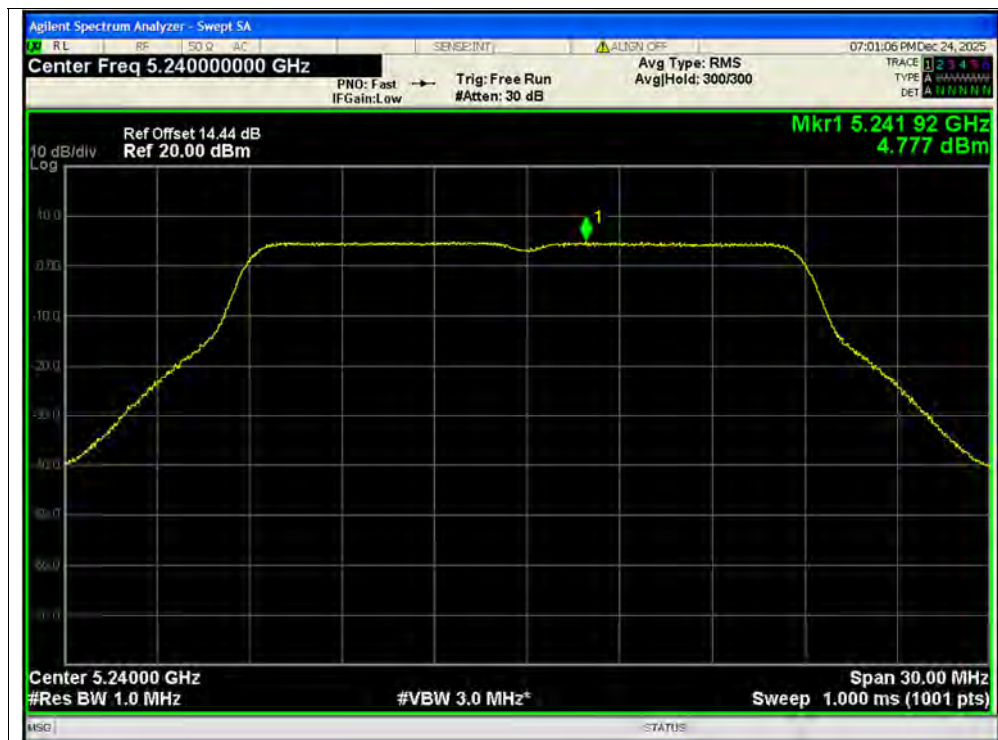




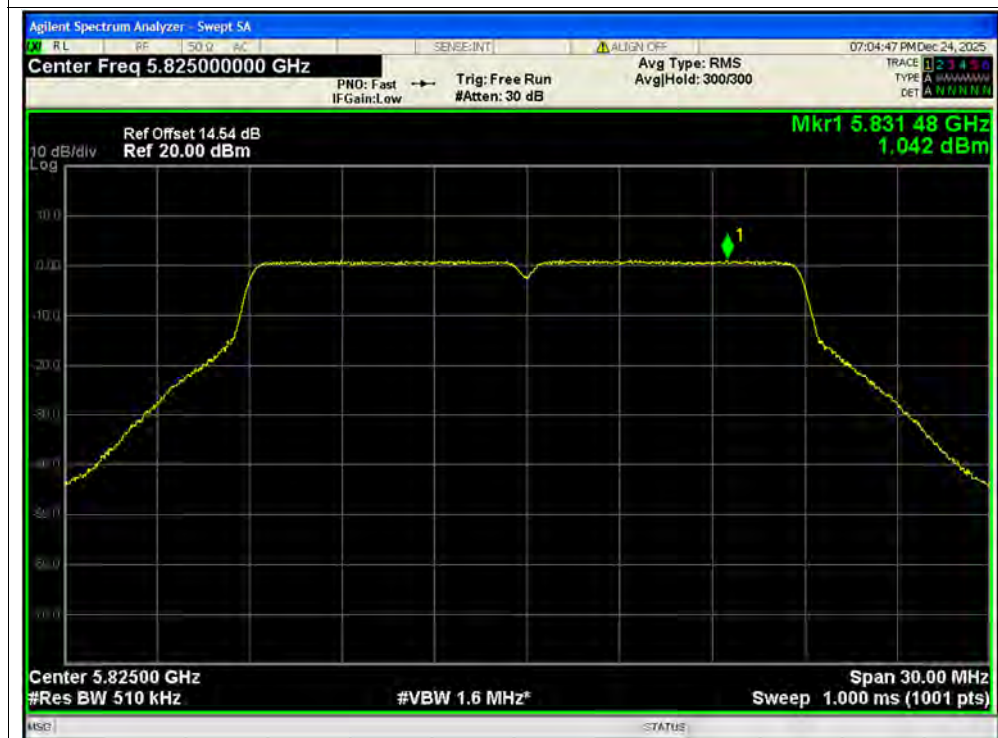
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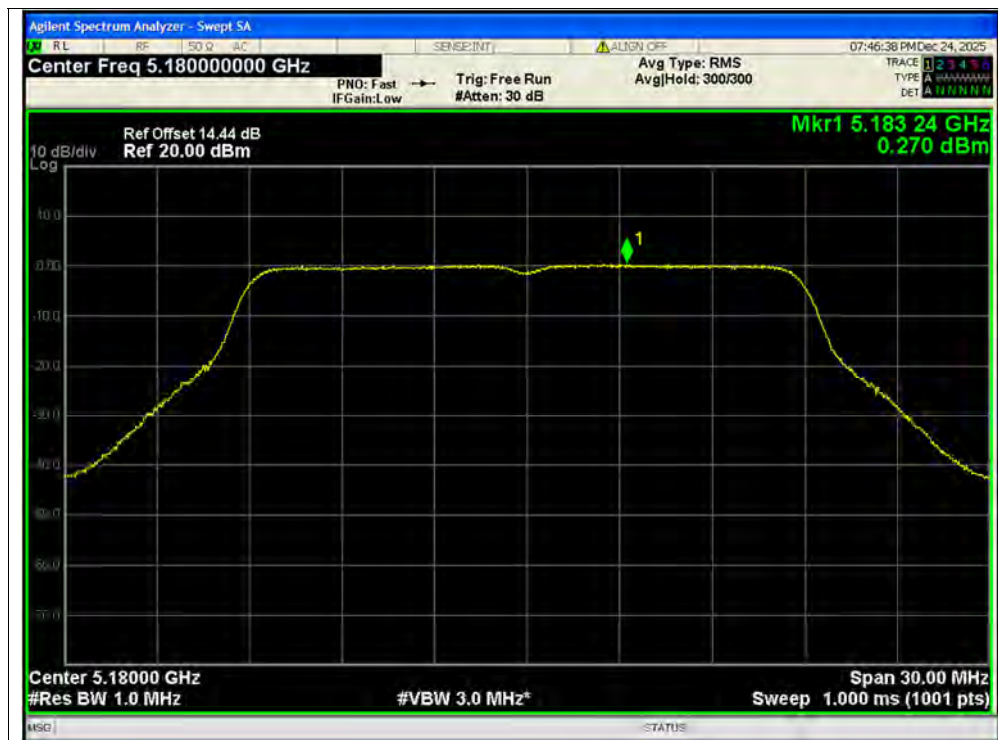
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PSD NVNT ac20 5785MHz Ant2 SISO

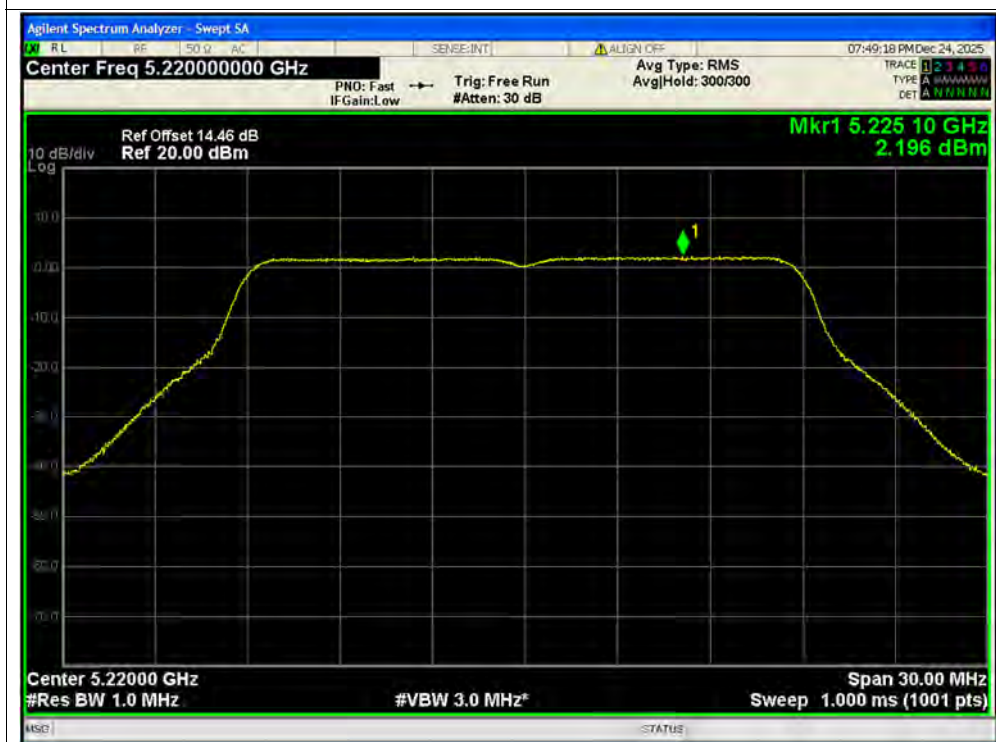


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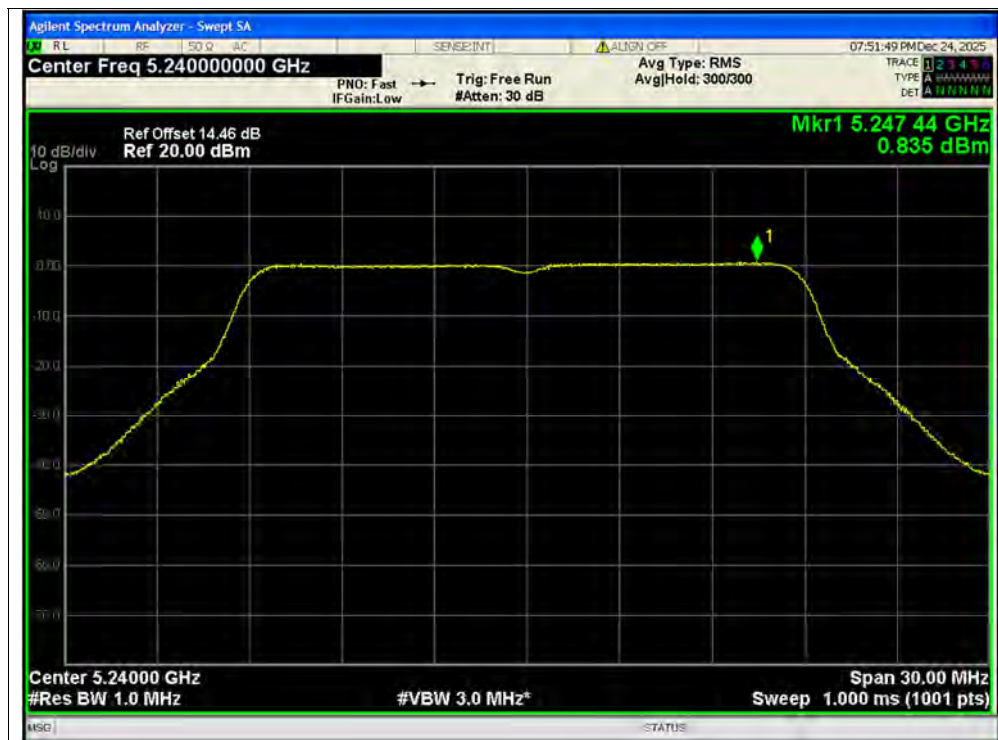




PSD NVNT ac20 5220MHz Ant1 MIMO



PSD NVNT ac20 5220MHz Ant2 MIMO



PSD NVNT ac20 5240MHz Ant1 MIMO



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PSD NVNT ac20 5745MHz Ant2 MIMO



PSD NVNT ac20 5785MHz Ant1 MIMO



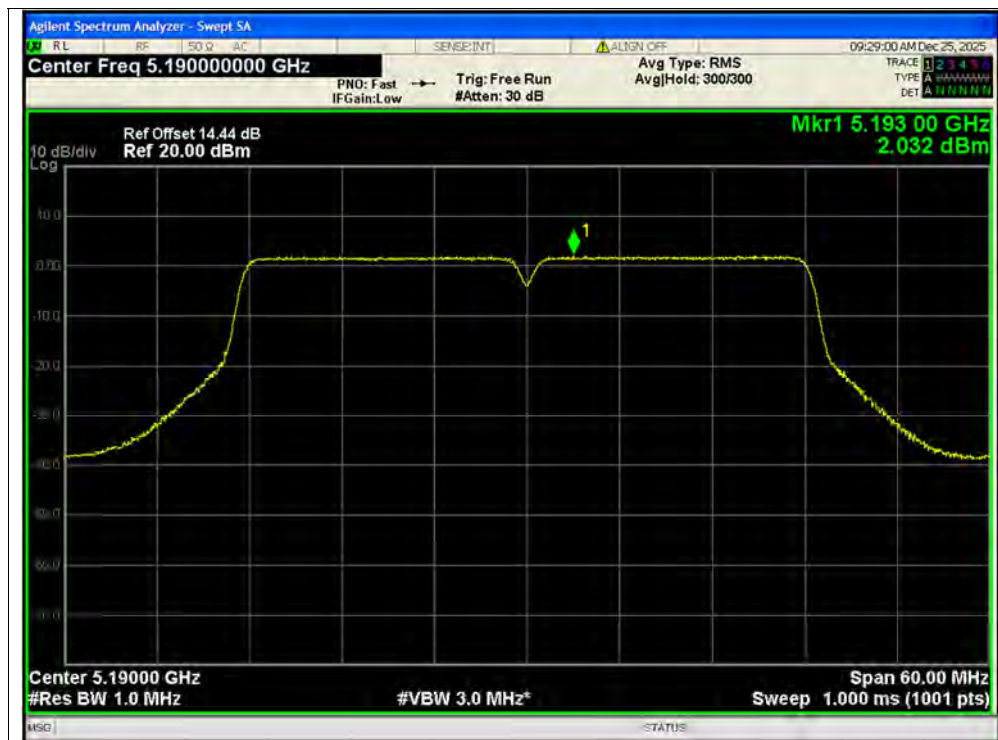
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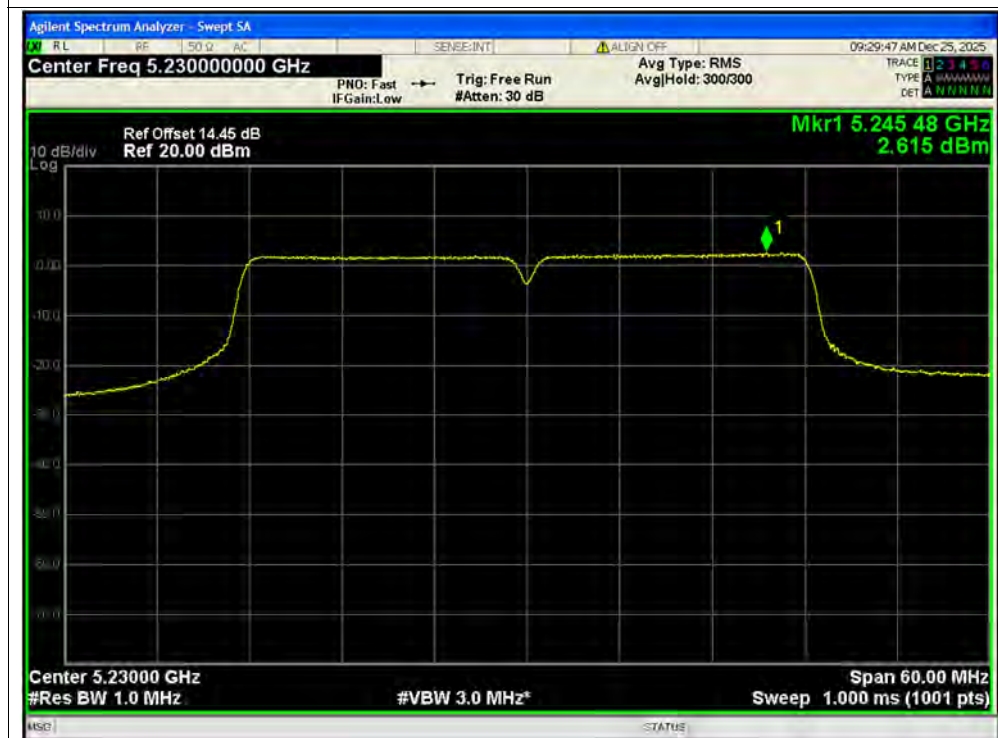
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PSD NVNT ac20 5825MHz Ant2 MIMO



PSD NVNT ac40 5190MHz Ant1 SISO



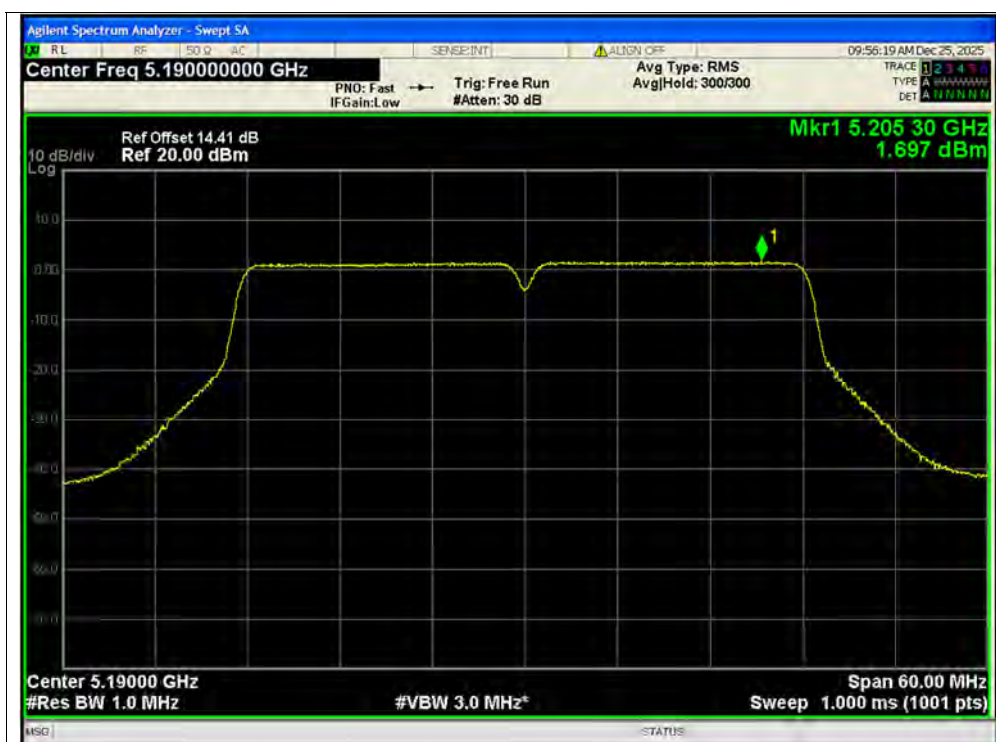
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PSD NVNT ac40 5755MHz Ant1 SISO



PSD NVNT ac40 5795MHz Ant1 SISO



PSD NVNT ac40 5190MHz Ant2 SISO



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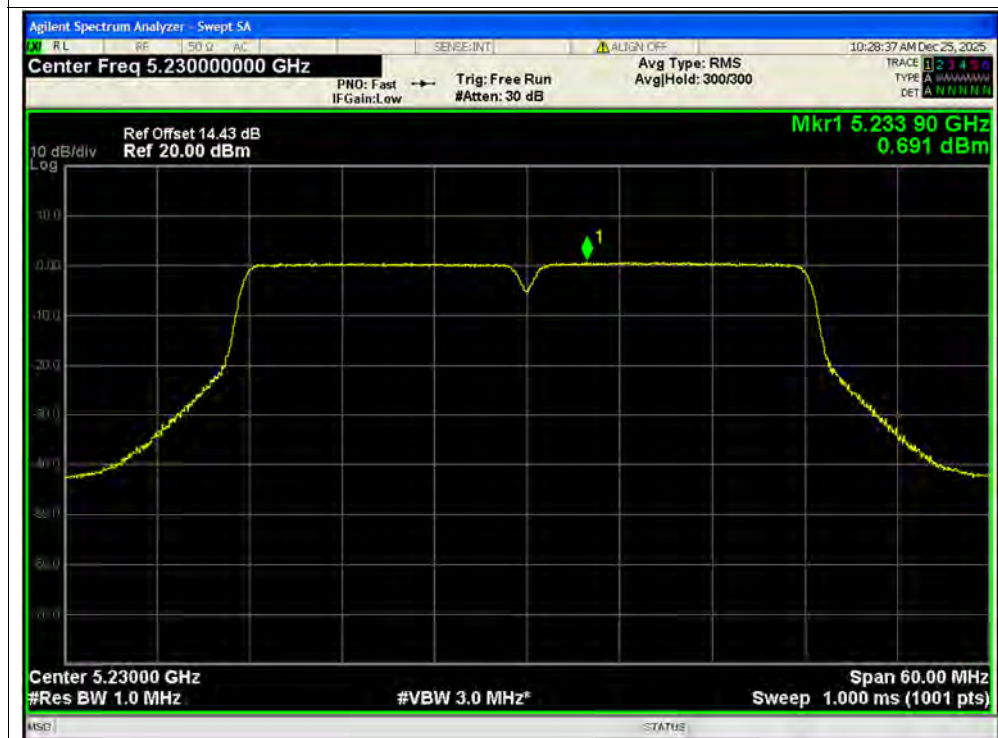
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PSD NVNT ac40 5190MHz Ant2 MIMO



