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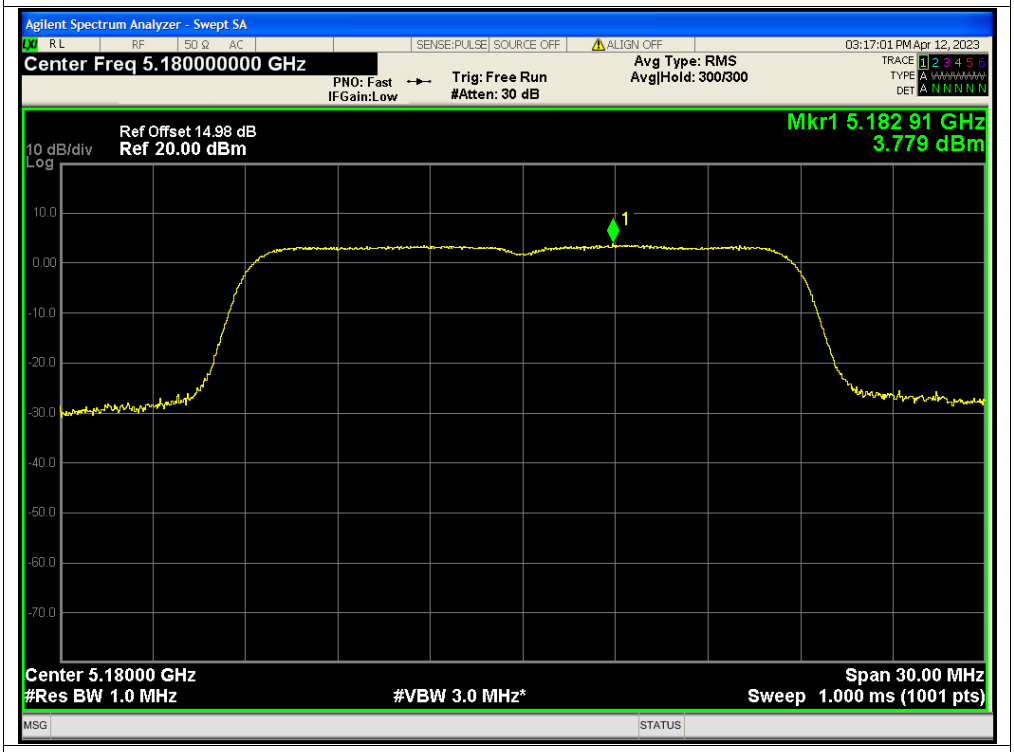

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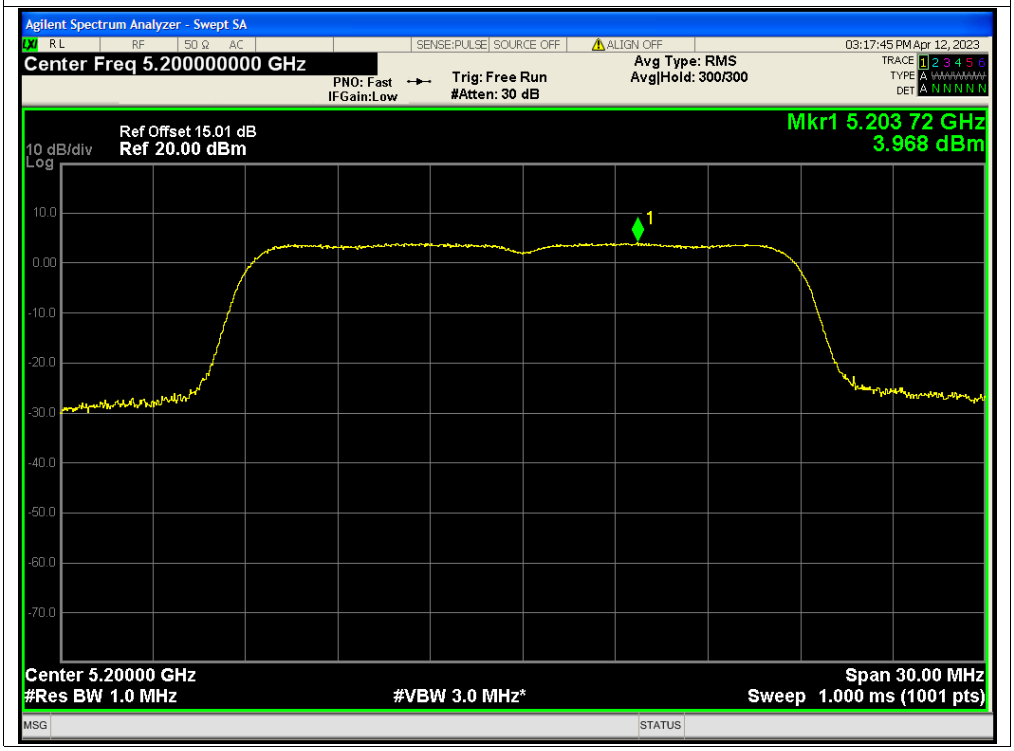

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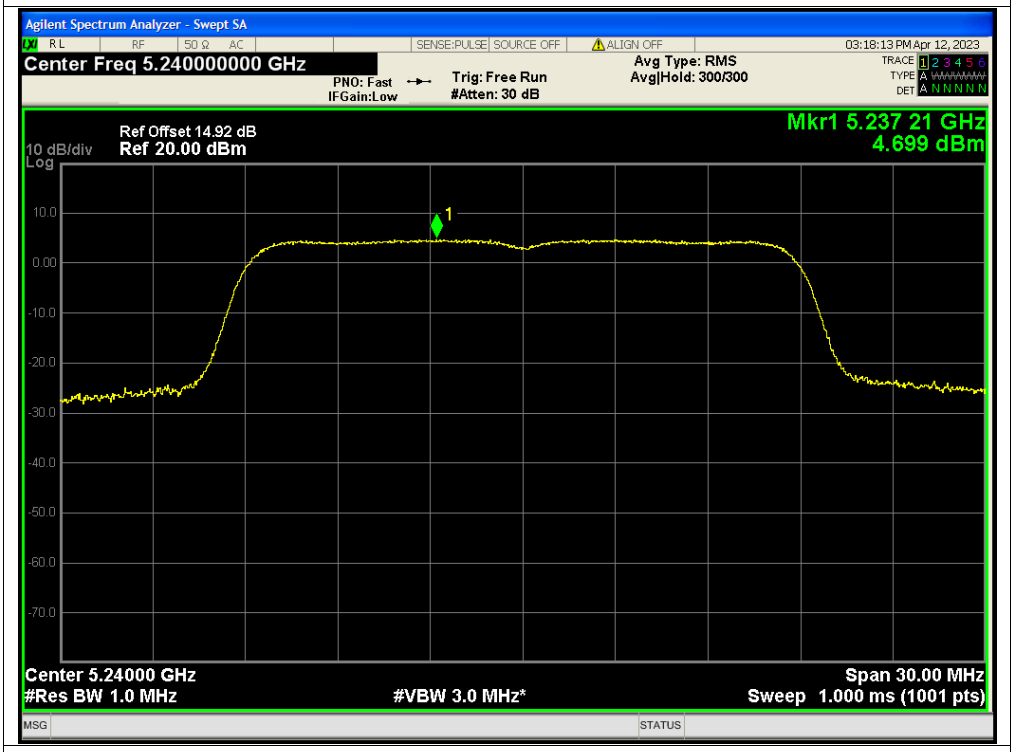

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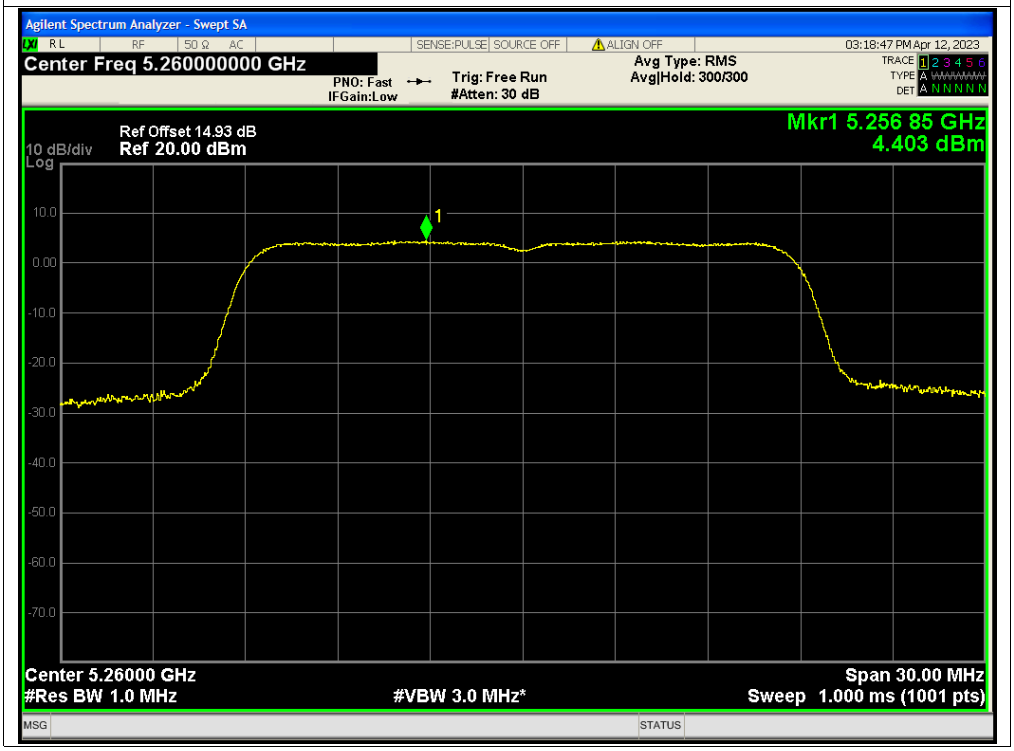

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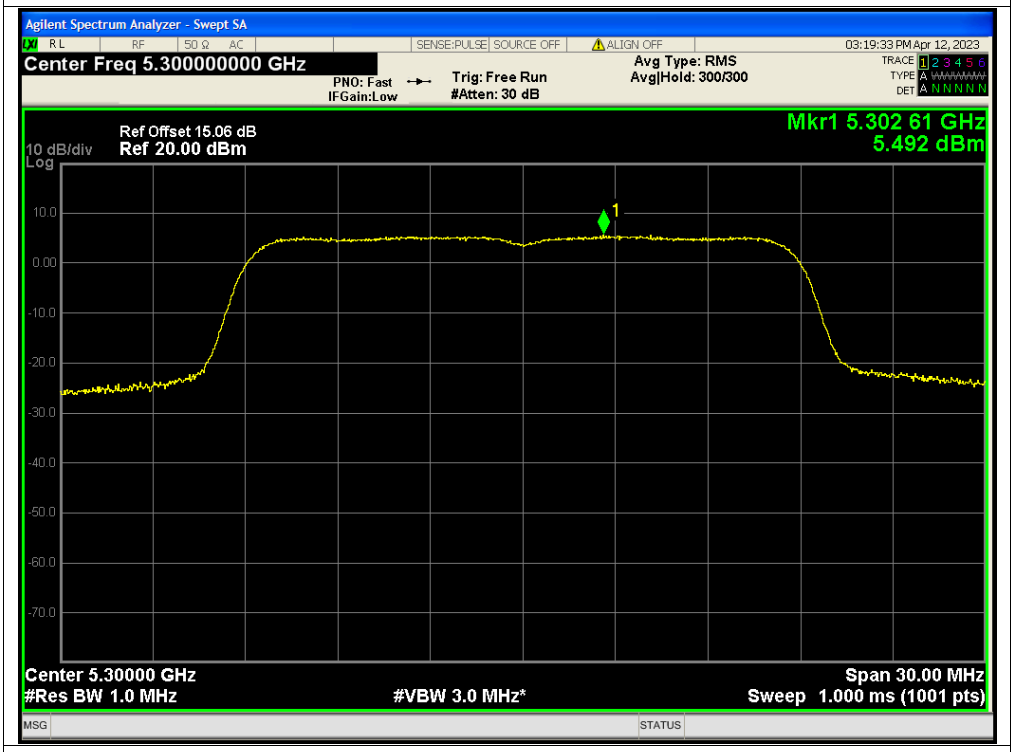

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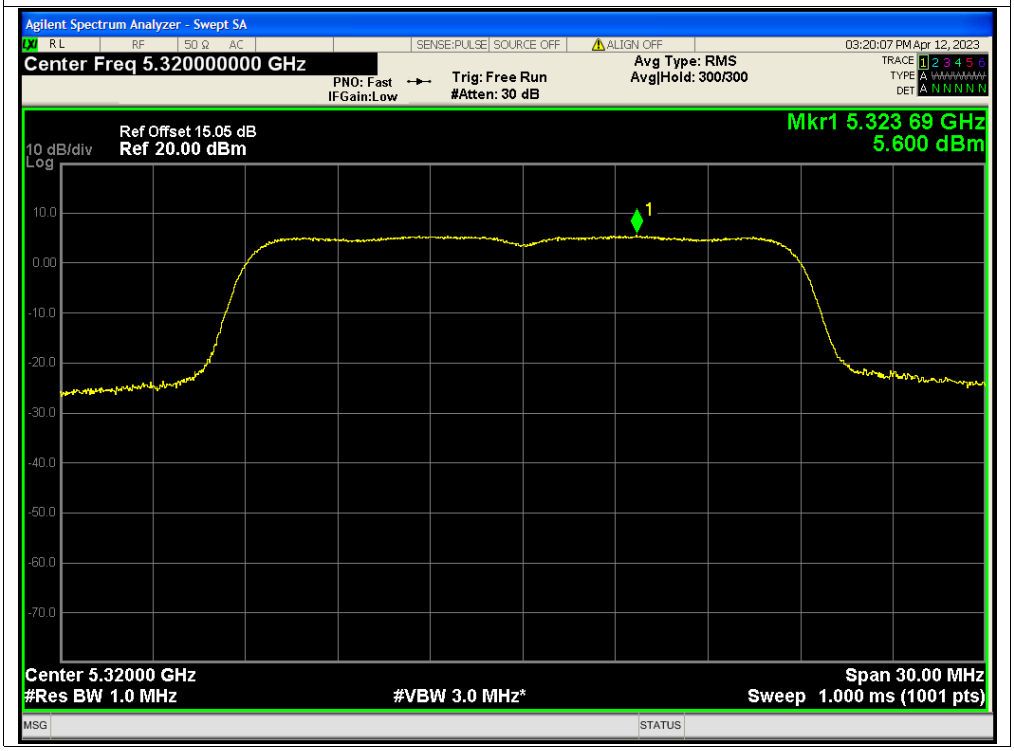

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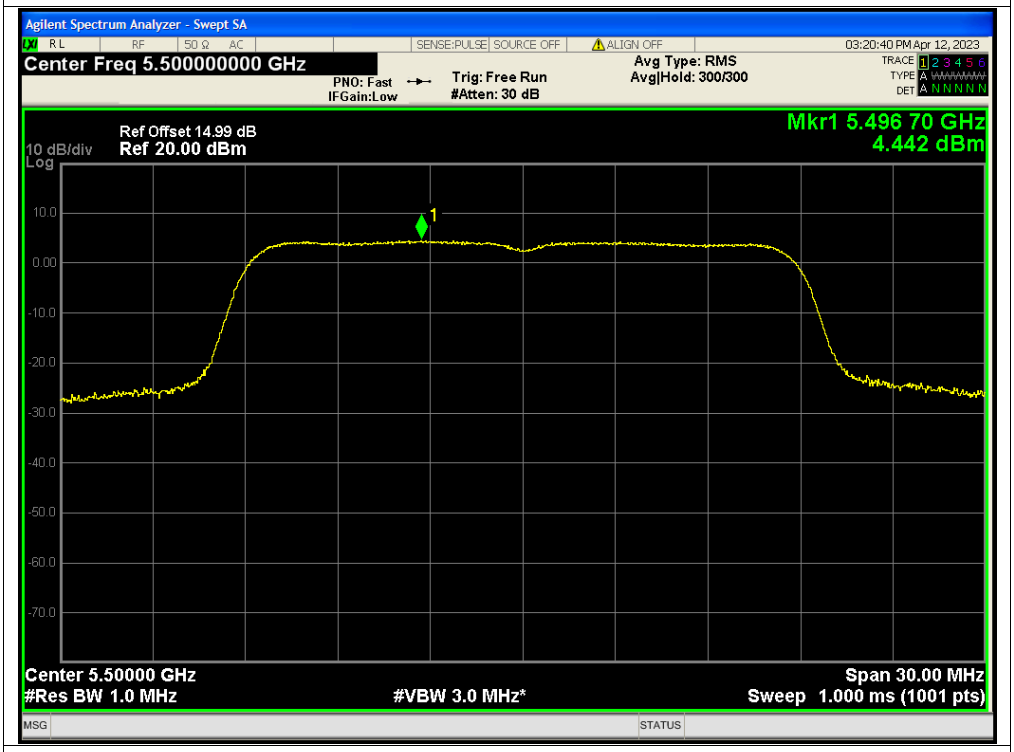
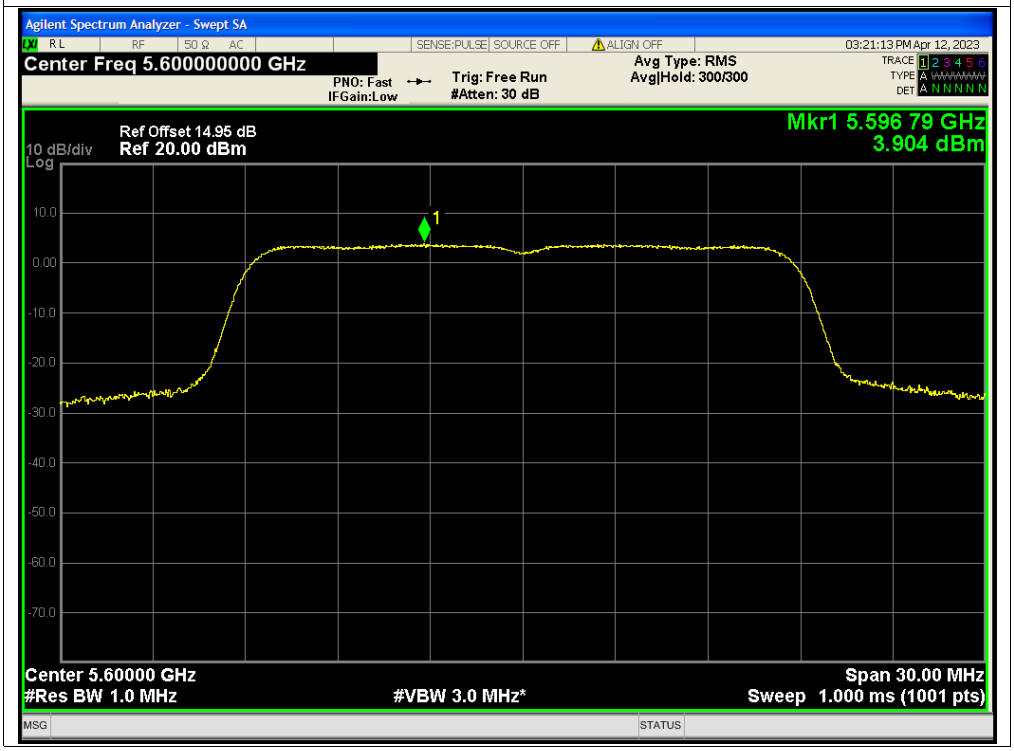


PSD NVNT n20 5600MHz Ant1



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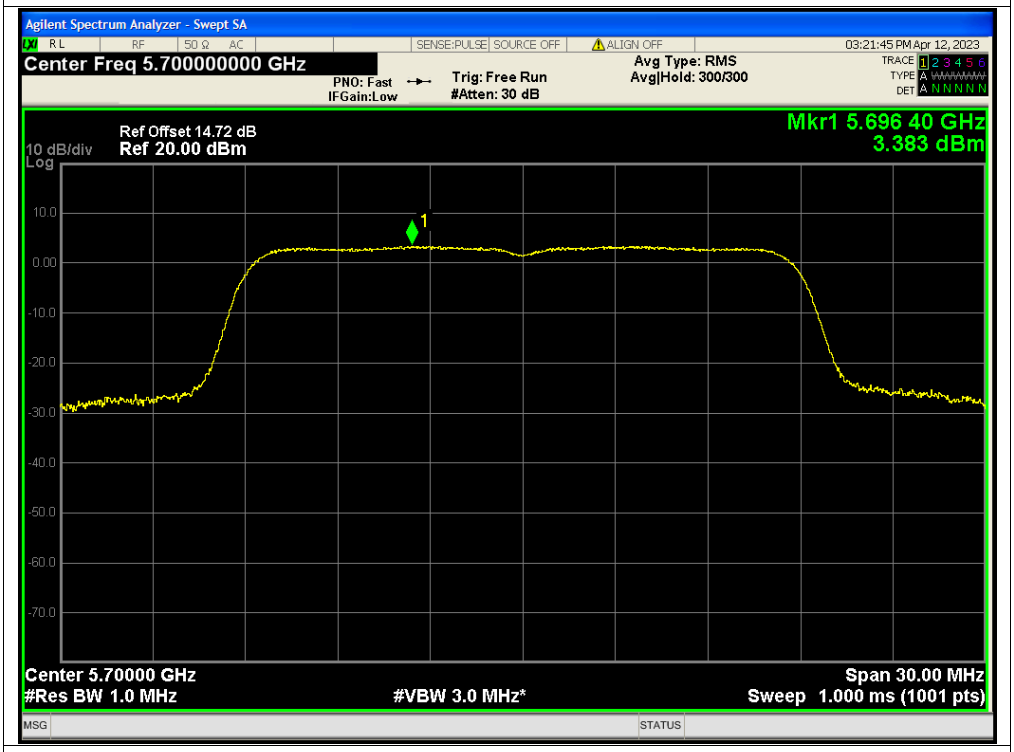

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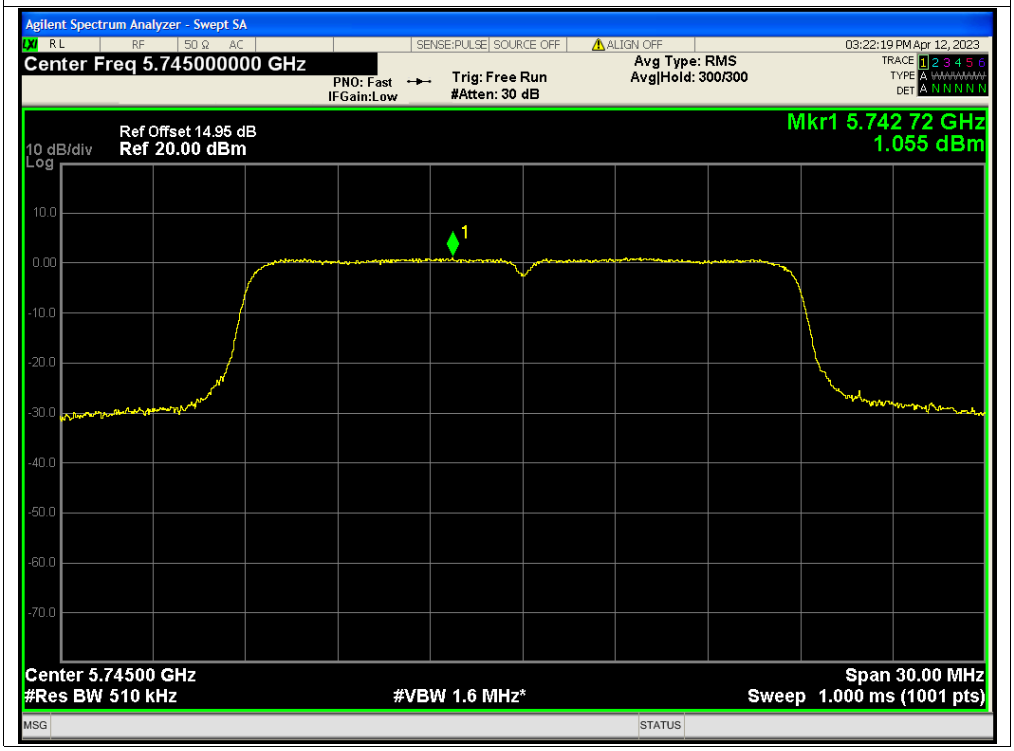

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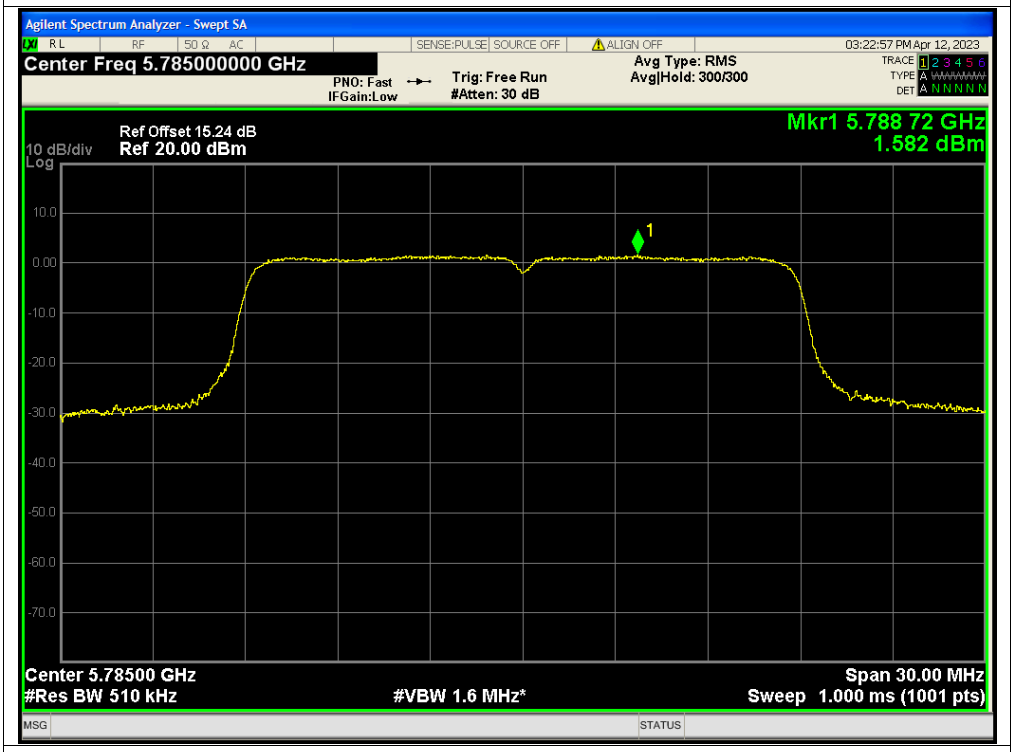

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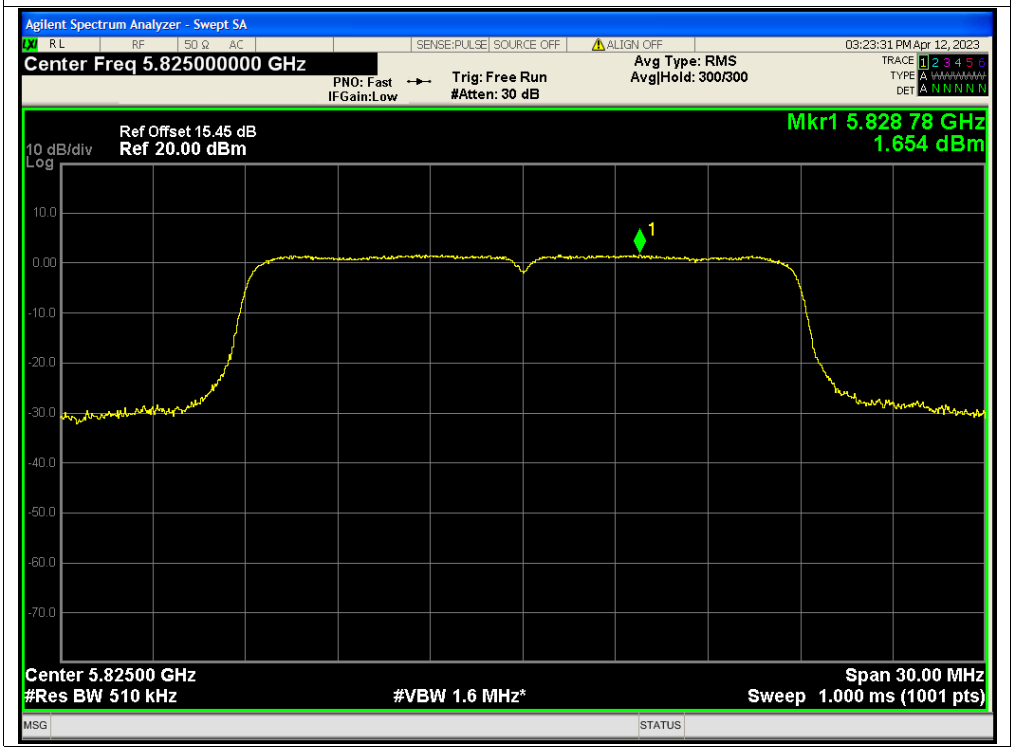

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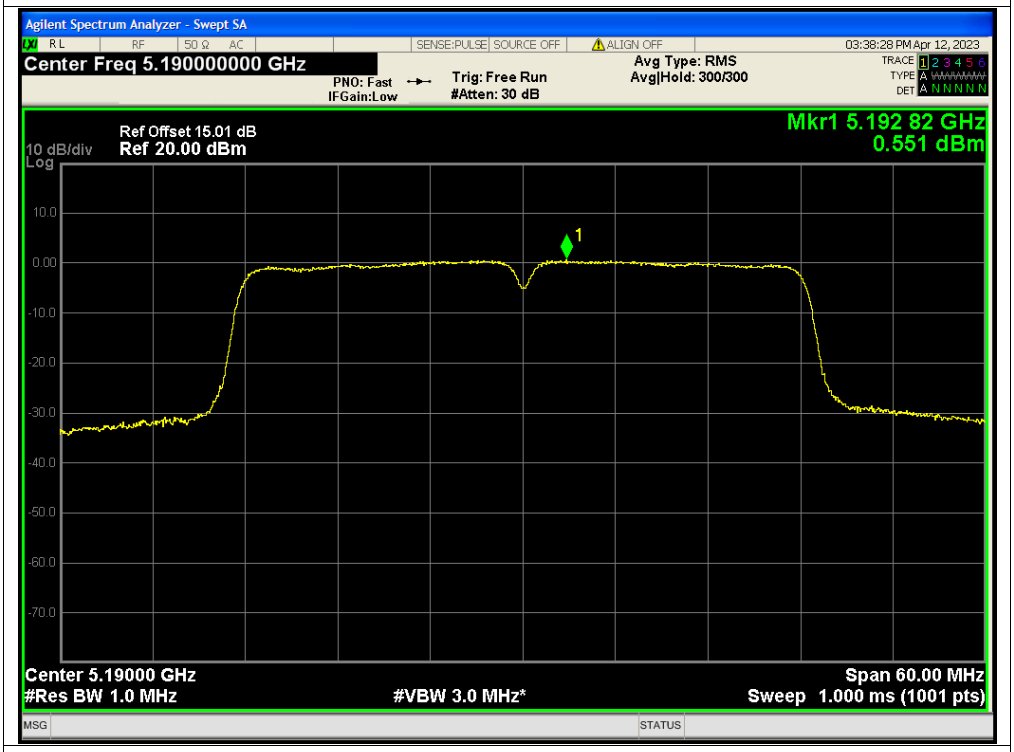

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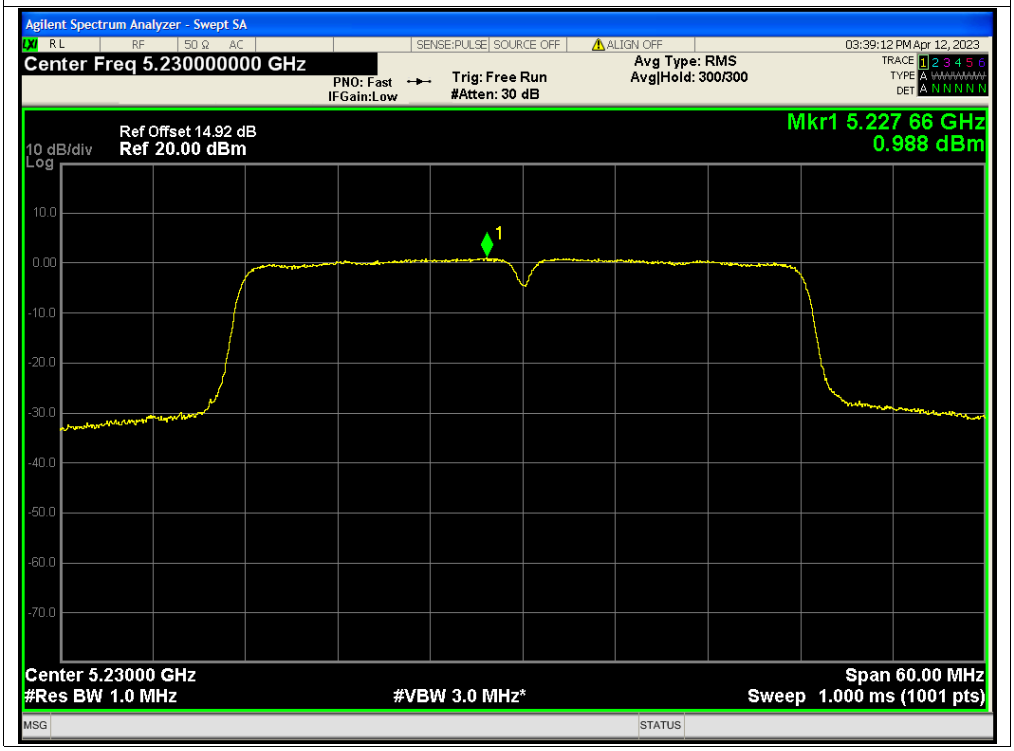

