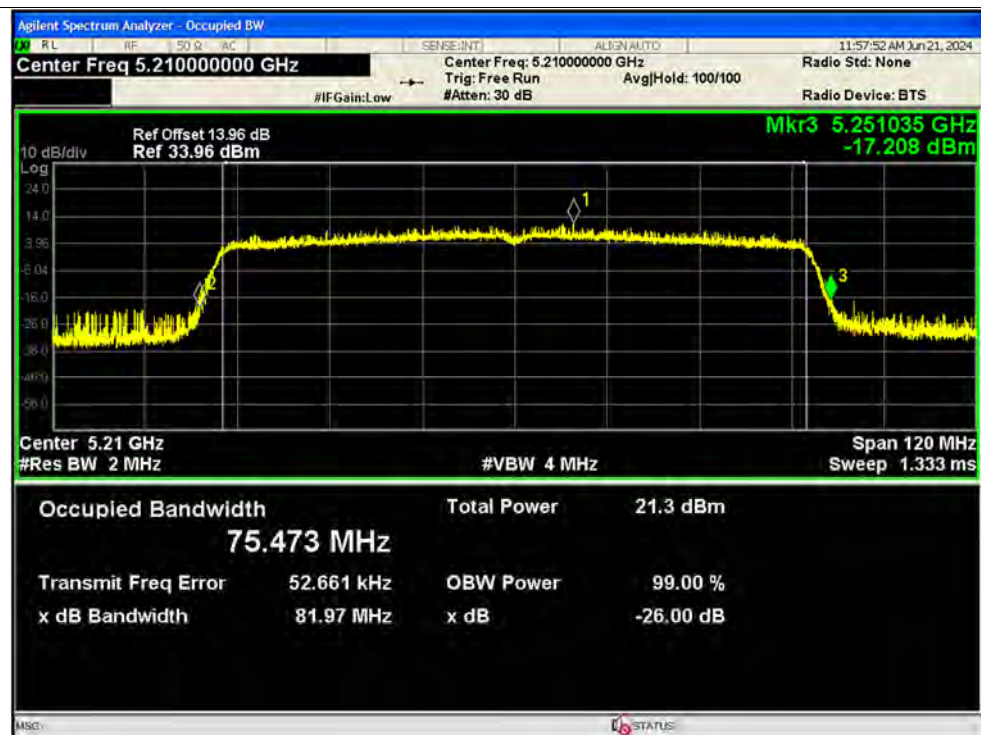




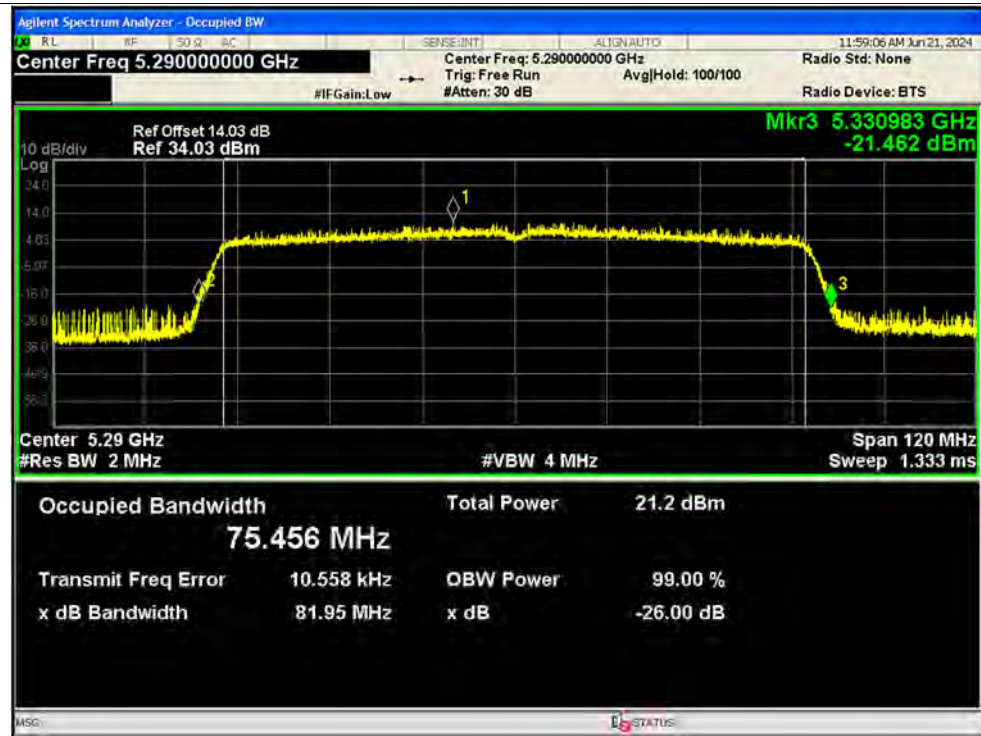
-26dB Bandwidth NVNT ac40 5710MHz Ant1



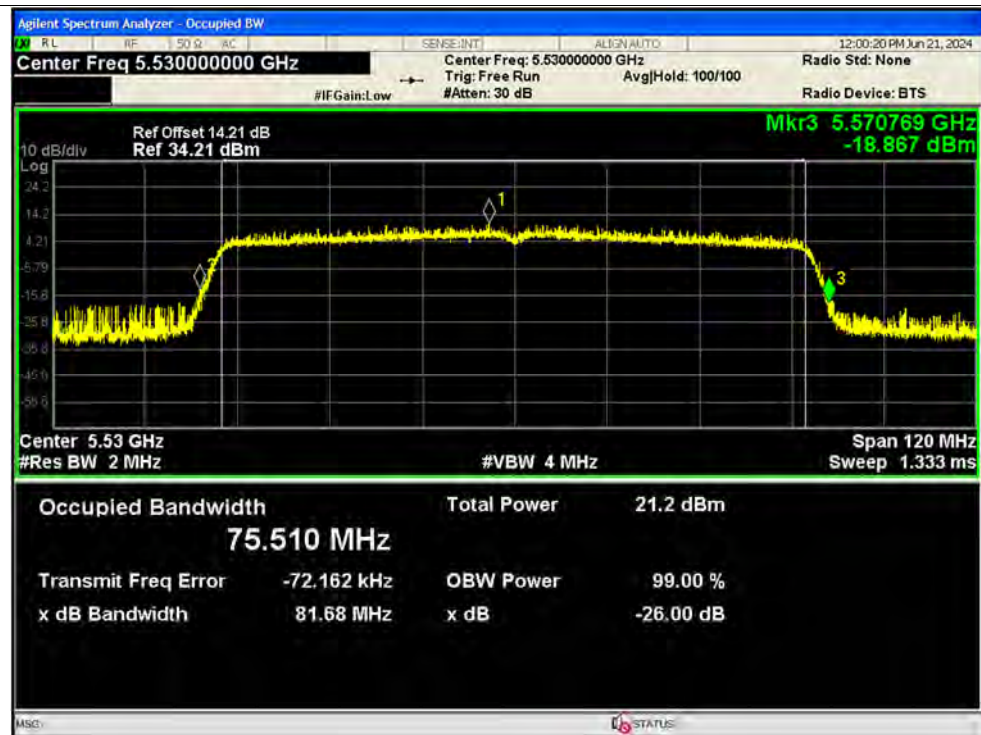
-26dB Bandwidth NVNT ac80 5210MHz Ant1



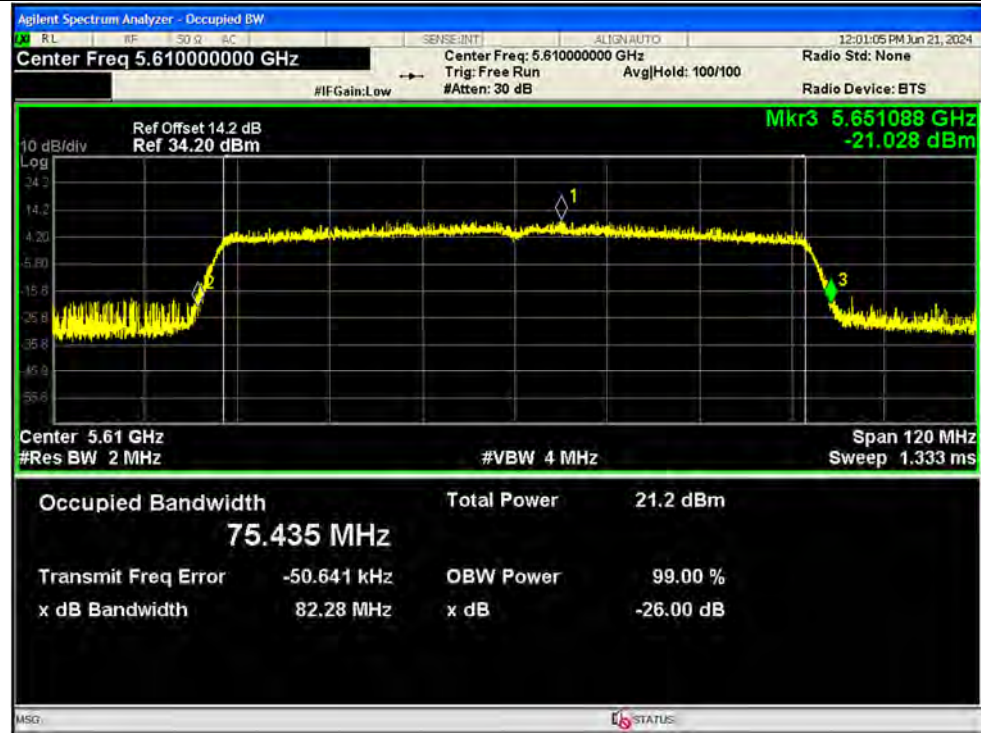
-26dB Bandwidth NVNT ac80 5290MHz Ant1



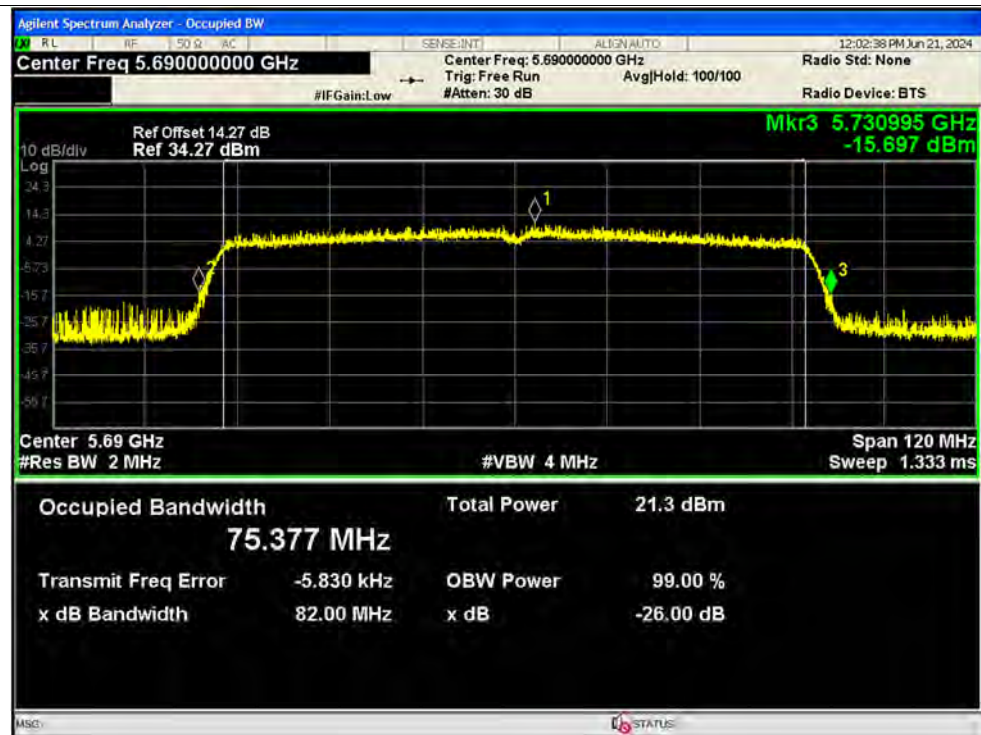
-26dB Bandwidth NVNT ac80 5530MHz Ant1



-26dB Bandwidth NVNT ac80 5610MHz Ant1



-26dB Bandwidth NVNT ac80 5690MHz Ant1

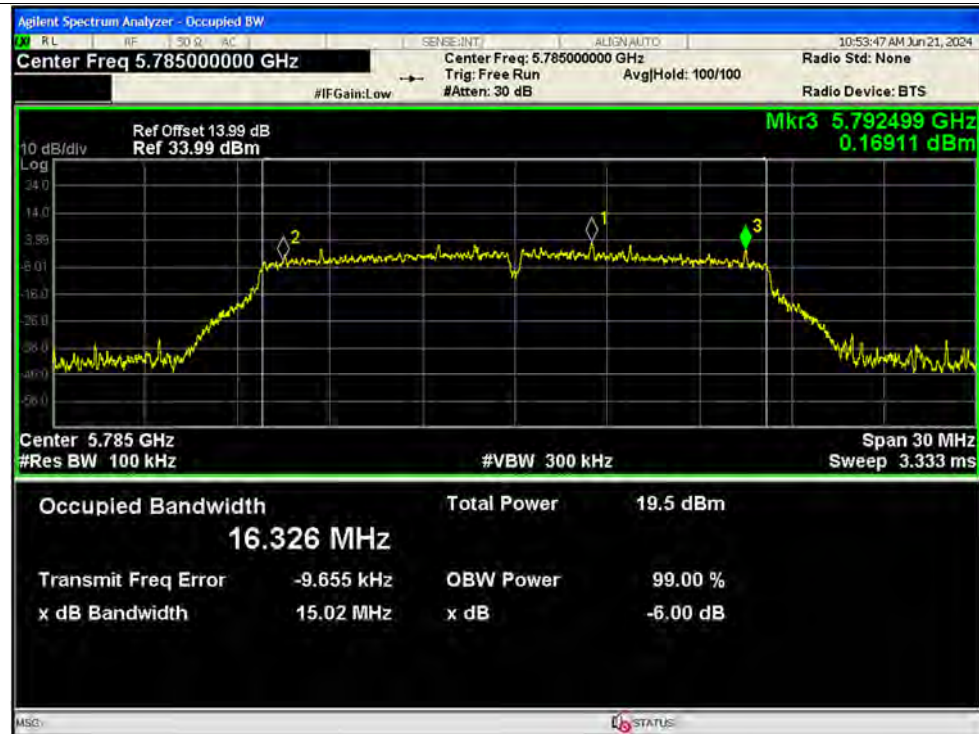


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



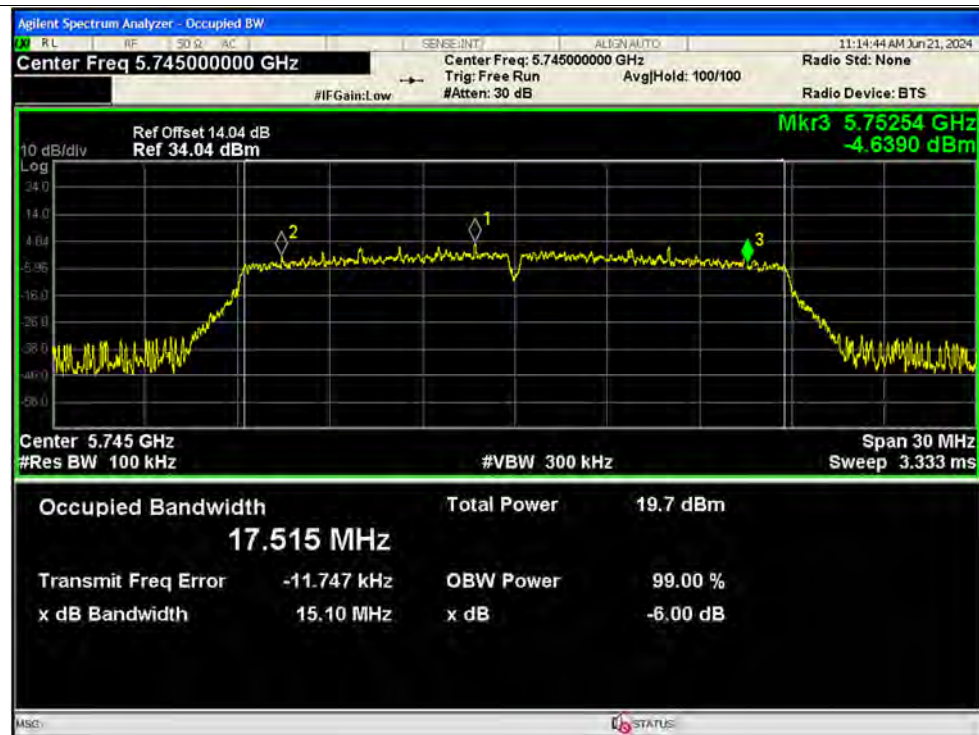
-6dB Bandwidth NVNT a 5785MHz Ant1



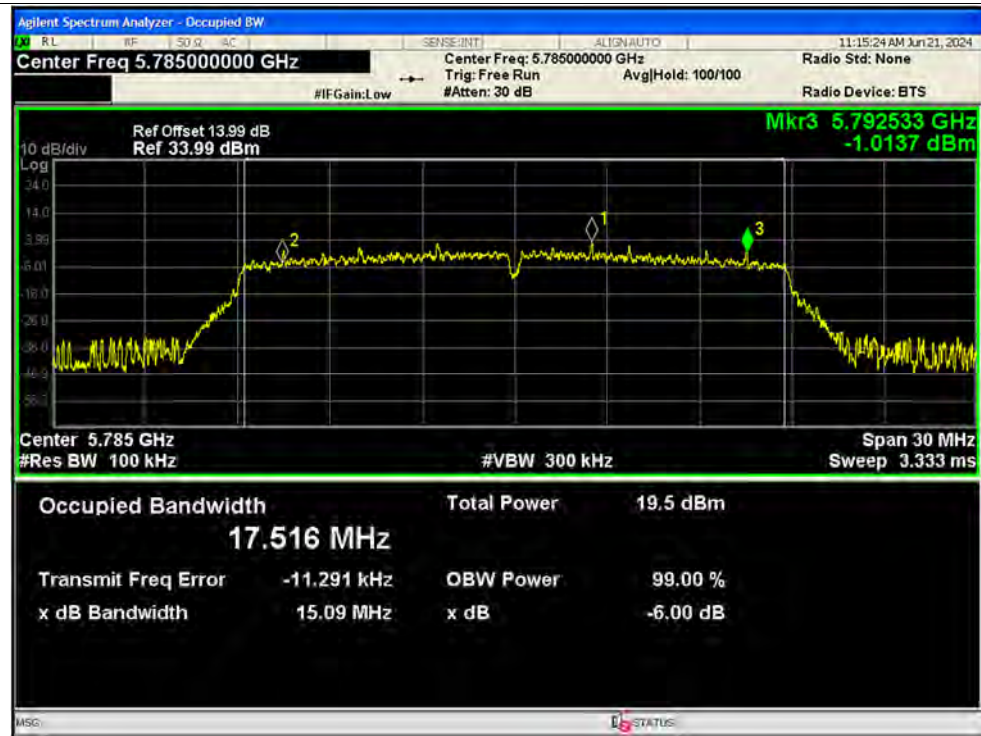
-6dB Bandwidth NVNT a 5825MHz Ant1



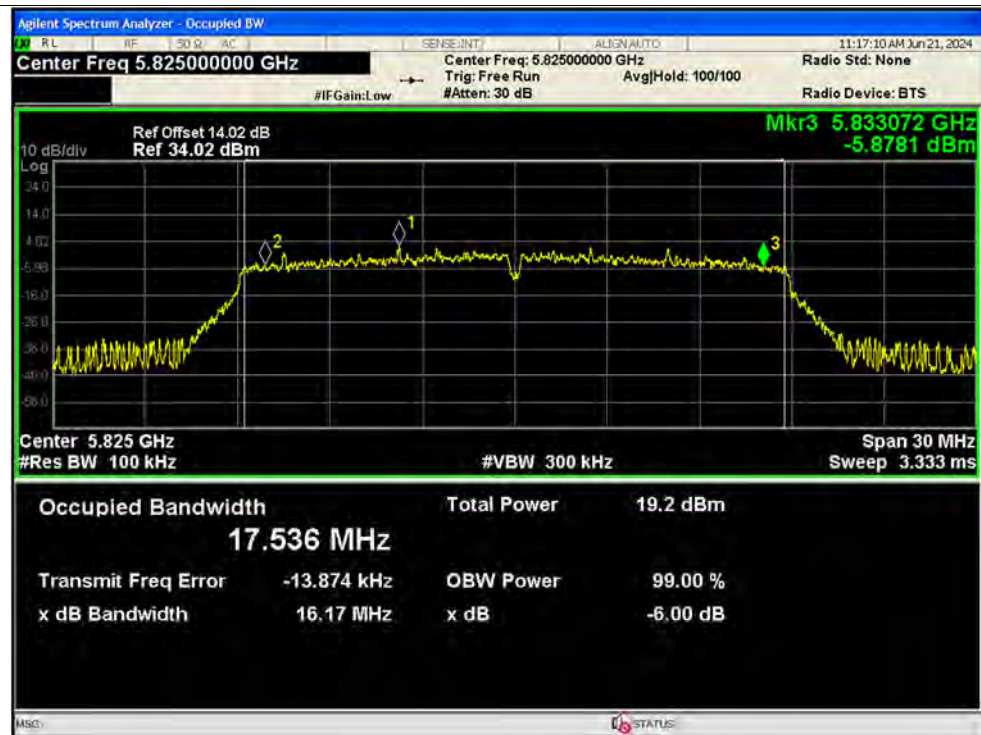
-6dB Bandwidth NVNT n20 5745MHz Ant1



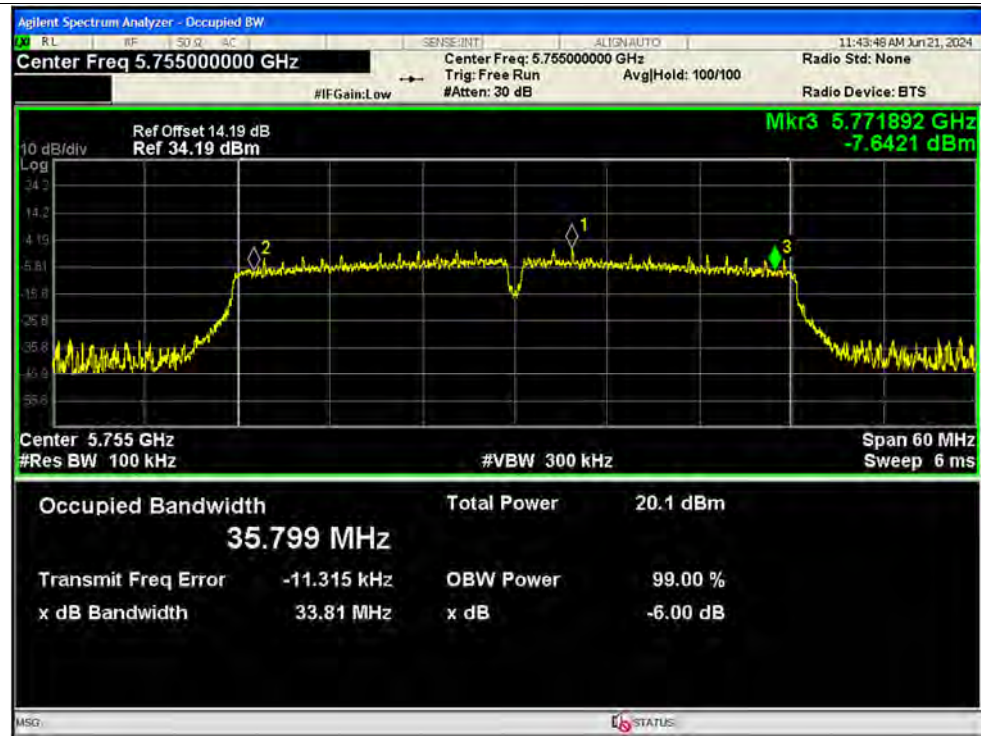
-6dB Bandwidth NVNT n20 5785MHz Ant1



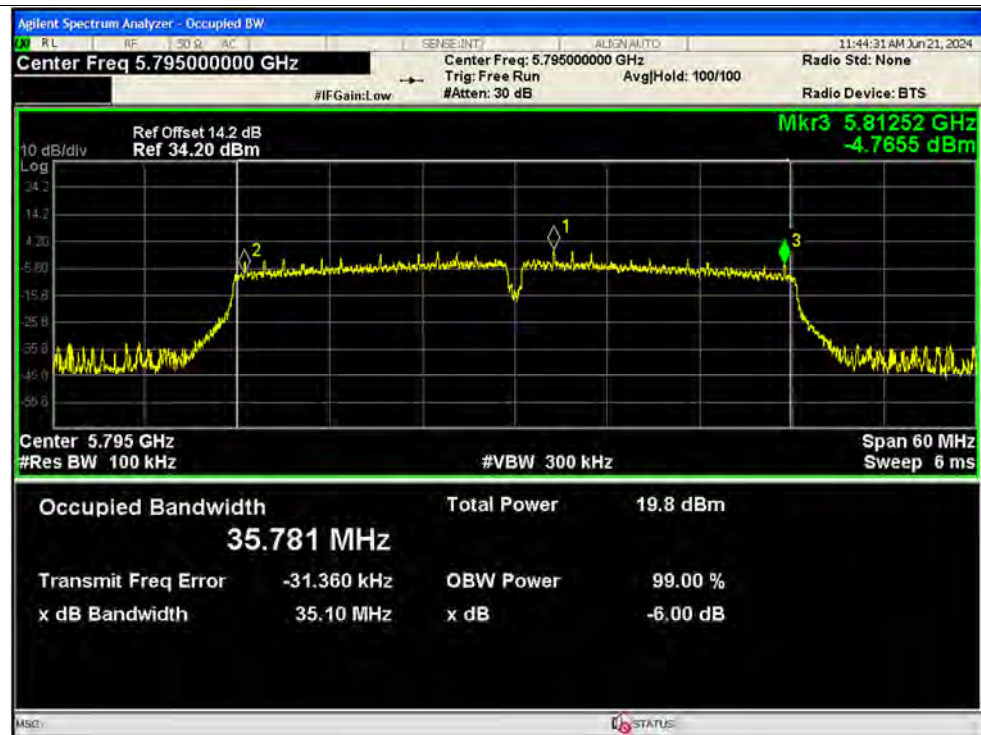
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1

