

PSD NVNT ax20 5320MHz Ant1



PSD NVNT ax20 5745MHz Ant1



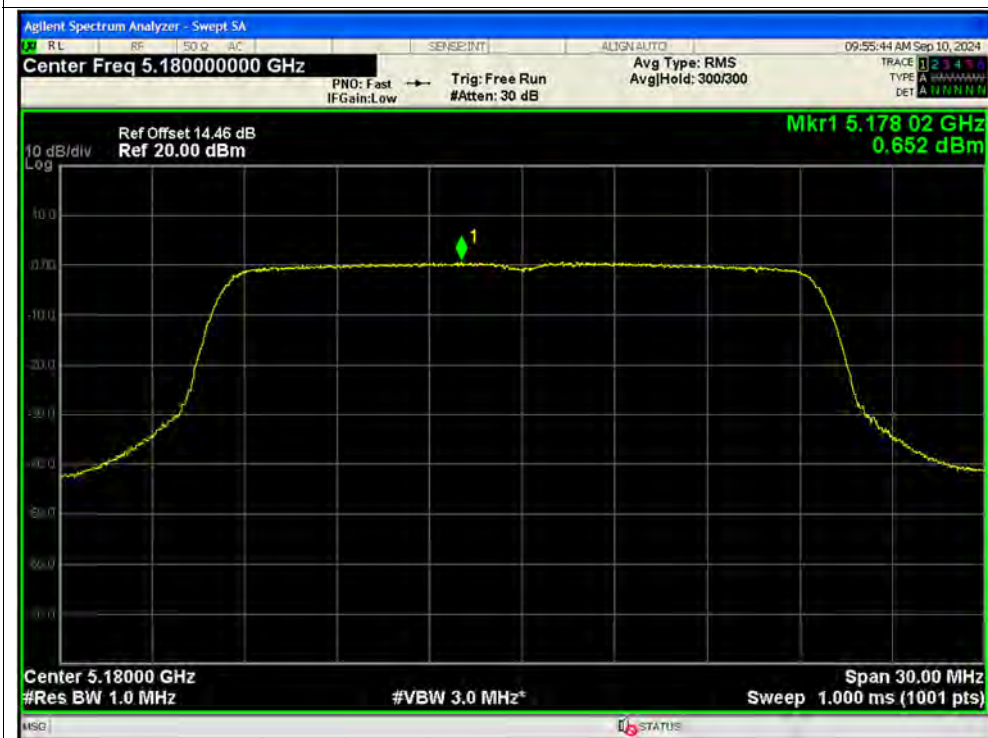
PSD NVNT ax20 5785MHz Ant1



PSD NVNT ax20 5825MHz Ant1



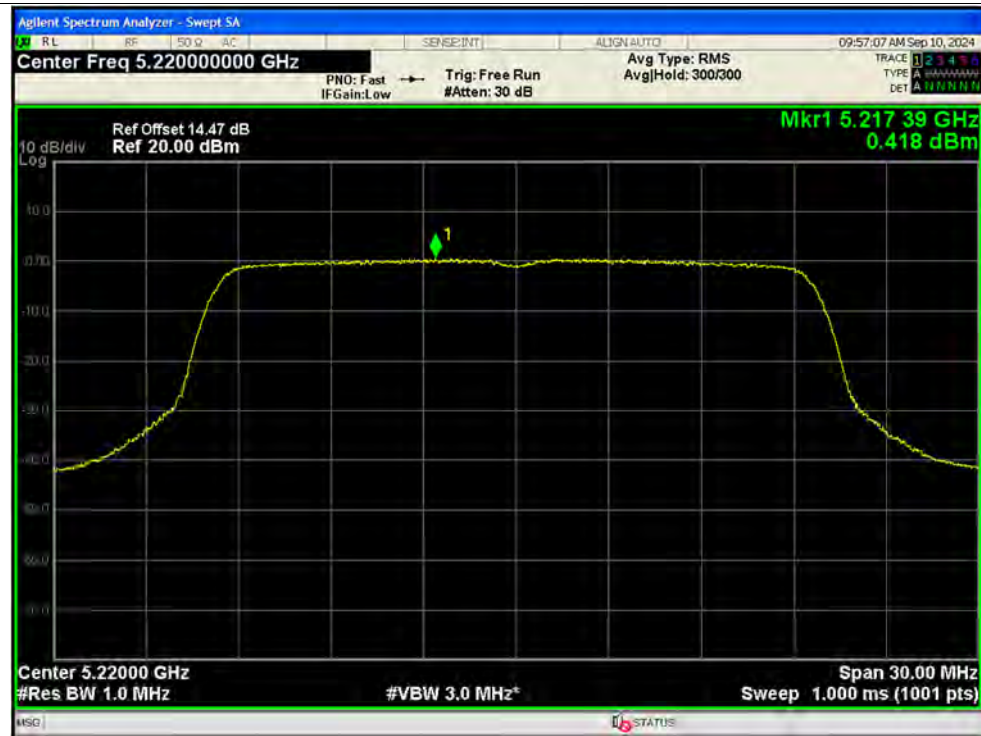
PSD NVNT ax20 5180MHz Ant0



PSD NVNT ax20 5180MHz Ant1



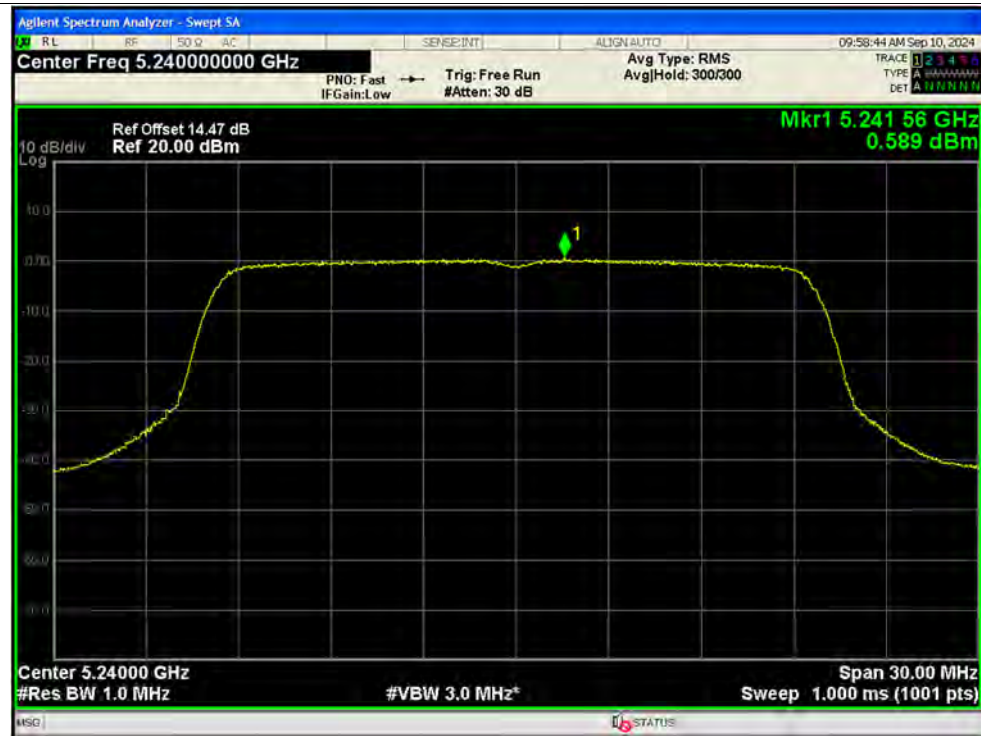
PSD NVNT ax20 5220MHz Ant0



PSD NVNT ax20 5220MHz Ant1



PSD NVNT ax20 5240MHz Ant0



PSD NVNT ax20 5240MHz Ant1



PSD NVNT ax20 5260MHz Ant0



PSD NVNT ax20 5260MHz Ant1



PSD NVNT ax20 5300MHz Ant0



PSD NVNT ax20 5300MHz Ant1



PSD NVNT ax20 5320MHz Ant0



PSD NVNT ax20 5320MHz Ant1





PSD NVNT ax20 5745MHz Ant0



PSD NVNT ax20 5745MHz Ant1





PSD NVNT ax20 5785MHz Ant0



PSD NVNT ax20 5785MHz Ant1





PSD NVNT ax20 5825MHz Ant0



PSD NVNT ax20 5825MHz Ant1

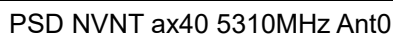


PSD NVNT ax40 5190MHz Ant0



PSD NVNT ax40 5230MHz Ant0





PSD NVNT ax40 5755MHz Ant0



PSD NVNT ax40 5795MHz Ant0



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1



PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1



PSD NVNT ax40 5190MHz Ant0



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant0



PSD NVNT ax40 5230MHz Ant1



PSD NVNT ax40 5270MHz Ant0



PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant0



PSD NVNT ax40 5310MHz Ant1



PSD NVNT ax40 5755MHz Ant0



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant0



PSD NVNT ax40 5795MHz Ant1





PSD NVNT ax80 5210MHz Ant0



PSD NVNT ax80 5290MHz Ant0



PSD NVNT ax80 5775MHz Ant0



PSD NVNT ax80 5210MHz Ant1



PSD NVNT ax80 5290MHz Ant1



PSD NVNT ax80 5775MHz Ant1



PSD NVNT ax80 5210MHz Ant0



PSD NVNT ax80 5210MHz Ant1



PSD NVNT ax80 5290MHz Ant0



PSD NVNT ax80 5290MHz Ant1



PSD NVNT ax80 5775MHz Ant0



PSD NVNT ax80 5775MHz Ant1



**A.5. Frequency Stability**

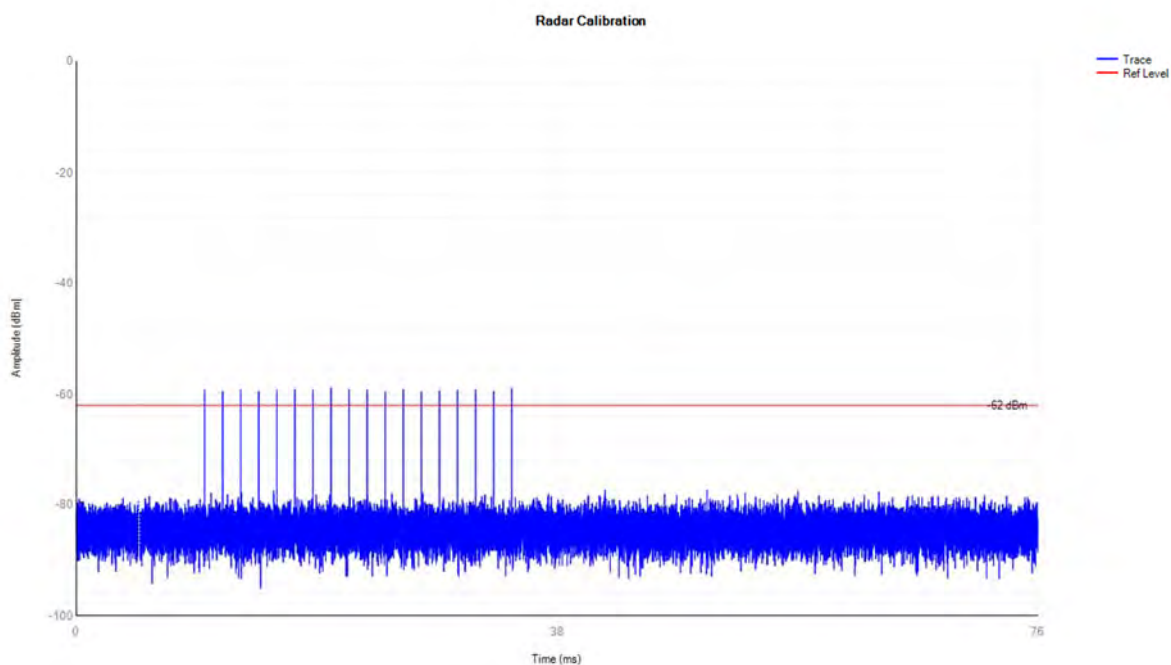
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 5V	Carrier	5180	Ant0	5180	0	0	25	Pass
20C 12V	Carrier	5180	Ant0	5180	0	0	25	Pass
0C 5V	Carrier	5180	Ant0	5180	0	0	25	Pass
10C 5V	Carrier	5180	Ant0	5180	0	0	25	Pass
30C 5V	Carrier	5180	Ant0	5180	0	0	25	Pass
40C 5V	Carrier	5180	Ant0	5180	0	0	25	Pass
20C 5V	Carrier	5260	Ant0	5260	0	0	25	Pass
20C 12V	Carrier	5260	Ant0	5260	0	0	25	Pass
0C 5V	Carrier	5260	Ant0	5260	0	0	25	Pass
10C 5V	Carrier	5260	Ant0	5260	0	0	25	Pass
30C 5V	Carrier	5260	Ant0	5260	0	0	25	Pass
40C 5V	Carrier	5260	Ant0	5260	0	0	25	Pass
20C 5V	Carrier	5745	Ant0	5745.001	1000	0.17	25	Pass
20C 12V	Carrier	5745	Ant0	5745	0	0	25	Pass
0C 5V	Carrier	5745	Ant0	5745	0	0	25	Pass
10C 5V	Carrier	5745	Ant0	5745	0	0	25	Pass
30C 5V	Carrier	5745	Ant0	5745	0	0	25	Pass
40C 5V	Carrier	5745	Ant0	5745	0	0	25	Pass

**A.6. Dynamic Frequency Selection****Detection Thresholds**

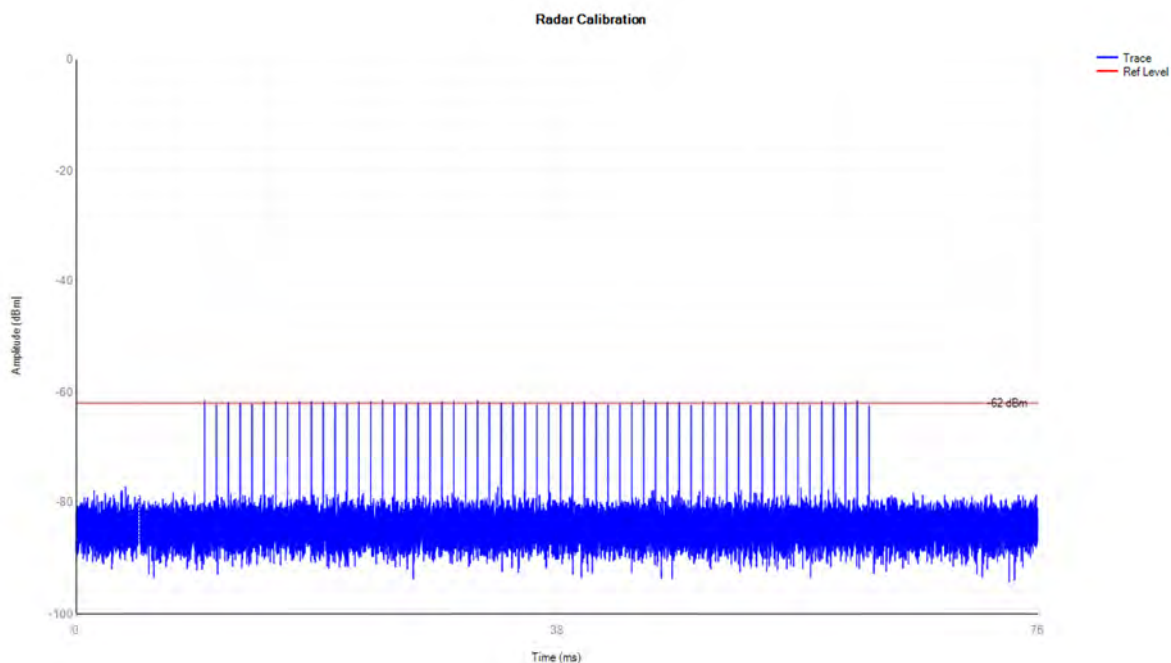
Mode	Frequency (MHz)	Type	Result	Verdict
ax20	5260	DFS_FCC_T0	See test Graph	Pass
ax20	5260	DFS_FCC_T1000	See test Graph	Pass
ax20	5260	DFS_FCC_T2000	See test Graph	Pass
ax20	5260	DFS_FCC_T3000	See test Graph	Pass
ax20	5260	DFS_FCC_T4000	See test Graph	Pass
ax20	5260	DFS_FCC_T5000	See test Graph	Pass
ax20	5260	DFS_FCC_T6000	See test Graph	Pass
ax40	5270	DFS_FCC_T0	See test Graph	Pass
ax40	5270	DFS_FCC_T1000	See test Graph	Pass
ax40	5270	DFS_FCC_T2000	See test Graph	Pass
ax40	5270	DFS_FCC_T3000	See test Graph	Pass
ax40	5270	DFS_FCC_T4000	See test Graph	Pass
ax40	5270	DFS_FCC_T5000	See test Graph	Pass
ax40	5270	DFS_FCC_T6000	See test Graph	Pass
ax80	5290	DFS_FCC_T0	See test Graph	Pass
ax80	5290	DFS_FCC_T1000	See test Graph	Pass
ax80	5290	DFS_FCC_T2000	See test Graph	Pass
ax80	5290	DFS_FCC_T3000	See test Graph	Pass
ax80	5290	DFS_FCC_T4000	See test Graph	Pass
ax80	5290	DFS_FCC_T5000	See test Graph	Pass
ax80	5290	DFS_FCC_T6000	See test Graph	Pass