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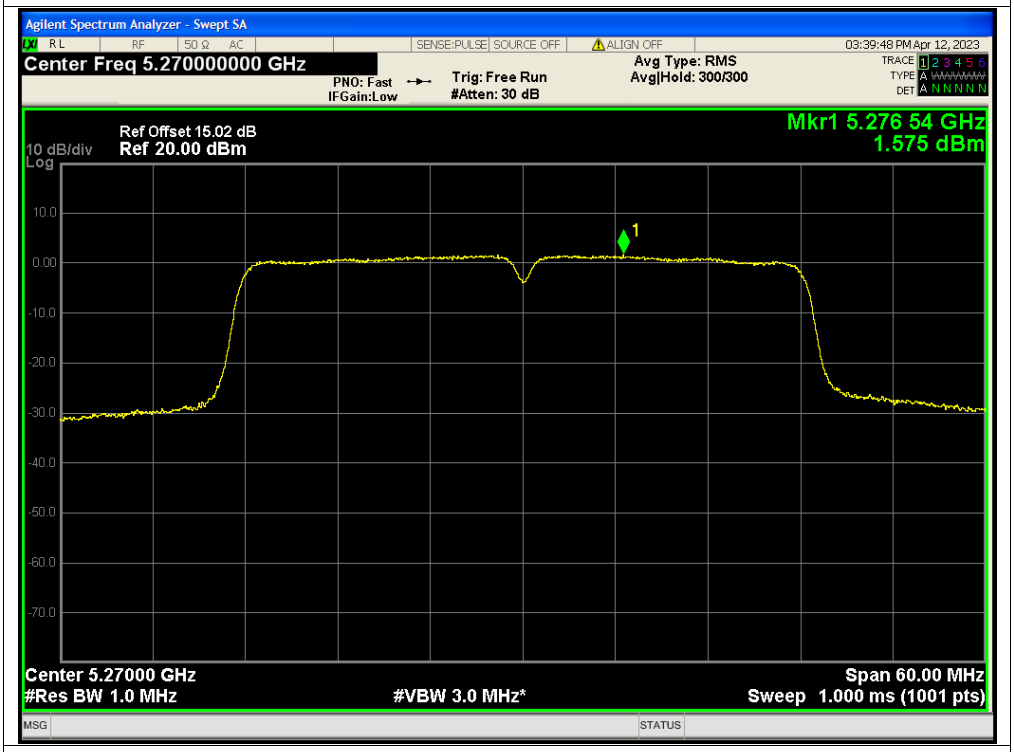
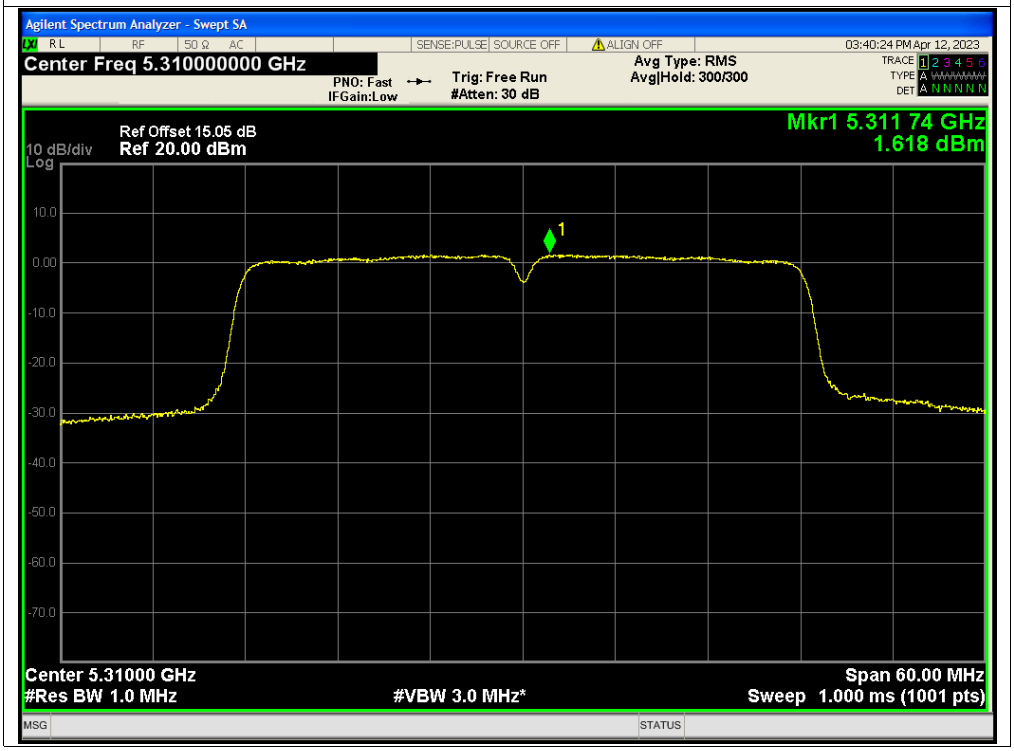
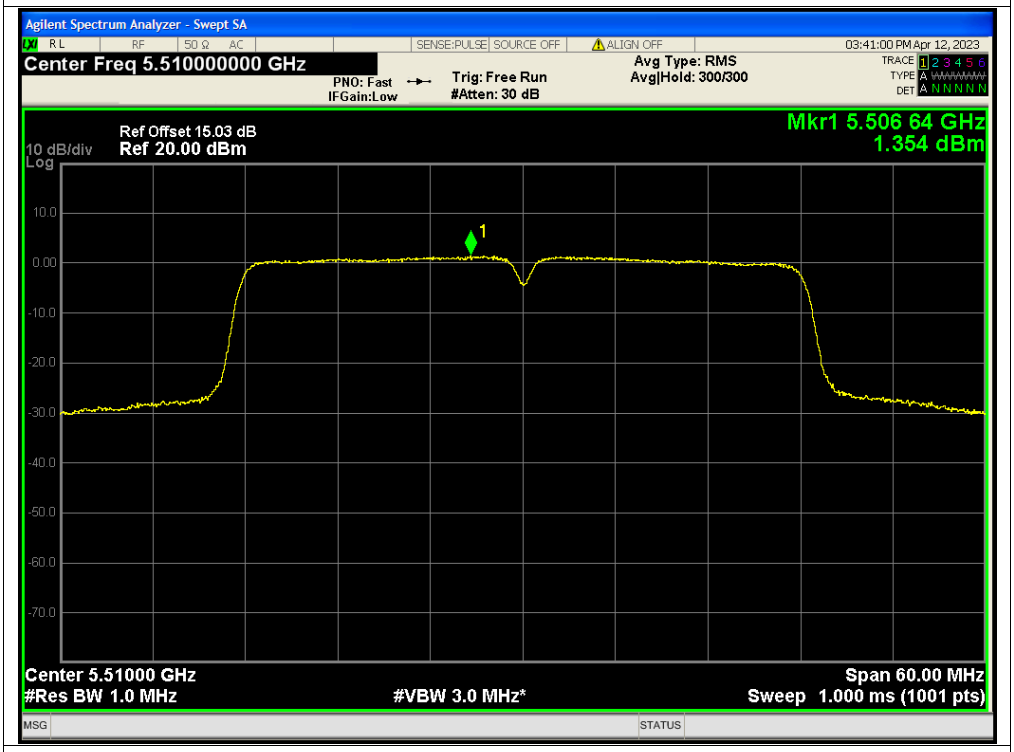


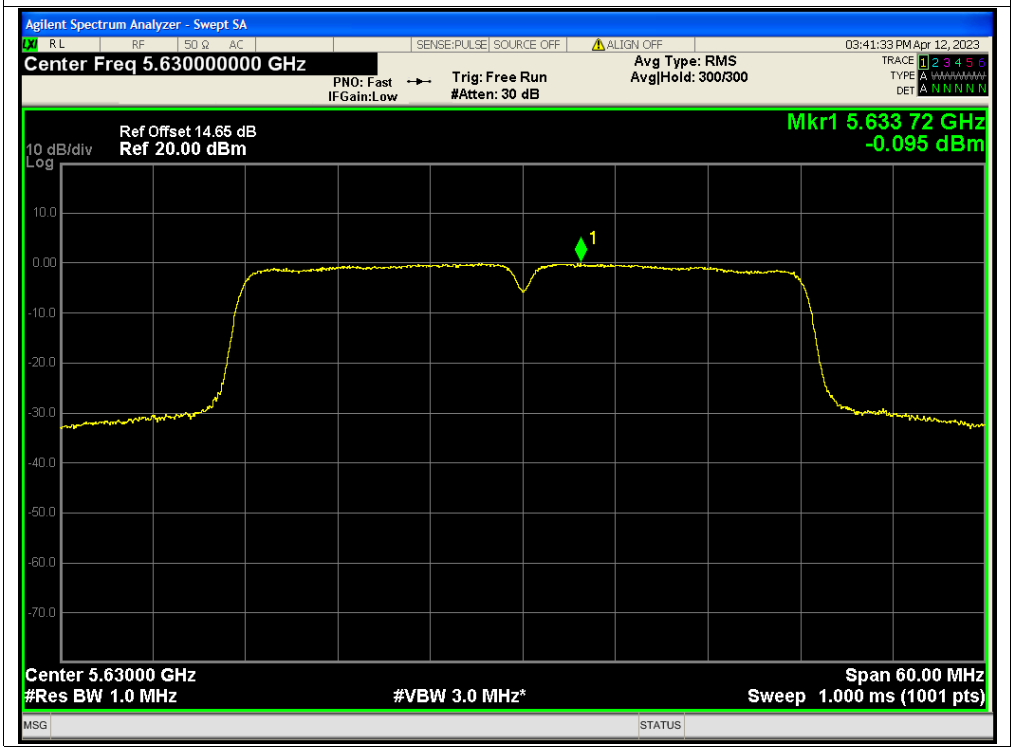
PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5630MHz Ant1



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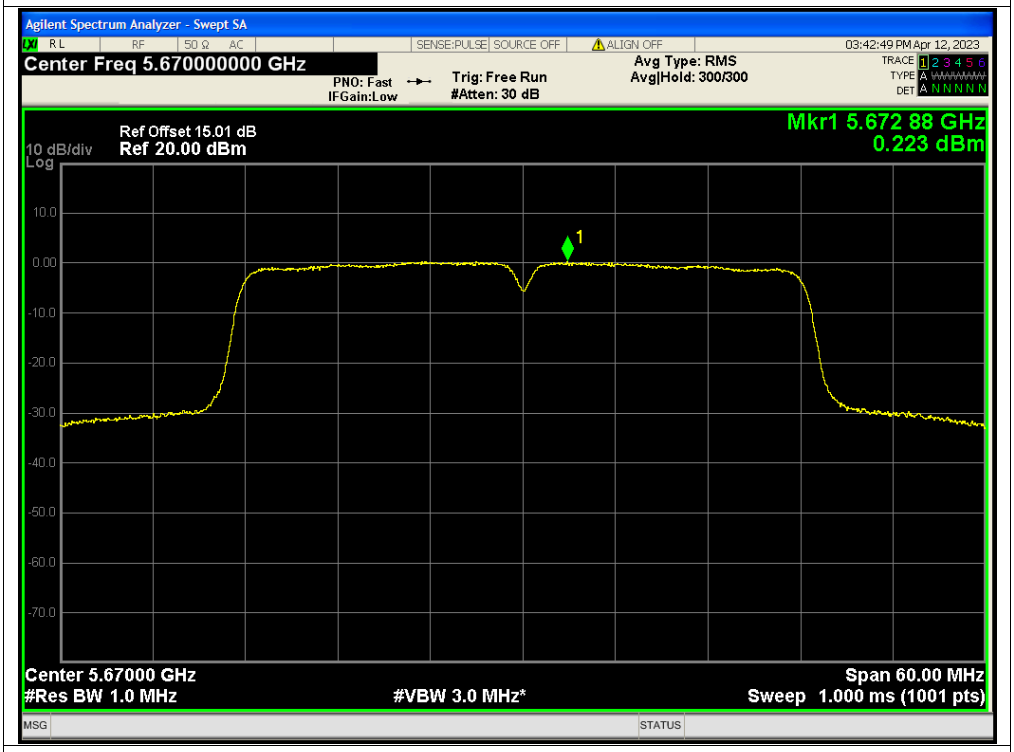

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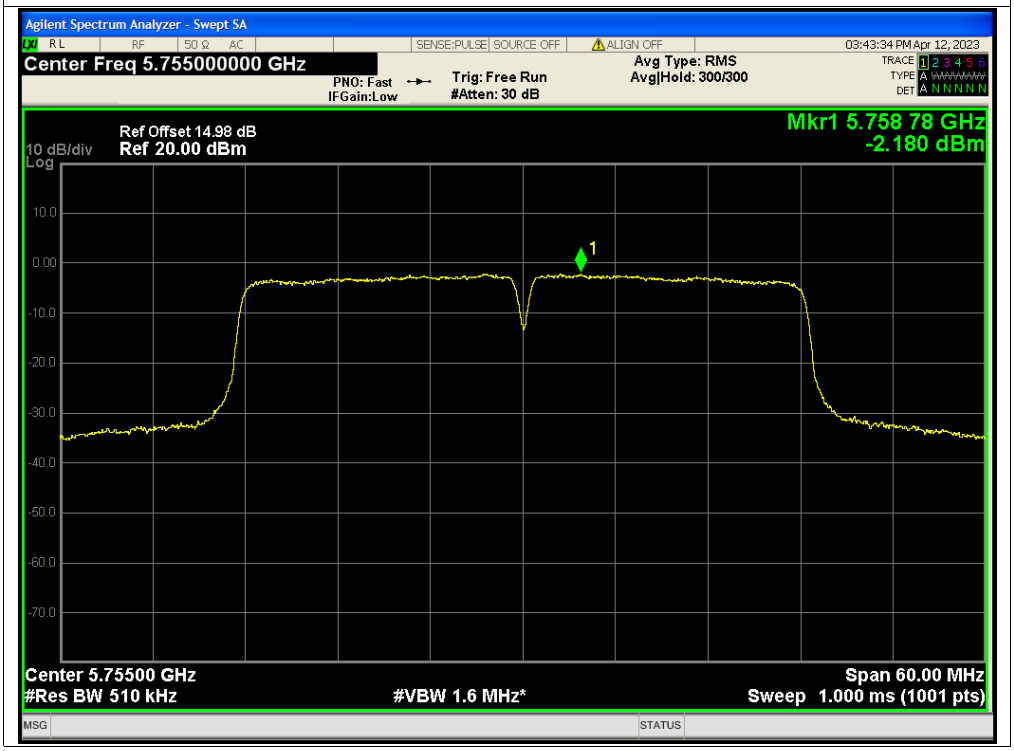

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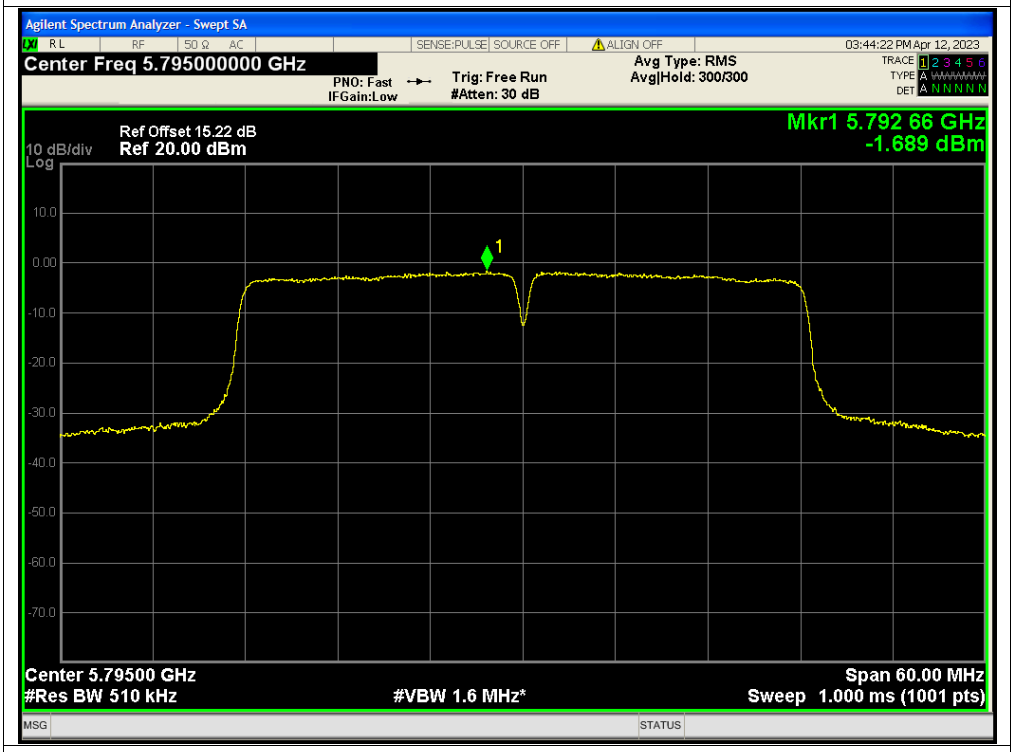

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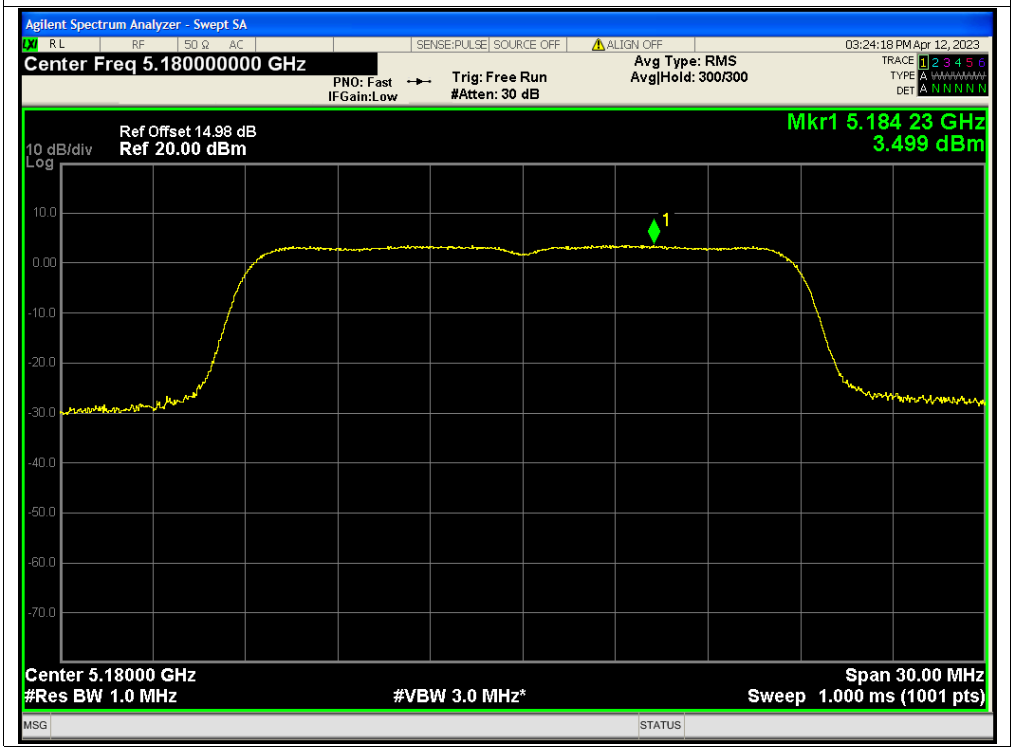

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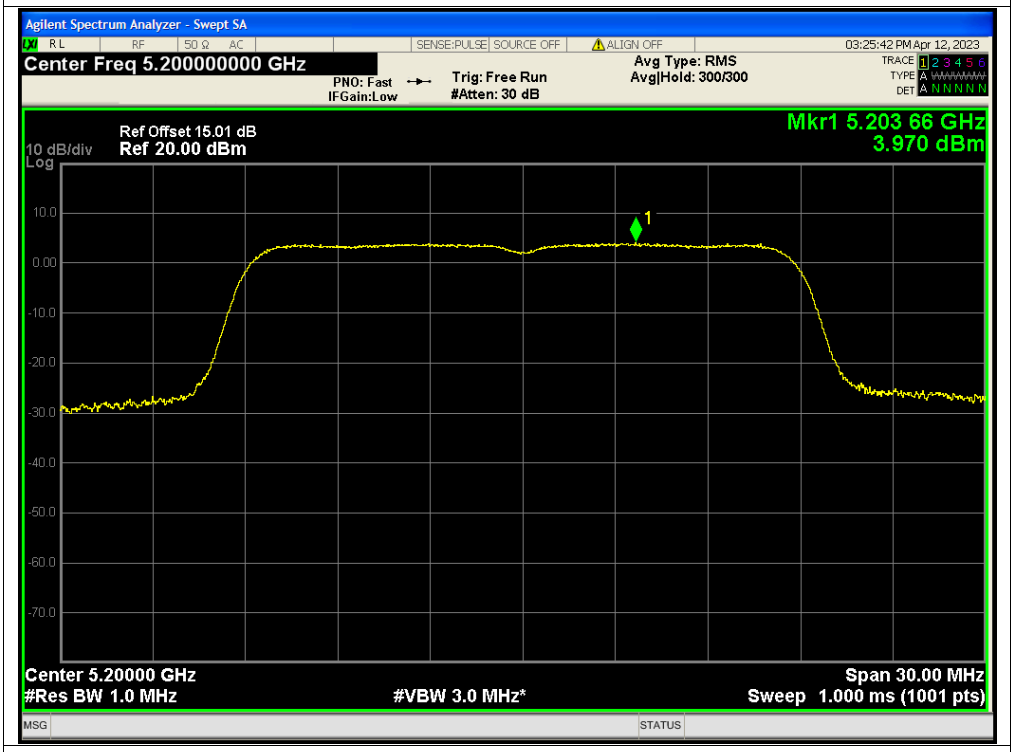

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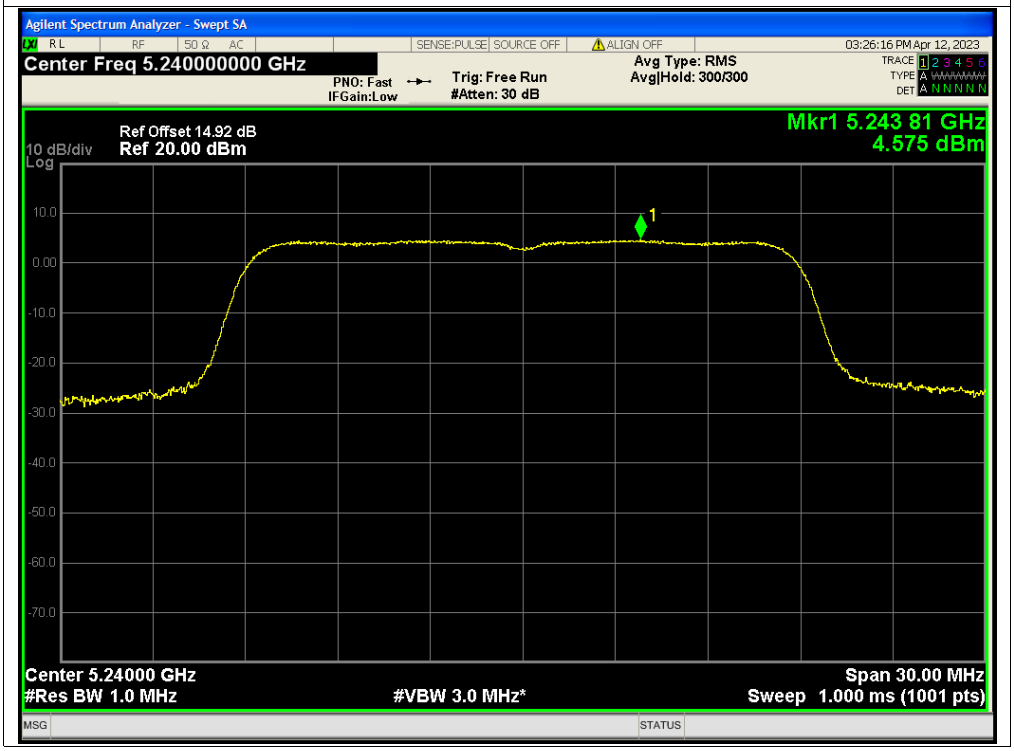

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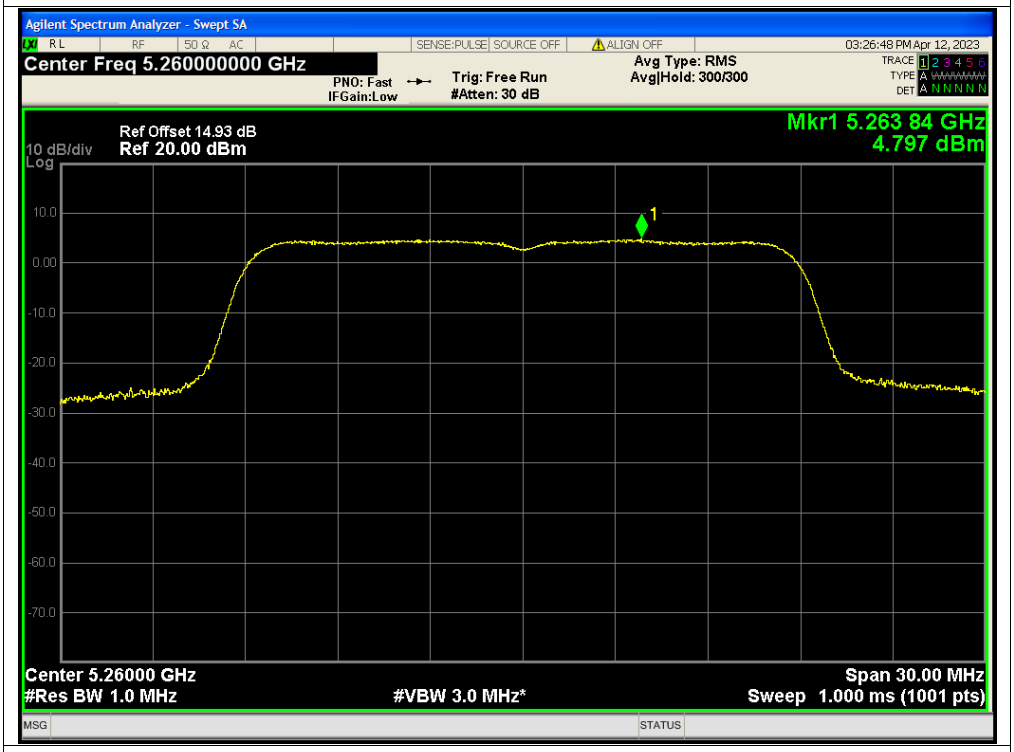

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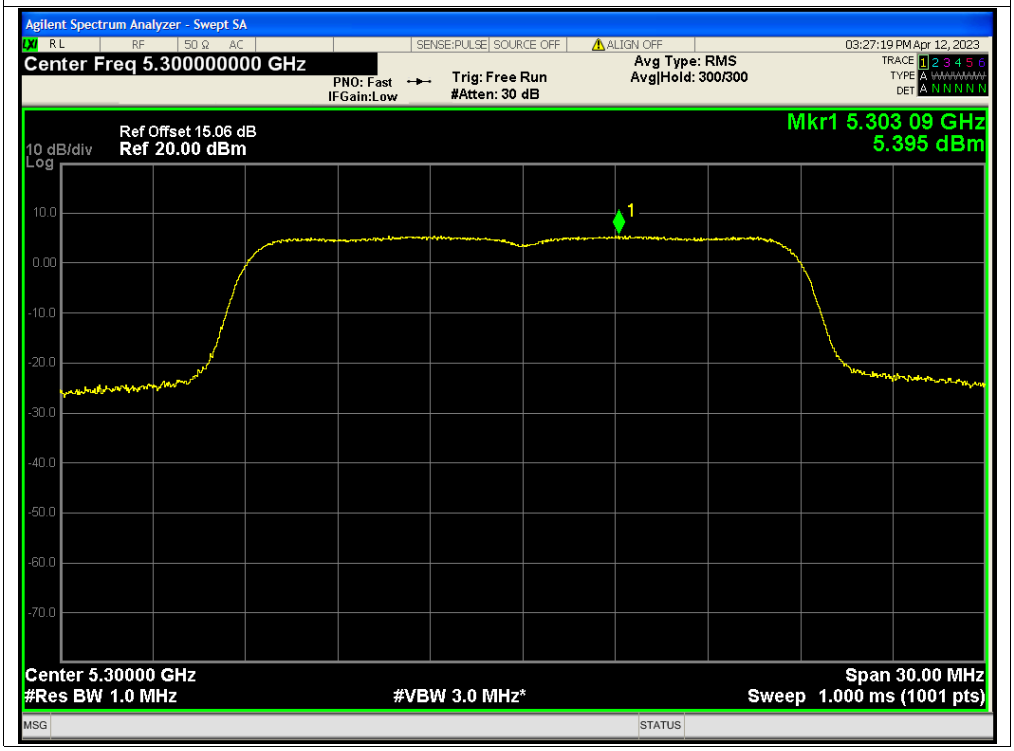
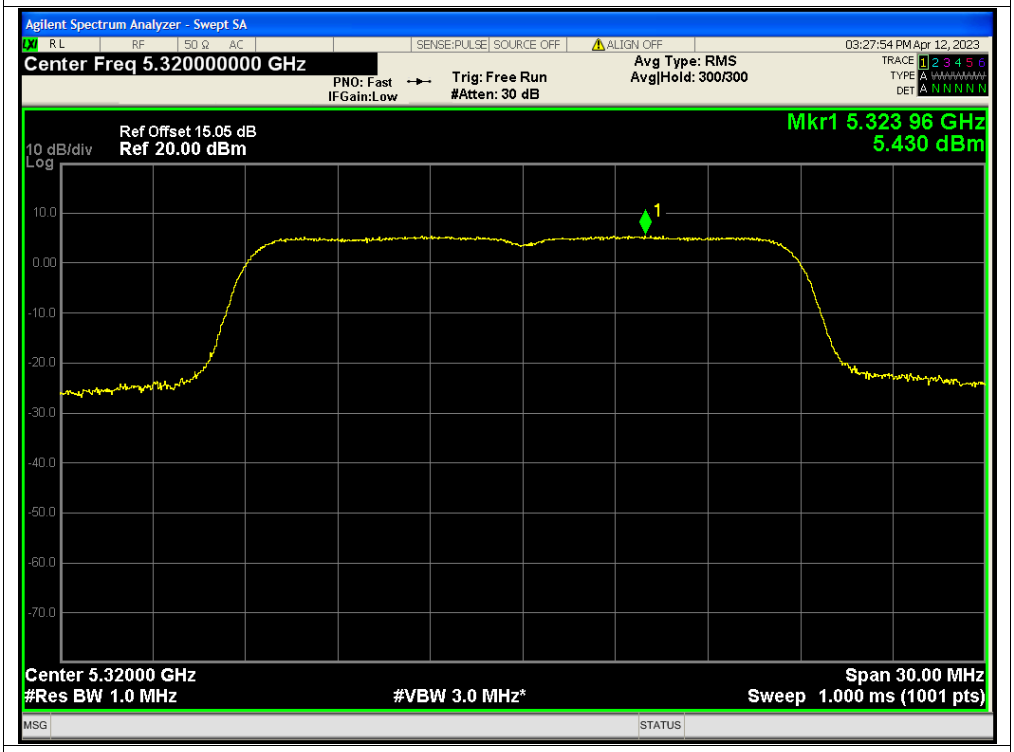


PSD NVNT ac20 5320MHz Ant1



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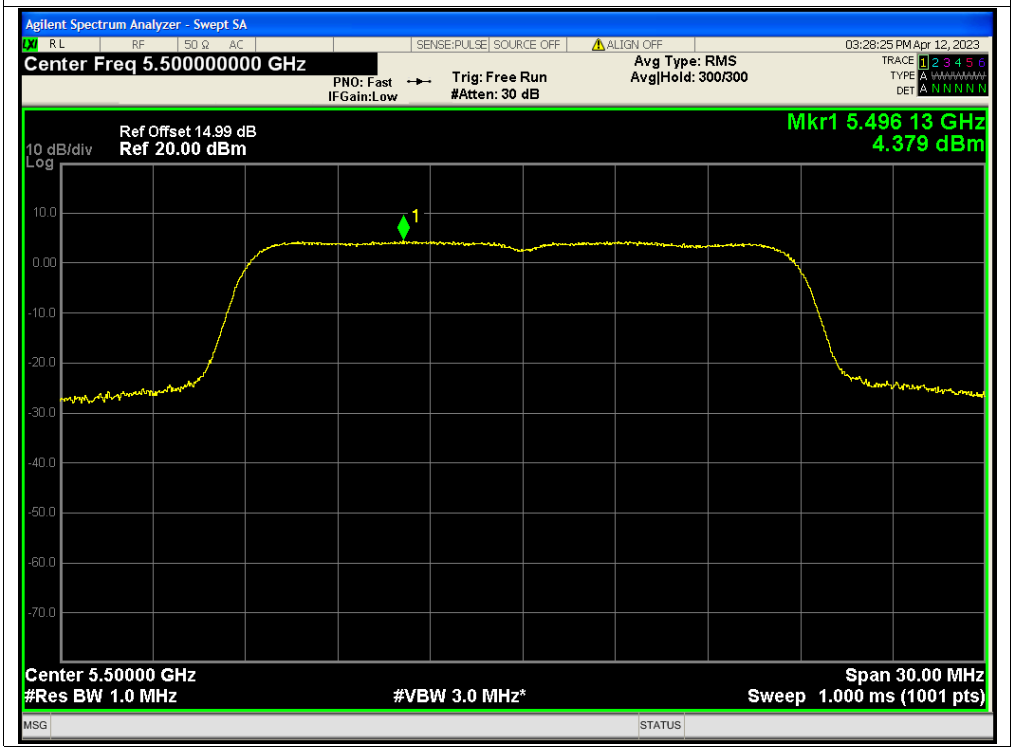
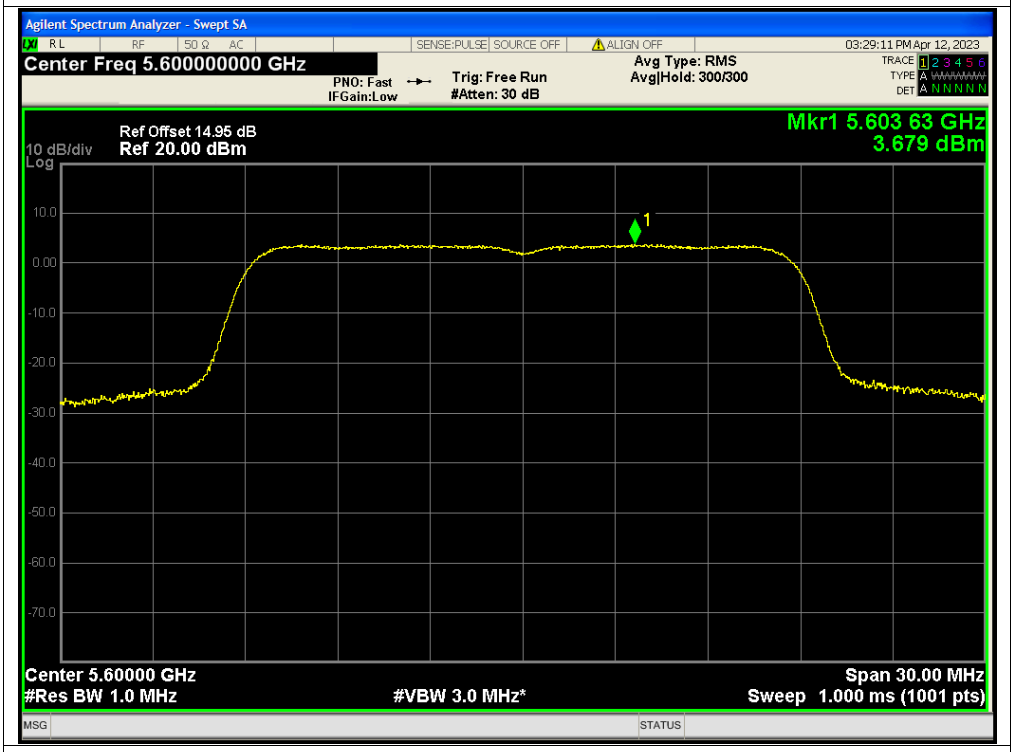