PSD NVNT ac40 5230MHz Ant1 MIMO



PSD NVNT ac40 5230MHz Ant2 MIMO



PSD NVNT ac40 5755MHz Ant1 MIMO



PSD NVNT ac40 5755MHz Ant2 MIMO



PSD NVNT ac40 5795MHz Ant1 MIMO



PSD NVNT ac40 5795MHz Ant2 MIMO



PSD NVNT ac80 5210MHz Ant1 SISO



PSD NVNT ac80 5775MHz Ant1 SISO



PSD NVNT ac80 5210MHz Ant2 SISO



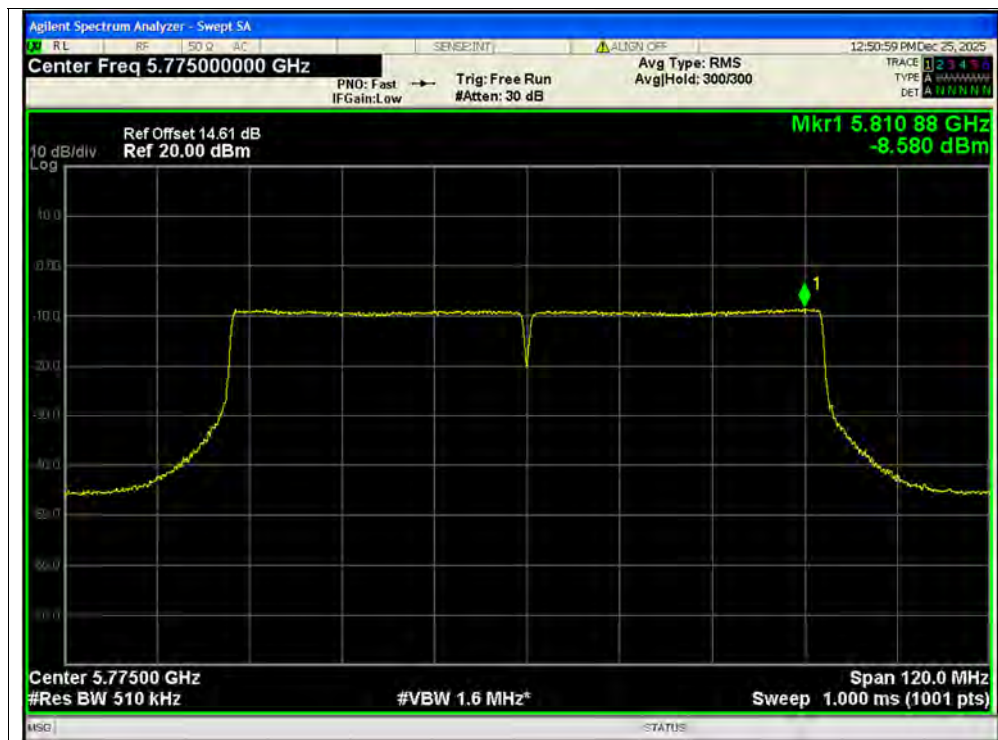
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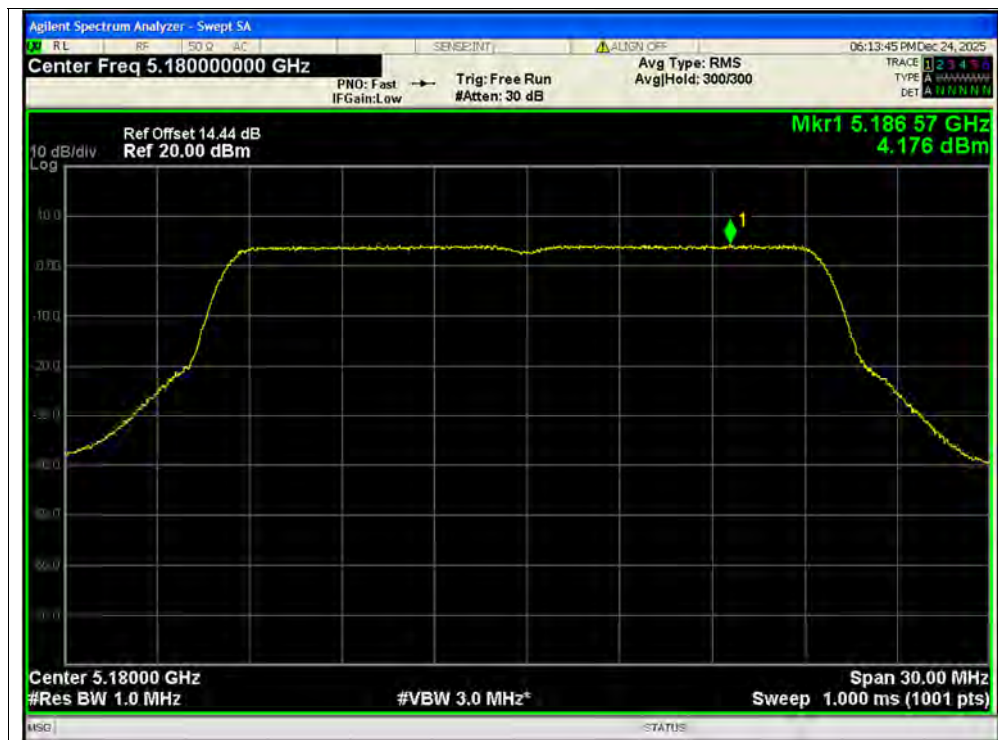
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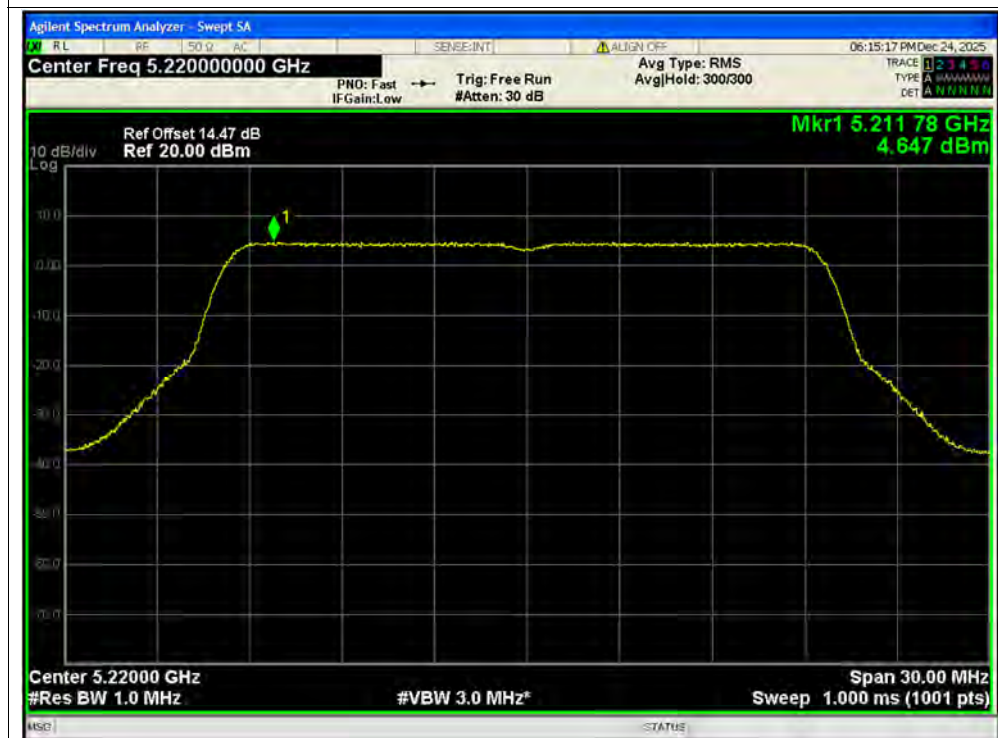
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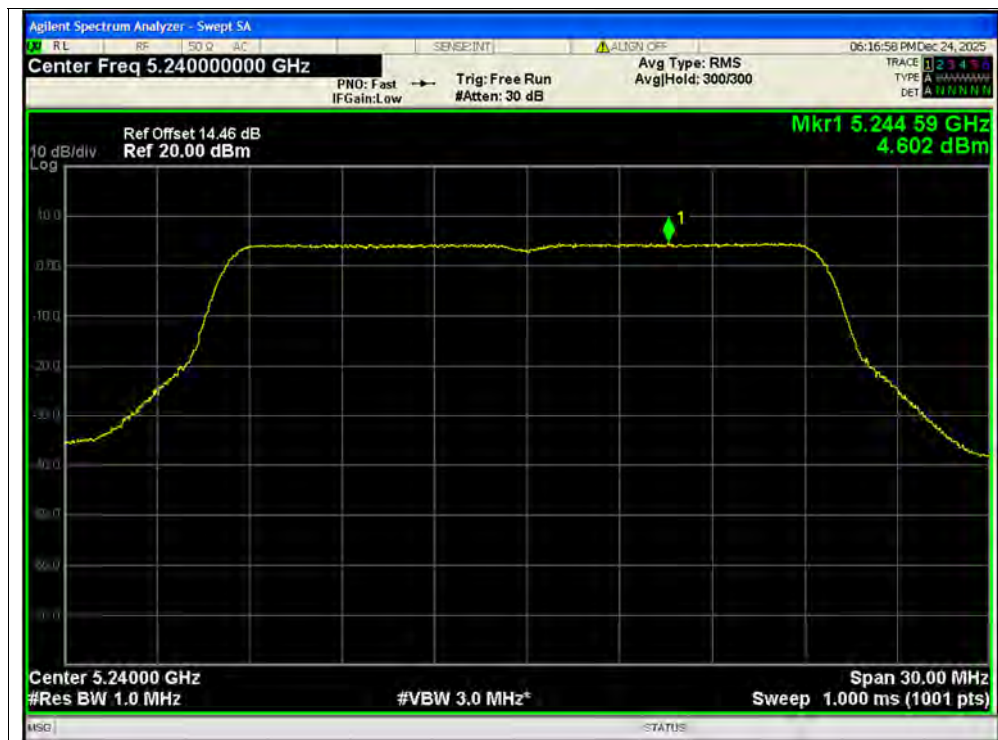
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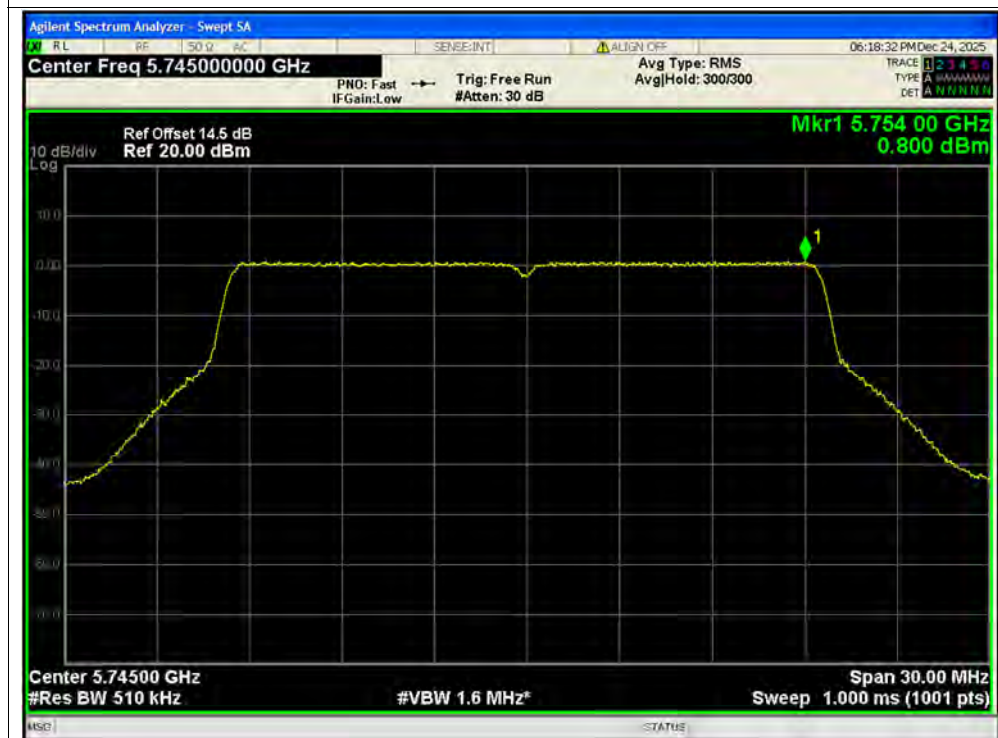
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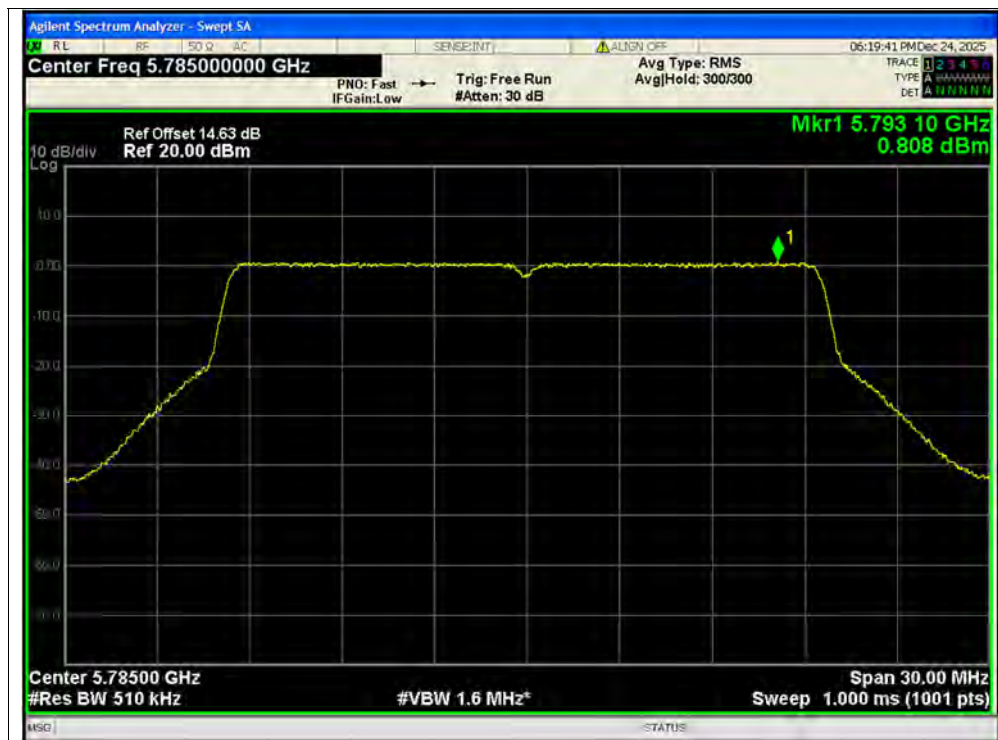
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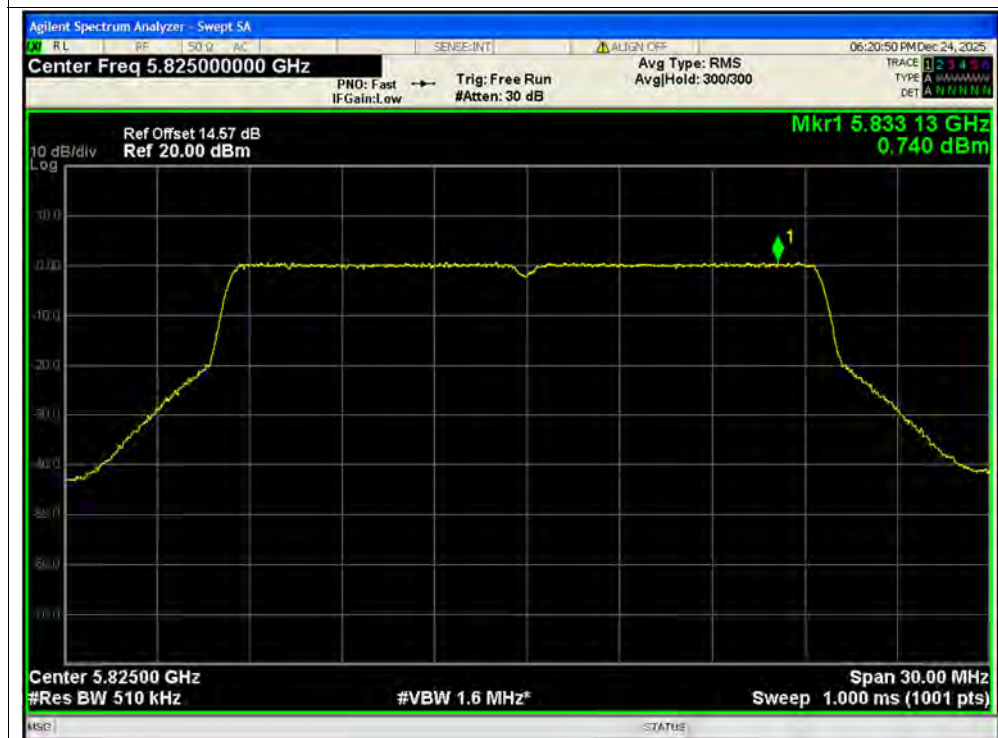
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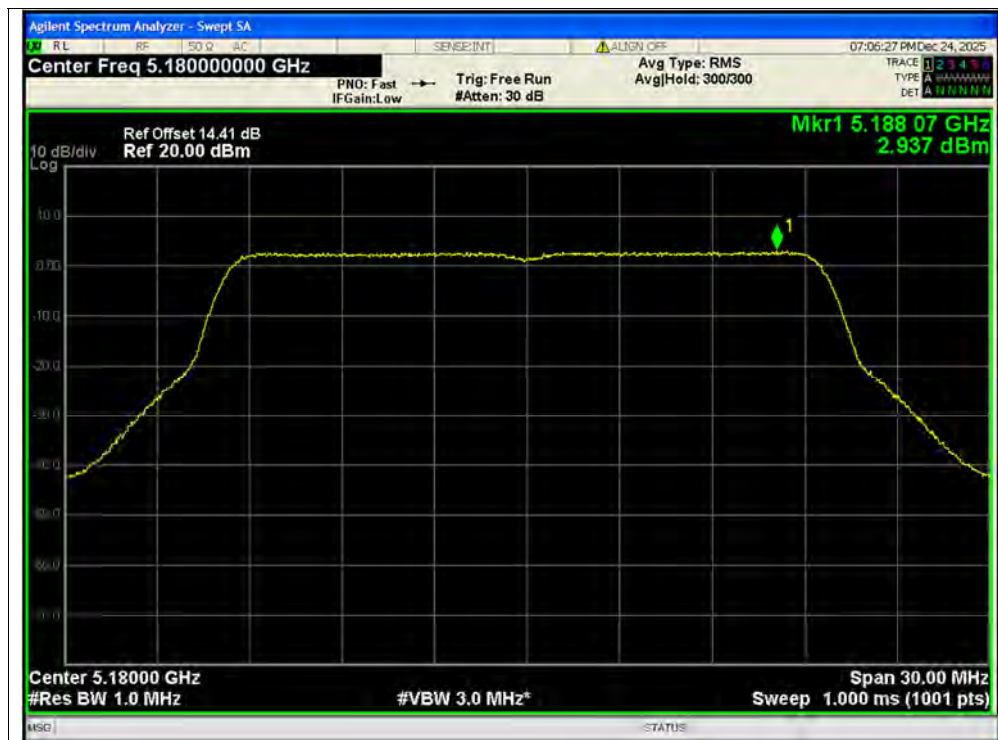
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PSD NVNT ax20 5785MHz Ant1 SISO



PSD NVNT ax20 5825MHz Ant1 SISO



PSD NVNT ax20 5180MHz Ant2 SISO



PSD NVNT ax20 5220MHz Ant2 SISO



PSD NVNT ax20 5240MHz Ant2 SISO



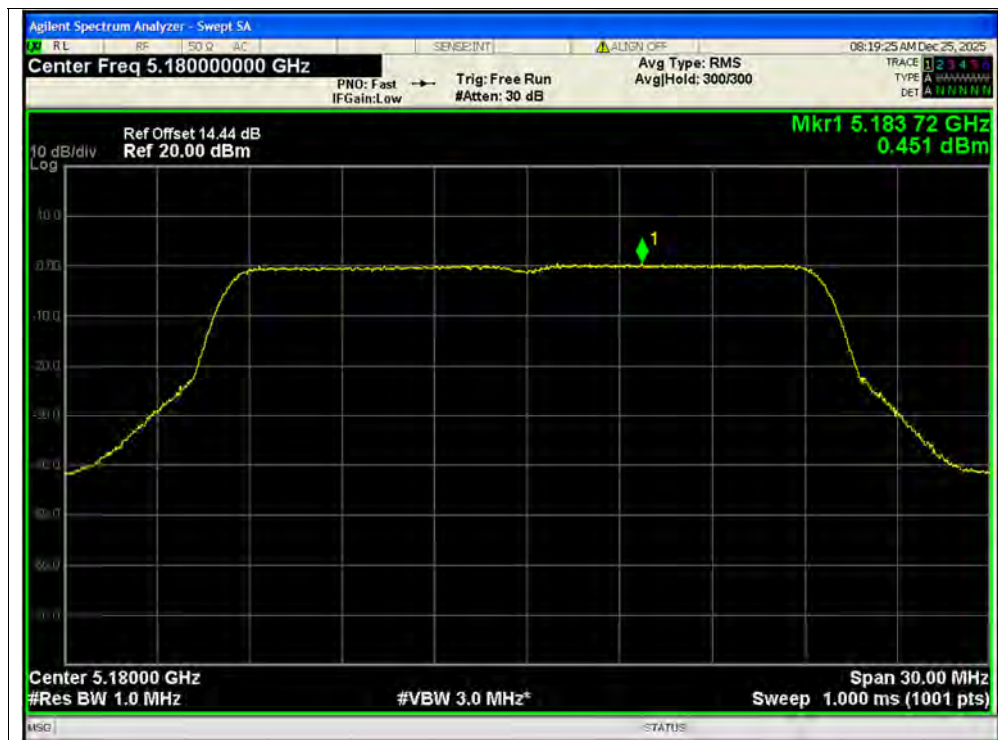
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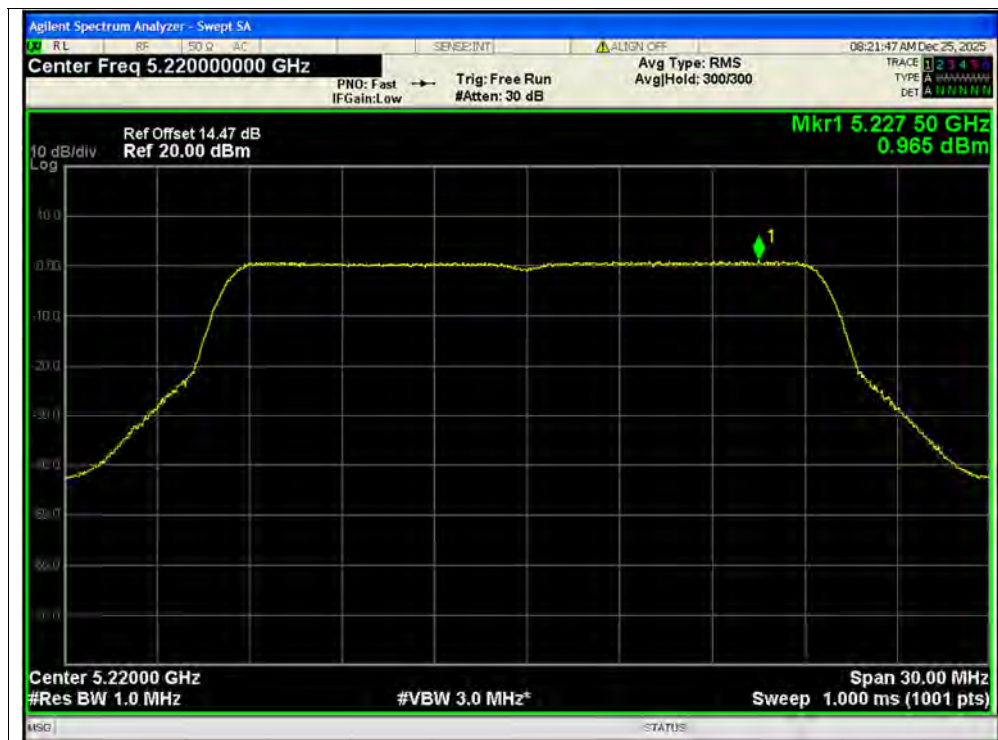
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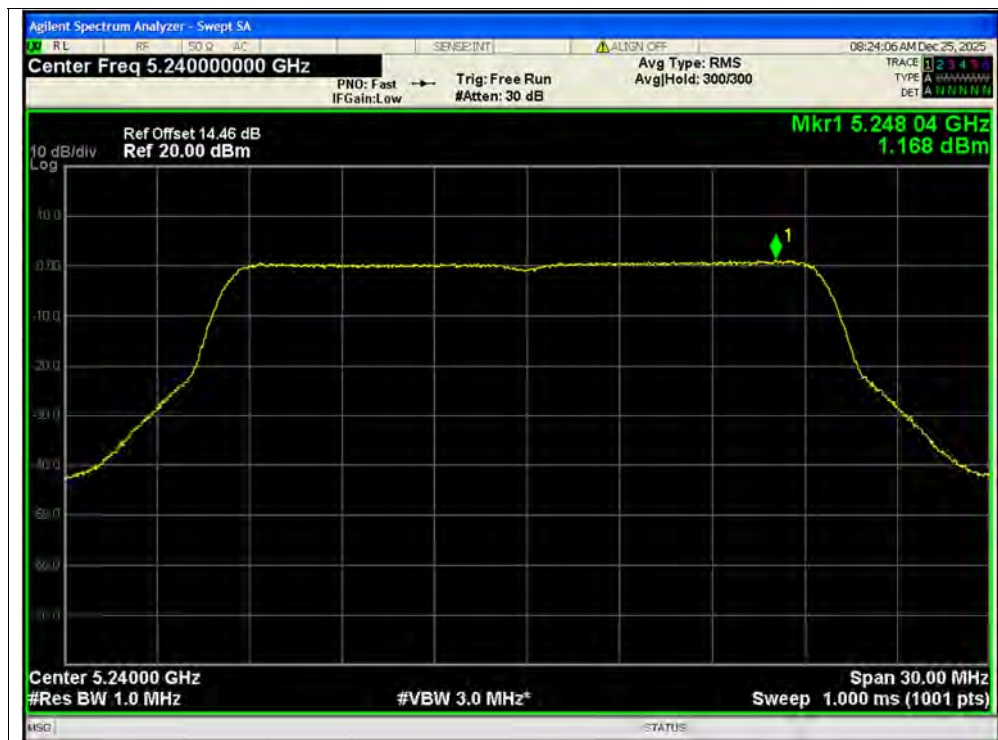
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PSD NVNT ax20 5220MHz Ant1 MIMO



