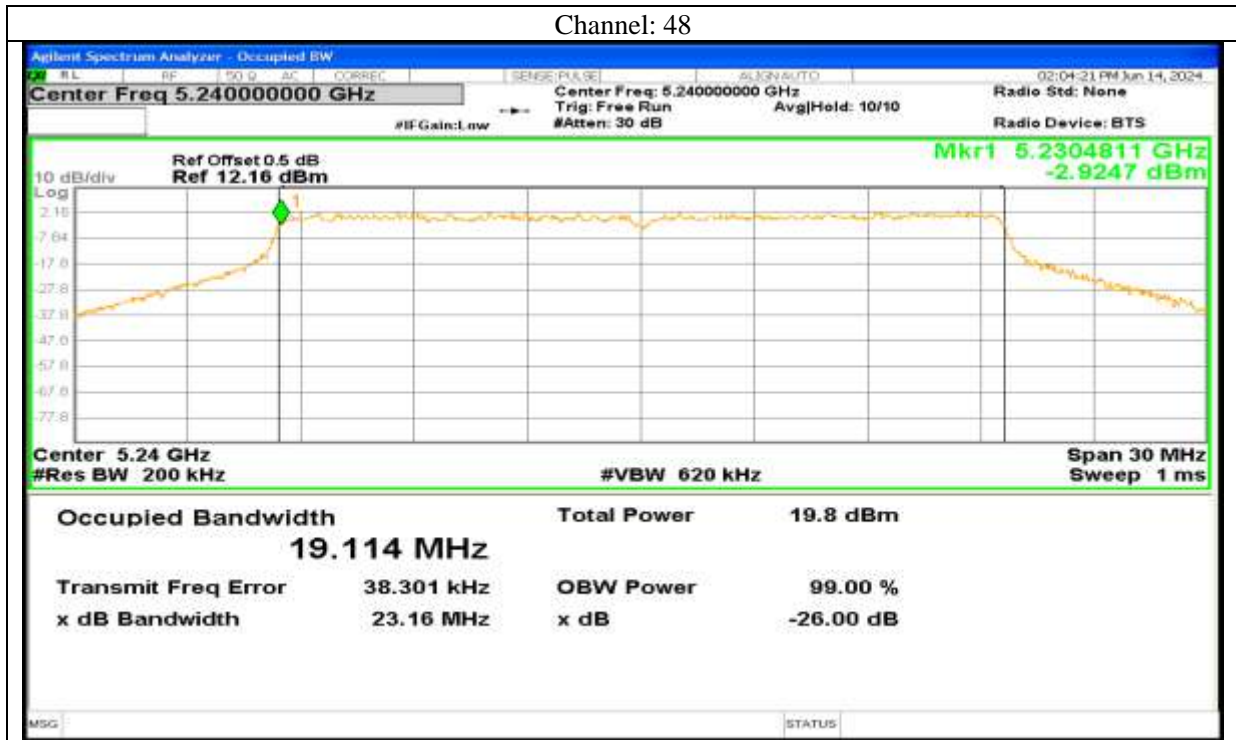


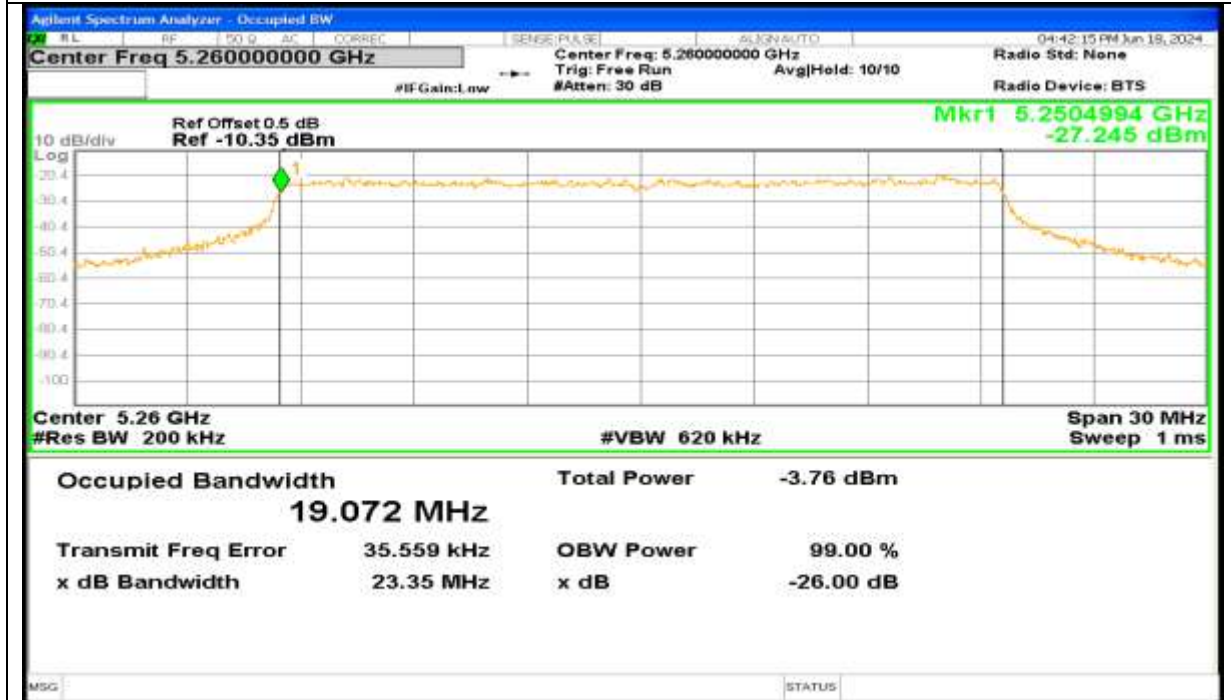
Report No.: AAEMT/RF/240507-01-01

Channel: 48

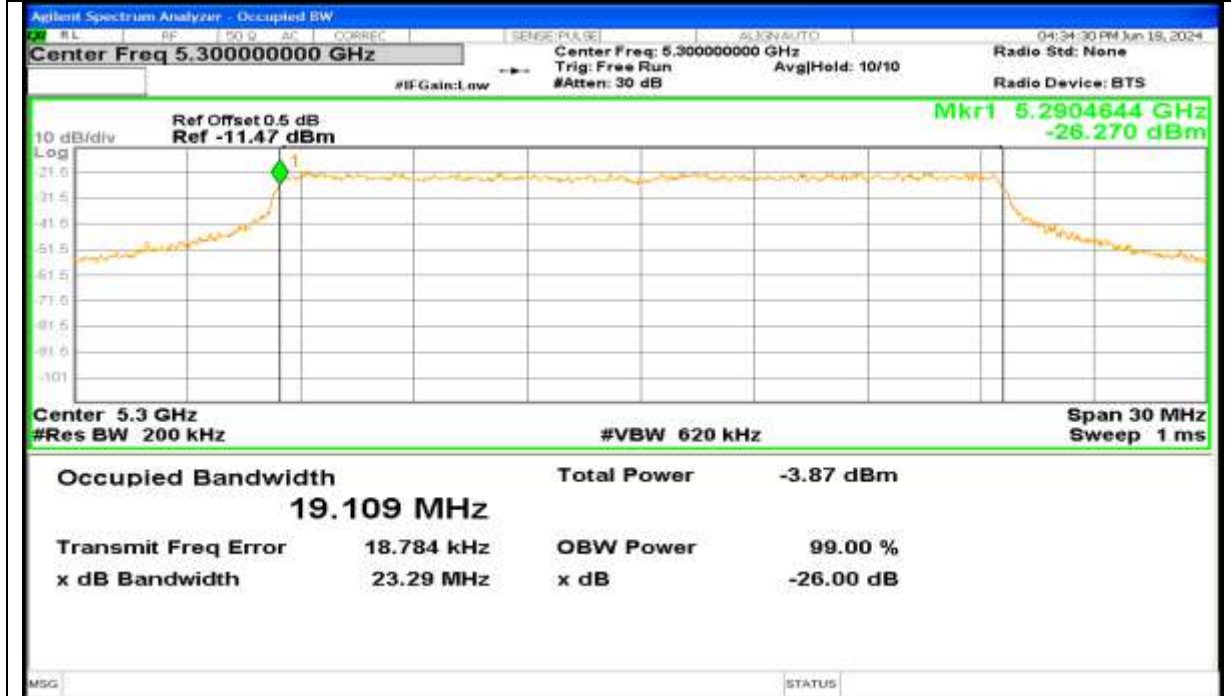


99% OBW 802.11ax20

Channel: 52

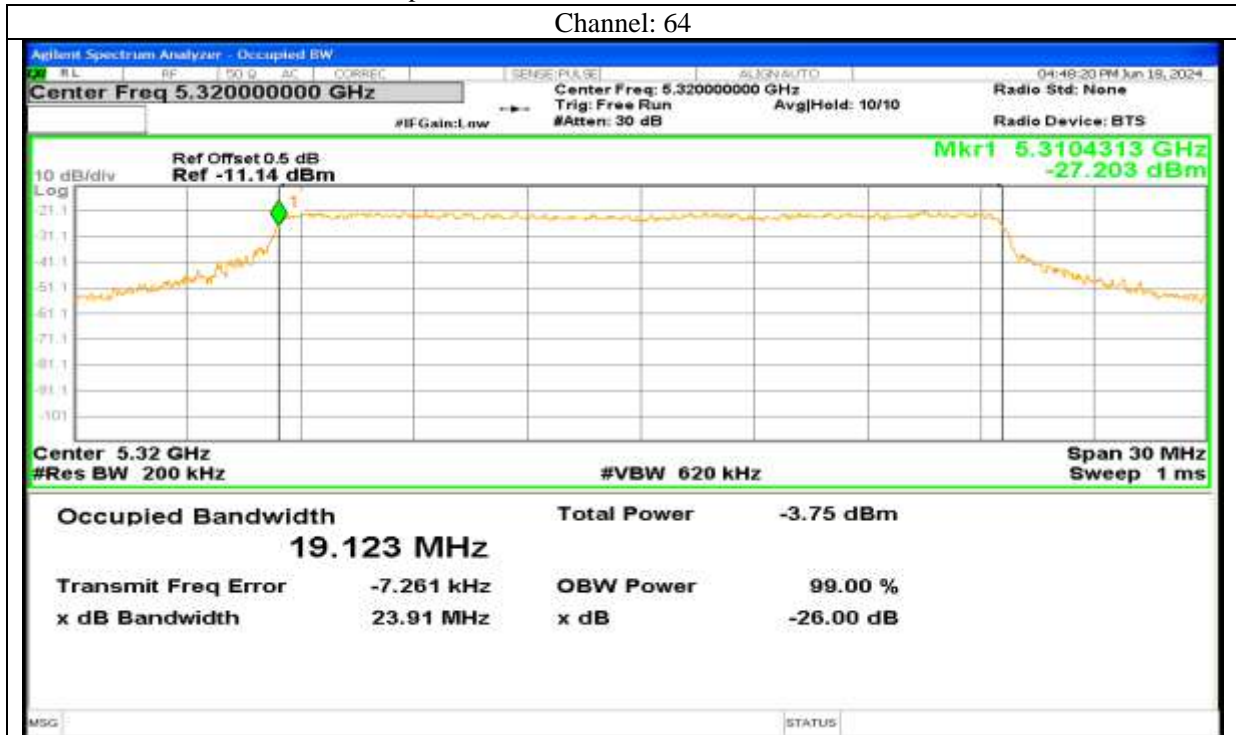


Channel: 60



Report No.: AAEMT/RF/240507-01-01

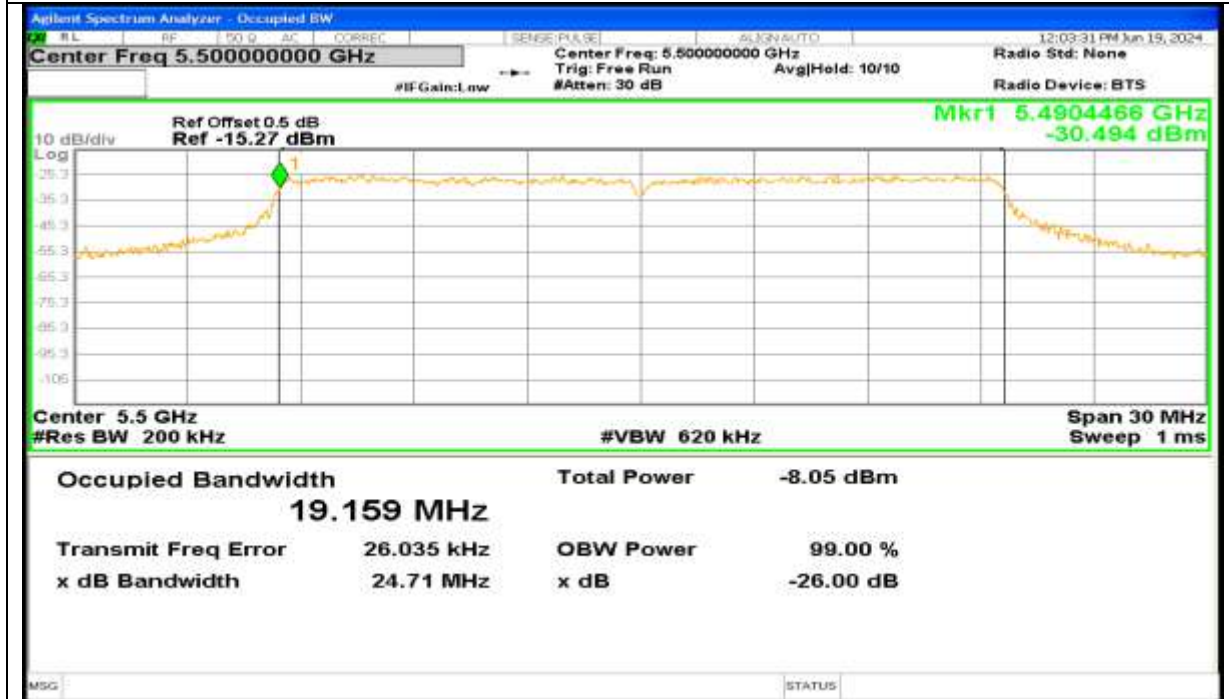
Channel: 64



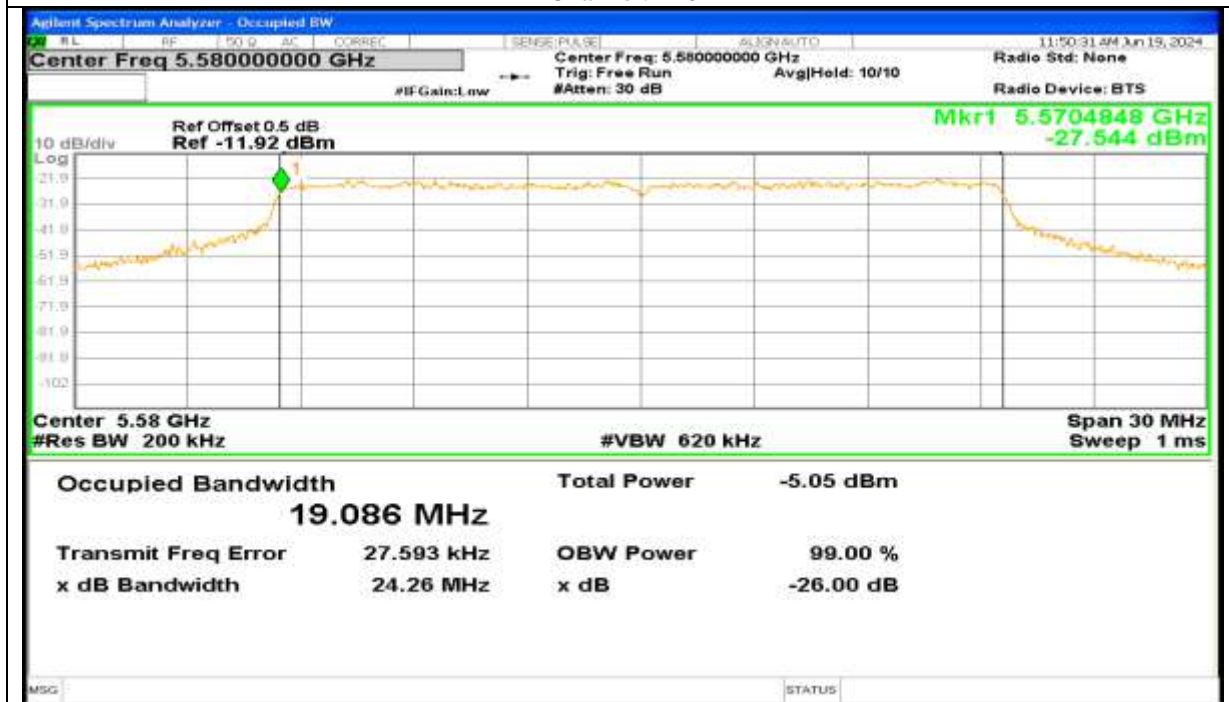
Report No.: AAEMT/RF/240507-01-01

99% OBW 802.11ax20

Channel: 100

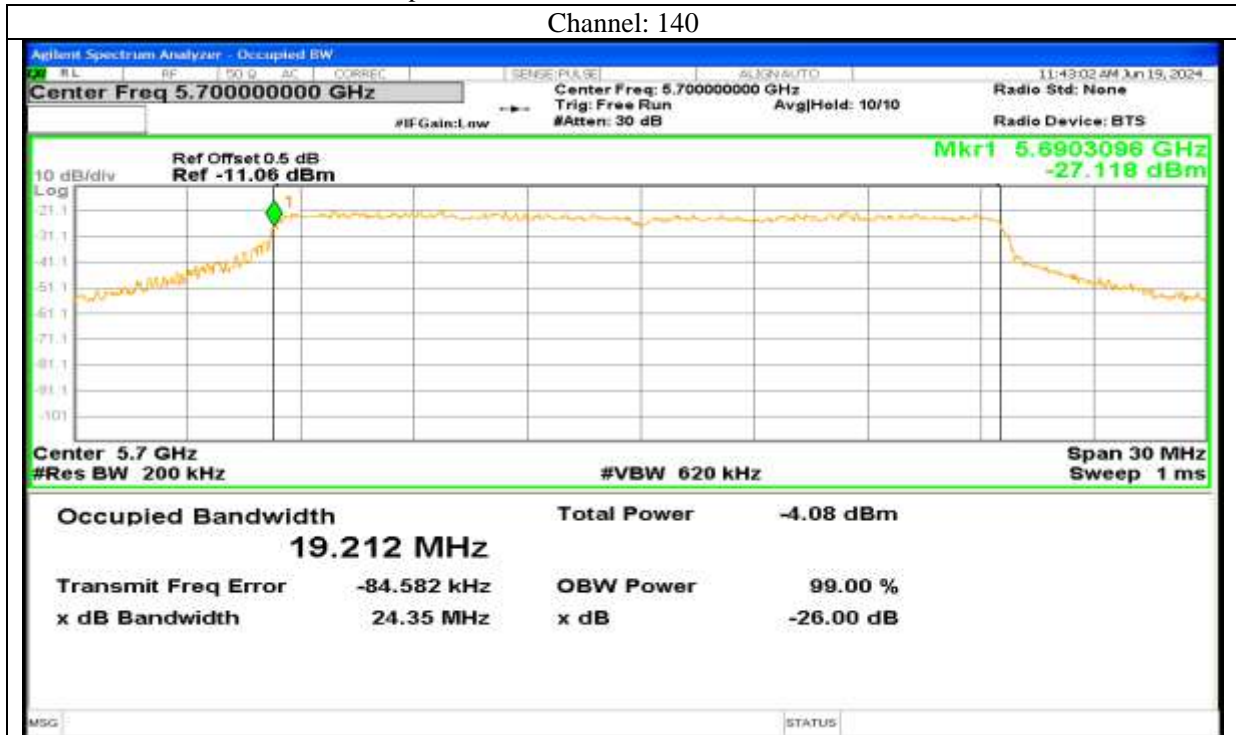


Channel: 116



Report No.: AAEMT/RF/240507-01-01

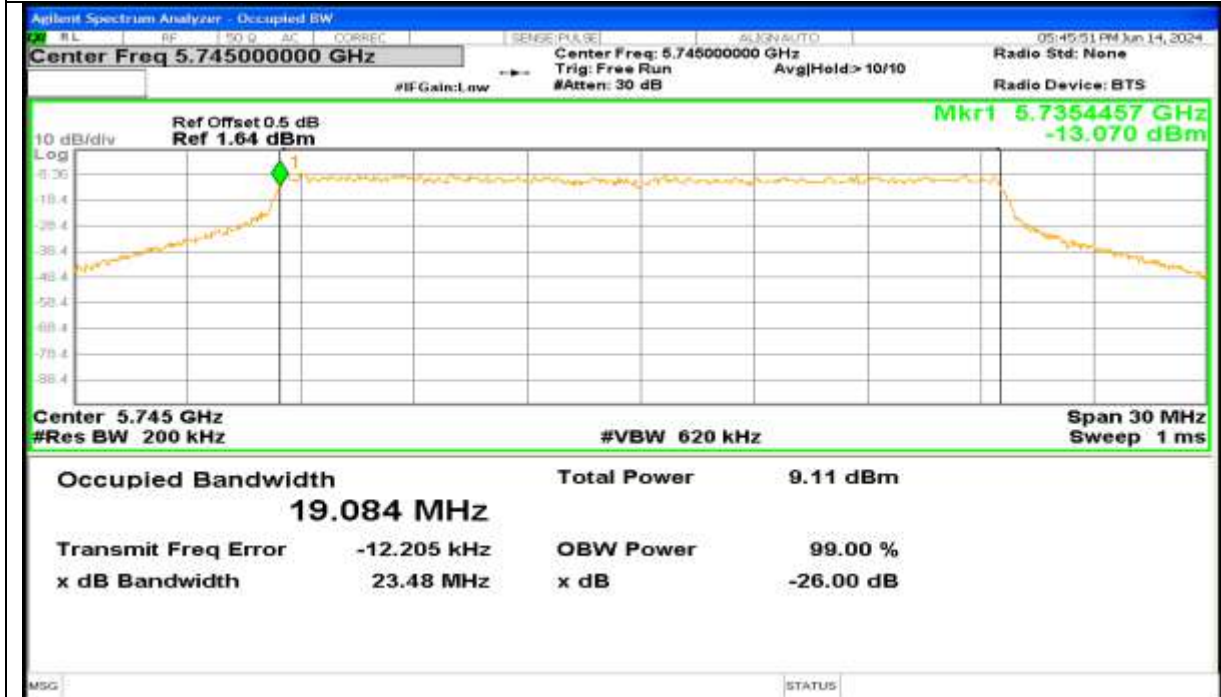
Channel: 140



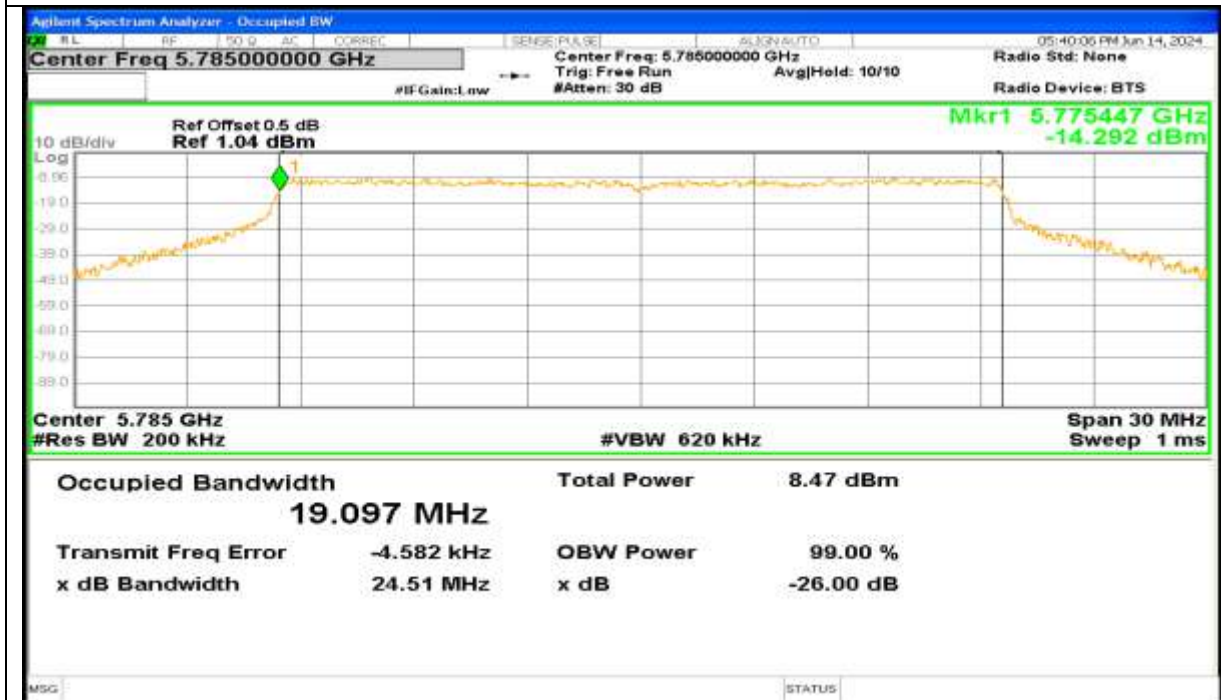
Report No.: AAEMT/RF/240507-01-01

99% OBW 802.11ax20

Channel: 149

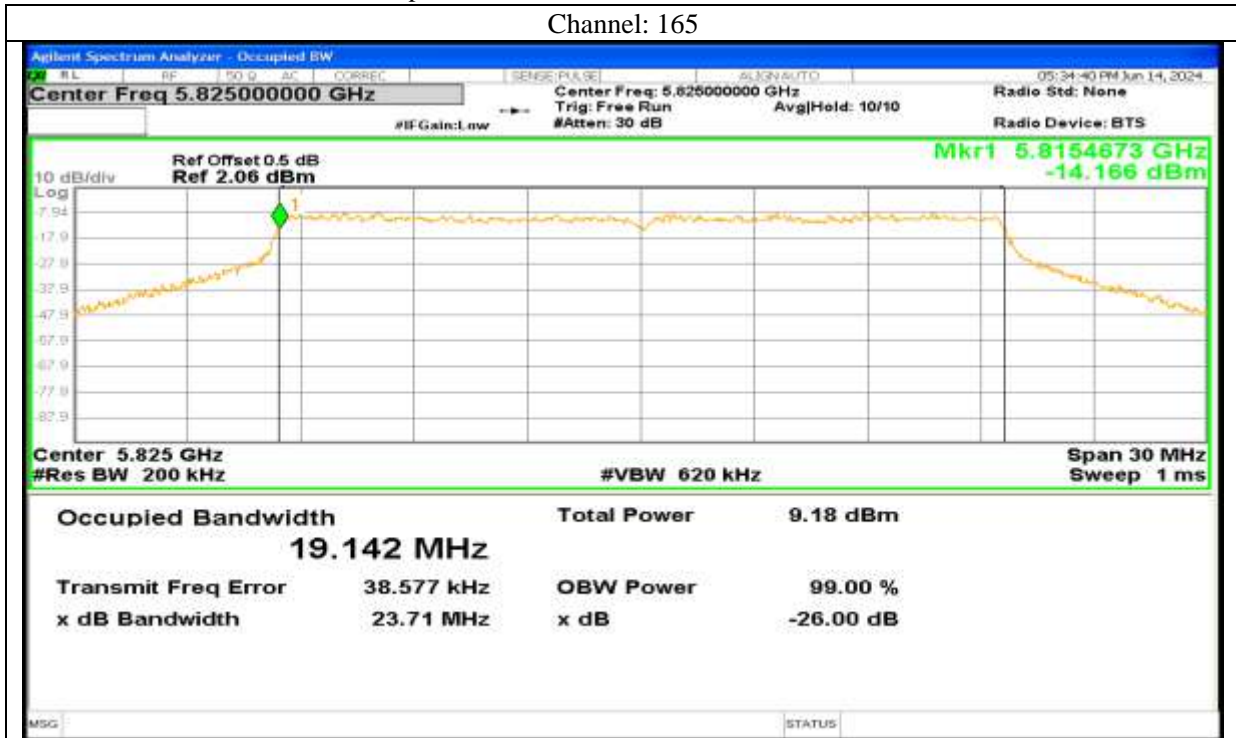


Channel: 157



Report No.: AAEMT/RF/240507-01-01

Channel: 165





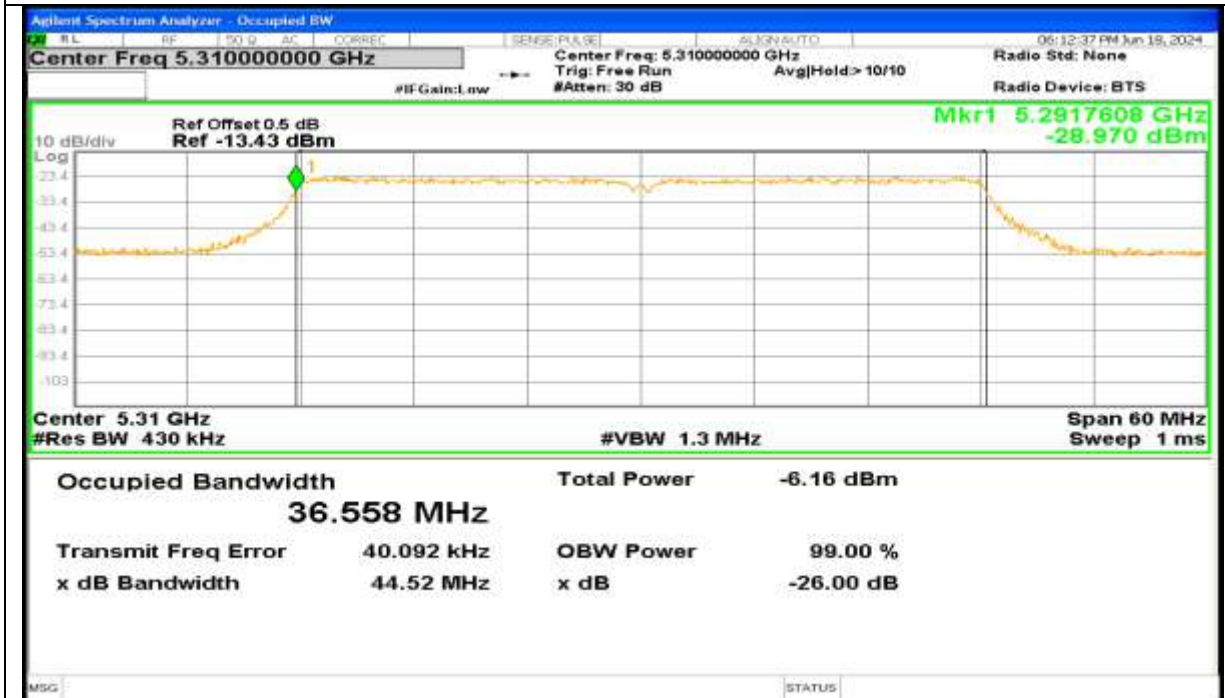
Report No.: AAEMT/RF/240507-01-01

99% OBW 802.11ac40

Channel: 54



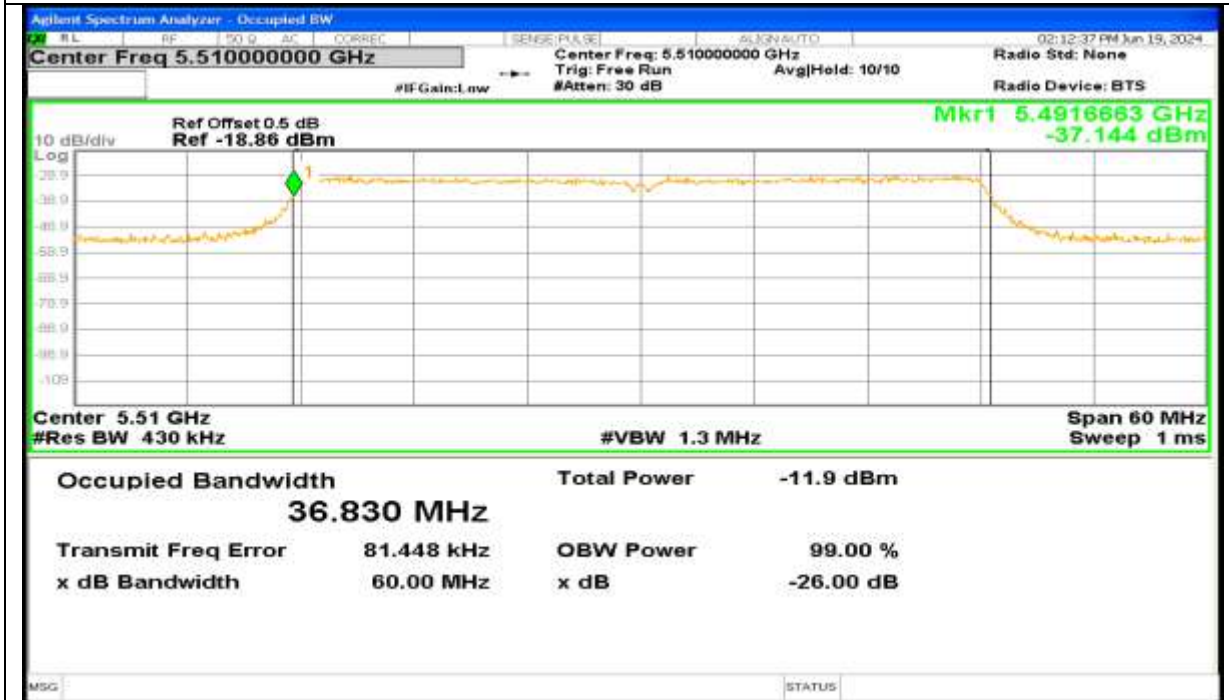
Channel: 62



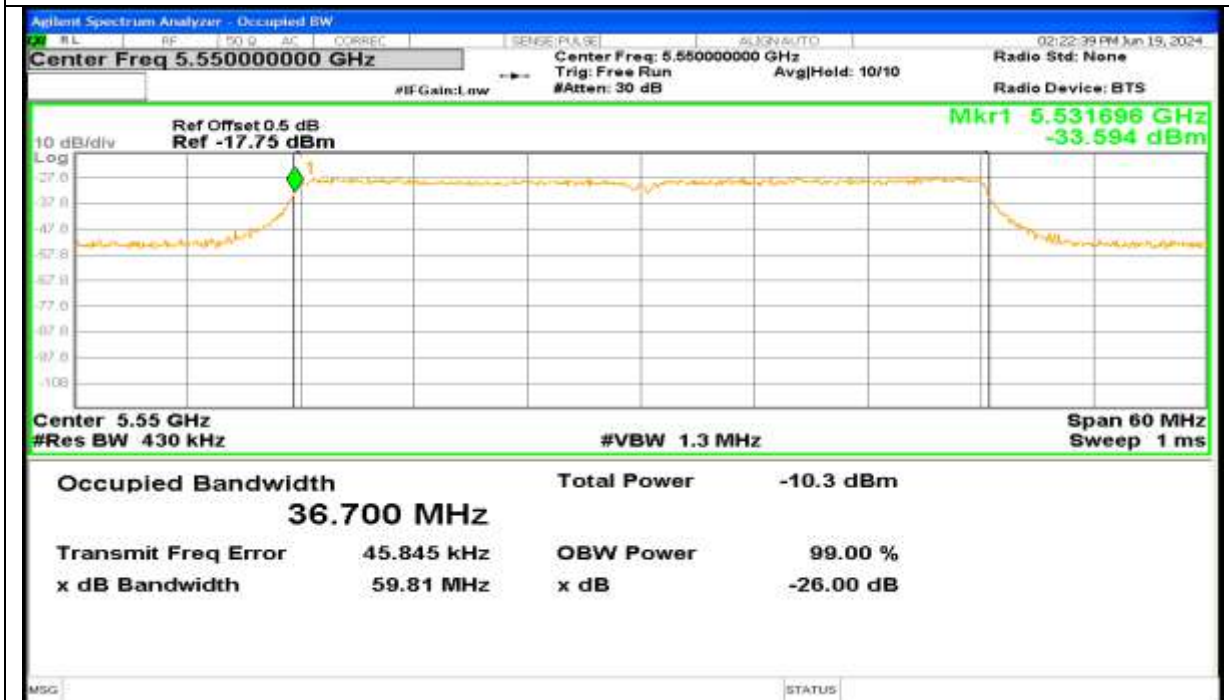
Report No.: AAEMT/RF/240507-01-01

99% OBW 802.11ac40

Channel: 102

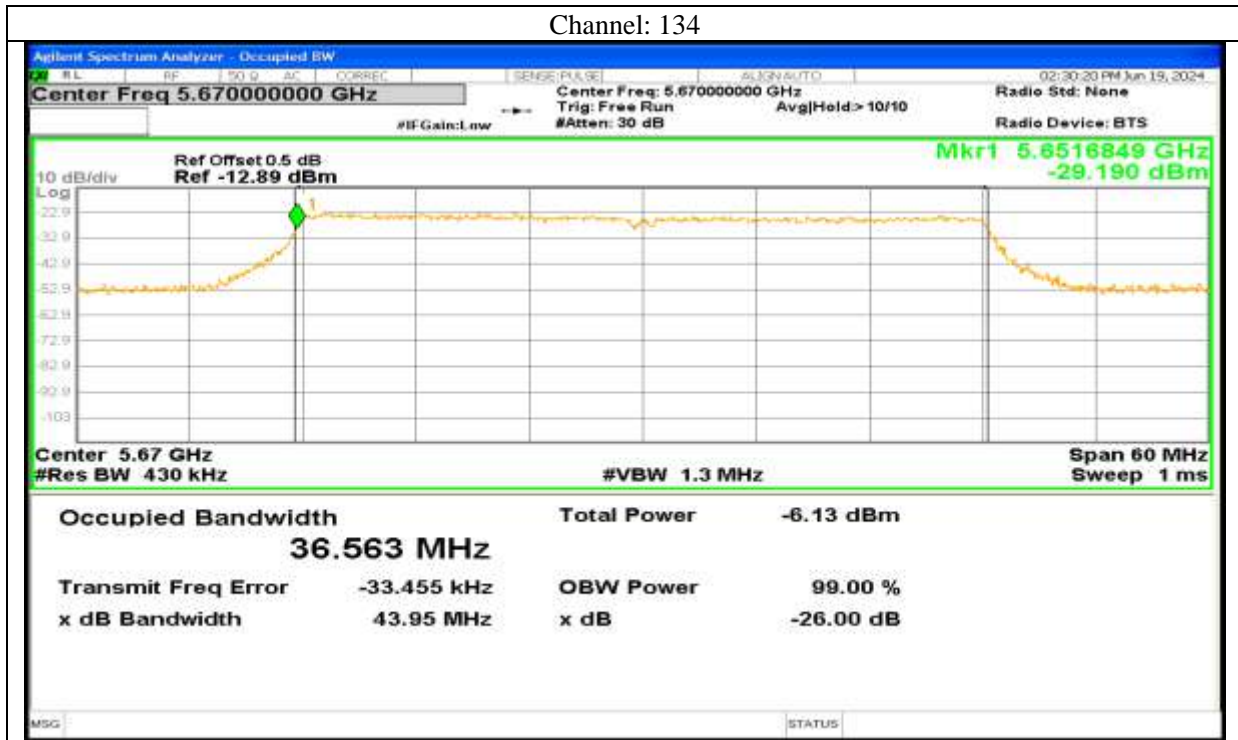


Channel: 110

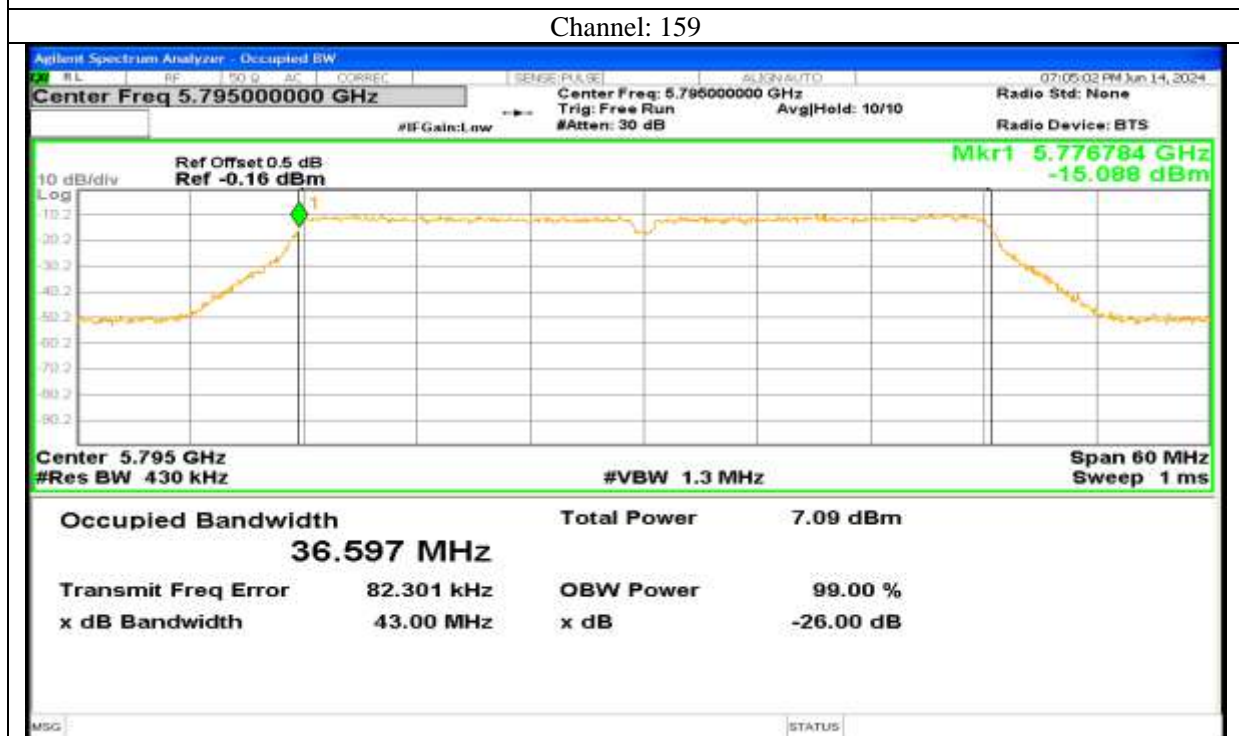
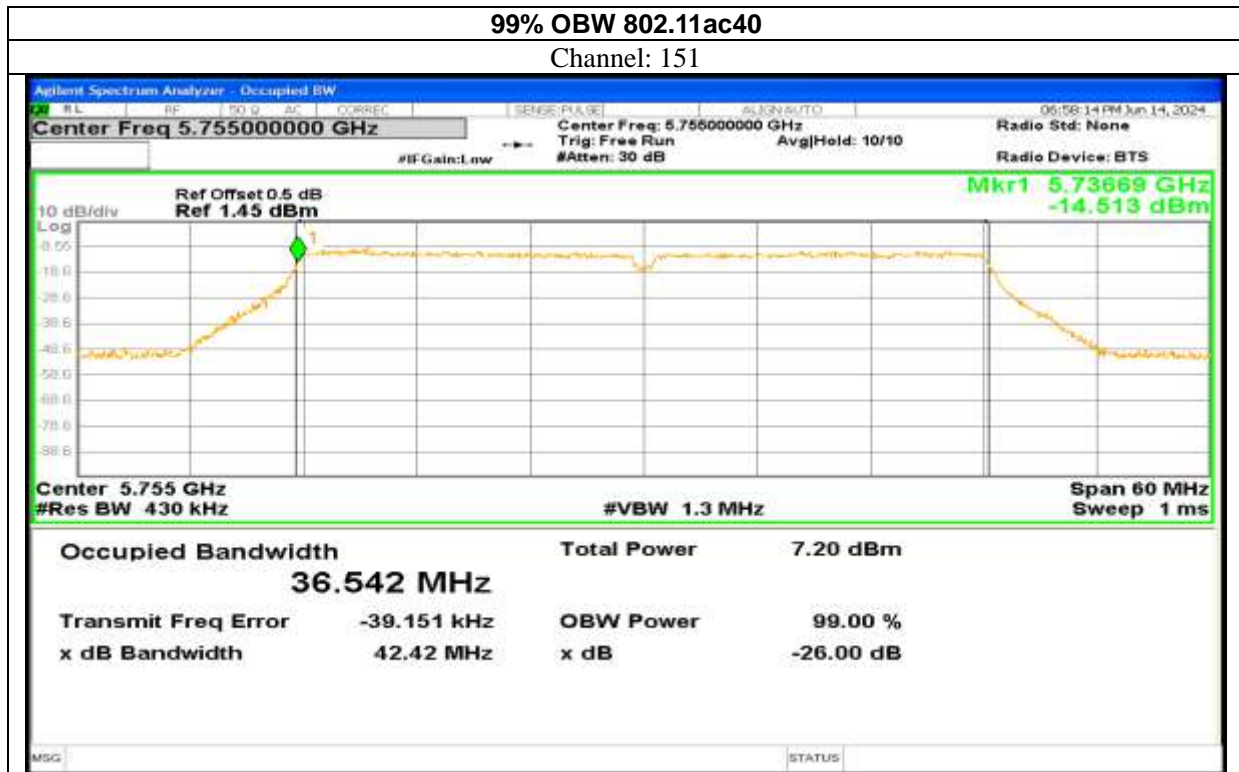


