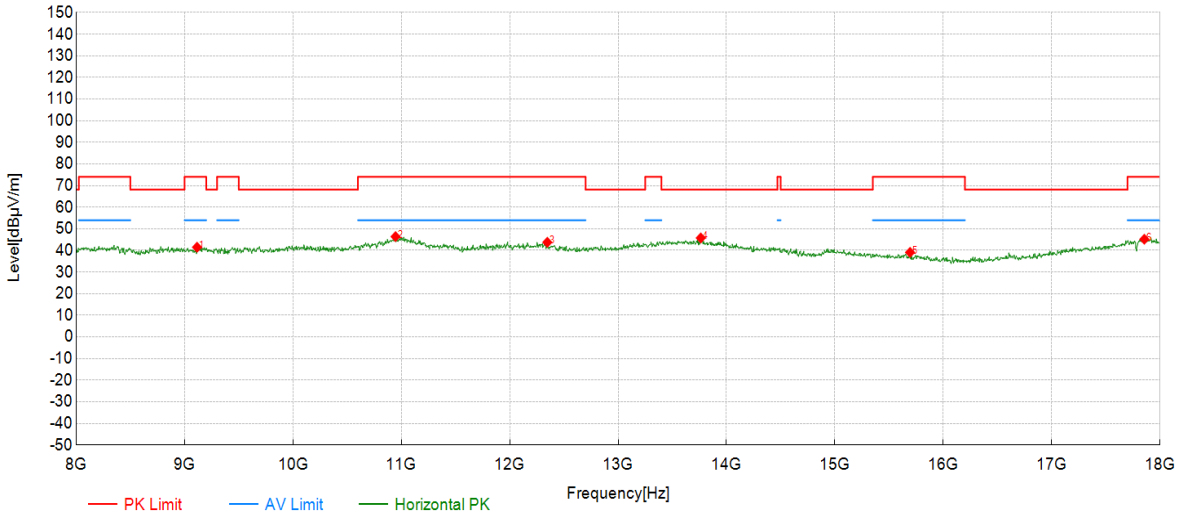
TX Radiated Test Result

Project Information			
Test Mode	802.11n HT	Frequency	5530
Bandwidth	80M	\	
Environment	Temp: 22.7℃; Humi:53%	Test Date	2026-01-20
Note	\	Engineer	Leslie Xie

Test Graph



PEAK Data List

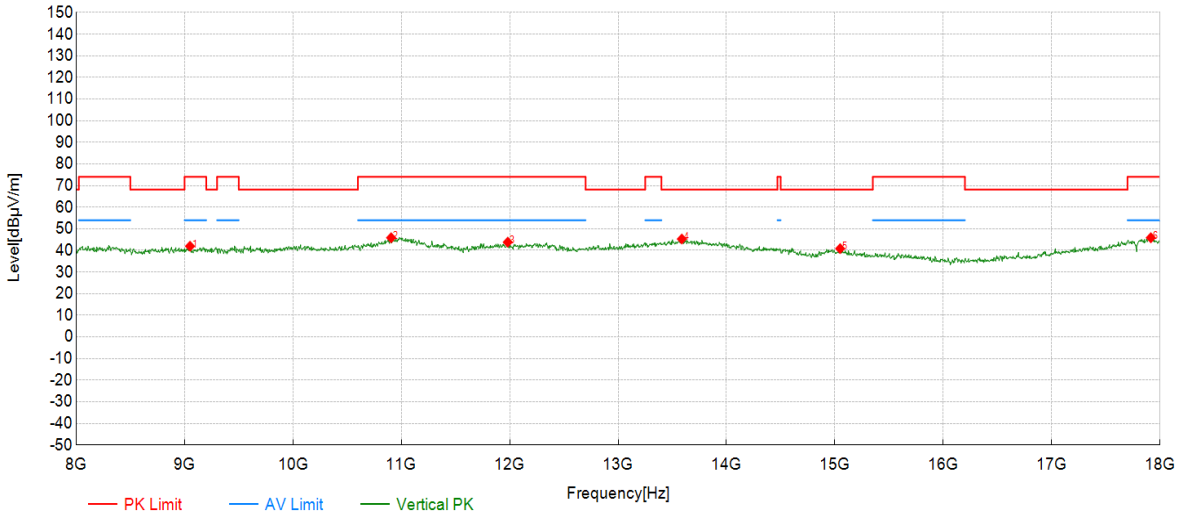
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9115.56	51.77	41.48	-10.29	74.00	32.52	PK	Horizontal	PASS
2	10946.47	49.88	46.40	-3.48	74.00	27.60	PK	Horizontal	PASS
3	12347.17	51.63	43.76	-7.87	74.00	30.24	PK	Horizontal	PASS
4	13762.88	53.38	45.77	-7.61	68.20	22.43	PK	Horizontal	PASS
5	15693.85	50.43	39.10	-11.33	74.00	34.90	PK	Horizontal	PASS
6	17854.93	46.52	45.19	-1.33	74.00	28.81	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

TX Radiated Test Result

Project Information			
Test Mode	802.11n HT	Frequency	5530
Bandwidth	80M	\	
Environment	Temp: 22.7℃; Humi:53%	Test Date	2026-01-20
Note	\	Engineer	Leslie Xie

Test Graph



PEAK Data List

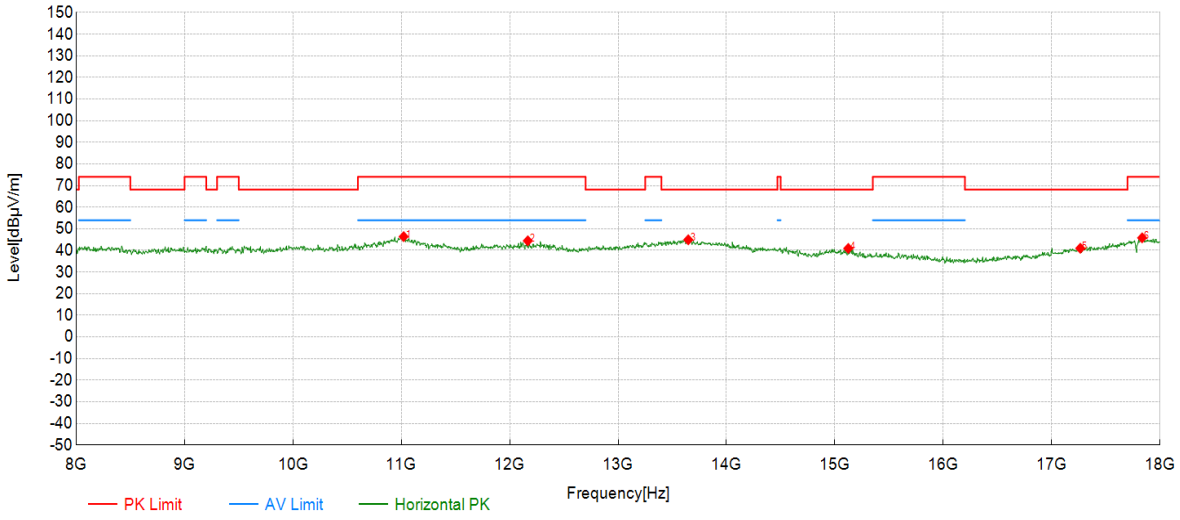
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9050.53	52.63	41.95	-10.68	74.00	32.05	PK	Vertical	PASS
2	10906.45	49.80	45.87	-3.93	74.00	28.13	PK	Vertical	PASS
3	11981.99	51.30	43.83	-7.47	74.00	30.17	PK	Vertical	PASS
4	13587.79	53.26	45.28	-7.98	68.20	22.92	PK	Vertical	PASS
5	15048.52	50.56	40.85	-9.71	68.20	27.35	PK	Vertical	PASS
6	17914.96	47.14	45.87	-1.27	74.00	28.13	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

TX Radiated Test Result

Project Information			
Test Mode	802.11n HT	Frequency	5610
Bandwidth	80M	\	
Environment	Temp: 22.7℃; Humi:53%	Test Date	2026-01-20
Note	\	Engineer	Leslie Xie

Test Graph



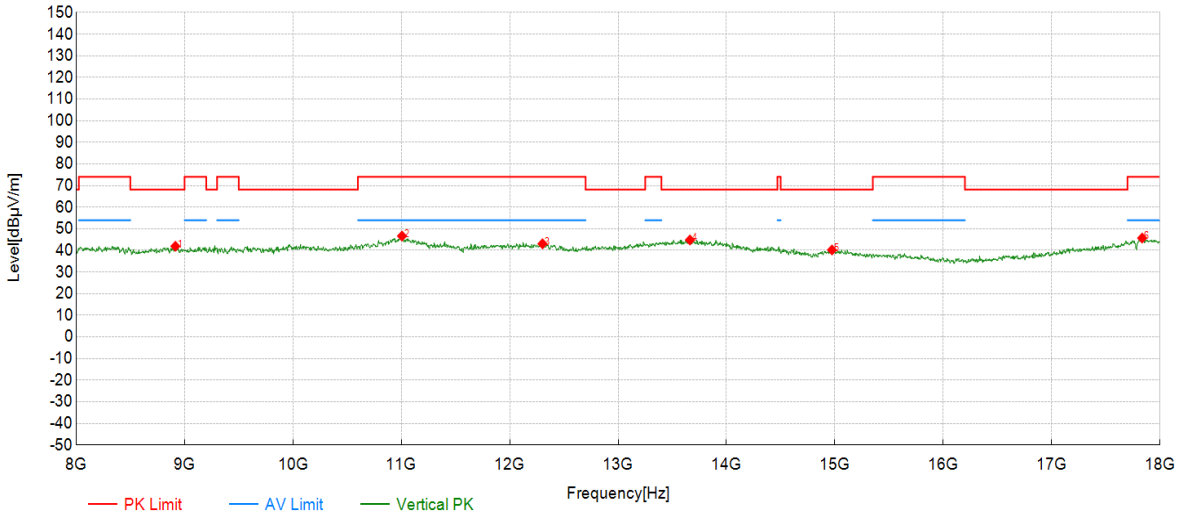
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	11021.51	49.44	46.39	-3.05	74.00	27.61	PK	Horizontal	PASS
2	12167.08	52.23	44.45	-7.78	74.00	29.55	PK	Horizontal	PASS
3	13647.82	52.80	44.93	-7.87	68.20	23.27	PK	Horizontal	PASS
4	15123.56	51.12	40.94	-10.18	68.20	27.26	PK	Horizontal	PASS
5	17264.63	47.43	41.00	-6.43	68.20	27.20	PK	Horizontal	PASS
6	17834.92	47.18	45.83	-1.35	74.00	28.17	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

TX Radiated Test Result

Project Information			
Test Mode	802.11n HT	Frequency	5610
Bandwidth	80M	\	
Environment	Temp: 22.7℃; Humi:53%	Test Date	2026-01-20
Note	\	Engineer	Leslie Xie

Test Graph



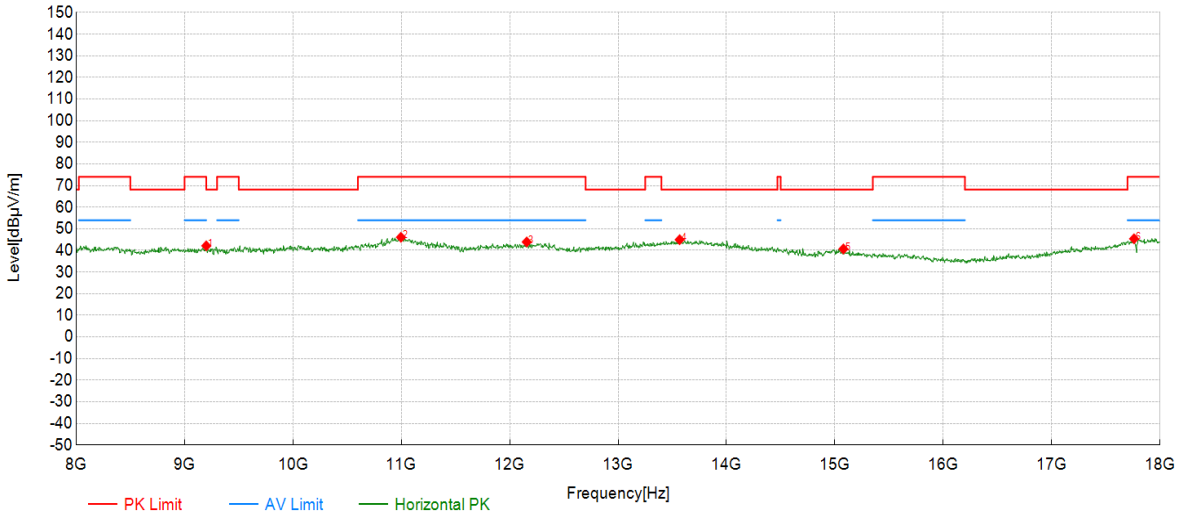
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8915.46	52.74	41.95	-10.79	68.20	26.25	PK	Vertical	PASS
2	11006.50	49.61	46.66	-2.95	74.00	27.34	PK	Vertical	PASS
3	12302.15	50.94	43.08	-7.86	74.00	30.92	PK	Vertical	PASS
4	13662.83	52.68	44.84	-7.84	68.20	23.36	PK	Vertical	PASS
5	14973.49	49.70	40.23	-9.47	68.20	27.97	PK	Vertical	PASS
6	17834.92	47.09	45.74	-1.35	74.00	28.26	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

TX Radiated Test Result

Project Information			
Test Mode	802.11n HT	Frequency	5690
Bandwidth	80M	\	
Environment	Temp: 22.7℃; Humi:53%	Test Date	2026-01-20
Note	\	Engineer	Leslie Xie

Test Graph



PEAK Data List

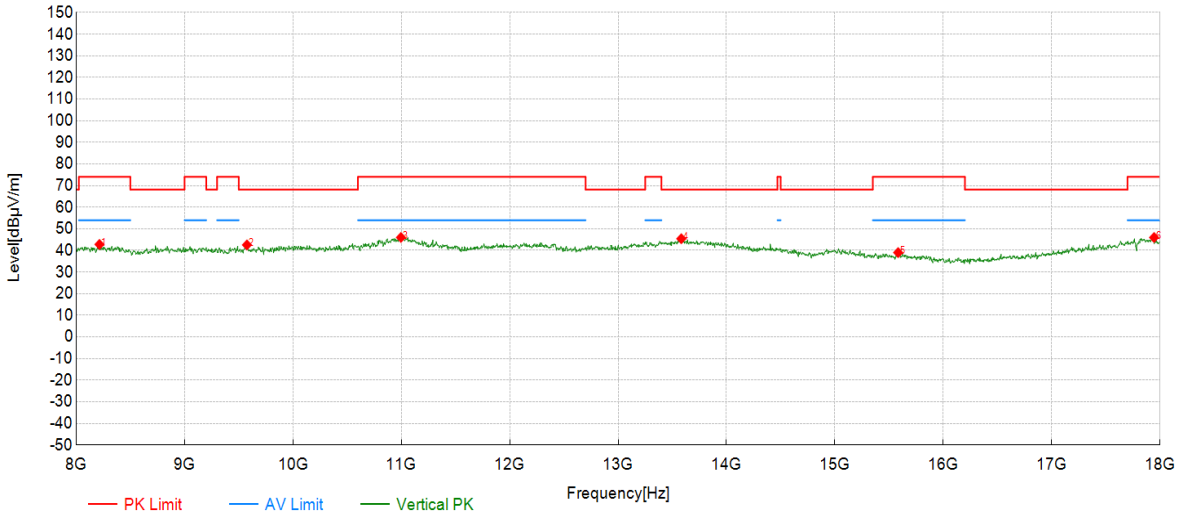
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9200.60	51.91	42.13	-9.78	68.20	26.07	PK	Horizontal	PASS
2	10996.50	49.02	46.08	-2.94	74.00	27.92	PK	Horizontal	PASS
3	12157.08	51.66	43.91	-7.75	74.00	30.09	PK	Horizontal	PASS
4	13567.78	52.95	44.97	-7.98	68.20	23.23	PK	Horizontal	PASS
5	15078.54	50.56	40.67	-9.89	68.20	27.53	PK	Horizontal	PASS
6	17759.88	47.32	45.39	-1.93	74.00	28.61	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

TX Radiated Test Result

Project Information			
Test Mode	802.11n HT	Frequency	5690
Bandwidth	80M	\	
Environment	Temp: 22.7℃; Humi:53%	Test Date	2026-01-20
Note	\	Engineer	Leslie Xie