PSD NVNT ac20 5600MHz Ant1



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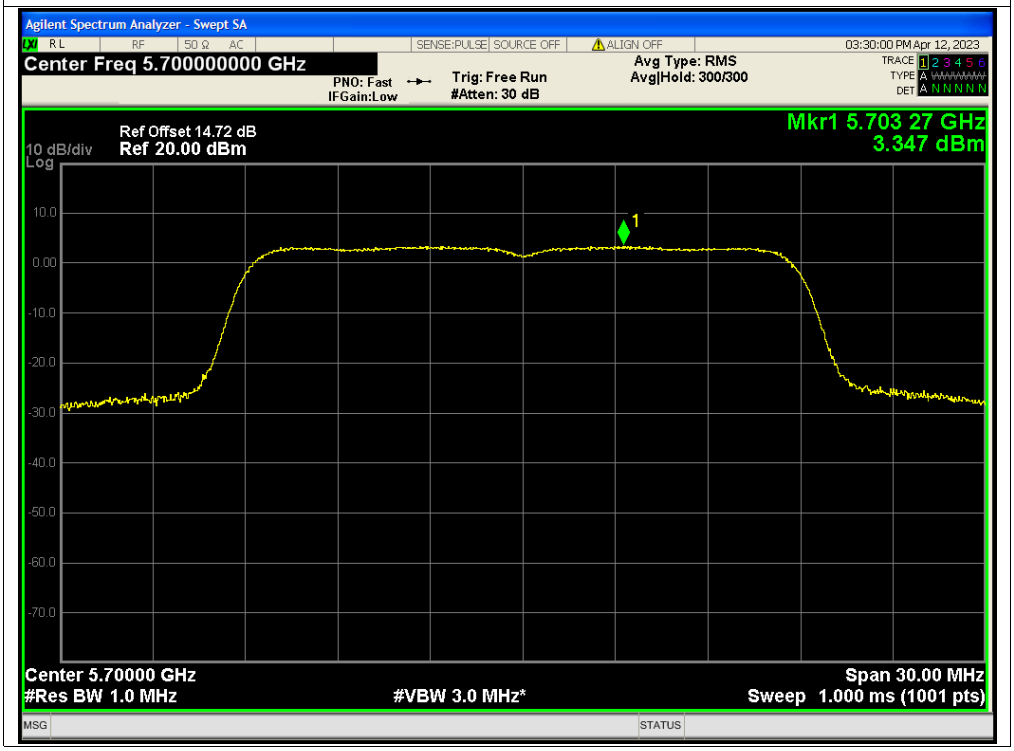

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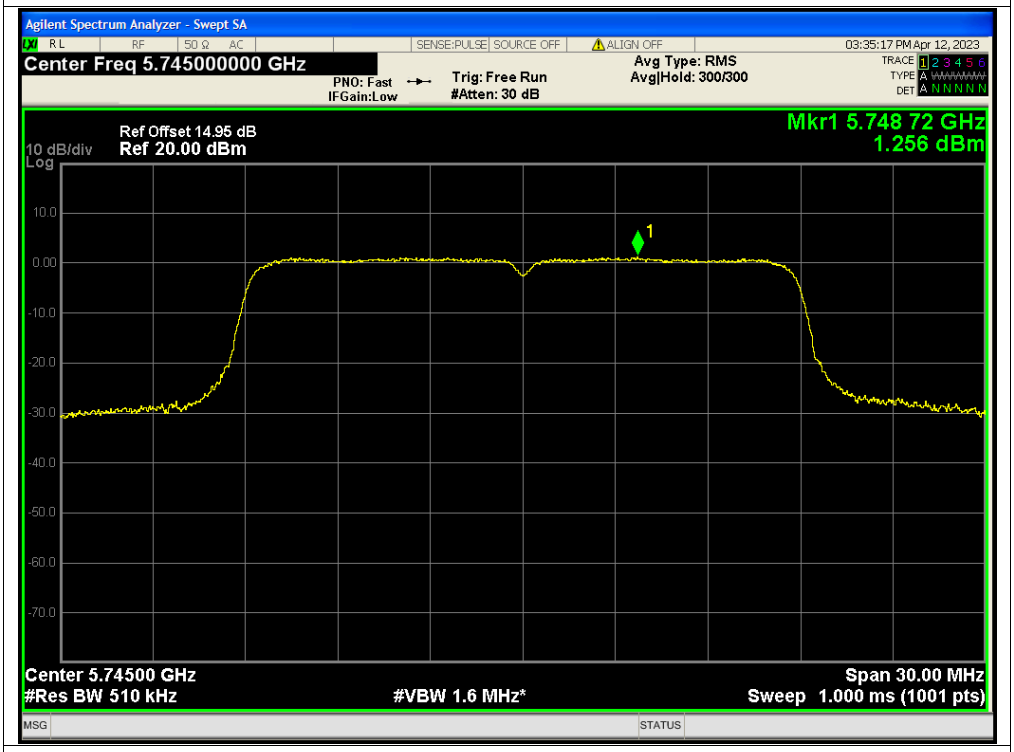

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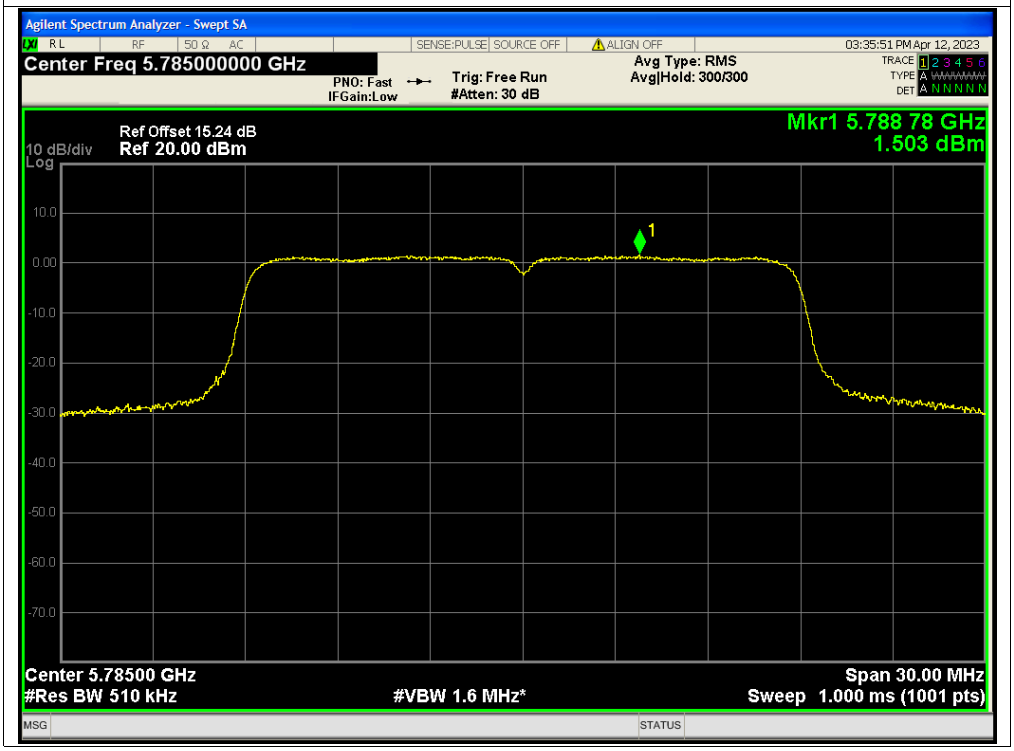

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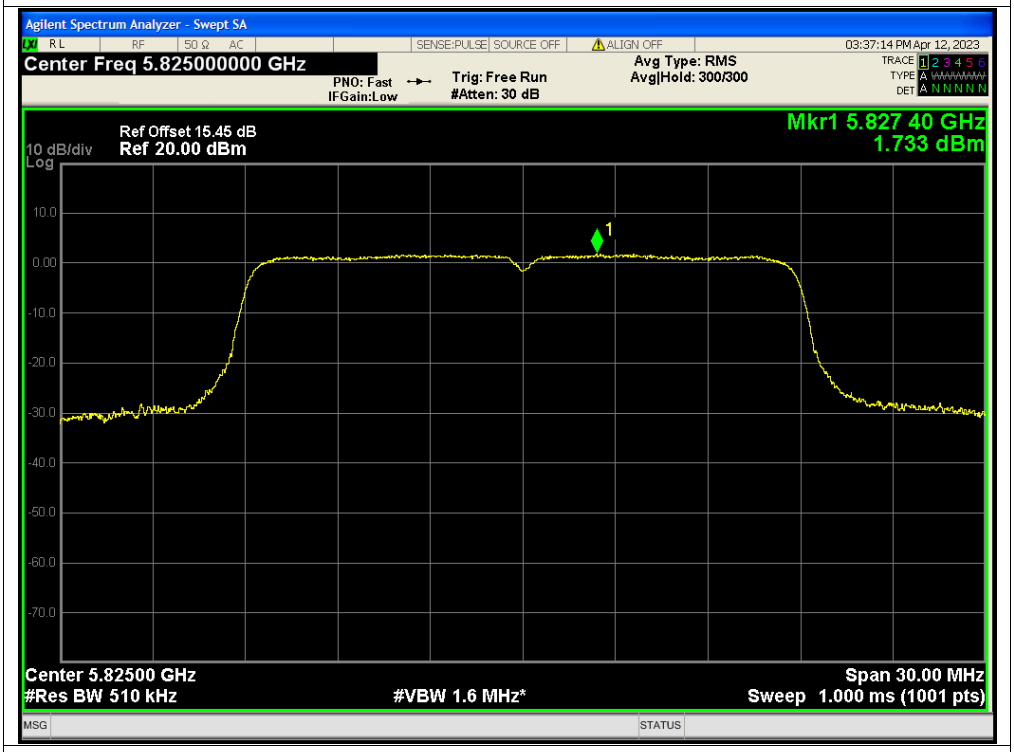

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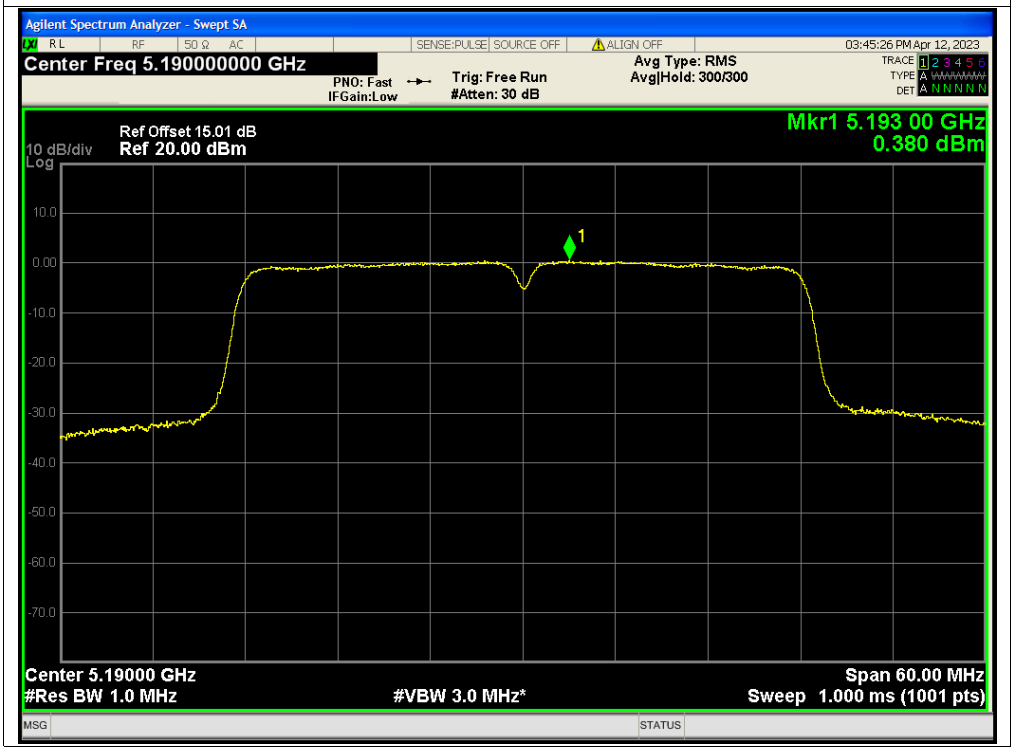

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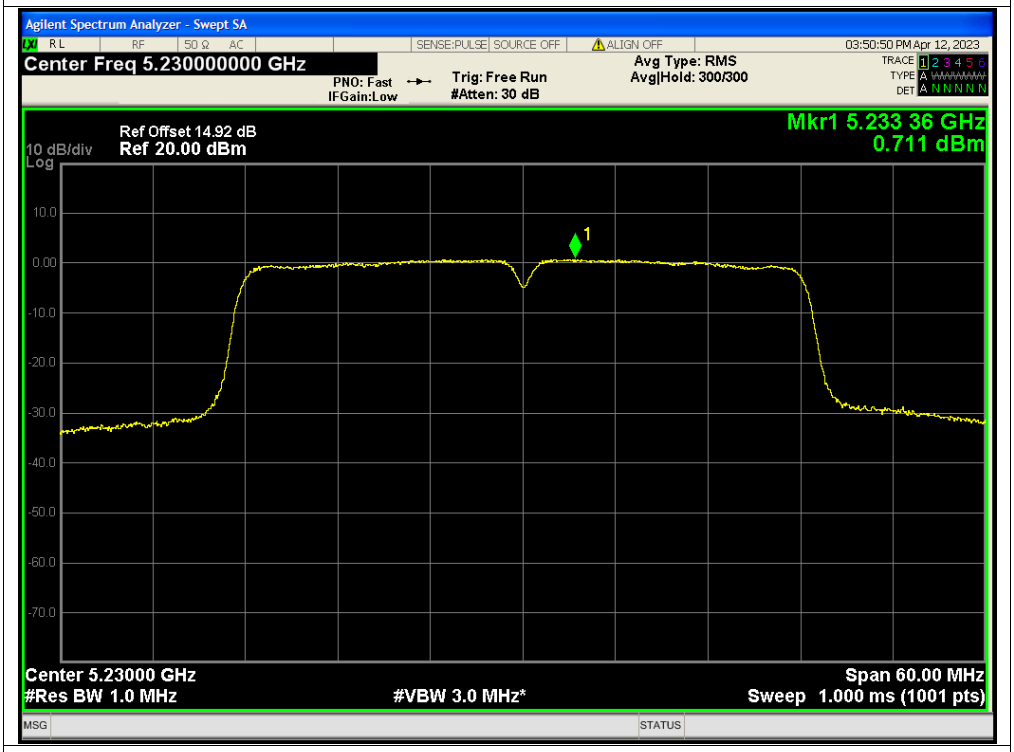

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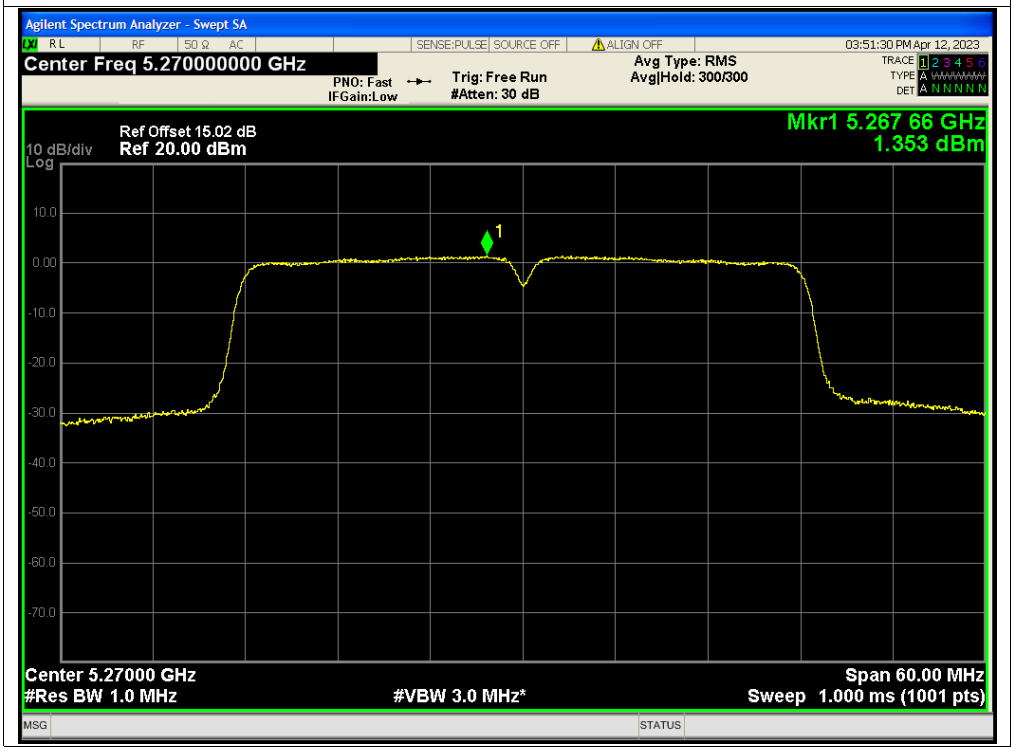

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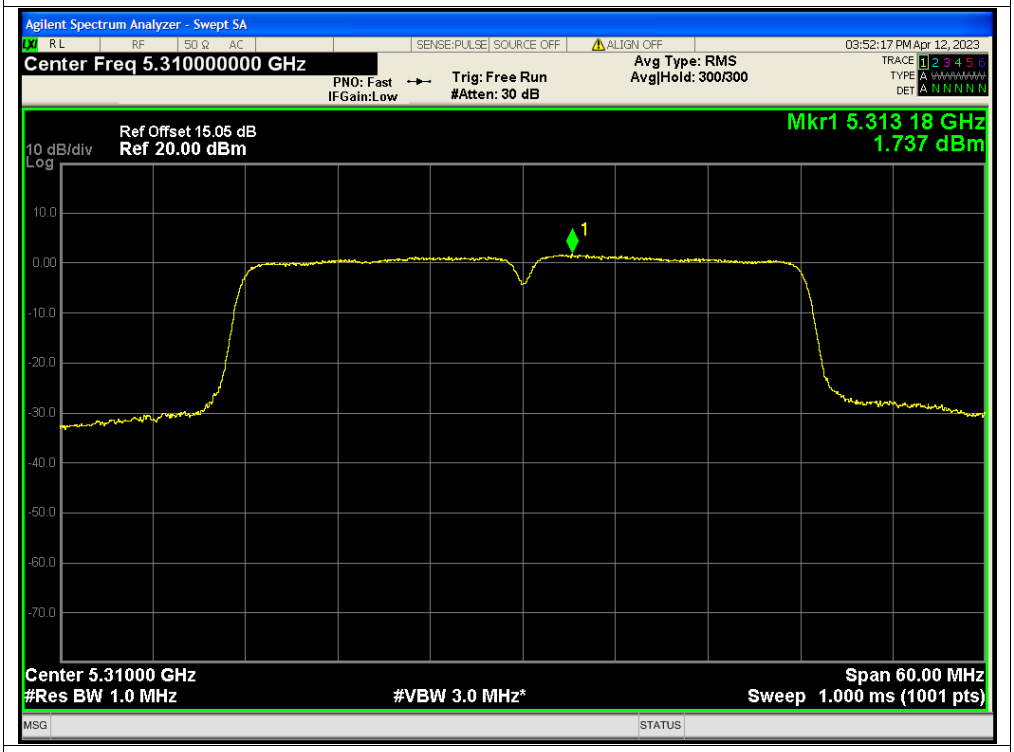

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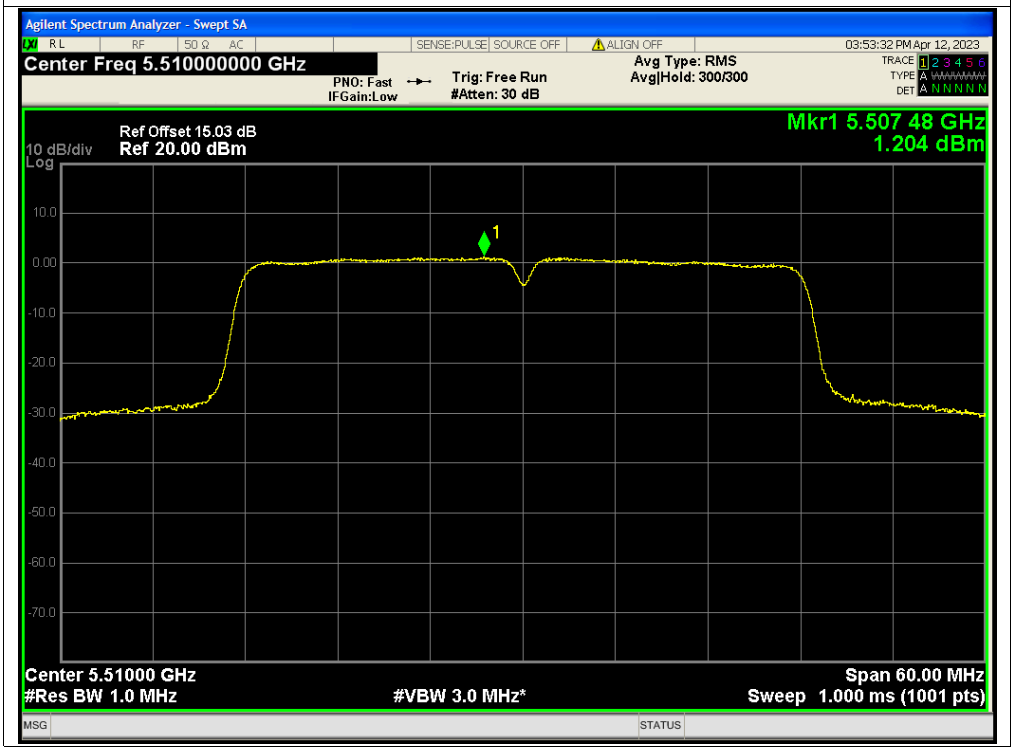

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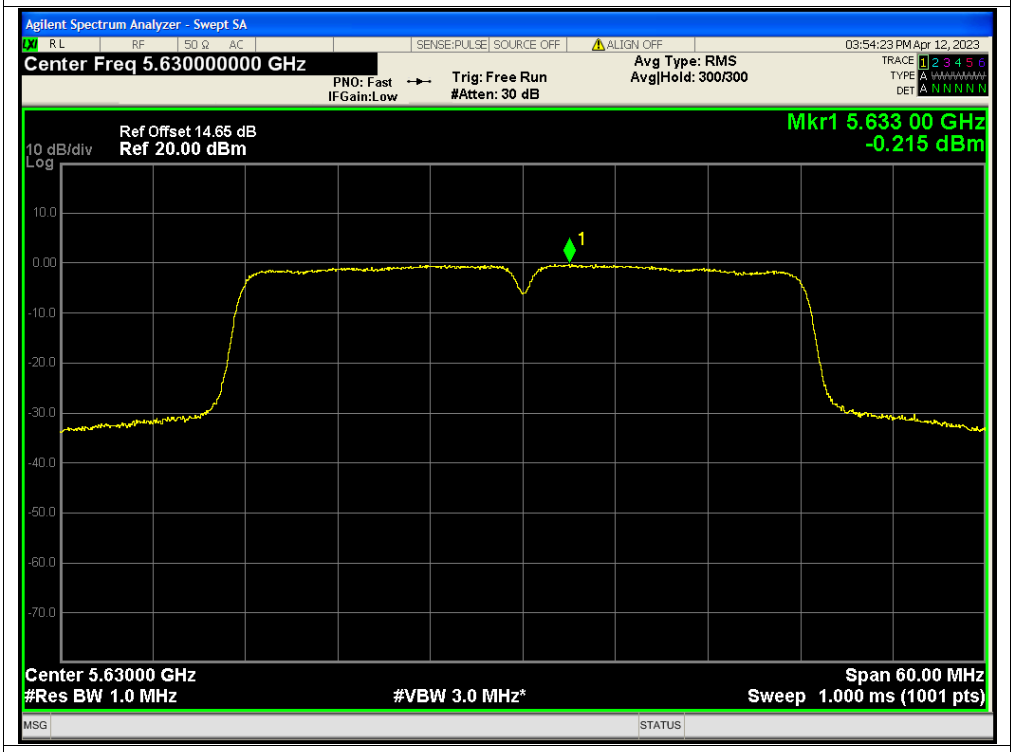

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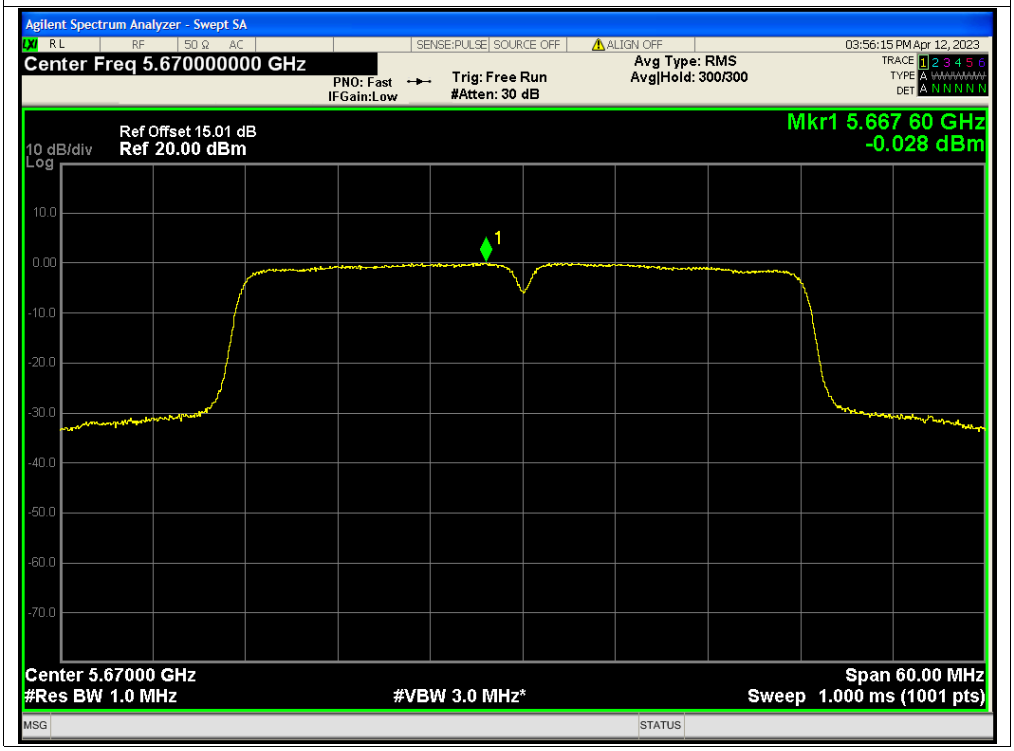

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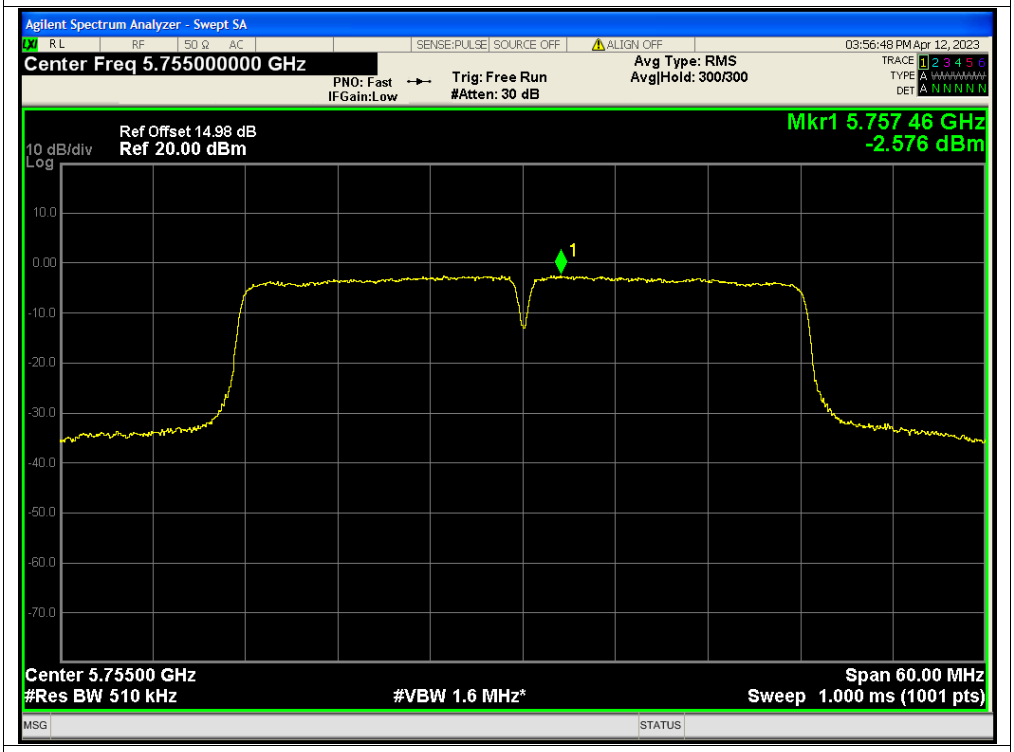

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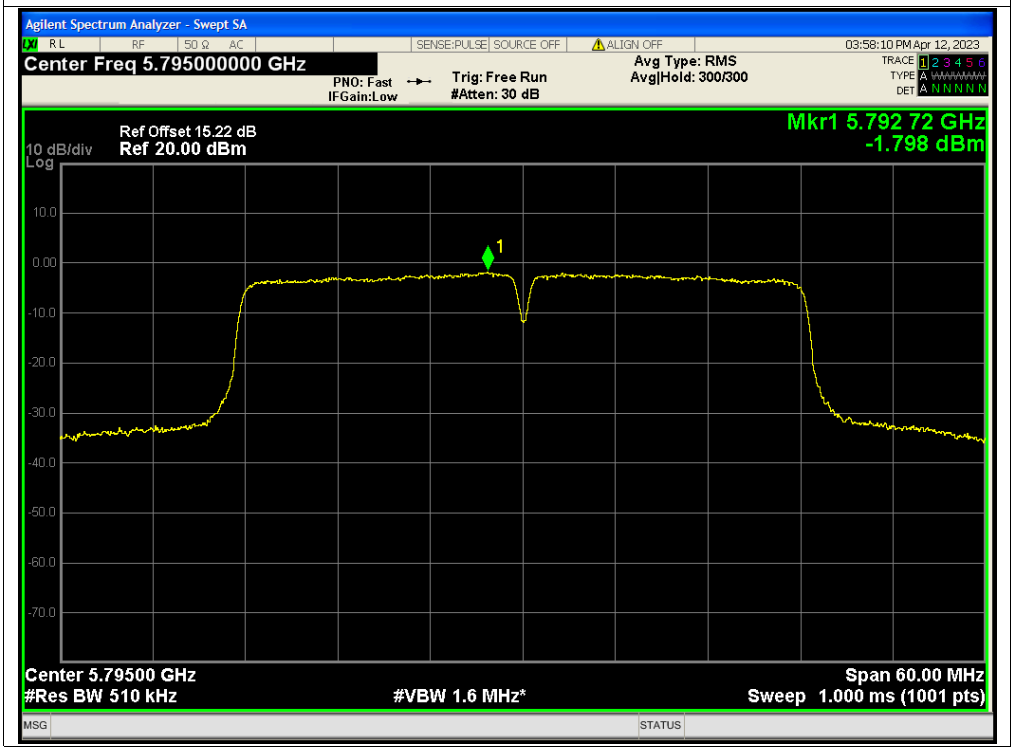