Report No.: AAEMT/RF/240507-01-01

Channel: 134

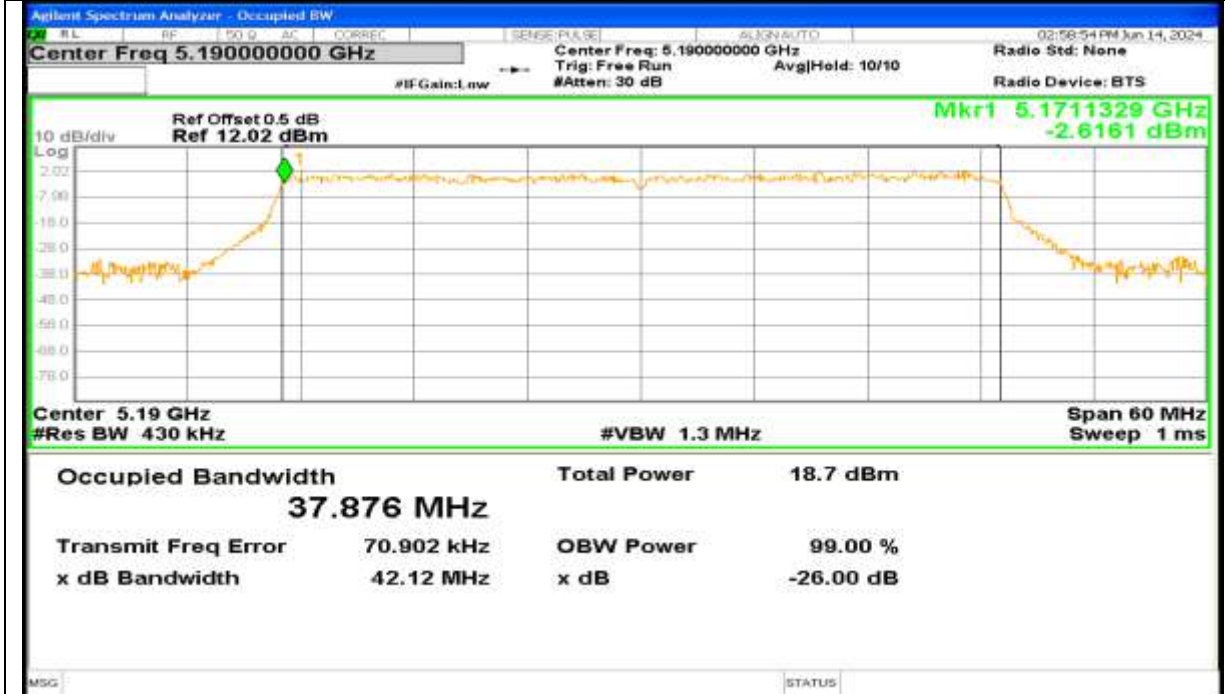


Report No.: AAEMT/RF/240507-01-01

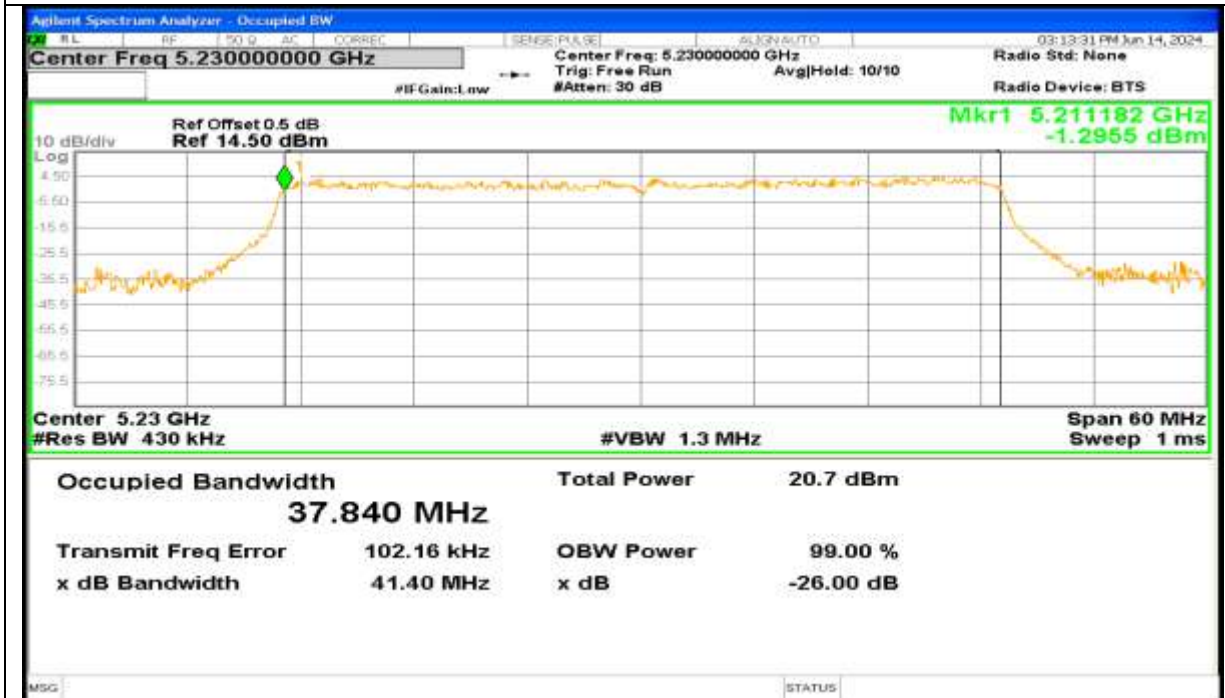


99% OBW 802.11ax40

Channel: 38

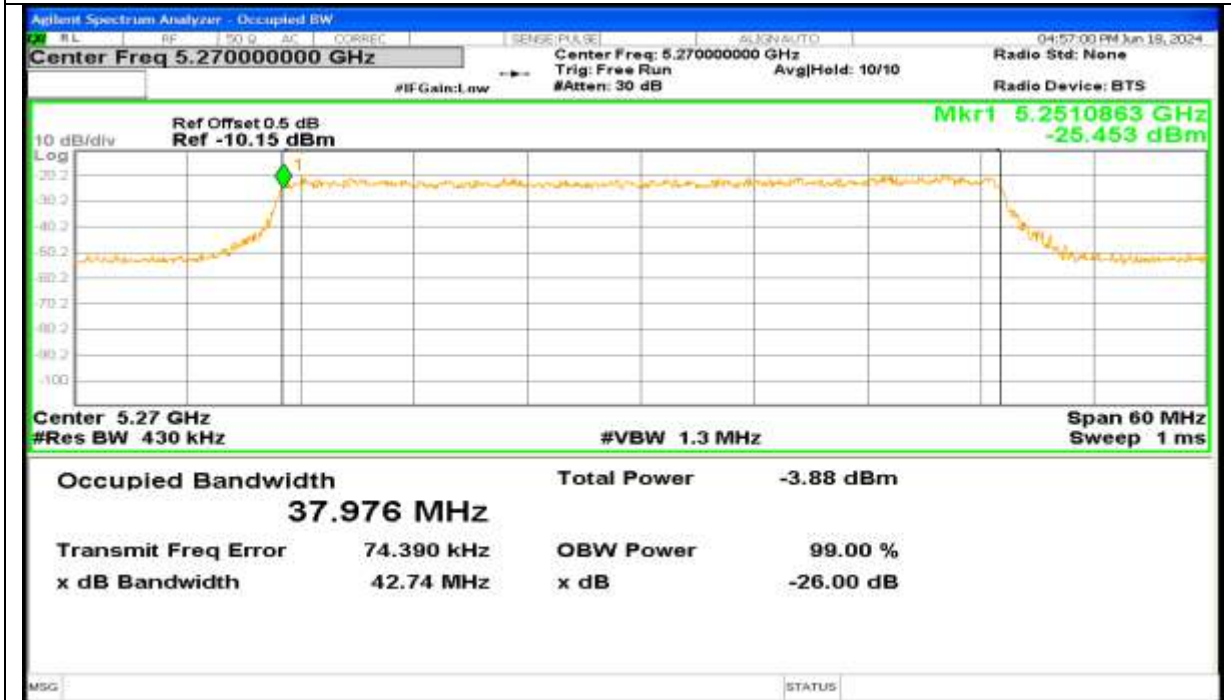


Channel: 46

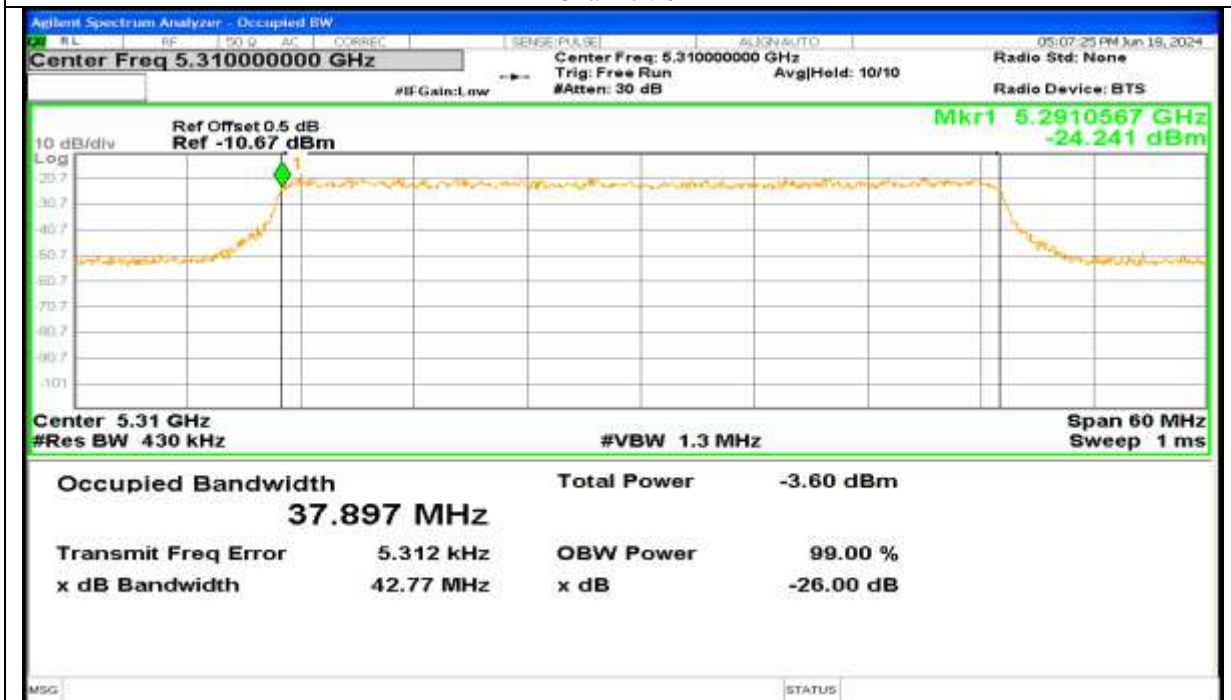


99% OBW 802.11ax40

Channel: 54

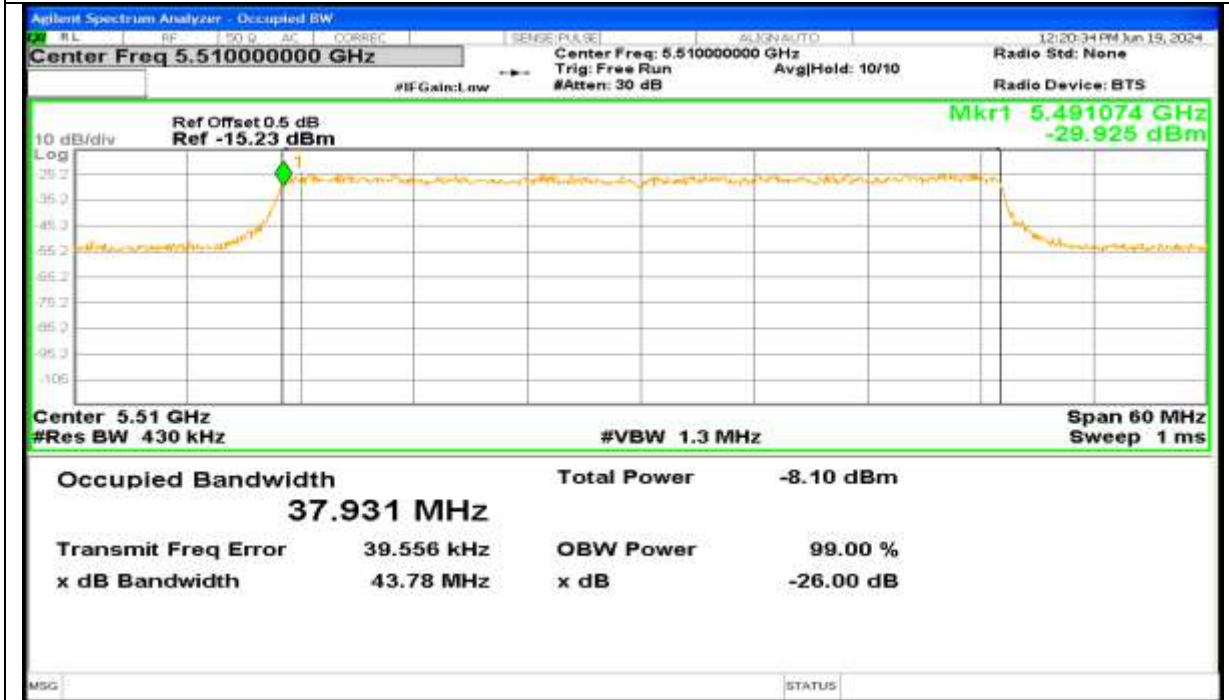


Channel: 62

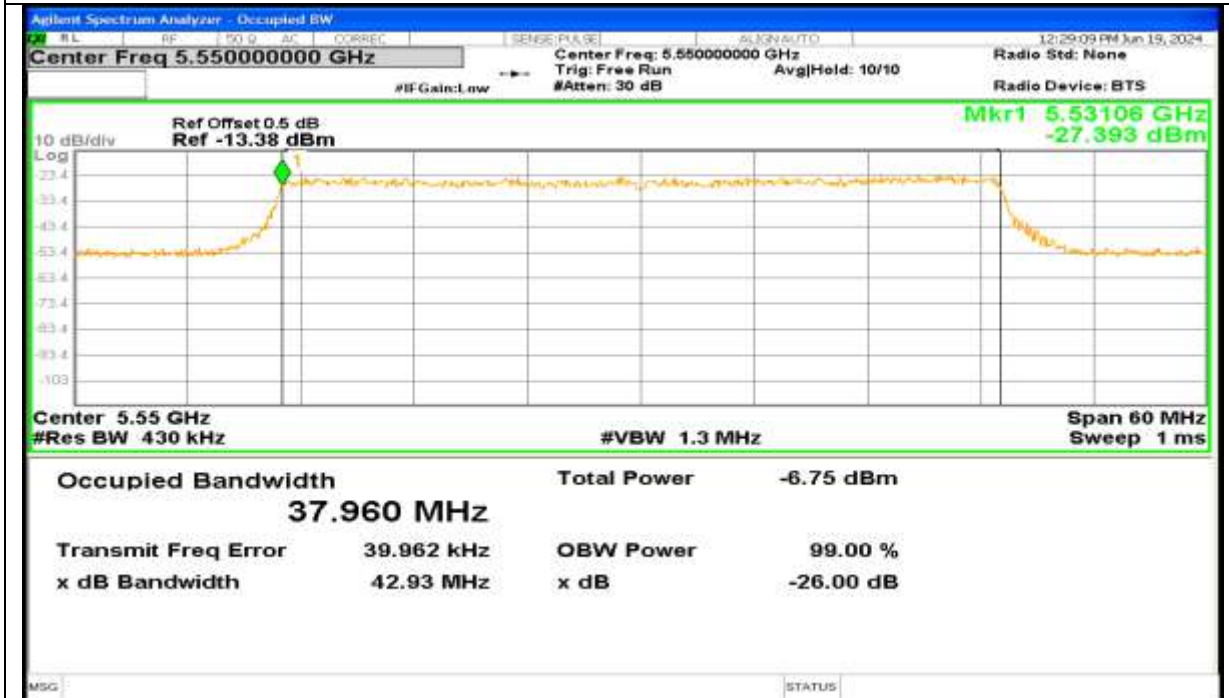


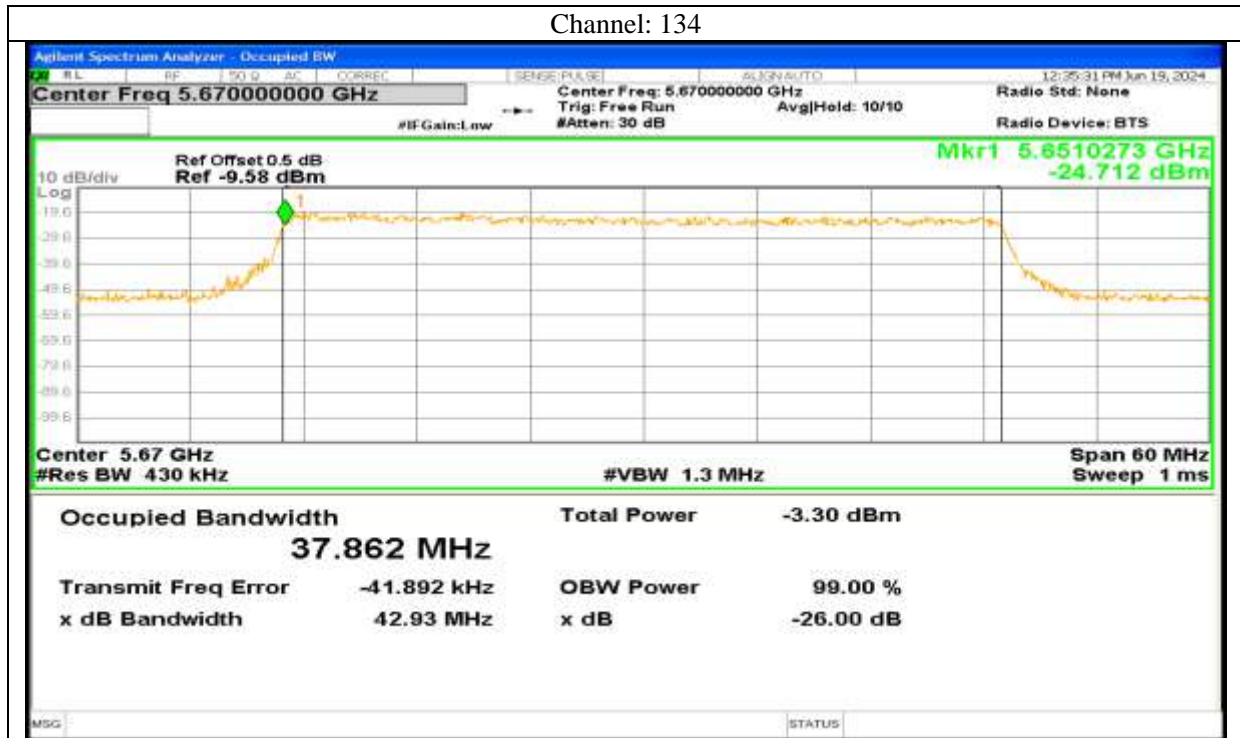
99% OBW 802.11ax40

Channel: 102

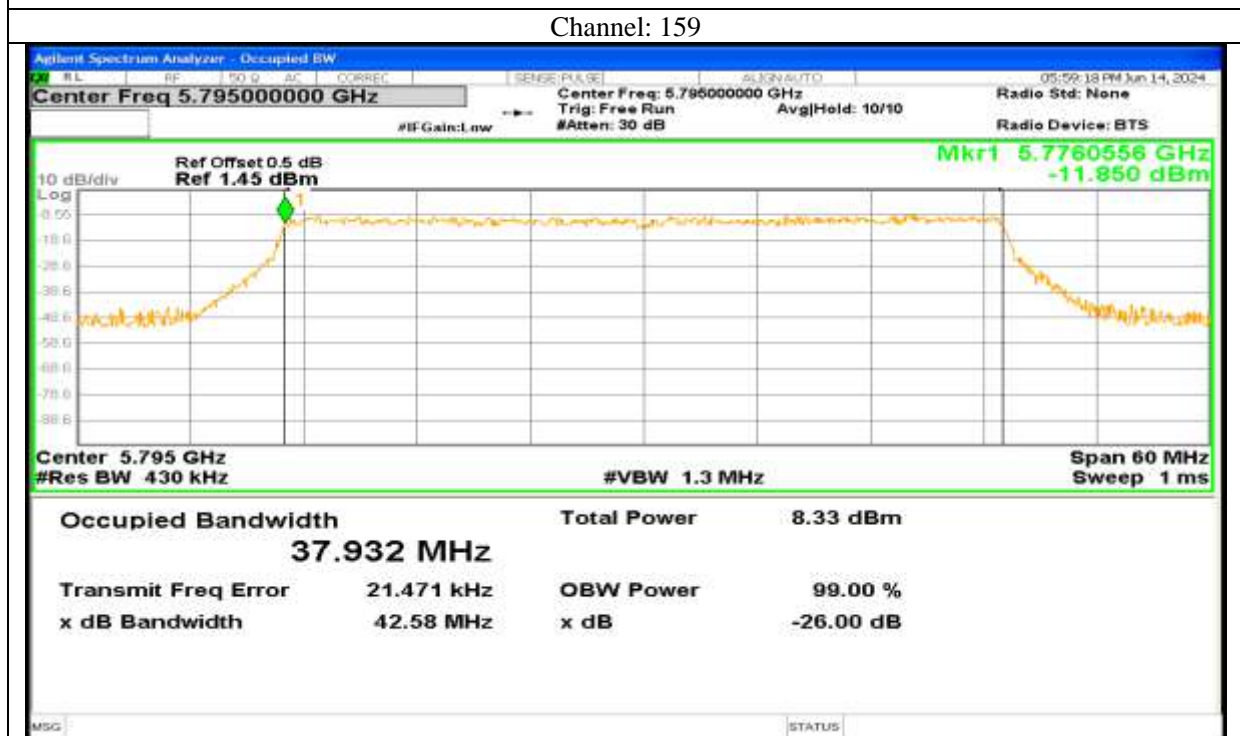
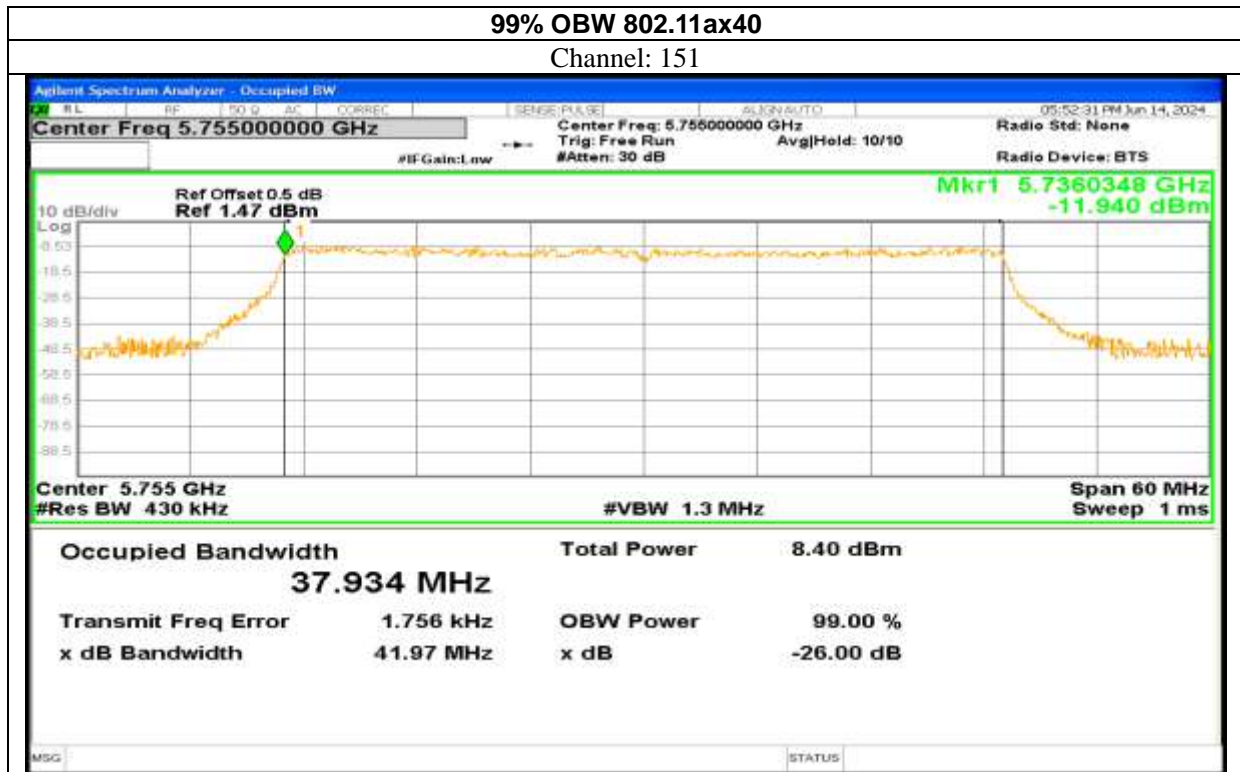


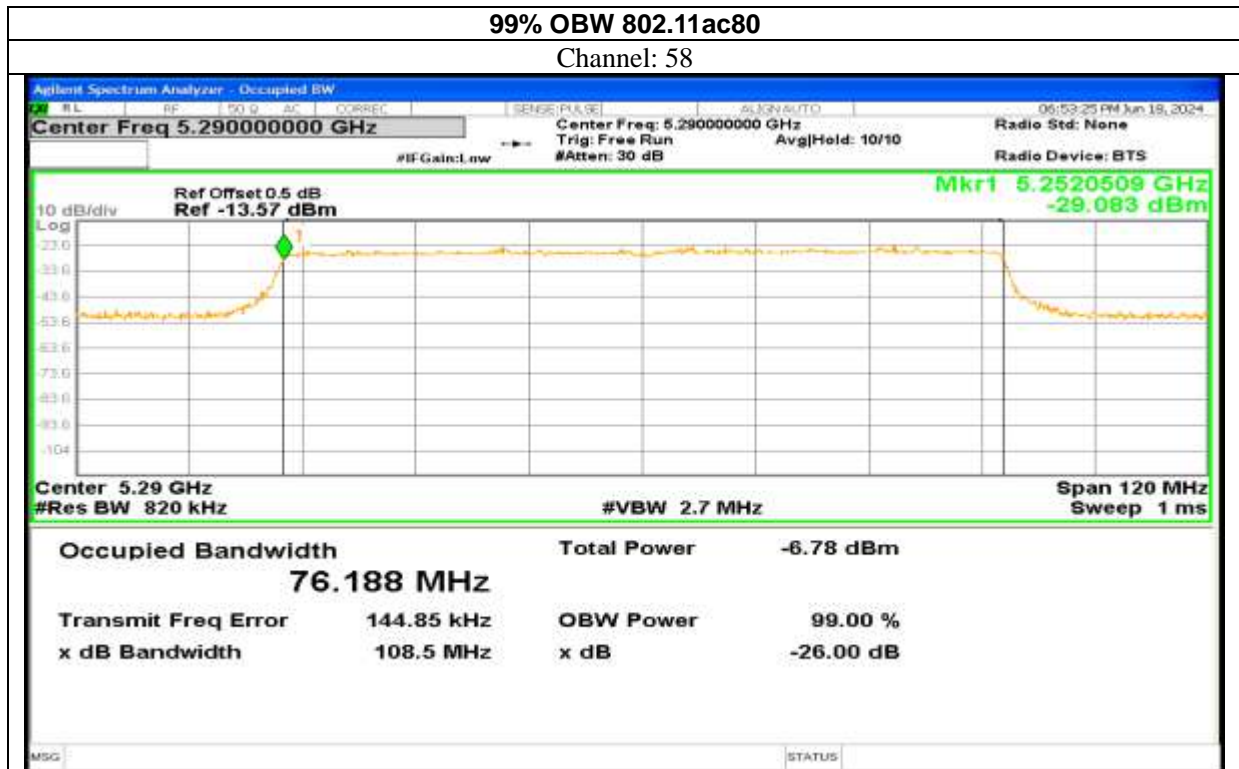
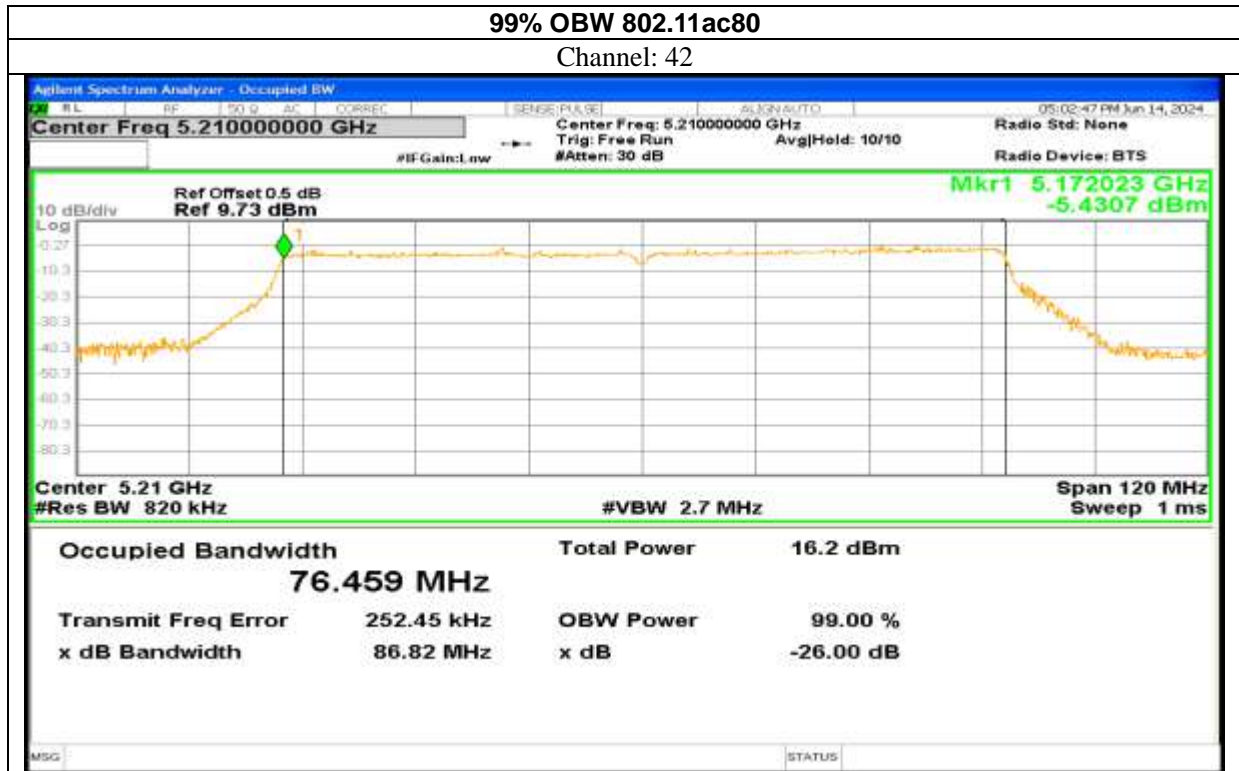
Channel: 110





