



(Channel 165, 5825MHz, 802.11ax (HEW20), ANT1)



802.11ax (HEW20) RU26 Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5180	5.14	4.54	1.00	8.86	10.10	PASS
5220	5.08	5.12		9.11		
5240	5.33	5.21		9.28		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5745	7.02	7.79	1.00	11.43	29.10	PASS
5785	6.78	6.96		10.88		
5825	7.29	6.54		10.94		

Note: Directional gain = $3.89\text{dBi} + 10\log(2) = 6.90\text{dBi} > 6\text{dBi}$, so the limit shall be reduced to $11 - (6.90 - 6) = 10.10\text{dBm}$ for 5.18-5.24GHz, and reduced to $30 - (6.90 - 6) = 29.10\text{dBm}$ for 5.745-5.825GHz band.

B.Test Plot:



(Channel 36, 5180MHz, 802.11ax (HEW20) RU26, ANT1)



(Channel 44, 5220MHz, 802.11ax (HEW20) RU26, ANT1)



(Channel 48, 5240MHz, 802.11ax (HEW20) RU26, ANT1)



(Channel 149, 5745MHz, 802.11ax (HEW20) RU26, ANT1)



(Channel 157, 5785MHz, 802.11ax (HEW20) RU26, ANT1)



(Channel 165, 5825MHz, 802.11ax (HEW20) RU26, ANT1)



802.11ax (HEW20) RU52 Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5180	4.76	4.23	0.98	8.49	10.10	PASS
5220	4.83	4.84		8.83		
5240	4.91	5.09		8.99		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5745	10.03	10.75	0.98	14.40	29.10	PASS
5785	9.73	9.72		13.72		
5825	10.10	10.42		14.25		

Note: Directional gain = $3.89\text{dBi} + 10\log(2) = 6.90\text{dBi} > 6\text{dBi}$, so the limit shall be reduced to $11 - (6.90 - 6) = 10.10\text{dBm}$ for 5.18-5.24GHz, and reduced to $30 - (6.90 - 6) = 29.10\text{dBm}$ for 5.745-5.825GHz band.

B.Test Plot:



(Channel 36, 5180MHz, 802.11ax (HEW20) RU52, ANT1)



(Channel 44, 5220MHz, 802.11ax (HEW20) RU52, ANT1)



(Channel 48, 5240MHz, 802.11ax (HEW20) RU52, ANT1)



(Channel 149, 5745MHz, 802.11ax (HEW20) RU52, ANT1)



(Channel 157, 5785MHz, 802.11ax (HEW20) RU52, ANT1)



(Channel 165, 5825MHz, 802.11ax (HEW20) RU52, ANT1)



802.11ax (HEW20) RU106 Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5180	4.06	4.15	1.77	8.89	10.10	PASS
5220	4.05	4.78		9.21		
5240	4.08	4.84		9.26		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5745	7.13	7.62	1.77	12.16	29.10	PASS
5785	7.21	6.54		11.67		
5825	7.25	6.40		11.63		

Note: Directional gain = 3.89dBi + 10log(2) = 6.90dBi > 6dBi, so the limit shall be reduced to 11-(6.90-6) = 10.10dBm for 5.18-5.24GHz, and reduced to 30-(6.90-6) = 29.10dBm for 5.745-5.825GHz band.

B.Test Plot:



(Channel 36, 5180MHz, 802.11ax (HEW20) RU106, ANT1)



(Channel 44, 5220MHz, 802.11ax (HEW20) RU106, ANT1)



(Channel 48, 5240MHz, 802.11ax (HEW20) RU106, ANT1)



(Channel 149, 5745MHz, 802.11ax (HEW20) RU106, ANT1)



(Channel 157, 5785MHz, 802.11ax (HEW20) RU106, ANT1)



(Channel 165, 5825MHz, 802.11ax (HEW20) RU106, ANT1)



802.11ax (HEW40) Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5190	1.19	0.07	5.29	8.97	10.10	PASS
5230	1.39	0.63		9.33		
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5755	-4.01	-3.89	5.29	4.35	29.10	PASS
5795	-3.82	-4.57		4.12		

Note: Directional gain = $3.89\text{dBi} + 10\log(2) = 6.90\text{dBi} > 6\text{dBi}$, so the limit shall be reduced to $11 - (6.90 - 6) = 10.10\text{dBm}$ for 5.18-5.24GHz, and reduced to $30 - (6.90 - 6) = 29.10\text{dBm}$ for 5.745-5.825GHz band.

B.Test Plot:



(Channel 38, 5190MHz, 802.11ax (HEW40), ANT1)



(Channel 46, 5230MHz, 802.11ax (HEW40), ANT1)



(Channel 151, 5755MHz, 802.11ax (HEW40), ANT1)



(Channel 159, 5795MHz, 802.11ax (HEW40), ANT1)



802.11ax (HEW80) Mode

A.Test Verdict:

Frequency (MHz)	Measured PPSD (dBm/MHz)		Duty Factor	Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
	ANT0	ANT1				
5210	-2.78	-3.61	7.40	7.24	10.10	PASS
Frequency (MHz)	Measured PPSD (dBm/500KHz)		Duty Factor	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
	ANT0	ANT1				
5775	-8.38	-9.54	7.40	1.49	29.10	PASS

Note: Directional gain = 3.89dBi + 10log(2) = 6.90dBi > 6dBi, so the limit shall be reduced to 11-(6.90-6) = 10.10dBm for 5.18-5.24GHz, and reduced to 30-(6.90-6) = 29.10dBm for 5.745-5.825GHz band.

B.Test Plot:



(Channel 42, 5210MHz, 802.11ax (HEW80), ANT1)



(Channel 155, 5775MHz, 802.11ax (HEW80), ANT1)



2.6. Frequency Stability

2.6.1. Requirement

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

2.6.2. Test Procedure

The EUT was placed inside of an environmental chamber as the temperature in the chamber was varied between 5°C to 40°C. The temperature was incremented by 10° intervals and the unit was allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded. Data for the worst case channel is shown below.

2.6.3. Test Result

U-NII-1 (Ch. 36) 5180MHz				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	5.00	+20(Ref)	21	4.054
100%		-30	32	6.178
100%		-20	27	5.212
100%		-10	28	5.405
100%		0	25	4.826
100%		+10	23	4.440
100%		+20	21	4.054
100%		+30	25	4.826
100%		+40	26	5.019
100%		+50	22	4.247
115%	5.75	+20	27	5.212
85%	4.25	+20	31	5.985



U-NII-3 (Ch. 149) 5745MHz				
VOLTAGE (%)	POWER (VDC)	TEMP (°C)	Fre. Dev. (kHz)	Deviation (ppm)
100%	5.00	+20(Ref)	23	4.003
100%		-30	27	4.700
100%		-20	22	3.829
100%		-10	23	4.003
100%		0	29	5.048
100%		+10	27	4.700
100%		+20	25	4.352
100%		+30	28	4.874
100%		+40	26	4.526
100%		+50	23	4.003
115%	5.75	+20	30	5.222
85%	4.25	+20	28	4.874

2.7. Conducted Emission

2.7.1. Requirement

According to FCC section 15.207, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

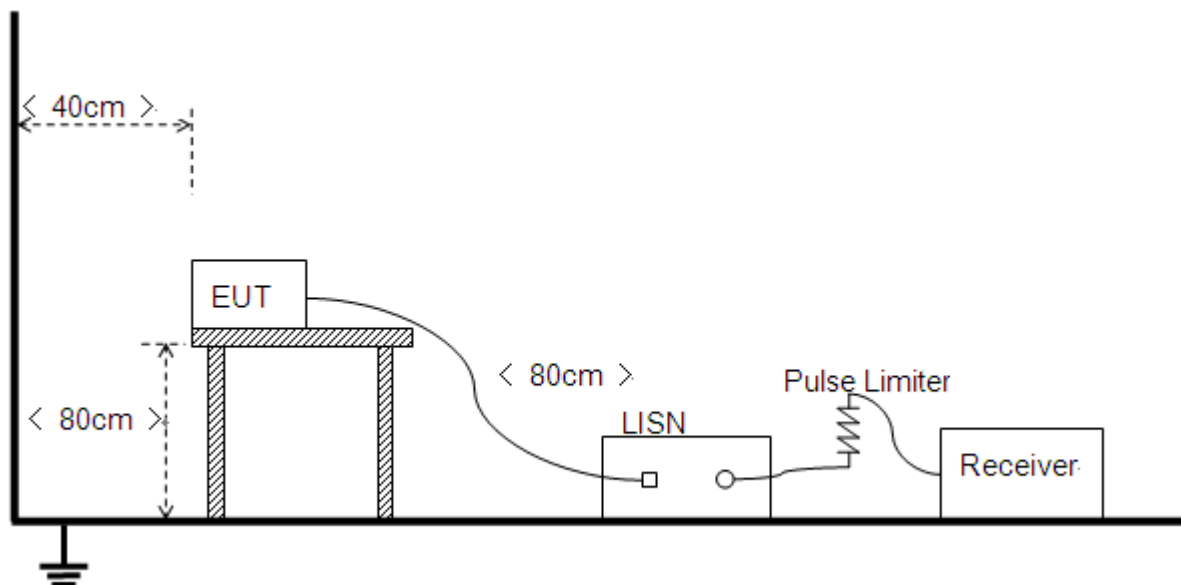
Frequency Range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

Note:

- (a) The lower limit shall apply at the band edges.
- (b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

2.7.2. Test Description

Test Setup:



The Table-top EUT was placed upon a non-metallic table 0.8m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10: 2013.



2.7.3. Test Result

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and Plot below.

Note: Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

A. Test Setup:

Test Mode: EUT + ADAPTER + USB CABLE + WIFI TX

Test Voltage: AC 120V/60Hz

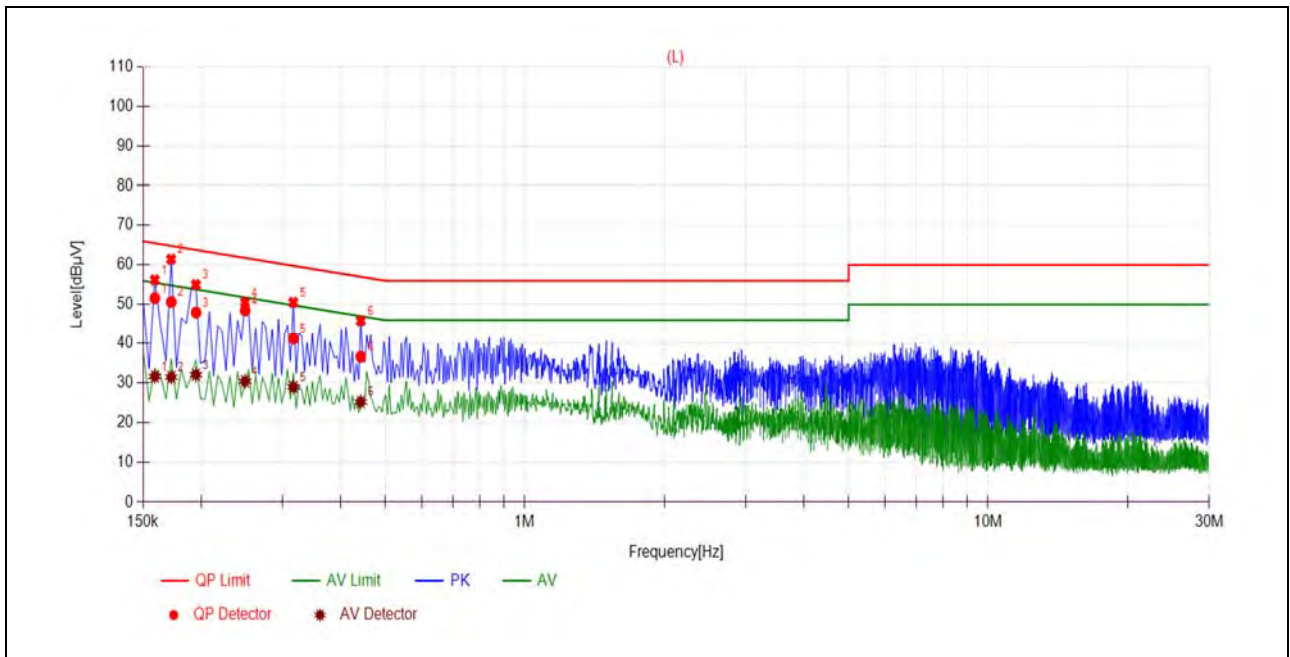
The measurement results are obtained as below:

$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss}} \text{ [dB]} + A_{\text{Factor}}$$

U_R : Receiver Reading

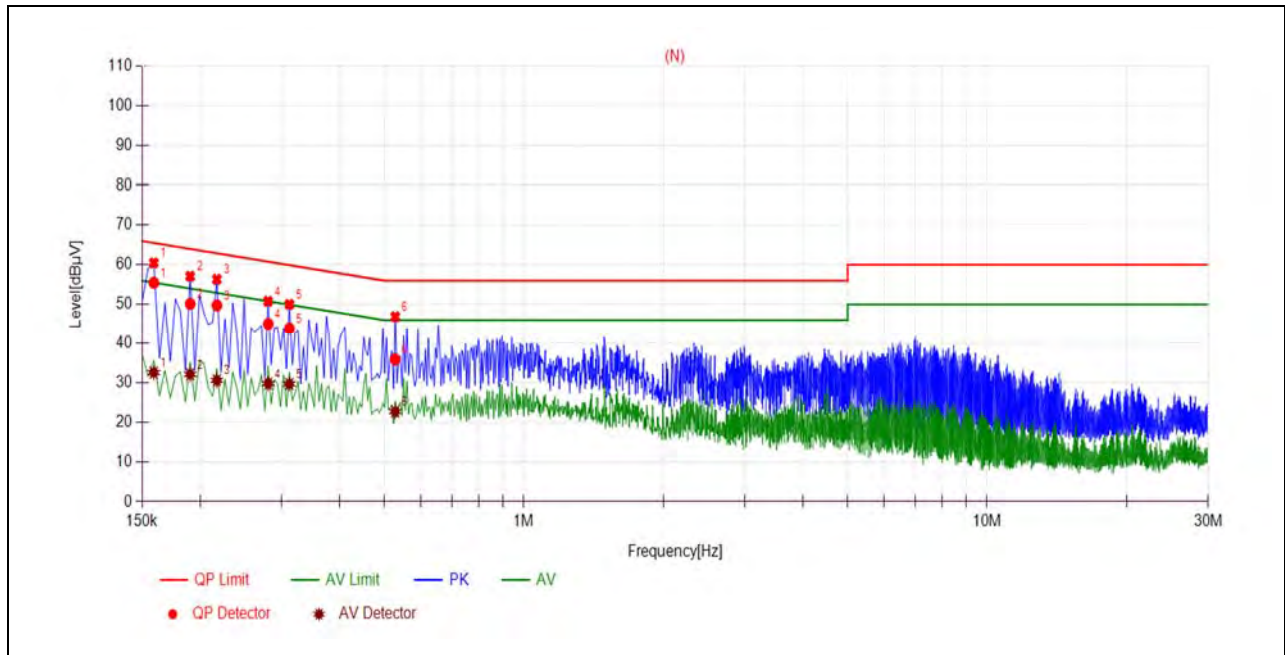
A_{Factor} : Voltage division factor of LISN

B.Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1590	51.61	31.58	65.52	55.52	Line	PASS
2	0.1726	50.65	31.40	64.84	54.84		PASS
3	0.1951	47.98	32.02	63.82	53.82		PASS
4	0.2490	48.50	30.36	61.79	51.79		PASS
5	0.3167	41.21	28.94	59.79	49.79		PASS
6	0.4423	36.55	25.16	57.02	47.02		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1590	55.46	32.52	65.52	55.52	Neutral	PASS
2	0.1905	50.14	32.09	64.01	54.01		PASS
3	0.2175	49.76	30.57	62.91	52.91		PASS
4	0.2808	45.04	29.77	60.79	50.79		PASS
5	0.3119	43.89	29.65	59.92	49.92		PASS
6	0.5276	35.89	22.67	56.00	46.00		PASS

2.8. Restricted Frequency Bands

2.8.1. Requirement

The peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15–5.25 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
- (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 -27dBm/MHz.
- (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 -27dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band:
 - (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \mu\text{V/m}$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

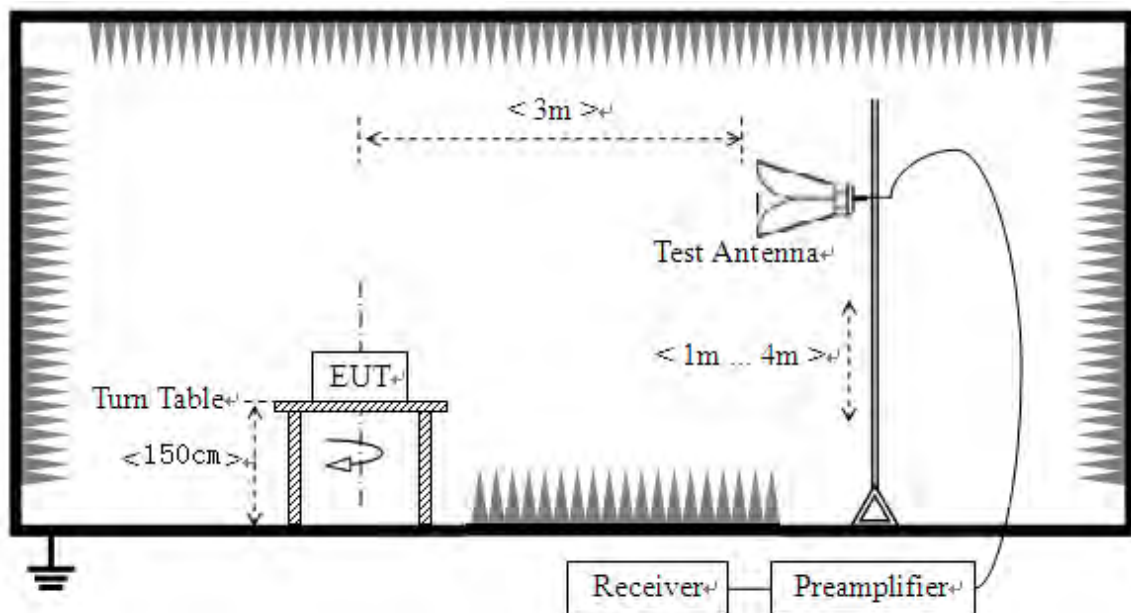
Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	$2400/F(\text{kHz})$	300
0.490 - 1.705	$24000/F(\text{kHz})$	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

2.8.2. Test Description

Test Setup





The EUT is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.

KDB 789033 Section H) 3)5)6(d)) was used in order to prove compliance

For the Test Antenna:

Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength.

2.8.3. Test Result

The lowest and highest channels are tested to verify Restricted Frequency Bands.

The measurement results are obtained as below:

$E [dB\mu V/m] = U_R + A_T + A_{Factor} [dB]$; $A_T = L_{Cable\ loss} [dB] - G_{preamp} [dB]$

A_T : Total correction Factor except Antenna; U_R : Receiver Reading

G_{preamp} : Preamplifier Gain; A_{Factor} : Antenna Factor at 3m

Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.

Note 2 All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

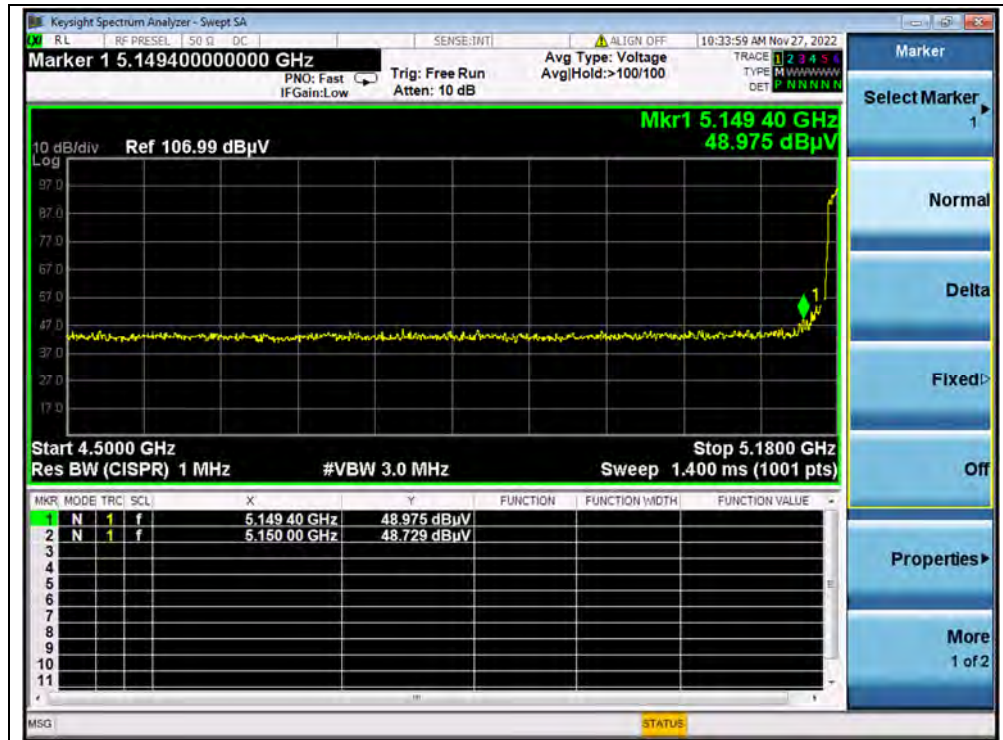
802.11a Mode

A.Test Verdict:

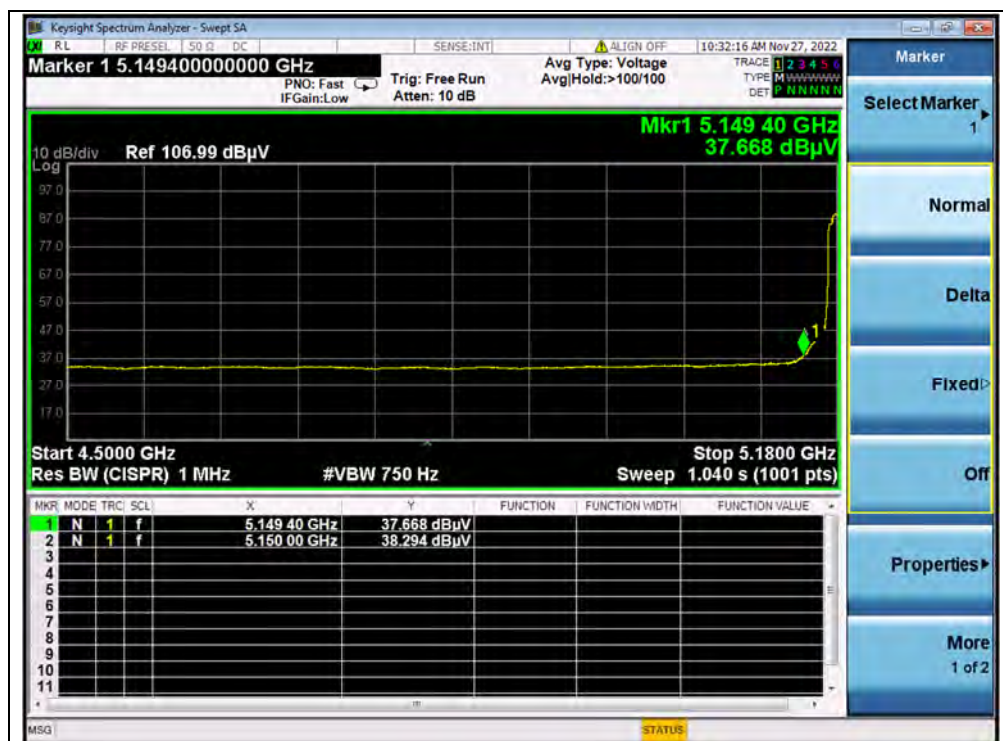
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
36	5149.40	PK	48.98	-19.54	32.20	61.64	74	PASS
36	5150.00	AV	38.29	-19.54	32.20	50.95	54	PASS
48	5408.52	PK	43.19	-19.54	32.20	55.85	74	PASS
48	5350.00	AV	32.68	-19.54	32.20	45.34	54	PASS
149	5725.00	PK	50.83	-19.01	32.20	64.02	122.23	PASS
165	5855.00	PK	45.57	-19.01	32.20	58.76	110.83	PASS



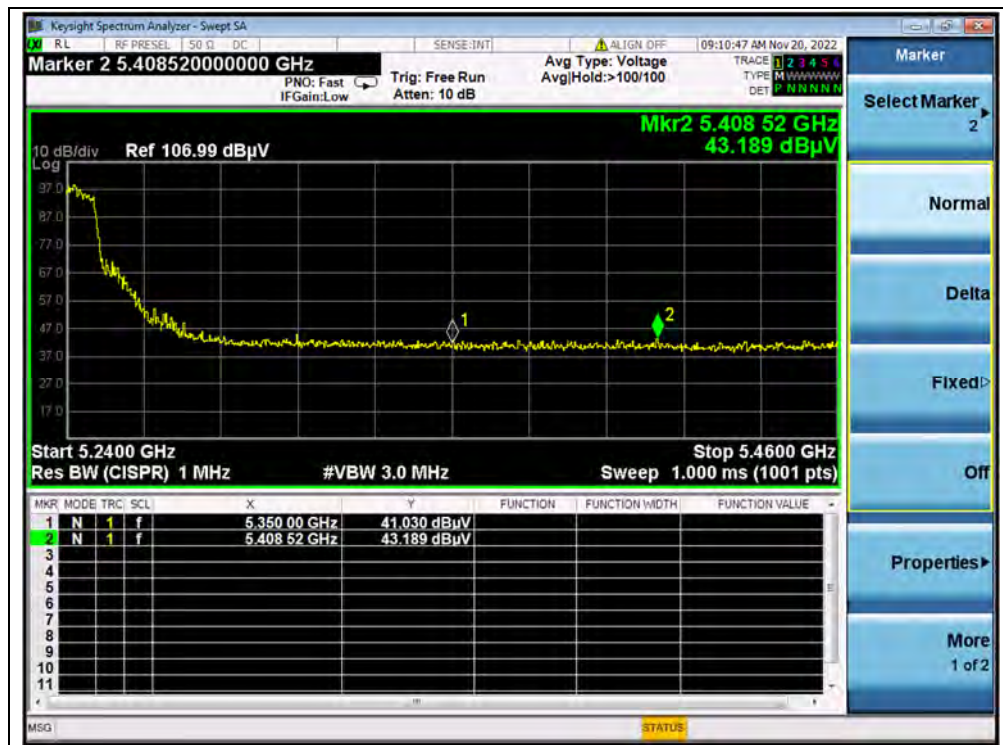
B.Test Plot:



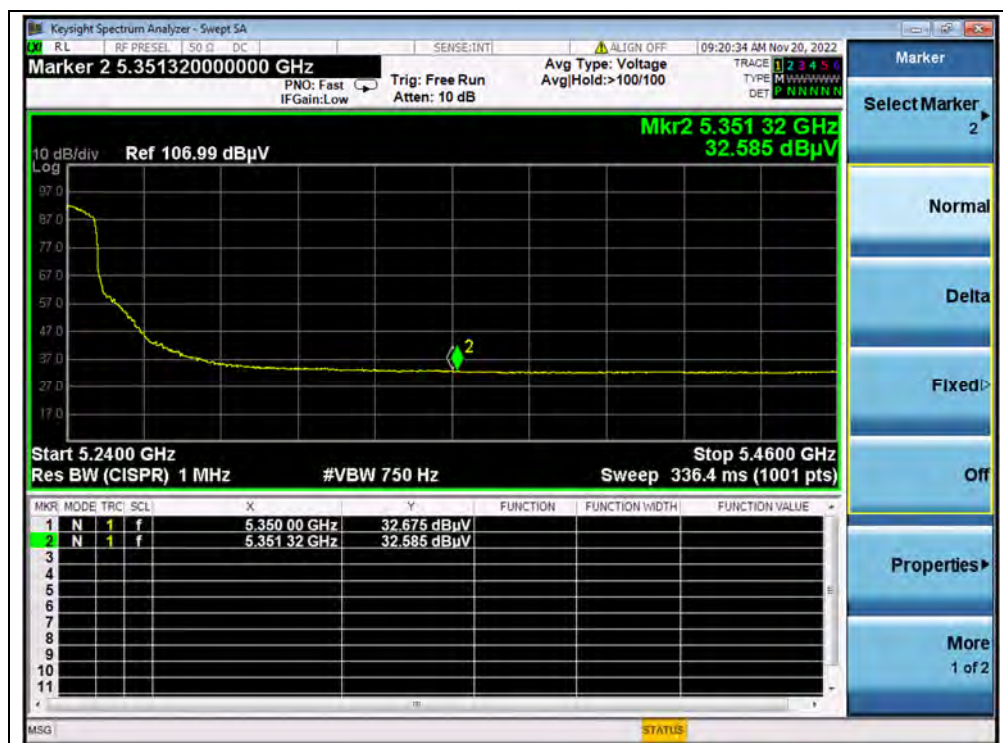
(PEAK, Channel 36, 802.11a)



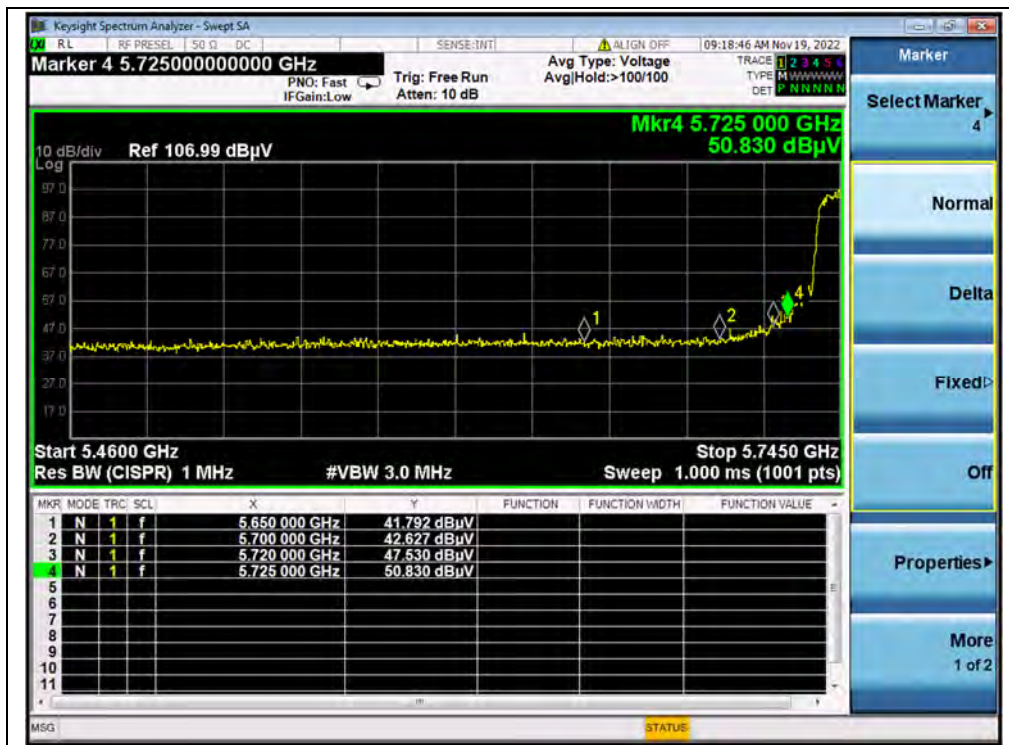
(AVERAGE, Channel 36, 802.11a)



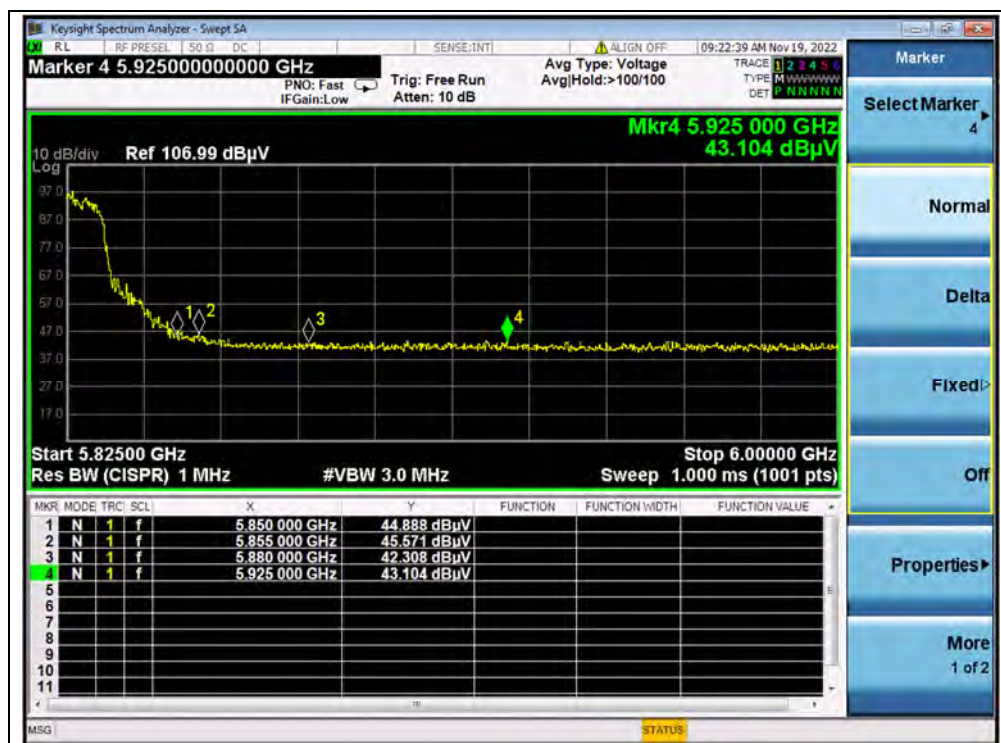
(PEAK, Channel 48, 802.11a)



(AVERAGE, Channel 48, 802.11a)



(PEAK, Channel 149, 802.11a)



(PEAK, Channel 165, 802.11a)

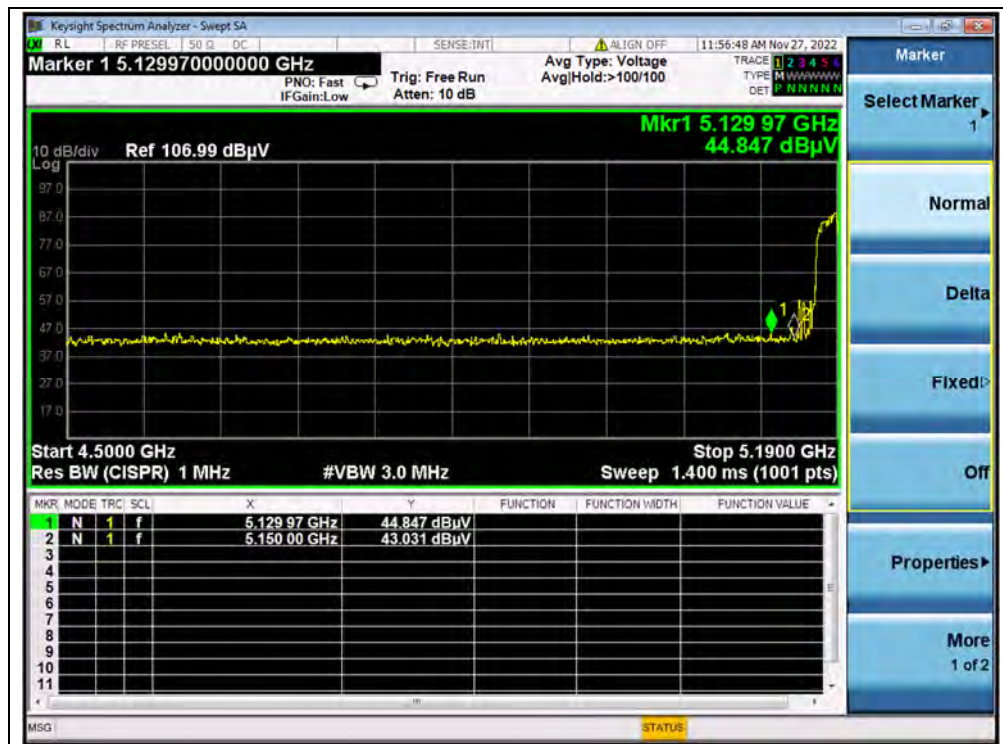


802.11n (HT40) Mode

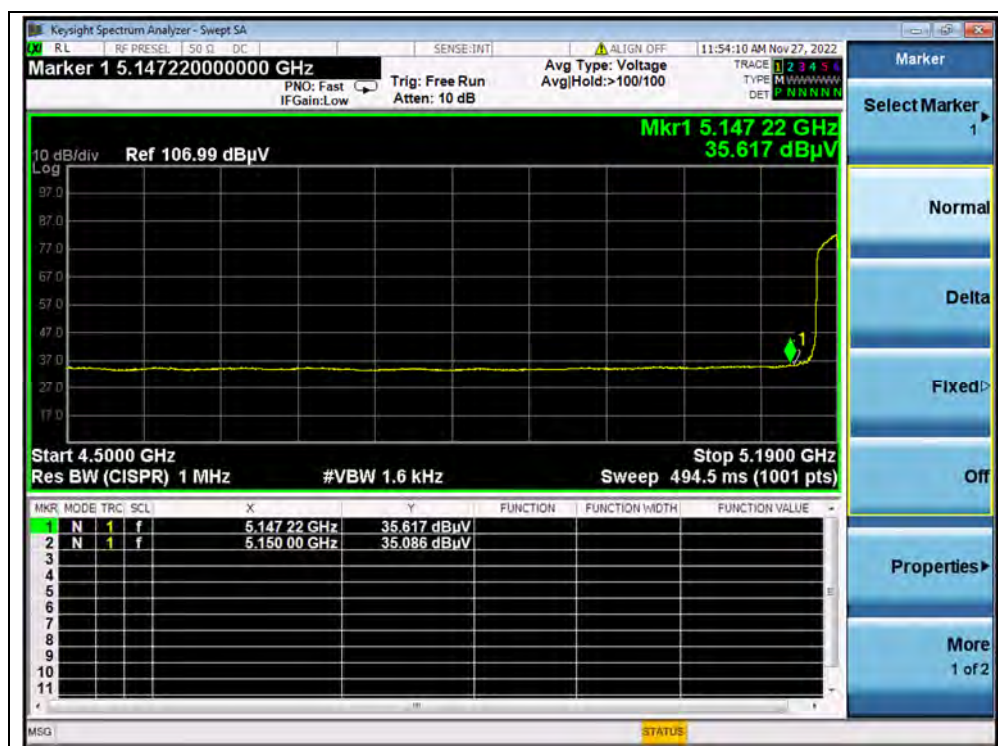
A.Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
38	5129.97	PK	44.85	-19.54	32.20	57.51	74	PASS
38	5147.22	AV	35.62	-19.54	32.20	48.28	54	PASS
46	5406.87	PK	43.19	-19.54	32.20	55.85	74	PASS
46	5353.97	AV	32.67	-19.54	32.20	45.33	54	PASS
151	5726.09	PK	61.28	-19.01	32.20	74.47	68.23	PASS
159	5850.00	PK	42.01	-19.01	32.20	55.20	122.23	PASS

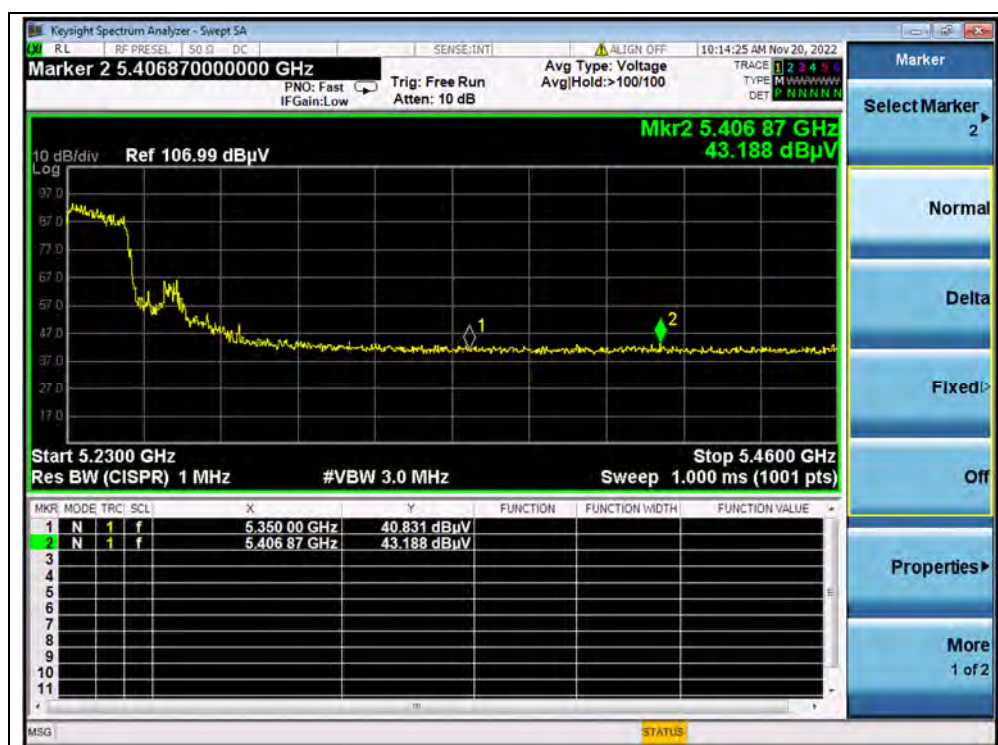
B.Test Plot:



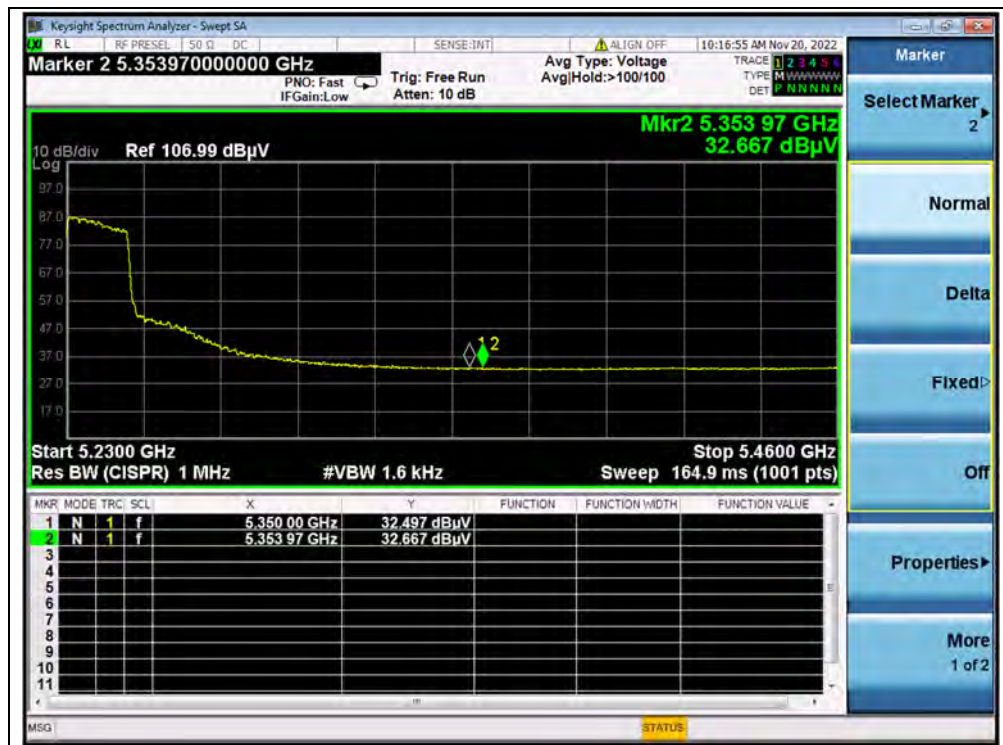
(PEAK, Channel 38, 802.11n (HT40))



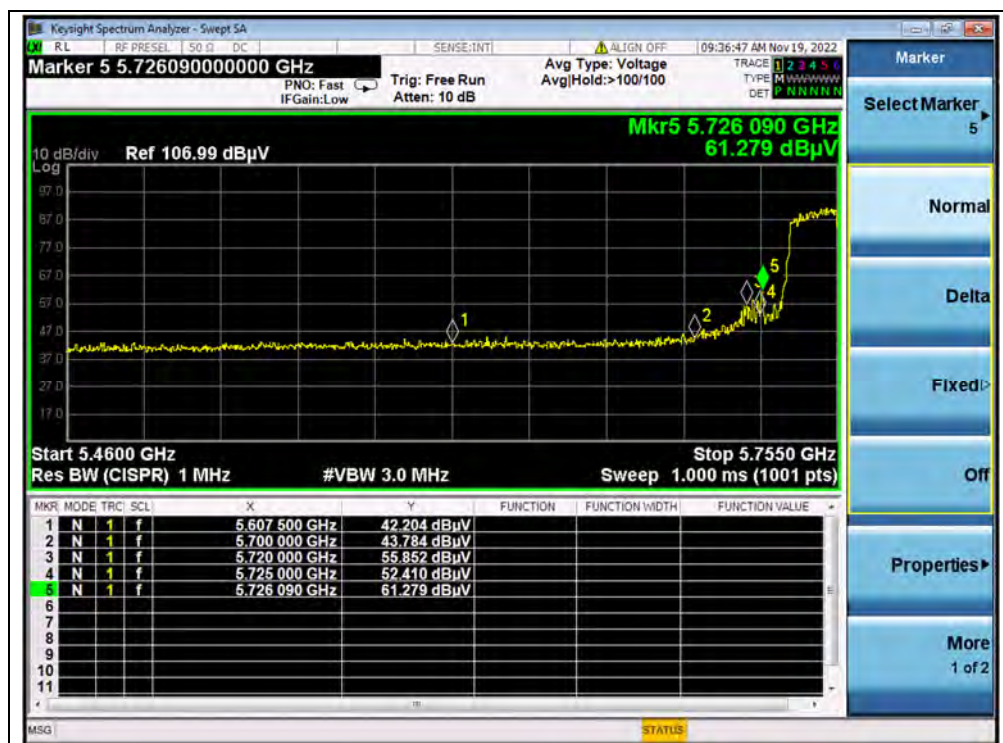
(AVERAGE, Channel 38, 802.11n (HT40))



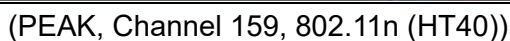
(PEAK, Channel 46, 802.11n (HT40))



(AVERAGE, Channel 46, 802.11n (HT40))



(PEAK, Channel 151, 802.11n (HT40))

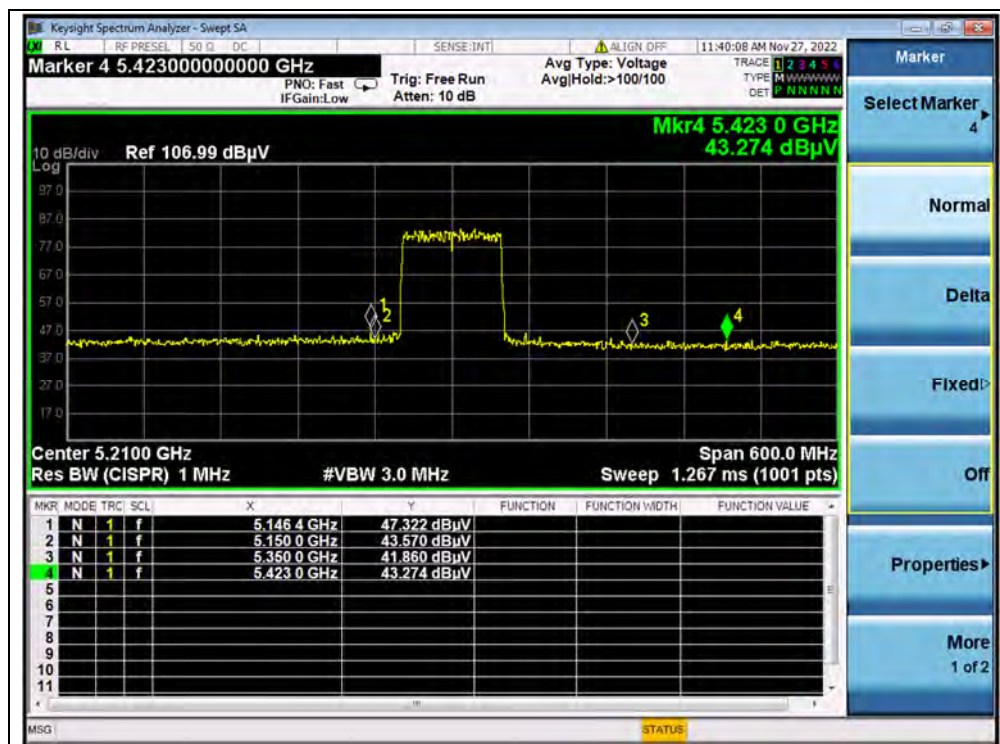




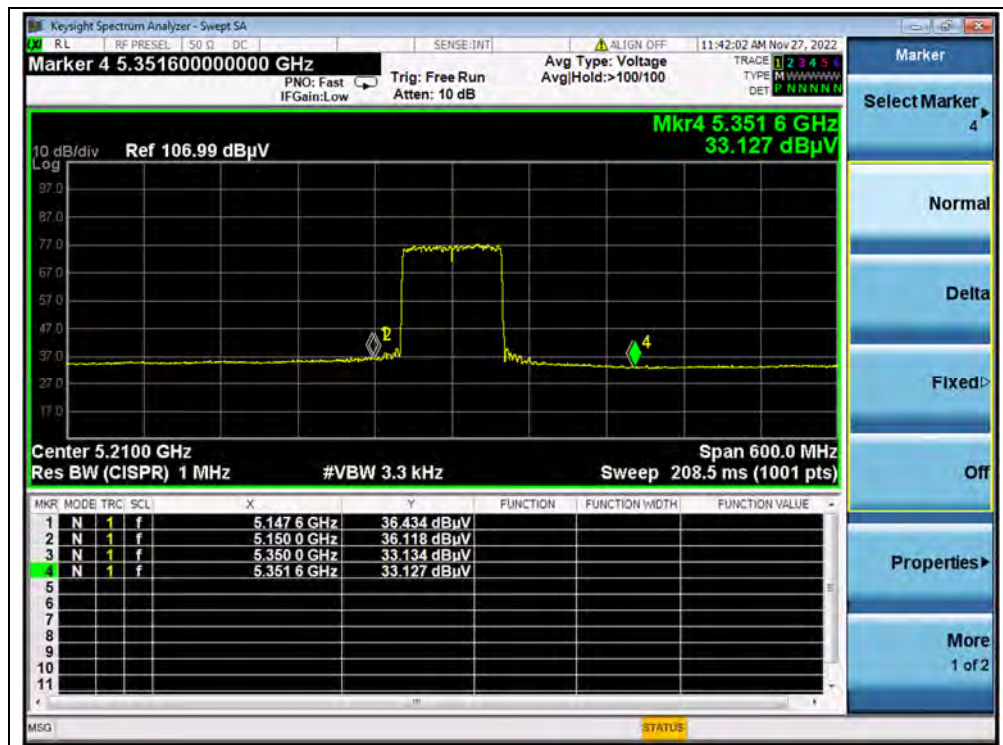
A. Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading	A _T	A _{Factor}	Max. Emission	Limit	Verdict
		PK/ AV	U _R (dBμV)	(dB)	(dB@3m)	E (dBμV/m)	(dBμV/m)	
42	5146.40	PK	47.32	-19.54	32.20	59.98	74	PASS
42	5147.60	AV	36.43	-19.54	32.20	49.09	54	PASS
42	5423.00	PK	43.27	-19.54	32.20	55.93	74	PASS
42	5350.00	AV	33.13	-19.54	32.20	45.79	54	PASS
155	5681.40	PK	54.11	-19.01	32.20	67.30	91.46	PASS
155	5855.00	PK	52.18	-19.01	32.20	65.37	110.83	PASS

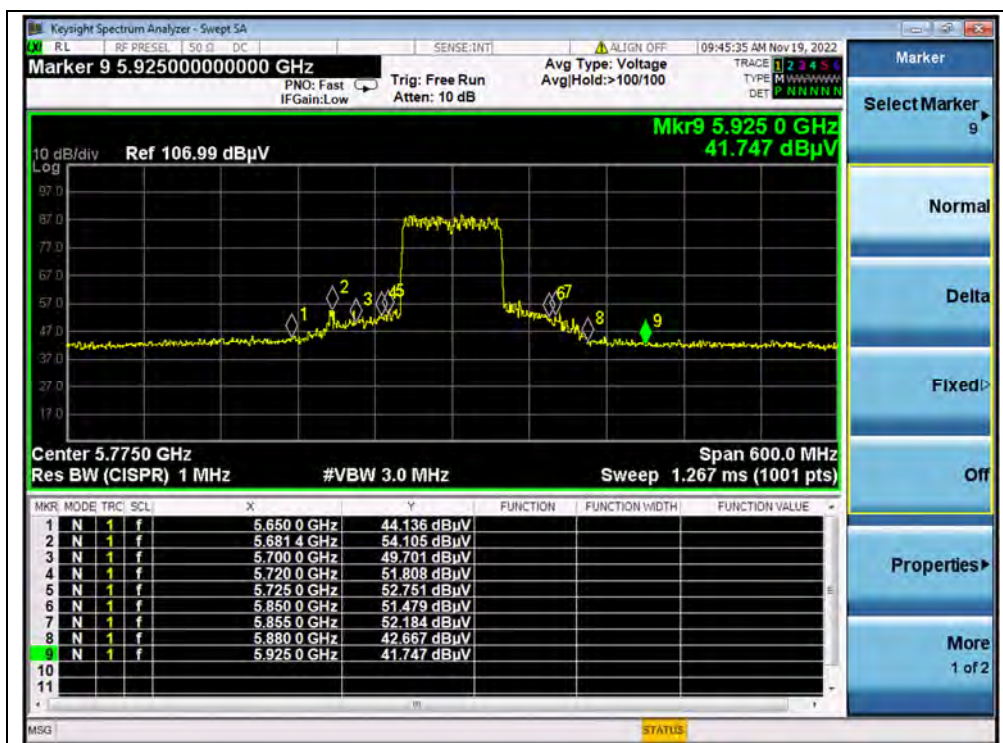
B.Test Plot:



(PEAK, Channel 42, 802.11ac (VHT80))



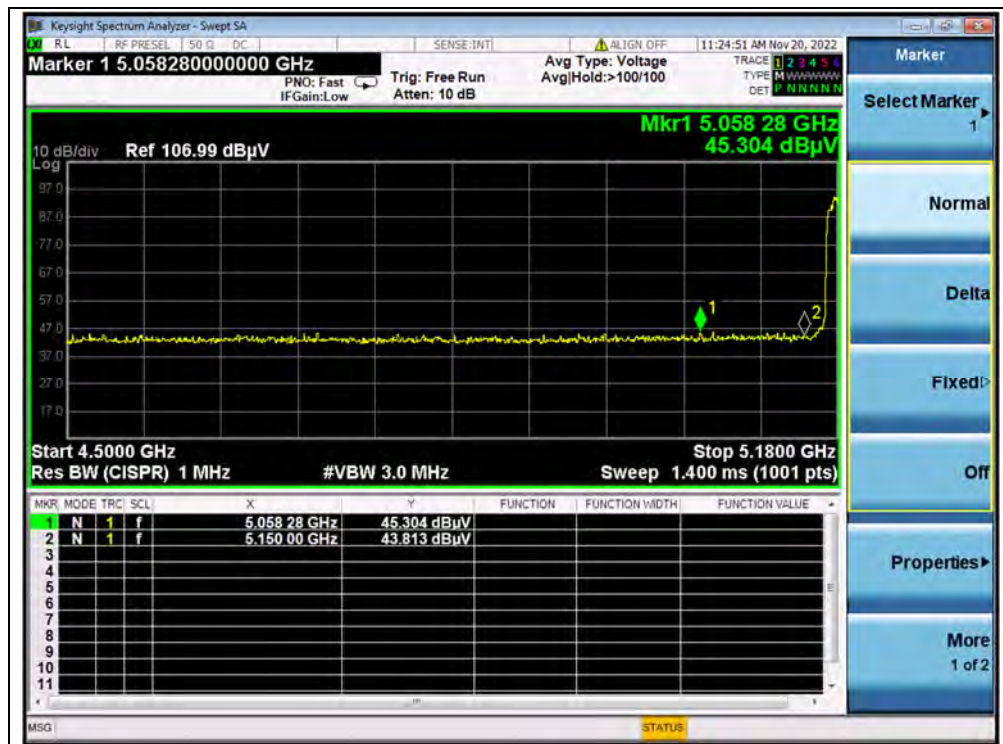
(AVERAGE, Channel 42, 802.11ac (VHT80))



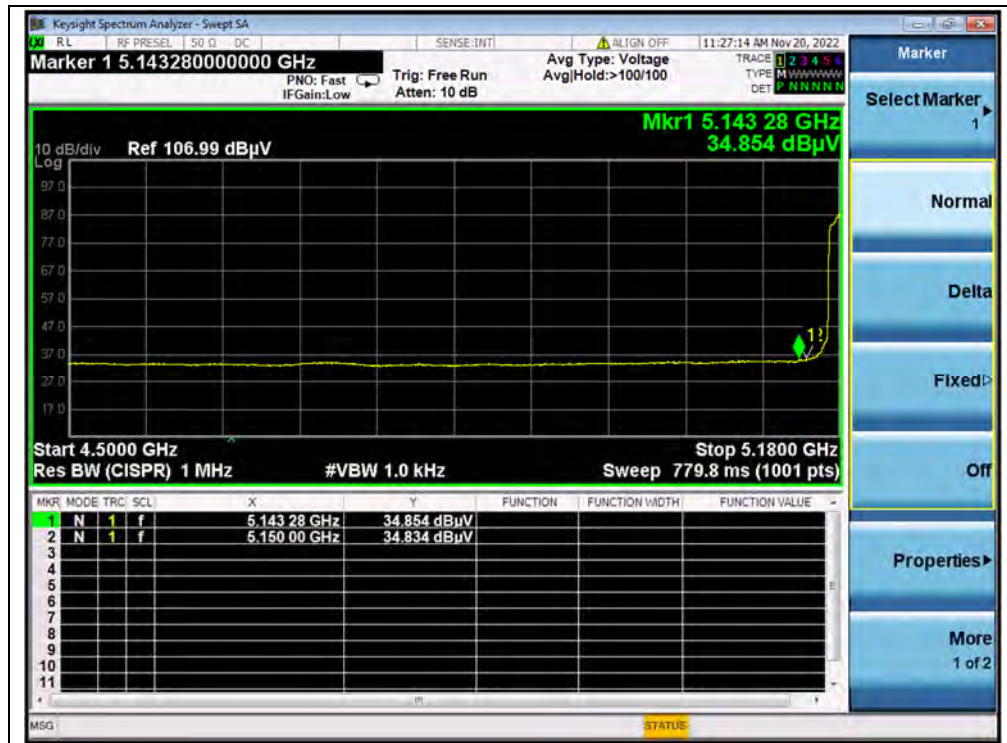
(PEAK, Channel 155, 802.11ac (VHT80))

**802.11ax (HEW20) Mode****A.Test Verdict:**

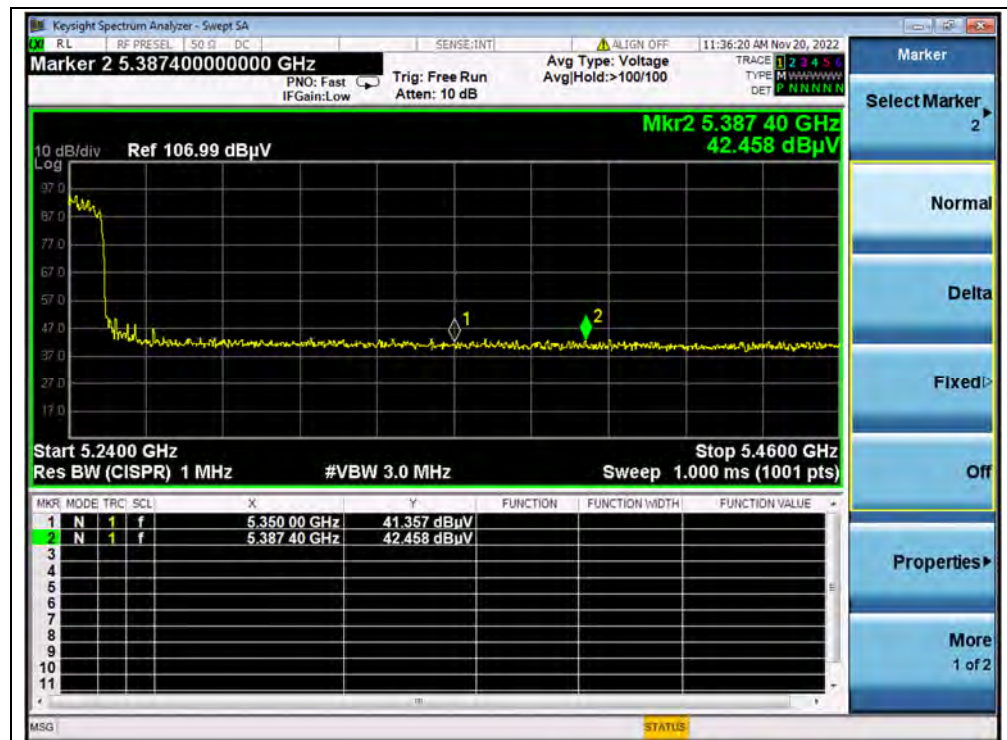
Channel	Frequency (MHz)	Detector	Receiver Reading U _R (dBμV)	A _T (dB)	A _{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
36	5058.28	PK	45.30	-19.54	32.20	57.96	74	PASS
36	5143.28	AV	34.85	-19.54	32.20	47.51	54	PASS
48	5387.40	PK	42.46	-19.54	32.20	55.12	74	PASS
48	5351.10	AV	34.42	-19.54	32.20	47.08	54	PASS
149	5725.00	PK	56.42	-19.01	32.20	69.61	122.23	PASS
165	5855.00	PK	48.92	-19.01	32.20	62.11	110.83	PASS

B.Test Plot:

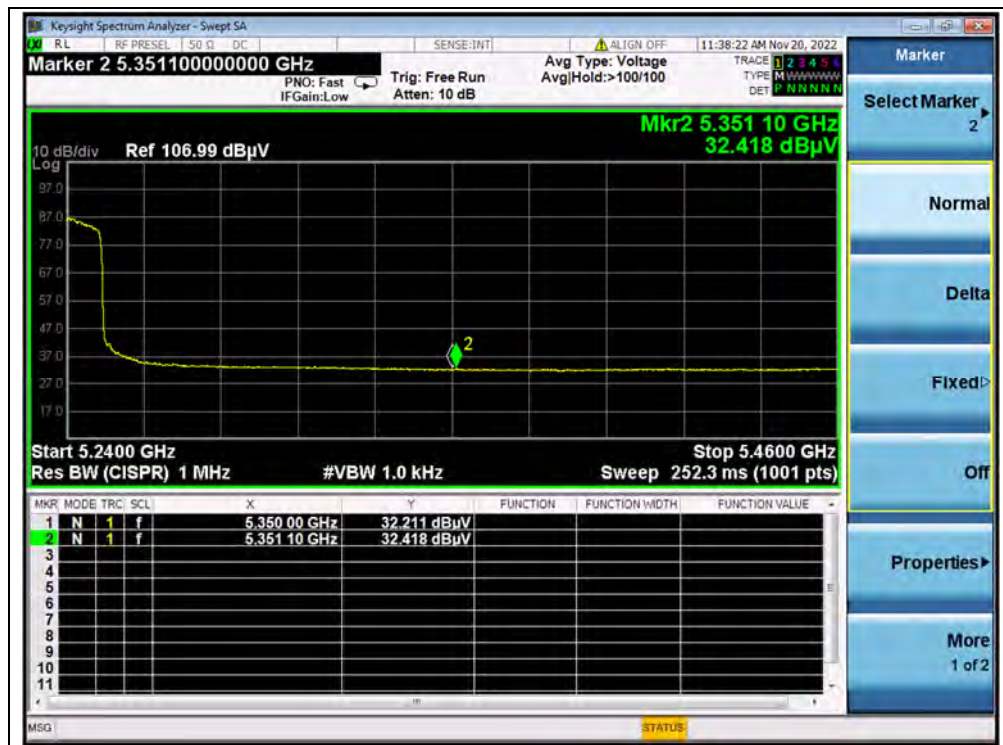
(PEAK, Channel 36, 802.11ax (HEW20))



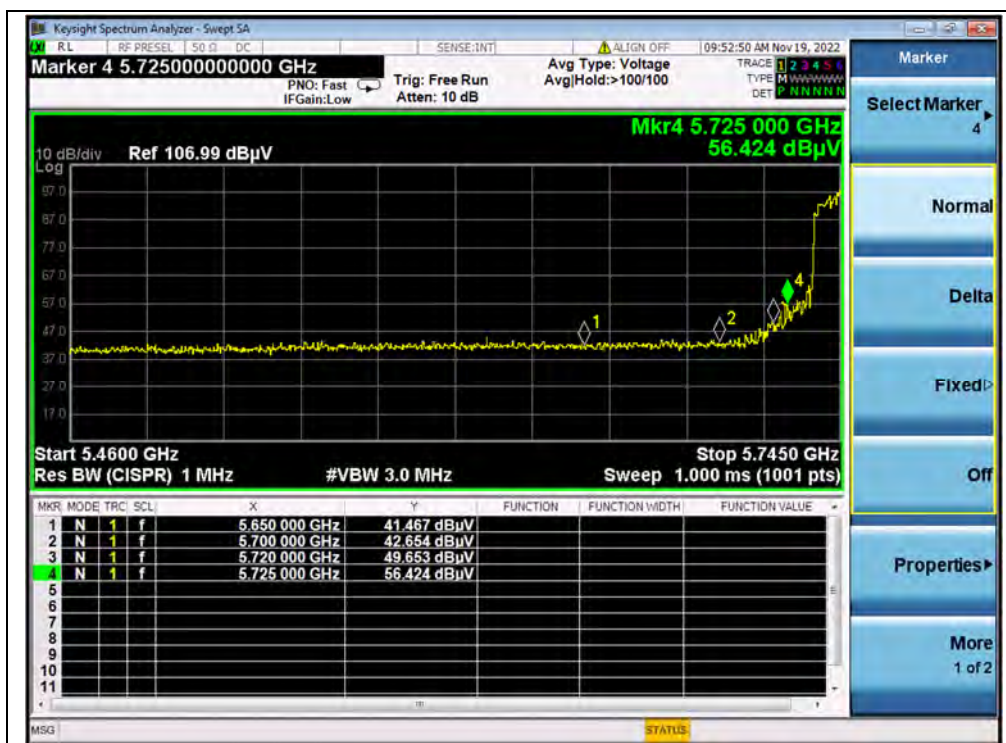
(AVERAGE, Channel 36, 802.11ax (HEW20))



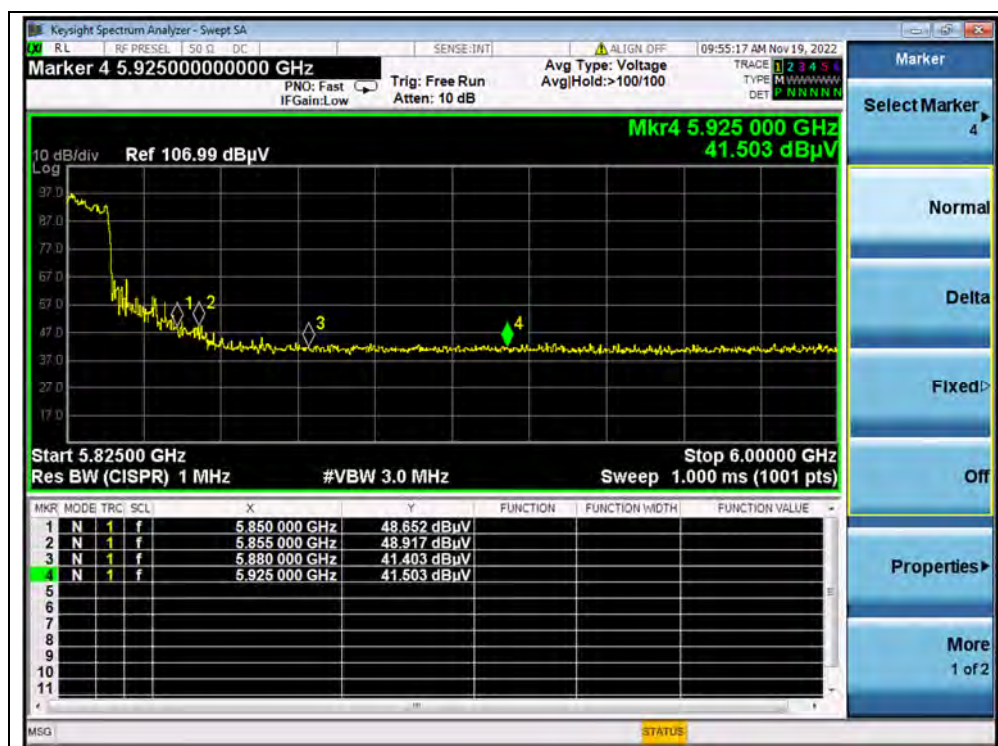
(PEAK, Channel 48, 802.11ax (HEW20))



(AVERAGE, Channel 48, 802.11ax (HEW20))



(PEAK, Channel 149, 802.11ax (HEW20))



(PEAK, Channel 165, 802.11ax (HEW20))

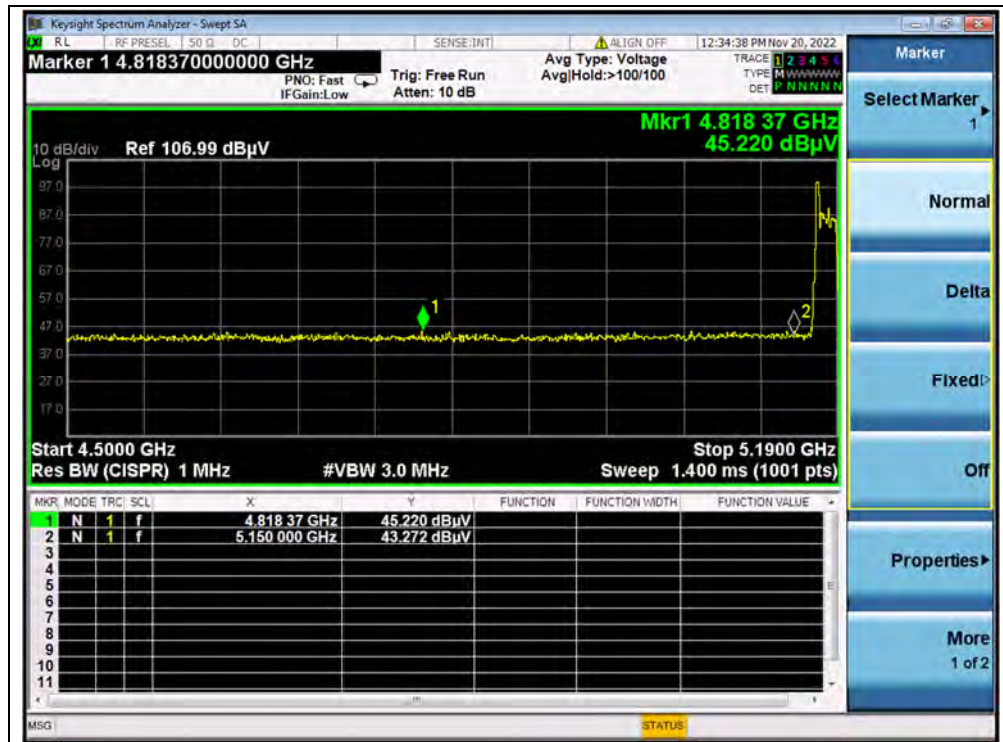


802.11ax (HEW20) RU26 Mode

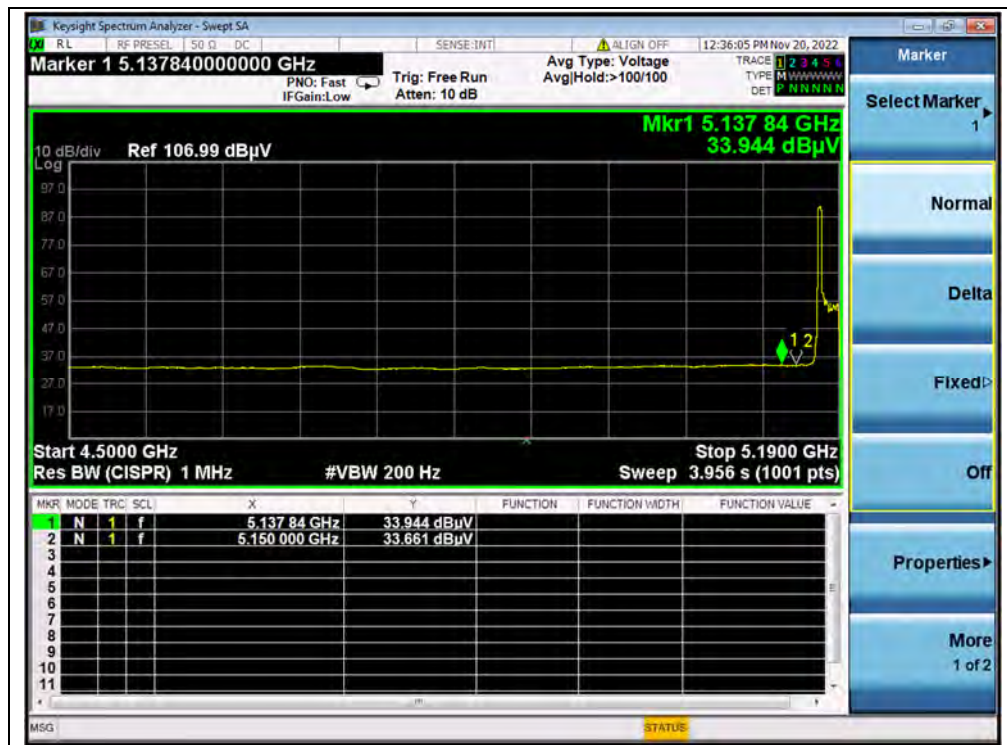
A.Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
36	4818.37	PK	45.22	-19.54	32.20	57.88	74	PASS
36	5137.84	AV	33.94	-19.54	32.20	46.60	54	PASS
48	5422.38	PK	43.44	-19.54	32.20	56.10	74	PASS
48	5352.64	AV	32.89	-19.54	32.20	45.55	54	PASS
149	5725.00	PK	56.42	-19.01	32.20	69.61	122.23	PASS
165	5855.00	PK	48.92	-19.01	32.20	62.11	110.83	PASS

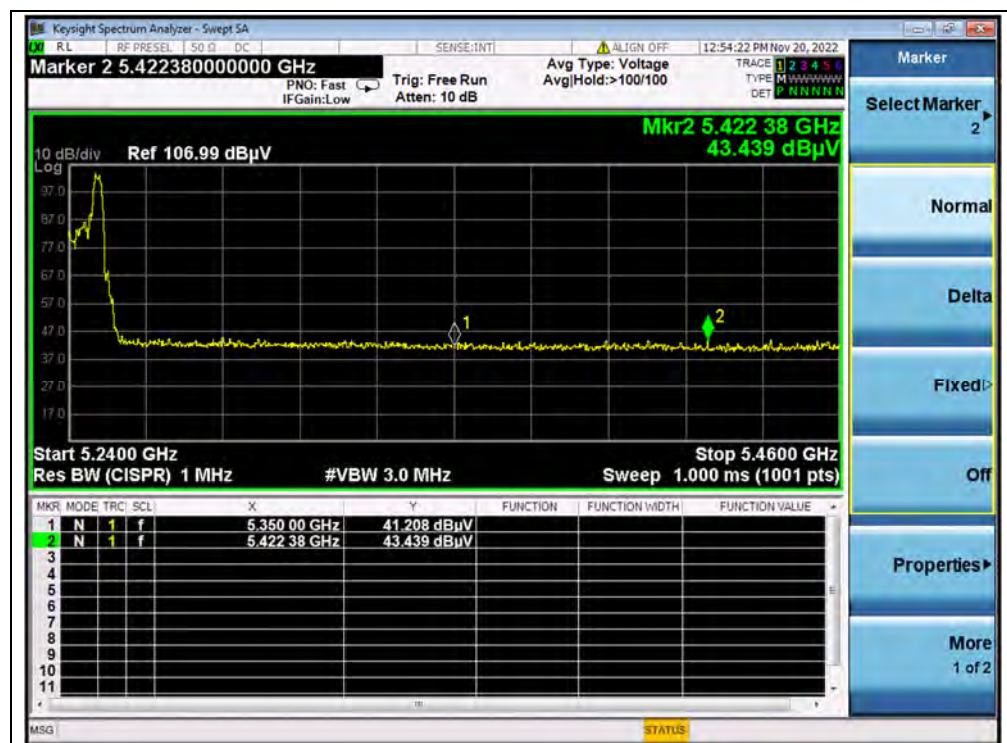
B.Test Plot:



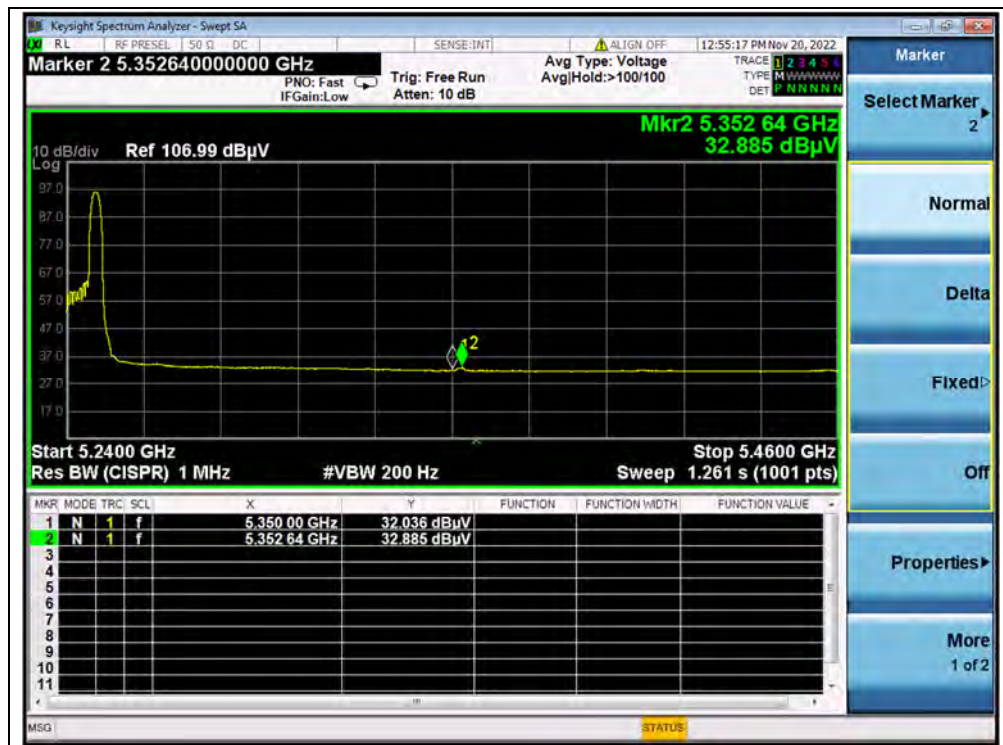
(PEAK, Channel 36, 802.11ax (HEW20) RU26)



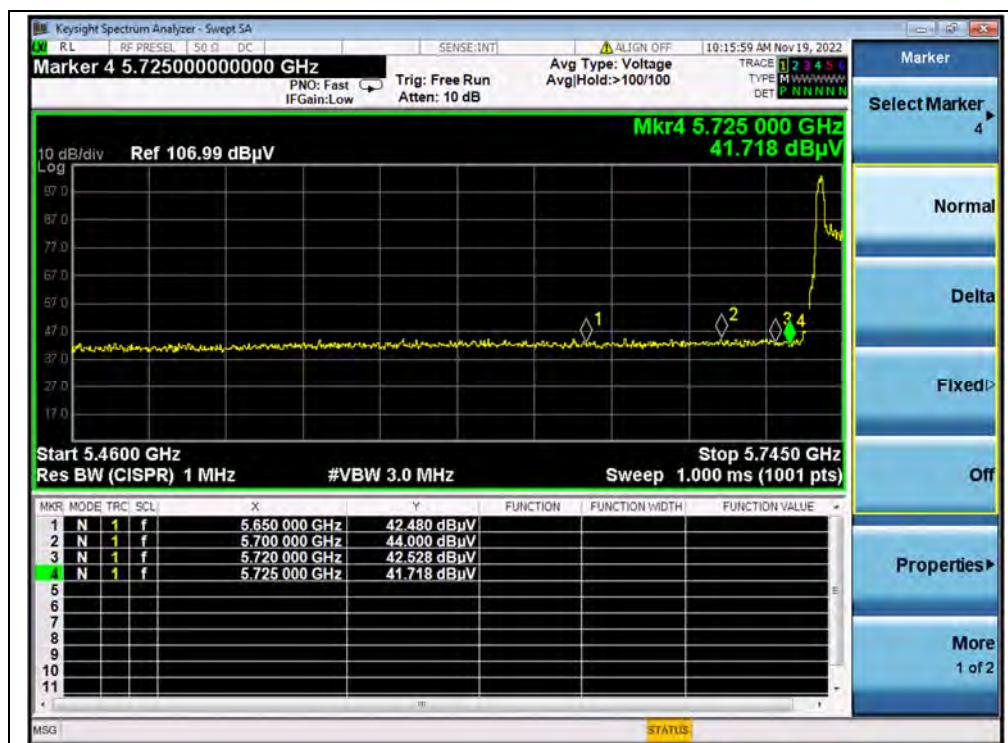
(AVERAGE, Channel 36, 802.11ax (HEW20) RU26)



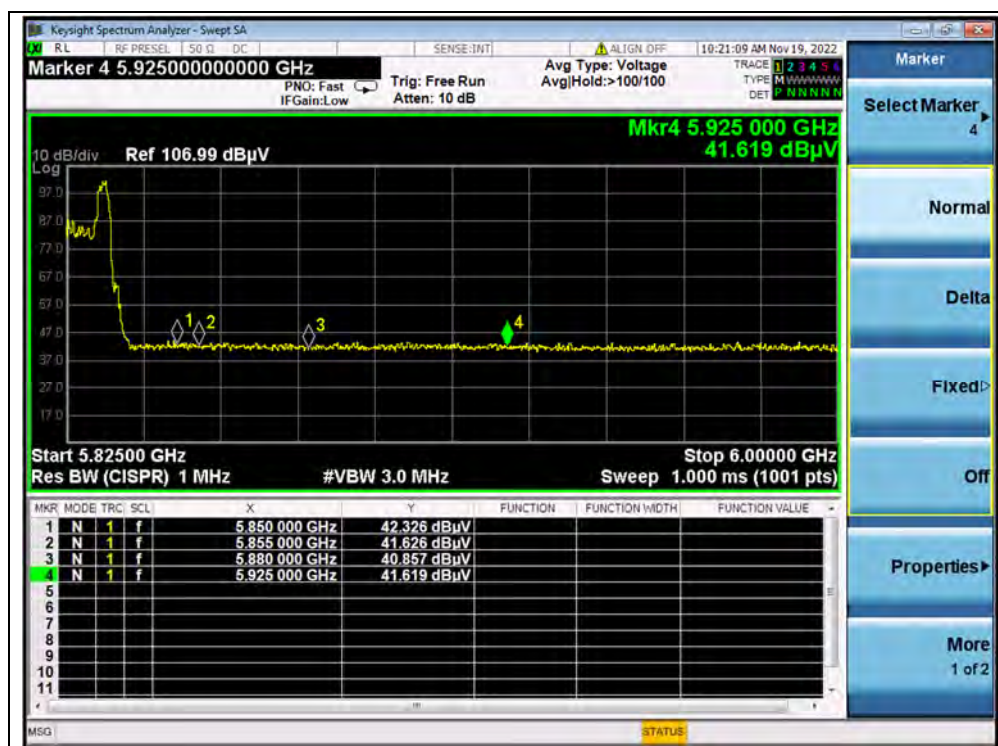
(PEAK, Channel 48, 802.11ax (HEW20) RU26)



(AVERAGE, Channel 48, 802.11ax (HEW20) RU26)



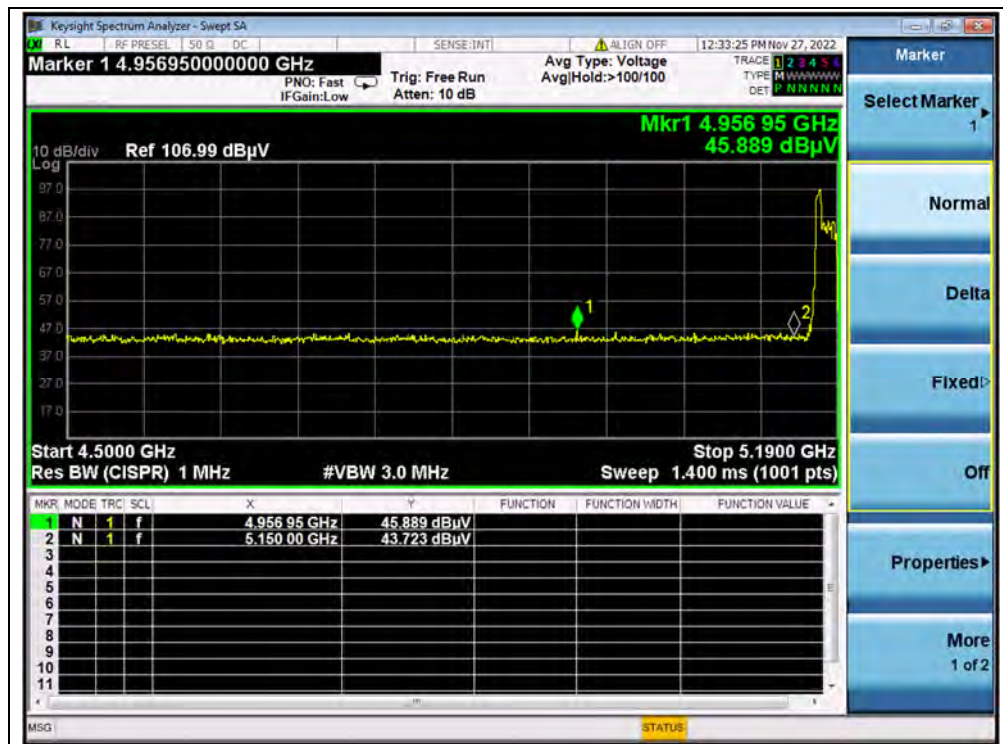
(PEAK, Channel 149, 802.11ax (HEW20) RU26)



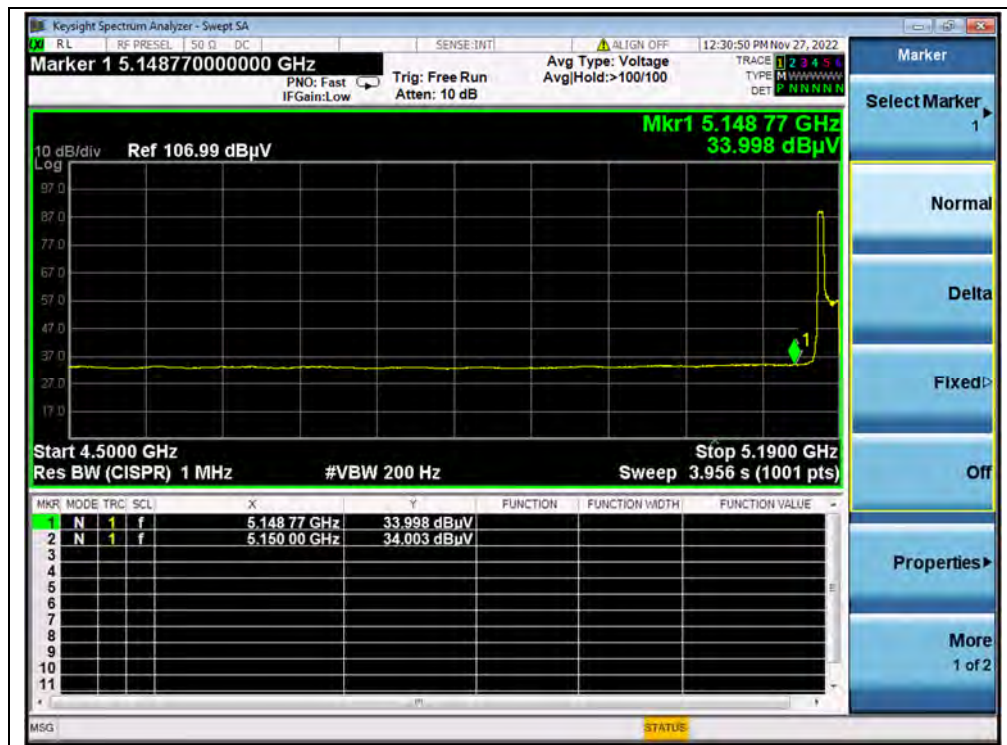
(PEAK, Channel 165, 802.11ax (HEW20) RU26)

**802.11ax (HEW20) RU52 Mode****A.Test Verdict:**

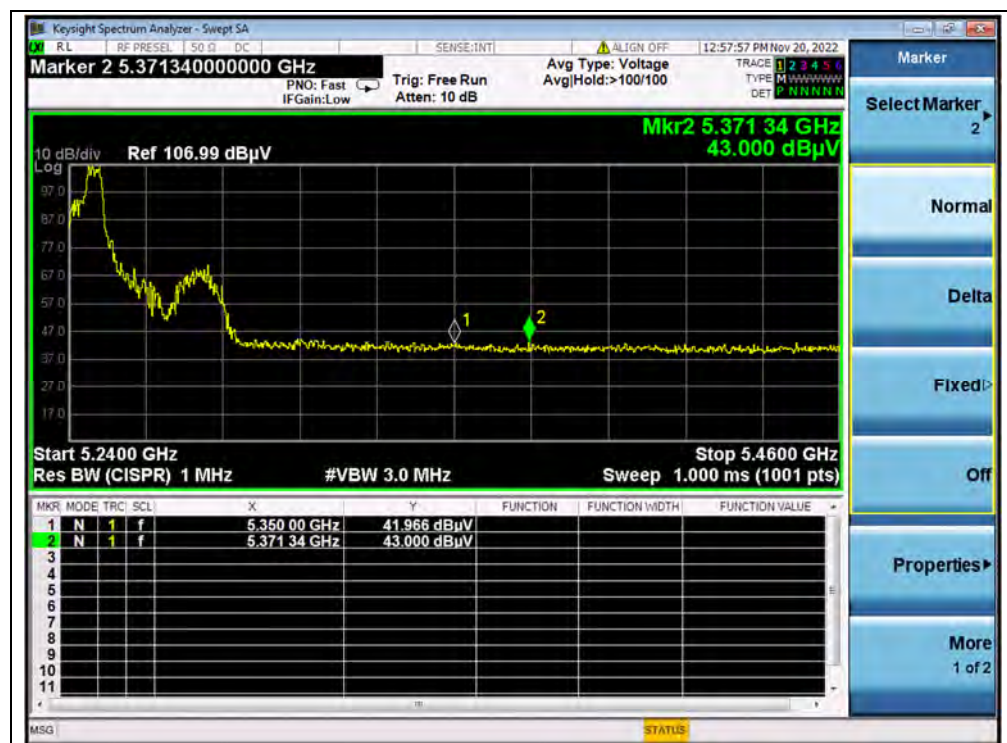
Channel	Frequency (MHz)	Detector	Receiver Reading U _R (dBμV)	A _T (dB)	A _{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
36	5956.95	PK	45.89	-19.54	32.20	58.55	74	PASS
36	5150.00	AV	34.00	-19.54	32.20	46.66	54	PASS
48	5371.34	PK	43.00	-19.54	32.20	55.66	74	PASS
48	5350.00	AV	33.73	-19.54	32.20	46.39	54	PASS
149	5725.00	PK	41.86	-19.01	32.20	55.05	122.23	PASS
165	5861.40	PK	60.52	-19.01	32.20	73.71	68.23	PASS

B.Test Plot:

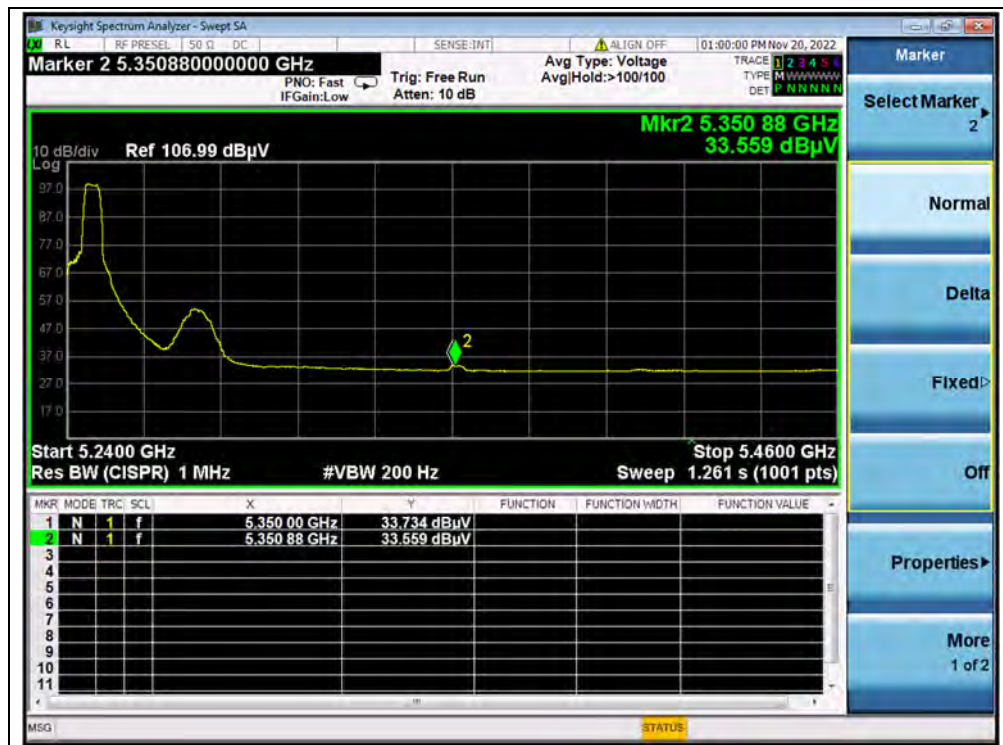
(PEAK, Channel 36, 802.11ax (HEW20) RU52)



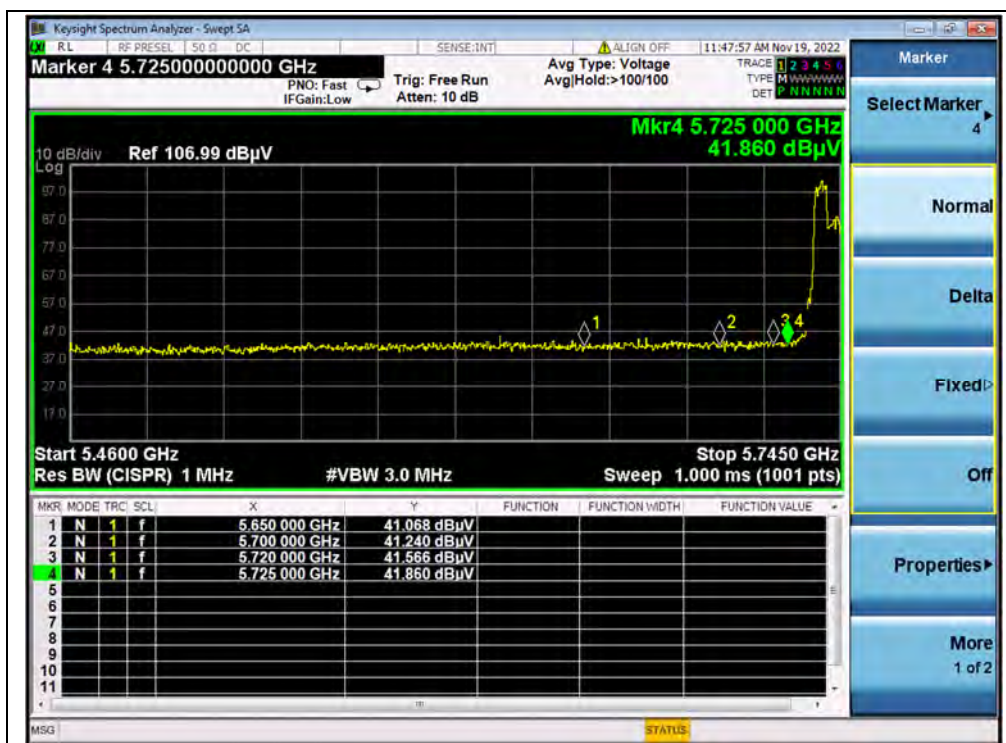
(AVERAGE, Channel 36, 802.11ax (HEW20) RU52)



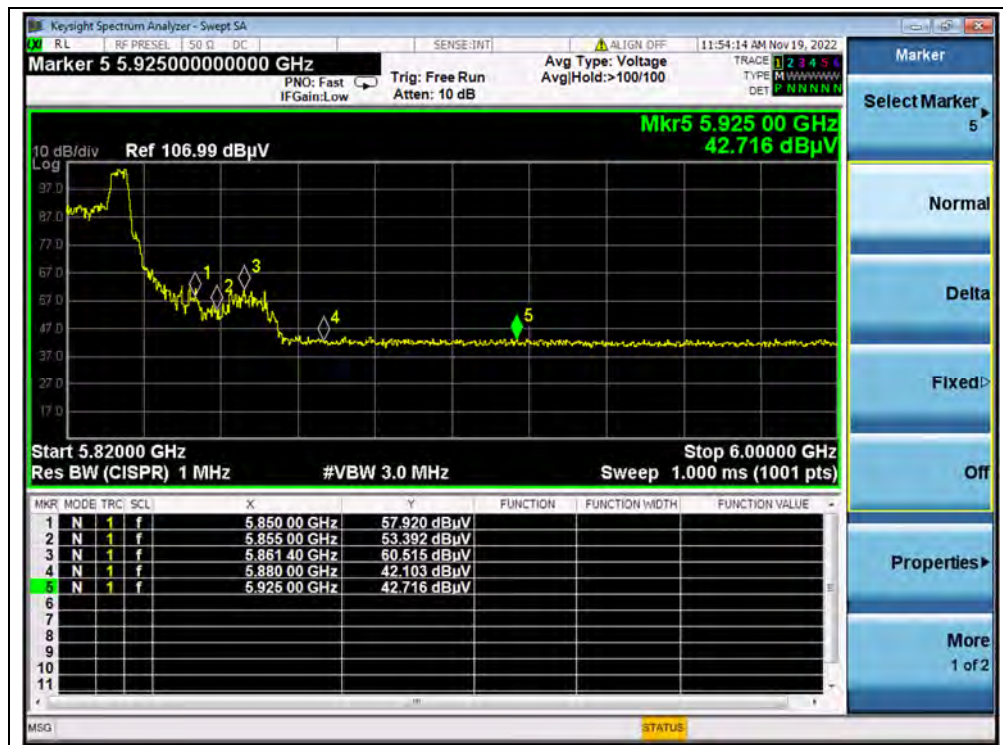
(PEAK, Channel 48, 802.11ax (HEW20) RU52)



(AVERAGE, Channel 48, 802.11ax (HEW20) RU52)



(PEAK, Channel 149, 802.11ax (HEW20) RU52)



(PEAK, Channel 165, 802.11ax (HEW20) RU52)

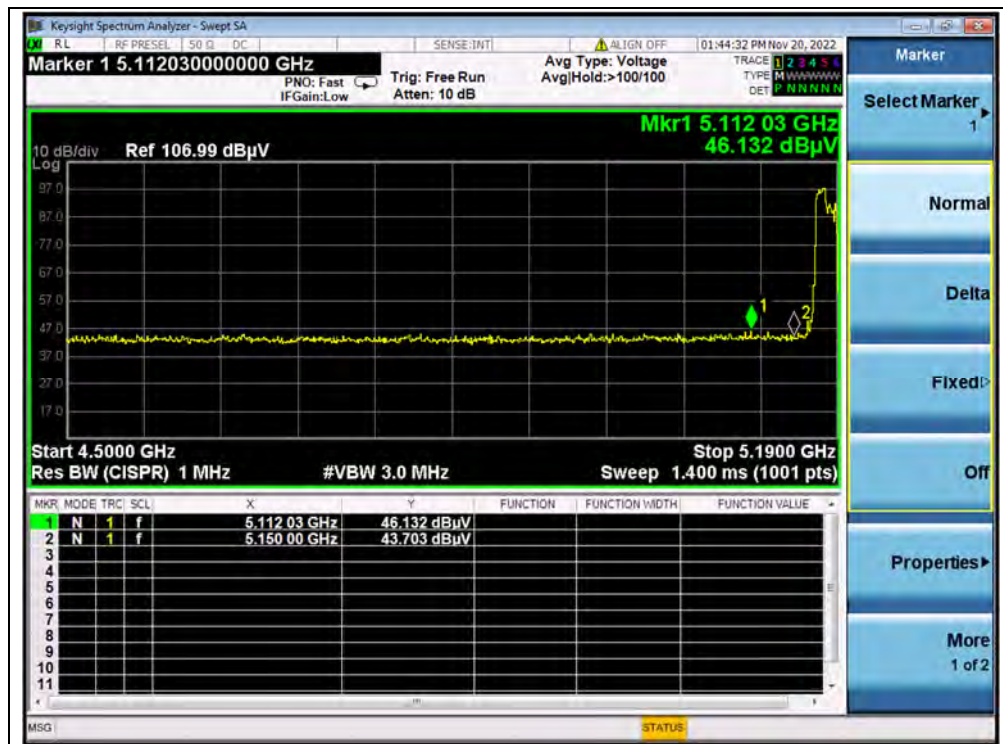


802.11ax (HEW20) RU106 Mode

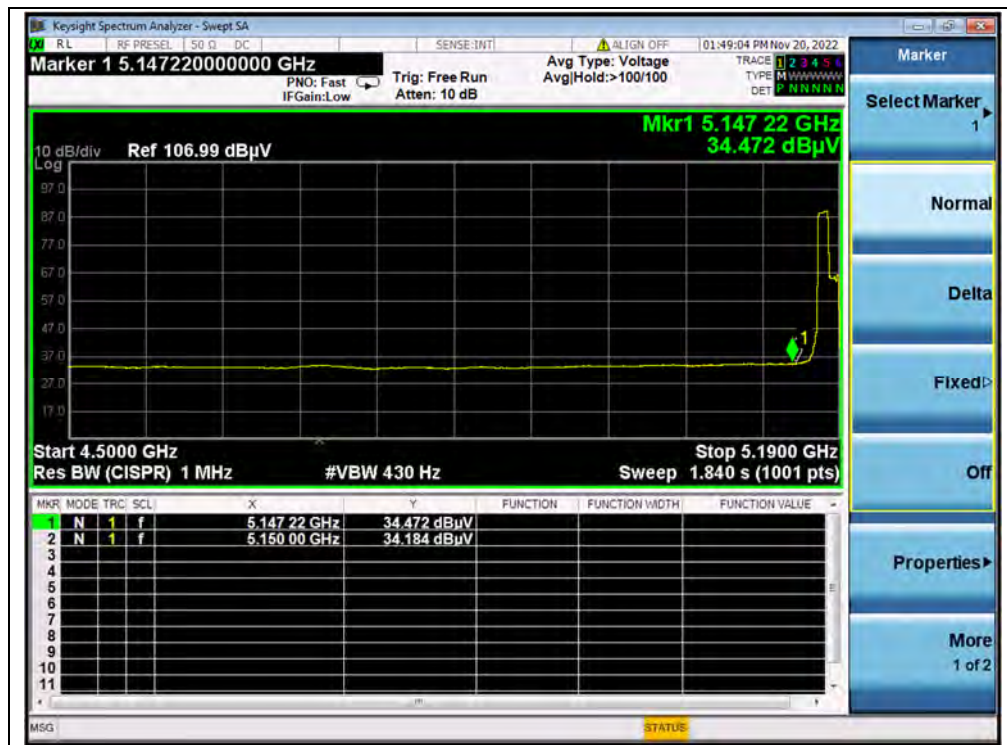
A.Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
36	5112.03	PK	46.13	-19.54	32.20	58.79	74	PASS
36	5147.22	AV	34.47	-19.54	32.20	47.13	54	PASS
48	5375.46	PK	42.87	-19.54	32.20	55.53	74	PASS
48	5411.80	AV	32.33	-19.54	32.20	44.99	54	PASS
149	5725.00	PK	63.57	-19.01	32.20	76.76	122.23	PASS
165	5857.24	PK	59.70	-19.01	32.20	72.89	104.56	PASS

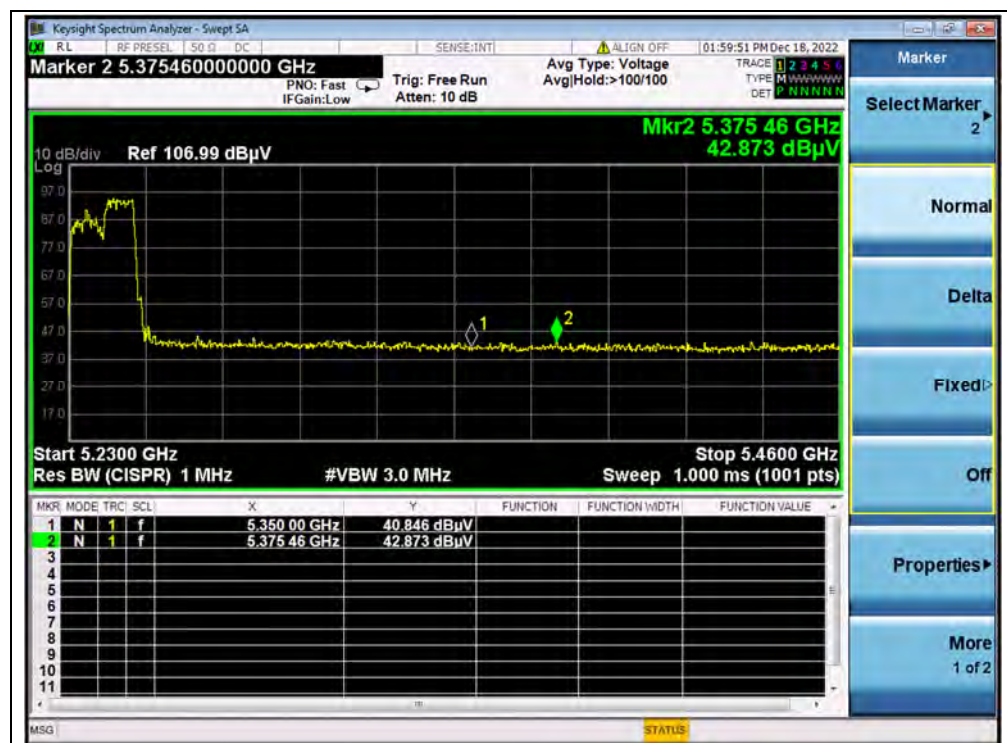
B.Test Plot:



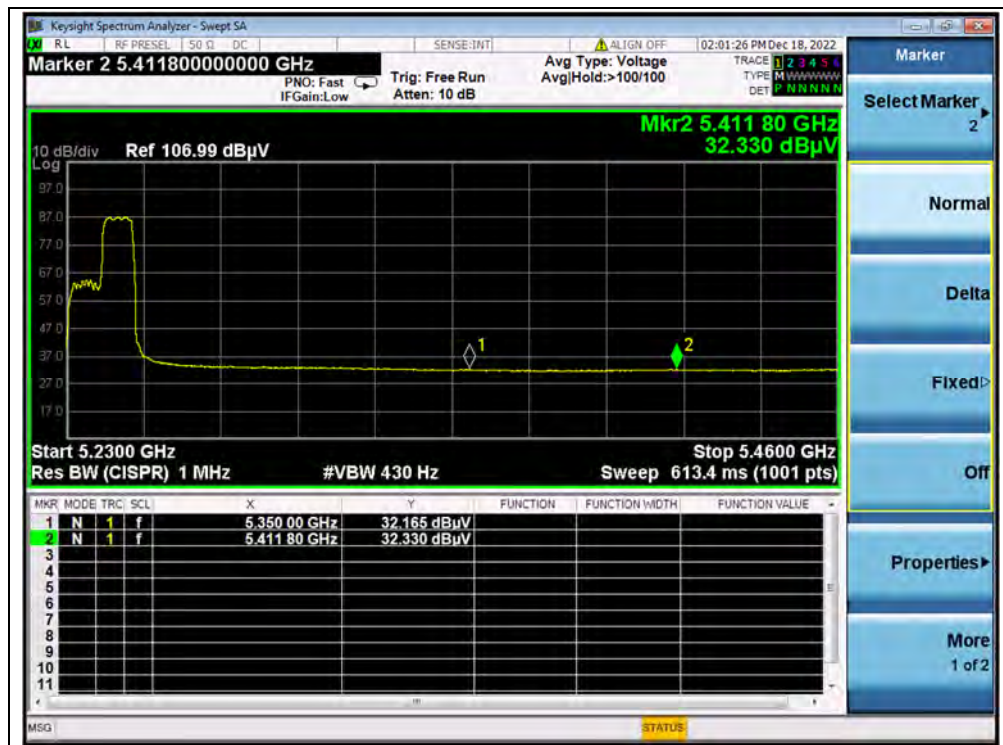
(PEAK, Channel 36, 802.11ax (HEW20) RU106)



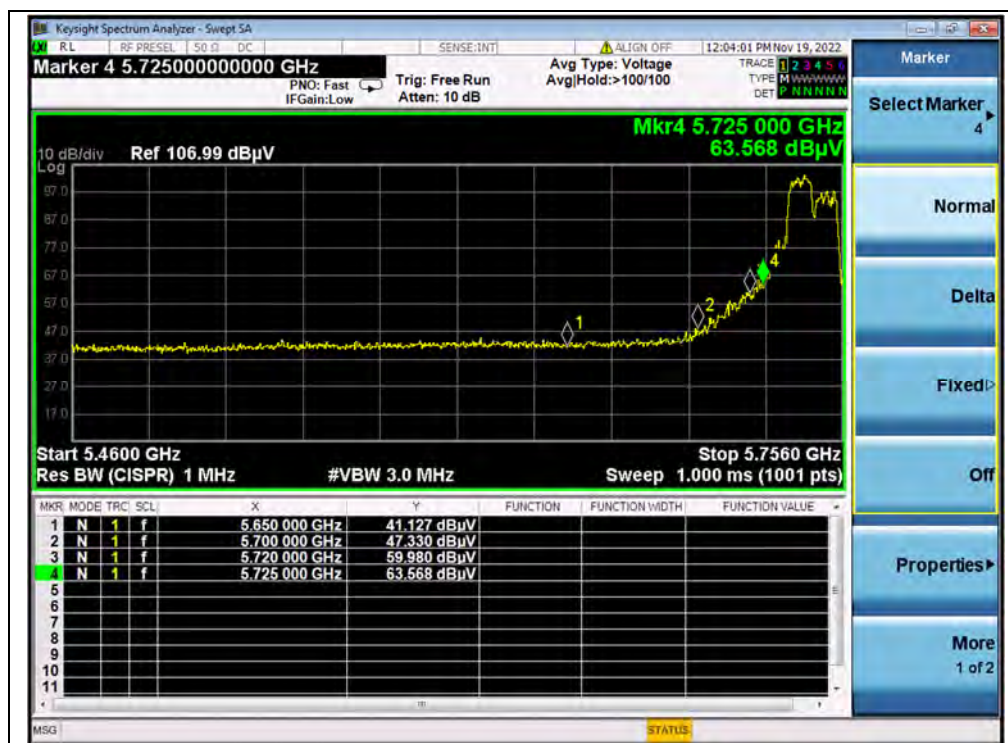
(AVERAGE, Channel 36, 802.11ax (HEW20) RU106)



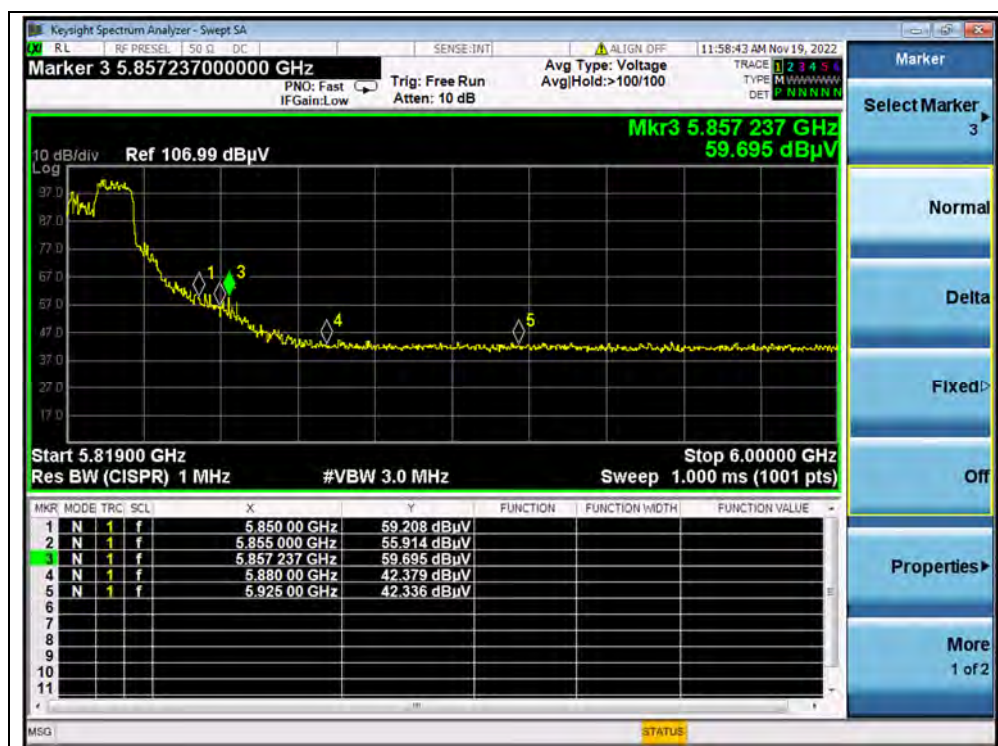
(PEAK, Channel 48, 802.11ax (HEW20) RU106)



(AVERAGE, Channel 48, 802.11ax (HEW20) RU106)



(PEAK, Channel 149, 802.11ax (HEW20) RU106)



(PEAK, Channel 165, 802.11ax (HEW20) RU106)

2.9. Radiated Emission

2.9.1. Requirement

The peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

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

The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \mu\text{V/m}$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

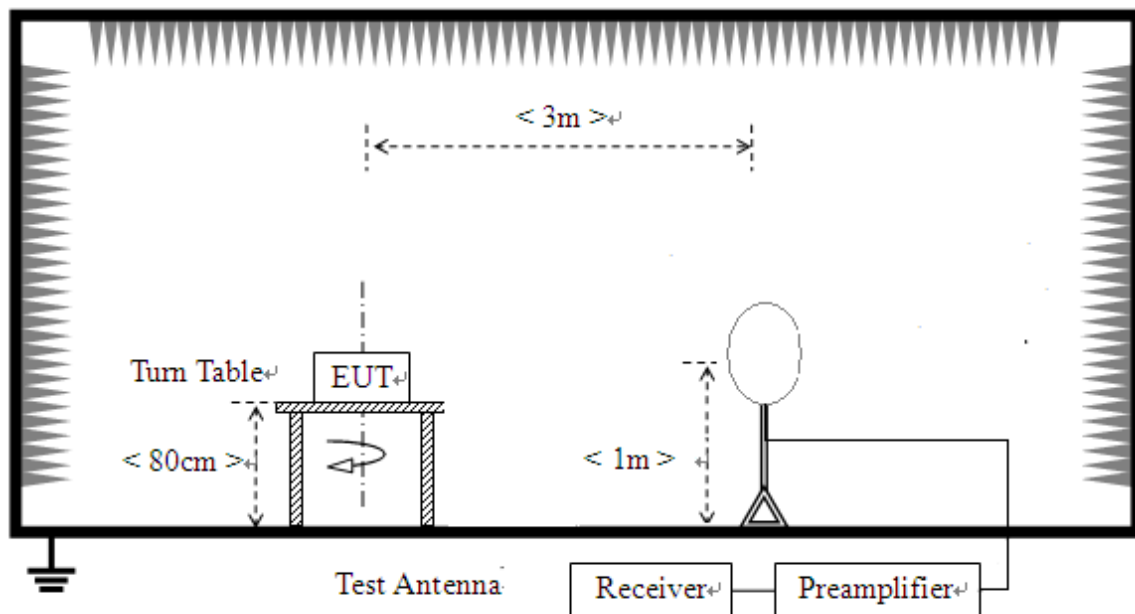
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

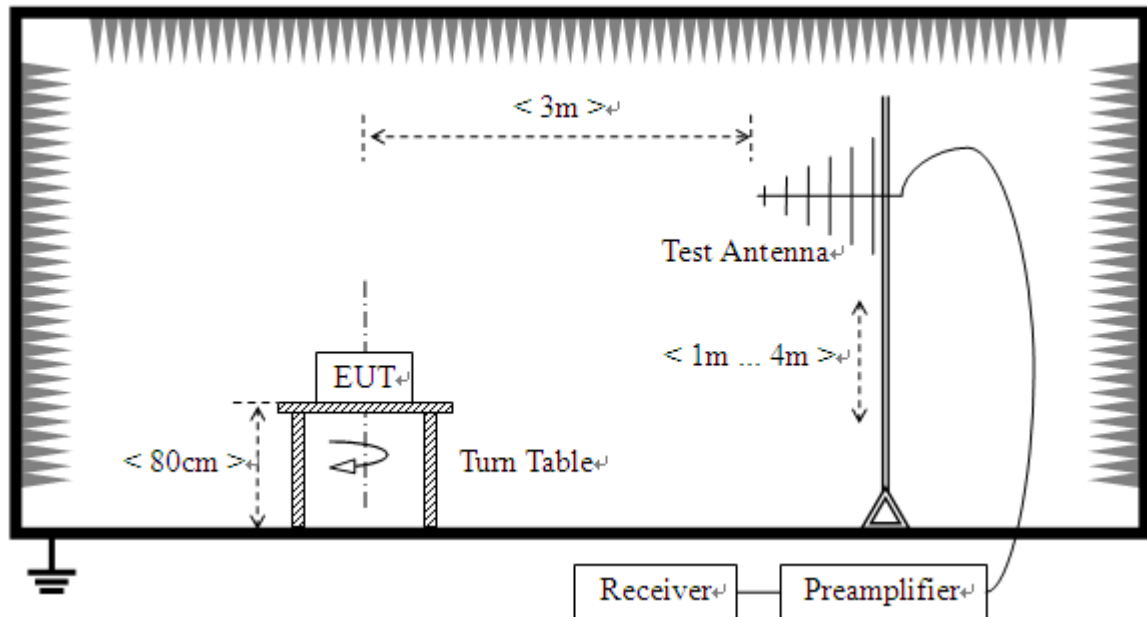
2.9.2. Test Description

Test Setup:

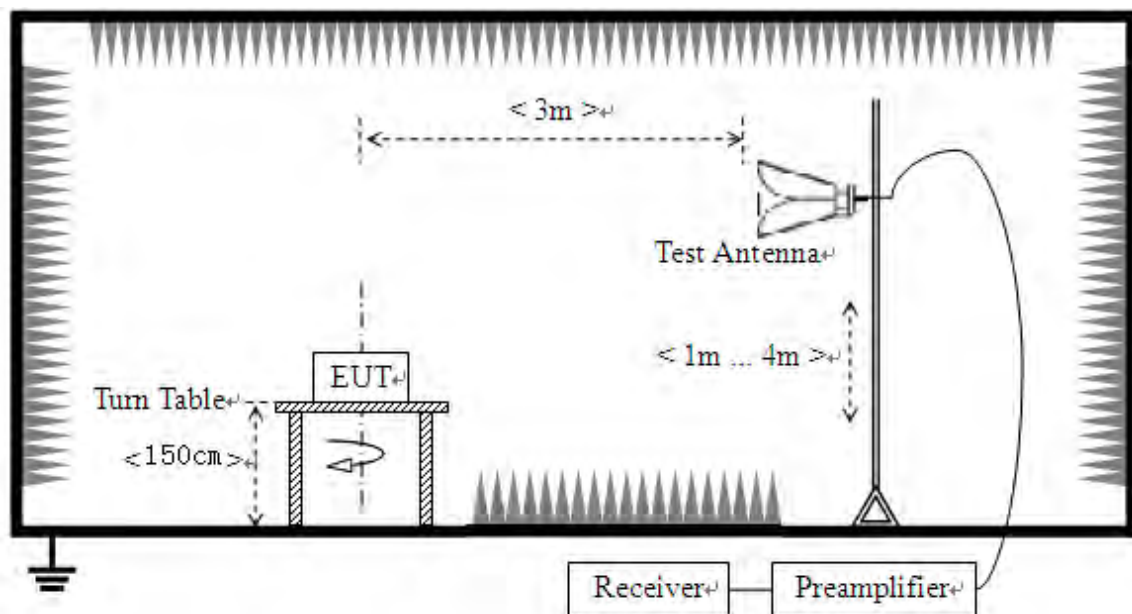
- 1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to1GHz



3) For radiated emissions above 1GHz



The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.



For measurements below 30MHz, the emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9kHz-90 kHz, 110kHz-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements and as applicable for average measurements.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

2.9.3. Test Result

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

$$E [\text{dB}\mu\text{V/m}] = U_R + A_T + A_{\text{Factor}} [\text{dB}]; A_T = L_{\text{Cable loss}} [\text{dB}] - G_{\text{preamp}} [\text{dB}]$$

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

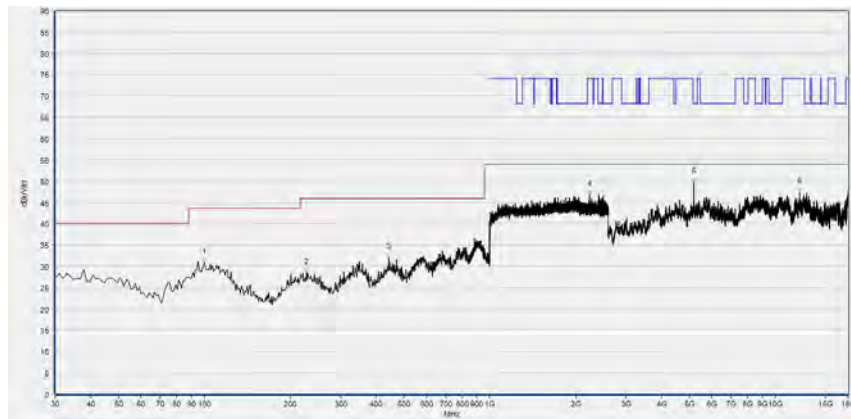
During the test, the total correction Factor A_T and A_{Factor} were built in test software.

Note 1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Note 2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

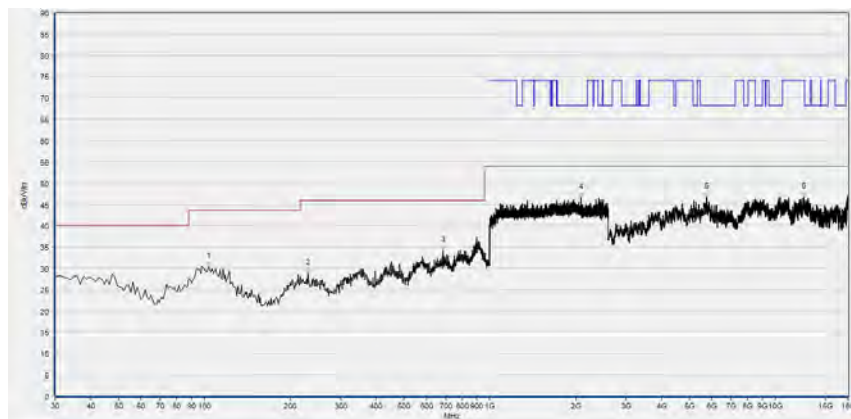
Note 3: For the frequency, which started from 18GHz to 40GHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note 4: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

**802.11a Mode****Plot for Channel 36**

Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	30.88	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
227.880	28.54	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
441.280	32.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2240.533	46.71	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5177.960	49.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12175.720	47.45	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

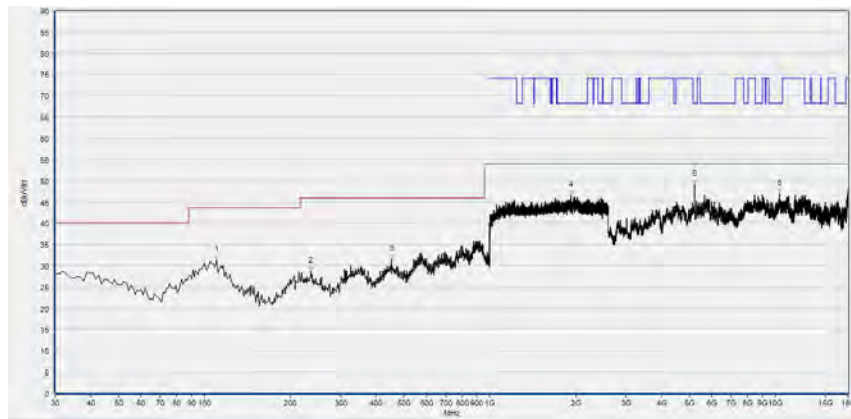


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	30.35	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
230.790	28.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
685.720	34.20	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2084.267	46.57	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5741.600	46.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12591.520	46.81	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

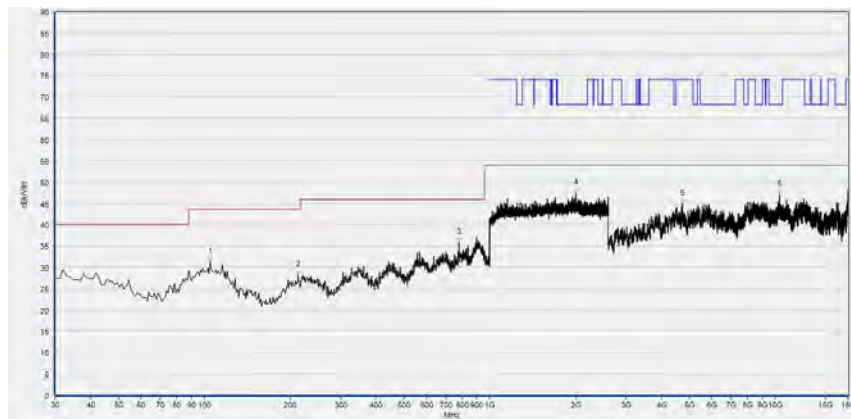


Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	31.29	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
236.610	28.61	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
451.950	31.43	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1926.400	46.54	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5218.000	49.13	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10343.120	46.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

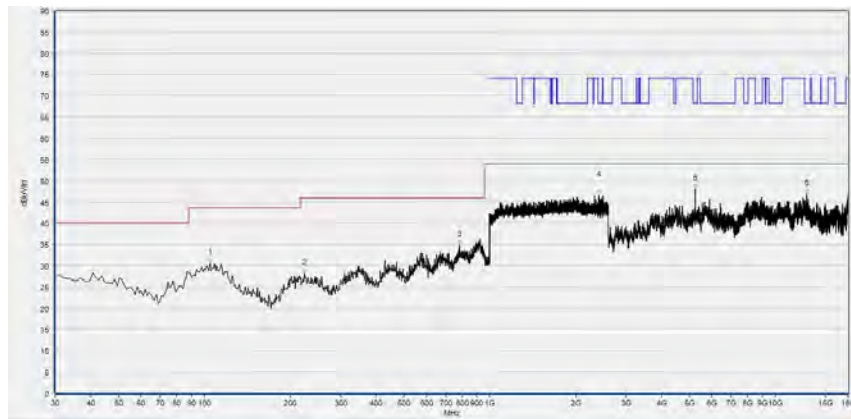
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	31.16	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
213.330	28.20	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
779.810	35.80	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1999.467	47.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4722.120	44.88	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10333.880	47.02	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

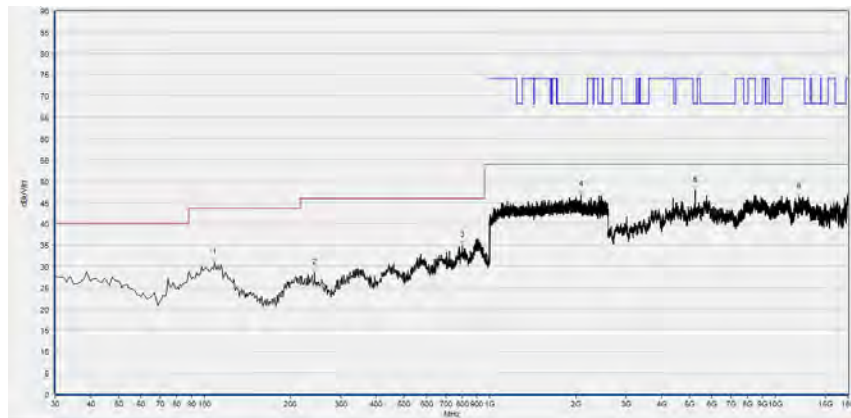
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	30.70	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
224.000	28.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
784.660	34.88	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2408.000	46.52	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5239.560	48.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12896.440	46.97	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

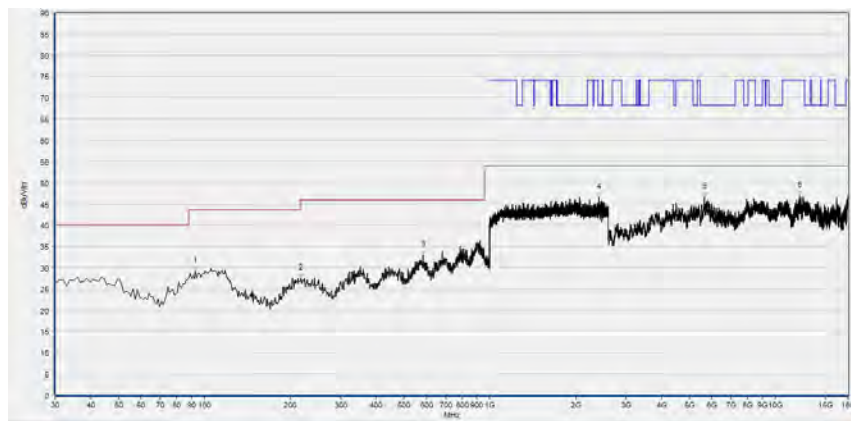


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	30.91	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
243.400	28.41	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
800.180	34.92	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2082.667	46.73	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5233.400	47.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12126.440	46.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

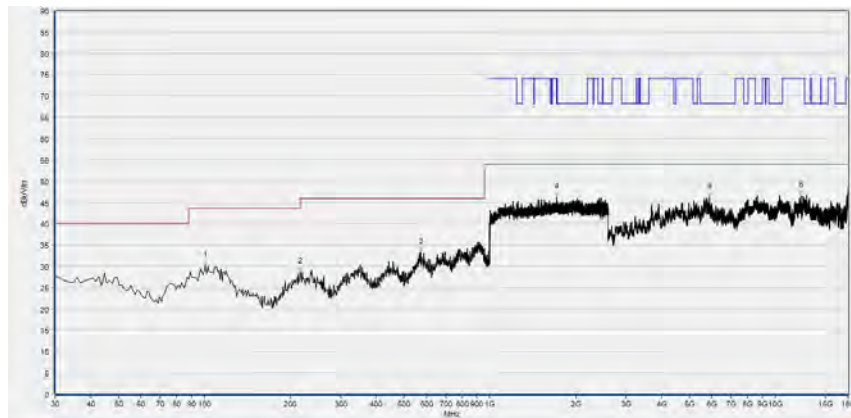


Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
93.050	29.11	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
217.210	27.40	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
581.930	32.99	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2414.400	46.63	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5636.880	46.53	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12157.240	46.86	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

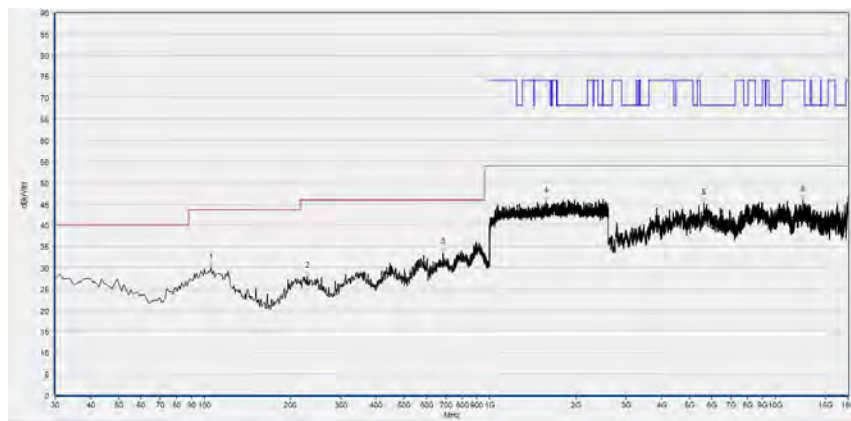


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	30.23	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
216.240	28.72	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
574.170	33.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1716.800	46.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5874.040	46.27	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12286.600	46.60	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

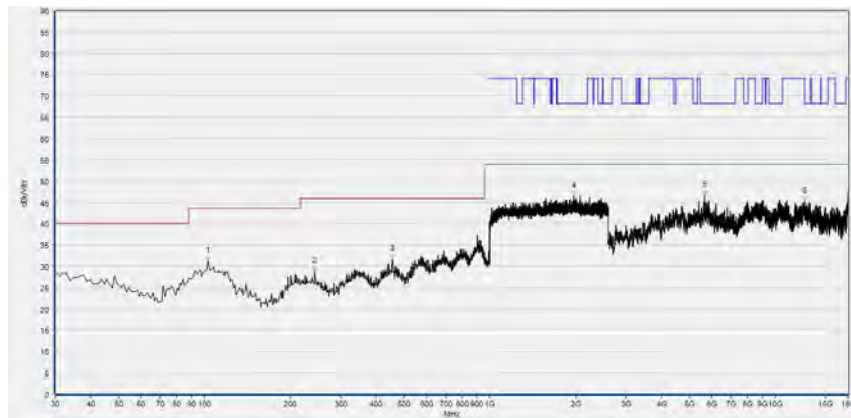


Plot for Channel 157



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.660	30.00	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
228.850	28.03	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
687.660	33.51	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1573.867	45.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5630.720	45.24	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12533.000	45.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

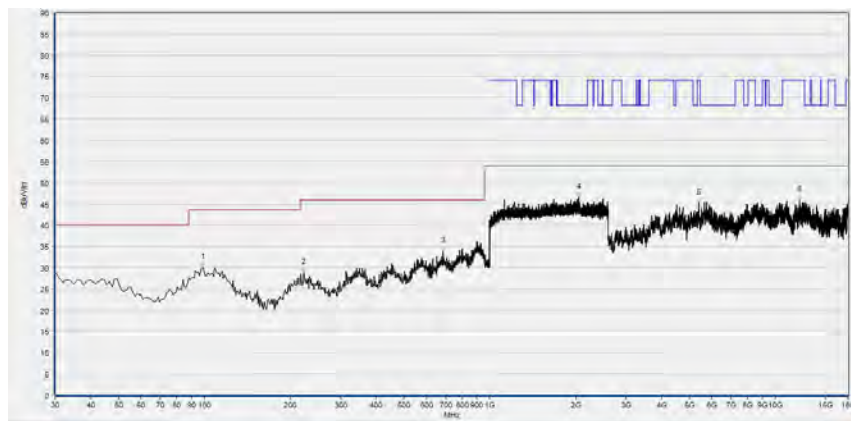


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	31.22	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
243.400	28.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
454.860	31.61	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1970.133	46.39	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5658.440	46.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12674.680	45.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

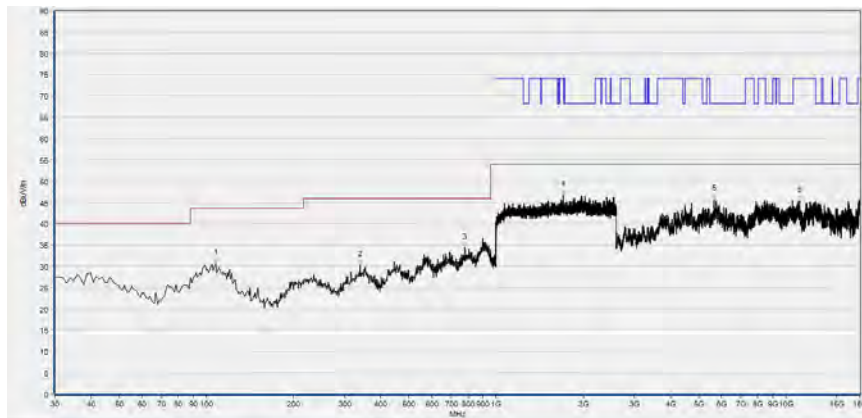


Plot for Channel 165



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	29.92	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
223.030	28.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
685.720	33.82	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2045.867	46.64	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5387.400	45.18	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12181.880	45.98	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



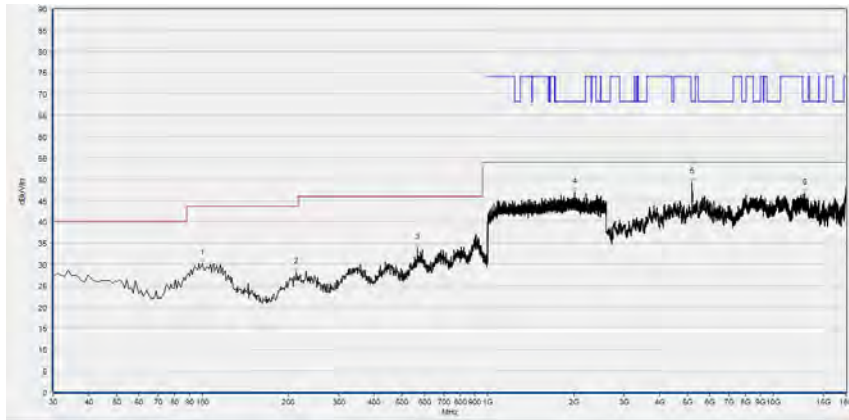
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	30.63	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
339.430	30.27	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
778.840	34.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1708.267	46.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5652.280	45.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11131.600	45.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)



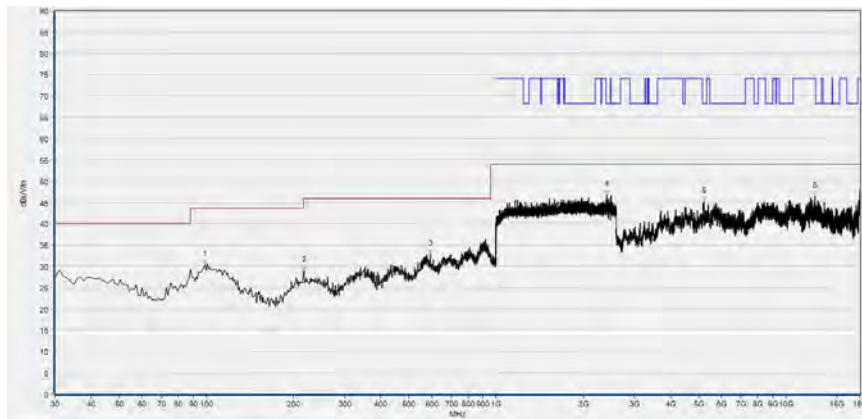
802.11n (HT40) mode

Plot for Channel 38



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	30.19	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
213.330	28.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
567.380	33.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2011.200	46.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5193.360	49.21	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12881.040	46.75	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

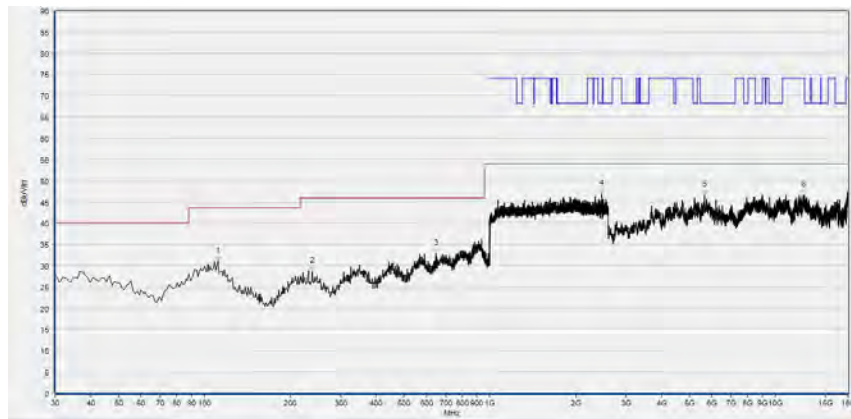


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	30.31	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
217.210	28.93	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
593.570	32.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2408.000	46.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5199.520	45.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12600.760	46.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

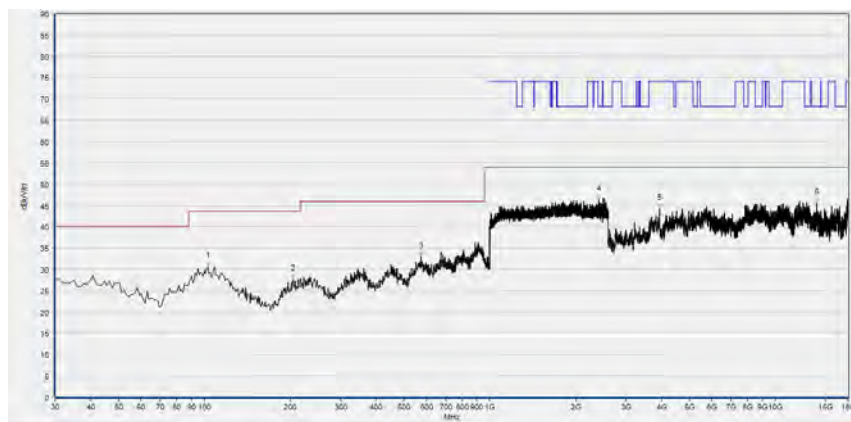


Plot for Channel 46



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	30.97	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
238.550	28.60	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
645.950	32.78	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2461.333	46.92	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5649.200	46.55	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12603.840	46.60	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

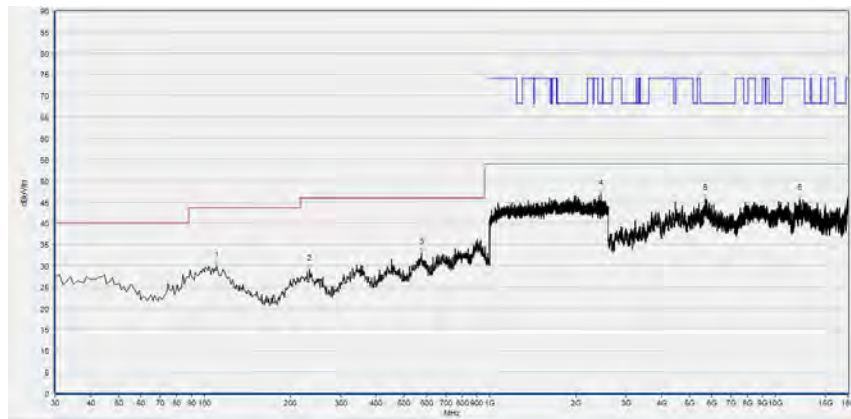
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	30.67	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
204.600	27.57	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
575.140	33.00	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2408.000	46.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
3930.560	44.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13955.960	45.59	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

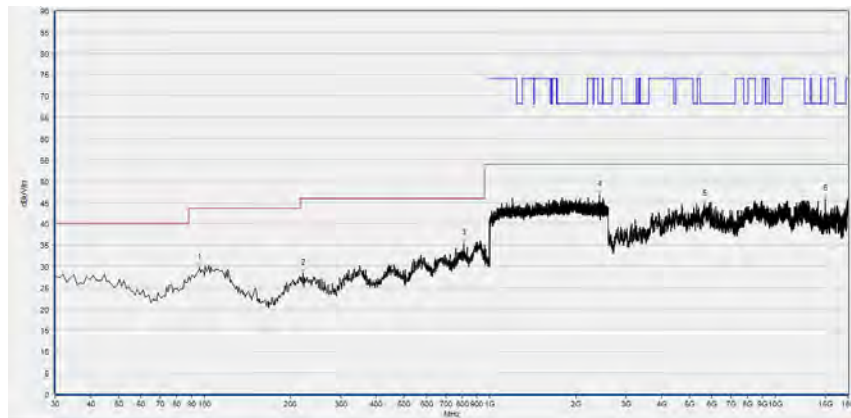
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 151



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	29.94	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
233.700	29.18	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
576.110	32.99	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2453.867	46.85	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5670.760	45.74	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12169.560	45.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

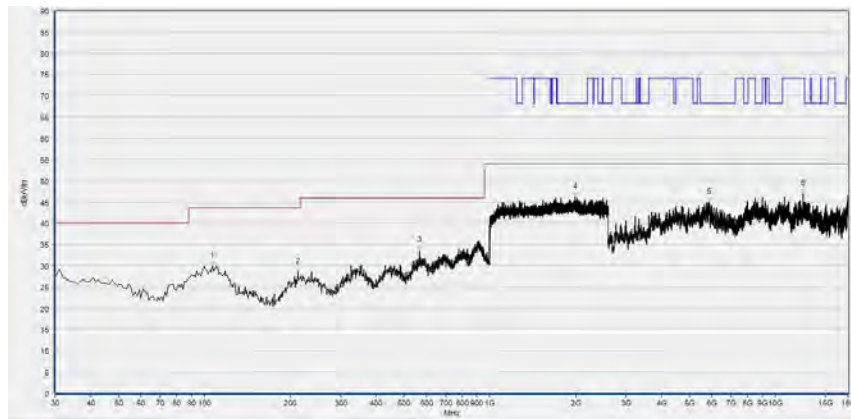
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
95.960	29.65	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
222.060	28.34	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
809.880	35.35	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2418.667	46.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5655.360	44.66	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
15003.160	45.77	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

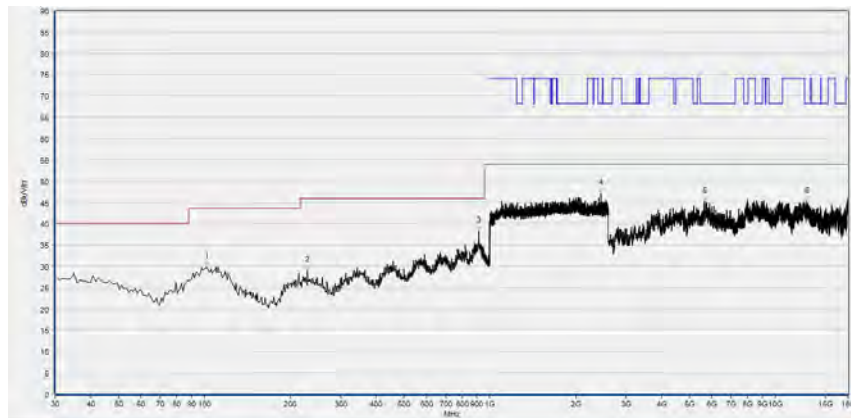
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 159



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	29.76	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
212.360	28.51	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
567.380	33.55	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1993.600	46.04	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5861.720	44.97	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12529.920	46.95	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

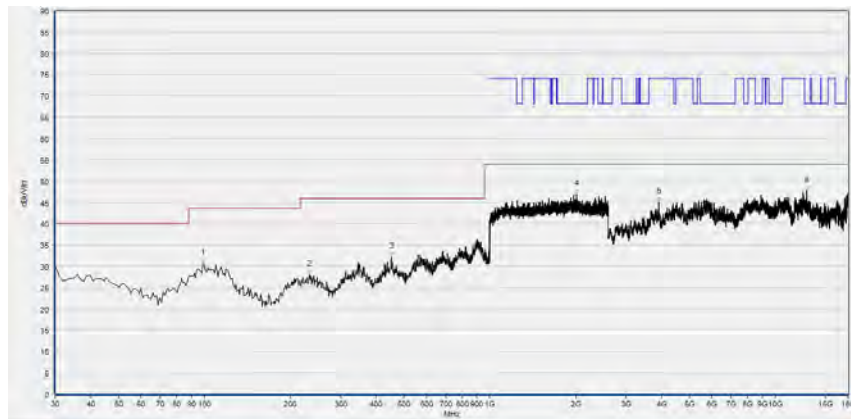


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	29.77	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
229.820	28.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
913.670	38.17	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2450.133	47.01	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5652.280	45.28	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12914.920	45.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

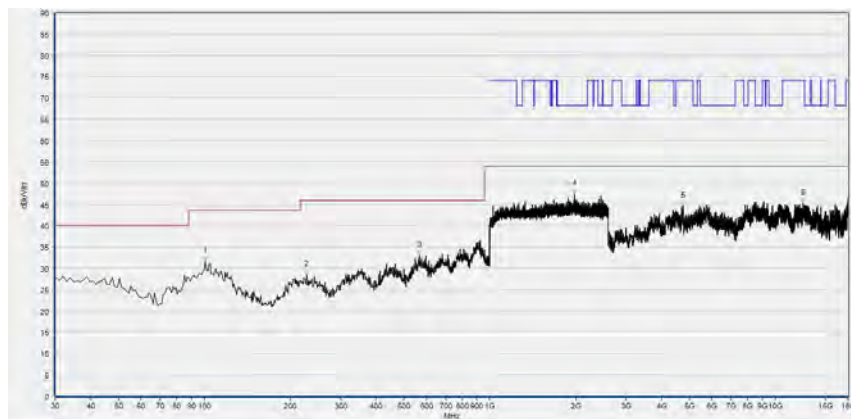
**802.11ac (VHT80) Mode**

Plot for Channel 42



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	30.74	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
233.700	28.05	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
451.950	32.14	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2010.133	46.86	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
3909.000	45.13	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12884.120	47.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

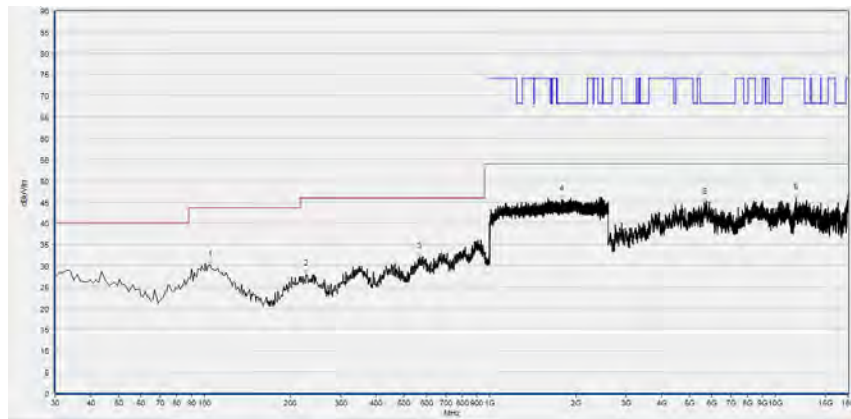
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	31.62	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
227.880	28.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
566.410	32.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1984.533	47.45	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4768.320	44.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12517.600	45.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

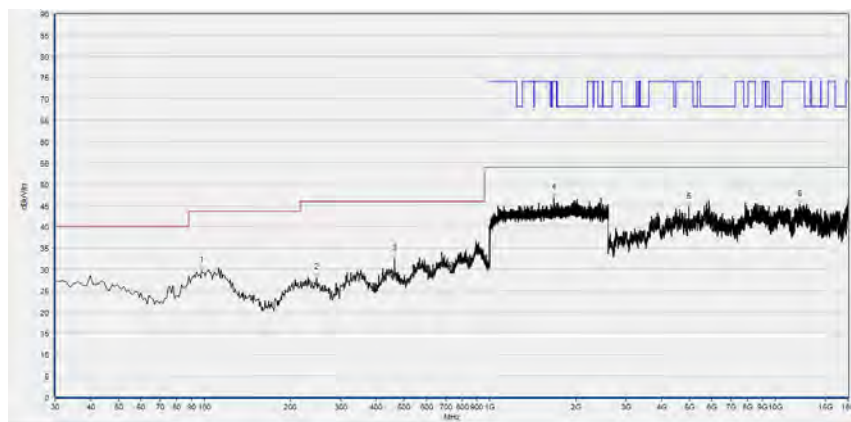
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 155



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	30.11	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
226.910	28.07	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
565.440	31.93	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1785.600	45.66	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5643.040	44.97	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11840.000	45.86	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

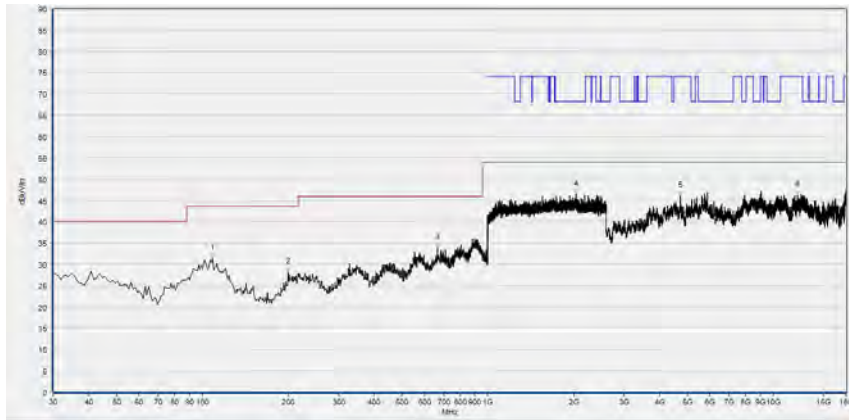


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
97.900	29.63	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
247.280	27.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
464.560	32.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1676.800	46.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4968.520	44.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12160.320	45.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

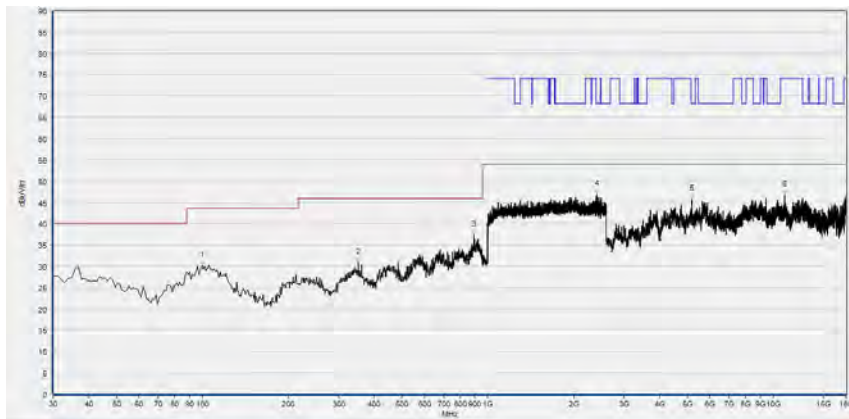
**802.11ax (HEW20) Mode**

Plot for Channel 36



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.570	31.37	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
199.750	28.13	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
666.320	33.83	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2038.400	46.41	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4719.040	46.04	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12166.480	46.18	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

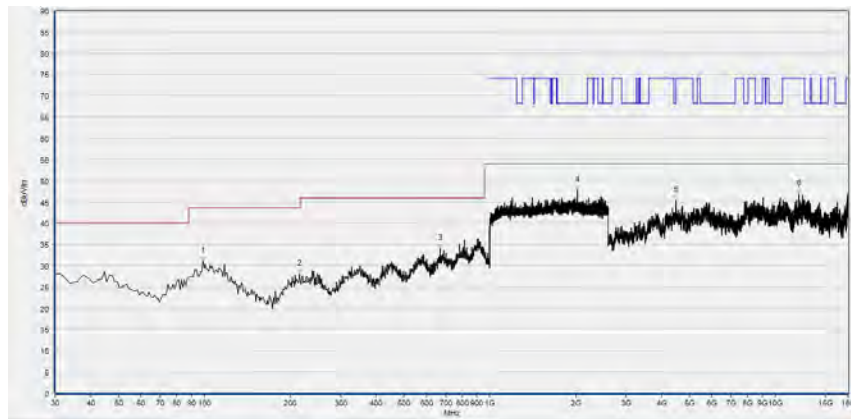


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	30.19	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
352.040	30.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
893.300	37.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2405.333	46.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5184.120	45.79	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10977.600	46.69	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

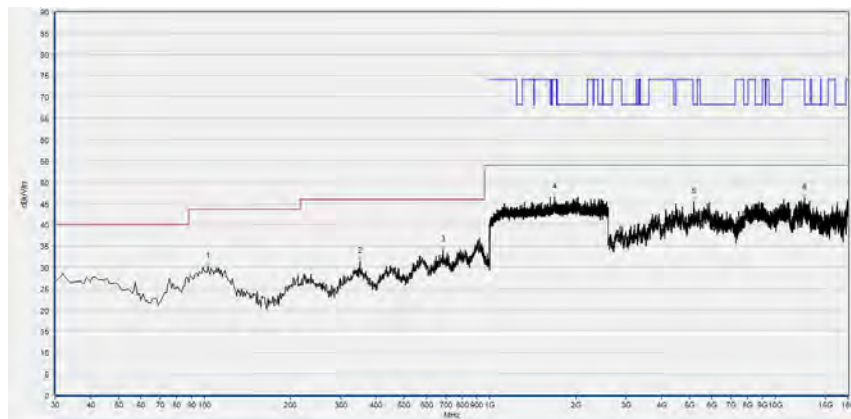


Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	31.03	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
215.270	27.97	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
669.230	34.02	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2026.667	47.71	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4484.960	45.48	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12061.760	46.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

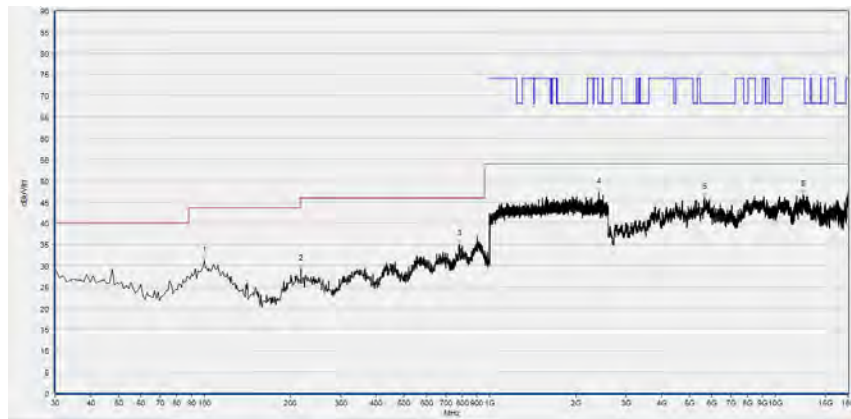


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	30.10	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
351.070	31.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
685.720	34.00	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1685.867	46.34	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5177.960	45.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12687.000	46.23	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

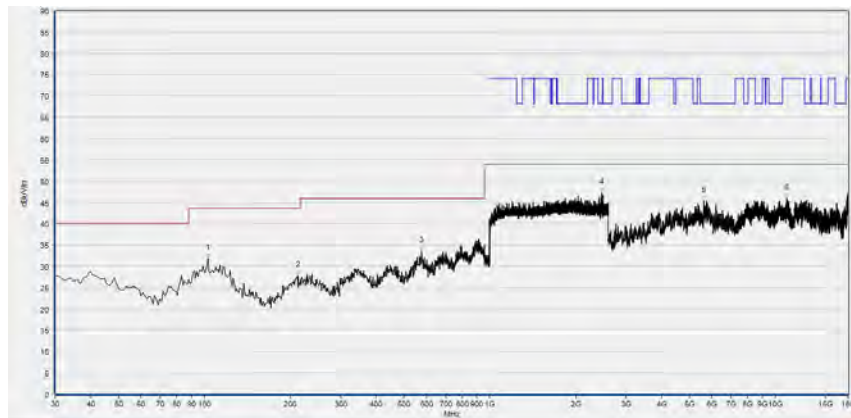


Plot for Channel 48



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	31.12	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
218.180	29.18	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
784.660	34.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2410.667	47.34	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5639.960	46.08	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12514.520	46.80	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

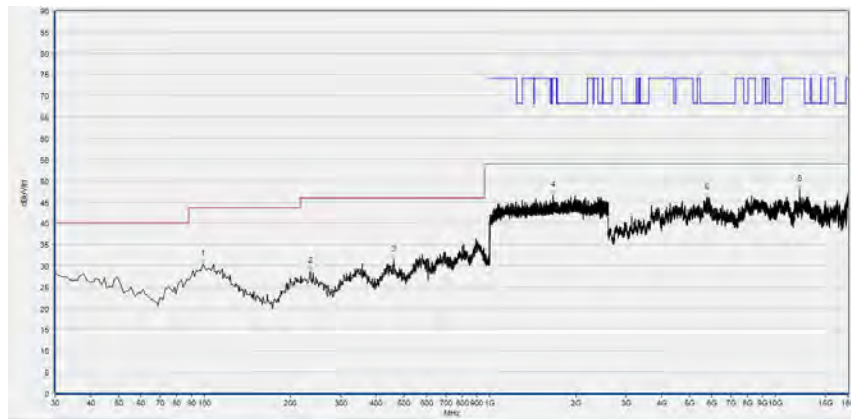


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	31.82	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
213.330	27.77	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
576.110	33.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2458.667	47.20	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5621.480	45.48	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10968.360	45.87	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

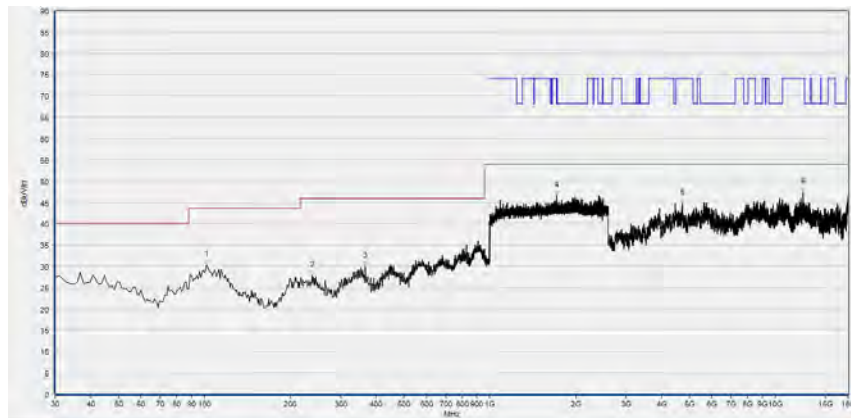


Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	30.36	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
234.670	28.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
459.710	31.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1669.333	46.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5744.680	45.99	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12141.840	47.91	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

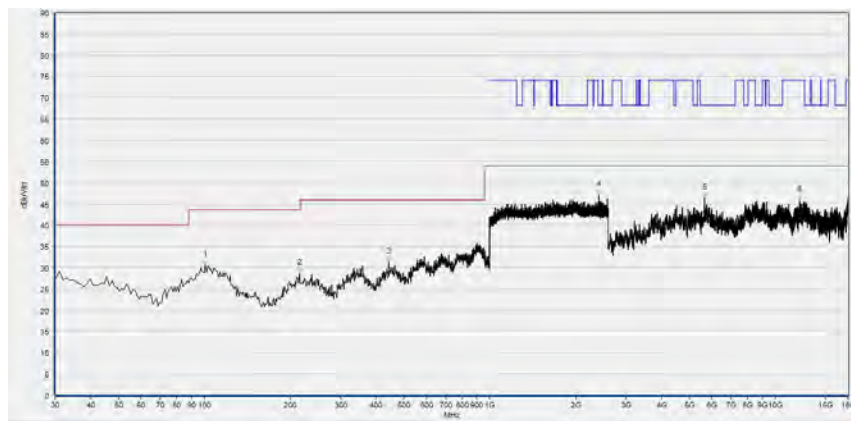


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	30.35	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
238.550	27.83	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
366.590	30.05	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1714.133	46.66	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4731.360	44.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12499.120	47.45	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

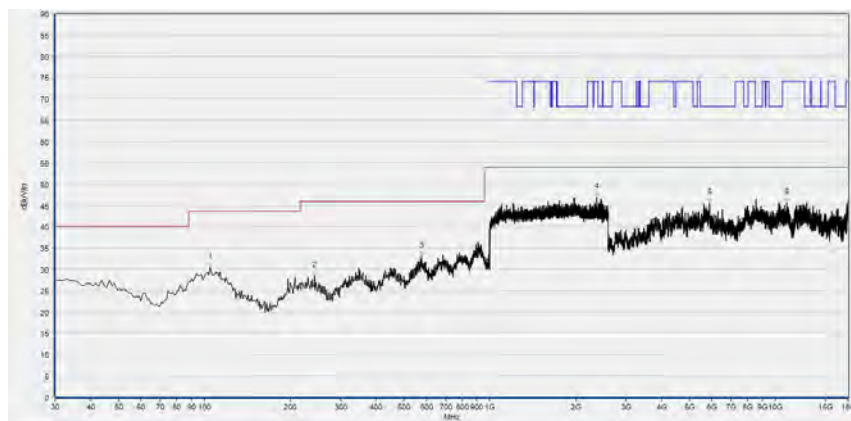


Plot for Channel 157



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	30.71	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
215.270	28.66	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
441.280	31.41	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2412.267	47.16	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5639.960	46.40	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12157.240	45.91	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

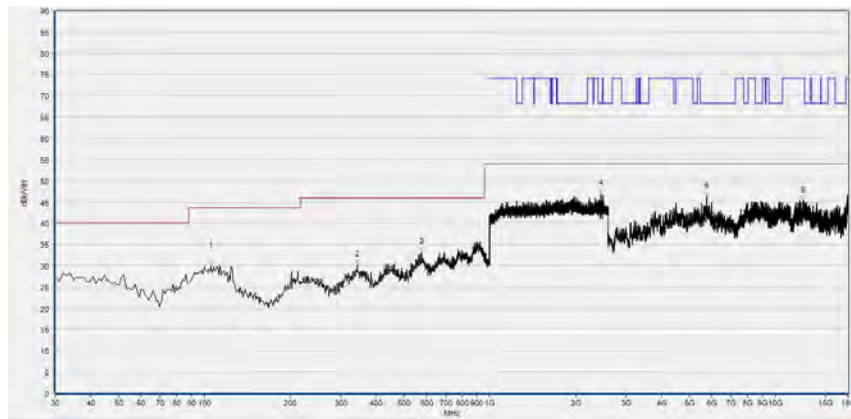
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	30.55	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
243.400	28.42	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
576.110	33.01	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2373.867	46.90	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5877.120	45.57	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10986.840	45.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

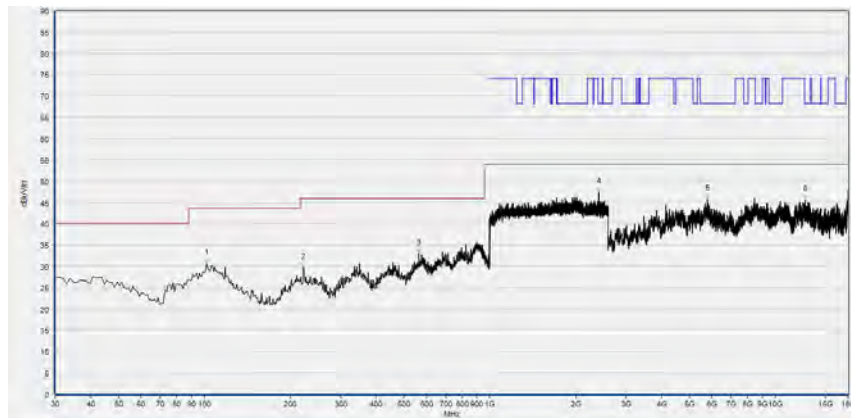
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.660	29.89	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
344.280	30.24	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
578.050	33.22	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2450.667	46.94	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5750.840	46.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12523.760	45.19	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

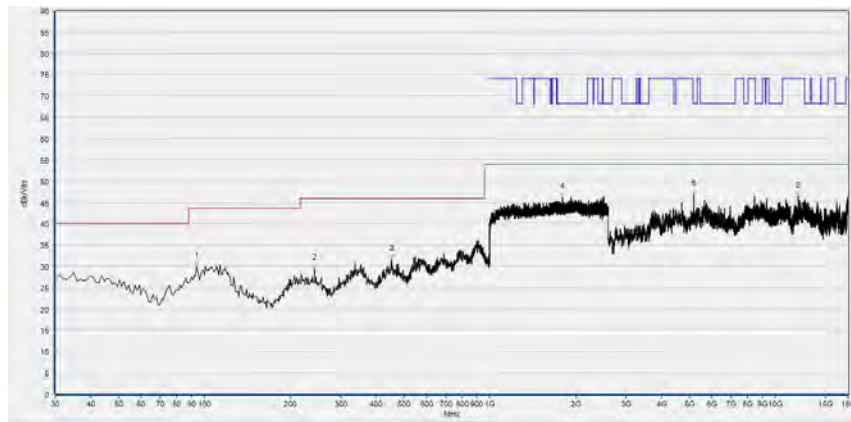


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	30.61	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
222.060	29.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
564.470	32.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2414.400	47.50	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5781.640	45.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12727.040	45.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

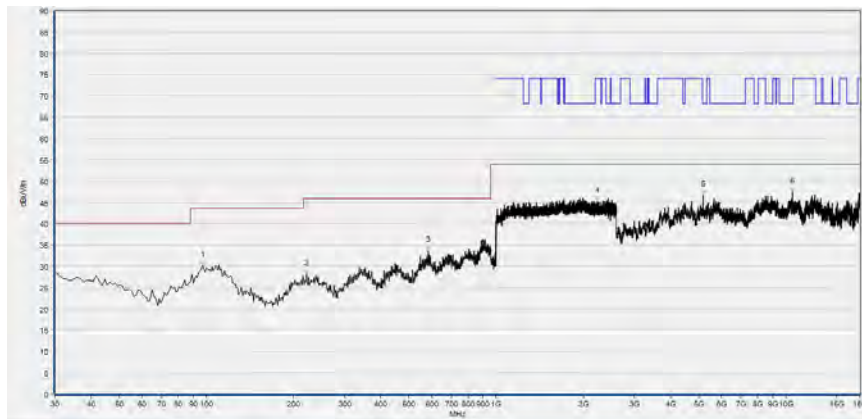
**802.11ax (HEW20) RU26 Mode**

Plot for Channel 36



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
94.020	29.96	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
243.400	29.42	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
453.890	31.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1799.467	46.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5171.800	46.93	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12058.680	46.51	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

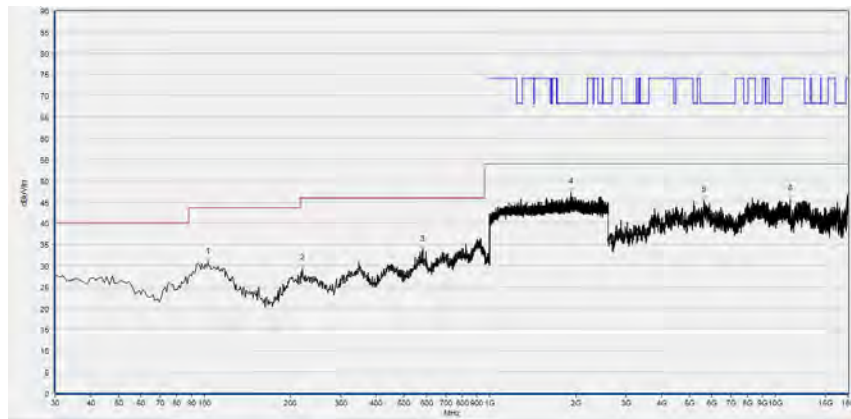
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.930	30.13	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
222.060	28.08	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
582.900	33.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2238.400	45.29	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5171.800	46.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10515.600	47.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

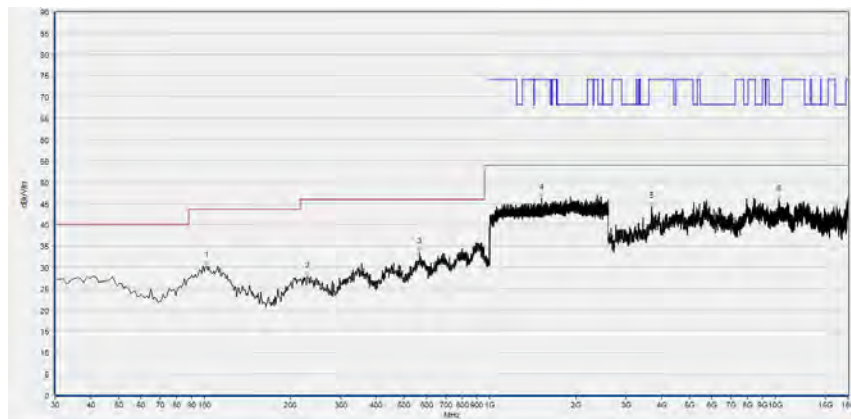
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	30.88	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
220.120	29.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
579.020	33.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1922.667	47.22	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5633.800	45.36	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11285.600	45.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

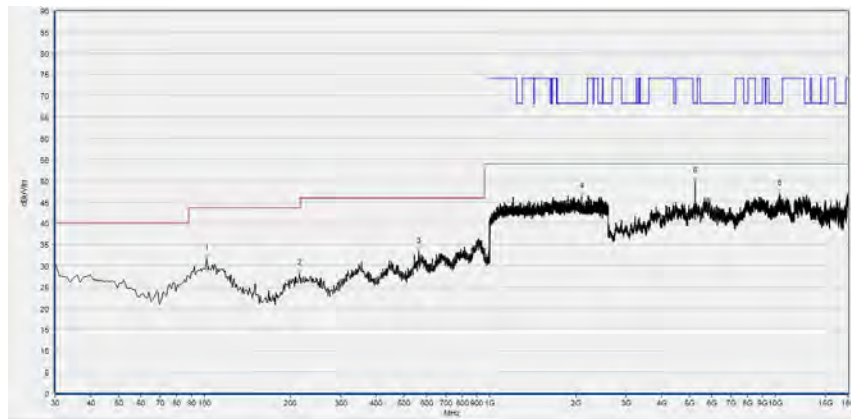


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	30.41	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
229.820	27.88	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
566.410	33.50	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1518.400	46.28	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
3693.400	44.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10309.240	45.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

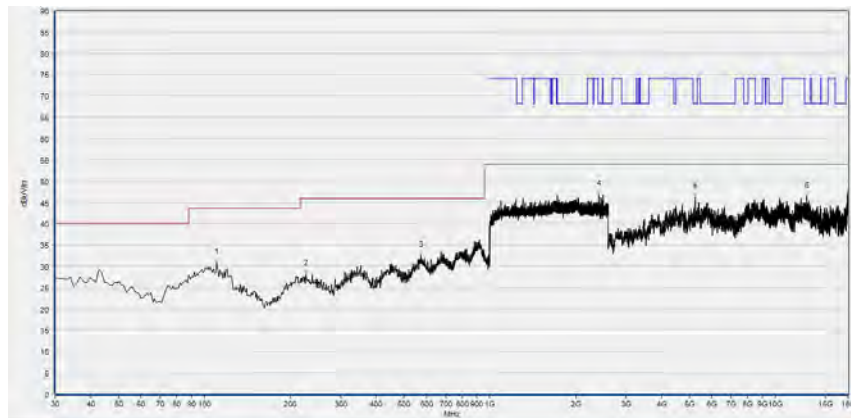


Plot for Channel 48



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	31.61	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
215.270	28.14	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
562.530	33.42	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2100.267	46.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5248.800	49.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10327.720	46.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

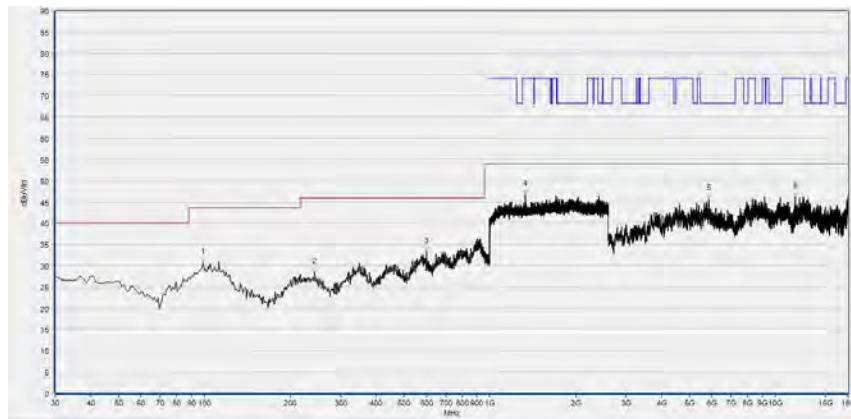


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	30.91	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
226.910	28.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
572.230	32.44	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2413.333	46.95	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5248.800	46.34	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12893.360	46.47	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

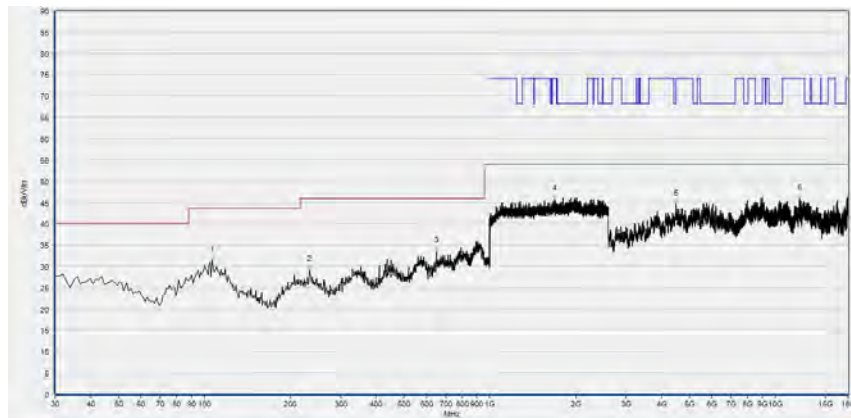


Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	30.68	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
243.400	28.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
601.330	33.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1333.867	46.70	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5858.640	45.74	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11759.920	46.28	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

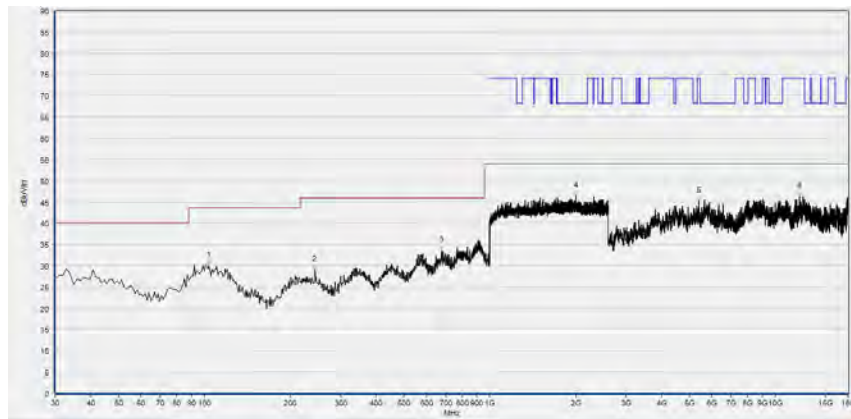
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	31.36	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
233.700	29.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
650.800	33.59	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1681.600	45.77	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4478.800	44.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12157.240	45.97	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

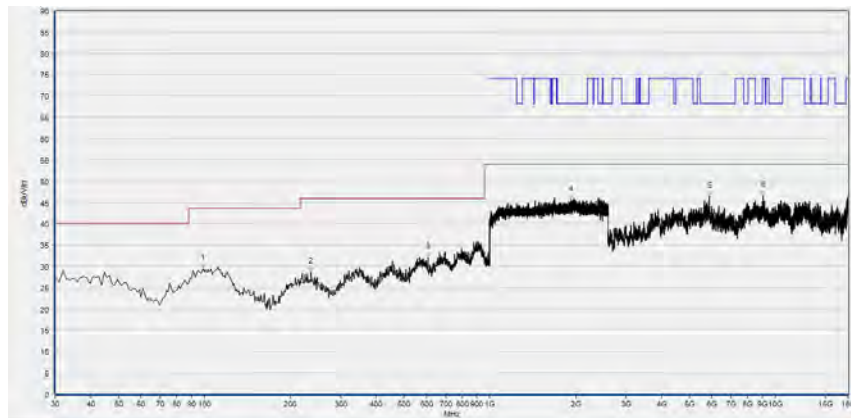
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	30.06	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
243.400	29.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
677.960	33.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1999.467	46.50	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5390.480	45.17	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12141.840	46.19	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

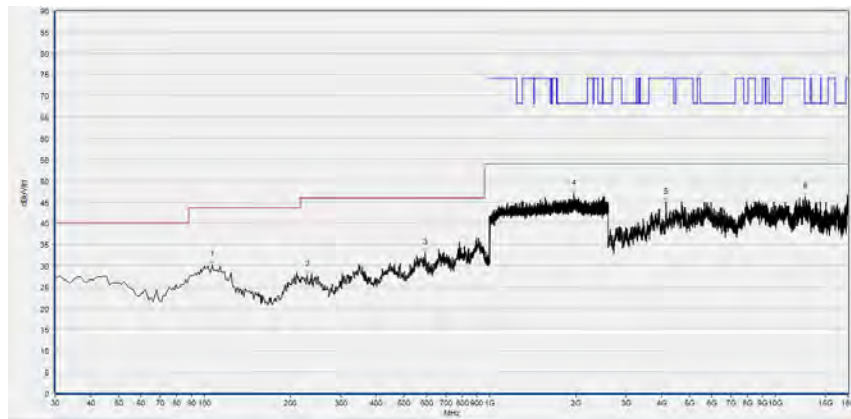
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	29.44	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
236.610	28.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
606.180	31.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1921.600	45.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5867.880	46.46	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9074.160	46.56	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

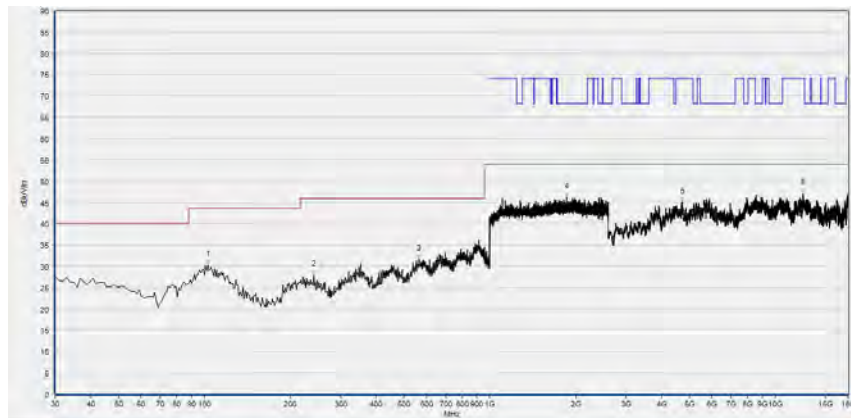
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	30.24	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
228.850	27.76	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
593.570	32.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1972.267	46.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4152.320	44.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12742.440	46.23	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

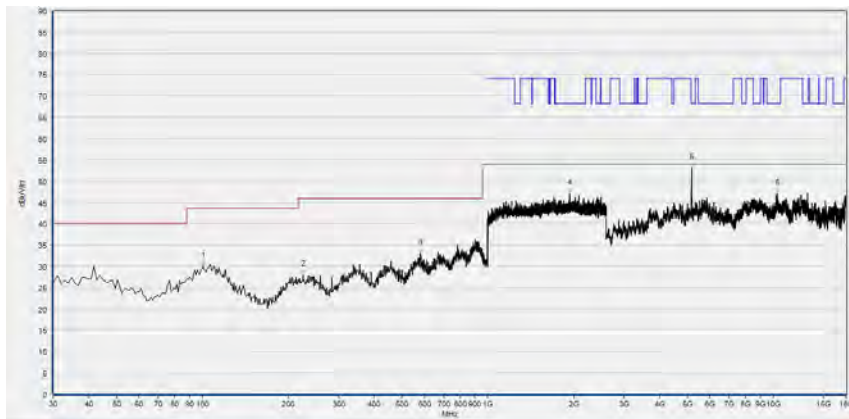


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	30.40	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
241.460	27.91	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
564.470	31.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1853.333	46.31	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4719.040	45.04	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12499.120	47.03	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

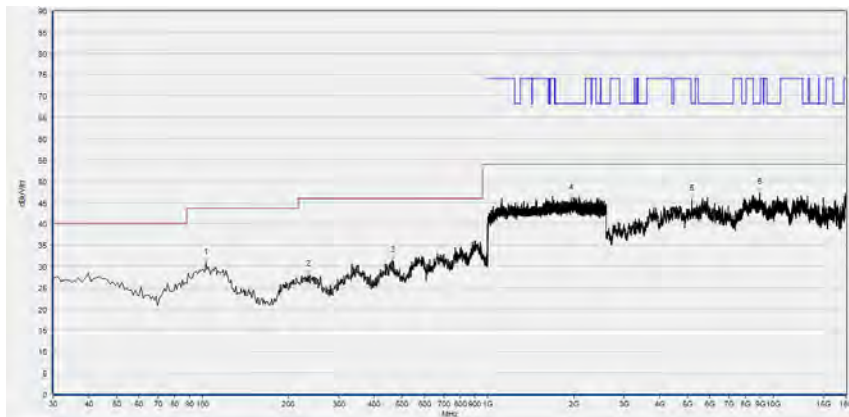
**802.11ax (HEW20) RU52 Mode**

Plot for Channel 36



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	30.03	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
224.970	28.06	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
579.990	32.96	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1936.000	47.11	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5171.800	53.11	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10327.720	47.08	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

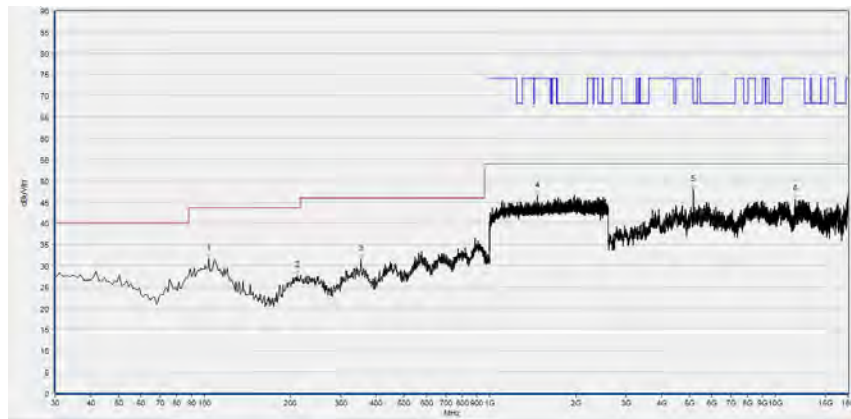


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	30.82	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
234.670	27.91	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
464.560	31.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1955.733	45.95	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5171.800	45.71	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8941.720	47.19	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

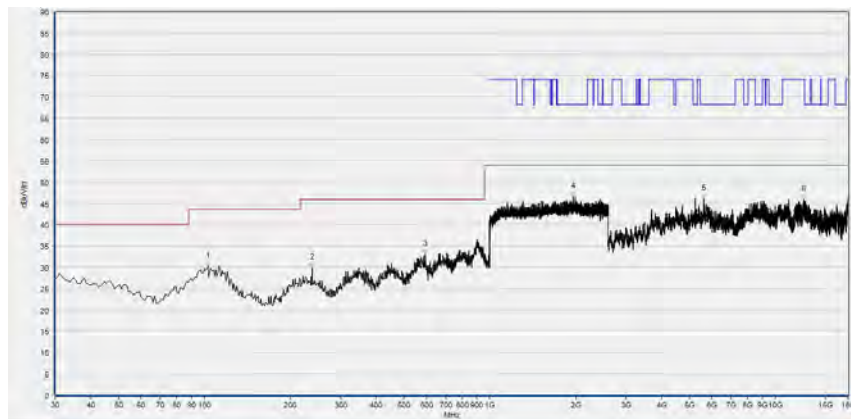


Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	31.62	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
211.390	27.61	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.980	31.46	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1465.600	46.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5218.000	47.93	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11732.200	45.51	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

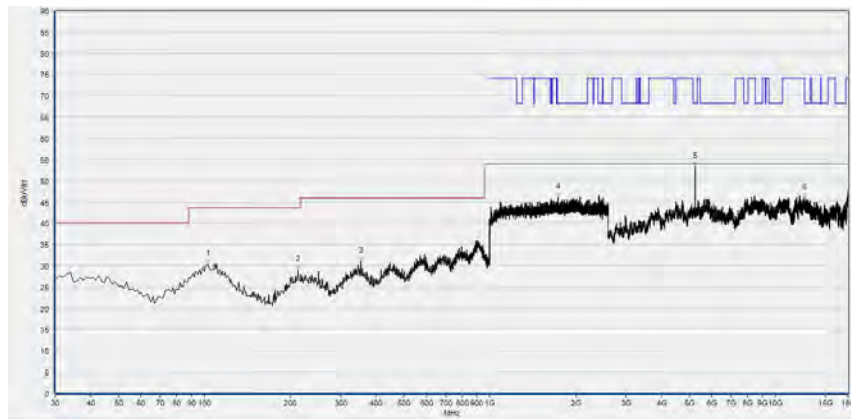
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	30.20	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
238.550	29.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
594.540	33.06	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1961.600	46.64	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5624.560	46.13	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12591.520	45.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

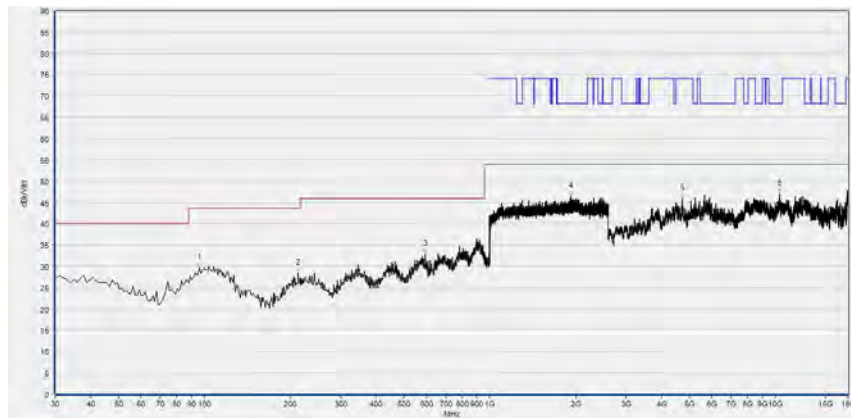
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	30.38	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
213.330	29.02	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.010	31.03	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1730.133	46.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5245.720	53.22	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12693.160	45.93	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

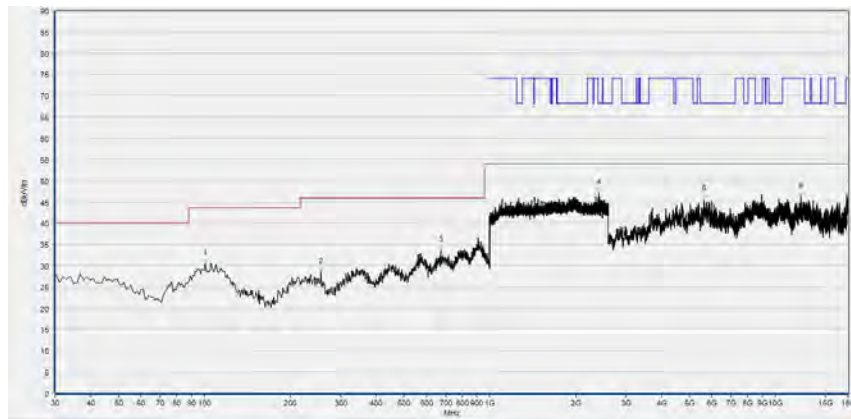
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
95.960	29.70	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
213.330	28.36	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
594.540	32.90	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1928.533	46.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4715.960	45.96	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
10343.120	46.88	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

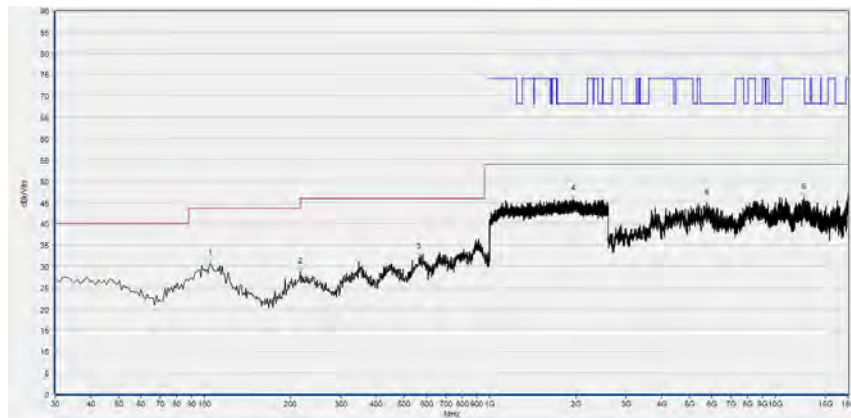
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	30.47	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
256.010	28.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
672.140	33.53	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2411.200	47.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5633.800	45.59	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12329.720	46.26	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

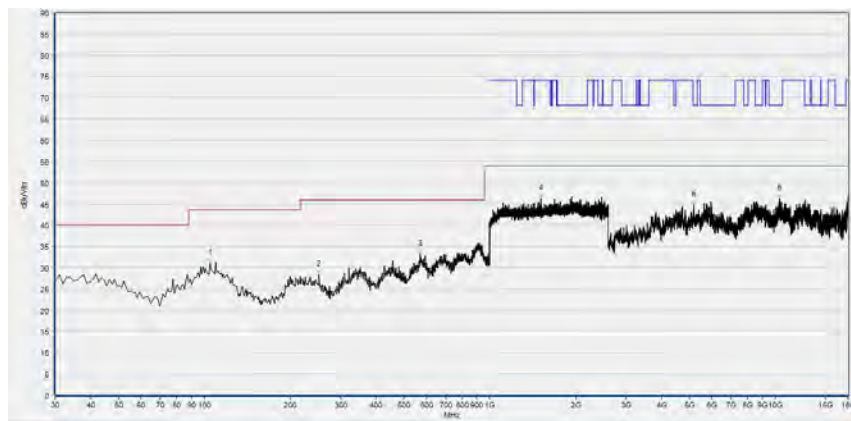


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	30.59	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
216.240	28.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
564.470	32.03	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1953.067	45.83	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5757.000	44.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12606.920	46.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

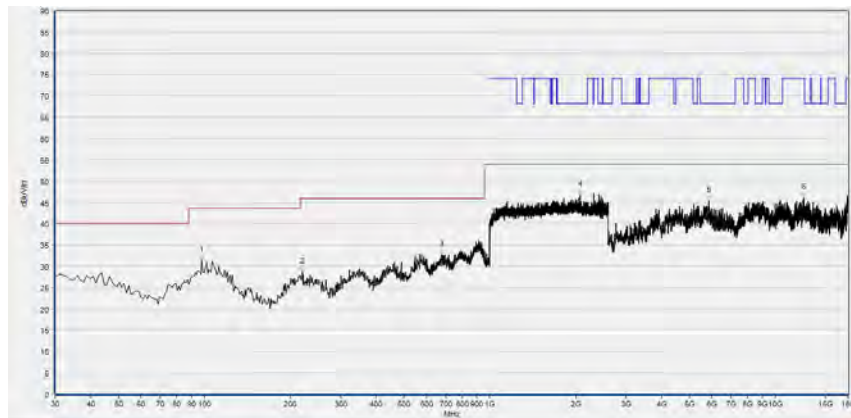


Plot for Channel 157



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	31.00	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
252.130	28.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
570.290	33.17	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1510.400	46.23	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5177.960	44.68	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10361.600	46.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

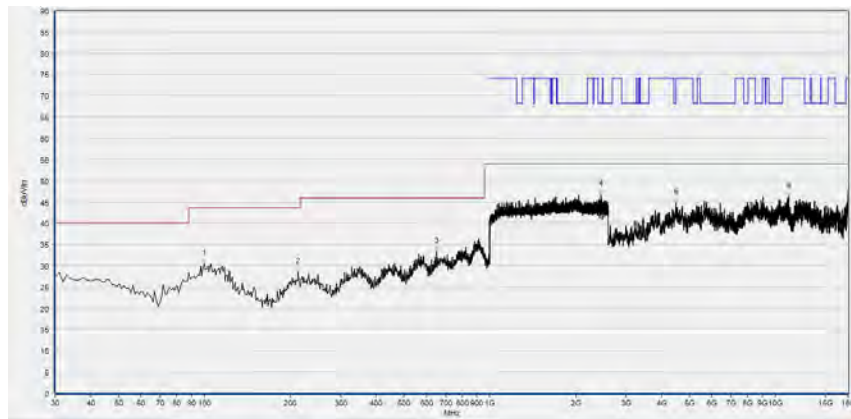


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
97.900	31.29	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
220.120	28.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
678.930	32.66	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2078.933	46.79	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5855.560	45.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12622.320	46.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

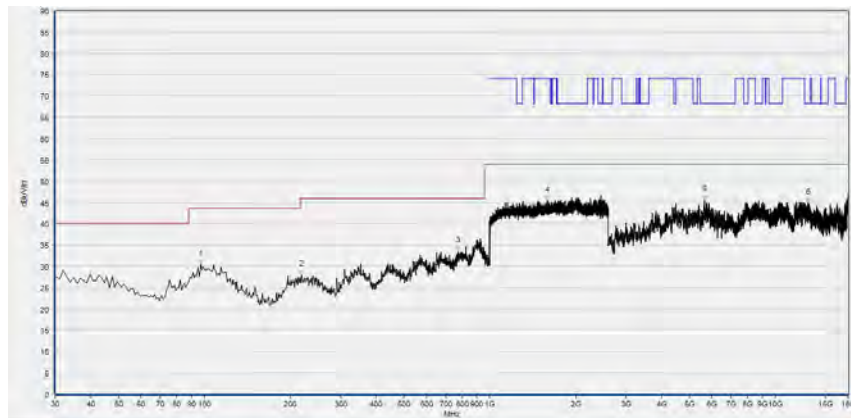


Plot for Channel 165



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	30.45	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
213.330	28.56	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
650.800	33.38	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2445.867	46.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4481.880	44.67	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11125.440	46.29	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

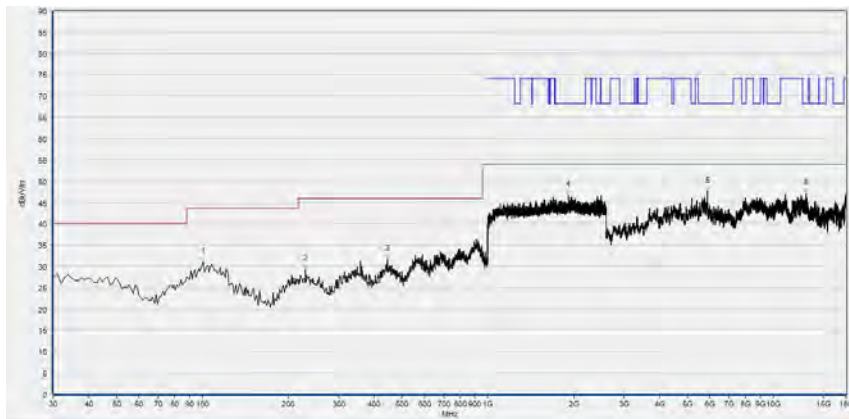


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.930	30.52	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.150	27.98	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
773.020	33.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1587.200	45.39	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5652.280	45.55	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13065.840	44.99	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

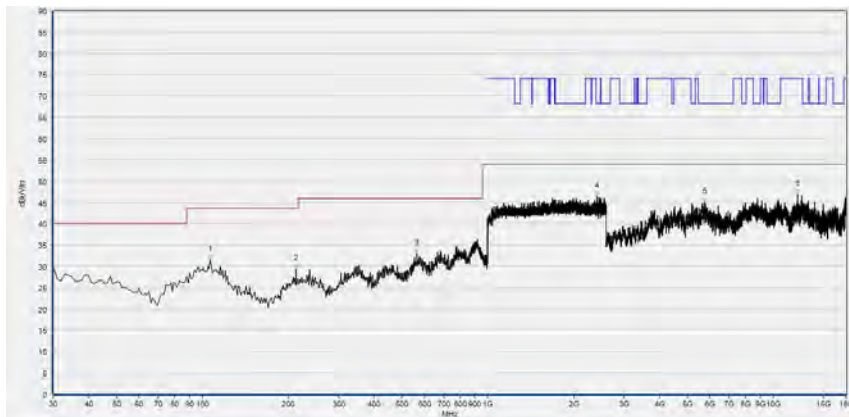
**802.11ax (HEW20) RU106 Mode**

Plot for Channel 36



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	31.03	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
229.820	29.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
445.160	31.63	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1917.867	46.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5867.880	47.65	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13065.840	47.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

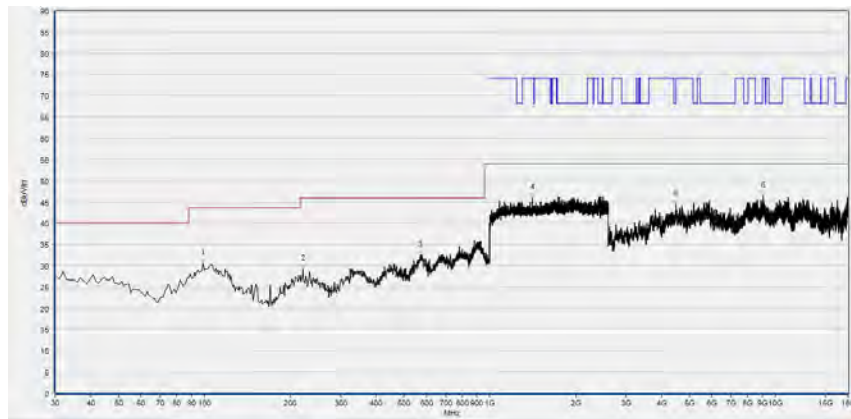
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	31.49	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
212.360	29.30	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
564.470	33.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2411.733	46.50	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5760.080	45.14	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12178.800	46.99	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

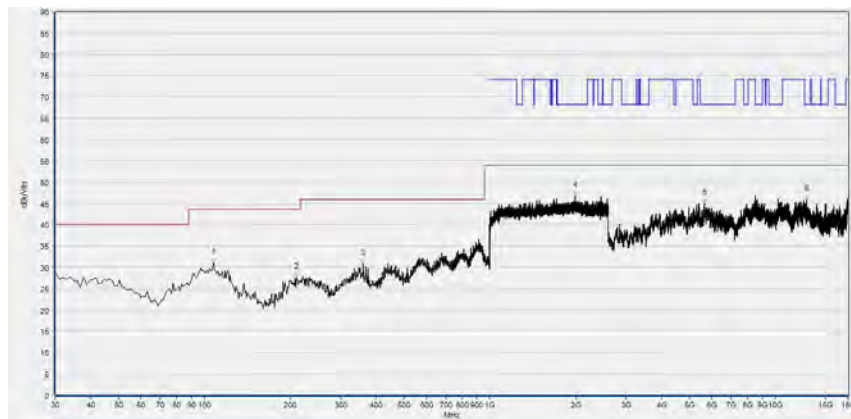
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
98.870	30.46	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
221.090	29.20	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
571.260	32.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1408.533	45.90	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4484.960	44.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9089.560	46.40	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

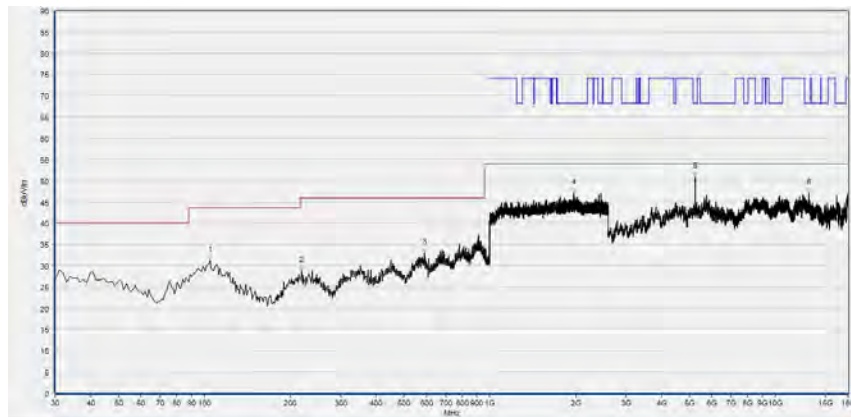


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	31.08	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
210.420	27.63	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
359.800	30.83	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1988.800	46.79	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5646.120	45.11	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12884.120	45.92	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

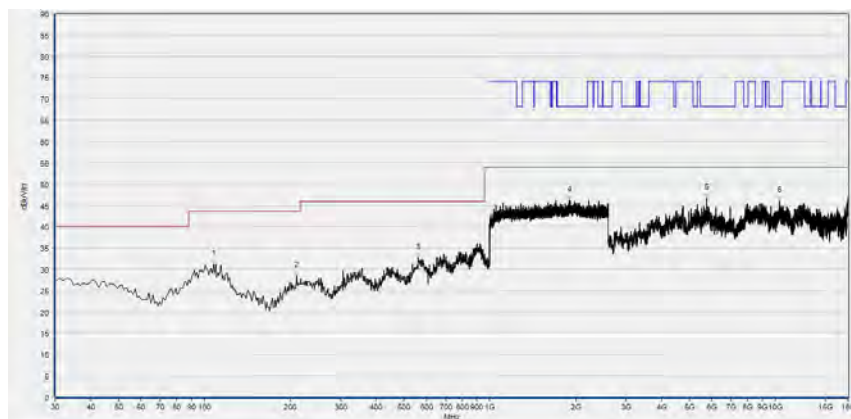


Plot for Channel 48



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	31.15	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
219.150	28.76	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
590.660	33.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1972.800	47.16	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5248.800	50.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13093.560	47.08	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

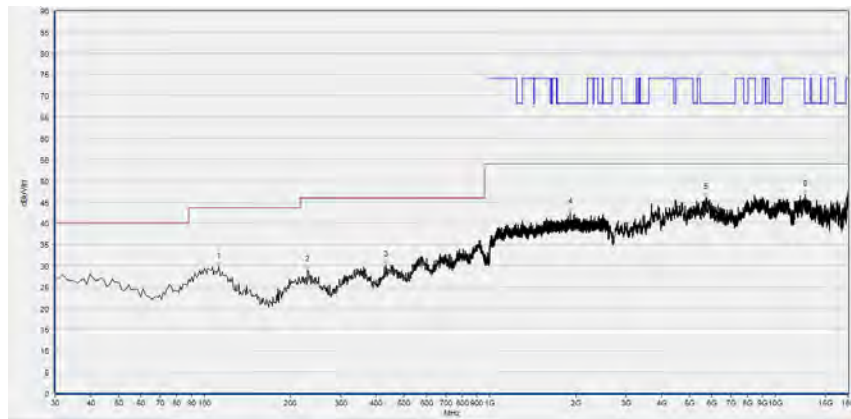


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	31.09	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
210.420	28.53	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
561.560	32.68	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1900.267	46.33	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5753.920	46.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10340.040	46.03	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

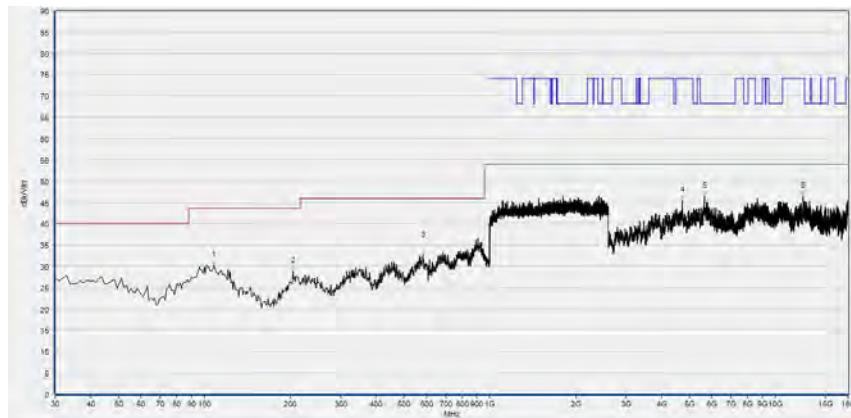


Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.450	29.74	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
229.820	28.95	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
433.520	30.23	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1913.600	42.57	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5732.360	46.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12730.120	46.75	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

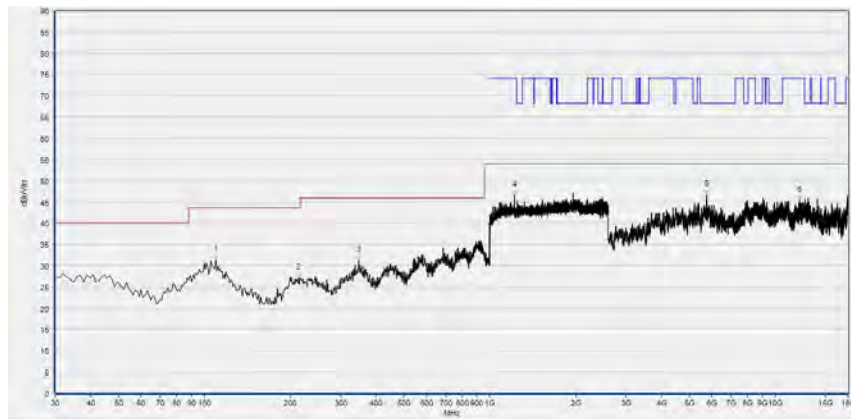


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	30.15	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
204.600	28.82	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
581.930	32.75	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4715.960	45.44	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5636.880	46.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12492.960	46.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

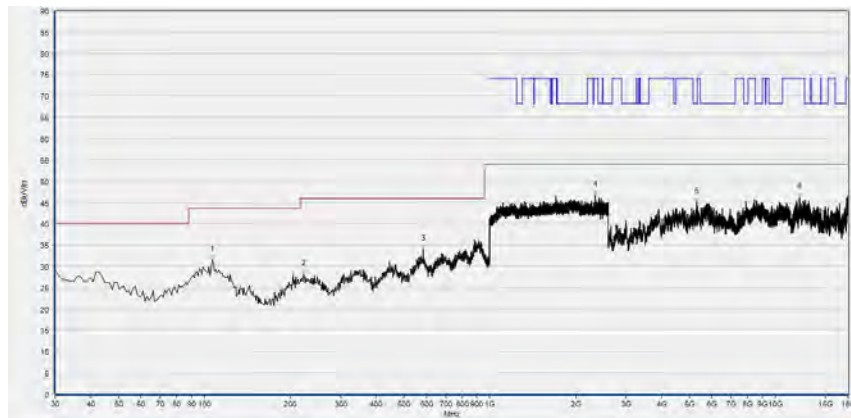


Plot for Channel 157



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	31.34	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
214.300	27.09	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
347.190	31.24	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1221.867	46.53	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5763.160	46.68	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12144.920	45.35	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

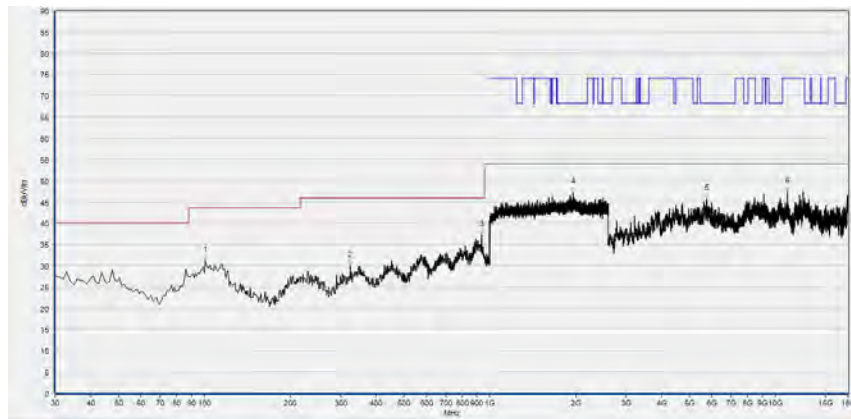


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	31.59	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
223.030	28.23	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
584.840	33.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2345.067	46.83	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5301.160	45.02	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12172.640	46.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

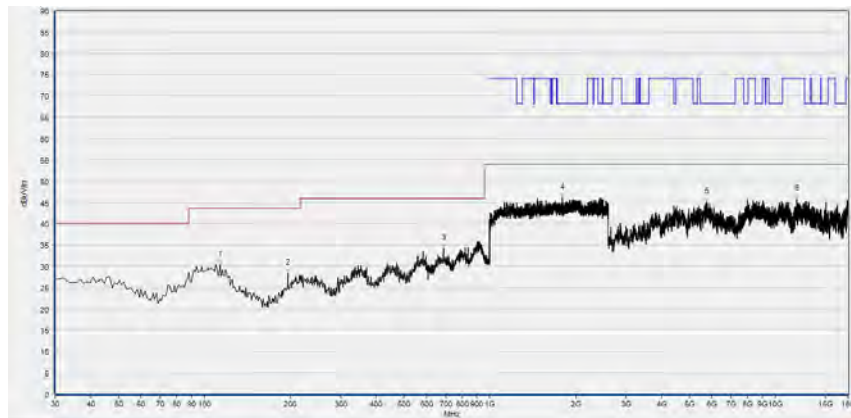


Plot for Channel 165



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	31.16	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
324.880	30.03	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
936.950	37.26	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1957.333	47.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5744.680	45.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11020.720	47.41	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
113.420	30.33	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
195.870	28.32	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
688.630	34.12	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1796.800	46.04	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5735.440	45.03	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11870.800	45.70	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Annex A Test Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for test performed on the EUT as specified in CISPR 16-1-2:

Test Items	Uncertainty
Peak Output Power	$\pm 2.22\text{dB}$
Power Spectral Density	$\pm 2.22\text{dB}$
Bandwidth	$\pm 5\%$
Restricted Frequency Bands	$\pm 5\%$
Radiated Emission	$\pm 2.95\text{dB}$
Conducted Emission	$\pm 2.44\text{dB}$

This uncertainty represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



Annex B Testing Laboratory Information

1. Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Facilities and Accreditations

All measurement facilities used to collect the measurement data are located at FL.3, Building A, FeiYang Science Park, Block 67, BaoAn District, Shenzhen, 518101 P. R. China. The test site is constructed in conformance with the requirements of ANSI C63.10-2013 and CISPR Publication 22; the FCC designation number is CN1192, the test firm registration number is 226174.



4. Test Equipments Utilized

4.1 Conducted Test Equipments

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Attenuator 1	N/A	10dB	Resnet	N/A	N/A
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2022.03.01	2023.02.28
USB Wideband Power Sensor	MY54210011	U2021XA	Agilent	2022.10.11	2023.10.10
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
Coaxial Cable	CB02	RF02	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A
Temperature Chamber	12108015	DTL-003S101	YOMA	2022.10.10	2023.10.09

4.2 Conducted Emission Test Equipments

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY56400093	N9038A	KEYSIGHT	2022.03.03	2023.03.02
LISN	812744	NSLK 8127	Schwarzbeck	2022.03.03	2023.03.02
Pulse Limiter (10dB)	VTSD 9561 F-B #206	VTSD 9561-F	Schwarzbeck	2022.07.06	2023.07.05
Coaxial Cable(BNC) (30MHz-26GHz)	CB01	EMC01	Morlab	N/A	N/A

4.3 List of Software Used

Description	Manufacturer	Software Version
Test System	Tonscend	V2.6
Power Panel	Agilent	V3.8
MORLAB EMCR V1.2	MORLAB	V1.0
TS+ -[JS32-CE]	Tonscend	V2.5.0.0

**4.4 Radiated Test Equipments**

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	MY54130016	N9038A	Agilent	2022.07.06	2023.07.05
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2022.05.25	2025.05.24
Test Antenna - Horn	BBHA9170 #774	BBHA 9170	Schwarzbeck	2022.02.11	2025.02.10
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2022.07.13	2025.07.12
Test Antenna - Horn	01774	BBHA 9120D	Schwarzbeck	2022.07.14	2025.07.13
Coaxial Cable (N male) (9KHz-30MHz)	CB04	EMC04	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB02	EMC02	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-26GHz)	CB03	EMC03	Morlab	N/A	N/A
Coaxial Cable (N male) (30MHz-40GHz)	CB05	EMC05	Morlab	N/A	N/A
1-18GHz pre-Amplifier	61171/61172	S020180L32 03	Tonscend	2022.07.08	2023.07.07
18-26.5GHz pre-Amplifier	46732	S10M100L38 02	Tonscend	2022.07.08	2023.07.07
26-40GHz pre-Amplifier	56774	S40M400L40 02	Tonscend	2022.07.08	2023.07.07
Notch Filter	N/A	WRCG-5150-5350	Wainwright	2022.07.08	2023.07.07
Notch Filter	N/A	WRCG-5470-5725	Wainwright	2022.07.08	2023.07.07
Notch Filter	N/A	WRCG-5725-5850	Wainwright	2022.07.08	2023.07.07



REPORT No. : SZ22080079W02

Equipment Name	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Anechoic Chamber	N/A	9m*6m*6m	CRT	2020.01.06	2023.01.05

_____ END OF REPORT _____