Test Graphs

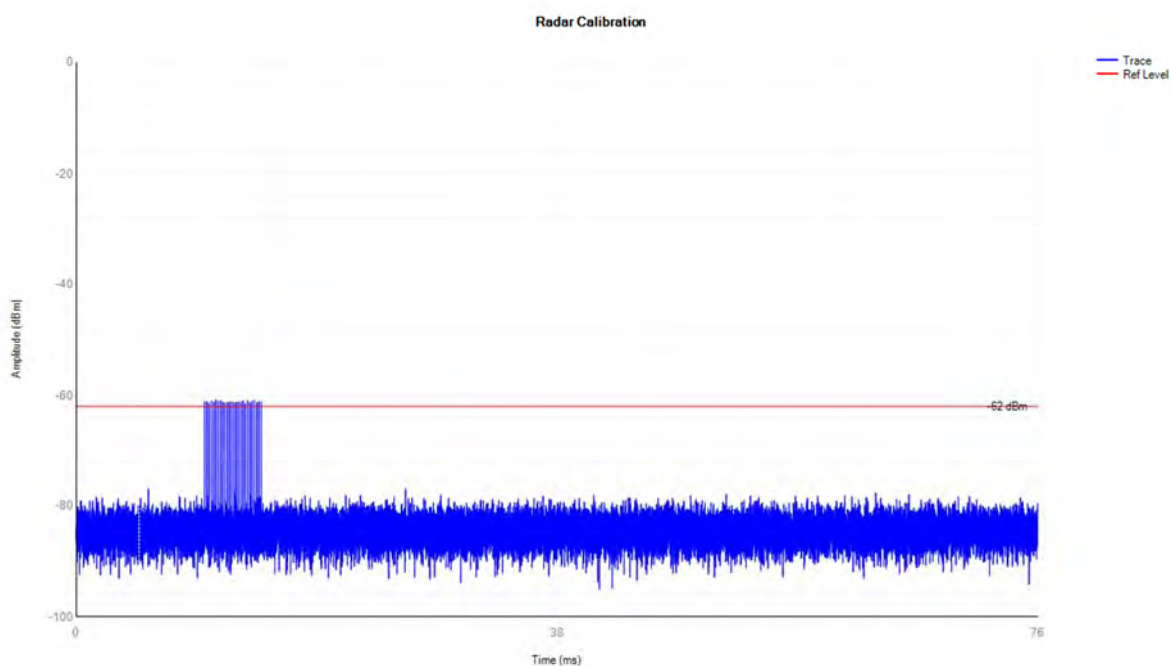
5260MHz DFS_FCC_T0



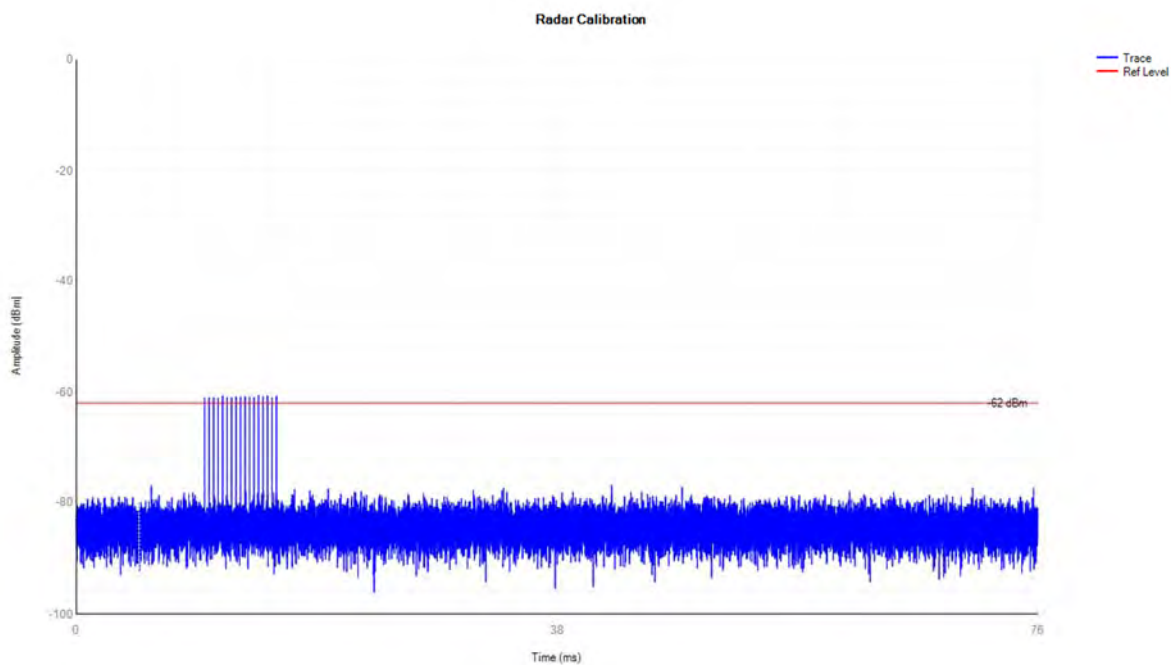
5260MHz DFS_FCC_T1000



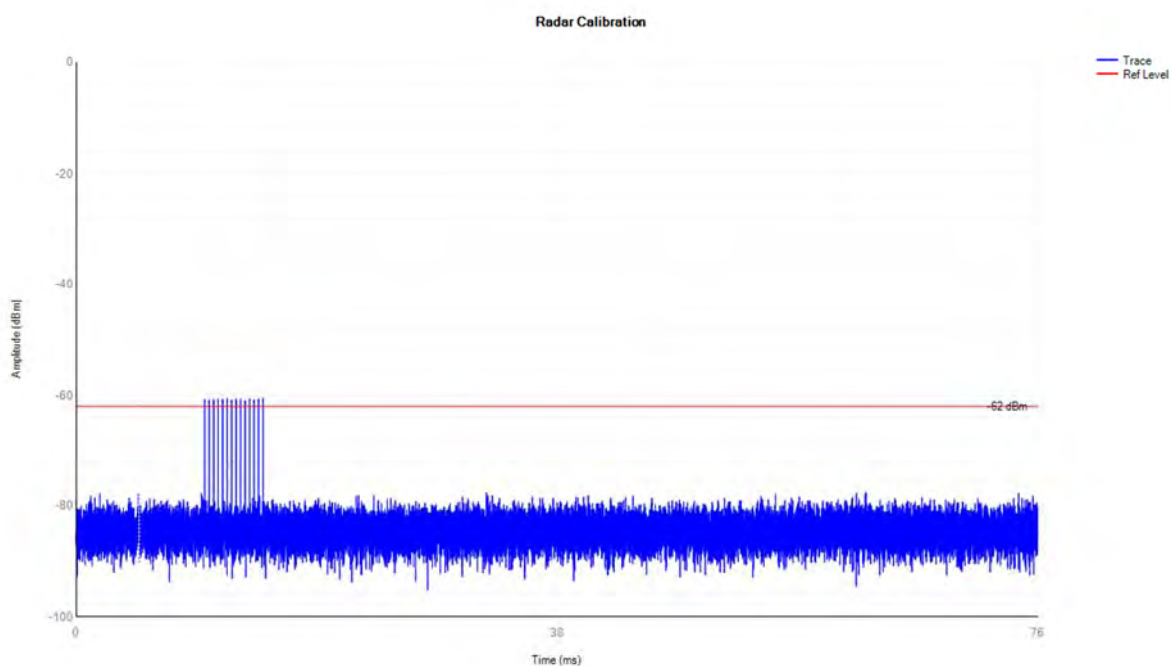
5260MHz DFS_FCC_T2000



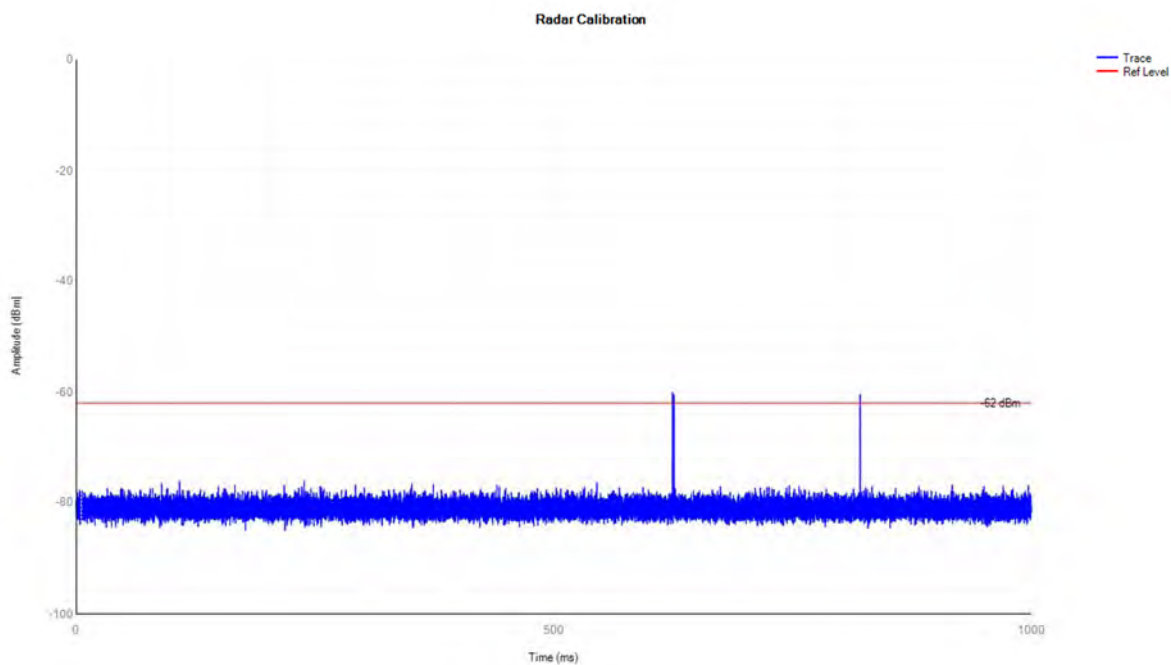
5260MHz DFS_FCC_T3000



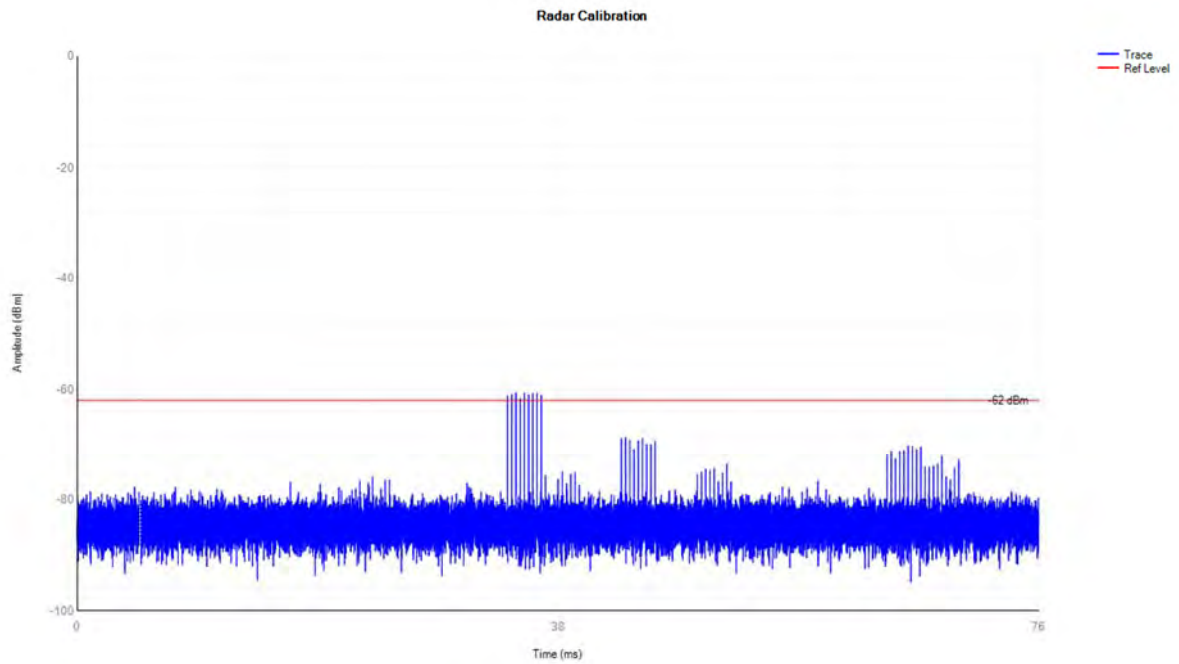
5260MHz DFS_FCC_T4000



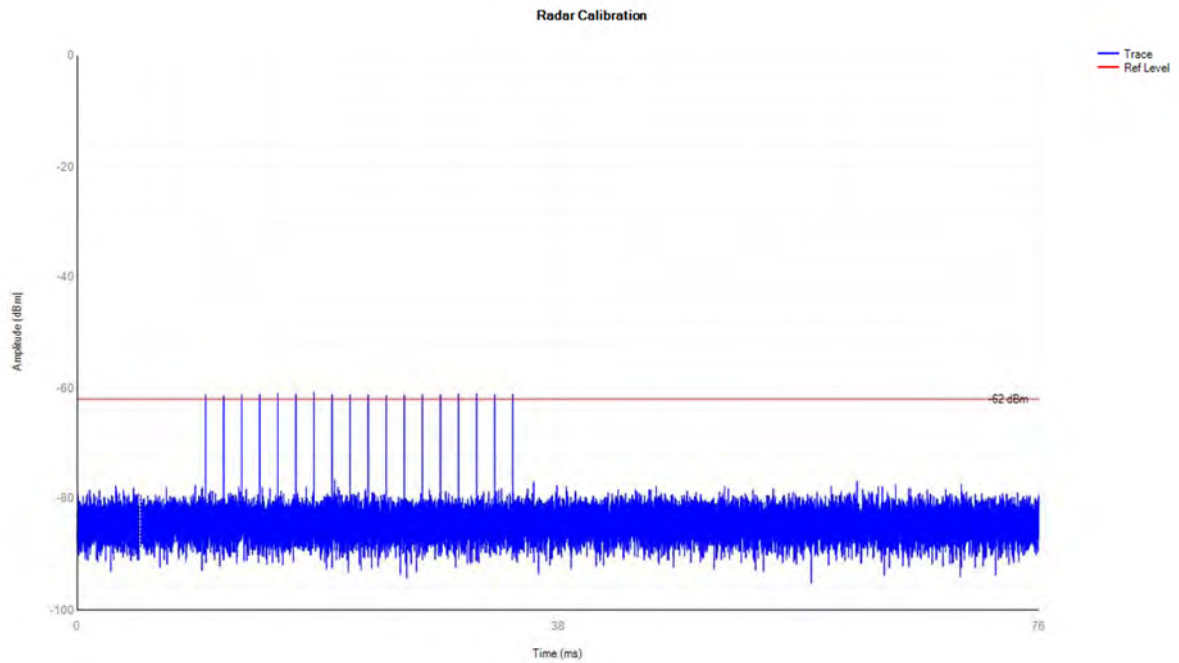
5260MHz DFS_FCC_T5000



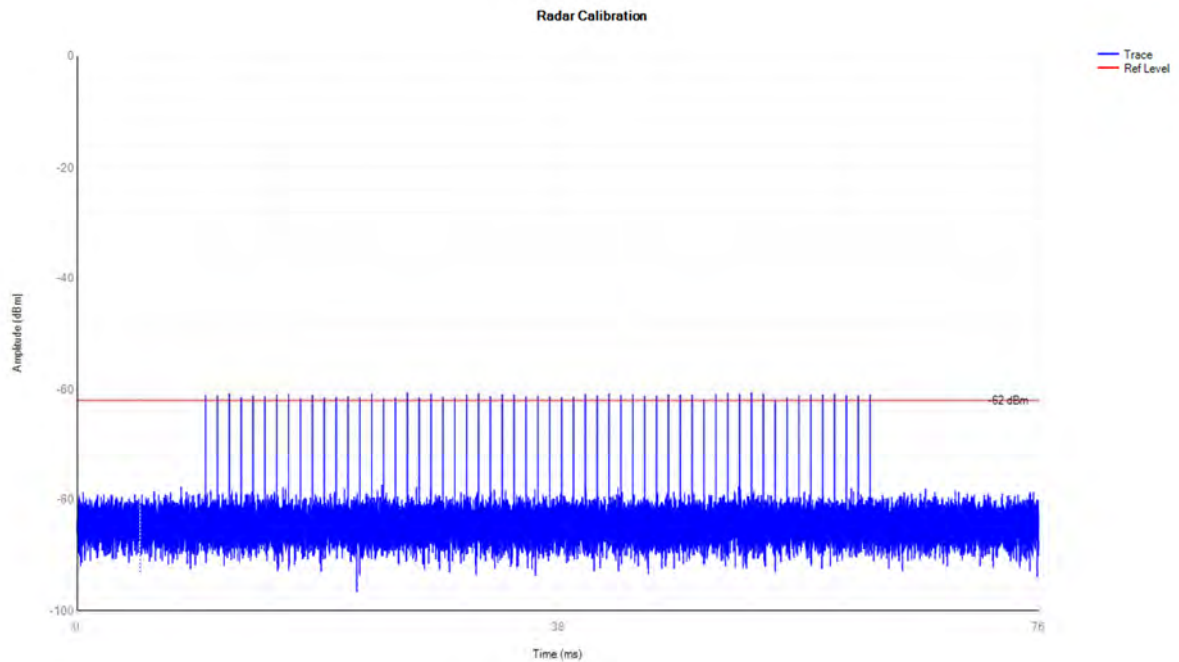
5260MHz DFS_FCC_T6000



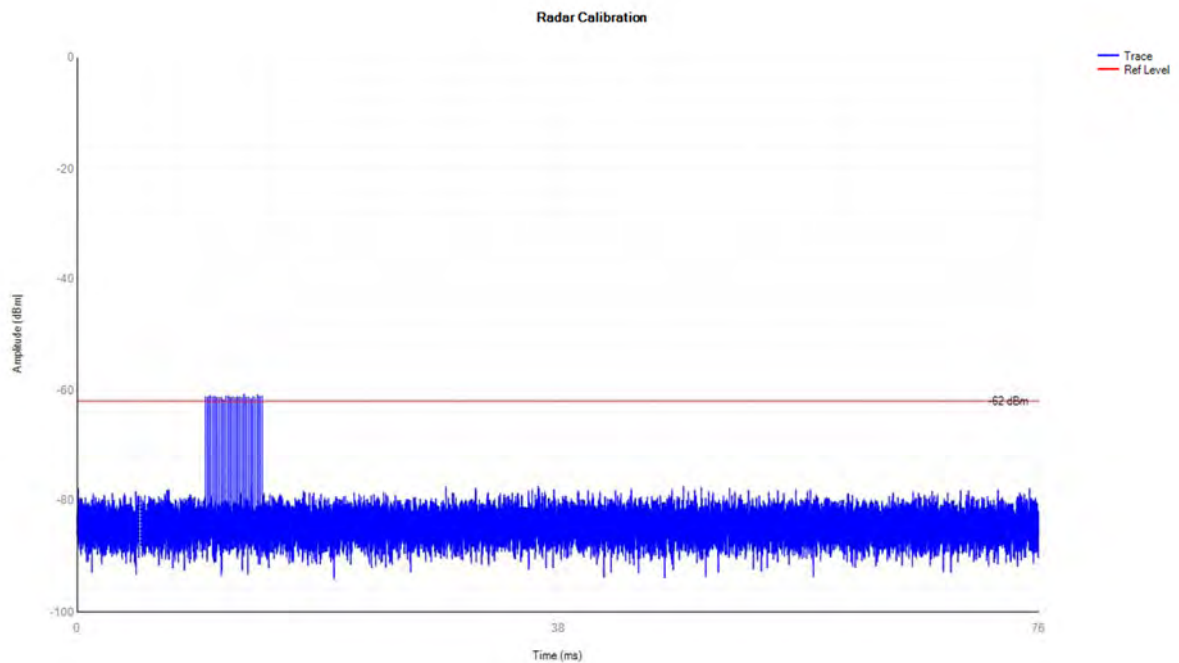
5270MHz DFS_FCC_T0



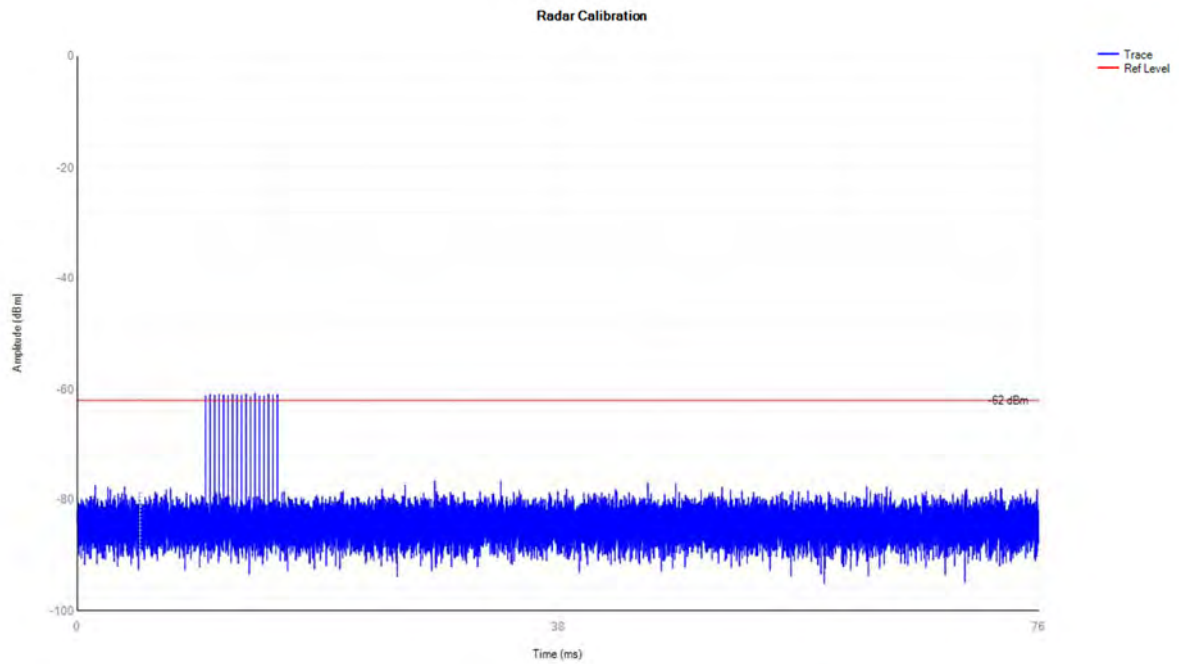
5270MHz DFS_FCC_T1000



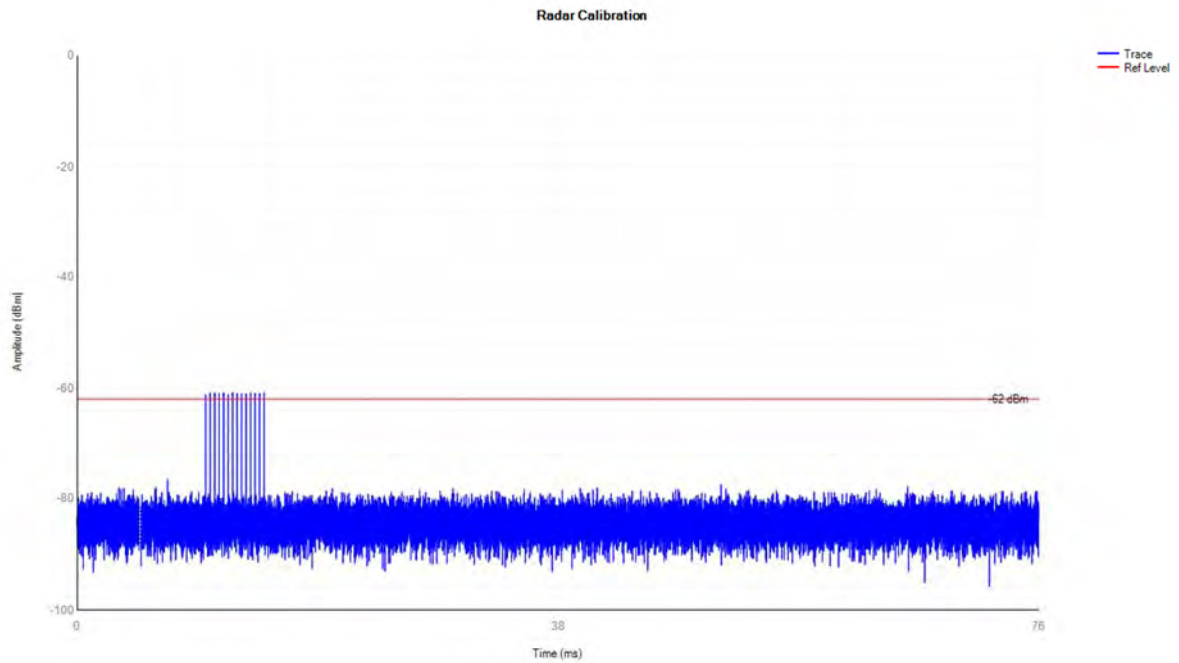
5270MHz DFS_FCC_T2000



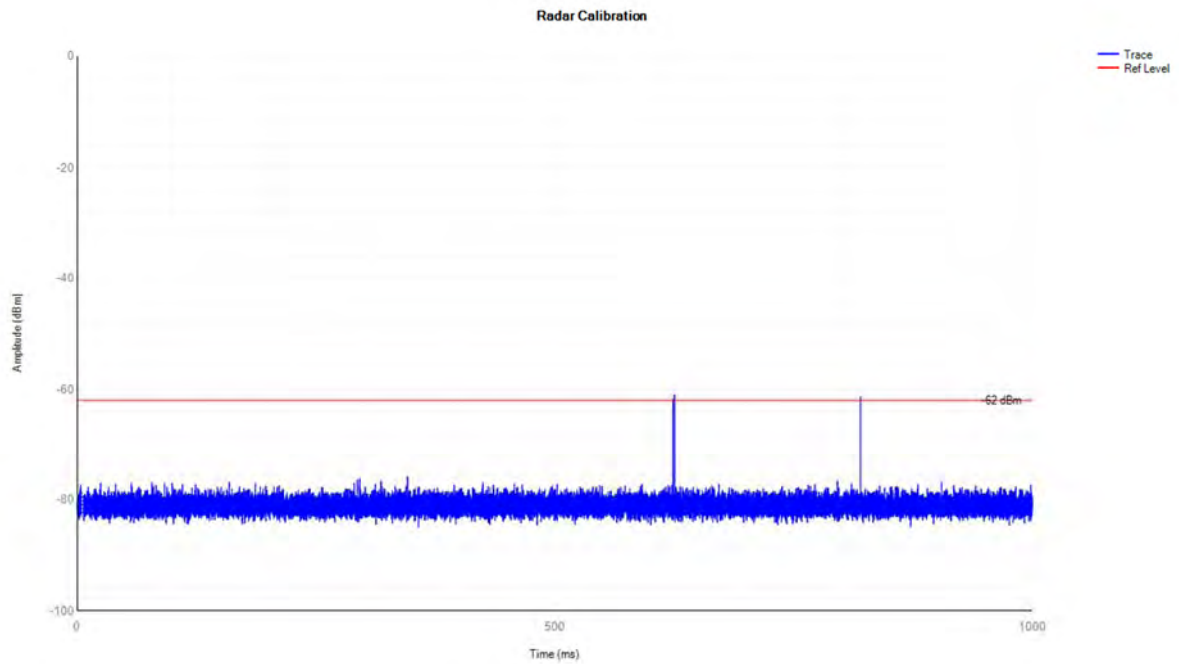