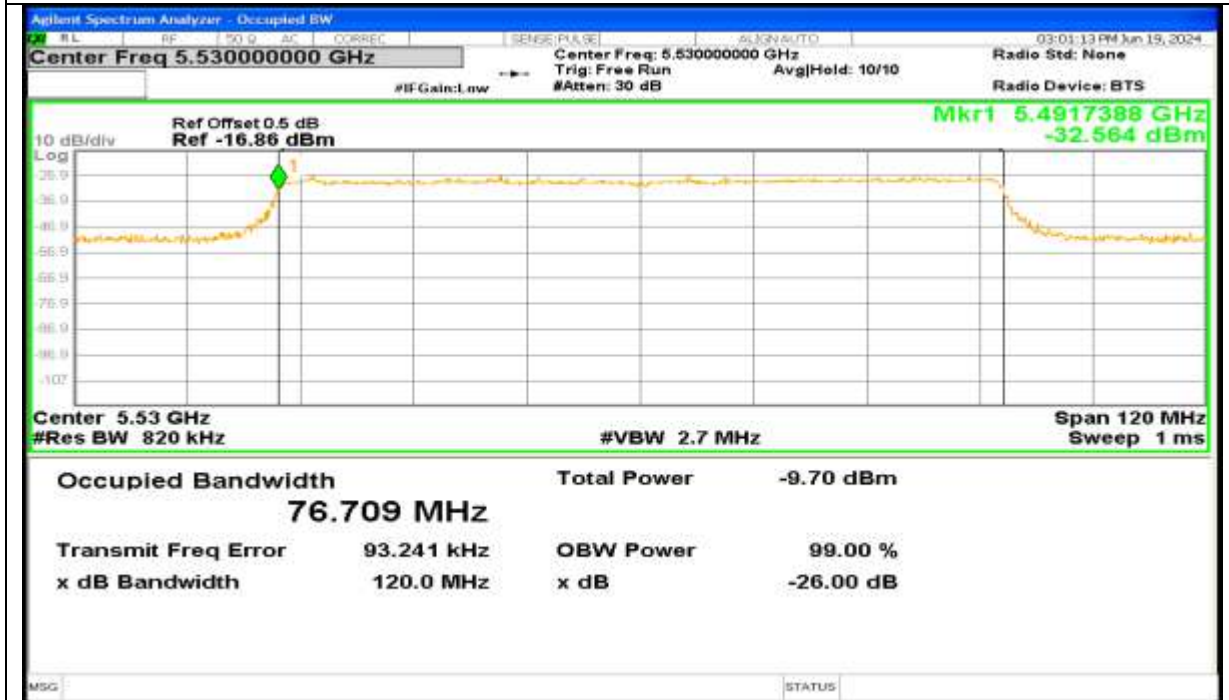
Report No.: AAEMT/RF/240507-01-01



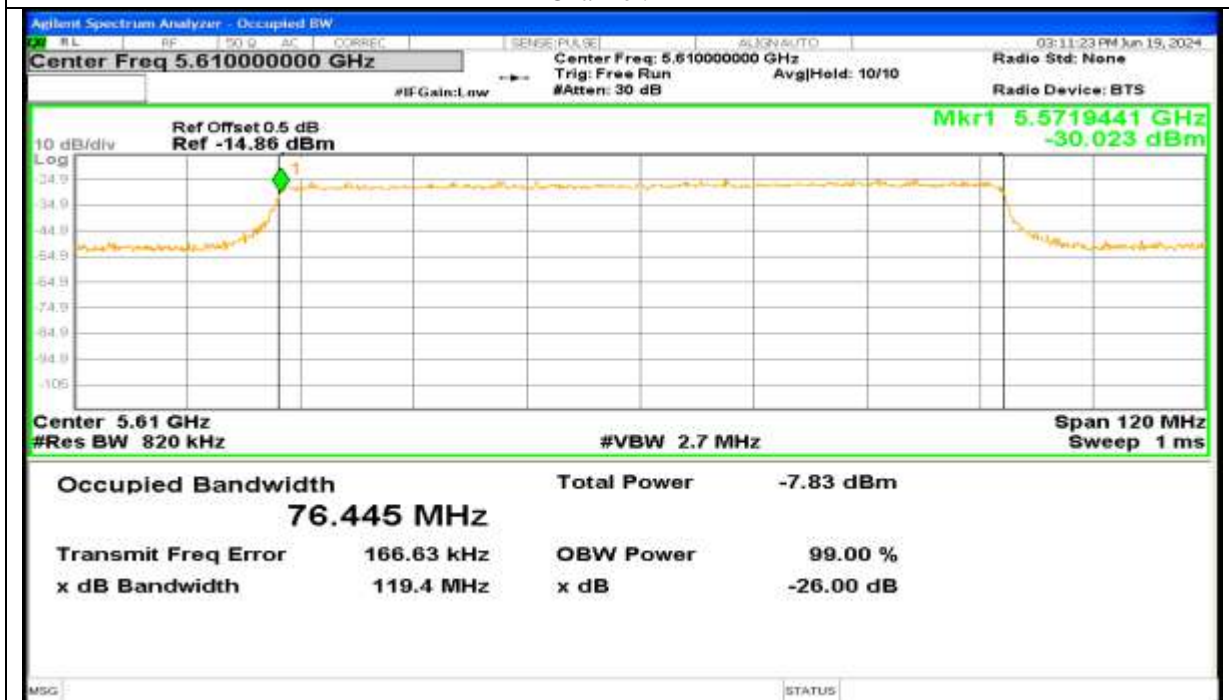


99% OBW 802.11ac80

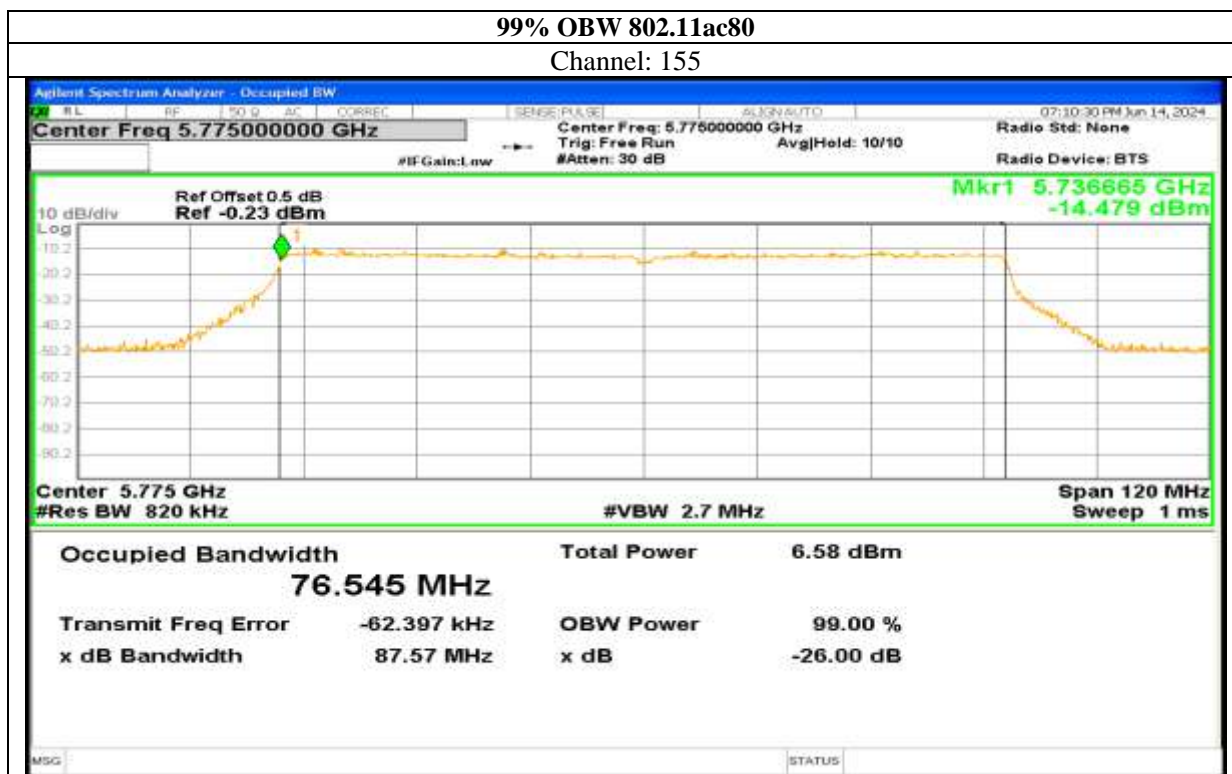
Channel: 106



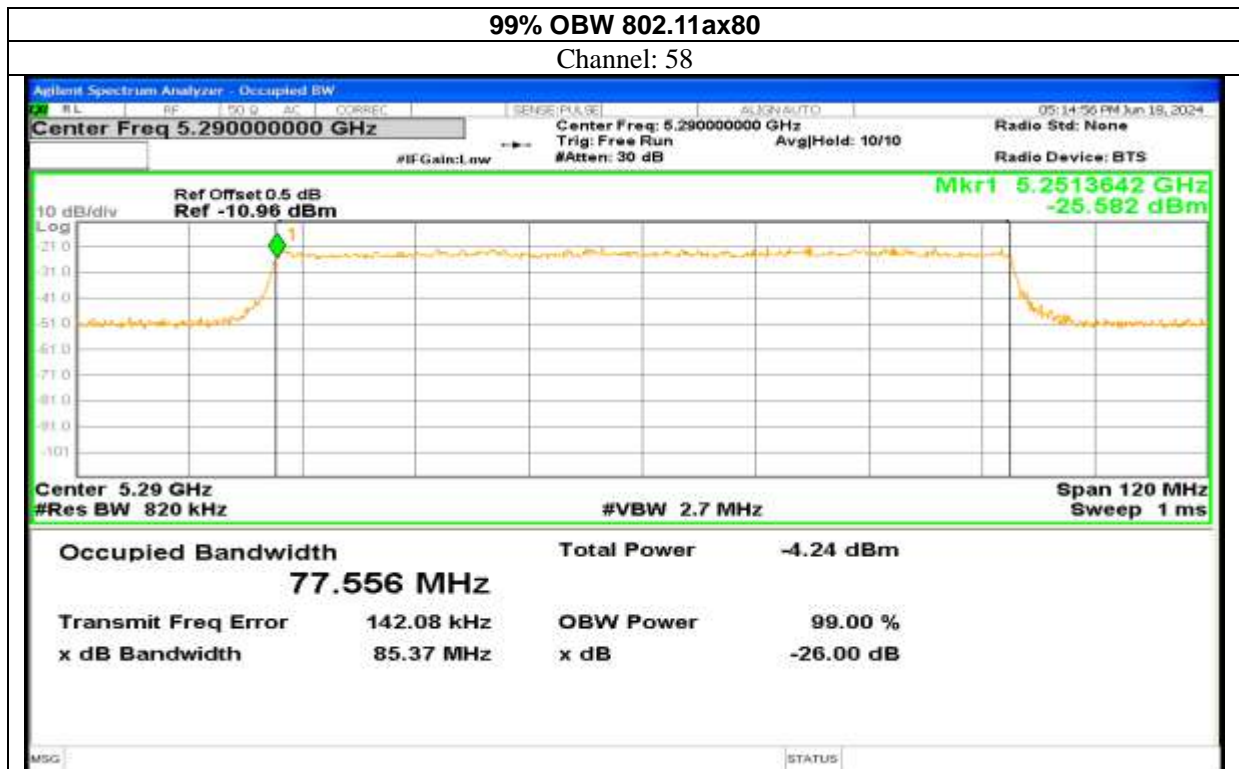
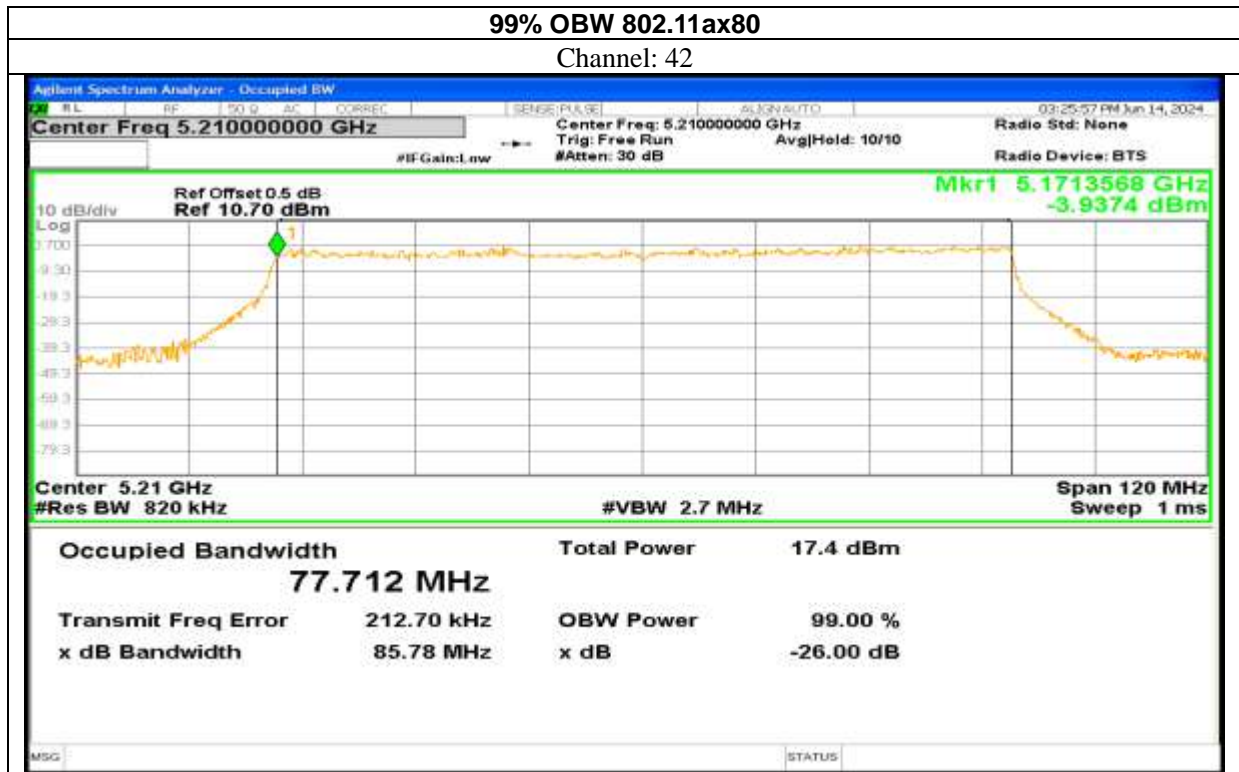
Channel: 122



Report No.: AAEMT/RF/240507-01-01



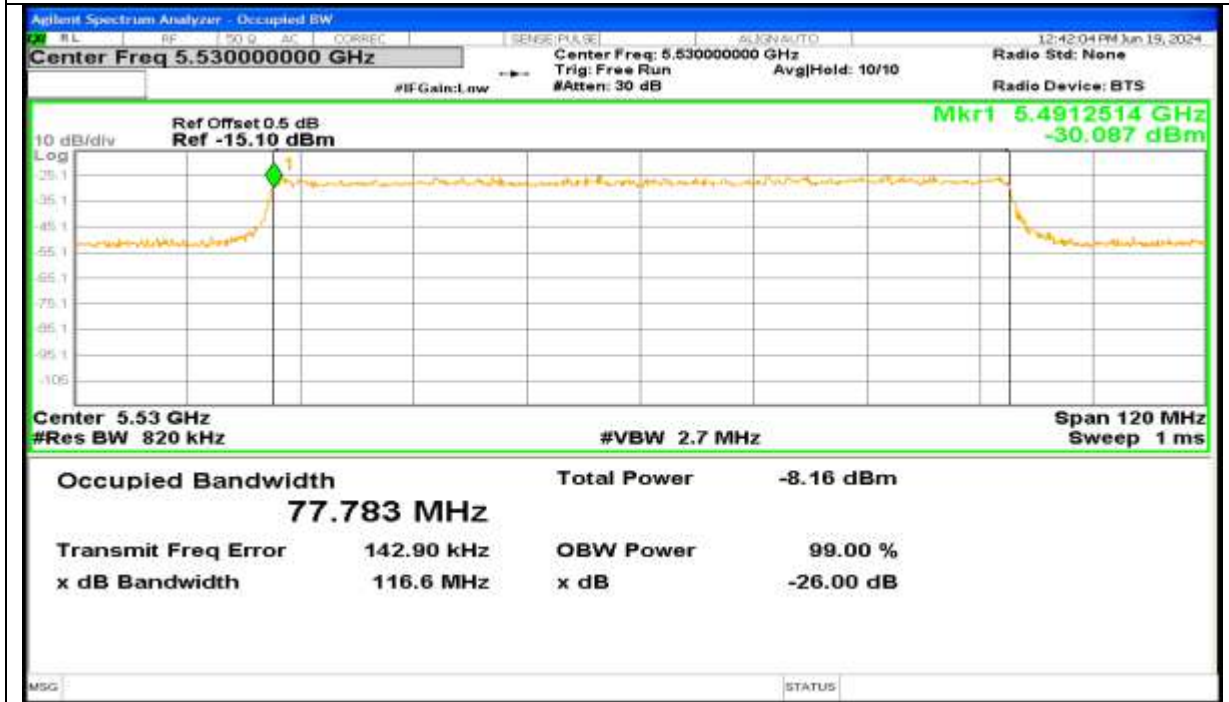
Report No.: AAEMT/RF/240507-01-01



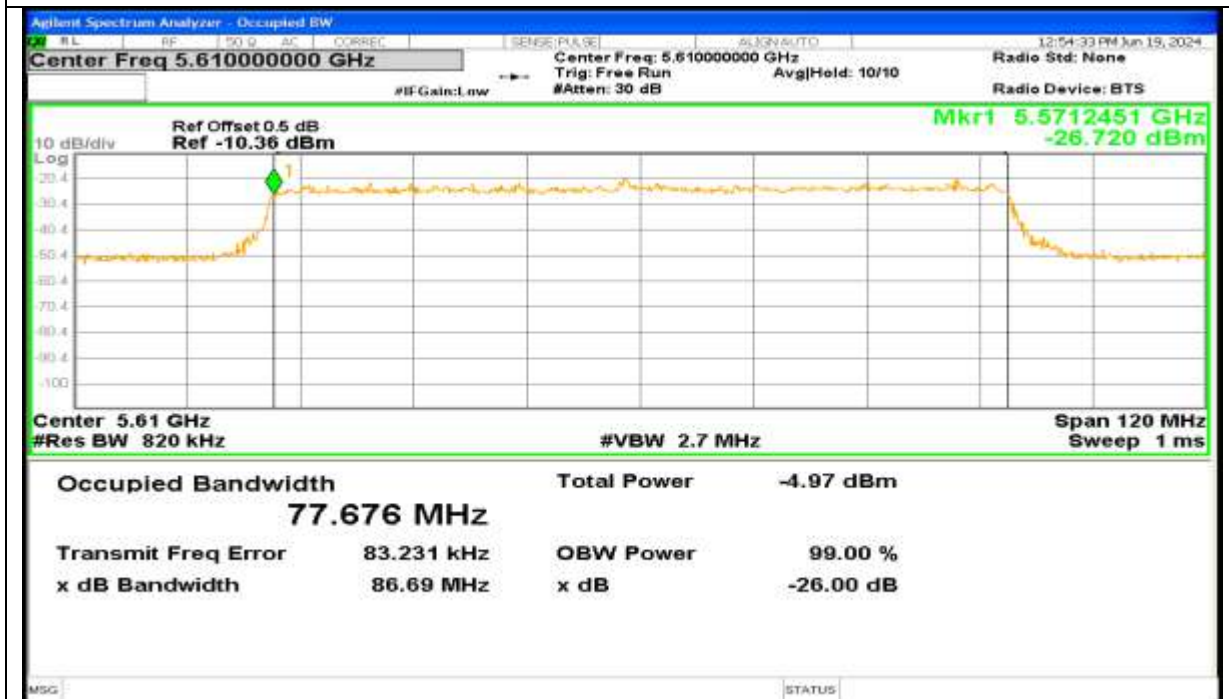
Report No.: AAEMT/RF/240507-01-01

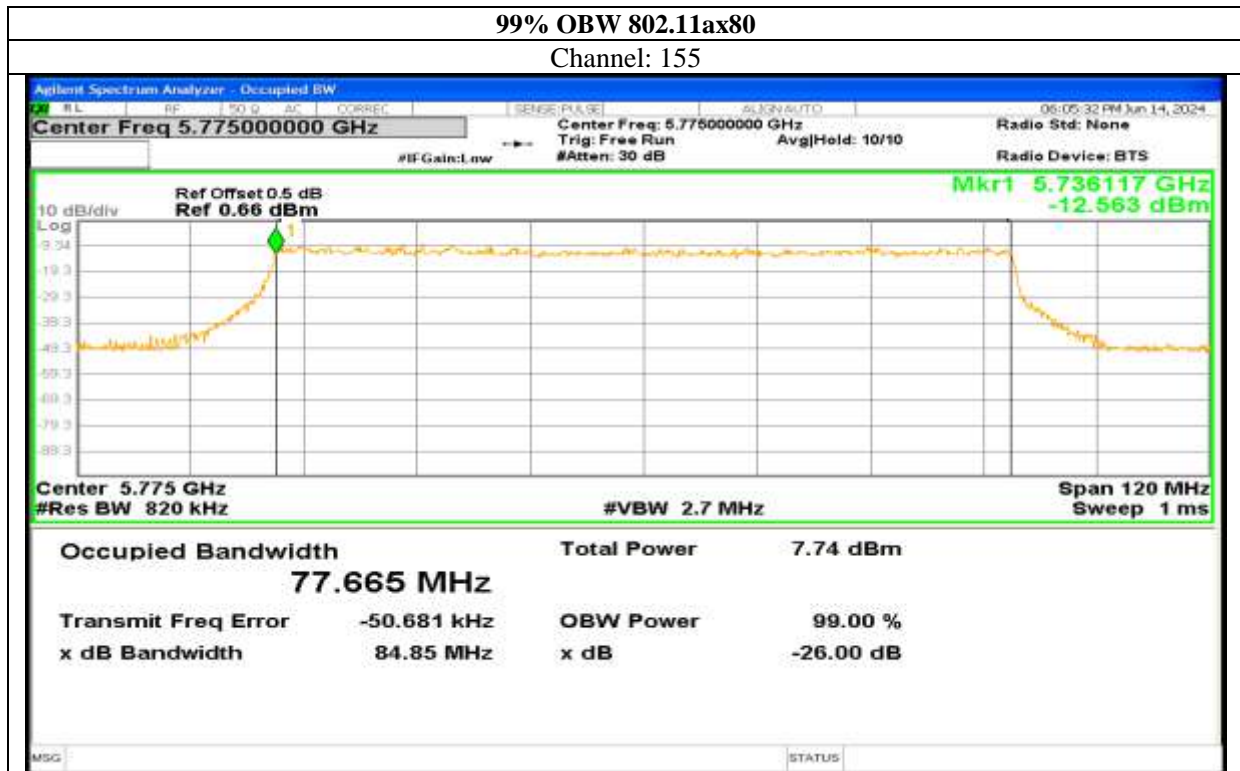
99% OBW 802.11ax80

Channel: 106

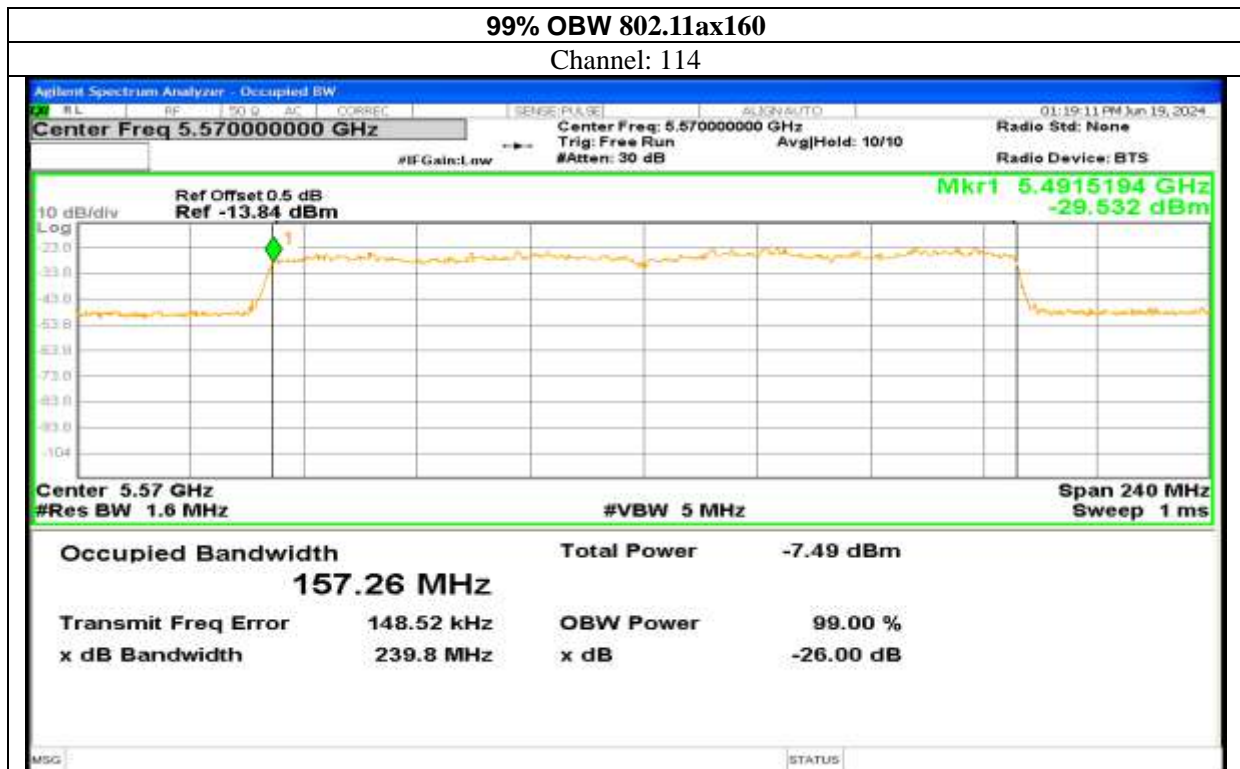
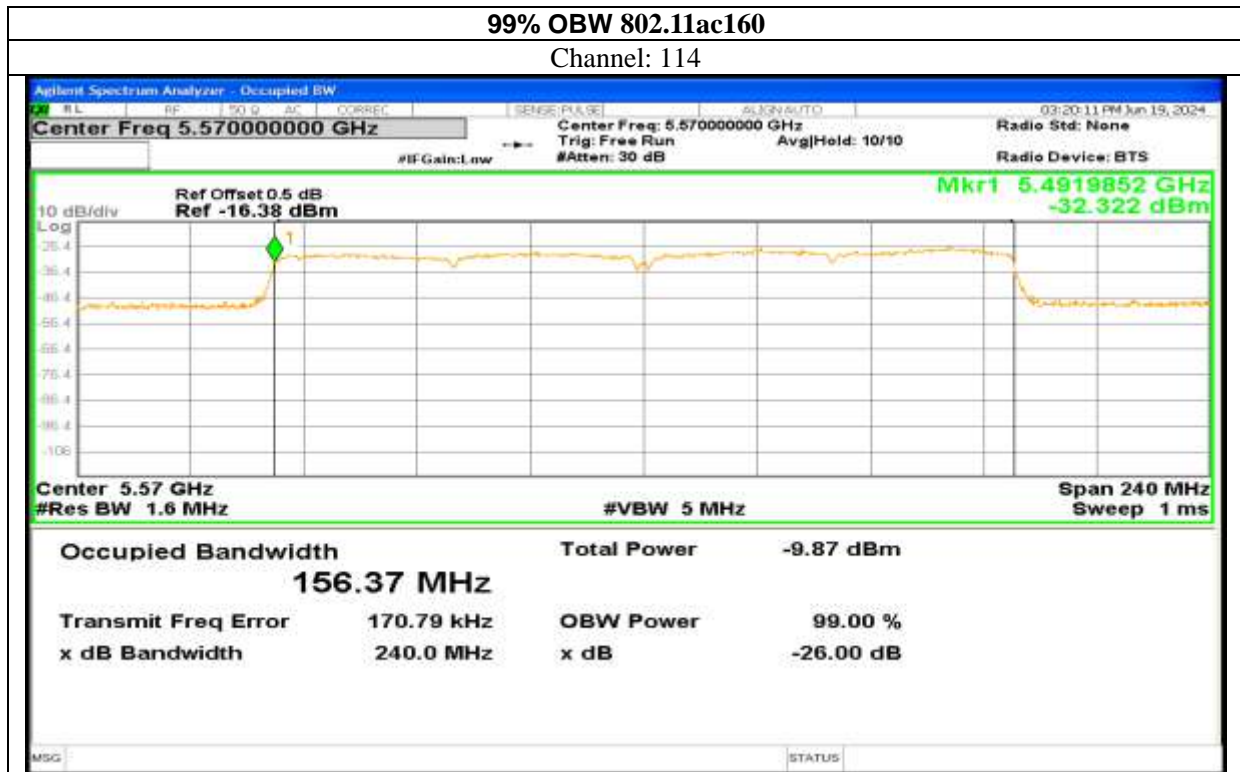


Channel: 122

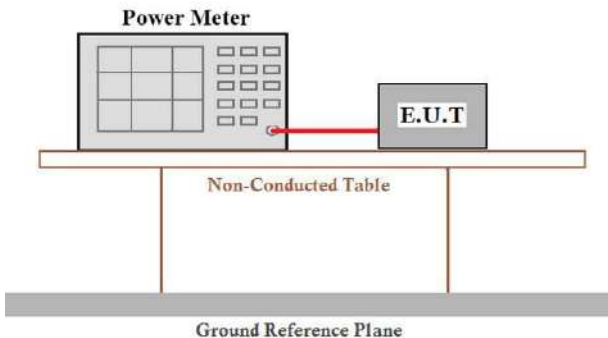




Report No.: AAEMT/RF/240507-01-01



6. MAXIMUM CONDUCTED OUTPUT POWER

Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	For the band 5.15-5.25 GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 250mW. For the band 5.745-5.850 GHz, the maximum conducted output power over the frequency bands of operation shall not exceed 30dBm
Test setup:	
Test procedure:	<p style="text-align: center;">Measurement using an RF average power meter</p> <p>(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied</p> <p style="margin-left: 40px;">a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.</p> <p style="margin-left: 40px;">b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.</p> <p style="margin-left: 40px;">c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.</p> <p>(ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section B).</p> <p>(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.</p> <p>(iv) Adjust the measurement in dBm by adding $10 \log(1/x)$ where x is the duty cycle (e.g., $10 \log(1/0.25)$ if the duty cycle is 25 percent).</p>
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 6 for details

6.1. TEST RESULT

Antenna 0:

CH. No.	Frequency (MHz)	Output Power (dBm)		Limit(dBm)	Result
		802.11ac (VHT20)	802.11ax (HE20)		
36	5180.00	18.44	19.00	28.00	Pass
40	5200.00	18.92	19.66	28.00	Pass
48	5240.00	19.54	20.83	28.00	Pass
52	5260.00	-6.17	-3.39	4.98	Pass
60	5300.00	-5.72	-3.24	4.98	Pass
64	5320.00	-10.99	-8.82	4.98	Pass
100	5500.00	-5.39	-4.82	4.98	Pass
116	5580.00	-4.14	-3.12	4.98	Pass
140	5700.00	-4.23	-2.66	4.98	Pass
149	5745.00	19.02	19.54	30.00	Pass
157	5785.00	18.33	18.89	30.00	Pass
165	5825.00	18.82	19.28	30.00	Pass

CH. No.	Frequency (MHz)	Output Power (dBm)		Limit(dBm)	Result
		802.11ac (VHT40)	802.11ax (HE40)		
38	5190.00	19.86	20.78	28.00	Pass
46	5230.00	21.43	22.05	28.00	Pass
54	5270.00	-5.94	-3.42	4.98	Pass
62	5310.00	-6.06	-3.35	4.98	Pass
102	5510.00	-6.44	-4.98	4.98	Pass
110	5550.00	-5.52	-4.22	4.98	Pass
134	5670.00	-3.03	-1.49	4.98	Pass
151	5755.00	20.60	21.95	30.00	Pass
159	5795.00	20.33	21.08	30.00	Pass

Report No.: AAEMT/RF/240507-01-01

CH. No.	Frequency (MHz)	Output Power (dBm)		Limit(dBm)	Result
		802.11ac(VHT80)	802.11ax(HE80)		
42	5210.00	19.30	19.97	28.00	Pass
58	5290.00	-5.97	-2.95	4.98	Pass
106	5530.00	-5.71	-4.60	4.98	Pass
122	5610.00	-3.13	-1.81	4.98	Pass
155	5775.00	18.94	19.64	30.00	Pass

CH. No.	Frequency (MHz)	Output Power (dBm)		Limit(dBm)	Result
		802.11ac(VHT160)	802.11ax(HE160)		
114	5570.00	-4.46	-3.07	4.98	Pass

Report No.: AAEMT/RF/240507-01-01

Antenna 1:

CH. No.	Frequency (MHz)	Output Power (dBm)		Limit(dBm)	Result
		802.11ac (VHT20)	802.11ax (HE20)		
36	5180.00	17.10	17.92	28.00	Pass
40	5200.00	17.83	18.75	28.00	Pass
48	5240.00	19.93	21.12	28.00	Pass
52	5260.00	-4.99	-2.36	4.98	Pass
60	5300.00	-4.55	-2.52	4.98	Pass
64	5320.00	-9.50	-8.12	4.98	Pass
100	5500.00	-10.35	-6.80	4.98	Pass
116	5580.00	-8.00	-3.70	4.98	Pass
140	5700.00	-5.69	-2.92	4.98	Pass
149	5745.00	18.37	19.29	30.00	Pass
157	5785.00	18.18	19.21	30.00	Pass
165	5825.00	18.87	19.46	30.00	Pass


CH. No.	Frequency (MHz)	Output Power (dBm)		Limit(dBm)	Result
		802.11ac (VHT40)	802.11ax (HE40)		
38	5190.00	19.04	20.09	28.00	Pass
46	5230.00	20.99	21.85	28.00	Pass
54	5270.00	-4.62	-2.55	4.98	Pass
62	5310.00	-4.22	-2.24	4.98	Pass
102	5510.00	-10.12	-6.90	4.98	Pass
110	5550.00	-8.43	-5.62	4.98	Pass
134	5670.00	-4.24	-2.13	4.98	Pass
151	5755.00	19.73	20.51	30.00	Pass
159	5795.00	19.84	20.40	30.00	Pass

Report No.: AAEMT/RF/240507-01-01

CH. No.	Frequency (MHz)	Output Power (dBm)		Limit(dBm)	Result
		802.11ac(VHT80)	802.11ax(HE80)		
42	5210.00	18.65	19.18	28.00	Pass
58	5290.00	-4.28	-2.44	4.98	Pass
106	5530.00	-7.17	-6.33	4.98	Pass
122	5610.00	-5.12	-3.10	4.98	Pass
155	5775.00	18.78	19.09	30.00	Pass

CH. No.	Frequency (MHz)	Output Power (dBm)		Limit(dBm)	Result
		802.11ac(VHT160)	802.11ax(HE160)		
114	5570.00	-7.05	-4.92	4.98	Pass

7. Band Edges Measurement

Test Requirement:	FCC Part15 E Section 15.407 and 5.205
Test Method:	ANSI C63.10:2013
Limit:	<p>Undesirable emission limits:</p> <p>(1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.</p> <p>(3) For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.</p>
Test Procedure:	<p>a. The Transmitter output of EUT was connected to the spectrum analyzer. Equipment mode: Spectrum analyzer Detector function: Peak mode SPAN: 100MHz RBW: 1 MHz VBW: 1 MHz Sweep time= Auto.</p> <p>b. Using Peak Search to read the peak power of Carrier frequencies after Maximum Hold function is completed.</p> <p>c. Find the next peak frequency outside the operation frequency band.</p>
Test setup:	
Test results:	Pass

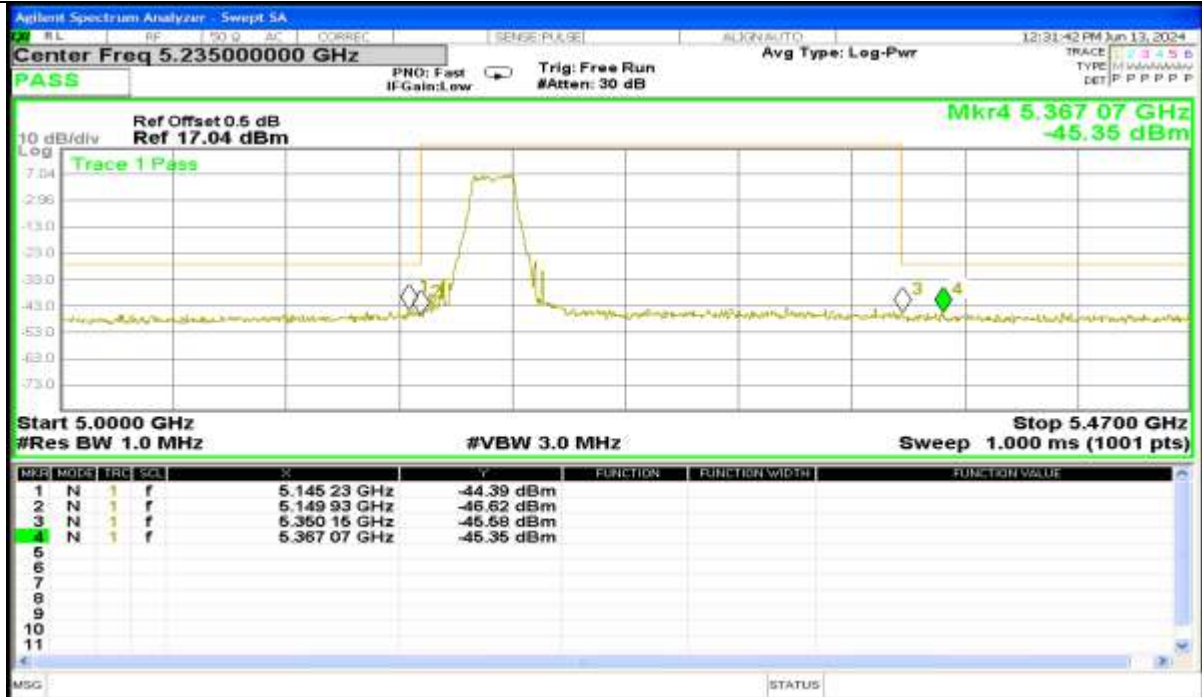
Report No.: AAEMT/RF/240507-01-01

7.1. TEST RESULT

Antenna 0:

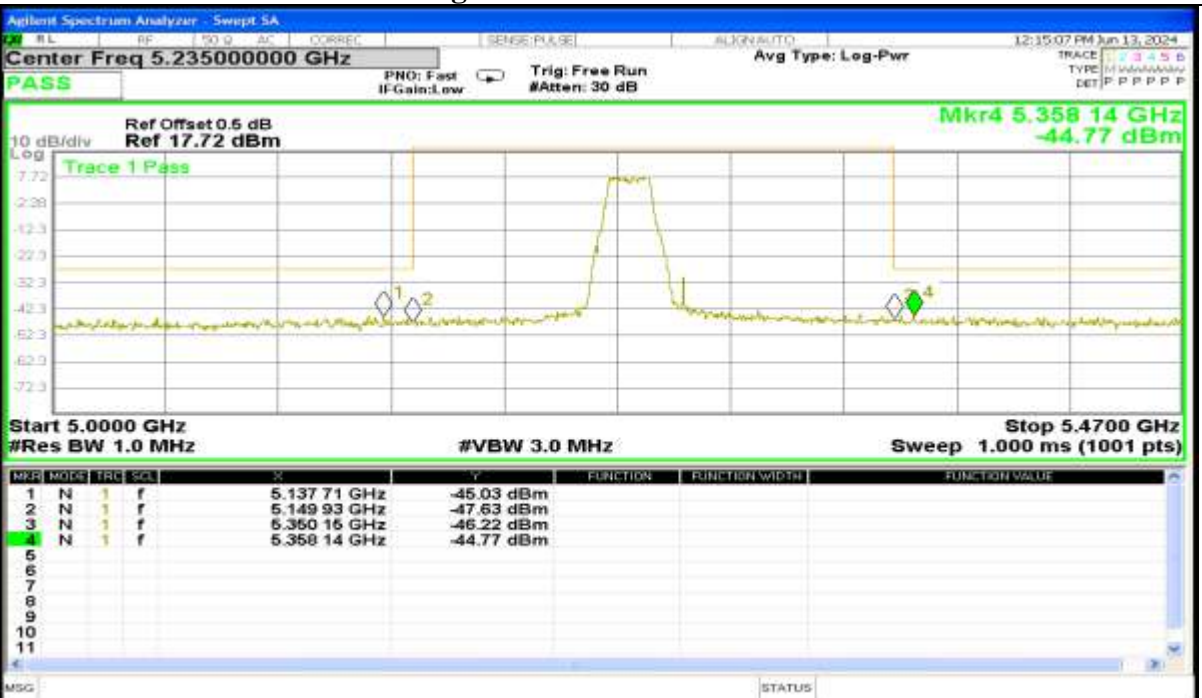
802.11ac(20M) (5.15GHz-5.25GHz)

The Lowest Channel 36: 5180MHz



802.11ac(20M) (5.15GHz-5.25GHz)

The High Channel 48: 5240MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(20M) (5.25GHz-5.35GHz)

The Low Channel 52: 5260MHz



802.11ac(20M) (5.25GHz-5.35GHz)

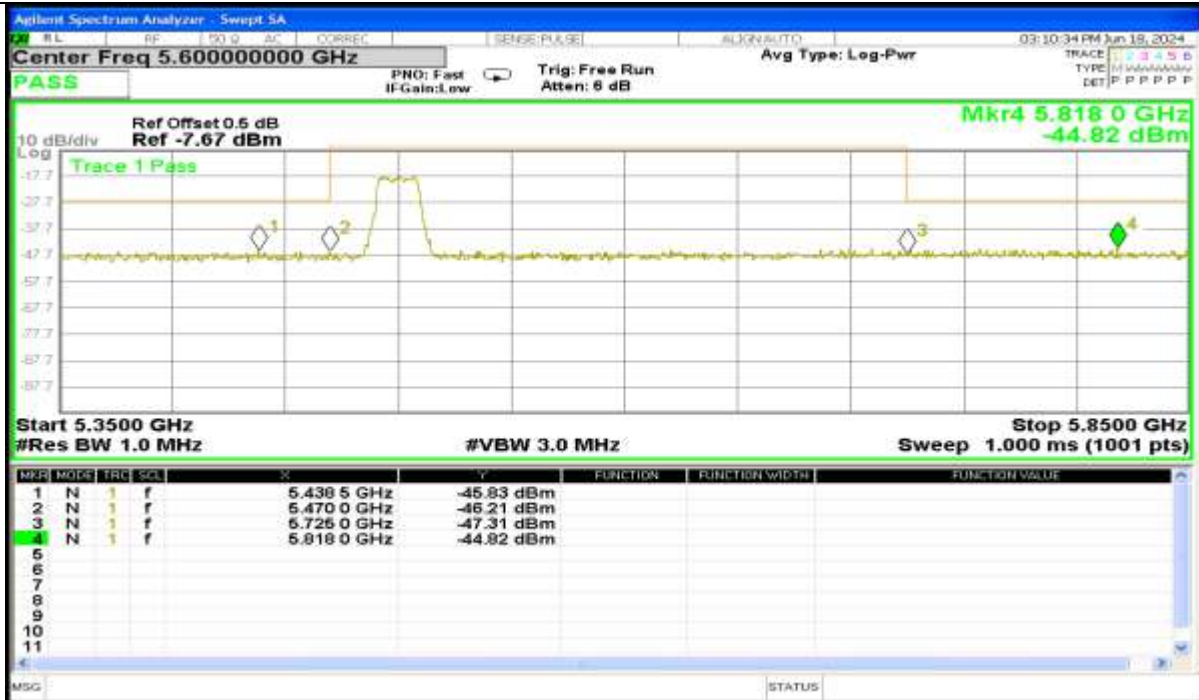
The High Channel 64: 5320MHz



Report No.: AAEMT/RF/240507-01-01

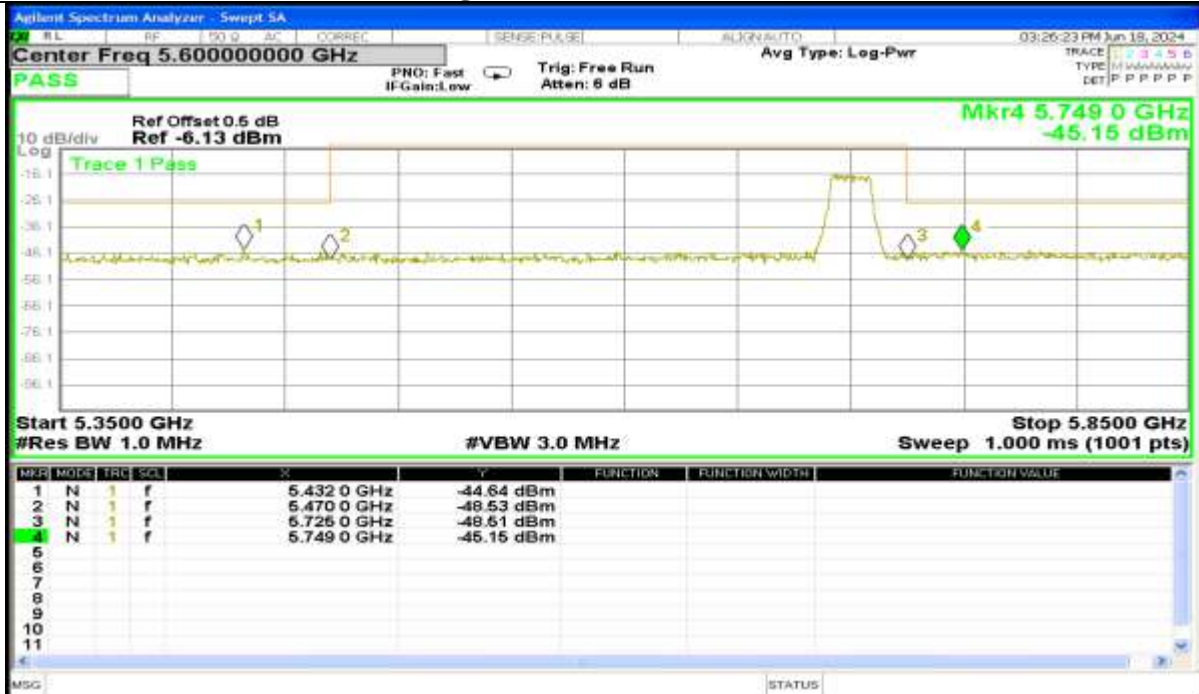
802.11ac(20M) (5.47GHz-5.725GHz)