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PSD NVNT ax20 5240MHz Ant1 MIMO



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PSD NVNT ax20 5745MHz Ant1 MIMO



PSD NVNT ax20 5745MHz Ant2 MIMO



PSD NVNT ax20 5785MHz Ant1 MIMO



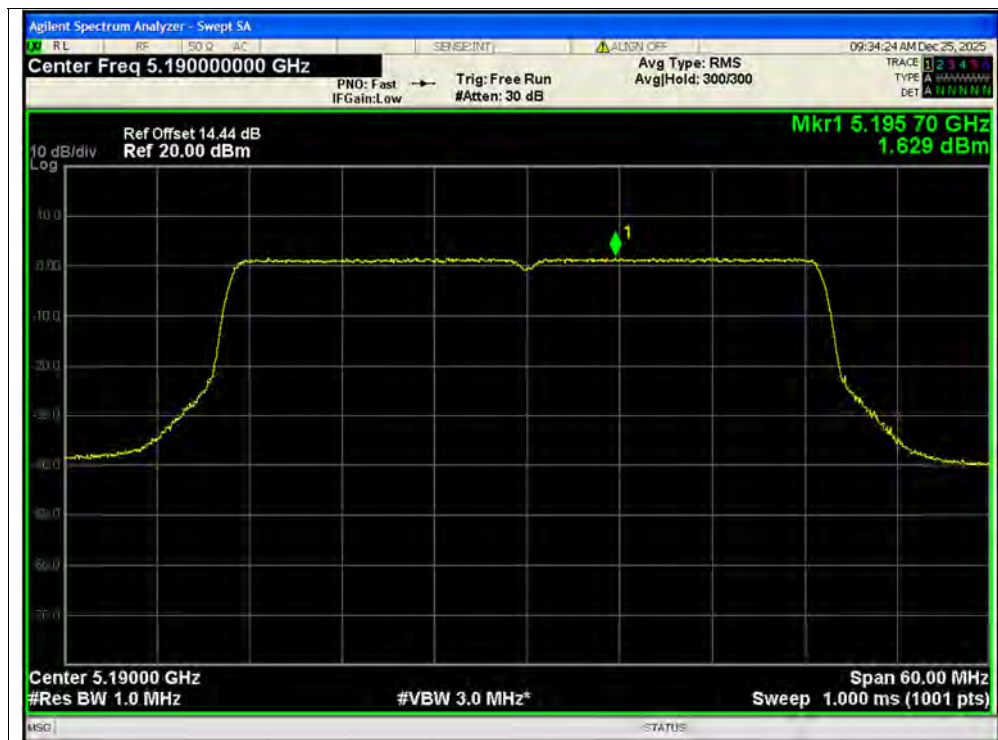
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PSD NVNT ax20 5825MHz Ant1 MIMO



PSD NVNT ax20 5825MHz Ant2 MIMO



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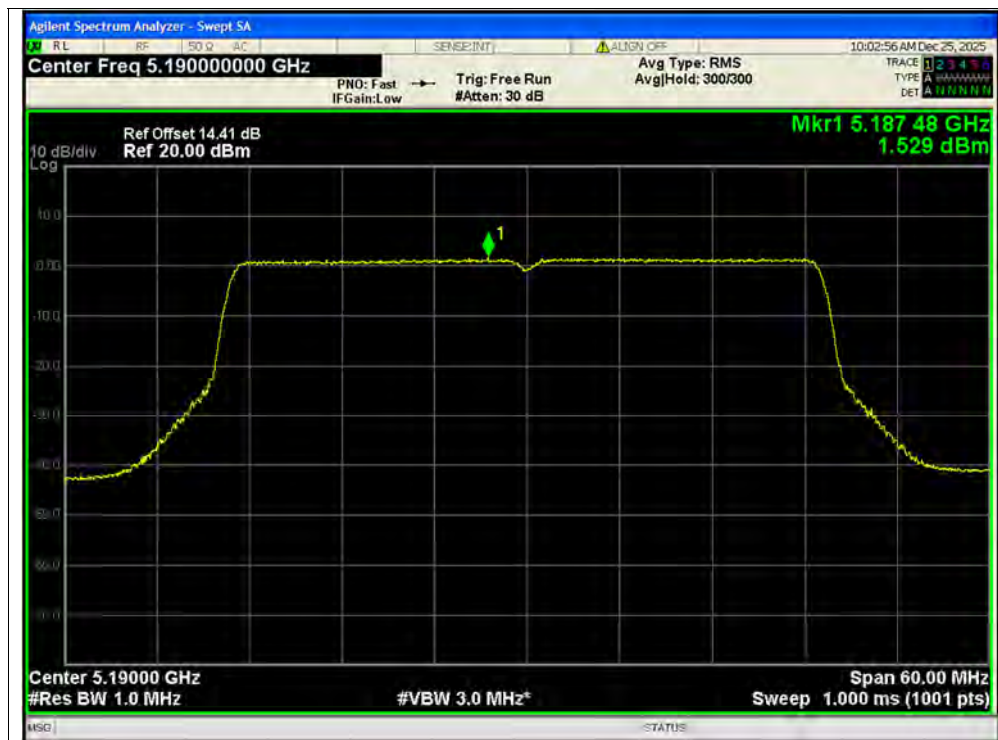
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PSD NVNT ax40 5755MHz Ant1 SISO



PSD NVNT ax40 5795MHz Ant1 SISO



PSD NVNT ax40 5190MHz Ant2 SISO



PSD NVNT ax40 5230MHz Ant2 SISO



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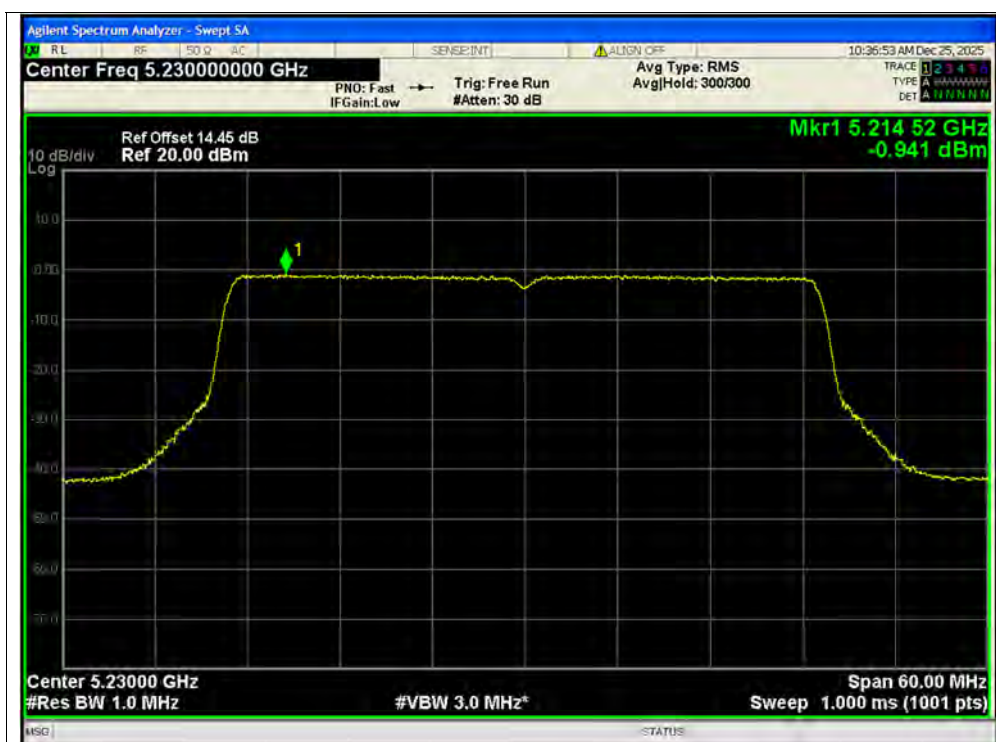
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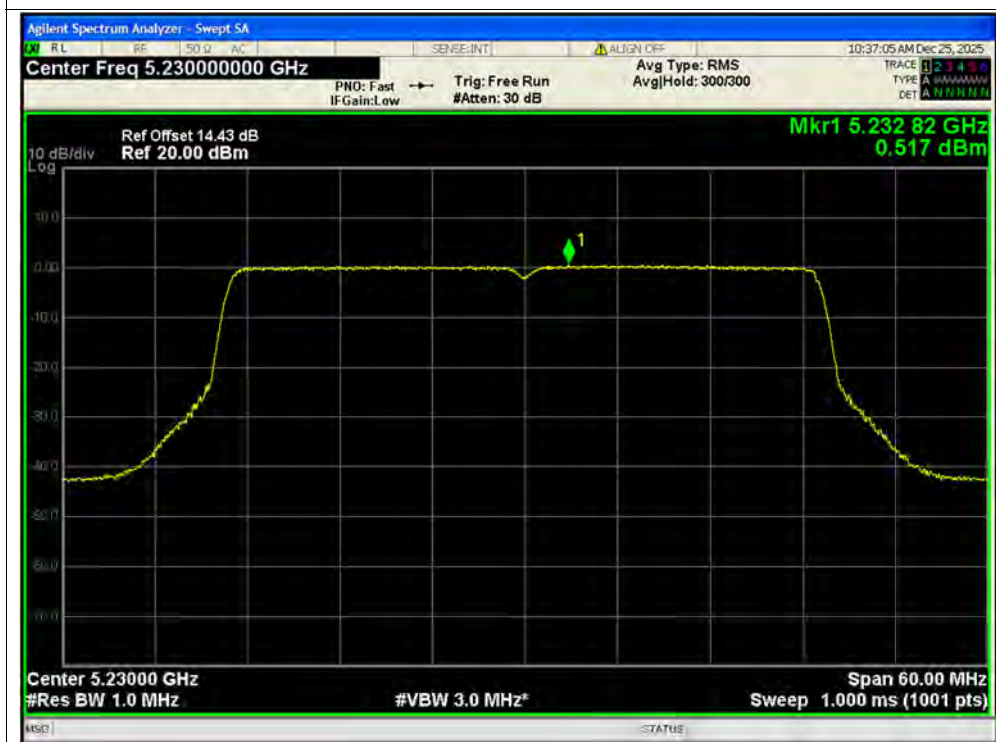
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PSD NVNT ax40 5190MHz Ant2 MIMO



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PSD NVNT ax40 5755MHz Ant1 MIMO



PSD NVNT ax40 5755MHz Ant2 MIMO



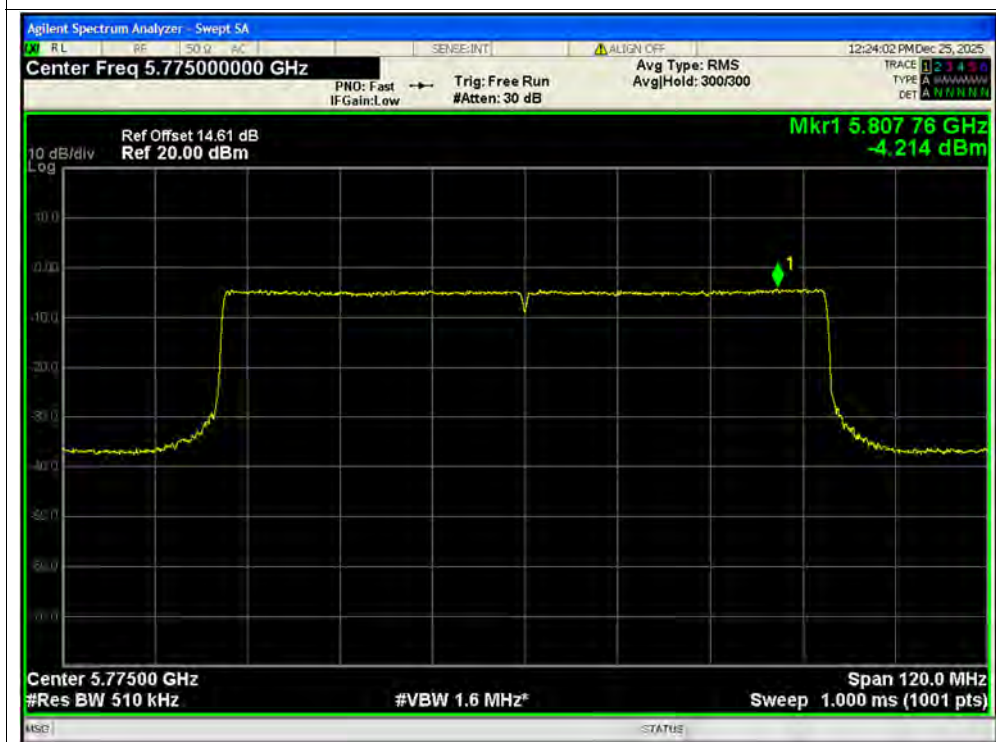
PSD NVNT ax40 5795MHz Ant1 MIMO



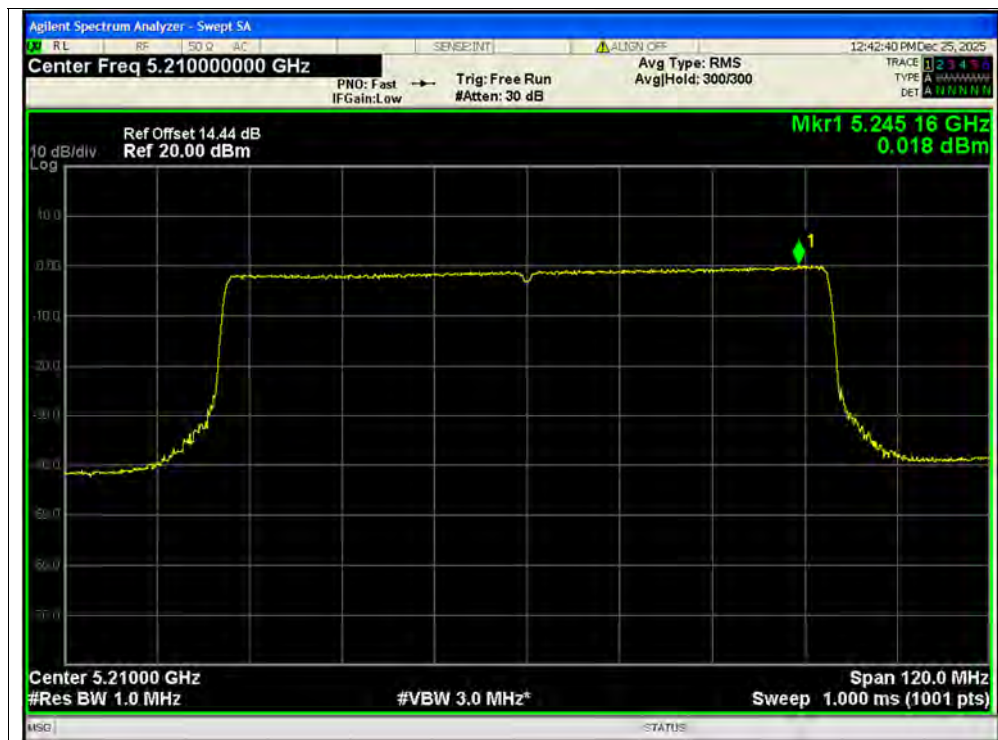
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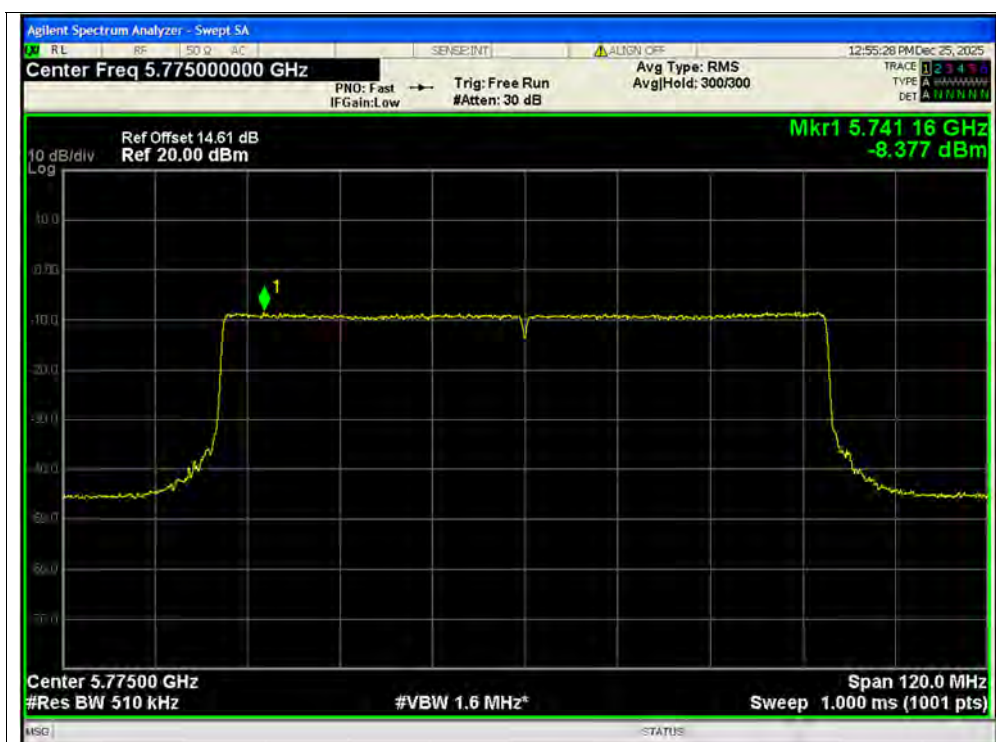
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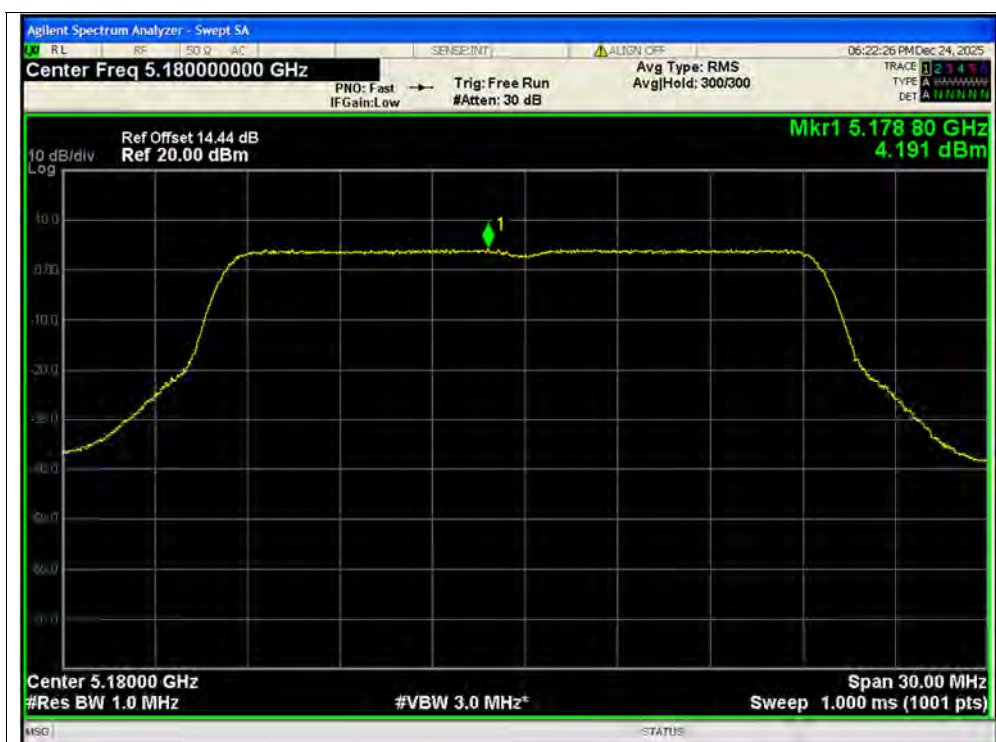
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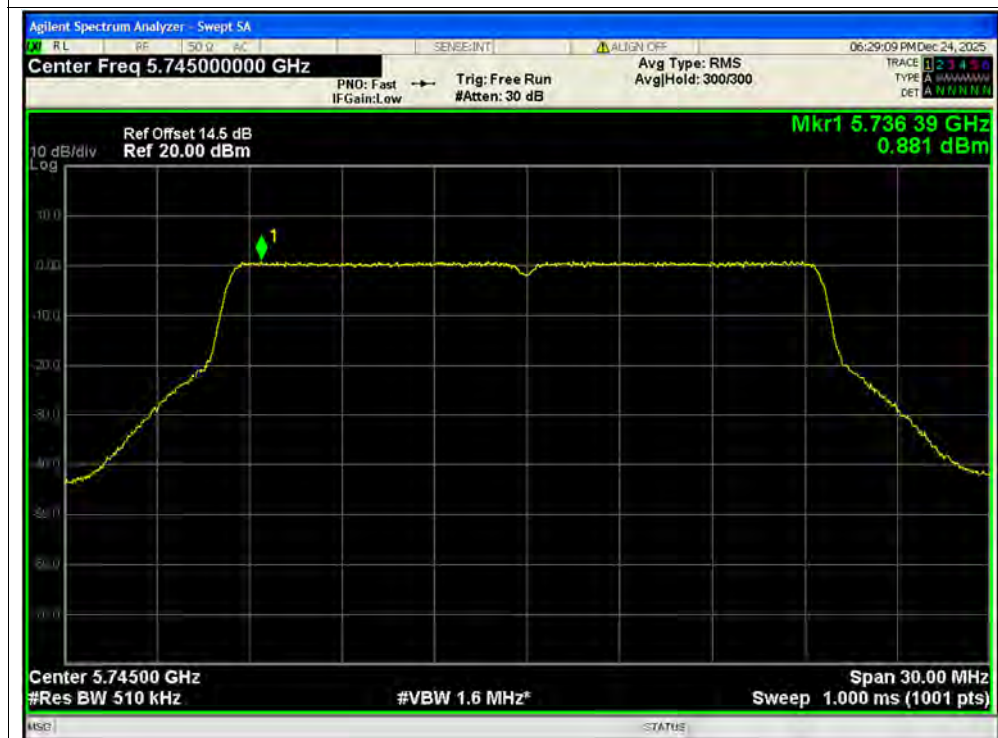
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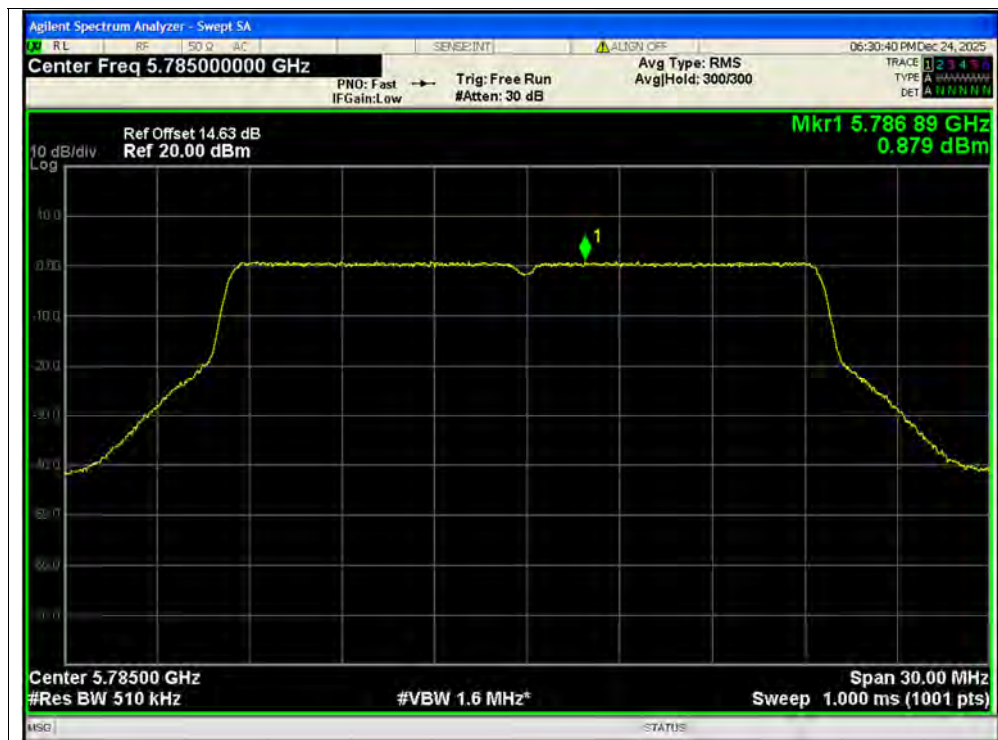
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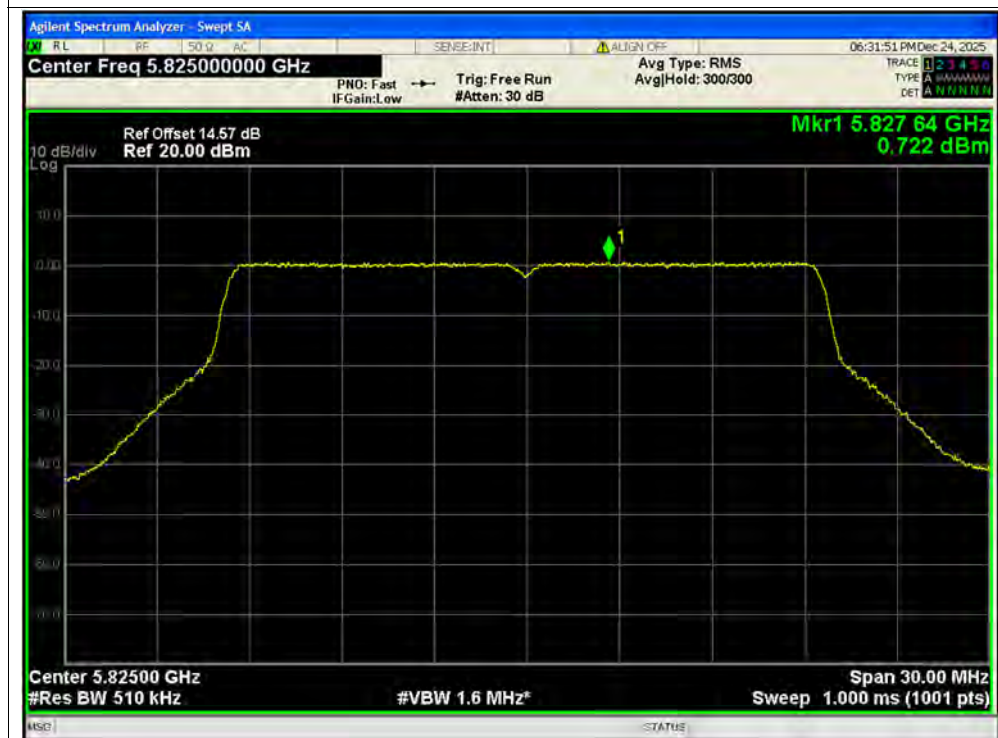
PSD NVNT be20 5240MHz Ant1 SISO



