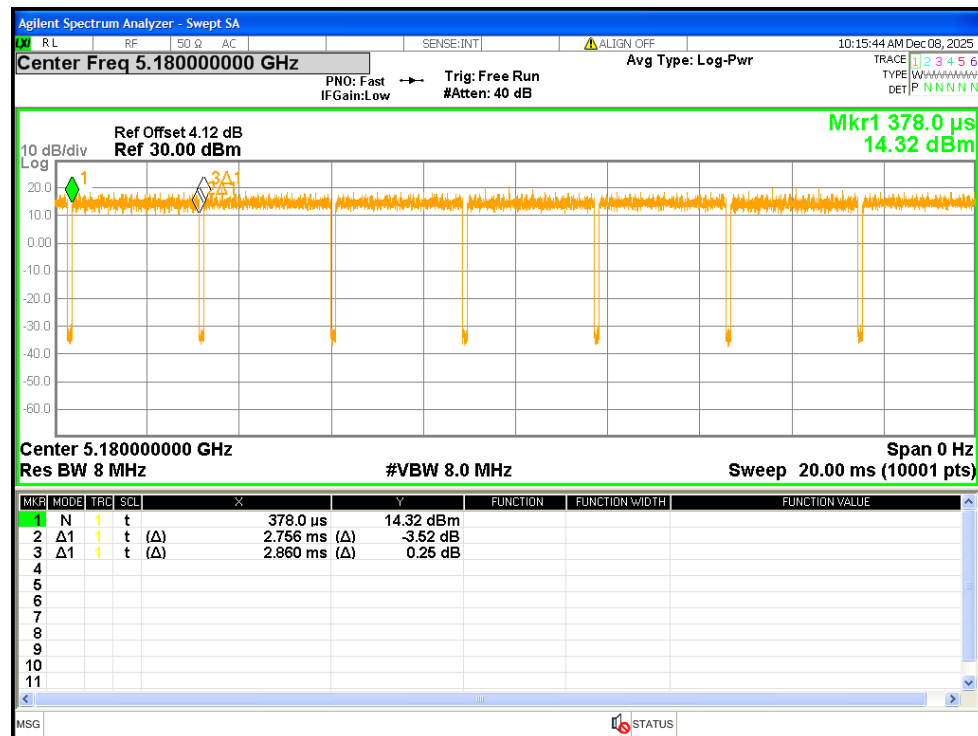


Duty Cycle

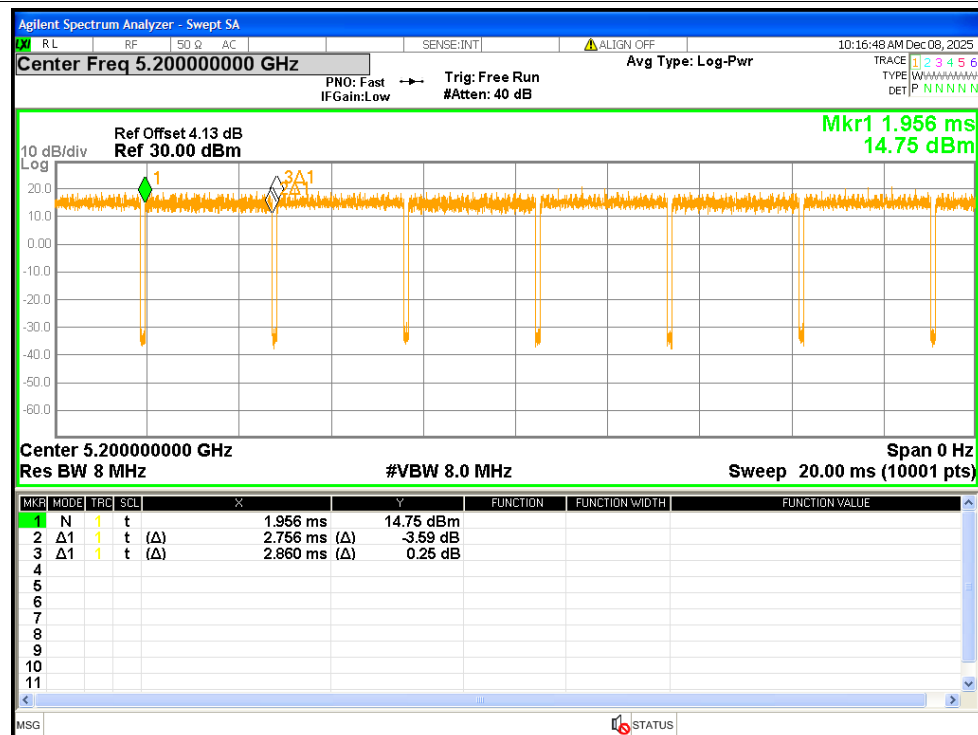
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5180	Ant1	2.756	2.86	96.36	0.16	0.36	0.23
NVNT	a	5200	Ant1	2.756	2.86	96.36	0.16	0.36	0.27
NVNT	a	5240	Ant1	2.756	2.86	96.36	0.16	0.36	0.32
NVNT	a	5180	Ant2	2.756	2.862	96.3	0.16	0.36	0.24
NVNT	a	5200	Ant2	2.758	2.862	96.37	0.16	0.36	0.23
NVNT	a	5240	Ant2	2.756	2.862	96.3	0.16	0.36	0.21
NVNT	n20	5180	MIMO	2.308	2.412	95.69	0.19	0.43	0.21
NVNT	n20	5200	MIMO	2.308	2.412	95.69	0.19	0.43	0.26
NVNT	n20	5240	MIMO	2.308	2.412	95.69	0.19	0.43	0.18
NVNT	n40	5190	MIMO	1.131	1.236	91.5	0.39	0.88	0.24
NVNT	n40	5230	MIMO	1.131	1.235	91.58	0.38	0.88	0.22
NVNT	ac20	5180	MIMO	2.312	2.418	95.62	0.19	0.43	0.24
NVNT	ac20	5200	MIMO	2.312	2.418	95.62	0.19	0.43	0.25
NVNT	ac20	5240	MIMO	2.312	2.416	95.7	0.19	0.43	0.22
NVNT	ac40	5190	MIMO	0.577	0.681	84.73	0.72	1.73	0.25
NVNT	ac40	5230	MIMO	0.576	0.681	84.58	0.73	1.74	0.19
NVNT	ac80	5210	MIMO	0.288	0.393	73.28	1.35	3.47	0.21

Test Graphs

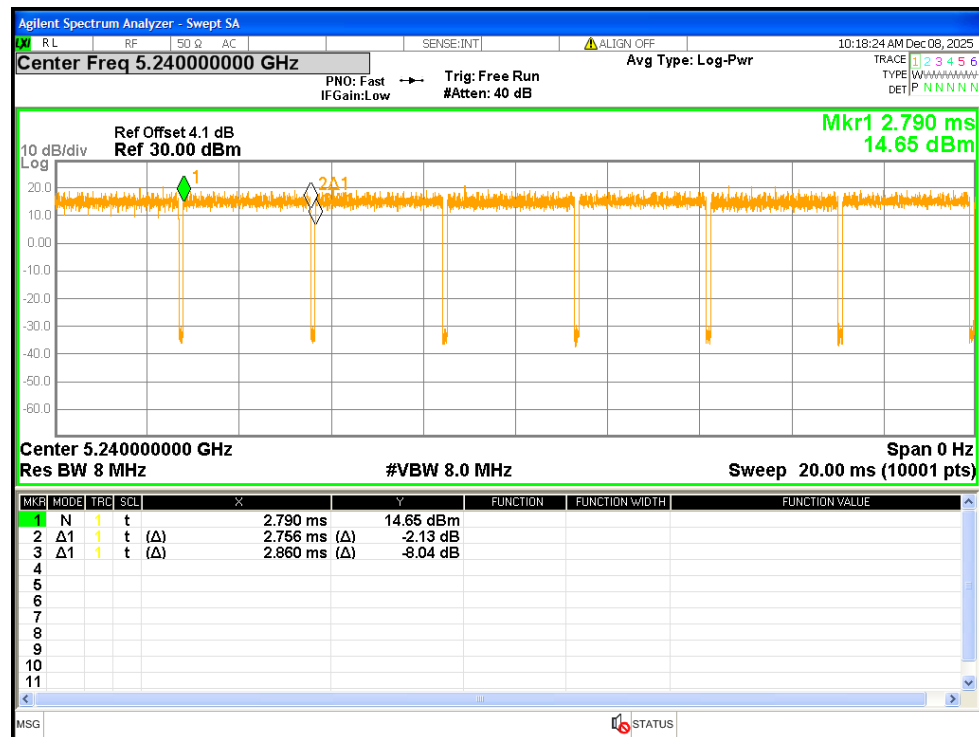
Duty Cycle NVNT a 5180MHz Ant1



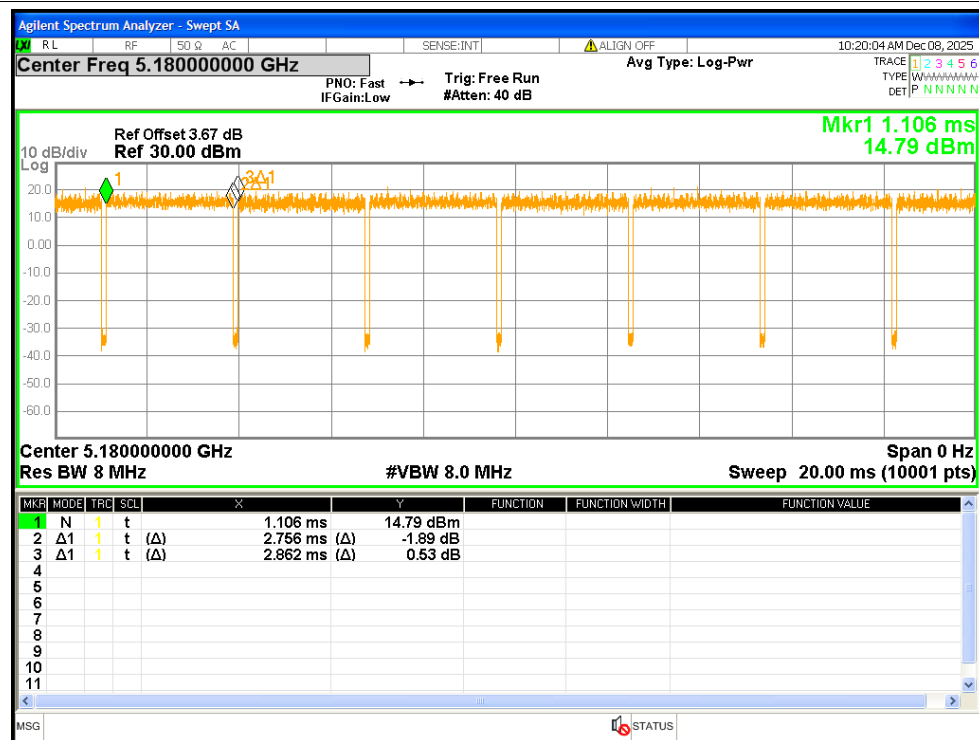
Duty Cycle NVNT a 5200MHz Ant1



Duty Cycle NVNT a 5240MHz Ant1

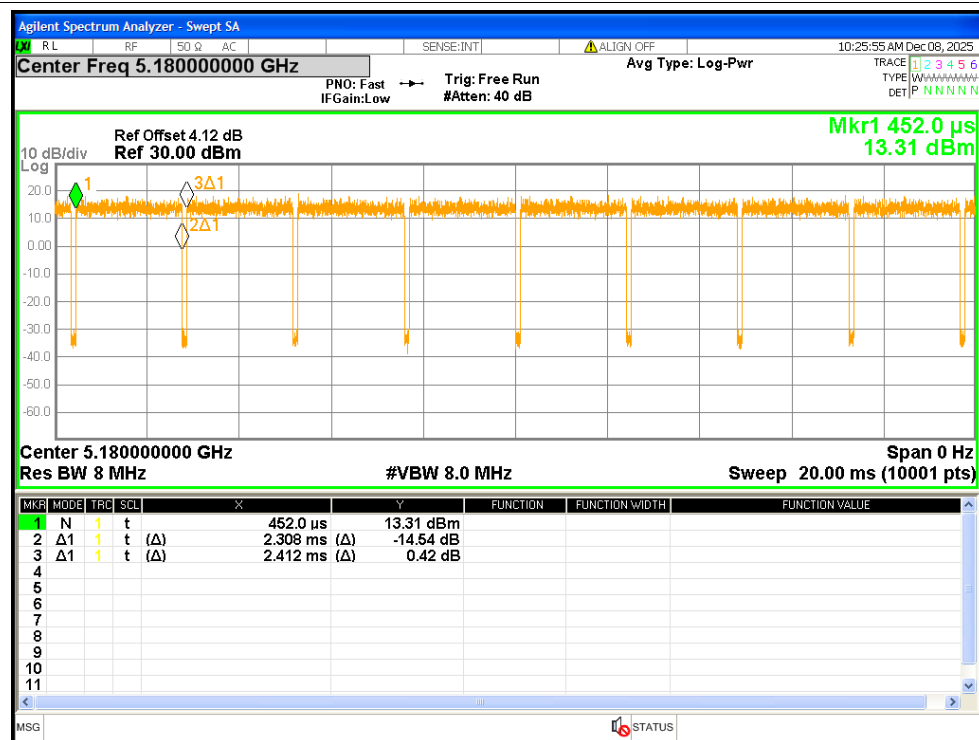


Duty Cycle NVNT a 5180MHz Ant2

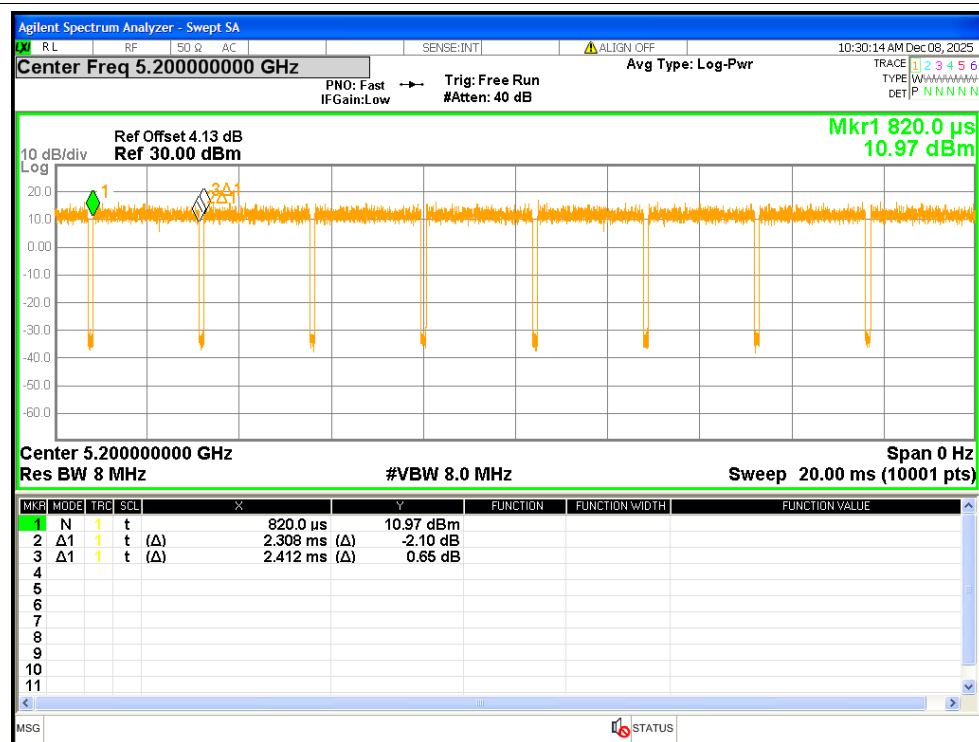


Duty Cycle NVNT a 5200MHz Ant2

Duty Cycle NVNT n20 5180MHz MIMO



Duty Cycle NVNT n20 5200MHz MIMO

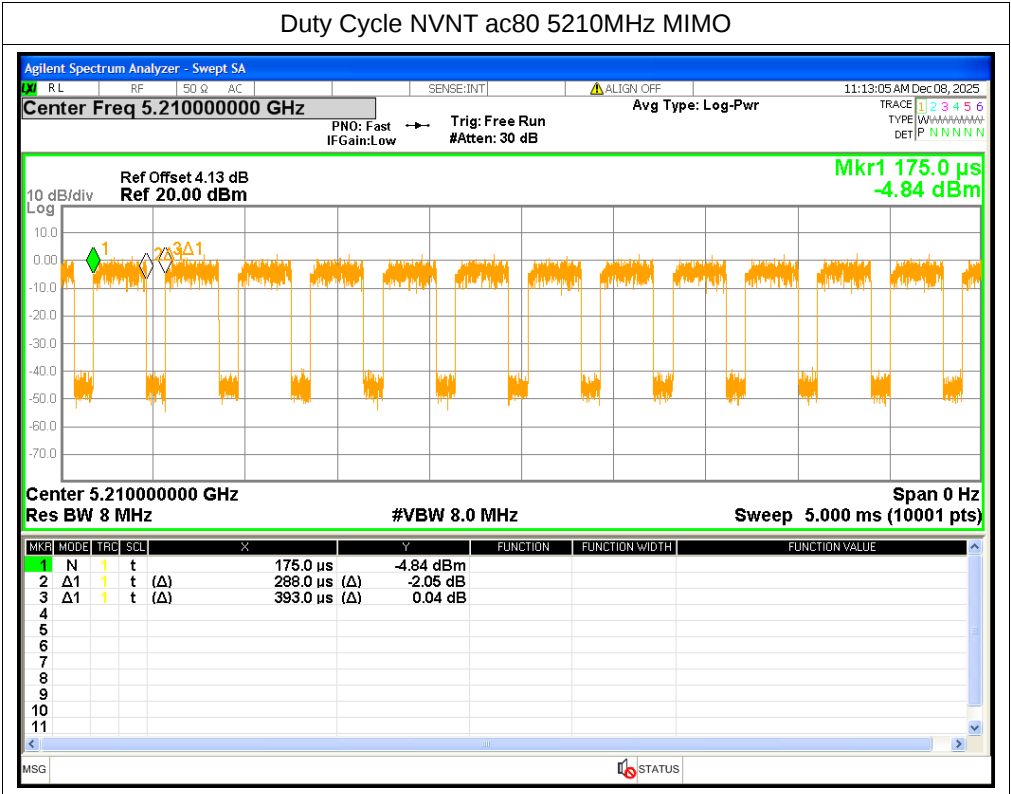


Duty Cycle NVNT n20 5240MHz MIMO

Duty Cycle NVNT n40 5230MHz MIMO

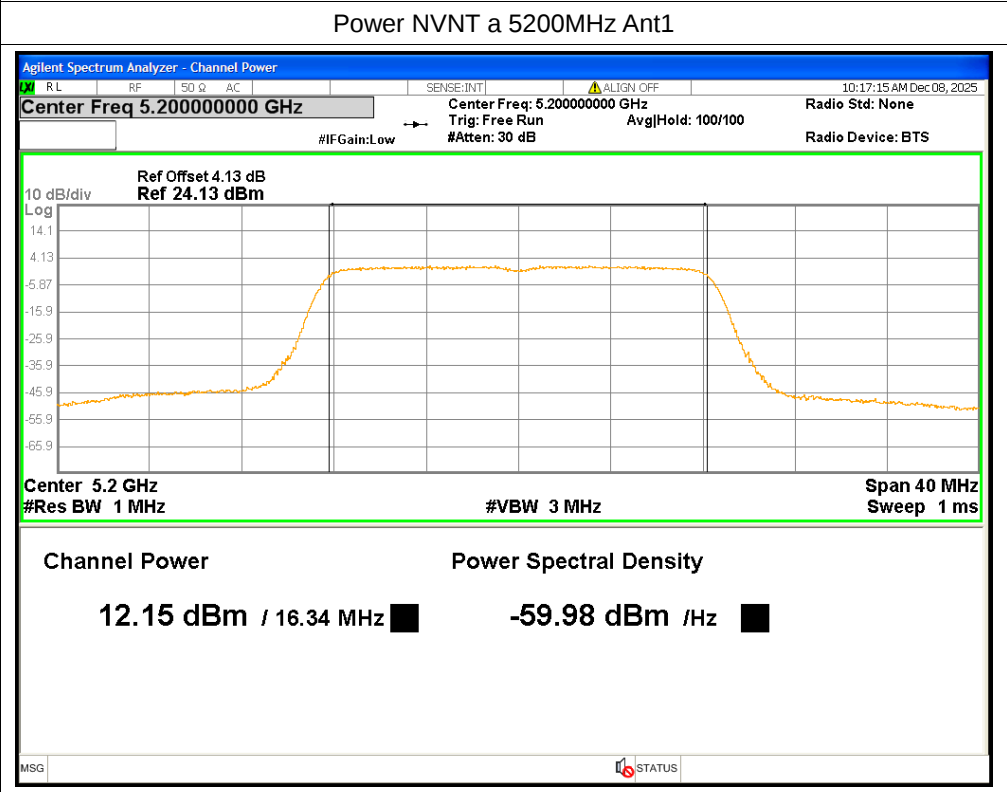
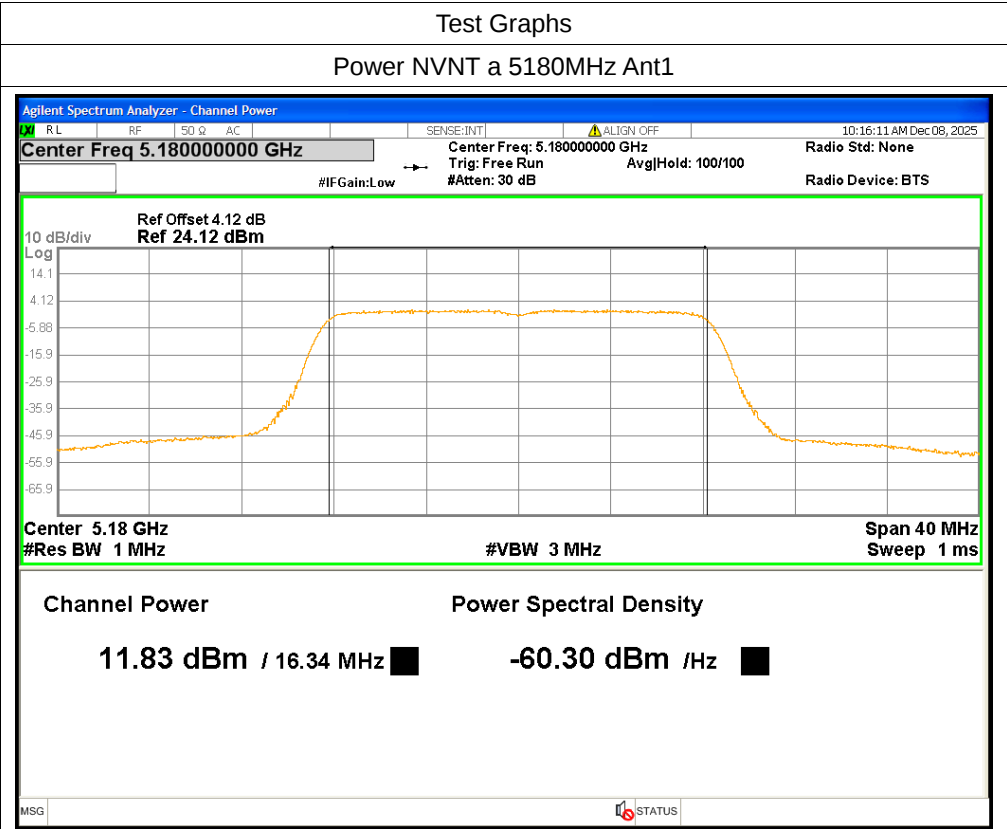
Duty Cycle NVNT ac20 5200MHz MIMO

Duty Cycle NVNT ac40 5190MHz MIMO

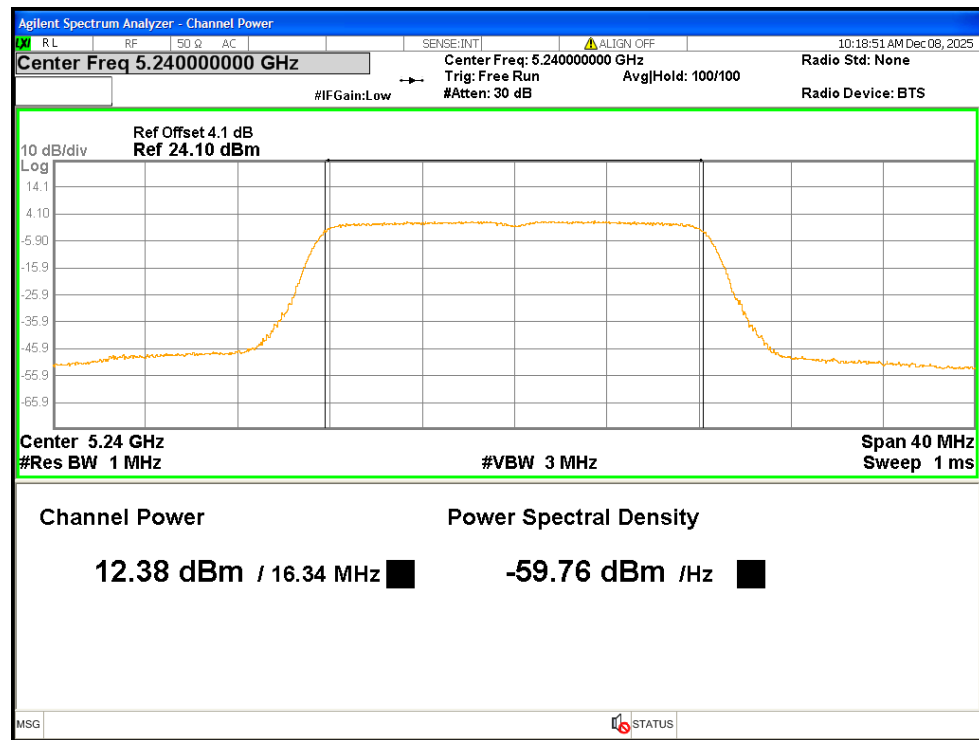


Maximum Conducted Output Power

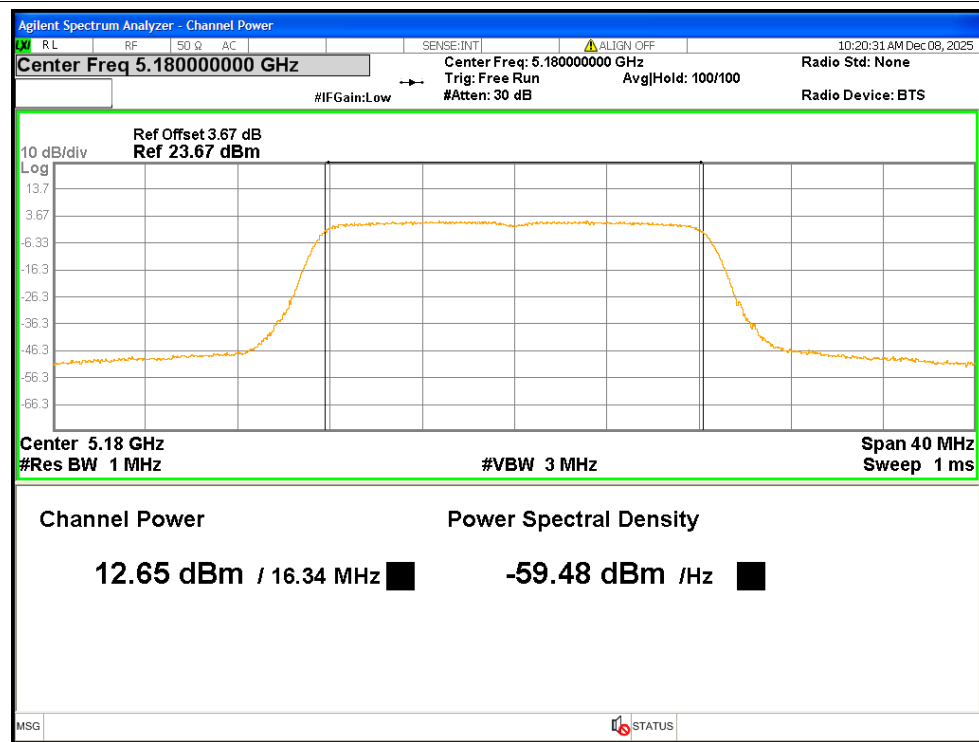
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.83	0.16	11.99	<=24	Pass
NVNT	a	5200	Ant1	12.15	0.16	12.31	<=24	Pass
NVNT	a	5240	Ant1	12.38	0.16	12.54	<=24	Pass
NVNT	a	5180	Ant2	12.65	0.16	12.81	<=24	Pass
NVNT	a	5200	Ant2	12.94	0.16	13.1	<=24	Pass
NVNT	a	5240	Ant2	12.75	0.16	12.91	<=24	Pass
NVNT	n20	5180	Ant1	10.98	0.19	11.17	<=24	Pass
NVNT	n20	5180	Ant2	9.09	0.19	9.28	<=24	Pass
NVNT	n20	5180	MIMO	-	-	13.34	<=24	Pass
NVNT	n20	5200	Ant1	9.06	0.19	9.25	<=24	Pass
NVNT	n20	5200	Ant2	9.53	0.19	9.72	<=24	Pass
NVNT	n20	5200	MIMO	-	-	12.5	<=24	Pass
NVNT	n20	5240	Ant1	9.34	0.19	9.53	<=24	Pass
NVNT	n20	5240	Ant2	6.21	0.19	6.4	<=24	Pass
NVNT	n20	5240	MIMO	-	-	11.25	<=24	Pass
NVNT	n40	5190	Ant1	9.34	0.39	9.73	<=24	Pass
NVNT	n40	5190	Ant2	9.44	0.39	9.83	<=24	Pass
NVNT	n40	5190	MIMO	-	-	12.79	<=24	Pass
NVNT	n40	5230	Ant1	9.18	0.38	9.56	<=24	Pass
NVNT	n40	5230	Ant2	5.73	0.38	6.11	<=24	Pass
NVNT	n40	5230	MIMO	-	-	11.18	<=24	Pass
NVNT	ac20	5180	Ant1	10.28	0.19	10.47	<=24	Pass
NVNT	ac20	5180	Ant2	8.25	0.19	8.44	<=24	Pass
NVNT	ac20	5180	MIMO	-	-	12.58	<=24	Pass
NVNT	ac20	5200	Ant1	8	0.19	8.19	<=24	Pass
NVNT	ac20	5200	Ant2	8.44	0.19	8.63	<=24	Pass
NVNT	ac20	5200	MIMO	-	-	11.43	<=24	Pass
NVNT	ac20	5240	Ant1	8.23	0.19	8.42	<=24	Pass
NVNT	ac20	5240	Ant2	5.25	0.19	5.44	<=24	Pass
NVNT	ac20	5240	MIMO	-	-	10.19	<=24	Pass
NVNT	ac40	5190	Ant1	8.74	0.72	9.46	<=24	Pass
NVNT	ac40	5190	Ant2	8.94	0.72	9.66	<=24	Pass
NVNT	ac40	5190	MIMO	-	-	12.57	<=24	Pass
NVNT	ac40	5230	Ant1	8.76	0.73	9.49	<=24	Pass
NVNT	ac40	5230	Ant2	5.29	0.73	6.02	<=24	Pass
NVNT	ac40	5230	MIMO	-	-	11.1	<=24	Pass
NVNT	ac80	5210	Ant1	6.3	1.35	7.65	<=24	Pass
NVNT	ac80	5210	Ant2	9.98	1.35	11.33	<=24	Pass
NVNT	ac80	5210	MIMO	-	-	12.88	<=24	Pass