The Low Channel 100: 5500MHz



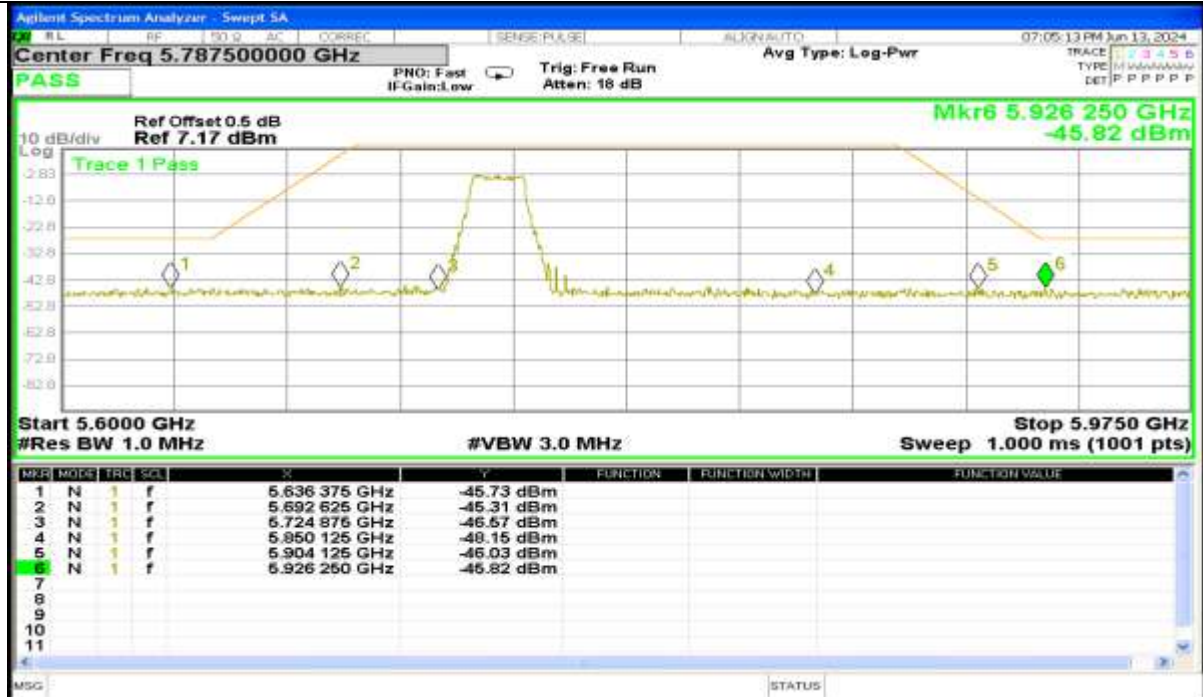
802.11ac(20M) (5.47GHz-5.725GHz)

The High Channel 140: 5700MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(20M) (5.725GHz-5.85GHz)
The Low Channel 149: 5745MHz

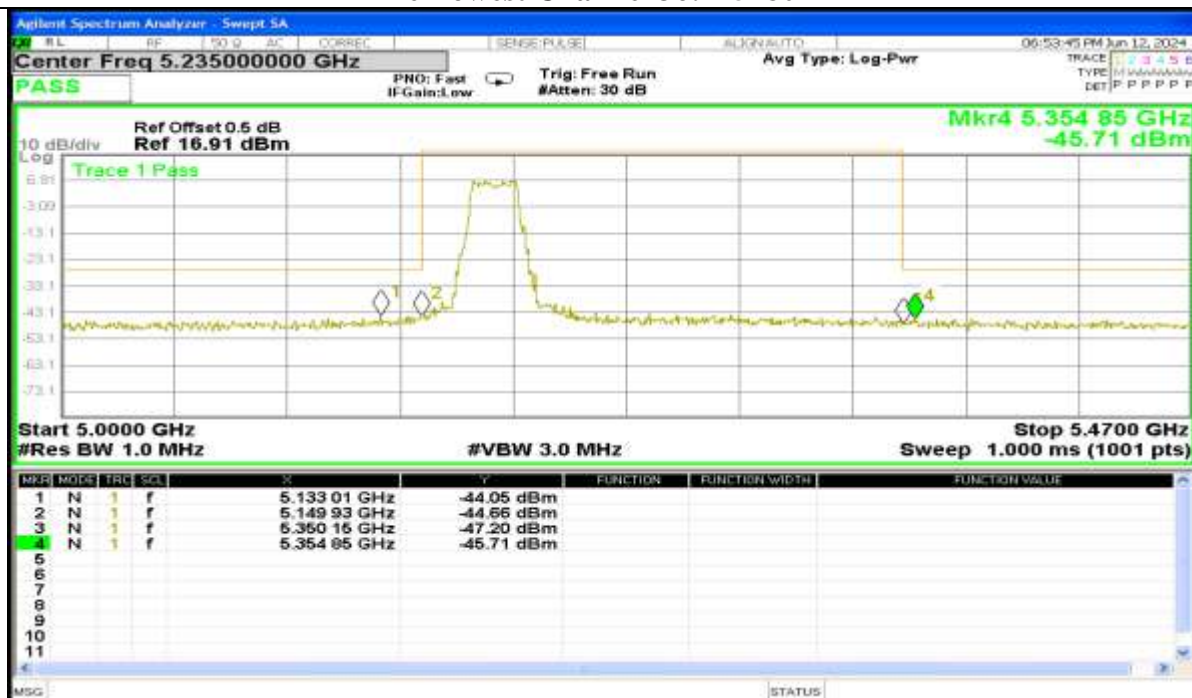


802.11ac(20M) (5.725GHz-5.85GHz)
The High Channel 165: 5825MHz

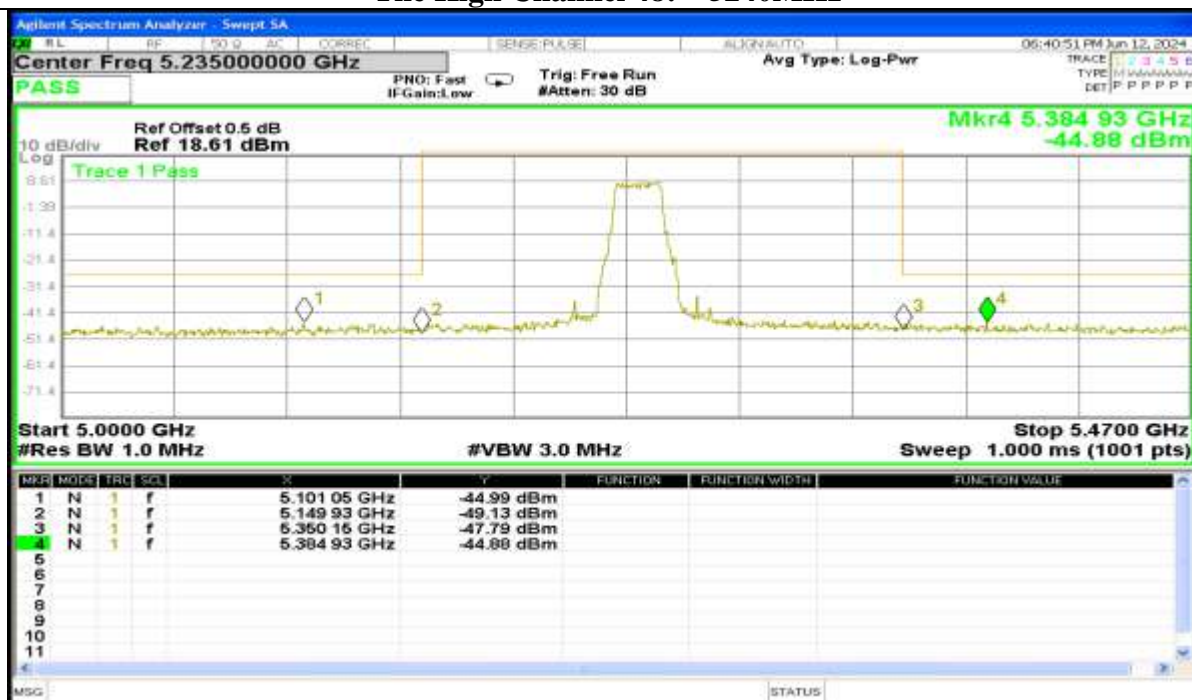


Report No.: AAEMT/RF/240507-01-01

802.11ax(20M) (5.15GHz-5.25GHz)
The Lowest Channel 36: 5180MHz

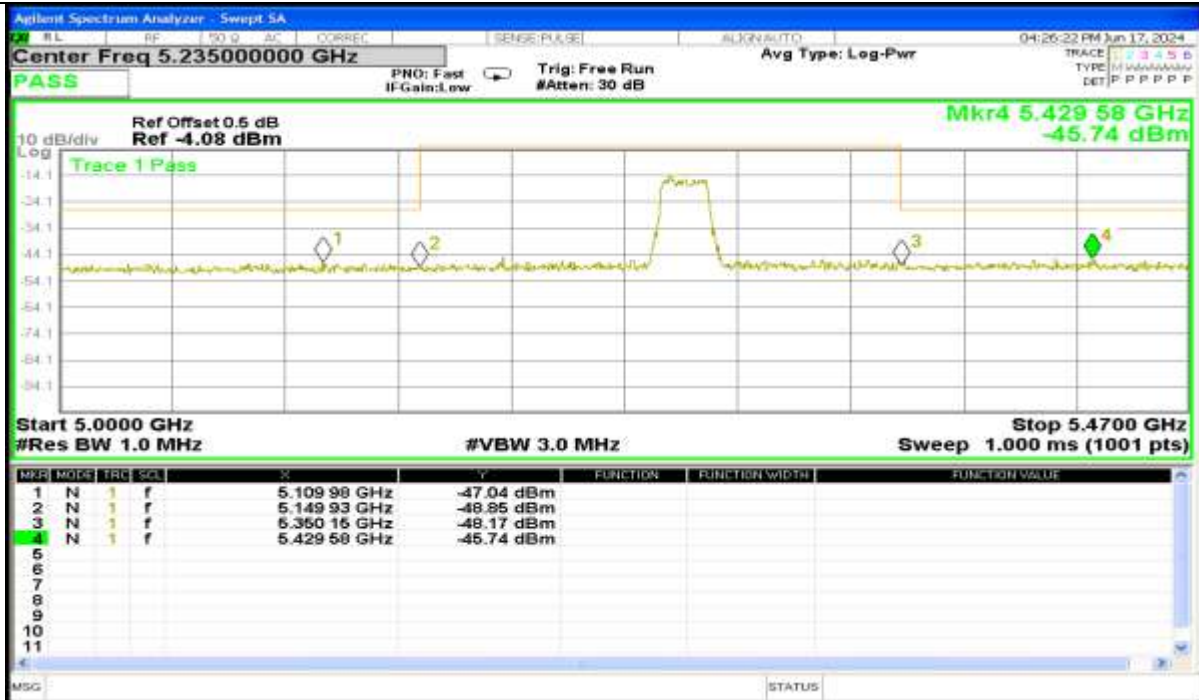


802.11ax(20M) (5.15GHz-5.25GHz)
The High Channel 48: 5240MHz

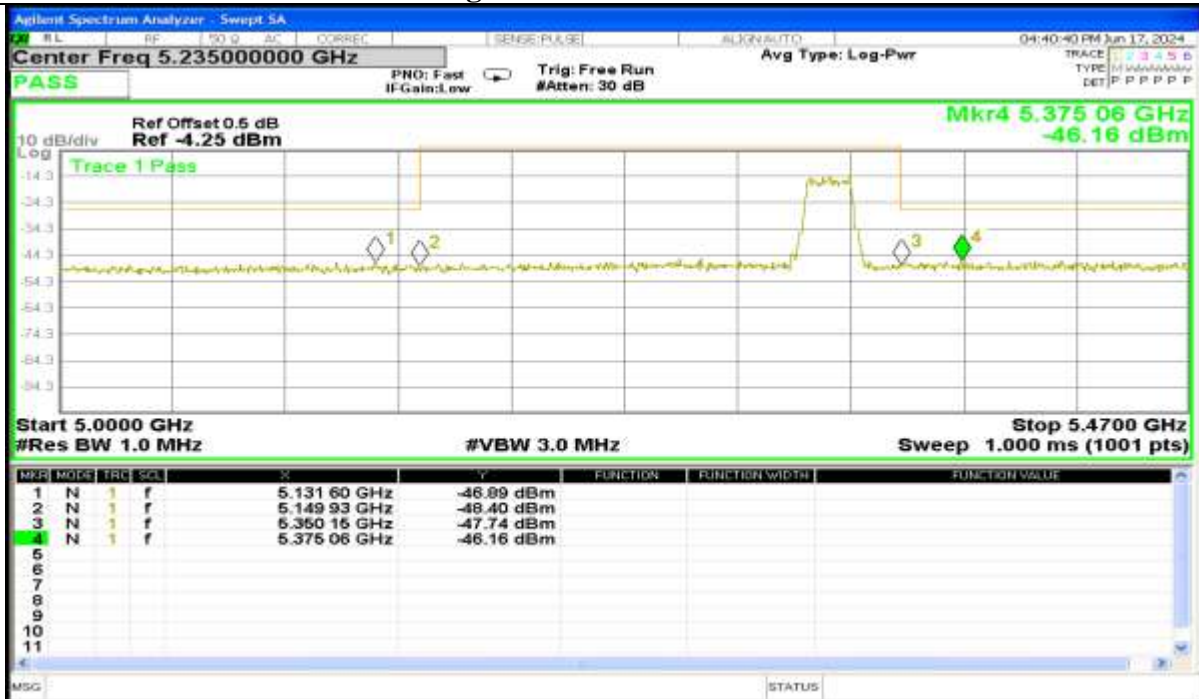


Report No.: AAEMT/RF/240507-01-01

802.11ax(20M) (5.25GHz-5.35GHz) The Low Channel 52: 5260MHz



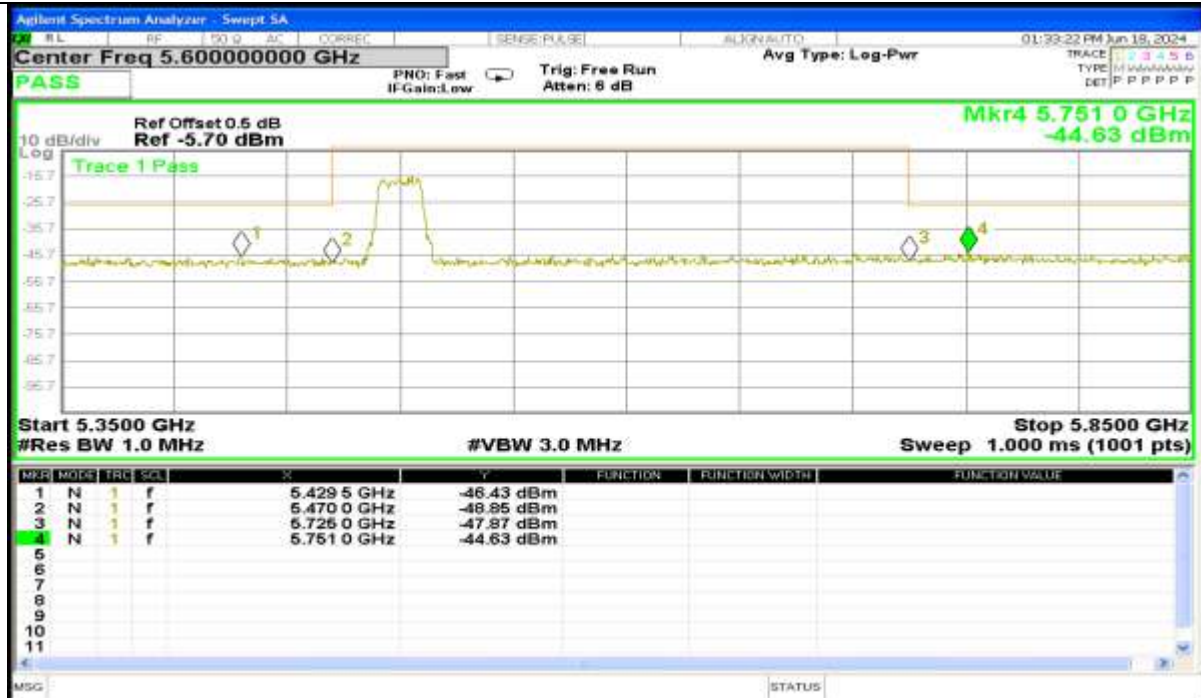
802.11ax(20M) (5.25GHz-5.35GHz) The High Channel 64: 5320MHz



Report No.: AAEMT/RF/240507-01-01

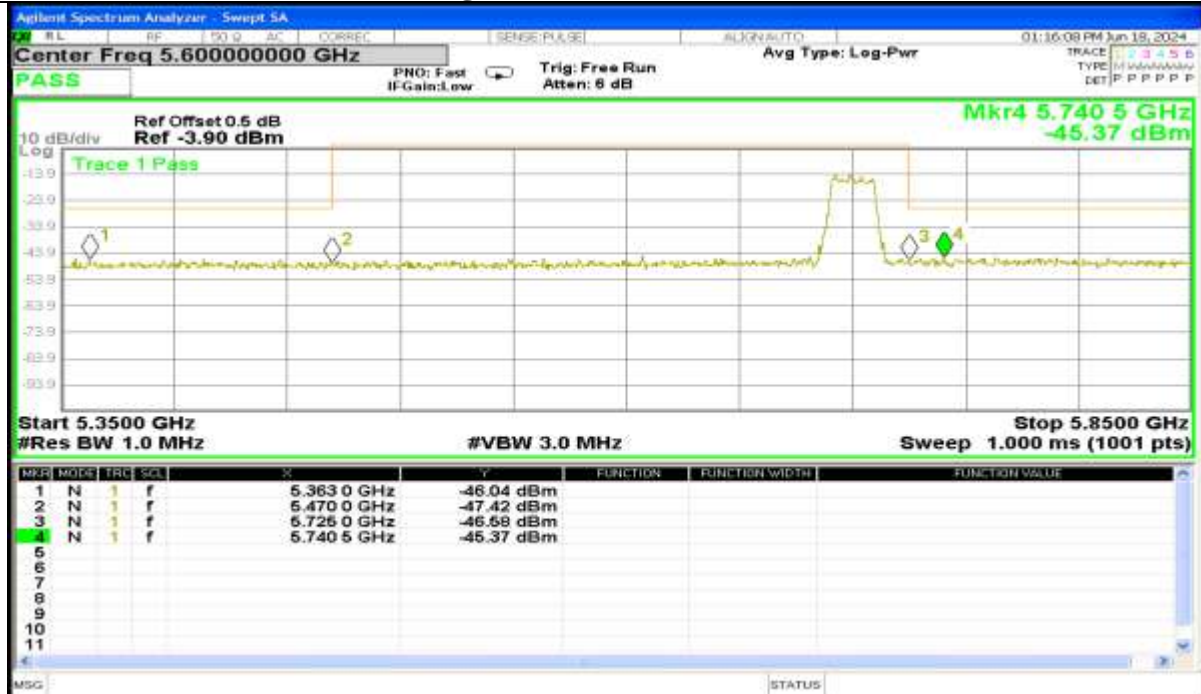
802.11ax(20M) (5.47GHz-5.725GHz)

The Low Channel 100: 5500MHz



802.11ax(20M) (5.47GHz-5.725GHz)

The High Channel 140: 5700MHz



Report No.: AAEMT/RF/240507-01-01

802.11ax(20M) (5.725GHz-5.85GHz)
The Low Channel 149: 5745MHz



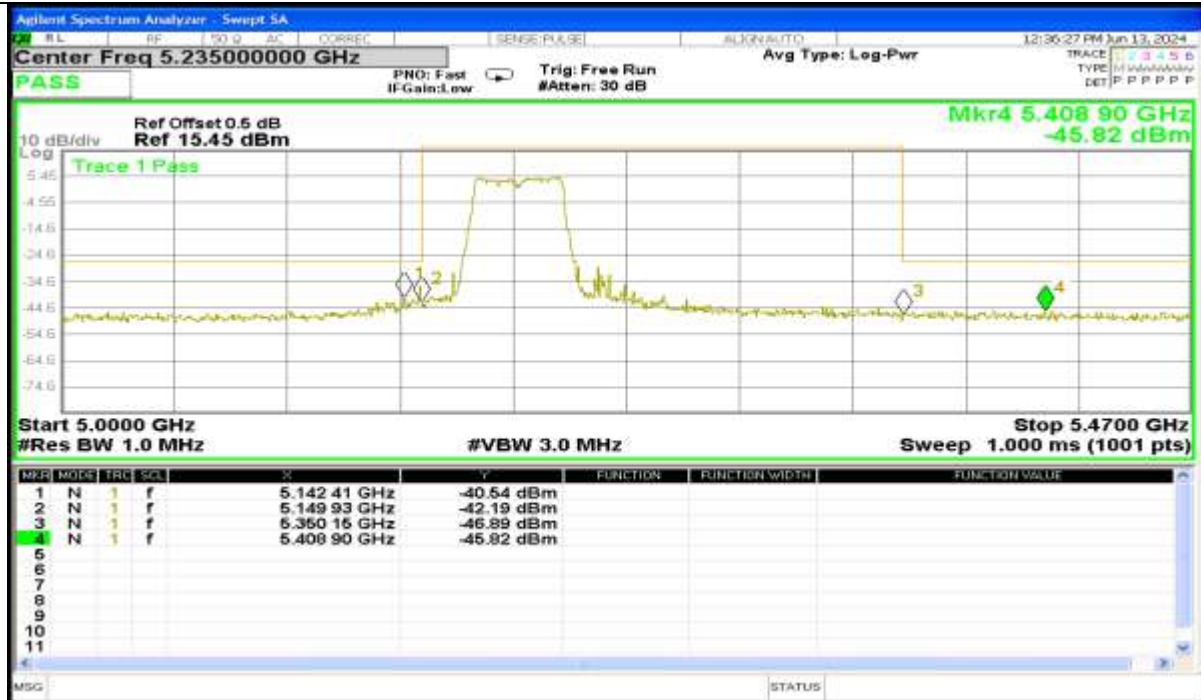
802.11ax(20M) (5.725GHz-5.85GHz)
The High Channel 165: 5825MHz



Report No.: AAEMT/RF/240507-01-01

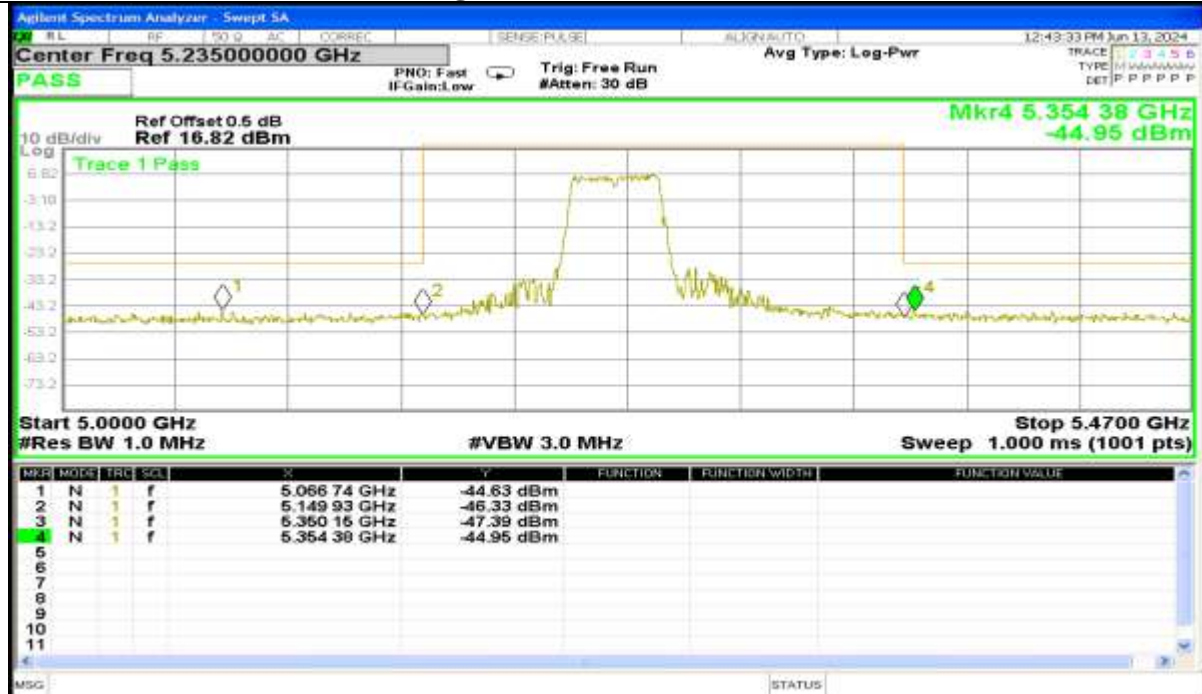
802.11ac(40M) (5.15GHz-5.25GHz)

The Lowest Channel 38: 5190MHz



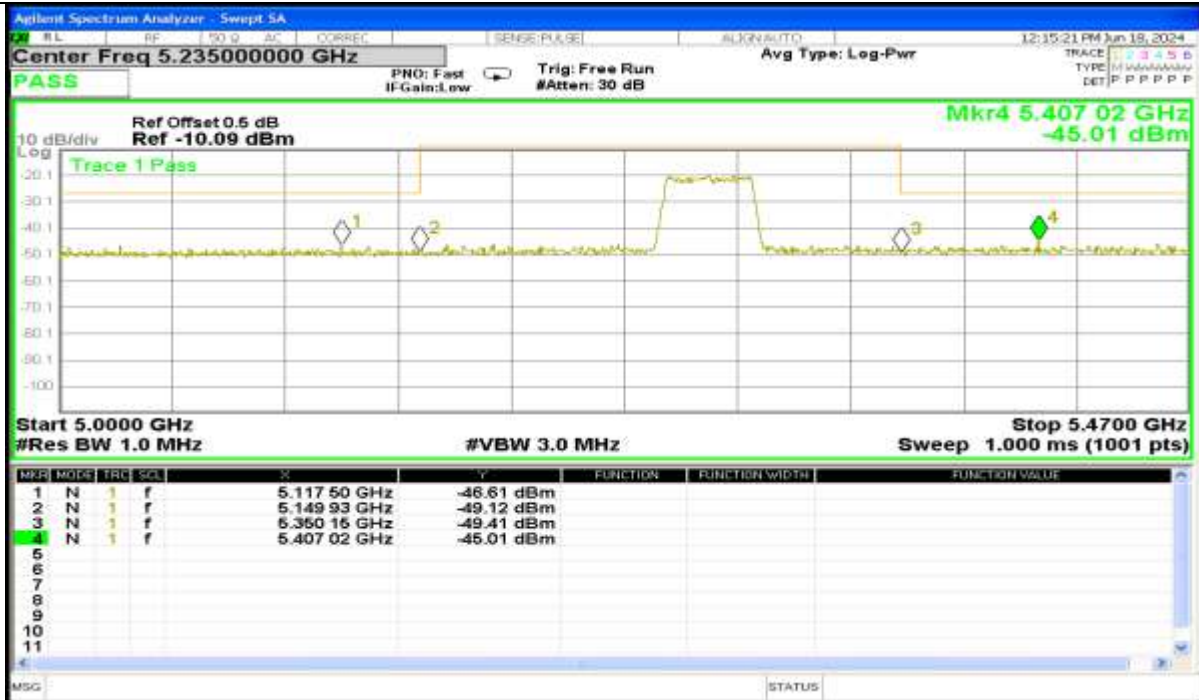
802.11ac(40M) (5.15GHz-5.25GHz)

The High Channel 46: 5230MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(40M) (5.25GHz-5.35GHz)
The Lowest Channel 54: 5270MHz



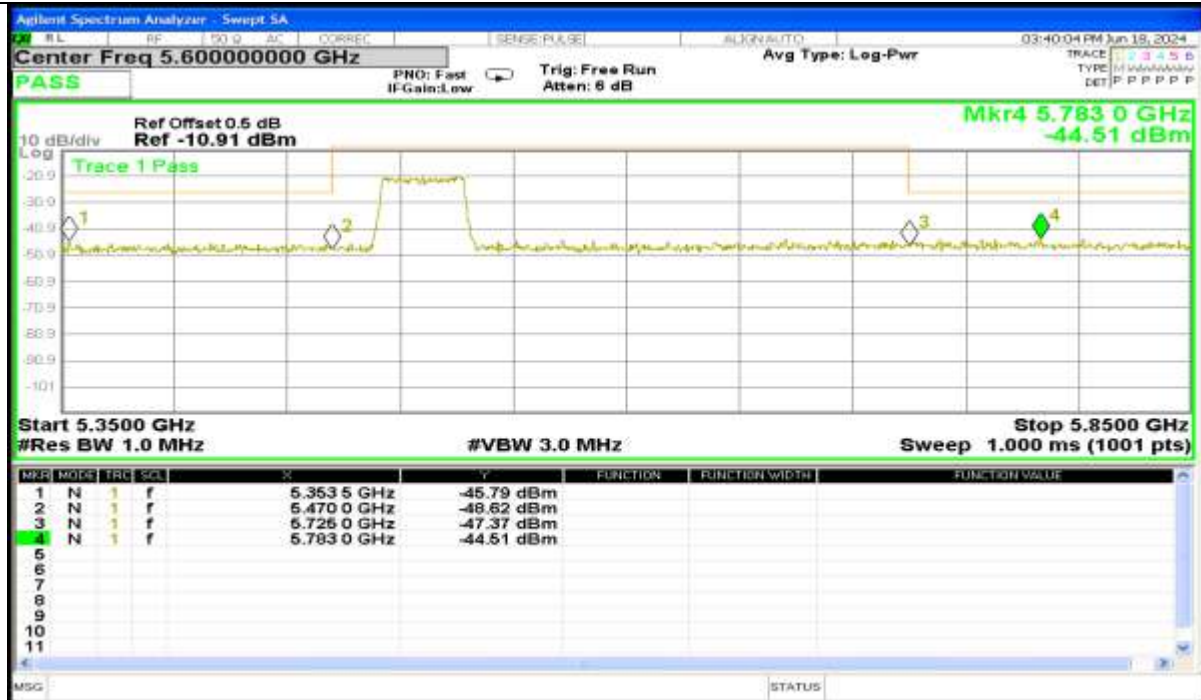
802.11ac(40M) (5.25GHz-5.35GHz)
The High Channel 62: 5310MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(40M) (5.47GHz-5.725GHz)

The Lowest Channel 102: 5510MHz



802.11ac(40M) (5.47GHz-5.725GHz)

The High Channel 134: 5670MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(40M) (5.725GHz-5.85GHz)
The Lowest Channel 151: 5755MHz

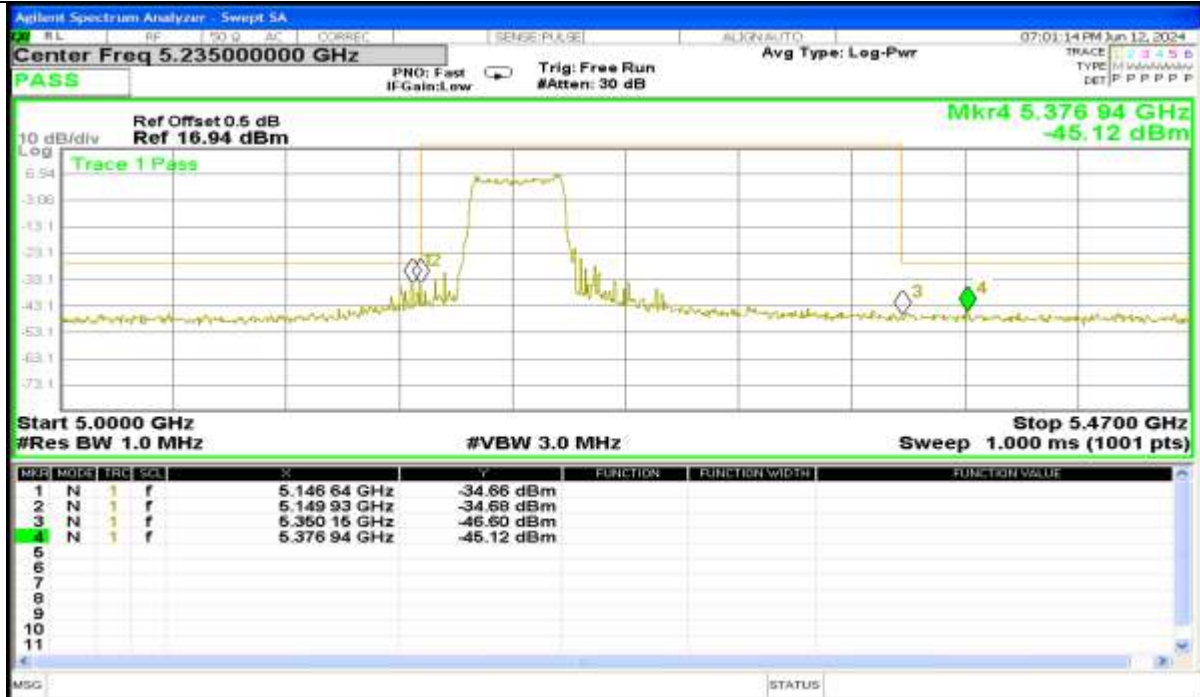


802.11ac(40M) (5.725GHz-5.85GHz)
The High Channel 159: 5795MHz

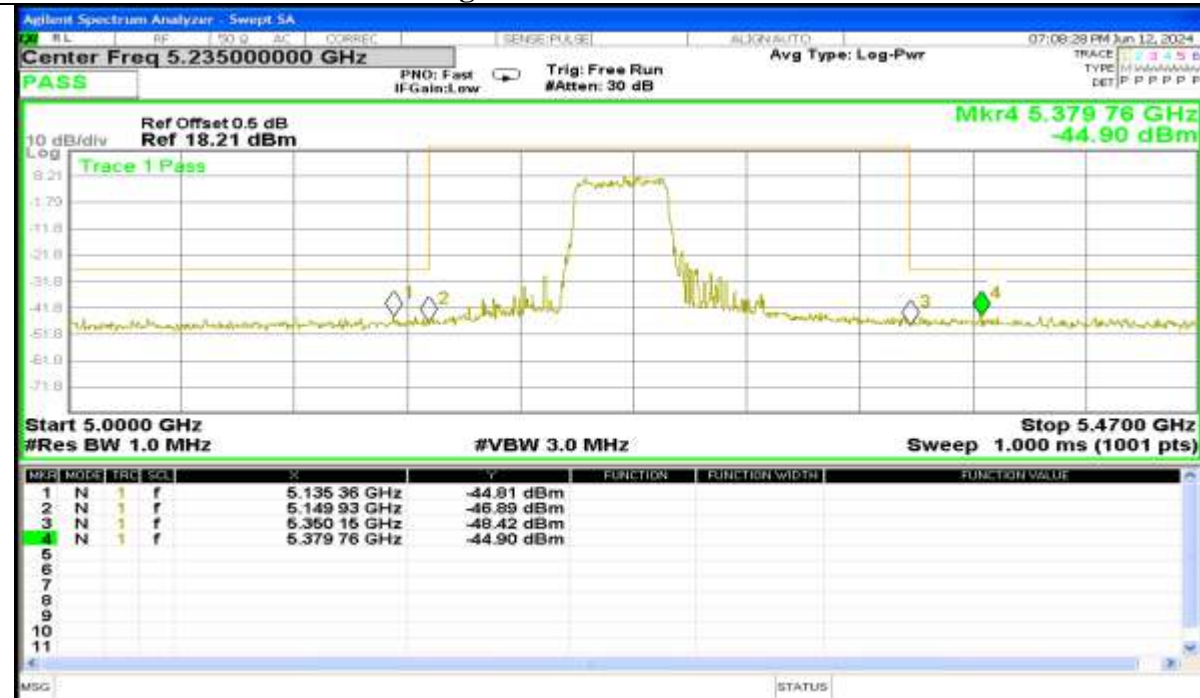


Report No.: AAEMT/RF/240507-01-01

802.11ax(40M) (5.15GHz-5.25GHz)
The Lowest Channel 38: 5190MHz



802.11ax(40M) (5.15GHz-5.25GHz)
The High Channel 46: 5230MHz



Report No.: AAEMT/RF/240507-01-01

802.11ax(40M) (5.25GHz-5.35GHz)

The Lowest Channel 54: 5270MHz



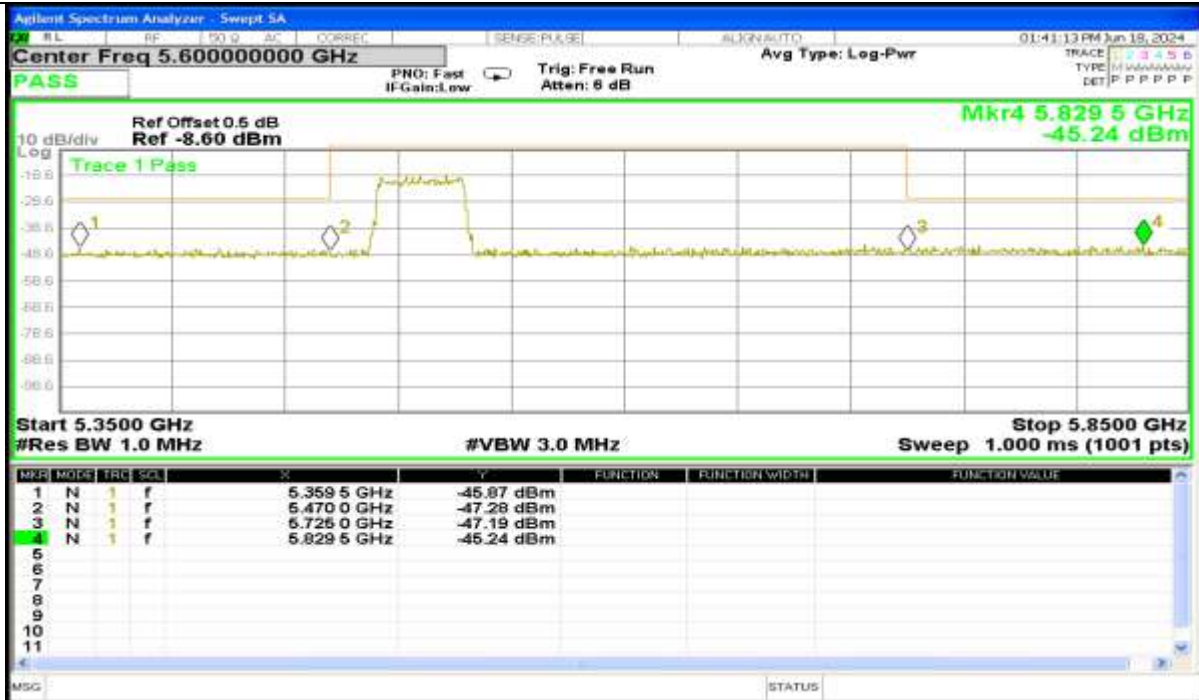
802.11ax(40M) (5.25GHz-5.35GHz)

The High Channel 62: 5310MHz



Report No.: AAEMT/RF/240507-01-01

802.11ax(40M) (5.47GHz-5.725GHz)
The Lowest Channel 102: 5510MHz



802.11ax(40M) (5.47GHz-5.725GHz)
The High Channel 134: 5670MHz



Report No.: AAEMT/RF/240507-01-01

802.11ax(40M) (5.725GHz-5.85GHz)
The Lowest Channel 151: 5755MHz



802.11ax(40M) (5.725GHz-5.85GHz)
The High Channel 159: 5795MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(80M) (5.15GHz-5.25GHz)
The Lowest Channel 42: 5210MHz

