FCC TEST REPORT

According to

FCC Rules and Regulations Part 15 Subpart C

Applicant	:	Ubiquiti Networks Inc.
Address	:	12F, No. 105, Song Ren Rd., Sin Yi District, Taipei 110, Taiwan
Equipment	:	UAP AC
Model No.	:	UAP-AC Outdoor, UAP-AC
Trade Name	:	Ubiquiti
FCC ID	:	SWX-UAPAC

- The test result refers exclusively to the test presented test model / sample.,
- Without written approval of **Cerpass Technology Corp.,** the test report shall not be reproduced except in full.
- The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.

Contents

History of this test report

■ ORIGINAL.

☐ Additional attachment as following record:

Attachment No.	Issue Date	Description
TEFI1301045	Mar. 22, 2013	Original.

CERTIFICATE OF COMPLIANCE

According to

FCC Rules and Regulations

Part 15 Subpart C

Applicant	:	Ubiquiti Networks Inc.
Address	:	12F, No. 105, Song Ren Rd., Sin Yi District, Taipei 110, Taiwan
Equipment	:	UAP AC
Model No.	:	UAP-AC Outdoor, UAP-AC
FCC ID	:	SWX-UAPAC

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4 2009, KDB558074 & KDB662911** The equipment was ***passed*** the test performed according to **FCC Rules and Regulations Part 15 Subpart C (2010).**

The test was carried out on Mar. 19, 2013 at Cerpass Technology Corp.

Approved by:

Hill Chen
EMC/RF B.U. Assistant Manager

Tested by:

Ben Lu
Engineer

1. Report of Measurements and Examinations

1.1 List of Measurements and Examinations

FCC Rule	. Description of Test	Result
15.203	. Antenna Requirement	Pass
15.207	. Conducted Emission	Pass
15.209 15.247(d)	. Radiated Emission	Pass
15.247(a)(2)	. 6dB Bandwidth	Pass
15.247(b)	. Maximum Peak Output Power	Pass
15.247(d)	. 100kHz Bandwidth of Frequency Band Edges	Pass
15.247(e)	. Power Spectral Density	Pass
1.1307 1.1310 2.1091 2.1093	. RF Exposure Compliance	Pass

2. Test Configuration of Equipment under Test

2.1 Feature of Equipment under Test

Frequency Range	IEEE 802.11b/g: 2412-2462MHz
	IEEE 802.11n HT20: 2412-2462MHz
	IEEE 802.11n HT40: 2422-2452MHz
	IEEE 802.11ac U-NII Band: 5150-5250MHz/ 5725-5825MHz
Type of Modulation	DSSS, OFDM
Channel of Bandwidth	20MHz/ 40MHz/ 80MHz
Channel Control	Auto
Antenna Delivery	3TX+3RX
Type of Antenna	Internal
Antenna Gain	6 dBi

2.2 Carrier Frequency of Channels

802.11b, 802.11g, 802.11n HT 20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***01**	**2412**	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	***11**	**2462**
***06**	**2437**	---	---

802.11n, HT 40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***03**	**2422**	07	2442
04	2427	08	2447
05	2432	***09**	**2452**
***06**	**2437**	---	---

802.11ac VHT20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***149**	**5745**	161	5805
153	5765	***165**	**5825**
***157**	**5785**	---	---

802.11ac VHT 40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***151**	**5755**	***159**	**5795**

802.11ac VHT80

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***155**	**5775**	---	---

Note: Channels remarked * are selected to perform test.

2.3 Test Mode and Test Software

a. During testing, the interface cables and equipment positions were varied according to ANSI C63.4.
b. The complete test system included Notebook, Mouse, and EUT for RF test.
c. An executive program" MTool" under XP was executed to keep transmitting and receiving data via Wireless.
d. Power output of data rate

802.11b		802.11g		802.11n HT20		802.11n HT40	
Data Rate (Mbps)	Power output (dBm)	Data Rate (Mbps)	Power output (dBm)	Data Rate (Mbps)	Power output (dBm)	Data Rate (Mbps)	Power output (dBm)
11	12.32	54	10.35	195/23	21.18	405/23	20.68
5.5	12.33	48	10.40	175.5/22	21.18	364.5/22	20.71
2	12.35	36	10.37	156/21	21.20	324/21	20.71
1	12.37	24	10.39	117/20	21.21	243/20	20.72
---	---	18	10.40	78/19	21.23	162/19	20.73
---	---	12	10.43	58.5/18	21.23	121.5/18	20.73
---	---	9	10.44	39/17	21.27	81/17	20.72
---	---	---	---	19.5/16	21.25	40.5/16	20.74
---	---	---	---	130/15	21.24	270/15	20.74
---	---	---	---	117/14	21.27	243/14	20.78
---	---	---	---	104/13	21.26	216/13	20.76
---	---	---	---	78/12	21.23	162/12	20.73
---	---	---	---	52/11	21.25	108/11	20.73
---	---	---	---	39/10	21.29	81/10	20.79
---	---	---	---	26/9	21.27	54/9	20.79
---	---	---	---	13/8	21.26	27/8	20.75
---	---	---	---	65/7	21.25	135/7	20.76
---	---	---	---	58.5/6	21.27	121.5/6	20.79
---	---	---	---	52/5	21.26	108/5	20.75
---	---	---	---	39/4	21.27	81/4	20.75
---	---	---	---	26/3	21.30	54/3	20.76
---	---	---	---	19.5/2	21.33	40.5/2	20.78
---	---	---	---	13/1	21.32	27/1	20.82
---	---	---	---	6.5/0	21.35	13.5/0	20.88

Spatial Streams	802.11ac VHT20		802.11ac VHT40		802.11ac VHT80	
	Data Rate (Mbps)	Power output (dBm)	Data Rate (Mbps)	Power output (dBm)	Data Rate (Mbps)	Power output (dBm)
1	---	---	180/9	20.13	390/9	20.05
	78/8	20.45	162/8	20.15	351/8	20.07
	65/7	20.46	135/7	20.17	292.5/7	20.08
	58.5/6	20.48	121.5/6	20.19	263.3/6	20.11
	52/5	20.48	108/5	20.18	234/5	20.11
	39/4	20.50	81/4	20.20	175.5/4	20.10
	26/3	20.52	54/3	20.21	117/3	20.12
	19.5/2	20.52	40.5/2	20.23	87.8/2	20.12
	13/1	20.53	27/1	20.22	58.5/1	20.14
	6/0	20.55	13.5/0	20.24	29.3/0	20.15
2	---	---	360/9	20.13	780/9	20.02
	156/8	20.45	324/8	20.13	702/8	20.05
	130/7	20.48	270/7	20.15	585/7	20.07
	117/6	20.47	243/6	20.16	526.6/6	20.08
	104/5	20.47	216/5	20.18	468/5	20.09
	78/4	20.49	162/4	20.18	351/4	20.11
	52/3	20.50	108/3	20.20	234/3	20.11
	39/2	20.51	81/2	20.19	175.6/2	20.12
	26/1	20.52	54/1	20.21	117/1	20.12
	13/0	20.53	27/0	20.22	58.6/0	20.14
3	---	---	540/9	20.11	1170/9	20.01
	234/8	20.41	486/8	20.10	1053/8	20.01
	195/7	20.43	405/7	20.12	877.5/7	20.04
	175.5/6	20.45	364.5/6	20.14	789.9/6	20.05
	156/5	20.46	324/5	20.15	702/5	20.07
	117/4	20.48	243/4	20.16	526.5/4	20.09
	78/3	20.50	162/3	20.19	351/3	20.08
	58.5/2	20.52	121.5/2	20.18	263.4/2	20.11
	39/1	20.51	81/1	20.20	175.5/1	20.11
	19.5/0	20.53	40.5/0	20.21	87.9/0	20.12

2.4 Description of Test System

Device	Manufacturer	Model No.	Description
Notebook	ASUS	A8J	Power Cable, Non-Shielded, 1.8m
Mouse	DELL	MOC5UO	Data Cable, USB Shielding 1.85m

2.5 General Information of Test

Test Site :	Cerpass Technology Corp. 2F-11, No. 3, Yuan Qu St., (Nankang Software Park), Taipei, Taiwan 115, R.O.C.
Test Site Location (OATS2-SD) :	No.68-1, Shihbachongsi, Shihding Township, Taipei City 223, Taiwan, R.O.C.
FCC Registration Number :	TW1049, TW1061, 488071, 390316
IC Registration Number :	4934B-1, 4934D-1
VCCI Registration Number :	T-1173 for Telecommunication Test C-4139 for Conducted emission test R-3428 for Radiated emission test G-97 for radiated disturbance above 1GHz
Frequency Range Investigated:	Conducted: from 150kHz to 30MHz Radiation: from 30MHz to 40,000MHz
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.
Laboratory Accreditation	TAF Testing Laboratory 1439

2.6 Measurement Uncertainty

Measurement Item	**Uncertainty**
Radiated emission	±4.11dB
Peak Output Power(conducted)	±1.38dB
Peak Output Power(Radiated)	±1.70dB
Power Spectral Density	±1.39dB
Radiated emission(3m)	±4.11dB
Radiated emission(10m)	±3.89dB

3. Antenna Requirements

3.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

3.2 Antenna Construction and Directional Gain

802.11b/g/n:
ANT R, ANT M, ANT L
Antenna Type: PIFA Antenna
Antenna Gain: 6 dBi

Note: directional antenna gain for N mode = 6+10 log(3)=10.77

802.11ac:
ANT R, ANT M, ANT L
Antenna Type: PIFA Antenna
Antenna Gain: 6 dBi

Note: directional antenna gain for N mode = 6+10 log(3)=10.77

4. Test of Conducted Emission

4.1 Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2009 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

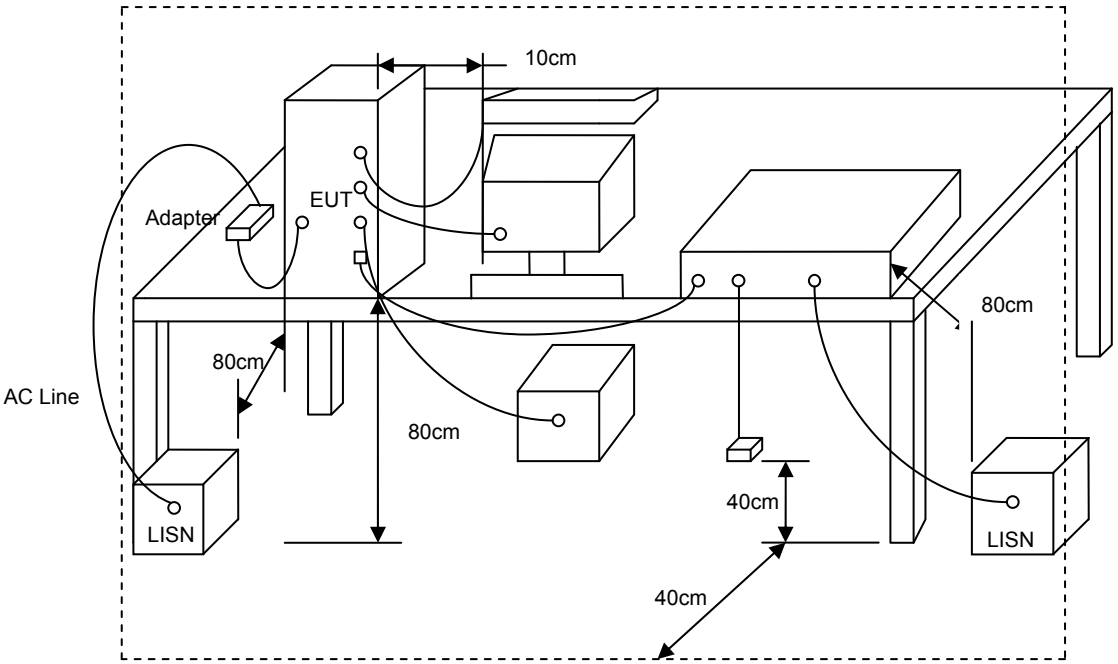
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

*Decreases with the logarithm of the frequency.

4.2 Test Procedures

a. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
b. Connect EUT to the power mains through a line impedance stabilization network (LISN).
c. All the support units are connecting to the other LISN.
d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
e. The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
f. Both sides of AC line were checked for maximum conducted interference.
g. The frequency range from 150 kHz to 30 MHz was searched.
h. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

4.3 Typical Test Setup

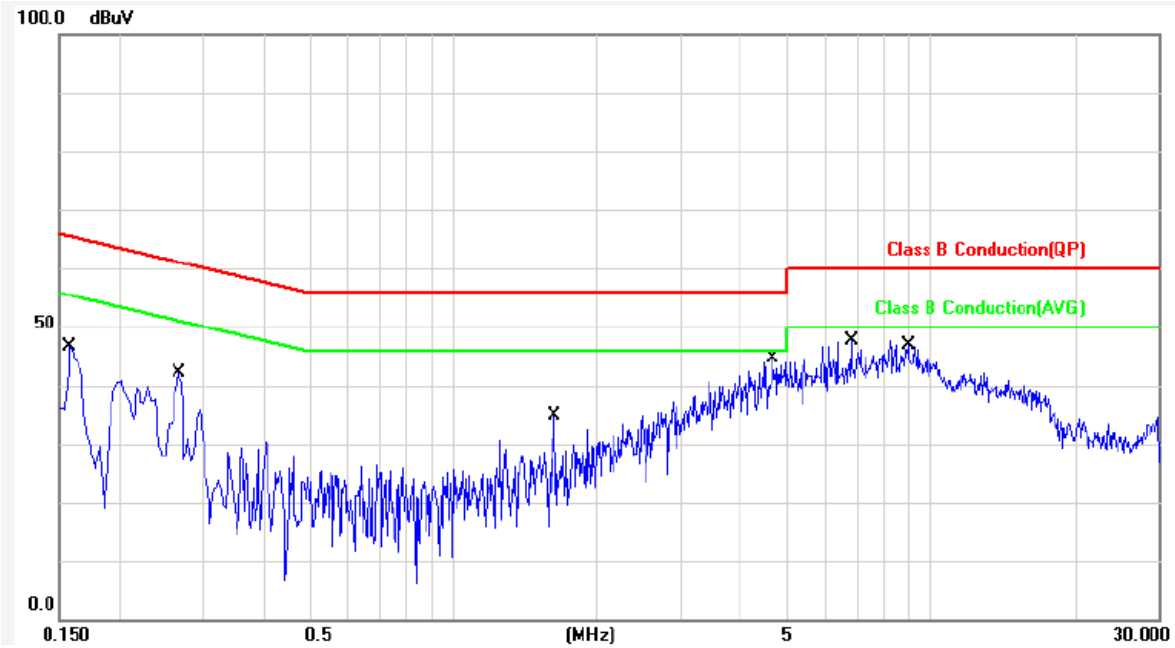


4.4 Measurement Equipment

Instrument/ Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date
EMI Receiver	R&S	ESCI	100821	2012/12/24	2013/12/23
LISN	Schwarzbeck	NSLK 8127	8127-516	2013/03/08	2014/03/07
LISN	Schwarzbeck	NSLK 8127	8127-568	2012/08/22	2013/08/21

4.5 Test Result and Data

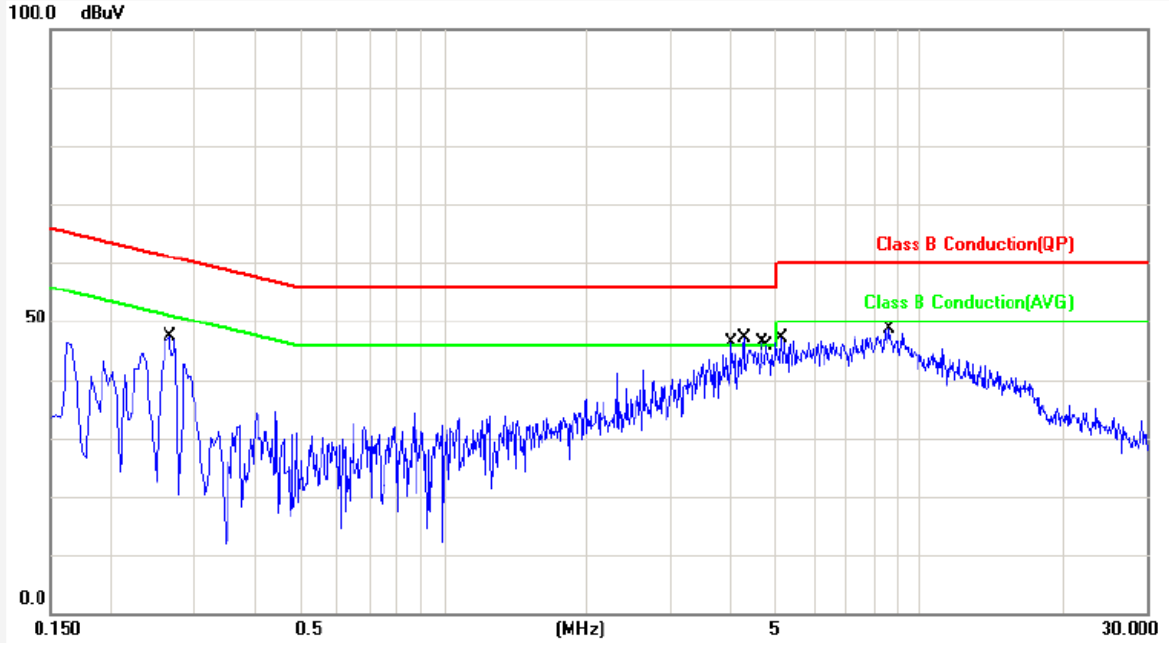
Power	:	DC 48V from PoE	Pol/Phase	:	LINE
Test Mode 1	:	802.11g, CH1	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1580	0.08	40.68	40.76	65.56	-24.80	QP	P
2	0.1580	0.08	23.65	23.73	55.56	-31.83	AVG	P
3	0.2660	0.09	42.71	42.80	61.24	-18.44	QP	P
4	0.2660	0.09	34.77	34.86	51.24	-16.38	AVG	P
5	1.6340	0.20	23.45	23.65	56.00	-32.35	QP	P
6	1.6340	0.20	14.46	14.66	46.00	-31.34	AVG	P
7	4.6900	0.30	38.35	38.65	56.00	-17.35	QP	P
8	4.6900	0.30	26.64	26.94	46.00	-19.06	AVG	P
9	6.8100	0.36	38.19	38.55	60.00	-21.45	QP	P
10	6.8100	0.36	29.77	30.13	50.00	-19.87	AVG	P
11	8.9940	0.41	40.23	40.64	60.00	-19.36	QP	P
12	8.9940	0.41	32.77	33.18	50.00	-16.82	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

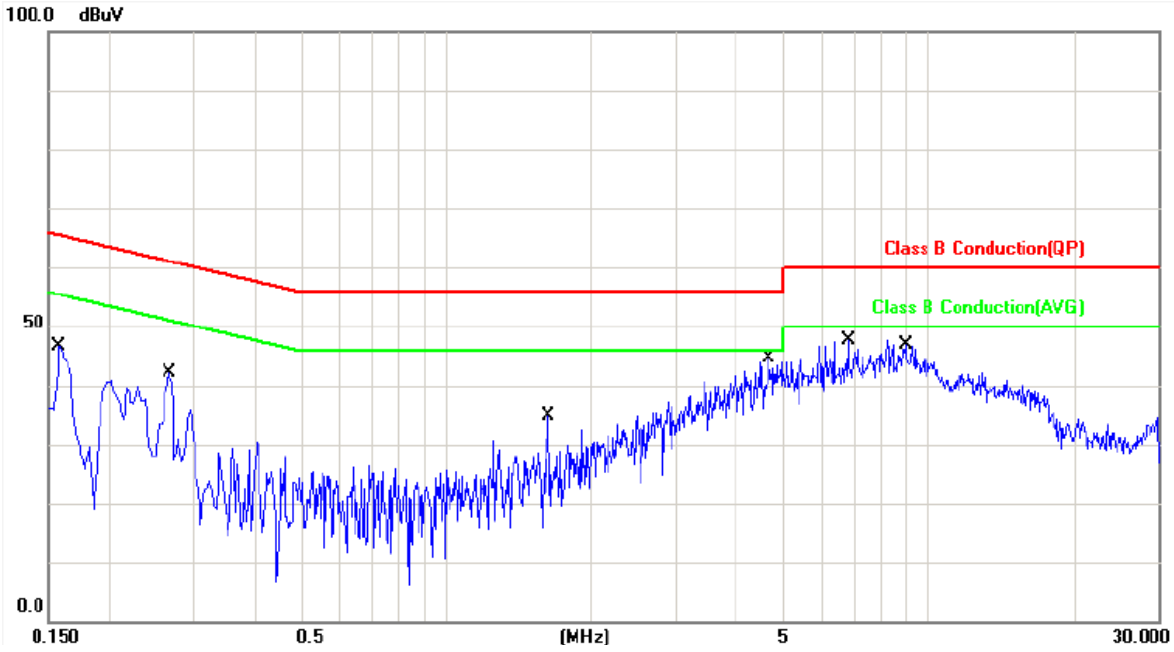
Power	:	DC 48V from PoE	Pol/Phase	:	NEUTRAL
Test Mode 1	:	802.11g, CH1	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2660	0.11	45.67	45.78	61.24	-15.46	QP	P
2	0.2660	0.11	41.03	41.14	51.24	-10.10	AVG	P
3	4.0460	0.29	39.07	39.36	56.00	-16.64	QP	P
4	4.0460	0.29	28.98	29.27	46.00	-16.73	AVG	P
5	4.2780	0.30	39.65	39.95	56.00	-16.05	QP	P
6	4.2780	0.30	29.47	29.77	46.00	-16.23	AVG	P
7	4.6540	0.31	40.58	40.89	56.00	-15.11	QP	P
8	4.6540	0.31	30.02	30.33	46.00	-15.67	AVG	P
9	4.7900	0.32	40.02	40.34	56.00	-15.66	QP	P
10	4.7900	0.32	30.24	30.56	46.00	-15.44	AVG	P
11	5.1380	0.33	39.67	40.00	60.00	-20.00	QP	P
12	5.1380	0.33	29.84	30.17	50.00	-19.83	AVG	P
13	8.6420	0.41	41.79	42.20	60.00	-17.80	QP	P
14	8.6420	0.41	34.24	34.65	50.00	-15.35	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

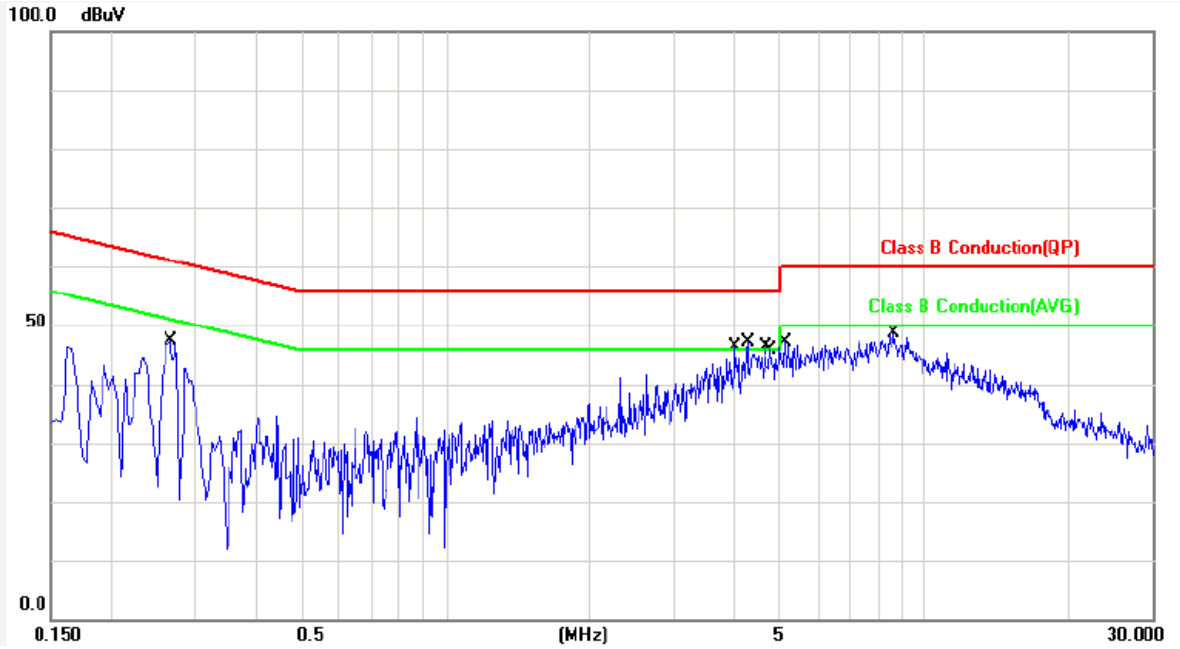
Power	:	DC 48V from PoE	Pol/Phase	:	LINE
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1580	0.05	40.65	40.70	65.56	-24.86	QP	P
2	0.1580	0.05	23.58	23.63	55.56	-31.93	AVG	P
3	0.2660	0.05	42.66	42.71	61.24	-18.53	QP	P
4	0.2660	0.05	34.73	34.78	51.24	-16.46	AVG	P
5	1.6340	0.07	23.68	23.75	56.00	-32.25	QP	P
6	1.6340	0.07	14.38	14.45	46.00	-31.55	AVG	P
7	4.6900	0.10	38.32	38.42	56.00	-17.58	QP	P
8	4.6900	0.10	26.56	26.66	46.00	-19.34	AVG	P
9	6.8100	0.13	38.35	38.48	60.00	-21.52	QP	P
10	6.8100	0.13	30.20	30.33	50.00	-19.67	AVG	P
11	8.9940	0.16	40.63	40.79	60.00	-19.21	QP	P
12	8.9940	0.16	33.69	33.85	50.00	-16.15	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

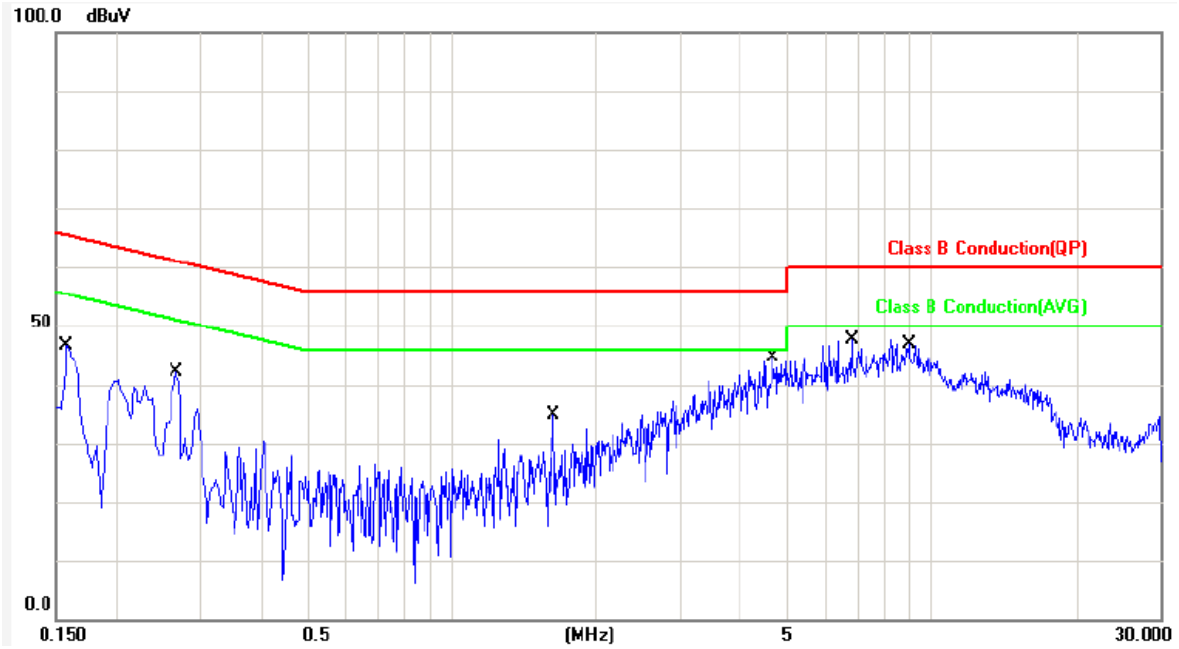
Power	:	DC 48V from PoE	Pol/Phase	:	NEUTRAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2660	0.07	45.39	45.46	61.24	-15.78	QP	P
2	0.2660	0.07	41.91	41.98	51.24	-9.26	AVG	P
3	4.0460	0.10	39.68	39.78	56.00	-16.22	QP	P
4	4.0460	0.10	29.23	29.33	46.00	-16.67	AVG	P
5	4.2780	0.10	39.37	39.47	56.00	-16.53	QP	P
6	4.2780	0.10	29.56	29.66	46.00	-16.34	AVG	P
7	4.6540	0.11	40.43	40.54	56.00	-15.46	QP	P
8	4.6540	0.11	30.52	30.63	46.00	-15.37	AVG	P
9	4.7900	0.11	40.73	40.84	56.00	-15.16	QP	P
10	4.7900	0.11	30.68	30.79	46.00	-15.21	AVG	P
11	5.1380	0.12	40.54	40.66	60.00	-19.34	QP	P
12	5.1380	0.12	30.35	30.47	50.00	-19.53	AVG	P
13	8.6420	0.16	42.53	42.69	60.00	-17.31	QP	P
14	8.6420	0.16	34.30	34.46	50.00	-15.54	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

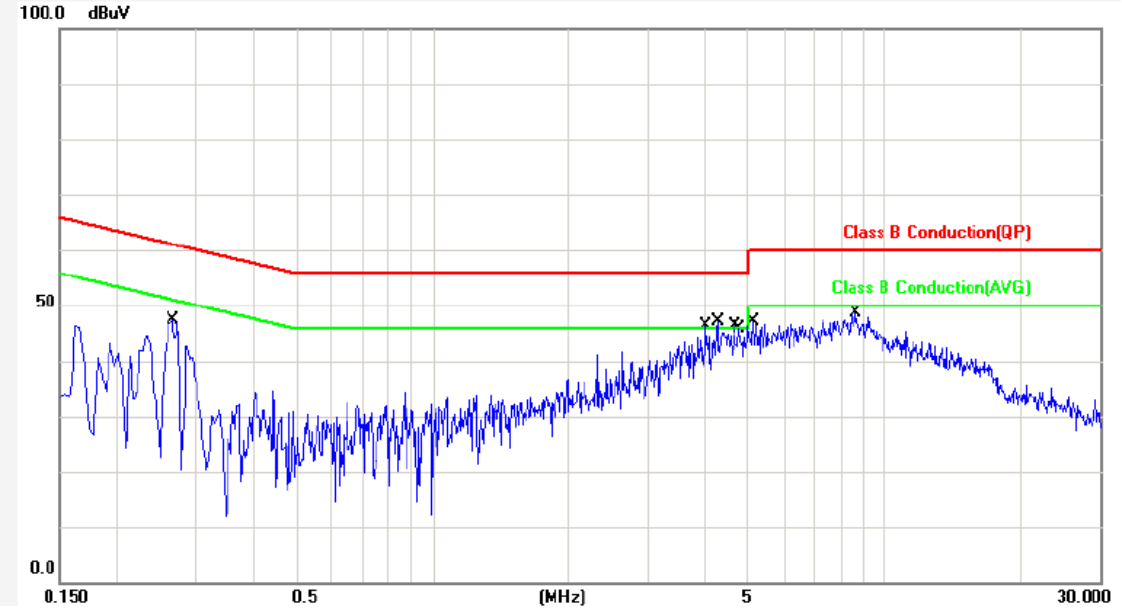
Power	:	DC 48V from PoE	Pol/Phase	:	LINE
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1580	0.05	40.60	40.65	65.56	-24.91	QP	P
2	0.1580	0.05	23.51	23.56	55.56	-32.00	AVG	P
3	0.2660	0.05	42.61	42.66	61.24	-18.58	QP	P
4	0.2660	0.05	34.42	34.47	51.24	-16.77	AVG	P
5	1.6340	0.07	23.34	23.41	56.00	-32.59	QP	P
6	1.6340	0.07	14.21	14.28	46.00	-31.72	AVG	P
7	4.6900	0.10	38.68	38.78	56.00	-17.22	QP	P
8	4.6900	0.10	26.87	26.97	46.00	-19.03	AVG	P
9	6.8100	0.13	38.35	38.48	60.00	-21.52	QP	P
10	6.8100	0.13	30.50	30.63	50.00	-19.37	AVG	P
11	8.9940	0.16	40.55	40.71	60.00	-19.29	QP	P
12	8.9940	0.16	33.35	33.51	50.00	-16.49	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

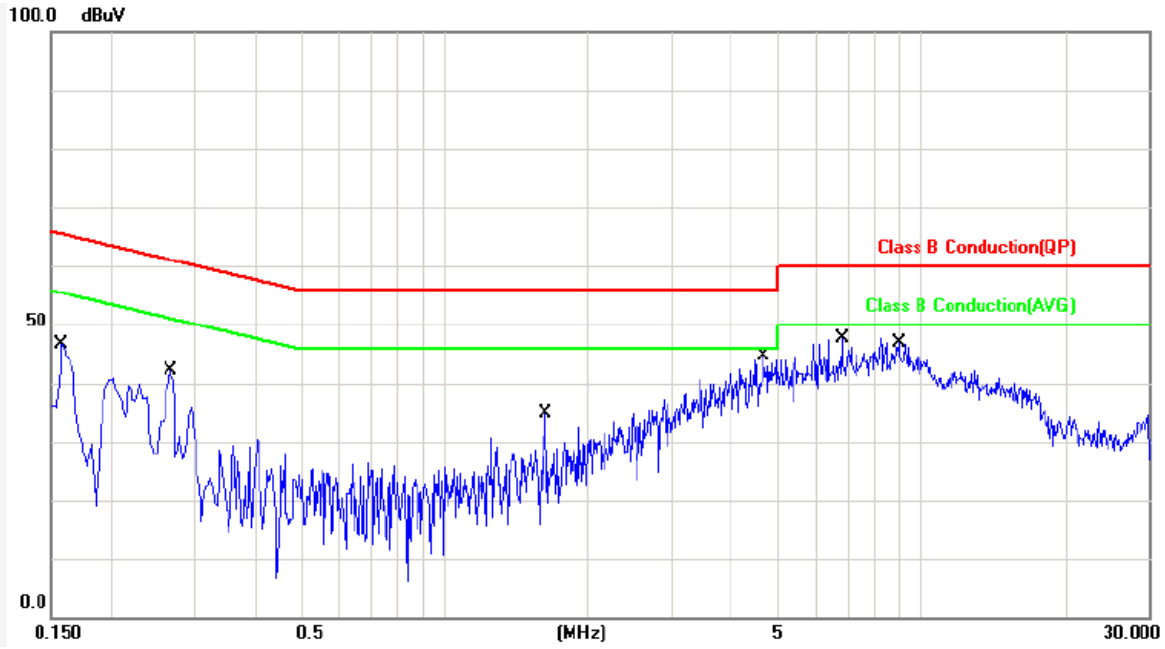
Power	:	DC 48V from PoE	Pol/Phase	:	NEUTRAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2660	0.07	45.19	45.26	61.24	-15.98	QP	P
2	0.2660	0.07	41.58	41.65	51.24	-9.59	AVG	P
3	4.0460	0.10	39.06	39.16	56.00	-16.84	QP	P
4	4.0460	0.10	29.78	29.88	46.00	-16.12	AVG	P
5	4.2780	0.10	39.38	39.48	56.00	-16.52	QP	P
6	4.2780	0.10	29.52	29.62	46.00	-16.38	AVG	P
7	4.6540	0.11	40.67	40.78	56.00	-15.22	QP	P
8	4.6540	0.11	30.55	30.66	46.00	-15.34	AVG	P
9	4.7900	0.11	40.18	40.29	56.00	-15.71	QP	P
10	4.7900	0.11	30.33	30.44	46.00	-15.56	AVG	P
11	5.1380	0.12	39.99	40.11	60.00	-19.89	QP	P
12	5.1380	0.12	30.46	30.58	50.00	-19.42	AVG	P
13	8.6420	0.16	42.52	42.68	60.00	-17.32	QP	P
14	8.6420	0.16	33.95	34.11	50.00	-15.89	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

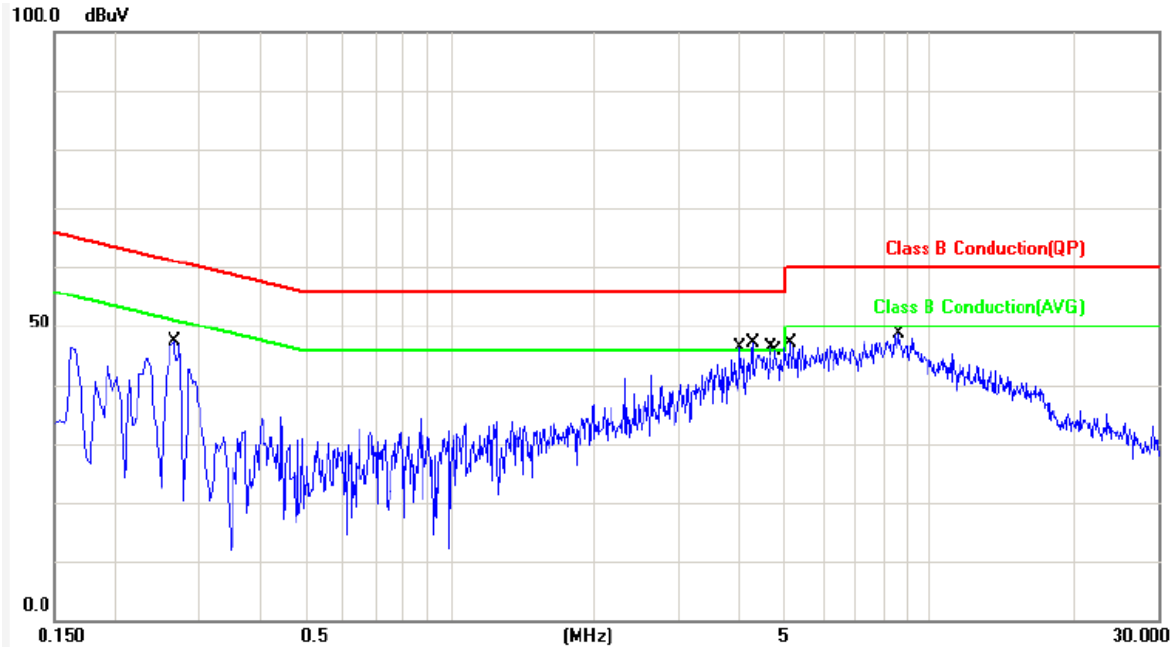
Power	:	DC 48V from PoE	Pol/Phase	:	LINE
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1580	0.05	40.65	40.70	65.56	-24.86	QP	P
2	0.1580	0.05	23.57	23.62	55.56	-31.94	AVG	P
3	0.2660	0.05	42.74	42.79	61.24	-18.45	QP	P
4	0.2660	0.05	34.42	34.47	51.24	-16.77	AVG	P
5	1.6340	0.07	23.23	23.30	56.00	-32.70	QP	P
6	1.6340	0.07	14.70	14.77	46.00	-31.23	AVG	P
7	4.6900	0.10	38.07	38.17	56.00	-17.83	QP	P
8	4.6900	0.10	26.77	26.87	46.00	-19.13	AVG	P
9	6.8100	0.13	38.49	38.62	60.00	-21.38	QP	P
10	6.8100	0.13	30.70	30.83	50.00	-19.17	AVG	P
11	8.9940	0.16	40.09	40.25	60.00	-19.75	QP	P
12	8.9940	0.16	33.63	33.79	50.00	-16.21	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

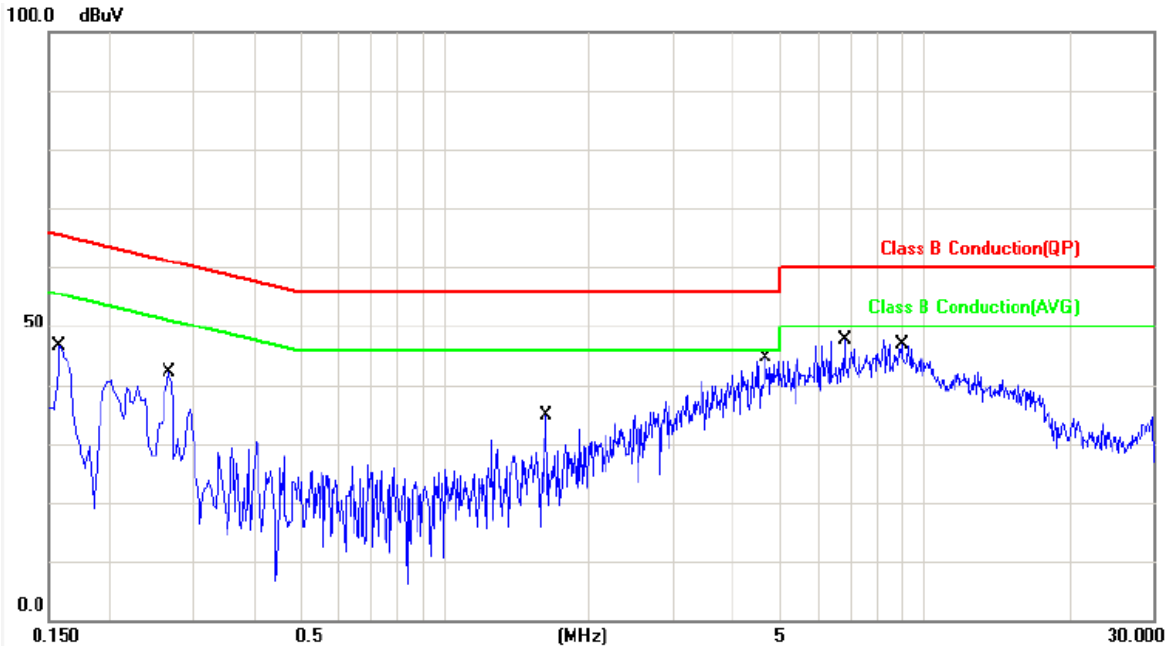
Power	:	DC 48V from PoE	Pol/Phase	:	NEUTRAL
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2660	0.07	45.50	45.57	61.24	-15.67	QP	P
2	0.2660	0.07	41.26	41.33	51.24	-9.91	AVG	P
3	4.0460	0.10	39.37	39.47	56.00	-16.53	QP	P
4	4.0460	0.10	29.32	29.42	46.00	-16.58	AVG	P
5	4.2780	0.10	39.78	39.88	56.00	-16.12	QP	P
6	4.2780	0.10	29.22	29.32	46.00	-16.68	AVG	P
7	4.6540	0.11	40.37	40.48	56.00	-15.52	QP	P
8	4.6540	0.11	30.24	30.35	46.00	-15.65	AVG	P
9	4.7900	0.11	40.30	40.41	56.00	-15.59	QP	P
10	4.7900	0.11	30.25	30.36	46.00	-15.64	AVG	P
11	5.1380	0.12	39.99	40.11	60.00	-19.89	QP	P
12	5.1380	0.12	30.06	30.18	50.00	-19.82	AVG	P
13	8.6420	0.16	42.35	42.51	60.00	-17.49	QP	P
14	8.6420	0.16	34.46	34.62	50.00	-15.38	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

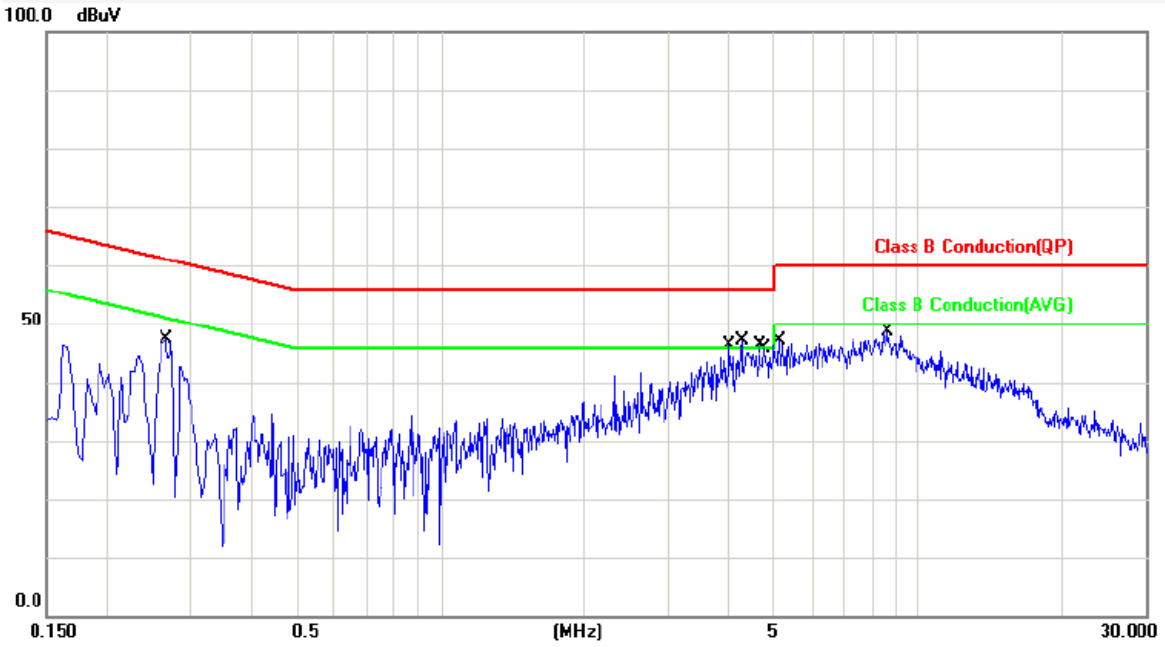
Power	:	DC 48V from PoE	Pol/Phase	:	LINE
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1580	0.05	40.71	40.76	65.56	-24.80	QP	P
2	0.1580	0.05	23.21	23.26	55.56	-32.30	AVG	P
3	0.2660	0.05	42.37	42.42	61.24	-18.82	QP	P
4	0.2660	0.05	34.31	34.36	51.24	-16.88	AVG	P
5	1.6340	0.07	23.41	23.48	56.00	-32.52	QP	P
6	1.6340	0.07	14.52	14.59	46.00	-31.41	AVG	P
7	4.6900	0.10	38.56	38.66	56.00	-17.34	QP	P
8	4.6900	0.10	26.67	26.77	46.00	-19.23	AVG	P
9	6.8100	0.13	37.99	38.12	60.00	-21.88	QP	P
10	6.8100	0.13	30.02	30.15	50.00	-19.85	AVG	P
11	8.9940	0.16	40.53	40.69	60.00	-19.31	QP	P
12	8.9940	0.16	33.08	33.24	50.00	-16.76	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