Test Graph



PEAK Data List

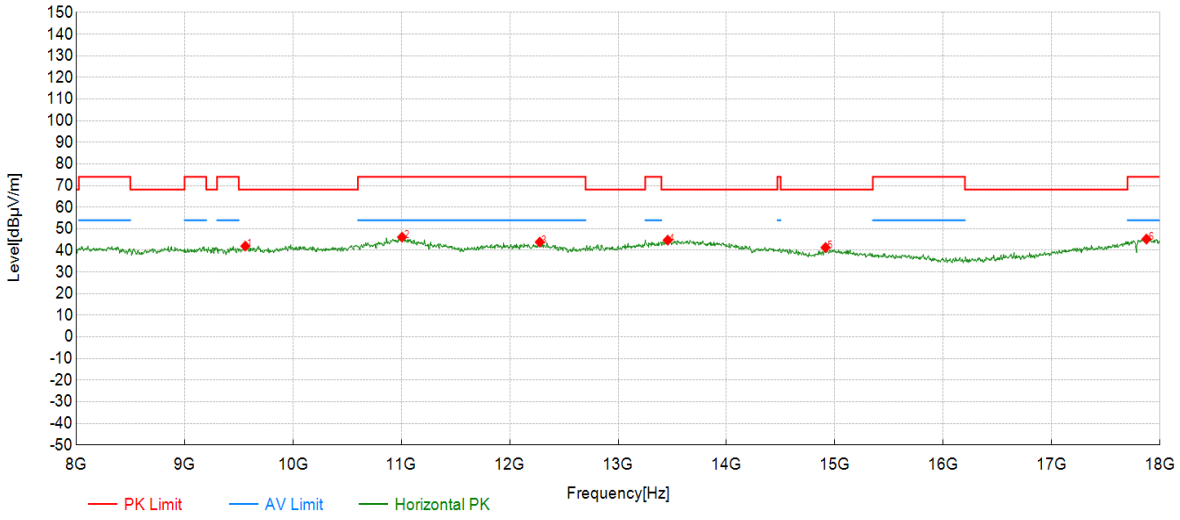
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8215.11	55.27	42.78	-12.49	74.00	31.22	PK	Vertical	PASS
2	9575.79	52.14	42.56	-9.58	68.20	25.64	PK	Vertical	PASS
3	10996.50	48.96	46.02	-2.94	74.00	27.98	PK	Vertical	PASS
4	13582.79	53.42	45.43	-7.99	68.20	22.77	PK	Vertical	PASS
5	15583.79	49.95	39.01	-10.94	74.00	34.99	PK	Vertical	PASS
6	17944.97	47.22	45.98	-1.24	74.00	28.02	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

TX Radiated Test Result

Project Information			
Test Mode	802.11n HT	Frequency	5775
Bandwidth	80M	\	
Environment	Temp: 22.7℃; Humi:53%	Test Date	2026-01-20
Note	\	Engineer	Leslie Xie

Test Graph



PEAK Data List

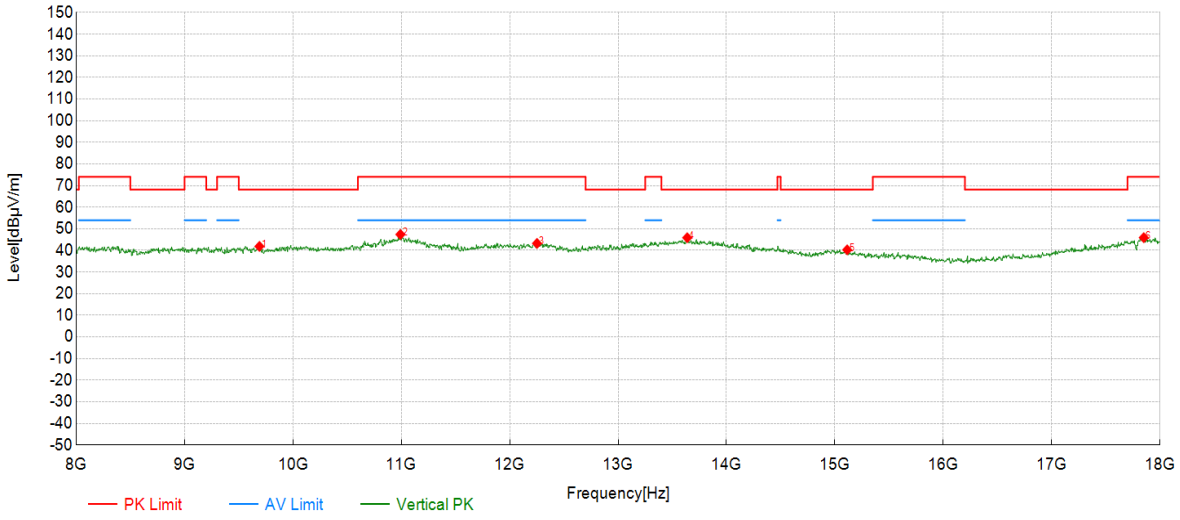
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9560.78	51.61	42.01	-9.60	68.20	26.19	PK	Horizontal	PASS
2	11006.50	49.09	46.14	-2.95	74.00	27.86	PK	Horizontal	PASS
3	12277.14	51.73	43.88	-7.85	74.00	30.12	PK	Horizontal	PASS
4	13457.73	52.87	44.77	-8.10	68.20	23.43	PK	Horizontal	PASS
5	14913.46	50.99	41.35	-9.64	68.20	26.85	PK	Horizontal	PASS
6	17874.94	46.57	45.26	-1.31	74.00	28.74	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

TX Radiated Test Result

Project Information			
Test Mode	802.11n HT	Frequency	5775
Bandwidth	80M	\	
Environment	Temp: 22.7℃; Humi:53%	Test Date	2026-01-20
Note	\	Engineer	Leslie Xie

Test Graph

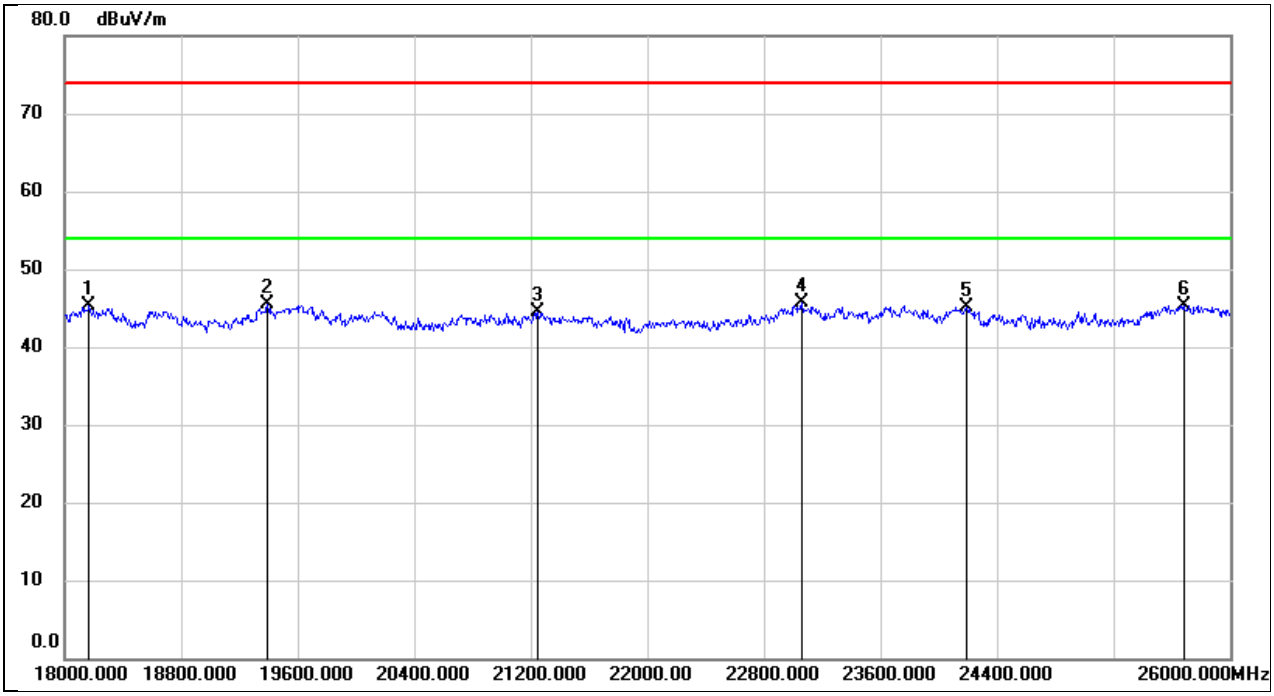


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9690.85	51.84	41.87	-9.97	68.20	26.33	PK	Vertical	PASS
2	10991.50	50.39	47.39	-3.00	74.00	26.61	PK	Vertical	PASS
3	12252.13	51.10	43.25	-7.85	74.00	30.75	PK	Vertical	PASS
4	13637.82	53.79	45.89	-7.90	68.20	22.31	PK	Vertical	PASS
5	15113.56	50.39	40.27	-10.12	68.20	27.93	PK	Vertical	PASS
6	17849.92	47.23	45.90	-1.33	74.00	28.10	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

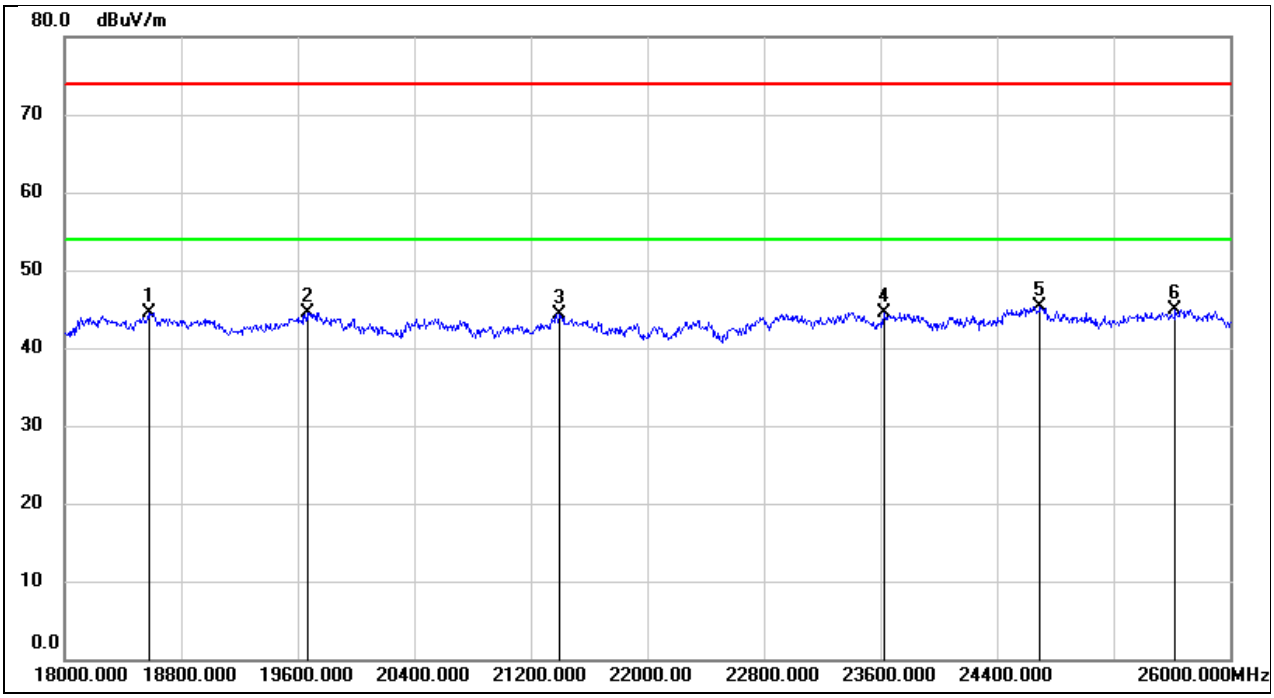
8.4. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18168.000	50.76	-5.50	45.26	74.00	-28.74	peak
2	19392.000	51.12	-5.57	45.55	74.00	-28.45	peak
3	21248.000	49.29	-4.77	44.52	74.00	-29.48	peak
4	23056.000	49.04	-3.42	45.62	74.00	-28.38	peak
5	24192.000	47.99	-2.81	45.18	74.00	-28.82	peak
6	25680.000	46.21	-0.93	45.28	74.00	-28.72	peak

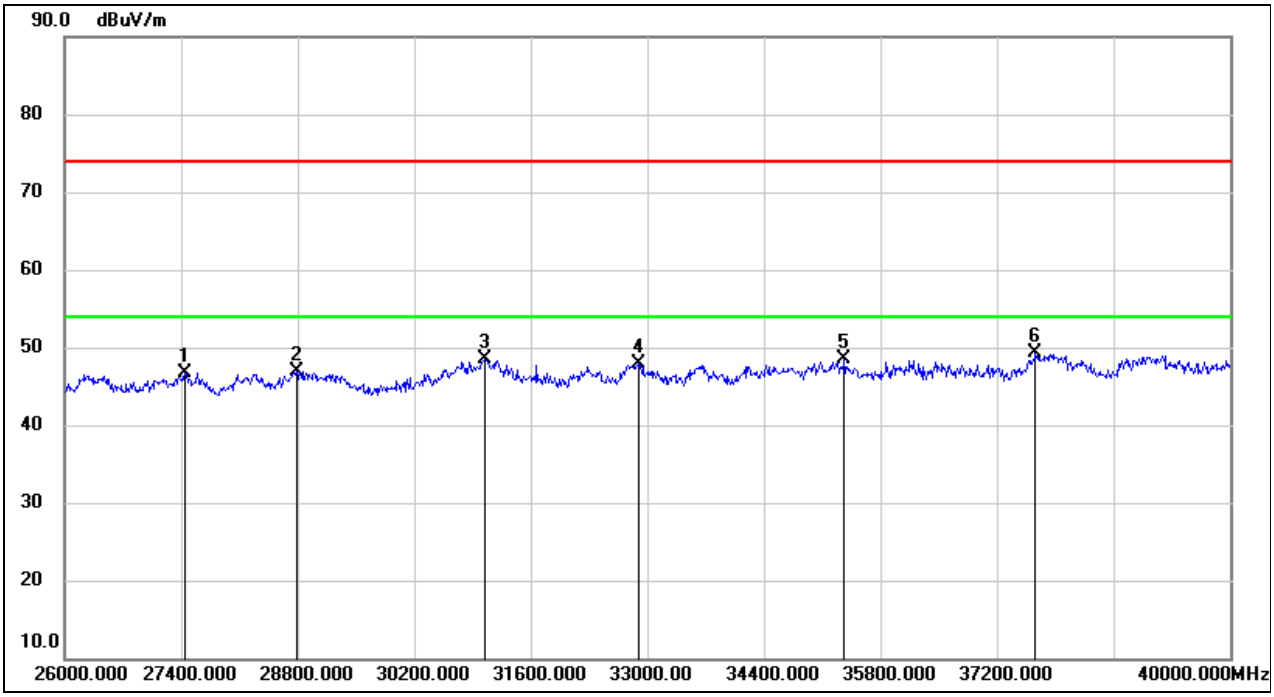
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18576.000	49.79	-5.30	44.49	74.00	-29.51	peak
2	19664.000	49.82	-5.35	44.47	74.00	-29.53	peak
3	21400.000	49.04	-4.72	44.32	74.00	-29.68	peak
4	23624.000	47.70	-3.16	44.54	74.00	-29.46	peak
5	24696.000	47.68	-2.32	45.36	74.00	-28.64	peak
6	25624.000	46.09	-1.20	44.89	74.00	-29.11	peak

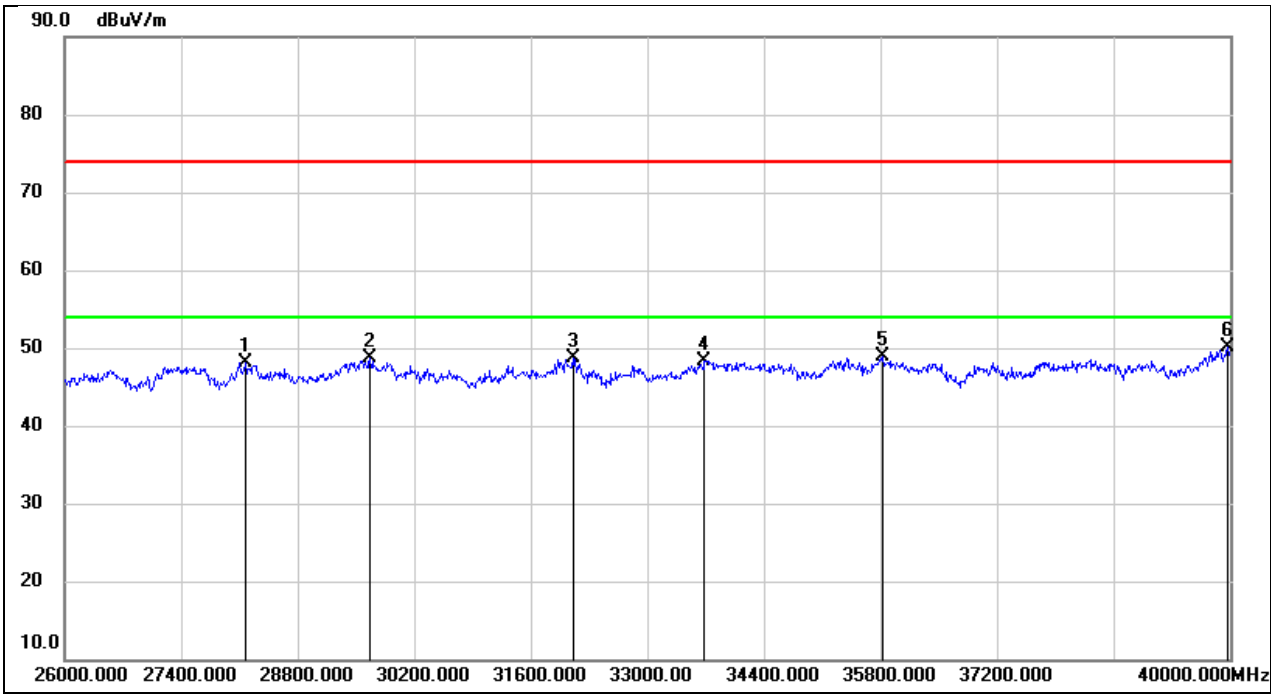
8.5. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27442.000	50.42	-3.62	46.80	74.00	-27.20	peak
2	28786.000	47.49	-0.64	46.85	74.00	-27.15	peak
3	31054.000	49.28	-0.72	48.56	74.00	-25.44	peak
4	32888.000	48.86	-0.91	47.95	74.00	-26.05	peak
5	35366.000	45.90	2.59	48.49	74.00	-25.51	peak
6	37662.000	45.79	3.51	49.30	74.00	-24.70	peak