5270MHz DFS_FCC_T3000



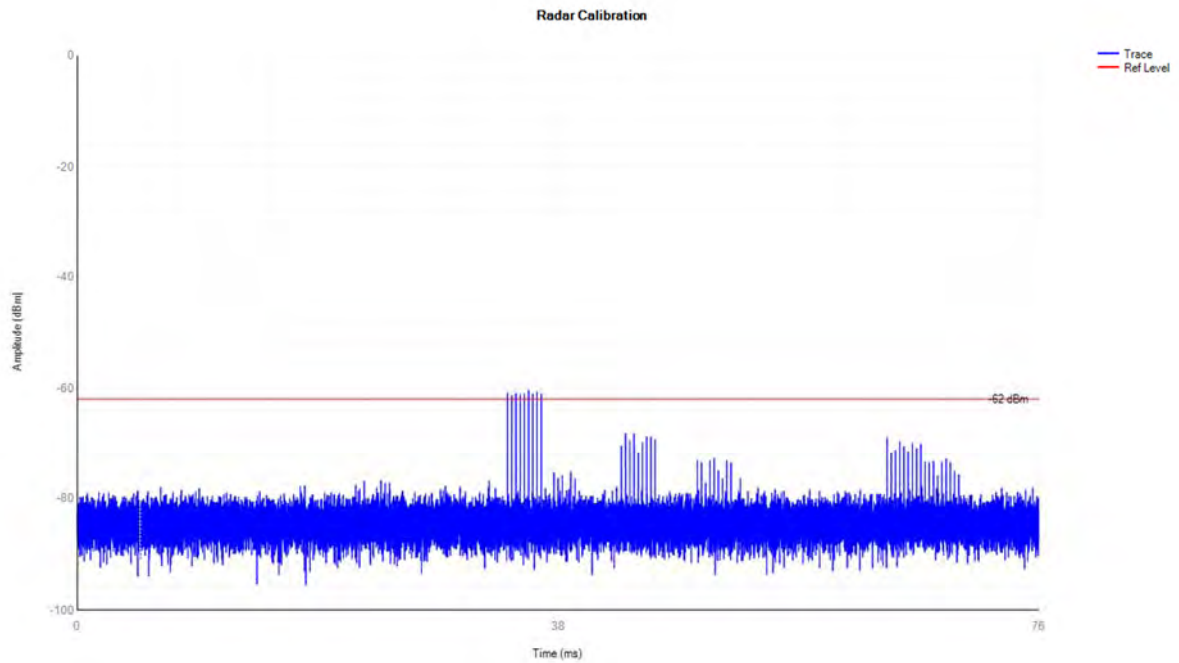
5270MHz DFS_FCC_T4000



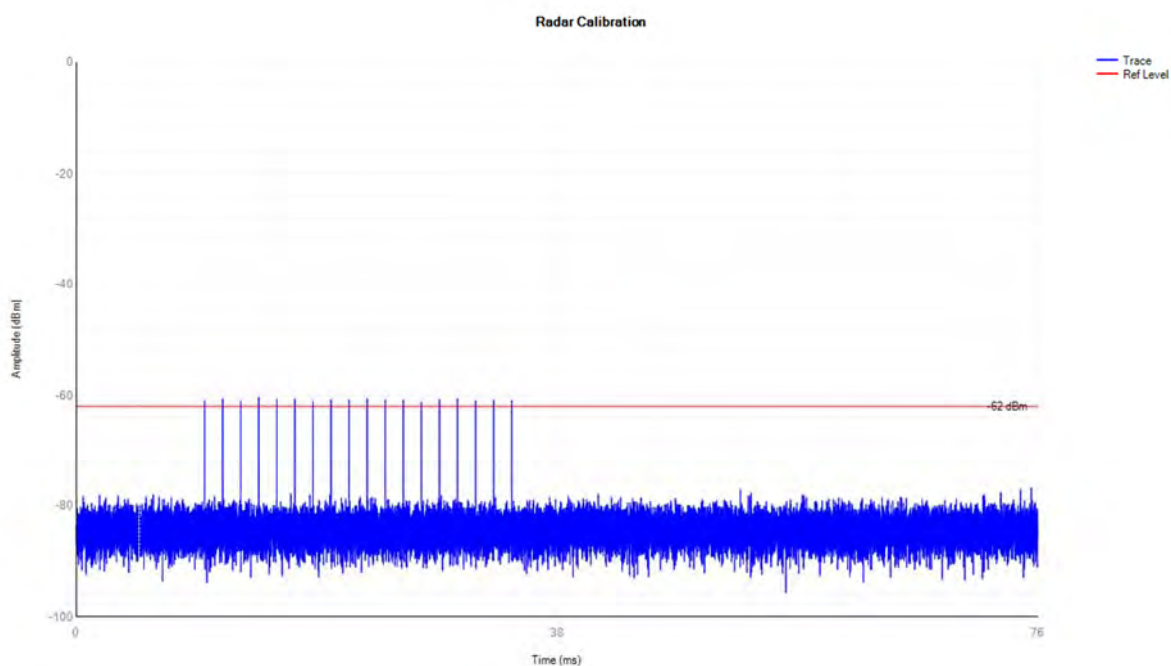
5270MHz DFS_FCC_T5000



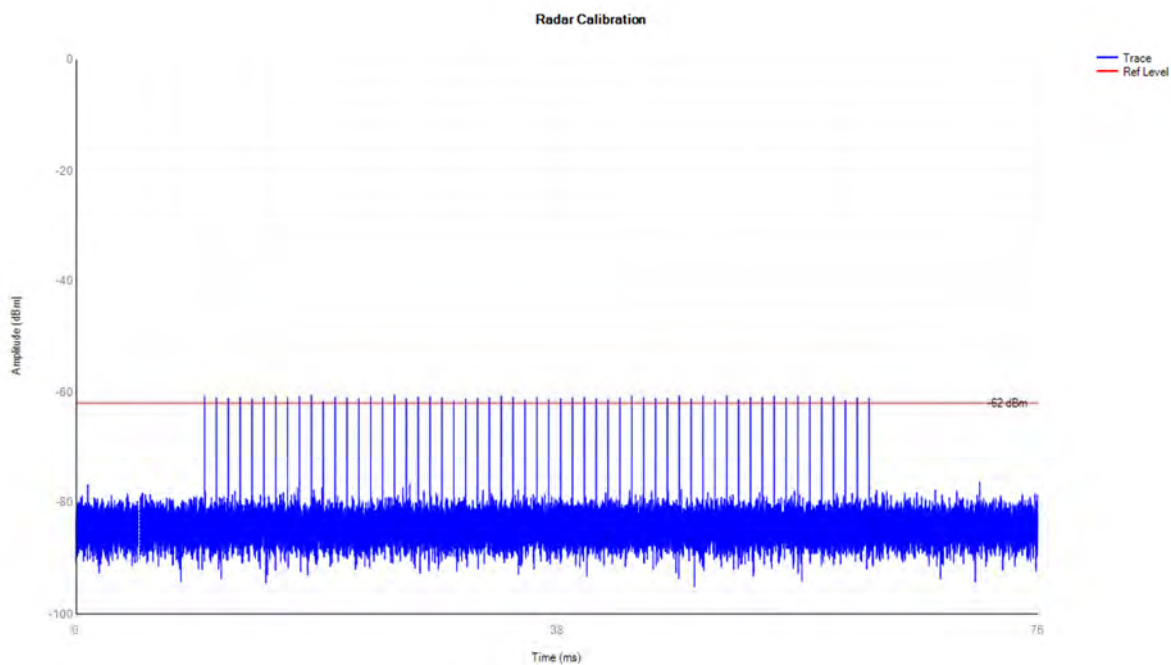
5270MHz DFS_FCC_T6000



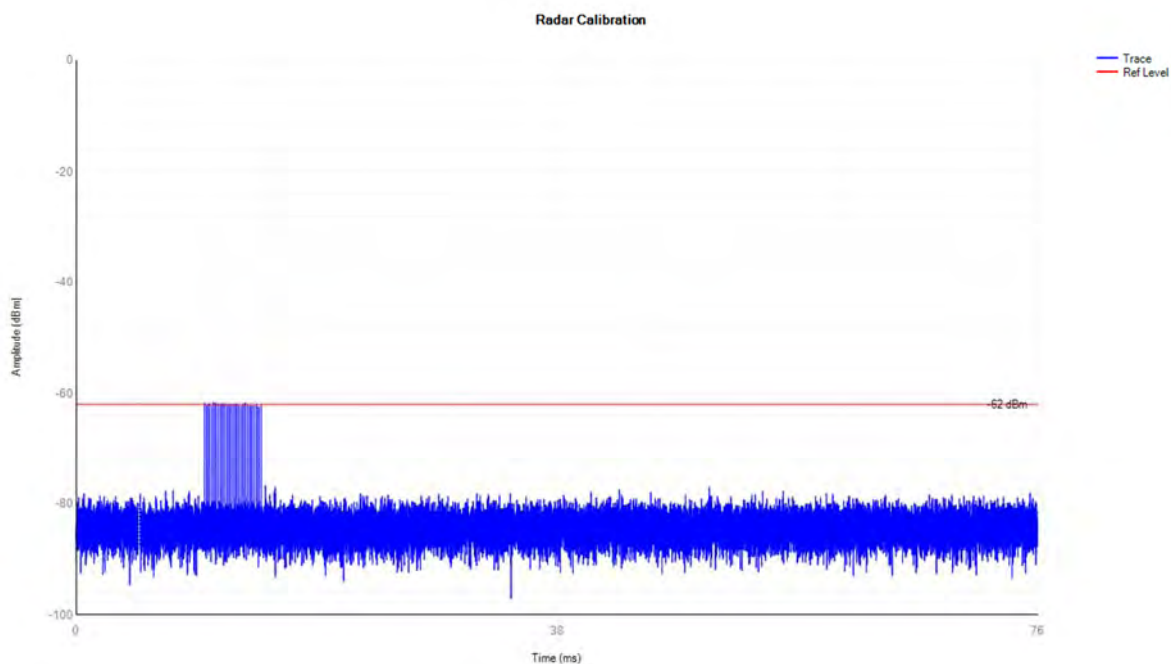
5290MHz DFS_FCC_T0



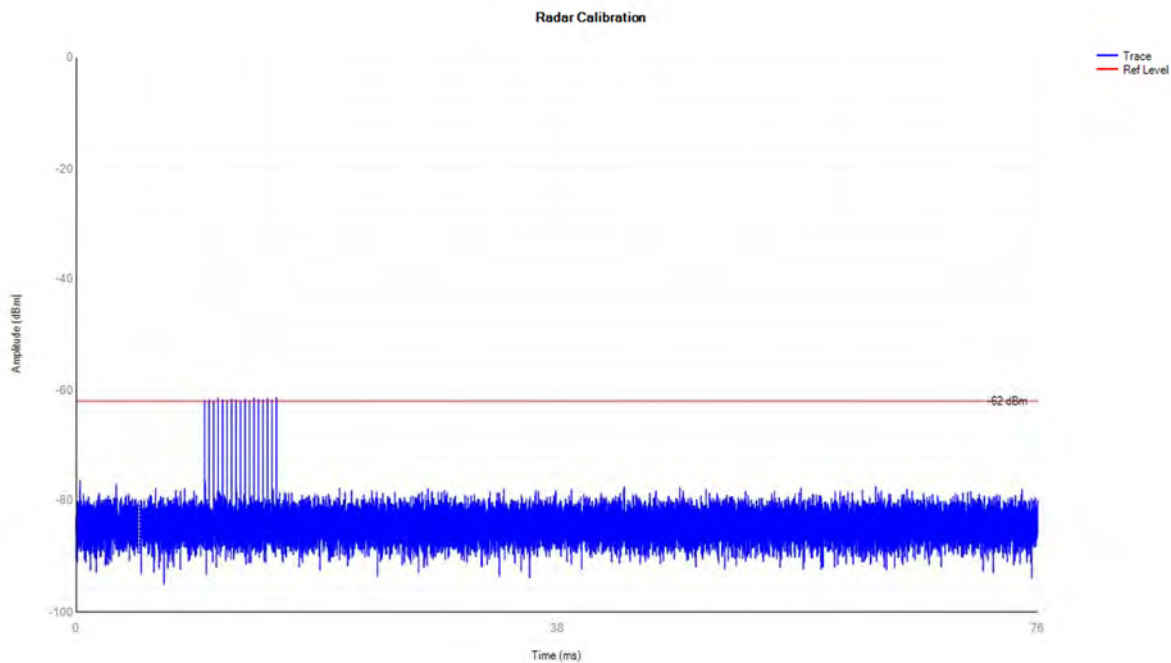
5290MHz DFS_FCC_T1000



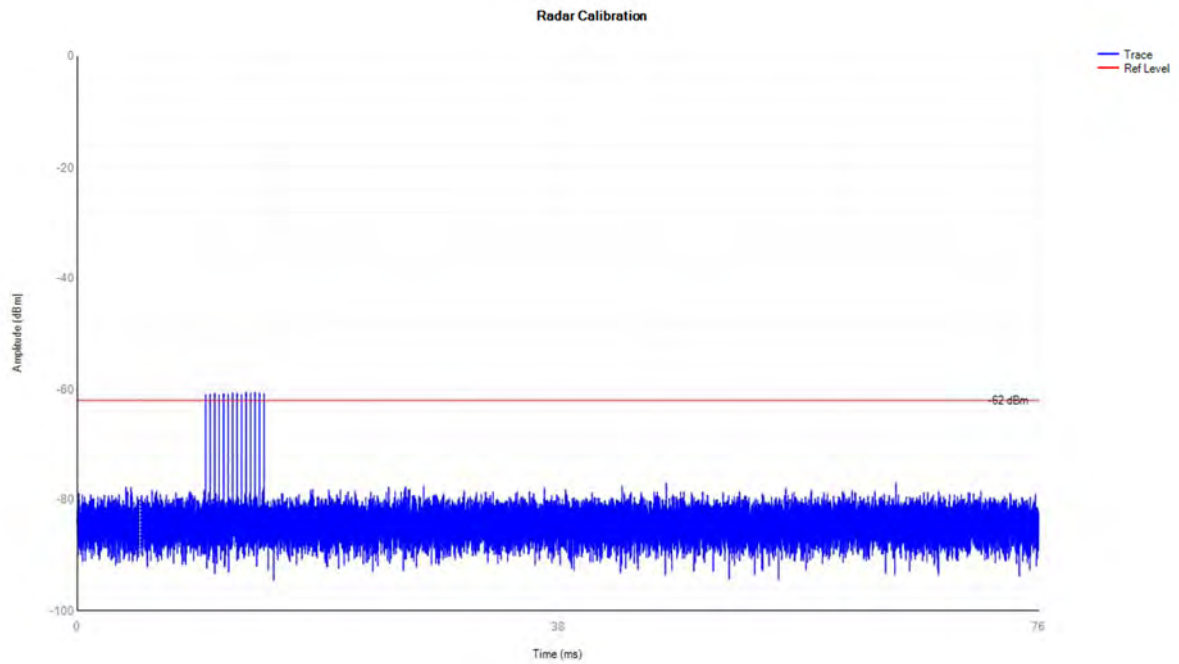
5290MHz DFS_FCC_T2000



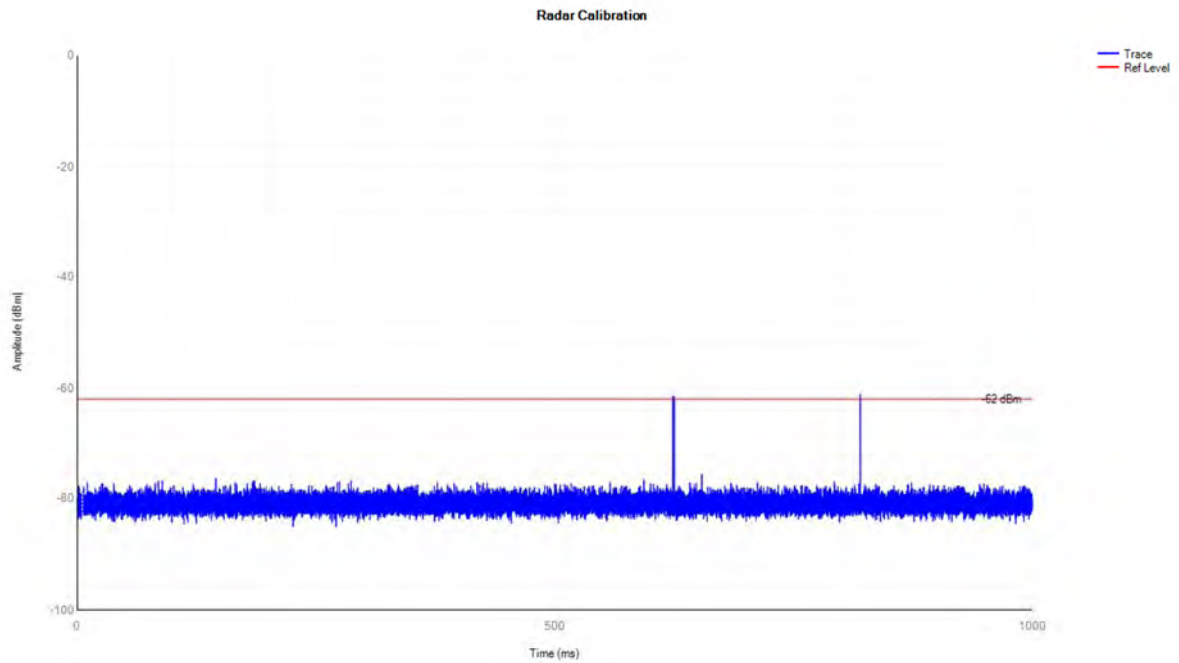
5290MHz DFS_FCC_T3000



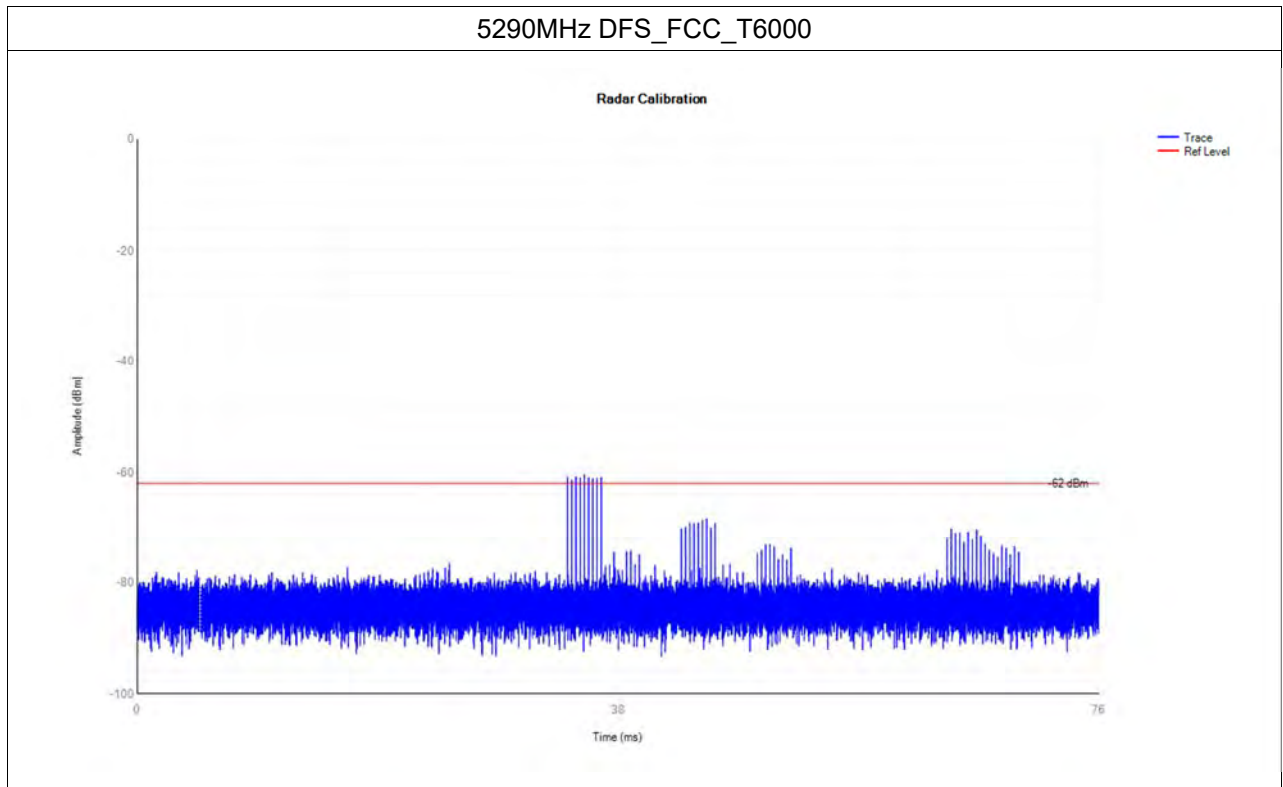
5290MHz DFS_FCC_T4000



5290MHz DFS_FCC_T5000



5290MHz DFS_FCC_T6000





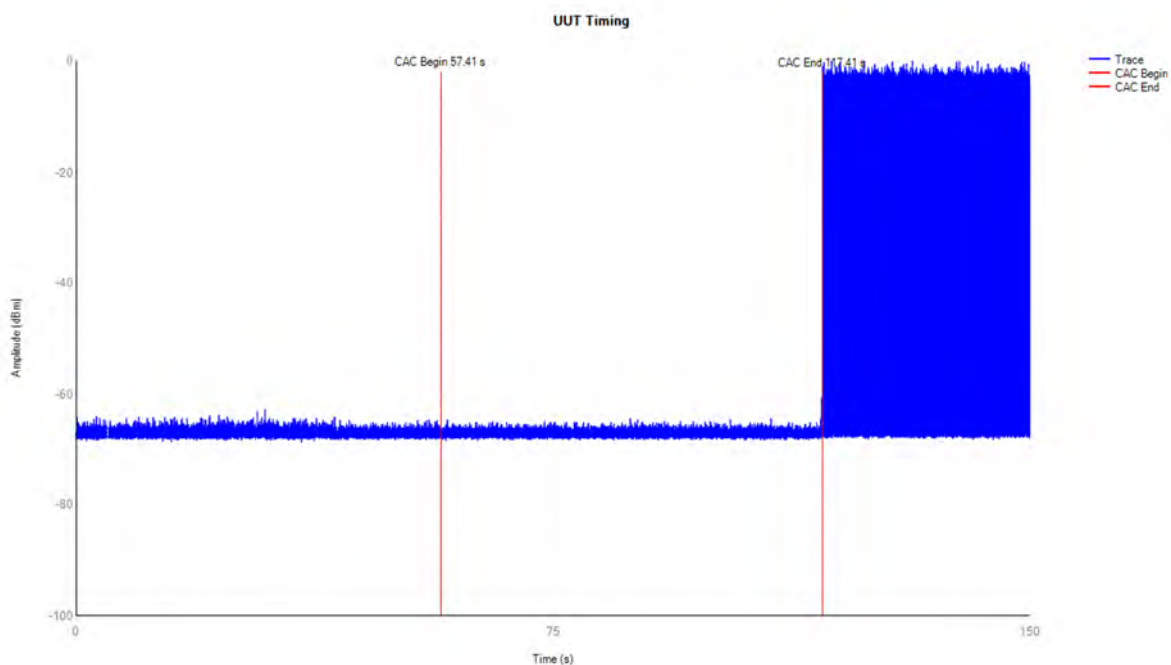
REPORT No.: SZ24080224W02

CAC Initial