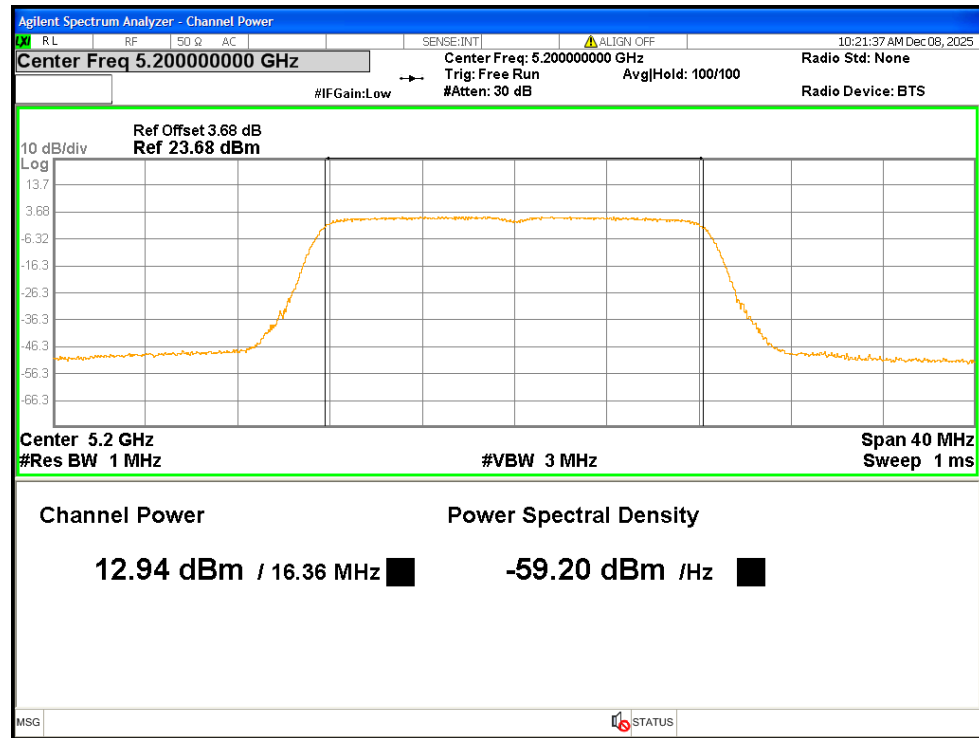
Power NVNT a 5240MHz Ant1



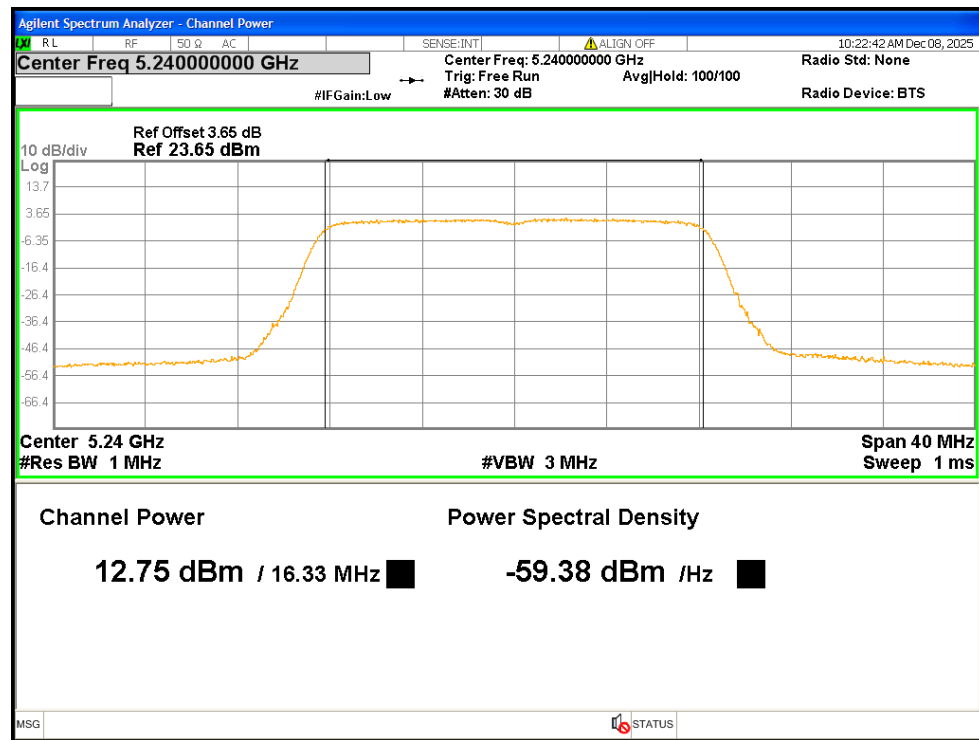
Power NVNT a 5180MHz Ant2



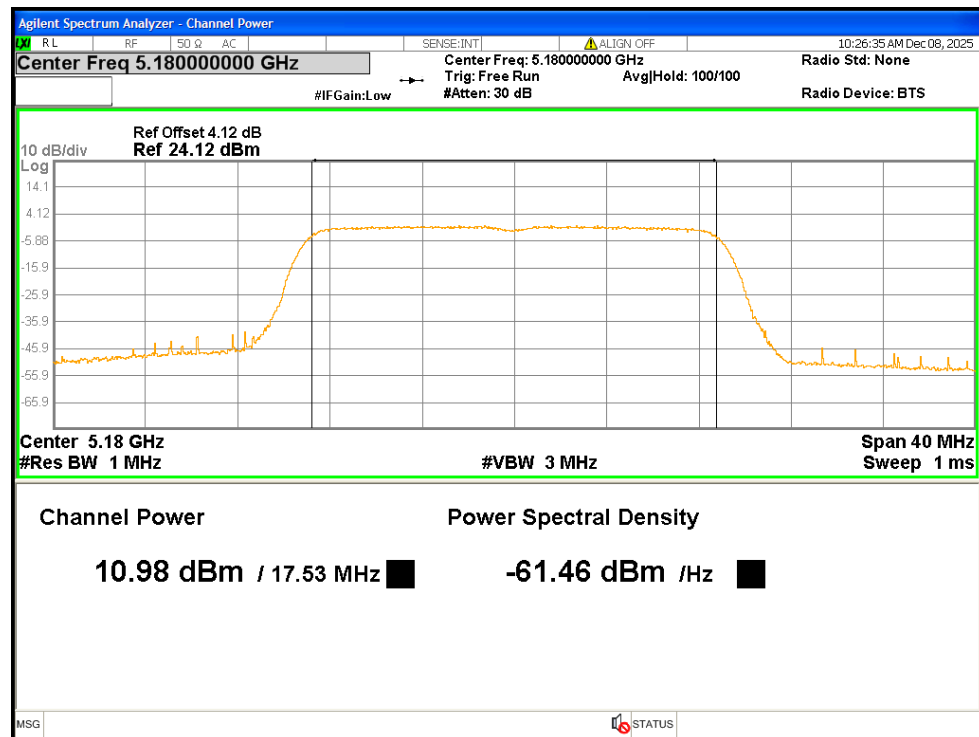
Power NVNT a 5200MHz Ant2



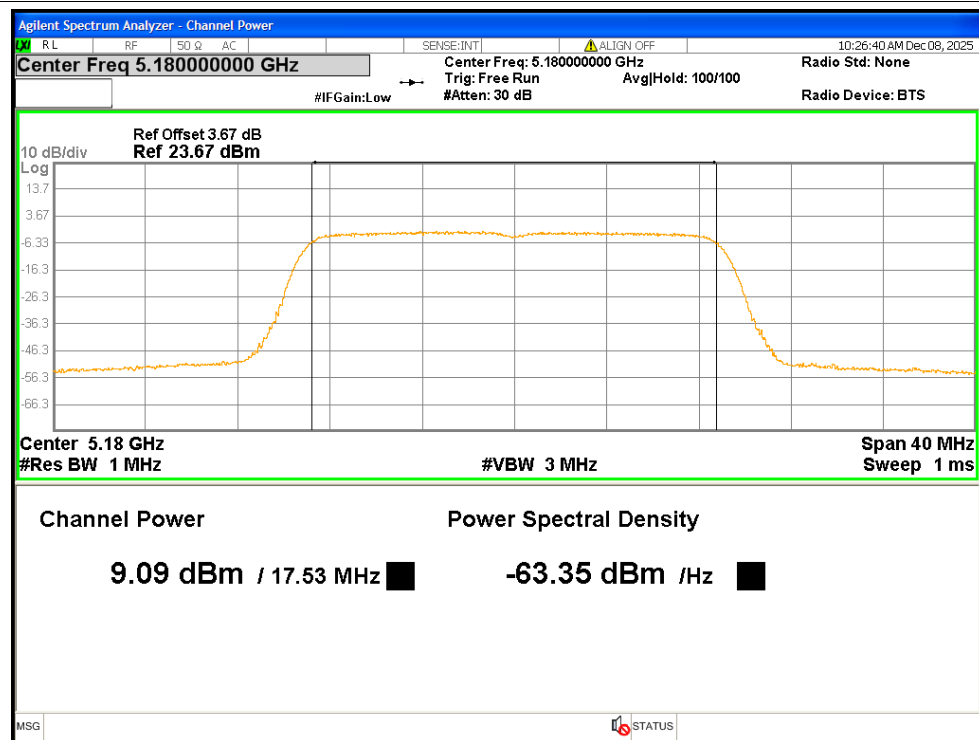
Power NVNT a 5240MHz Ant2



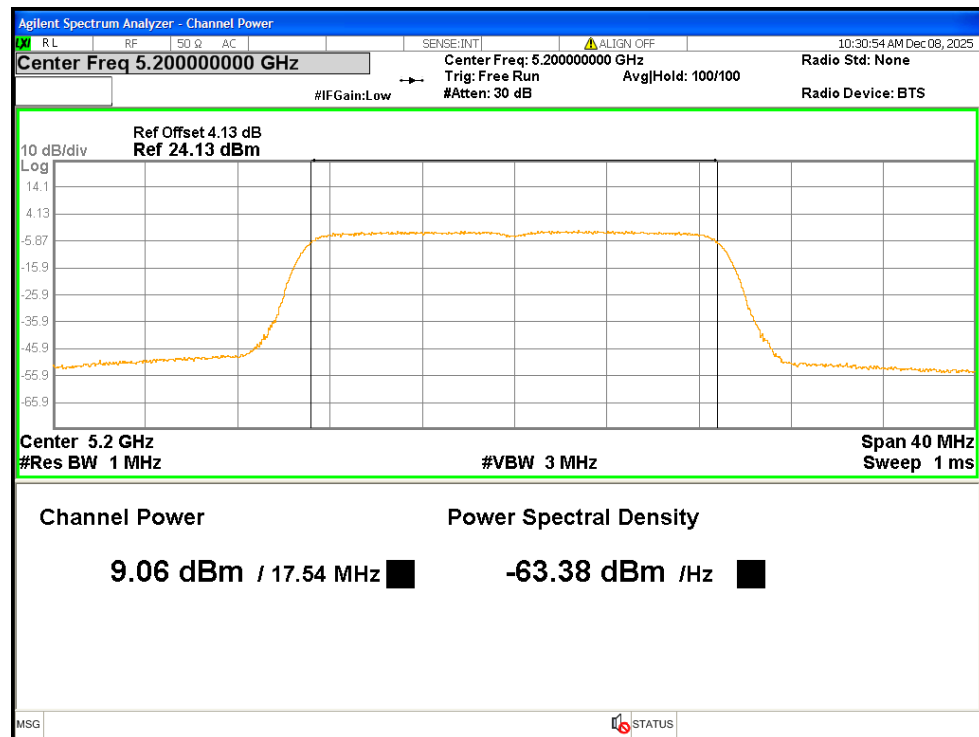
Power NVNT n20 5180MHz Ant1



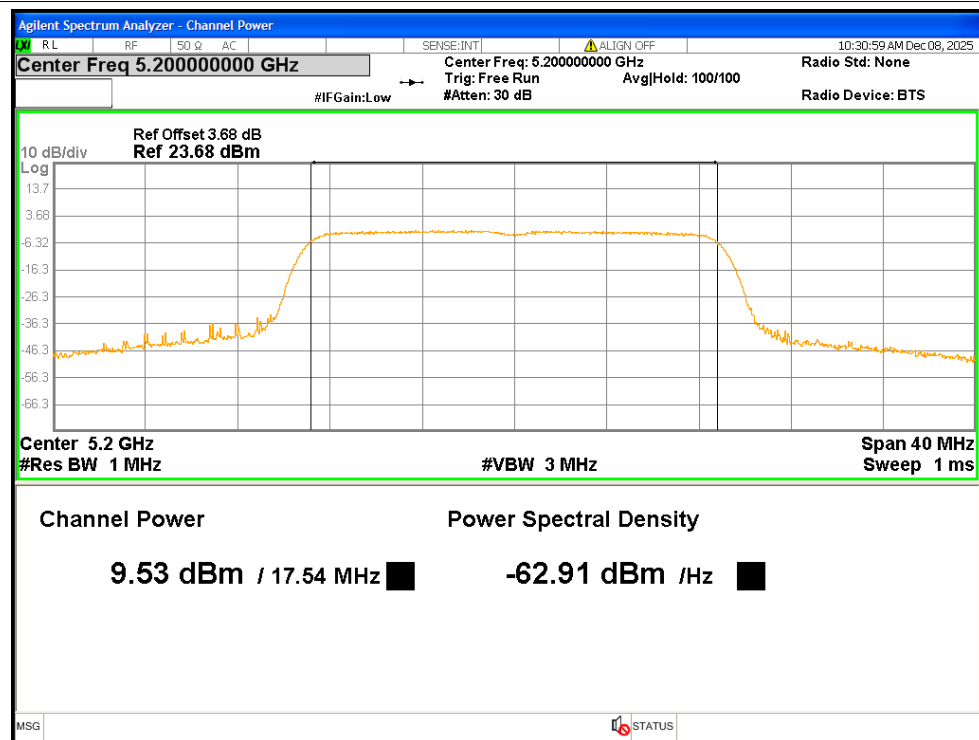
Power NVNT n20 5180MHz Ant2



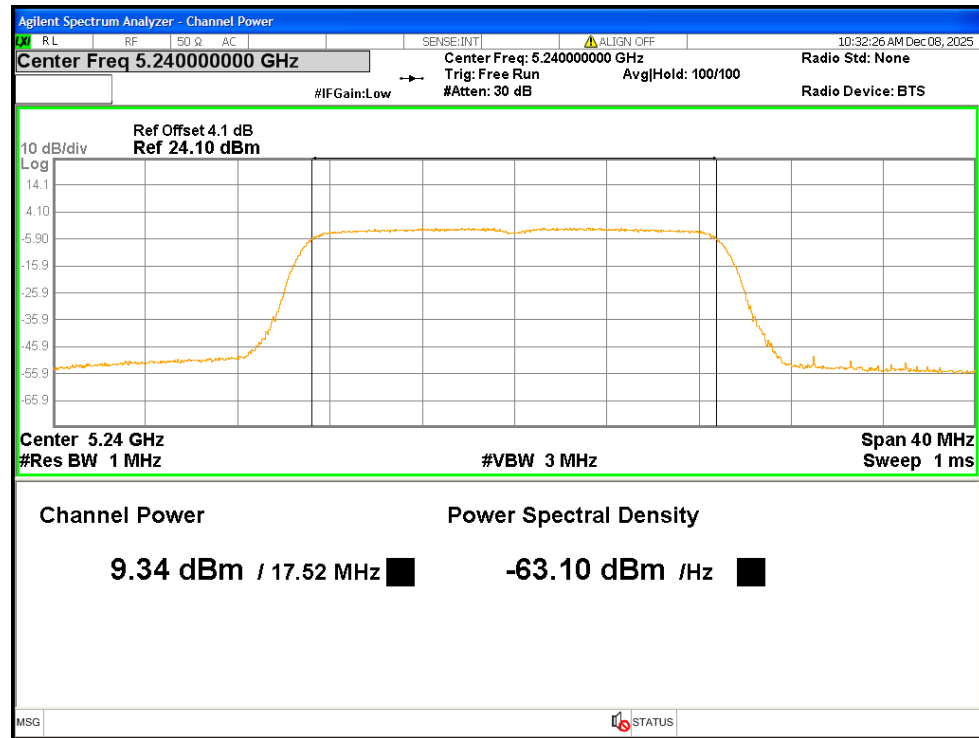
Power NVNT n20 5200MHz Ant1



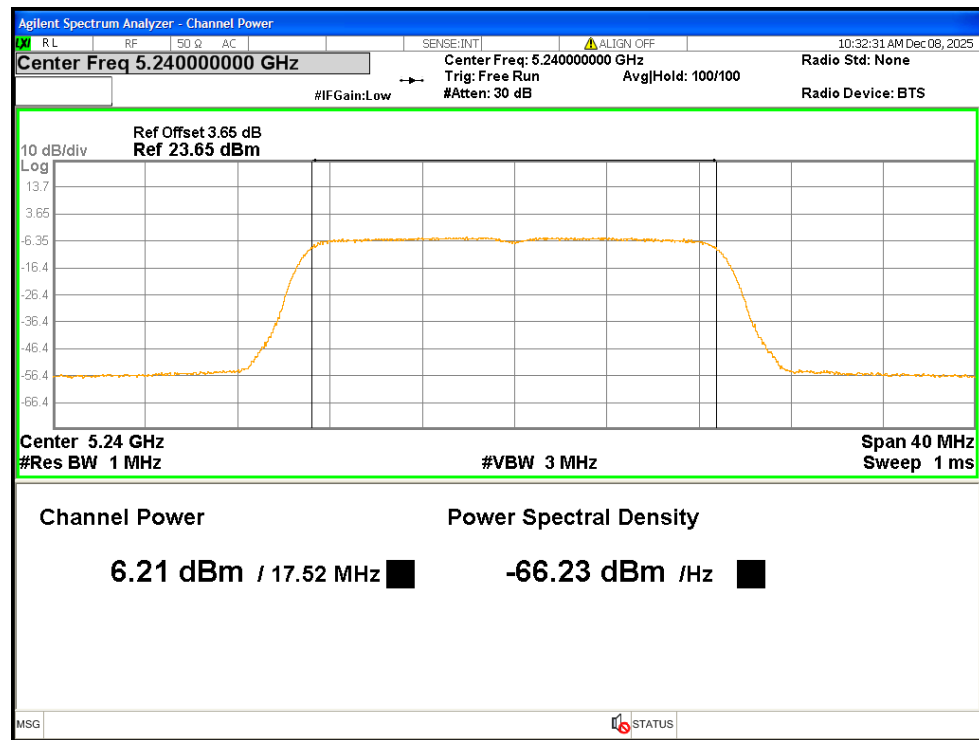
Power NVNT n20 5200MHz Ant2



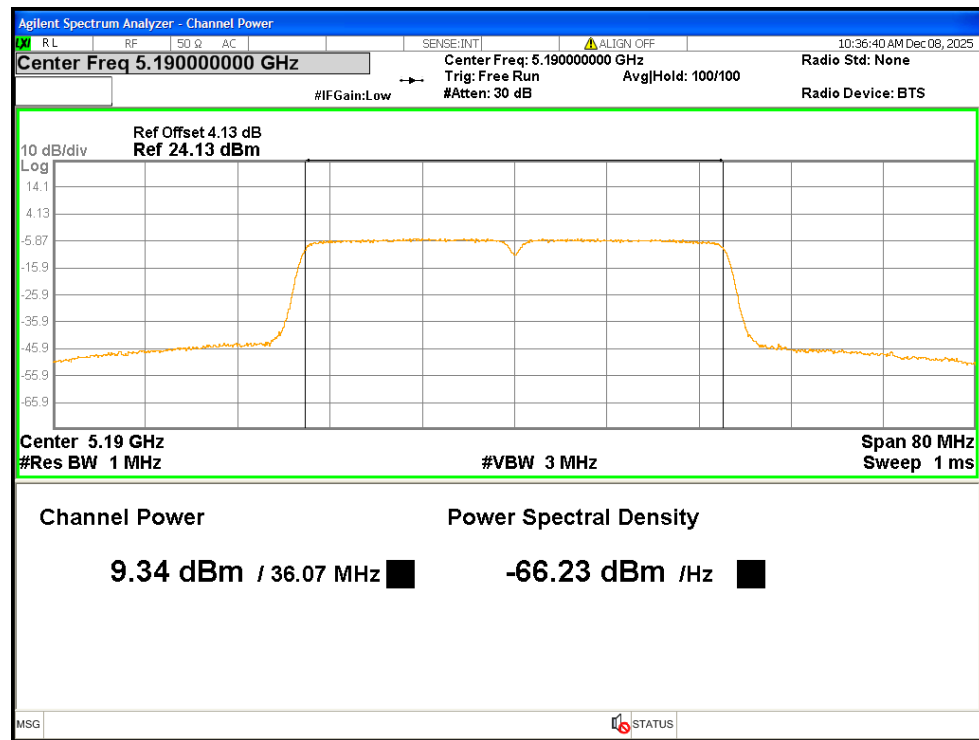
Power NVNT n20 5240MHz Ant1



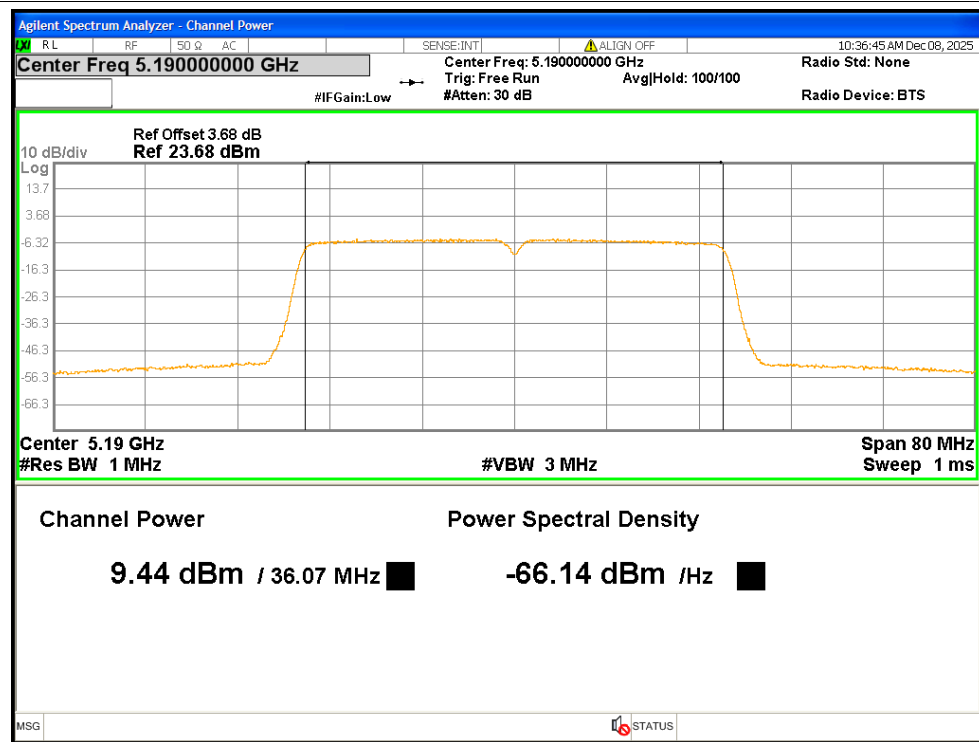
Power NVNT n20 5240MHz Ant2



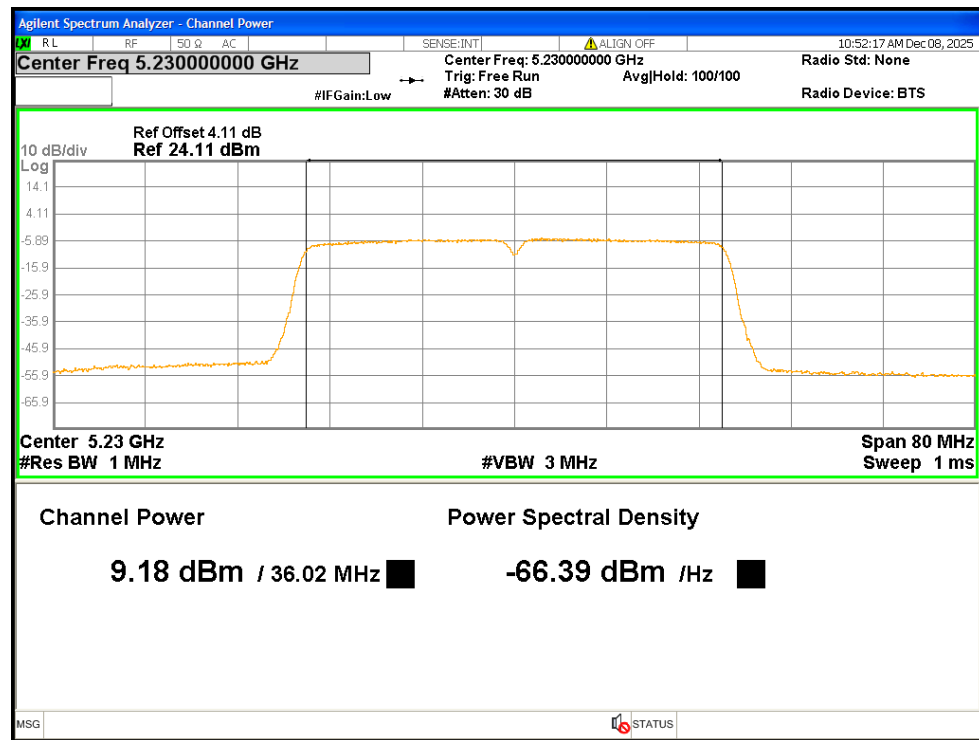
Power NVNT n40 5190MHz Ant1



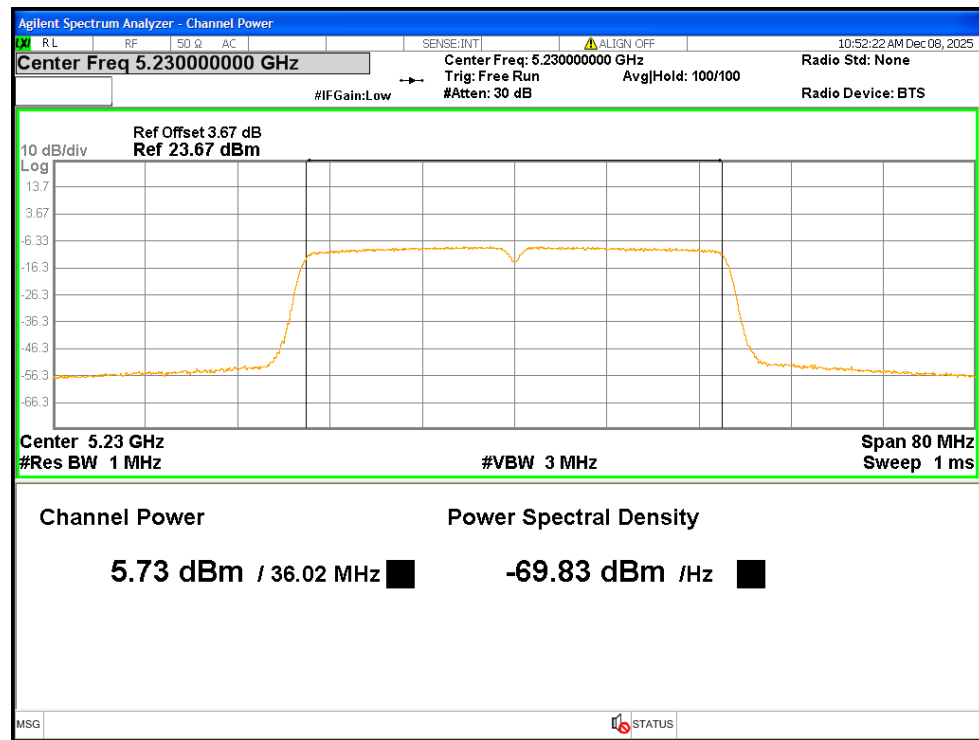
Power NVNT n40 5190MHz Ant2



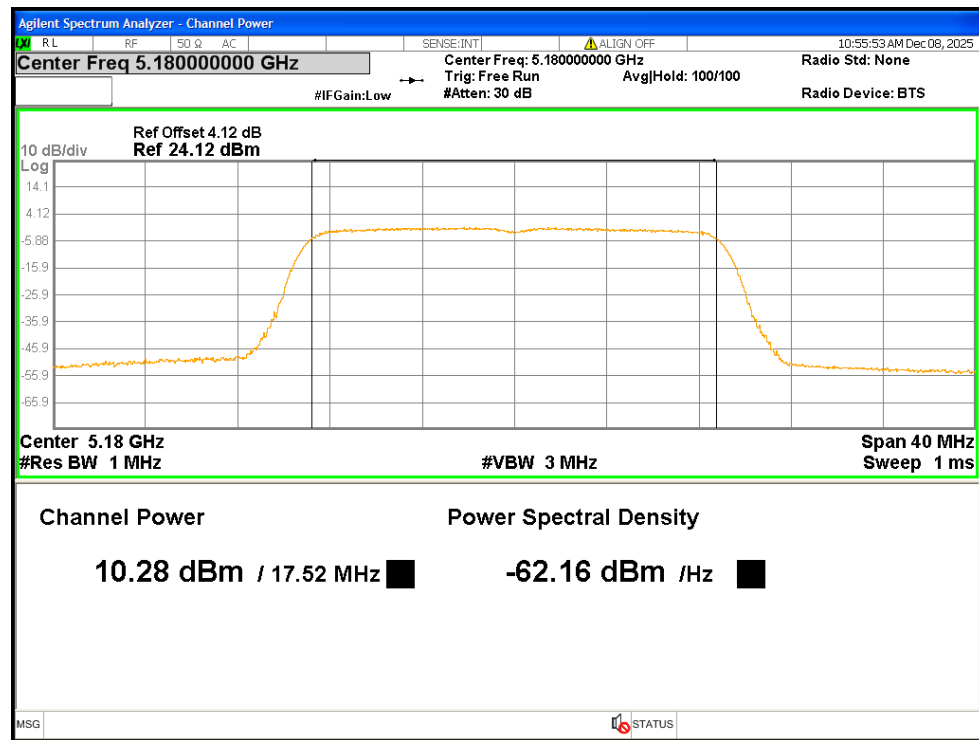
Power NVNT n40 5230MHz Ant1



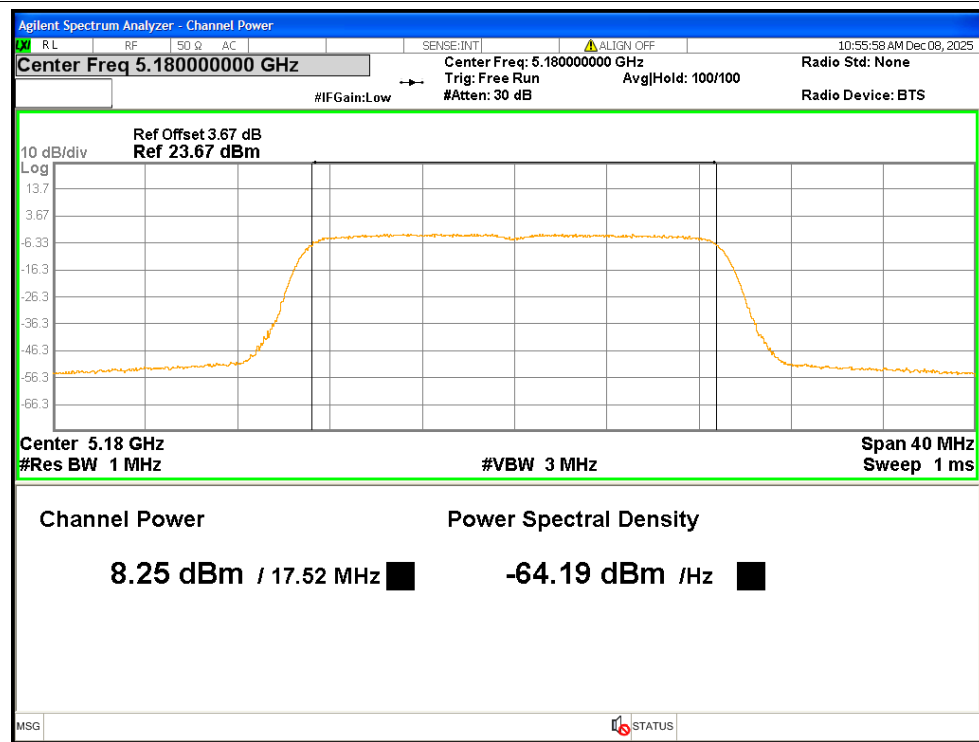
Power NVNT n40 5230MHz Ant2



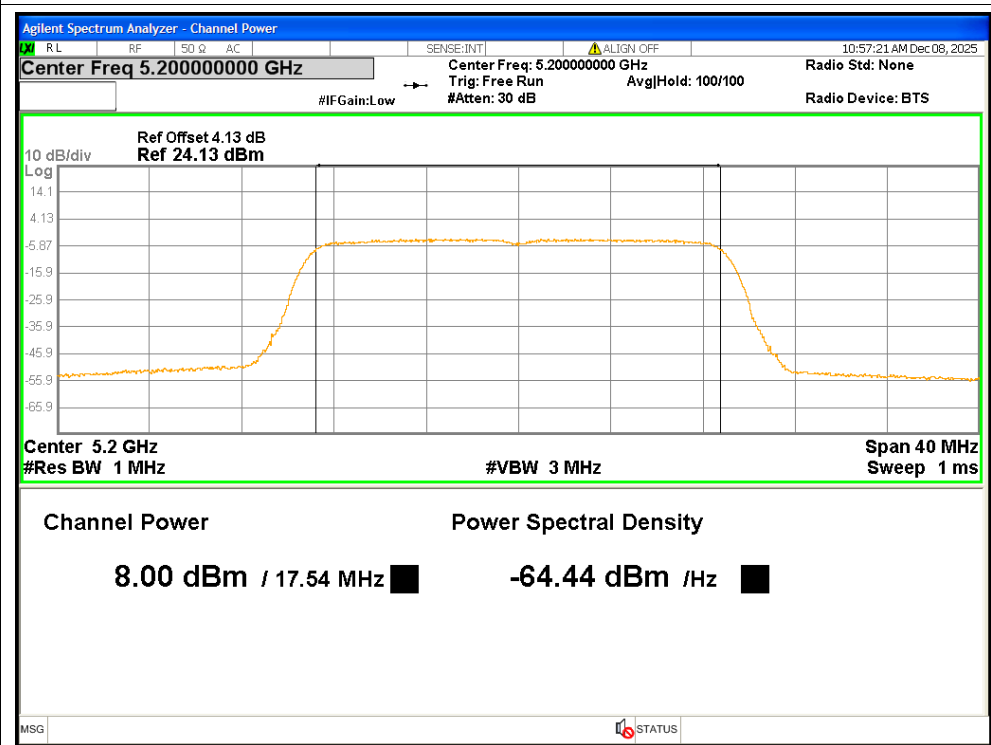
Power NVNT ac20 5180MHz Ant1



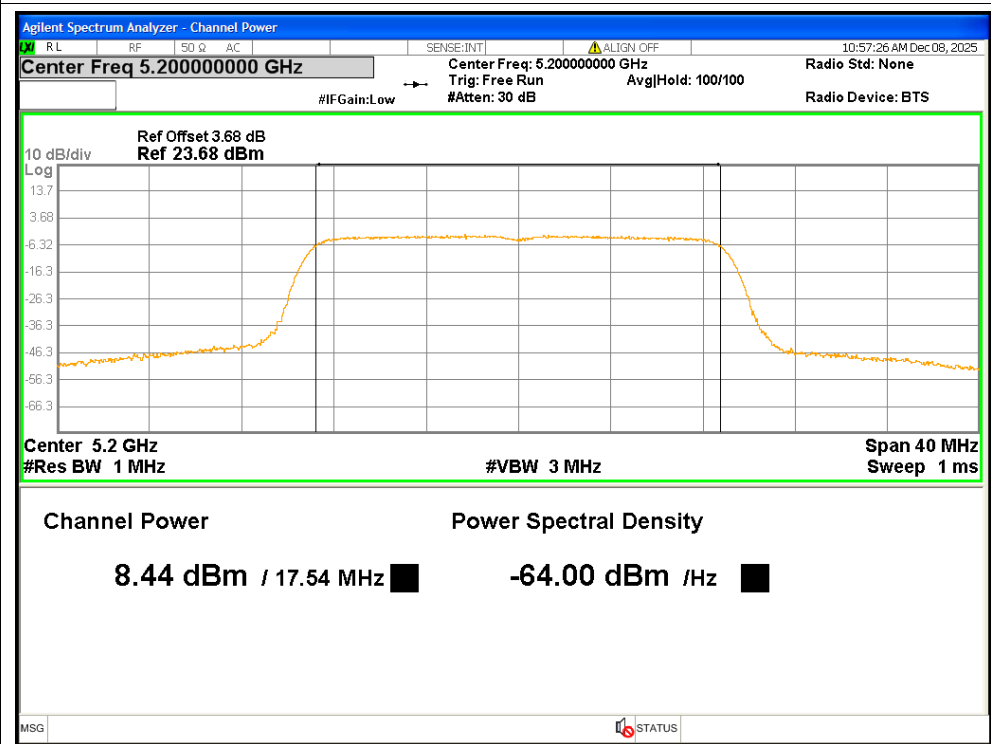
Power NVNT ac20 5180MHz Ant2



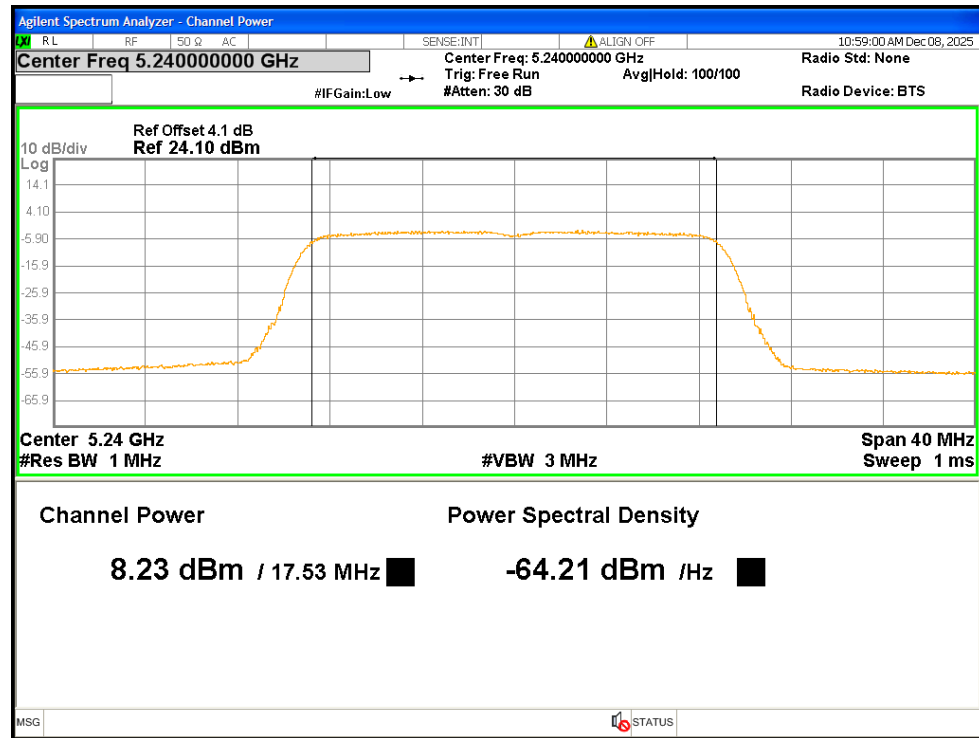
Power NVNT ac20 5200MHz Ant1



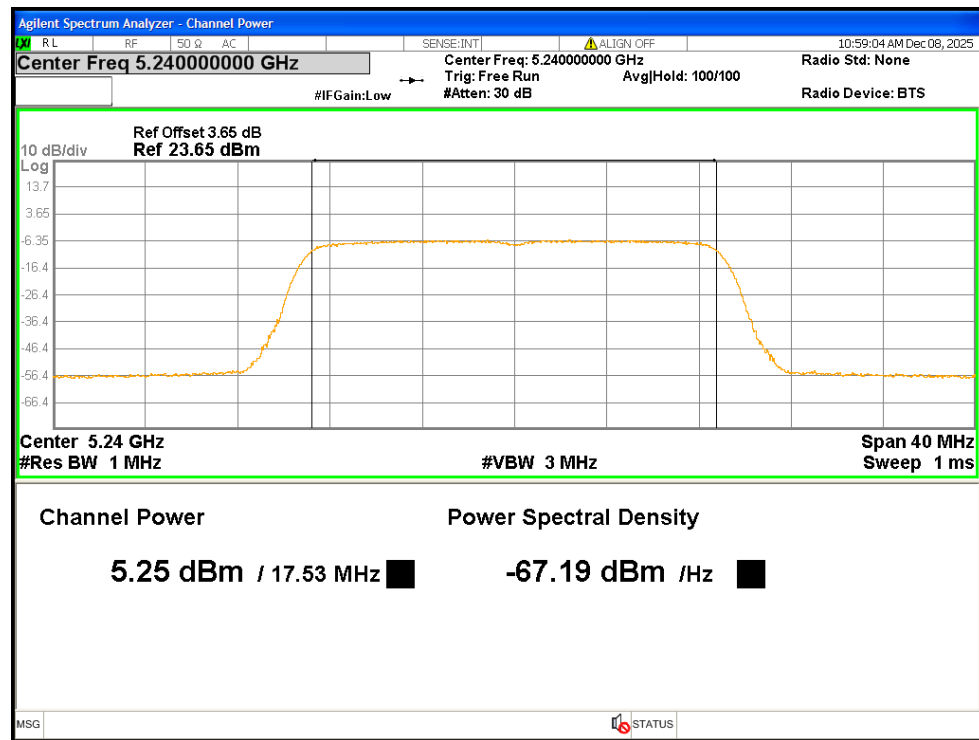
Power NVNT ac20 5200MHz Ant2



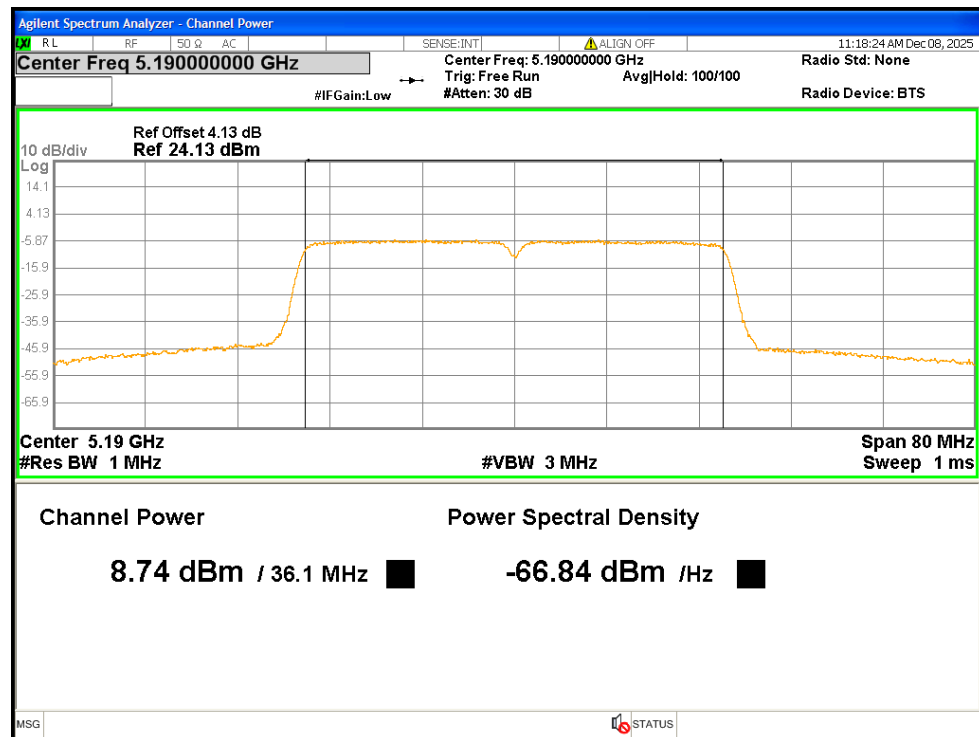
Power NVNT ac20 5240MHz Ant1



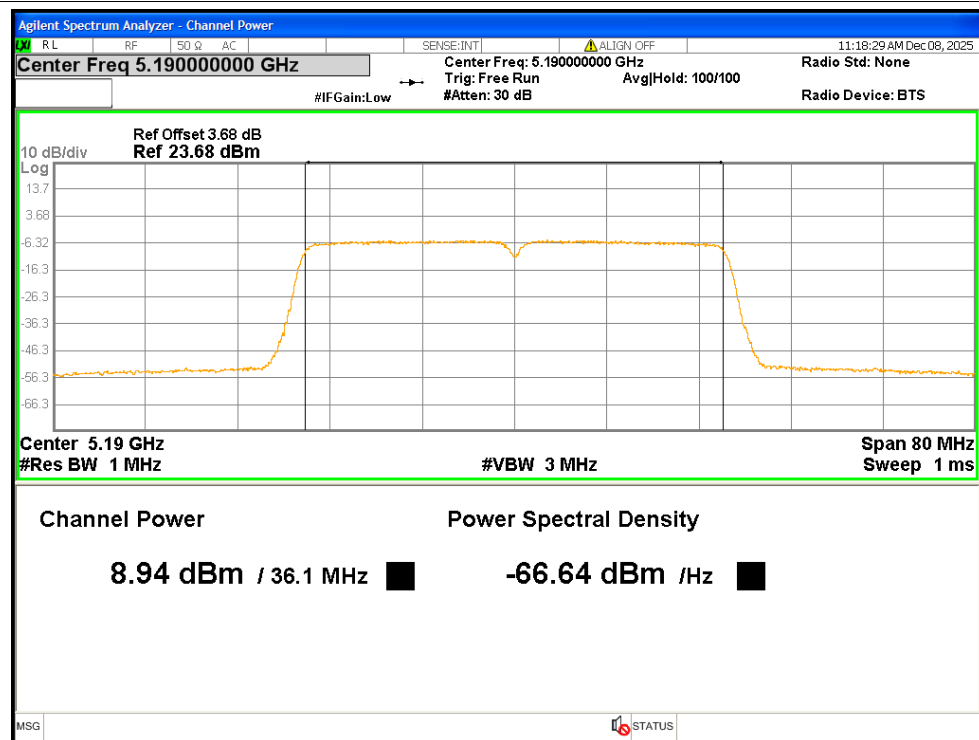
Power NVNT ac20 5240MHz Ant2



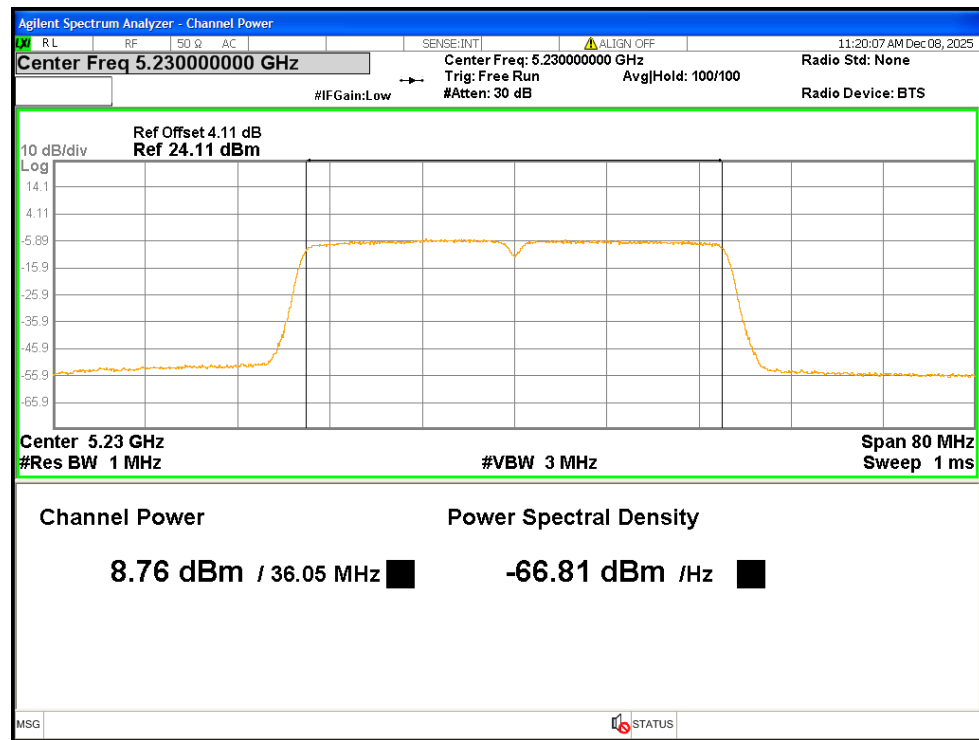
Power NVNT ac40 5190MHz Ant1



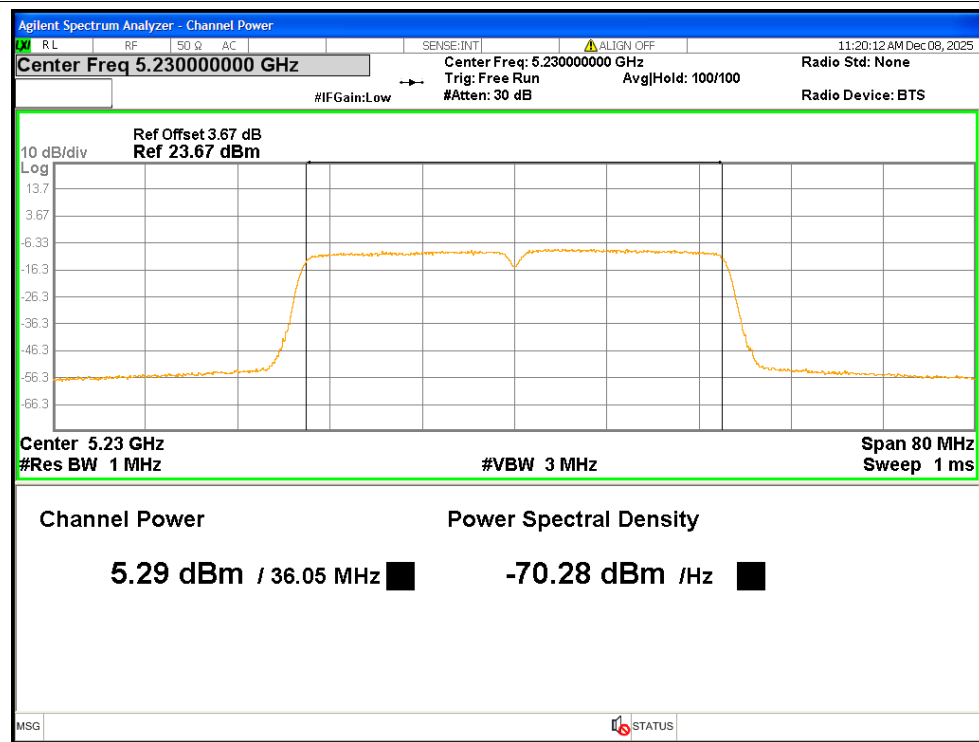
Power NVNT ac40 5190MHz Ant2

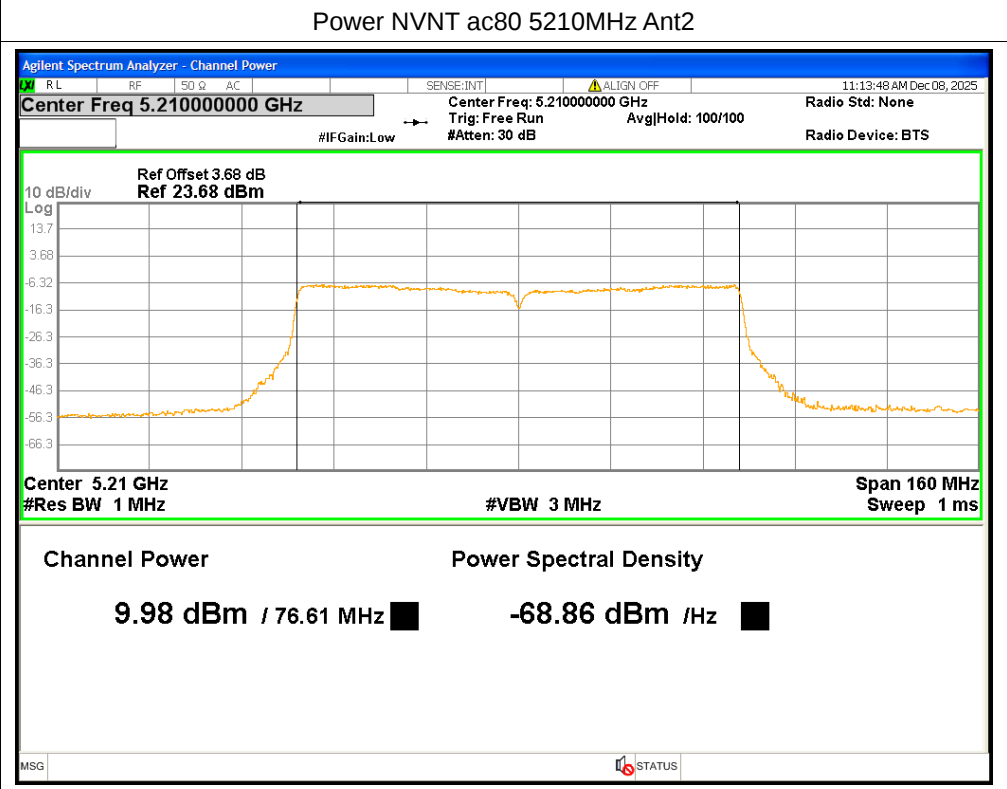
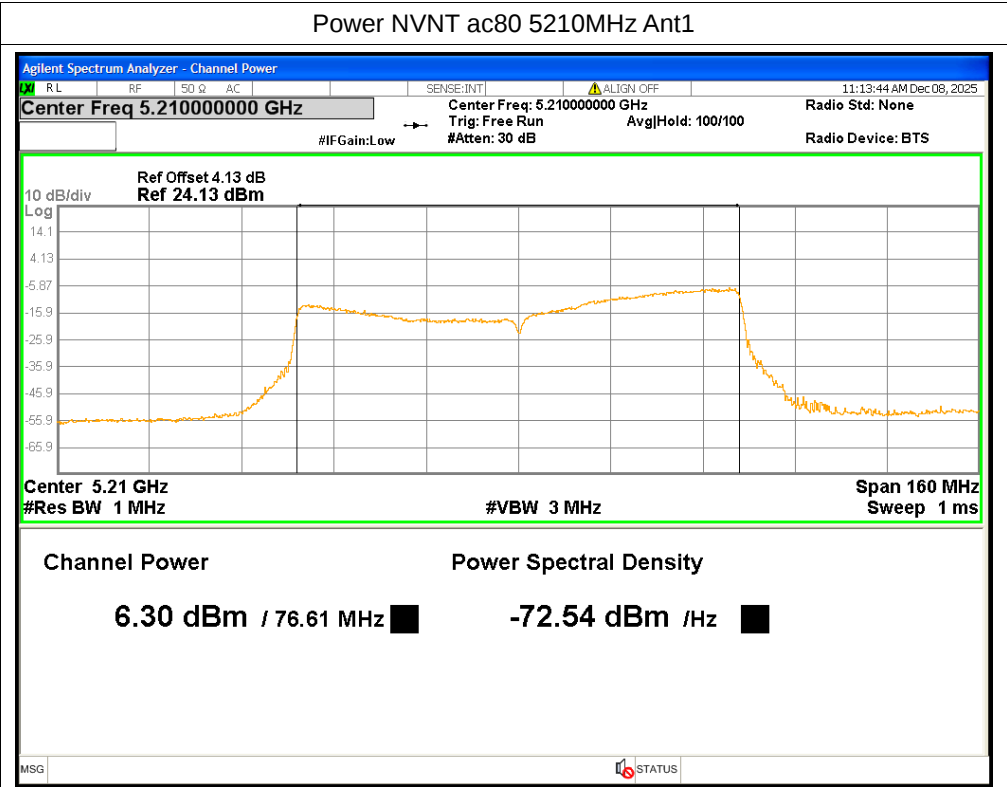


Power NVNT ac40 5230MHz Ant1



Power NVNT ac40 5230MHz Ant2



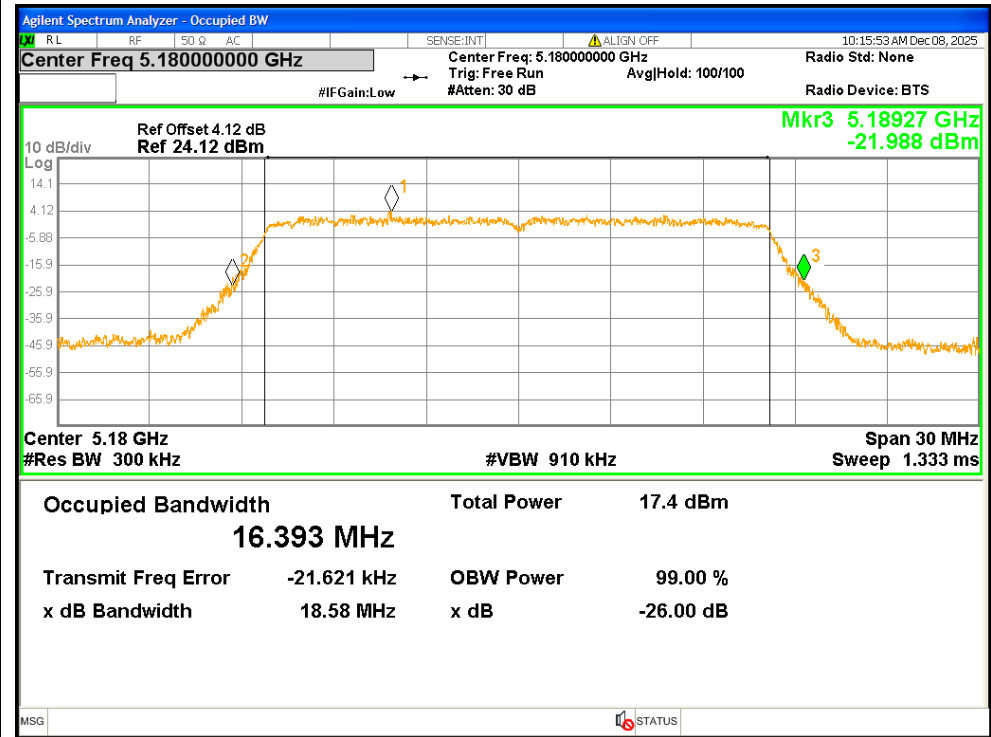


-26dB Bandwidth

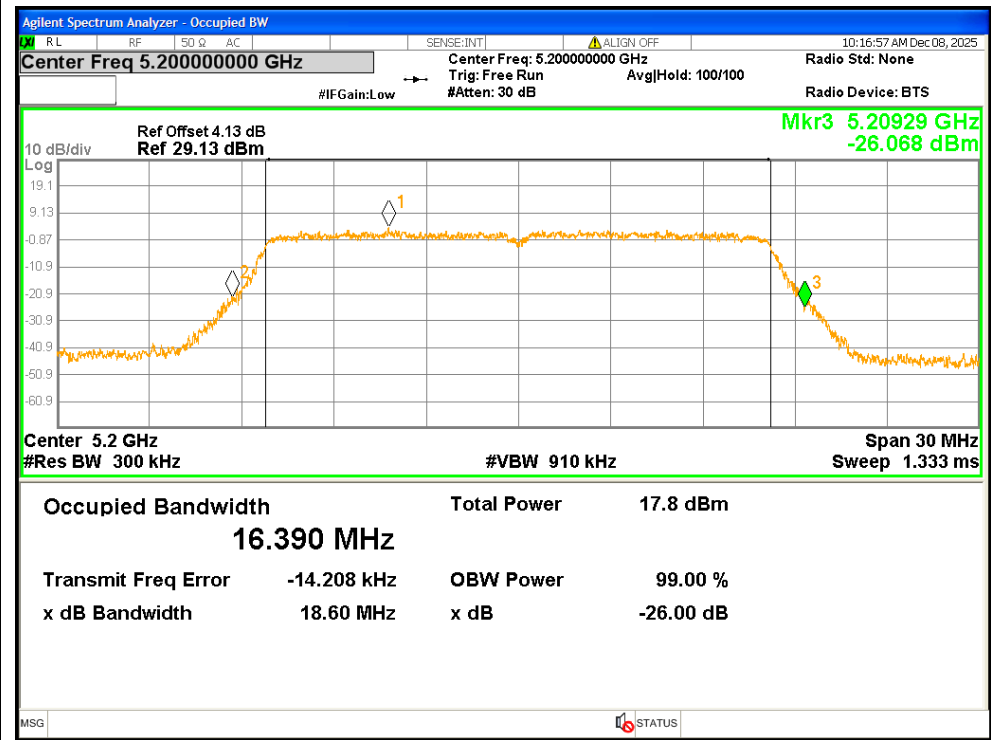
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.58	Pass
NVNT	a	5200	Ant1	18.6	Pass
NVNT	a	5240	Ant1	18.69	Pass
NVNT	a	5180	Ant2	18.52	Pass
NVNT	a	5200	Ant2	18.65	Pass
NVNT	a	5240	Ant2	18.66	Pass
NVNT	n20	5180	Ant1	19.53	Pass
NVNT	n20	5180	Ant2	19.47	Pass
NVNT	n20	5200	Ant1	19.55	Pass
NVNT	n20	5200	Ant2	22.08	Pass
NVNT	n20	5240	Ant1	19.55	Pass
NVNT	n20	5240	Ant2	19.62	Pass
NVNT	n40	5190	Ant1	39.19	Pass
NVNT	n40	5190	Ant2	38.9	Pass
NVNT	n40	5230	Ant1	38.99	Pass
NVNT	n40	5230	Ant2	38.94	Pass
NVNT	ac20	5180	Ant1	19.65	Pass
NVNT	ac20	5180	Ant2	19.59	Pass
NVNT	ac20	5200	Ant1	19.58	Pass
NVNT	ac20	5200	Ant2	19.77	Pass
NVNT	ac20	5240	Ant1	19.58	Pass
NVNT	ac20	5240	Ant2	19.42	Pass
NVNT	ac40	5190	Ant1	39.1	Pass
NVNT	ac40	5190	Ant2	39.02	Pass
NVNT	ac40	5230	Ant1	39.03	Pass
NVNT	ac40	5230	Ant2	39.02	Pass
NVNT	ac80	5210	Ant1	86.4	Pass
NVNT	ac80	5210	Ant2	86.47	Pass

Test Graphs

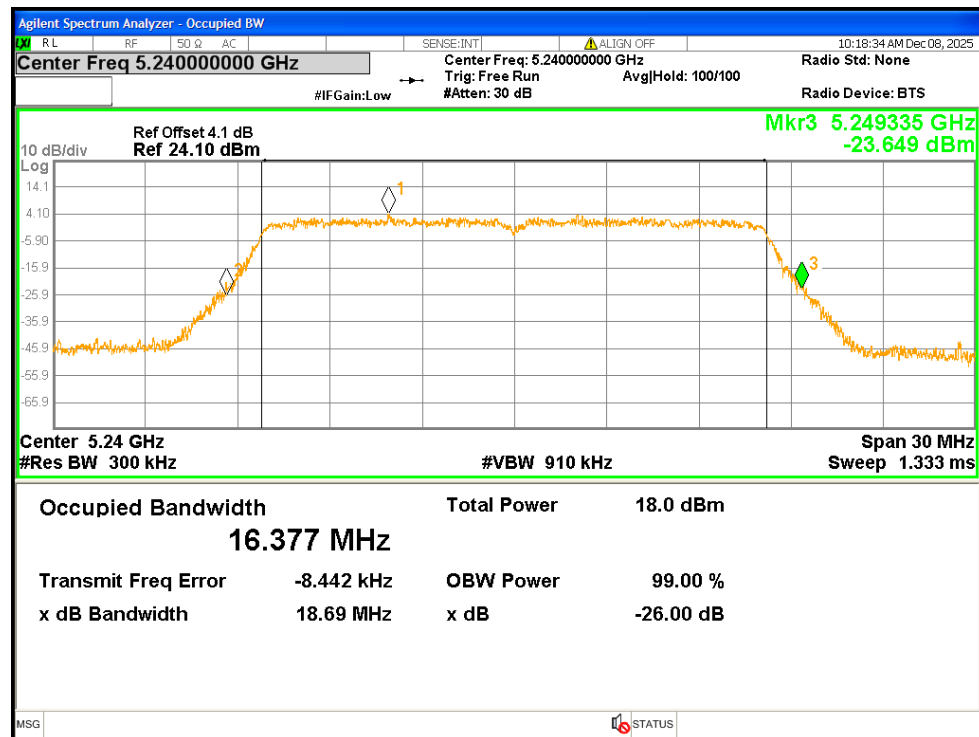
-26dB Bandwidth NVNT a 5180MHz Ant1



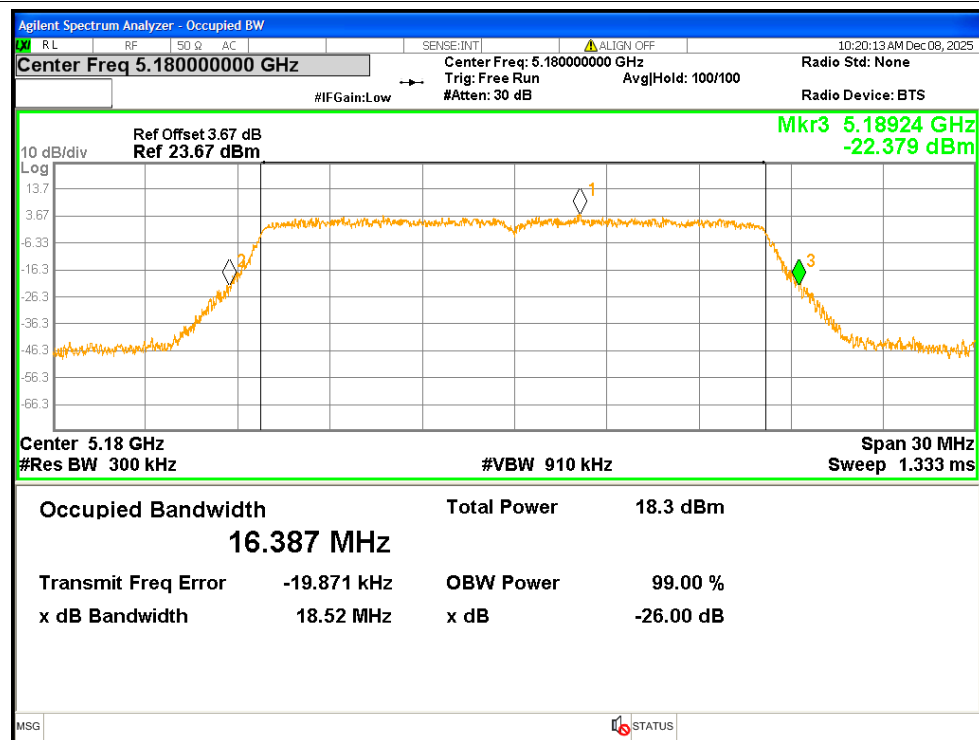
-26dB Bandwidth NVNT a 5200MHz Ant1



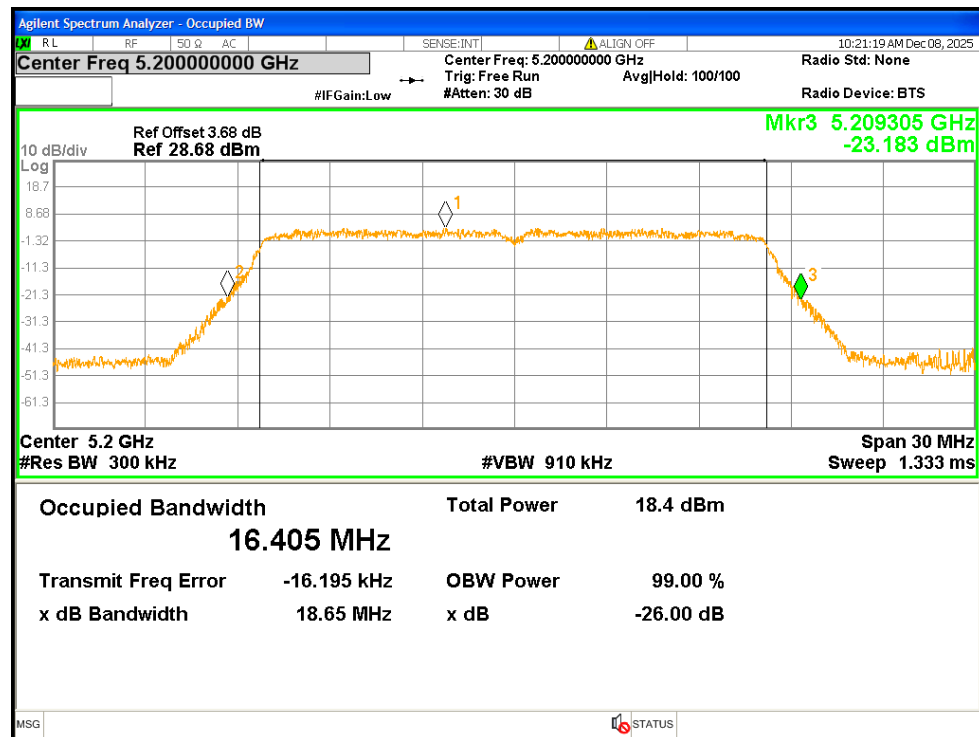
-26dB Bandwidth NVNT a 5240MHz Ant1



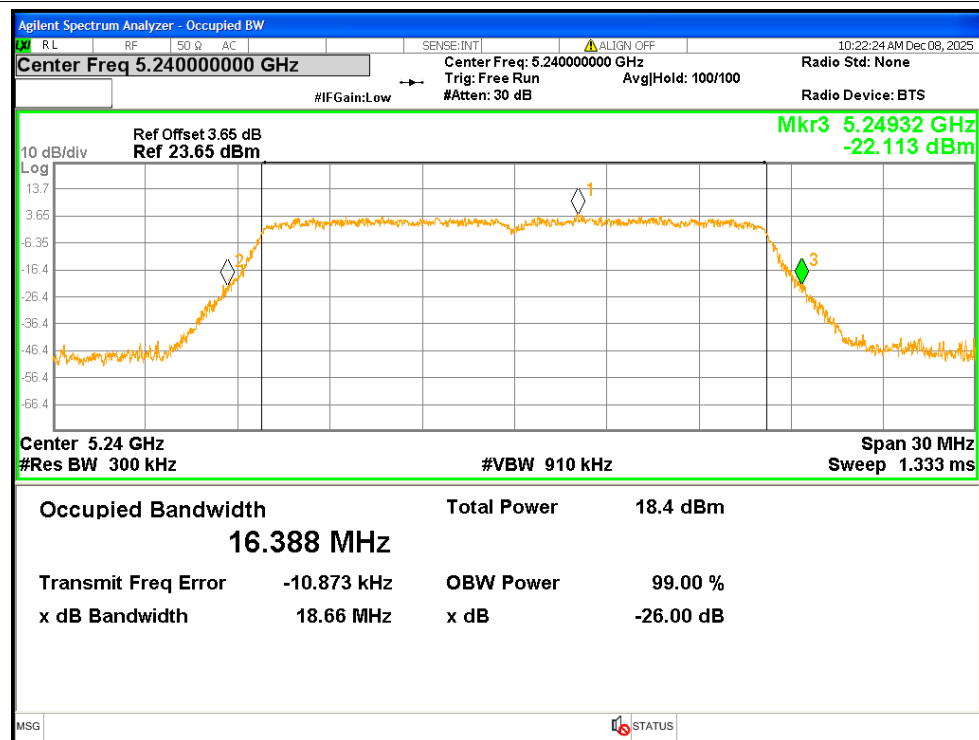
-26dB Bandwidth NVNT a 5180MHz Ant2



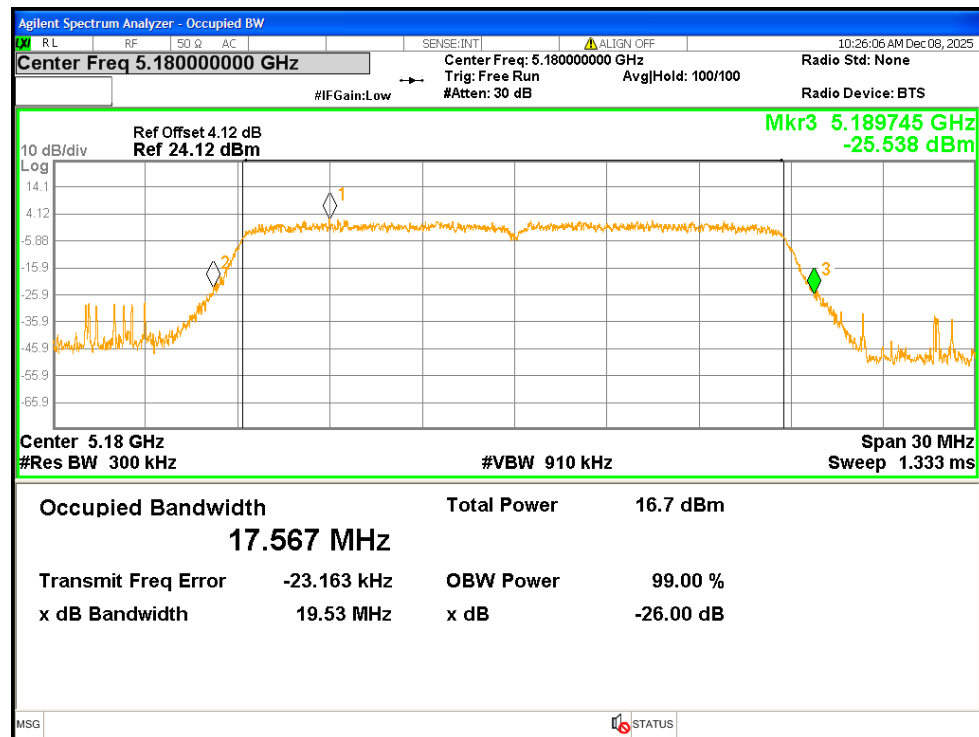
-26dB Bandwidth NVNT a 5200MHz Ant2



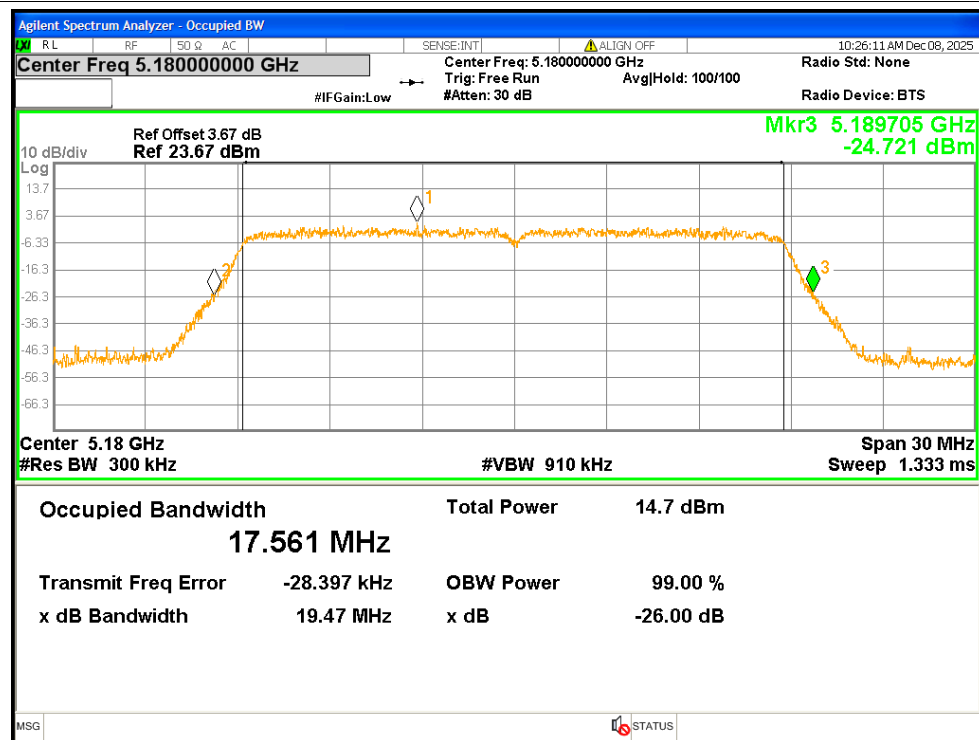
-26dB Bandwidth NVNT a 5240MHz Ant2



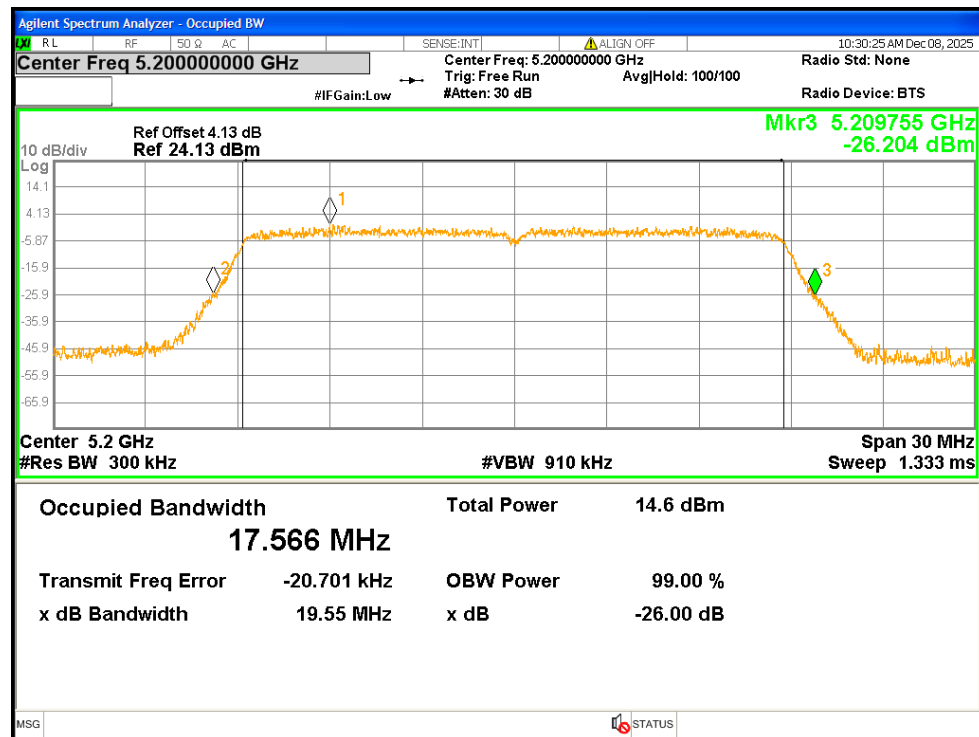
-26dB Bandwidth NVNT n20 5180MHz Ant1



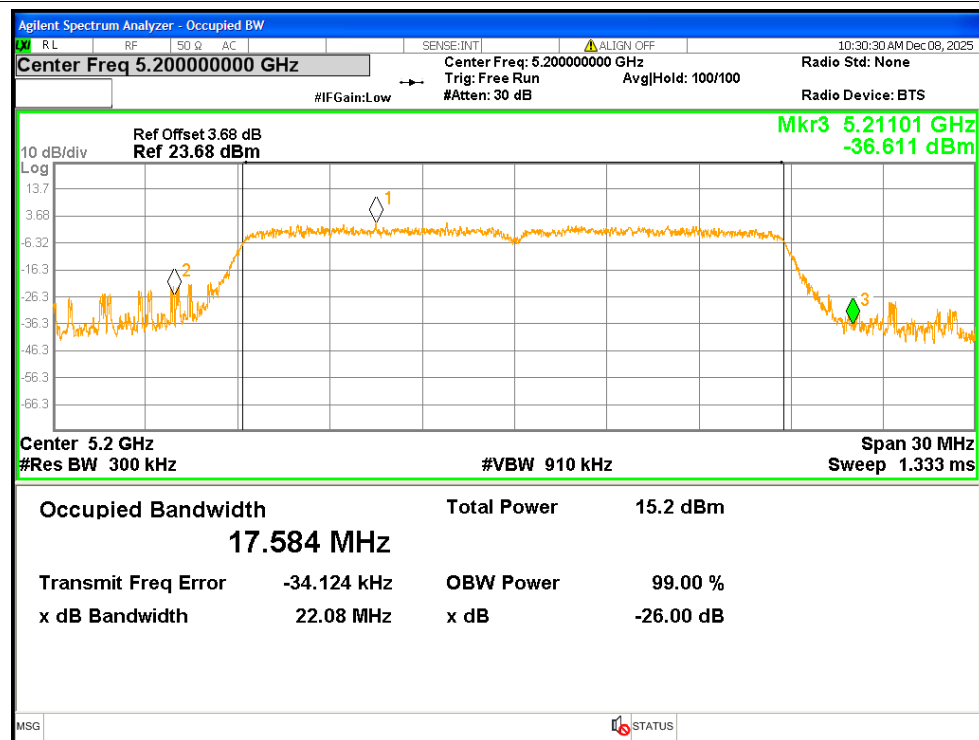
-26dB Bandwidth NVNT n20 5180MHz Ant2



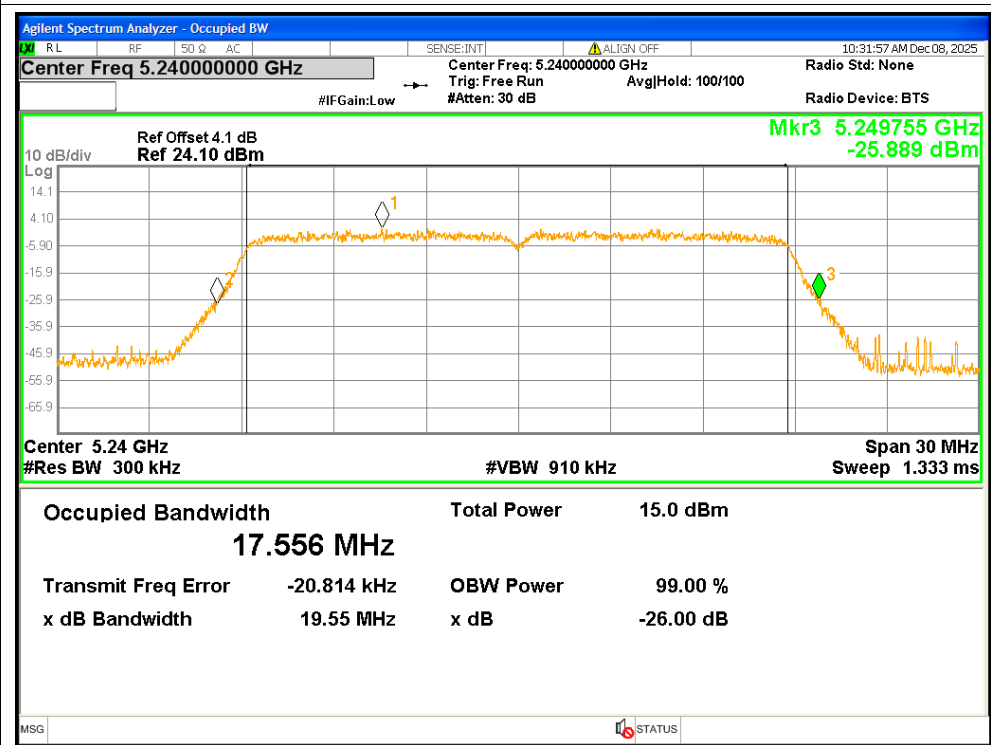
-26dB Bandwidth NVNT n20 5200MHz Ant1



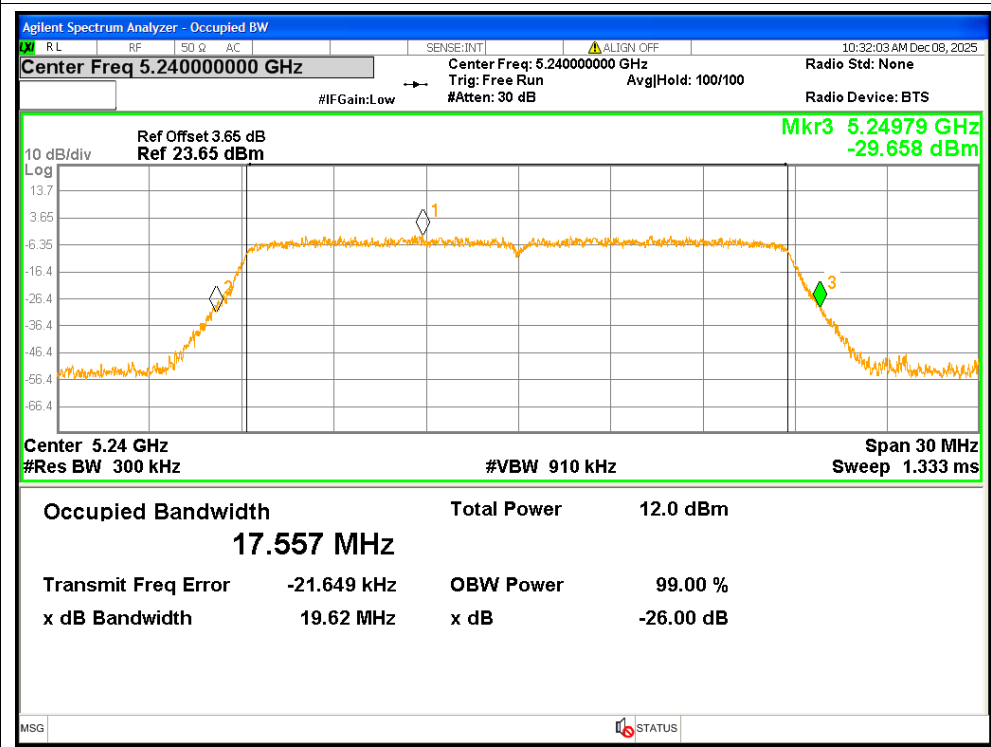
-26dB Bandwidth NVNT n20 5200MHz Ant2



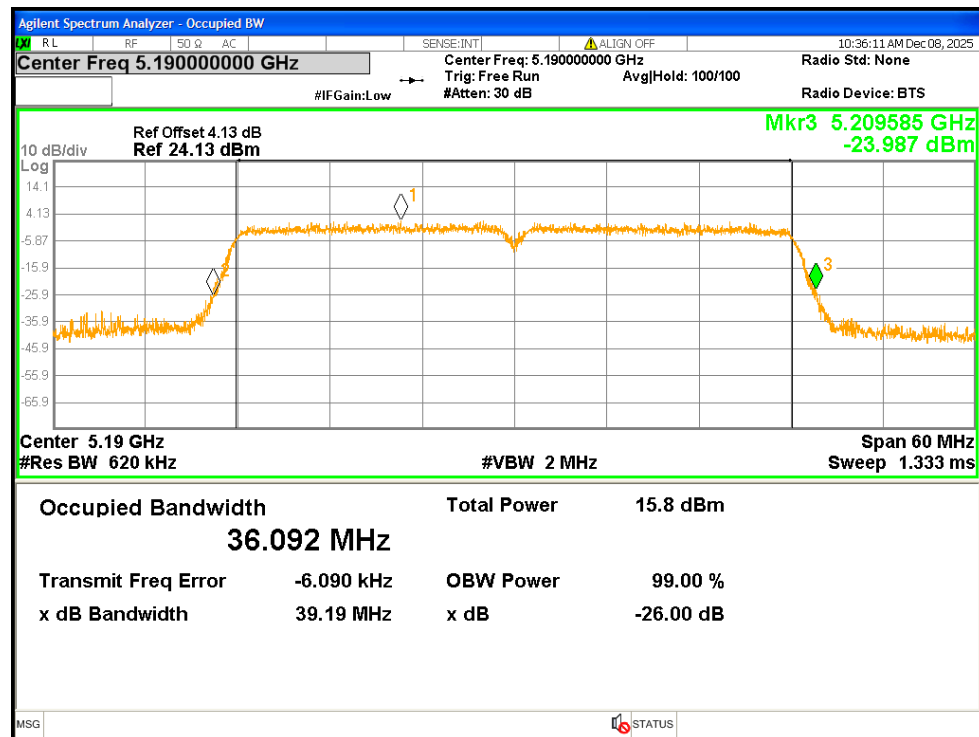
-26dB Bandwidth NVNT n20 5240MHz Ant1



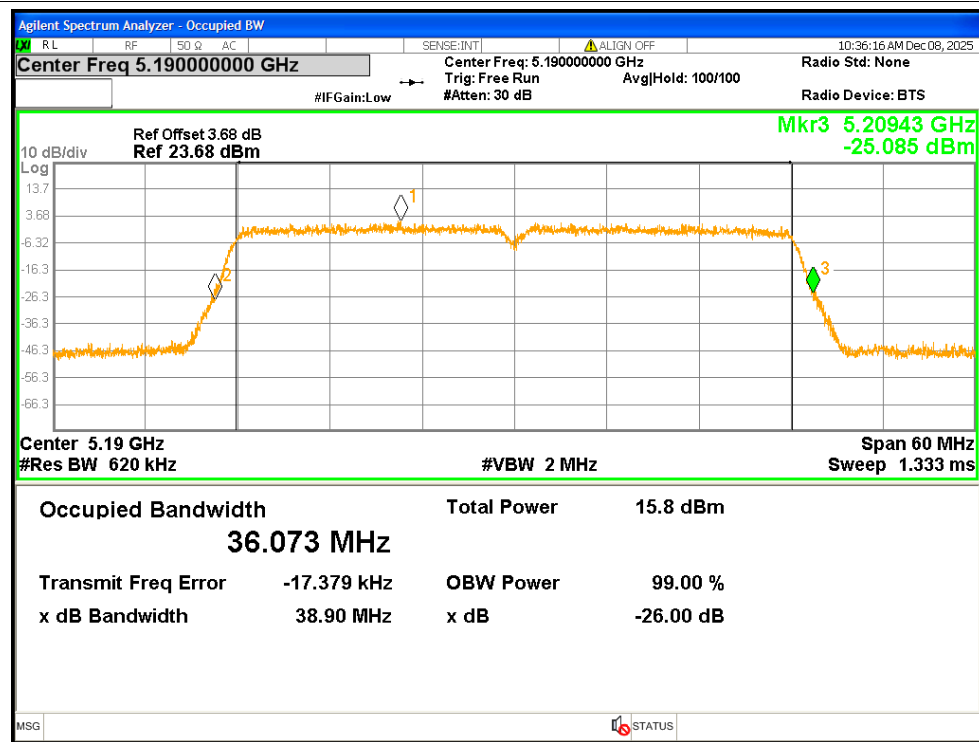
-26dB Bandwidth NVNT n20 5240MHz Ant2



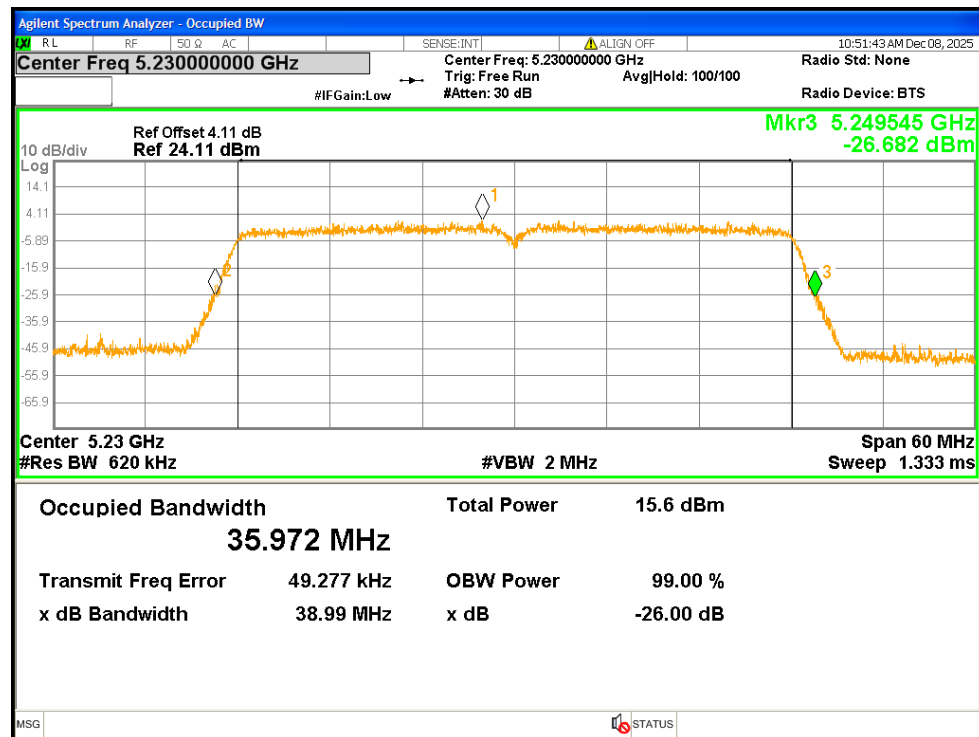
-26dB Bandwidth NVNT n40 5190MHz Ant1



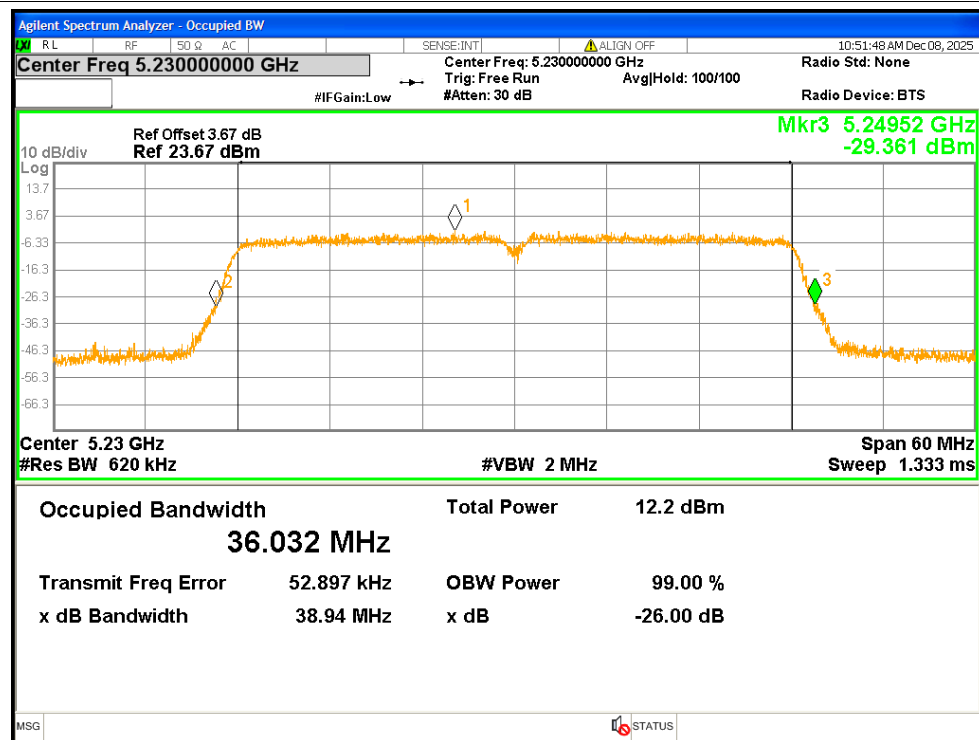
-26dB Bandwidth NVNT n40 5190MHz Ant2



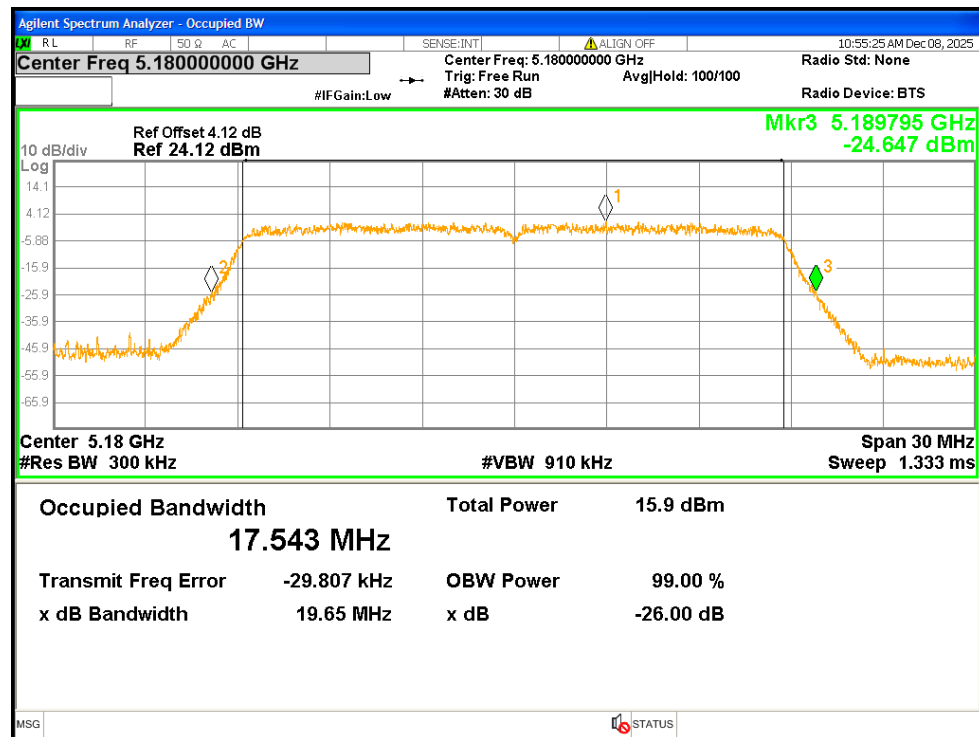
-26dB Bandwidth NVNT n40 5230MHz Ant1



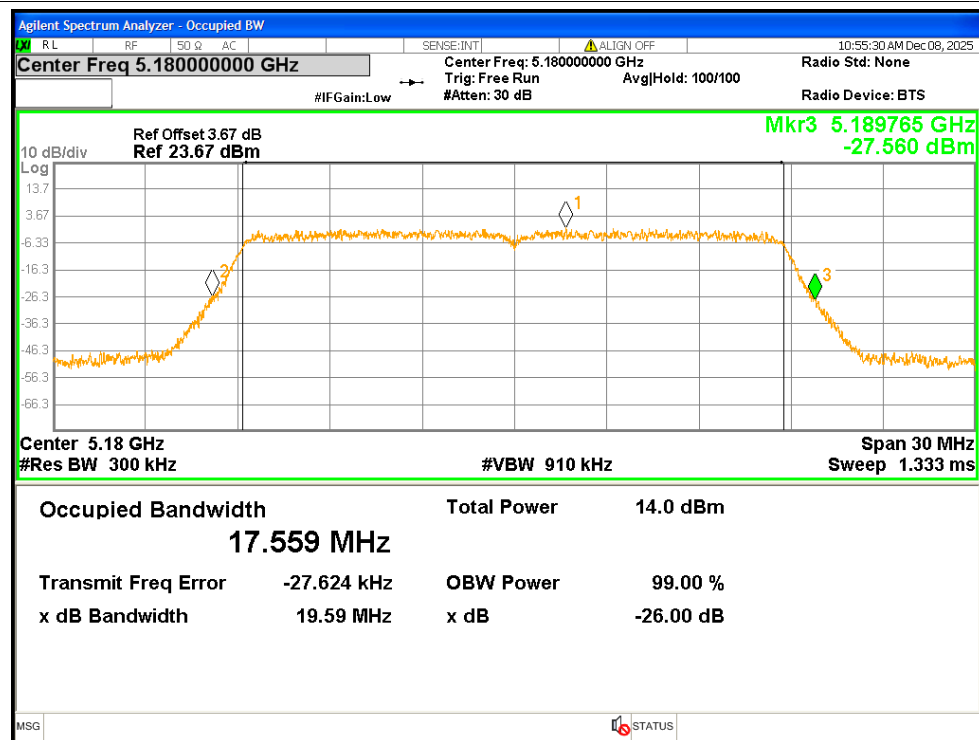
-26dB Bandwidth NVNT n40 5230MHz Ant2



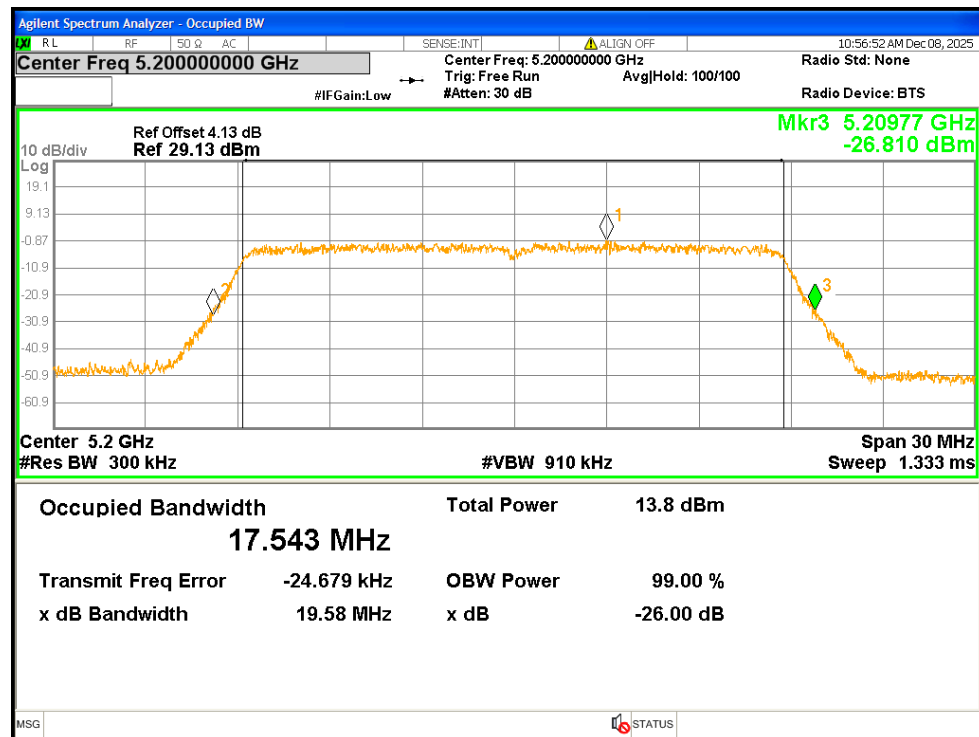
-26dB Bandwidth NVNT ac20 5180MHz Ant1



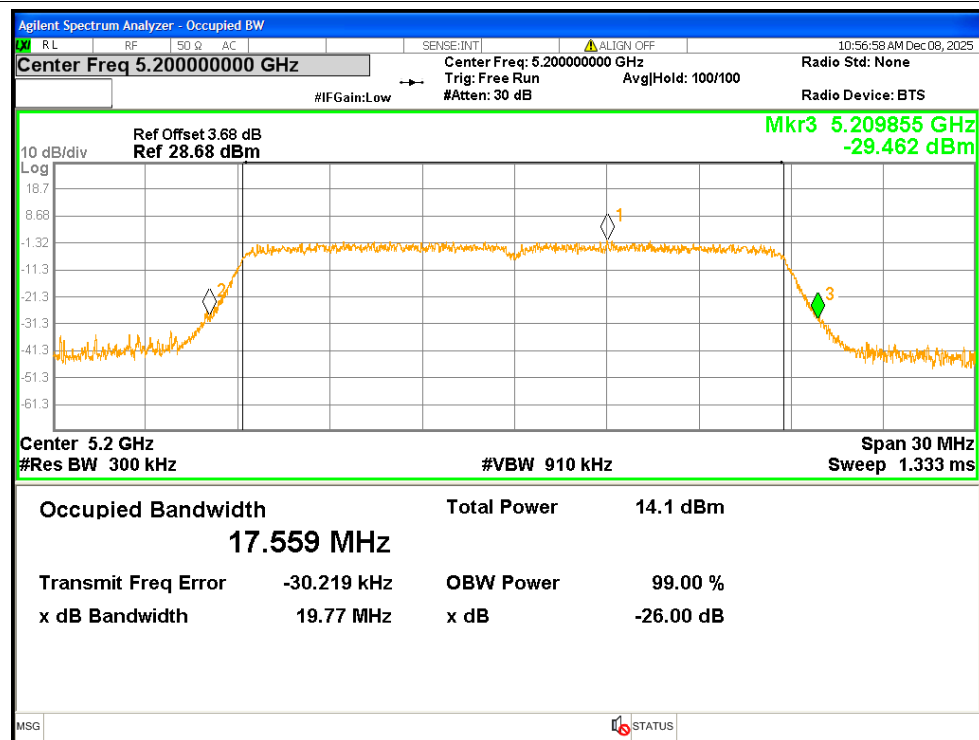
-26dB Bandwidth NVNT ac20 5180MHz Ant2



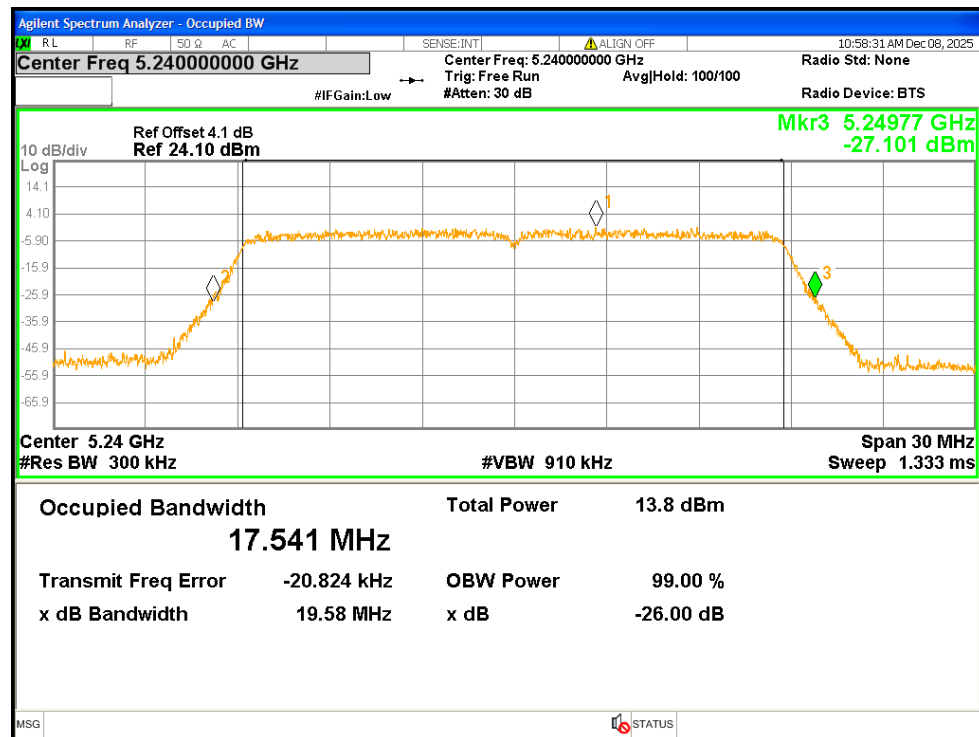
-26dB Bandwidth NVNT ac20 5200MHz Ant1



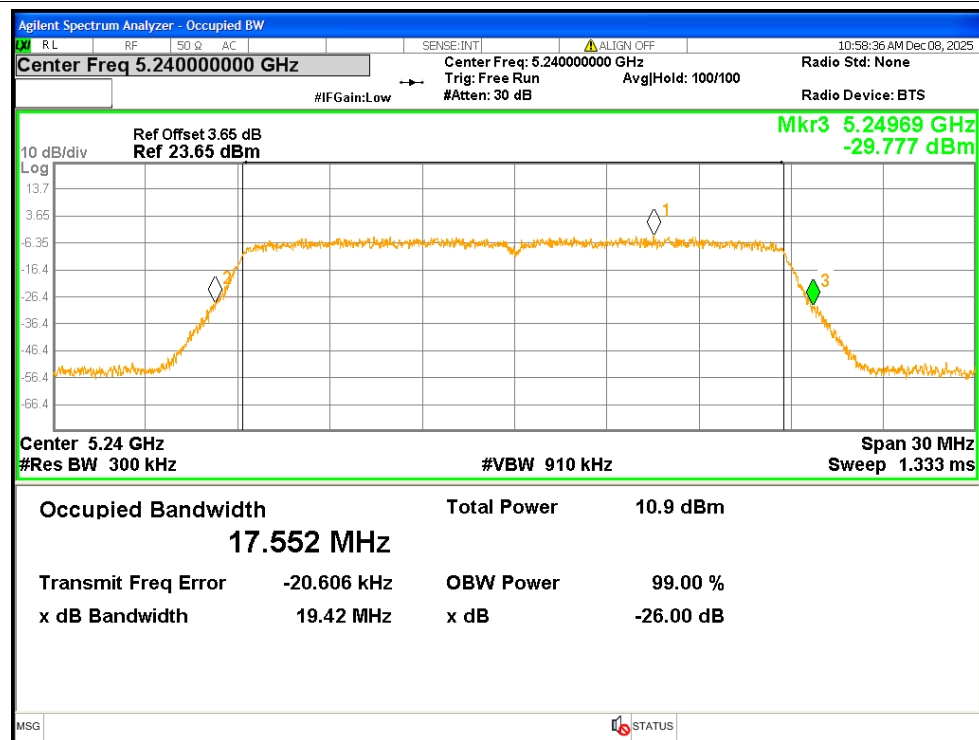
-26dB Bandwidth NVNT ac20 5200MHz Ant2



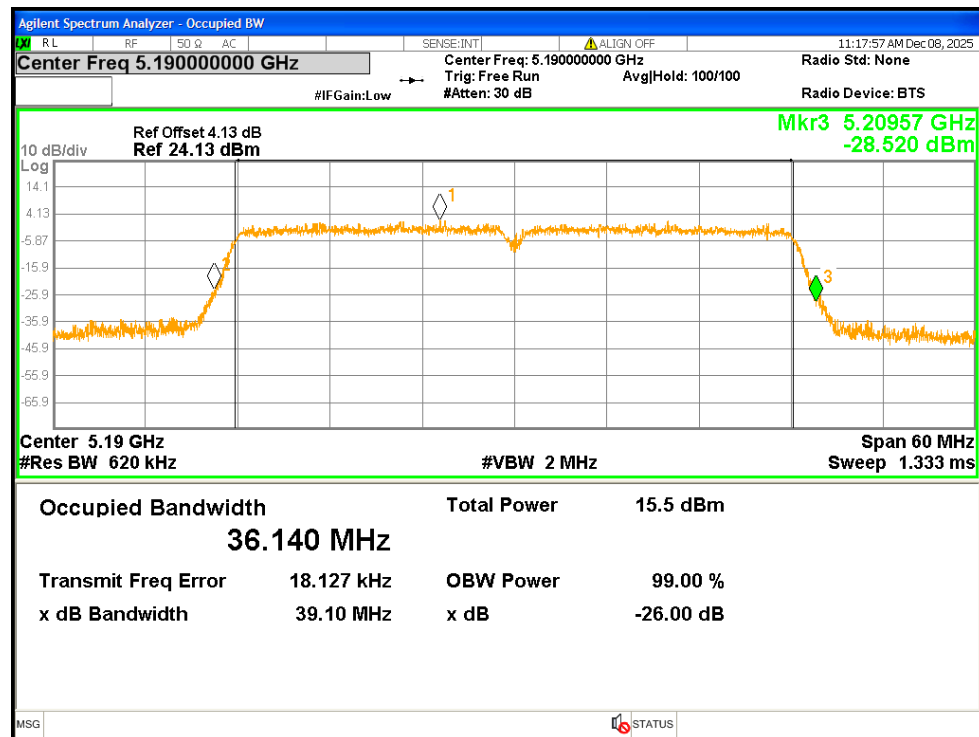
-26dB Bandwidth NVNT ac20 5240MHz Ant1



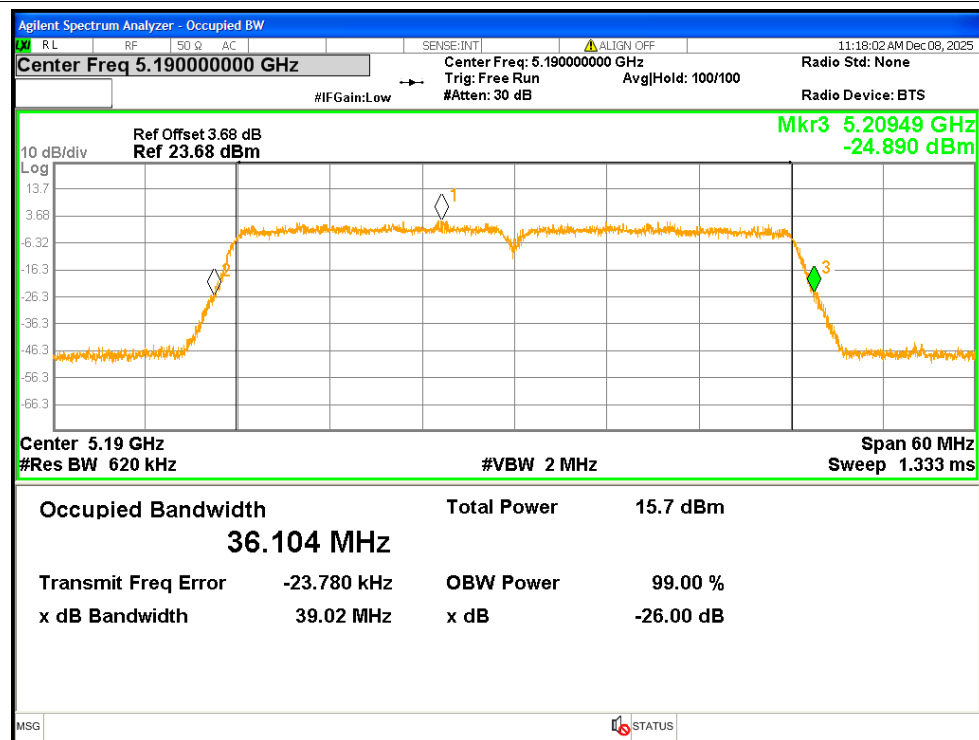
-26dB Bandwidth NVNT ac20 5240MHz Ant2



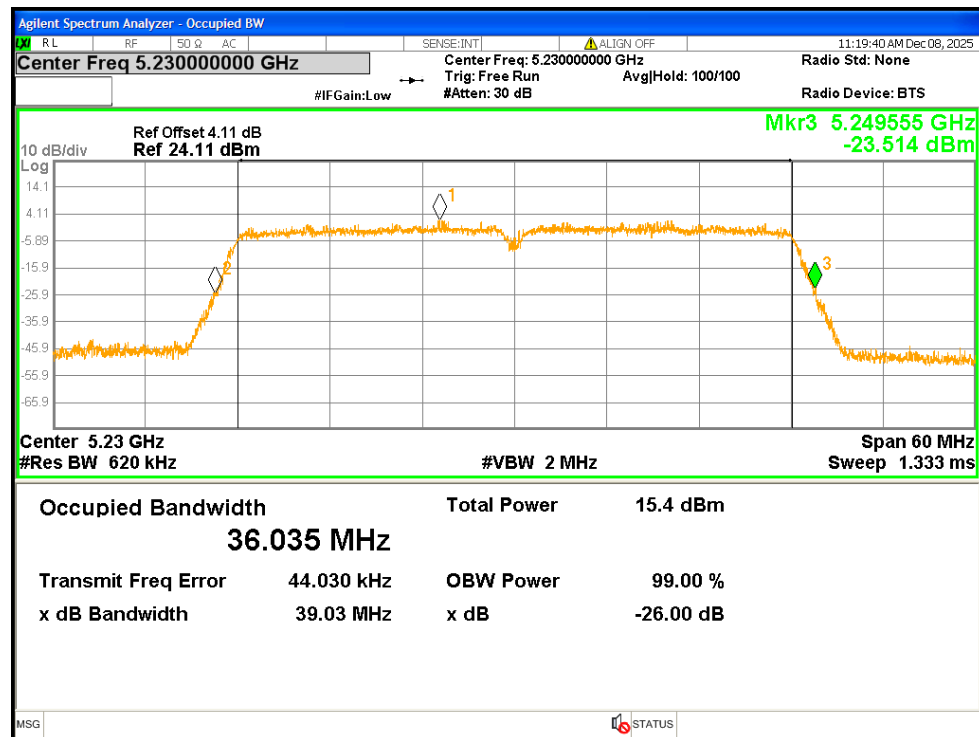
-26dB Bandwidth NVNT ac40 5190MHz Ant1



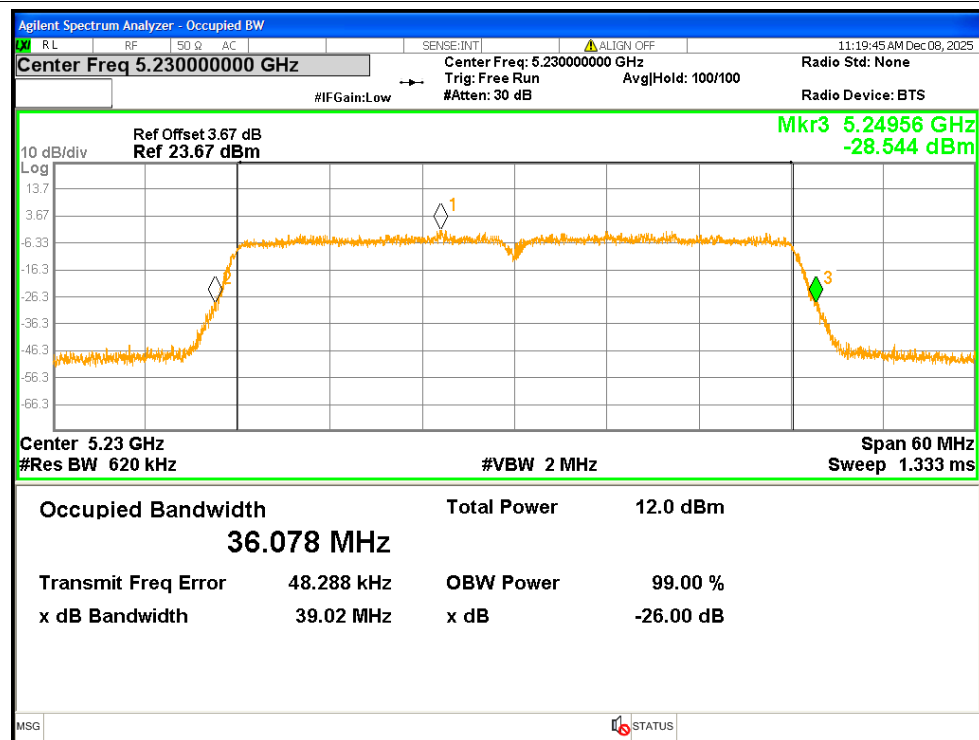
-26dB Bandwidth NVNT ac40 5190MHz Ant2



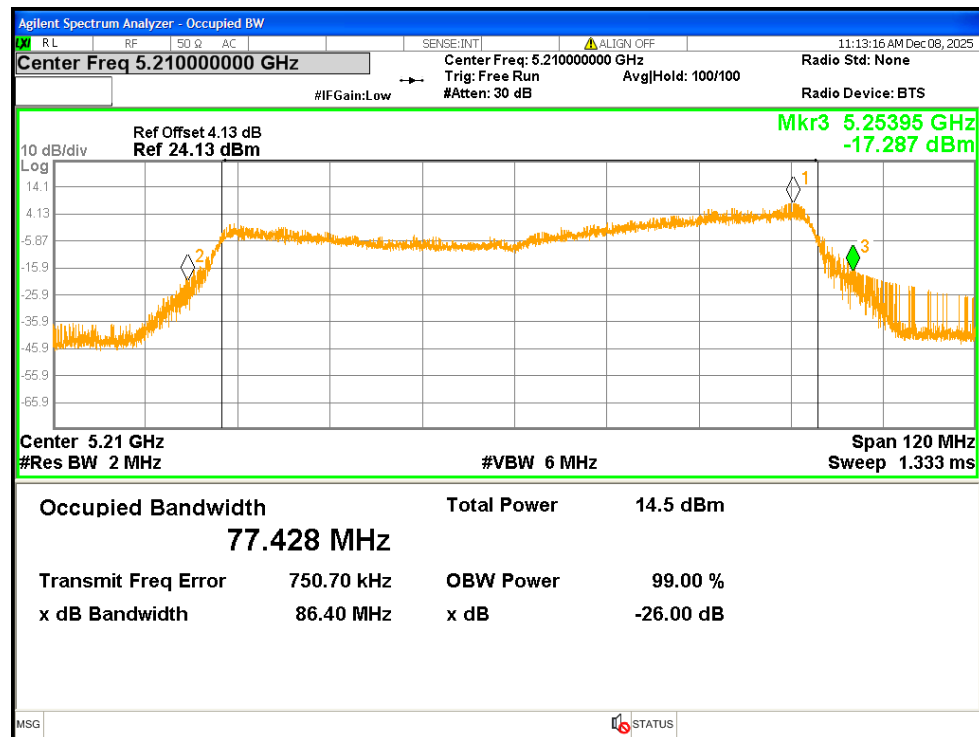
-26dB Bandwidth NVNT ac40 5230MHz Ant1



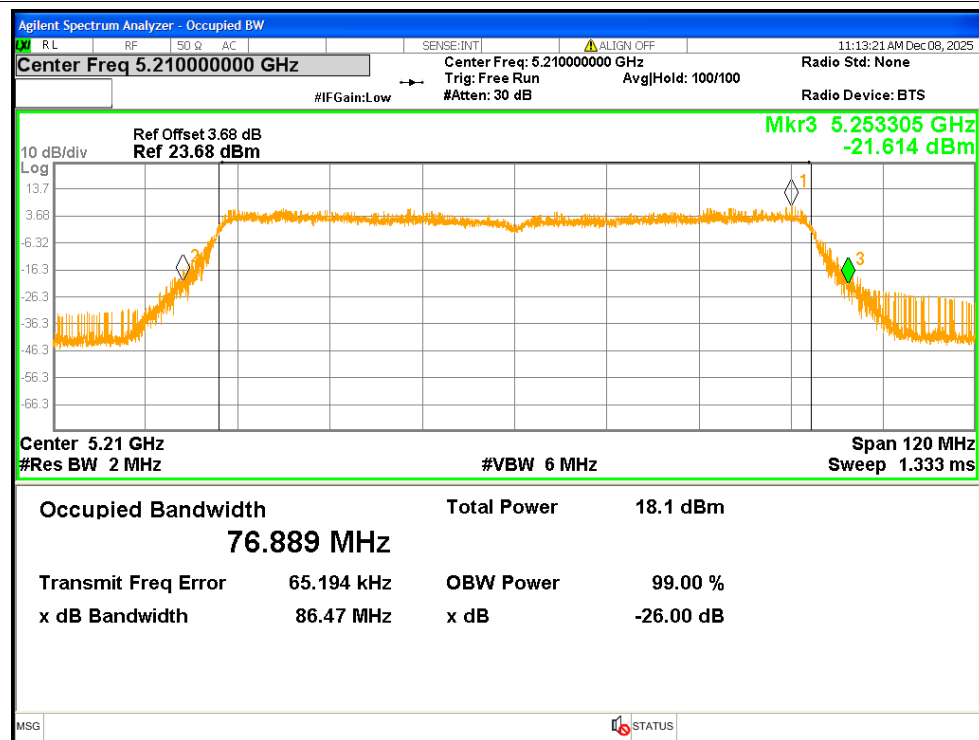
-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1

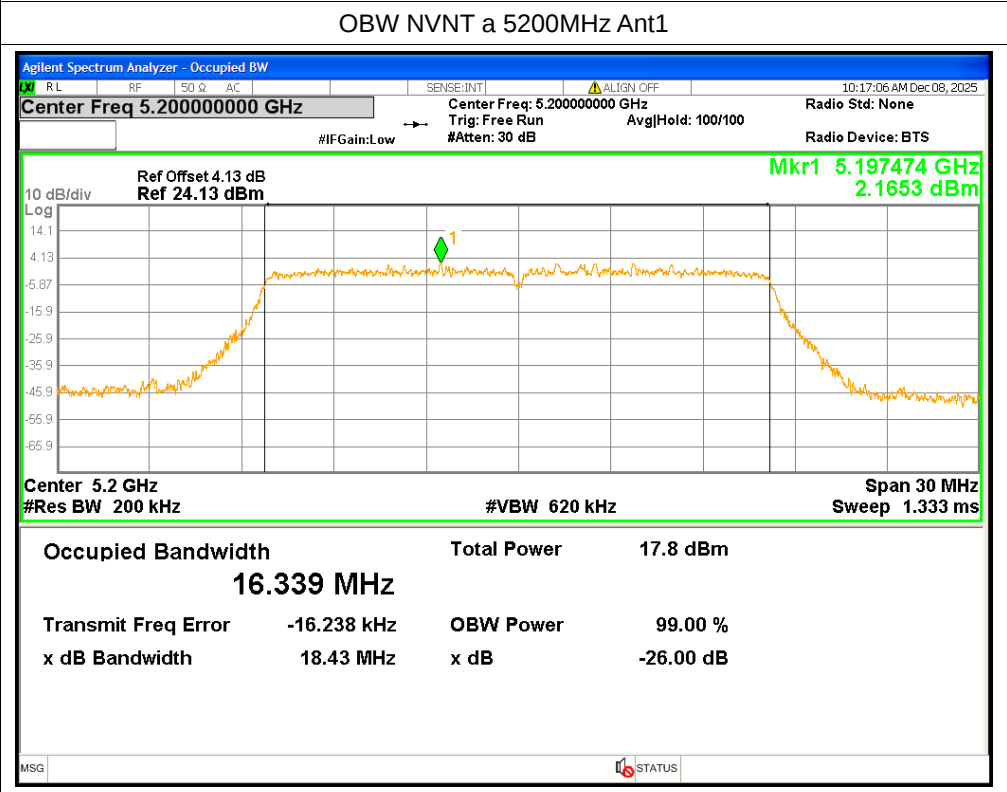
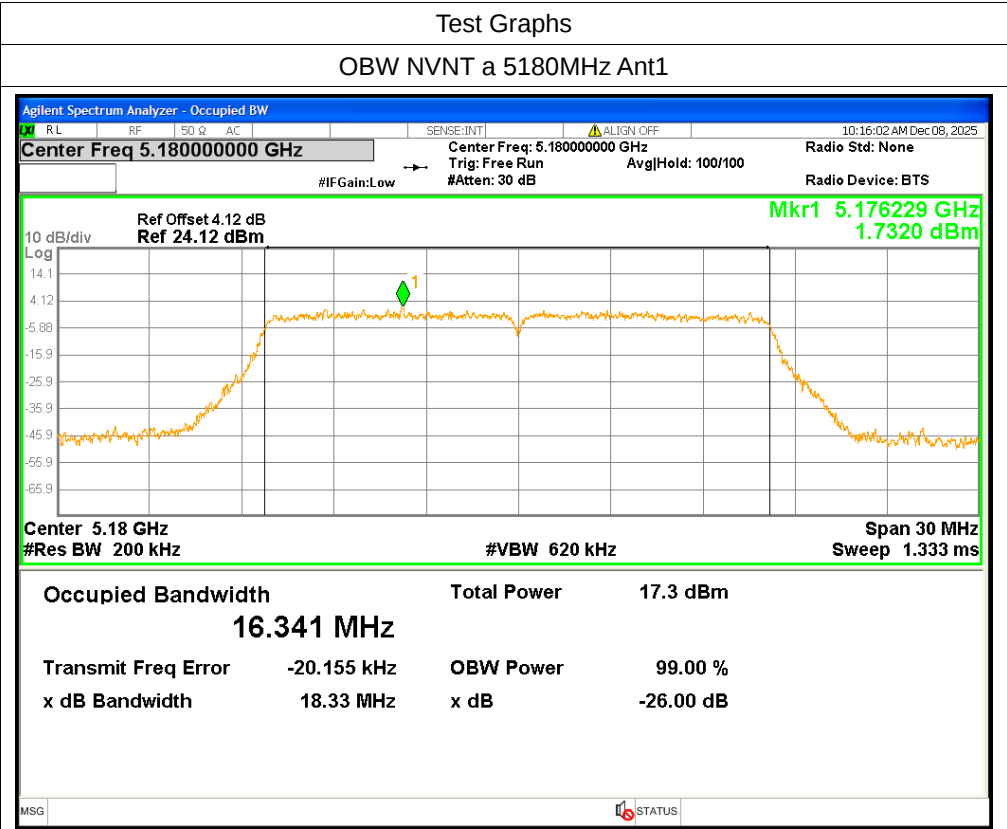


-26dB Bandwidth NVNT ac80 5210MHz Ant2

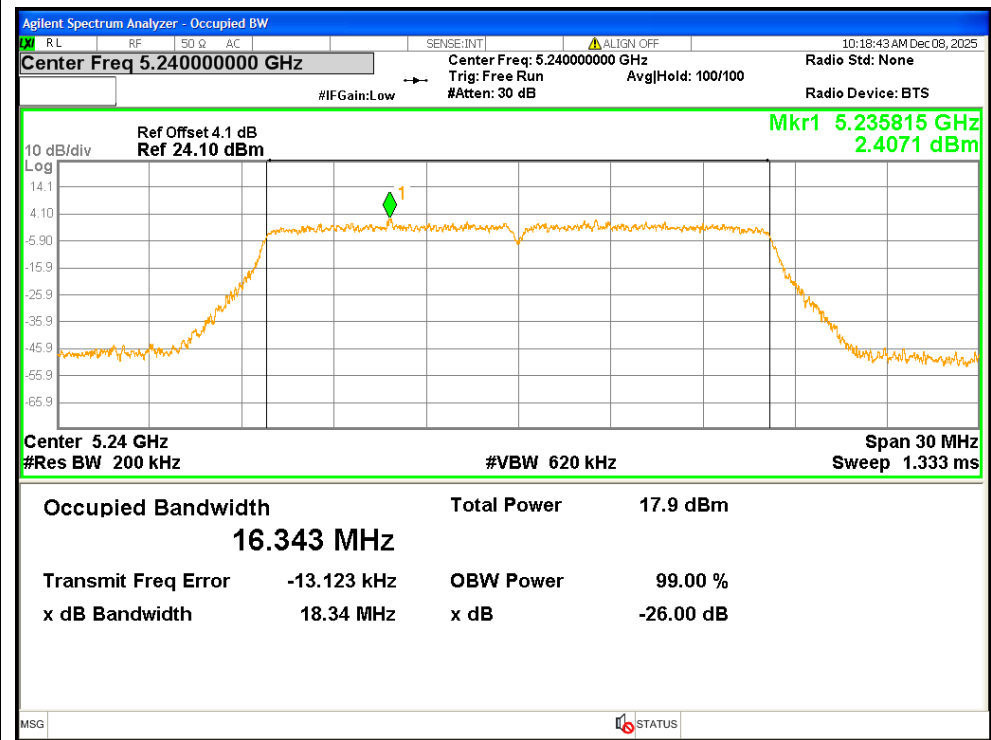


Occupied Channel Bandwidth

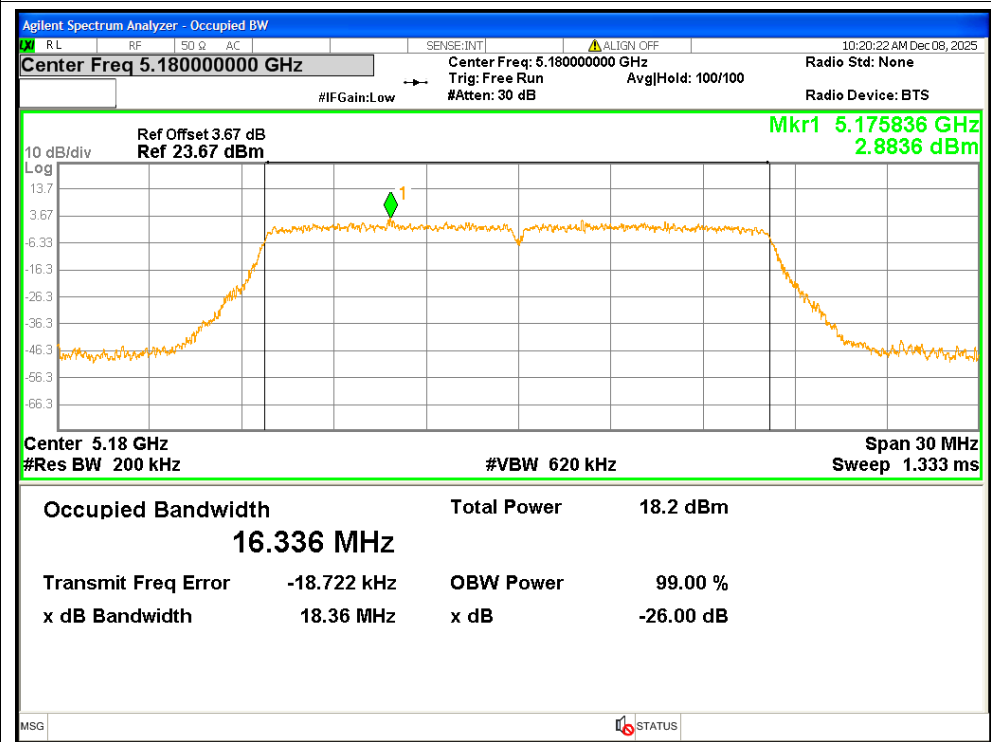
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.341
NVNT	a	5200	Ant1	16.339
NVNT	a	5240	Ant1	16.343
NVNT	a	5180	Ant2	16.336
NVNT	a	5200	Ant2	16.362
NVNT	a	5240	Ant2	16.333
NVNT	n20	5180	Ant1	17.517
NVNT	n20	5180	Ant2	17.531
NVNT	n20	5200	Ant1	17.524
NVNT	n20	5200	Ant2	17.544
NVNT	n20	5240	Ant1	17.523
NVNT	n20	5240	Ant2	17.514
NVNT	n40	5190	Ant1	36.063
NVNT	n40	5190	Ant2	36.067
NVNT	n40	5230	Ant1	36.015
NVNT	n40	5230	Ant2	35.987
NVNT	ac20	5180	Ant1	17.516
NVNT	ac20	5180	Ant2	17.523
NVNT	ac20	5200	Ant1	17.522
NVNT	ac20	5200	Ant2	17.535
NVNT	ac20	5240	Ant1	17.515
NVNT	ac20	5240	Ant2	17.528
NVNT	ac40	5190	Ant1	36.102
NVNT	ac40	5190	Ant2	36.077
NVNT	ac40	5230	Ant1	36.045
NVNT	ac40	5230	Ant2	36.039
NVNT	ac80	5210	Ant1	76.611
NVNT	ac80	5210	Ant2	76.088



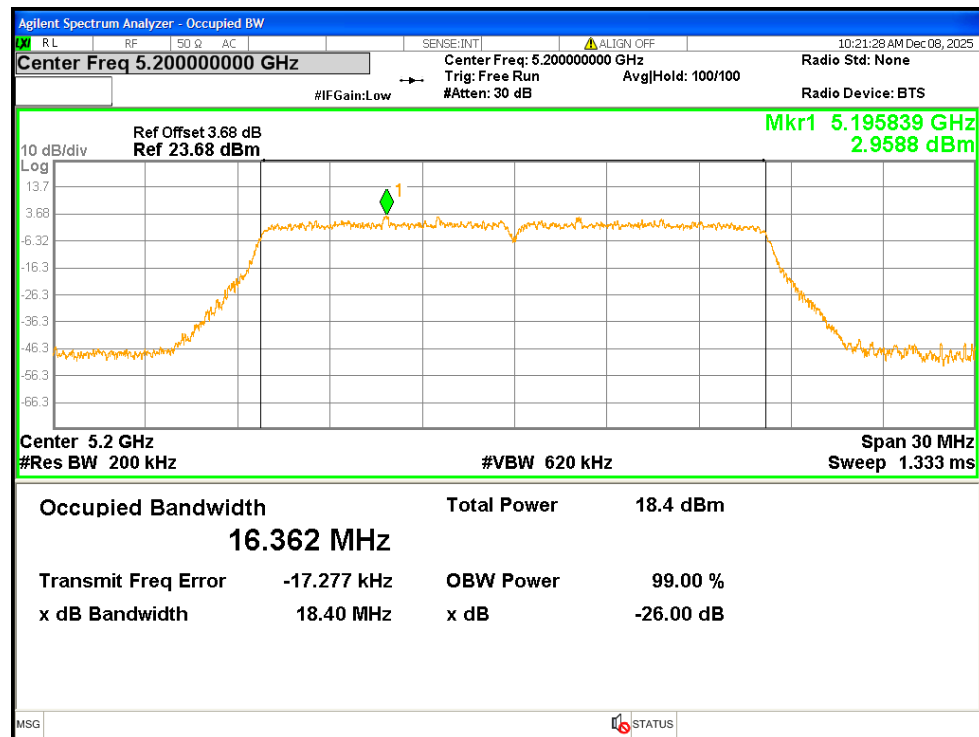
OBW NVNT a 5240MHz Ant1



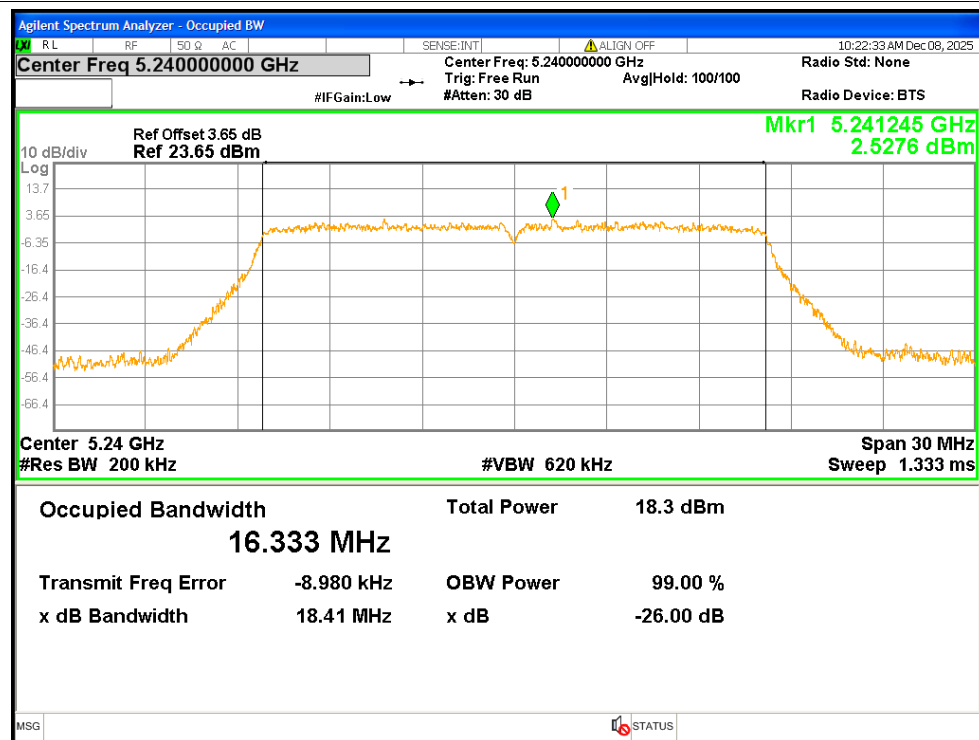
OBW NVNT a 5180MHz Ant2



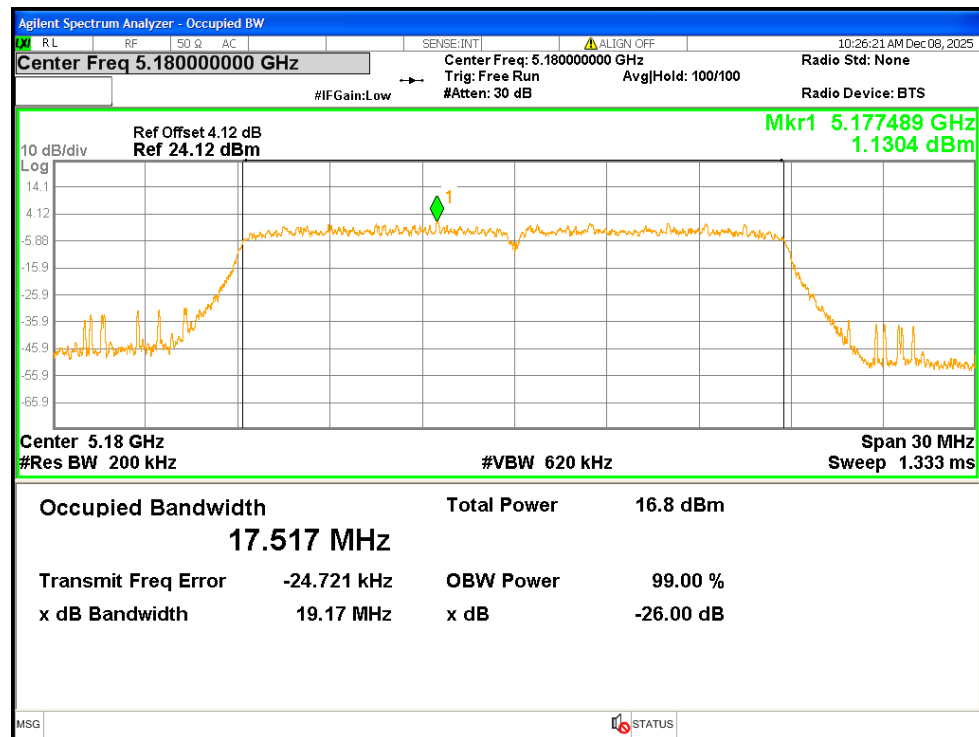
OBW NVNT a 5200MHz Ant2



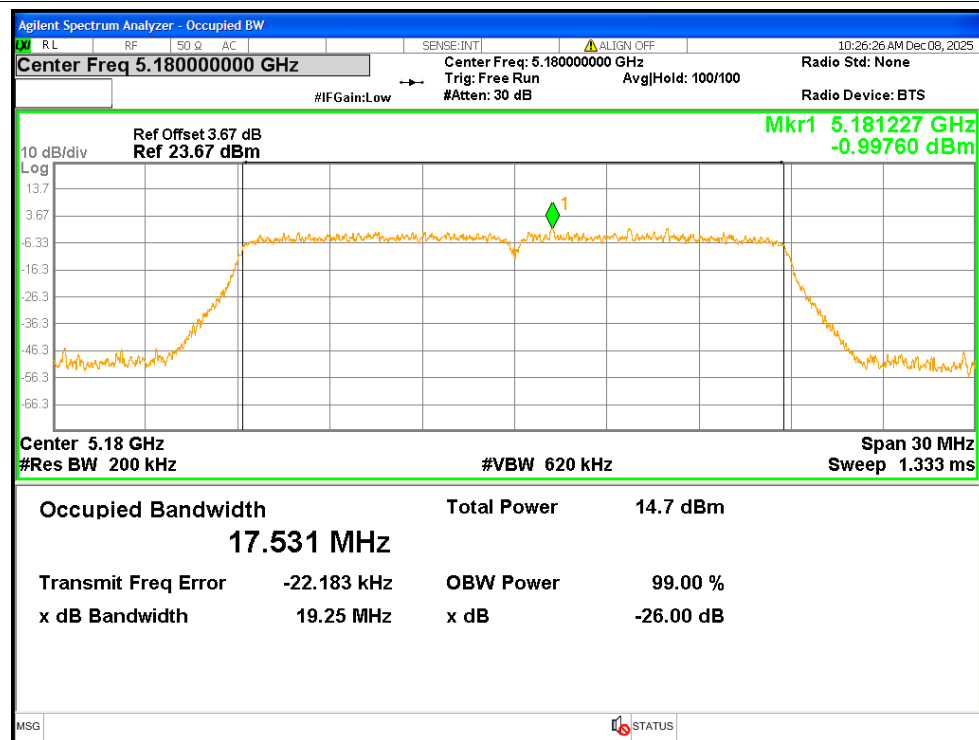
OBW NVNT a 5240MHz Ant2



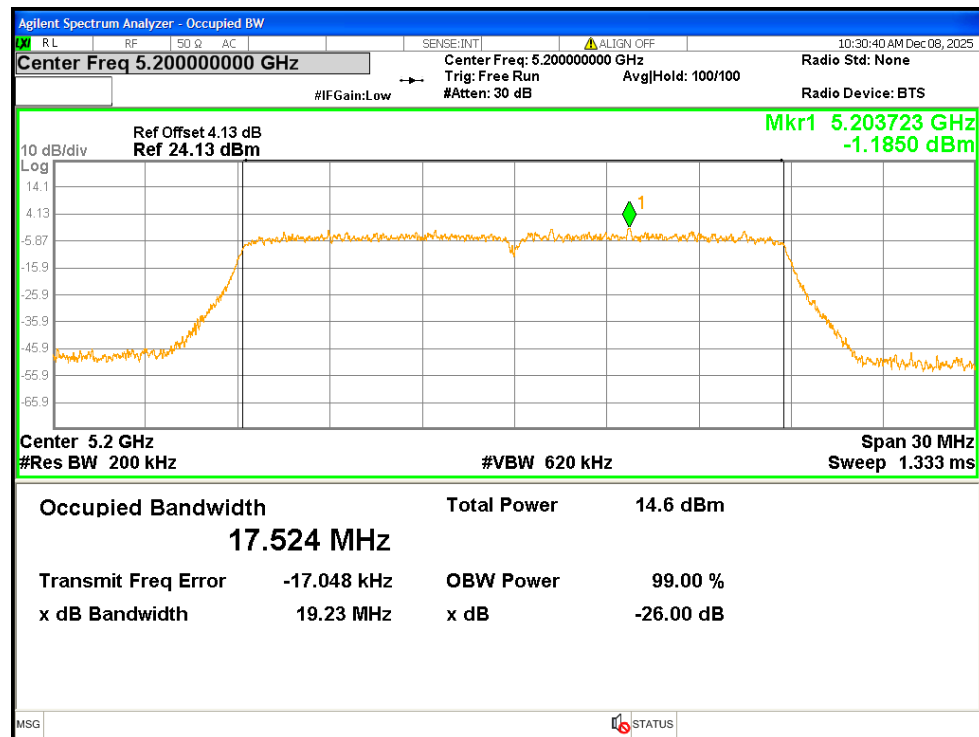
OBW NVNT n20 5180MHz Ant1



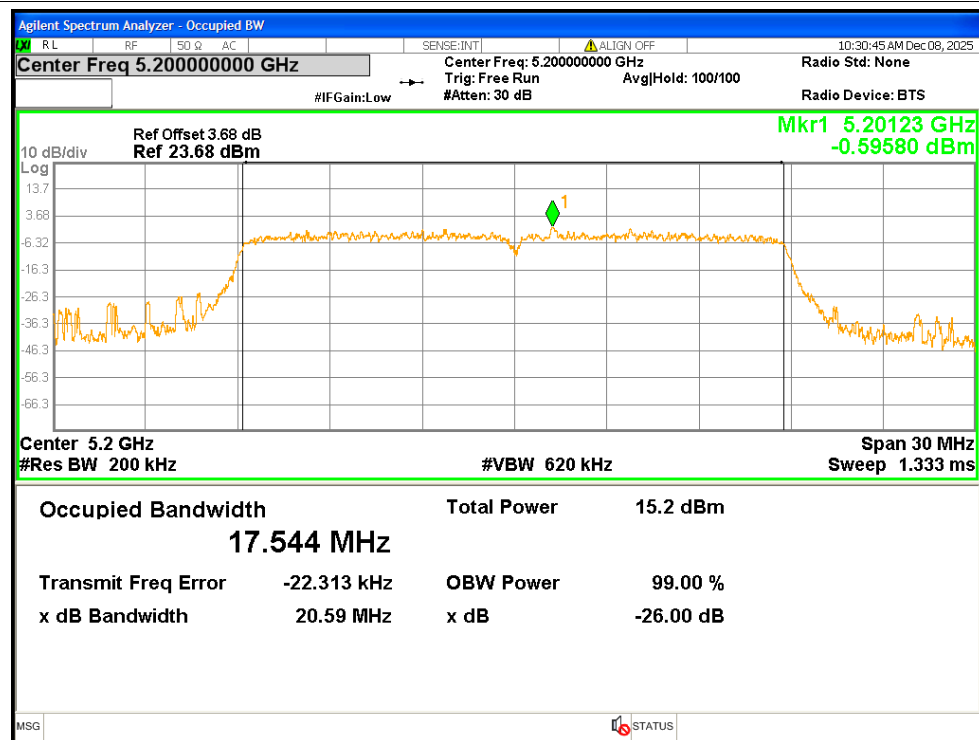
OBW NVNT n20 5180MHz Ant2

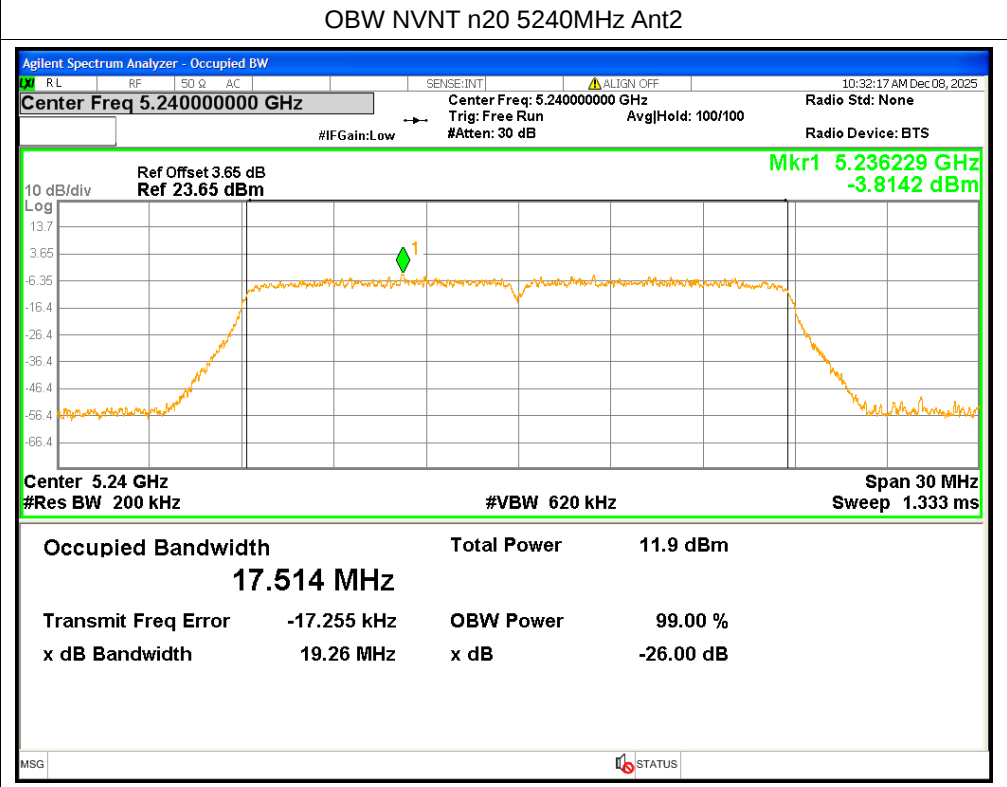
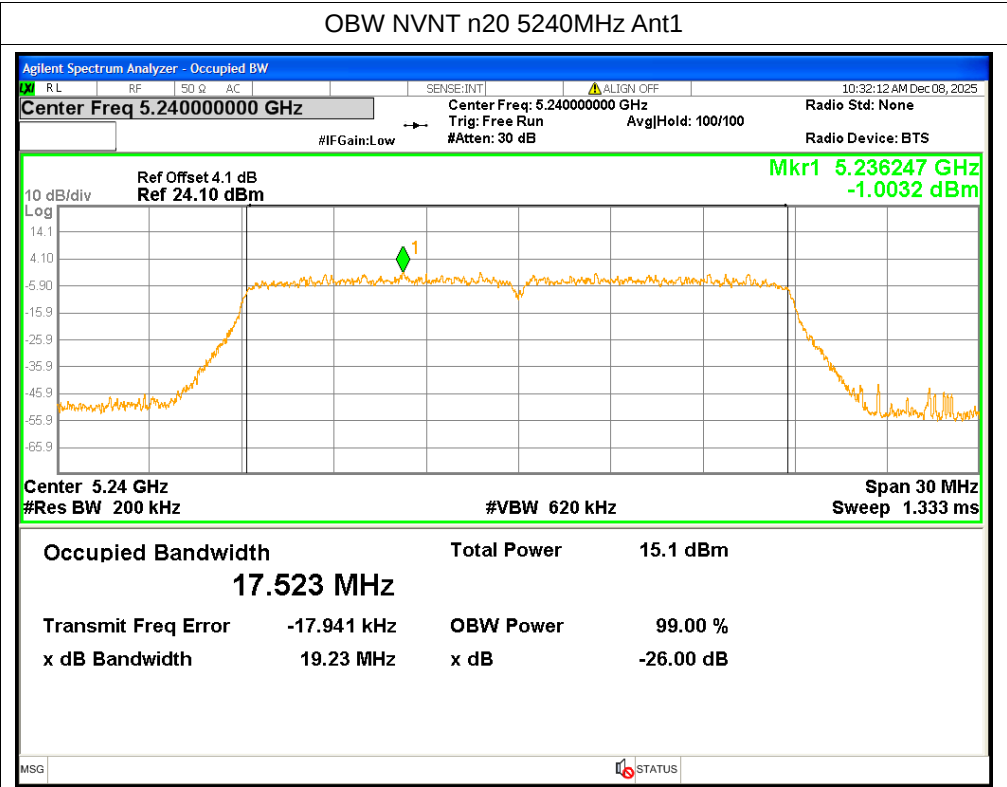


OBW NVNT n20 5200MHz Ant1

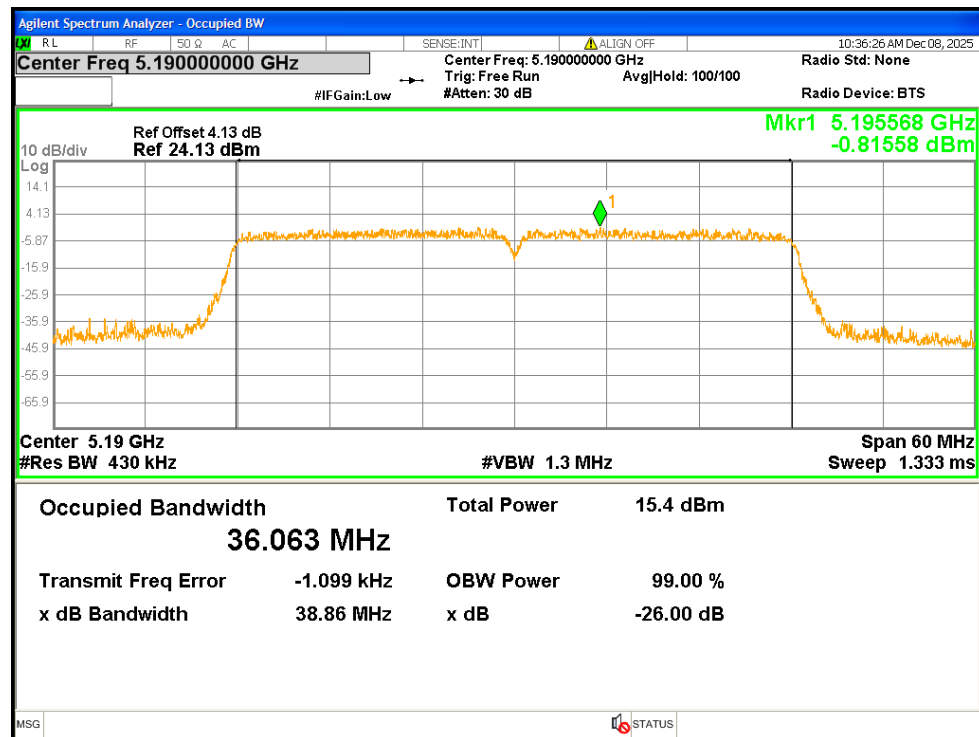


OBW NVNT n20 5200MHz Ant2

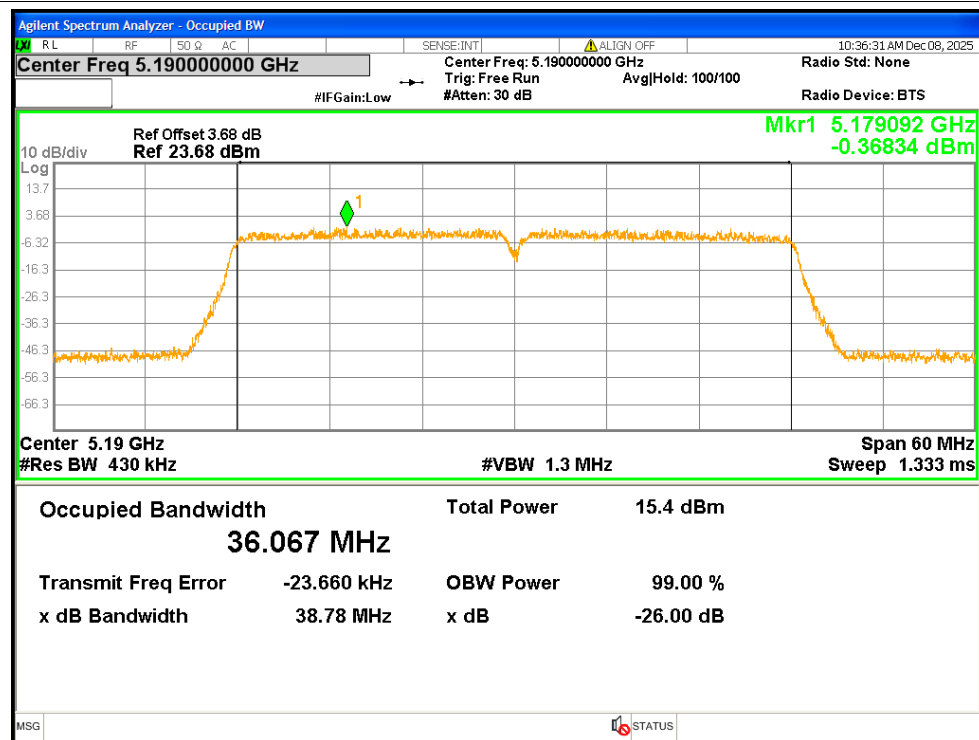


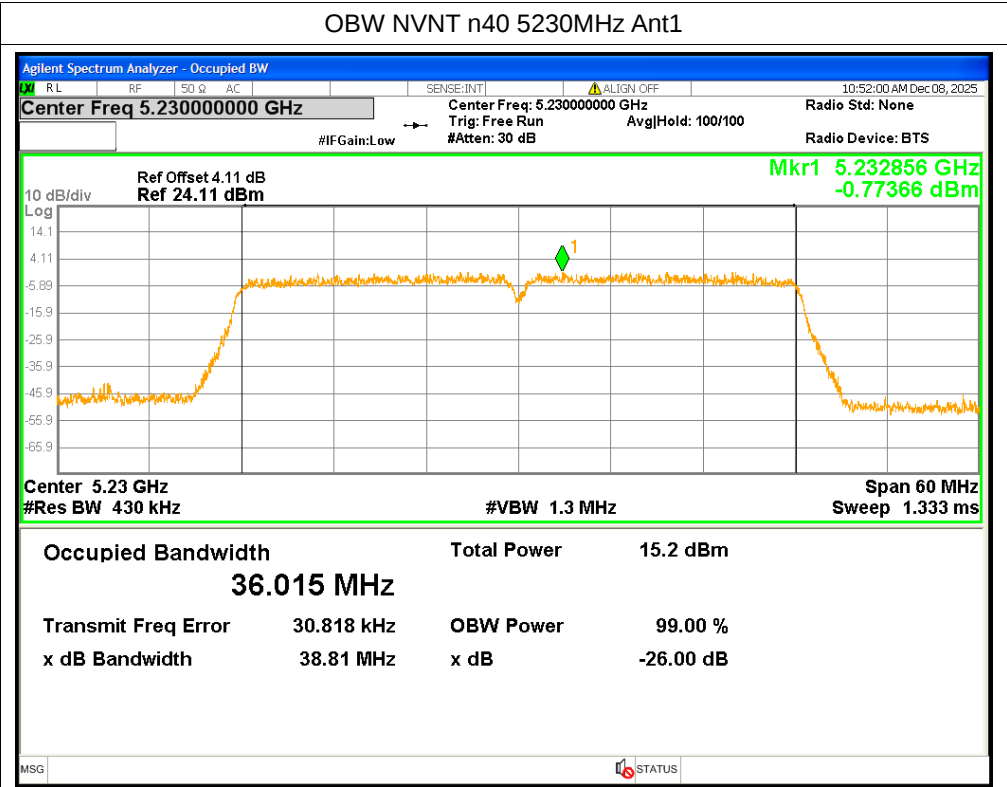


OBW NVNT n40 5190MHz Ant1

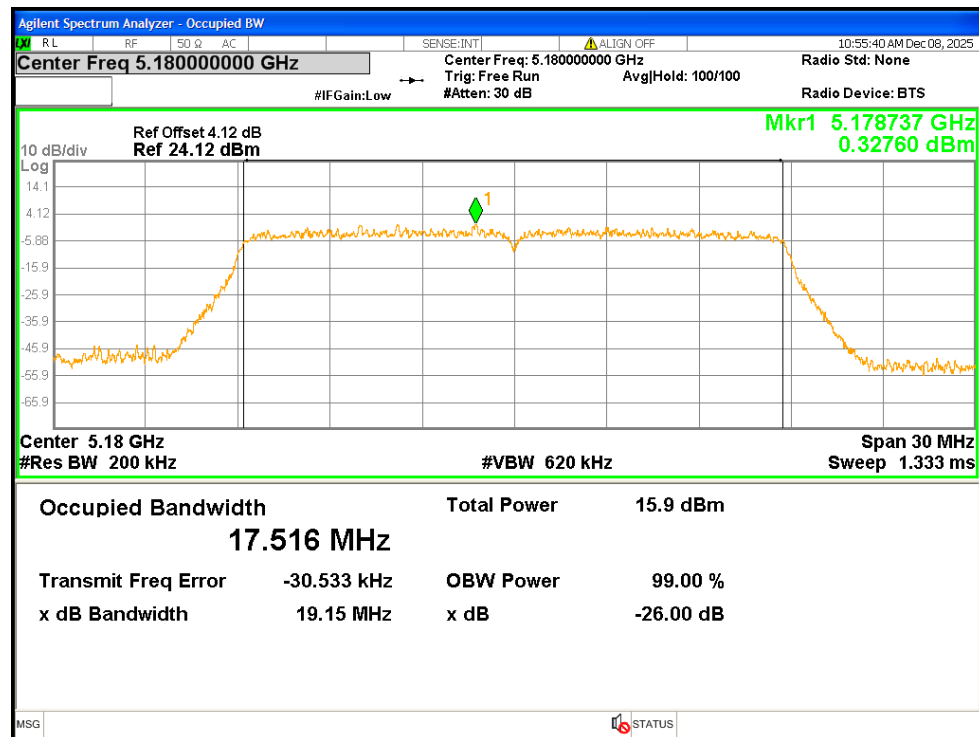


OBW NVNT n40 5190MHz Ant2

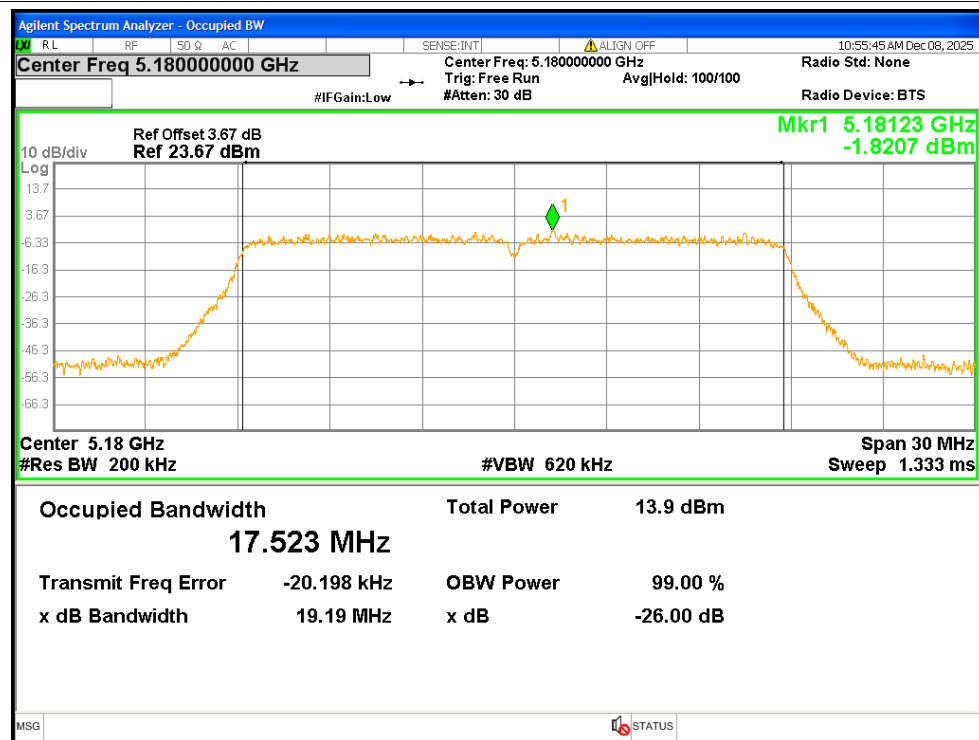




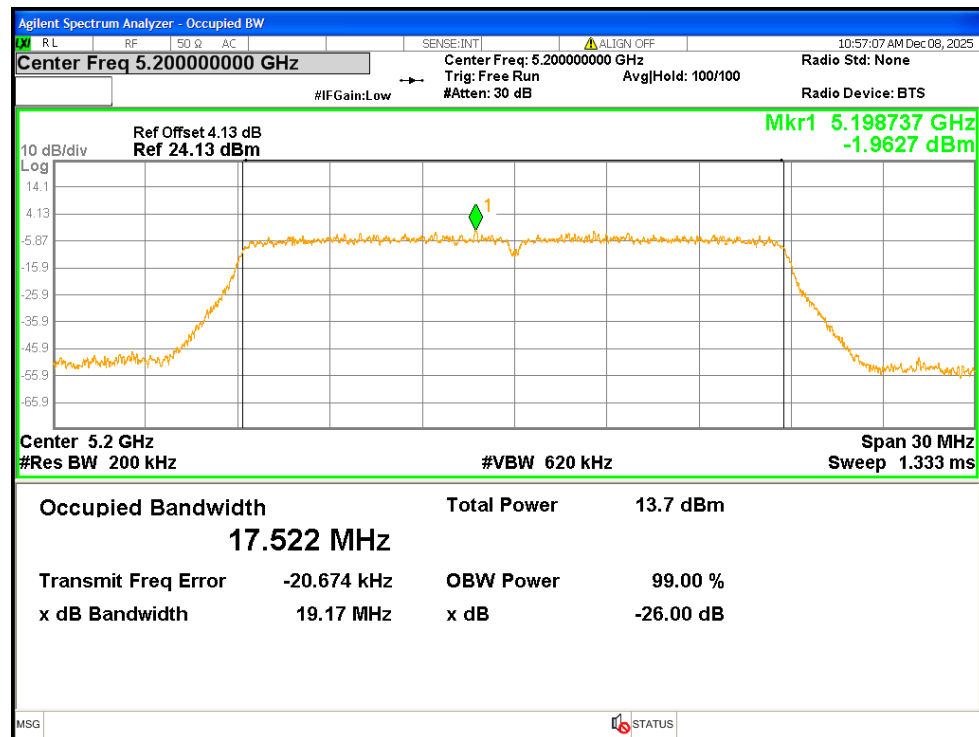
OBW NVNT ac20 5180MHz Ant1



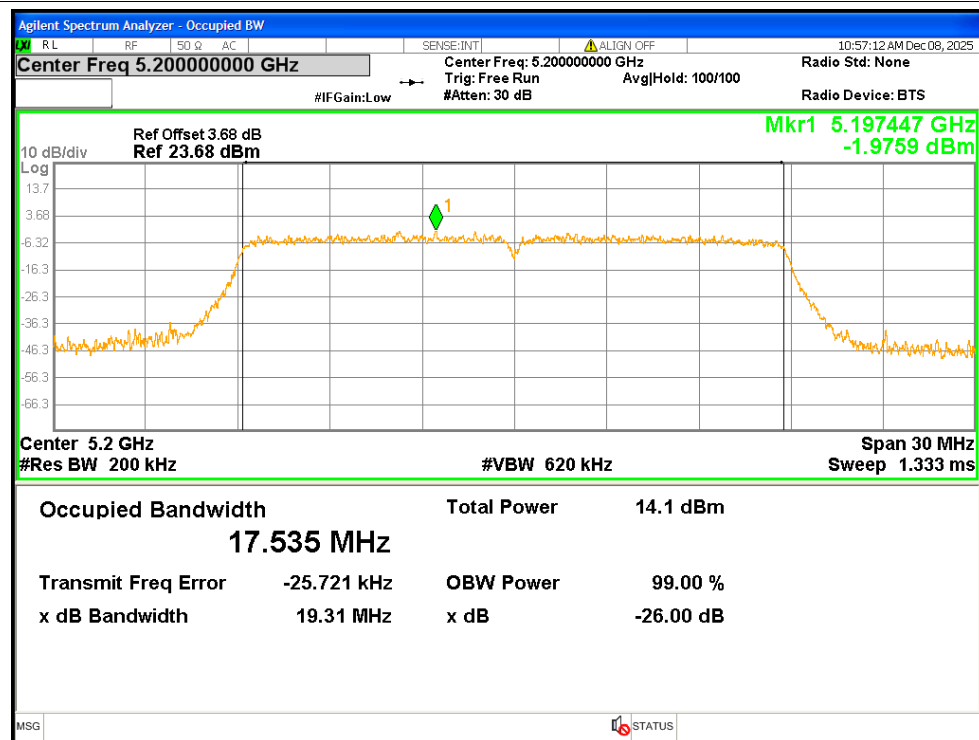
OBW NVNT ac20 5180MHz Ant2



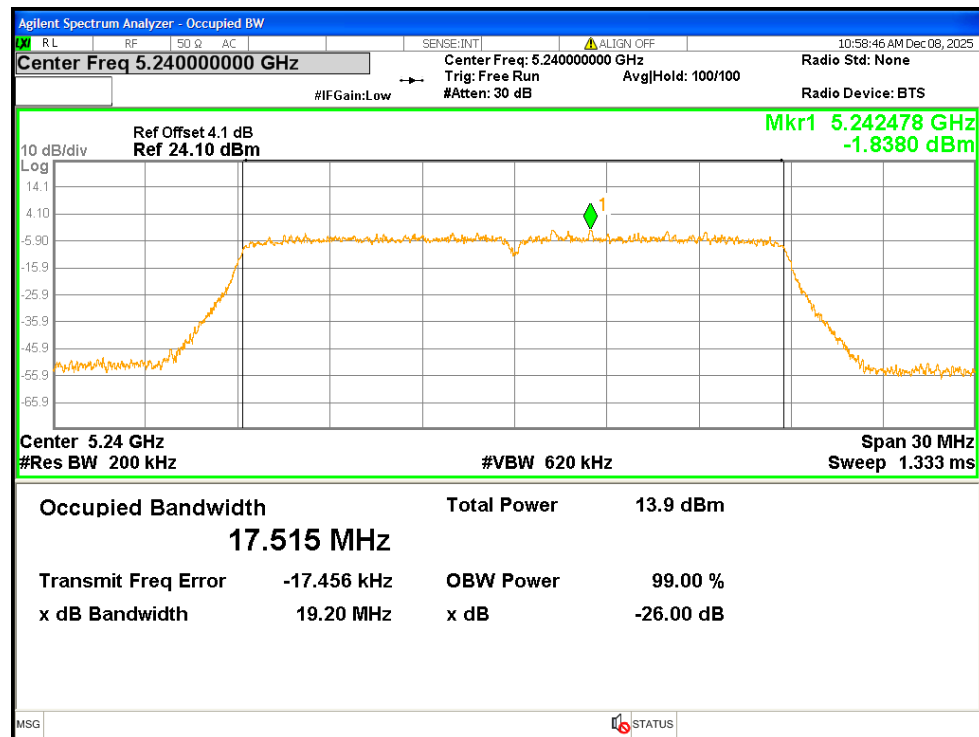
OBW NVNT ac20 5200MHz Ant1



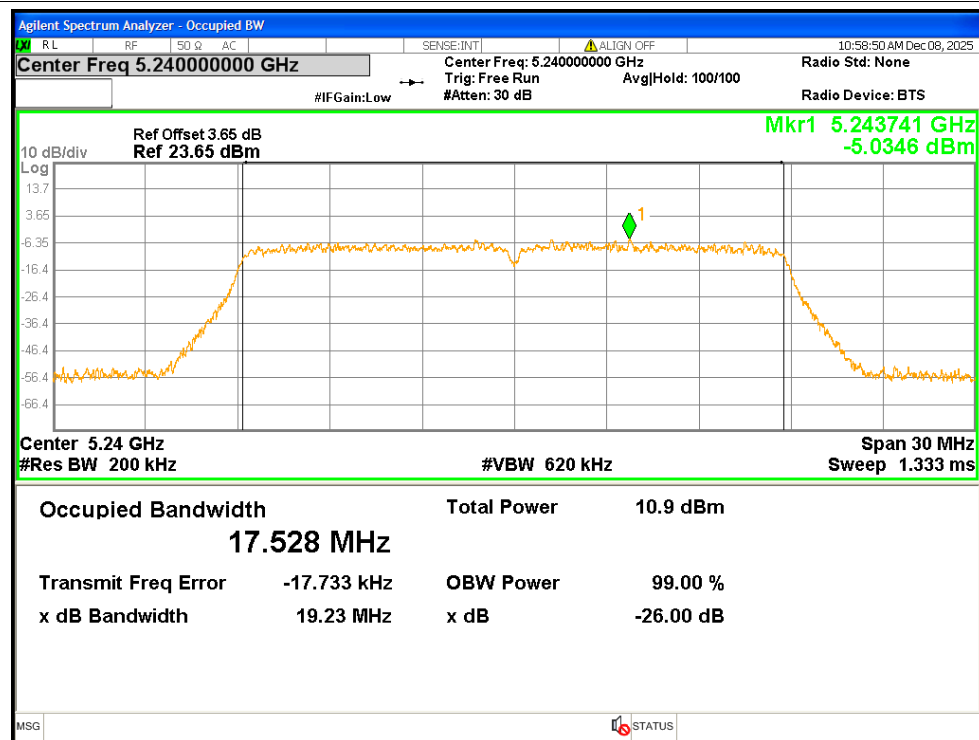
OBW NVNT ac20 5200MHz Ant2



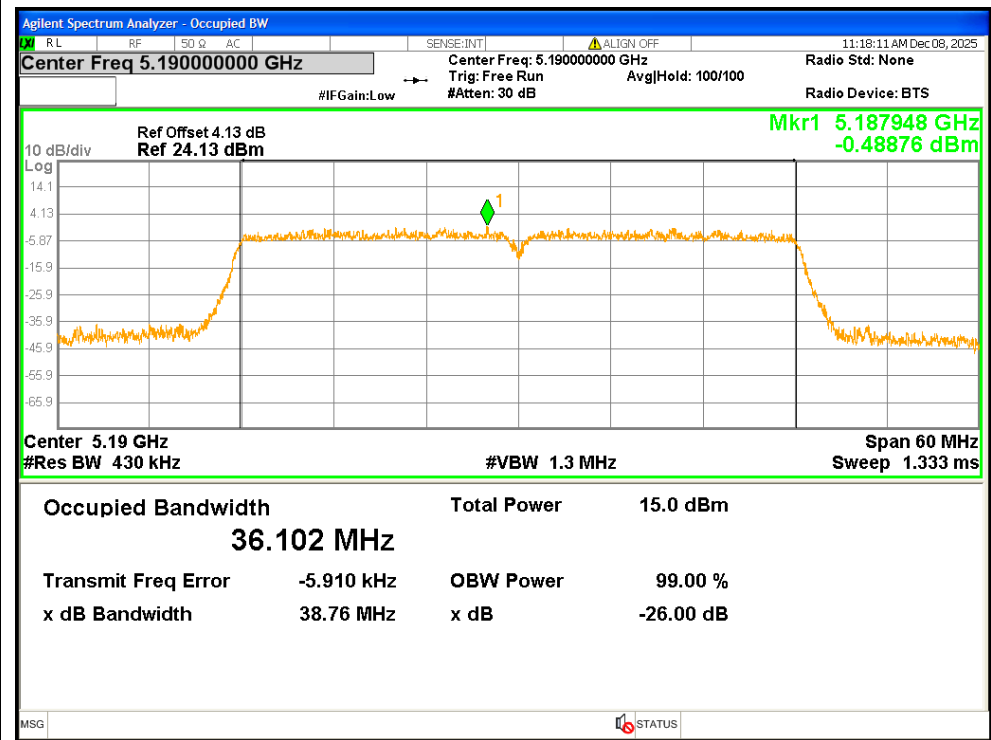
OBW NVNT ac20 5240MHz Ant1



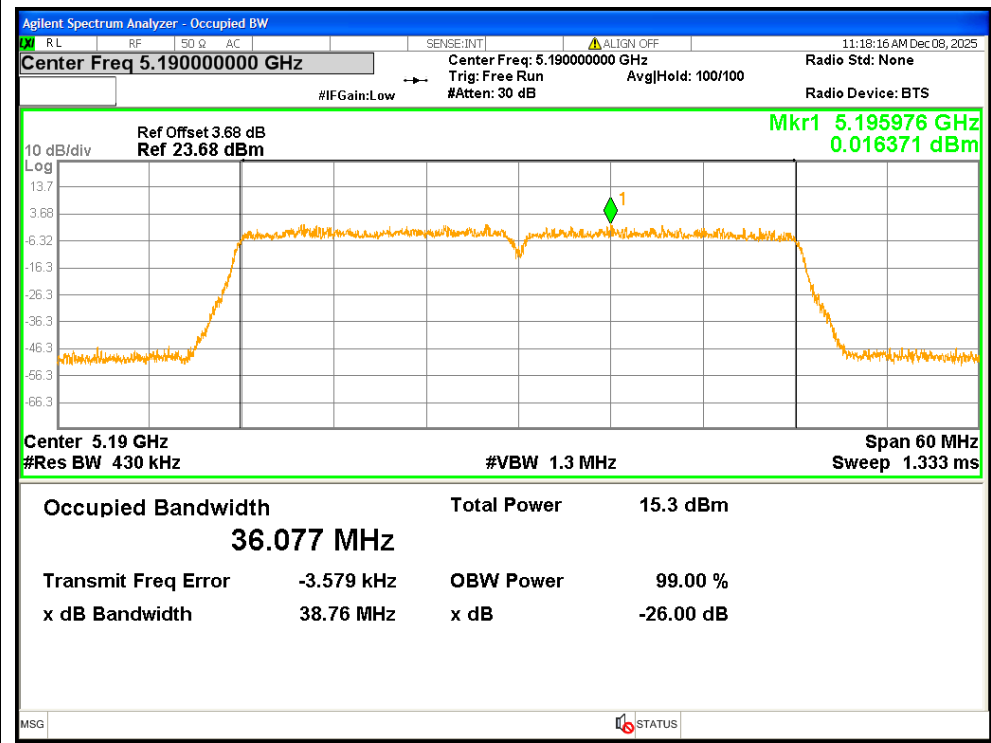
OBW NVNT ac20 5240MHz Ant2



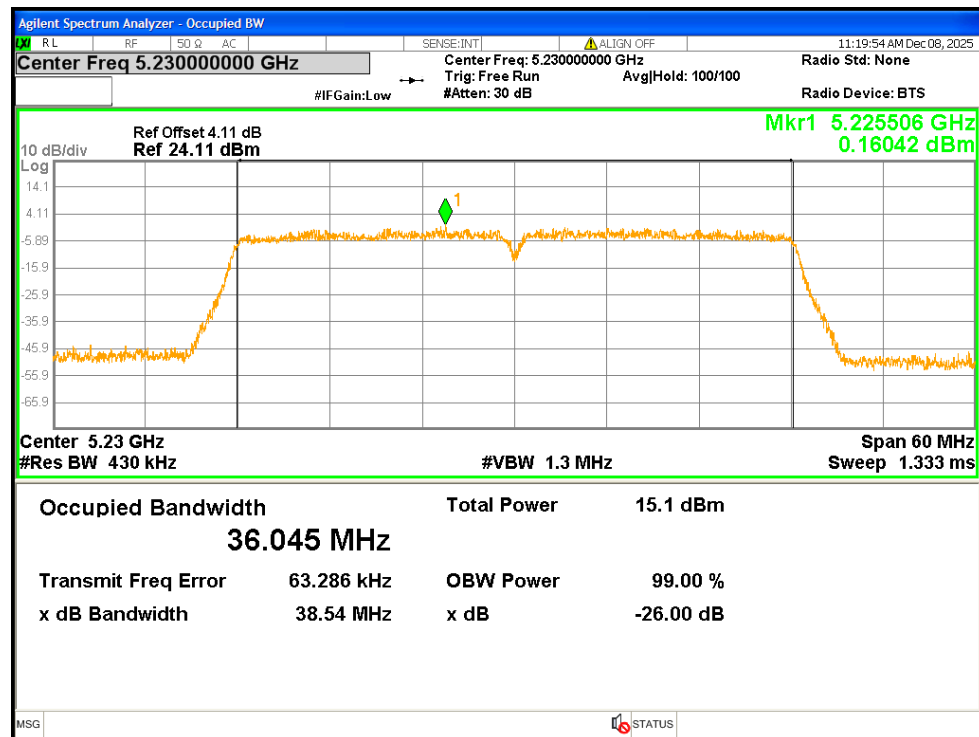
OBW NVNT ac40 5190MHz Ant1



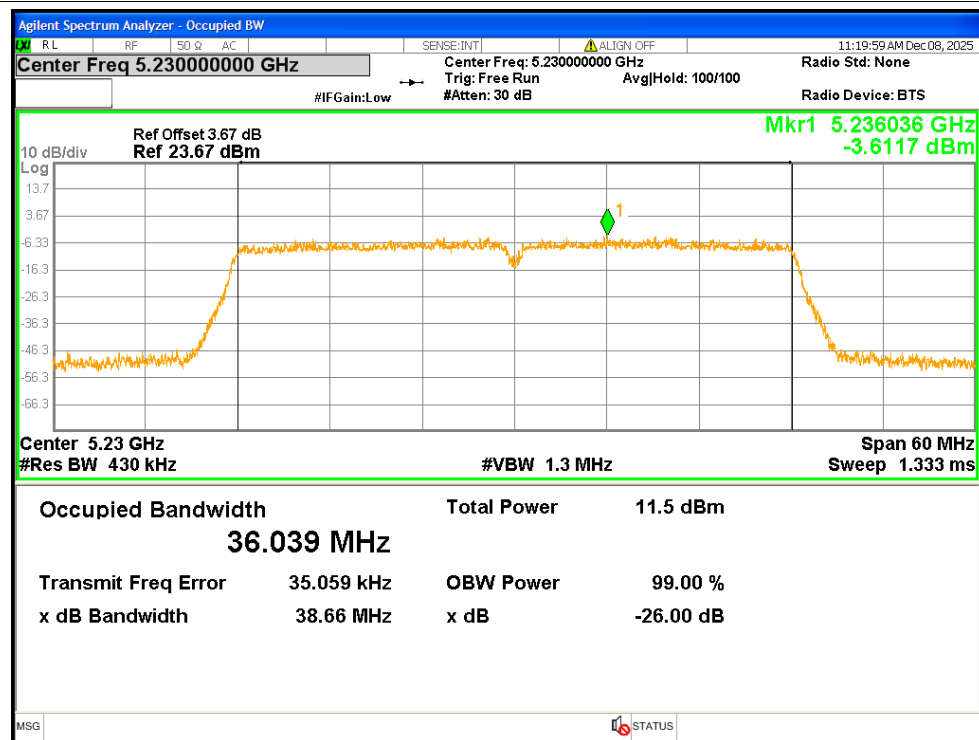
OBW NVNT ac40 5190MHz Ant2



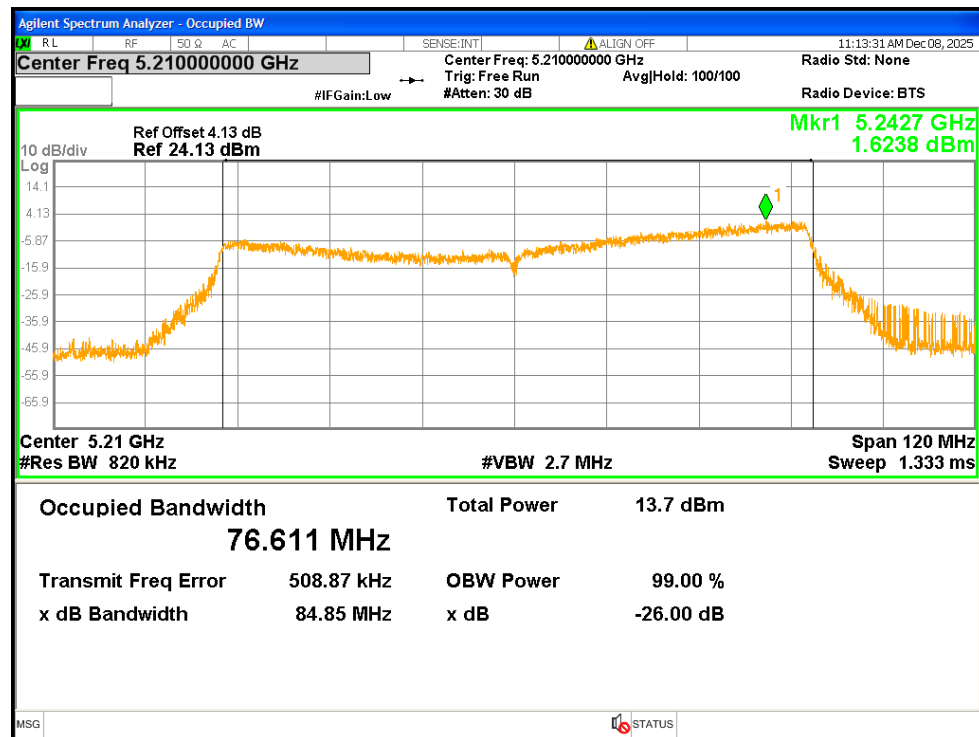
OBW NVNT ac40 5230MHz Ant1



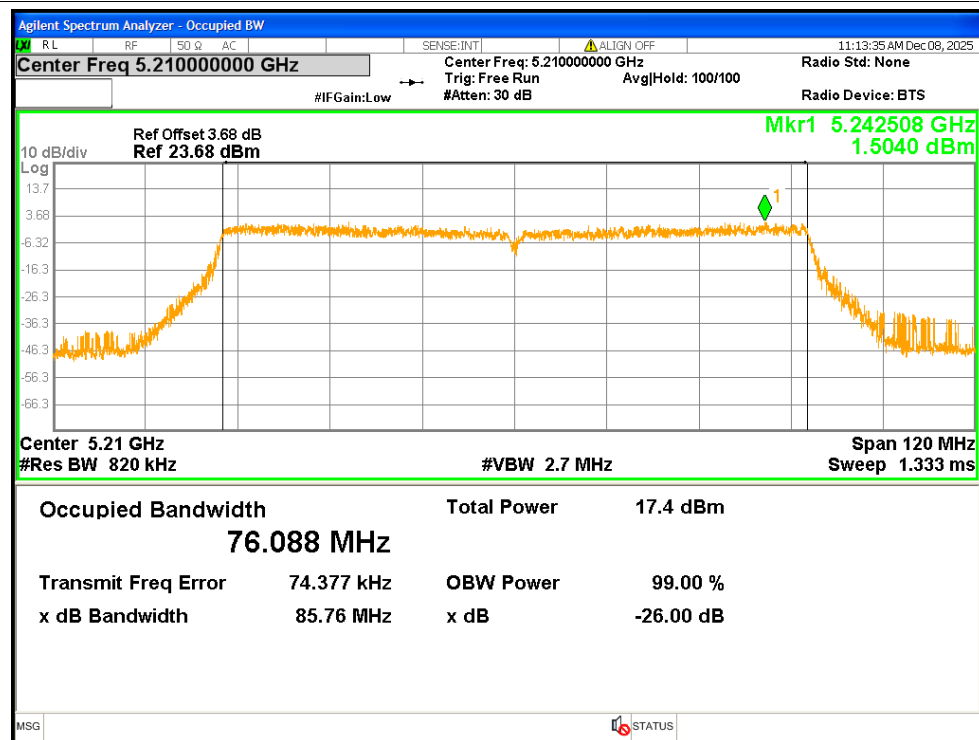
OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz Ant2

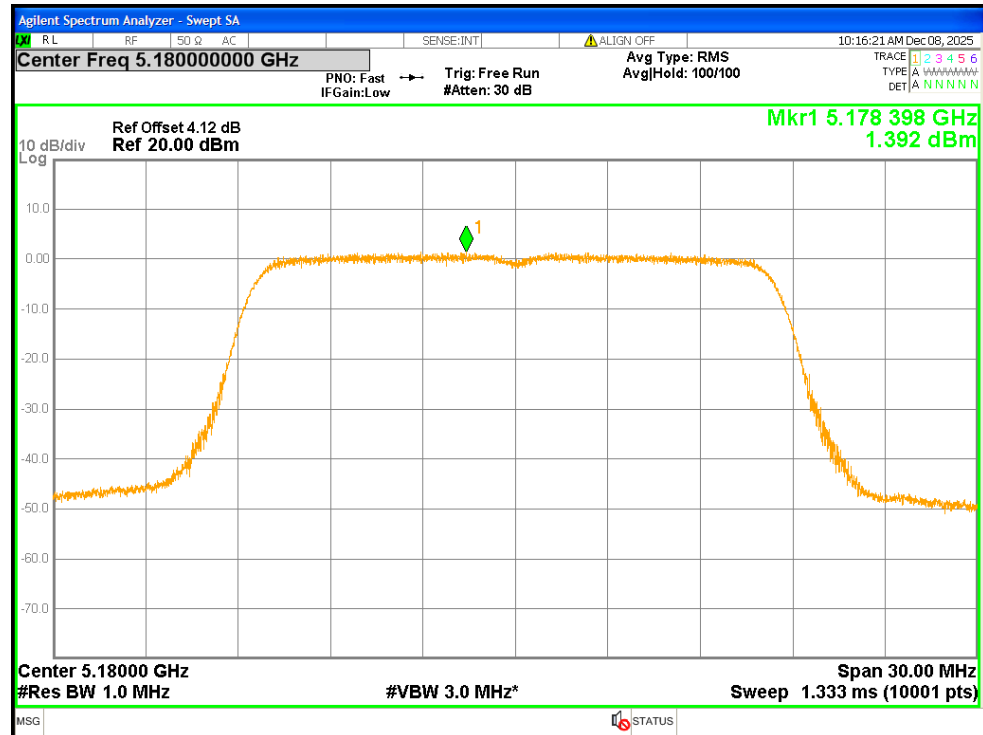


Maximum Power Spectral Density Level

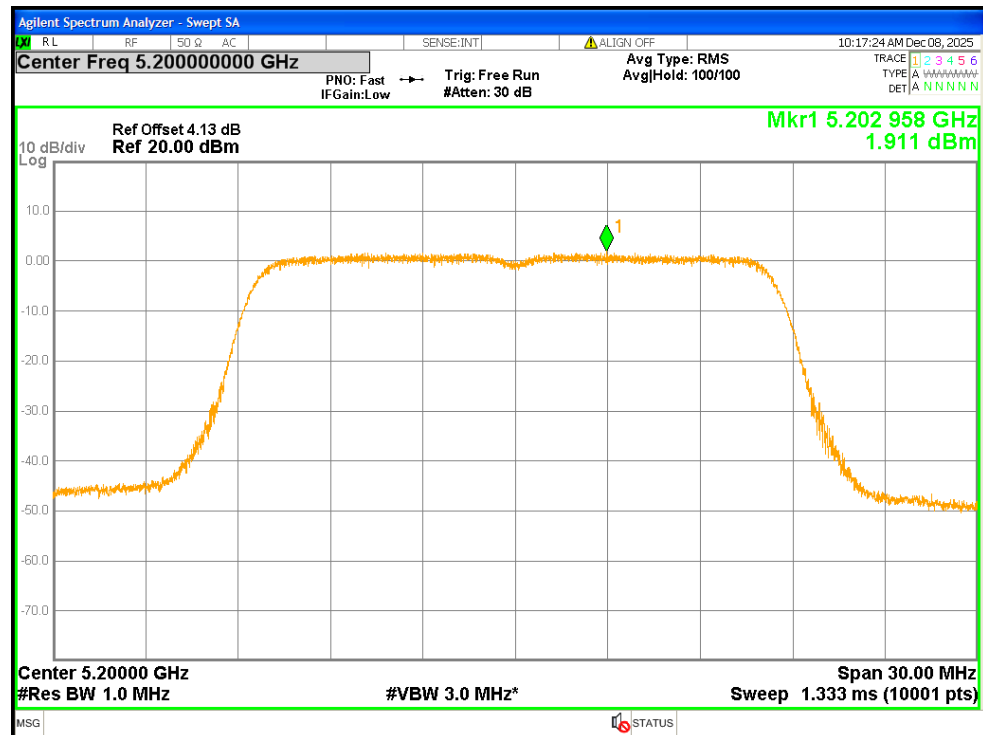
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.392	0.16	1.552	<=11	Pass
NVNT	a	5200	Ant1	1.911	0.16	2.071	<=11	Pass
NVNT	a	5240	Ant1	1.972	0.16	2.132	<=11	Pass
NVNT	a	5180	Ant2	2.13	0.16	2.29	<=11	Pass
NVNT	a	5200	Ant2	2.425	0.16	2.585	<=11	Pass
NVNT	a	5240	Ant2	2.649	0.16	2.809	<=11	Pass
NVNT	n20	5180	Ant1	0.438	0.19	0.628	<=11	Pass
NVNT	n20	5180	Ant2	-1.453	0.19	-1.263	<=11	Pass
NVNT	n20	5180	MIMO	2.605	0.19	2.795	<=11	Pass
NVNT	n20	5200	Ant1	-1.555	0.19	-1.365	<=11	Pass
NVNT	n20	5200	Ant2	-0.848	0.19	-0.658	<=11	Pass
NVNT	n20	5200	MIMO	1.823	0.19	2.013	<=11	Pass
NVNT	n20	5240	Ant1	-1.008	0.19	-0.818	<=11	Pass
NVNT	n20	5240	Ant2	-4.446	0.19	-4.256	<=11	Pass
NVNT	n20	5240	MIMO	0.615	0.19	0.805	<=11	Pass
NVNT	n40	5190	Ant1	-4.369	0.39	-3.979	<=11	Pass
NVNT	n40	5190	Ant2	-4.262	0.39	-3.872	<=11	Pass
NVNT	n40	5190	MIMO	-1.305	0.39	-0.915	<=11	Pass
NVNT	n40	5230	Ant1	-4.287	0.38	-3.907	<=11	Pass
NVNT	n40	5230	Ant2	-7.834	0.38	-7.454	<=11	Pass
NVNT	n40	5230	MIMO	-2.698	0.38	-2.318	<=11	Pass
NVNT	ac20	5180	Ant1	-0.512	0.19	-0.322	<=11	Pass
NVNT	ac20	5180	Ant2	-2.177	0.19	-1.987	<=11	Pass
NVNT	ac20	5180	MIMO	1.745	0.19	1.935	<=11	Pass
NVNT	ac20	5200	Ant1	-2.448	0.19	-2.258	<=11	Pass
NVNT	ac20	5200	Ant2	-2.07	0.19	-1.88	<=11	Pass
NVNT	ac20	5200	MIMO	0.755	0.19	0.945	<=11	Pass
NVNT	ac20	5240	Ant1	-2.238	0.19	-2.048	<=11	Pass
NVNT	ac20	5240	Ant2	-5.381	0.19	-5.191	<=11	Pass
NVNT	ac20	5240	MIMO	-0.521	0.19	-0.331	<=11	Pass
NVNT	ac40	5190	Ant1	-4.762	0.72	-4.042	<=11	Pass
NVNT	ac40	5190	Ant2	-4.7	0.72	-3.98	<=11	Pass
NVNT	ac40	5190	MIMO	-1.721	0.72	-1.001	<=11	Pass
NVNT	ac40	5230	Ant1	-4.719	0.73	-3.989	<=11	Pass
NVNT	ac40	5230	Ant2	-8.179	0.73	-7.449	<=11	Pass
NVNT	ac40	5230	MIMO	-3.103	0.73	-2.373	<=11	Pass
NVNT	ac80	5210	Ant1	-6.247	1.35	-4.897	<=11	Pass
NVNT	ac80	5210	Ant2	-6.406	1.35	-5.056	<=11	Pass
NVNT	ac80	5210	MIMO	-3.315	1.35	-1.965	<=11	Pass

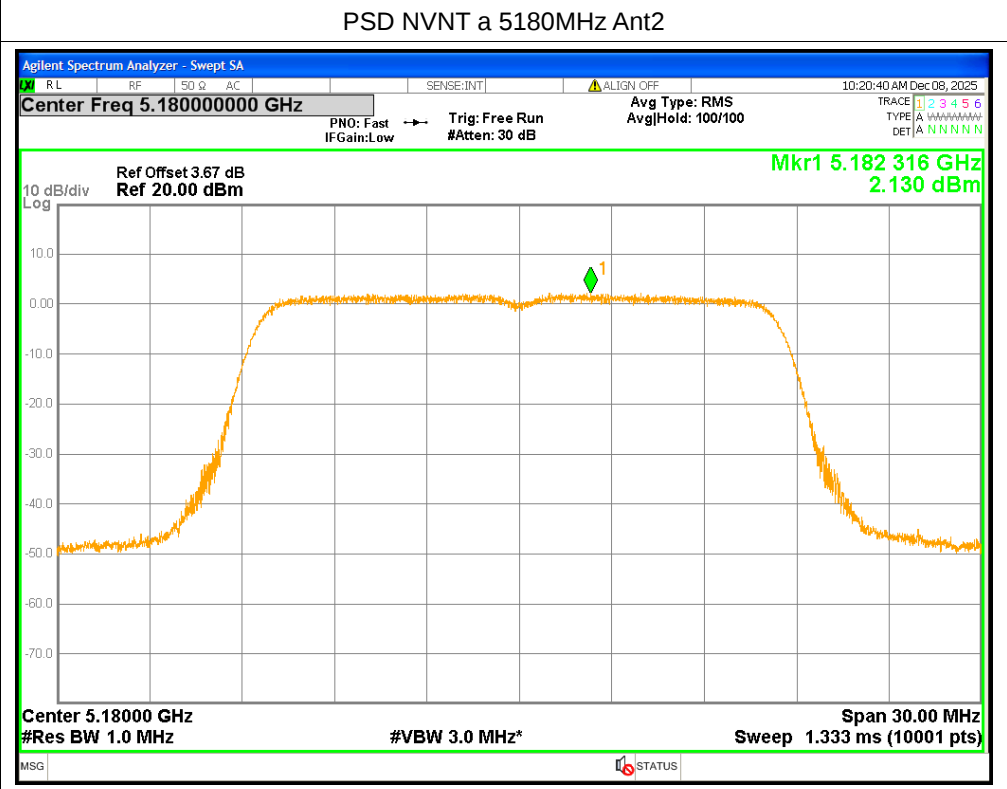
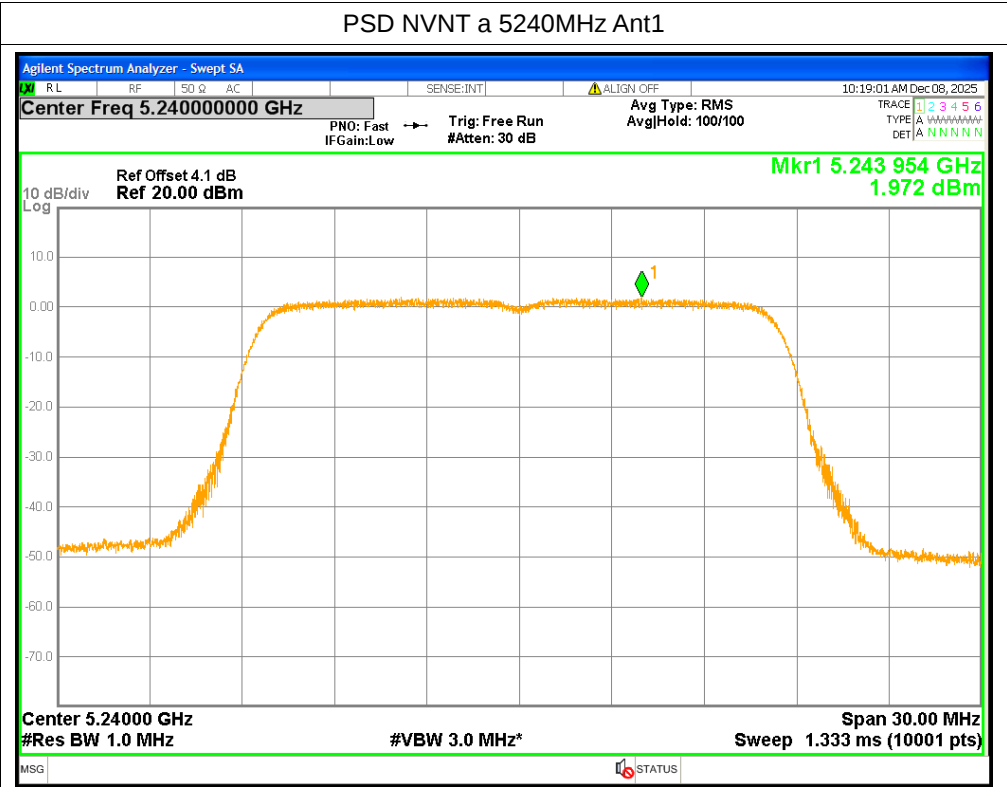
Test Graphs

PSD NVNT a 5180MHz Ant1

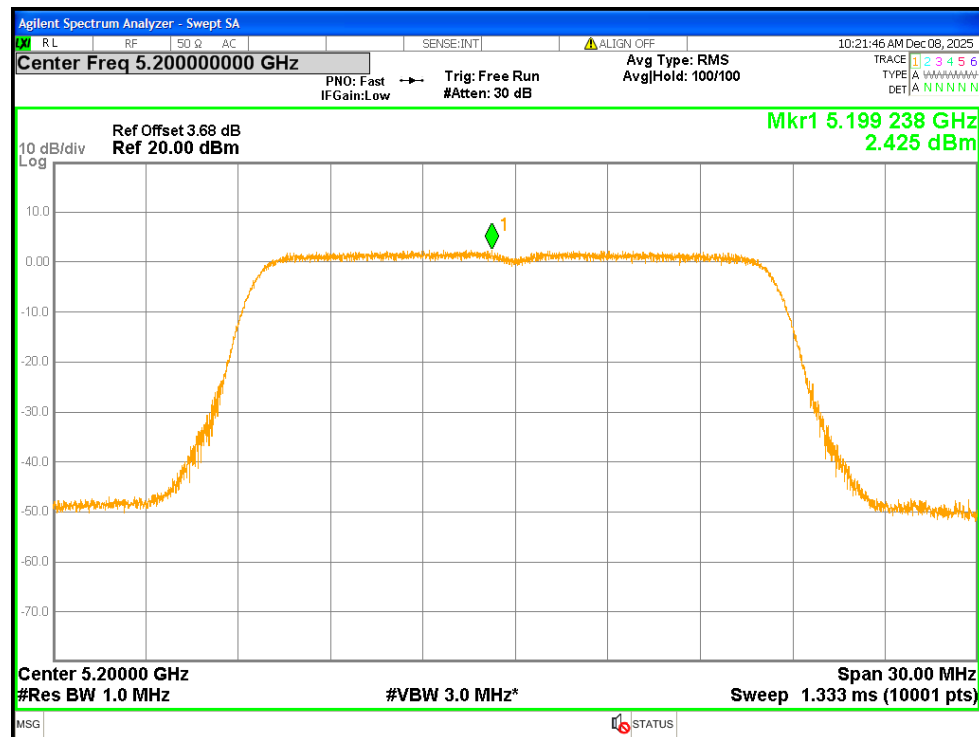


PSD NVNT a 5200MHz Ant1

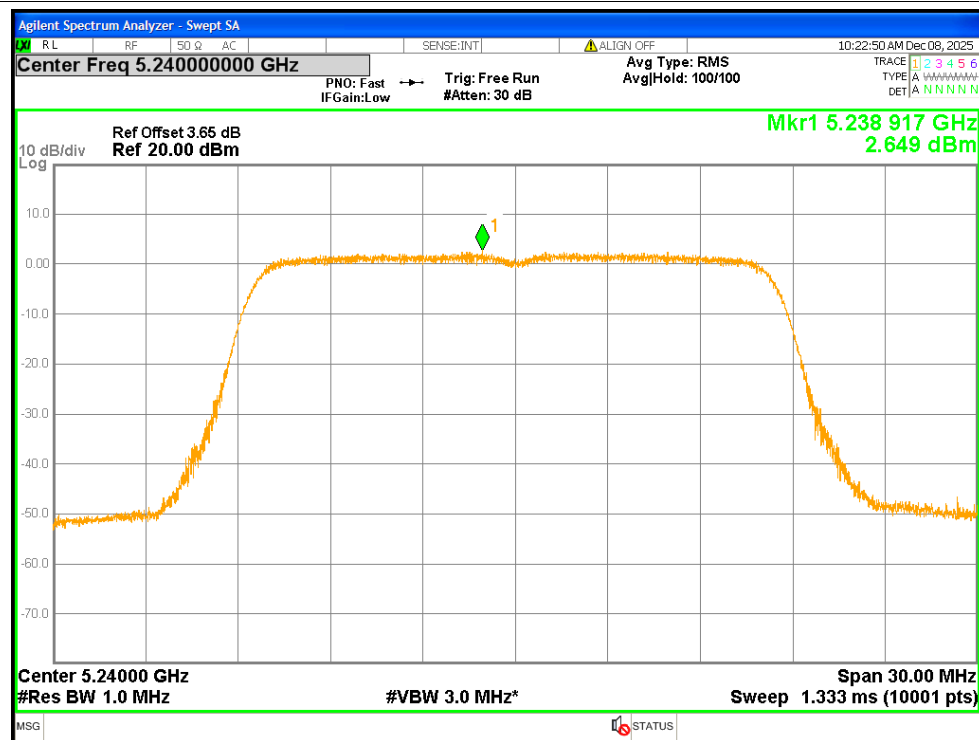




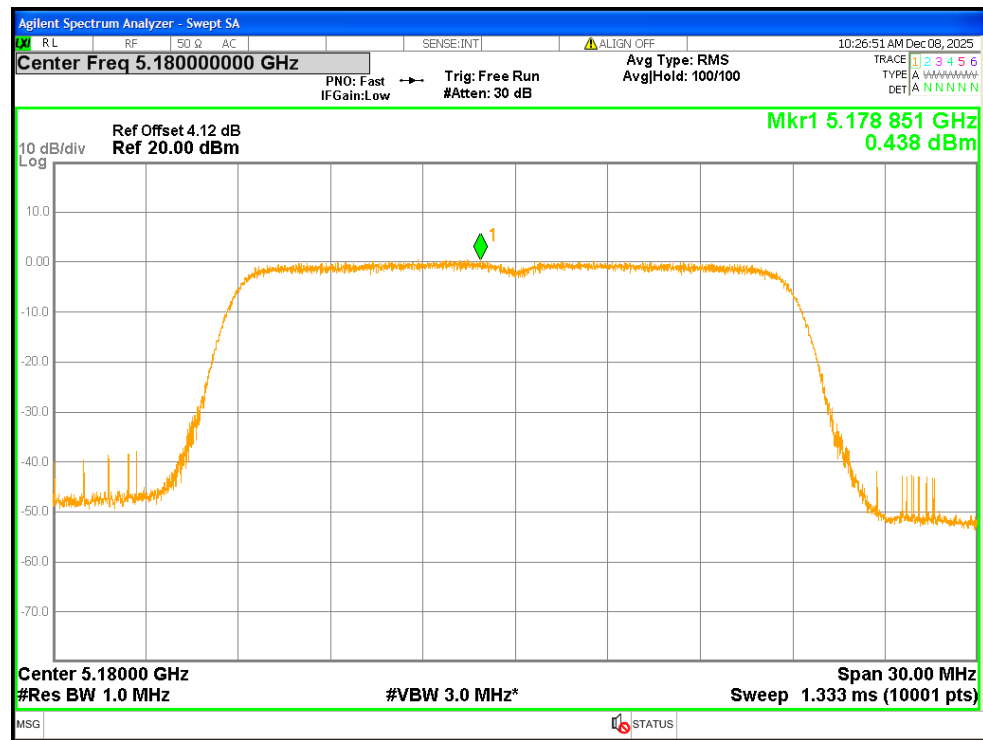
PSD NVNT a 5200MHz Ant2



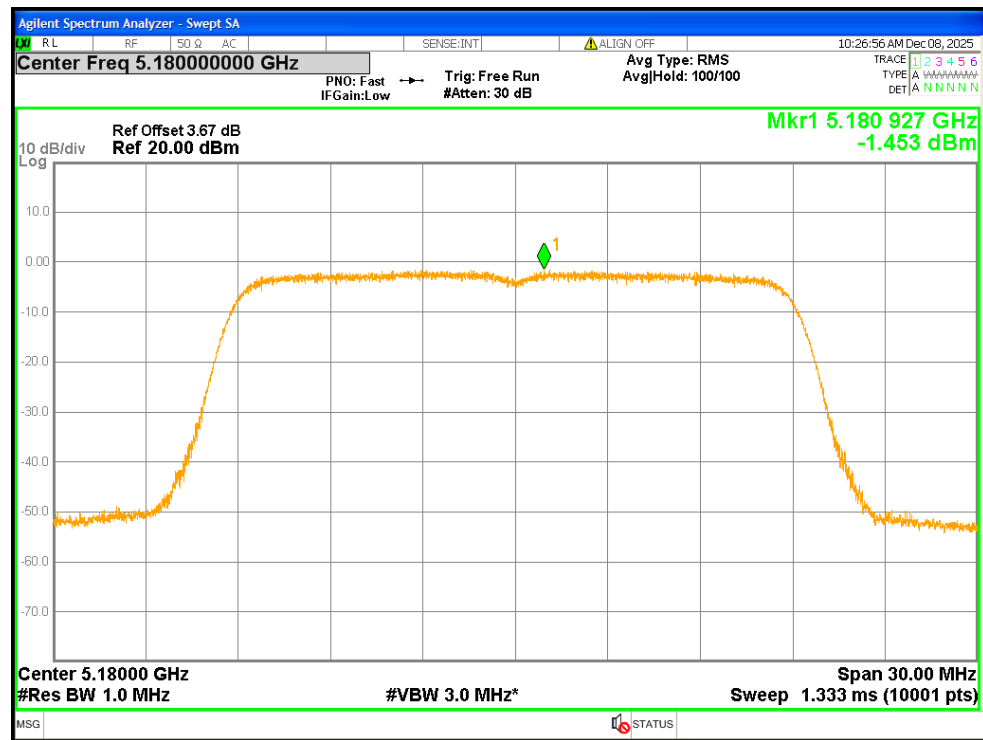
PSD NVNT a 5240MHz Ant2



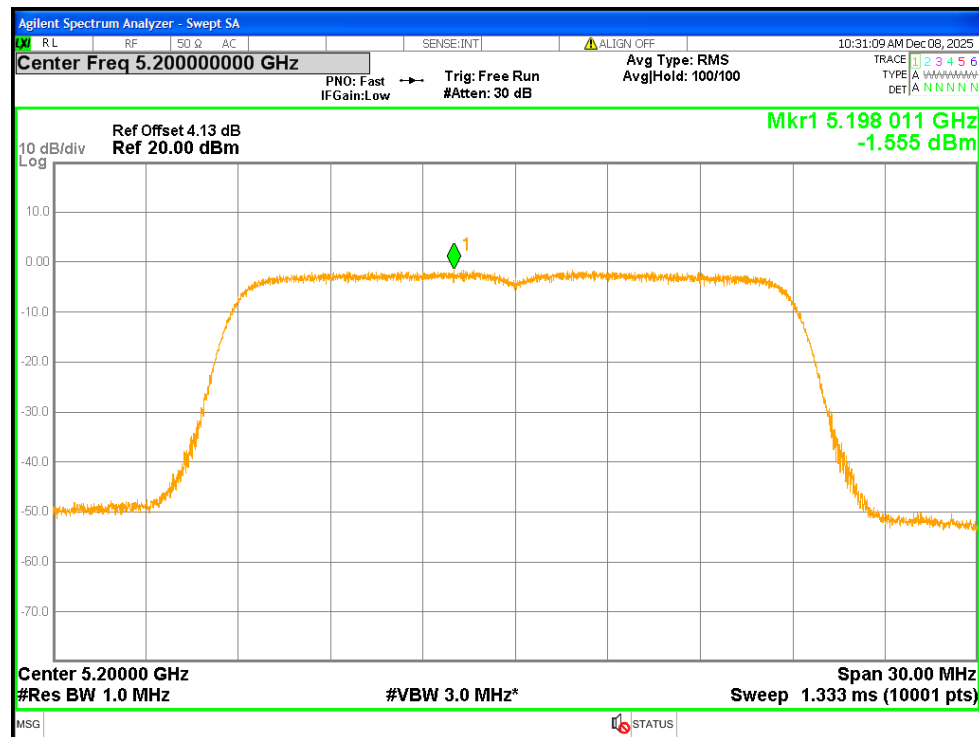
PSD NVNT n20 5180MHz Ant1



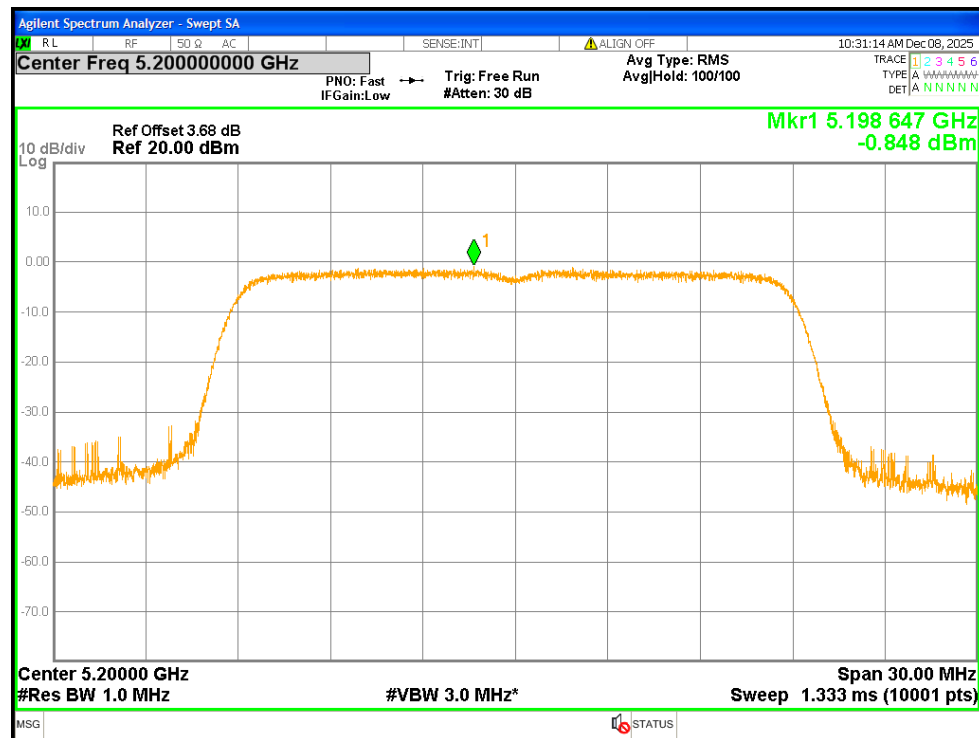
PSD NVNT n20 5180MHz Ant2

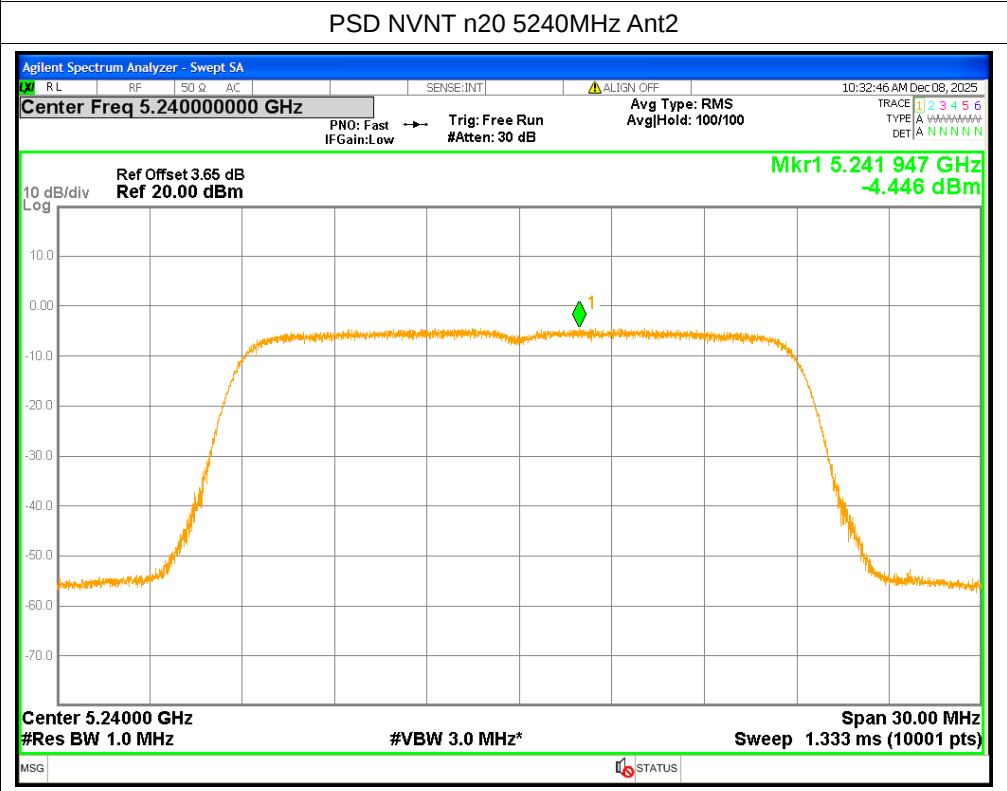
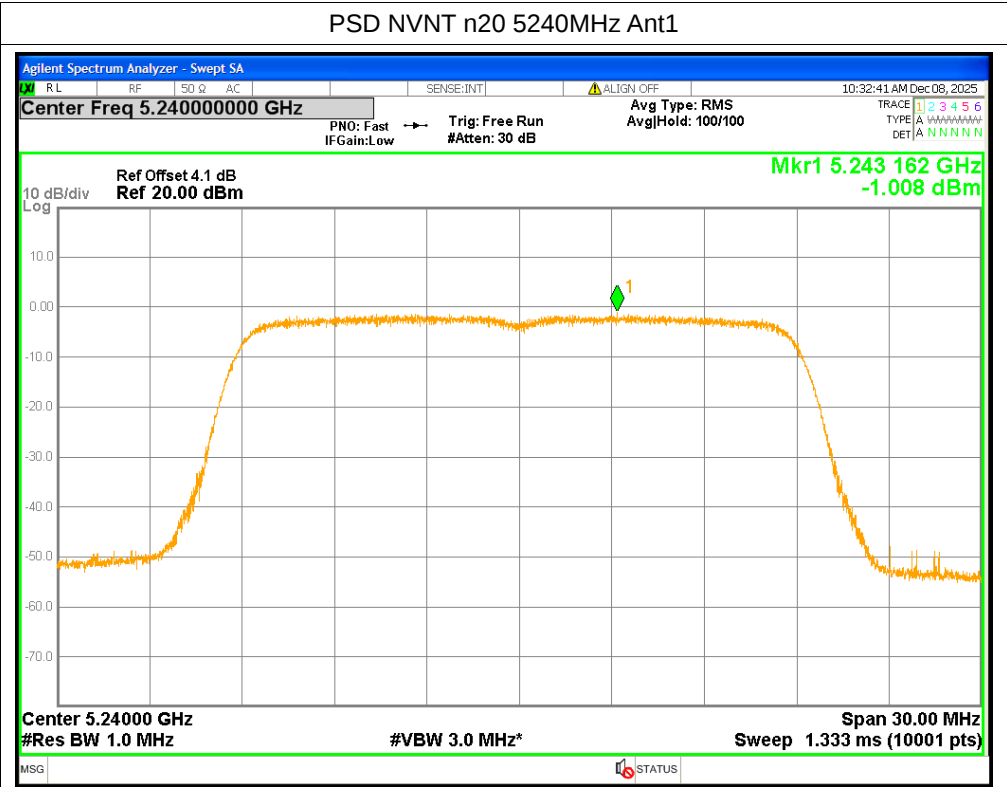


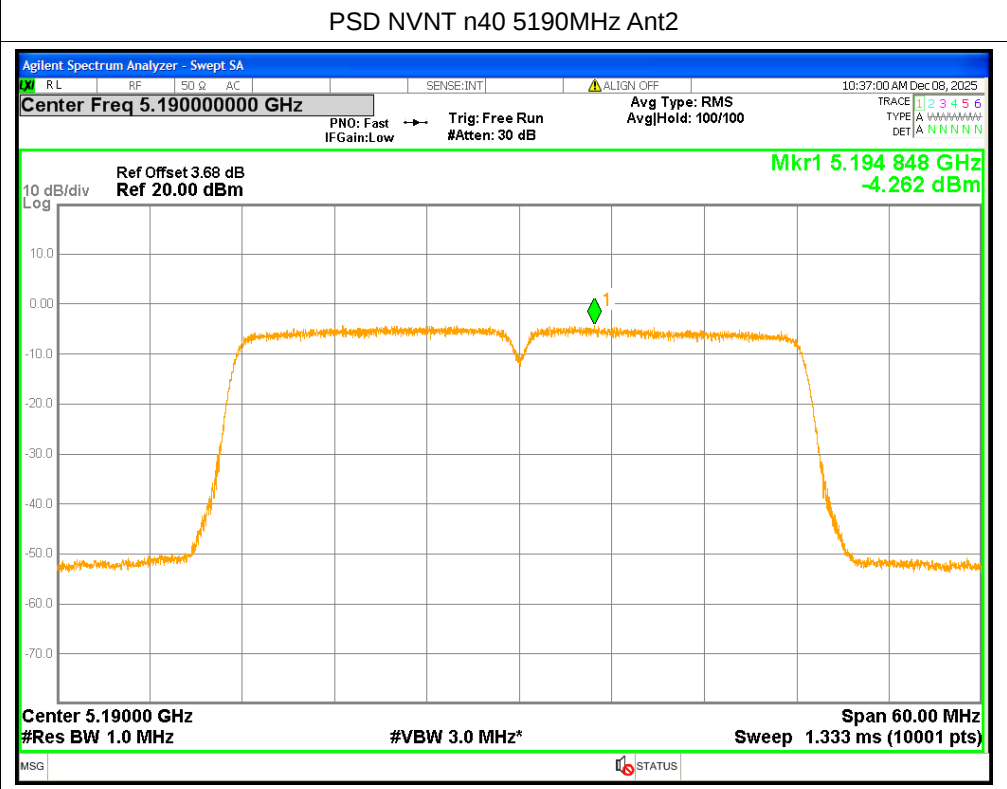
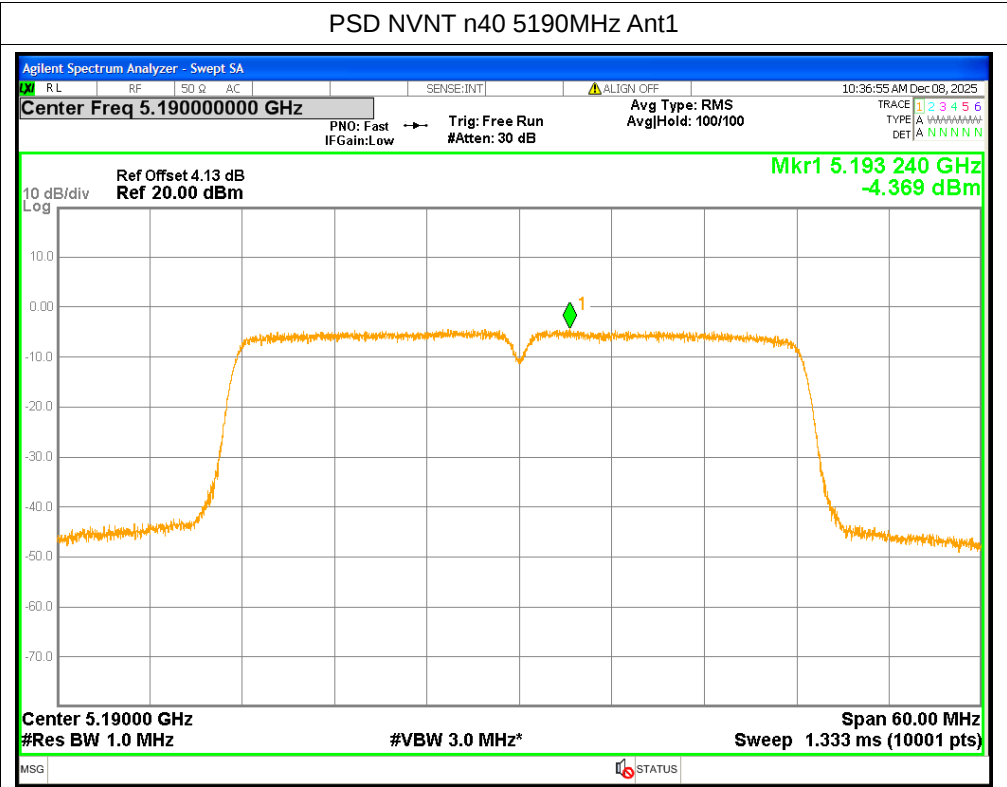
PSD NVNT n20 5200MHz Ant1



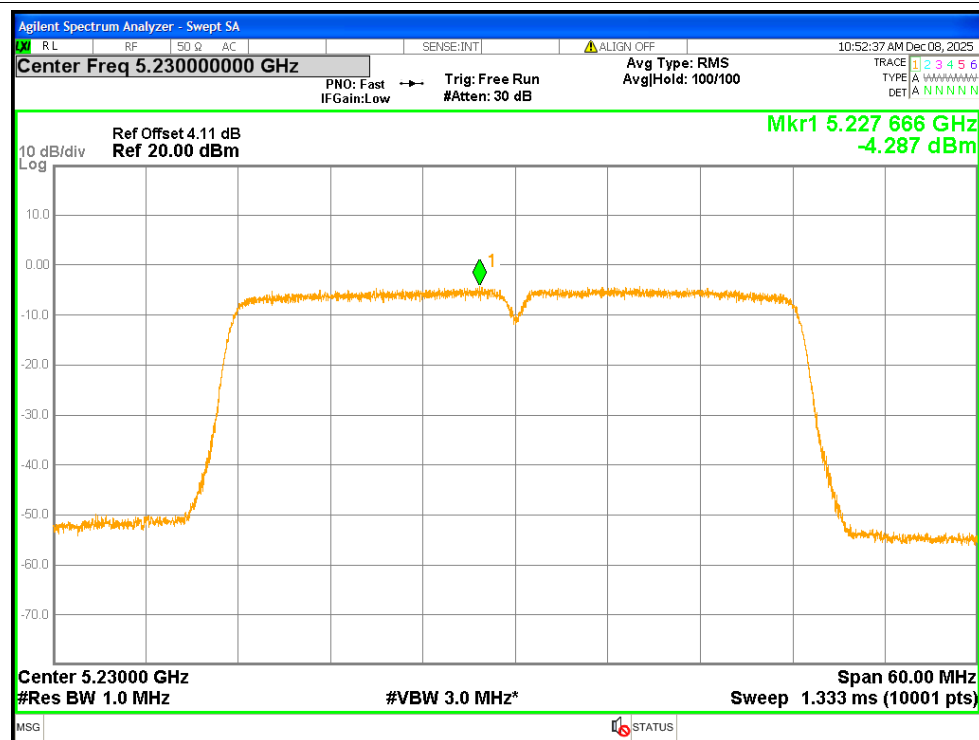
PSD NVNT n20 5200MHz Ant2



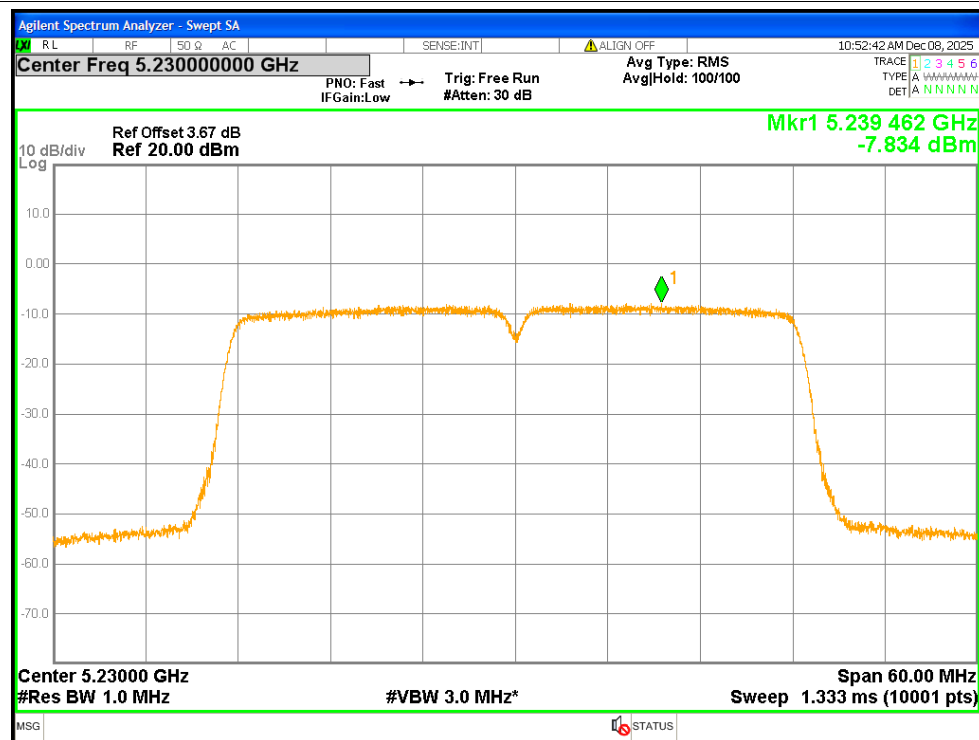


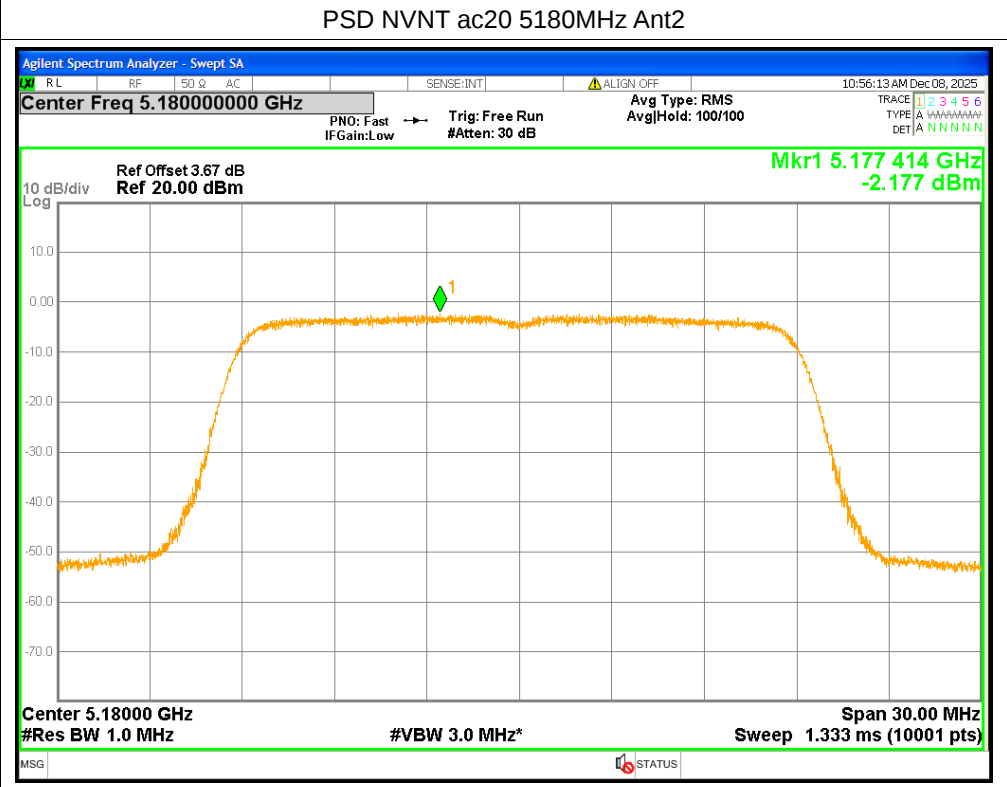
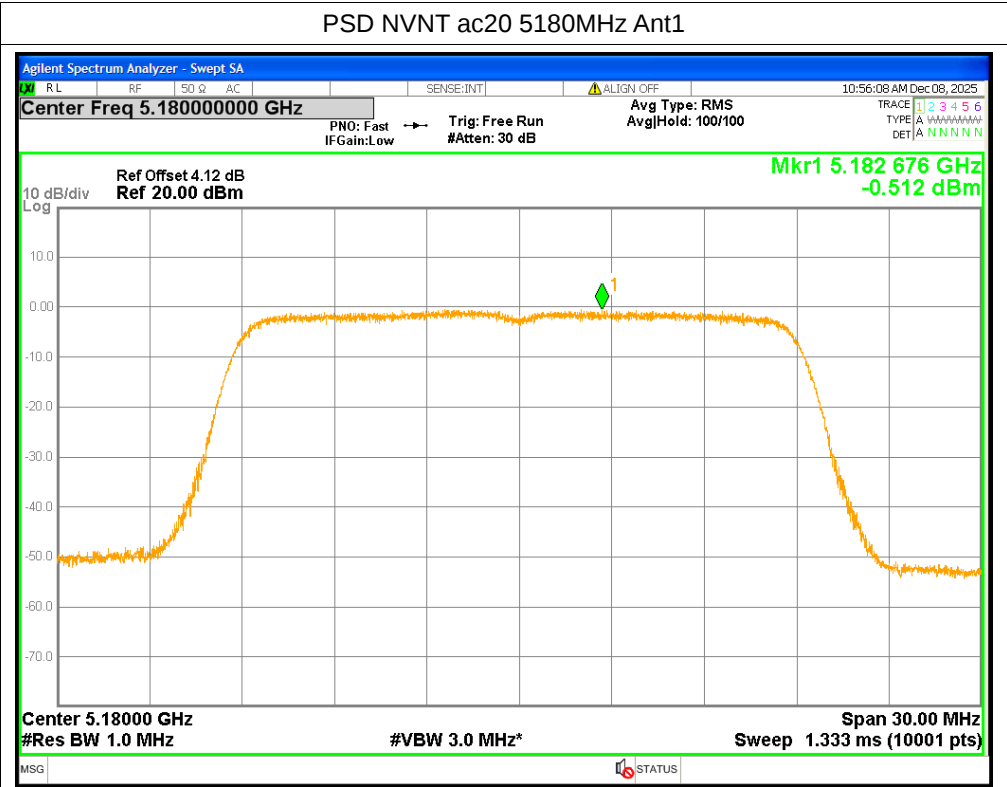


PSD NVNT n40 5230MHz Ant1

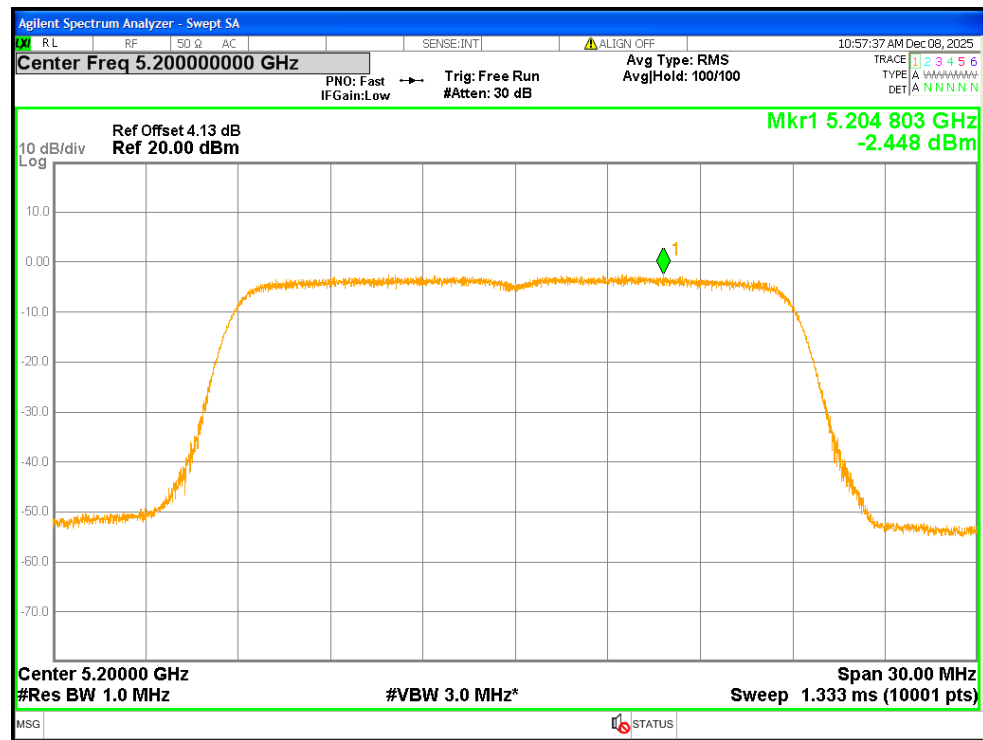


PSD NVNT n40 5230MHz Ant2

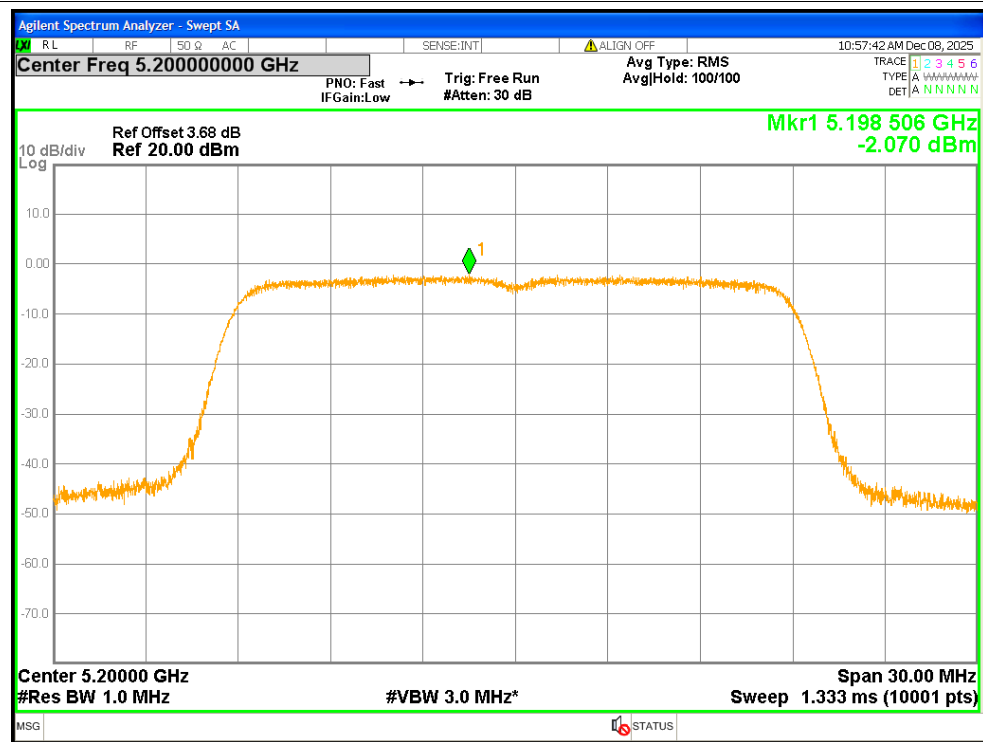


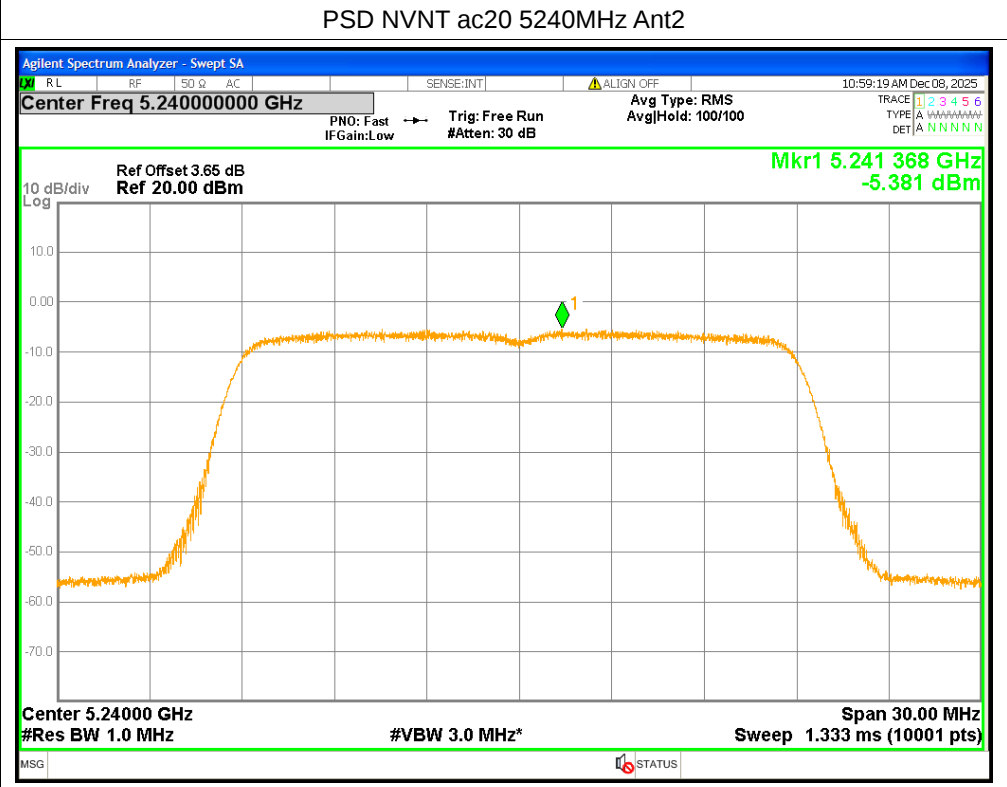
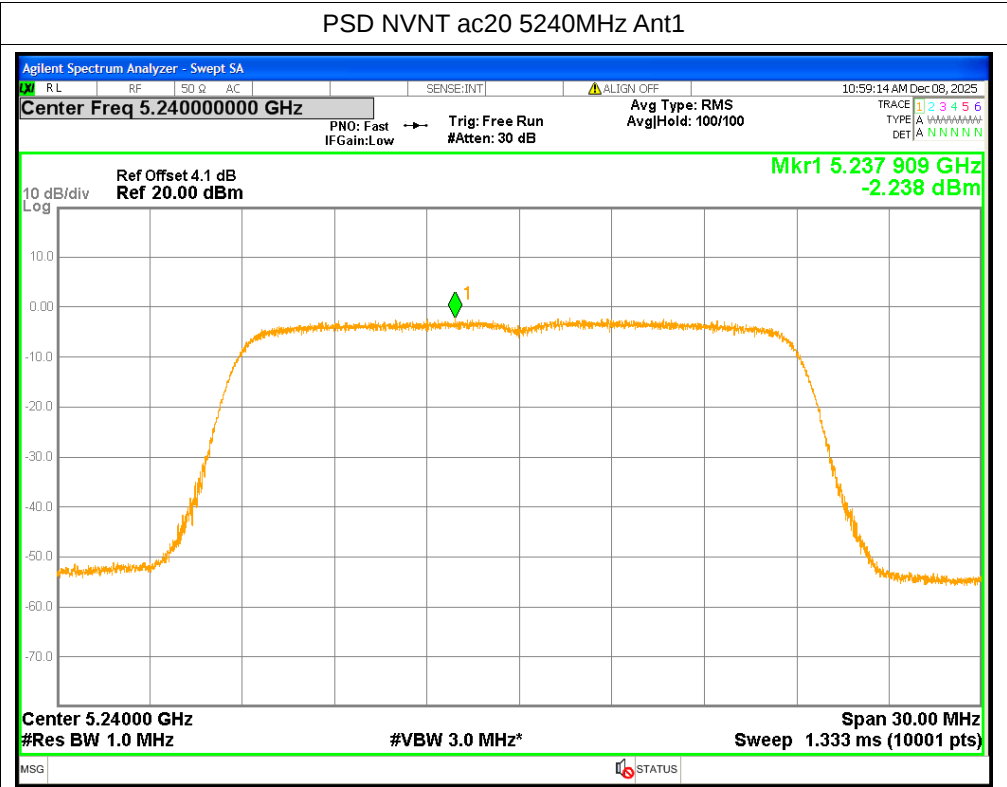


PSD NVNT ac20 5200MHz Ant1

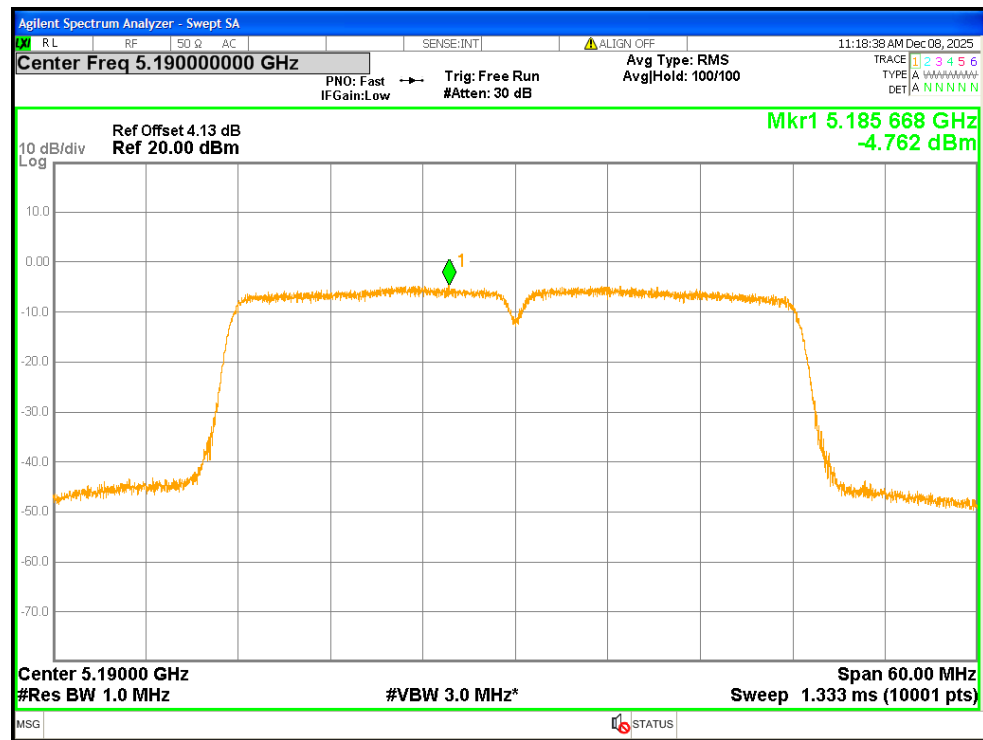


PSD NVNT ac20 5200MHz Ant2

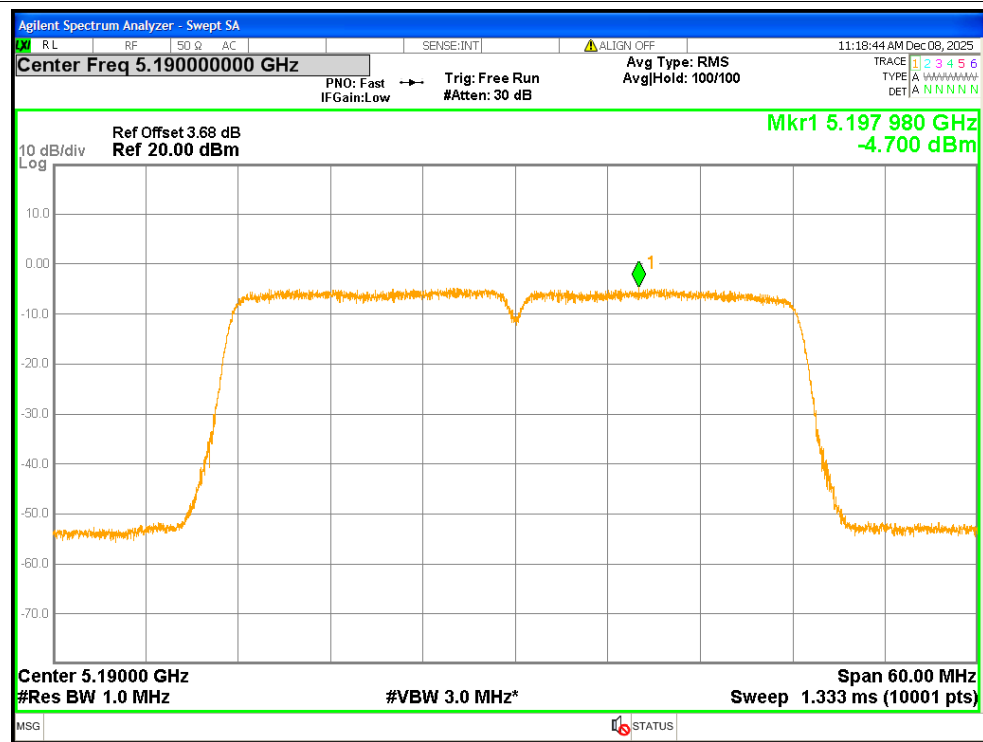




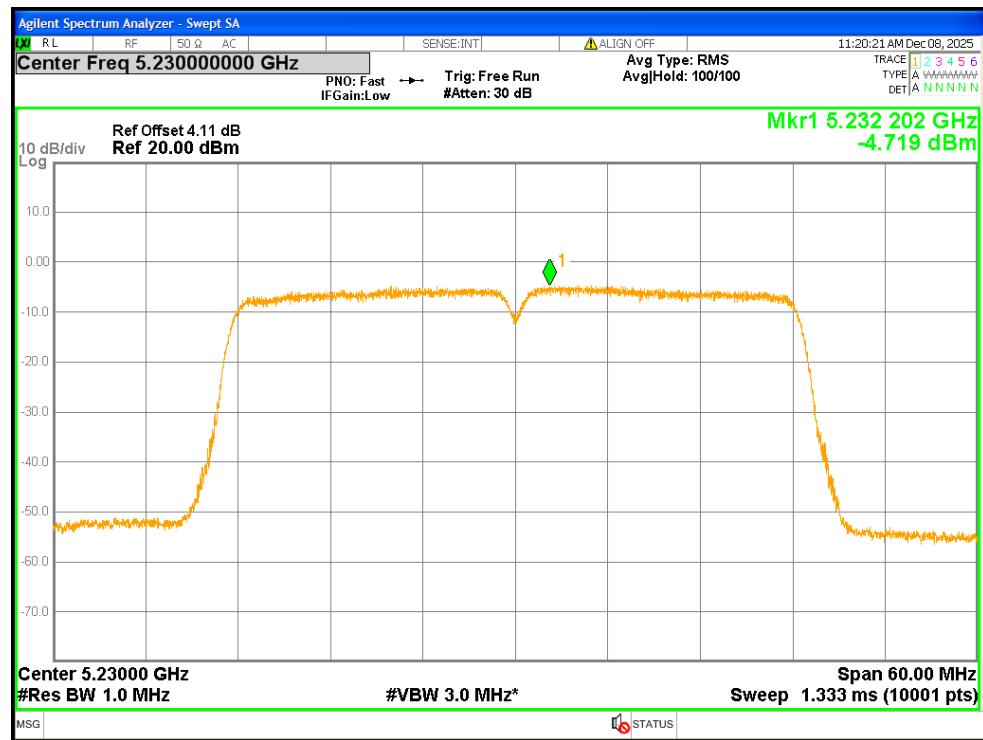
PSD NVNT ac40 5190MHz Ant1



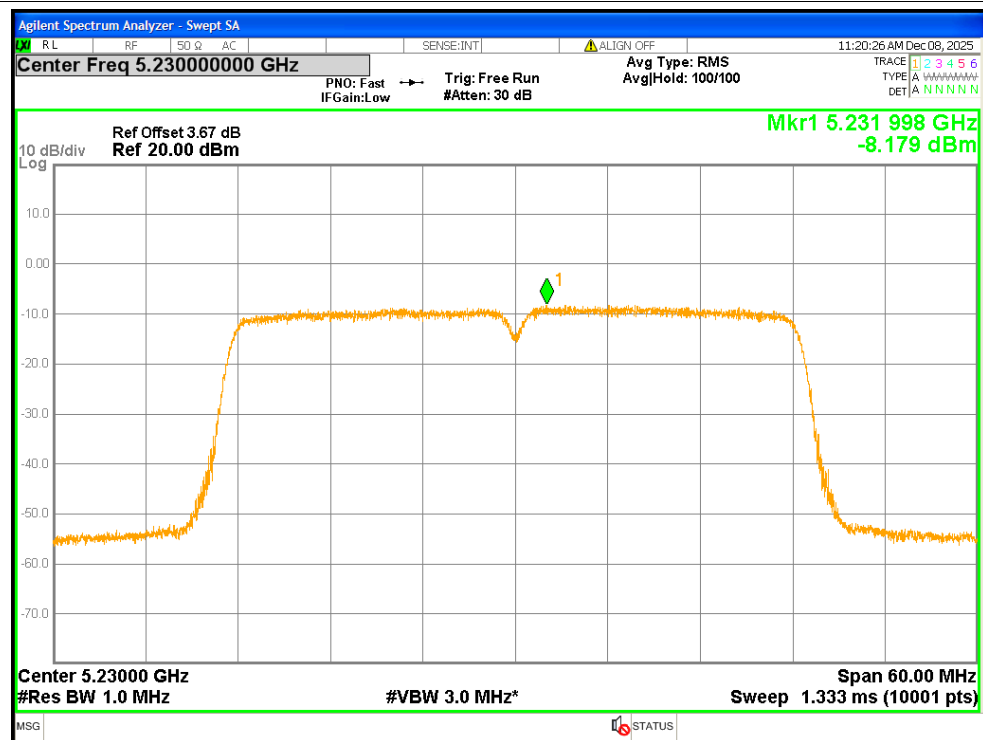
PSD NVNT ac40 5190MHz Ant2



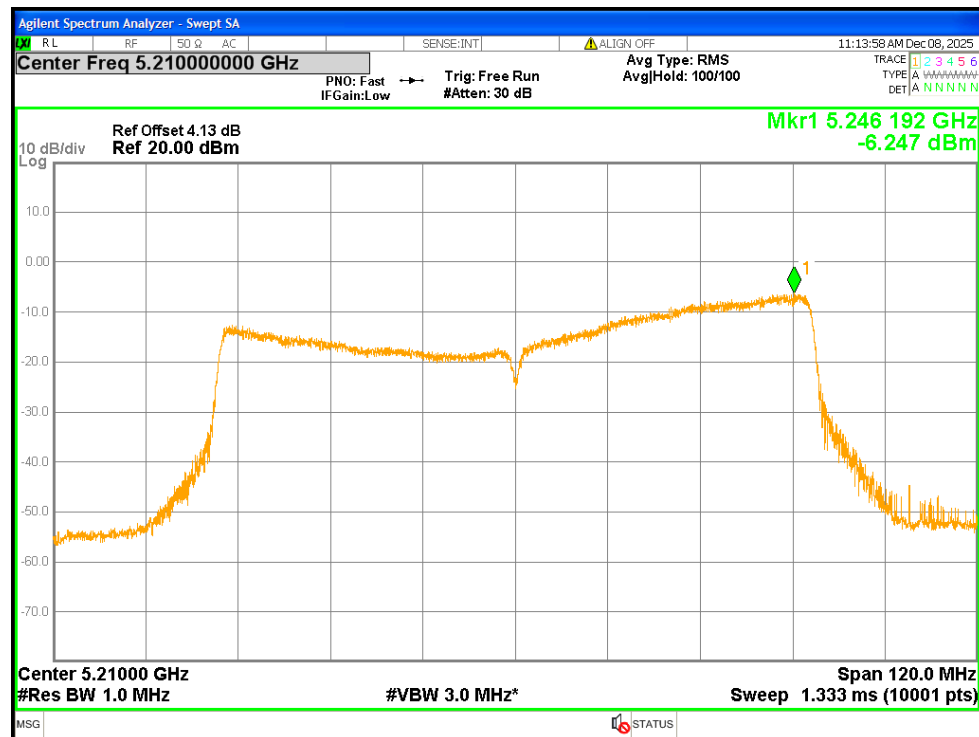
PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac40 5230MHz Ant2



PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5210MHz Ant2