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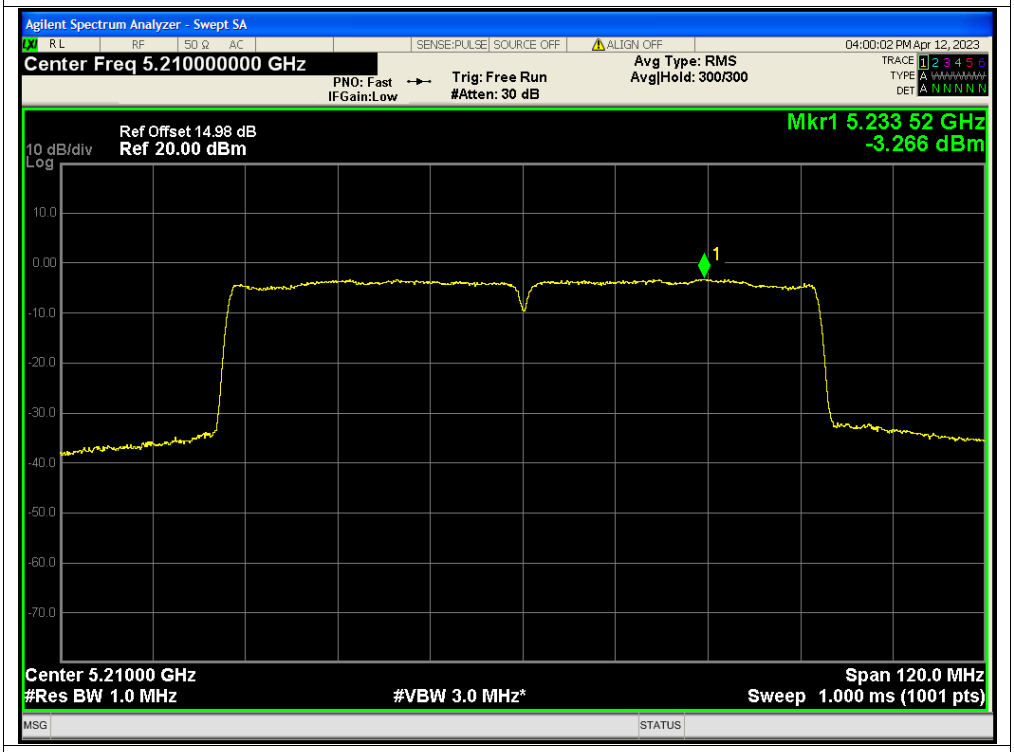

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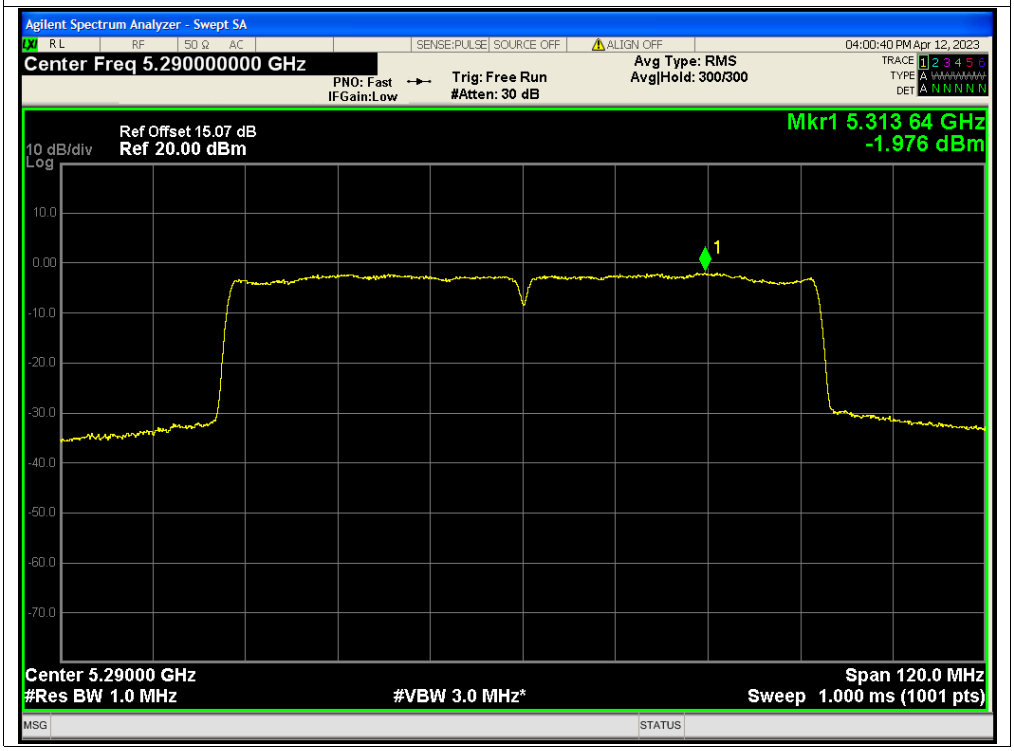

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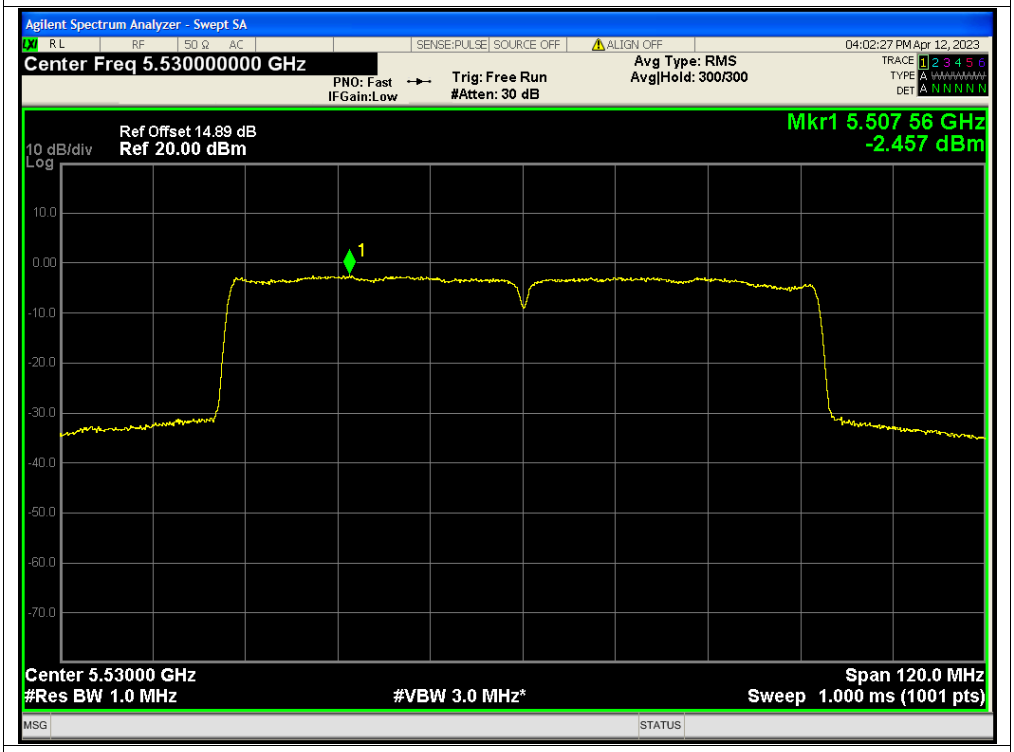

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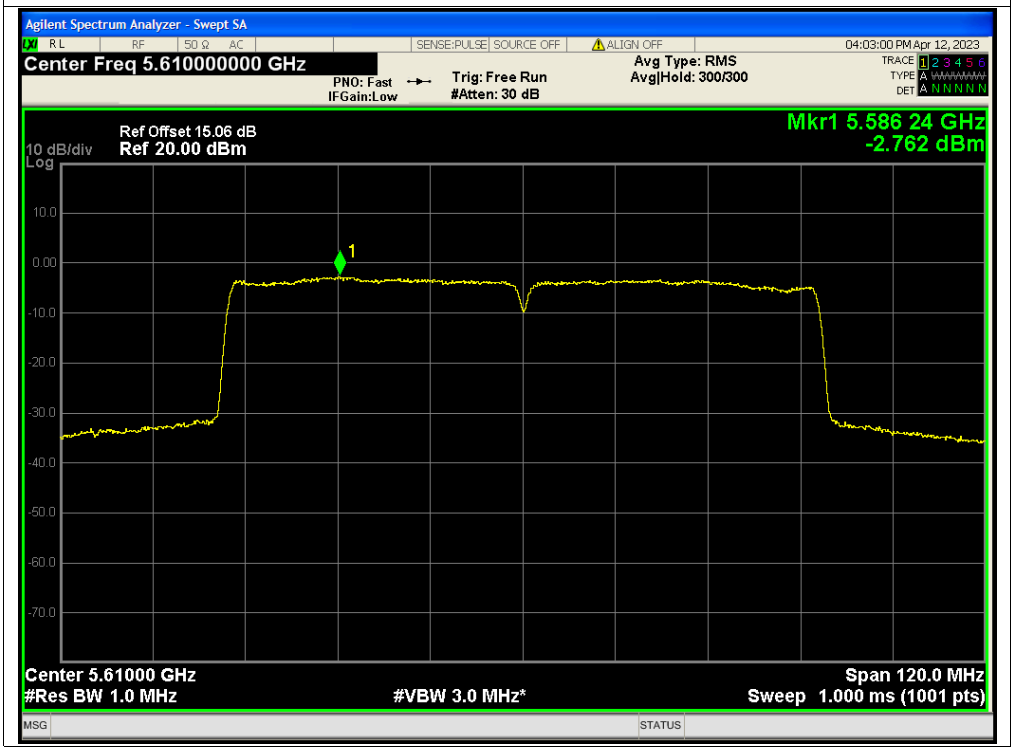

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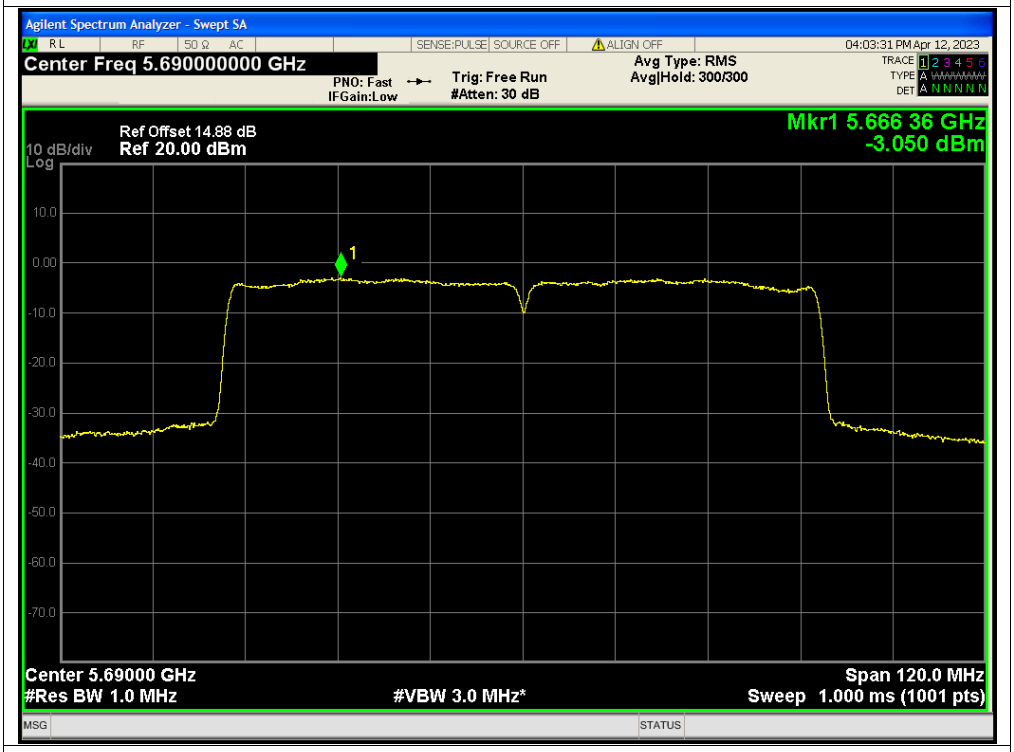

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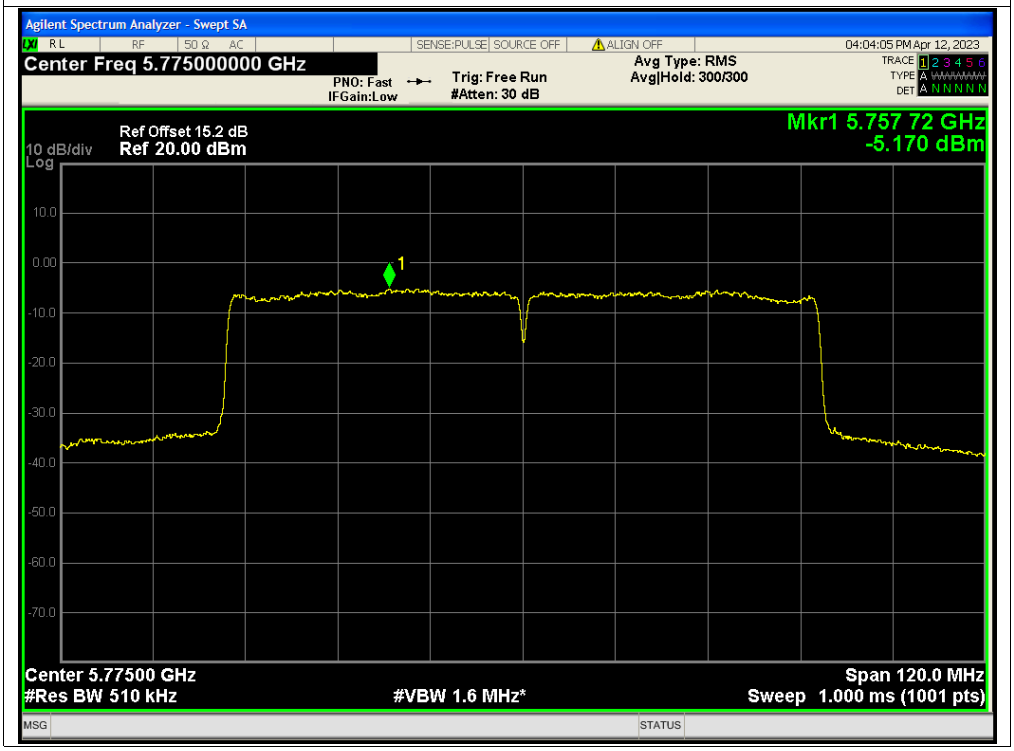


A.5. Frequency Stability

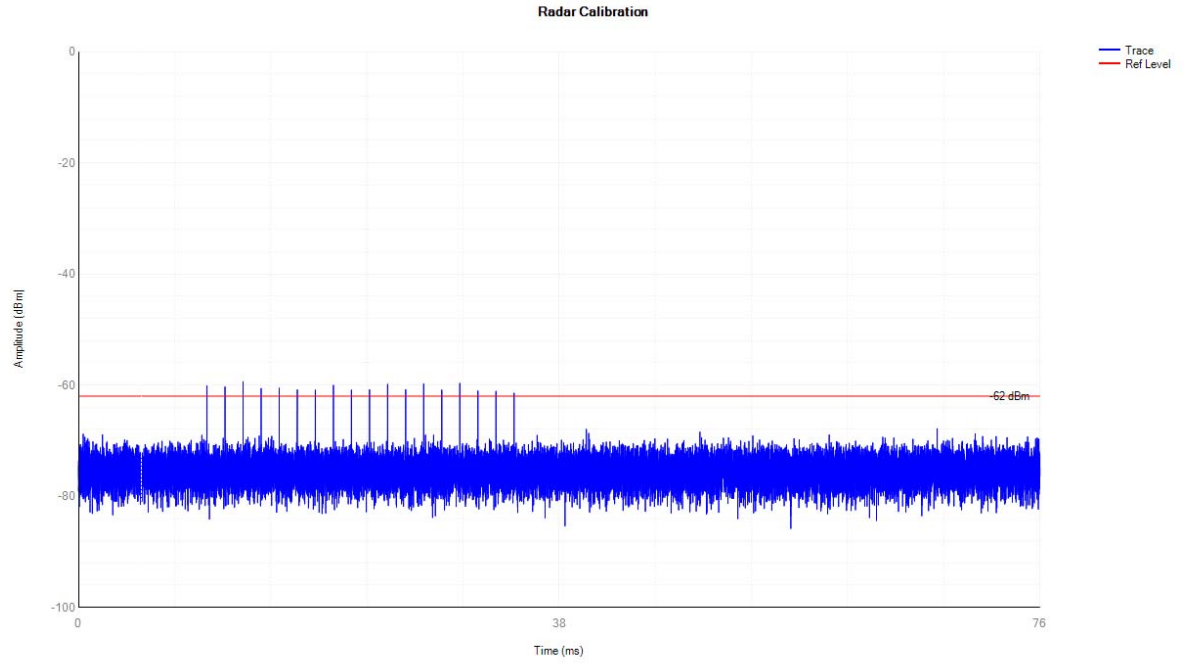
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 3.4V	Carrier	5180	Ant1	5179.993	-7000	-1.35	25	Pass
20C 3.87V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
20C 4.45V	Carrier	5180	Ant1	5179.993	-7000	-1.35	25	Pass
0C 3.87V	Carrier	5180	Ant1	5179.993	-7000	-1.35	25	Pass
10C 3.87V	Carrier	5180	Ant1	5179.993	-7000	-1.35	25	Pass
30C 3.87V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
40C 3.87V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
50C 3.87V	Carrier	5180	Ant1	5179.992	-8000	-1.54	25	Pass
20C 3.4V	Carrier	5260	Ant1	5259.99	-10000	-1.90	25	Pass
20C 3.87V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
20C 4.45V	Carrier	5260	Ant1	5259.99	-10000	-1.90	25	Pass
0C 3.87V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
10C 3.87V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
30C 3.87V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
40C 3.87V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
50C 3.87V	Carrier	5260	Ant1	5259.989	-11000	-2.09	25	Pass
20C 3.4V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
20C 3.87V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
20C 4.45V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
0C 3.87V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
10C 3.87V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
30C 3.87V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
40C 3.87V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
50C 3.87V	Carrier	5500	Ant1	5499.988	-12000	-2.18	25	Pass
20C 3.4V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
20C 3.87V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
20C 4.45V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
0C 3.87V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
10C 3.87V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
30C 3.87V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
40C 3.87V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass
50C 3.87V	Carrier	5745	Ant1	5744.988	-12000	-2.09	25	Pass

A.6. Dynamic Frequency Selection

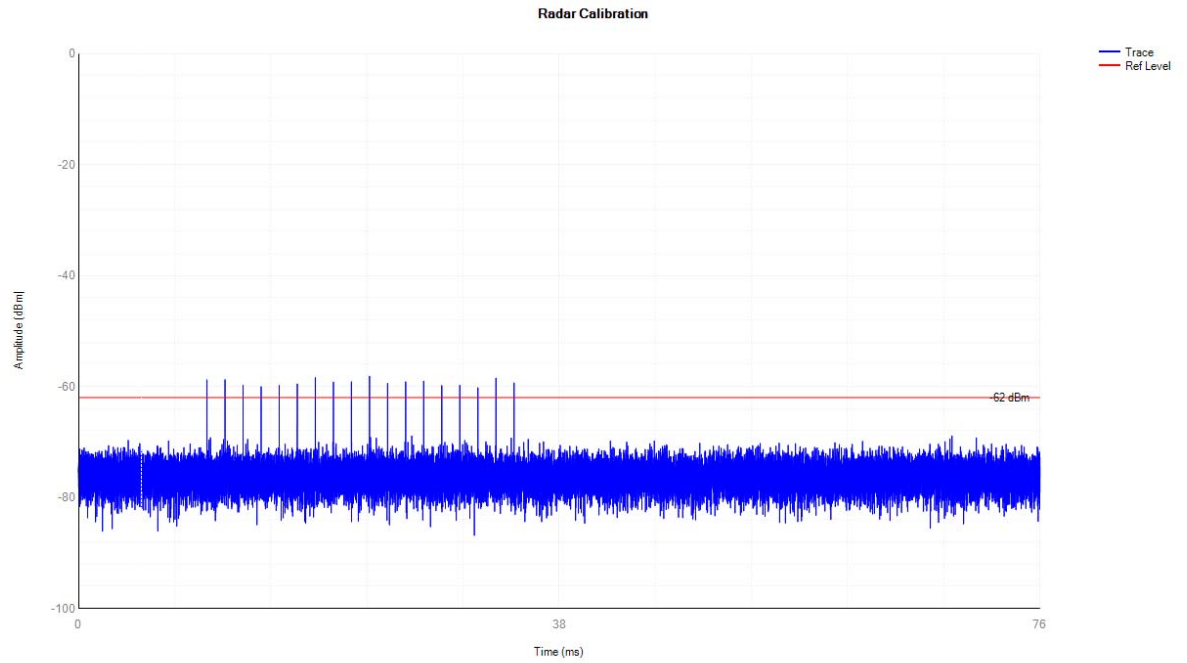
Detection Thresholds

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

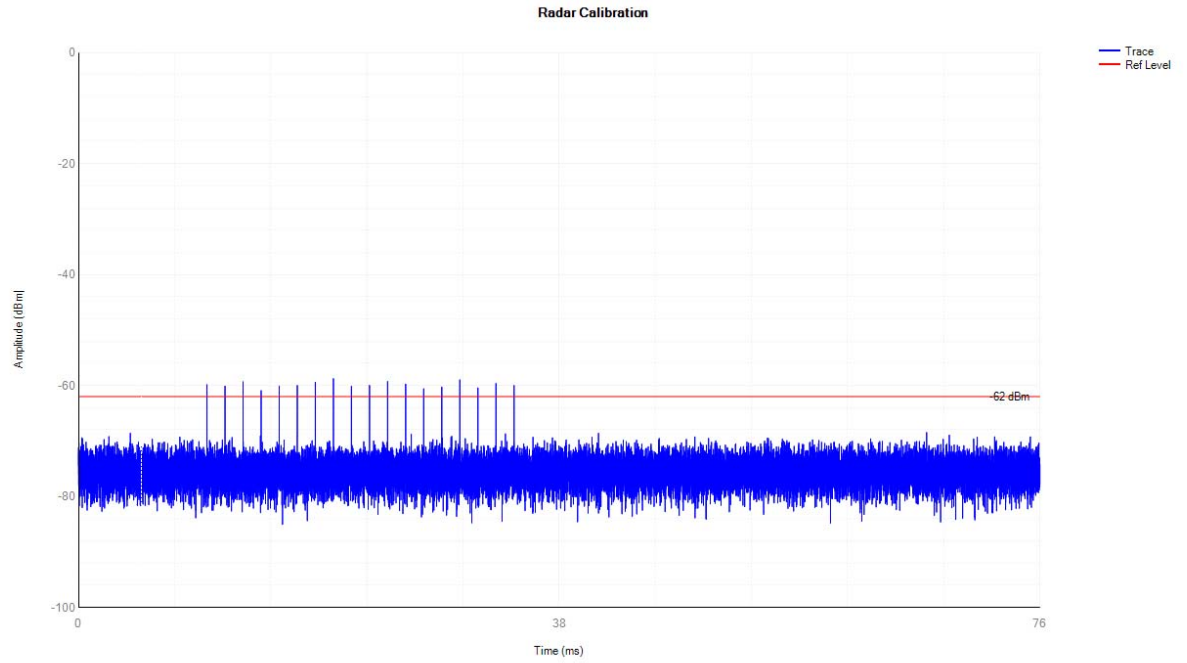
Test Graphs
5320MHz DFS_FCC_T0



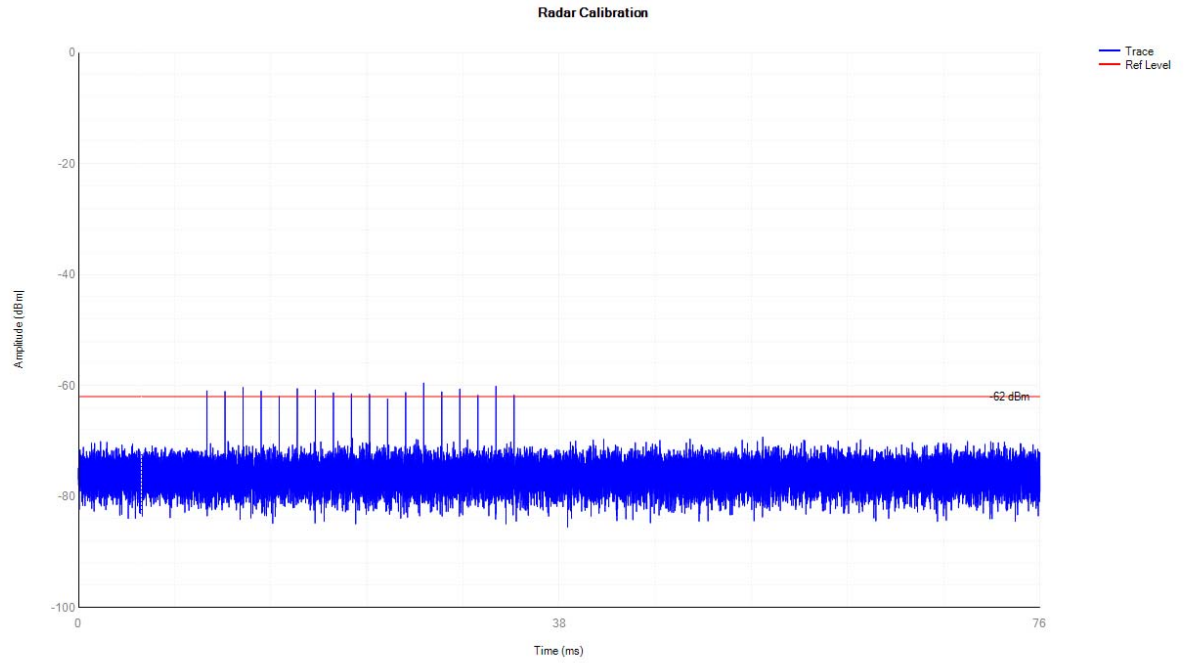
5500MHz DFS_FCC_T0



5290MHz DFS_FCC_T0



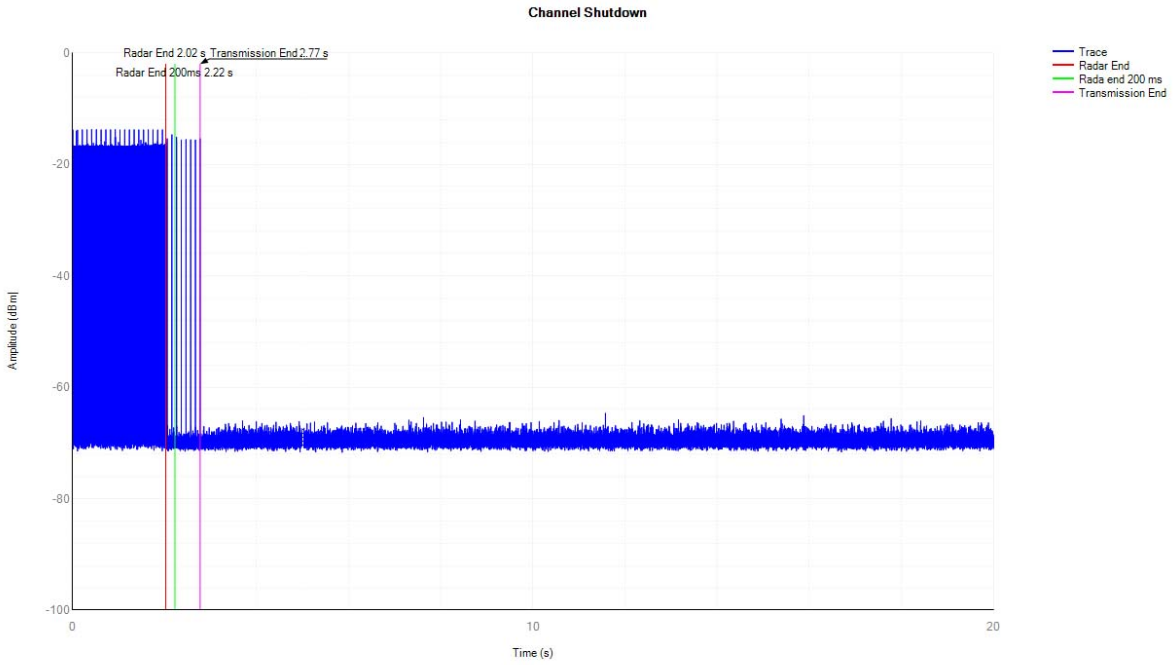
5530MHz DFS_FCC_T0



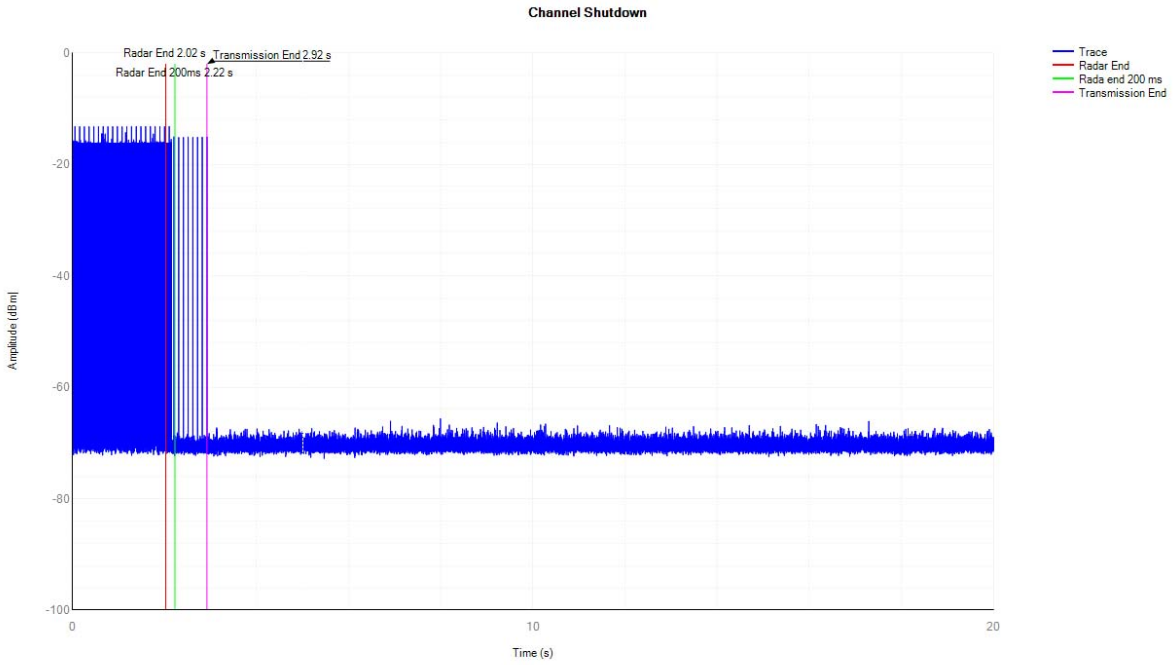
Channel Move Time and Channel Closing Transmission Time

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	0.748	10	0.015	0.26	0.007	0.06	Pass
a	5500	0.896	10	0.097	0.26	0.008	0.06	Pass
ac80	5290	0.827	10	0.05	0.26	0.009	0.06	Pass
ac80	5530	0.79	10	0.038	0.26	0.007	0.06	Pass

