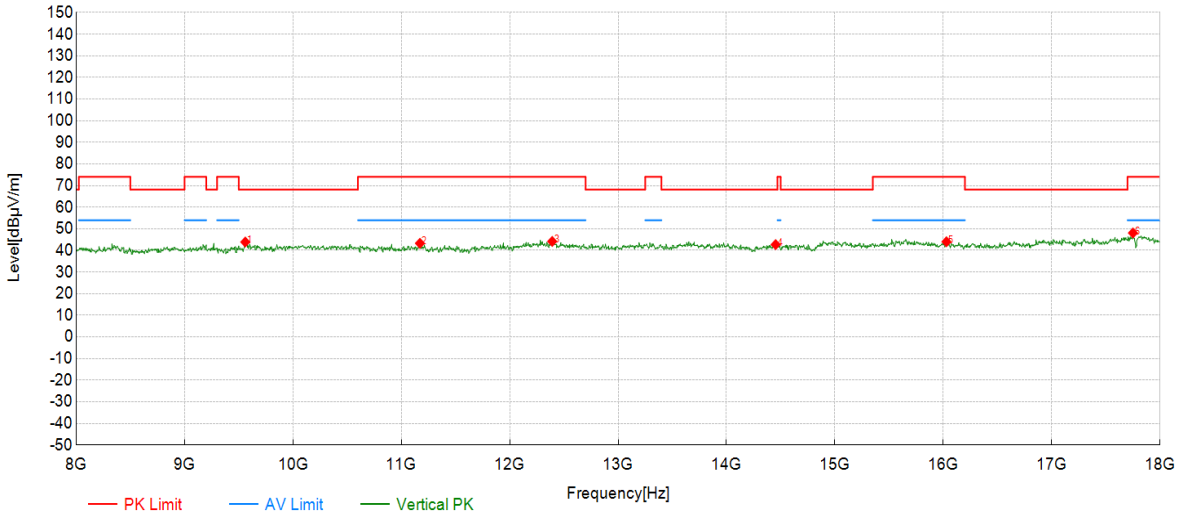
Project Information			
Test Mode	802.11ac VHT	Frequency	5610
Bandwidth	80M	Voltage	\
Environment	Temp: 22.5℃; Humi:69%	Test Date	2025-10-26
Note	\	Engineer	Leslie Xie

Test Graph

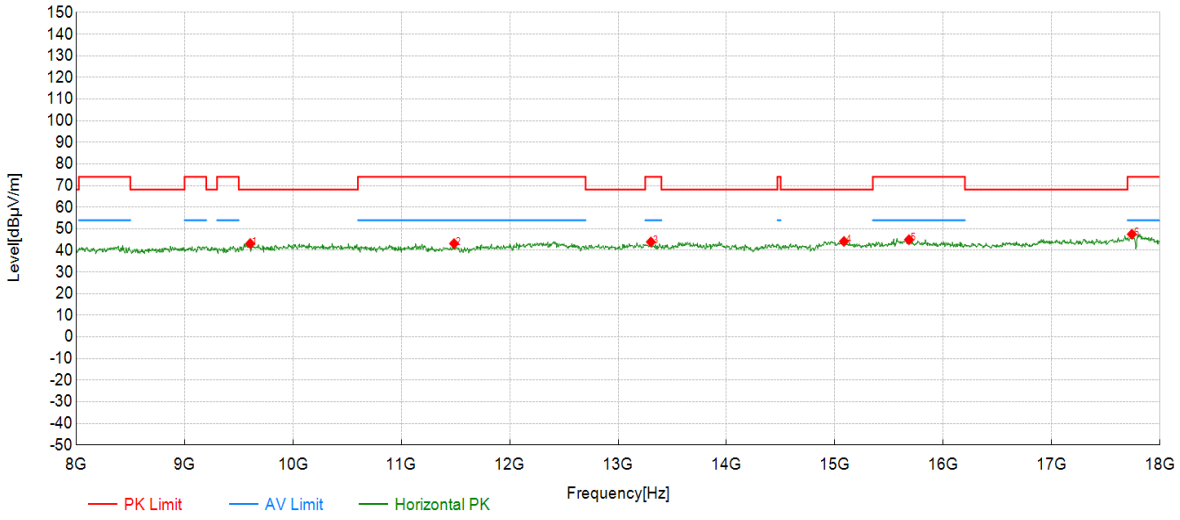


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9560.78	52.23	43.89	-8.34	68.20	24.31	PK	Vertical	PASS
2	11171.59	49.03	43.30	-5.73	74.00	30.70	PK	Vertical	PASS
3	12392.20	50.42	44.17	-6.25	74.00	29.83	PK	Vertical	PASS
4	14453.23	49.16	42.70	-6.46	68.20	25.50	PK	Vertical	PASS
5	16029.01	47.75	44.02	-3.73	74.00	29.98	PK	Vertical	PASS
6	17749.87	47.04	48.08	1.04	74.00	25.92	PK	Vertical	PASS

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

Project Information			
Test Mode	802.11ac VHT	Frequency	5690
Bandwidth	80M	Voltage	\
Environment	Temp: 22.5℃; Humi:69%	Test Date	2025-10-26
Note	\	Engineer	Leslie Xie

Test Graph



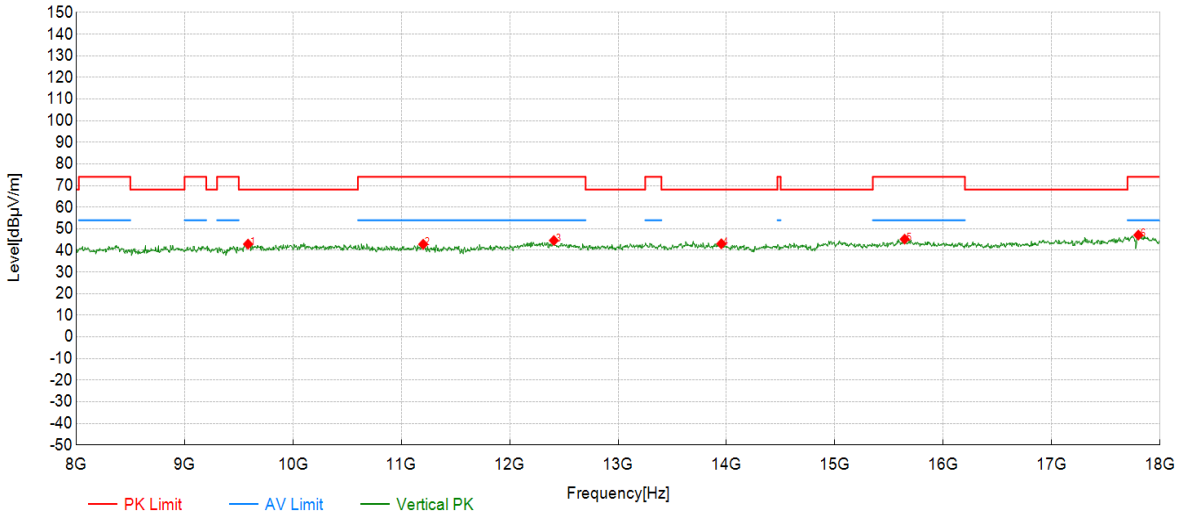
PEAK Data List

NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9605.80	51.14	43.19	-7.95	68.20	25.01	PK	Horizontal	PASS
2	11486.74	50.24	43.18	-7.06	74.00	30.82	PK	Horizontal	PASS
3	13302.65	52.41	43.94	-8.47	74.00	30.06	PK	Horizontal	PASS
4	15083.54	49.04	44.15	-4.89	68.20	24.05	PK	Horizontal	PASS
5	15683.84	48.76	44.97	-3.79	74.00	29.03	PK	Horizontal	PASS
6	17739.87	46.58	47.51	0.93	74.00	26.49	PK	Horizontal	PASS

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

Project Information			
Test Mode	802.11ac VHT	Frequency	5690
Bandwidth	80M	Voltage	\
Environment	Temp: 22.5℃; Humi:69%	Test Date	2025-10-26
Note	\	Engineer	Leslie Xie

Test Graph



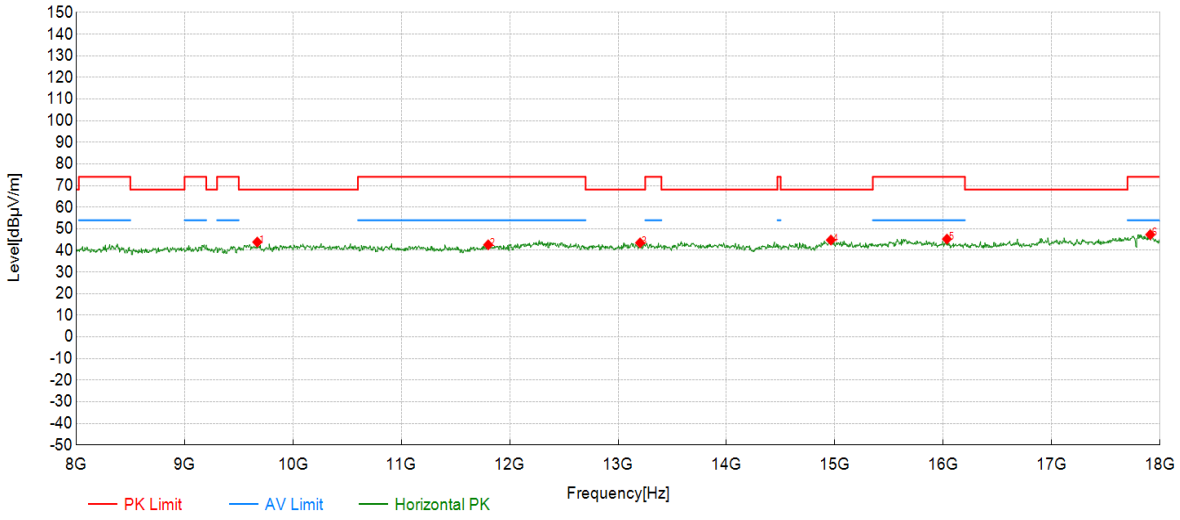
PEAK Data List

NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9585.79	51.00	42.94	-8.06	68.20	25.26	PK	Vertical	PASS
2	11201.60	48.48	42.84	-5.64	74.00	31.16	PK	Vertical	PASS
3	12407.20	50.86	44.60	-6.26	74.00	29.40	PK	Vertical	PASS
4	13952.98	50.68	43.08	-7.60	68.20	25.12	PK	Vertical	PASS
5	15643.82	48.97	45.22	-3.75	74.00	28.78	PK	Vertical	PASS
6	17799.90	45.44	47.12	1.68	74.00	26.88	PK	Vertical	PASS

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

Project Information			
Test Mode	802.11ac VHT	Frequency	5775
Bandwidth	80M	Voltage	\
Environment	Temp: 22.5℃; Humi:69%	Test Date	2025-10-26
Note	\	Engineer	Leslie Xie

Test Graph

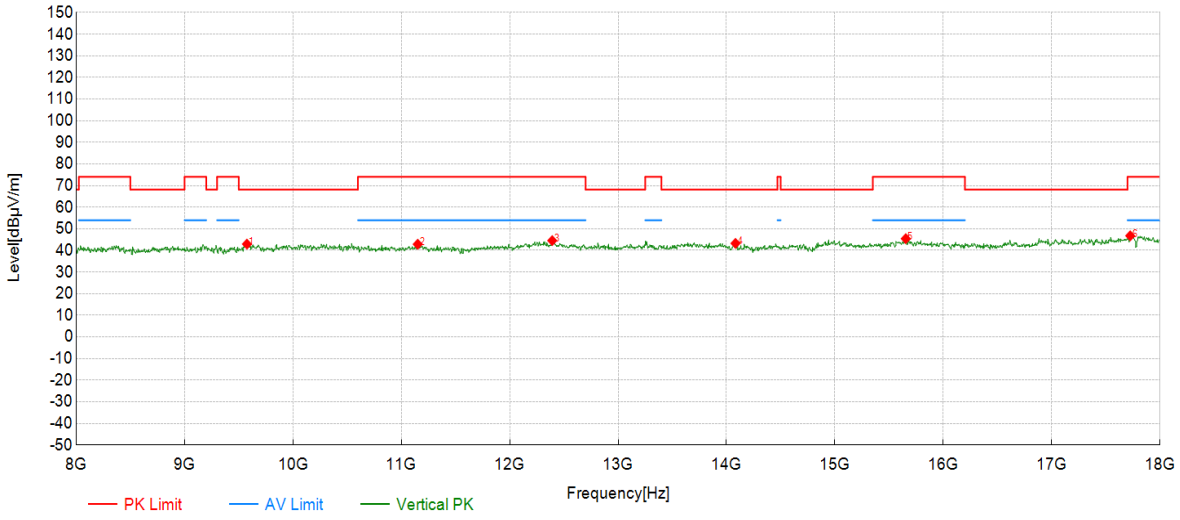


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9670.84	52.39	43.87	-8.52	68.20	24.33	PK	Horizontal	PASS
2	11801.90	50.00	42.62	-7.38	74.00	31.38	PK	Horizontal	PASS
3	13202.60	52.28	43.52	-8.76	68.20	24.68	PK	Horizontal	PASS
4	14963.48	49.45	44.80	-4.65	68.20	23.40	PK	Horizontal	PASS
5	16034.02	49.01	45.27	-3.74	74.00	28.73	PK	Horizontal	PASS
6	17909.95	46.64	47.32	0.68	74.00	26.68	PK	Horizontal	PASS

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

Project Information			
Test Mode	802.11ac VHT	Frequency	5775
Bandwidth	80M	Voltage	\
Environment	Temp: 22.5℃; Humi:69%	Test Date	2025-10-26
Note	\	Engineer	Leslie Xie

Test Graph



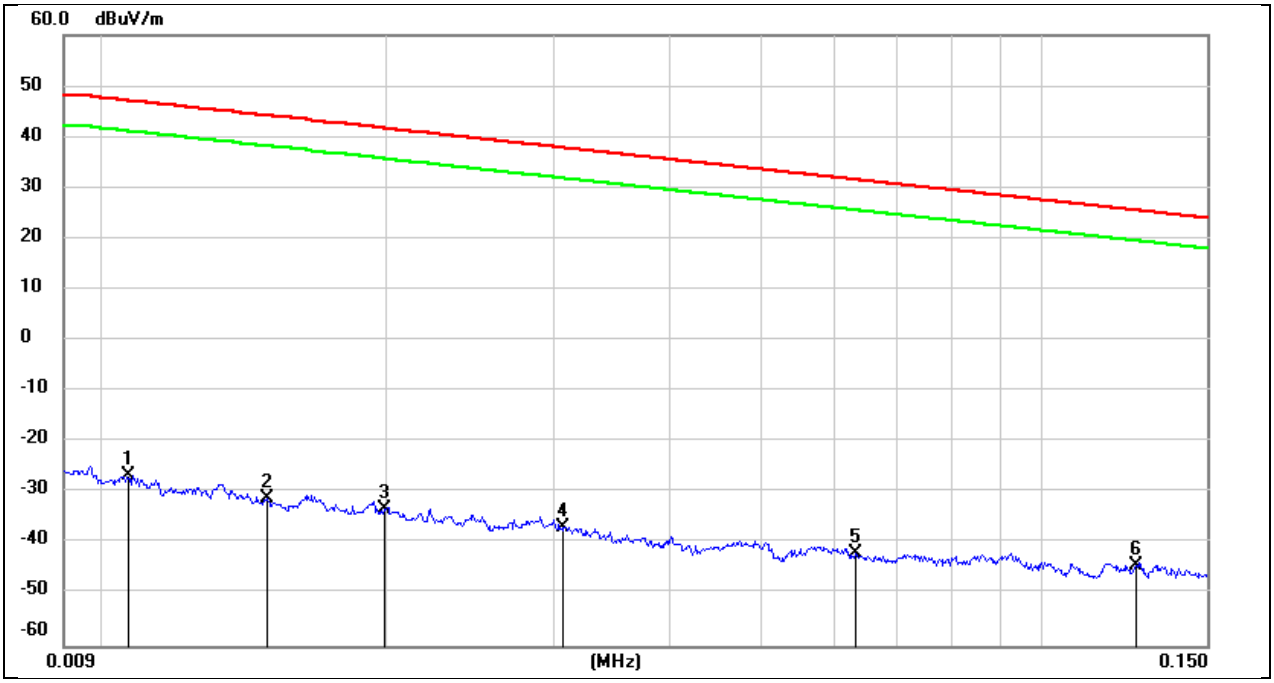
PEAK Data List

NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9575.79	51.13	42.95	-8.18	68.20	25.25	PK	Vertical	PASS
2	11151.58	48.65	42.87	-5.78	74.00	31.13	PK	Vertical	PASS
3	12392.20	50.80	44.55	-6.25	74.00	29.45	PK	Vertical	PASS
4	14083.04	50.70	43.28	-7.42	68.20	24.92	PK	Vertical	PASS
5	15653.83	49.20	45.44	-3.76	74.00	28.56	PK	Vertical	PASS
6	17724.86	46.05	46.78	0.73	74.00	27.22	PK	Vertical	PASS