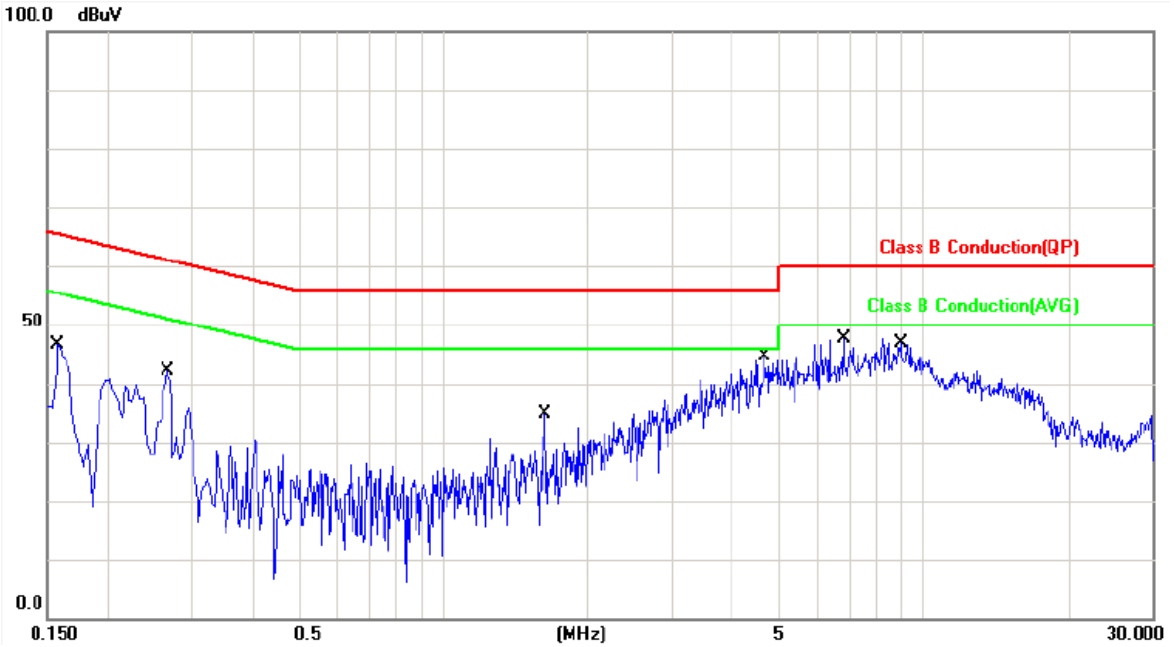
Power	:	DC 48V from PoE	Pol/Phase	:	NEUTRAL
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2660	0.07	45.50	45.57	61.24	-15.67	QP	P
2	0.2660	0.07	41.05	41.12	51.24	-10.12	AVG	P
3	4.0460	0.10	39.18	39.28	56.00	-16.72	QP	P
4	4.0460	0.10	29.23	29.33	46.00	-16.67	AVG	P
5	4.2780	0.10	39.32	39.42	56.00	-16.58	QP	P
6	4.2780	0.10	29.70	29.80	46.00	-16.20	AVG	P
7	4.6540	0.11	40.22	40.33	56.00	-15.67	QP	P
8	4.6540	0.11	30.28	30.39	46.00	-15.61	AVG	P
9	4.7900	0.11	40.40	40.51	56.00	-15.49	QP	P
10	4.7900	0.11	30.32	30.43	46.00	-15.57	AVG	P
11	5.1380	0.12	39.94	40.06	60.00	-19.94	QP	P
12	5.1380	0.12	29.98	30.10	50.00	-19.90	AVG	P
13	8.6420	0.16	42.13	42.29	60.00	-17.71	QP	P
14	8.6420	0.16	34.64	34.80	50.00	-15.20	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

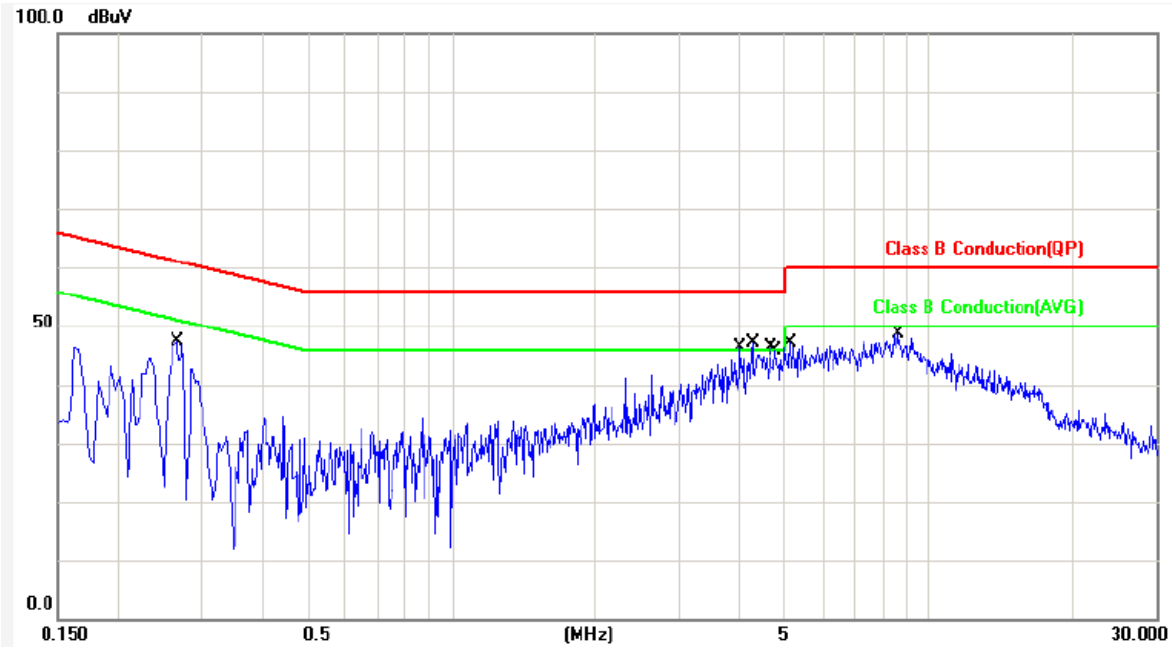
Power	:	DC 48V from PoE	Pol/Phase	:	LINE
Test Mode 6	:	802.11ac HT80, CH155	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1580	0.05	40.28	40.33	65.56	-25.23	QP	P
2	0.1580	0.05	23.70	23.75	55.56	-31.81	AVG	P
3	0.2660	0.05	42.84	42.89	61.24	-18.35	QP	P
4	0.2660	0.05	34.79	34.84	51.24	-16.40	AVG	P
5	1.6340	0.07	23.26	23.33	56.00	-32.67	QP	P
6	1.6340	0.07	14.46	14.53	46.00	-31.47	AVG	P
7	4.6900	0.10	38.59	38.69	56.00	-17.31	QP	P
8	4.6900	0.10	26.73	26.83	46.00	-19.17	AVG	P
9	6.8100	0.13	38.31	38.44	60.00	-21.56	QP	P
10	6.8100	0.13	30.15	30.28	50.00	-19.72	AVG	P
11	8.9940	0.16	40.26	40.42	60.00	-19.58	QP	P
12	8.9940	0.16	33.50	33.66	50.00	-16.34	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

Power	:	DC 48V from PoE	Pol/Phase	:	NEUTRAL
Test Mode 6	:	802.11ac HT80, CH155	Temperature	:	24 °C
Test Date	:	Mar. 18, 2013	Humidity	:	58 %



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2660	0.07	45.56	45.63	61.24	-15.61	QP	P
2	0.2660	0.07	41.12	41.19	51.24	-10.05	AVG	P
3	4.0460	0.10	39.14	39.24	56.00	-16.76	QP	P
4	4.0460	0.10	29.19	29.29	46.00	-16.71	AVG	P
5	4.2780	0.10	39.58	39.68	56.00	-16.32	QP	P
6	4.2780	0.10	29.73	29.83	46.00	-16.17	AVG	P
7	4.6540	0.11	40.33	40.44	56.00	-15.56	QP	P
8	4.6540	0.11	30.28	30.39	46.00	-15.61	AVG	P
9	4.7900	0.11	40.25	40.36	56.00	-15.64	QP	P
10	4.7900	0.11	30.46	30.57	46.00	-15.43	AVG	P
11	5.1380	0.12	39.99	40.11	60.00	-19.89	QP	P
12	5.1380	0.12	30.23	30.35	50.00	-19.65	AVG	P
13	8.6420	0.16	41.98	42.14	60.00	-17.86	QP	P
14	8.6420	0.16	34.39	34.55	50.00	-15.45	AVG	P

Note: Level = Reading + Factor
Margin = Level – Limit

5. Test of Radiated Emission

5.1 Test Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz (68.3dBuV/m at 3m). In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

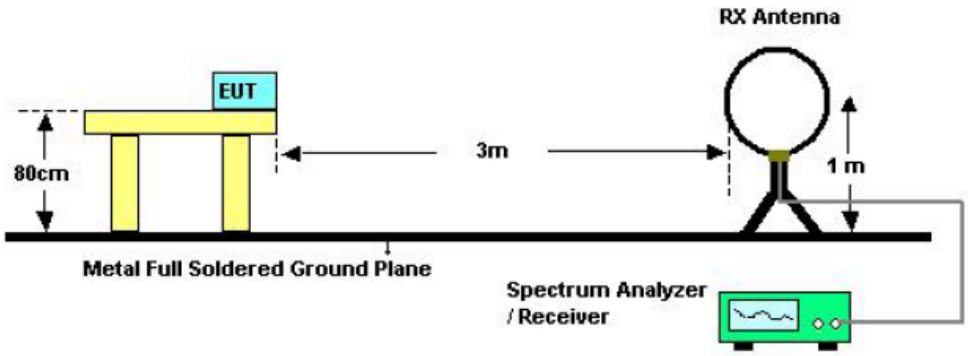
Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

5.2 Test Procedures

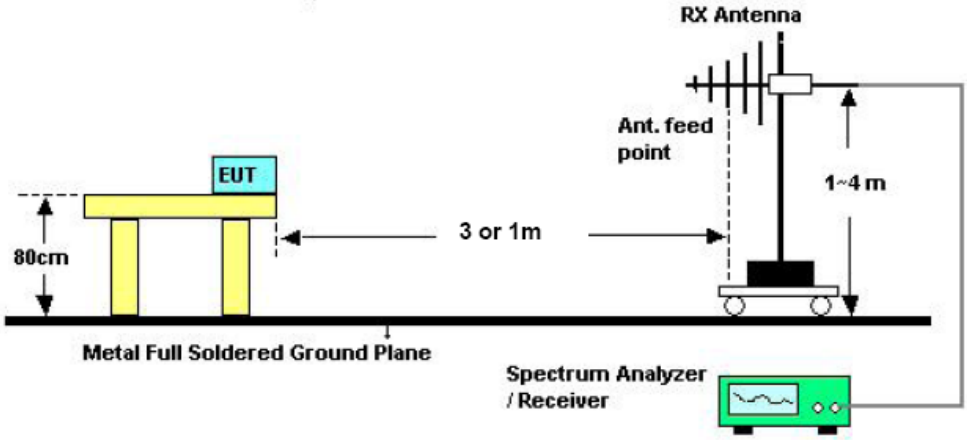
a. The EUT was placed on a rotatable table top 0.8 meter above ground.
b. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
c. The table was rotated 360 degrees to determine the position of the highest radiation.
d. The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
e. For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
f. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
g. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
h. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
i. “Cone of radiation” has been considered to be 3dB bandwidth of the measurement antenna.

5.3 Typical Test Setup

For radiated emissions below 30MHz



For radiated emissions above 30MHz



Above 10 GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1m.
Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1m]) (dB);
Limit line = specific limits (dBuV) + distance extrapolation factor [9.54 dB].

5.4 Measurement Equipment

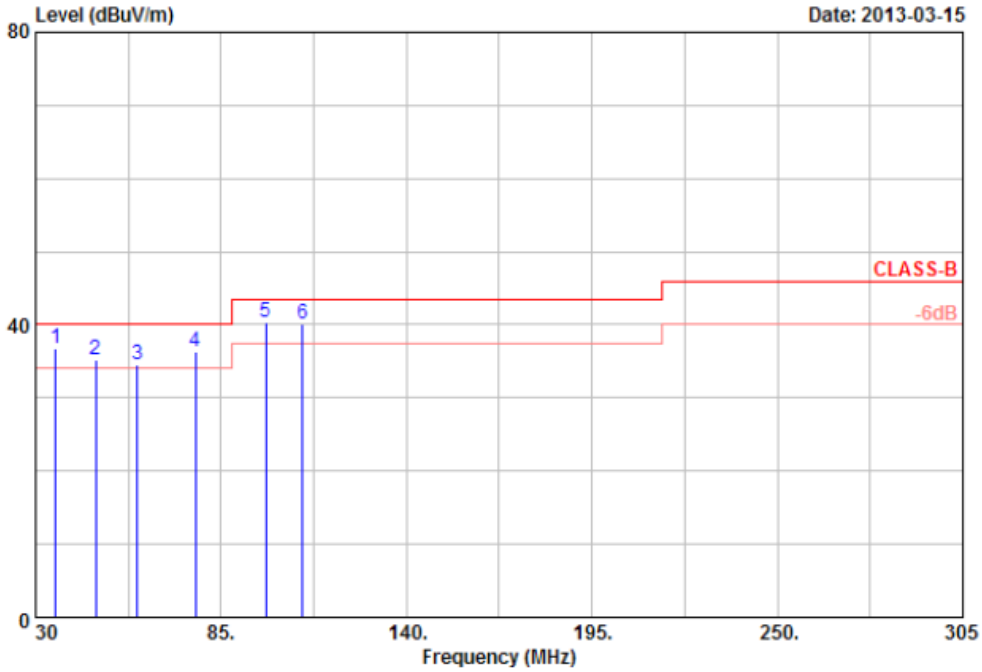
Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
EMI Receiver	R&S	ESCI	100443	2013/01/15	2014/01/14
Bilog Antenna	Schwarzbeck	VULB 9168	369	2013/03/06	2014/03/05
Amplifier	QuieTek	AP/0100A	CHM0906075	2013/01/15	2014/01/14
SPECTRUM ANALYZER	R&S	FSP40	100219	2012/09/13	2013/09/12
HORN ANTENNA	EMCO	3115	31601	2012/09/13	2013/09/12
PREAMPLIFIER	EMC	EMC012635	980029	2012/09/12	2013/09/11

5.1 Test Result and Data (9kHz ~ 30MHz)

The 9kHz - 30MHz spurious emission is under limit 20dB more.

5.2 Test Result and Data (30MHz ~ 1GHz)

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

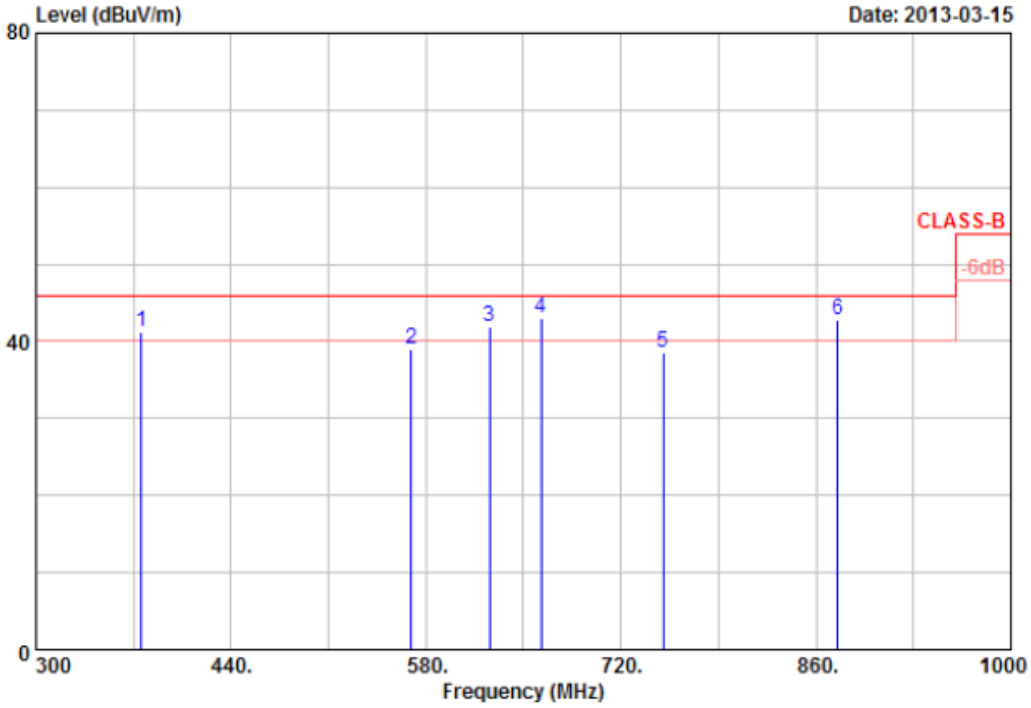


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.79	-1.94	36.85	40.00	-3.15	QP	100	360
2	47.88	39.65	-4.42	35.23	40.00	-4.77	QP	100	360
3	60.25	45.45	-10.86	34.59	40.00	-5.41	QP	100	360
4	77.30	45.23	-8.84	36.39	40.00	-3.61	QP	100	360
5	98.20	49.23	-8.99	40.24	43.50	-3.26	QP	100	360
6	109.20	47.42	-7.26	40.16	43.50	-3.34	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

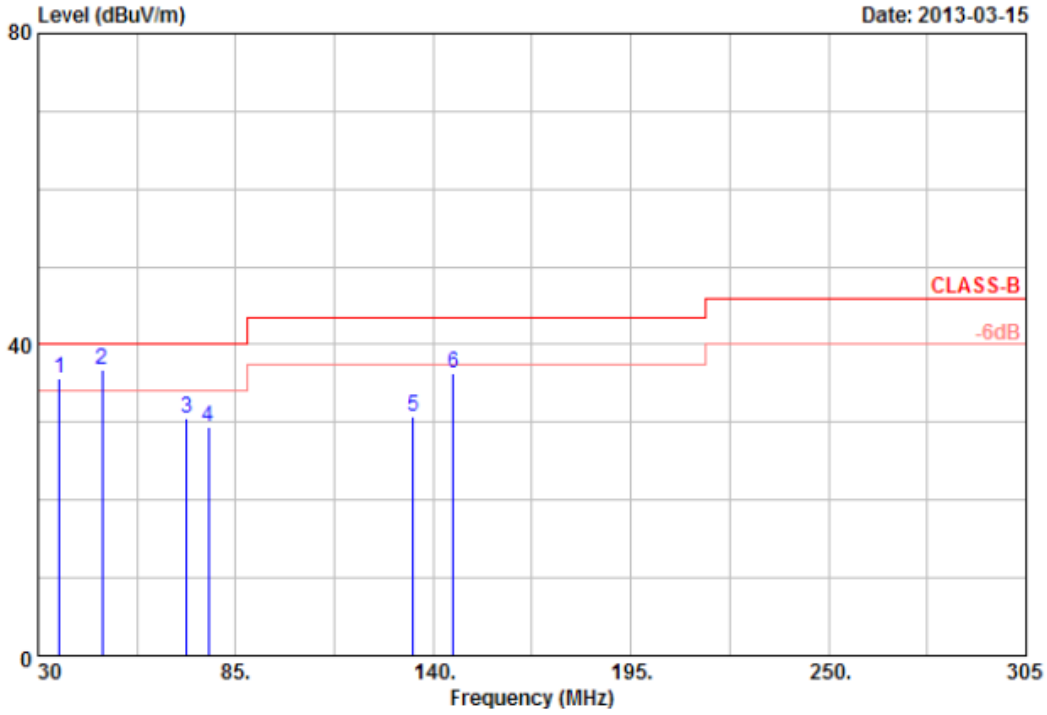


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	49.12	-7.95	41.17	46.00	-4.83	QP	100	0
2	569.50	31.45	7.60	39.05	46.00	-6.95	Peak	100	0
3	625.50	41.23	0.57	41.80	46.00	-4.20	QP	100	0
4	662.60	44.09	-1.14	42.95	46.00	-3.05	QP	100	0
5	750.10	33.50	5.11	38.61	46.00	-7.39	Peak	100	0
6	875.40	33.36	9.53	42.89	46.00	-3.11	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

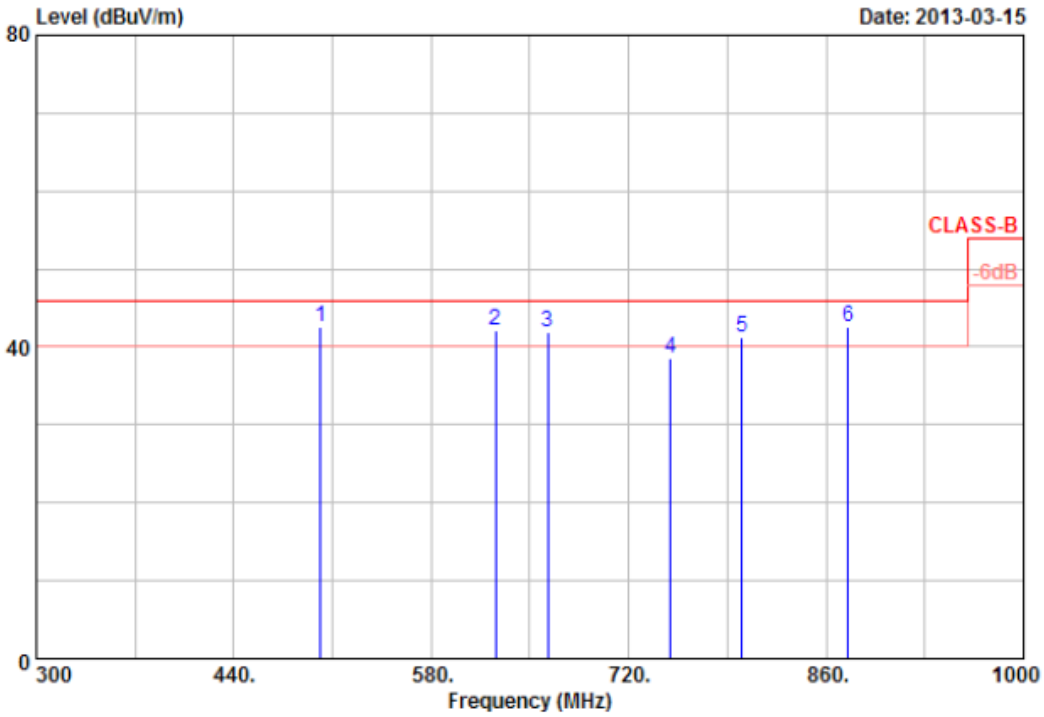


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	42.45	-6.78	35.67	40.00	-4.33	QP	100	360
2	47.88	45.47	-8.70	36.77	40.00	-3.23	QP	100	360
3	71.25	52.16	-21.60	30.56	40.00	-9.44	Peak	100	360
4	77.30	49.20	-19.83	29.37	40.00	-10.63	Peak	100	360
5	134.50	45.78	-14.98	30.80	43.50	-12.70	Peak	100	360
6	145.50	50.98	-14.65	36.33	43.50	-7.17	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH1	Temperature	:	24 °C
Memo	:	Model No. UAP-AC	Humidity	:	62 %

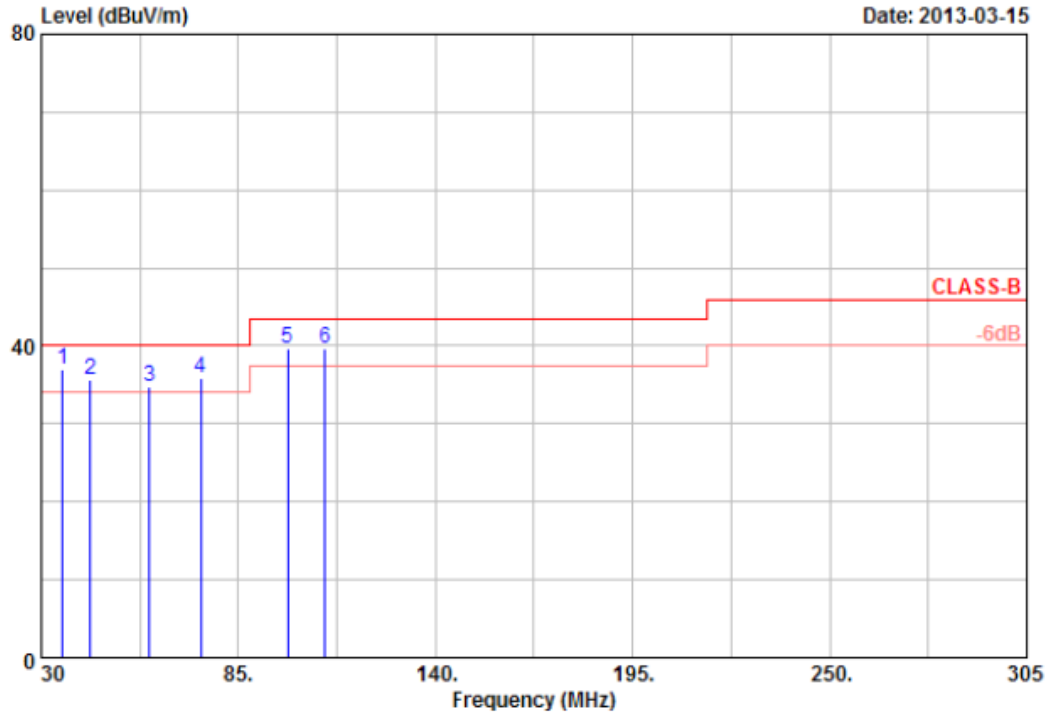


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	501.60	42.56	0.10	42.66	46.00	-3.34	QP	100	0
2	625.50	37.80	4.23	42.03	46.00	-3.97	QP	100	0
3	662.60	42.09	-0.27	41.82	46.00	-4.18	QP	100	0
4	749.40	35.97	2.67	38.64	46.00	-7.36	Peak	100	0
5	800.50	35.06	6.14	41.20	46.00	-4.80	QP	100	0
6	875.40	37.60	4.88	42.48	46.00	-3.52	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

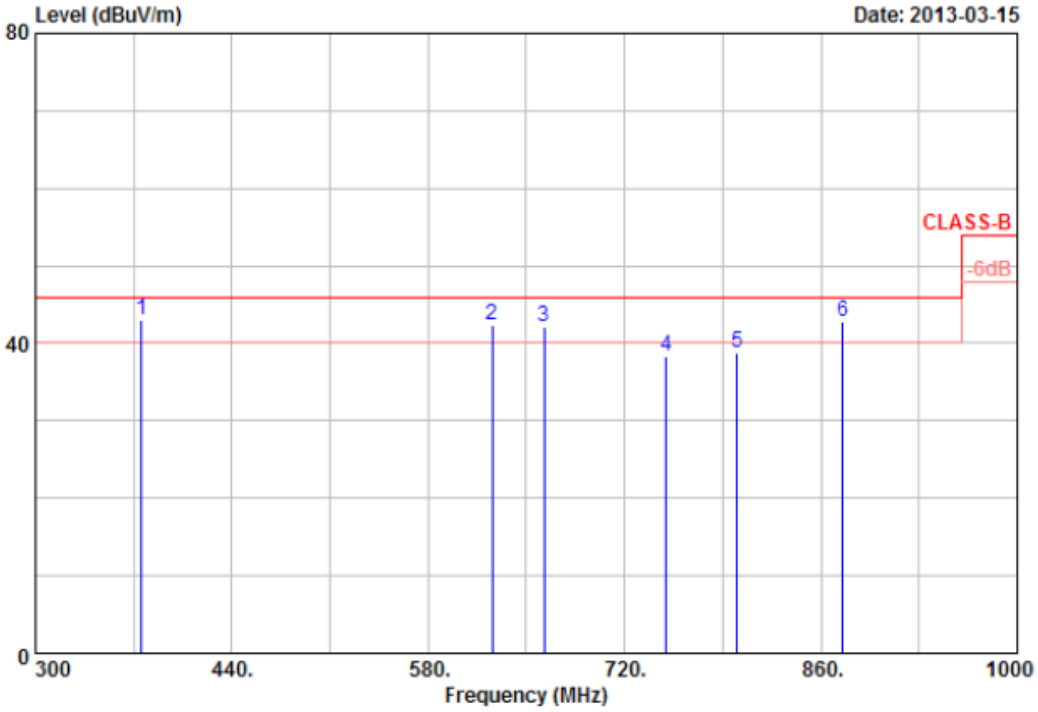


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.84	-1.94	36.90	40.00	-3.10	QP	100	360
2	43.75	36.90	-1.22	35.68	40.00	-4.32	QP	100	360
3	60.25	45.59	-10.86	34.73	40.00	-5.27	QP	100	360
4	74.55	46.00	-10.11	35.89	40.00	-4.11	QP	100	360
5	98.75	48.52	-8.91	39.61	43.50	-3.89	QP	100	360
6	109.20	46.96	-7.26	39.70	43.50	-3.80	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

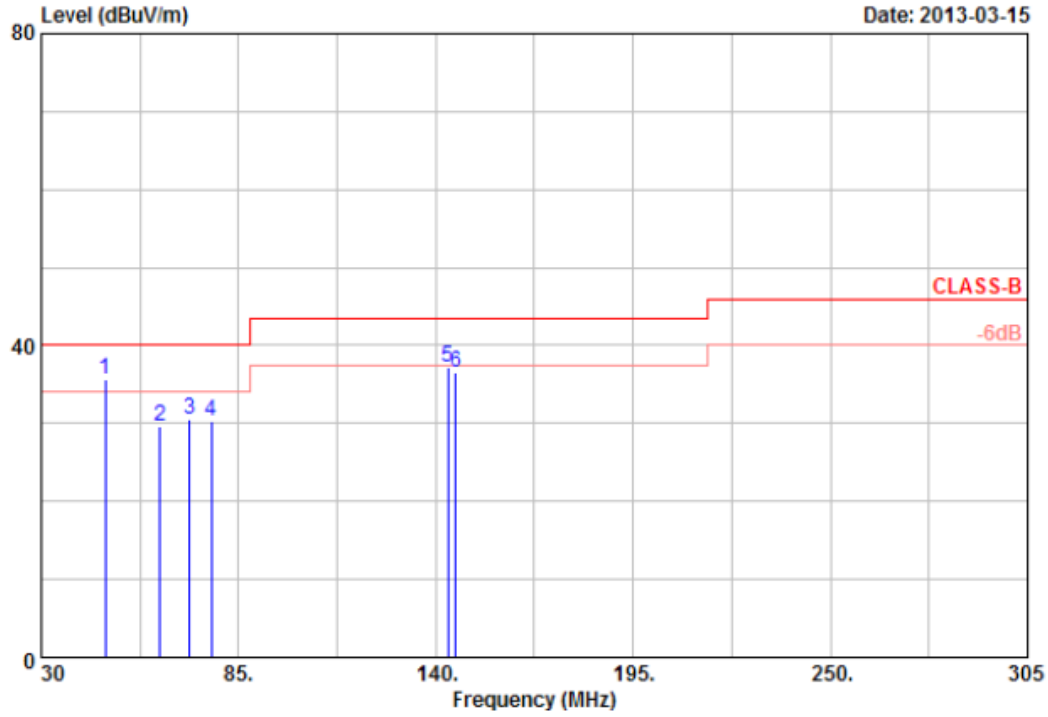


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	50.91	-7.95	42.96	46.00	-3.04	QP	100	0
2	625.50	41.76	0.57	42.33	46.00	-3.67	QP	100	0
3	662.60	43.28	-1.14	42.14	46.00	-3.86	QP	100	0
4	749.40	33.25	5.06	38.31	46.00	-7.69	Peak	100	0
5	800.50	33.32	5.56	38.88	46.00	-7.12	Peak	100	0
6	875.40	33.18	9.53	42.71	46.00	-3.29	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

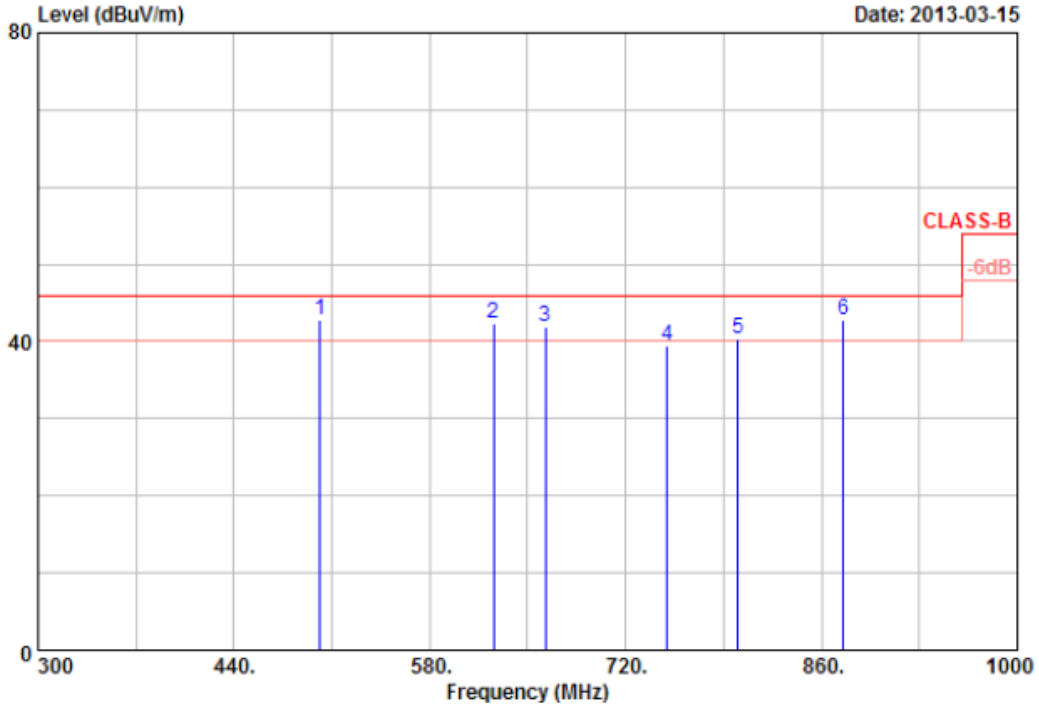


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	47.88	44.33	-8.70	35.63	40.00	-4.37	QP	100	360
2	63.00	48.04	-18.50	29.54	40.00	-10.46	Peak	100	360
3	71.25	52.12	-21.60	30.52	40.00	-9.48	Peak	100	360
4	77.30	50.19	-19.83	30.36	40.00	-9.64	Peak	100	360
5	143.30	51.81	-14.65	37.16	43.50	-6.34	Peak	100	360
6	145.50	51.28	-14.65	36.63	43.50	-6.87	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	24 °C
Memo	:	Model No. UAP-AC	Humidity	:	62 %

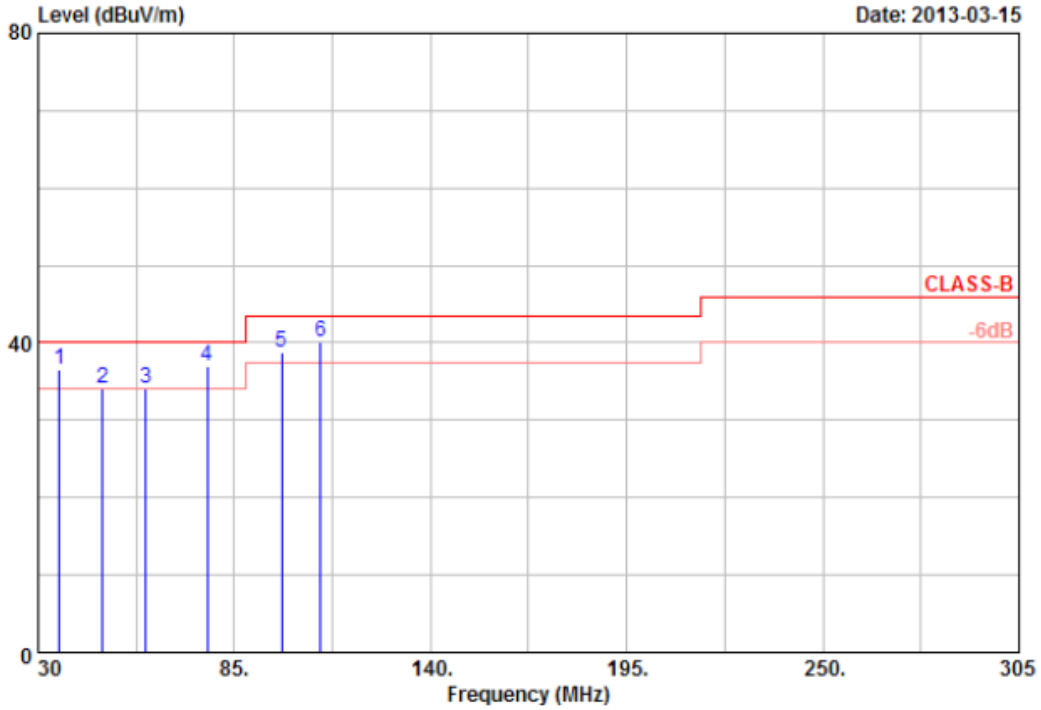


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	501.60	42.58	0.10	42.68	46.00	-3.32	QP	100	0
2	625.50	38.16	4.23	42.39	46.00	-3.61	QP	100	0
3	662.60	42.20	-0.27	41.93	46.00	-4.07	QP	100	0
4	749.40	36.66	2.67	39.33	46.00	-6.67	Peak	100	0
5	800.50	34.24	6.14	40.38	46.00	-5.62	QP	100	0
6	875.40	37.97	4.88	42.85	46.00	-3.15	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

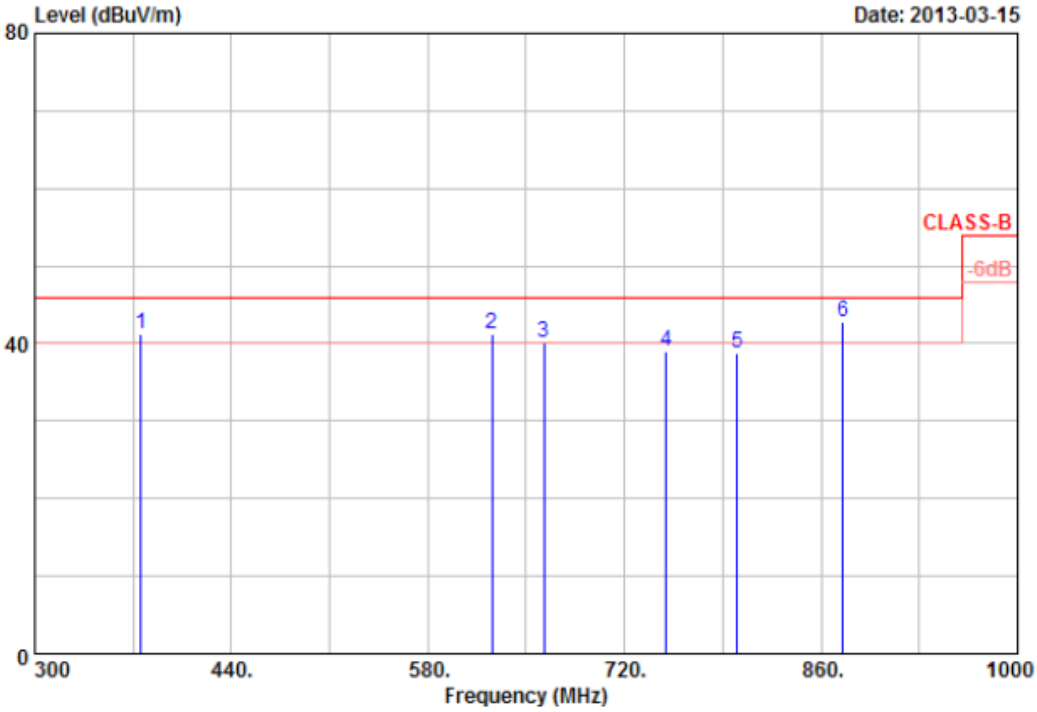


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.43	-1.94	36.49	40.00	-3.51	QP	100	360
2	48.15	38.89	-4.74	34.15	40.00	-5.85	QP	100	360
3	60.25	45.02	-10.86	34.16	40.00	-5.84	QP	100	360
4	77.30	45.76	-8.84	36.92	40.00	-3.08	QP	100	360
5	98.20	47.88	-8.99	38.89	43.50	-4.61	QP	100	360
6	109.20	47.30	-7.26	40.04	43.50	-3.46	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

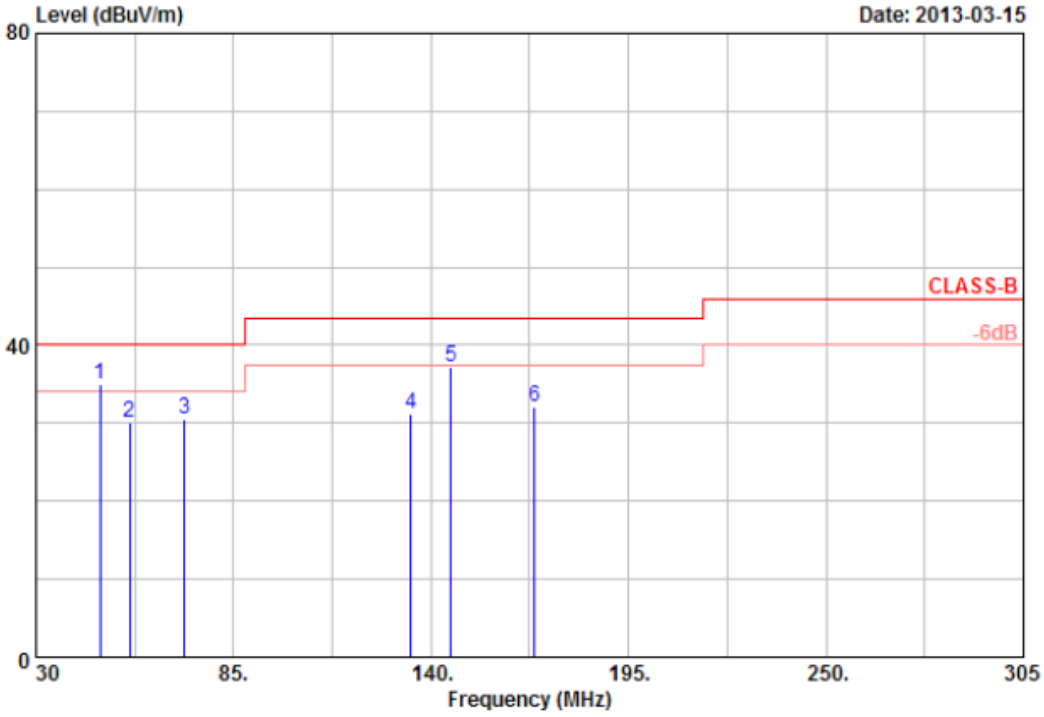


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	49.25	-7.95	41.30	46.00	-4.70	QP	100	0
2	625.50	40.75	0.57	41.32	46.00	-4.68	QP	100	0
3	662.60	41.35	-1.14	40.21	46.00	-5.79	QP	100	0
4	749.40	34.01	5.06	39.07	46.00	-6.93	Peak	100	0
5	800.50	33.32	5.56	38.88	46.00	-7.12	Peak	100	0
6	875.40	33.17	9.53	42.70	46.00	-3.30	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

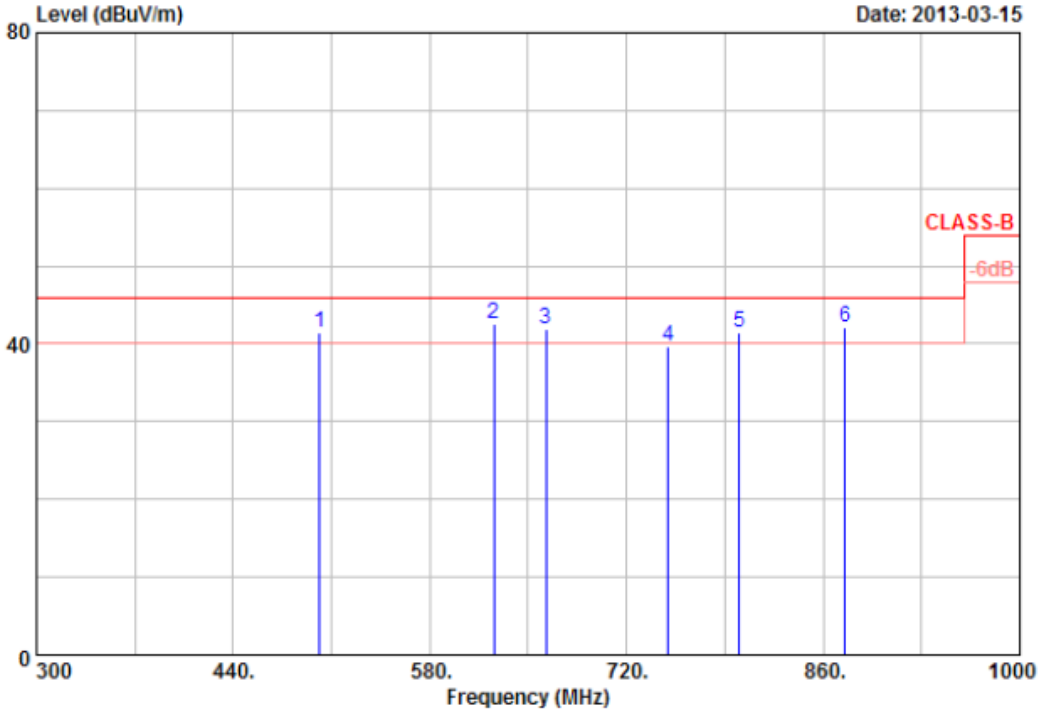


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	47.88	43.74	-8.70	35.04	40.00	-4.96	QP	100	360
2	56.13	43.09	-12.99	30.10	40.00	-9.90	Peak	100	360
3	71.25	52.05	-21.60	30.45	40.00	-9.55	Peak	100	360
4	134.50	46.08	-14.98	31.10	43.50	-12.40	Peak	100	360
5	145.50	51.95	-14.65	37.30	43.50	-6.20	Peak	100	360
6	168.88	44.35	-12.17	32.18	43.50	-11.32	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	24 °C
Memo	:	Model No. UAP-AC	Humidity	:	62 %

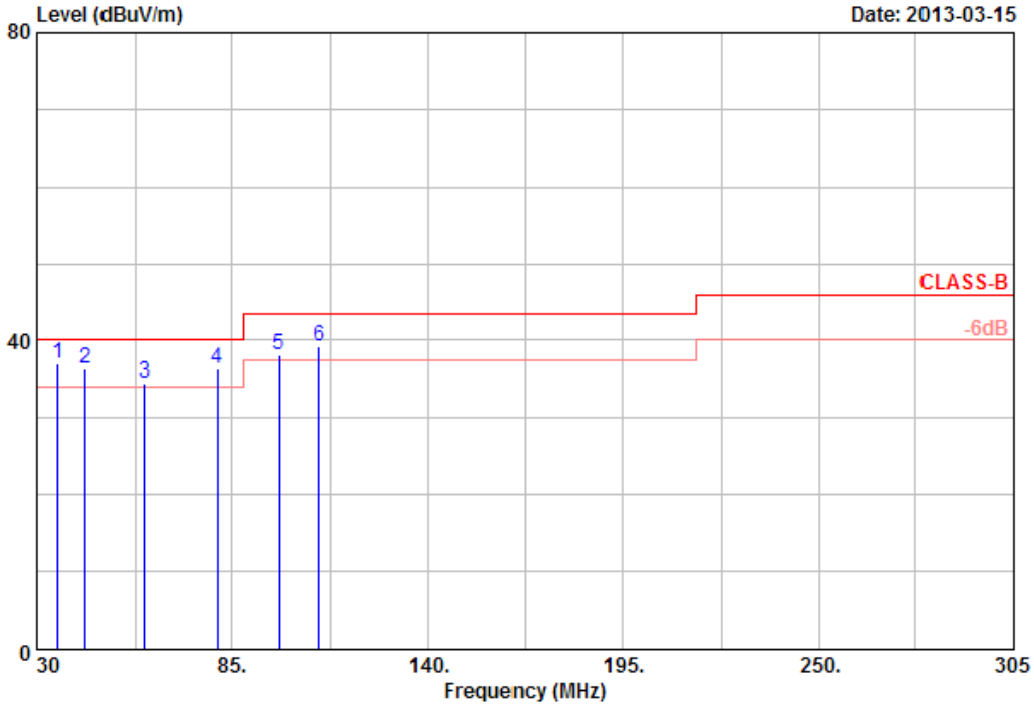


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	501.60	41.36	0.10	41.46	46.00	-4.54	QP	100	0
2	625.50	38.32	4.23	42.55	46.00	-3.45	QP	100	0
3	662.60	42.27	-0.27	42.00	46.00	-4.00	QP	100	0
4	749.40	36.92	2.67	39.59	46.00	-6.41	Peak	100	0
5	800.50	35.34	6.14	41.48	46.00	-4.52	QP	100	0
6	875.40	37.31	4.88	42.19	46.00	-3.81	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

