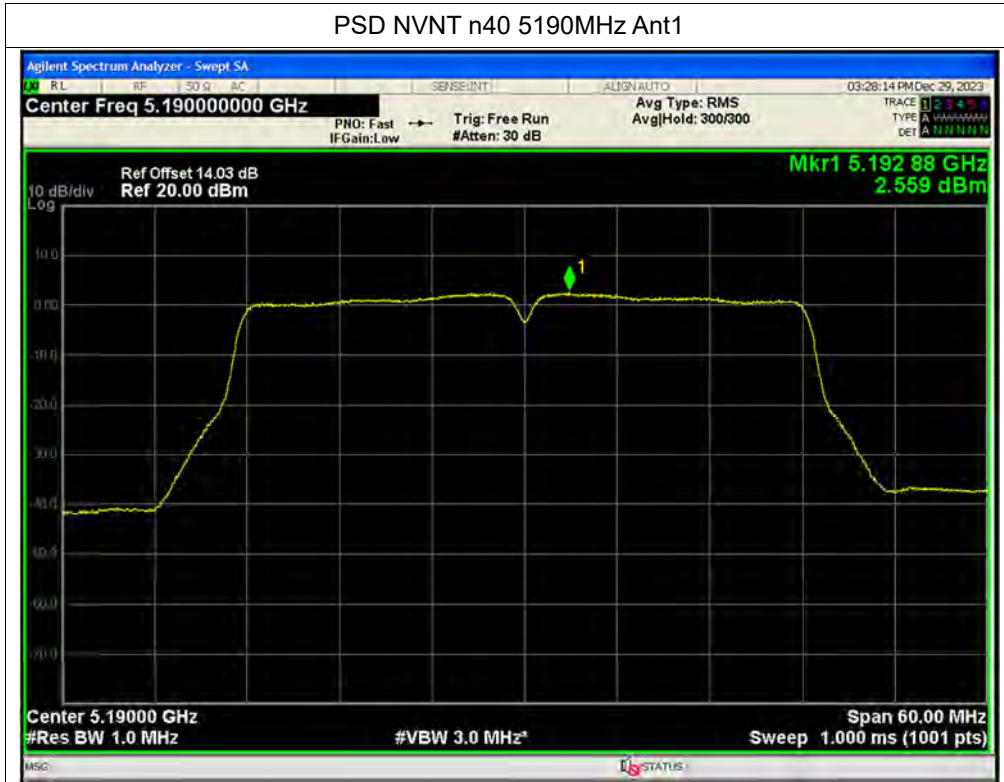




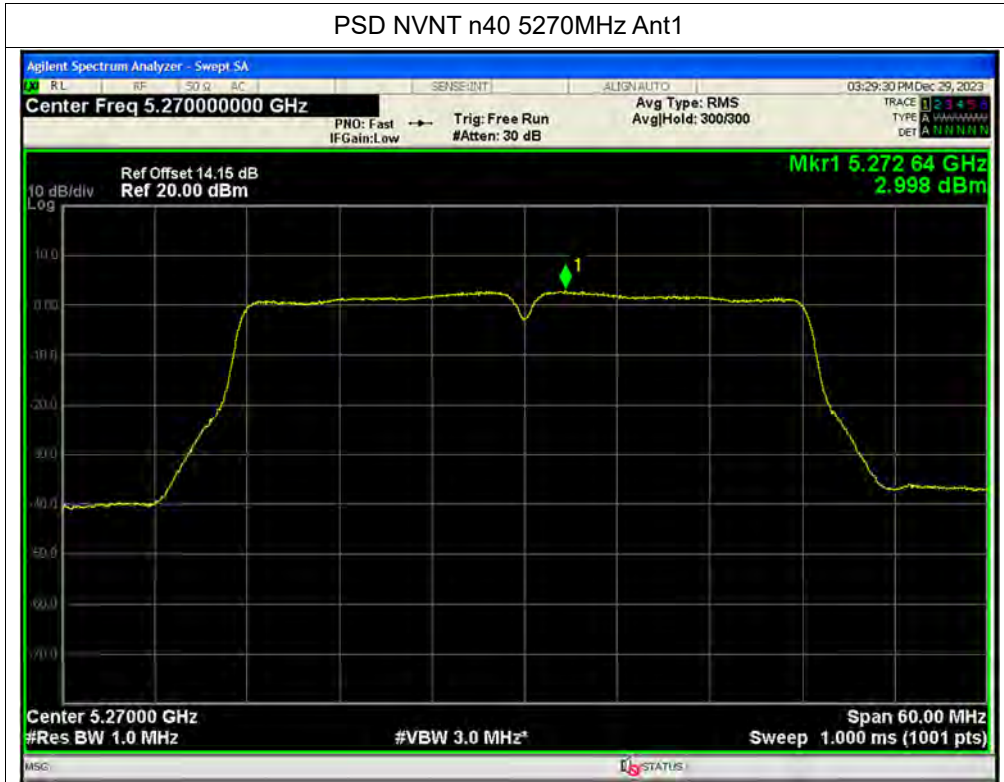
PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1





PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5630MHz Ant1



PSD NVNT n40 5710MHz Ant1



PSD NVNT n40 5755MHz Ant1







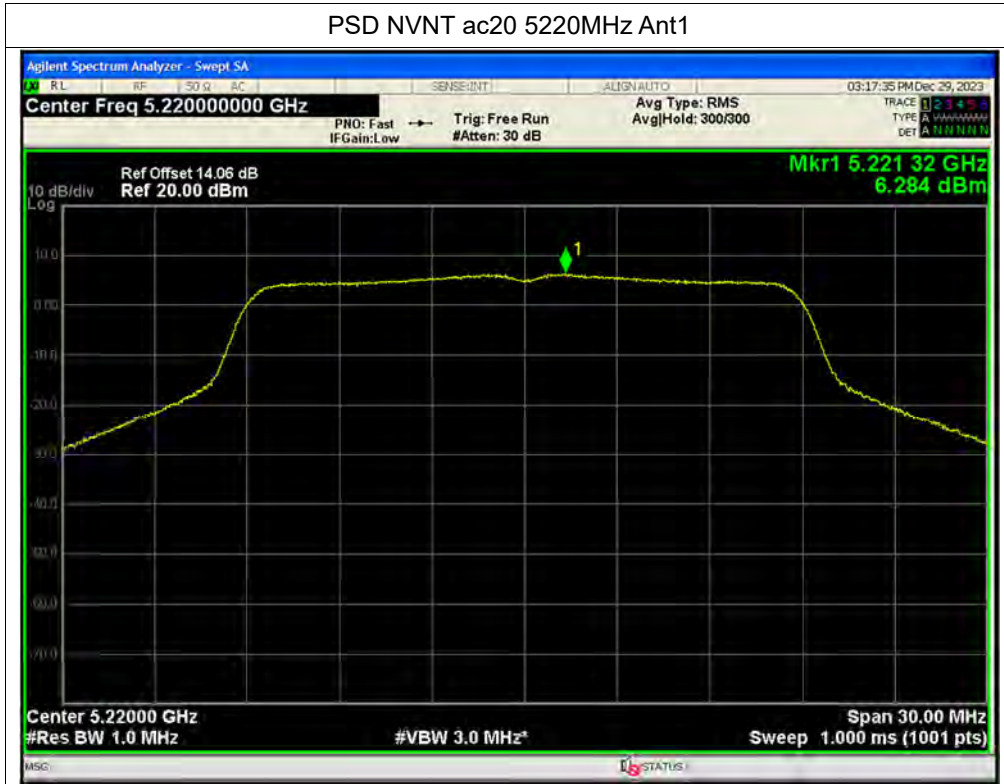
PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5180MHz Ant1



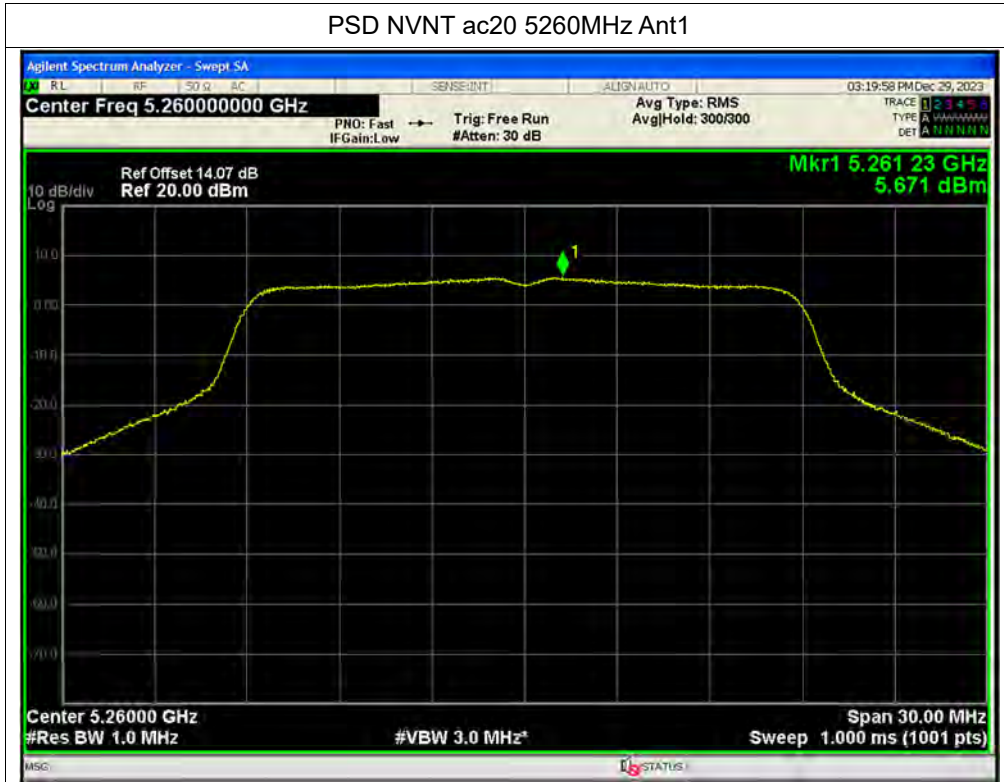
PSD NVNT ac20 5220MHz Ant1



PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac20 5260MHz Ant1

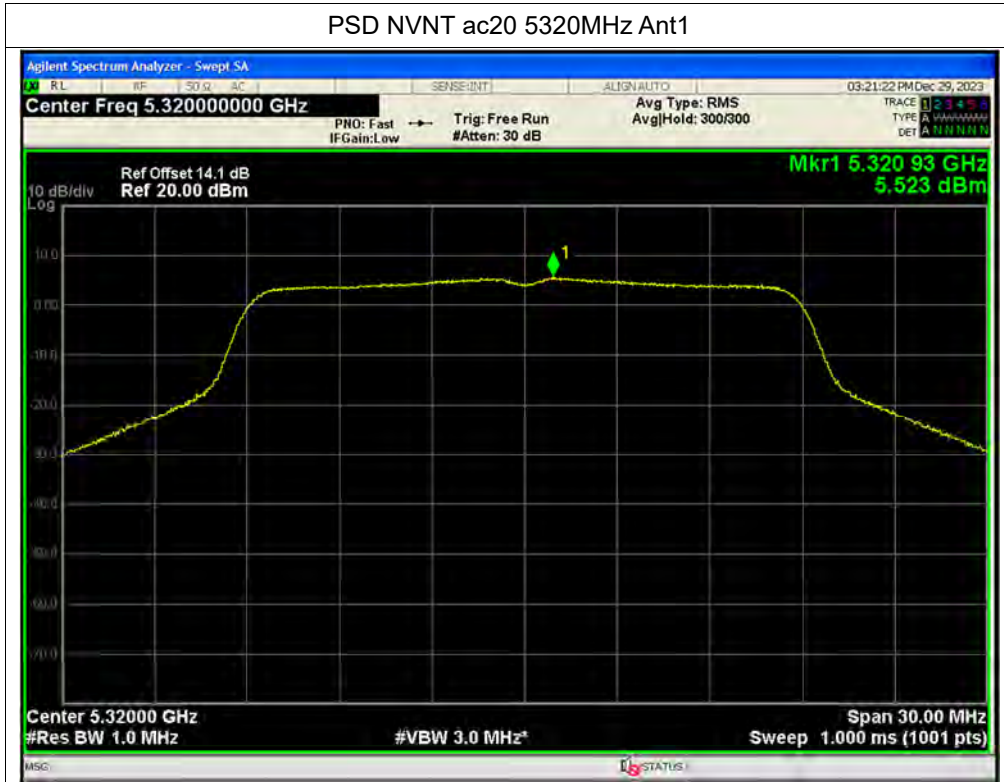


PSD NVNT ac20 5300MHz Ant1





PSD NVNT ac20 5320MHz Ant1



PSD NVNT ac20 5500MHz Ant1







PSD NVNT ac20 5600MHz Ant1



PSD NVNT ac20 5720MHz Ant1





PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1





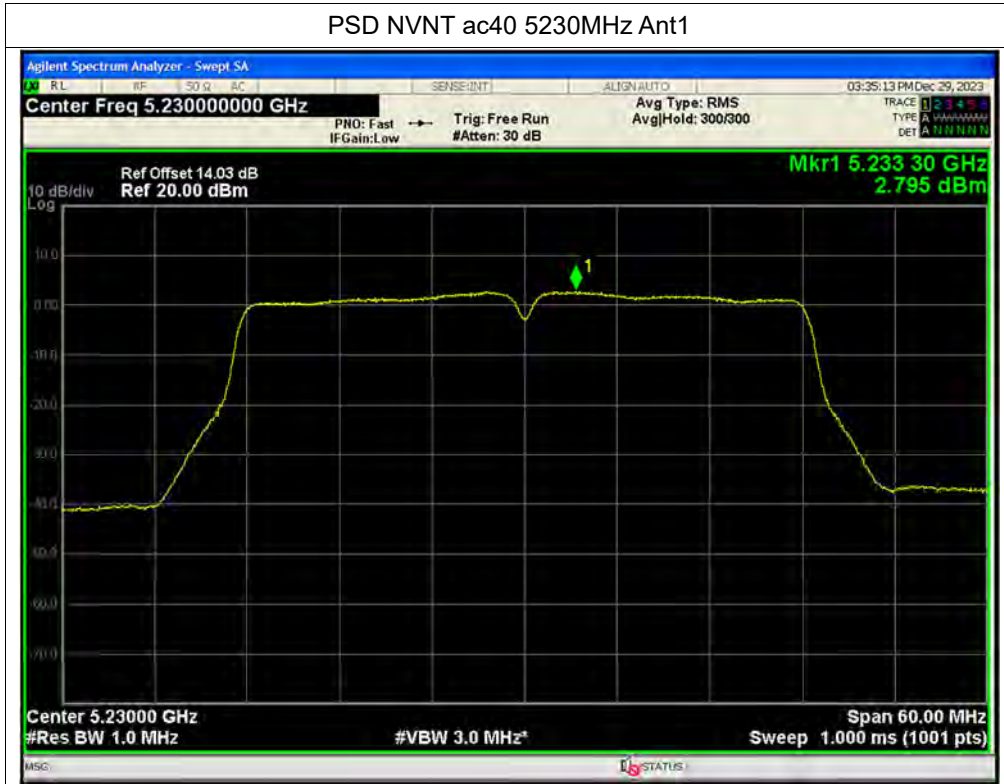
PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac40 5270MHz Ant1





PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac40 5510MHz Ant1



PSD NVNT ac40 5630MHz Ant1



PSD NVNT ac40 5710MHz Ant1



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5290MHz Ant1







PSD NVNT ac80 5530MHz Ant1



PSD NVNT ac80 5610MHz Ant1



PSD NVNT ac80 5690MHz Ant1



PSD NVNT ac80 5775MHz Ant1



**A.5. Frequency Stability**

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 3.65V	a	5180	Ant1	5179.992	-8000	-1.54	25	Pass
20C 3.87V	a	5180	Ant1	5179.993	-7000	-1.35	25	Pass
20C 4.45V	a	5180	Ant1	5179.992	-8000	-1.54	25	Pass
-20C 3.87V	a	5180	Ant1	5179.992	-8000	-1.54	25	Pass
-10C 3.87V	a	5180	Ant1	5179.992	-8000	-1.54	25	Pass
0C 3.87V	a	5180	Ant1	5179.992	-8000	-1.54	25	Pass
10C 3.87V	a	5180	Ant1	5179.993	-7000	-1.35	25	Pass
30C 3.87V	a	5180	Ant1	5179.993	-7000	-1.35	25	Pass
40C 3.87V	a	5180	Ant1	5179.993	-7000	-1.35	25	Pass
55C 3.87V	a	5180	Ant1	5179.993	-7000	-1.35	25	Pass
20C 3.65V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
20C 3.87V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
20C 4.45V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
-20C 3.87V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
-10C 3.87V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
0C 3.87V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
10C 3.87V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
30C 3.87V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
40C 3.87V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
55C 3.87V	a	5260	Ant1	5259.993	-7000	-1.33	25	Pass
20C 3.65V	a	5500	Ant1	5499.991	-9000	-1.64	25	Pass
20C 3.87V	a	5500	Ant1	5499.992	-8000	-1.45	25	Pass
20C 4.45V	a	5500	Ant1	5499.991	-9000	-1.64	25	Pass
-20C 3.87V	a	5500	Ant1	5499.992	-8000	-1.45	25	Pass
-10C 3.87V	a	5500	Ant1	5499.992	-8000	-1.45	25	Pass
0C 3.87V	a	5500	Ant1	5499.992	-8000	-1.45	25	Pass
10C 3.87V	a	5500	Ant1	5499.992	-8000	-1.45	25	Pass
30C 3.87V	a	5500	Ant1	5499.992	-8000	-1.45	25	Pass
40C 3.87V	a	5500	Ant1	5499.992	-8000	-1.45	25	Pass
55C 3.87V	a	5500	Ant1	5499.992	-8000	-1.45	25	Pass
20C 3.65V	a	5745	Ant1	5745	0	0	25	Pass
20C 3.87V	a	5745	Ant1	5745	0	0	25	Pass
20C 4.45V	a	5745	Ant1	5745	0	0	25	Pass
-20C 3.87V	a	5745	Ant1	5745	0	0	25	Pass



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-10C 3.87V	a	5745	Ant1	5745	0	0	25	Pass
0C 3.87V	a	5745	Ant1	5745	0	0	25	Pass
10C 3.87V	a	5745	Ant1	5745	0	0	25	Pass
30C 3.87V	a	5745	Ant1	5745	0	0	25	Pass
40C 3.87V	a	5745	Ant1	5745	0	0	25	Pass
55C 3.87V	a	5745	Ant1	5745	0	0	25	Pass





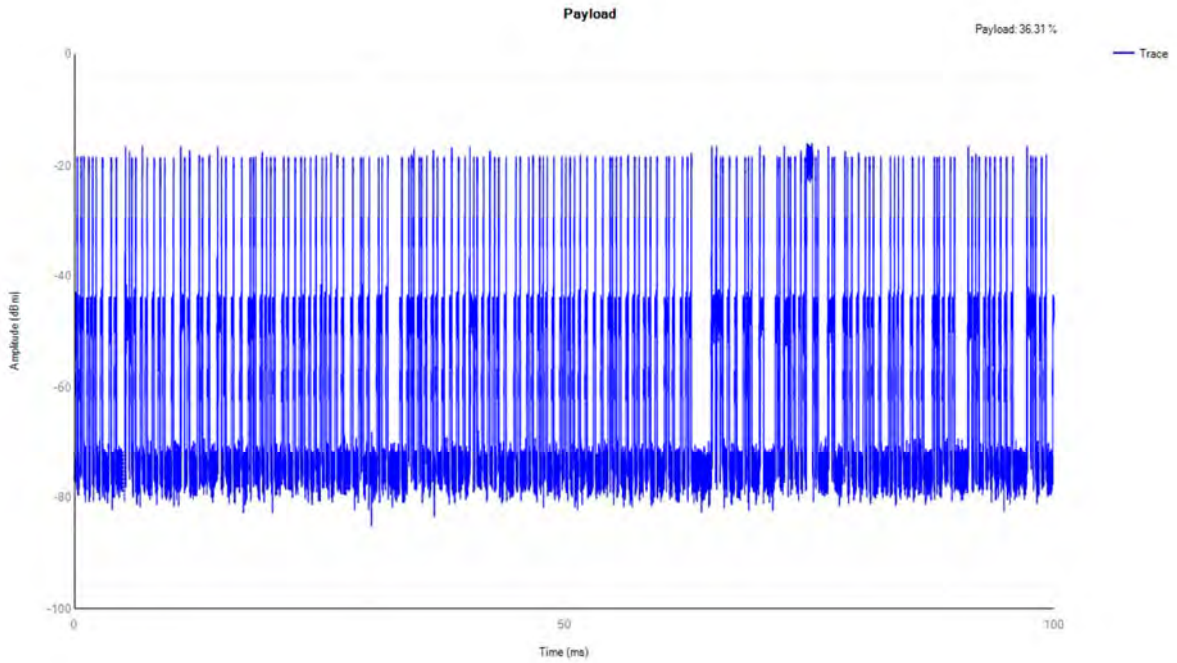
### A.6. Dynamic Frequency Selection

Payload

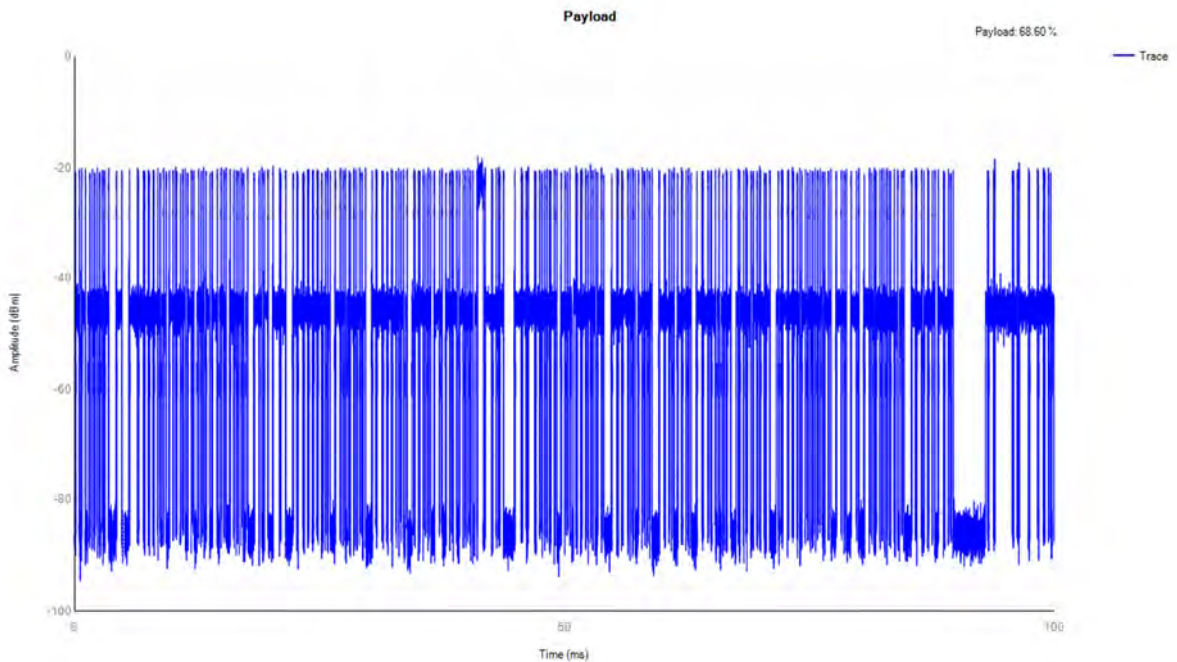
Mode	Frequency (MHz)	Result	Verdict
a	5320	36.31	Pass
a	5500	68.6	Pass
ac80	5290	75.16	Pass
ac80	5530	76.71	Pass

Test Graphs

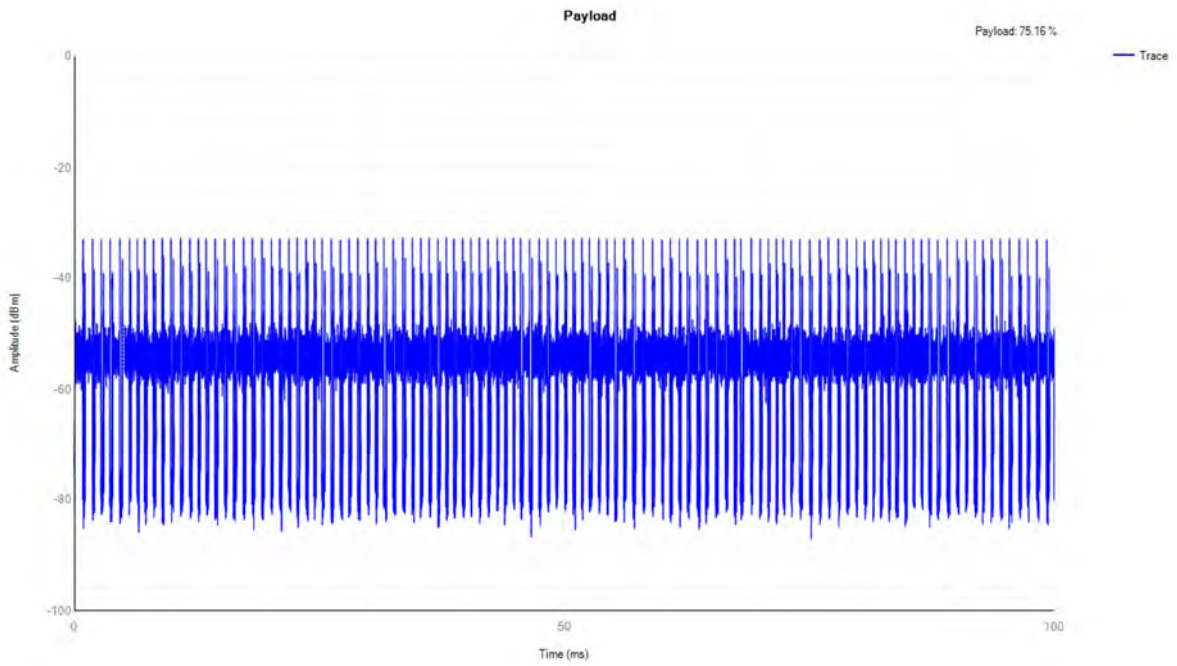
a 5320MHz Payload



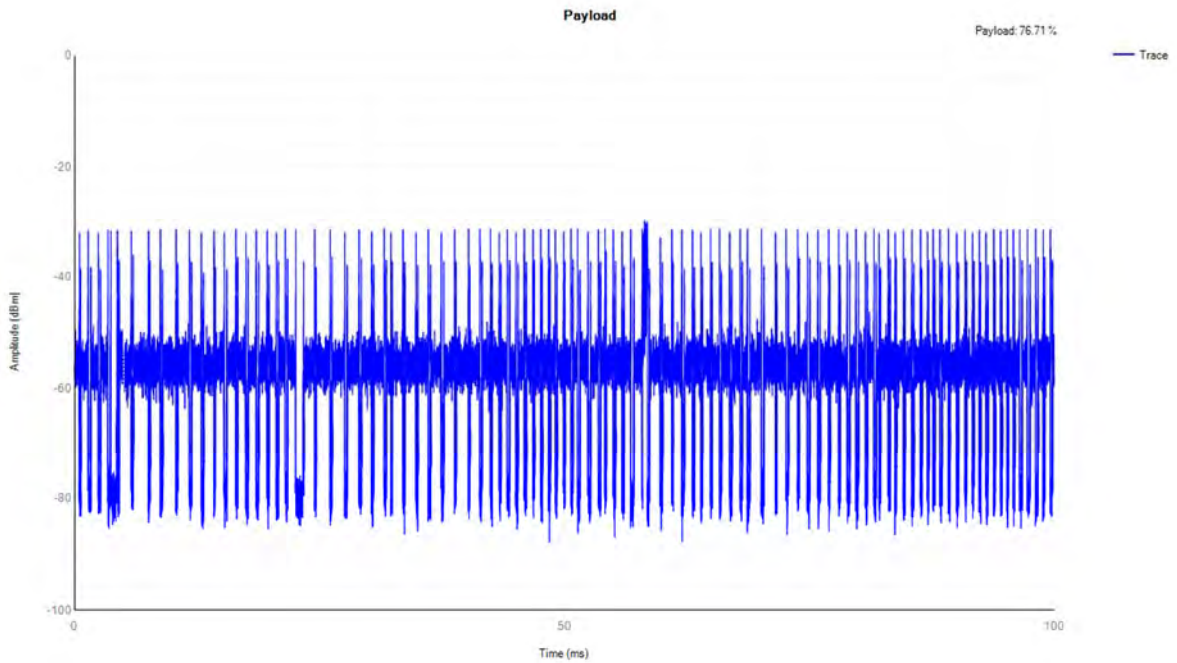
a 5500MHz Payload



ac80 5290MHz Payload



ac80 5530MHz Payload





Detection Thresholds

Mode	Frequency (MHz)	Type	Result	Verdict
a	5320	DFS_FCC_T0	See test Graph	Pass
a	5500	DFS_FCC_T0	See test Graph	Pass
ac80	5290	DFS_FCC_T0	See test Graph	Pass
ac80	5530	DFS_FCC_T0	See test Graph	Pass

Spectrum analyzer settings:

Span: Zero

Detector Type: Peak

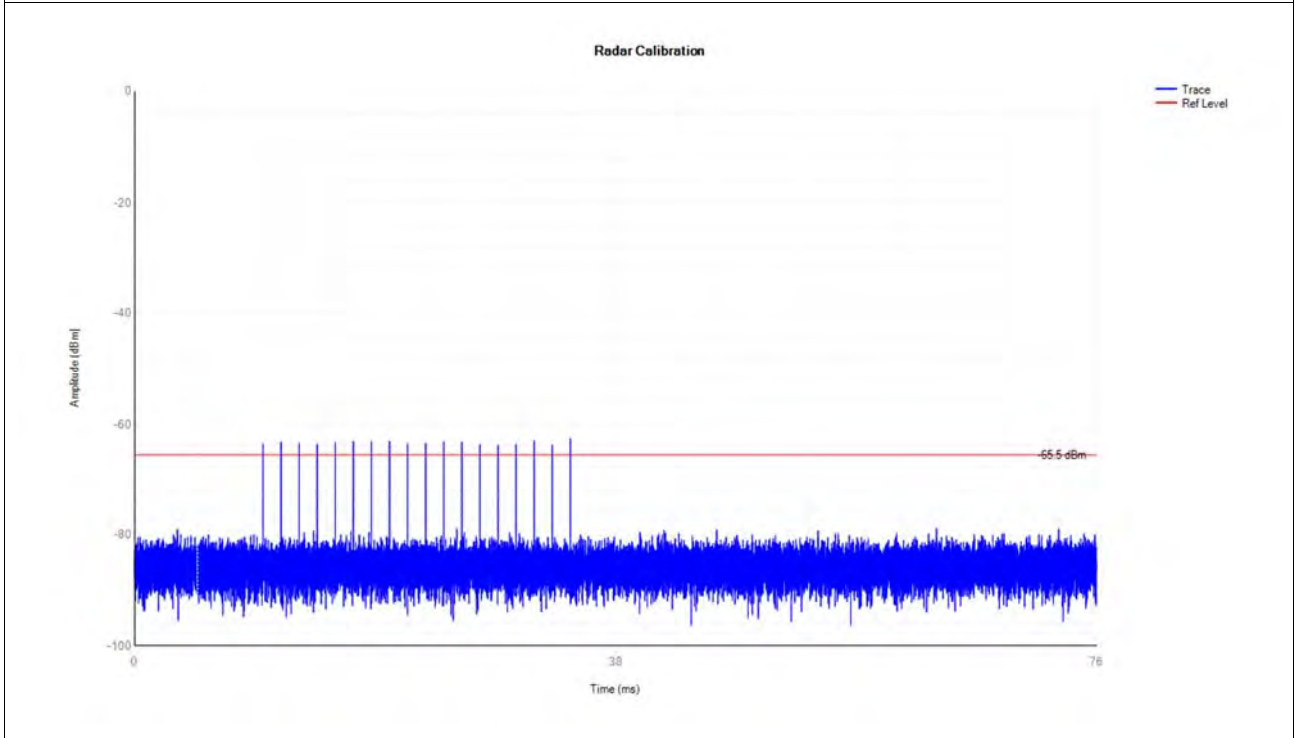
RBW: 3MHz

VBW: 3MHz

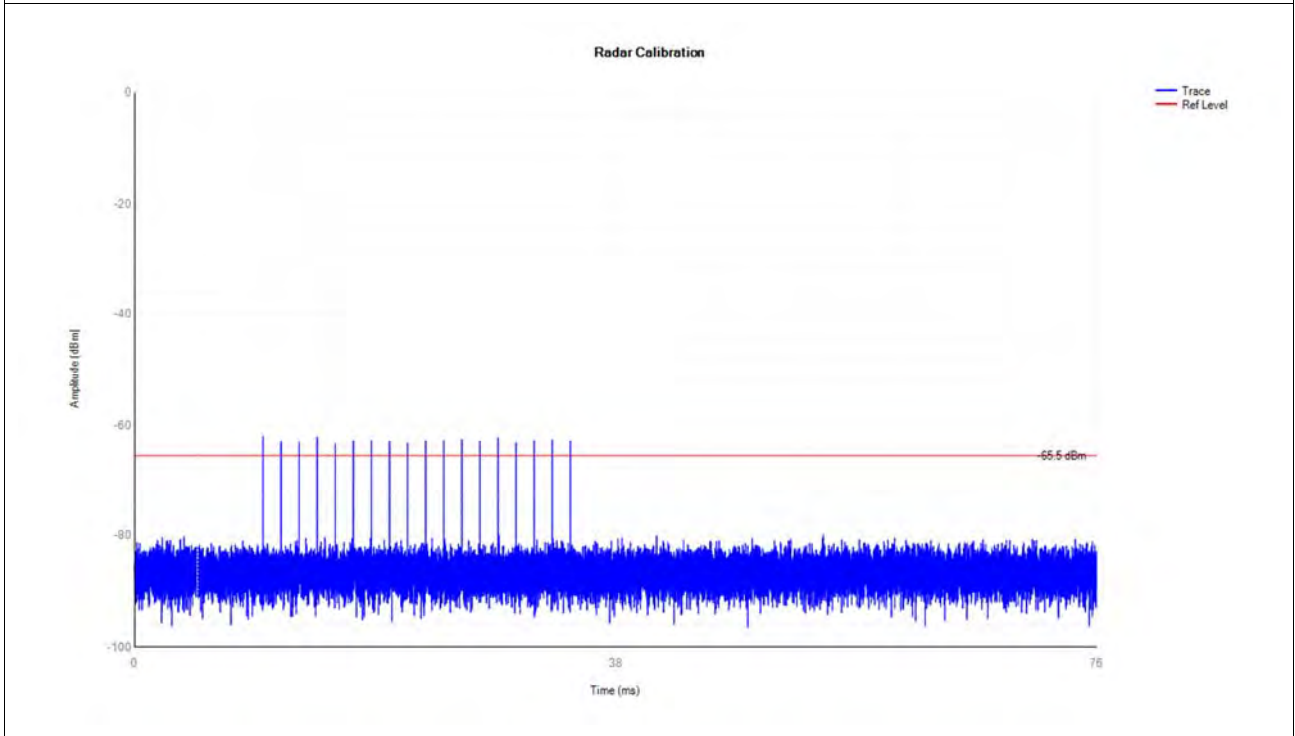


Test Graphs

5320MHz DFS\_FCC\_T0

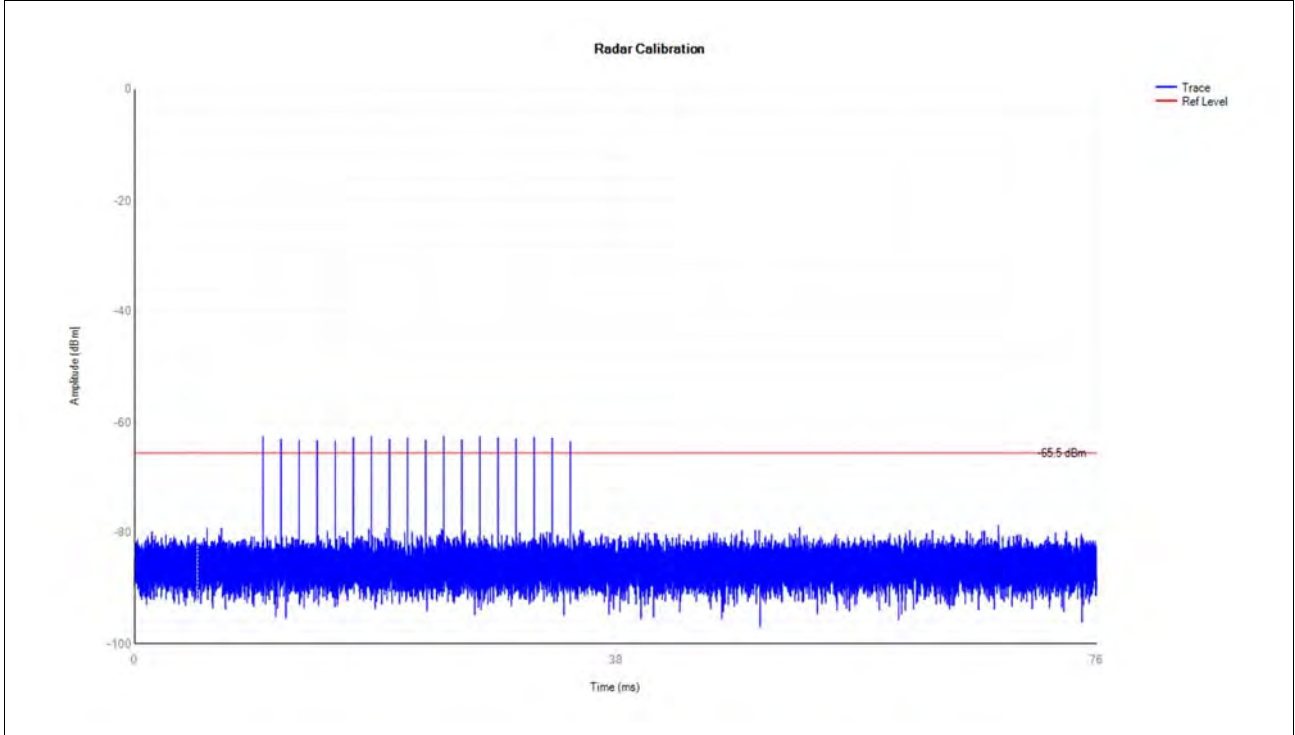


5500MHz DFS\_FCC\_T0

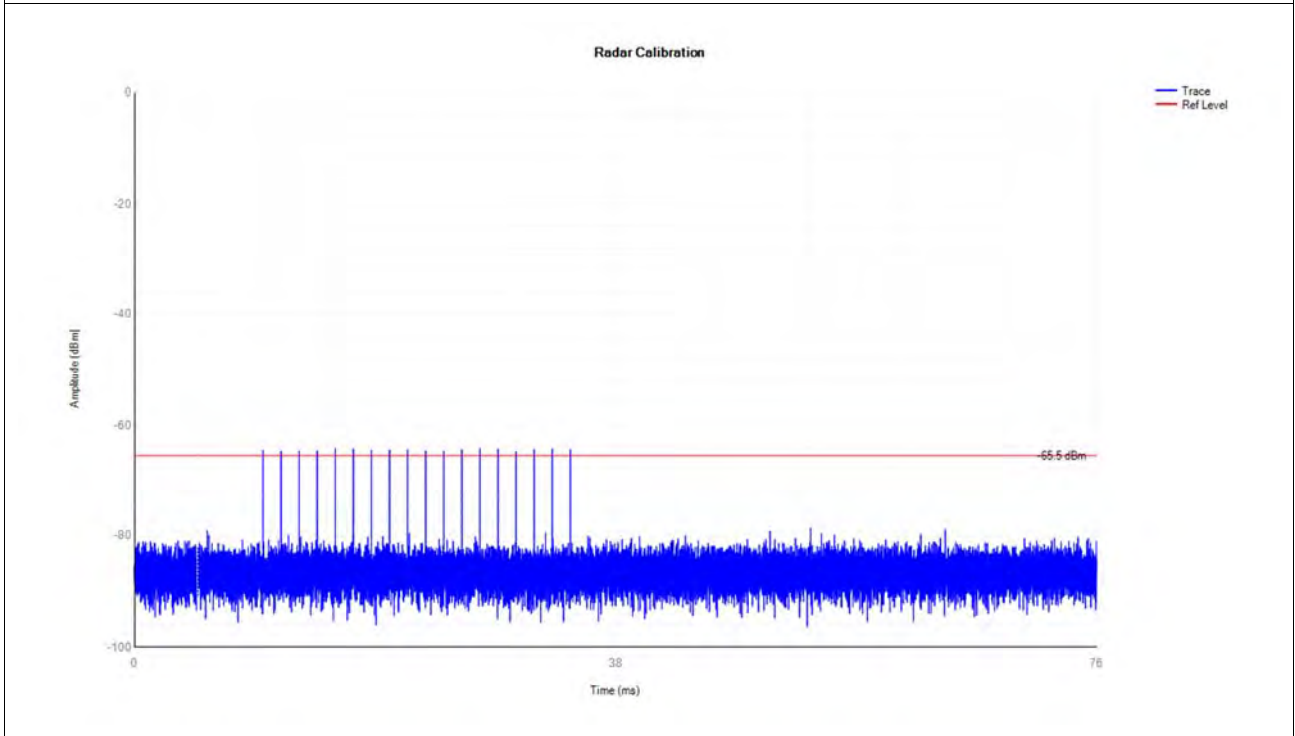




5290MHz DFS\_FCC\_T0



5530MHz DFS\_FCC\_T0





## Channel Move Time and Channel Closing Transmission Time

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5320	0.785	10	0.024	0.26	0.012	0.06	Pass
a	5500	0.842	10	0.079	0.26	0.014	0.06	Pass
ac80	5290	0.86	10	0.039	0.26	0.009	0.06	Pass
ac80	5530	0.946	10	0.096	0.26	0.01	0.06	Pass

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

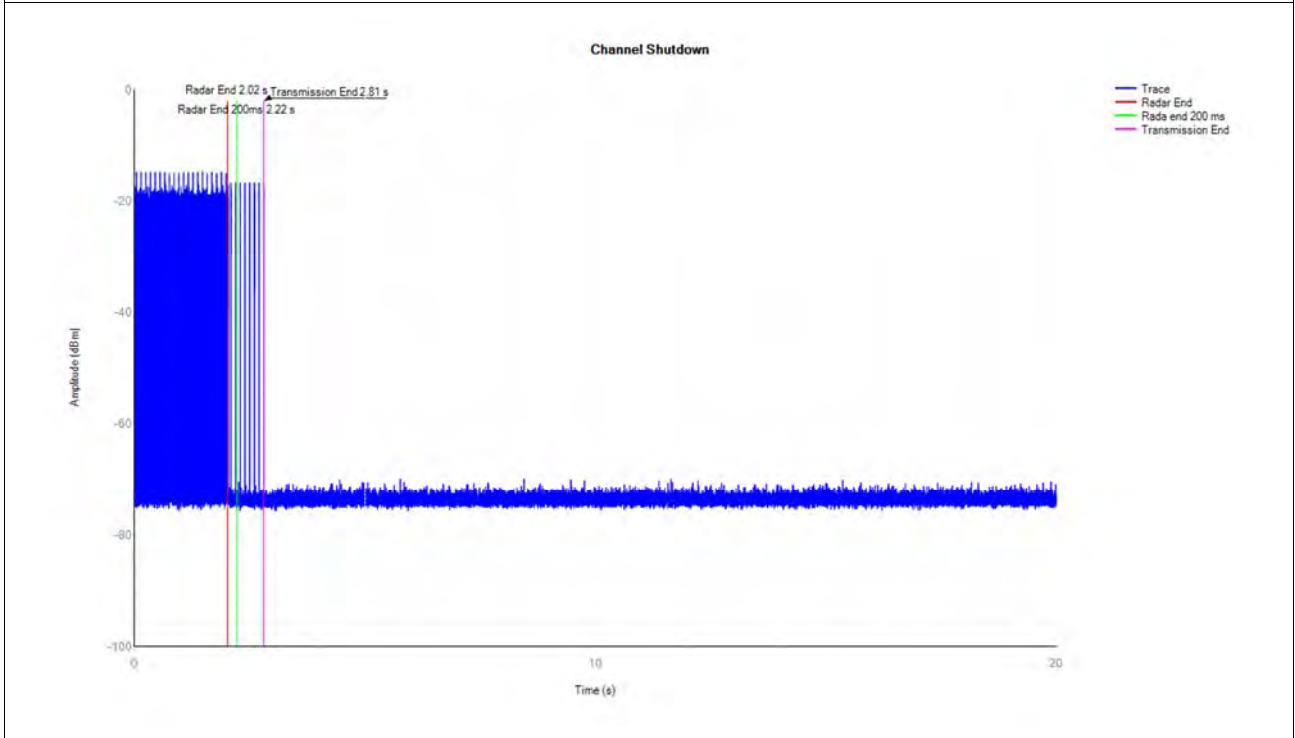
RBW: 3MHz

VBW: 3MHz

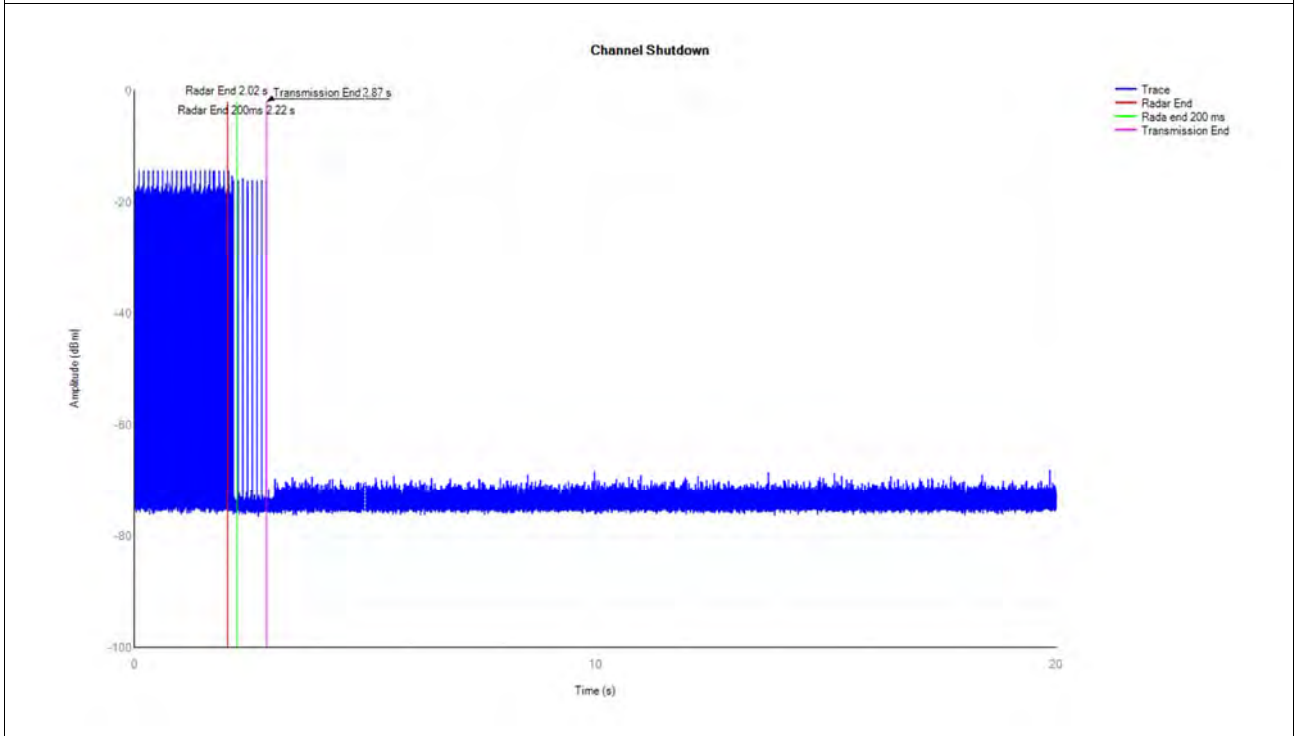
Sweep time: 20s

Test Graphs

a 5320MHz Shutdown

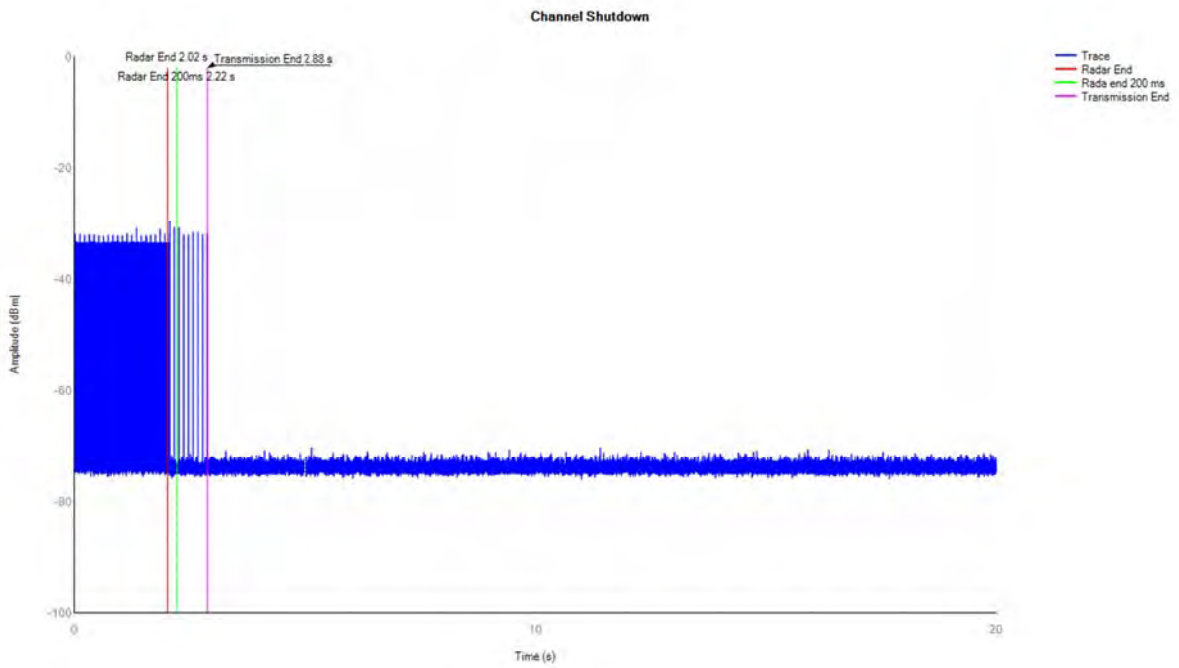


a 5500MHz Shutdown

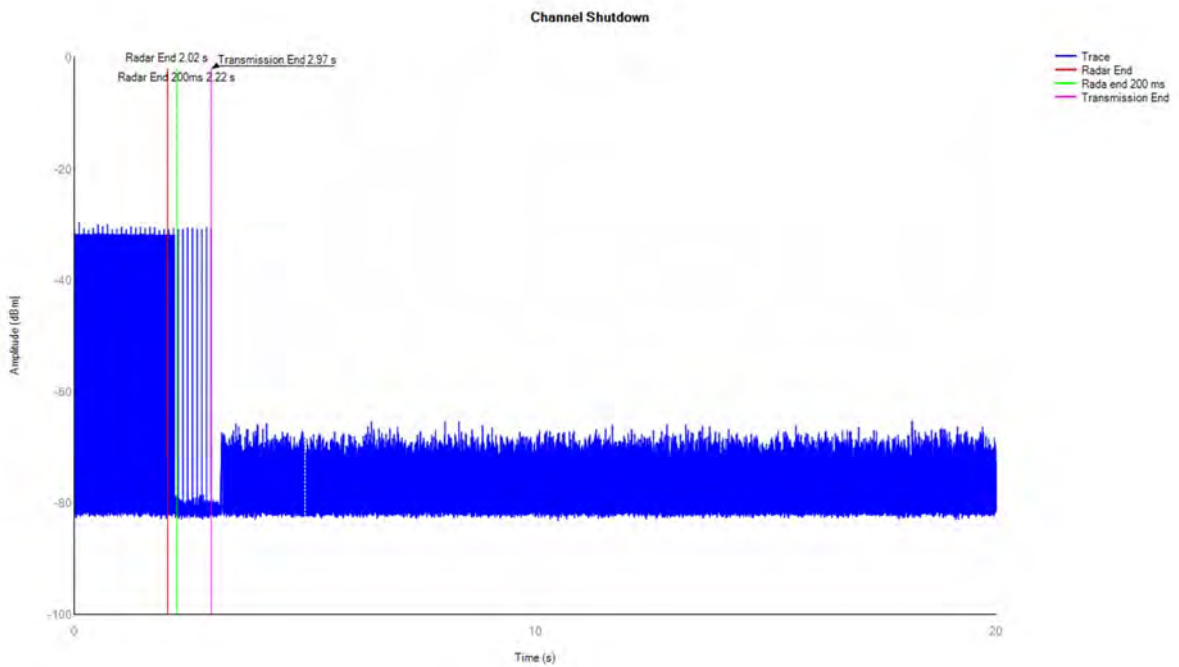




ac80 5290MHz Shutdown



ac80 5530MHz Shutdown



Note: The signal above the noise floor after the radar signal ends is the signal which leaked from other channels that have been moved following the Master device.