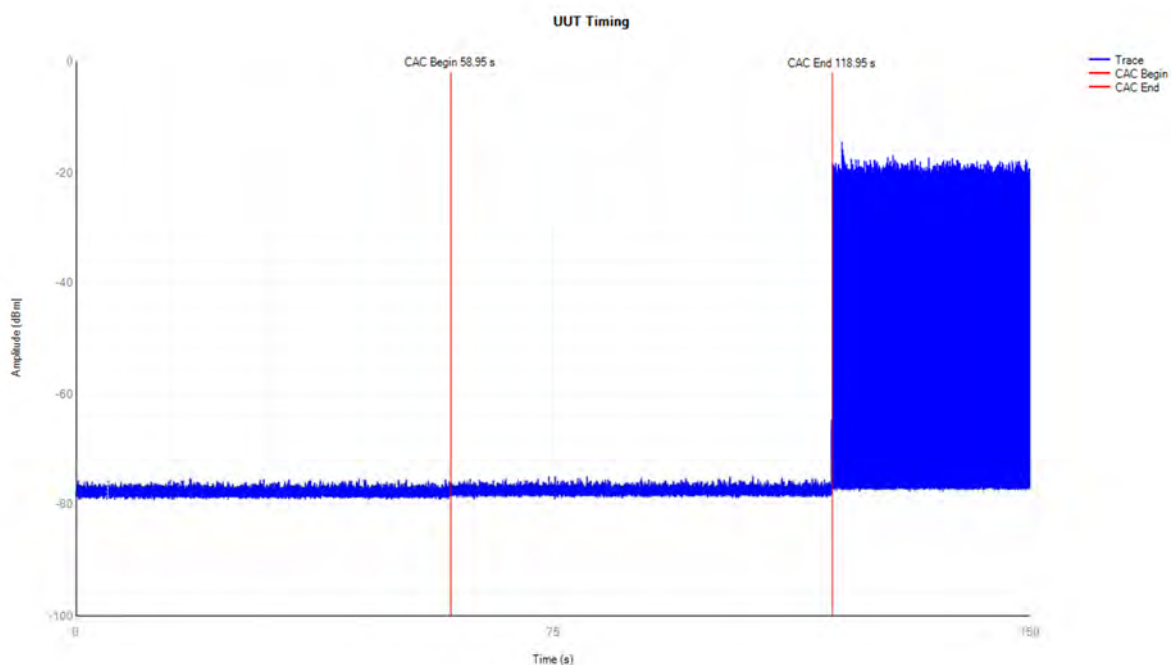
Mode	Frequency (MHz)	Result	Verdict
ax20	5260	See test Graph	Pass
ax80	5290	See test Graph	Pass

Test Graphs

ax20 5260MHz CAC Initial



ax80 5290MHz CAC Initial





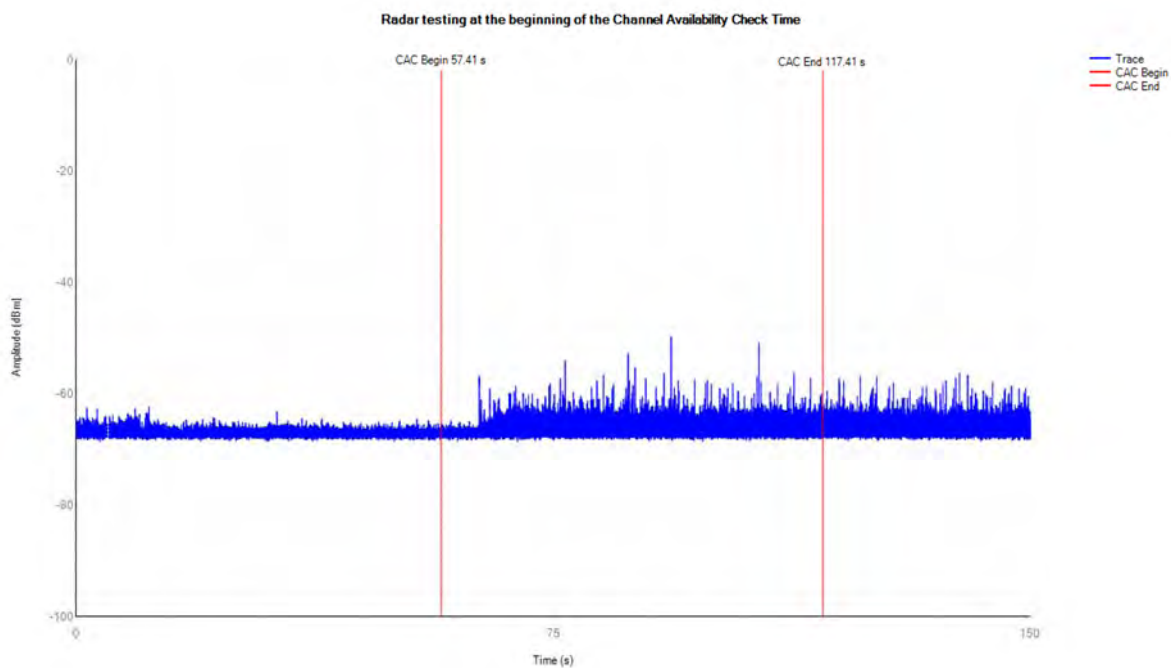
REPORT No.: SZ24080224W02

CAC Begin

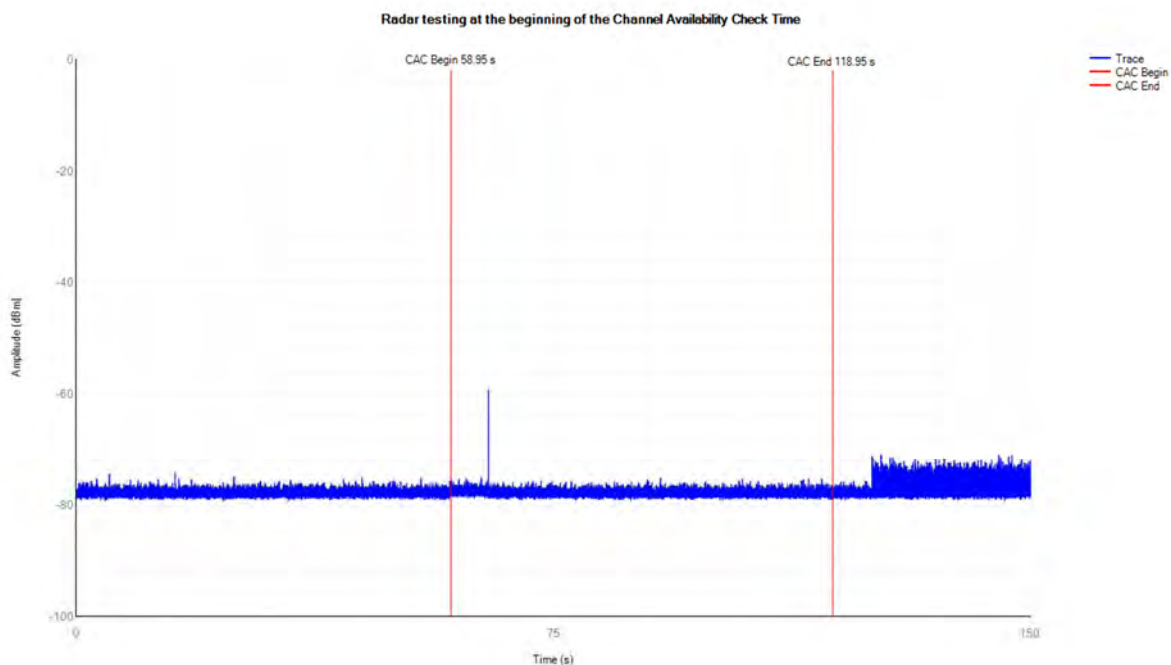
Mode	Frequency (MHz)	Result	Verdict
ax20	5260	See test Graph	Pass
ax80	5290	See test Graph	Pass

Test Graphs

ax20 5260MHz CAC Begin



ax80 5290MHz CAC Begin





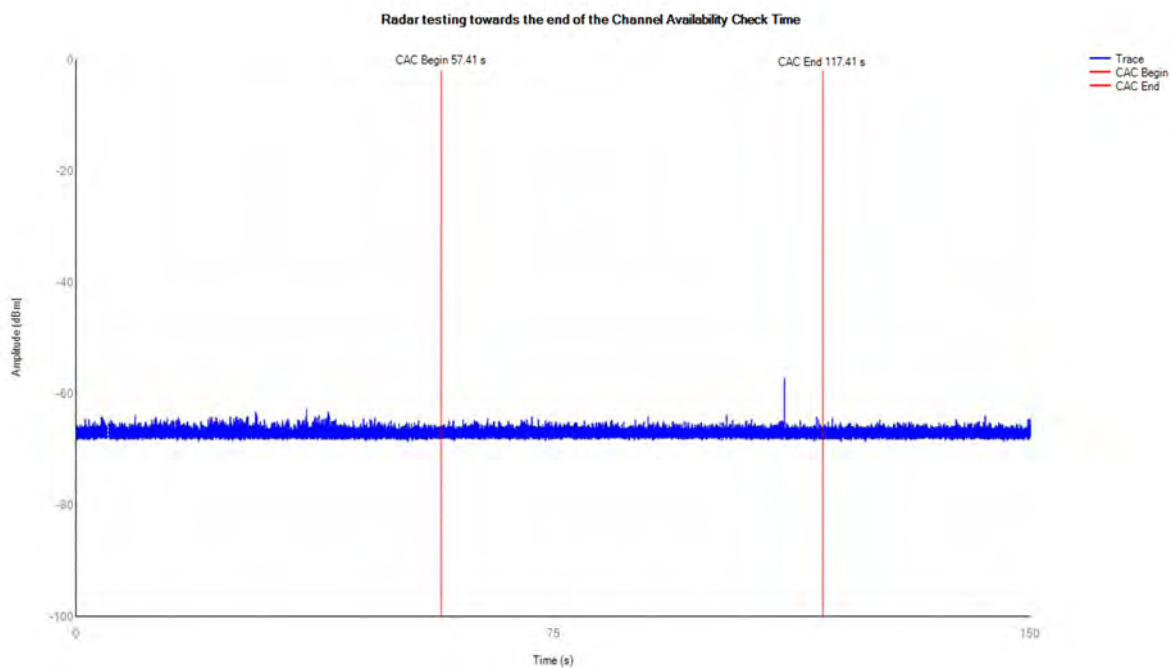
REPORT No.: SZ24080224W02

CAC End

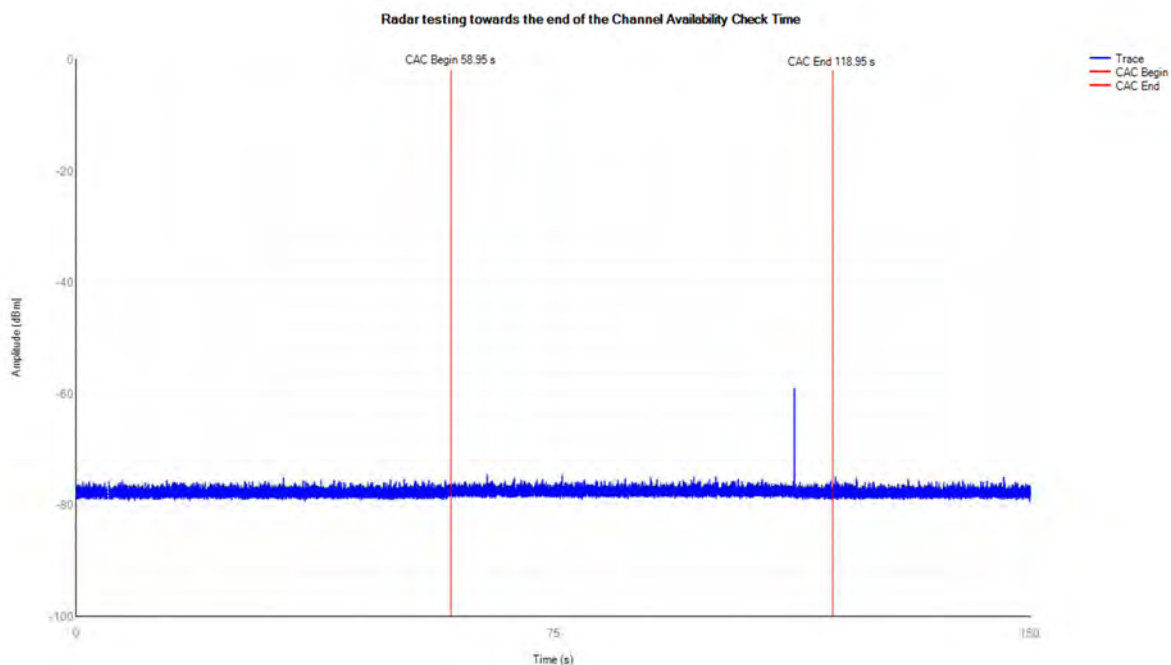
Mode	Frequency (MHz)	Result	Verdict
ax20	5260	See test Graph	Pass
ax80	5290	See test Graph	Pass