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

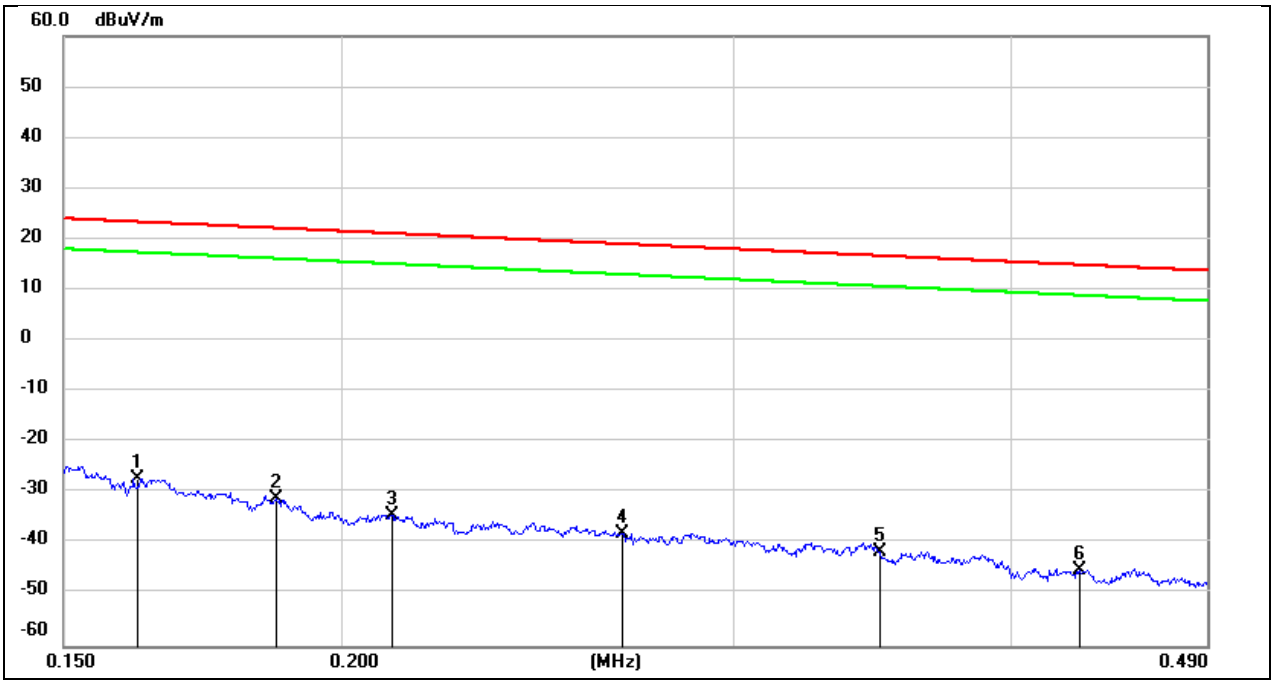
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

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



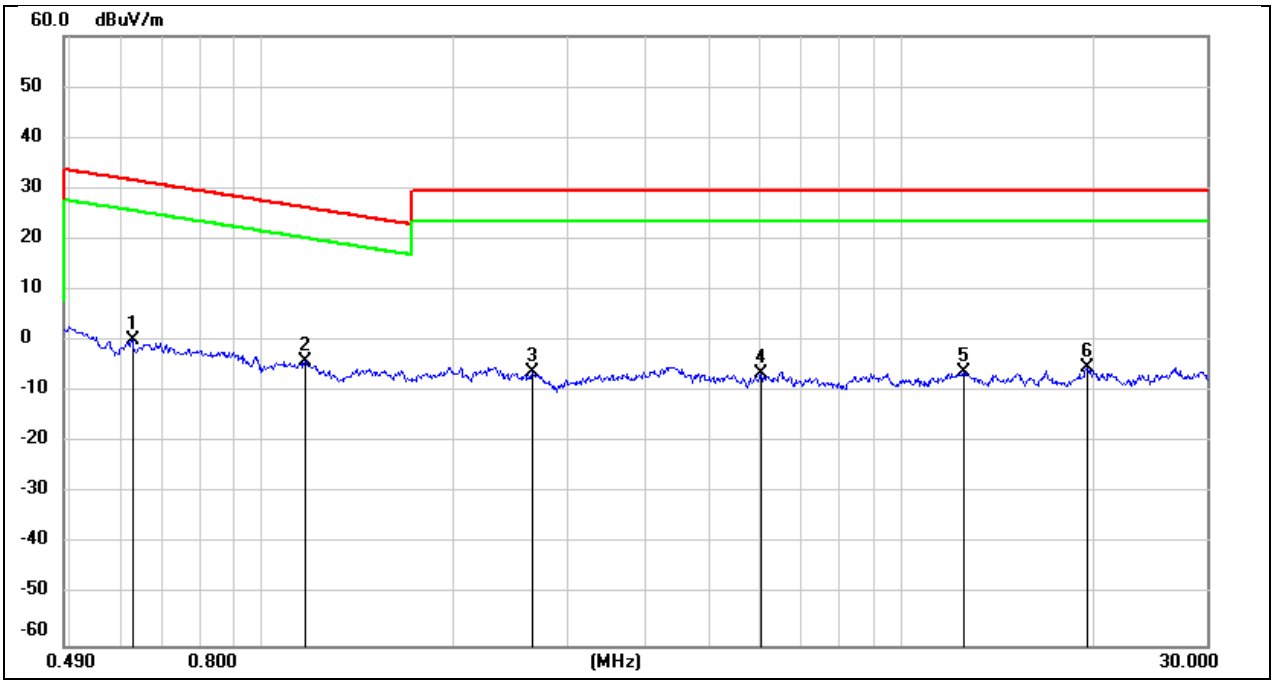
No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0106	74.88	-101.39	-26.51	47.09	-78.01	-4.41	-73.60	peak
2	0.0149	70.29	-101.37	-31.08	44.14	-82.58	-7.36	-75.22	peak
3	0.0198	68.28	-101.34	-33.06	41.67	-84.56	-9.83	-74.73	peak
4	0.0307	64.76	-101.39	-36.63	37.86	-88.13	-13.64	-74.49	peak
5	0.0631	59.63	-101.54	-41.91	31.60	-93.41	-19.90	-73.51	peak
6	0.1262	57.49	-101.72	-44.23	25.59	-95.73	-25.91	-69.82	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	0.1621	74.42	-101.65	-27.23	23.41	-78.73	-28.09	-50.64	peak
2	0.1869	70.54	-101.70	-31.16	22.17	-82.66	-29.33	-53.33	peak
3	0.2106	67.52	-101.73	-34.21	21.13	-85.71	-30.37	-55.34	peak
4	0.2676	64.01	-101.82	-37.81	19.05	-89.31	-32.45	-56.86	peak
5	0.3496	60.35	-101.91	-41.56	16.73	-93.06	-34.77	-58.29	peak
6	0.4294	56.96	-101.99	-45.03	14.94	-96.53	-36.56	-59.97	peak

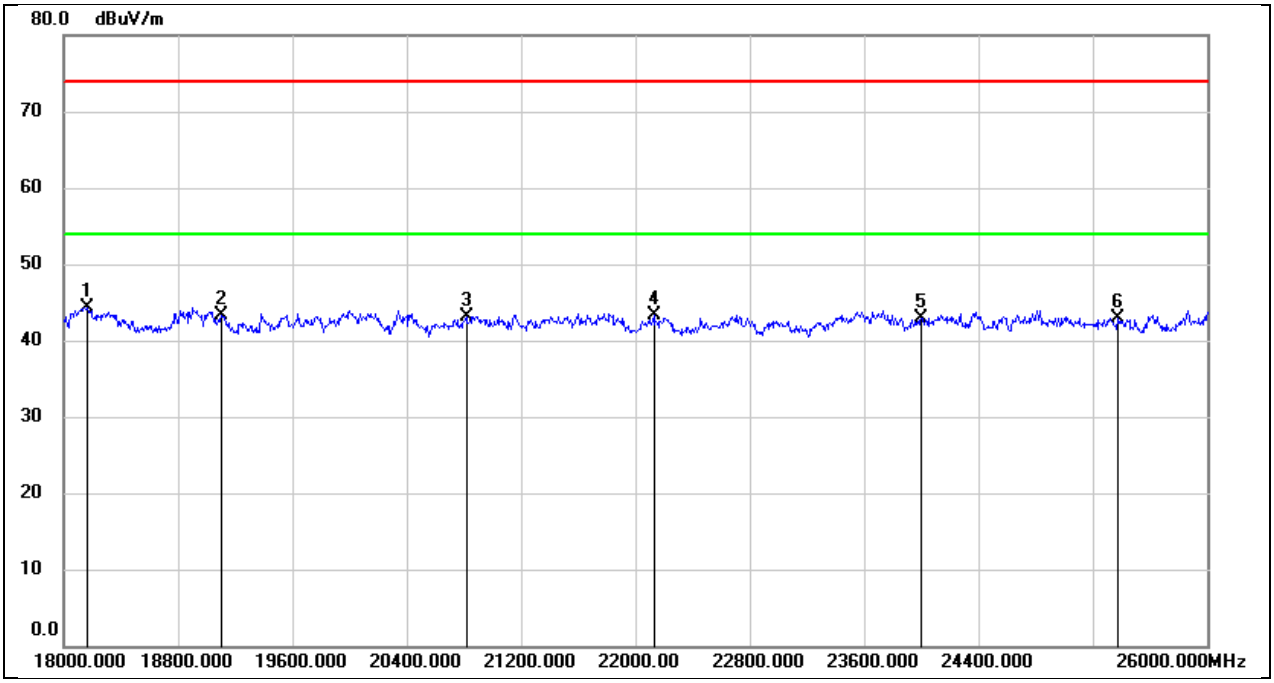
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



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	0.6270	62.15	-62.09	0.06	31.66	-51.44	-19.84	-31.60	peak
2	1.1687	58.22	-62.19	-3.97	26.25	-55.47	-25.25	-30.22	peak
3	2.6474	55.45	-61.67	-6.22	29.54	-57.72	-21.96	-35.76	peak
4	6.0377	54.82	-61.35	-6.53	29.54	-58.03	-21.96	-36.07	peak
5	12.5006	54.82	-60.91	-6.09	29.54	-57.59	-21.96	-35.63	peak
6	19.4939	55.61	-60.85	-5.24	29.54	-56.74	-21.96	-34.78	peak

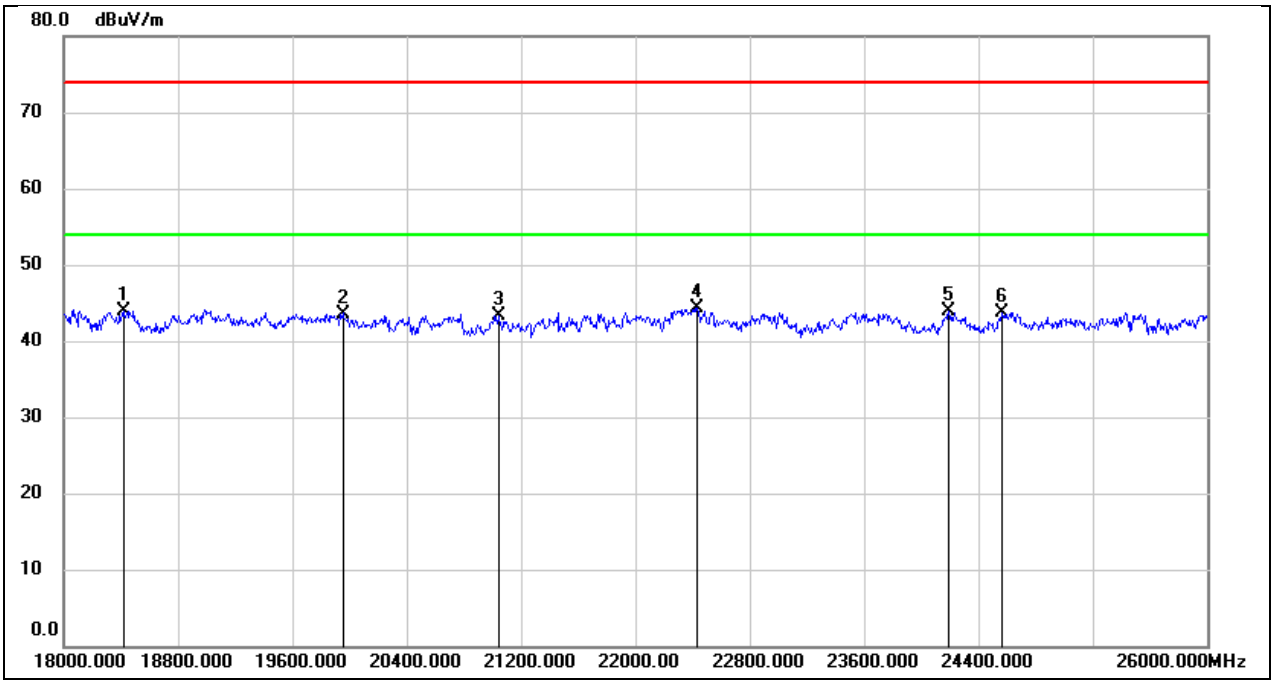
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

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	18160.000	49.80	-5.49	44.31	74.00	-29.69	peak
2	19104.000	48.62	-5.37	43.25	74.00	-30.75	peak
3	20816.000	48.20	-5.05	43.15	74.00	-30.85	peak
4	22128.000	47.56	-4.34	43.22	74.00	-30.78	peak
5	24000.000	45.71	-2.75	42.96	74.00	-31.04	peak
6	25376.000	44.61	-1.73	42.88	74.00	-31.12	peak

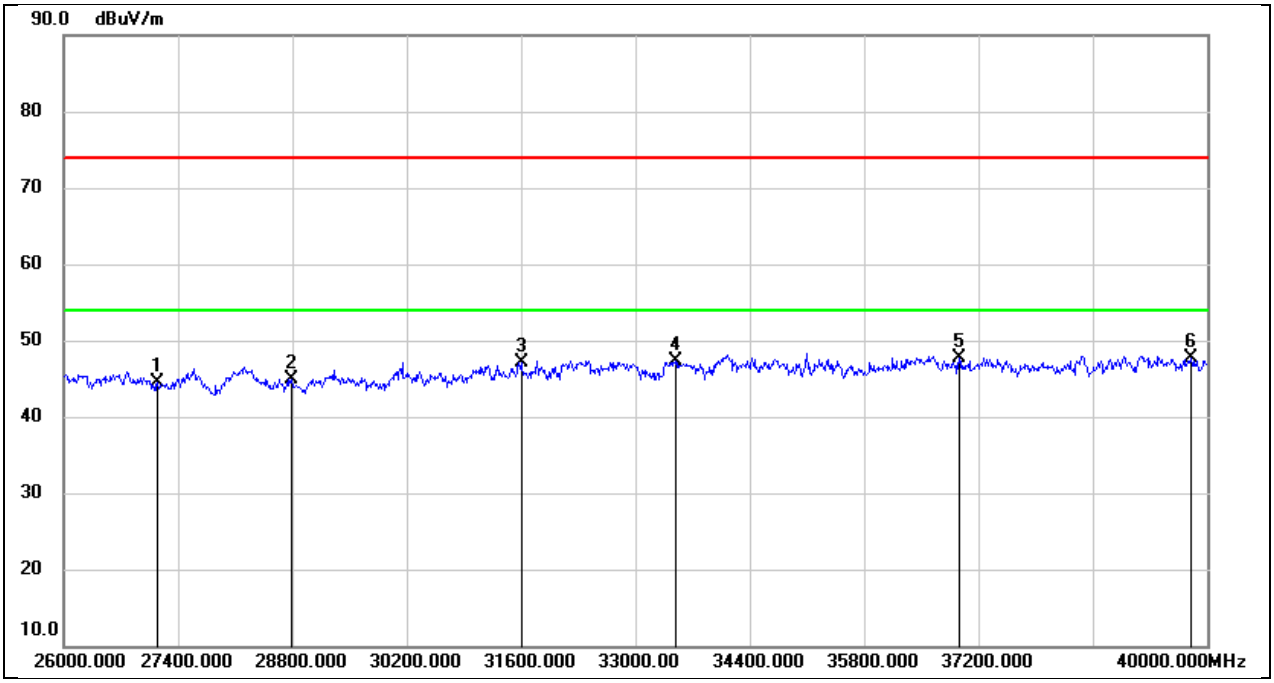
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18416.000	49.29	-5.35	43.94	74.00	-30.06	peak
2	19952.000	49.01	-5.41	43.60	74.00	-30.40	peak
3	21040.000	48.11	-4.86	43.25	74.00	-30.75	peak
4	22432.000	48.26	-3.97	44.29	74.00	-29.71	peak
5	24192.000	46.71	-2.81	43.90	74.00	-30.10	peak
6	24568.000	46.10	-2.33	43.77	74.00	-30.23	peak