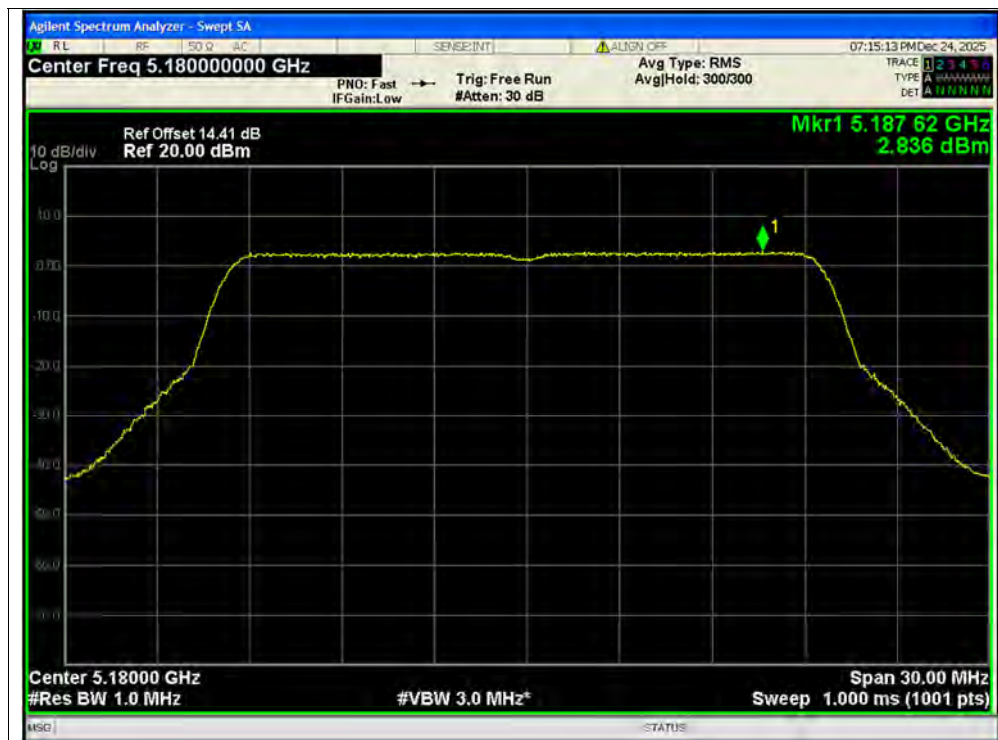
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PSD NVNT be20 5785MHz Ant1 SISO



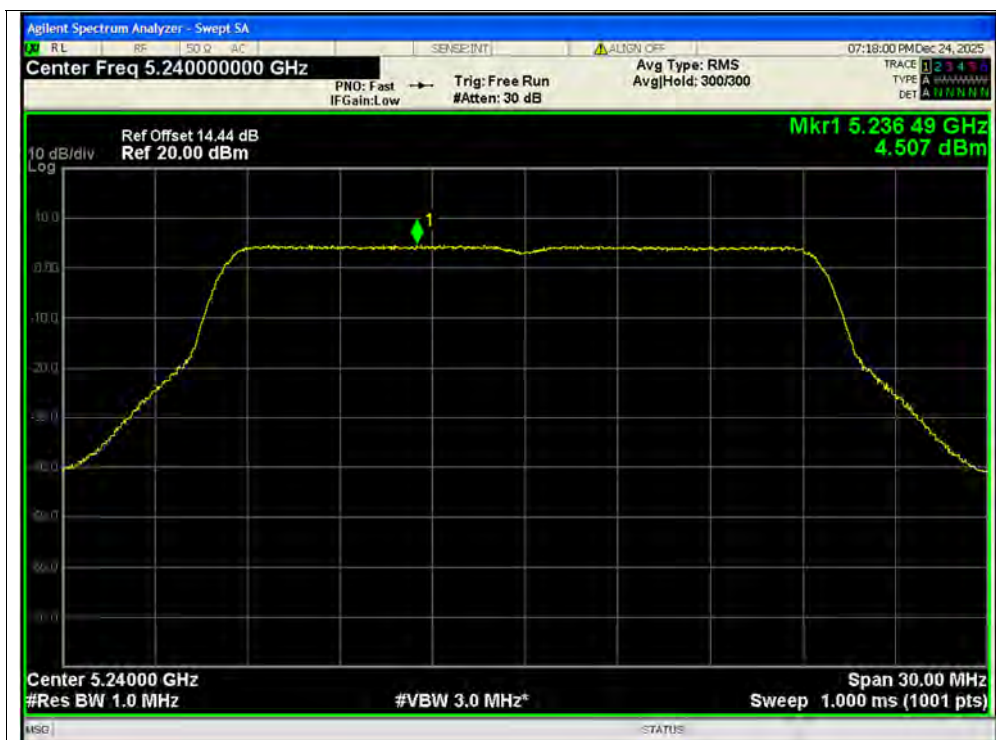
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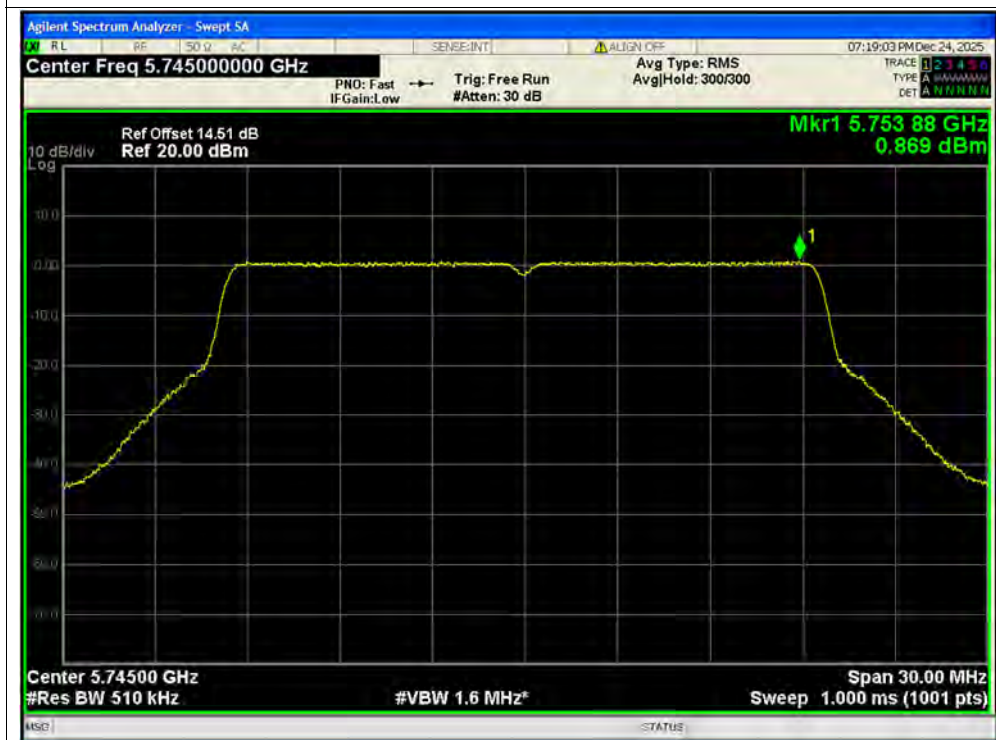
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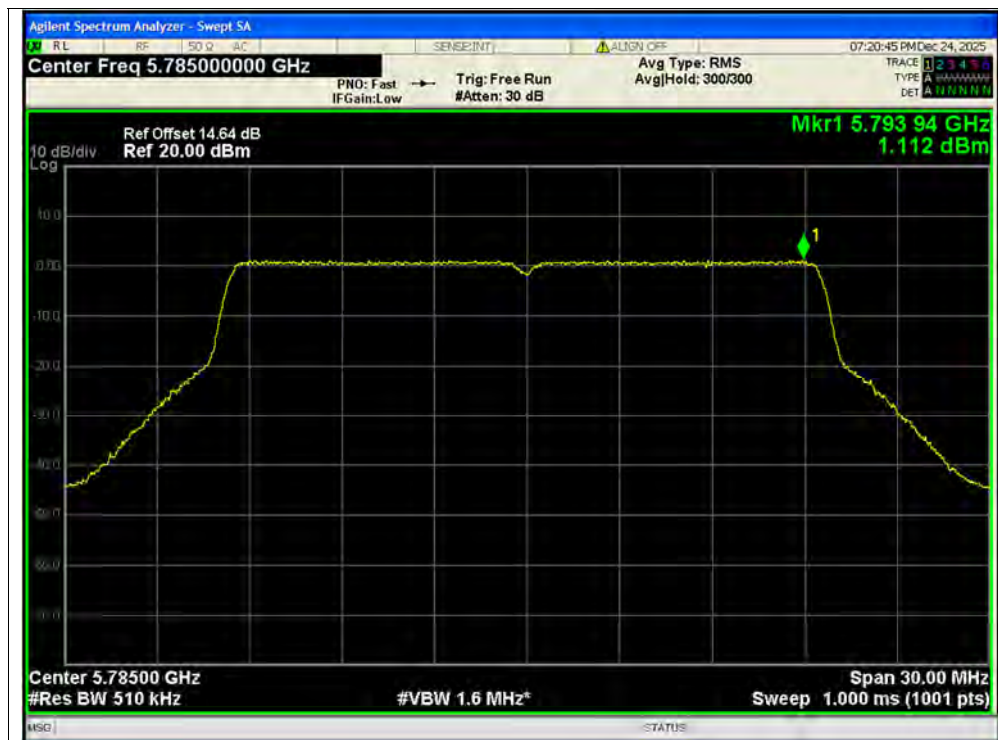
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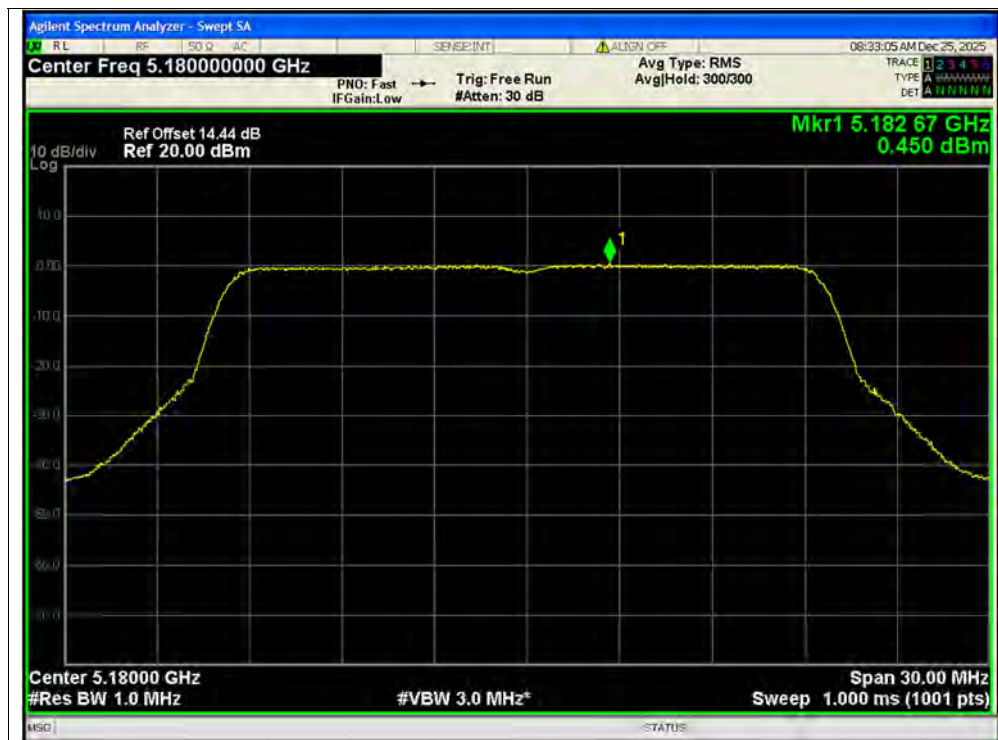
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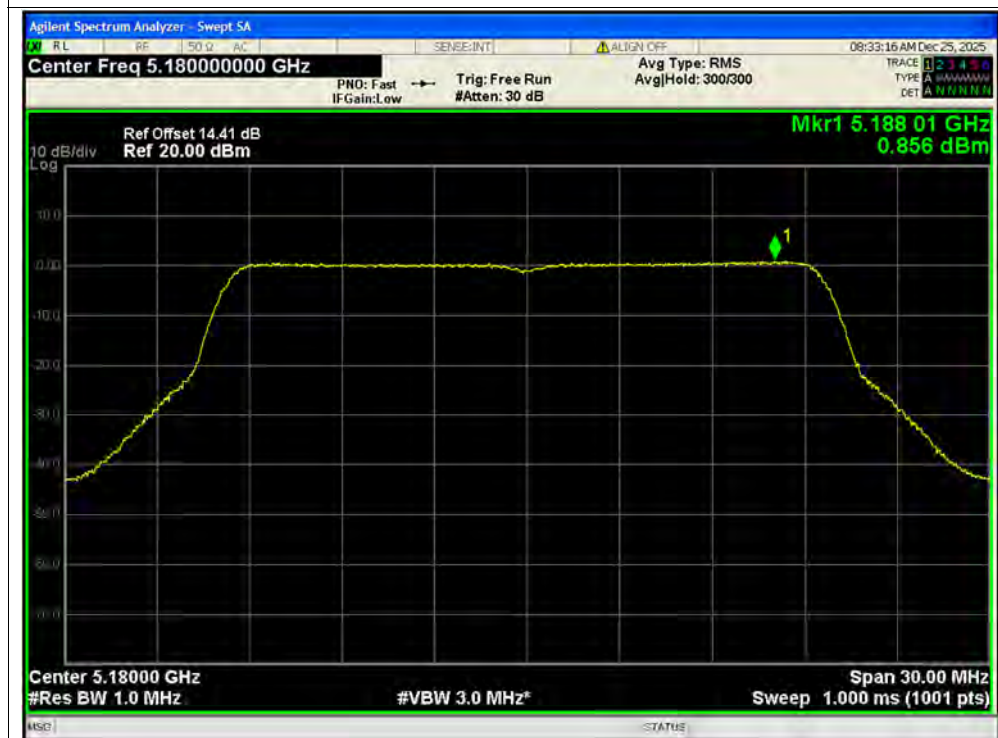
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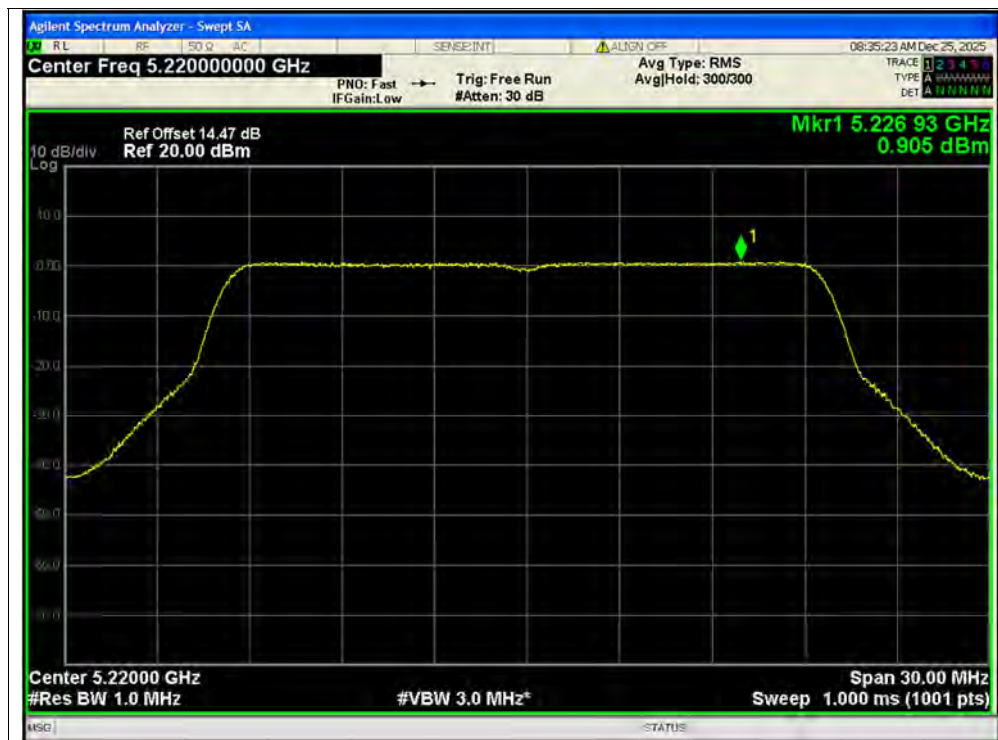
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PSD NVNT be20 5180MHz Ant1 MIMO



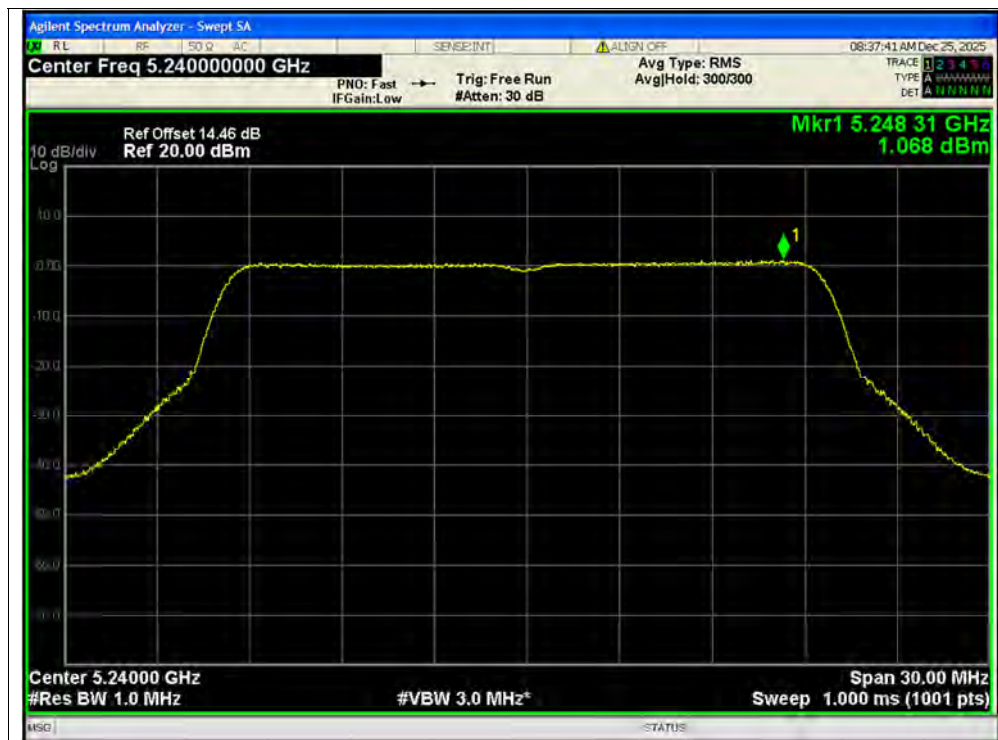
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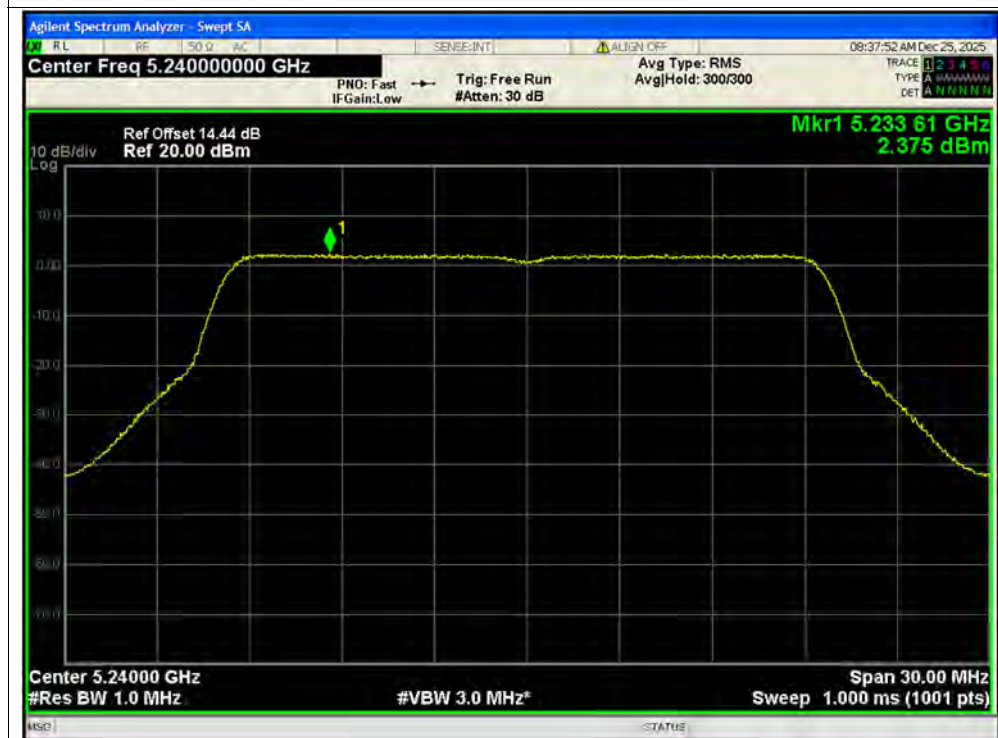
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PSD NVNT be20 5220MHz Ant2 MIMO