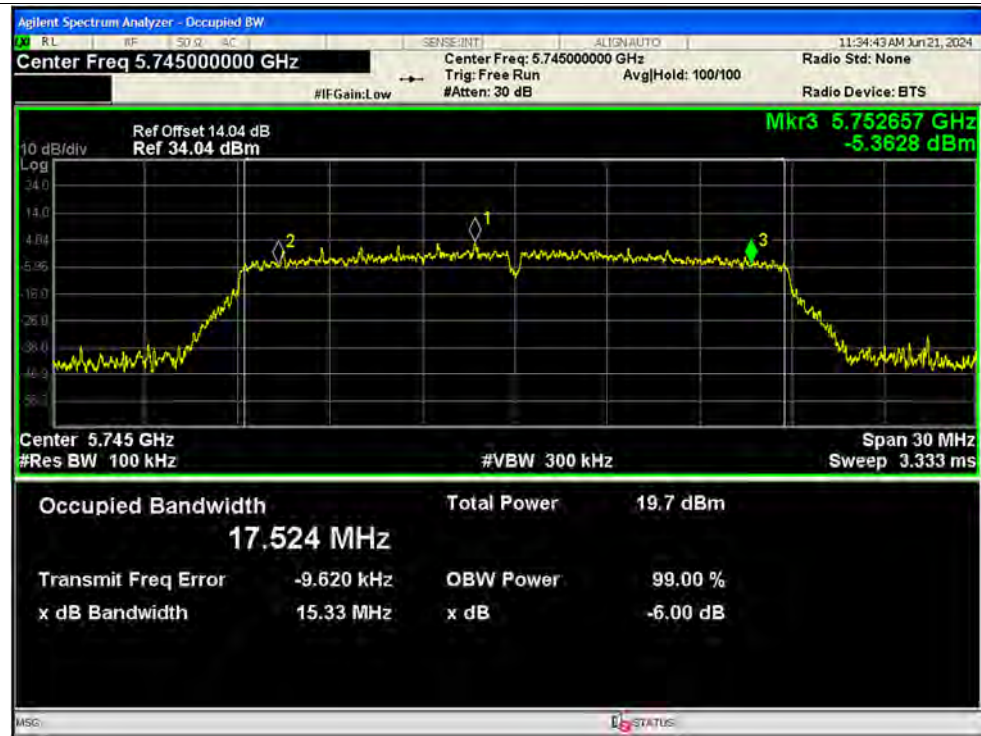


-6dB Bandwidth NVNT n40 5795MHz Ant1

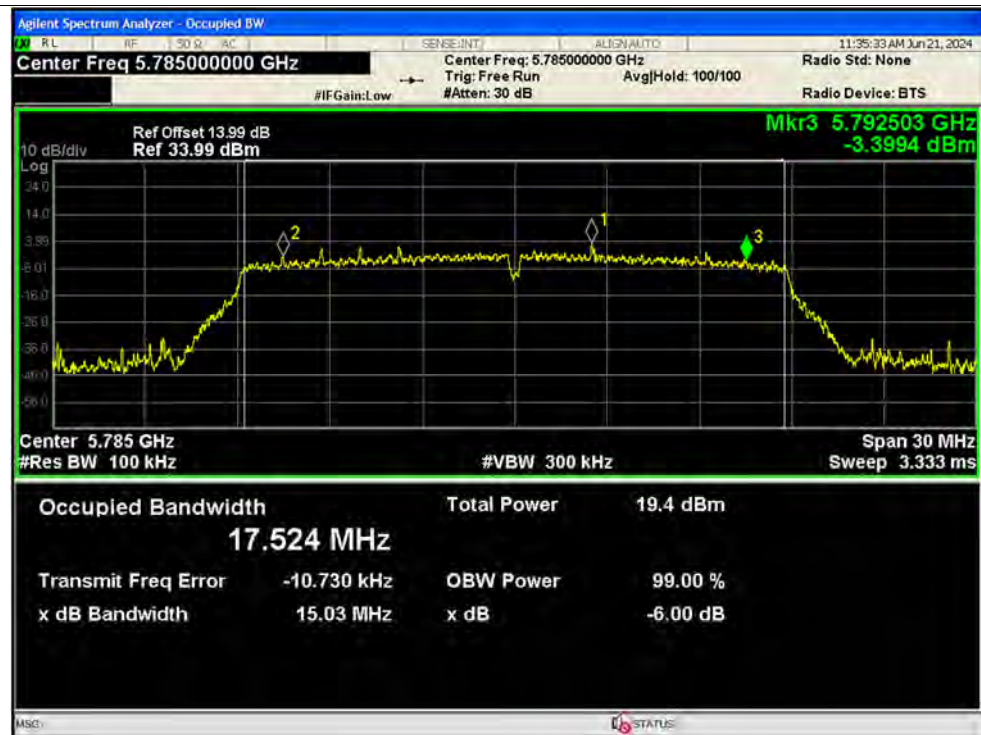




-6dB Bandwidth NVNT ac20 5745MHz Ant1

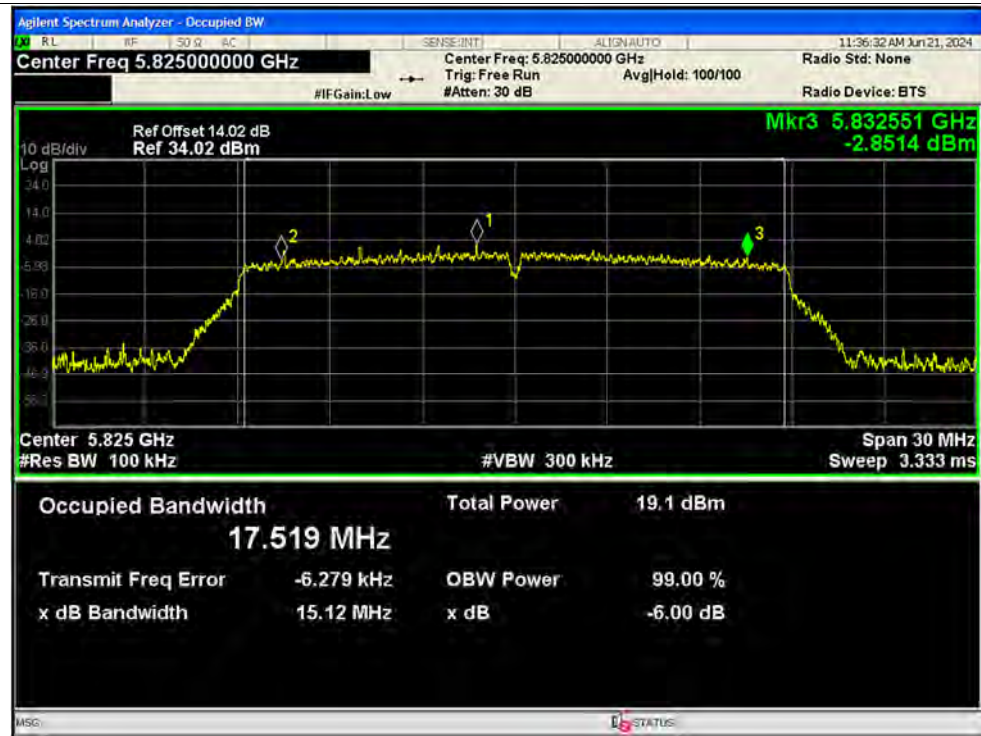


-6dB Bandwidth NVNT ac20 5785MHz Ant1

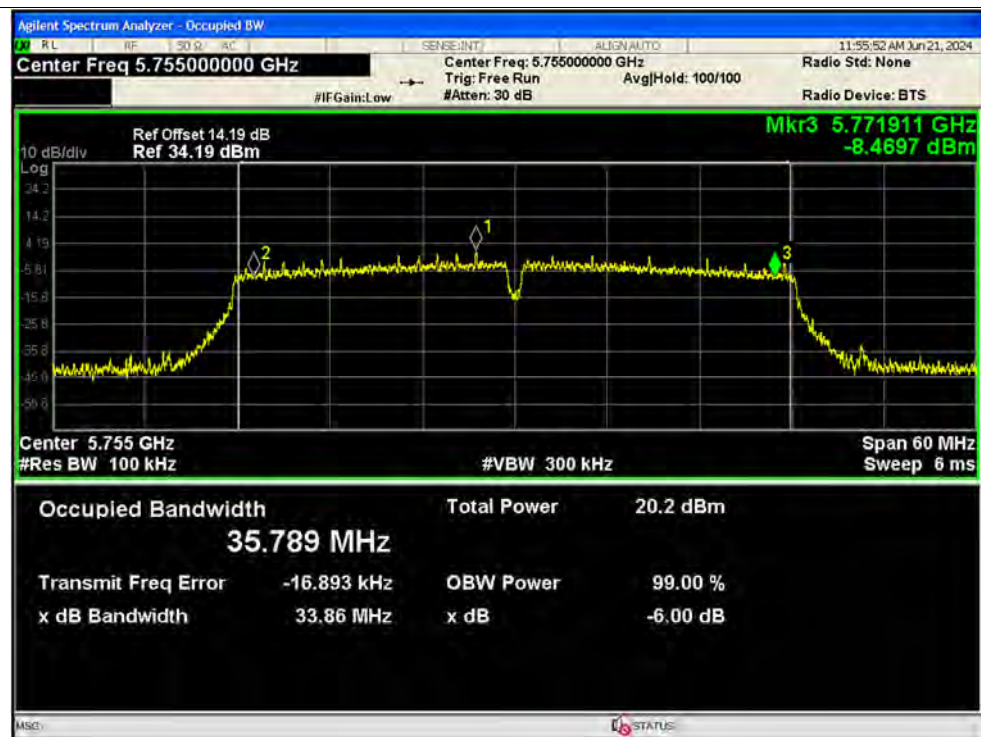




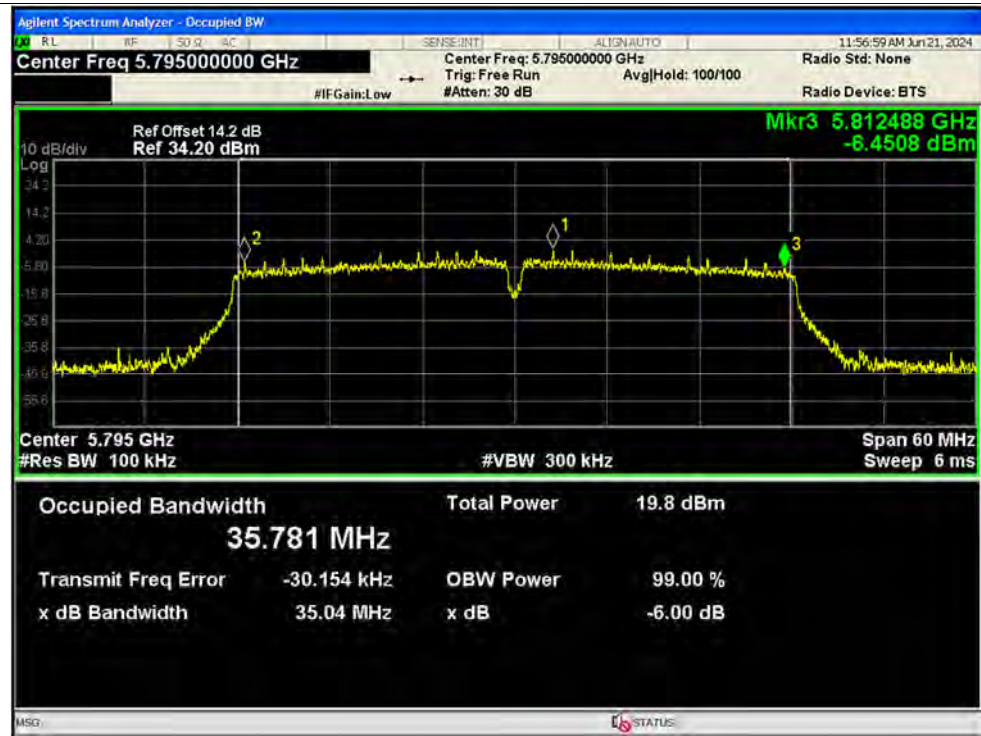
-6dB Bandwidth NVNT ac20 5825MHz Ant1



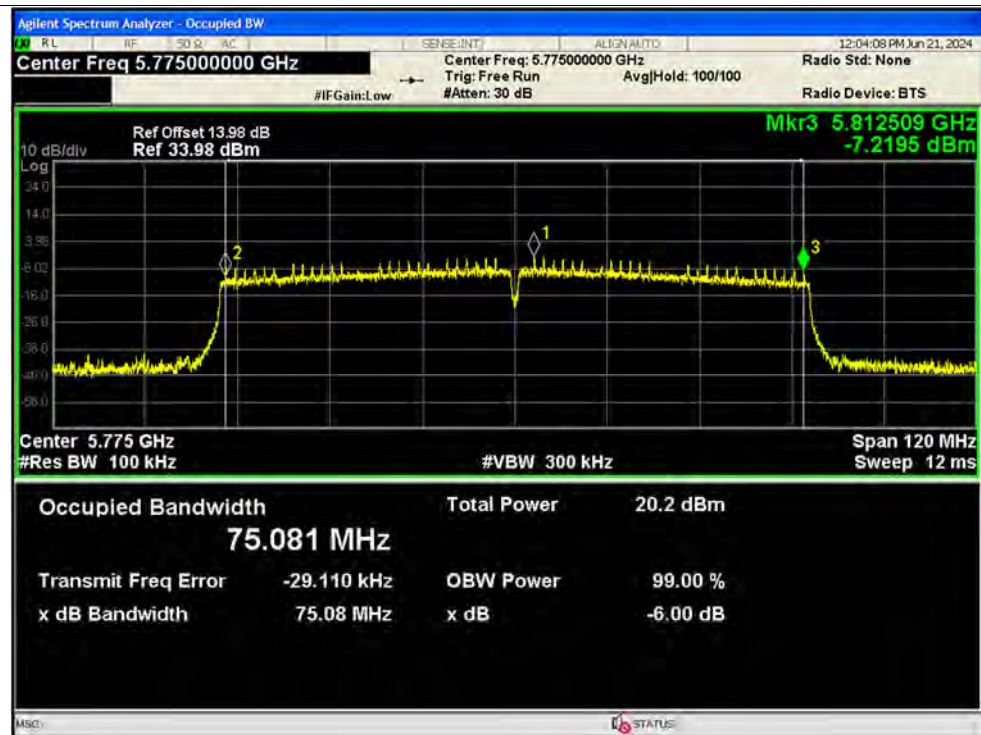
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1



**A.4. Peak Power Spectral Density**

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.82	0.12	3.94	11	Pass
NVNT	a	5220	Ant1	4.07	0.15	4.22	11	Pass
NVNT	a	5240	Ant1	4.13	0.12	4.25	11	Pass
NVNT	a	5260	Ant1	3.61	0.12	3.73	11	Pass
NVNT	a	5300	Ant1	4.03	0.12	4.15	11	Pass
NVNT	a	5320	Ant1	4.2	0.15	4.35	11	Pass
NVNT	a	5500	Ant1	3.55	0.15	3.7	11	Pass
NVNT	a	5600	Ant1	4.1	0.15	4.25	11	Pass
NVNT	a	5720	Ant1	3.73	0.12	3.85	11	Pass
NVNT	a	5745	Ant1	0.23	0.12	0.35	30	Pass
NVNT	a	5785	Ant1	0.69	0.12	0.81	30	Pass
NVNT	a	5825	Ant1	0.65	0.15	0.8	30	Pass
NVNT	n20	5180	Ant1	3.43	0.13	3.56	11	Pass
NVNT	n20	5220	Ant1	3.47	0.16	3.63	11	Pass
NVNT	n20	5240	Ant1	3.4	0.16	3.56	11	Pass
NVNT	n20	5260	Ant1	3.46	0.13	3.59	11	Pass
NVNT	n20	5300	Ant1	3.69	0.16	3.85	11	Pass
NVNT	n20	5320	Ant1	3.67	0.13	3.8	11	Pass
NVNT	n20	5500	Ant1	3.82	0.16	3.98	11	Pass
NVNT	n20	5600	Ant1	3.62	0.16	3.78	11	Pass
NVNT	n20	5720	Ant1	3.45	0.13	3.58	11	Pass
NVNT	n20	5745	Ant1	0.68	0.13	0.81	30	Pass
NVNT	n20	5785	Ant1	0.28	0.13	0.41	30	Pass
NVNT	n20	5825	Ant1	0.13	0.13	0.26	30	Pass
NVNT	n40	5190	Ant1	0.57	0.33	0.9	11	Pass
NVNT	n40	5230	Ant1	0.69	0.26	0.95	11	Pass
NVNT	n40	5270	Ant1	0.68	0.33	1.01	11	Pass
NVNT	n40	5310	Ant1	0.45	0.32	0.77	11	Pass
NVNT	n40	5510	Ant1	0.63	0.26	0.89	11	Pass
NVNT	n40	5630	Ant1	0.43	0.33	0.76	11	Pass
NVNT	n40	5710	Ant1	0.32	0.33	0.65	11	Pass
NVNT	n40	5755	Ant1	-2.34	0.26	-2.08	30	Pass
NVNT	n40	5795	Ant1	-2.45	0.26	-2.19	30	Pass
NVNT	ac20	5180	Ant1	3.63	0.13	3.76	11	Pass



NVNT	ac20	5220	Ant1	3.46	0.13	3.59	11	Pass
NVNT	ac20	5240	Ant1	3.63	0.13	3.76	11	Pass
NVNT	ac20	5260	Ant1	3.6	0.13	3.73	11	Pass
NVNT	ac20	5300	Ant1	3.58	0.13	3.71	11	Pass
NVNT	ac20	5320	Ant1	3.65	0.13	3.78	11	Pass
NVNT	ac20	5500	Ant1	3.96	0.16	4.12	11	Pass
NVNT	ac20	5600	Ant1	3.48	0.16	3.64	11	Pass
NVNT	ac20	5720	Ant1	3.33	0.13	3.46	11	Pass
NVNT	ac20	5745	Ant1	0.34	0.13	0.47	30	Pass
NVNT	ac20	5785	Ant1	0.32	0.16	0.48	30	Pass
NVNT	ac20	5825	Ant1	0.1	0.13	0.23	30	Pass
NVNT	ac40	5190	Ant1	0.42	0.26	0.68	11	Pass
NVNT	ac40	5230	Ant1	0.63	0.32	0.95	11	Pass
NVNT	ac40	5270	Ant1	0.52	0.32	0.84	11	Pass
NVNT	ac40	5310	Ant1	0.41	0.32	0.73	11	Pass
NVNT	ac40	5510	Ant1	0.64	0.26	0.9	11	Pass
NVNT	ac40	5630	Ant1	0.48	0.32	0.8	11	Pass
NVNT	ac40	5710	Ant1	0.4	0.26	0.66	11	Pass
NVNT	ac40	5755	Ant1	-2.15	0.26	-1.89	30	Pass
NVNT	ac40	5795	Ant1	-2.36	0.32	-2.04	30	Pass
NVNT	ac80	5210	Ant1	-2.54	0.63	-1.91	11	Pass
NVNT	ac80	5290	Ant1	-2.52	0.5	-2.02	11	Pass
NVNT	ac80	5530	Ant1	-2.45	0.5	-1.95	11	Pass
NVNT	ac80	5610	Ant1	-2.5	0.5	-2	11	Pass
NVNT	ac80	5690	Ant1	-2.34	0.51	-1.83	11	Pass
NVNT	ac80	5775	Ant1	-5.53	0.51	-5.02	30	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5220MHz Ant1