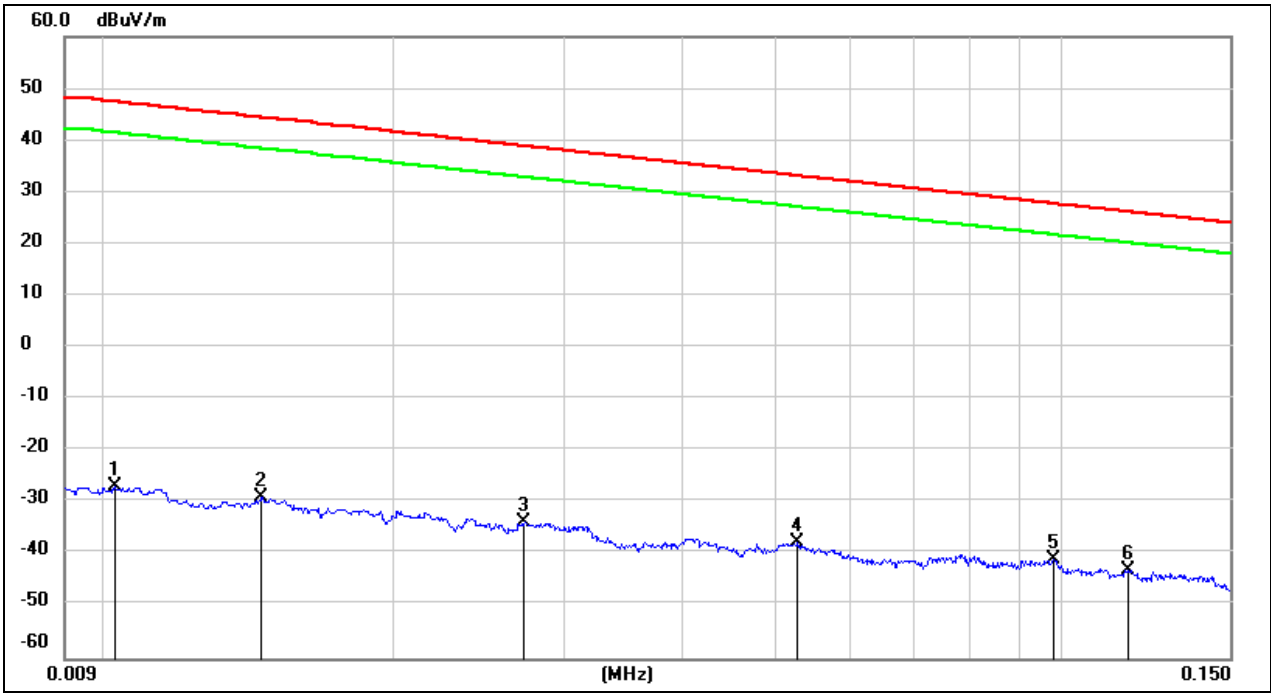
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28170.000	51.09	-2.92	48.17	74.00	-25.83	peak
2	29668.000	50.01	-1.40	48.61	74.00	-25.39	peak
3	32104.000	50.49	-1.75	48.74	74.00	-25.26	peak
4	33686.000	48.02	0.38	48.40	74.00	-25.60	peak
5	35828.000	45.25	3.67	48.92	74.00	-25.08	peak
6	39972.000	44.95	5.13	50.08	74.00	-23.92	peak

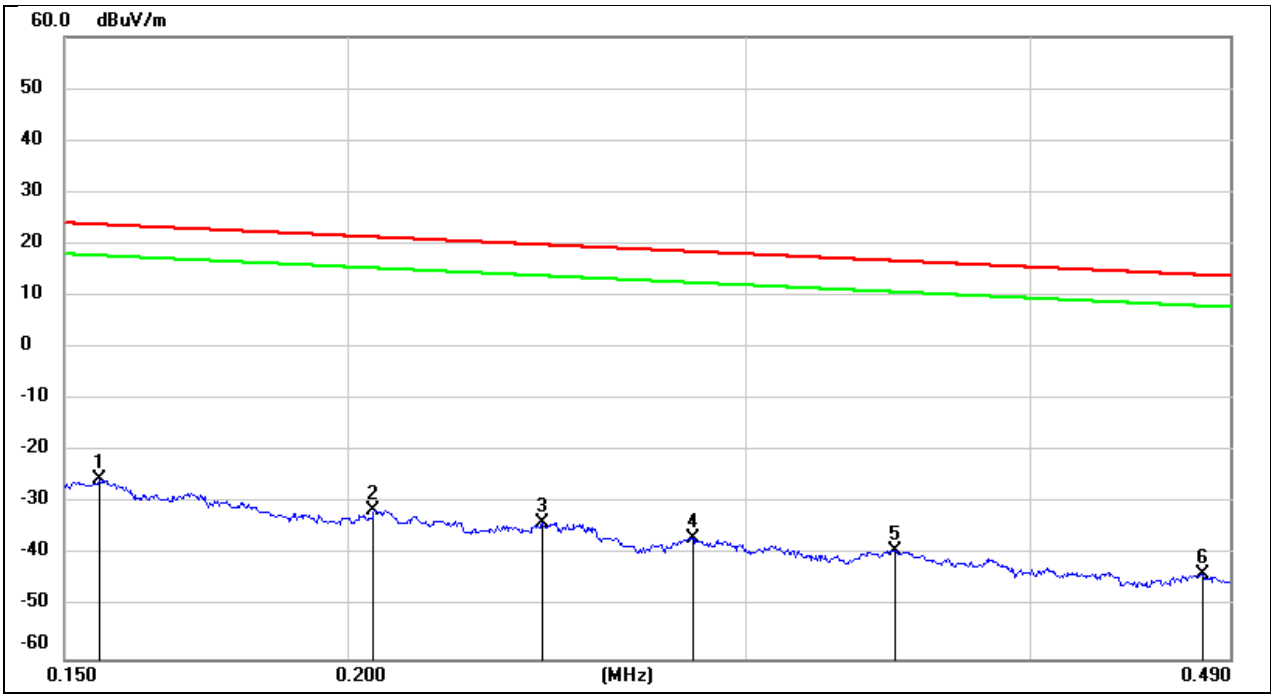
8.6. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



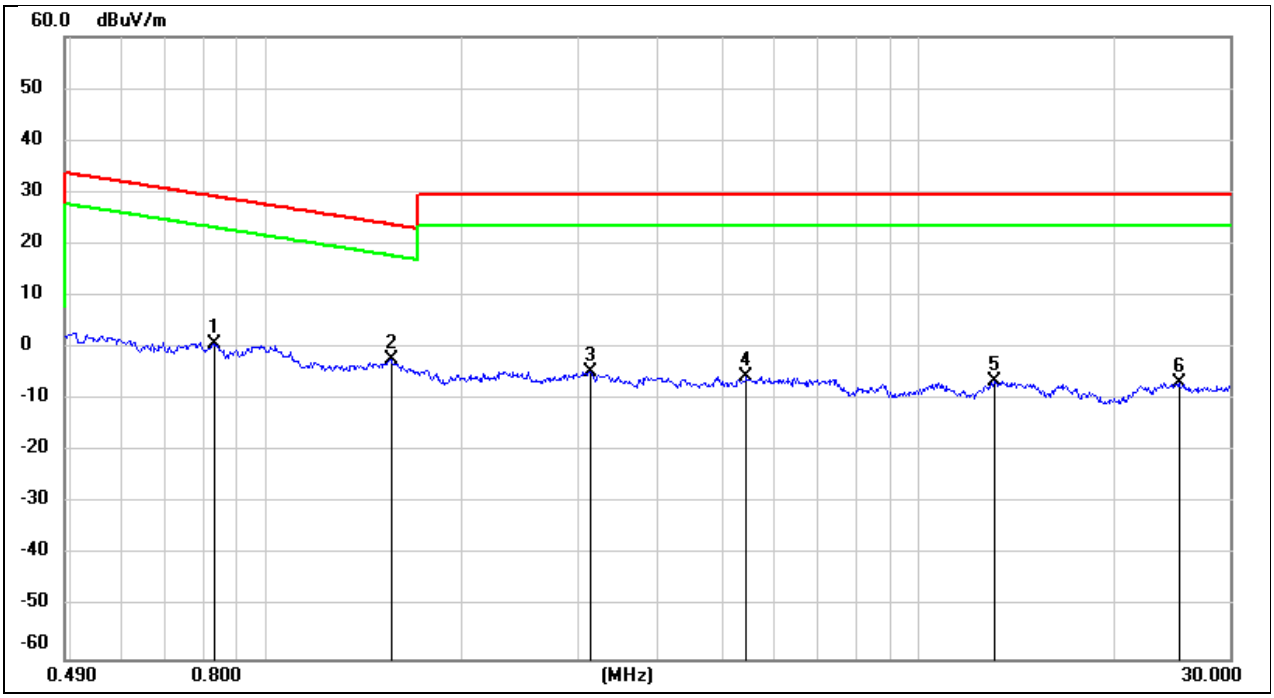
No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0102	74.55	-101.40	-26.85	47.43	-78.35	-4.07	-74.28	peak
2	0.0145	72.55	-101.38	-28.83	44.37	-80.33	-7.13	-73.20	peak
3	0.0273	67.49	-101.38	-33.89	38.88	-85.39	-12.62	-72.77	peak
4	0.0529	63.80	-101.49	-37.69	33.13	-89.19	-18.37	-70.82	peak
5	0.0981	60.77	-101.78	-41.01	27.77	-92.51	-23.73	-68.78	peak
6	0.1174	58.83	-101.74	-42.91	26.21	-94.41	-25.29	-69.12	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1554	76.27	-101.65	-25.38	23.77	-76.88	-27.73	-49.15	peak
2	0.2053	70.29	-101.73	-31.44	21.35	-82.94	-30.15	-52.79	peak
3	0.2436	67.96	-101.79	-33.83	19.87	-85.33	-31.63	-53.70	peak
4	0.2837	65.22	-101.83	-36.61	18.54	-88.11	-32.96	-55.15	peak
5	0.3487	62.91	-101.91	-39.00	16.75	-90.50	-34.75	-55.75	peak
6	0.4767	58.48	-102.04	-43.56	14.04	-95.06	-37.46	-57.60	peak

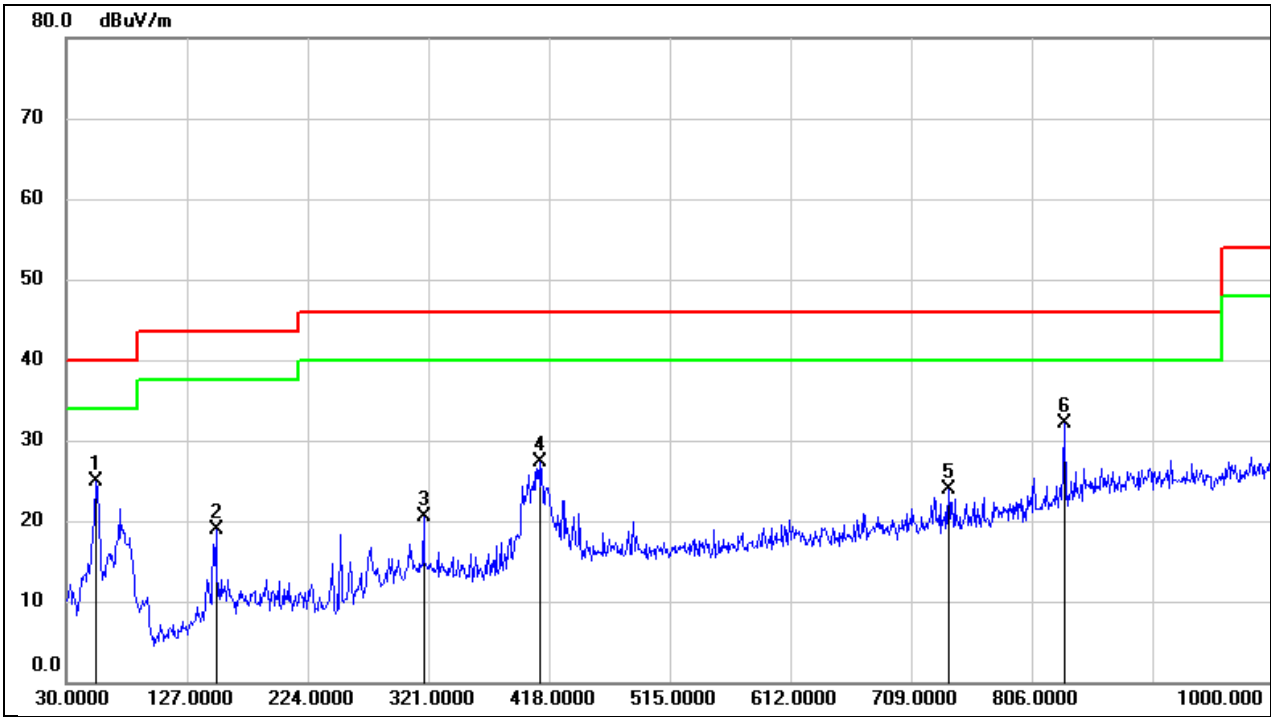
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.8296	62.94	-62.17	0.77	29.23	-50.73	-22.27	-28.46	peak
2	1.5524	59.85	-62.02	-2.17	23.78	-53.67	-27.72	-25.95	peak
3	3.1459	56.94	-61.54	-4.60	29.54	-56.10	-21.96	-34.14	peak
4	5.4477	55.91	-61.42	-5.51	29.54	-57.01	-21.96	-35.05	peak
5	13.0907	54.63	-60.93	-6.30	29.54	-57.80	-21.96	-35.84	peak
6	25.0423	53.77	-60.45	-6.68	29.54	-58.18	-21.96	-36.22	peak

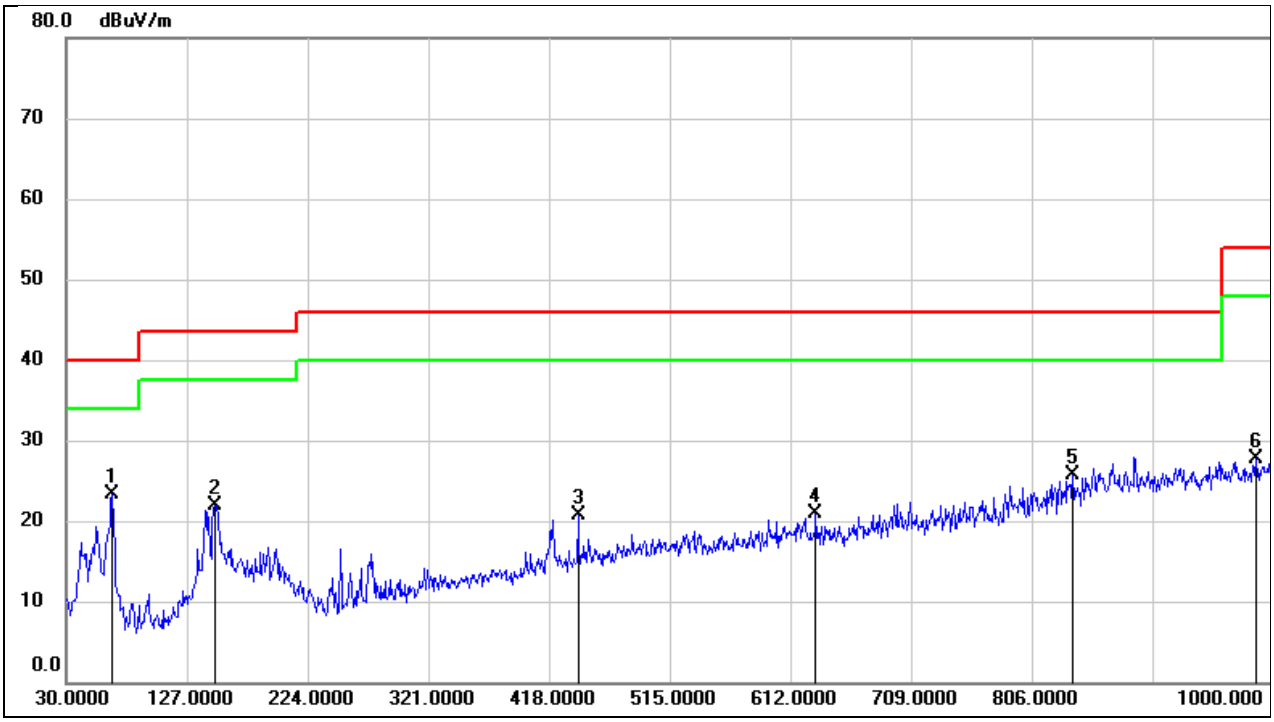
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	53.2800	40.07	-15.22	24.85	40.00	-15.15	peak
2	150.2800	32.40	-13.54	18.86	43.50	-24.64	peak
3	317.1200	31.24	-10.66	20.58	46.00	-25.42	peak
4	410.2400	36.58	-9.26	27.32	46.00	-18.68	peak
5	739.0700	27.54	-3.55	23.99	46.00	-22.01	peak
6	832.1900	33.84	-1.82	32.02	46.00	-13.98	peak

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	66.8600	38.66	-15.28	23.38	40.00	-16.62	peak
2	149.3100	35.43	-13.59	21.84	43.50	-21.66	peak
3	441.2800	28.78	-8.16	20.62	46.00	-25.38	peak
4	632.3700	26.41	-5.44	20.97	46.00	-25.03	peak
5	838.9800	27.34	-1.65	25.69	46.00	-20.31	peak
6	986.4200	27.65	0.05	27.70	54.00	-26.30	peak

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to FCC 47 CFR §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

*Decreases with the logarithm of the frequency.