PSD NVNT be20 5240MHz Ant1 MIMO



PSD NVNT be20 5240MHz Ant2 MIMO



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PSD NVNT be20 5785MHz Ant1 MIMO



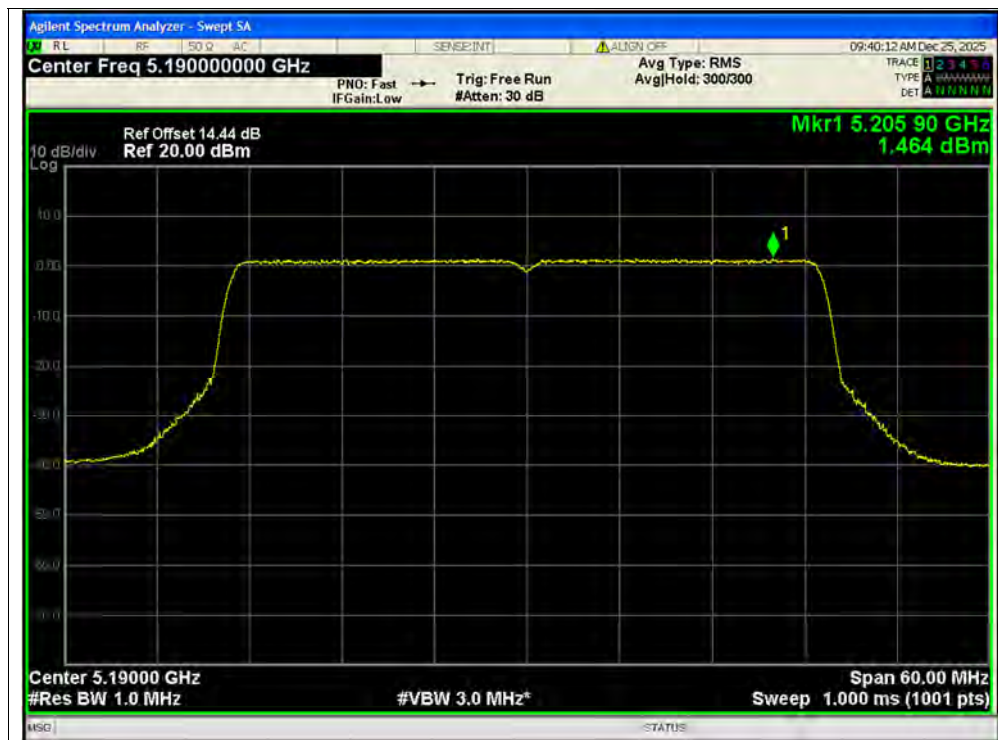
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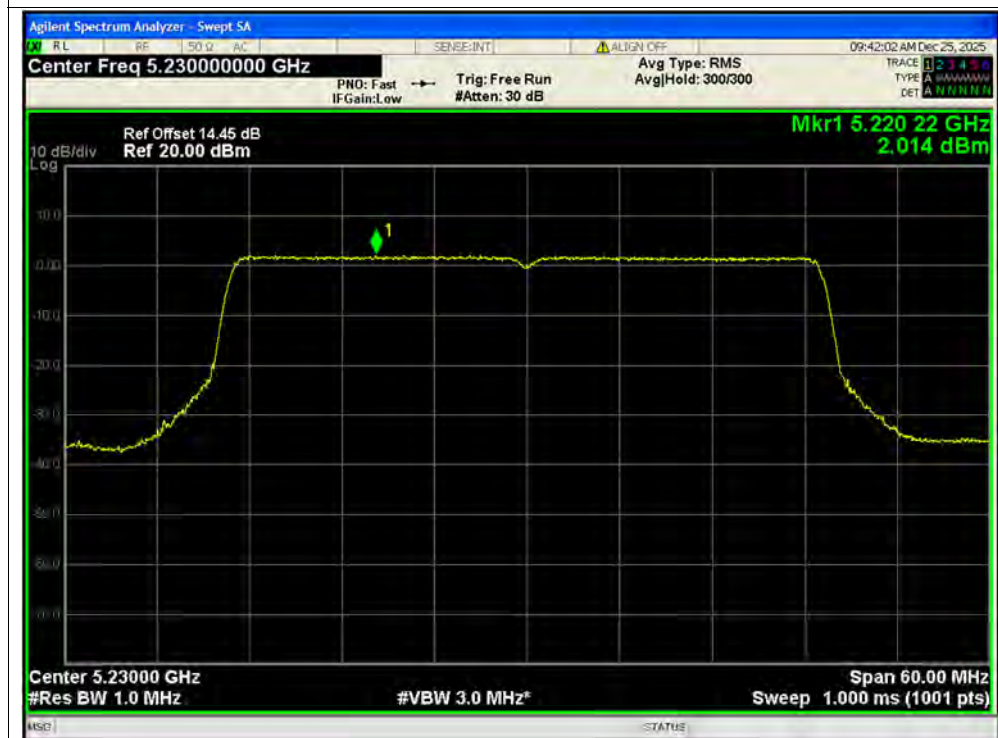
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PSD NVNT be20 5825MHz Ant2 MIMO



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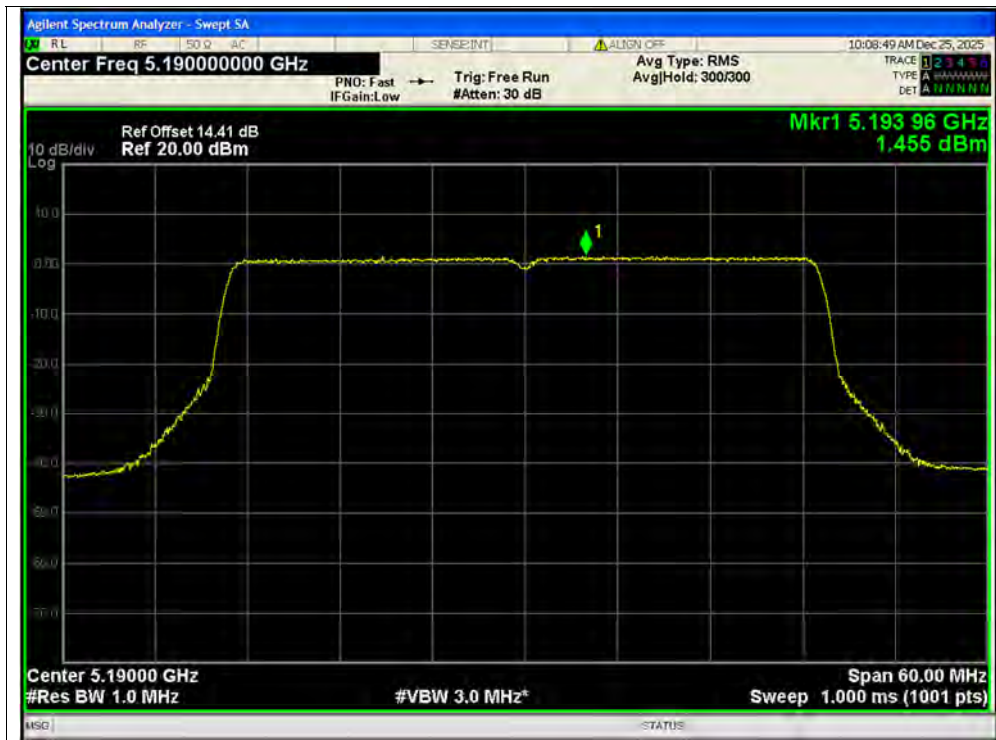
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PSD NVNT be40 5755MHz Ant1 SISO



PSD NVNT be40 5795MHz Ant1 SISO



PSD NVNT be40 5190MHz Ant2 SISO



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PSD NVNT be40 5755MHz Ant2 SISO



PSD NVNT be40 5795MHz Ant2 SISO



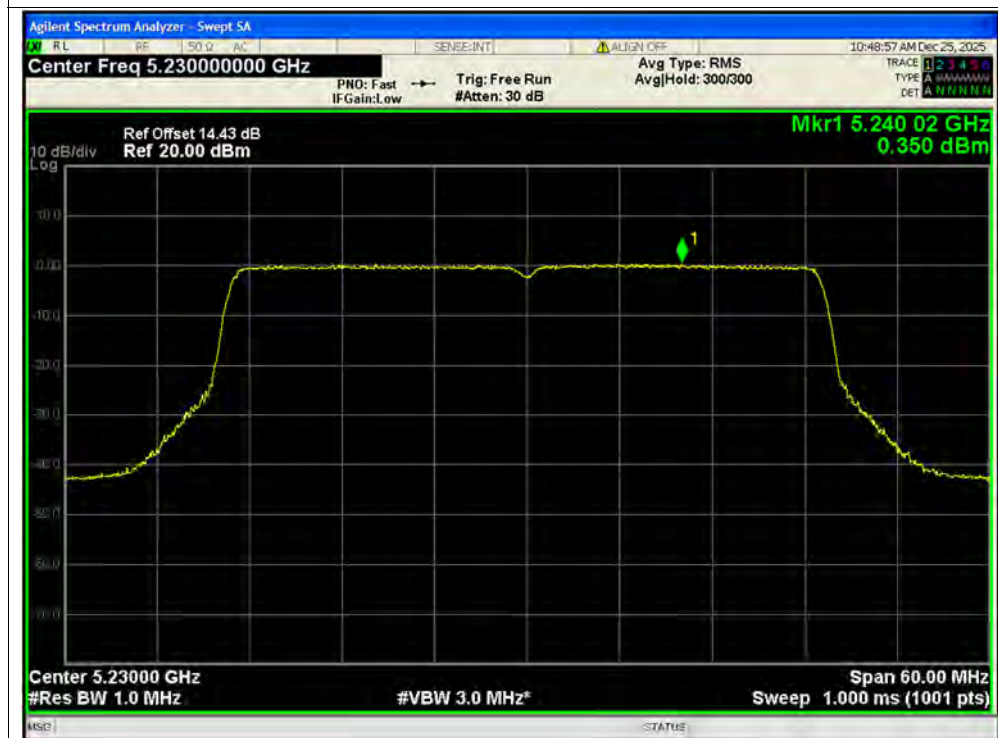
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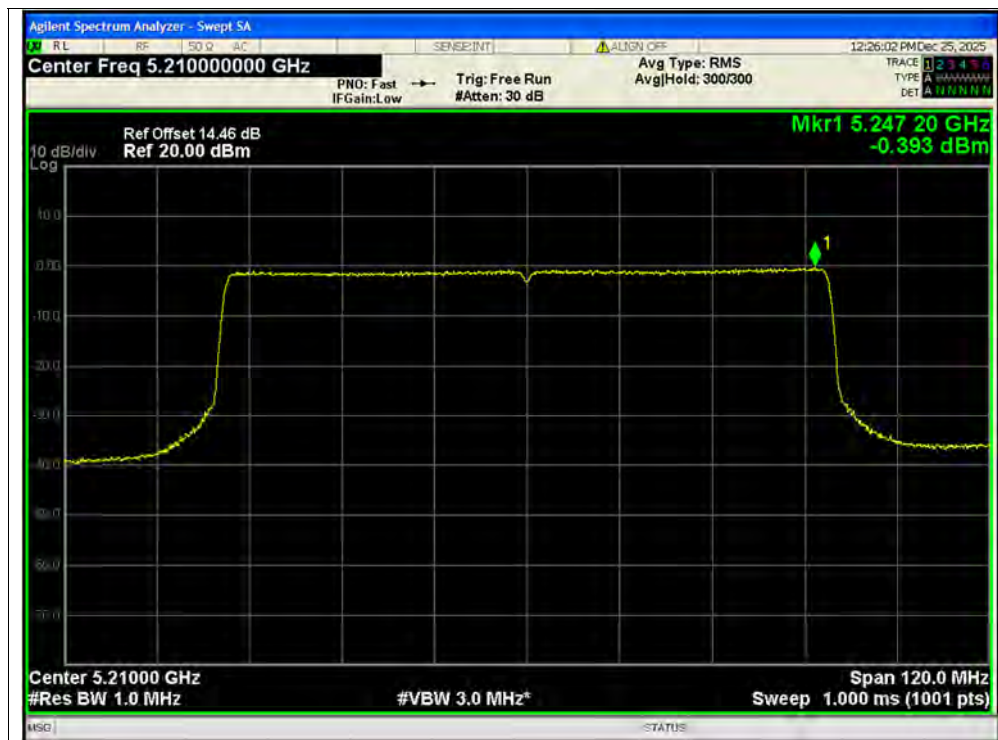
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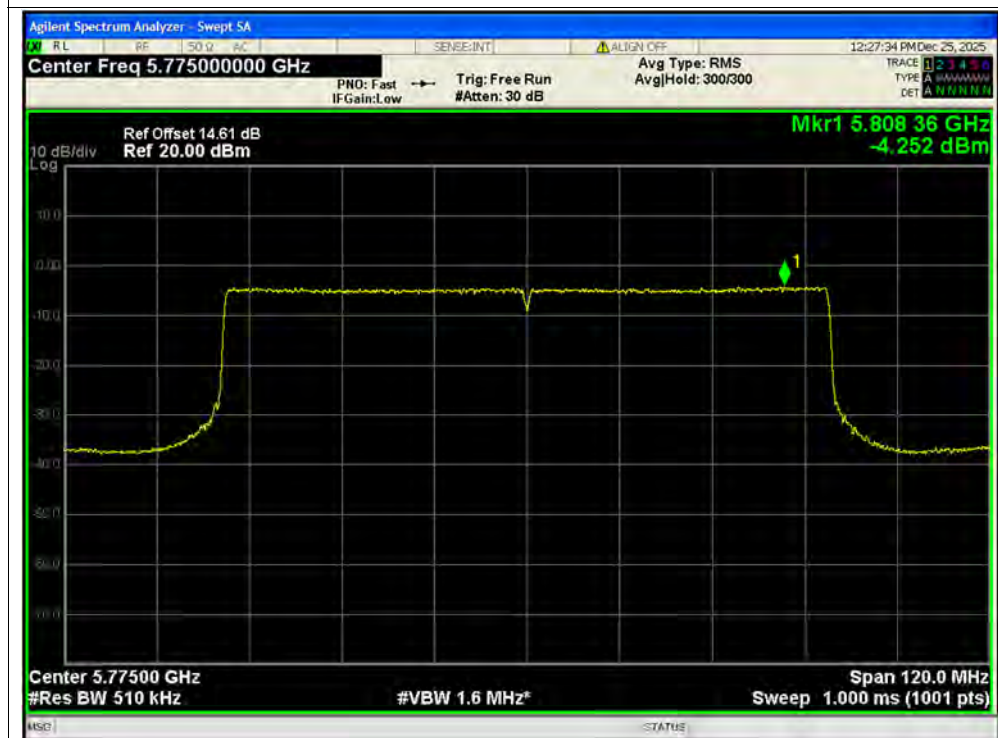
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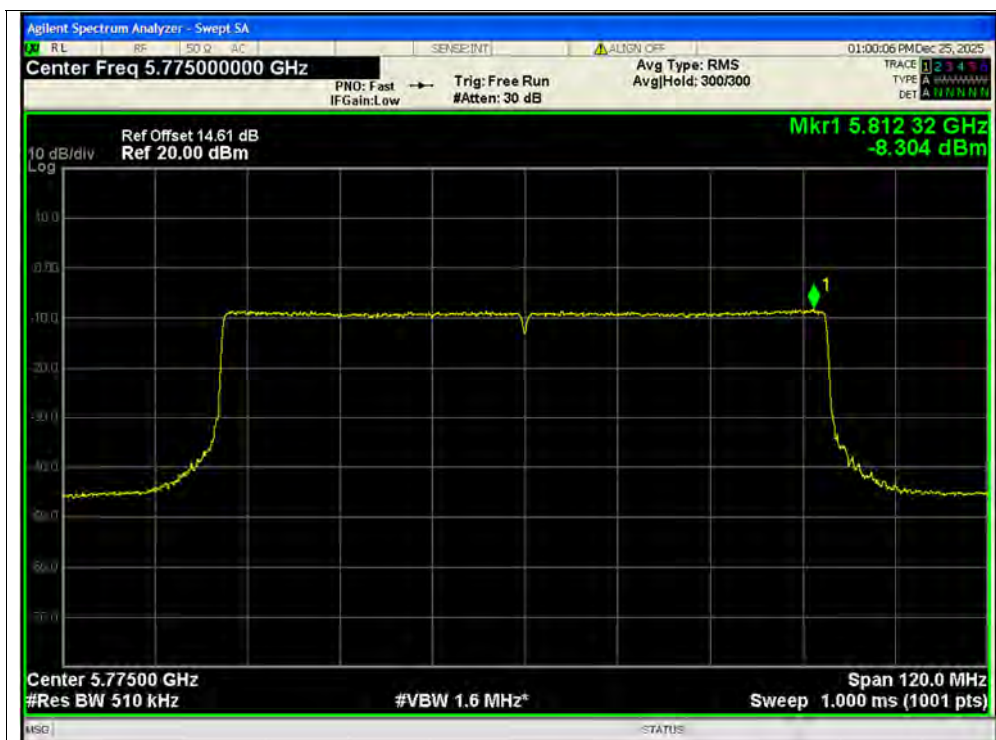
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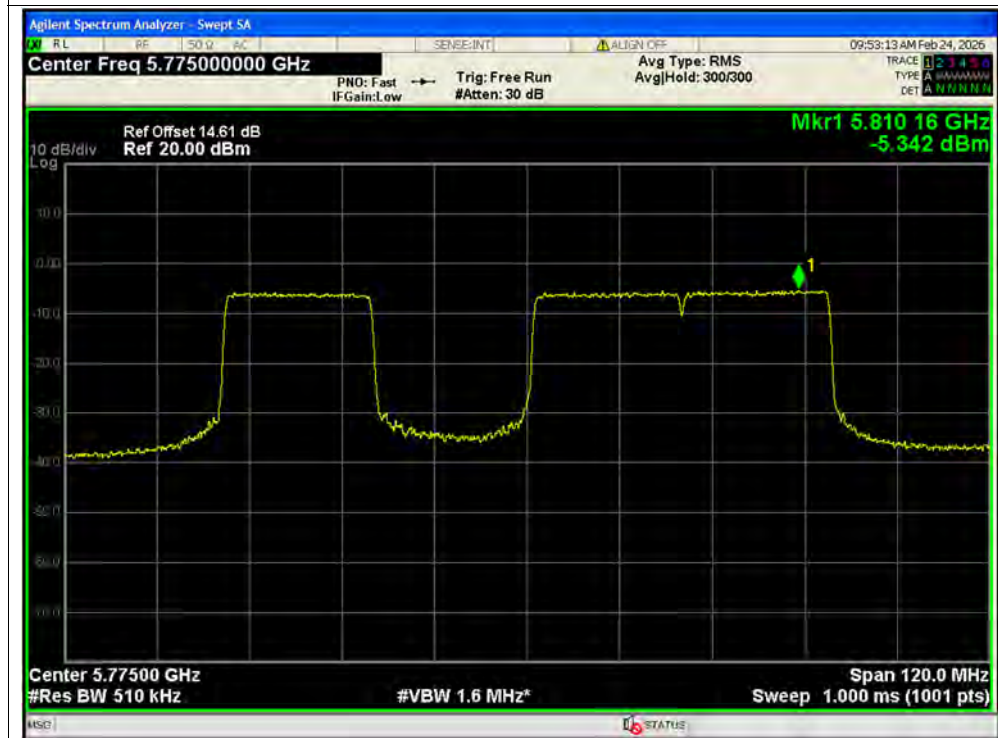
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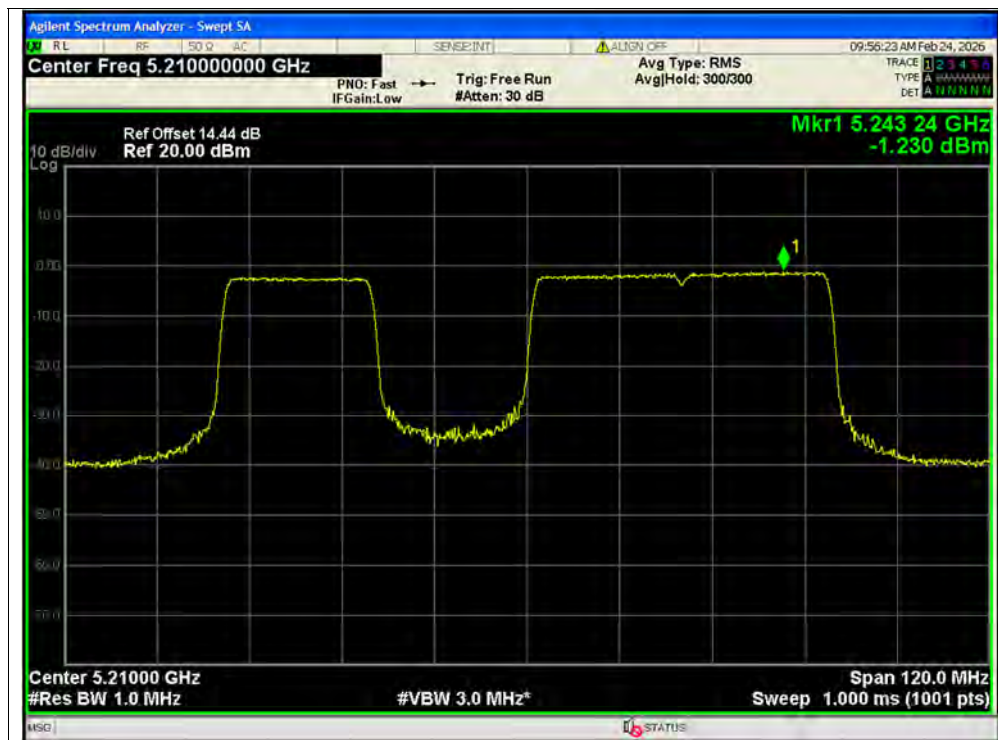
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PSD NVNT be80 puncturing 20 MRU2 5210MHz Ant1 SISO