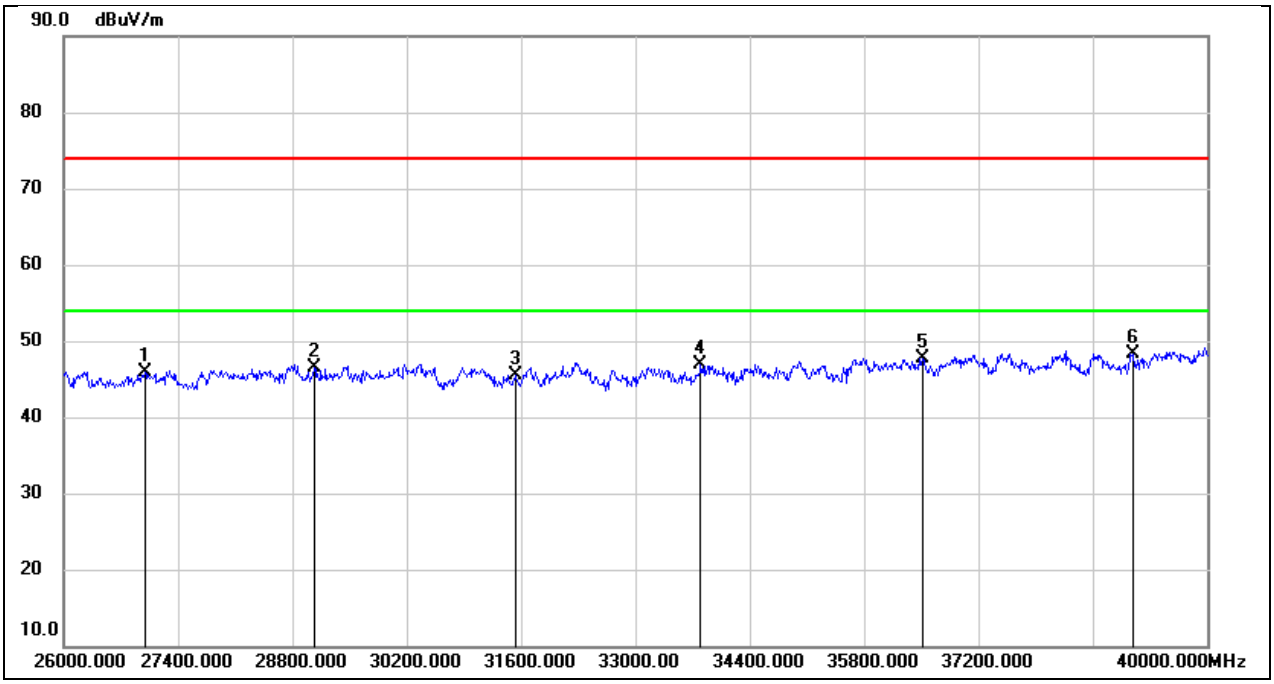
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

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	27148.000	48.54	-4.07	44.47	74.00	-29.53	peak
2	28786.000	45.49	-0.64	44.85	74.00	-29.15	peak
3	31600.000	48.30	-1.20	47.10	74.00	-26.90	peak
4	33490.000	46.68	0.54	47.22	74.00	-26.78	peak
5	36962.000	44.44	3.17	47.61	74.00	-26.39	peak
6	39804.000	42.85	4.88	47.73	74.00	-26.27	peak

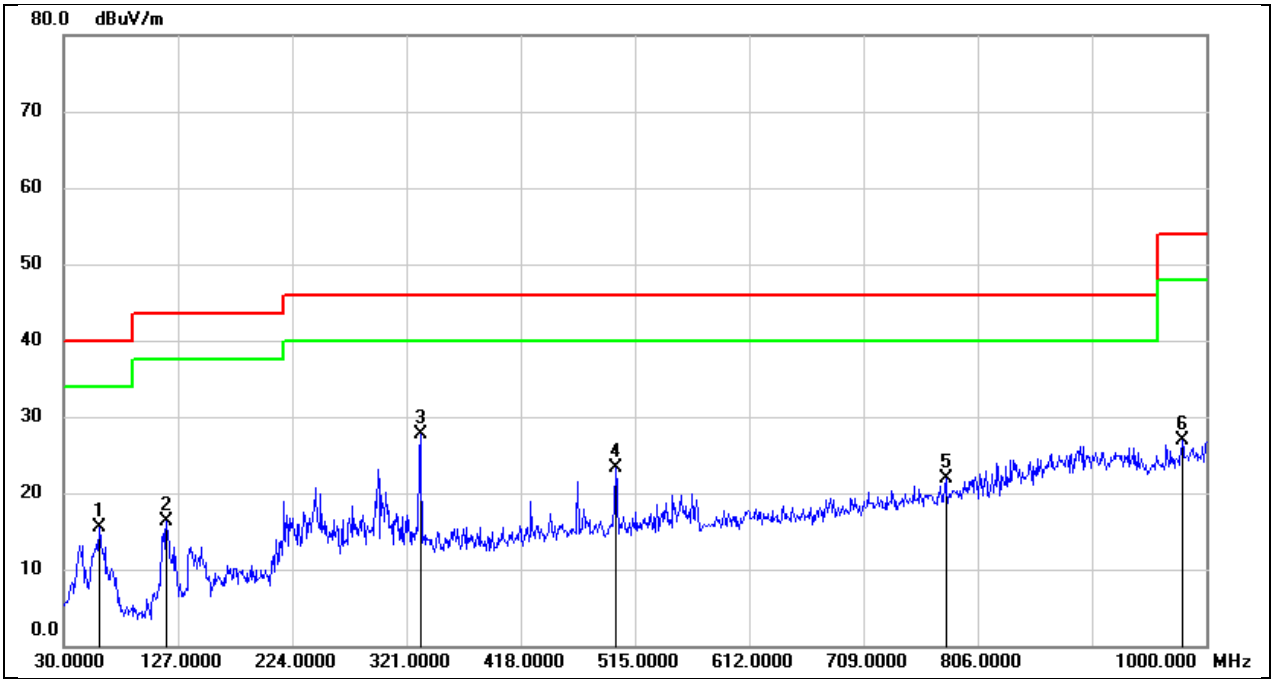
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26994.000	49.51	-3.68	45.83	74.00	-28.17	peak
2	29066.000	47.74	-1.33	46.41	74.00	-27.59	peak
3	31530.000	46.80	-1.21	45.59	74.00	-28.41	peak
4	33798.000	46.37	0.46	46.83	74.00	-27.17	peak
5	36514.000	43.97	3.69	47.66	74.00	-26.34	peak
6	39090.000	44.02	4.27	48.29	74.00	-25.71	peak

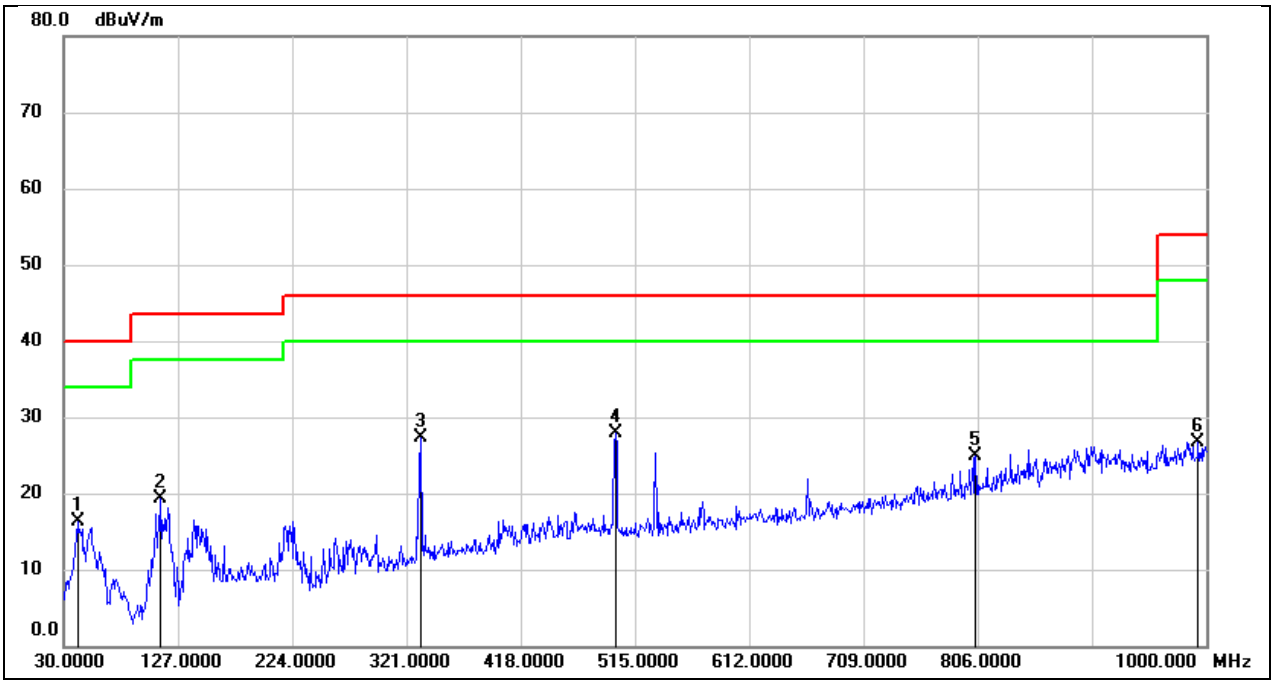
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

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	60.0700	30.48	-14.91	15.57	40.00	-24.43	peak
2	117.3000	31.15	-14.89	16.26	43.50	-27.24	peak
3	332.6400	37.99	-10.22	27.77	46.00	-18.23	peak
4	498.5100	31.01	-7.70	23.31	46.00	-22.69	peak
5	778.8400	24.96	-3.01	21.95	46.00	-24.05	peak
6	979.6300	27.25	-0.42	26.83	54.00	-27.17	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	41.6400	31.04	-14.81	16.23	40.00	-23.77	peak
2	112.4500	34.47	-15.23	19.24	43.50	-24.26	peak
3	333.6099	37.52	-10.18	27.34	46.00	-18.66	peak
4	498.5100	35.67	-7.70	27.97	46.00	-18.03	peak
5	804.0600	27.45	-2.51	24.94	46.00	-21.06	peak
6	993.2100	26.94	-0.23	26.71	54.00	-27.29	peak

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §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.

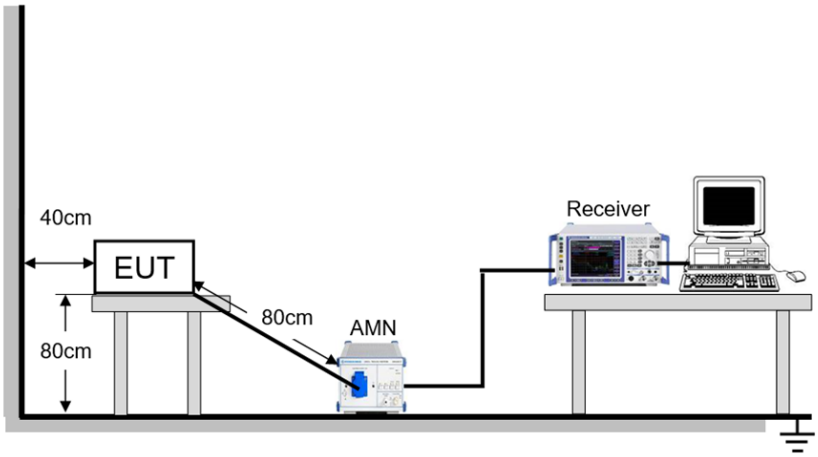
TEST PROCEDURE

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

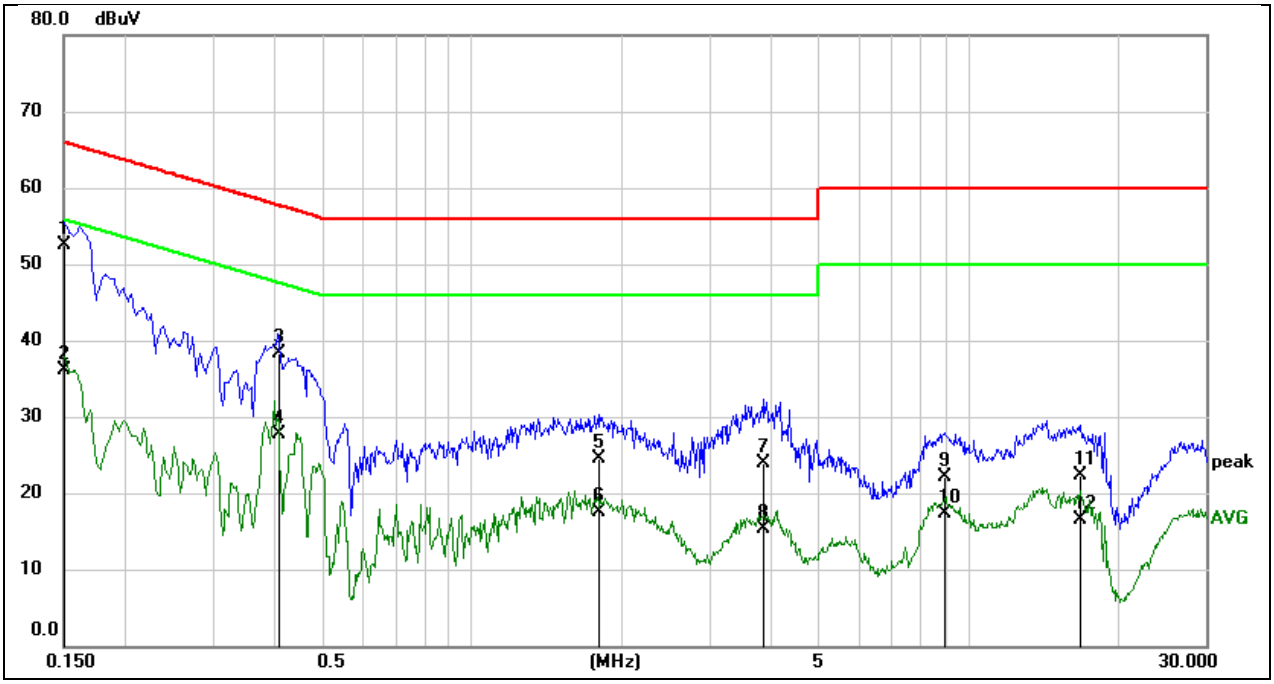
Temperature	23.8℃	Relative Humidity	57%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	November 4, 2025	Test By	Deacon Tan