PSD NVNT a 5240MHz Ant1



PSD NVNT a 5260MHz Ant1



PSD NVNT a 5300MHz Ant1



PSD NVNT a 5320MHz Ant1



PSD NVNT a 5500MHz Ant1



PSD NVNT a 5600MHz Ant1



PSD NVNT a 5720MHz Ant1



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1





PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5220MHz Ant1





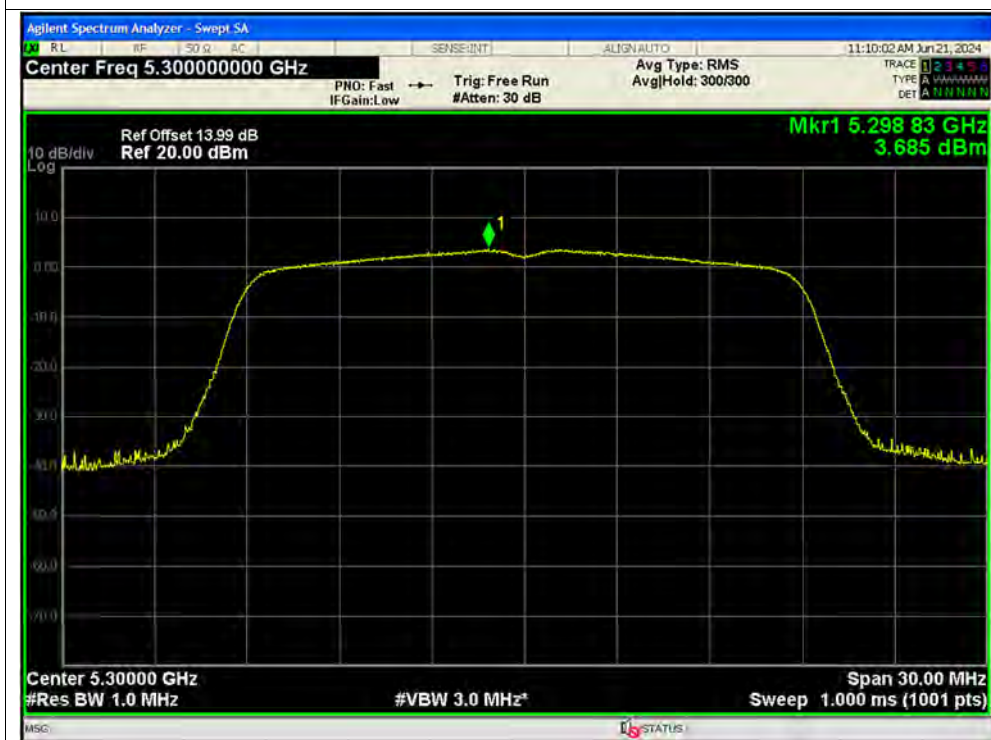
PSD NVNT n20 5240MHz Ant1



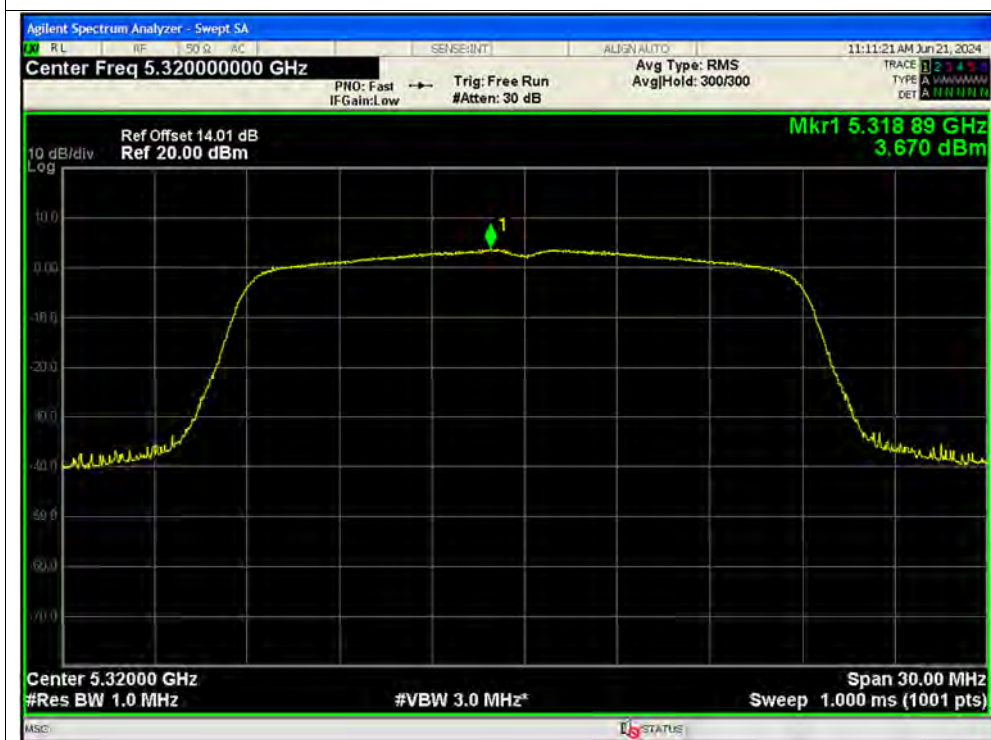
PSD NVNT n20 5260MHz Ant1



PSD NVNT n20 5300MHz Ant1



PSD NVNT n20 5320MHz Ant1





PSD NVNT n20 5500MHz Ant1



PSD NVNT n20 5600MHz Ant1



PSD NVNT n20 5720MHz Ant1



PSD NVNT n20 5745MHz Ant1





PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



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 3.4V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
20C 3.87V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
20C 4.45V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
-20C 3.87V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
-10C 3.87V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
0C 3.87V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
10C 3.87V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
30C 3.87V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
40C 3.87V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
50C 3.87V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
60C 3.87V	Carrier	5180	Ant1	5179.987	-13000	-2.51	25	Pass
20C 3.4V	Carrier	5260	Ant1	5259.987	-13000	-2.47	25	Pass
20C 3.87V	Carrier	5260	Ant1	5259.986	-14000	-2.66	25	Pass
20C 4.45V	Carrier	5260	Ant1	5259.987	-13000	-2.47	25	Pass
-20C 3.87V	Carrier	5260	Ant1	5259.986	-14000	-2.66	25	Pass
-10C 3.87V	Carrier	5260	Ant1	5259.986	-14000	-2.66	25	Pass
0C 3.87V	Carrier	5260	Ant1	5259.986	-14000	-2.66	25	Pass
10C 3.87V	Carrier	5260	Ant1	5259.986	-14000	-2.66	25	Pass
30C 3.87V	Carrier	5260	Ant1	5259.986	-14000	-2.66	25	Pass
40C 3.87V	Carrier	5260	Ant1	5259.986	-14000	-2.66	25	Pass
50C 3.87V	Carrier	5260	Ant1	5259.986	-14000	-2.66	25	Pass
60C 3.87V	Carrier	5260	Ant1	5259.986	-14000	-2.66	25	Pass
20C 3.4V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 3.87V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 4.45V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-20C 3.87V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-10C 3.87V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
0C 3.87V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
10C 3.87V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
30C 3.87V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
40C 3.87V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
50C 3.87V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
60C 3.87V	Carrier	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 3.4V	Carrier	5745	Ant1	5744.984	-16000	-2.79	25	Pass



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20C 3.87V	Carrier	5745	Ant1	5744.983	-17000	-2.96	25	Pass
20C 4.45V	Carrier	5745	Ant1	5744.984	-16000	-2.79	25	Pass
-20C 3.87V	Carrier	5745	Ant1	5744.984	-16000	-2.79	25	Pass
-10C 3.87V	Carrier	5745	Ant1	5744.983	-17000	-2.96	25	Pass
0C 3.87V	Carrier	5745	Ant1	5744.983	-17000	-2.96	25	Pass
10C 3.87V	Carrier	5745	Ant1	5744.983	-17000	-2.96	25	Pass
30C 3.87V	Carrier	5745	Ant1	5744.983	-17000	-2.96	25	Pass
40C 3.87V	Carrier	5745	Ant1	5744.983	-17000	-2.96	25	Pass
50C 3.87V	Carrier	5745	Ant1	5744.983	-17000	-2.96	25	Pass
60C 3.87V	Carrier	5745	Ant1	5744.983	-17000	-2.96	25	Pass



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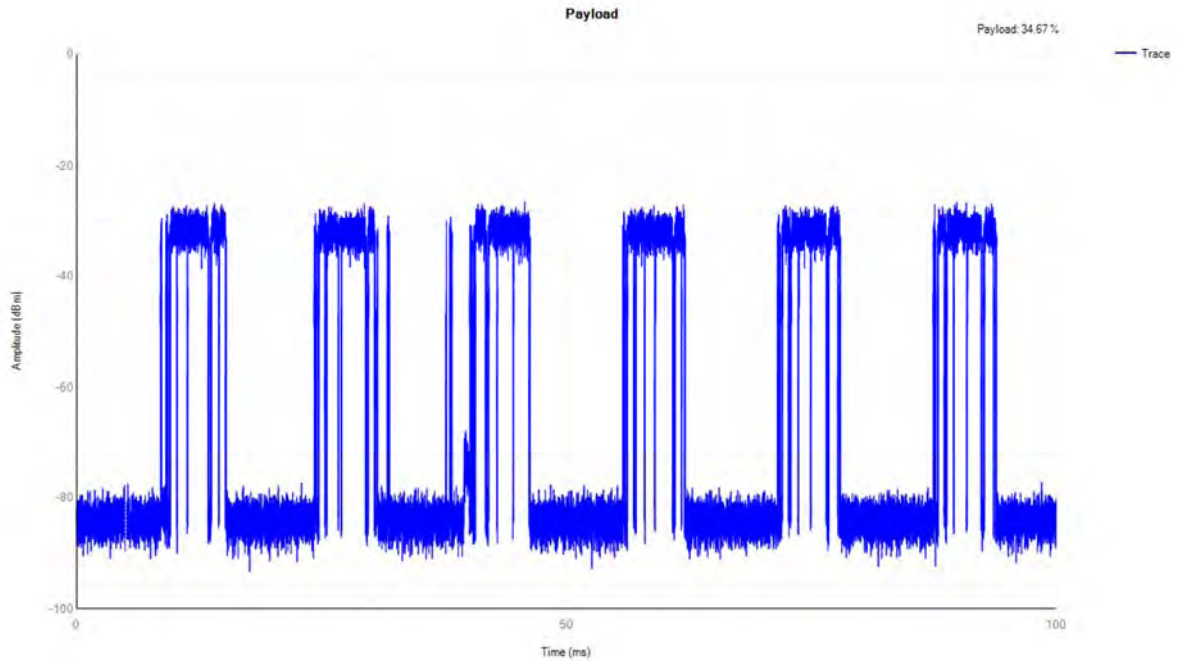
A.6. Dynamic Frequency Selection

Payload

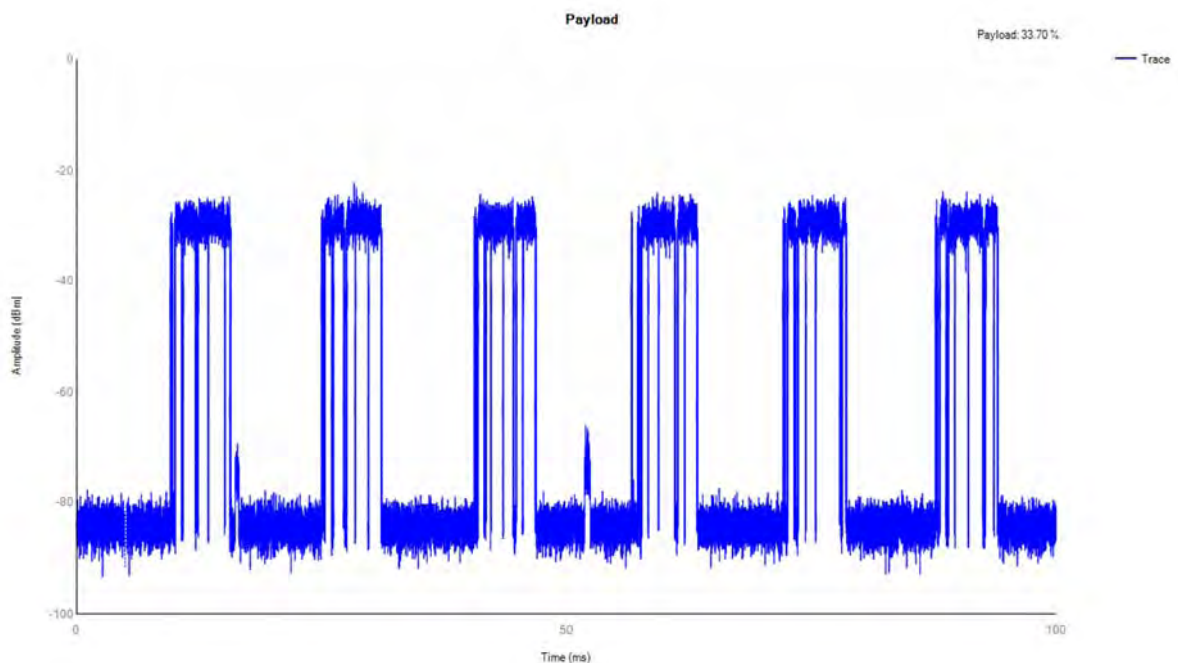
Mode	Frequency (MHz)	Result	Verdict
a	5320	34.67	Pass
a	5500	33.70	Pass
ac80	5290	34.19	Pass
ac80	5530	31.73	Pass

Test Graphs

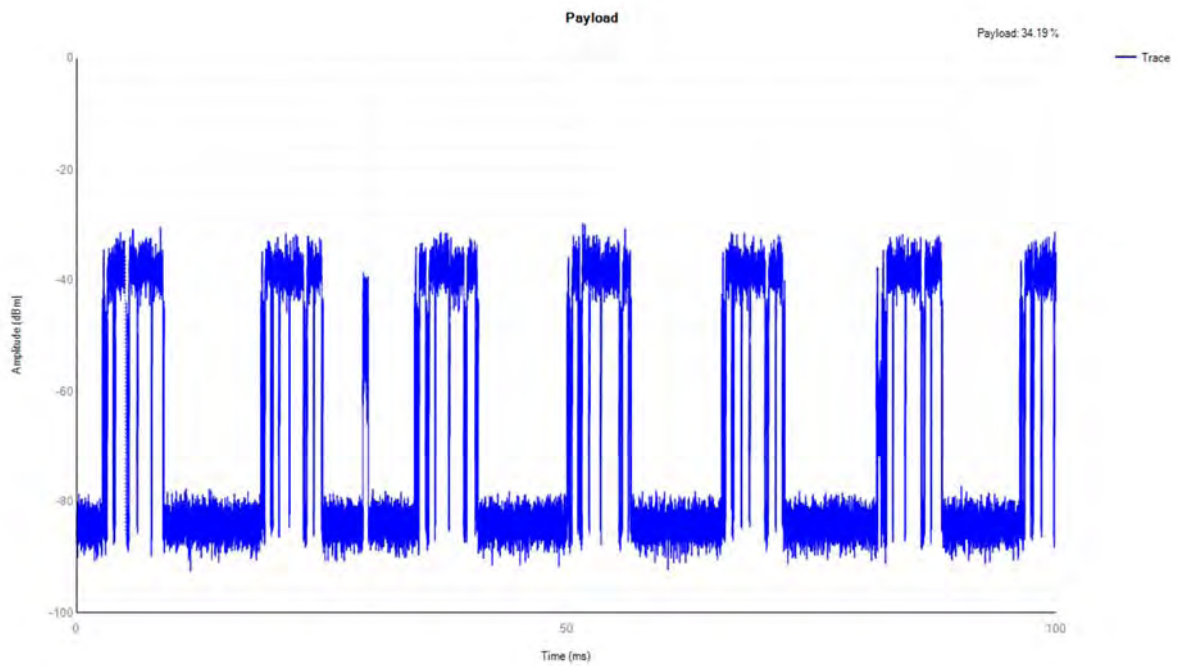
a 5320MHz Payload



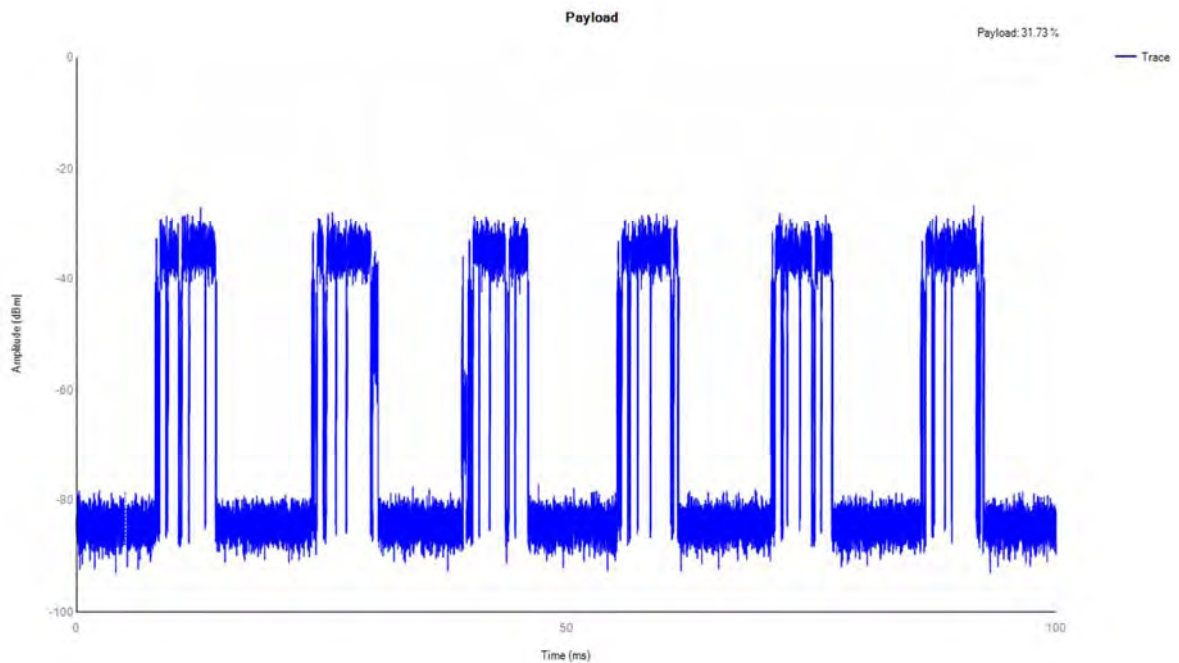
a 5500MHz Payload



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

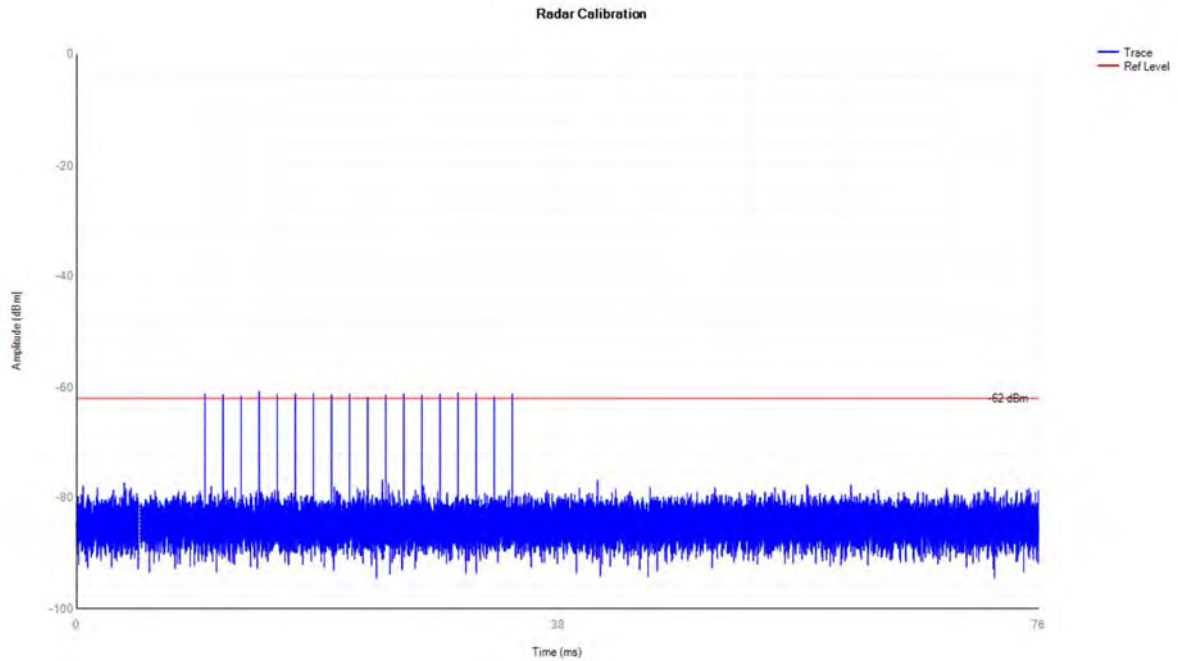
Detector Type: Peak

RBW: 3MHz

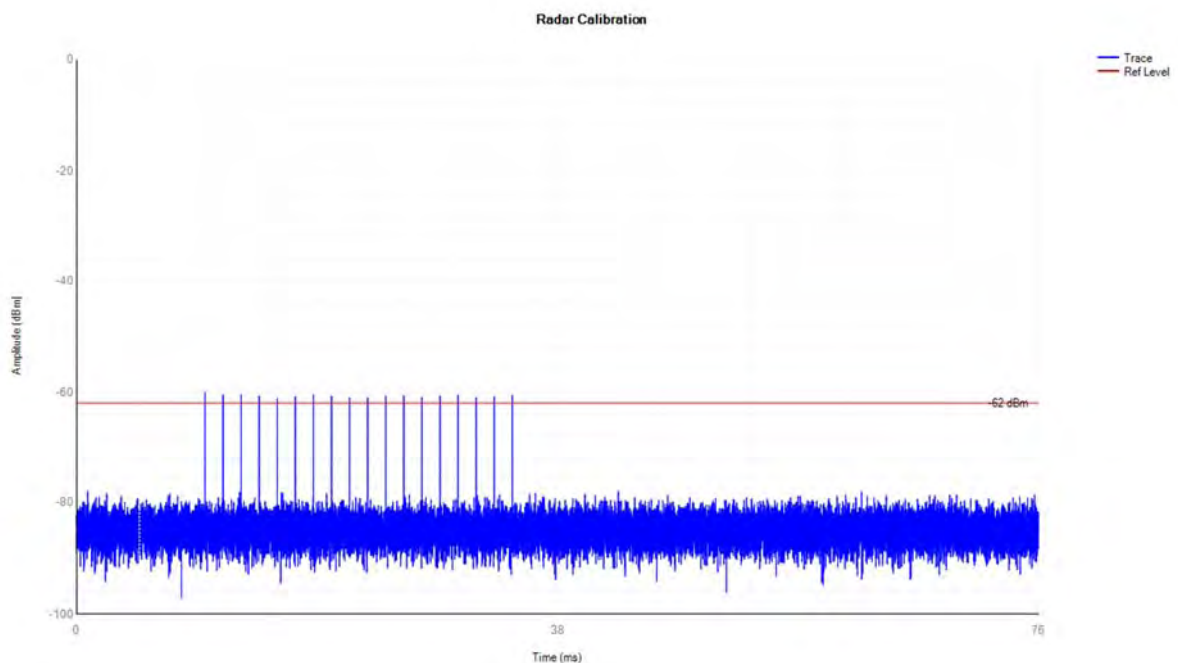
VBW: 3MHz

Test Graphs

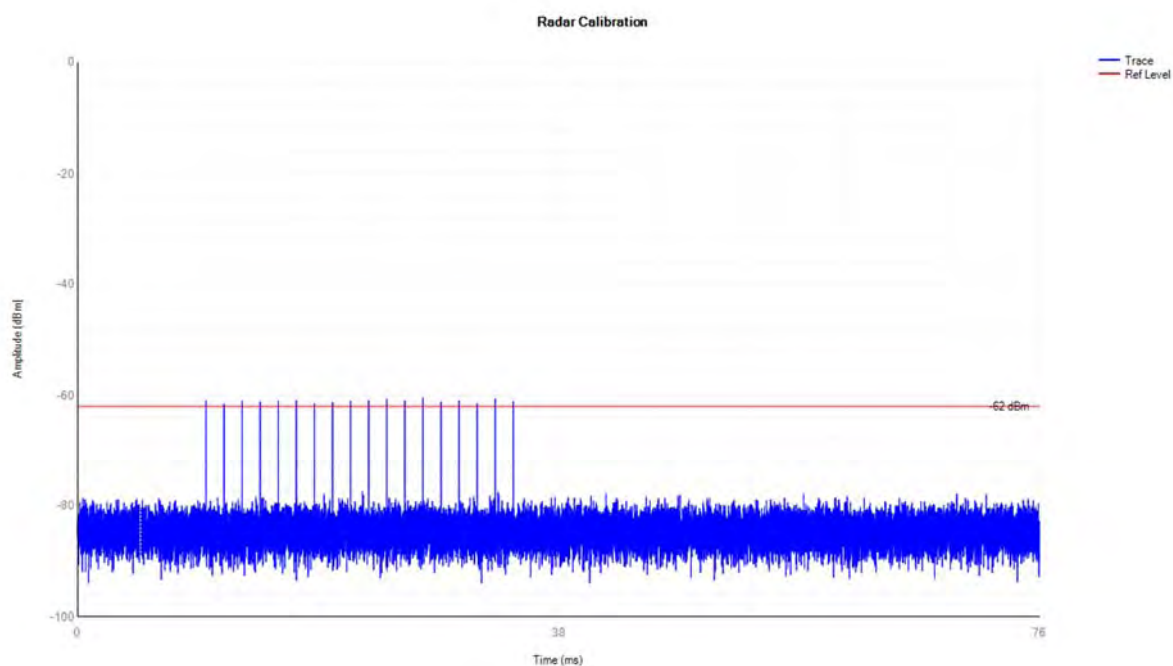
5320MHz DFS_FCC_T0



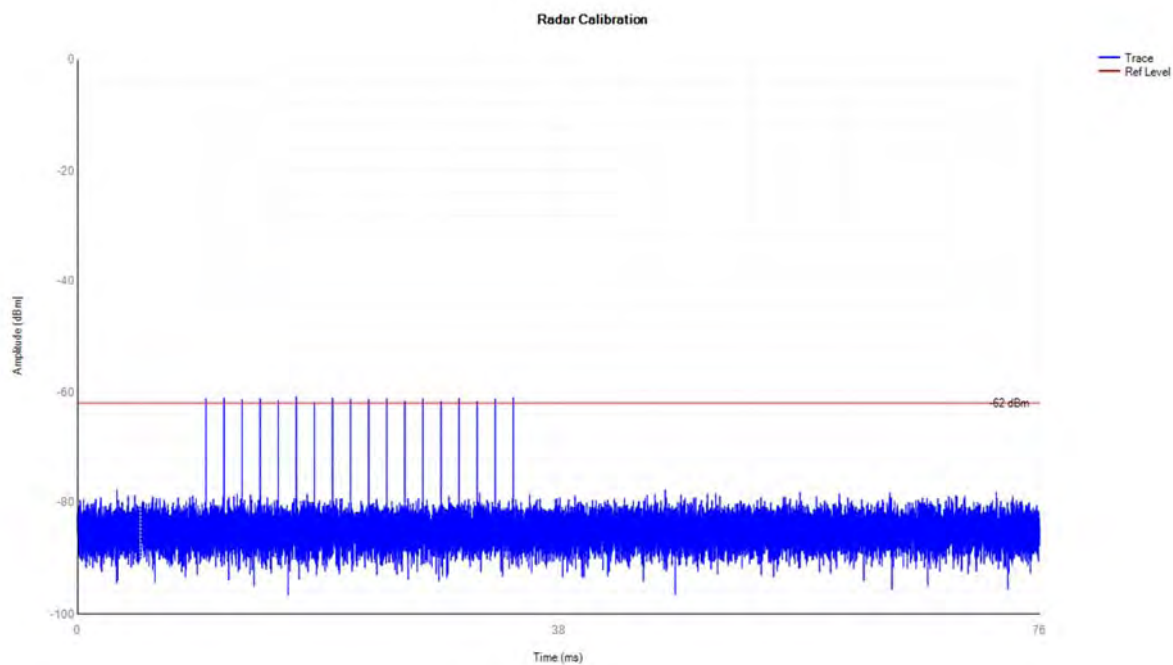
5500MHz DFS_FCC_T0



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	0.921	10	0.025	0.26	0.020	0.06	Pass
a	5500	0.859	10	0.053	0.26	0.015	0.06	Pass
ac80	5290	0.832	10	0.038	0.26	0.015	0.06	Pass
ac80	5530	0.840	10	0.037	0.26	0.016	0.06	Pass

