



FCC TEST REPORT

FCC ID:2BC96NB-CMD02

Product: Birdfy Cam BD3A
Model Name: NB-CMD02, NB-CMD02-XXXXXX (XXXXXX can be A-Z, 0-9,a-z or blank, indicate different color)
Brand: Birdfy
Report No.: NCT260301097XE1-3

Prepared for

NETVUE INC.

1055 East Colorado Boulevard 5th Floor Pasadena, CA, 91106, United States

Prepared by

Shenzhen NCT Testing Technology Co., Ltd.

**A101&2F B2, Fuqiao 6th Area, Xintian Community, Fuhai Street, Baoan District,
Shenzhen, People's Republic of China**

TEL: 400-8868-419

1 TEST RESULT CERTIFICATION

Applicant : NETVUE INC.

Address : 1055 East Colorado Boulevard 5th Floor Pasadena, CA, 91106, United States

Manufacturer : NETVUE INC.

Address : 1055 East Colorado Boulevard 5th Floor Pasadena, CA, 91106, United States

Product name : Birdfy Cam BD3A

Model name : NB-CMD02, NB-CMD02-XXXXXX (XXXXXX can be A-Z, 0-9,a-z or blank, indicate different color)

Standards : FCC CFR Title 47 Part 15 Subpart C Section 15.407
ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
KDB 789033 D02 v02r01

Test procedure : ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

Date of test : Jul. 24, 2026 ~ Aug. 31, 2026

Date of Issue : Aug. 31, 2026

This device described above has been tested by NCT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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2 Test Summary

FCC Part15 (15.407) , Subpart E			
Standard Section	Test Item	Judgment	Remark
15.407(b), 15.209	Radiated Spurious Emission	PASS	
15.207	Conducted Emission	PASS	
15.407 (a) 15.407 (e)	99% , 6dB and 26dB Bandwidth	PASS	
15.407 (a)	Maximum Conducted Output Power	PASS	
15.407(b)	Band Edge	PASS	
15.407 (a)	Power Spectral Density	PASS	
15.407(g)	Frequency Stability	PASS	
15.203	Antenna Requirement	PASS	

Remark:

1. "N/A" denotes test is not applicable in this Test Report.

3 TEST FACILITY

Site Description

EMC Lab. : Accredited by CNAS

The Certificate Registration Number is L8251

Designation Number: CN1347

Test Firm Registration Number: 894804

Accredited by A2LA

The Certificate Registration Number is 6837.01

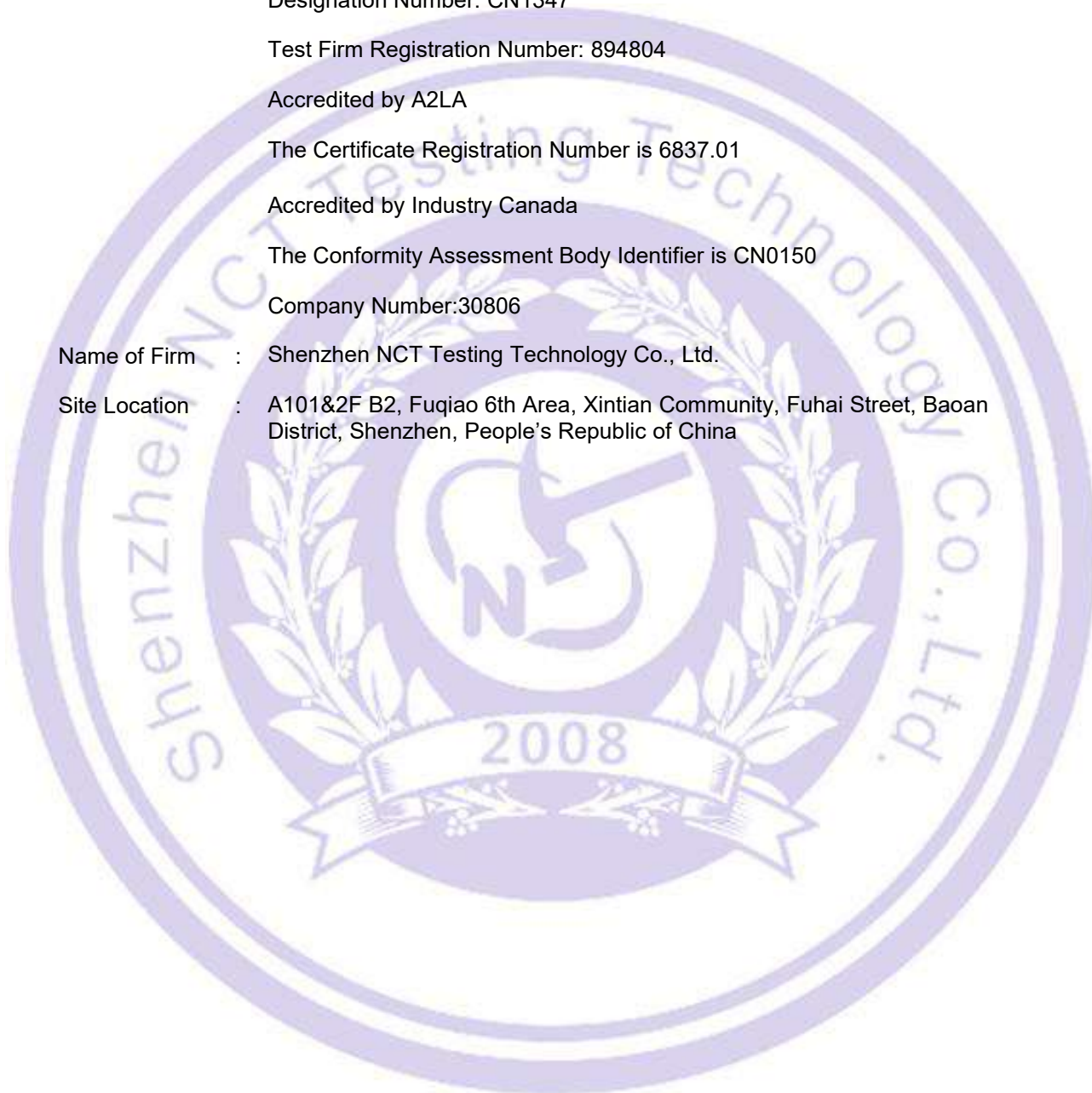
Accredited by Industry Canada

The Conformity Assessment Body Identifier is CN0150

Company Number:30806

Name of Firm : Shenzhen NCT Testing Technology Co., Ltd.

Site Location : A101&2F B2, Fuqiao 6th Area, Xintian Community, Fuhai Street, Baoan District, Shenzhen, People's Republic of China



4 General Information

4.1 General Description of E.U.T.

Product Name	:	Birdfy Cam BD3A
Model No.	:	NB-CMD02
Sample ID	:	NCT260301097X-001
Sample(s) Status	:	Engineer sample
Series model.	:	NB-CMD02-XXXXXX (XXXXXX can be A-Z, 0-9,a-z or blank, indicate different color)
Model Different.	:	All models are the same except for the model name and color.
Operation Frequency	:	UNII-1: 5180MHz~5240MHz UNII-3:5745MHz~5825MHz
Modulation type	:	OFDM with BPSK/QPSK/16QAM/64QAM/256QAM for 802.11a/n/ac OFDMA with BPSK/QPSK/16QAM/64QAM/256QAM for 802.11ax
Antenna Type	:	FPC Antenna
Antenna gain	:	WIFI5.2G: 3.37dBi WIFI5.8G: 0.64dBi
Power supply	:	DC 3.7V or DC 3.6V from battery; Charging input: DC 5V
Battery 1	:	Model Number: 21700P9000 Parameter: 3.7V,9000mAh 33.3Wh Manufacturer: Shenzhen Rongshi Tongda Technology Co., Ltd.
Battery 2	:	Model Number: DHDC 21700-2P Parameter: 3.6V 9000mAh 32.4Wh Manufacturer: Shenzhen Donghui Newcreation Technology Co., Ltd
Support RU	:	☒ Full RU ☐ Partial RU
Hardware Version	:	N/A
Software Version	:	N/A
Remark	:	the Antenna gain is provided by customer from Antenna spec. and the laboratory will not be responsible for the accumulated calculation results which covers the information provided by the applicant.

802.11a/n/ac/ax(20MHz) Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	44	5220	48	5240

802.11n/ac/ax(40MHz) Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230	-	-	-	-

802.11a/n/ac/ax(20 MHz) Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	153	5765	157	5785	161	5805
165	5825	-	-	-	-	-	-

802.11n/ac/ax(40MHz) Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	159	5795	-	-

4.2 Test Setup Configuration

Conducted Emission



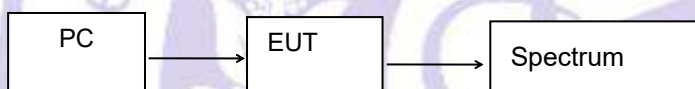
Radiated Emission (30MHz-1GHz)



Radiated Emission(above 1GHz)



Conducted Spurious



4.3 Test conditions

Transmitting mode	Keep the EUT in continuously transmitting mode.
Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.	

Test Software	FMC3262K
Power level setup parameter	42

4.4 Test voltage stability

The EUT was tuned to a low, middle, and high channel for all tests. For all test case pre/scans. were completed in all Modes to determine worst case levels.

Voltage Fluctuation Test		Normal Voltage	High Voltage: Normal Voltage+ 10% of Normal Voltage	Low Voltage: Normal Voltage- 10% of Normal Voltage
Test Voltage(Battery 1)		DC 3.7V	DC 4.07V	DC 3.33V
RF Module Voltage		DC 3.30V	DC 3.303	DC 3.301
Voltage error(%)	Result	Ref.level	0.09	0.03

Voltage Fluctuation Test		Normal Voltage	High Voltage: Normal Voltage+ 10% of Normal Voltage	Low Voltage: Normal Voltage- 10% of Normal Voltage
Test Voltage(Battery 2)		DC 3.6V	DC 3.93V	DC 3.24V
RF Module Voltage		DC 3.30V	DC 3.302	DC 3.301
Voltage error(%)	Result	Ref.level	0.06	0.03

Note:

Voltage Variation (%)

= (Output high or Low Voltage - Output Normal Voltage)/ Output Normal Voltage* 100

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/-1%. Exempt extremely high and low supply voltage condition test, EUT only operated in normal voltage to test all regulations.

Remark: When battery 1 and battery 2 were supplying power independently, the voltage of the module remained stable and the voltage fluctuations were negligible. Under this condition, we measured the power supplied by the two batteries and selected the battery with the higher power to test the RF data.

5 Equipment During Test

5.1 Equipments List

Radiated emission & Radio Frequency Test Equipment

Name	ModelNo.	SerialNo.	Manufacturer	DateofCal.	DueDate	Equipment State
966 Shielded Room	966 Room	/	EMToni	2025/1/17	2028/1/16	Normal
EMI Test Receiver	ESCI	100725	Rohde & Schwarz	2026/6/05	2027/6/04	Normal
Spectrum Analyze (10Hz-26.5GHz)	N9020A	MY50510202	Agilent	2026/6/05	2027/6/04	Normal
Amplifi (30MHz-1GHz)	BBV 9743 B	00374	SCHWARZBECK	2026/6/05	2027/6/04	Normal
Bilog Antenna (30MHz-1GHz)	VULB9162	00473	SCHWARZBECK	2026/3/07	2027/3/06	Normal
Horn antenna (1GHz-18GHz)	BBHA 9120 D	02622	SCHWARZBECK	2026/3/07	2027/3/06	Normal
Pream plifier (1GHz-18GHz)	BBV 9718D	00042	SCHWARZBECK	2026/6/05	2027/6/04	Normal
Spectrum Analyze (1GHz-40GHz)	FSV 40	100952	Rohde & Schwarz	2026/6/05	2027/6/04	Normal
Pream plifier (18GHz-40GHz)	BBV 9721	0056	SCHWARZBECK	2026/6/05	2027/6/04	Normal
Broadband Antenna (15GHz-40GHz)	SAS-574	588	A.H.System	2026/3/07	2027/3/06	Normal
Loop Antenna (9KHz-30MHz)	FMZB 1513-60	00074	SCHWARZBECK	2026/6/09	2027/6/08	Normal
Capacitive voltage probe	CVP 9222 C	00109	SCHWARZBECK	2026/6/10	2027/6/09	Normal
MXG Signal Analyzer	N9020A	MY50510202	Agilent	2026/6/05	2027/6/04	Normal
MXG Vector Signal Generator	N5182A	MY50140020	Agilent	2026/6/05	2027/6/04	Normal
MXG Analog Signal Generator	N5181A	MY47420919	Agilent	2026/6/05	2027/6/04	Normal
Power Sensor	TR1029-2	512364	Techoy	2026/6/05	2027/6/04	Normal
RF Switch	TR1029-1	512364	Techoy	2026/6/05	2027/6/04	Normal
Cable	DA800-4000MM	NA	DA	2026/6/05	2027/6/04	Normal
Cable	DA800-11000MM	NA	DA	2026/6/05	2027/6/04	Normal

Conducted emission Test Equipment

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date	Equipment State
944 Shielded Room	944 Room	/	EMToni	2025/1/17	2028/1/16	Normal
EMI Test Receiver	ESPI	101604	Rohde & Schwarz	2026/6/05	2027/6/04	Normal
LISN	ENV 216	102796	Rohde & Schwarz	2026/6/05	2027/6/04	Normal
LISN	VN1-13S	004023	CRANAGE	2026/6/05	2027/6/04	Normal
Cable	RG223-1500MM	NA	RG	2026/6/05	2027/6/04	Normal

Other

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ-EMC	Ver.EMC-CON 3A1.1+
2	EMC radiation test system	FALA	EZ-EMC	Ver.FA-03A2 RE+
3	RF test system	TACHOY	RFTest	V1.0.0
4	RF communication test system	TACHOY	RFTest	V1.0.0

5.2 Measurement Uncertainty

Parameter	Uncertainty
RF output power, conducted	±1.0dB
Power Spectral Density, conducted	±2.2dB
Radio Frequency	± 1 x 10 ⁻⁶
Bandwidth	± 1.5 x 10 ⁻⁶
Time	±2%
Duty Cycle	±2%
Temperature	±1°C
Humidity	±5%
DC and low frequency voltages	±3%
Conducted Emissions (150kHz~30MHz)	±3.24dB
Radiated Emission(9KHz~30MHz)	±4.51dB
Radiated Emission(30MHz~1GHz)	±5.03dB
Radiated Emission(1GHz~25GHz)	±4.74dB
Radiated Emission(25GHz~40GHz)	±3.38dB
Remark: The coverage Factor (k=2), and measurement Uncertainty for a level of Confidence of 95%	

5.3 Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	Birdfy Cam BD3A	N/A	NB-CMD02	N/A	EUT
E-2	AC/DC Adapter	TIANYIN	TPA-418G0502000UU01	B98787L5E00423	Auxiliary
E-3	USB extension cable	SAMZHE	SZUSB-015	N/A	Auxiliary
E-4	serial port	N/A	USB to TTL	N/A	Auxiliary

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.

6 Conducted Emission

Test Requirement:	: FCC CFR 47 Part 15 Section 15.207
Test Method:	: ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
Test Result:	: PASS
Frequency Range:	: 150kHz to 30MHz
Class/Severity:	: Class B
Detector:	: Peak for pre-scan (9kHz Resolution Bandwidth)

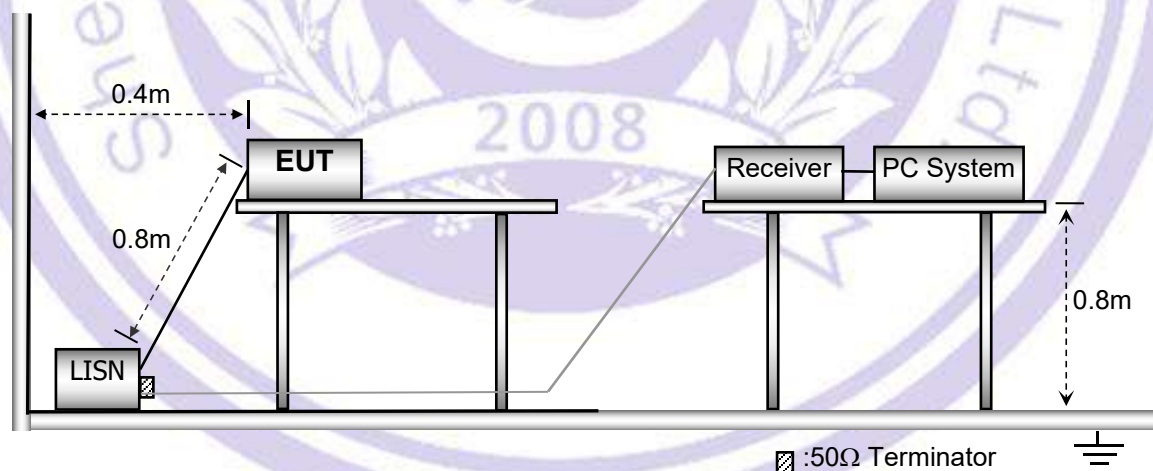
6.1 E.U.T. Operation

Operating Environment :

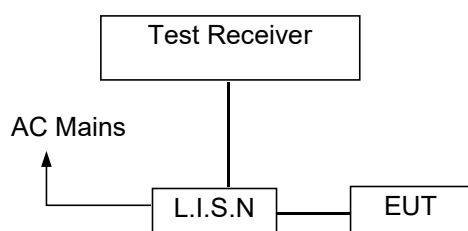
Temperature:	: 26°C
Humidity:	: 54 % RH
Atmospheric Pressure:	: 101 kPa
Test Voltage	: AC 120V/60Hz

6.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024



6.3 Test SET-UP (Block Diagram of Configuration)



6.4 Measurement Procedure:

1. The EUT was placed on a table, which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured was complete.

6.5 Conducted Emission Limit

Conducted Emission

Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note:

1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

6.6 Measurement Description

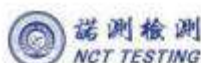
The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

6.7 Conducted Emission Test Result

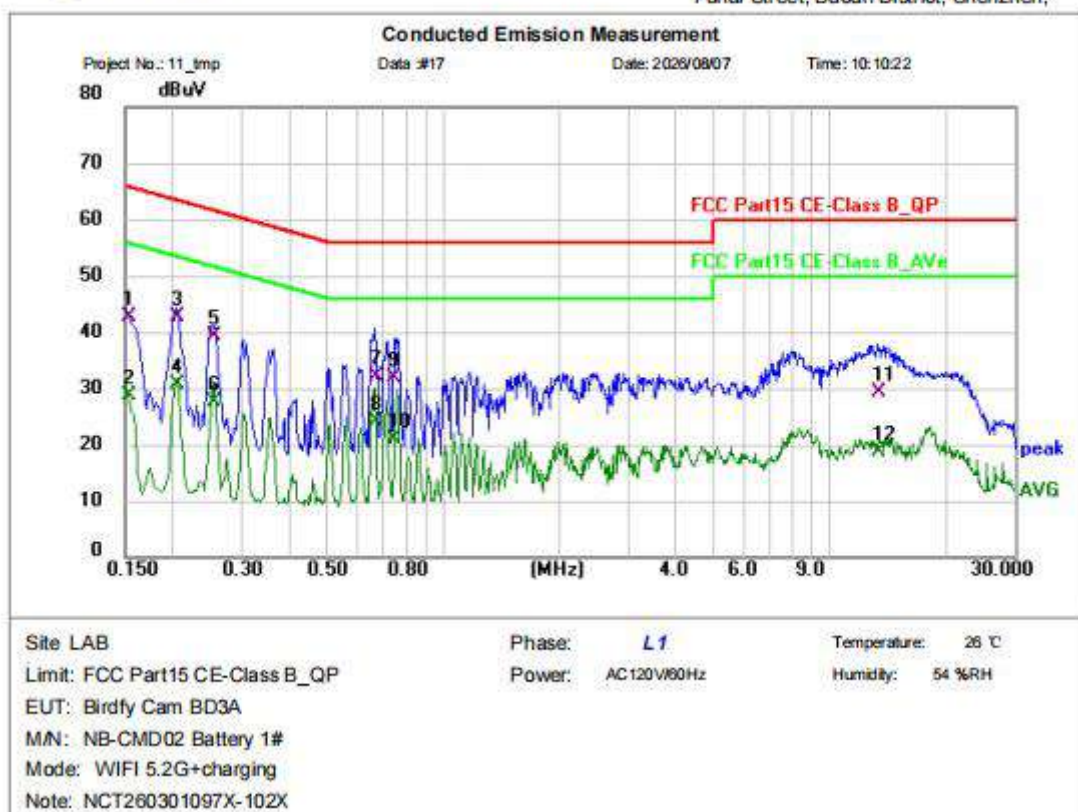
Pass.

All the modulation modes were tested the data of the worst mode (802.11a,5240MHz) are recorded in the following pages and the others modulation methods do not exceed the limits.

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage :	AC 120V/60Hz	Remark:	(Battery 1)

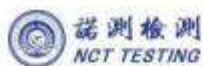


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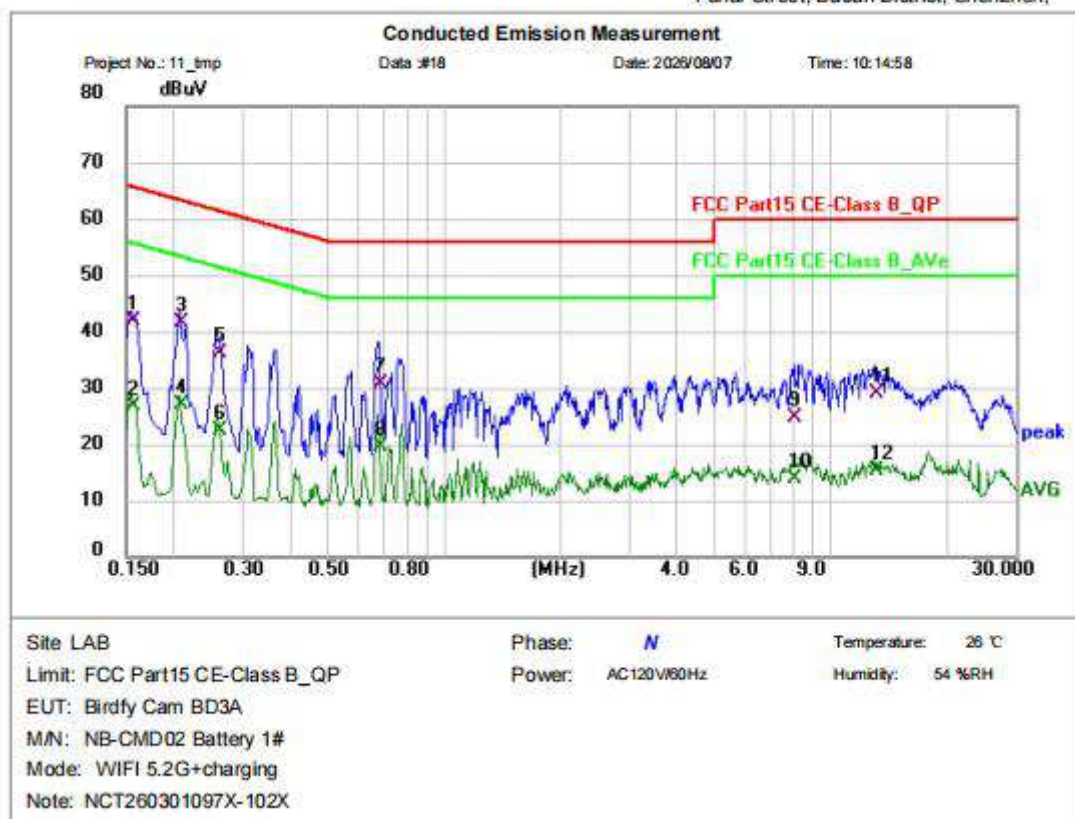


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1535	22.98	19.70	42.68	65.81	-23.13	QP
2	0.1535	9.11	19.70	28.81	55.81	-27.00	AVG
3 *	0.2048	22.79	19.94	42.73	63.41	-20.68	QP
4	0.2048	10.72	19.94	30.66	53.41	-22.75	AVG
5	0.2539	19.28	19.97	39.25	61.63	-22.38	QP
6	0.2539	7.70	19.97	27.67	51.63	-23.96	AVG
7	0.6688	12.07	20.05	32.12	56.00	-23.88	QP
8	0.6688	4.20	20.05	24.25	46.00	-21.75	AVG
9	0.7502	11.85	20.05	31.90	56.00	-24.10	QP
10	0.7502	0.95	20.05	21.00	46.00	-25.00	AVG
11	13.3060	9.24	20.04	29.28	60.00	-30.72	QP
12	13.3060	-1.20	20.04	18.84	50.00	-31.16	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Remark:	(Battery 1)



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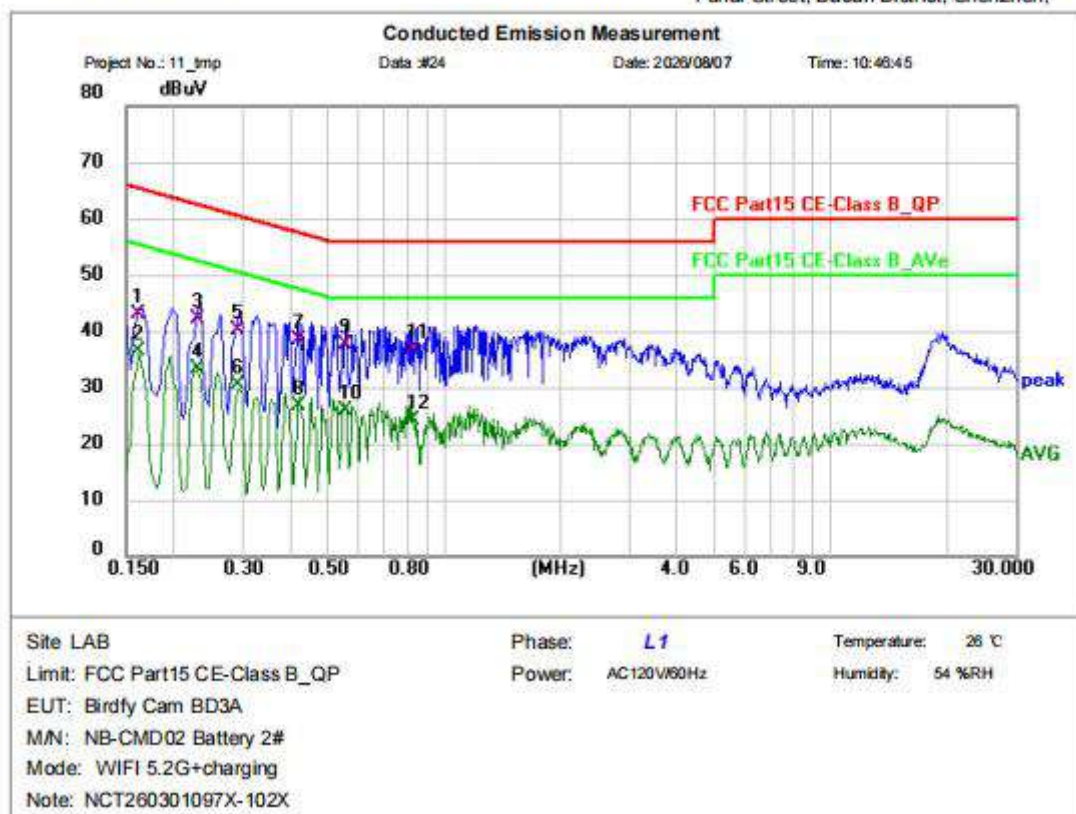
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1565	22.27	19.69	41.96	65.85	-23.89	QP
2	0.1565	6.90	19.69	26.59	55.85	-29.26	AVG
3 *	0.2084	21.78	19.91	41.69	63.27	-21.58	QP
4	0.2084	7.23	19.91	27.14	53.27	-26.13	AVG
5	0.2618	16.25	19.89	36.14	61.37	-25.23	QP
6	0.2618	2.52	19.89	22.41	51.37	-28.96	AVG
7	0.6809	10.61	19.99	30.60	56.00	-25.40	QP
8	0.6809	-0.52	19.99	19.47	46.00	-26.53	AVG
9	8.0618	4.88	19.95	24.83	60.00	-35.17	QP
10	8.0618	-5.98	19.95	13.97	50.00	-36.03	AVG
11	13.0061	9.01	20.00	29.01	60.00	-30.99	QP
12	13.0061	-4.61	20.00	15.39	50.00	-34.61	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	L
Test Voltage :	AC 120V/60Hz	Remark:	(Battery 2)



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NCT TESTING

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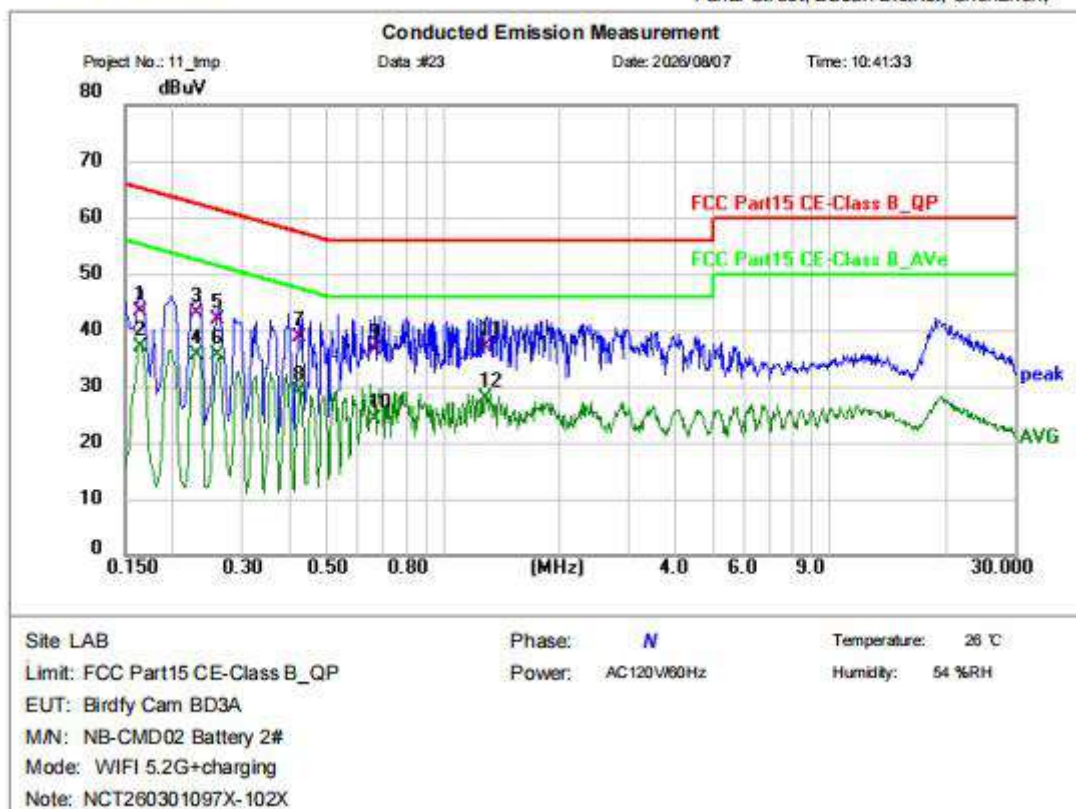


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1613	23.12	19.75	42.87	65.40	-22.53	QP
2	0.1613	16.61	19.75	36.36	55.40	-19.04	AVG
3	0.2295	22.23	19.96	42.19	62.47	-20.28	QP
4	0.2295	13.37	19.96	33.33	52.47	-19.14	AVG
5	0.2915	20.29	19.97	40.26	60.48	-20.22	QP
6	0.2915	10.35	19.97	30.32	50.48	-20.16	AVG
7	0.4202	18.40	20.00	38.40	57.44	-19.04	QP
8	0.4202	6.77	20.00	26.77	47.44	-20.67	AVG
9 *	0.5542	17.67	19.98	37.65	56.00	-18.35	QP
10	0.5542	5.84	19.98	25.82	46.00	-20.18	AVG
11	0.8288	16.68	20.01	36.69	56.00	-19.31	QP
12	0.8288	4.09	20.01	24.10	46.00	-21.90	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	1010hPa	Phase :	N
Test Voltage :	AC 120V/60Hz	Remark:	(Battery 2)



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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1638	23.65	19.73	43.38	65.27	-21.89	QP
2	0.1638	17.26	19.73	36.99	55.27	-18.28	AVG
3	0.2307	23.01	19.90	42.91	62.42	-19.51	QP
4	0.2307	15.62	19.90	35.52	52.42	-16.90	AVG
5	0.2612	21.90	19.90	41.80	61.39	-19.59	QP
6 *	0.2612	15.54	19.90	35.44	51.39	-15.95	AVG
7	0.4219	18.75	19.94	38.69	57.41	-18.72	QP
8	0.4219	9.19	19.94	29.13	47.41	-18.28	AVG
9	0.6621	16.31	19.99	36.30	56.00	-19.70	QP
10	0.6621	4.29	19.99	24.28	46.00	-21.72	AVG
11	1.2808	17.21	19.89	37.10	56.00	-18.90	QP
12	1.2808	7.92	19.89	27.81	46.00	-18.19	AVG

Remark:

Margin = Limit – Level, Correct Factor = Cable lose + LISN insertion loss, Level= Reading + Correct factor

7 Radiated Spurious Emissions

Test Requirement : FCC CFR47 Part 15 Section 15.209 & 15.407
 RSS-Gen §8.9, RSS-Gen §8.10

Test Method : ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

Test Result : PASS

Measurement Distance : 3m

Limit : See the follow table

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Dist	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	$2400/F(\text{kHz})$	300	$10000 * 2400/F(\text{kHz})$	$20\log^{(2400/F(\text{kHz}))} + 80$
0.490 ~ 1.705	$24000/F(\text{kHz})$	30	$100 * 24000/F(\text{kHz})$	$20\log^{(24000/F(\text{kHz}))} + 40$
1.705 ~ 30	30	30	$100 * 30$	$20\log^{(30)} + 40$
30 ~ 88	100	3	100	$20\log^{(100)}$
88 ~ 216	150	3	150	$20\log^{(150)}$
216 ~ 960	200	3	200	$20\log^{(200)}$
Above 960	500	3	500	$20\log^{(500)}$

7.1 EUT Operation

Operating Environment :

Temperature : 26 °C

Humidity : 54% RH

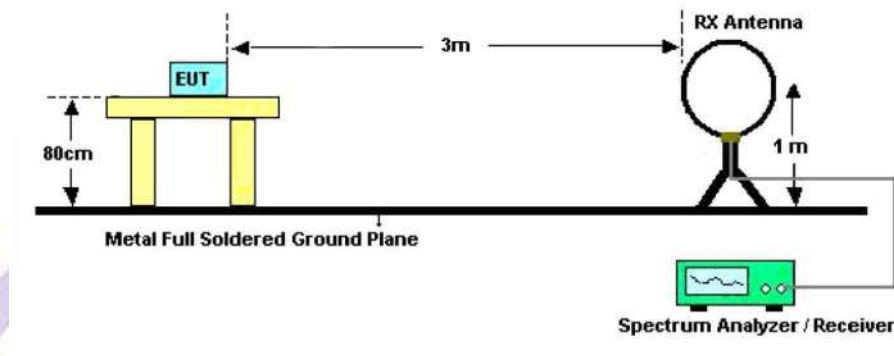
Atmospheric Pressure : 101kPa

Test Voltage : AC 120V60Hz

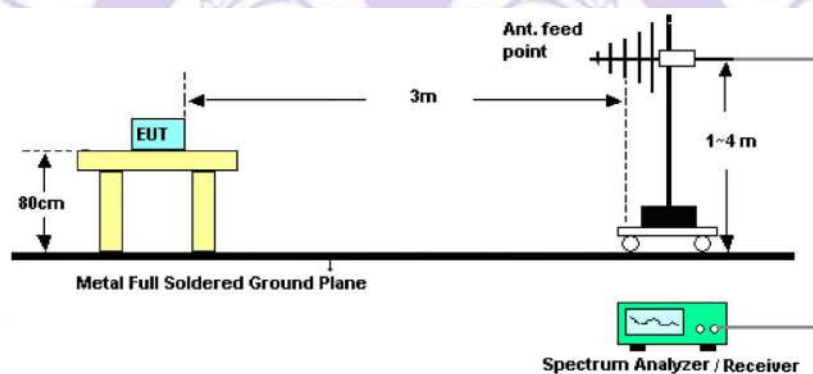
7.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site

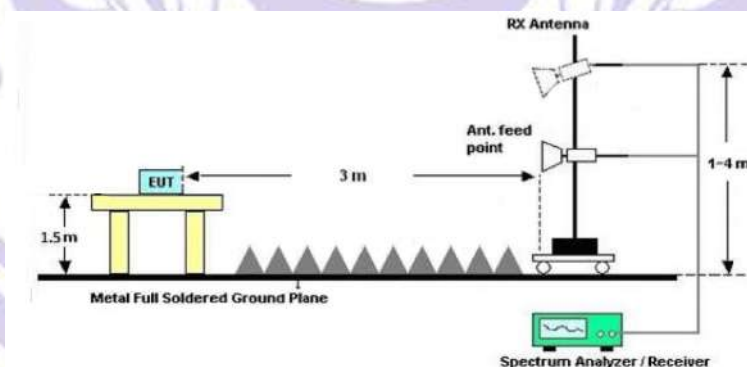
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz.



7.3 Spectrum Analyzer Setup

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

7.4 Test Procedure

1. The testing follows the guidelines in Spurious Radiated Emissions of ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024.
2. Below 1000MHz, The EUT was placed on a turn table which is 0.8m above ground plane. And above 1000MHz, The EUT was placed on a styrofoam table which is 1.5m above ground plane.
3. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (From 1m to 4m) and turntable (from 0 degree to 360 degree) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Final measurement (Above 1GHz): The frequency range will be divided into different sub ranges depending of the frequency range of the used horn antenna. The EMI Receiver set to peak and average mode and a resolution bandwidth of 1MHz. The measurement will be performed in horizontal and vertical polarization of the measuring antenna and while rotating the EUT in its vertical axis in the range of 0 degree to 360 degree in order to have the antenna inside the cone of radiation.
7. Test Procedure of measurement (For Above 1GHz):
 - 1) Monitor the frequency range at horizontal polarization and move the antenna over all sides of the EUT(if necessary move the EUT to another orthogonal axis).
 - 2) Change the antenna polarization and repeat 1) with vertical polarization.
 - 3) Make a hardcopy of the spectrum.
 - 4) Measure the frequency of the detected emissions with a lower span and resolution bandwidth to increase the accuracy and note the frequency value.
 - 5) Change the analyser mode to Clear/ Write and found the cone of emission.
 - 6) Rotate and move the EUT, so that the measuring distance can be enlarged to 3m and the antenna will be still inside the cone of emission.
 - 7) Measure the level of the detected frequency with the correct resolution bandwidth, with the antenna polarization and azimuth and the peak and average detector, which causes the maximum emission.
 - 8) Repeat steps 1) to 7) for the next antenna spot if the EUT is larger than the antenna beamwidth.
7. The radiation measurements are tested under 3-axes(X,Y,Z) position(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand), After pre-test, It was found that the worse radiation emission was get at the X position. So the data shown was the X position only.

7.5 Summary of Test Results

Test Frequency: 9KHz-30MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level (dBuV/m)	Limit 3m (dBuV/m)	Over (dB)
--	--	--	--	>20

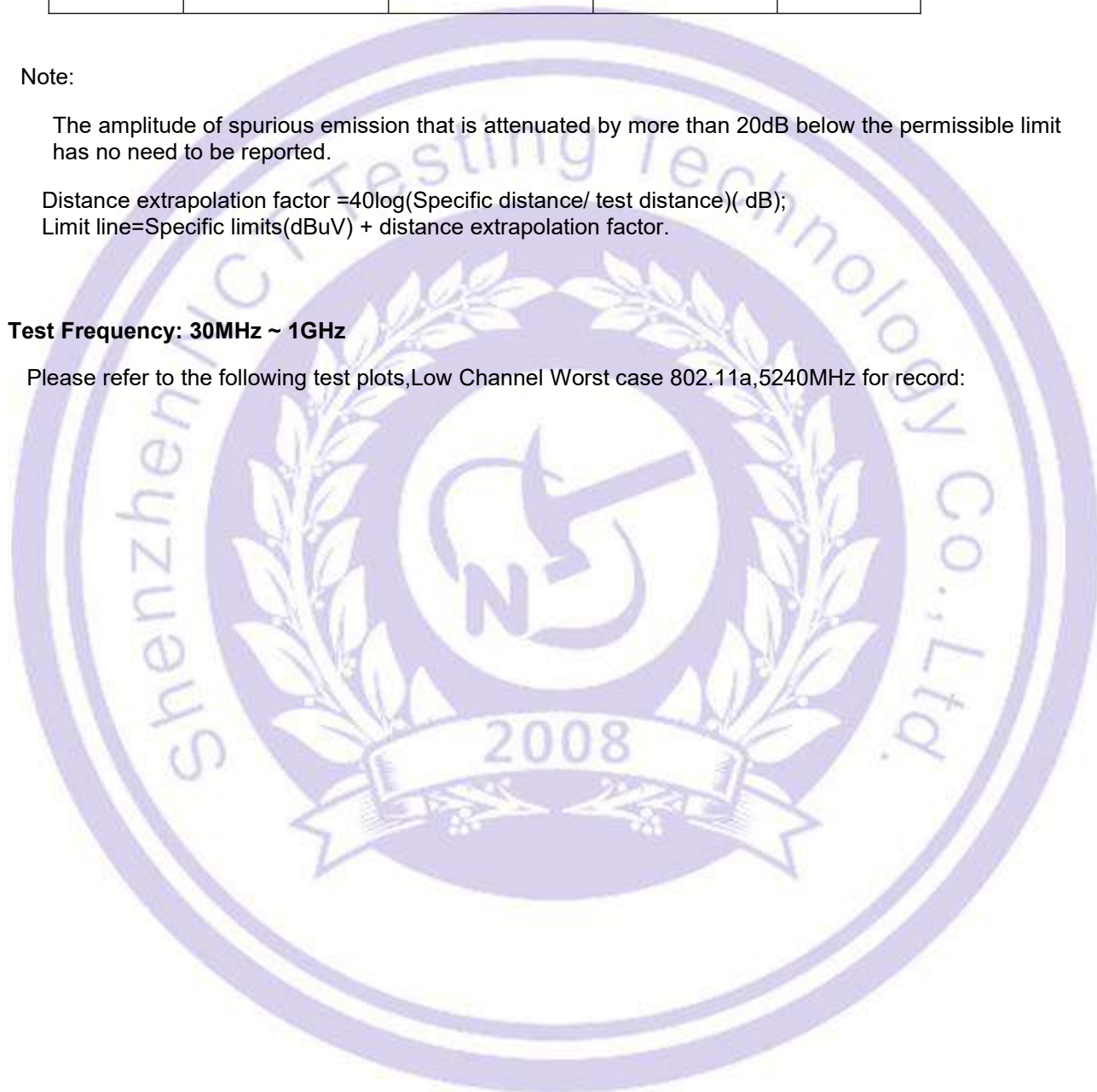
Note:

The amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

Distance extrapolation factor = $40\log(\text{Specific distance} / \text{test distance})$ (dB);
Limit line = Specific limits (dBuV) + distance extrapolation factor.

Test Frequency: 30MHz ~ 1GHz

Please refer to the following test plots, Low Channel Worst case 802.11a, 5240MHz for record:



Temperature:	26 C	Relative Humidity:	54%
Pressure:	101 kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V(Battery 1)		

Radiated Emission Measurement

Site LAB
 Limit: FCC Part15 RE-Class B_30-1000MHz
 EUT: Birdfy Cam BD3A
 M/N: NB-CMD02 battery 1#
 Mode: WIFI5.2G
 Note:

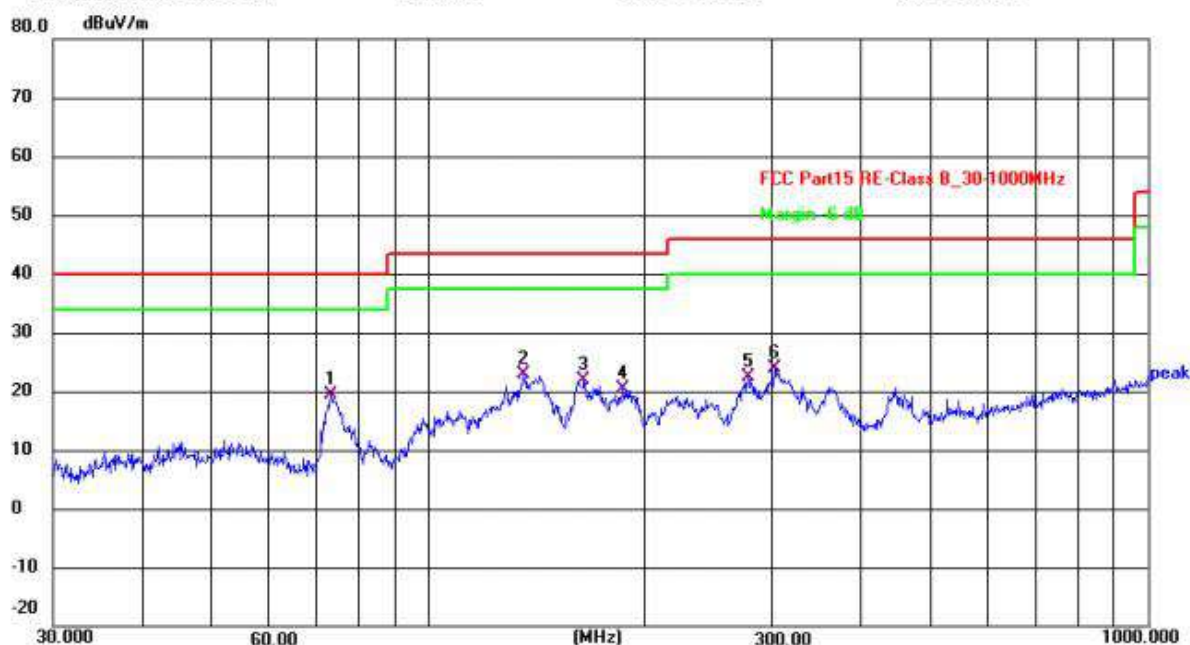
Polarization: **Horizontal**
 Power: DC 3.7V from battery
 Distance: 3M
 Temperature: 26(C)
 Humidity: 54 %

File :NCT260301097X-101X

Data :#63

Date: 2026/08/04

Time: 15:41:43



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	73.1025	38.31	-18.89	19.42	40.00	-20.58	QP
2	135.5061	42.56	-19.63	22.93	43.50	-20.57	QP
3	164.3301	40.95	-19.04	21.91	43.50	-21.59	QP
4	186.4407	37.88	-17.46	20.42	43.50	-23.08	QP
5	278.0668	36.80	-14.36	22.44	46.00	-23.56	QP
6	302.4811	37.67	-13.73	23.94	46.00	-22.06	QP

Remark:Emission Level=Reading+Cable Loss+ANT Factor-AMP Factor

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101 kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V(Battery 1)		

Radiated Emission Measurement

Site: LAB
 Limit: FCC Part15 RE-Class B_30-1000MHz
 EUT: Birdfy Cam BD3A
 M/N: NB-CMD02 battery 1#
 Mode: WIFI5.2G
 Note:

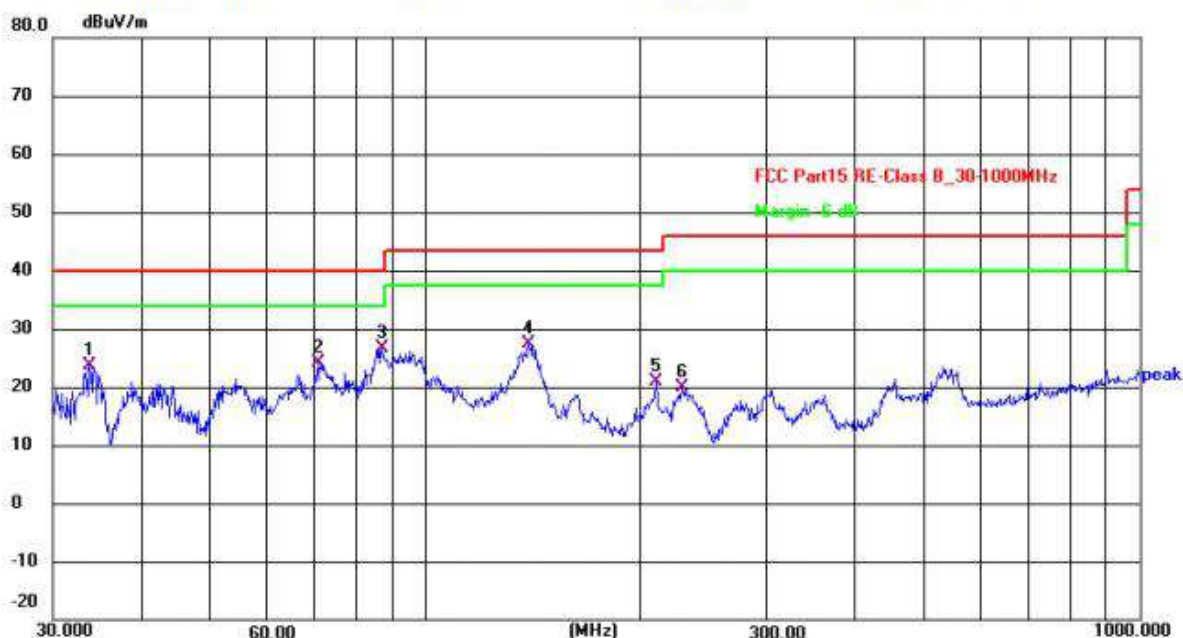
Polarization: **Vertical**
 Power: DC 3.7V from battery
 Distance: 3M
 Temperature: 26(C)
 Humidity: 54 %

File :NCT260301097X-101X

Data :#62

Date: 2026/08/04

Time: 15:39:26



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	33.7986	40.24	-16.63	23.61	40.00	-16.39	QP
2	70.8315	42.47	-18.41	24.06	40.00	-15.94	QP
3	86.8067	45.76	-19.17	26.59	40.00	-13.41	QP
4	139.3611	47.07	-19.81	27.26	43.50	-16.24	QP
5	210.0481	37.34	-16.40	20.94	43.50	-22.56	QP
6	228.4904	35.58	-15.76	19.82	46.00	-26.18	QP

Remark: Emission Level = Reading + Cable Loss + ANT Factor - AMP Factor

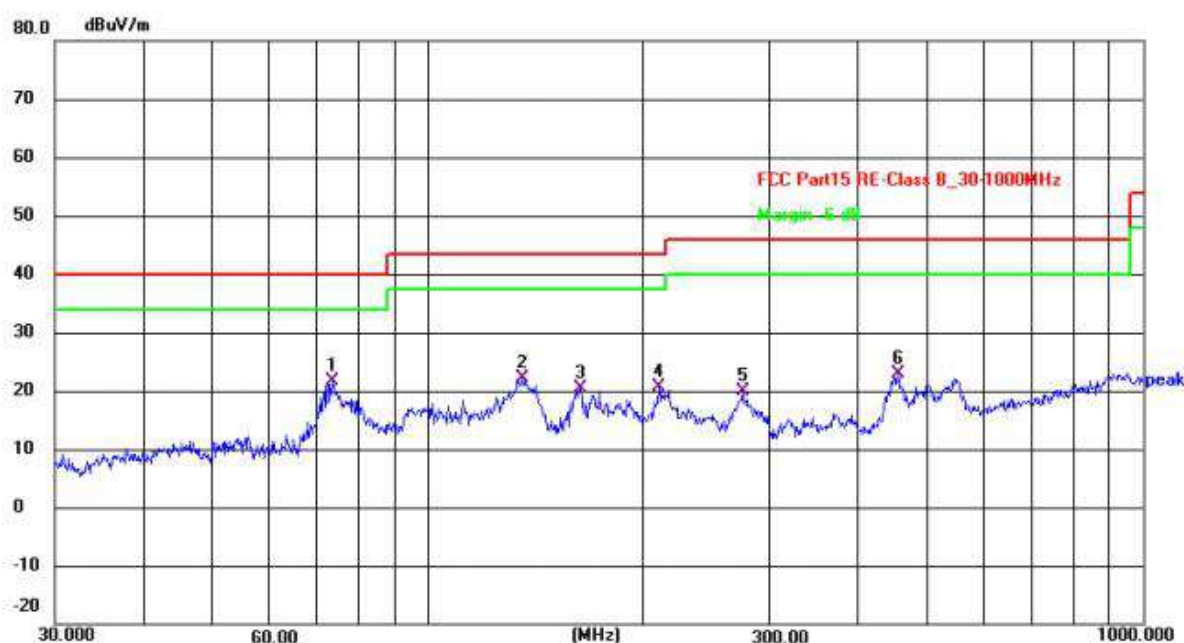
Temperature:	26 C	Relative Humidity:	54%
Pressure:	101 kPa	Polarization:	Horizontal
Test Voltage:	DC 3.6V(Battery 2)		

Radiated Emission Measurement

Site LAB
 Limit: FCC Part15 RE-Class B_30-1000MHz
 EUT: Birdfy Cam BD3A
 M/N: NB-CMD02 battery 2#
 Mode: WIFI5.2G
 Note:

Polarization: **Horizontal**
 Power: DC 3.6V from battery
 Distance:3M
 Temperature: 26(C)
 Humidity: 54 %

File :NCT260301097X-101X Data :#68 Date: 2026/08/04 Time: 15:52:26



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	73.3593	40.49	-18.95	21.54	40.00	-18.46	QP
2	135.5061	41.72	-19.63	22.09	43.50	-21.41	QP
3	163.1817	39.47	-19.03	20.44	43.50	-23.06	QP
4	210.0481	37.04	-16.40	20.64	43.50	-22.86	QP
5	275.1570	34.30	-14.50	19.80	46.00	-26.20	QP
6	454.3100	33.29	-10.50	22.79	46.00	-23.21	QP

Remark:Emission Level=Reading+Cable Loss+ANT Factor-AMP Factor

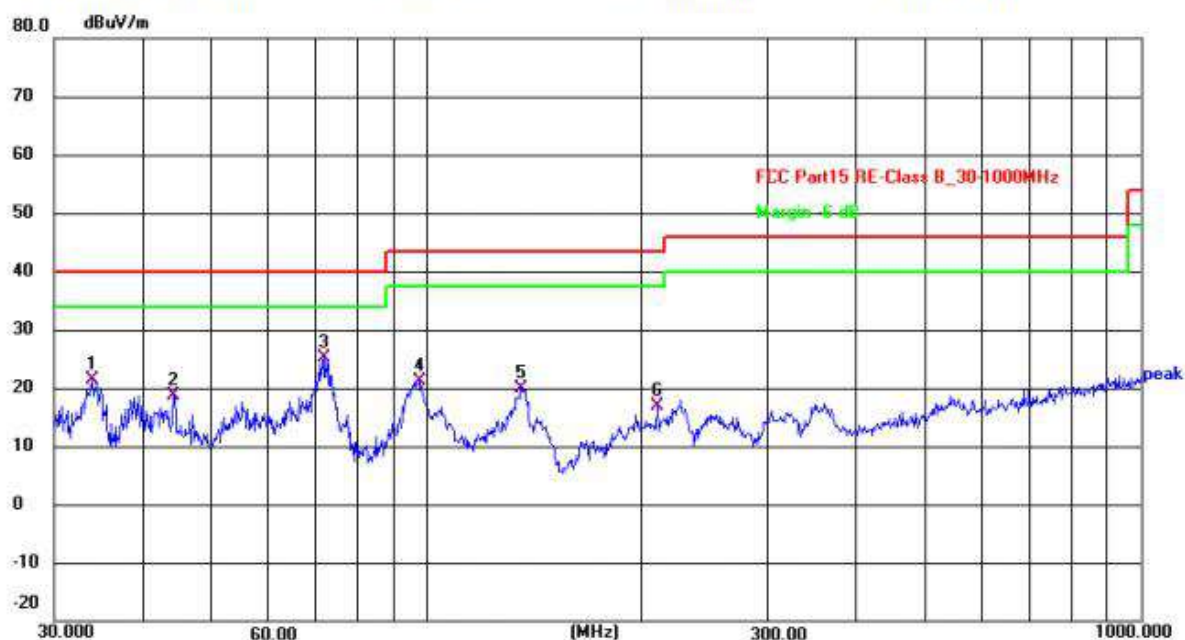
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101 kPa	Polarization:	Vertical
Test Voltage:	DC 3.6V(Battery 2)		

Radiated Emission Measurement

Site: LAB
 Limit: FCC Part15 RE-Class B_30-1000MHz
 EUT: Birdfy Cam BD3A
 M/N: NB-CMD02 battery 2#
 Mode: WIFI5.2G
 Note:

Polarization: **Vertical**
 Power: DC 3.6V from battery
 Distance: 3M
 Temperature: 26(C)
 Humidity: 54 %

File: NCT260301097X-101X Data: #69 Date: 2026/08/04 Time: 15:54:44

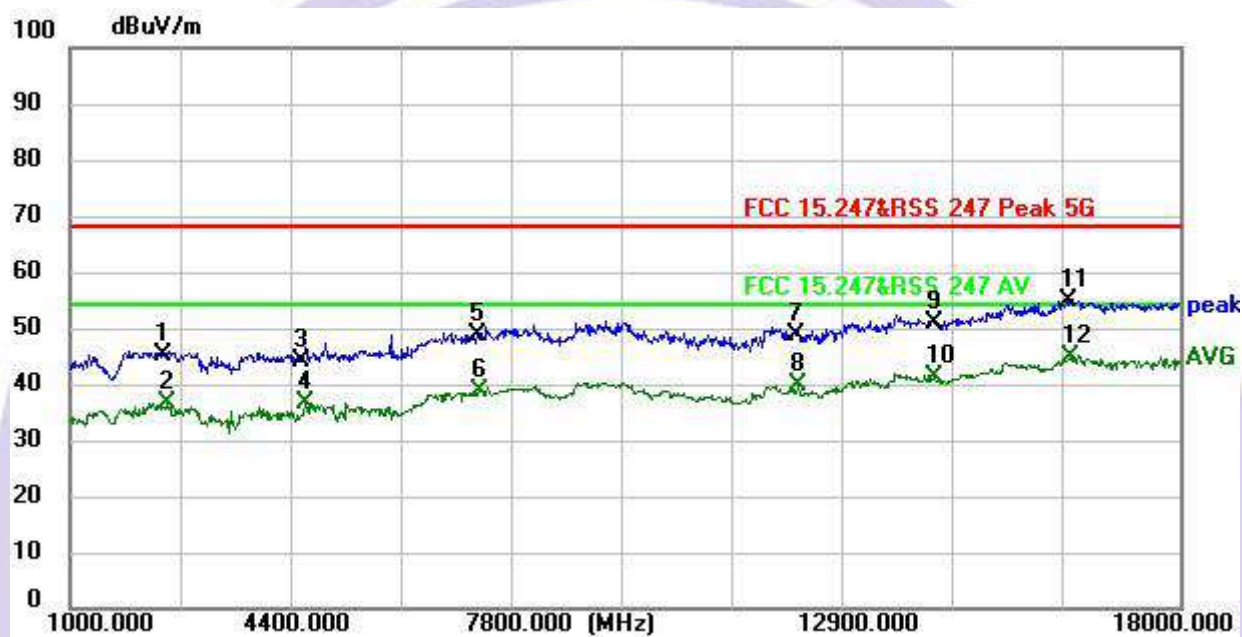


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	33.9173	37.90	-16.63	21.27	40.00	-18.73	QP
2	44.1202	33.20	-14.49	18.71	40.00	-21.29	QP
3	71.8320	43.75	-18.62	25.13	40.00	-14.87	QP
4	97.4560	38.11	-16.91	21.20	43.50	-22.30	QP
5	135.5061	39.61	-19.63	19.98	43.50	-23.52	QP
6	210.0481	33.16	-16.40	16.76	43.50	-26.74	QP

Remark: Emission Level = Reading + Cable Loss + ANT Factor - AMP Factor

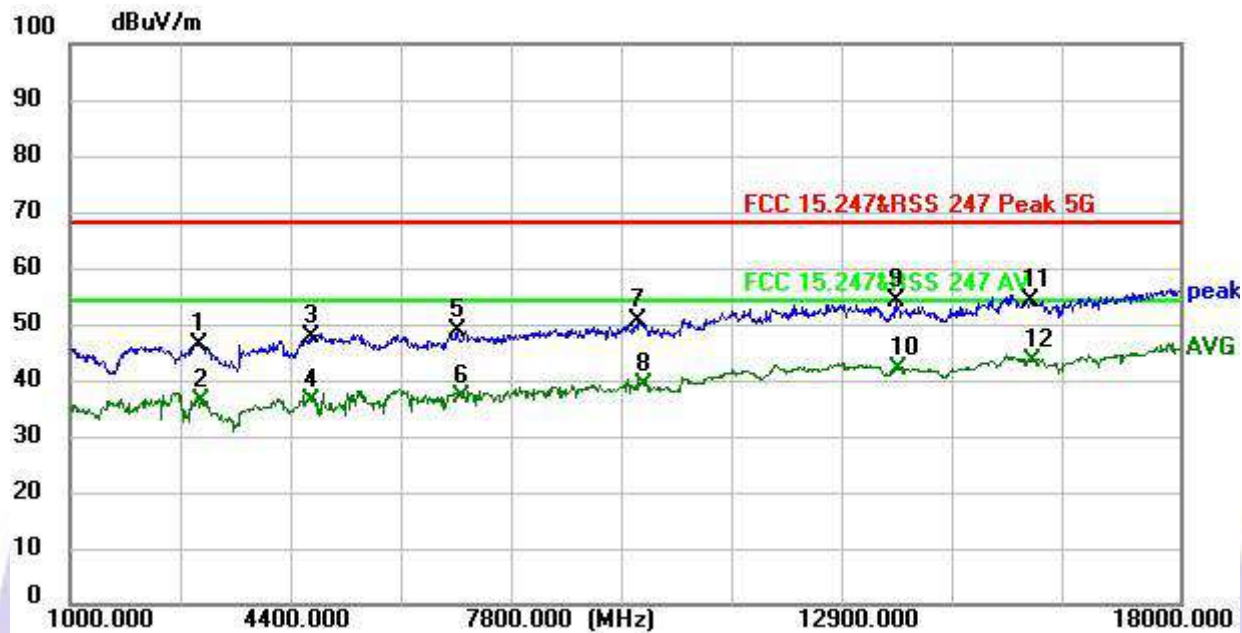
Test Frequency 1GHz-18GHz

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5180Mhz)



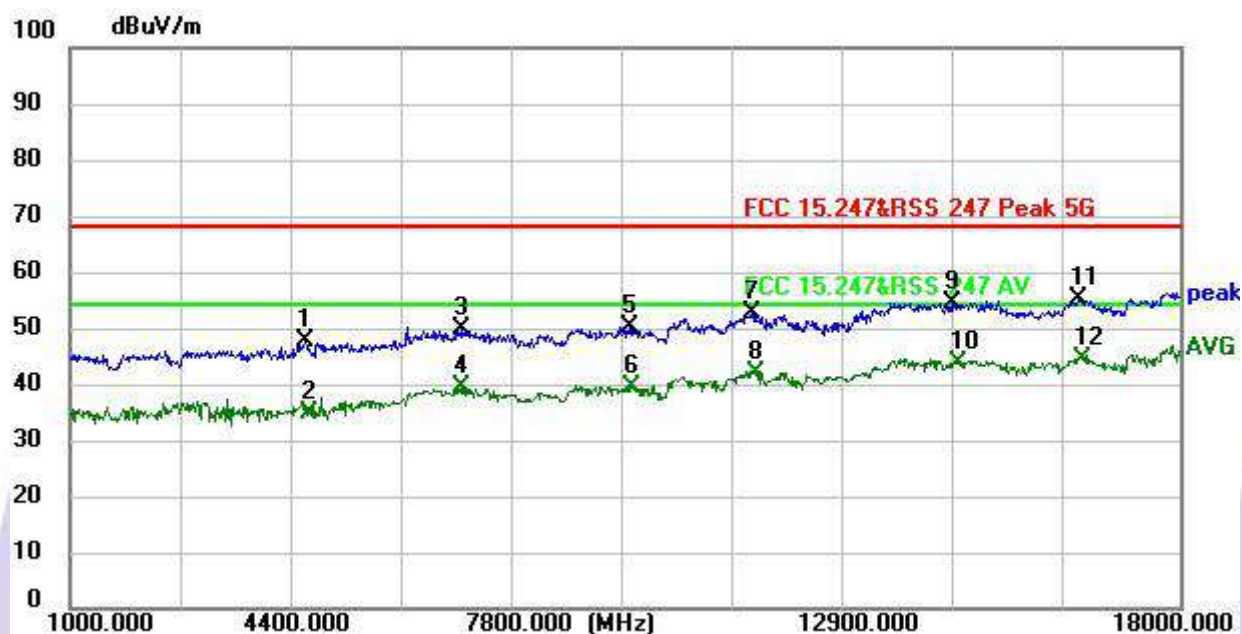
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2428.0000	48.11	-2.89	45.22	68.20	-22.98	peak
2	2496.0000	38.96	-2.53	36.43	54.00	-17.57	AVG
3	4553.0000	40.08	4.12	44.20	68.20	-24.00	peak
4	4604.0000	32.06	4.37	36.43	54.00	-17.57	AVG
5	7256.0000	36.72	11.90	48.62	68.20	-19.58	peak
6	7290.0000	26.93	11.77	38.70	54.00	-15.30	AVG
7	12135.0000	31.33	17.29	48.62	68.20	-19.58	peak
8	12169.0000	22.36	17.40	39.76	54.00	-14.24	AVG
9	14226.0000	31.76	19.03	50.79	68.20	-17.41	peak
10	14243.0000	22.40	19.02	41.42	54.00	-12.58	AVG
11	16300.0000	37.12	17.63	54.75	68.20	-13.45	peak
12 *	16317.0000	27.00	17.68	44.68	54.00	-9.32	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5180Mhz)



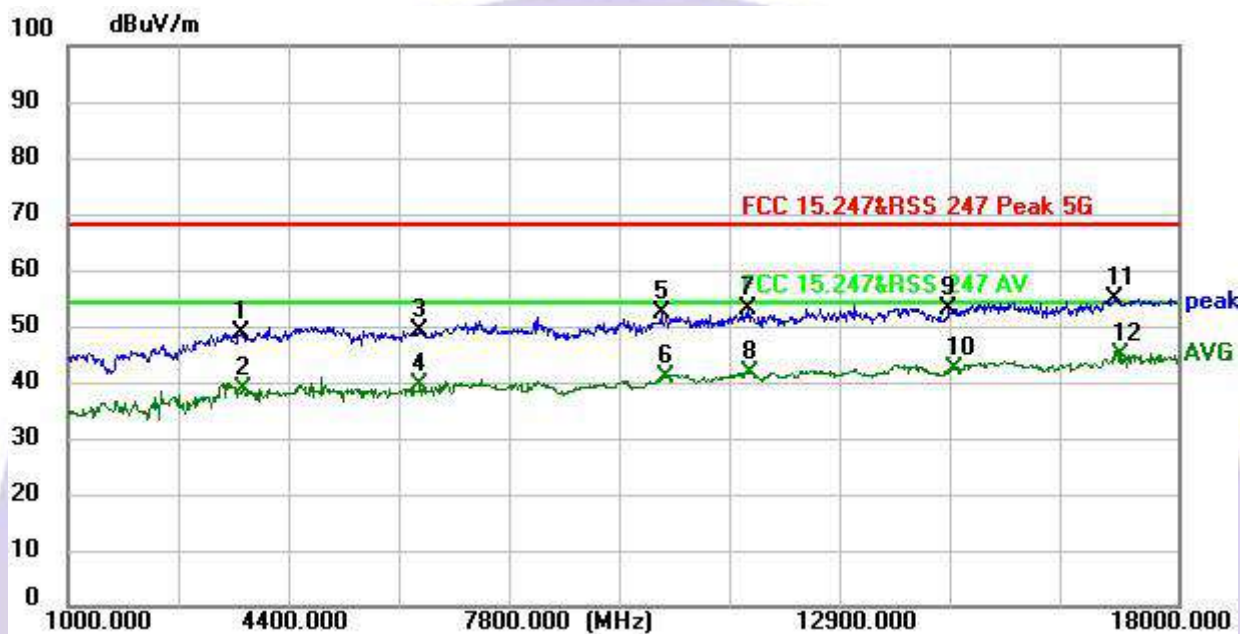
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2972.0000	46.80	-0.41	46.39	68.20	-21.81	peak
2	3006.0000	36.60	-0.36	36.24	54.00	-17.76	AVG
3	4706.0000	43.03	4.56	47.59	68.20	-20.61	peak
4	4706.0000	31.78	4.56	36.34	54.00	-17.66	AVG
5	6933.0000	37.64	11.06	48.70	68.20	-19.50	peak
6	7001.0000	25.86	11.27	37.13	54.00	-16.87	AVG
7	9704.0000	36.60	13.83	50.43	68.20	-17.77	peak
8	9806.0000	25.29	13.75	39.04	54.00	-14.96	AVG
9	13648.0000	34.85	19.20	54.05	68.20	-14.15	peak
10	13699.0000	22.81	19.22	42.03	54.00	-11.97	AVG
11	15705.0000	36.74	17.50	54.24	68.20	-13.96	peak
12 *	15739.0000	26.13	17.43	43.56	54.00	-10.44	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5200Mhz)



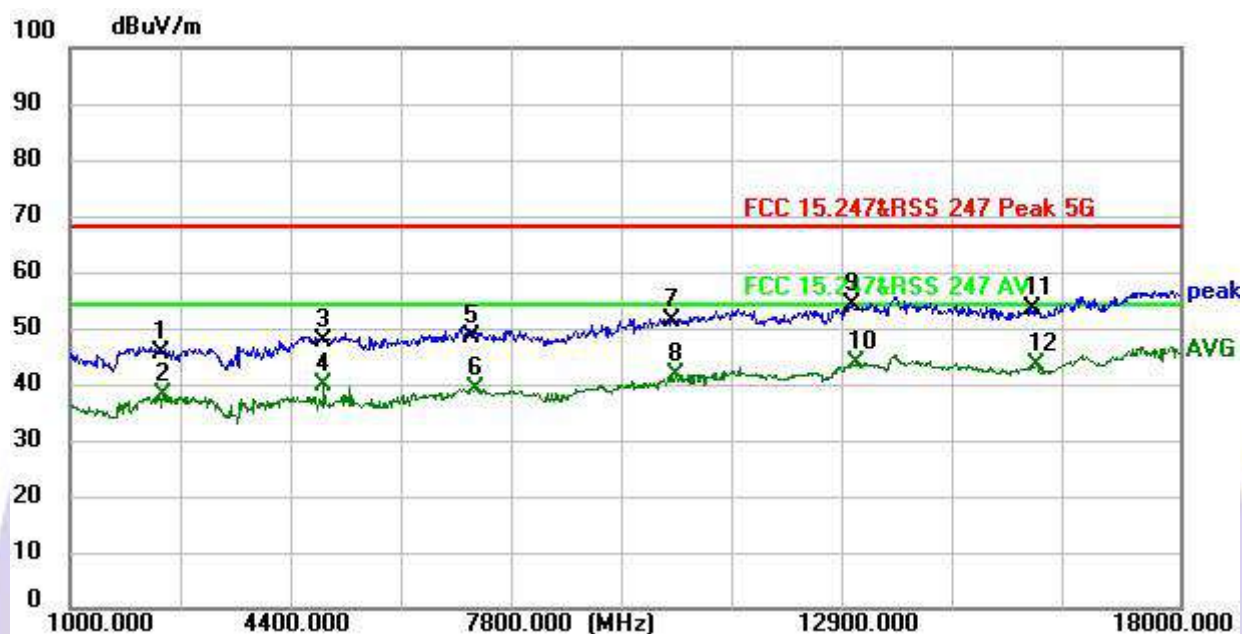
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	4604.0000	43.23	4.37	47.60	68.20	-20.60	peak
2	4672.0000	30.48	4.52	35.00	54.00	-19.00	AVG
3	6984.0000	38.55	11.22	49.77	68.20	-18.43	peak
4	7001.0000	28.34	11.27	39.61	54.00	-14.39	AVG
5	9585.0000	36.48	13.85	50.33	68.20	-17.87	peak
6	9619.0000	25.81	13.80	39.61	54.00	-14.39	AVG
7	11455.0000	36.27	16.36	52.63	68.20	-15.57	peak
8	11506.0000	25.67	16.33	42.00	54.00	-12.00	AVG
9	14515.0000	35.67	18.93	54.60	68.20	-13.60	peak
10	14600.0000	25.00	18.88	43.88	54.00	-10.12	AVG
11	16436.0000	37.19	17.96	55.15	68.20	-13.05	peak
12 *	16521.0000	26.48	18.14	44.62	54.00	-9.38	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5200Mhz)



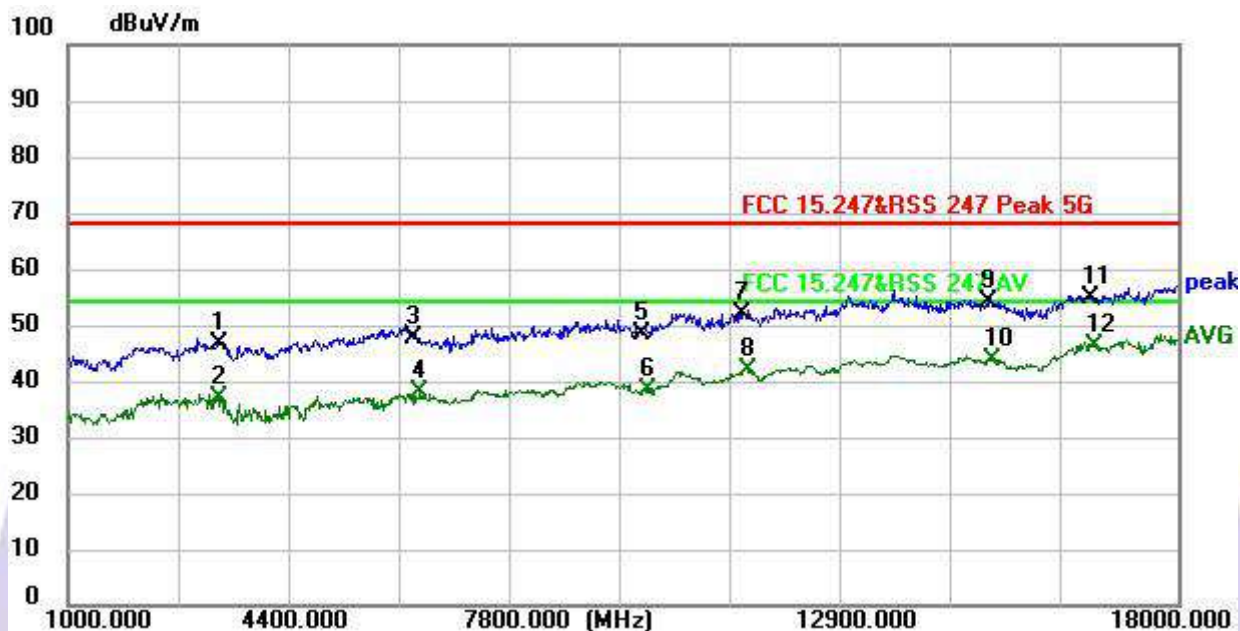
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3652.0000	47.47	1.28	48.75	68.20	-19.45	peak
2	3686.0000	37.22	1.39	38.61	54.00	-15.39	AVG
3	6372.0000	39.81	9.30	49.11	68.20	-19.09	peak
4	6389.0000	30.28	9.27	39.55	54.00	-14.45	AVG
5	10095.0000	38.01	14.44	52.45	68.20	-15.75	peak
6	10146.0000	26.30	14.47	40.77	54.00	-13.23	AVG
7	11404.0000	36.73	16.32	53.05	68.20	-15.15	peak
8	11438.0000	25.12	16.34	41.46	54.00	-12.54	AVG
9	14498.0000	34.27	18.94	53.21	68.20	-14.99	peak
10	14583.0000	23.60	18.89	42.49	54.00	-11.51	AVG
11	17048.0000	35.63	19.09	54.72	68.20	-13.48	peak
12 *	17133.0000	24.94	19.73	44.67	54.00	-9.33	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5240Mhz)



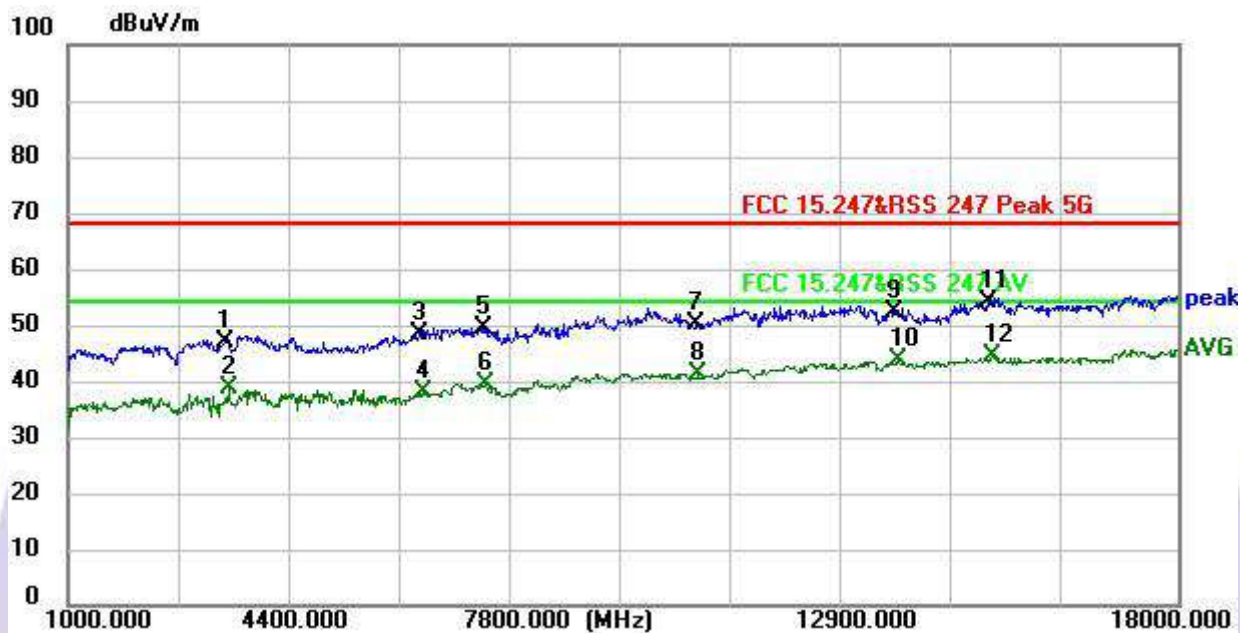
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2394.0000	48.42	-3.05	45.37	68.20	-22.83	peak
2	2428.0000	40.87	-2.89	37.98	54.00	-16.02	AVG
3	4876.0000	42.89	4.81	47.70	68.20	-20.50	peak
4	4893.0000	34.99	4.90	39.89	54.00	-14.11	AVG
5	7154.0000	36.90	11.63	48.53	68.20	-19.67	peak
6	7205.0000	27.34	11.82	39.16	54.00	-14.84	AVG
7	10231.0000	36.59	14.55	51.14	68.20	-17.06	peak
8	10282.0000	27.08	14.62	41.70	54.00	-12.30	AVG
9	12985.0000	34.97	19.19	54.16	68.20	-14.04	peak
10 *	13036.0000	24.43	19.26	43.69	54.00	-10.31	AVG
11	15756.0000	35.89	17.40	53.29	68.20	-14.91	peak
12	15807.0000	25.94	17.30	43.24	54.00	-10.76	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5240Mhz)



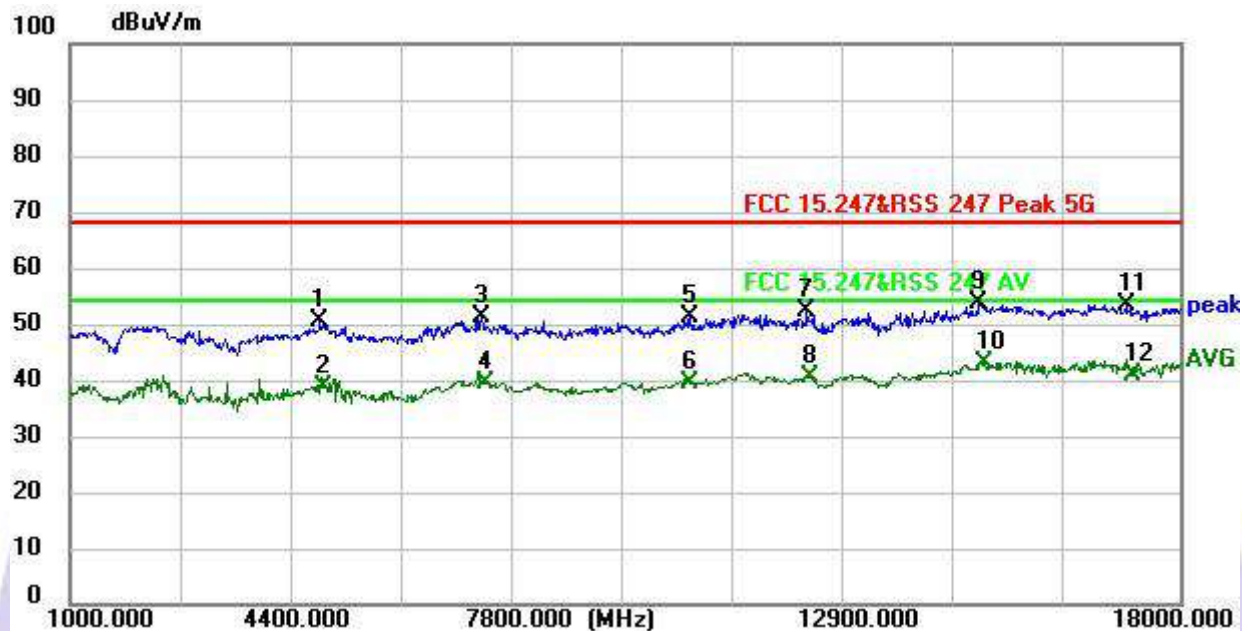
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3312.0000	46.10	0.67	46.77	68.20	-21.43	peak
2	3312.0000	36.33	0.67	37.00	54.00	-17.00	AVG
3	6304.0000	38.61	9.07	47.68	68.20	-20.52	peak
4	6389.0000	28.74	9.27	38.01	54.00	-15.99	AVG
5	9806.0000	34.82	13.75	48.57	68.20	-19.63	peak
6	9874.0000	24.38	13.99	38.37	54.00	-15.63	AVG
7	11336.0000	35.83	16.28	52.11	68.20	-16.09	peak
8	11404.0000	25.52	16.32	41.84	54.00	-12.16	AVG
9	15110.0000	35.08	18.88	53.96	68.20	-14.24	peak
10	15161.0000	25.18	18.73	43.91	54.00	-10.09	AVG
11	16674.0000	36.54	18.42	54.96	68.20	-13.24	peak
12 *	16725.0000	27.84	18.53	46.37	54.00	-7.63	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5745Mhz)



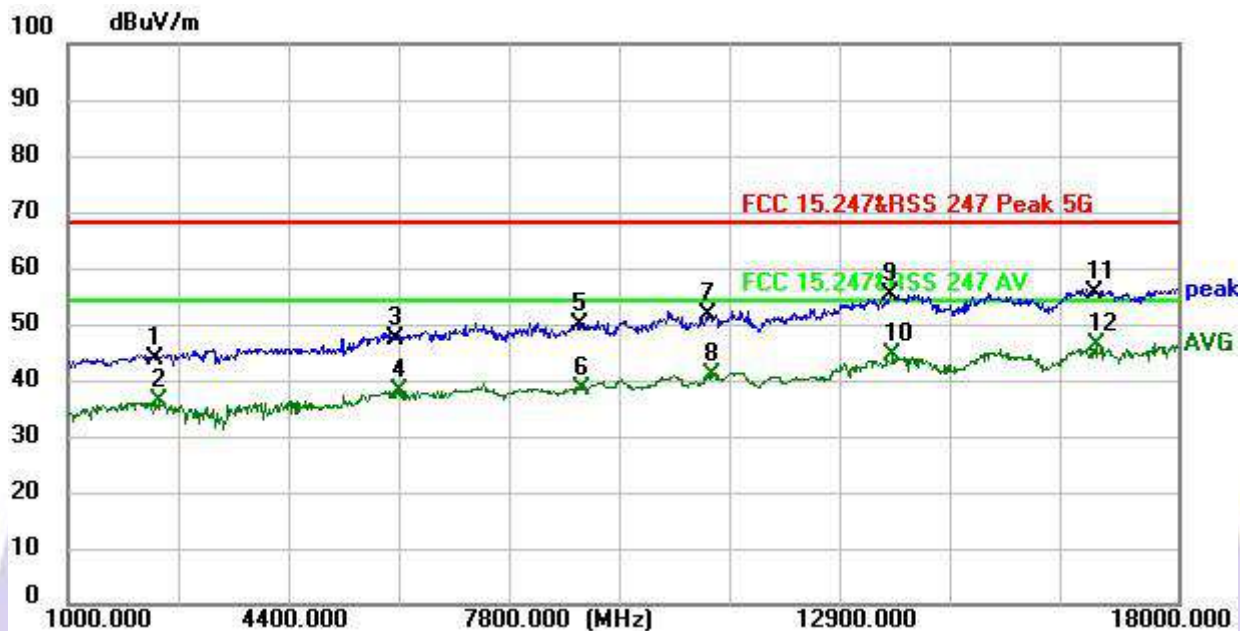
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3414.0000	46.10	0.88	46.98	68.20	-21.22	peak
2	3465.0000	37.98	0.89	38.87	54.00	-15.13	AVG
3	6389.0000	39.16	9.27	48.43	68.20	-19.77	peak
4	6457.0000	28.51	9.45	37.96	54.00	-16.04	AVG
5	7358.0000	37.35	12.02	49.37	68.20	-18.83	peak
6	7409.0000	25.58	13.97	39.55	54.00	-14.45	AVG
7	10622.0000	35.18	14.89	50.07	68.20	-18.13	peak
8	10656.0000	26.52	14.87	41.39	54.00	-12.61	AVG
9	13665.0000	33.25	19.20	52.45	68.20	-15.75	peak
10	13716.0000	24.41	19.21	43.62	54.00	-10.38	AVG
11	15110.0000	35.07	18.88	53.95	68.20	-14.25	peak
12 *	15161.0000	25.62	18.73	44.35	54.00	-9.65	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5745Mhz)



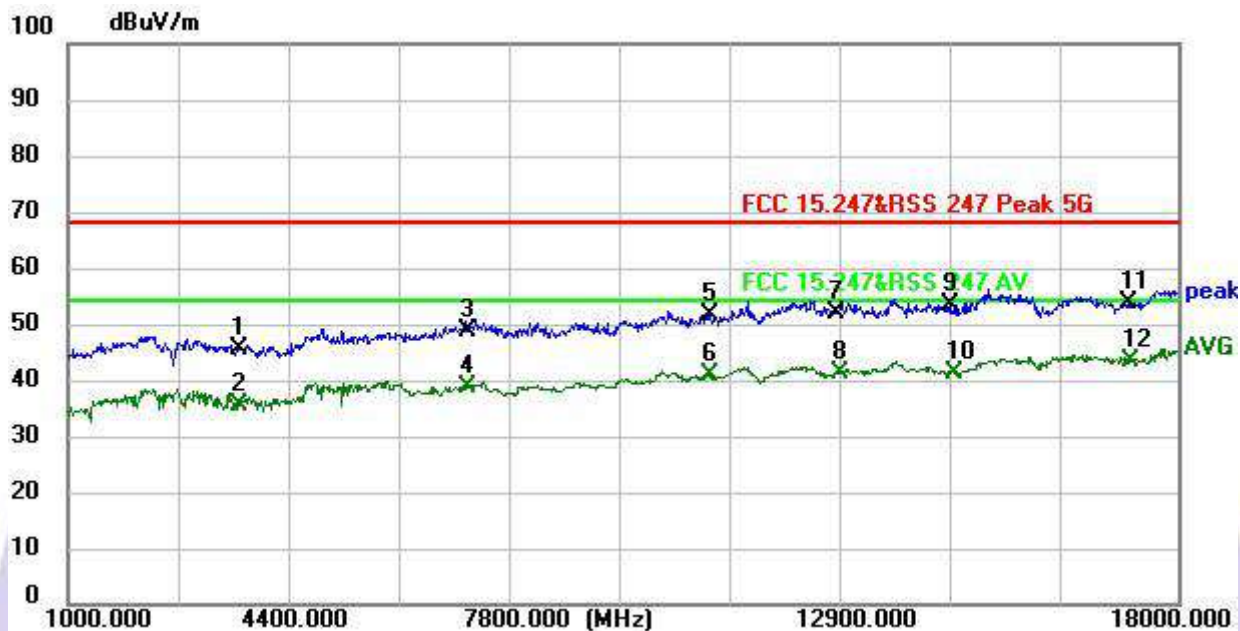
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	4825.0000	45.66	4.72	50.38	68.20	-17.82	peak
2	4876.0000	33.80	4.81	38.61	54.00	-15.39	AVG
3	7307.0000	39.65	11.70	51.35	68.20	-16.85	peak
4	7358.0000	27.47	12.02	39.49	54.00	-14.51	AVG
5	10486.0000	36.15	14.95	51.10	68.20	-17.10	peak
6	10503.0000	24.65	14.95	39.60	54.00	-14.40	AVG
7	12288.0000	34.72	17.52	52.24	68.20	-15.96	peak
8	12339.0000	22.83	17.66	40.49	54.00	-13.51	AVG
9	14923.0000	35.02	18.89	53.91	68.20	-14.29	peak
10 *	15008.0000	24.09	18.91	43.00	54.00	-11.00	AVG
11	17184.0000	32.93	20.43	53.36	68.20	-14.84	peak
12	17269.0000	19.99	21.04	41.03	54.00	-12.97	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5785Mhz)



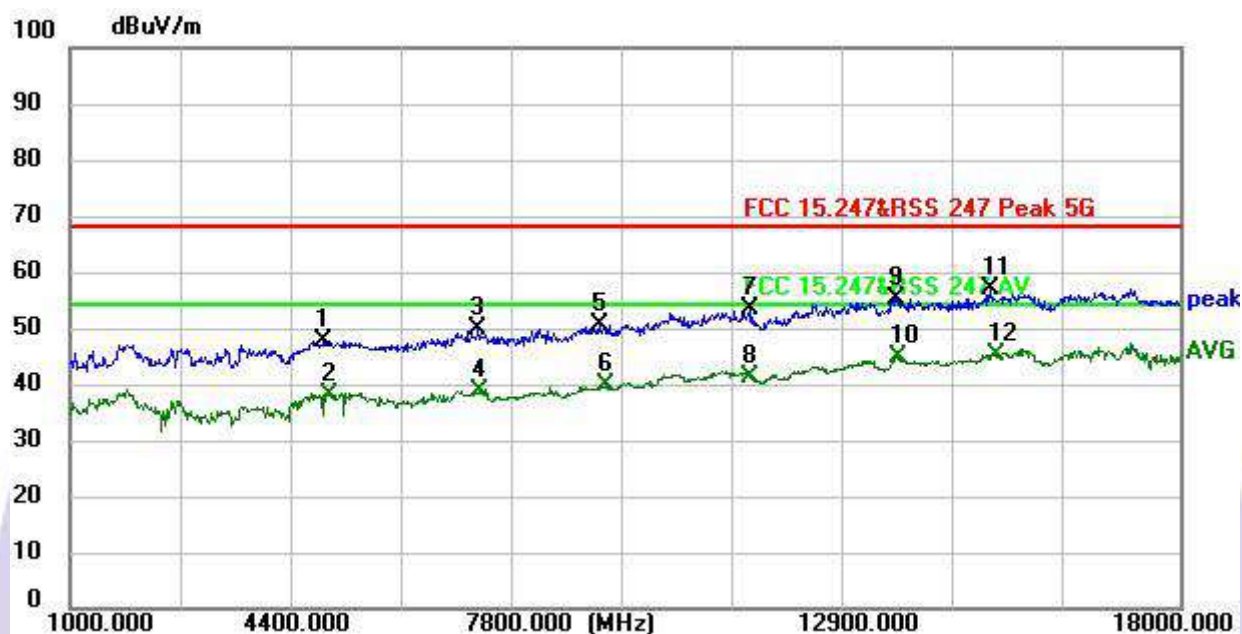
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2343.0000	47.04	-3.20	43.84	68.20	-24.36	peak
2	2394.0000	39.45	-3.05	36.40	54.00	-17.60	AVG
3	6015.0000	39.42	7.95	47.37	68.20	-20.83	peak
4	6066.0000	30.07	8.13	38.20	54.00	-15.80	AVG
5	8837.0000	36.61	13.15	49.76	68.20	-18.44	peak
6	8871.0000	25.25	13.23	38.48	54.00	-15.52	AVG
7	10792.0000	36.47	15.08	51.55	68.20	-16.65	peak
8	10877.0000	25.57	15.29	40.86	54.00	-13.14	AVG
9	13597.0000	36.03	19.16	55.19	68.20	-13.01	peak
10	13631.0000	25.33	19.18	44.51	54.00	-9.49	AVG
11	16725.0000	36.87	18.53	55.40	68.20	-12.80	peak
12 *	16742.0000	27.67	18.55	46.22	54.00	-7.78	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5785Mhz)



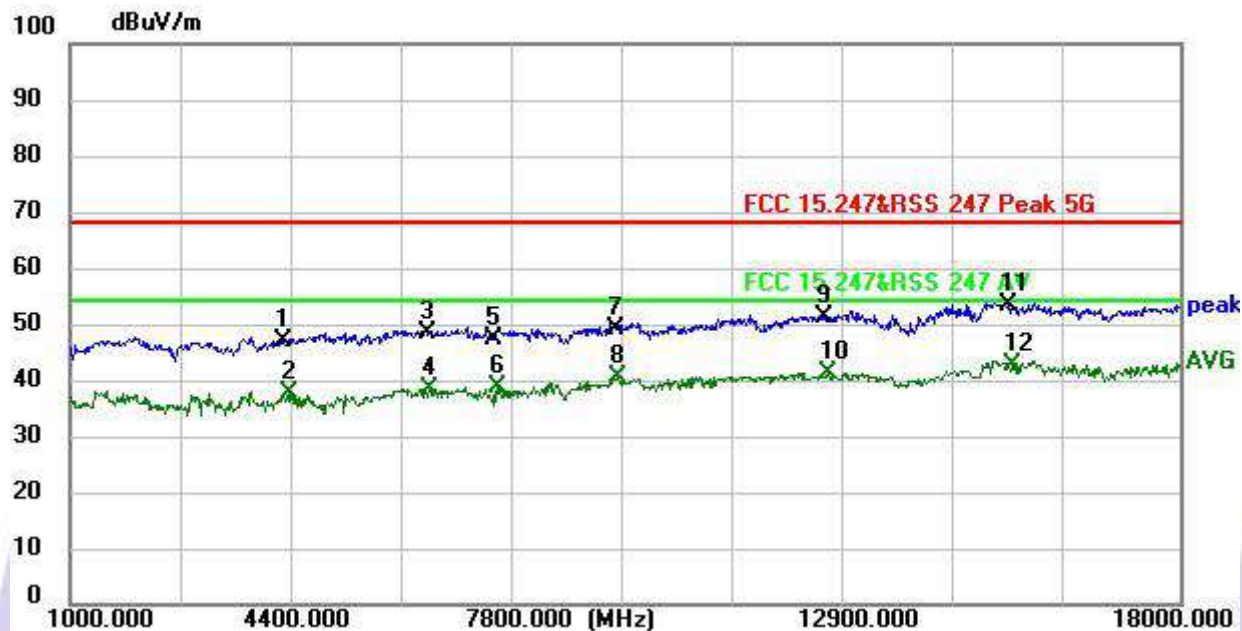
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	3635.0000	44.13	1.26	45.39	68.20	-22.81	peak
2	3635.0000	34.20	1.26	35.46	54.00	-18.54	AVG
3	7137.0000	37.08	11.55	48.63	68.20	-19.57	peak
4	7137.0000	27.15	11.55	38.70	54.00	-15.30	AVG
5	10826.0000	36.60	15.17	51.77	68.20	-16.43	peak
6	10843.0000	25.64	15.21	40.85	54.00	-13.15	AVG
7	12781.0000	33.69	18.44	52.13	68.20	-16.07	peak
8	12832.0000	22.65	18.62	41.27	54.00	-12.73	AVG
9	14532.0000	34.50	18.93	53.43	68.20	-14.77	peak
10	14583.0000	22.37	18.89	41.26	54.00	-12.74	AVG
11	17235.0000	33.00	20.84	53.84	68.20	-14.36	peak
12 *	17269.0000	22.25	21.04	43.29	54.00	-10.71	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5825Mhz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	4893.0000	42.71	4.90	47.61	68.20	-20.59	peak
2	4978.0000	32.84	5.17	38.01	54.00	-15.99	AVG
3	7256.0000	37.88	11.90	49.78	68.20	-18.42	peak
4	7290.0000	26.94	11.77	38.71	54.00	-15.29	AVG
5	9109.0000	37.01	13.57	50.58	68.20	-17.62	peak
6	9194.0000	25.96	13.72	39.68	54.00	-14.32	AVG
7	11404.0000	37.16	16.32	53.48	68.20	-14.72	peak
8	11421.0000	24.90	16.33	41.23	54.00	-12.77	AVG
9	13665.0000	36.14	19.20	55.34	68.20	-12.86	peak
10	13699.0000	25.58	19.22	44.80	54.00	-9.20	AVG
11	15093.0000	38.01	18.91	56.92	68.20	-11.28	peak
12 *	15178.0000	26.60	18.68	45.28	54.00	-8.72	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5825Mhz)



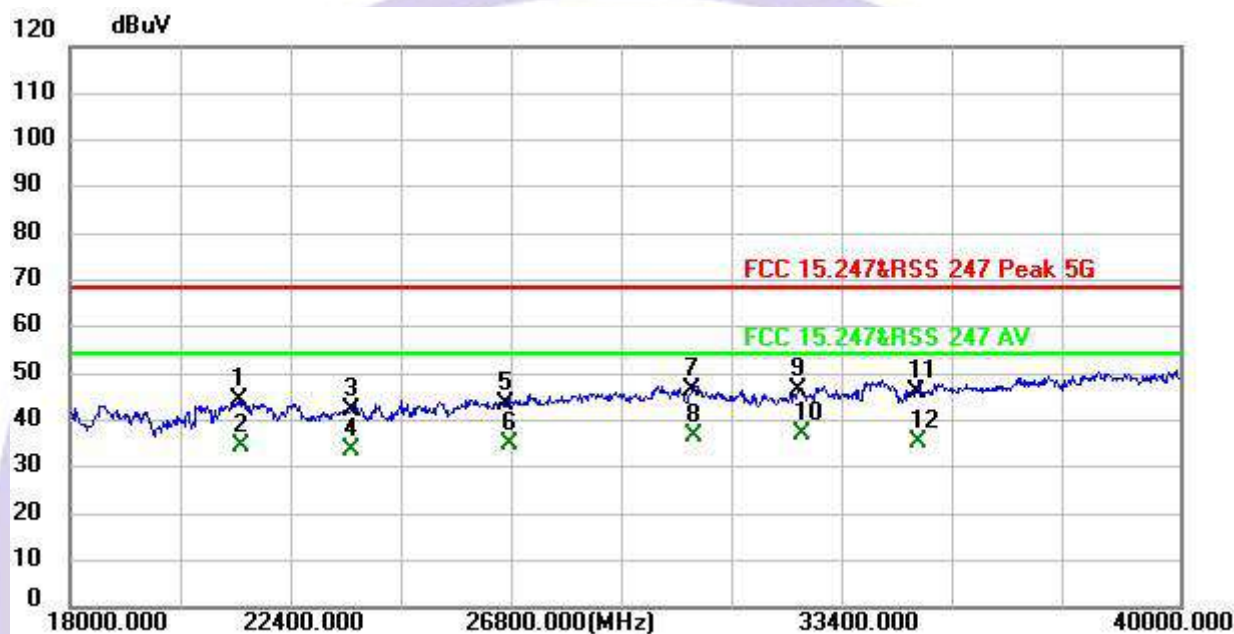
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	4281.0000	43.75	3.14	46.89	68.20	-21.31	peak
2	4366.0000	34.35	3.43	37.78	54.00	-16.22	AVG
3	6474.0000	38.77	9.51	48.28	68.20	-19.92	peak
4	6508.0000	28.69	9.61	38.30	54.00	-15.70	AVG
5	7494.0000	35.86	11.46	47.32	68.20	-20.88	peak
6	7545.0000	27.17	11.57	38.74	54.00	-15.26	AVG
7	9364.0000	35.88	13.28	49.16	68.20	-19.04	peak
8	9398.0000	27.10	13.38	40.48	54.00	-13.52	AVG
9	12560.0000	33.22	17.93	51.15	68.20	-17.05	peak
10	12628.0000	23.02	18.09	41.11	54.00	-12.89	AVG
11	15365.0000	34.85	18.38	53.23	68.20	-14.97	peak
12 *	15450.0000	24.30	18.21	42.51	54.00	-11.49	AVG

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss - Pre-amplifier, Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. All the modes have been tested, and only the data of the worst mode 802.11 a is presented.

Test Frequency 18GHz-40GHz

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5180Mhz)



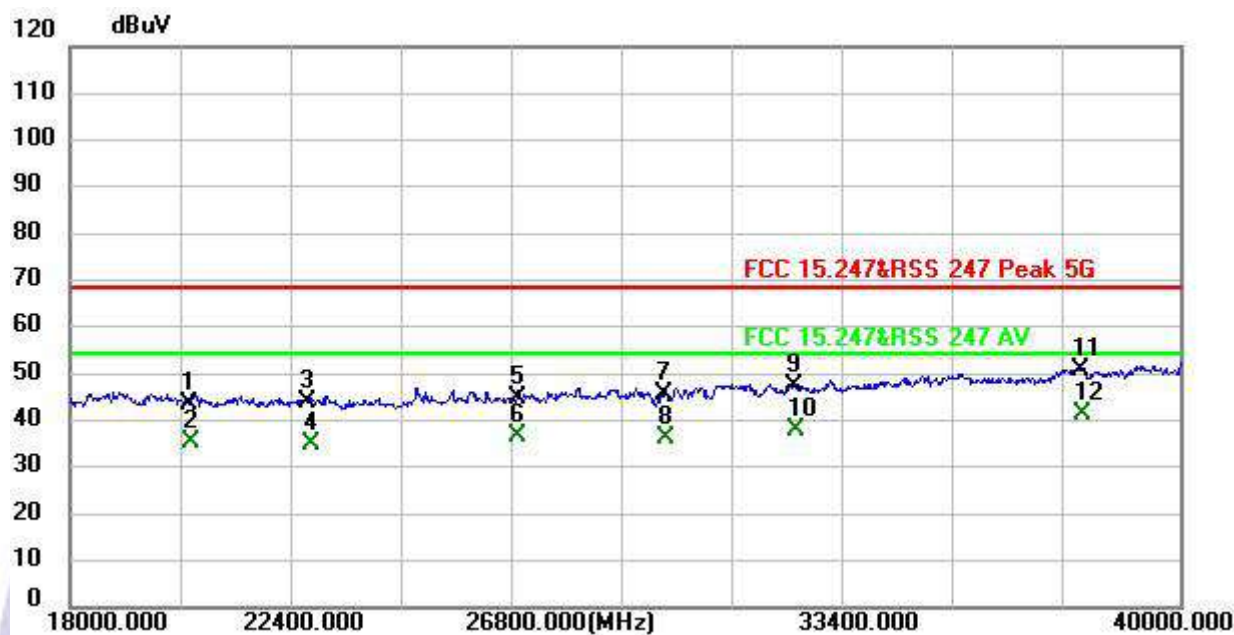
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	21366.0000	48.02	-3.87	44.15	68.20	-24.05	peak
2	21388.0000	38.38	-4.00	34.38	54.00	-19.62	AVG
3	23566.0000	44.97	-2.66	42.31	68.20	-25.89	peak
4	23588.0000	36.11	-2.50	33.61	54.00	-20.39	AVG
5	26646.0000	43.41	-0.10	43.31	68.20	-24.89	peak
6	26734.0000	34.07	0.72	34.79	54.00	-19.21	AVG
7	30342.0000	40.27	6.10	46.37	68.20	-21.83	peak
8	30364.0000	30.47	6.23	36.70	54.00	-17.30	AVG
9	32454.0000	38.99	7.56	46.55	68.20	-21.65	peak
10 *	32498.0000	27.23	9.81	37.04	54.00	-16.96	AVG
11	34786.0000	40.57	5.65	46.22	68.20	-21.98	peak
12	34830.0000	29.55	5.97	35.52	54.00	-18.48	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5180Mhz)



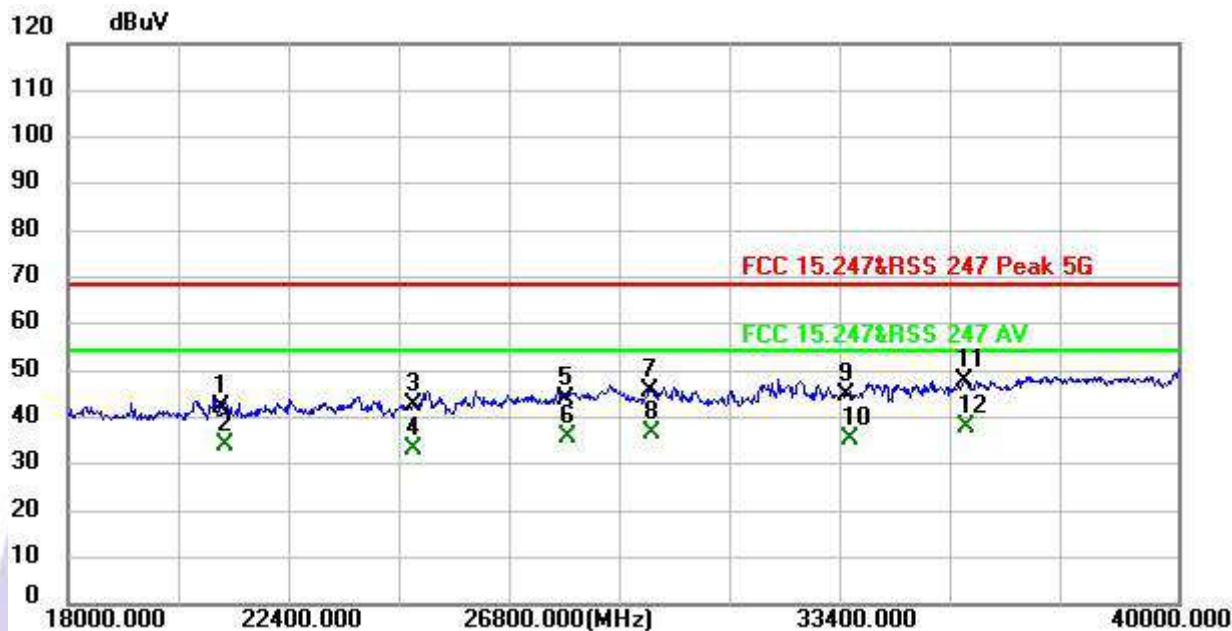
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	19958.0000	32.92	9.54	42.46	68.20	-25.74	peak
2	20046.0000	25.07	9.93	35.00	54.00	-19.00	AVG
3	22400.0000	31.63	12.15	43.78	68.20	-24.42	peak
4	22466.0000	22.22	12.02	34.24	54.00	-19.76	AVG
5	25700.0000	30.16	16.43	46.59	68.20	-21.61	peak
6	25700.0000	20.08	16.43	36.51	54.00	-17.49	AVG
7	28054.0000	22.92	23.34	46.26	68.20	-21.94	peak
8	28076.0000	13.91	23.10	37.01	54.00	-16.99	AVG
9	31288.0000	22.60	24.22	46.82	68.20	-21.38	peak
10 *	31376.0000	13.96	23.46	37.42	54.00	-16.58	AVG
11	33422.0000	27.96	19.22	47.18	68.20	-21.02	peak
12	33466.0000	17.92	19.17	37.09	54.00	-16.91	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5200Mhz)



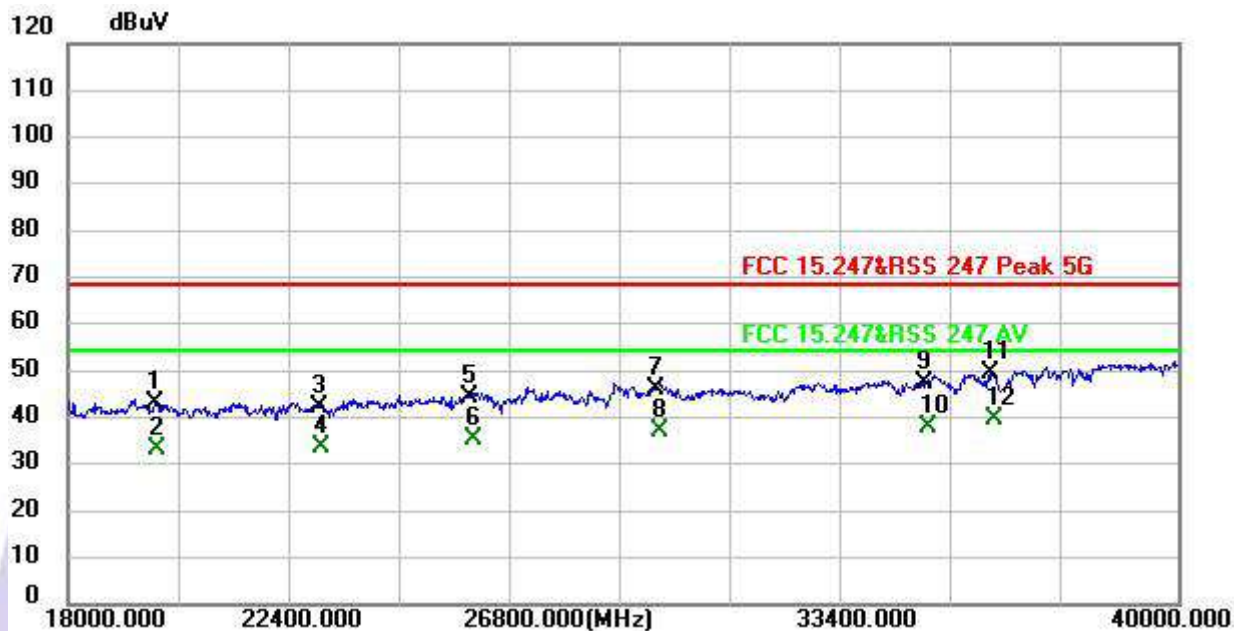
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	20354.0000	33.36	10.23	43.59	68.20	-24.61	peak
2	20420.0000	25.19	10.30	35.49	54.00	-18.51	AVG
3	22708.0000	32.12	11.79	43.91	68.20	-24.29	peak
4	22774.0000	23.09	11.71	34.80	54.00	-19.20	AVG
5	26866.0000	24.68	20.08	44.76	68.20	-23.44	peak
6	26888.0000	16.28	20.28	36.56	54.00	-17.44	AVG
7	29792.0000	23.67	22.17	45.84	68.20	-22.36	peak
8	29814.0000	14.11	22.28	36.39	54.00	-17.61	AVG
9	32366.0000	9.43	38.09	47.52	68.20	-20.68	peak
10	32388.0000	-1.31	39.21	37.90	54.00	-16.10	AVG
11	38042.0000	27.33	23.61	50.94	68.20	-17.26	peak
12 *	38064.0000	17.74	23.65	41.39	54.00	-12.61	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5200Mhz)



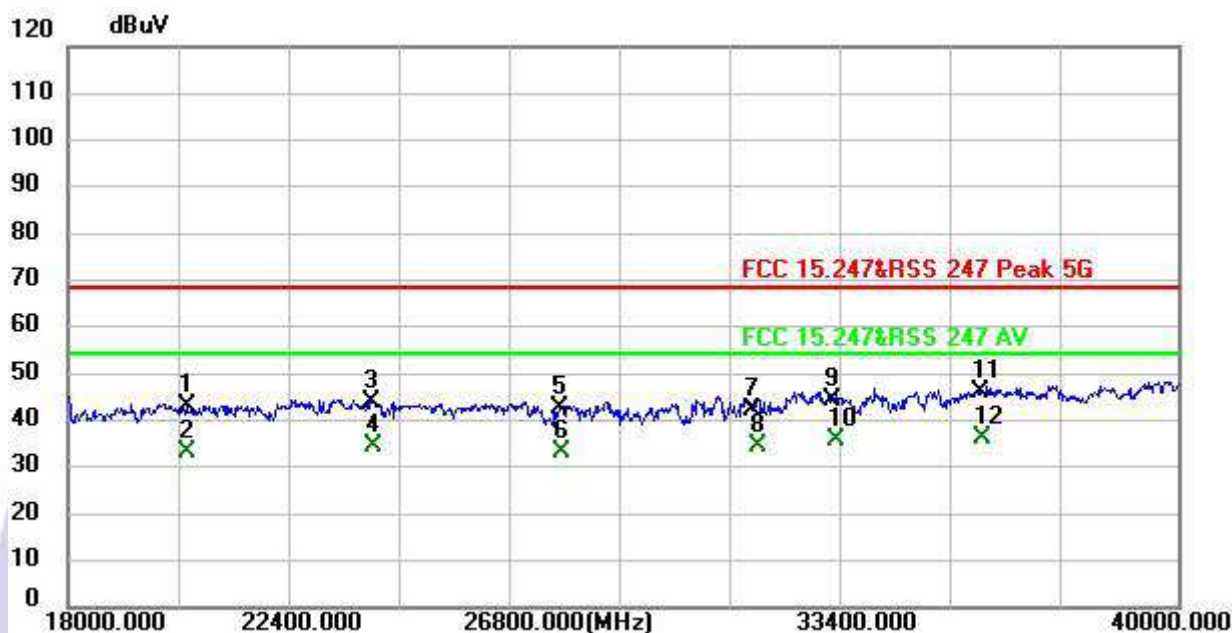
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	21036.0000	28.37	14.04	42.41	68.20	-25.79	peak
2	21124.0000	20.42	13.60	34.02	54.00	-19.98	AVG
3	24842.0000	24.16	18.52	42.68	68.20	-25.52	peak
4	24864.0000	14.62	18.50	33.12	54.00	-20.88	AVG
5	27878.0000	20.62	23.41	44.03	68.20	-24.17	peak
6	27900.0000	12.25	23.51	35.76	54.00	-18.24	AVG
7	29528.0000	24.95	20.86	45.81	68.20	-22.39	peak
8	29594.0000	15.45	21.14	36.59	54.00	-17.41	AVG
9	33422.0000	25.46	19.22	44.68	68.20	-23.52	peak
10	33488.0000	16.41	19.14	35.55	54.00	-18.45	AVG
11	35776.0000	25.48	22.27	47.75	68.20	-20.45	peak
12 *	35820.0000	15.67	22.26	37.93	54.00	-16.07	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5240Mhz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	19716.0000	51.20	-8.15	43.05	68.20	-25.15	peak
2	19782.0000	40.89	-7.57	33.32	54.00	-20.68	AVG
3	22972.0000	47.26	-5.17	42.09	68.20	-26.11	peak
4	23016.0000	38.71	-5.11	33.60	54.00	-20.40	AVG
5	25964.0000	44.28	0.10	44.38	68.20	-23.82	peak
6	26030.0000	34.98	0.17	35.15	54.00	-18.85	AVG
7	29660.0000	43.89	2.33	46.22	68.20	-21.98	peak
8	29726.0000	34.56	2.63	37.19	54.00	-16.81	AVG
9	34984.0000	40.43	7.10	47.53	68.20	-20.67	peak
10	35050.0000	31.40	6.74	38.14	54.00	-15.86	AVG
11	36304.0000	48.71	0.59	49.30	68.20	-18.90	peak
12 *	36370.0000	39.20	0.24	39.44	54.00	-14.56	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5240Mhz)



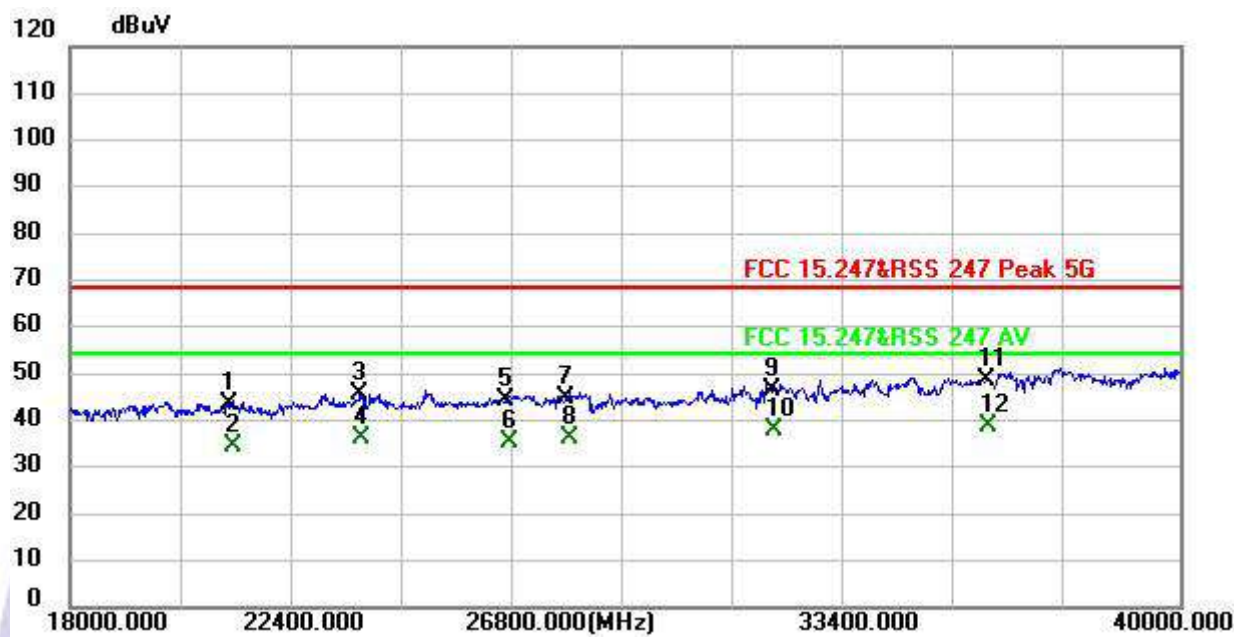
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	20354.0000	32.86	10.23	43.09	68.20	-25.11	peak
2	20354.0000	22.86	10.23	33.09	54.00	-20.91	AVG
3	24028.0000	26.04	17.87	43.91	68.20	-24.29	peak
4	24072.0000	16.42	17.93	34.35	54.00	-19.65	AVG
5	27746.0000	19.70	22.85	42.55	68.20	-25.65	peak
6	27790.0000	10.10	23.03	33.13	54.00	-20.87	AVG
7	31574.0000	19.93	22.10	42.03	68.20	-26.17	peak
8	31662.0000	12.88	21.54	34.42	54.00	-19.58	AVG
9	33158.0000	24.92	19.52	44.44	68.20	-23.76	peak
10	33246.0000	16.24	19.42	35.66	54.00	-18.34	AVG
11	36084.0000	24.35	21.83	46.18	68.20	-22.02	peak
12 *	36128.0000	14.83	21.57	36.40	54.00	-17.60	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5745Mhz)



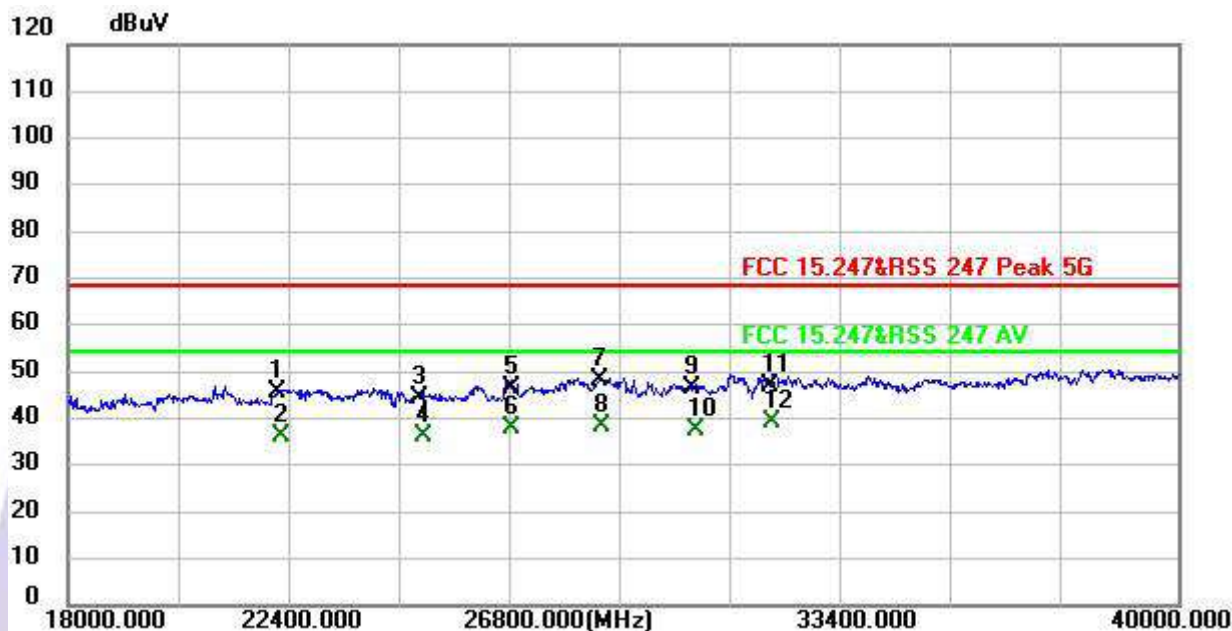
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	20288.0000	30.38	10.17	40.55	68.20	-27.65	peak
2	20354.0000	21.36	10.23	31.59	54.00	-22.41	AVG
3	23016.0000	30.01	11.68	41.69	68.20	-26.51	peak
4	23060.0000	21.39	11.89	33.28	54.00	-20.72	AVG
5	27658.0000	19.82	22.48	42.30	68.20	-25.90	peak
6	27724.0000	11.33	22.75	34.08	54.00	-19.92	AVG
7	29858.0000	21.30	22.50	43.80	68.20	-24.40	peak
8	29946.0000	12.30	22.92	35.22	54.00	-18.78	AVG
9	33576.0000	24.43	20.07	44.50	68.20	-23.70	peak
10	33620.0000	16.79	20.68	37.47	54.00	-16.53	AVG
11	36238.0000	24.58	20.95	45.53	68.20	-22.67	peak
12 *	36348.0000	18.35	20.36	38.71	54.00	-15.29	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5745Mhz)



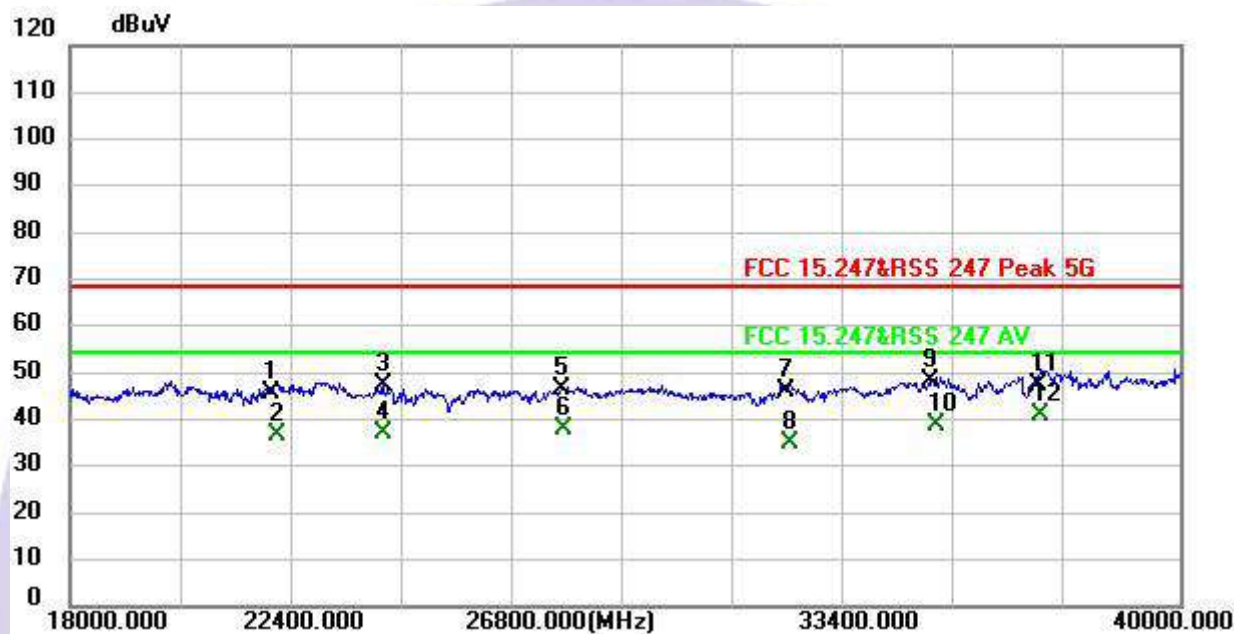
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	21146.0000	29.91	13.48	43.39	68.20	-24.81	peak
2	21234.0000	21.32	13.03	34.35	54.00	-19.65	AVG
3	23742.0000	29.91	15.75	45.66	68.20	-22.54	peak
4	23786.0000	20.07	16.10	36.17	54.00	-17.83	AVG
5	26646.0000	26.55	17.99	44.54	68.20	-23.66	peak
6	26734.0000	16.47	18.84	35.31	54.00	-18.69	AVG
7	27834.0000	21.60	23.23	44.83	68.20	-23.37	peak
8	27922.0000	12.45	23.61	36.06	54.00	-17.94	AVG
9	31904.0000	26.45	20.05	46.50	68.20	-21.70	peak
10	31970.0000	18.15	19.65	37.80	54.00	-16.20	AVG
11	36150.0000	27.07	21.44	48.51	68.20	-19.69	peak
12 *	36194.0000	17.75	21.19	38.94	54.00	-15.06	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5785Mhz)



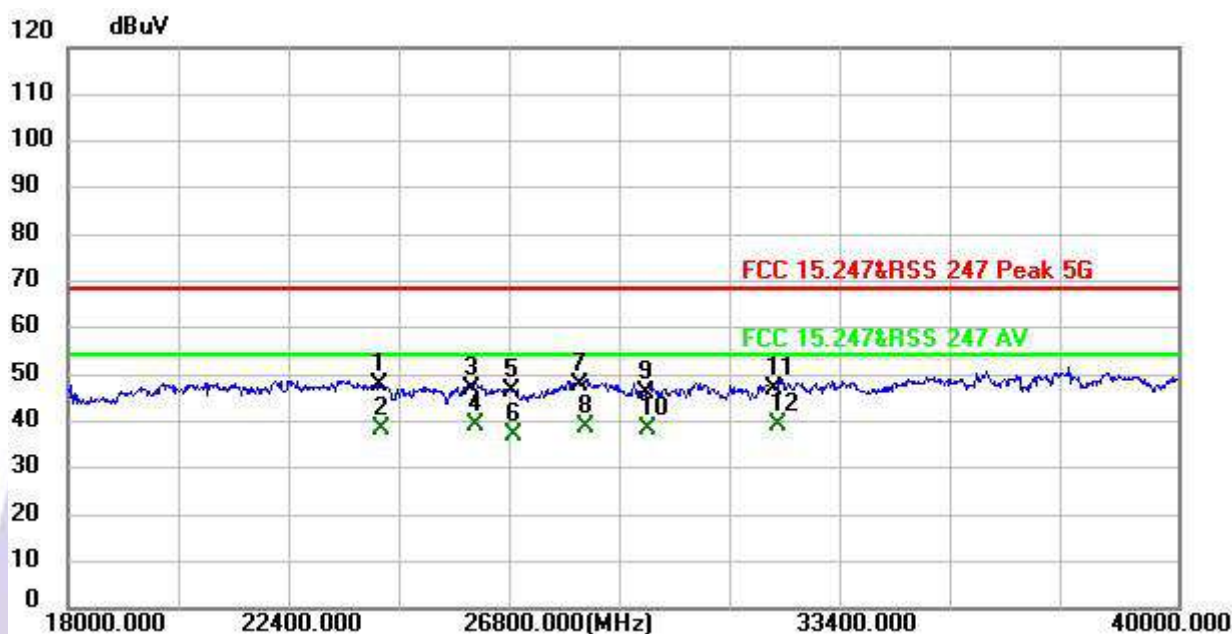
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	22158.0000	32.90	12.68	45.58	68.20	-22.62	peak
2	22246.0000	23.81	12.46	36.27	54.00	-17.73	AVG
3	24974.0000	25.99	18.42	44.41	68.20	-23.79	peak
4	25040.0000	17.99	18.17	36.16	54.00	-17.84	AVG
5	26778.0000	27.20	19.26	46.46	68.20	-21.74	peak
6	26800.0000	18.53	19.48	38.01	54.00	-15.99	AVG
7	28538.0000	29.74	18.57	48.31	68.20	-19.89	peak
8	28582.0000	19.89	18.68	38.57	54.00	-15.43	AVG
9	30386.0000	20.59	25.81	46.40	68.20	-21.80	peak
10	30430.0000	11.44	26.10	37.54	54.00	-16.46	AVG
11	31926.0000	27.03	19.92	46.95	68.20	-21.25	peak
12 *	31970.0000	19.65	19.65	39.30	54.00	-14.70	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5785Mhz)



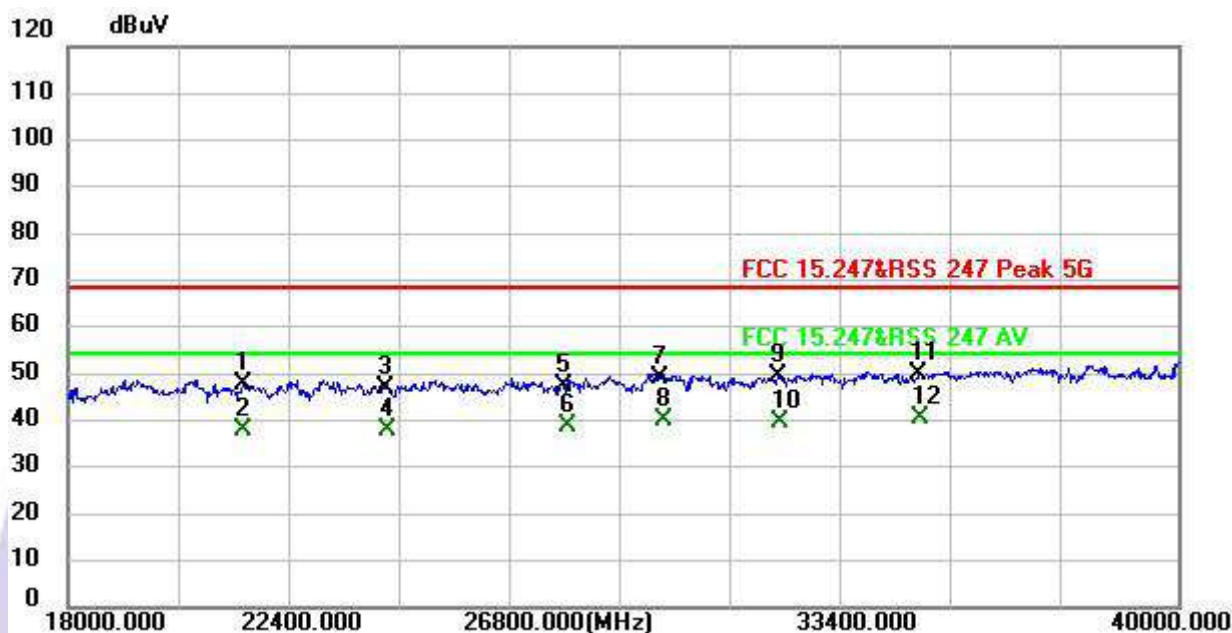
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	22004.0000	32.55	13.14	45.69	68.20	-22.51	peak
2	22114.0000	23.78	12.82	36.60	54.00	-17.40	AVG
3	24204.0000	29.04	18.14	47.18	68.20	-21.02	peak
4	24204.0000	19.04	18.14	37.18	54.00	-16.82	AVG
5	27746.0000	23.70	22.85	46.55	68.20	-21.65	peak
6	27790.0000	15.10	23.03	38.13	54.00	-15.87	AVG
7	32212.0000	15.68	30.26	45.94	68.20	-22.26	peak
8	32278.0000	1.38	33.62	35.00	54.00	-19.00	AVG
9	35072.0000	21.68	26.53	48.21	68.20	-19.99	peak
10	35160.0000	12.96	25.69	38.65	54.00	-15.35	AVG
11	37184.0000	25.13	22.18	47.31	68.20	-20.89	peak
12 *	37228.0000	18.58	22.22	40.80	54.00	-13.20	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5825Mhz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	24160.0000	29.79	18.08	47.87	68.20	-20.33	peak
2	24204.0000	20.04	18.14	38.18	54.00	-15.82	AVG
3	26008.0000	28.79	18.11	46.90	68.20	-21.30	peak
4 *	26074.0000	21.44	17.85	39.29	54.00	-14.71	AVG
5	26778.0000	27.20	19.26	46.46	68.20	-21.74	peak
6	26822.0000	17.45	19.68	37.13	54.00	-16.87	AVG
7	28142.0000	25.26	22.36	47.62	68.20	-20.58	peak
8	28252.0000	17.71	21.16	38.87	54.00	-15.13	AVG
9	29462.0000	25.19	20.67	45.86	68.20	-22.34	peak
10	29506.0000	17.54	20.78	38.32	54.00	-15.68	AVG
11	31992.0000	27.56	19.54	47.10	68.20	-21.10	peak
12	32080.0000	15.58	23.55	39.13	54.00	-14.87	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5825Mhz)



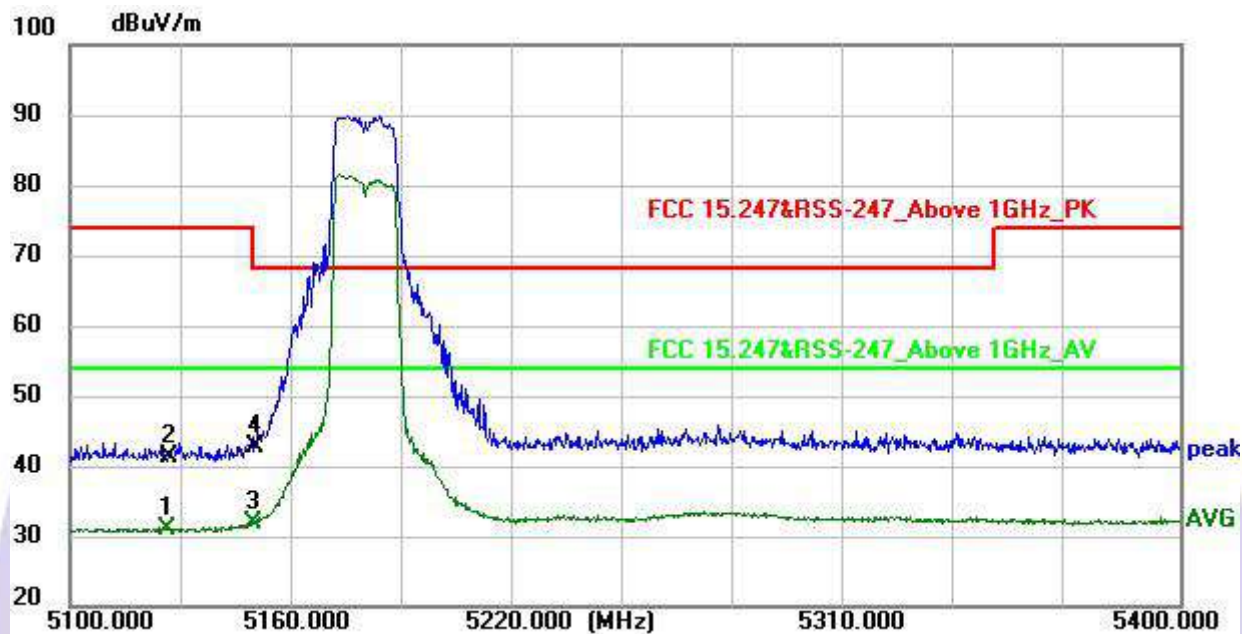
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	21476.0000	36.11	11.74	47.85	68.20	-20.35	peak
2	21476.0000	26.11	11.74	37.85	54.00	-16.15	AVG
3	24314.0000	28.71	18.34	47.05	68.20	-21.15	peak
4	24336.0000	19.66	18.38	38.04	54.00	-15.96	AVG
5	27834.0000	24.10	23.23	47.33	68.20	-20.87	peak
6	27900.0000	15.25	23.51	38.76	54.00	-15.24	AVG
7	29726.0000	27.34	21.82	49.16	68.20	-19.04	peak
8	29814.0000	17.61	22.28	39.89	54.00	-14.11	AVG
9	32058.0000	26.97	22.43	49.40	68.20	-18.80	peak
10	32124.0000	13.93	25.79	39.72	54.00	-14.28	AVG
11	34874.0000	23.83	26.30	50.13	68.20	-18.07	peak
12 *	34896.0000	13.89	26.46	40.35	54.00	-13.65	AVG

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss - Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. All the modes have been tested, and only the data of the worst mode 802.11 a is presented.

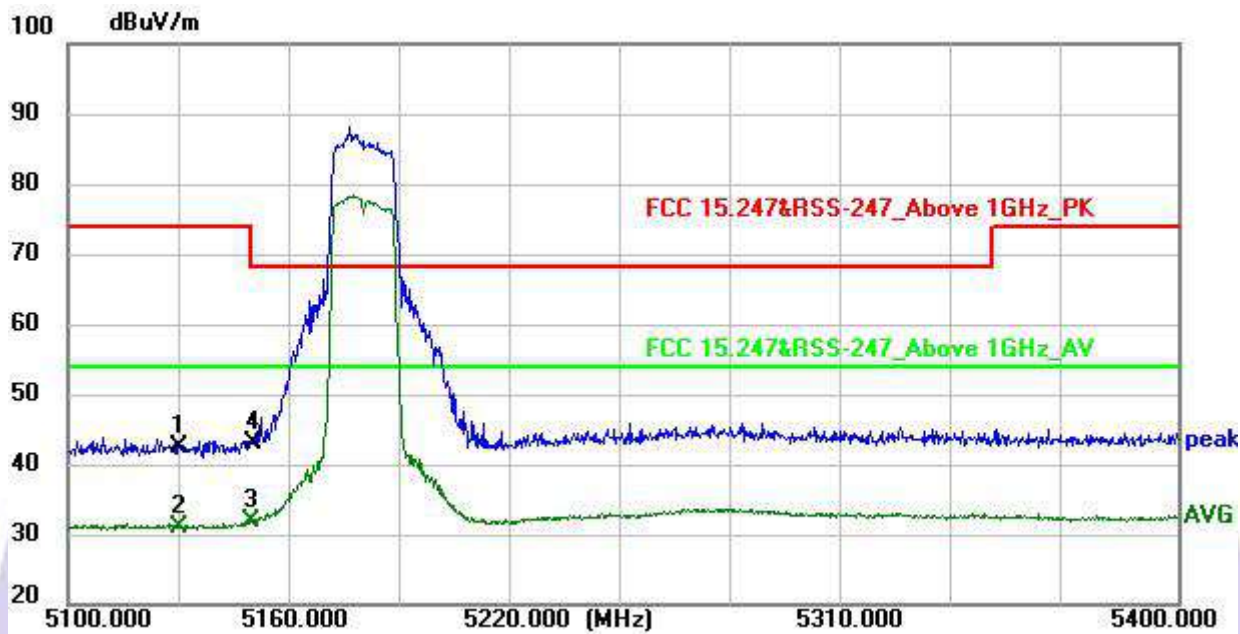
Restricted bands:

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5180MHz)



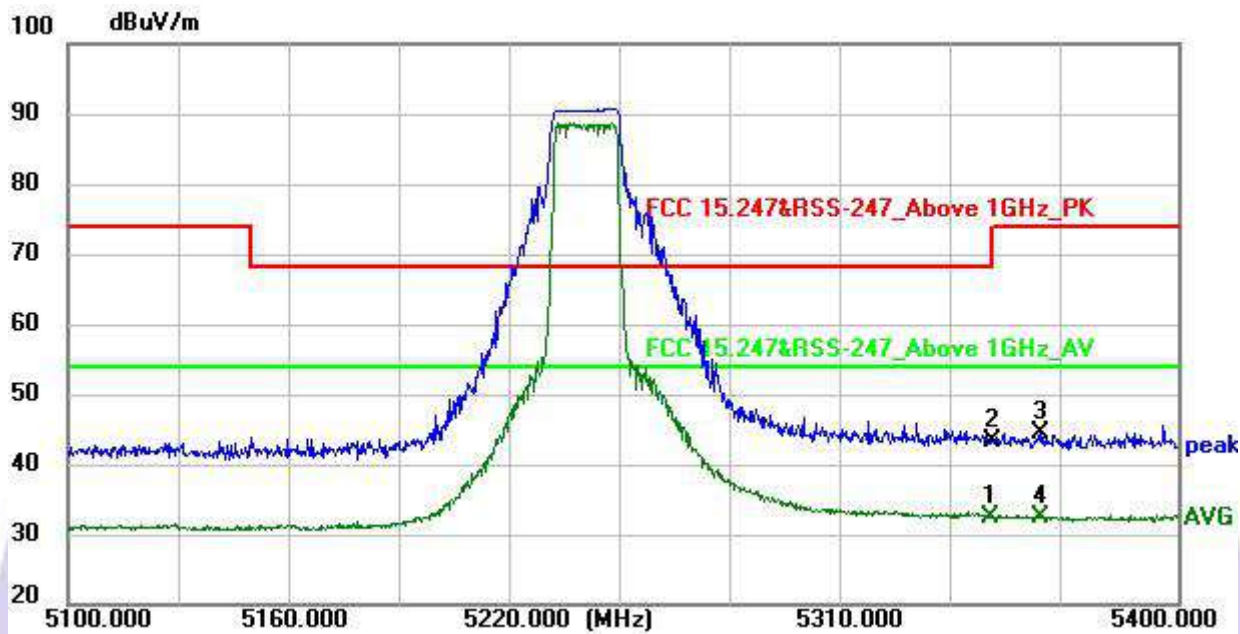
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5126.4000	27.32	3.70	31.02	54.00	-22.98	AVG
2	5126.7000	37.61	3.70	41.31	74.00	-32.69	peak
3 *	5149.8000	28.10	3.69	31.79	54.00	-22.21	AVG
4	5150.1000	39.00	3.70	42.70	68.20	-25.50	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5180MHz)



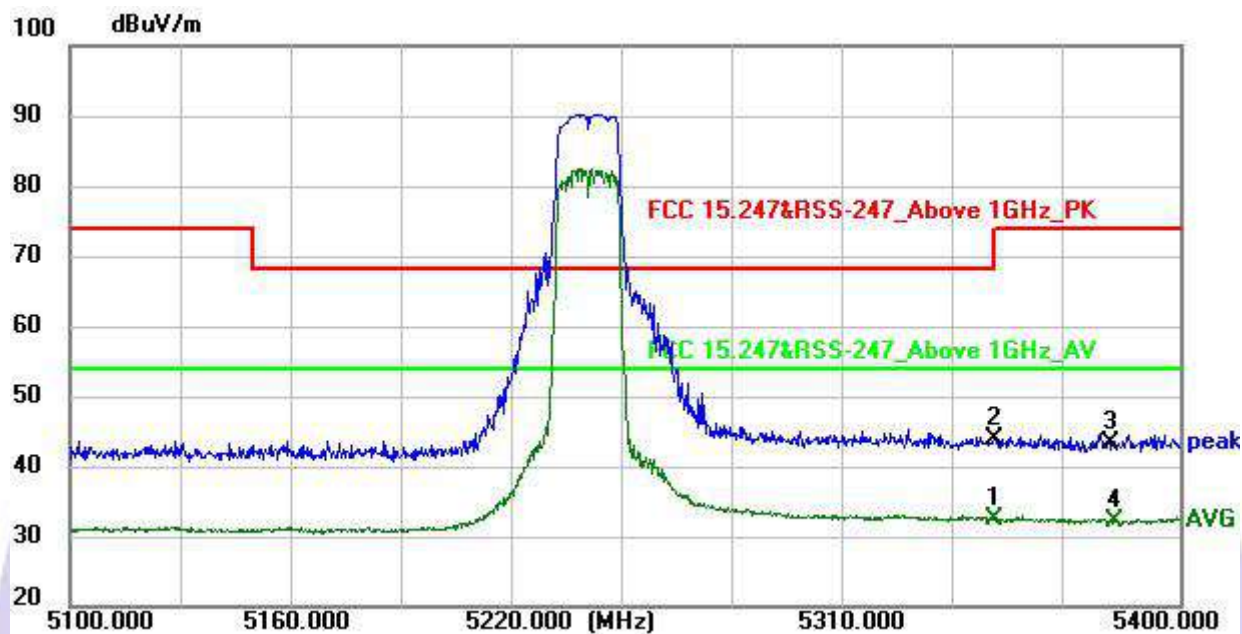
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5130.0000	38.67	3.71	42.38	74.00	-31.62	peak
2	5130.0000	27.35	3.71	31.06	54.00	-22.94	AVG
3 *	5149.8000	28.04	3.69	31.73	54.00	-22.27	AVG
4	5150.1000	39.16	3.70	42.86	68.20	-25.34	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5240MHz)



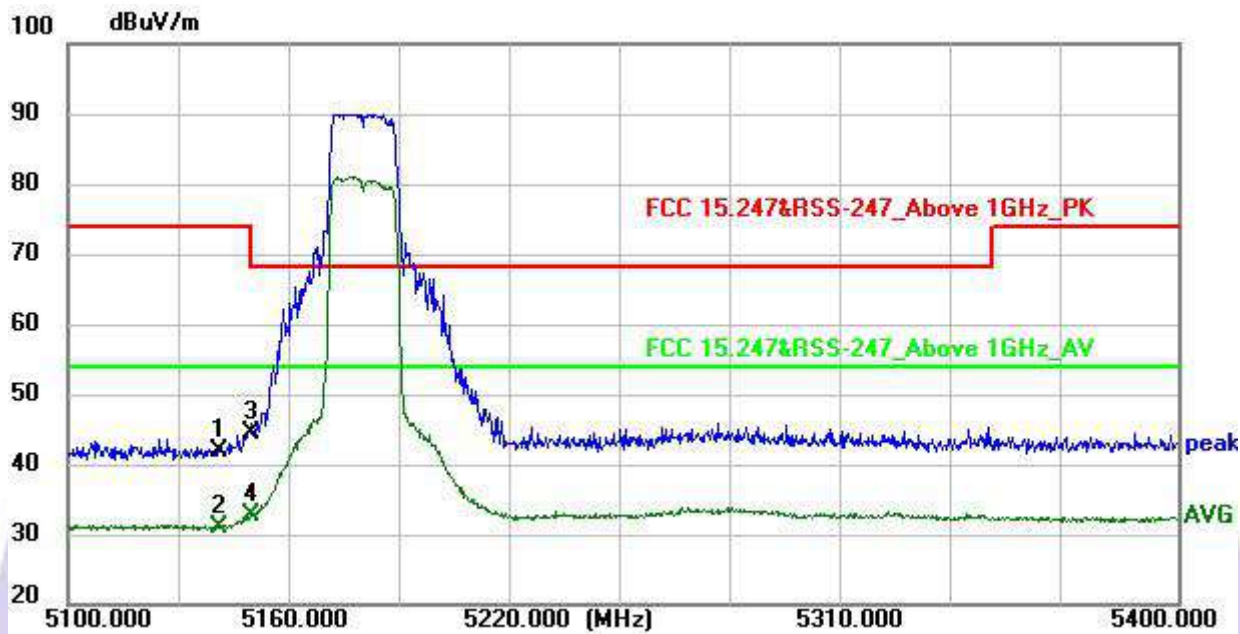
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5349.6000	28.94	3.58	32.52	54.00	-21.48	AVG
2	5349.9000	39.76	3.58	43.34	68.20	-24.86	peak
3	5363.1000	40.78	3.56	44.34	74.00	-29.66	peak
4	5363.1000	28.94	3.56	32.50	54.00	-21.50	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5240MHz)



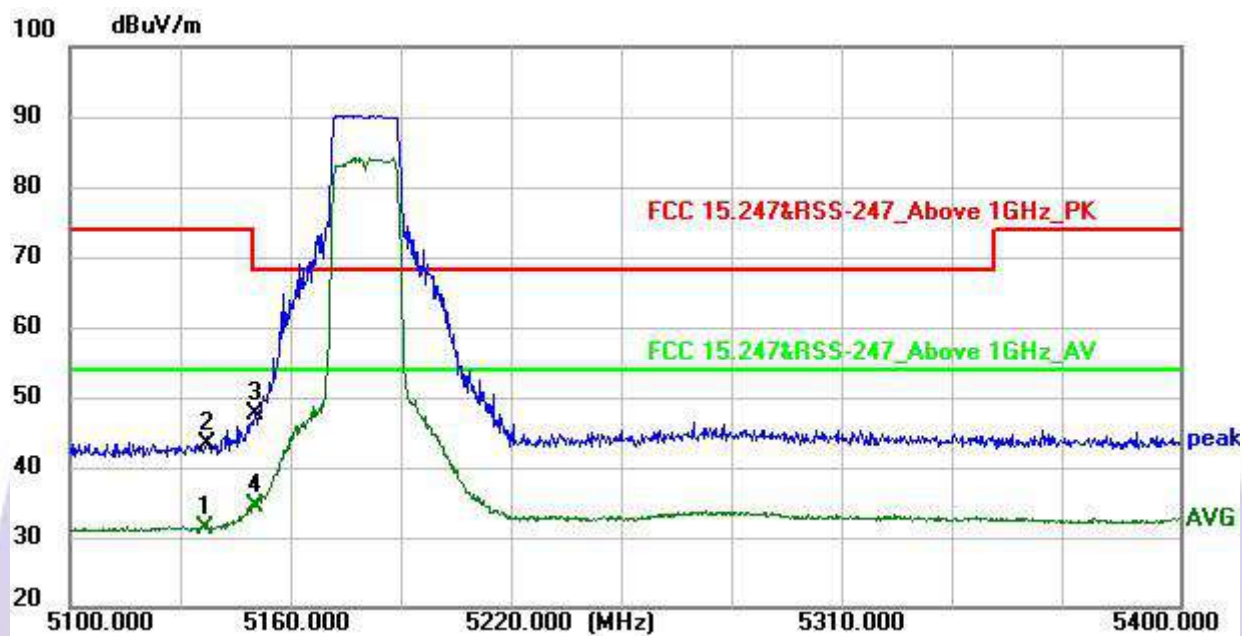
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5349.9000	28.76	3.58	32.34	54.00	-21.66	AVG
2	5350.0000	40.27	3.59	43.86	68.20	-24.34	peak
3	5381.1000	39.63	3.52	43.15	74.00	-30.85	peak
4	5382.3000	28.57	3.51	32.08	54.00	-21.92	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 n20 (5180MHz)



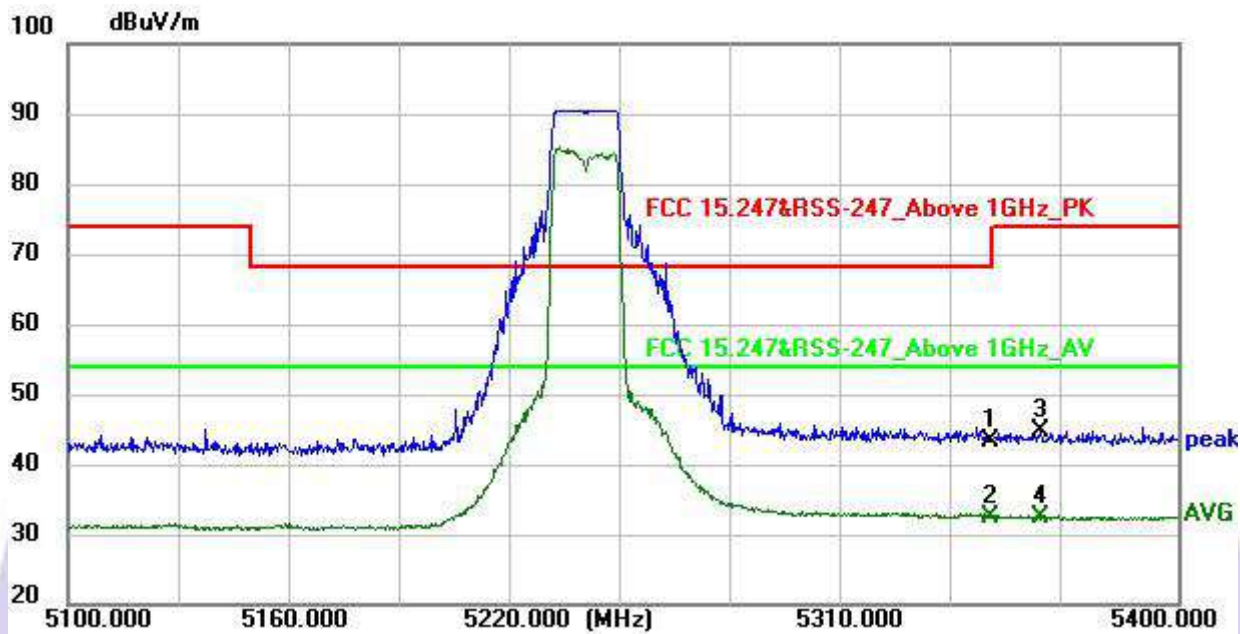
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5140.8000	38.17	3.70	41.87	74.00	-32.13	peak
2	5140.8000	27.19	3.70	30.89	54.00	-23.11	AVG
3	5150.0000	40.64	3.70	44.34	68.20	-23.86	peak
4 *	5150.0000	29.03	3.70	32.73	54.00	-21.27	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 n20 (5180MHz)



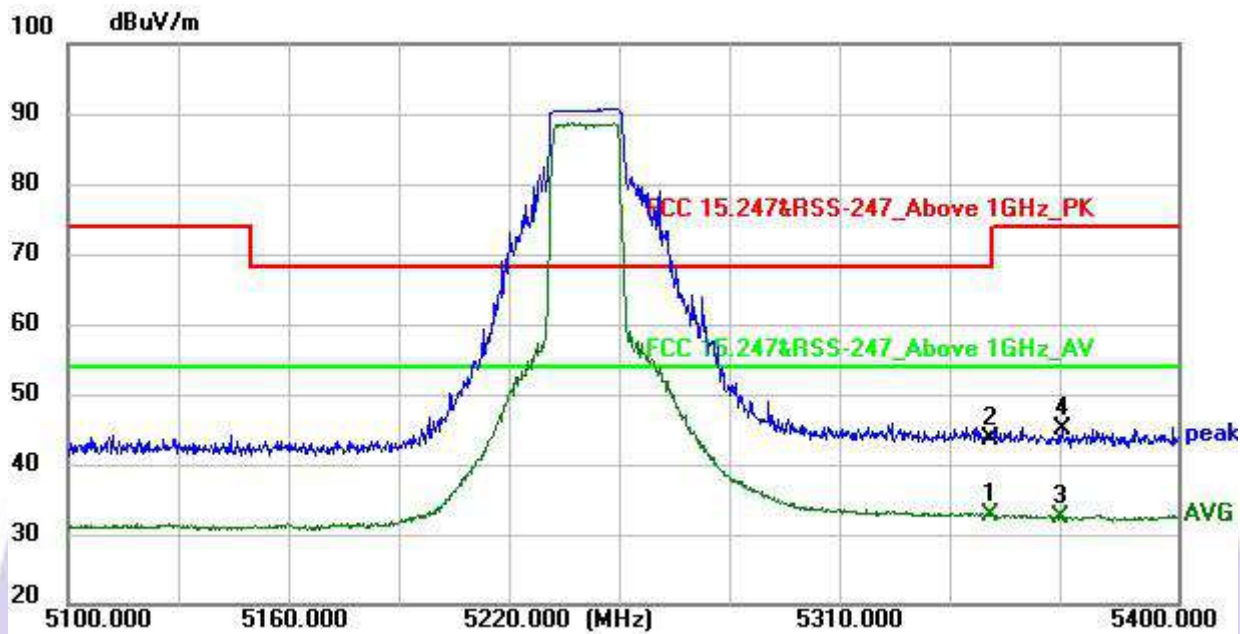
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5136.6000	27.53	3.71	31.24	54.00	-22.76	AVG
2	5136.9000	39.49	3.71	43.20	74.00	-30.80	peak
3	5150.1000	43.87	3.70	47.57	68.20	-20.63	peak
4 *	5150.1000	30.83	3.70	34.53	54.00	-19.47	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 n20 (5240MHz)



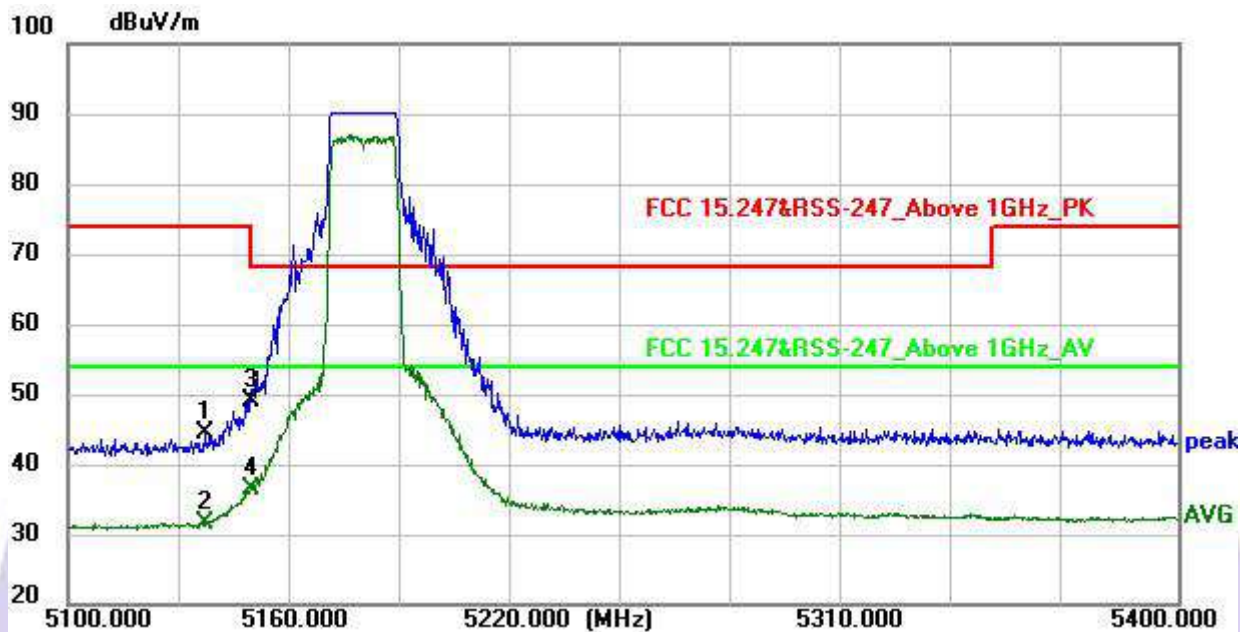
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5349.6000	39.83	3.58	43.41	68.20	-24.79	peak
2 *	5349.6000	28.95	3.58	32.53	54.00	-21.47	AVG
3	5363.1000	41.09	3.56	44.65	74.00	-29.35	peak
4	5363.1000	28.92	3.56	32.48	54.00	-21.52	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 n20 (5240MHz)



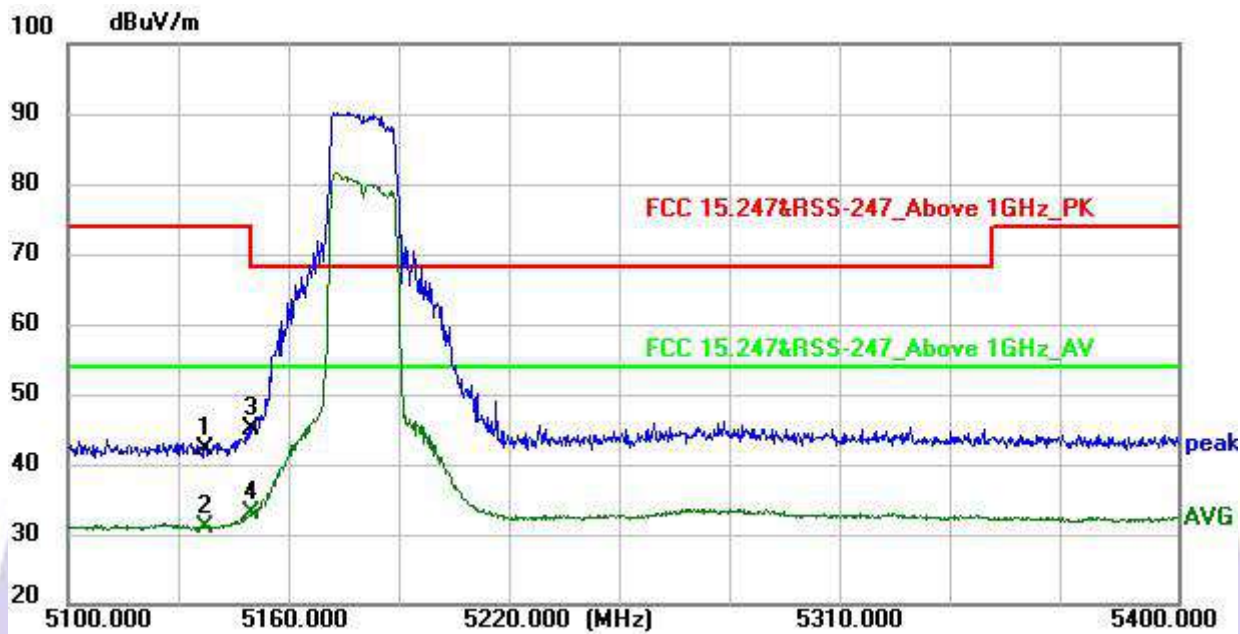
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5349.3000	29.06	3.58	32.64	54.00	-21.36	AVG
2	5349.6000	39.99	3.58	43.57	68.20	-24.63	peak
3	5368.5000	28.80	3.55	32.35	54.00	-21.65	AVG
4	5368.8000	41.48	3.54	45.02	74.00	-28.98	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ac20 (5180MHz)



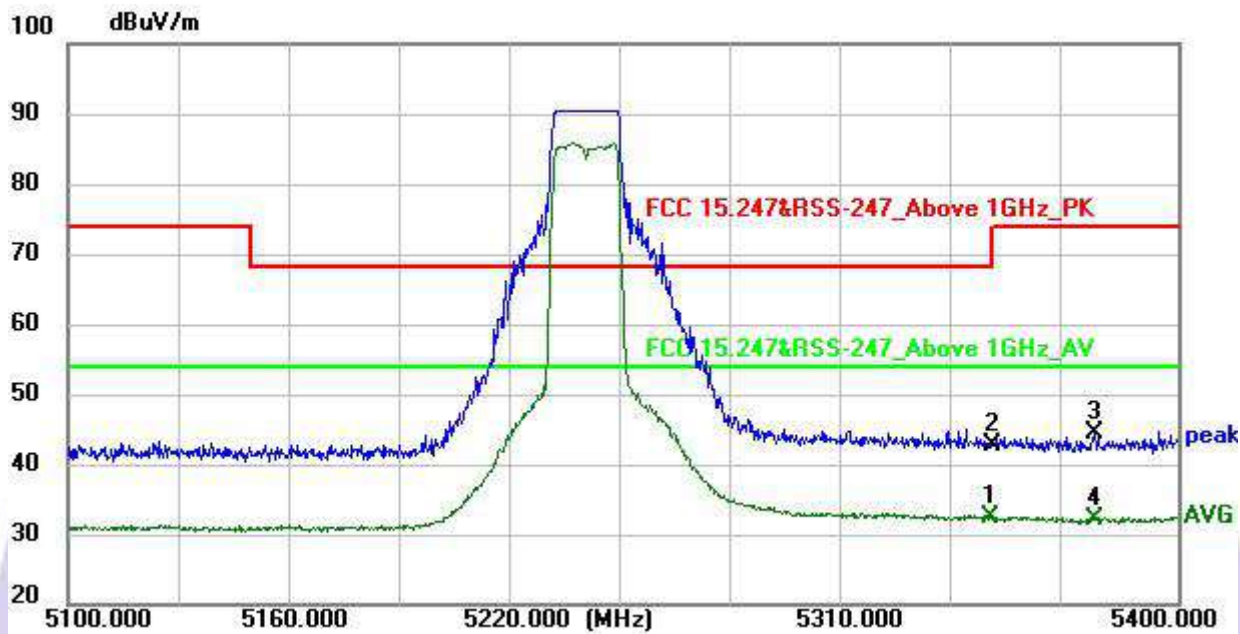
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5136.9000	40.60	3.71	44.31	74.00	-29.69	peak
2	5136.9000	27.89	3.71	31.60	54.00	-22.40	AVG
3	5150.0000	45.30	3.70	49.00	68.20	-19.20	peak
4 *	5150.0000	32.66	3.70	36.36	54.00	-17.64	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ac20 (5180MHz)



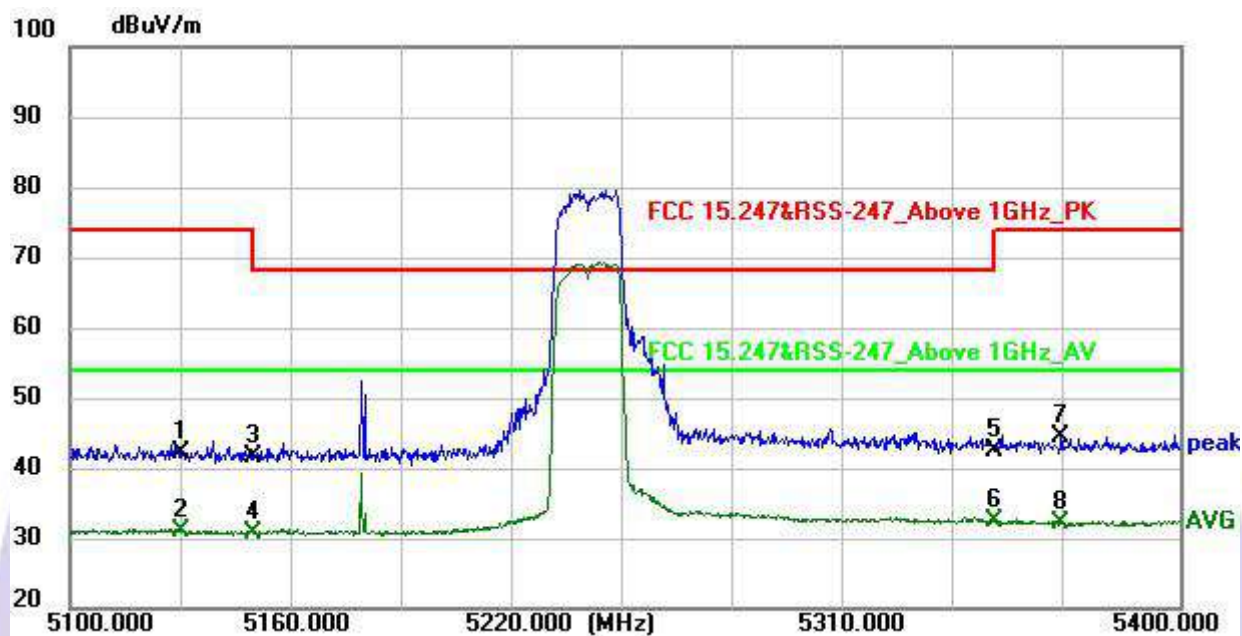
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5137.2000	38.45	3.71	42.16	74.00	-31.84	peak
2	5137.2000	27.31	3.71	31.02	54.00	-22.98	AVG
3	5150.0000	41.33	3.70	45.03	68.20	-23.17	peak
4 *	5150.0000	29.30	3.70	33.00	54.00	-21.00	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ac20 (5240MHz)



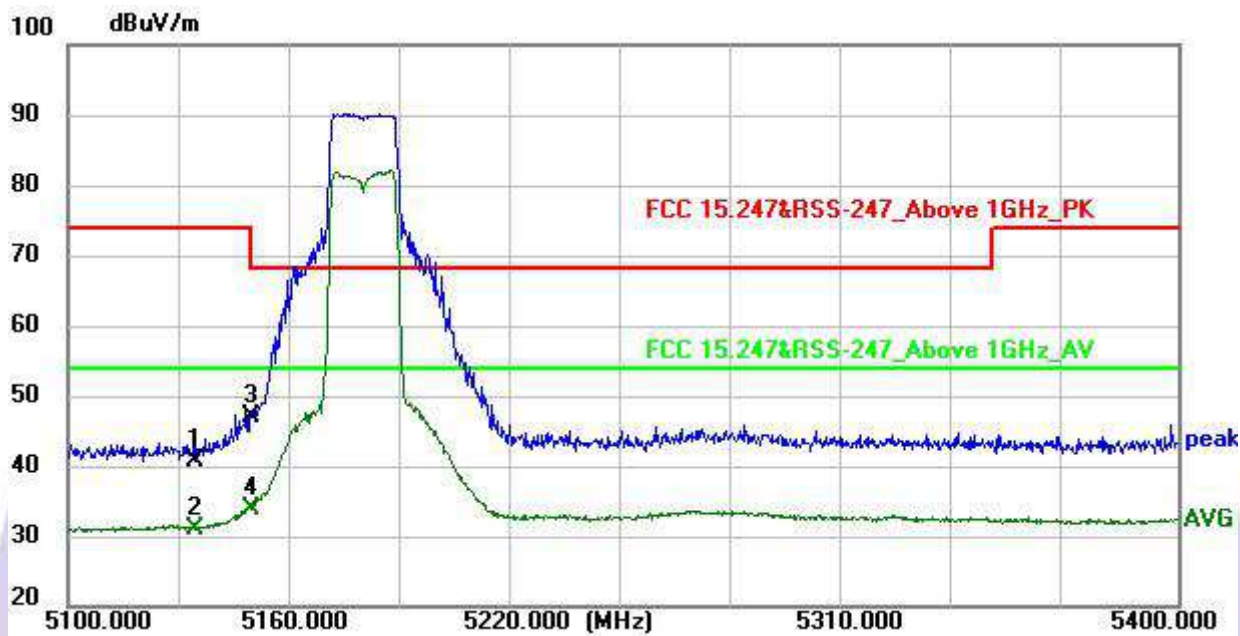
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5349.6000	28.88	3.58	32.46	54.00	-21.54	AVG
2	5349.9000	39.01	3.58	42.59	68.20	-25.61	peak
3	5377.5000	40.81	3.53	44.34	74.00	-29.66	peak
4	5377.5000	28.73	3.53	32.26	54.00	-21.74	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ac20 (5240MHz)



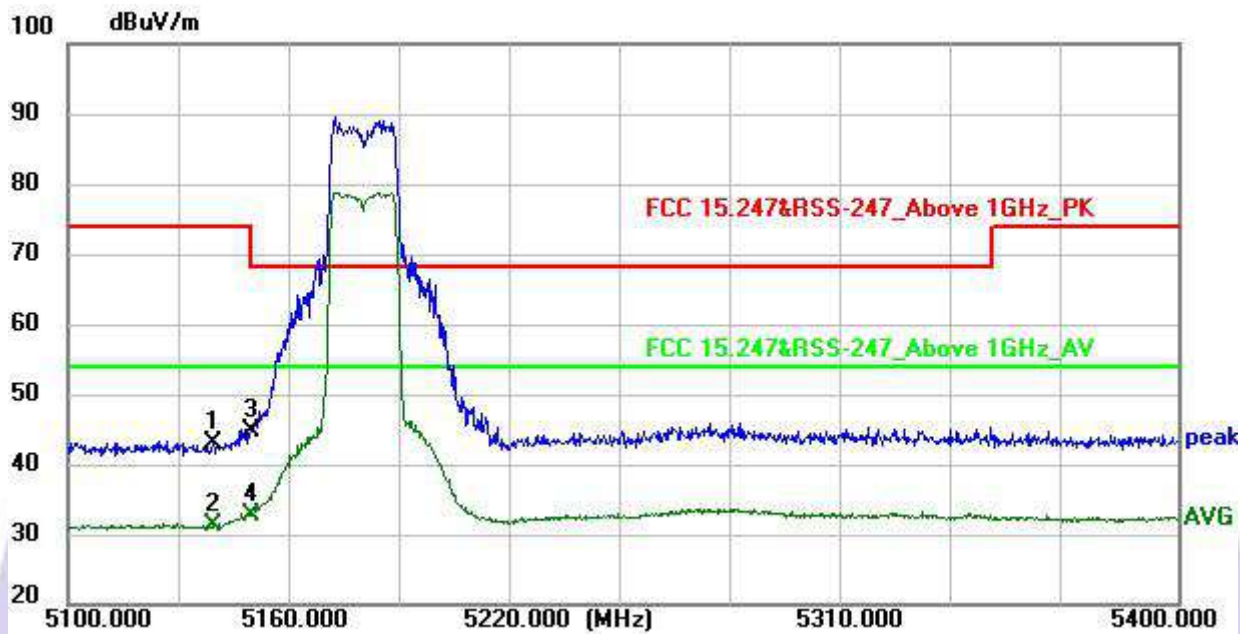
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5130.0000	38.57	3.71	42.28	74.00	-31.72	peak
2	5130.0000	27.16	3.71	30.87	54.00	-23.13	AVG
3	5150.0000	37.87	3.70	41.57	68.20	-26.63	peak
4	5150.0000	27.10	3.70	30.80	54.00	-23.20	AVG
5	5349.9000	38.75	3.58	42.33	68.20	-25.87	peak
6 *	5349.9000	28.88	3.58	32.46	54.00	-21.54	AVG
7	5367.9000	40.95	3.55	44.50	74.00	-29.50	peak
8	5367.9000	28.62	3.55	32.17	54.00	-21.83	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ax20 (5180MHz)



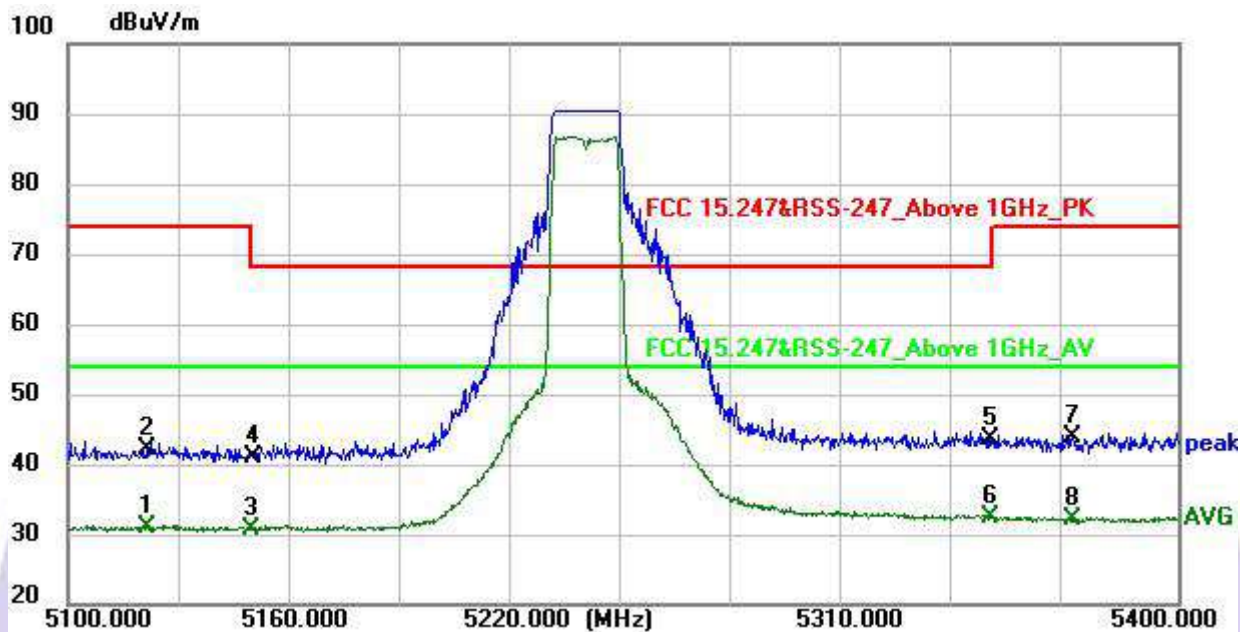
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5134.2000	37.02	3.70	40.72	74.00	-33.28	peak
2	5134.2000	27.33	3.70	31.03	54.00	-22.97	AVG
3	5150.0000	43.17	3.70	46.87	68.20	-21.33	peak
4 *	5150.0000	30.29	3.70	33.99	54.00	-20.01	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ax20 (5180MHz)



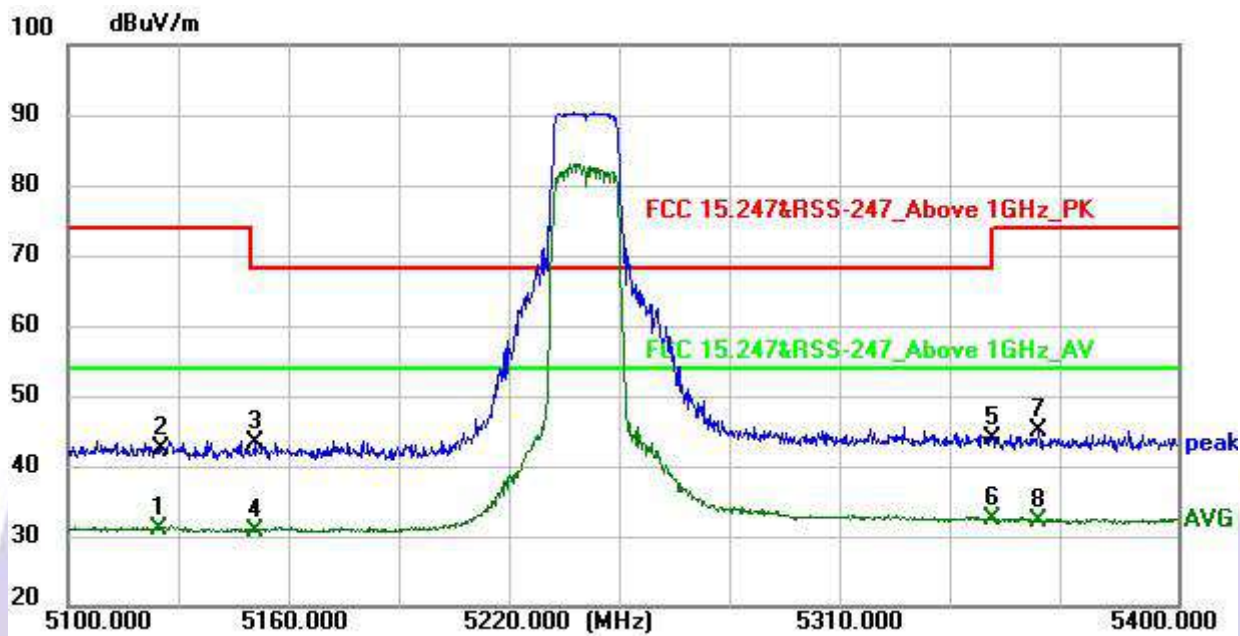
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5139.0000	39.40	3.70	43.10	74.00	-30.90	peak
2	5139.0000	27.53	3.70	31.23	54.00	-22.77	AVG
3	5150.0000	40.91	3.70	44.61	68.20	-23.59	peak
4 *	5150.0000	29.09	3.70	32.79	54.00	-21.21	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ax20 (5240MHz)



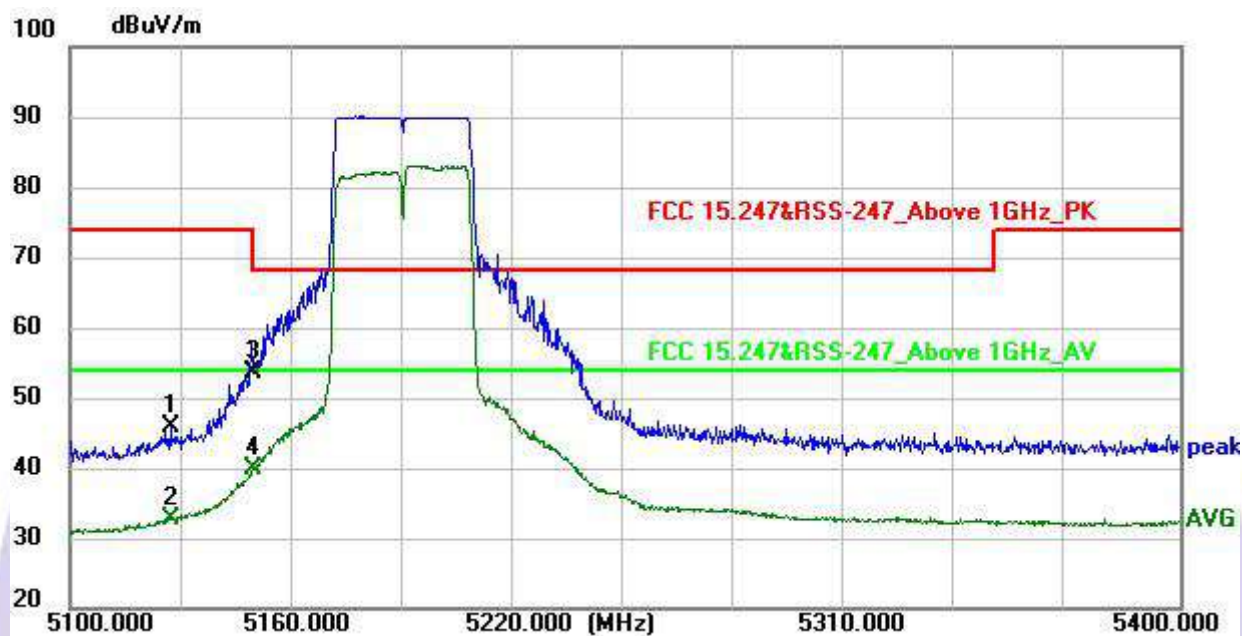
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5121.3000	27.28	3.70	30.98	54.00	-23.02	AVG
2	5121.6000	38.50	3.70	42.20	74.00	-31.80	peak
3	5149.8000	27.00	3.69	30.69	54.00	-23.31	AVG
4	5150.1000	37.31	3.70	41.01	68.20	-27.19	peak
5	5349.6000	39.85	3.58	43.43	68.20	-24.77	peak
6 *	5349.6000	28.74	3.58	32.32	54.00	-21.68	AVG
7	5371.8000	40.21	3.54	43.75	74.00	-30.25	peak
8	5371.8000	28.53	3.54	32.07	54.00	-21.93	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ax20 (5240MHz)



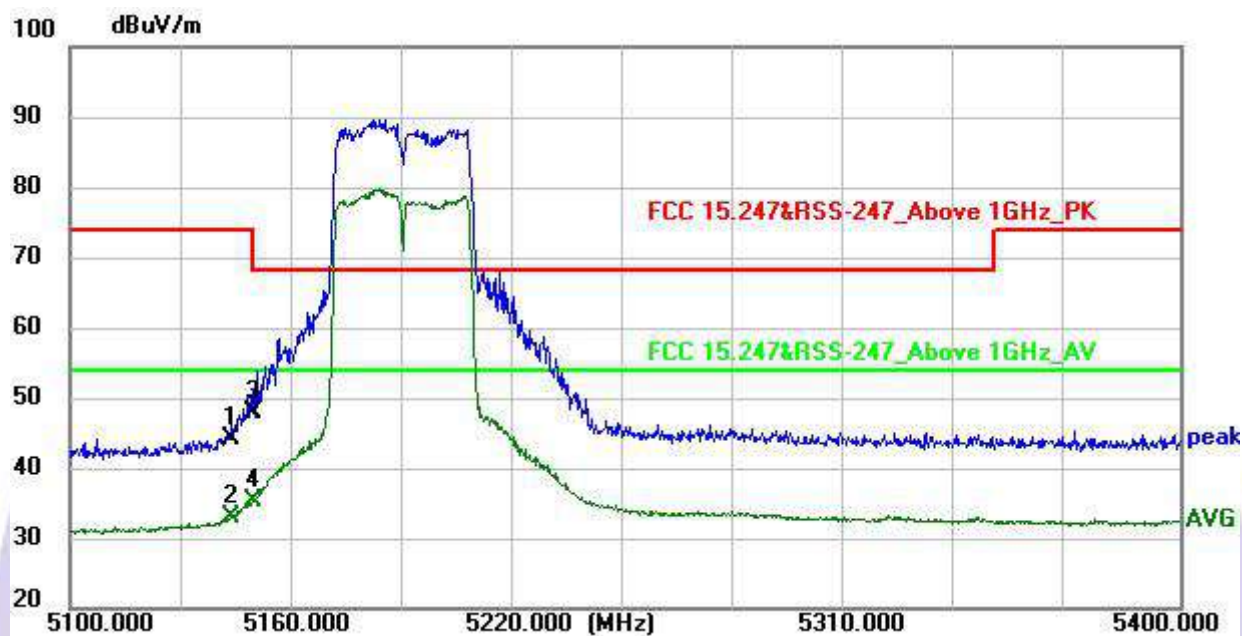
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5124.9000	27.32	3.70	31.02	54.00	-22.98	AVG
2	5125.2000	38.61	3.70	42.31	74.00	-31.69	peak
3	5150.4000	39.50	3.70	43.20	68.20	-25.00	peak
4	5150.4000	27.10	3.70	30.80	54.00	-23.20	AVG
5	5349.9000	40.35	3.58	43.93	68.20	-24.27	peak
6 *	5349.9000	28.71	3.58	32.29	54.00	-21.71	AVG
7	5362.2000	41.34	3.56	44.90	74.00	-29.10	peak
8	5362.2000	28.69	3.56	32.25	54.00	-21.75	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 n40 (5190MHz)



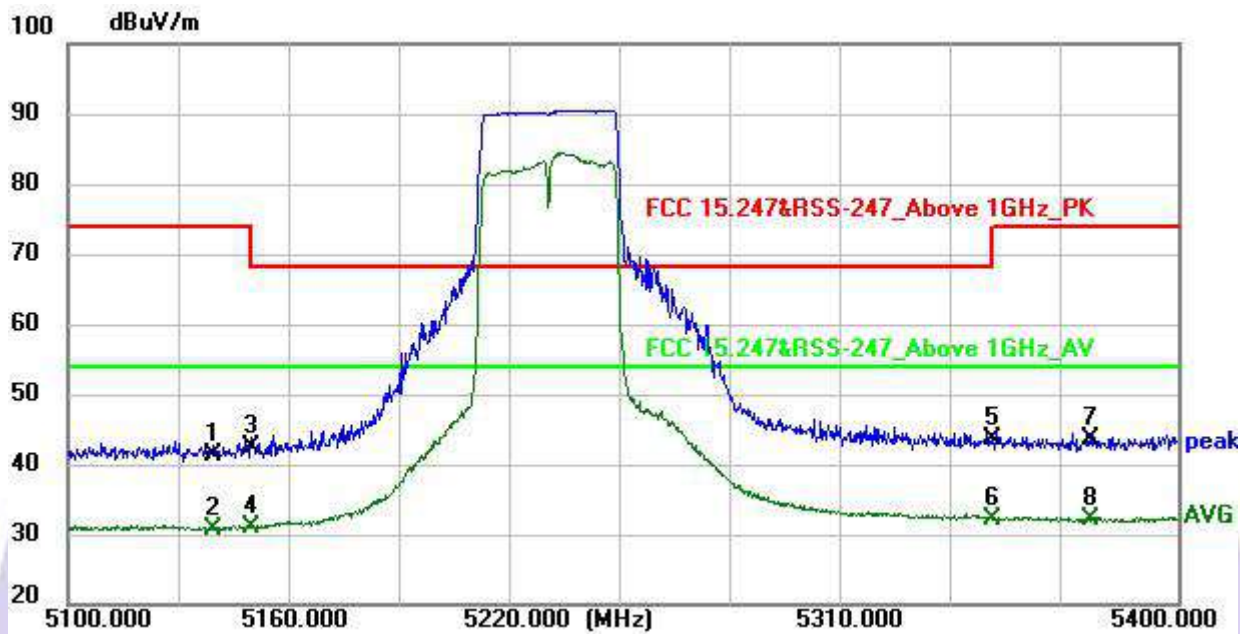
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5127.3000	42.07	3.70	45.77	74.00	-28.23	peak
2	5127.3000	28.91	3.70	32.61	54.00	-21.39	AVG
3	5150.0000	49.93	3.70	53.63	68.20	-14.57	peak
4 *	5150.0000	36.08	3.70	39.78	54.00	-14.22	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 n40 (5190MHz)



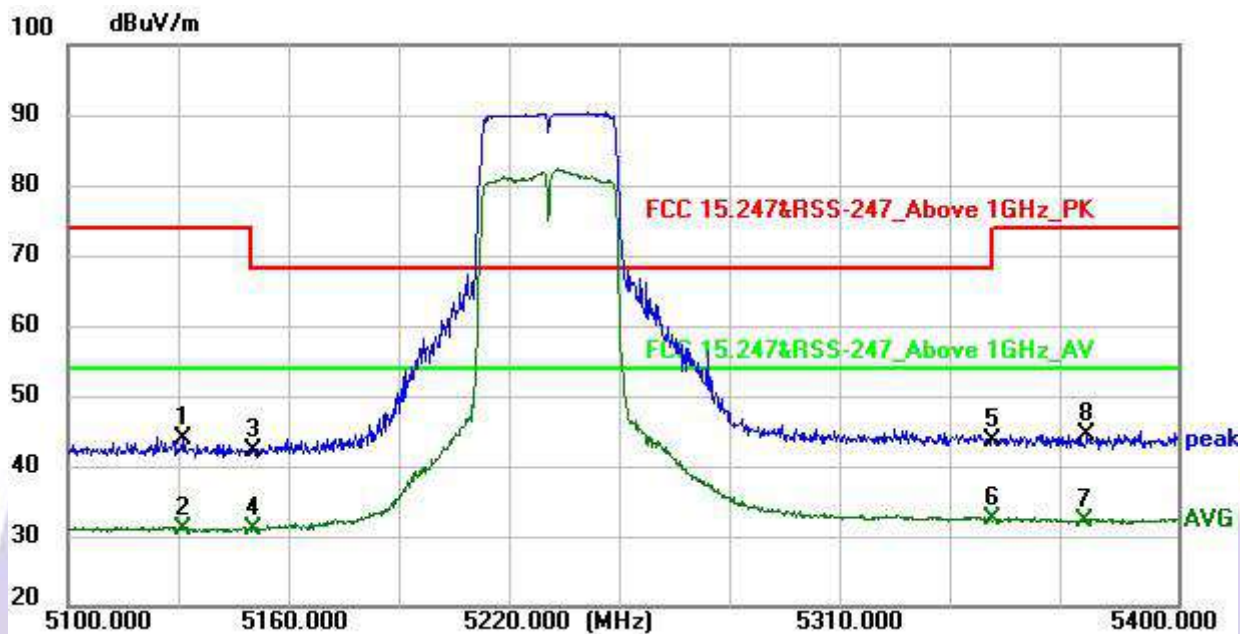
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5143.5000	40.35	3.70	44.05	74.00	-29.95	peak
2	5143.5000	29.19	3.70	32.89	54.00	-21.11	AVG
3	5150.0000	44.04	3.70	47.74	68.20	-20.46	peak
4 *	5150.0000	31.58	3.70	35.28	54.00	-18.72	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 n40 (5230MHz)



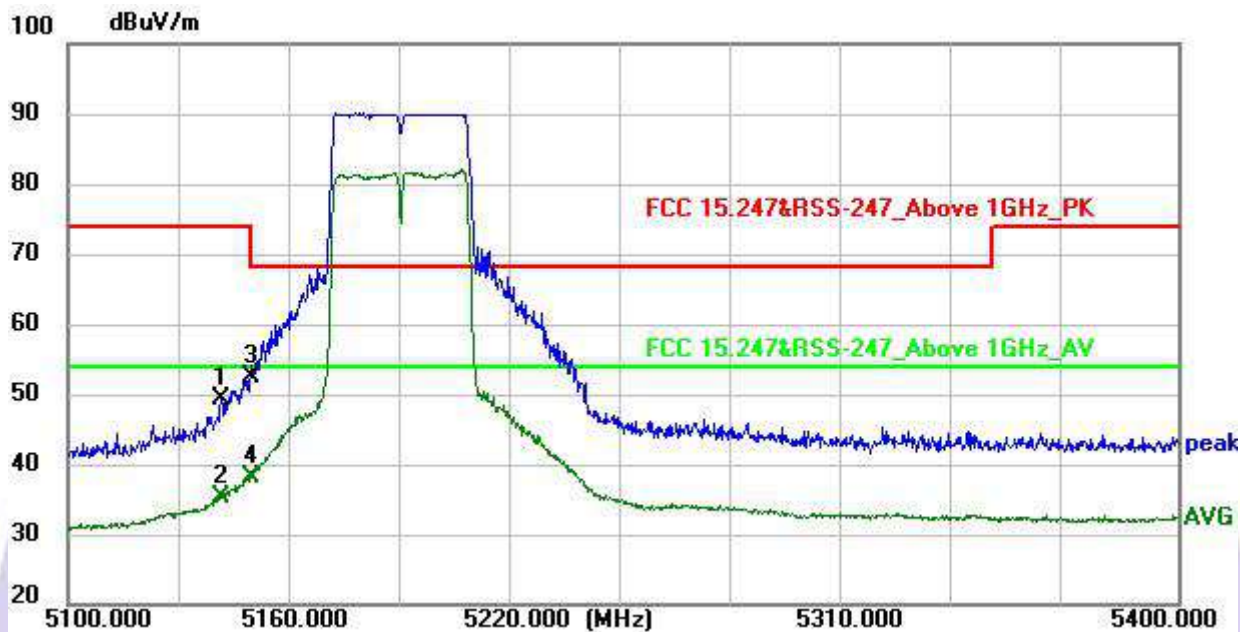
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5139.0000	37.45	3.70	41.15	74.00	-32.85	peak
2	5139.0000	27.15	3.70	30.85	54.00	-23.15	AVG
3	5149.5000	38.86	3.69	42.55	74.00	-31.45	peak
4	5149.5000	27.36	3.69	31.05	54.00	-22.95	AVG
5	5349.9000	39.87	3.58	43.45	68.20	-24.75	peak
6 *	5349.9000	28.60	3.58	32.18	54.00	-21.82	AVG
7	5376.3000	40.14	3.52	43.66	74.00	-30.34	peak
8	5376.3000	28.53	3.52	32.05	54.00	-21.95	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 n40 (5230MHz)



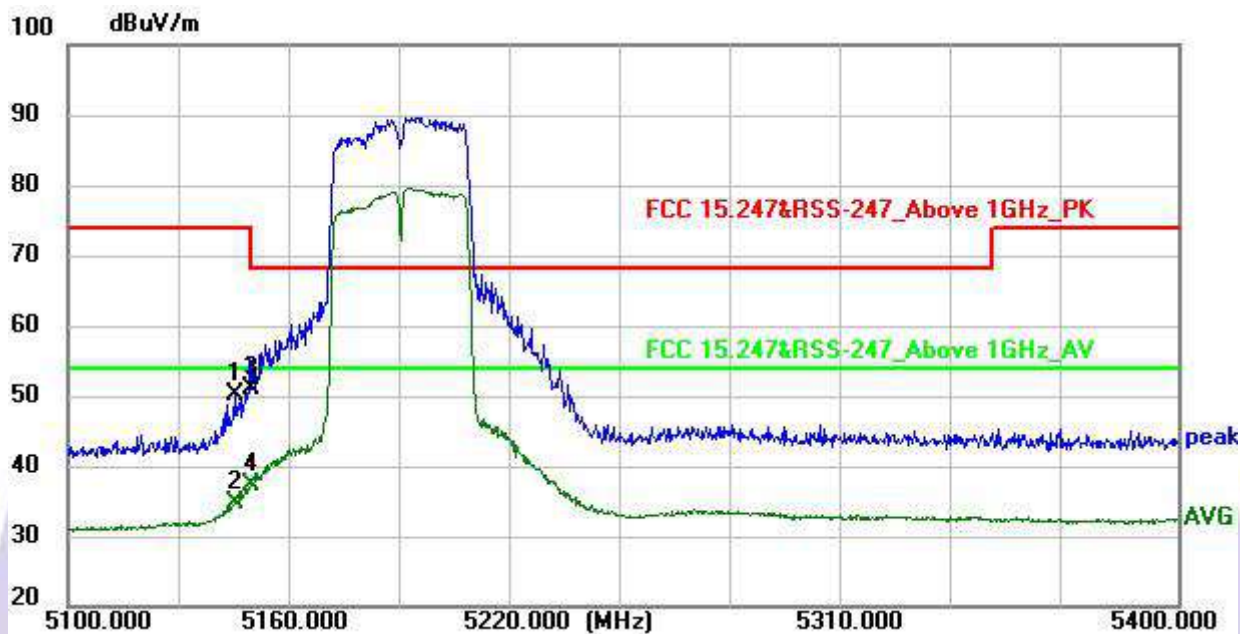
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5130.9000	40.19	3.71	43.90	74.00	-30.10	peak
2	5130.9000	27.29	3.71	31.00	54.00	-23.00	AVG
3	5150.1000	38.46	3.70	42.16	68.20	-26.04	peak
4	5150.1000	27.29	3.70	30.99	54.00	-23.01	AVG
5	5350.0000	39.91	3.59	43.50	68.20	-24.70	peak
6 *	5350.0000	28.91	3.59	32.50	54.00	-21.50	AVG
7	5374.8000	28.62	3.53	32.15	54.00	-21.85	AVG
8	5375.4000	40.93	3.53	44.46	74.00	-29.54	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ac40 (5190MHz)



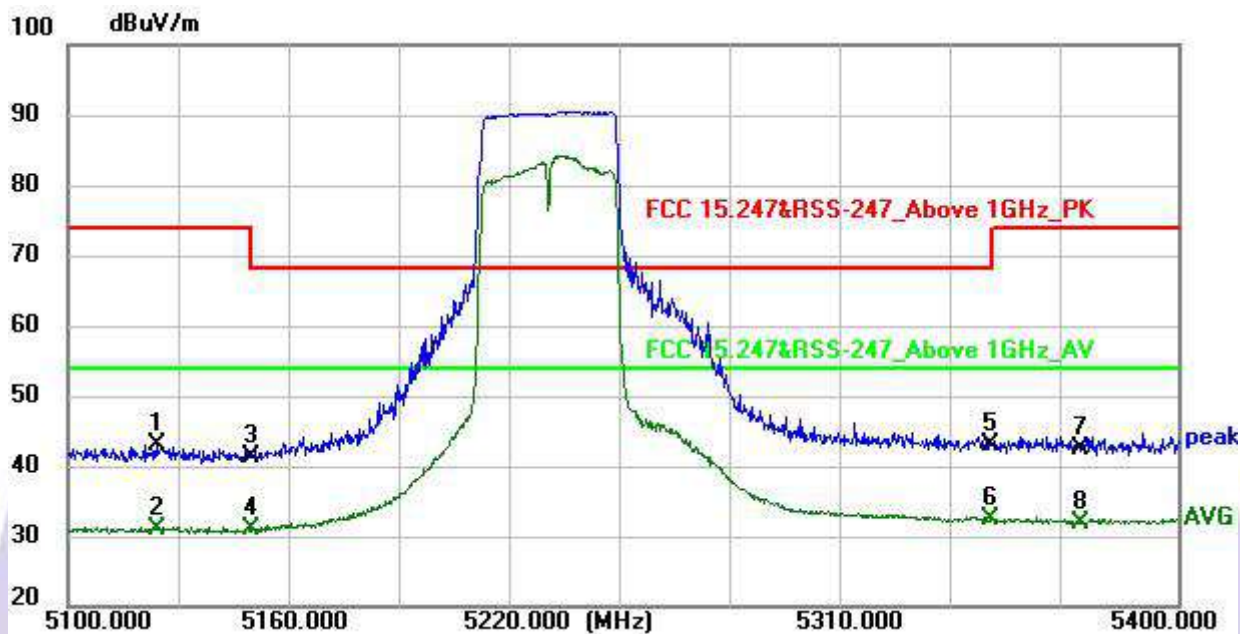
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5141.4000	45.64	3.70	49.34	74.00	-24.66	peak
2	5141.4000	31.57	3.70	35.27	54.00	-18.73	AVG
3 *	5150.0000	48.65	3.70	52.35	68.20	-15.85	peak
4	5150.0000	34.41	3.70	38.11	54.00	-15.89	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ac40 (5190MHz)



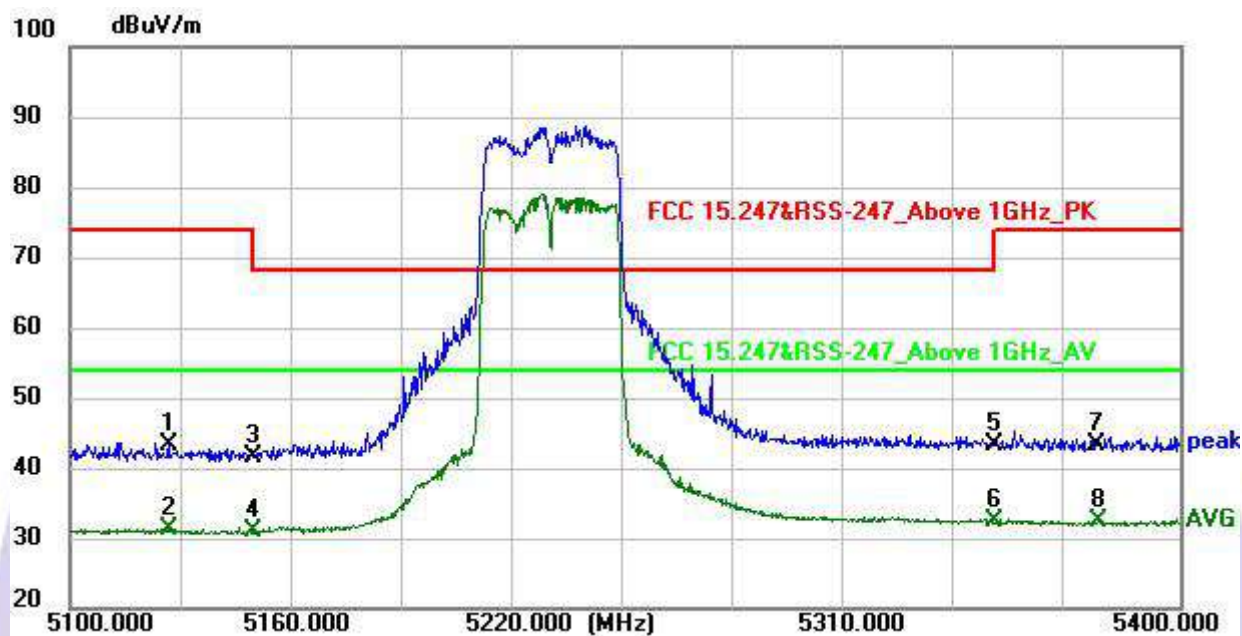
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5145.0000	46.54	3.70	50.24	74.00	-23.76	peak
2	5145.0000	30.99	3.70	34.69	54.00	-19.31	AVG
3	5150.0000	47.16	3.70	50.86	68.20	-17.34	peak
4 *	5150.0000	33.49	3.70	37.19	54.00	-16.81	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ac40 (5230MHz)



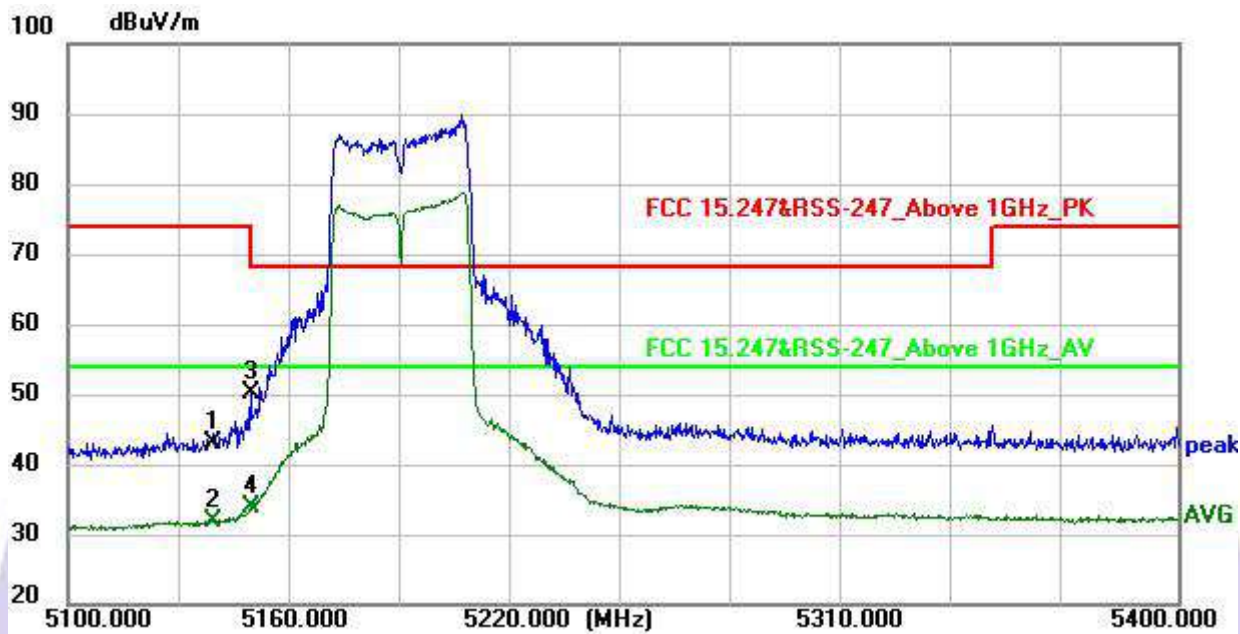
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5124.3000	39.27	3.70	42.97	74.00	-31.03	peak
2	5124.3000	27.35	3.70	31.05	54.00	-22.95	AVG
3	5150.0000	37.70	3.70	41.40	68.20	-26.80	peak
4	5150.0000	27.35	3.70	31.05	54.00	-22.95	AVG
5	5349.6000	39.39	3.58	42.97	68.20	-25.23	peak
6 *	5349.6000	28.76	3.58	32.34	54.00	-21.66	AVG
7	5373.6000	38.90	3.54	42.44	74.00	-31.56	peak
8	5373.9000	28.30	3.53	31.83	54.00	-22.17	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ac40 (5230MHz)



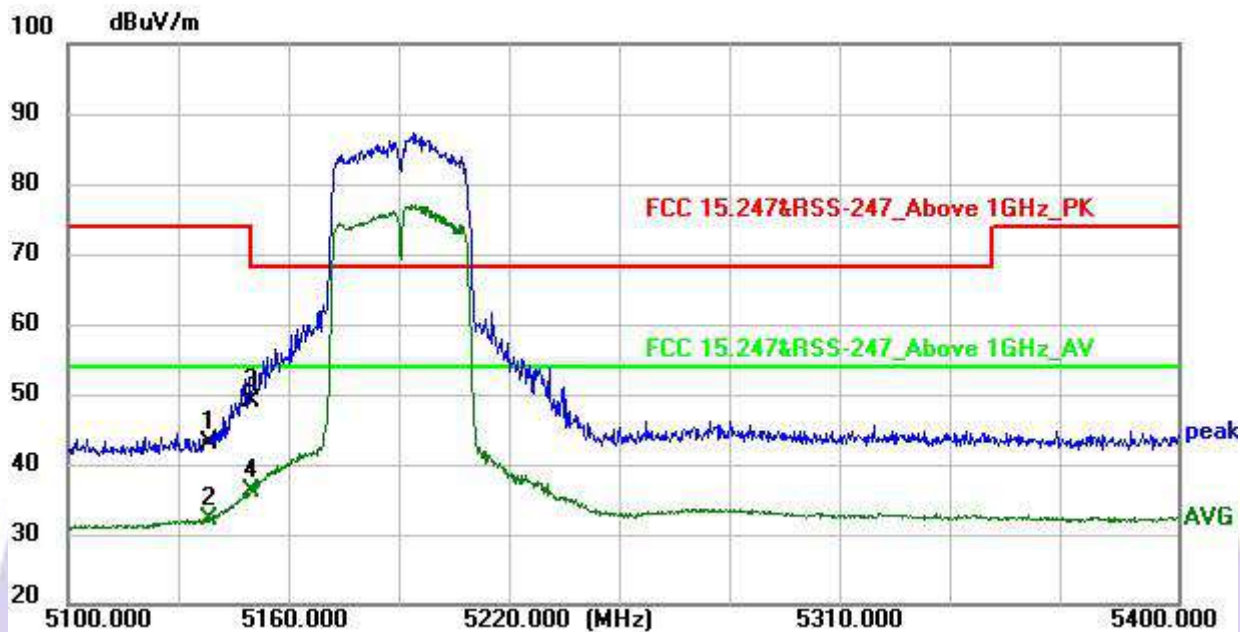
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5126.7000	39.54	3.70	43.24	74.00	-30.76	peak
2	5126.7000	27.46	3.70	31.16	54.00	-22.84	AVG
3	5150.0000	37.85	3.70	41.55	68.20	-26.65	peak
4	5150.0000	27.38	3.70	31.08	54.00	-22.92	AVG
5	5350.0000	39.72	3.59	43.31	68.20	-24.89	peak
6	5350.0000	28.76	3.59	32.35	54.00	-21.65	AVG
7	5377.5000	39.68	3.53	43.21	74.00	-30.79	peak
8 *	5377.8000	28.84	3.53	32.37	54.00	-21.63	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ax40 (5190MHz)



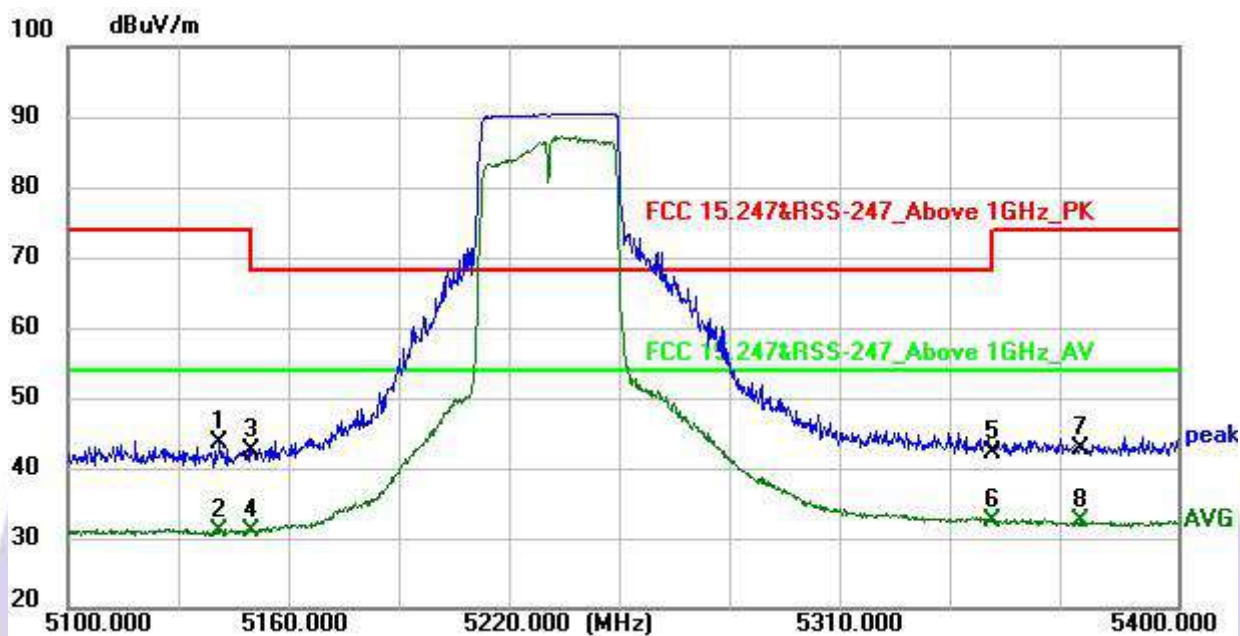
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5139.0000	39.33	3.70	43.03	74.00	-30.97	peak
2	5139.0000	28.29	3.70	31.99	54.00	-22.01	AVG
3 *	5150.0000	46.55	3.70	50.25	68.20	-17.95	peak
4	5150.0000	30.04	3.70	33.74	54.00	-20.26	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ax40 (5190MHz)



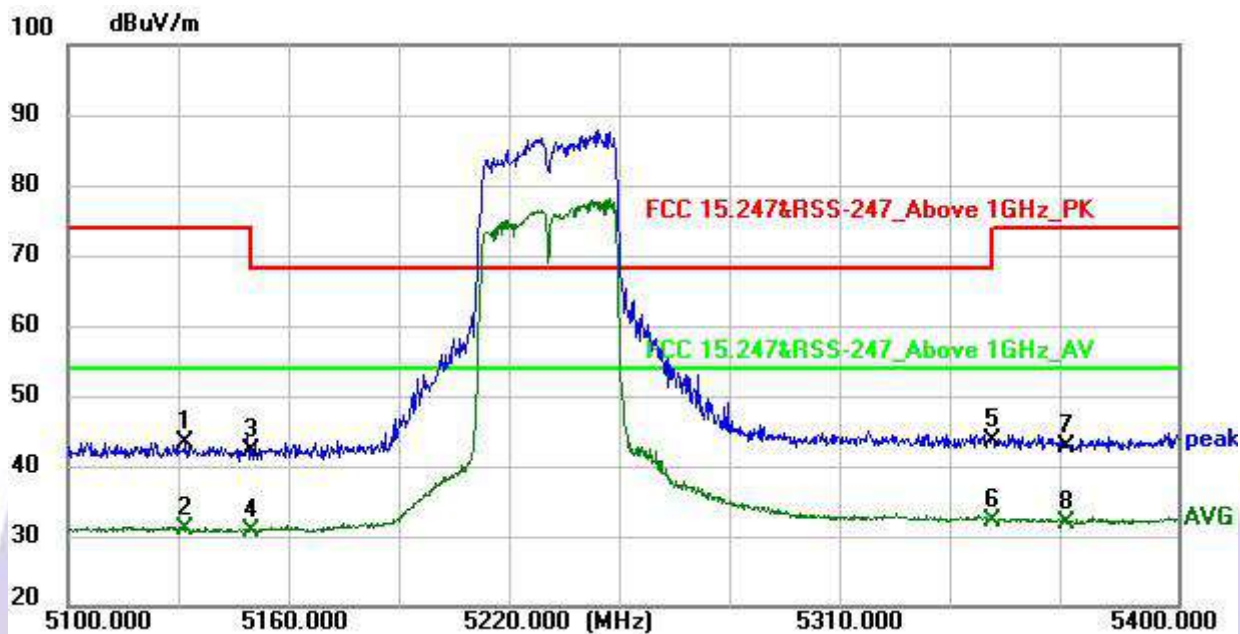
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5138.4000	39.38	3.70	43.08	74.00	-30.92	peak
2	5138.4000	28.43	3.70	32.13	54.00	-21.87	AVG
3	5150.0000	45.34	3.70	49.04	68.20	-19.16	peak
4 *	5150.0000	32.41	3.70	36.11	54.00	-17.89	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ax40 (5230MHz)



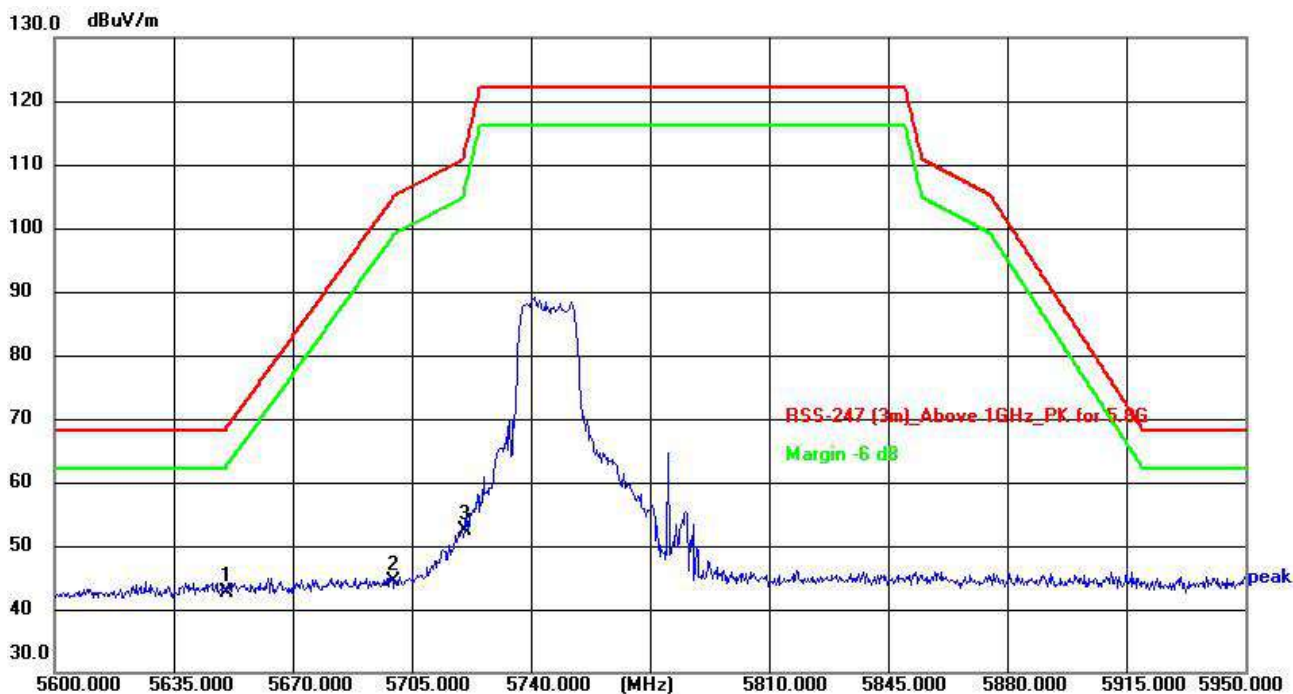
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5140.8000	39.91	3.70	43.61	74.00	-30.39	peak
2	5140.8000	27.27	3.70	30.97	54.00	-23.03	AVG
3	5150.0000	38.71	3.70	42.41	68.20	-25.79	peak
4	5150.0000	27.44	3.70	31.14	54.00	-22.86	AVG
5	5349.9000	38.70	3.58	42.28	68.20	-25.92	peak
6 *	5349.9000	28.75	3.58	32.33	54.00	-21.67	AVG
7	5373.6000	39.26	3.54	42.80	74.00	-31.20	peak
8	5373.6000	28.79	3.54	32.33	54.00	-21.67	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ax40 (5230MHz)



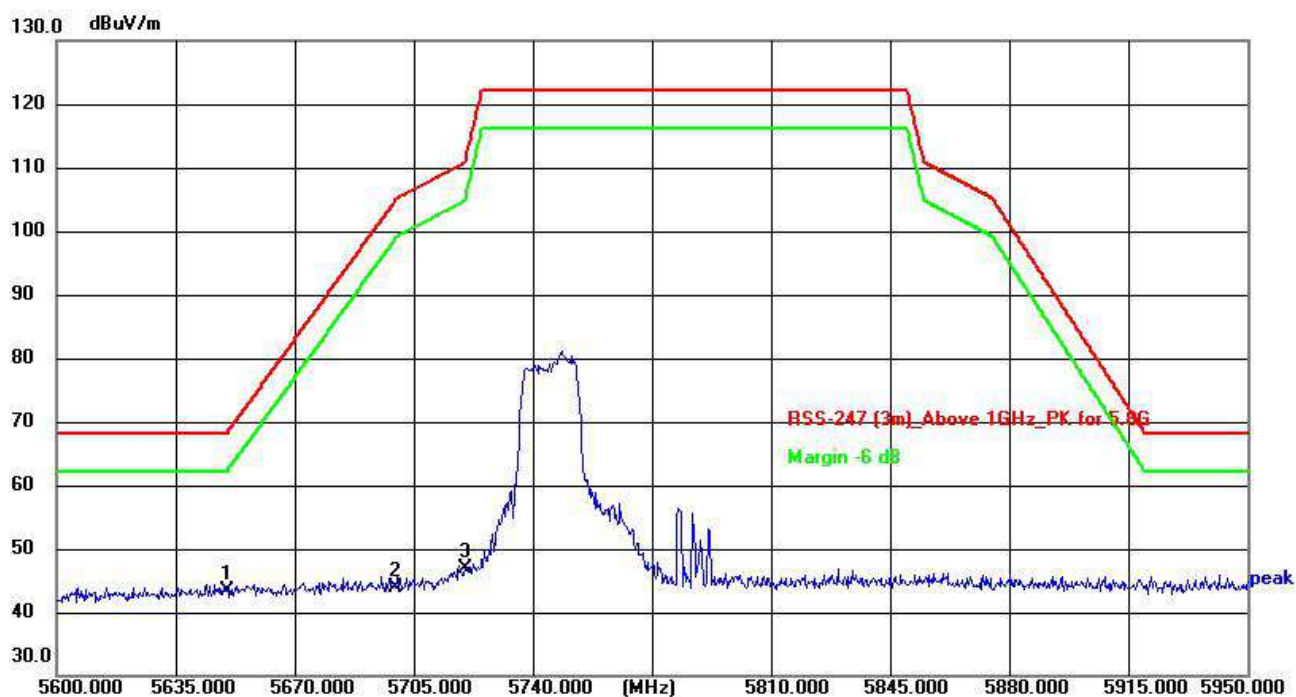
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5131.8000	39.53	3.71	43.24	74.00	-30.76	peak
2	5131.8000	27.16	3.71	30.87	54.00	-23.13	AVG
3	5150.0000	38.53	3.70	42.23	68.20	-25.97	peak
4	5150.0000	26.99	3.70	30.69	54.00	-23.31	AVG
5	5350.0000	39.96	3.59	43.55	68.20	-24.65	peak
6 *	5350.0000	28.57	3.59	32.16	54.00	-21.84	AVG
7	5370.0000	39.07	3.55	42.62	74.00	-31.38	peak
8	5370.0000	28.43	3.55	31.98	54.00	-22.02	AVG

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5745MHz)



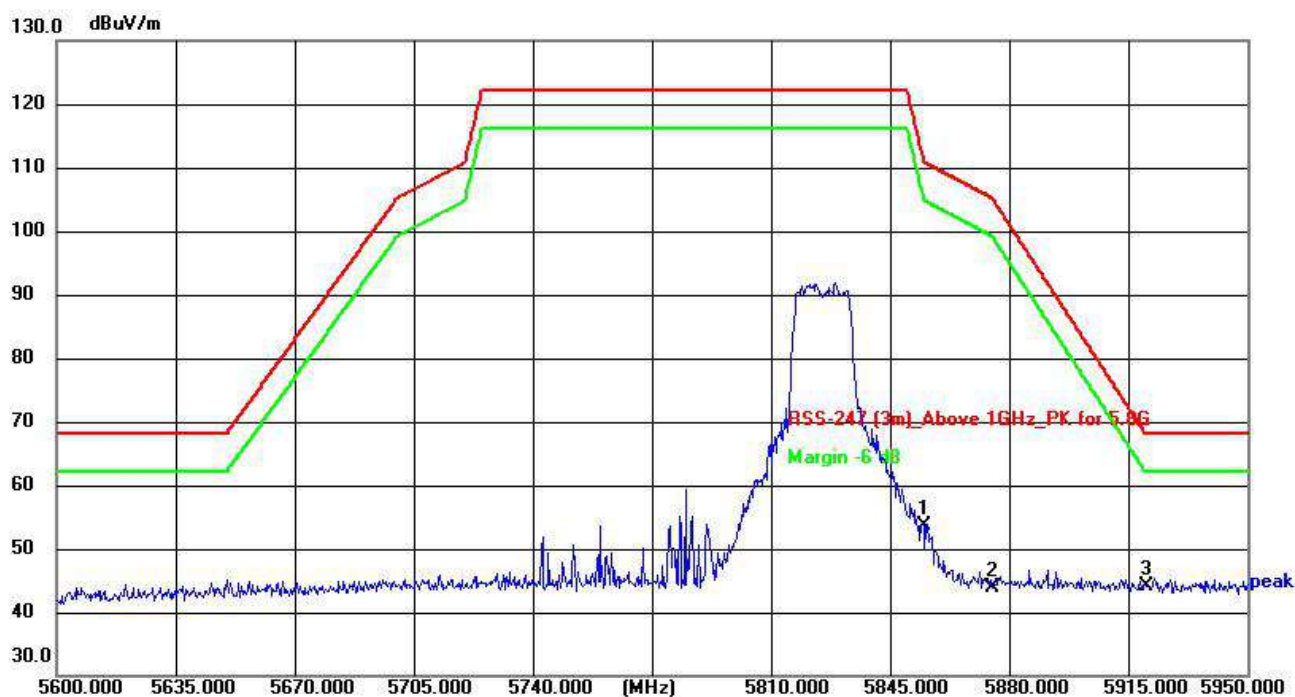
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.400	38.18	4.47	42.65	68.50	-25.85	peak
2	5699.400	39.51	4.96	44.47	104.76	-60.29	peak
3	5720.400	47.26	5.04	52.30	111.71	-59.41	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5745MHz)



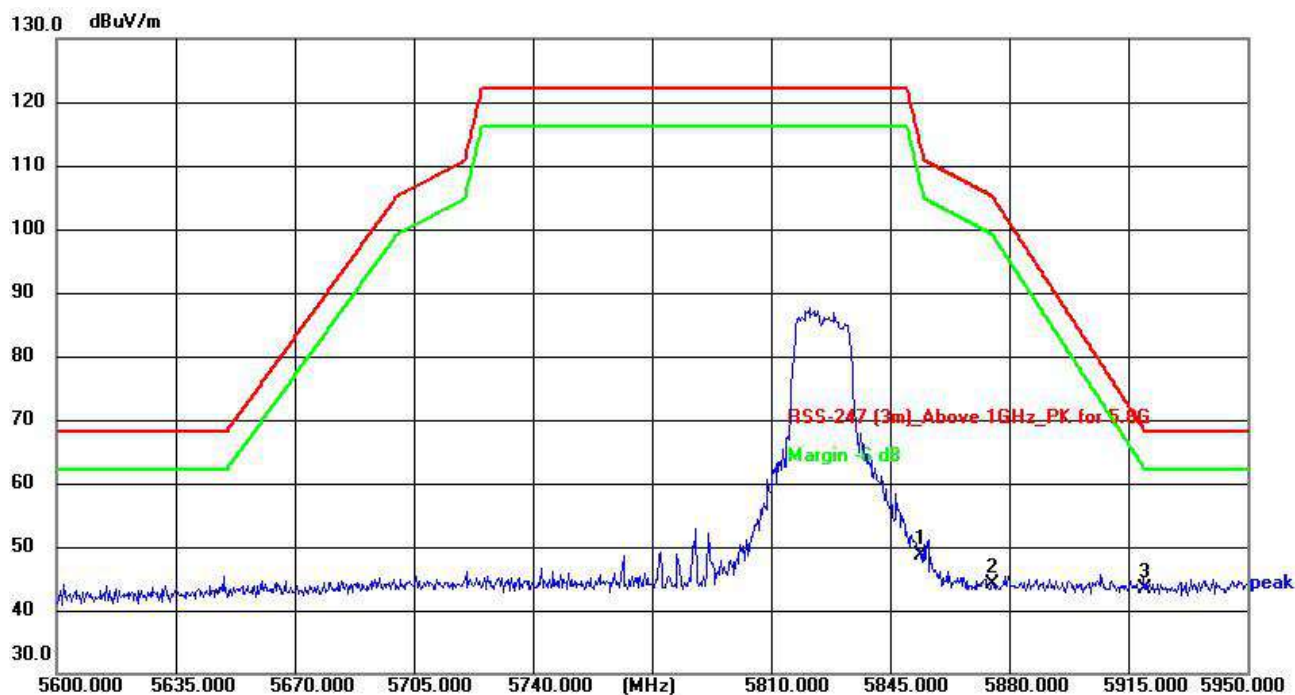
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.050	38.96	4.47	43.43	68.24	-24.81	peak
2	5699.750	38.94	4.96	43.90	105.02	-61.12	peak
3	5720.050	41.72	5.04	46.76	110.91	-64.15	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 a (5825MHz)



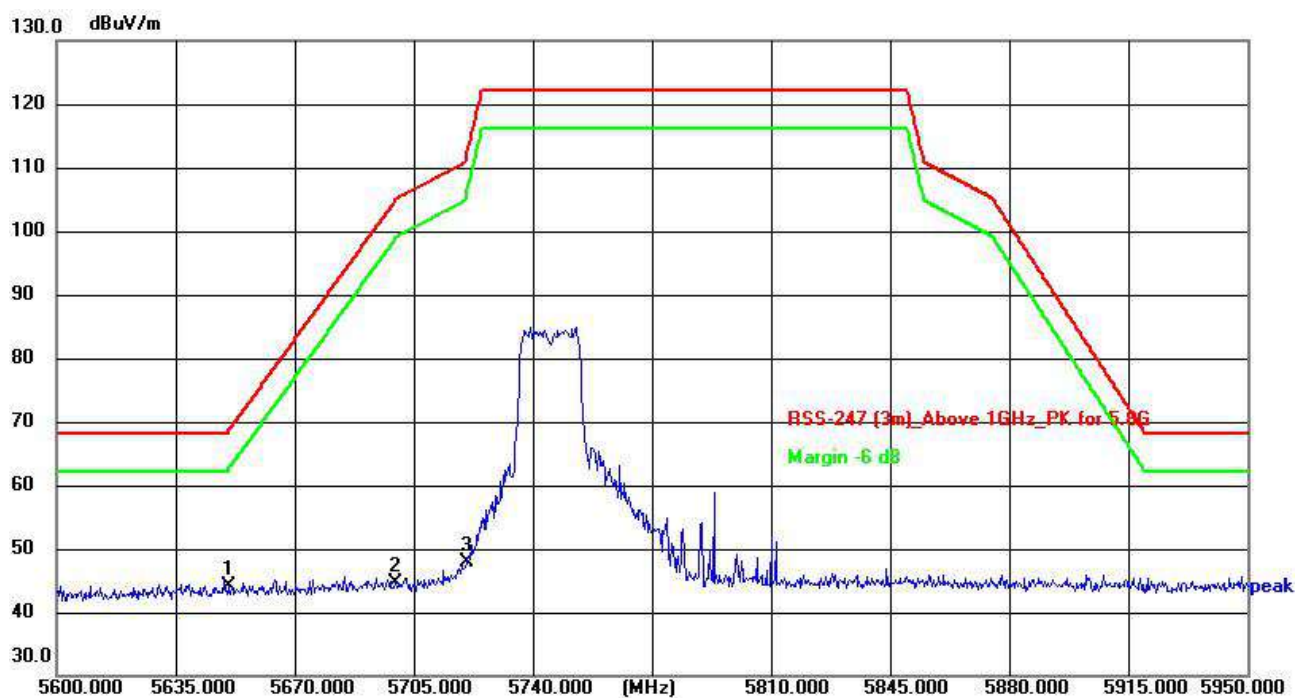
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.800	47.61	5.95	53.56	111.26	-57.70	peak
2	5875.100	37.89	5.95	43.84	105.12	-61.28	peak
3	5920.250	38.10	5.99	44.09	68.20	-24.11	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 a (5825MHz)



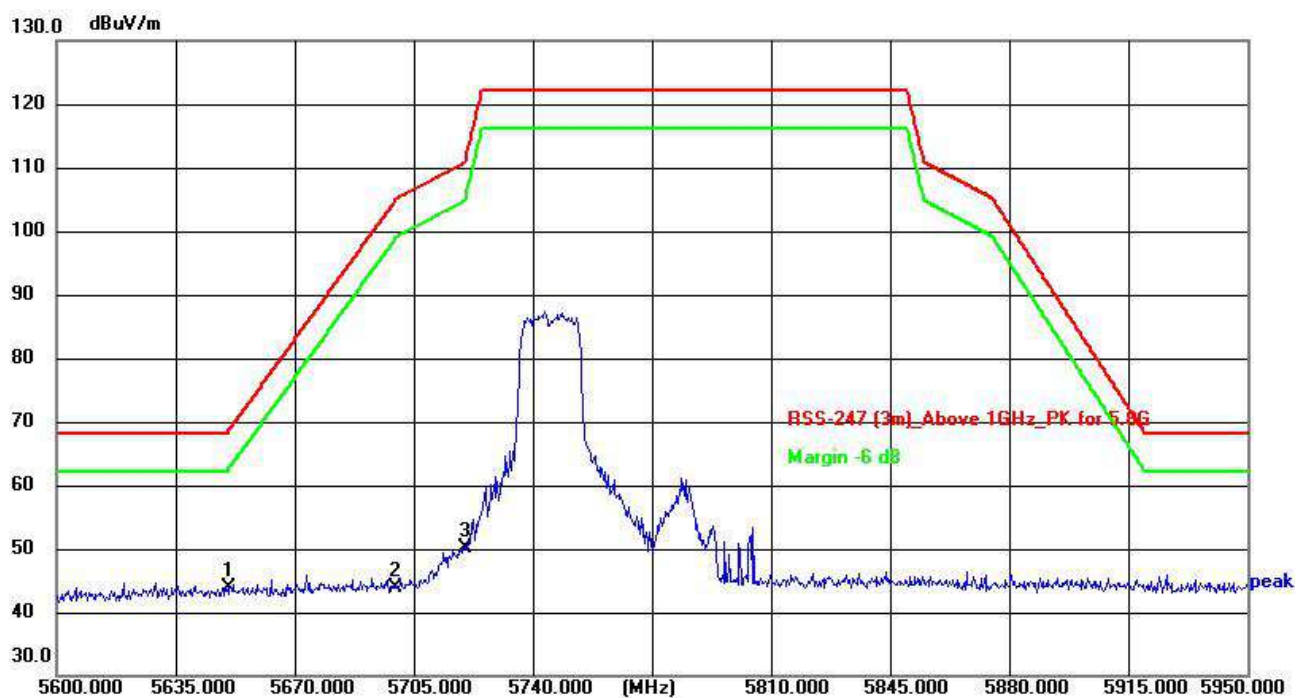
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.100	42.79	5.95	48.74	112.85	-64.11	peak
2	5875.100	38.28	5.95	44.23	105.12	-60.89	peak
3	5919.900	37.51	5.99	43.50	68.28	-24.78	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 n20 (5745MHz)



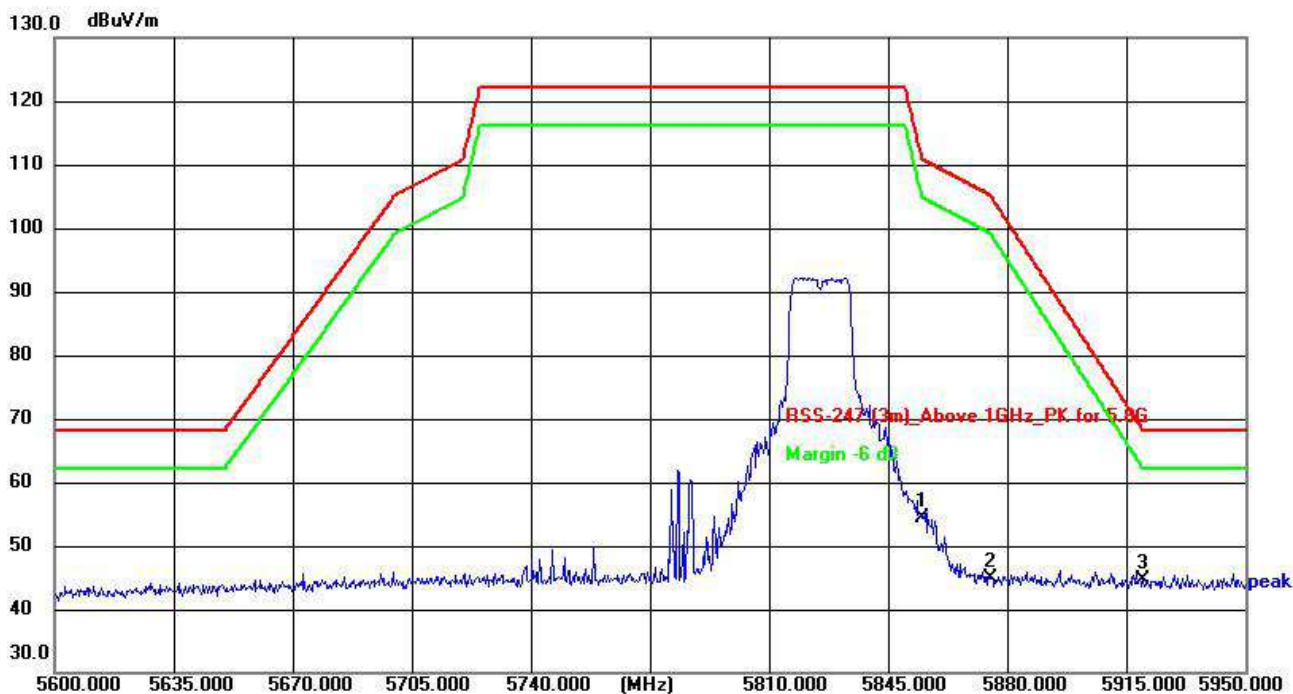
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.400	39.61	4.47	44.08	68.50	-24.42	peak
2	5699.750	39.70	4.96	44.66	105.02	-60.36	peak
3	5720.400	42.79	5.04	47.83	111.71	-63.88	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 n20 (5745MHz)



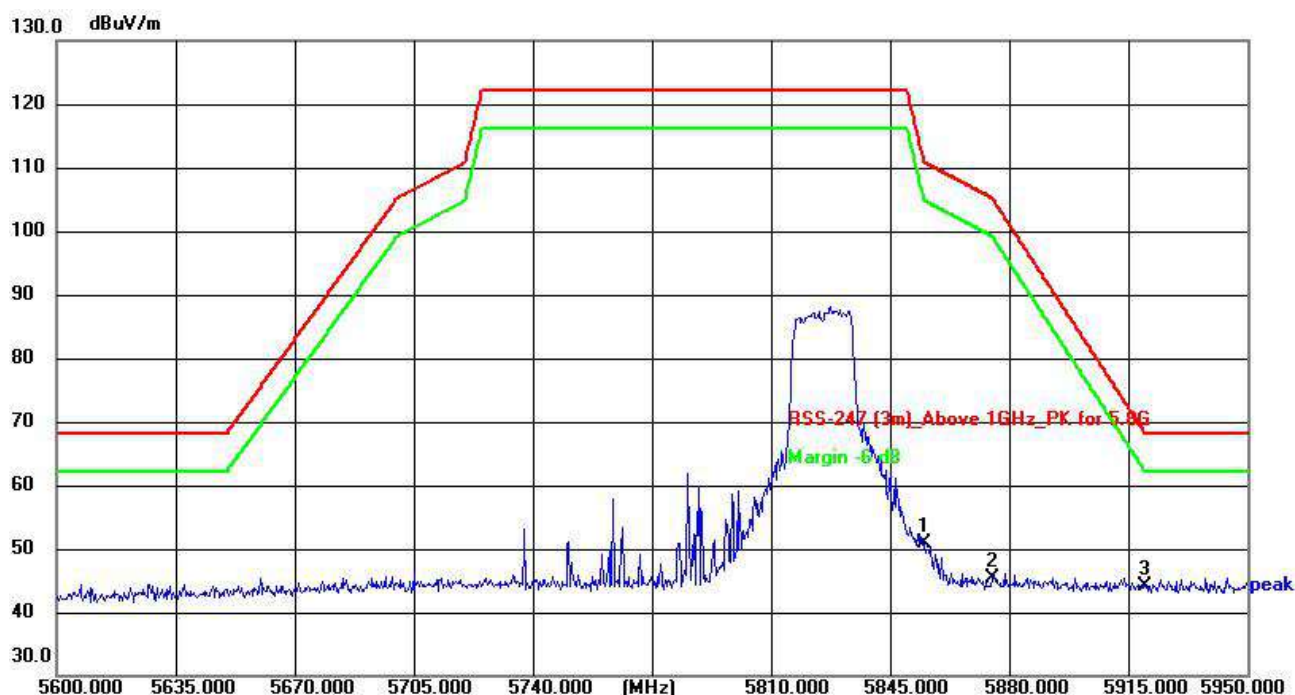
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.750	39.42	4.48	43.90	68.76	-24.86	peak
2	5699.750	38.87	4.96	43.83	105.02	-61.19	peak
3	5720.050	45.09	5.04	50.13	110.91	-60.78	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 n20 (5825MHz)



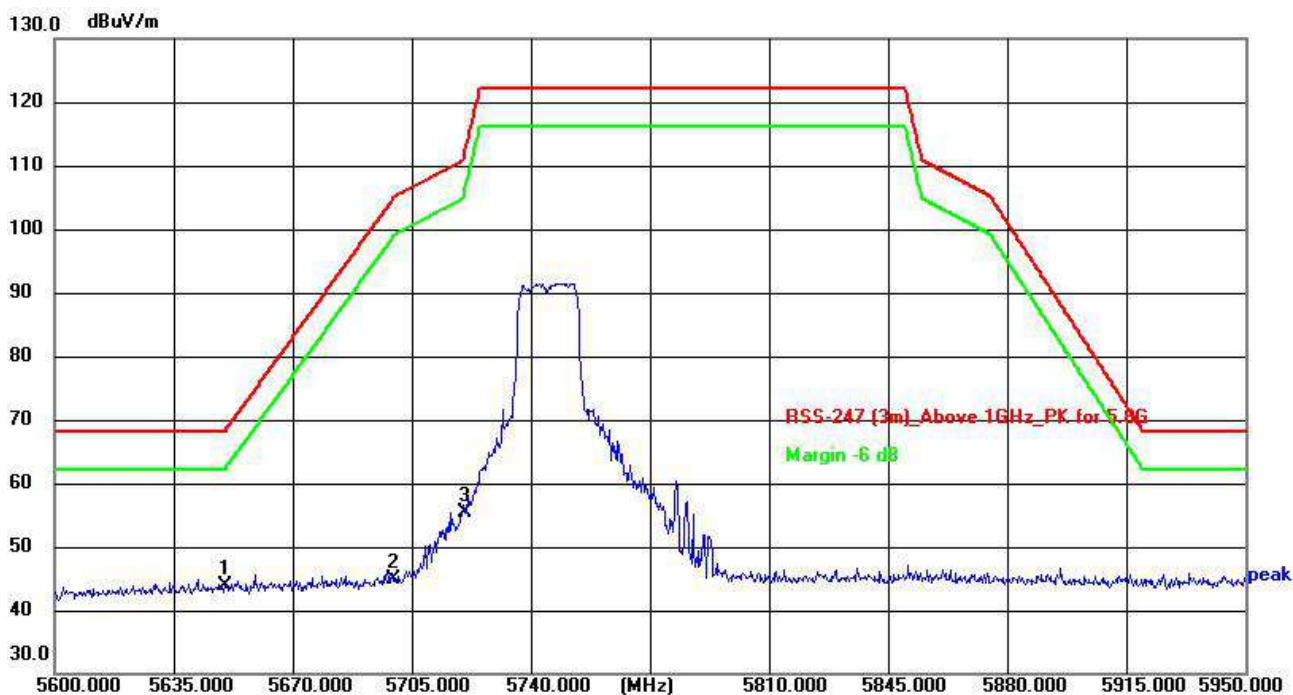
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.800	48.50	5.95	54.45	111.26	-56.81	peak
2	5875.100	39.04	5.95	44.99	105.12	-60.13	peak
3	5919.900	38.56	5.99	44.55	68.28	-23.73	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 n20 (5825MHz)



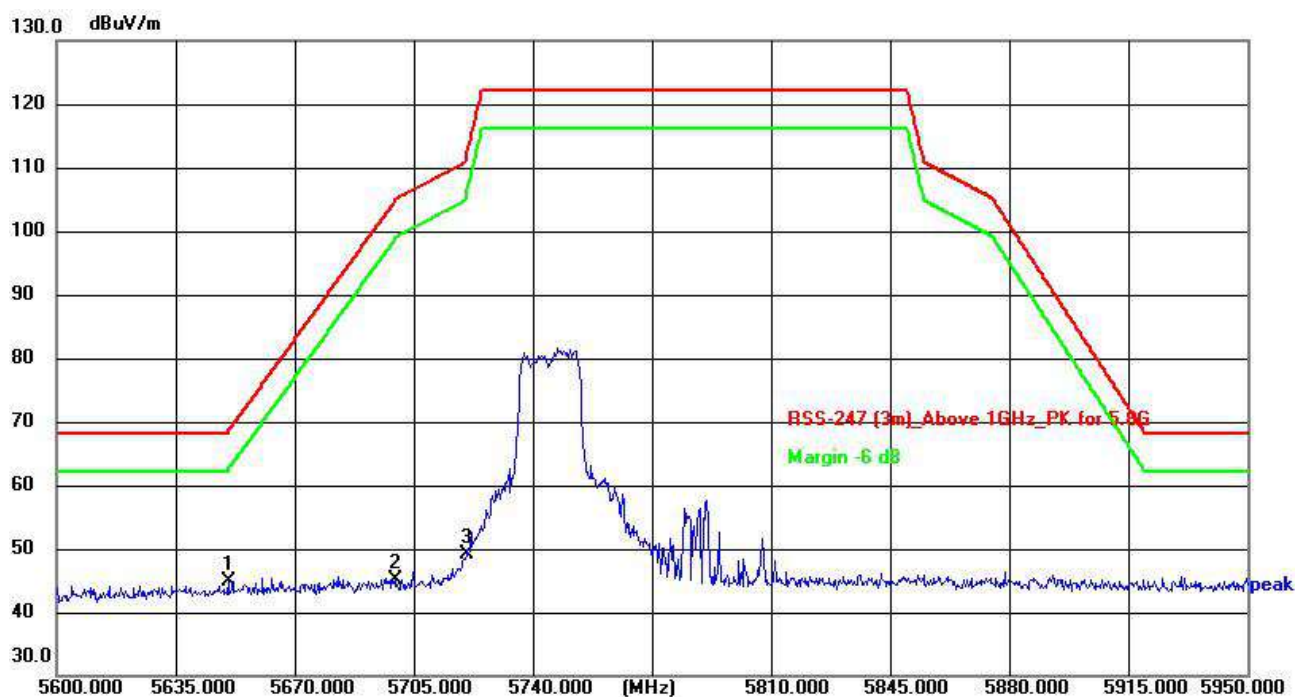
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5855.150	44.92	5.95	50.87	110.76	-59.89	peak
2	5875.100	39.38	5.95	45.33	105.12	-59.79	peak
3	5919.900	38.21	5.99	44.20	68.28	-24.08	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ac20 (5745MHz)



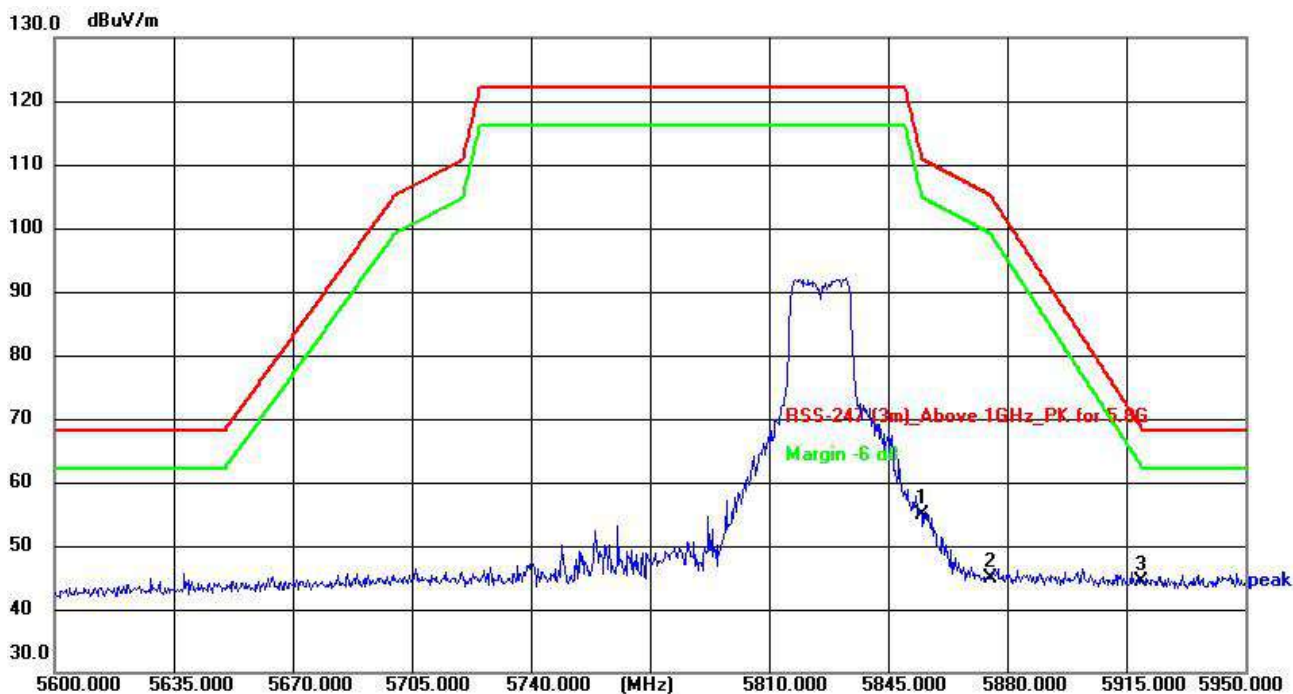
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.050	39.47	4.47	43.94	68.24	-24.30	peak
2	5699.400	39.86	4.96	44.82	104.76	-59.94	peak
3	5720.400	50.30	5.04	55.34	111.71	-56.37	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ac20 (5745MHz)



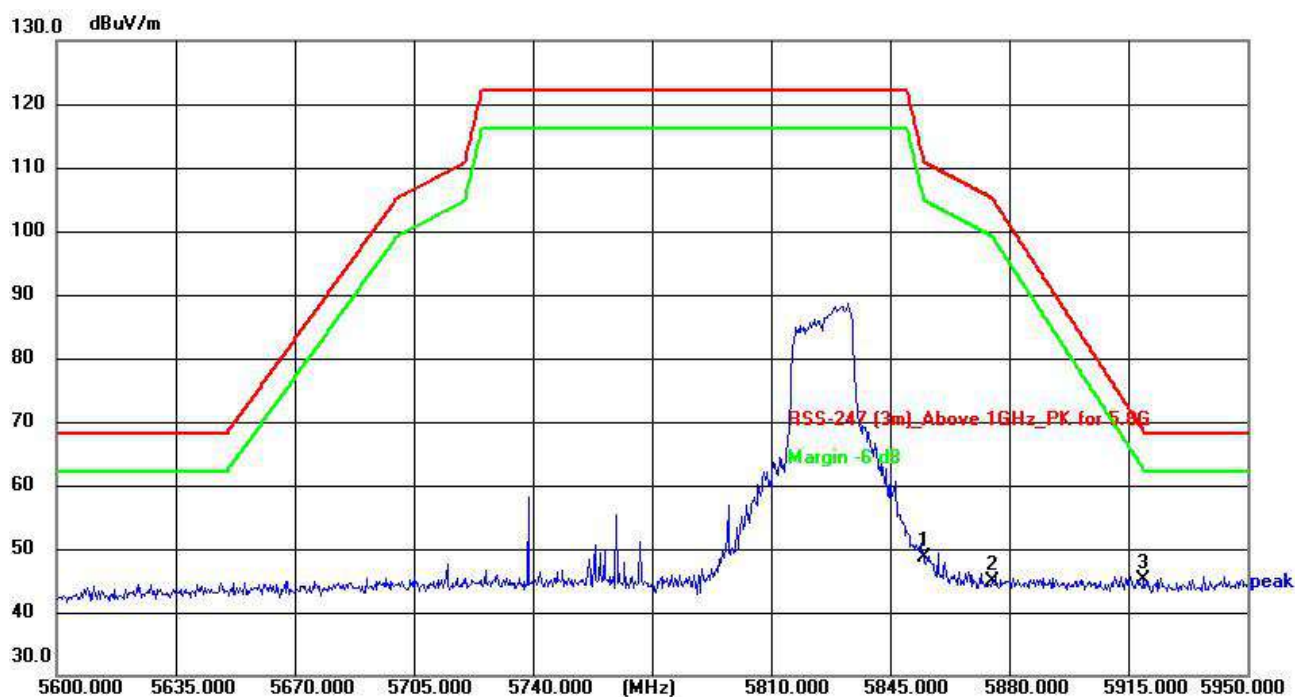
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.400	40.32	4.47	44.79	68.50	-23.71	peak
2	5699.400	40.07	4.96	45.03	104.76	-59.73	peak
3	5720.400	43.98	5.04	49.02	111.71	-62.69	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ac20 (5825MHz)



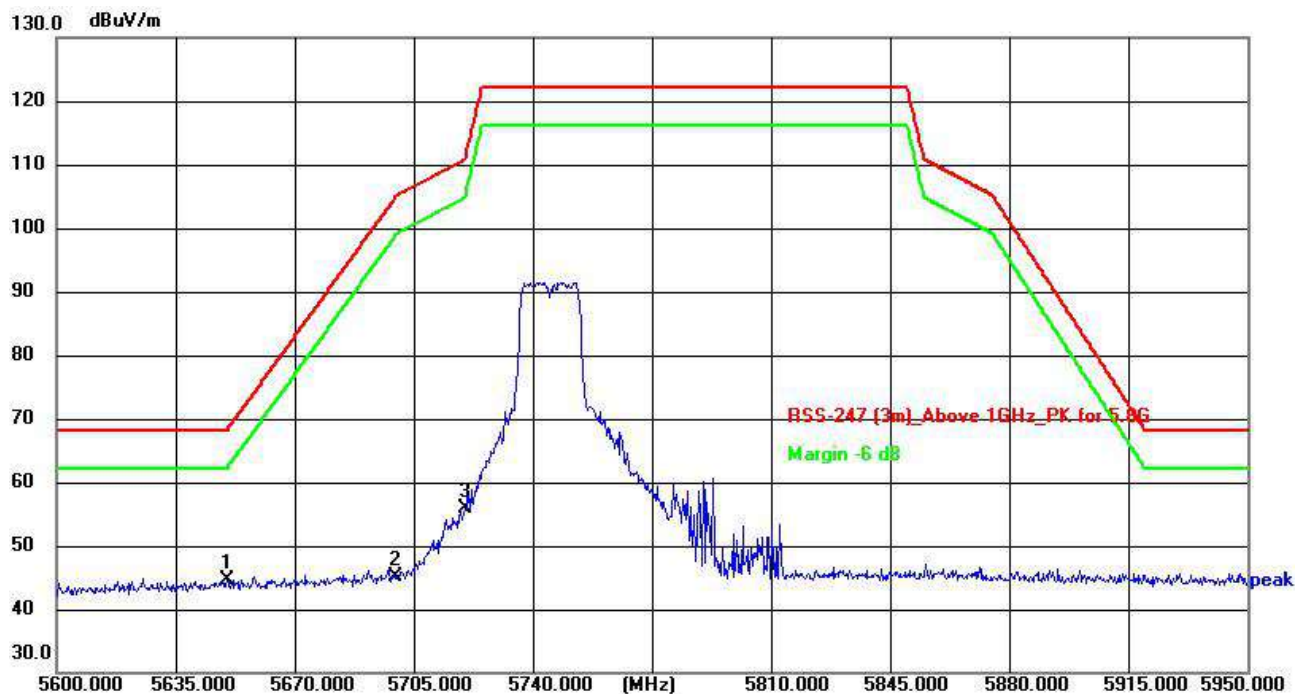
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.800	48.99	5.95	54.94	111.26	-56.32	peak
2	5875.100	39.02	5.95	44.97	105.12	-60.15	peak
3	5919.550	38.32	5.99	44.31	68.57	-24.26	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ac20 (5825MHz)



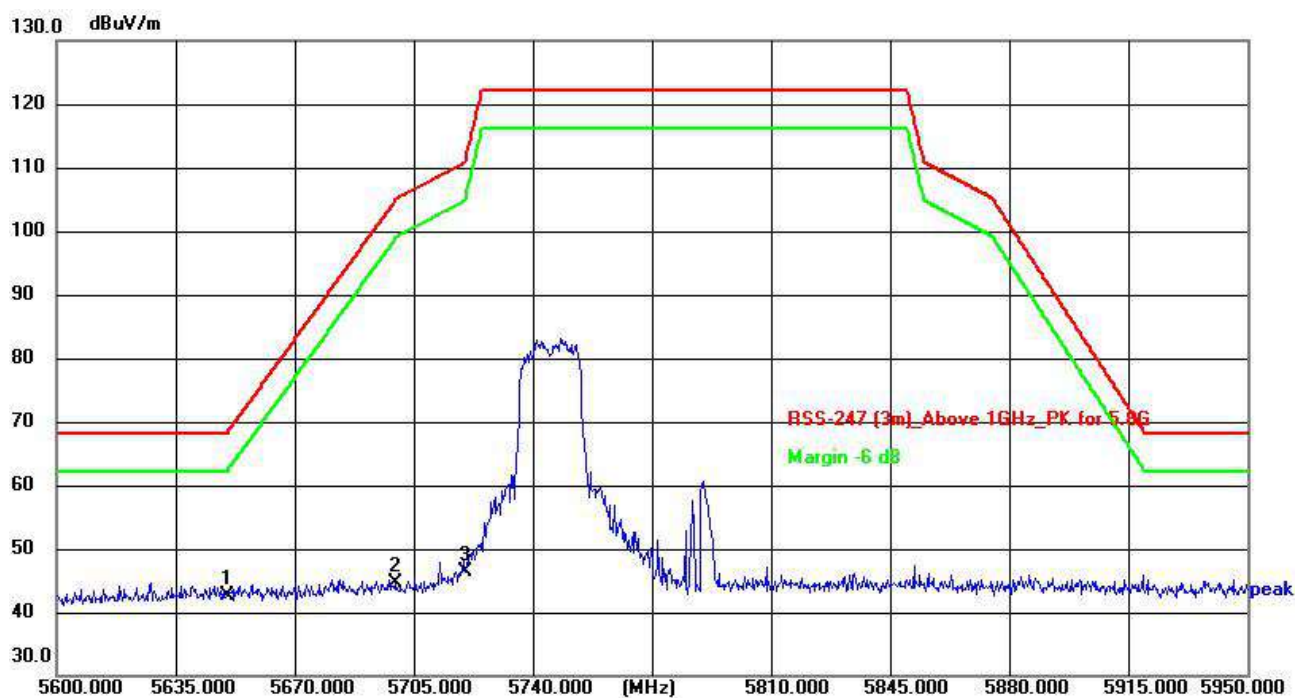
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.800	42.73	5.95	48.68	111.26	-62.58	peak
2	5875.100	38.89	5.95	44.84	105.12	-60.28	peak
3	5919.550	39.23	5.99	45.22	68.57	-23.35	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ax20 (5745MHz)



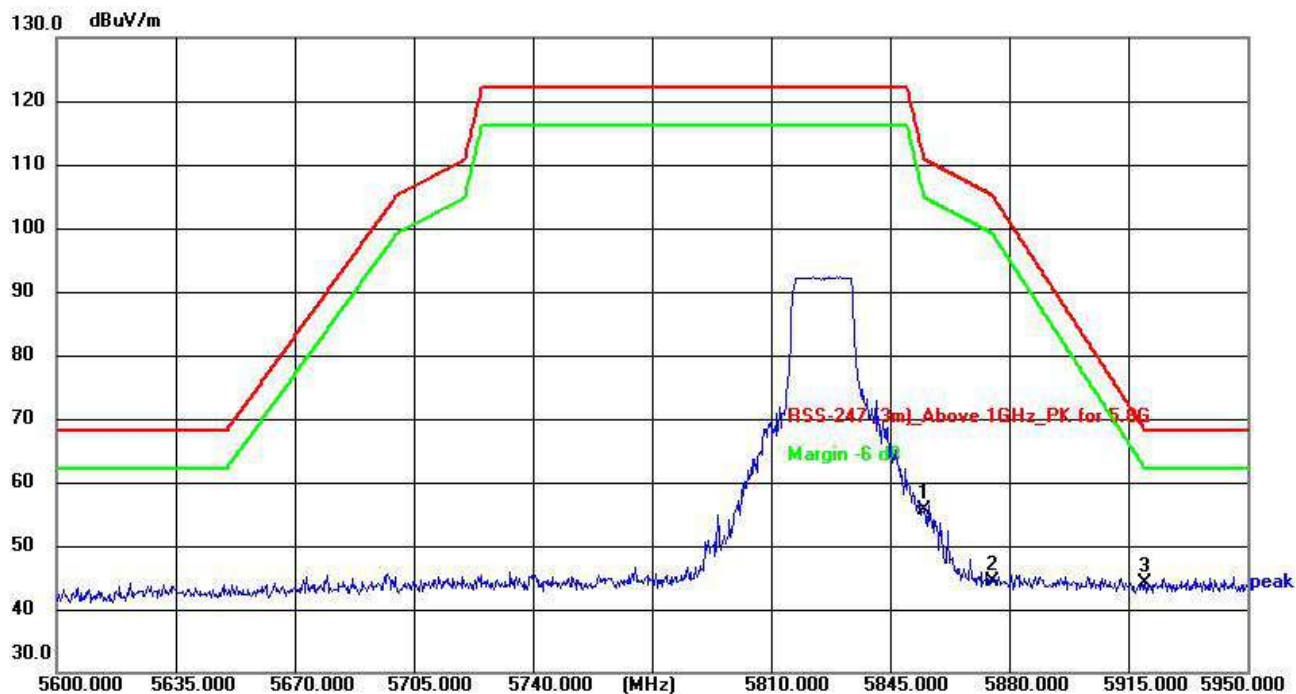
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.050	40.24	4.47	44.71	68.24	-23.53	peak
2	5699.750	40.15	4.96	45.11	105.02	-59.91	peak
3	5720.050	50.92	5.04	55.96	110.91	-54.95	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ax20 (5745MHz)



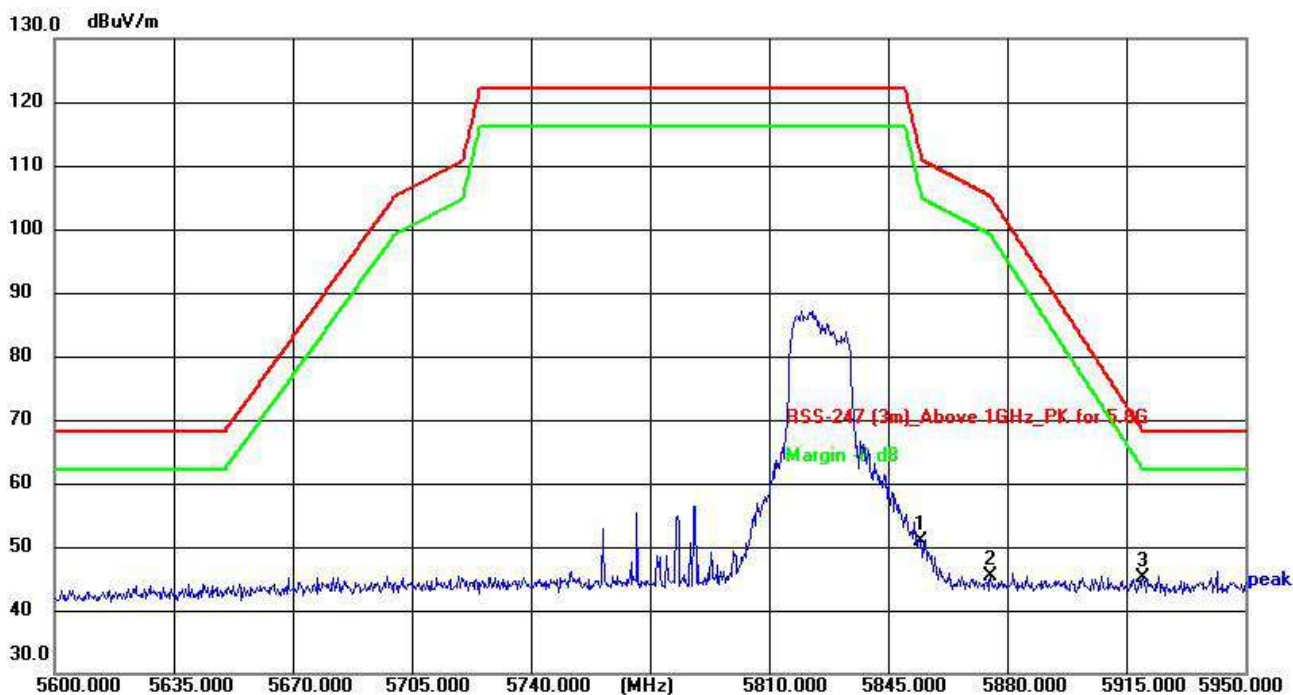
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.050	38.12	4.47	42.59	68.24	-25.65	peak
2	5699.750	39.60	4.96	44.56	105.02	-60.46	peak
3	5720.050	41.37	5.04	46.41	110.91	-64.50	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ax20 (5825MHz)



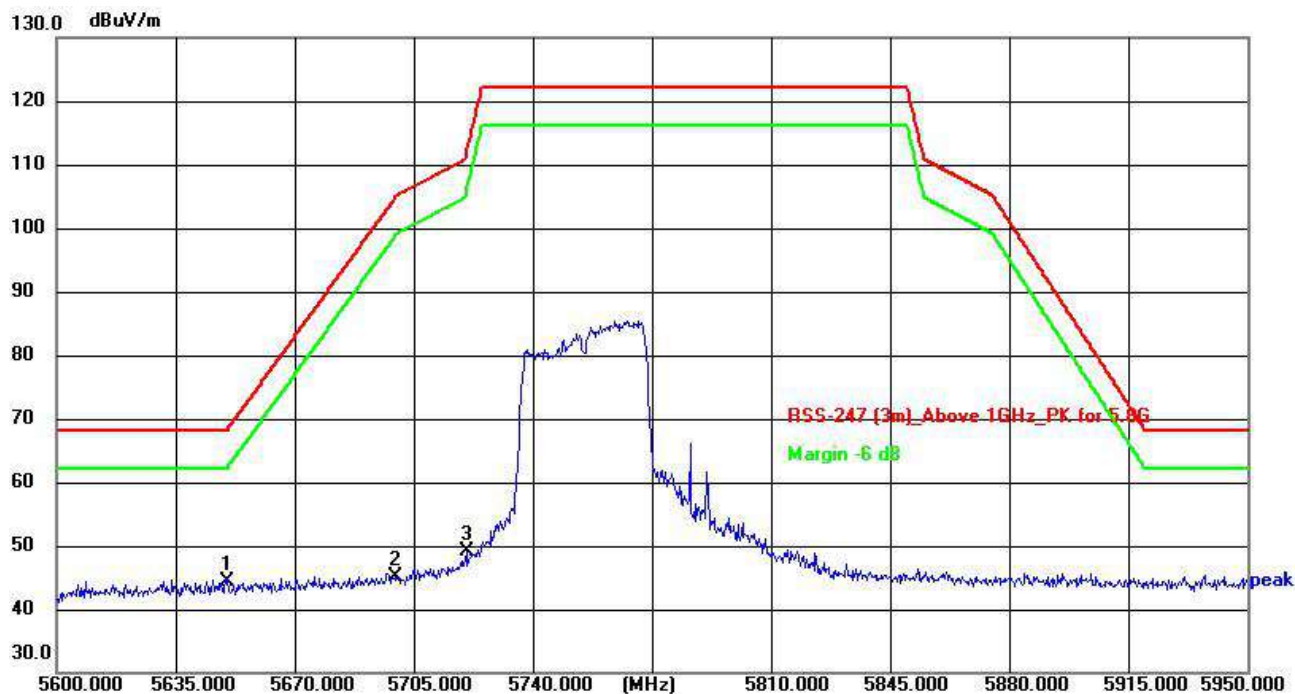
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.800	49.68	5.95	55.63	111.26	-55.63	peak
2	5875.100	38.48	5.95	44.43	105.12	-60.69	peak
3	5919.900	38.24	5.99	44.23	68.28	-24.05	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ax20 (5825MHz)



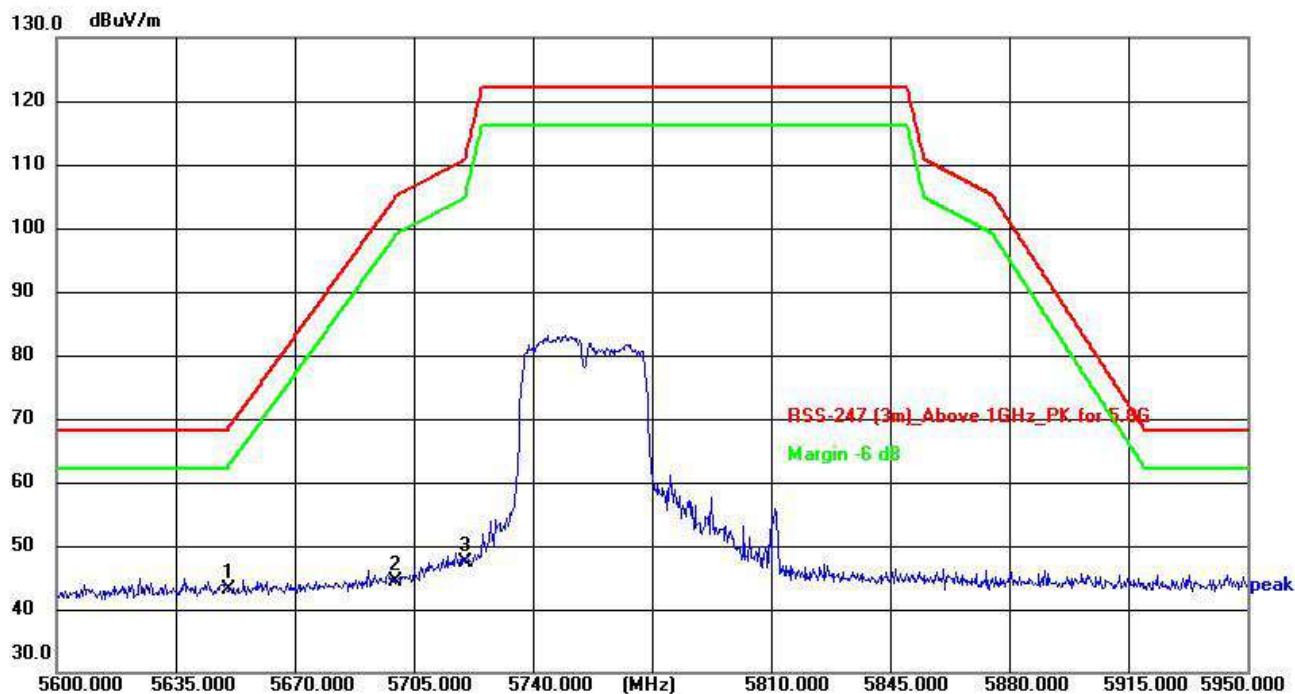
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.450	44.88	5.95	50.83	112.05	-61.22	peak
2	5875.100	39.43	5.95	45.38	105.12	-59.74	peak
3	5919.900	39.23	5.99	45.22	68.28	-23.06	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 n40 (5755MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.050	39.80	4.47	44.27	68.24	-23.97	peak
2	5699.750	40.20	4.96	45.16	105.02	-59.86	peak
3	5720.400	44.03	5.04	49.07	111.71	-62.64	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 n40 (5755MHz)



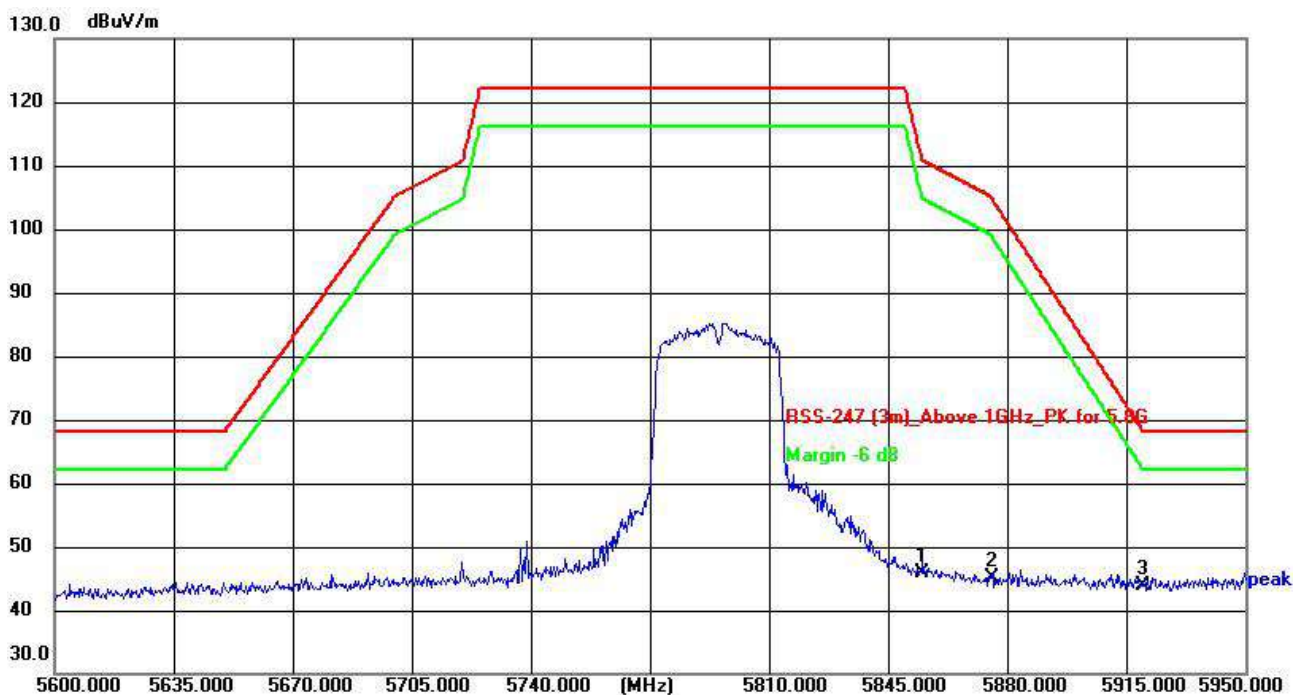
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.400	38.64	4.47	43.11	68.50	-25.39	peak
2	5699.750	39.50	4.96	44.46	105.02	-60.56	peak
3	5720.050	42.39	5.04	47.43	110.91	-63.48	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 n40 (5795MHz)



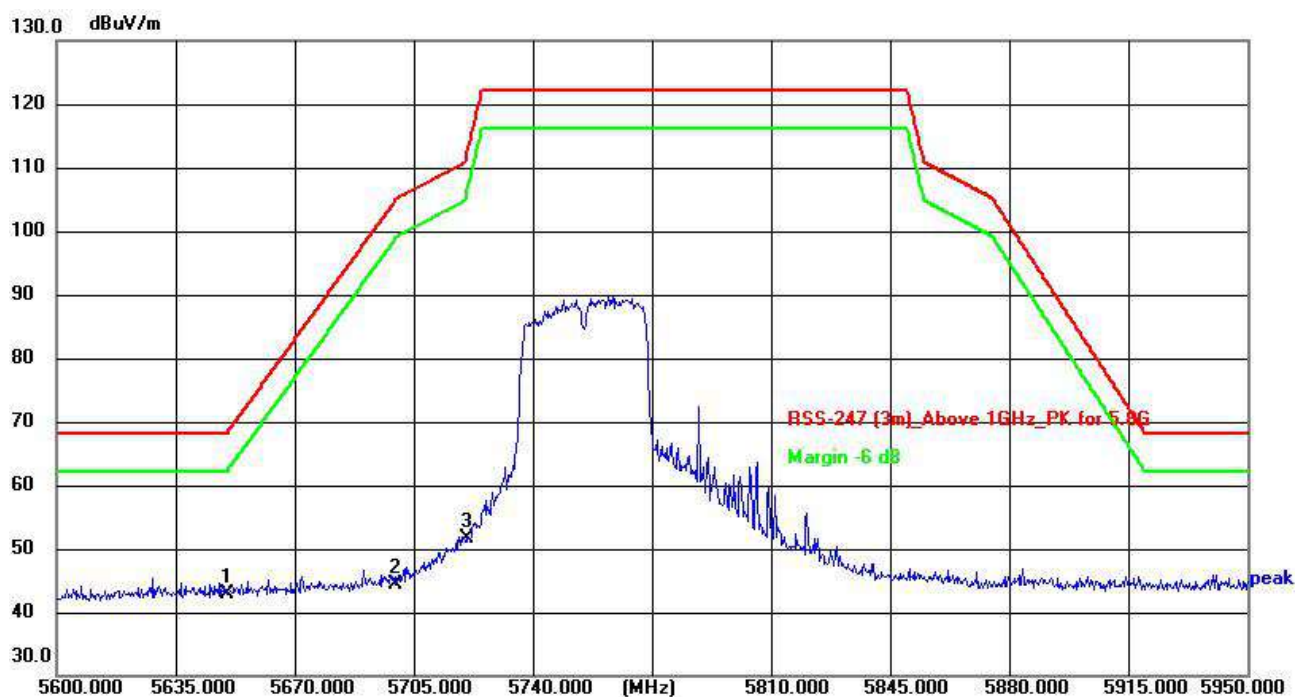
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.100	42.30	5.95	48.25	112.85	-64.60	peak
2	5875.800	38.37	5.95	44.32	104.54	-60.22	peak
3	5919.550	38.10	5.99	44.09	68.57	-24.48	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 n40 (5795MHz)



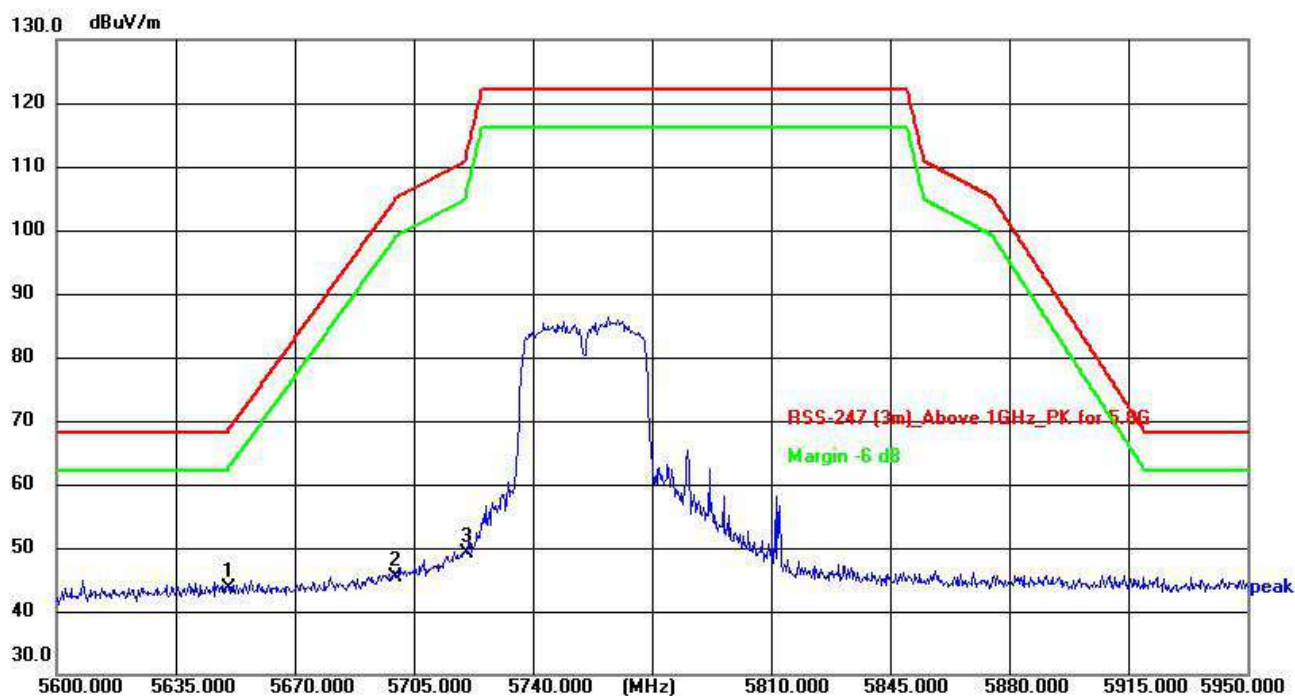
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.800	40.03	5.95	45.98	111.26	-65.28	peak
2	5875.450	39.19	5.95	45.14	104.83	-59.69	peak
3	5919.900	37.92	5.99	43.91	68.28	-24.37	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ac40 (5755MHz)



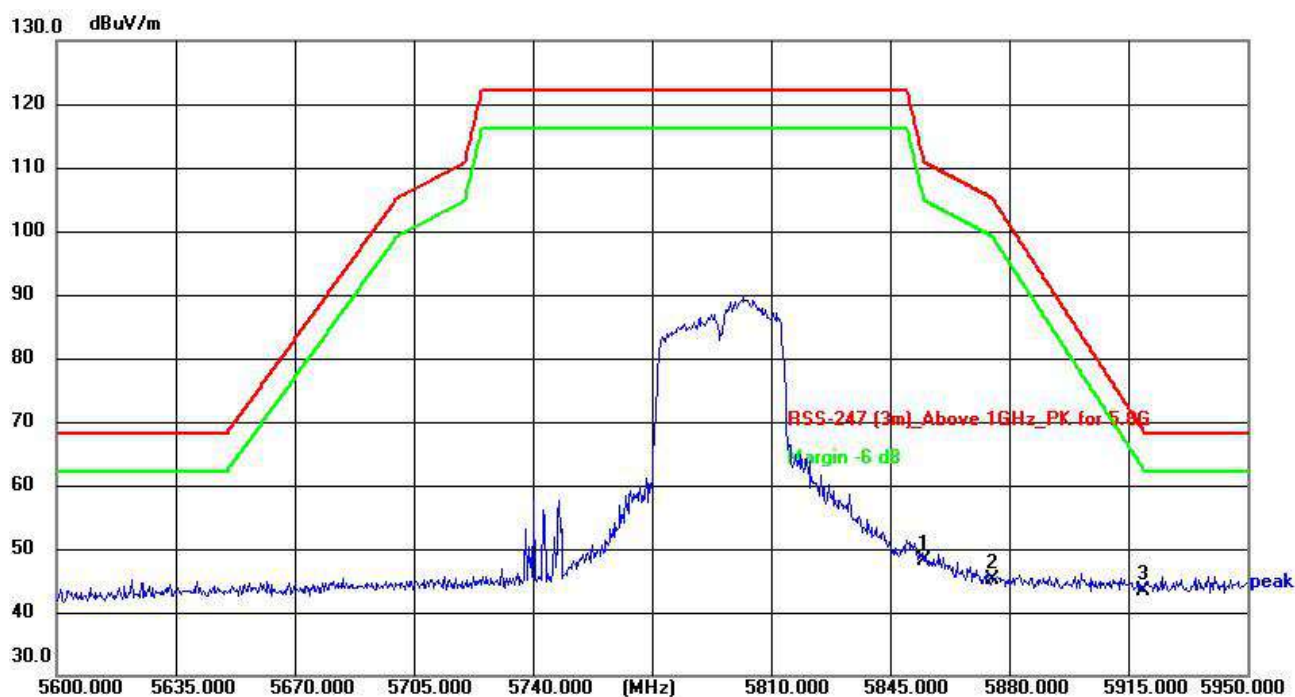
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.050	38.50	4.47	42.97	68.24	-25.27	peak
2	5699.750	39.47	4.96	44.43	105.02	-60.59	peak
3	5720.400	46.63	5.04	51.67	111.71	-60.04	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ac40 (5755MHz)



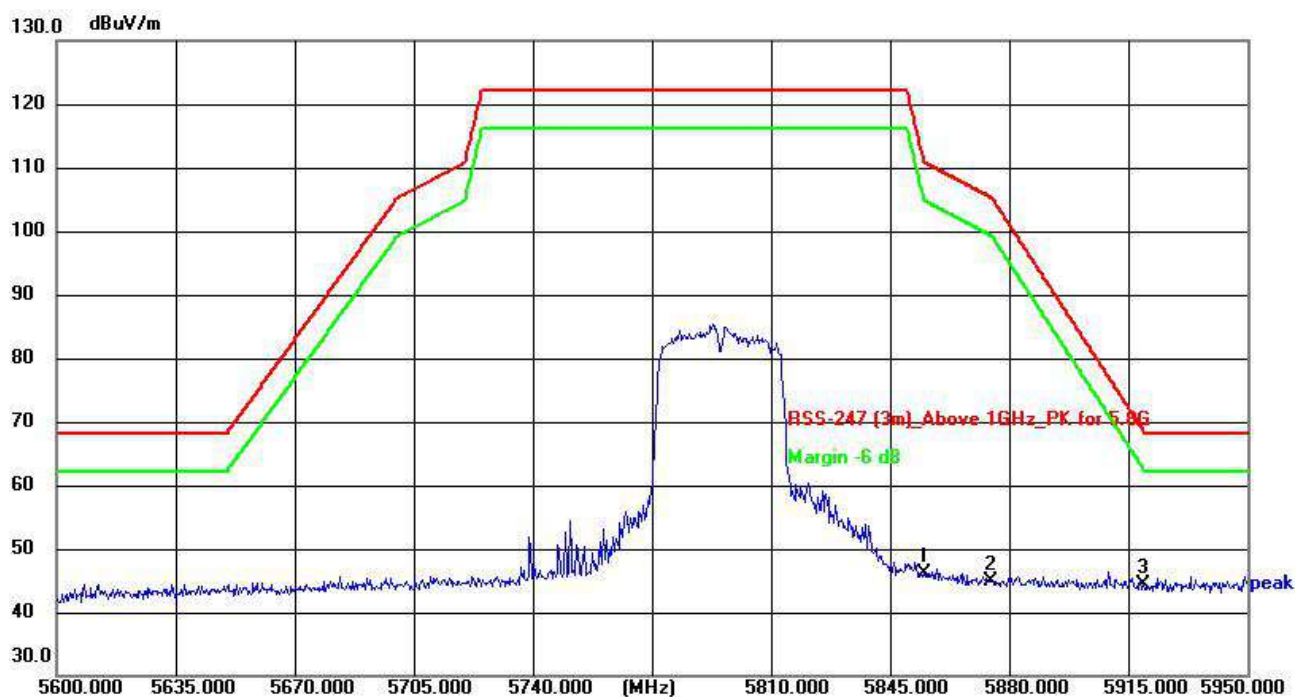
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.400	39.13	4.47	43.60	68.50	-24.90	peak
2	5699.400	40.42	4.96	45.38	104.76	-59.38	peak
3	5720.400	43.99	5.04	49.03	111.71	-62.68	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ac40 (5795MHz)



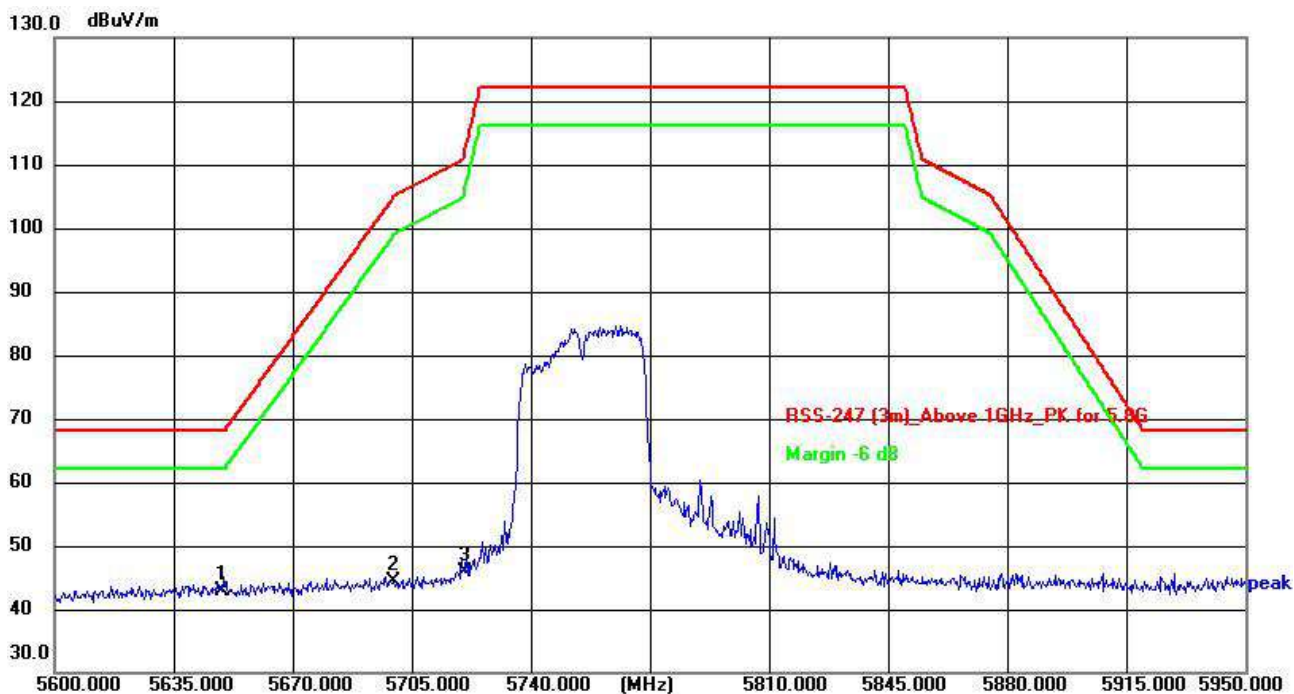
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.800	42.21	5.95	48.16	111.26	-63.10	peak
2	5875.100	39.09	5.95	45.04	105.12	-60.08	peak
3	5919.200	37.39	5.99	43.38	68.86	-25.48	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ac40 (5795MHz)



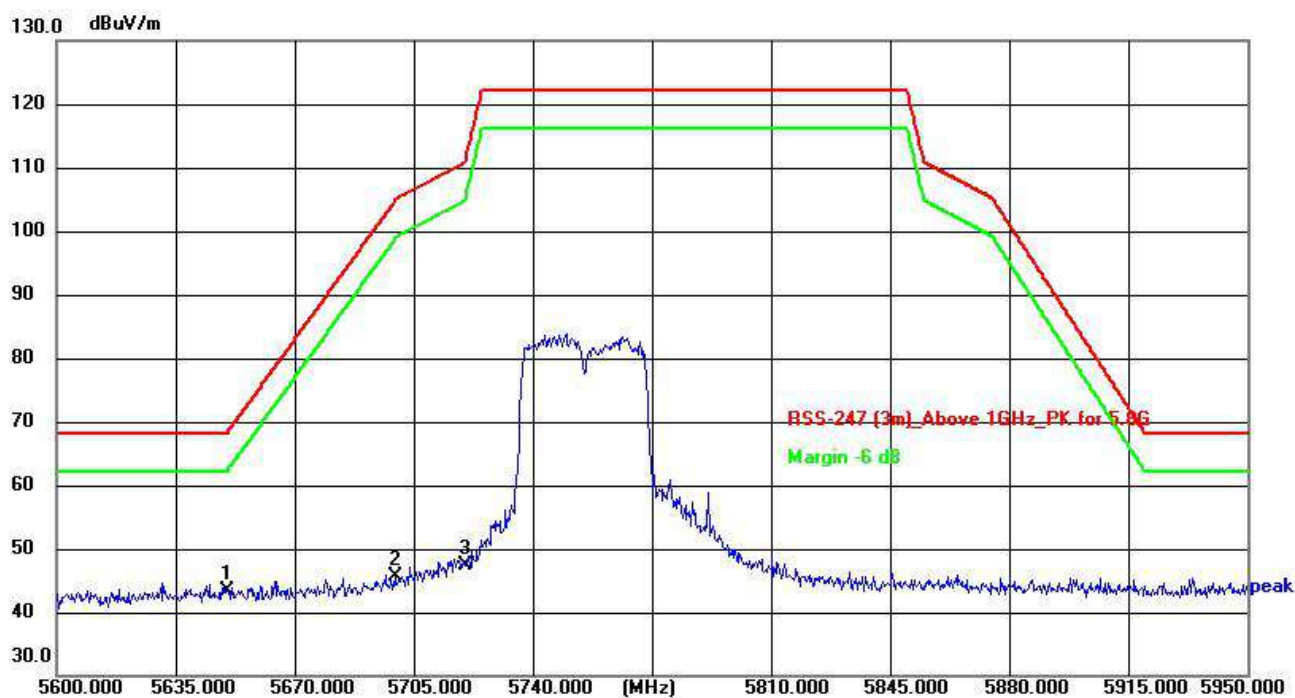
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.800	40.17	5.95	46.12	111.26	-65.14	peak
2	5874.750	39.02	5.95	44.97	105.27	-60.30	peak
3	5919.550	38.28	5.99	44.27	68.57	-24.30	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ax40 (5755MHz)



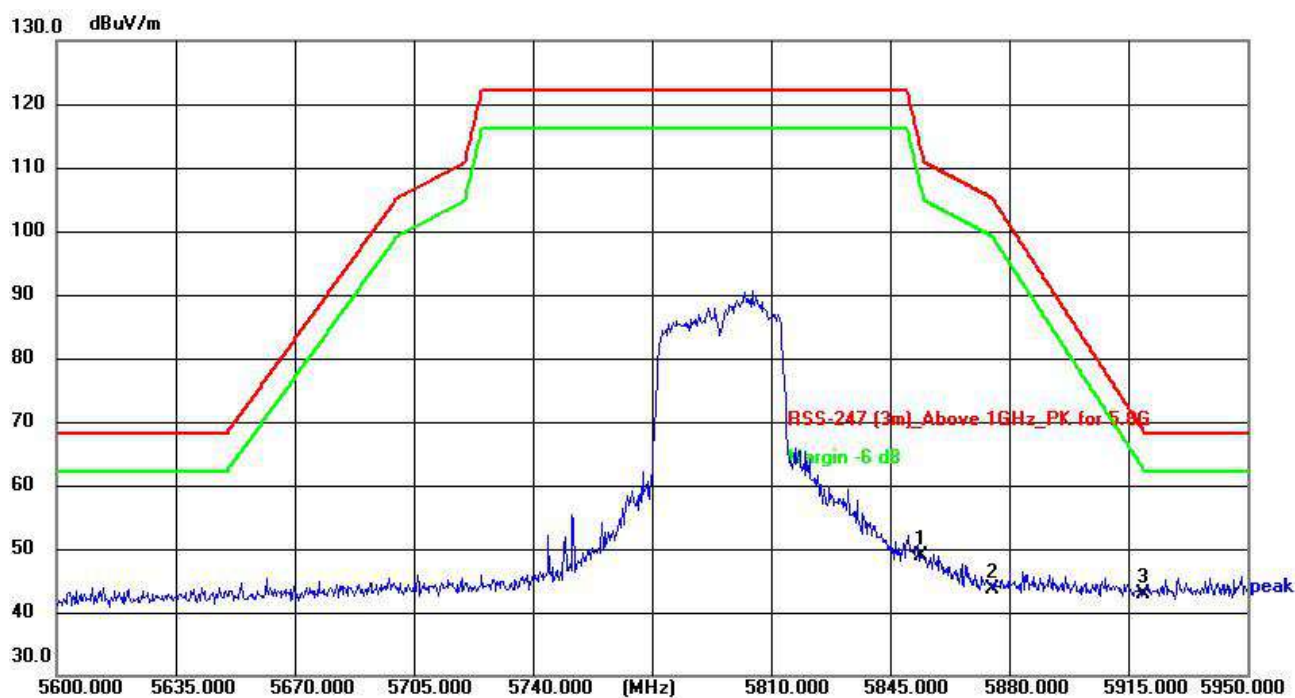
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5649.350	38.42	4.46	42.88	68.20	-25.32	peak
2	5699.400	39.39	4.96	44.35	104.76	-60.41	peak
3	5720.400	40.95	5.04	45.99	111.71	-65.72	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ax40 (5755MHz)



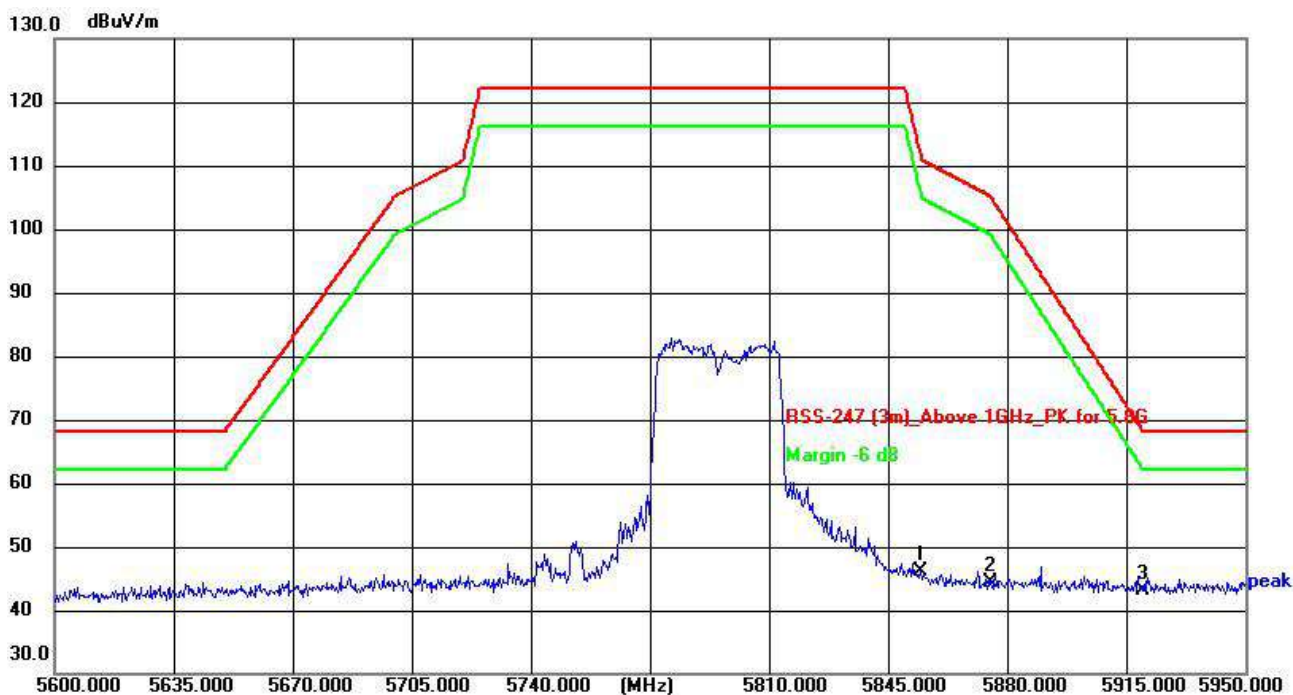
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5650.050	38.96	4.47	43.43	68.24	-24.81	peak
2	5699.400	40.67	4.96	45.63	104.76	-59.13	peak
3	5720.050	42.32	5.04	47.36	110.91	-63.55	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7V	Mode	802.11 ax40 (5795MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.100	42.92	5.95	48.87	112.85	-63.98	peak
2	5875.100	37.59	5.95	43.54	105.12	-61.58	peak
3	5919.550	36.94	5.99	42.93	68.57	-25.64	peak

Temperature:	26°C	Relative Humidity:	54%
Pressure:	101kPa	Polarization:	Vertical
Test Voltage:	DC 3.7V	Mode	802.11 ax40 (5795MHz)



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5854.450	40.12	5.95	46.07	112.05	-65.98	peak
2	5875.100	38.36	5.95	44.31	105.12	-60.81	peak
3	5919.900	37.17	5.99	43.16	68.28	-25.12	peak

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss - Pre-amplifier,
Margin= Emission Level - Limit

8 POWER SPECTRAL DENSITY TEST

8.1 Test Standard and Limit

According to FCC §15.407(3)

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum

power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

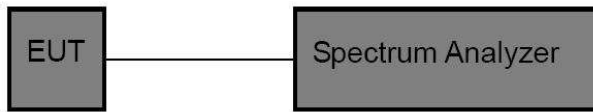
(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

8.2 Test Setup



8.3 Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above,
2. The testing follows FCC KDB 789033 D02.
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
4. For U-NII1, U-NII-2A, U-NII-2C Band:
Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), detector = sample, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
For U-NII-3 Band:
Set RBW=510 kHz, VBW=3*RBW, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), detector = sample, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
5. User the cursor on spectrum to peak search the highest level of trace
6. Record the max. reading and add 10 log(1/duty cycle).

8.4 Test Data

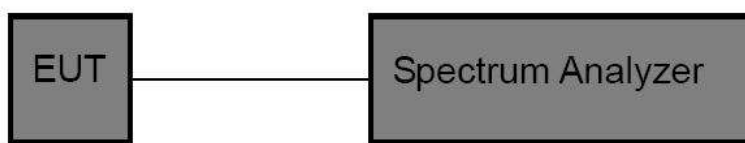
Please see the attachment for WIFI5.2G and WIFI5.8G data.

9 26DB & 6DB & 99% Emission Bandwidth Test

9.1 Test Standard

Test Standard	FCC Part15 C Section 15.407
	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band, the minimum bandwidth 6 dB bandwidth of U-NII devices shall be at least 500KHz. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

9.2 Test Setup



9.3 Test Procedure

The following procedure shall be used for measuring (6dB) power bandwidth:

- Set RBW = 100KHz.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

The following procedure shall be used for measuring (99 %) power bandwidth:

- Set center frequency to the nominal EUT channel center frequency.
- Set span = 1.5 times to 3.3 times the OBW.
- Set RBW = 1 % to 5 % of the OBW

4. Set $VBW \geq 3 \cdot RBW$

5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.

6. Use the 99 % power bandwidth function of the instrument (if available).

7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

The following procedure shall be used for measuring (-26dB) power bandwidth:

1. Set resolution bandwidth (RBW)= approximately 1% to 5% of the EBW.
2. Set the video bandwidth (BW)>RBW.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1 %.

9.4 Test Data

Please see the attachment for WIFI5.2G and WIFI5.8G data

10 Maximum Conducted Output Power

10.1 Test Standard and Limit

According to FCC §15.407

For an outdoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For the band 5.725–5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

10.2 Test Setup



10.3 Test Procedure

Method PM is Measurement using an RF average power meter. The procedure for this method is as follows:

a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:

- 1) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.

3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle D of the transmitter output signal as described in 12.2.

c) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.

d) Correct the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle {e.g., $[10 \log (1 / 0.25)]$, if the duty cycle is 25%}.

10.4 Test Data

Please see the attachment for WIFI5.2G and WIFI5.8G data

11 Out of Band Emissions

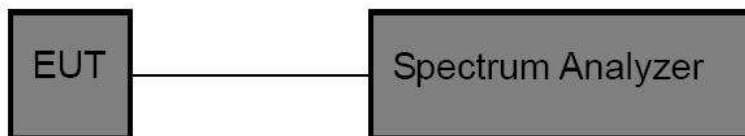
11.1 Test Standard and Limit

According to FCC §15.407(b)

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

11.2 Test Setup



11.3 Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW of spectrum analyzer to 1 MHz with a convenient frequency span.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

11.4 Test Data

Note: The conducted spurious emissions test has compensated for the maximum line loss measurement, and the recorded data represents the worst-case scenario.

Please see the attachment for WIFI5.2G and WIFI5.8G data.

12 Frequency Stability Measurement

12.1 Test Standard and Limit

FCC

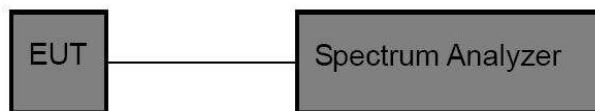
Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band (IEEE 802.11n specification).

IC

If the frequency stability of the licence-exempt radio apparatus is not specified in the applicable RSS, the fundamental emissions of the radio apparatus should be kept within at least the central 80% of its permitted operating frequency band in order to minimize the possibility of out-of-band operation. In addition, its occupied bandwidth shall be entirely outside the restricted bands and the prohibited TV bands of 54-72 MHz, 76-88 MHz, 174-216 MHz, and 470-602 MHz, unless otherwise indicated.

12.2 Test Setup



12.3 Test Procedure

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. f_c is declaring of channel frequency. Then the frequency error formula is $(f_c - f) / f_c \times 10^6$ ppm and the limit is less than ± 20 ppm (IEEE 802.11n specification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature is $-20^\circ\text{C} \sim 50^\circ\text{C}$.

12.4 Test Data

Please see the attachment for WIFI5.2G and WIFI5.8G data



13 Antenna Requirement

13.1 Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203
Requirement	1) 15.203 requirement: 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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

13.2 Antenna Connected Construction

The antenna is FPC Antenna which permanently attached, and the best case gain of the antenna is 3.37dBi(WIFI5.2G); 0.64dBi(WIFI5.8G). It complies with the standard requirement.

14 TEST SETUP & EUT PHOTOGRAPH

Please see the attachment for details.

----- End of Report -----