Test Graphs

ax20 5260MHz CAC End



ax80 5290MHz CAC End





Detection Bandwidth

Mode	Frequency (MHz)	Offset (MHz)	Detection Threshold (dBm)	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Verdict
ax20	5260	-10	-60.7	10	10	100.00	90	Pass
ax20	5260	-9	-60.7	10	10	100.00	90	Pass
ax20	5260	-8	-60.7	10	10	100.00	90	Pass
ax20	5260	-7	-60.7	10	10	100.00	90	Pass
ax20	5260	-6	-60.7	10	10	100.00	90	Pass
ax20	5260	-5	-60.7	10	10	100.00	90	Pass
ax20	5260	-4	-60.7	10	10	100.00	90	Pass
ax20	5260	-3	-60.7	10	10	100.00	90	Pass
ax20	5260	-2	-60.7	10	10	100.00	90	Pass
ax20	5260	-1	-60.7	10	10	100.00	90	Pass
ax20	5260	0	-60.7	10	10	100.00	90	Pass
ax20	5260	1	-60.7	10	10	100.00	90	Pass
ax20	5260	2	-60.7	10	10	100.00	90	Pass
ax20	5260	3	-60.7	10	10	100.00	90	Pass
ax20	5260	4	-60.7	10	10	100.00	90	Pass
ax20	5260	5	-60.7	10	10	100.00	90	Pass
ax20	5260	6	-60.7	10	10	100.00	90	Pass
ax20	5260	7	-60.7	10	10	100.00	90	Pass
ax20	5260	8	-60.7	10	10	100.00	90	Pass
ax20	5260	9	-60.7	10	10	100.00	90	Pass
ax20	5260	10	-60.7	10	10	100.00	90	Pass
ax40	5270	-10	-60.7	10	10	100.00	90	Pass
ax40	5270	-9	-60.7	10	10	100.00	90	Pass
ax40	5270	-8	-60.7	10	10	100.00	90	Pass
ax40	5270	-7	-60.7	10	10	100.00	90	Pass
ax40	5270	-6	-60.7	10	10	100.00	90	Pass
ax40	5270	-5	-60.7	10	10	100.00	90	Pass
ax40	5270	-4	-60.7	10	10	100.00	90	Pass
ax40	5270	-3	-60.7	10	10	100.00	90	Pass
ax40	5270	-2	-60.7	10	10	100.00	90	Pass
ax40	5270	-1	-60.7	10	10	100.00	90	Pass
ax40	5270	0	-60.7	10	10	100.00	90	Pass
ax40	5270	1	-60.7	10	10	100.00	90	Pass
ax40	5270	2	-60.7	10	10	100.00	90	Pass



REPORT No.: SZ24080224W02

ax40	5270	3	-60.7	10	10	100.00	90	Pass
ax40	5270	4	-60.7	10	10	100.00	90	Pass
ax40	5270	5	-60.7	10	10	100.00	90	Pass
ax40	5270	6	-60.7	10	10	100.00	90	Pass
ax40	5270	7	-60.7	10	10	100.00	90	Pass
ax40	5270	8	-60.7	10	10	100.00	90	Pass
ax40	5270	9	-60.7	10	10	100.00	90	Pass
ax40	5270	10	-60.7	10	10	100.00	90	Pass
ax80	5290	-10	-60.7	10	10	100.00	90	Pass
ax80	5290	-9	-60.7	10	10	100.00	90	Pass
ax80	5290	-8	-60.7	10	10	100.00	90	Pass
ax80	5290	-7	-60.7	10	10	100.00	90	Pass
ax80	5290	-6	-60.7	10	10	100.00	90	Pass
ax80	5290	-5	-60.7	10	10	100.00	90	Pass
ax80	5290	-4	-60.7	10	10	100.00	90	Pass
ax80	5290	-3	-60.7	10	10	100.00	90	Pass
ax80	5290	-2	-60.7	10	10	100.00	90	Pass
ax80	5290	-1	-60.7	10	10	100.00	90	Pass
ax80	5290	0	-60.7	10	10	100.00	90	Pass
ax80	5290	1	-60.7	10	10	100.00	90	Pass
ax80	5290	2	-60.7	10	10	100.00	90	Pass
ax80	5290	3	-60.7	10	10	100.00	90	Pass
ax80	5290	4	-60.7	10	10	100.00	90	Pass
ax80	5290	5	-60.7	10	10	100.00	90	Pass
ax80	5290	6	-60.7	10	10	100.00	90	Pass
ax80	5290	7	-60.7	10	10	100.00	90	Pass
ax80	5290	8	-60.7	10	10	100.00	90	Pass
ax80	5290	9	-60.7	10	10	100.00	90	Pass
ax80	5290	10	-60.7	10	10	100.00	90	Pass



In-Service Monitoring

Mode	Frequency (MHz)	Radar Type	Detection Threshold (dBm)	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Verdict
ax20	5260	Type1	-60.7	30	30	100.00	60	Pass
ax20	5260	Type2	-60.7	30	30	100.00	60	Pass
ax20	5260	Type3	-60.7	30	30	100.00	60	Pass
ax20	5260	Type4	-60.7	30	30	100.00	60	Pass
ax20	5260	Type5	-60.7	30	30	100.00	80	Pass
ax20	5260	Type6	-60.7	30	30	100.00	70	Pass
ax40	5270	Type1	-60.7	30	29	96.67	60	Pass
ax40	5270	Type2	-60.7	30	30	100.00	60	Pass
ax40	5270	Type3	-60.7	30	30	100.00	60	Pass
ax40	5270	Type4	-60.7	30	30	100.00	60	Pass
ax40	5270	Type5	-60.7	30	30	100.00	80	Pass
ax40	5270	Type6	-60.7	30	30	100.00	70	Pass
ax80	5290	Type1	-60.7	30	30	100.00	60	Pass
ax80	5290	Type2	-60.7	30	30	100.00	60	Pass
ax80	5290	Type3	-60.7	30	30	100.00	60	Pass
ax80	5290	Type4	-60.7	30	30	100.00	60	Pass
ax80	5290	Type5	-60.7	30	30	100.00	80	Pass
ax80	5290	Type6	-60.7	30	30	100.00	70	Pass



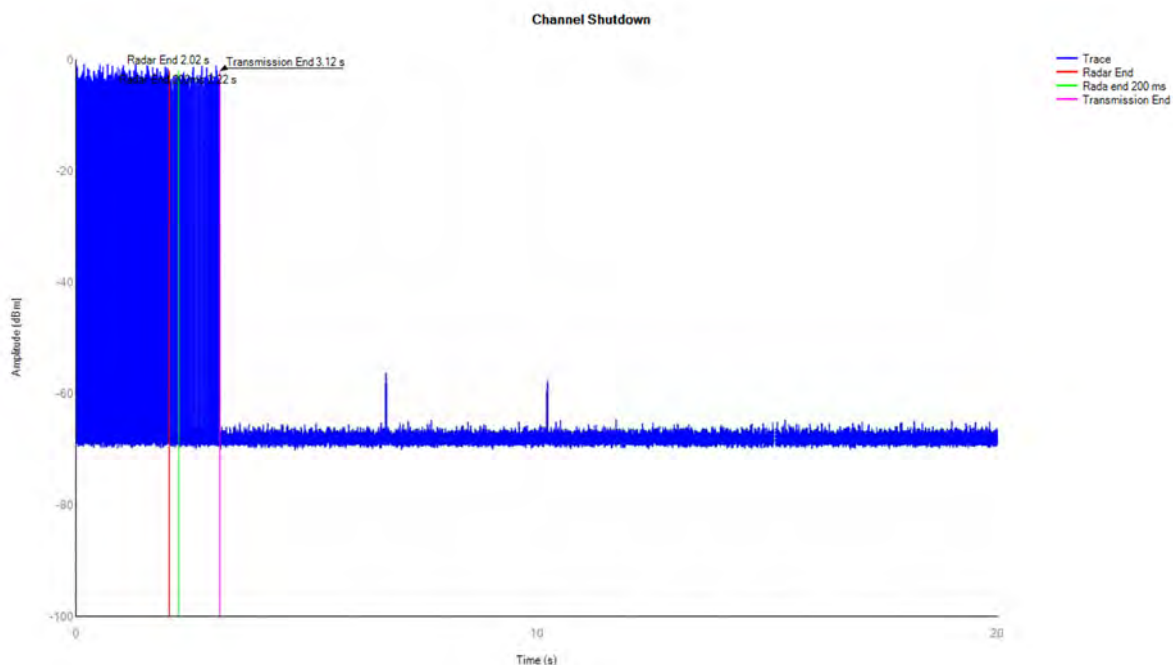
REPORT No.: SZ24080224W02

Channel Move Time and Channel Closing Transmission Time

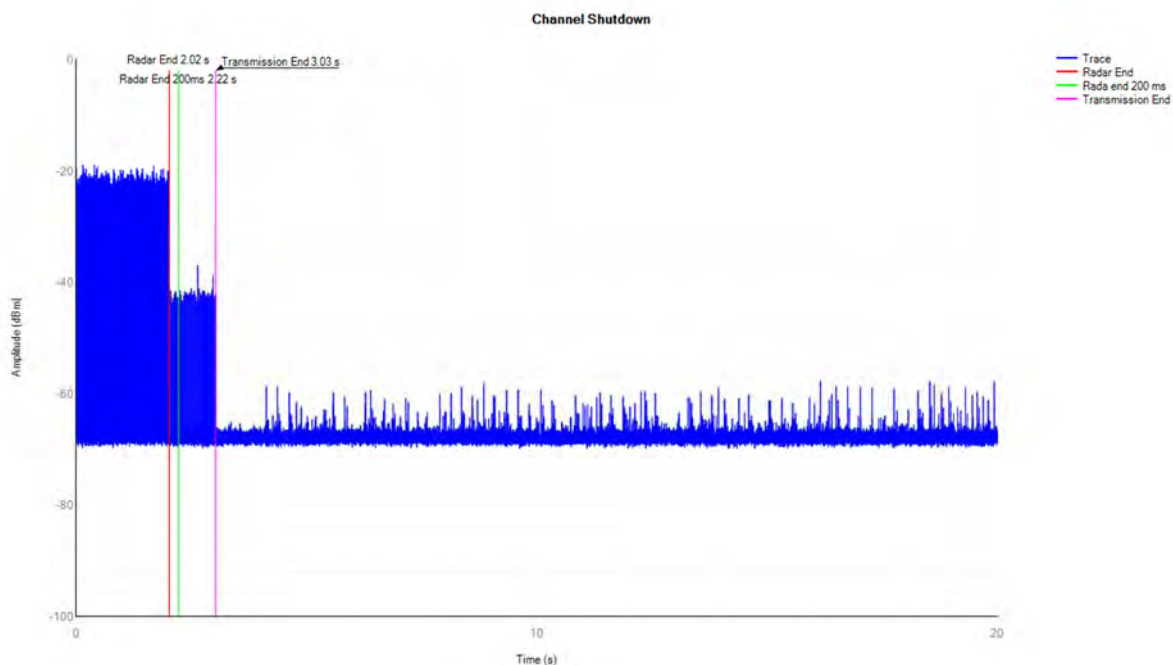
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ax20	5260	1.094	10	0.051	0.26	0.037	0.06	Pass
ax80	5290	1.007	10	0.041	0.26	0.032	0.06	Pass

Test Graphs

ax20 5260MHz Shutdown

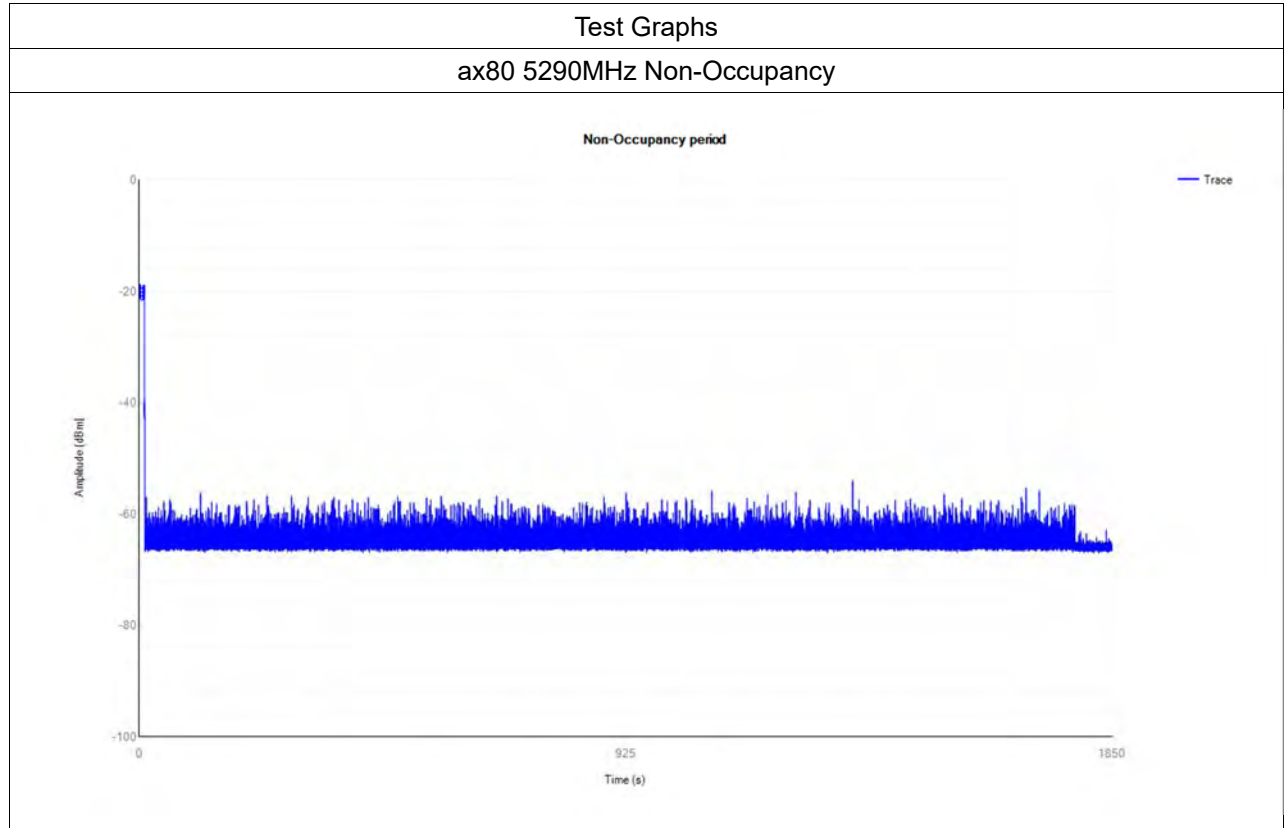


ax80 5290MHz Shutdown



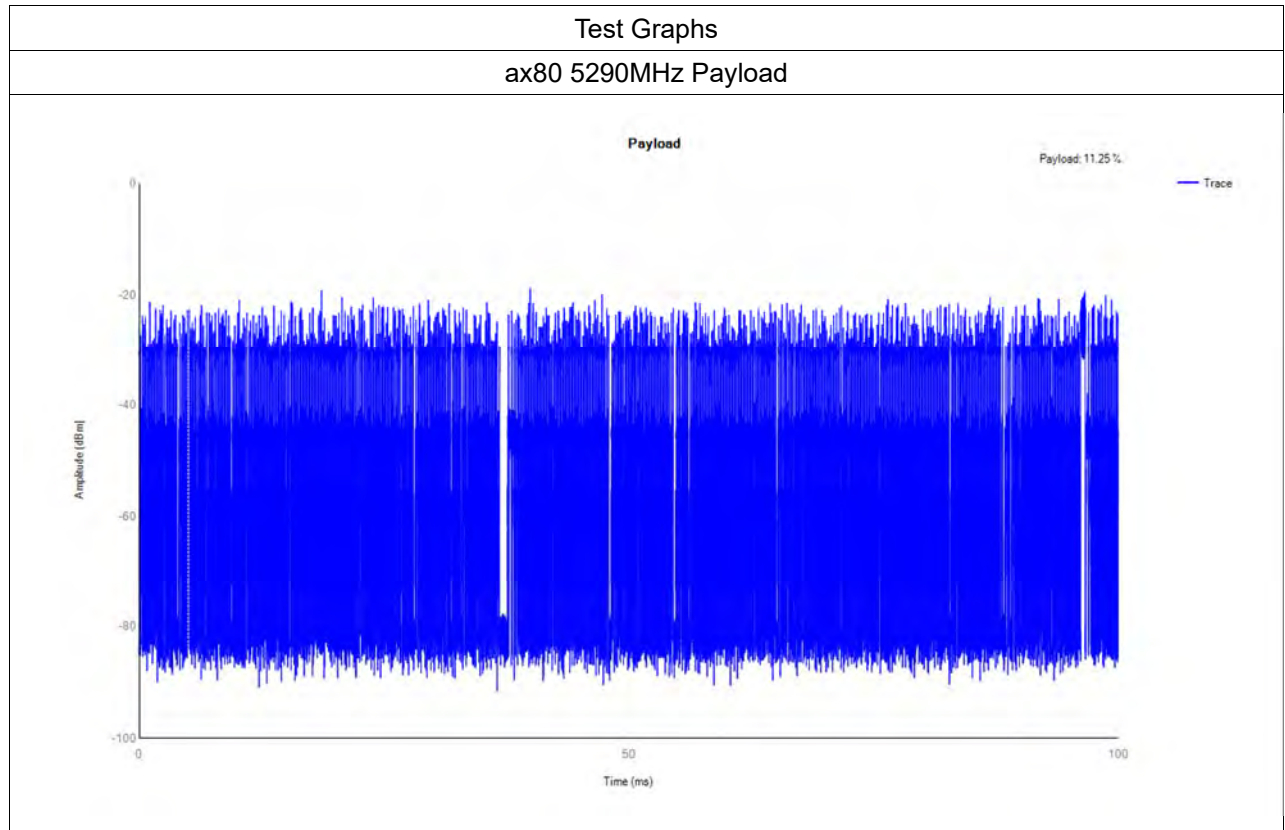
**Non-Occupancy**

Mode	Frequency (MHz)	Result	Verdict
ax80	5290	See test Graph	Pass



**Payload**

Mode	Frequency (MHz)	Result	Verdict
ax80	5290	11.25	Pass





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 + Adaptor + USB Cable + WIFI TX

Test voltage: AC 120V/60Hz

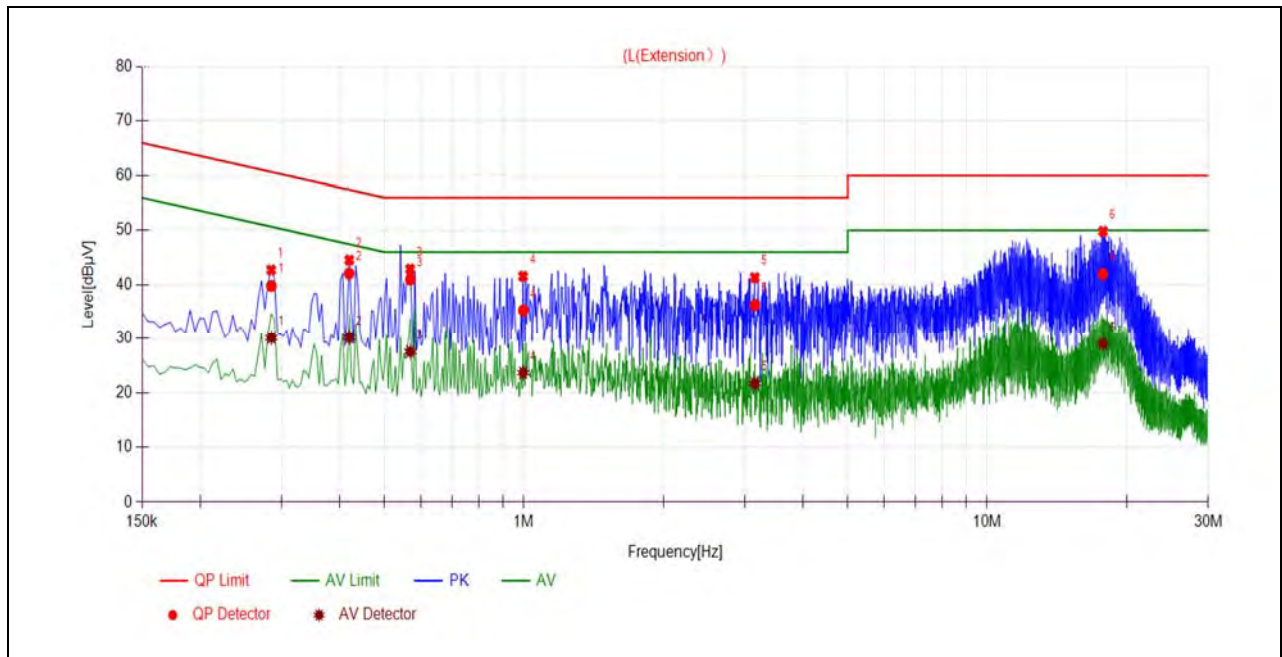
The measurement results are obtained as below:

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

U_R : Receiver Reading

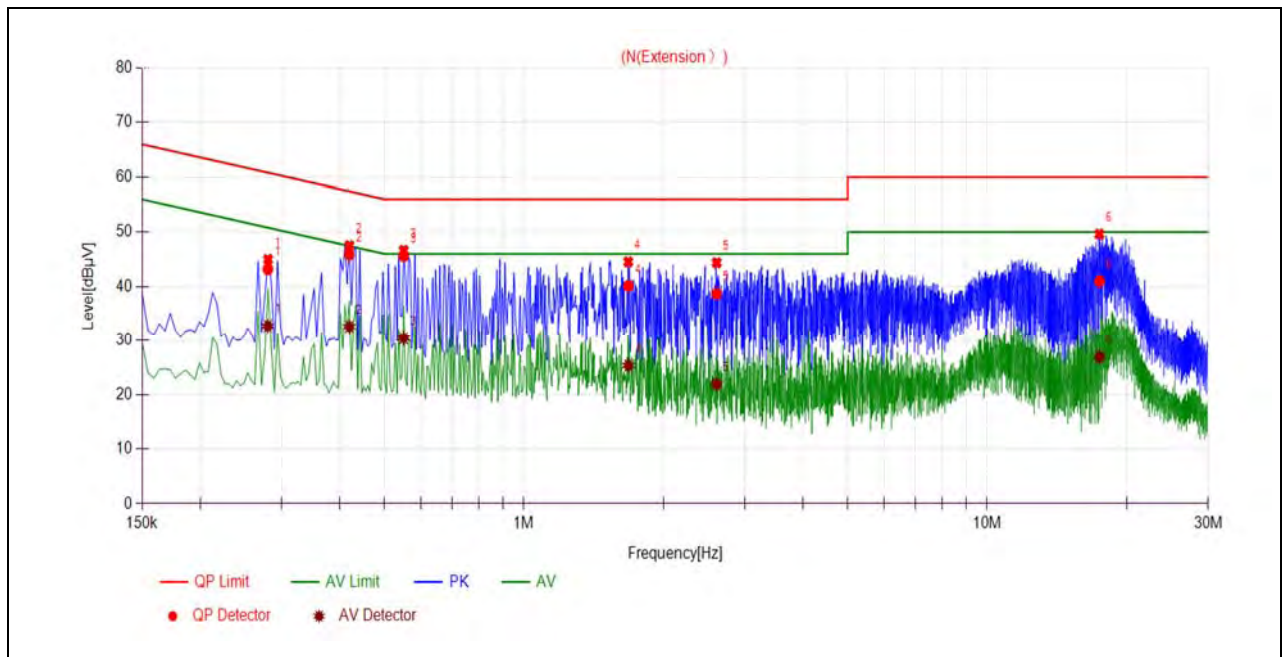
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.2851	39.76	30.11	60.67	50.67	Line	PASS
2	0.4196	42.07	30.18	57.46	47.46		PASS
3	0.5689	40.97	27.54	56.00	46.00		PASS
4	0.9968	35.26	23.65	56.00	46.00		PASS
5	3.1506	36.23	21.70	56.00	46.00		PASS
6	17.7745	41.96	29.02	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	0.2802	43.20	32.73	60.81	50.81	Neutral	PASS
2	0.4199	45.88	32.61	57.45	47.45		PASS
3	0.5502	45.64	30.41	56.00	46.00		PASS
4	1.6810	40.13	25.34	56.00	46.00		PASS
5	2.6059	38.71	21.88	56.00	46.00		PASS
6	17.4806	40.98	26.94	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

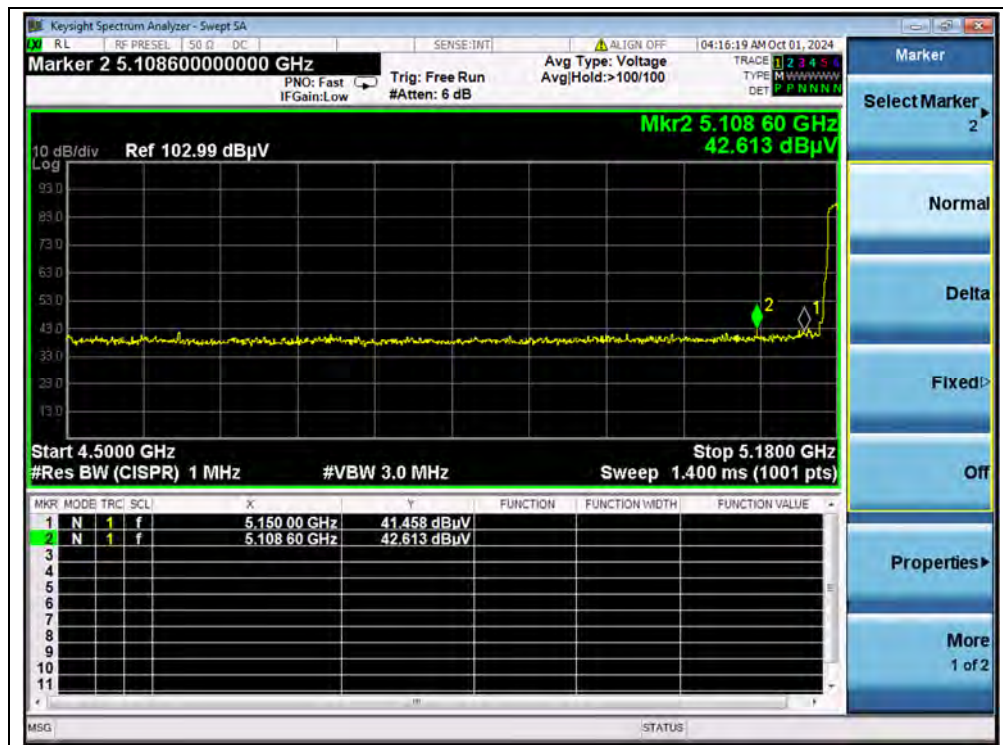
Note 1: Restricted Frequency Bands were performed when antenna was at vertical and horizontal polarity, and only the worse test condition (horizontal) was recorded in this test report.

Note 2: Restricted Frequency Bands were performed in X, Y, Z axis direction, and only the worst axis (X axis) test condition was recorded in this test report.

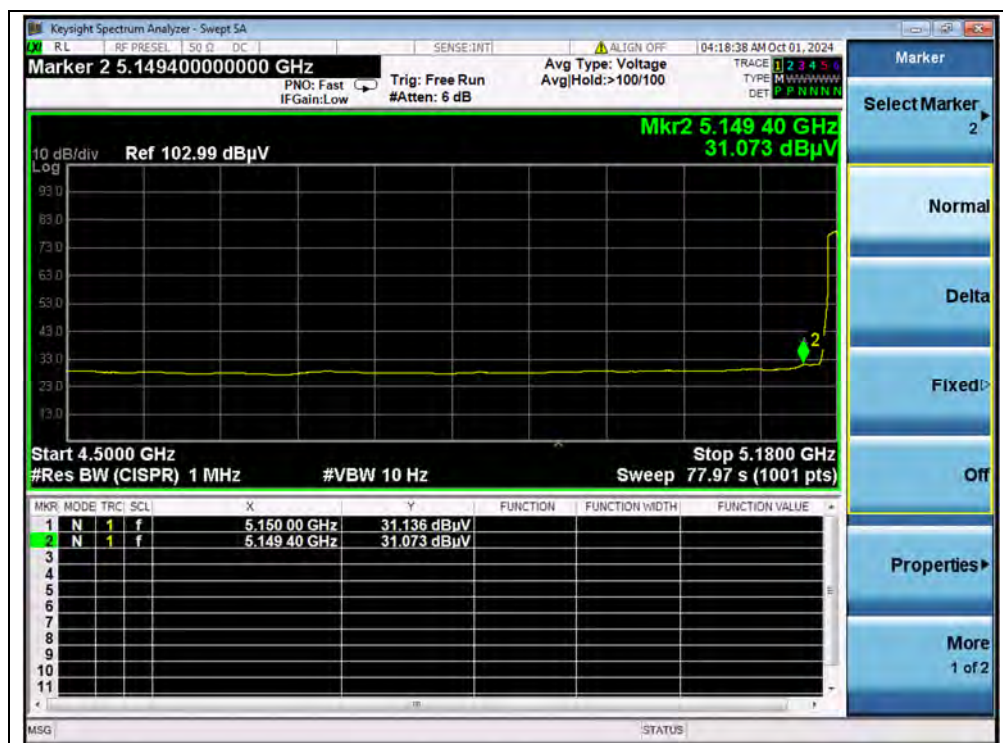
Note 3: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

802.11a Mode

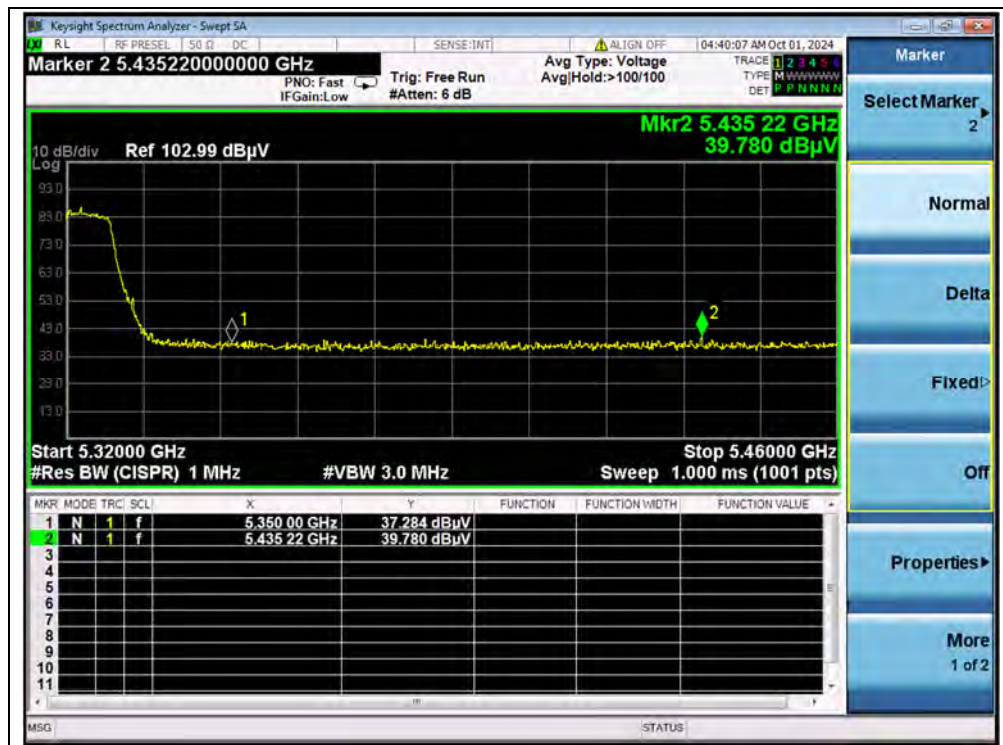
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB @3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
36	5108.60	PK	42.61	-21.29	32.20	53.52	74	PASS
36	5150.00	AV	31.14	-21.29	32.20	42.05	54	PASS
64	5435.22	PK	39.78	-20.66	32.20	51.32	74	PASS
64	5460.00	AV	27.67	-20.66	32.20	39.21	54	PASS
149	5725.00	PK	54.72	-21.11	32.20	65.81	122.23	PASS
165	5850.00	PK	44.24	-21.11	32.20	55.33	122.23	PASS



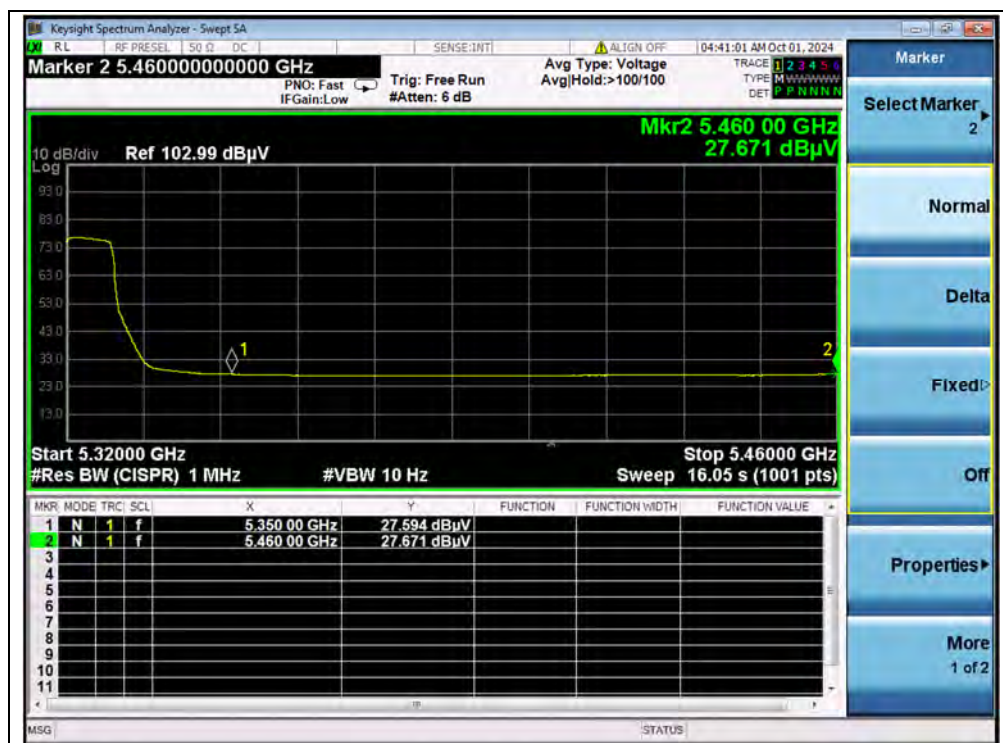
(PEAK, Channel 36, 802.11a)



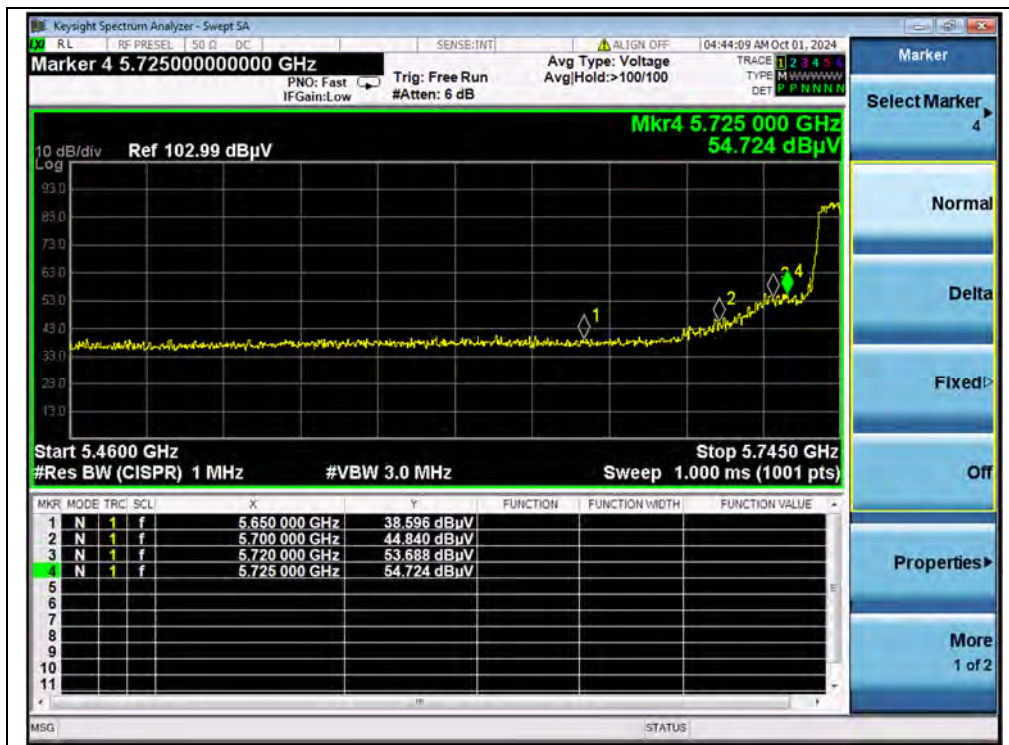
(AVERAGE, Channel 36, 802.11a)