Spectrum analyzer settings:

Span: Zero

Detector type: Peak

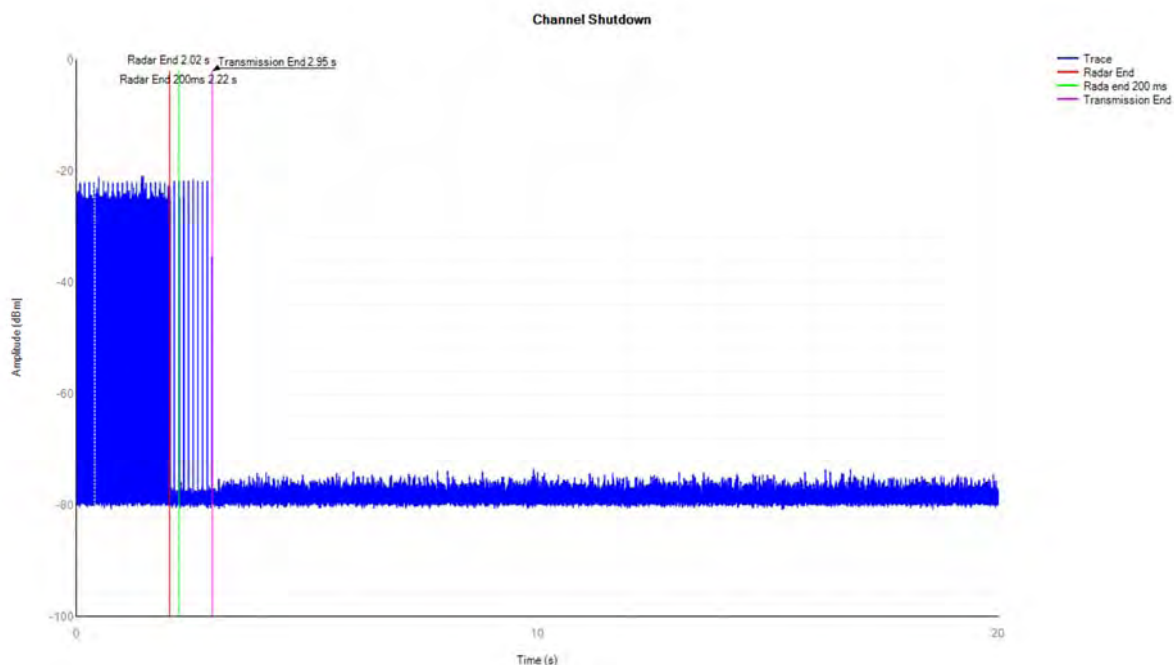
RBW: 3MHz

VBW: 3MHz

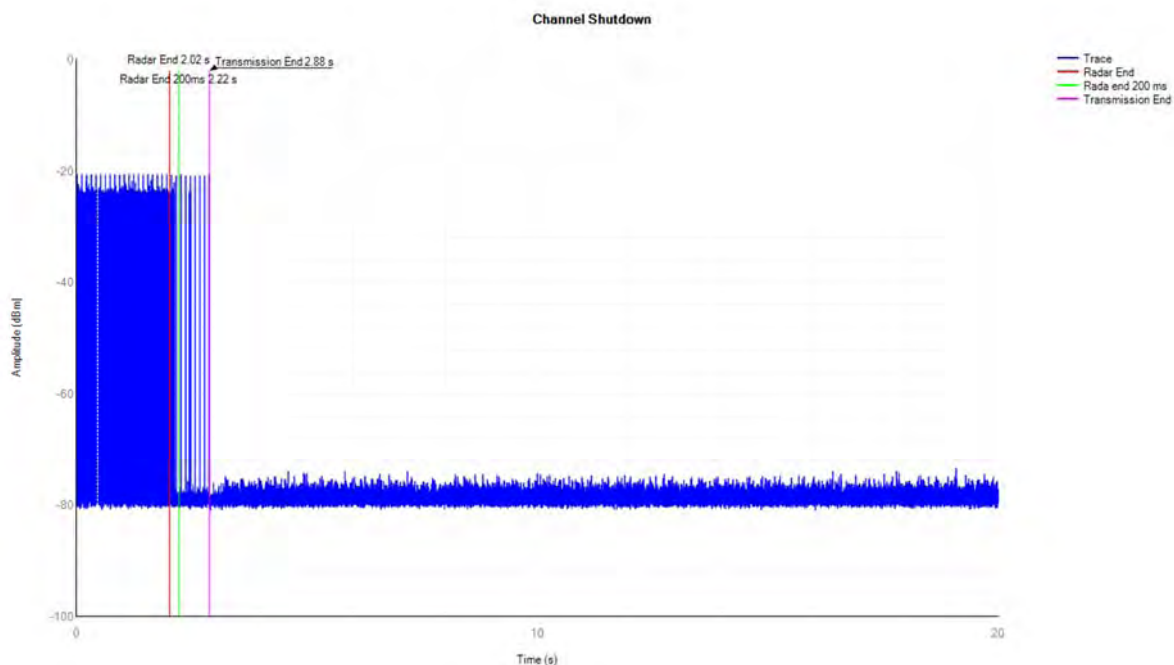
Sweep time: 20s

Test Graphs

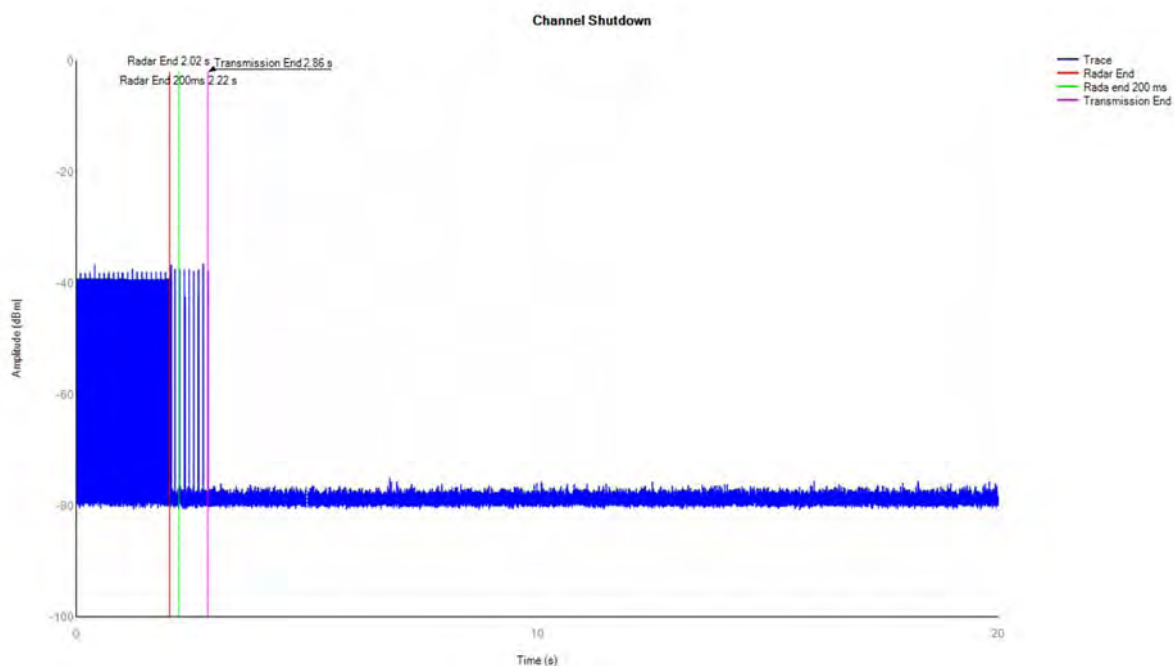
a 5320MHz Shutdown



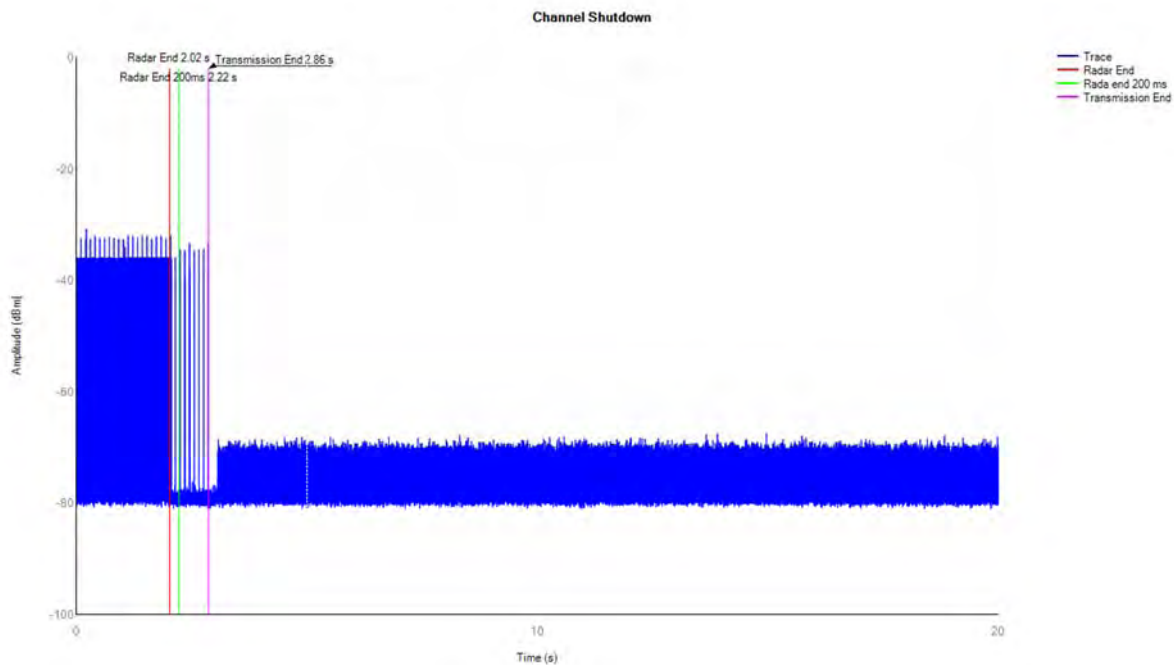
a 5500MHz Shutdown



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.



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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

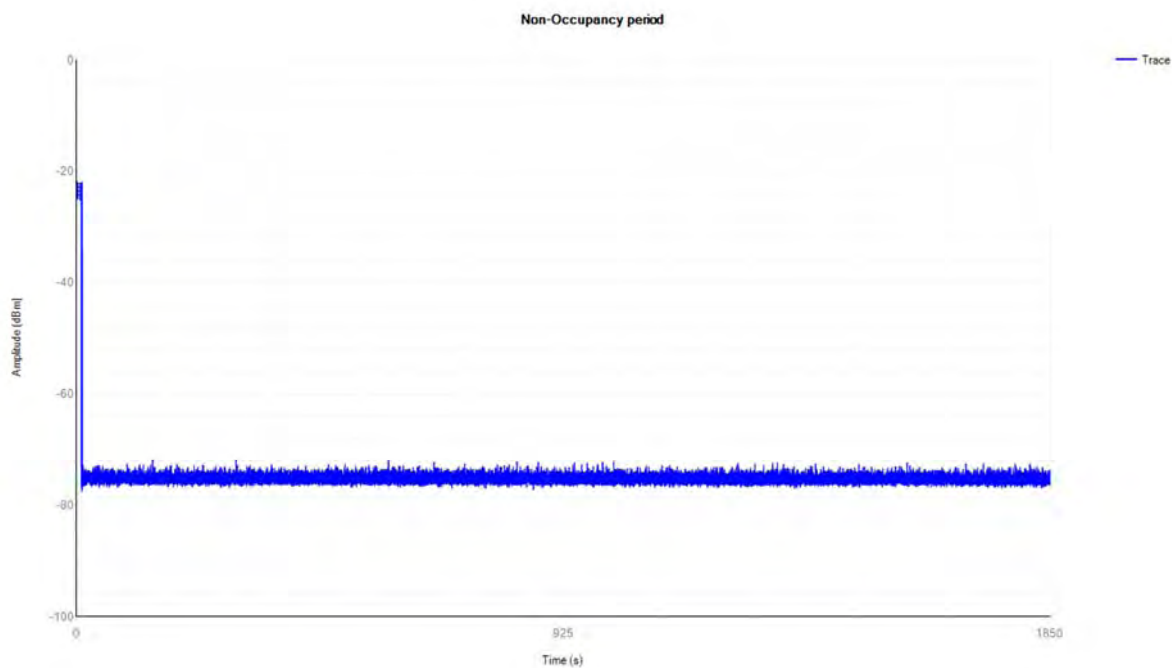
RBW: 3MHz

VBW: 3MHz

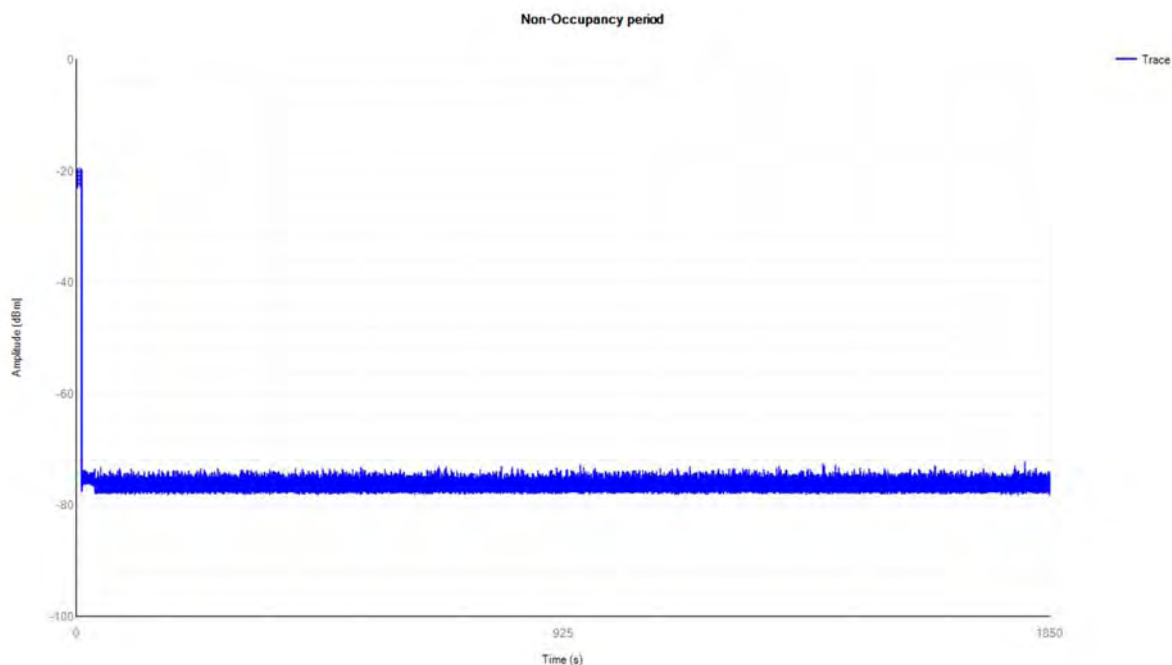
Sweep time: 1850s

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 + Adapter + USB Cable + WIFI TX

Test voltage: AC 120V/60Hz

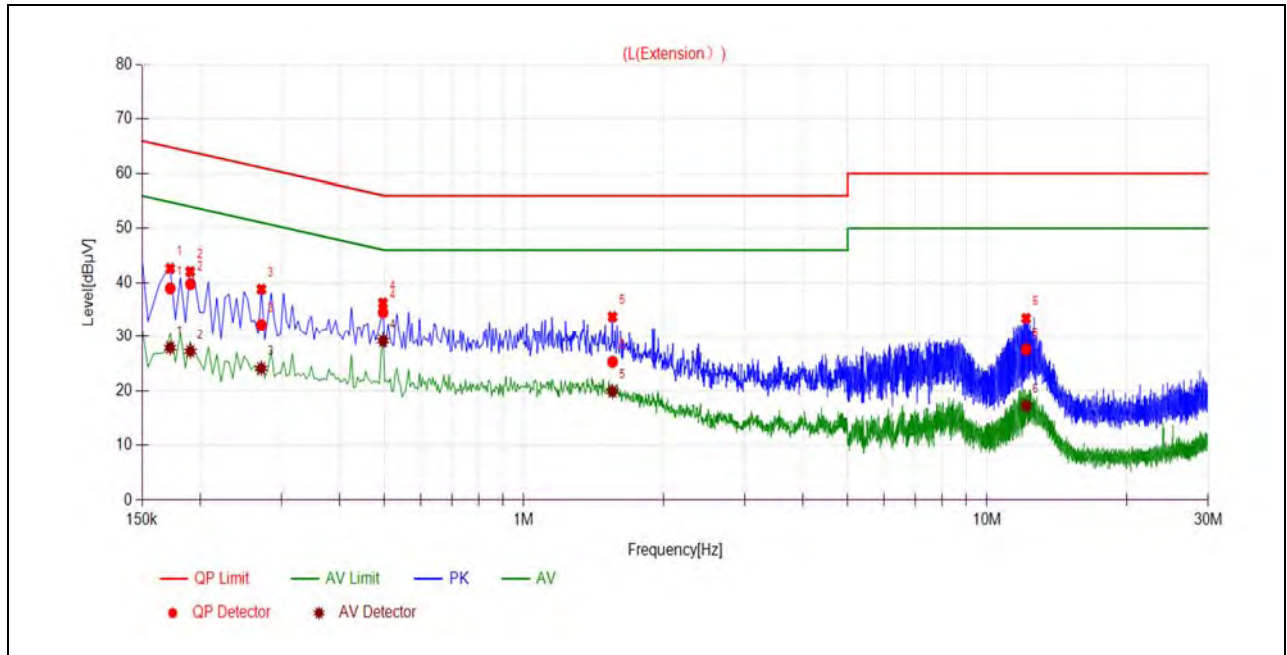
The measurement results are obtained as below:

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

U_R : Receiver Reading

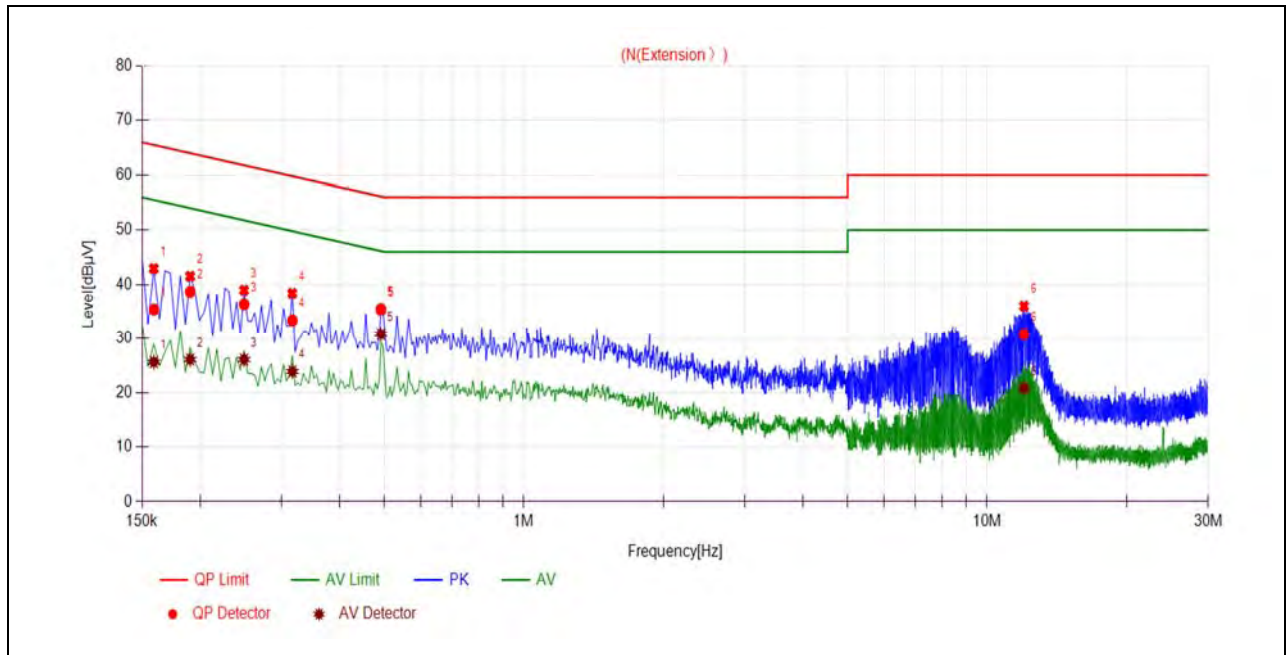
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1725	38.96	27.87	64.84	54.84	Line	PASS
2	0.1907	39.76	27.22	64.01	54.01		PASS
3	0.2713	32.19	24.09	61.08	51.08		PASS
4	0.4969	34.54	29.18	56.05	46.05		PASS
5	1.5544	25.27	19.86	56.00	46.00		PASS
6	12.1367	27.57	17.20	60.00	50.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1591	35.42	25.60	65.51	55.51	Neutral	PASS
2	0.1905	38.67	26.08	64.02	54.02		PASS
3	0.2490	36.39	26.06	61.79	51.79		PASS
4	0.3167	33.40	23.87	59.79	49.79		PASS
5	0.4915	35.49	30.80	56.14	46.14		PASS
6	12.0042	30.82	20.75	60.00	50.00		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_{preamp} : Preamplifier Gain