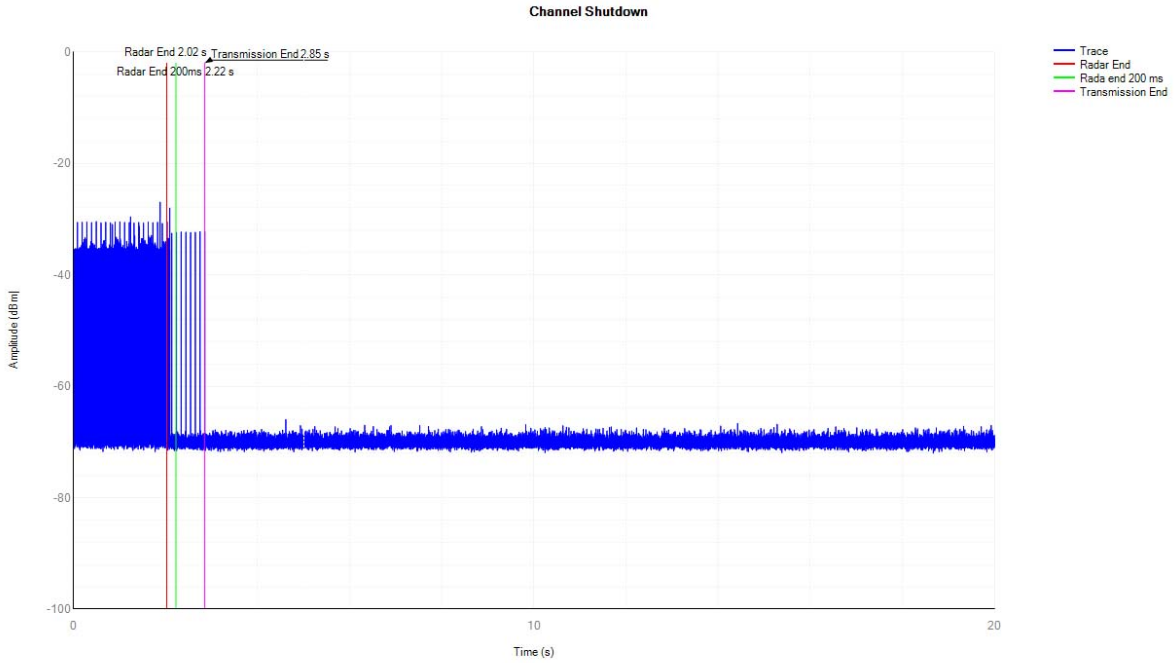
Test Graphs
a 5320MHz Shutdown



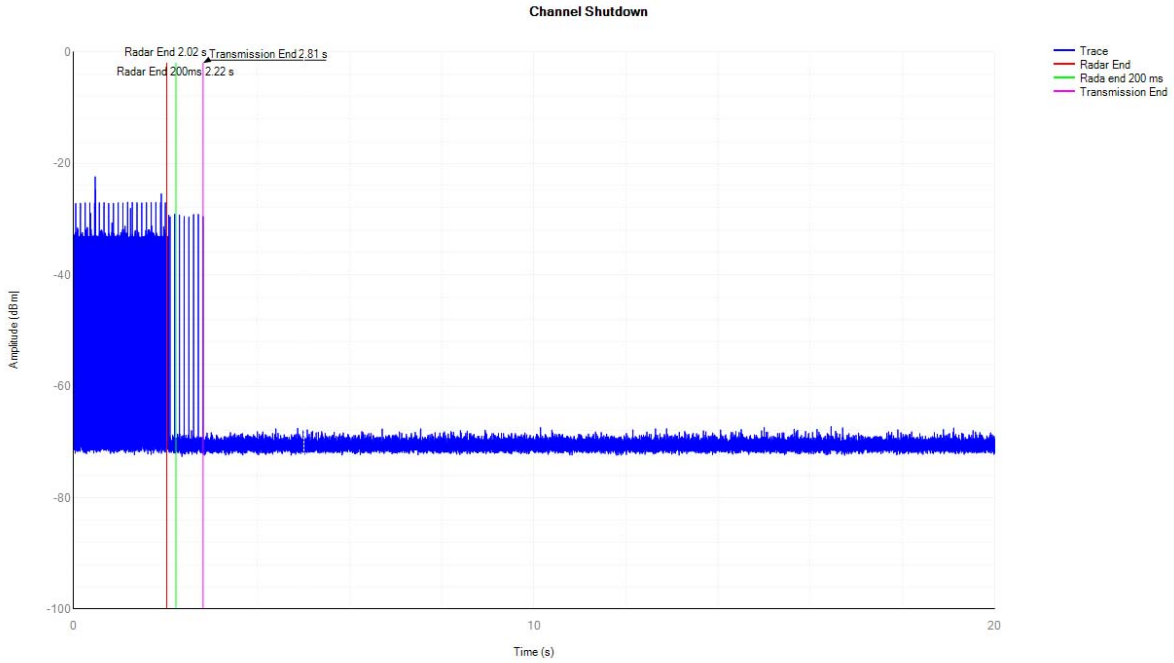
a 5500MHz Shutdown



ac80 5290MHz Shutdown



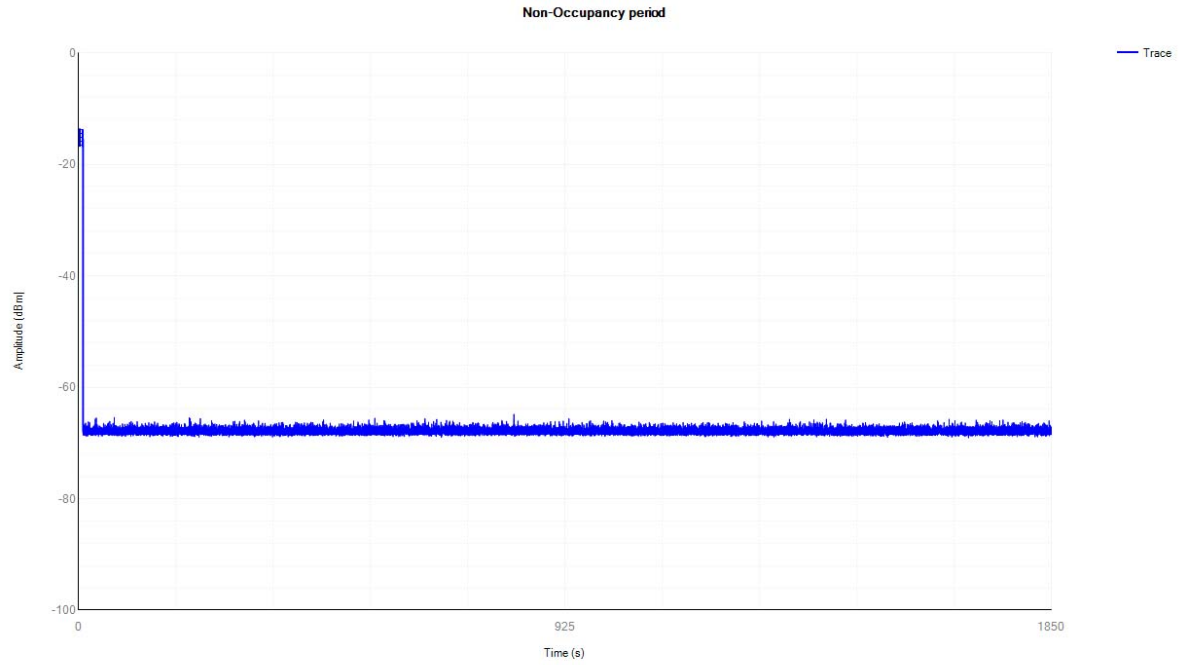
ac80 5530MHz Shutdown



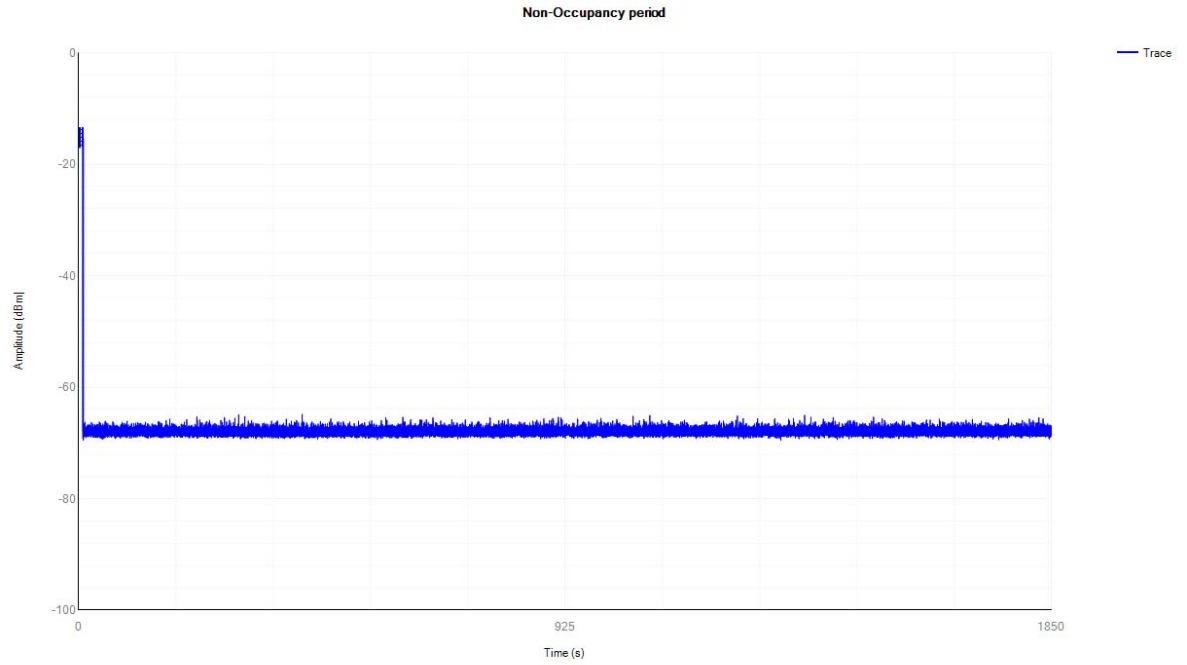
Non-Occupancy Period

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

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 +EARPHONE + WIFI TX

Test voltage: AC 120V/60Hz

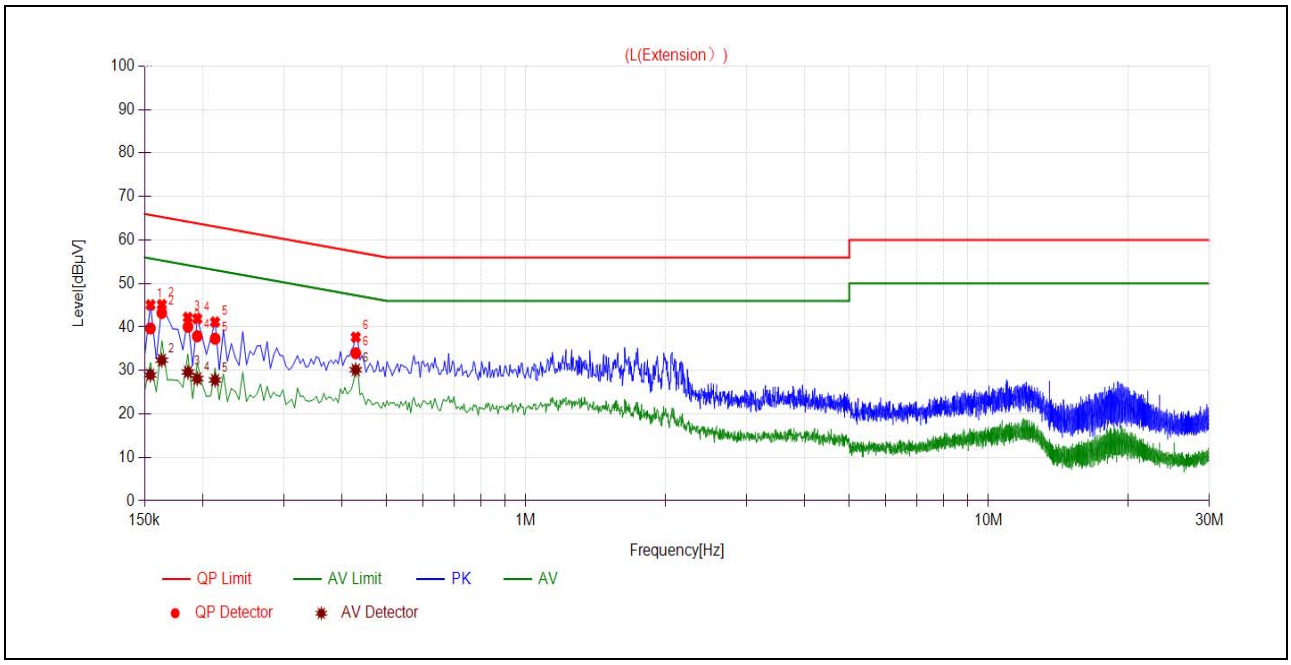
The measurement results are obtained as below:

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

U_R: Receiver Reading

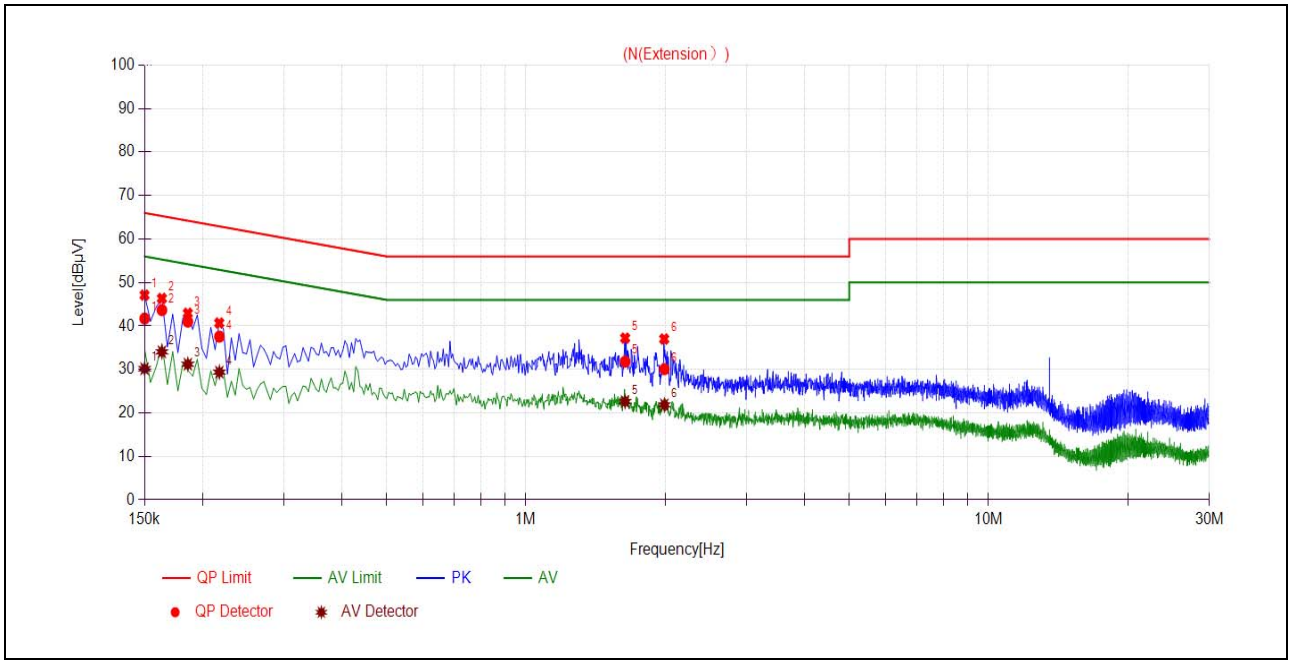
A_{Factor}: Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1544	39.67	28.97	65.76	55.76	Line	PASS
2	0.1634	43.24	32.36	65.29	55.29		PASS
3	0.1861	40.03	29.63	64.21	54.21		PASS
4	0.1949	37.86	28.11	63.83	53.83		PASS
5	0.2130	37.29	27.80	63.09	53.09		PASS
6	0.4289	33.95	30.15	57.27	47.27		PASS



(N Phase)

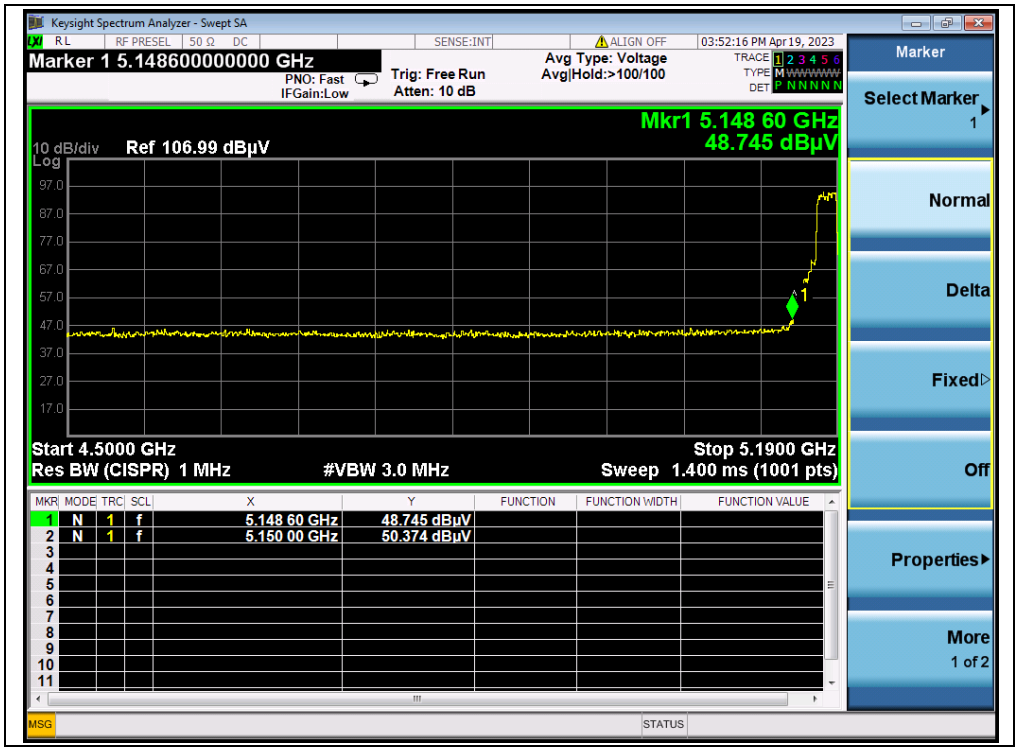
No.	Fre. (MHz)	Emission Level (dBµV)		Limit (dBµV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1500	41.71	30.16	66.00	56.00	Neutral	PASS
2	0.1635	43.66	34.04	65.28	55.28		PASS
3	0.1860	40.99	31.19	64.21	54.21		PASS
4	0.2176	37.55	29.37	62.91	52.91		PASS
5	1.6385	31.80	22.60	56.00	46.00		PASS
6	1.9922	30.06	21.83	56.00	46.00		PASS

A.8. Restricted Frequency Bands

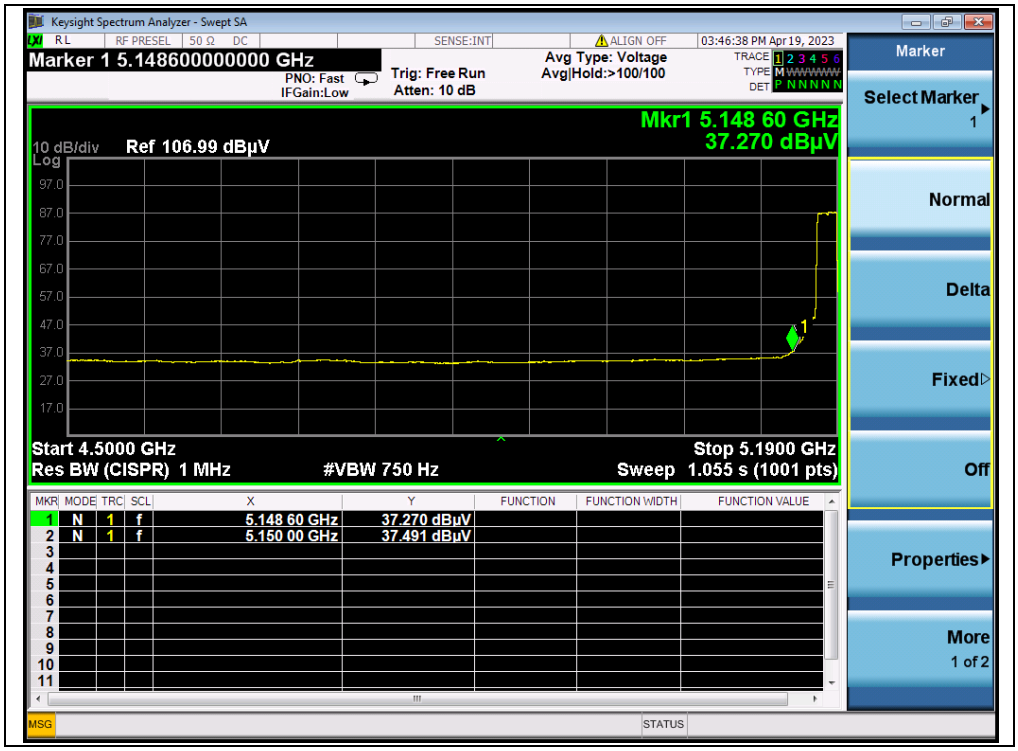
The lowest and highest channels are tested to verify the Restricted Frequency Bands.
The measurement results are obtained as below:
E [dBμV/m] =U_R + A_T + A_{Factor} [dB]; A_T =$L_{Cable\ loss}$ [dB]-G_{preamp} [dB]
A_T: Total correction Factor except Antenna
U_R: Receiver Reading
G_{preamp}: Preamplifier Gain
A_{Factor}: Antenna Factor at 3m
Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (vertical) was recorded in this test report.
Note 2 All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

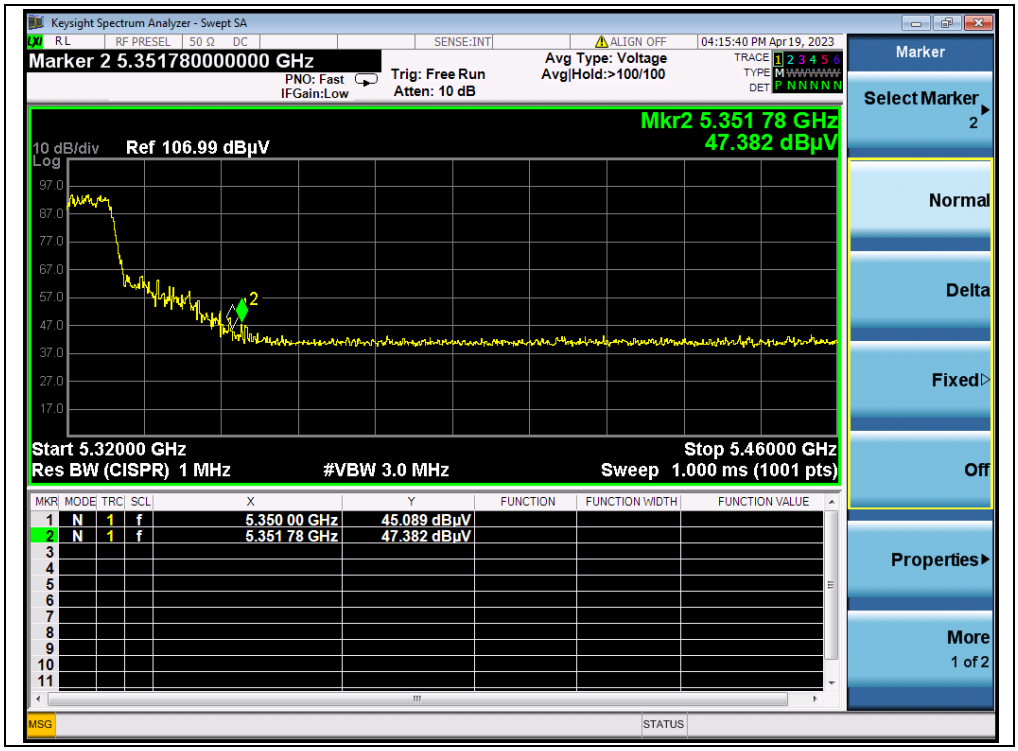
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBμV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
36	5150.00	PK	50.37	-19.54	32.20	63.03	74	PASS
36	5150.00	AV	37.49	-19.54	32.20	50.15	54	PASS
64	5351.78	PK	47.38	-18.80	32.20	60.78	74	PASS
64	5350.00	AV	36.44	-18.80	32.20	49.84	54	PASS
100	5467.67	PK	49.23	-19.20	32.20	62.23	68.23	PASS
100	5460.00	AV	37.45	-19.20	32.20	50.45	54	PASS
140	5725.50	PK	52.30	-19.20	32.20	65.30	68.23	PASS
149	5725.00	PK	60.55	-19.01	32.20	73.74	122.23	PASS
165	5850.00	PK	51.80	-19.01	32.20	64.99	122.23	PASS



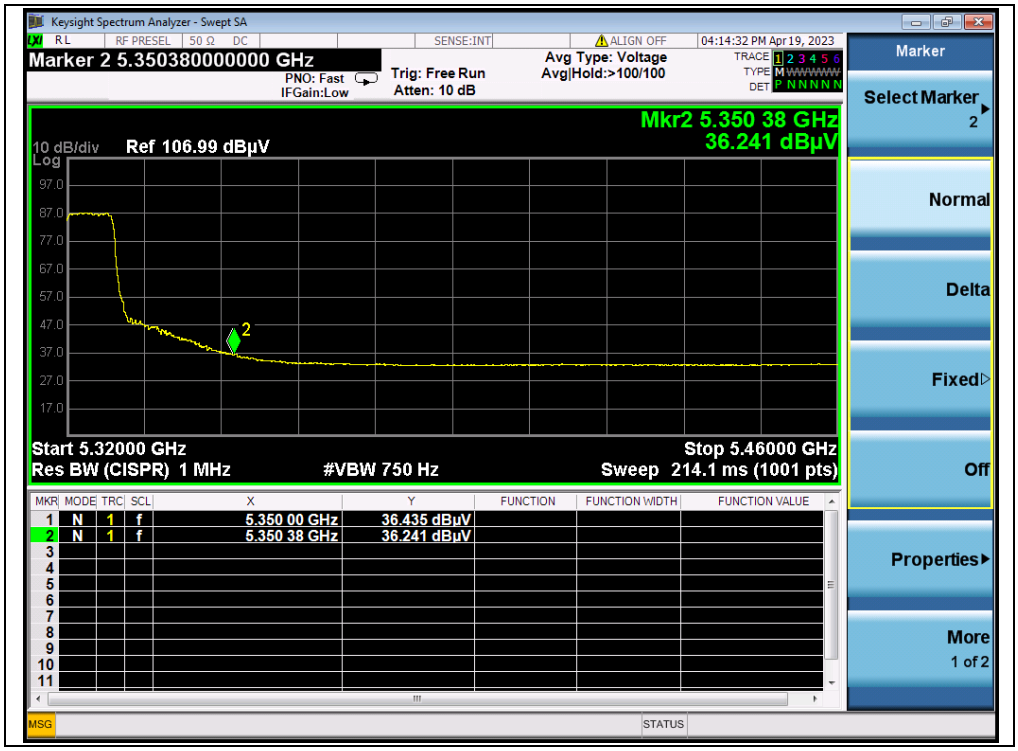
(PEAK, Channel 36, 802.11a)



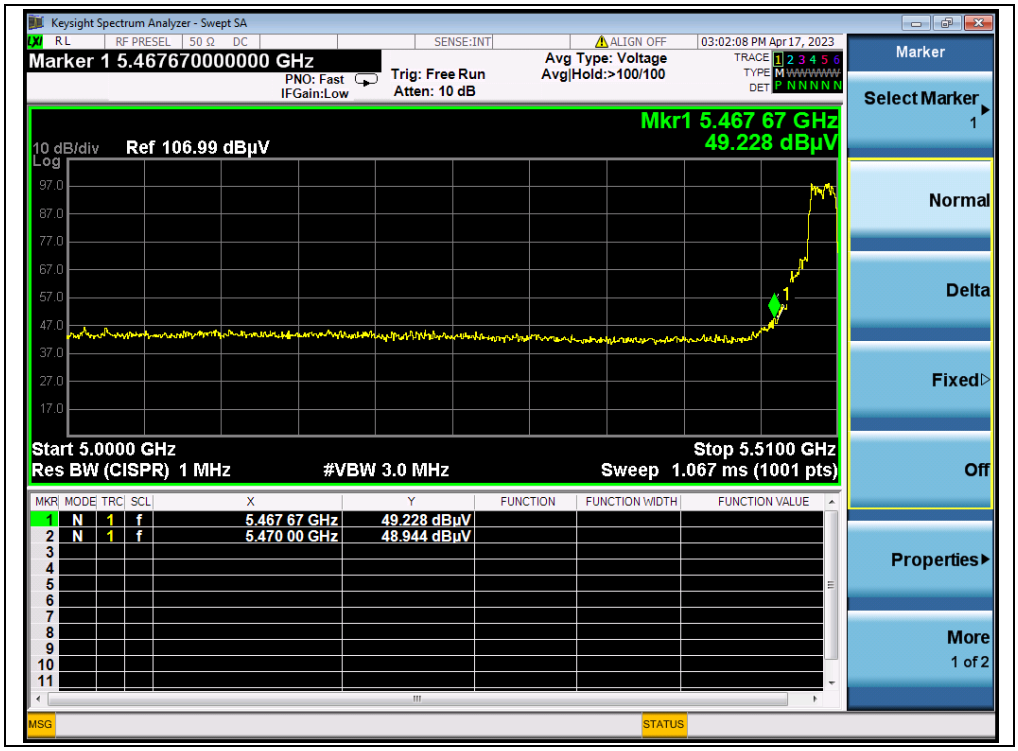
(AVERAGE, Channel 36, 802.11a)



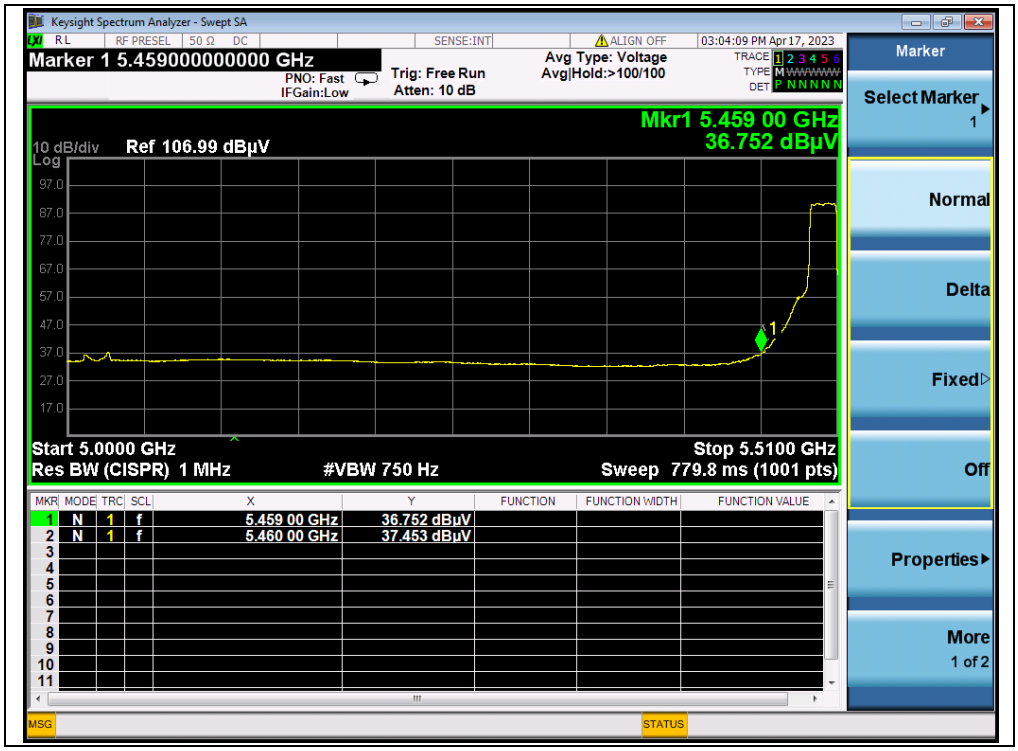
(PEAK, Channel 64, 802.11a)



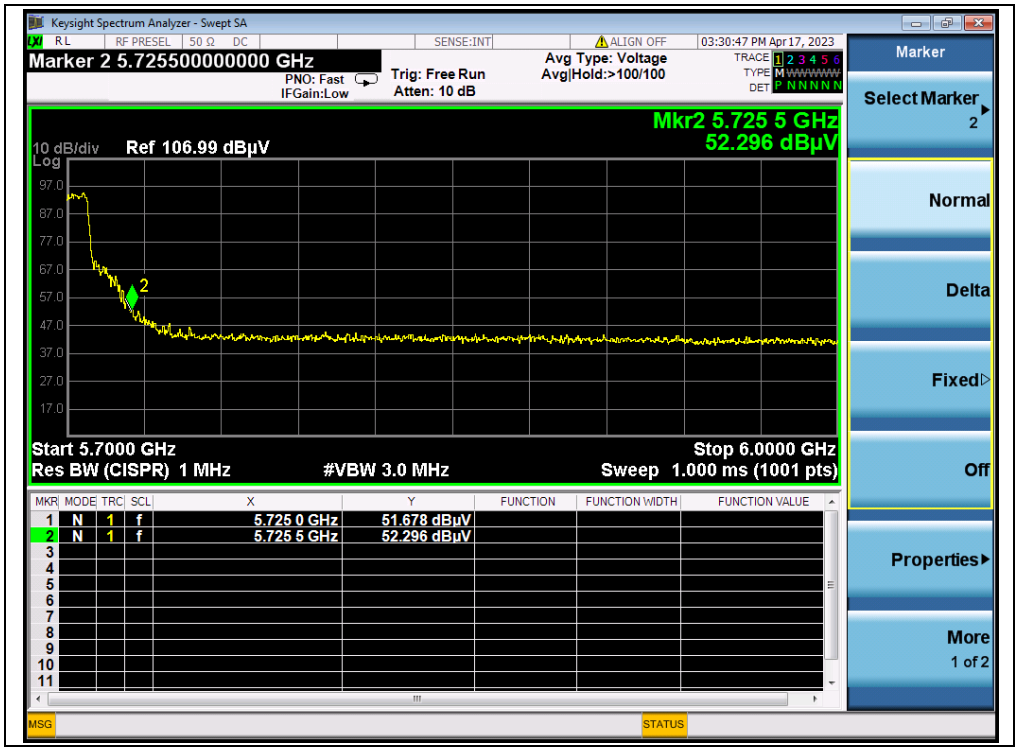
(AVERAGE, Channel 64, 802.11a)



(PEAK, Channel 100, 802.11a)



(AVERAGE, Channel 100, 802.11a)



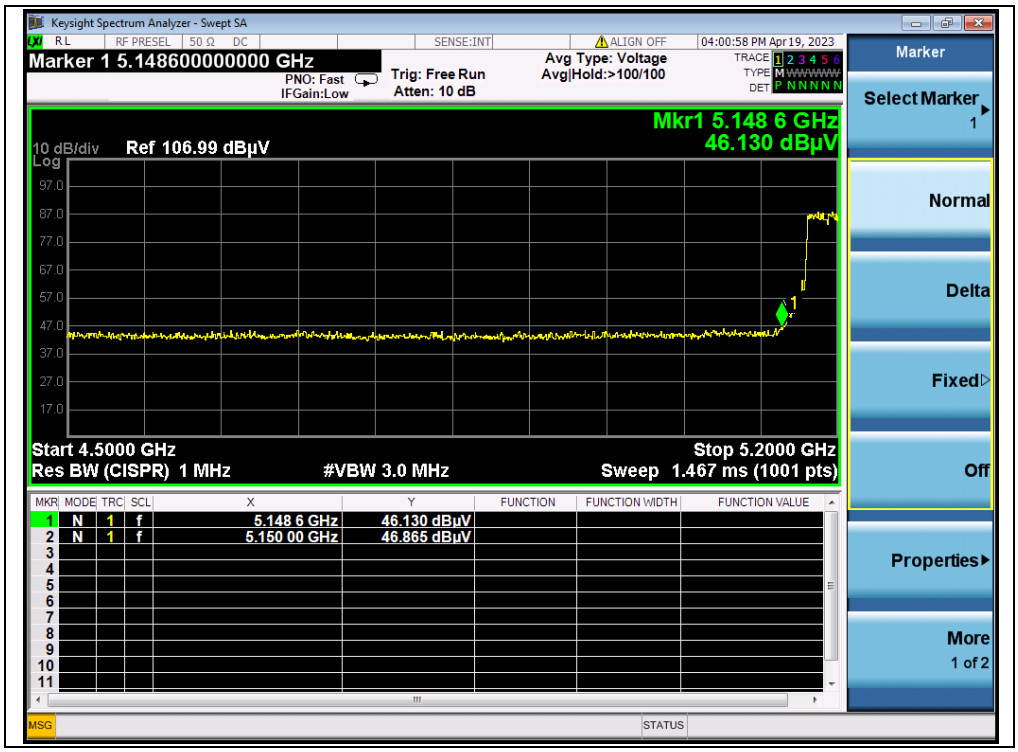
(PEAK, Channel 140, 802.11a)