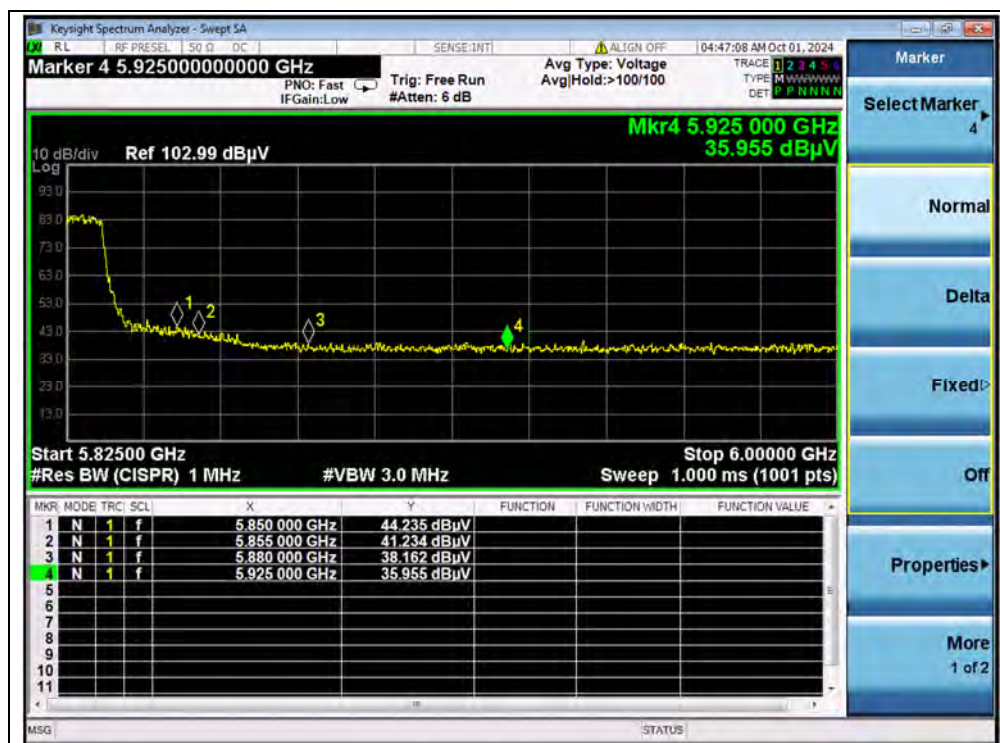
(PEAK, Channel 64, 802.11a)



(AVERAGE, Channel 64, 802.11a)



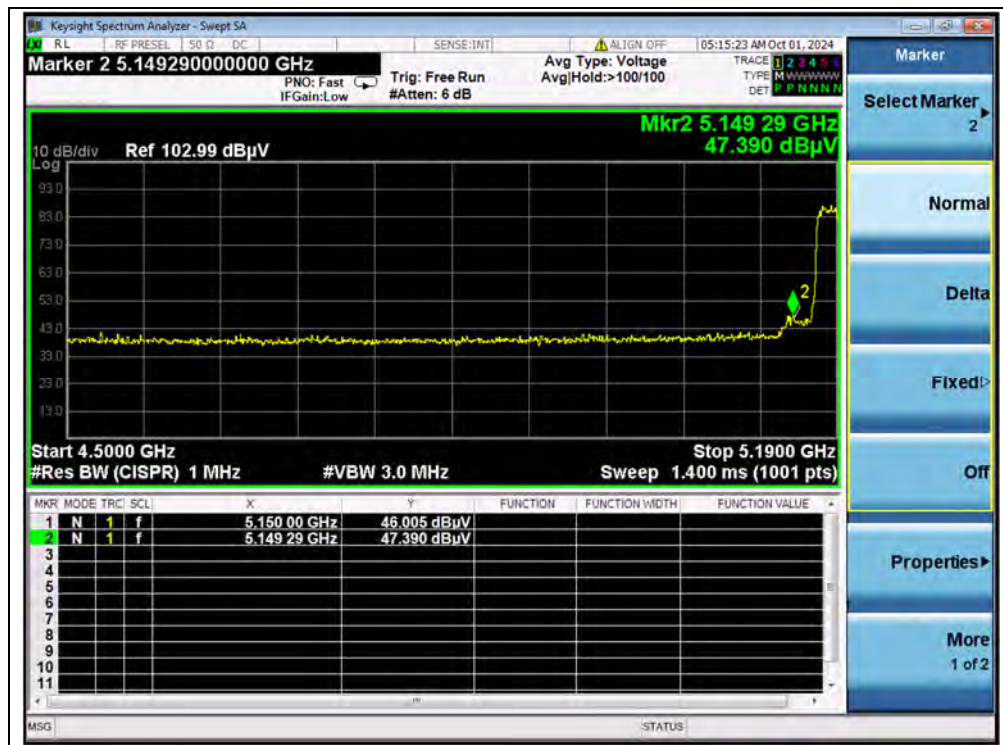
(PEAK, Channel 149, 802.11a)



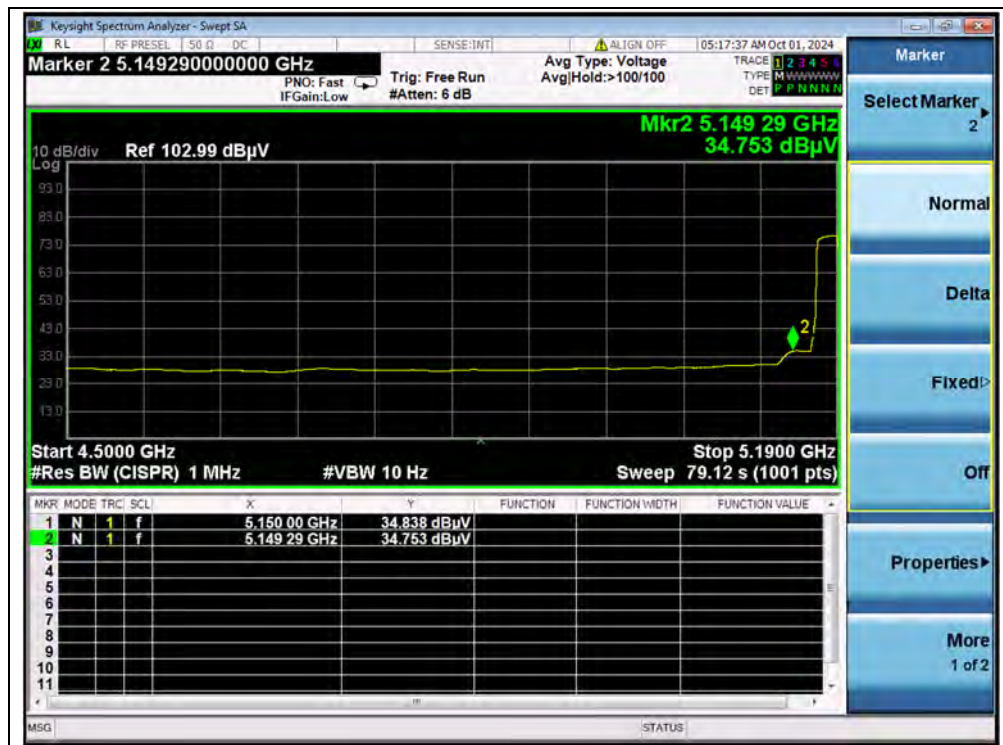
(PEAK, Channel 165, 802.11a)

**802.11n (HT40) Mode**

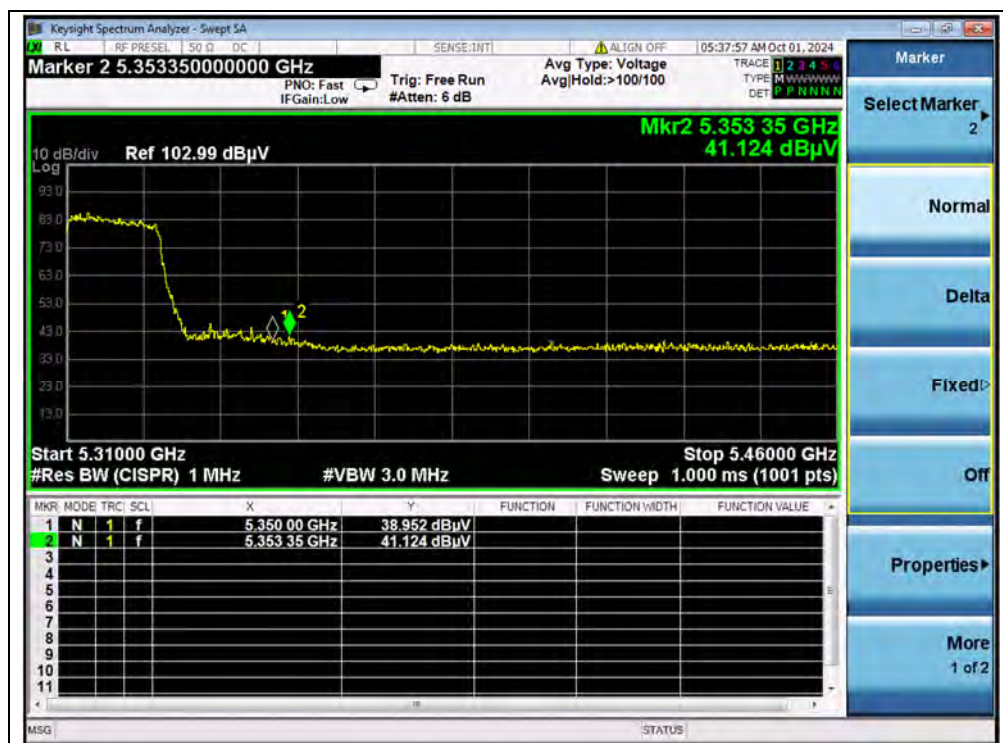
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB @3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
38	5149.29	PK	47.39	-21.29	32.20	58.30	74	PASS
38	5150.00	AV	34.84	-21.29	32.20	45.75	54	PASS
62	5353.35	PK	41.12	-20.66	32.20	52.66	74	PASS
62	5350.00	AV	30.76	-20.66	32.20	42.30	54	PASS
151	5720.00	PK	54.61	-21.11	32.20	65.70	110.83	PASS
159	5850.00	PK	42.92	-21.11	32.20	54.01	122.23	PASS



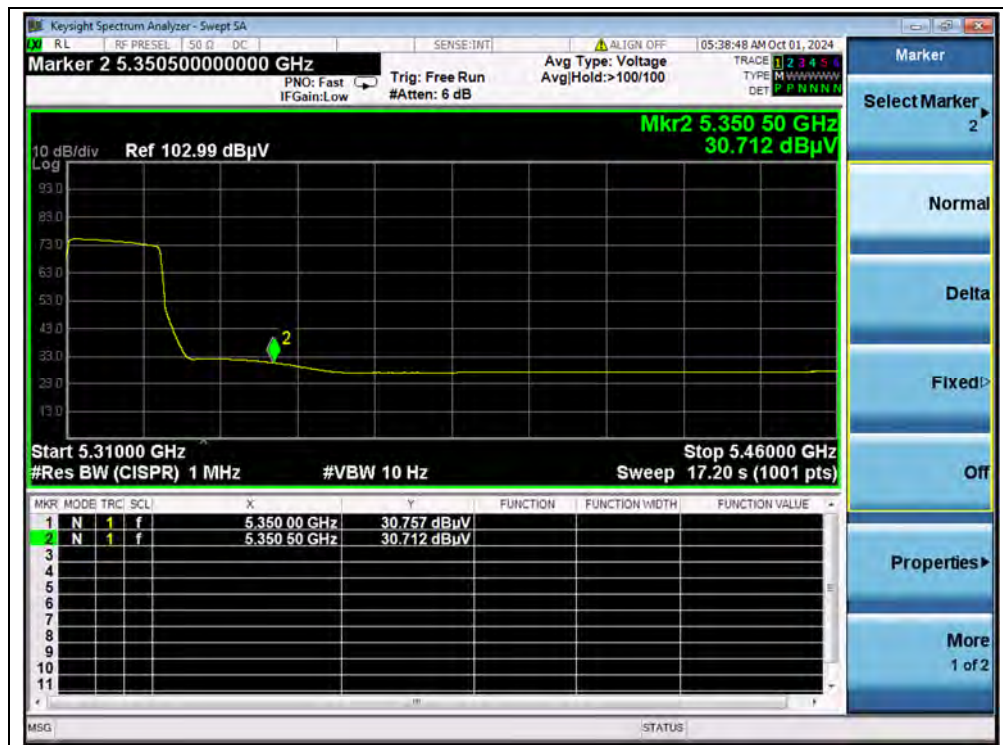
(PEAK, Channel 38, 802.11n (HT40))



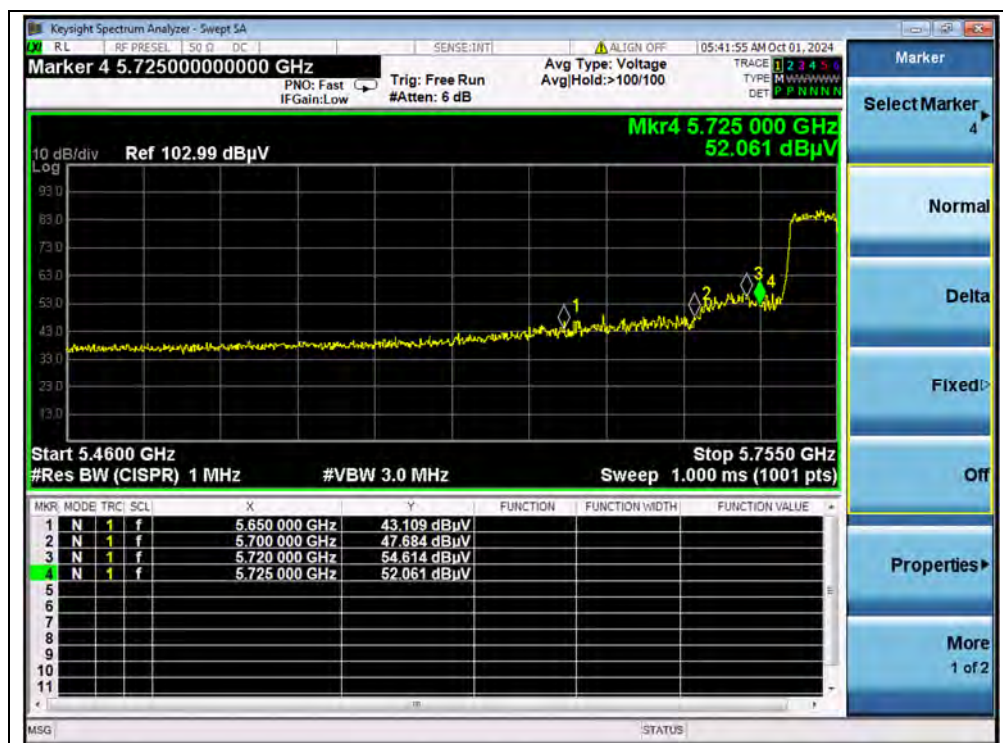
(AVERAGE, Channel 38, 802.11n (HT40))



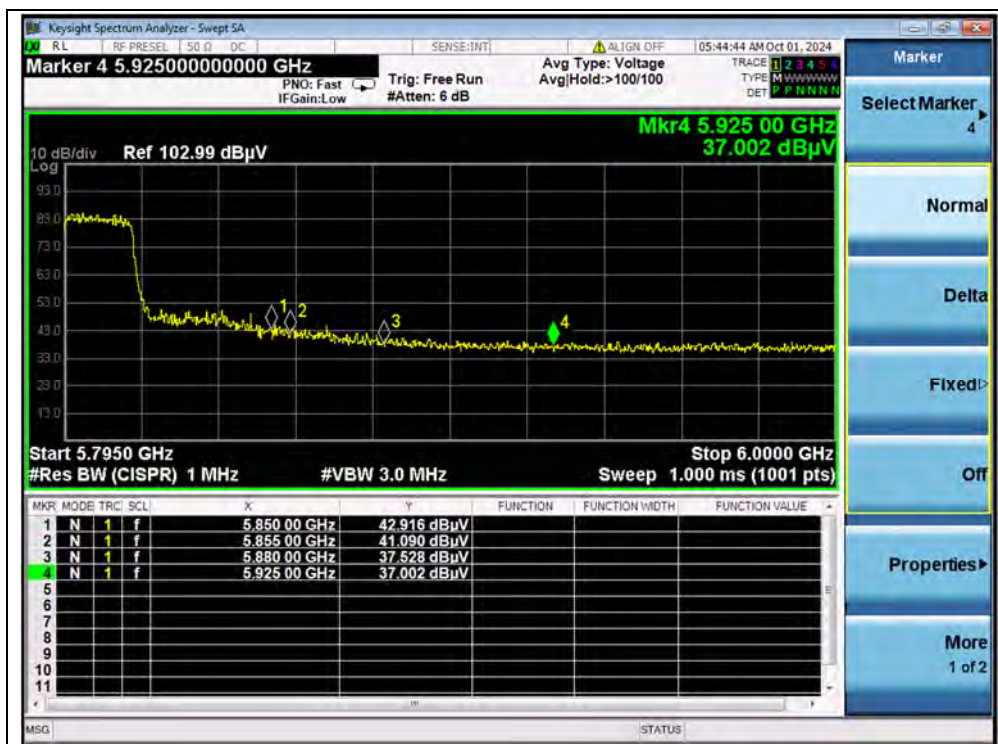
(PEAK, Channel 62, 802.11n (HT40))



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



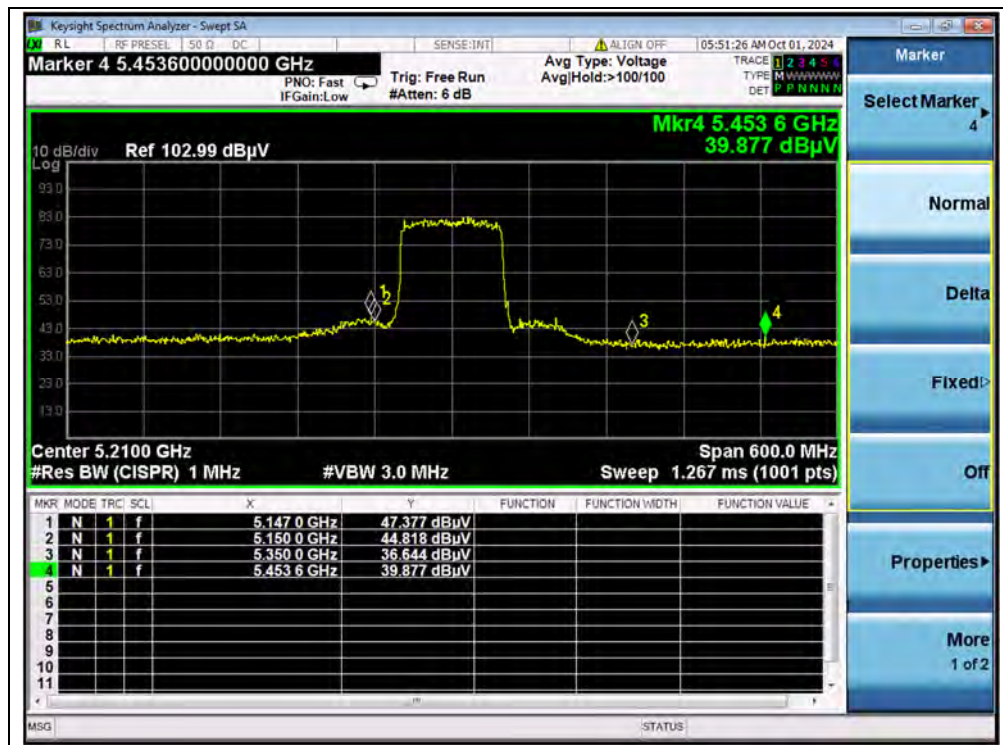
(PEAK, Channel 151, 802.11n (HT40))