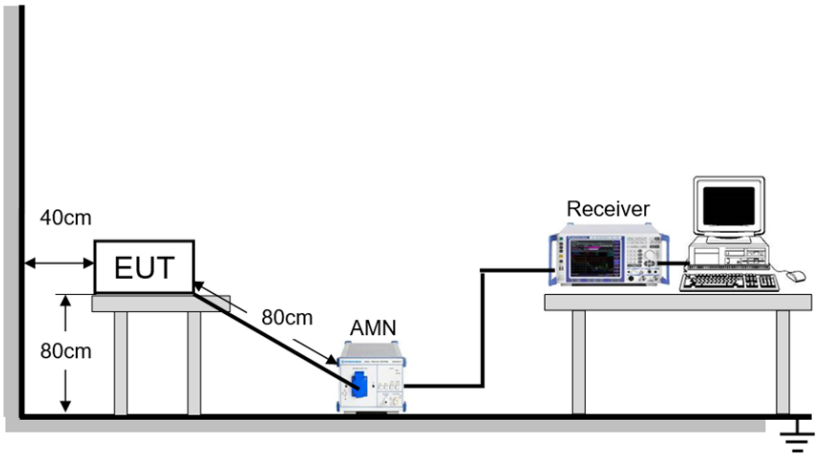
TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 6.2.

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2020.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP



TEST ENVIRONMENT

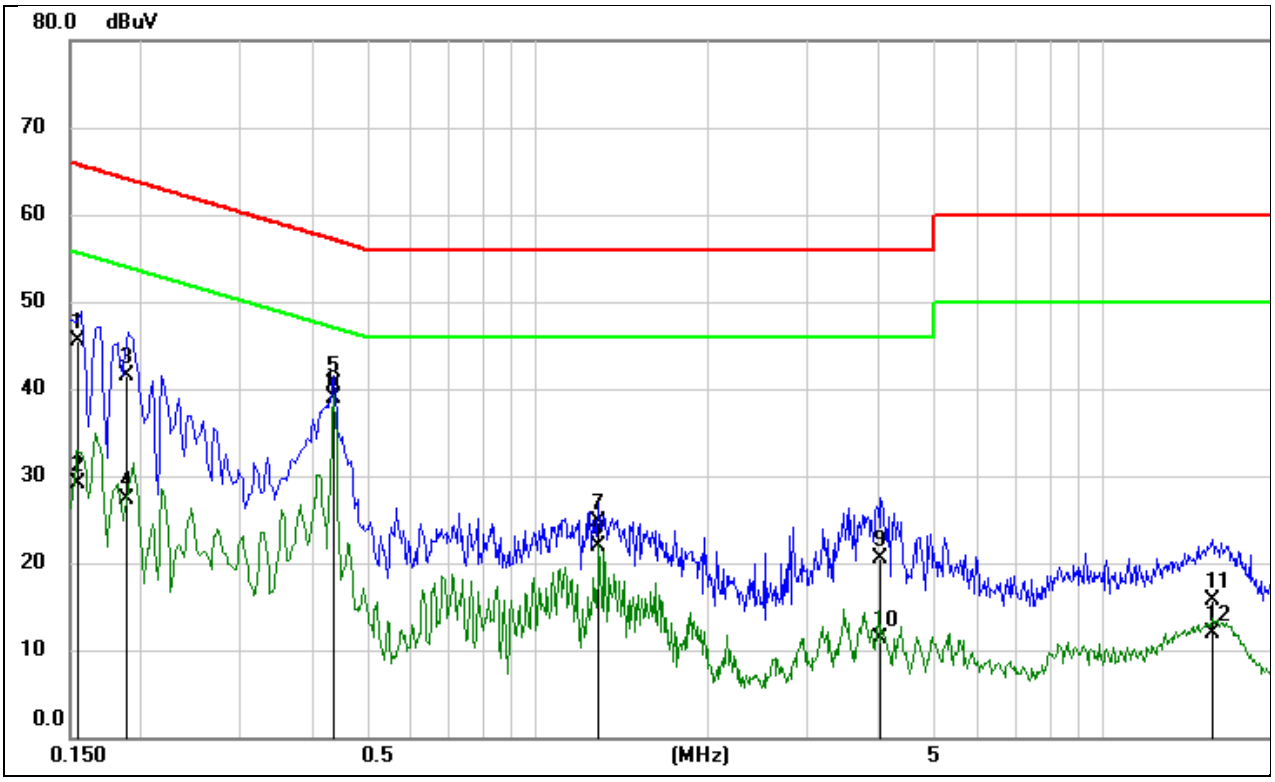
Temperature	22.5℃	Relative Humidity	53%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	January 12, 2026	Test By	Leslie Xie

TEST RESULTS

Test Mode:	802.11a20	Frequency(MHz):	5180
Line:	Line		

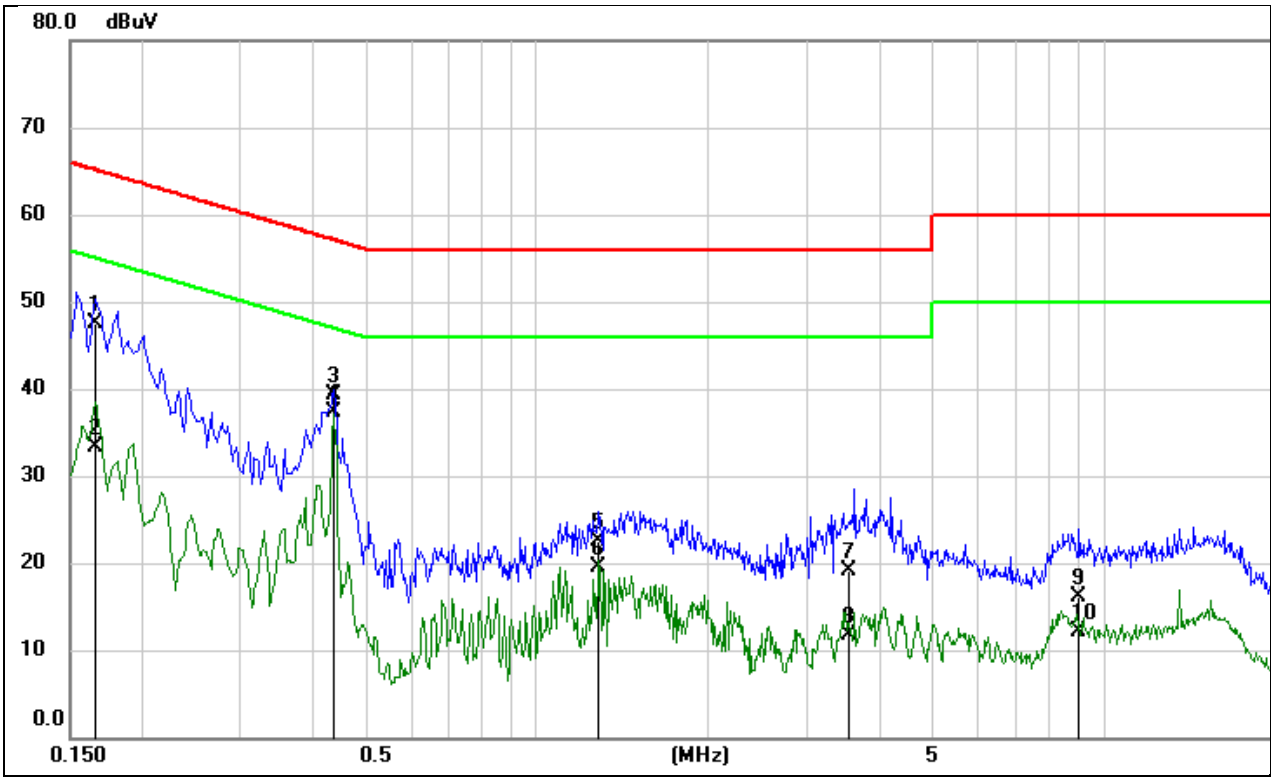


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1541	35.71	9.82	45.53	65.78	-20.25	QP
2	0.1541	19.37	9.82	29.19	55.78	-26.59	AVG
3	0.1884	31.80	9.69	41.49	64.11	-22.62	QP
4	0.1884	17.63	9.69	27.32	54.11	-26.79	AVG
5	0.4383	30.80	9.72	40.52	57.09	-16.57	QP
6	0.4383	29.12	9.72	38.84	47.09	-8.25	AVG
7	1.2869	14.89	9.73	24.62	56.00	-31.38	QP
8	1.2869	12.08	9.73	21.81	46.00	-24.19	AVG
9	4.0275	10.70	9.83	20.53	56.00	-35.47	QP
10	4.0275	1.55	9.83	11.38	46.00	-34.62	AVG
11	15.5226	5.91	9.84	15.75	60.00	-44.25	QP
12	15.5226	2.09	9.84	11.93	50.00	-38.07	AVG

Note:
1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

Test Mode:	802.11a20	Frequency(MHz):	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1652	38.04	9.54	47.58	65.20	-17.62	QP
2	0.1652	23.70	9.54	33.24	55.20	-21.96	AVG
3	0.4384	29.61	9.62	39.23	57.09	-17.86	QP
4	0.4384	27.75	9.62	37.37	47.09	-9.72	AVG
5	1.2858	13.01	9.53	22.54	56.00	-33.46	QP
6	1.2858	10.04	9.53	19.57	46.00	-26.43	AVG
7	3.5426	9.38	9.68	19.06	56.00	-36.94	QP
8	3.5426	2.12	9.68	11.80	46.00	-34.20	AVG
9	8.9607	6.26	9.76	16.02	60.00	-43.98	QP
10	8.9607	2.42	9.76	12.18	50.00	-37.82	AVG
11	25.8282	5.21	9.68	14.89	60.00	-45.11	QP
12	25.8282	1.00	9.68	10.68	50.00	-39.32	AVG

Note:
1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. 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.

Please refer to FCC part 15.407(a)
For an indoor 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.

DESCRIPTION

Pass

11. TEST DATA

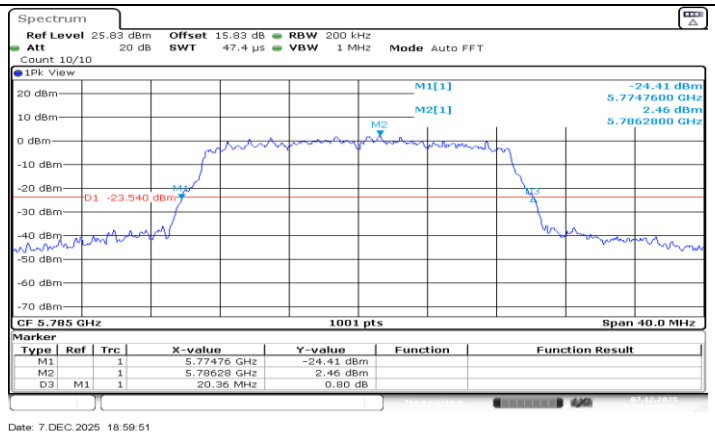
11.1. APPENDIX A: EMISSION BANDWIDTH

11.1.1. Test Result

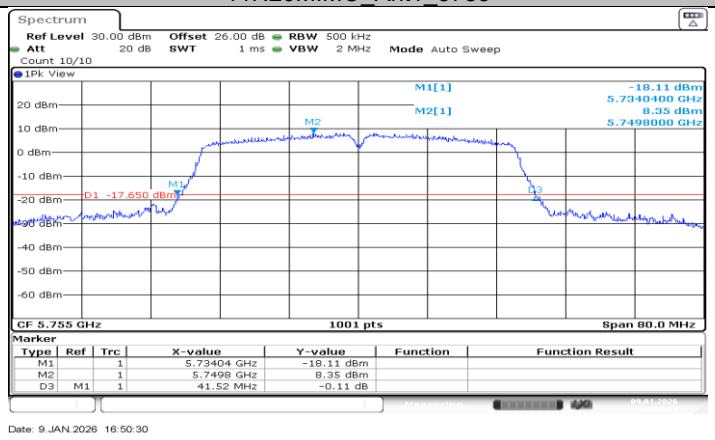
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant0	5180	20.04	5169.84	5189.88
	Ant1	5180	19.92	5170.00	5189.92
	Ant0	5200	20.12	5189.88	5210.00
	Ant1	5200	20.20	5189.84	5210.04
	Ant0	5240	20.16	5229.92	5250.08
	Ant1	5240	20.16	5229.84	5250.00
	Ant0	5260	20.04	5250.04	5270.08
	Ant1	5260	20.04	5250.00	5270.04
	Ant0	5280	20.08	5269.88	5289.96
	Ant1	5280	20.00	5269.96	5289.96
	Ant0	5320	20.28	5309.80	5330.08
	Ant1	5320	19.84	5310.00	5329.84
	Ant0	5500	19.76	5490.08	5509.84
	Ant1	5500	19.88	5489.92	5509.80
	Ant0	5580	19.96	5570.08	5590.04
	Ant1	5580	19.92	5570.04	5589.96
	Ant0	5700	20.08	5689.92	5710.00
	Ant1	5700	19.80	5690.00	5709.80
	Ant0	5720	19.92	5710.04	5729.96
	Ant1	5720	20.00	5709.84	5729.84
	Ant0	5720_UNII-2C	14.96	5710.04	5725
	Ant1	5720_UNII-2C	15.16	5709.84	5725
	Ant0	5720_UNII-3	4.96	5725	5729.96
	Ant1	5720_UNII-3	4.84	5725	5729.84
	Ant0	5745	19.76	5735.12	5754.88
	Ant1	5745	19.96	5735.04	5755.00
	Ant0	5785	19.84	5775.08	5794.92
	Ant1	5785	19.88	5774.96	5794.84
	Ant0	5825	19.88	5815.00	5834.88
	Ant1	5825	20.16	5815.04	5835.20
11N20MIMO	Ant0	5180	20.28	5169.80	5190.08
	Ant1	5180	20.20	5169.88	5190.08
	Ant0	5200	19.96	5189.92	5209.88
	Ant1	5200	19.96	5189.96	5209.92
	Ant0	5240	20.12	5229.92	5250.04
	Ant1	5240	19.72	5230.12	5249.84
	Ant0	5260	20.12	5249.88	5270.00
	Ant1	5260	20.32	5249.80	5270.12
	Ant0	5280	20.32	5269.84	5290.16
	Ant1	5280	20.24	5269.84	5290.08
	Ant0	5320	20.00	5309.96	5329.96
	Ant1	5320	19.92	5310.12	5330.04
	Ant0	5500	20.24	5489.88	5510.12
	Ant1	5500	20.24	5489.88	5510.12
	Ant0	5580	21.00	5569.52	5590.52
	Ant1	5580	20.28	5569.80	5590.08
	Ant0	5700	20.20	5689.80	5710.00
	Ant1	5700	20.16	5689.84	5710.00
	Ant0	5720	20.04	5709.96	5730.00
	Ant1	5720	20.28	5709.84	5730.12
	Ant0	5720_UNII-2C	15.04	5709.96	5725
	Ant1	5720_UNII-2C	15.16	5709.84	5725
	Ant0	5720_UNII-3	5	5725	5730.00

	Ant1	5720_UNII-3	5.12	5725	5730.12
	Ant0	5745	20.20	5734.88	5755.08
	Ant1	5745	20.08	5734.76	5754.84
	Ant0	5785	20.08	5774.88	5794.96
	Ant1	5785	20.36	5774.76	5795.12
	Ant0	5825	20.16	5814.96	5835.12
	Ant1	5825	20.12	5814.92	5835.04
11N40MIMO	Ant0	5190	41.20	5169.44	5210.64
	Ant1	5190	40.64	5169.76	5210.40
	Ant0	5230	41.12	5209.60	5250.72
	Ant1	5230	40.88	5209.60	5250.48
	Ant0	5270	40.64	5249.68	5290.32
	Ant1	5270	40.32	5249.92	5290.24
	Ant0	5310	41.12	5289.52	5330.64
	Ant1	5310	40.48	5289.84	5330.32
	Ant0	5510	41.12	5489.44	5530.56
	Ant1	5510	40.88	5489.52	5530.40
	Ant0	5550	41.04	5529.60	5570.64
	Ant1	5550	40.48	5529.76	5570.24
	Ant0	5670	41.36	5649.36	5690.72
	Ant1	5670	41.36	5649.44	5690.80
	Ant0	5710	41.20	5689.52	5730.72
	Ant1	5710	40.72	5689.60	5730.32
	Ant0	5710_UNII-2C	35.48	5689.52	5725
	Ant1	5710_UNII-2C	35.4	5689.60	5725
	Ant0	5710_UNII-3	5.72	5725	5730.72
	Ant1	5710_UNII-3	5.32	5725	5730.32
	Ant0	5755	41.52	5734.04	5775.56
	Ant1	5755	40.64	5734.76	5775.40
	Ant0	5795	41.36	5774.28	5815.64
	Ant1	5795	40.80	5774.68	5815.48
11AC80MIMO	Ant0	5210	81.28	5169.52	5250.80
	Ant1	5210	80.80	5169.52	5250.32
	Ant0	5290	81.60	5249.36	5330.96
	Ant1	5290	80.96	5249.52	5330.48
	Ant0	5530	81.44	5489.36	5570.80
	Ant1	5530	81.28	5489.36	5570.64
	Ant0	5610	81.60	5569.36	5650.96
	Ant1	5610	81.28	5569.52	5650.80
	Ant0	5690	81.76	5649.20	5730.96
	Ant1	5690	81.92	5649.04	5730.96
	Ant0	5690_UNII-2C	75.8	5649.20	5725
	Ant1	5690_UNII-2C	75.96	5649.04	5725
	Ant0	5690_UNII-3	5.96	5725	5730.96
	Ant1	5690_UNII-3	5.96	5725	5730.96
	Ant0	5775	81.92	5734.04	5815.96
	Ant1	5775	81.76	5734.52	5816.28

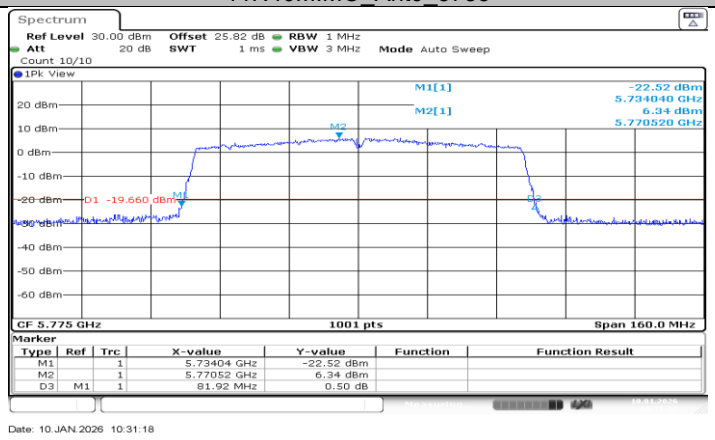
11.1.2. Test Graphs



11N20MIMO_Ant1_5785



11N40MIMO_Ant0_5755



11AC80MIMO_Ant0_5775

Note: Only one worst test plot for each bandwidth is recorded in the report as a reference for test settings. For different modes, the same settings were used for testing across different modes at the same bandwidth. (20M: 802.11a/n20; 40M: 802.11n40; 80M: 802.11ac80)

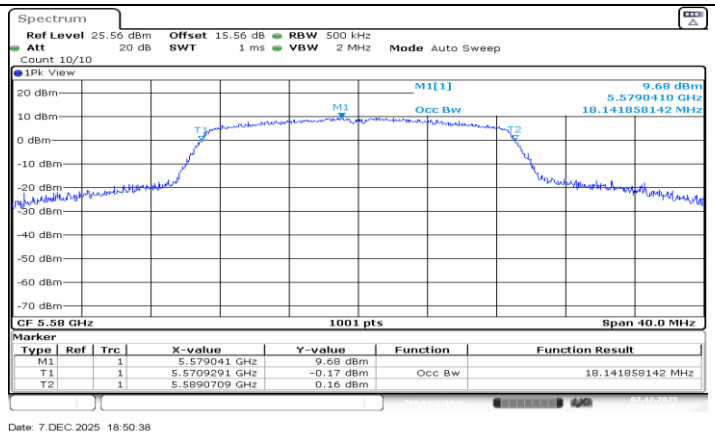
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

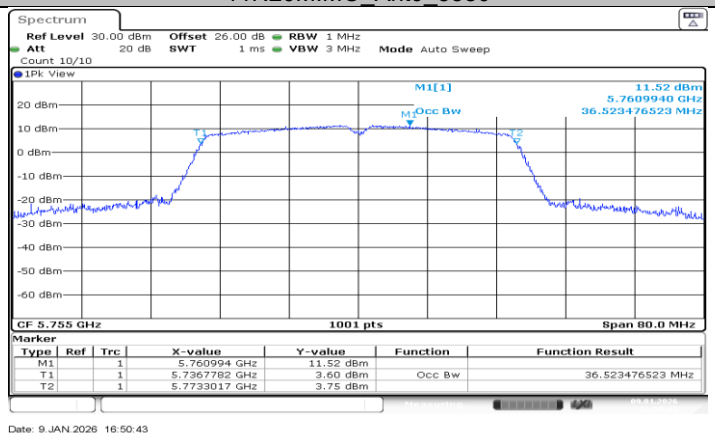
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant0	5180	17.063	5171.4486	5188.5115
	Ant1	5180	17.103	5171.4486	5188.5514
	Ant0	5200	17.183	5191.4086	5208.5914
	Ant1	5200	17.223	5191.3686	5208.5914
	Ant0	5240	17.143	5231.4086	5248.5514
	Ant1	5240	17.263	5231.3287	5248.5914
	Ant0	5260	17.103	5251.4486	5268.5514
	Ant1	5260	17.183	5251.3686	5268.5514
	Ant0	5280	17.143	5271.3686	5288.5115
	Ant1	5280	17.143	5271.4086	5288.5514
	Ant0	5320	17.183	5311.4086	5328.5914
	Ant1	5320	17.143	5311.4086	5328.5514
	Ant0	5500	17.103	5491.4086	5508.5115
	Ant1	5500	17.183	5491.3686	5508.5514
	Ant0	5580	17.223	5571.4086	5588.6314
	Ant1	5580	17.223	5571.3686	5588.5914
	Ant0	5700	17.143	5691.4086	5708.5514
	Ant1	5700	17.143	5691.4486	5708.5914
	Ant0	5720	17.143	5711.4086	5728.5514
	Ant1	5720	17.103	5711.4486	5728.5514
	Ant0	5720_UNII-2C	13.591	5711.4086	5725
	Ant1	5720_UNII-2C	13.551	5711.4486	5725
	Ant0	5720_UNII-3	3.551	5725	5728.5514
	Ant1	5720_UNII-3	3.551	5725	5728.5514
	Ant0	5745	17.183	5736.3686	5753.5514
	Ant1	5745	17.103	5736.4086	5753.5115
	Ant0	5785	17.183	5776.3686	5793.5514
	Ant1	5785	17.183	5776.4086	5793.5914
	Ant0	5825	17.143	5816.4086	5833.5514
	Ant1	5825	17.183	5816.4486	5833.6314
11N20MIMO	Ant0	5180	17.982	5171.0090	5188.9910
	Ant1	5180	17.782	5171.0889	5188.8711
	Ant0	5200	18.022	5190.9690	5208.9910
	Ant1	5200	17.782	5191.0889	5208.8711
	Ant0	5240	18.102	5230.9291	5249.0310
	Ant1	5240	17.822	5231.0889	5248.9111
	Ant0	5260	18.062	5250.9291	5268.9910
	Ant1	5260	17.782	5251.0889	5268.8711
	Ant0	5280	18.062	5270.9291	5288.9910
	Ant1	5280	17.782	5271.0889	5288.8711
	Ant0	5320	18.022	5310.9690	5328.9910
	Ant1	5320	17.782	5311.0889	5328.8711
	Ant0	5500	17.982	5490.9690	5508.9510
	Ant1	5500	17.822	5491.0889	5508.9111
	Ant0	5580	18.142	5570.9291	5589.0709
	Ant1	5580	17.862	5571.0490	5588.9111
	Ant0	5700	18.022	5690.9690	5708.9910
	Ant1	5700	17.822	5691.0889	5708.9111
	Ant0	5720	18.022	5710.9690	5728.9910
	Ant1	5720	17.782	5711.0889	5728.8711
	Ant0	5720_UNII-2C	14.031	5710.9690	5725
	Ant1	5720_UNII-2C	13.911	5711.0889	5725
	Ant0	5720_UNII-3	3.991	5725	5728.9910

	Ant1	5720_UNII-3	3.871	5725	5728.8711
	Ant0	5745	18.022	5735.9291	5753.9510
	Ant1	5745	17.742	5736.0889	5753.8312
	Ant0	5785	18.022	5775.9690	5793.9910
	Ant1	5785	17.782	5776.0889	5793.8711
	Ant0	5825	18.022	5815.9690	5833.9910
	Ant1	5825	17.822	5816.0889	5833.9111
11N40MIMO	Ant0	5190	36.284	5171.9381	5208.2218
	Ant1	5190	36.364	5171.8581	5208.2218
	Ant0	5230	36.284	5211.9381	5248.2218
	Ant1	5230	36.204	5211.9381	5248.1419
	Ant0	5270	36.364	5251.8581	5288.2218
	Ant1	5270	36.284	5251.9381	5288.2218
	Ant0	5310	36.364	5291.8581	5328.2218
	Ant1	5310	36.284	5291.9381	5328.2218
	Ant0	5510	36.444	5491.7782	5528.2218
	Ant1	5510	36.364	5491.8581	5528.2218
	Ant0	5550	36.444	5531.8581	5568.3017
	Ant1	5550	36.364	5531.9381	5568.3017
	Ant0	5670	36.523	5651.7782	5688.3017
	Ant1	5670	36.284	5651.9381	5688.2218
	Ant0	5710	36.523	5691.8581	5728.3816
	Ant1	5710	36.364	5691.9381	5728.3017
	Ant0	5710_UNII-2C	33.142	5691.8581	5725
	Ant1	5710_UNII-2C	33.062	5691.9381	5725
	Ant0	5710_UNII-3	3.382	5725	5728.3816
	Ant1	5710_UNII-3	3.302	5725	5728.3017
	Ant0	5755	36.523	5736.7782	5773.3017
	Ant1	5755	36.444	5736.8581	5773.3017
	Ant0	5795	36.523	5776.7782	5813.3017
	Ant1	5795	36.364	5776.8581	5813.2218
11AC80MIMO	Ant0	5210	75.604	5172.2777	5247.8821
	Ant1	5210	75.604	5172.2777	5247.8821
	Ant0	5290	75.764	5252.2777	5328.0420
	Ant1	5290	75.604	5252.2777	5327.8821
	Ant0	5530	75.604	5492.2777	5567.8821
	Ant1	5530	75.604	5492.2777	5567.8821
	Ant0	5610	75.604	5572.2777	5647.8821
	Ant1	5610	75.604	5572.2777	5647.8821
	Ant0	5690	75.604	5652.2777	5727.8821
	Ant1	5690	75.604	5652.2777	5727.8821
	Ant0	5690_UNII-2C	72.722	5652.2777	5725
	Ant1	5690_UNII-2C	72.722	5652.2777	5725
	Ant0	5690_UNII-3	2.882	5725	5727.8821
	Ant1	5690_UNII-3	2.882	5725	5727.8821
	Ant0	5775	75.604	5737.2777	5812.8821
	Ant1	5775	75.764	5737.2777	5813.0420

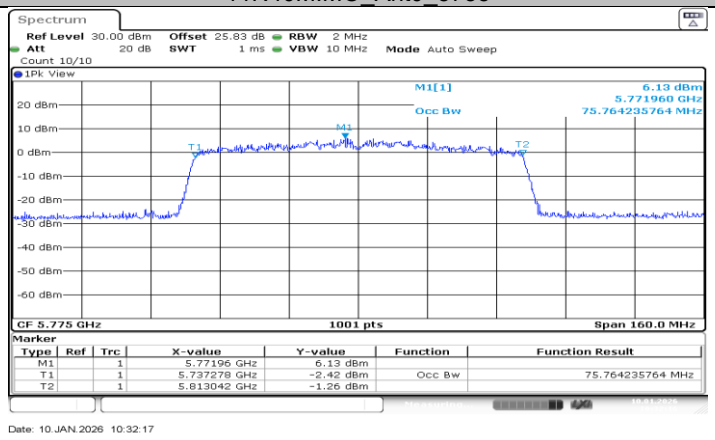
11.2.2. Test Graphs



11N20MIMO_Ant0_5580



11N40MIMO_Ant0_5755



11AC80MIMO_Ant1_5775

Note: Only one worst test plot for each bandwidth is recorded in the report as a reference for test settings. For different modes, the same settings were used for testing across different modes at the same bandwidth. (20M: 802.11a/n20; 40M: 802.11n40; 80M: 802.11ac80)

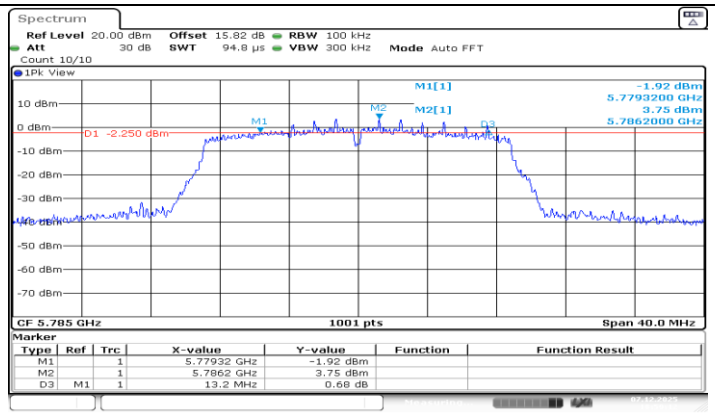
11.3. APPENDIX C: MIN EMISSION BANDWIDTH

11.3.1. Test Result

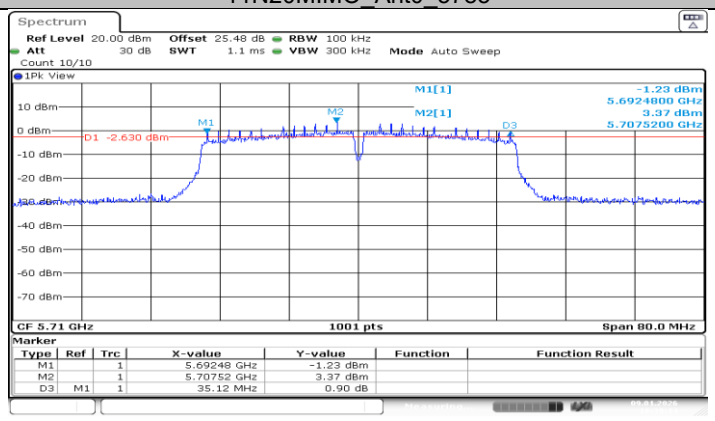
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5720	15.12	5712.40	5727.52	---	---
	Ant0	5720_UNII-2C	12.6	5712.40	5725	---	---
	Ant0	5720_UNII-3	2.52	5725	5727.52	≥0.5	PASS
	Ant0	5745	16.04	5737.04	5753.08	≥0.5	PASS
	Ant0	5785	15.72	5777.16	5792.88	≥0.5	PASS
	Ant0	5825	16.32	5816.80	5833.12	≥0.5	PASS
11N20MIMO	Ant0	5720	16.52	5711.56	5728.08	---	---
	Ant0	5720_UNII-2C	13.44	5711.56	5725	---	---
	Ant0	5720_UNII-3	3.08	5725	5728.08	≥0.5	PASS
	Ant0	5745	15.96	5736.56	5752.52	≥0.5	PASS
	Ant0	5785	13.20	5779.32	5792.52	≥0.5	PASS
	Ant0	5825	16.28	5817.08	5833.36	≥0.5	PASS
11N40MIMO	Ant0	5710	35.12	5692.48	5727.60	---	---
	Ant0	5710_UNII-2C	32.52	5692.48	5725	---	---
	Ant0	5710_UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant0	5755	35.12	5737.48	5772.60	≥0.5	PASS
	Ant0	5795	35.12	5777.48	5812.60	≥0.5	PASS
11AC80MIMO	Ant0	5690	75.20	5652.40	5727.60	---	---
	Ant0	5690_UNII-2C	72.6	5652.40	5725	---	---
	Ant0	5690_UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant0	5775	75.20	5737.40	5812.60	≥0.5	PASS

Note: All antennas have been tested, but only the worst data was recorded in the report.

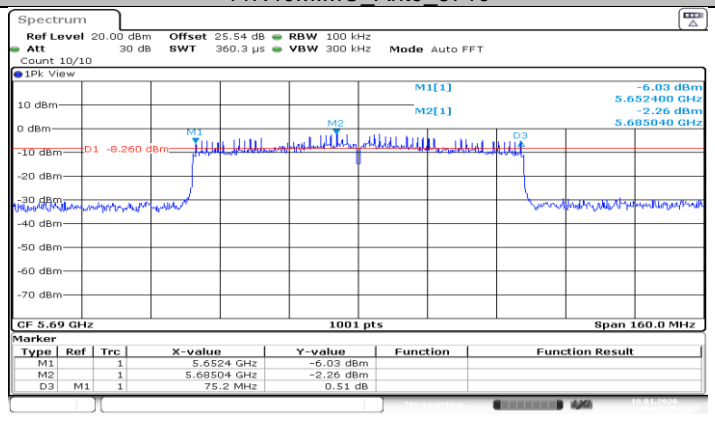
11.3.2. Test Graphs



11N20MIMO_Ant0_5785



11N40MIMO_Ant0_5710



11AC80MIMO_Ant0_5690

Note: Only one worst test plot for each bandwidth is recorded in the report as a reference for test settings. For different modes, the same settings were used for testing across different modes at the same bandwidth. (20M: 802.11a/n20; 40M: 802.11n40; 80M: 802.11ac80)

11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

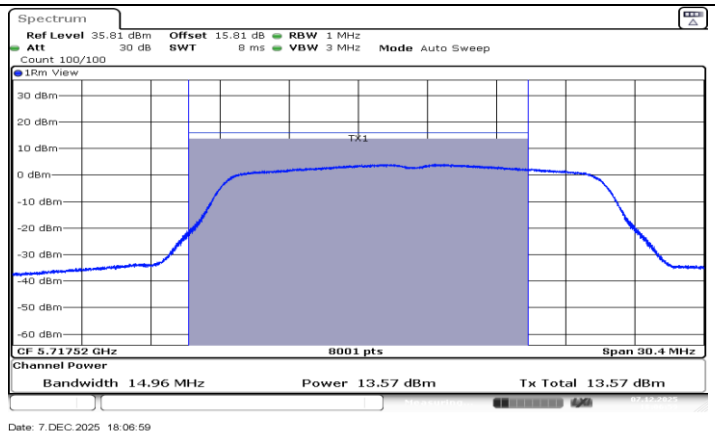
Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant0	5180	14.21	≤23.98	---	15.92	≤22.32	PASS
	Ant1	5180	14.56	≤23.98	---	16.60	≤22.33	PASS
	Ant0	5200	14.15	≤23.98	---	15.86	≤22.35	PASS
	Ant1	5200	14.00	≤23.98	---	16.04	≤22.36	PASS
	Ant0	5240	14.06	≤23.98	---	15.77	≤22.34	PASS
	Ant1	5240	13.93	≤23.98	---	15.97	≤22.37	PASS
	Ant0	5260	13.84	≤23.98	≤23.33	15.55	≤29.33	PASS
	Ant1	5260	14.25	≤23.98	≤23.35	16.29	≤29.35	PASS
	Ant0	5280	13.85	≤23.98	≤23.34	15.56	≤29.34	PASS
	Ant1	5280	14.32	≤23.98	≤23.34	16.36	≤29.34	PASS
	Ant0	5320	14.21	≤23.98	≤23.35	15.92	≤29.35	PASS
	Ant1	5320	13.59	≤23.98	≤23.34	15.63	≤29.34	PASS
	Ant0	5500	13.98	≤23.96	≤23.33	15.69	≤29.33	PASS
	Ant1	5500	14.36	≤23.98	≤23.35	16.40	≤29.35	PASS
	Ant0	5580	13.84	≤23.98	≤23.36	15.55	≤29.36	PASS
	Ant1	5580	13.71	≤23.98	≤23.36	15.75	≤29.36	PASS
	Ant0	5700	14.04	≤23.98	≤23.34	15.75	≤29.34	PASS
	Ant1	5700	14.70	≤23.97	≤23.34	16.74	≤29.34	PASS
	Ant0	5720_UNII-2C	13.57	≤22.75	≤22.33	15.28	≤28.33	PASS
	Ant1	5720_UNII-2C	13.55	≤22.81	≤22.32	15.59	≤28.32	PASS
	Ant0	5720_UNII-3	5.78	≤30.00	≤30.00	7.49	---	PASS
	Ant1	5720_UNII-3	5.98	≤30.00	≤30.00	8.02	---	PASS
	Ant0	5745	14.52	≤30.00	≤30.00	16.23	---	PASS
	Ant1	5745	14.01	≤30.00	≤30.00	16.05	---	PASS
	Ant0	5785	13.95	≤30.00	≤30.00	15.66	---	PASS
	Ant1	5785	13.46	≤30.00	≤30.00	15.50	---	PASS
	Ant0	5825	14.15	≤30.00	≤30.00	15.86	---	PASS
	Ant1	5825	13.09	≤30.00	≤30.00	15.13	---	PASS
11N20MIMO	Ant0	5180	12.83	≤23.98	---	14.54	≤22.55	PASS
	Ant1	5180	9.67	≤23.98	---	11.71	≤22.50	PASS
	total	5180	14.54	≤23.98	---	16.58	≤22.50	PASS
	Ant0	5200	12.91	≤23.98	---	14.62	≤22.56	PASS
	Ant1	5200	9.44	≤23.98	---	11.48	≤22.50	PASS
	total	5200	14.52	≤23.98	---	16.56	≤22.50	PASS
	Ant0	5240	12.76	≤23.98	---	14.47	≤22.58	PASS
	Ant1	5240	9.12	≤23.98	---	11.16	≤22.51	PASS
	total	5240	14.32	≤23.98	---	16.36	≤22.51	PASS
	Ant0	5260	15.75	≤23.98	≤23.57	17.46	≤29.57	PASS
	Ant1	5260	13.04	≤23.98	≤23.50	15.08	≤29.50	PASS
	total	5260	17.61	≤23.98	≤23.50	19.65	≤29.50	PASS
	Ant0	5280	15.74	≤23.98	≤23.57	17.45	≤29.57	PASS
	Ant1	5280	13.10	≤23.98	≤23.50	15.14	≤29.50	PASS
	total	5280	17.63	≤23.98	≤23.50	19.67	≤29.50	PASS
	Ant0	5320	16.26	≤23.98	≤23.56	17.97	≤29.56	PASS
	Ant1	5320	12.41	≤23.98	≤23.50	14.45	≤29.50	PASS
	total	5320	17.76	≤23.98	≤23.50	19.80	≤29.50	PASS
	Ant0	5500	15.84	≤23.98	≤23.55	17.55	≤29.55	PASS
	Ant1	5500	13.21	≤23.98	≤23.51	15.25	≤29.51	PASS
	total	5500	17.73	≤23.98	≤23.51	19.77	≤29.51	PASS
	Ant0	5580	15.73	≤23.98	≤23.59	17.44	≤29.59	PASS
	Ant1	5580	12.67	≤23.98	≤23.52	14.71	≤29.52	PASS
	total	5580	17.47	≤23.98	≤23.52	19.51	≤29.52	PASS
	Ant0	5700	14.91	≤23.98	≤23.56	16.62	≤29.56	PASS
	Ant1	5700	12.61	≤23.98	≤23.51	14.65	≤29.51	PASS

	total	5700	16.92	≤23.98	≤23.51	18.96	≤29.51	PASS
	Ant0	5720_UNII-2C	14.42	≤22.77	≤22.47	16.13	≤28.47	PASS
	Ant1	5720_UNII-2C	12.34	≤22.81	≤22.43	14.38	≤28.43	PASS
	total	5720_UNII-2C	16.51	≤22.77	≤22.43	18.55	≤28.43	PASS
	Ant0	5720_UNII-3	7.09	≤30.00	≤30.00	8.80	---	PASS
	Ant1	5720_UNII-3	5.18	≤30.00	≤30.00	7.22	---	PASS
	total	5720_UNII-3	9.25	≤30.00	≤30.00	11.29	---	PASS
	Ant0	5745	14.45	≤30.00	≤30.00	16.16	---	PASS
	Ant1	5745	12.81	≤30.00	≤30.00	14.85	---	PASS
	total	5745	16.72	≤30.00	≤30.00	18.76	---	PASS
	Ant0	5785	13.96	≤30.00	≤30.00	15.67	---	PASS
	Ant1	5785	12.41	≤30.00	≤30.00	14.45	---	PASS
	total	5785	16.26	≤30.00	≤30.00	18.30	---	PASS
	Ant0	5825	13.98	≤30.00	≤30.00	15.69	---	PASS
	Ant1	5825	12.07	≤30.00	≤30.00	14.11	---	PASS
	total	5825	16.14	≤30.00	≤30.00	18.18	---	PASS
11N40MIMO	Ant0	5190	15.85	≤23.98	---	17.56	≤23.00	PASS
	Ant1	5190	12.01	≤23.98	---	14.05	≤23.00	PASS
	total	5190	17.35	≤23.98	---	19.39	≤23.00	PASS
	Ant0	5230	16.14	≤23.98	---	17.85	≤23.00	PASS
	Ant1	5230	11.73	≤23.98	---	13.77	≤23.00	PASS
	total	5230	17.48	≤23.98	---	19.52	≤23.00	PASS
	Ant0	5270	16.12	≤23.98	≤23.98	17.83	≤30.00	PASS
	Ant1	5270	11.69	≤23.98	≤23.98	13.73	≤30.00	PASS
	total	5270	17.46	≤23.98	≤23.98	19.50	≤30.00	PASS
	Ant0	5310	16.47	≤23.98	≤23.98	18.18	≤30.00	PASS
	Ant1	5310	11.75	≤23.98	≤23.98	13.79	≤30.00	PASS
	total	5310	17.73	≤23.98	≤23.98	19.77	≤30.00	PASS
	Ant0	5510	16.29	≤23.98	≤23.98	18.00	≤30.00	PASS
	Ant1	5510	11.78	≤23.98	≤23.98	13.82	≤30.00	PASS
	total	5510	17.61	≤23.98	≤23.98	19.65	≤30.00	PASS
	Ant0	5550	16.44	≤23.98	≤23.98	18.15	≤30.00	PASS
	Ant1	5550	11.98	≤23.98	≤23.98	14.02	≤30.00	PASS
	total	5550	17.77	≤23.98	≤23.98	19.81	≤30.00	PASS
	Ant0	5670	16.37	≤23.98	≤23.98	18.08	≤30.00	PASS
	Ant1	5670	12.15	≤23.98	≤23.98	14.19	≤30.00	PASS
	total	5670	17.76	≤23.98	≤23.98	19.80	≤30.00	PASS
	Ant0	5710_UNII-2C	16.28	≤23.98	≤23.98	17.99	≤30.00	PASS
	Ant1	5710_UNII-2C	10.98	≤23.98	≤23.98	13.02	≤30.00	PASS
	total	5710_UNII-2C	17.40	≤23.98	≤23.98	19.44	≤30.00	PASS
	Ant0	5710_UNII-3	3.81	≤30.00	≤30.00	5.52	---	PASS
	Ant1	5710_UNII-3	-1.49	≤30.00	≤30.00	0.55	---	PASS
	total	5710_UNII-3	4.93	≤30.00	≤30.00	6.97	---	PASS
	Ant0	5755	16.75	≤30.00	≤30.00	18.46	---	PASS
	Ant1	5755	11.79	≤30.00	≤30.00	13.83	---	PASS
	total	5755	17.95	≤30.00	≤30.00	19.99	---	PASS
	Ant0	5795	16.41	≤30.00	≤30.00	18.12	---	PASS
	Ant1	5795	11.45	≤30.00	≤30.00	13.49	---	PASS
	total	5795	17.61	≤30.00	≤30.00	19.65	---	PASS
11AC80MIMO	Ant0	5210	14.55	≤23.98	---	16.26	≤23.00	PASS
	Ant1	5210	8.16	≤23.98	---	10.20	≤23.00	PASS
	total	5210	15.45	≤23.98	---	17.49	≤23.00	PASS
	Ant0	5290	14.49	≤23.98	≤23.98	16.20	≤30.00	PASS
	Ant1	5290	7.86	≤23.98	≤23.98	9.90	≤30.00	PASS
	total	5290	15.34	≤23.98	≤23.98	17.38	≤30.00	PASS
	Ant0	5530	13.01	≤23.98	≤23.98	14.72	≤30.00	PASS
	Ant1	5530	6.19	≤23.98	≤23.98	8.23	≤30.00	PASS
	total	5530	13.83	≤23.98	≤23.98	15.87	≤30.00	PASS
	Ant0	5610	14.76	≤23.98	≤23.98	16.47	≤30.00	PASS
	Ant1	5610	7.97	≤23.98	≤23.98	10.01	≤30.00	PASS

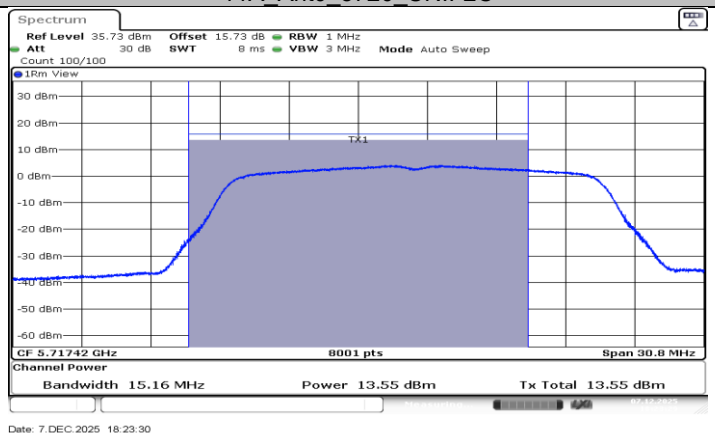
	total	5610	15.59	≤23.98	≤23.98	17.63	≤30.00	PASS
	Ant0	5690_UNII-2C	14.14	≤23.98	≤23.98	15.85	≤30.00	PASS
	Ant1	5690_UNII-2C	7.54	≤23.98	≤23.98	9.58	≤30.00	PASS
	total	5690_UNII-2C	15.00	≤23.98	≤23.98	17.04	≤30.00	PASS
	Ant0	5690_UNII-3	-2.02	≤30.00	≤30.00	-0.31	---	PASS
	Ant1	5690_UNII-3	-7.56	≤30.00	≤30.00	-5.52	---	PASS
	total	5690_UNII-3	-0.95	≤30.00	≤30.00	1.09	---	PASS
	Ant0	5775	14.61	≤30.00	≤30.00	16.32	---	PASS
	Ant1	5775	7.98	≤30.00	≤30.00	10.02	---	PASS
	total	5775	15.46	≤30.00	≤30.00	17.50	---	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.4.2. Test Graphs

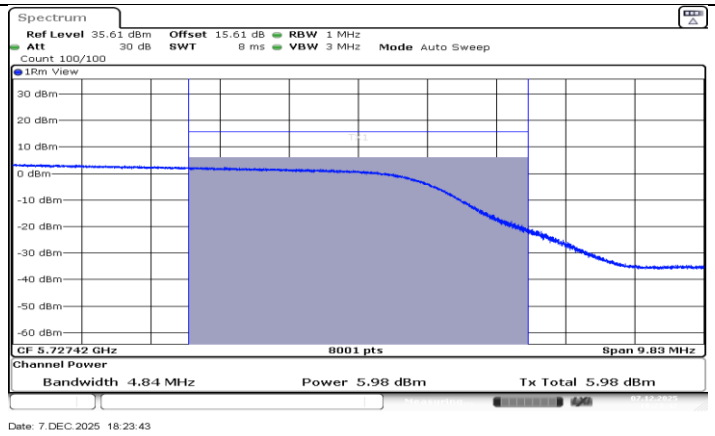


11A_Ant0_5720_UNII-2C

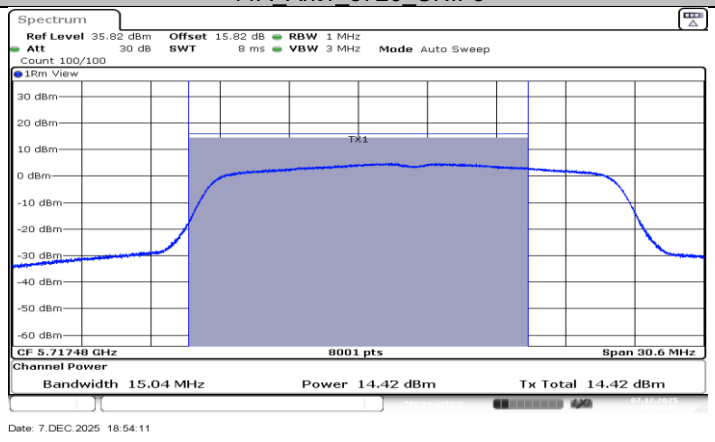


11A_Ant1_5720_UNII-2C

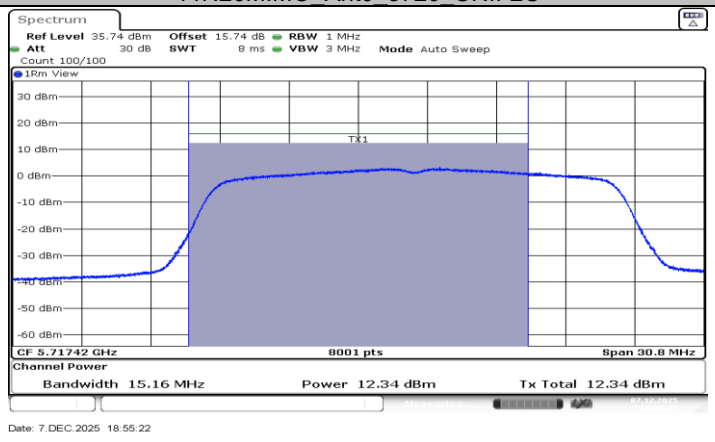
11A_Ant0_5720_UNII-3



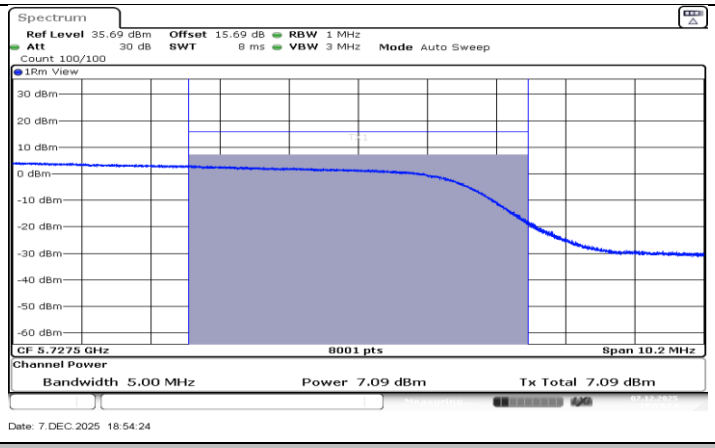
11A_Ant1_5720_UNII-3



11N20MIMO_Ant0_5720_UNII-2C

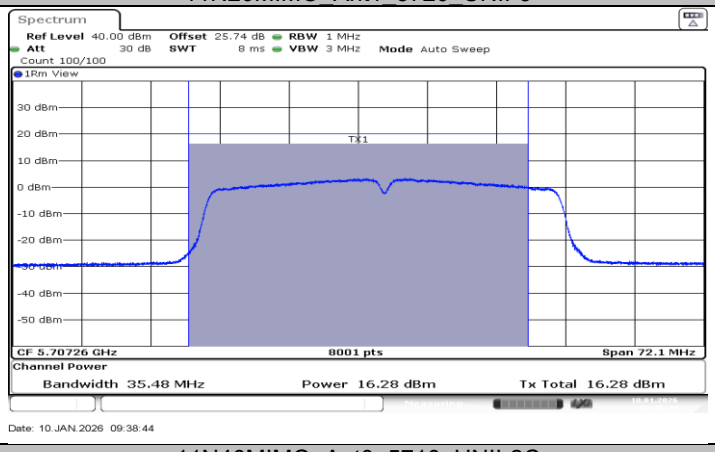


11N20MIMO_Ant1_5720_UNII-2C

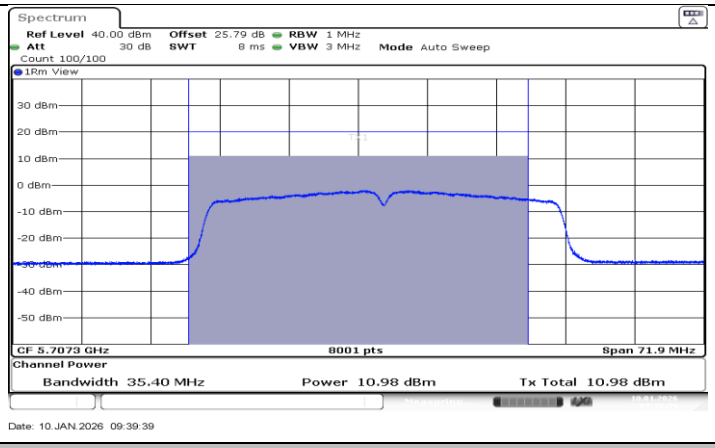


11N20MIMO_Ant0_5720_UNII-3

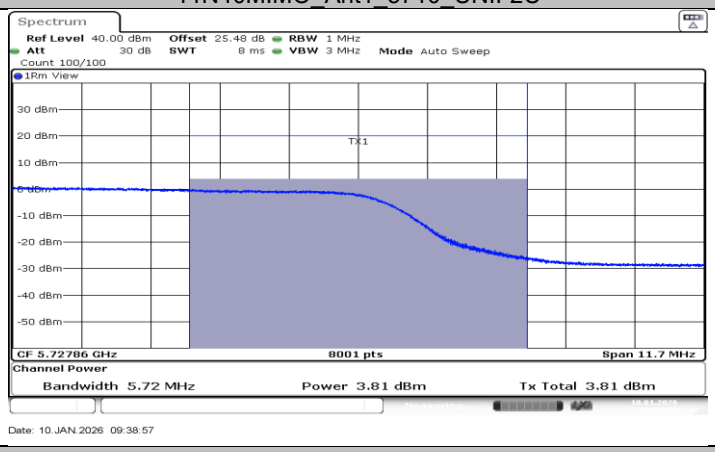
11N20MIMO_Ant1_5720_UNII-3



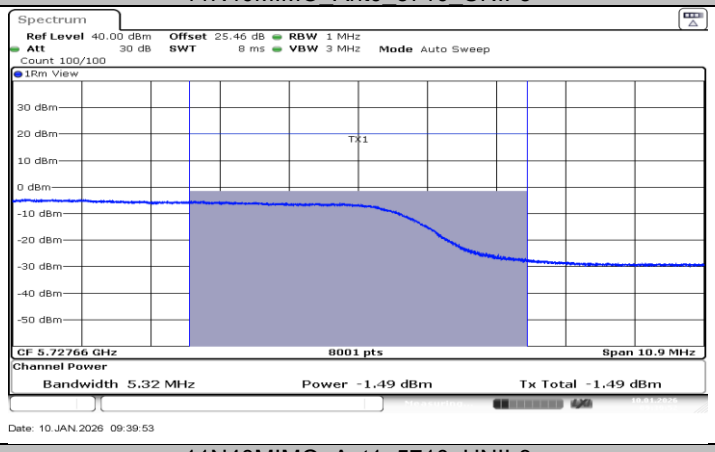
11N40MIMO_Ant0_5710_UNII-2C



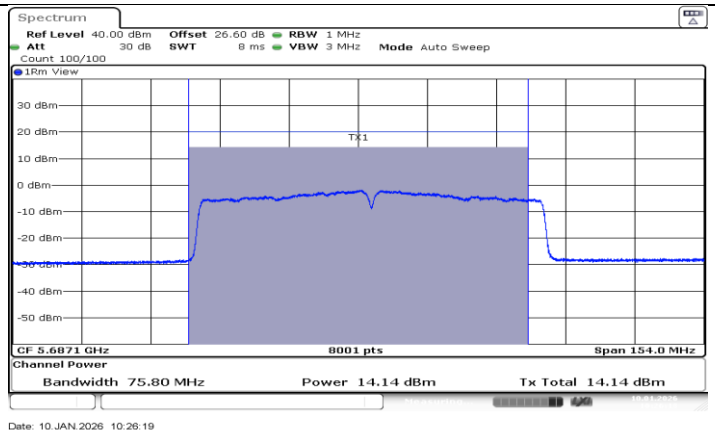
11N40MIMO_Ant1_5710_UNII-2C



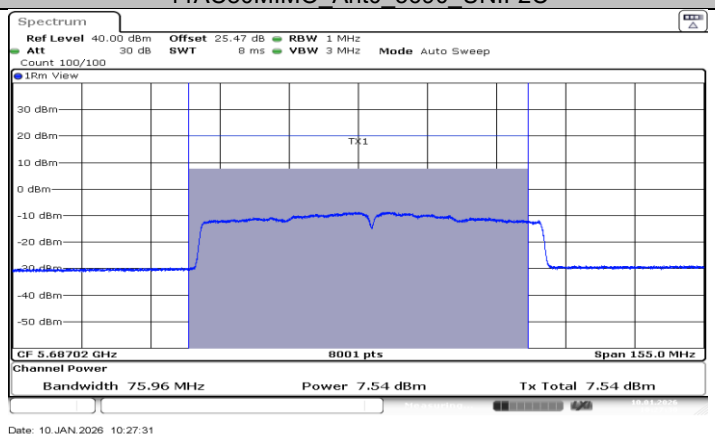
11N40MIMO_Ant0_5710_UNII-3



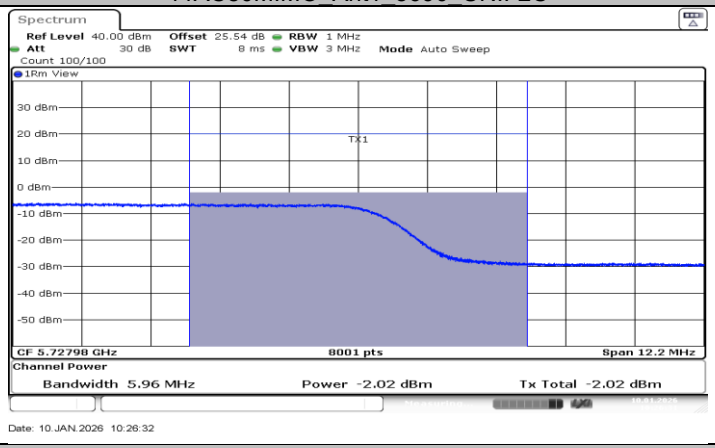
11N40MIMO_Ant1_5710_UNII-3



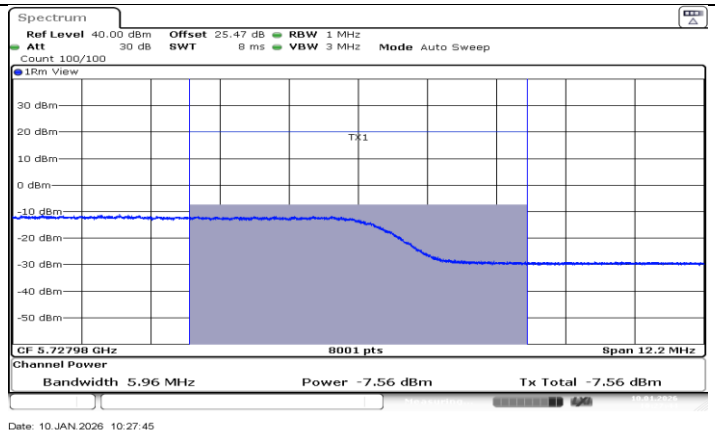
11AC80MIMO_Ant0_5690_UNII-2C



11AC80MIMO_Ant1_5690_UNII-2C



11AC80MIMO_Ant0_5690_UNII-3



11AC80MIMO_Ant1_5690_UNII-3

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

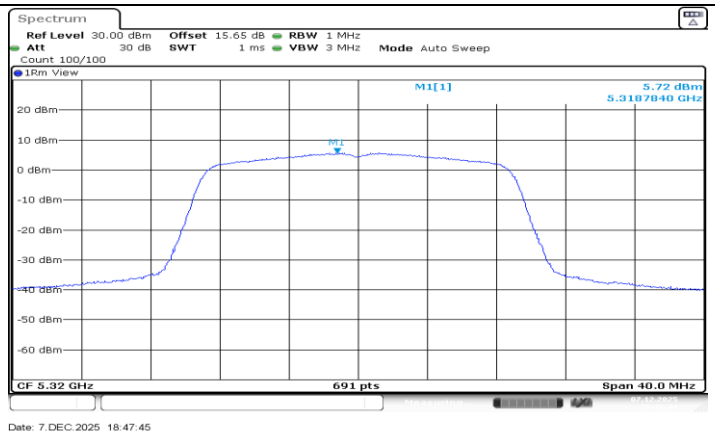
Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant0	5180	3.84	≤11.00	5.55	≤10.00	PASS
	Ant1	5180	4.20	≤11.00	6.24	≤10.00	PASS
	Ant0	5200	3.93	≤11.00	5.64	≤10.00	PASS
	Ant1	5200	3.75	≤11.00	5.79	≤10.00	PASS
	Ant0	5240	3.81	≤11.00	5.52	≤10.00	PASS
	Ant1	5240	3.46	≤11.00	5.50	≤10.00	PASS
	Ant0	5260	3.53	≤11.00	5.24	---	PASS
	Ant1	5260	3.82	≤11.00	5.86	---	PASS
	Ant0	5280	3.30	≤11.00	5.01	---	PASS
	Ant1	5280	4.12	≤11.00	6.16	---	PASS
	Ant0	5320	3.95	≤11.00	5.66	---	PASS
	Ant1	5320	3.30	≤11.00	5.34	---	PASS
	Ant0	5500	3.67	≤11.00	5.38	---	PASS
	Ant1	5500	3.89	≤11.00	5.93	---	PASS
	Ant0	5580	3.67	≤11.00	5.38	---	PASS
	Ant1	5580	3.48	≤11.00	5.52	---	PASS
	Ant0	5700	3.61	≤11.00	5.32	---	PASS
	Ant1	5700	4.41	≤11.00	6.45	---	PASS
	Ant0	5720_UNII-2C	3.97	≤11.00	5.68	---	PASS
	Ant1	5720_UNII-2C	3.93	≤11.00	5.97	---	PASS
	Ant0	5720_UNII-3	-0.75	≤30.00	0.96	---	PASS
	Ant1	5720_UNII-3	-0.82	≤30.00	1.22	---	PASS
	Ant0	5745	1.40	≤30.00	3.11	---	PASS
	Ant1	5745	0.81	≤30.00	2.85	---	PASS
	Ant0	5785	0.84	≤30.00	2.55	---	PASS
	Ant1	5785	0.27	≤30.00	2.31	---	PASS
	Ant0	5825	0.92	≤30.00	2.63	---	PASS
	Ant1	5825	-0.10	≤30.00	1.94	---	PASS
11N20MIMO	Ant0	5180	2.28	≤11.00	3.99	≤10.00	PASS
	Ant1	5180	-0.78	≤11.00	1.26	≤10.00	PASS
	total	5180	4.02	≤11.00	9.07	≤10.00	PASS
	Ant0	5200	2.24	≤11.00	3.95	≤10.00	PASS
	Ant1	5200	-0.96	≤11.00	1.08	≤10.00	PASS
	total	5200	3.94	≤11.00	8.99	≤10.00	PASS
	Ant0	5240	2.20	≤11.00	3.91	≤10.00	PASS
	Ant1	5240	-1.29	≤11.00	0.75	≤10.00	PASS
	total	5240	3.81	≤11.00	8.86	≤10.00	PASS
	Ant0	5260	5.37	≤11.00	7.08	---	PASS
	Ant1	5260	2.56	≤11.00	4.60	---	PASS
	total	5260	7.20	≤11.00	12.25	---	PASS
	Ant0	5280	5.30	≤11.00	7.01	---	PASS
	Ant1	5280	2.66	≤11.00	4.70	---	PASS
	total	5280	7.19	≤11.00	12.24	---	PASS
	Ant0	5320	5.72	≤11.00	7.43	---	PASS
	Ant1	5320	1.96	≤11.00	4.00	---	PASS
	total	5320	7.25	≤11.00	12.30	---	PASS
	Ant0	5500	5.32	≤11.00	7.03	---	PASS
	Ant1	5500	2.82	≤11.00	4.86	---	PASS
	total	5500	7.26	≤11.00	12.31	---	PASS
	Ant0	5580	5.22	≤11.00	6.93	---	PASS
	Ant1	5580	2.14	≤11.00	4.18	---	PASS
	total	5580	6.96	≤11.00	12.01	---	PASS
	Ant0	5700	4.55	≤11.00	6.26	---	PASS
	Ant1	5700	2.11	≤11.00	4.15	---	PASS
	total	5700	6.51	≤11.00	11.56	---	PASS

	Ant0	5720_UNII-2C	4.65	≤11.00	6.36	---	PASS
	Ant1	5720_UNII-2C	2.63	≤11.00	4.67	---	PASS
	total	5720_UNII-2C	6.77	≤11.00	11.82	---	PASS
	Ant0	5720_UNII-3	0.07	≤30.00	1.78	---	PASS
	Ant1	5720_UNII-3	-1.83	≤30.00	0.21	---	PASS
	total	5720_UNII-3	2.23	≤30.00	7.28	---	PASS
	Ant0	5745	1.16	≤30.00	2.87	---	PASS
	Ant1	5745	-0.48	≤30.00	1.56	---	PASS
	total	5745	3.43	≤30.00	8.48	---	PASS
	Ant0	5785	0.76	≤30.00	2.47	---	PASS
	Ant1	5785	-0.69	≤30.00	1.35	---	PASS
	total	5785	3.11	≤30.00	8.16	---	PASS
	Ant0	5825	0.61	≤30.00	2.32	---	PASS
	Ant1	5825	-1.00	≤30.00	1.04	---	PASS
	total	5825	2.89	≤30.00	7.94	---	PASS
11N40MIMO	Ant0	5190	2.67	≤11.00	4.38	≤10.00	PASS
	Ant1	5190	-1.42	≤11.00	0.62	≤10.00	PASS
	total	5190	4.10	≤11.00	9.15	≤10.00	PASS
	Ant0	5230	2.75	≤11.00	4.46	≤10.00	PASS
	Ant1	5230	-1.52	≤11.00	0.52	≤10.00	PASS
	total	5230	4.13	≤11.00	9.18	≤10.00	PASS
	Ant0	5270	2.55	≤11.00	4.26	---	PASS
	Ant1	5270	-1.73	≤11.00	0.31	---	PASS
	total	5270	3.93	≤11.00	8.98	---	PASS
	Ant0	5310	3.01	≤11.00	4.72	---	PASS
	Ant1	5310	-1.75	≤11.00	0.29	---	PASS
	total	5310	4.26	≤11.00	9.31	---	PASS
	Ant0	5510	3.08	≤11.00	4.79	---	PASS
	Ant1	5510	-1.37	≤11.00	0.67	---	PASS
	total	5510	4.41	≤11.00	9.46	---	PASS
	Ant0	5550	3.07	≤11.00	4.78	---	PASS
	Ant1	5550	-1.45	≤11.00	0.59	---	PASS
	total	5550	4.38	≤11.00	9.43	---	PASS
	Ant0	5670	2.94	≤11.00	4.65	---	PASS
	Ant1	5670	-1.28	≤11.00	0.76	---	PASS
	total	5670	4.33	≤11.00	9.38	---	PASS
	Ant0	5710_UNII-2C	3.13	≤11.00	4.84	---	PASS
	Ant1	5710_UNII-2C	-2.09	≤11.00	-0.05	---	PASS
	total	5710_UNII-2C	4.27	≤11.00	9.32	---	PASS
	Ant0	5710_UNII-3	-3.19	≤30.00	-1.48	---	PASS
	Ant1	5710_UNII-3	-8.10	≤30.00	-6.06	---	PASS
	total	5710_UNII-3	-1.97	≤30.00	3.08	---	PASS
	Ant0	5755	0.54	≤30.00	2.25	---	PASS
	Ant1	5755	-4.34	≤30.00	-2.30	---	PASS
	total	5755	1.76	≤30.00	6.81	---	PASS
	Ant0	5795	0.04	≤30.00	1.75	---	PASS
	Ant1	5795	-4.88	≤30.00	-2.84	---	PASS
	total	5795	1.25	≤30.00	6.30	---	PASS
11AC80MIMO	Ant0	5210	-1.82	≤11.00	-0.11	≤10.00	PASS
	Ant1	5210	-8.24	≤11.00	-6.20	≤10.00	PASS
	total	5210	-0.93	≤11.00	4.12	≤10.00	PASS
	Ant0	5290	-1.71	≤11.00	0.00	---	PASS
	Ant1	5290	-8.70	≤11.00	-6.66	---	PASS
	total	5290	-0.92	≤11.00	4.13	---	PASS
	Ant0	5530	-3.67	≤11.00	-1.96	---	PASS
	Ant1	5530	-10.00	≤11.00	-7.96	---	PASS
	total	5530	-2.76	≤11.00	2.29	---	PASS
	Ant0	5610	-1.69	≤11.00	0.02	---	PASS
	Ant1	5610	-7.84	≤11.00	-5.80	---	PASS
	total	5610	-0.75	≤11.00	4.30	---	PASS

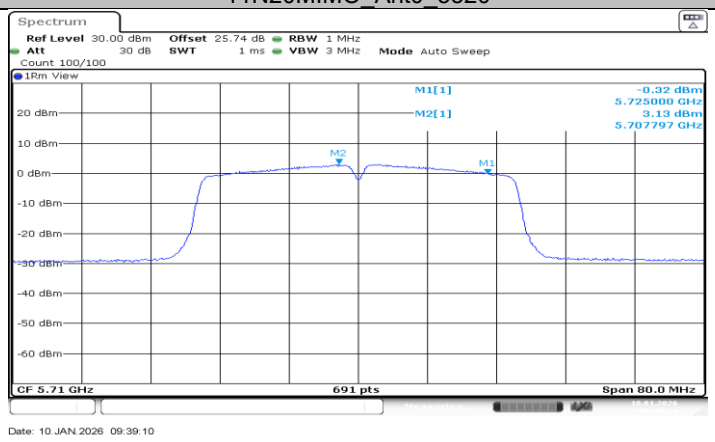
	Ant1	5690_UNII-2C	-4.81	≤11.00	-3.10	---	PASS
	Ant2	5690_UNII-2C	-6.14	≤11.00	-4.10	---	PASS
	total	5690_UNII-2C	-2.41	≤11.00	2.64	---	PASS
	Ant1	5690_UNII-3	-8.75	≤30.00	-7.04	---	PASS
	Ant2	5690_UNII-3	-9.30	≤30.00	-7.26	---	PASS
	total	5690_UNII-3	-6.01	≤30.00	-0.96	---	PASS
	Ant1	5775	-7.48	≤30.00	-5.77	---	PASS
	Ant2	5775	-8.21	≤30.00	-6.17	---	PASS
	total	5775	-4.82	≤30.00	0.23	---	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

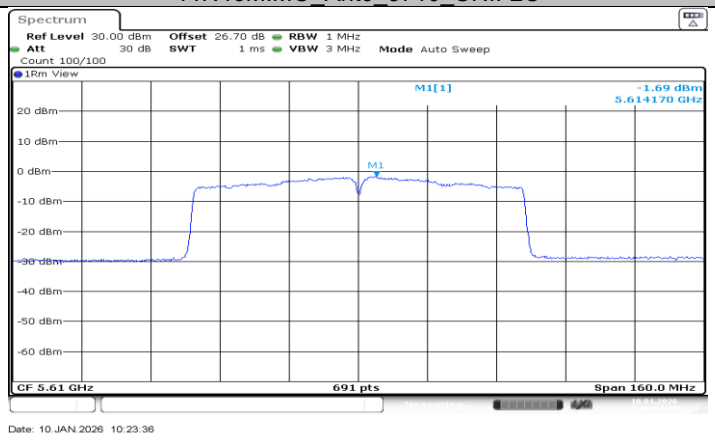
11.5.2. Test Graphs



11N20MIMO_Ant0_5320



11N40MIMO_Ant0_5710_UNII-2C



11AC80MIMO_Ant0_5610

Note: Only one worst test plot for each bandwidth is recorded in the report as a reference for test settings. For different modes, the same settings were used for testing across different modes at the same bandwidth. (20M: 802.11a/n20; 40M: 802.11n40; 80M: 802.11ac80)

11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5180MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5180.0236	4.55	5179.9986	-0.26	5179.9789	-4.07	5180.0156	3.00
TN	VN	5180.0233	4.49	5179.9867	-2.57	5179.9773	-4.38	5179.9905	-1.83
TN	VH	5180.0165	3.19	5180.0078	1.51	5179.9834	-3.20	5179.9942	-1.13
Frequency Error vs. Temperature									
802.11a:5180MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5180.0072	1.38	5180.0182	3.52	5179.9999	-0.02	5180.0192	3.71
60	VN	5180.0067	1.30	5179.9951	-0.94	5179.9856	-2.77	5179.9769	-4.45
50	VN	5179.9931	-1.33	5180.0071	1.37	5179.9801	-3.85	5180.0151	2.91
40	VN	5179.9976	-0.46	5179.9859	-2.72	5180.0233	4.50	5180.0244	4.71
30	VN	5179.9920	-1.55	5179.9781	-4.23	5180.0180	3.47	5179.9963	-0.72
20	VN	5180.0122	2.36	5179.9771	-4.43	5179.9955	-0.87	5179.9791	-4.03
10	VN	5179.9844	-3.01	5180.0239	4.62	5179.9921	-1.53	5180.0200	3.86
0	VN	5180.0004	0.08	5180.0210	4.05	5180.0087	1.69	5179.9865	-2.61

Note:
1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

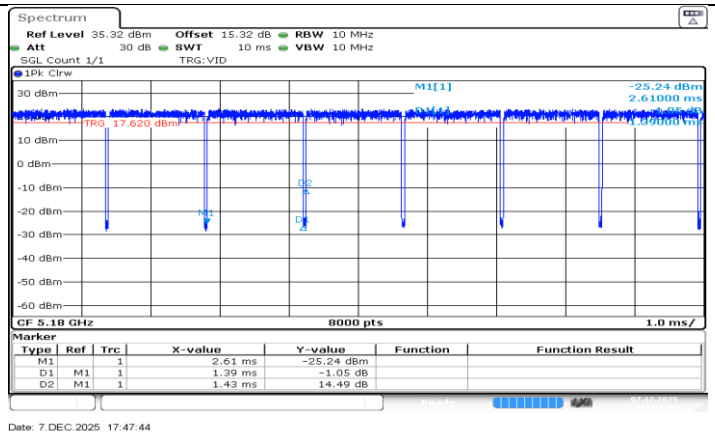
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

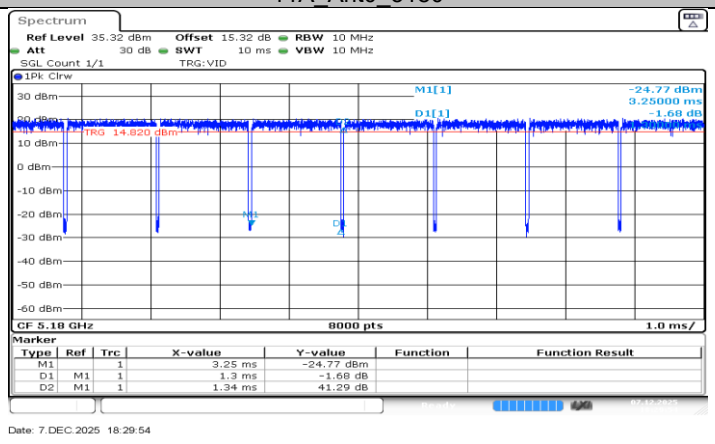
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	1.39	1.43	0.9720	97.20	0.12	0.72	1
11N20MIMO	1.3	1.34	0.9701	97.01	0.13	0.77	1
11N40MIMO	0.65	0.69	0.9420	94.20	0.26	1.54	2
11AC80MIMO	0.18	0.23	0.7826	78.26	1.06	5.56	6

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

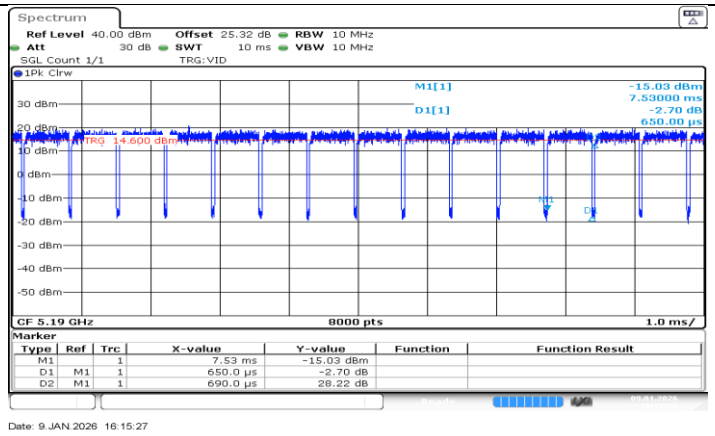
11.7.2. Test Graphs



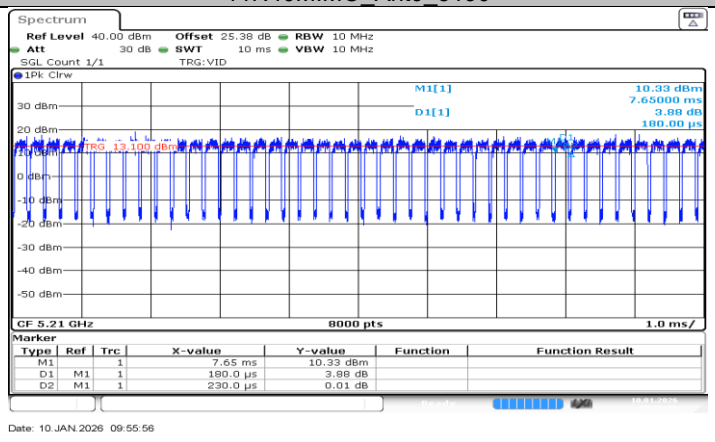
11A_Ant0_5180



11N20MIMO_Ant0_5180



11N40MIMO_Ant0_5190



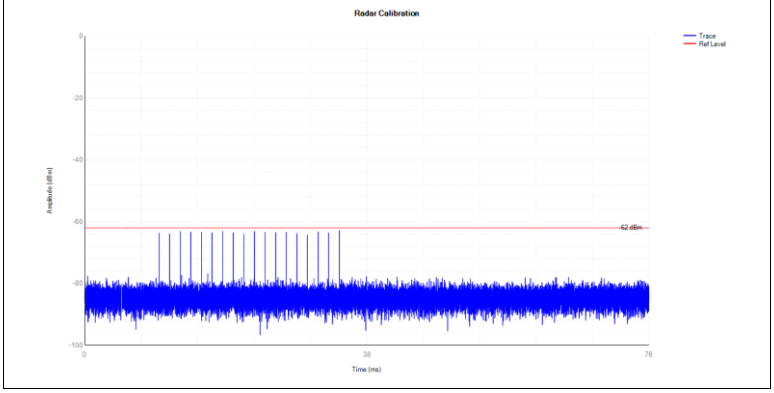
11AC80MIMO_Ant0_5210

11.8. APPENDIX H: DFS

11.8.1. Calibration

Mode	Frequency (MHz)	Type	Result	Verdict
AC80	5530	DFS_FCC_T0	See test Graph	Pass

Test Graphs
5530MHz DFS_FCC_T0

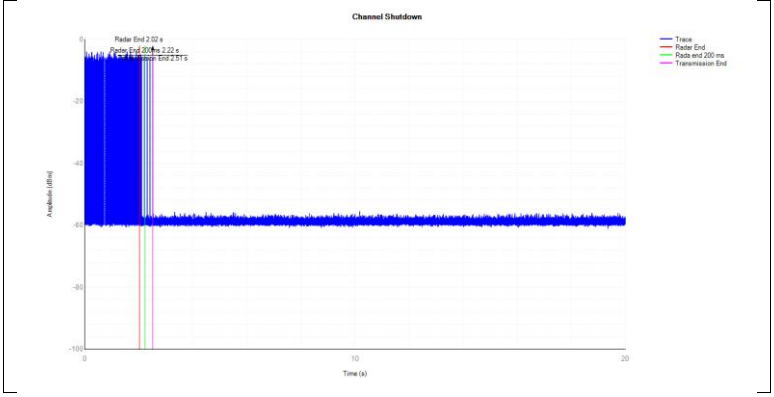


11.8.2. Shutdown Time

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
AC80	5530	0.49	10	0.018	0.26	0.003	0.06	Pass

Test Graphs

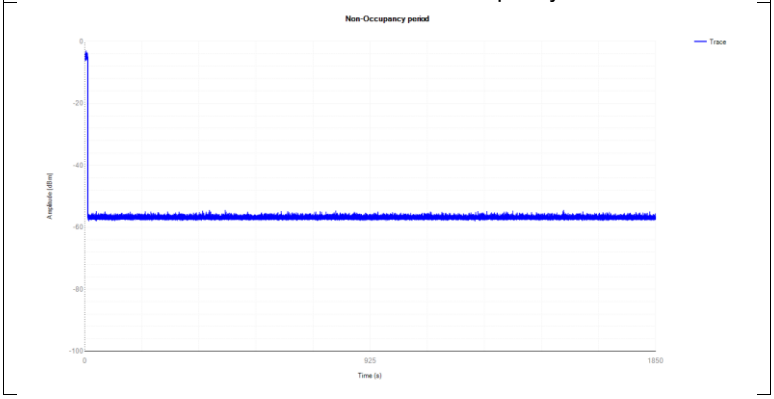
AC80 5530MHz Shutdown



11.8.3. Non-Occupancy

Mode	Frequency (MHz)	Result	Verdict
AC80	5530	See test Graph	Pass

Test Graphs
AC80 5530MHz Non-Occupancy



END OF REPORT