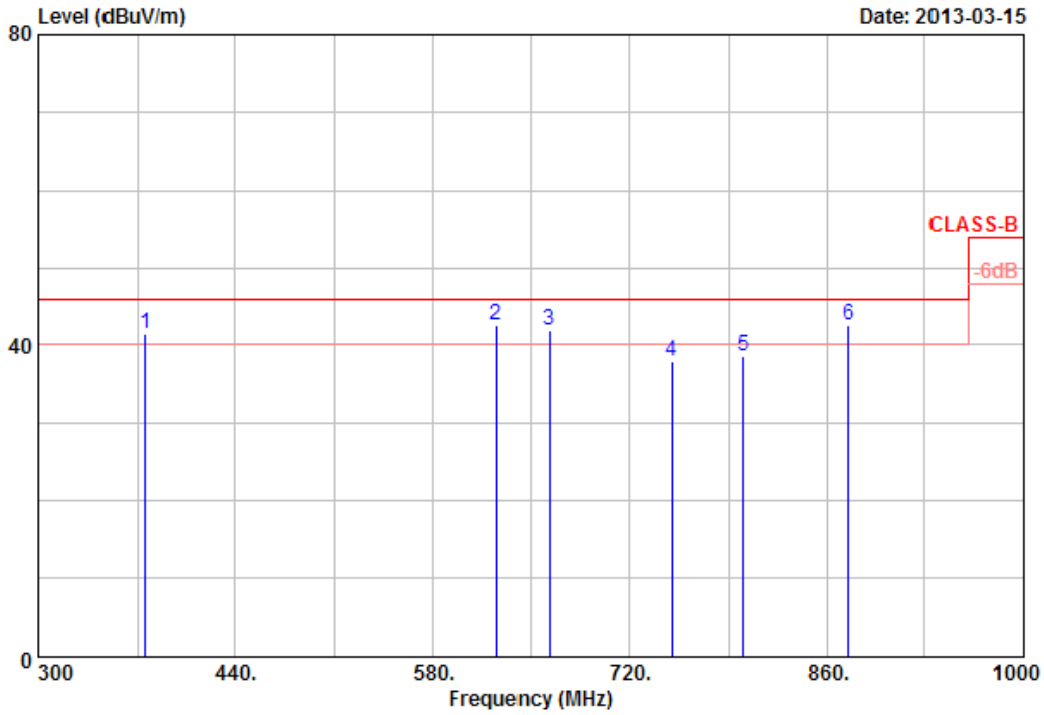


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.89	-1.94	36.95	40.00	-3.05	QP	100	360
2	43.75	37.49	-1.22	36.27	40.00	-3.73	QP	100	360
3	60.25	45.48	-10.86	34.62	40.00	-5.38	QP	100	360
4	80.88	43.74	-7.48	36.26	40.00	-3.74	QP	100	360
5	98.20	47.20	-8.99	38.21	43.50	-5.29	QP	100	360
6	109.20	46.47	-7.26	39.21	43.50	-4.29	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

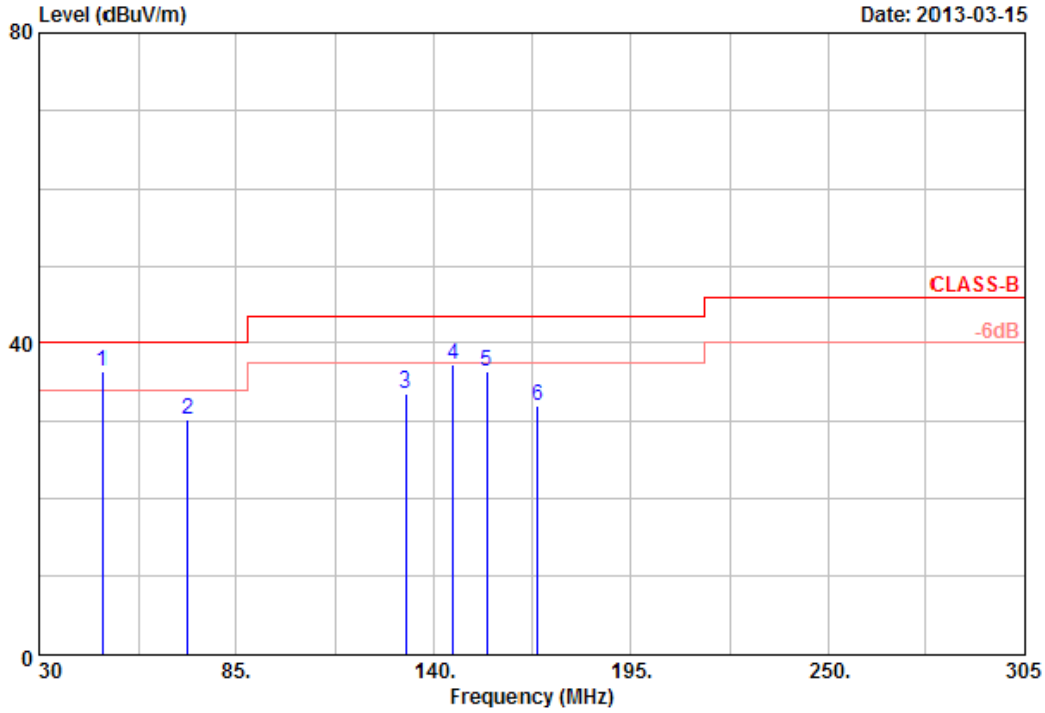


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	49.29	-7.95	41.34	46.00	-4.66	QP	100	0
2	625.50	42.04	0.57	42.61	46.00	-3.39	QP	100	0
3	662.60	42.98	-1.14	41.84	46.00	-4.16	QP	100	0
4	750.10	32.80	5.11	37.91	46.00	-8.09	Peak	100	0
5	800.50	32.89	5.56	38.45	46.00	-7.55	Peak	100	0
6	875.40	32.93	9.53	42.46	46.00	-3.54	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

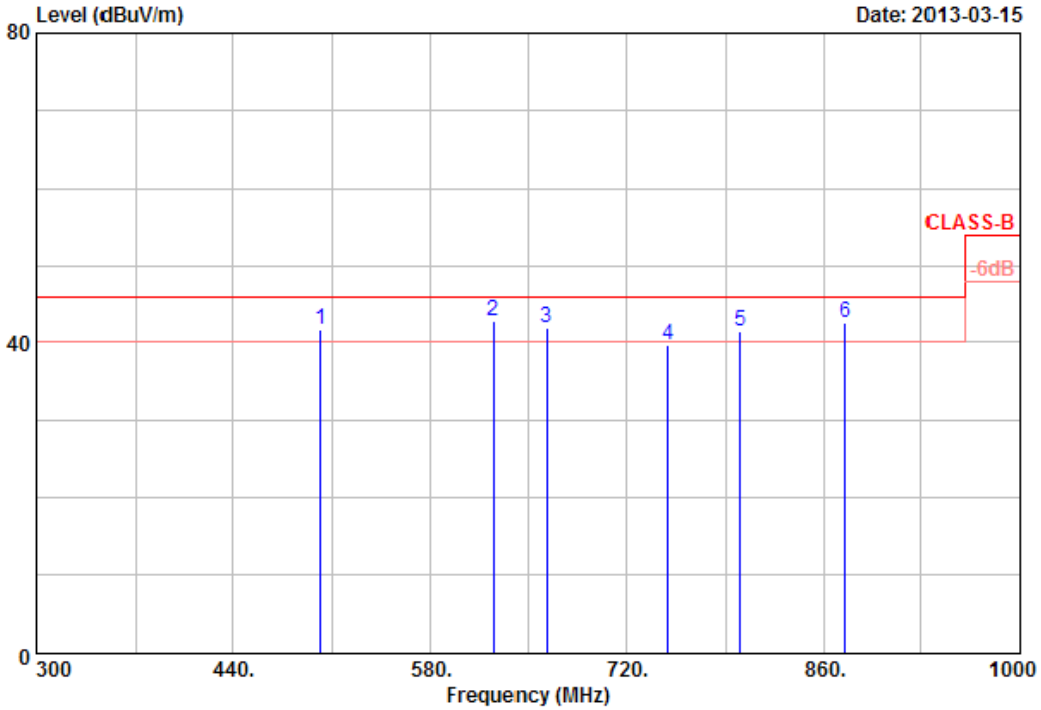


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	47.88	45.05	-8.70	36.35	40.00	-3.65	QP	100	360
2	71.25	51.90	-21.60	30.30	40.00	-9.70	Peak	100	360
3	132.30	49.99	-16.28	33.71	43.50	-9.79	Peak	100	360
4	145.50	51.85	-14.65	37.20	43.50	-6.30	Peak	100	360
5	155.13	51.89	-15.63	36.26	43.50	-7.24	Peak	100	360
6	168.88	44.16	-12.17	31.99	43.50	-11.51	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

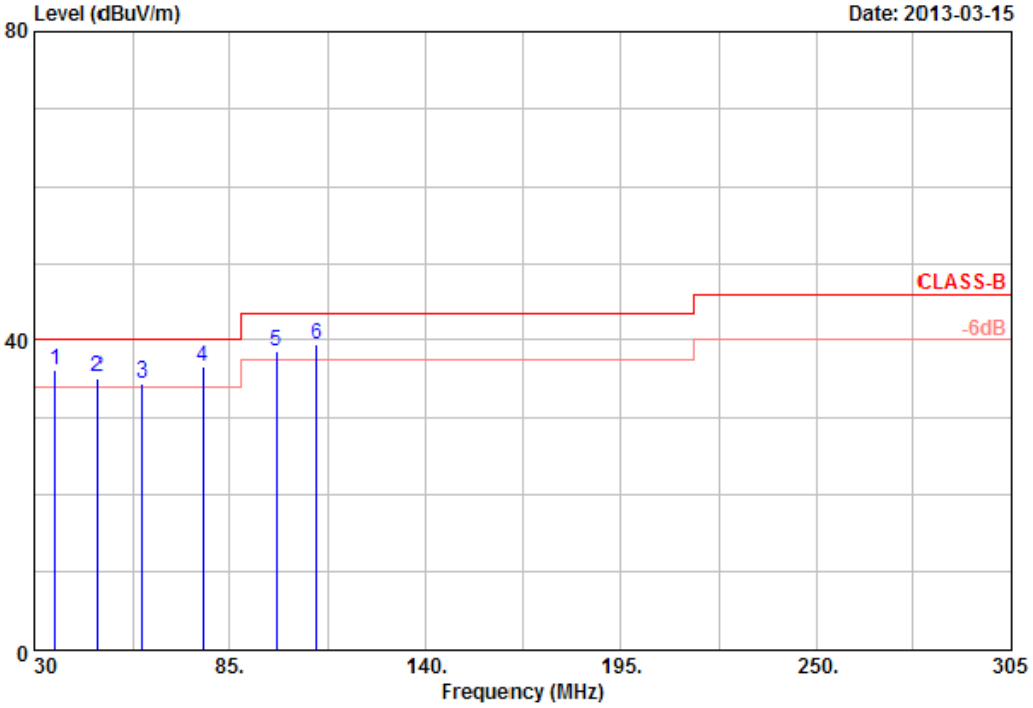


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	501.60	41.63	0.10	41.73	46.00	-4.27	QP	100	0
2	625.50	38.63	4.23	42.86	46.00	-3.14	QP	100	0
3	662.60	42.19	-0.27	41.92	46.00	-4.08	QP	100	0
4	749.40	37.04	2.67	39.71	46.00	-6.29	Peak	100	0
5	800.50	35.30	6.14	41.44	46.00	-4.56	QP	100	0
6	875.40	37.68	4.88	42.56	46.00	-3.44	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

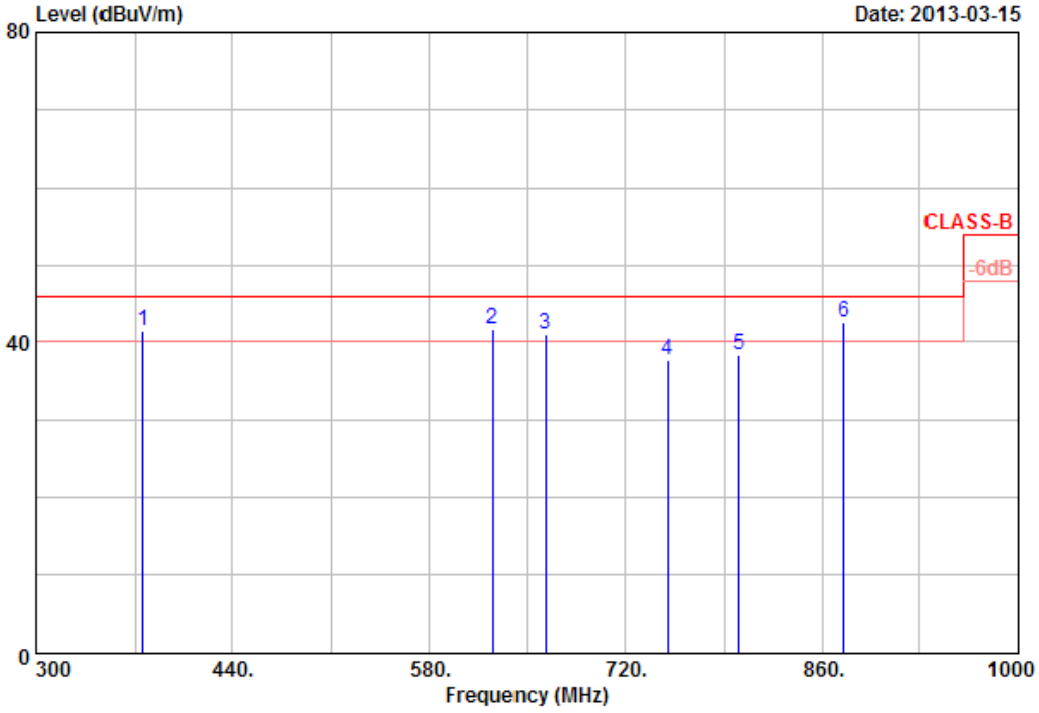


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.14	-1.94	36.20	40.00	-3.80	QP	100	360
2	47.88	39.73	-4.42	35.31	40.00	-4.69	QP	100	360
3	60.25	45.34	-10.86	34.48	40.00	-5.52	QP	100	360
4	77.30	45.41	-8.84	36.57	40.00	-3.43	QP	100	360
5	98.20	47.57	-8.99	38.58	43.50	-4.92	QP	100	360
6	109.20	46.78	-7.26	39.52	43.50	-3.98	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

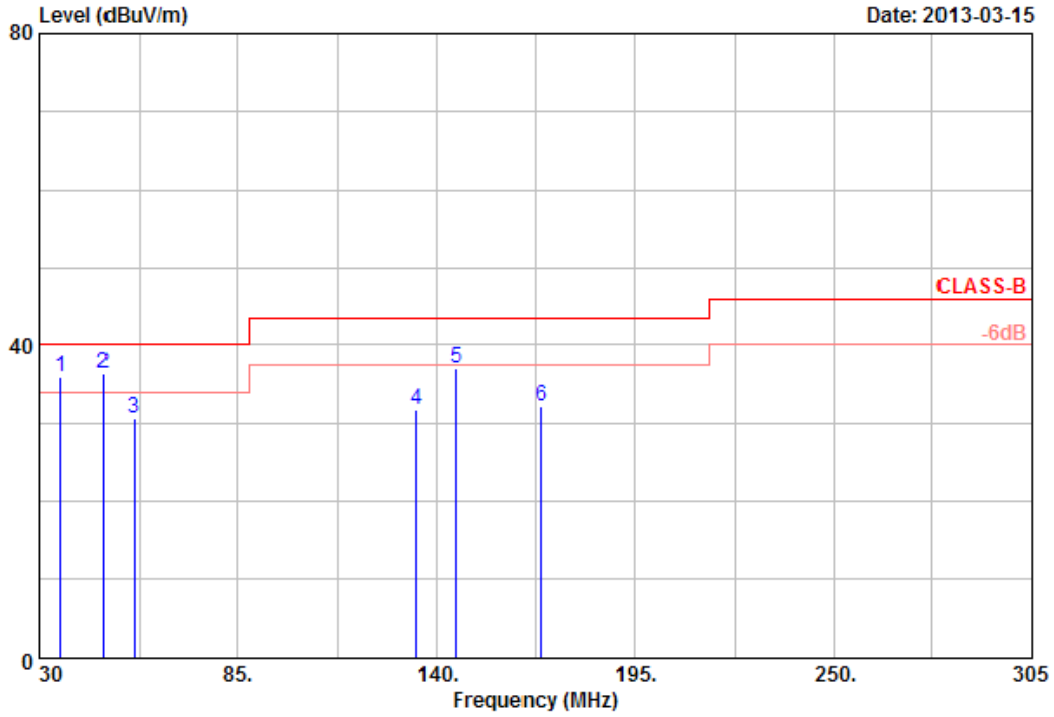


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	49.42	-7.95	41.47	46.00	-4.53	QP	100	0
2	625.50	41.17	0.57	41.74	46.00	-4.26	QP	100	0
3	662.60	42.11	-1.14	40.97	46.00	-5.03	QP	100	0
4	750.10	32.60	5.11	37.71	46.00	-8.29	Peak	100	0
5	800.50	32.83	5.56	38.39	46.00	-7.61	Peak	100	0
6	875.40	33.12	9.53	42.65	46.00	-3.35	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

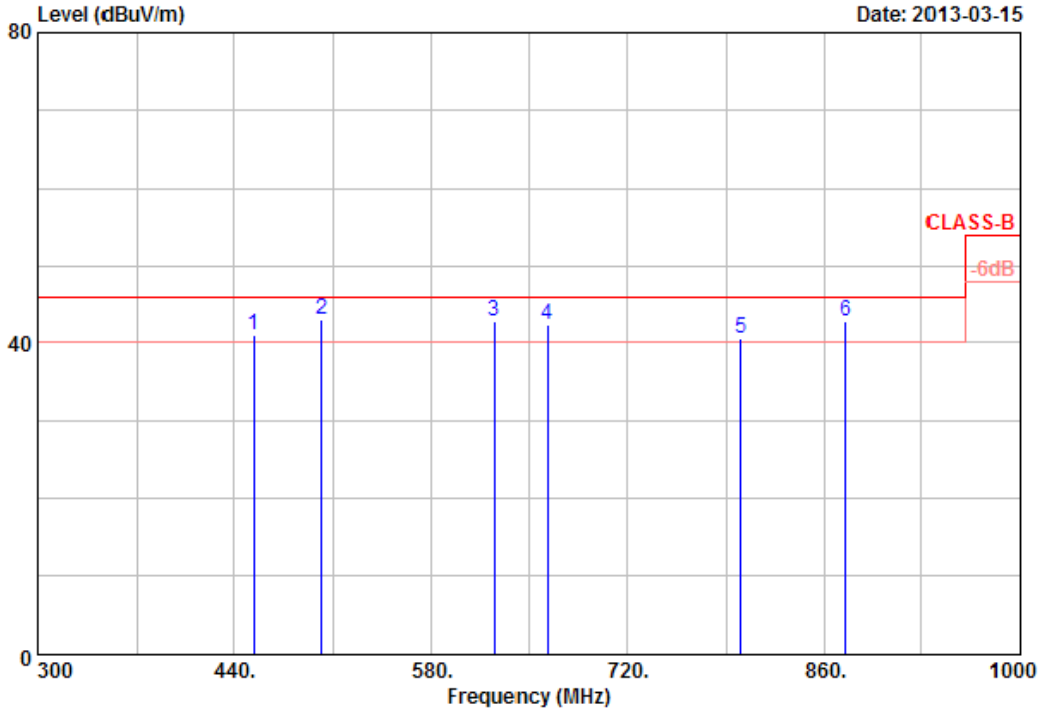


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	42.57	-6.78	35.79	40.00	-4.21	QP	100	360
2	47.88	44.92	-8.70	36.22	40.00	-3.78	QP	100	360
3	56.13	43.78	-12.99	30.79	40.00	-9.21	Peak	100	360
4	134.50	46.82	-14.98	31.84	43.50	-11.66	Peak	100	360
5	145.50	51.67	-14.65	37.02	43.50	-6.48	Peak	100	360
6	168.88	44.47	-12.17	32.30	43.50	-11.20	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

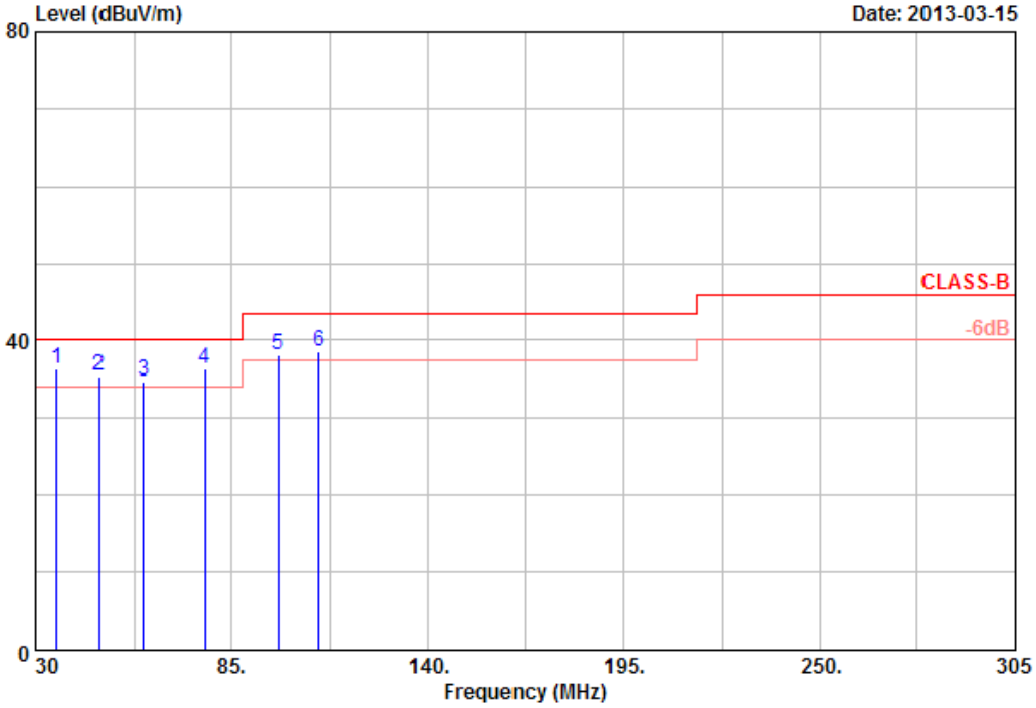


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	454.00	45.72	-4.67	41.05	46.00	-4.95	QP	100	0
2	501.60	42.90	0.10	43.00	46.00	-3.00	QP	100	0
3	625.50	38.62	4.23	42.85	46.00	-3.15	QP	100	0
4	662.60	42.52	-0.27	42.25	46.00	-3.75	QP	100	0
5	800.50	34.34	6.14	40.48	46.00	-5.52	QP	100	0
6	875.40	37.93	4.88	42.81	46.00	-3.19	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 6	:	802.11ac VHT80, CH155	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

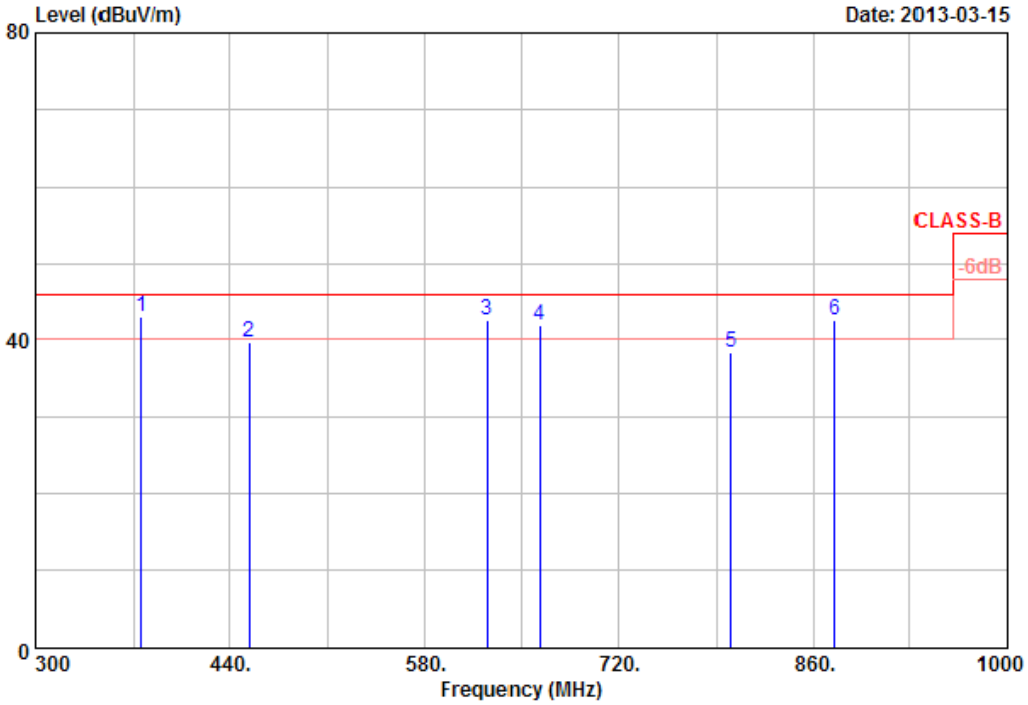


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.29	-1.94	36.35	40.00	-3.65	QP	100	360
2	47.88	39.79	-4.42	35.37	40.00	-4.63	QP	100	360
3	60.25	45.54	-10.86	34.68	40.00	-5.32	QP	100	360
4	77.30	45.25	-8.84	36.41	40.00	-3.59	QP	100	360
5	98.20	47.18	-8.99	38.19	43.50	-5.31	QP	100	360
6	109.20	45.81	-7.26	38.55	43.50	-4.95	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 6	:	802.11ac VHT80, CH155	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

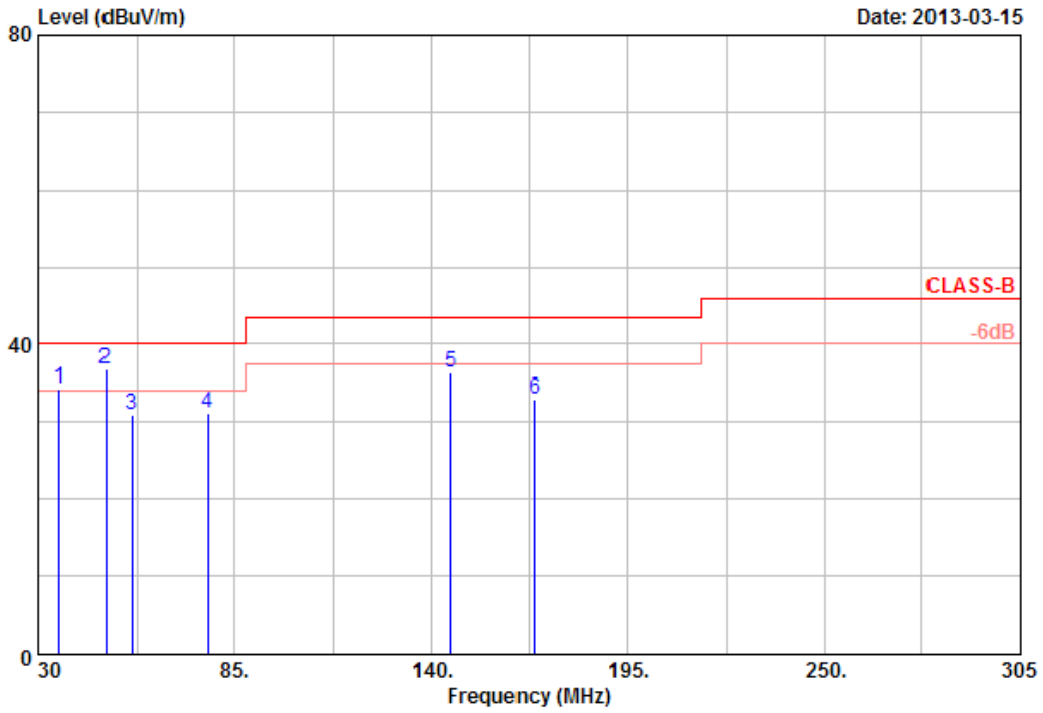


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	50.91	-7.95	42.96	46.00	-3.04	QP	100	0
2	454.00	47.86	-8.08	39.78	46.00	-6.22	Peak	100	0
3	625.50	41.99	0.57	42.56	46.00	-3.44	QP	100	0
4	662.60	43.08	-1.14	41.94	46.00	-4.06	QP	100	0
5	800.50	32.82	5.56	38.38	46.00	-7.62	Peak	100	0
6	875.40	33.13	9.53	42.66	46.00	-3.34	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	802.11ac VHT80, CH155	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

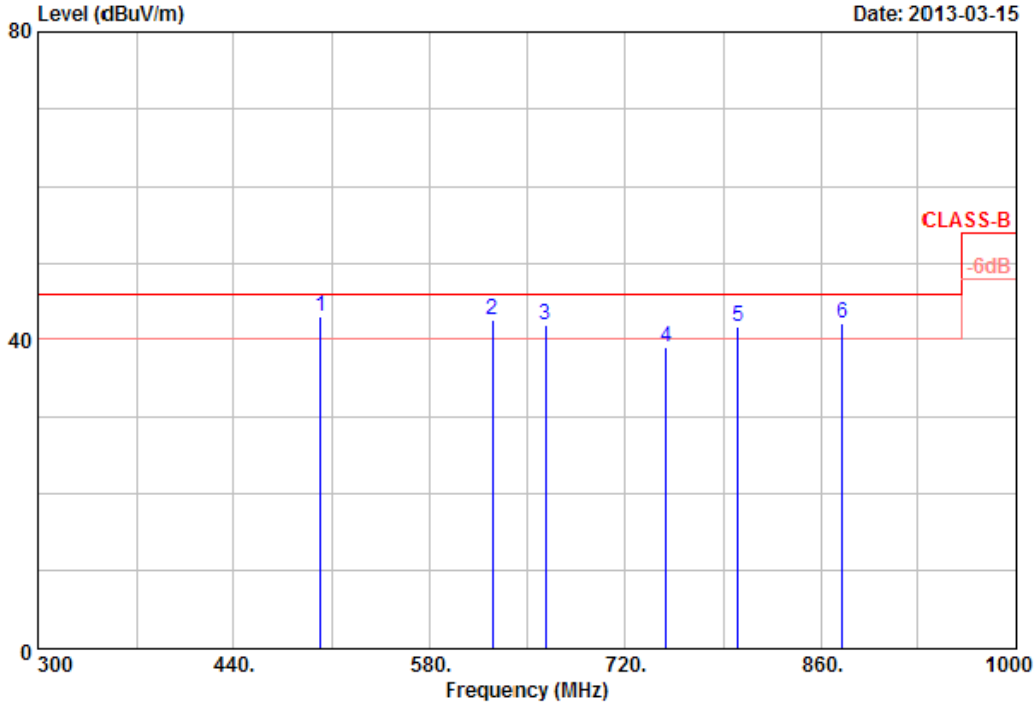


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	41.01	-6.78	34.23	40.00	-5.77	QP	100	360
2	48.70	45.53	-8.83	36.70	40.00	-3.30	QP	100	360
3	56.13	44.03	-12.99	31.04	40.00	-8.96	Peak	100	360
4	77.30	51.10	-19.83	31.27	40.00	-8.73	Peak	100	360
5	145.50	51.01	-14.65	36.36	43.50	-7.14	Peak	100	360
6	168.88	45.18	-12.17	33.01	43.50	-10.49	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	802.11ac VHT80, CH155	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %

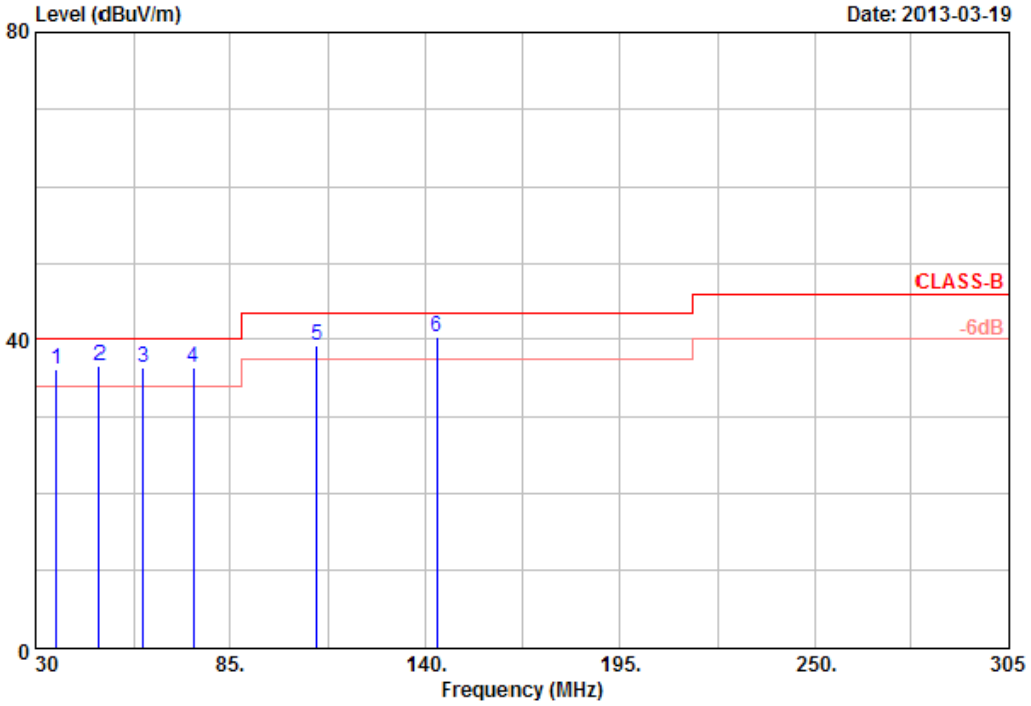


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	501.60	42.90	0.10	43.00	46.00	-3.00	QP	100	0
2	625.50	38.38	4.23	42.61	46.00	-3.39	QP	100	0
3	662.60	42.27	-0.27	42.00	46.00	-4.00	QP	100	0
4	749.40	36.43	2.67	39.10	46.00	-6.90	Peak	100	0
5	800.50	35.62	6.14	41.76	46.00	-4.24	QP	100	0
6	875.40	37.20	4.88	42.08	46.00	-3.92	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

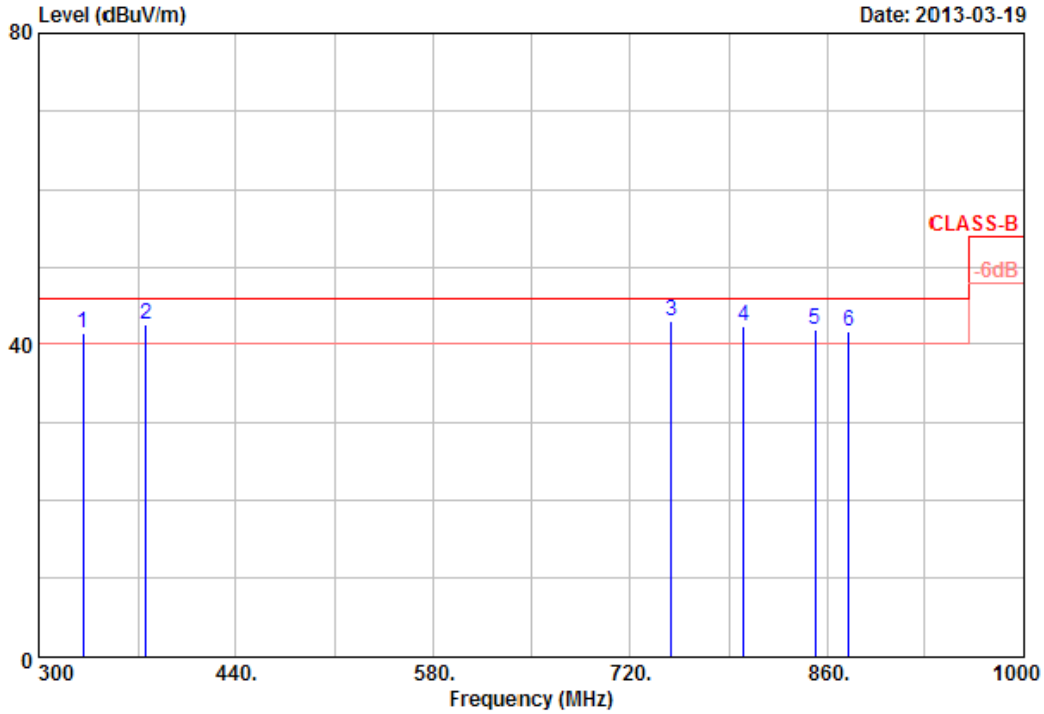


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.14	-1.94	36.20	40.00	-3.80	QP	100	360
2	48.15	41.39	-4.74	36.65	40.00	-3.35	QP	100	360
3	60.25	47.17	-10.86	36.31	40.00	-3.69	QP	100	360
4	74.55	46.34	-10.11	36.23	40.00	-3.77	QP	100	360
5	109.20	46.46	-7.26	39.20	43.50	-4.30	QP	100	360
6	143.30	48.76	-8.50	40.26	43.50	-3.24	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

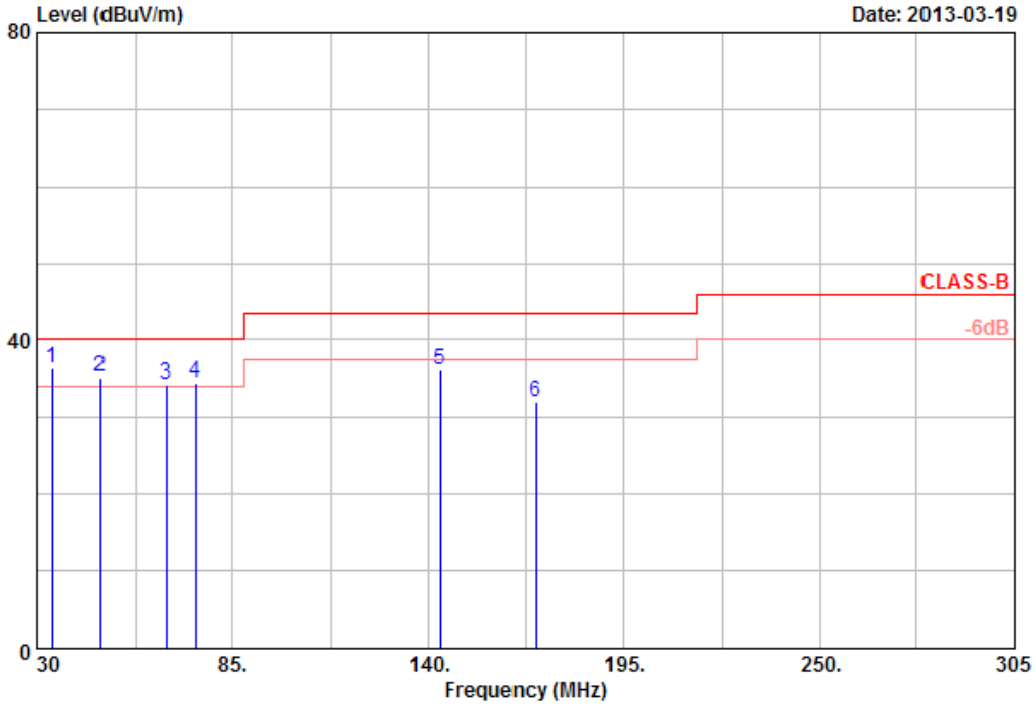


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	331.50	48.98	-7.64	41.34	46.00	-4.66	QP	100	0
2	375.60	50.61	-7.95	42.66	46.00	-3.34	QP	100	0
3	749.40	37.91	5.06	42.97	46.00	-3.03	QP	100	0
4	800.50	36.83	5.56	42.39	46.00	-3.61	QP	100	0
5	851.60	32.48	9.47	41.95	46.00	-4.05	QP	100	0
6	875.40	32.21	9.53	41.74	46.00	-4.26	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

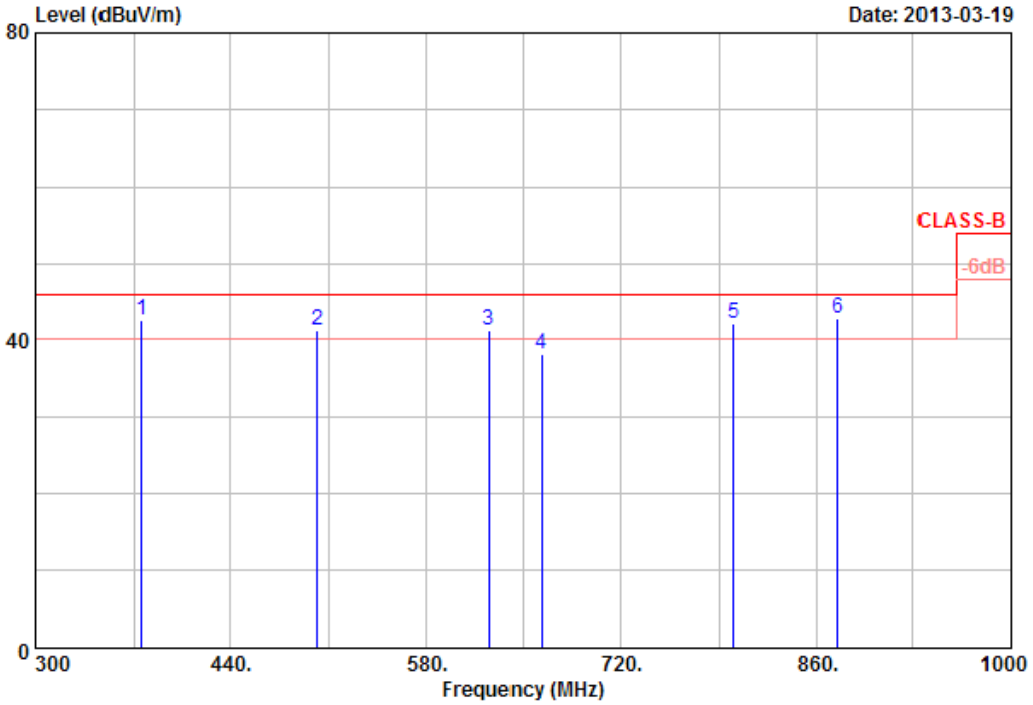


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	34.13	42.88	-6.47	36.41	40.00	-3.59	QP	100	360
2	47.88	43.93	-8.70	35.23	40.00	-4.77	QP	100	360
3	66.30	54.18	-19.96	34.22	40.00	-5.78	QP	100	360
4	74.55	55.43	-20.94	34.49	40.00	-5.51	QP	100	360
5	143.30	50.67	-14.65	36.02	43.50	-7.48	Peak	100	360
6	169.98	43.15	-10.97	32.18	43.50	-11.32	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH1	Temperature	:	24 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	62 %

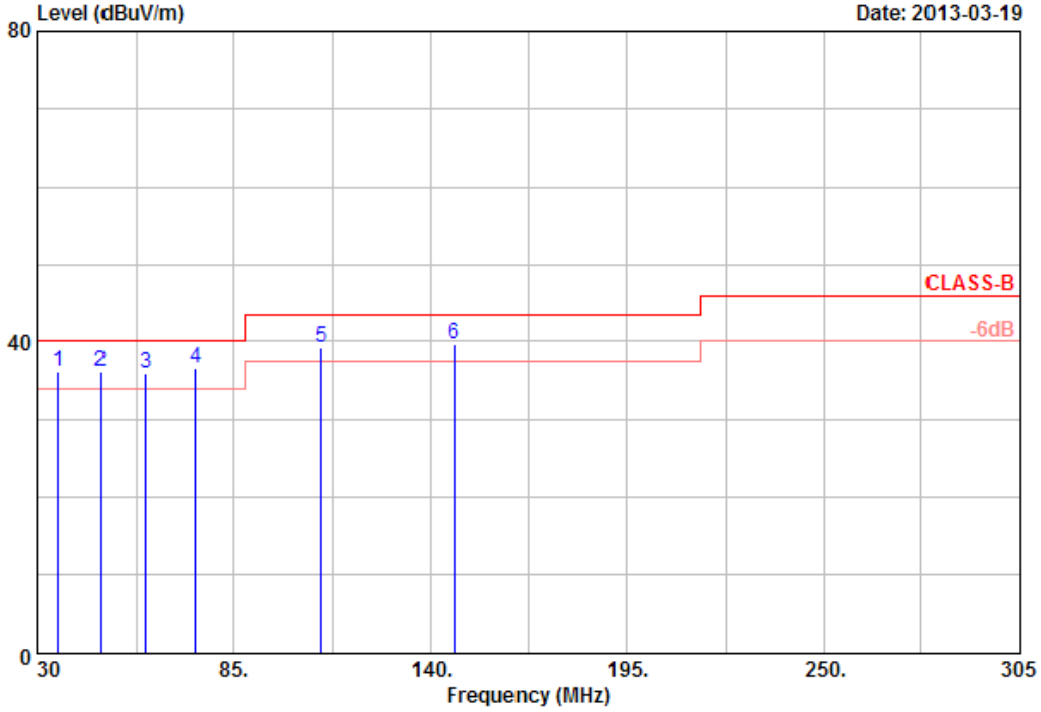


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	54.28	-11.68	42.60	46.00	-3.40	QP	100	0
2	501.60	41.17	0.10	41.27	46.00	-4.73	QP	100	0
3	625.50	36.96	4.23	41.19	46.00	-4.81	QP	100	0
4	662.60	38.30	-0.27	38.03	46.00	-7.97	Peak	100	0
5	800.50	36.04	6.14	42.18	46.00	-3.82	QP	100	0
6	875.40	37.89	4.88	42.77	46.00	-3.23	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

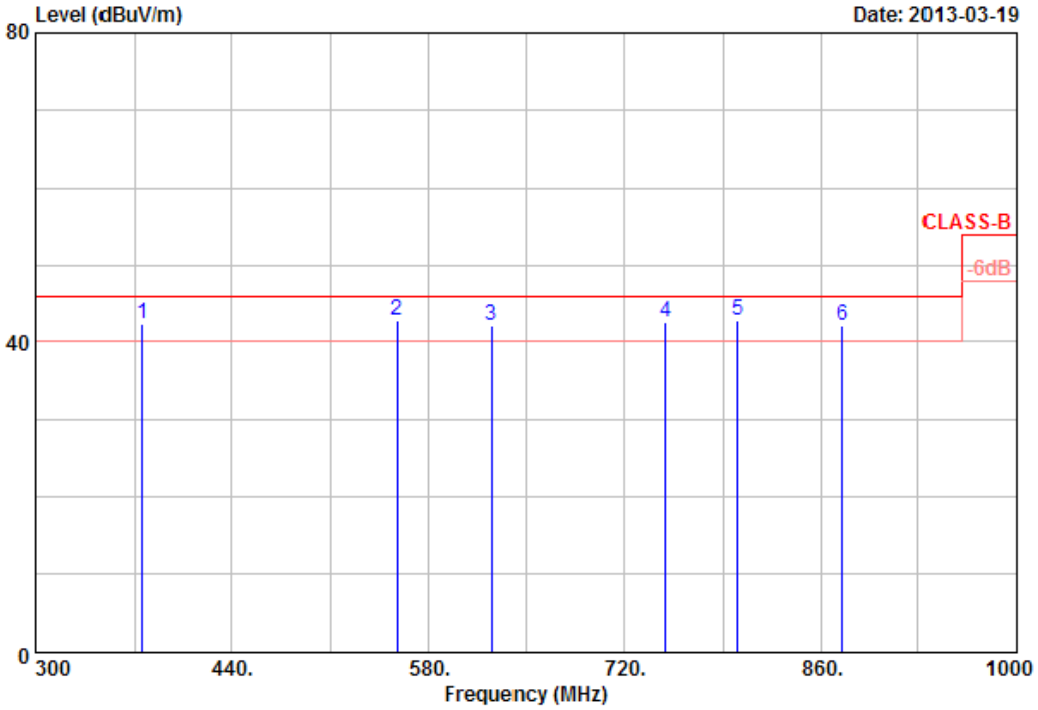


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	37.99	-1.94	36.05	40.00	-3.95	QP	100	360
2	47.88	40.61	-4.42	36.19	40.00	-3.81	QP	100	360
3	60.25	46.72	-10.86	35.86	40.00	-4.14	QP	100	360
4	74.28	46.79	-10.15	36.64	40.00	-3.36	QP	100	360
5	109.20	46.41	-7.26	39.15	43.50	-4.35	QP	100	360
6	146.88	49.42	-9.86	39.56	43.50	-3.94	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