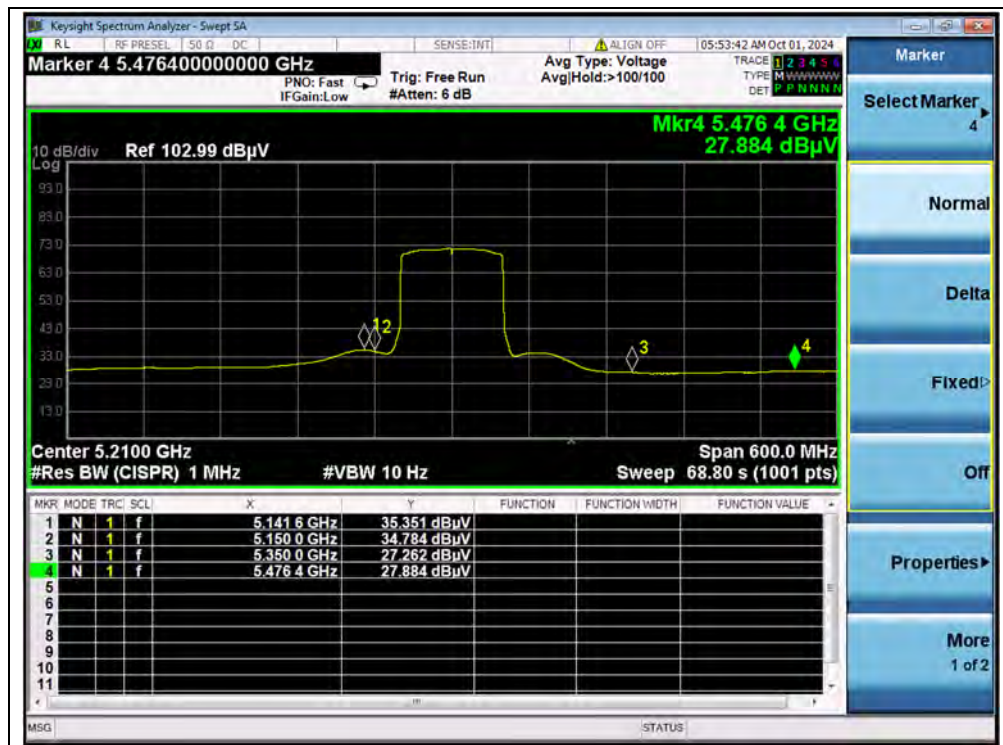
(PEAK, Channel 159, 802.11n (HT40))

**802.11ac (VHT80) Mode**

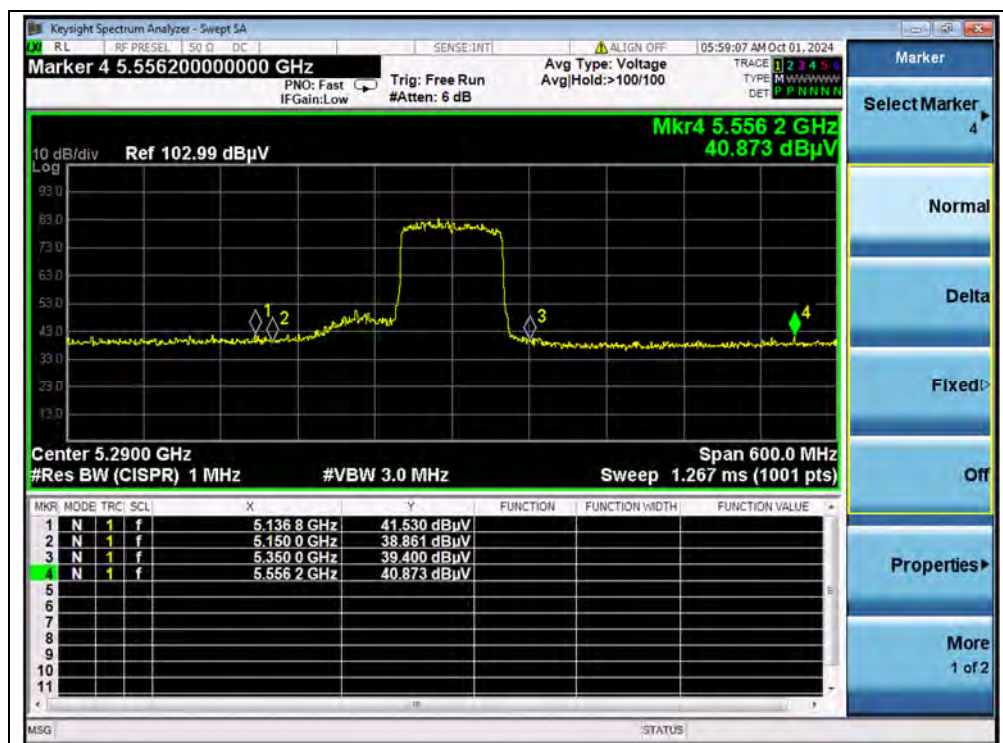
Channel	Frequency (MHz)	Detector	Receiver Reading U_R (dB μ V)	A_T (dB)	A_{Factor} (dB @3m)	Max. Emission E (dB μ V/m)	Limit (dB μ V/m)	Verdict
		PK/ AV						
42	5147.00	PK	47.38	-21.29	32.20	58.29	74	PASS
42	5141.60	AV	35.35	-21.29	32.20	46.26	54	PASS
58	5136.80	PK	41.53	-20.66	32.20	53.07	74	PASS
58	5147.00	AV	29.79	-20.66	32.20	41.33	54	PASS
155	5700.00	PK	56.57	-21.11	32.20	67.66	105.23	PASS
155	5850.00	PK	50.11	-21.11	32.20	61.20	122.23	PASS



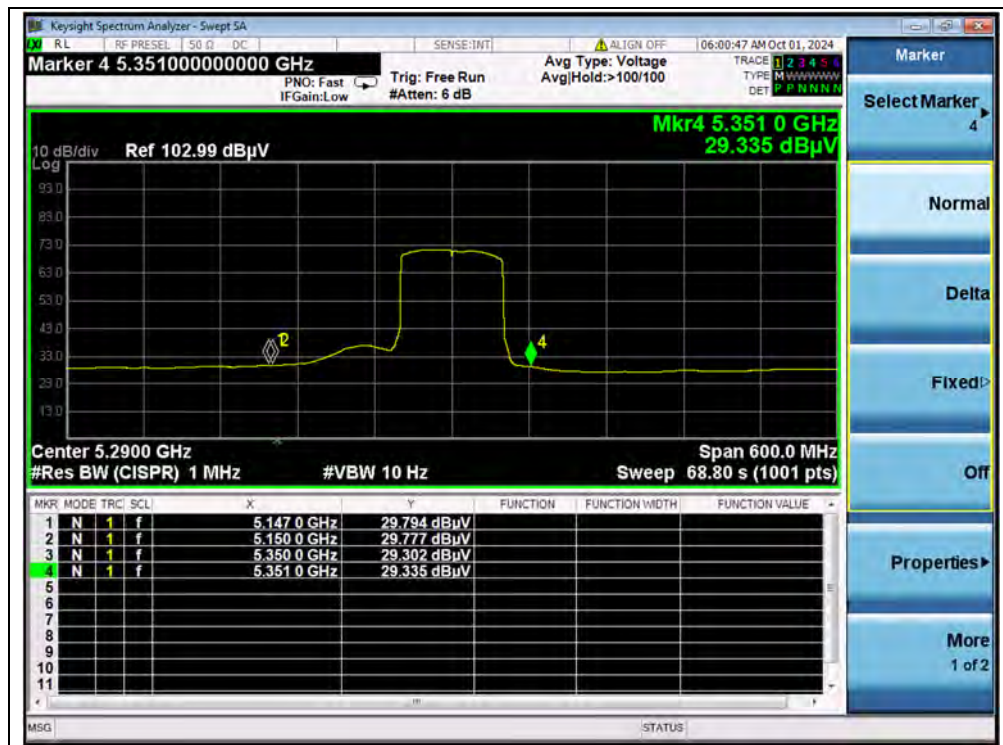
(PEAK, Channel 42, 802.11ac (VHT80))



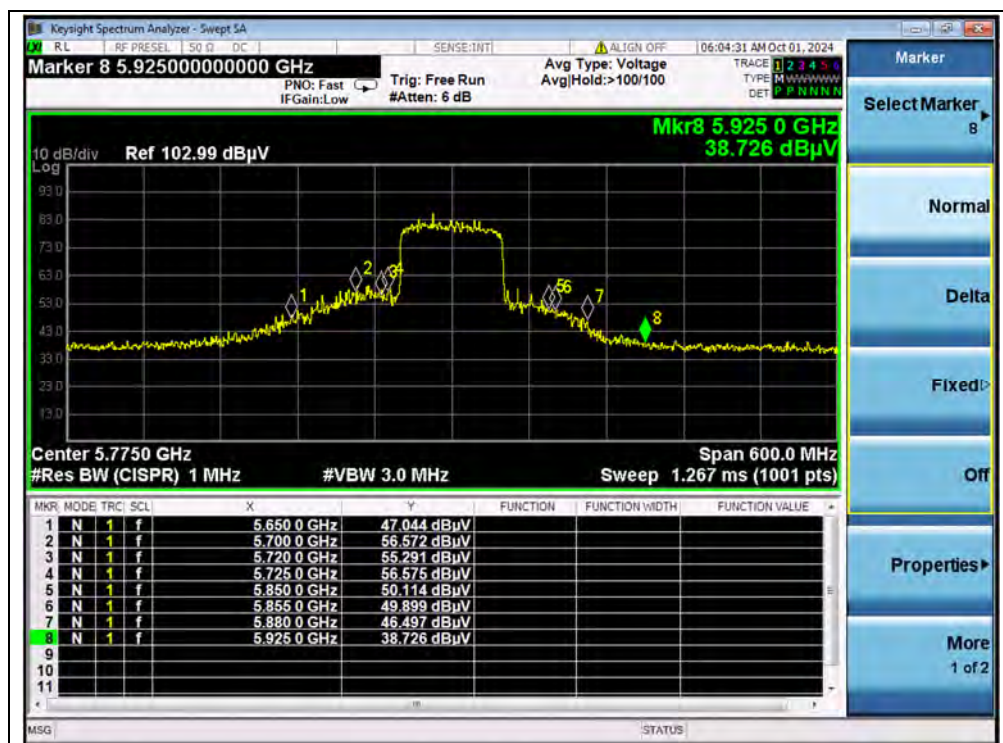
(AVERAGE, Channel 42, 802.11ac (VHT80))



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



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



(PEAK, Channel 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 (X axis) test condition was recorded in this test report.

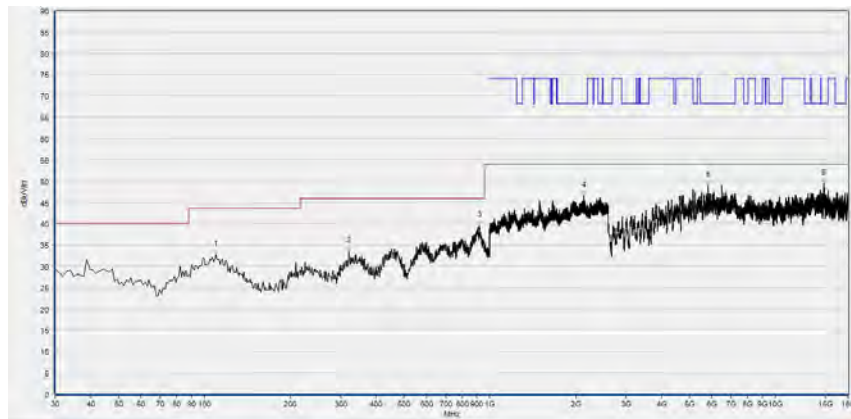
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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

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

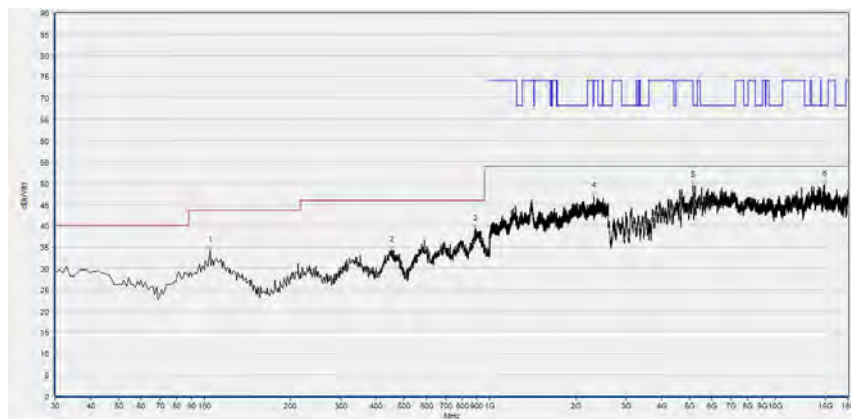
**802.11a Mode**

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	32.68	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
321.000	33.45	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
920.460	39.52	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2138.667	46.61	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5827.840	48.92	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
14806.040	49.39	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

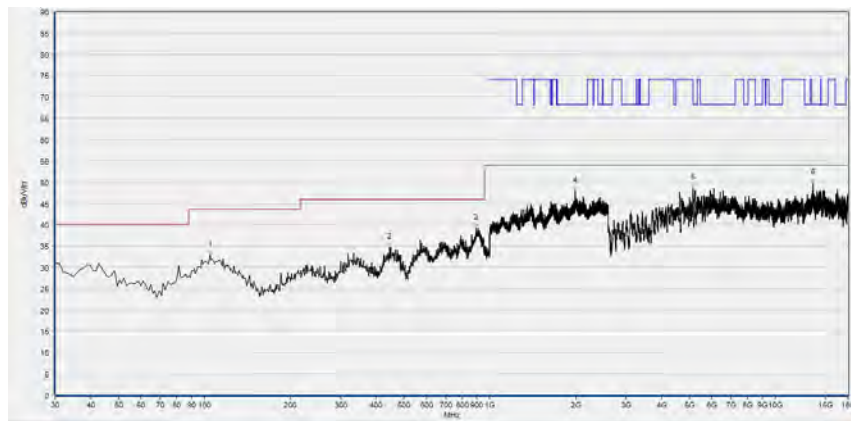
(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
104.690	34.12	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
452.920	34.18	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
888.450	39.21	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2310.933	46.91	N/A	N/A	74.00	N/A	54.00	Vertical	PASS
5159.480	49.38	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
14839.920	49.58	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

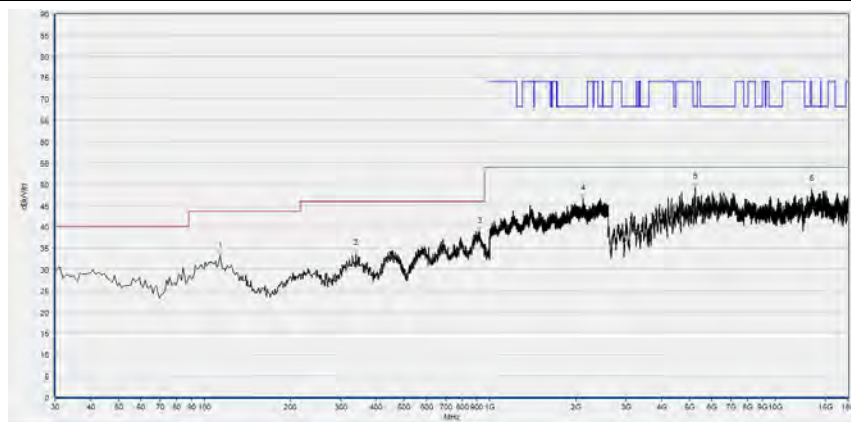
(Antenna Vertical, 30MHz to 18GHz)

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
104.690	32.77	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
446.130	34.64	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
896.210	39.21	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
1994.133	47.92	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5159.480	48.66	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
13583.280	49.82	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

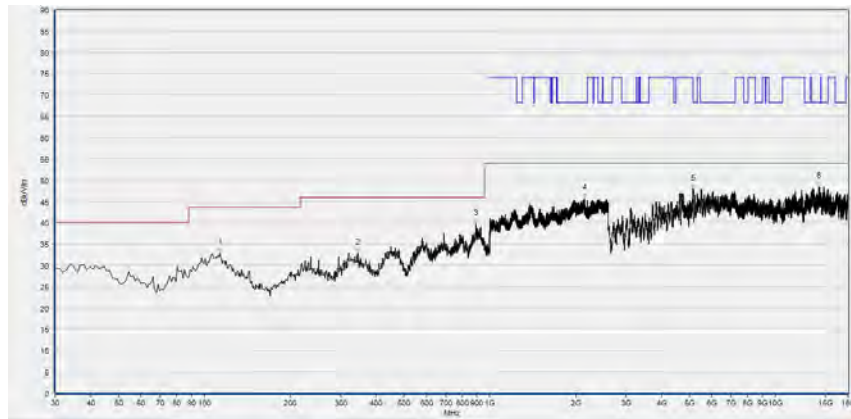
(Antenna Horizontal, 30MHz to 18GHz)



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
113.420	33.26	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
339.430	33.70	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
918.520	38.83	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2118.400	46.65	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5239.560	49.32	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13444.680	48.76	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

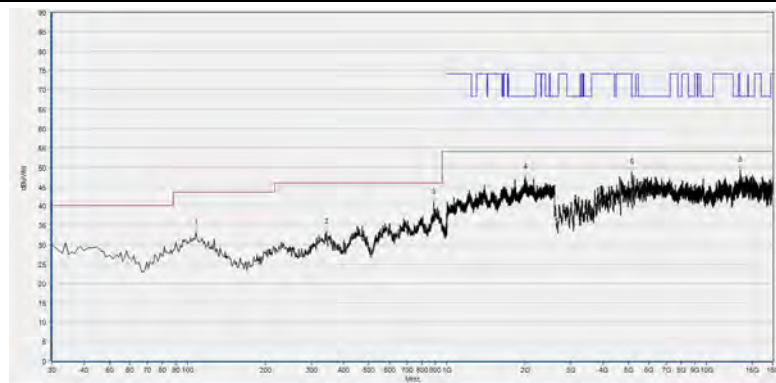
(Antenna Vertical, 30MHz to 18GHz)

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
113.420	32.90	N/A	N/A	N/A	43.50	N/A	Horizontal	PASS
346.220	32.79	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
894.270	39.67	N/A	N/A	N/A	46.00	N/A	Horizontal	PASS
2145.600	45.78	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS
5141.000	47.94	N/A	N/A	74.00	N/A	54.00	Horizontal	PASS
14171.560	48.41	N/A	N/A	68.23	N/A	N/A	Horizontal	PASS

(Antenna Horizontal, 30MHz to 18GHz)



Fre. (MHz)	PK (dBμV/m)	QP (dBμV/m)	AV (dBμV/m)	Limit-PK (dBμV/m)	Limit-QP (dBμV/m)	Limit-AV (dBμV/m)	Antenna	Verdict
107.600	33.15	N/A	N/A	N/A	43.50	N/A	Vertical	PASS
343.310	33.32	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
890.390	41.00	N/A	N/A	N/A	46.00	N/A	Vertical	PASS
2000.000	47.59	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
5165.640	48.78	N/A	N/A	68.23	N/A	N/A	Vertical	PASS
13487.800	49.21	N/A	N/A	68.23	N/A	N/A	Vertical	PASS

(Antenna Vertical, 30MHz to 18GHz)

END OF REPORT