PSD NVNT be80 puncturing 20 MRU2 5775MHz Ant1 SISO



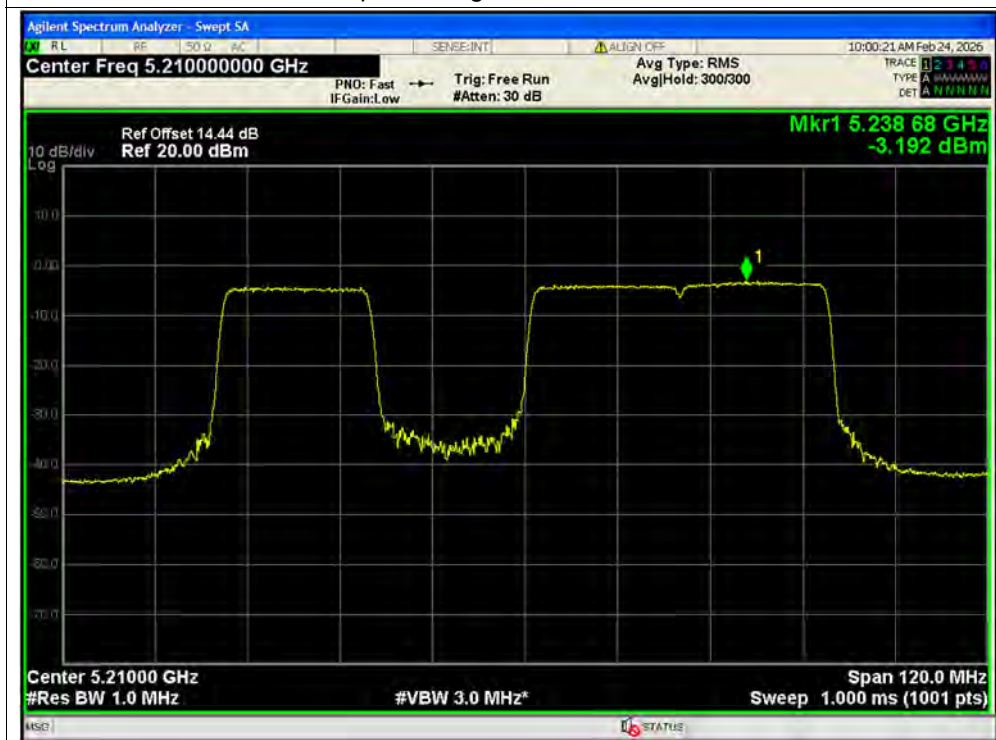
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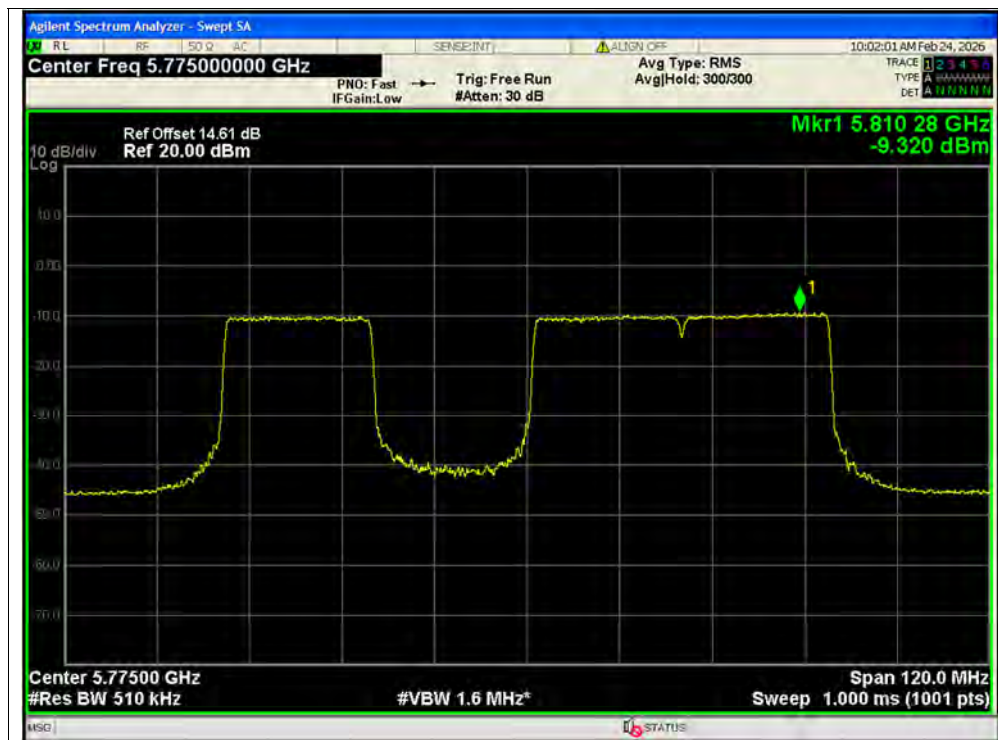
PSD NVNT be80 puncturing 20 MRU2 5775MHz Ant2 SISO



PSD NVNT be80 puncturing 20 MRU2 5210MHz Ant1 MIMO



PSD NVNT be80 puncturing 20 MRU2 5210MHz Ant2 MIMO



PSD NVNT be80 puncturing 20 MRU2 5775MHz Ant1 MIMO



PSD NVNT be80 puncturing 20 MRU2 5775MHz Ant2 MIMO

**A.5. Frequency Stability**

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 6V	CW	5180	Ant1	5180.016	16000	3.09	25	Pass
20C 7.2V	CW	5180	Ant1	5180.016	16000	3.09	25	Pass
20C 8V	CW	5180	Ant1	5180.016	16000	3.09	25	Pass
-20C 7.2V	CW	5180	Ant1	5180.016	16000	3.09	25	Pass
-10C 7.2V	CW	5180	Ant1	5180.015	15000	2.9	25	Pass
0C 7.2V	CW	5180	Ant1	5180.016	16000	3.09	25	Pass
10C 7.2V	CW	5180	Ant1	5180.016	16000	3.09	25	Pass
30C 7.2V	CW	5180	Ant1	5180.016	16000	3.09	25	Pass
40C 7.2V	CW	5180	Ant1	5180.016	16000	3.09	25	Pass
50C 7.2V	CW	5180	Ant1	5180.016	16000	3.09	25	Pass
60C 7.2V	CW	5180	Ant1	5180.015	15000	2.9	25	Pass
20C 6V	CW	5745	Ant1	5745.018	18000	3.13	25	Pass
20C 7.2V	CW	5745	Ant1	5745.017	17000	2.96	25	Pass
20C 8V	CW	5745	Ant1	5745.017	17000	2.96	25	Pass
-20C 7.2V	CW	5745	Ant1	5745.017	17000	2.96	25	Pass
-10C 7.2V	CW	5745	Ant1	5745.017	17000	2.96	25	Pass
0C 7.2V	CW	5745	Ant1	5745.018	18000	3.13	25	Pass
10C 7.2V	CW	5745	Ant1	5745.018	18000	3.13	25	Pass
30C 7.2V	CW	5745	Ant1	5745.017	17000	2.96	25	Pass
40C 7.2V	CW	5745	Ant1	5745.018	18000	3.13	25	Pass
50C 7.2V	CW	5745	Ant1	5745.018	18000	3.13	25	Pass
60C 7.2V	CW	5745	Ant1	5745.017	17000	2.96	25	Pass



A.6. 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+Notebook+Notebook adapter+USB cable+WIFI TX

Test voltage: AC 120V/60Hz

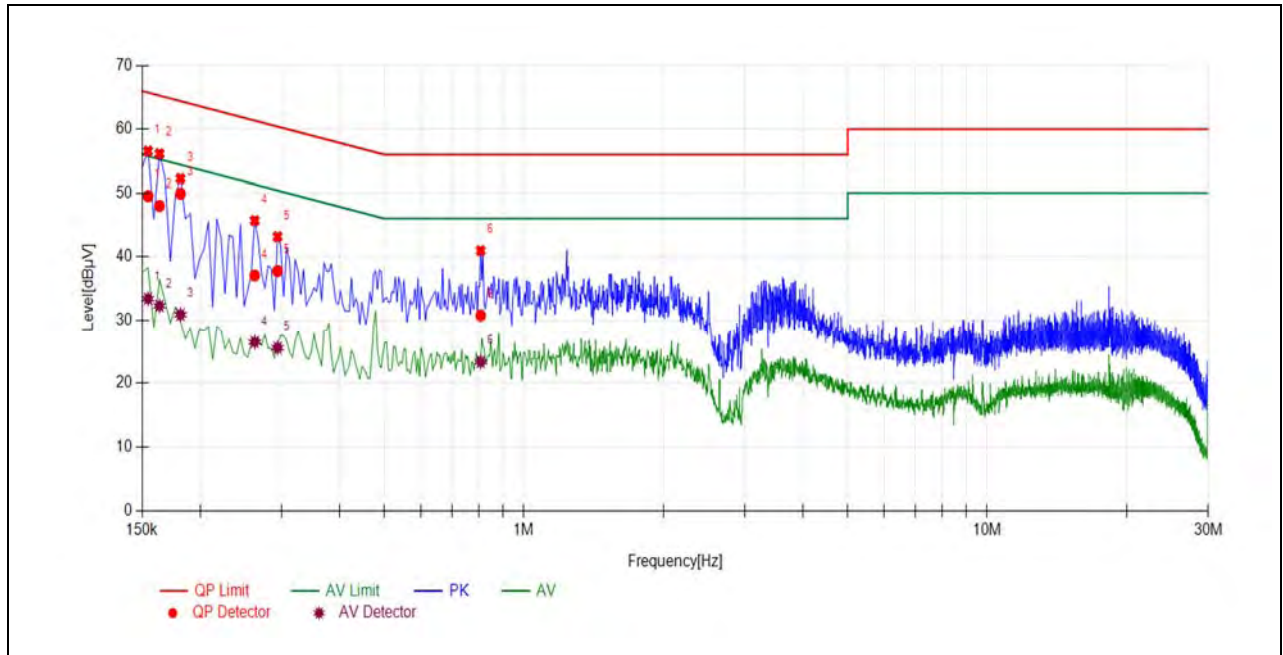
The measurement results are obtained as below:

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

U_R : Receiver Reading

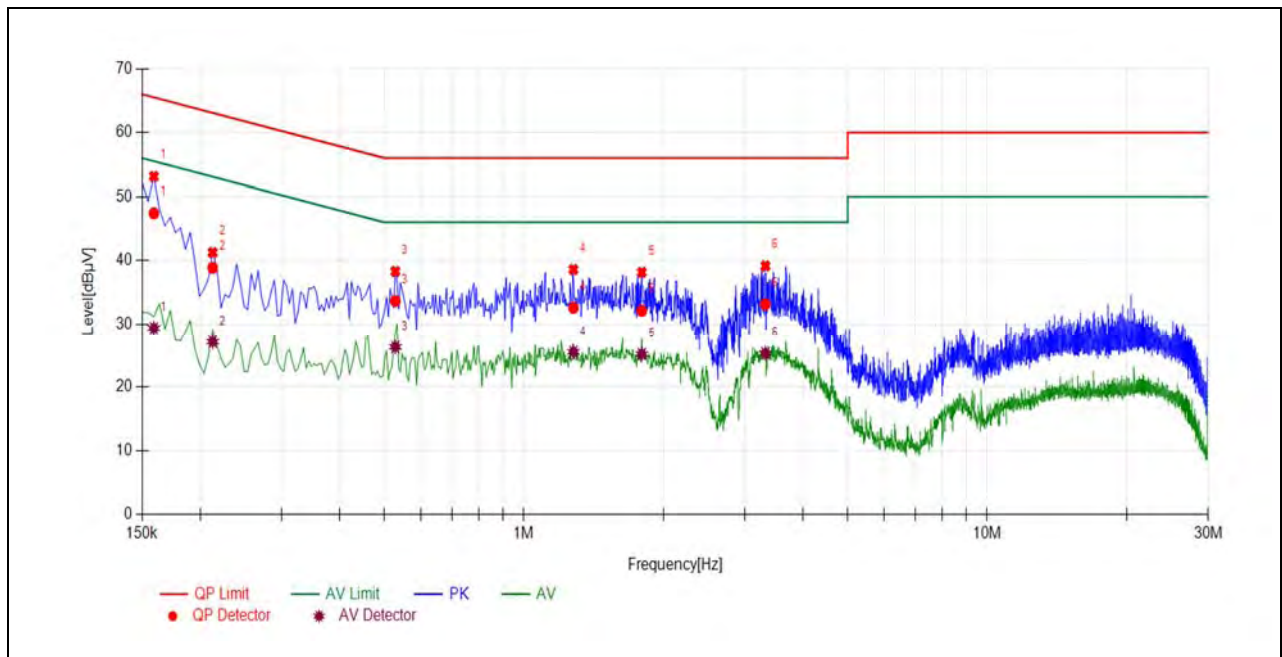
A_{Factor} : Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1545	49.53	33.39	65.75	55.75	Line	PASS
2	0.1635	48.00	32.27	65.28	55.28		PASS
3	0.1815	49.90	30.86	64.42	54.42		PASS
4	0.2625	37.04	26.44	61.35	51.35		PASS
5	0.2940	37.74	25.54	60.41	50.41		PASS
6	0.8070	30.74	23.31	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1590	47.42	29.37	65.52	55.52	Neutral	PASS
2	0.2130	38.86	27.13	63.09	53.09		PASS
3	0.5280	33.65	26.29	56.00	46.00		PASS
4	1.2795	32.58	25.53	56.00	46.00		PASS
5	1.7969	32.11	25.18	56.00	46.00		PASS
6	3.3223	33.13	25.30	56.00	46.00		PASS

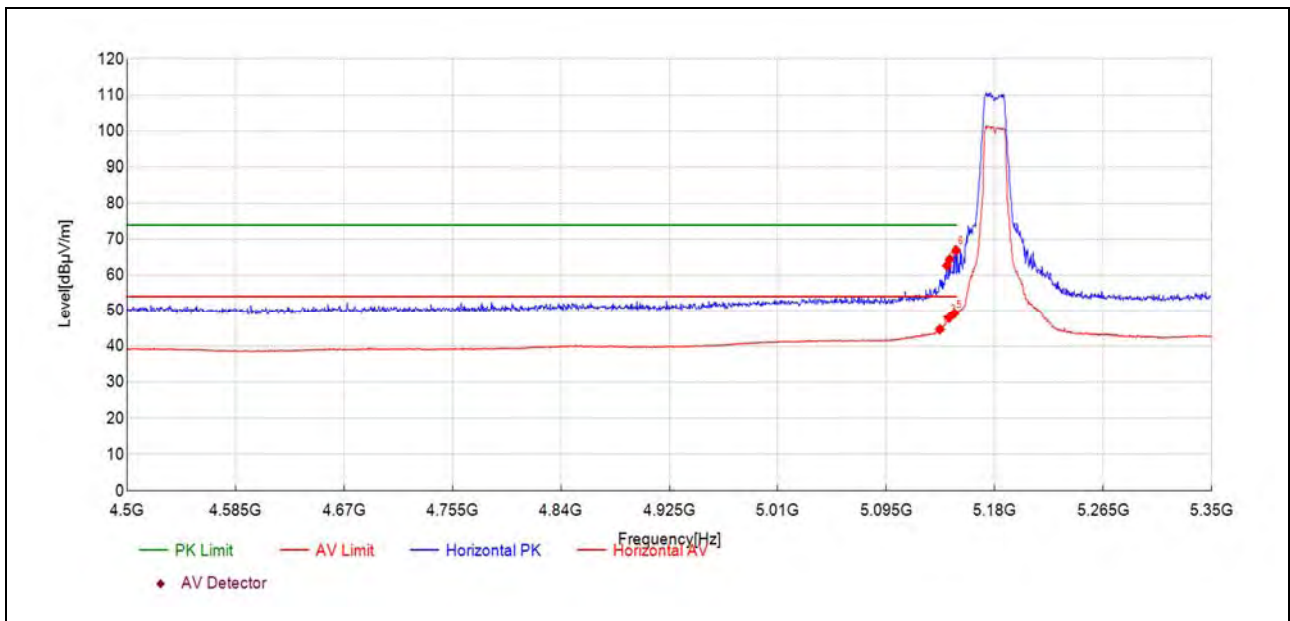
A.7. Restricted Frequency Bands

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.

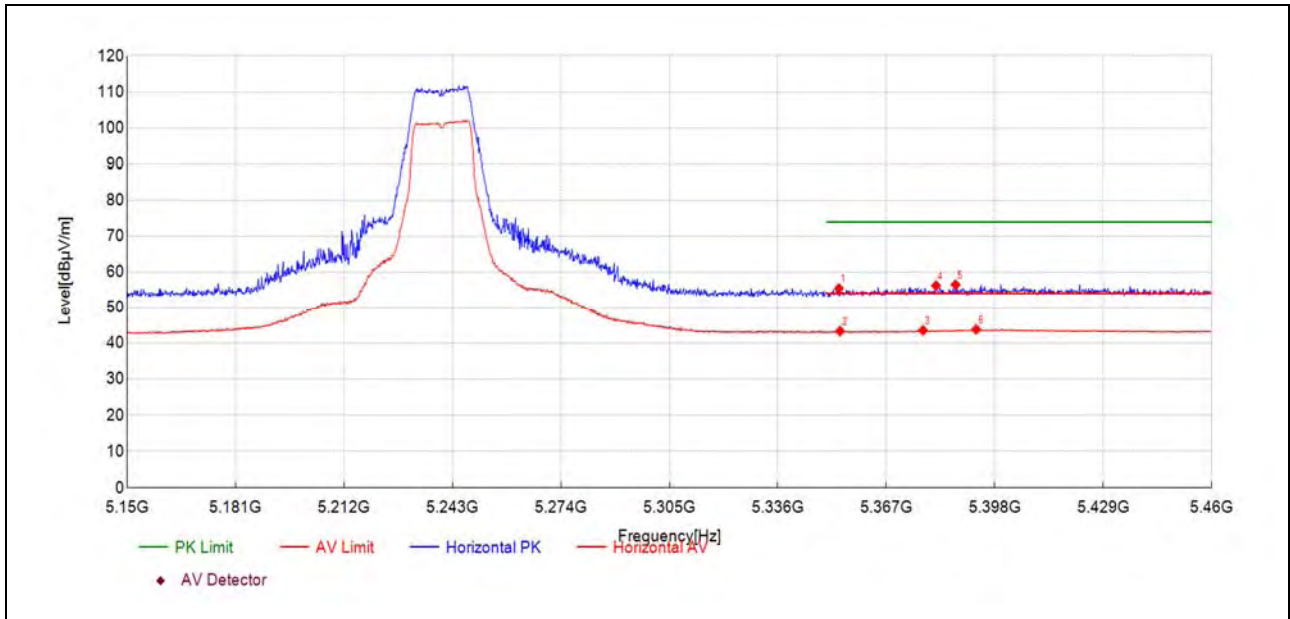
802.11a Mode

Plot for Channel 36



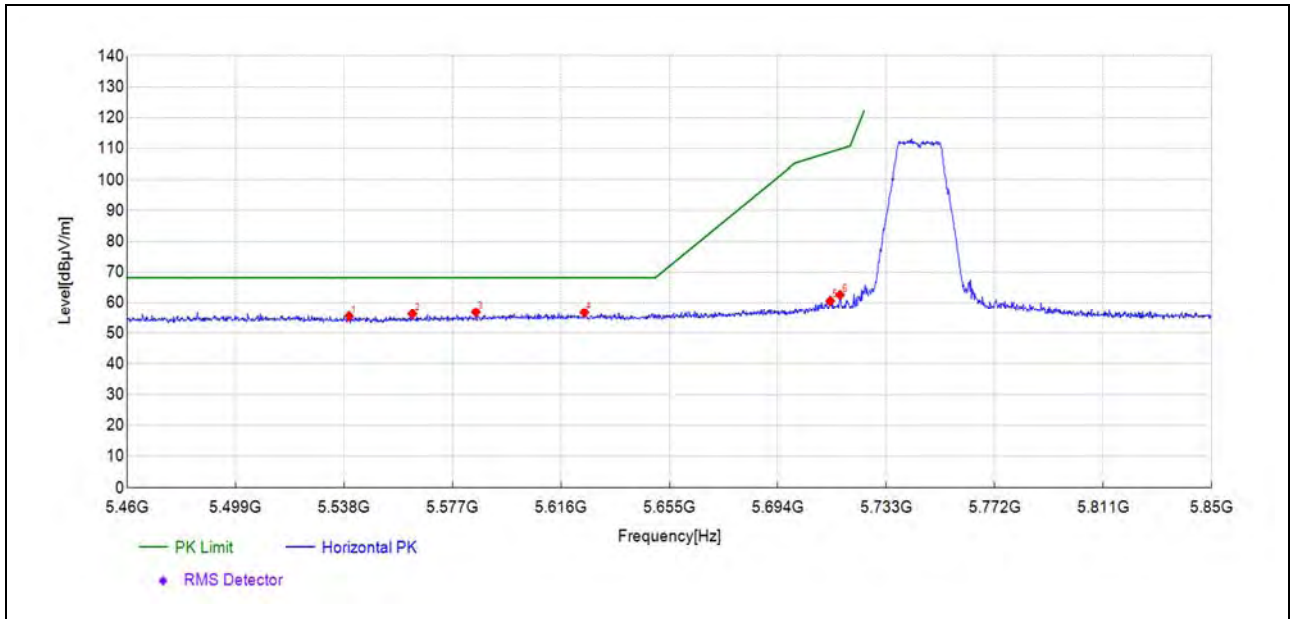
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5136.97	30.4	44.71	14.360	54.00	9.29	133	AV	Horizontal	PASS
5142.50	48.2	62.69	14.450	74.00	11.31	133	PK	Horizontal	PASS
5144.20	33.5	47.95	14.490	54.00	6.05	133	AV	Horizontal	PASS
5144.62	49.9	64.41	14.490	74.00	9.59	208	PK	Horizontal	PASS
5148.45	34.7	49.24	14.560	54.00	4.76	133	AV	Horizontal	PASS
5149.72	52.3	66.91	14.590	74.00	7.09	44	PK	Horizontal	PASS

Plot for Channel 48



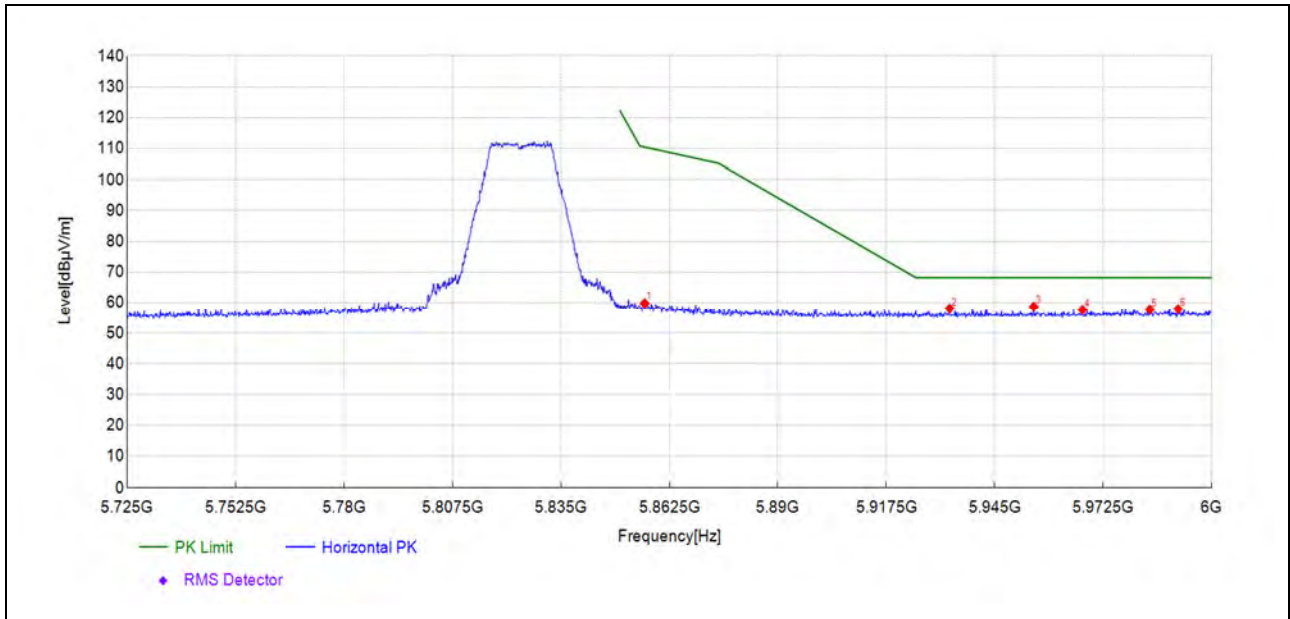
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5353.46	40.4	55.45	15.030	74.00	18.55	76	PK	Horizontal	PASS
5353.77	28.3	43.33	15.030	54.00	10.67	142	AV	Horizontal	PASS
5377.50	28.2	43.55	15.360	54.00	10.45	138	AV	Horizontal	PASS
5381.22	40.8	56.23	15.420	74.00	17.77	147	PK	Horizontal	PASS
5386.80	41.0	56.49	15.500	74.00	17.51	152	PK	Horizontal	PASS
5392.70	28.3	43.83	15.580	54.00	10.17	175	AV	Horizontal	PASS

Plot for Channel 149



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5539.79	40.4	55.42	15.000	68.23	12.81	73	PK	Horizontal	PASS
5562.62	41.0	56.19	15.180	68.23	12.04	254	PK	Horizontal	PASS
5585.45	41.1	56.75	15.630	68.23	11.48	102	PK	Horizontal	PASS
5624.47	40.8	56.65	15.860	68.23	11.58	250	PK	Horizontal	PASS
5712.85	44.4	60.64	16.220	108.83	48.19	194	PK	Horizontal	PASS
5716.36	46.4	62.61	16.230	109.81	47.20	194	PK	Horizontal	PASS