(PEAK, Channel 149, 802.11a)

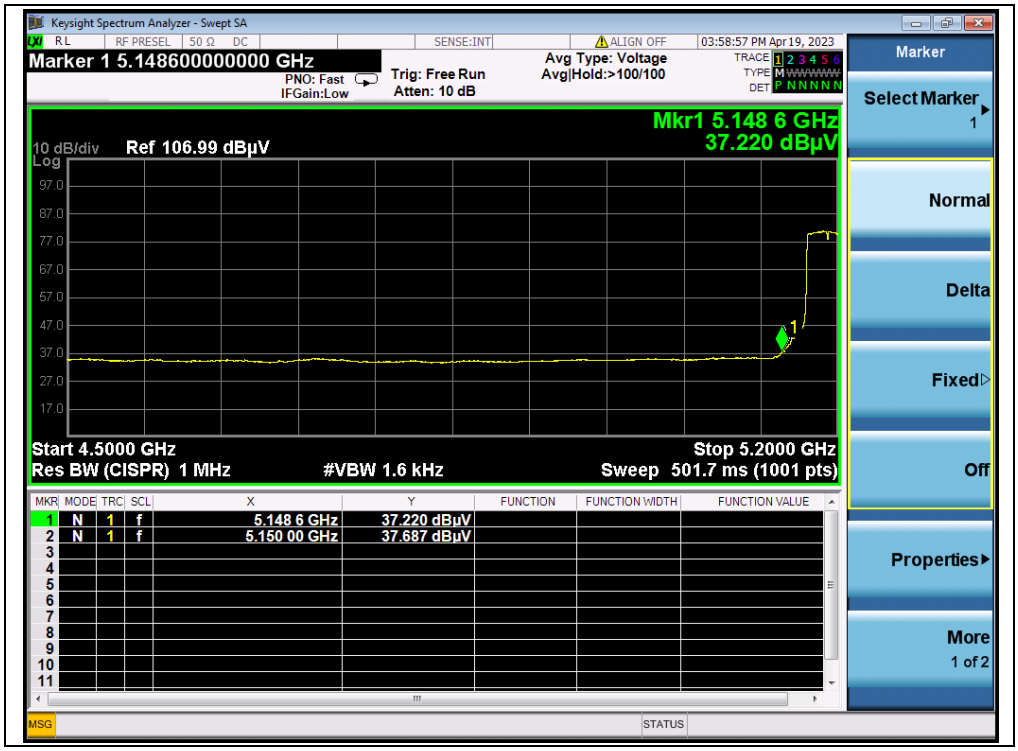
(PEAK, Channel 165, 802.11a)

802.11n (HT40) Mode

Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBμV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
38	5150.00	PK	46.87	-19.54	32.20	59.53	74	PASS
38	5150.00	AV	37.69	-19.54	32.20	50.35	54	PASS
62	5351.78	PK	47.38	-18.80	32.20	60.78	74	PASS
62	5350.00	AV	36.44	-18.80	32.20	49.84	54	PASS
102	5470.00	PK	49.27	-19.20	32.20	62.27	68.23	PASS
102	5046.11	AV	37.11	-19.20	32.20	50.11	54	PASS
134	5725.44	PK	48.13	-19.20	32.20	61.13	68.23	PASS
151	5700.00	PK	62.76	-19.01	32.20	75.95	110.83	PASS
159	5850.00	PK	49.41	-19.01	32.20	62.60	122.23	PASS

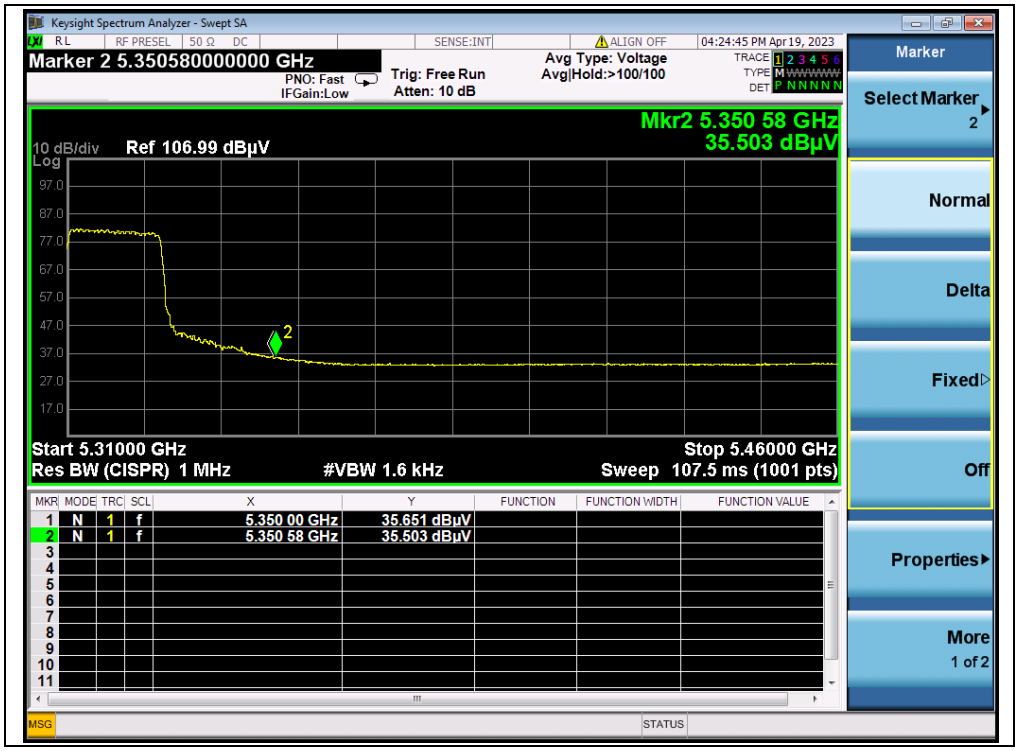


(PEAK, Channel 38, 802.11n (HT40))

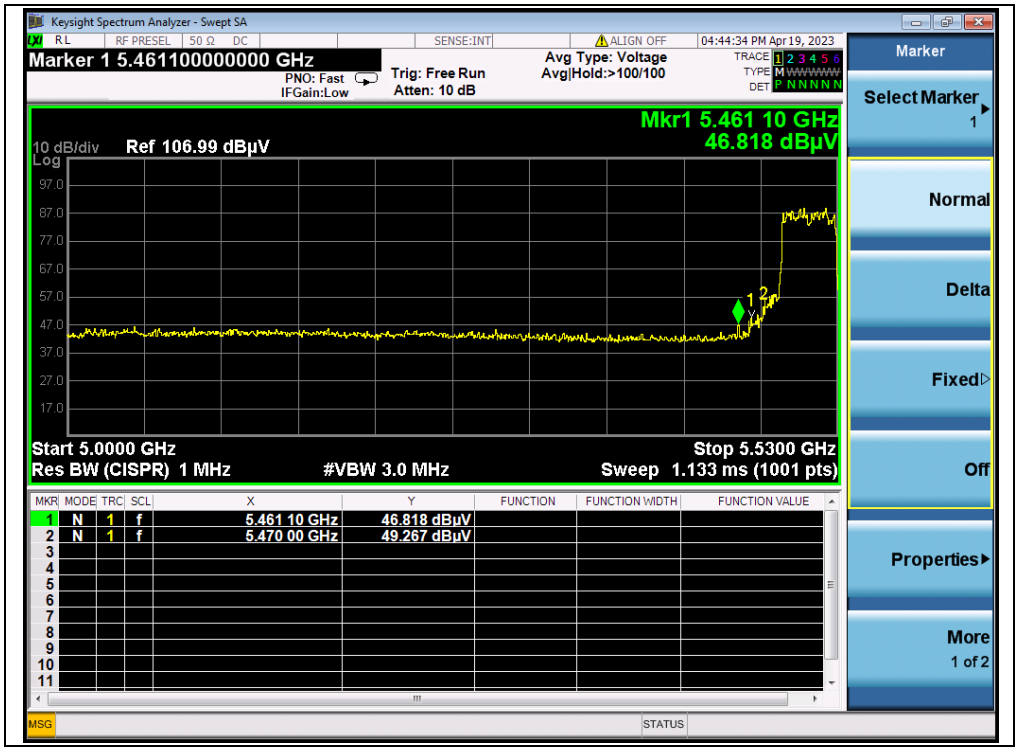


(AVERAGE, Channel 38, 802.11n (HT40))

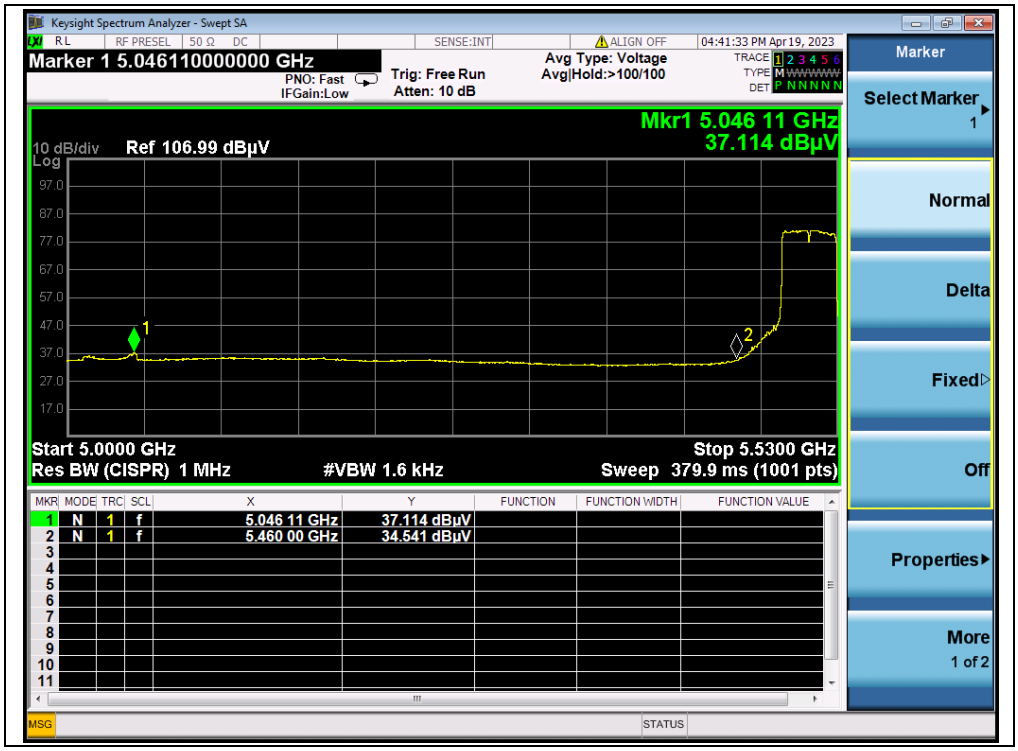
(PEAK, Channel 62, 802.11n (HT40))



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



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



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

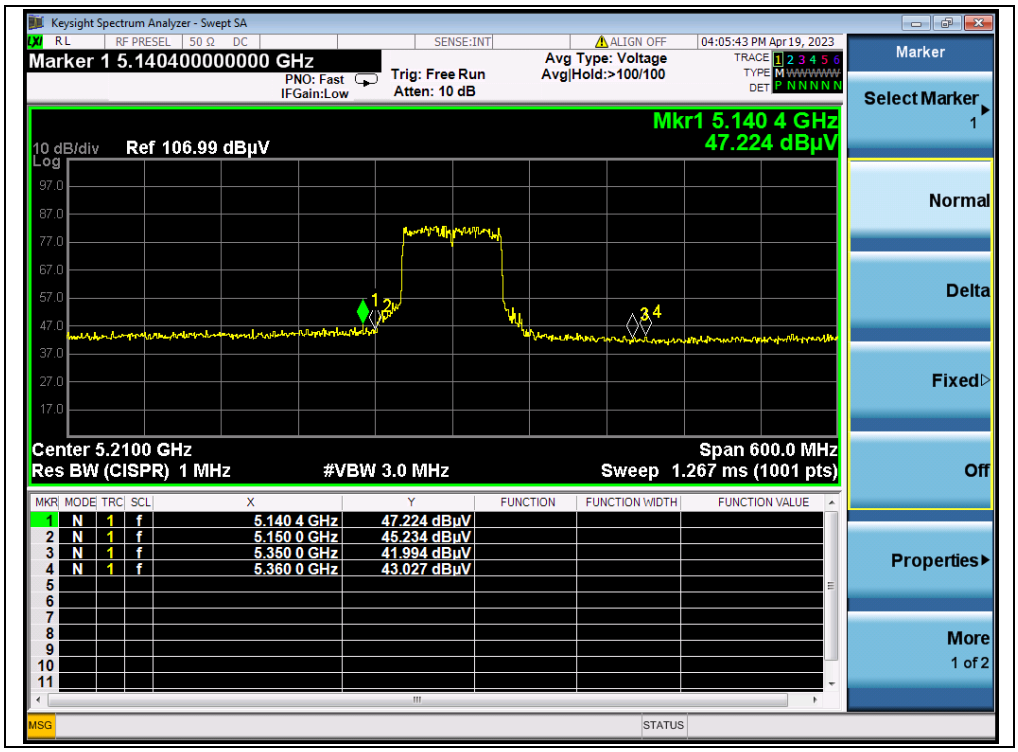
(PEAK, Channel 134, 802.11n (HT40))

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

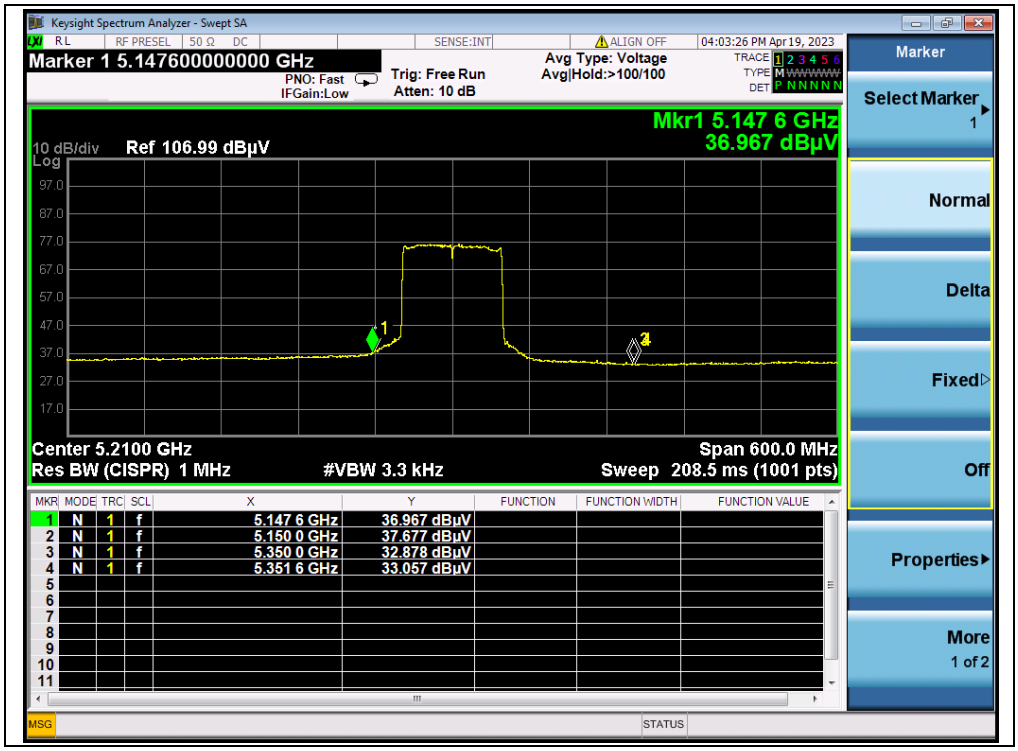
(PEAK, Channel 159, 802.11n (HT40))

802.11ac (VHT80) Mode

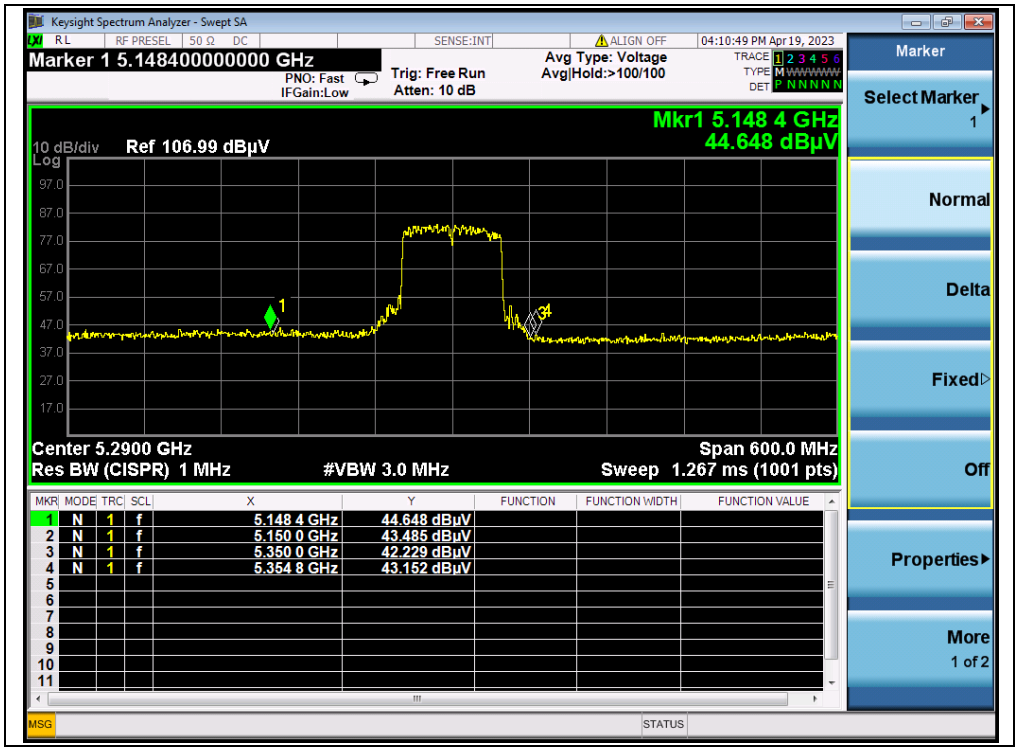
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dBμV)	A_T (dB)	A_{Factor} (dB@3m)	Max. Emission E (dBμV/m)	Limit (dBμV/m)	Verdict
		PK/ AV						
42	5140.40	PK	47.22	-19.54	32.20	59.88	74	PASS
42	5150.00	AV	37.68	-19.54	32.20	50.34	54	PASS
58	5354.80	PK	43.15	-18.80	32.20	56.55	74	PASS
58	5350.00	AV	34.49	-18.80	32.20	47.89	54	PASS
106	5465.48	PK	45.49	-19.20	32.20	58.49	68.23	PASS
106	5459.00	AV	36.92	-19.20	32.20	49.92	54	PASS
138	5729.73	PK	47.95	-19.20	32.20	60.95	68.23	PASS
155	5725.00	PK	62.70	-19.01	32.20	75.89	122.23	PASS
155	5855.00	PK	59.30	-19.01	32.20	72.49	110.83	PASS



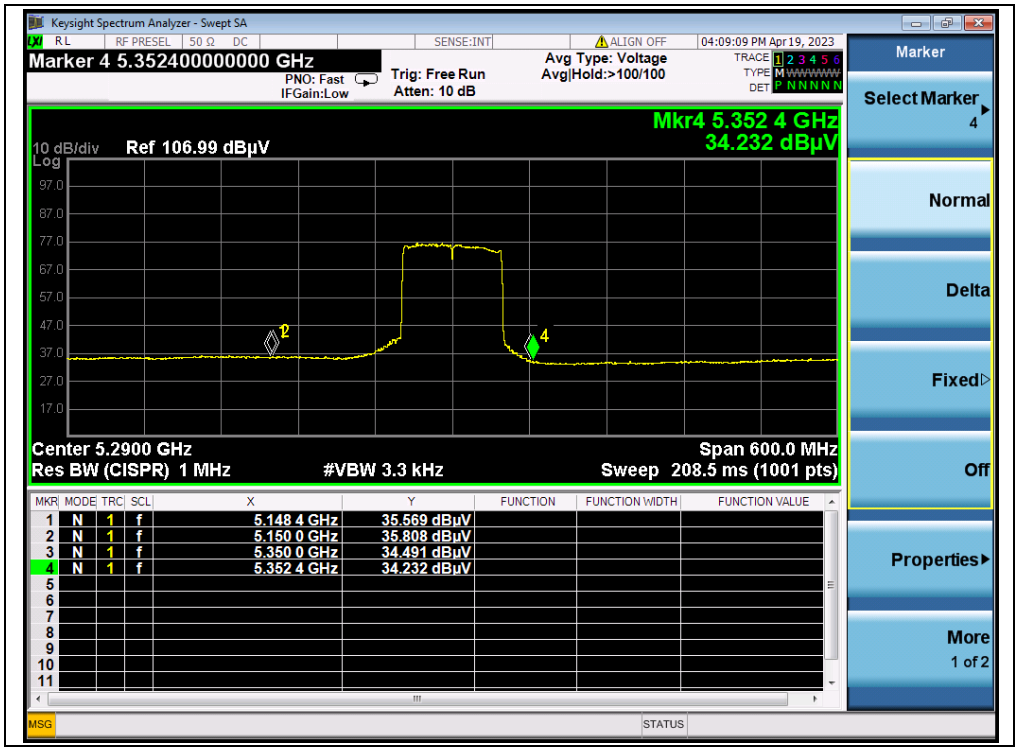
(PEAK, Channel 42, 802.11ac (VHT80))



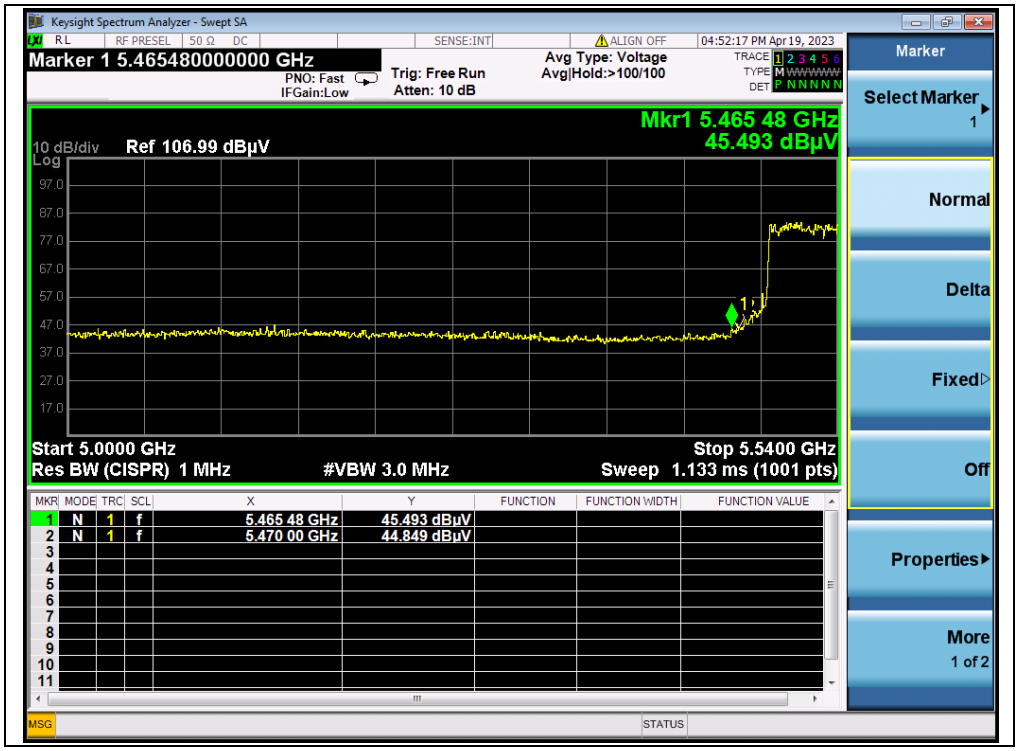
(AVERAGE, Channel 42, 802.11ac (VHT80))



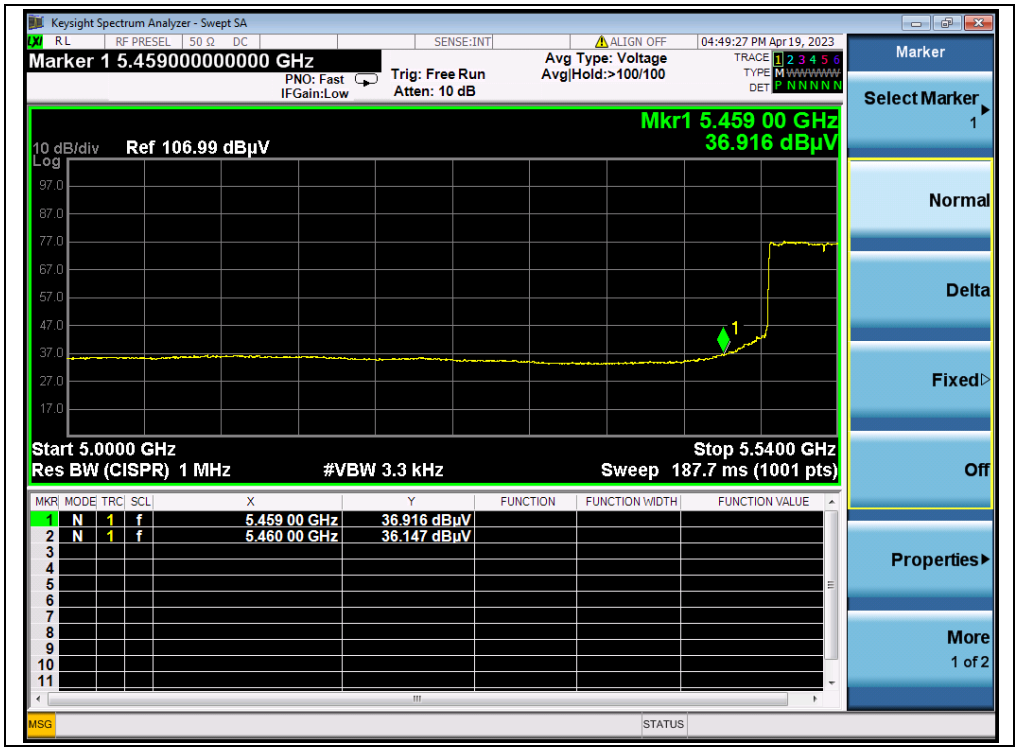
(PEAK, Channel 58, 802.11ac (VHT80))



(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:

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

A_T: Total correction Factor except Antenna

U_R: Receiver Reading

G_{preamp}: Preamplifier Gain

A_{Factor}: Antenna Factor at 3m

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.

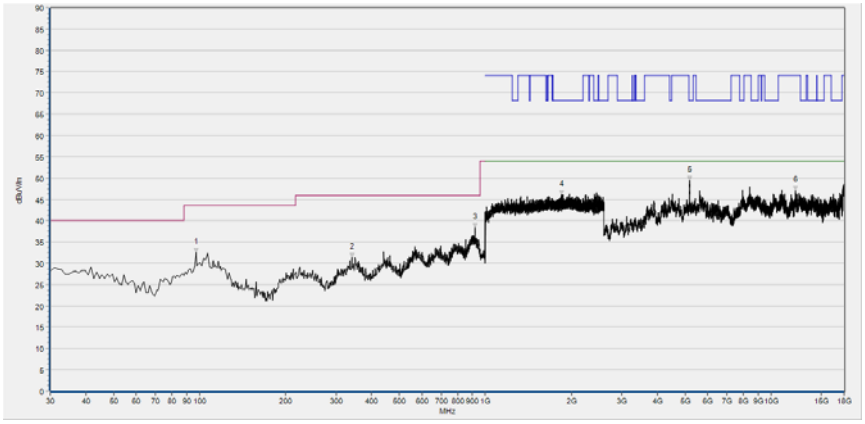
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

Note3: For the frequency, which started from 18GHz to 10th harmonic of the highest frequency, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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

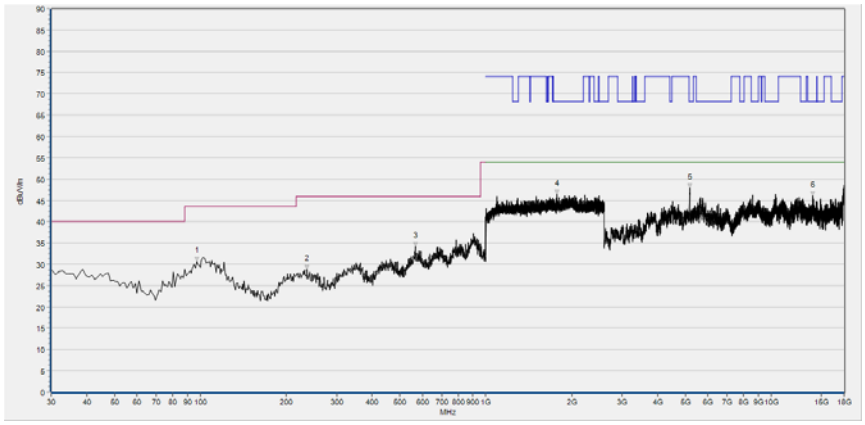
802.11a Mode

Plot for Channel 36



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
96.930	32.56	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
341.370	31.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
919.490	38.42	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1849.067	46.01	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5181.040	49.50	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12163.400	47.10	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

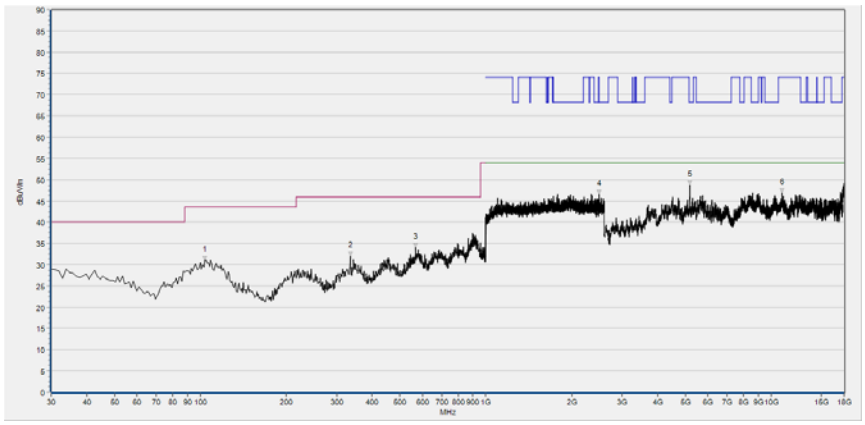
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
96.930	30.63	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
236.610	28.89	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
565.440	34.15	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1773.333	46.35	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5184.120	48.54	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13996.000	46.12	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

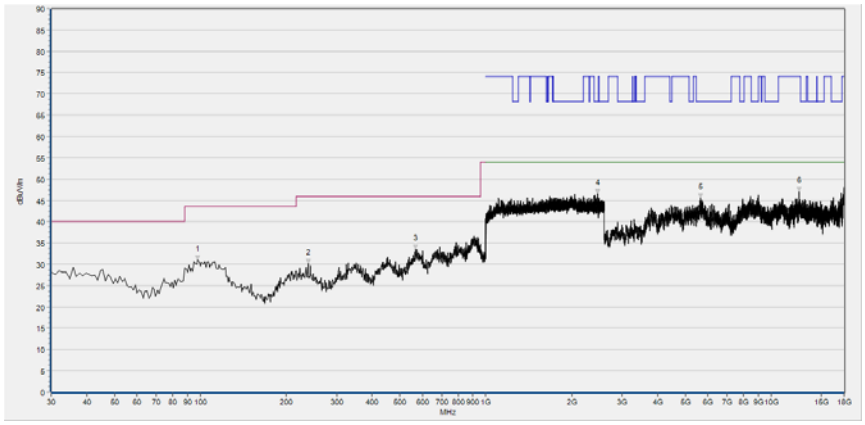
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 44



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
103.720	30.95	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
335.550	32.02	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
568.350	34.03	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2488.000	46.52	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5219.040	48.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10885.200	47.00	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

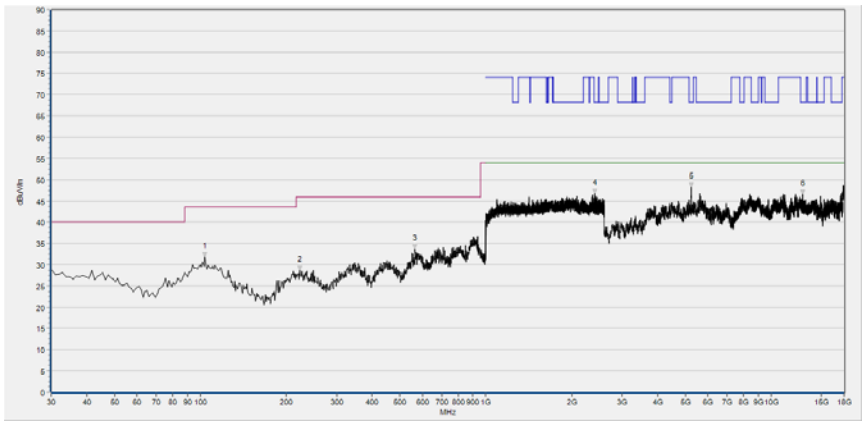
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
97.900	31.05	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
238.550	30.14	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
568.350	33.47	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2459.200	46.55	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5639.960	45.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12517.600	47.11	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