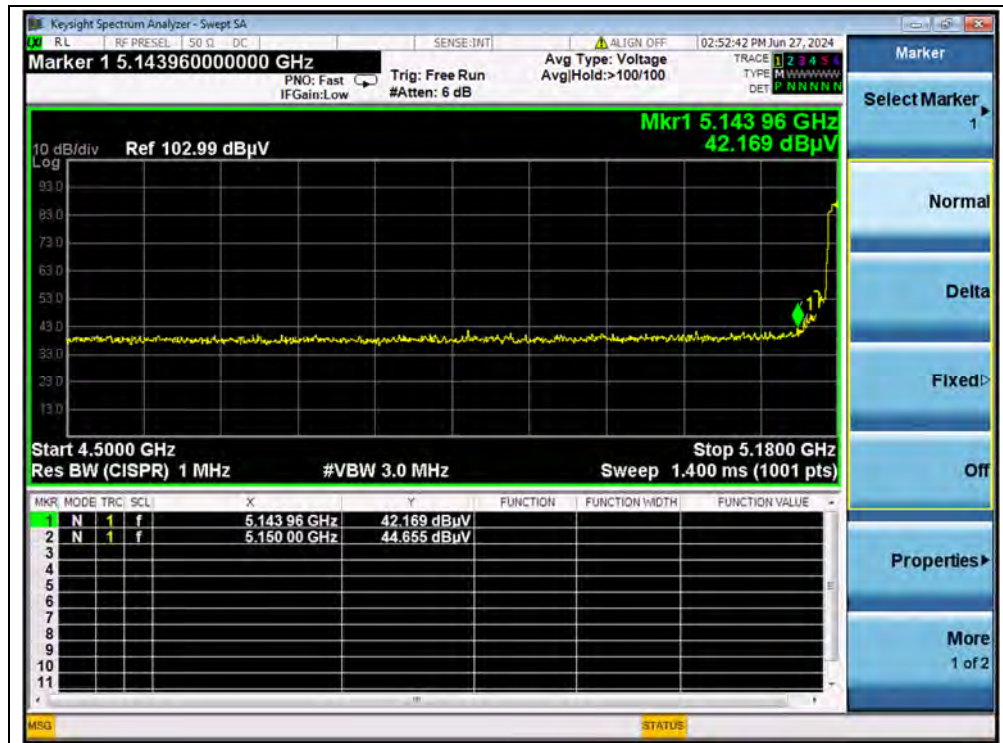
A_{Factor} : Antenna Factor at 3m

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

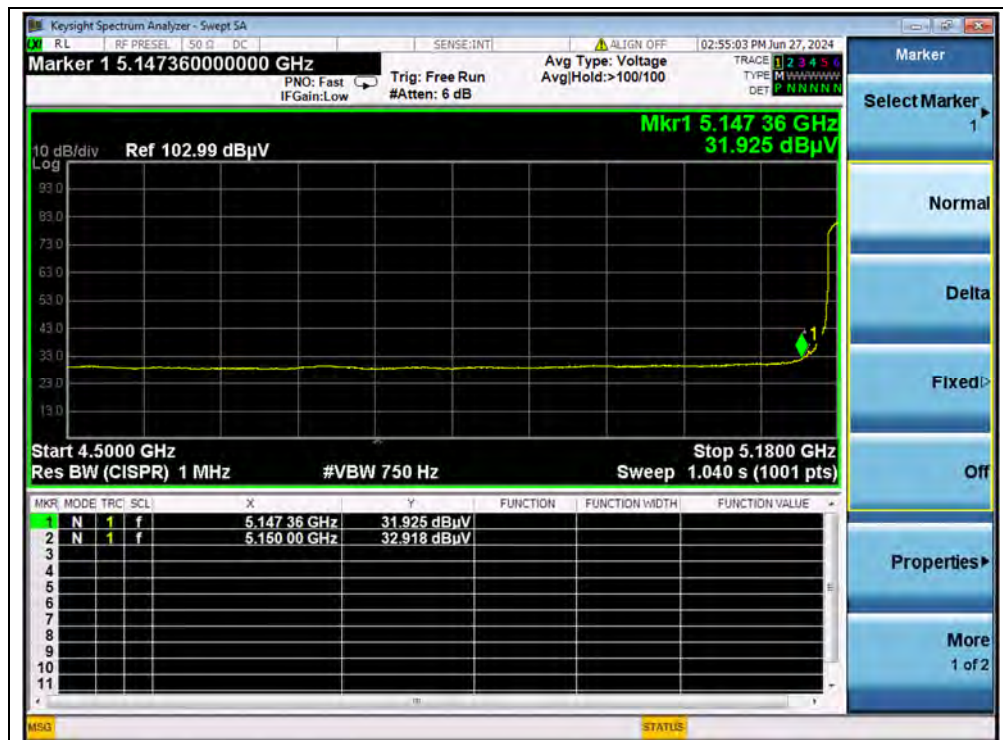
Note 2 All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

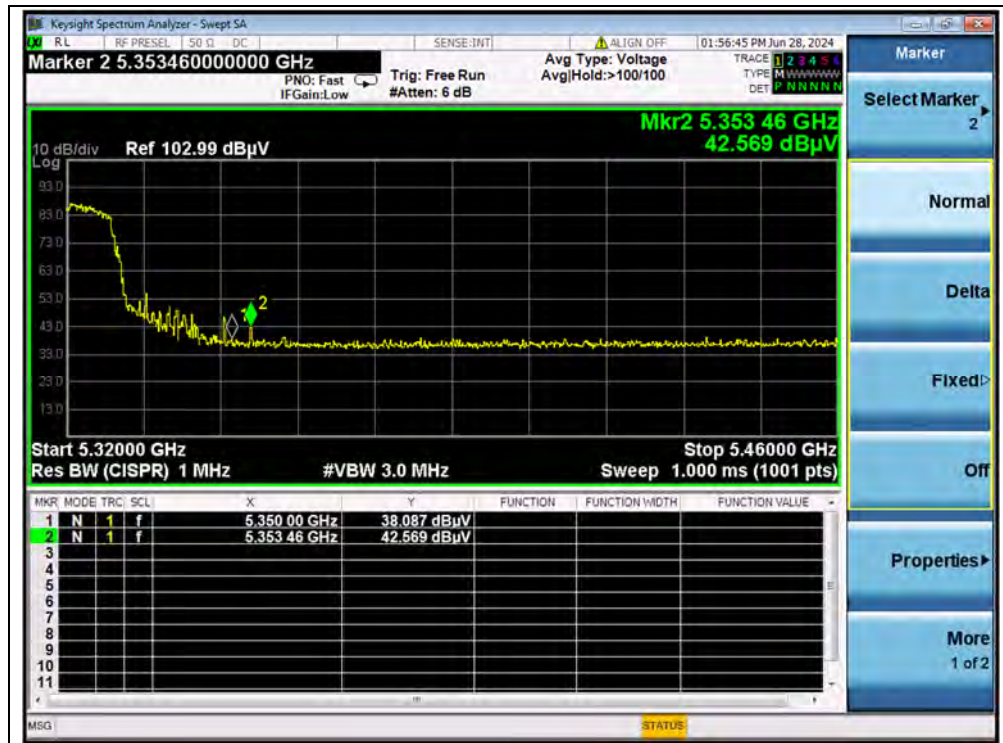
Channel	Frequency (MHz)	Detector	Receiver Reading	A _T (dB)	A _{Factor} (dB@3m)	Max. Emission	Limit (dBμV/m)	Verdict
		PK/ AV	U _R (dBμV)			E (dBμV/m)		
36	5150.00	PK	44.66	-21.29	32.20	55.57	74	PASS
36	5150.00	AV	32.92	-21.29	32.20	43.83	54	PASS
64	5353.46	PK	42.57	-20.66	32.20	54.11	74	PASS
64	5350.00	AV	29.52	-20.66	32.20	41.06	54	PASS
100	5470.00	PK	40.29	-20.24	32.20	52.25	68.23	PASS
100	5460.00	AV	29.31	-20.24	32.20	41.27	54	PASS
144	5729.40	PK	42.38	-20.24	32.20	54.34	68.23	PASS
149	5725.00	PK	45.26	-21.11	32.20	56.35	122.23	PASS
165	5855.00	PK	38.07	-21.11	32.20	49.16	122.23	PASS



(PEAK, Channel 36, 802.11a)



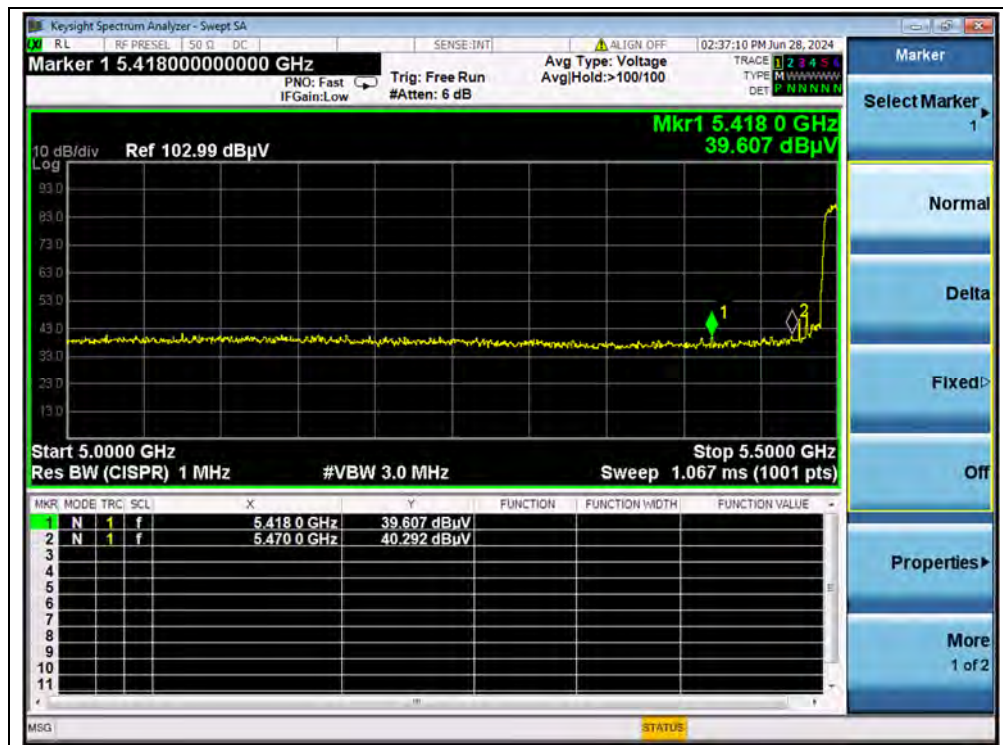
(AVERAGE, Channel 36, 802.11a)



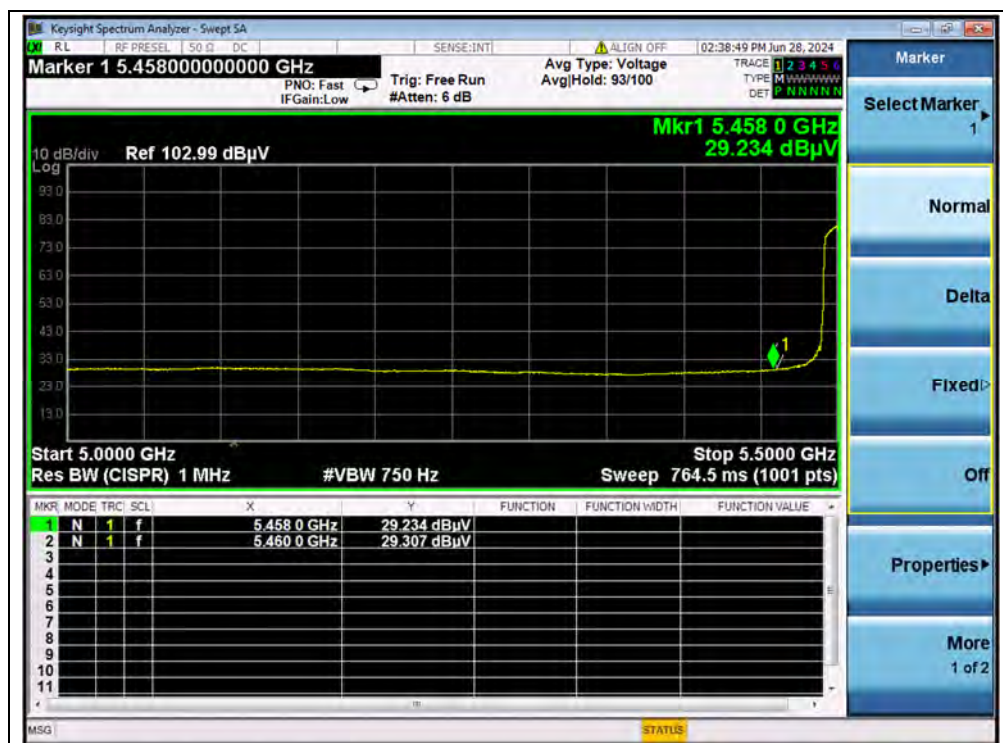
(PEAK, Channel 64, 802.11a)



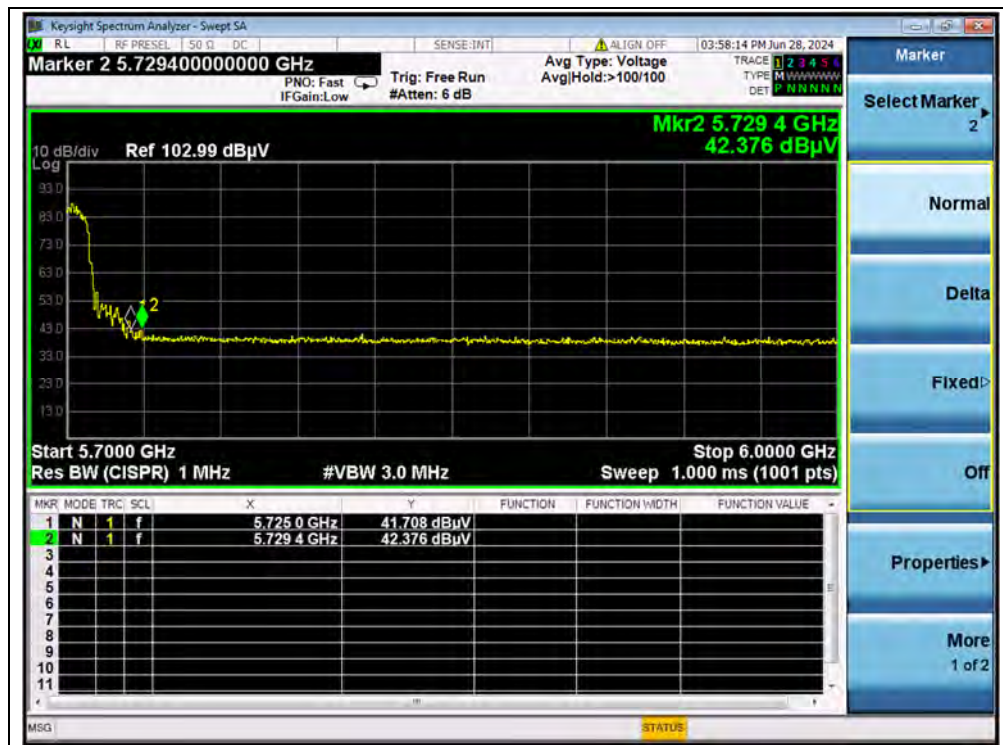
(AVERAGE, Channel 64, 802.11a)



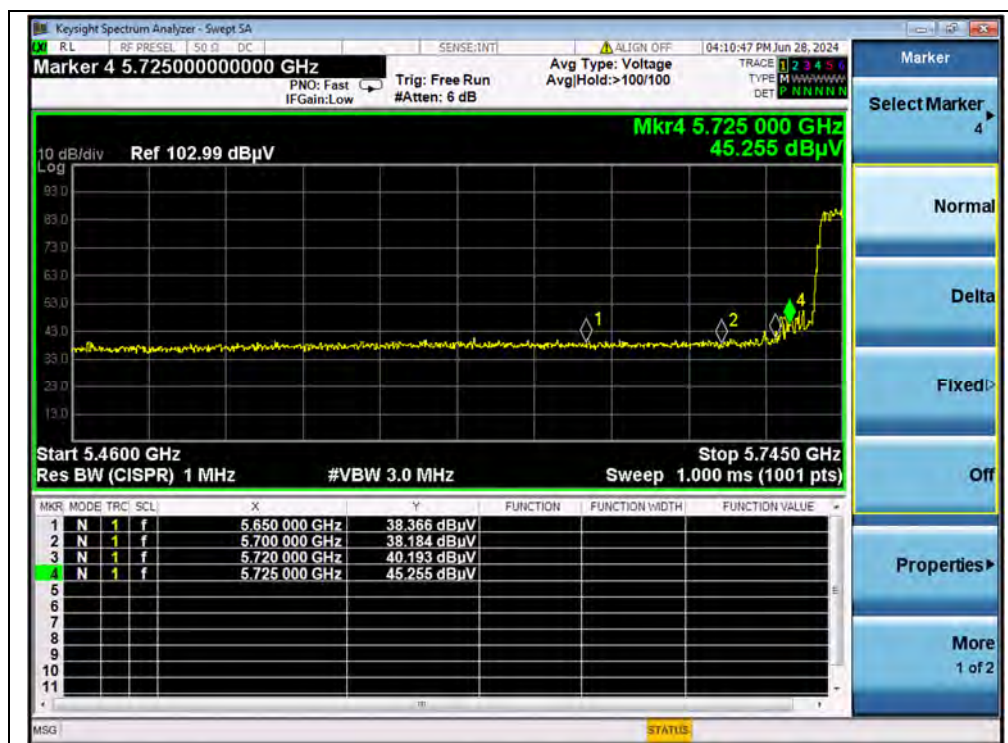
(PEAK, Channel 100, 802.11a)



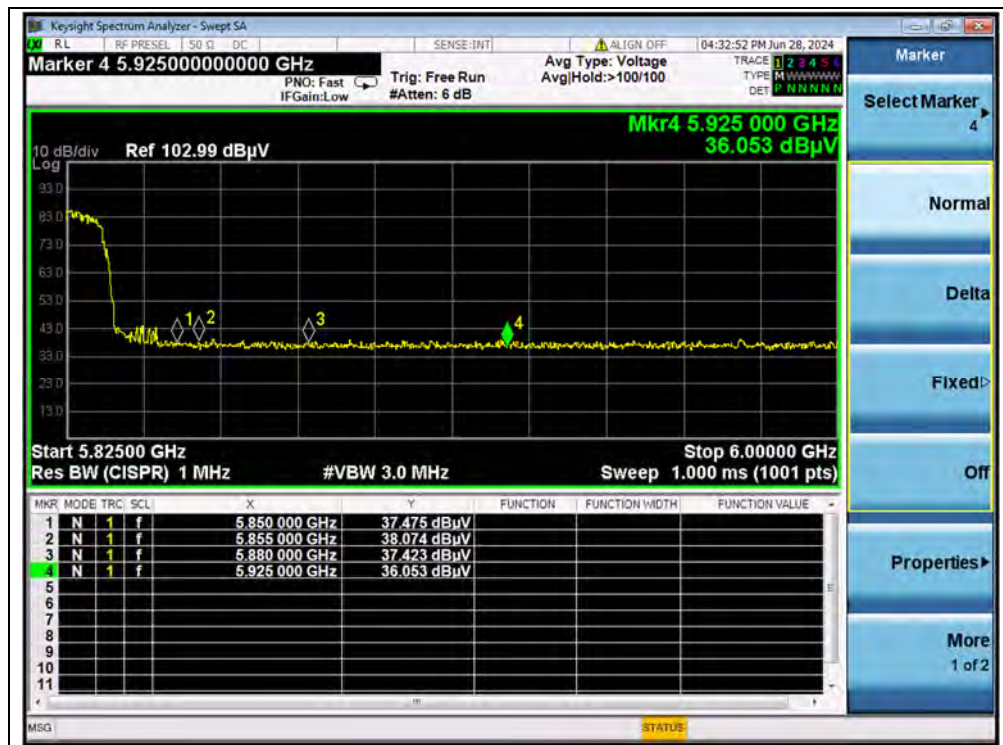
(AVERAGE, Channel 100, 802.11a)



(PEAK, Channel 144, 802.11a)



(PEAK, Channel 149, 802.11a)

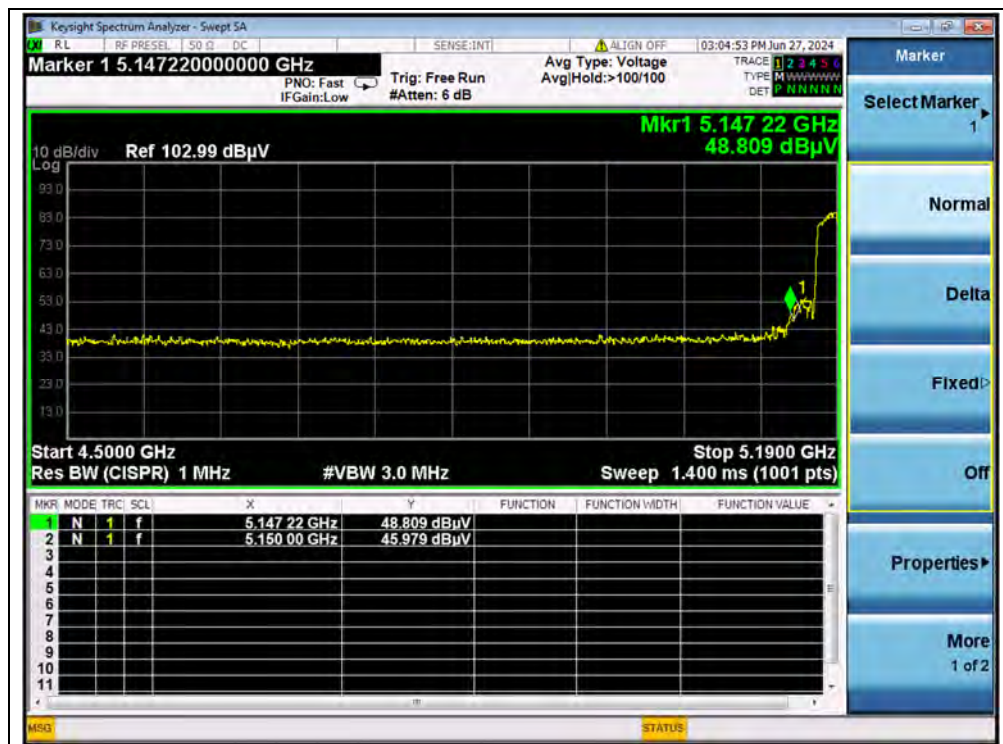


(PEAK, Channel 165, 802.11a)

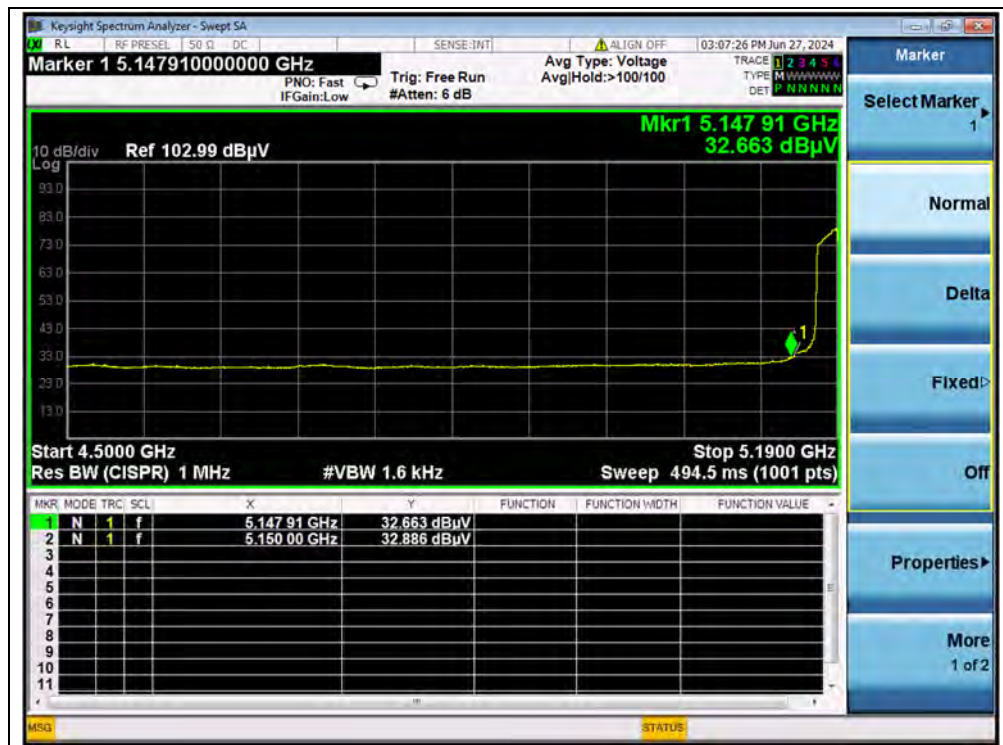


802.11n (HT40) Mode

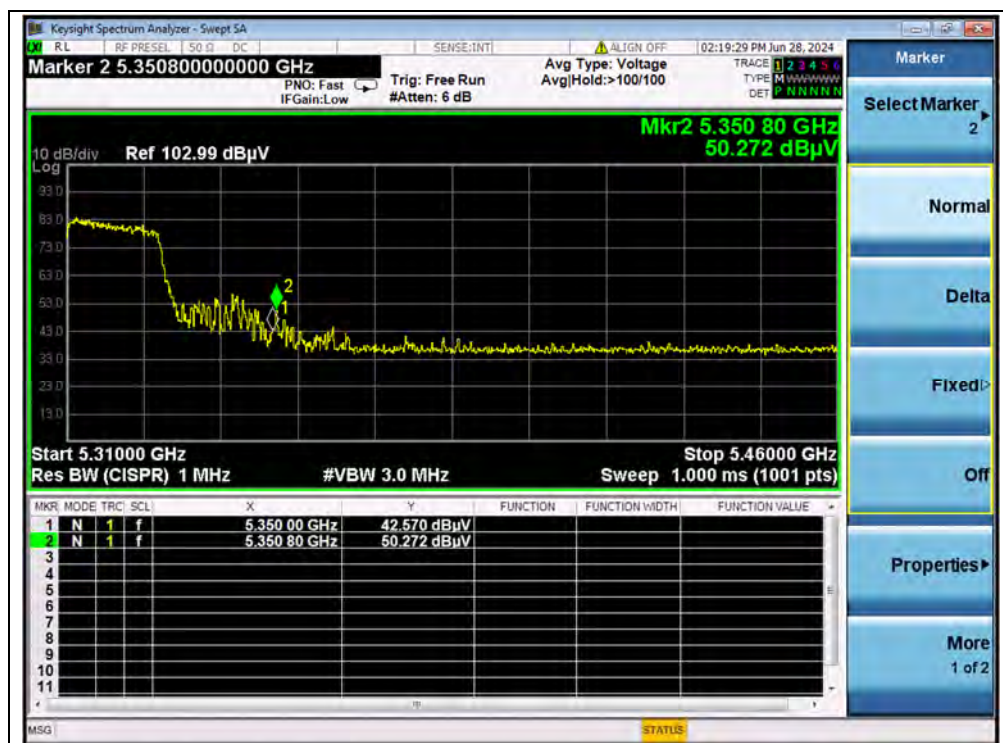
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
38	5147.22	PK	48.81	-21.29	32.20	59.72	74	PASS
38	5150.00	AV	32.89	-21.29	32.20	43.80	54	PASS
62	5350.80	PK	50.27	-20.66	32.20	61.81	74	PASS
62	5350.35	AV	31.55	-20.66	32.20	43.09	54	PASS
102	5468.18	PK	49.96	-20.24	32.20	61.92	68.23	PASS
102	5459.00	AV	30.17	-20.24	32.20	42.13	54	PASS
142	5726.43	PK	40.55	-20.24	32.20	52.51	68.23	PASS
151	5725.00	PK	45.10	-21.11	32.20	56.19	122.23	PASS
159	5850.00	PK	38.52	-21.11	32.20	49.61	122.23	PASS



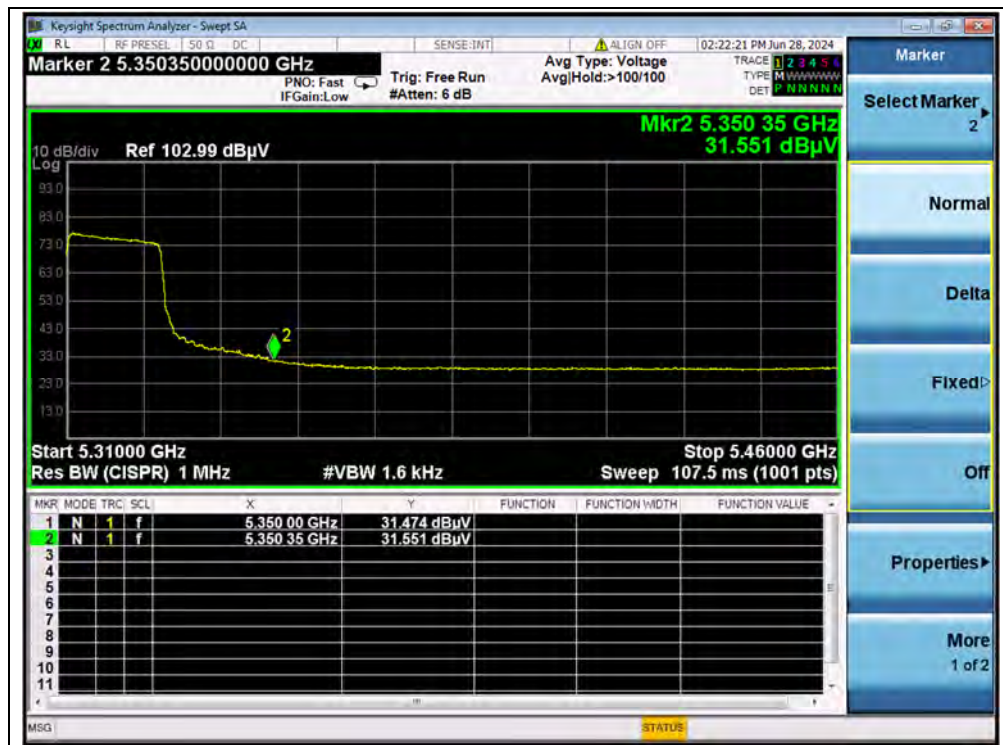
(PEAK, Channel 38, 802.11n (HT40))



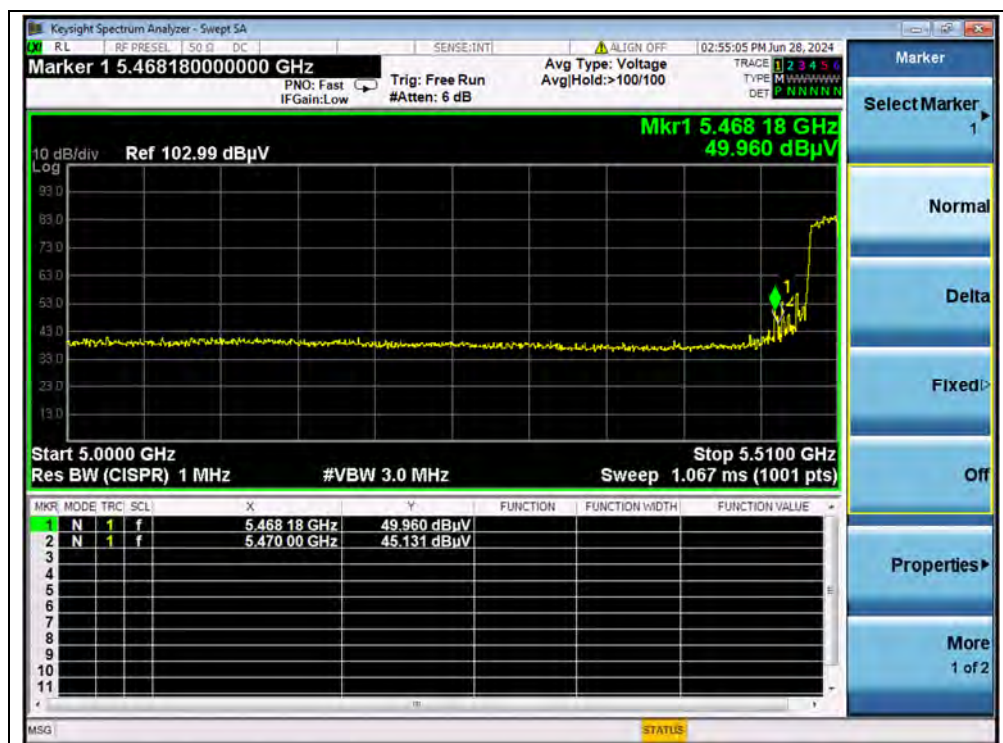
(AVERAGE, Channel 38, 802.11n (HT40))



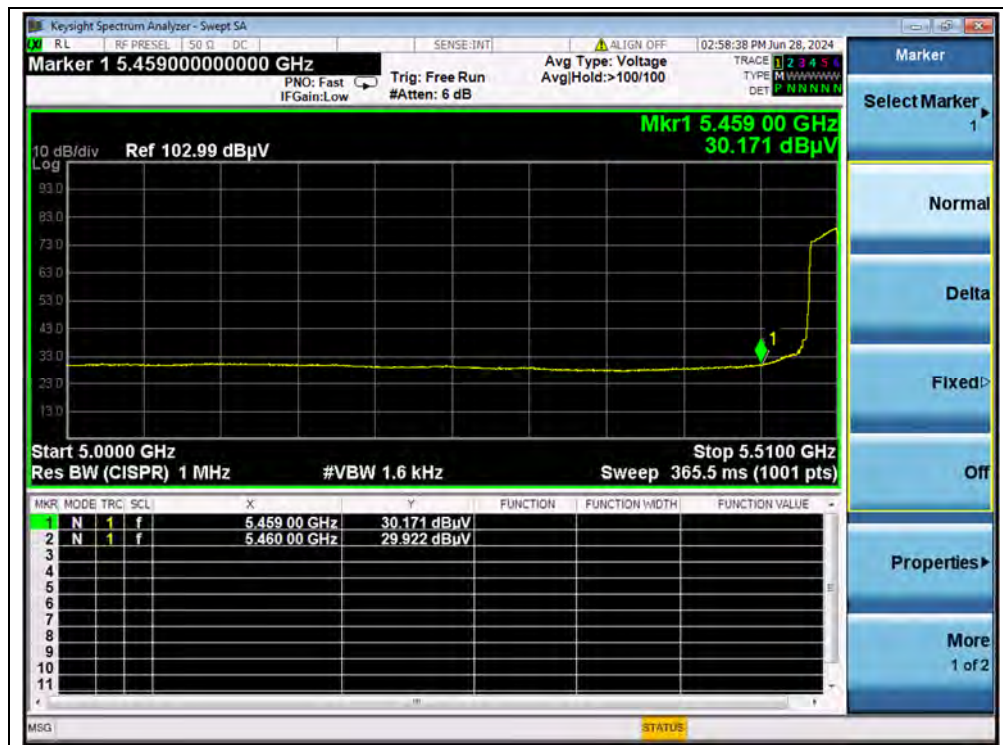
(PEAK, Channel 62, 802.11n (HT40))



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



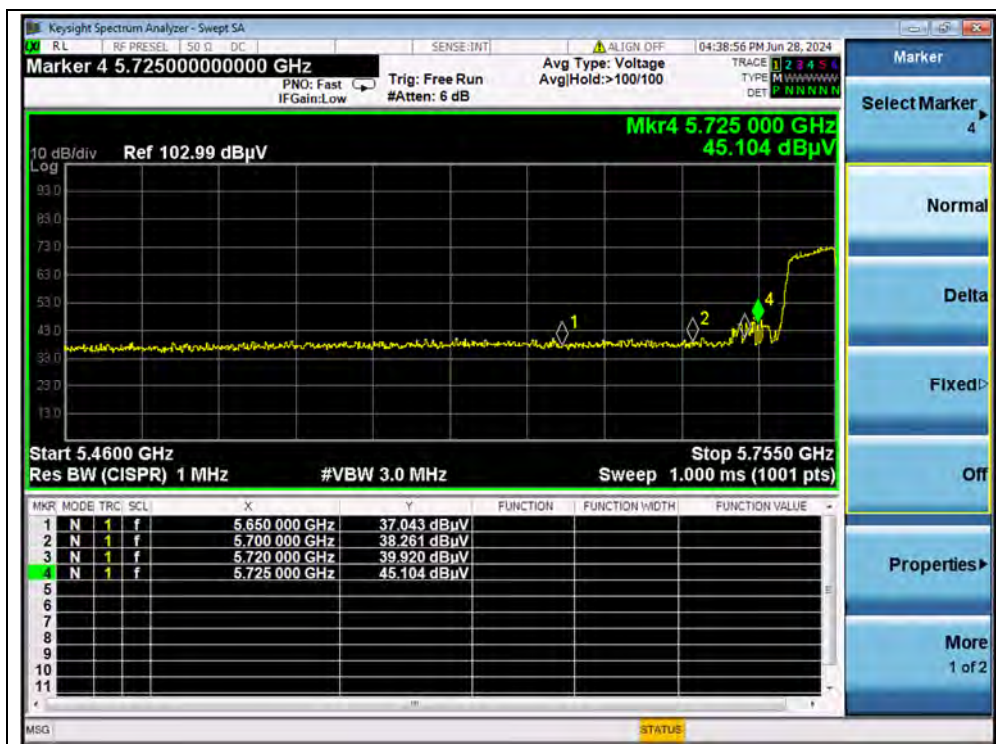
(PEAK, Channel 102, 802.11n (HT40))



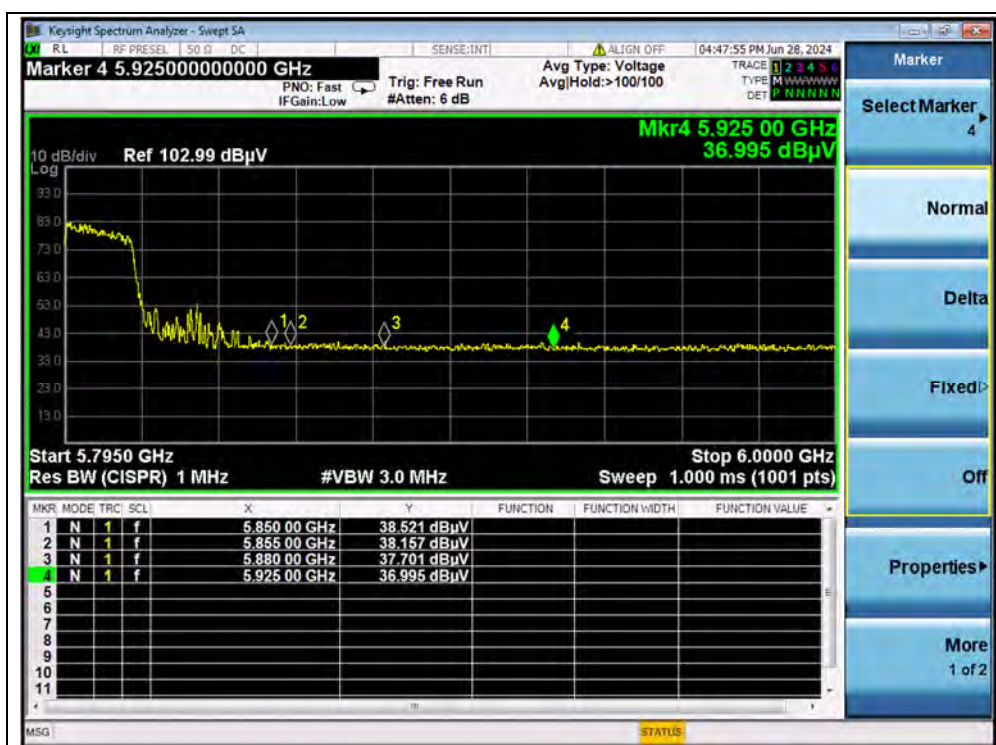
(AVERAGE, Channel 102, 802.11n (HT40))



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



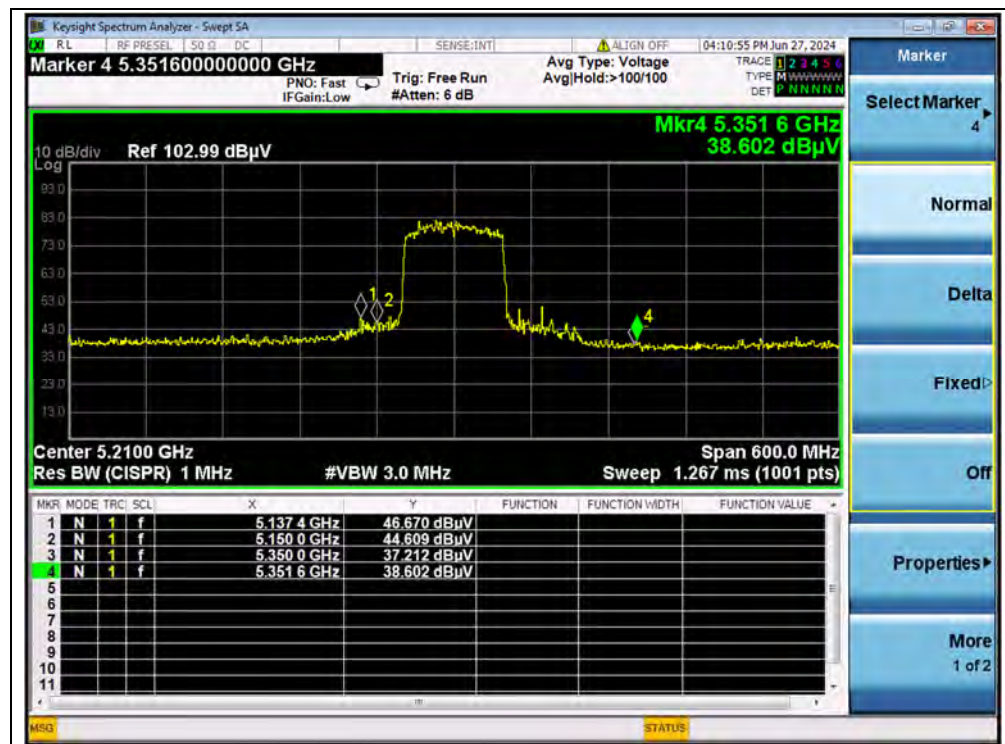
(PEAK, Channel 151, 802.11n (HT40))



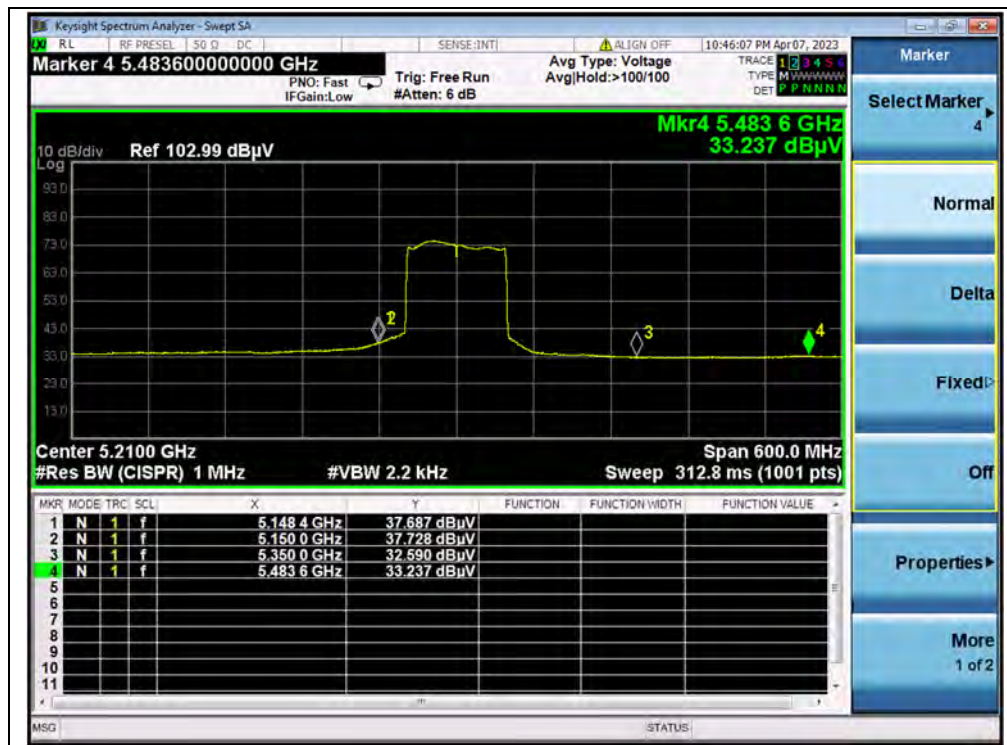
(PEAK, Channel 159, 802.11n (HT40))

**802.11ac (VHT80) Mode**

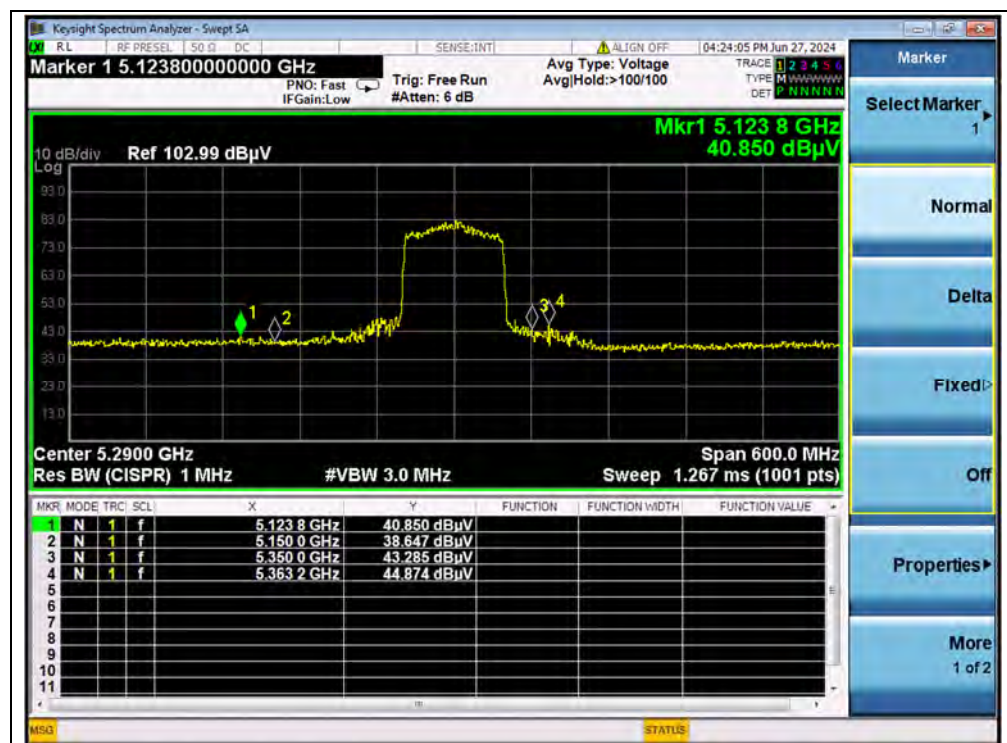
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
42	5137.40	PK	46.67	-21.29	32.20	57.58	74	PASS
42	5144.60	AV	35.67	-21.29	32.20	46.58	54	PASS
58	5363.20	PK	44.87	-20.66	32.20	56.41	74	PASS
58	5350.00	AV	36.82	-20.66	32.20	48.36	54	PASS
106	5467.46	PK	33.56	-20.24	32.20	45.52	68.23	PASS
106	5469.05	AV	48.09	-20.24	32.20	60.05	54	PASS
138	5729.34	PK	40.47	-20.24	32.20	52.43	68.23	PASS
155	5720.00	PK	46.83	-21.11	32.20	57.92	110.83	PASS
155	5855.00	PK	38.45	-21.11	32.20	49.54	122.23	PASS



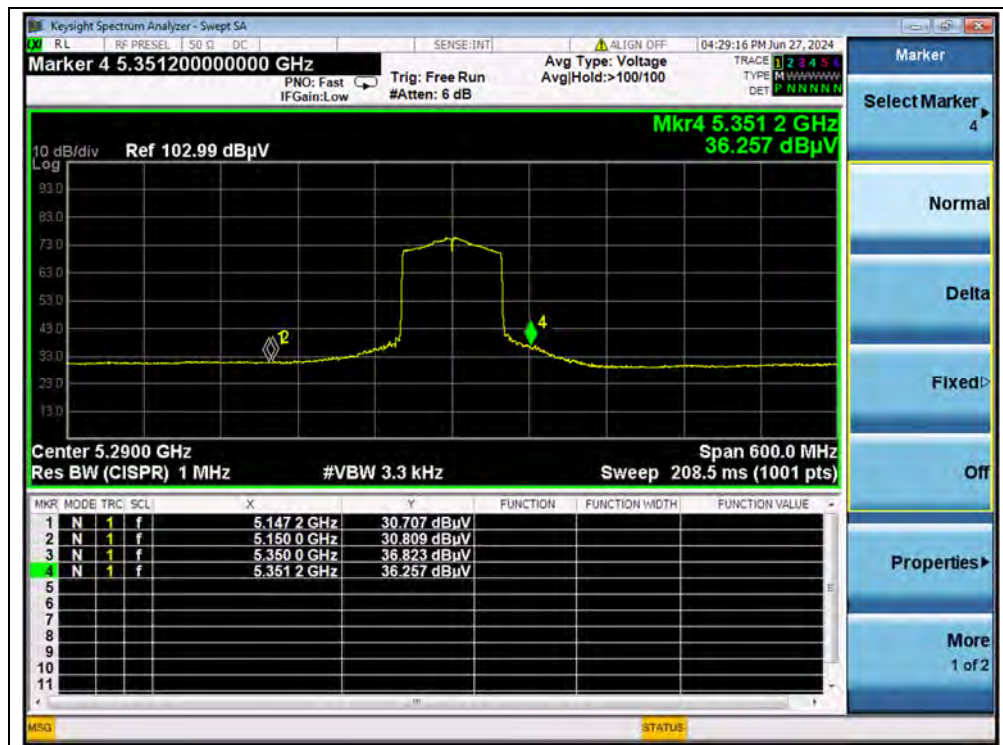
(PEAK, Channel 42, 802.11ac (VHT80))



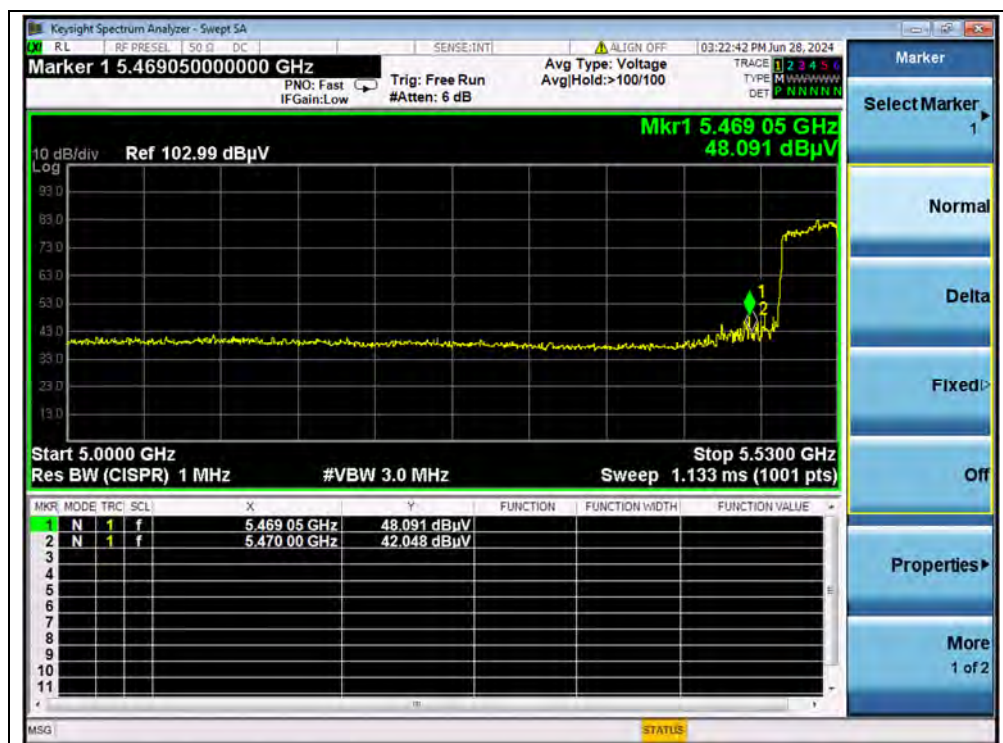
(AVERAGE, Channel 42, 802.11ac (VHT80))



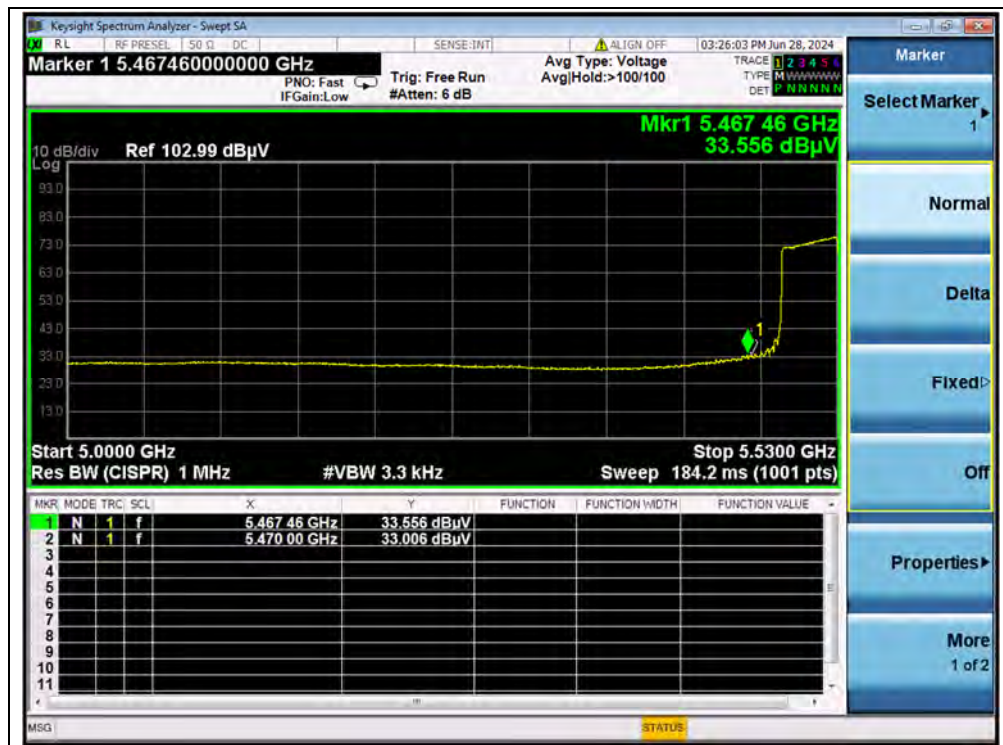
(PEAK, Channel 58, 802.11ac (VHT80))



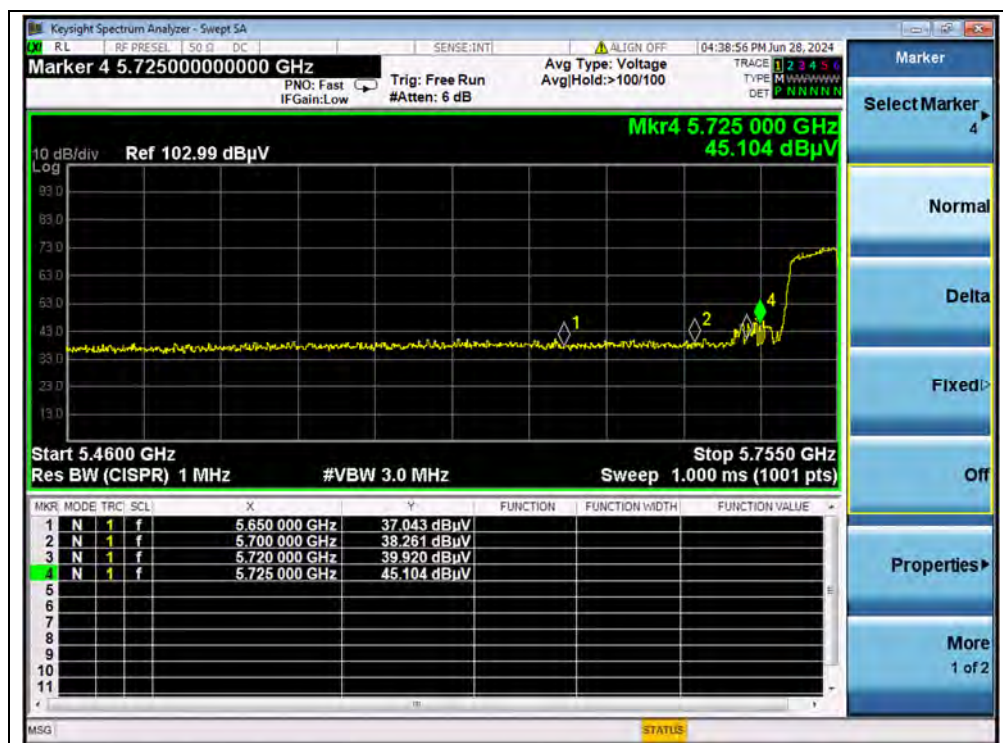
(AVERAGE, Channel 58, 802.11ac (VHT80))



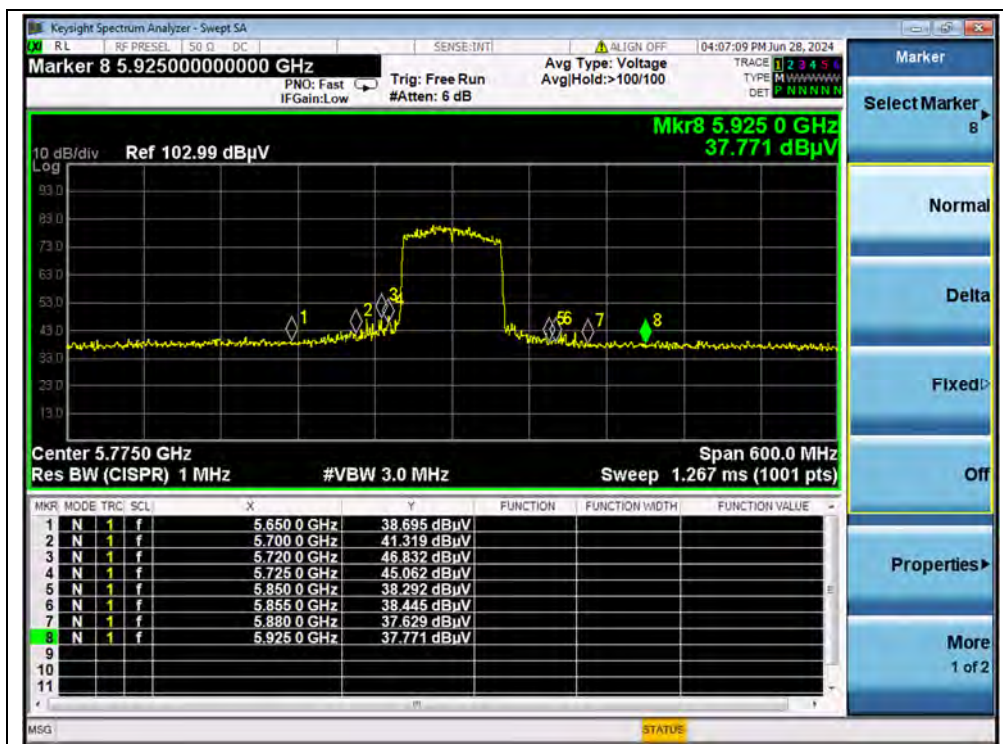
(PEAK, Channel 106, 802.11ac (VHT80))



(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_{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.

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 40GHz 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.

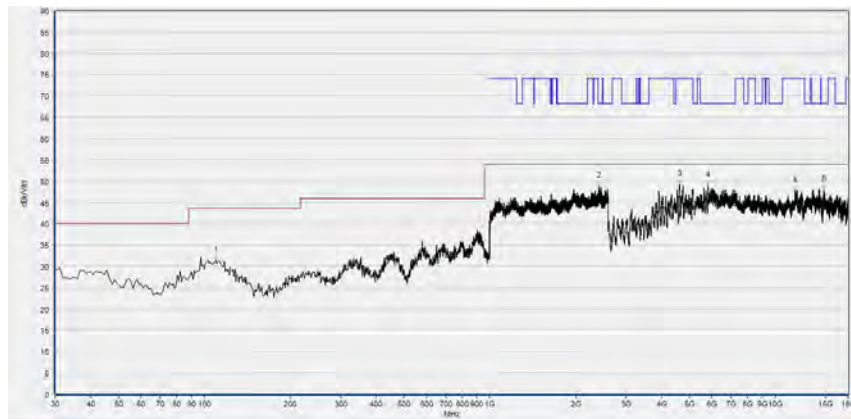
Field strength of fundamental:

Frequency (MHz)	Reading_Peak (dB μ V/m)	Antenna Factor (dB)	Path Loss (dB)	Final_Peak (dB μ V/m)	Antenna Polarity
5196.20	81.91	32.20	-21.29	92.82	Horizontal

The field strength (the lowest) of fundamenta is more than 20dB higher than the unwanted emissions, in accordance with FCC part 15.215(b).

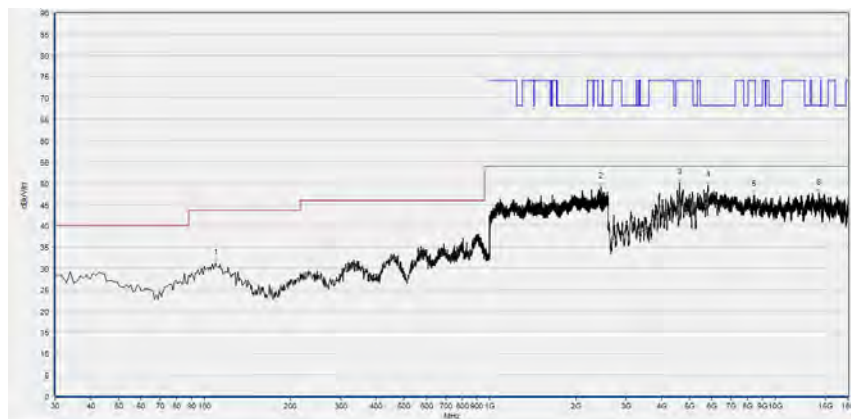
**802.11a Mode**

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
109.540	31.33	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2406.933	48.77	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4623.560	49.35	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5812.440	48.86	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11778.400	47.69	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14833.760	48.04	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

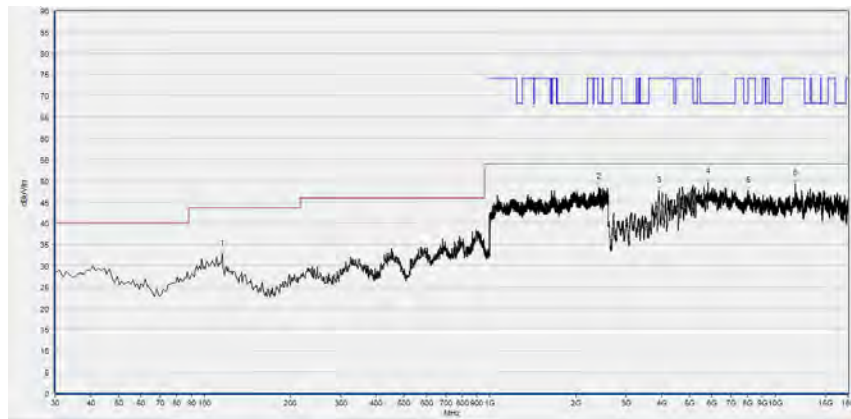
(Antenna Horizontal, 30MHz to 18GHz)



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
109.540	31.15	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2444.800	49.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4623.560	50.05	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5821.680	49.45	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8433.520	47.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14190.040	47.52	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

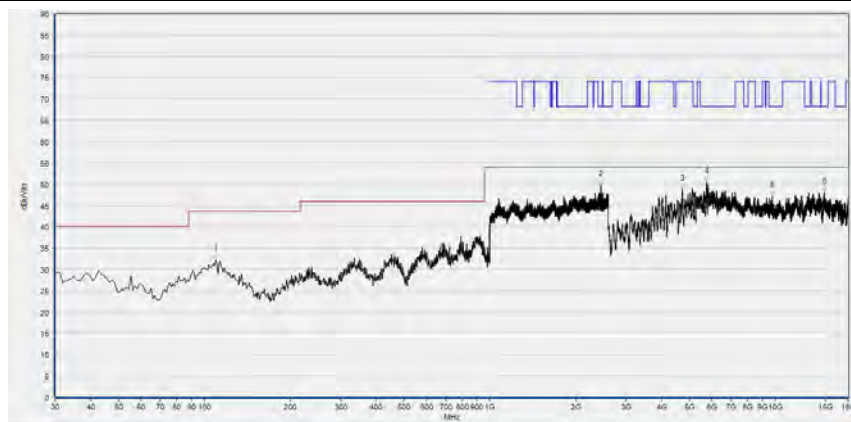
(Antenna Vertical, 30MHz to 18GHz)

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
115.360	32.69	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2409.600	48.50	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
3899.760	47.67	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5815.520	49.66	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8020.800	47.57	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11769.160	49.22	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

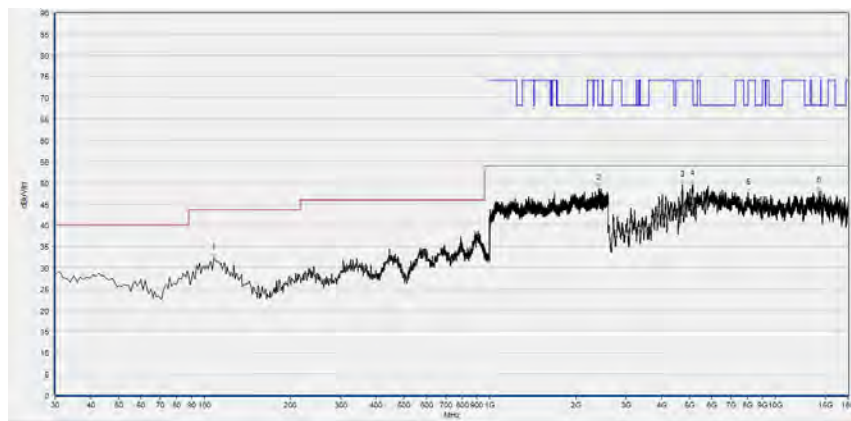
(Antenna Horizontal, 30MHz to 18GHz)



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
109.540	32.13	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2452.267	49.72	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4734.440	48.79	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5741.600	50.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9745.600	47.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14839.920	48.08	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

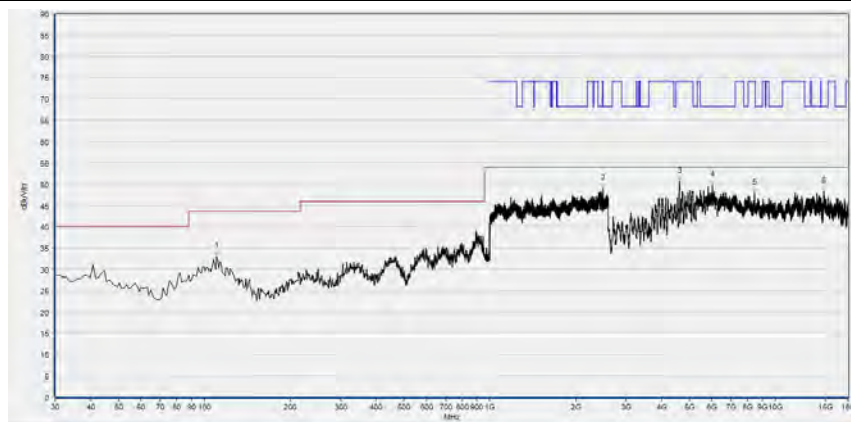
(Antenna Vertical, 30MHz to 18GHz)

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
107.600	32.18	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2413.333	48.56	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4734.440	49.46	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5137.920	49.60	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8051.600	47.62	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14251.640	48.13	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

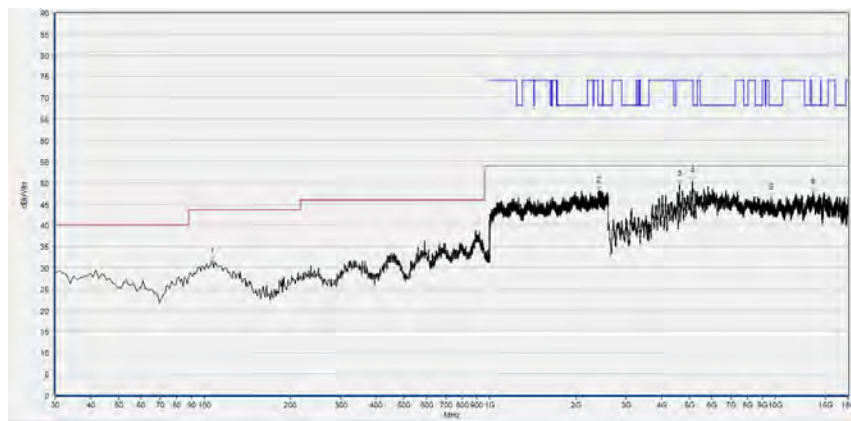
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	33.03	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2494.400	48.96	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4617.400	50.63	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
6031.120	49.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8448.920	47.97	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14827.600	48.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

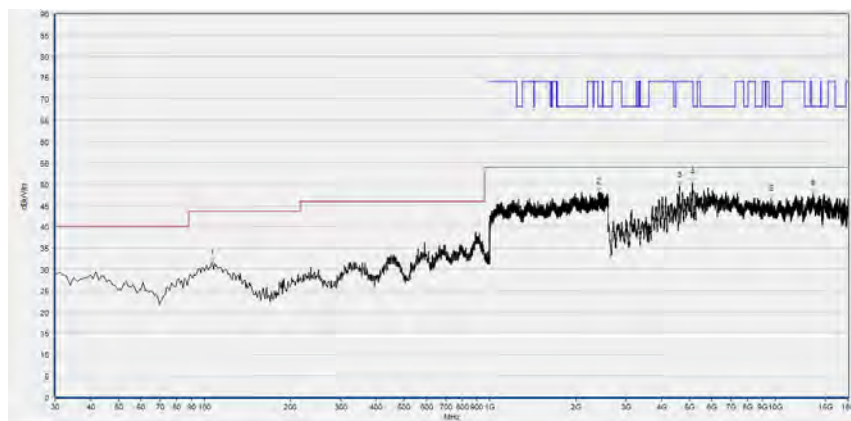
(Antenna Vertical, 30MHz to 18GHz)