## Non-Occupancy Period

Mode	Frequency (MHz)	Result	Verdict
a	5320	See test Graph	Pass
a	5500	See test Graph	Pass

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

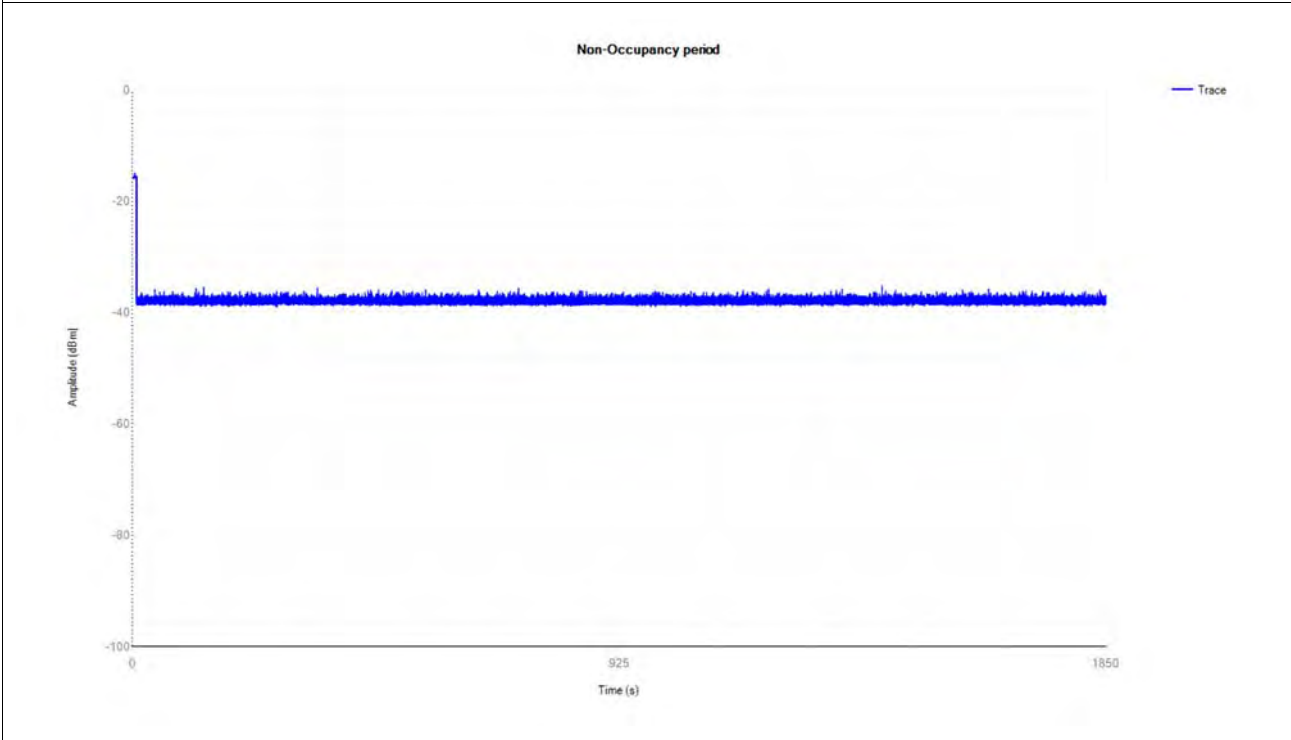
RBW: 3MHz

VBW: 3MHz

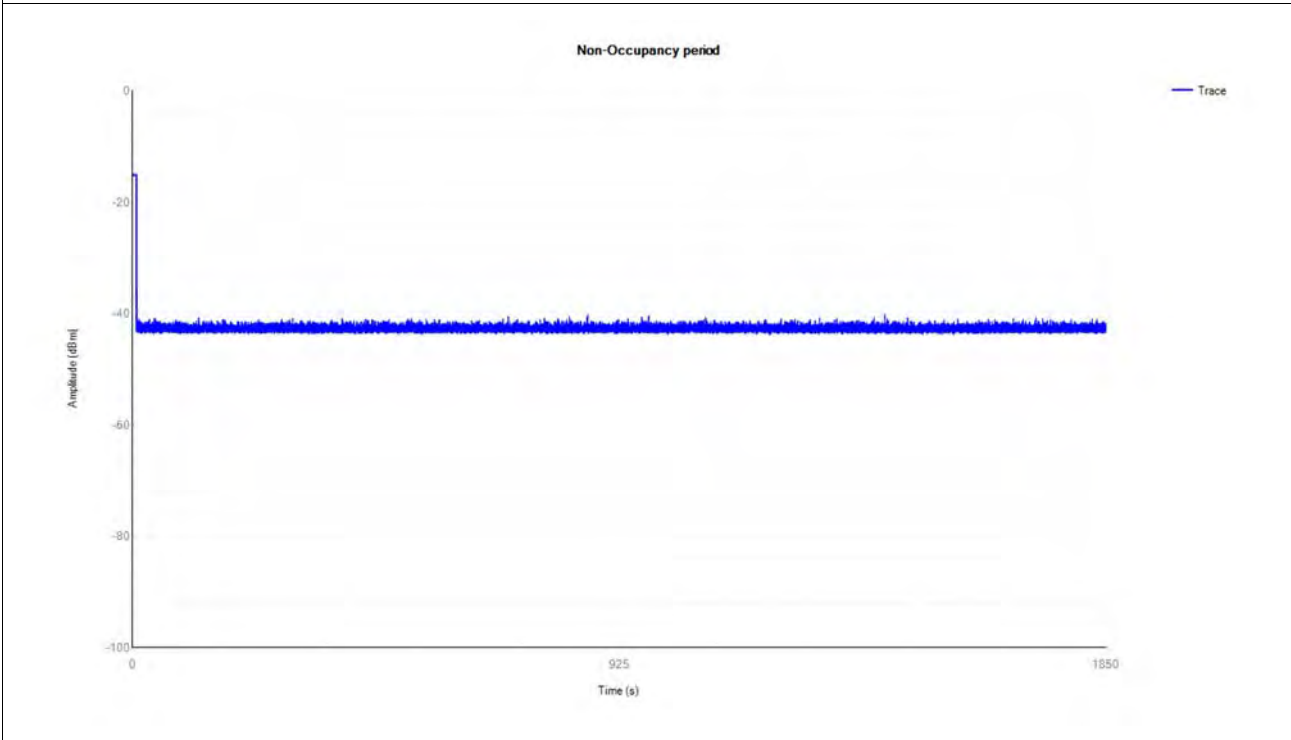
Sweep time: 1850s

Test Graphs

a 5320MHz Non-Occupancy



a 5500MHz Non-Occupancy





## A.7. Conducted Emission

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 plots 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 + PC Adapter + PC + Earphone + WIFI TX

Test voltage: AC 120V/60Hz

The measurement results are obtained as below:

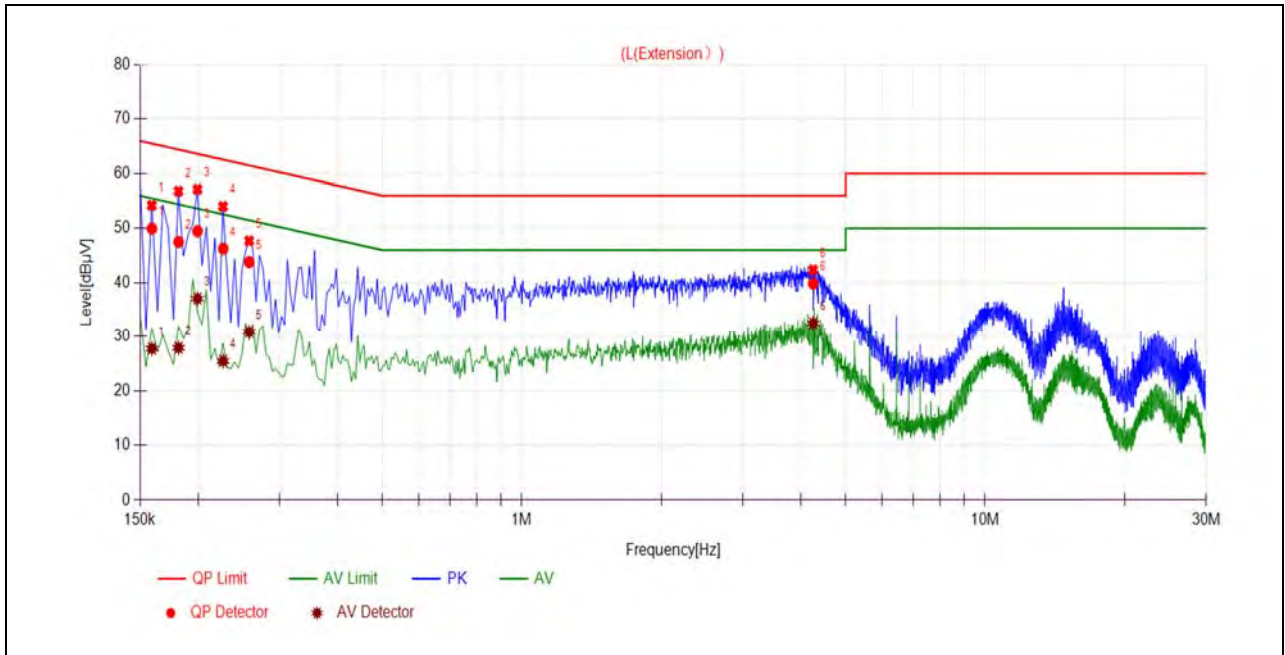
$$E \text{ [dB}\mu\text{V]} = U_R + L_{\text{Cable loss}} \text{ [dB]} + A_{\text{Factor}}$$

$U_R$ : Receiver Reading

$A_{\text{Factor}}$ : Voltage division factor of LISN

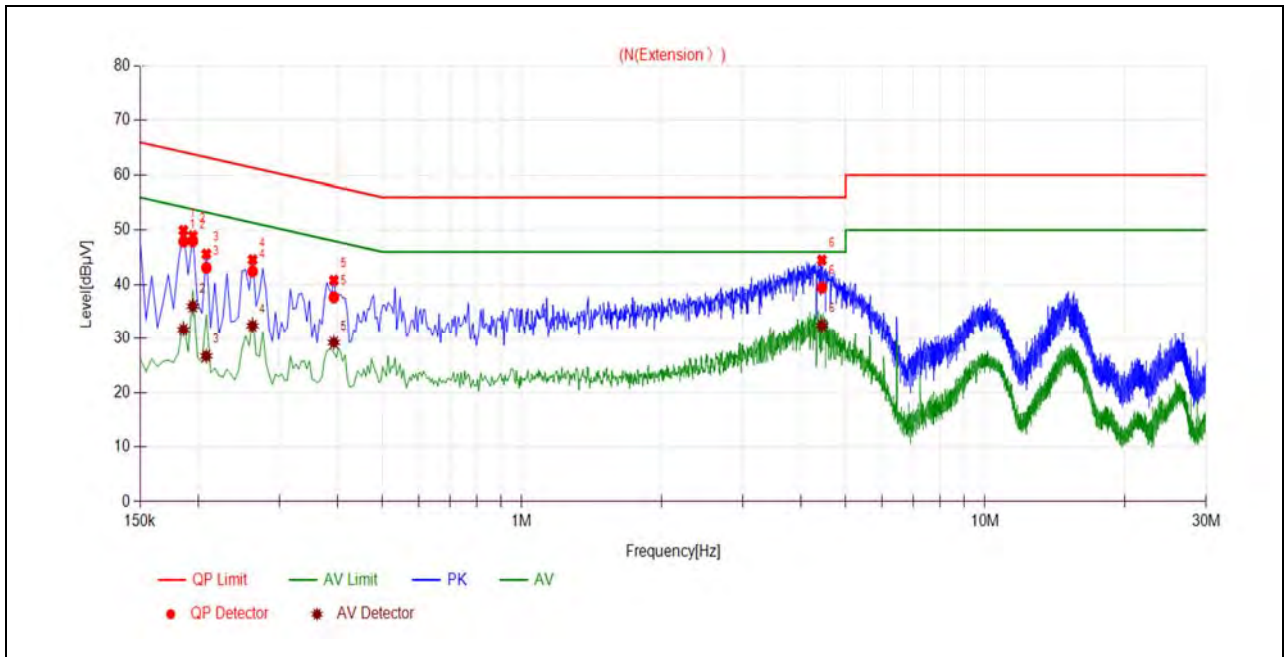


**B. Test Plot:**



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1591	49.98	27.73	65.51	55.51	Line	PASS
2	0.1816	47.51	27.88	64.41	54.41		PASS
3	0.1995	49.50	37.07	63.63	53.63		PASS
4	0.2267	46.28	25.45	62.57	52.57		PASS
5	0.2580	43.80	30.87	61.49	51.49		PASS
6	4.2551	39.84	32.51	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1861	47.91	31.69	64.21	54.21	Neutral	PASS
2	0.1949	47.96	36.03	63.83	53.83		PASS
3	0.2085	43.10	26.73	63.26	53.26		PASS
4	0.2623	42.43	32.42	61.36	51.36		PASS
5	0.3930	37.67	29.21	58.00	48.00		PASS
6	4.4446	39.45	32.48	56.00	46.00		PASS

**A.8. Restricted Frequency Bands**

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

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

$G_{\text{preamp}}$ : Preamplifier Gain

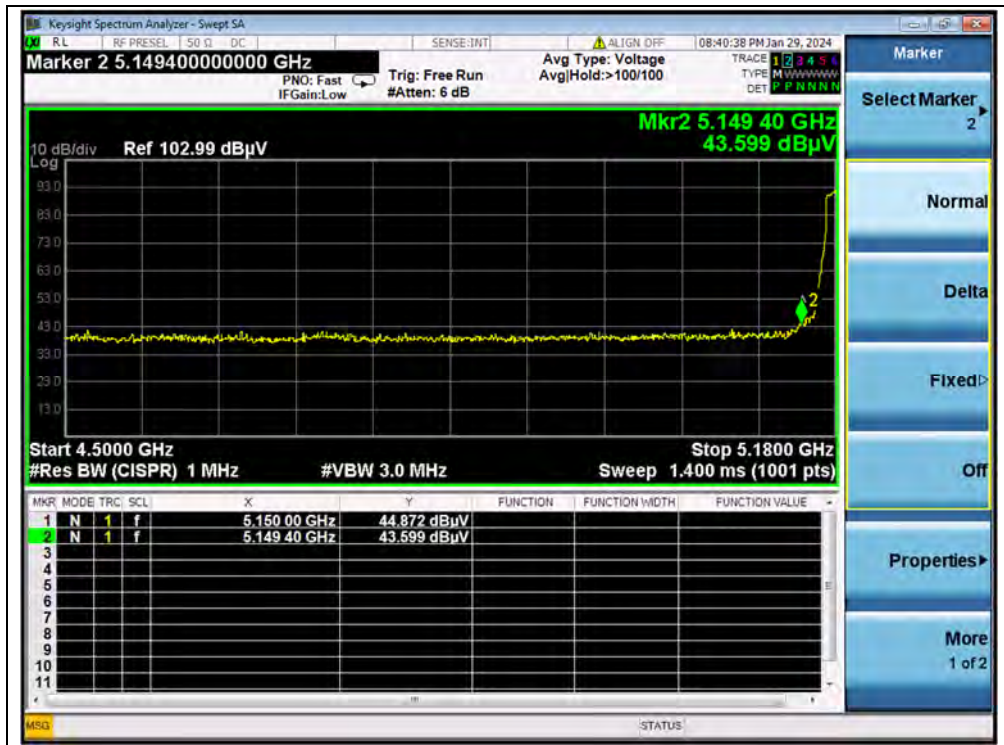
$A_{\text{Factor}}$ : Antenna Factor at 3m

**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.

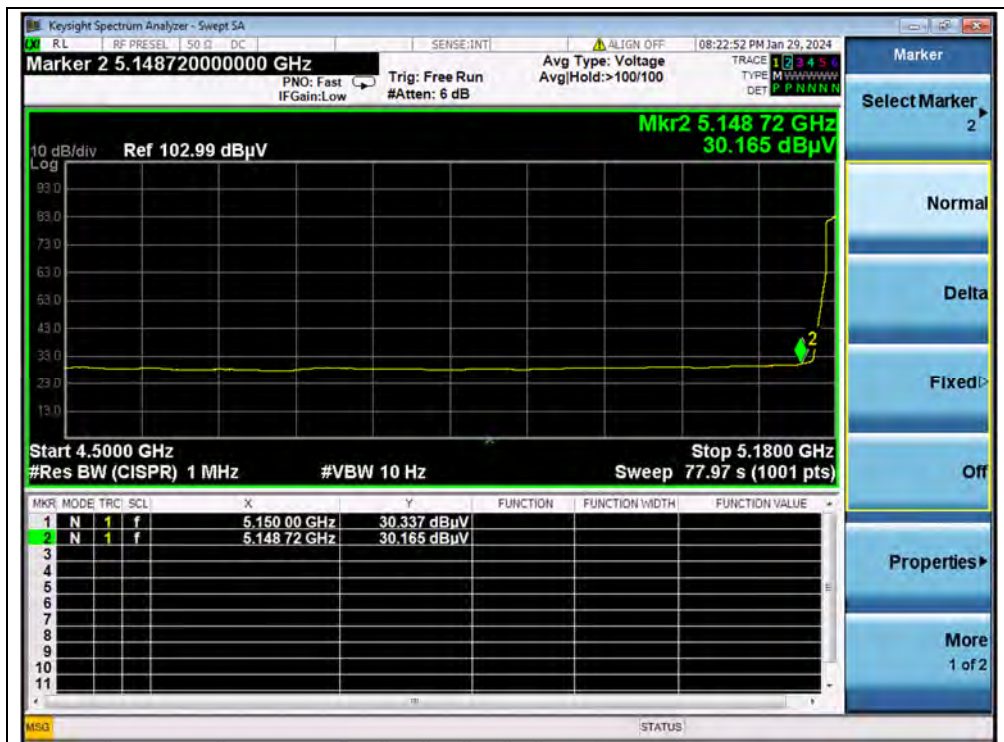
**Note 2** All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

**802.11a Mode**

Channel	Frequency (MHz)	Detector	Receiver Reading	$A_T$ (dB)	$A_{\text{Factor}}$ (dB@3m)	Max. Emission E (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Verdict
		PK/ AV	$U_R$ (dB $\mu$ V)					
36	5150.00	PK	44.87	-19.54	32.20	57.53	74	PASS
36	5150.00	AV	30.34	-19.54	32.20	43.00	54	PASS
64	5350.38	PK	46.94	-18.80	32.20	60.34	74	PASS
64	5350.00	AV	29.88	-18.80	32.20	43.28	54	PASS
100	5128.01	PK	42.12	-19.20	32.20	55.12	74	PASS
100	5096.39	AV	29.38	-19.20	32.20	42.38	54	PASS
144	5728.50	PK	43.41	-19.20	32.20	56.41	68.23	PASS
149	5725.00	PK	47.34	-19.01	32.20	60.53	122.23	PASS
165	5855.00	PK	41.90	-19.01	32.20	55.09	110.83	PASS

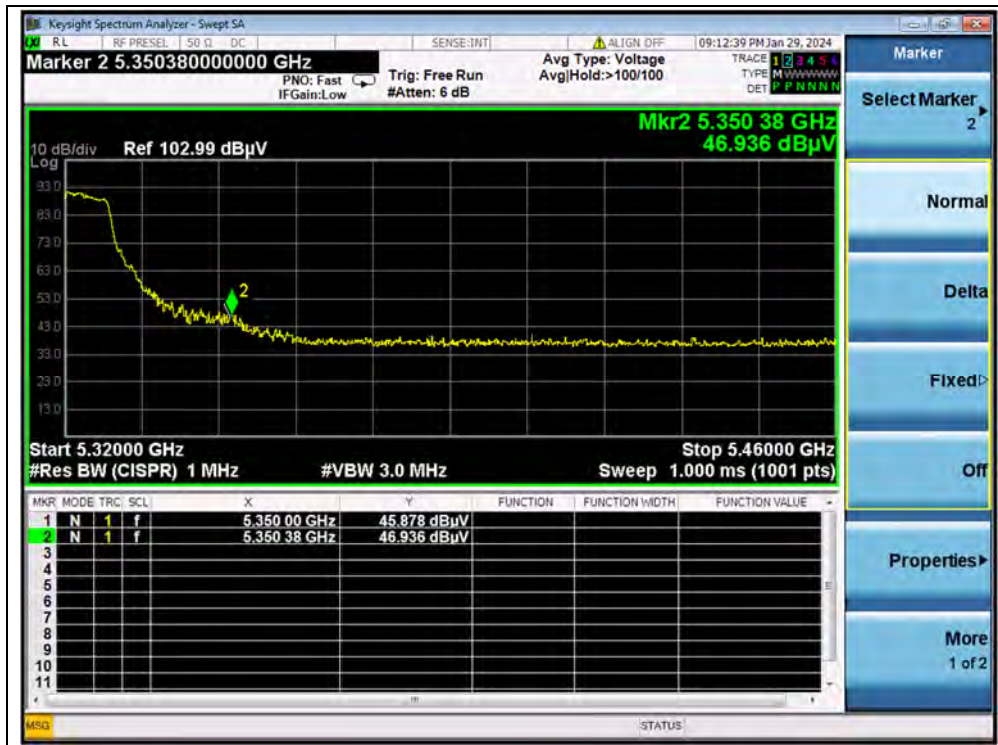


(PEAK, Channel 36, 802.11a)

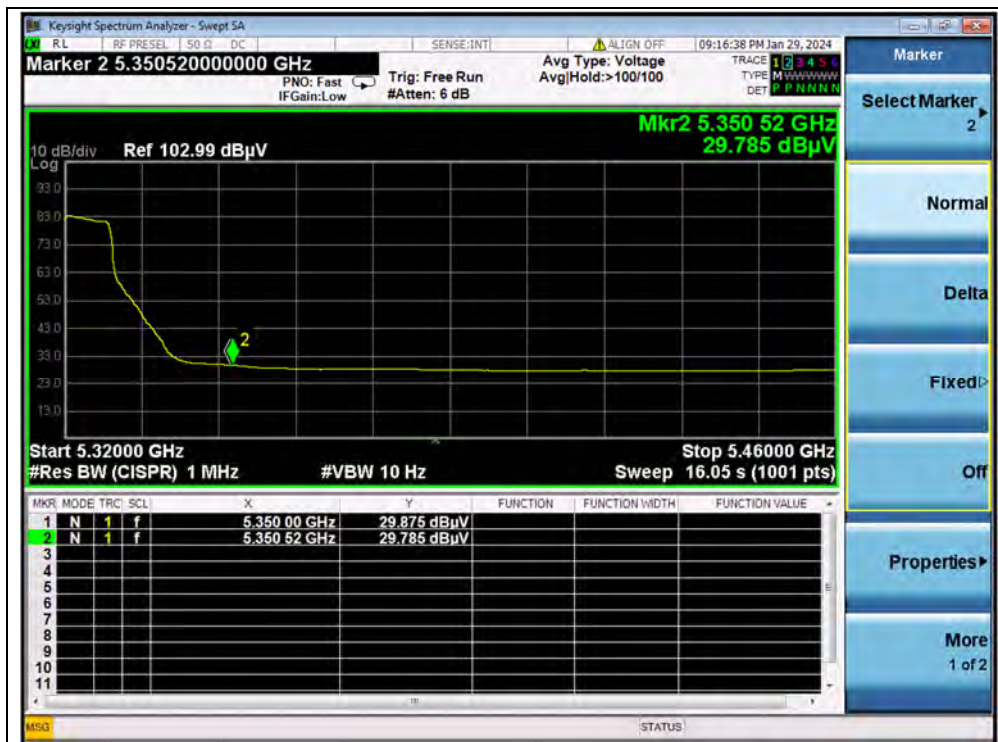


(AVERAGE, Channel 36, 802.11a)

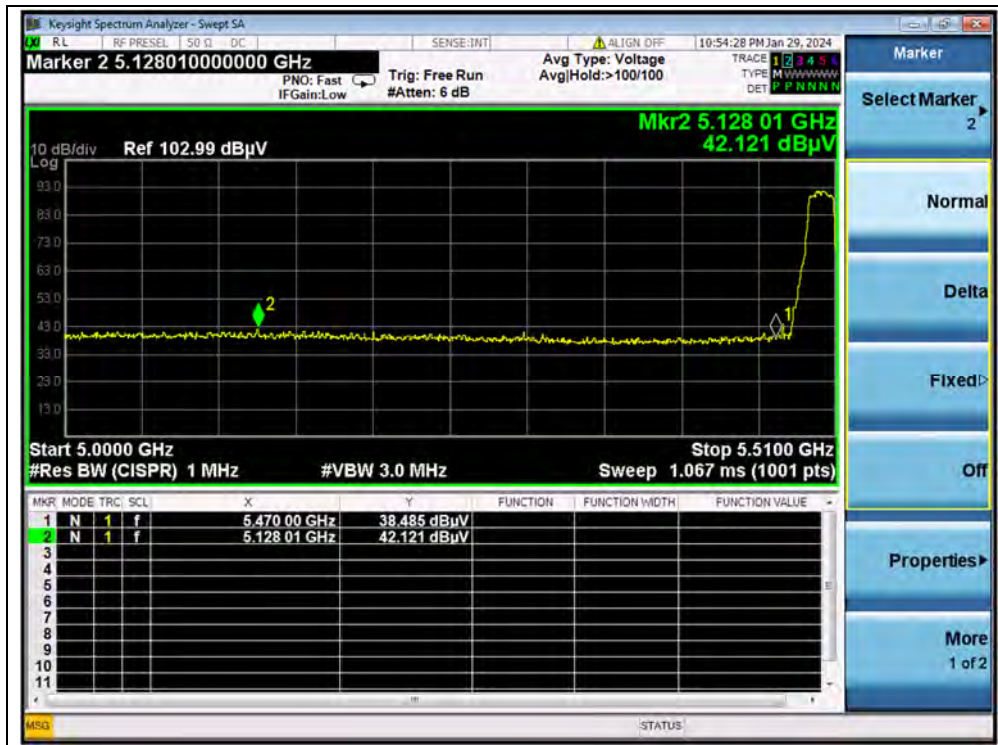




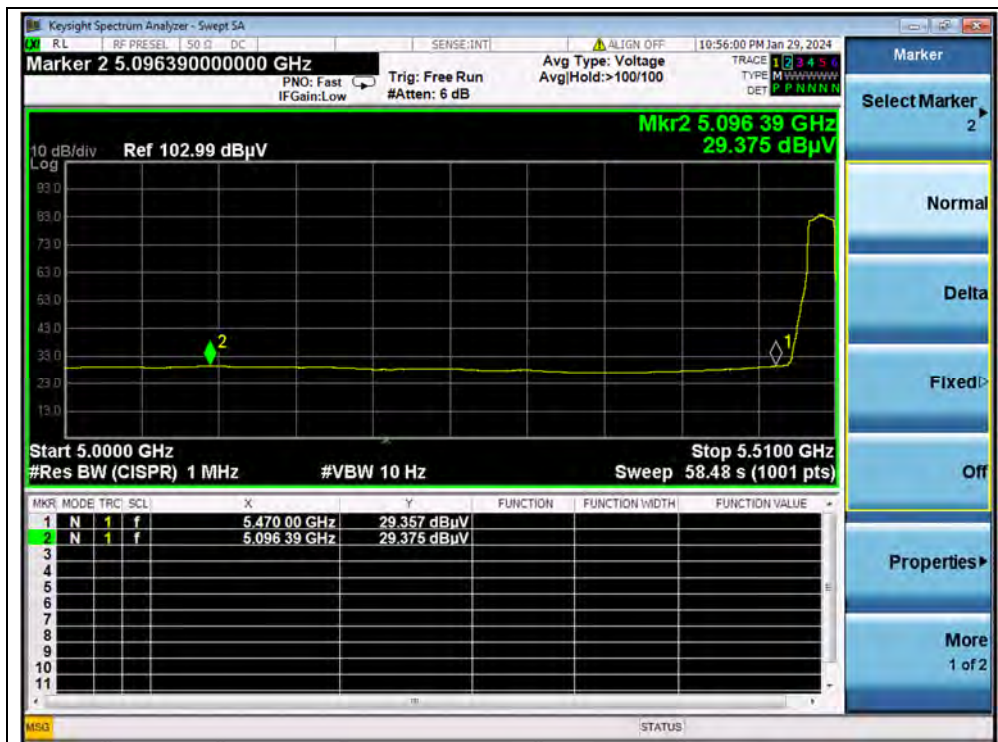
(PEAK, Channel 64, 802.11a)



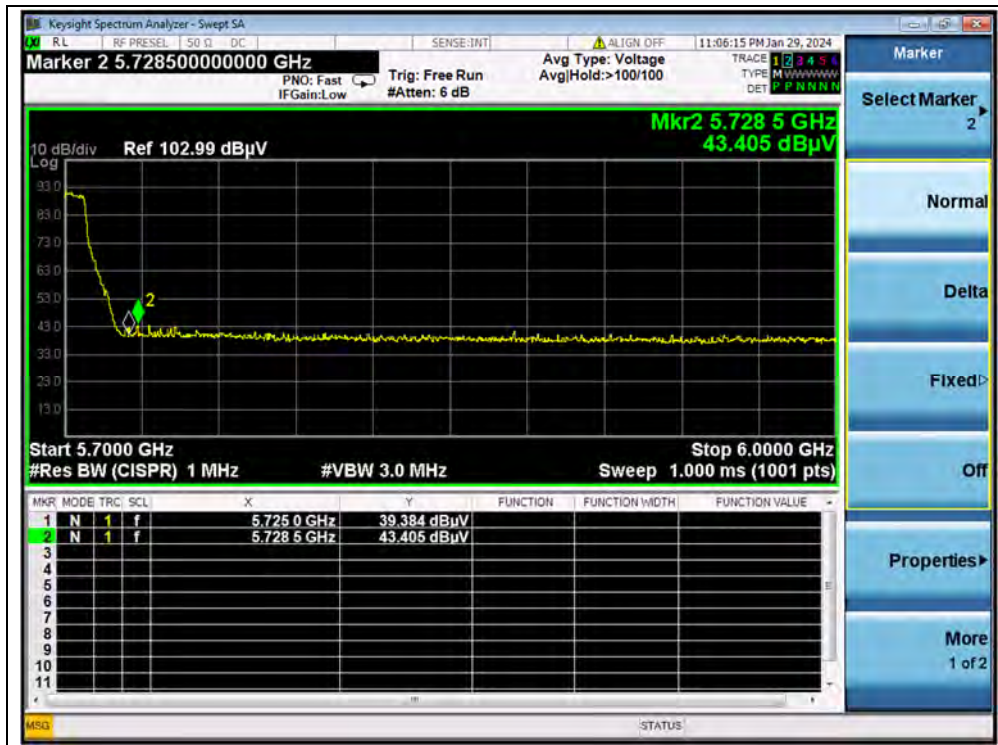
(AVERAGE, Channel 64, 802.11a)



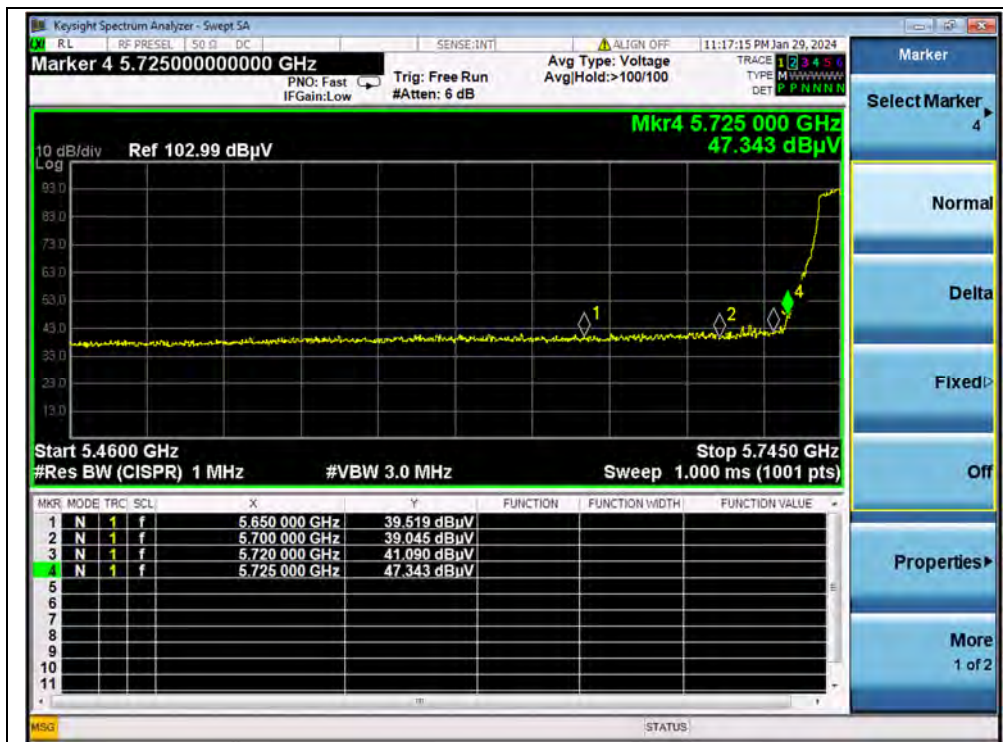
(PEAK, Channel 100, 802.11a)



(AVERAGE, Channel 100, 802.11a)

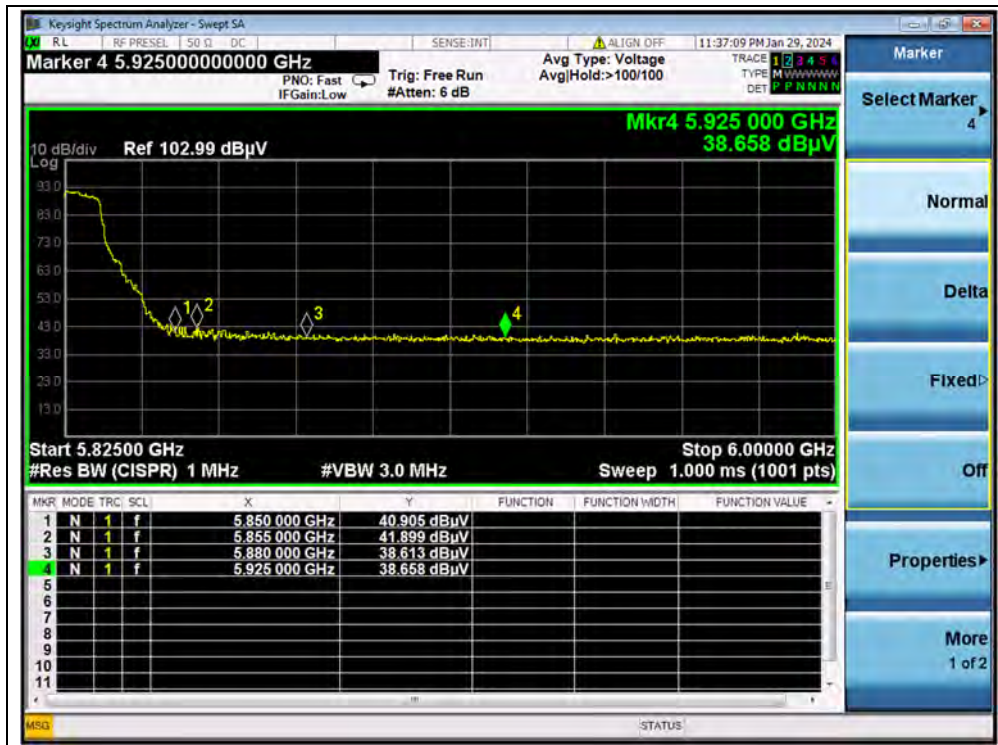


(PEAK, Channel 144, 802.11a)



(PEAK, Channel 149, 802.11a)



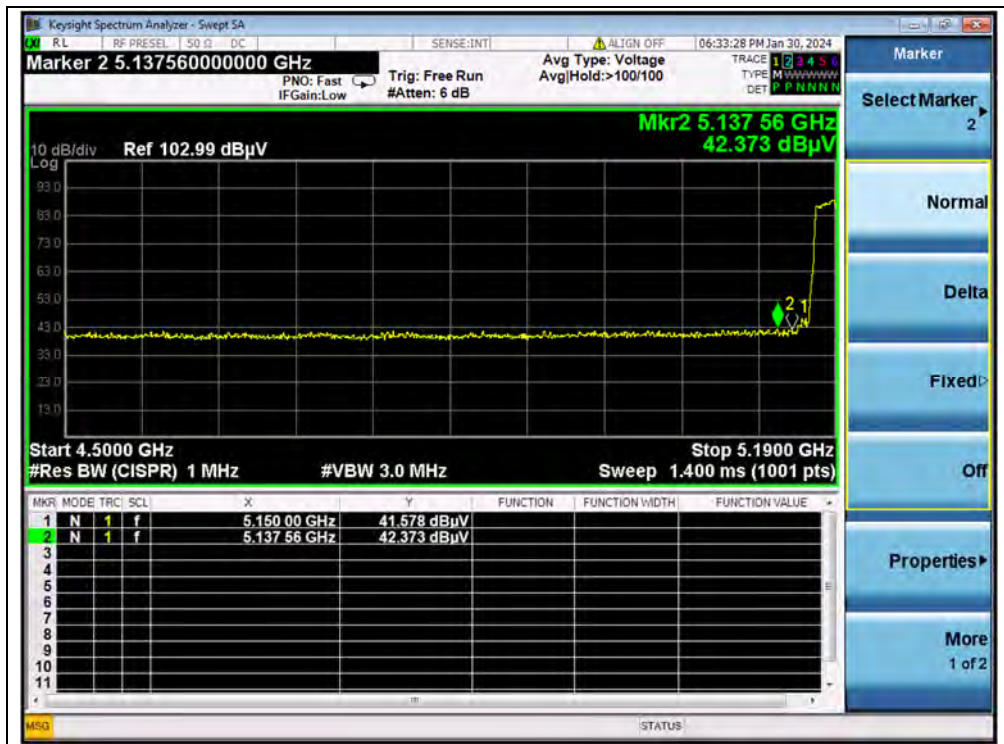


(PEAK, Channel 165, 802.11a)



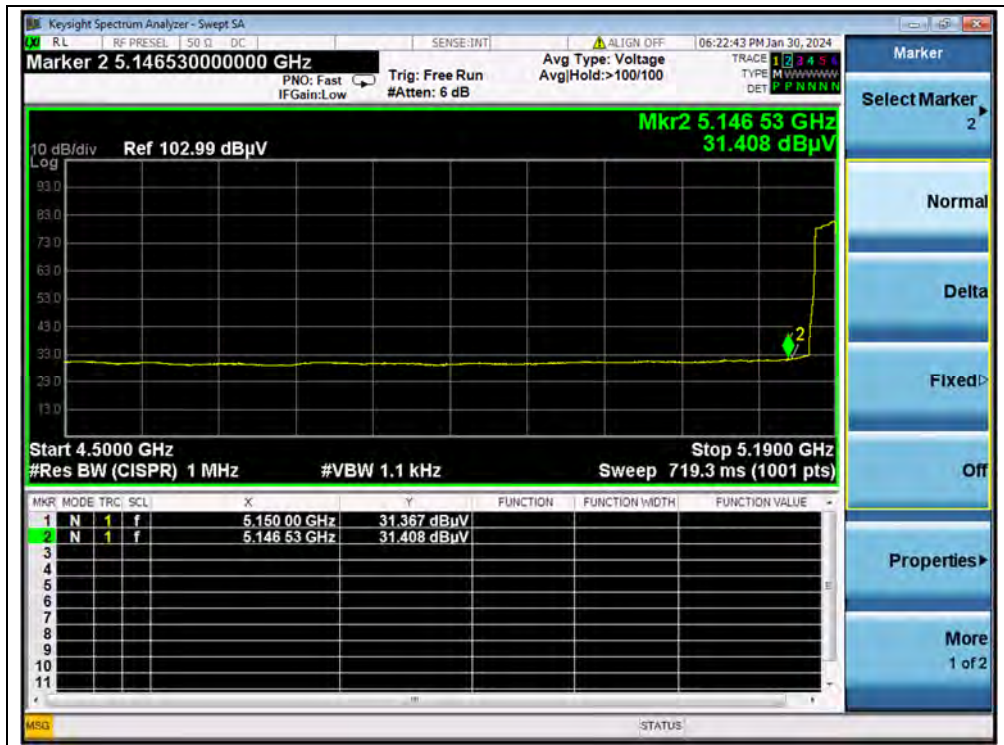
802.11n (HT40) Mode

Channel	Frequency (MHz)	Detector	Receiver Reading	A <sub>T</sub> (dB)	A <sub>Factor</sub> (dB@3m)	Max. Emission	Limit (dBμV/m)	Verdict
		PK/ AV	U <sub>R</sub> (dBμV)			E (dBμV/m)		
38	5137.56	PK	42.37	-19.54	32.20	55.03	74	PASS
38	5146.53	AV	31.41	-19.54	32.20	44.07	54	PASS
62	5351.17	PK	43.22	-18.80	32.20	56.62	74	PASS
62	5350.00	AV	33.12	-18.80	32.20	46.52	54	PASS
102	5095.93	PK	42.62	-19.20	32.20	55.62	74	PASS
102	5108.65	AV	30.76	-19.20	32.20	43.76	54	PASS
142	5747.55	PK	42.08	-19.20	32.20	55.08	68.23	PASS
151	5725.00	PK	49.55	-19.01	32.20	62.74	122.23	PASS
159	5855.00	PK	40.89	-19.01	32.20	54.08	110.83	PASS



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

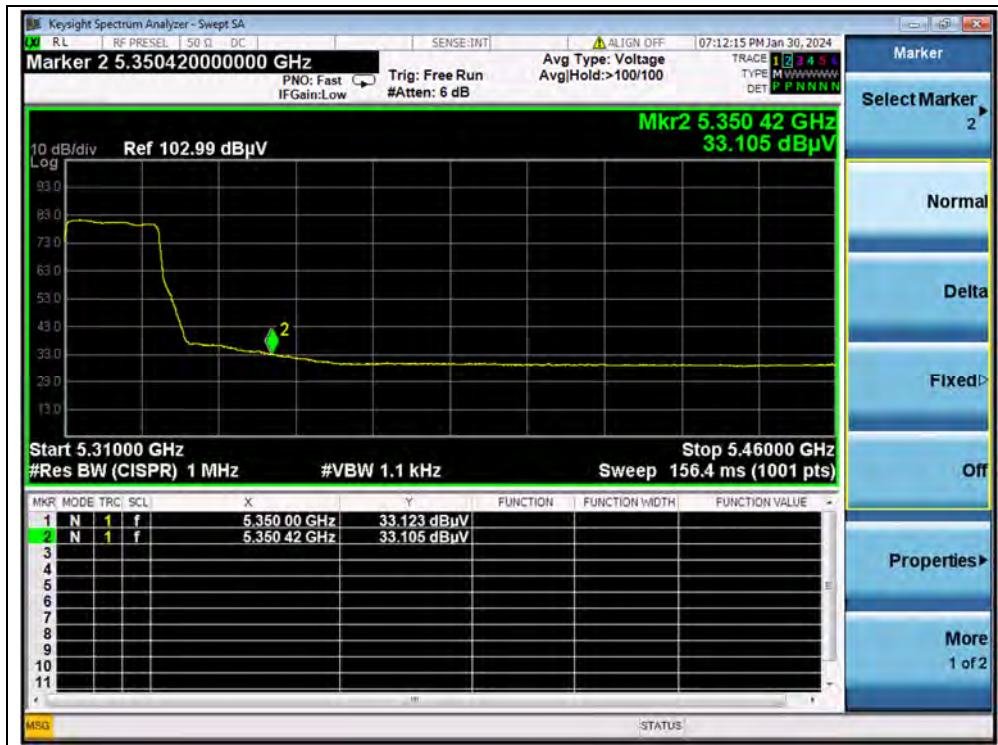




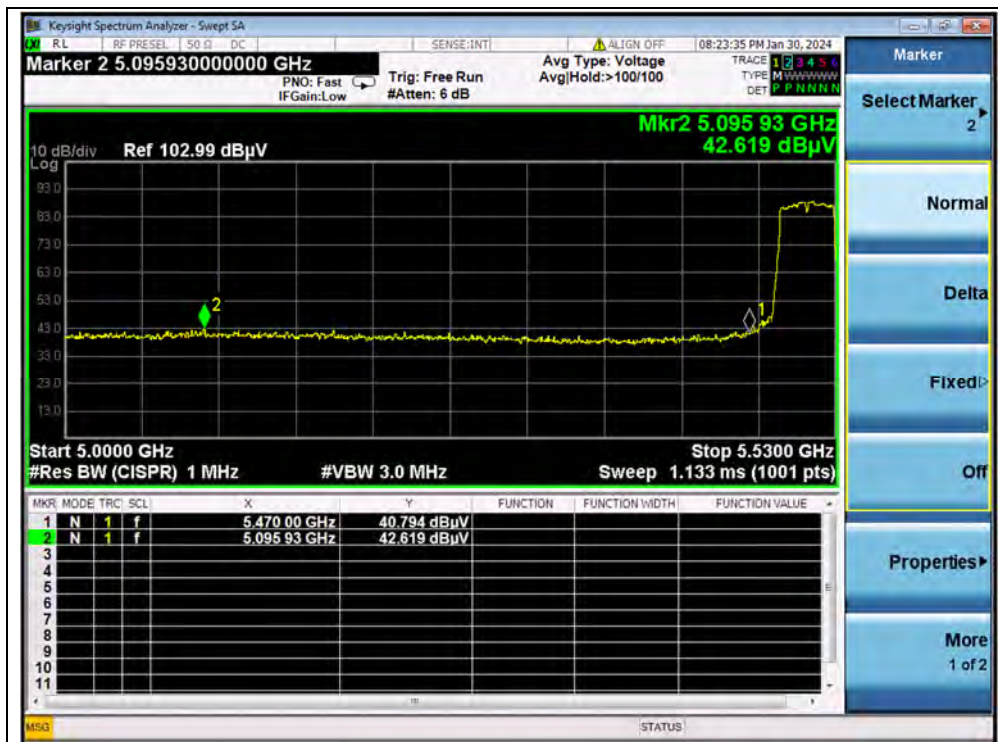
(AVERAGE, Channel 38, 802.11n (HT40))



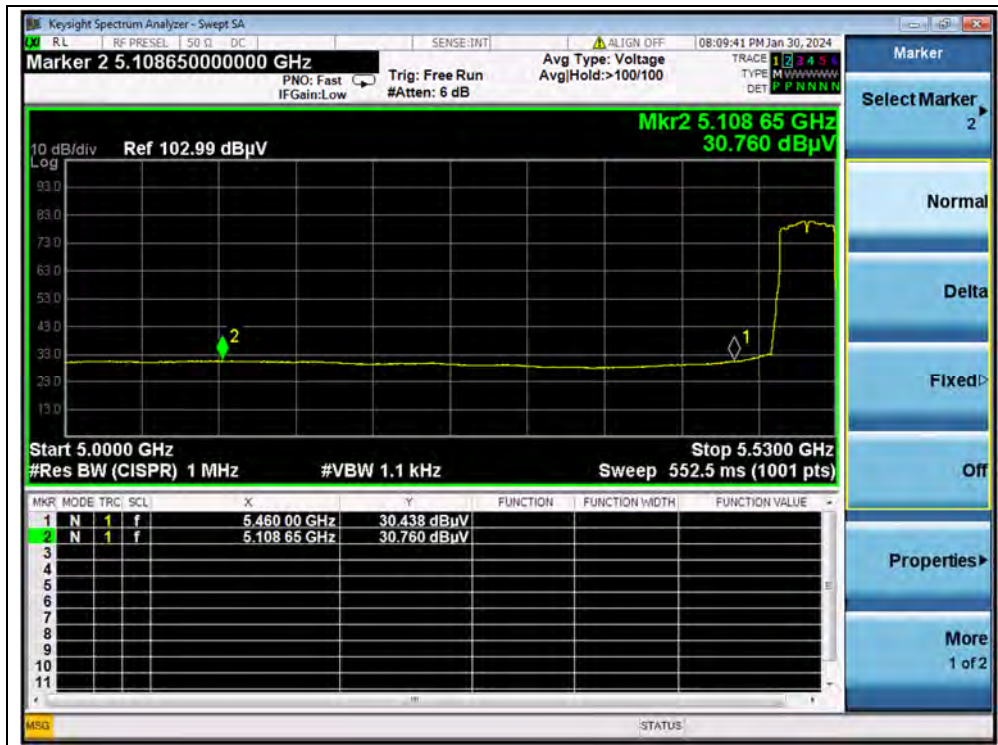
(PEAK, Channel 62, 802.11n (HT40))



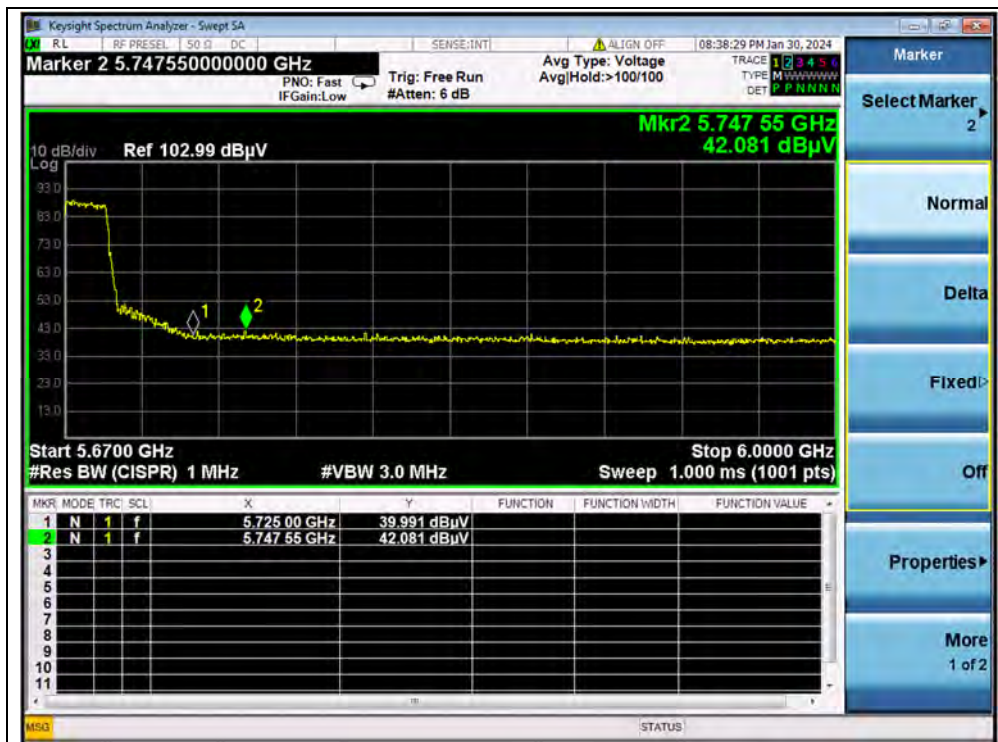
(AVERAGE, Channel 62, 802.11n (HT40))



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



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

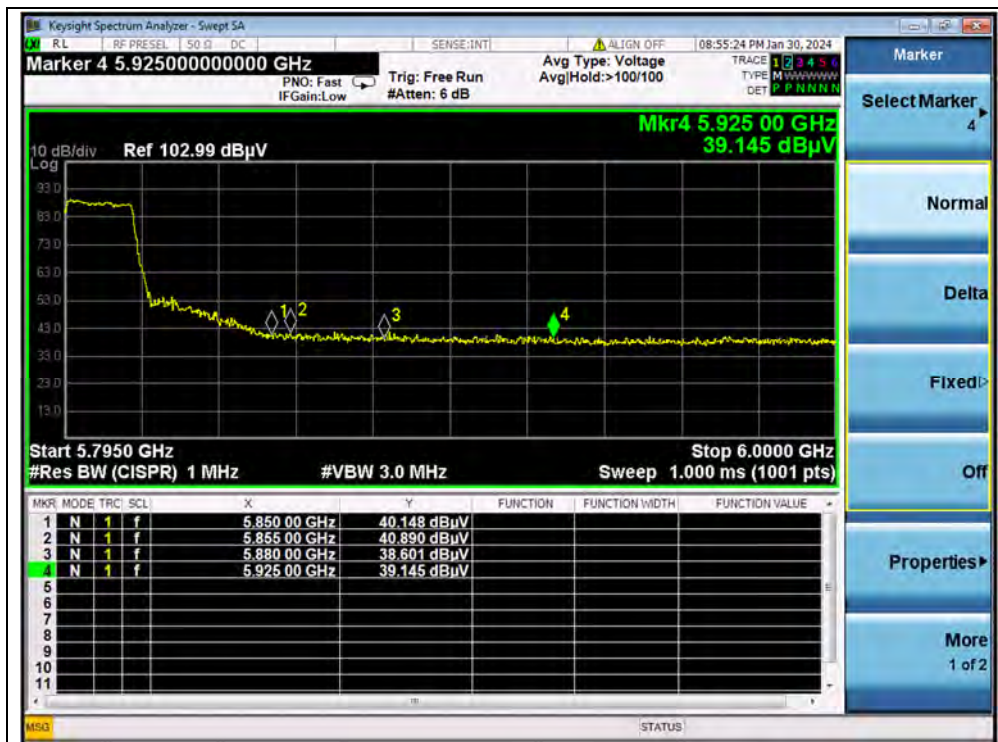


(PEAK, Channel 142, 802.11n (HT40))





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

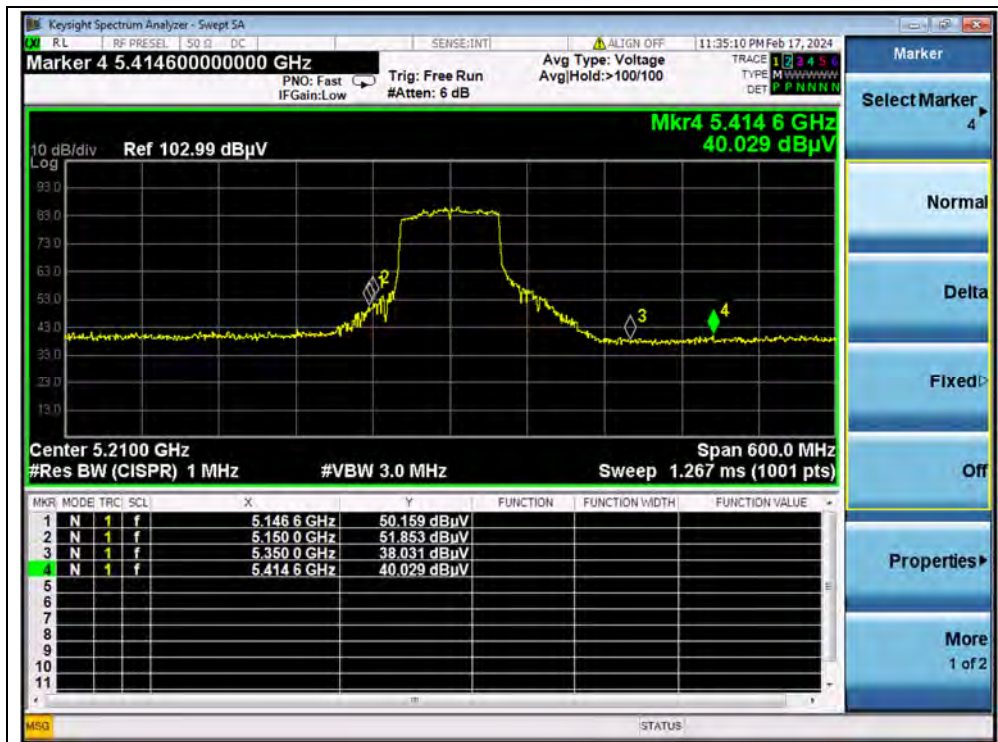


(PEAK, Channel 159, 802.11n (HT40))



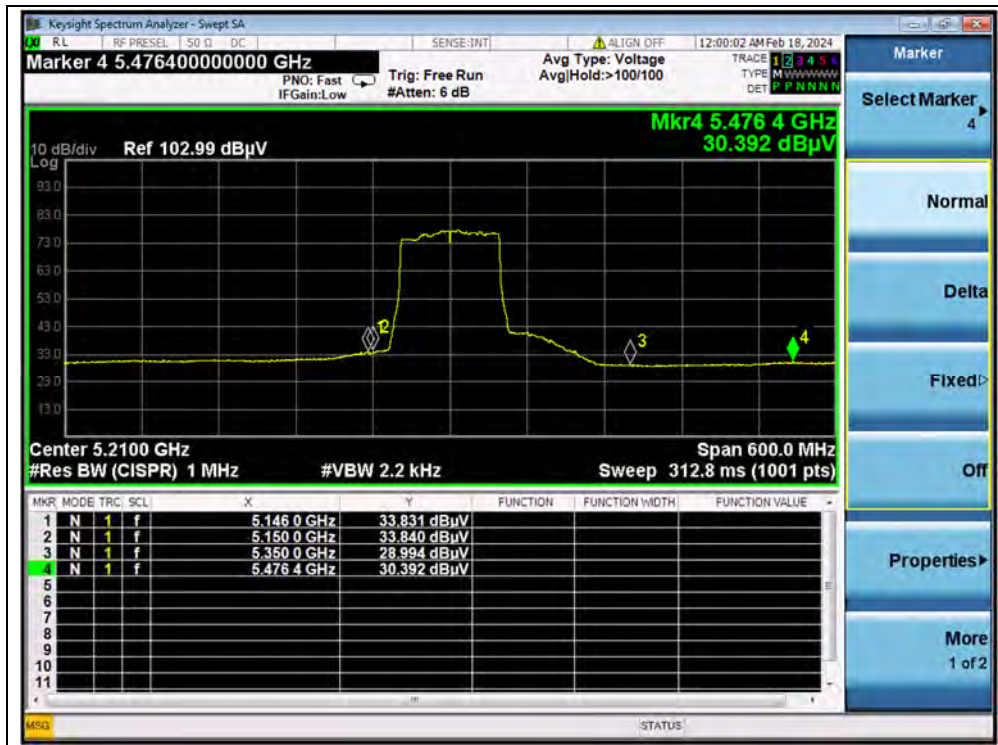
802.11ac (VHT80) Mode

Channel	Frequency (MHz)	Detector	Receiver Reading $U_R$ (dB $\mu$ V)	$A_T$ (dB)	$A_{Factor}$ (dB@3m)	Max. Emission E (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Verdict
		PK/ AV						
42	5150.00	PK	51.85	-19.54	32.20	64.51	74	PASS
42	5150.00	AV	33.84	-19.54	32.20	46.50	54	PASS
58	5350.00	PK	56.48	-18.80	32.20	69.88	74	PASS
58	5350.00	AV	36.37	-18.80	32.20	49.77	54	PASS
106	5458.98	PK	51.30	-19.20	32.20	64.30	74	PASS
106	5460.00	AV	32.43	-19.20	32.20	45.43	54	PASS
138	5727.39	PK	45.29	-19.20	32.20	58.29	68.23	PASS
155	5720.00	PK	58.13	-19.01	32.20	71.32	110.83	PASS
155	5850.00	PK	54.58	-19.01	32.20	67.77	122.23	PASS

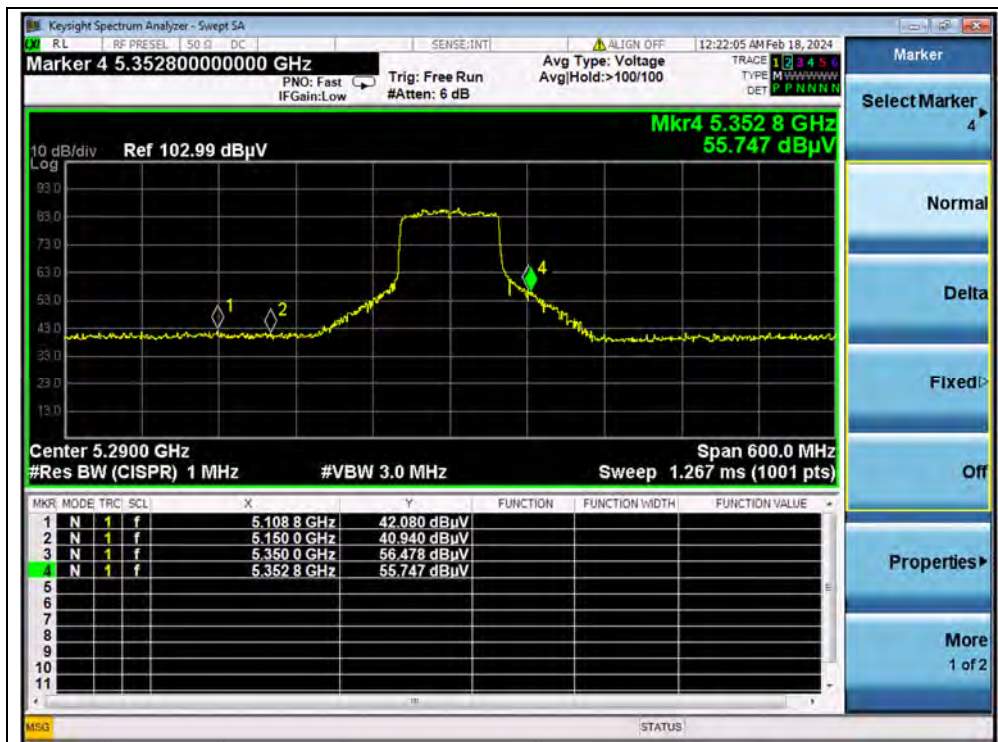


(PEAK, Channel 42, 802.11ac (VHT80))

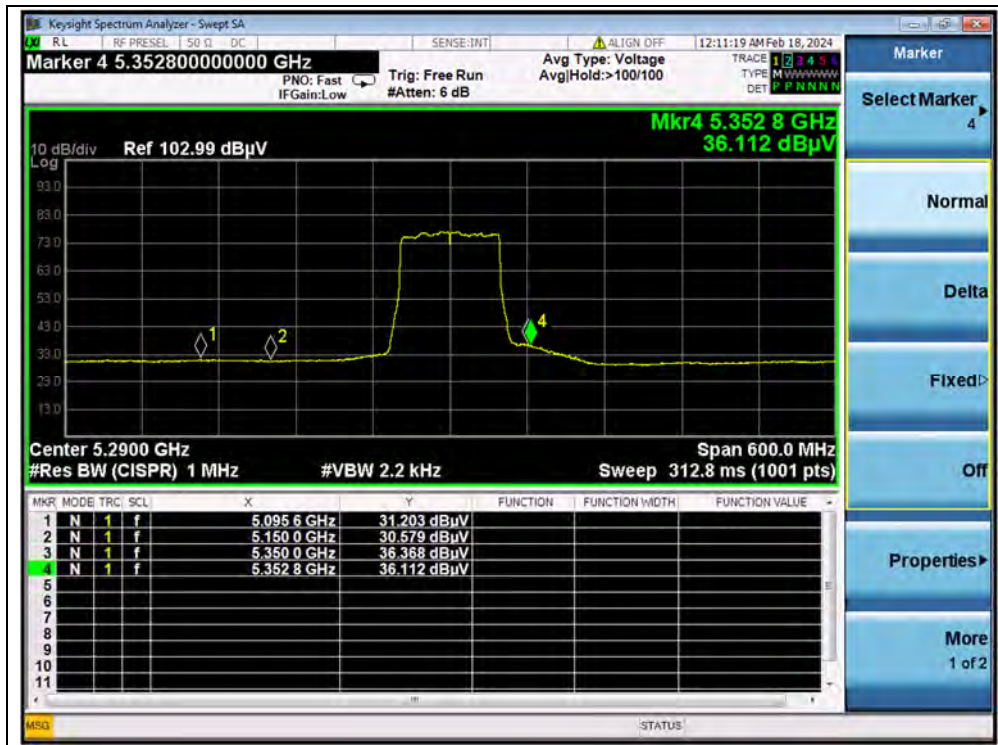




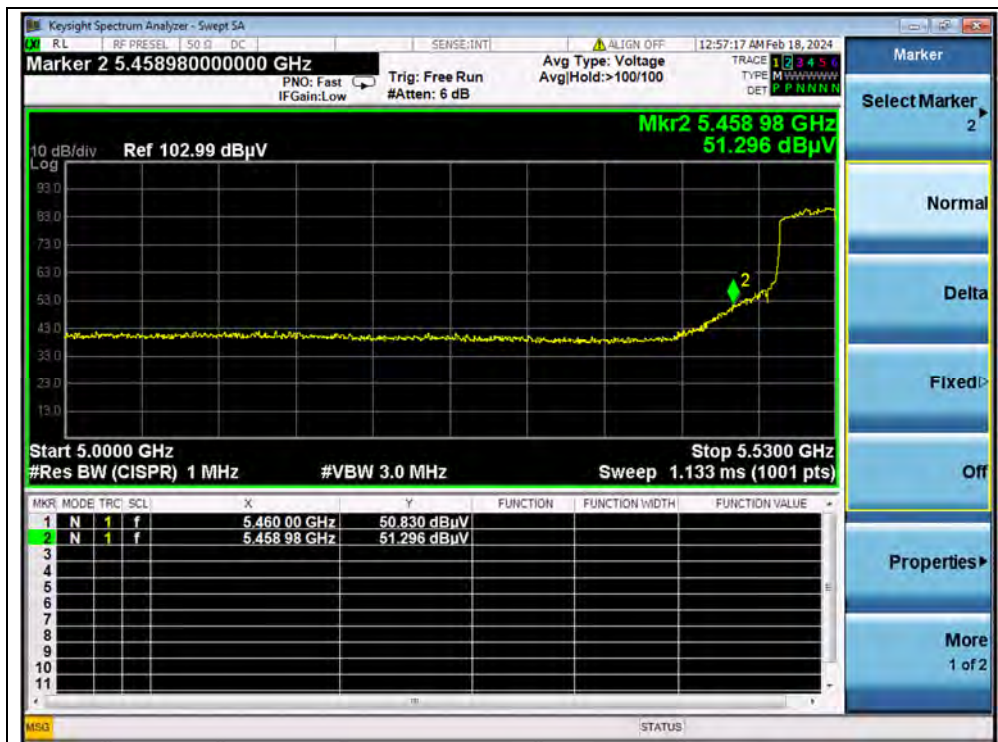
(AVERAGE, Channel 42, 802.11ac (VHT80))



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

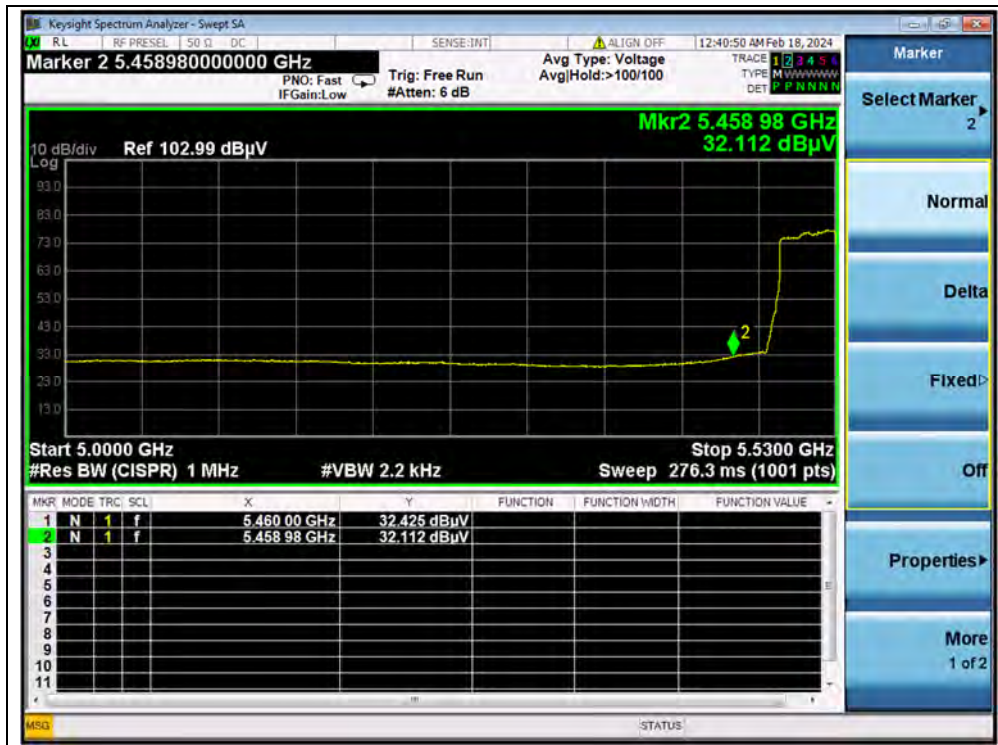


(AVERAGE, Channel 58, 802.11ac (VHT80))

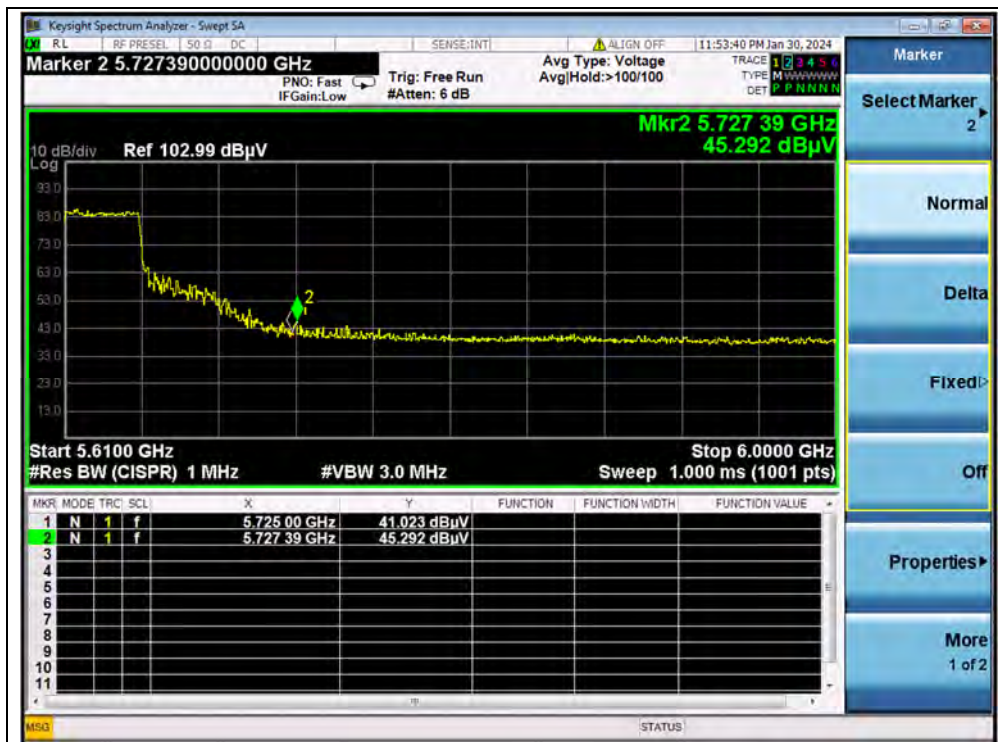


(PEAK, Channel 106, 802.11ac (VHT80))





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



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



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



### A.9. Radiated Emission

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

$G_{\text{preamp}}$ : Preamplifier Gain

$A_{\text{Factor}}$ : Antenna Factor at 3m

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

**Note1:** 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.

**Note2:** 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.

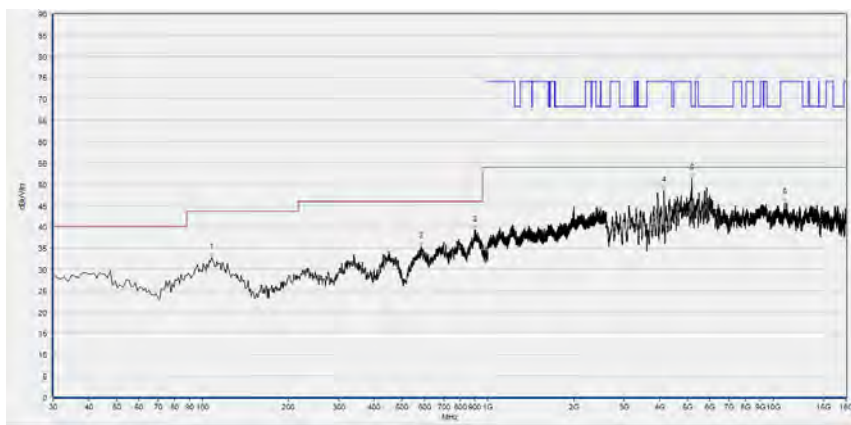
**Note3:** For the frequency, which started from 18GHz to 40G harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

**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.



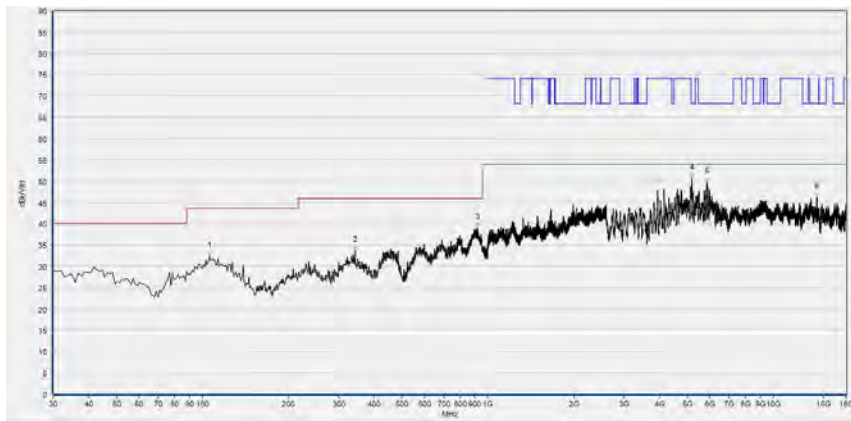
**802.11a Mode**

**Plot for Channel 36**



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
107.678	32.74	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
582.482	35.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
899.990	39.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4143.389	48.45	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5184.637	51.27	N/A	N/A	68.23	N/A	N/A	Horizontal	N/A
10973.115	45.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

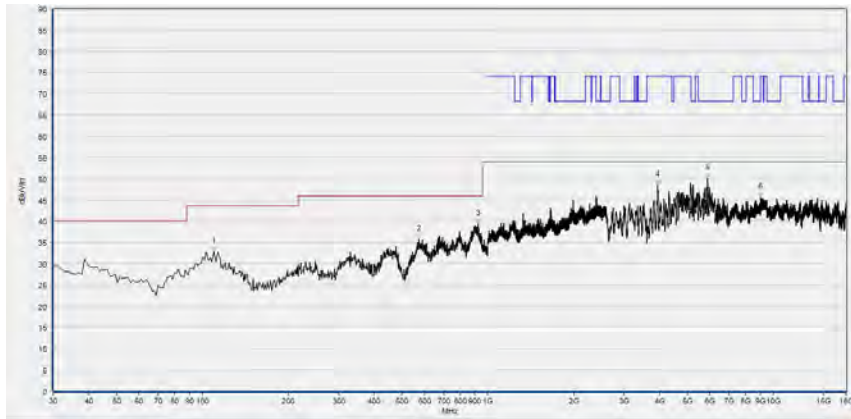
(Antenna Horizontal, 30MHz to 18GHz)



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	32.37	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
342.653	33.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
920.380	38.97	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5187.718	50.67	N/A	N/A	68.23	N/A	N/A	Vertical	N/A
5834.647	49.69	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14189.278	46.23	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

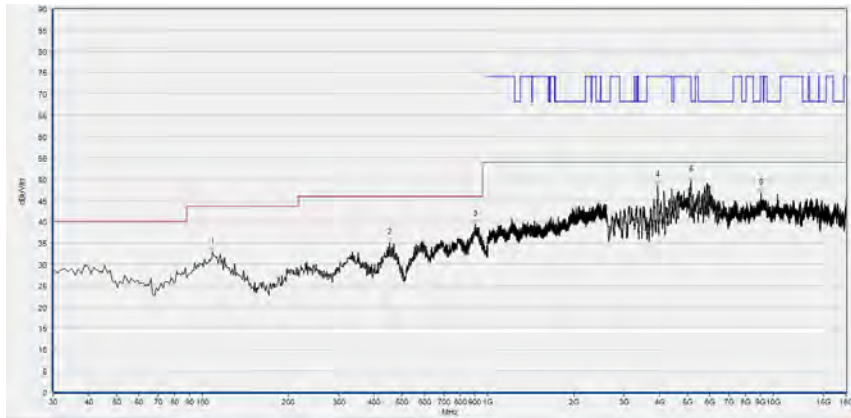
(Antenna Vertical, 30MHz to 18GHz)

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
109.620	32.77	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
572.773	35.78	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
923.293	39.35	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3936.987	48.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5896.259	50.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9038.488	45.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

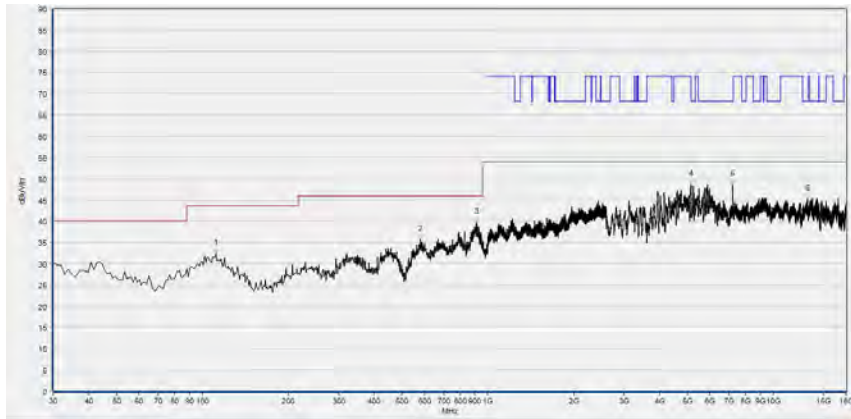
(Antenna Horizontal, 30MHz to 18GHz)



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
108.649	32.87	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
452.372	35.05	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
905.816	39.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3940.068	48.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5141.508	49.82	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
9081.616	46.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

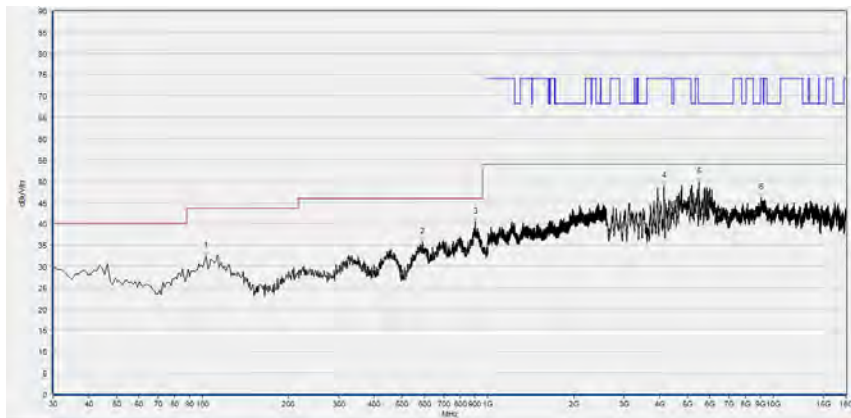
(Antenna Vertical, 30MHz to 18GHz)

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
111.562	32.42	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
581.512	35.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
916.496	39.75	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5144.589	48.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7217.844	48.56	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13154.191	45.31	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

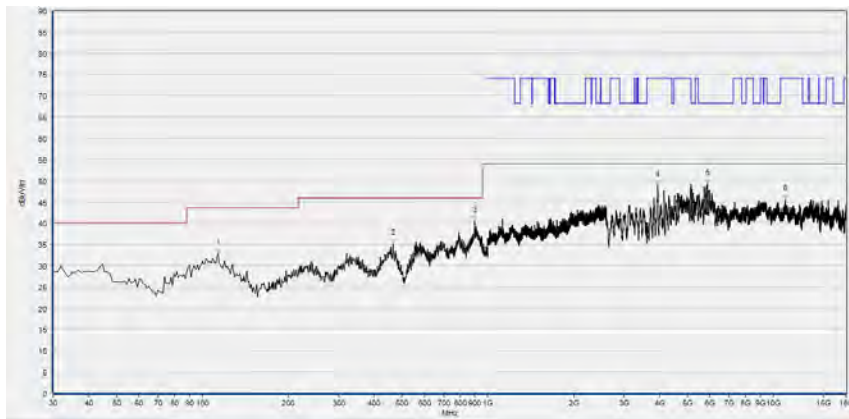
(Antenna Horizontal, 30MHz to 18GHz)



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
102.823	32.29	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
589.279	35.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.932	40.39	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4143.389	48.75	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5486.537	49.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9066.213	46.05	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

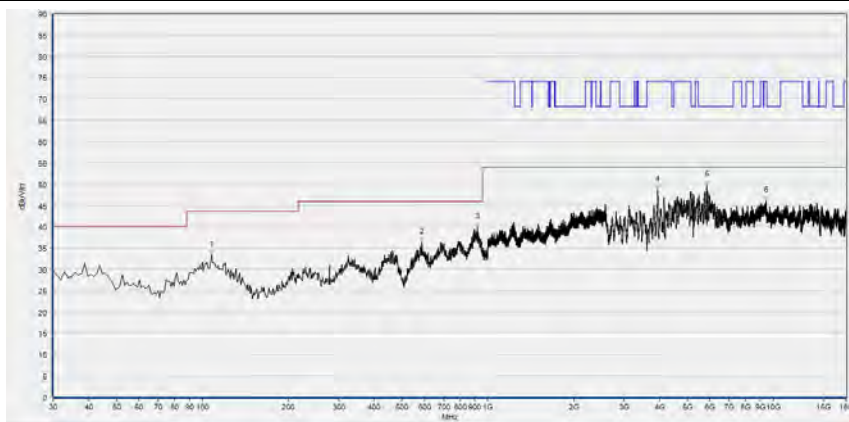
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 52



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
113.504	32.85	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
464.995	35.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
899.990	40.59	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3940.068	48.87	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5893.179	49.23	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11013.163	45.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

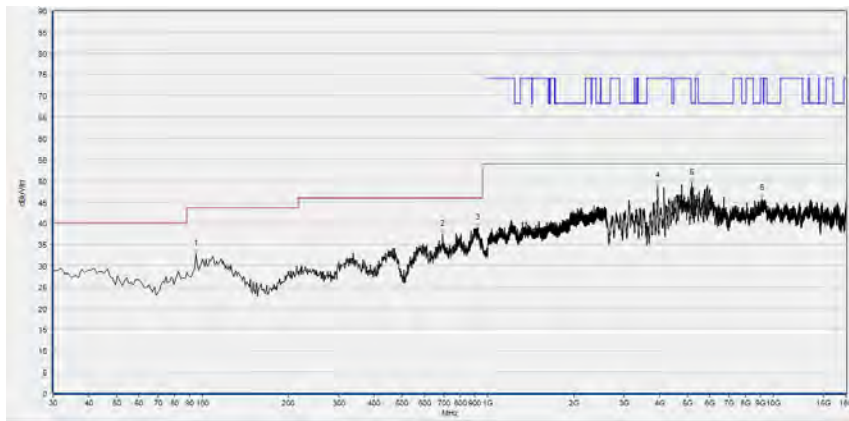
(Antenna Horizontal, 30MHz to 18GHz)



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
107.678	33.43	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
588.308	36.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
919.409	39.91	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3933.907	48.60	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5834.647	49.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9429.726	46.06	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

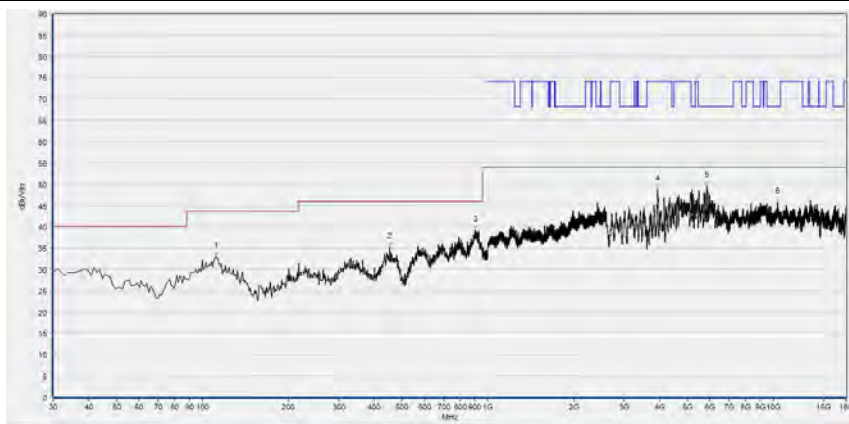
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 60



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
95.055	32.60	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
695.115	37.41	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
918.438	38.90	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3936.987	48.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5187.718	49.52	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9106.261	45.67	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

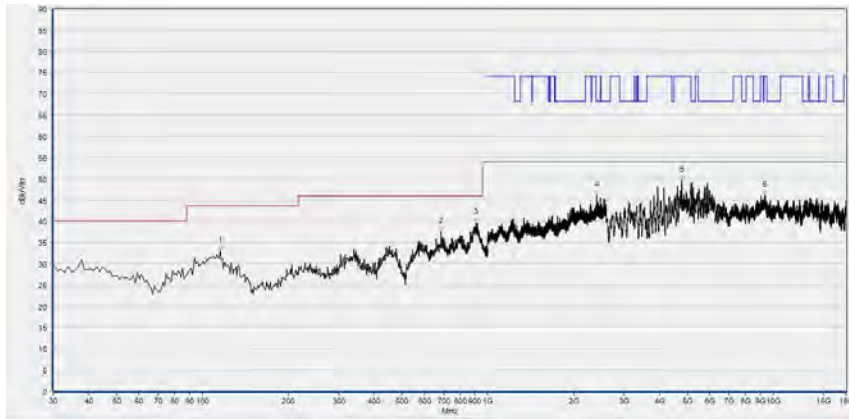


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.562	32.99	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
453.343	35.17	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
901.932	39.17	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3936.987	48.71	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5837.728	49.56	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10344.669	45.81	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

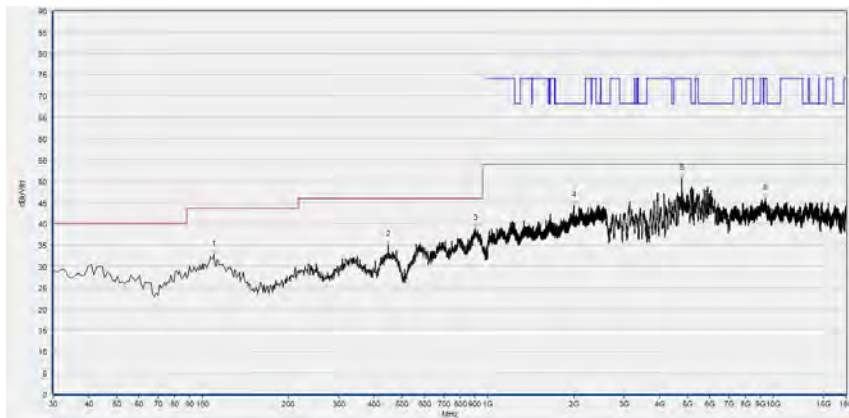


Plot for Channel 64



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	32.97	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
686.376	37.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
908.729	39.48	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2403.134	46.03	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4777.996	49.61	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9334.227	46.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

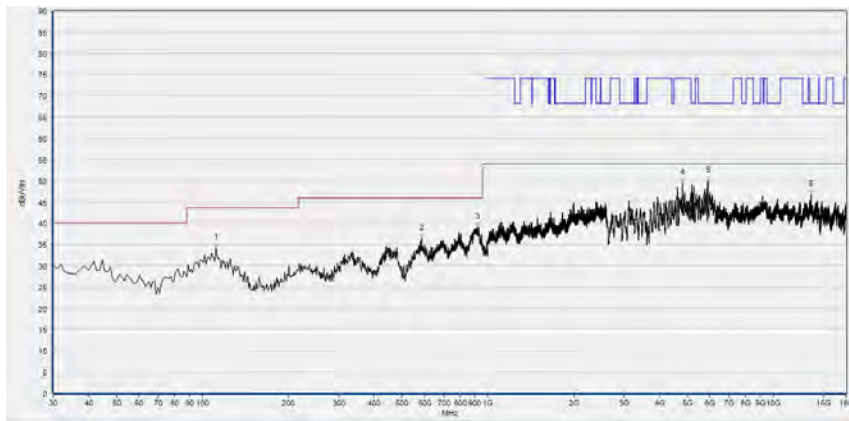
(Antenna Horizontal, 30MHz to 18GHz)



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
109.620	32.72	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
448.488	35.02	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.845	38.85	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1997.666	44.28	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4781.076	50.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
9392.759	45.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

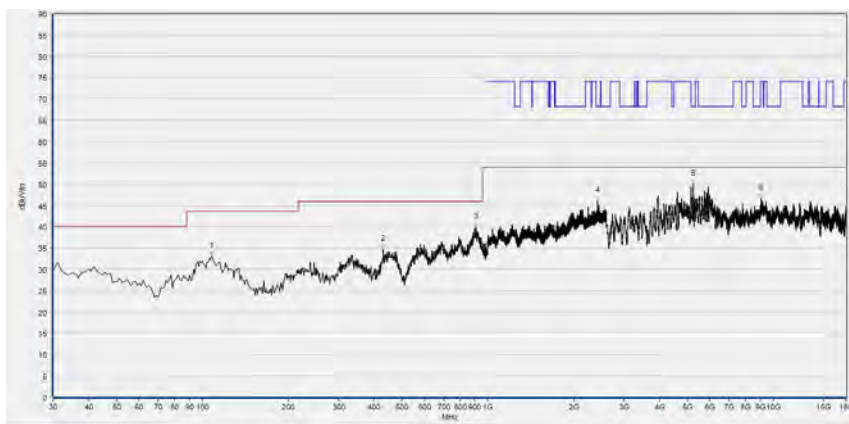
(Antenna Vertical, 30MHz to 18GHz)

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
111.562	34.17	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
586.366	36.33	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
919.409	39.10	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4799.560	49.42	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5902.420	49.89	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13573.155	46.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

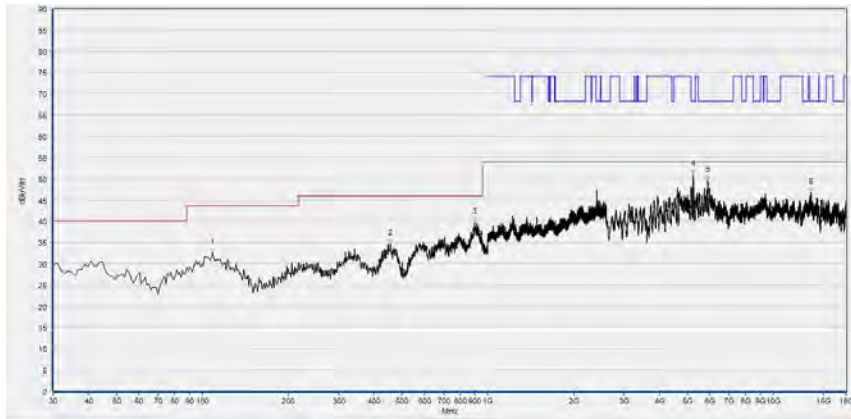
(Antenna Horizontal, 30MHz to 18GHz)



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
107.678	32.99	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
431.011	34.75	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
908.729	39.95	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2425.008	46.05	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5252.410	49.95	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9081.616	46.54	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

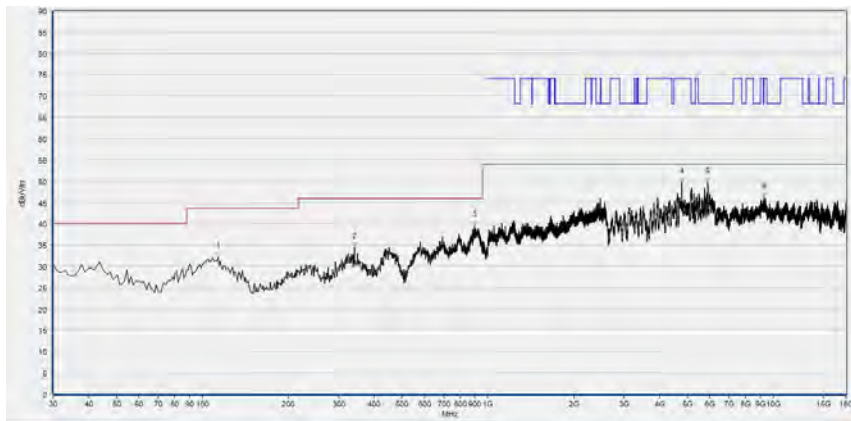
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 120



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
108.649	32.44	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
456.256	34.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
898.048	39.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5252.410	50.95	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5899.340	49.57	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13566.993	46.84	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

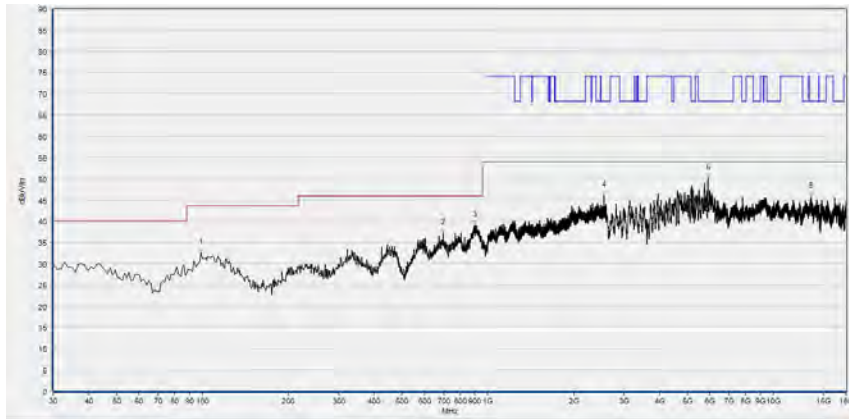
(Antenna Horizontal, 30MHz to 18GHz)



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
113.504	32.19	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
340.711	34.56	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
899.990	39.62	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4777.996	49.80	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5899.340	49.74	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9278.776	46.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

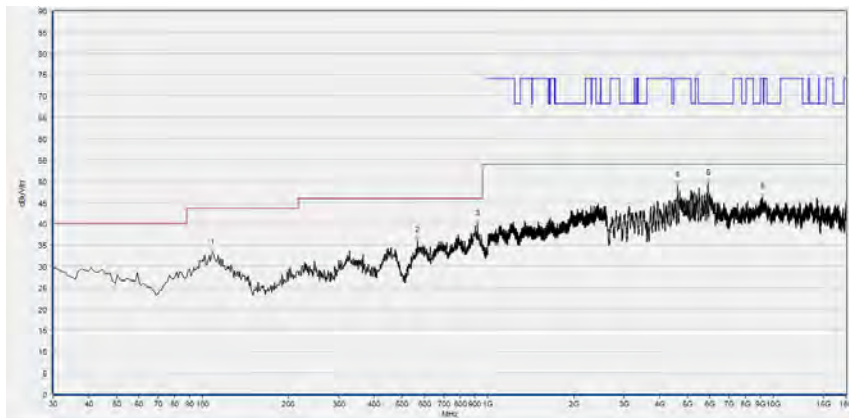
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 144



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
98.939	32.57	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
697.057	37.23	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
897.077	39.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2548.783	46.06	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5902.420	50.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13548.510	45.69	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

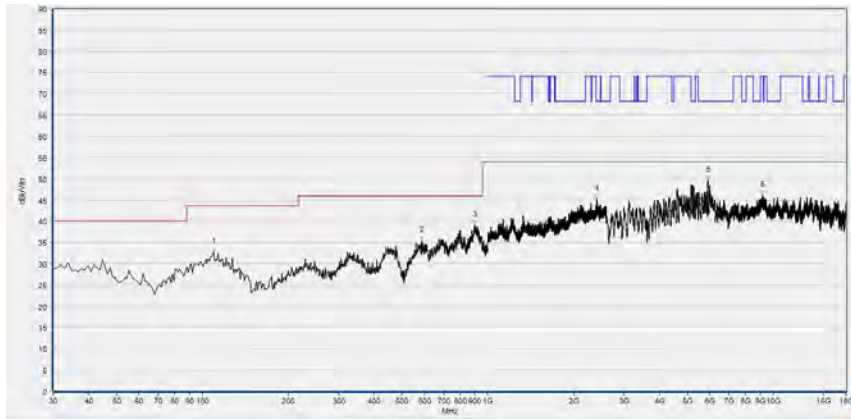


Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
108.649	33.23	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
566.947	35.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
918.438	39.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4623.965	48.93	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5902.420	49.50	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9161.712	46.24	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

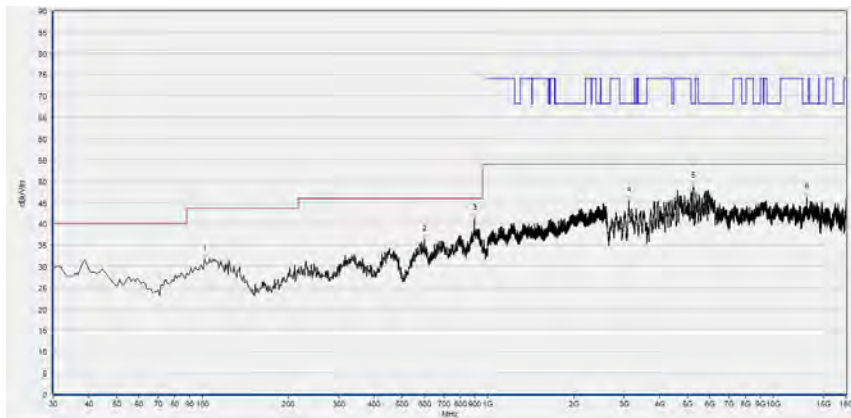


Plot for Channel 149



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
109.620	32.69	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
587.337	35.43	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
900.961	39.01	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2404.735	45.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5902.420	49.61	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9170.954	46.15	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

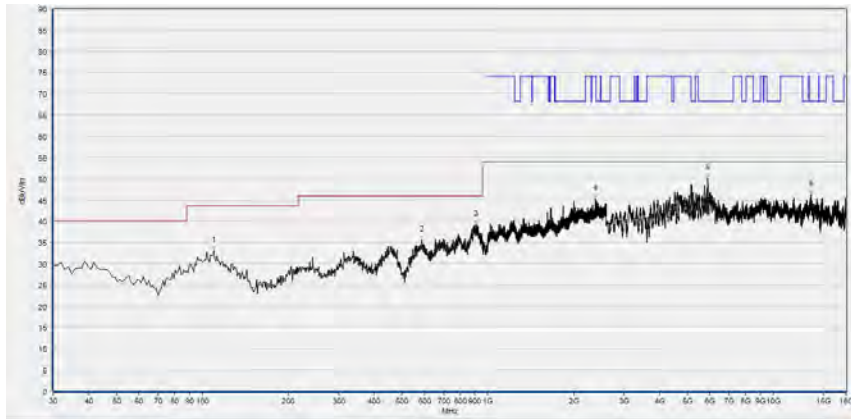
(Antenna Horizontal, 30MHz to 18GHz)



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
101.852	31.61	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
598.989	36.45	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
897.077	41.20	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3123.705	45.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5252.410	48.79	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13138.788	46.24	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

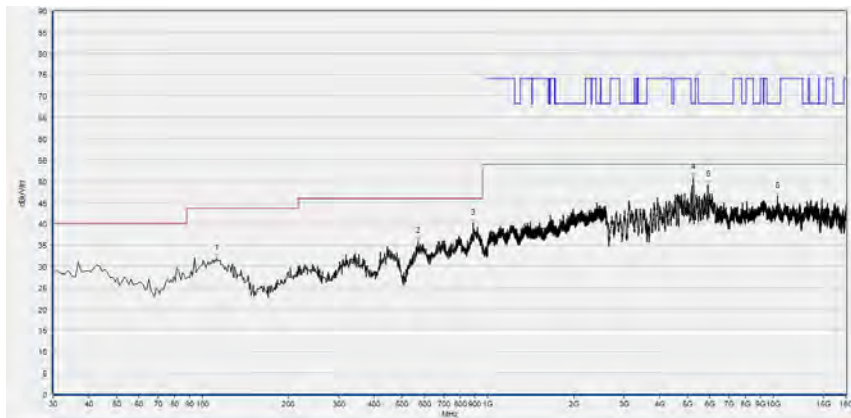
(Antenna Vertical, 30MHz to 18GHz)

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
109.620	32.99	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
587.337	35.60	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
910.671	39.28	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2383.394	45.29	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5899.340	50.15	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13579.316	46.27	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

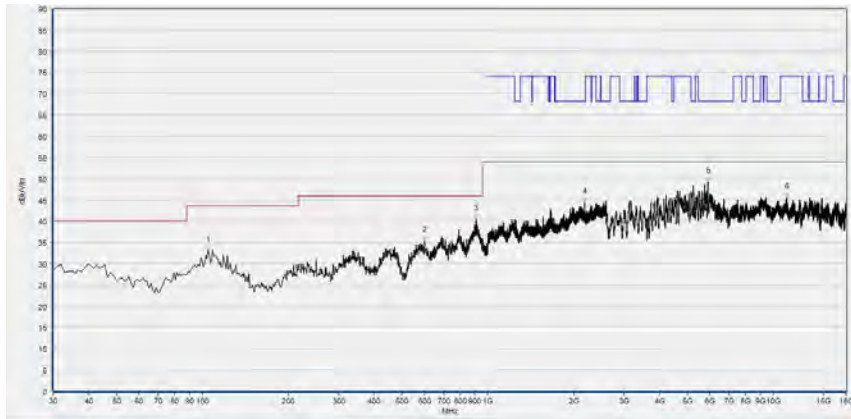
(Antenna Horizontal, 30MHz to 18GHz)



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
112.533	31.76	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
569.860	35.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
889.309	40.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5258.572	50.80	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5902.420	49.16	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10360.072	46.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

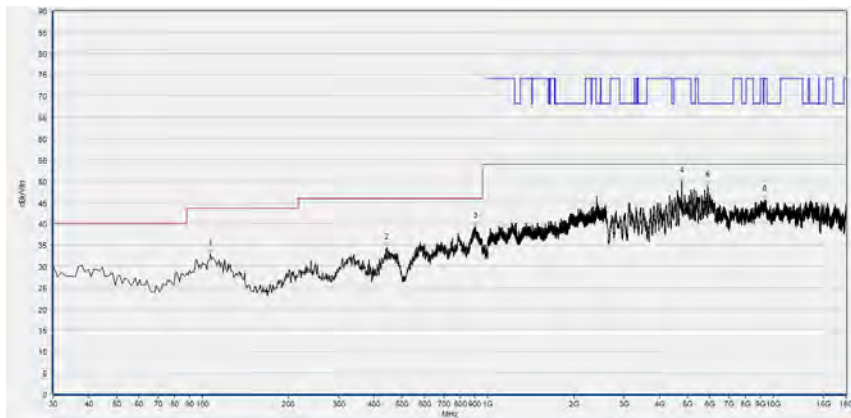
(Antenna Vertical, 30MHz to 18GHz)

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
104.765	33.16	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
600.931	35.37	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
911.642	40.48	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2186.529	44.36	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5902.420	49.32	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11142.549	45.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

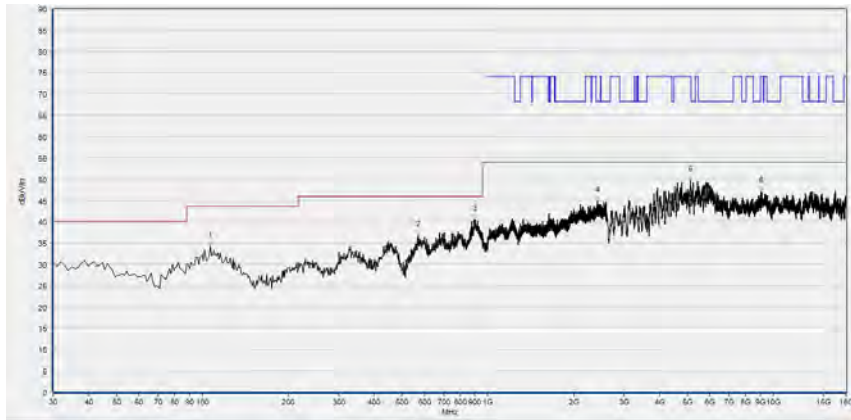


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.707	32.81	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
443.634	34.36	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
906.787	39.38	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4781.076	50.00	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5899.340	48.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9340.388	45.64	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

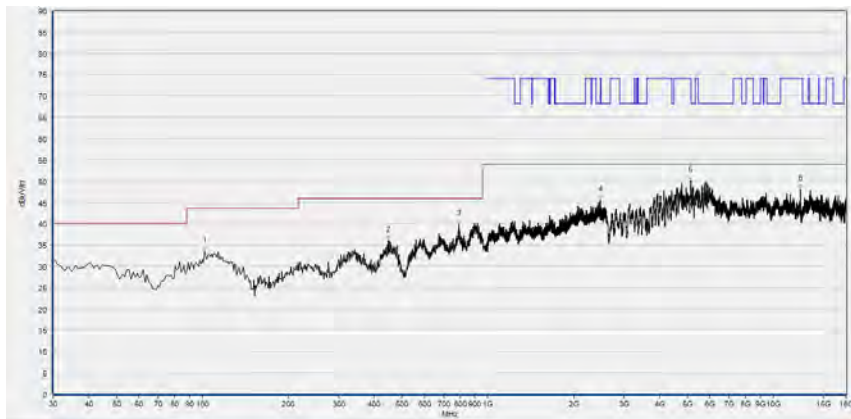
**802.11n (HT40) mode**

**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
106.707	34.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
570.831	36.83	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
899.990	40.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2427.142	44.91	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5135.347	49.79	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9087.778	47.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

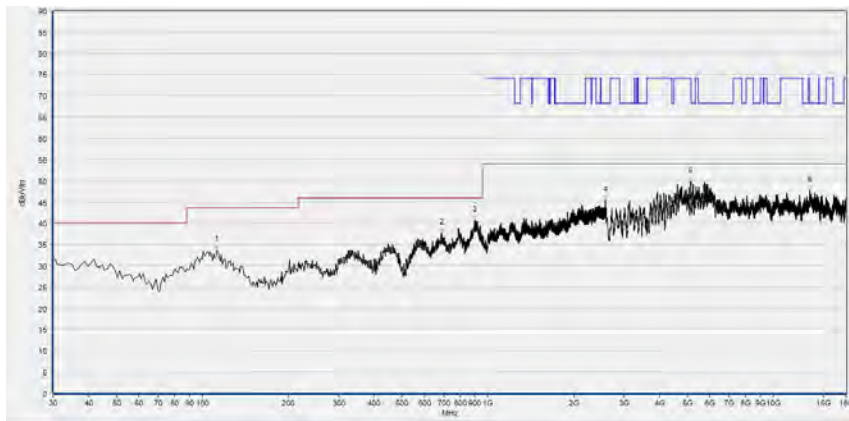


Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
101.852	33.45	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
448.488	36.03	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
790.270	39.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2475.158	45.67	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5138.428	50.15	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12417.924	48.13	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

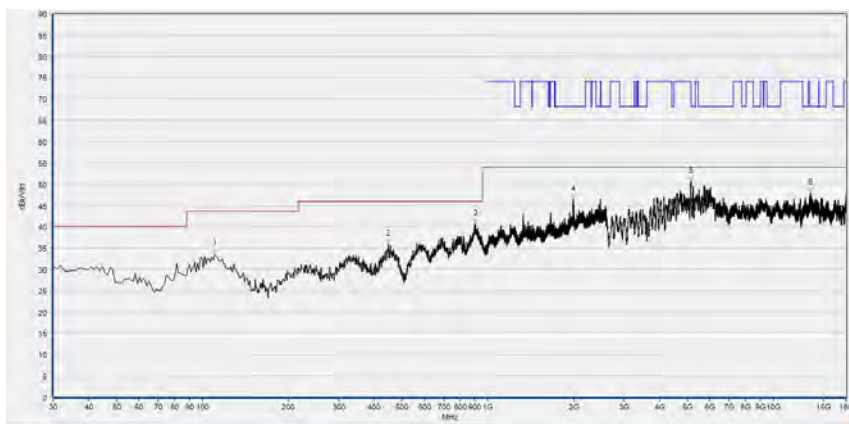


Plot for Channel 46



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
112.533	33.72	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
688.318	37.78	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
898.048	40.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2586.662	45.45	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5138.428	49.78	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13416.043	47.83	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

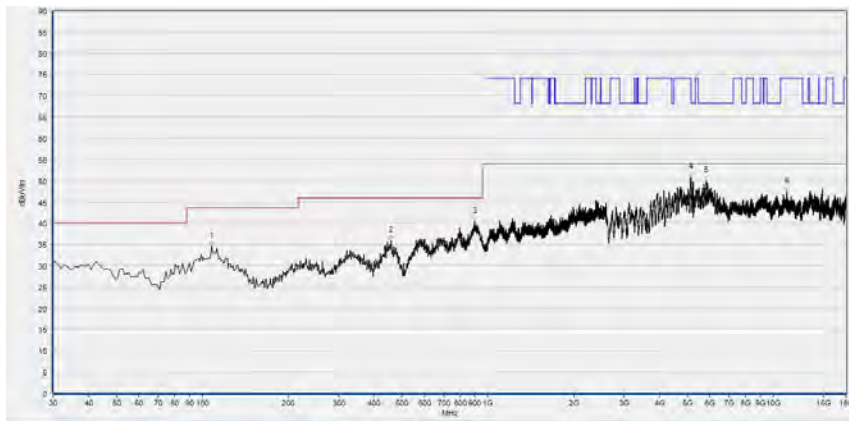
(Antenna Horizontal, 30MHz to 18GHz)



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
110.591	33.50	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
448.488	35.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.845	40.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1992.864	46.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5153.831	50.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13511.542	47.92	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

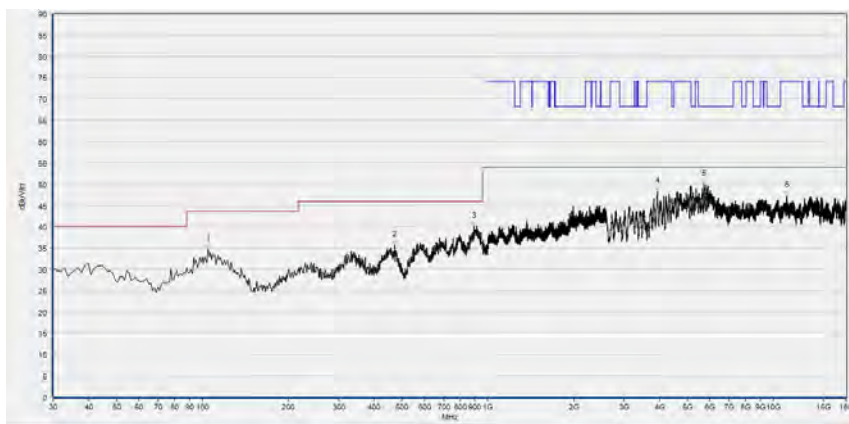
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 54



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
107.678	34.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
459.169	35.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
897.077	40.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5141.508	50.84	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5828.486	49.88	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11154.871	47.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

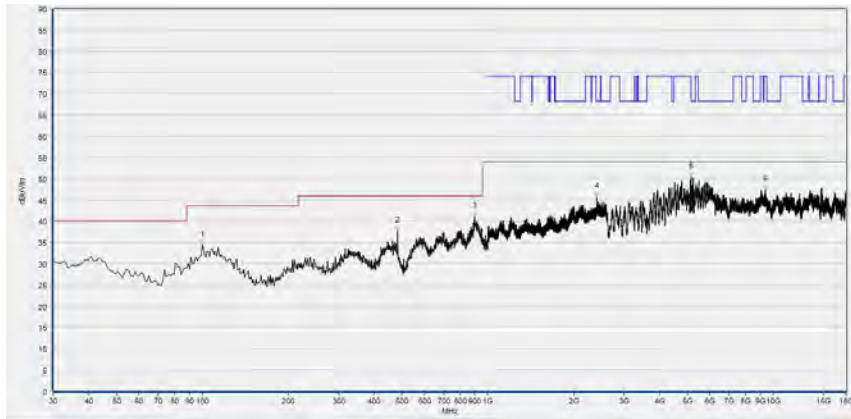
(Antenna Horizontal, 30MHz to 18GHz)



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	34.62	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
471.792	35.63	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
894.164	39.99	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
3930.826	48.33	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5732.987	50.02	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11182.597	47.27	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

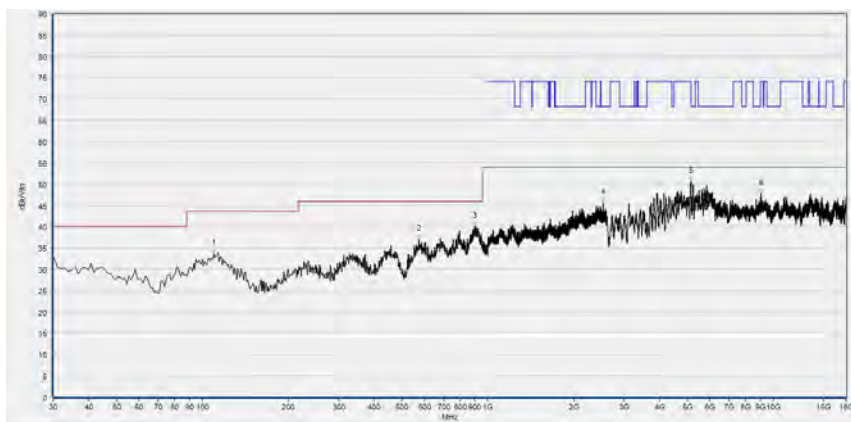
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 62



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
99.910	34.34	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
483.443	37.74	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
898.048	41.08	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2403.134	45.81	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5141.508	50.38	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9405.081	47.43	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

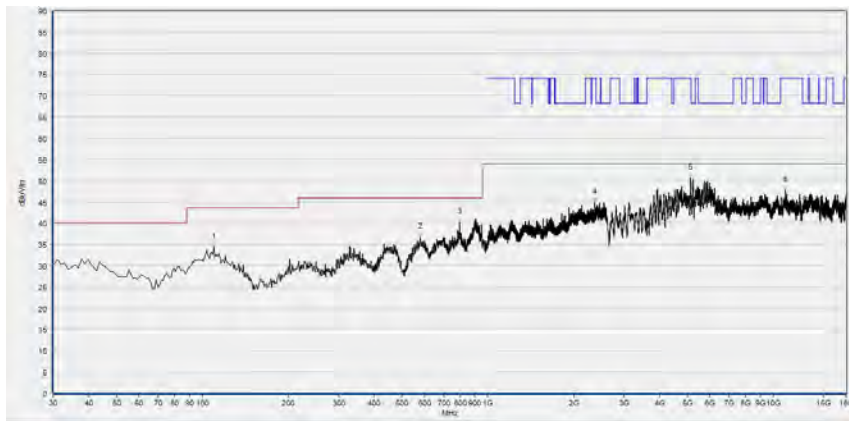
(Antenna Horizontal, 30MHz to 18GHz)



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
109.620	33.71	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
572.773	37.09	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
900.961	40.11	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2540.247	45.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5150.750	50.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9081.616	47.82	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

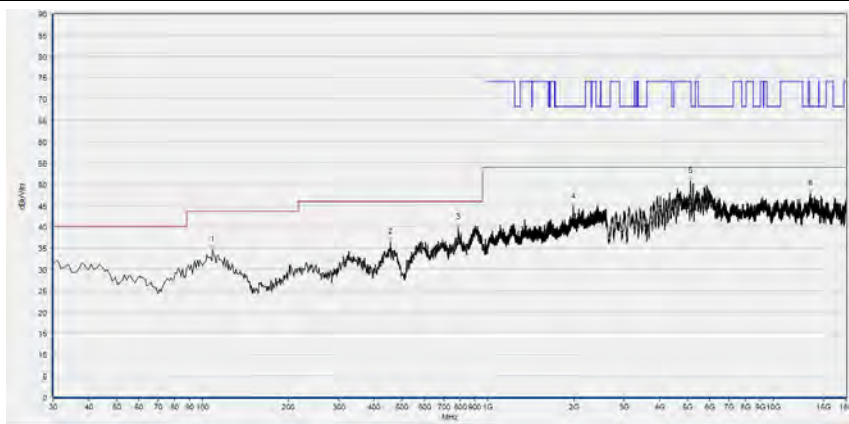
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 102



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
109.620	34.31	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
578.599	36.72	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
797.067	40.28	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2368.456	44.84	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5138.428	50.69	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11010.082	47.72	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

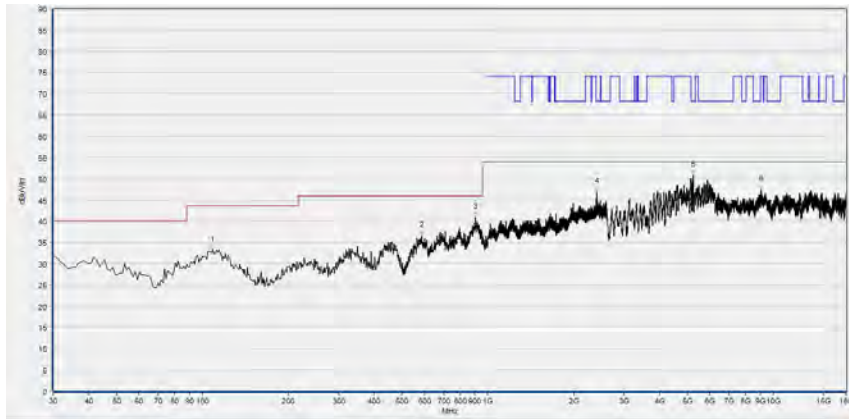


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.649	34.48	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
456.256	36.38	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
788.328	39.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1991.797	44.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5138.428	50.61	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13483.817	47.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

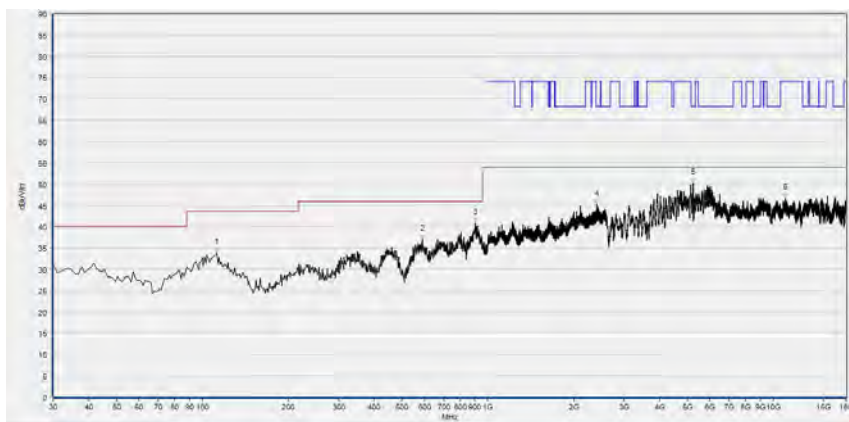


Plot for Channel 126



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
108.649	33.14	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
586.366	36.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
903.874	40.84	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2402.601	46.90	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5249.330	50.86	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9072.374	47.44	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

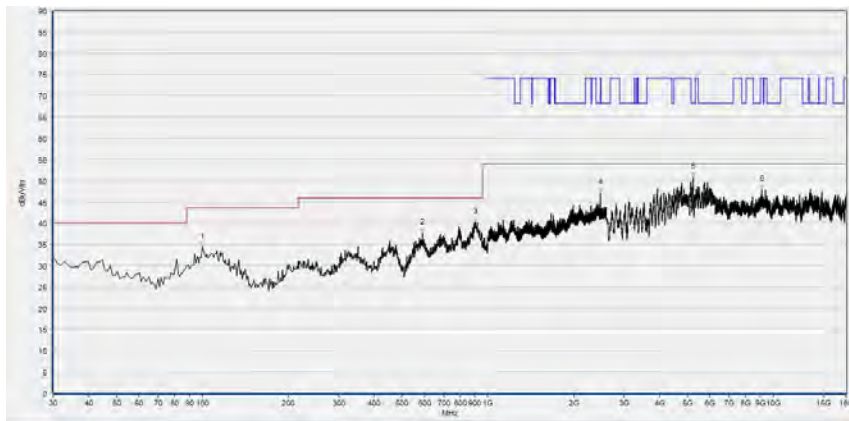
(Antenna Horizontal, 30MHz to 18GHz)



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
112.533	33.89	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
590.250	37.07	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
905.816	40.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2408.469	45.17	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5240.088	50.20	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11037.808	46.75	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

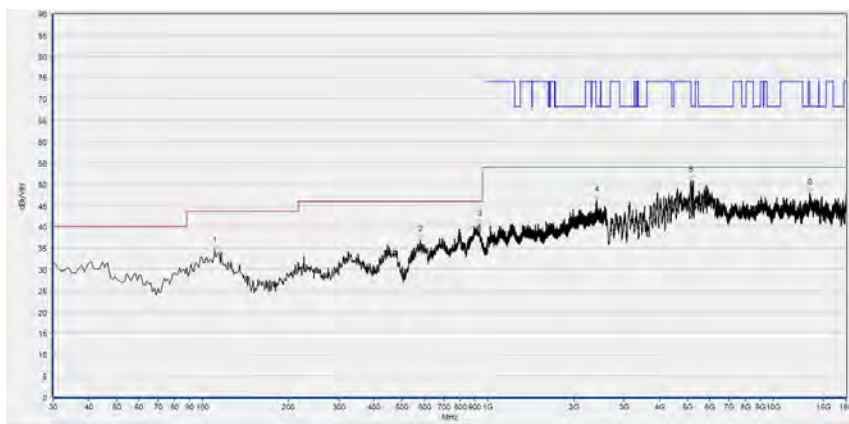
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 142



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
99.910	34.33	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
590.250	37.76	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
906.787	40.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2479.426	47.17	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5243.169	50.84	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9133.987	47.87	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

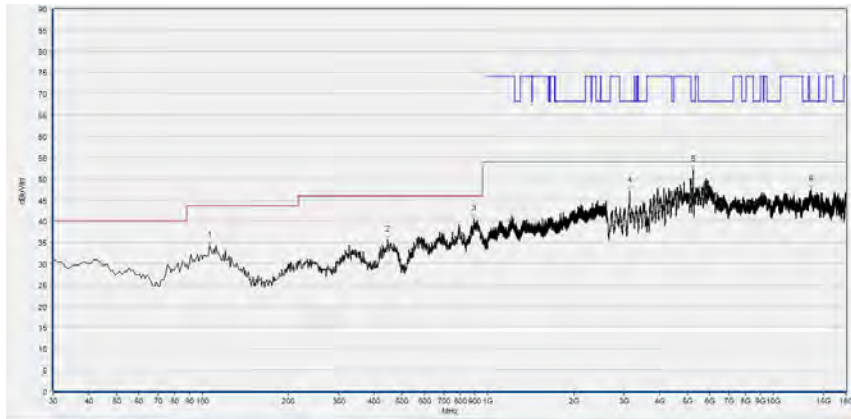
(Antenna Horizontal, 30MHz to 18GHz)



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
110.591	34.28	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
578.599	36.94	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
935.916	40.55	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2402.601	46.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5150.750	50.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13425.285	47.96	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

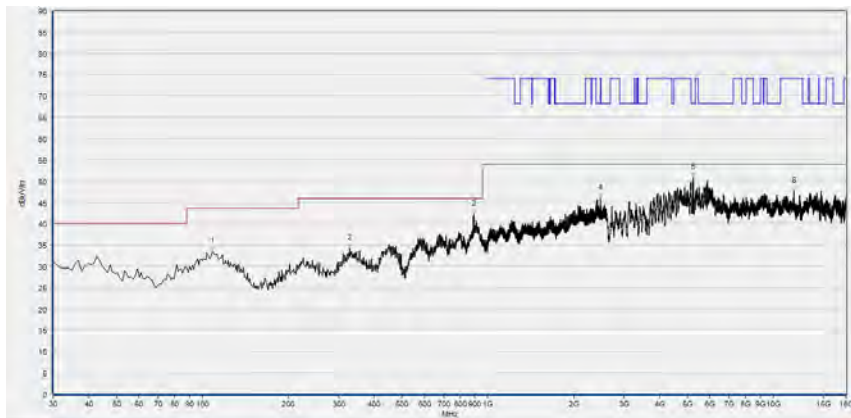
(Antenna Vertical, 30MHz to 18GHz)

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
105.736	34.21	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
445.576	35.49	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
894.164	40.57	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3136.027	47.02	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5249.330	52.16	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13600.880	47.39	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

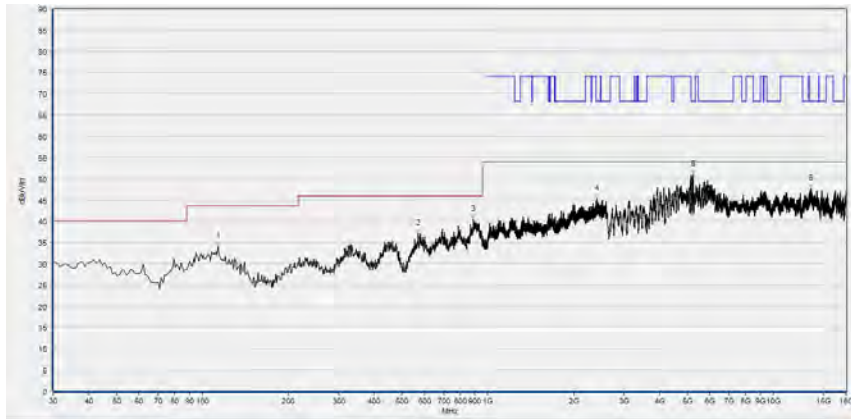
(Antenna Horizontal, 30MHz to 18GHz)



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
108.649	33.55	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
328.088	34.25	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.135	42.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2479.426	45.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5246.249	50.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11786.397	47.65	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

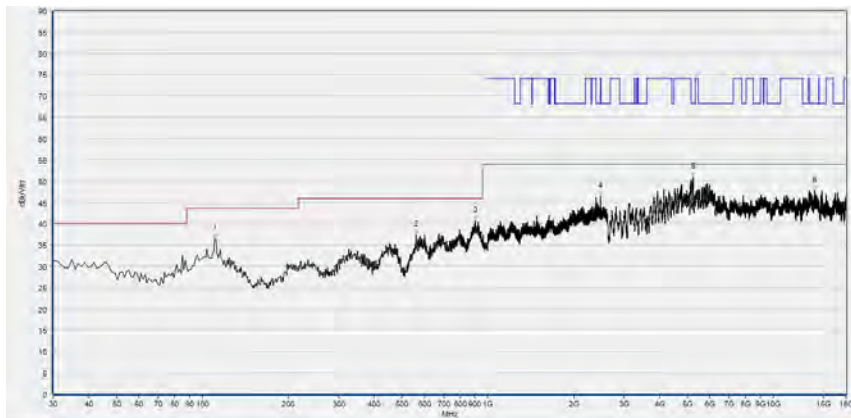
(Antenna Vertical, 30MHz to 18GHz)

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
113.504	33.98	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
568.889	36.99	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
891.251	40.39	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2407.936	45.17	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5249.330	50.94	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13588.558	47.58	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
110.591	36.56	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
562.092	37.37	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.845	40.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2479.960	46.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5249.330	50.95	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13952.070	47.82	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

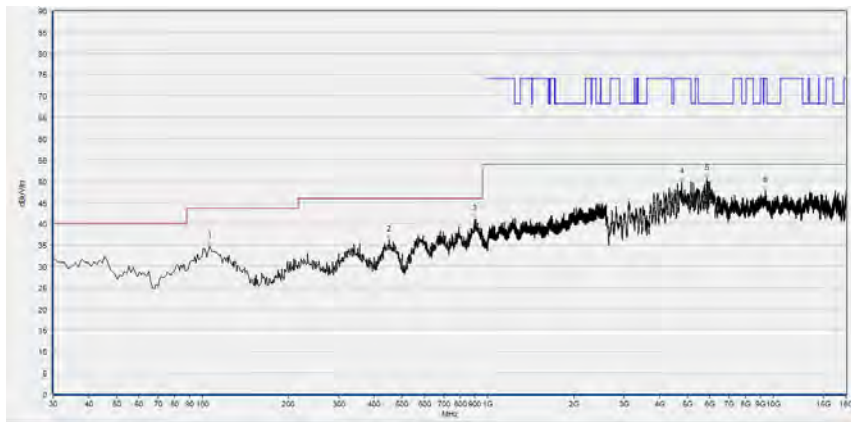
(Antenna Vertical, 30MHz to 18GHz)





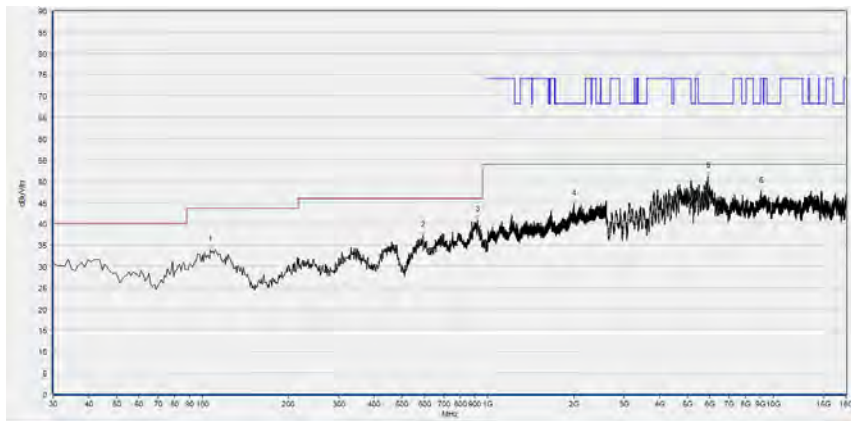
**802.11ac (VHT80) Mode**

**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
105.736	34.78	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
451.401	36.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
899.019	41.00	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4777.996	49.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5840.808	50.60	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9365.033	47.84	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

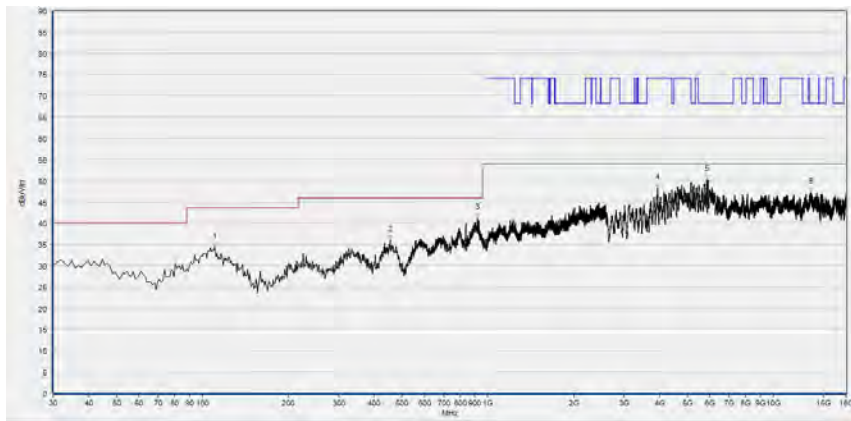
(Antenna Horizontal, 30MHz to 18GHz)



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
106.707	33.88	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
593.163	37.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
920.380	40.85	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1999.266	44.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5902.420	51.09	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9078.536	47.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

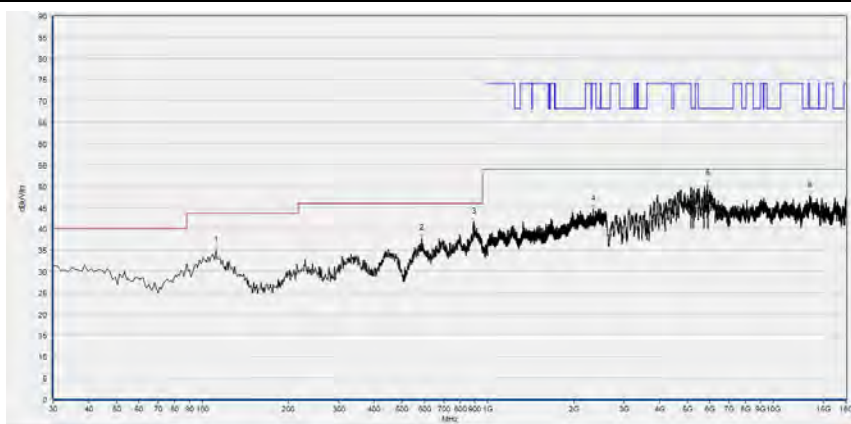
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 58



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
110.591	34.36	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
454.314	36.12	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
921.351	41.23	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
3933.907	48.31	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5837.728	50.24	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13588.558	47.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

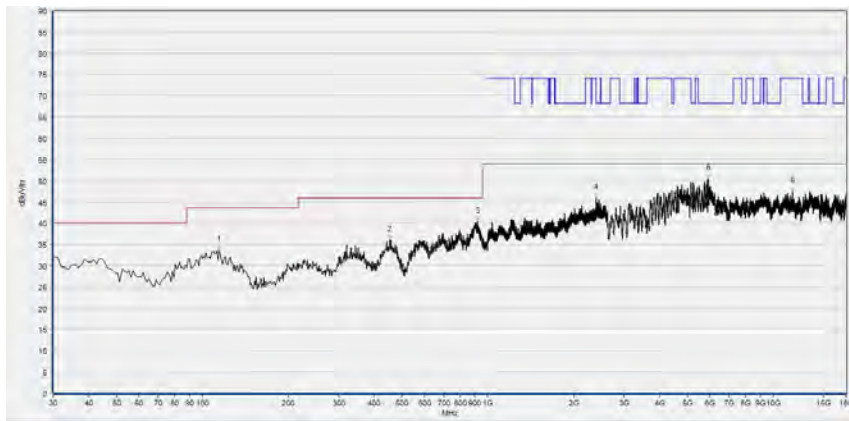
(Antenna Horizontal, 30MHz to 18GHz)



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	34.90	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
585.395	37.65	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
895.135	41.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2338.046	44.62	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5896.259	50.37	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13428.366	47.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

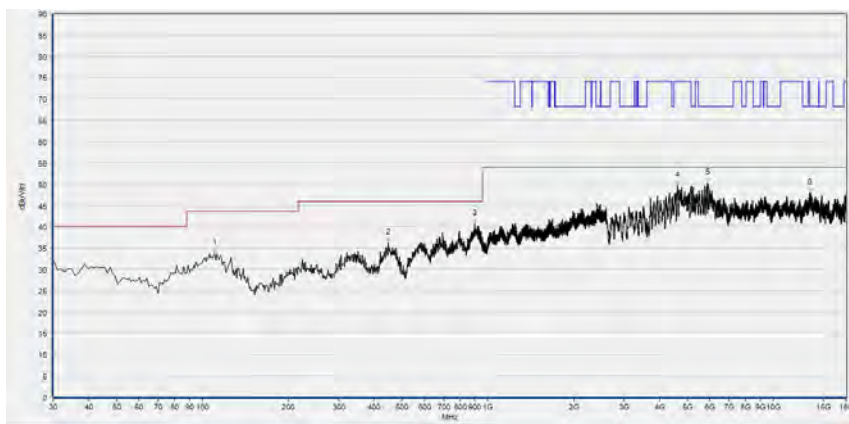
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 106



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
114.474	33.63	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
453.343	36.02	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
918.438	40.40	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2401.000	45.96	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5902.420	50.40	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11693.979	47.35	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

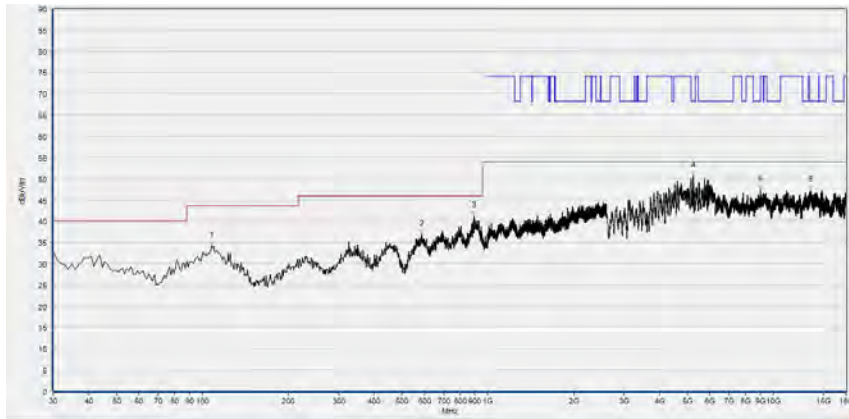
(Antenna Horizontal, 30MHz to 18GHz)



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
110.591	33.67	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
448.488	36.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
900.961	40.74	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4611.642	49.67	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5899.340	50.28	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13428.366	47.87	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

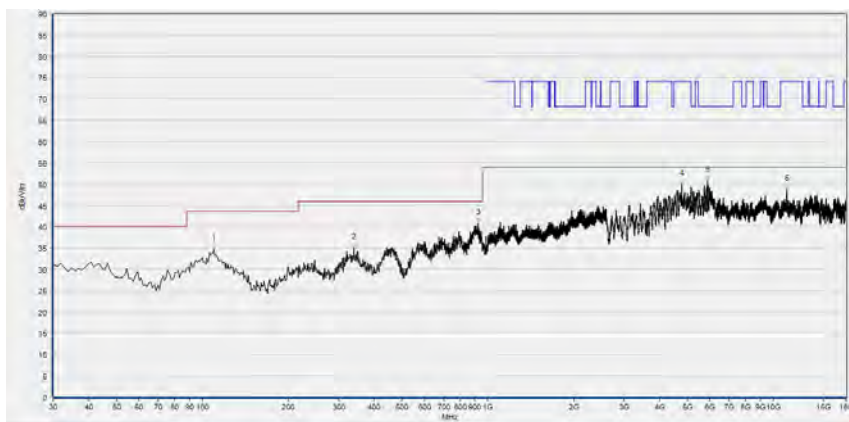
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 122



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
107.678	34.16	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
587.337	36.81	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
892.222	41.15	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
5249.330	50.64	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9035.407	47.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13483.817	47.29	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

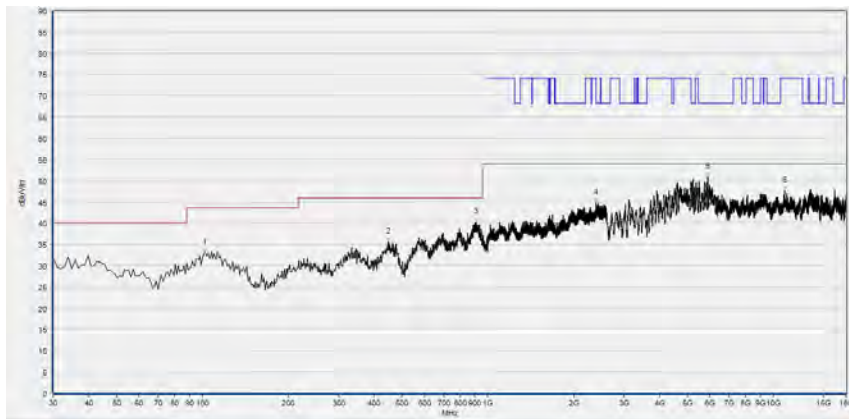


Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
109.620	34.68	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
338.769	35.02	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
923.293	40.90	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
4777.996	49.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5896.259	50.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11170.274	48.82	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

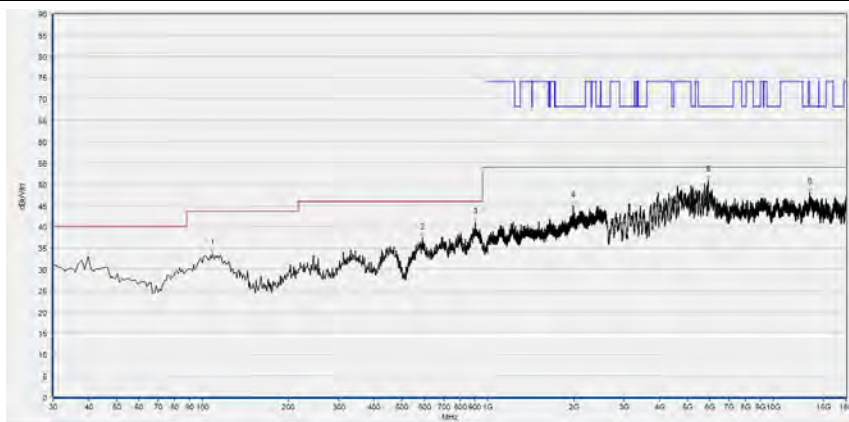


Plot for Channel 138



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
101.852	33.07	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
447.518	35.49	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
909.700	40.29	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2392.998	44.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5899.340	50.75	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10936.147	47.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

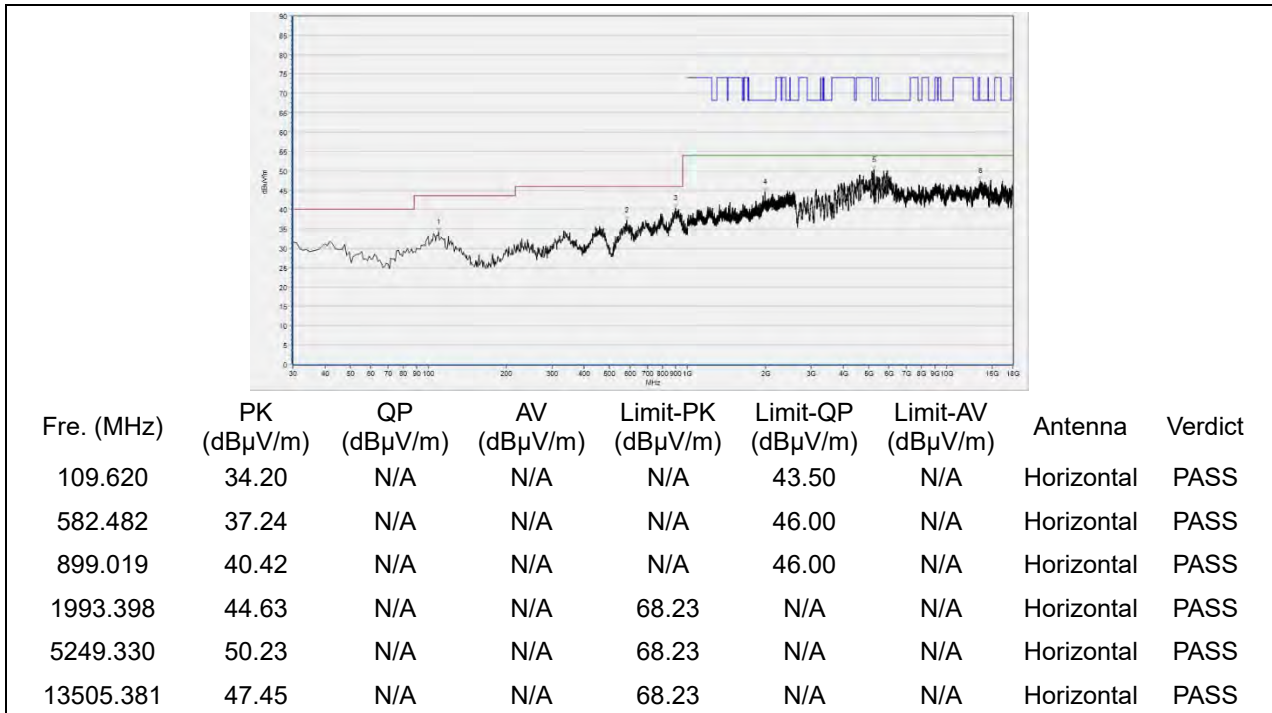
(Antenna Horizontal, 30MHz to 18GHz)



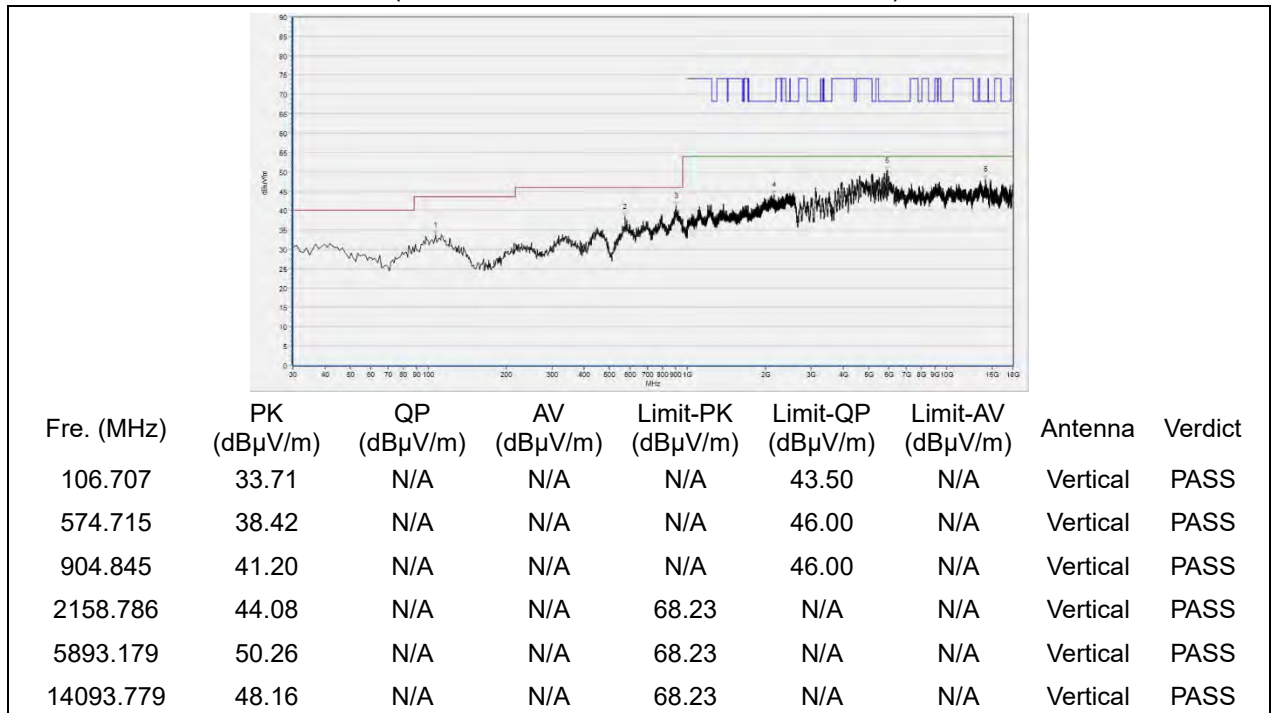
Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
108.649	33.72	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
590.250	37.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
904.845	41.13	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1990.730	44.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5902.420	50.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13416.043	48.09	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 155



(Antenna Horizontal, 30MHz to 18GHz)



(Antenna Vertical, 30MHz to 18GHz)

————— END OF REPORT —————