TEST RESULTS

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

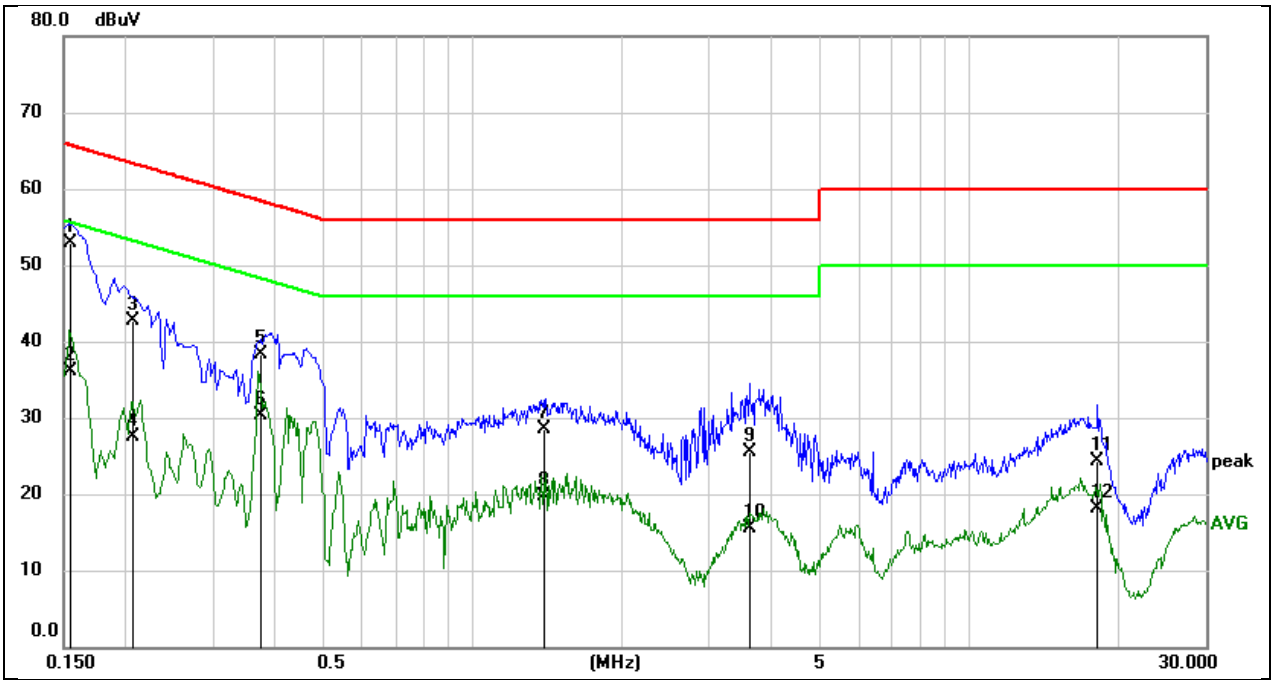


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1512	42.84	9.74	52.58	65.93	-13.35	QP
2	0.1512	26.36	9.74	36.10	55.93	-19.83	AVG
3	0.4080	28.66	9.64	38.30	57.69	-19.39	QP
4	0.4080	18.07	9.64	27.71	47.69	-19.98	AVG
5	1.7956	14.85	9.72	24.57	56.00	-31.43	QP
6	1.7956	7.84	9.72	17.56	46.00	-28.44	AVG
7	3.8756	14.09	9.73	23.82	56.00	-32.18	QP
8	3.8756	5.52	9.73	15.25	46.00	-30.75	AVG
9	8.9044	12.28	9.73	22.01	60.00	-37.99	QP
10	8.9044	7.61	9.73	17.34	50.00	-32.66	AVG
11	16.7789	12.56	9.74	22.30	60.00	-37.70	QP
12	16.7789	6.68	9.74	16.42	50.00	-33.58	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	0.1553	43.26	9.64	52.90	65.71	-12.81	QP
2	0.1553	26.56	9.64	36.20	55.71	-19.51	AVG
3	0.2081	32.98	9.64	42.62	63.28	-20.66	QP
4	0.2081	17.81	9.64	27.45	53.28	-25.83	AVG
5	0.3735	28.62	9.64	38.26	58.42	-20.16	QP
6	0.3735	20.70	9.64	30.34	48.42	-18.08	AVG
7	1.3919	18.94	9.63	28.57	56.00	-27.43	QP
8	1.3919	10.17	9.63	19.80	46.00	-26.20	AVG
9	3.6303	15.78	9.63	25.41	56.00	-30.59	QP
10	3.6303	5.95	9.63	15.58	46.00	-30.42	AVG
11	18.1215	14.64	9.74	24.38	60.00	-35.62	QP
12	18.1215	8.37	9.74	18.11	50.00	-31.89	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

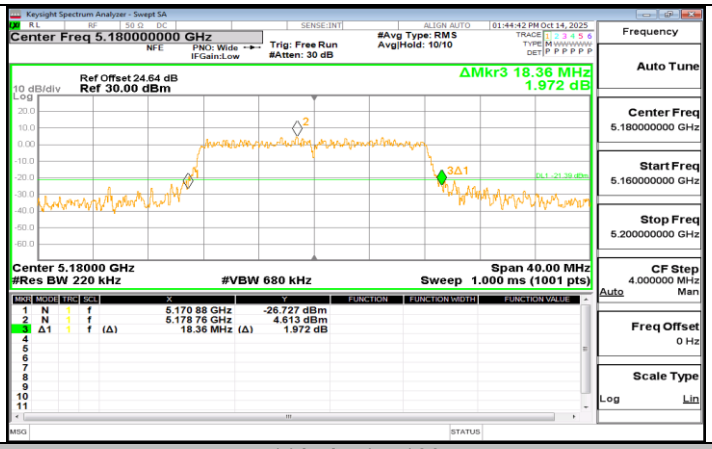
11.1. APPENDIX A: EMISSION BANDWIDTH

11.1.1. Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	18.360	5170.880	5189.240	PASS
	Ant2	5180	17.960	5170.960	5188.920	PASS
	Ant1	5200	18.200	5190.720	5208.920	PASS
	Ant2	5200	18.480	5190.840	5209.320	PASS
	Ant1	5240	18.440	5231.000	5249.440	PASS
	Ant2	5240	18.240	5230.760	5249.000	PASS
	Ant1	5260	19.720	5250.880	5270.600	PASS
	Ant2	5260	18.480	5250.680	5269.160	PASS
	Ant1	5280	19.520	5270.880	5290.400	PASS
	Ant2	5280	18.320	5270.800	5289.120	PASS
	Ant1	5320	18.360	5310.800	5329.160	PASS
	Ant2	5320	18.360	5310.800	5329.160	PASS
	Ant1	5500	18.560	5490.640	5509.200	PASS
	Ant2	5500	18.200	5490.880	5509.080	PASS
	Ant1	5580	18.200	5570.960	5589.160	PASS
	Ant2	5580	18.120	5570.920	5589.040	PASS
	Ant1	5700	18.040	5690.880	5708.920	PASS
	Ant2	5700	18.120	5690.880	5709.000	PASS
	Ant1	5720	17.840	5711.120	5728.960	PASS
	Ant2	5720	18.080	5710.920	5729.000	PASS
	Ant1	5720_UNII-2C	13.88	5711.120	5725	PASS
	Ant2	5720_UNII-2C	14.08	5710.920	5725	PASS
	Ant1	5720_UNII-3	3.96	5725	5728.960	PASS
	Ant2	5720_UNII-3	4	5725	5729.000	PASS
	Ant1	5745	18.520	5735.760	5754.280	PASS
	Ant2	5745	18.320	5735.840	5754.160	PASS
	Ant1	5785	18.360	5775.720	5794.080	PASS
	Ant2	5785	20.280	5775.680	5795.960	PASS
	Ant1	5825	18.160	5815.840	5834.000	PASS
	Ant2	5825	18.160	5815.800	5833.960	PASS
11N20MIMO	Ant1	5180	19.400	5170.320	5189.720	PASS
	Ant2	5180	19.520	5170.160	5189.680	PASS
	Ant1	5200	19.160	5190.440	5209.600	PASS
	Ant2	5200	19.080	5190.520	5209.600	PASS
	Ant1	5240	20.640	5229.080	5249.720	PASS
	Ant2	5240	19.200	5230.280	5249.480	PASS
	Ant1	5260	21.000	5249.880	5270.880	PASS
	Ant2	5260	19.040	5250.320	5269.360	PASS
	Ant1	5280	21.680	5269.360	5291.040	PASS
	Ant2	5280	19.240	5270.240	5289.480	PASS
	Ant1	5320	20.680	5309.040	5329.720	PASS
	Ant2	5320	18.960	5310.520	5329.480	PASS
	Ant1	5500	19.240	5490.480	5509.720	PASS
	Ant2	5500	19.200	5490.360	5509.560	PASS
	Ant1	5580	19.160	5570.400	5589.560	PASS
	Ant2	5580	18.920	5570.560	5589.480	PASS
	Ant1	5700	19.240	5690.280	5709.520	PASS
	Ant2	5700	19.200	5690.480	5709.680	PASS
	Ant1	5720	19.120	5710.360	5729.480	PASS
	Ant2	5720	19.120	5710.320	5729.440	PASS
	Ant1	5720_UNII-2C	14.64	5710.360	5725	PASS

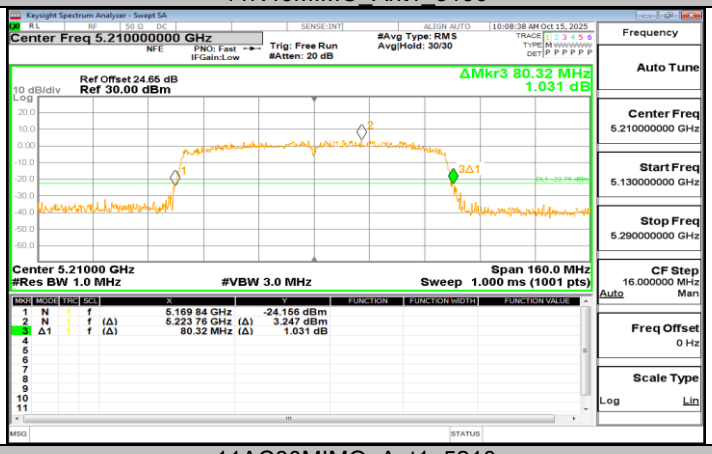
	Ant2	5720_UNII-2C	14.68	5710.320	5725	PASS
	Ant1	5720_UNII-3	4.48	5725	5729.480	PASS
	Ant2	5720_UNII-3	4.44	5725	5729.440	PASS
	Ant1	5745	19.160	5735.440	5754.600	PASS
	Ant2	5745	19.000	5735.440	5754.440	PASS
	Ant1	5785	19.240	5775.280	5794.520	PASS
	Ant2	5785	19.080	5775.400	5794.480	PASS
	Ant1	5825	18.880	5815.640	5834.520	PASS
	Ant2	5825	19.000	5815.440	5834.440	PASS
11N40MIMO	Ant1	5190	39.840	5170.240	5210.080	PASS
	Ant2	5190	40.320	5169.680	5210.000	PASS
	Ant1	5230	40.960	5209.600	5250.560	PASS
	Ant2	5230	39.280	5209.920	5249.200	PASS
	Ant1	5270	42.560	5249.280	5291.840	PASS
	Ant2	5270	40.000	5249.680	5289.680	PASS
	Ant1	5310	42.240	5289.600	5331.840	PASS
	Ant2	5310	40.000	5289.840	5329.840	PASS
	Ant1	5510	40.640	5490.080	5530.720	PASS
	Ant2	5510	40.800	5489.840	5530.640	PASS
	Ant1	5550	40.160	5529.520	5569.680	PASS
	Ant2	5550	38.960	5530.640	5569.600	PASS
	Ant1	5670	40.160	5649.680	5689.840	PASS
	Ant2	5670	39.360	5650.240	5689.600	PASS
	Ant1	5710	40.160	5690.320	5730.480	PASS
	Ant2	5710	40.240	5689.840	5730.080	PASS
	Ant1	5710_UNII-2C	34.68	5690.320	5725	PASS
	Ant2	5710_UNII-2C	35.16	5689.840	5725	PASS
	Ant1	5710_UNII-3	5.48	5725	5730.480	PASS
	Ant2	5710_UNII-3	5.08	5725	5730.080	PASS
	Ant1	5755	39.680	5734.680	5774.360	PASS
	Ant2	5755	39.920	5734.840	5774.760	PASS
	Ant1	5795	39.040	5775.320	5814.360	PASS
	Ant2	5795	40.400	5774.600	5815.000	PASS
11AC80MIMO	Ant1	5210	80.320	5169.840	5250.160	PASS
	Ant2	5210	79.520	5170.480	5250.000	PASS
	Ant1	5290	80.160	5249.840	5330.000	PASS
	Ant2	5290	80.160	5249.680	5329.840	PASS
	Ant1	5530	80.480	5489.680	5570.160	PASS
	Ant2	5530	80.960	5490.000	5570.960	PASS
	Ant1	5610	80.000	5569.840	5649.840	PASS
	Ant2	5610	80.320	5569.520	5649.840	PASS
	Ant1	5690	80.480	5649.520	5730.000	PASS
	Ant2	5690	80.480	5650.160	5730.640	PASS
	Ant1	5690_UNII-2C	74.52	5650.480	5725	PASS
	Ant2	5690_UNII-2C	74.52	5650.480	5725	PASS
	Ant1	5690_UNII-3	4.2	5725	5729.200	PASS
	Ant2	5690_UNII-3	4.52	5725	5729.520	PASS
	Ant1	5775	80.000	5734.840	5814.840	PASS
	Ant2	5775	80.000	5734.680	5814.680	PASS

11.1.2. Test Graphs



11A_Ant1_5180

11N40MIMO_Ant1_5190



11AC80MIMO_Ant1_5210

Note: To reduce report size, only one test plot for each bandwidth is recorded in the report as a reference for test settings.

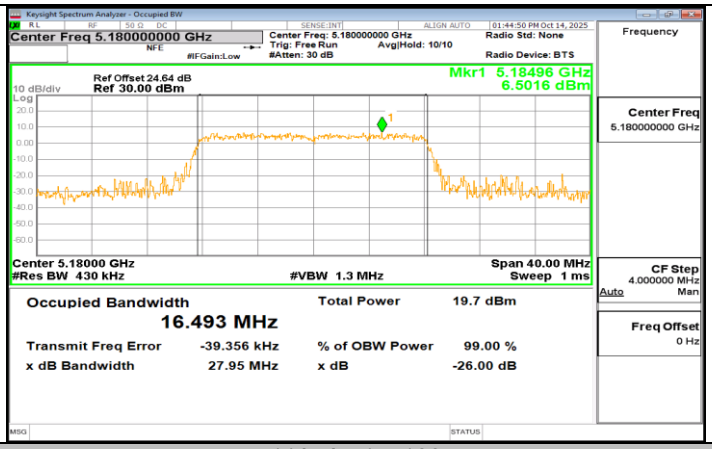
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

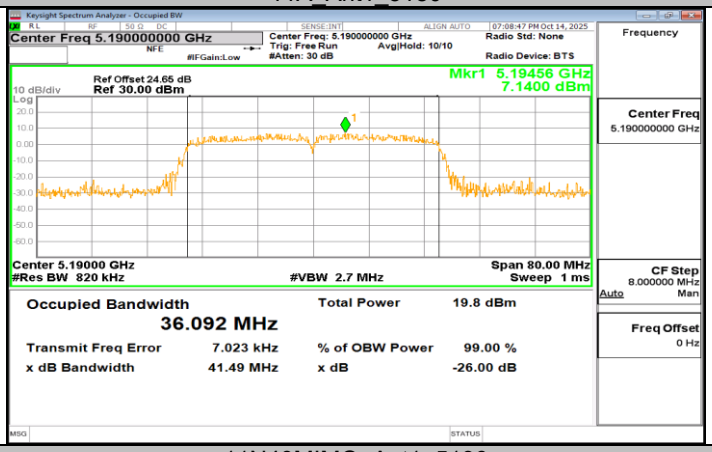
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	16.493	5171.7141	5188.2071	PASS
	Ant2	5180	16.456	5171.7471	5188.2031	PASS
	Ant1	5200	16.499	5191.7062	5208.2052	PASS
	Ant2	5200	16.469	5191.7381	5208.2071	PASS
	Ant1	5240	16.483	5231.7427	5248.2257	PASS
	Ant2	5240	16.483	5231.7113	5248.1943	PASS
	Ant1	5260	16.529	5251.6365	5268.1655	PASS
	Ant2	5260	16.476	5251.7215	5268.1975	PASS
	Ant1	5280	16.478	5271.7500	5288.2280	PASS
	Ant2	5280	16.441	5271.7692	5288.2102	PASS
	Ant1	5320	16.549	5311.7213	5328.2703	PASS
	Ant2	5320	16.459	5311.7438	5328.2028	PASS
	Ant1	5500	16.471	5491.7423	5508.2133	PASS
	Ant2	5500	16.473	5491.7455	5508.2185	PASS
	Ant1	5580	16.455	5571.7221	5588.1771	PASS
	Ant2	5580	16.490	5571.6982	5588.1882	PASS
	Ant1	5700	16.475	5691.7766	5708.2516	PASS
	Ant2	5700	16.464	5691.6839	5708.1479	PASS
	Ant1	5720	16.448	5711.7468	5728.1948	PASS
	Ant2	5720	16.419	5711.7700	5728.1890	PASS
	Ant1	5720_UNII-2C	13.253	5711.7468	5725	PASS
	Ant2	5720_UNII-2C	13.23	5711.7700	5725	PASS
	Ant1	5720_UNII-3	3.195	5725	5728.1948	PASS
	Ant2	5720_UNII-3	3.189	5725	5728.1890	PASS
	Ant1	5745	16.508	5736.7204	5753.2284	PASS
	Ant2	5745	16.454	5736.7153	5753.1693	PASS
	Ant1	5785	16.458	5776.7218	5793.1798	PASS
	Ant2	5785	16.470	5776.7020	5793.1720	PASS
	Ant1	5825	16.482	5816.6945	5833.1765	PASS
	Ant2	5825	16.524	5816.6838	5833.2078	PASS
11N20MIMO	Ant1	5180	17.699	5171.1238	5188.8228	PASS
	Ant2	5180	17.655	5171.1382	5188.7932	PASS
	Ant1	5200	17.665	5191.1286	5208.7936	PASS
	Ant2	5200	17.551	5191.2310	5208.7820	PASS
	Ant1	5240	17.725	5231.1007	5248.8257	PASS
	Ant2	5240	17.575	5231.1551	5248.7301	PASS
	Ant1	5260	17.703	5251.1206	5268.8236	PASS
	Ant2	5260	17.631	5251.1390	5268.7700	PASS
	Ant1	5280	17.706	5271.1156	5288.8216	PASS
	Ant2	5280	17.627	5271.1475	5288.7745	PASS
	Ant1	5320	17.658	5311.1384	5328.7964	PASS
	Ant2	5320	17.635	5311.1625	5328.7975	PASS
	Ant1	5500	17.586	5491.1832	5508.7692	PASS
	Ant2	5500	17.677	5491.1093	5508.7863	PASS
	Ant1	5580	17.636	5571.1550	5588.7910	PASS
	Ant2	5580	17.678	5571.1184	5588.7964	PASS
	Ant1	5700	17.641	5691.1429	5708.7839	PASS
	Ant2	5700	17.646	5691.1449	5708.7909	PASS
	Ant1	5720	17.645	5711.1102	5728.7552	PASS
	Ant2	5720	17.597	5711.1571	5728.7541	PASS
	Ant1	5720_UNII-2C	13.89	5711.1102	5725	PASS
	Ant2	5720_UNII-2C	13.843	5711.1571	5725	PASS
	Ant1	5720_UNII-3	3.755	5725	5728.7552	PASS