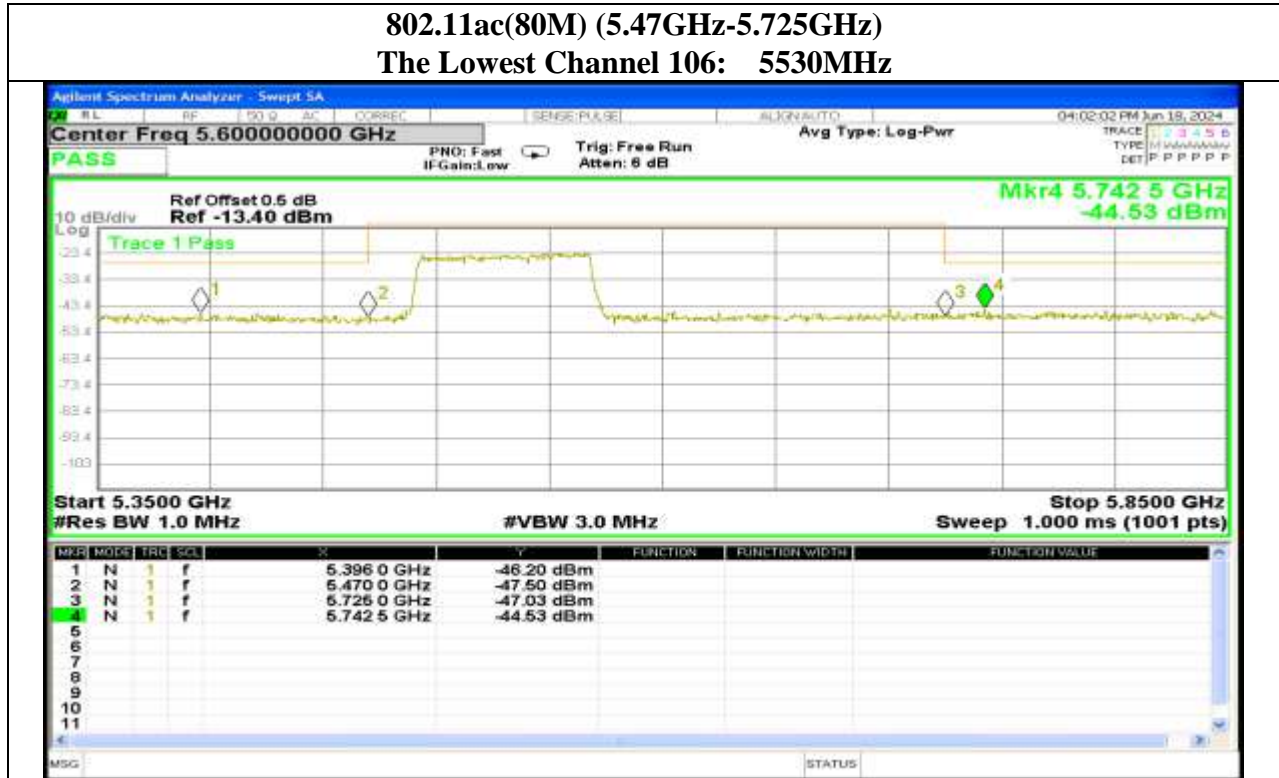


802.11ac(80M) (5.25GHz-5.35GHz)
The Lowest Channel 58: 5290MHz

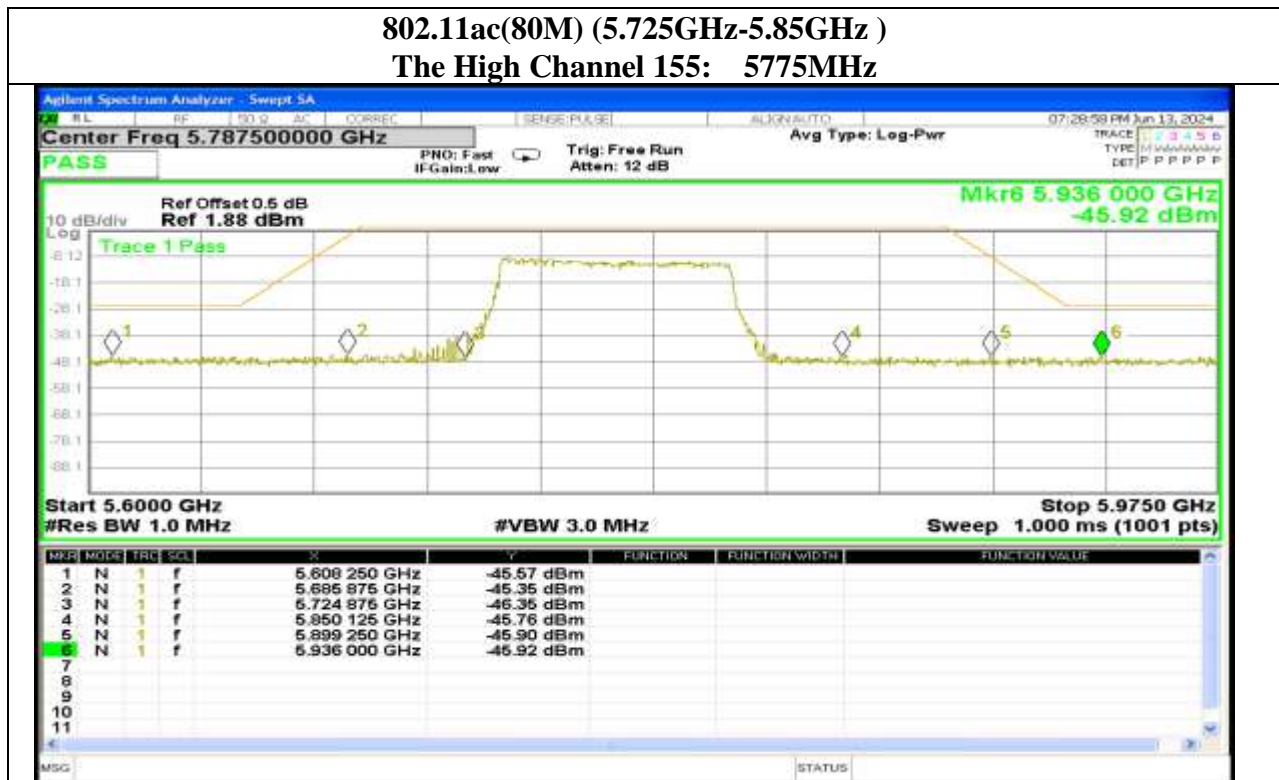


Report No.: AAEMT/RF/240507-01-01

**802.11ac(80M) (5.47GHz-5.725GHz)
The Lowest Channel 106: 5530MHz**



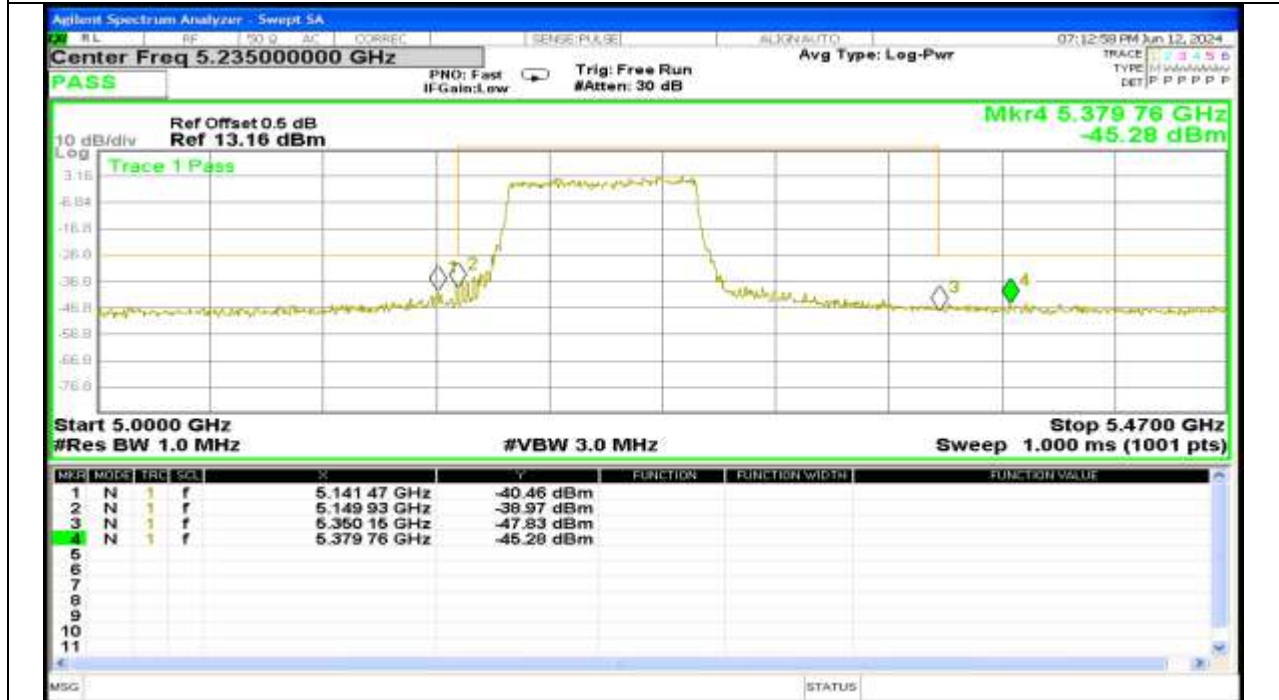
**802.11ac(80M) (5.725GHz-5.85GHz)
The High Channel 155: 5775MHz**



Report No.: AAEMT/RF/240507-01-01

802.11ax(80M) (5.15GHz-5.25GHz)

The Lowest Channel 42: 5210MHz



802.11ax(80M) (5.25GHz-5.35GHz)

The Lowest Channel 58: 5290MHz



Report No.: AAEMT/RF/240507-01-01

802.11ax(80M) (5.47GHz-5.725GHz)
The Lowest Channel 106: 5530MHz



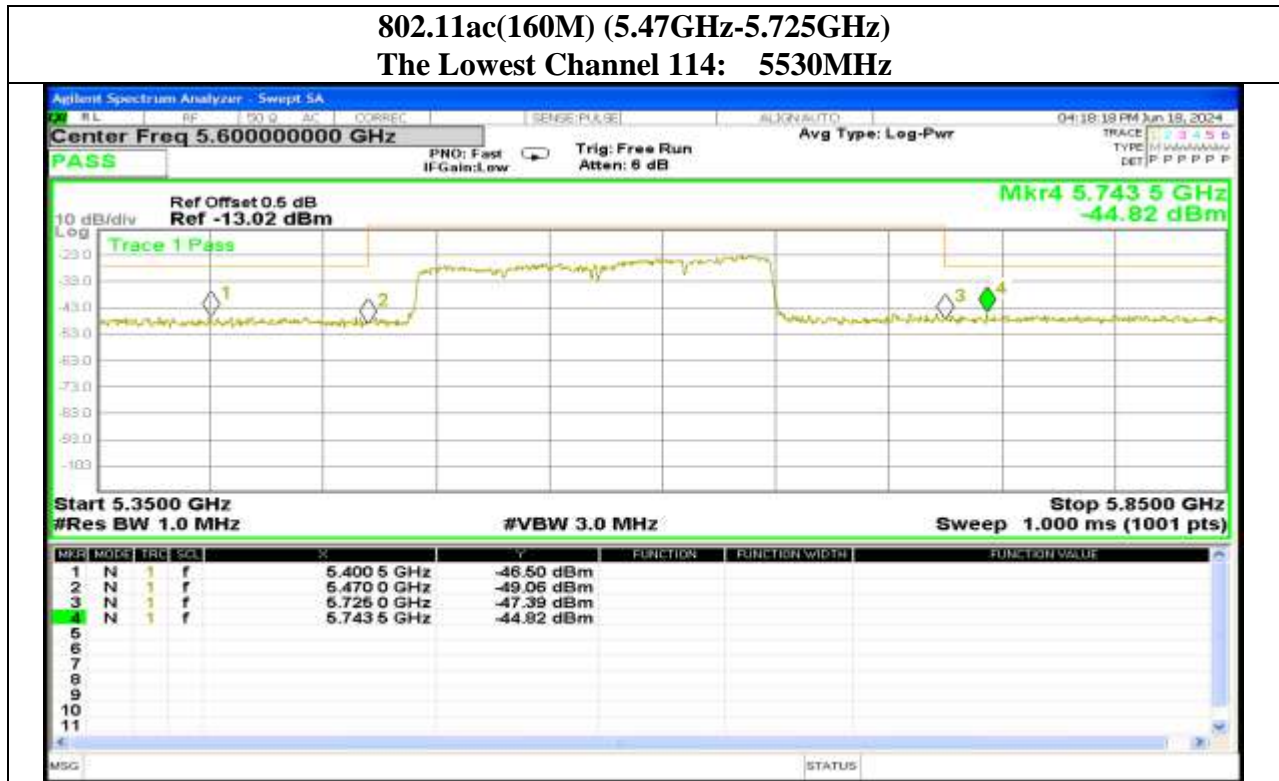
802.11ax(80M) (5.725GHz-5.85GHz)
The High Channel 155: 5775MHz



Report No.: AAEMT/RF/240507-01-01

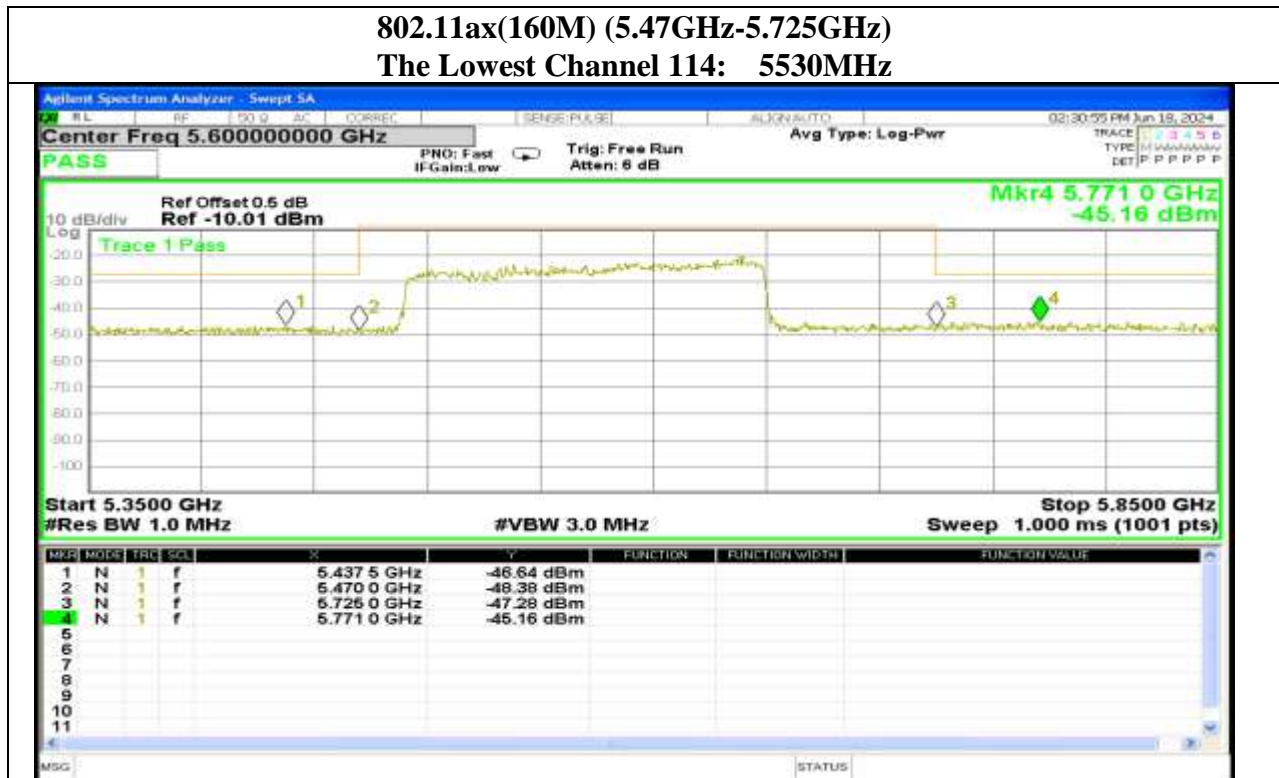
802.11ac(160M) (5.47GHz-5.725GHz)

The Lowest Channel 114: 5530MHz



802.11ax(160M) (5.47GHz-5.725GHz)

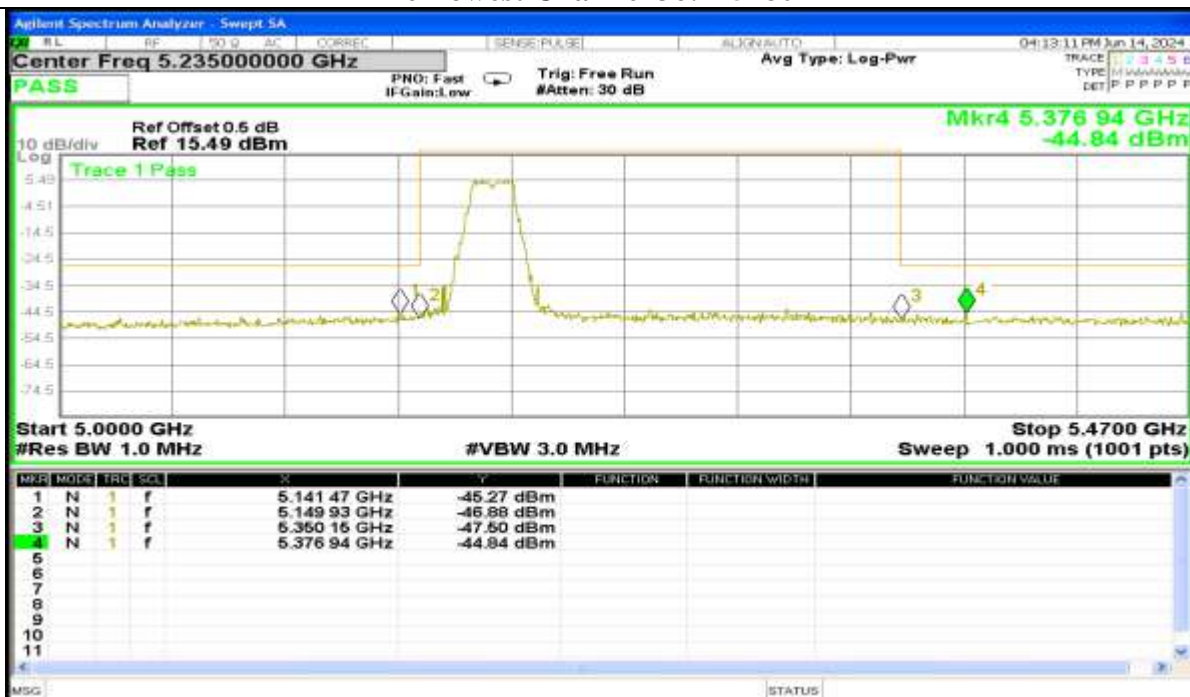
The Lowest Channel 114: 5530MHz



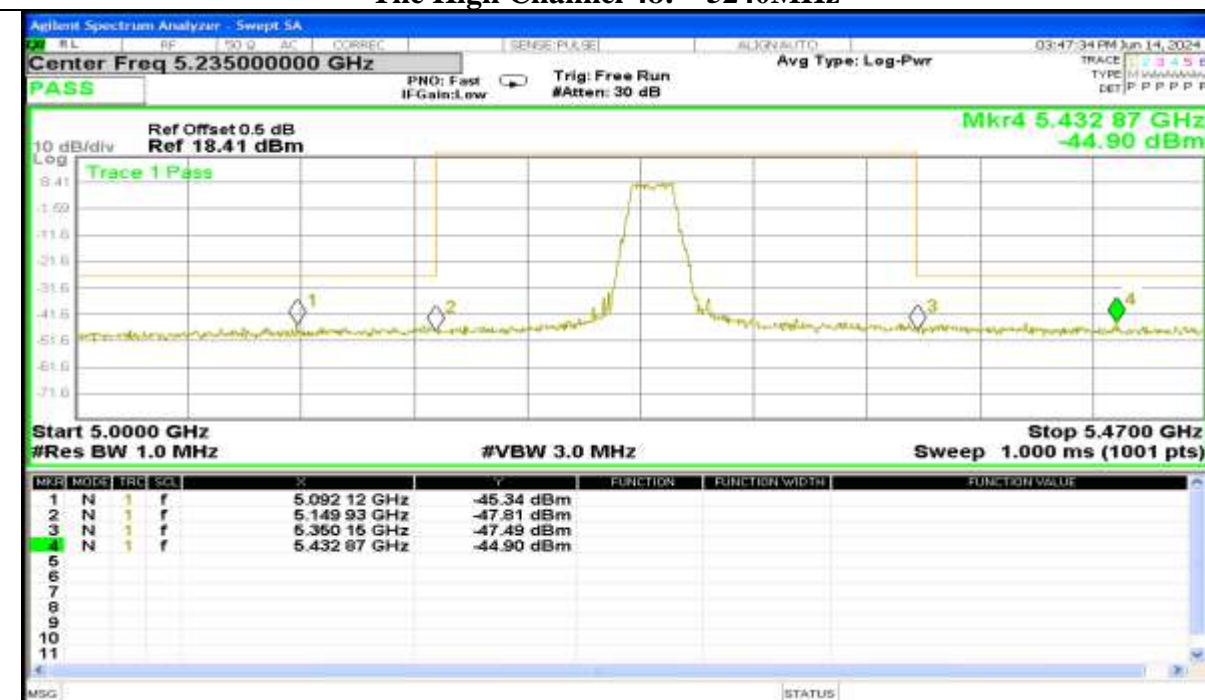
Report No.: AAEMT/RF/240507-01-01

Antenna 1:

802.11ac(20M) (5.15GHz-5.25GHz) The Lowest Channel 36: 5180MHz



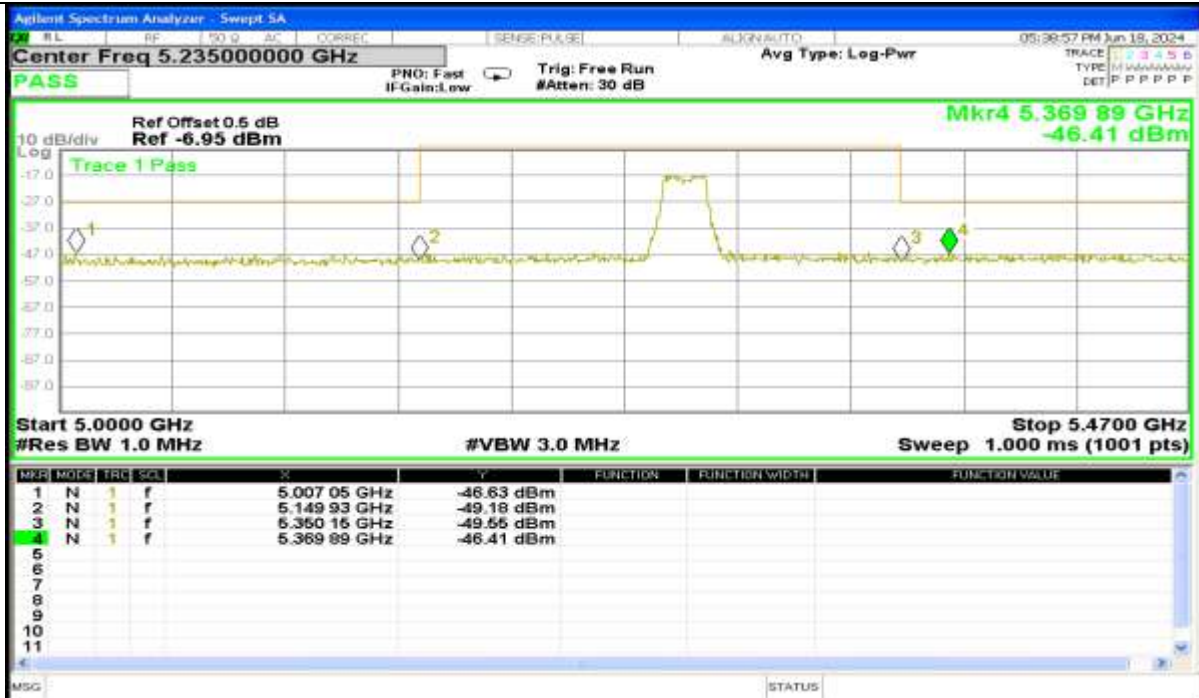
802.11ac(20M) (5.15GHz-5.25GHz) The High Channel 48: 5240MHz



Report No.: AAEMT/RF/240507-01-01

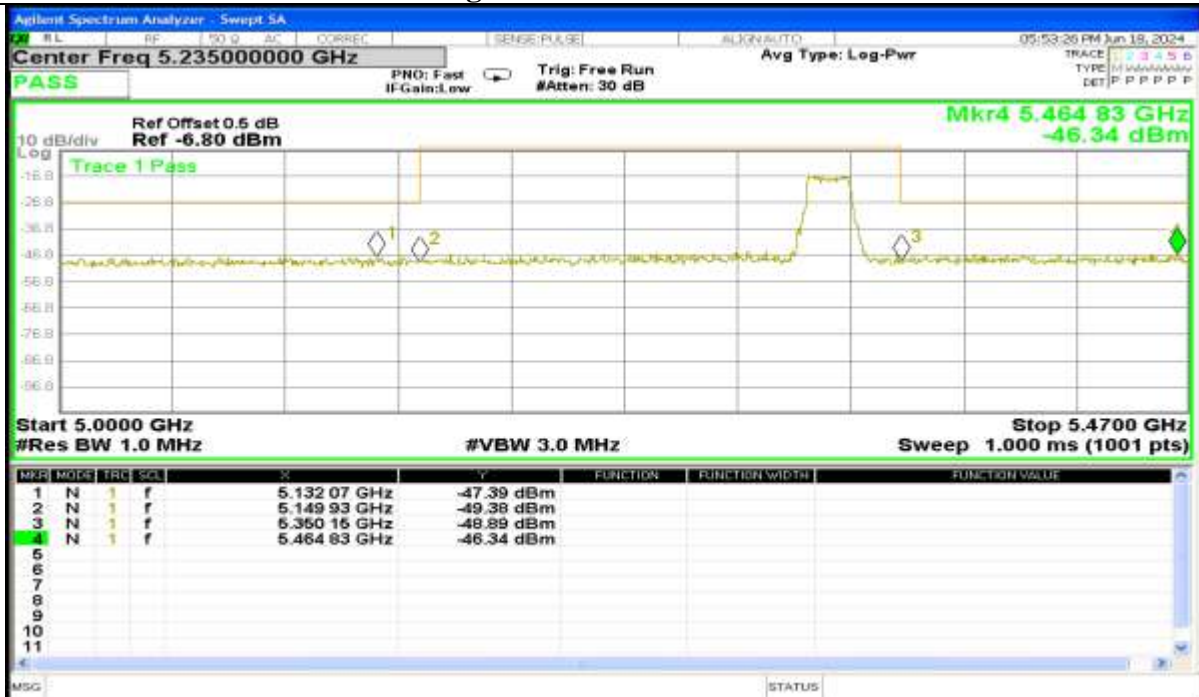
802.11ac(20M) (5.25GHz-5.35GHz)

The Low Channel 52: 5260MHz



802.11ac(20M) (5.25GHz-5.35GHz)

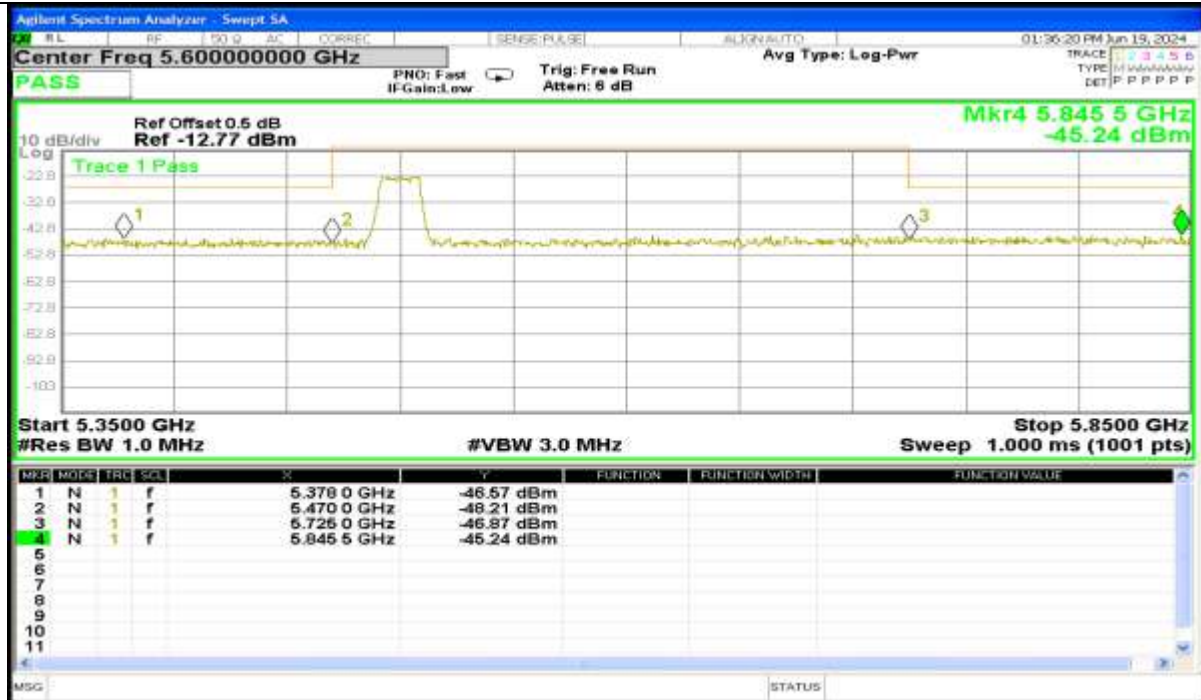
The High Channel 64: 5320MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(20M) (5.47GHz-5.725GHz)

The Low Channel 100: 5500MHz



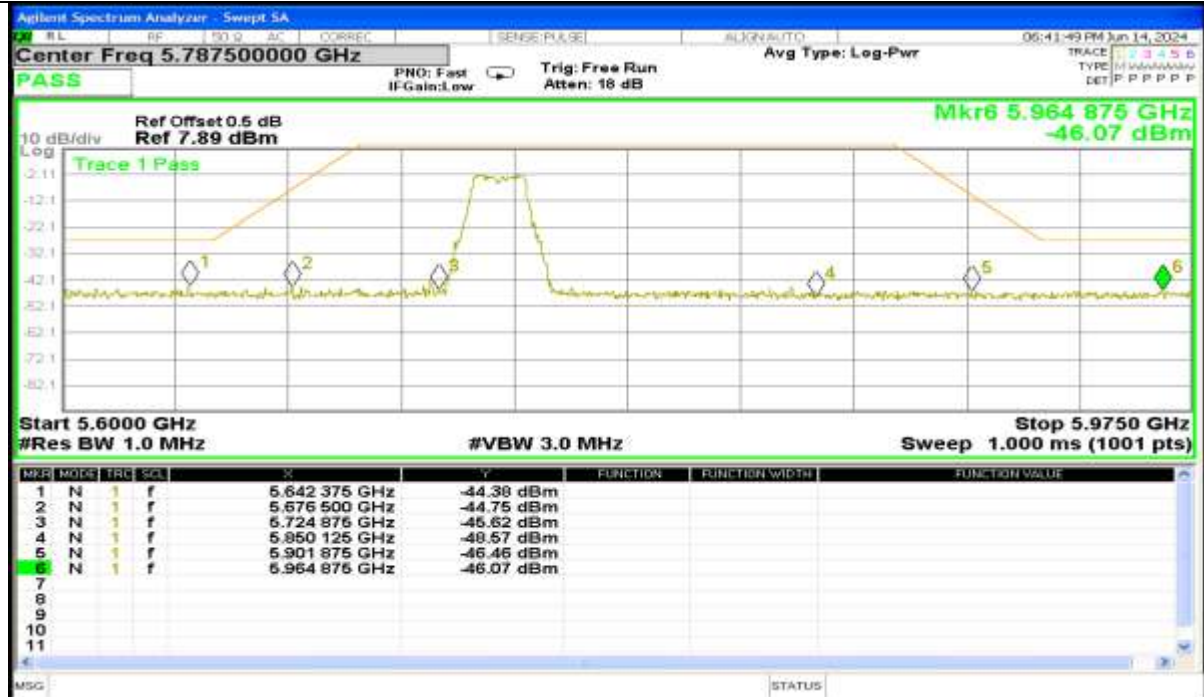
802.11ac(20M) (5.47GHz-5.725GHz)

The High Channel 140: 5700MHz



802.11ac(20M) (5.725GHz-5.85GHz)

The Low Channel 149: 5745MHz



802.11ac(20M) (5.725GHz-5.85GHz)

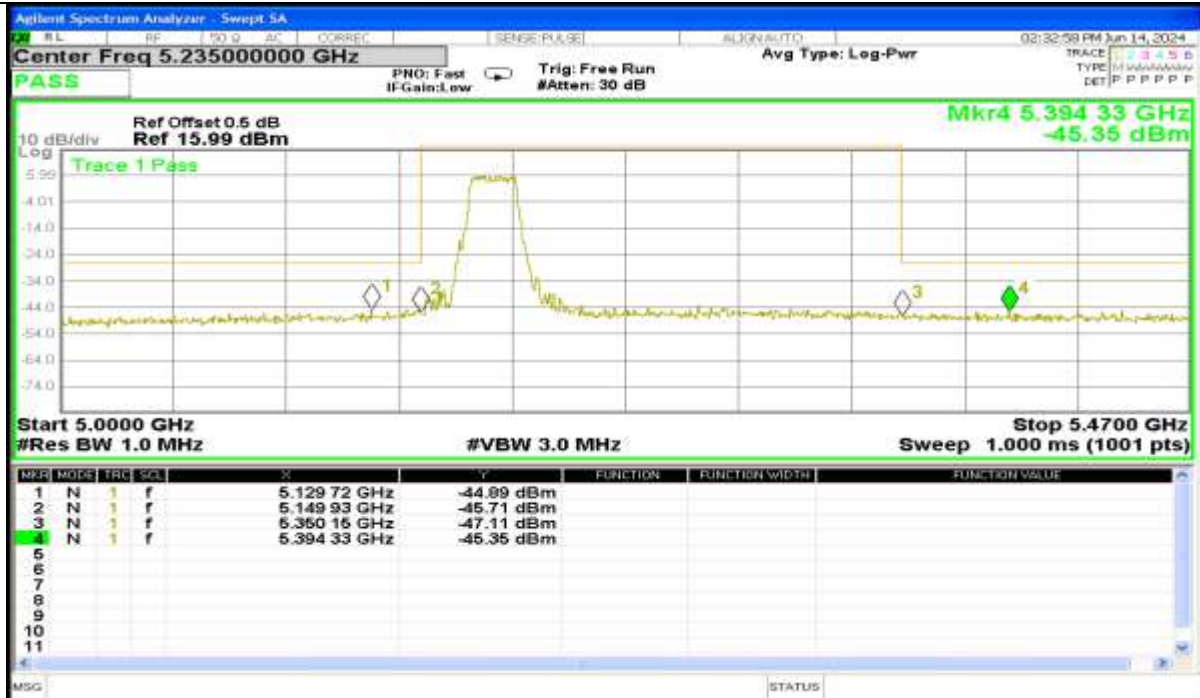
The High Channel 165: 5825MHz



Report No.: AAEMT/RF/240507-01-01

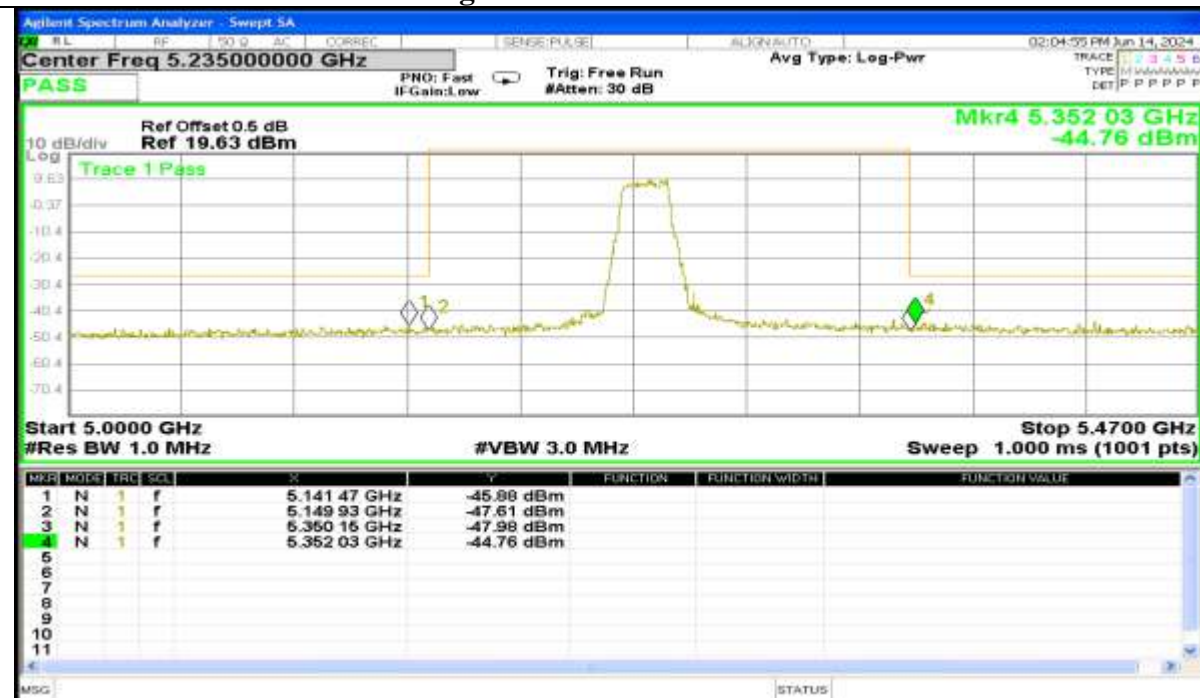
802.11ax(20M) (5.15GHz-5.25GHz)

The Lowest Channel 36: 5180MHz



802.11ax(20M) (5.15GHz-5.25GHz)

The High Channel 48: 5240MHz



Report No.: AAEMT/RF/240507-01-01

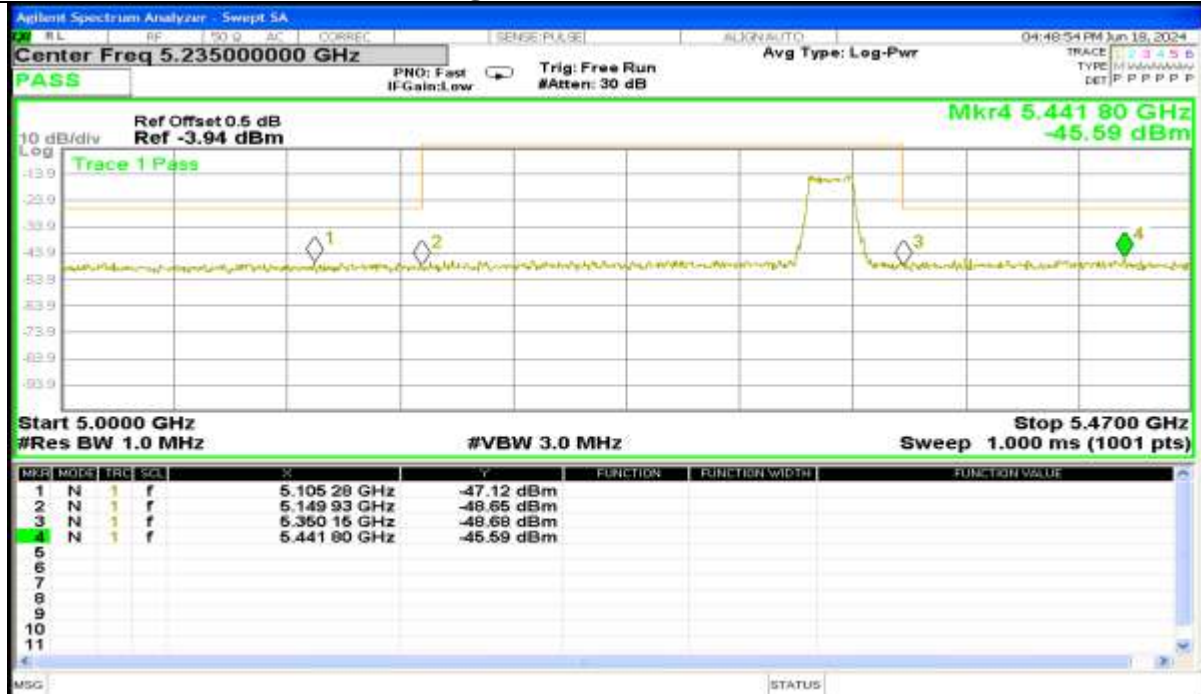
802.11ax(20M) (5.25GHz-5.35GHz)

The Low Channel 52: 5260MHz



802.11ax(20M) (5.25GHz-5.35GHz)