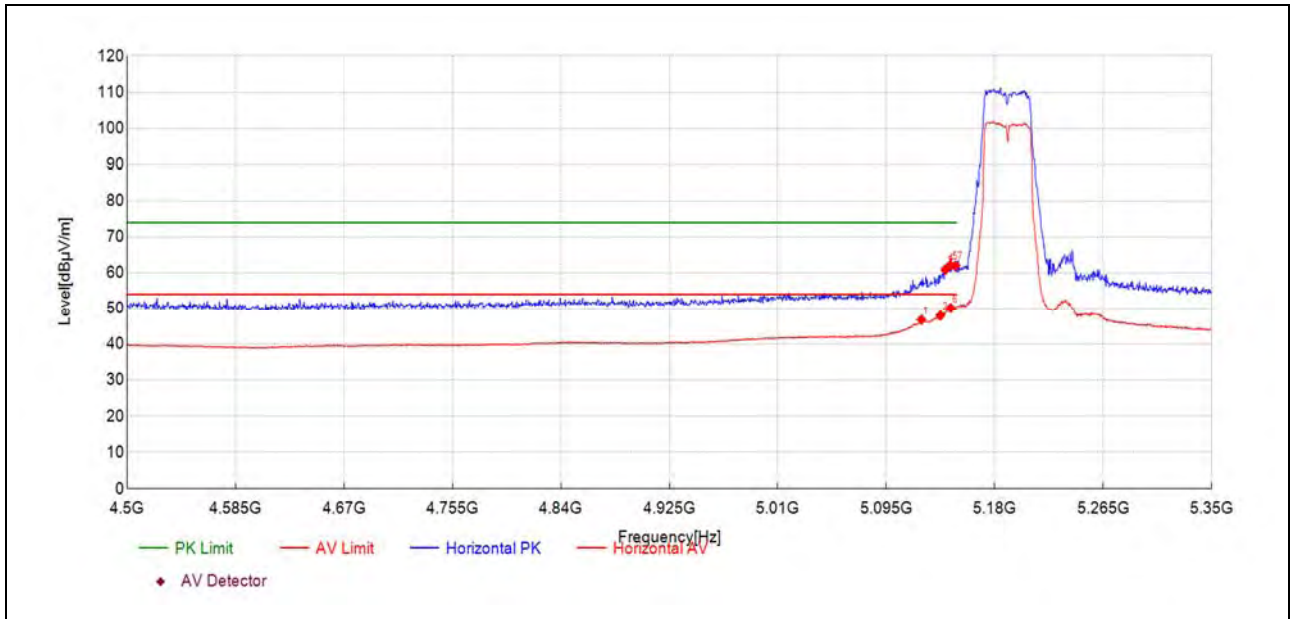
Plot for Channel 165



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5856.24	43.8	59.80	15.990	110.48	50.68	173	PK	Horizontal	PASS
5933.55	41.6	58.03	16.420	68.23	10.20	190	PK	Horizontal	PASS
5954.88	42.1	58.68	16.610	68.23	9.55	136	PK	Horizontal	PASS
5967.26	40.9	57.64	16.750	68.23	10.59	3	PK	Horizontal	PASS
5984.32	40.8	57.72	16.960	68.23	10.51	206	PK	Horizontal	PASS
5991.47	40.8	57.87	17.040	68.23	10.36	190	PK	Horizontal	PASS

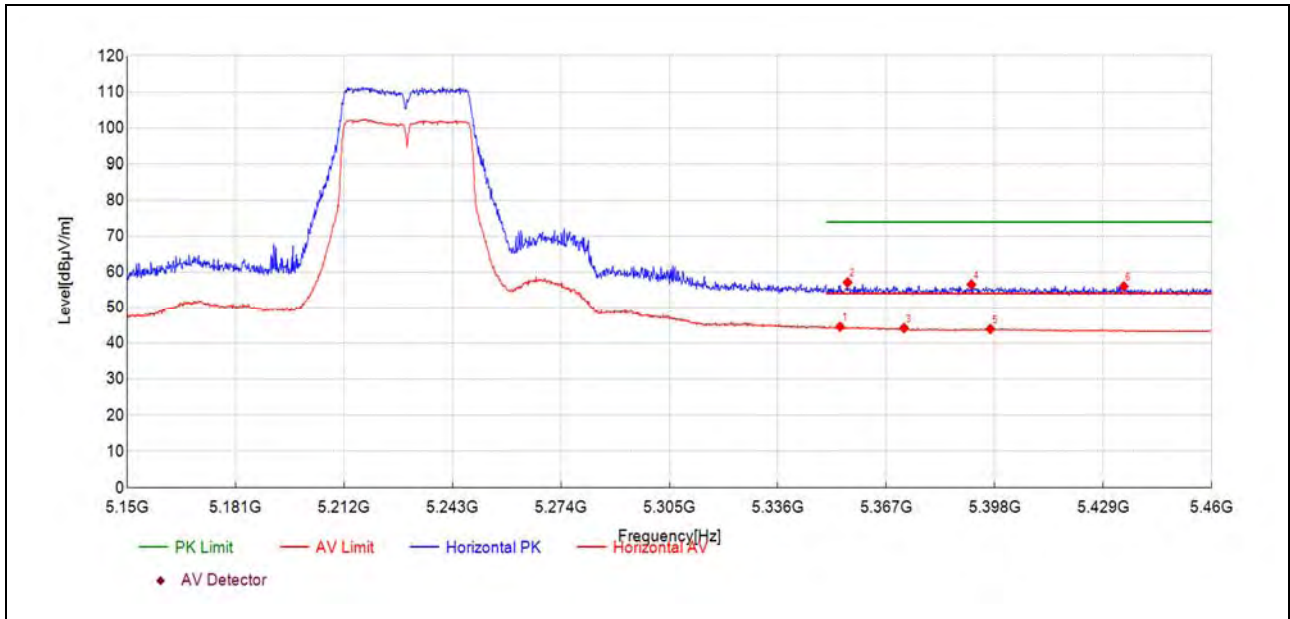
**802.11n (HT40) Mode**

Plot for Channel 38



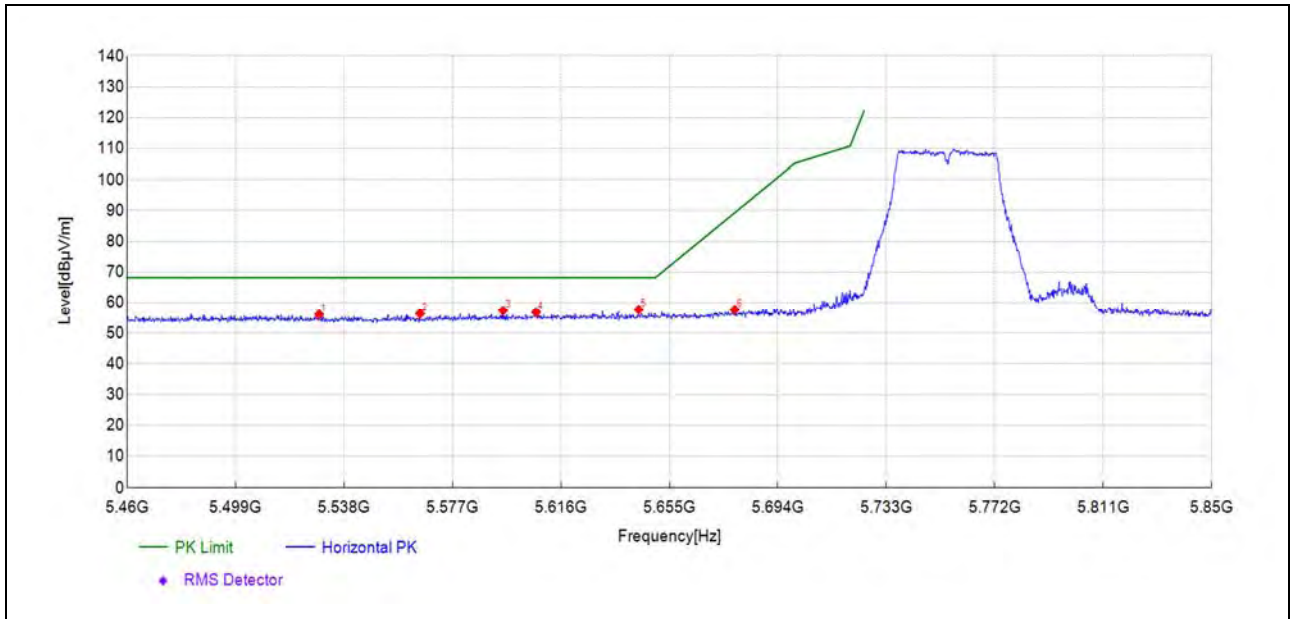
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5122.51	32.7	46.83	14.090	54.00	7.17	204	AV	Horizontal	PASS
5137.39	33.7	48.01	14.360	54.00	5.99	199	AV	Horizontal	PASS
5141.22	46.5	60.94	14.430	74.00	13.06	185	PK	Horizontal	PASS
5142.07	47.0	61.49	14.450	74.00	12.51	204	PK	Horizontal	PASS
5145.05	47.7	62.15	14.500	74.00	11.85	208	PK	Horizontal	PASS
5145.47	35.7	50.16	14.510	54.00	3.84	185	AV	Horizontal	PASS
5149.30	47.5	62.06	14.580	74.00	11.94	190	PK	Horizontal	PASS

Plot for Channel 46



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5353.77	29.5	44.57	15.030	54.00	9.43	194	AV	Horizontal	PASS
5355.94	42.1	57.14	15.060	74.00	16.86	204	PK	Horizontal	PASS
5372.07	28.9	44.18	15.290	54.00	9.82	194	AV	Horizontal	PASS
5391.30	41.0	56.58	15.560	74.00	17.42	157	PK	Horizontal	PASS
5396.73	28.3	43.92	15.630	54.00	10.08	1	AV	Horizontal	PASS
5434.88	40.8	56.04	15.250	74.00	17.96	242	PK	Horizontal	PASS

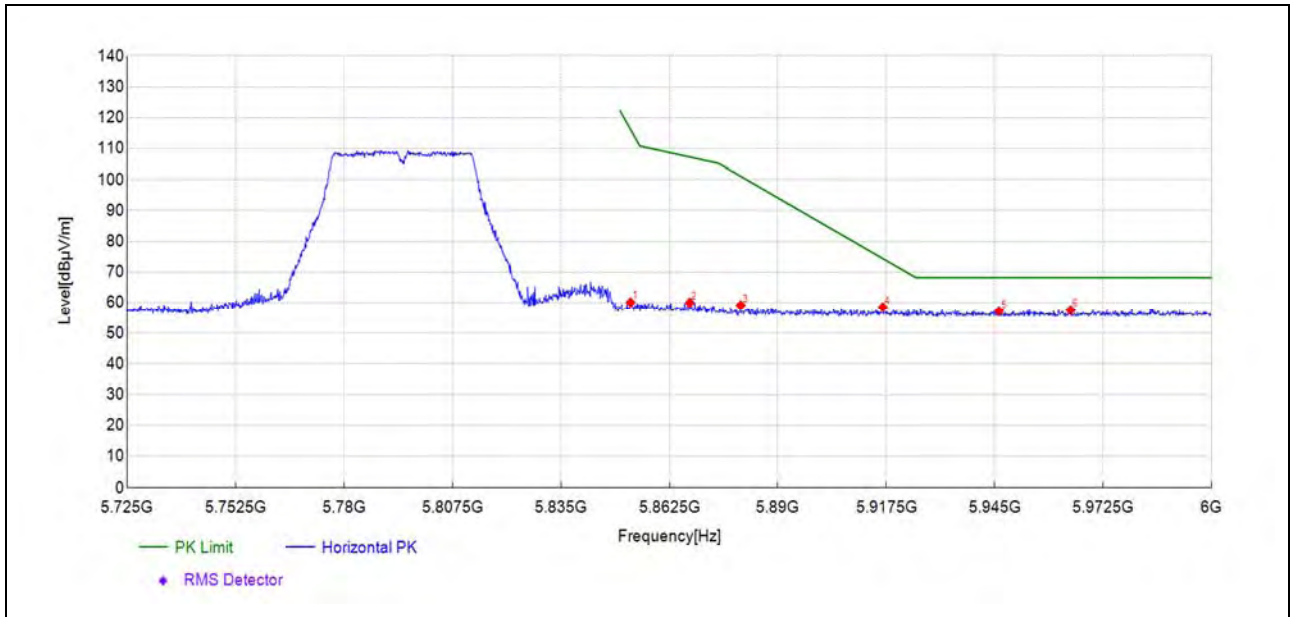
Plot for Channel 151



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5529.06	41.0	56.04	15.070	68.23	12.19	60	PK	Horizontal	PASS
5565.35	41.1	56.33	15.240	68.23	11.90	3	PK	Horizontal	PASS
5595.20	41.5	57.32	15.810	68.23	10.91	258	PK	Horizontal	PASS
5607.10	40.9	56.77	15.890	68.23	11.46	282	PK	Horizontal	PASS
5643.98	41.9	57.67	15.810	68.23	10.56	156	PK	Horizontal	PASS
5678.51	41.6	57.62	16.030	89.33	31.71	194	PK	Horizontal	PASS



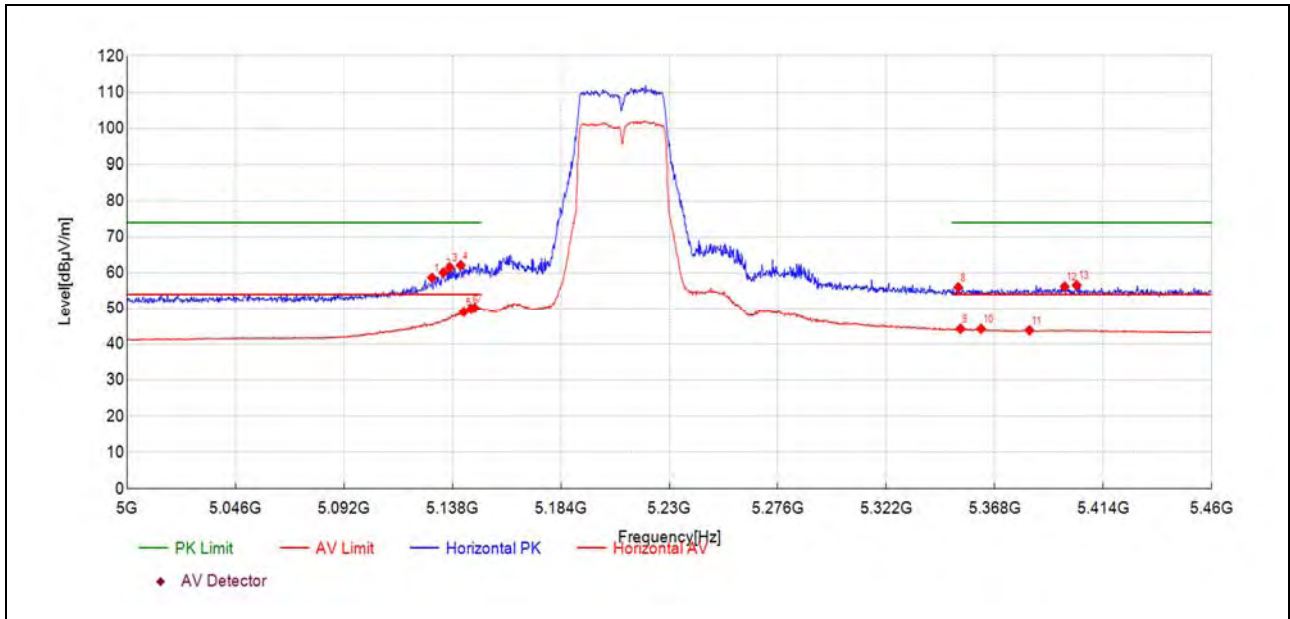
Plot for Channel 159



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5852.66	44.1	60.11	15.980	116.16	56.05	204	PK	Horizontal	PASS
5867.66	44.0	60.02	16.030	107.29	47.27	200	PK	Horizontal	PASS
5880.59	43.1	59.14	16.080	101.09	41.95	162	PK	Horizontal	PASS
5916.63	42.2	58.45	16.280	74.42	15.97	191	PK	Horizontal	PASS
5946.07	40.7	57.20	16.520	68.23	11.03	204	PK	Horizontal	PASS
5964.23	40.8	57.52	16.720	68.23	10.71	242	PK	Horizontal	PASS

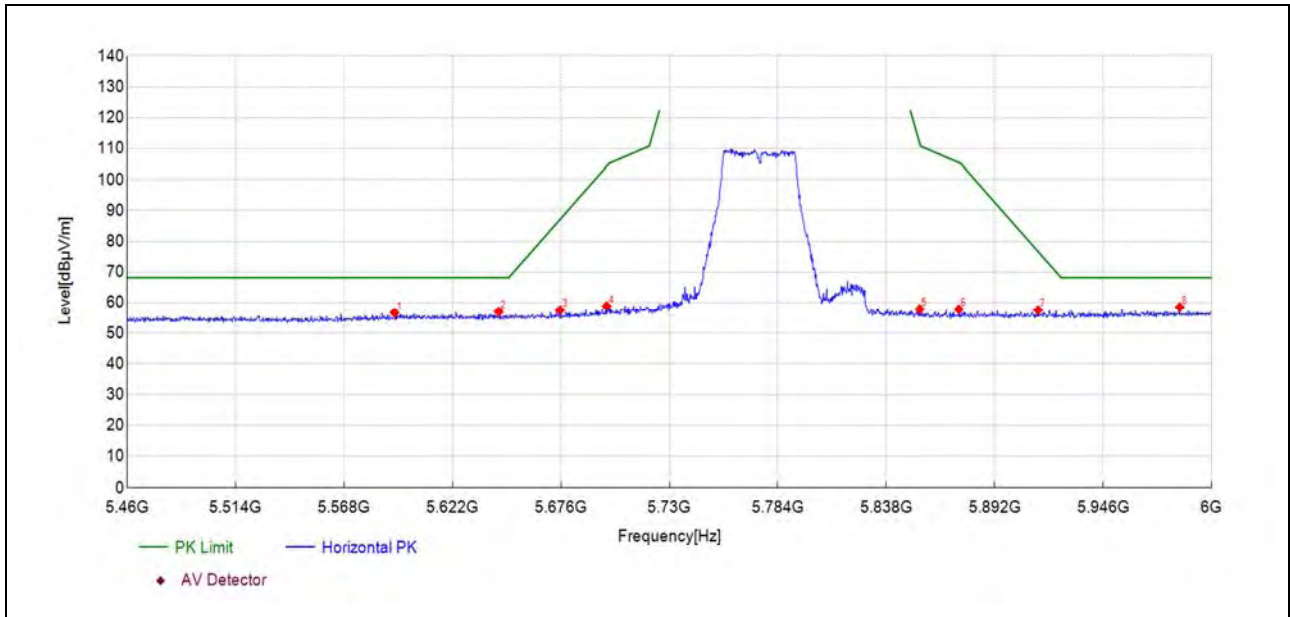
**802.11ac (VHT80) Mode**

Plot for Channel 42



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5129.32	44.5	58.67	14.220	74.00	15.33	175	PK	Horizontal	PASS
5134.16	45.8	60.10	14.300	74.00	13.90	180	PK	Horizontal	PASS
5136.92	47.1	61.48	14.350	74.00	12.52	184	PK	Horizontal	PASS
5141.52	47.7	62.15	14.440	74.00	11.85	189	PK	Horizontal	PASS
5142.90	34.6	49.10	14.460	54.00	4.90	189	AV	Horizontal	PASS
5145.89	35.4	49.89	14.520	54.00	4.11	194	AV	Horizontal	PASS
5147.50	35.6	50.16	14.550	54.00	3.84	194	AV	Horizontal	PASS
5352.54	41.0	56.02	15.020	74.00	17.98	203	PK	Horizontal	PASS
5353.46	29.2	44.25	15.030	54.00	9.75	189	AV	Horizontal	PASS
5362.20	29.1	44.23	15.150	54.00	9.77	189	AV	Horizontal	PASS
5382.68	28.4	43.83	15.440	54.00	10.17	171	AV	Horizontal	PASS
5397.64	40.6	56.25	15.650	74.00	17.75	53	PK	Horizontal	PASS
5402.70	41.0	56.61	15.650	74.00	17.39	152	PK	Horizontal	PASS

Plot for Channel 155



Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5593.18	40.8	56.61	15.780	68.23	11.62	360	PK	Horizontal	PASS
5645.04	41.2	56.97	15.820	68.23	11.26	222	PK	Horizontal	PASS
5675.57	41.5	57.50	16.000	87.15	29.65	204	PK	Horizontal	PASS
5698.80	42.7	58.85	16.190	104.34	45.49	174	PK	Horizontal	PASS
5854.67	41.8	57.80	15.990	111.59	53.79	259	PK	Horizontal	PASS
5874.12	41.7	57.80	16.060	105.48	47.68	217	PK	Horizontal	PASS
5913.56	41.2	57.50	16.260	76.70	19.20	192	PK	Horizontal	PASS
5984.06	41.5	58.48	16.960	68.23	9.75	192	PK	Horizontal	PASS



A.8. Radiated Emission

According to ANSI C63.10, because of peak detection will yield amplitudes equal to or greater than amplitudes measured with the quasi-peak (or average) detector, the measurement data from a spectrum analyzer peak detector will represent the worst-case results, if the peak measured value complies with the quasi-peak (or average) limit, it is unnecessary to perform an quasi-peak measurement (or average).

The measurement results are obtained as below:

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

A_T : Total correction Factor except Antenna

U_R : Receiver Reading

G_{preamp} : Preamplifier Gain

A_{Factor} : Antenna Factor at 3m

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

Note1: All radiated emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

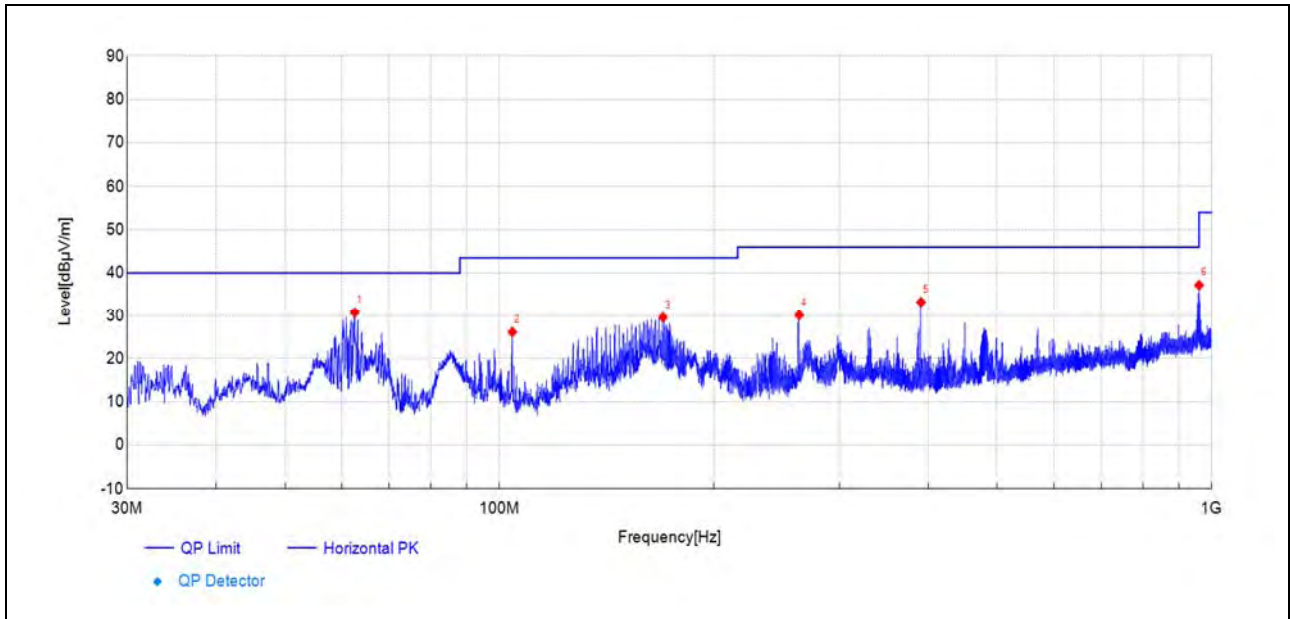
Note2: For the frequency, which started from 9kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit was not recorded.