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
106.630	31.35	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2415.467	48.08	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4614.320	49.69	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5119.440	50.30	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9640.880	46.46	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13595.600	47.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

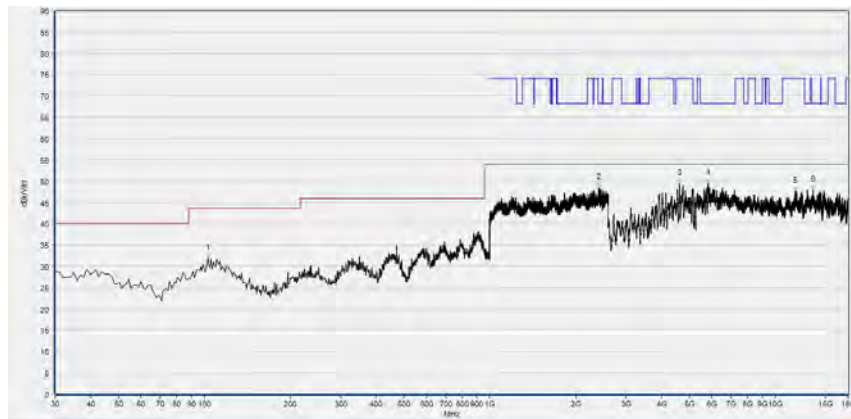


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	31.35	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2415.467	48.08	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4614.320	49.69	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5119.440	50.30	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
9640.880	46.46	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13595.600	47.82	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

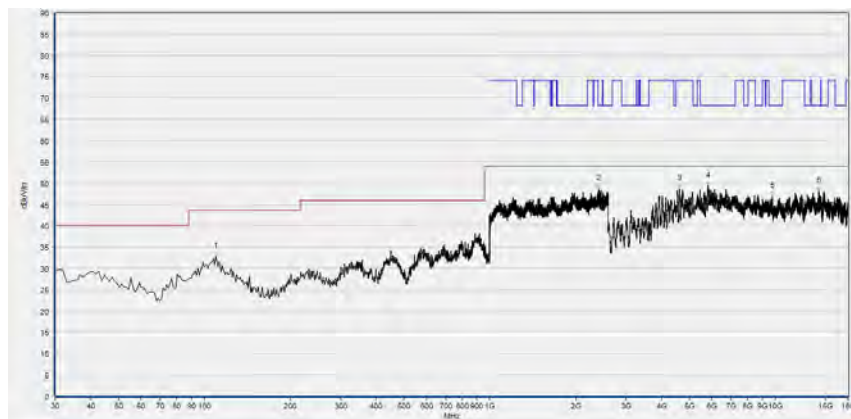
**802.11n (HT40) mode**

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
102.750	31.92	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2406.400	48.38	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4620.480	49.51	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5815.520	49.43	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
11769.160	47.66	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
13577.120	47.92	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

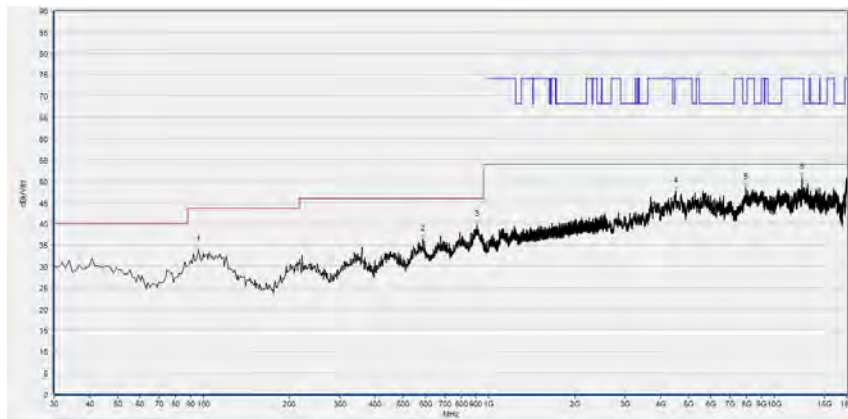


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
109.540	32.63	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2415.467	48.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4617.400	48.63	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5812.440	49.23	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
9764.080	46.94	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14190.040	48.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

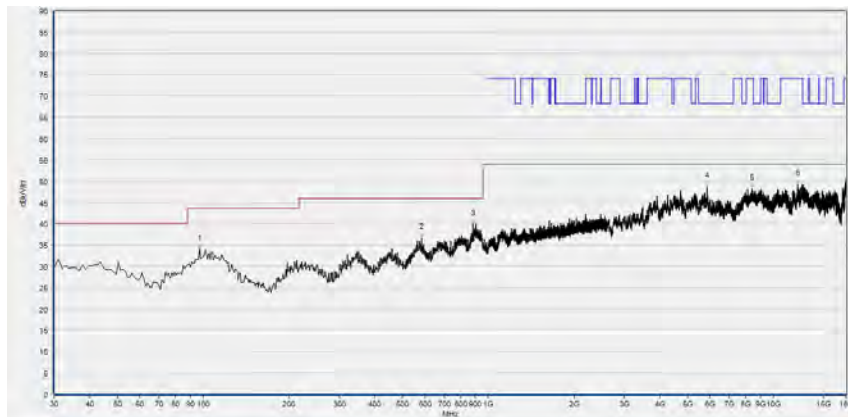


Plot for Channel 54



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
96.026	33.79	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
587.337	36.40	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
907.758	39.70	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
4522.304	47.56	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7963.353	48.49	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12525.745	50.85	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

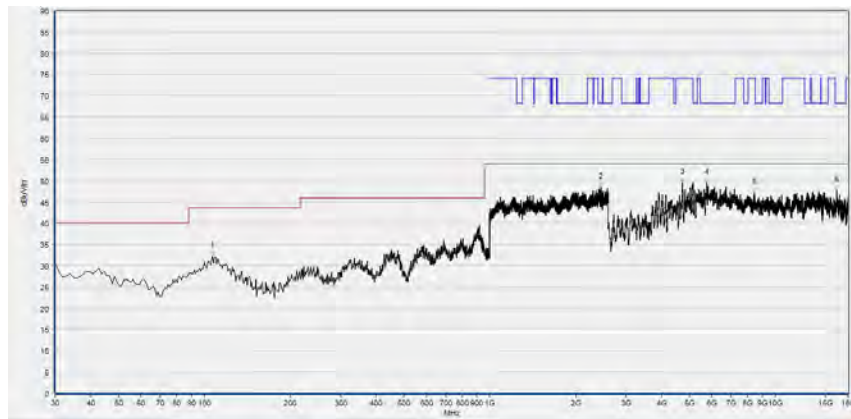
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
96.997	34.06	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
583.453	36.65	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
882.513	39.91	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
5862.372	48.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8434.687	48.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12152.991	49.21	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

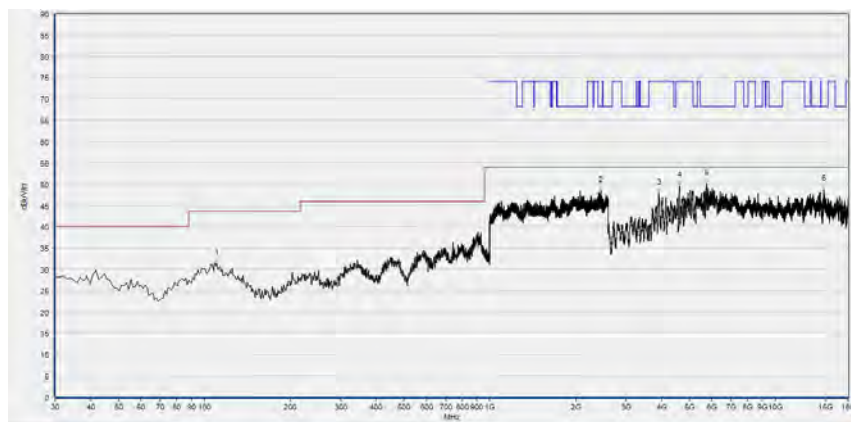
(Antenna Vertical, 30MHz to 18GHz)

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
106.630	32.26	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2449.600	48.36	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4731.360	49.58	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5753.920	49.42	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8436.600	47.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
16447.680	47.74	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

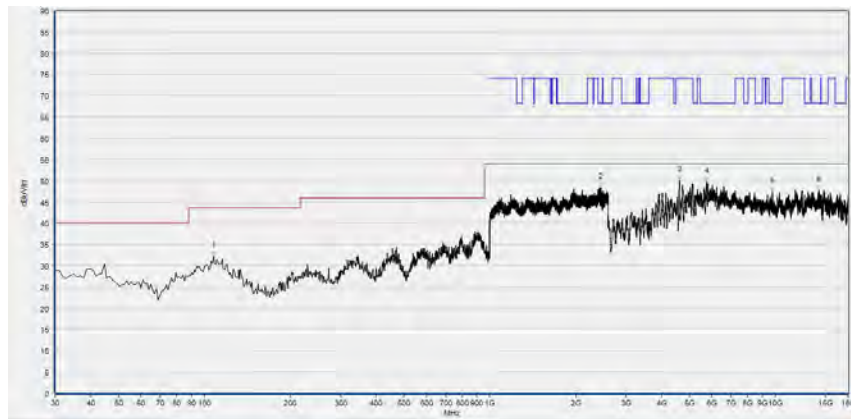


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
110.510	31.26	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2443.733	48.50	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
3905.920	47.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4611.240	49.53	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5747.760	50.13	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14762.920	48.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

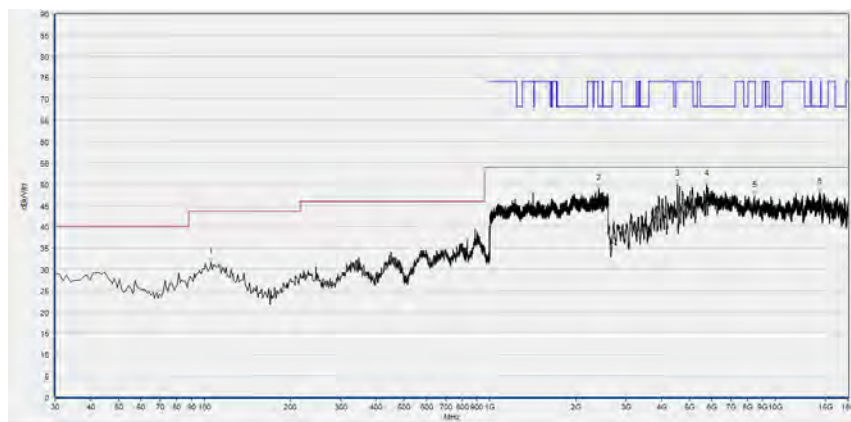


Plot for Channel 126



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
107.600	32.10	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2450.667	48.48	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
4617.400	50.14	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5753.920	49.70	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
9751.760	47.48	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14211.600	47.77	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

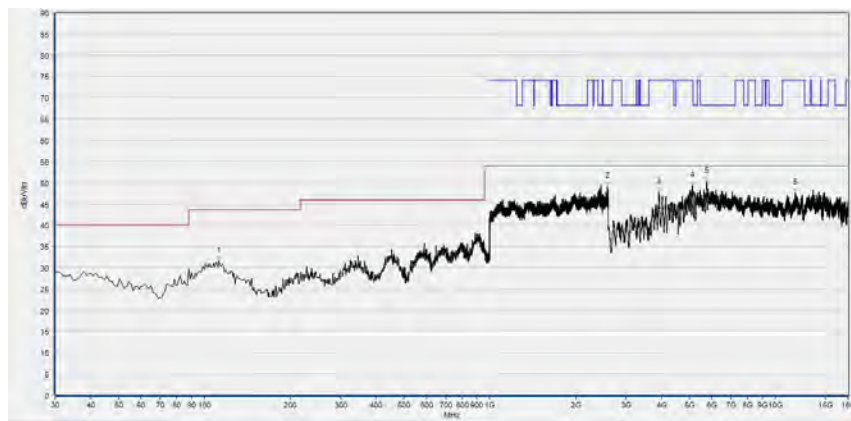
(Antenna Horizontal, 30MHz to 18GHz)



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
105.660	31.67	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2411.200	48.97	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4543.480	49.89	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5750.840	49.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8461.240	47.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14254.720	48.15	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

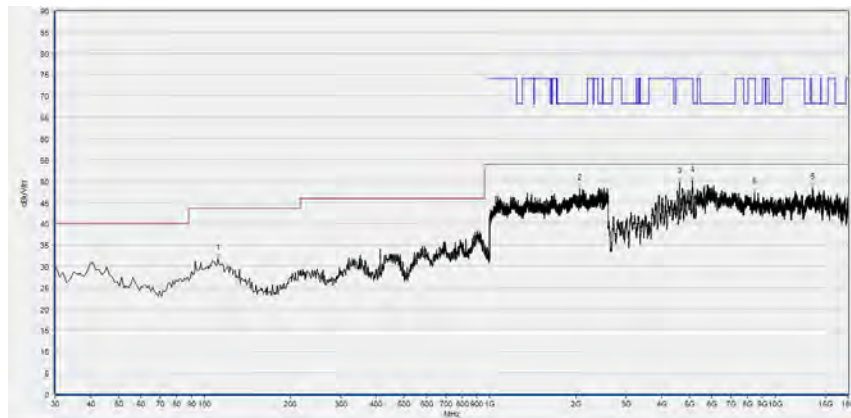
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 159



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
112.450	31.44	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2582.400	49.14	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
3909.000	47.75	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5137.920	49.20	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5750.840	50.26	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11778.400	47.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

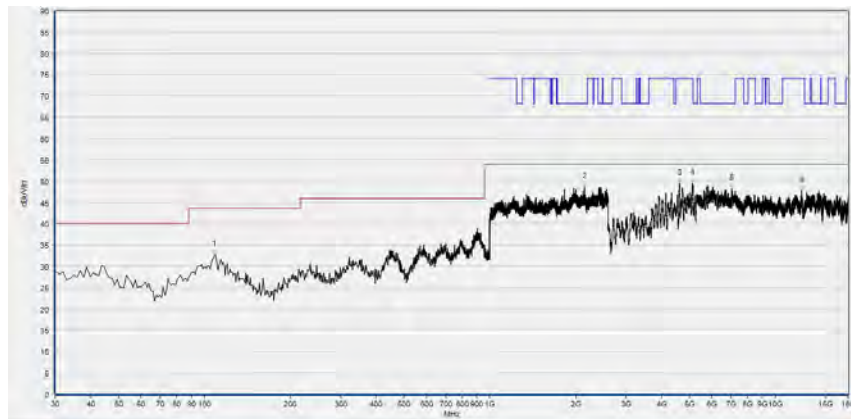


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	31.87	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2067.200	48.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4611.240	49.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5119.440	50.07	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8442.760	47.35	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13475.480	48.42	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

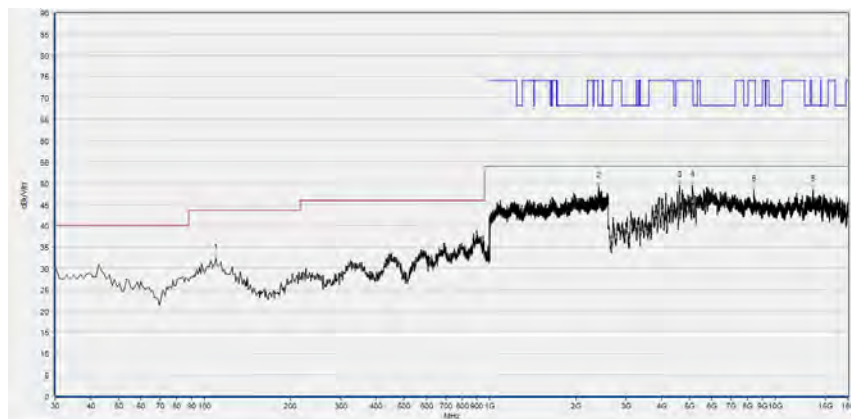
**802.11ac (VHT80) Mode**

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
108.570	32.71	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2152.533	48.56	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4614.320	49.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5134.840	49.47	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
7041.360	48.29	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12406.720	47.70	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

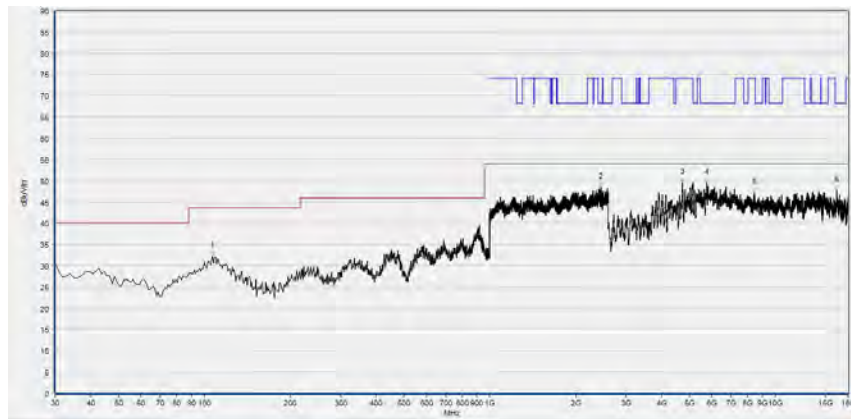
(Antenna Horizontal, 30MHz to 18GHz)



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
109.540	32.41	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2408.000	49.31	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4614.320	49.43	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5131.760	49.45	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8396.560	48.35	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
13558.640	48.42	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

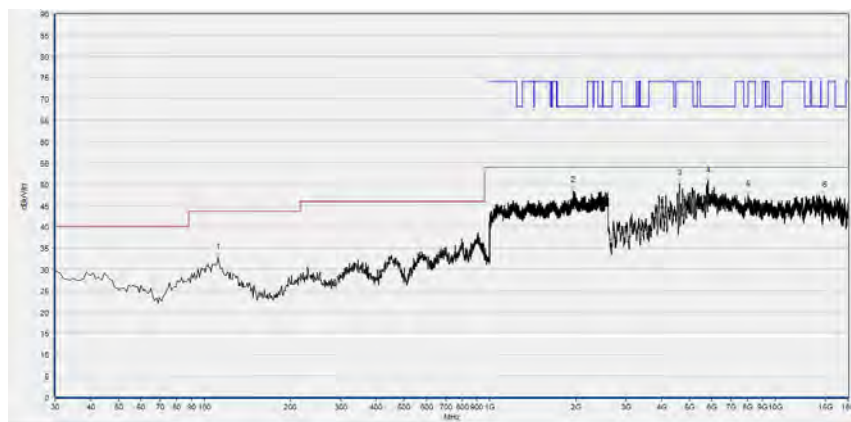
(Antenna Vertical, 30MHz to 18GHz)

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
106.630	32.26	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2449.600	48.36	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4731.360	49.58	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5753.920	49.42	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
8436.600	47.07	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
16447.680	47.74	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

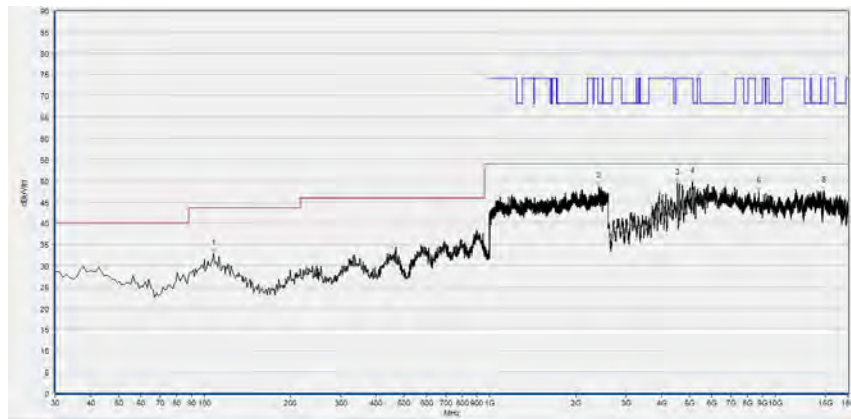


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	32.61	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1962.667	48.43	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
4611.240	50.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5803.200	50.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
8026.960	47.51	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14846.080	47.25	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

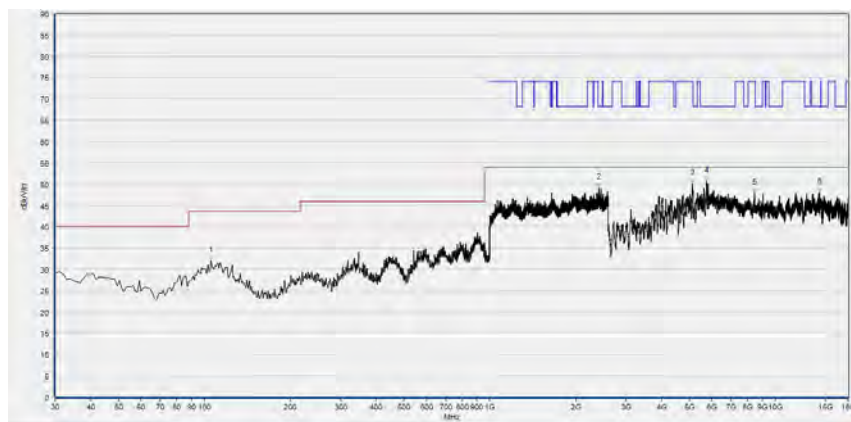


Plot for Channel 122



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
107.600	32.88	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2408.533	48.58	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4543.480	49.46	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5122.520	49.74	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
8769.240	47.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
14809.120	47.58	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

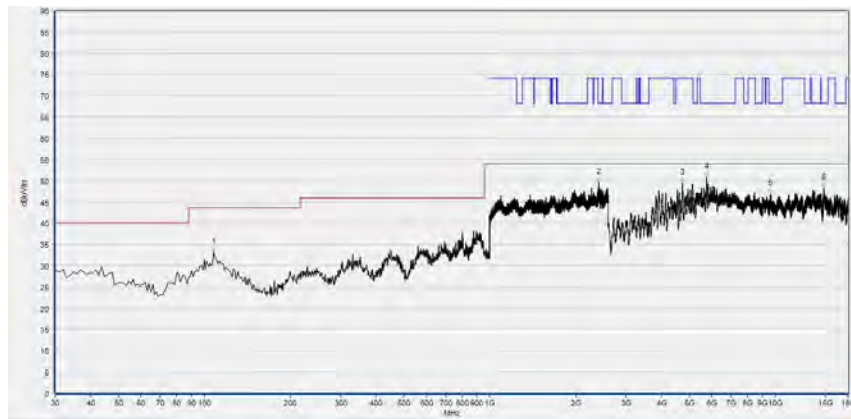
(Antenna Horizontal, 30MHz to 18GHz)



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
105.660	31.95	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2411.200	49.04	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5119.440	50.18	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5738.520	50.66	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8445.840	47.95	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
14260.880	48.04	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

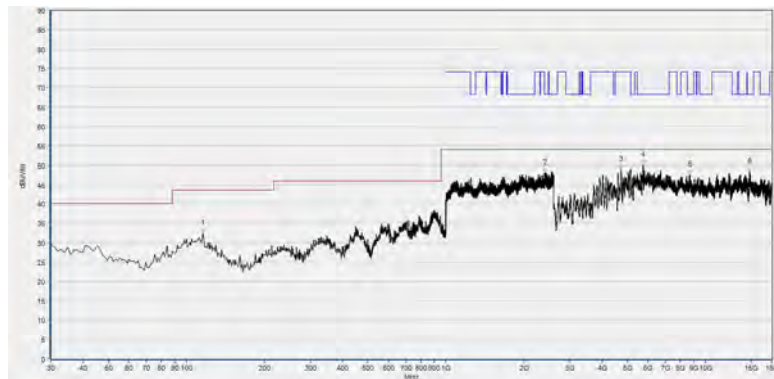
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 155



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	33.10	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
2405.867	49.56	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4737.520	49.39	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5738.520	50.85	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
9628.560	46.95	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
14806.040	48.34	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
115.360	32.59	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
2405.867	48.02	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4737.520	48.88	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5753.920	50.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8701.480	47.53	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14790.640	48.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT