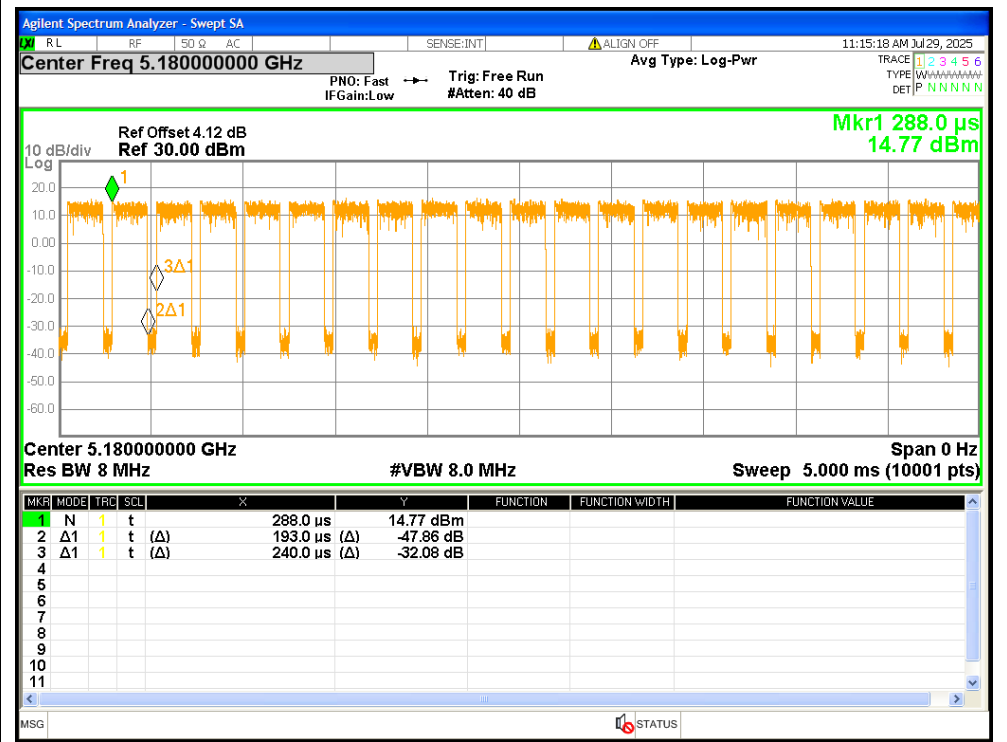


Duty Cycle

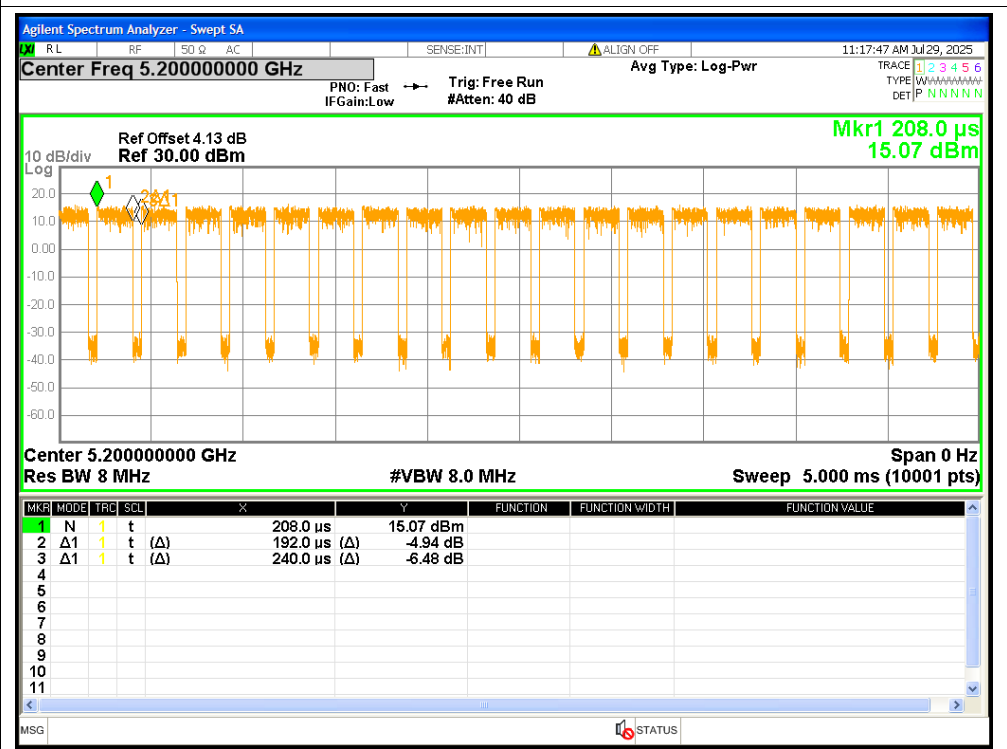
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5180	Ant1	0.193	0.24	80.42	0.95	5.19	0.24
NVNT	a	5200	Ant1	0.192	0.24	80	0.97	5.19	0.23
NVNT	a	5240	Ant1	0.193	0.241	80.08	0.96	5.19	0.24
NVNT	a	5180	Ant2	0.193	0.24	80.42	0.95	5.19	0.22
NVNT	a	5200	Ant2	0.193	0.241	80.08	0.96	5.19	0.22
NVNT	a	5240	Ant2	0.192	0.24	80	0.97	5.19	0.20
NVNT	n20	5180	MIMO	0.353	0.4	88.25	0.54	2.84	0.21
NVNT	n20	5200	MIMO	0.353	0.4	88.25	0.54	2.84	0.25
NVNT	n20	5240	MIMO	0.352	0.4	88	0.56	2.84	0.21
NVNT	n40	5190	MIMO	0.34	0.39	87.18	0.6	2.94	0.22
NVNT	n40	5230	MIMO	0.34	0.387	87.86	0.56	2.94	0.21
NVNT	ac20	5180	MIMO	0.321	0.369	86.99	0.61	3.12	0.23
NVNT	ac20	5200	MIMO	0.32	0.369	86.72	0.62	3.12	0.25
NVNT	ac20	5240	MIMO	0.321	0.369	86.99	0.61	3.12	0.20
NVNT	ac40	5190	MIMO	0.3	0.35	85.71	0.67	3.33	0.22
NVNT	ac40	5230	MIMO	0.3	0.349	85.96	0.66	3.33	0.24
NVNT	ac80	5210	MIMO	0.289	0.338	85.5	0.68	3.47	0.20

Test Graphs

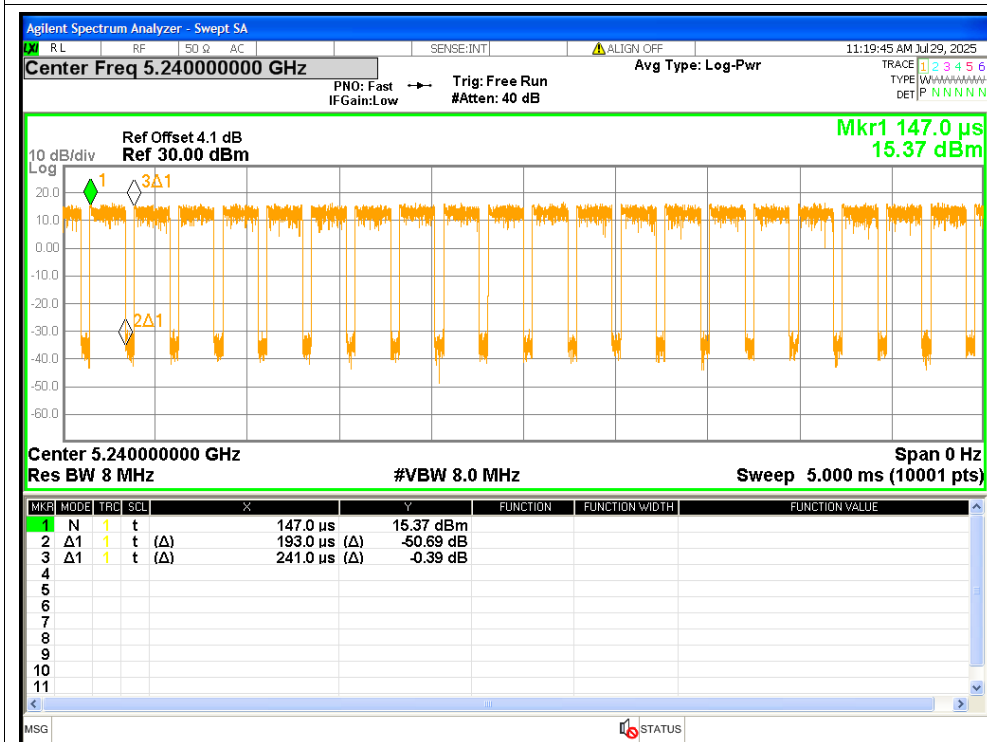
Duty Cycle NVNT a 5180MHz Ant1



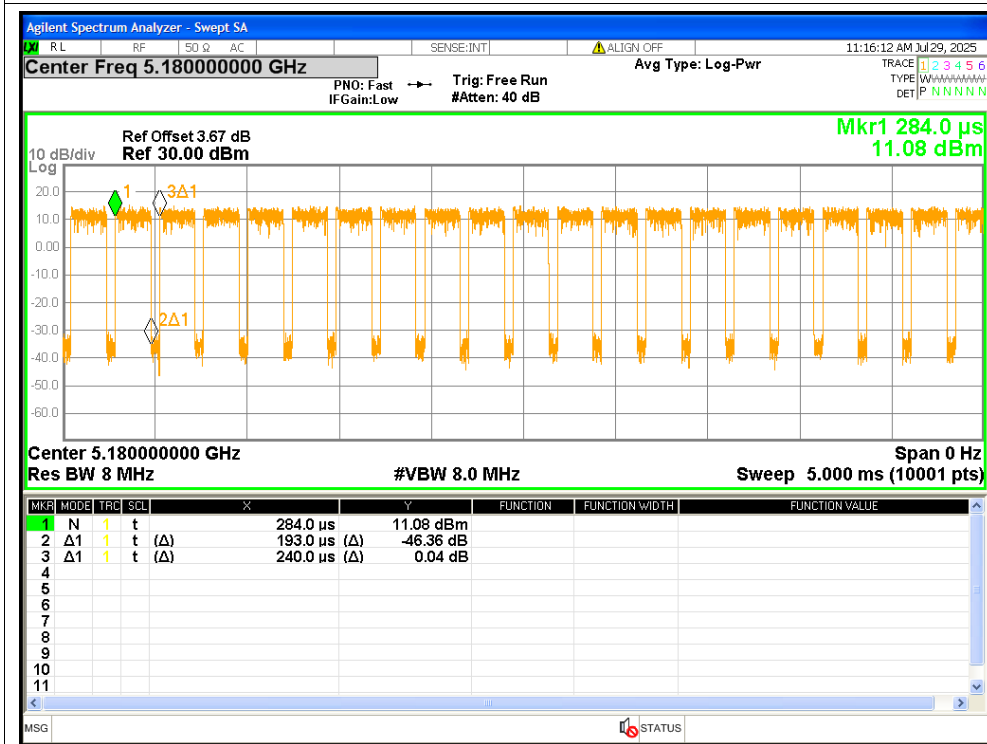
Duty Cycle NVNT a 5200MHz Ant1



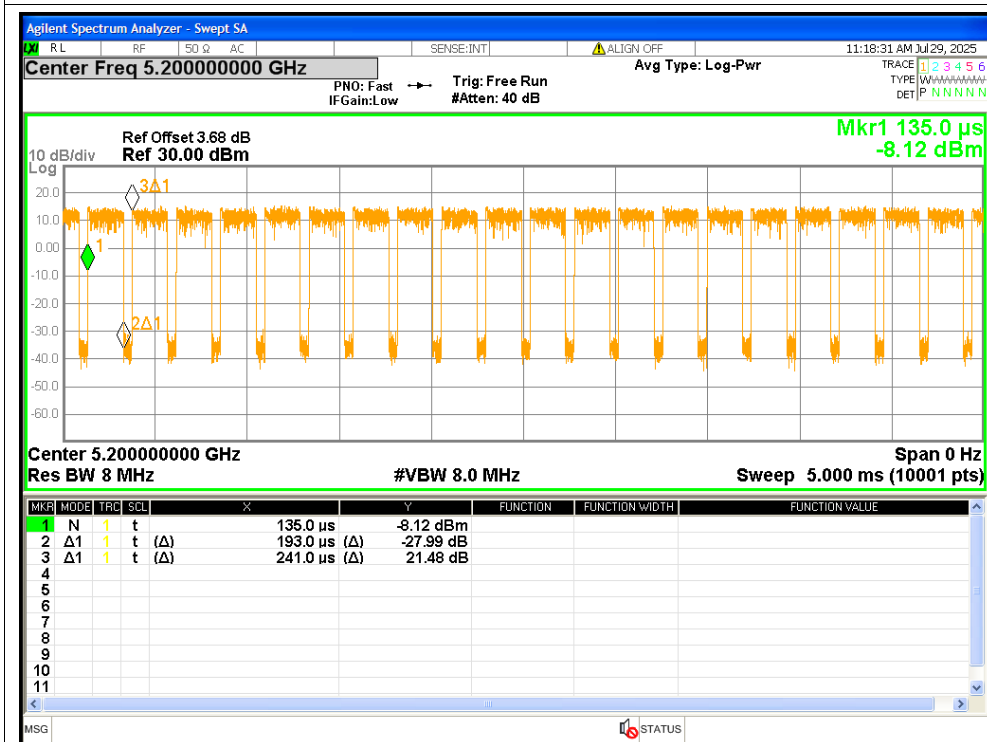
Duty Cycle NVNT a 5240MHz Ant1



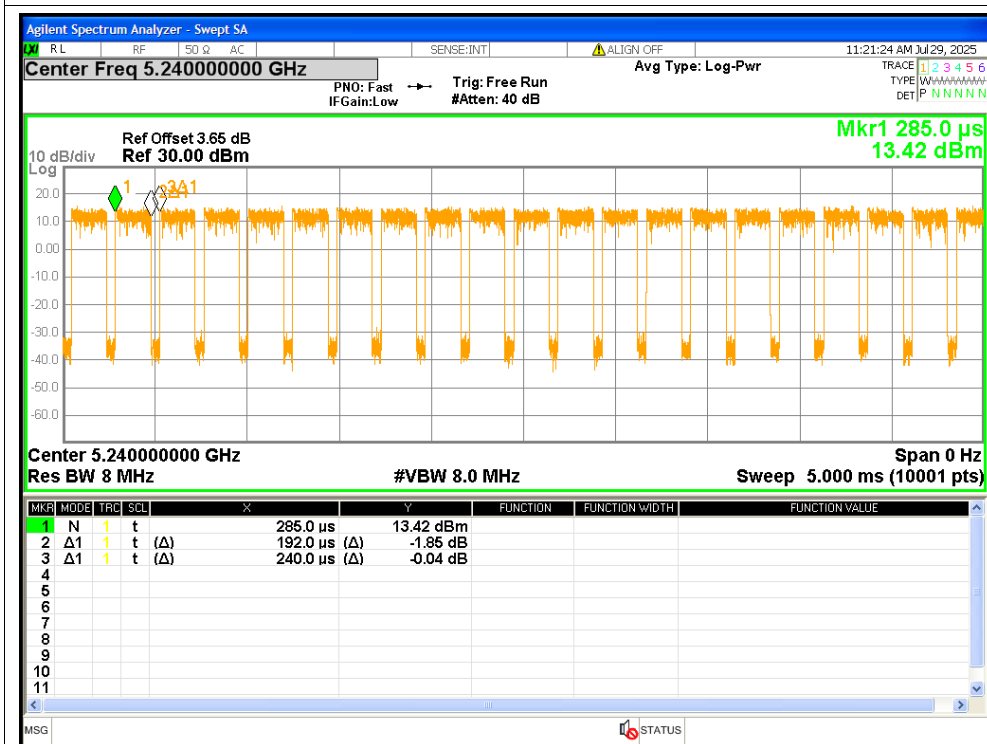
Duty Cycle NVNT a 5180MHz Ant2



Duty Cycle NVNT a 5200MHz Ant2



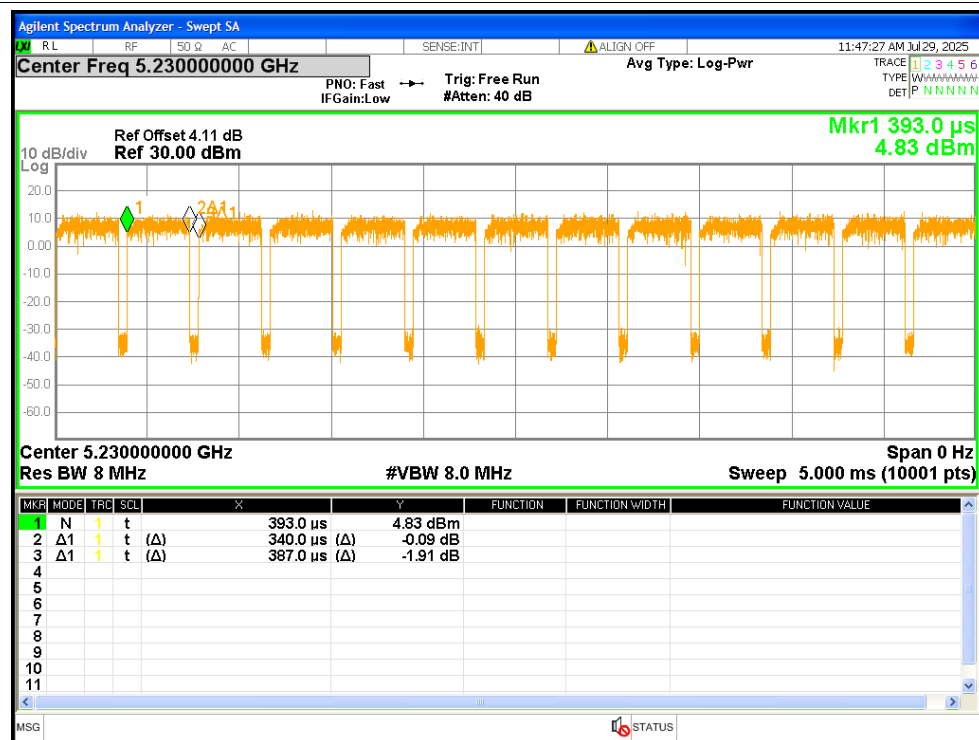
Duty Cycle NVNT a 5240MHz Ant2



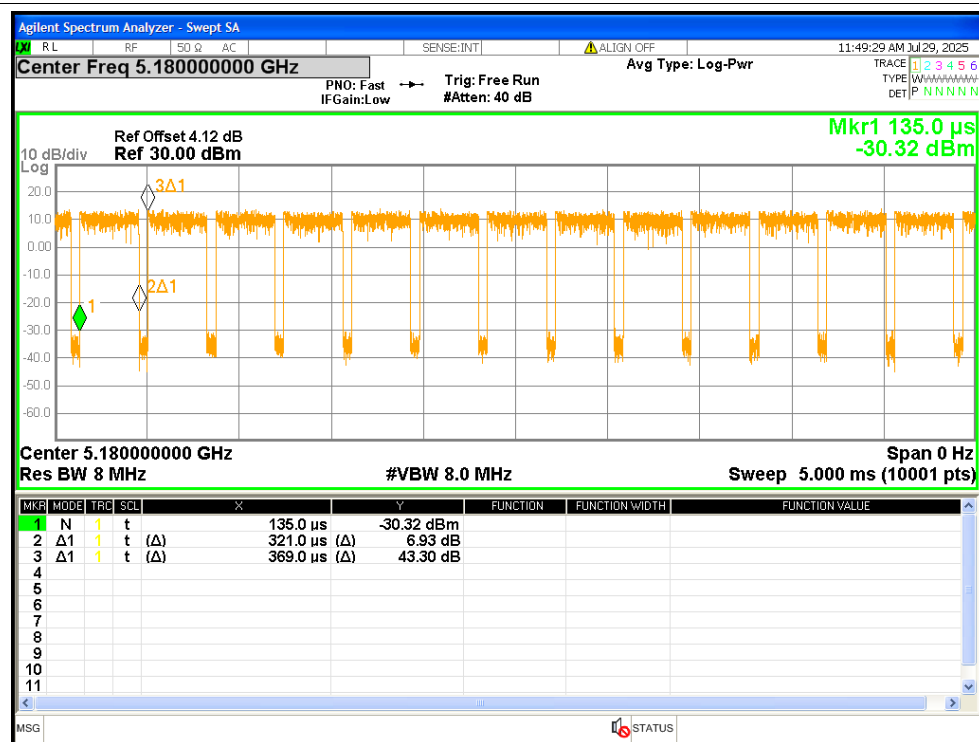
Duty Cycle NVNT n20 5180MHz MIMO

Duty Cycle NVNT n20 5240MHz MIMO

Duty Cycle NVNT n40 5230MHz MIMO

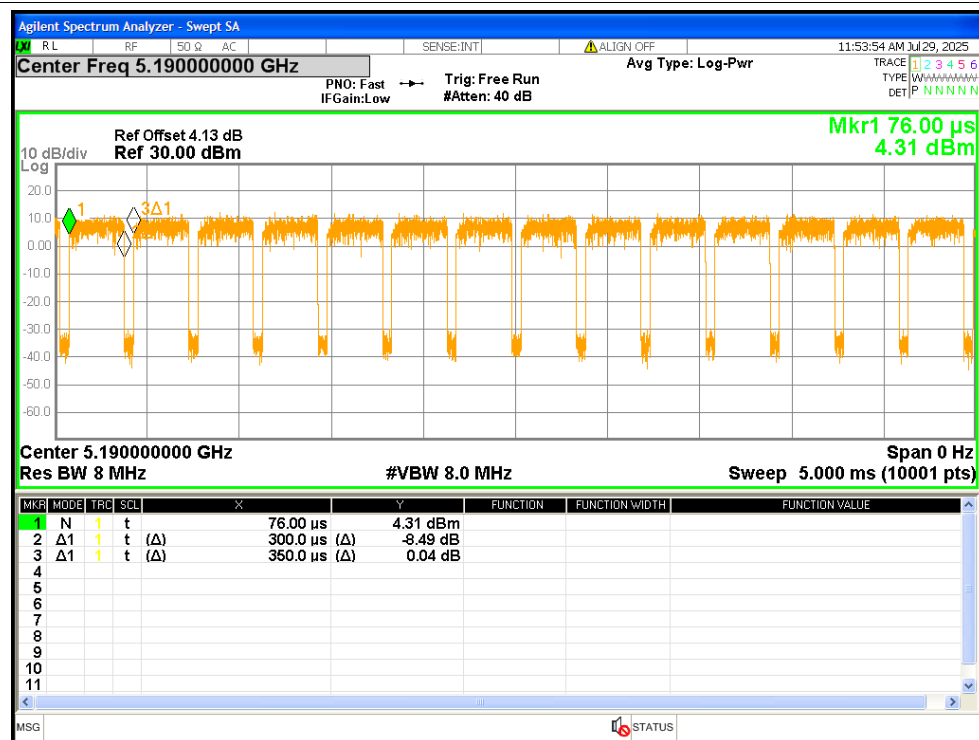


Duty Cycle NVNT ac20 5180MHz MIMO

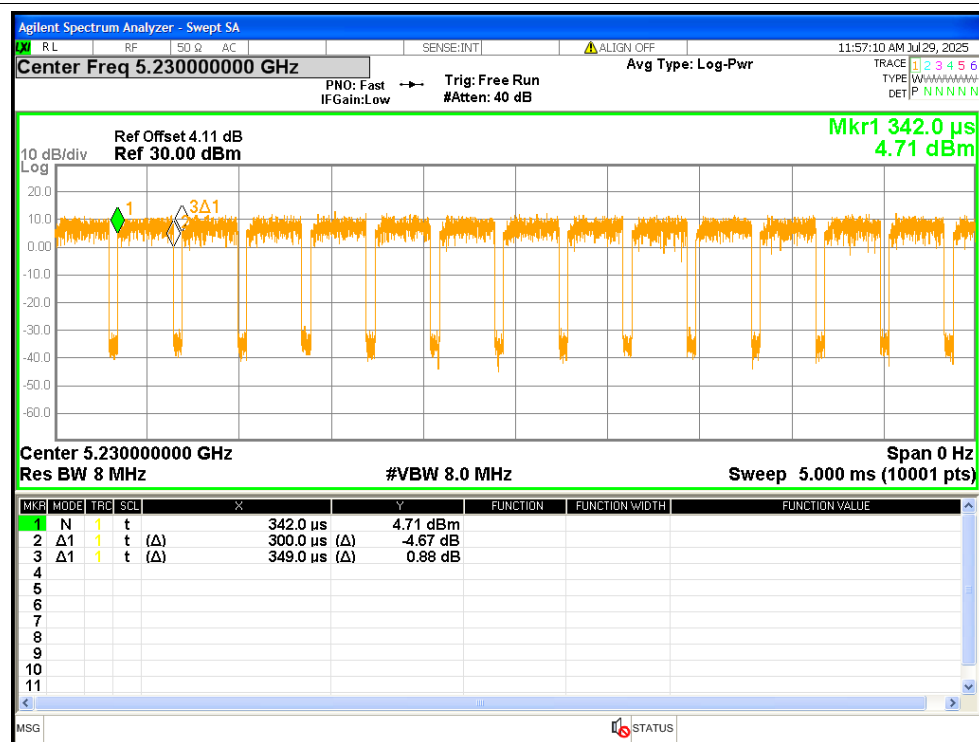


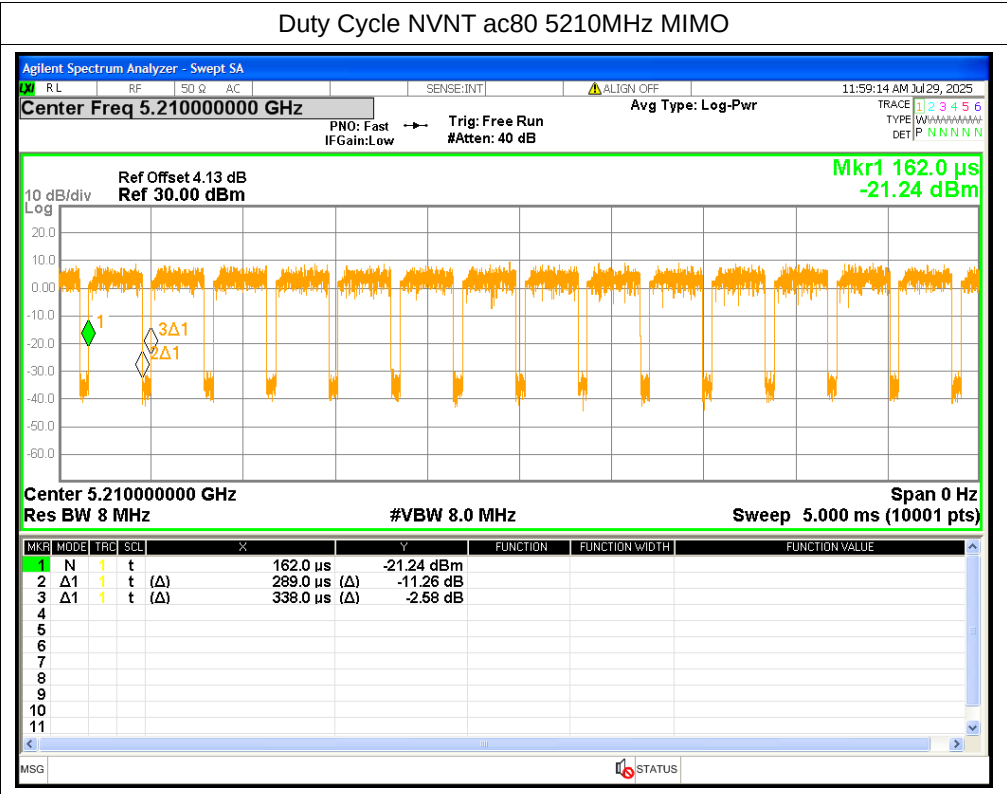
Duty Cycle NVNT ac20 5200MHz MIMO

Duty Cycle NVNT ac40 5190MHz MIMO



Duty Cycle NVNT ac40 5230MHz MIMO



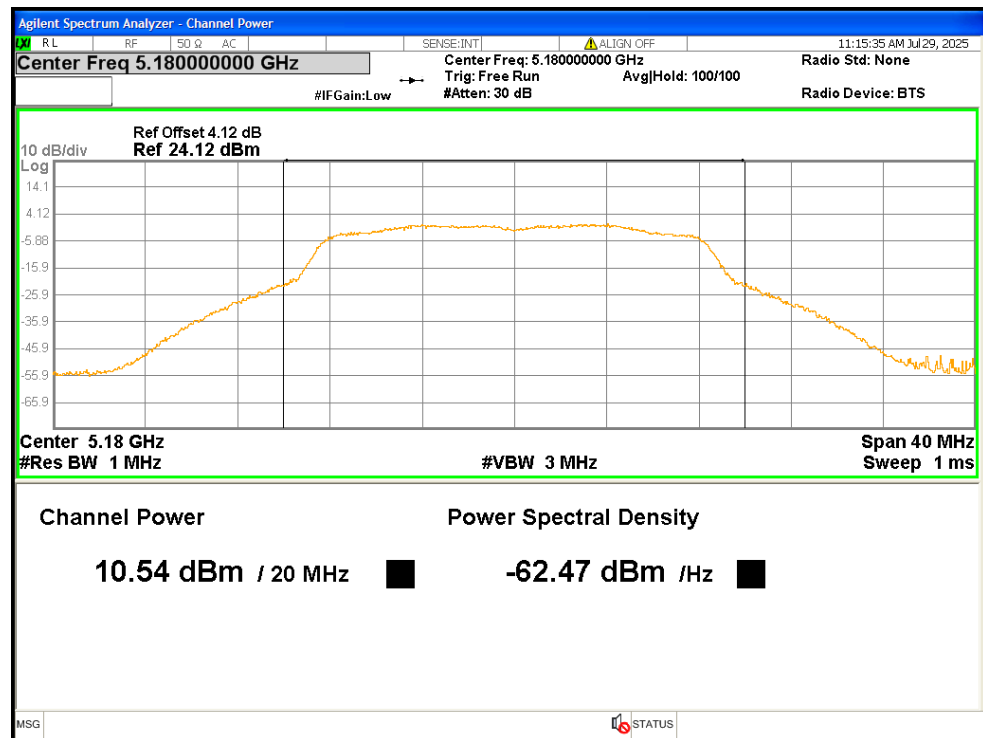


Maximum Conducted Output Power

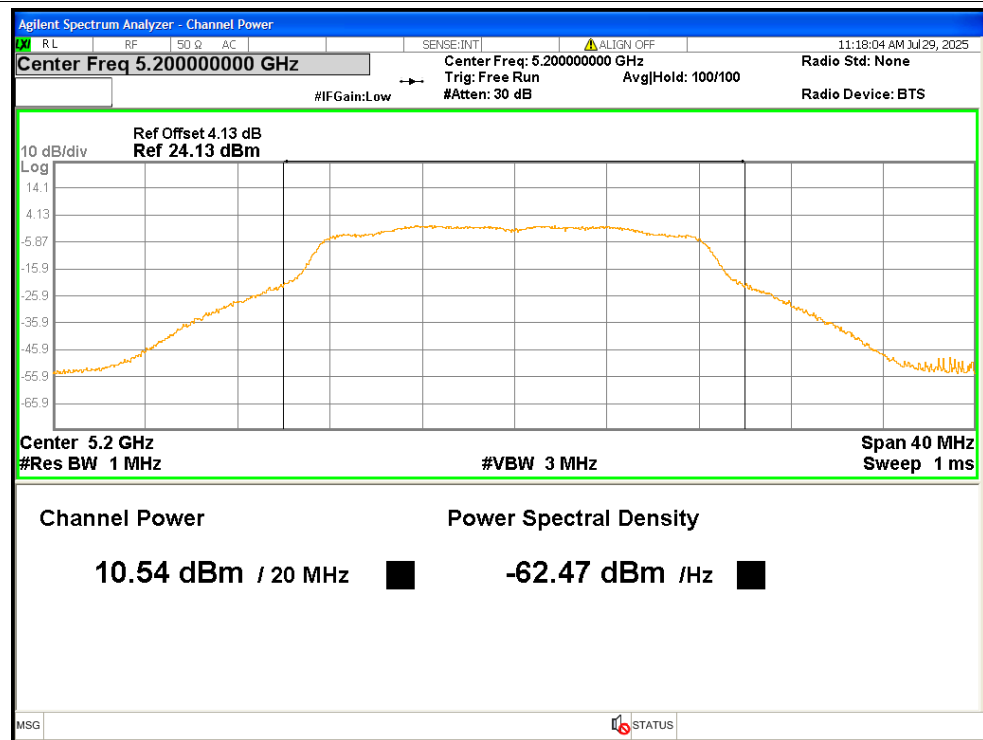
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.54	0.95	11.49	<=24	Pass
NVNT	a	5200	Ant1	10.54	0.97	11.51	<=24	Pass
NVNT	a	5240	Ant1	10.92	0.96	11.88	<=24	Pass
NVNT	a	5180	Ant2	9.73	0.95	10.68	<=24	Pass
NVNT	a	5200	Ant2	9.87	0.96	10.83	<=24	Pass
NVNT	a	5240	Ant2	10.1	0.97	11.07	<=24	Pass
NVNT	n20	5180	Ant1	8.66	0.54	9.2	<=24	Pass
NVNT	n20	5180	Ant2	7.93	0.54	8.47	<=24	Pass
NVNT	n20	5180	MIMO	11.32	0.54	11.86	<=24	Pass
NVNT	n20	5200	Ant1	8.68	0.54	9.22	<=24	Pass
NVNT	n20	5200	Ant2	8.18	0.54	8.72	<=24	Pass
NVNT	n20	5200	MIMO	11.45	0.54	11.99	<=24	Pass
NVNT	n20	5240	Ant1	9.1	0.56	9.66	<=24	Pass
NVNT	n20	5240	Ant2	8.34	0.56	8.9	<=24	Pass
NVNT	n20	5240	MIMO	11.75	0.56	12.31	<=24	Pass
NVNT	n40	5190	Ant1	9.21	0.6	9.81	<=24	Pass
NVNT	n40	5190	Ant2	8.43	0.6	9.03	<=24	Pass
NVNT	n40	5190	MIMO	11.85	0.6	12.45	<=24	Pass
NVNT	n40	5230	Ant1	9.49	0.56	10.05	<=24	Pass
NVNT	n40	5230	Ant2	8.73	0.56	9.29	<=24	Pass
NVNT	n40	5230	MIMO	12.14	0.56	12.7	<=24	Pass
NVNT	ac20	5180	Ant1	8.55	0.61	9.16	<=24	Pass
NVNT	ac20	5180	Ant2	7.88	0.61	8.49	<=24	Pass
NVNT	ac20	5180	MIMO	11.24	0.61	11.85	<=24	Pass
NVNT	ac20	5200	Ant1	8.68	0.62	9.3	<=24	Pass
NVNT	ac20	5200	Ant2	8.13	0.62	8.75	<=24	Pass
NVNT	ac20	5200	MIMO	11.42	0.62	12.04	<=24	Pass
NVNT	ac20	5240	Ant1	9.05	0.61	9.66	<=24	Pass
NVNT	ac20	5240	Ant2	8.32	0.61	8.93	<=24	Pass
NVNT	ac20	5240	MIMO	11.71	0.61	12.32	<=24	Pass
NVNT	ac40	5190	Ant1	9.02	0.67	9.69	<=24	Pass
NVNT	ac40	5190	Ant2	8.29	0.67	8.96	<=24	Pass
NVNT	ac40	5190	MIMO	11.68	0.67	12.35	<=24	Pass
NVNT	ac40	5230	Ant1	9.36	0.66	10.02	<=24	Pass
NVNT	ac40	5230	Ant2	8.64	0.66	9.3	<=24	Pass
NVNT	ac40	5230	MIMO	12.03	0.66	12.69	<=24	Pass
NVNT	ac80	5210	Ant1	9.17	0.68	9.85	<=24	Pass
NVNT	ac80	5210	Ant2	8.61	0.68	9.29	<=24	Pass
NVNT	ac80	5210	MIMO	11.91	0.68	12.59	<=24	Pass

Test Graphs

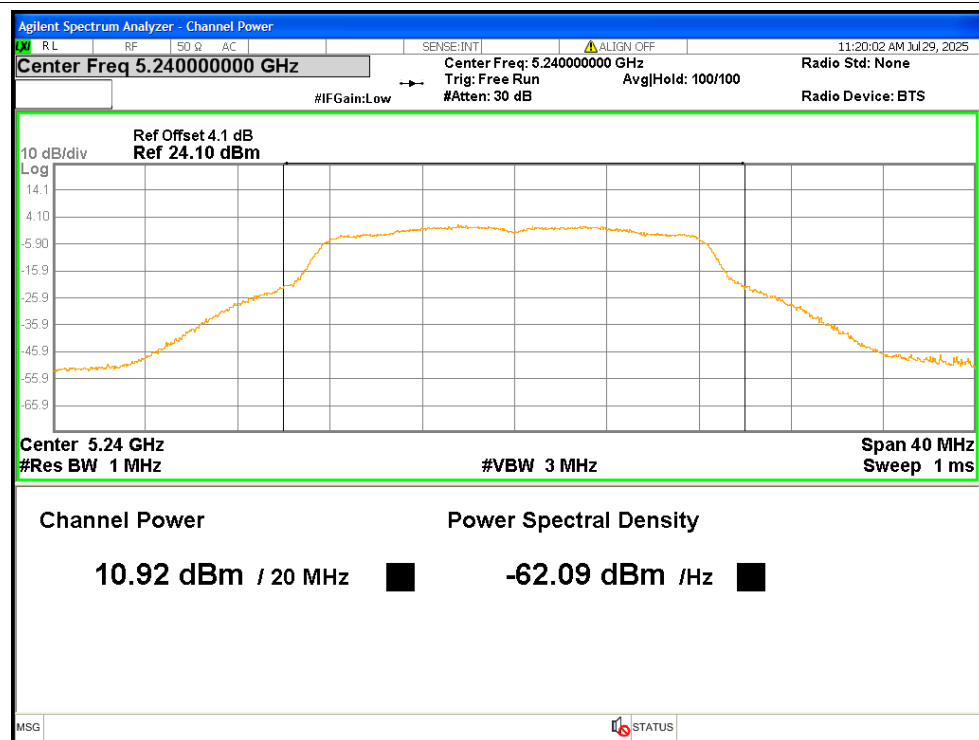
Power NVNT a 5180MHz Ant1



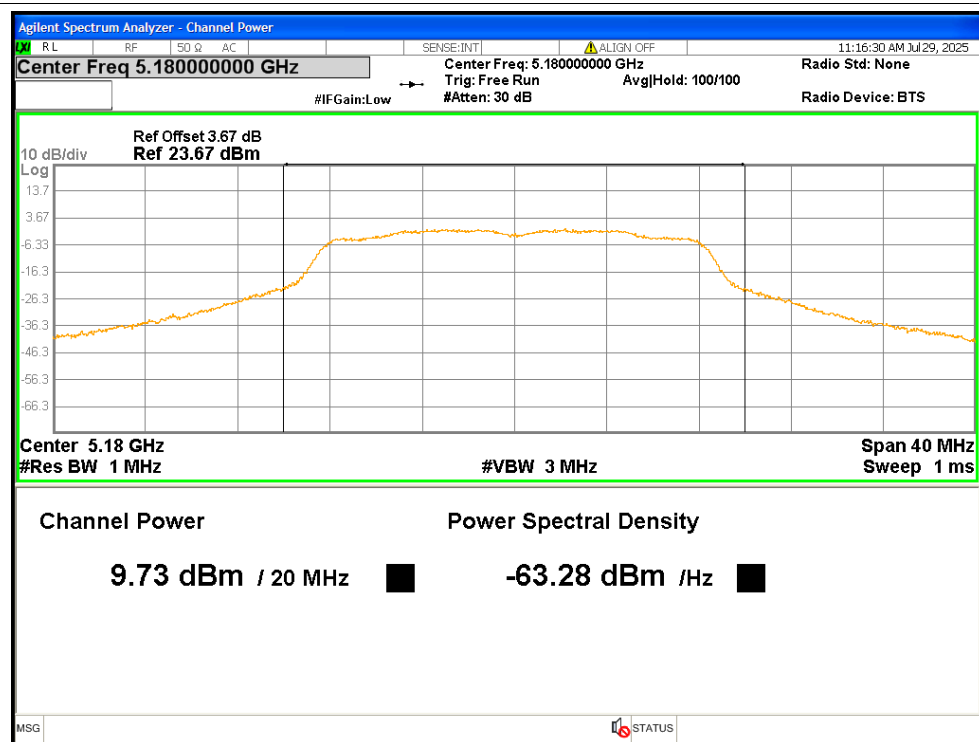
Power NVNT a 5200MHz Ant1



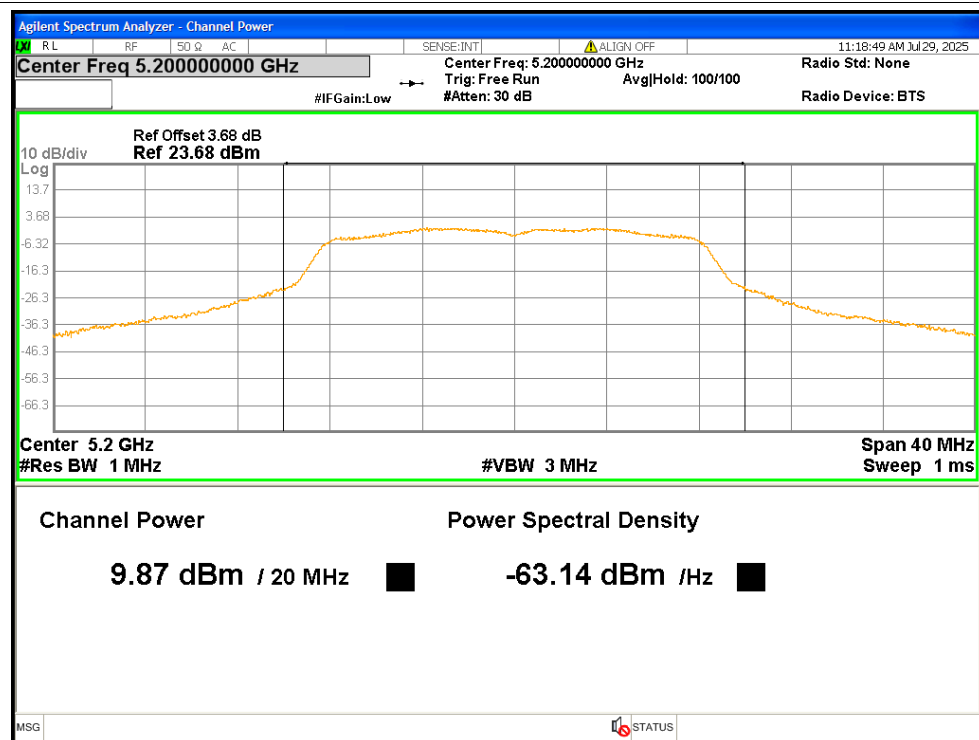
Power NVNT a 5240MHz Ant1



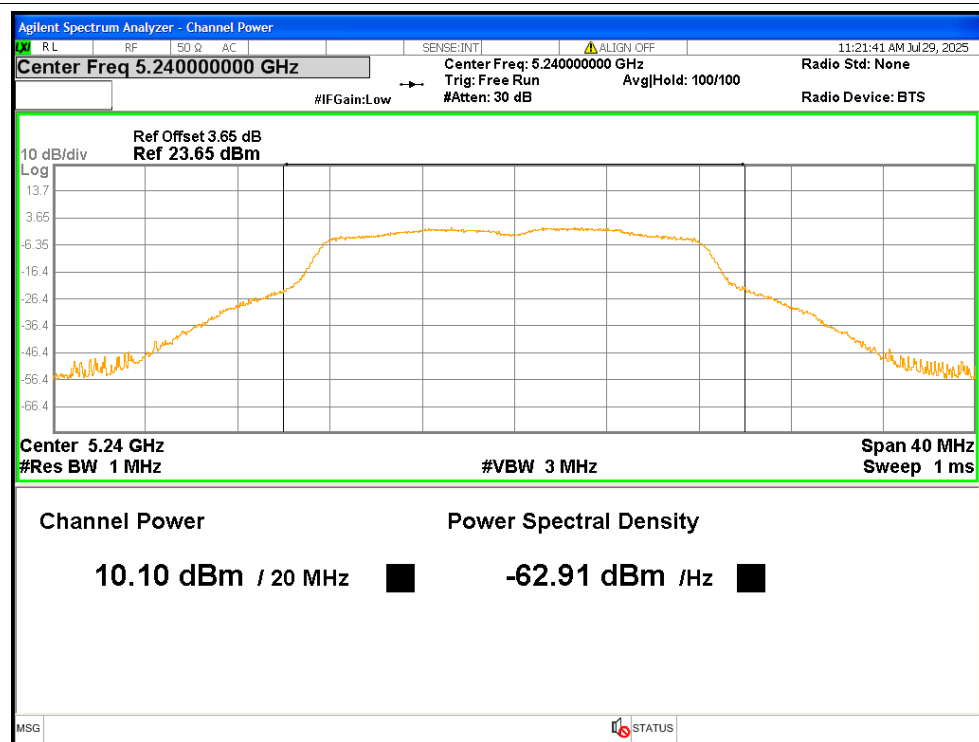
Power NVNT a 5180MHz Ant2



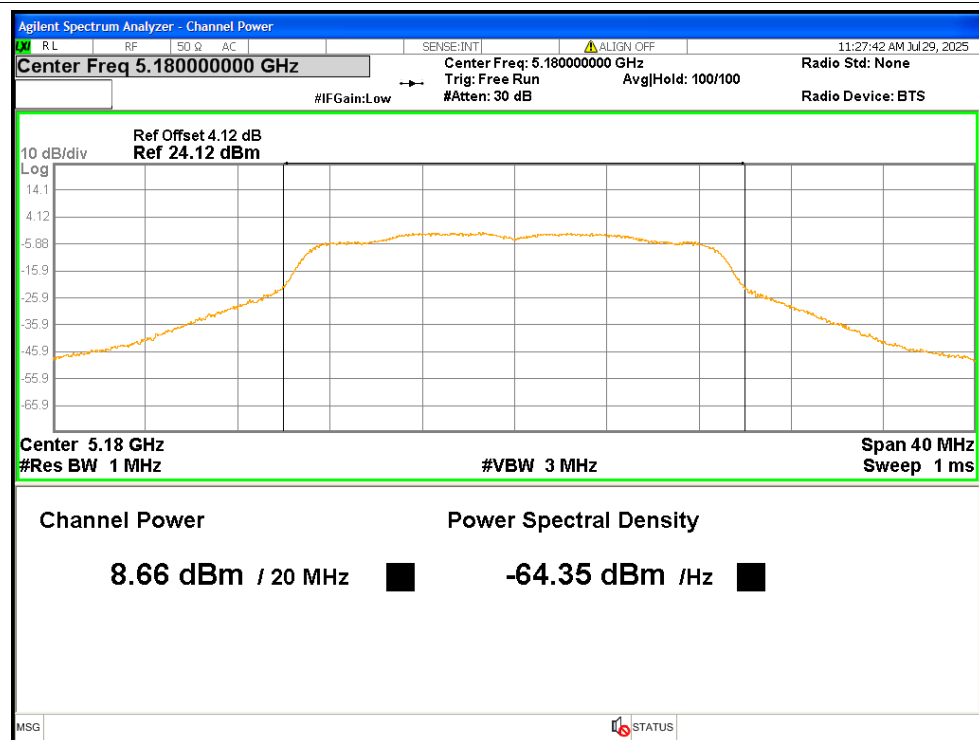
Power NVNT a 5200MHz Ant2



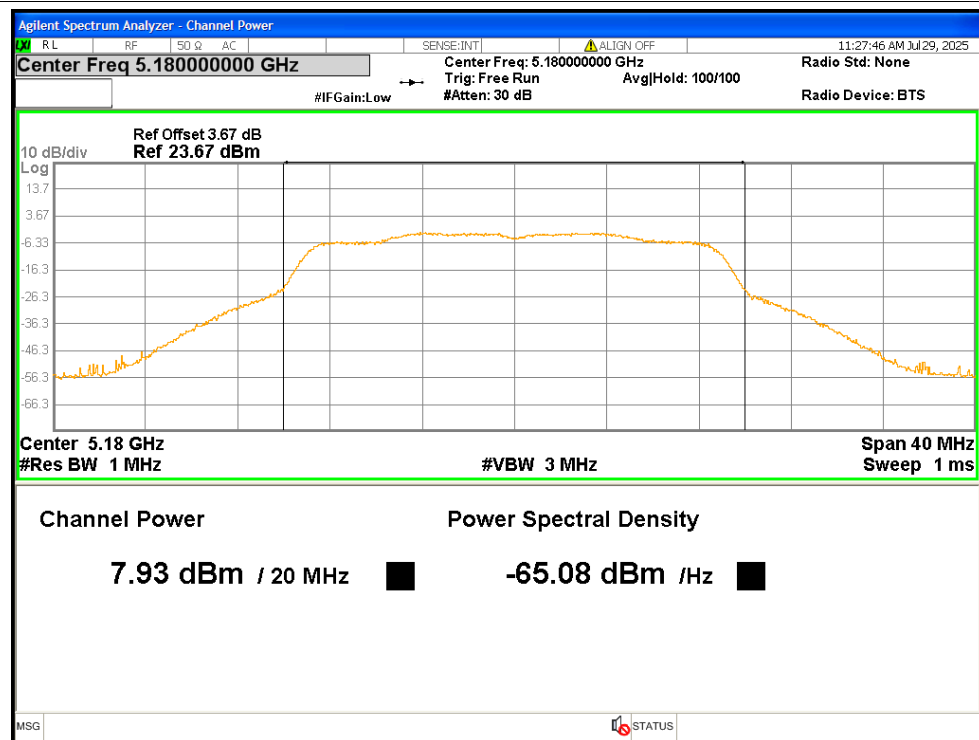
Power NVNT a 5240MHz Ant2



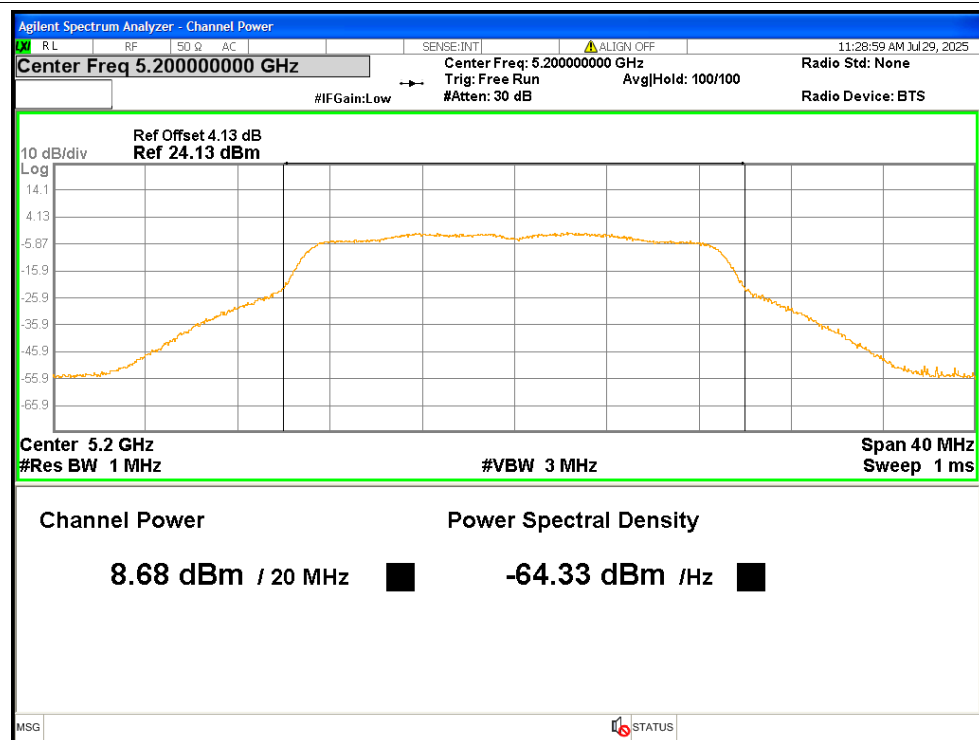
Power NVNT n20 5180MHz Ant1



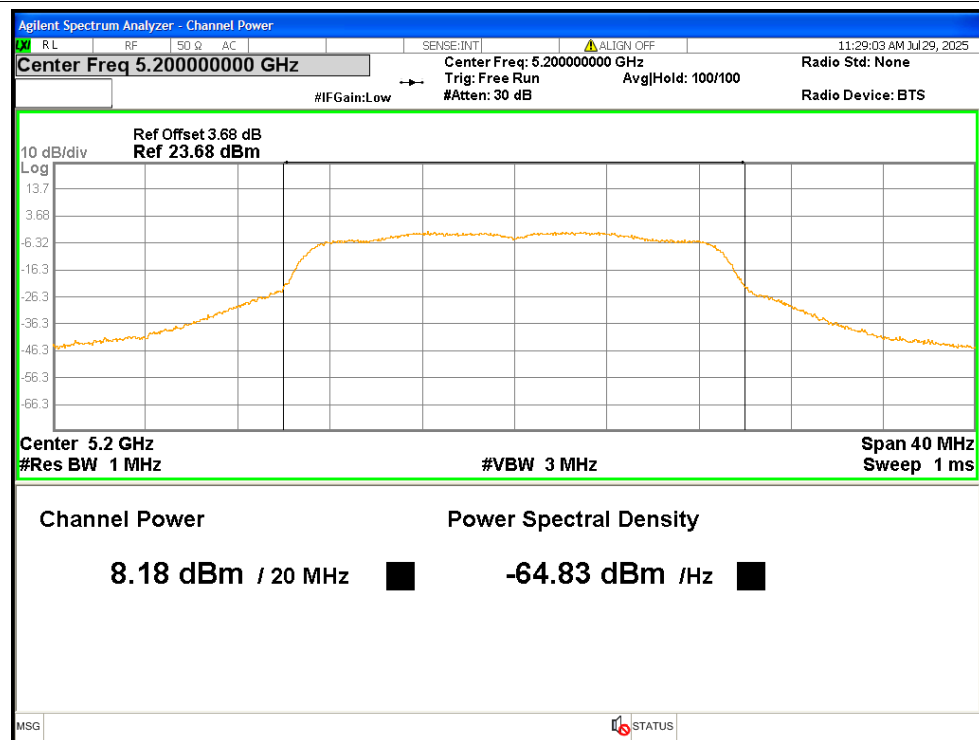
Power NVNT n20 5180MHz Ant2



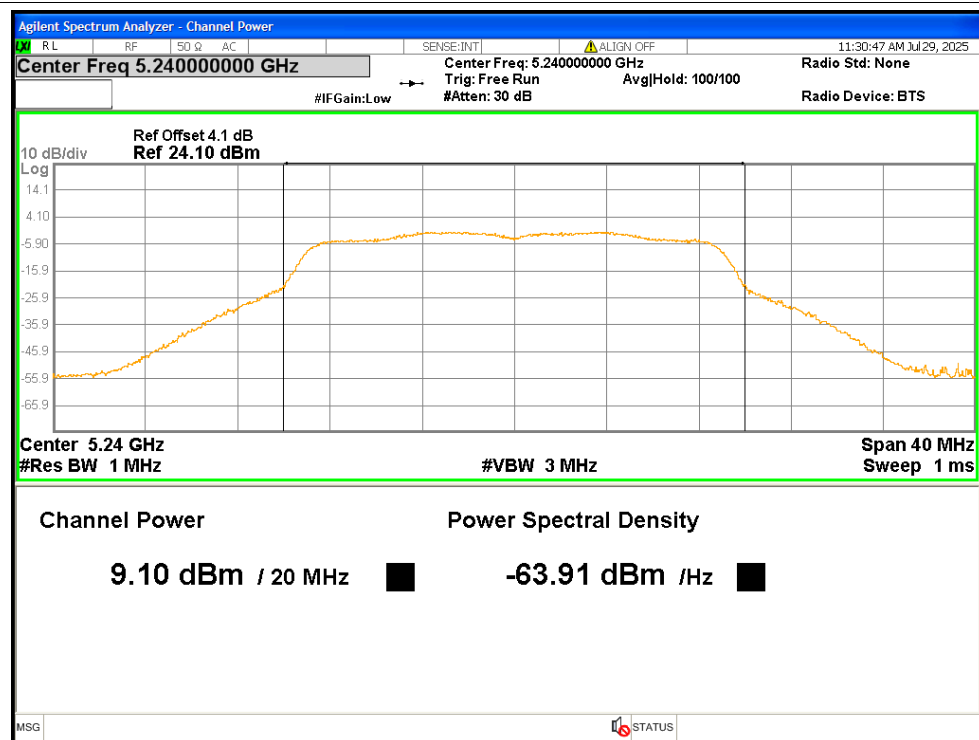
Power NVNT n20 5200MHz Ant1



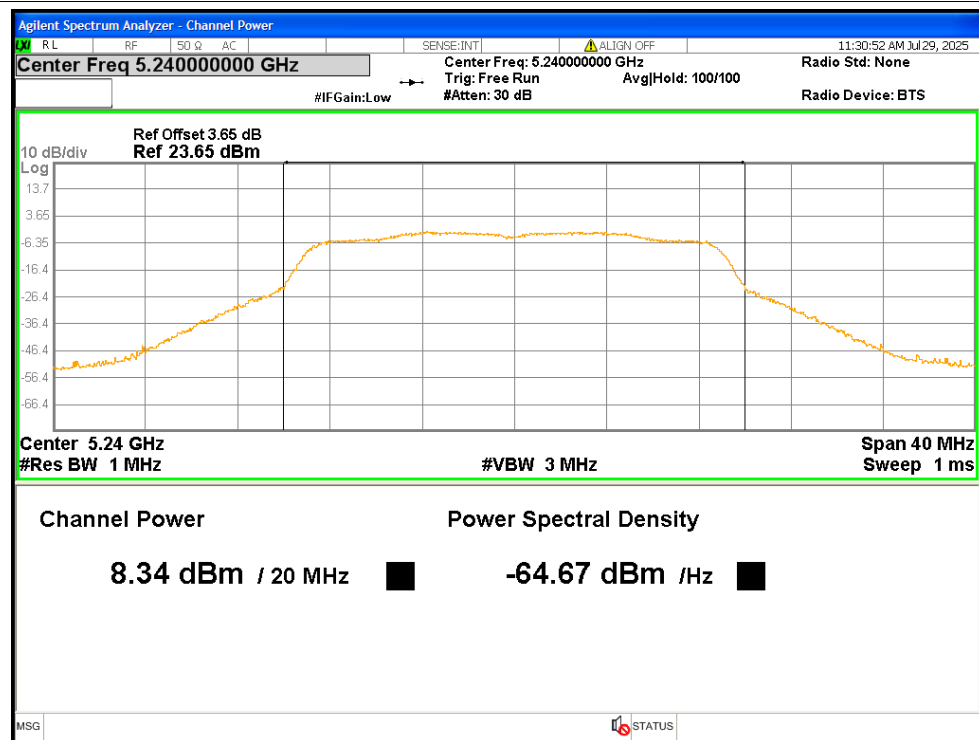
Power NVNT n20 5200MHz Ant2



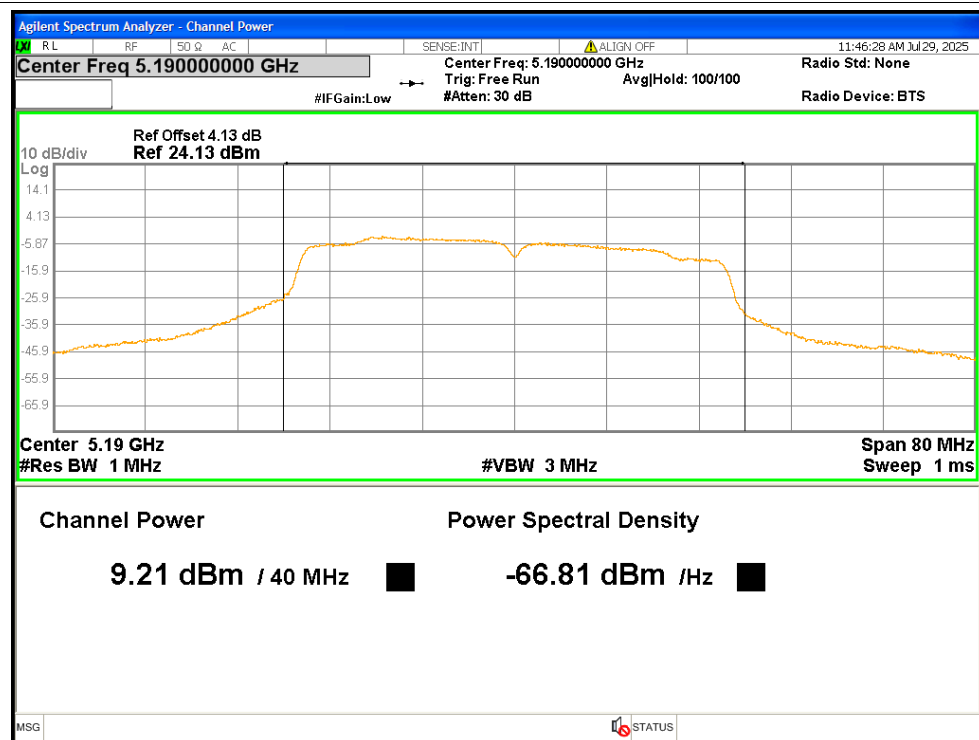
Power NVNT n20 5240MHz Ant1



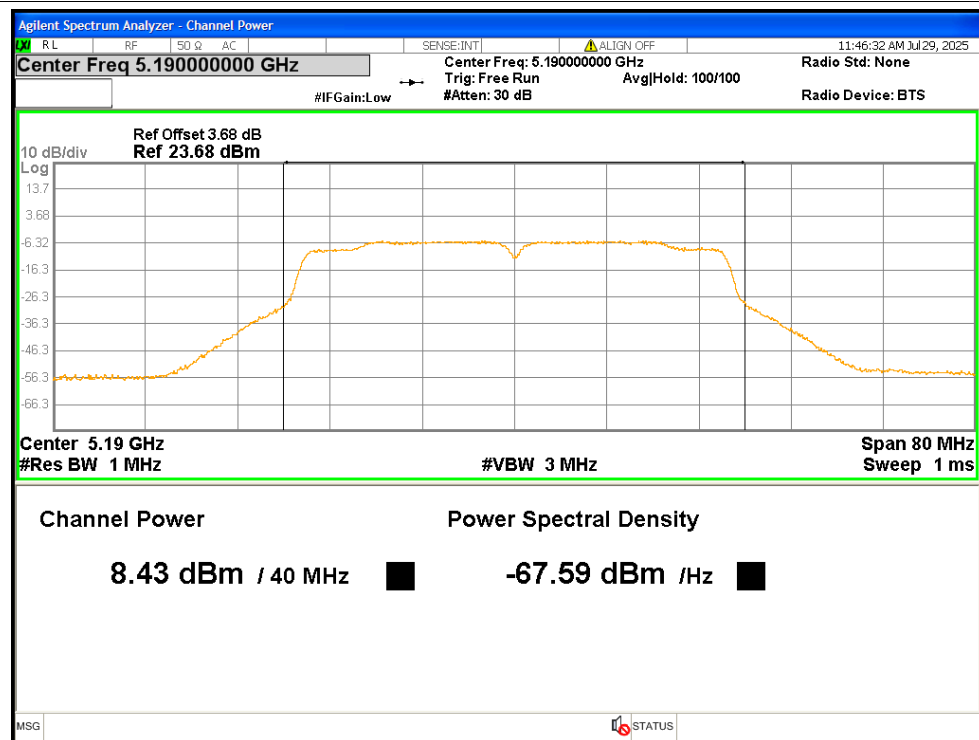
Power NVNT n20 5240MHz Ant2



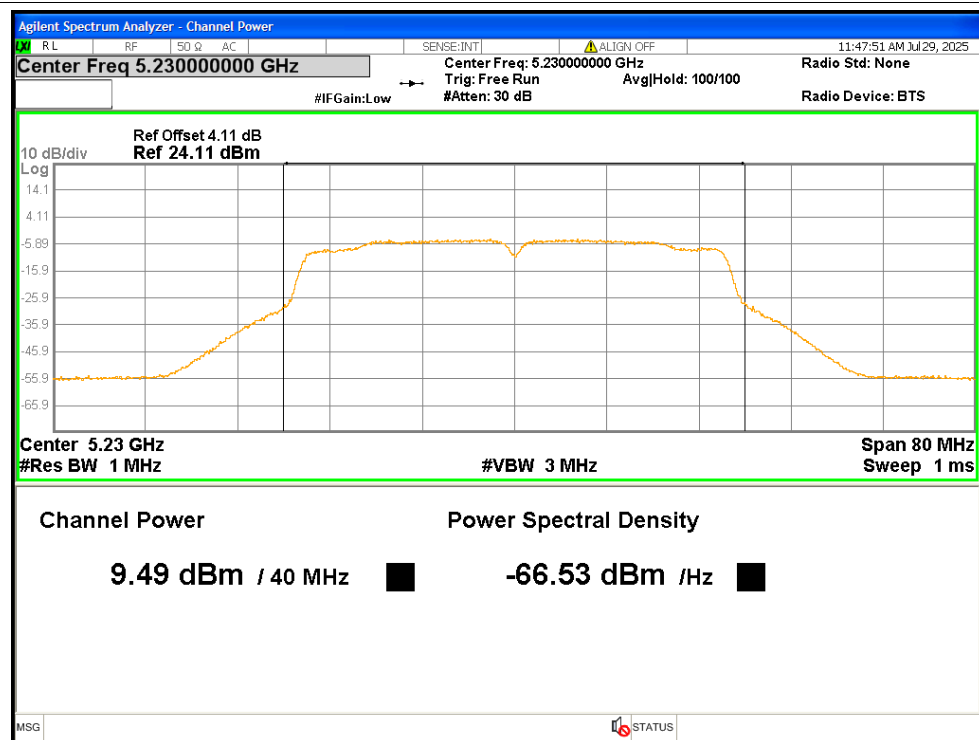
Power NVNT n40 5190MHz Ant1



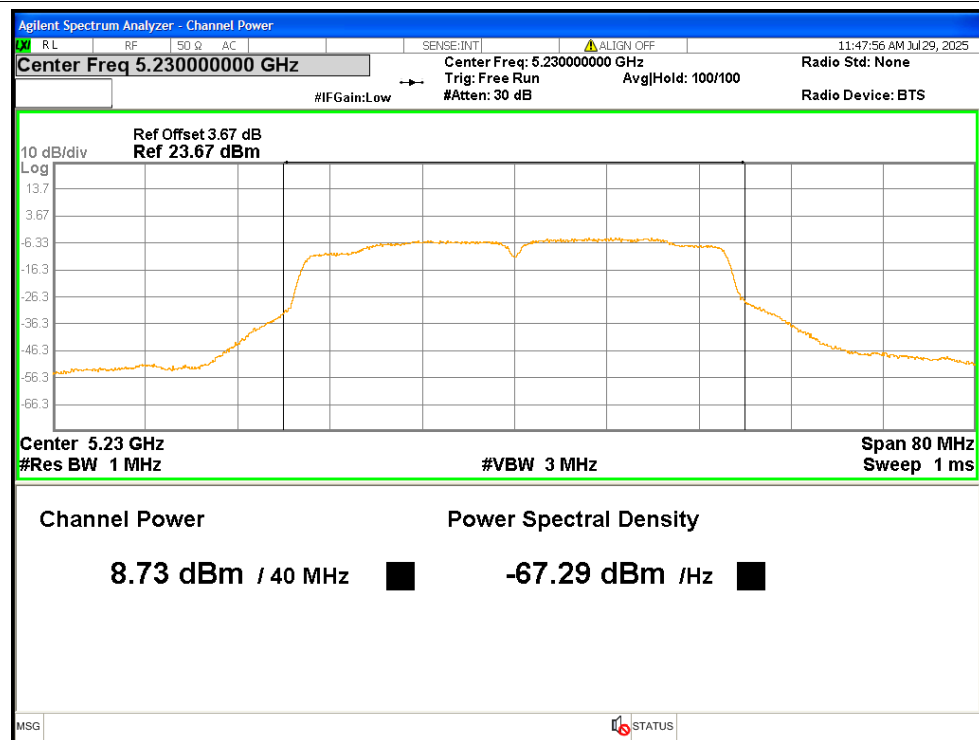
Power NVNT n40 5190MHz Ant2



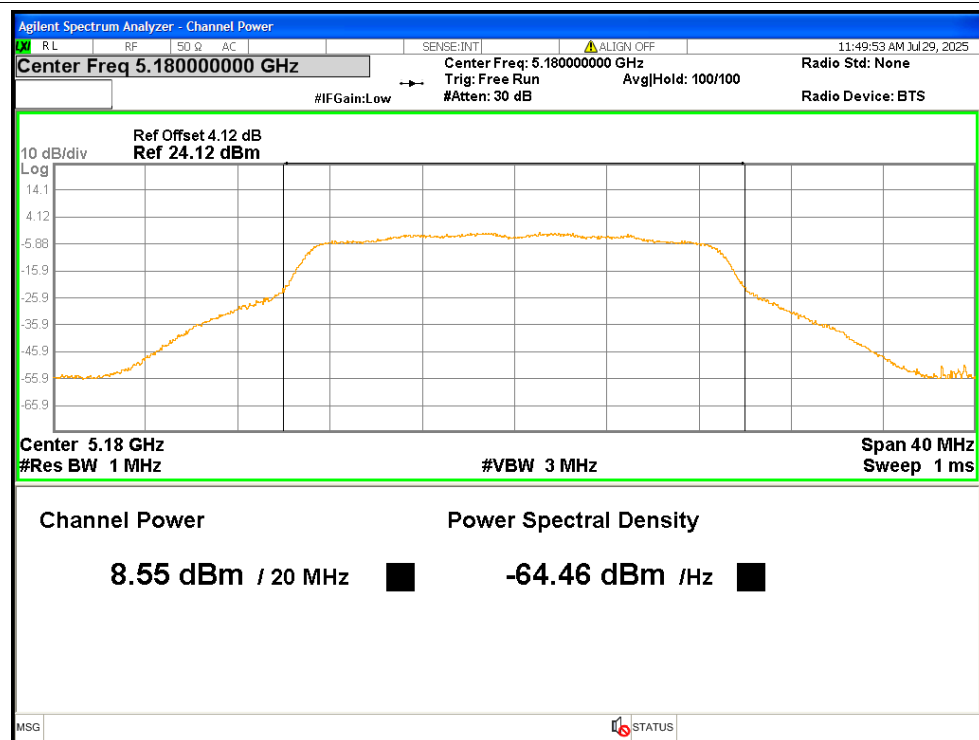
Power NVNT n40 5230MHz Ant1



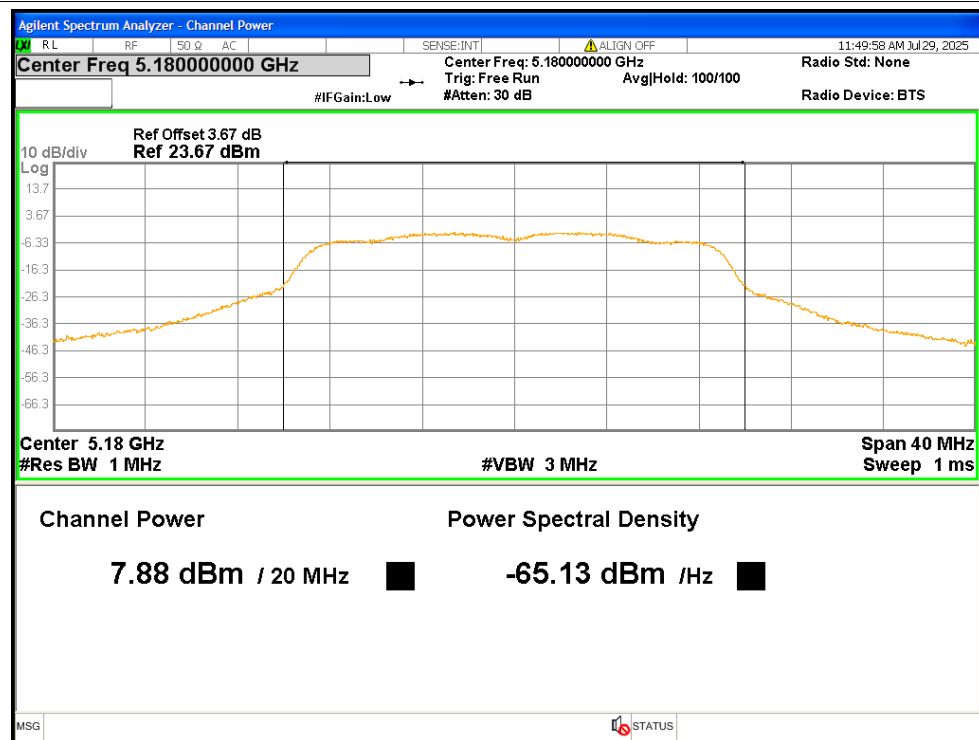
Power NVNT n40 5230MHz Ant2



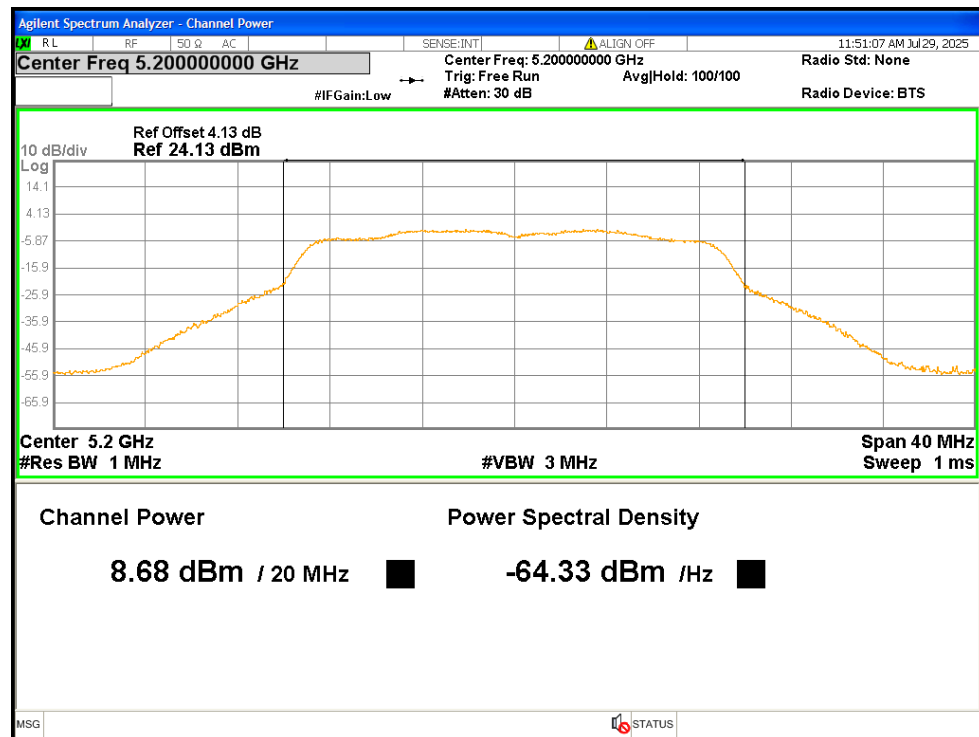
Power NVNT ac20 5180MHz Ant1



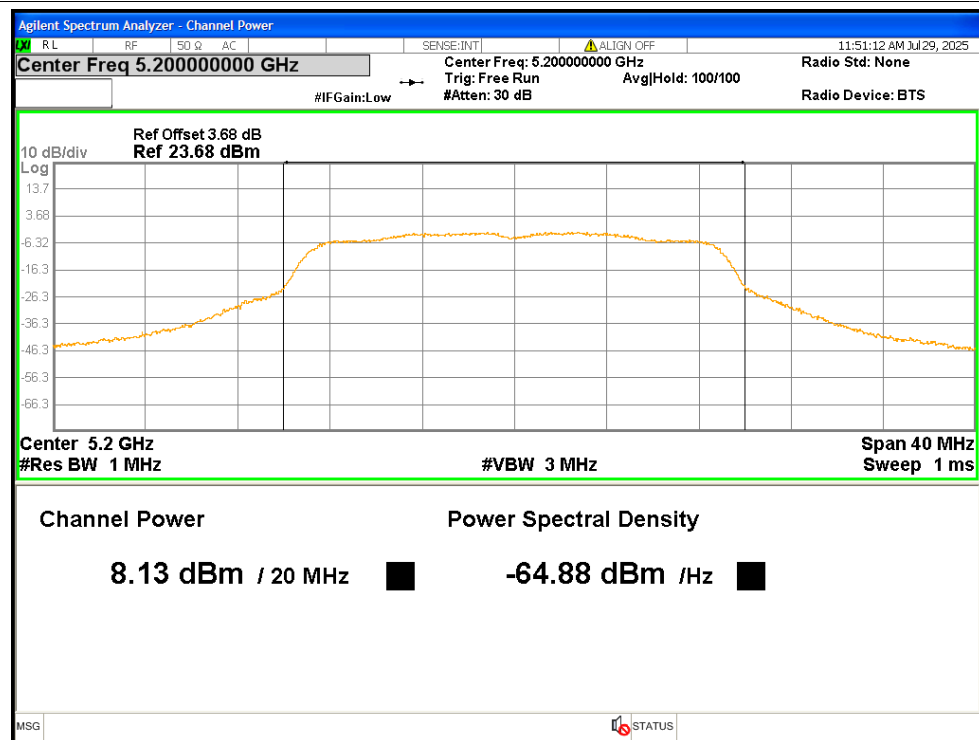
Power NVNT ac20 5180MHz Ant2



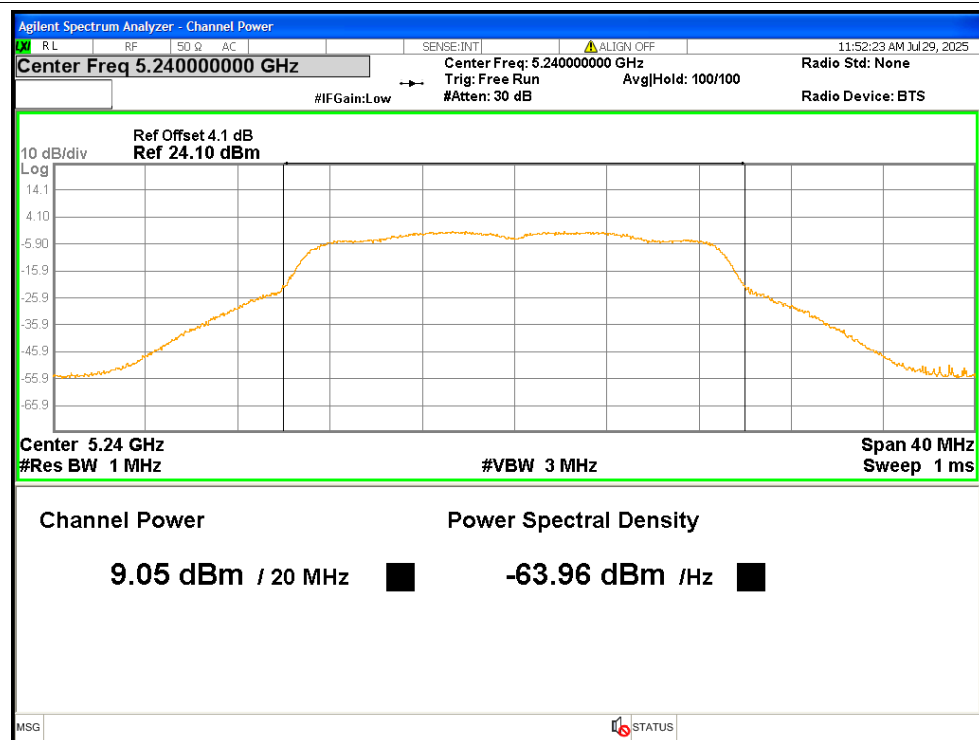
Power NVNT ac20 5200MHz Ant1



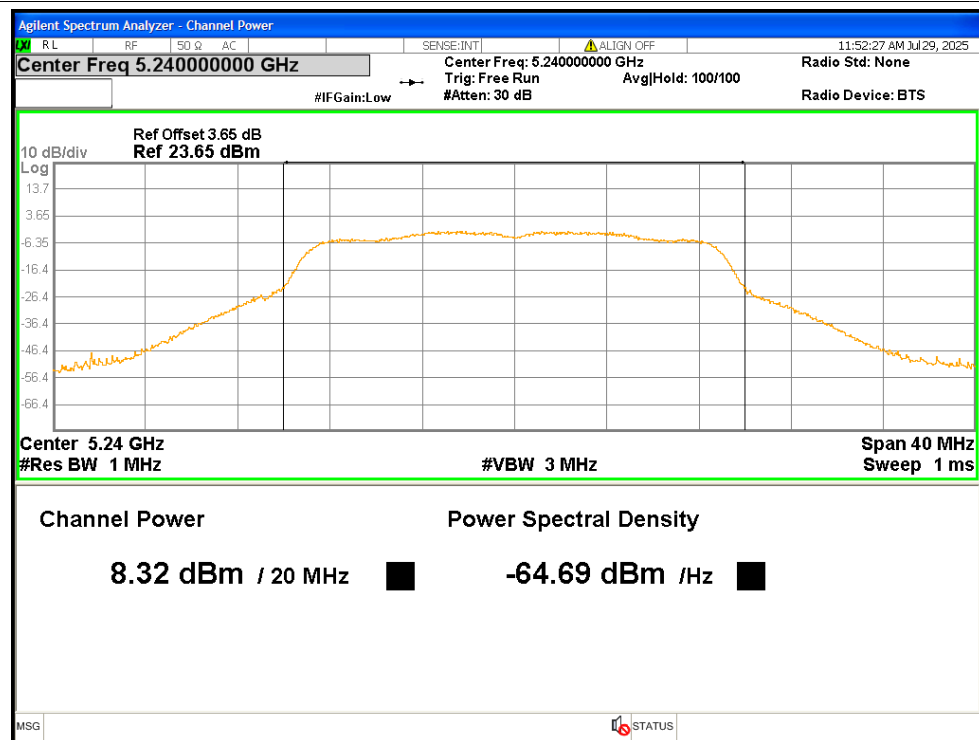
Power NVNT ac20 5200MHz Ant2



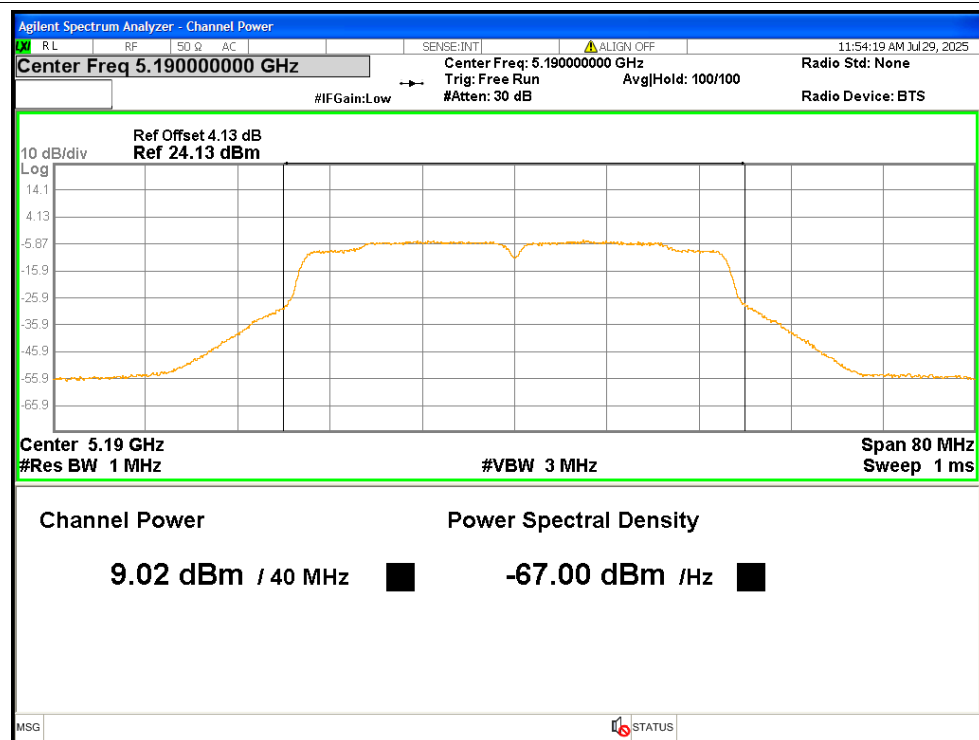
Power NVNT ac20 5240MHz Ant1



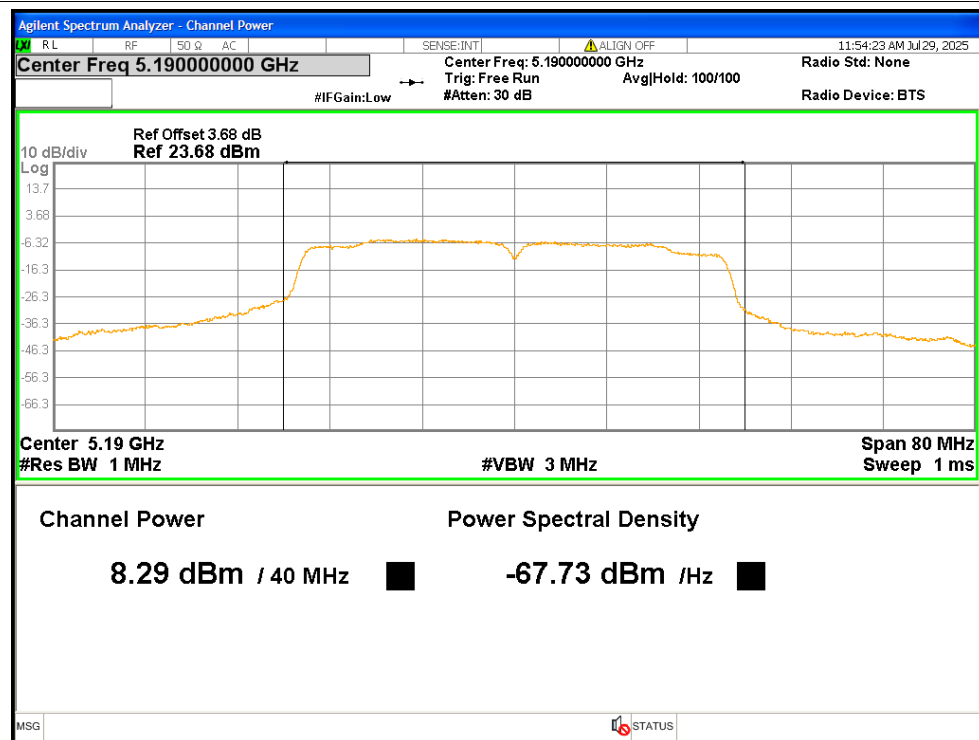
Power NVNT ac20 5240MHz Ant2



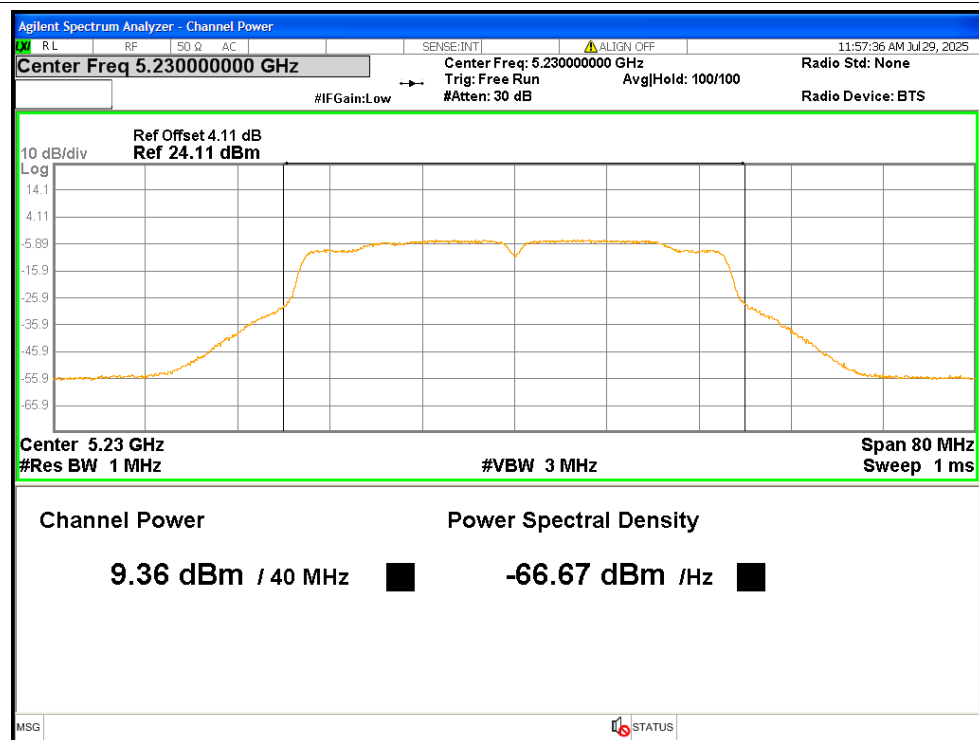
Power NVNT ac40 5190MHz Ant1



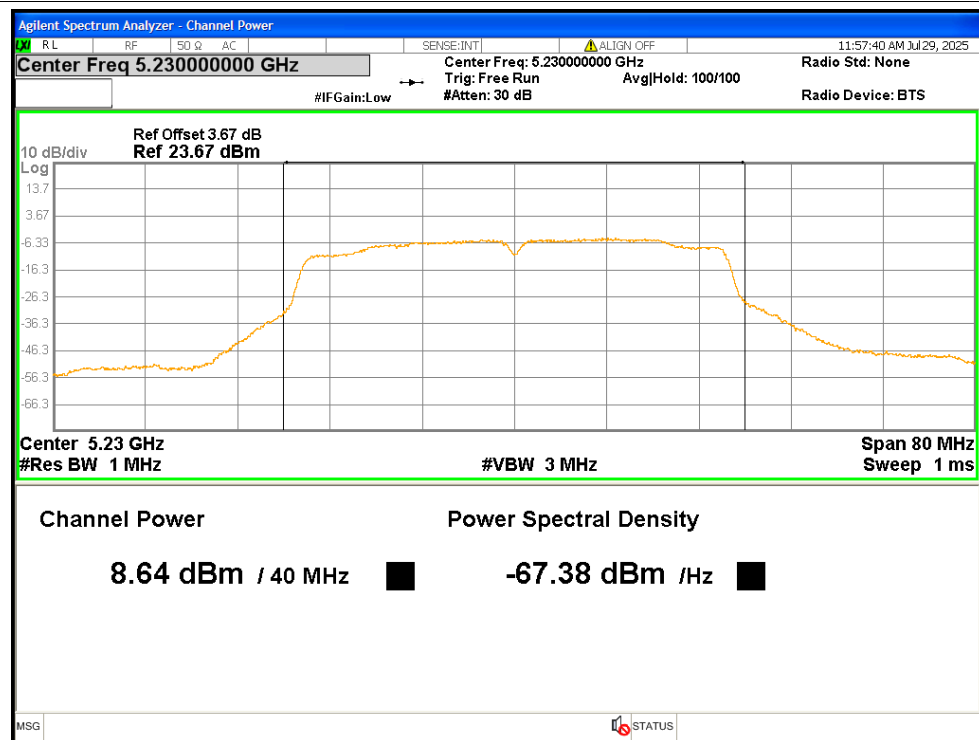
Power NVNT ac40 5190MHz Ant2



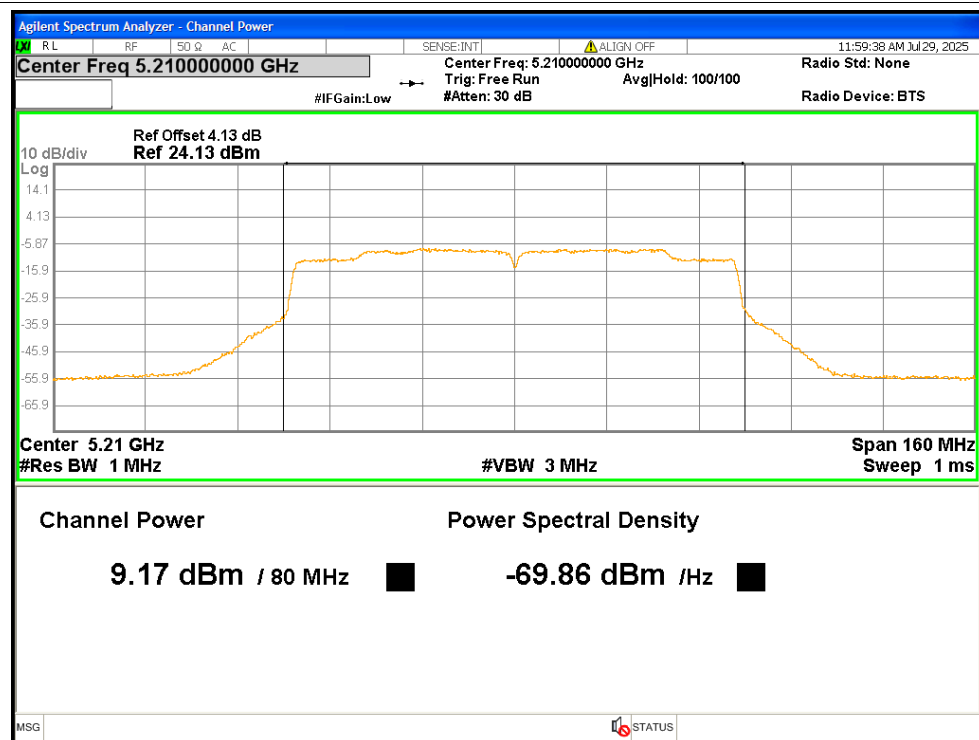
Power NVNT ac40 5230MHz Ant1



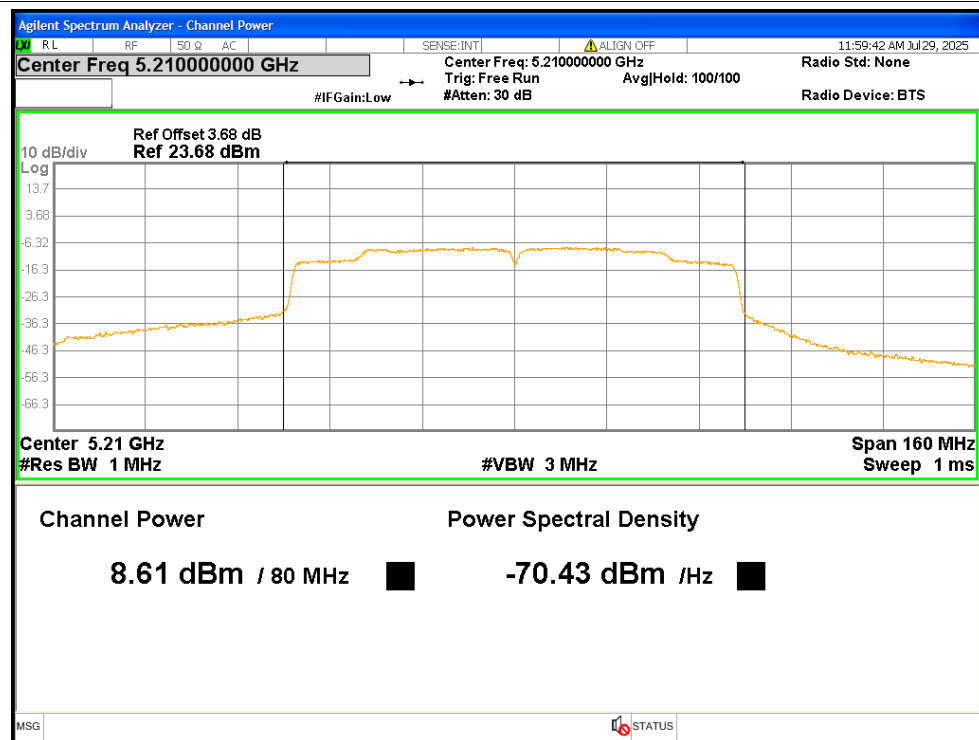
Power NVNT ac40 5230MHz Ant2



Power NVNT ac80 5210MHz Ant1



Power NVNT ac80 5210MHz Ant2

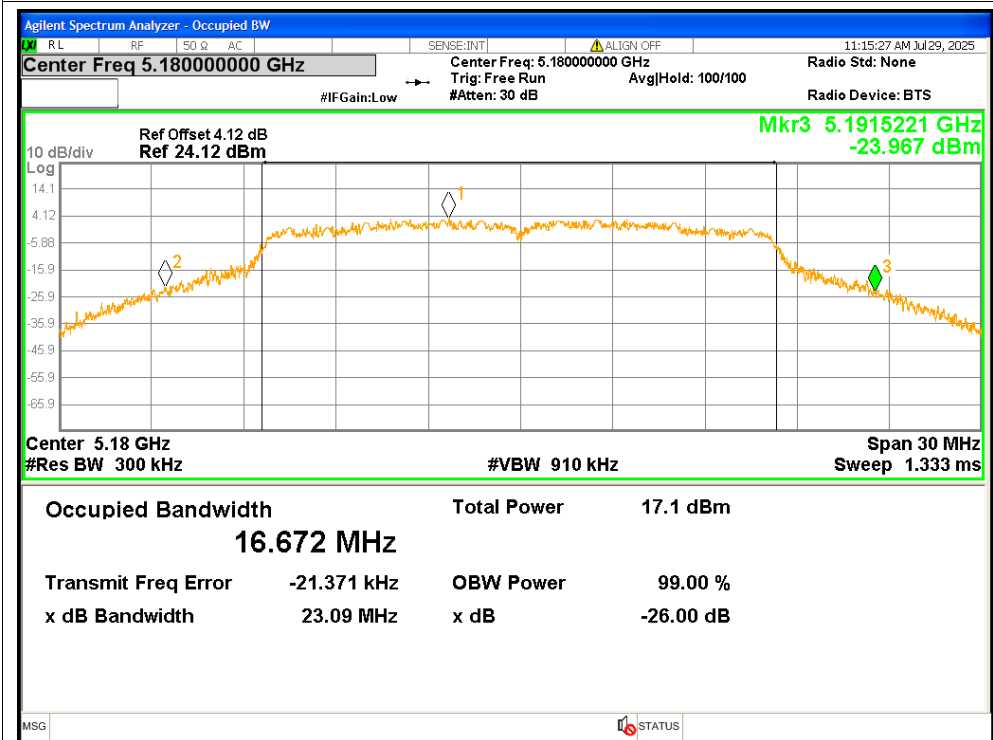


-26dB Bandwidth

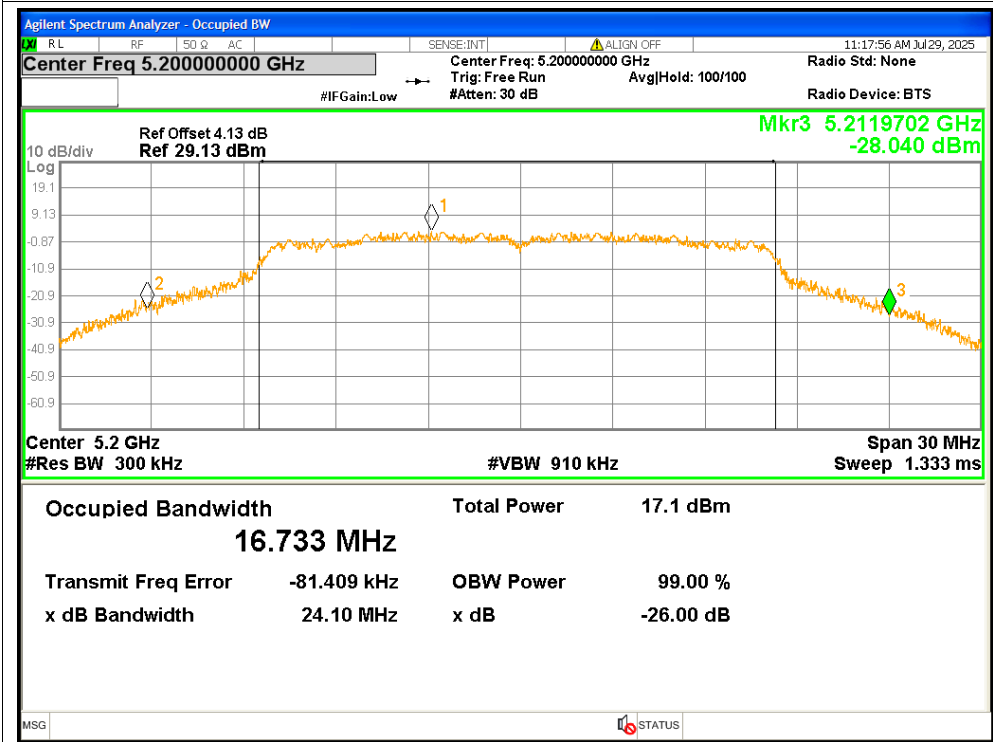
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	23.087	Pass
NVNT	a	5200	Ant1	24.1032	Pass
NVNT	a	5240	Ant1	24.1402	Pass
NVNT	a	5180	Ant2	25.2195	Pass
NVNT	a	5200	Ant2	23.524	Pass
NVNT	a	5240	Ant2	23.0672	Pass
NVNT	n20	5180	Ant1	24.6123	Pass
NVNT	n20	5180	Ant2	23.6639	Pass
NVNT	n20	5200	Ant1	24.4583	Pass
NVNT	n20	5200	Ant2	23.9991	Pass
NVNT	n20	5240	Ant1	24.0265	Pass
NVNT	n20	5240	Ant2	24.0363	Pass
NVNT	n40	5190	Ant1	43.0074	Pass
NVNT	n40	5190	Ant2	43.4581	Pass
NVNT	n40	5230	Ant1	44.2967	Pass
NVNT	n40	5230	Ant2	42.156	Pass
NVNT	ac20	5180	Ant1	23.5876	Pass
NVNT	ac20	5180	Ant2	24.9568	Pass
NVNT	ac20	5200	Ant1	24.1358	Pass
NVNT	ac20	5200	Ant2	23.9959	Pass
NVNT	ac20	5240	Ant1	24.1005	Pass
NVNT	ac20	5240	Ant2	23.6377	Pass
NVNT	ac40	5190	Ant1	44.2384	Pass
NVNT	ac40	5190	Ant2	45.6242	Pass
NVNT	ac40	5230	Ant1	42.3423	Pass
NVNT	ac40	5230	Ant2	42.666	Pass
NVNT	ac80	5210	Ant1	84.2601	Pass
NVNT	ac80	5210	Ant2	89.618	Pass

Test Graphs

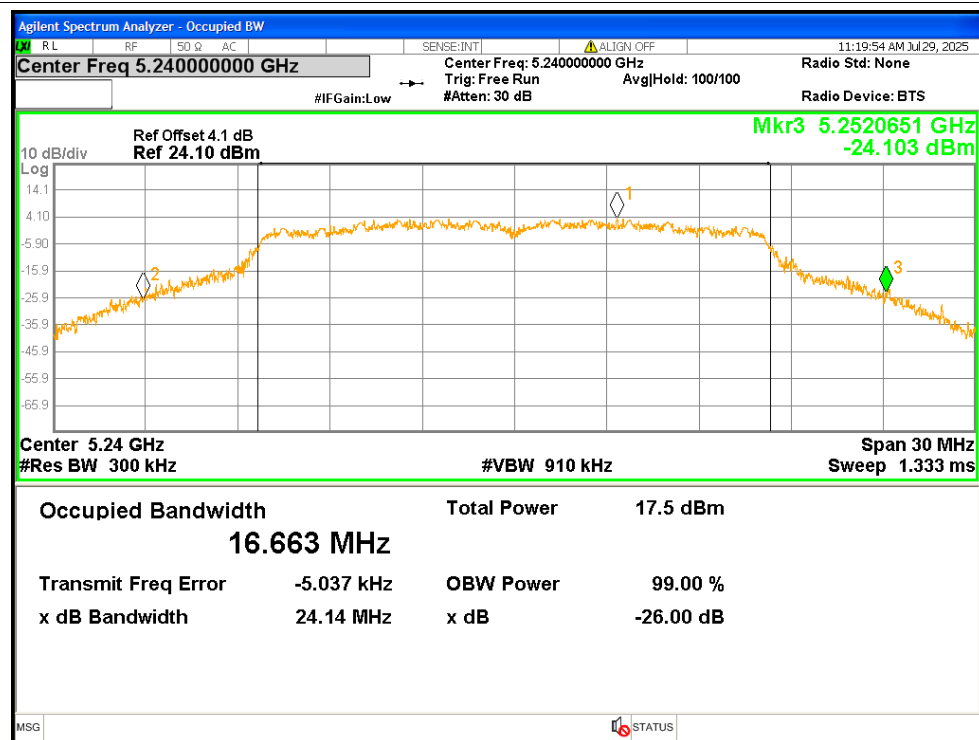
-26dB Bandwidth NVNT a 5180MHz Ant1



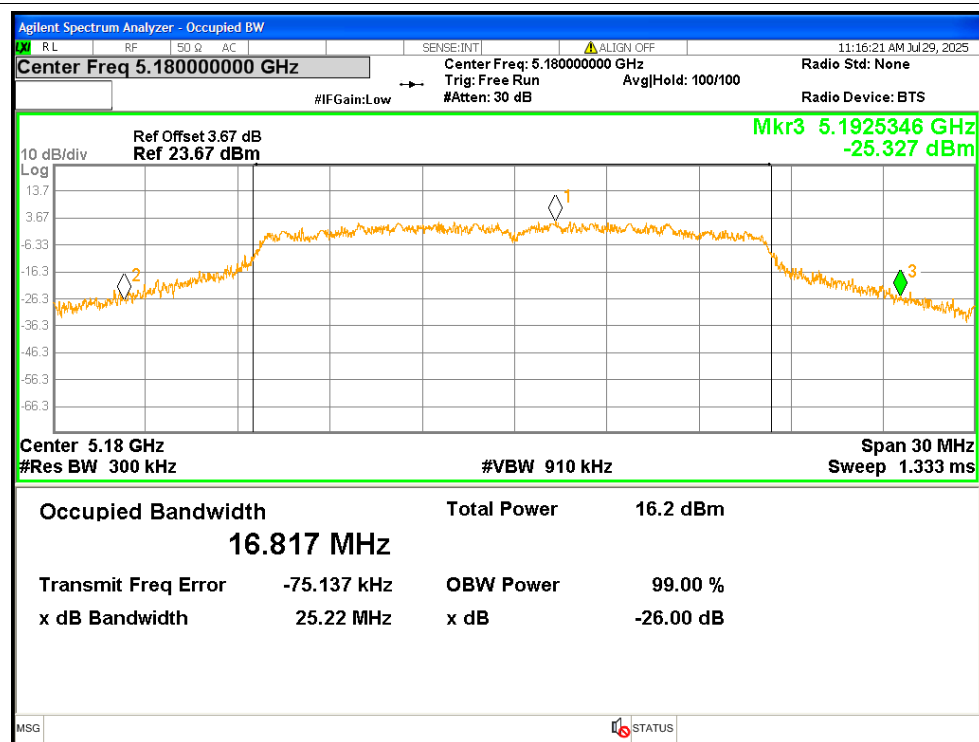
-26dB Bandwidth NVNT a 5200MHz Ant1



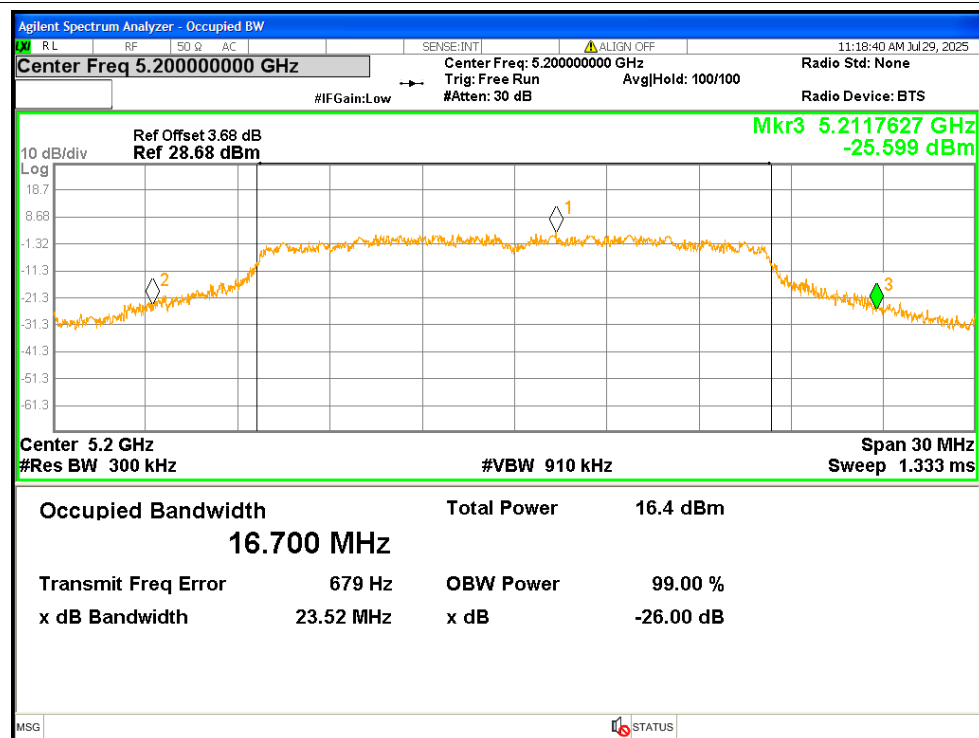
-26dB Bandwidth NVNT a 5240MHz Ant1



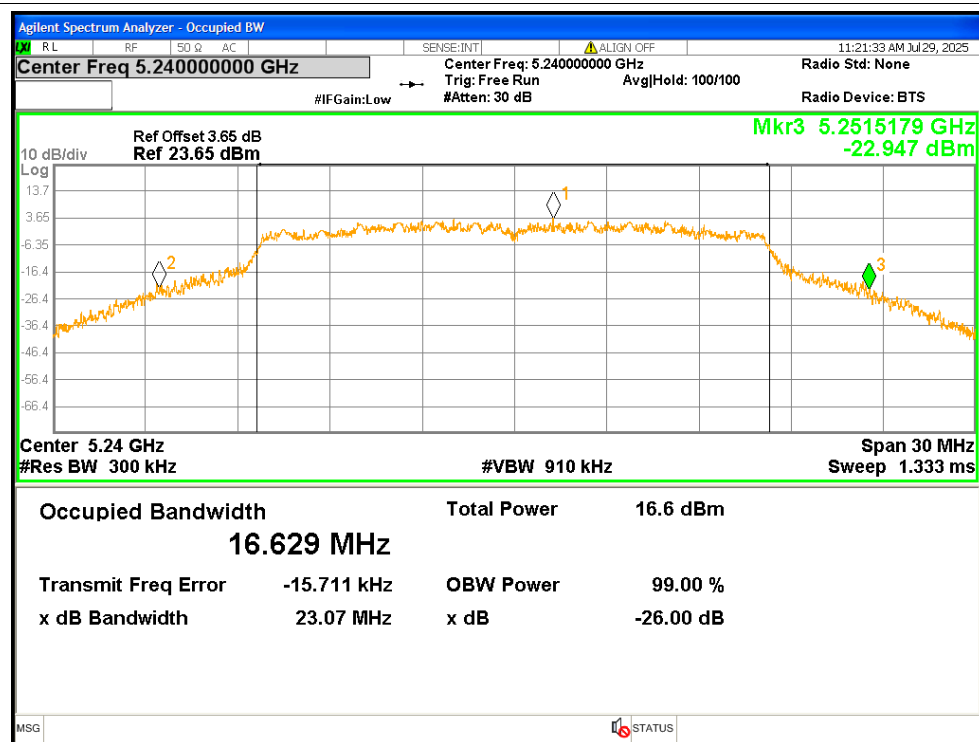
-26dB Bandwidth NVNT a 5180MHz Ant2



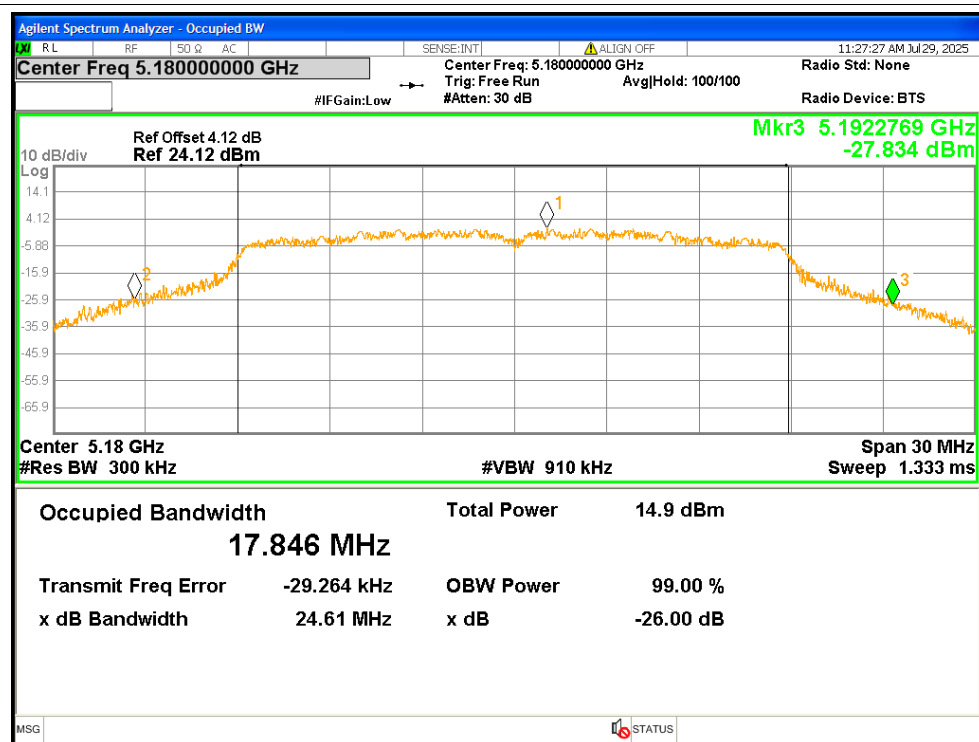
-26dB Bandwidth NVNT a 5200MHz Ant2



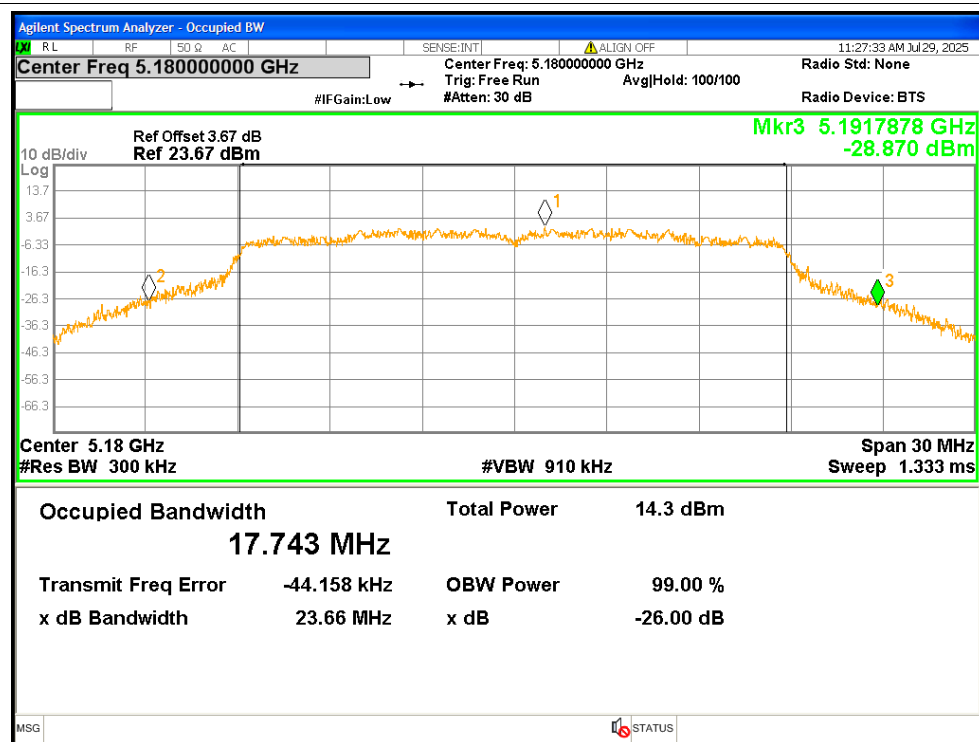
-26dB Bandwidth NVNT a 5240MHz Ant2



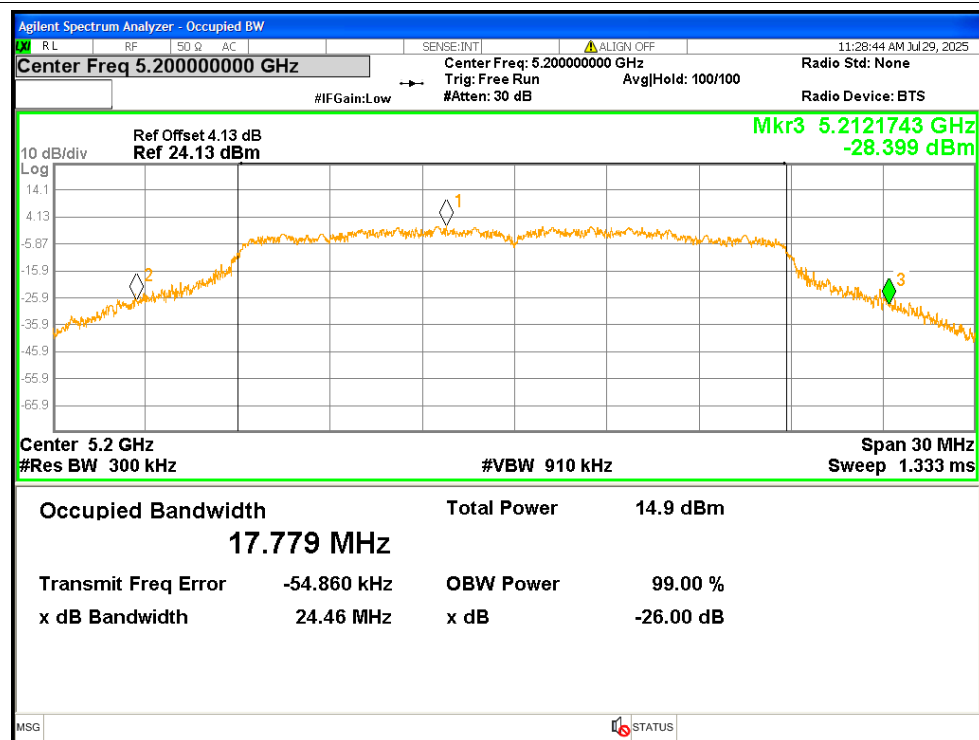
-26dB Bandwidth NVNT n20 5180MHz Ant1



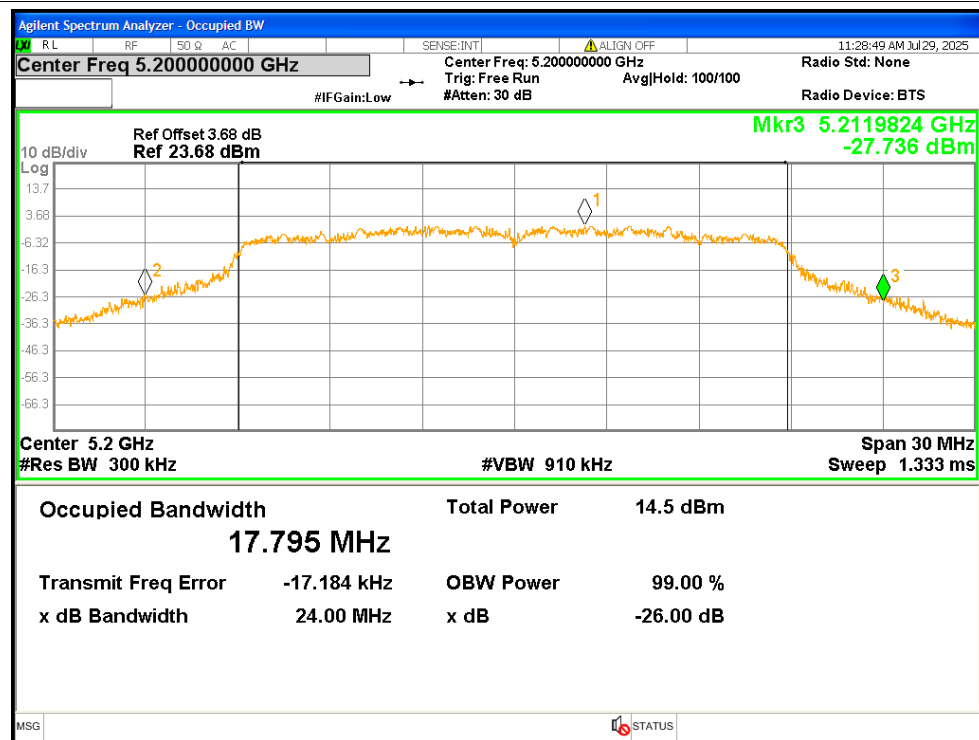
-26dB Bandwidth NVNT n20 5180MHz Ant2



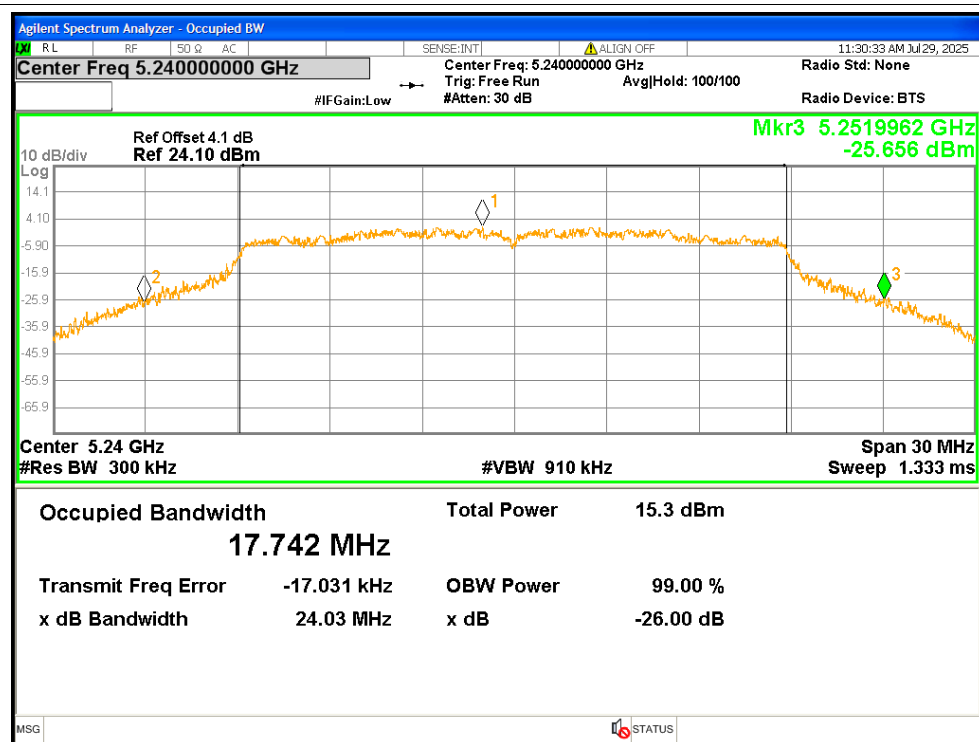
-26dB Bandwidth NVNT n20 5200MHz Ant1



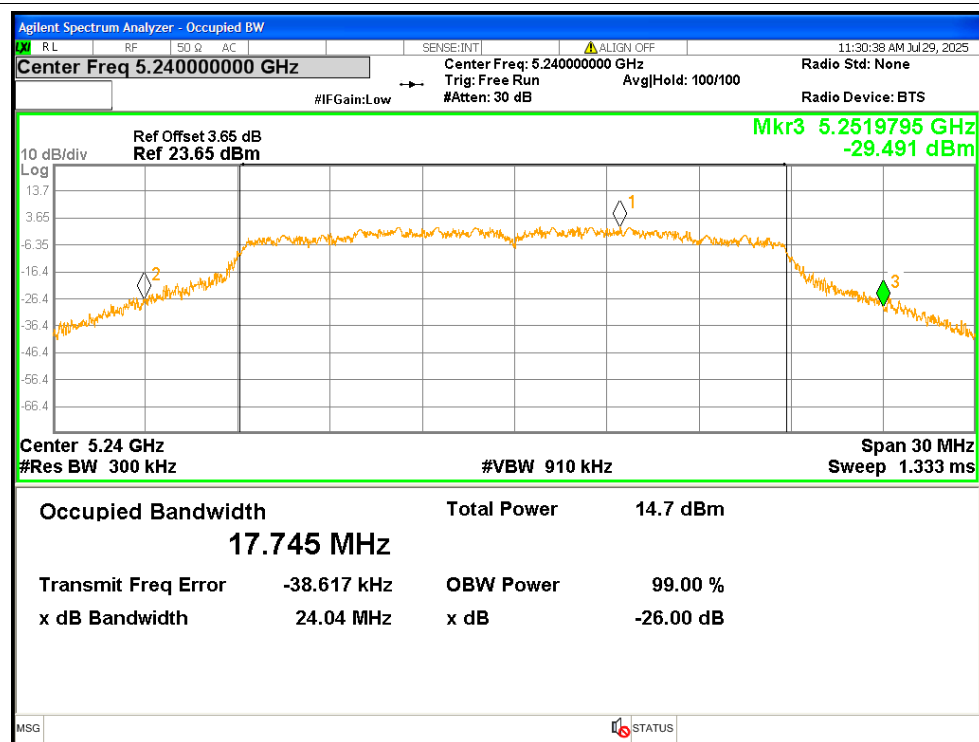
-26dB Bandwidth NVNT n20 5200MHz Ant2



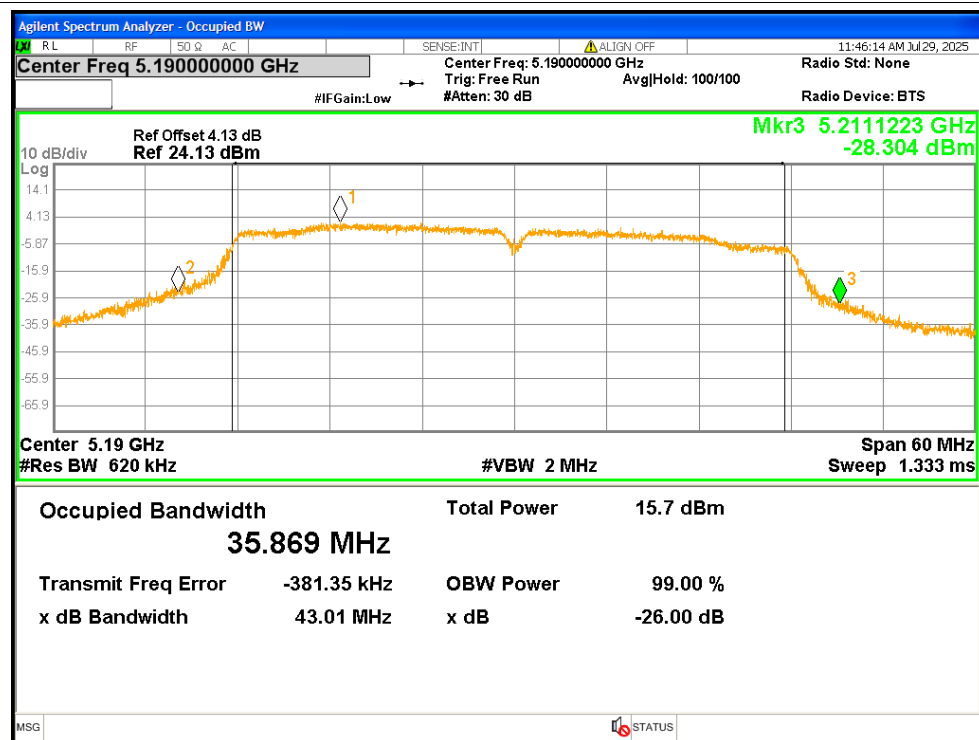
-26dB Bandwidth NVNT n20 5240MHz Ant1



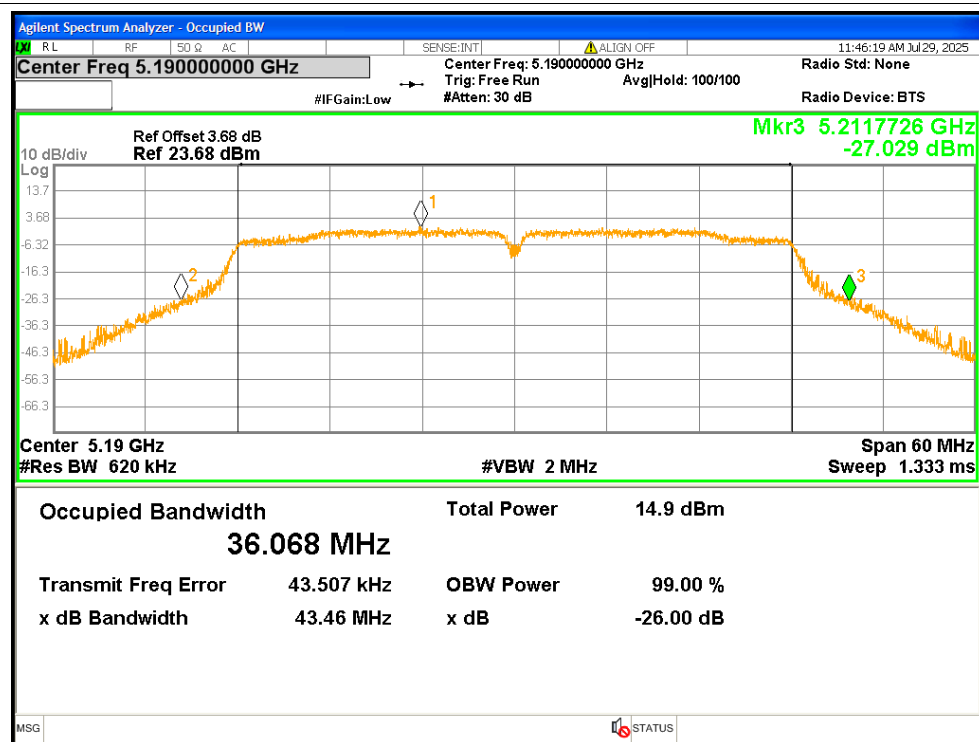
-26dB Bandwidth NVNT n20 5240MHz Ant2



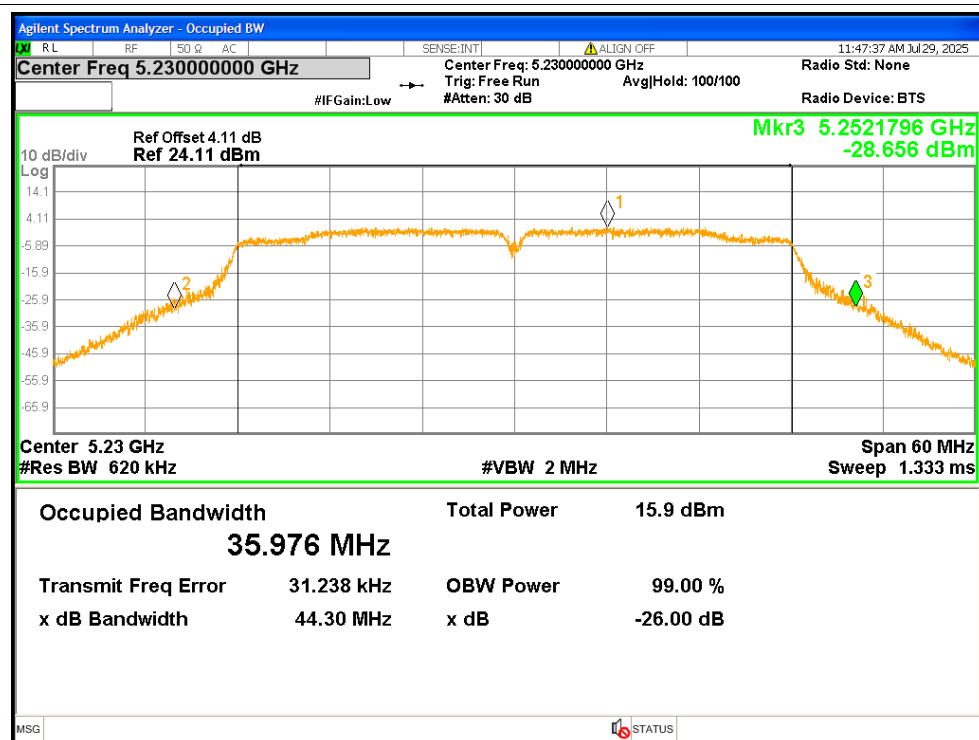
-26dB Bandwidth NVNT n40 5190MHz Ant1



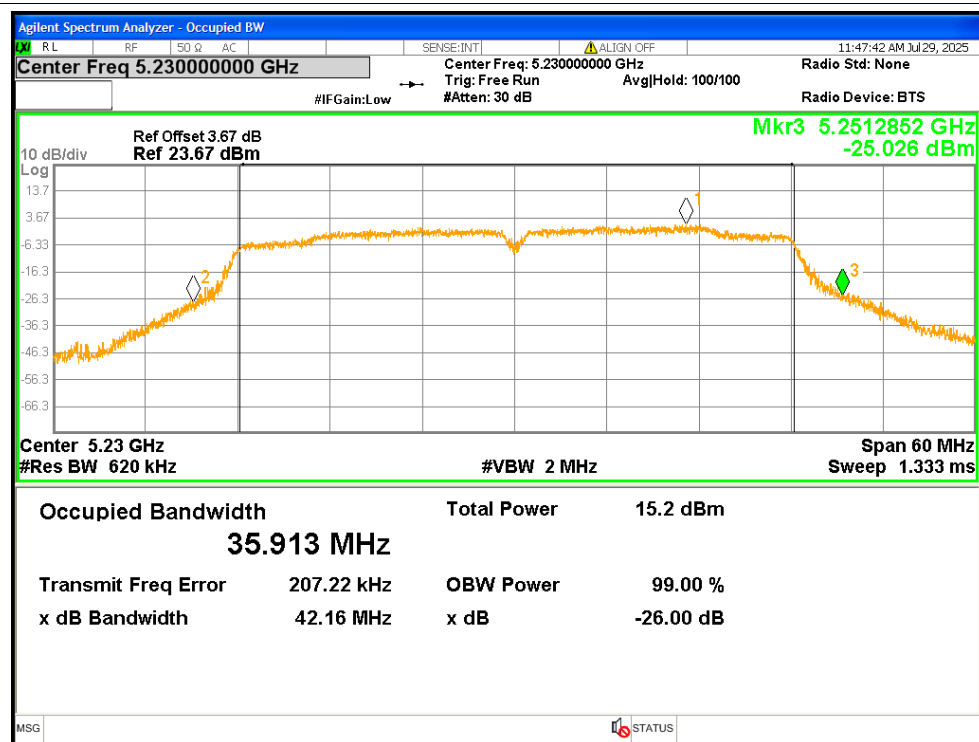
-26dB Bandwidth NVNT n40 5190MHz Ant2



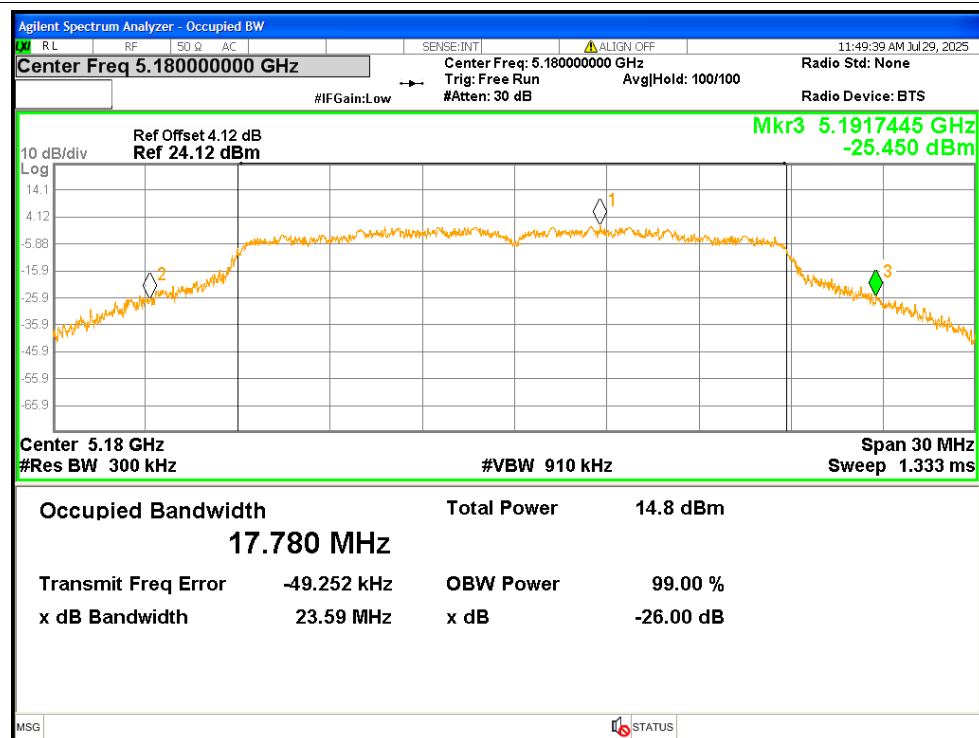
-26dB Bandwidth NVNT n40 5230MHz Ant1



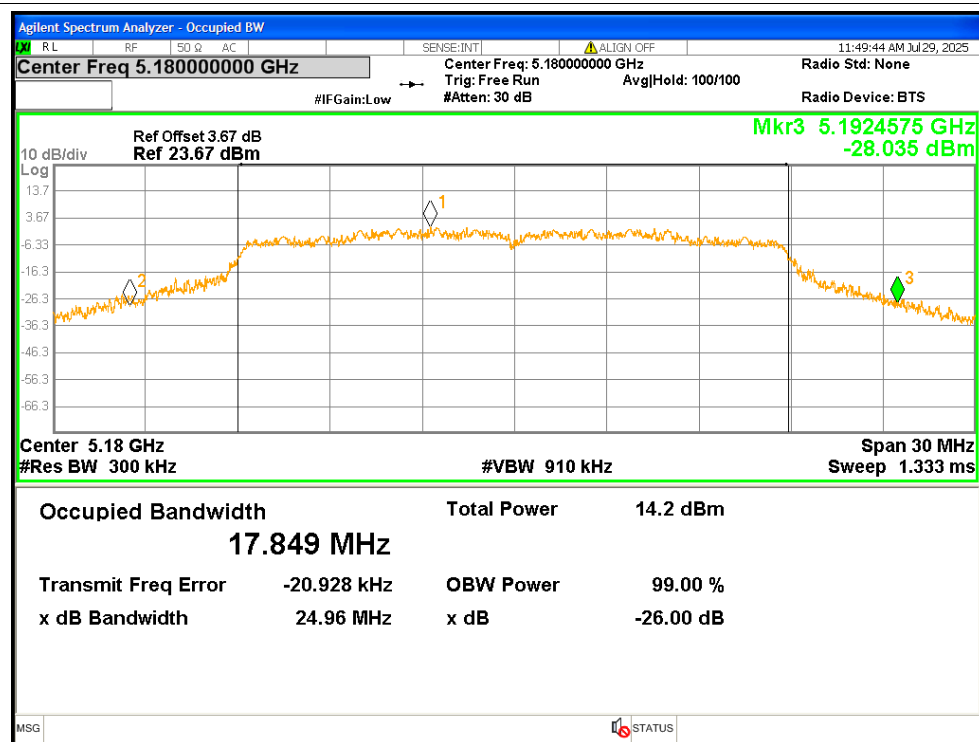
-26dB Bandwidth NVNT n40 5230MHz Ant2



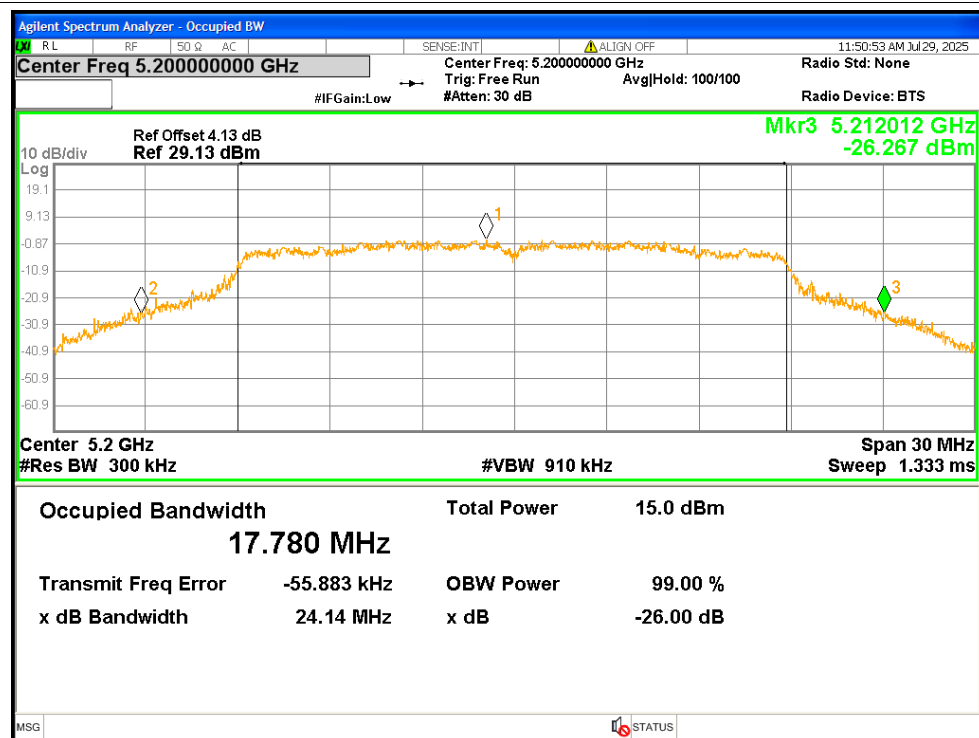
-26dB Bandwidth NVNT ac20 5180MHz Ant1



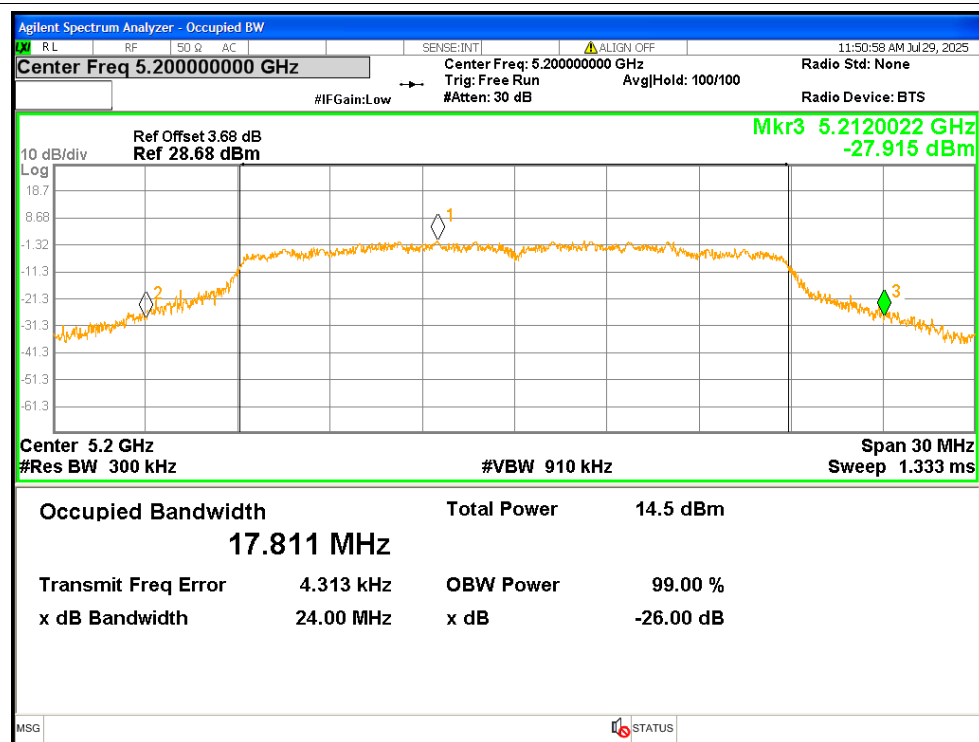
-26dB Bandwidth NVNT ac20 5180MHz Ant2



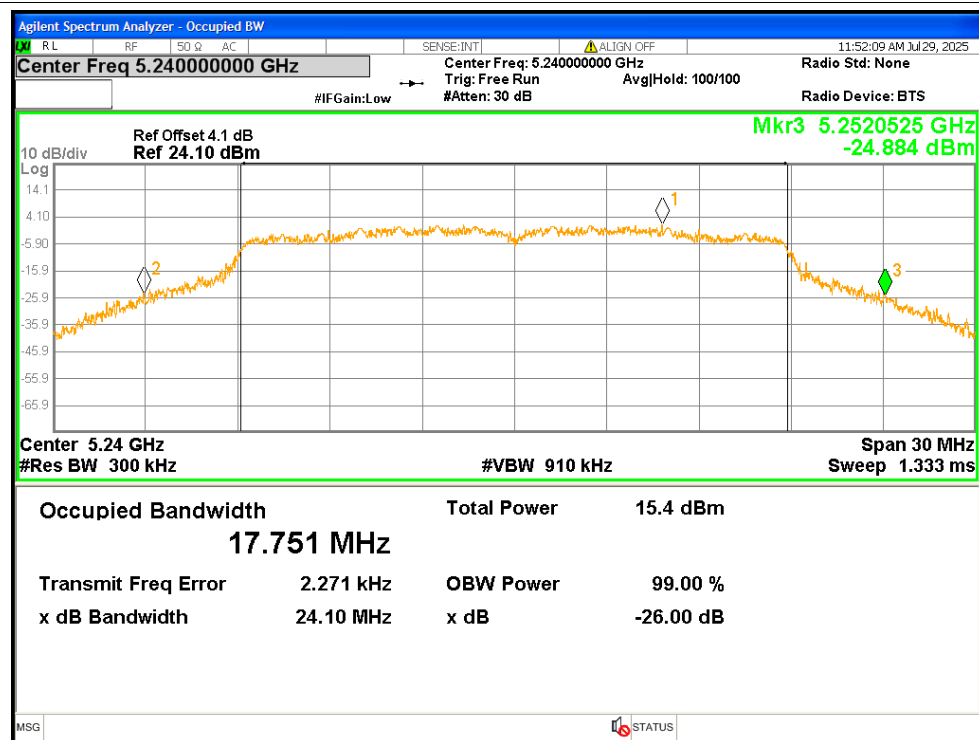