	Ant2	5720_UNII-3	3.754	5725	5728.7541	PASS
	Ant1	5745	17.653	5736.1524	5753.8054	PASS
	Ant2	5745	17.673	5736.1298	5753.8028	PASS
	Ant1	5785	17.604	5776.1398	5793.7438	PASS
	Ant2	5785	17.650	5776.1643	5793.8143	PASS
	Ant1	5825	17.627	5816.1283	5833.7553	PASS
	Ant2	5825	17.664	5816.1441	5833.8081	PASS
11N40MIMO	Ant1	5190	36.092	5171.9610	5208.0530	PASS
	Ant2	5190	36.004	5171.8925	5207.8965	PASS
	Ant1	5230	36.105	5211.9075	5248.0125	PASS
	Ant2	5230	36.215	5211.8182	5248.0332	PASS
	Ant1	5270	36.242	5251.9129	5288.1549	PASS
	Ant2	5270	36.112	5251.9603	5288.0723	PASS
	Ant1	5310	36.077	5291.9125	5327.9895	PASS
	Ant2	5310	36.192	5291.9550	5328.1470	PASS
	Ant1	5510	36.135	5491.9413	5528.0763	PASS
	Ant2	5510	36.283	5491.7724	5528.0554	PASS
	Ant1	5550	36.150	5531.9350	5568.0850	PASS
	Ant2	5550	36.130	5531.8476	5567.9776	PASS
	Ant1	5670	36.176	5651.8926	5688.0686	PASS
	Ant2	5670	36.100	5651.8493	5687.9493	PASS
	Ant1	5710	36.073	5691.9184	5727.9914	PASS
	Ant2	5710	36.076	5691.8434	5727.9194	PASS
	Ant1	5710_UNII-2C	33.082	5691.9184	5725	PASS
	Ant2	5710_UNII-2C	33.157	5691.8434	5725	PASS
	Ant1	5710_UNII-3	2.991	5725	5727.9914	PASS
	Ant2	5710_UNII-3	2.919	5725	5727.9194	PASS
	Ant1	5755	36.177	5736.8129	5772.9899	PASS
	Ant2	5755	36.104	5736.8697	5772.9737	PASS
	Ant1	5795	36.056	5776.8673	5812.9233	PASS
	Ant2	5795	36.059	5776.9037	5812.9627	PASS
11AC80MIMO	Ant1	5210	74.668	5172.6157	5247.2837	PASS
	Ant2	5210	74.760	5172.5381	5247.2981	PASS
	Ant1	5290	74.976	5252.4023	5327.3783	PASS
	Ant2	5290	75.389	5252.3198	5327.7088	PASS
	Ant1	5530	75.335	5492.4325	5567.7675	PASS
	Ant2	5530	73.874	5492.6494	5566.5234	PASS
	Ant1	5610	74.899	5572.5085	5647.4075	PASS
	Ant2	5610	74.827	5572.2288	5647.0558	PASS
	Ant1	5690	74.992	5652.5139	5727.5059	PASS
	Ant2	5690	75.091	5652.3384	5727.4294	PASS
	Ant1	5690_UNII-2C	72.486	5652.5139	5725	PASS
	Ant2	5690_UNII-2C	72.662	5652.3384	5725	PASS
	Ant1	5690_UNII-3	2.506	5725	5727.5059	PASS
	Ant2	5690_UNII-3	2.429	5725	5727.4294	PASS
	Ant1	5775	74.860	5737.3863	5812.2463	PASS
	Ant2	5775	74.731	5737.7204	5812.4514	PASS

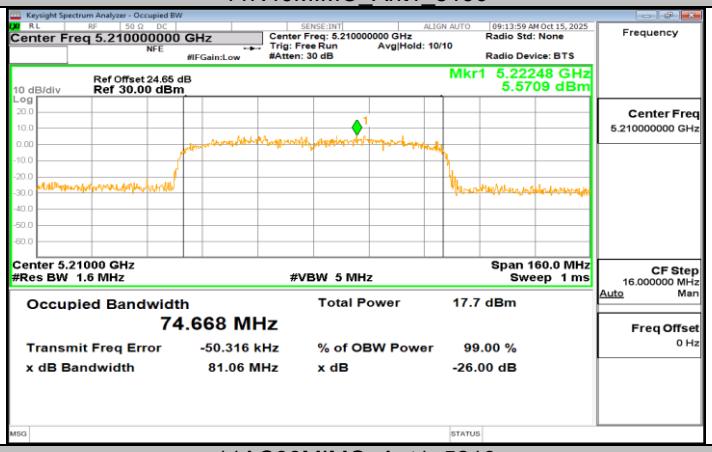
11.2.2. Test Graphs



11A_Ant1_5180



11N40MIMO_Ant1_5190



11AC80MIMO_Ant1_5210

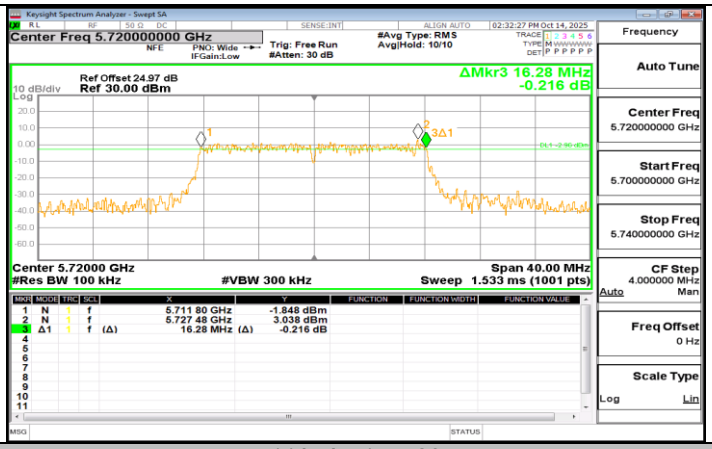
Note: To reduce report size, only one test plot for each bandwidth is recorded in the report as a reference for test settings.

11.3. APPENDIX C: MIN EMISSION BANDWIDTH

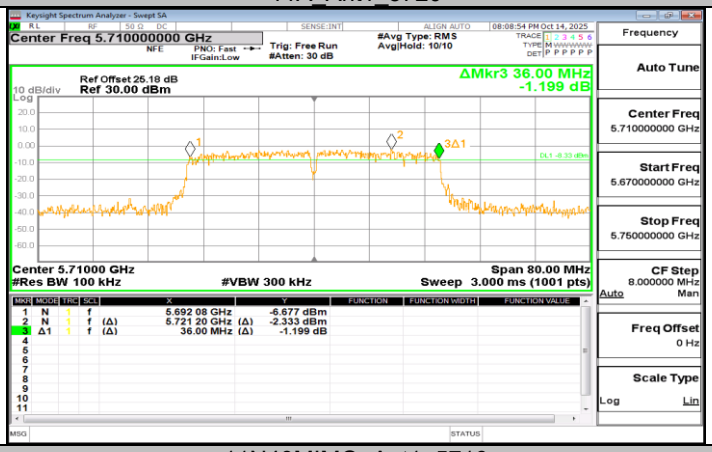
11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	16.280	5711.800	5728.080	---	---
	Ant2	5720	16.040	5711.800	5727.840	---	---
	Ant1	5720_UNII-2C	13.2	5711.800	5725	---	---
	Ant2	5720_UNII-2C	13.2	5711.800	5725	---	---
	Ant1	5720_UNII-3	3.08	5725	5728.080	≥0.5	PASS
	Ant2	5720_UNII-3	2.84	5725	5727.840	≥0.5	PASS
	Ant1	5745	16.320	5736.800	5753.120	≥0.5	PASS
	Ant2	5745	16.480	5736.760	5753.240	≥0.5	PASS
	Ant1	5785	16.360	5776.800	5793.160	≥0.5	PASS
	Ant2	5785	16.440	5776.760	5793.200	≥0.5	PASS
	Ant1	5825	16.320	5816.800	5833.120	≥0.5	PASS
	Ant2	5825	16.440	5816.720	5833.160	≥0.5	PASS
11N20MIMO	Ant1	5720	17.560	5711.160	5728.720	---	---
	Ant2	5720	17.680	5711.120	5728.800	---	---
	Ant1	5720_UNII-2C	13.84	5711.160	5725	---	---
	Ant2	5720_UNII-2C	13.88	5711.120	5725	---	---
	Ant1	5720_UNII-3	3.72	5725	5728.720	≥0.5	PASS
	Ant2	5720_UNII-3	3.8	5725	5728.800	≥0.5	PASS
	Ant1	5745	17.600	5736.160	5753.760	≥0.5	PASS
	Ant2	5745	17.560	5736.200	5753.760	≥0.5	PASS
	Ant1	5785	17.600	5776.160	5793.760	≥0.5	PASS
	Ant2	5785	17.600	5776.160	5793.760	≥0.5	PASS
	Ant1	5825	17.600	5816.160	5833.760	≥0.5	PASS
	Ant2	5825	17.160	5816.200	5833.360	≥0.5	PASS
11N40MIMO	Ant1	5710	36.000	5692.080	5728.080	---	---
	Ant2	5710	35.840	5692.080	5727.920	---	---
	Ant1	5710_UNII-2C	32.92	5692.080	5725	---	---
	Ant2	5710_UNII-2C	32.92	5692.080	5725	---	---
	Ant1	5710_UNII-3	3.08	5725	5728.080	≥0.5	PASS
	Ant2	5710_UNII-3	2.92	5725	5727.920	≥0.5	PASS
	Ant1	5755	35.920	5736.840	5772.760	≥0.5	PASS
	Ant2	5755	35.600	5737.480	5773.080	≥0.5	PASS
	Ant1	5795	33.440	5778.440	5811.880	≥0.5	PASS
	Ant2	5795	33.840	5778.680	5812.520	≥0.5	PASS
11AC80MIMO	Ant1	5690	73.760	5653.680	5727.440	---	---
	Ant2	5690	75.200	5652.400	5727.600	---	---
	Ant1	5690_UNII-2C	71.32	5653.680	5725	---	---
	Ant2	5690_UNII-2C	72.6	5652.400	5725	---	---
	Ant1	5690_UNII-3	2.44	5725	5727.440	≥0.5	PASS
	Ant2	5690_UNII-3	2.6	5725	5727.600	≥0.5	PASS
	Ant1	5775	60.000	5745.560	5805.560	≥0.5	PASS
	Ant2	5775	72.480	5739.960	5812.440	≥0.5	PASS

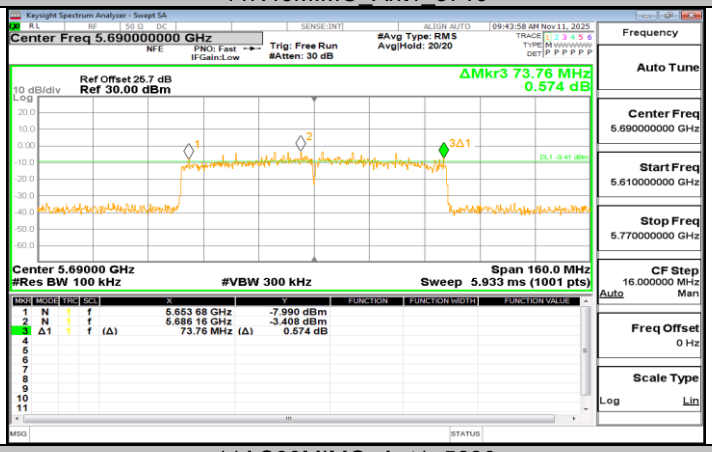
11.3.2. Test Graphs



11A_Ant1_5720



11N40MIMO_Ant1_5710



11AC80MIMO_Ant1_5690

Note: To reduce report size, only one test plot for each bandwidth is recorded in the report as a reference for test settings.

11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

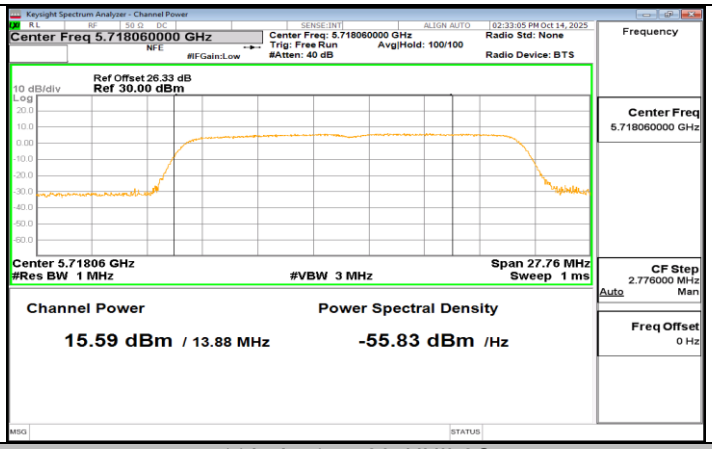
Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	15.35	≤23.98	---	16.02	≤22.17	PASS
	Ant2	5180	15.34	≤23.98	---	16.55	≤22.16	PASS
	Ant1	5200	15.8	≤23.98	---	16.47	≤22.17	PASS
	Ant2	5200	15.67	≤23.98	---	16.88	≤22.17	PASS
	Ant1	5240	15.63	≤23.98	---	16.30	≤22.17	PASS
	Ant2	5240	15.17	≤23.98	---	16.38	≤22.17	PASS
	Ant1	5260	15.63	≤23.95	≤23.18	16.30	≤29.18	PASS
	Ant2	5260	15.22	≤23.67	≤23.17	16.43	≤29.17	PASS
	Ant1	5280	15.06	≤23.90	≤23.17	15.73	≤29.17	PASS
	Ant2	5280	15.06	≤23.63	≤23.16	16.27	≤29.16	PASS
	Ant1	5320	15.67	≤23.64	≤23.19	16.34	≤29.19	PASS
	Ant2	5320	15.1	≤23.64	≤23.16	16.31	≤29.16	PASS
	Ant1	5500	15.05	≤23.69	≤23.17	15.72	≤29.17	PASS
	Ant2	5500	15.22	≤23.60	≤23.17	16.43	≤29.17	PASS
	Ant1	5580	15.27	≤23.60	≤23.16	15.94	≤29.16	PASS
	Ant2	5580	15	≤23.58	≤23.17	16.21	≤29.17	PASS
	Ant1	5700	15.6	≤23.56	≤23.17	16.27	≤29.17	PASS
	Ant2	5700	15.51	≤23.58	≤23.17	16.72	≤29.17	PASS
	Ant1	5720_UNII-2C	15.59	≤22.42	≤22.22	16.26	≤28.22	PASS
	Ant2	5720_UNII-2C	15.39	≤22.49	≤22.22	16.60	≤28.22	PASS
	Ant1	5720_UNII-3	7.55	≤30.00	≤30.00	8.22	---	PASS
	Ant2	5720_UNII-3	7	≤30.00	≤30.00	8.21	---	PASS
	Ant1	5745	15.06	≤30.00	≤30.00	15.73	---	PASS
	Ant2	5745	15.22	≤30.00	≤30.00	16.43	---	PASS
	Ant1	5785	15.28	≤30.00	≤30.00	15.95	---	PASS
	Ant2	5785	15.83	≤30.00	≤30.00	17.04	---	PASS
	Ant1	5825	15.11	≤30.00	≤30.00	15.78	---	PASS
	Ant2	5825	15.6	≤30.00	≤30.00	16.81	---	PASS
11N20MIMO	Ant1	5180	12.6	≤23.98	---	13.27	≤22.48	PASS
	Ant2	5180	12.35	≤23.98	---	13.56	≤22.47	PASS
	total	5180	15.49	≤23.98	---	16.70	≤22.47	PASS
	Ant1	5200	12.48	≤23.98	---	13.15	≤22.47	PASS
	Ant2	5200	12.37	≤23.98	---	13.58	≤22.44	PASS
	total	5200	15.44	≤23.98	---	16.65	≤22.44	PASS
	Ant1	5240	12.42	≤23.98	---	13.09	≤22.49	PASS
	Ant2	5240	12.27	≤23.98	---	13.48	≤22.45	PASS
	total	5240	15.36	≤23.98	---	16.57	≤22.45	PASS
	Ant1	5260	15.04	≤23.98	≤23.48	15.71	≤29.48	PASS
	Ant2	5260	15.39	≤23.80	≤23.46	16.60	≤29.46	PASS
	total	5260	18.23	≤23.80	≤23.46	19.44	≤29.46	PASS
	Ant1	5280	15.44	≤23.98	≤23.48	16.11	≤29.48	PASS
	Ant2	5280	15.3	≤23.84	≤23.46	16.51	≤29.46	PASS
	total	5280	18.38	≤23.84	≤23.46	19.59	≤29.46	PASS
	Ant1	5320	15.13	≤23.98	≤23.47	15.80	≤29.47	PASS
	Ant2	5320	15.65	≤23.78	≤23.46	16.86	≤29.46	PASS
	total	5320	18.41	≤23.78	≤23.46	19.62	≤29.46	PASS
	Ant1	5500	15.09	≤23.84	≤23.45	15.76	≤29.45	PASS
	Ant2	5500	15.18	≤23.83	≤23.47	16.39	≤29.47	PASS
	total	5500	18.15	≤23.83	≤23.45	19.36	≤29.45	PASS
	Ant1	5580	15.6	≤23.82	≤23.46	16.27	≤29.46	PASS
	Ant2	5580	15.39	≤23.77	≤23.47	16.60	≤29.47	PASS
	total	5580	18.51	≤23.77	≤23.46	19.72	≤29.46	PASS
	Ant1	5700	15.26	≤23.84	≤23.47	15.93	≤29.47	PASS
	Ant2	5700	15.2	≤23.83	≤23.47	16.41	≤29.47	PASS

	total	5700	18.24	≤23.83	≤23.47	19.45	≤29.47	PASS
	Ant1	5720_UNII-2C	15.19	≤22.66	≤22.43	15.86	≤28.43	PASS
	Ant2	5720_UNII-2C	14.85	≤22.67	≤22.41	16.06	≤28.41	PASS
	total	5720_UNII-2C	18.03	≤22.66	≤22.41	19.24	≤28.41	PASS
	Ant1	5720_UNII-3	7.8	≤30.00	≤30.00	8.47	---	PASS
	Ant2	5720_UNII-3	7.58	≤30.00	≤30.00	8.79	---	PASS
	total	5720_UNII-3	10.7	≤30.00	≤30.00	11.91	---	PASS
	Ant1	5745	15.4	≤30.00	≤30.00	16.07	---	PASS
	Ant2	5745	15.22	≤30.00	≤30.00	16.43	---	PASS
	total	5745	18.32	≤30.00	≤30.00	19.53	---	PASS
	Ant1	5785	15.34	≤30.00	≤30.00	16.01	---	PASS
	Ant2	5785	15.19	≤30.00	≤30.00	16.40	---	PASS
	total	5785	18.28	≤30.00	≤30.00	19.49	---	PASS
	Ant1	5825	15.13	≤30.00	≤30.00	15.80	---	PASS
	Ant2	5825	15.42	≤30.00	≤30.00	16.63	---	PASS
	total	5825	18.29	≤30.00	≤30.00	19.50	---	PASS
11N40MIMO	Ant1	5190	14.71	≤23.98	---	15.38	≤23.00	PASS
	Ant2	5190	14.66	≤23.98	---	15.87	≤23.00	PASS
	total	5190	17.7	≤23.98	---	18.91	≤23.00	PASS
	Ant1	5230	15.37	≤23.98	---	16.04	≤23.00	PASS
	Ant2	5230	15.41	≤23.98	---	16.62	≤23.00	PASS
	total	5230	18.4	≤23.98	---	19.61	≤23.00	PASS
	Ant1	5270	15.77	≤23.98	≤23.98	16.44	≤30.00	PASS
	Ant2	5270	15.18	≤23.98	≤23.98	16.39	≤30.00	PASS
	total	5270	18.5	≤23.98	≤23.98	19.71	≤30.00	PASS
	Ant1	5310	14.9	≤23.98	≤23.98	15.57	≤30.00	PASS
	Ant2	5310	15.57	≤23.98	≤23.98	16.78	≤30.00	PASS
	total	5310	18.26	≤23.98	≤23.98	19.47	≤30.00	PASS
	Ant1	5510	15.12	≤23.98	≤23.98	15.79	≤30.00	PASS
	Ant2	5510	15.7	≤23.98	≤23.98	16.91	≤30.00	PASS
	total	5510	18.43	≤23.98	≤23.98	19.64	≤30.00	PASS
	Ant1	5550	15.19	≤23.98	≤23.98	15.86	≤30.00	PASS
	Ant2	5550	15.25	≤23.98	≤23.98	16.46	≤30.00	PASS
	total	5550	18.23	≤23.98	≤23.98	19.44	≤30.00	PASS
	Ant1	5670	15.62	≤23.98	≤23.98	16.29	≤30.00	PASS
	Ant2	5670	15.41	≤23.98	≤23.98	16.62	≤30.00	PASS
	total	5670	18.53	≤23.98	≤23.98	19.74	≤30.00	PASS
	Ant1	5710_UNII-2C	15.15	≤23.98	≤23.98	15.82	≤30.00	PASS
	Ant2	5710_UNII-2C	15.31	≤23.98	≤23.98	16.52	≤30.00	PASS
	total	5710_UNII-2C	18.24	≤23.98	≤23.98	19.45	≤30.00	PASS
	Ant1	5710_UNII-3	1.58	≤30.00	≤30.00	2.25	---	PASS
	Ant2	5710_UNII-3	0.5	≤30.00	≤30.00	1.71	---	PASS
	total	5710_UNII-3	4.08	≤30.00	≤30.00	5.29	---	PASS
	Ant1	5755	15.65	≤30.00	≤30.00	16.32	---	PASS
	Ant2	5755	15.4	≤30.00	≤30.00	16.61	---	PASS
	total	5755	18.54	≤30.00	≤30.00	19.75	---	PASS
	Ant1	5795	15.06	≤30.00	≤30.00	15.73	---	PASS
	Ant2	5795	15.58	≤30.00	≤30.00	16.79	---	PASS
	total	5795	18.34	≤30.00	≤30.00	19.55	---	PASS
11AC80MIMO	Ant1	5210	12.34	≤23.98	---	13.01	≤23.00	PASS
	Ant2	5210	12.58	≤23.98	---	13.79	≤23.00	PASS
	total	5210	15.47	≤23.98	---	16.68	≤23.00	PASS
	Ant1	5290	12.69	≤23.98	≤23.98	13.36	≤30.00	PASS
	Ant2	5290	12.65	≤23.98	≤23.98	13.86	≤30.00	PASS
	total	5290	15.68	≤23.98	≤23.98	16.89	≤30.00	PASS
	Ant1	5530	12.46	≤23.98	≤23.98	13.13	≤30.00	PASS
	Ant2	5530	12.57	≤23.98	≤23.98	13.78	≤30.00	PASS
	total	5530	15.53	≤23.98	≤23.98	16.74	≤30.00	PASS
	Ant1	5610	12.68	≤23.98	≤23.98	13.35	≤30.00	PASS
	Ant2	5610	12.39	≤23.98	≤23.98	13.60	≤30.00	PASS

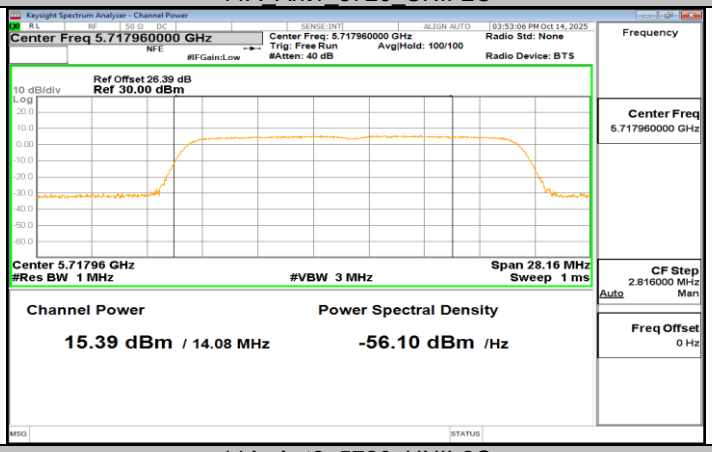
	total	5610	15.55	≤23.98	≤23.98	16.76	≤30.00	PASS
	Ant1	5690_UNII-2C	12.2	≤23.98	≤23.98	12.87	≤30.00	PASS
	Ant2	5690_UNII-2C	12.2	≤23.98	≤23.98	13.41	≤30.00	PASS
	total	5690_UNII-2C	15.21	≤23.98	≤23.98	16.42	≤30.00	PASS
	Ant1	5690_UNII-3	-9.17	≤30.00	≤30.00	-8.50	---	PASS
	Ant2	5690_UNII-3	-9.21	≤30.00	≤30.00	-8.00	---	PASS
	total	5690_UNII-3	-6.18	≤30.00	≤30.00	-4.97	---	PASS
	Ant1	5775	12.75	≤30.00	≤30.00	13.42	---	PASS
	Ant2	5775	12.77	≤30.00	≤30.00	13.98	---	PASS
	total	5775	15.77	≤30.00	≤30.00	16.98	---	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.

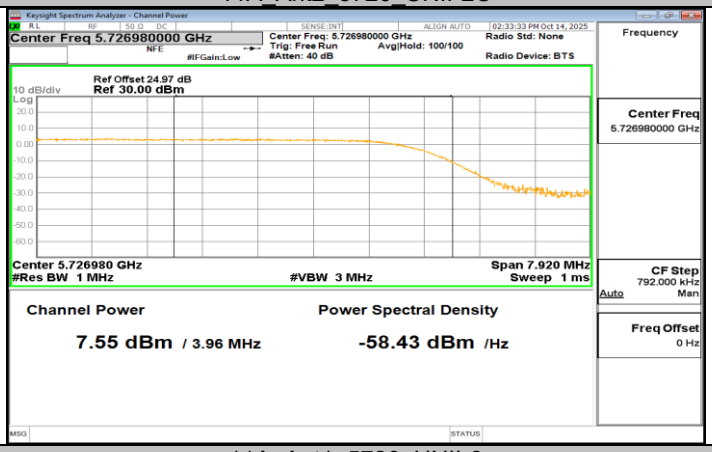
11.4.2. Test Graphs



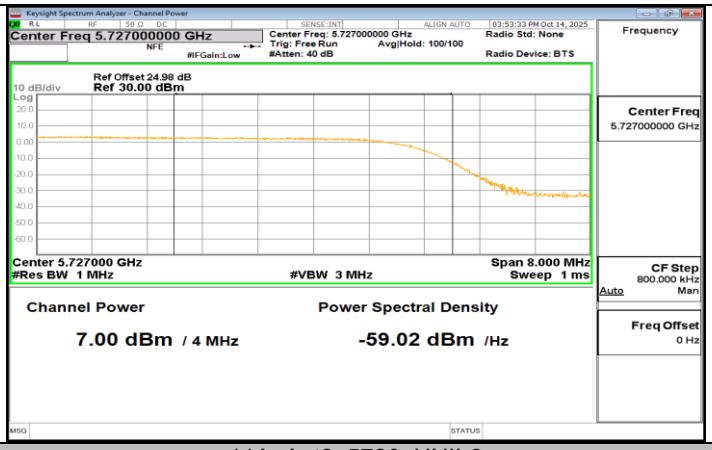
11A_Ant1_5720_UNII-2C



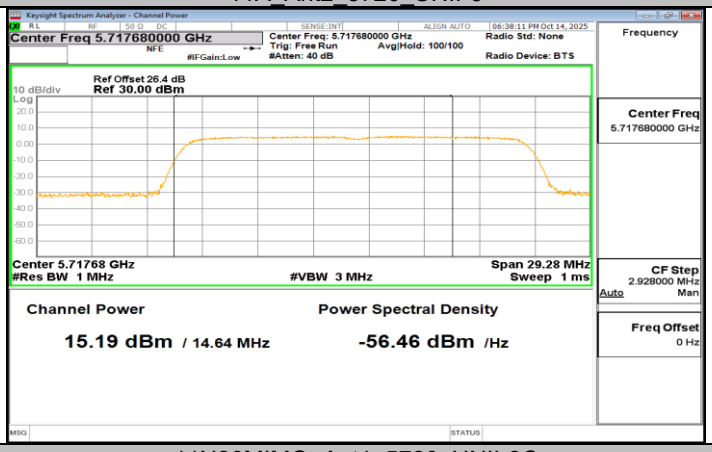
11A_Ant2_5720_UNII-2C



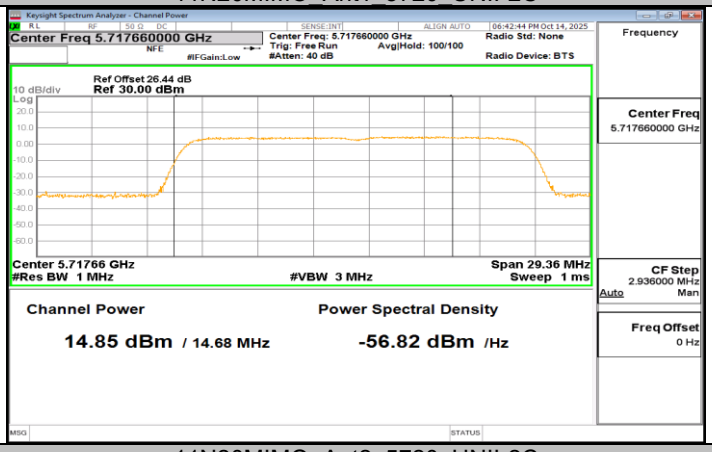
11A_Ant1_5720_UNII-3



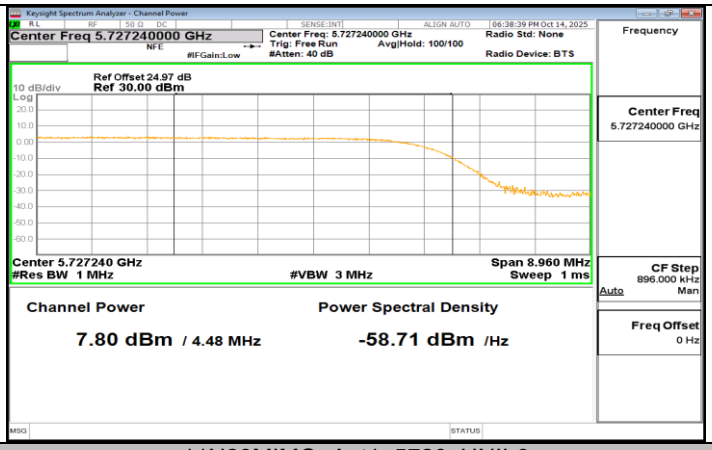
11A_Ant2_5720_UNII-3



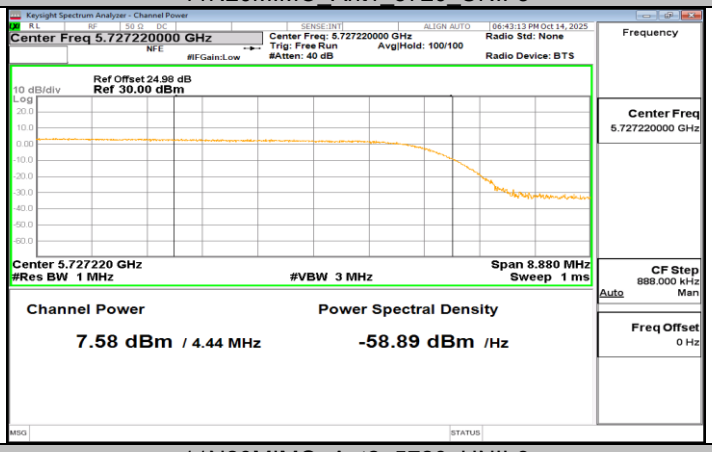
11N20MIMO_Ant1_5720_UNII-2C



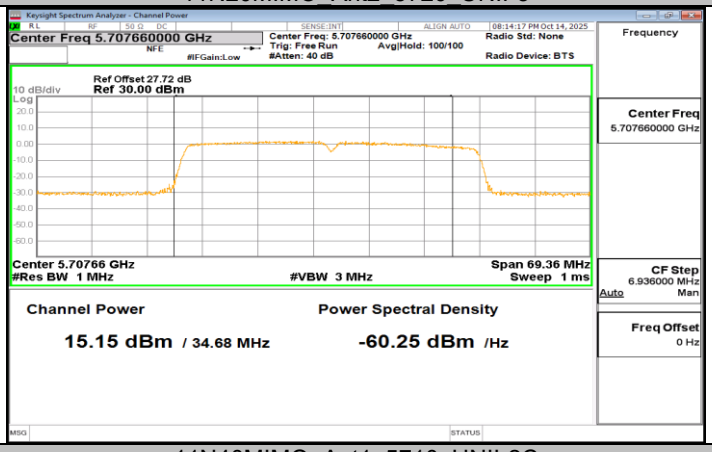
11N20MIMO_Ant2_5720_UNII-2C



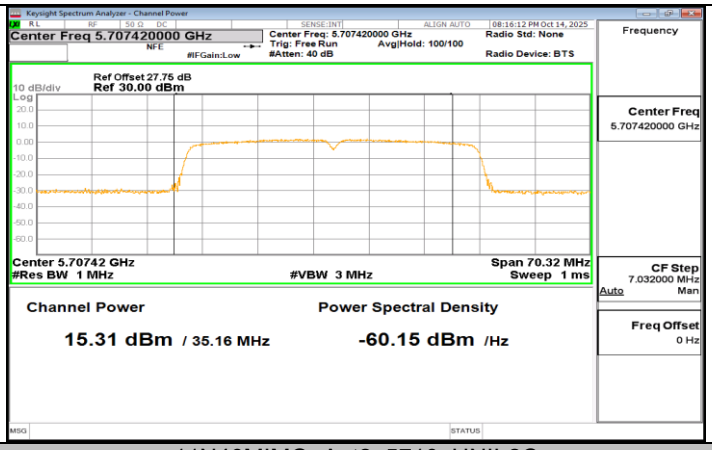
11N20MIMO_Ant1_5720_UNII-3



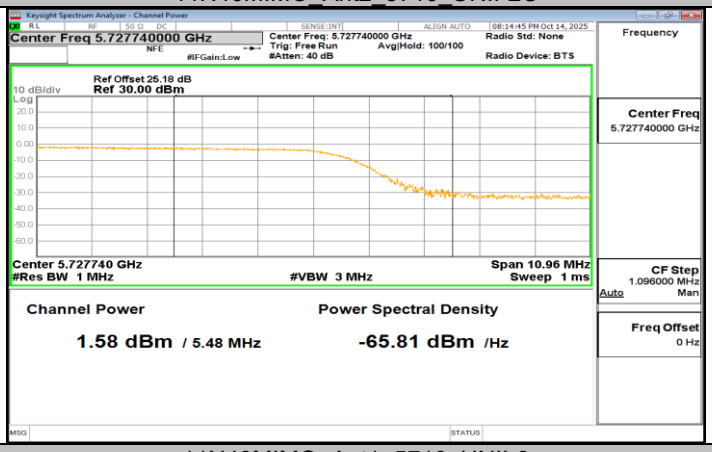
11N20MIMO_Ant2_5720_UNII-3



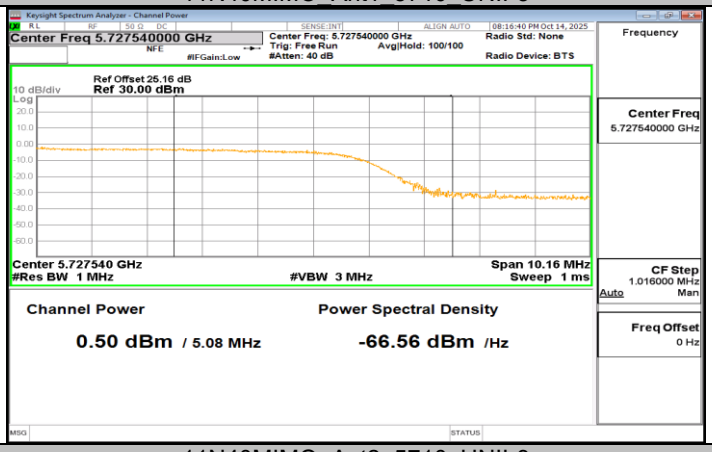
11N40MIMO_Ant1_5710_UNII-2C



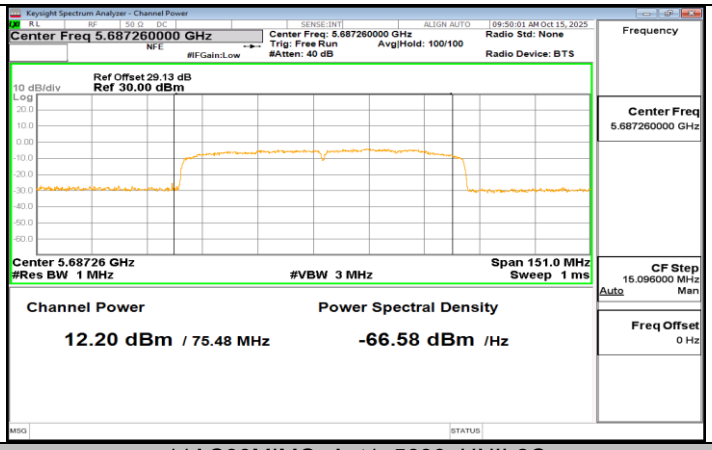
11N40MIMO_Ant2_5710_UNII-2C



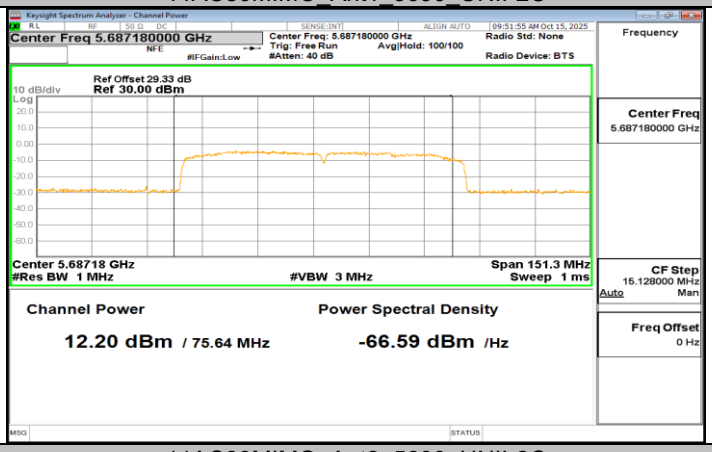
11N40MIMO_Ant1_5710_UNII-3



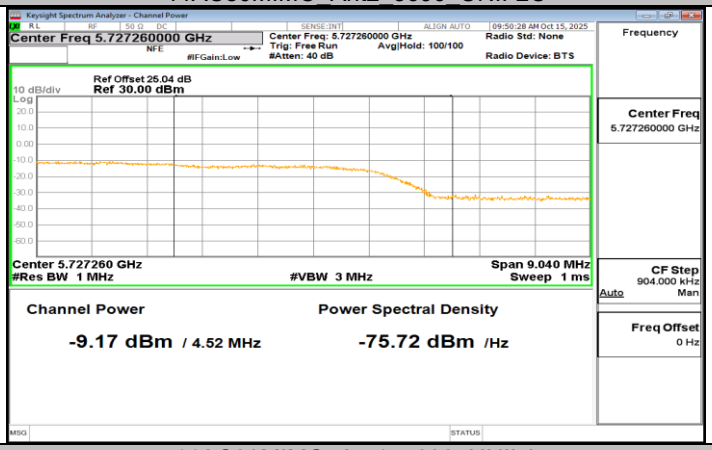
11N40MIMO_Ant2_5710_UNII-3



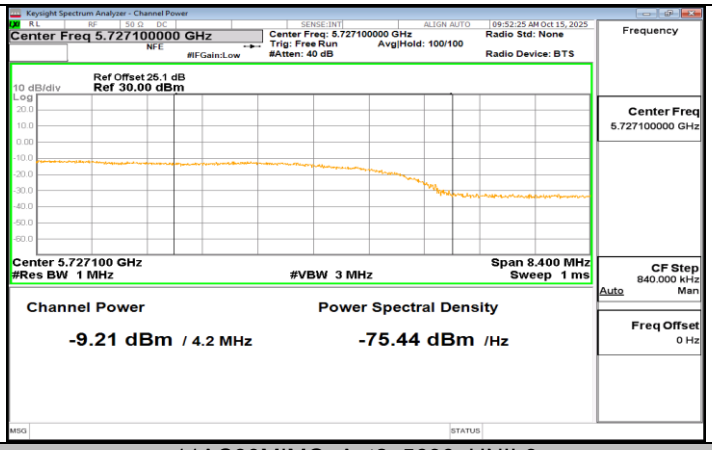
11AC80MIMO_Ant1_5690_UNII-2C



11AC80MIMO_Ant2_5690_UNII-2C



11AC80MIMO_Ant1_5690_UNII-3



11AC80MIMO_Ant2_5690_UNII-3

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

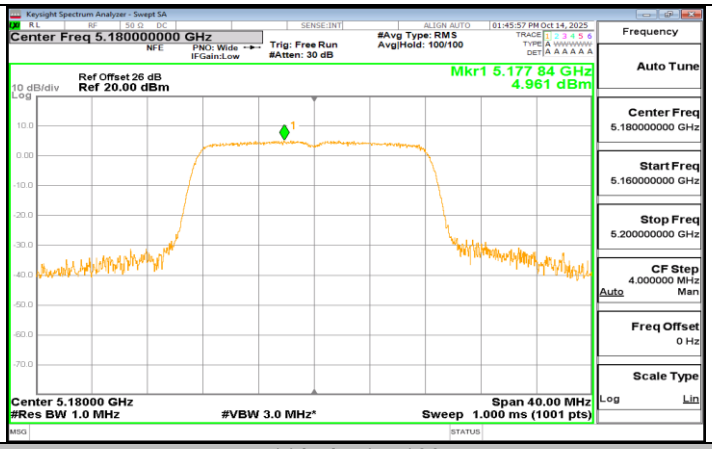
Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	4.96	≤11.00	5.63	≤10.00	PASS
	Ant2	5180	4.63	≤11.00	5.84	≤10.00	PASS
	Ant1	5200	4.88	≤11.00	5.55	≤10.00	PASS
	Ant2	5200	4.66	≤11.00	5.87	≤10.00	PASS
	Ant1	5240	4.95	≤11.00	5.62	≤10.00	PASS
	Ant2	5240	4.3	≤11.00	5.51	≤10.00	PASS
	Ant1	5260	4.85	≤11.00	5.52	---	PASS
	Ant2	5260	4.18	≤11.00	5.39	---	PASS
	Ant1	5280	4.12	≤11.00	4.79	---	PASS
	Ant2	5280	4.14	≤11.00	5.35	---	PASS
	Ant1	5320	4.45	≤11.00	5.12	---	PASS
	Ant2	5320	4.2	≤11.00	5.41	---	PASS
	Ant1	5500	3.68	≤11.00	4.35	---	PASS
	Ant2	5500	4.26	≤11.00	5.47	---	PASS
	Ant1	5580	4.24	≤11.00	4.91	---	PASS
	Ant2	5580	4.26	≤11.00	5.47	---	PASS
	Ant1	5700	4.64	≤11.00	5.31	---	PASS
	Ant2	5700	4.31	≤11.00	5.52	---	PASS
	Ant1	5720_UNII-2C	5.52	≤11.00	6.19	---	PASS
	Ant2	5720_UNII-2C	5.77	≤11.00	6.98	---	PASS
	Ant1	5720_UNII-3	2.07	≤30.00	2.74	---	PASS
	Ant2	5720_UNII-3	1.49	≤30.00	2.70	---	PASS
	Ant1	5745	1.16	≤30.00	1.83	---	PASS
	Ant2	5745	0.98	≤30.00	2.19	---	PASS
	Ant1	5785	1.32	≤30.00	1.99	---	PASS
	Ant2	5785	2.02	≤30.00	3.23	---	PASS
	Ant1	5825	1.53	≤30.00	2.20	---	PASS
	Ant2	5825	1.69	≤30.00	2.90	---	PASS
11N20MIMO	Ant1	5180	2.14	≤11.00	2.81	≤10.00	PASS
	Ant2	5180	2.23	≤11.00	3.44	≤10.00	PASS
	total	5180	5.2	≤11.00	9.42	≤10.00	PASS
	Ant1	5200	2.19	≤11.00	2.86	≤10.00	PASS
	Ant2	5200	2.18	≤11.00	3.39	≤10.00	PASS
	total	5200	5.2	≤11.00	9.42	≤10.00	PASS
	Ant1	5240	2.23	≤11.00	2.90	≤10.00	PASS
	Ant2	5240	1.95	≤11.00	3.16	≤10.00	PASS
	total	5240	5.1	≤11.00	9.32	≤10.00	PASS
	Ant1	5260	4.09	≤11.00	4.76	---	PASS
	Ant2	5260	4.2	≤11.00	5.41	---	PASS
	total	5260	7.16	≤11.00	11.38	---	PASS
	Ant1	5280	4.19	≤11.00	4.86	---	PASS
	Ant2	5280	4.23	≤11.00	5.44	---	PASS
	total	5280	7.22	≤11.00	11.44	---	PASS
	Ant1	5320	3.85	≤11.00	4.52	---	PASS
	Ant2	5320	4.47	≤11.00	5.68	---	PASS
	total	5320	7.18	≤11.00	11.40	---	PASS
	Ant1	5500	4.07	≤11.00	4.74	---	PASS
	Ant2	5500	4.23	≤11.00	5.44	---	PASS
	total	5500	7.16	≤11.00	11.38	---	PASS
	Ant1	5580	4.38	≤11.00	5.05	---	PASS
	Ant2	5580	4.1	≤11.00	5.31	---	PASS
	total	5580	7.25	≤11.00	11.47	---	PASS
	Ant1	5700	3.94	≤11.00	4.61	---	PASS
	Ant2	5700	3.89	≤11.00	5.10	---	PASS
	total	5700	6.93	≤11.00	11.15	---	PASS

	Ant1	5720_UNII-2C	5.07	≤11.00	5.74	---	PASS
	Ant2	5720_UNII-2C	4.73	≤11.00	5.94	---	PASS
	total	5720_UNII-2C	7.91	≤11.00	12.13	---	PASS
	Ant1	5720_UNII-3	1.15	≤30.00	1.82	---	PASS
	Ant2	5720_UNII-3	1.62	≤30.00	2.83	---	PASS
	total	5720_UNII-3	4.4	≤30.00	8.62	---	PASS
	Ant1	5745	1.42	≤30.00	2.09	---	PASS
	Ant2	5745	0.95	≤30.00	2.16	---	PASS
	total	5745	4.2	≤30.00	8.42	---	PASS
	Ant1	5785	1.19	≤30.00	1.86	---	PASS
	Ant2	5785	1.22	≤30.00	2.43	---	PASS
	total	5785	4.22	≤30.00	8.44	---	PASS
	Ant1	5825	0.66	≤30.00	1.33	---	PASS
	Ant2	5825	1.72	≤30.00	2.93	---	PASS
	total	5825	4.23	≤30.00	8.45	---	PASS
11N40MIMO	Ant1	5190	1.49	≤11.00	2.16	≤10.00	PASS
	Ant2	5190	1.25	≤11.00	2.46	≤10.00	PASS
	total	5190	4.38	≤11.00	8.60	≤10.00	PASS
	Ant1	5230	1.51	≤11.00	2.18	≤10.00	PASS
	Ant2	5230	1.95	≤11.00	3.16	≤10.00	PASS
	total	5230	4.75	≤11.00	8.97	≤10.00	PASS
	Ant1	5270	2.26	≤11.00	2.93	---	PASS
	Ant2	5270	1.89	≤11.00	3.10	---	PASS
	total	5270	5.09	≤11.00	9.31	---	PASS
	Ant1	5310	1.59	≤11.00	2.26	---	PASS
	Ant2	5310	1.97	≤11.00	3.18	---	PASS
	total	5310	4.79	≤11.00	9.01	---	PASS
	Ant1	5510	1.61	≤11.00	2.28	---	PASS
	Ant2	5510	2.16	≤11.00	3.37	---	PASS
	total	5510	4.9	≤11.00	9.12	---	PASS
	Ant1	5550	1.56	≤11.00	2.23	---	PASS
	Ant2	5550	1.76	≤11.00	2.97	---	PASS
	total	5550	4.67	≤11.00	8.89	---	PASS
	Ant1	5670	1.86	≤11.00	2.53	---	PASS
	Ant2	5670	1.93	≤11.00	3.14	---	PASS
	total	5670	4.91	≤11.00	9.13	---	PASS
	Ant1	5710_UNII-2C	2.38	≤11.00	3.05	---	PASS
	Ant2	5710_UNII-2C	1.49	≤11.00	2.70	---	PASS
	total	5710_UNII-2C	4.97	≤11.00	9.19	---	PASS
	Ant1	5710_UNII-3	-2.9	≤30.00	-2.23	---	PASS
	Ant2	5710_UNII-3	-3.69	≤30.00	-2.48	---	PASS
	total	5710_UNII-3	-0.27	≤30.00	3.95	---	PASS
	Ant1	5755	-0.69	≤30.00	-0.02	---	PASS
	Ant2	5755	-1.05	≤30.00	0.16	---	PASS
	total	5755	2.14	≤30.00	6.36	---	PASS
	Ant1	5795	-1.91	≤30.00	-1.24	---	PASS
	Ant2	5795	-1.03	≤30.00	0.18	---	PASS
	total	5795	1.56	≤30.00	5.78	---	PASS
11AC80MIMO	Ant1	5210	-4.05	≤11.00	-3.38	≤10.00	PASS
	Ant2	5210	-3.87	≤11.00	-2.66	≤10.00	PASS
	total	5210	-0.95	≤11.00	3.27	≤10.00	PASS
	Ant1	5290	-3.4	≤11.00	-2.73	---	PASS
	Ant2	5290	-3.38	≤11.00	-2.17	---	PASS
	total	5290	-0.38	≤11.00	3.84	---	PASS
	Ant1	5530	-4.27	≤11.00	-3.60	---	PASS
	Ant2	5530	-4.02	≤11.00	-2.81	---	PASS
	total	5530	-1.13	≤11.00	3.09	---	PASS
	Ant1	5610	-3.92	≤11.00	-3.25	---	PASS
	Ant2	5610	-3.75	≤11.00	-2.54	---	PASS
	total	5610	-0.82	≤11.00	3.40	---	PASS

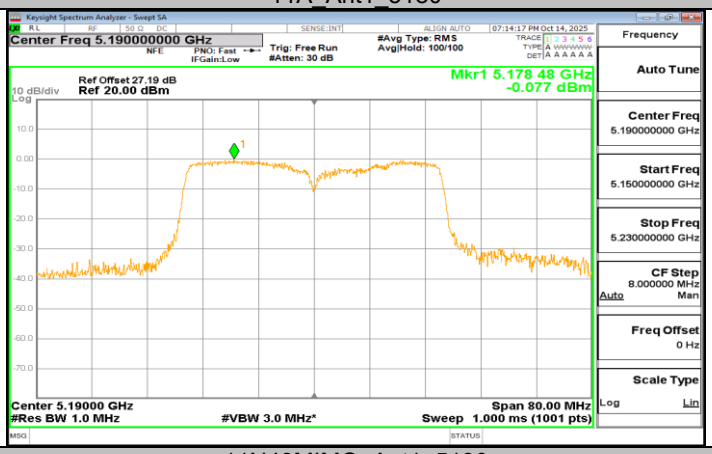
	Ant1	5690_UNII-2C	-4.38	≤11.00	-3.71	---	PASS
	Ant2	5690_UNII-2C	-3.87	≤11.00	-2.66	---	PASS
	total	5690_UNII-2C	-1.11	≤11.00	3.11	---	PASS
	Ant1	5690_UNII-3	-11.26	≤30.00	-10.59	---	PASS
	Ant2	5690_UNII-3	-11.13	≤30.00	-9.92	---	PASS
	total	5690_UNII-3	-8.18	≤30.00	-3.96	---	PASS
	Ant1	5775	-7.25	≤30.00	-6.58	---	PASS
	Ant2	5775	-6.57	≤30.00	-5.36	---	PASS
	total	5775	-3.89	≤30.00	0.33	---	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.

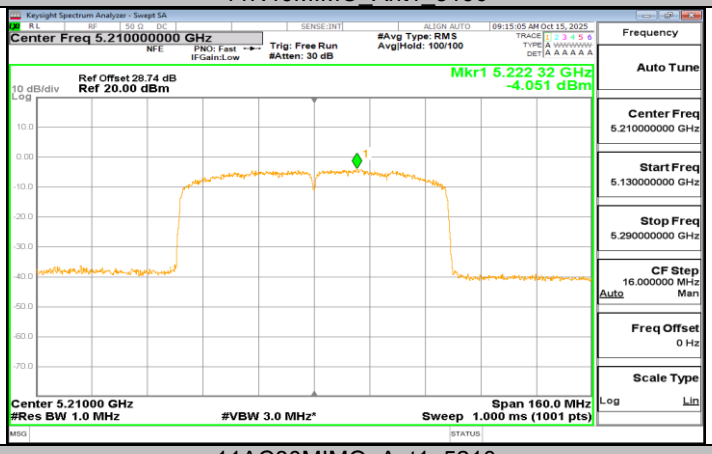
11.5.2. Test Graphs



11A_Ant1_5180



11N40MIMO_Ant1_5190



11AC80MIMO_Ant1_5210

Note: To reduce report size, only one test plot for each bandwidth is recorded in the report as a reference for test settings.

11.6. APPENDIX I: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
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	5199.9980	-0.38	5199.9776	-4.30	5199.9950	-0.96	5200.0191	3.67
TN	VN	5200.0020	0.39	5199.9774	-4.36	5200.0118	2.26	5199.9860	-2.69
TN	VH	5200.0160	3.08	5199.9830	-3.27	5199.9875	-2.40	5199.9848	-2.92
Frequency Error vs. Temperature									
802.11a:5200MHz									
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	5199.9939	-1.18	5200.0079	1.51	5199.9873	-2.45	5200.0122	2.36
60	VN	5200.0149	2.87	5200.0028	0.54	5200.0181	3.48	5200.0113	2.17
50	VN	5199.9866	-2.58	5200.0034	0.65	5199.9787	-4.10	5200.0126	2.42
40	VN	5200.0193	3.72	5200.0014	0.28	5200.0025	0.48	5200.0207	3.98
30	VN	5199.9781	-4.22	5200.0070	1.35	5200.0091	1.75	5200.0166	3.19
20	VN	5199.9995	-0.09	5199.9967	-0.63	5199.9901	-1.91	5200.0220	4.22
10	VN	5200.0002	0.04	5200.0125	2.39	5199.9836	-3.15	5199.9877	-2.36
0	VN	5200.0201	3.86	5200.0053	1.02	5199.9812	-3.61	5200.0173	3.32

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.

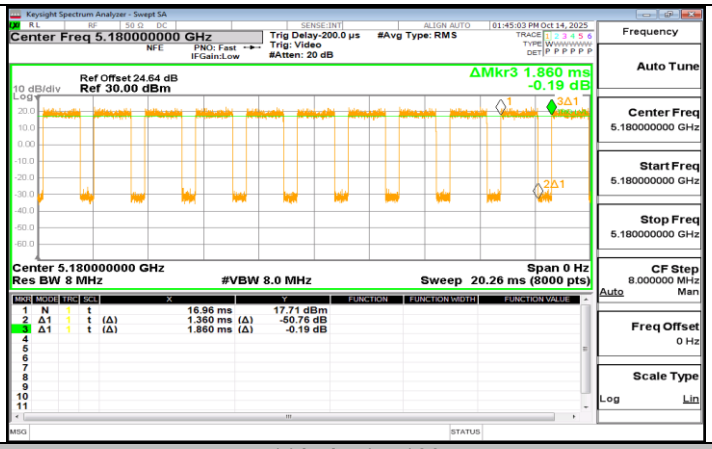
11.7. APPENDIX J: DUTY CYCLE

11.7.1. Test Result

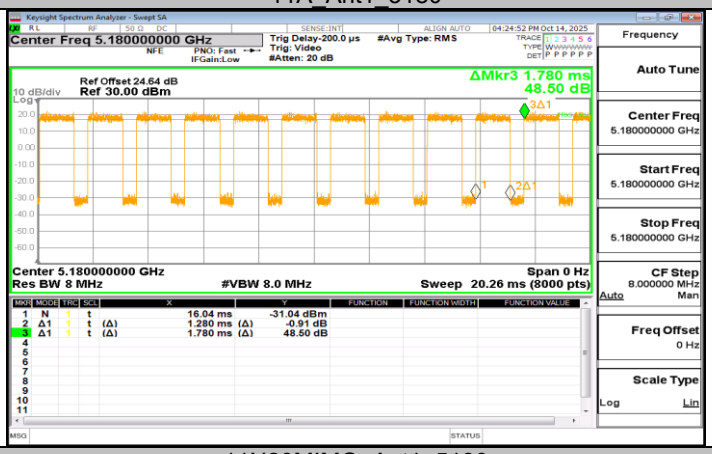
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	1.36	1.86	0.7312	73.12	1.36	0.74	1
11N20MIMO	1.28	1.78	0.7191	71.91	1.43	0.78	1
11N40MIMO	0.63	1.13	0.5575	55.75	2.54	1.59	2
11AC80MIMO	0.32	0.82	0.3902	39.02	4.09	3.13	4

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.

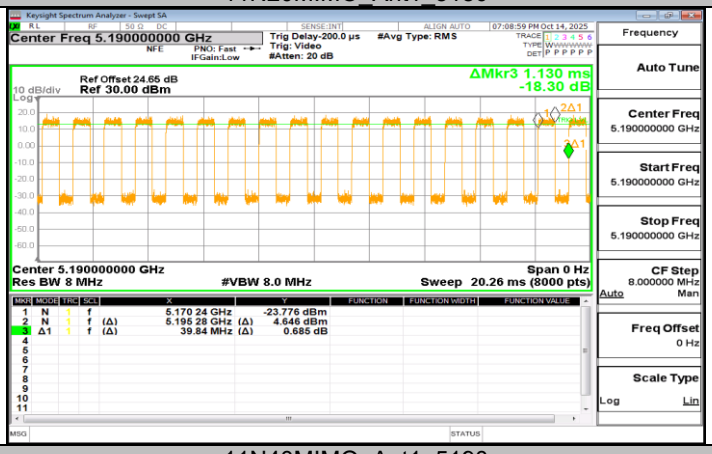
11.7.2. Test Graphs



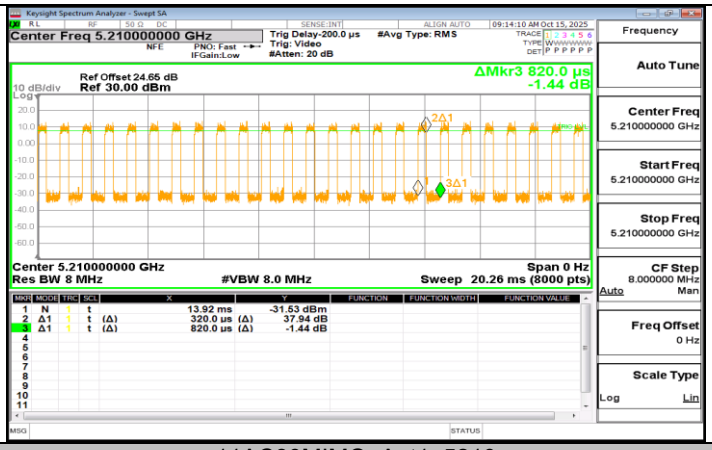
11A_Ant1_5180



11N20MIMO_Ant1_5180



11N40MIMO_Ant1_5190



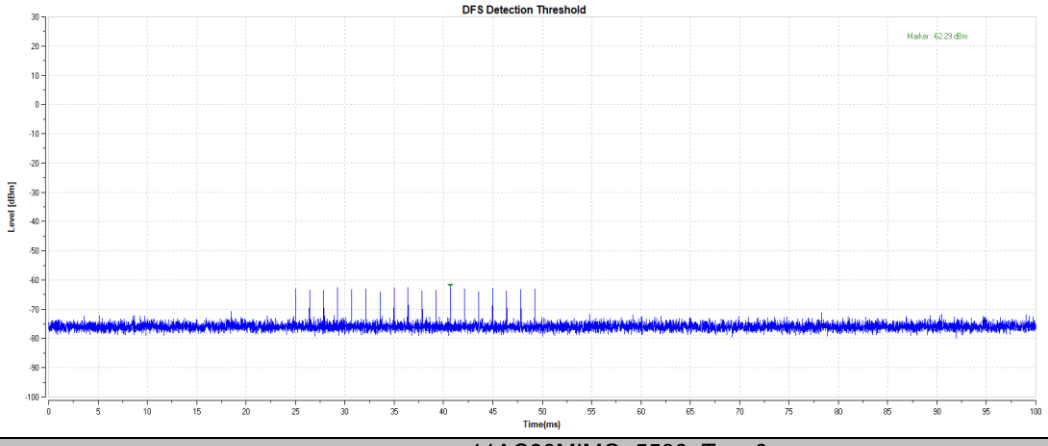
11AC80MIMO_Ant1_5210

11.8. APPENDIX K: DFS DETECTION THRESHOLDS

11.8.1. Test Result

Test Mode	Frequency[MHz]	Radar Type	Result	Limit[dbm]	Verdict
11AC80MIMO	5530	Type0	-62.29	-62.00	PASS

11.8.2. Test Graphs



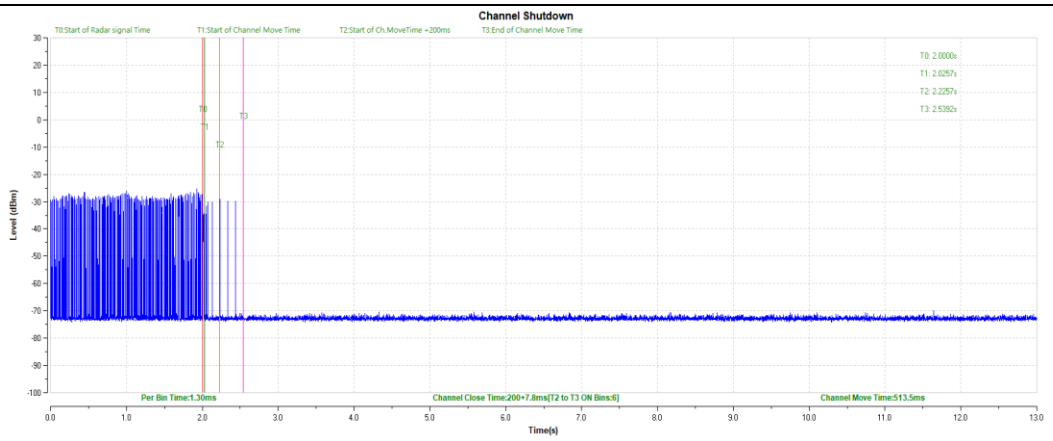
11AC80MIMO_5530_Type0

11.9. APPENDIX L: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

Test Mode	Frequency[MHz]	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80MIMO	5530	200+7.8	200+60	513.5	10000	PASS

11.9.2. Test Graphs



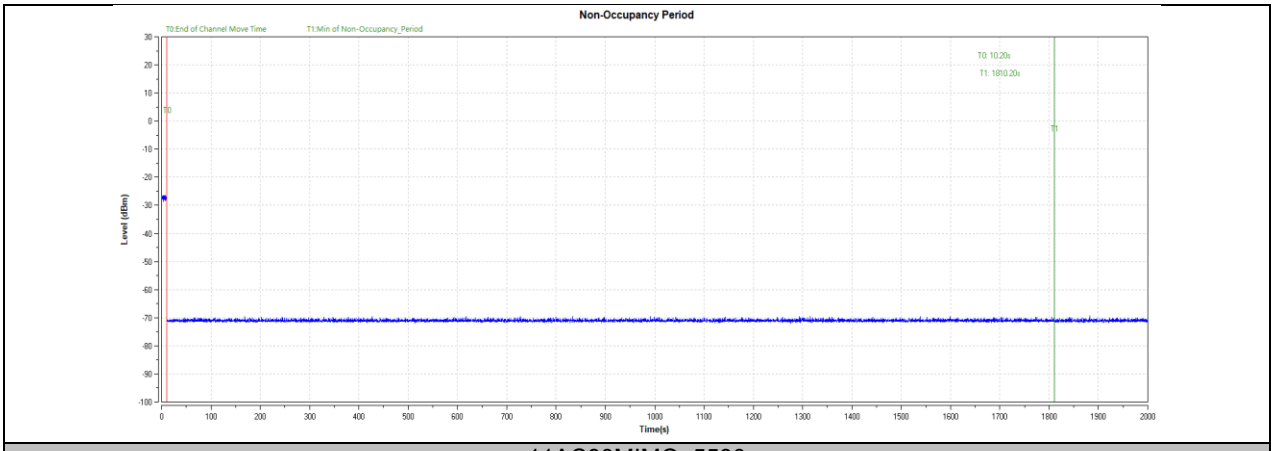
11AC80MIMO_5530

11.10. APPENDIX M: NON-OCCUPANCY PERIOD

11.10.1. Test Result

Test Mode	Channel	Result	Limit[s]	Verdict
11AC80MIMO	5530	see test graph	≥1800	PASS

11.10.2. Test Graphs



11AC80MIMO_5530

END OF REPORT