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

Note4: All test modes and bandwidth were considered and evaluated respectively by performing full test, only the worst data were recorded for each bandwidth.

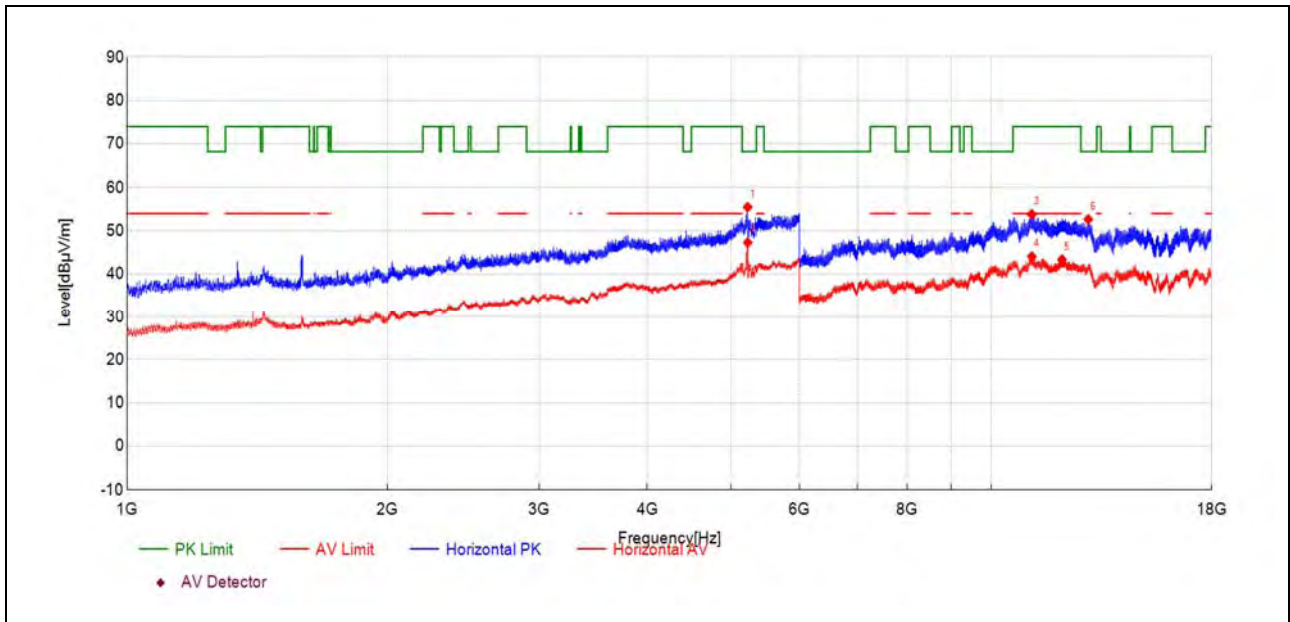
**802.11a Mode**

Plot for Channel 44



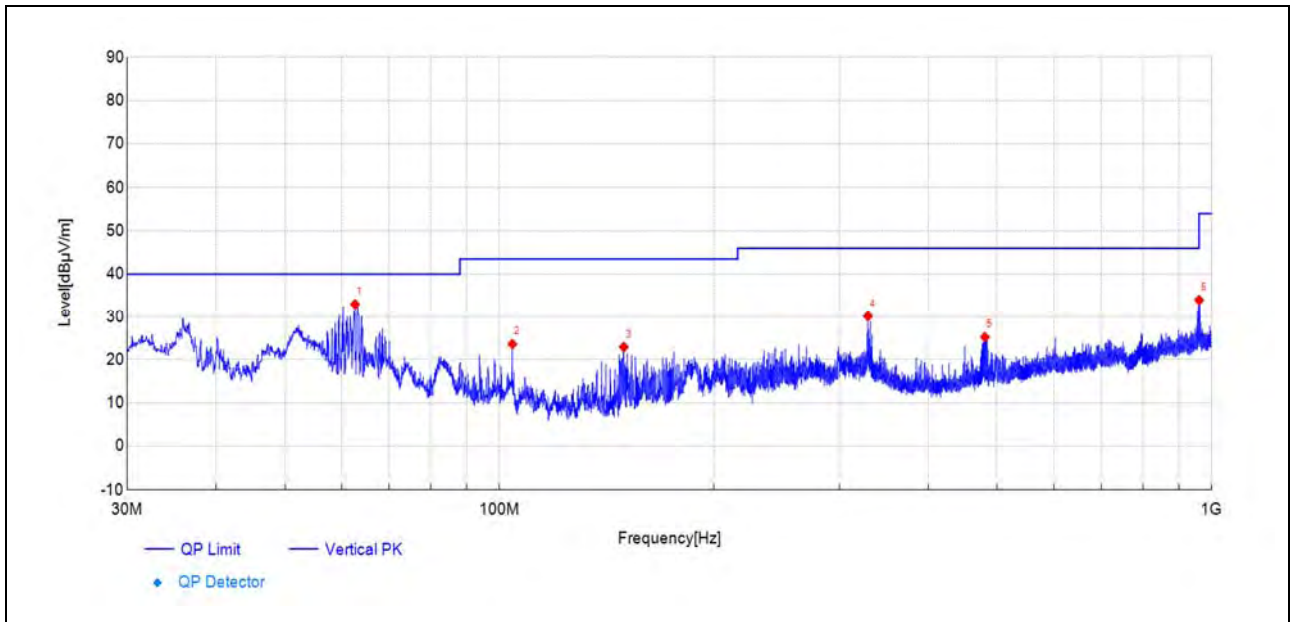
(Antenna Horizontal, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
62.64	59.6	30.73	-28.840	40.00	9.27	77	PK	Horizontal	PASS
104.26	55.7	26.13	-29.540	43.50	17.37	339	PK	Horizontal	PASS
169.69	60.8	29.57	-31.260	43.50	13.93	104	PK	Horizontal	PASS
263.49	57.7	30.11	-27.610	46.00	15.89	30	PK	Horizontal	PASS
390.76	55.9	33.21	-22.730	46.00	12.79	84	PK	Horizontal	PASS
959.99	48.5	37.18	-11.330	46.00	8.82	118	PK	Horizontal	PASS



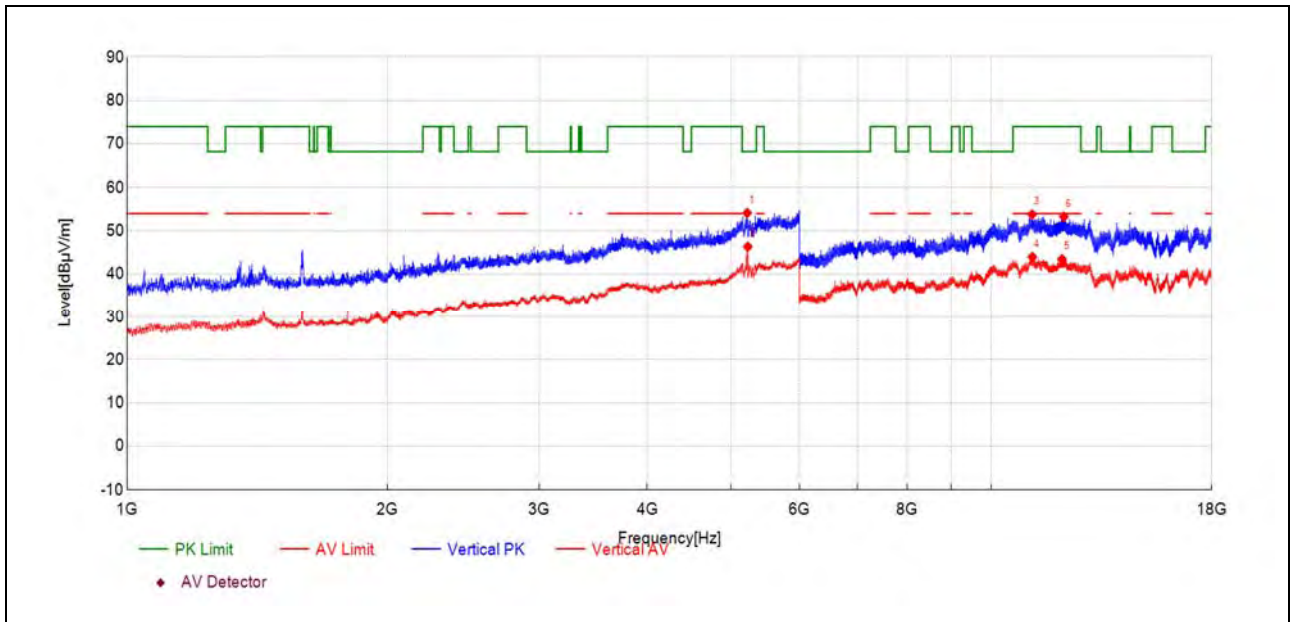
(Antenna Horizontal, 1GHz to 18GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5227.20	39.0	55.49	16.510	-	-	132	PK	Horizontal	NA
5228.11	30.8	47.31	16.520	-	-	138	AV	Horizontal	NA
11141.49	40.1	53.84	13.730	74.00	20.16	148	PK	Horizontal	PASS
11147.73	30.3	44.08	13.750	54.00	9.92	106	AV	Horizontal	PASS
12076.56	28.9	43.37	14.490	54.00	10.63	323	AV	Horizontal	PASS
12954.52	38.2	52.67	14.440	68.23	15.56	193	PK	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

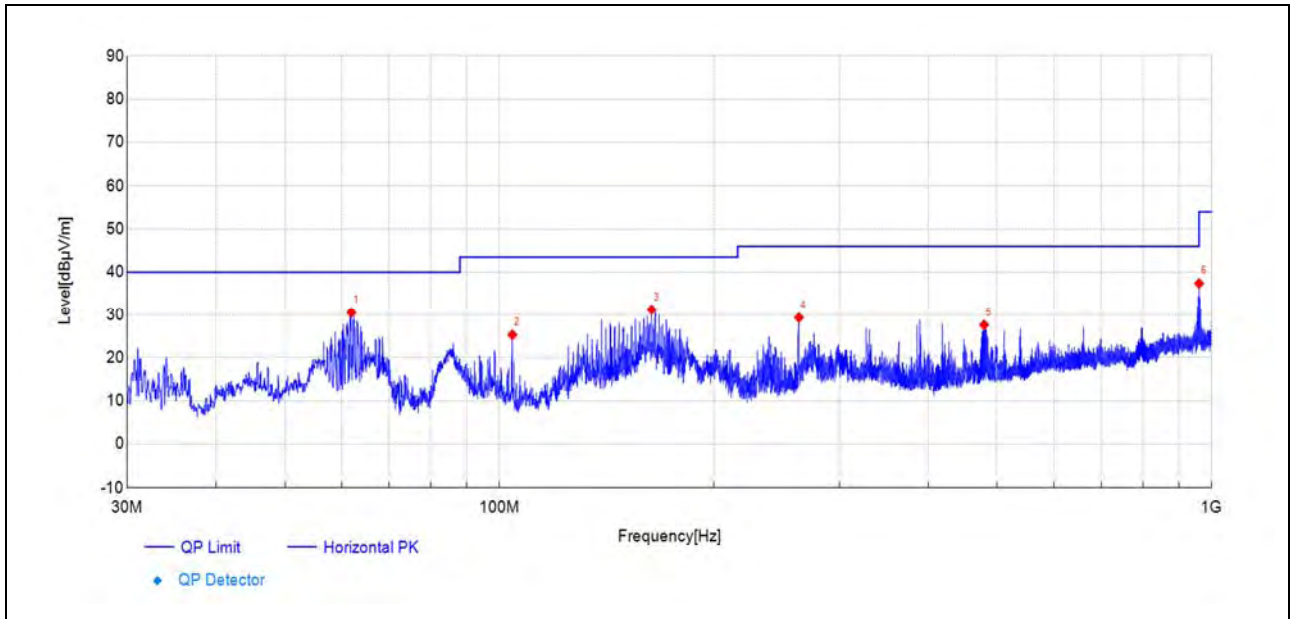
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
62.69	61.9	32.99	-28.870	40.00	7.01	162	PK	Vertical	PASS
104.31	53.1	23.60	-29.520	43.50	19.90	40	PK	Vertical	PASS
149.46	54.5	22.91	-31.630	43.50	20.59	108	PK	Vertical	PASS
329.21	54.4	30.11	-24.280	46.00	15.89	40	PK	Vertical	PASS
480.39	46.4	25.22	-21.130	46.00	20.78	196	PK	Vertical	PASS
959.99	45.3	33.97	-11.330	46.00	12.03	203	PK	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

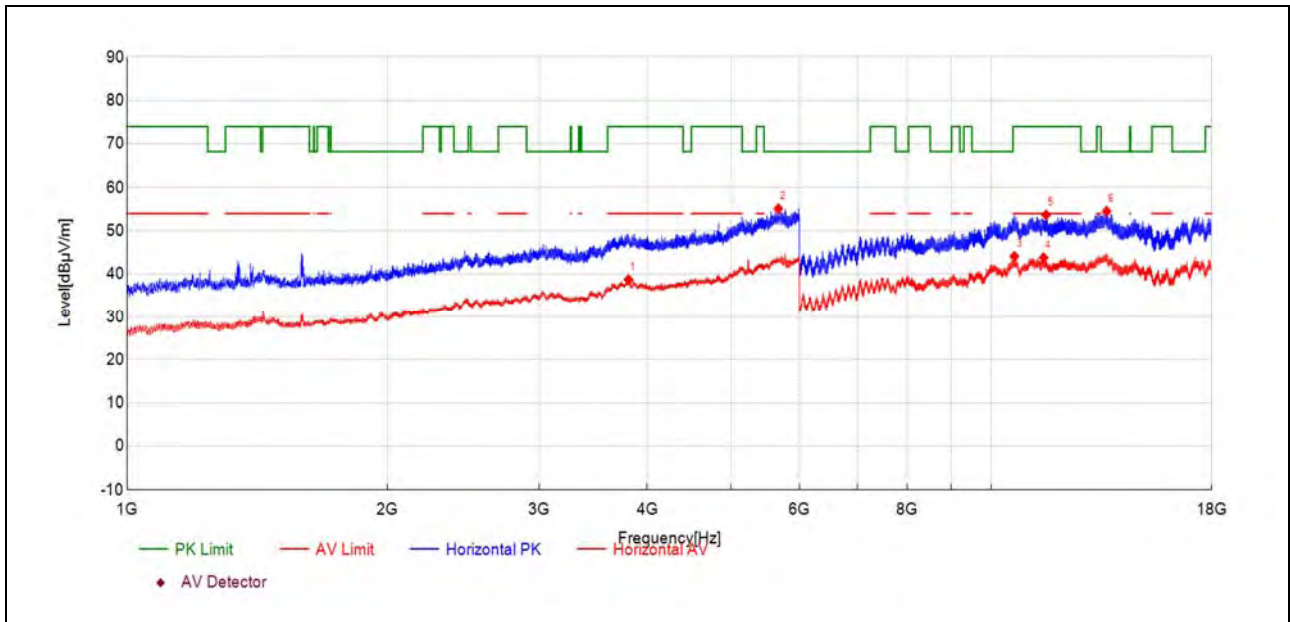
Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
5219.93	37.7	54.13	16.410	-	-	117	PK	Vertical	NA
5227.66	29.8	46.33	16.510	-	-	110	AV	Vertical	NA
11154.45	40.0	53.80	13.770	74.00	20.20	136	PK	Vertical	PASS
11160.69	30.2	43.97	13.780	54.00	10.03	5	AV	Vertical	PASS
12076.56	29.0	43.45	14.490	54.00	10.55	60	AV	Vertical	PASS
12137.53	38.6	53.29	14.670	74.00	20.71	136	PK	Vertical	PASS

Plot for Channel 157



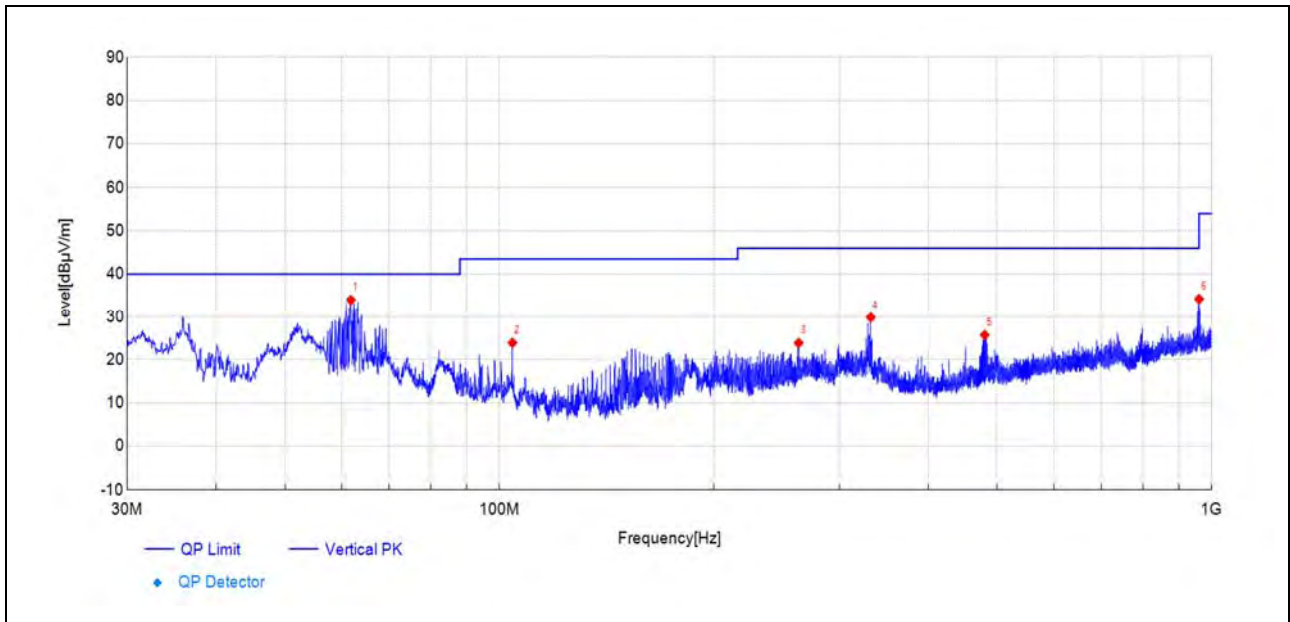
(Antenna Horizontal, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
61.96	59.0	30.48	-28.540	40.00	9.52	63	PK	Horizontal	PASS
104.26	54.8	25.27	-29.540	43.50	18.23	333	PK	Horizontal	PASS
163.58	62.3	31.19	-31.110	43.50	12.31	110	PK	Horizontal	PASS
263.30	56.9	29.29	-27.630	46.00	16.71	9	PK	Horizontal	PASS
479.18	48.7	27.58	-21.160	46.00	18.42	266	PK	Horizontal	PASS
959.99	48.7	37.37	-11.330	46.00	8.63	117	PK	Horizontal	PASS



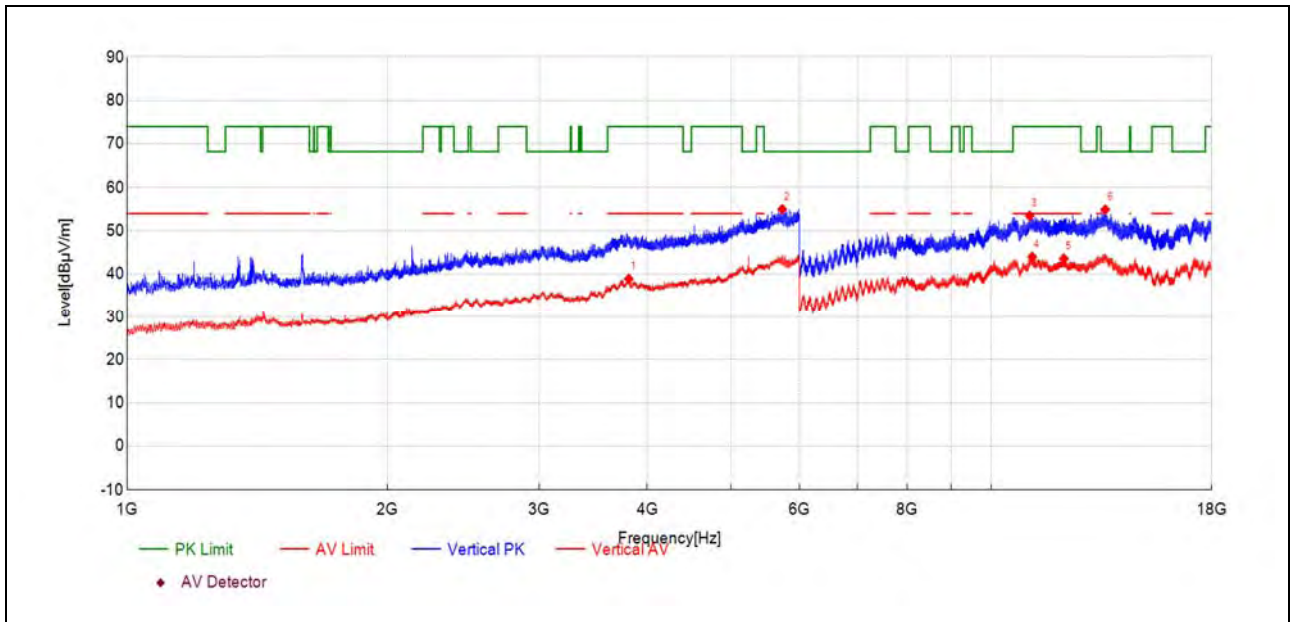
(Antenna Horizontal, 1GHz to 18GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
3805.26	27.1	38.73	11.670	54.00	15.27	169	AV	Horizontal	PASS
5672.70	36.0	55.13	19.110	68.23	13.10	279	PK	Horizontal	PASS
10643.23	31.8	44.10	12.270	54.00	9.90	79	AV	Horizontal	PASS
11501.02	29.6	43.83	14.270	54.00	10.17	133	AV	Horizontal	PASS
11577.34	39.4	53.70	14.280	74.00	20.30	112	PK	Horizontal	PASS
13603.98	37.5	54.55	17.070	68.23	13.68	314	PK	Horizontal	PASS



(Antenna Vertical, 30MHz to 1GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
61.87	62.5	33.97	-28.570	40.00	6.03	126	PK	Vertical	PASS
104.31	53.4	23.88	-29.520	43.50	19.62	296	PK	Vertical	PASS
263.10	51.5	23.84	-27.650	46.00	22.16	51	PK	Vertical	PASS
332.12	54.2	29.81	-24.410	46.00	16.19	31	PK	Vertical	PASS
480.01	46.9	25.70	-21.190	46.00	20.30	98	PK	Vertical	PASS
959.99	45.5	34.19	-11.330	46.00	11.81	166	PK	Vertical	PASS



(Antenna Vertical, 1GHz to 18GHz)

Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Polarity	Verdict
3807.98	27.2	38.88	11.660	54.00	15.12	59	AV	Vertical	PASS
5731.34	35.6	55.01	19.420	68.23	13.22	66	PK	Vertical	PASS
11080.52	40.1	53.49	13.370	74.00	20.51	185	PK	Vertical	PASS
11156.37	30.5	43.98	13.510	54.00	10.02	185	AV	Vertical	PASS
12138.97	28.9	43.57	14.650	54.00	10.43	280	AV	Vertical	PASS
13555.98	37.8	54.92	17.090	68.23	13.31	344	PK	Vertical	PASS



Notes

1. The report shall have report stamp or our company stamp.
2. The report shall be invalid without all the signatures of the editor and approver.
3. The report shall not be changed.
4. Any objections must be raised to Morlab within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.
5. Conformity declaration:
 - ☒ Morlab issues a statement of conformity based on the corresponding standards (default)
 - ☐ Morlab issues a statement of conformity based on the applicant requirement
6. Use of uncertainty of measurement for decisions on conformity (decision rule):

No decision rule is specified by the testing standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule).

————— END OF REPORT —————