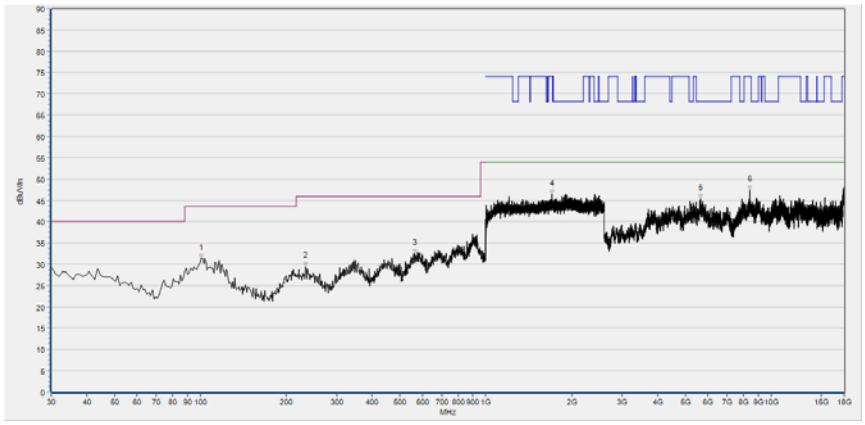
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	31.92	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
223.030	28.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
564.470	33.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2412.800	46.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5233.400	48.34	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12887.200	46.61	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

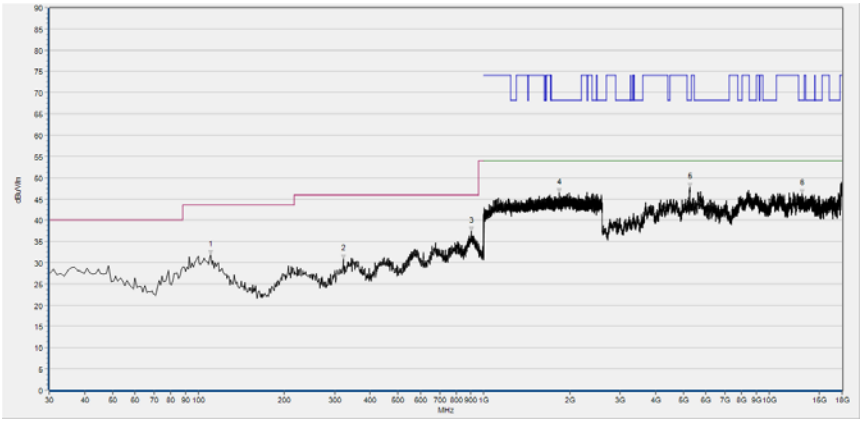
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	31.39	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
233.700	29.49	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
562.530	32.51	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1706.667	46.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5652.280	45.49	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8427.360	47.43	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

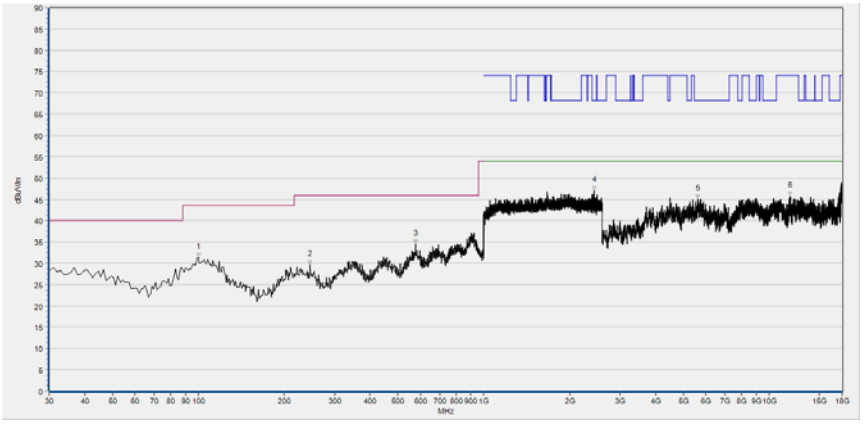
(Antenna Vertical, 30MHz to 18GHz)

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
110.510	31.91	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
321.970	30.78	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
902.030	37.36	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1837.867	46.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5261.120	47.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13056.600	46.25	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

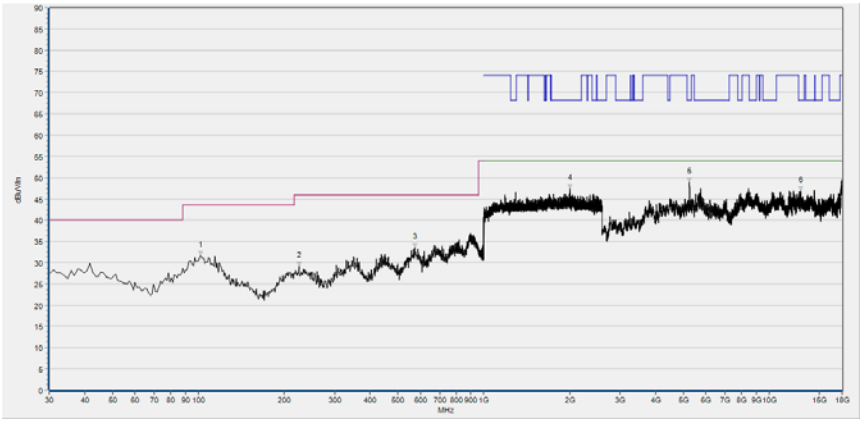
(Antenna Horizontal, 30MHz to 18GHz)



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
99.840	31.42	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
246.310	29.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
576.110	34.57	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2441.067	47.08	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5630.720	45.07	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11833.840	45.73	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

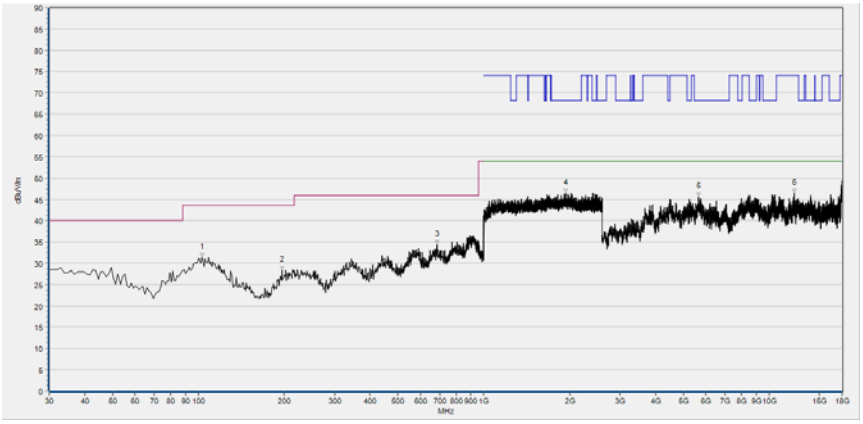
(Antenna Vertical, 30MHz to 18GHz)

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
101.780	31.60	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
224.970	29.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
572.230	33.55	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2003.733	47.37	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5298.960	48.94	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12890.280	47.01	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

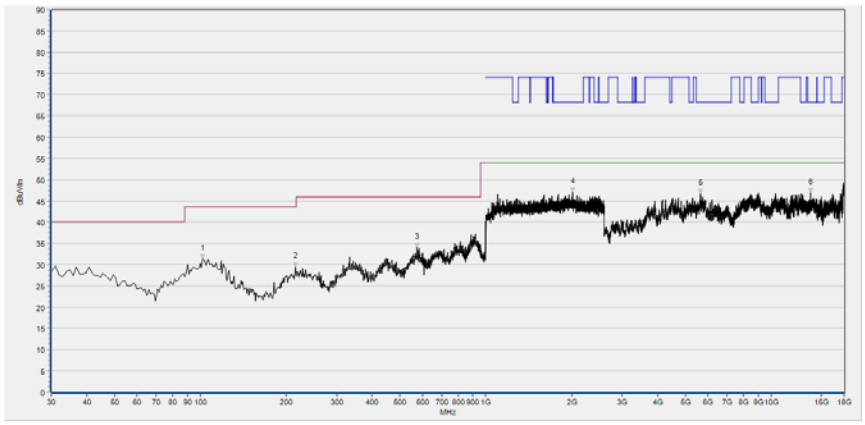
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	31.27	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
195.870	28.25	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
683.780	34.37	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1931.200	46.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5649.200	45.60	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12261.960	46.50	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

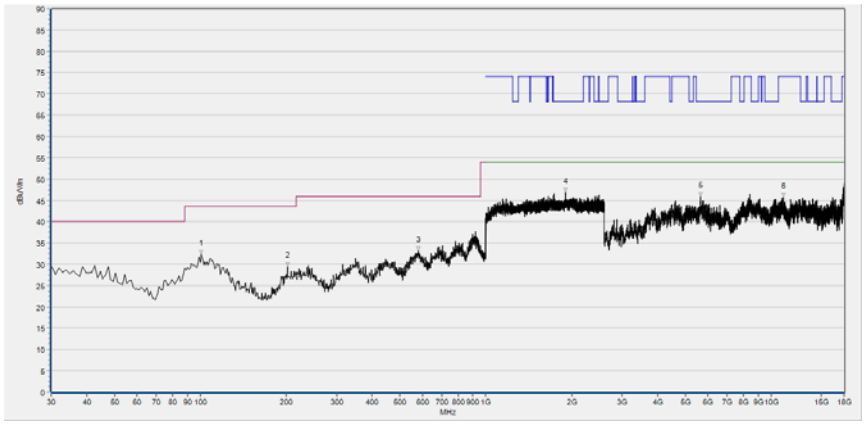
(Antenna Vertical, 30MHz to 18GHz)

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
101.780	31.28	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
215.270	29.56	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
573.200	33.94	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2010.133	47.15	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5643.040	46.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13728.040	46.85	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

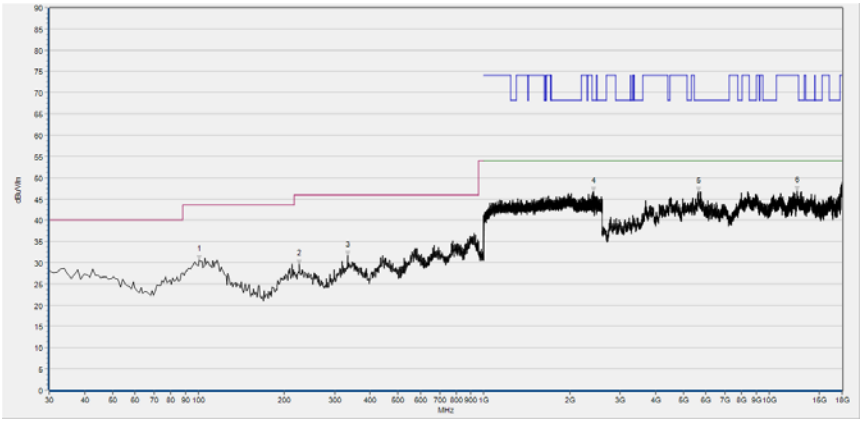
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	32.27	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
201.690	29.52	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
580.960	33.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1903.467	46.87	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5652.280	45.99	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11008.400	45.68	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

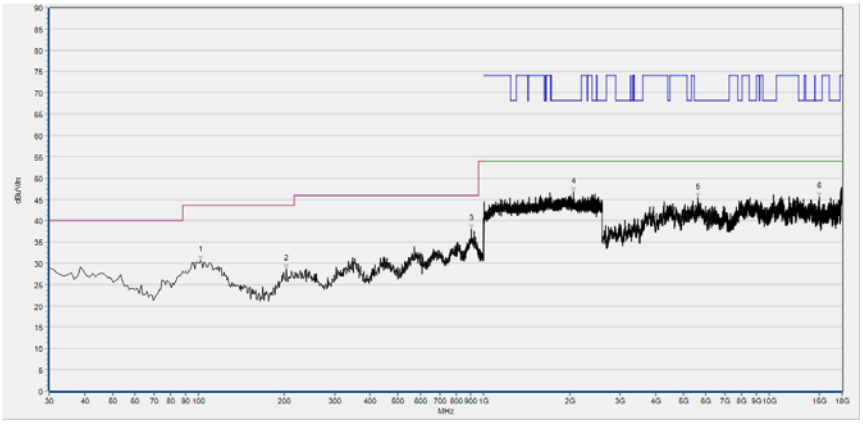
(Antenna Vertical, 30MHz to 18GHz)

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
100.810	30.68	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
225.940	29.62	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
333.610	31.65	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2421.867	46.73	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5649.200	46.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12554.560	46.86	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

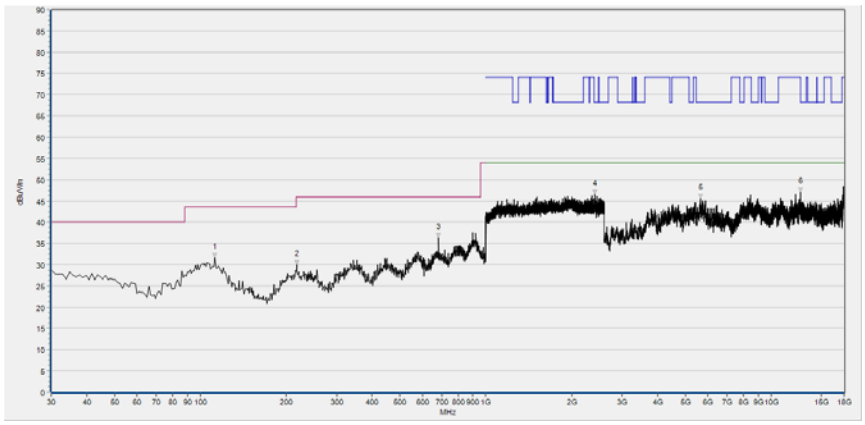
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	30.69	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
203.630	28.64	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
905.910	38.03	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2064.533	46.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5630.720	45.34	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
15009.320	45.59	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

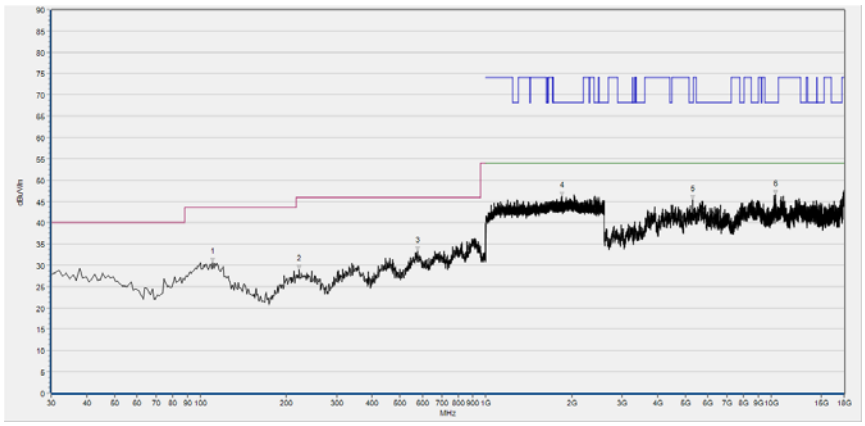
(Antenna Vertical, 30MHz to 18GHz)

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
112.450	31.75	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
217.210	29.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
682.810	36.34	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2409.067	46.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5639.960	45.61	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12683.920	47.05	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

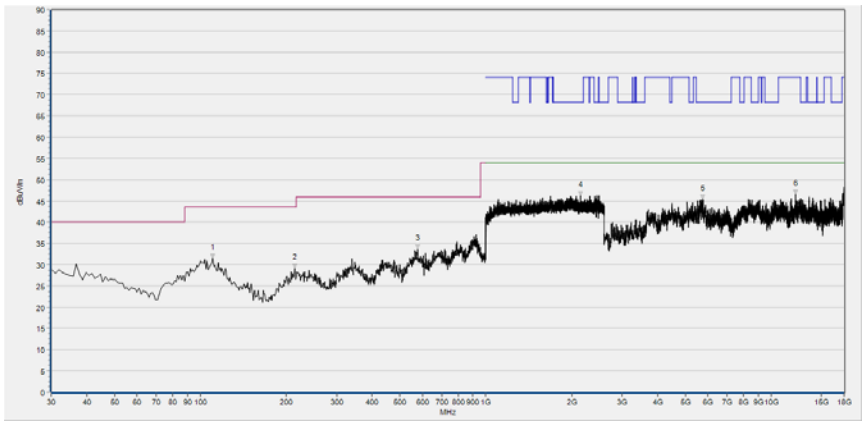
(Antenna Horizontal, 30MHz to 18GHz)



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
110.510	30.63	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
222.060	29.04	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
576.110	33.35	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1849.600	46.25	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5298.080	45.34	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10327.720	46.63	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

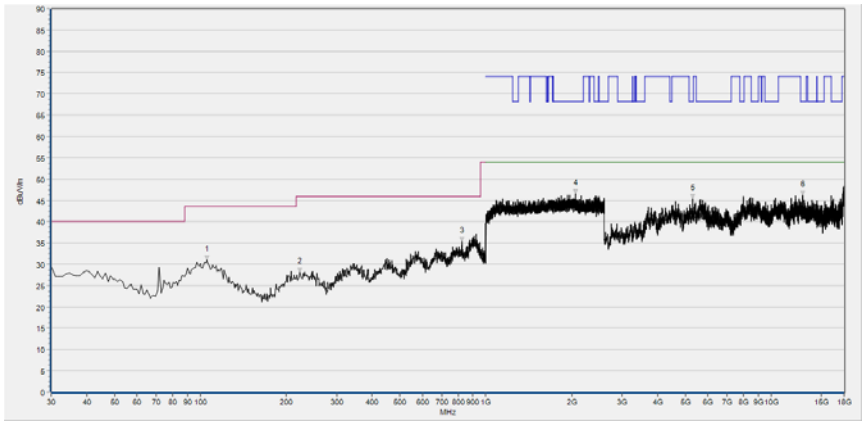
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 140



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	31.44	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
214.300	29.12	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
578.050	33.67	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2146.133	46.18	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5766.240	45.37	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12160.320	46.57	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

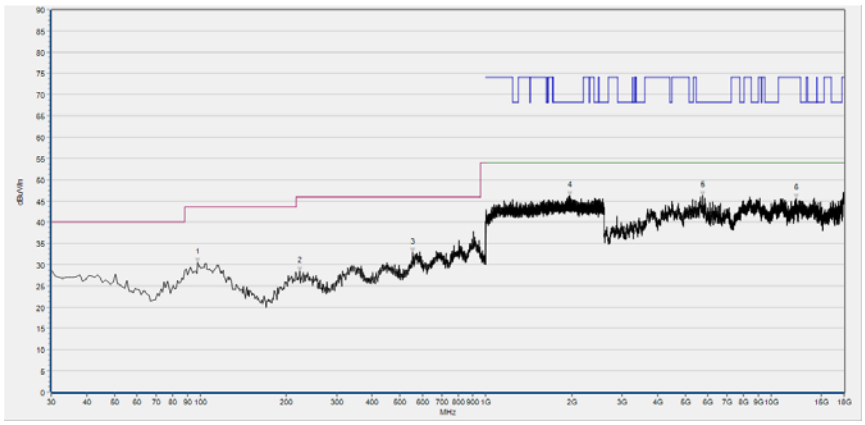
(Antenna Horizontal, 30MHz to 18GHz)



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
105.660	30.94	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
223.030	28.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
826.370	35.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2056.000	46.57	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5301.160	45.43	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12884.120	46.23	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

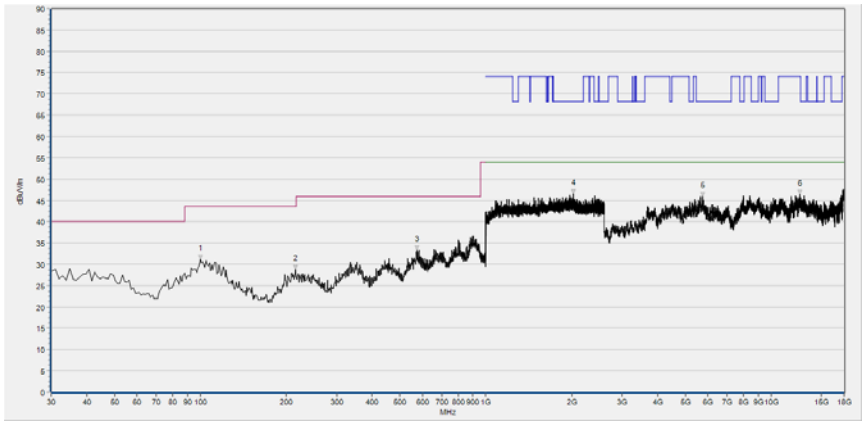
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 149



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
97.900	30.51	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
223.030	28.49	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
552.830	32.86	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1965.867	46.21	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5757.000	46.20	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12203.440	45.51	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

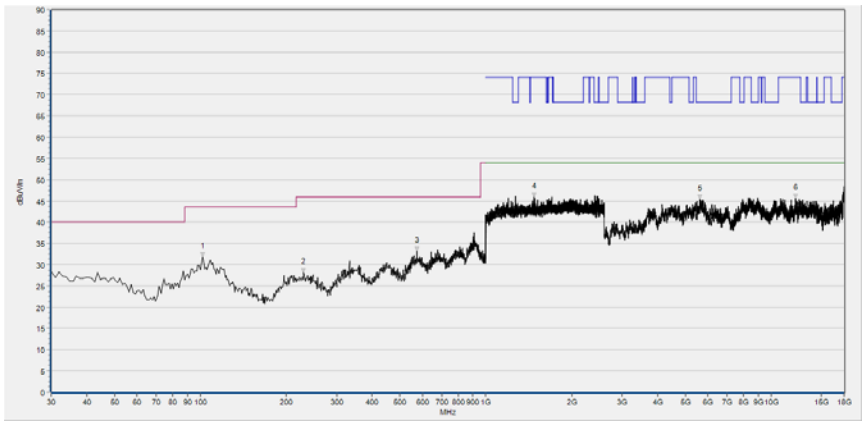
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
99.840	31.10	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
215.270	28.85	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
574.170	33.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2021.867	46.61	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5738.520	45.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12576.120	46.36	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

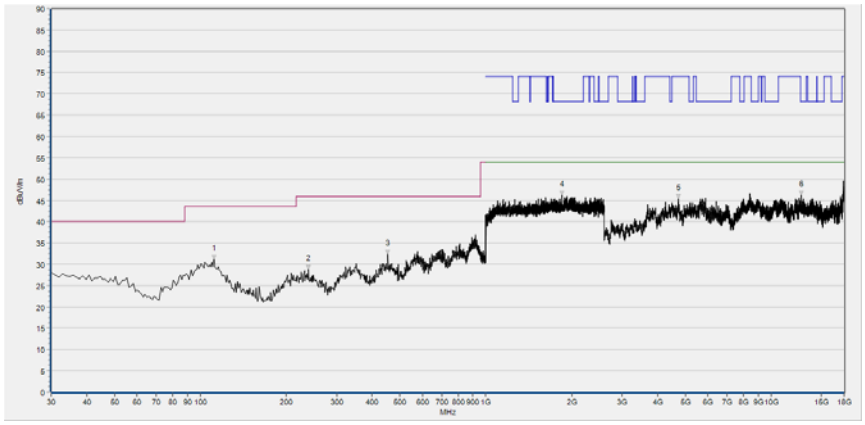
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 157



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	31.86	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
229.820	28.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
574.170	33.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1479.467	45.89	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5621.480	45.42	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12154.160	45.55	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

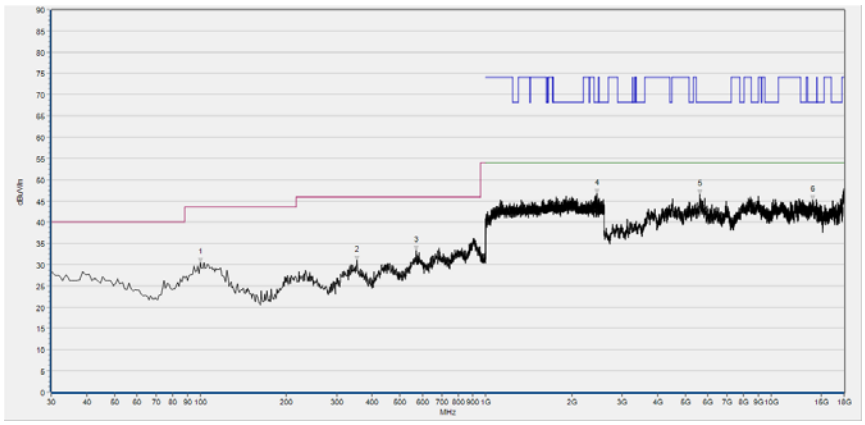
(Antenna Horizontal, 30MHz to 18GHz)



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
111.480	31.16	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
239.520	28.83	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
453.890	32.28	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1843.200	46.22	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
4737.520	45.44	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
12733.200	46.33	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

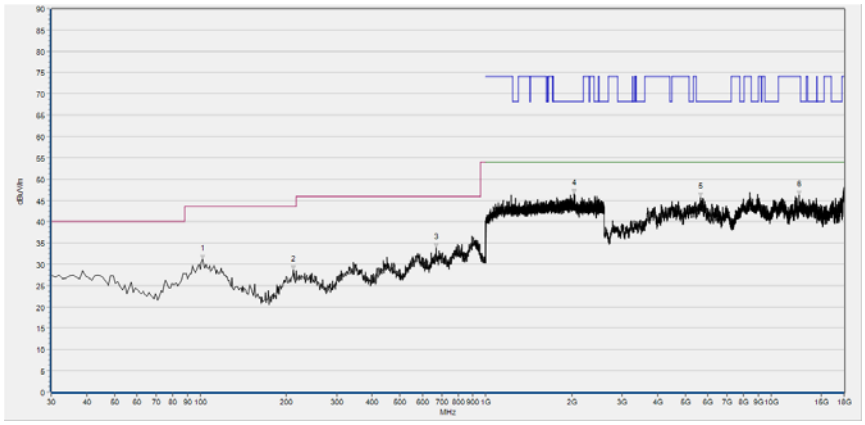
(Antenna Vertical, 30MHz to 18GHz)

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
99.840	30.44	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
353.980	31.02	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
569.320	33.30	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2450.667	46.75	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5621.480	46.60	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
14008.320	45.24	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

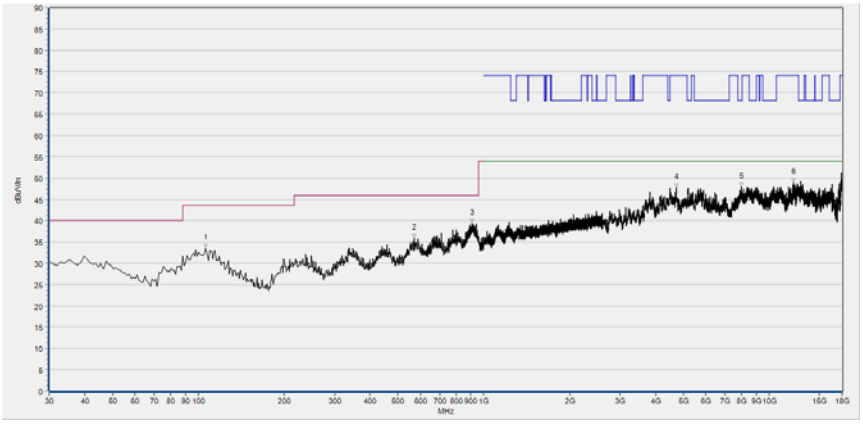


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	31.18	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
211.390	28.66	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
670.200	33.87	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2034.667	46.55	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	45.70	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12533.000	46.22	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

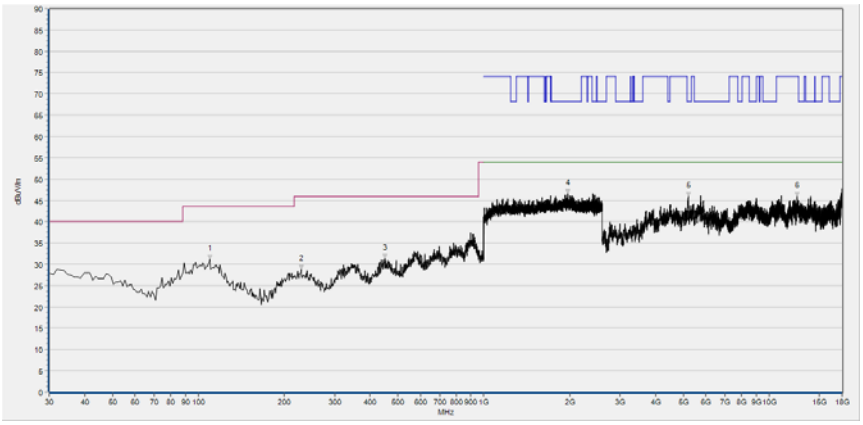
802.11n (HT40) mode

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
104.690	30.97	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
206.540	29.37	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
474.260	31.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1678.933	46.51	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5190.280	47.81	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12175.720	46.82	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

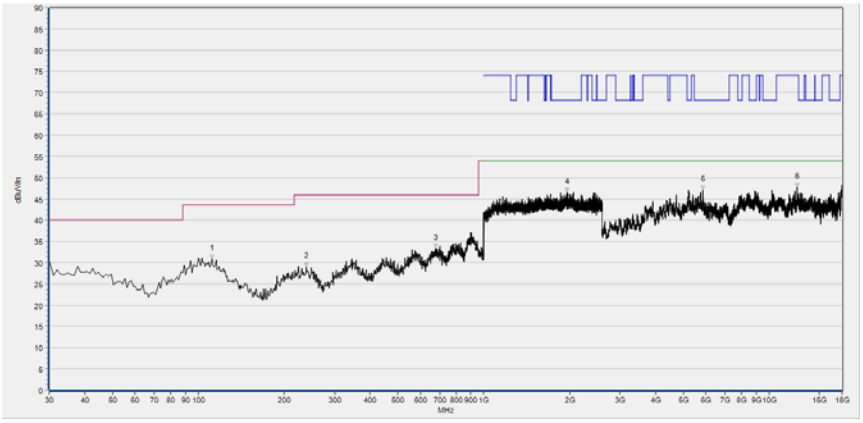
(Antenna Horizontal, 30MHz to 18GHz)



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	31.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
228.850	28.75	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
450.980	31.41	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1963.733	46.55	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5199.520	45.86	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12508.360	45.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

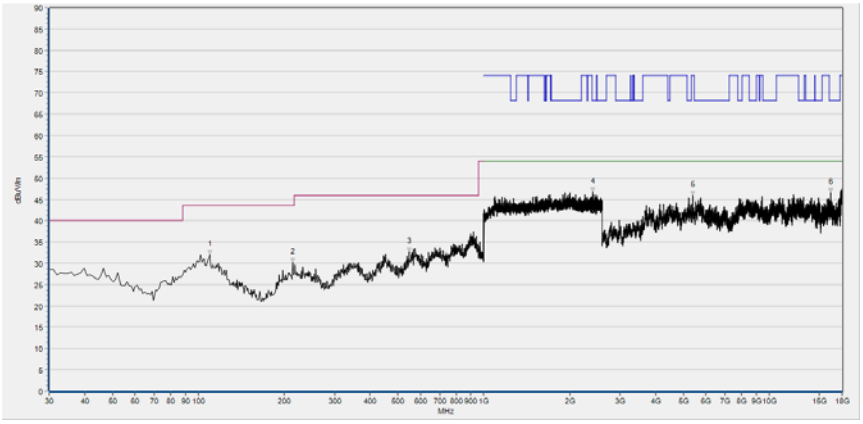
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 46



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
111.480	30.76	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
238.550	28.92	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
677.960	33.42	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1962.667	46.62	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5864.800	47.07	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12533.000	47.83	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

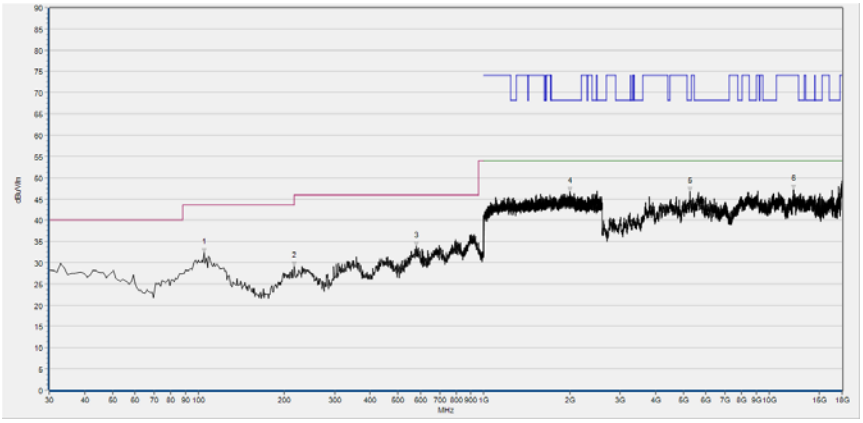
(Antenna Horizontal, 30MHz to 18GHz)



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	31.99	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
214.300	30.22	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
547.980	32.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2414.933	46.83	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5399.720	45.85	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
16410.720	46.52	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

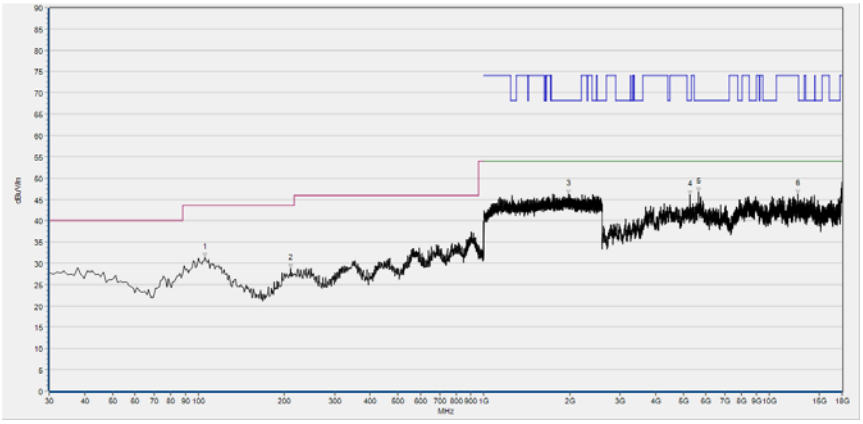
(Antenna Vertical, 30MHz to 18GHz)

