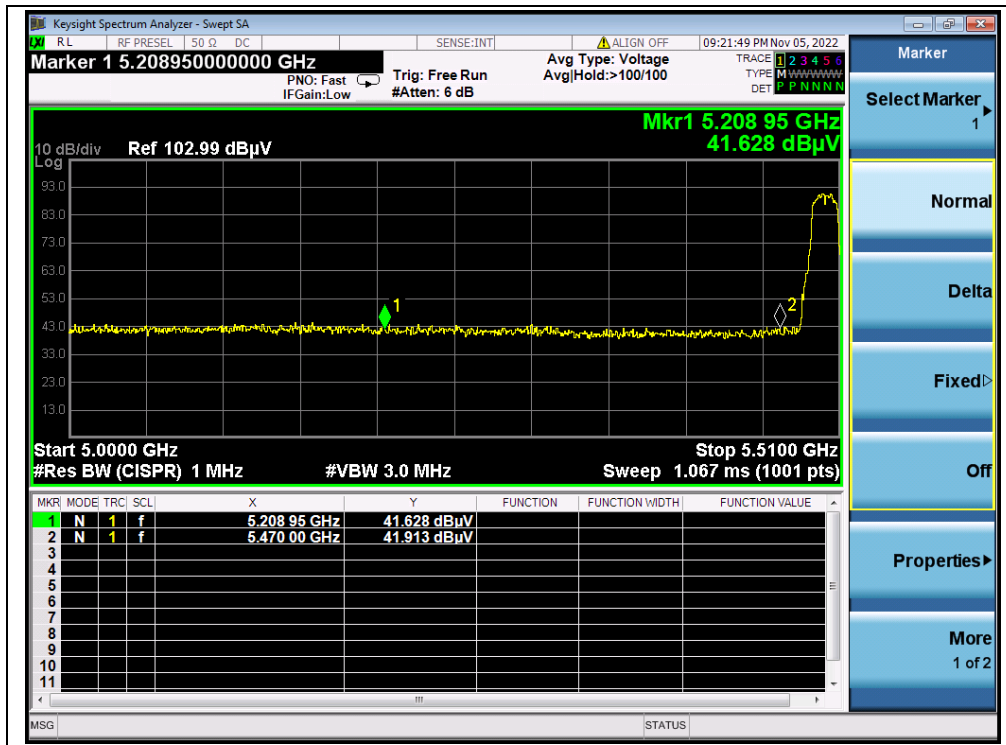


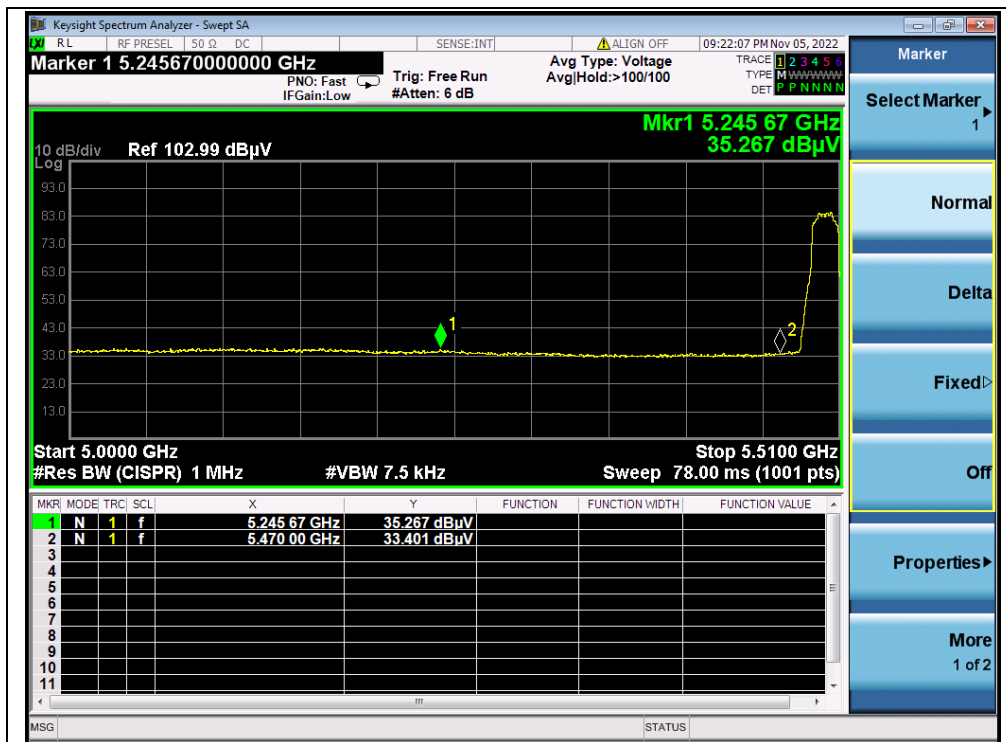
(PEAK, Channel 64, 802.11a)



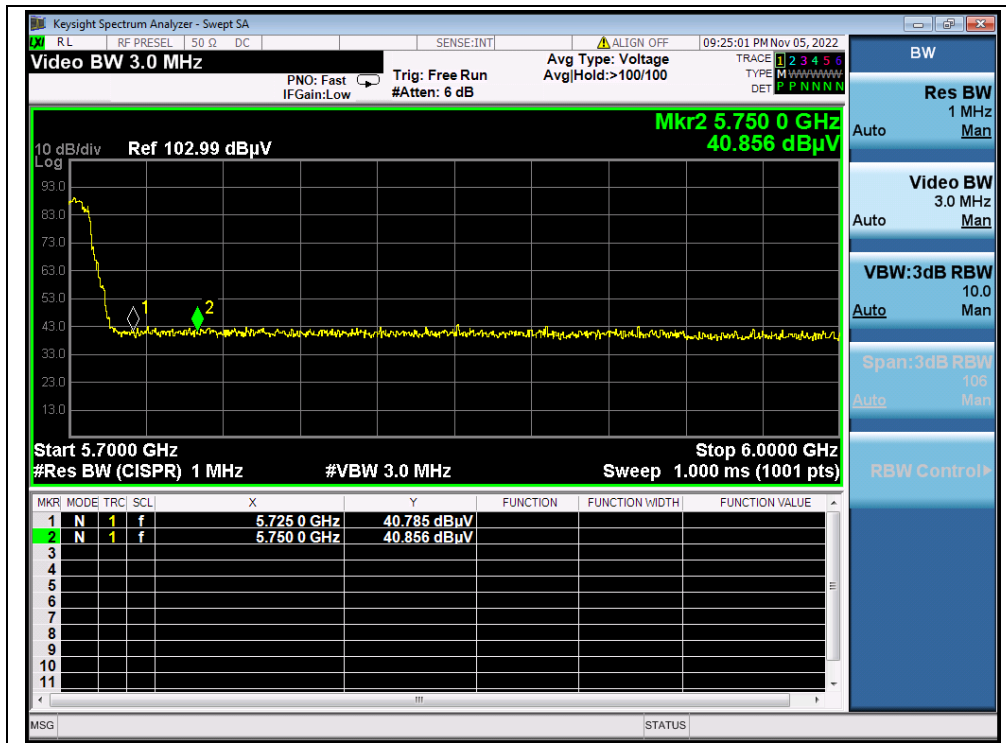
(AVERAGE, Channel 64, 802.11a)



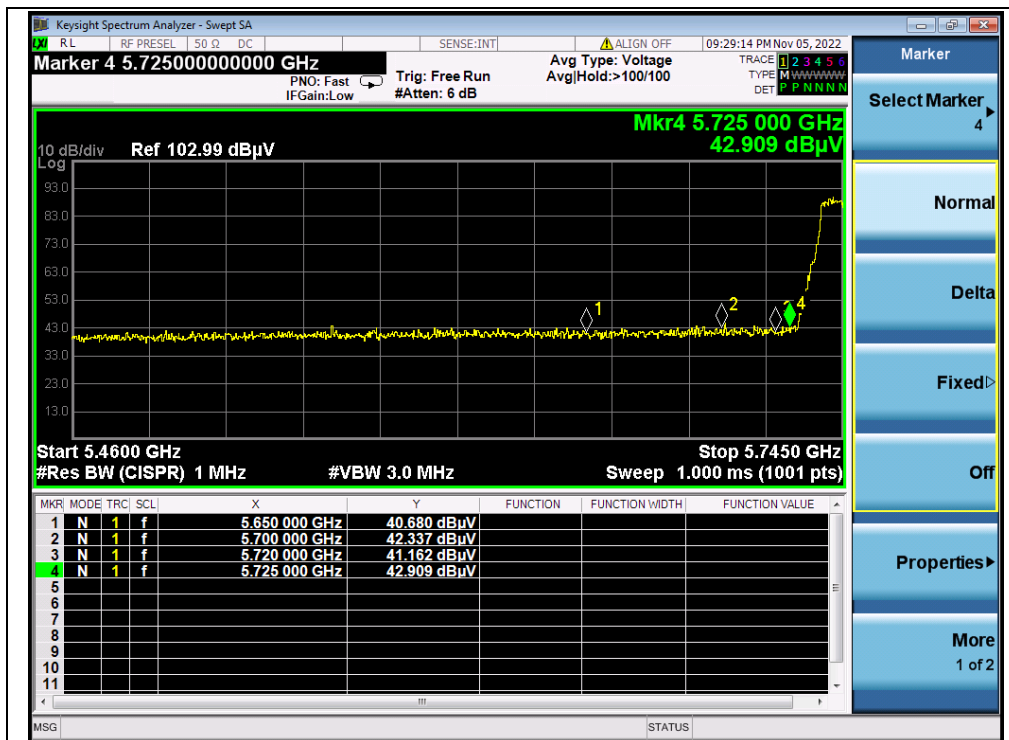
(PEAK, Channel100, 802.11a)



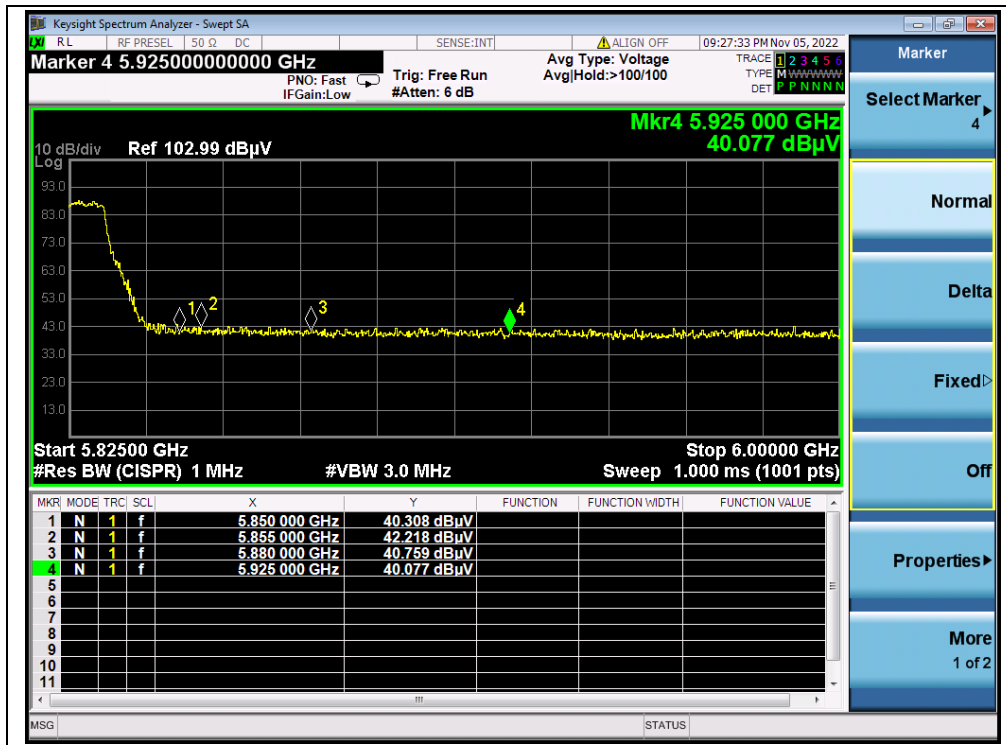
(AVERAGE, Channel 100, 802.11a)



(PEAK, Channel 144, 802.11a)



(PEAK, Channel 149, 802.11a)



(PEAK, Channel 165, 802.11a)

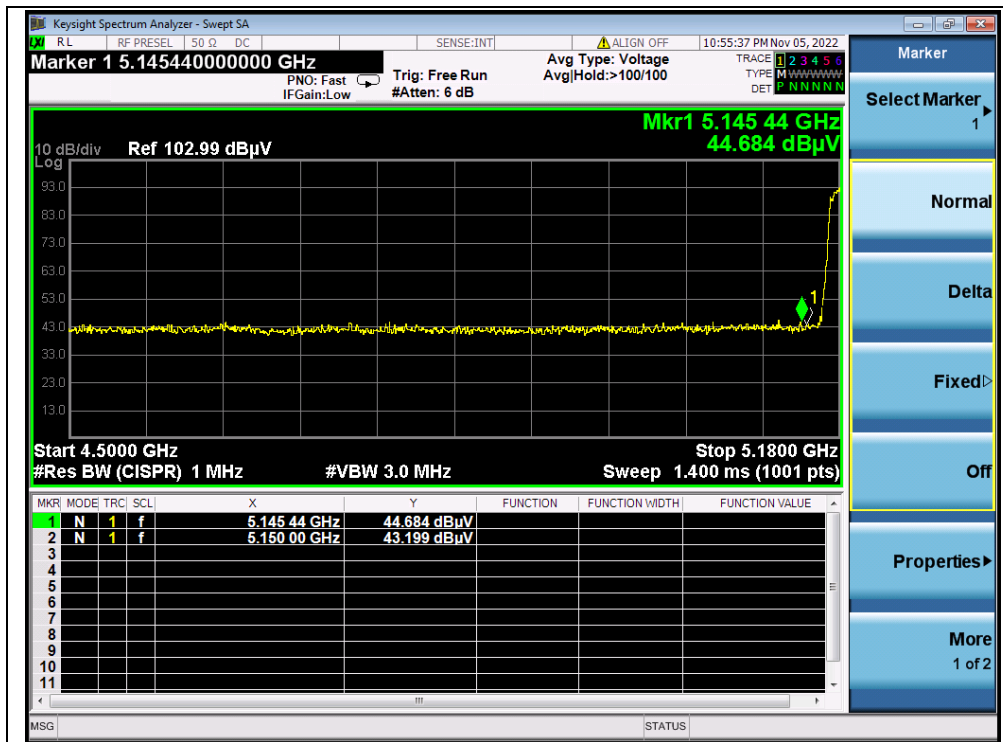


802.11ax (HEW20) Mode

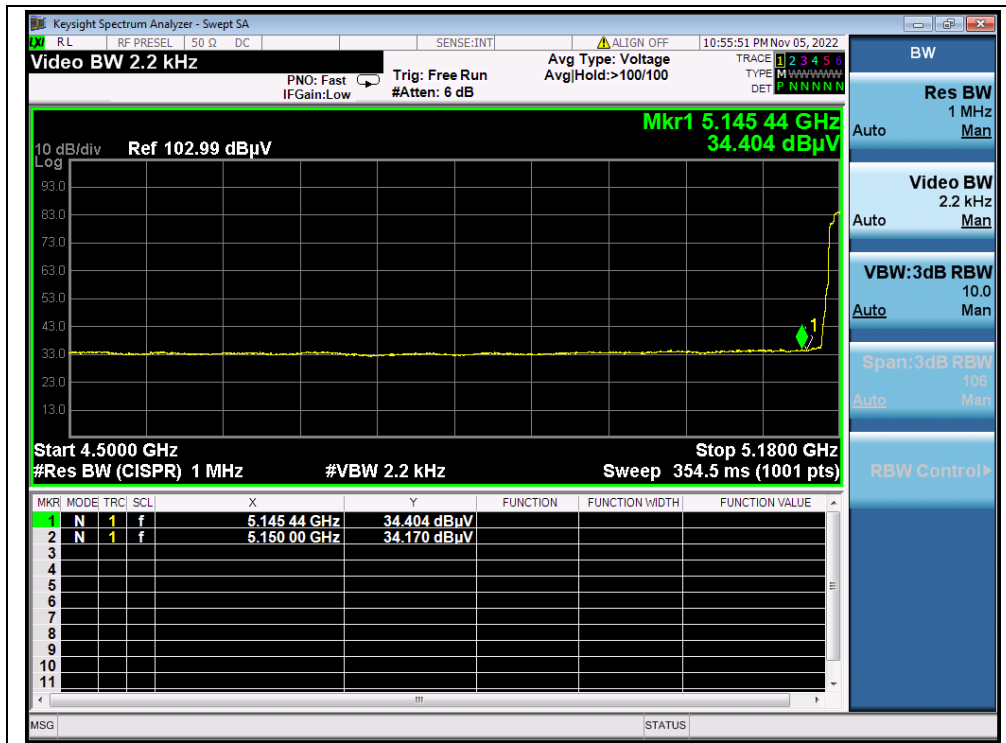
A. Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading	A_T	A_{Factor}	Max. Emission	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)	(dB)	(dB@3m)	E (dB μ V/m)		
36	5145.44	PK	44.68	-19.54	32.20	57.34	74	PASS
36	5145.44	AV	34.40	-19.54	32.20	47.06	54	PASS
64	5353.55	PK	41.54	-18.80	32.20	54.94	74	PASS
64	5355.05	AV	33.71	-18.80	32.20	47.11	54	PASS
100	5470.00	PK	41.91	-19.20	32.20	54.91	68.23	PASS
100	5245.67	AV	35.27	-19.20	32.20	48.27	54	PASS
144	5750.00	PK	40.86	-19.20	32.20	53.86	68.23	PASS
149	5725.00	PK	43.49	-19.01	32.20	56.68	122.23	PASS
165	5850.00	PK	42.53	-19.01	32.20	55.72	122.23	PASS

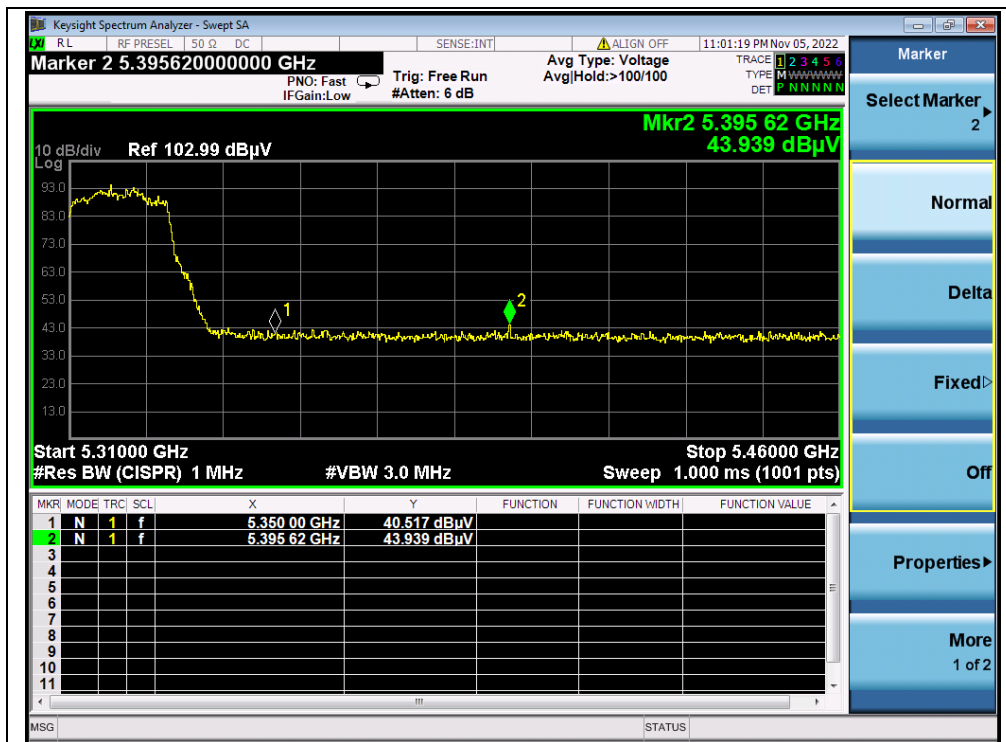
B. Test Plot:



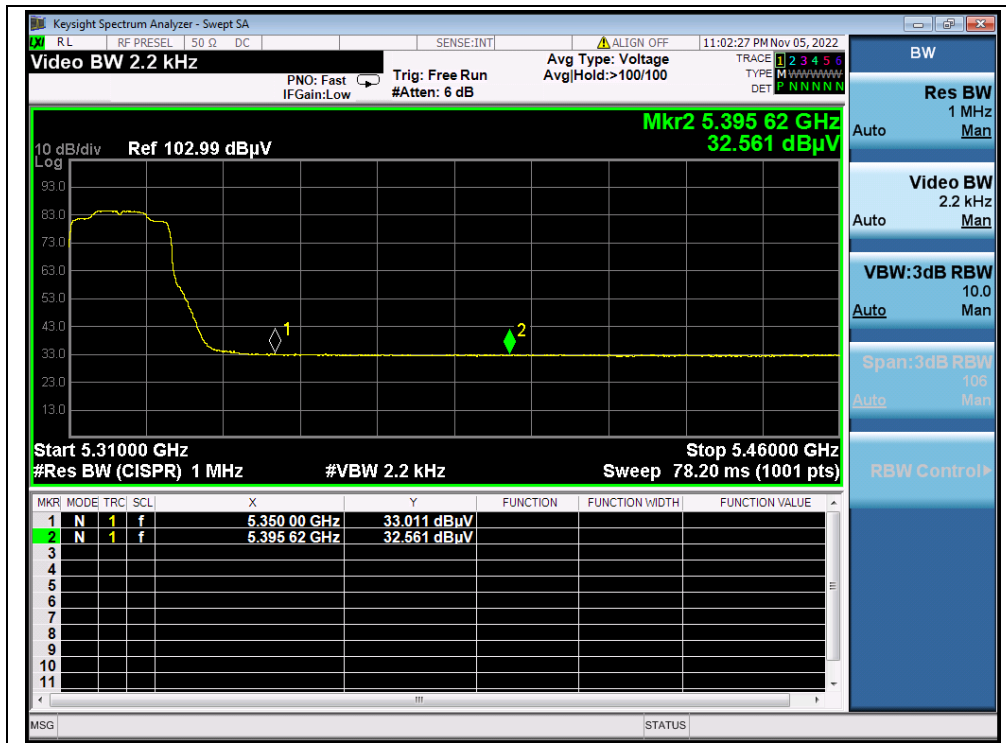
(PEAK, Channel 36, 802.11ax (HEW20))



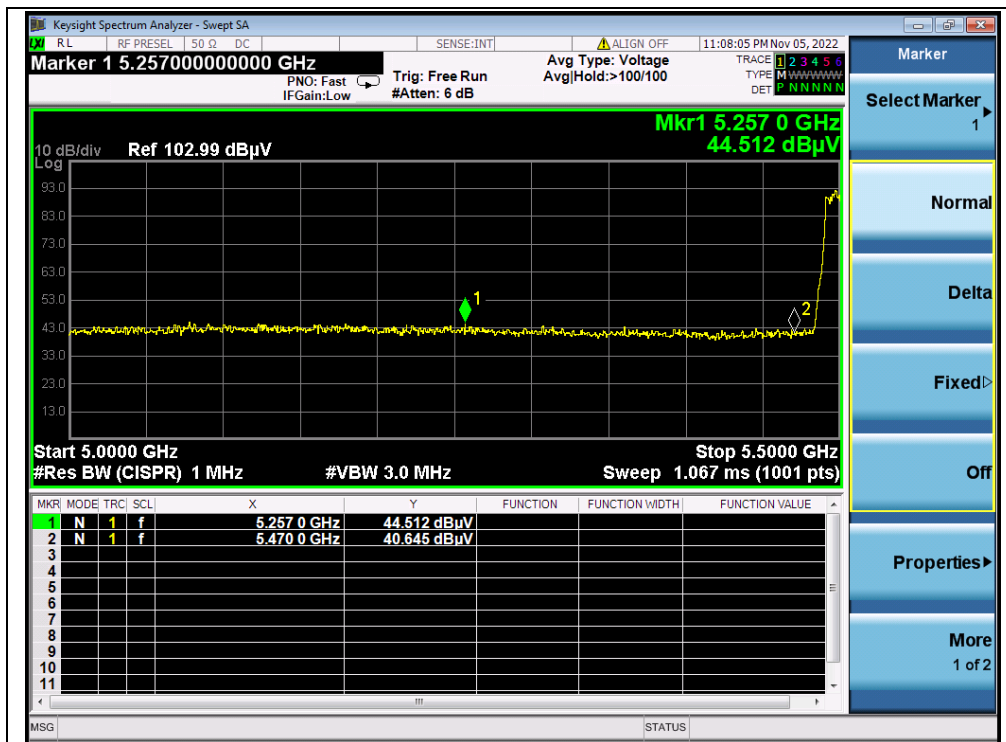
(AVERAGE, Channel 36, 802.11ax (HEW20))



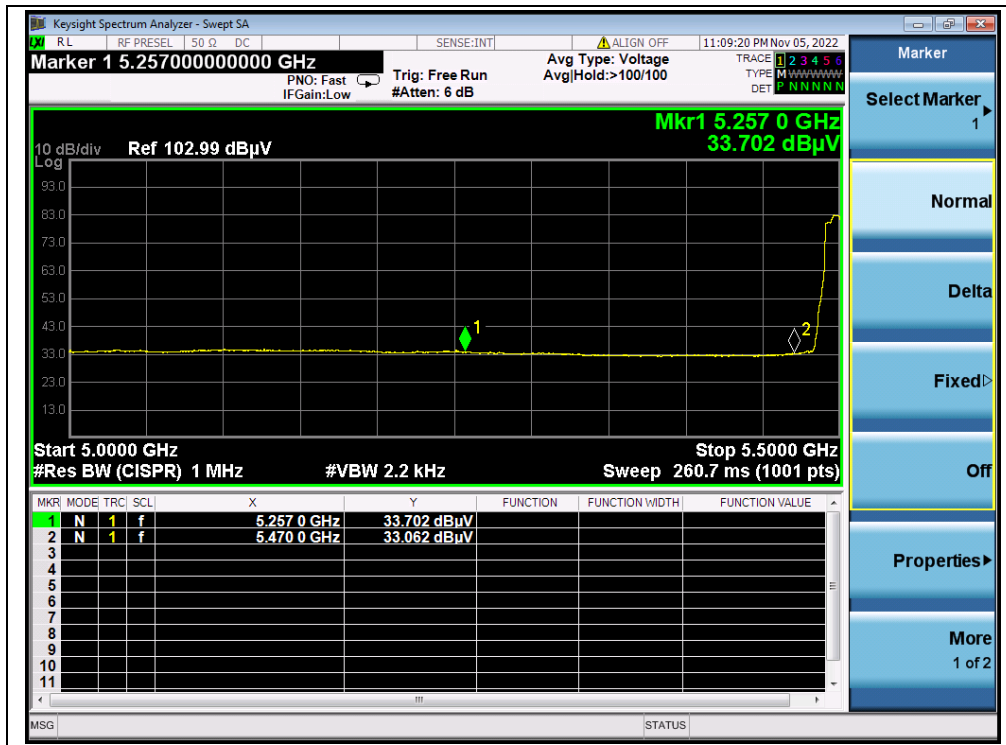
(PEAK, Channel 64, 802.11ax (HEW20))



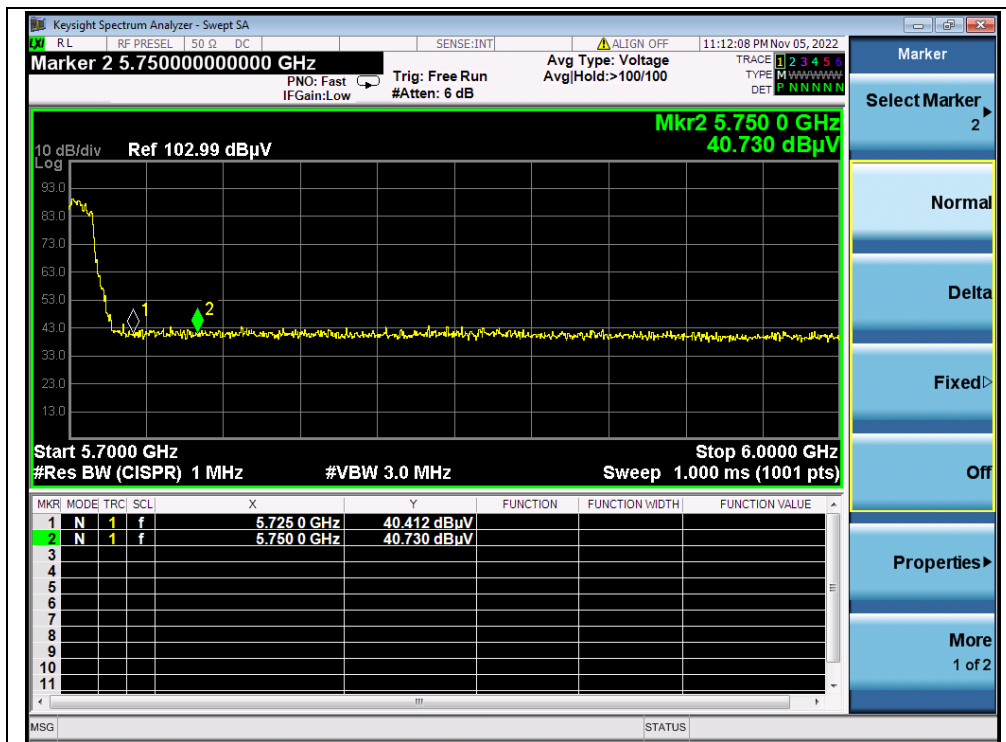
(AVERAGE, Channel 64, 802.11ax (HEW20))



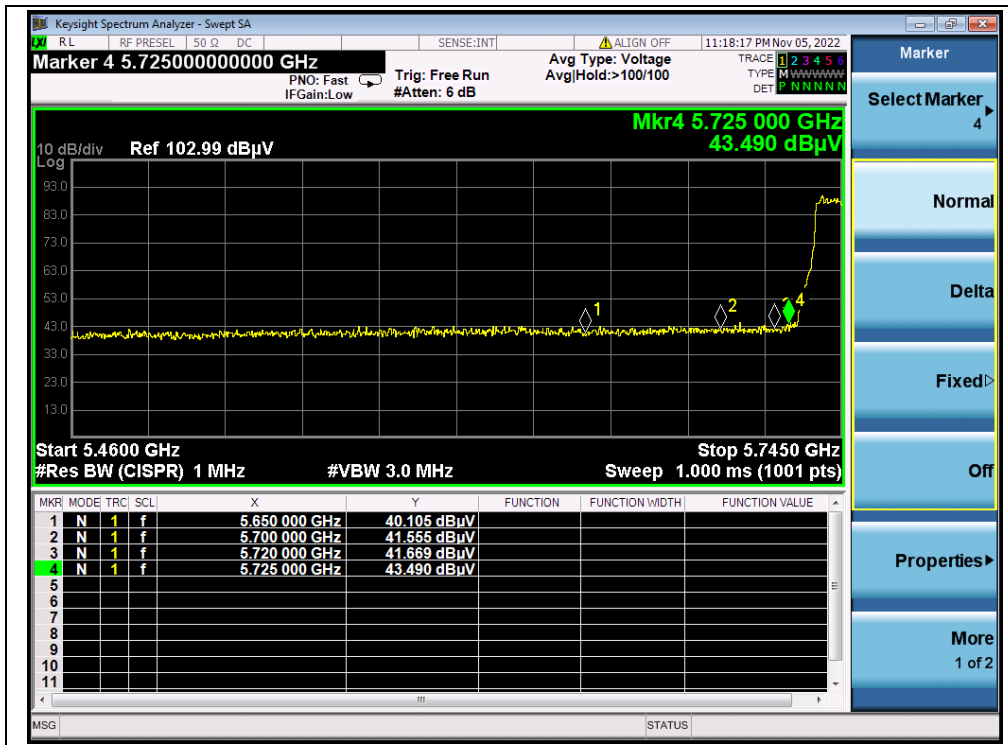
(PEAK, Channel100, 802.11ax (HEW20))



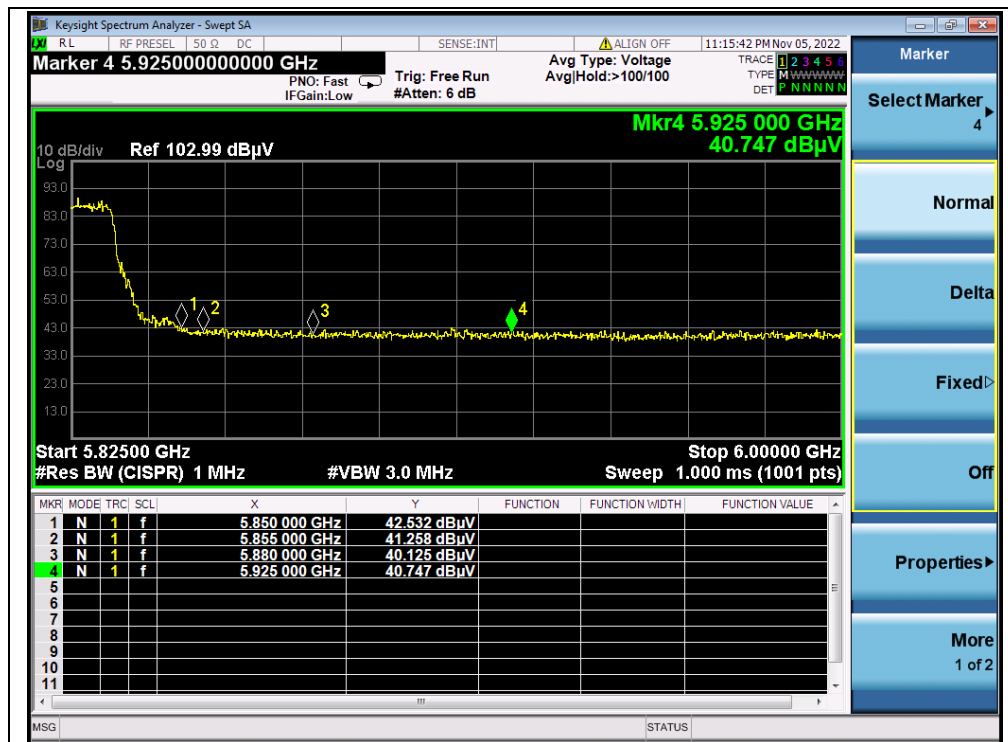
(AVERAGE, Channel 100, 802.11ax (HEW20))



(PEAK, Channel 144, 802.11ax (HEW20))



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



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

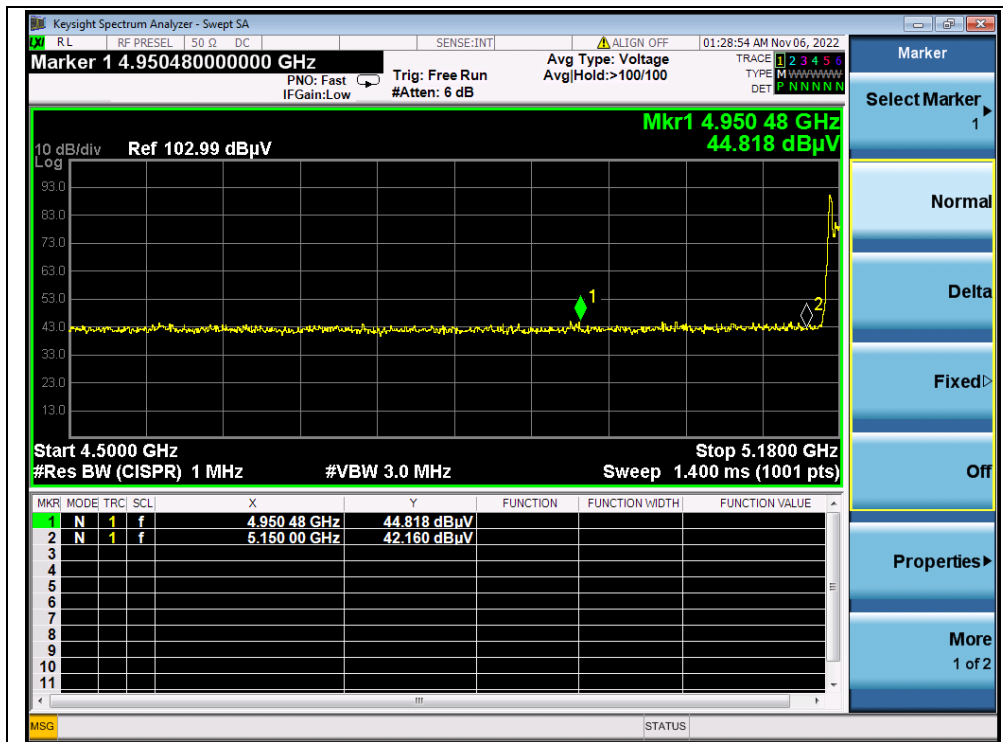


802.11ax (HEW20) RU26 Mode

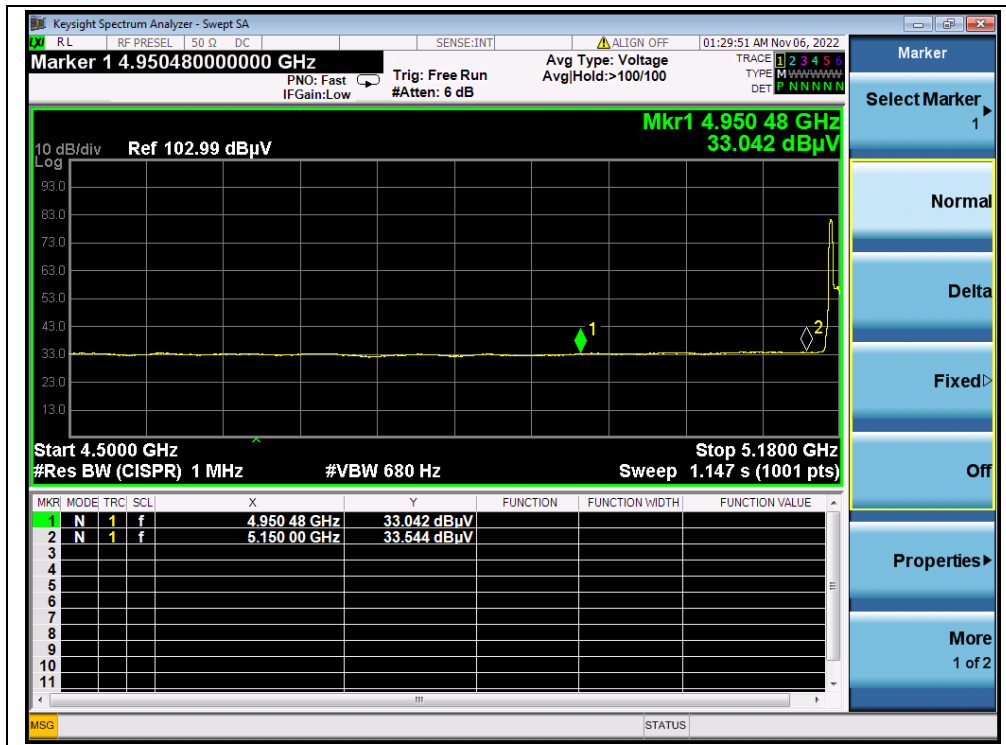
A. Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading	A_T	A_{Factor}	Max. Emission	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)	(dB)	(dB@3m)	E (dB μ V/m)		
36	4950.48	PK	44.82	-19.54	32.20	57.48	74	PASS
36	5150.00	AV	33.54	-19.54	32.20	46.20	54	PASS
64	5351.49	PK	41.92	-18.80	32.20	55.32	74	PASS
64	5353.44	AV	31.92	-18.80	32.20	45.32	54	PASS
100	5147.38	PK	44.58	-19.20	32.20	57.58	74	PASS
100	5243.77	AV	33.19	-19.20	32.20	46.19	54	PASS
144	5750.00	PK	40.98	-19.20	32.20	53.98	68.23	PASS
149	5725.00	PK	41.01	-19.01	32.20	54.20	122.23	PASS
165	5855.00	PK	40.23	-19.01	32.20	53.42	110.83	PASS

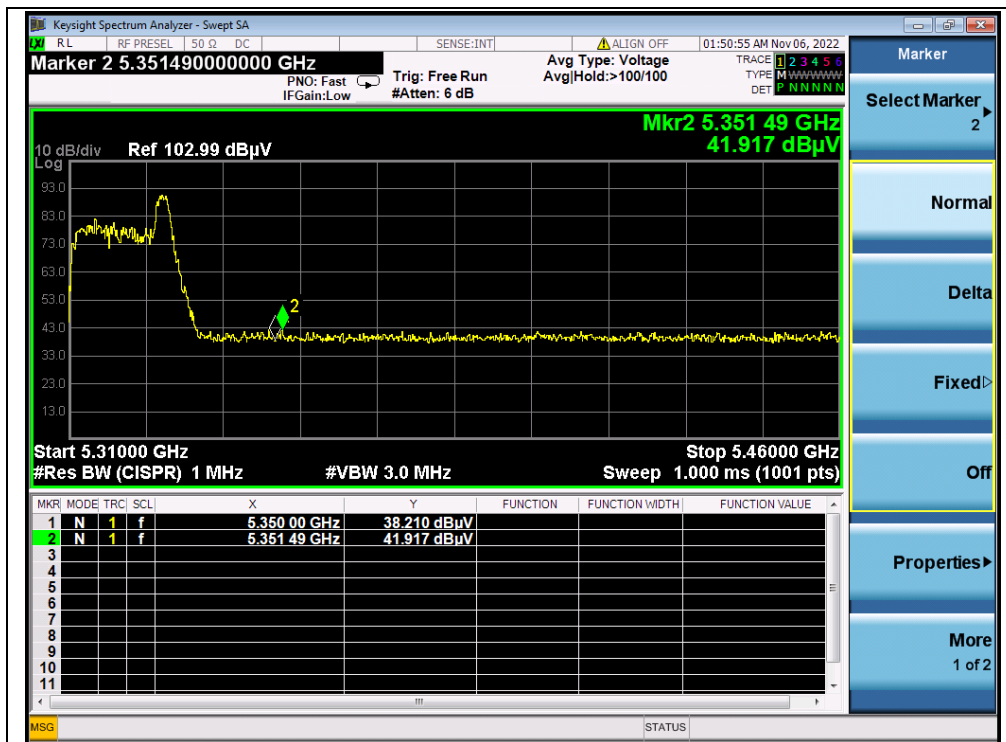
B. Test Plot:



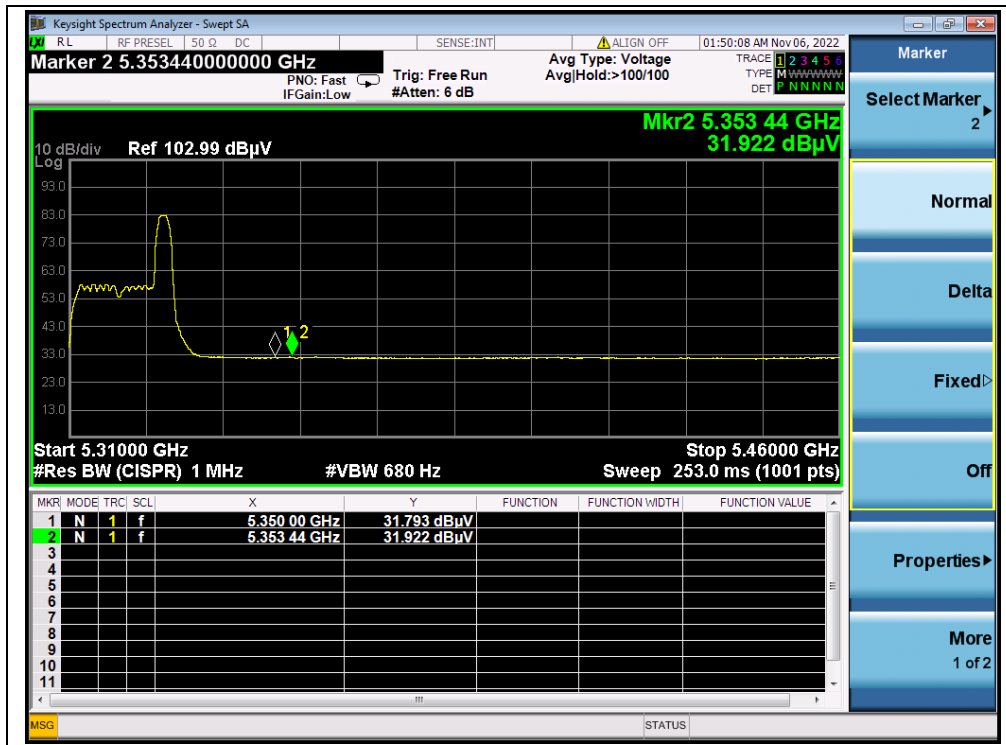
(PEAK, Channel 36, 802.11ax (HEW20) RU26)



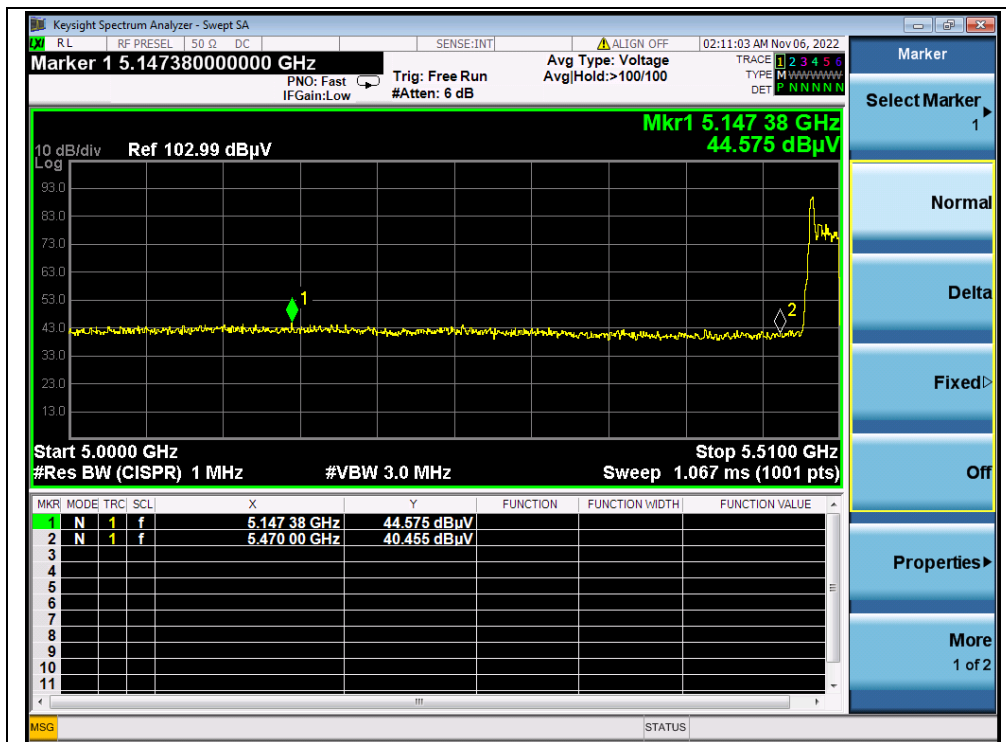
(AVERAGE, Channel 36, 802.11ax (HEW20) RU26)



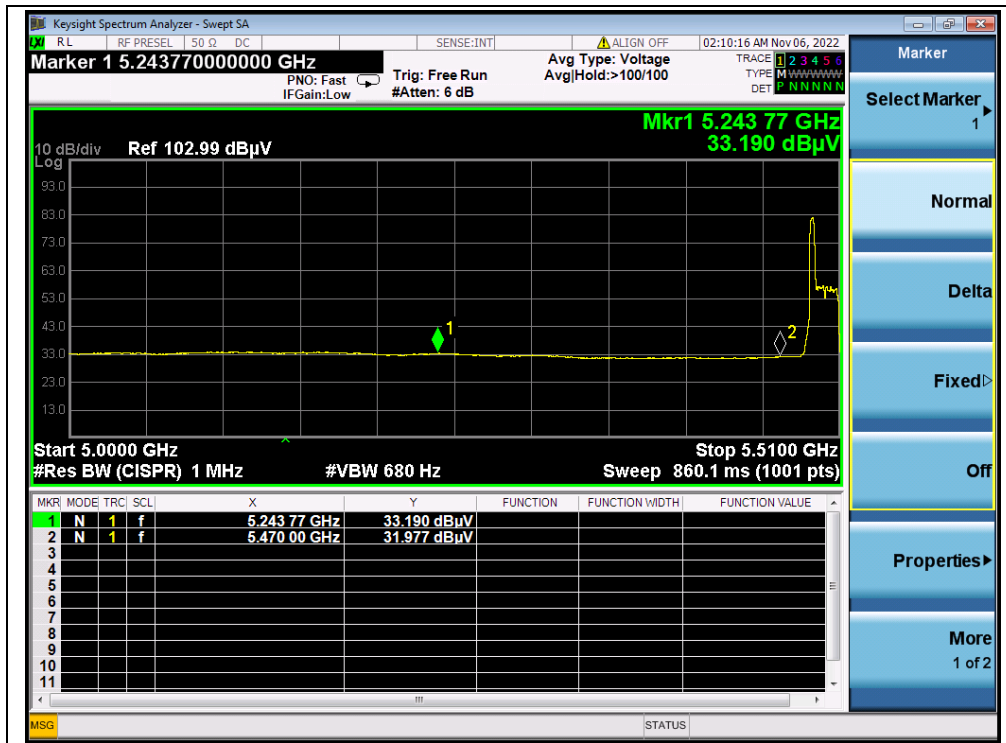
(PEAK, Channel 64, 802.11ax (HEW20) RU26)



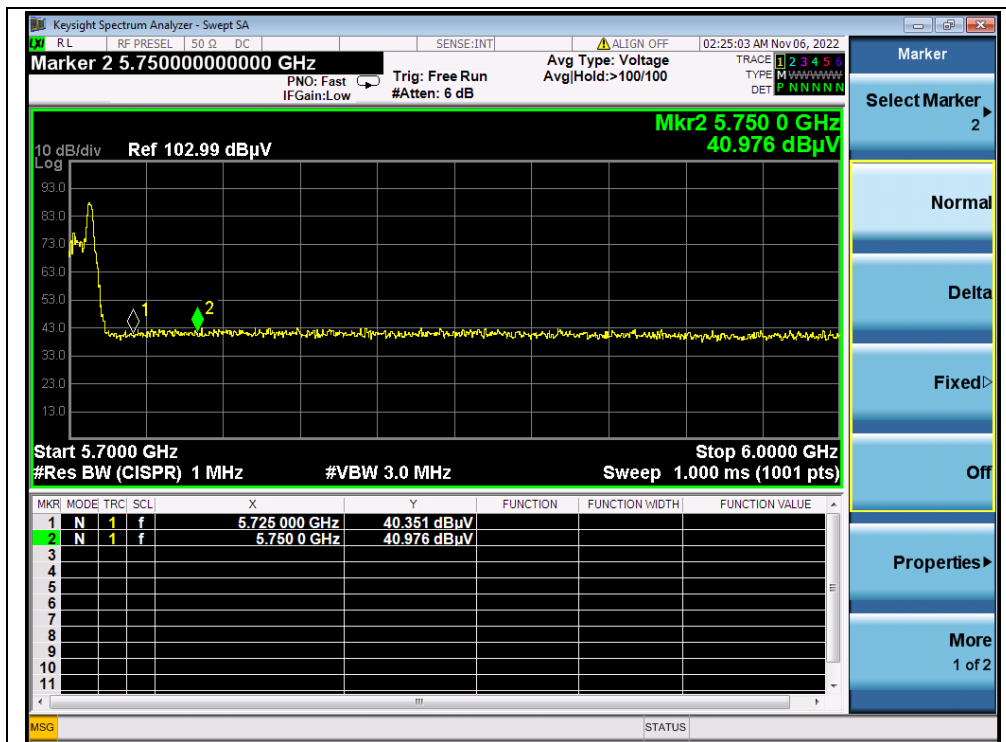
(AVERAGE, Channel 64, 802.11ax (HEW20) RU26)



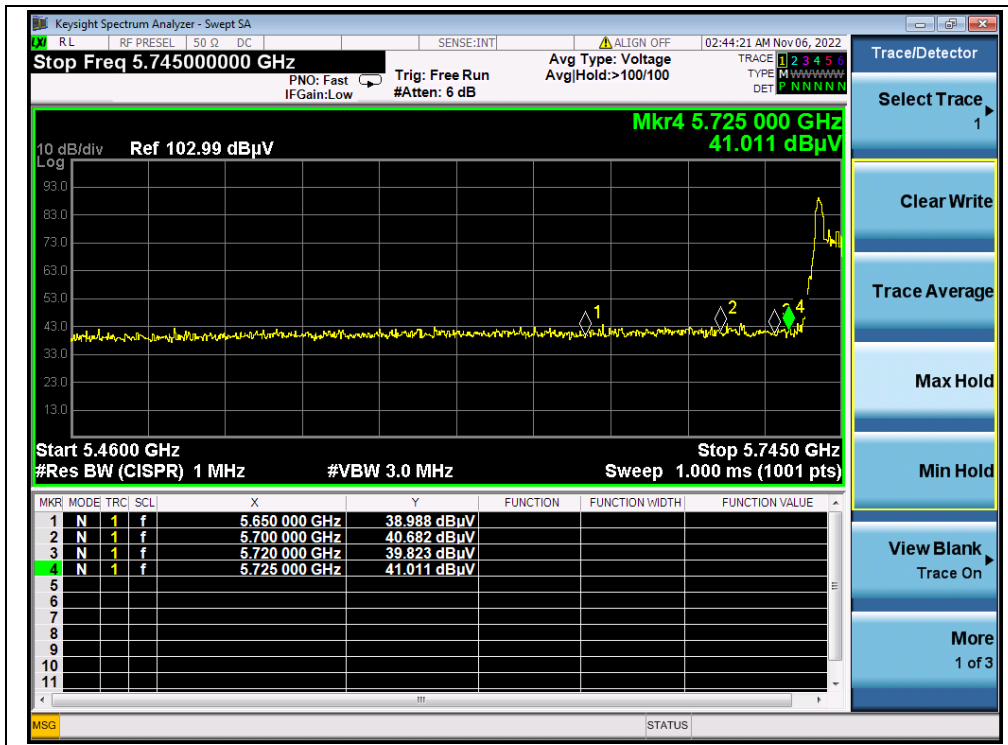
(PEAK, Channel100, 802.11ax (HEW20) RU26)



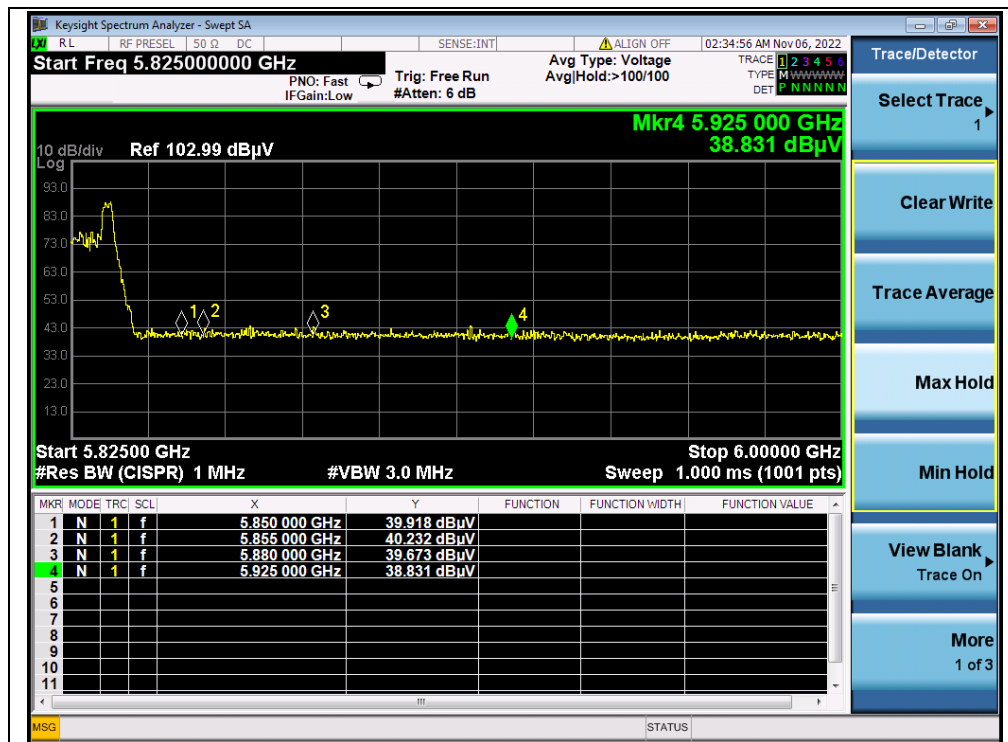
(AVERAGE, Channel 100, 802.11ax (HEW20) RU26)



(PEAK, Channel 144, 802.11ax (HEW20) RU26)



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



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

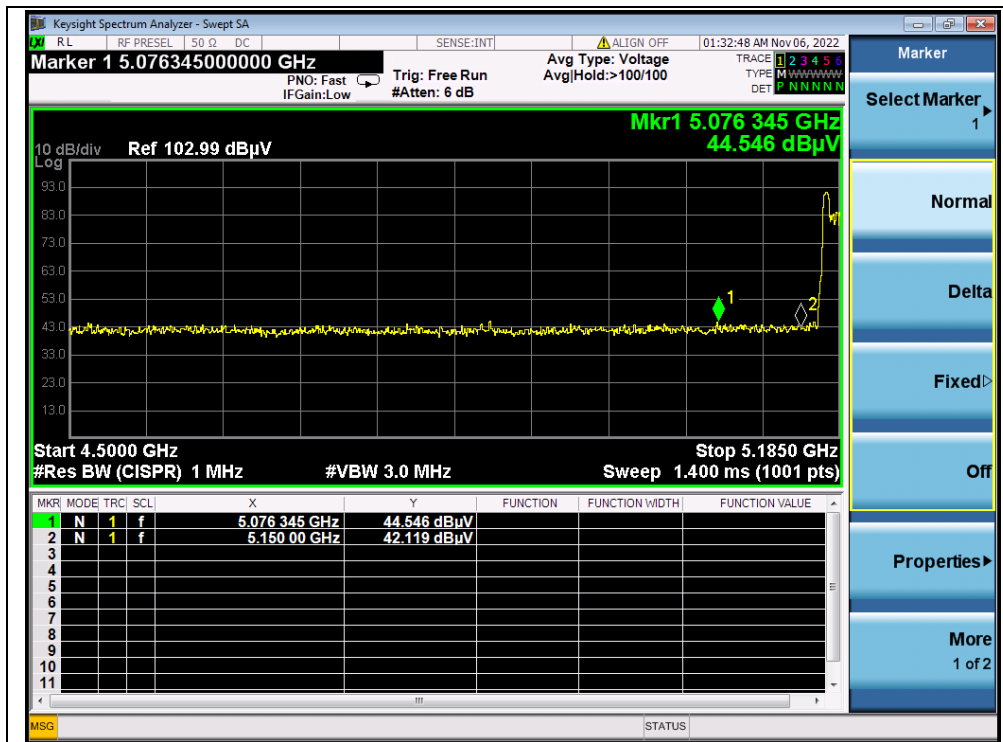


802.11ax (HEW20) RU52 Mode

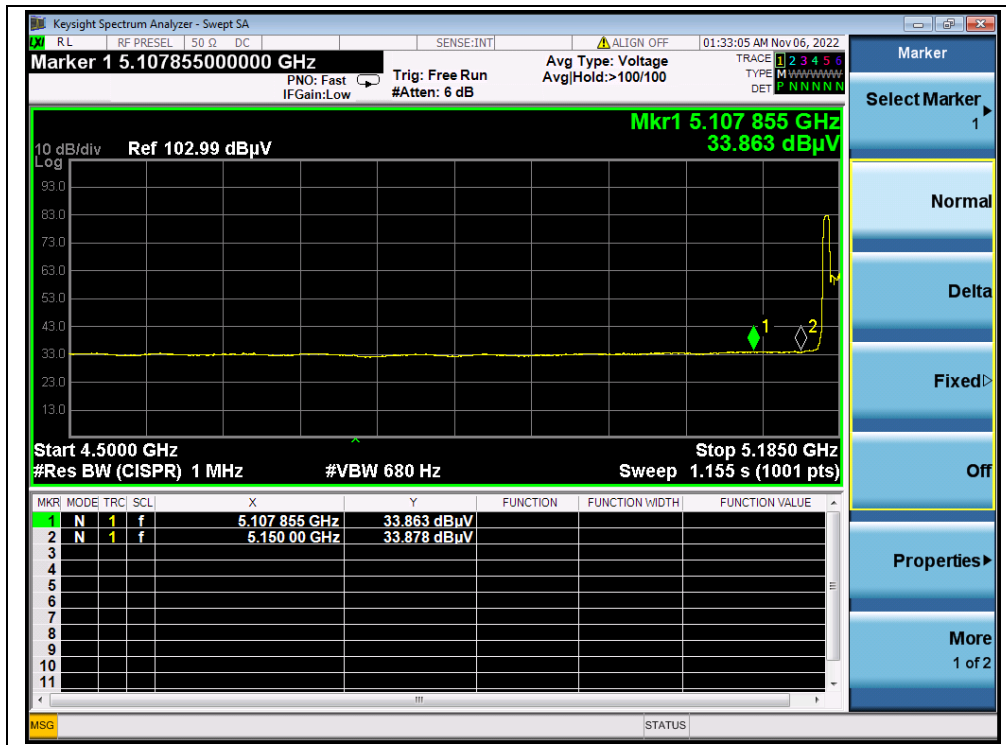
A. Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading	A_T	A_{Factor}	Max. Emission	Limit	Verdict
		PK/ AV	U_R (dB μ V)	(dB)	(dB@3m)	E (dB μ V/m)	(dB μ V/m)	
36	5076.35	PK	44.55	-19.54	32.20	57.21	74	PASS
36	5150.00	AV	33.88	-19.54	32.20	46.54	54	PASS
64	5383.29	PK	42.54	-18.80	32.20	55.94	74	PASS
64	5350.00	AV	32.13	-18.80	32.20	45.53	54	PASS
100	5172.10	PK	44.87	-19.20	32.20	57.87	68.23	PASS
100	5172.10	AV	33.74	-19.20	32.20	46.74	54	PASS
144	5725.00	PK	41.90	-19.20	32.20	54.90	68.23	PASS
149	5700.00	PK	41.85	-19.01	32.20	55.04	105.23	PASS
165	5850.00	PK	40.91	-19.01	32.20	54.10	122.23	PASS

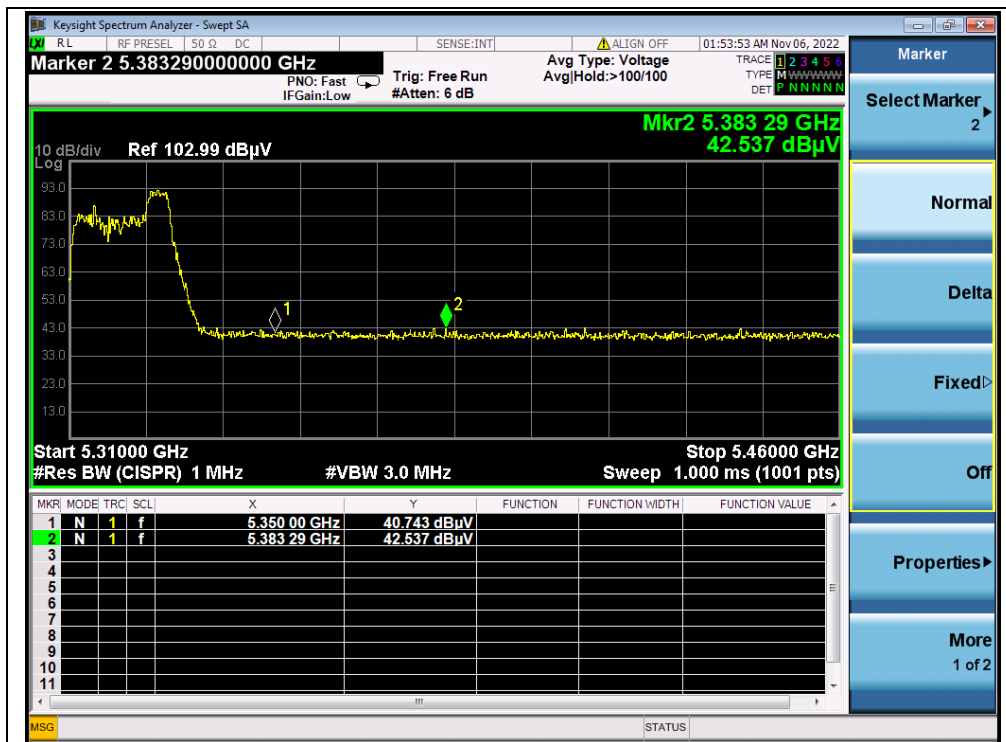
B. Test Plot:



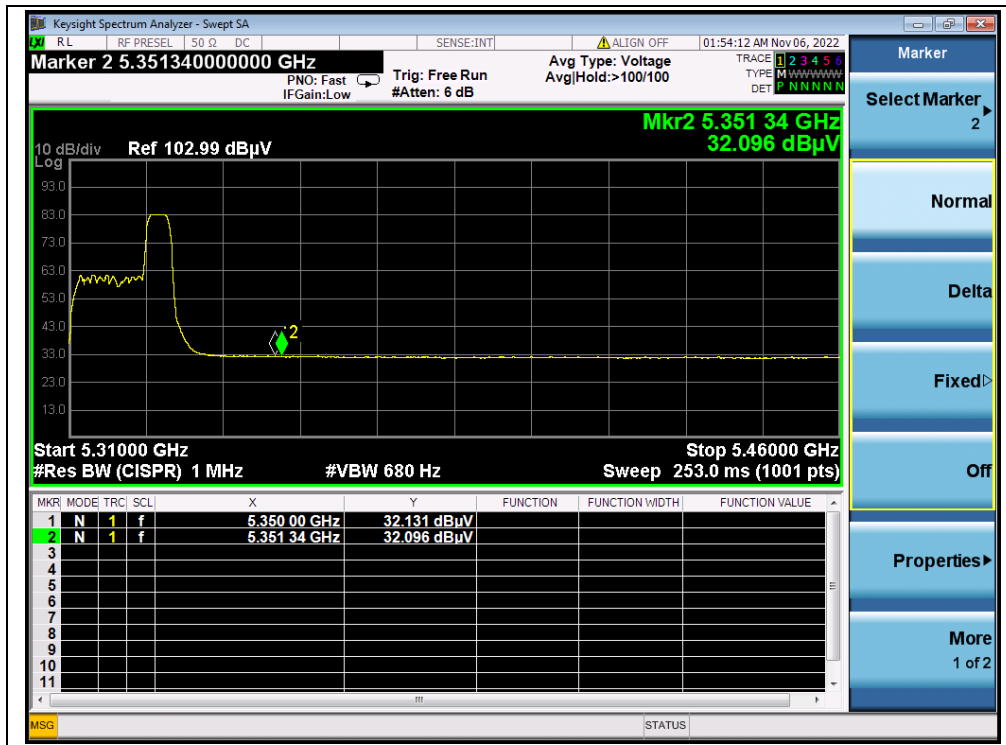
(PEAK, Channel 36, 802.11ax (HEW20) RU52)



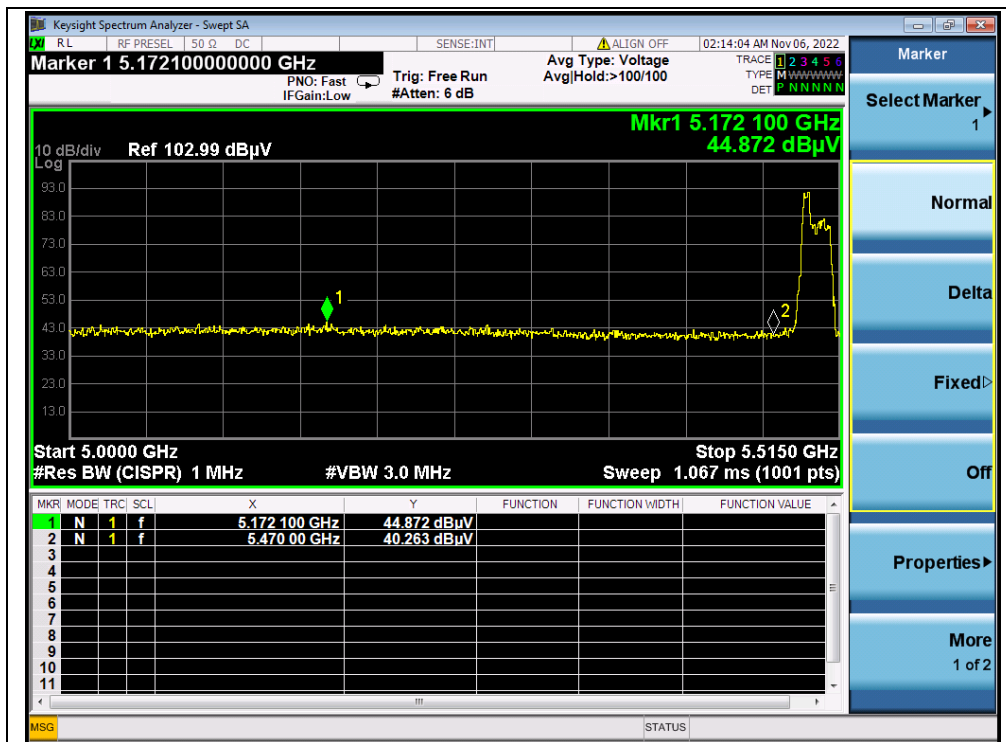
(AVERAGE, Channel 36, 802.11ax (HEW20) RU52)



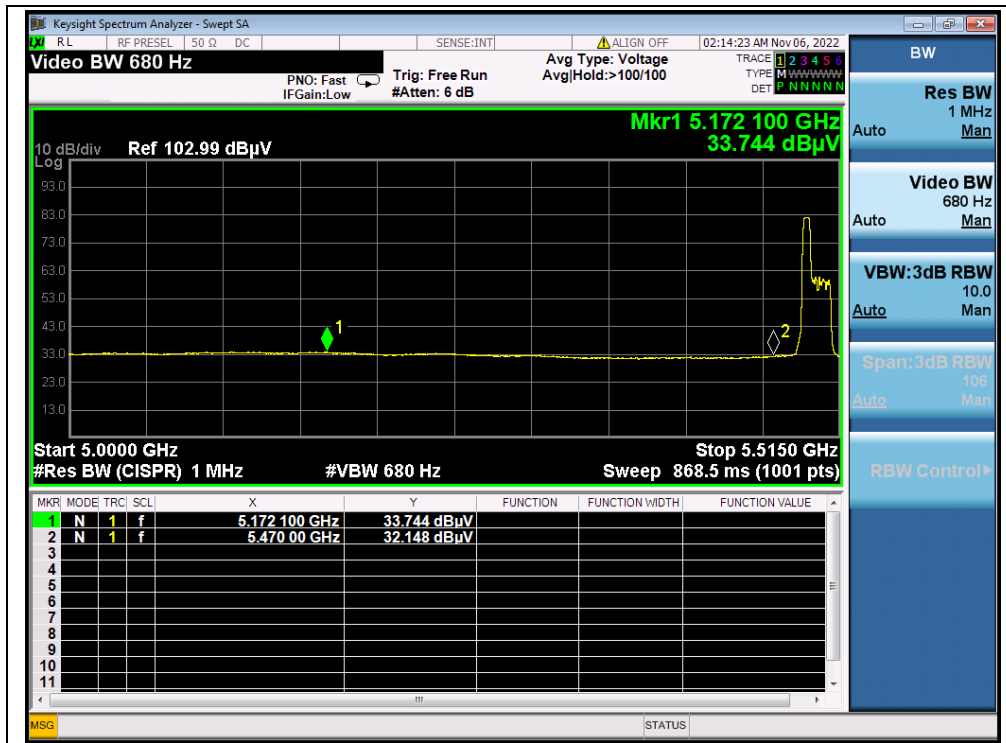
(PEAK, Channel 64, 802.11ax (HEW20) RU52)



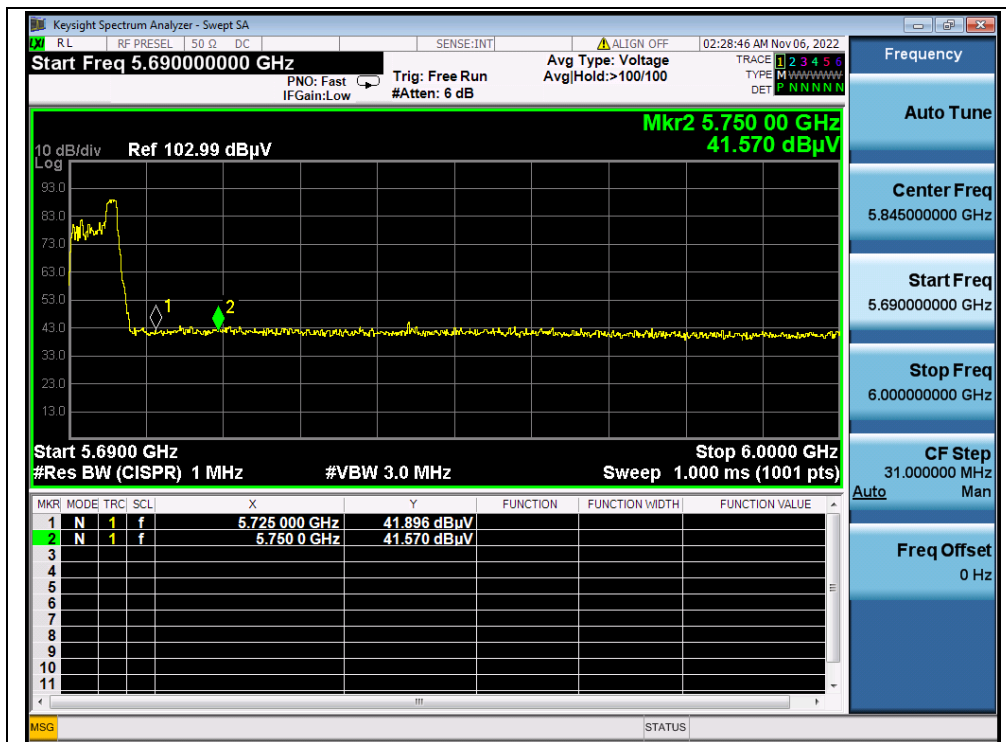
(AVERAGE, Channel 64, 802.11ax (HEW20) RU52)



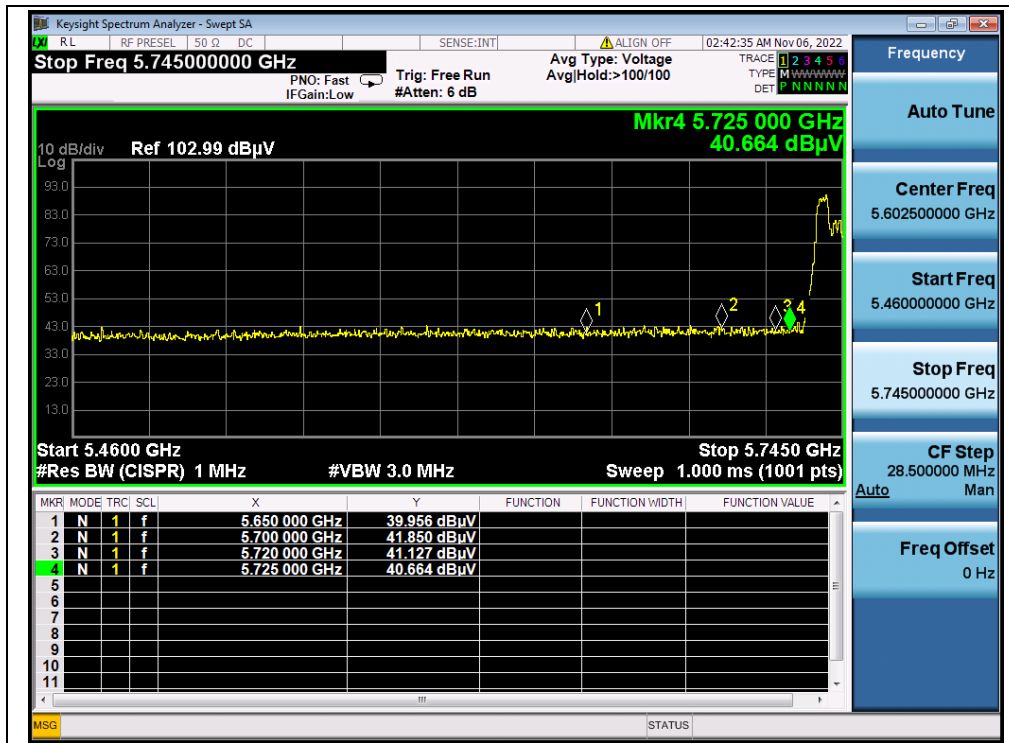
(PEAK, Channel100, 802.11ax (HEW20) RU52)



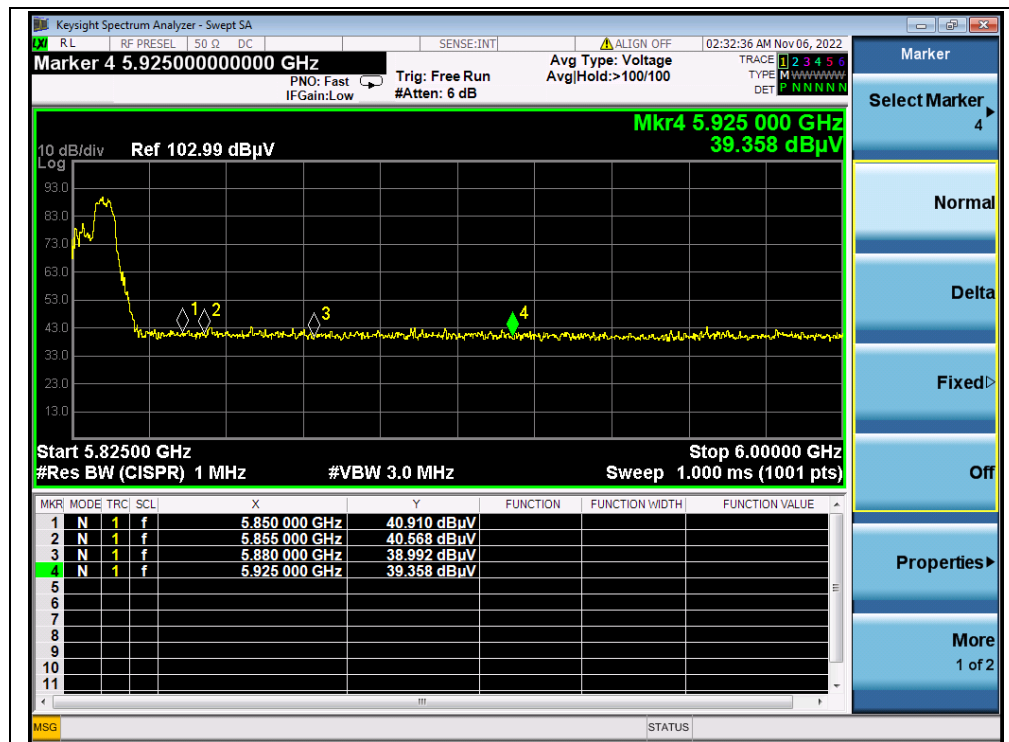
(AVERAGE, Channel 100, 802.11ax (HEW20) RU52)



(PEAK, Channel 144, 802.11ax (HEW20) RU52)



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



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

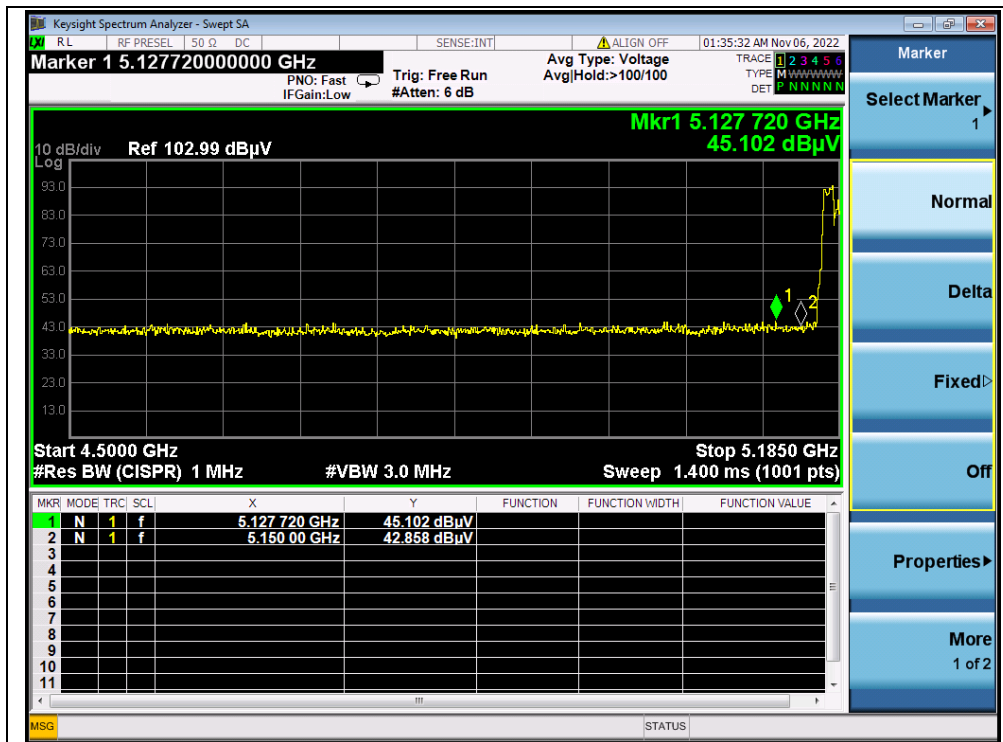


802.11ax (HEW20) RU106 Mode

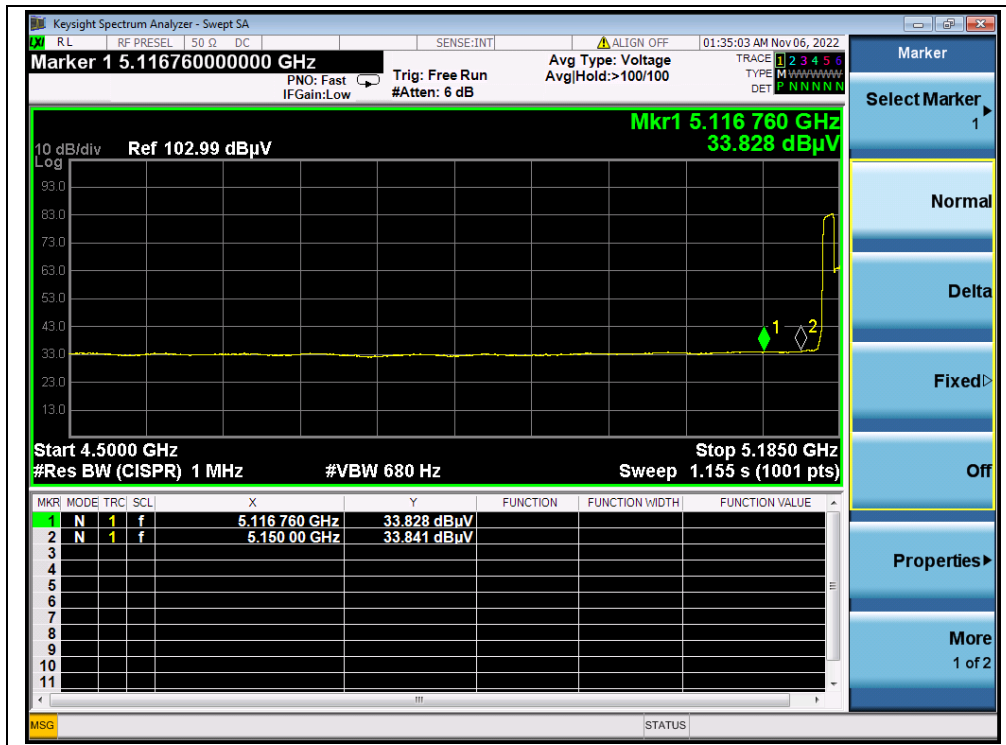
A. Test Verdict:

Channel	Frequency (MHz)	Detector	Receiver Reading	A_T	A_{Factor}	Max. Emission	Limit (dB μ V/m)	Verdict
		PK/ AV	U_R (dB μ V)	(dB)	(dB@3m)	E (dB μ V/m)		
36	5127.72	PK	45.10	-19.54	32.20	57.76	74	PASS
36	5150.00	AV	33.84	-19.54	32.20	46.50	54	PASS
64	5388.24	PK	41.89	-18.80	32.20	55.29	74	PASS
64	5358.84	AV	32.21	-18.80	32.20	45.61	54	PASS
100	5274.07	PK	43.21	-19.20	32.20	56.21	74	PASS
100	5169.53	AV	33.65	-19.20	32.20	46.65	54	PASS
144	5725.00	PK	41.77	-19.20	32.20	54.77	68.23	PASS
149	5720.00	PK	41.35	-19.01	32.20	54.54	110.83	PASS
165	5850.00	PK	41.70	-19.01	32.20	54.89	122.23	PASS

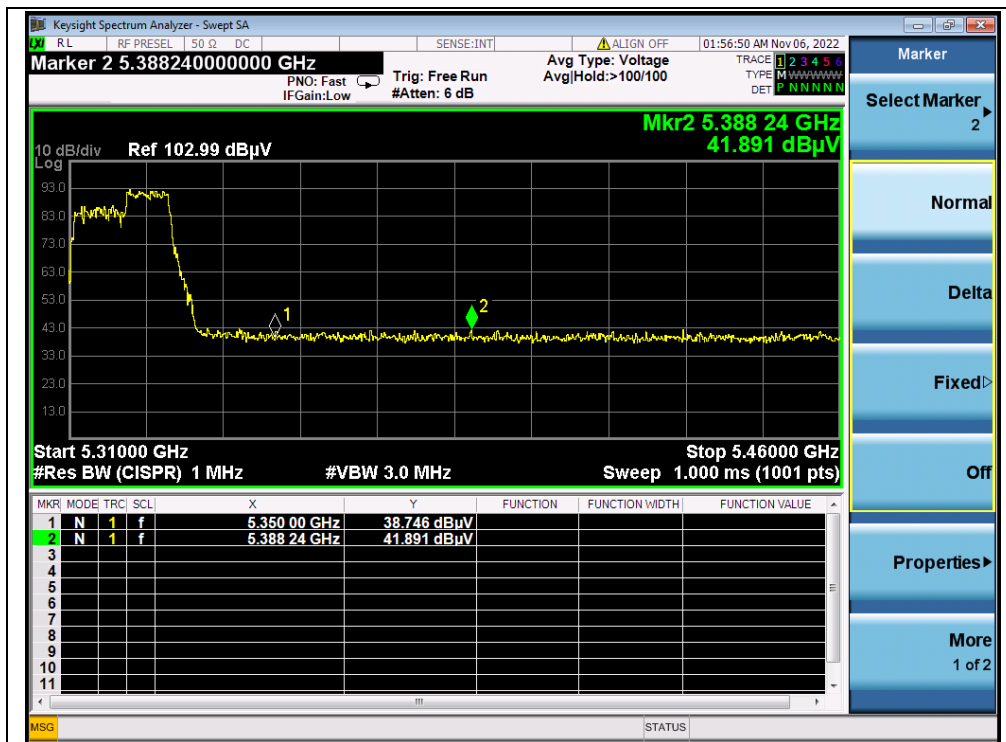
B. Test Plot:



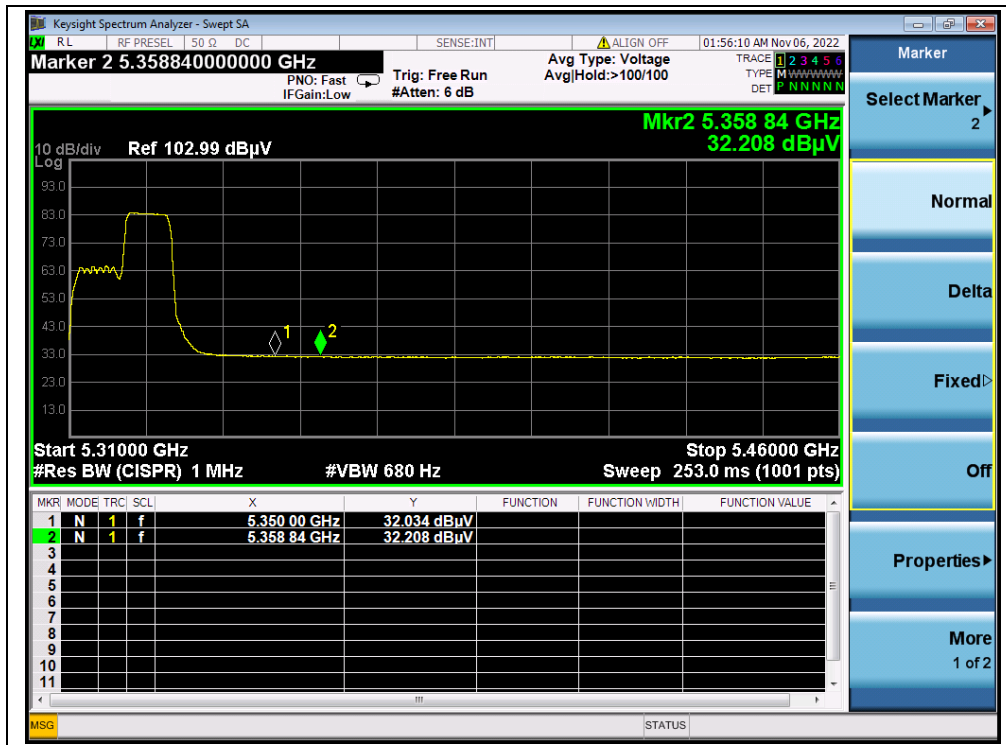
(PEAK, Channel 36, 802.11ax (HEW20) RU106)



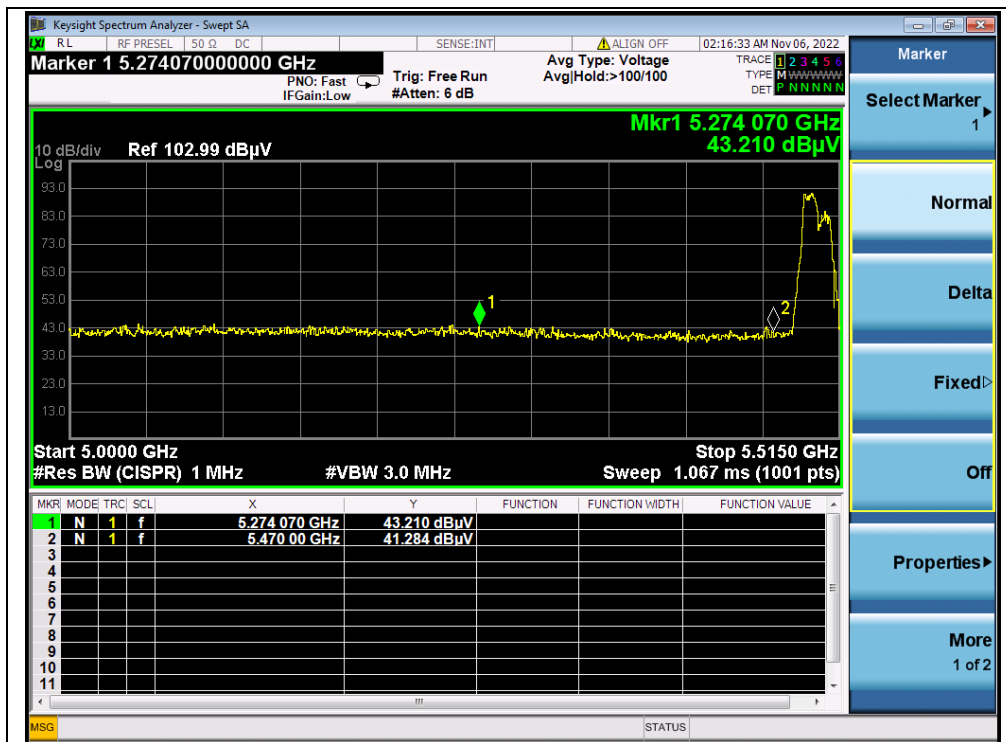
(AVERAGE, Channel 36, 802.11ax (HEW20) RU106)



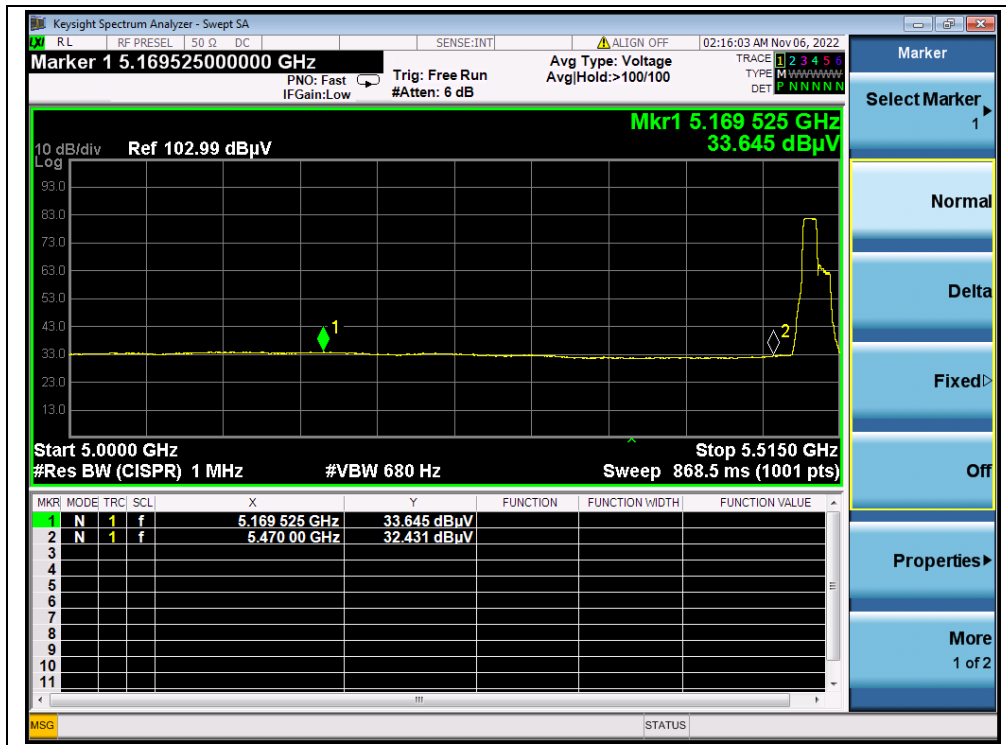
(PEAK, Channel 64, 802.11ax (HEW20) RU106)



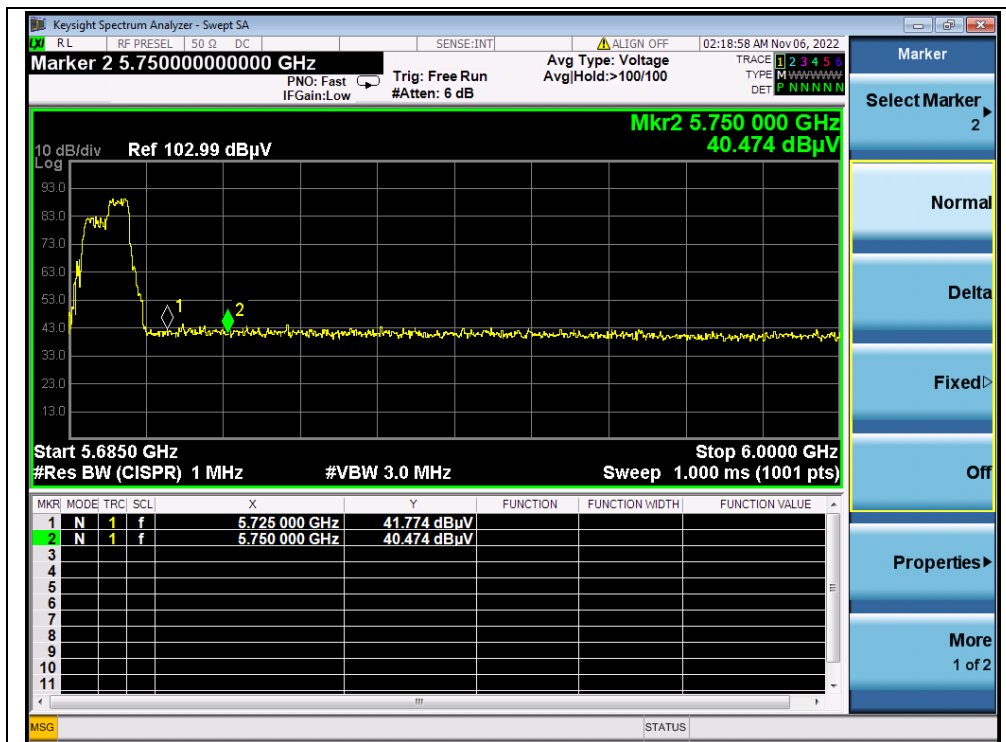
(AVERAGE, Channel 64, 802.11ax (HEW20) RU106)



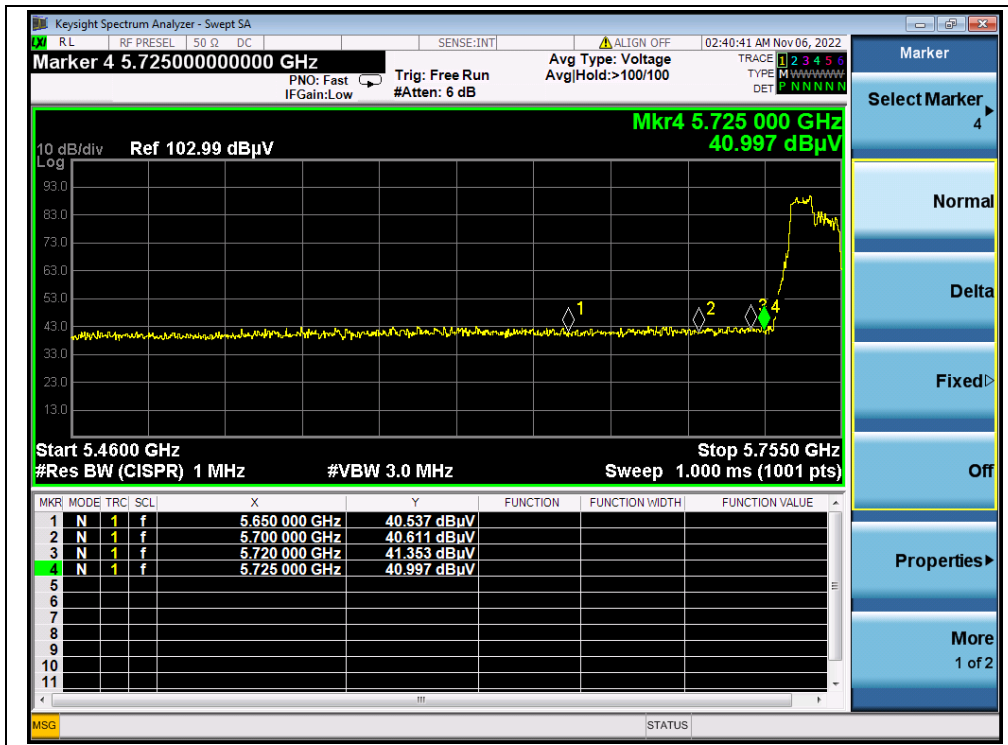
(PEAK, Channel100, 802.11ax (HEW20) RU106)



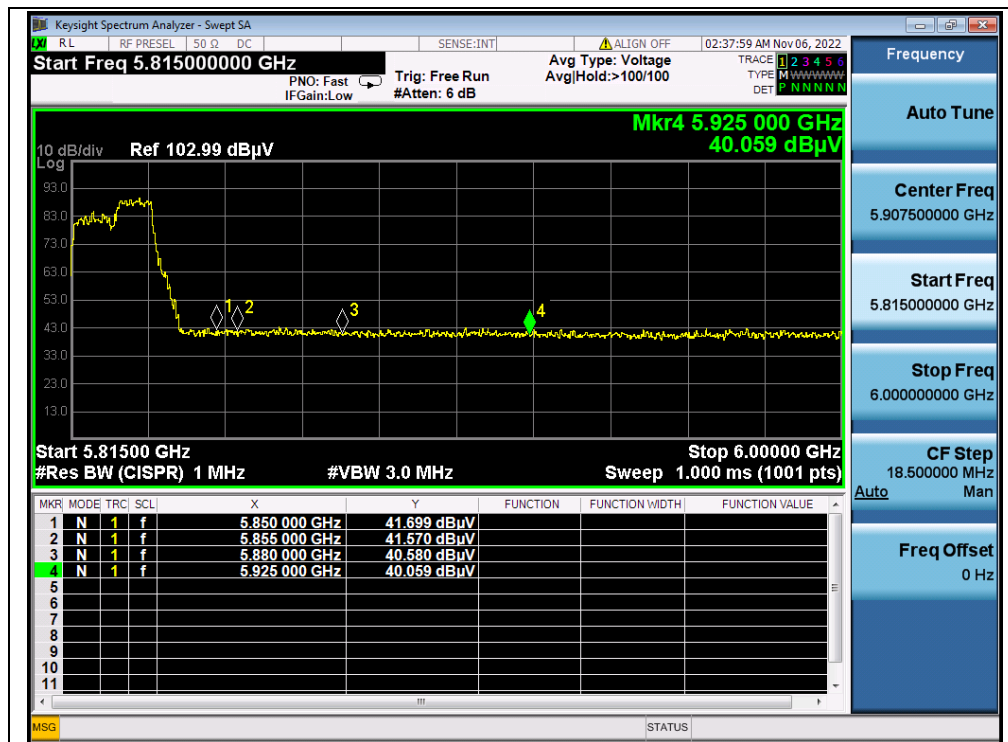
(AVERAGE, Channel 100, 802.11ax (HEW20) RU106)



(PEAK, Channel 144, 802.11ax (HEW20) RU106)



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



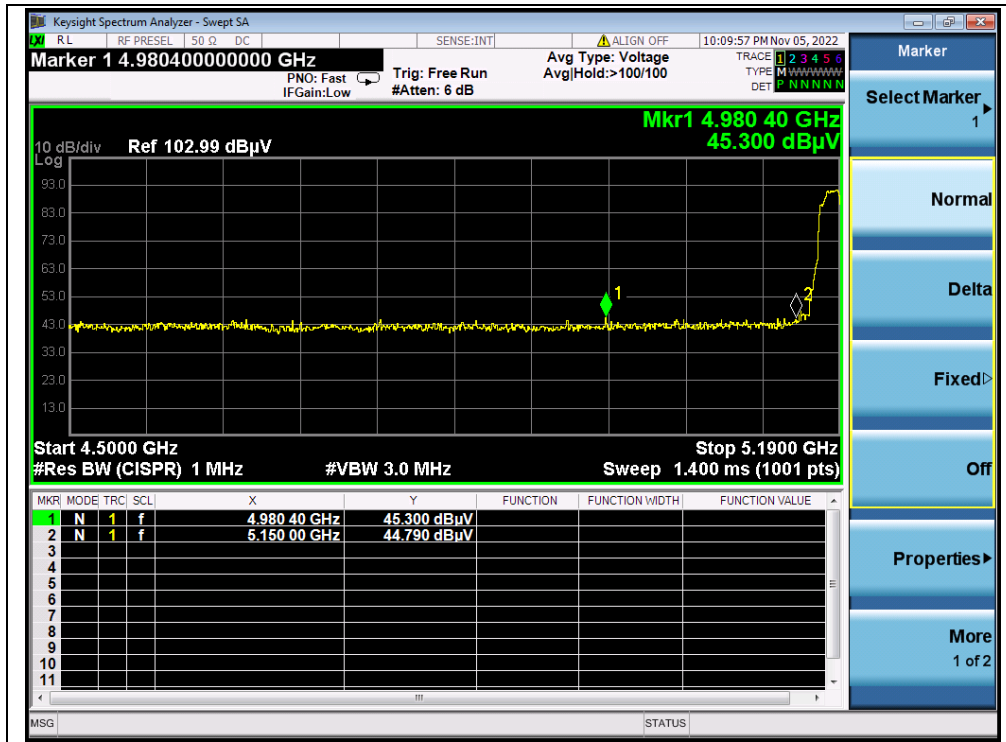
(PEAK, Channel 165, 802.11ax (HEW20) RU106)

**802.11n (HT40) Mode****A.Test Verdict:**

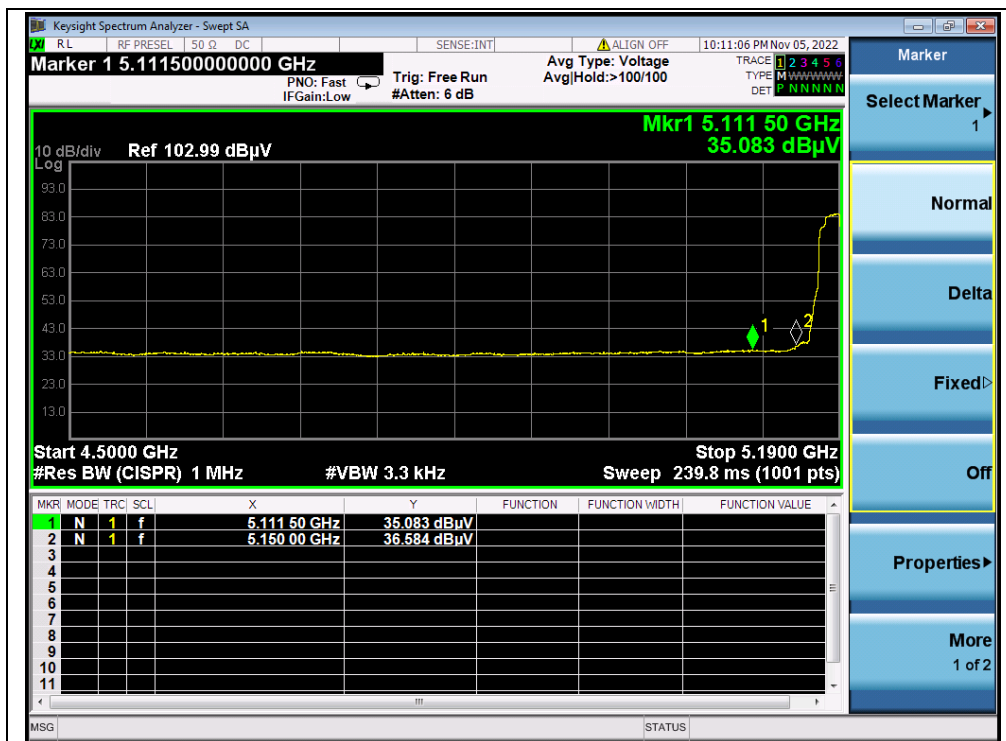
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
38	4980.40	PK	45.30	-19.54	32.20	57.96	74	PASS
38	5150.00	AV	36.58	-19.54	32.20	49.24	54	PASS
62	5351.48	PK	42.63	-18.80	32.20	56.03	74	PASS
62	5350.00	AV	34.36	-18.80	32.20	47.76	54	PASS
102	5454.17	PK	44.05	-19.20	32.20	57.05	68.23	PASS
102	5470.00	AV	33.73	-19.20	32.20	46.73	54	PASS
142	5750.00	PK	34.38	-19.20	32.20	47.38	68.23	PASS
151	5720.00	PK	43.96	-19.01	32.20	57.15	110.83	PASS
159	5855.00	PK	42.64	-19.01	32.20	55.83	110.83	PASS



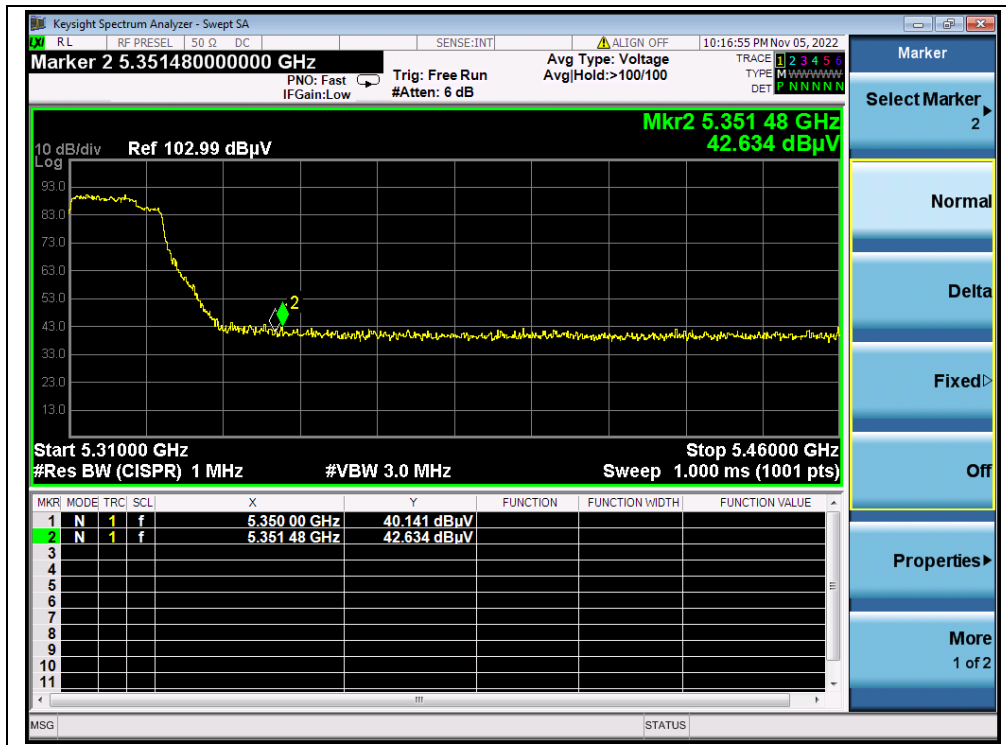
B.Test Plot:



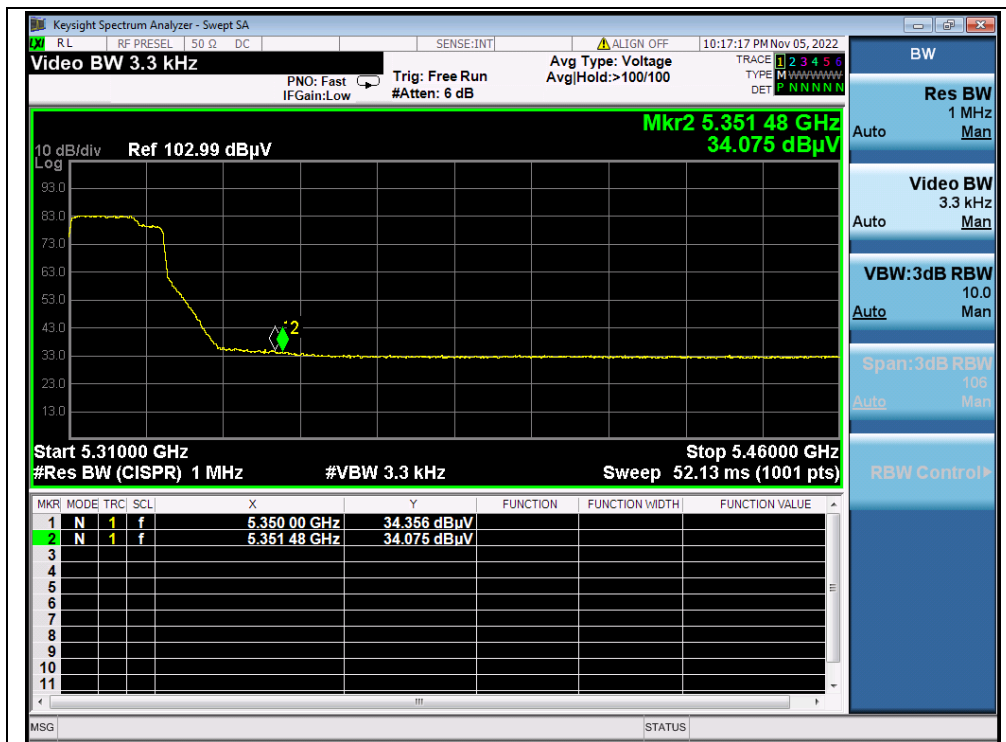
(PEAK, Channel 38, 802.11n (HT40))



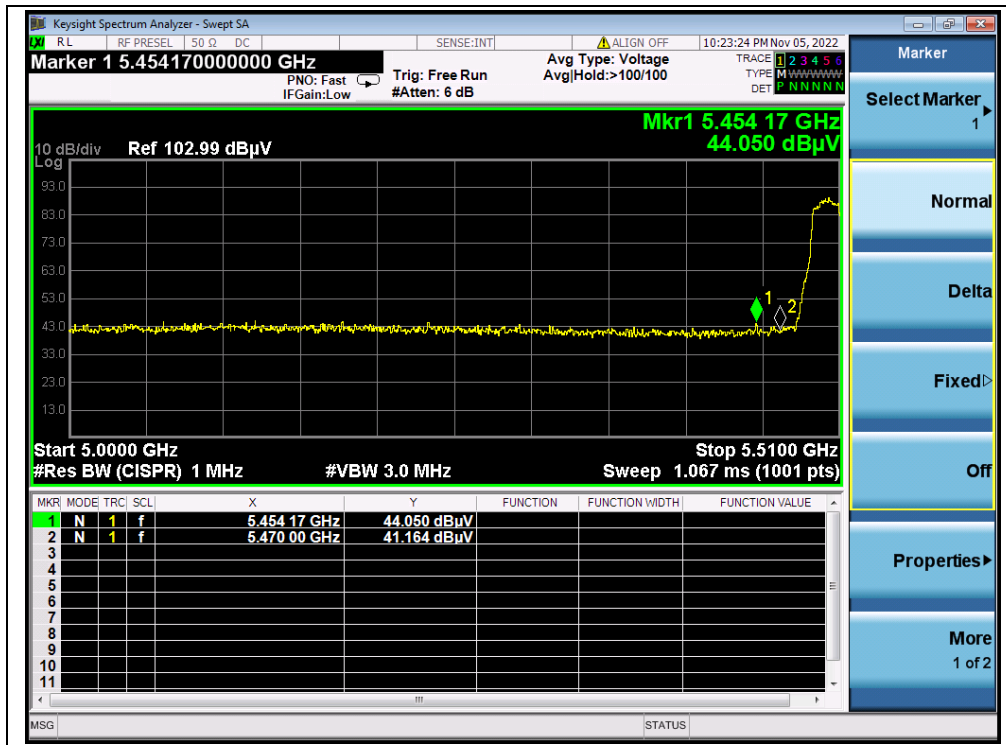
(AVERAGE, Channel 38, 802.11n (HT40))



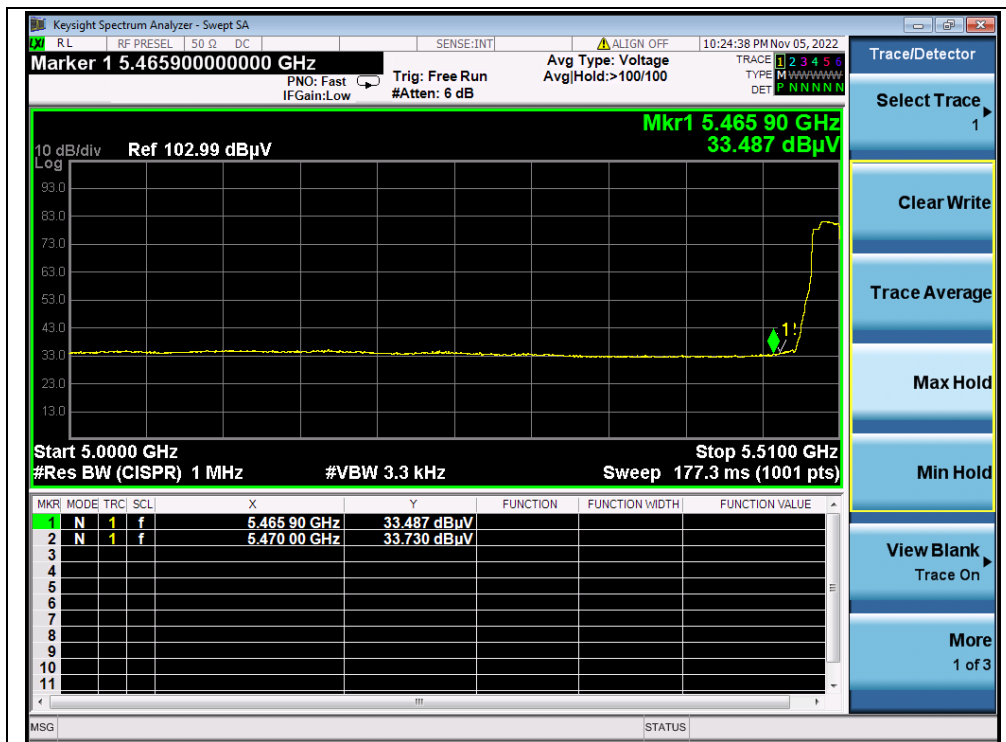
(PEAK, Channel 62, 802.11n (HT40))



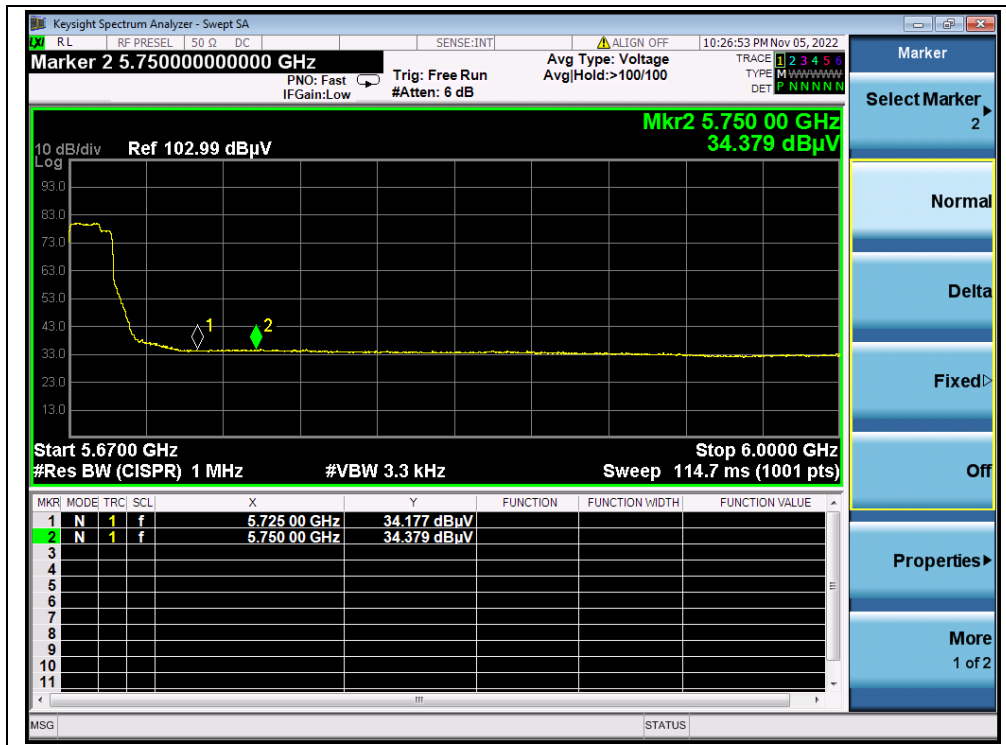
(AVERAGE, Channel 62, 802.11n (HT40))



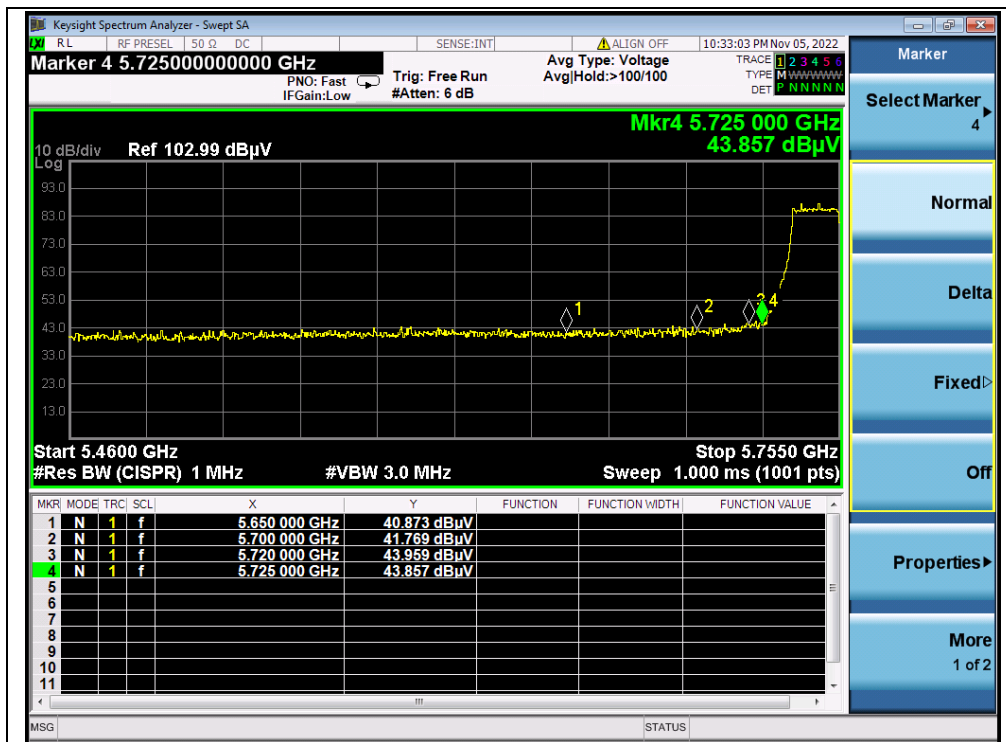
(PEAK, Channel 102, 802.11n (HT40))



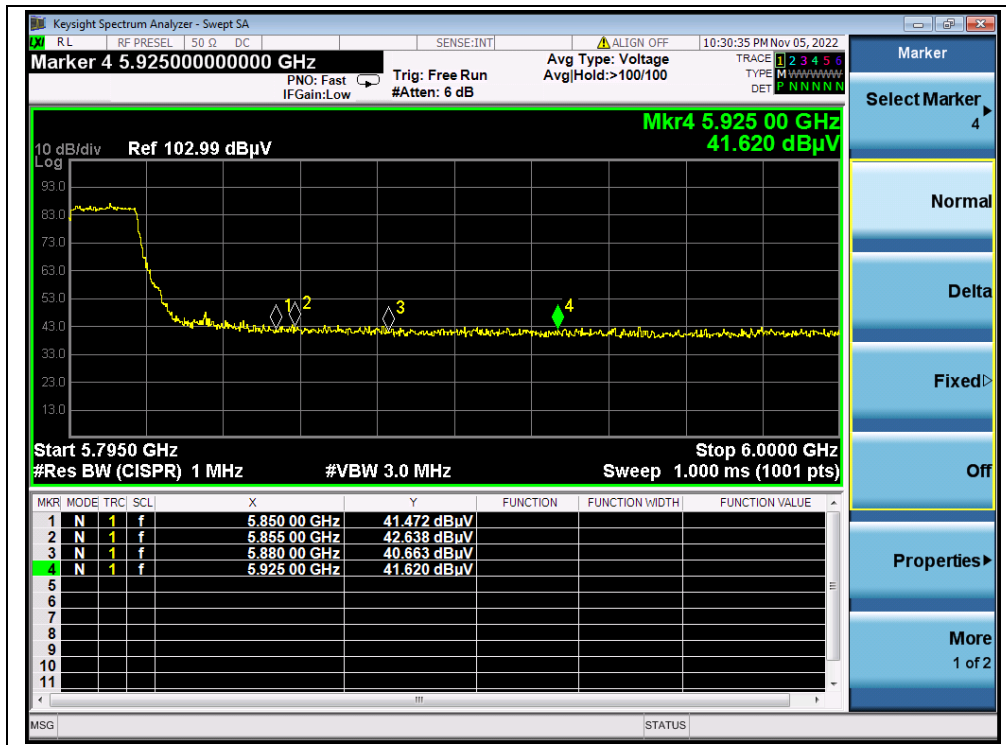
(AVERAGE, Channel 102, 802.11n (HT40))



(PEAK, Channel 142, 802.11n (HT40))



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



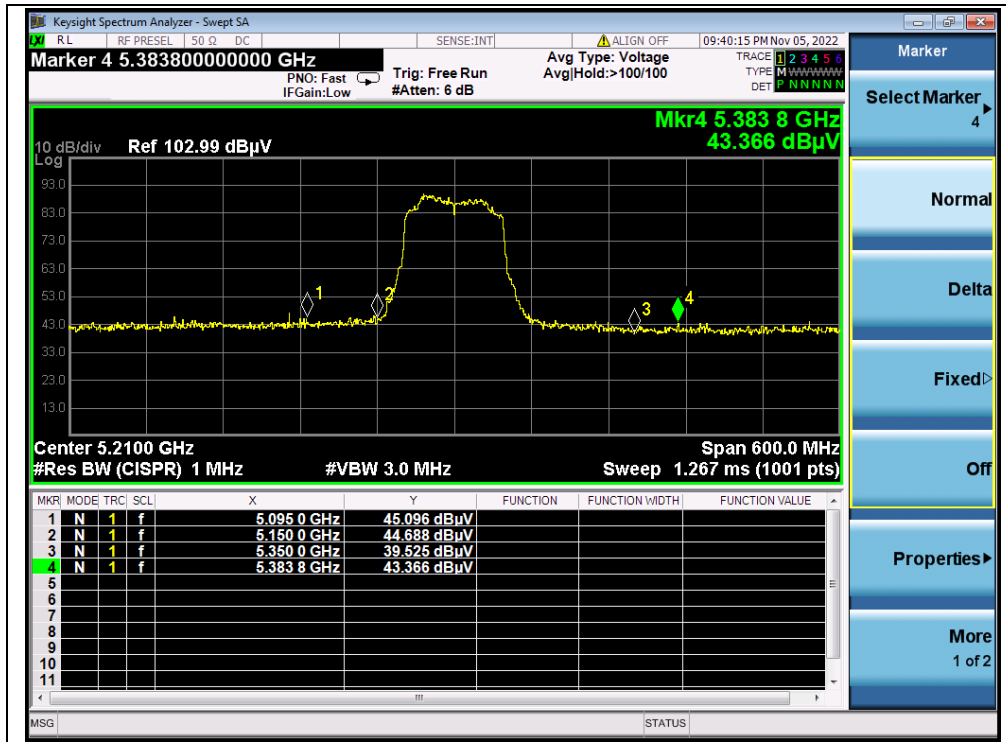
(PEAK, Channel 159, 802.11n (HT40))

**802.11ac (VHT80) Mode****A.Test Verdict:**

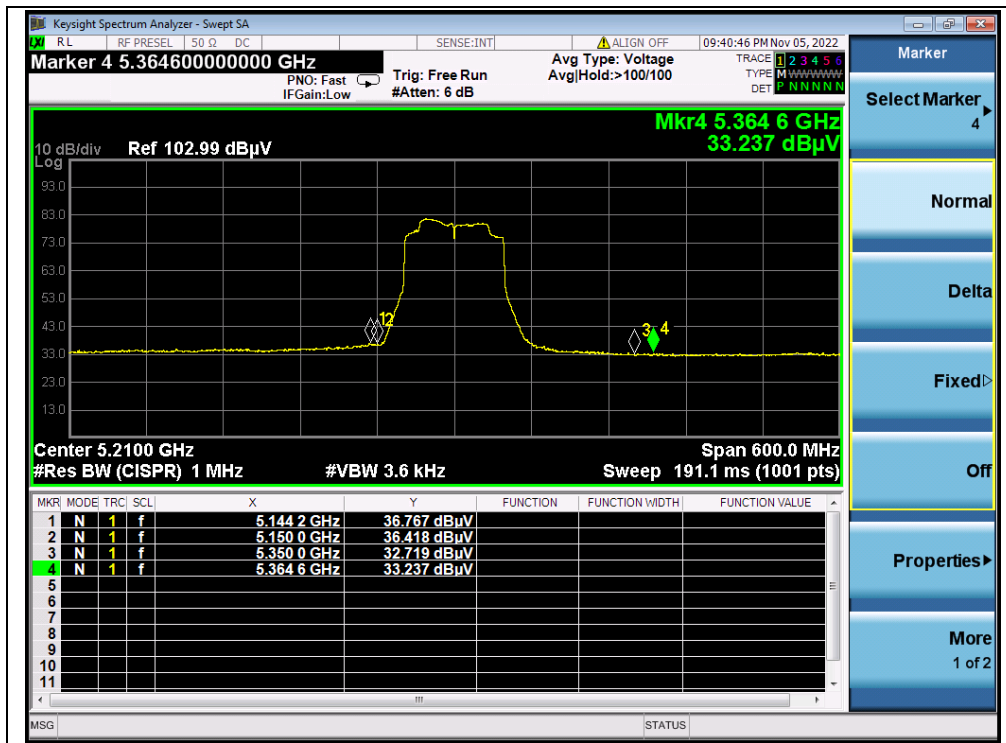
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
42	5095.00	PK	45.10	-19.54	32.20	57.76	74	PASS
42	5144.20	AV	36.77	-19.54	32.20	49.43	54	PASS
58	5101.00	PK	44.25	-18.80	32.20	57.65	74	PASS
58	5350.00	AV	35.06	-18.80	32.20	48.46	54	PASS
106	5248.67	PK	44.62	-19.20	32.20	57.62	68.23	PASS
106	5470.00	AV	34.04	-19.20	32.20	47.04	54	PASS
138	5793.80	PK	44.29	-19.20	32.20	57.29	68.23	PASS
155	5725.00	PK	50.88	-19.01	32.20	64.07	122.23	PASS
155	5850.00	PK	45.71	-19.01	32.20	58.90	122.23	PASS



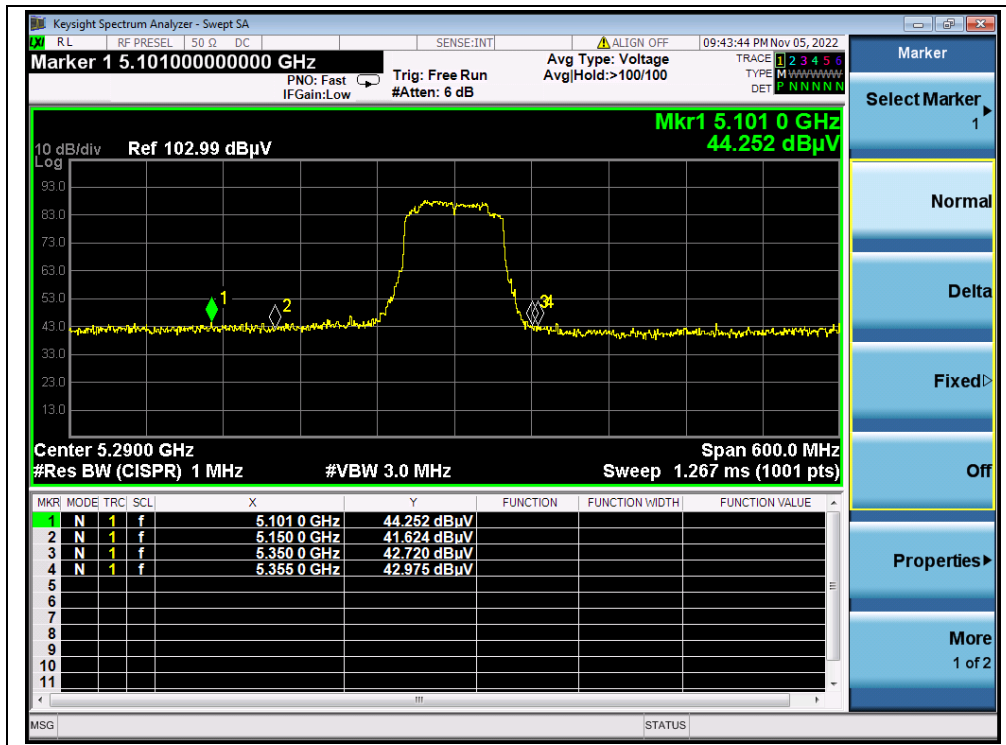
B.Test Plot:



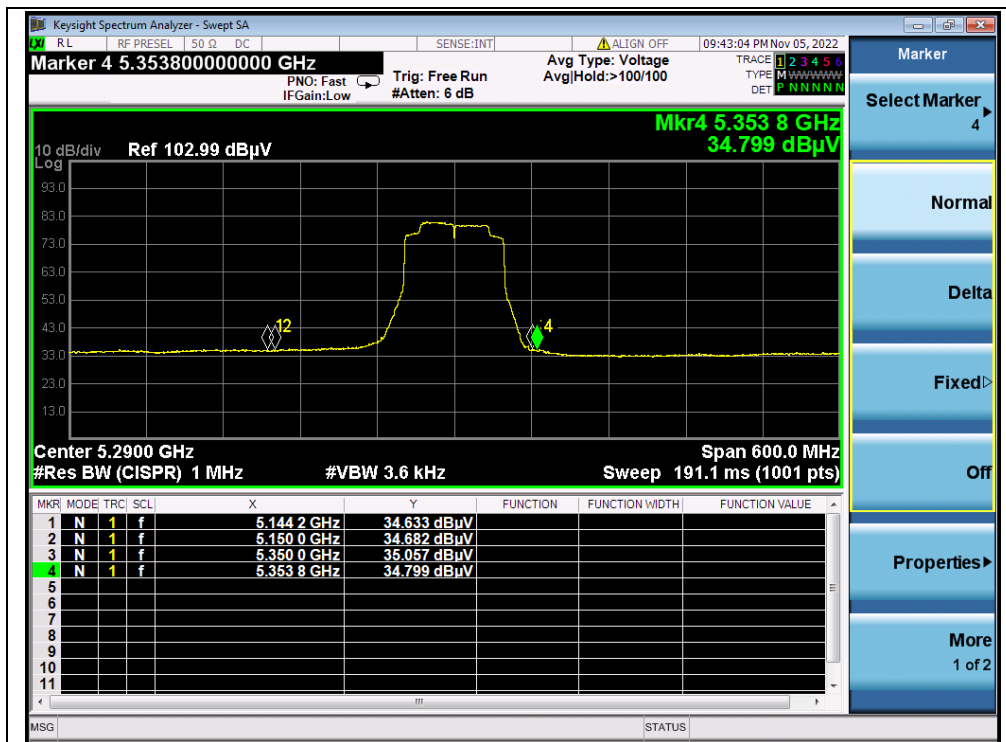
(PEAK, Channel 42, 802.11ac (VHT80))



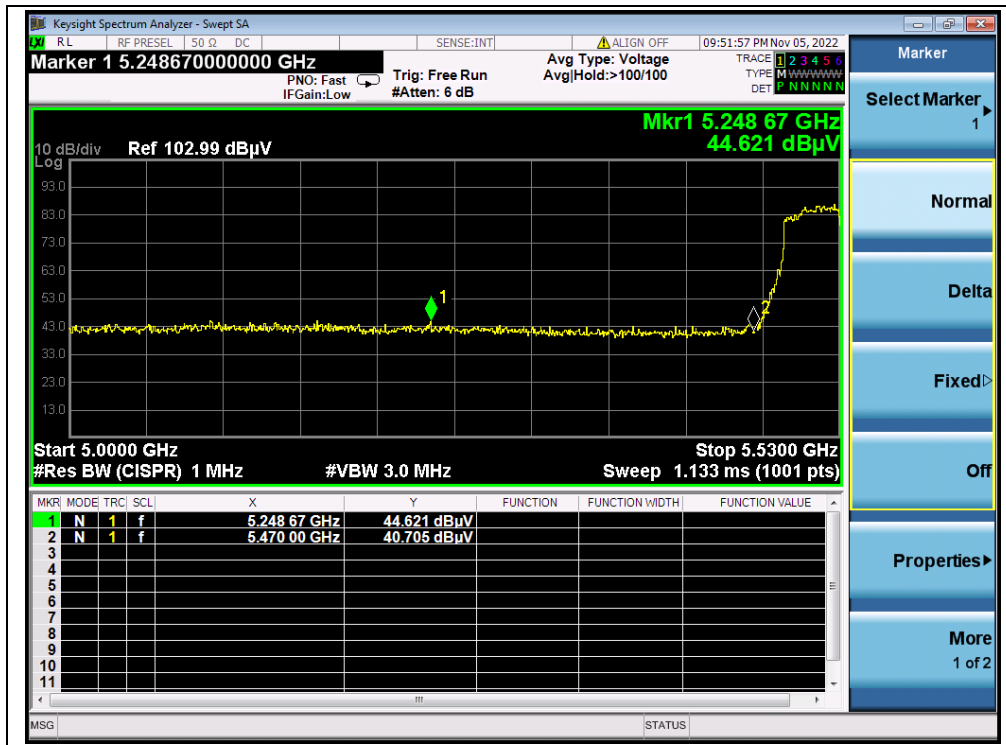
(AVERAGE, Channel 42, 802.11ac (VHT80))



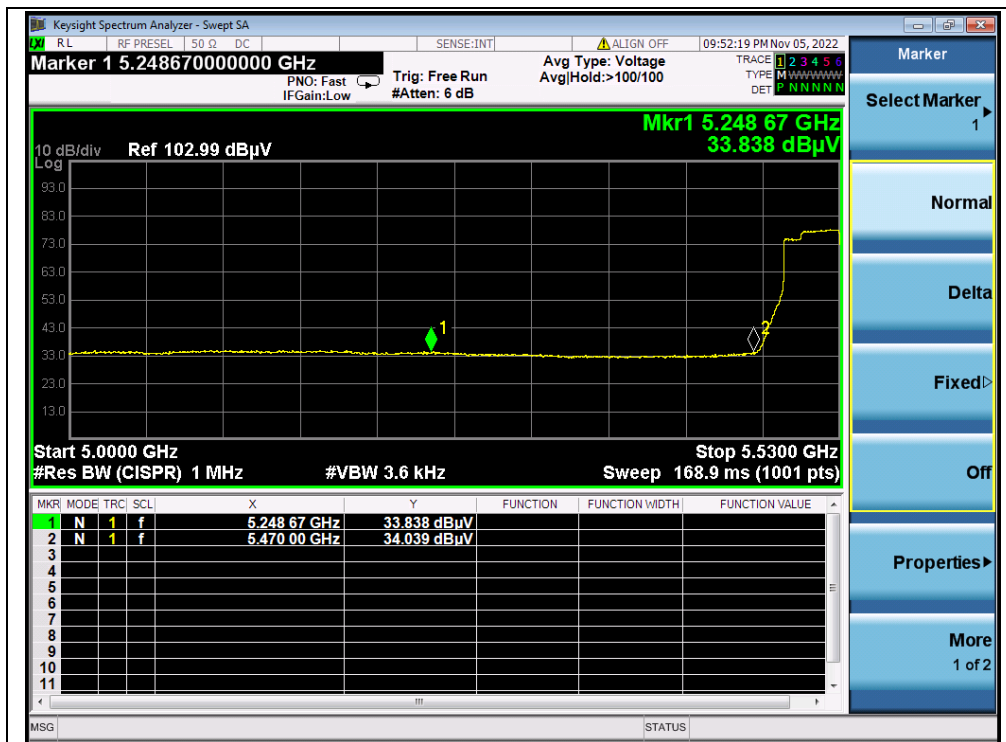
(PEAK, Channel 58, 802.11ac (VHT80))



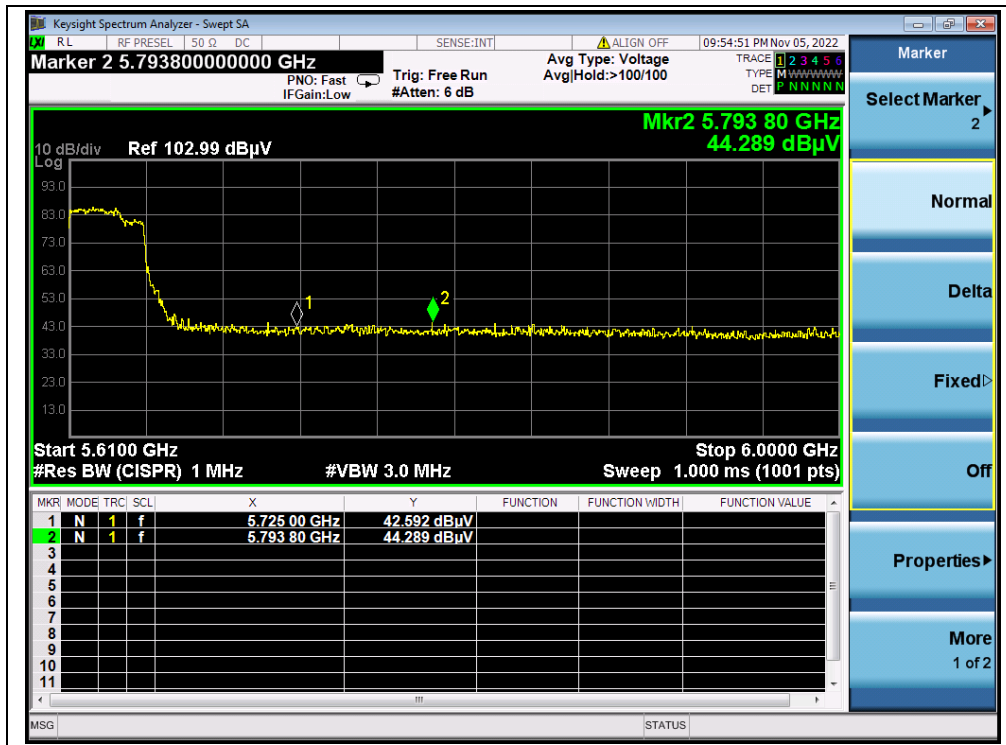
(AVERAGE, Channel 58, 802.11ac (VHT80))



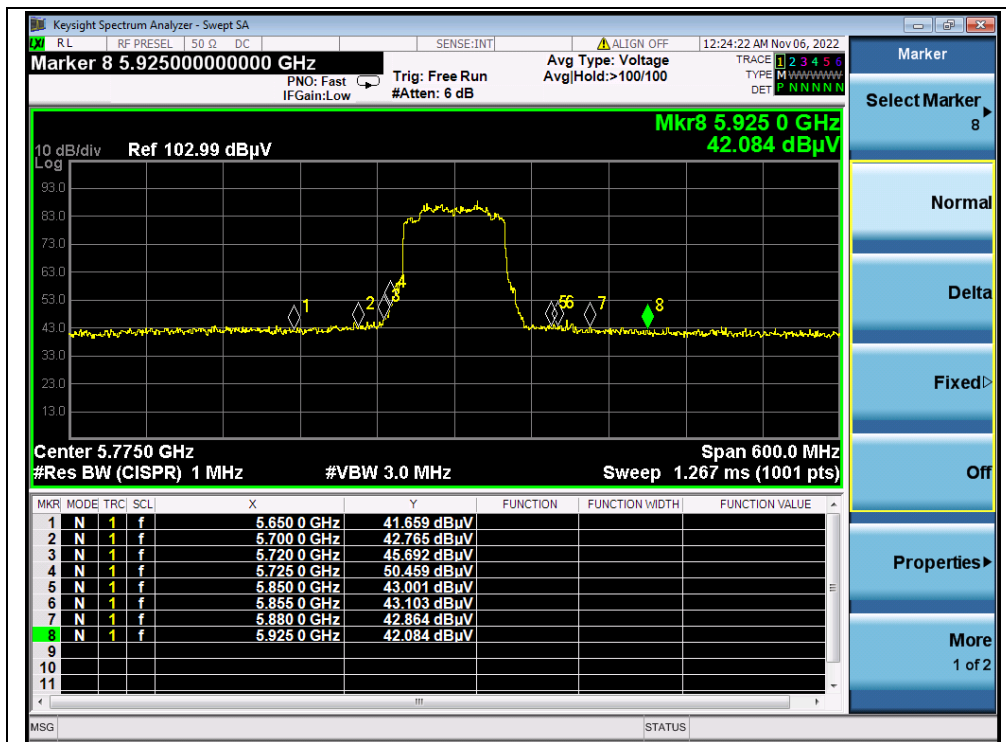
(PEAK, Channel 106, 802.11ac (VHT80))



(AVERAGE, Channel 106, 802.11ac (VHT80))



(PEAK, Channel 138, 802.11ac (VHT80))



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

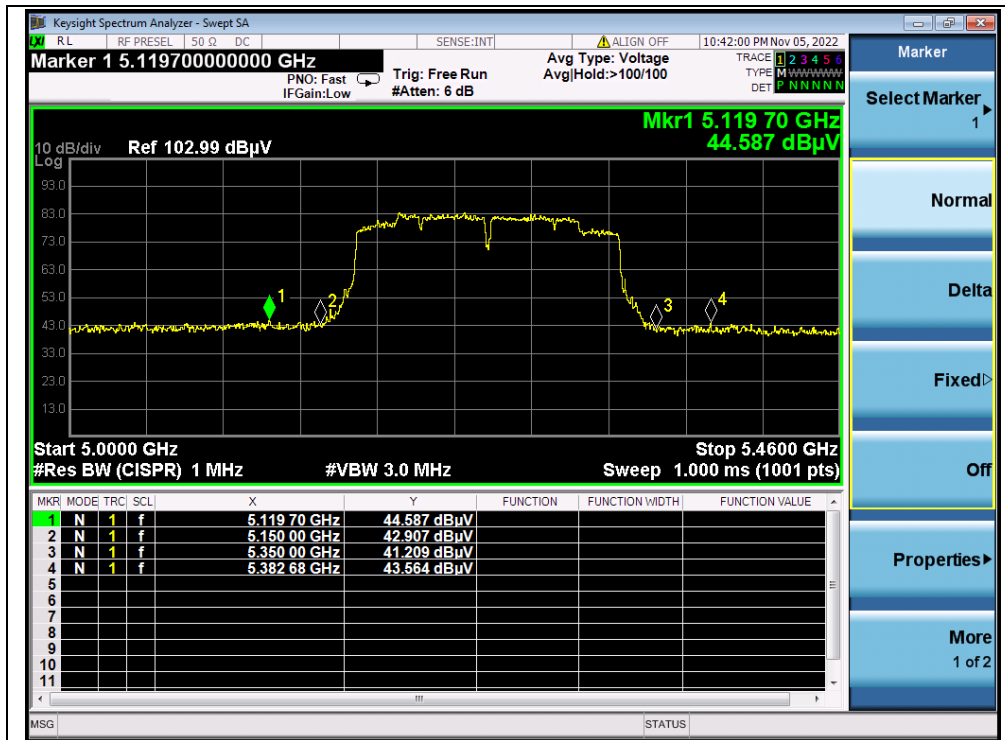


802.11ac (VHT160) Mode

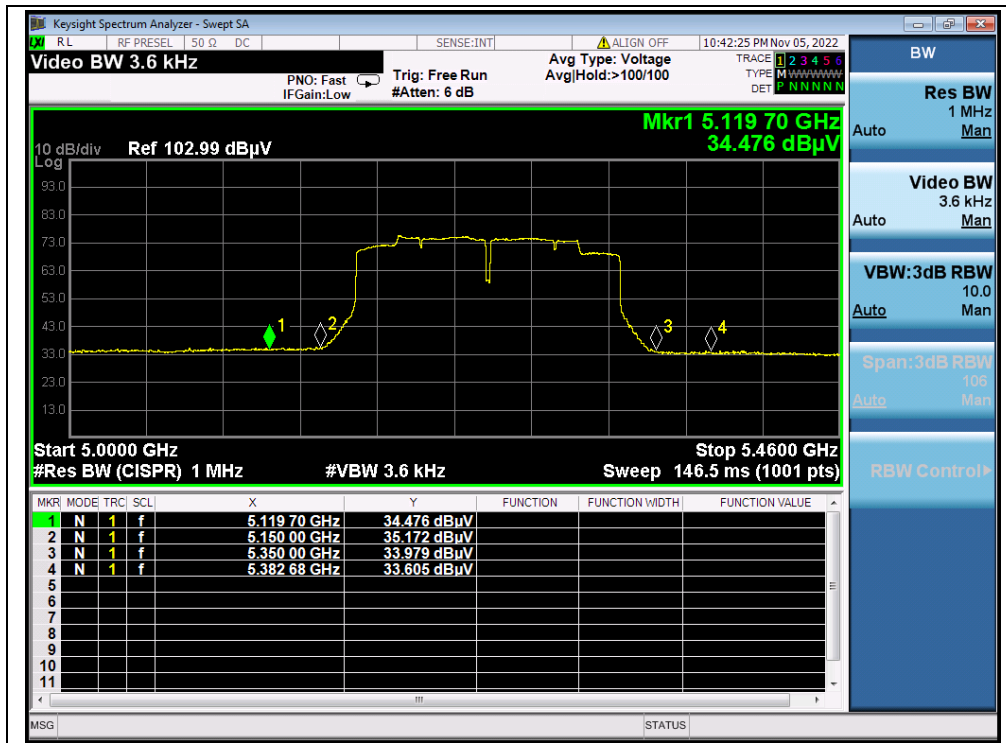
A. Test Verdict:

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						
50	5119.70	PK	44.59	-19.54	32.20	57.25	74	PASS
50	5150.00	AV	35.17	-19.54	32.20	47.83	54	PASS
50	5382.68	PK	43.56	-19.54	32.20	56.22	74	PASS
50	5350.00	AV	33.98	-19.54	32.20	46.64	54	PASS
114	5468.00	PK	43.30	-19.20	32.20	56.30	68.23	PASS
114	5470.00	AV	34.70	-19.20	32.20	47.70	54	PASS
114	5734.00	PK	46.07	-19.20	32.20	59.07	68.23	PASS
114	5725.00	AV	36.69	-19.20	32.20	49.69	54	PASS

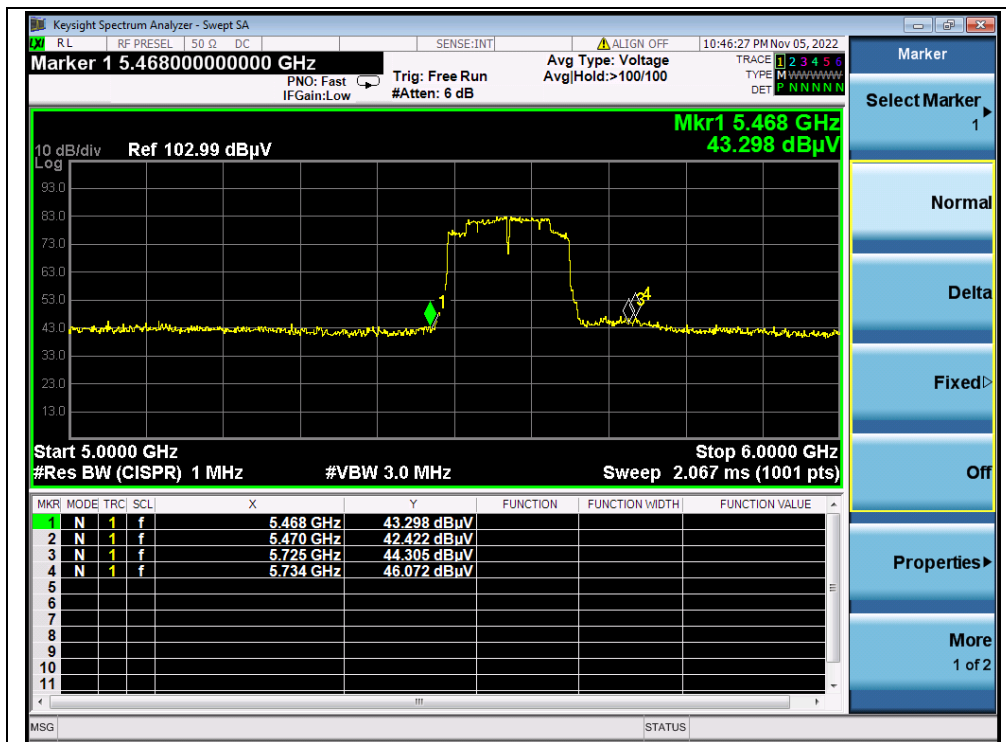
B. Test Plot:



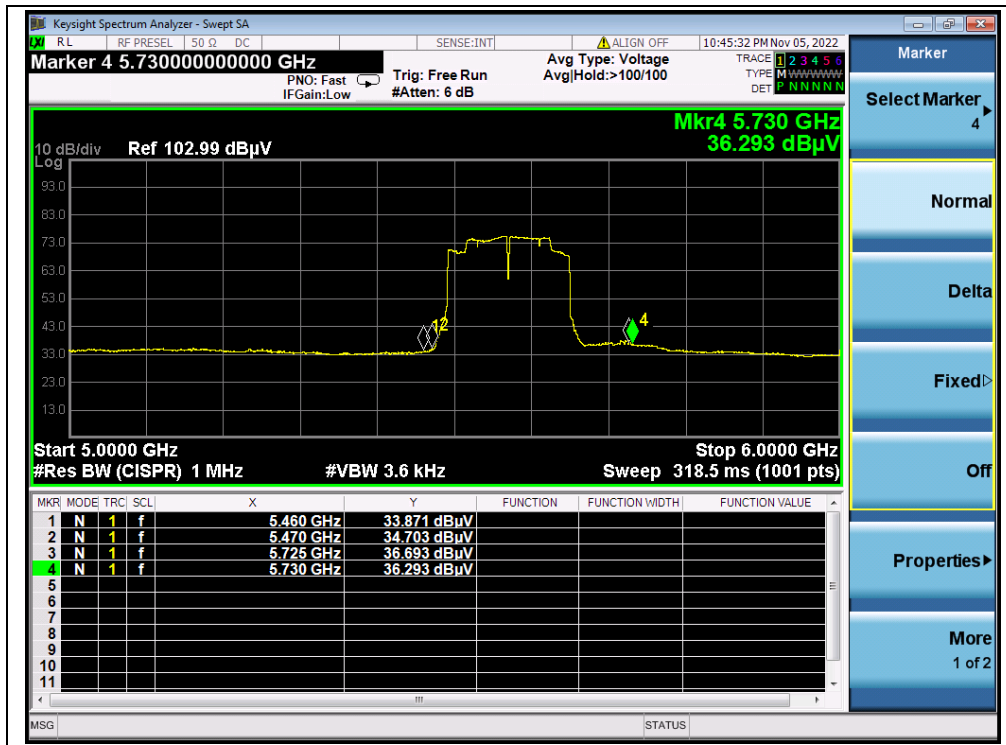
(PEAK, Channel 50, 802.11ac (VHT160))



(AVERAGE, Channel 50, 802.11ac (VHT160))



(PEAK, Channel 114, 802.11ac (VHT160))



(AVERAGE, Channel 114, 802.11ac (VHT160))



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:

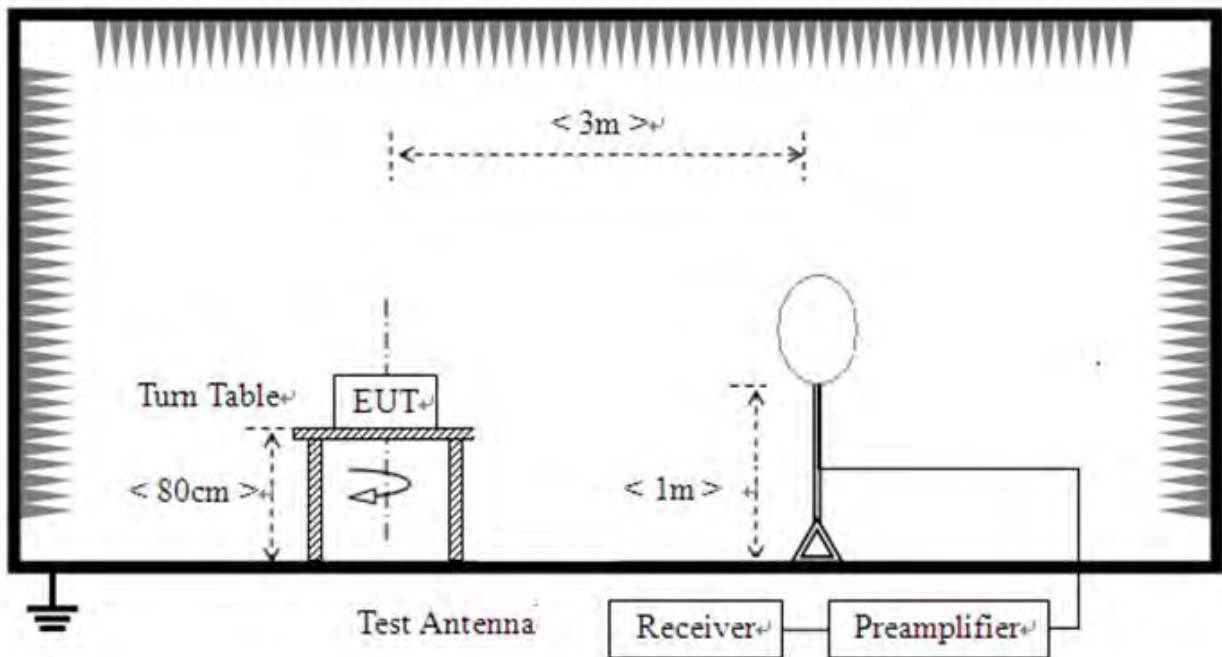
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

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).

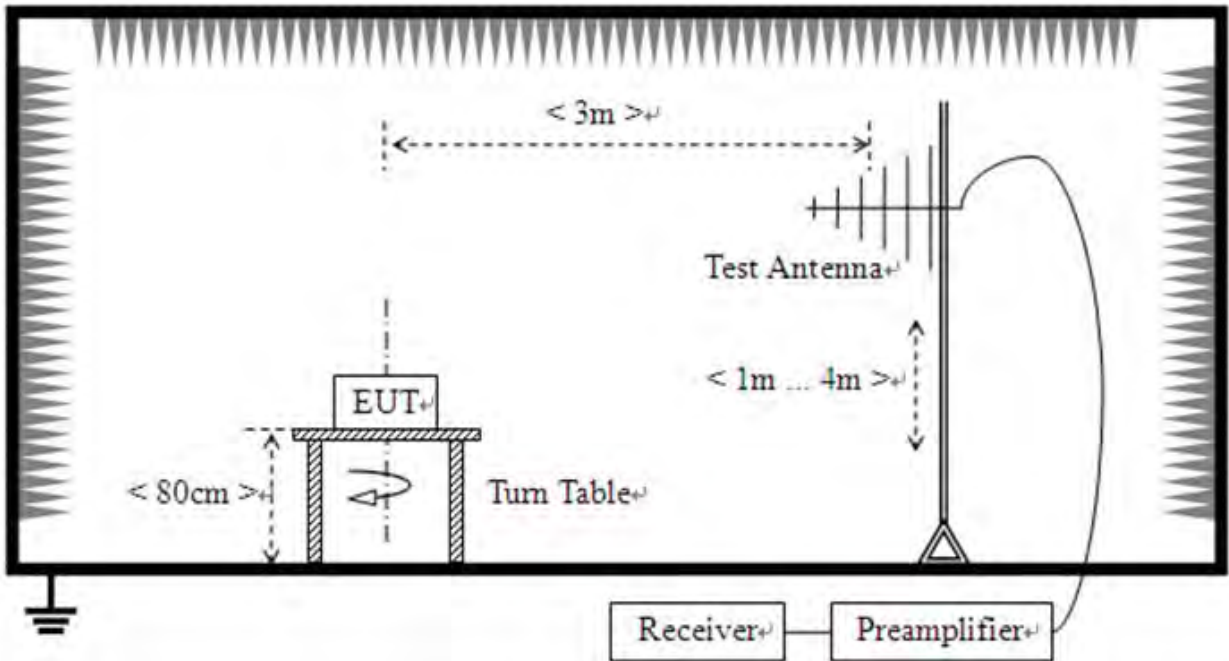
2.9.2. Test Description

Test Setup:

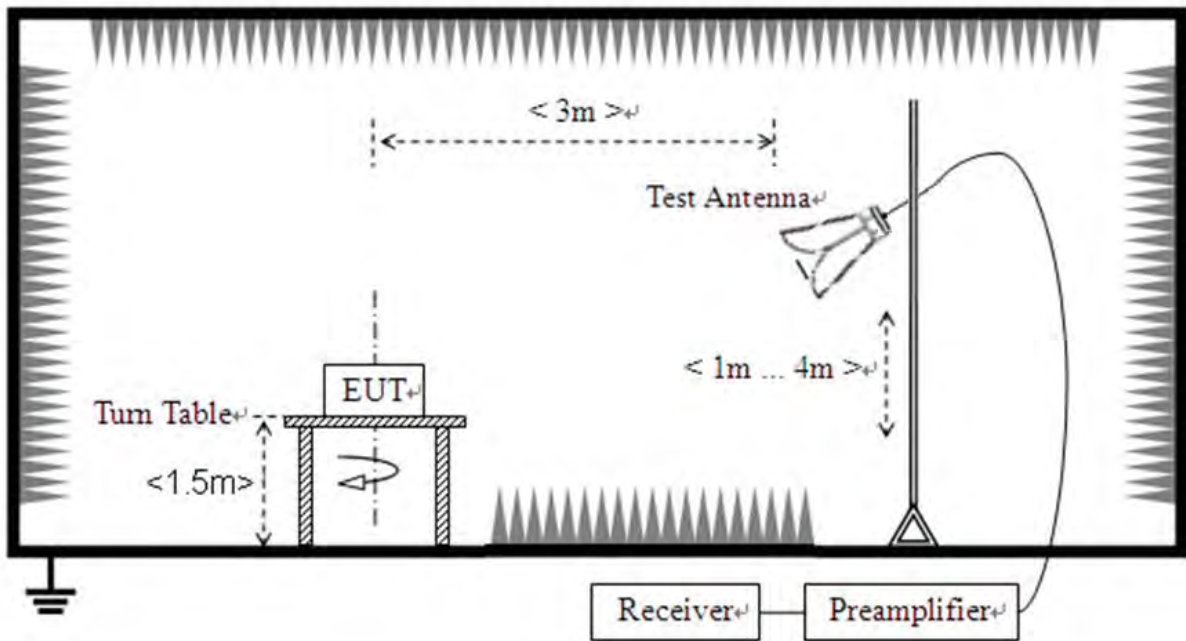
- 1) For radiated emissions from 9kHz to 30MHz



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 3 meters. 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 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. For measurements above 1 GHz, keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.



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.

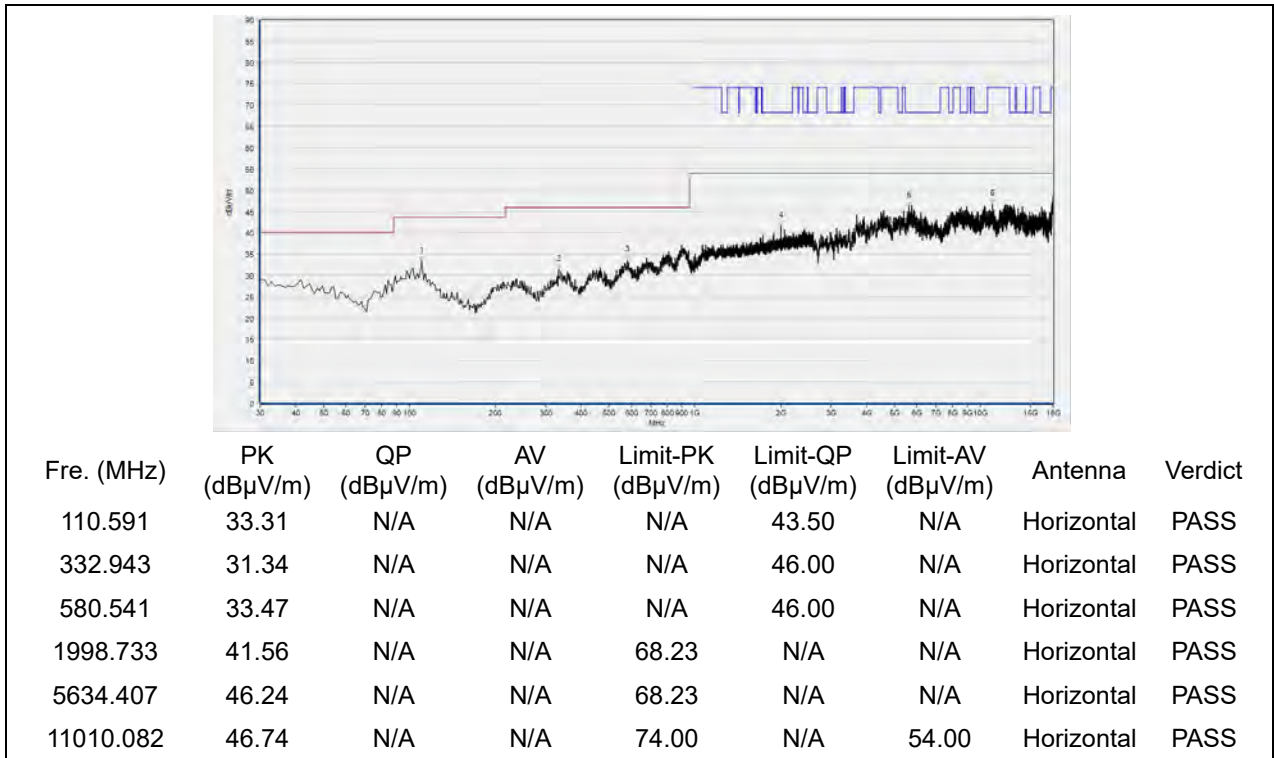
Note 2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note 3: For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

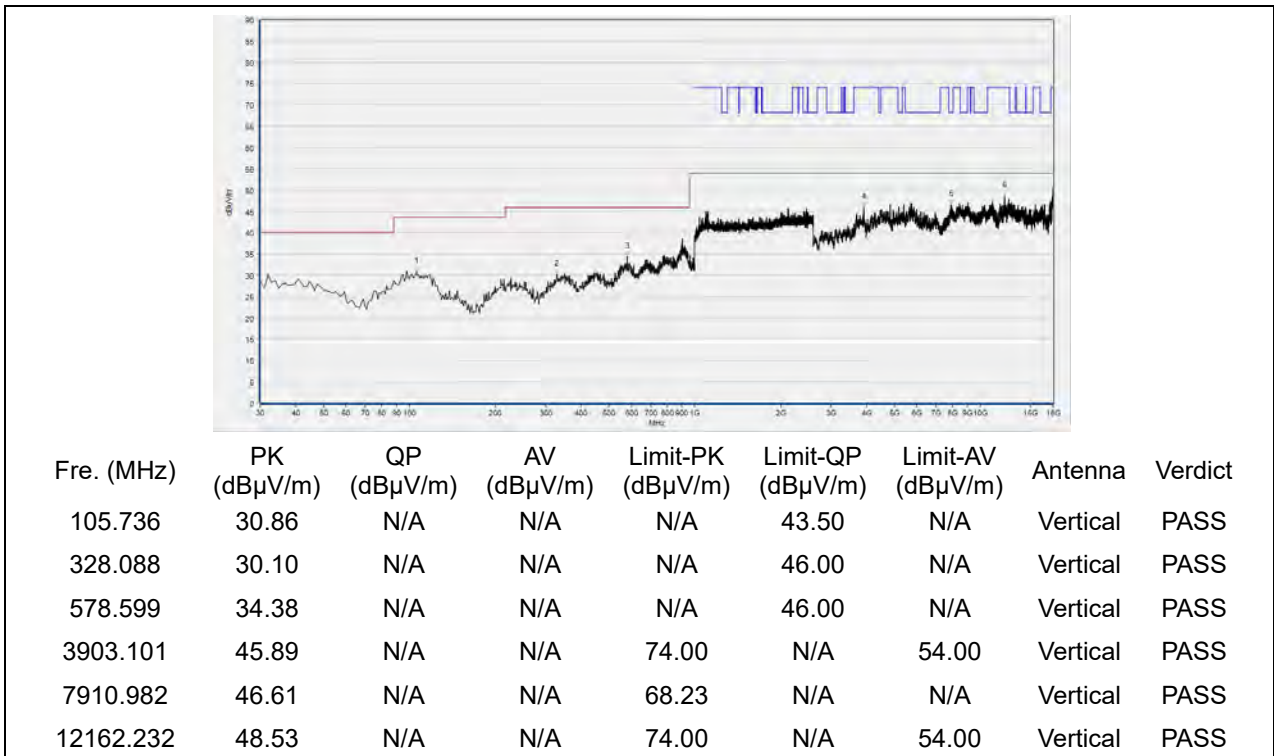
Note 4: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

Plot for Channel 36

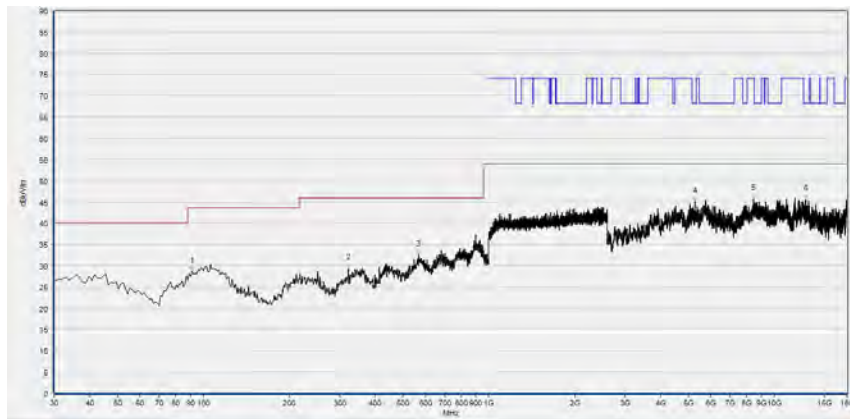


(Antenna Horizontal, 30MHz to 18GHz)



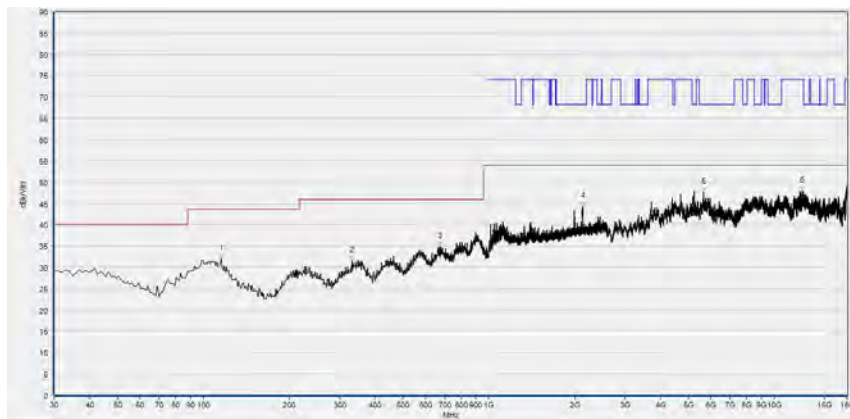
(Antenna Vertical, 30MHz to 18GHz)

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
91.171	28.58	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
322.262	29.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
567.918	32.48	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5283.217	45.13	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8459.332	45.83	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12904.661	45.55	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

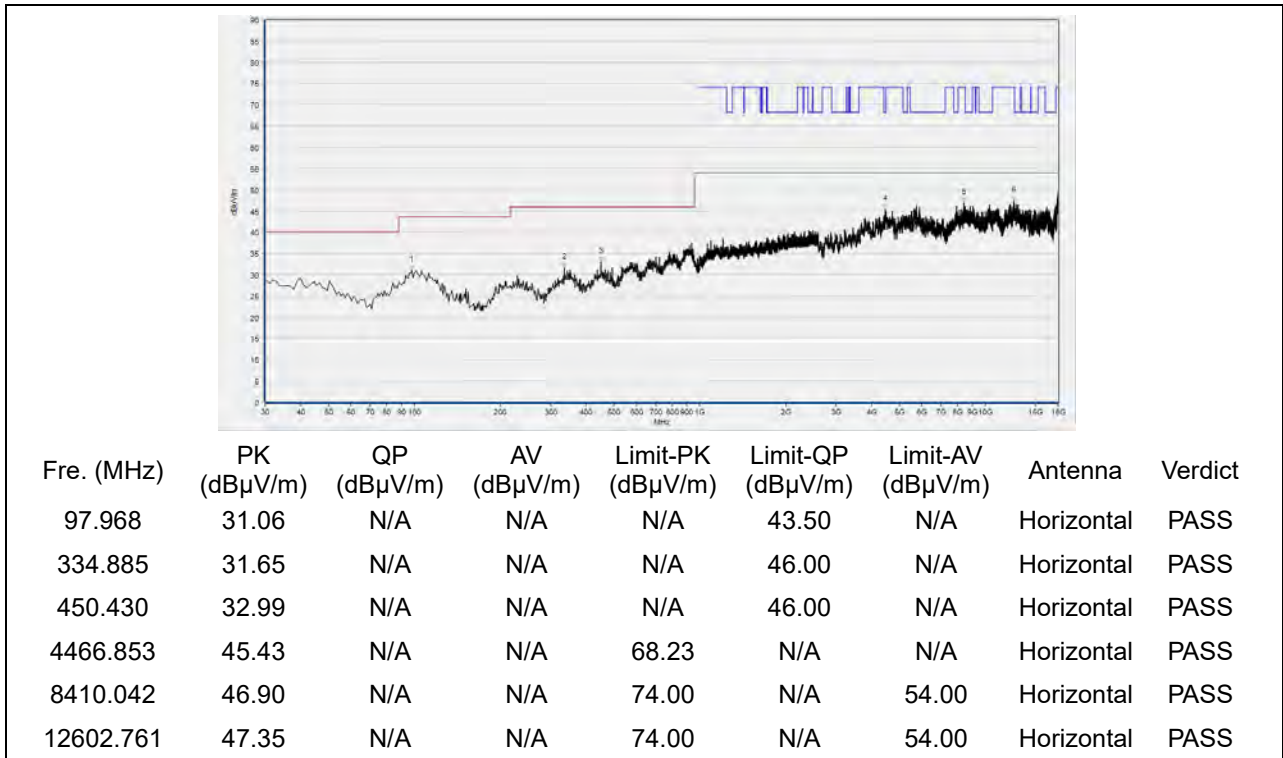
(Antenna Horizontal, 30MHz to 18GHz)



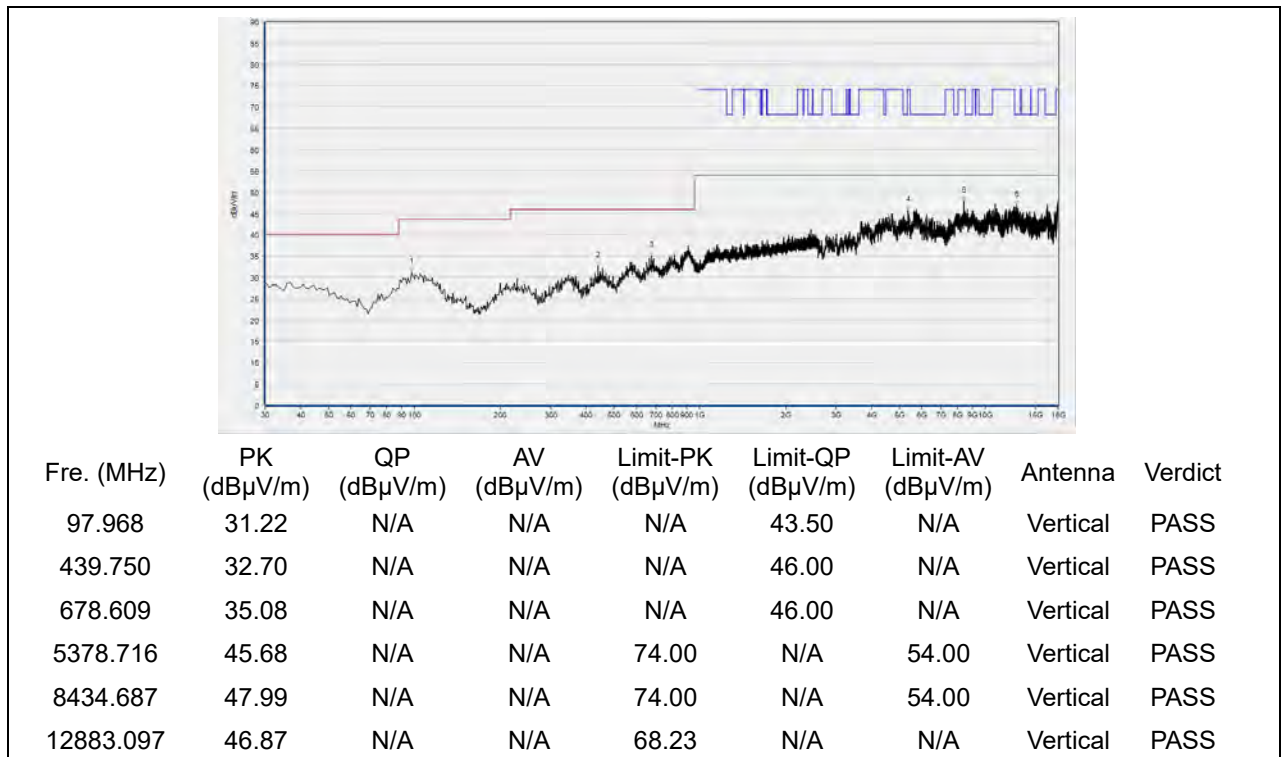
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
115.445	31.98	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
331.972	31.59	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
673.754	34.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2130.510	44.29	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5665.213	47.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12541.148	47.92	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48

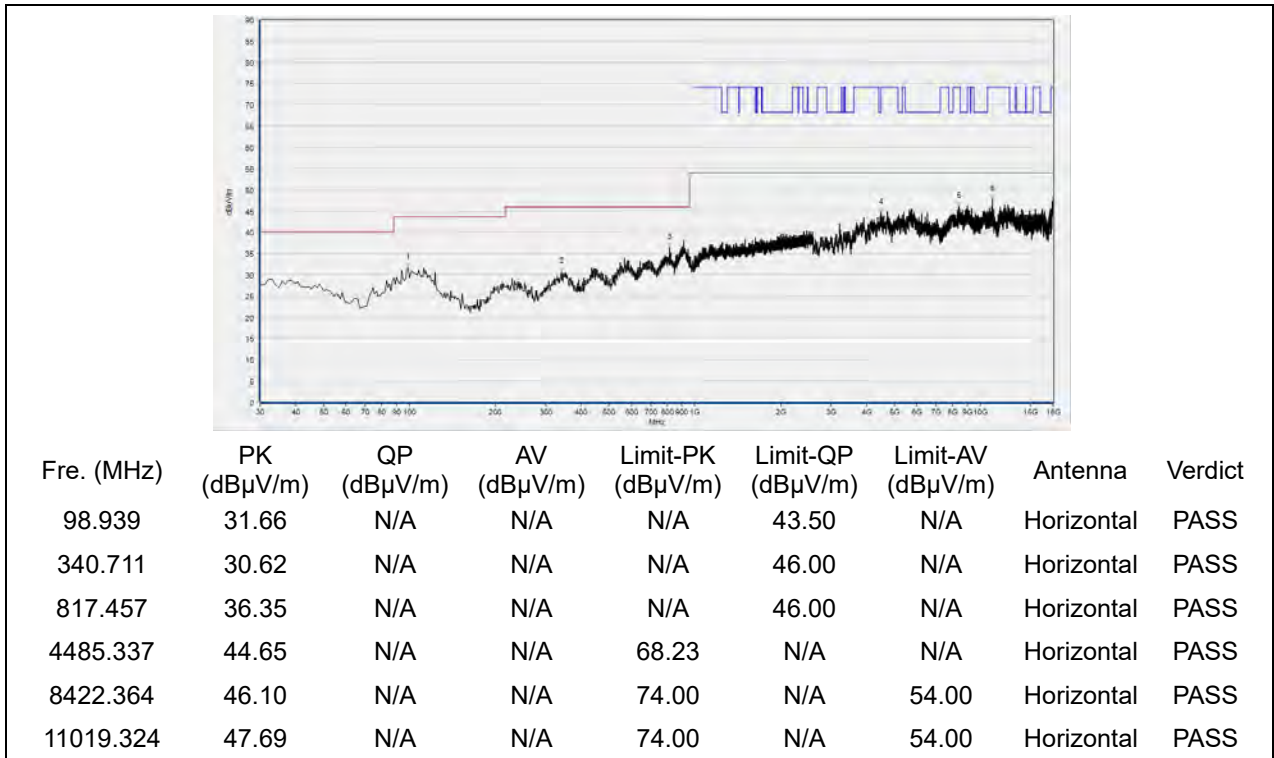


(Antenna Horizontal, 30MHz to 18GHz)

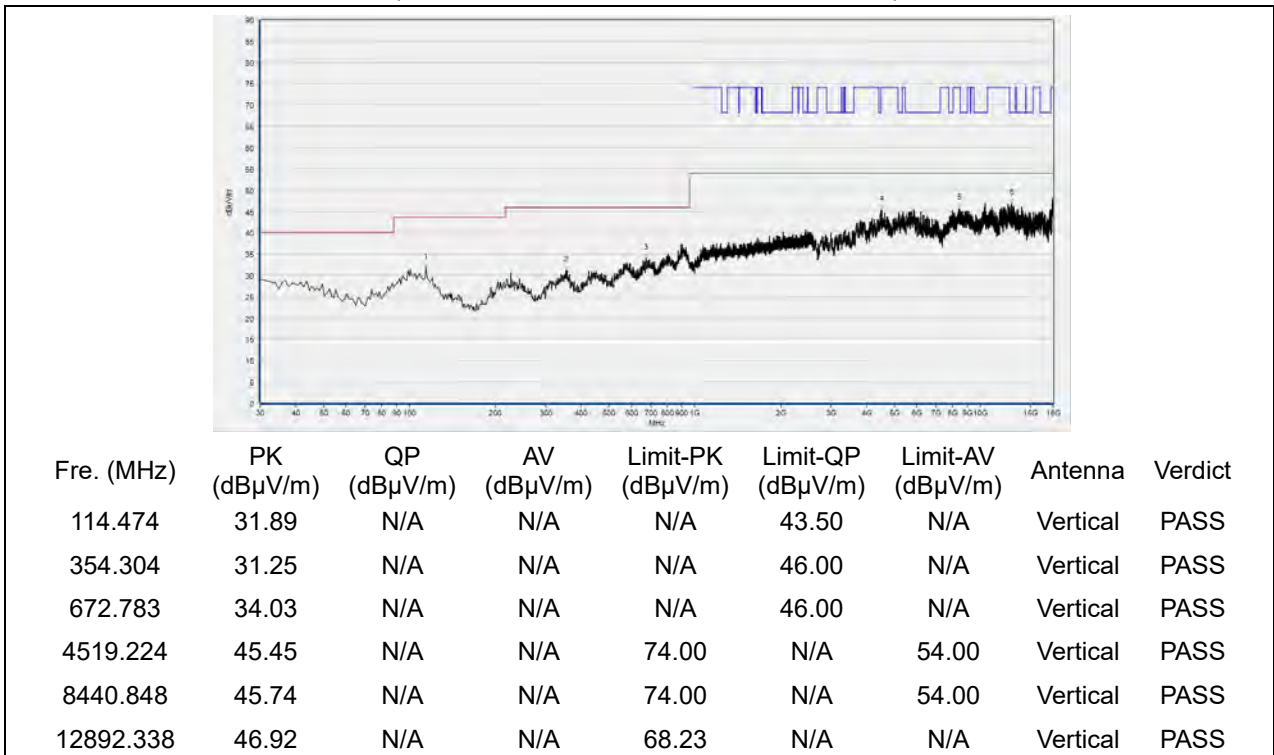


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52

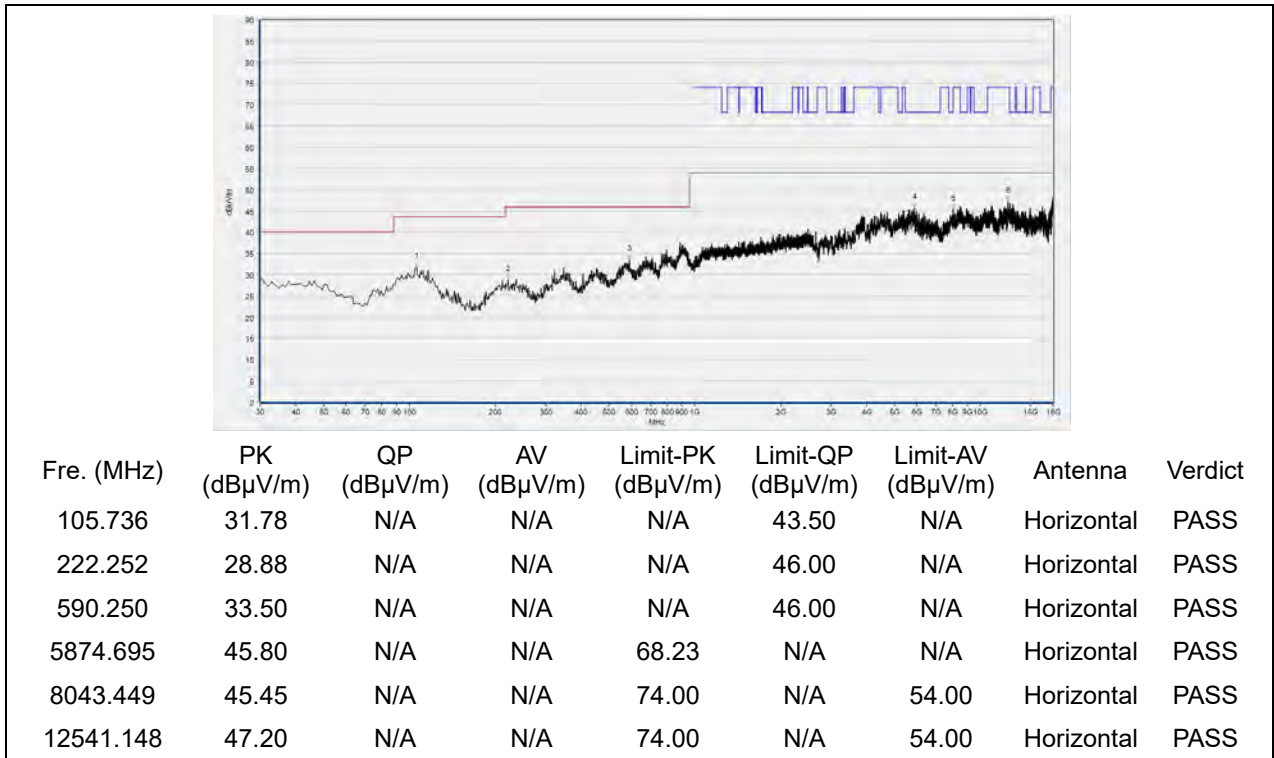


(Antenna Horizontal, 30MHz to 18GHz)

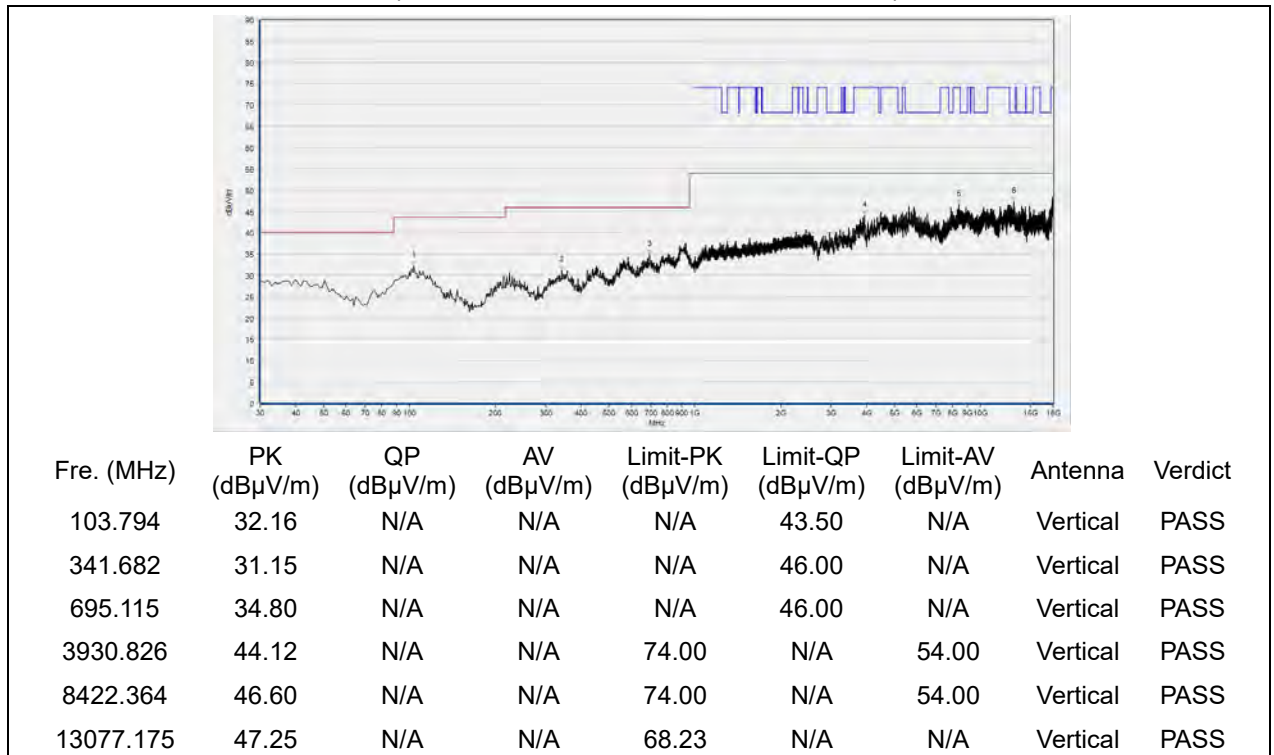


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 60

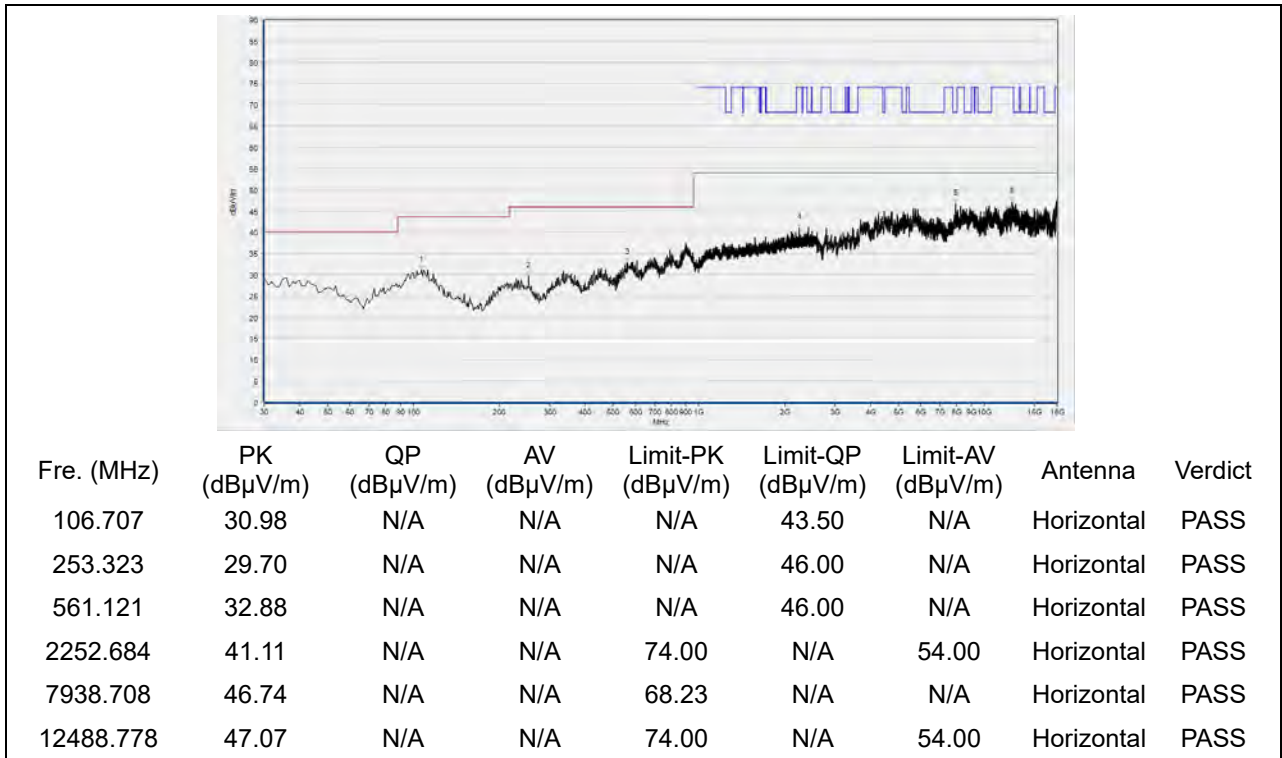


(Antenna Horizontal, 30MHz to 18GHz)

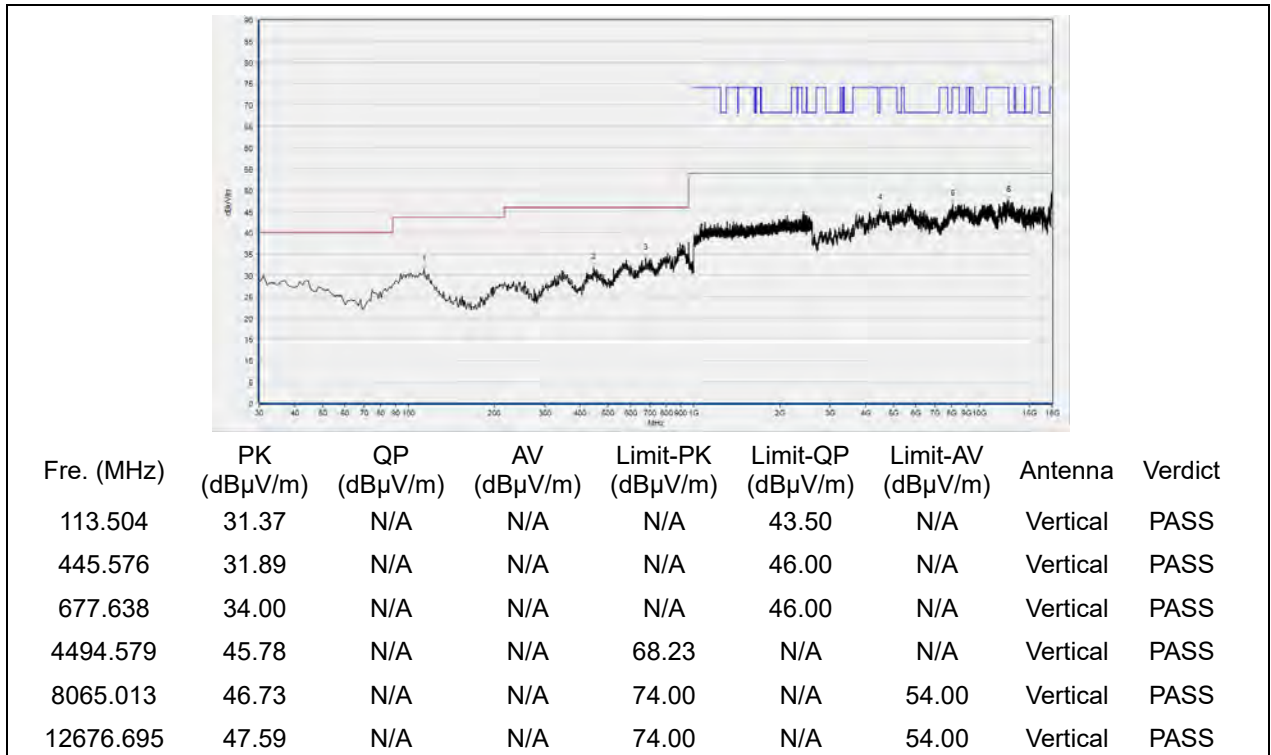


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64

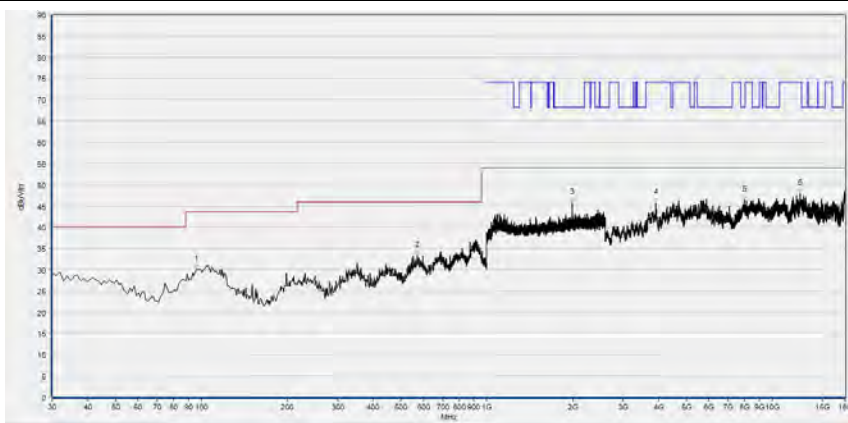


(Antenna Horizontal, 30MHz to 18GHz)



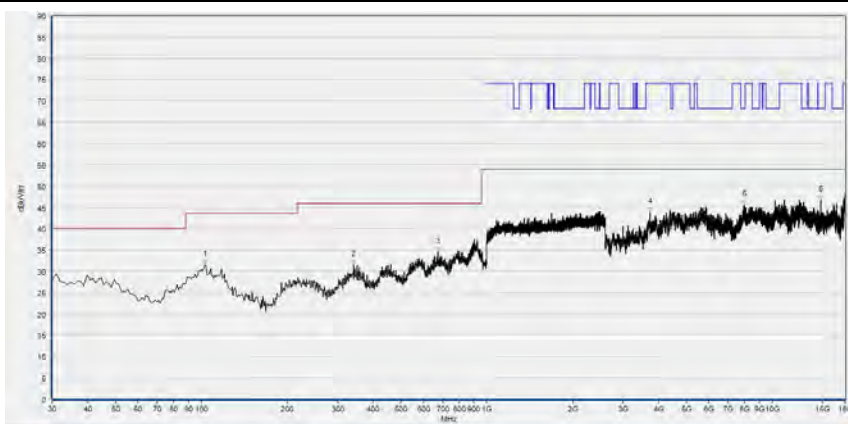
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100



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
96.026	30.07	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
571.802	33.42	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1994.998	45.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
3906.181	45.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7994.159	46.36	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12531.906	47.91	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

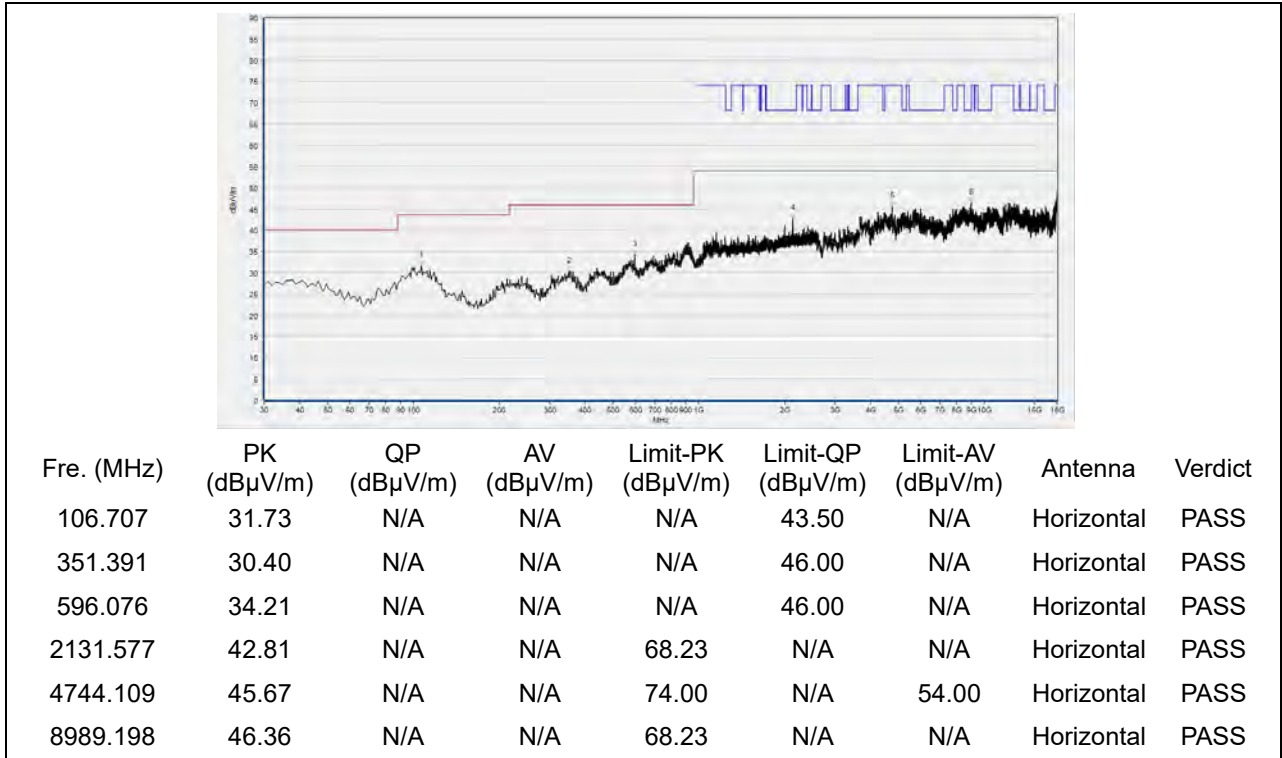
(Antenna Horizontal, 30MHz to 18GHz)



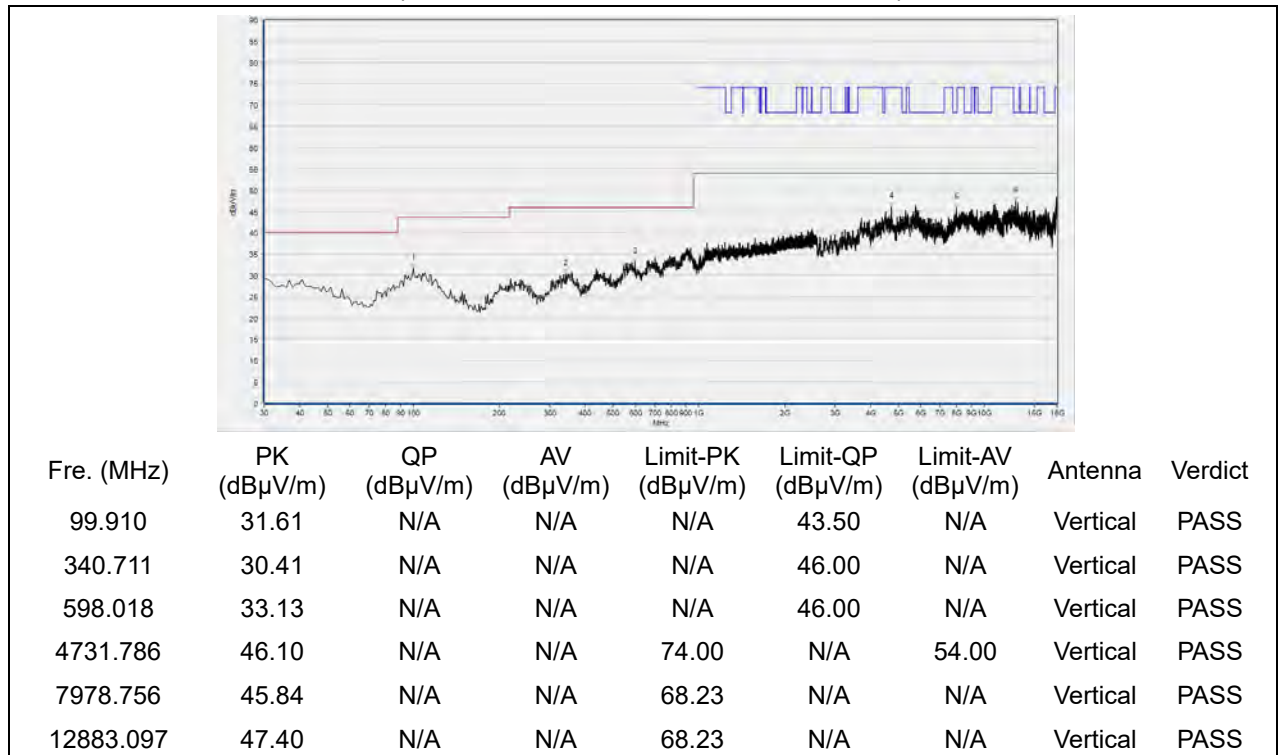
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
102.823	31.46	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
341.682	31.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
673.754	34.53	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3724.425	43.96	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
7987.998	45.66	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14756.111	46.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120

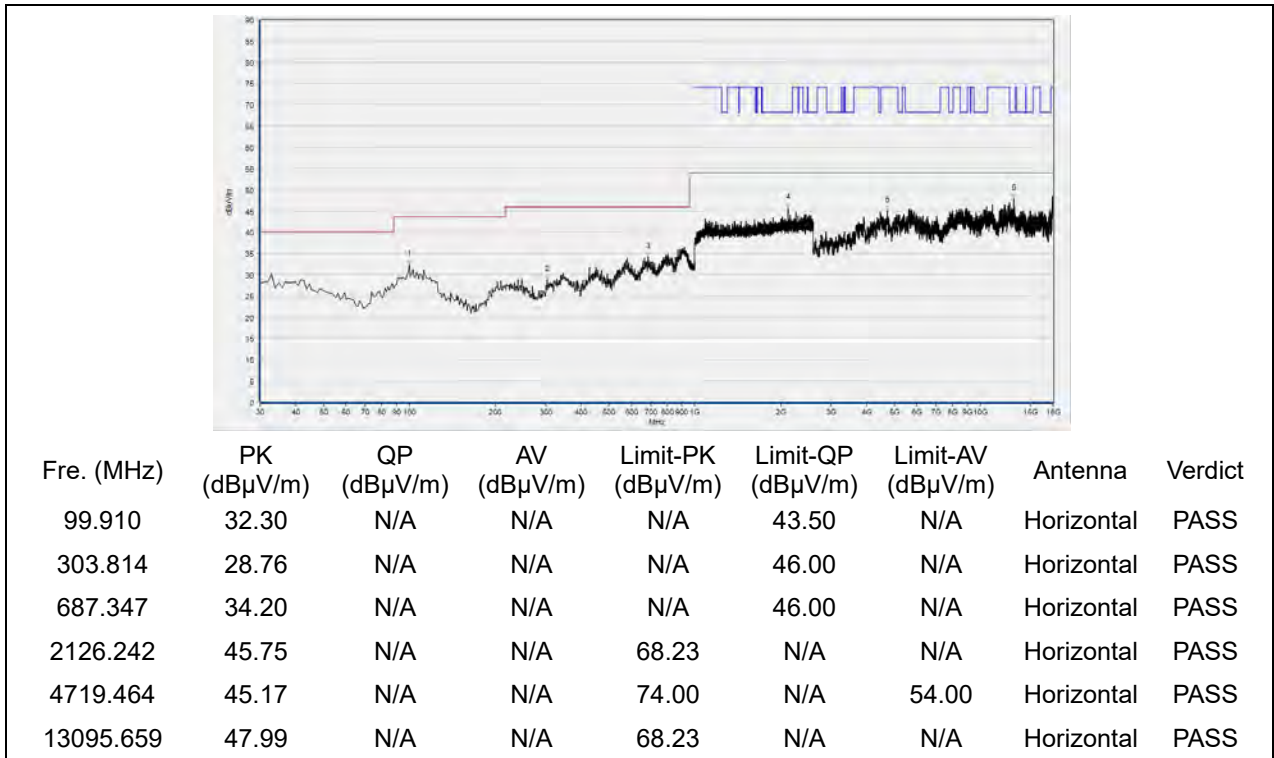


(Antenna Horizontal, 30MHz to 18GHz)

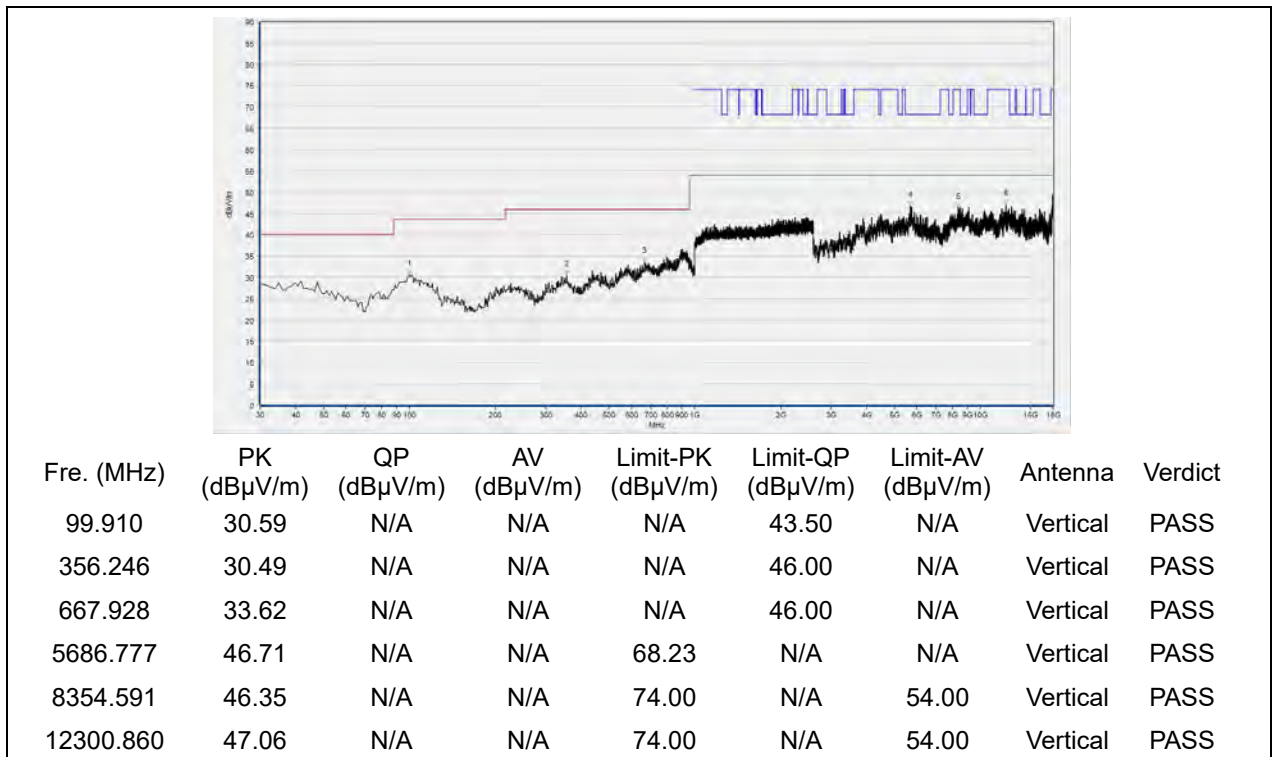


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144

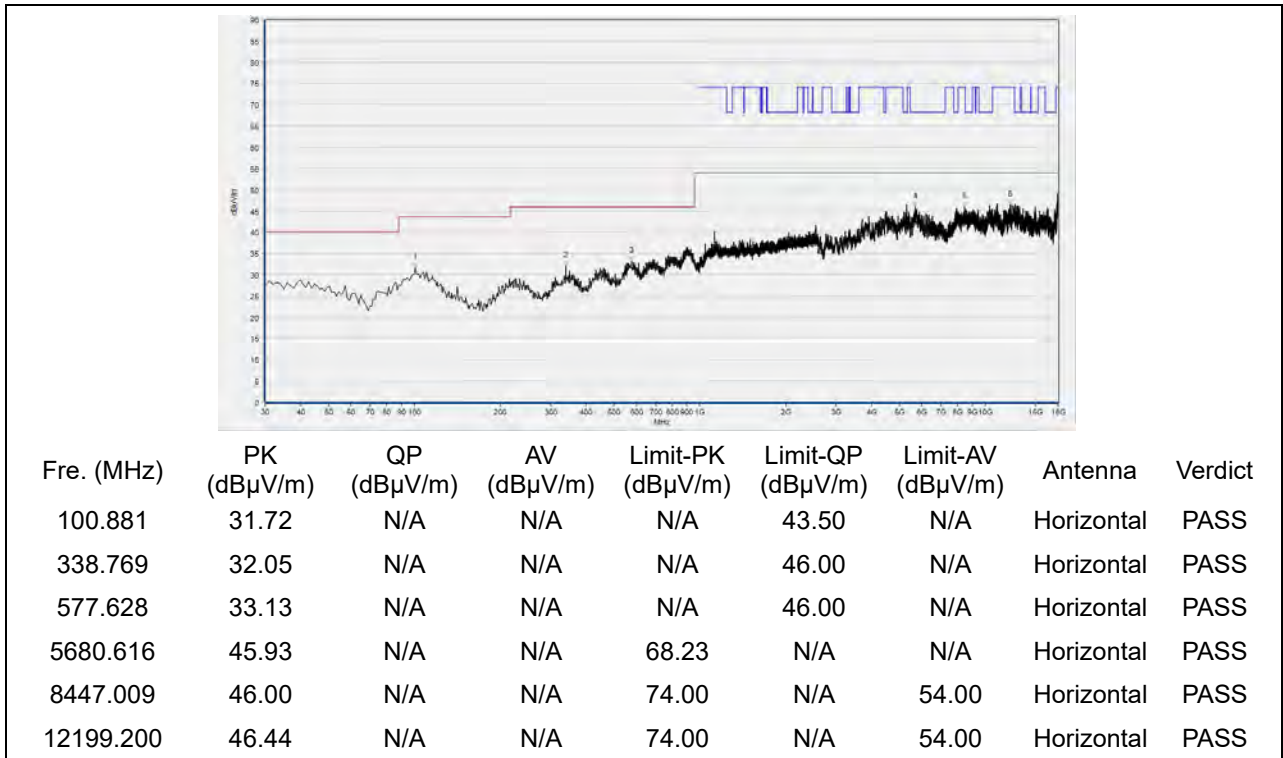


(Antenna Horizontal, 30MHz to 18GHz)

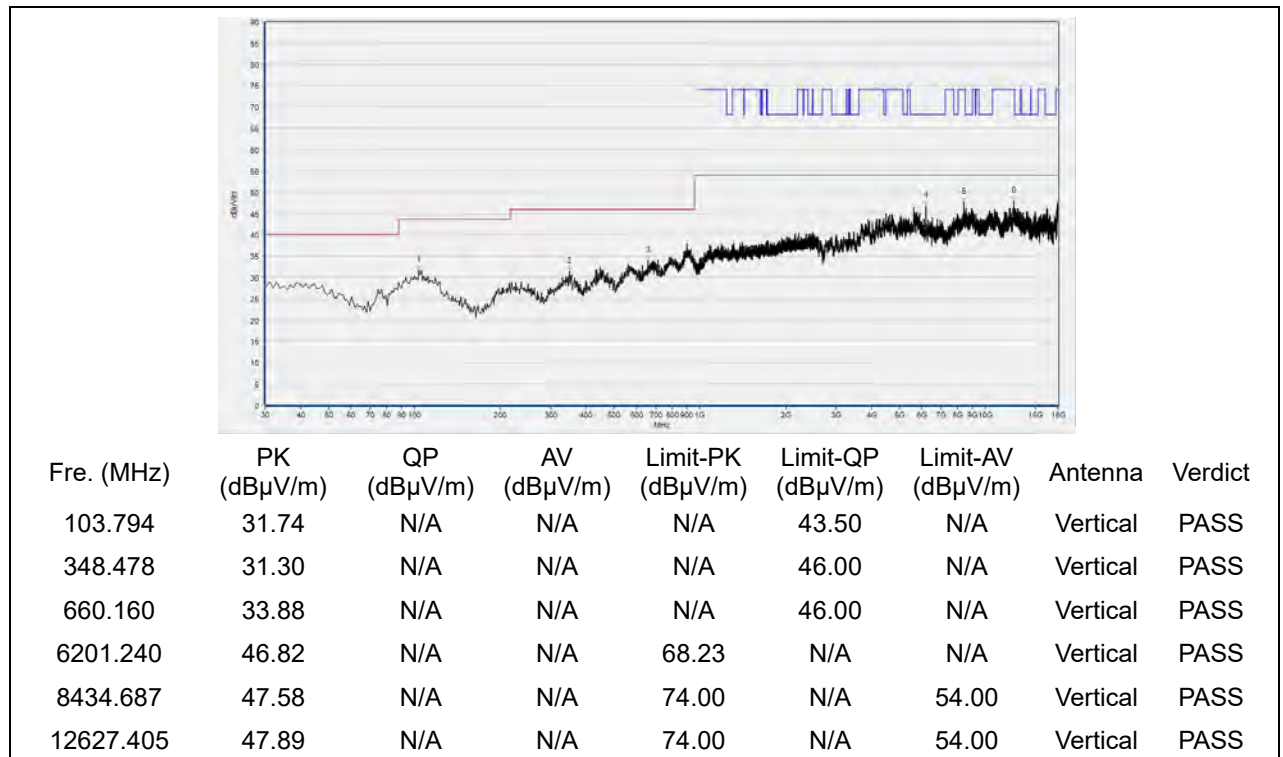


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149

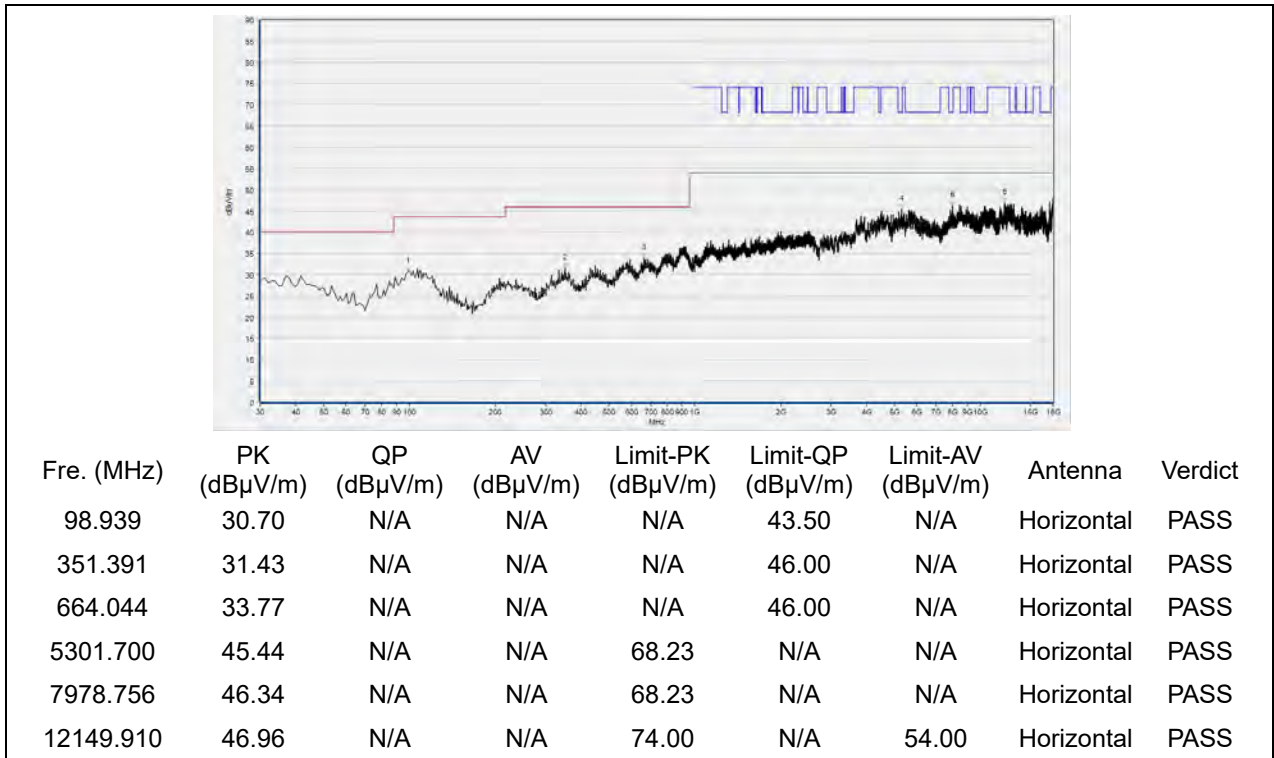


(Antenna Horizontal, 30MHz to 18GHz)

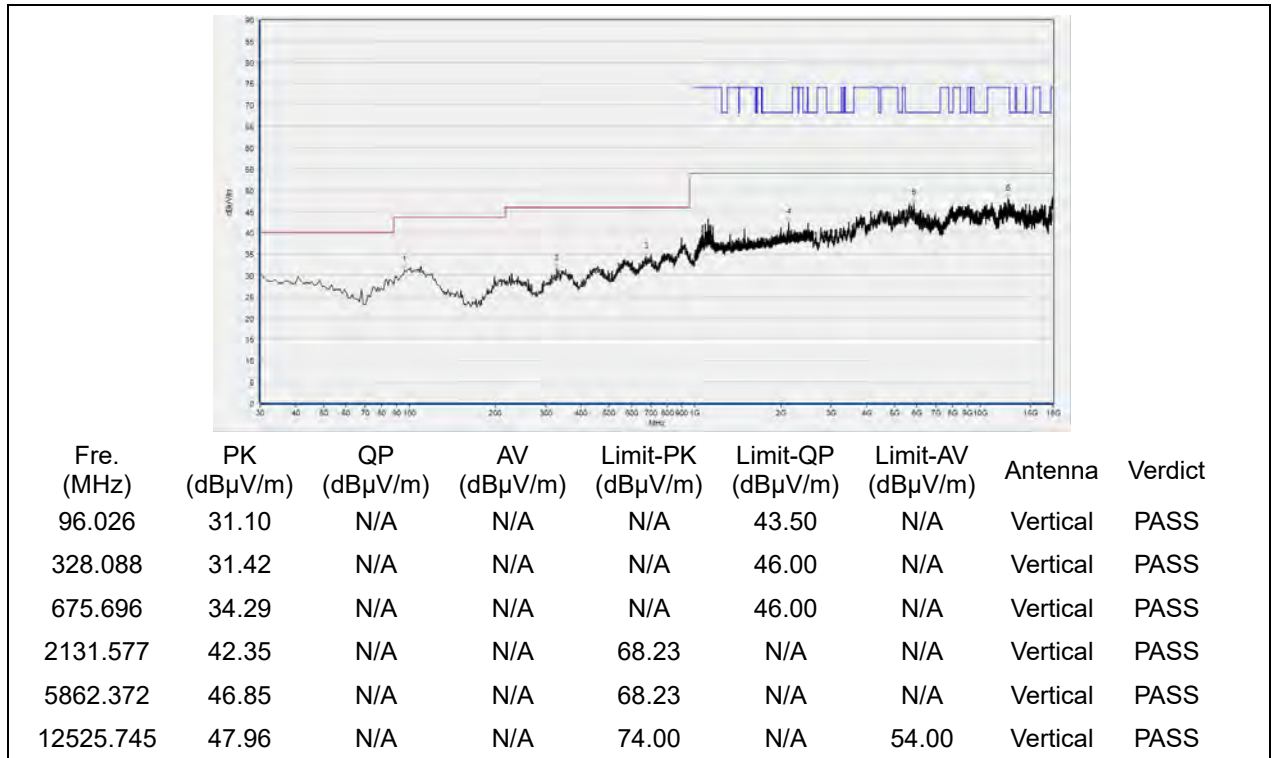


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157

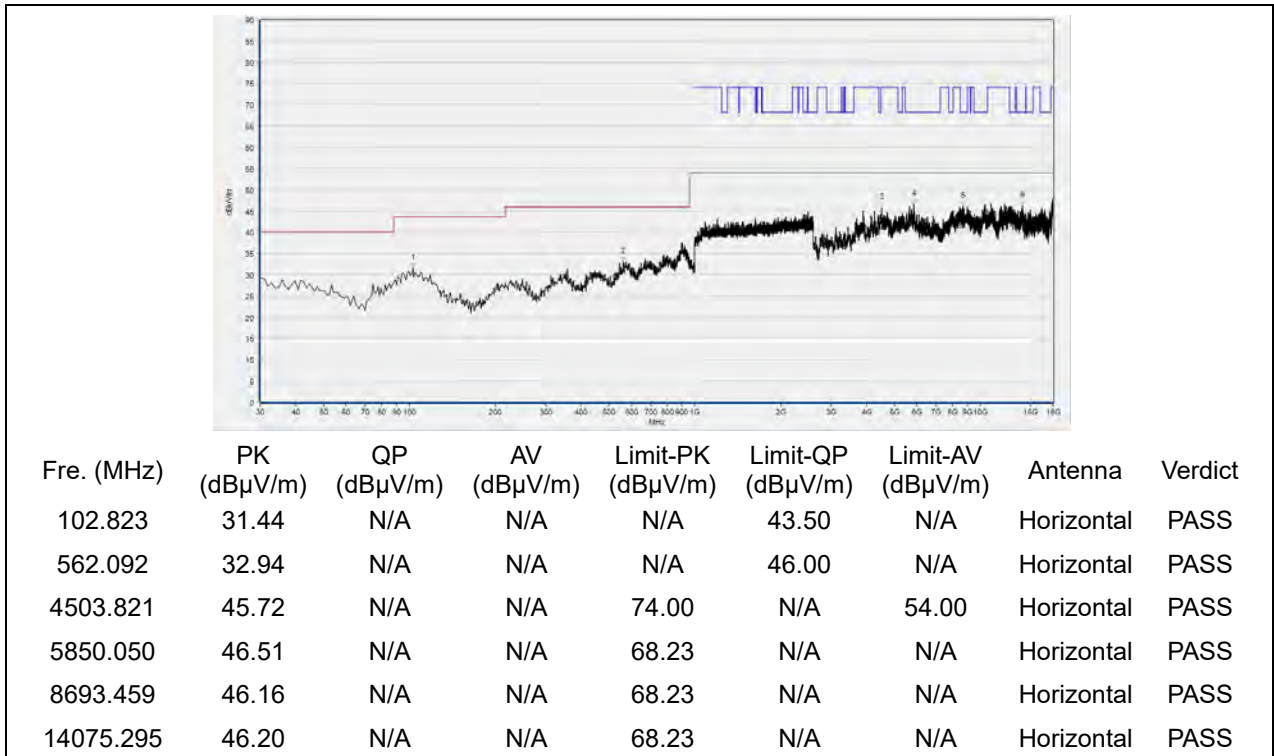


(Antenna Horizontal, 30MHz to 18GHz)

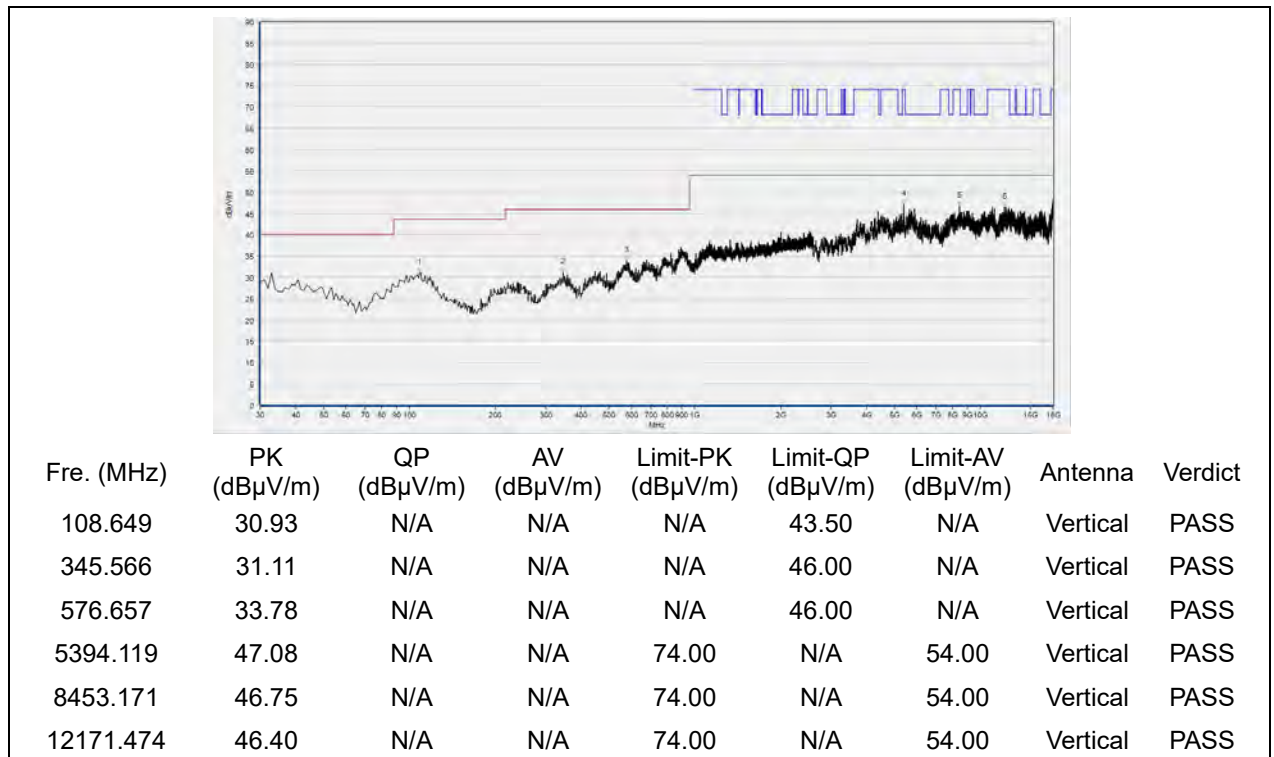


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



(Antenna Horizontal, 30MHz to 18GHz)

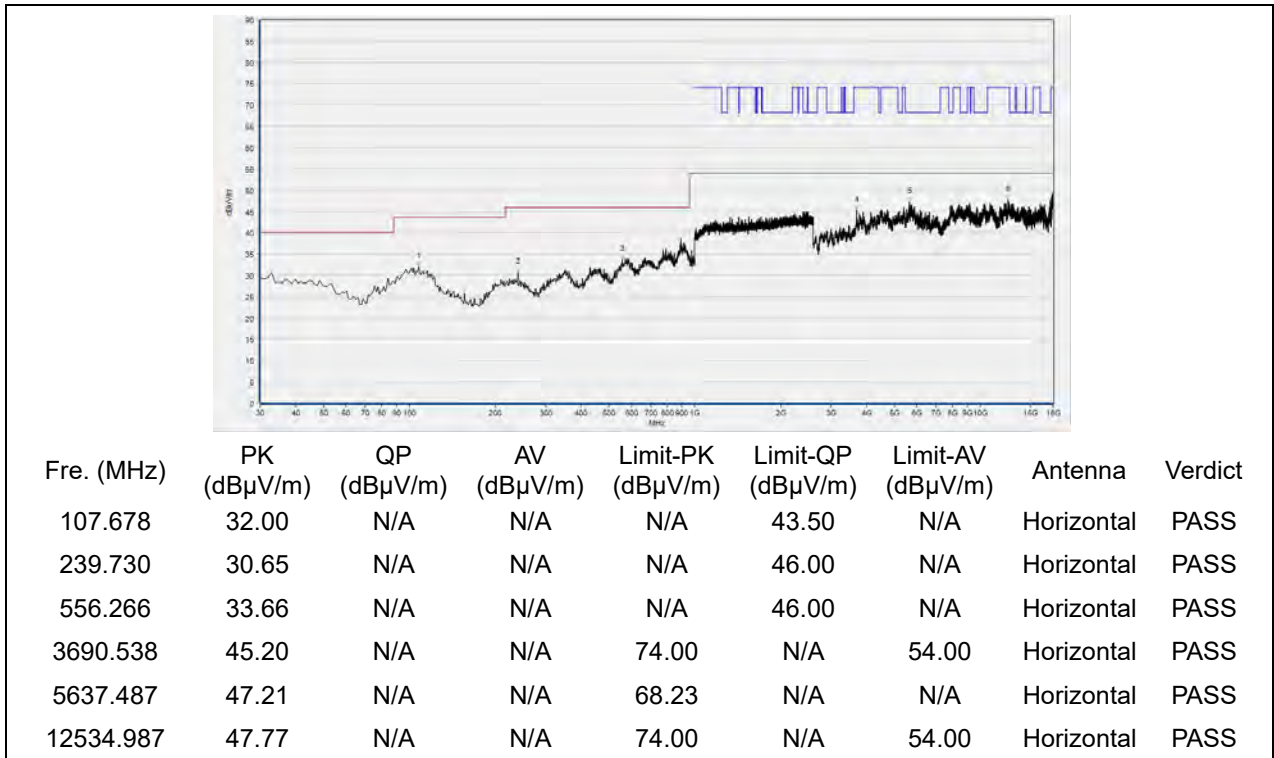


(Antenna Vertical, 30MHz to 18GHz)

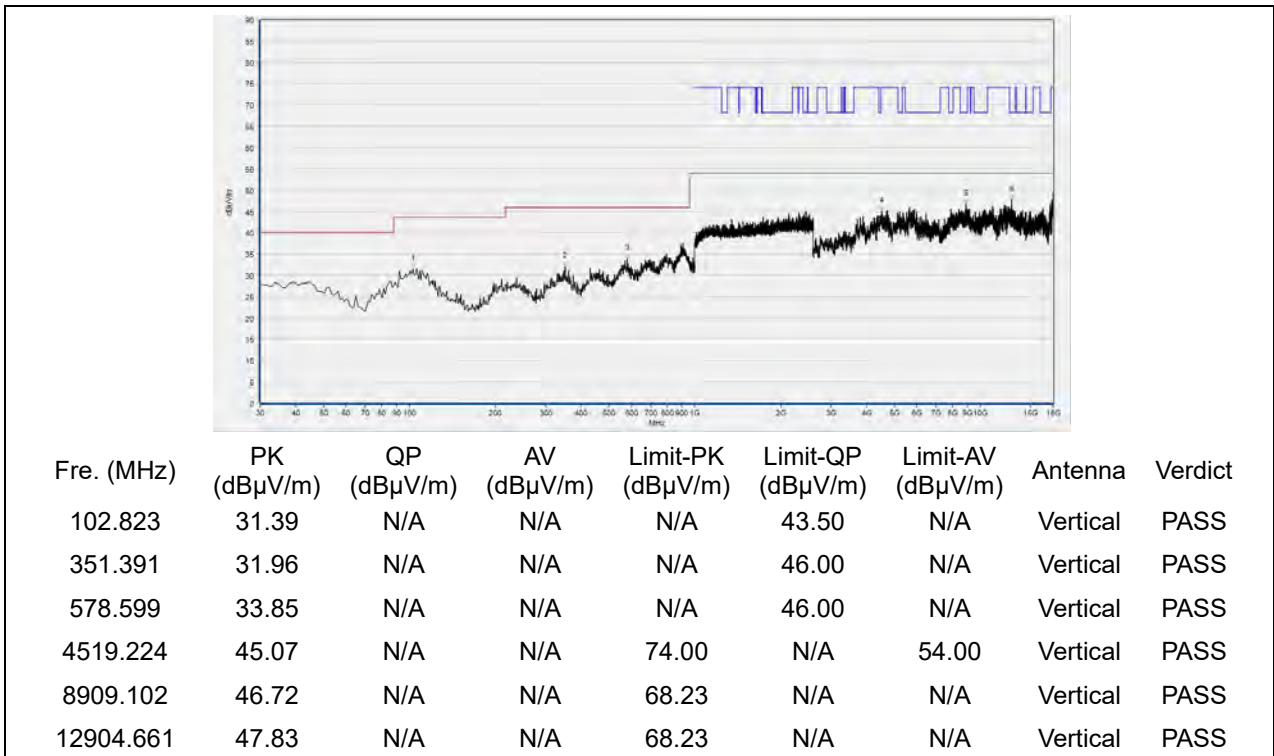


802.11ax (HEW20) Mode

Plot for Channel 36

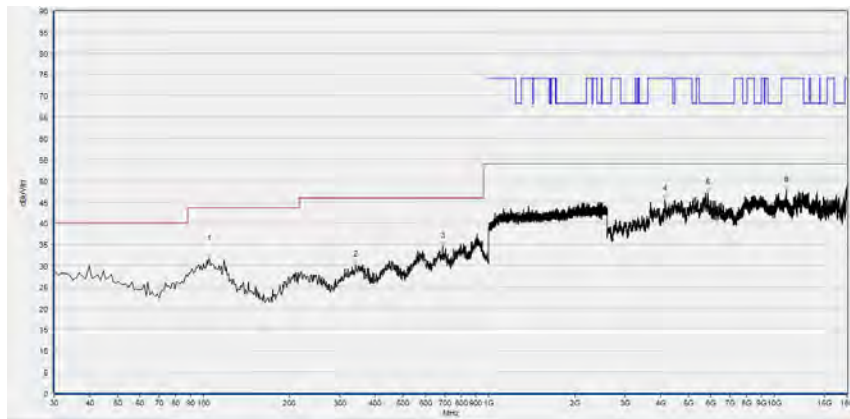


(Antenna Horizontal, 30MHz to 18GHz)



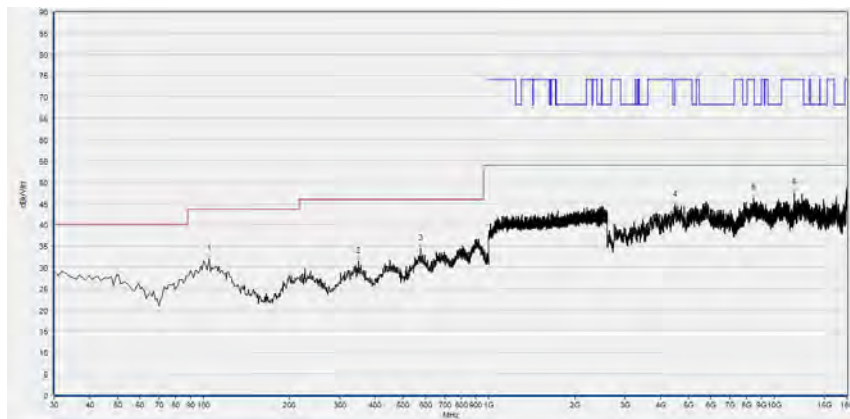
(Antenna Vertical, 30MHz to 18GHz)

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
104.765	31.70	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
340.711	30.23	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
688.318	34.49	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4140.308	45.56	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5856.211	47.17	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11031.646	47.70	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

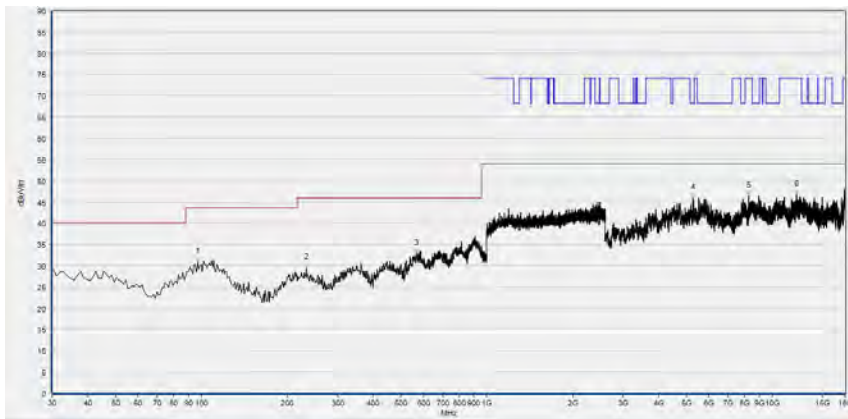
(Antenna Horizontal, 30MHz to 18GHz)



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
104.765	31.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
348.478	31.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
576.657	34.38	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4482.256	44.64	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8443.929	46.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
11743.269	47.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

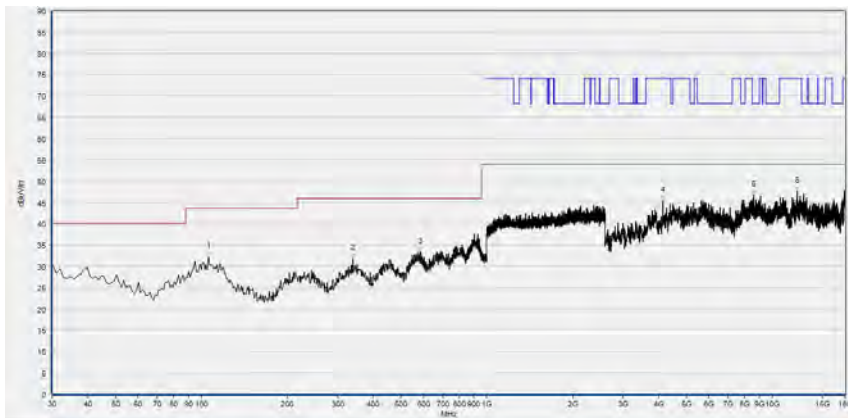
(Antenna Vertical, 30MHz to 18GHz)

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
96.997	30.77	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
232.933	29.46	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
566.947	32.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5261.652	45.84	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8249.850	46.37	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
12156.071	46.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

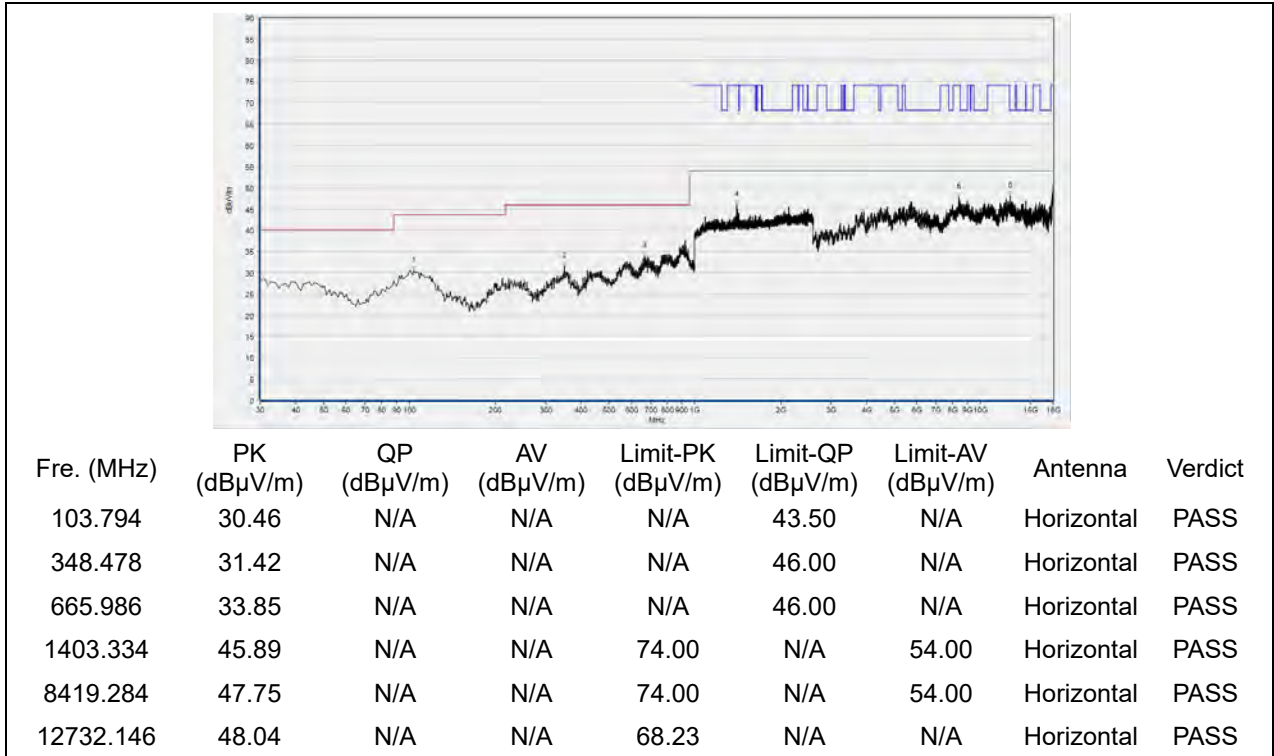
(Antenna Horizontal, 30MHz to 18GHz)



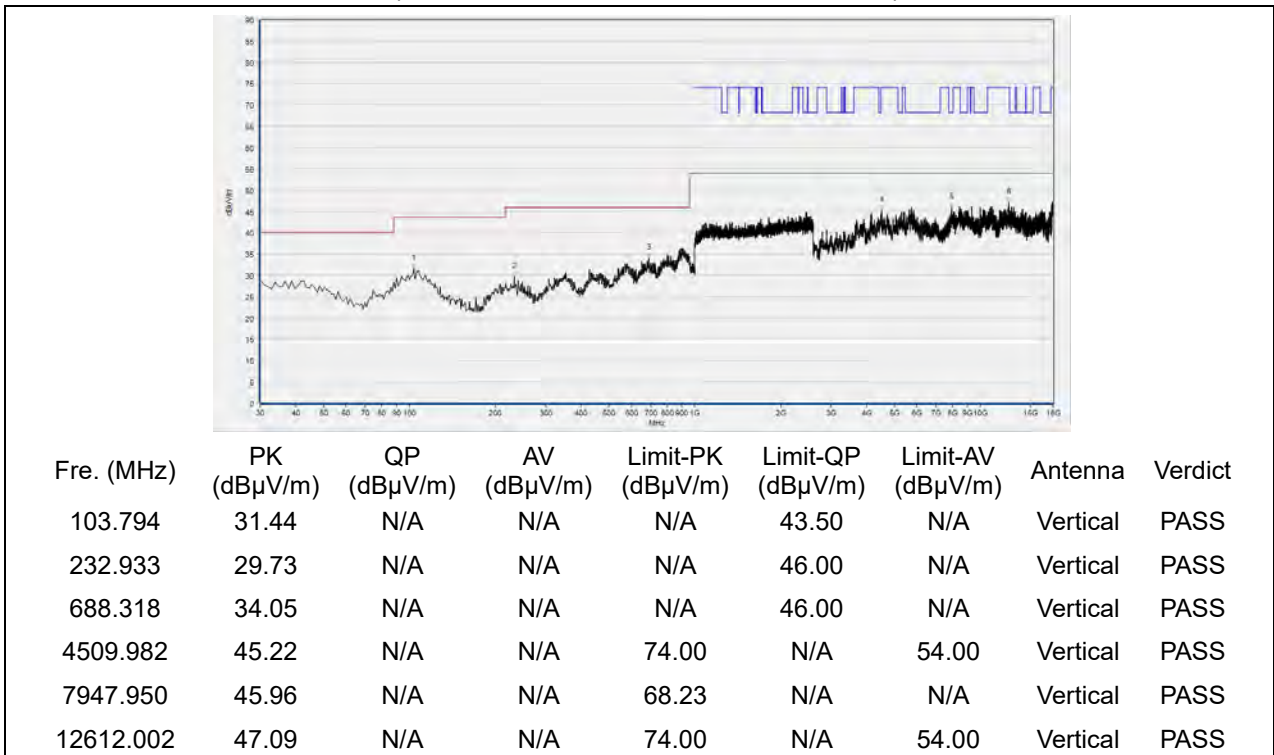
Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
105.736	32.16	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
339.740	31.81	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
582.482	33.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4140.308	45.40	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8588.718	46.84	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12239.248	47.59	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52

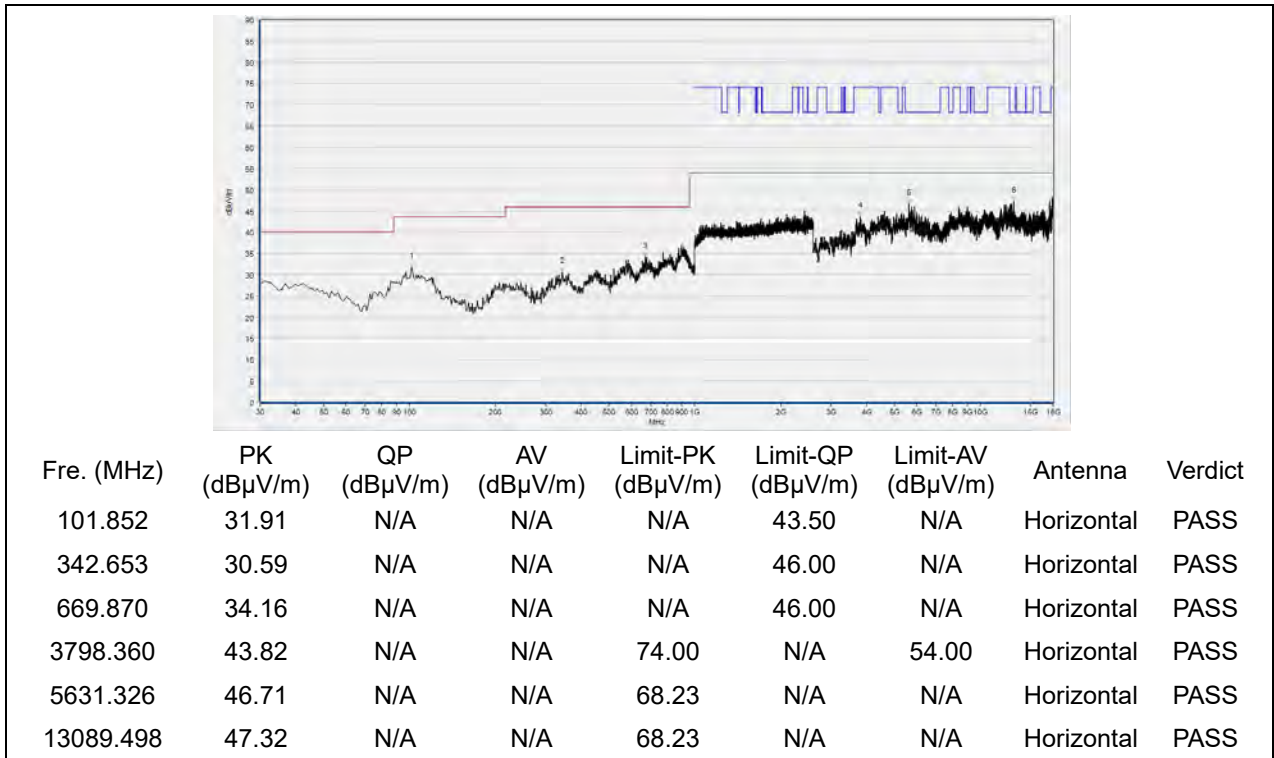


(Antenna Horizontal, 30MHz to 18GHz)

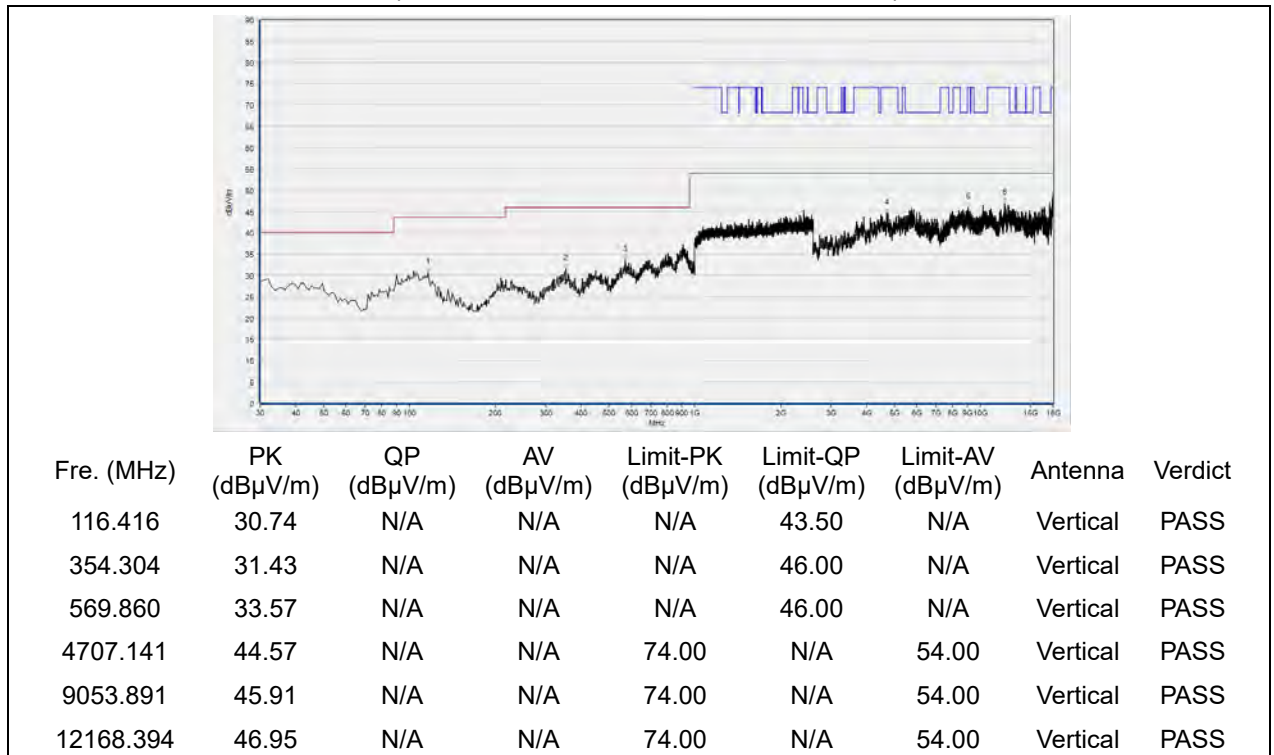


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 60

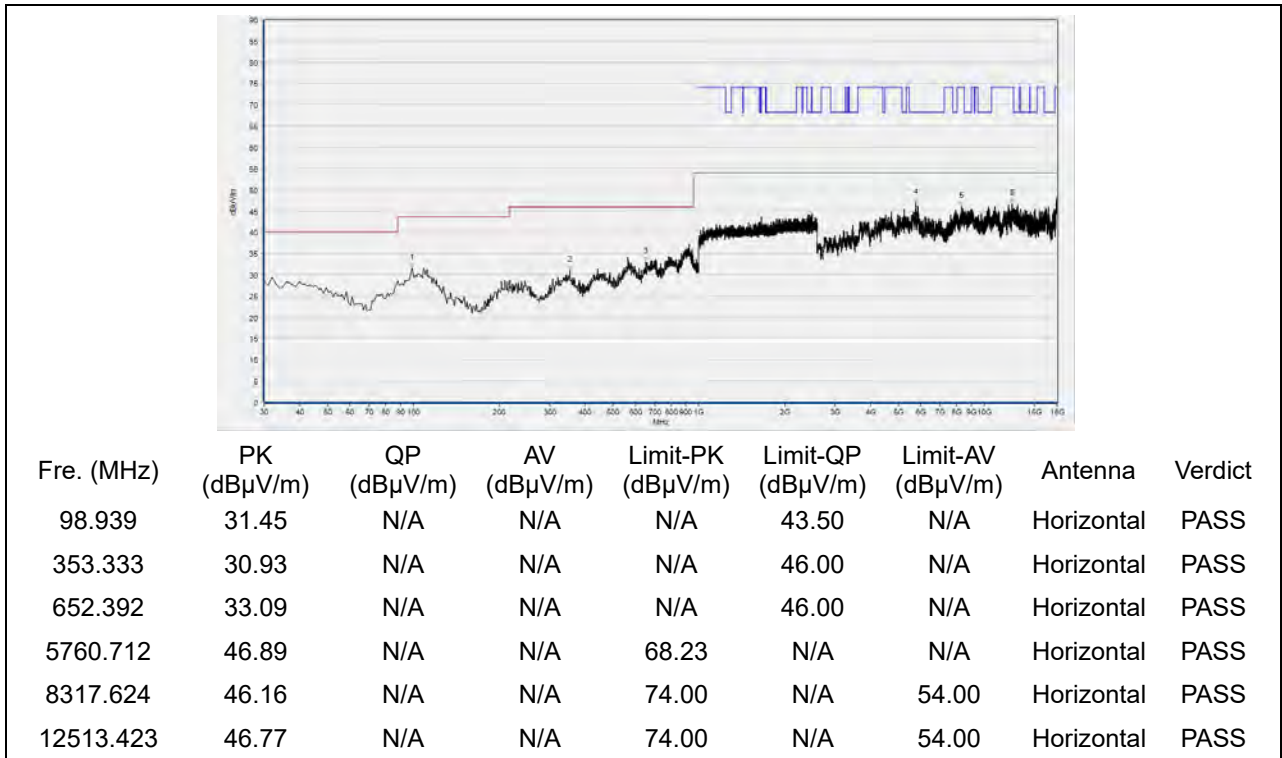


(Antenna Horizontal, 30MHz to 18GHz)

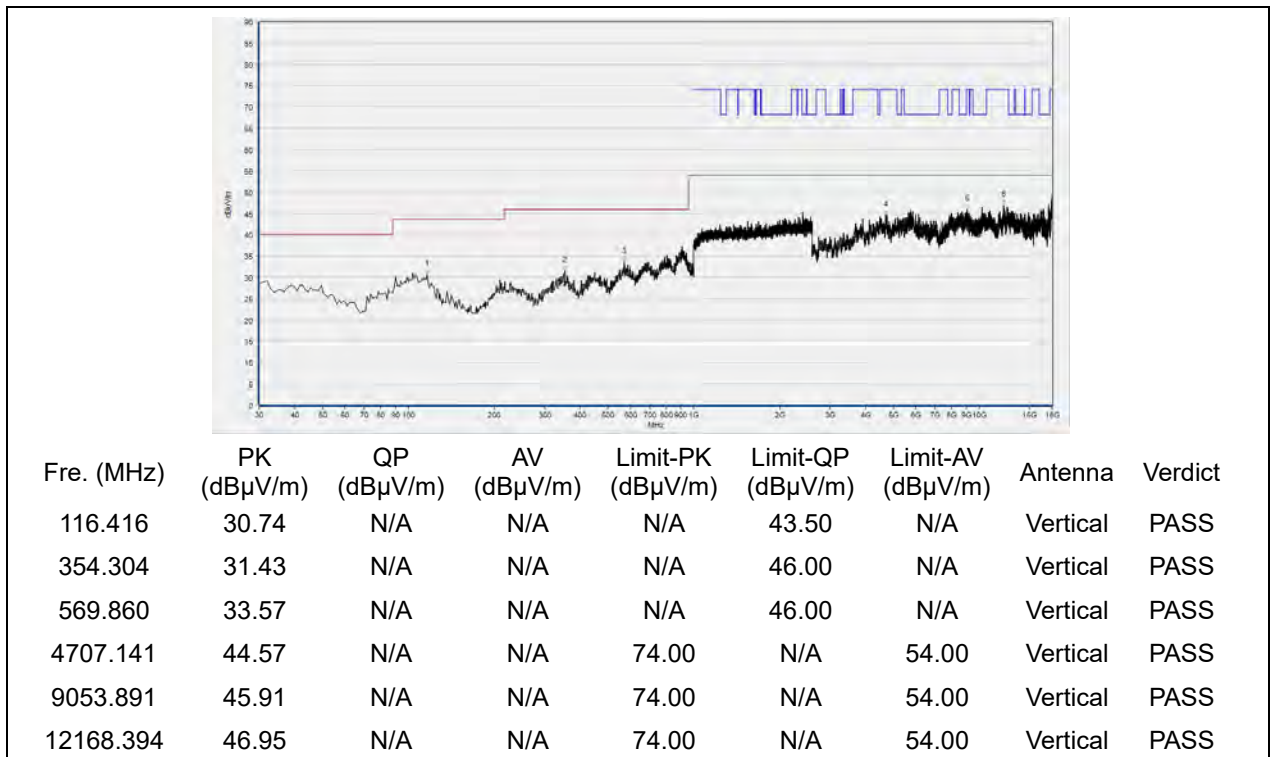


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 64

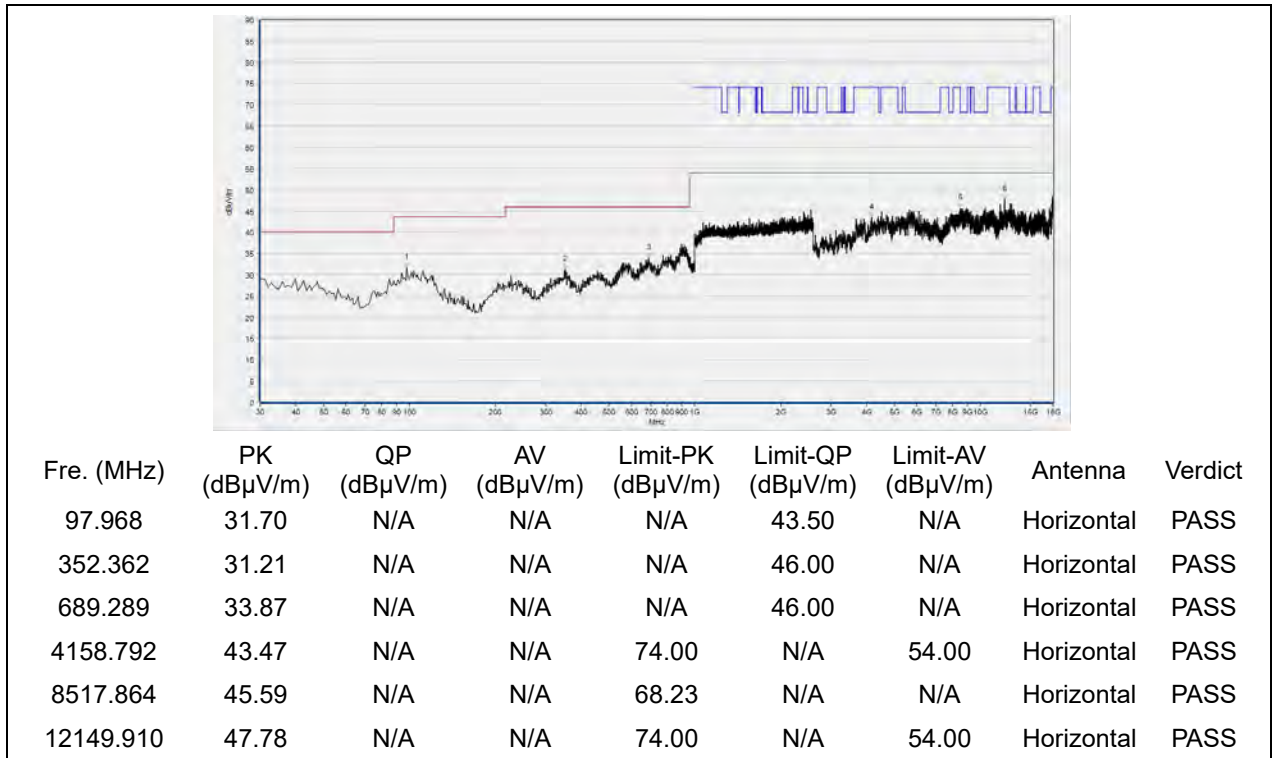


(Antenna Horizontal, 30MHz to 18GHz)

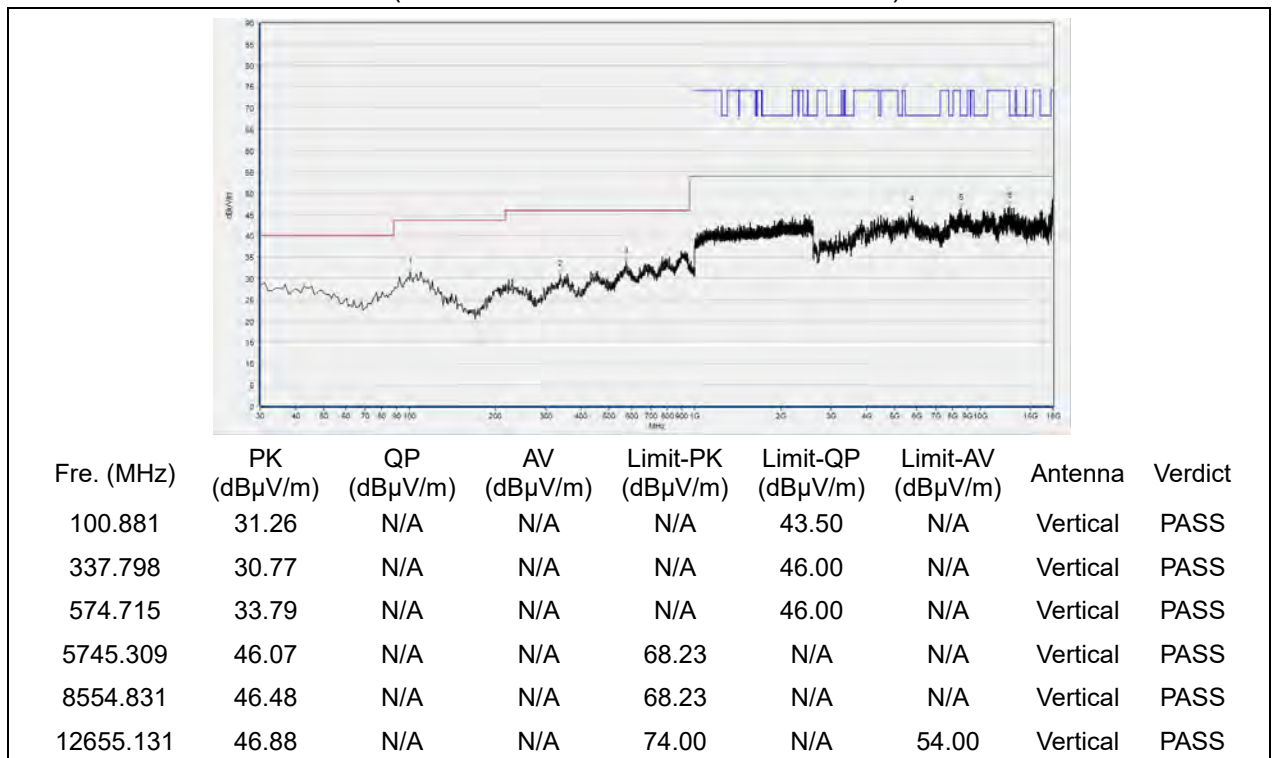


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 100

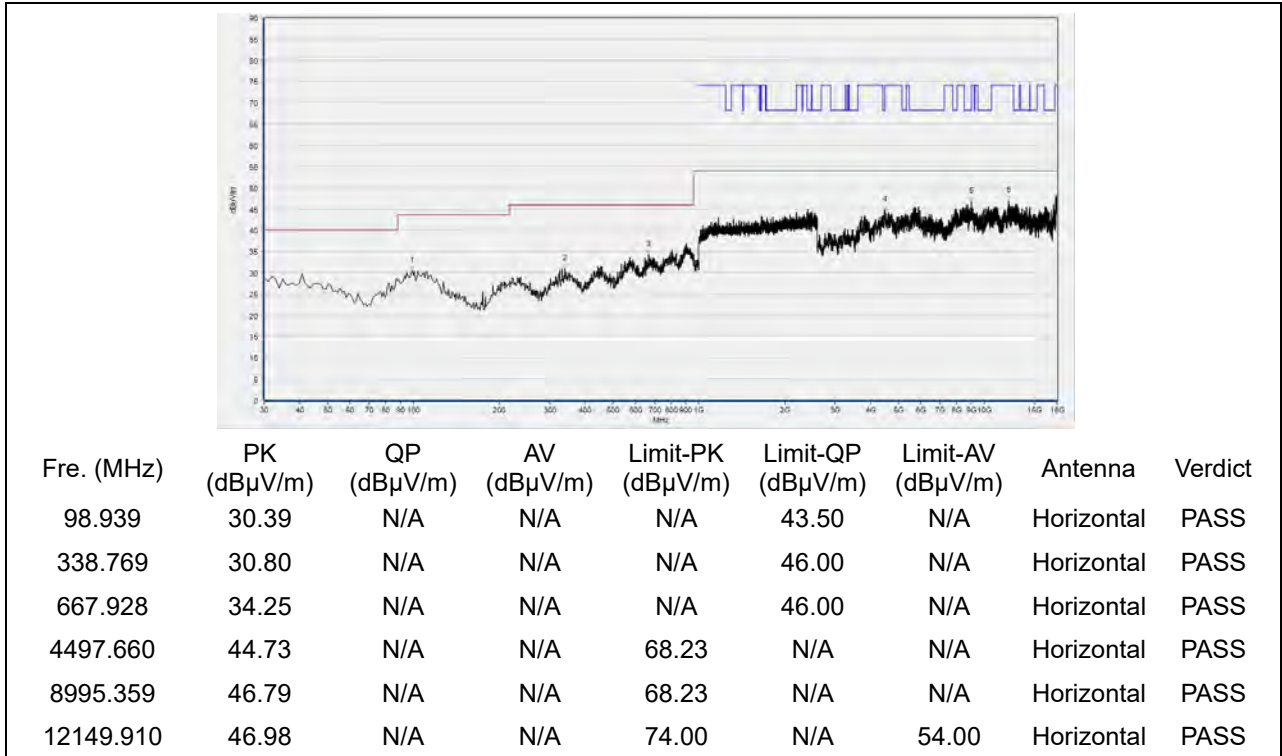


(Antenna Horizontal, 30MHz to 18GHz)

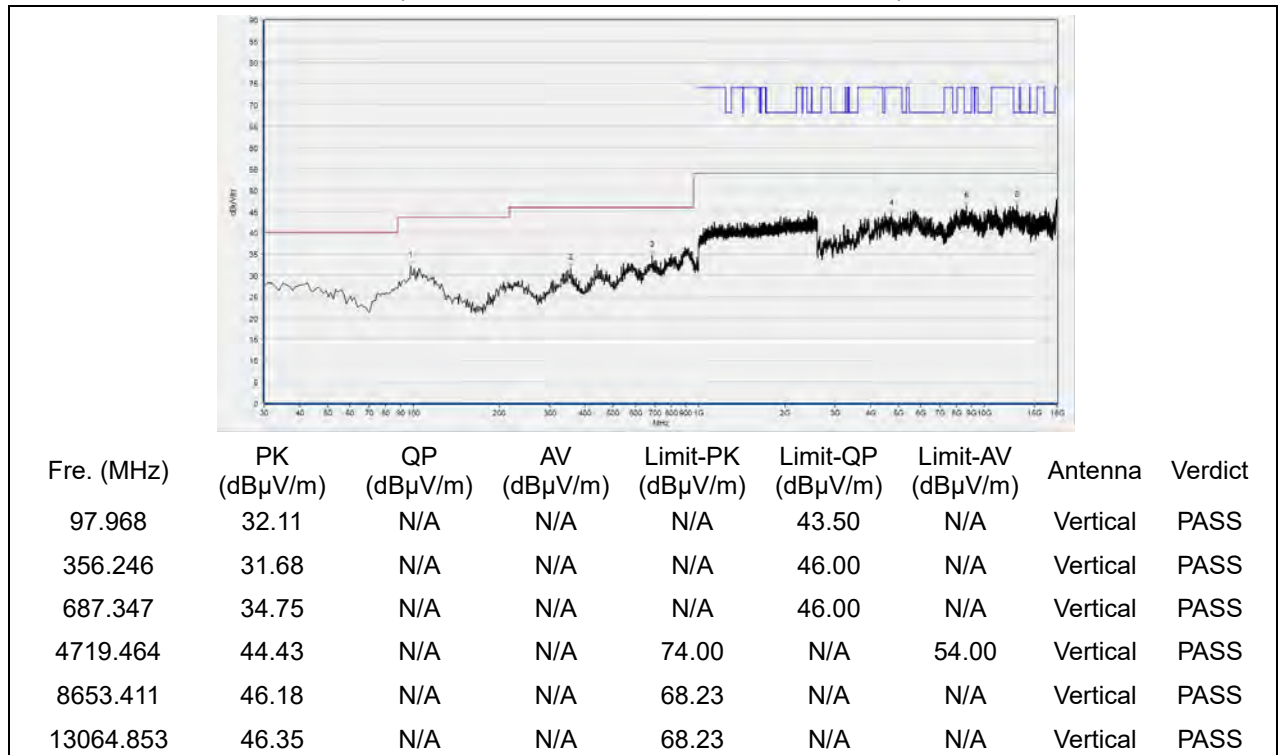


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120

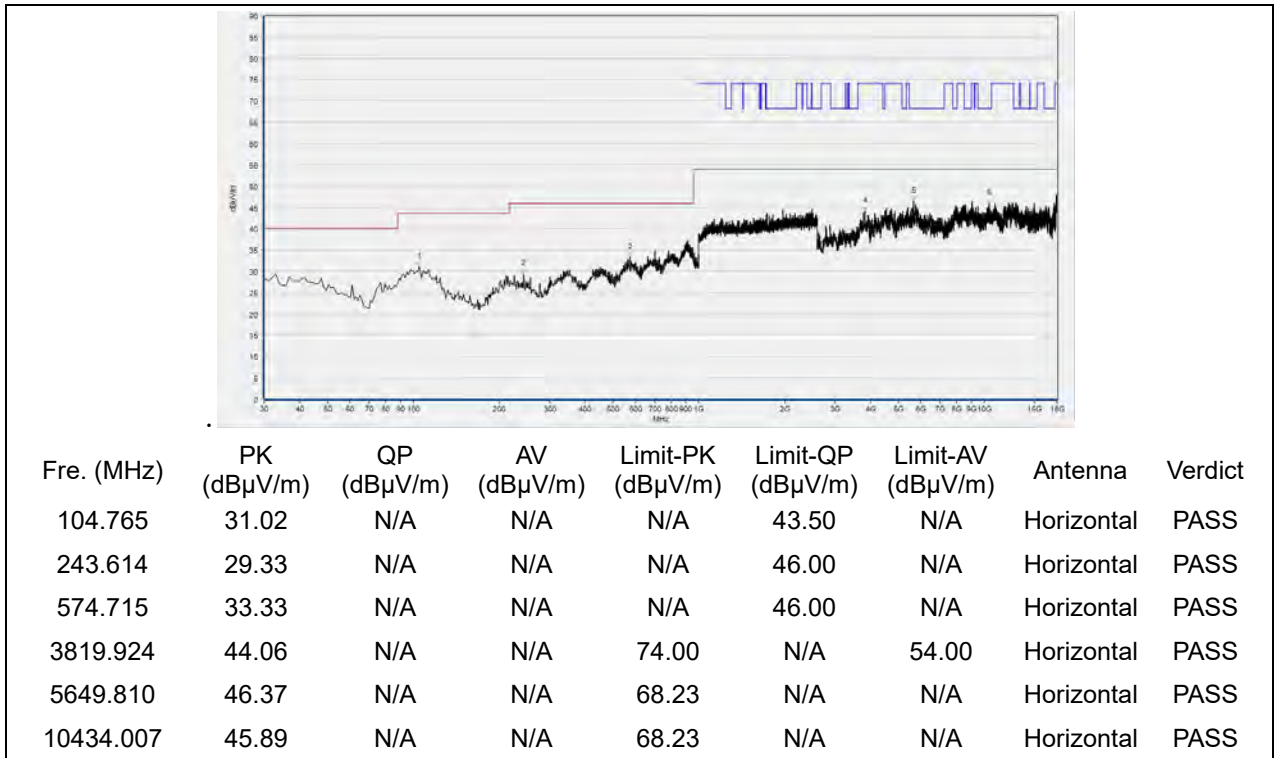


(Antenna Horizontal, 30MHz to 18GHz)

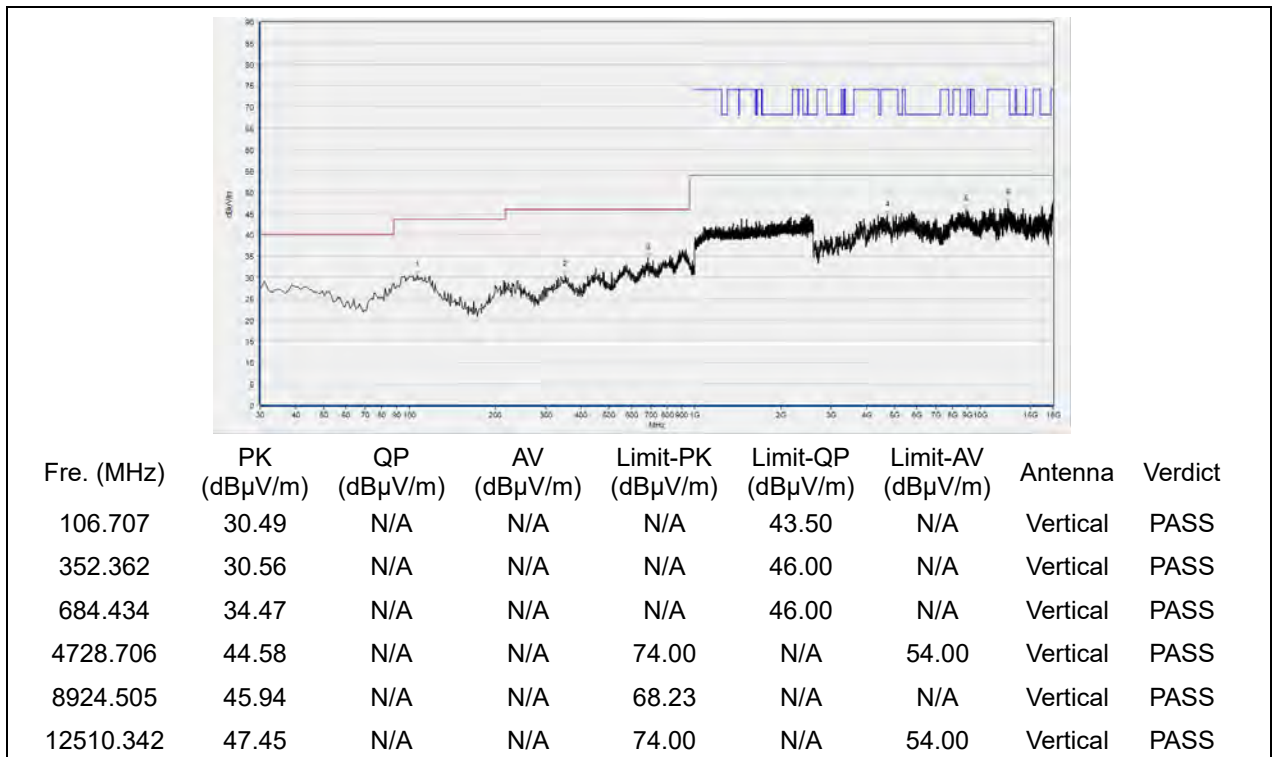


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144

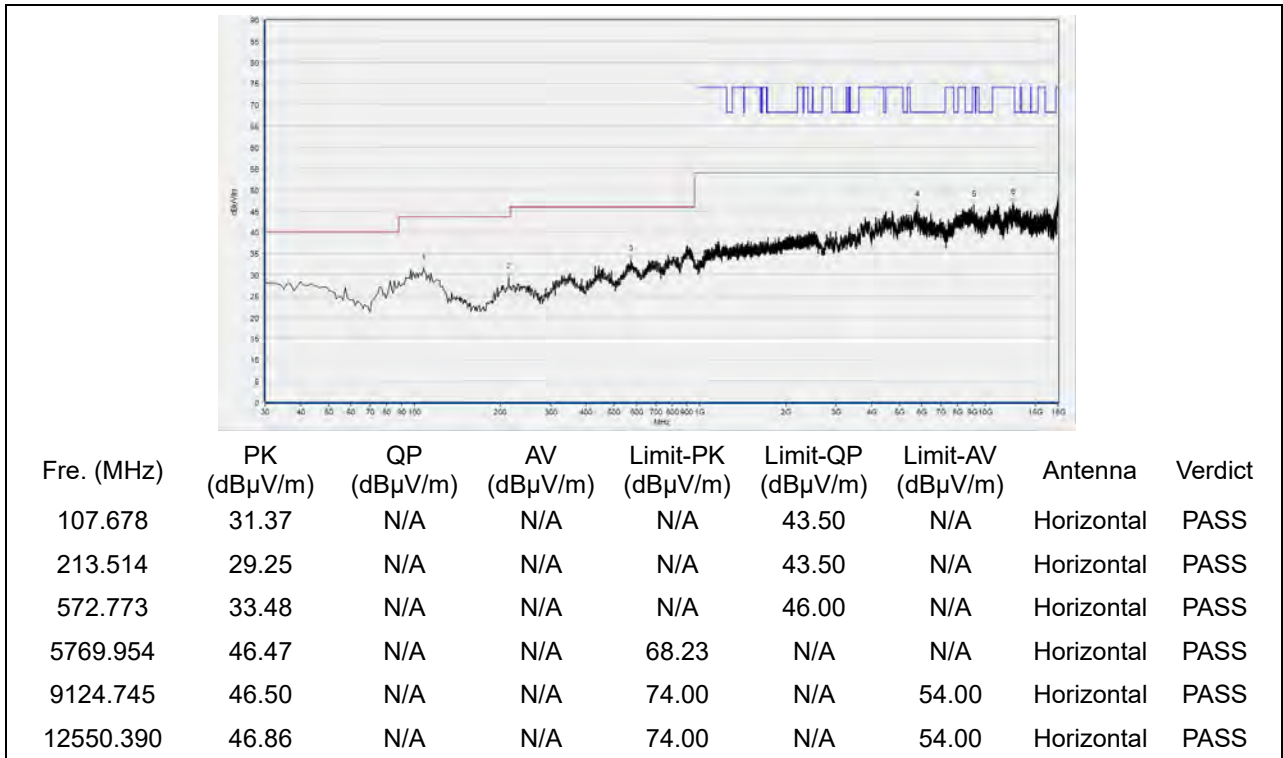


(Antenna Horizontal, 30MHz to 18GHz)

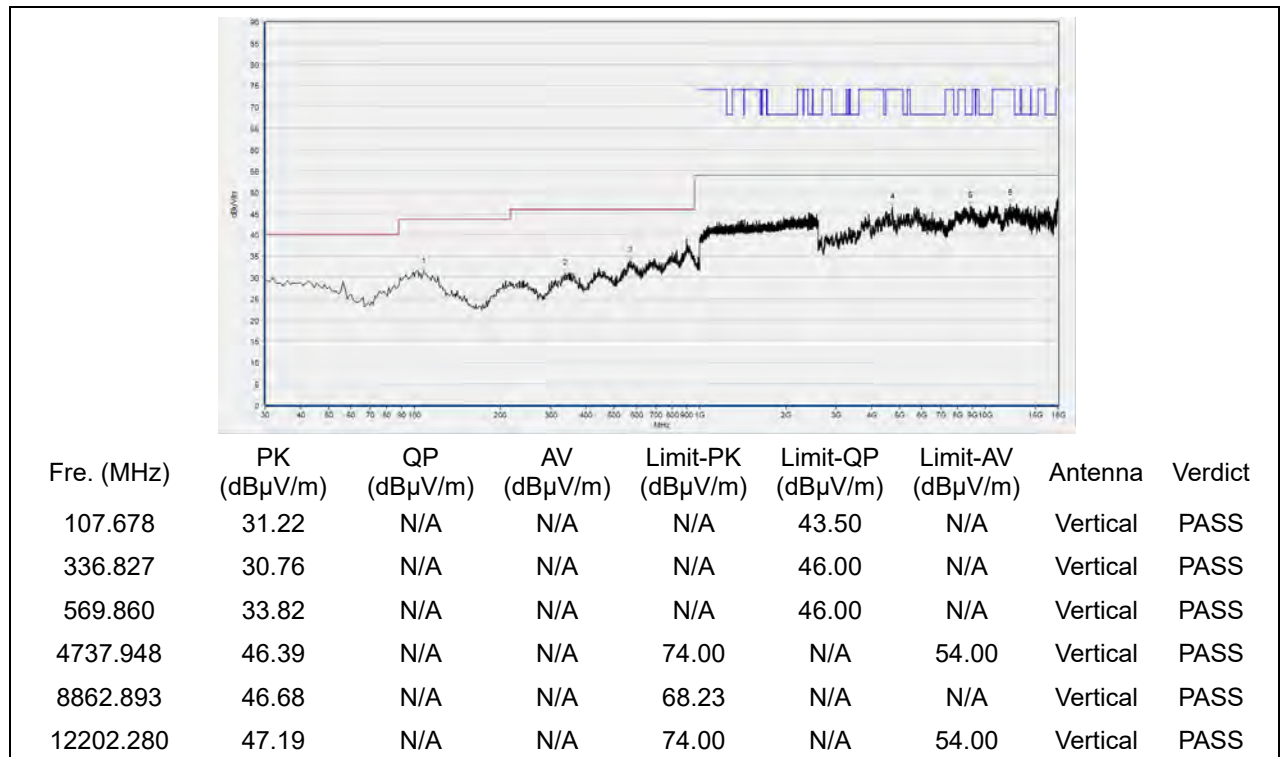


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149

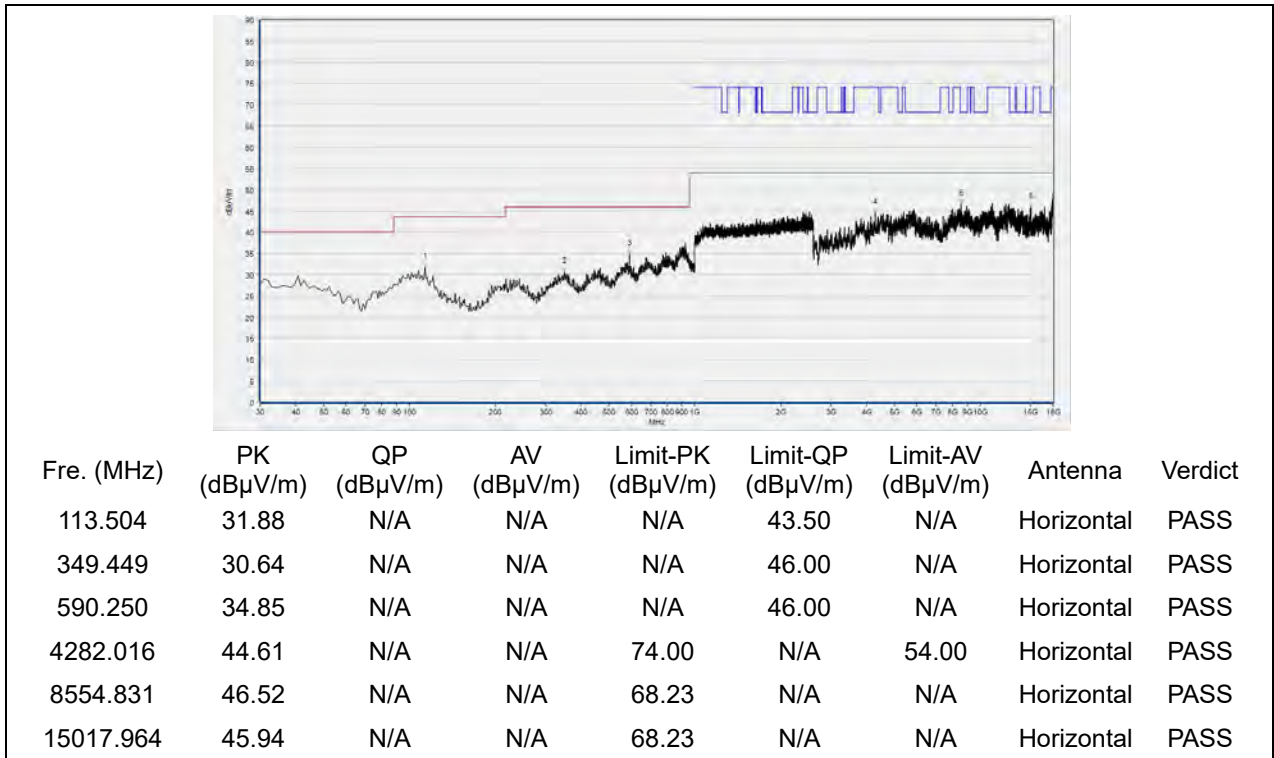


(Antenna Horizontal, 30MHz to 18GHz)

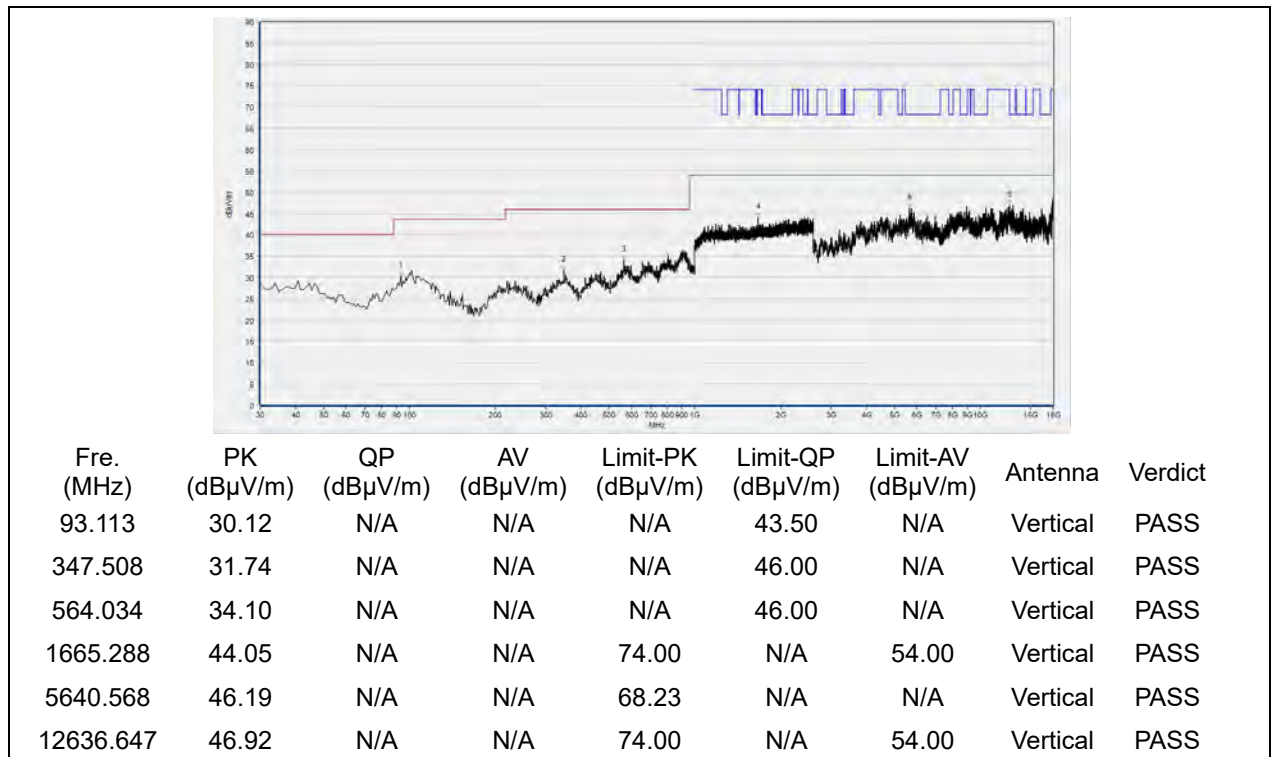


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157

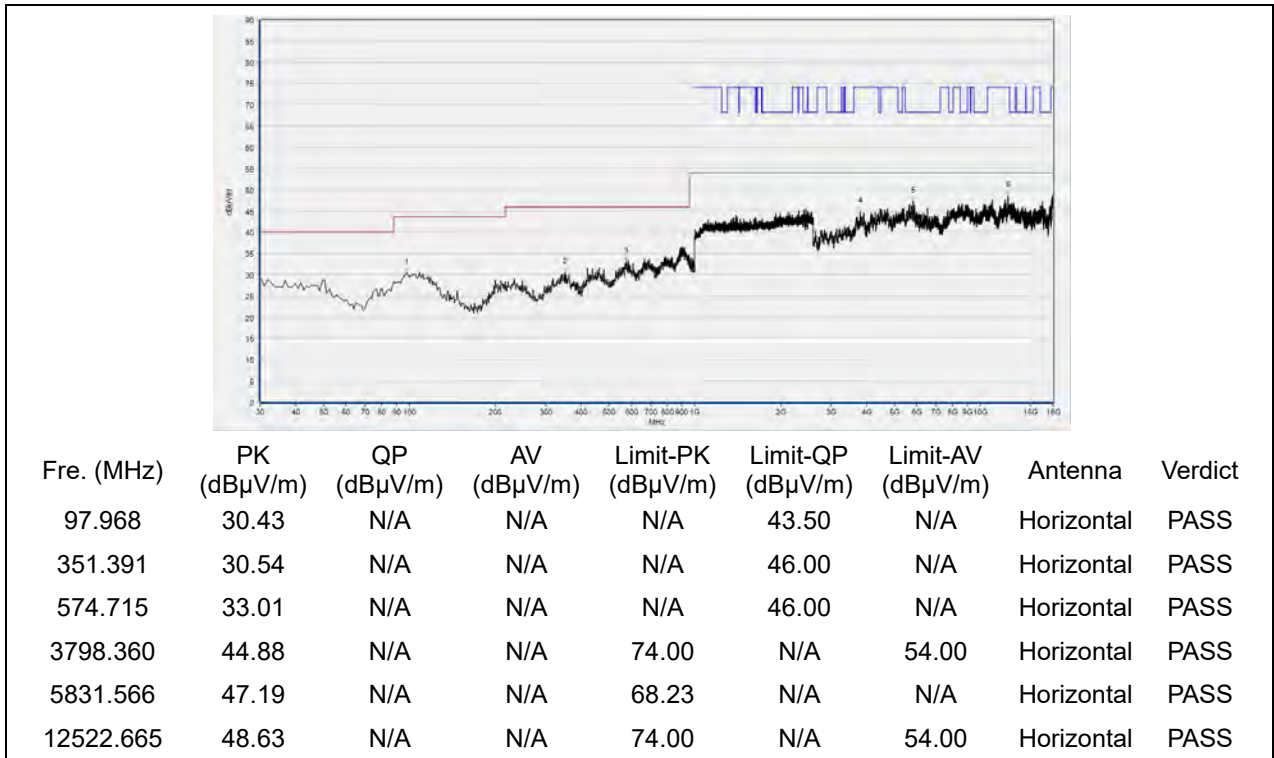


(Antenna Horizontal, 30MHz to 18GHz)

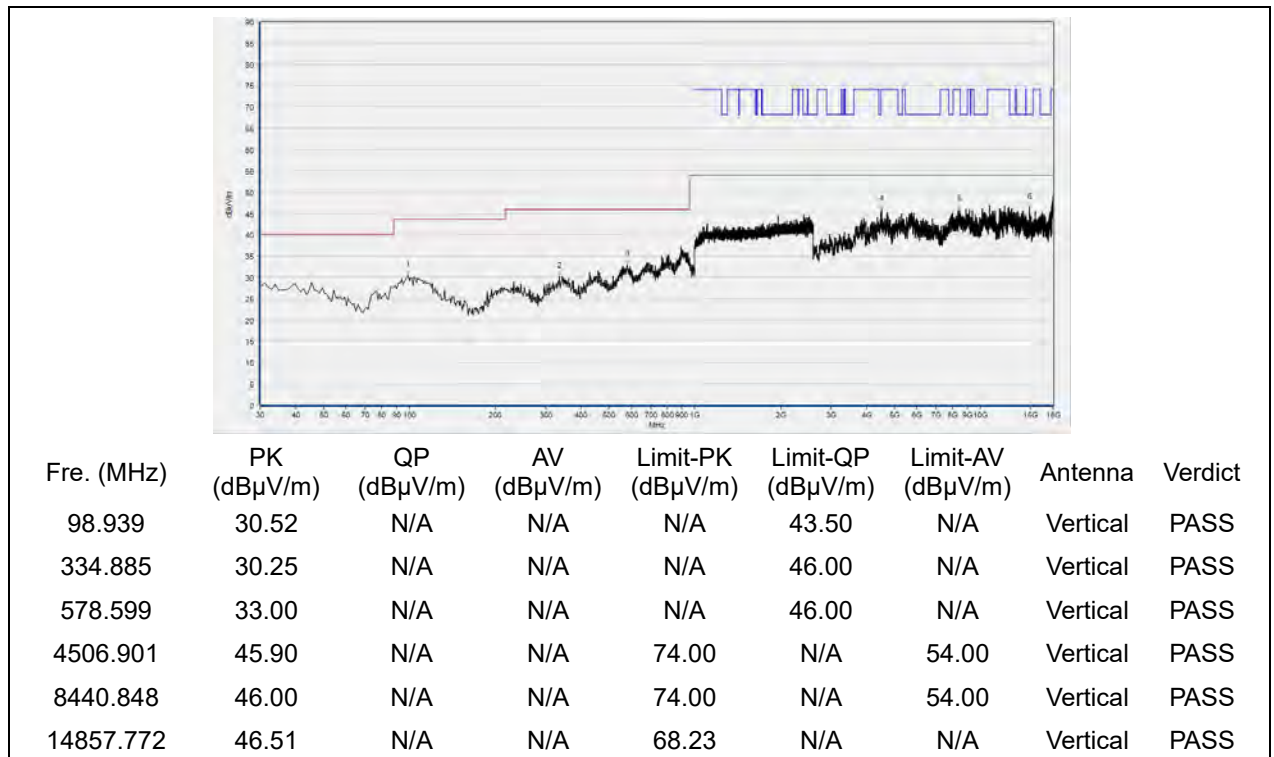


(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 165



(Antenna Horizontal, 30MHz to 18GHz)

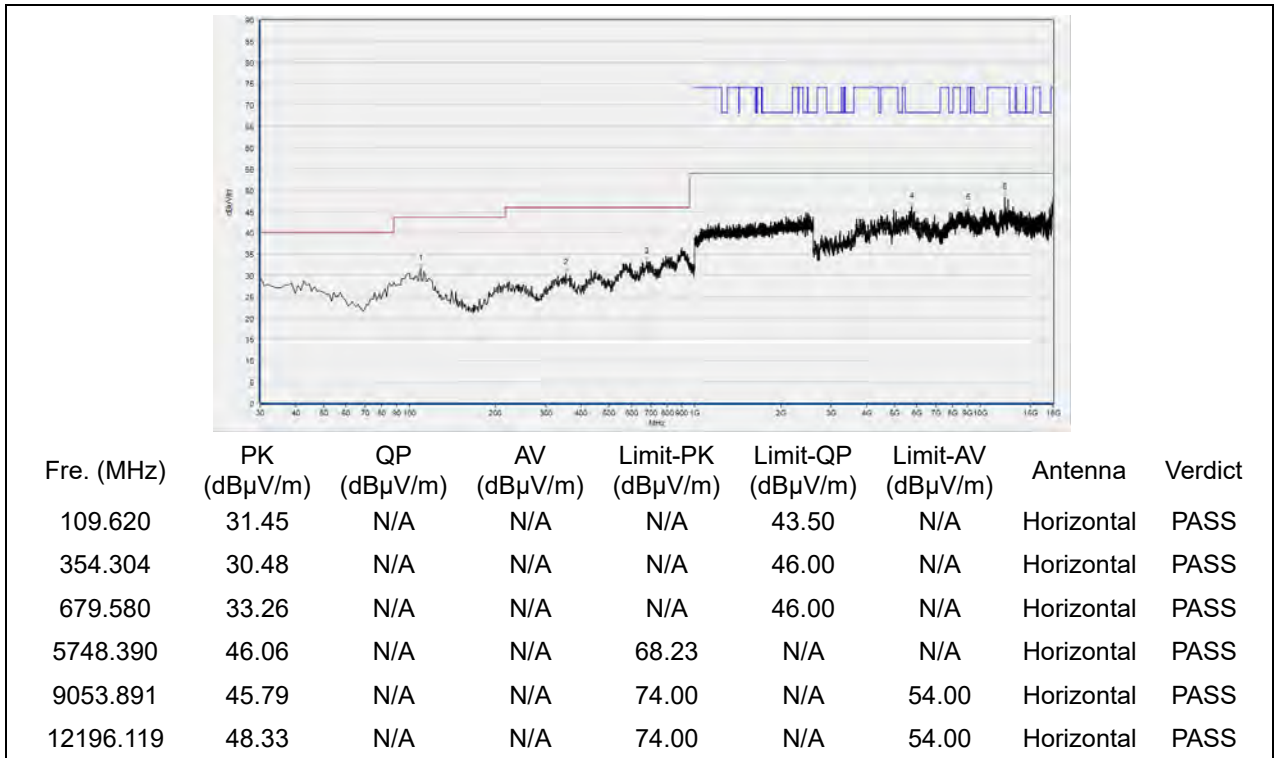


(Antenna Vertical, 30MHz to 18GHz)

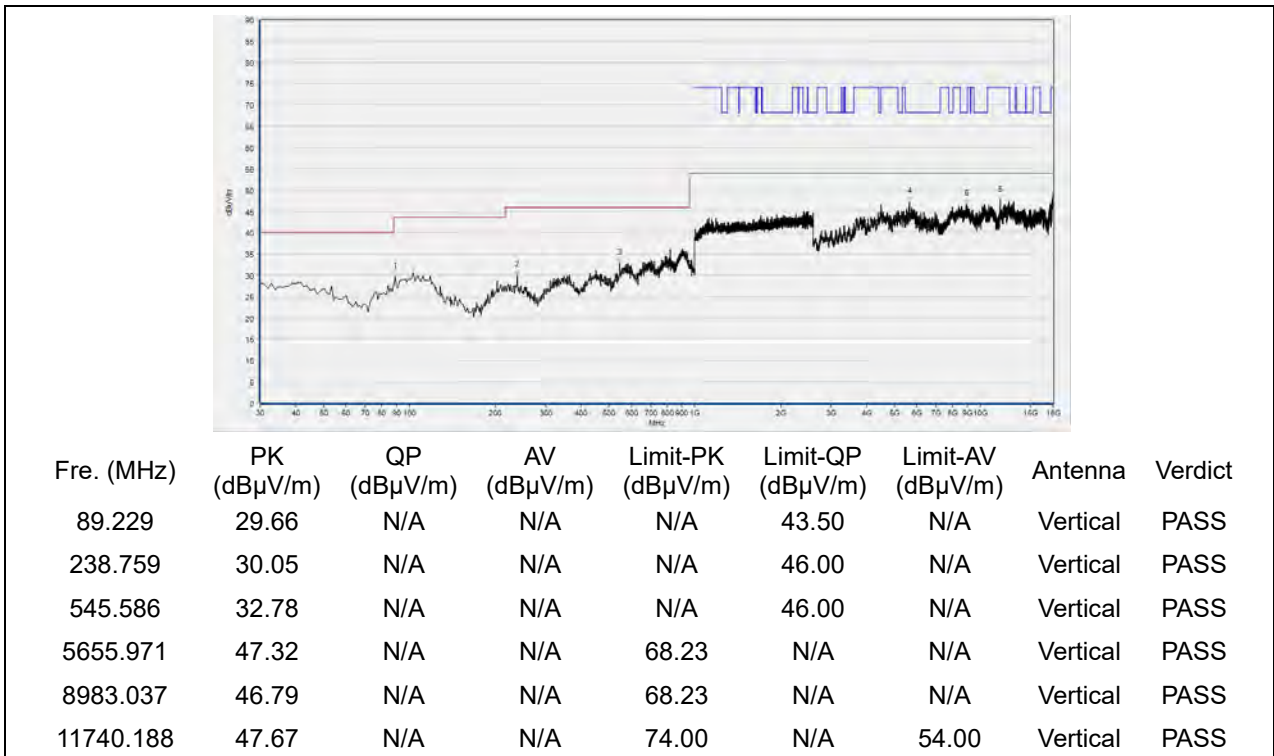


802.11ax (HEW20) RU26 Mode

Plot for Channel 36

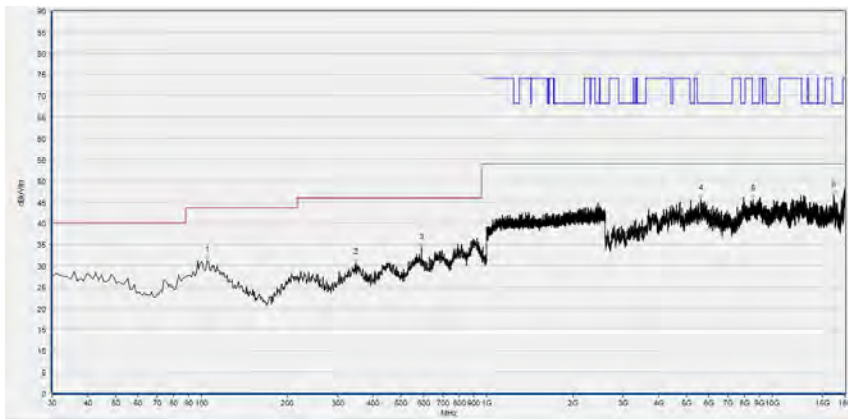


(Antenna Horizontal, 30MHz to 18GHz)



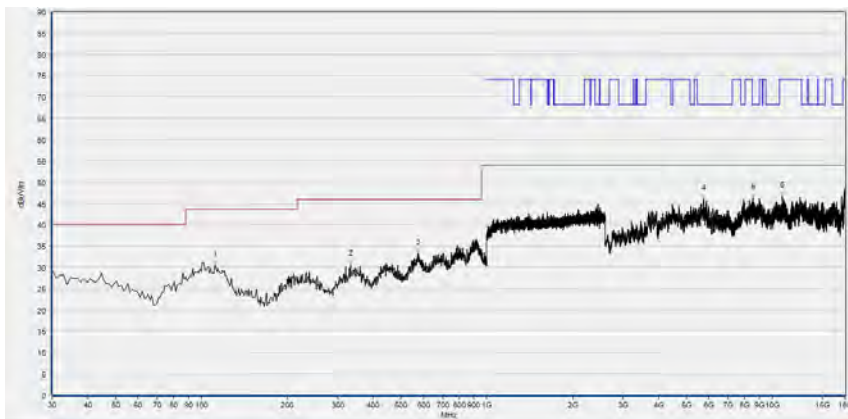
(Antenna Vertical, 30MHz to 18GHz)

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
104.765	31.12	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
347.508	30.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
590.250	34.27	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5609.762	45.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8551.750	45.60	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
16413.483	46.53	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

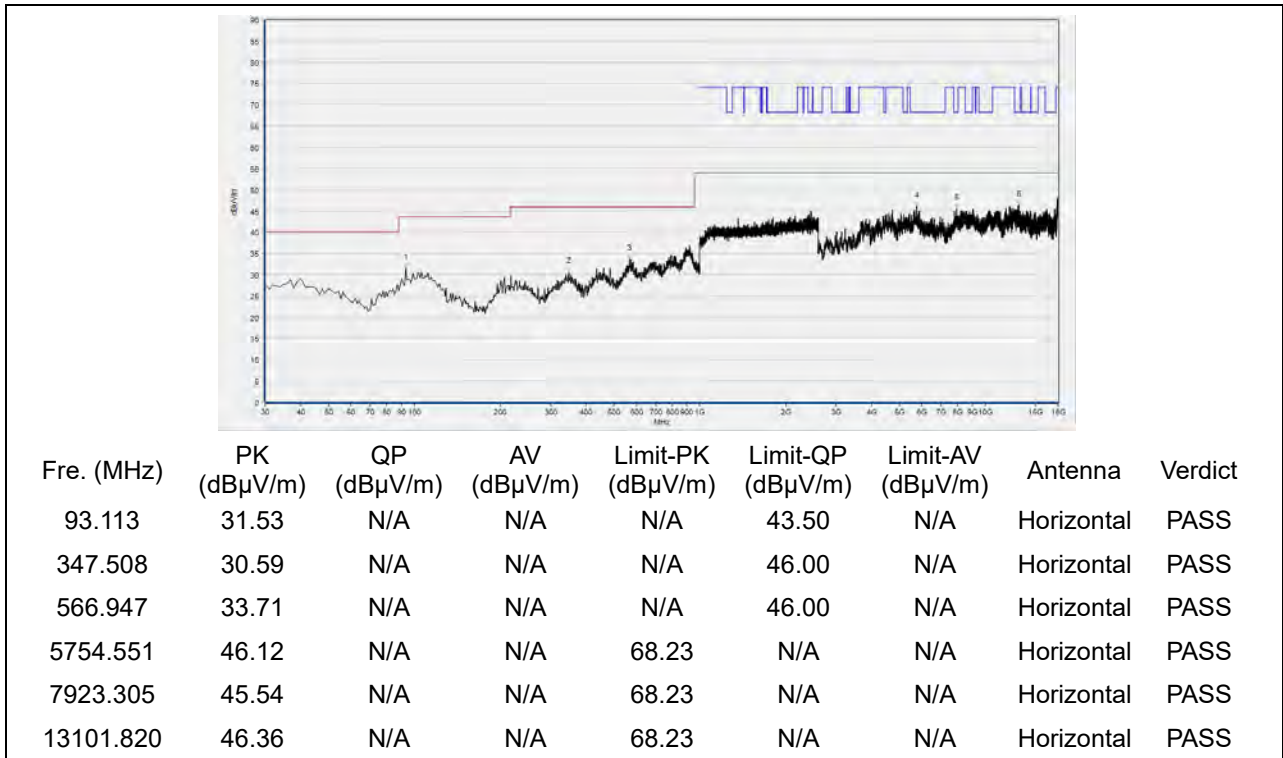
(Antenna Horizontal, 30MHz to 18GHz)



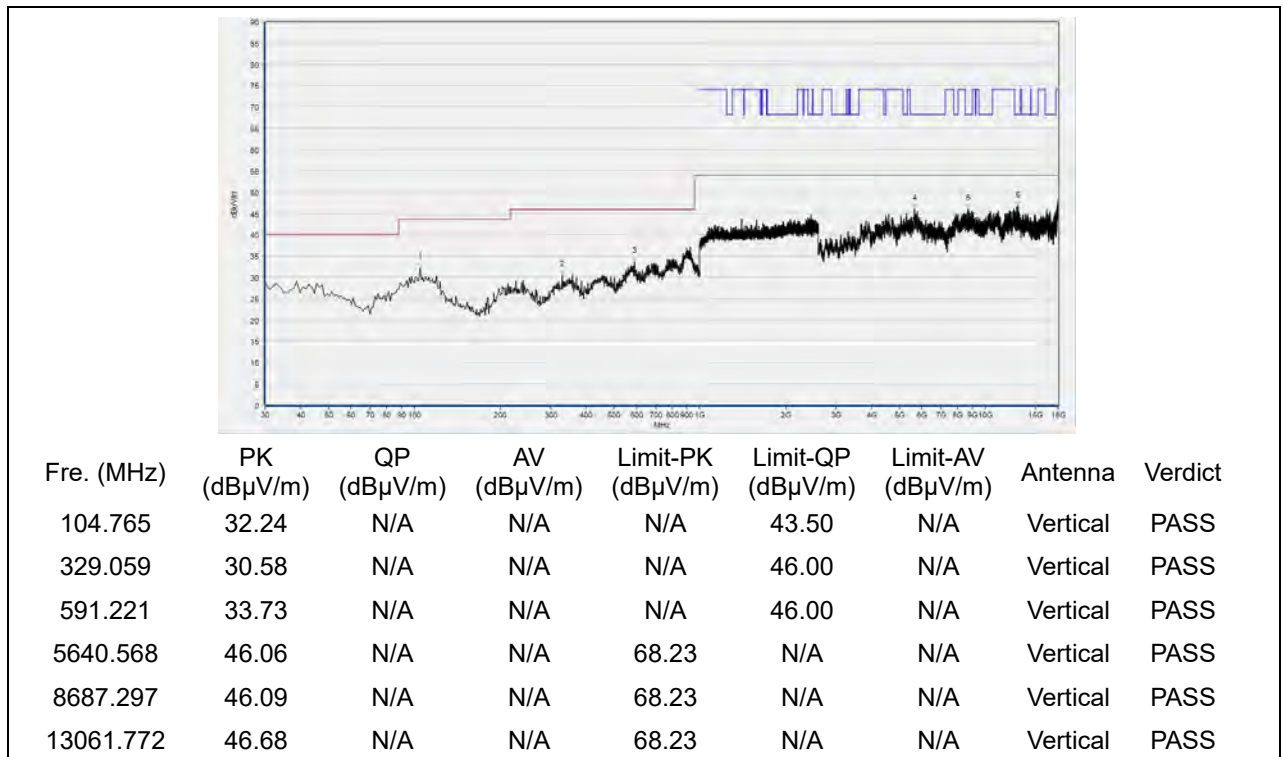
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.562	30.51	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
332.943	30.67	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
573.744	33.42	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5766.873	46.01	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8567.153	46.20	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10822.164	46.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 48



(Antenna Horizontal, 30MHz to 18GHz)



(Antenna Vertical, 30MHz to 18GHz)