-26dB Bandwidth NVNT ac20 5200MHz Ant1



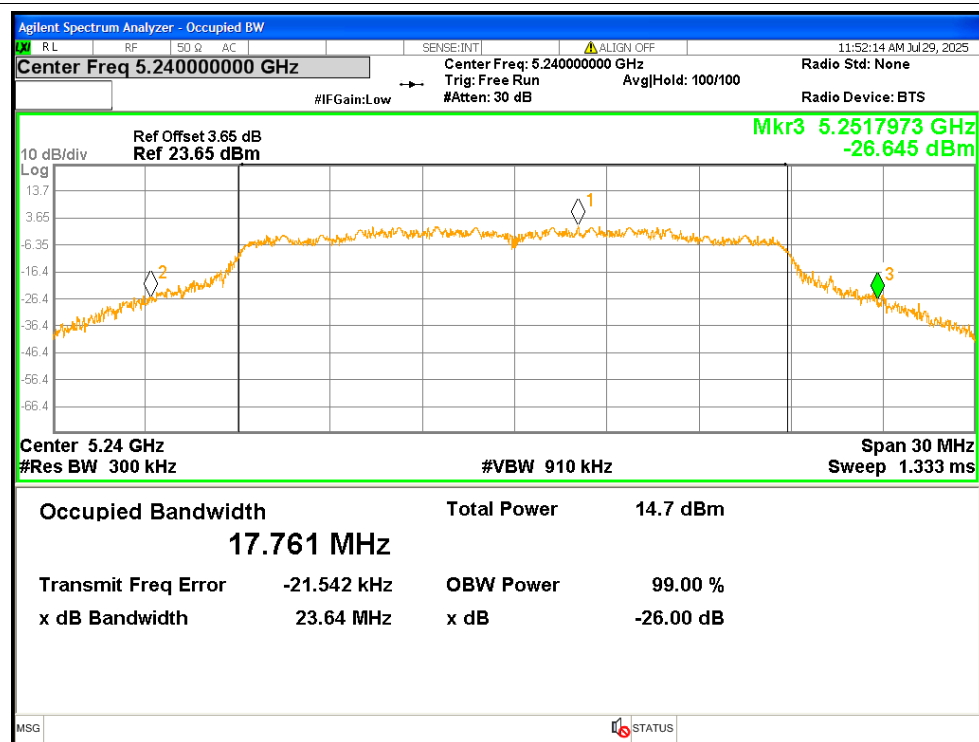
-26dB Bandwidth NVNT ac20 5200MHz Ant2



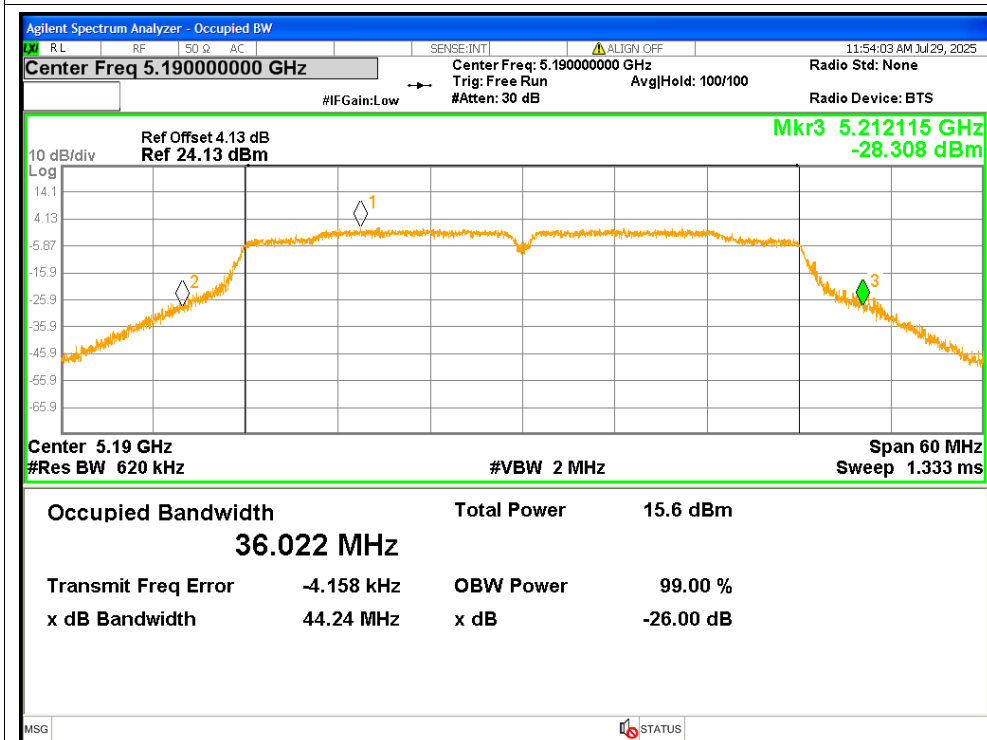
-26dB Bandwidth NVNT ac20 5240MHz Ant1



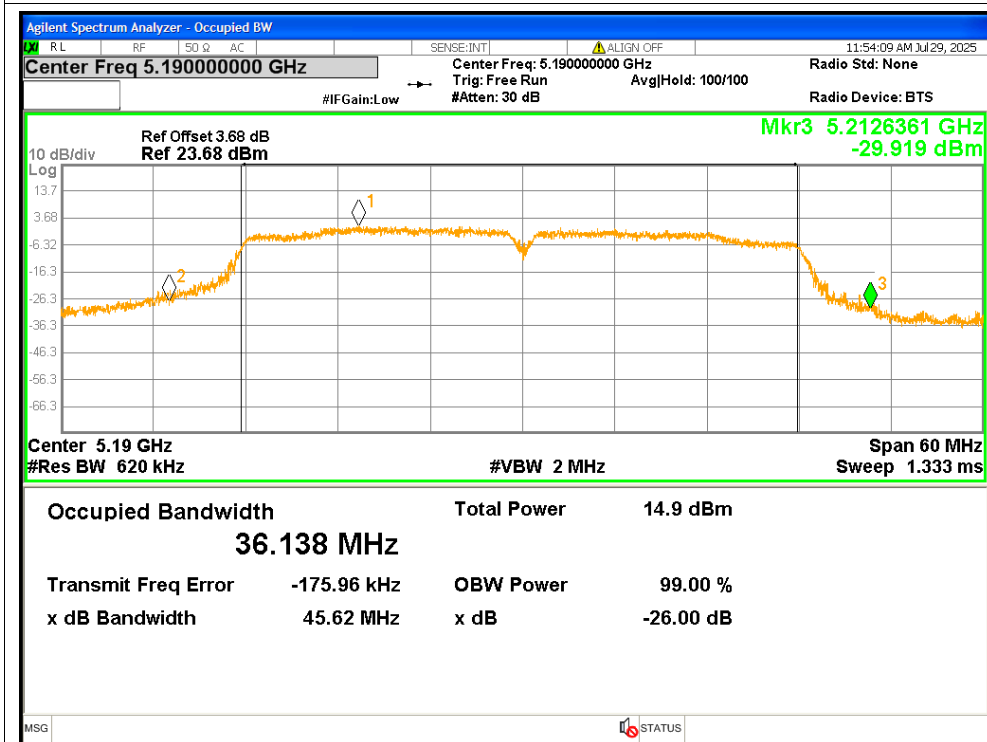
-26dB Bandwidth NVNT ac20 5240MHz Ant2



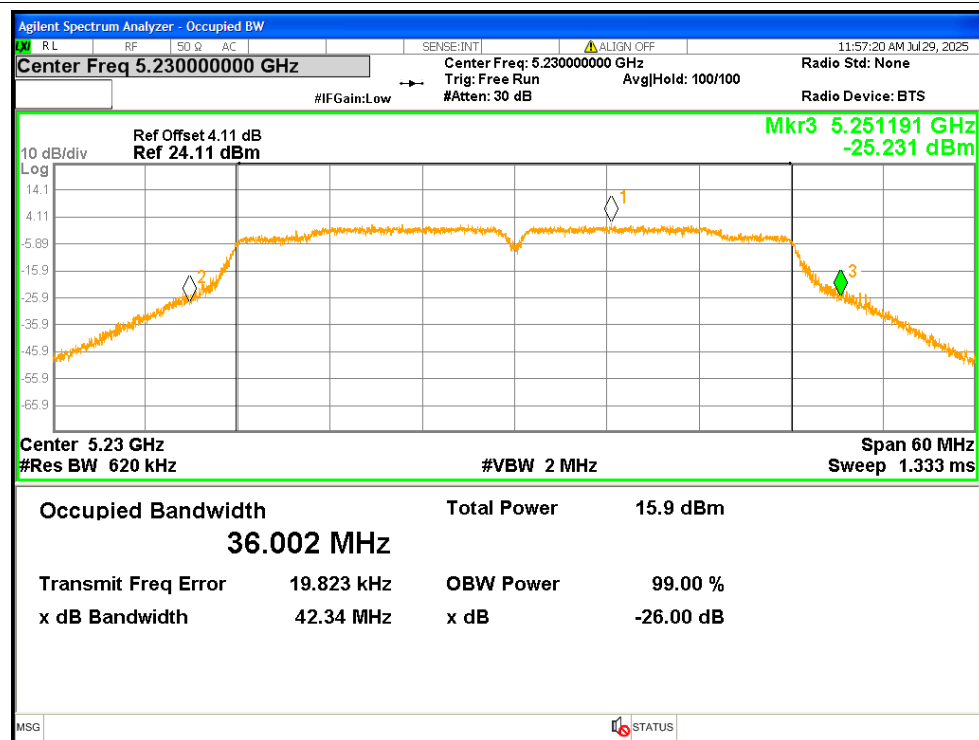
-26dB Bandwidth NVNT ac40 5190MHz Ant1



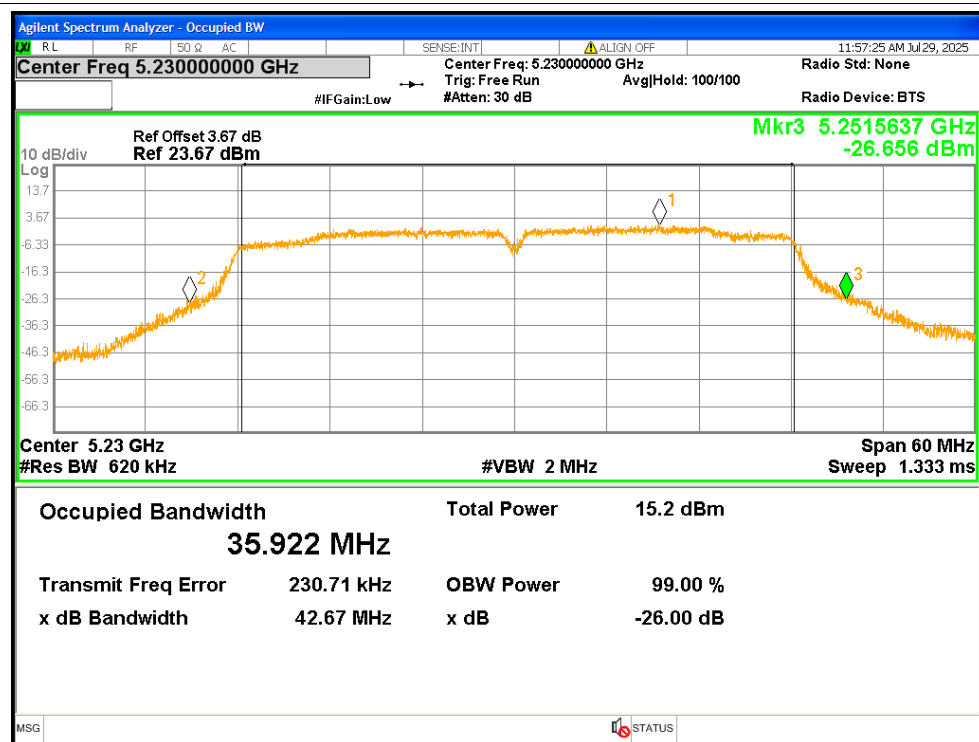
-26dB Bandwidth NVNT ac40 5190MHz Ant2



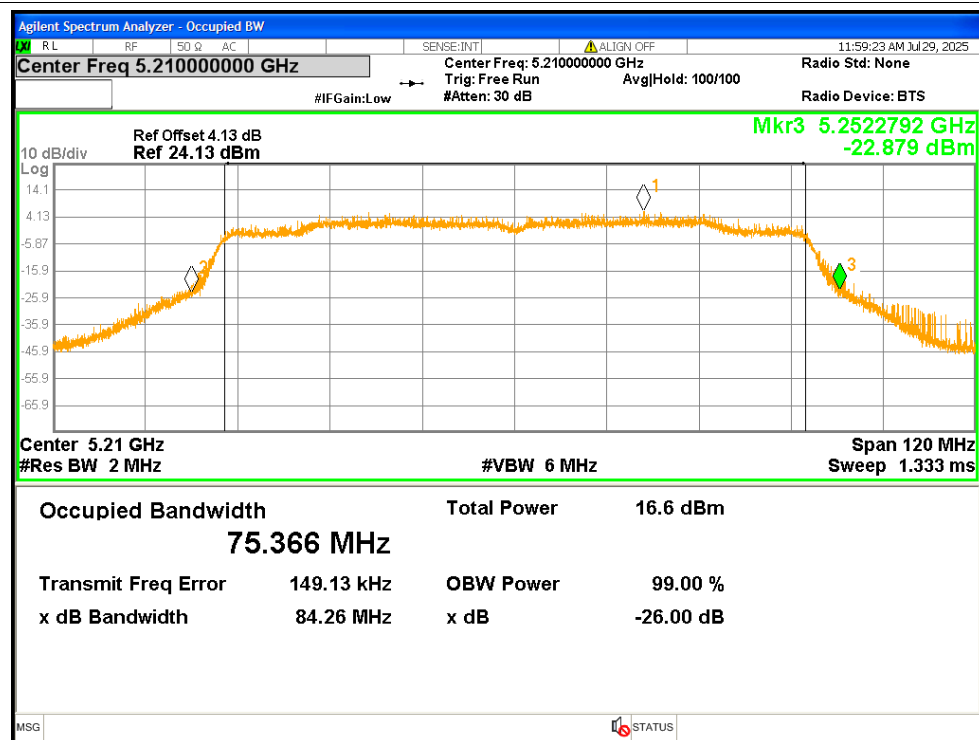
-26dB Bandwidth NVNT ac40 5230MHz Ant1



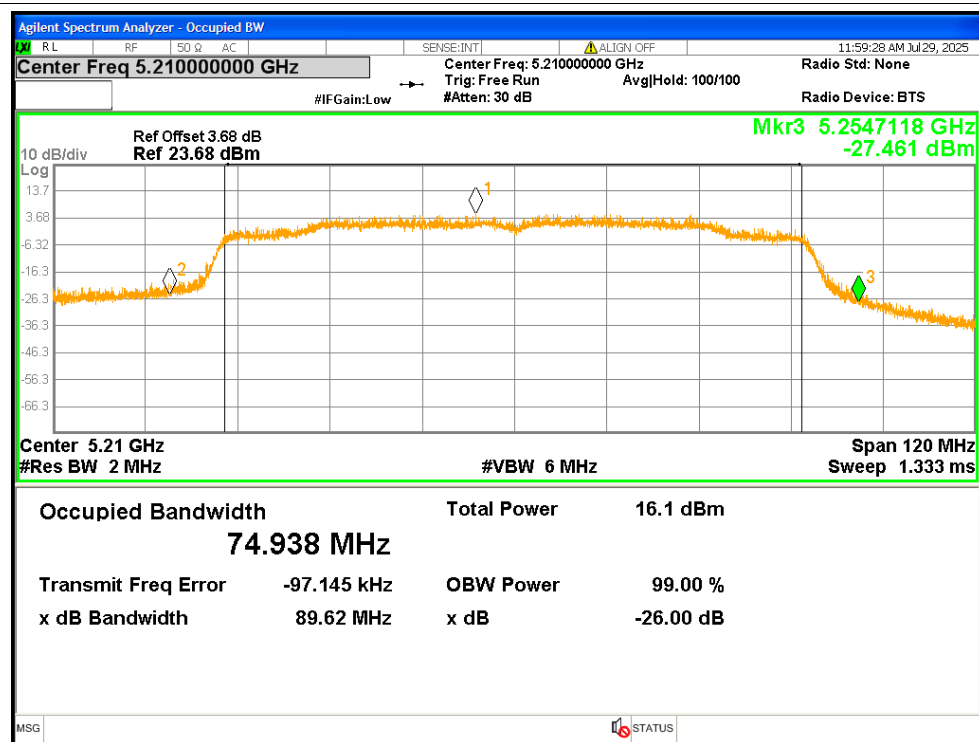
-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant2

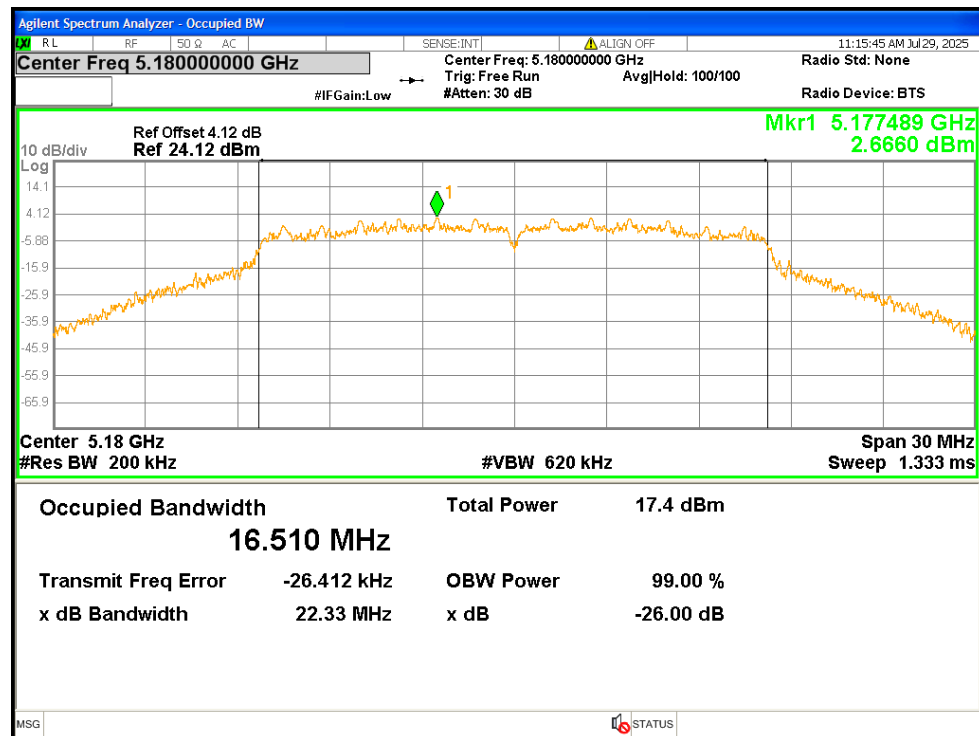


Occupied Channel Bandwidth

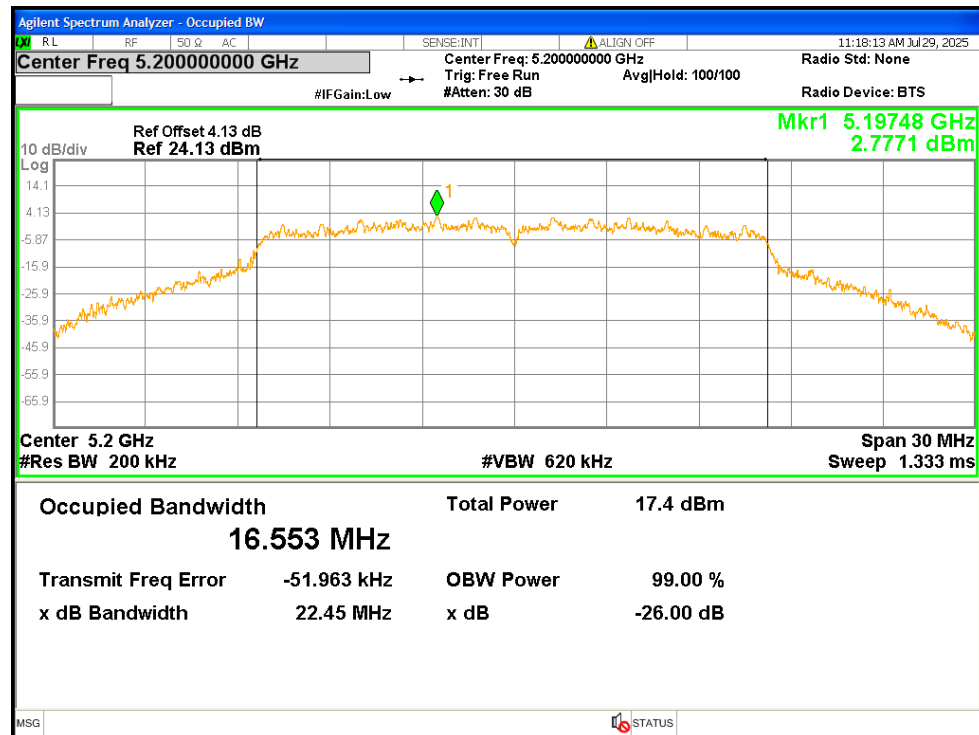
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.5104
NVNT	a	5200	Ant1	16.5528
NVNT	a	5240	Ant1	16.4962
NVNT	a	5180	Ant2	16.6823
NVNT	a	5200	Ant2	16.5624
NVNT	a	5240	Ant2	16.5145
NVNT	n20	5180	Ant1	17.7231
NVNT	n20	5180	Ant2	17.6345
NVNT	n20	5200	Ant1	17.6951
NVNT	n20	5200	Ant2	17.6963
NVNT	n20	5240	Ant1	17.6803
NVNT	n20	5240	Ant2	17.6734
NVNT	n40	5190	Ant1	35.8009
NVNT	n40	5190	Ant2	36.0655
NVNT	n40	5230	Ant1	35.9819
NVNT	n40	5230	Ant2	35.849
NVNT	ac20	5180	Ant1	17.6295
NVNT	ac20	5180	Ant2	17.7322
NVNT	ac20	5200	Ant1	17.6677
NVNT	ac20	5200	Ant2	17.6733
NVNT	ac20	5240	Ant1	17.6543
NVNT	ac20	5240	Ant2	17.6694
NVNT	ac40	5190	Ant1	35.9998
NVNT	ac40	5190	Ant2	36.0612
NVNT	ac40	5230	Ant1	36.0378
NVNT	ac40	5230	Ant2	35.8819
NVNT	ac80	5210	Ant1	75.1558
NVNT	ac80	5210	Ant2	74.8177

Test Graphs

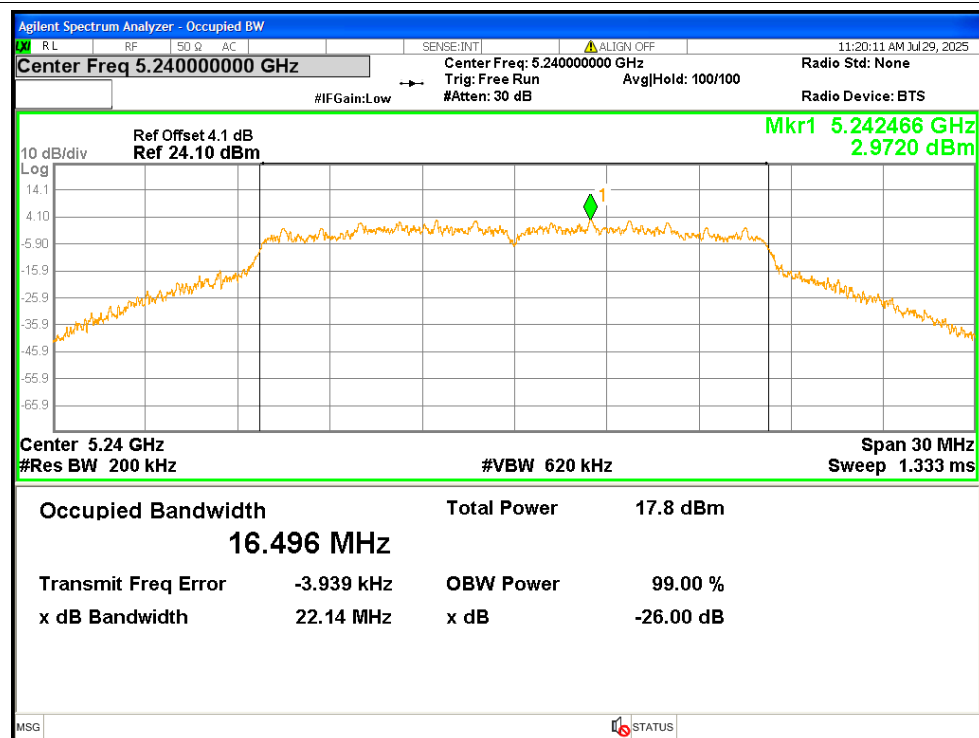
OBW NVNT a 5180MHz Ant1



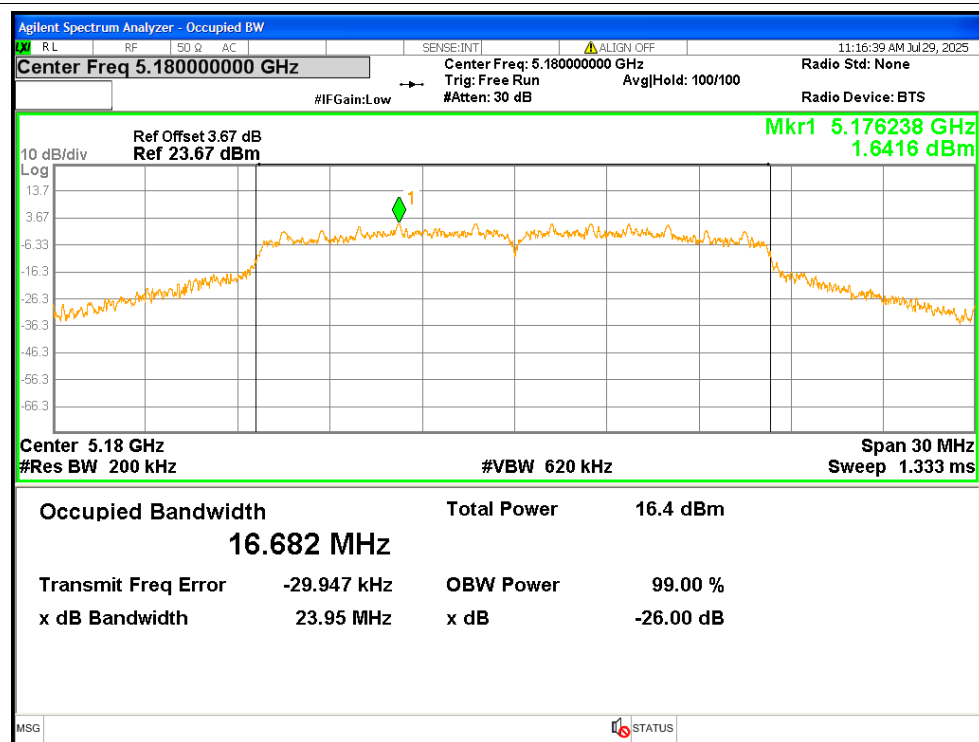
OBW NVNT a 5200MHz Ant1



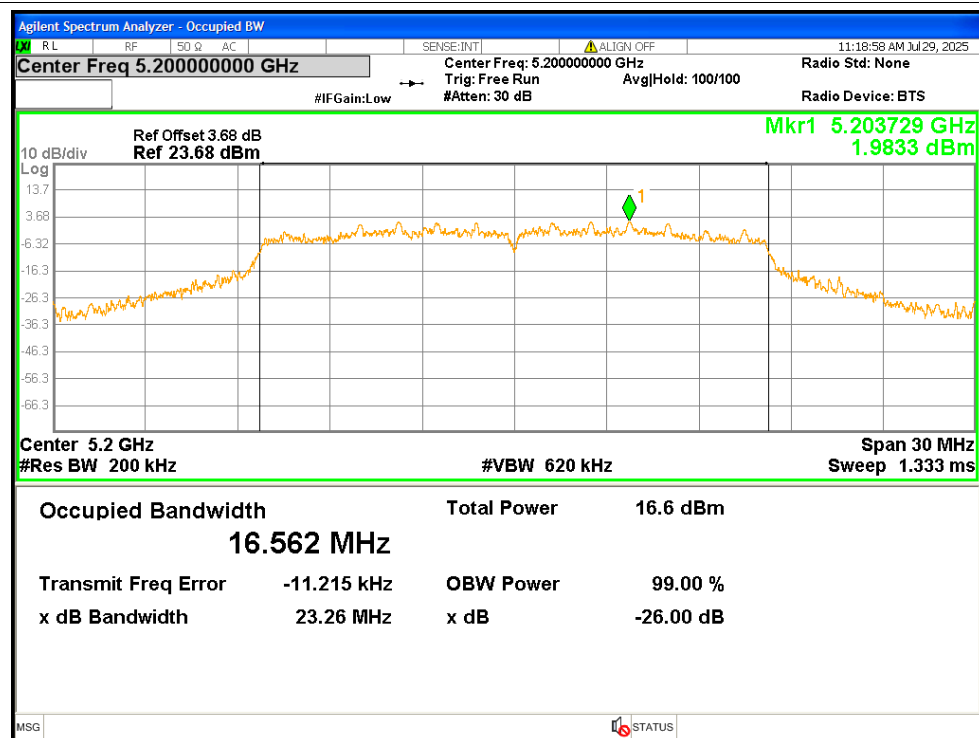
OBW NVNT a 5240MHz Ant1



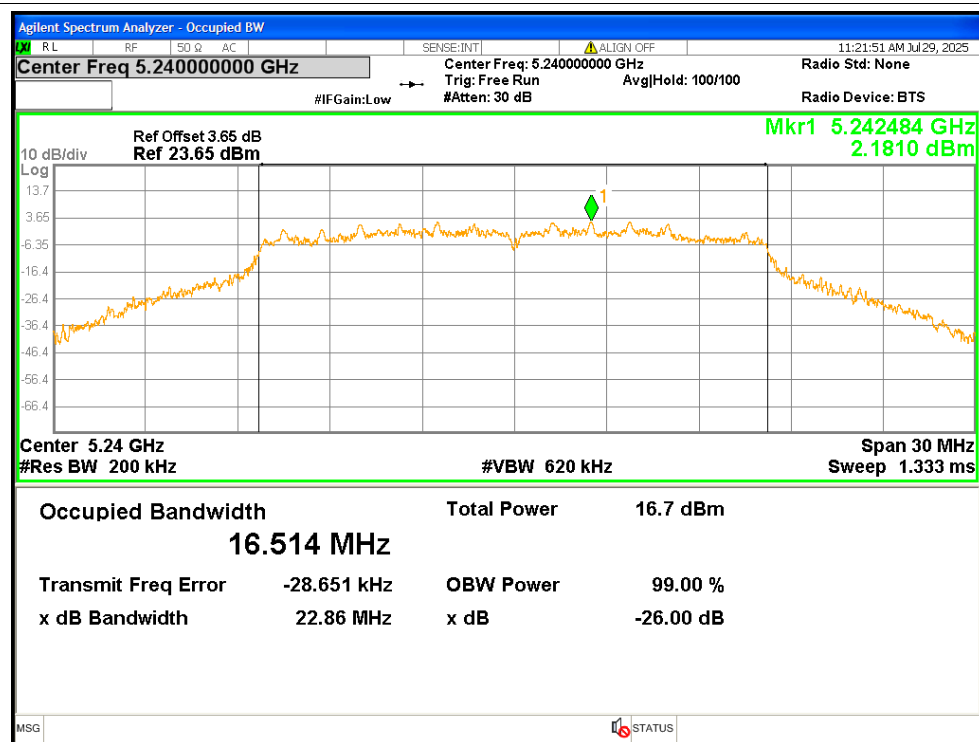
OBW NVNT a 5180MHz Ant2



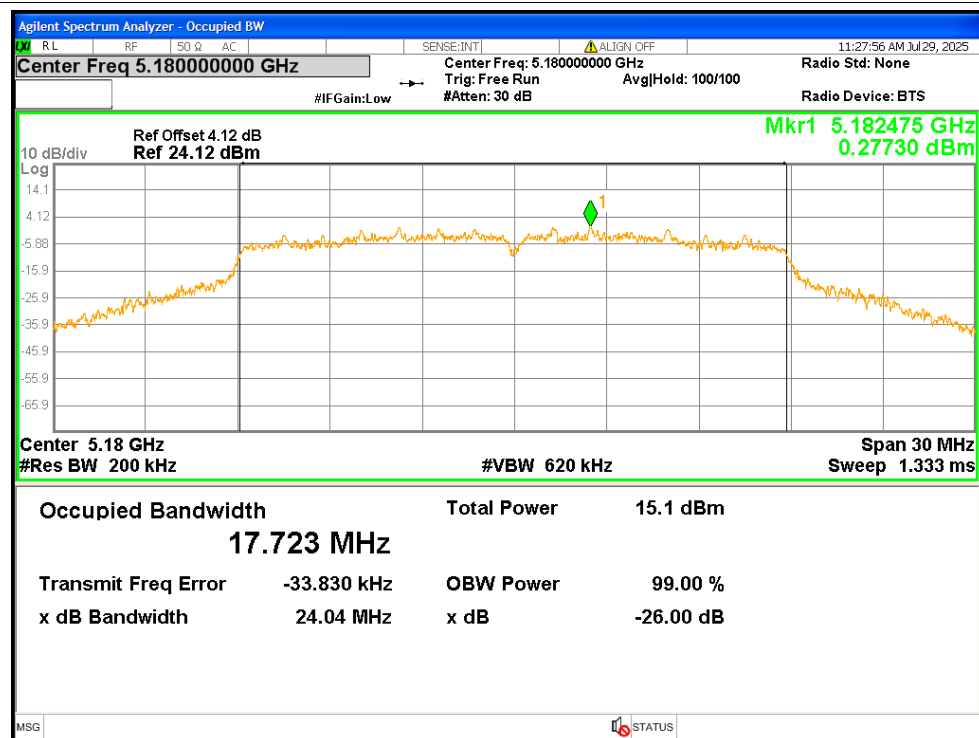
OBW NVNT a 5200MHz Ant2



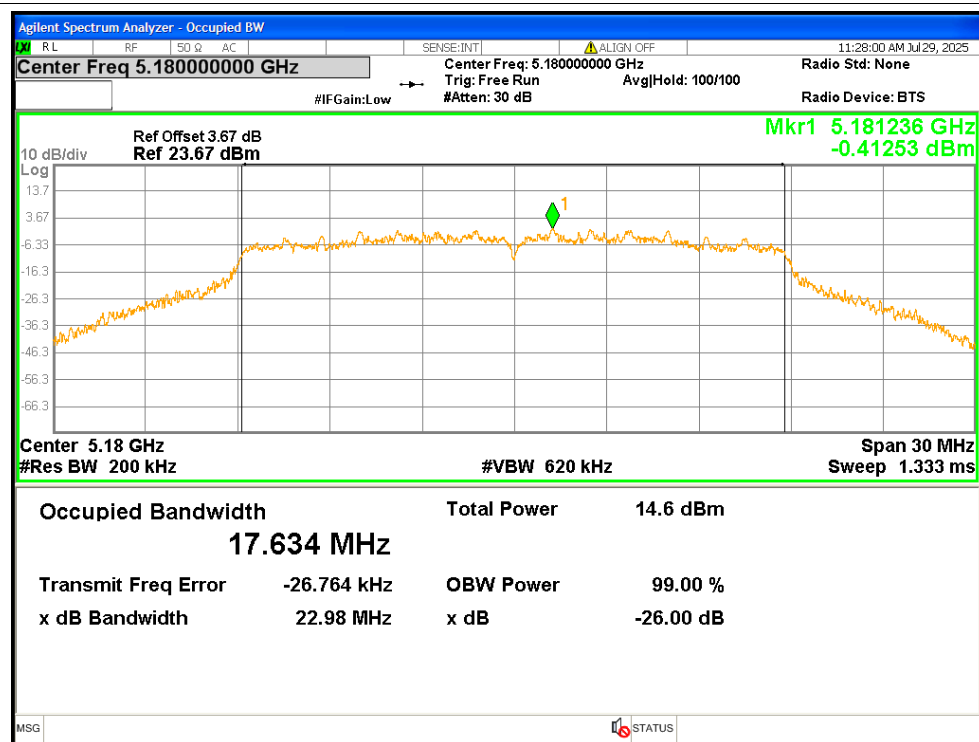
OBW NVNT a 5240MHz Ant2



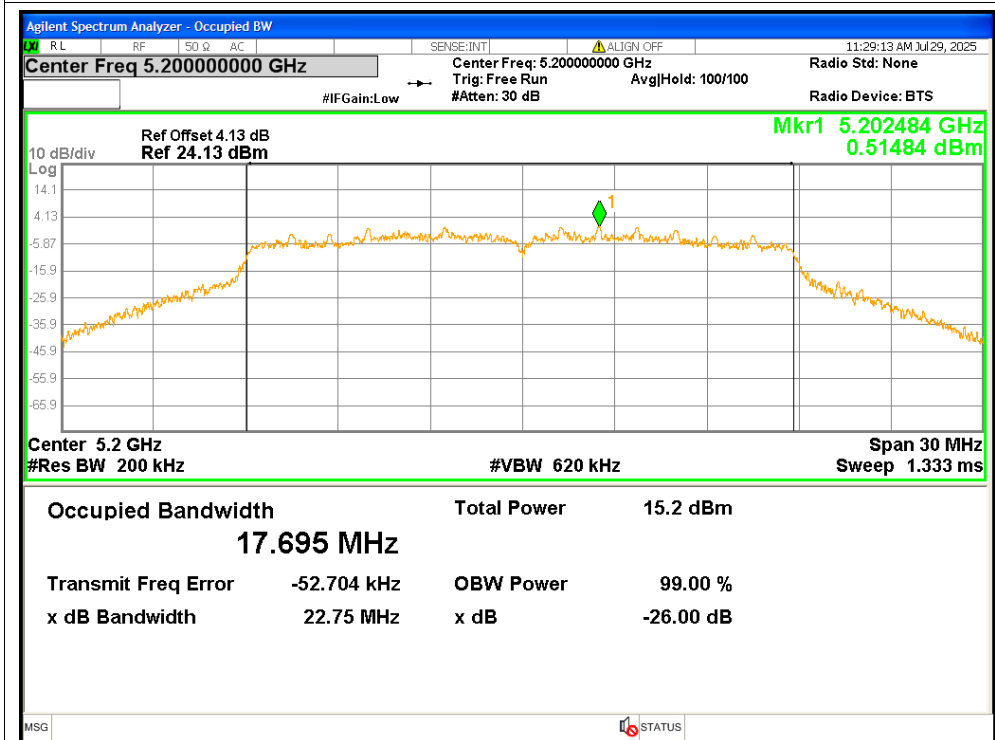
OBW NVNT n20 5180MHz Ant1



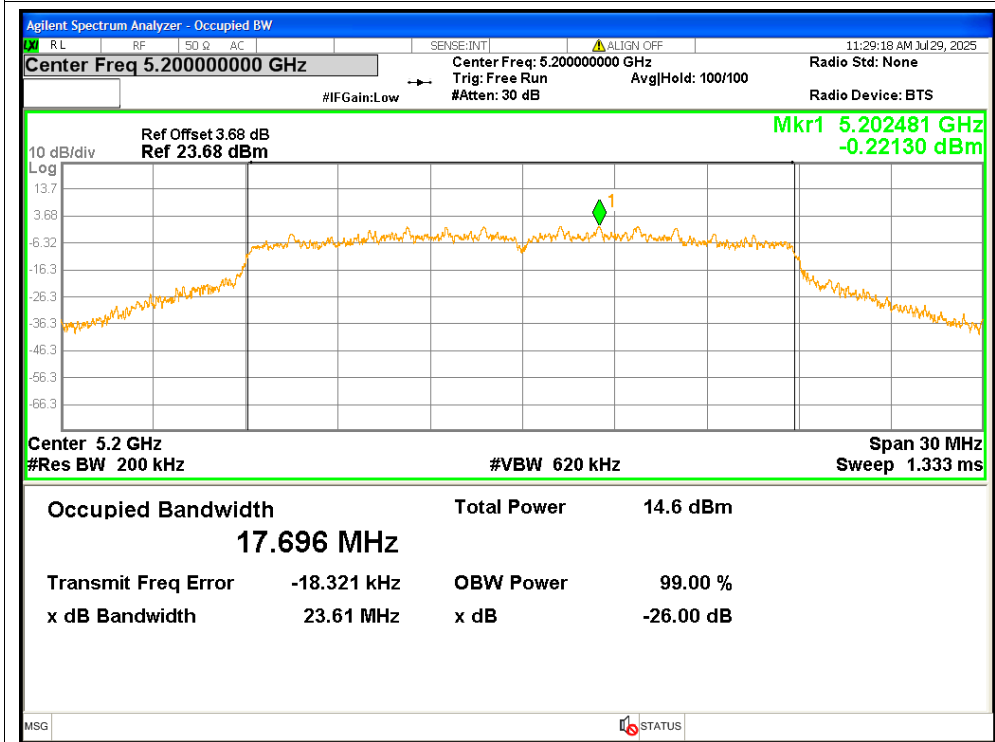
OBW NVNT n20 5180MHz Ant2



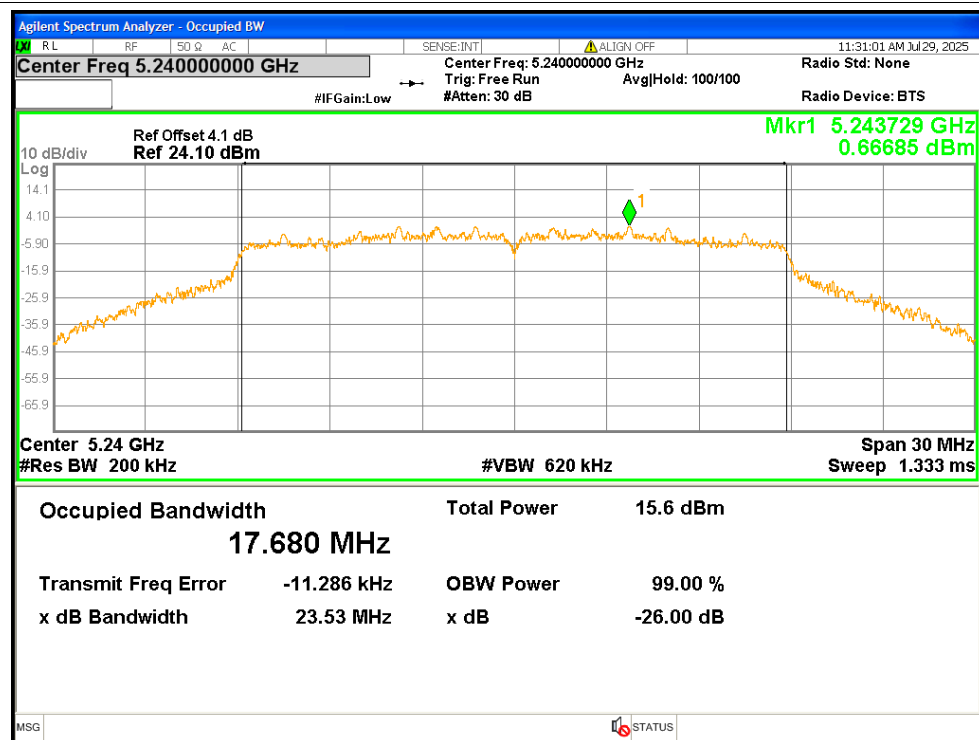
OBW NVNT n20 5200MHz Ant1



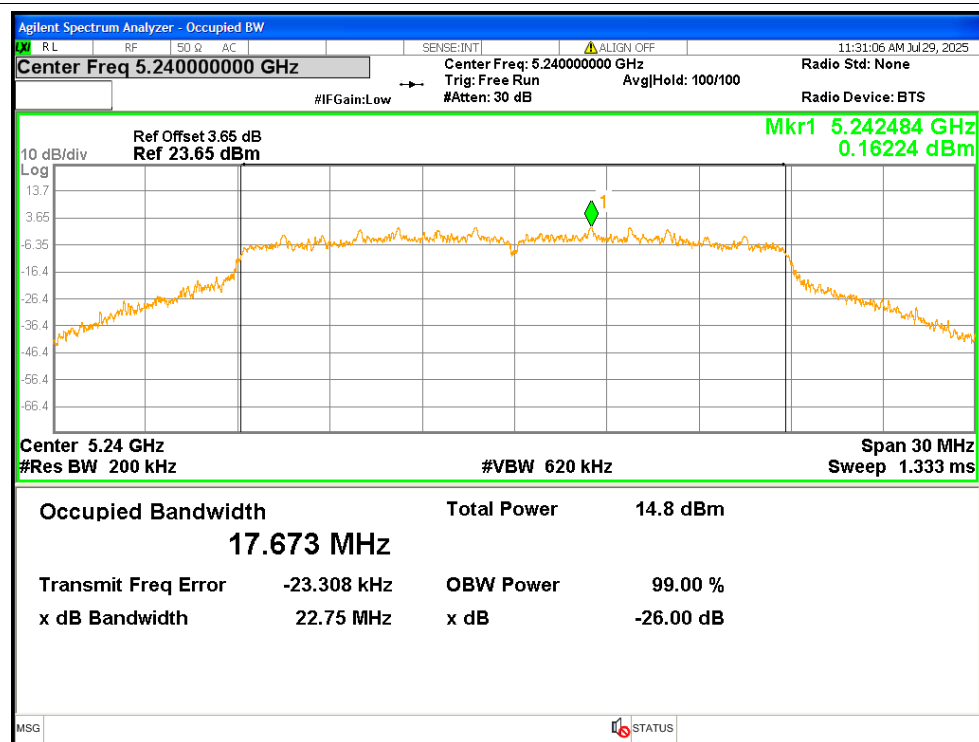
OBW NVNT n20 5200MHz Ant2



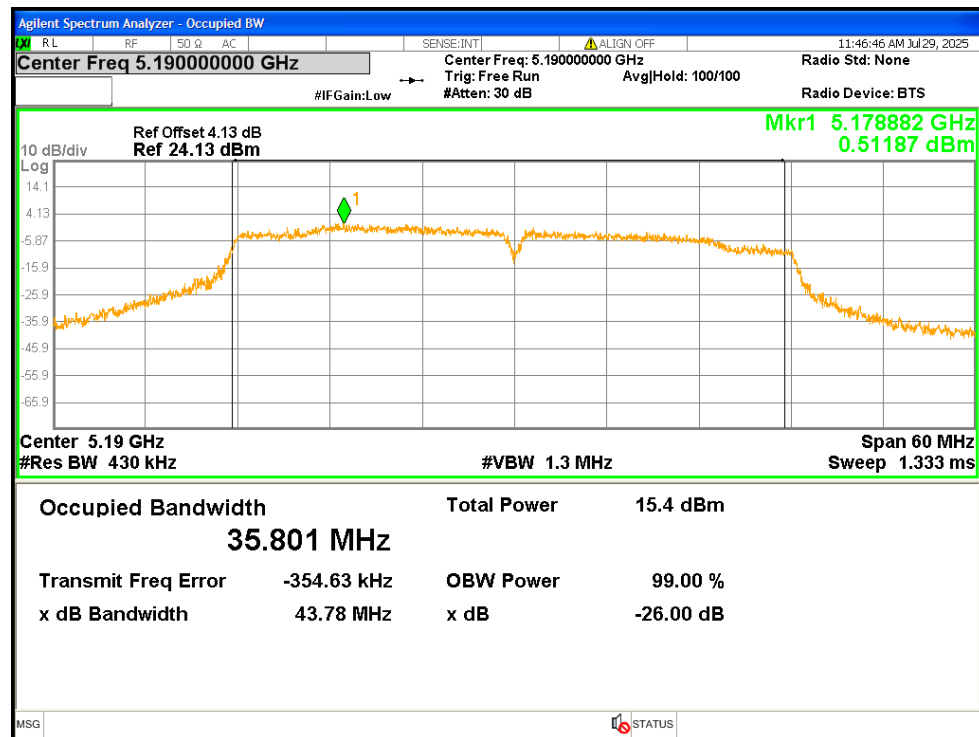
OBW NVNT n20 5240MHz Ant1



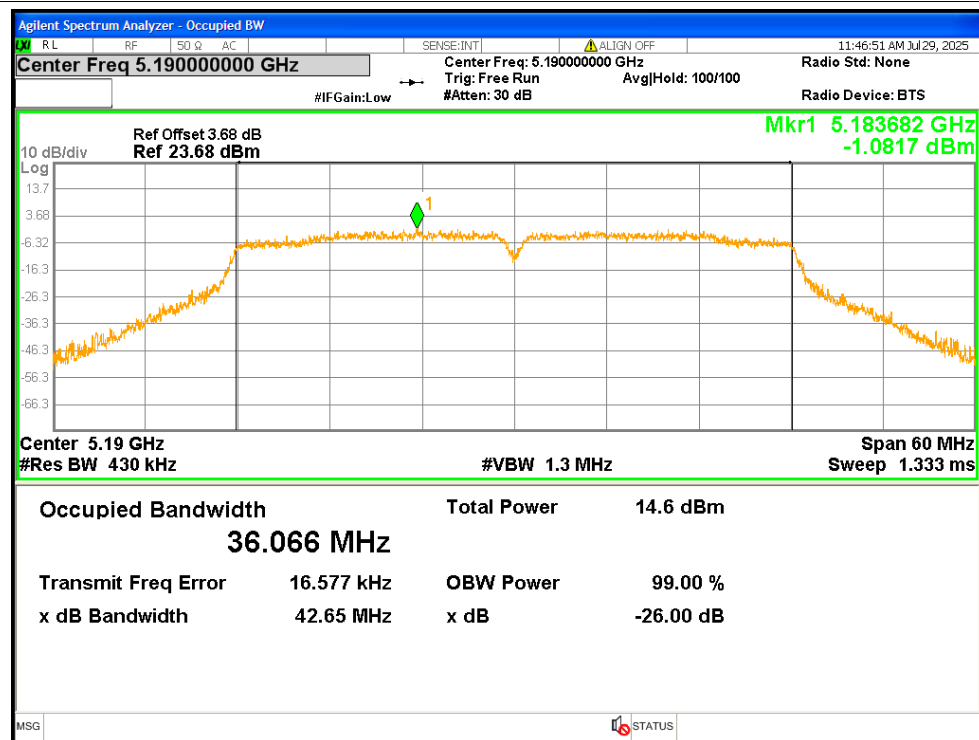
OBW NVNT n20 5240MHz Ant2



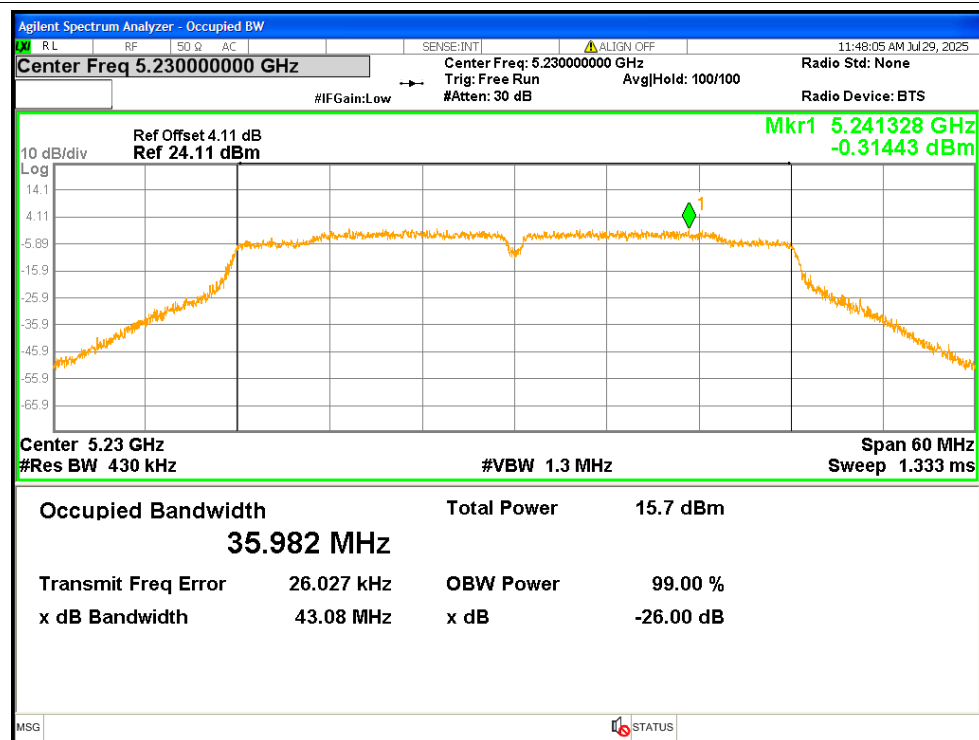
OBW NVNT n40 5190MHz Ant1



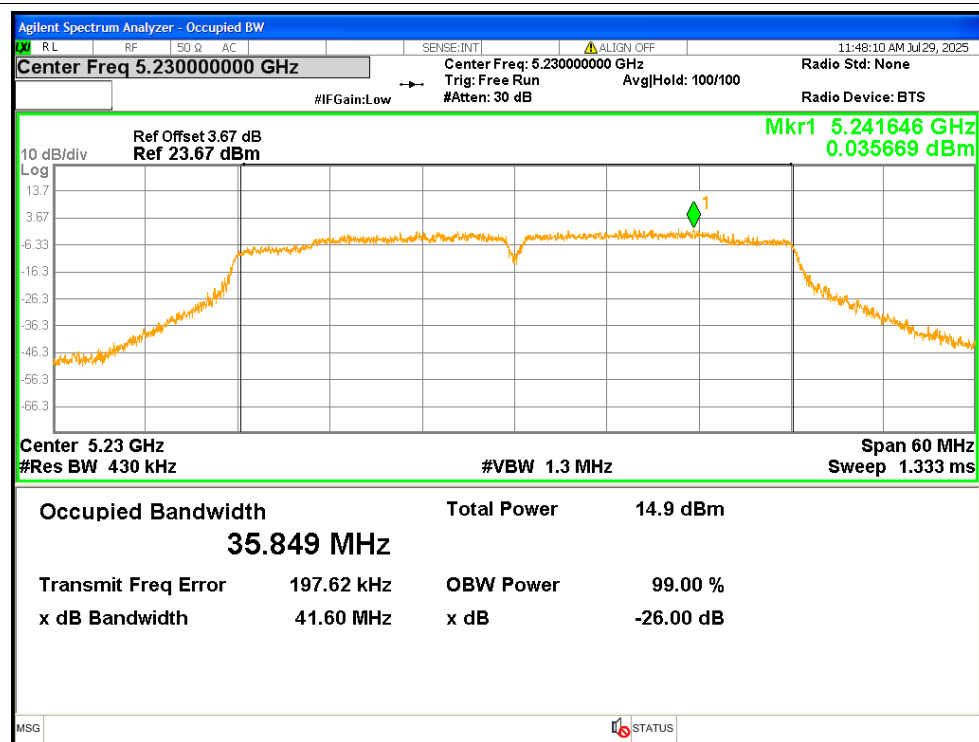
OBW NVNT n40 5190MHz Ant2



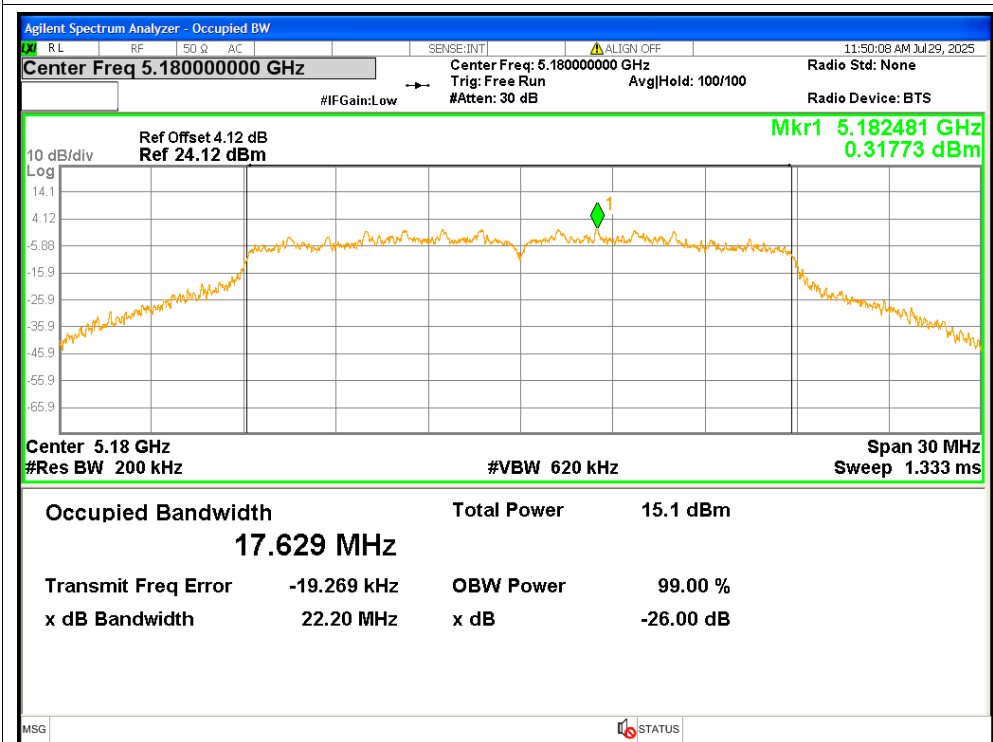
OBW NVNT n40 5230MHz Ant1



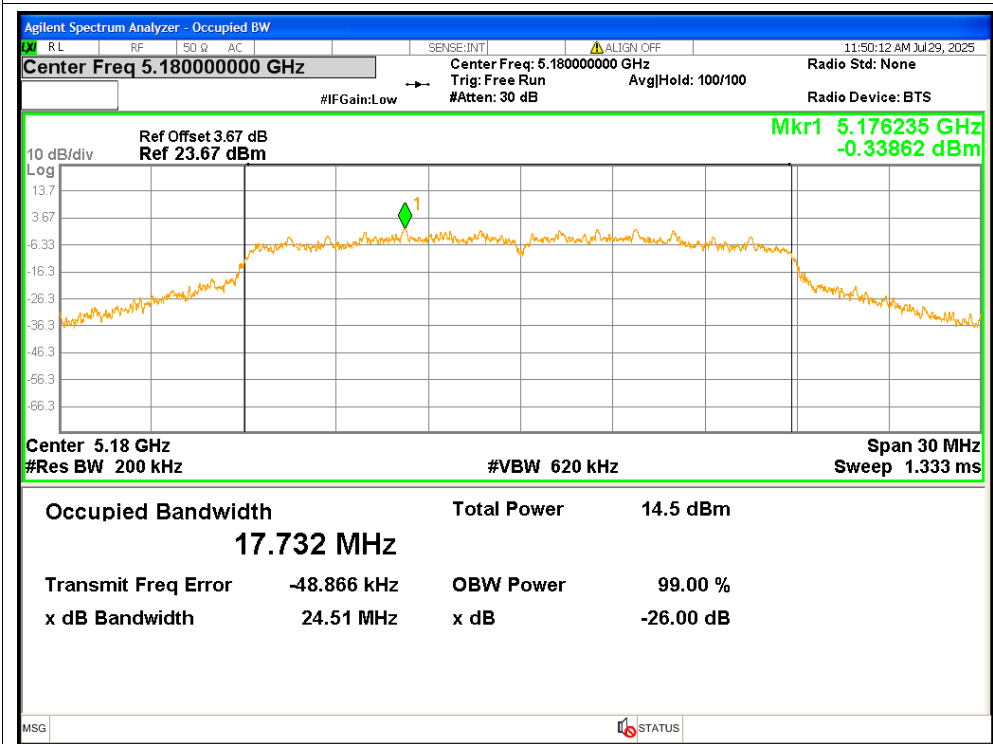
OBW NVNT n40 5230MHz Ant2



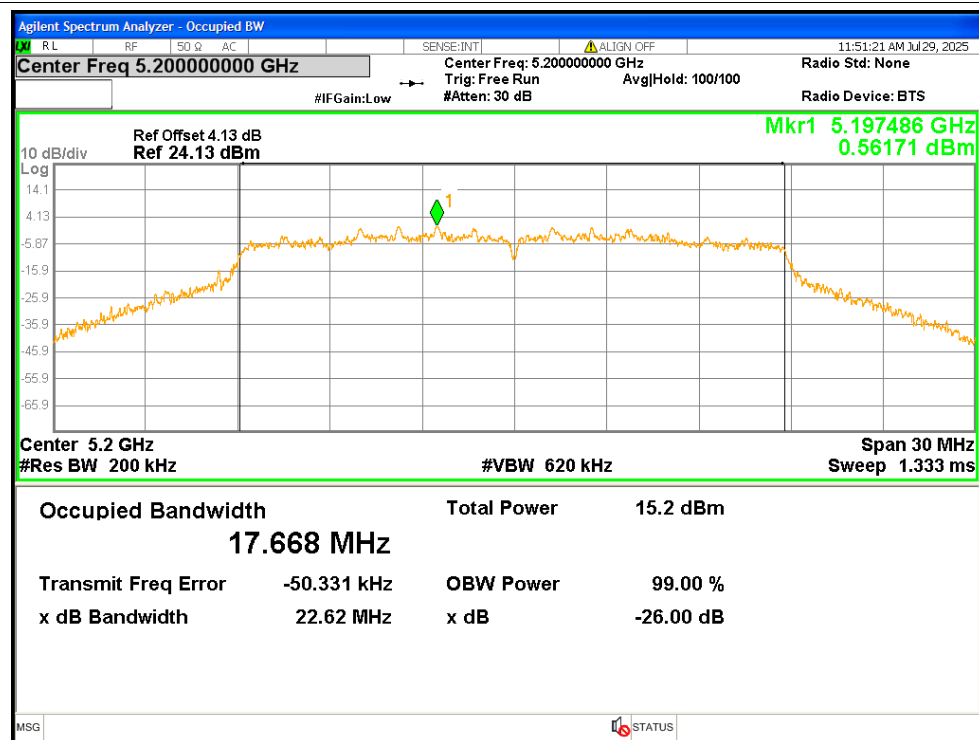
OBW NVNT ac20 5180MHz Ant1



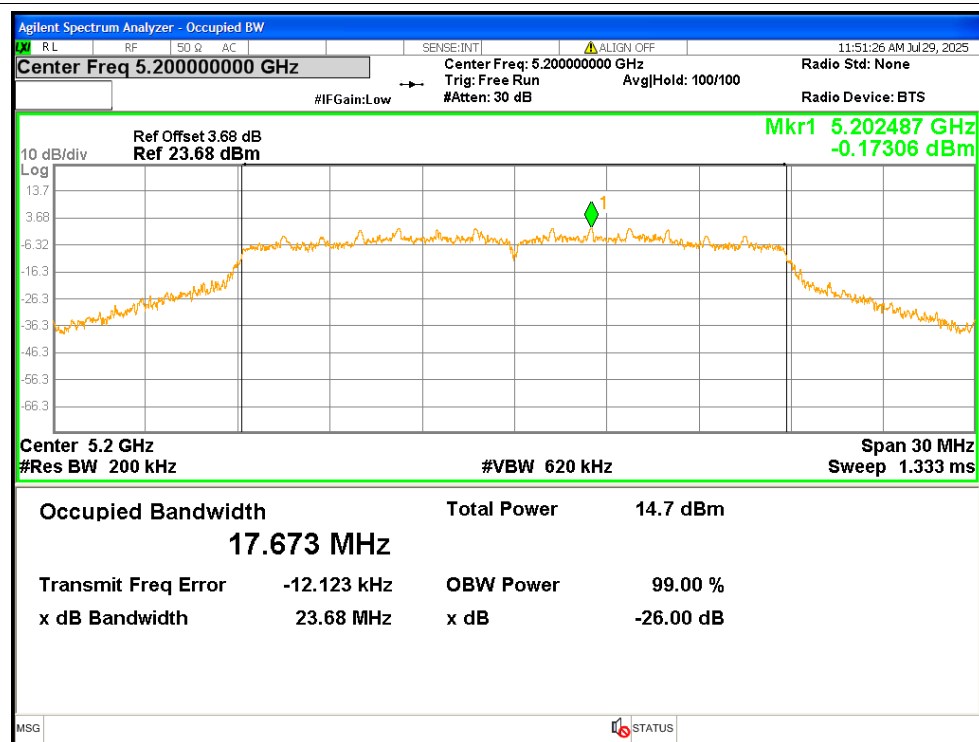
OBW NVNT ac20 5180MHz Ant2



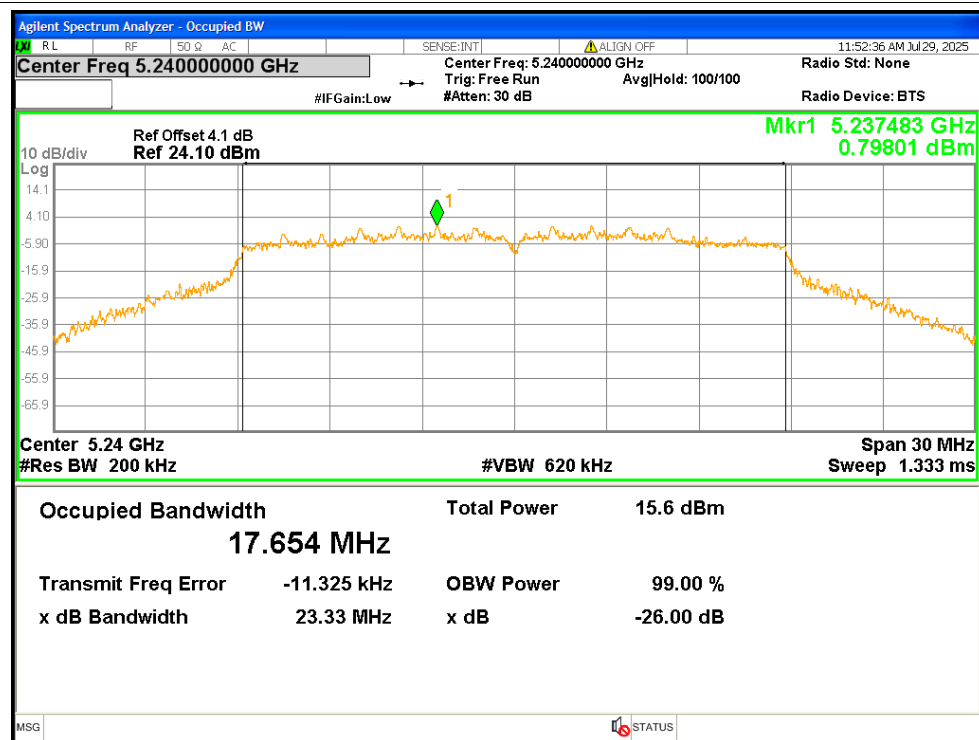
OBW NVNT ac20 5200MHz Ant1



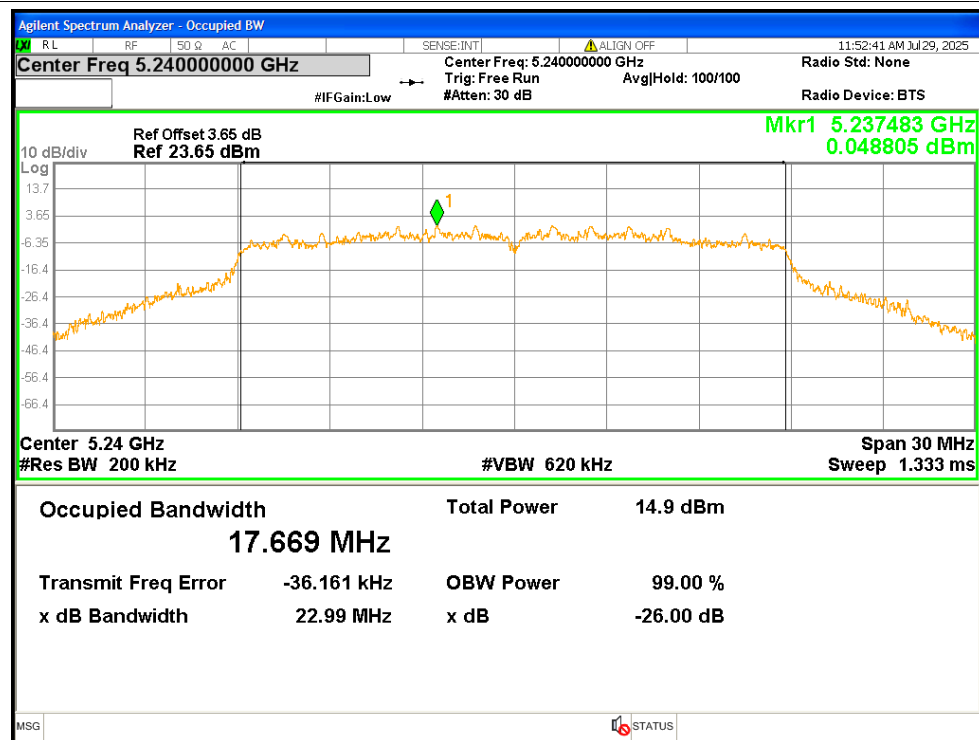
OBW NVNT ac20 5200MHz Ant2



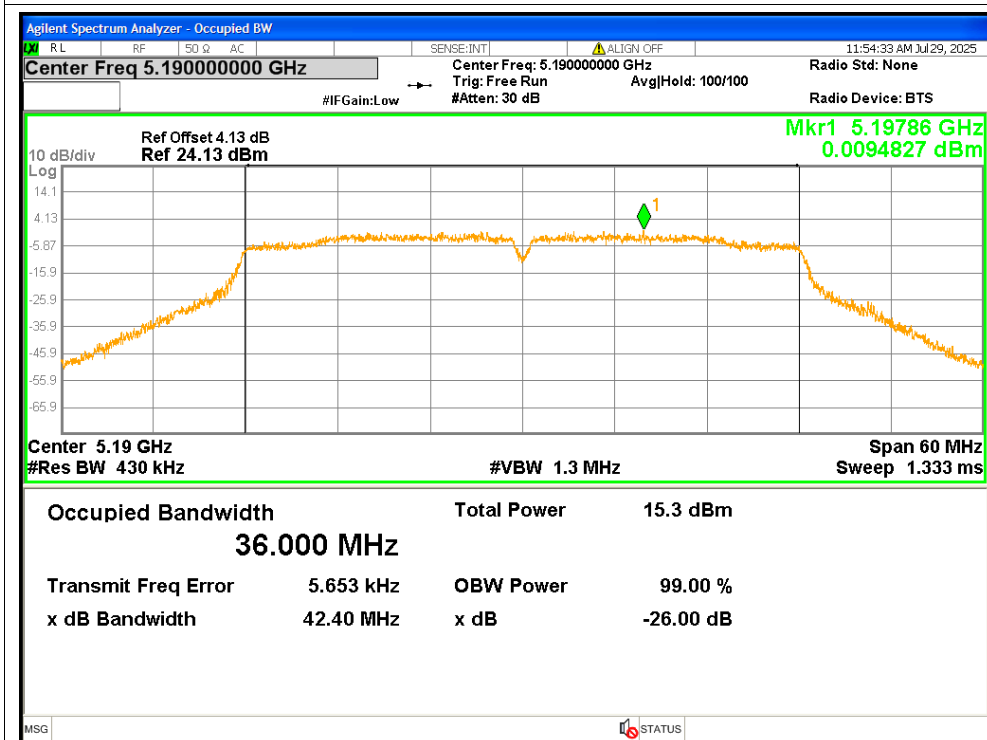
OBW NVNT ac20 5240MHz Ant1



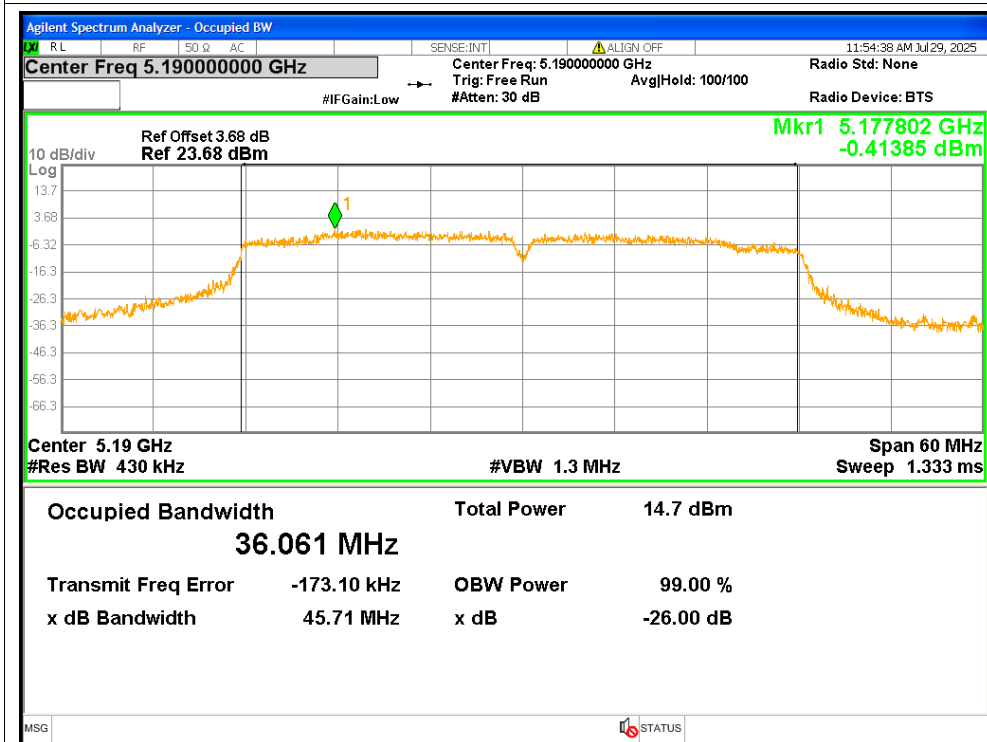
OBW NVNT ac20 5240MHz Ant2



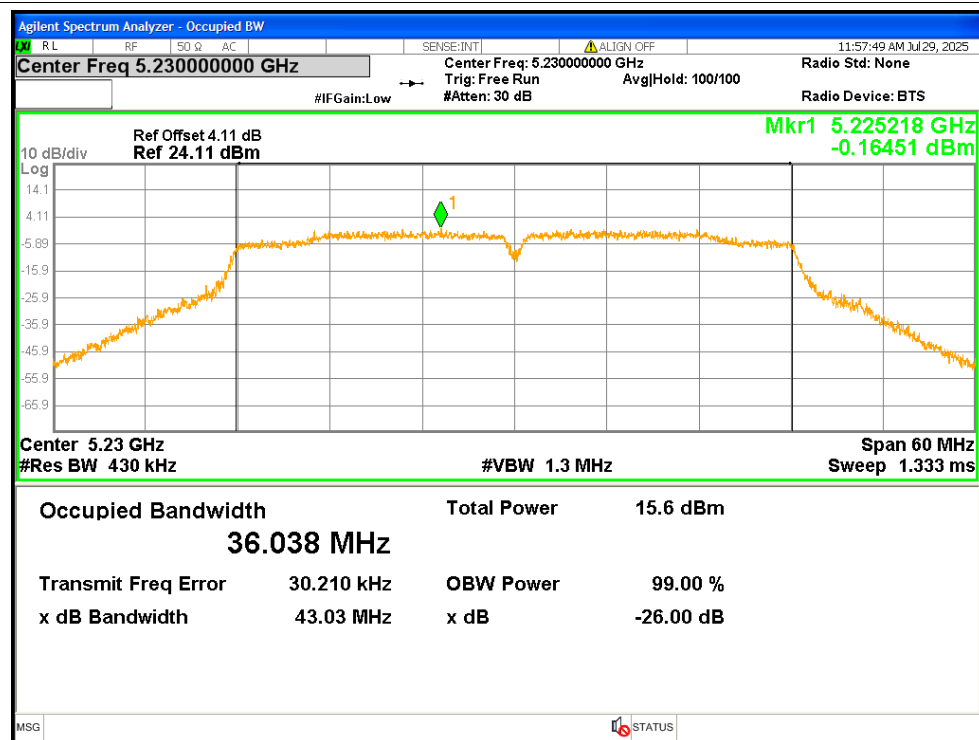
OBW NVNT ac40 5190MHz Ant1



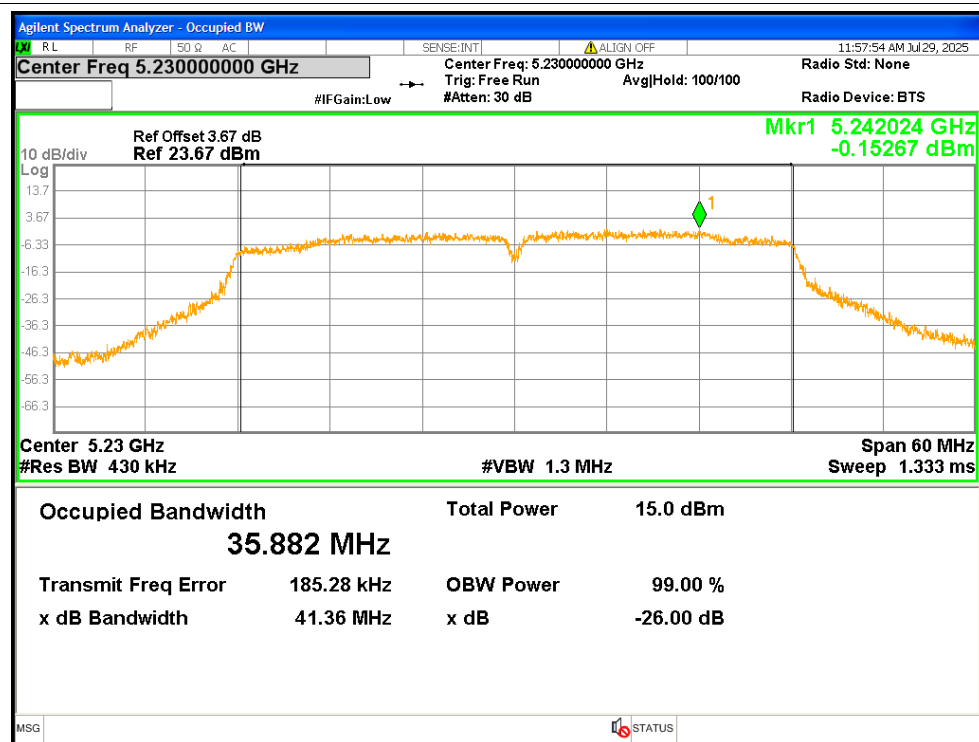
OBW NVNT ac40 5190MHz Ant2



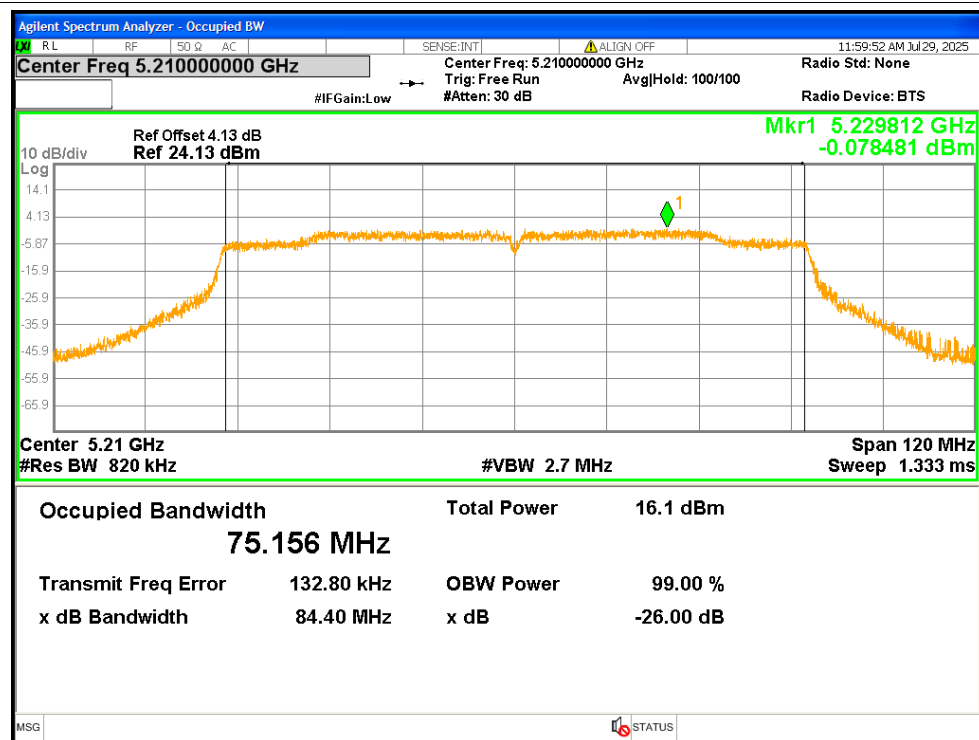
OBW NVNT ac40 5230MHz Ant1



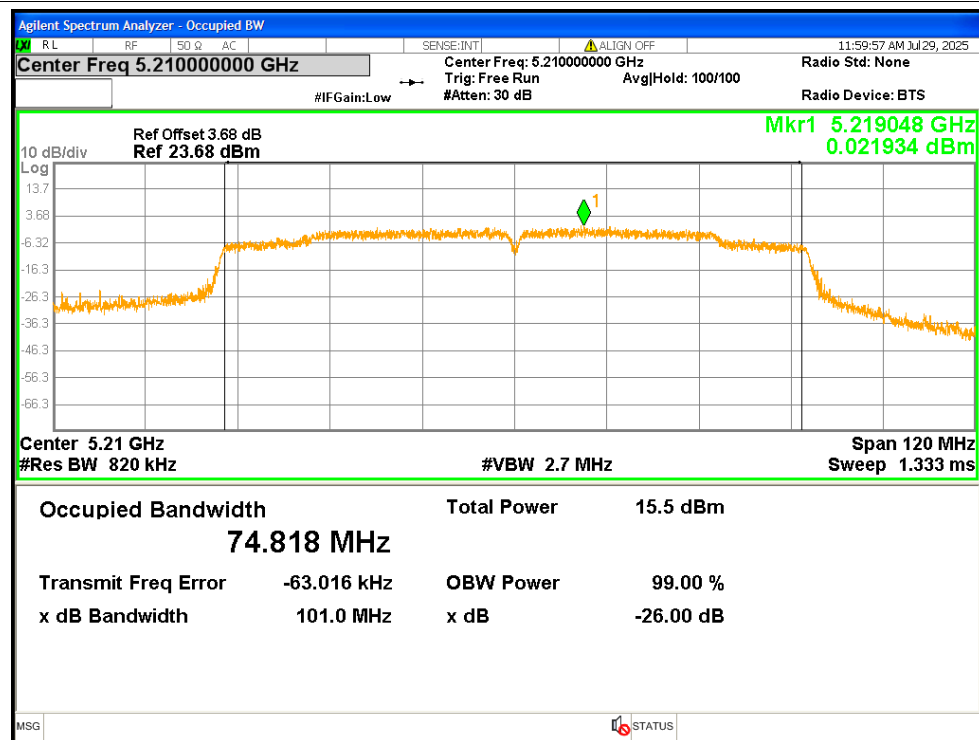
OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz Ant2

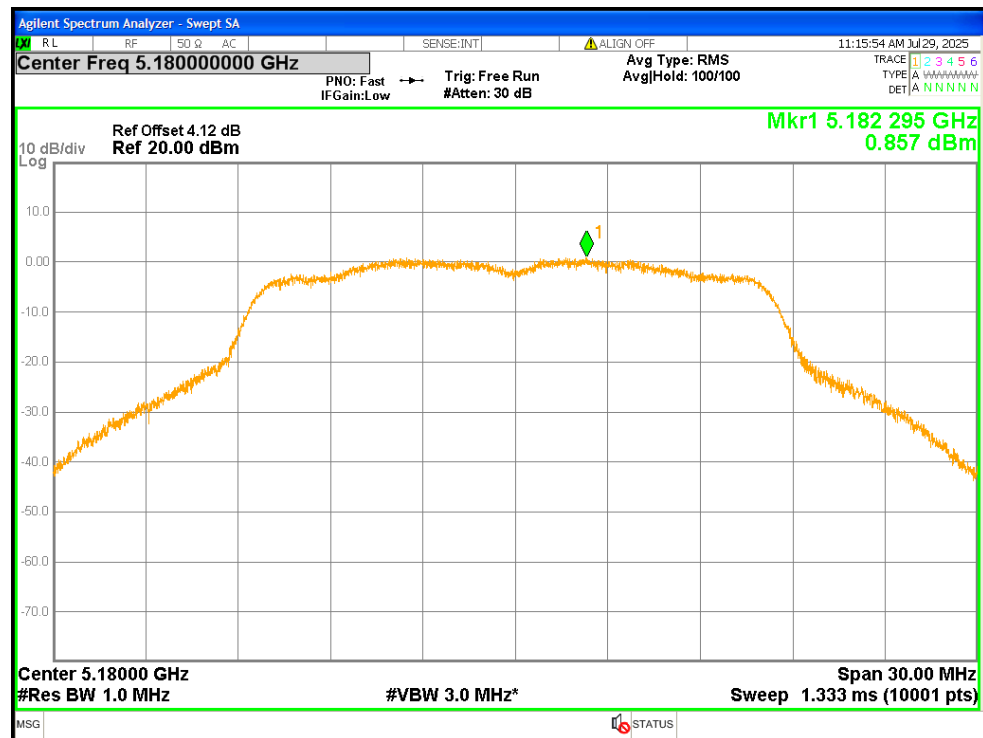


Maximum Power Spectral Density Level

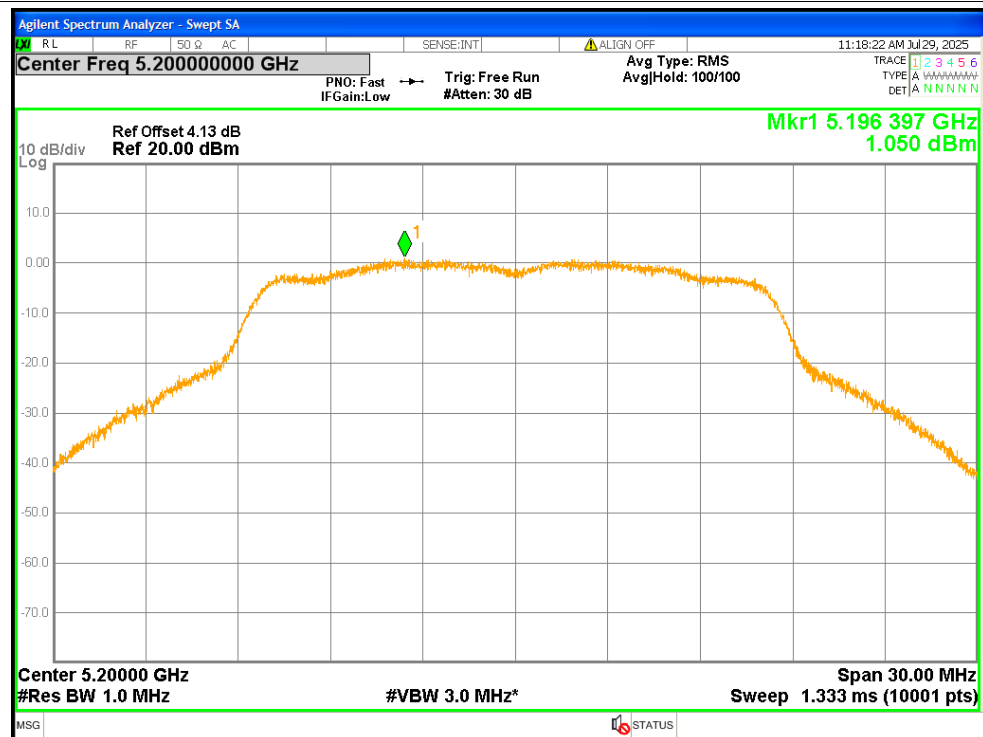
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.857	0.95	1.807	<=11	Pass
NVNT	a	5200	Ant1	1.05	0.97	2.02	<=11	Pass
NVNT	a	5240	Ant1	1.607	0.96	2.567	<=11	Pass
NVNT	a	5180	Ant2	-0.224	0.95	0.726	<=11	Pass
NVNT	a	5200	Ant2	0.372	0.96	1.332	<=11	Pass
NVNT	a	5240	Ant2	0.318	0.97	1.288	<=11	Pass
NVNT	n20	5180	Ant1	-1.23	0.54	-0.69	<=11	Pass
NVNT	n20	5180	Ant2	-2.046	0.54	-1.506	<=11	Pass
NVNT	n20	5180	MIMO	1.391	0.54	1.931	<=11	Pass
NVNT	n20	5200	Ant1	-1.513	0.54	-0.973	<=11	Pass
NVNT	n20	5200	Ant2	-1.912	0.54	-1.372	<=11	Pass
NVNT	n20	5200	MIMO	1.302	0.54	1.842	<=11	Pass
NVNT	n20	5240	Ant1	-0.809	0.56	-0.249	<=11	Pass
NVNT	n20	5240	Ant2	-1.458	0.56	-0.898	<=11	Pass
NVNT	n20	5240	MIMO	1.889	0.56	2.449	<=11	Pass
NVNT	n40	5190	Ant1	-3.083	0.6	-2.483	<=11	Pass
NVNT	n40	5190	Ant2	-4.867	0.6	-4.267	<=11	Pass
NVNT	n40	5190	MIMO	-0.874	0.6	-0.274	<=11	Pass
NVNT	n40	5230	Ant1	-3.723	0.56	-3.163	<=11	Pass
NVNT	n40	5230	Ant2	-3.57	0.56	-3.01	<=11	Pass
NVNT	n40	5230	MIMO	-0.636	0.56	-0.076	<=11	Pass
NVNT	ac20	5180	Ant1	-1.509	0.61	-0.899	<=11	Pass
NVNT	ac20	5180	Ant2	-1.741	0.61	-1.131	<=11	Pass
NVNT	ac20	5180	MIMO	1.387	0.61	1.997	<=11	Pass
NVNT	ac20	5200	Ant1	-1.395	0.62	-0.775	<=11	Pass
NVNT	ac20	5200	Ant2	-1.949	0.62	-1.329	<=11	Pass
NVNT	ac20	5200	MIMO	1.347	0.62	1.967	<=11	Pass
NVNT	ac20	5240	Ant1	-0.941	0.61	-0.331	<=11	Pass
NVNT	ac20	5240	Ant2	-1.628	0.61	-1.018	<=11	Pass
NVNT	ac20	5240	MIMO	1.739	0.61	2.349	<=11	Pass
NVNT	ac40	5190	Ant1	-4.256	0.67	-3.586	<=11	Pass
NVNT	ac40	5190	Ant2	-4.47	0.67	-3.8	<=11	Pass
NVNT	ac40	5190	MIMO	-1.351	0.67	-0.681	<=11	Pass
NVNT	ac40	5230	Ant1	-4.008	0.66	-3.348	<=11	Pass
NVNT	ac40	5230	Ant2	-4.196	0.66	-3.536	<=11	Pass
NVNT	ac40	5230	MIMO	-1.091	0.66	-0.431	<=11	Pass
NVNT	ac80	5210	Ant1	-7.153	0.68	-6.473	<=11	Pass
NVNT	ac80	5210	Ant2	-7.259	0.68	-6.579	<=11	Pass
NVNT	ac80	5210	MIMO	-4.195	0.68	-3.515	<=11	Pass

Test Graphs

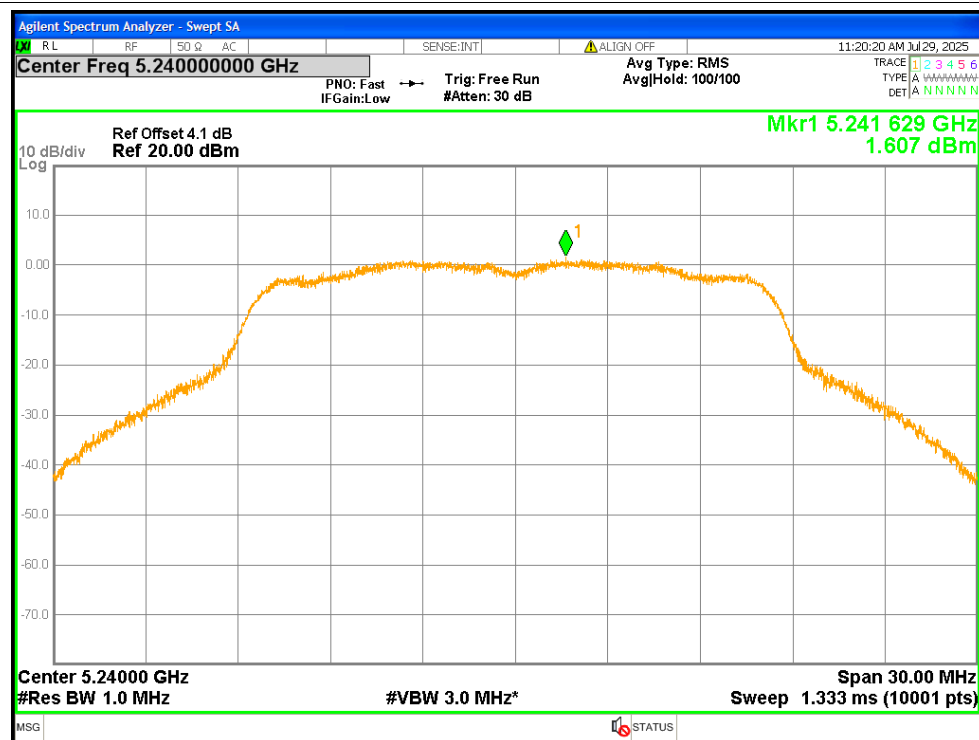
PSD NVNT a 5180MHz Ant1



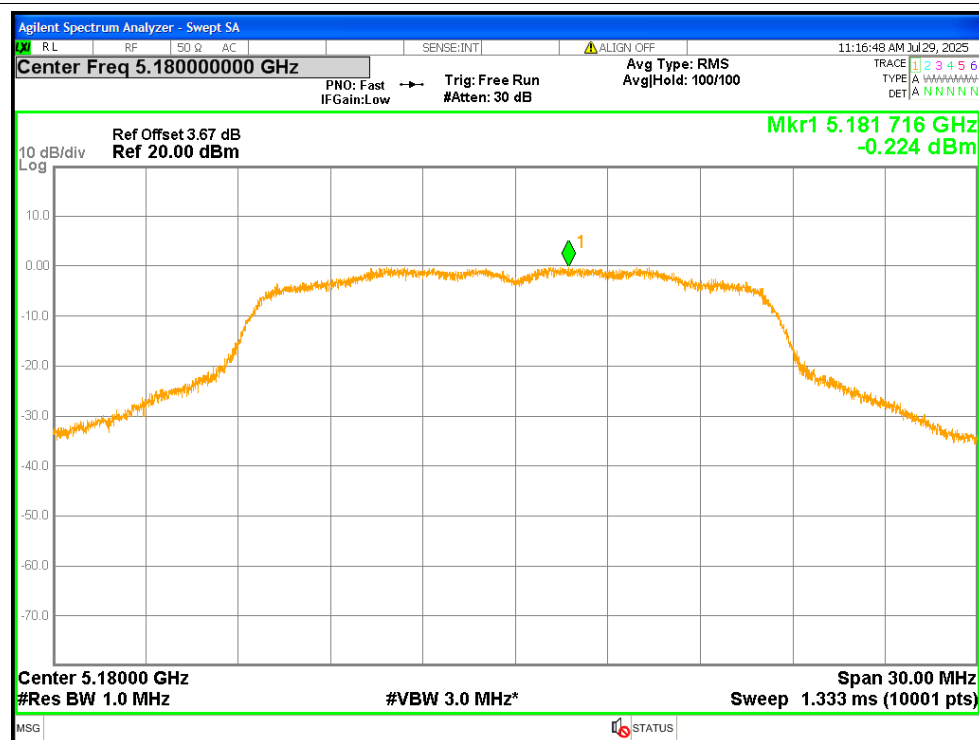
PSD NVNT a 5200MHz Ant1



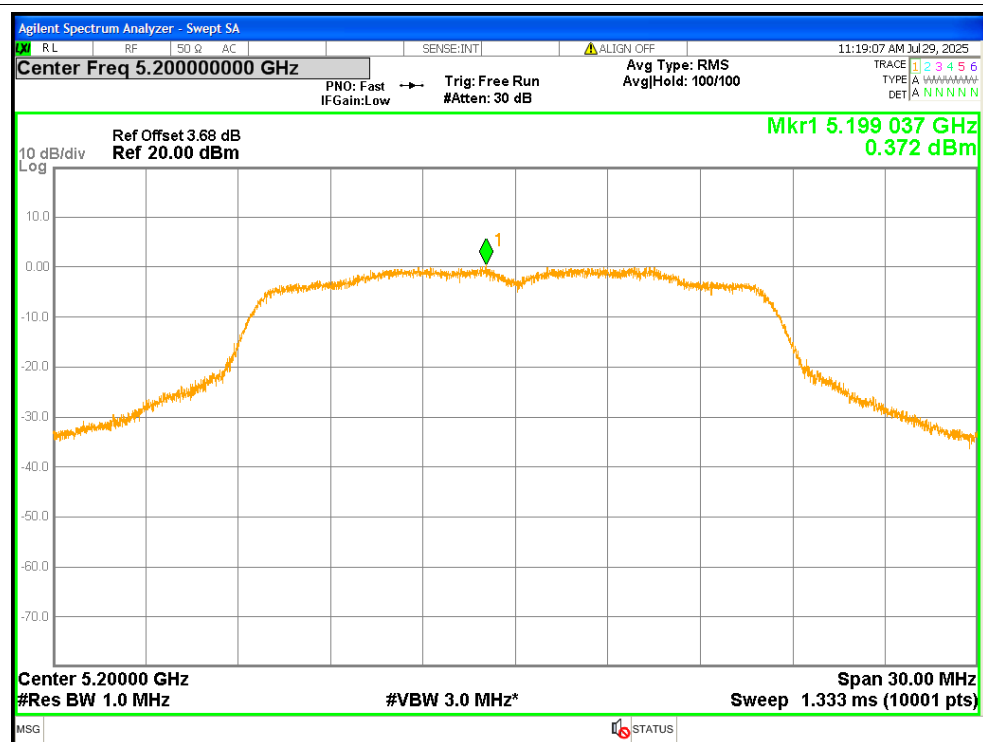
PSD NVNT a 5240MHz Ant1



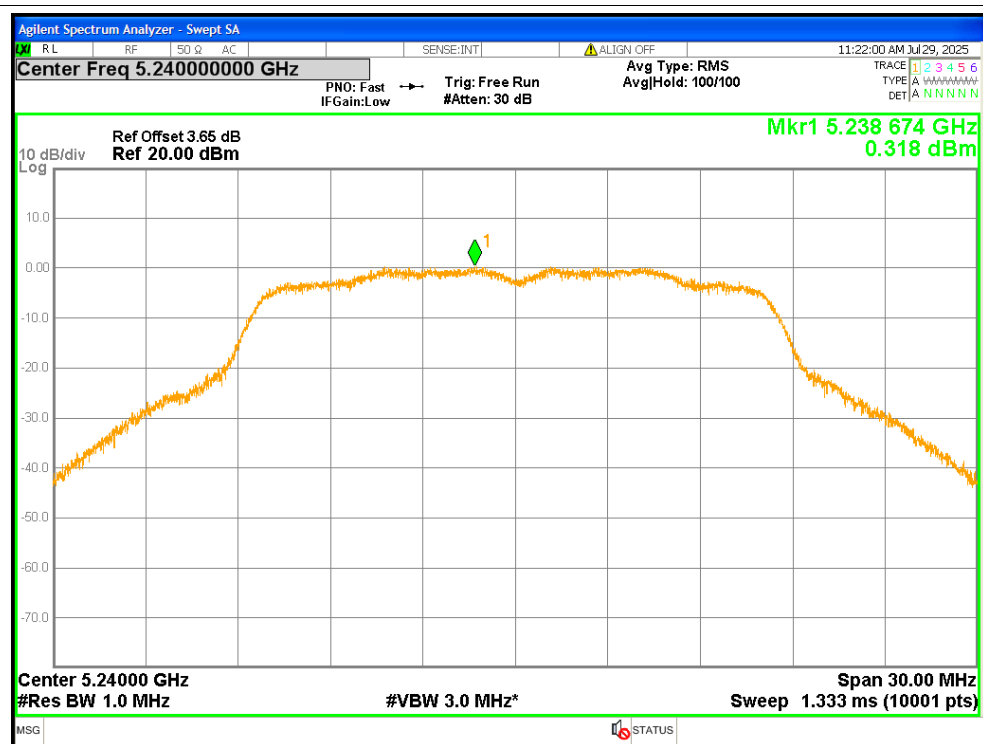
PSD NVNT a 5180MHz Ant2



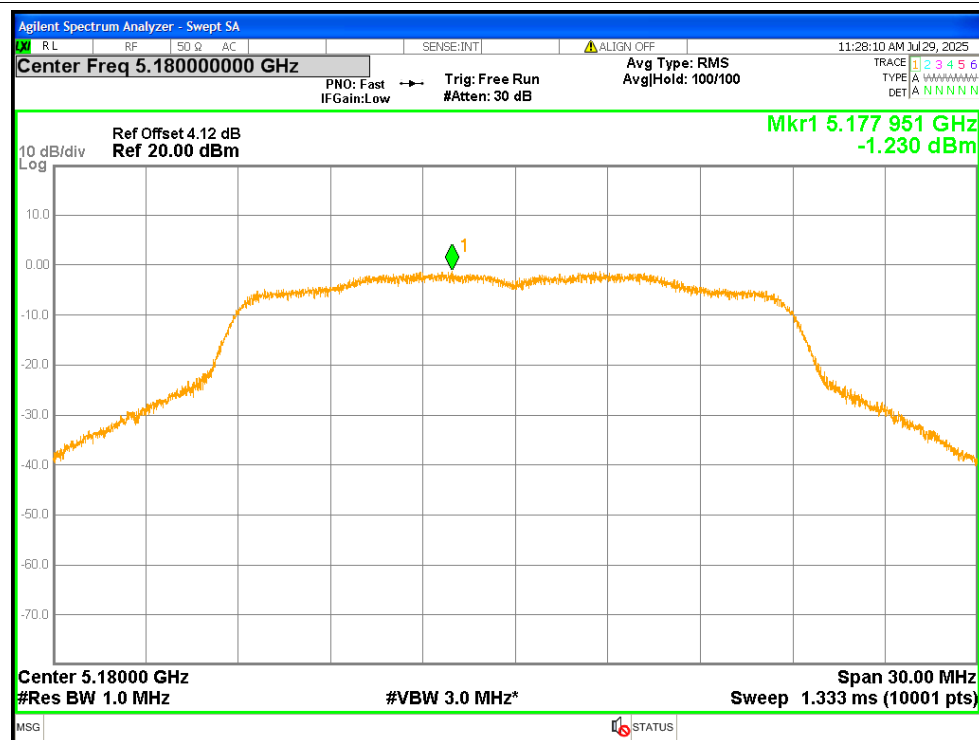
PSD NVNT a 5200MHz Ant2



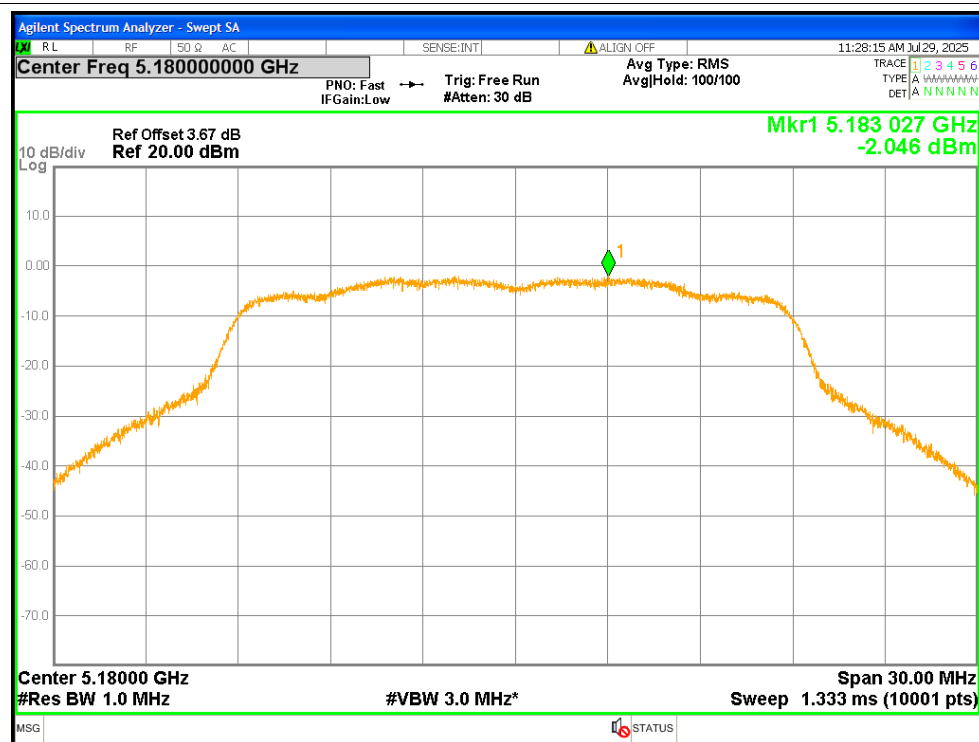
PSD NVNT a 5240MHz Ant2



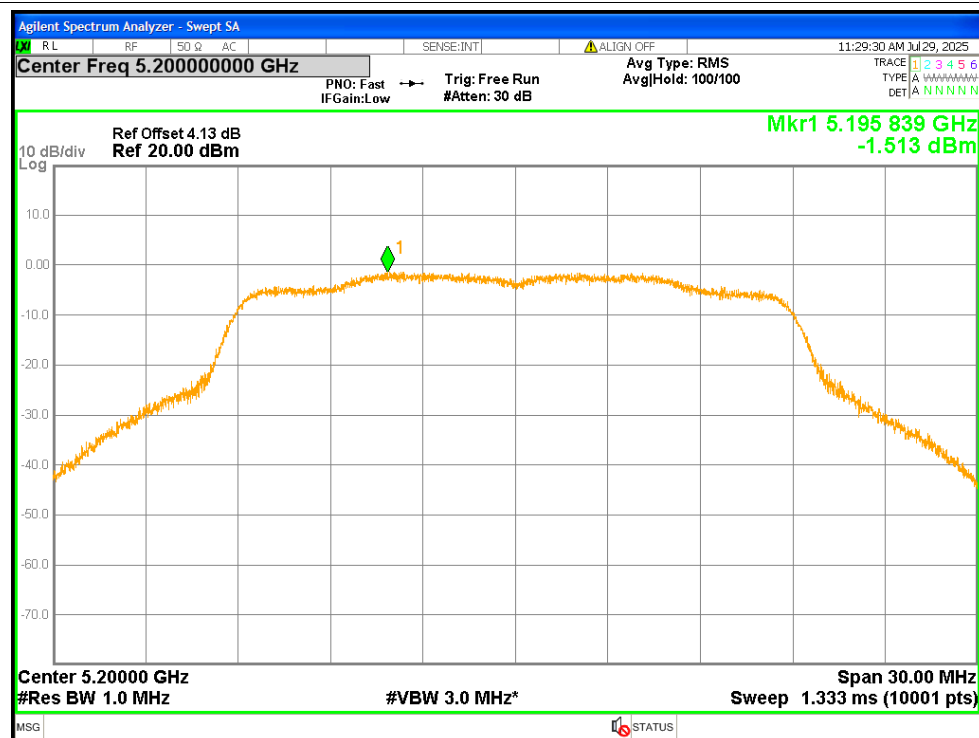
PSD NVNT n20 5180MHz Ant1



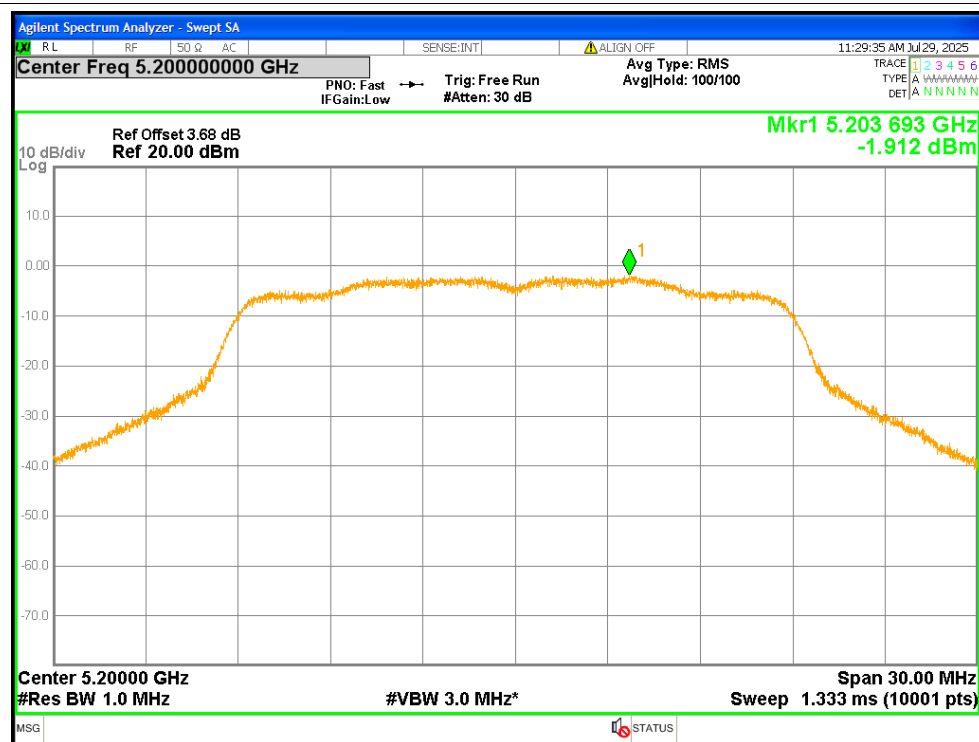
PSD NVNT n20 5180MHz Ant2



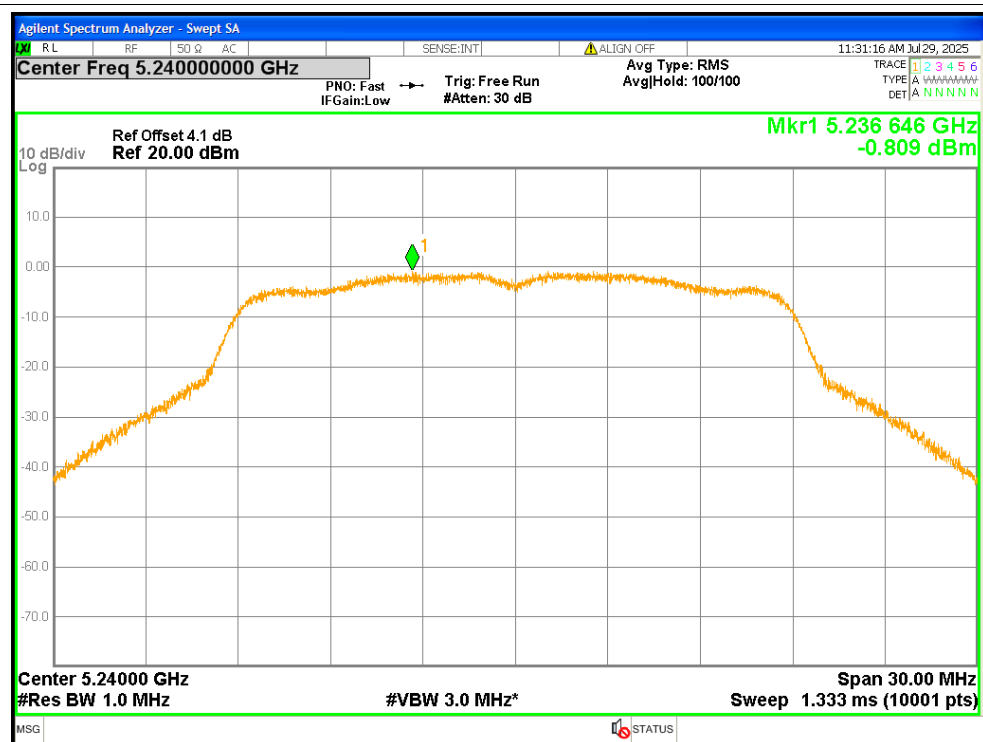
PSD NVNT n20 5200MHz Ant1



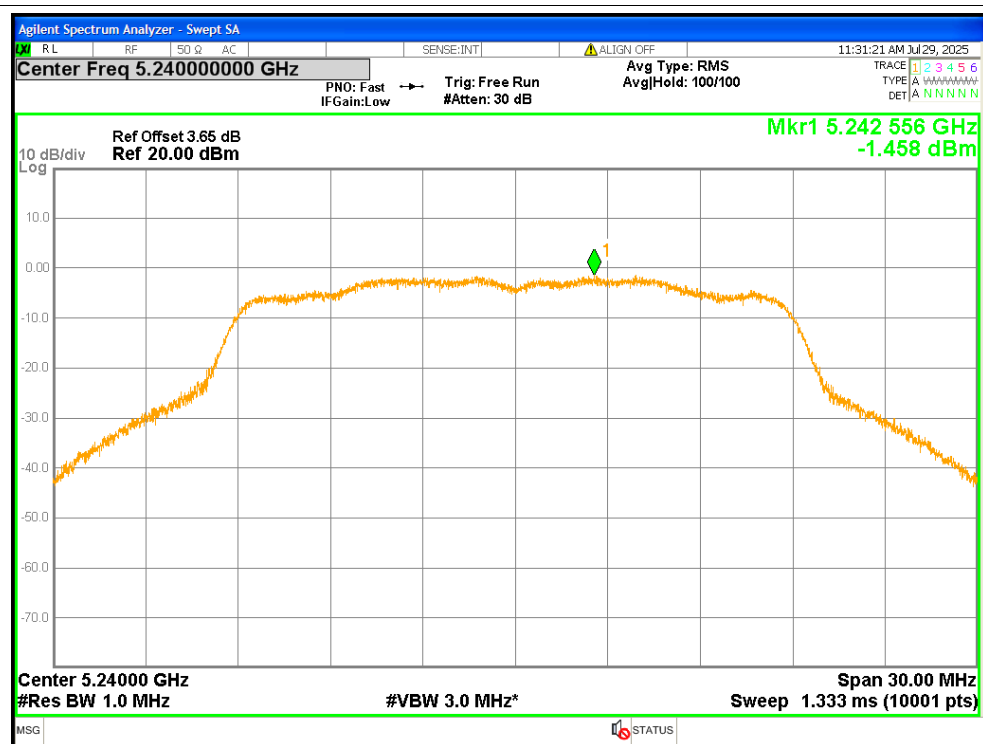
PSD NVNT n20 5200MHz Ant2



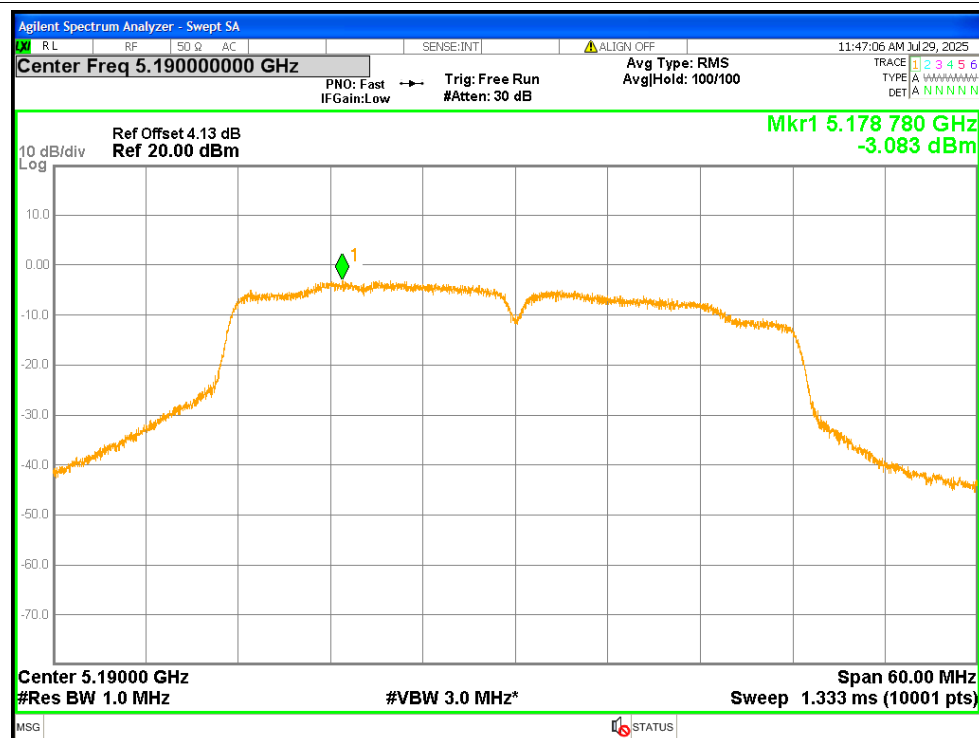
PSD NVNT n20 5240MHz Ant1



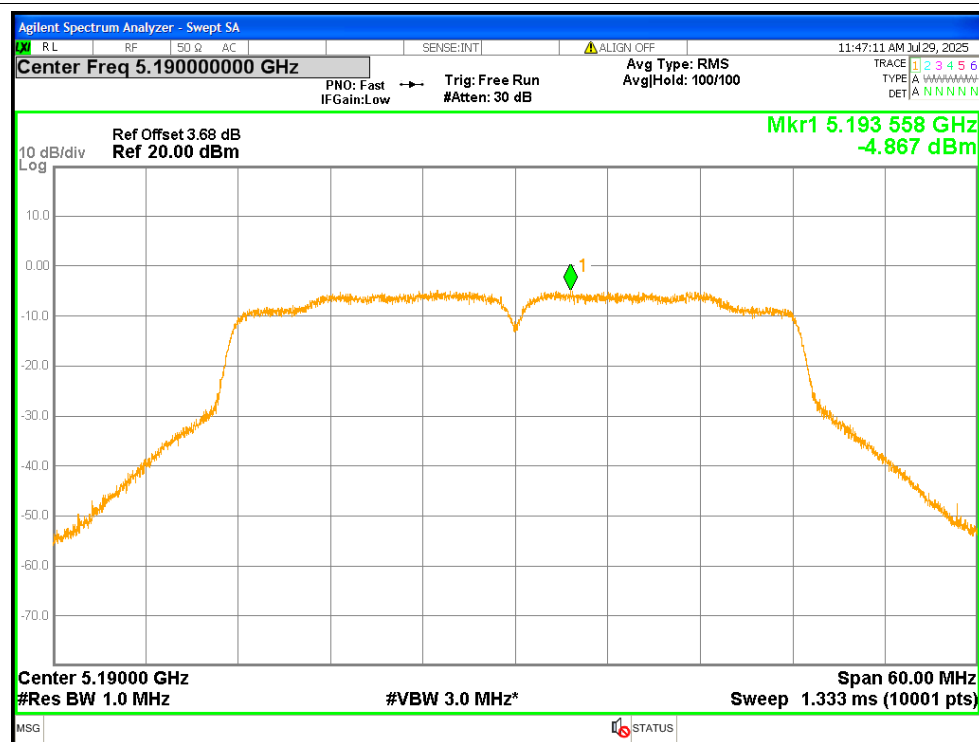
PSD NVNT n20 5240MHz Ant2



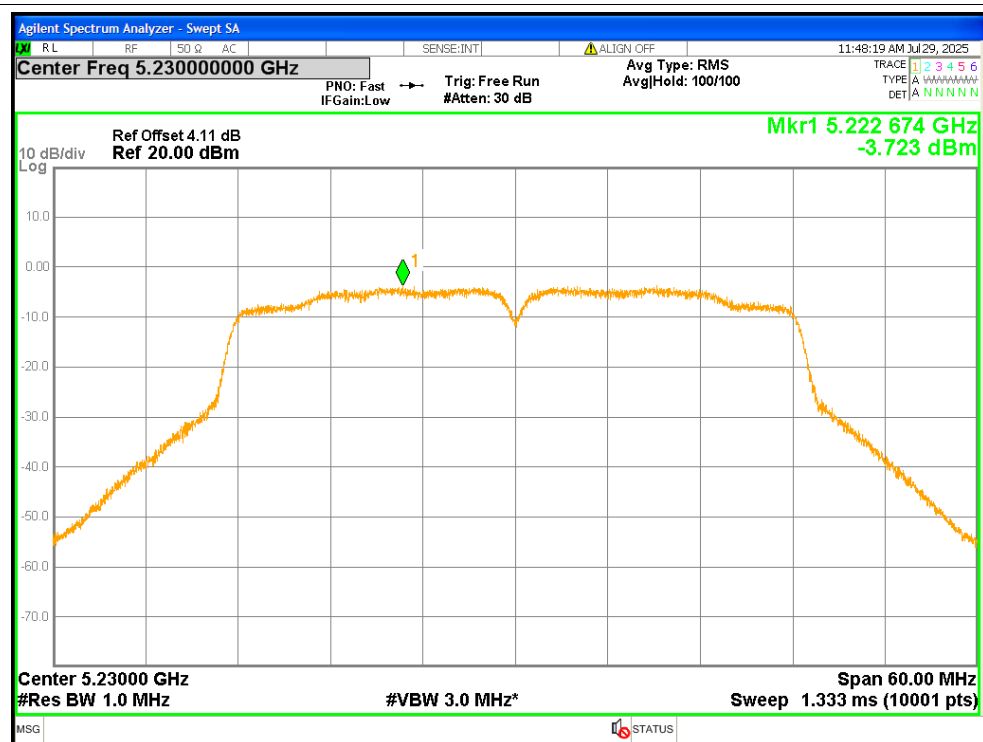
PSD NVNT n40 5190MHz Ant1



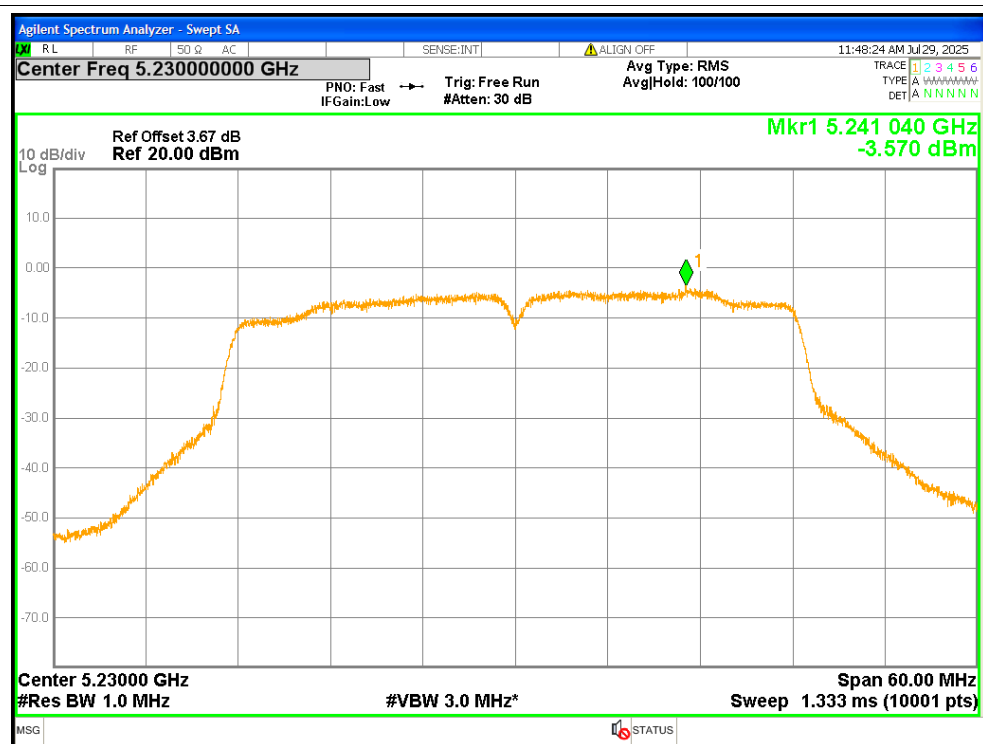
PSD NVNT n40 5190MHz Ant2



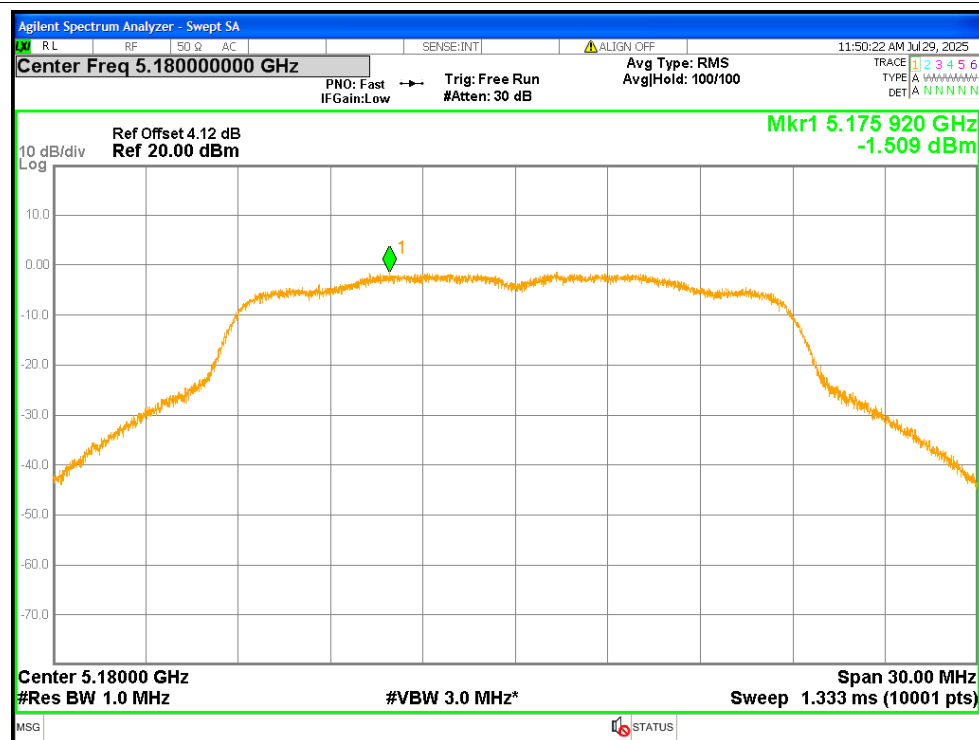
PSD NVNT n40 5230MHz Ant1



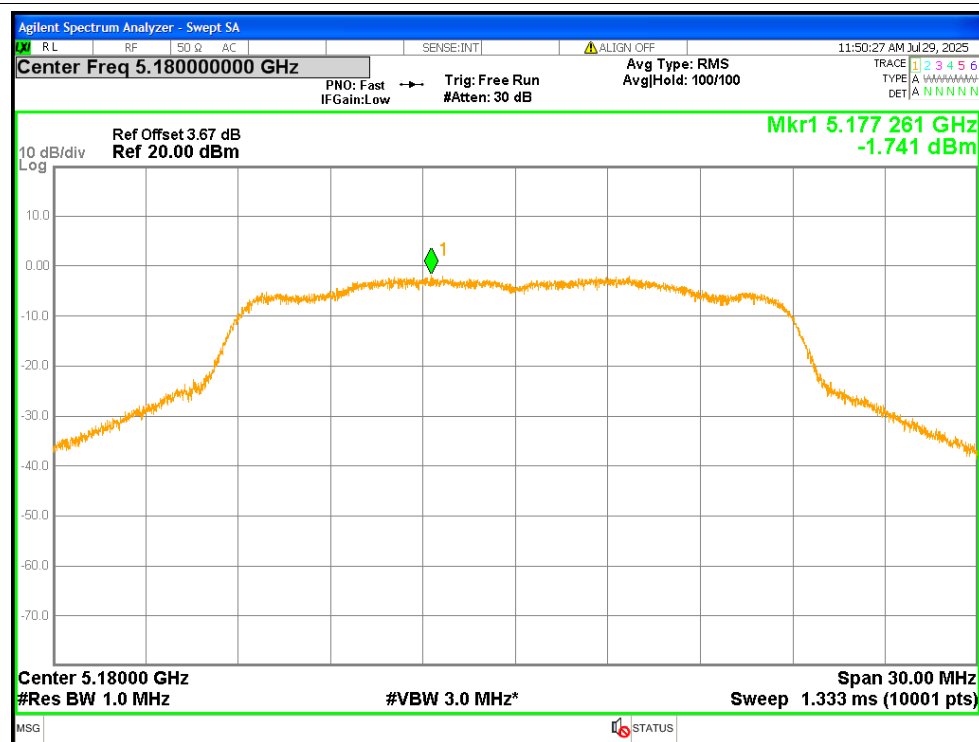
PSD NVNT n40 5230MHz Ant2



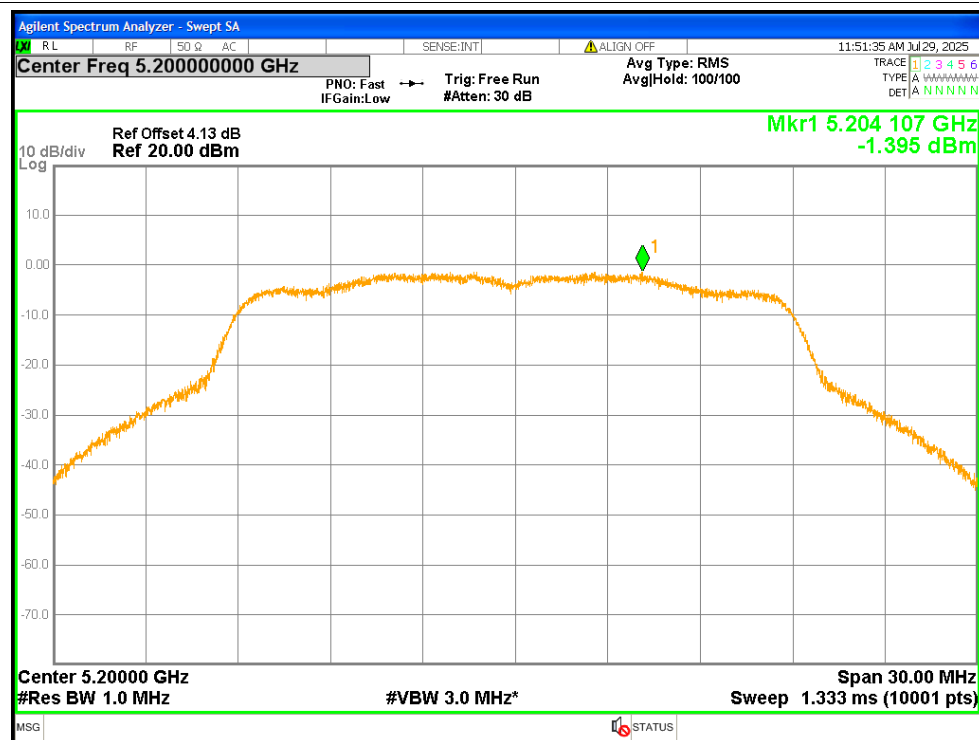
PSD NVNT ac20 5180MHz Ant1



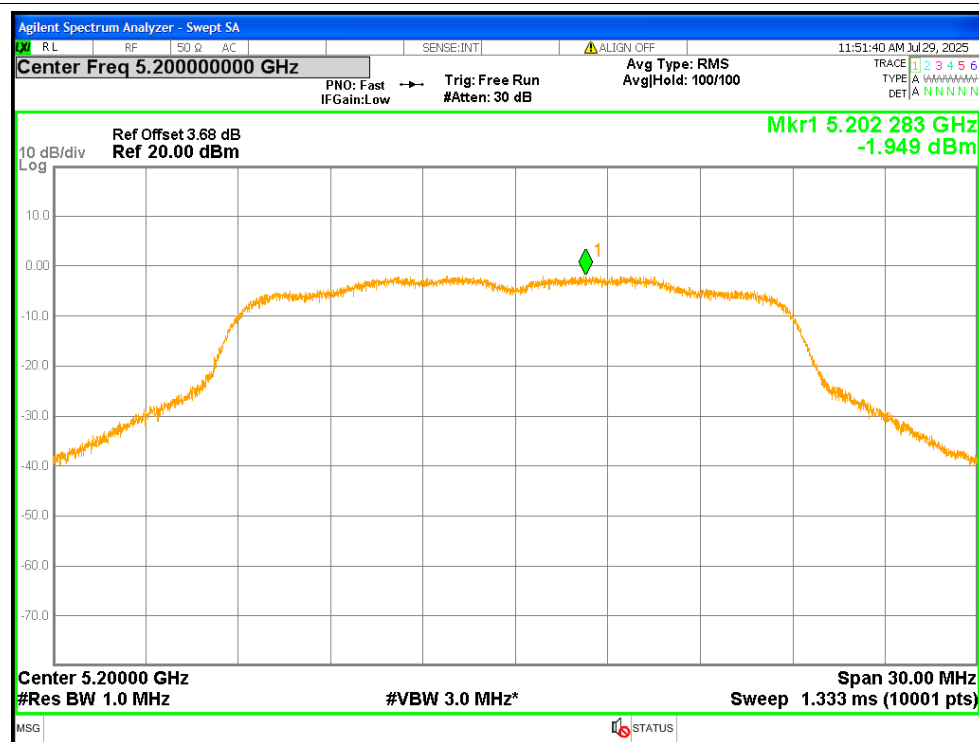
PSD NVNT ac20 5180MHz Ant2



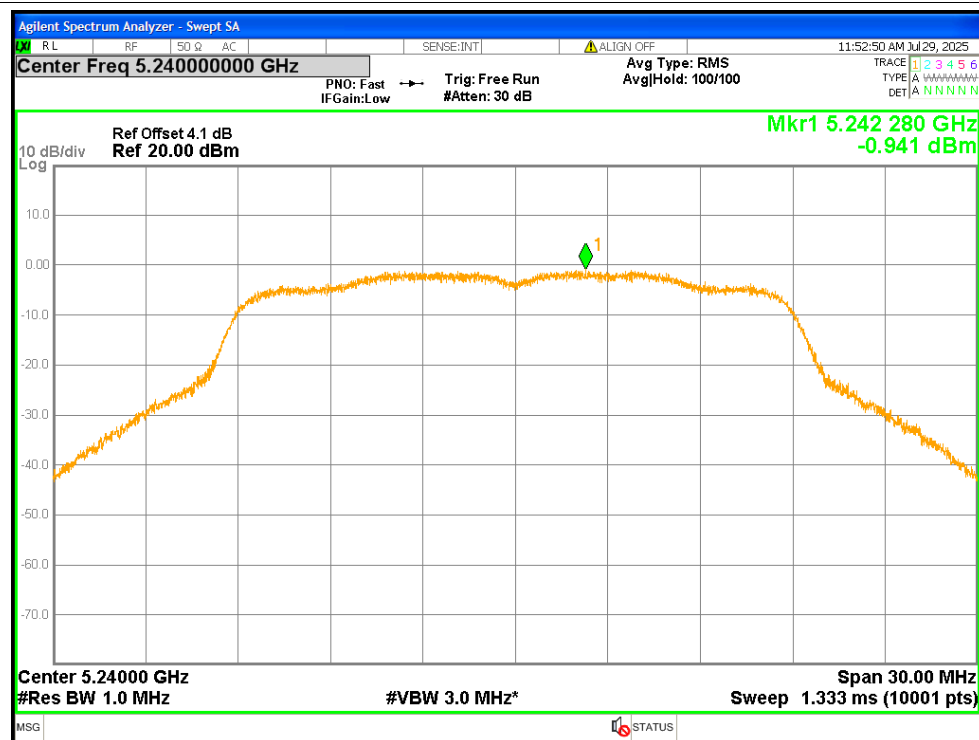
PSD NVNT ac20 5200MHz Ant1



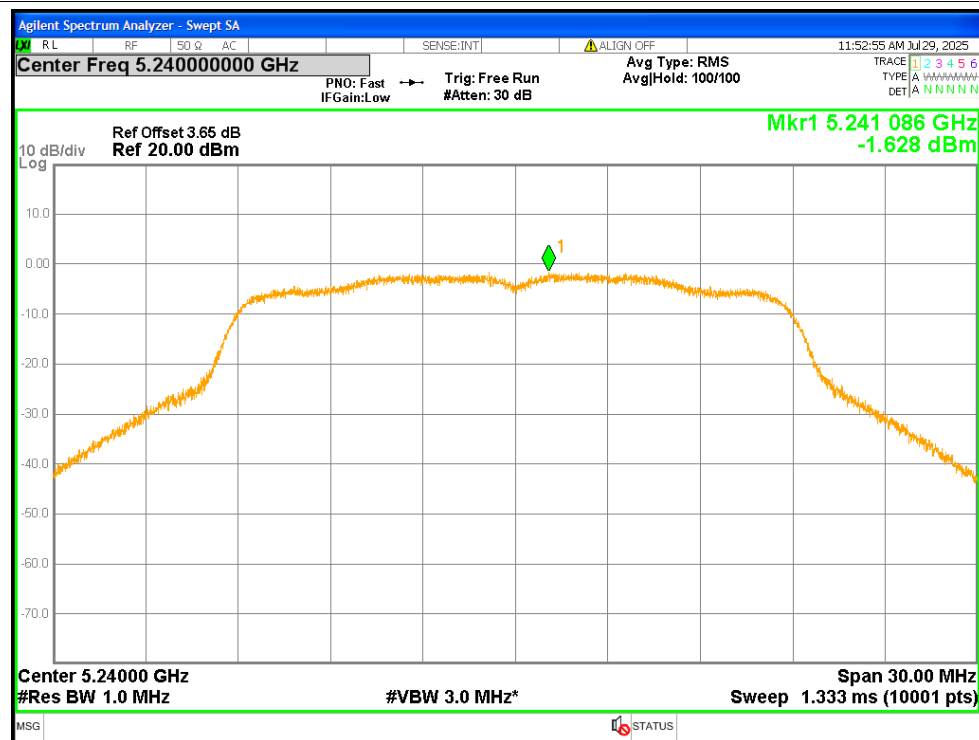
PSD NVNT ac20 5200MHz Ant2



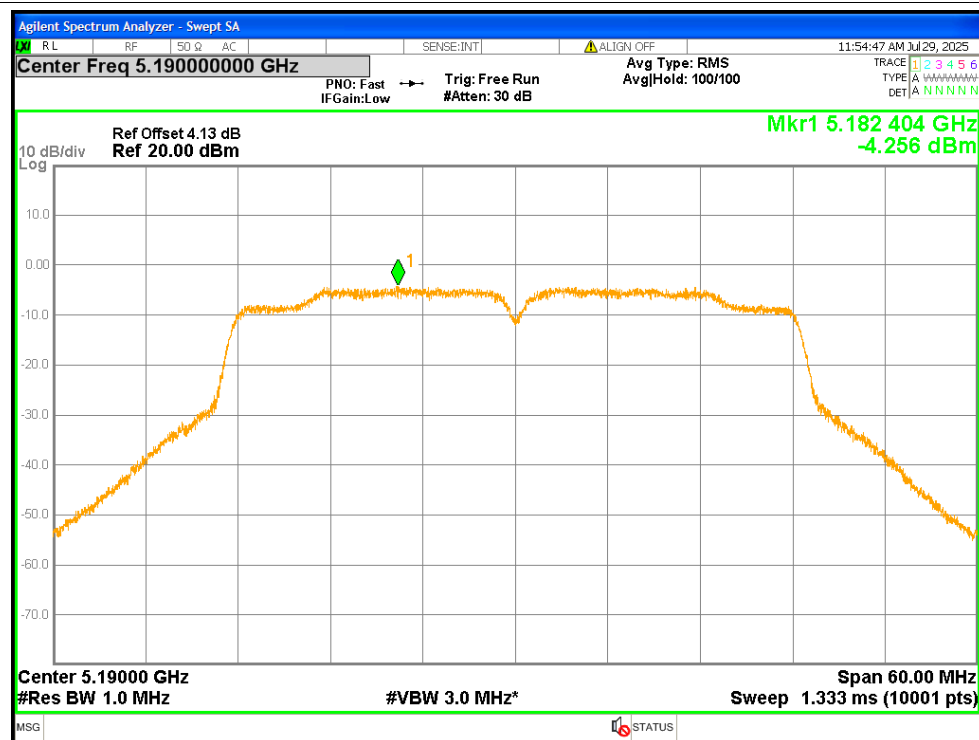
PSD NVNT ac20 5240MHz Ant1



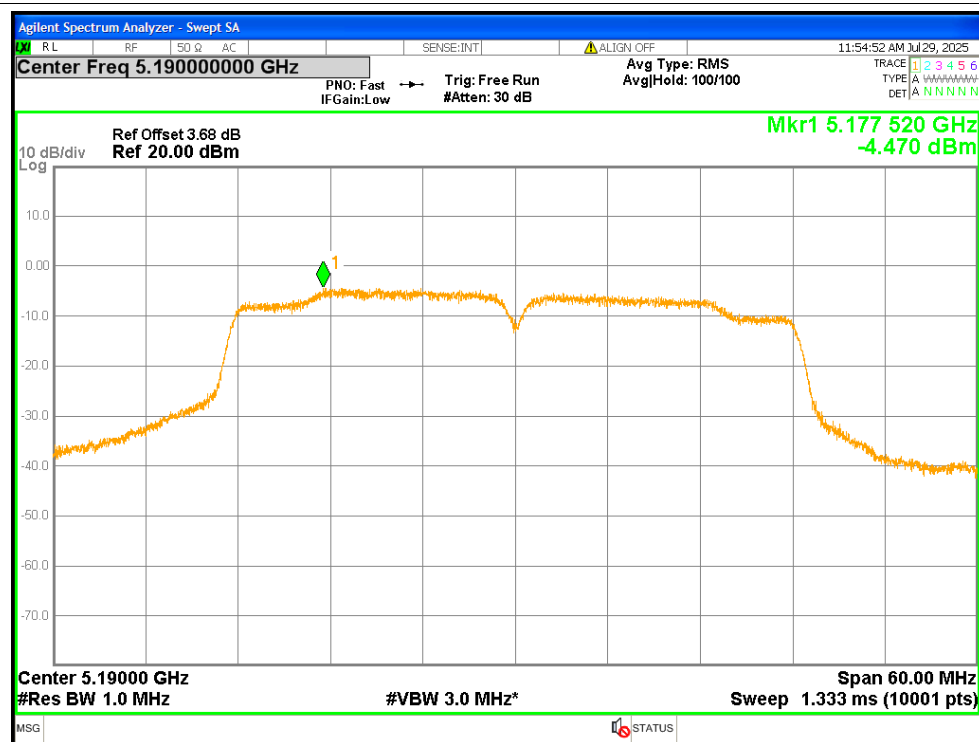
PSD NVNT ac20 5240MHz Ant2



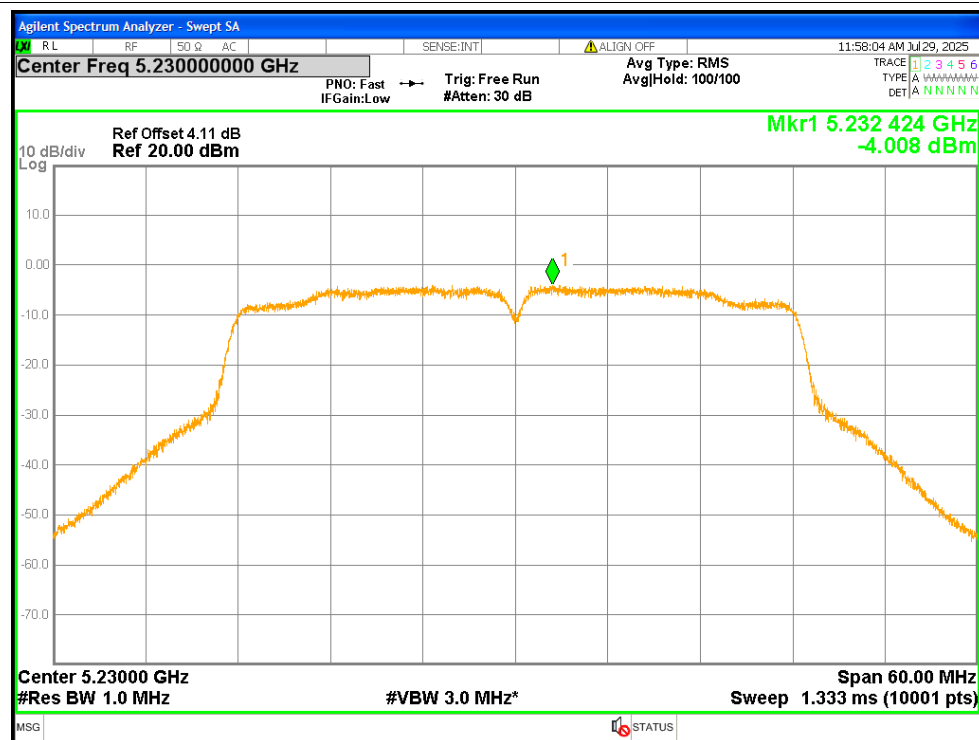
PSD NVNT ac40 5190MHz Ant1



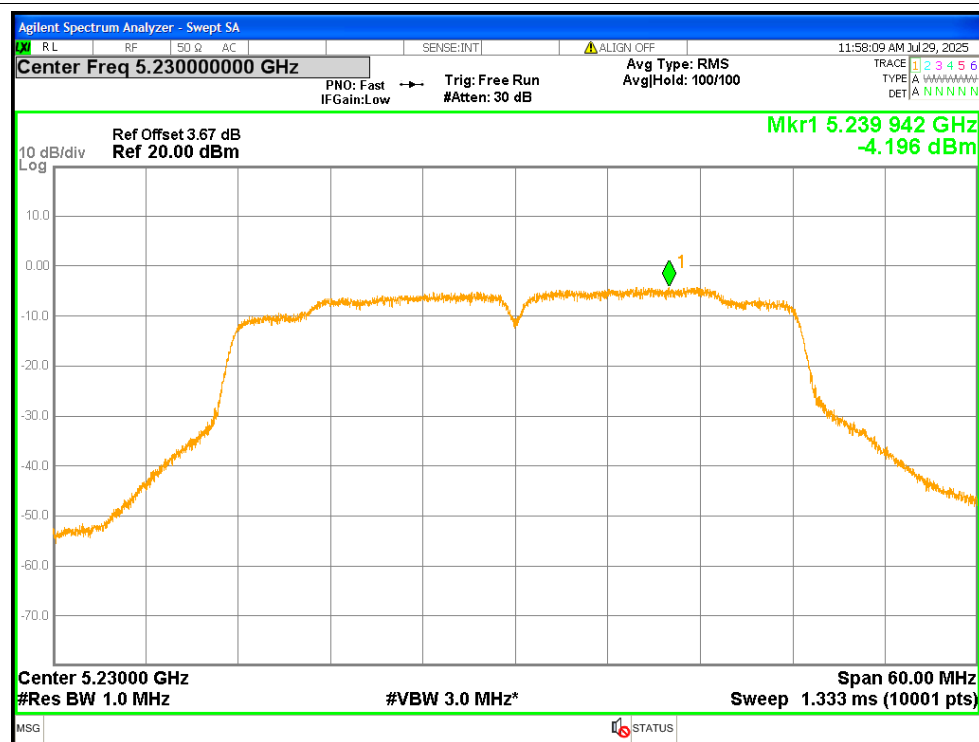
PSD NVNT ac40 5190MHz Ant2



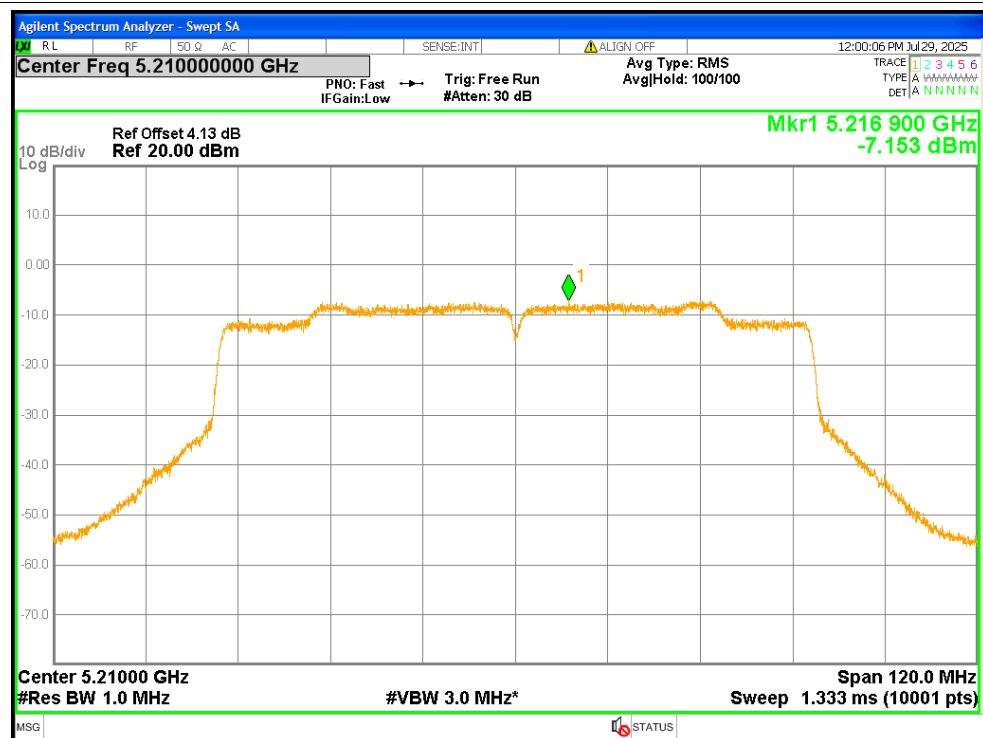
PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac40 5230MHz Ant2



PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5210MHz Ant2