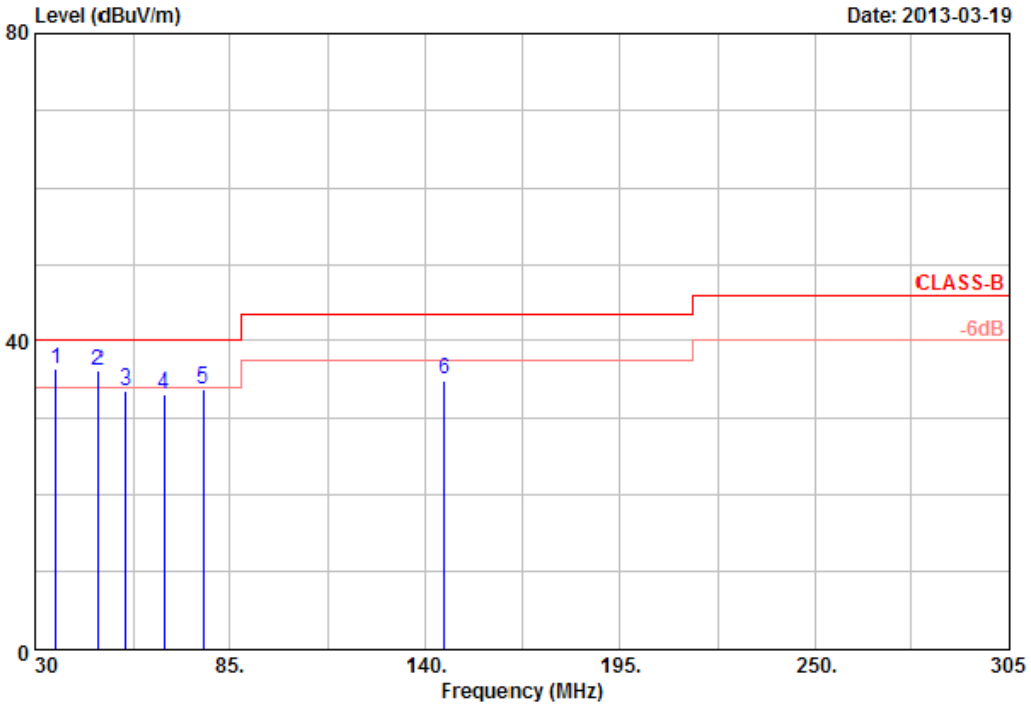


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	50.29	-7.95	42.34	46.00	-3.66	QP	100	0
2	557.60	35.39	7.38	42.77	46.00	-3.23	QP	100	0
3	625.50	41.54	0.57	42.11	46.00	-3.89	QP	100	0
4	749.40	37.58	5.06	42.64	46.00	-3.36	QP	100	0
5	800.50	37.12	5.56	42.68	46.00	-3.32	QP	100	0
6	875.40	32.53	9.53	42.06	46.00	-3.94	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

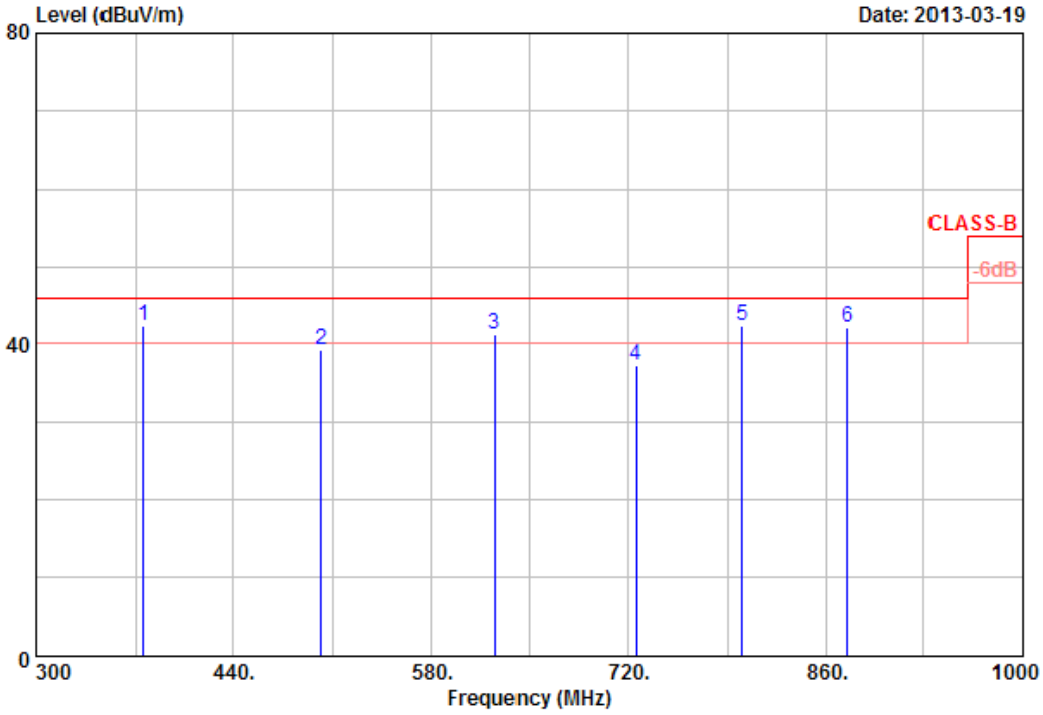


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	43.09	-6.78	36.31	40.00	-3.69	QP	100	360
2	47.88	44.80	-8.70	36.10	40.00	-3.90	QP	100	360
3	55.30	45.70	-12.06	33.64	40.00	-6.36	Peak	100	360
4	66.30	53.27	-19.96	33.31	40.00	-6.69	Peak	100	360
5	77.30	53.74	-19.83	33.91	40.00	-6.09	Peak	100	360
6	145.50	49.54	-14.65	34.89	43.50	-8.61	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	24 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	62 %

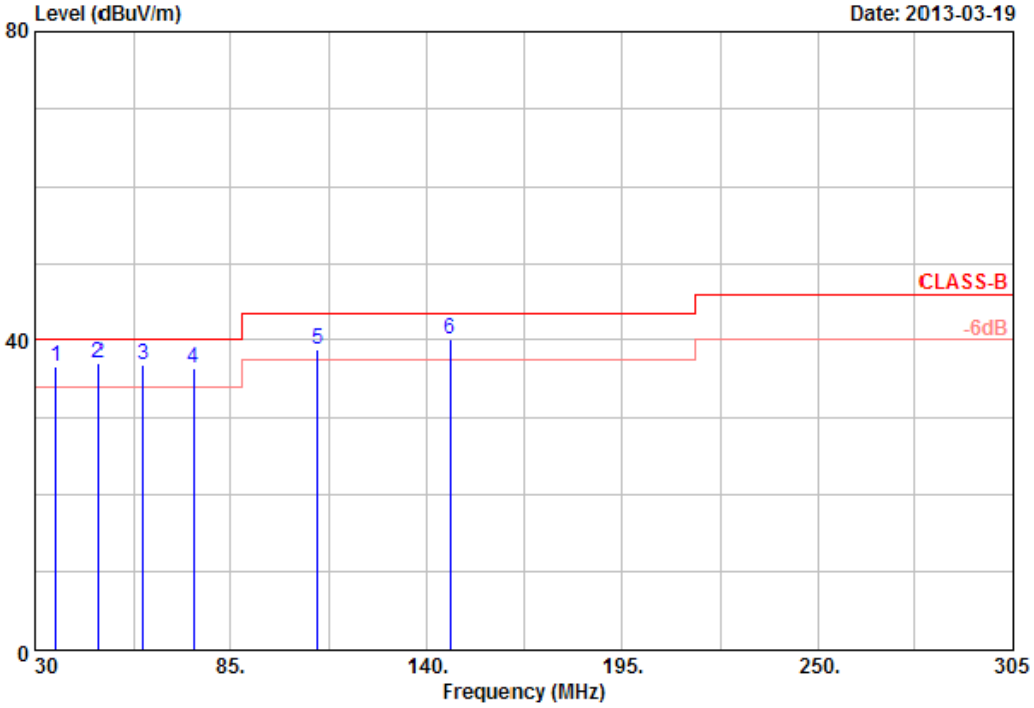


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	54.01	-11.68	42.33	46.00	-3.67	QP	100	0
2	501.60	39.22	0.10	39.32	46.00	-6.68	Peak	100	0
3	625.50	37.06	4.23	41.29	46.00	-4.71	QP	100	0
4	725.60	33.50	3.60	37.10	46.00	-8.90	Peak	100	0
5	800.50	36.09	6.14	42.23	46.00	-3.77	QP	100	0
6	875.40	37.15	4.88	42.03	46.00	-3.97	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

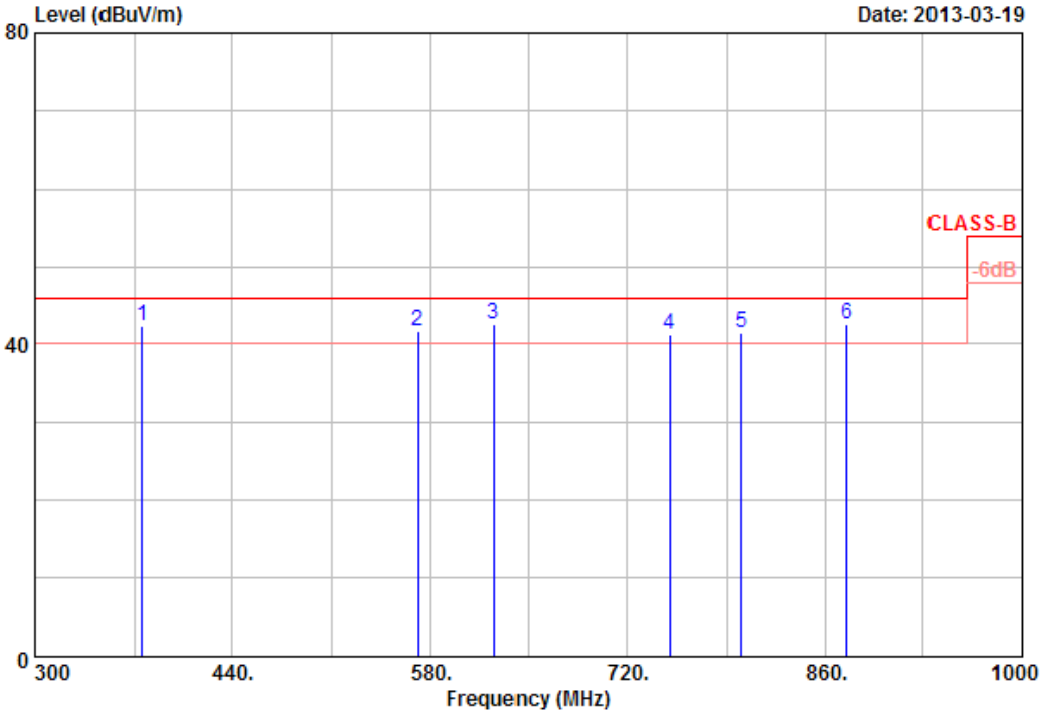


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.45	-1.94	36.51	40.00	-3.49	QP	100	360
2	47.88	41.39	-4.42	36.97	40.00	-3.03	QP	100	360
3	60.25	47.65	-10.86	36.79	40.00	-3.21	QP	100	360
4	74.55	46.52	-10.11	36.41	40.00	-3.59	QP	100	360
5	109.20	46.06	-7.26	38.80	43.50	-4.70	QP	100	360
6	146.88	49.94	-9.86	40.08	43.50	-3.42	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

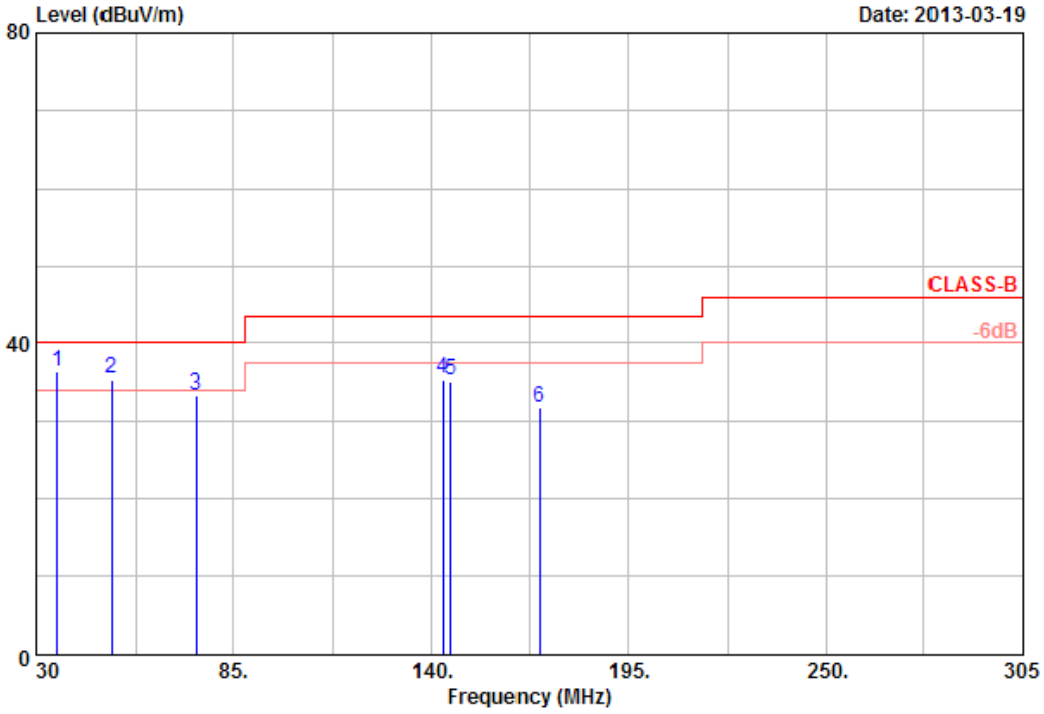


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	50.39	-7.95	42.44	46.00	-3.56	QP	100	0
2	571.60	35.05	6.71	41.76	46.00	-4.24	QP	100	0
3	625.50	42.10	0.57	42.67	46.00	-3.33	QP	100	0
4	750.10	36.01	5.11	41.12	46.00	-4.88	QP	100	0
5	800.50	35.84	5.56	41.40	46.00	-4.60	QP	100	0
6	875.40	33.00	9.53	42.53	46.00	-3.47	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

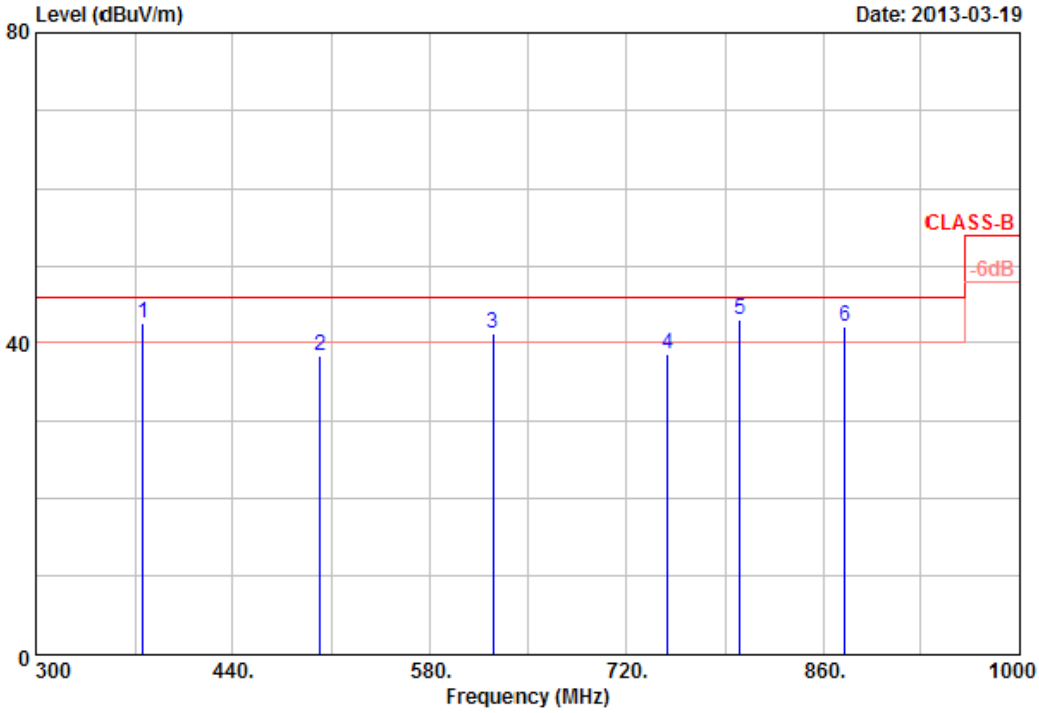


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	43.11	-6.78	36.33	40.00	-3.67	QP	100	360
2	50.63	44.86	-9.38	35.48	40.00	-4.52	QP	100	360
3	74.55	54.40	-20.94	33.46	40.00	-6.54	Peak	100	360
4	143.30	50.03	-14.65	35.38	43.50	-8.12	Peak	100	360
5	145.50	49.87	-14.65	35.22	43.50	-8.28	Peak	100	360
6	169.98	42.85	-10.97	31.88	43.50	-11.62	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH3	Temperature	:	24 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	62 %

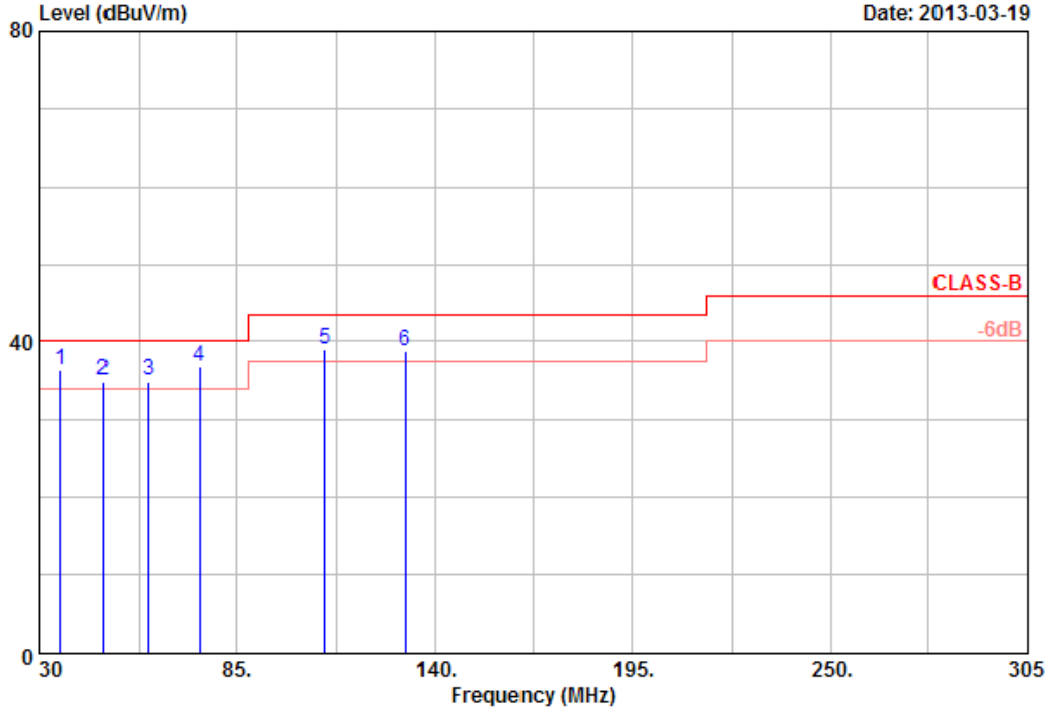


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	54.34	-11.68	42.66	46.00	-3.34	QP	100	0
2	501.60	38.28	0.10	38.38	46.00	-7.62	Peak	100	0
3	625.50	36.96	4.23	41.19	46.00	-4.81	QP	100	0
4	749.40	35.81	2.67	38.48	46.00	-7.52	Peak	100	0
5	800.50	36.77	6.14	42.91	46.00	-3.09	QP	100	0
6	875.40	37.15	4.88	42.03	46.00	-3.97	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All below 1GHz configurations are pretested among available 802.11b/g/n modes and found that the worst cases are on channel 1 of 802.11g & n20 mode and Channel 3 for n40 mode.Only worst case data concluded above were presented in this test report.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

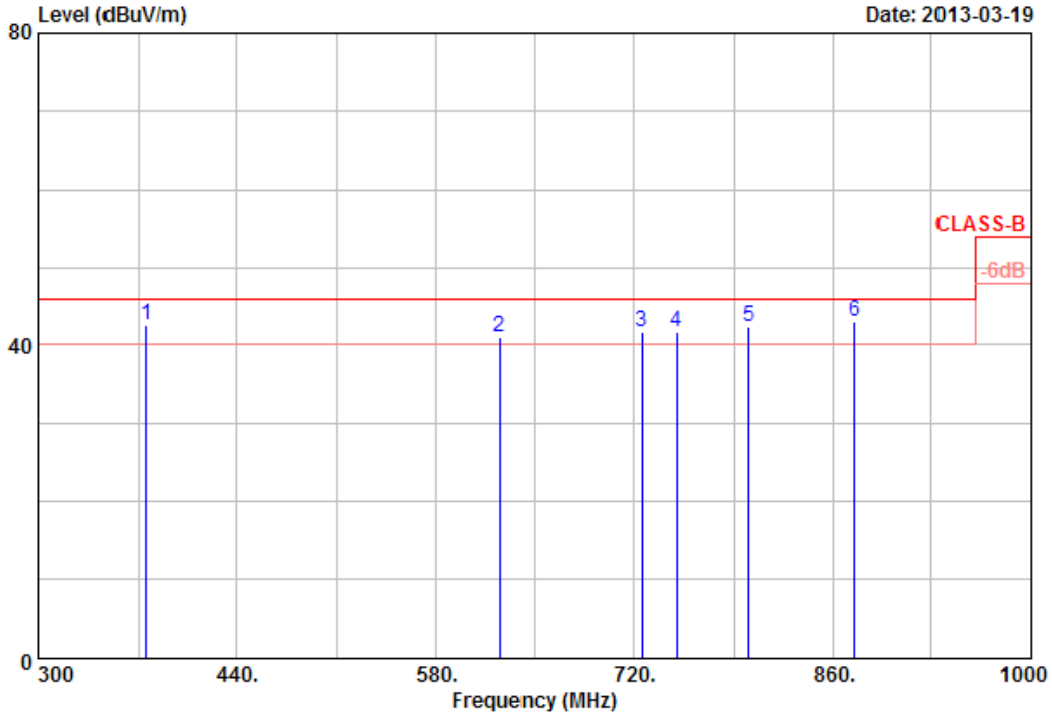


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.27	-1.94	36.33	40.00	-3.67	QP	100	360
2	47.88	39.41	-4.42	34.99	40.00	-5.01	QP	100	360
3	60.25	45.81	-10.86	34.95	40.00	-5.05	QP	100	360
4	74.55	46.81	-10.11	36.70	40.00	-3.30	QP	100	360
5	109.20	46.20	-7.26	38.94	43.50	-4.56	QP	100	360
6	131.75	46.14	-7.47	38.67	43.50	-4.83	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

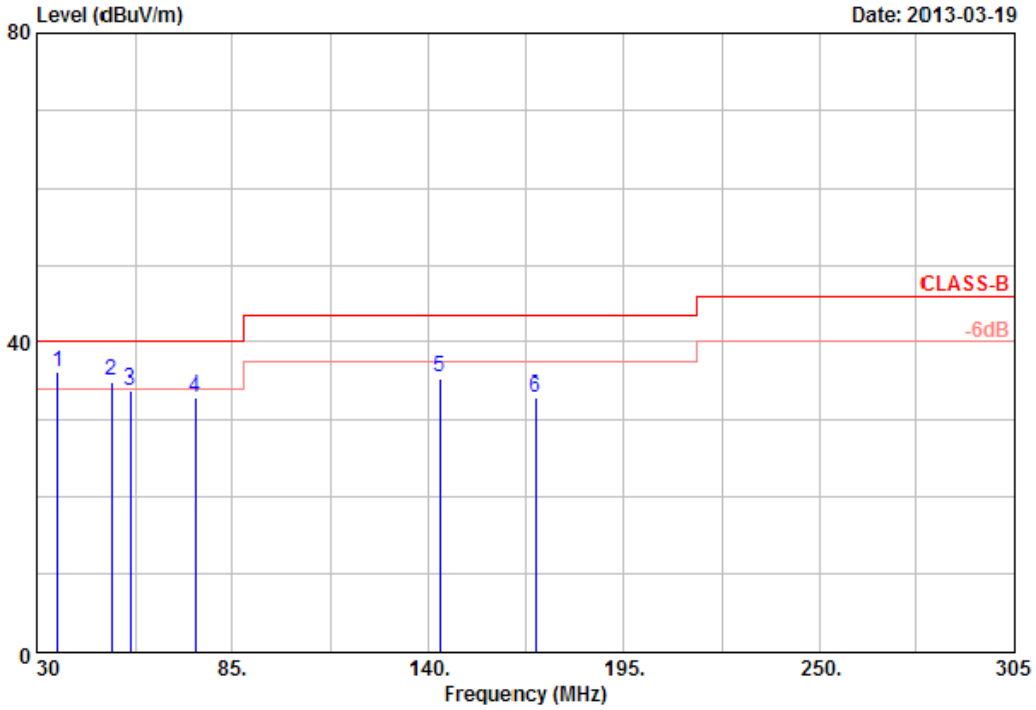


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	50.48	-7.95	42.53	46.00	-3.47	QP	100	0
2	625.50	40.46	0.57	41.03	46.00	-4.97	QP	100	0
3	725.60	35.59	6.12	41.71	46.00	-4.29	QP	100	0
4	750.10	36.48	5.11	41.59	46.00	-4.41	QP	100	0
5	800.50	36.82	5.56	42.38	46.00	-3.62	QP	100	0
6	875.40	33.40	9.53	42.93	46.00	-3.07	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

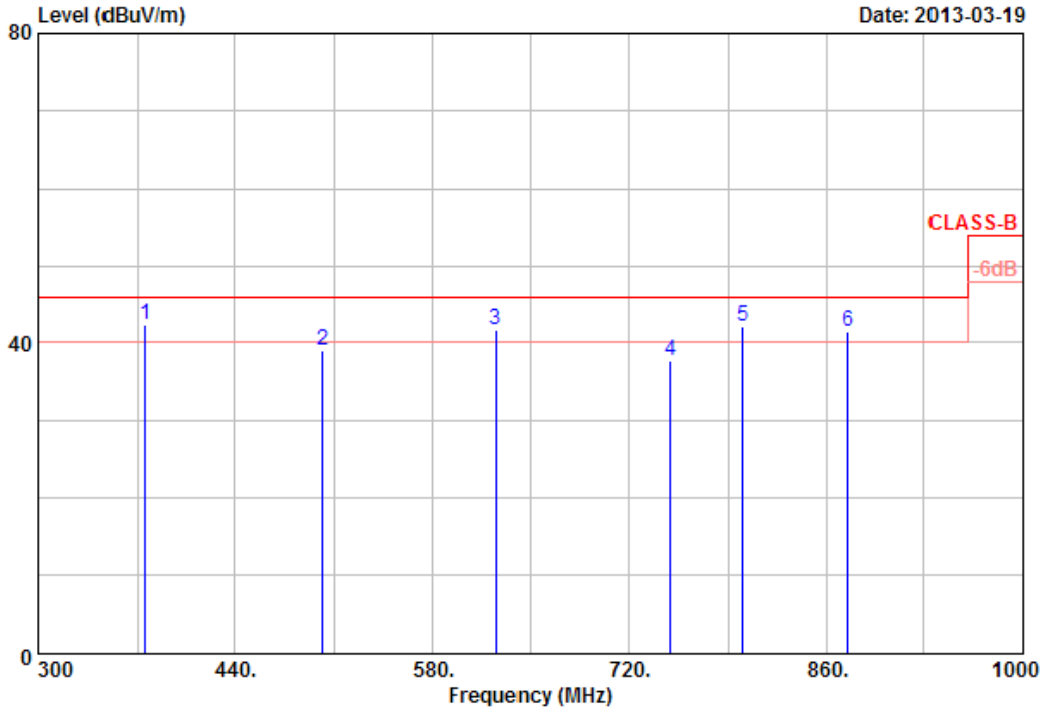


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	42.79	-6.78	36.01	40.00	-3.99	QP	100	360
2	50.63	44.42	-9.38	35.04	40.00	-4.96	QP	100	360
3	56.13	46.86	-12.99	33.87	40.00	-6.13	Peak	100	360
4	74.55	53.94	-20.94	33.00	40.00	-7.00	Peak	100	360
5	143.30	50.01	-14.65	35.36	43.50	-8.14	Peak	100	360
6	169.98	44.06	-10.97	33.09	43.50	-10.41	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20, CH149	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

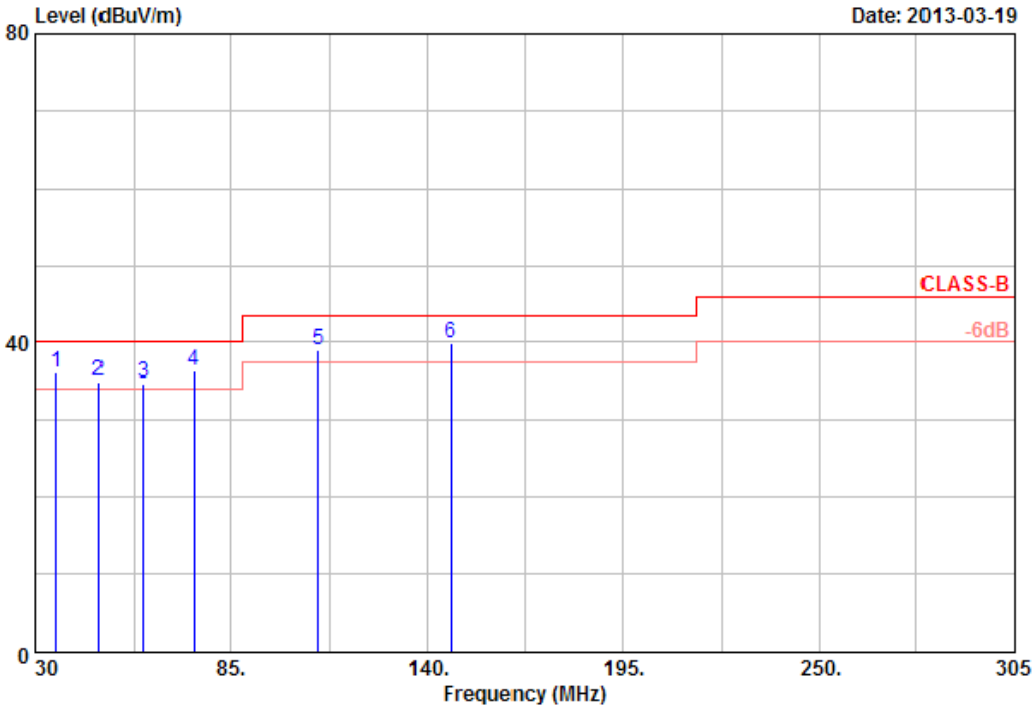


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	54.06	-11.68	42.38	46.00	-3.62	QP	100	0
2	501.60	38.83	0.10	38.93	46.00	-7.07	Peak	100	0
3	625.50	37.45	4.23	41.68	46.00	-4.32	QP	100	0
4	749.40	34.93	2.67	37.60	46.00	-8.40	Peak	100	0
5	800.50	36.00	6.14	42.14	46.00	-3.86	QP	100	0
6	875.40	36.61	4.88	41.49	46.00	-4.51	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

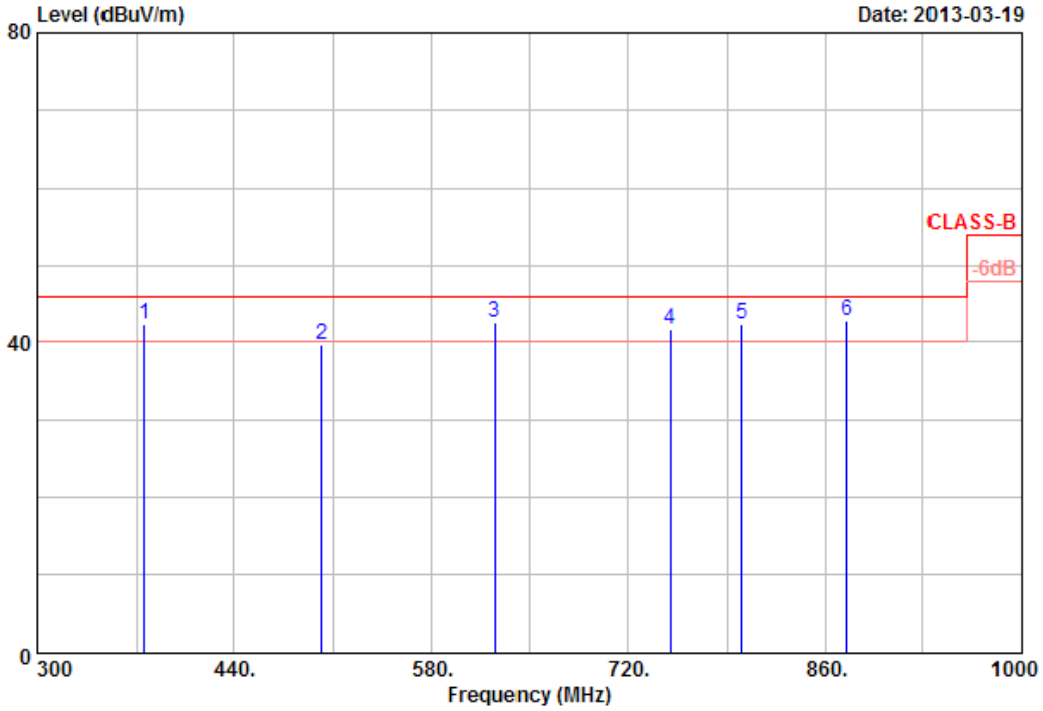


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	37.98	-1.94	36.04	40.00	-3.96	QP	100	360
2	47.88	39.50	-4.42	35.08	40.00	-4.92	QP	100	360
3	60.25	45.62	-10.86	34.76	40.00	-5.24	QP	100	360
4	74.55	46.53	-10.11	36.42	40.00	-3.58	QP	100	360
5	109.20	46.18	-7.26	38.92	43.50	-4.58	QP	100	360
6	146.88	49.68	-9.86	39.82	43.50	-3.68	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

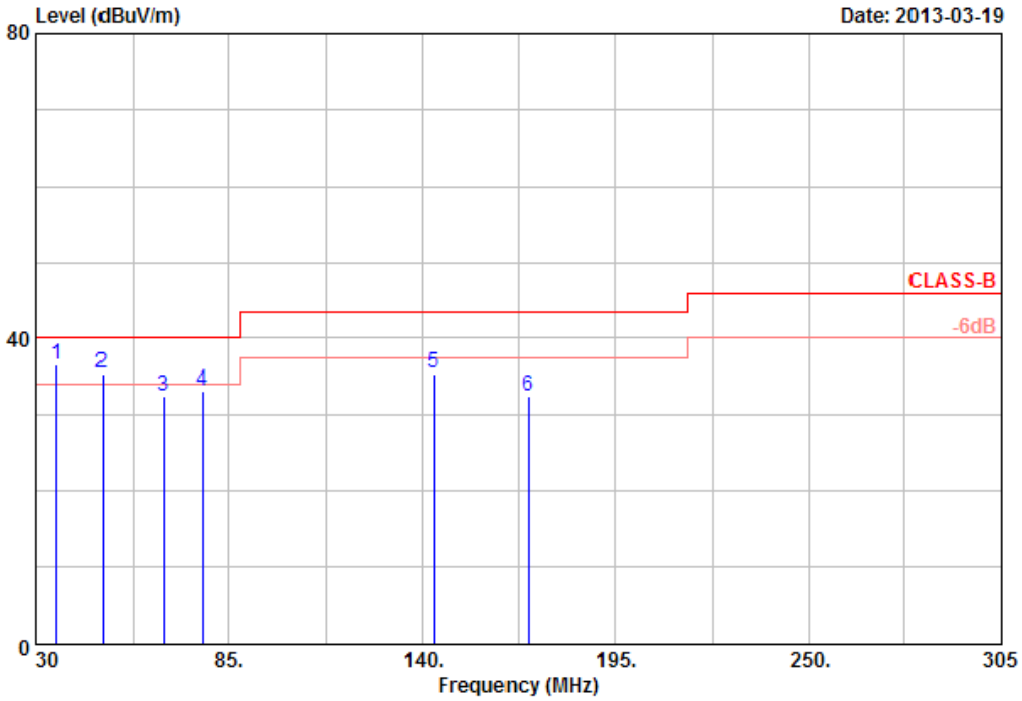


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	50.27	-7.95	42.32	46.00	-3.68	QP	100	0
2	501.60	44.70	-4.99	39.71	46.00	-6.29	Peak	100	0
3	625.50	41.90	0.57	42.47	46.00	-3.53	QP	100	0
4	750.10	36.62	5.11	41.73	46.00	-4.27	QP	100	0
5	800.50	36.75	5.56	42.31	46.00	-3.69	QP	100	0
6	875.40	33.30	9.53	42.83	46.00	-3.17	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

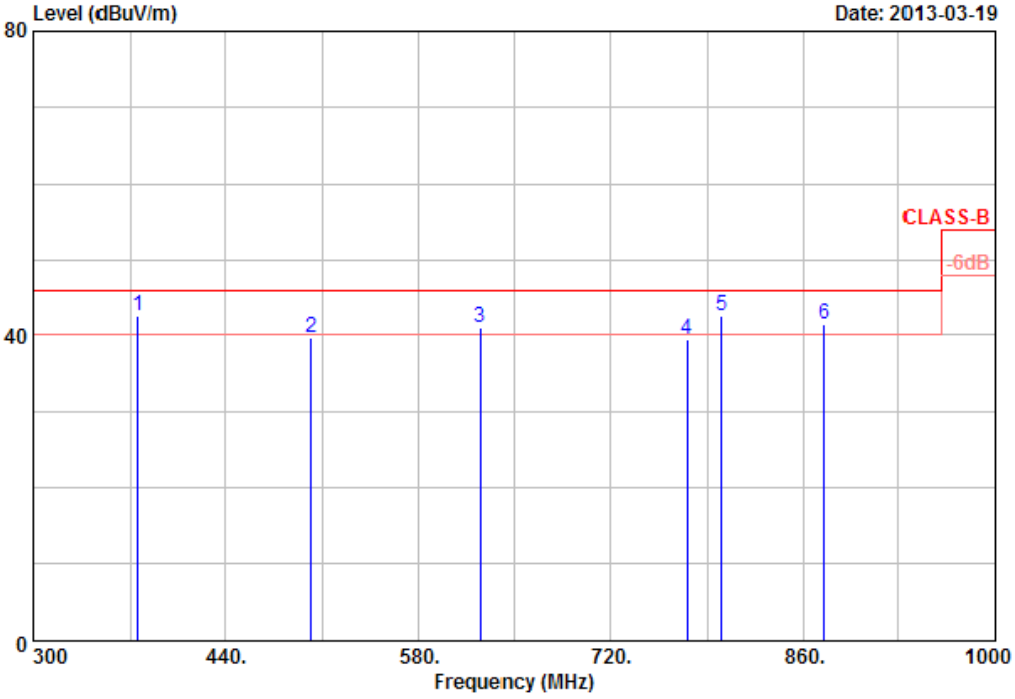


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	43.37	-6.78	36.59	40.00	-3.41	QP	100	360
2	48.70	44.35	-8.83	35.52	40.00	-4.48	QP	100	360
3	66.30	52.60	-19.96	32.64	40.00	-7.36	Peak	100	360
4	77.30	53.04	-19.83	33.21	40.00	-6.79	Peak	100	360
5	143.30	50.01	-14.65	35.36	43.50	-8.14	Peak	100	360
6	169.98	43.52	-10.97	32.55	43.50	-10.95	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11ac VHT40, CH151	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

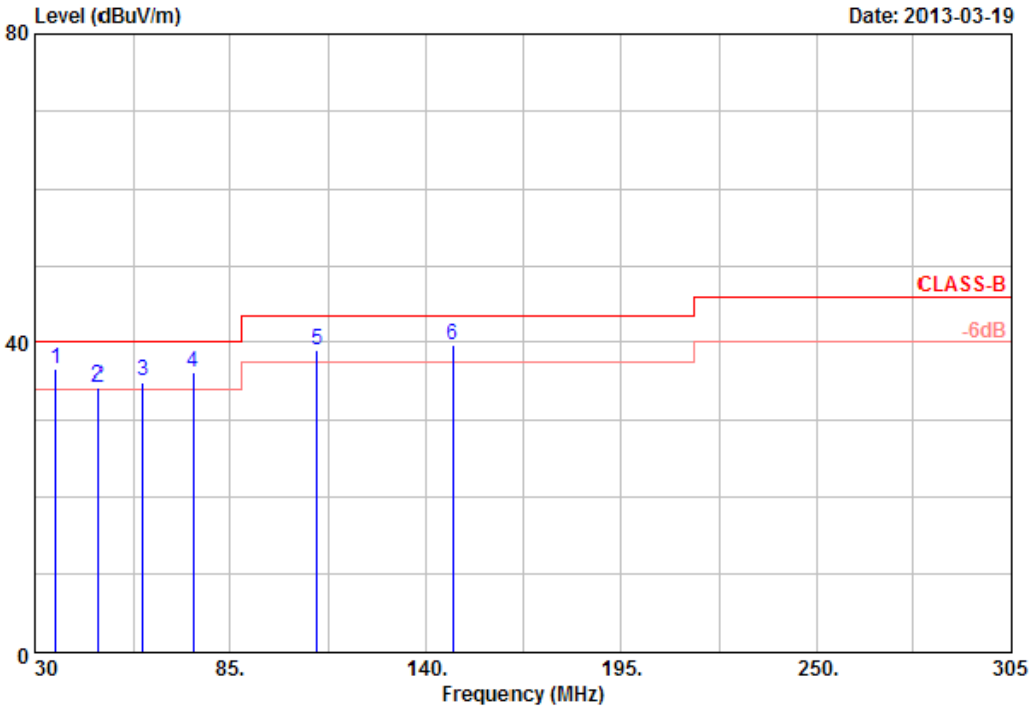


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	54.28	-11.68	42.60	46.00	-3.40	QP	100	0
2	501.60	39.48	0.10	39.58	46.00	-6.42	Peak	100	0
3	625.50	36.69	4.23	40.92	46.00	-5.08	QP	100	0
4	776.00	35.85	3.55	39.40	46.00	-6.60	Peak	100	0
5	800.50	36.39	6.14	42.53	46.00	-3.47	QP	100	0
6	875.40	36.67	4.88	41.55	46.00	-4.45	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 6	:	802.11ac VHT80, CH155	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

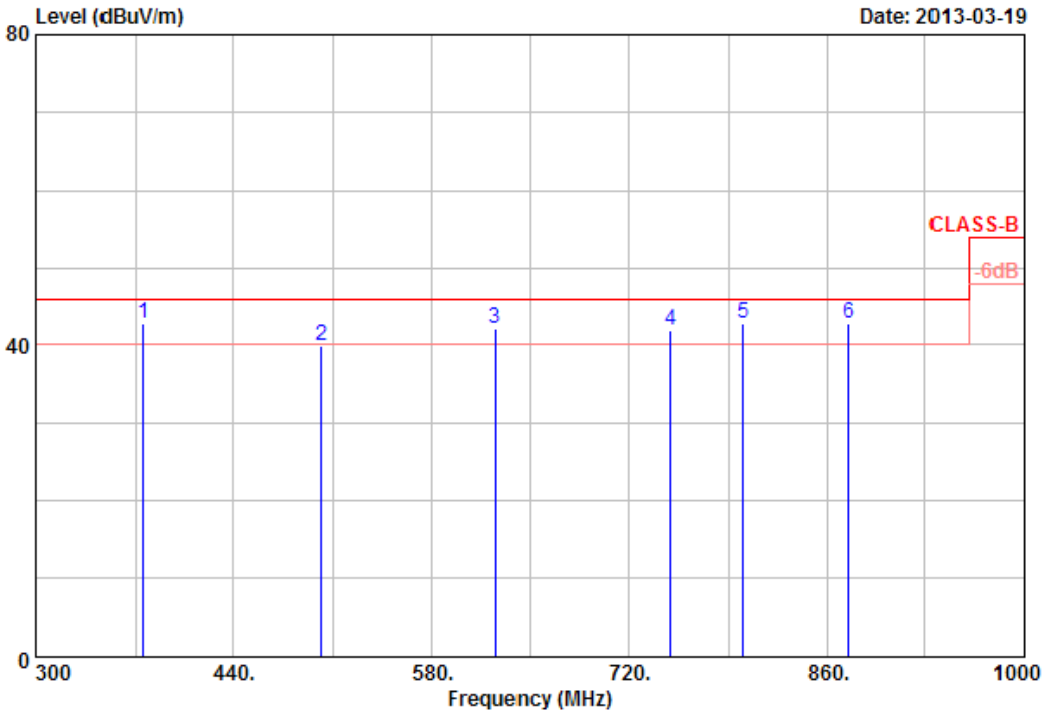


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	38.55	-1.94	36.61	40.00	-3.39	QP	100	360
2	47.88	38.72	-4.42	34.30	40.00	-5.70	QP	100	360
3	60.25	45.75	-10.86	34.89	40.00	-5.11	QP	100	360
4	74.55	46.19	-10.11	36.08	40.00	-3.92	QP	100	360
5	109.20	46.22	-7.26	38.96	43.50	-4.54	QP	100	360
6	147.70	49.86	-10.24	39.62	43.50	-3.88	QP	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 6	:	802.11ac VHT80, CH155	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

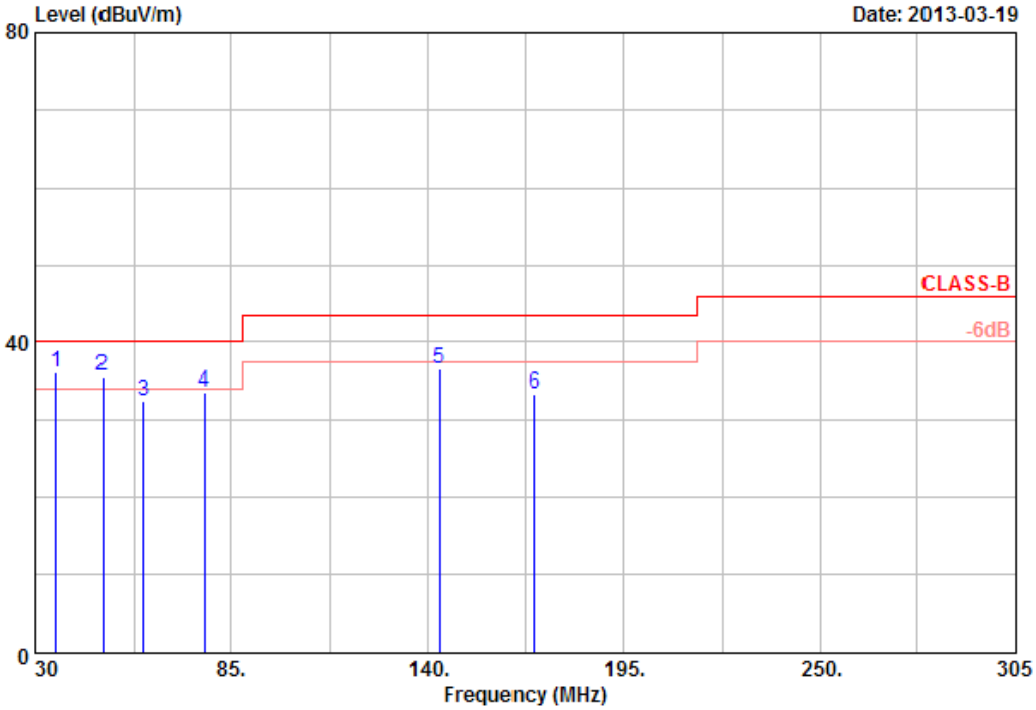


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	50.77	-7.95	42.82	46.00	-3.18	QP	100	0
2	501.60	44.93	-4.99	39.94	46.00	-6.06	Peak	100	0
3	625.50	41.61	0.57	42.18	46.00	-3.82	QP	100	0
4	749.40	36.79	5.06	41.85	46.00	-4.15	QP	100	0
5	800.50	37.23	5.56	42.79	46.00	-3.21	QP	100	0
6	875.40	33.25	9.53	42.78	46.00	-3.22	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	802.11ac VHT80, CH155	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %

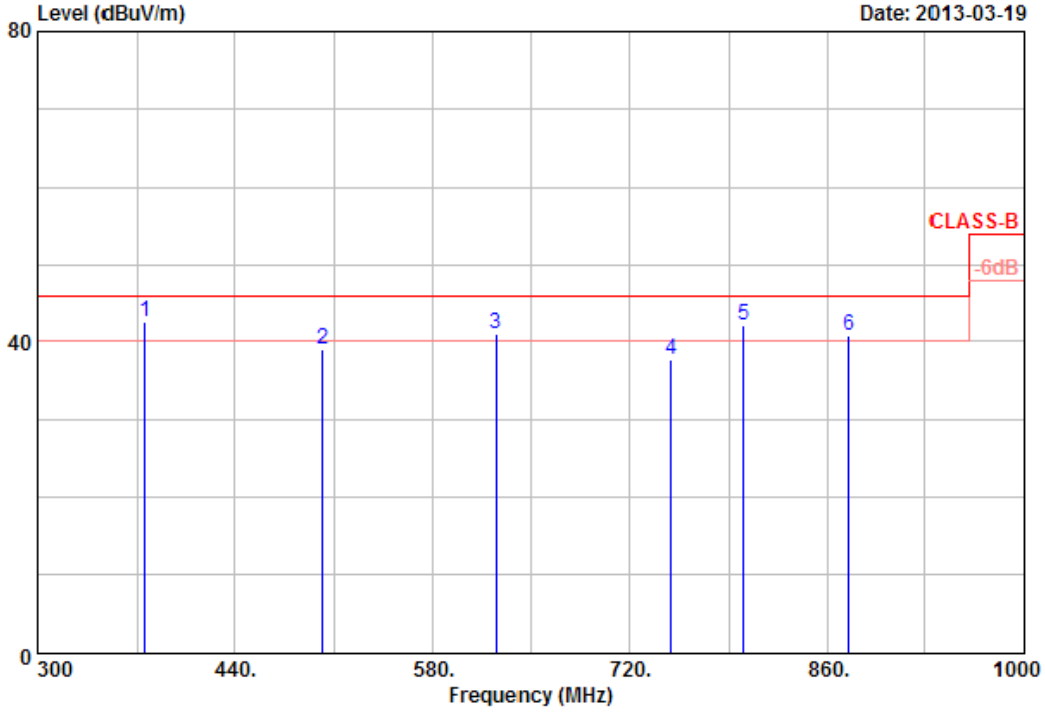


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	36.05	42.93	-6.78	36.15	40.00	-3.85	QP	100	360
2	48.70	44.55	-8.83	35.72	40.00	-4.28	QP	100	360
3	60.25	49.85	-17.41	32.44	40.00	-7.56	Peak	100	360
4	77.30	53.51	-19.83	33.68	40.00	-6.32	Peak	100	360
5	143.30	51.27	-14.65	36.62	43.50	-6.88	Peak	100	360
6	169.70	44.72	-11.27	33.45	43.50	-10.05	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	802.11ac VHT80, CH155	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



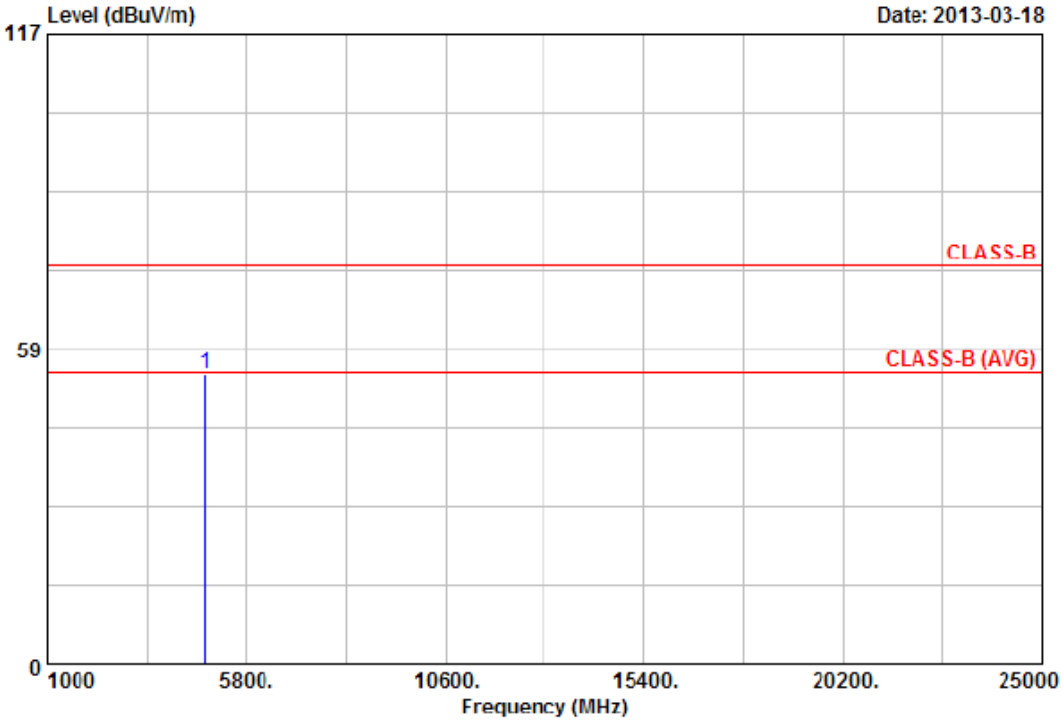
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	375.60	54.28	-11.68	42.60	46.00	-3.40	QP	100	0
2	501.60	38.89	0.10	38.99	46.00	-7.01	Peak	100	0
3	625.50	36.85	4.23	41.08	46.00	-4.92	QP	100	0
4	749.40	35.06	2.67	37.73	46.00	-8.27	Peak	100	0
5	800.50	36.06	6.14	42.20	46.00	-3.80	QP	100	0
6	875.40	35.81	4.88	40.69	46.00	-5.31	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. According to technical experiences,all spurious emission of 802.11a/an mode at Band1~4 channel are almost the same below 1GHz,so that the channel 36 or 38(for HT40),channel 149 or 151(for HT40) was chosen as representative in final test.
5. The data is worse case.

5.3 Test Result and Data (Above 1GHz)

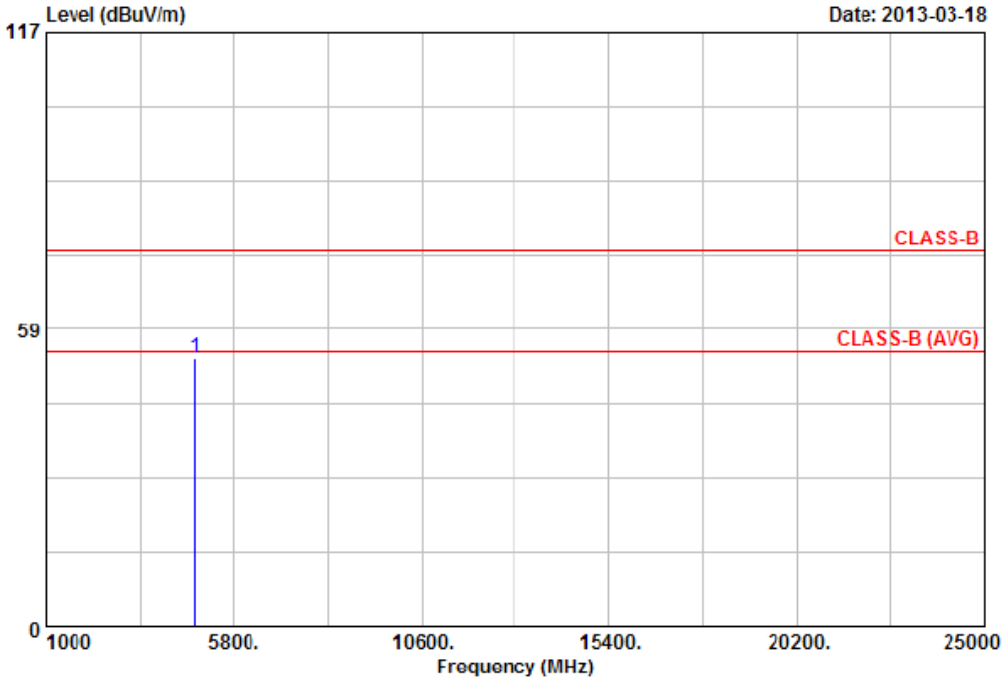
Power	:	DC 48V From PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11b, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4825.38	48.04	5.64	53.68	74.00	-20.32	Peak	100	195

Notes:
1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11b, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

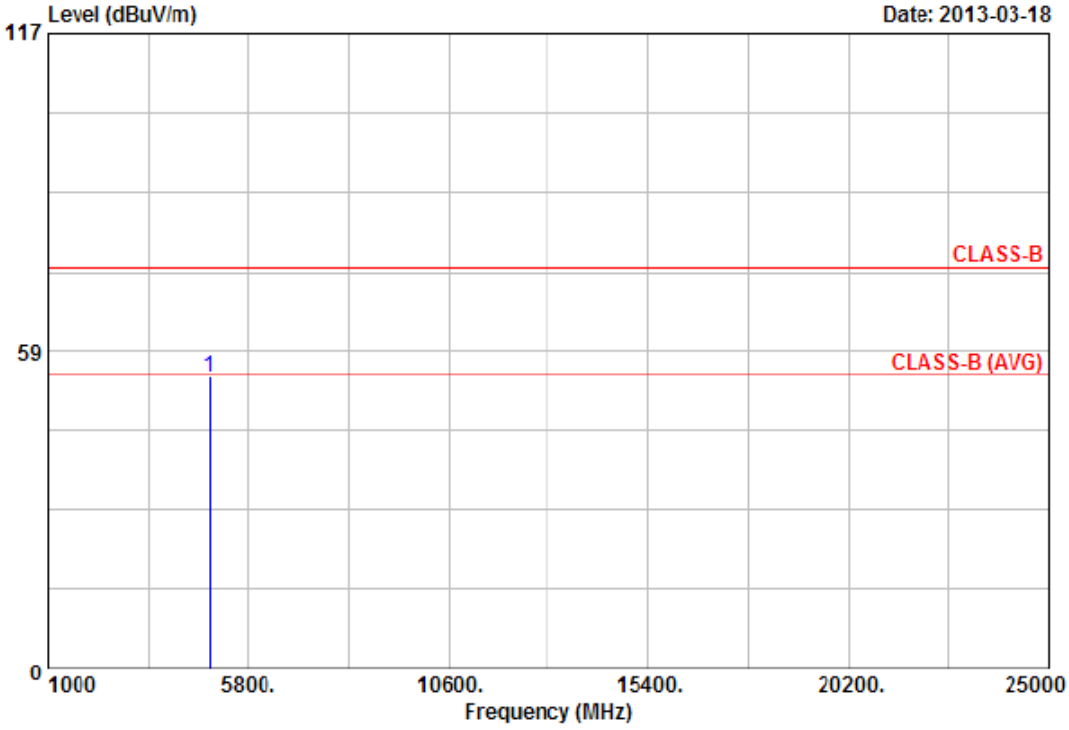


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.75	48.93	3.94	52.87	74.00	-21.13	Peak	100	195

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11b, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

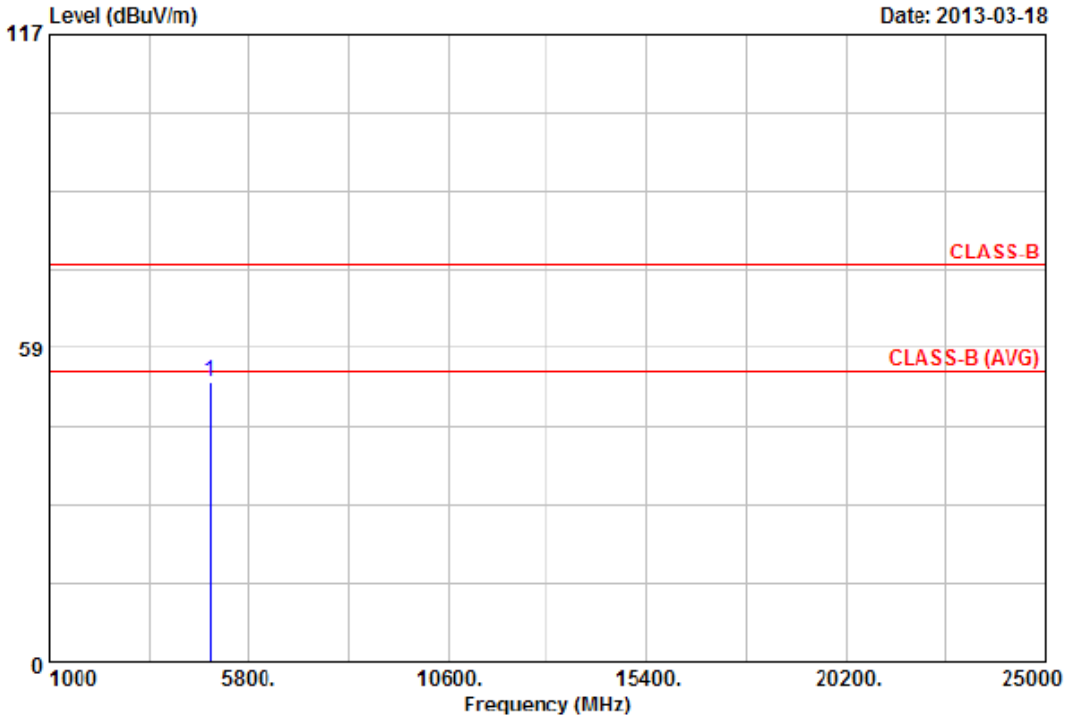


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.95	47.15	6.59	53.74	74.00	-20.26	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11b, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

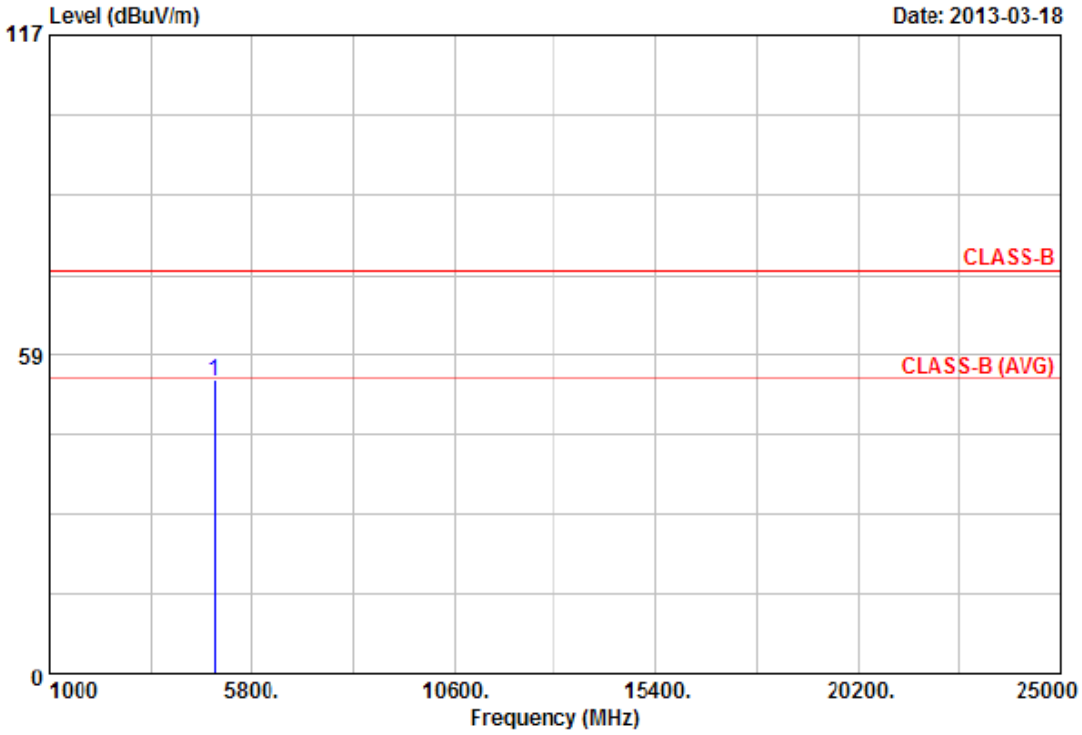


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.95	47.29	4.73	52.02	74.00	-21.98	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11b, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

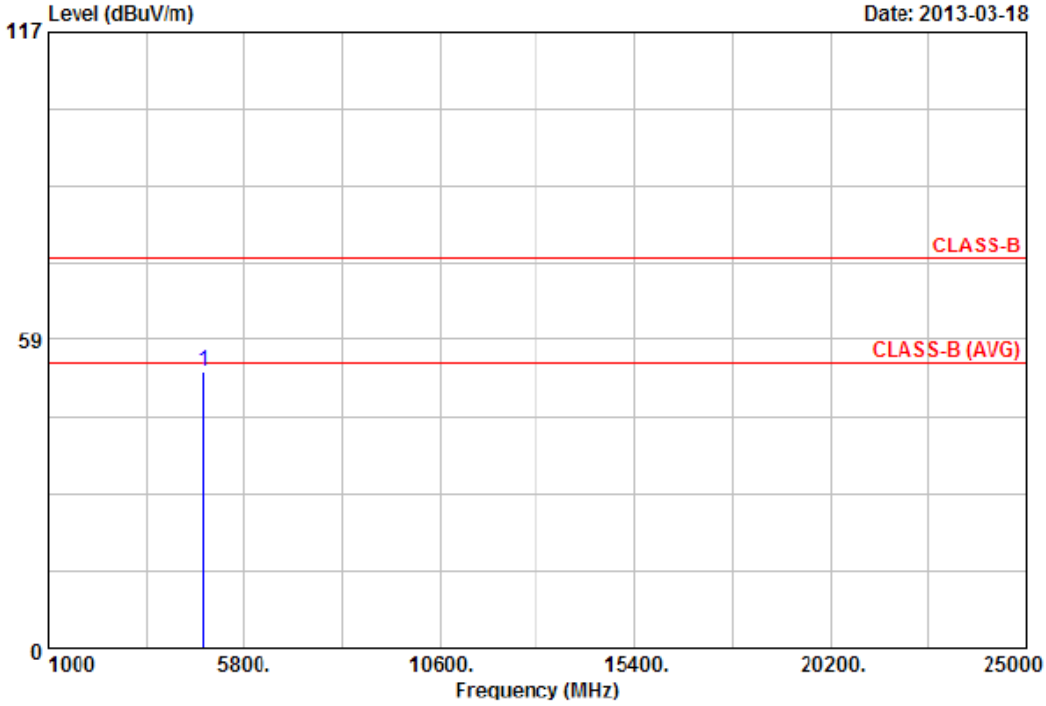


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.10	46.68	7.16	53.84	74.00	-20.16	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11b, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

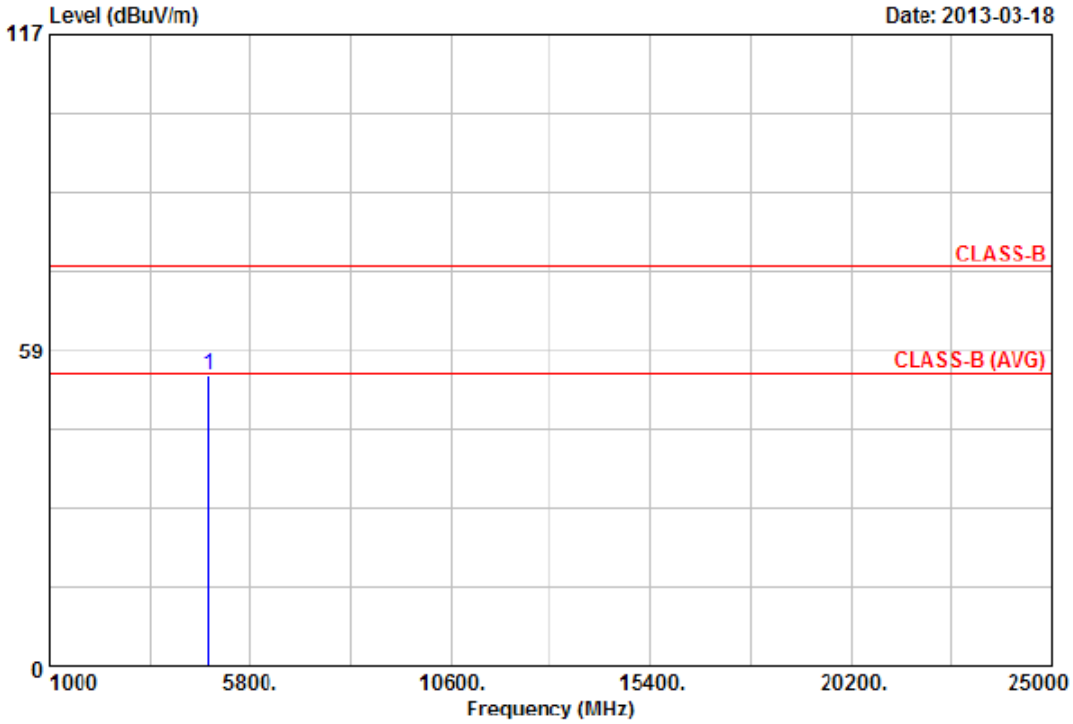


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.05	48.54	3.93	52.47	74.00	-21.53	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

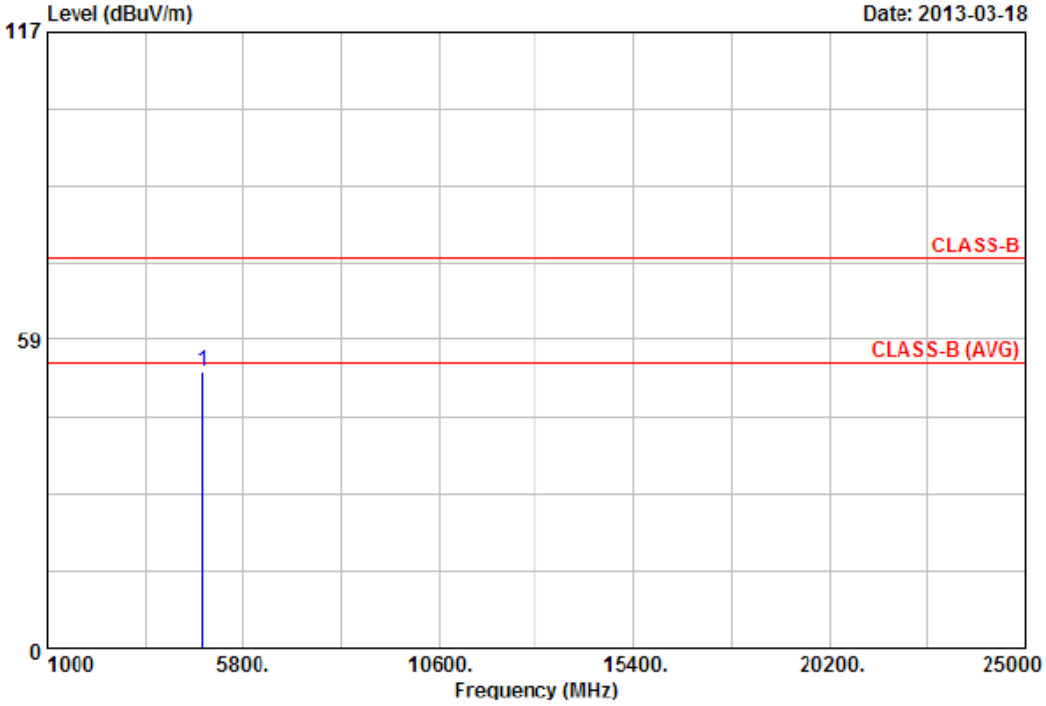


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.40	48.27	5.62	53.89	74.00	-20.11	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

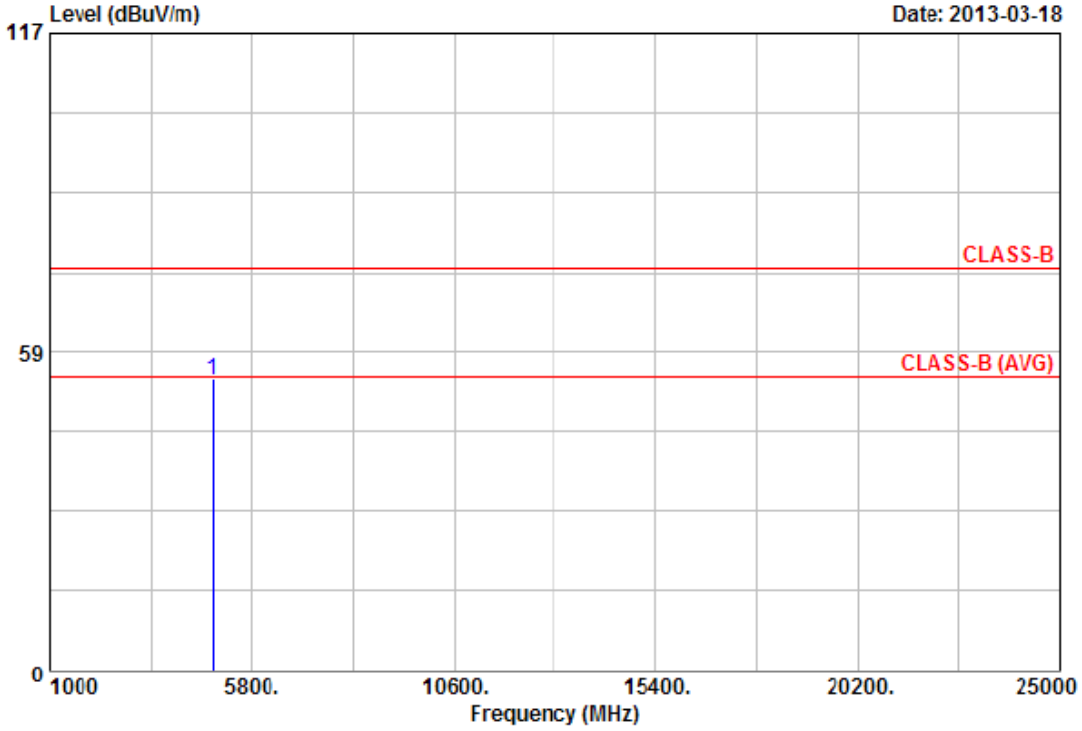


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.05	48.54	3.93	52.47	74.00	-21.53	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	AC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

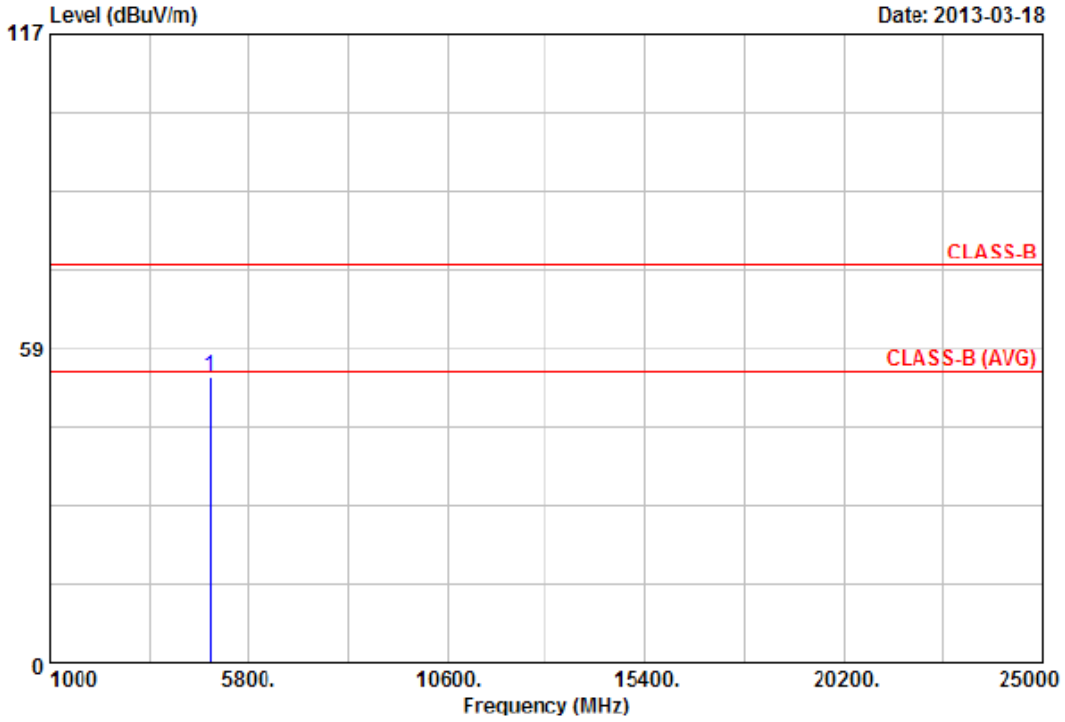


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.40	47.03	6.58	53.61	74.00	-20.39	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

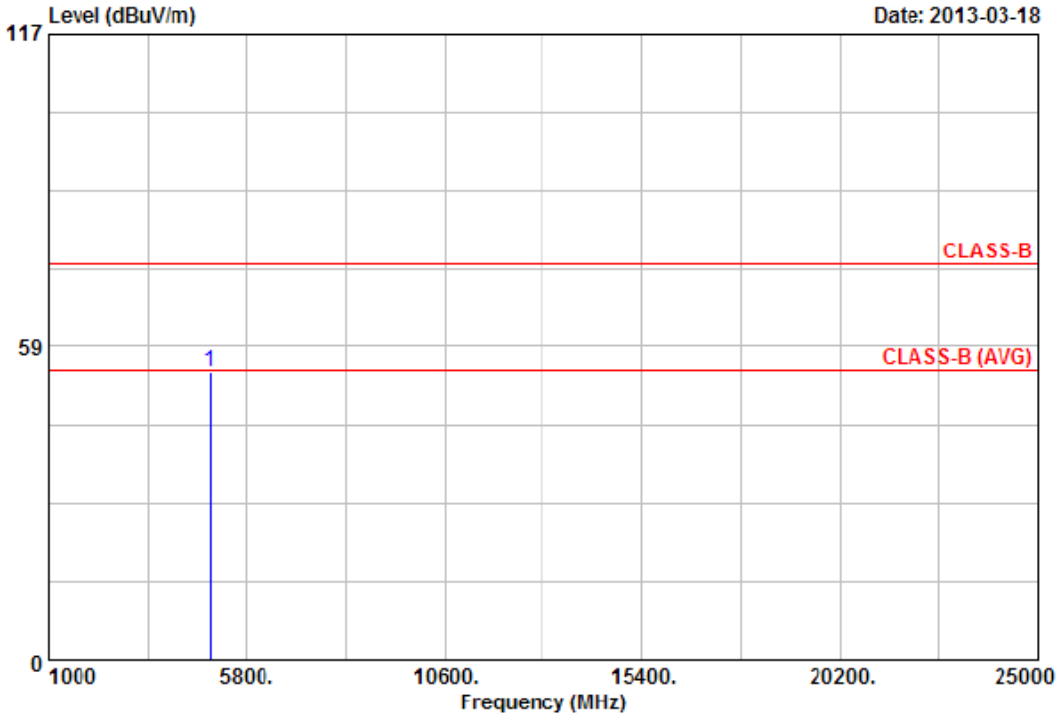


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.28	48.27	4.72	52.99	74.00	-21.01	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

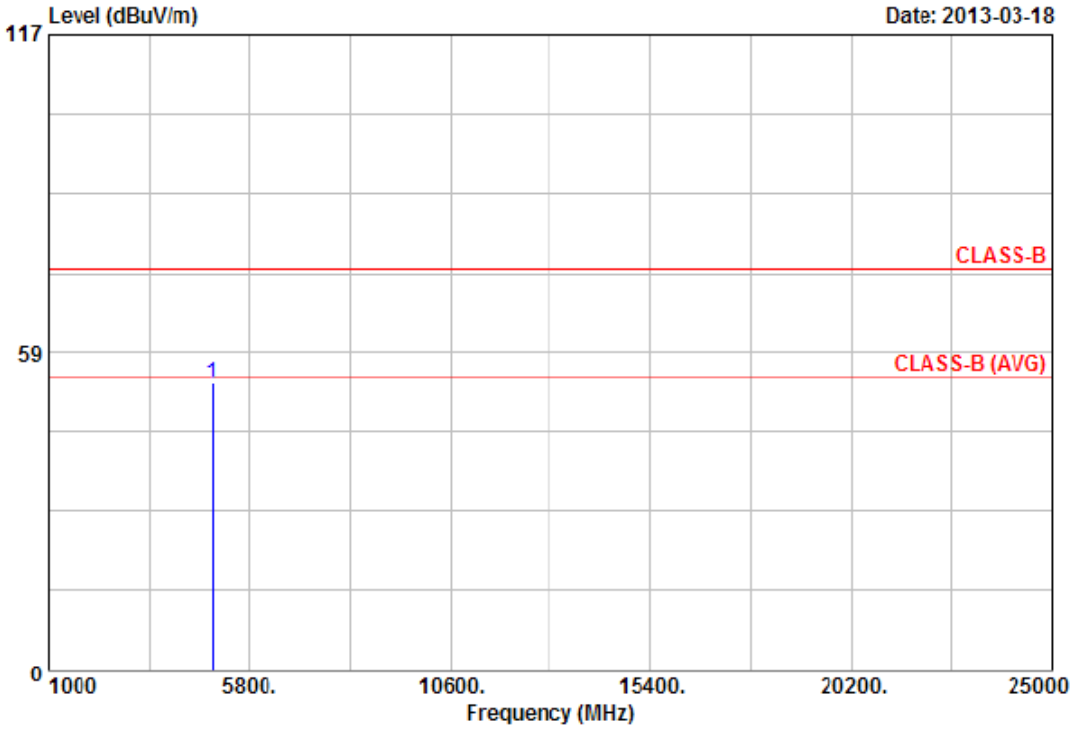


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4922.10	46.69	7.15	53.84	74.00	-20.16	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

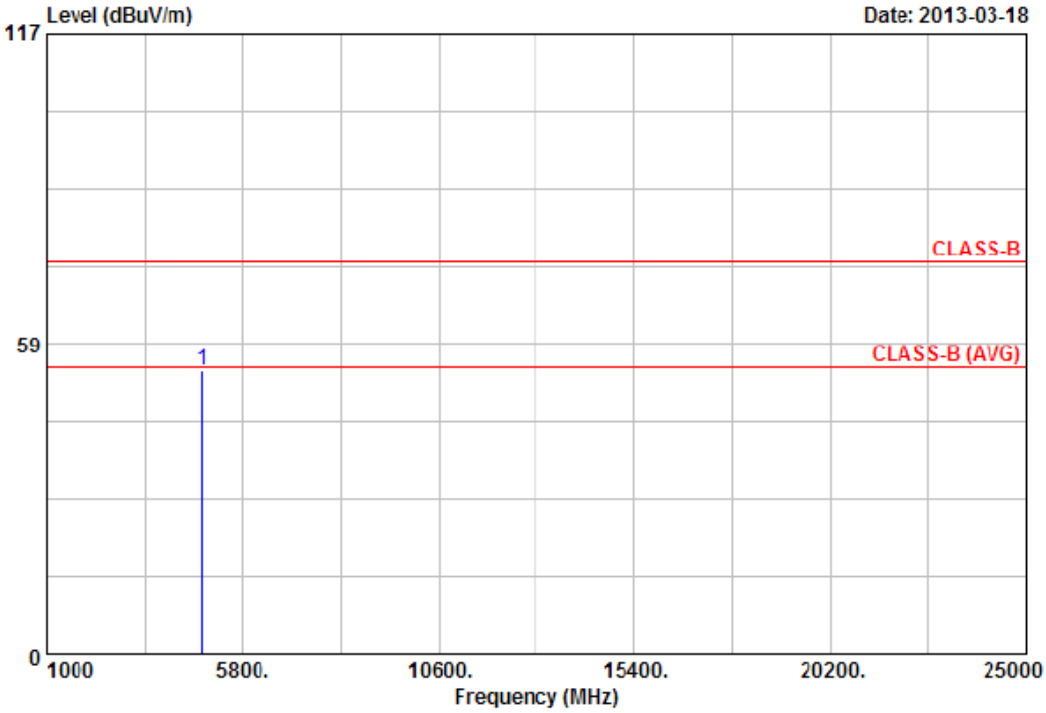


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4922.75	47.57	5.15	52.72	74.00	-21.28	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

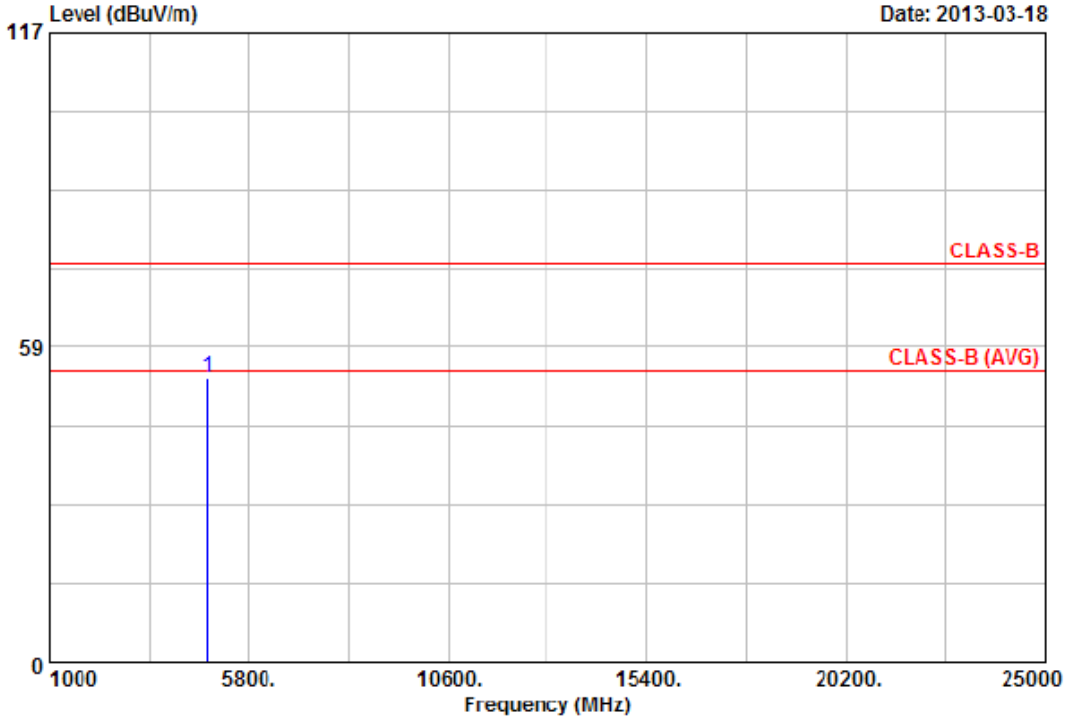


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.10	47.79	5.61	53.40	74.00	-20.60	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

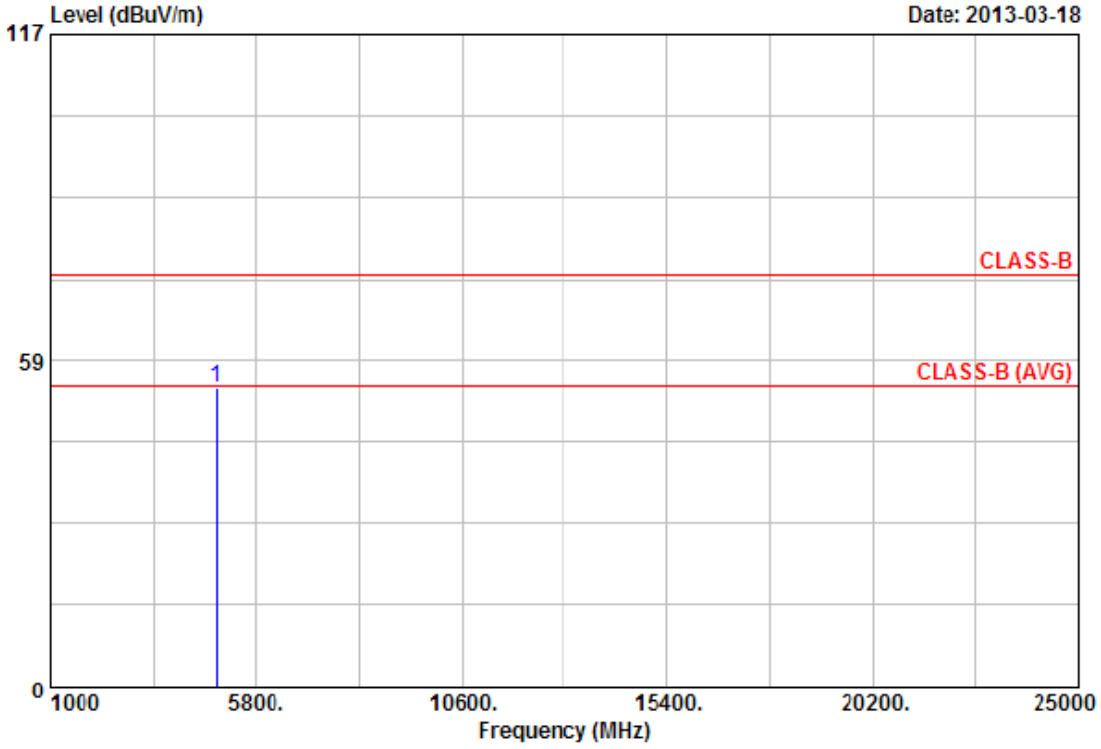


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4822.80	48.79	3.93	52.72	74.00	-21.28	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

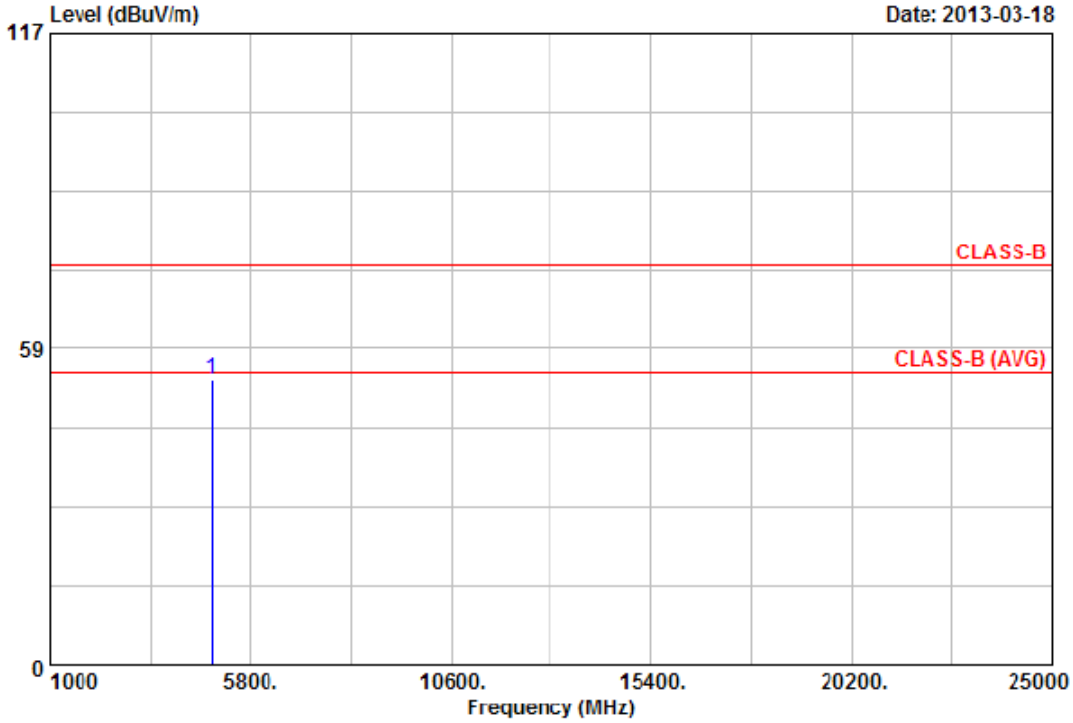


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.70	47.17	6.60	53.77	74.00	-20.23	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

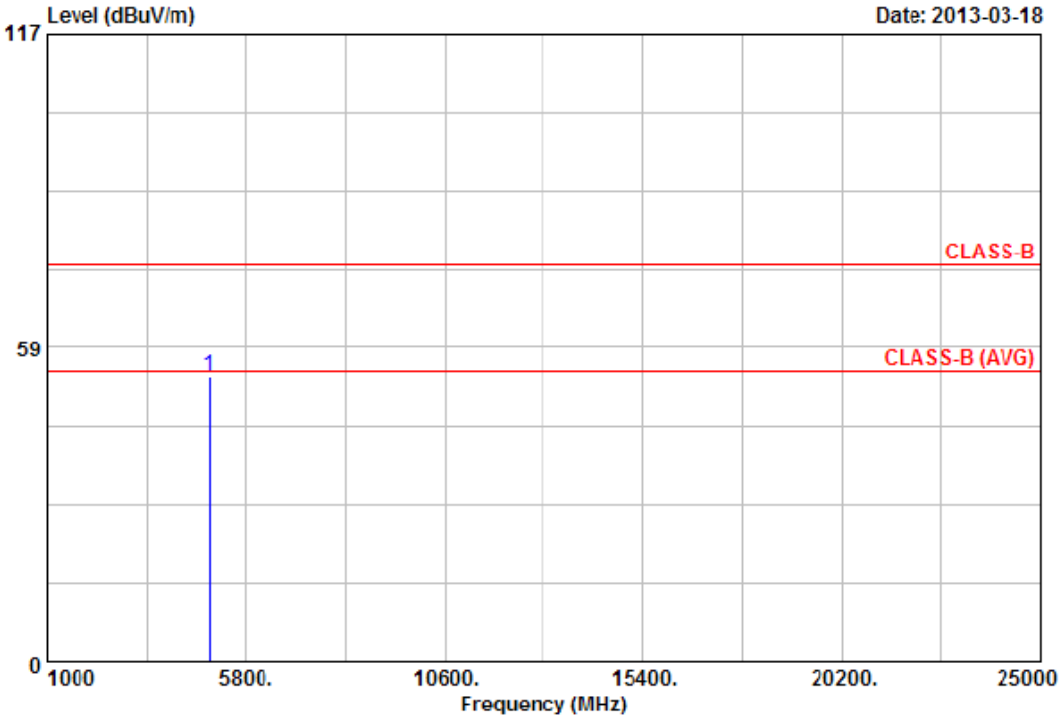


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4875.45	48.11	4.76	52.87	74.00	-21.13	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

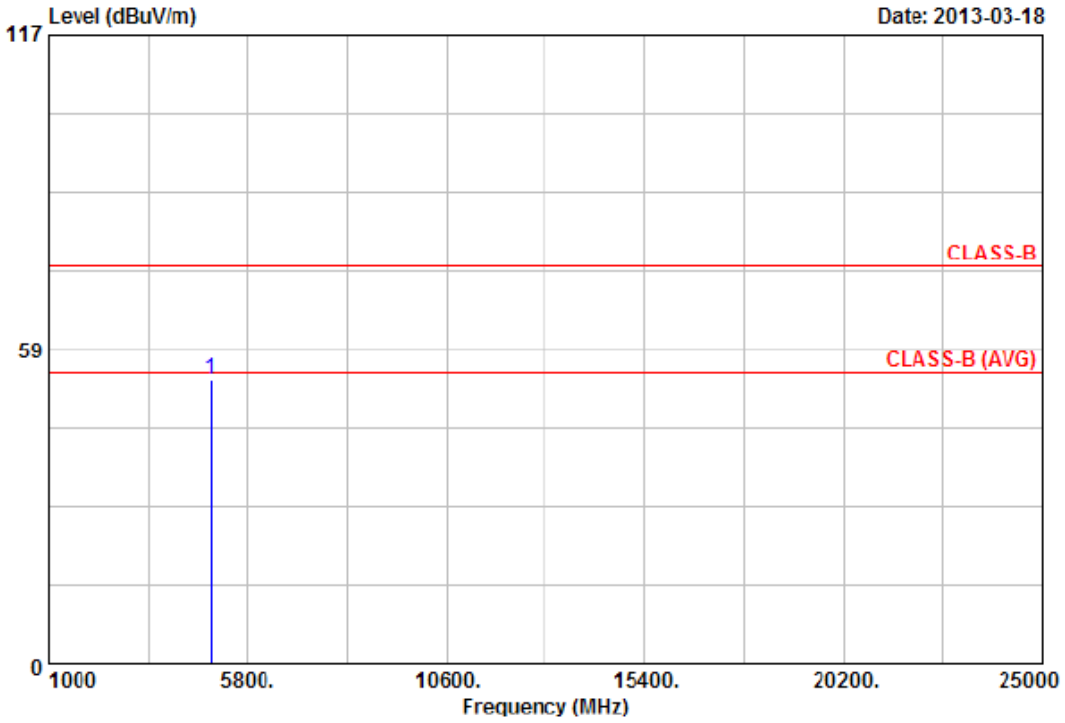


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.80	46.03	7.16	53.19	74.00	-20.81	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

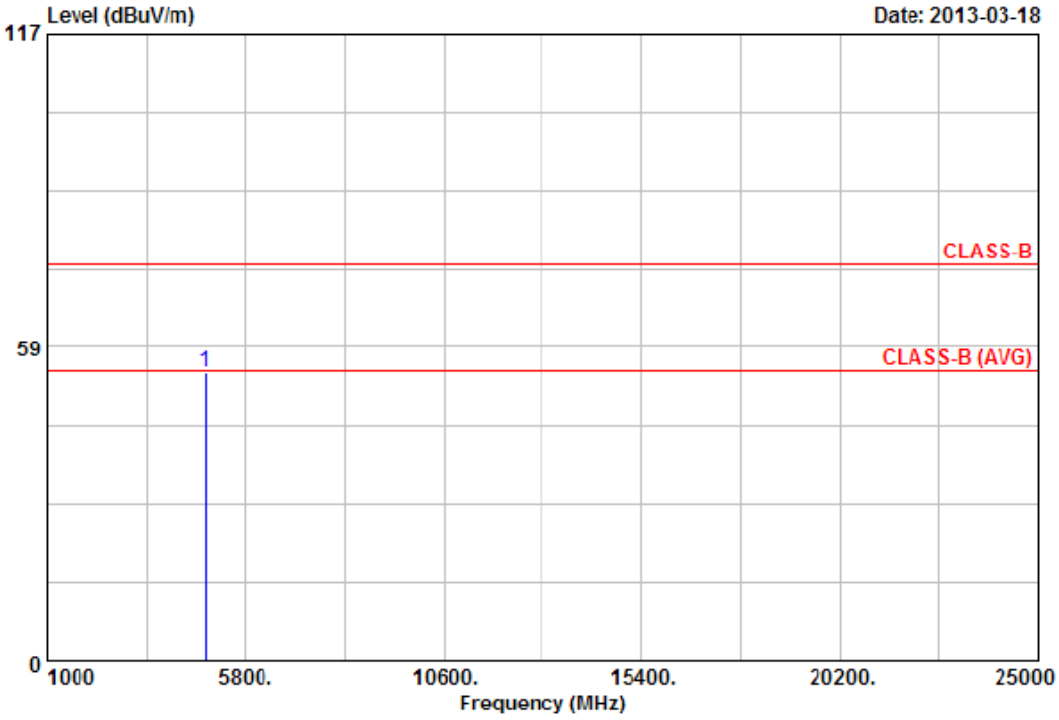


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.38	47.49	5.15	52.64	74.00	-21.36	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40 CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

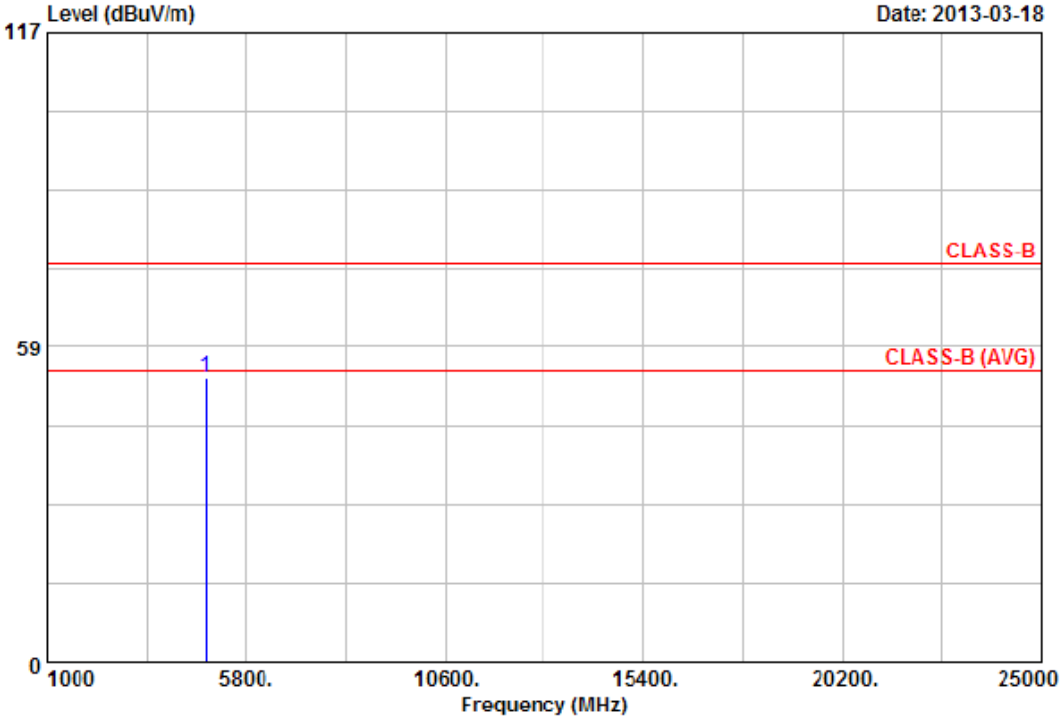


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.25	47.91	6.01	53.92	74.00	-20.08	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40 CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

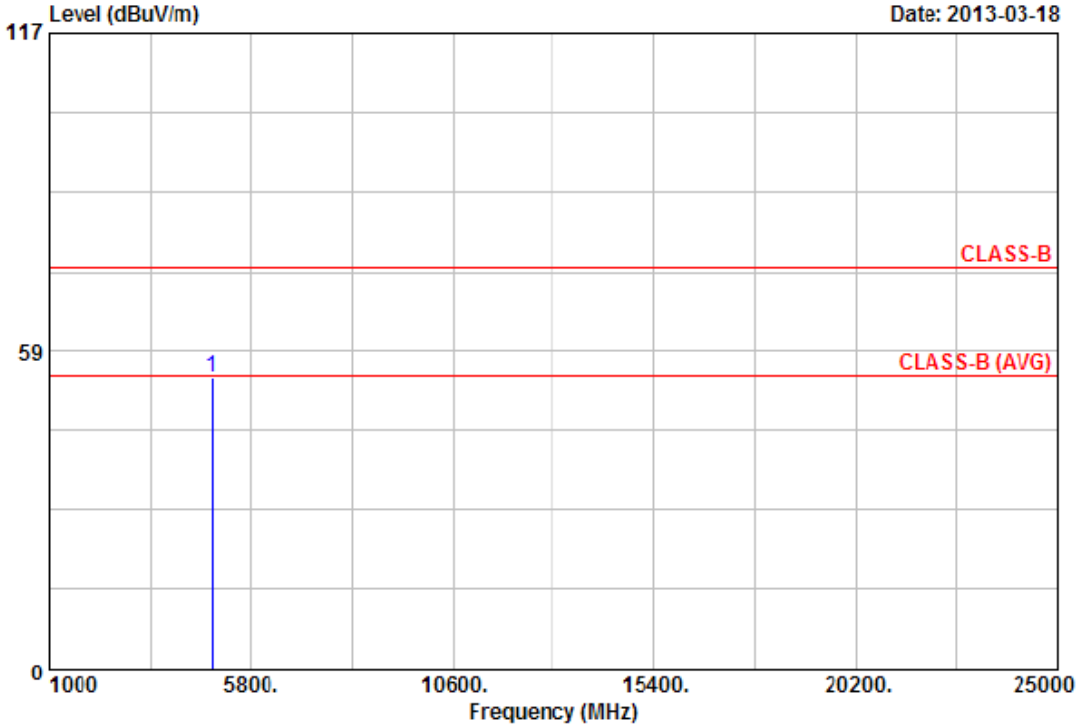


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.83	48.63	4.27	52.90	74.00	-21.10	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40 CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

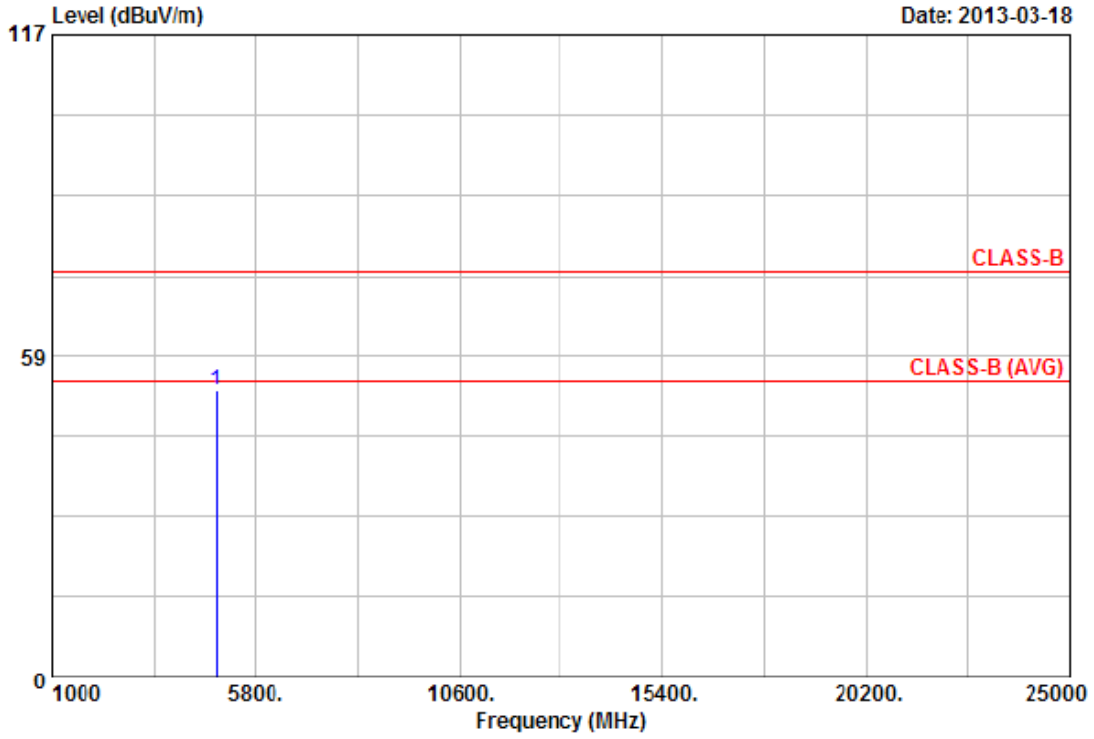


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	47.26	6.59	53.85	74.00	-20.15	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V form PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40 CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

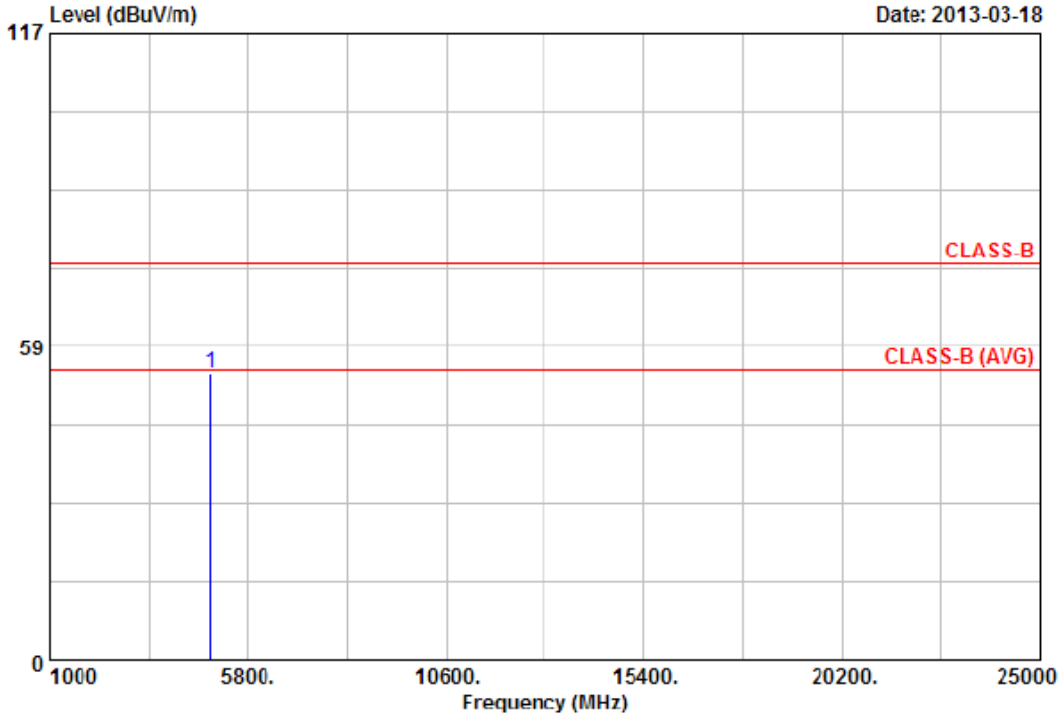


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.10	47.56	4.73	52.29	74.00	-21.71	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40, CH9	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

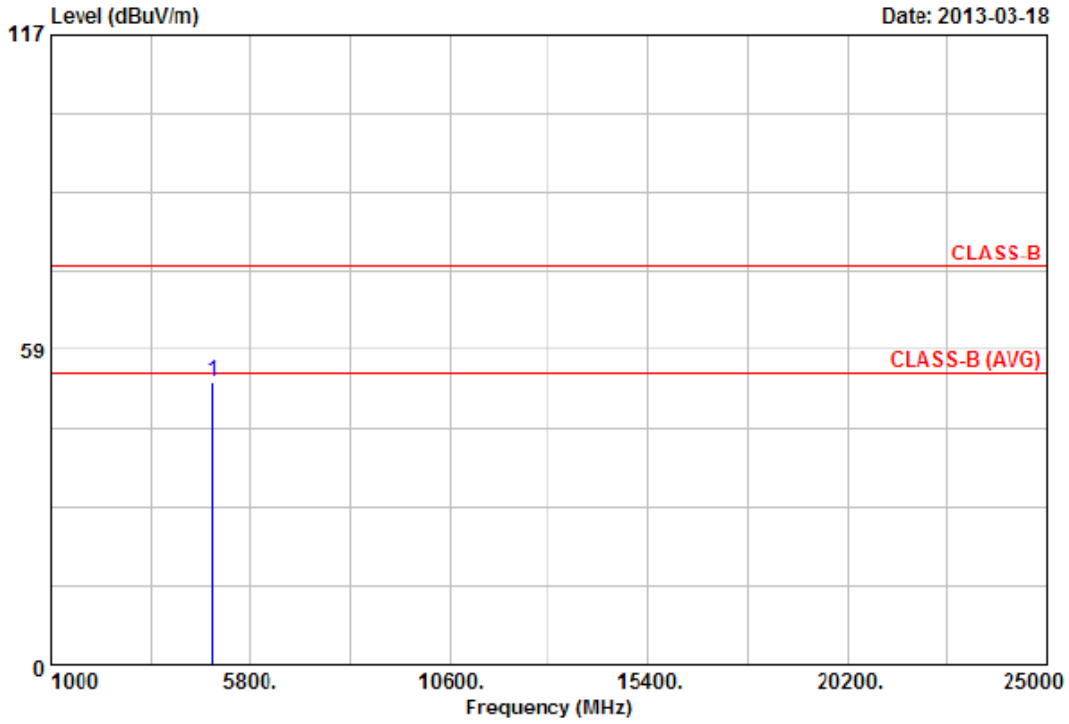


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.80	46.43	7.12	53.55	74.00	-20.45	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH9	Temperature	:	25 °C
Memo	:	Model No. UAP-AC	Humidity	:	51 %

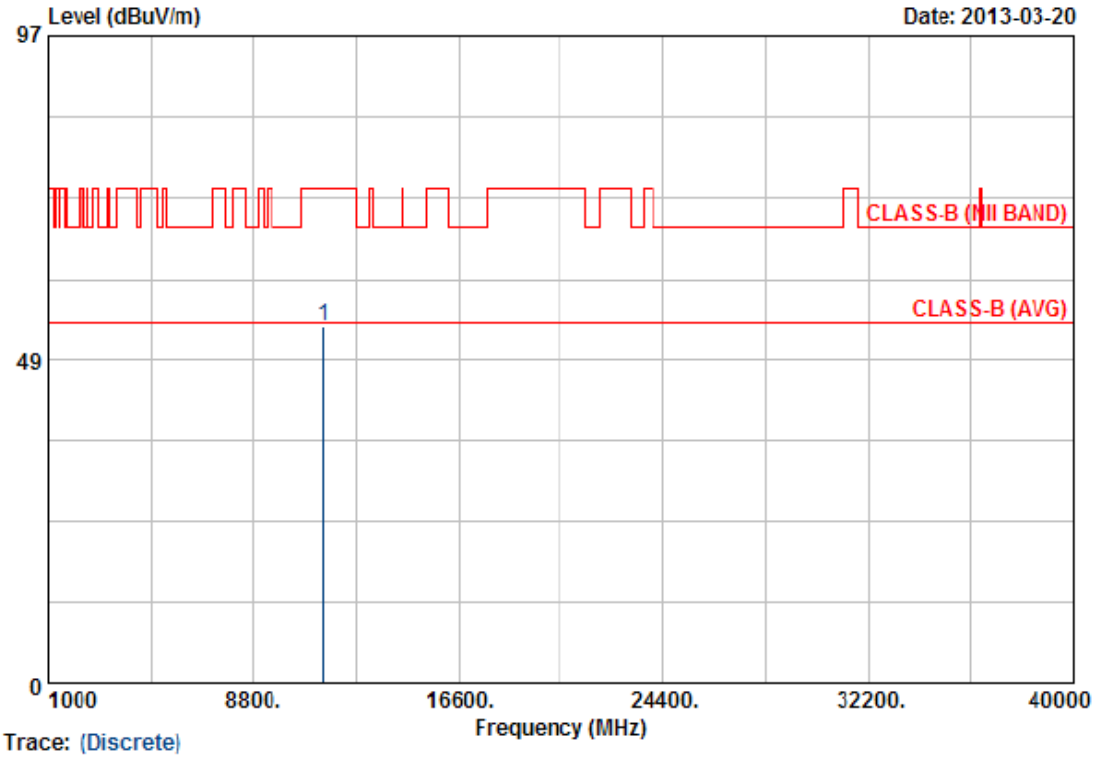


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4905.18	47.41	5.14	52.55	74.00	-21.45	Peak	100	196

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20 CH149	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



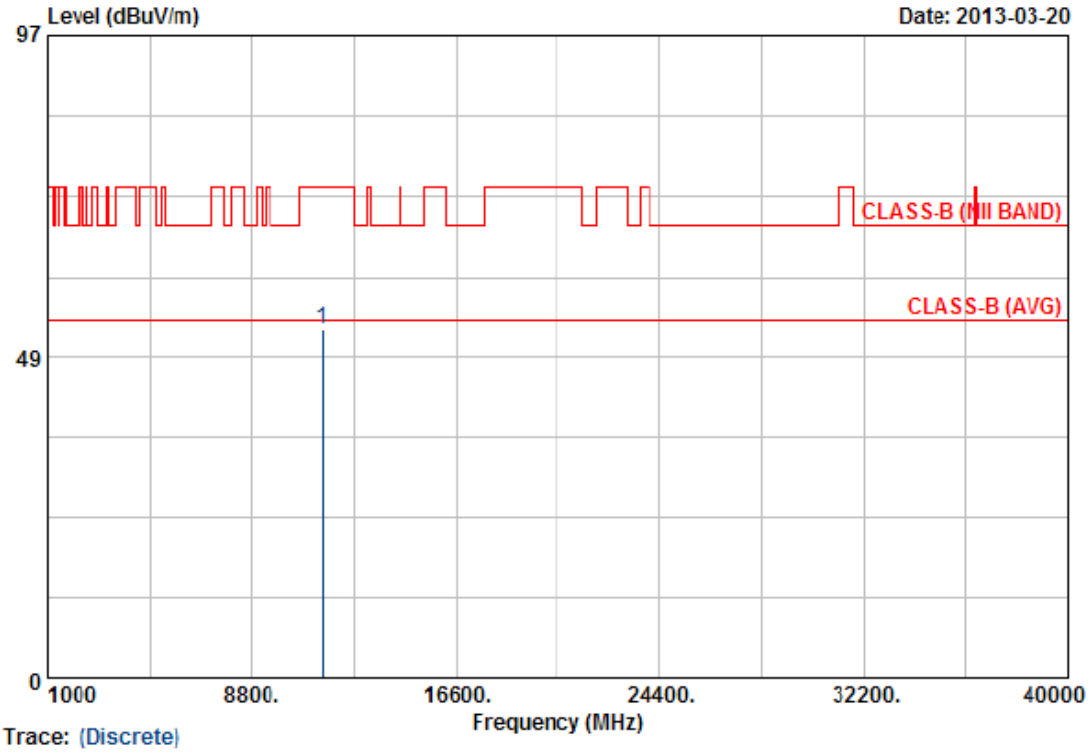
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11489.18	45.69	7.71	53.40	74.00	-20.60	Peak	100	216

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20 CH149	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



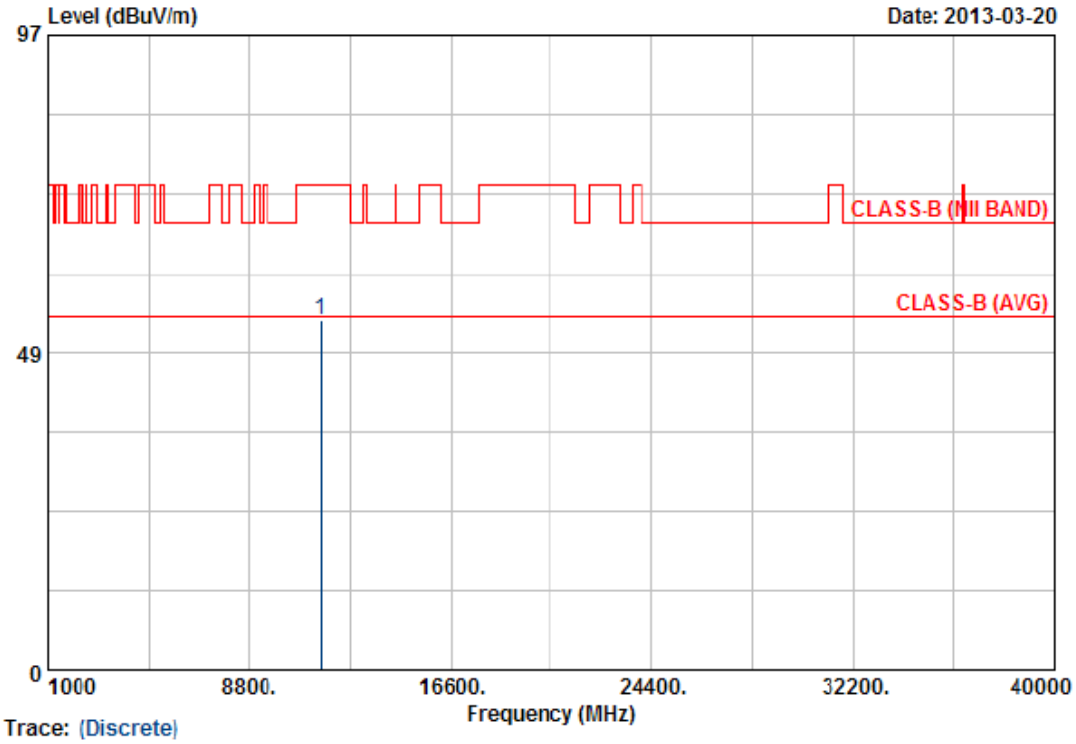
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11492.58	42.67	10.03	52.70	74.00	-21.30	Peak	100	208

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20 CH157	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



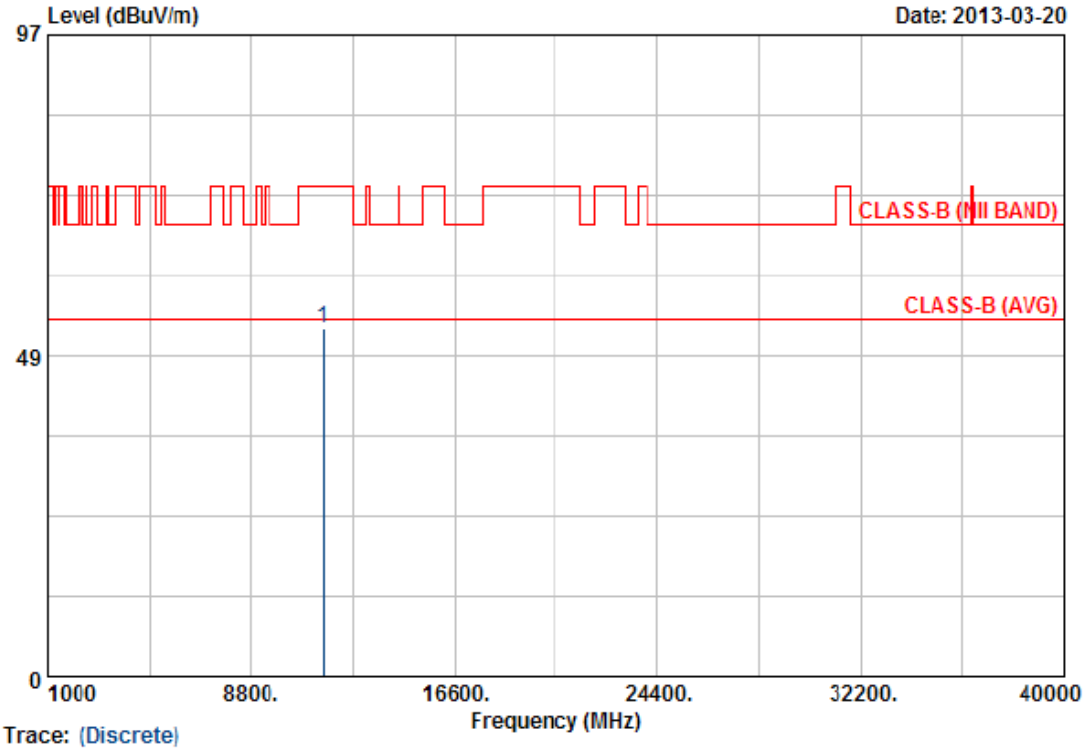
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11571.47	45.90	7.52	53.42	74.00	-20.58	Peak	100	250

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20 CH157	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



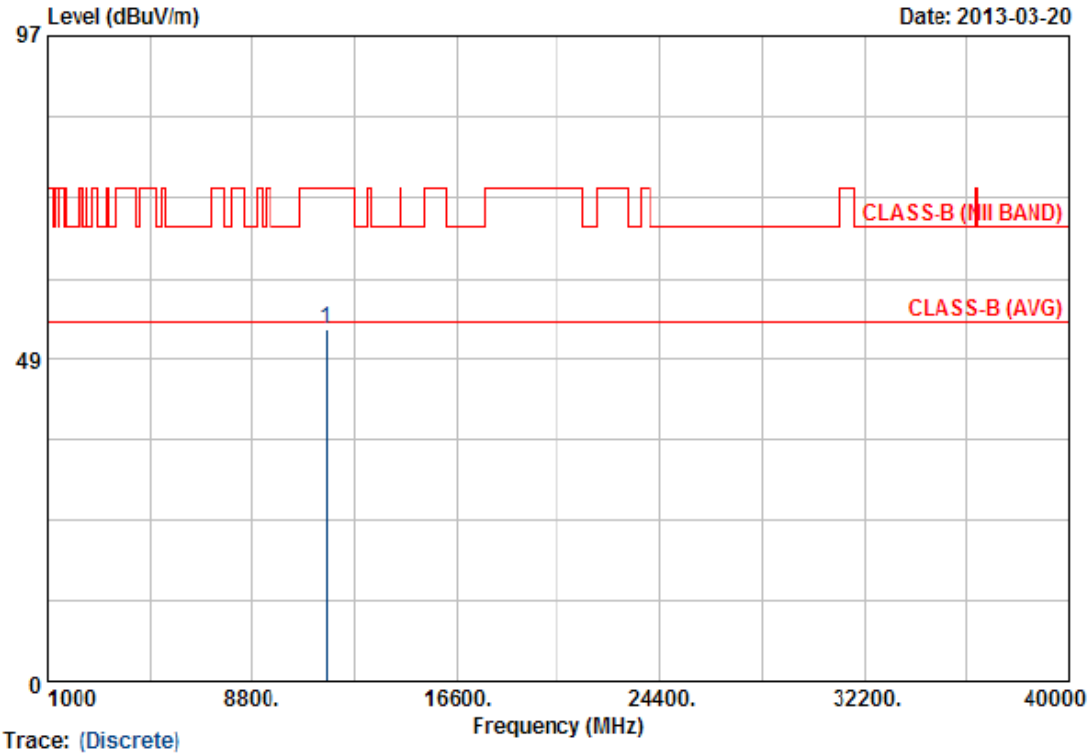
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11571.79	43.46	9.29	52.75	74.00	-21.25	Peak	100	162

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20 CH165	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



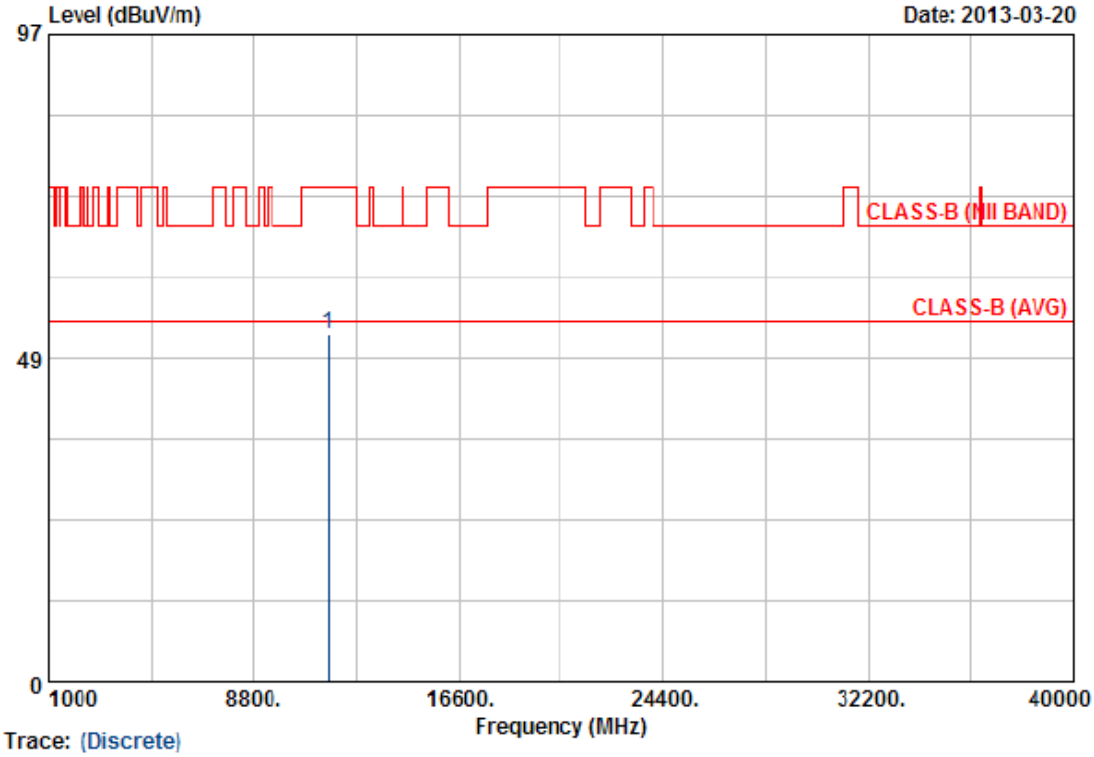
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11652.98	45.82	7.21	53.03	74.00	-20.97	Peak	100	232

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20 CH165	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



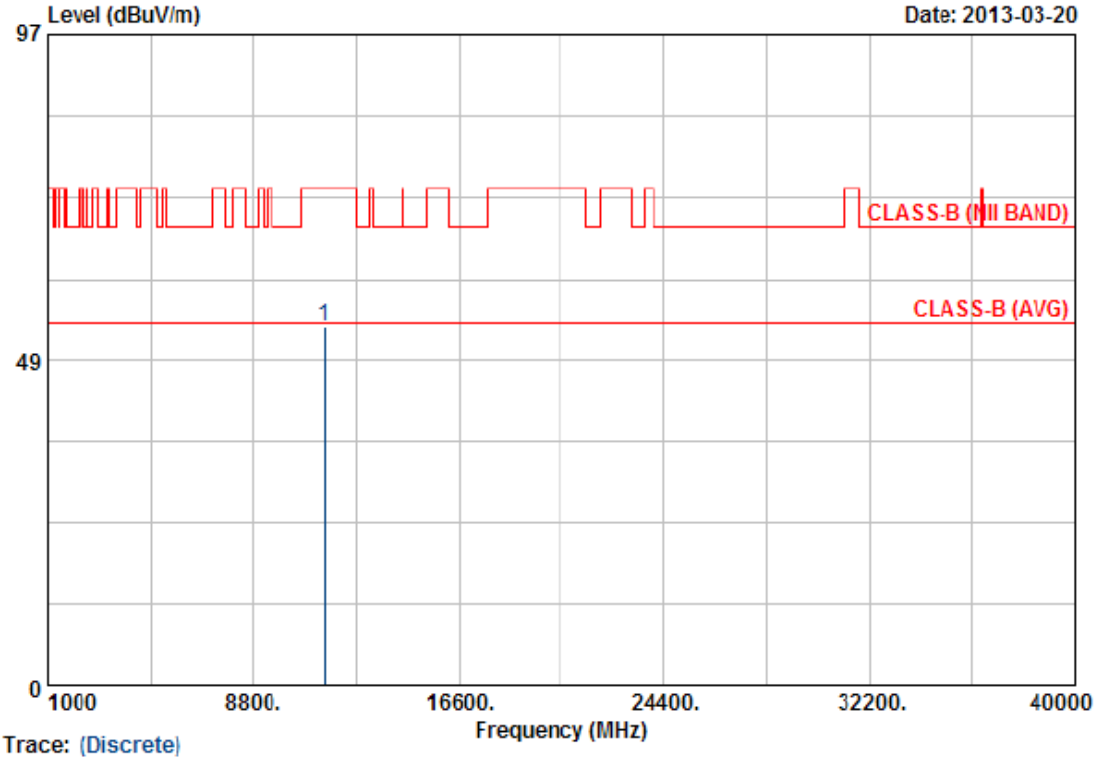
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11645.02	43.39	8.85	52.24	74.00	-21.76	Peak	100	282

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT40 CH151	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



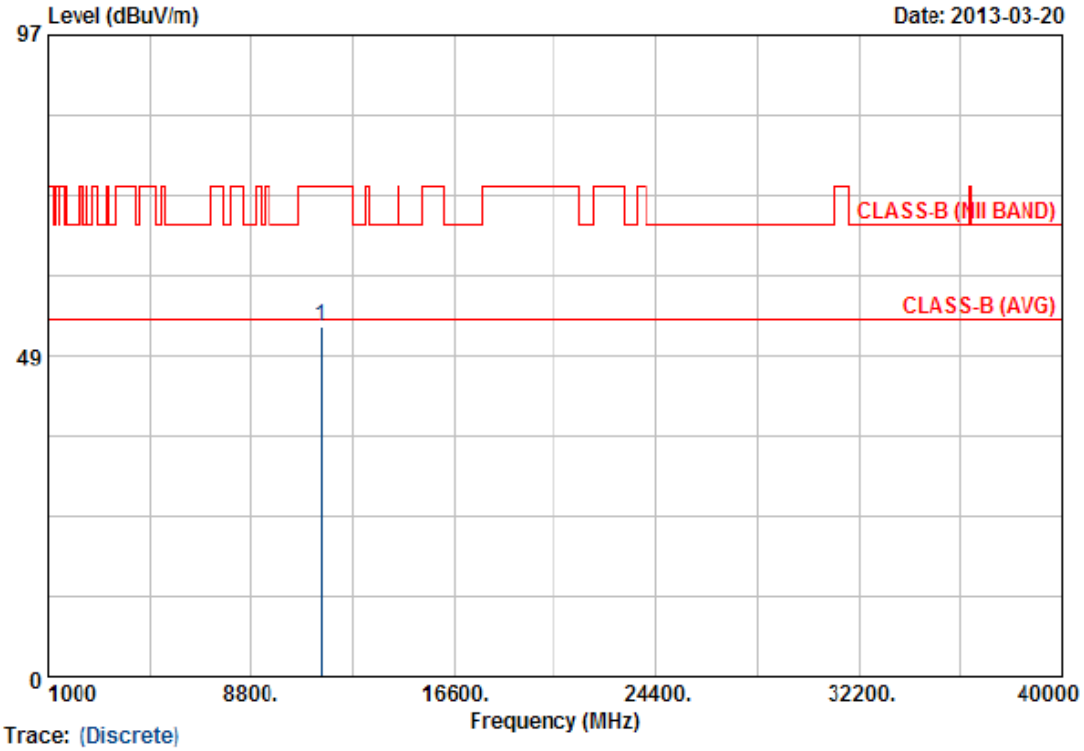
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11511.20	45.89	7.73	53.62	74.00	-20.38	Peak	100	251

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT40 CH151	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



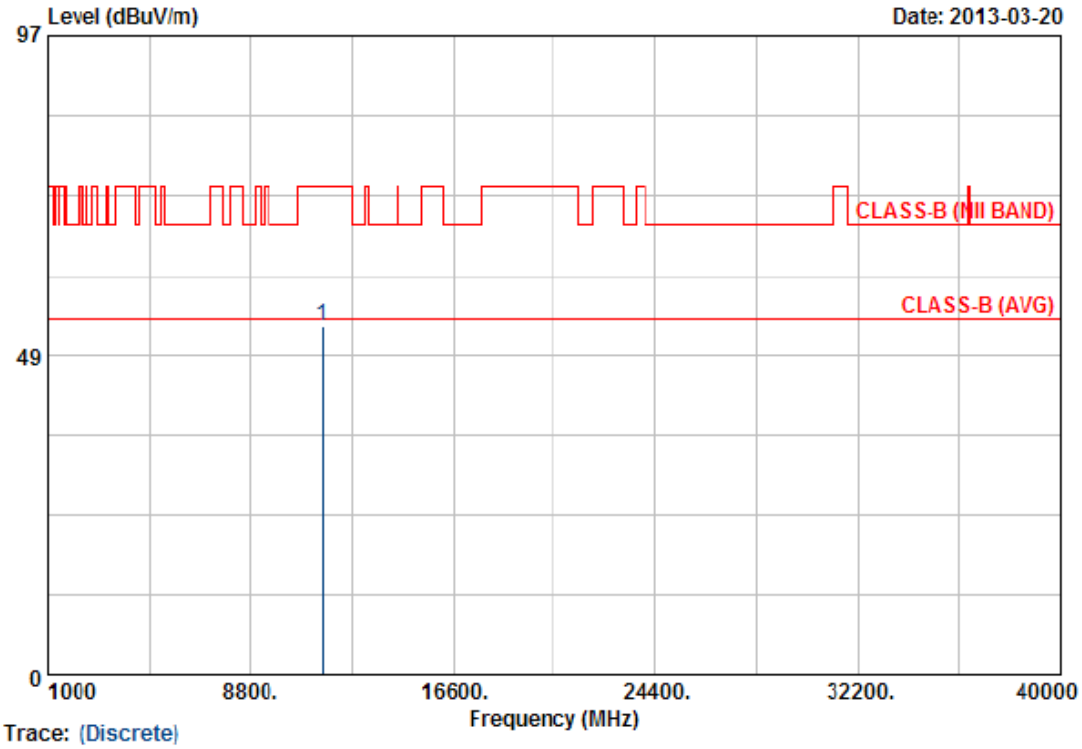
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11510.50	42.98	9.92	52.90	74.00	-21.10	Peak	100	203

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT40 CH159	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



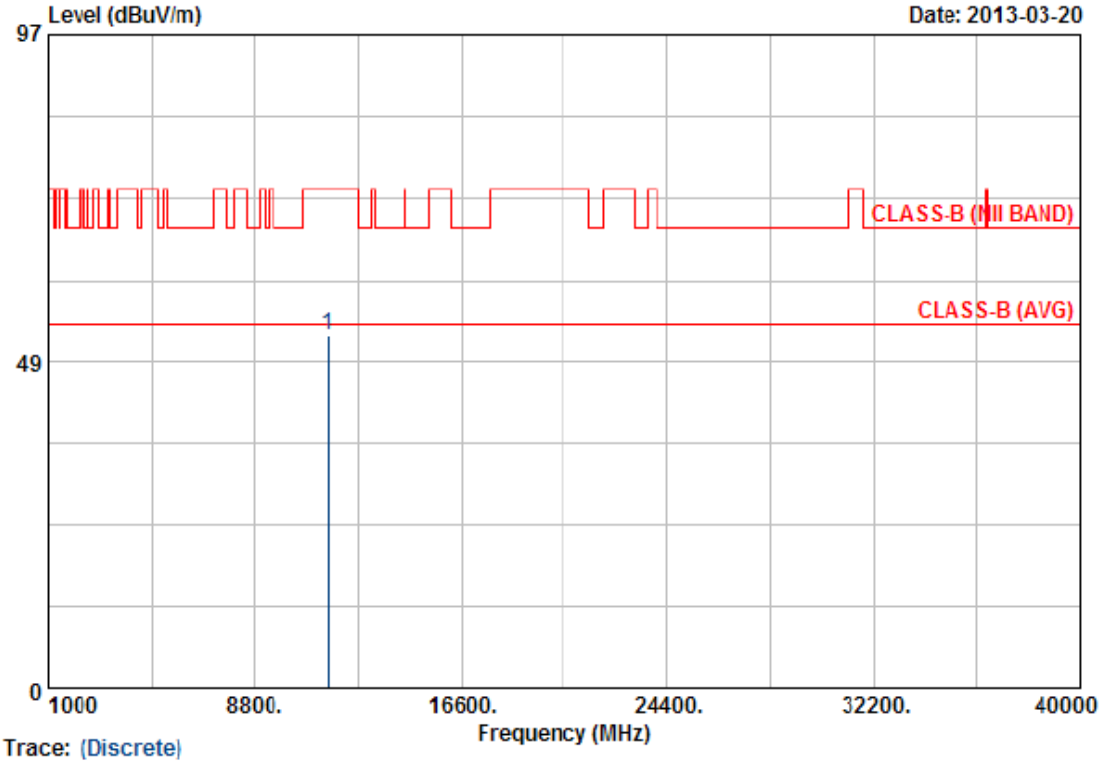
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11586.49	45.63	7.46	53.09	74.00	-20.91	Peak	100	251

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT40 CH159	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



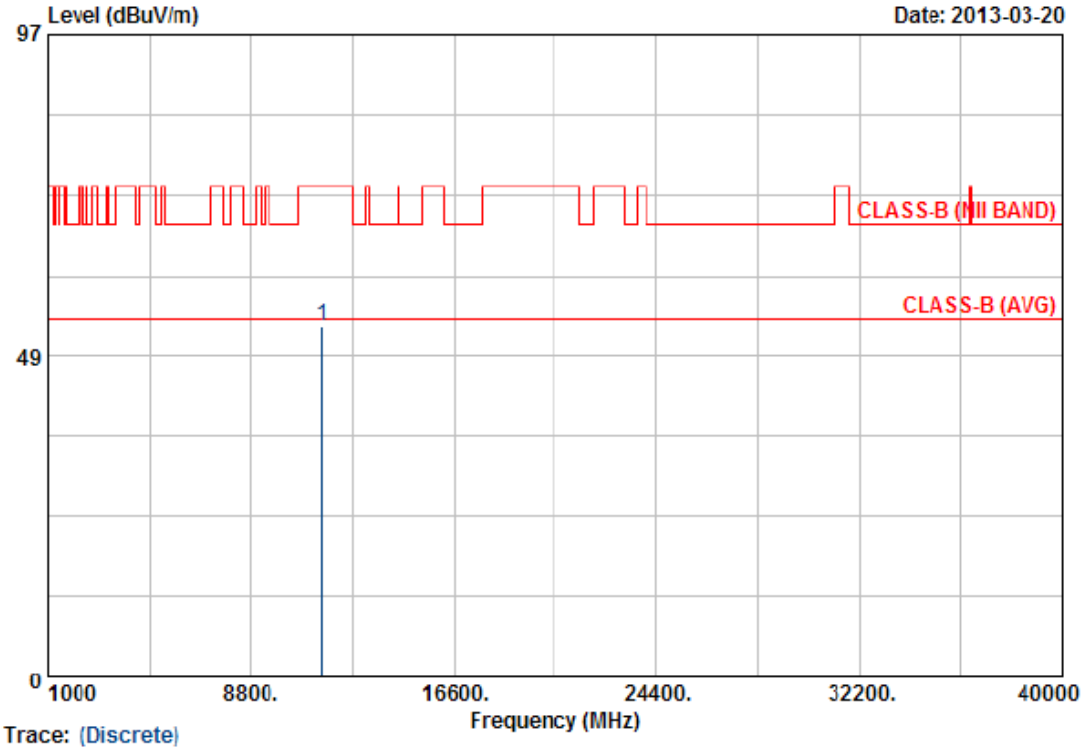
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11590.16	43.23	9.10	52.33	74.00	-21.67	Peak	100	203

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11ac VHT80, CH155	Temperature	:	22 °C
Memo	:	Model No. UAP-AC	Humidity	:	65 %



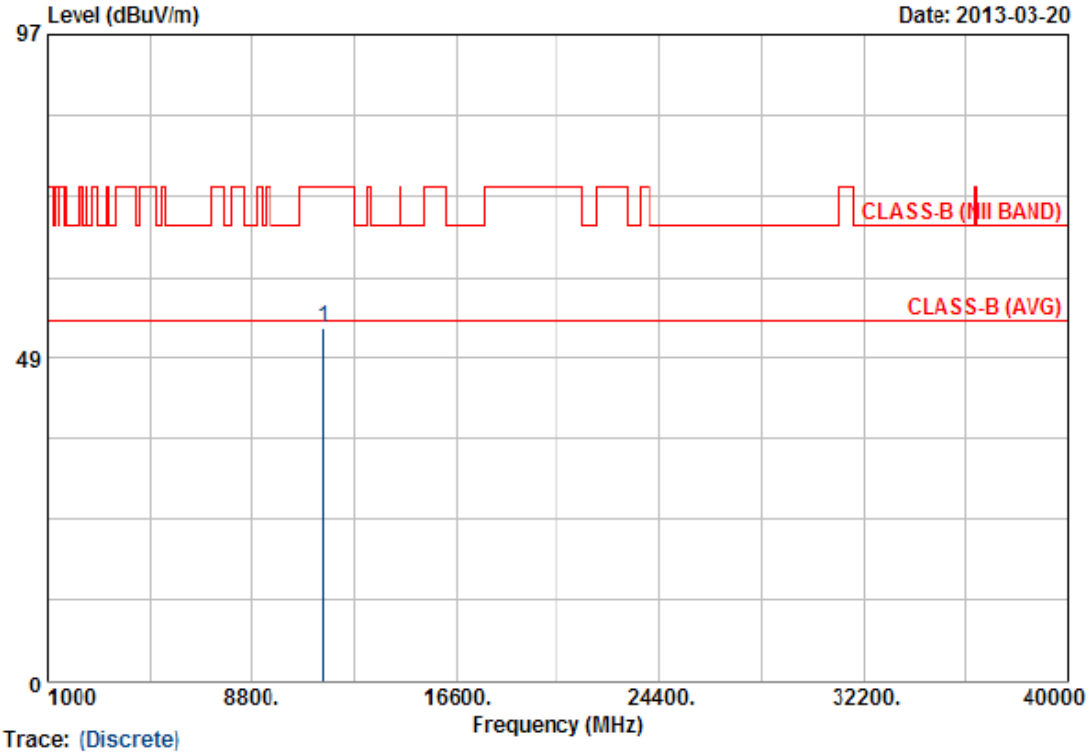
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11550.49	45.29	7.59	52.88	74.00	-21.12	Peak	100	251

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11ac VHT80, CH155	Temperature	:	22 °C
Memo	:	Model No. UAP-AC r	Humidity	:	65 %



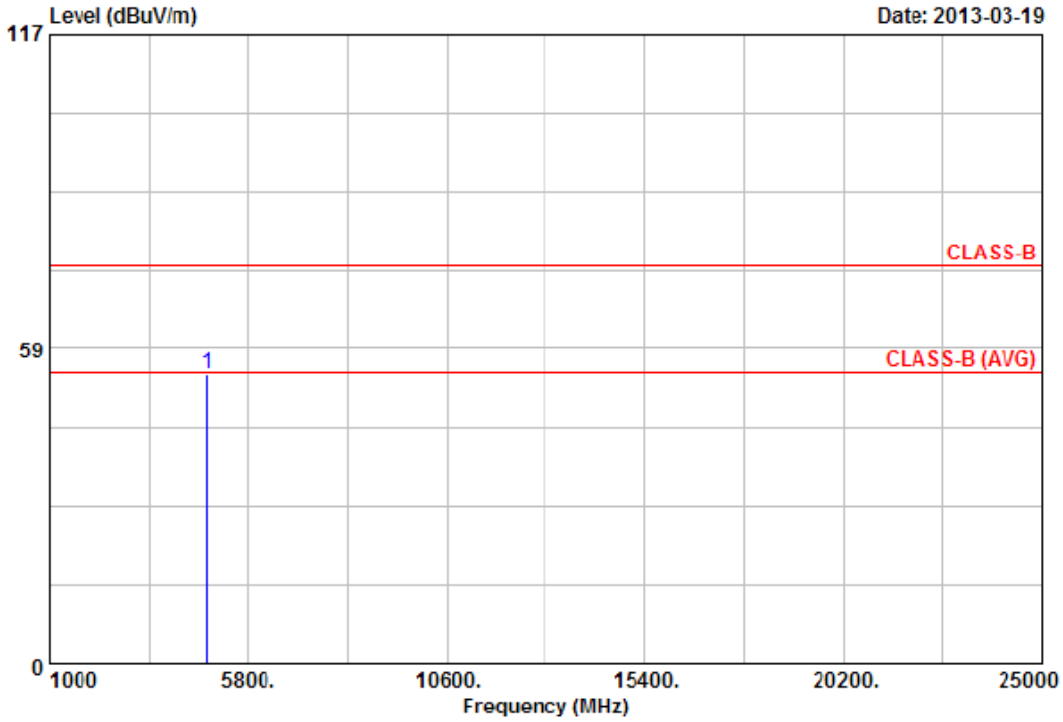
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11550.20	43.41	9.51	52.92	74.00	-21.08	Peak	100	203

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11b, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

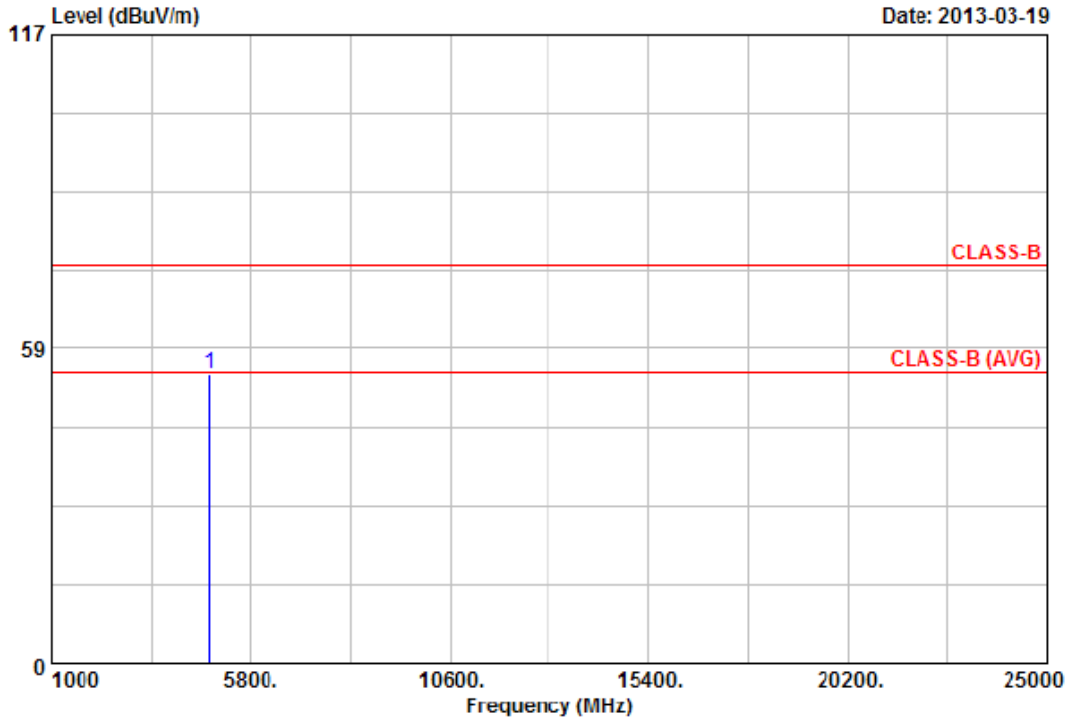


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.98	48.15	5.61	53.76	74.00	-20.24	Peak	100	286

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11b, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

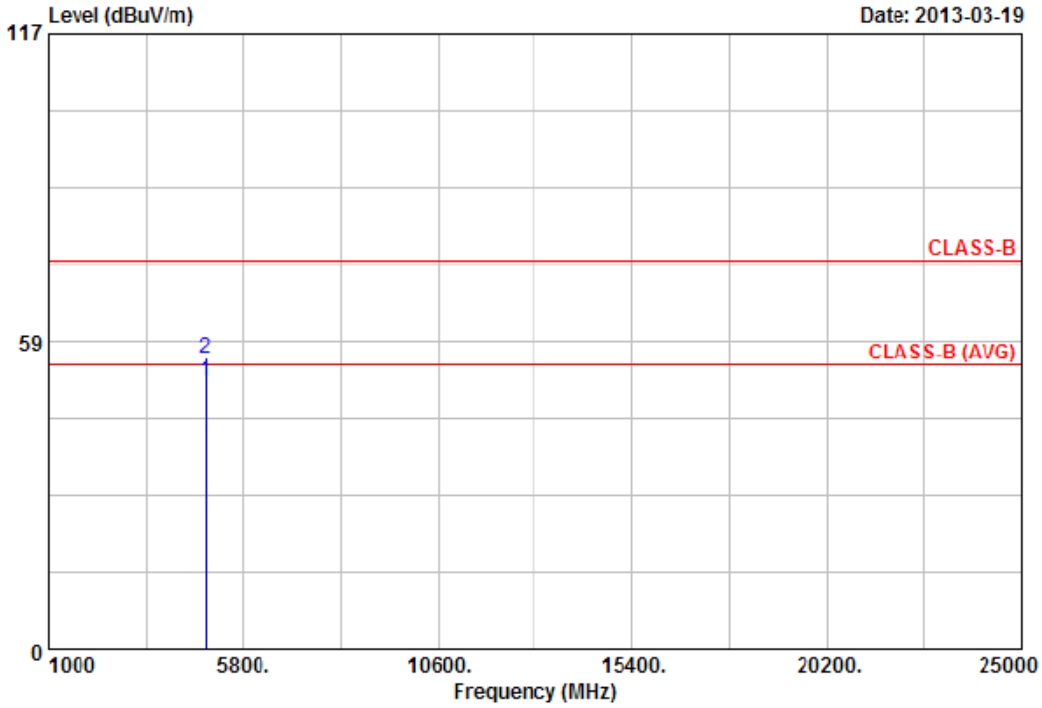


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.95	49.72	3.94	53.66	74.00	-20.34	Peak	100	286

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11b, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

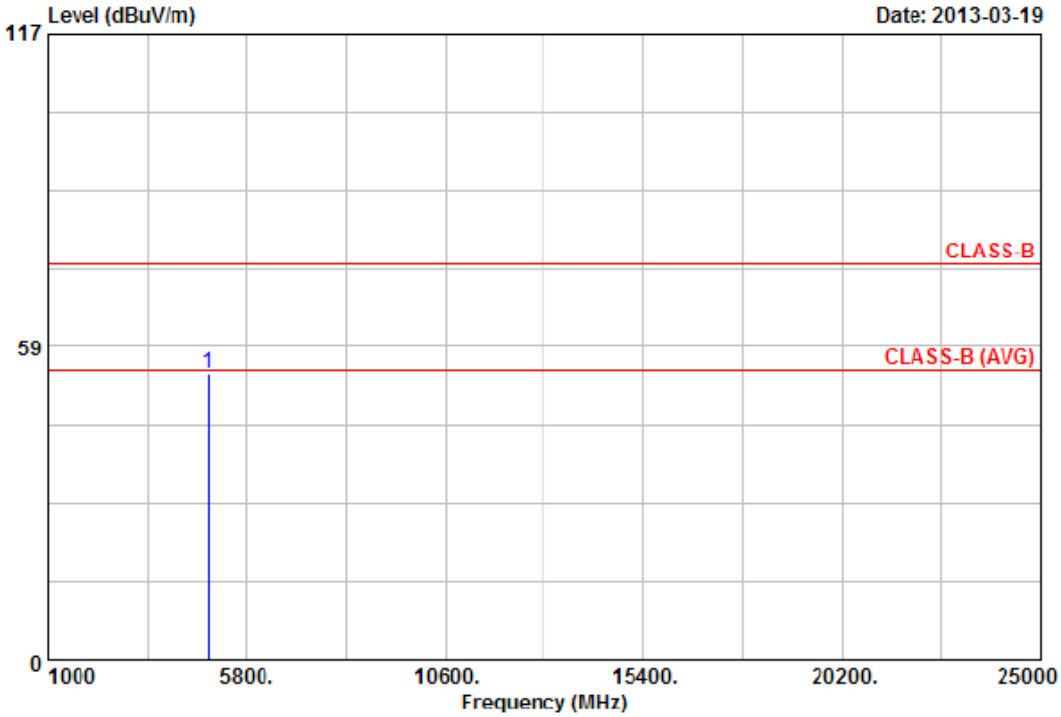


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	44.31	6.59	50.90	54.00	-3.10	Average	100	290
2	4873.88	48.85	6.59	55.44	74.00	-18.56	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11b, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

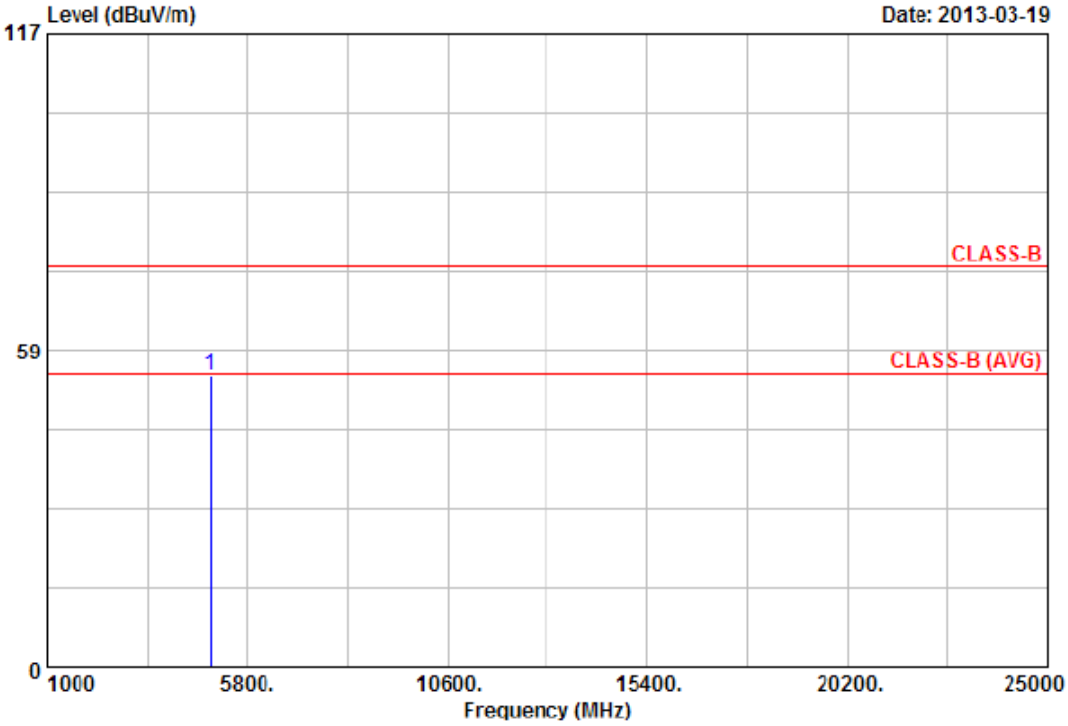


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.05	48.58	4.73	53.31	74.00	-20.69	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11b, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

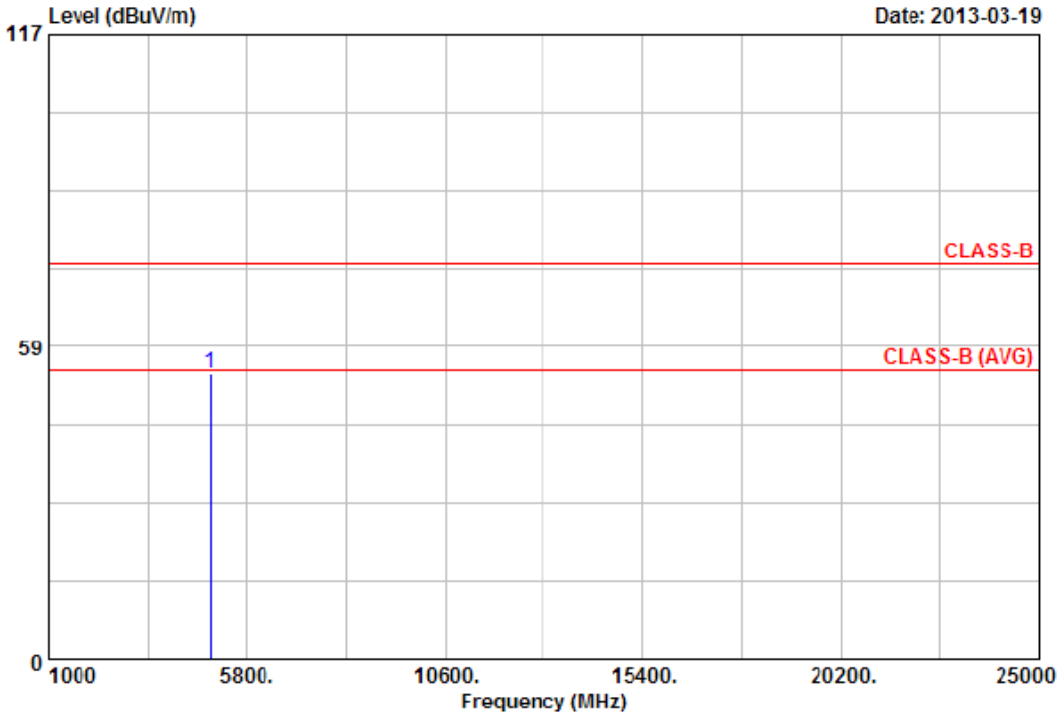


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.88	46.60	7.16	53.76	74.00	-20.24	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V From PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11b, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

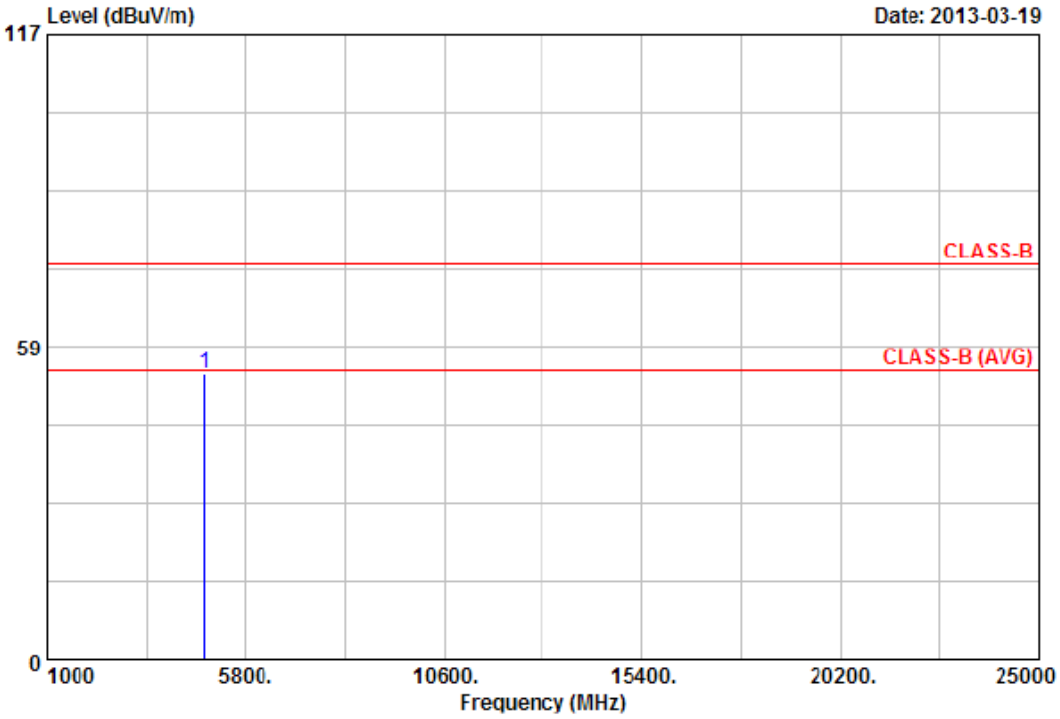


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.03	48.40	5.15	53.55	74.00	-20.45	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

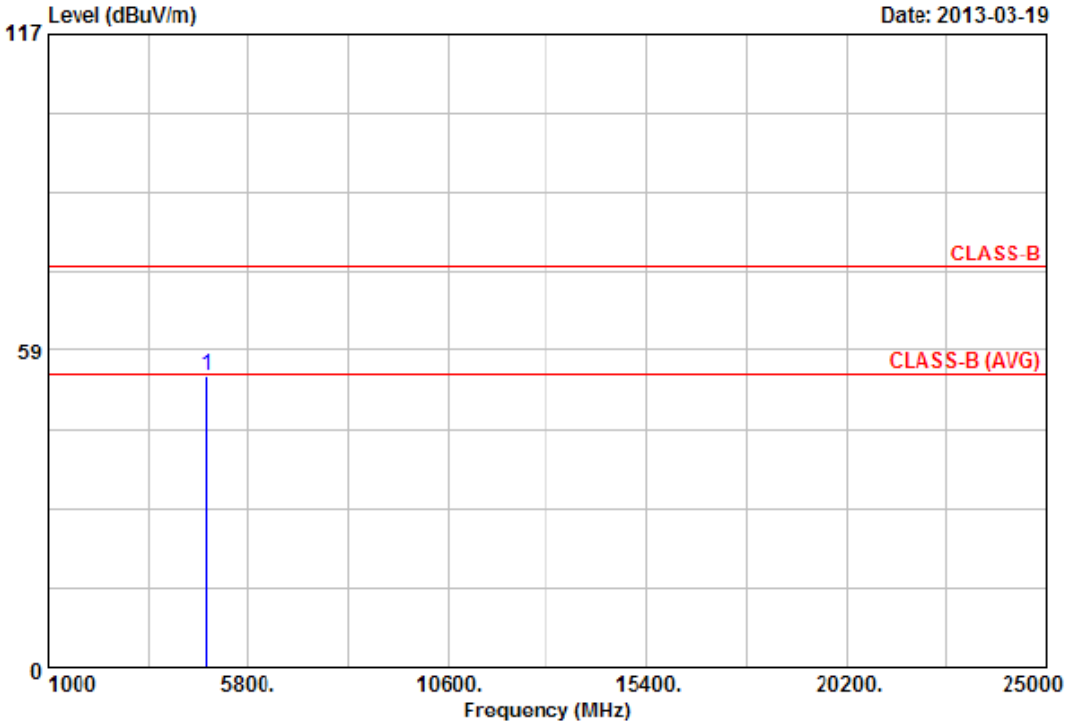


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.53	47.74	5.62	53.36	74.00	-20.64	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

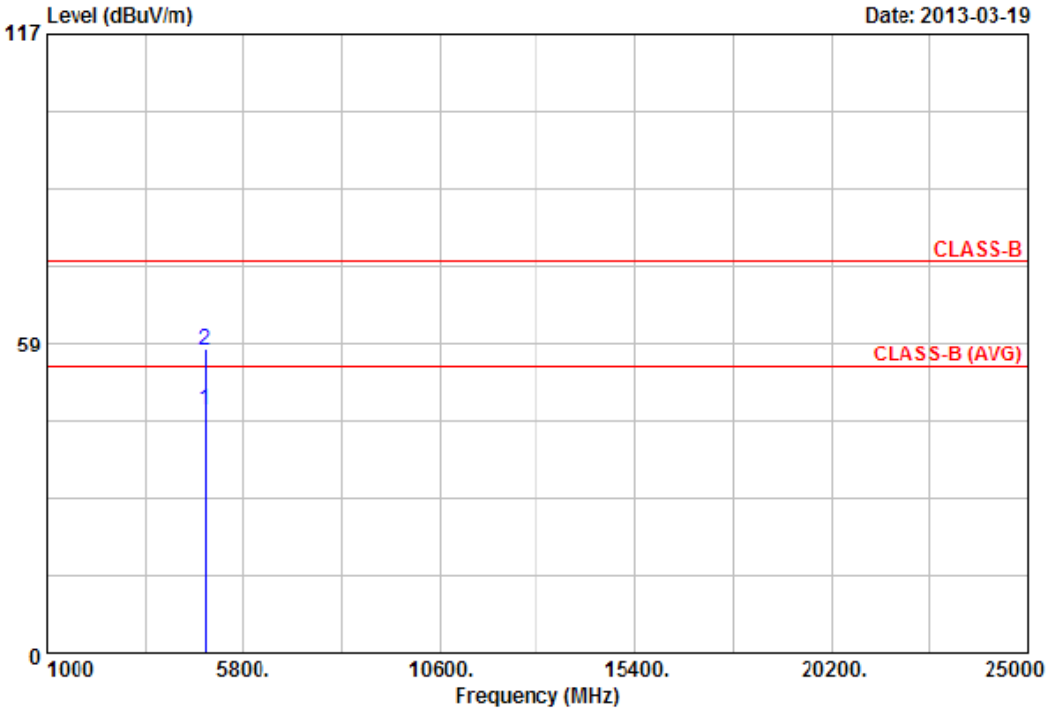


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.80	49.80	3.94	53.74	74.00	-20.26	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	AC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

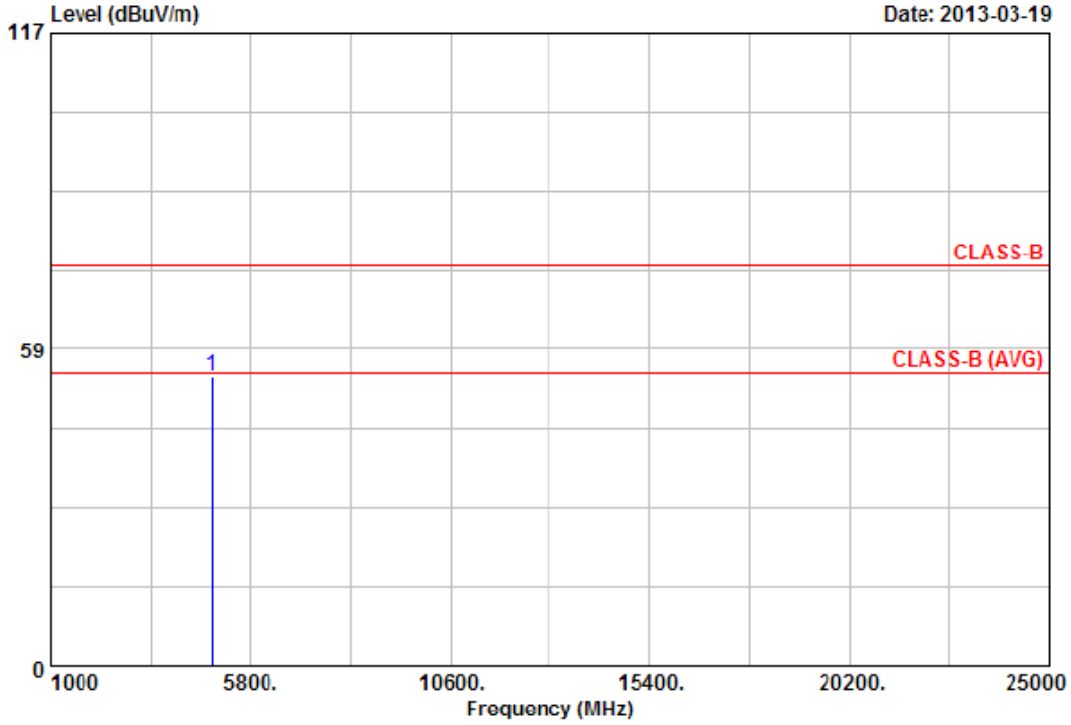


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.73	39.23	6.58	45.81	54.00	-8.19	Average	100	290
2	4873.73	50.93	6.58	57.51	74.00	-16.49	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

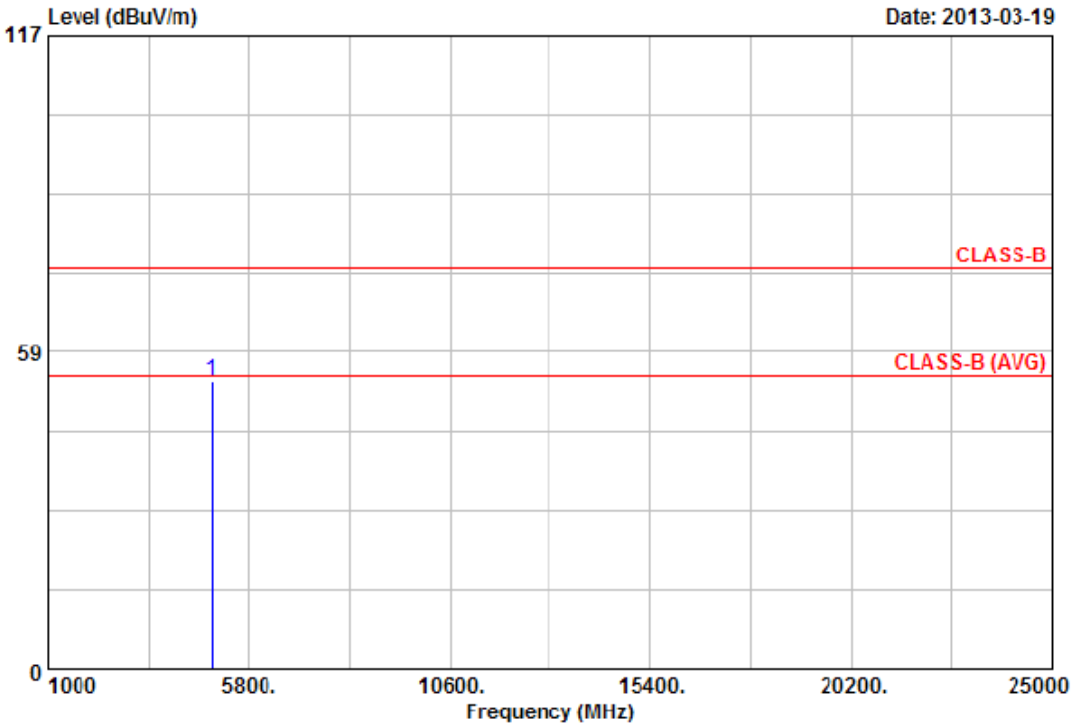


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.35	48.87	4.73	53.60	74.00	-20.40	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 1	:	802.11g, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

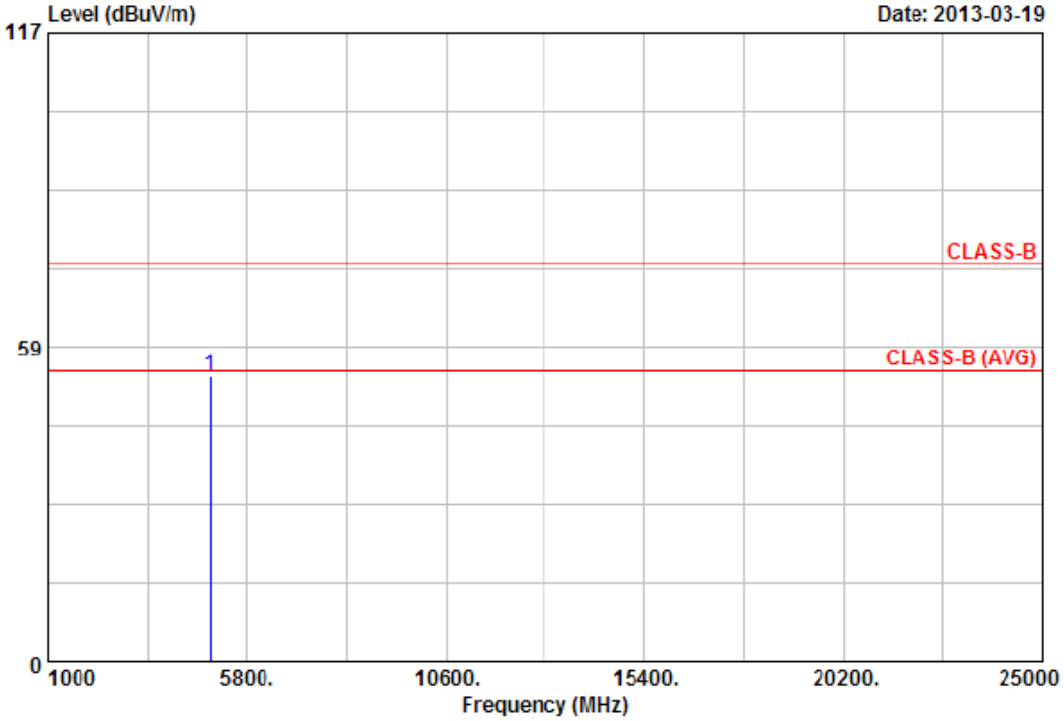


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.40	45.85	7.16	53.01	74.00	-20.99	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	802.11g, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

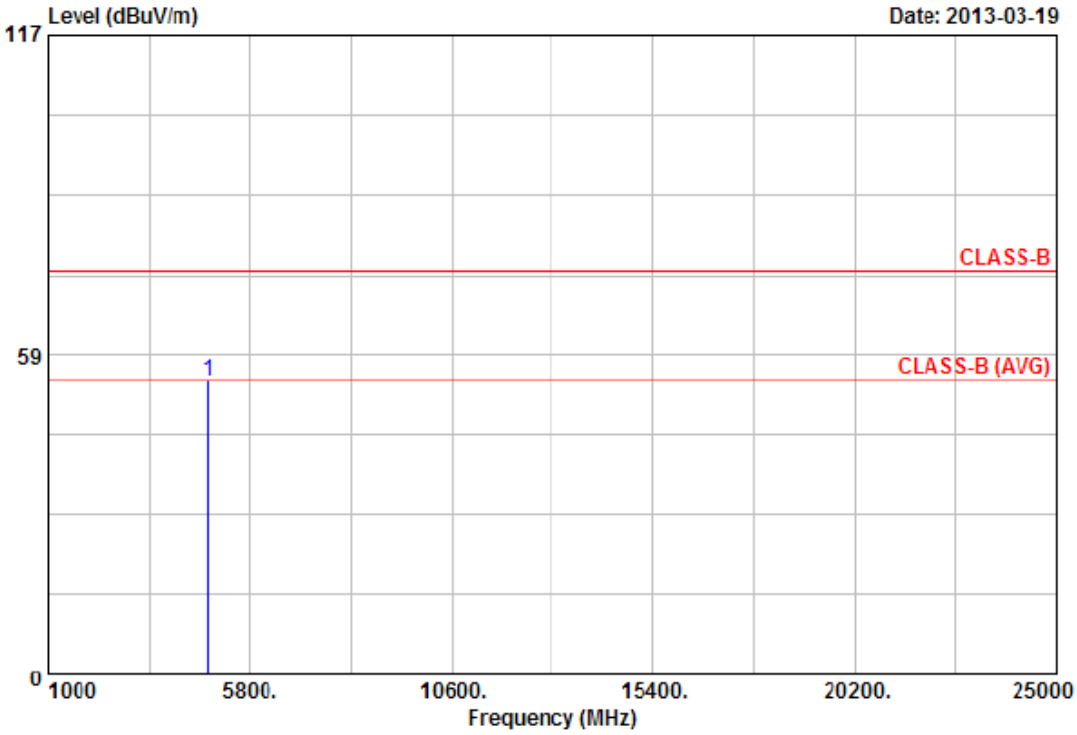


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4921.60	47.99	5.15	53.14	74.00	-20.86	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

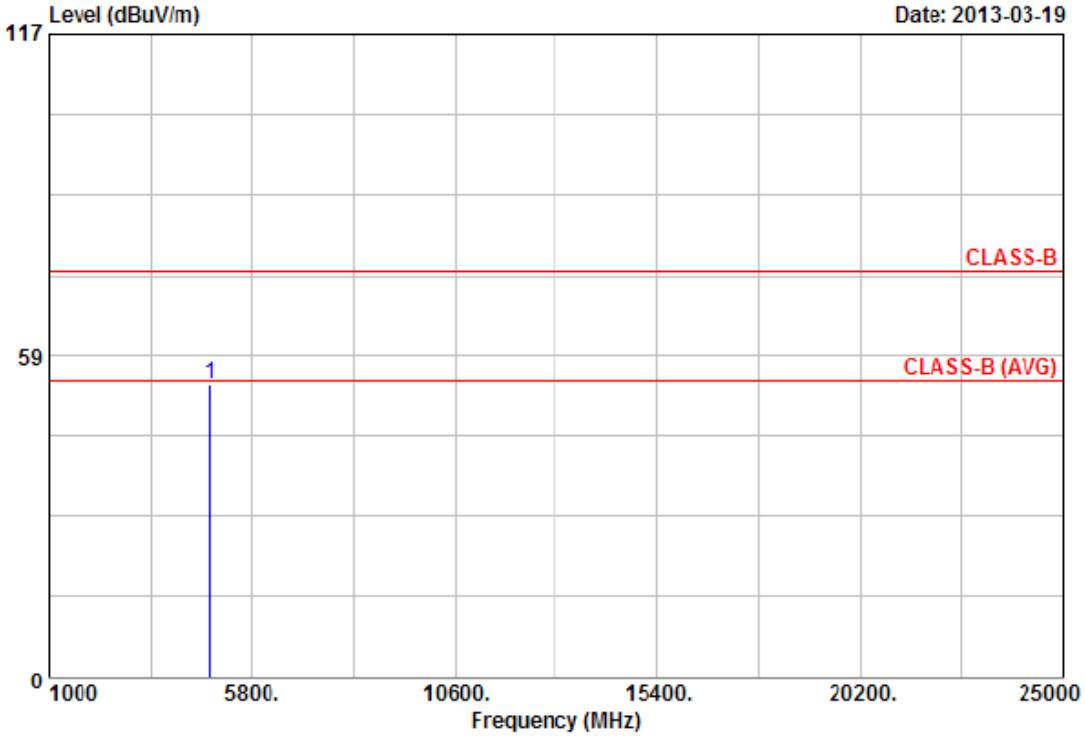


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4821.60	48.14	5.56	53.70	74.00	-20.30	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH1	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

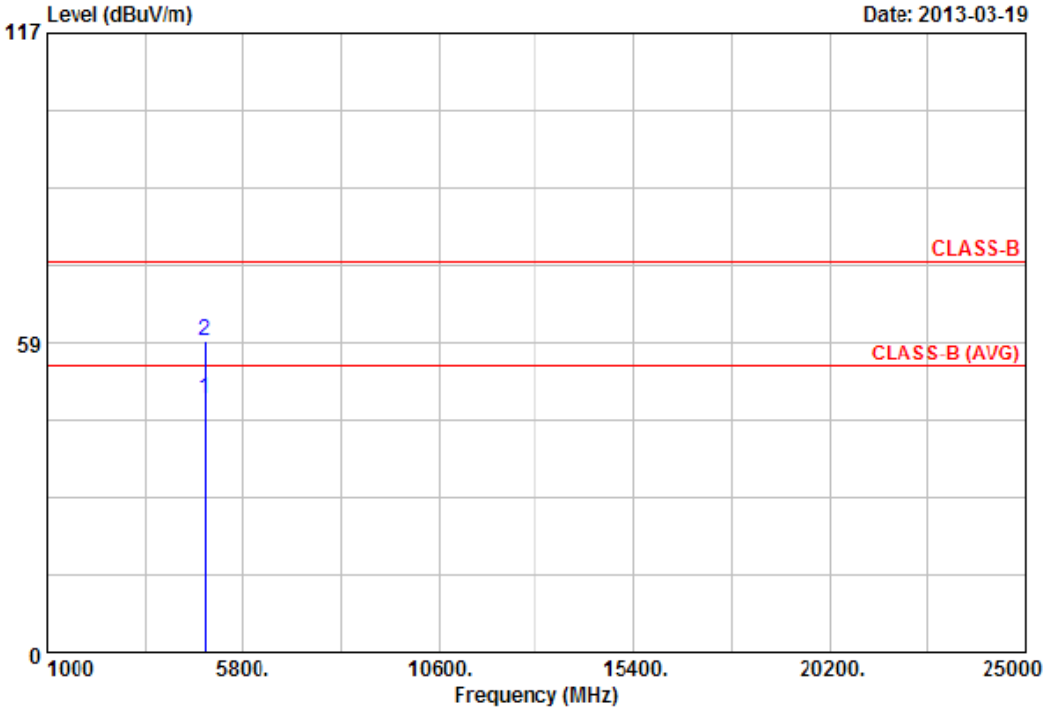


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.95	49.41	3.94	53.35	74.00	-20.65	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

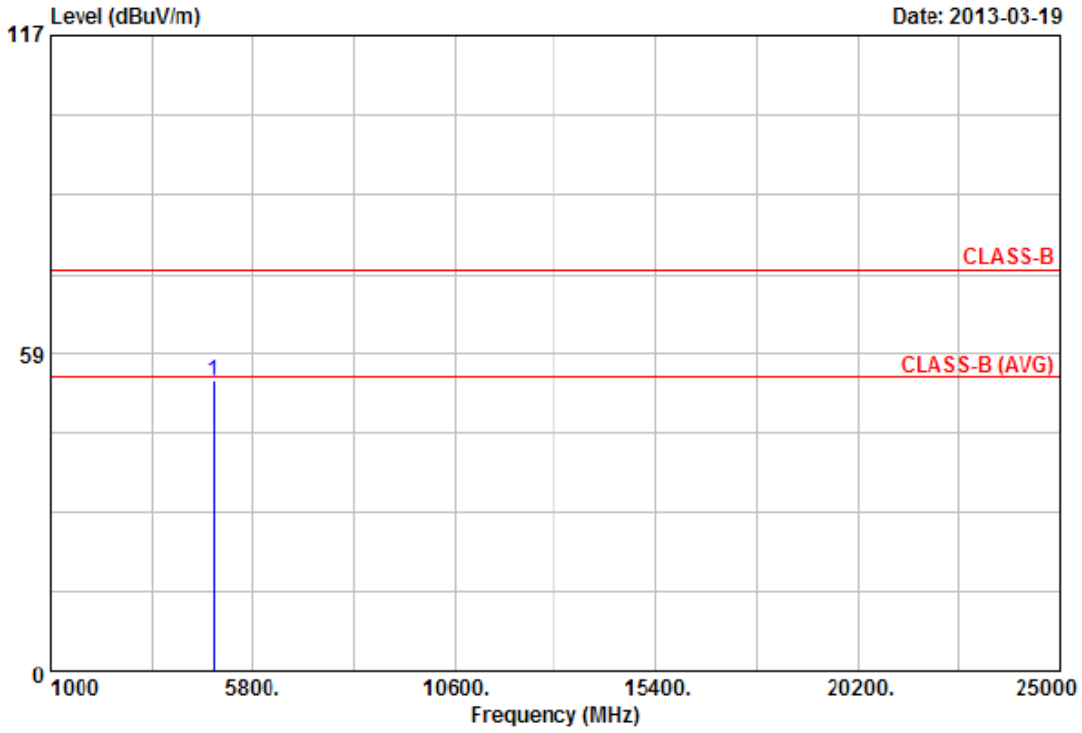


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.58	41.19	6.58	47.77	54.00	-6.23	Average	100	290
2	4873.58	52.55	6.58	59.13	74.00	-14.87	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

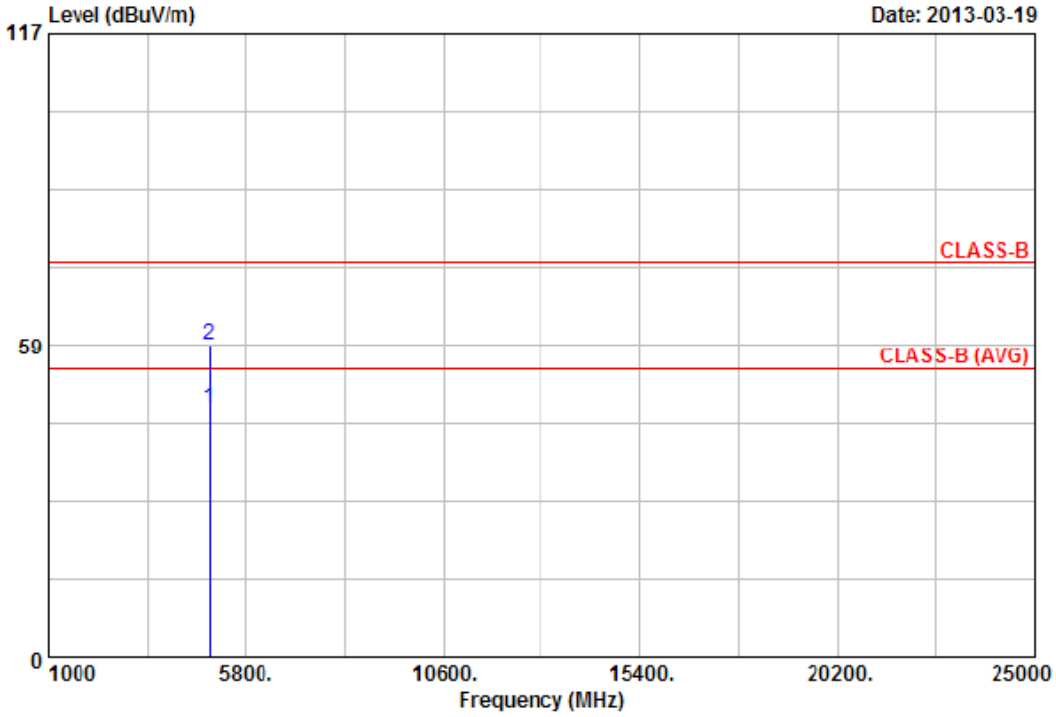


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.65	48.65	4.73	53.38	74.00	-20.62	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 2	:	802.11n HT20, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

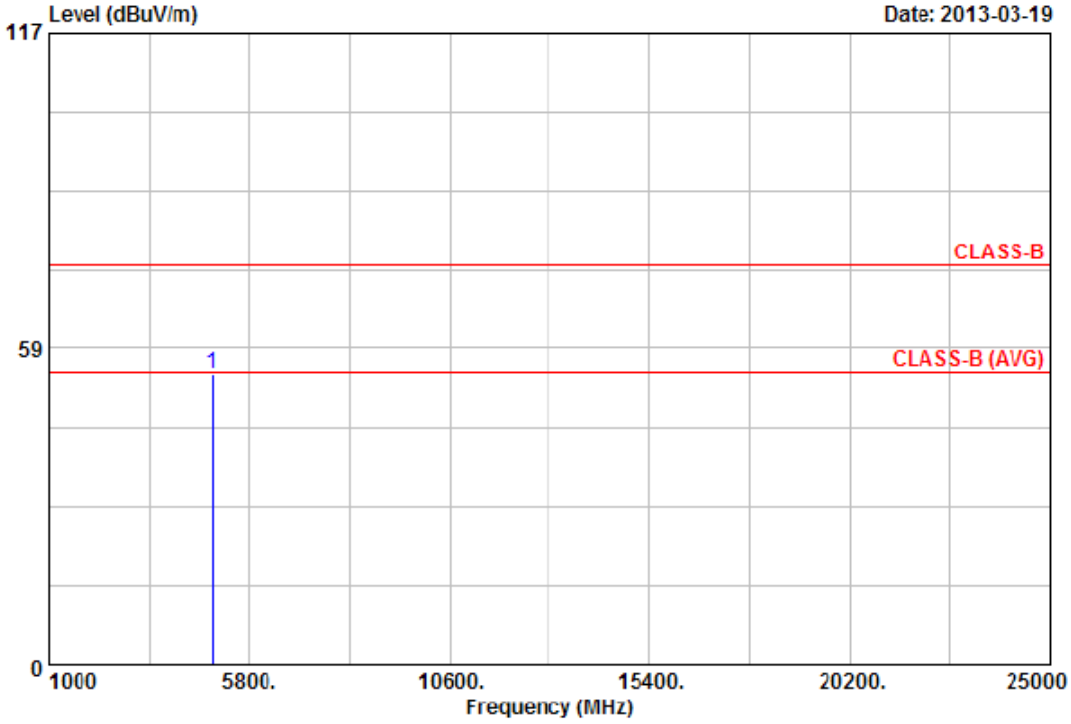


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.50	39.41	7.16	46.57	54.00	-7.43	Average	100	290
2	4923.50	51.49	7.16	58.65	74.00	-15.35	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 2	:	802.11n HT20, CH11	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

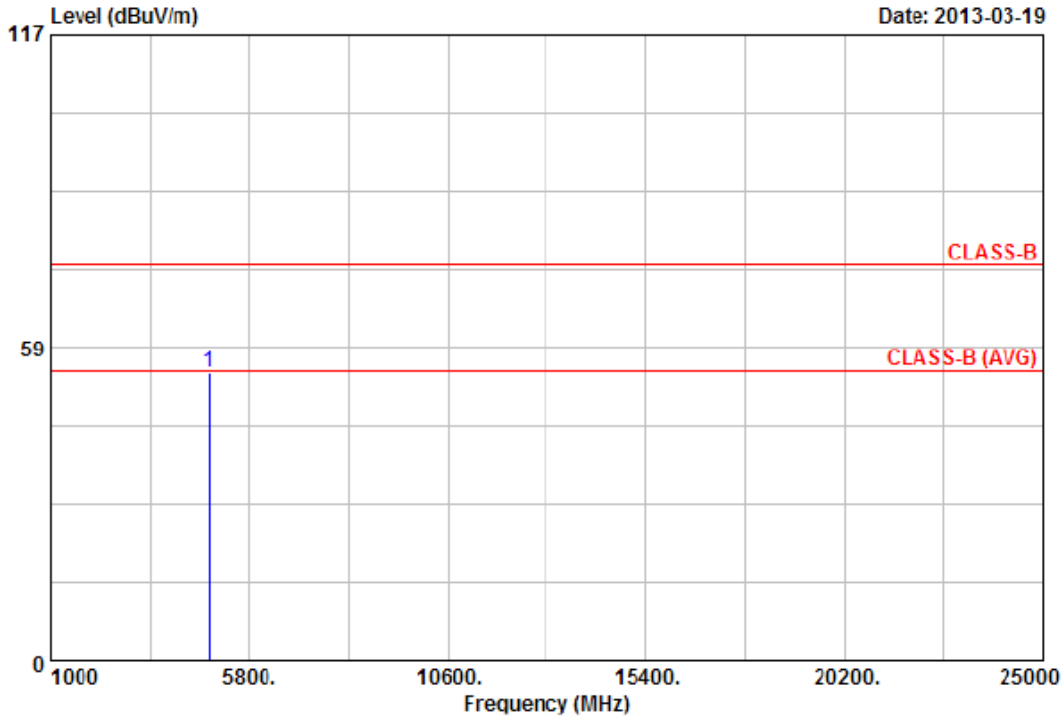


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.55	48.62	5.15	53.77	74.00	-20.23	Peak	100	290

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40 CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

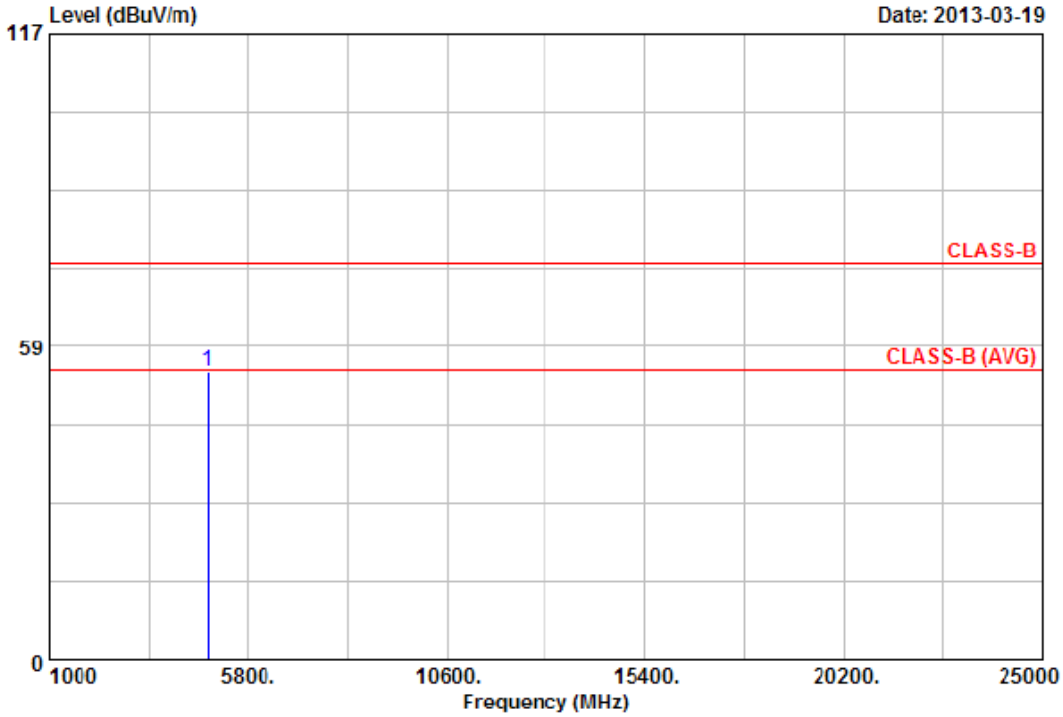


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4845.53	47.70	6.03	53.73	74.00	-20.27	Peak	100	286

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40 CH3	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

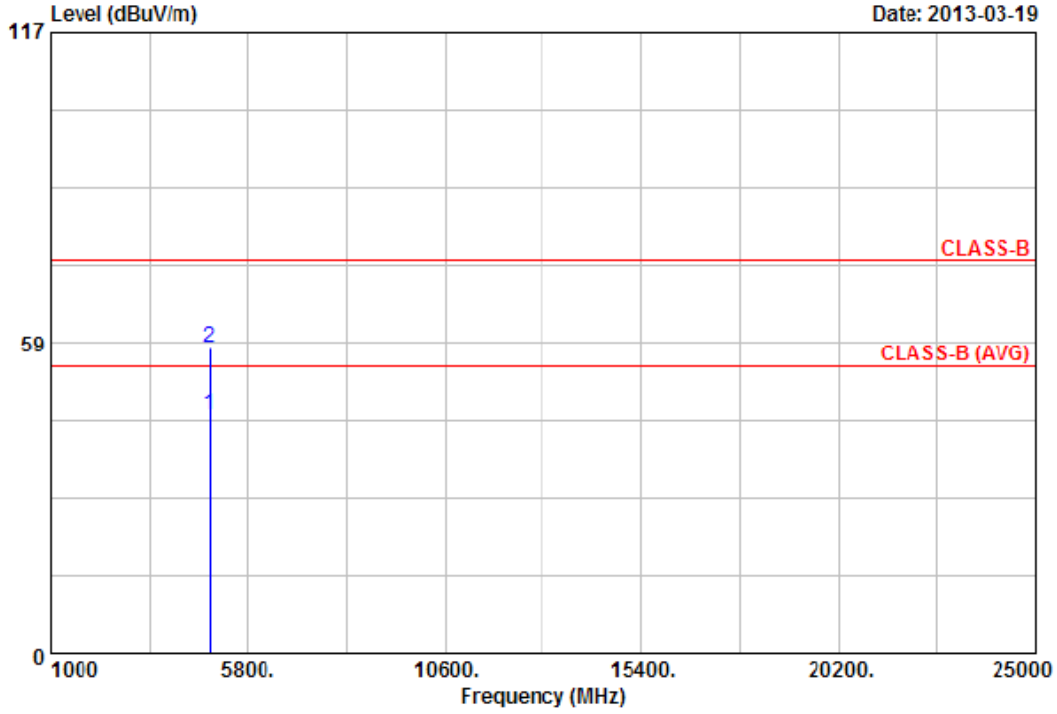


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4845.38	49.39	4.28	53.67	74.00	-20.33	Peak	100	286

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40 CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

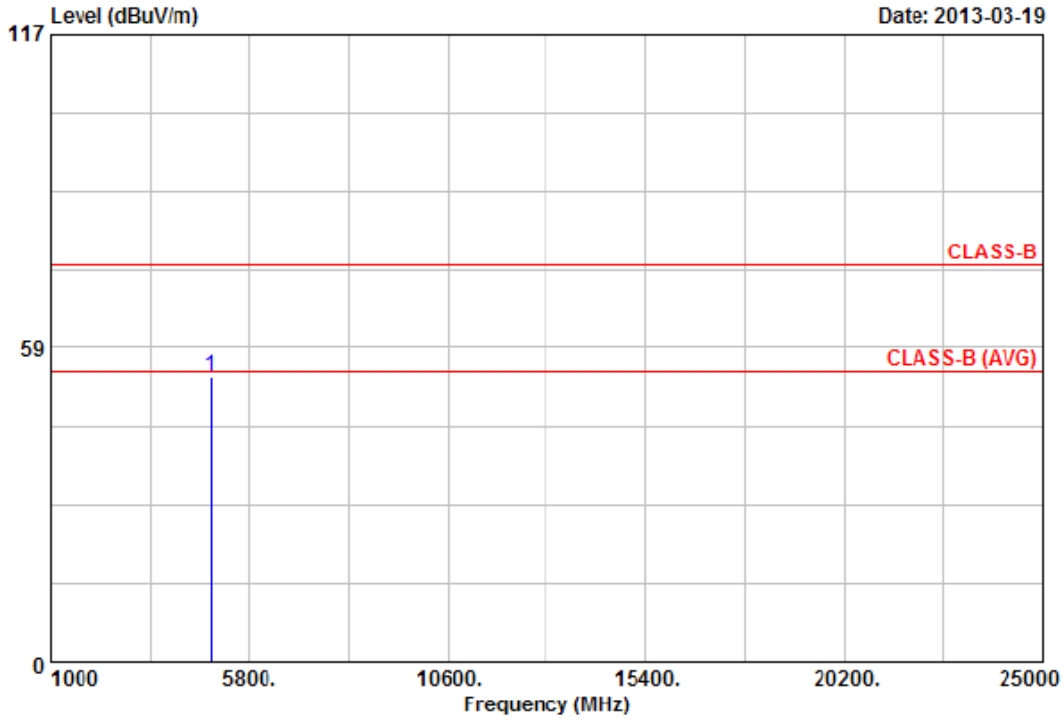


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.85	38.32	6.59	44.91	54.00	-9.09	Average	100	286
2	4873.85	51.05	6.59	57.64	74.00	-16.36	Peak	100	286

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V form PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40 CH6	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

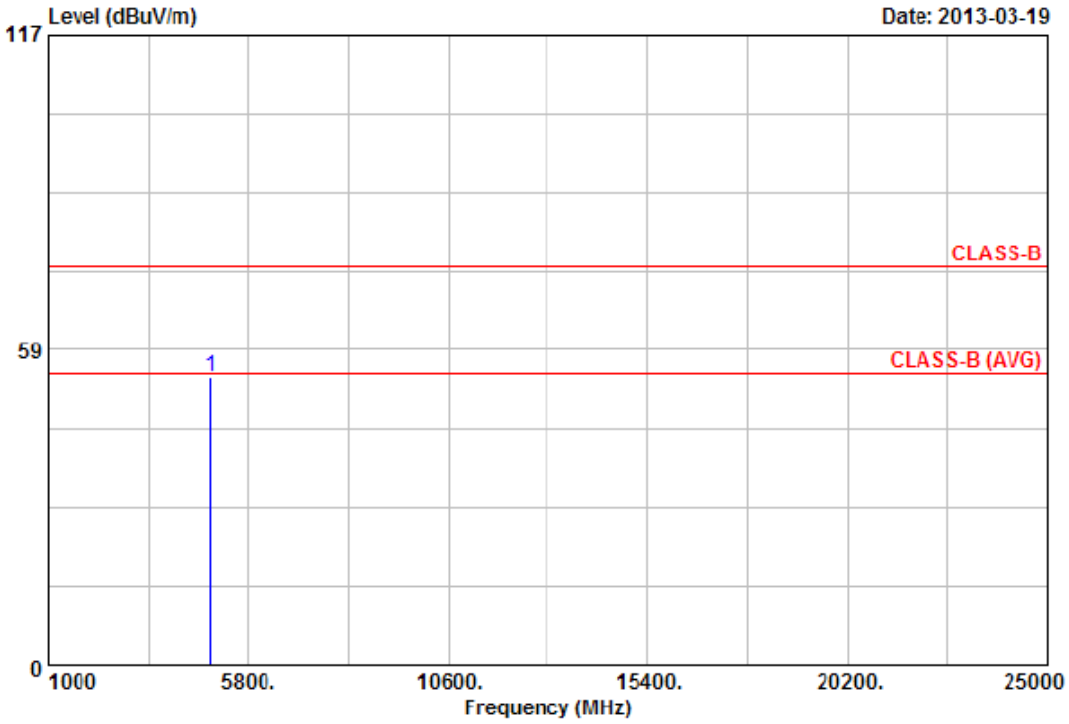


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.38	48.43	4.73	53.16	74.00	-20.84	Peak	100	286

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 3	:	802.11n HT40, CH9	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

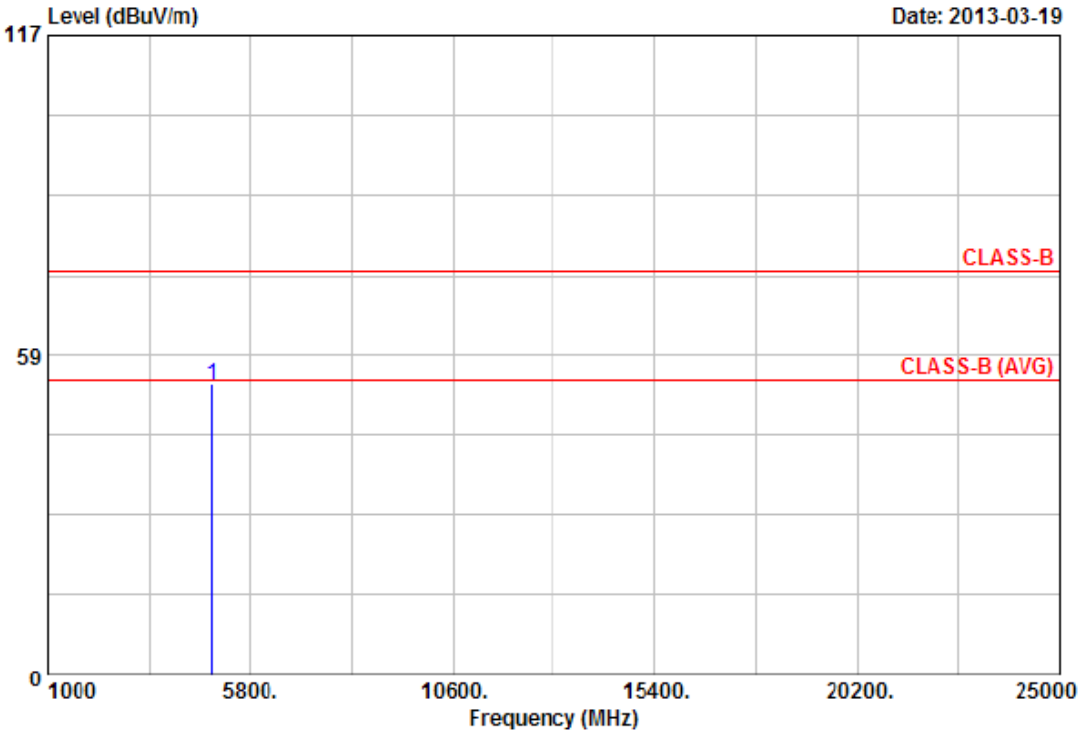


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.75	46.47	7.12	53.59	74.00	-20.41	Peak	100	286

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 3	:	802.11n HT40, CH9	Temperature	:	25 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	51 %

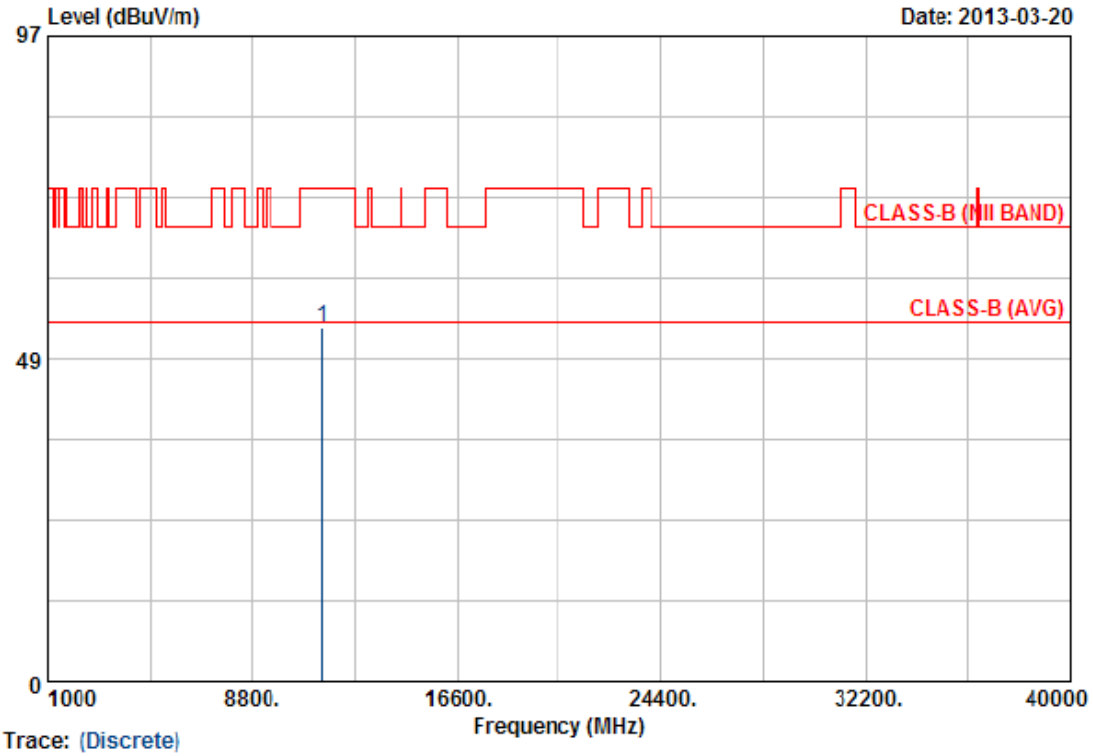


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.10	47.99	5.14	53.13	74.00	-20.87	Peak	100	286

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.(The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20 CH149	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



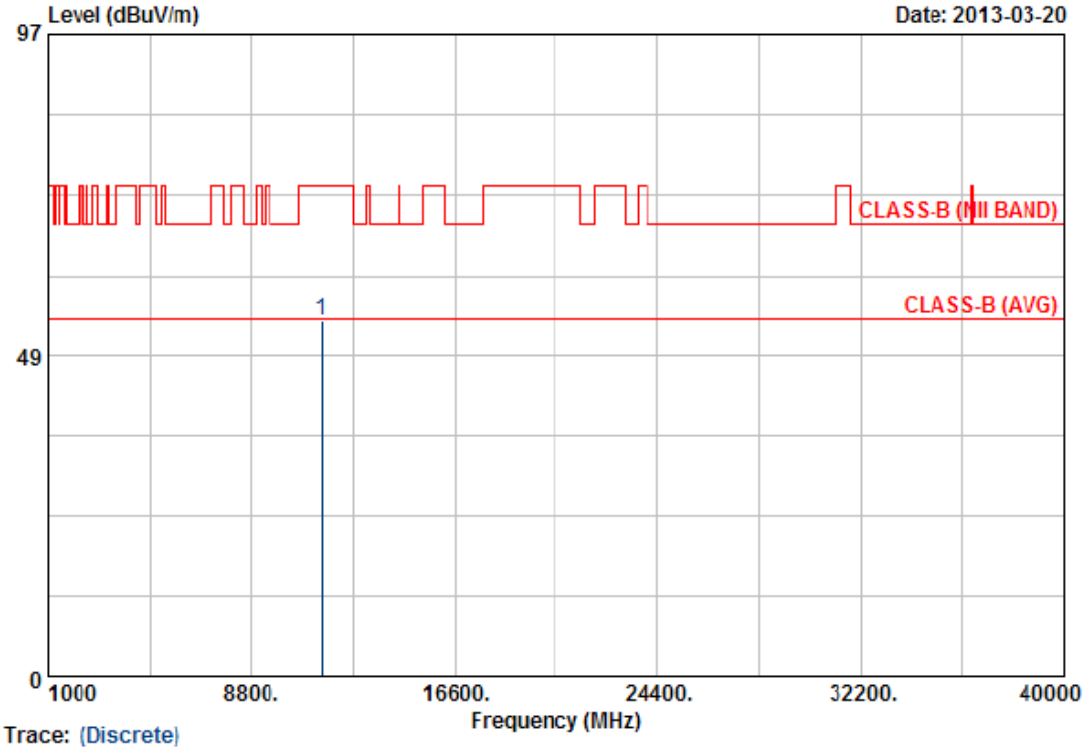
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11489.18	45.65	7.71	53.36	74.00	-20.64	Peak	100	216

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20 CH149	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



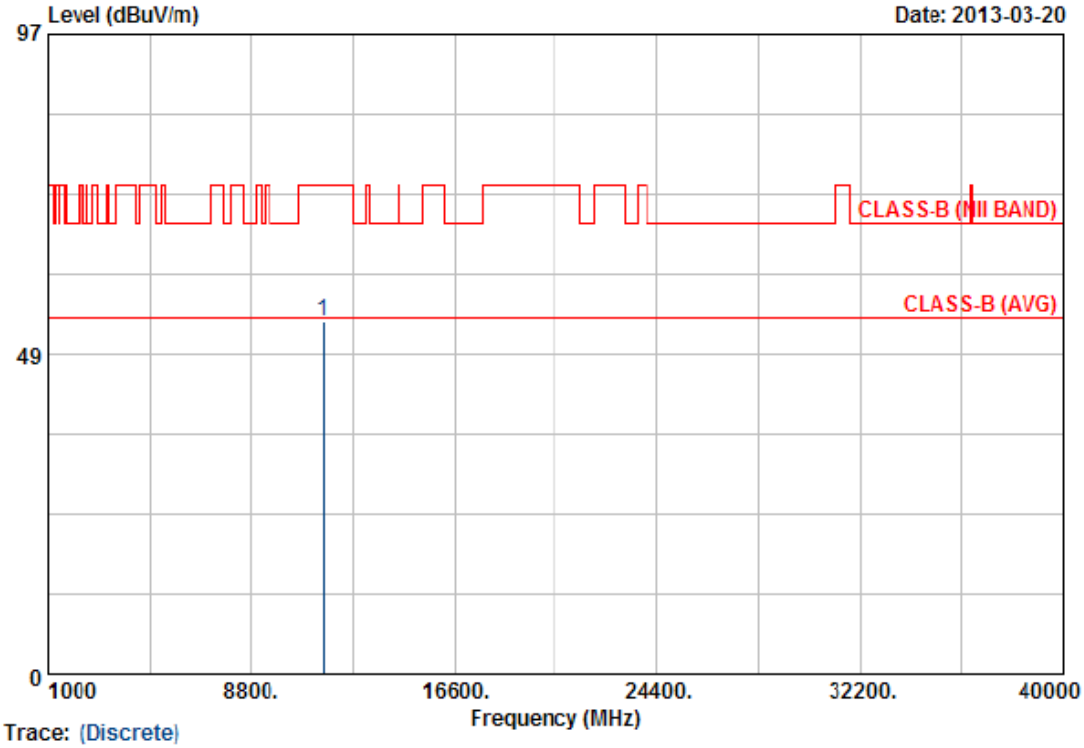
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11492.58	43.70	10.03	53.73	74.00	-20.27	Peak	100	208

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20 CH157	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



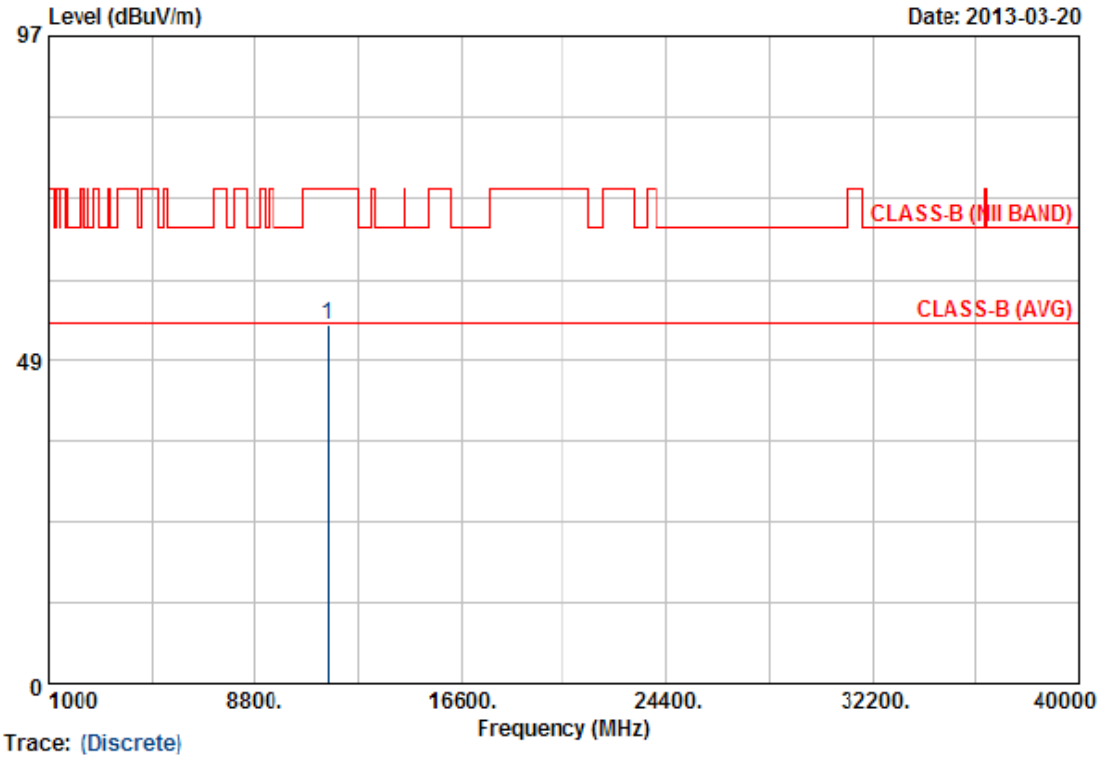
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11571.47	45.94	7.52	53.46	74.00	-20.54	Peak	100	250

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20 CH157	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



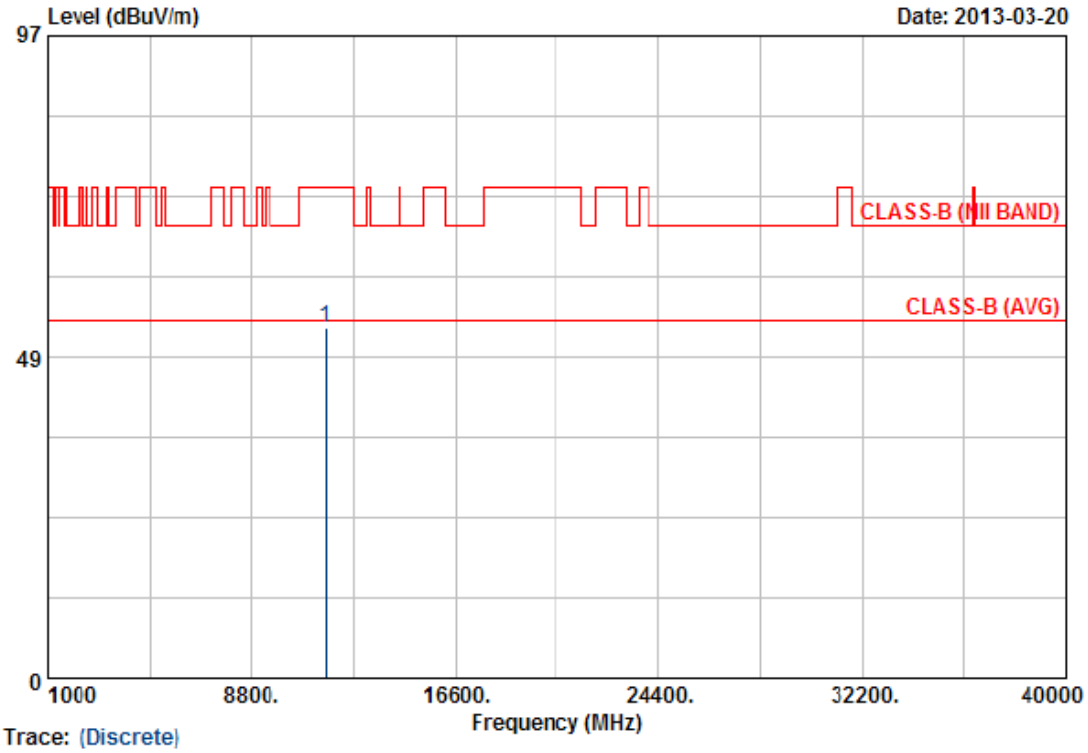
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11571.79	44.37	9.29	53.66	74.00	-20.34	Peak	100	162

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT20 CH165	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



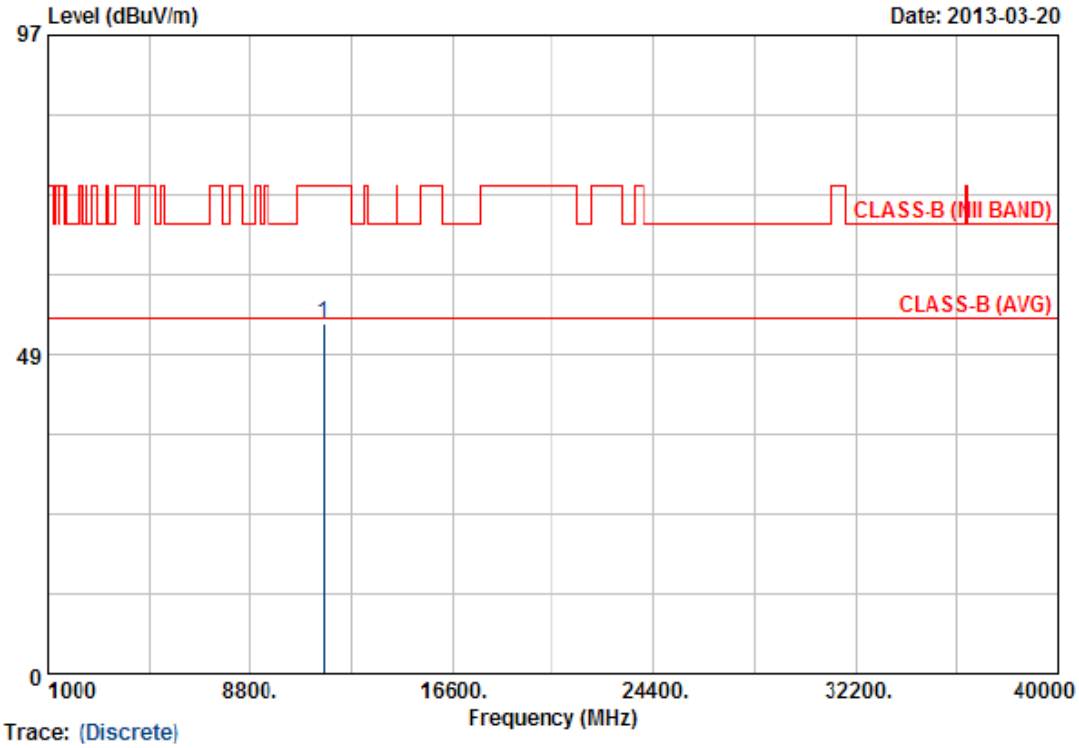
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11652.98	45.87	7.21	53.08	74.00	-20.92	Peak	100	232

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT20 CH165	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



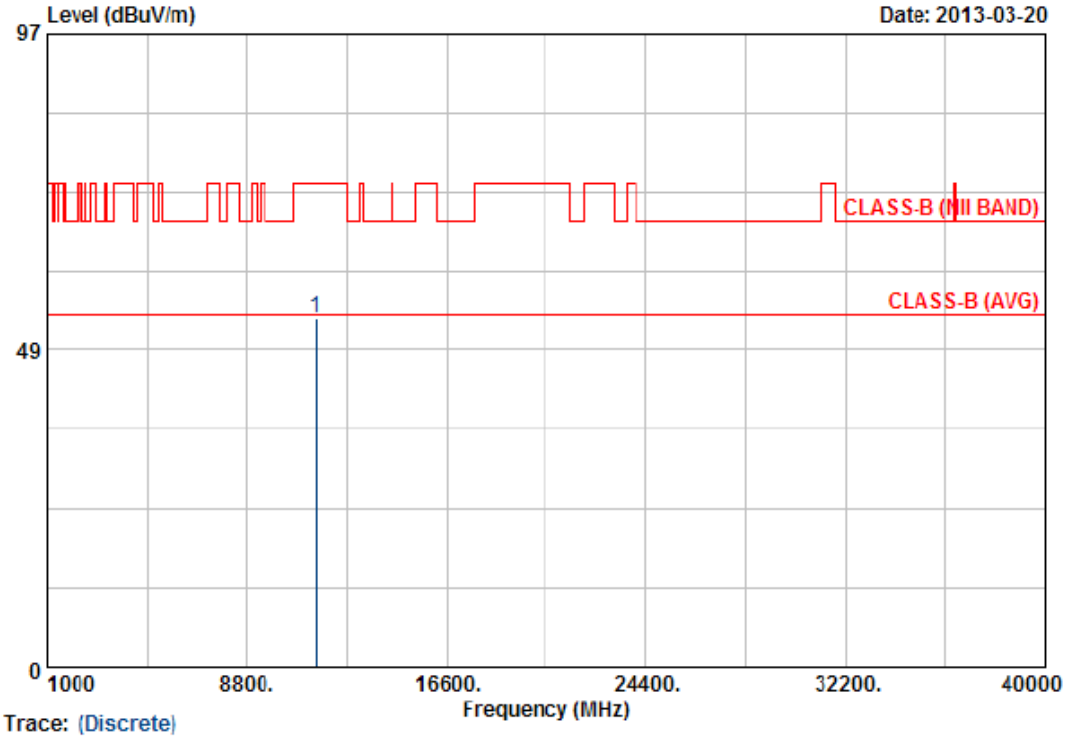
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11645.02	44.46	8.85	53.31	74.00	-20.69	Peak	100	282

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT40 CH151	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



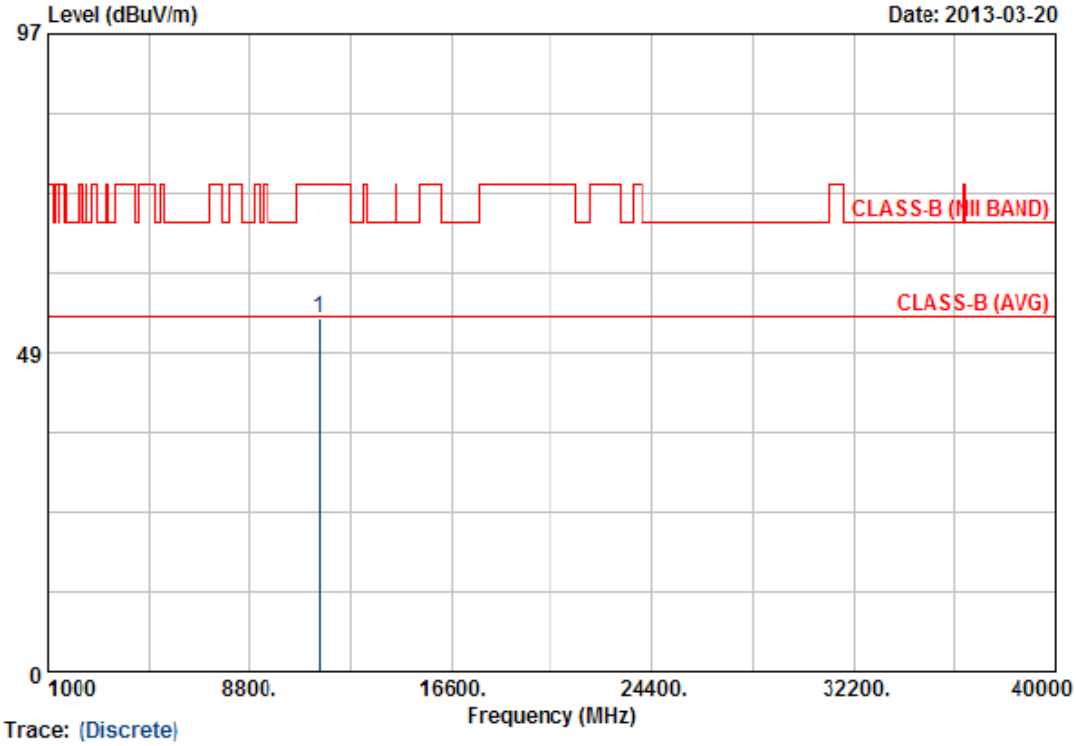
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11511.20	45.85	7.73	53.58	74.00	-20.42	Peak	100	251

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT40 CH151	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



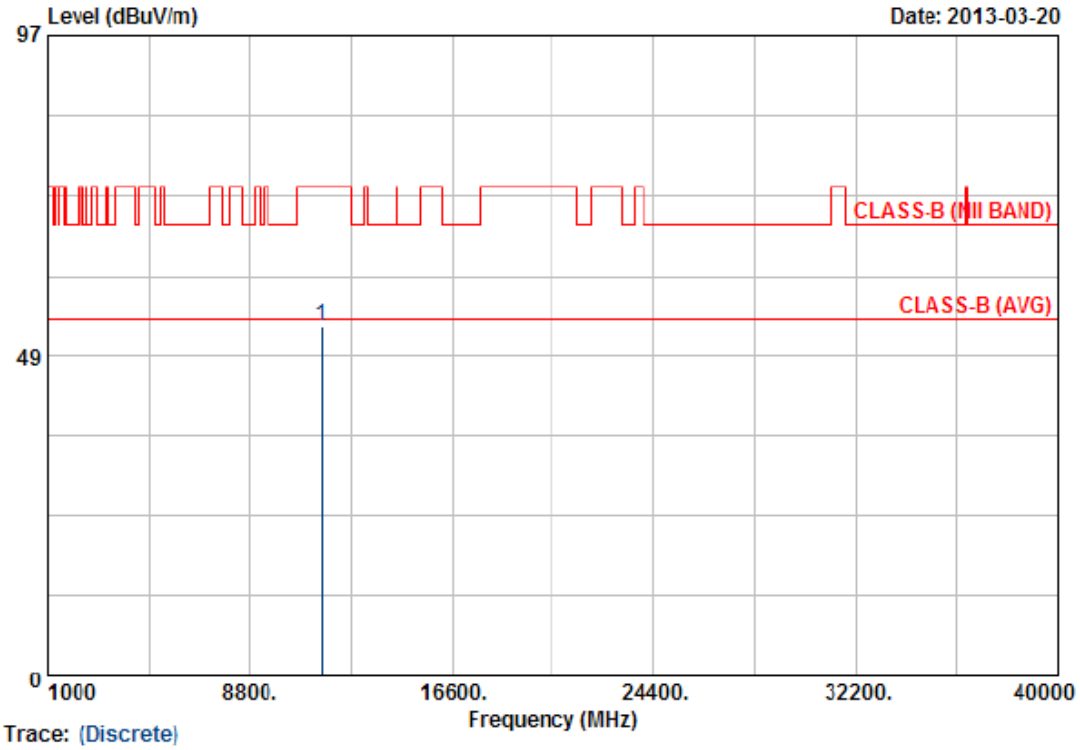
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11510.50	43.75	9.92	53.67	74.00	-20.33	Peak	100	203

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	VERTICAL
Test Mode 4	:	802.11ac VHT40 CH159	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



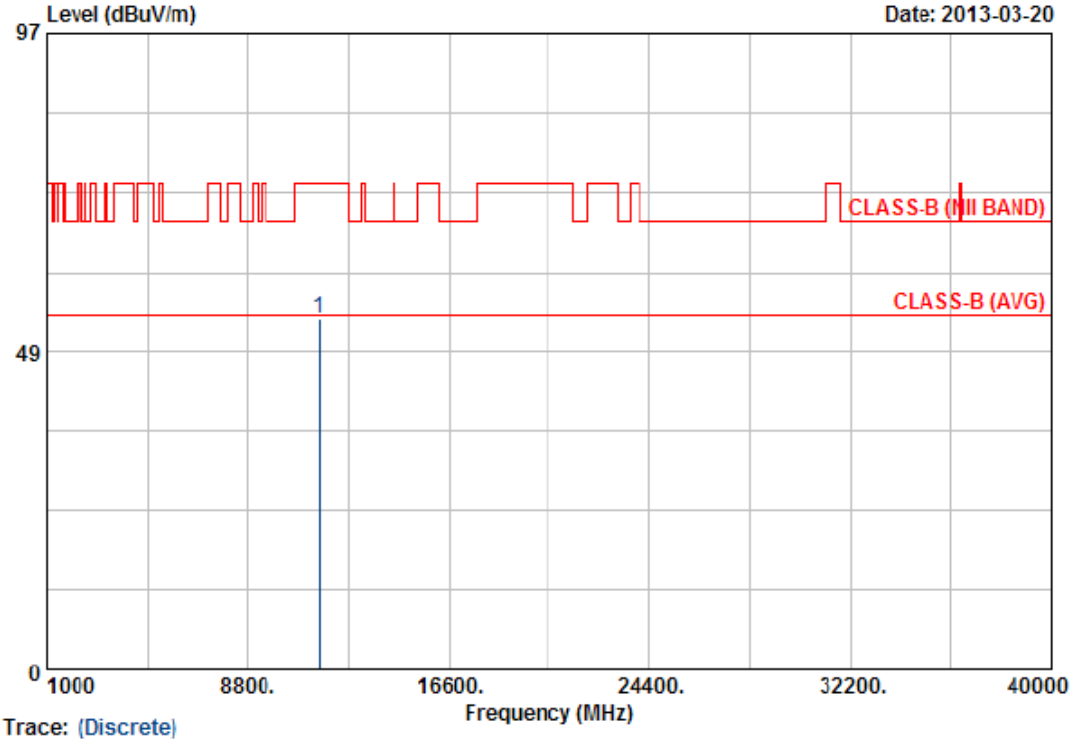
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11586.49	45.59	7.46	53.05	74.00	-20.95	Peak	100	251

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 4	:	802.11ac VHT40 CH159	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



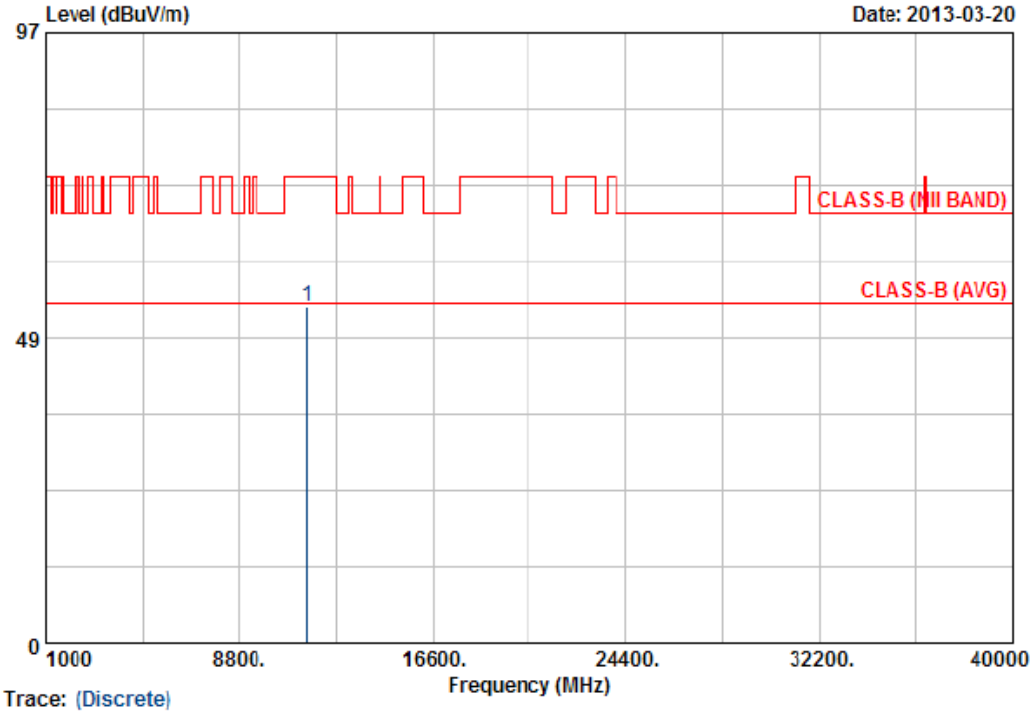
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11590.16	44.31	9.10	53.41	74.00	-20.59	Peak	100	203

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	FROM SYSTEM	Pol/Phase	:	VERTICAL
Test Mode 5	:	802.11ac VHT80, CH155	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



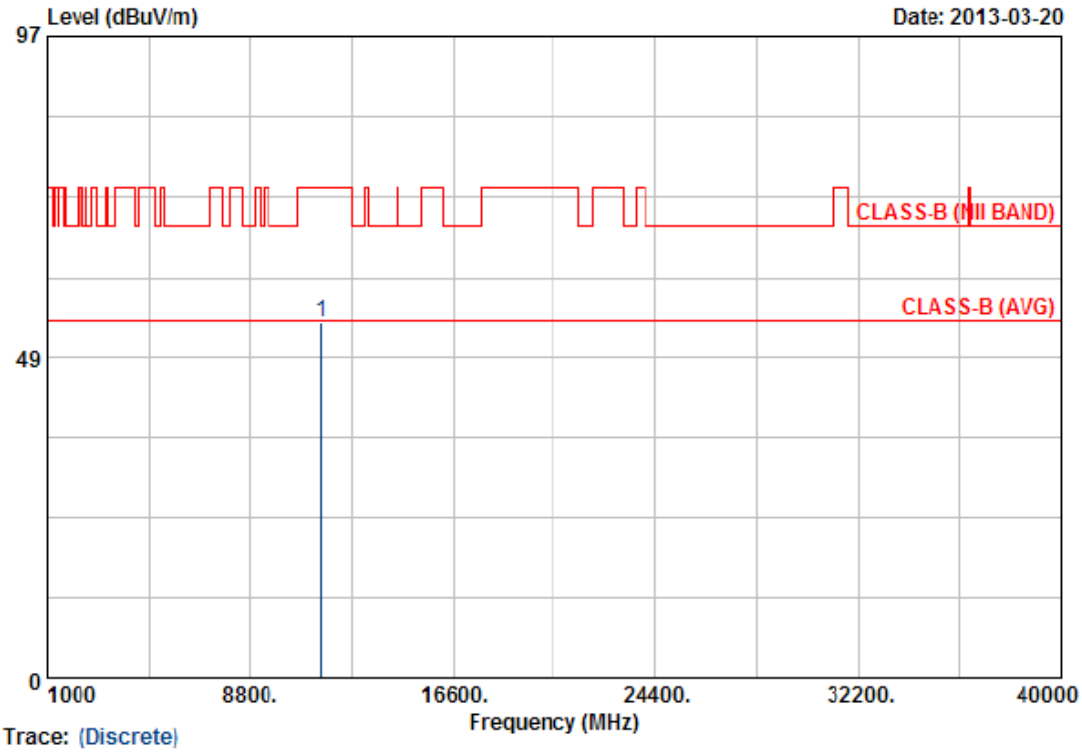
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11550.20	46.01	7.59	53.60	74.00	-20.40	Peak	100	251

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Power	:	DC 48V from PoE	Pol/Phase	:	HORIZONTAL
Test Mode 5	:	802.11ac VHT80, CH155	Temperature	:	22 °C
Memo	:	Model No. UAP-AC Outdoor	Humidity	:	65 %



Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	11550.50	44.37	9.51	53.88	74.00	-20.12	Peak	100	203

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.