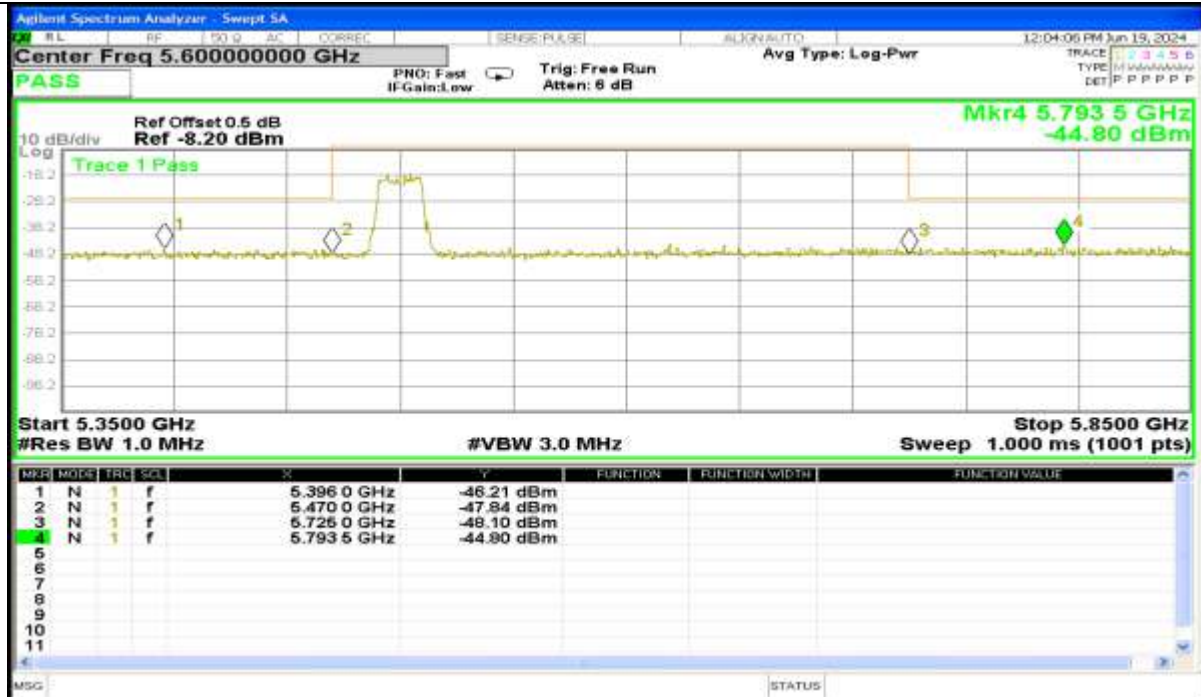
The High Channel 64: 5320MHz



Report No.: AAEMT/RF/240507-01-01

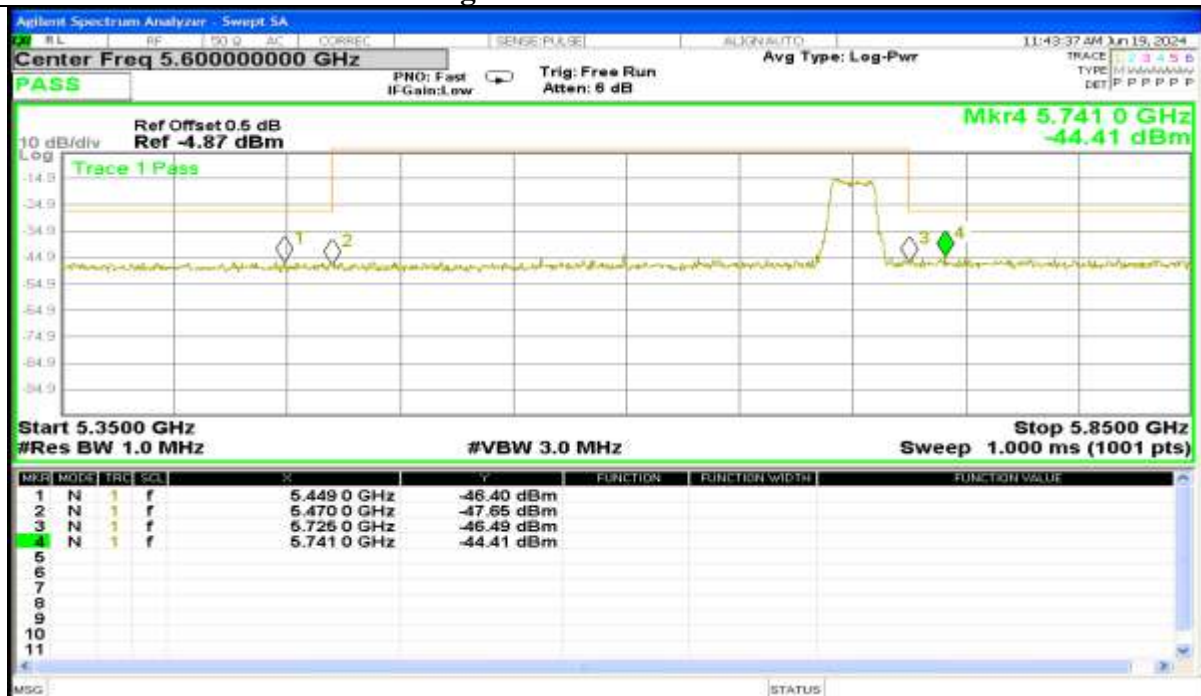
802.11ax(20M) (5.47GHz-5.725GHz)

The Low Channel 100: 5500MHz



802.11ax(20M) (5.47GHz-5.725GHz)

The High Channel 140: 5700MHz



Report No.: AAEMT/RF/240507-01-01

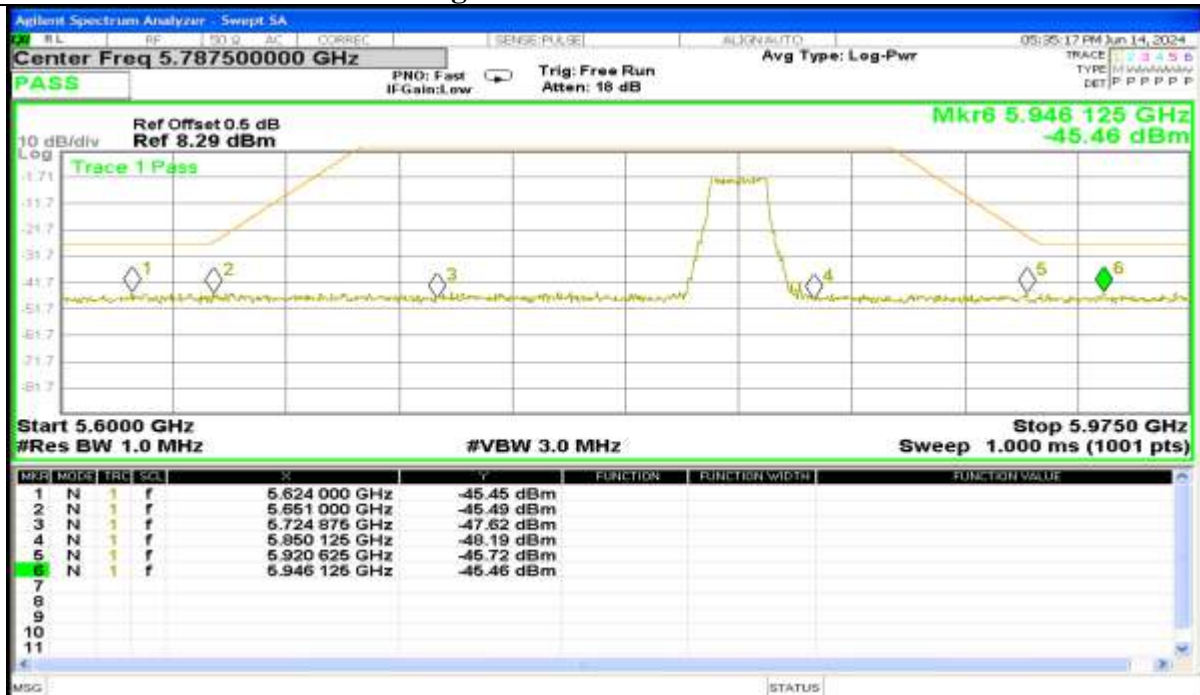
802.11ax(20M) (5.725GHz-5.85GHz)

The Low Channel 149: 5745MHz



802.11ax(20M) (5.725GHz-5.85GHz)

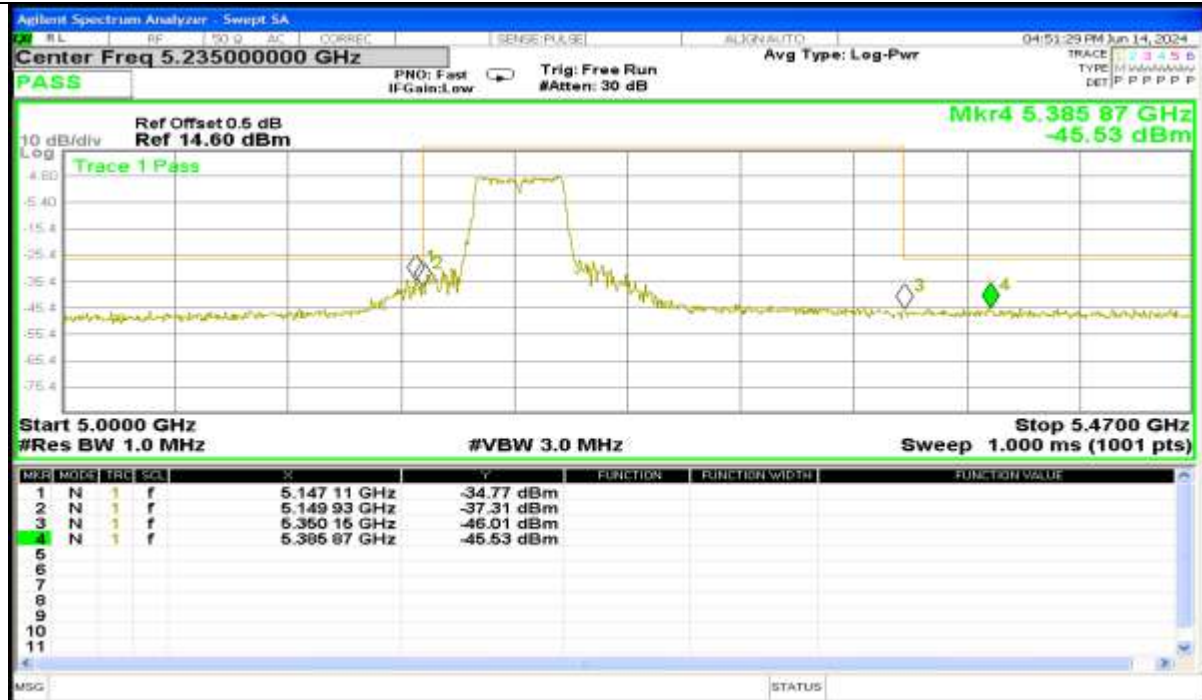
The High Channel 165: 5825MHz



Report No.: AAEMT/RF/240507-01-01

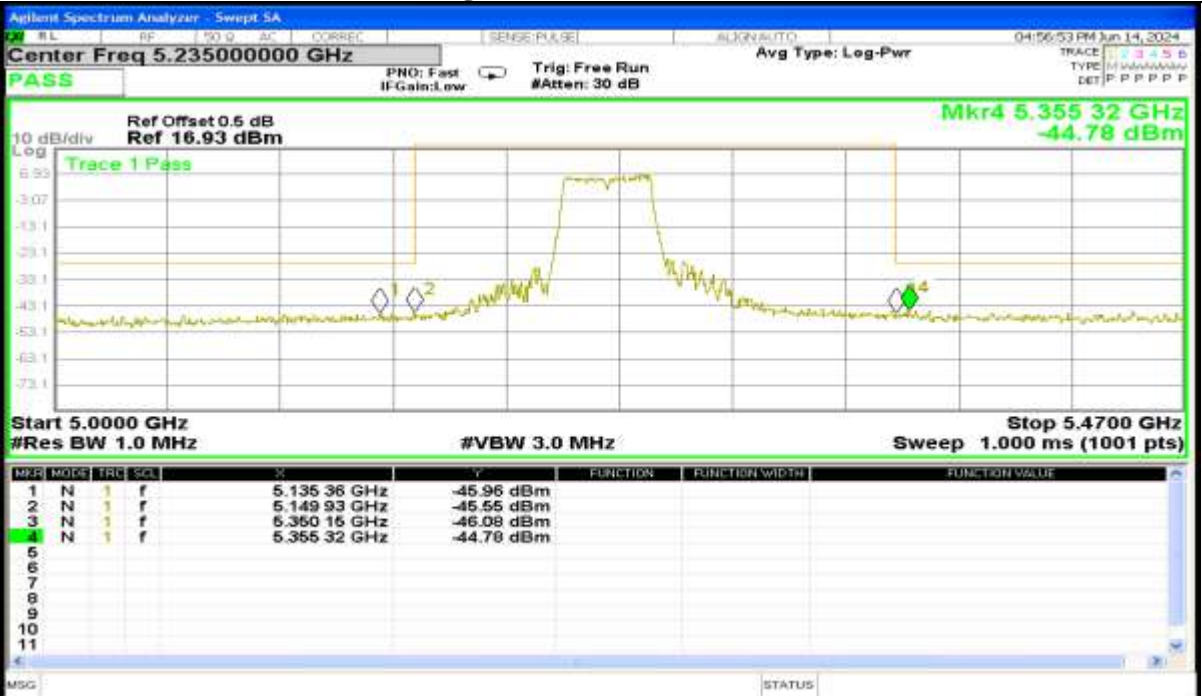
802.11ac(40M) (5.15GHz-5.25GHz)

The Lowest Channel 38: 5190MHz



802.11ac(40M) (5.15GHz-5.25GHz)

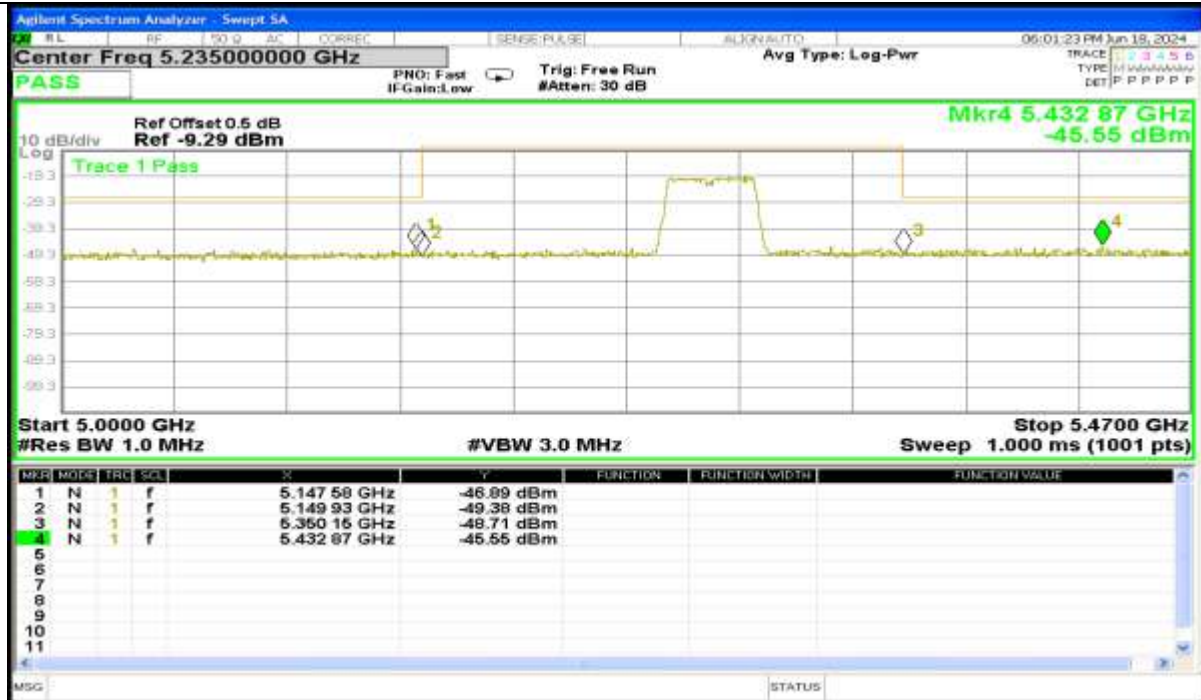
The High Channel 46: 5230MHz



Report No.: AAEMT/RF/240507-01-01

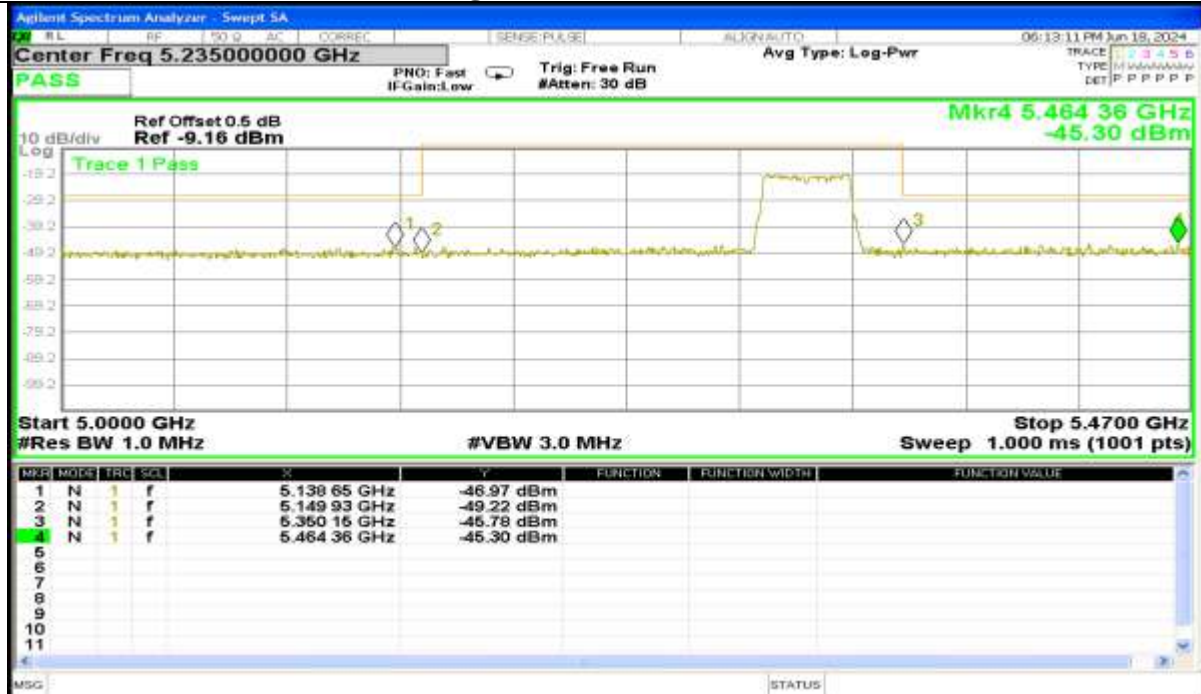
802.11ac(40M) (5.25GHz-5.35GHz)

The Lowest Channel 54: 5270MHz



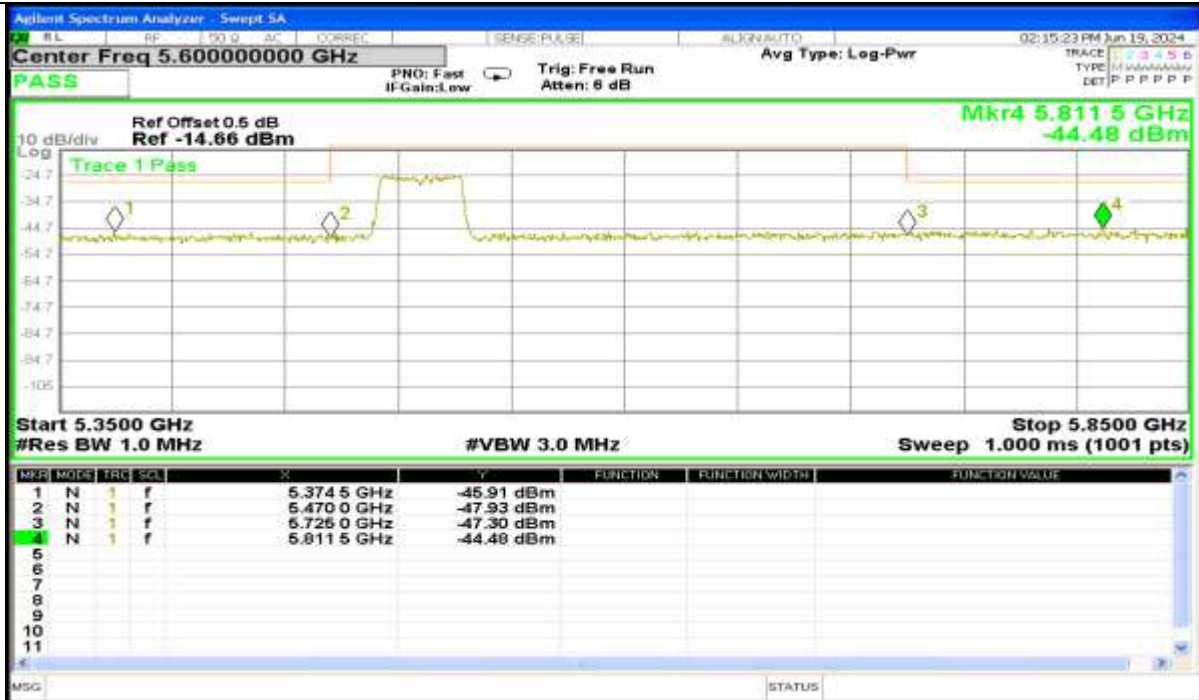
802.11ac(40M) (5.25GHz-5.35GHz)

The High Channel 62: 5310MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(40M) (5.47GHz-5.725GHz)
The Lowest Channel 102: 5510MHz

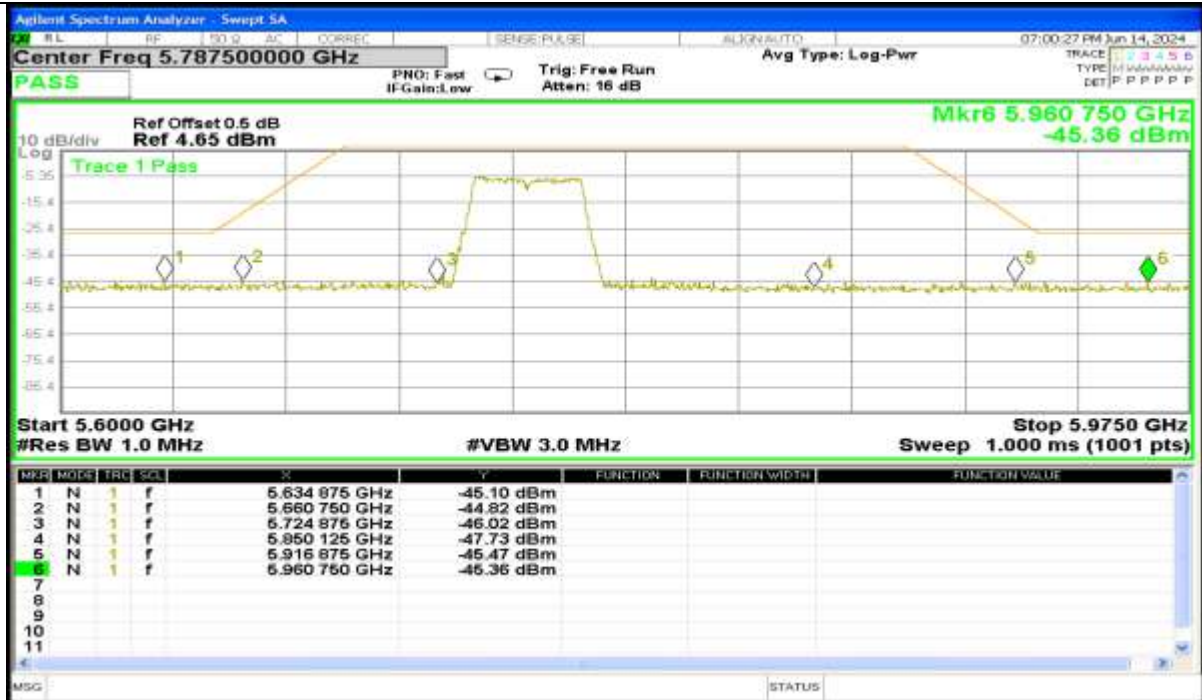


802.11ac(40M) (5.47GHz-5.725GHz)
The High Channel 134: 5670MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(40M) (5.725GHz-5.85GHz)
The Lowest Channel 151: 5755MHz

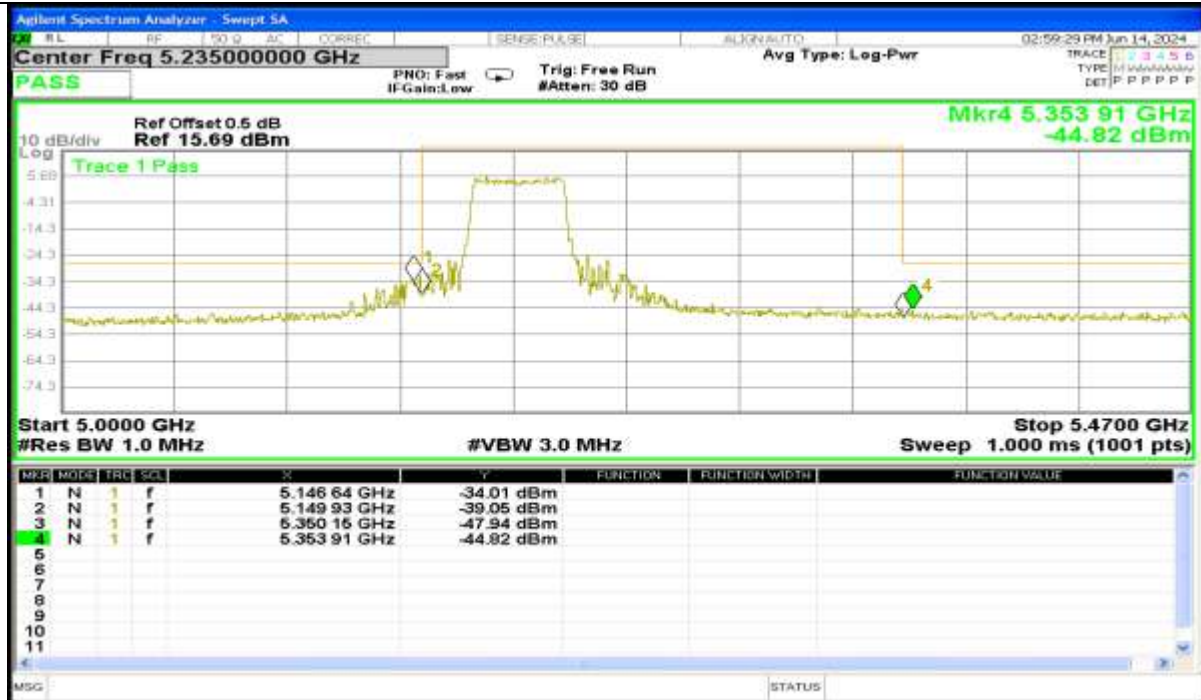


802.11ac(40M) (5.725GHz-5.85GHz)
The High Channel 159: 5795MHz



Report No.: AAEMT/RF/240507-01-01

802.11ax(40M) (5.15GHz-5.25GHz)
The Lowest Channel 38: 5190MHz

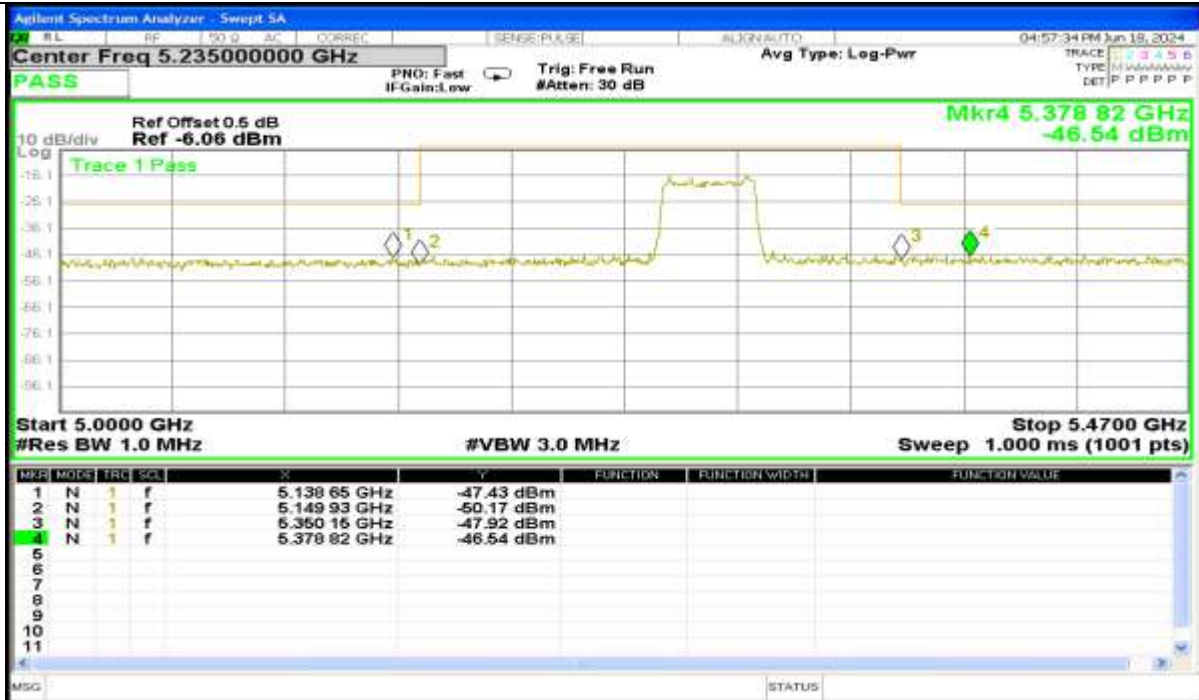


802.11ax(40M) (5.15GHz-5.25GHz)
The High Channel 46: 5230MHz



Report No.: AAEMT/RF/240507-01-01

802.11ax(40M) (5.25GHz-5.35GHz)
The Lowest Channel 54: 5270MHz



802.11ax(40M) (5.25GHz-5.35GHz)
The High Channel 62: 5310MHz



Report No.: AAEMT/RF/240507-01-01

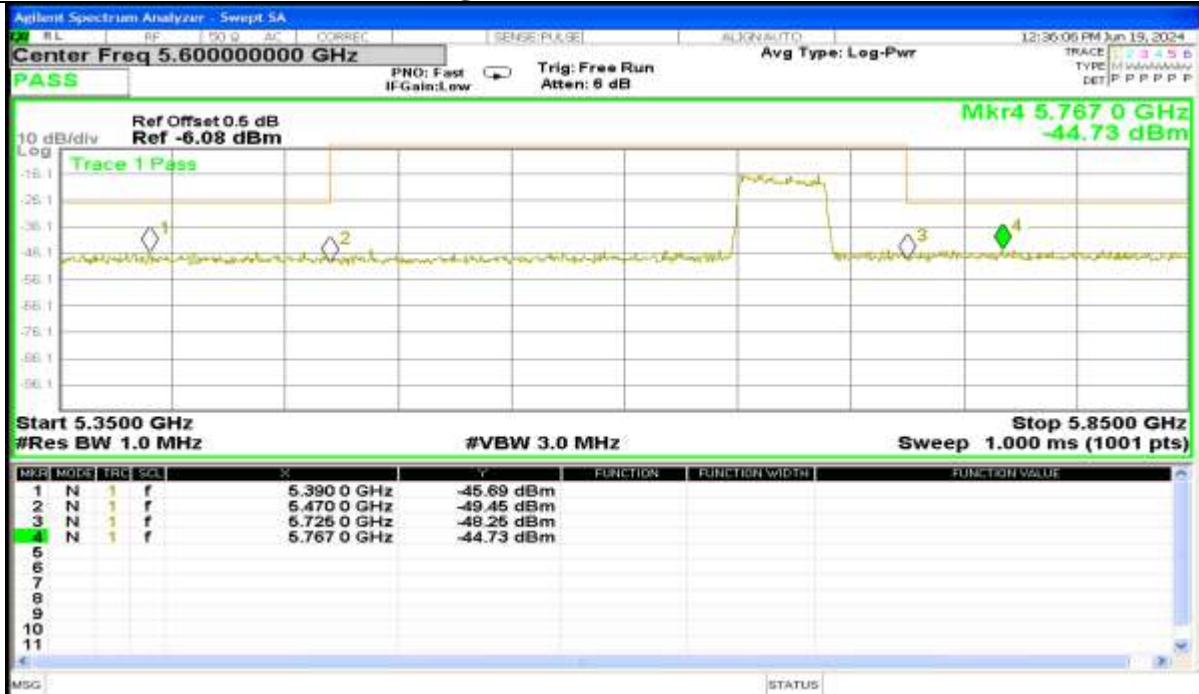
802.11ax(40M) (5.47GHz-5.725GHz)

The Lowest Channel 102: 5510MHz



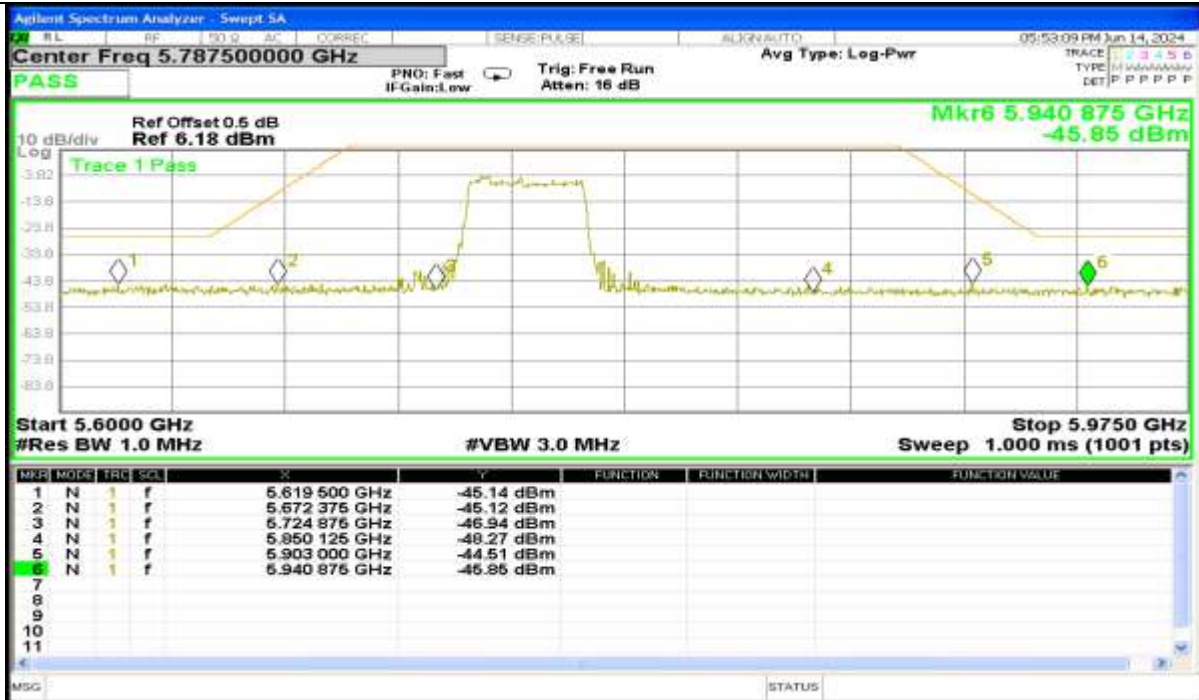
802.11ax(40M) (5.47GHz-5.725GHz)

The High Channel 134: 5670MHz

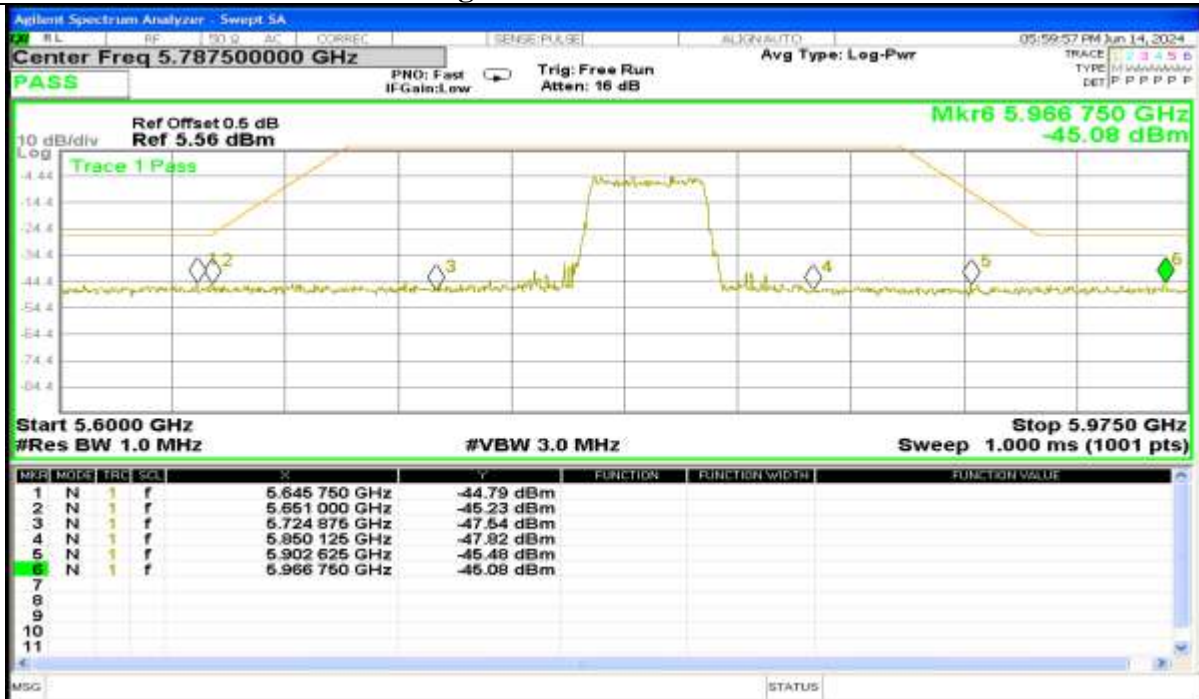


Report No.: AAEMT/RF/240507-01-01

802.11ax(40M) (5.725GHz-5.85GHz)
The Lowest Channel 151: 5755MHz



802.11ax(40M) (5.725GHz-5.85GHz)
The High Channel 159: 5795MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(80M) (5.15GHz-5.25GHz)

The Lowest Channel 42: 5210MHz



802.11ac(80M) (5.25GHz-5.35GHz)

The Lowest Channel 58: 5290MHz



Report No.: AAEMT/RF/240507-01-01

802.11ac(80M) (5.47GHz-5.725GHz)
The Lowest Channel 106: 5530MHz

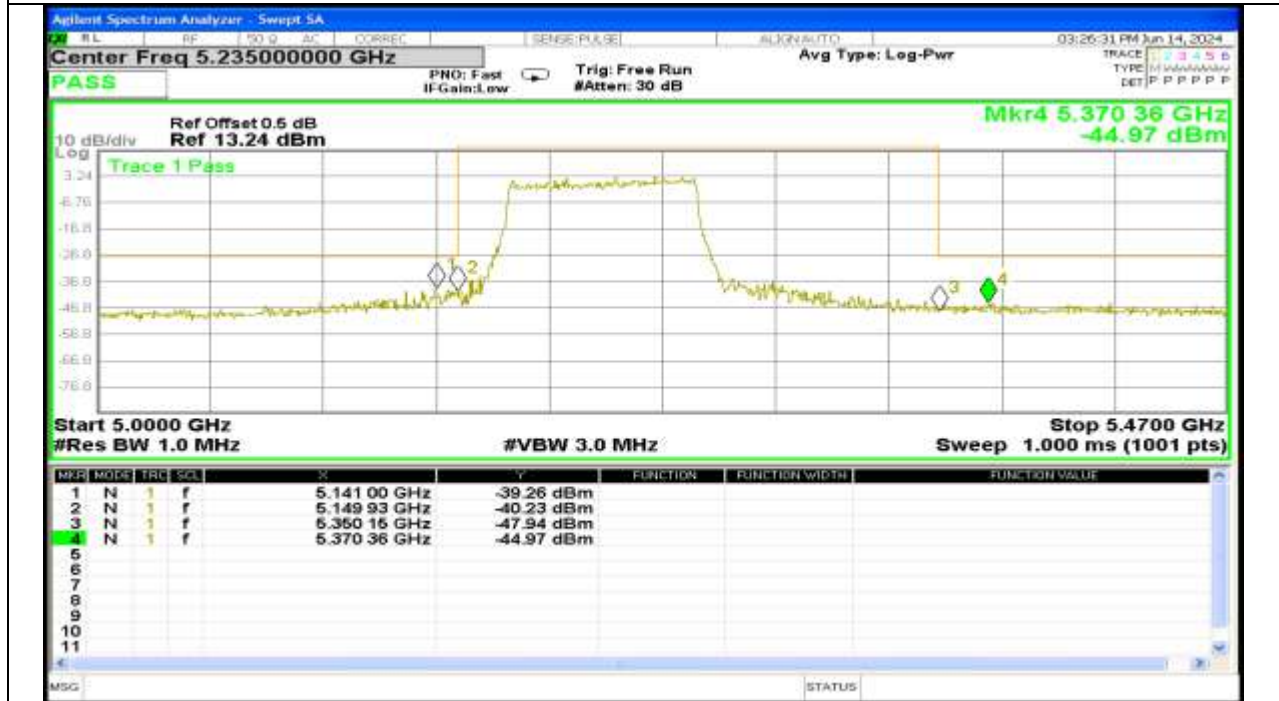


802.11ac(80M) (5.725GHz-5.85GHz)
The High Channel 155: 5775MHz



Report No.: AAEMT/RF/240507-01-01

802.11ax(80M) (5.15GHz-5.25GHz)
The Lowest Channel 42: 5210MHz



802.11ax(80M) (5.25GHz-5.35GHz)
The Lowest Channel 58: 5290MHz



Report No.: AAEMT/RF/240507-01-01

802.11ax(80M) (5.47GHz-5.725GHz)

The Lowest Channel 106: 5530MHz



802.11ax(80M) (5.725GHz-5.85GHz)

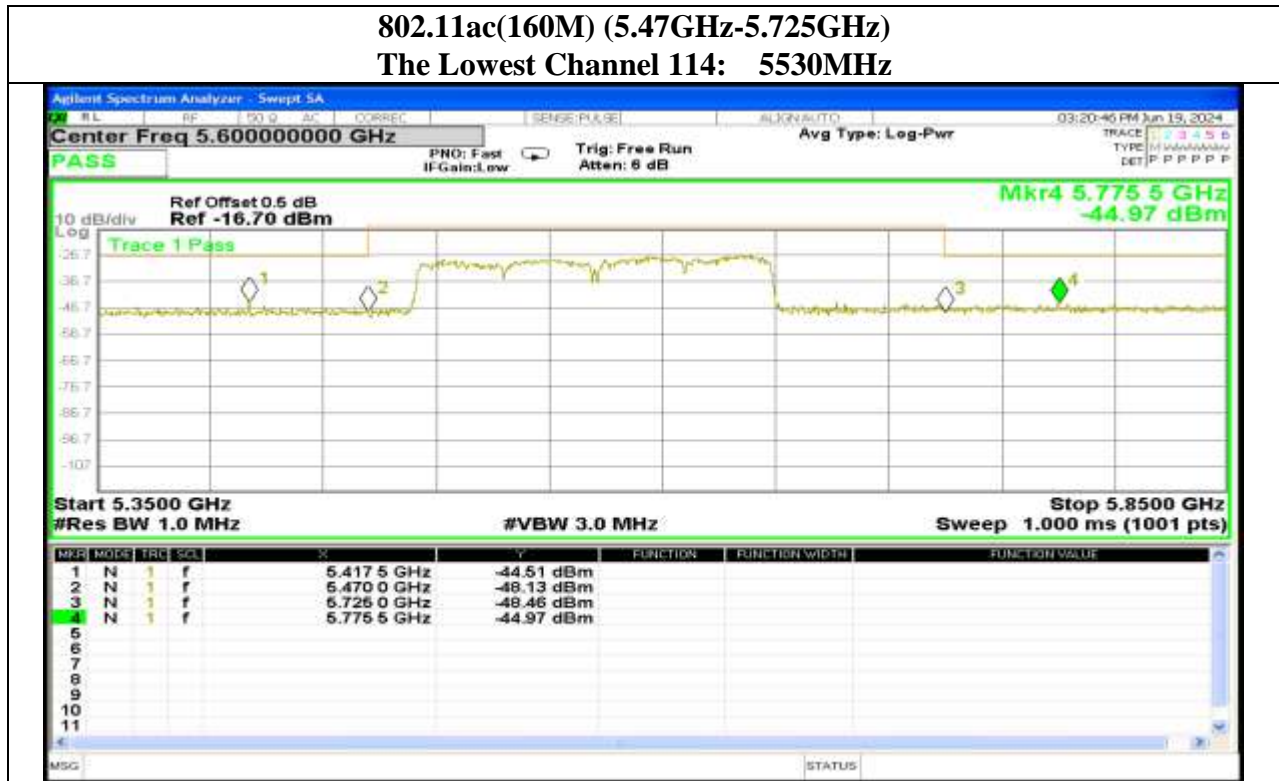
The High Channel 155: 5775MHz



Report No.: AAEMT/RF/240507-01-01

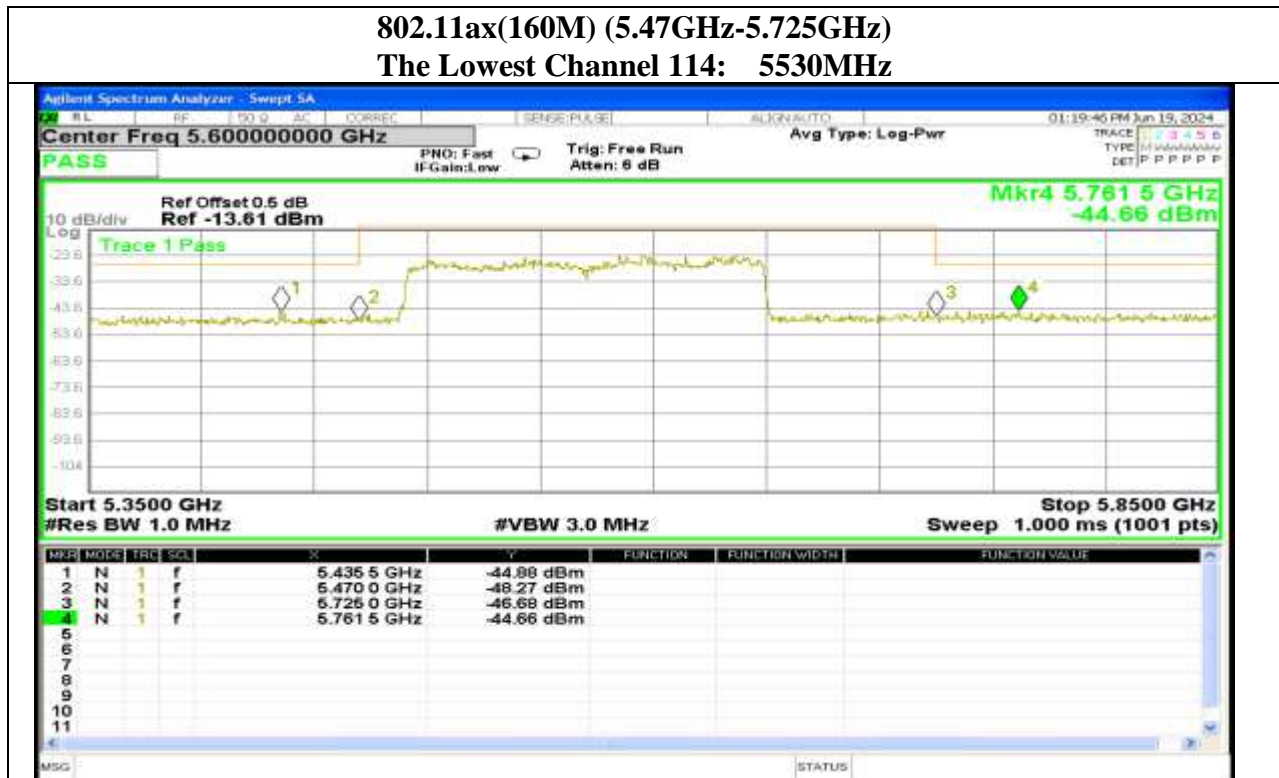
802.11ac(160M) (5.47GHz-5.725GHz)

The Lowest Channel 114: 5530MHz



802.11ax(160M) (5.47GHz-5.725GHz)

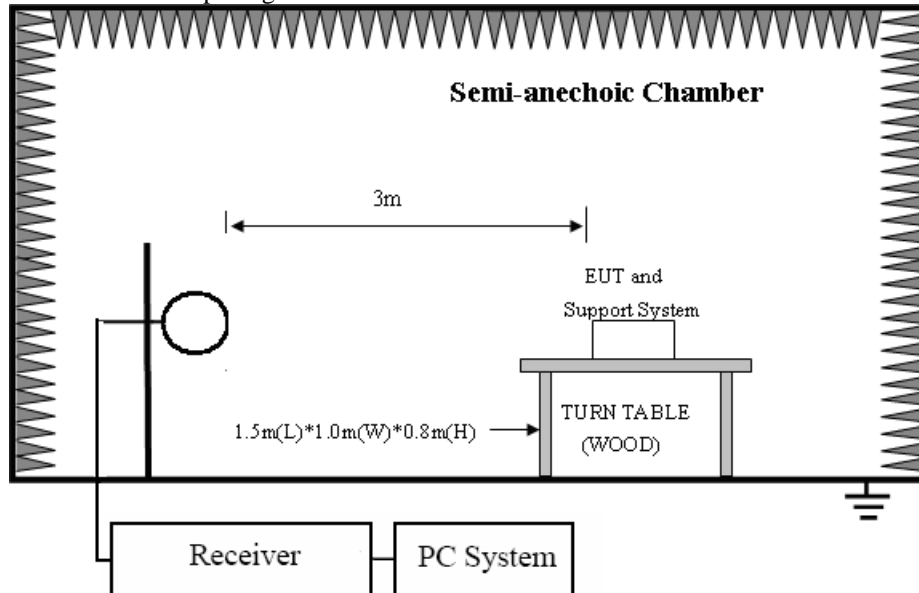
The Lowest Channel 114: 5530MHz



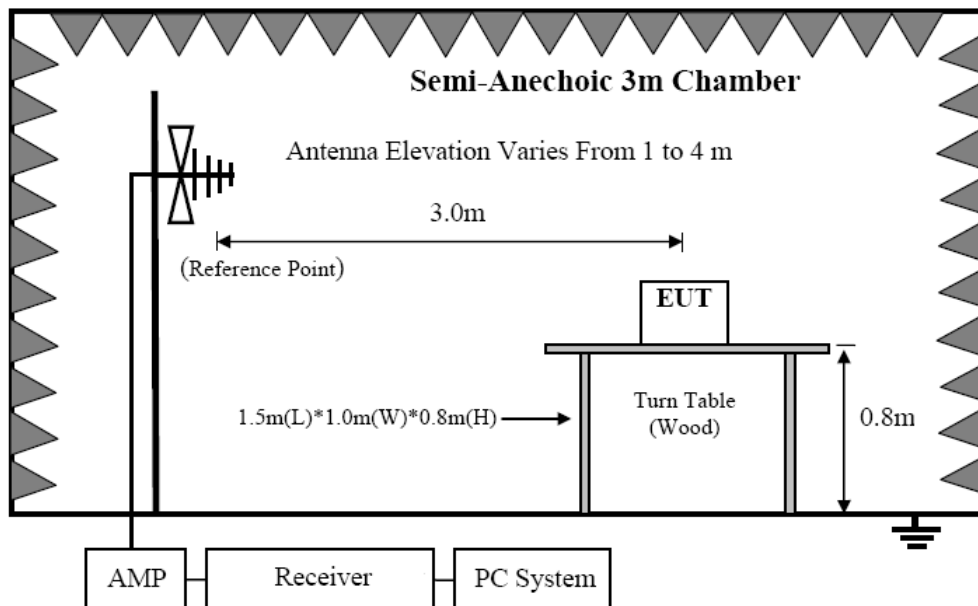
8. RADIATED EMISSION MEASUREMENT

8.1. Block diagram of test setup

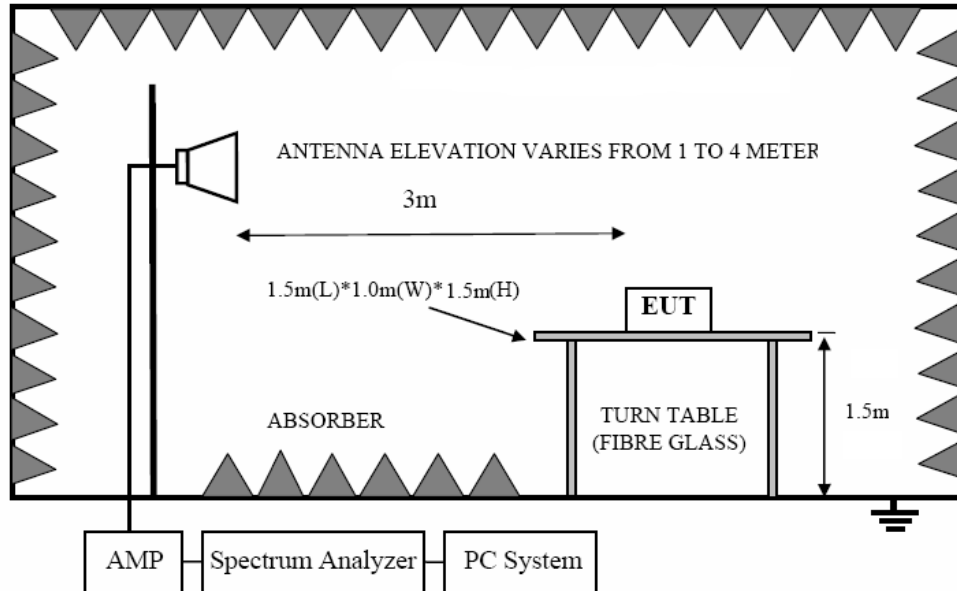
In 3m Anechoic Chamber Test Setup Diagram for 9KHz-30MHz



In 3m Anechoic Chamber Test Setup Diagram for 30MHz-1GHz



In 3m Anechoic Chamber Test Setup Diagram for frequency above 1GHz



Note: For harmonic emissions test a appropriate high pass filter was inserted in the input port of AMP.

8.2. Limit

9.3.1 FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

9.3.2. FCC 15.209 Limit.

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
0.009 ~ 0.490	300	2400/F(KHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(KHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) The emission limits shown in the above table are based on measurements employing a CISPR

QP detector except for the frequency bands 9-90KHz, 110-490KHz and above 1000MHz.

Radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30MHz, measurement may be performed at a distance closer then that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3m}(\text{dBuV/m}) = \text{Limit}_{30m}(\text{dBuV/m}) + 40\text{Log}(30m/3m)$$

9.3.3. Limit for this EUT

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 30dB below the fundamental emissions, or comply with 15.209 limits.

8.3. Test Procedure

- (1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber.
- (2) Setup EUT and assistant system according clause 2.4 and 7.2
- (3) Test antenna was located 3m(except 18GHz-40GHz was 1m) from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used
9KHz-30MHz	Active Loop antenna
30MHz-1GHz	Bilog Broadband Antenna
1GHz-18GHz	Double Ridged Horn Antenna(1GHz-18GHz)
18GHz-40GHz	Horn Antenna(18GHz-40GHz)

According ANSI C63.10:2013 clause 6.4.4.2 and 6.5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical axis for maximum response at each azimuth position around the EUT. And the loop antenna also be positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. for measurement above 30MHz, the Trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

- (4) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9KHz to 25GHz:
 - (a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1m to 4m(Except loop antenna, it's fixed 1m above ground.)
 - (b) Change work frequency or channel of device if practicable.
 - (c) Change modulation type of device if practicable.
 - (d) new battery is used during testing
 - (e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Report No.: AAEMT/RF/240507-01-01

Spectrum frequency from 9KHz to 25GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 18GHz to 25GHz, so below final test was performed with frequency range from 9KHz to 18GHz.

- (5) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10 2013 on Radiated Emission test.
- (6) The emissions from 9KHz to 1GHz were measured based on CISPR QP detector except for the frequency bands 9-90KHz, 110-490KHz, for emissions from 9KHz-90KHz, 110KHz-490KHz and above 1GHz were measured based on average detector, for emissions above 1GHz, peak emissions also be measured and need comply with Peak limit.
- (7) The emissions from 9KHz to 1GHz, QP or average values were measured with EMI receiver with below RBW

Frequency band	RBW
9KHz-150KHz	200Hz
150KHz-30MHz	9KHz
30MHz-1GHz	120KHz

- (8) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1MHz, VBW is set at 3MHz for Peak measure; RBW is set at 1MHz, VBW is set at 10Hz for Average measure (according ANSI C63.10:2013 clause 4.2.3.2.3 procedure for average measure). Peak detector is used for Peak and AV measurement both.

According to KDB 789033 v02r01 section G) 1) (d), for For measurements above 1000 MHz @ 3m distance, the limit of field strength is computed as follows:

$$E[\text{dBuV/m}] = \text{EIRP}[\text{dBm}] + 95.2;$$

For example, if EIRP = -27dBm

$$E[\text{dBuV/m}] = -27 + 95.2 = 68.2\text{dBuV/m}.$$

8.4. Test result(Below 30MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	--	Test Result:	Pass
Test Mode:	Keeping TX mode	Tested By:	Aman

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	P
--	--	--	--	P

Note:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $20 \log (\text{specific distance/test distance})$ (dB);

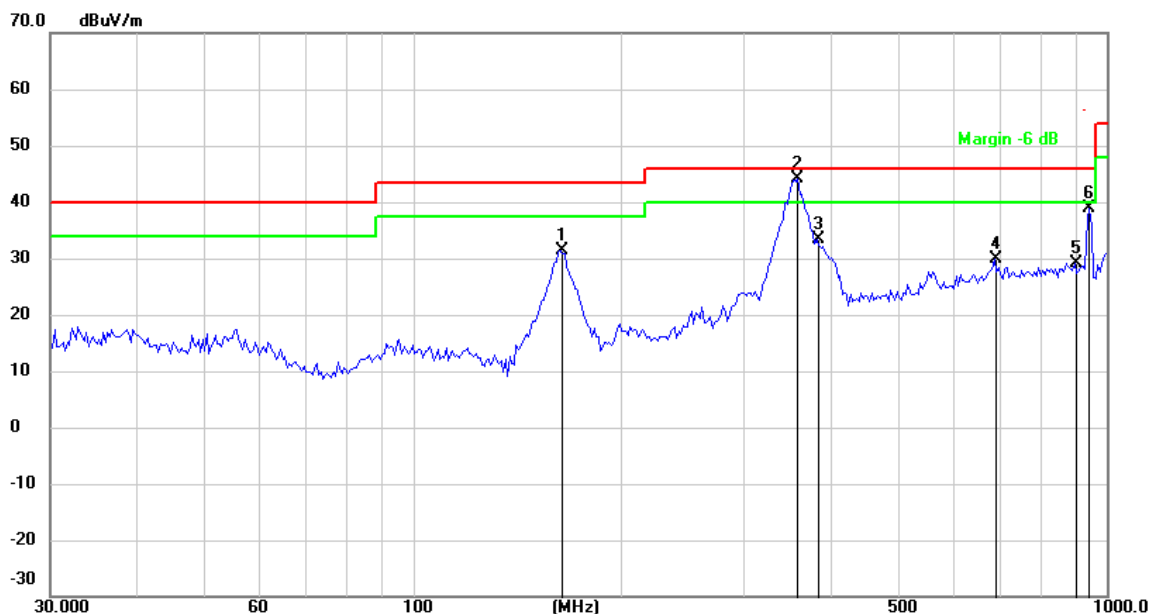
Limit line = specific limits(dBuV) + distance extrapolation factor.

Note: N/A

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 30M – 1000 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE) FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5180MHz		



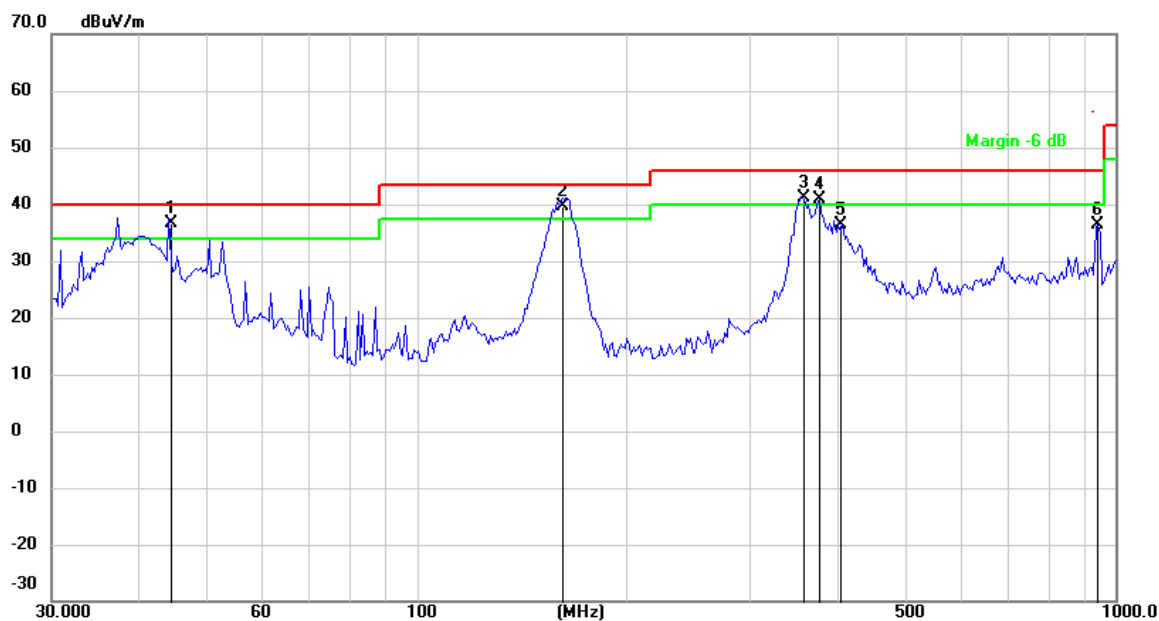
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	163.1623	-11.58	42.86	31.28	43.50	-12.22	QP
2	358.4497	-3.98	48.17	44.19	46.00	-1.81	QP
3	381.8520	-3.24	36.71	33.47	46.00	-12.53	QP
4	689.0510	1.88	27.89	29.77	46.00	-16.23	QP
5	899.9577	4.35	24.88	29.23	46.00	-16.77	QP
6	945.3336	3.57	35.28	38.85	46.00	-7.15	QP

The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5180MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	44.1544	-7.26	43.96	36.70	40.00	-3.30	QP
2	162.0197	-9.64	49.19	39.55	43.50	-3.95	QP
3	355.9397	-2.05	43.26	41.21	46.00	-4.79	QP
4	376.5227	-1.41	42.31	40.90	46.00	-5.10	QP
5	401.1050	-0.66	37.15	36.49	46.00	-9.51	QP
6	945.3336	5.57	30.73	36.30	46.00	-9.70	QP

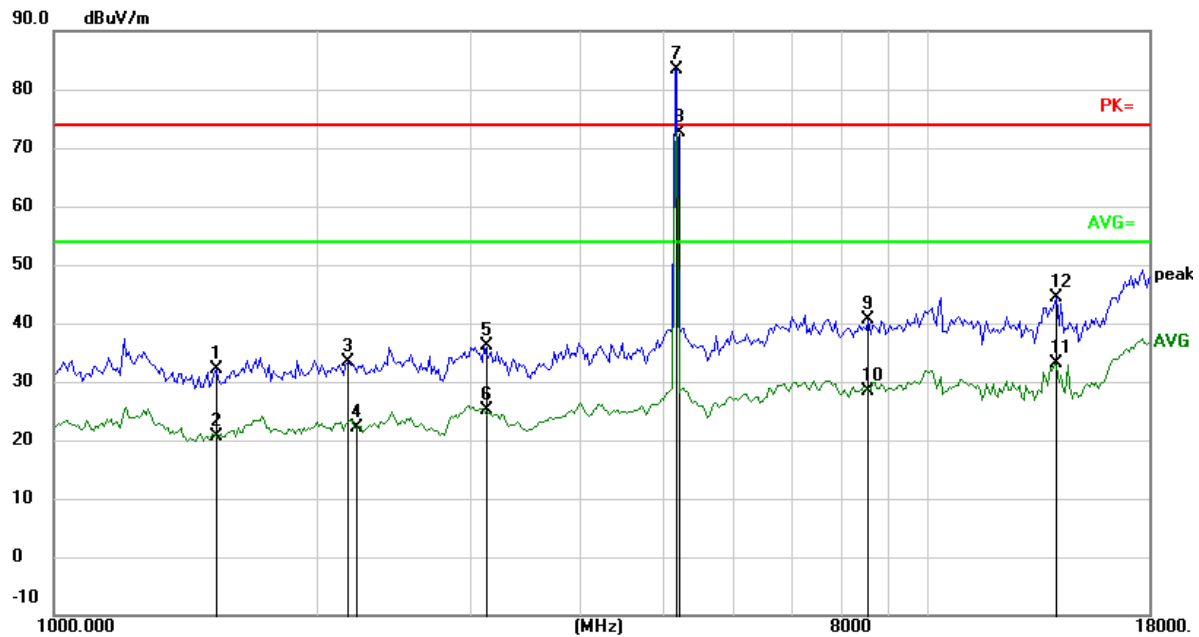
The test result is calculated as the following:

- (4) Result = Reading + Correct Factor
- (5) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (6) Margin = Result – Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 1000MHz – 18000 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5180MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1535.156	-15.82	47.94	32.12	74.00	-41.88	peak
2	1535.156	-15.82	36.50	20.68	54.00	-33.32	AVG
3	2173.137	-12.52	45.81	33.29	74.00	-40.71	peak
4	2224.075	-12.52	34.55	22.03	54.00	-31.97	AVG
5	3112.096	-9.89	46.08	36.19	74.00	-37.81	peak
6	3112.096	-9.89	35.09	25.20	54.00	-28.80	AVG
7	5180.000	-7.29	90.70	83.41	74.00	9.41	peak
8	5181.120	-7.30	80.04	72.74	54.00	18.74	AVG
9	8575.881	-4.84	45.35	40.51	74.00	-33.49	peak
10	8575.881	-4.84	33.31	28.47	54.00	-25.53	AVG
11	14031.456	4.28	28.77	33.05	54.00	-20.95	AVG
12	14112.966	3.70	40.61	44.31	74.00	-29.69	peak

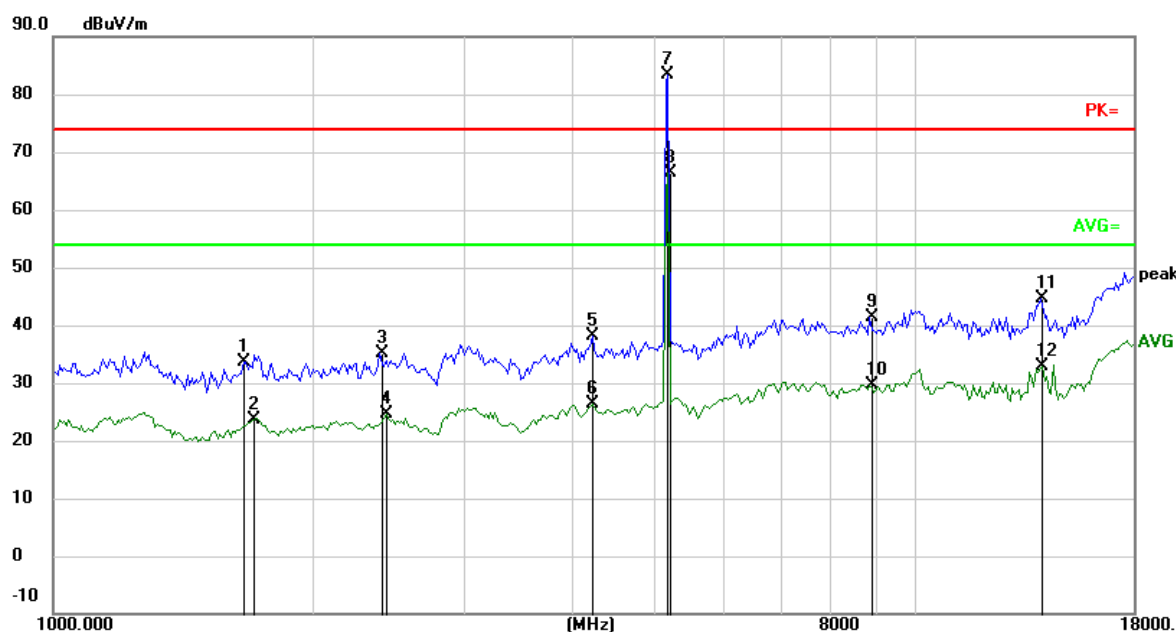
Note: Markers 7 & 8 are the intentional frequencies from EUT, Hence considered as pass.

The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5180MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1664.833	-13.88	47.48	33.60	74.00	-40.40	peak
2	1713.754	-13.33	36.93	23.60	54.00	-30.40	AVG
3	2398.016	-12.52	47.58	35.06	74.00	-38.94	peak
4	2440.050	-11.99	36.63	24.64	54.00	-29.36	AVG
5	4230.371	-7.85	46.02	38.17	74.00	-35.83	peak
6	4230.371	-7.85	34.15	26.30	54.00	-27.70	AVG
7	5180.120	-7.29	90.69	83.40	74.00	9.40	peak
8	5181.120	-7.30	73.59	66.29	54.00	12.29	AVG
9	8879.167	-4.43	45.87	41.44	74.00	-32.56	peak
10	8879.167	-4.43	33.99	29.56	54.00	-24.44	AVG
11	14031.456	4.28	40.38	44.66	74.00	-29.34	peak
12	14112.966	3.70	29.15	32.85	54.00	-21.15	AVG

Note: Markers 7 & 8 are the intentional frequencies from EUT, Hence considered as pass.

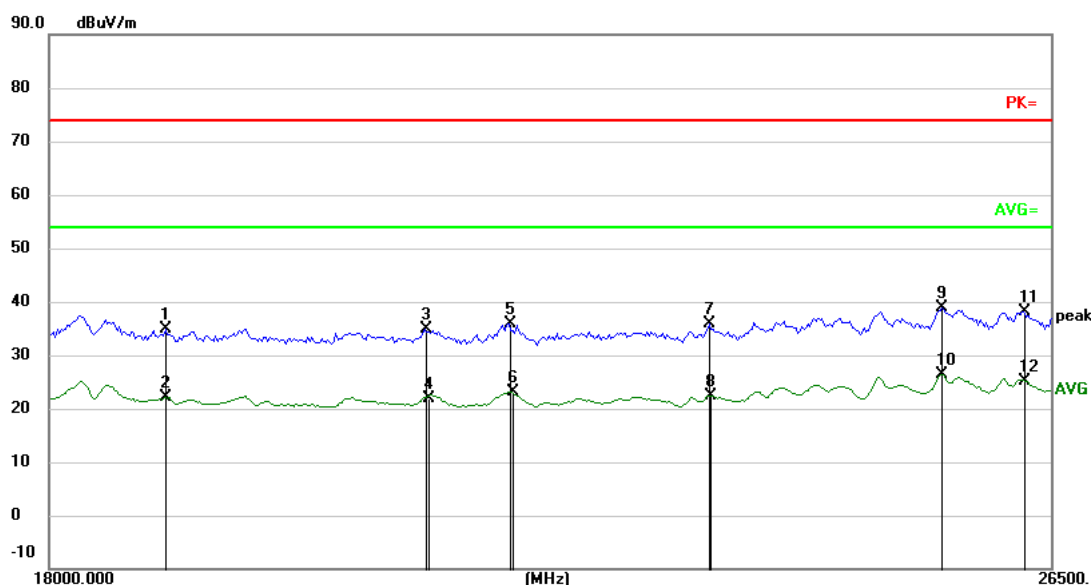
The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 18000MHz – 26500 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5180MHz		



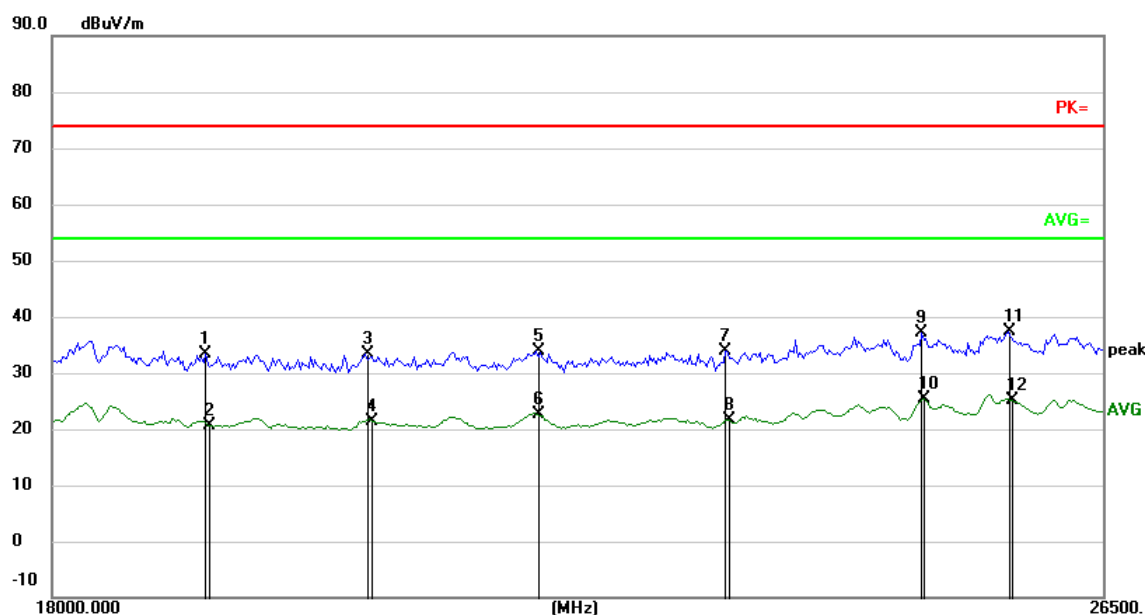
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18827.665	-15.73	50.52	34.79	74.00	-39.21	peak
2	18827.665	-15.73	37.84	22.11	54.00	-31.89	AVG
3	20807.526	-16.08	51.06	34.98	74.00	-39.02	peak
4	20823.660	-16.07	38.07	22.00	54.00	-32.00	AVG
5	21496.041	-15.53	51.38	35.85	74.00	-38.15	peak
6	21512.709	-15.51	38.52	23.01	54.00	-30.99	AVG
7	23228.463	-14.75	50.73	35.98	74.00	-38.02	peak
8	23246.474	-14.72	37.04	22.32	54.00	-31.68	AVG
9	25413.729	-13.57	52.49	38.92	74.00	-35.08	peak
10	25413.729	-13.57	40.05	26.48	54.00	-27.52	AVG
11	26213.994	-14.18	52.22	38.04	74.00	-35.96	peak
12	26234.320	-14.17	39.20	25.03	54.00	-28.97	AVG

The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5180MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	19047.841	-15.75	49.07	33.32	74.00	-40.68	peak
2	19062.611	-15.77	36.52	20.75	54.00	-33.25	AVG
3	20203.606	-16.67	50.02	33.35	74.00	-40.65	peak
4	20250.639	-16.58	38.06	21.48	54.00	-32.52	AVG
5	21512.709	-15.51	49.31	33.80	74.00	-40.20	peak
6	21512.709	-15.51	38.02	22.51	54.00	-31.49	AVG
7	23066.988	-14.96	48.79	33.83	74.00	-40.17	peak
8	23102.774	-14.92	36.58	21.66	54.00	-32.34	AVG
9	24791.143	-14.43	51.63	37.20	74.00	-36.80	peak
10	24810.366	-14.45	39.74	25.29	54.00	-28.71	AVG
11	25591.632	-13.55	50.86	37.31	74.00	-36.69	peak
12	25631.334	-13.62	38.67	25.05	54.00	-28.95	AVG

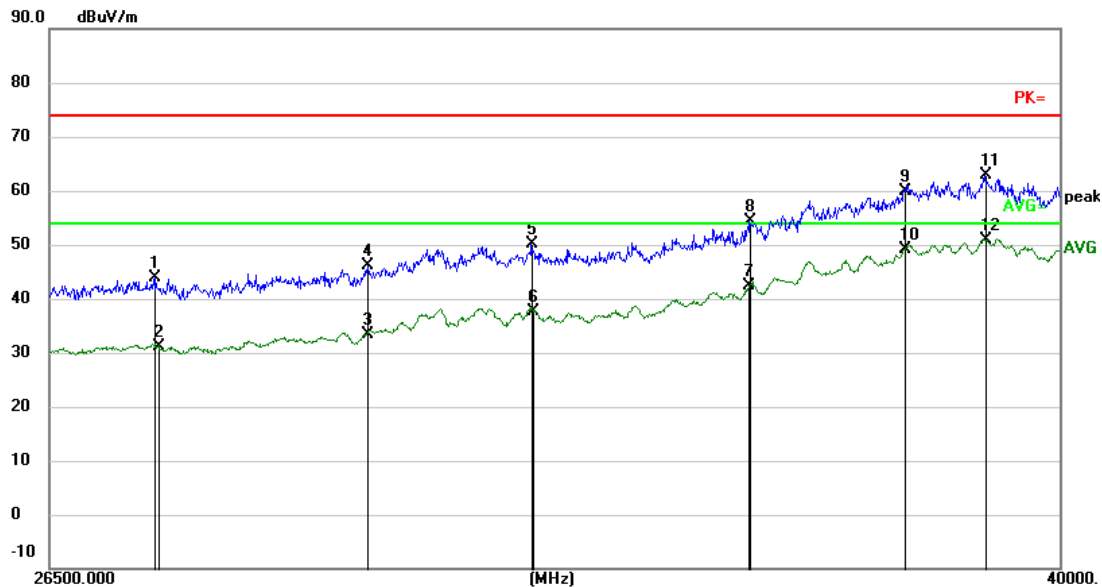
The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 26500MHz – 40000 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5180MHz		



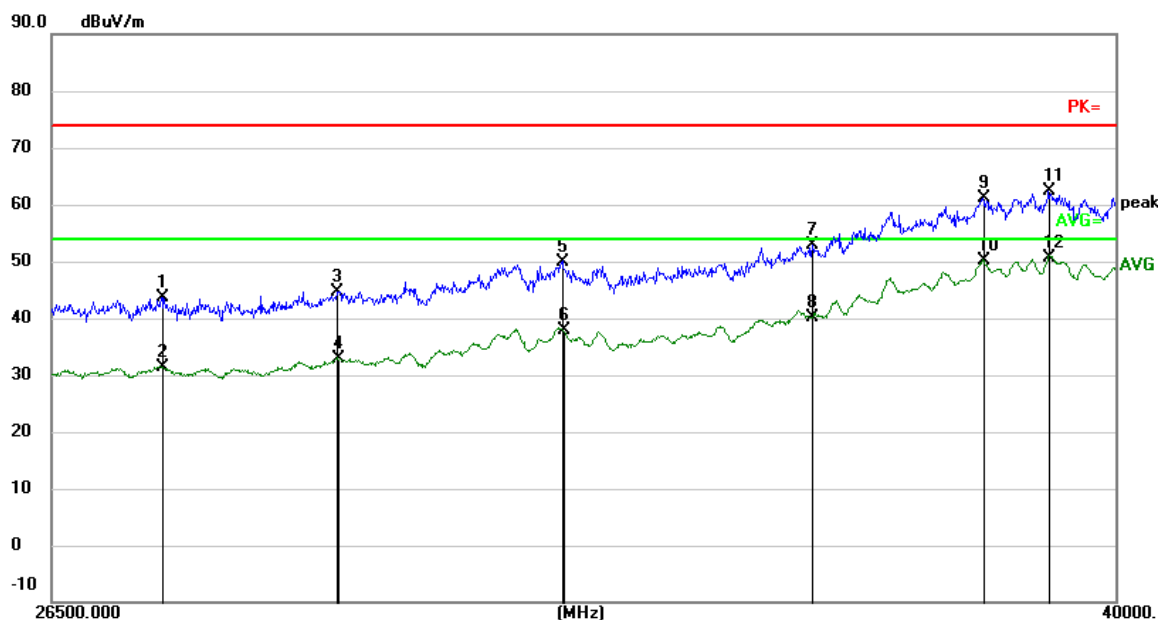
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27670.777	0.63	43.37	44.00	74.00	-30.00	peak
2	27693.573	0.64	30.57	31.21	54.00	-22.79	AVG
3	30157.373	1.30	32.18	33.48	54.00	-20.52	AVG
4	30169.792	1.31	44.85	46.16	74.00	-27.84	peak
5	32250.779	1.68	48.42	50.10	74.00	-23.90	peak
6	32277.347	1.70	35.99	37.69	54.00	-16.31	AVG
7	35235.890	2.15	40.32	42.47	54.00	-11.53	AVG
8	35250.401	2.15	52.16	54.31	74.00	-19.69	peak
9	37557.911	2.56	57.27	59.83	74.00	-14.17	peak
10	37557.911	2.56	46.66	49.22	54.00	-4.78	AVG
11	38799.645	2.76	60.03	62.79	74.00	-11.21	peak
12	38799.645	2.76	48.09	50.85	54.00	-3.15	AVG

The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5180MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27659.386	0.63	43.04	43.67	74.00	-30.33	peak
2	27670.777	0.63	30.76	31.39	54.00	-22.61	AVG
3	29591.573	1.16	43.52	44.68	74.00	-29.32	peak
4	29603.760	1.17	31.59	32.76	54.00	-21.24	AVG
5	32290.640	1.70	48.30	50.00	74.00	-24.00	peak
6	32303.938	1.70	36.27	37.97	54.00	-16.03	AVG
7	35571.155	2.22	50.72	52.94	74.00	-21.06	peak
8	35571.155	2.22	38.03	40.25	54.00	-13.75	AVG
9	37993.406	2.64	58.41	61.05	74.00	-12.95	peak
10	38009.052	2.64	47.47	50.11	54.00	-3.89	AVG
11	38975.770	2.79	59.47	62.26	74.00	-11.74	peak
12	38975.770	2.79	47.80	50.59	54.00	-3.41	AVG

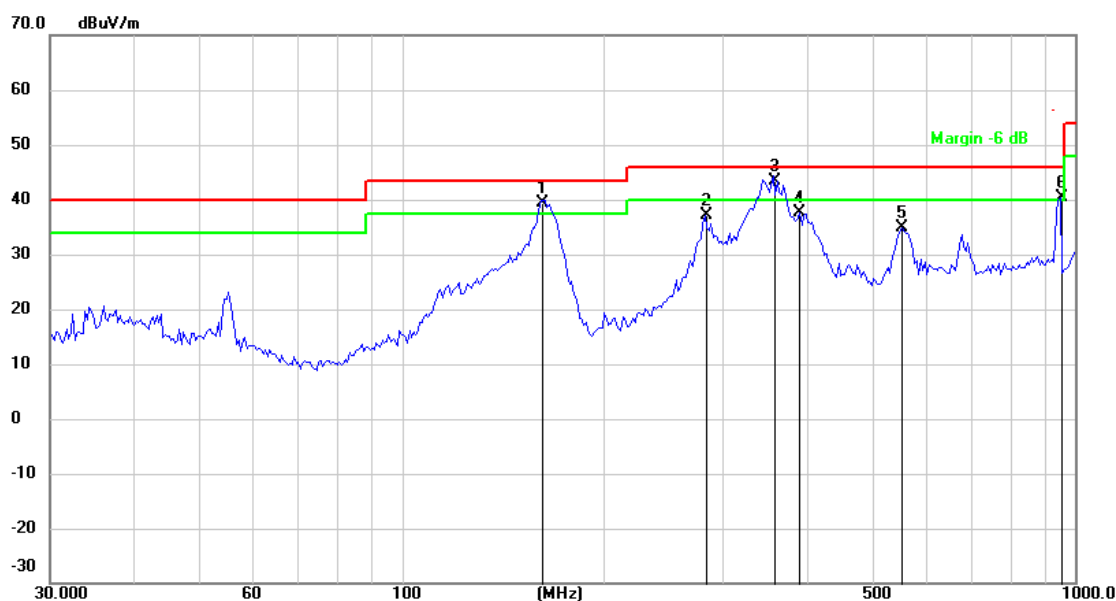
The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 30M – 1000 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE) FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5260MHz		



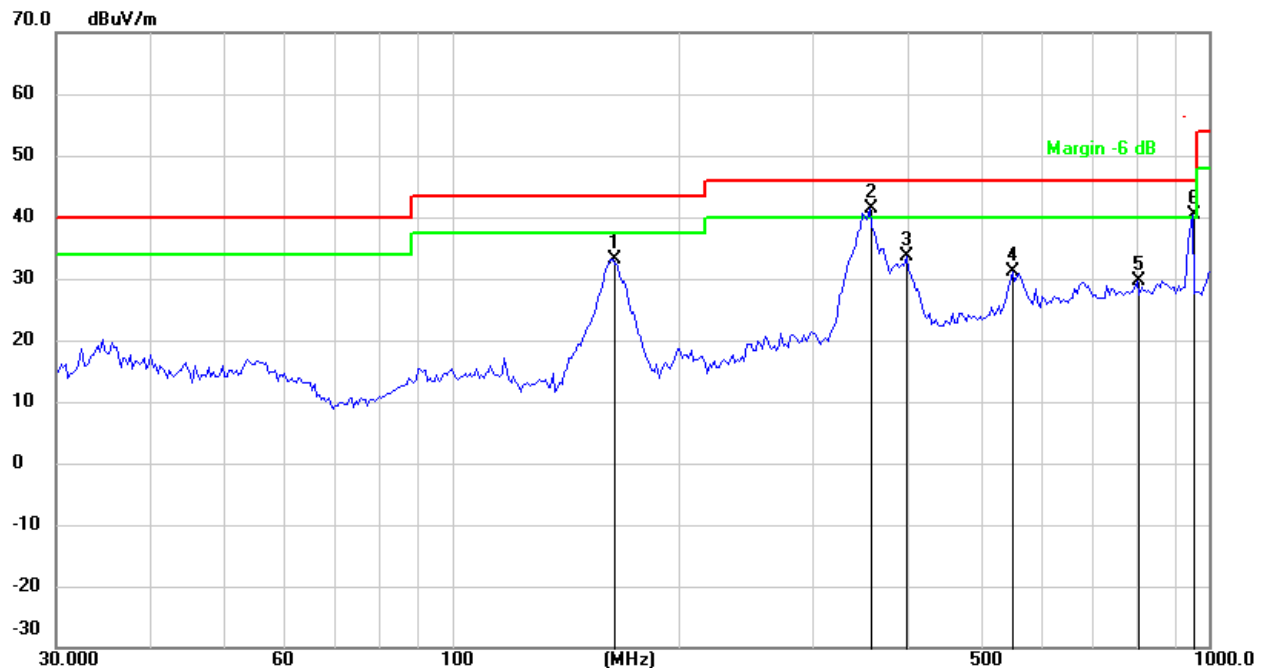
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	160.8852	-11.71	51.05	39.34	43.50	-4.16	QP
2	282.2702	-6.67	43.73	37.06	46.00	-8.94	QP
3	355.9397	-4.05	47.43	43.38	46.00	-2.62	QP
4	389.9874	-2.99	40.50	37.51	46.00	-8.49	QP
5	554.1708	0.00	34.81	34.81	46.00	-11.19	QP
6	952.0001	4.75	35.66	40.41	46.00	-5.59	QP

The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5260MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	163.1623	-11.58	44.63	33.05	43.50	-10.45	QP
2	355.9397	-4.05	45.31	41.26	46.00	-4.74	QP
3	398.2962	-2.74	36.32	33.58	46.00	-12.42	QP
4	550.2902	-0.04	31.23	31.19	46.00	-14.81	QP
5	804.2523	2.78	26.91	29.69	46.00	-16.31	QP
6	952.0001	4.75	35.68	40.43	46.00	-5.57	QP

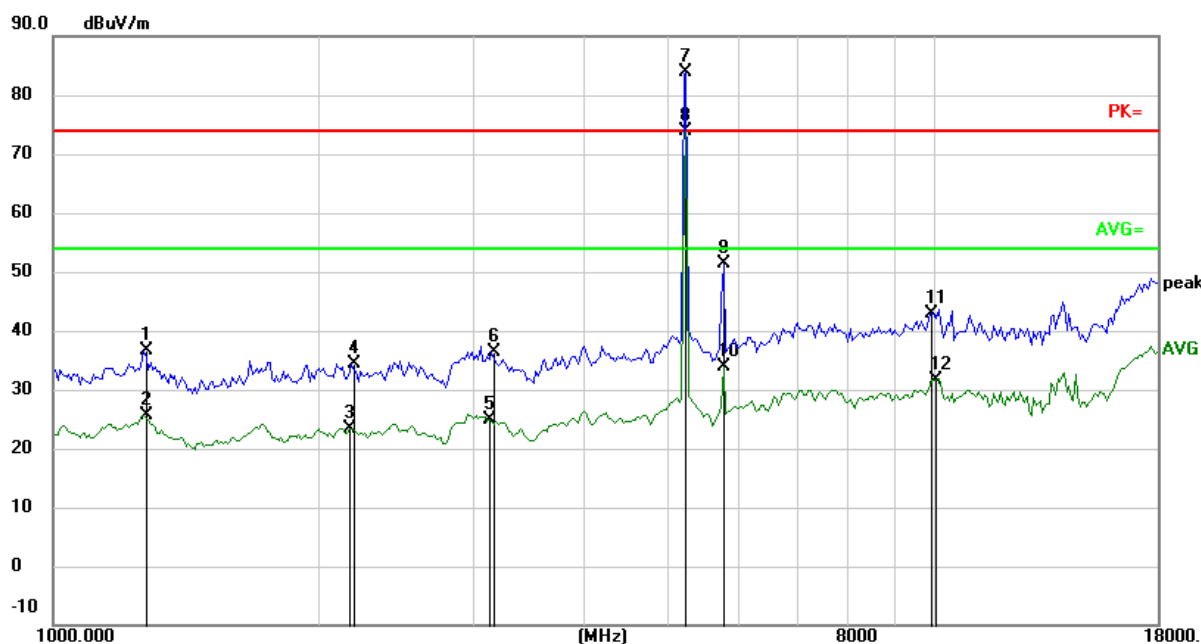
The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 1000MHz – 18000 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5260MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1268.057	-12.85	49.42	36.57	74.00	-37.43	peak
2	1268.057	-12.85	38.60	25.75	54.00	-28.25	AVG
3	2173.137	-12.52	35.93	23.41	54.00	-30.59	AVG
4	2185.762	-12.51	46.99	34.48	74.00	-39.52	peak
5	3130.174	-9.94	34.75	24.81	54.00	-29.19	AVG
6	3148.358	-9.99	46.29	36.30	74.00	-37.70	peak
7	5240.000	-6.94	90.76	83.82	74.00	9.82	peak
8	5241.490	-6.93	80.70	73.77	54.00	19.77	AVG
9	5783.884	-7.03	58.36	51.33	74.00	-22.67	peak
10	5783.884	-7.03	40.88	33.85	54.00	-20.15	AVG
11	9912.157	-2.48	45.24	42.76	74.00	-31.24	peak
12	10085.905	-1.78	33.46	31.68	54.00	-22.32	AVG

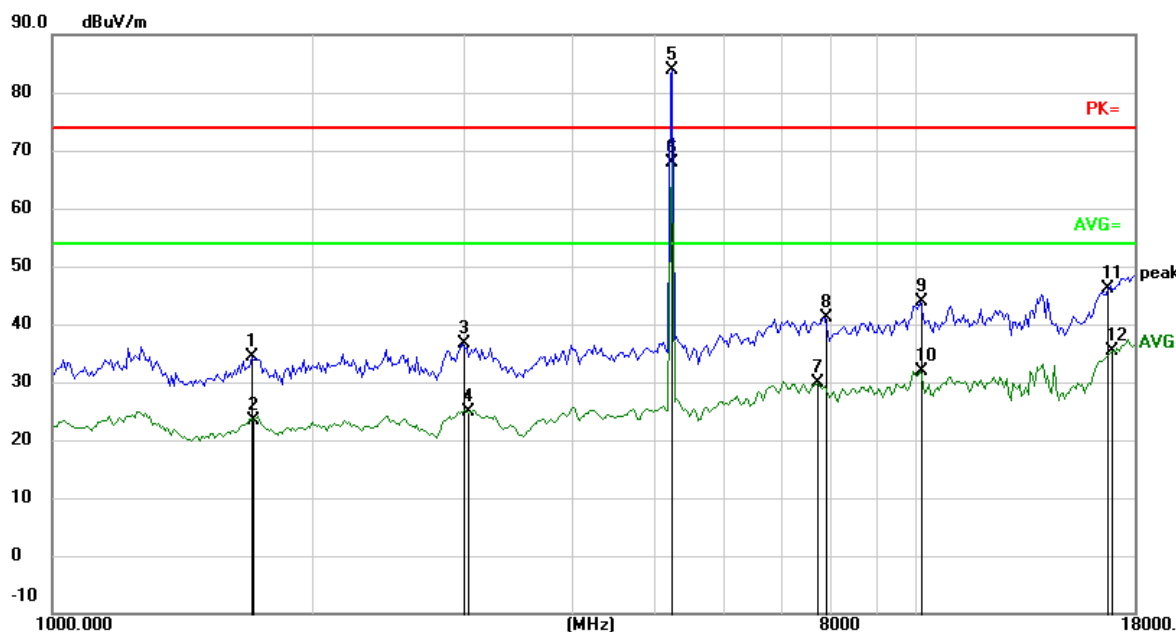
Note: Markers 7 & 8 are the intentional frequencies from EUT, Hence considered as pass.

The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5260MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1703.856	-13.27	47.62	34.35	74.00	-39.65	peak
2	1713.754	-13.33	36.80	23.47	54.00	-30.53	AVG
3	2988.436	-9.67	46.20	36.53	74.00	-37.47	peak
4	3023.257	-9.65	34.60	24.95	54.00	-29.05	AVG
5	5240.000	-6.94	90.75	83.81	74.00	9.81	peak
6	5241.490	-6.93	74.78	67.85	54.00	13.85	AVG
7	7726.777	-3.92	33.69	29.77	54.00	-24.23	AVG
8	7862.219	-4.18	45.29	41.11	74.00	-32.89	peak
9	10144.496	-1.88	45.77	43.89	74.00	-30.11	peak
10	10144.496	-1.88	33.80	31.92	54.00	-22.08	AVG
11	16791.349	3.82	42.24	46.06	74.00	-27.94	peak
12	16987.002	4.72	30.58	35.30	54.00	-18.70	AVG

Note: Marker 5 & 6 are the intentional frequencies from EUT, Hence considered as pass.

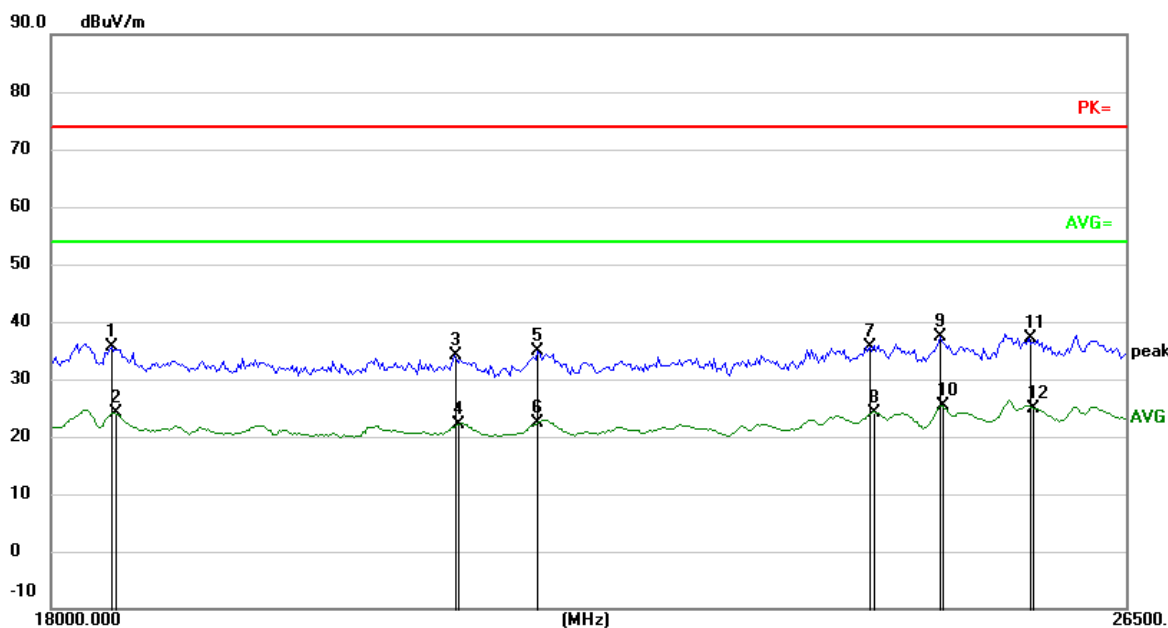
The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 18000MHz – 26500 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5260MHz		



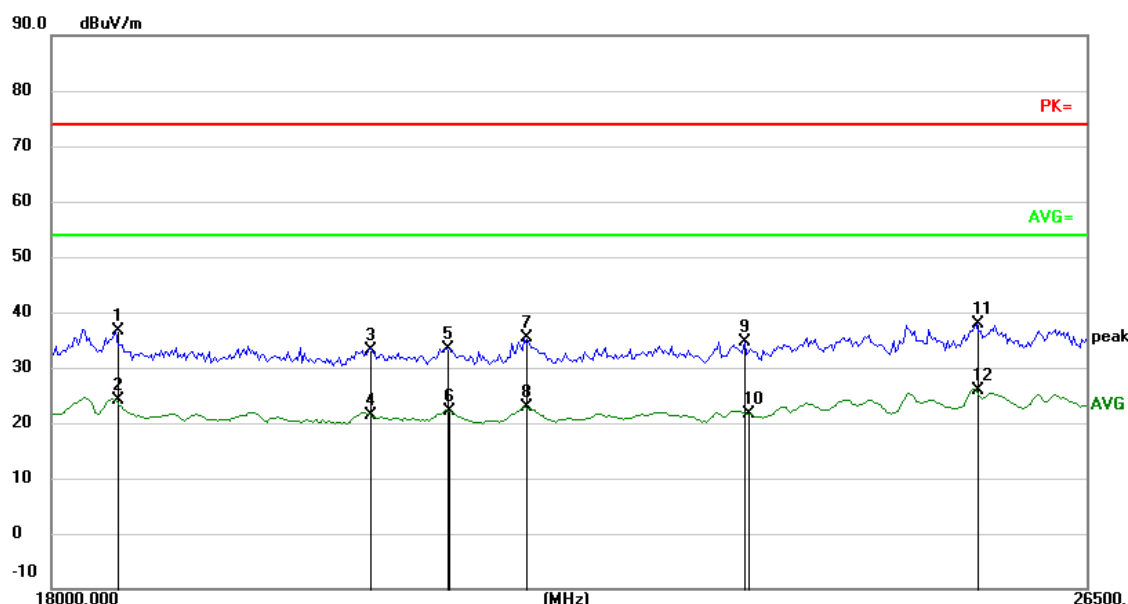
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18394.918	-15.70	51.25	35.55	74.00	-38.45	peak
2	18409.182	-15.71	39.92	24.21	54.00	-29.79	AVG
3	20807.526	-16.08	50.12	34.04	74.00	-39.96	peak
4	20839.806	-16.07	38.19	22.12	54.00	-31.88	AVG
5	21446.114	-15.58	50.51	34.93	74.00	-39.07	peak
6	21446.114	-15.58	38.08	22.50	54.00	-31.50	AVG
7	24165.072	-14.03	49.67	35.64	74.00	-38.36	peak
8	24183.810	-14.05	38.07	24.02	54.00	-29.98	AVG
9	24791.143	-14.43	51.86	37.43	74.00	-36.57	peak
10	24810.366	-14.45	39.74	25.29	54.00	-28.71	AVG
11	25591.632	-13.55	50.57	37.02	74.00	-36.98	peak
12	25631.334	-13.62	38.57	24.95	54.00	-29.05	AVG

The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5260MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18437.742	-15.74	52.44	36.70	74.00	-37.30	peak
2	18437.742	-15.74	39.78	24.04	54.00	-29.96	AVG
3	20266.342	-16.56	49.67	33.11	74.00	-40.89	peak
4	20282.056	-16.52	37.89	21.37	54.00	-32.63	AVG
5	20855.966	-16.07	49.54	33.47	74.00	-40.53	peak
6	20888.321	-16.07	38.14	22.07	54.00	-31.93	AVG
7	21479.386	-15.55	50.98	35.43	74.00	-38.57	peak
8	21479.386	-15.55	38.31	22.76	54.00	-31.24	AVG
9	23318.659	-14.63	49.29	34.66	74.00	-39.34	peak
10	23336.741	-14.60	36.16	21.56	54.00	-32.44	AVG
11	25433.435	-13.53	51.33	37.80	74.00	-36.20	peak
12	25433.435	-13.53	39.39	25.86	54.00	-28.14	AVG

The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 26500MHz – 40000 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5260MHz		



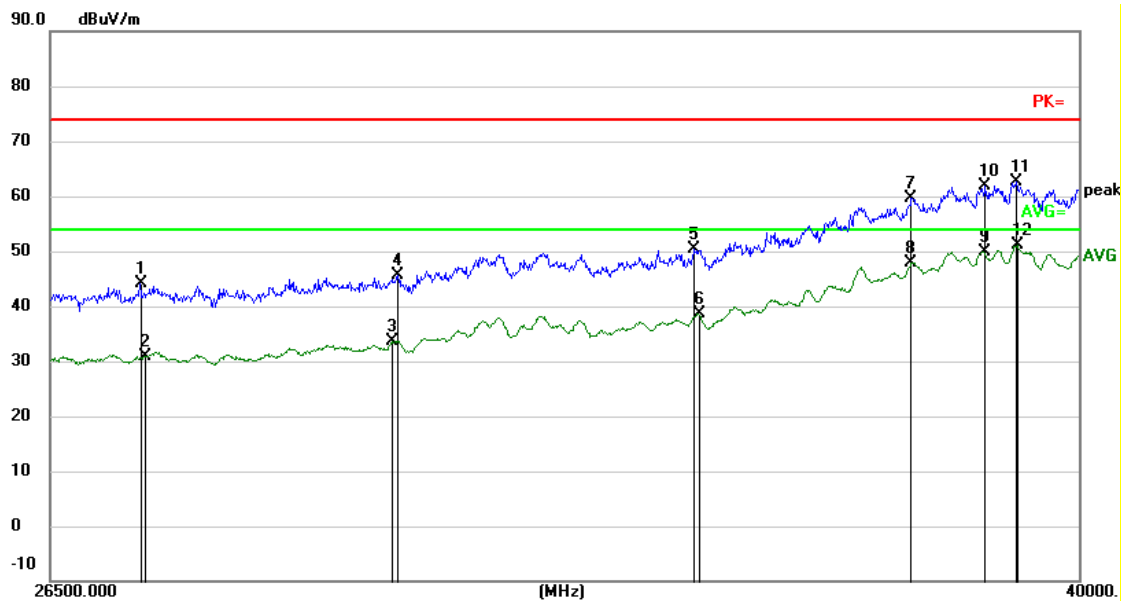
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27670.777	0.63	42.32	42.95	74.00	-31.05	peak
2	27693.573	0.64	30.33	30.97	54.00	-23.03	AVG
3	31167.261	1.49	33.51	35.00	54.00	-19.00	AVG
4	31180.096	1.49	44.50	45.99	74.00	-28.01	peak
5	32237.503	1.68	47.96	49.64	74.00	-24.36	peak
6	32277.347	1.70	35.96	37.66	54.00	-16.34	AVG
7	34860.698	2.09	48.68	50.77	74.00	-23.23	peak
8	34875.054	2.09	37.29	39.38	54.00	-14.62	AVG
9	36656.534	2.41	56.07	58.48	74.00	-15.52	peak
10	36732.076	2.43	42.64	45.07	54.00	-8.93	AVG
11	38056.030	2.64	57.95	60.59	74.00	-13.41	peak
12	38071.702	2.65	46.44	49.09	54.00	-4.91	AVG

The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5260MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	27466.461	0.59	43.48	44.07	74.00	-29.93	peak
2	27511.734	0.59	30.31	30.90	54.00	-23.10	AVG
3	30381.706	1.35	32.31	33.66	54.00	-20.34	AVG
4	30456.854	1.36	44.24	45.60	74.00	-28.40	peak
5	34291.265	2.01	48.38	50.39	74.00	-23.61	peak
6	34347.788	2.02	36.63	38.65	54.00	-15.35	AVG
7	37403.590	2.54	57.14	59.68	74.00	-14.32	peak
8	37403.590	2.54	45.35	47.89	54.00	-6.11	AVG
9	38497.301	2.72	47.25	49.97	54.00	-4.03	AVG
10	38529.015	2.72	59.26	61.98	74.00	-12.02	peak
11	39007.878	2.79	59.89	62.68	74.00	-11.32	peak
12	39023.943	2.79	48.23	51.02	54.00	-2.98	AVG

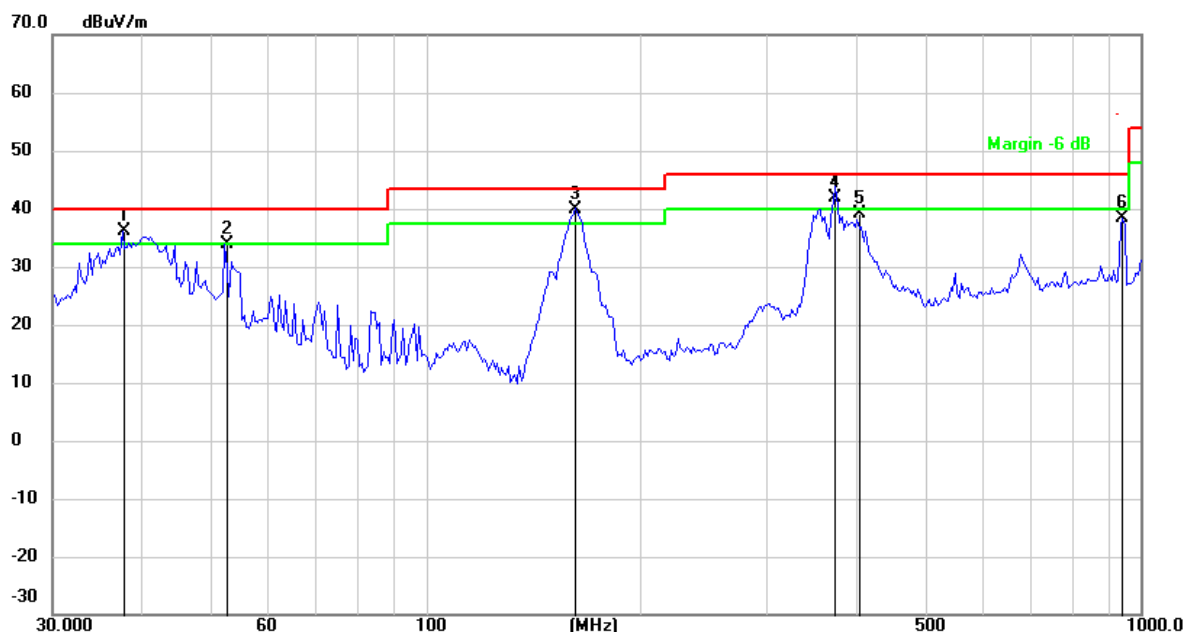
The test result is calculated as the following:

- (1) Result = Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (3) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 30M – 1000 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE) FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5500MHz		



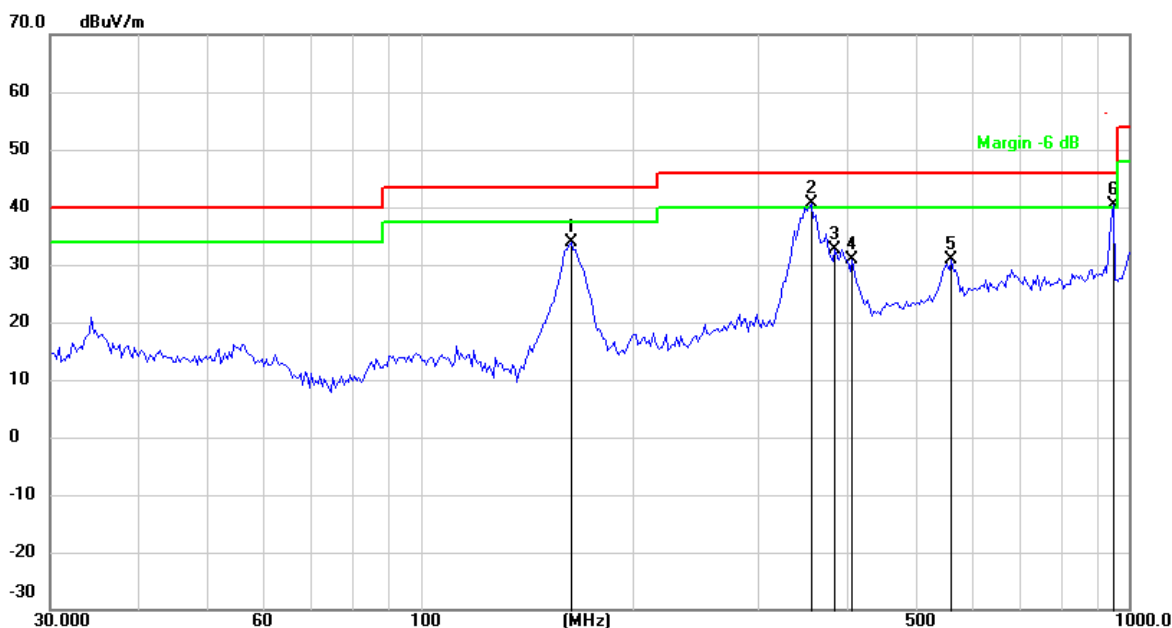
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	37.5648	-7.80	43.93	36.13	40.00	-3.87	QP
2	52.2659	-7.58	41.39	33.81	40.00	-6.19	QP
3	162.0197	-9.64	49.64	40.00	43.50	-3.50	QP
4	373.8861	-1.49	43.25	41.76	46.00	-4.24	QP
5	401.1050	-0.66	39.86	39.20	46.00	-6.80	QP
6	945.3336	5.57	32.81	38.38	46.00	-7.62	QP

The test result is calculated as the following:

- (4) Result = Reading + Correct Factor
- (5) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (6) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5500MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	163.1622	-11.58	45.36	33.78	43.50	-9.72	QP
2	355.9396	-4.05	44.57	40.52	46.00	-5.48	QP
3	384.5447	-3.16	35.89	32.73	46.00	-13.27	QP
4	406.7820	-2.52	33.48	30.96	46.00	-15.04	QP
5	562.0143	0.12	30.78	30.90	46.00	-15.10	QP
6	952.0000	4.75	35.52	40.27	46.00	-5.73	QP

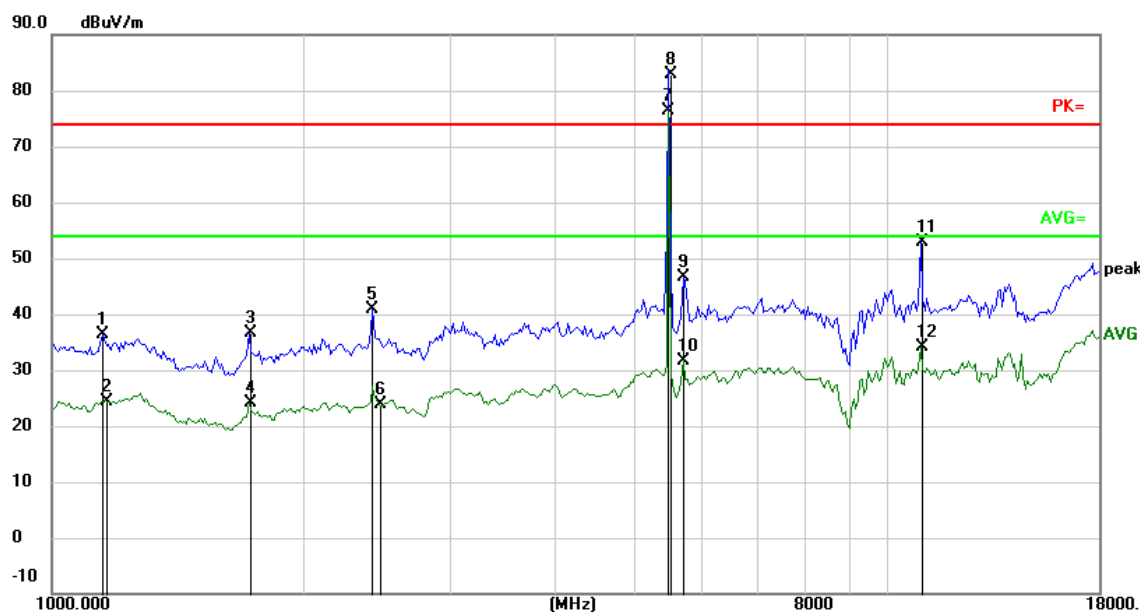
The test result is calculated as the following:

- (4) Result = Reading + Correct Factor
- (5) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
- (6) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 1000MHz – 18000 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5500MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1149.142	-14.08	50.50	36.42	74.00	-37.58	peak
2	1162.532	-13.83	38.17	24.34	54.00	-29.66	AVG
3	1723.710	-13.40	49.98	36.58	74.00	-37.42	peak
4	1723.710	-13.40	37.44	24.04	54.00	-29.96	AVG
5	2425.957	-12.17	53.16	40.99	74.00	-33.01	peak
6	2468.482	-11.62	35.55	23.93	54.00	-30.07	AVG
7	5490.089	-7.21	83.70	76.49	54.00	22.49	AVG
8	5500.000	-7.26	90.21	82.95	74.00	8.95	peak
9	5717.266	-7.03	53.66	46.63	74.00	-27.37	peak
10	5717.266	-7.03	38.78	31.75	54.00	-22.25	AVG
11	11001.415	-1.10	54.04	52.94	74.00	-21.06	peak
12	11001.415	-1.10	35.18	34.08	54.00	-19.92	AVG

Note: Markers 7 & 8 are the intentional frequencies from EUT, Hence considered as pass.

The test result is calculated as the following:

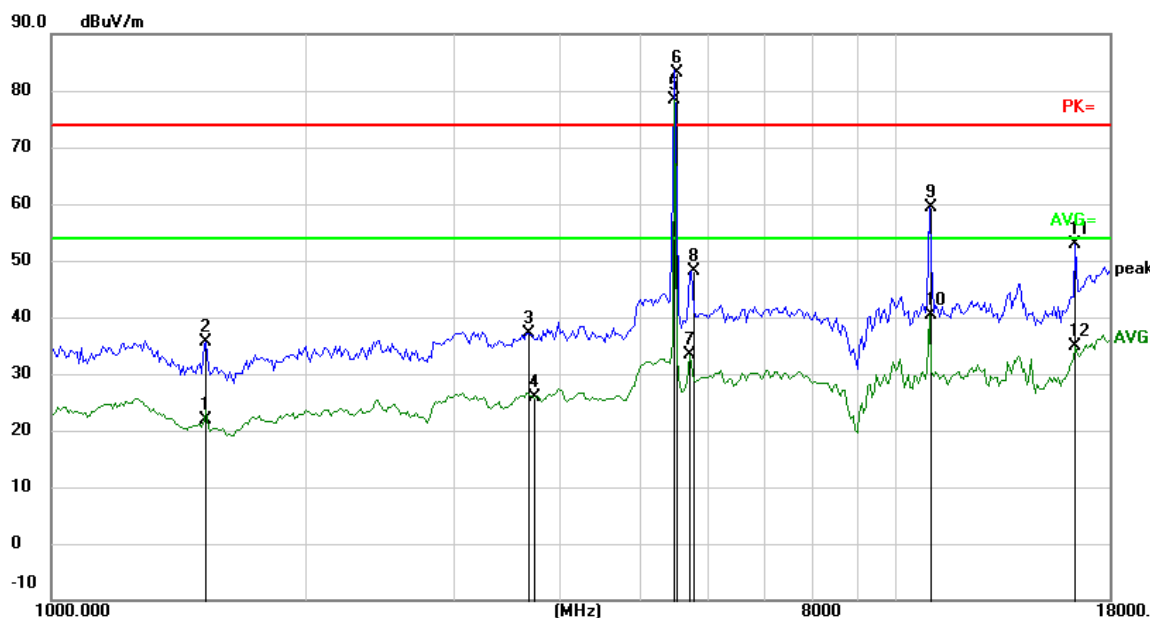
(4) Result = Reading + Correct Factor

(5) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

(6) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5500MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1517.475	-16.04	37.97	21.93	54.00	-32.07	AVG
2	1526.290	-15.93	51.57	35.64	74.00	-38.36	peak
3	3681.329	-8.54	45.78	37.24	74.00	-36.76	peak
4	3724.224	-8.64	34.44	25.80	54.00	-28.20	AVG
5	5490.089	-7.21	85.51	78.30	54.00	24.30	AVG
6	5500.000	-7.26	90.50	83.24	74.00	9.24	peak
7	5717.266	-7.03	40.45	33.42	54.00	-20.58	AVG
8	5750.479	-7.03	55.18	48.15	74.00	-25.85	peak
9	11001.415	-1.10	60.43	59.33	74.00	-14.67	peak
10	11001.415	-1.10	41.40	40.30	54.00	-13.70	AVG
11	16406.777	1.69	51.16	52.85	74.00	-21.15	peak
12	16406.777	1.69	33.24	34.93	54.00	-19.07	AVG

Note: Markers 5 & 6 are the intentional frequencies from EUT, Hence considered as pass.

The test result is calculated as the following:

(4) Result = Reading + Correct Factor

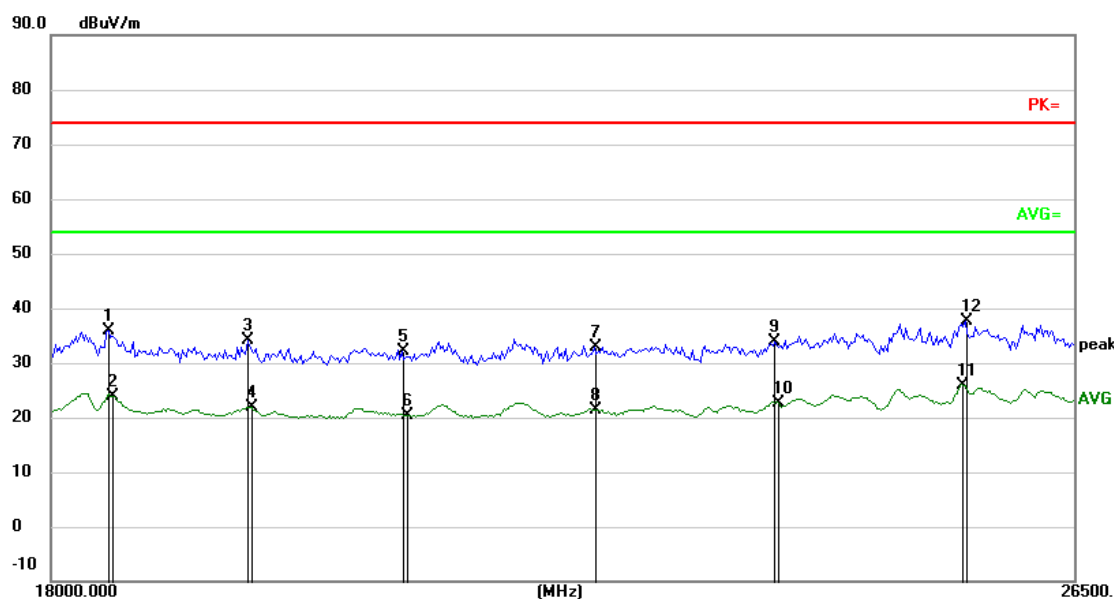
(5) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

(6) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

TEST RESULTS (Between 18000MHz – 26500 MHz)

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Vertical	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5500MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18394.918	-15.70	51.63	35.93	74.00	-38.07	peak
2	18409.182	-15.71	39.63	23.92	54.00	-30.08	AVG
3	19390.456	-16.11	50.22	34.11	74.00	-39.89	peak
4	19420.538	-16.14	38.02	21.88	54.00	-32.12	AVG
5	20551.074	-16.14	48.31	32.17	74.00	-41.83	peak
6	20582.957	-16.13	36.59	20.46	54.00	-33.54	AVG
7	22104.302	-14.98	47.84	32.86	74.00	-41.14	peak
8	22121.441	-14.98	36.38	21.40	54.00	-32.60	AVG
9	23664.610	-14.22	48.02	33.80	74.00	-40.20	peak
10	23701.323	-14.19	36.86	22.67	54.00	-31.33	AVG
11	25413.729	-13.57	39.43	25.86	54.00	-28.14	AVG
12	25433.435	-13.53	51.07	37.54	74.00	-36.46	peak

The test result is calculated as the following:

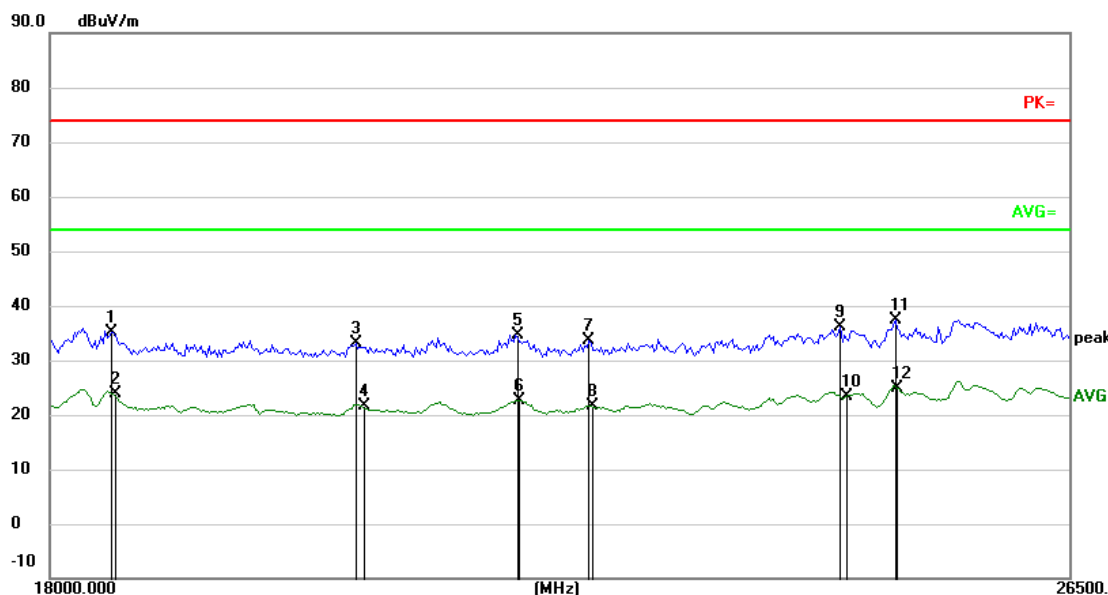
(4) Result = Reading + Correct Factor

(5) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

(6) Margin = Result - Limit

Report No.: AAEMT/RF/240507-01-01

EUT:	B6x	Model Name. :	B6x
Temperature:	25.4 °C	Relative Humidity:	53%
Distance:	3m	Test Power:	AC 110V/60Hz
Polarization:	Horizontal	Test Result:	Pass
Standard:	(RE)FCC PART 15E	Tested By:	Aman
Test Mode:	Keeping TX mode at 5500MHz		



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18423.456	-15.73	50.95	35.22	74.00	-38.78	peak
2	18437.742	-15.74	39.59	23.85	54.00	-30.15	AVG
3	20219.271	-16.64	49.79	33.15	74.00	-40.85	peak
4	20266.342	-16.56	38.07	21.51	54.00	-32.49	AVG
5	21479.386	-15.55	50.26	34.71	74.00	-39.29	peak
6	21496.041	-15.53	38.19	22.66	54.00	-31.34	AVG
7	22087.175	-14.99	48.67	33.68	74.00	-40.32	peak
8	22104.302	-14.98	36.51	21.53	54.00	-32.47	AVG
9	24296.540	-14.16	50.32	36.16	74.00	-37.84	peak
10	24353.102	-14.22	37.48	23.26	54.00	-30.74	AVG
11	24810.366	-14.45	51.78	37.33	74.00	-36.67	peak
12	24829.604	-14.45	39.44	24.99	54.00	-29.01	AVG

The test result is calculated as the following:

(4) Result = Reading + Correct Factor

(5) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator

(6) Margin = Result - Limit