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
104.690	32.41	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
216.240	29.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
579.020	33.89	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2003.200	46.69	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5273.440	46.72	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12191.120	47.18	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

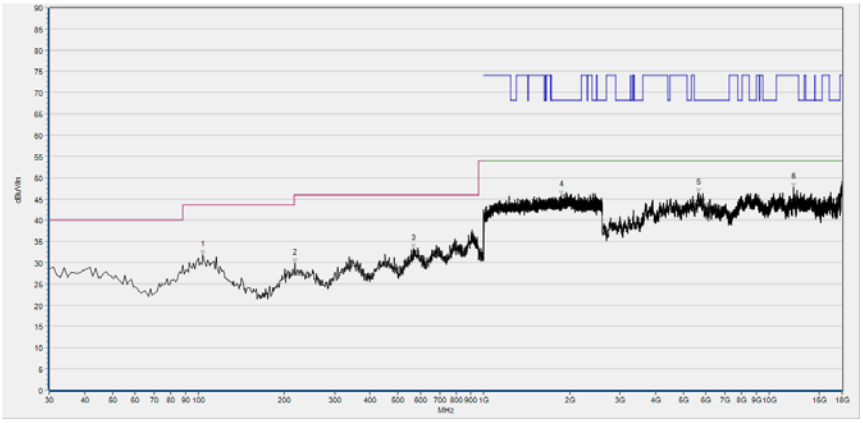
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
105.660	31.32	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
210.420	28.75	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
1977.067	46.20	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5279.600	46.16	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5655.360	46.75	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12600.760	46.19	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

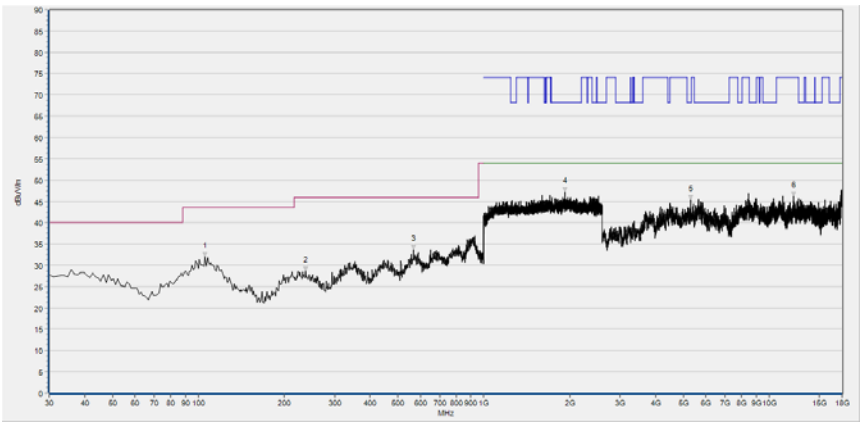
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	31.82	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
218.180	29.80	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
567.380	33.32	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1871.467	45.99	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5655.360	46.34	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12154.160	47.84	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

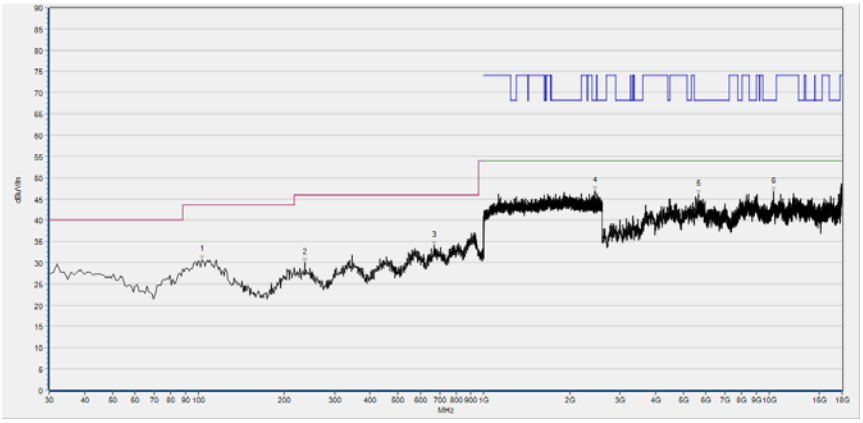
(Antenna Horizontal, 30MHz to 18GHz)



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
105.660	31.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
237.580	28.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
567.380	33.71	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1925.333	47.21	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5298.080	45.46	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12138.760	46.30	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

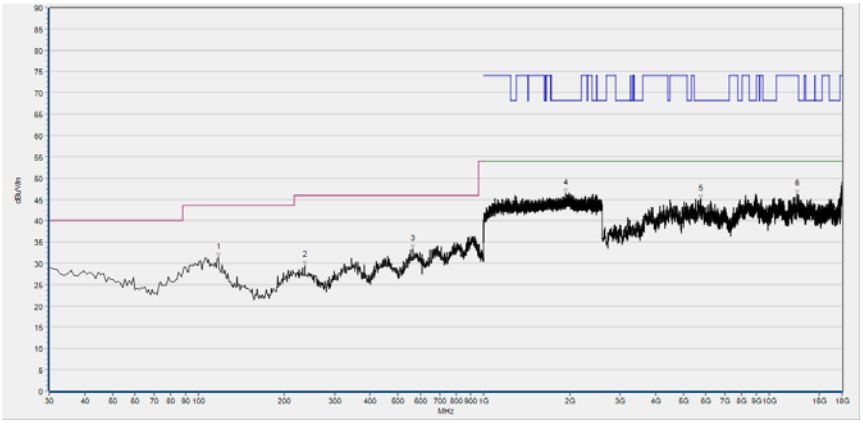
(Antenna Vertical, 30MHz to 18GHz)

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
102.750	30.61	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
235.640	29.97	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
669.230	33.98	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2456.000	46.86	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5655.360	46.04	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10327.720	46.76	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

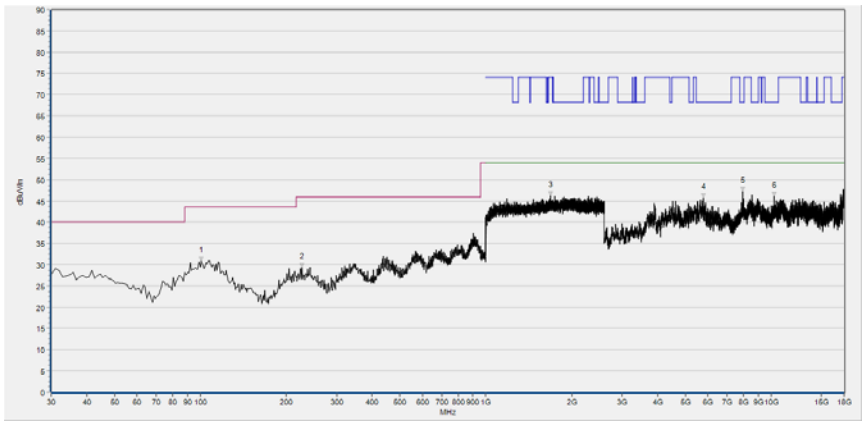
(Antenna Horizontal, 30MHz to 18GHz)



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
117.300	31.37	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
235.640	29.52	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
564.470	33.29	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1930.133	46.41	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5741.600	45.17	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12486.800	46.17	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

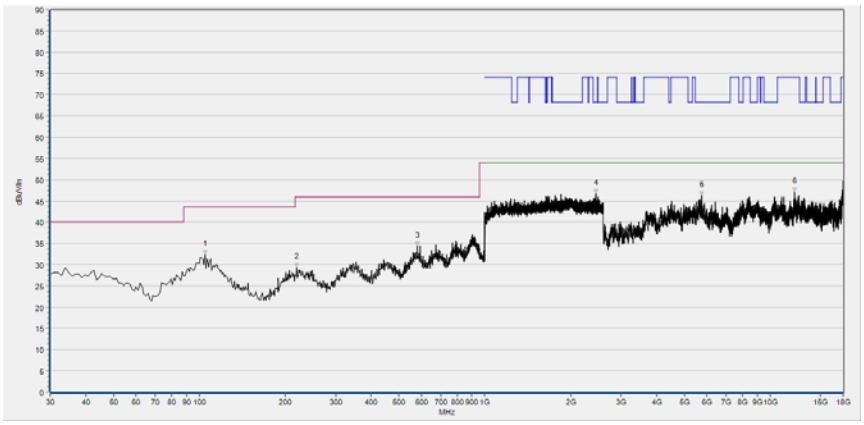
(Antenna Vertical, 30MHz to 18GHz)

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
100.810	30.92	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
226.910	29.25	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1685.867	46.32	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
5772.400	45.75	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
7959.200	47.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10223.000	46.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

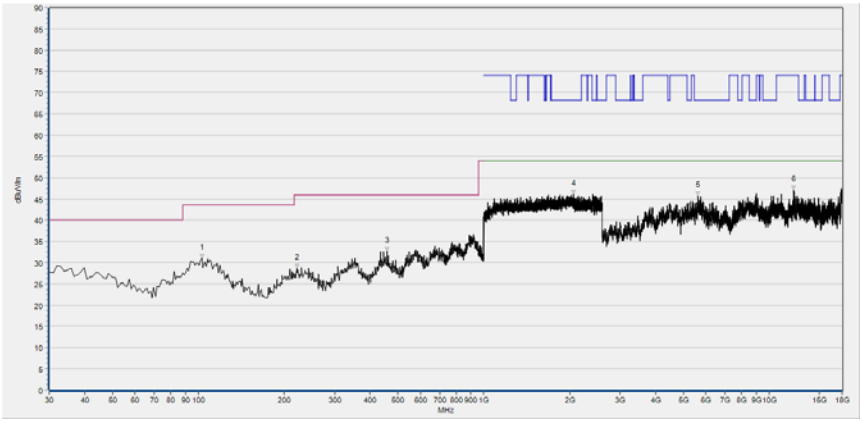
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	32.40	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
219.150	29.30	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
580.960	34.31	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2448.000	46.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5747.760	46.19	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12148.000	47.03	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

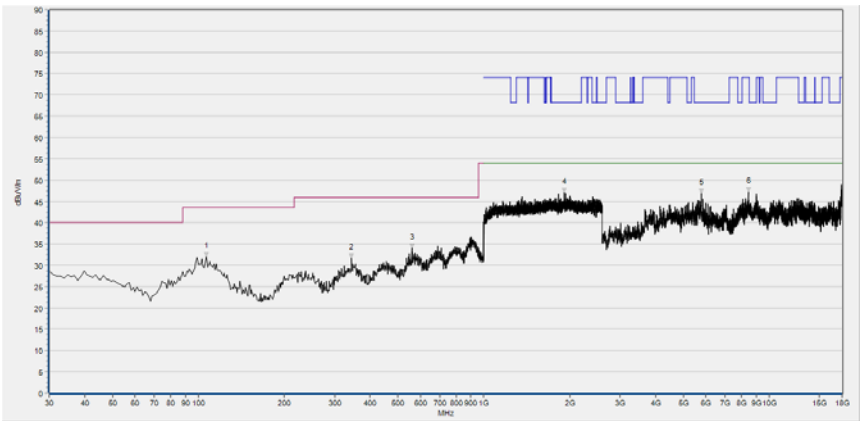
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 134



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
102.750	30.99	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
221.090	28.73	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
457.770	32.61	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2059.733	46.05	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5633.800	45.67	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12197.280	47.11	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

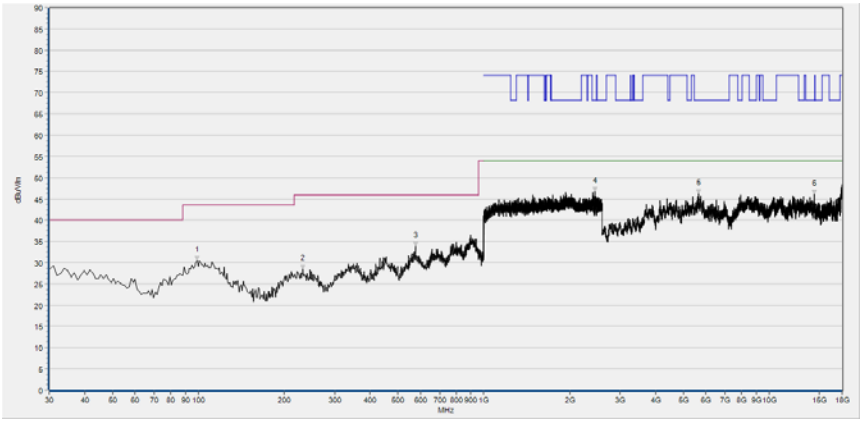
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
106.630	32.08	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
344.280	31.64	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
559.620	34.00	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1909.333	47.18	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5772.400	46.91	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8436.600	47.27	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

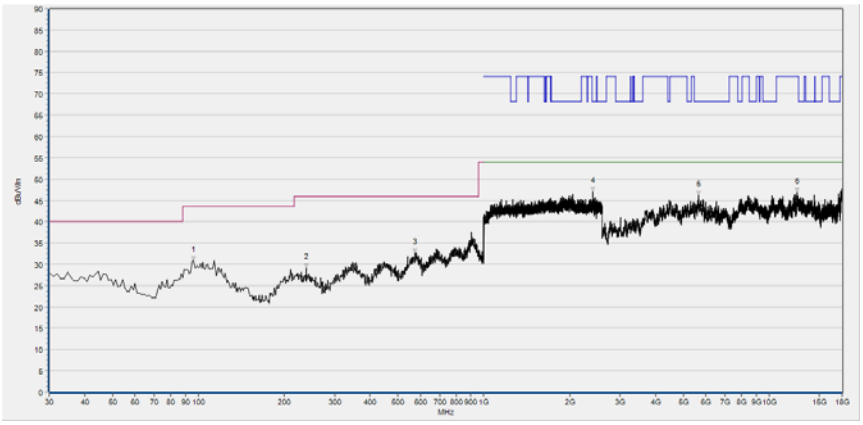
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	30.45	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
232.730	28.52	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
576.110	33.82	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2452.267	46.68	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5639.960	46.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
14405.640	46.06	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

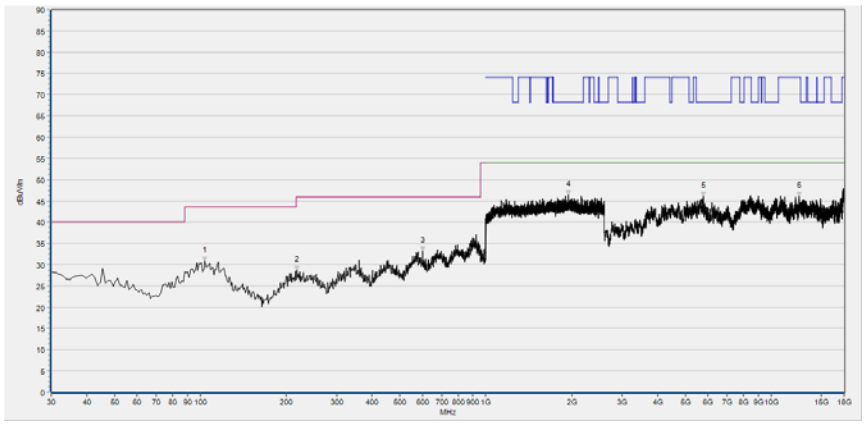
(Antenna Horizontal, 30MHz to 18GHz)



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
95.960	30.83	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
238.550	29.10	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
574.170	32.74	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2409.600	47.04	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5658.440	46.26	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12520.680	46.94	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

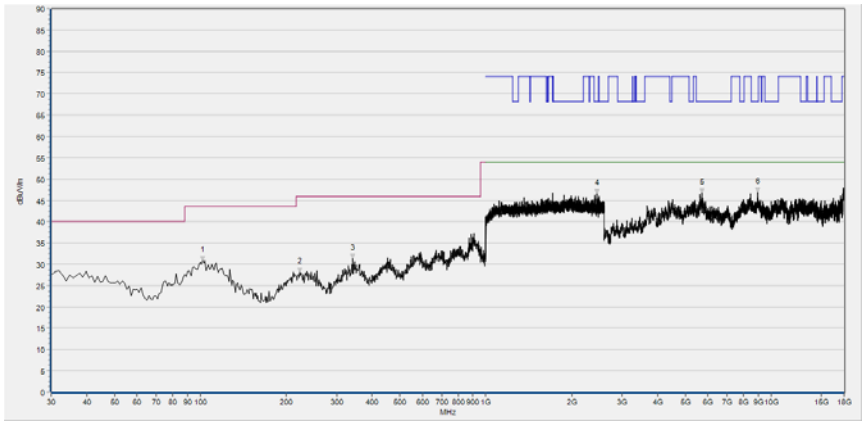
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	30.90	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
218.180	28.66	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
600.360	33.22	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1941.333	46.36	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5775.480	46.09	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12505.280	46.13	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)

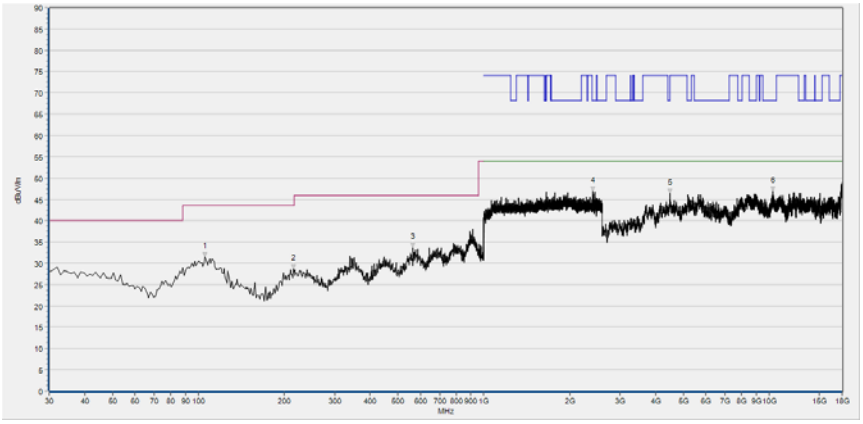


Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	30.79	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
223.030	28.19	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
342.340	31.36	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2453.333	46.62	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5726.200	46.77	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
8941.720	46.98	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

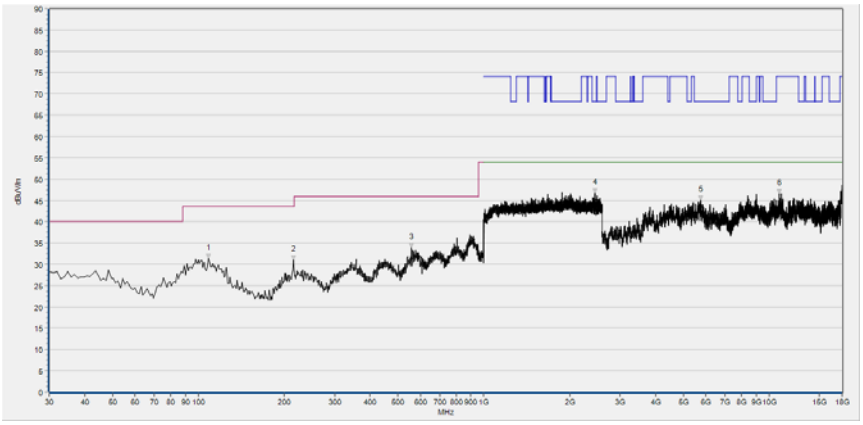
802.11ac (VHT80) Mode

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
105.660	31.48	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
215.270	28.65	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
564.470	33.71	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2411.733	47.00	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
4494.200	46.38	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10266.120	46.96	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

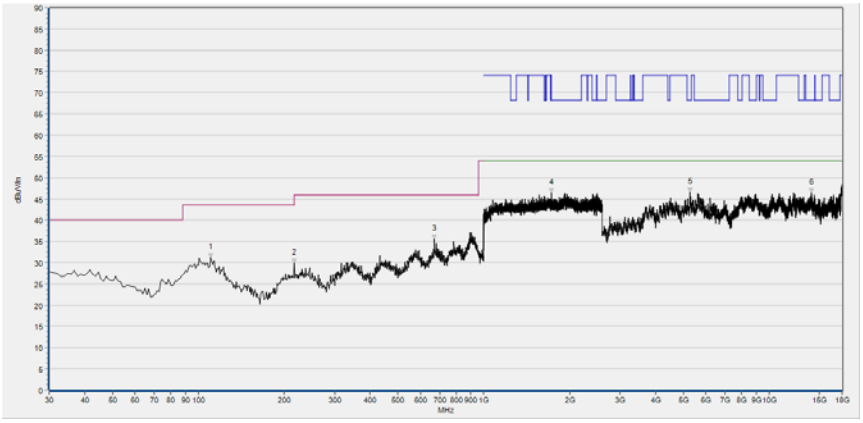
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBµV/m)	QP (dBµV/m)	AV (dBµV/m)	Limit-PK (dBµV/m)	Limit-QP (dBµV/m)	Limit-AV (dBµV/m)	Antenna	Verdict
108.570	31.33	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
215.270	30.96	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
557.680	33.86	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2457.067	46.73	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5763.160	45.04	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
10823.600	46.57	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

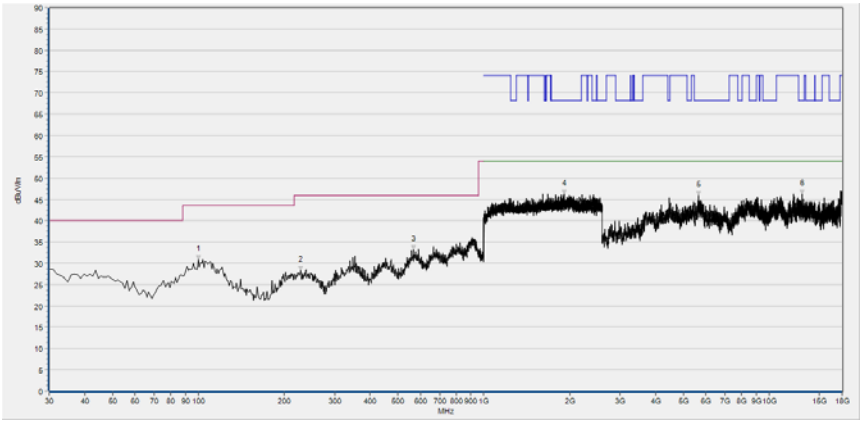
(Antenna Vertical, 30MHz to 18GHz)

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
110.510	31.10	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
216.240	29.87	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
671.170	35.48	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1729.067	46.49	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5276.520	46.63	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
14026.800	46.35	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

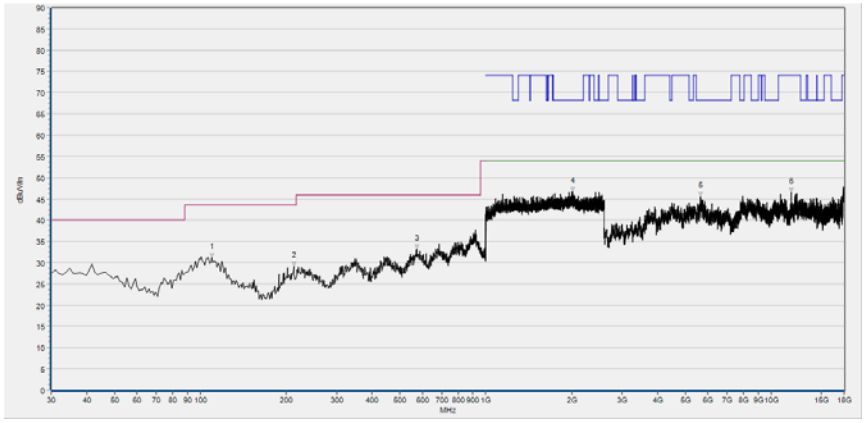
(Antenna Horizontal, 30MHz to 18GHz)



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
99.840	30.86	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
227.880	28.33	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
565.440	33.26	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1916.267	46.33	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5643.040	45.92	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13065.840	46.30	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

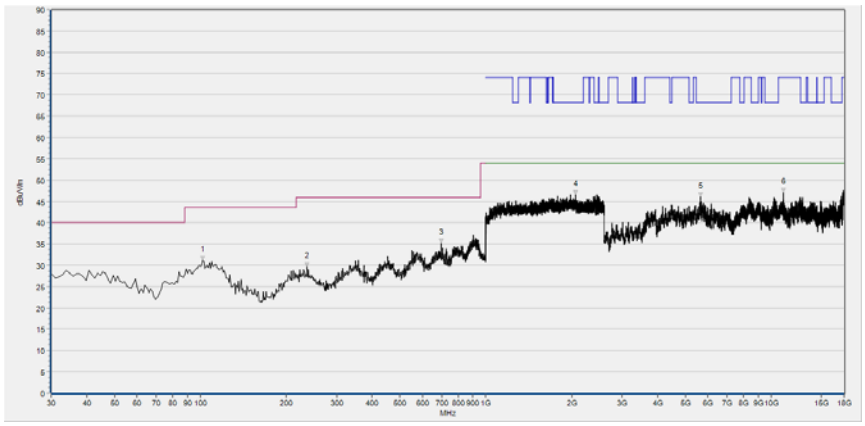
(Antenna Vertical, 30MHz to 18GHz)

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
109.540	31.20	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
212.360	29.21	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
573.200	33.17	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2012.267	46.81	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5661.520	45.51	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
11750.680	46.58	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

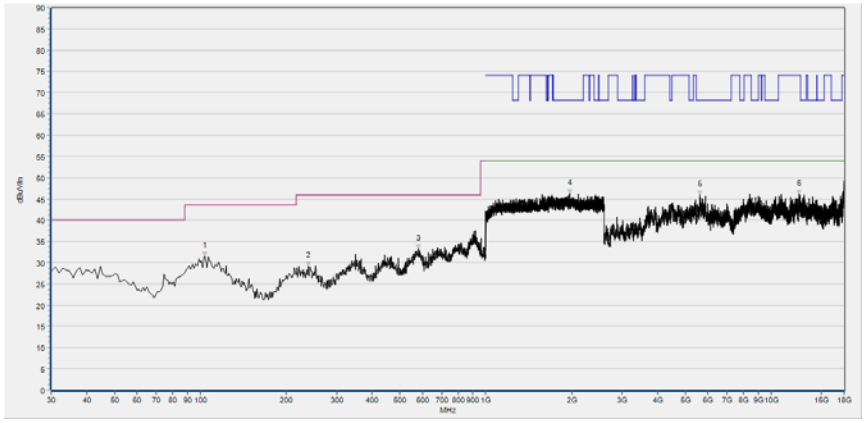
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
101.780	31.23	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
236.610	29.69	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
698.330	35.16	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2067.200	46.51	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5649.200	46.06	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11011.480	47.03	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

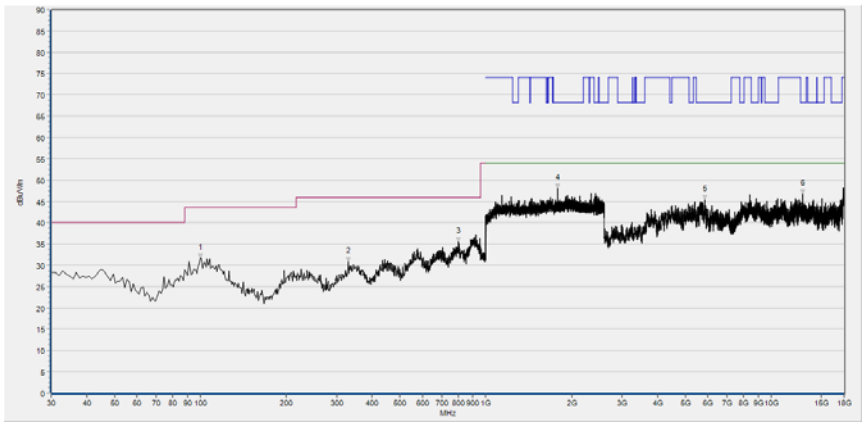
(Antenna Vertical, 30MHz to 18GHz)

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
103.720	31.58	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
238.550	29.18	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
579.990	33.13	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1964.267	46.28	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5621.480	45.95	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12529.920	46.08	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

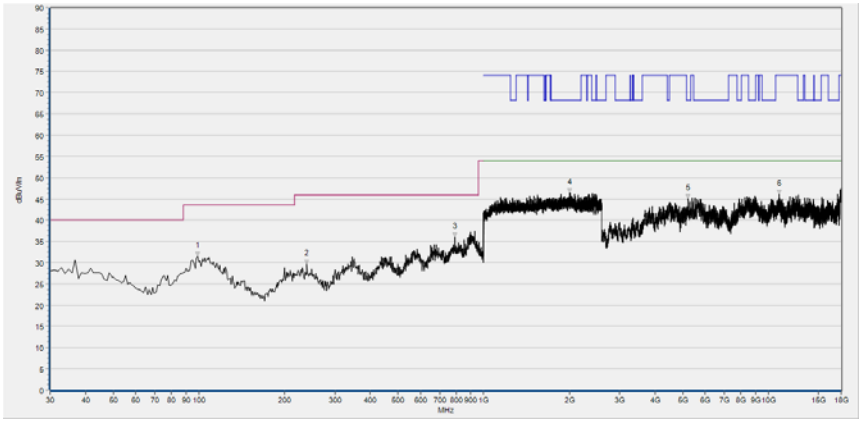
(Antenna Horizontal, 30MHz to 18GHz)



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
99.840	31.69	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
329.730	30.76	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
801.150	35.54	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1787.733	48.10	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5864.800	45.36	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
12899.520	46.84	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

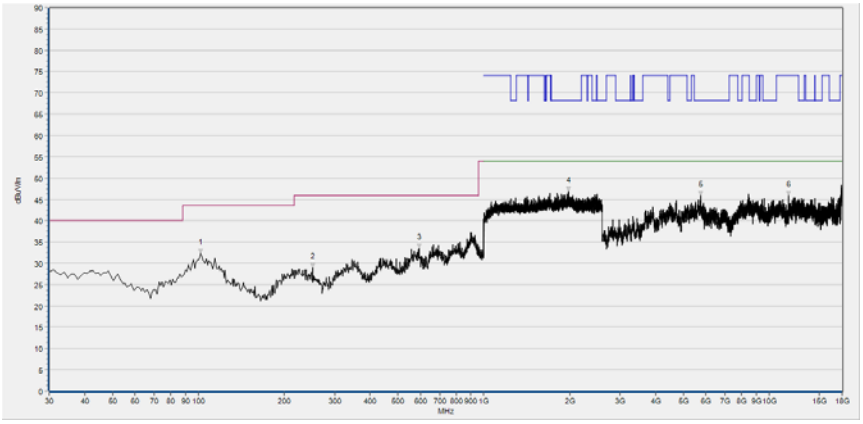
(Antenna Vertical, 30MHz to 18GHz)

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
98.870	31.54	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
239.520	29.60	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
792.420	36.09	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2006.400	46.38	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5227.240	45.12	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
10906.760	46.15	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

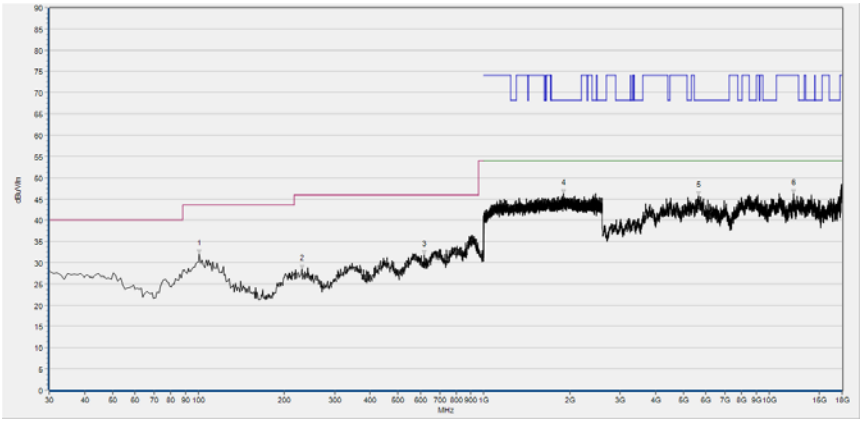
(Antenna Horizontal, 30MHz to 18GHz)



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
101.780	32.28	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
251.160	28.93	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
593.570	33.44	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1974.400	46.97	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5757.000	45.90	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11676.760	45.86	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

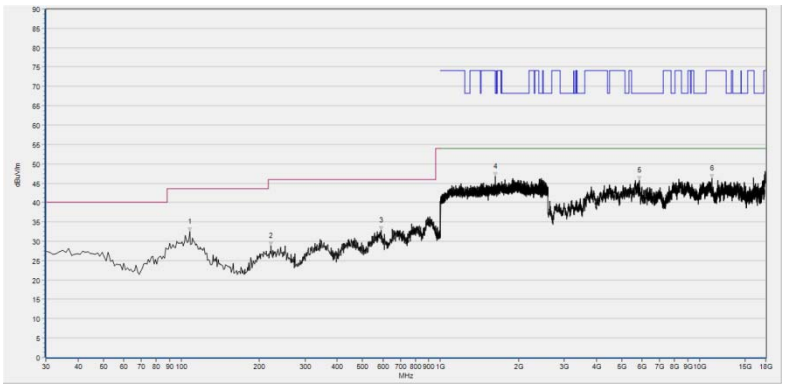
(Antenna Vertical, 30MHz to 18GHz)

Plot for Channel 155



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
100.810	32.03	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
230.790	28.50	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
618.790	31.85	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1901.867	46.19	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5649.200	45.70	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
12178.800	46.31	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	32.59	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
222.060	28.77	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
590.660	32.84	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
1625.067	46.74	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5855.560	45.68	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
11140.840	46.26	N/A	N/A	74.00	N/A	54.00	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT