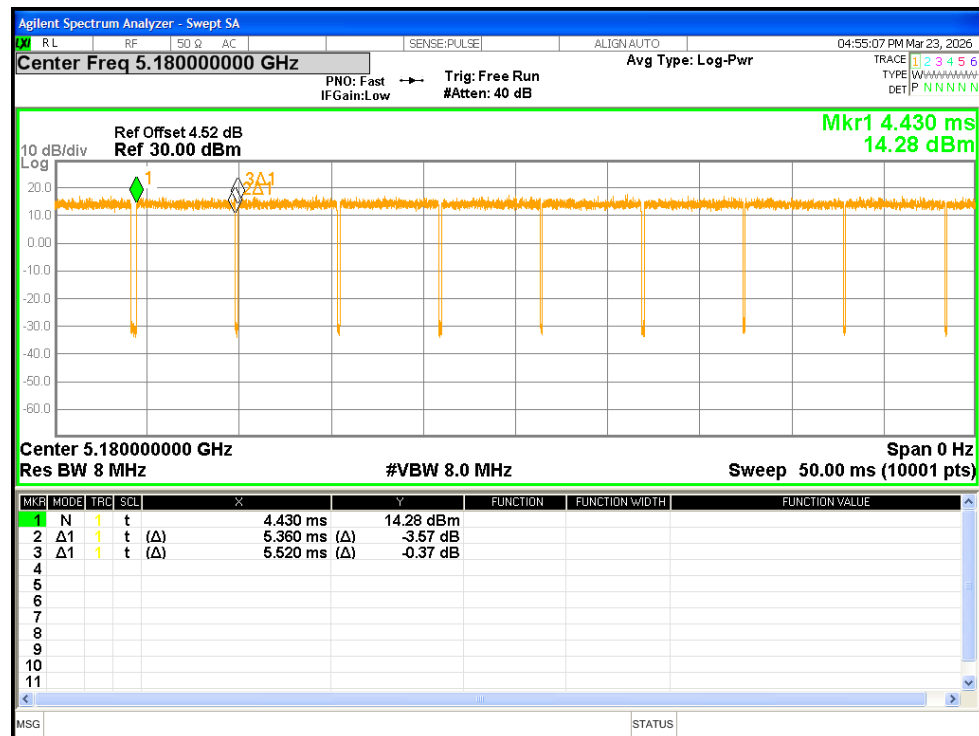


Duty Cycle

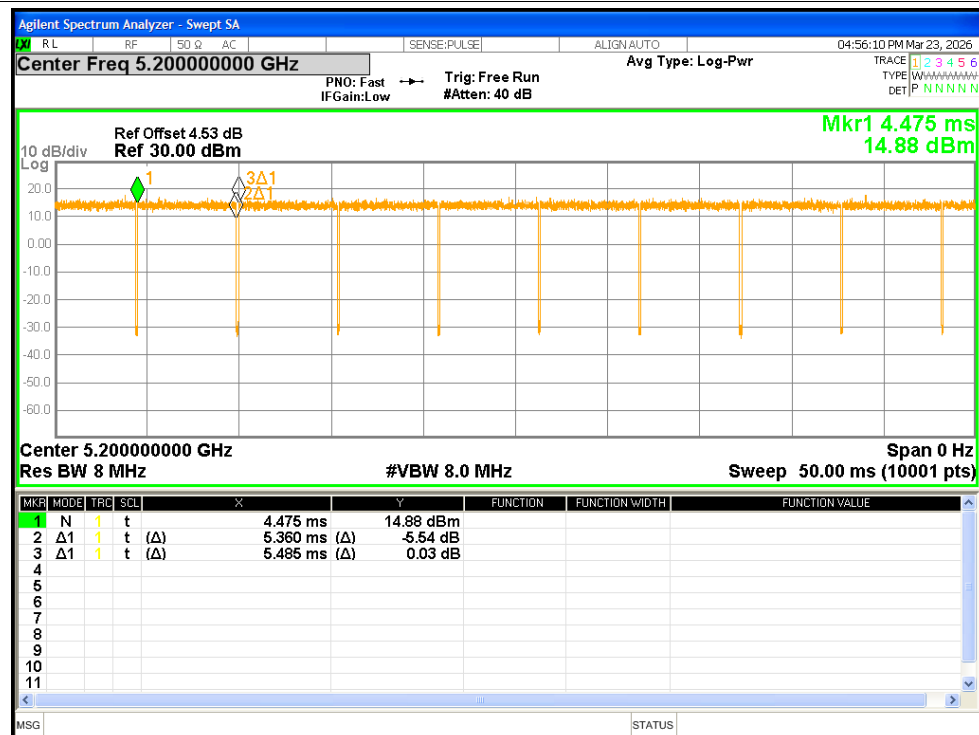
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5180	Ant1	5.36	5.52	97.1	0.13	0.19	0.19
NVNT	a	5200	Ant1	5.36	5.485	97.72	0.1	0.19	0.19
NVNT	a	5240	Ant1	5.36	5.525	97.01	0.13	0.19	0.19
NVNT	a	5180	Ant2	5.36	5.535	96.84	0.14	0.19	0.19
NVNT	a	5200	Ant2	5.36	5.51	97.28	0.12	0.19	0.19
NVNT	a	5240	Ant2	5.36	5.52	97.1	0.13	0.19	0.19
NVNT	n20	5180	MIMO	4.962	5.094	97.41	0.11	0.2	0.19
NVNT	n20	5200	MIMO	5.355	5.478	97.75	0.1	0.19	0.19
NVNT	n20	5240	MIMO	4.962	5.139	96.56	0.15	0.2	0.19
NVNT	n40	5190	MIMO	2.408	2.514	95.78	0.19	0.42	0.19
NVNT	n40	5230	MIMO	2.408	2.514	95.78	0.19	0.42	0.19
NVNT	ac20	5180	MIMO	4.962	5.067	97.93	0.09	0.2	0.19
NVNT	ac20	5200	MIMO	4.962	5.07	97.87	0.09	0.2	0.19
NVNT	ac20	5240	MIMO	4.962	5.103	97.24	0.12	0.2	0.19
NVNT	ac40	5190	MIMO	2.408	2.522	95.48	0.2	0.42	0.19
NVNT	ac40	5230	MIMO	2.41	2.516	95.79	0.19	0.41	0.19
NVNT	ac80	5210	MIMO	1.136	1.242	91.47	0.39	0.88	0.19

Test Graphs

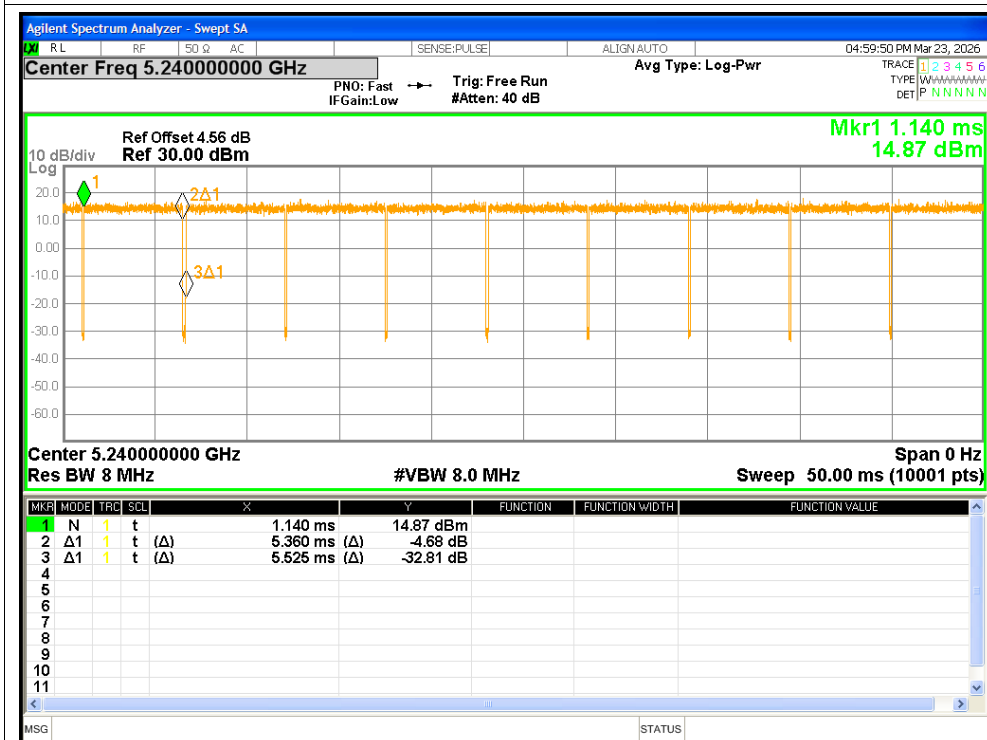
Duty Cycle NVNT a 5180MHz Ant1



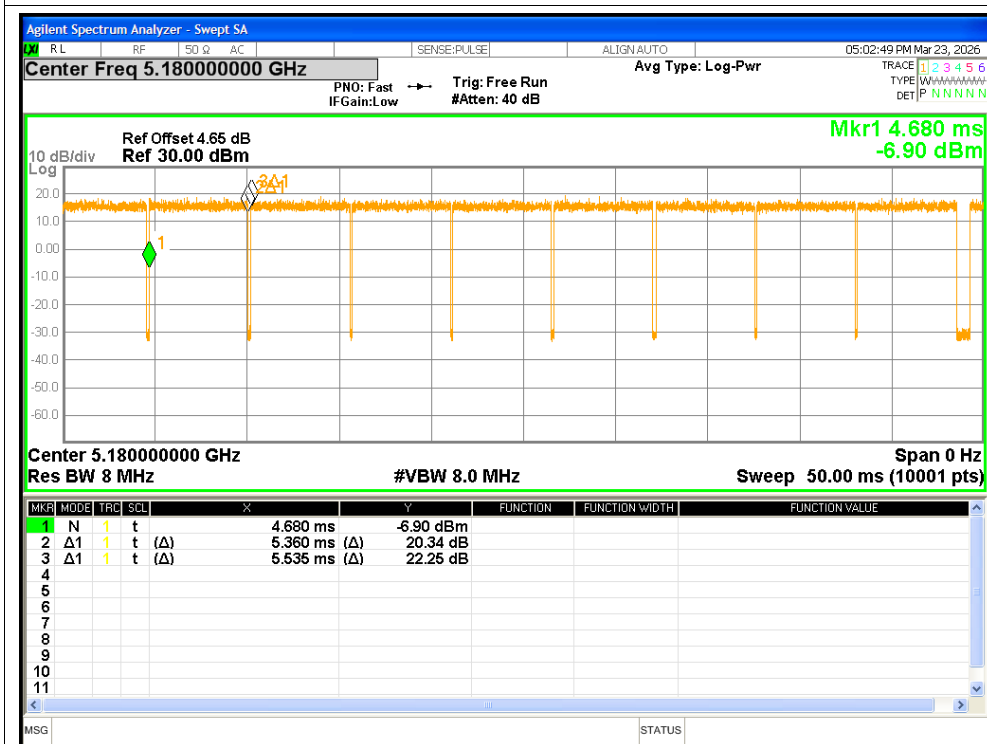
Duty Cycle NVNT a 5200MHz Ant1



Duty Cycle NVNT a 5240MHz Ant1

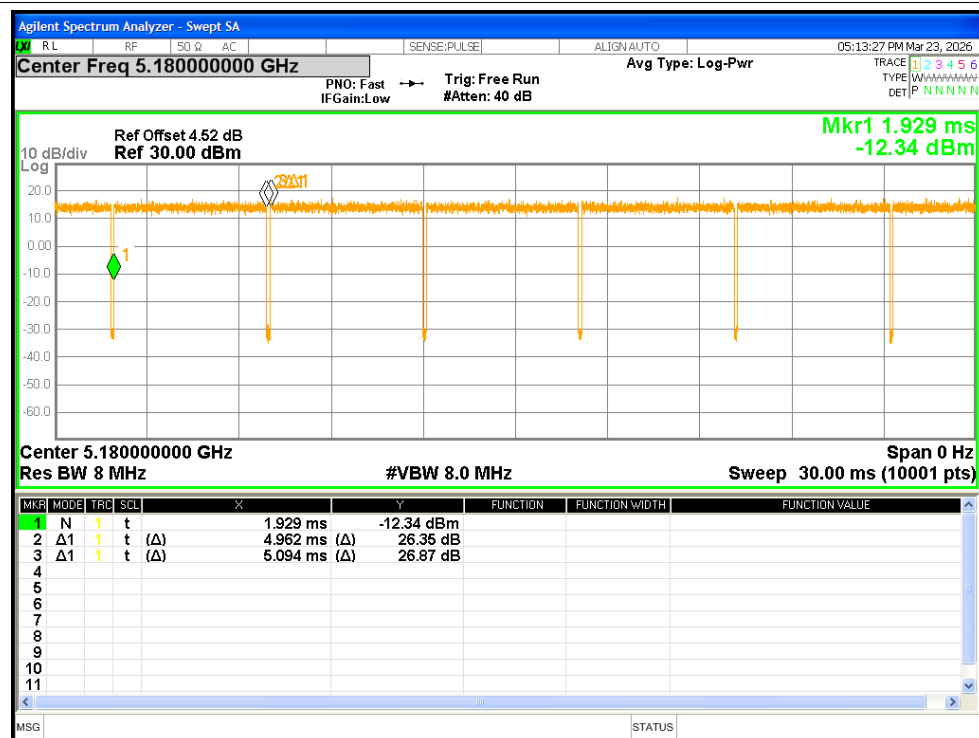


Duty Cycle NVNT a 5180MHz Ant2

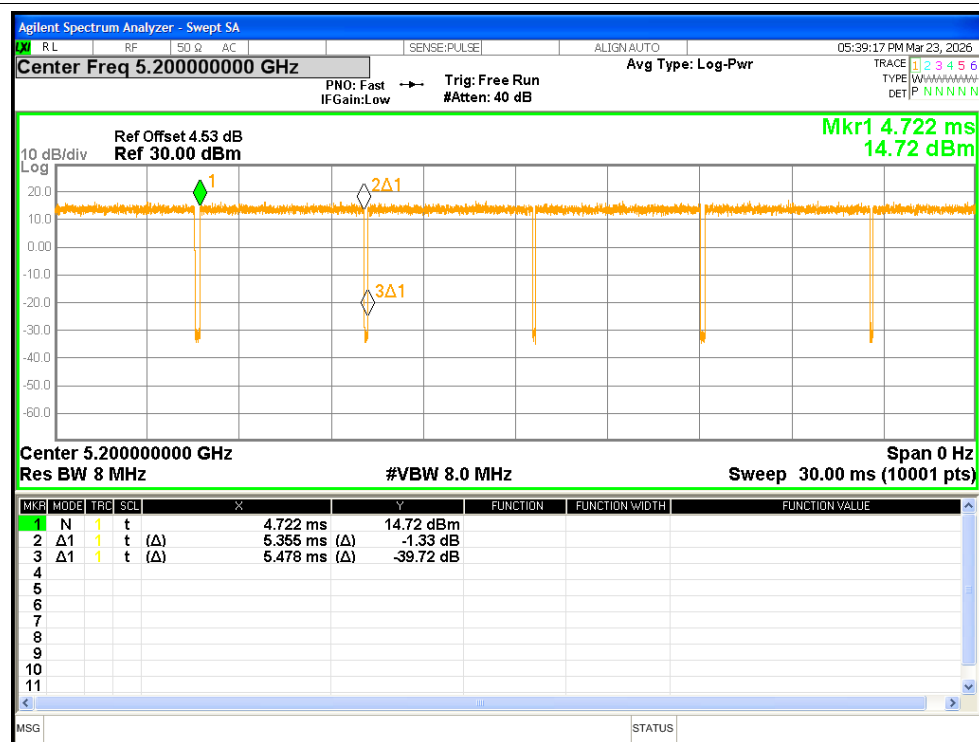


Duty Cycle NVNT a 5200MHz Ant2

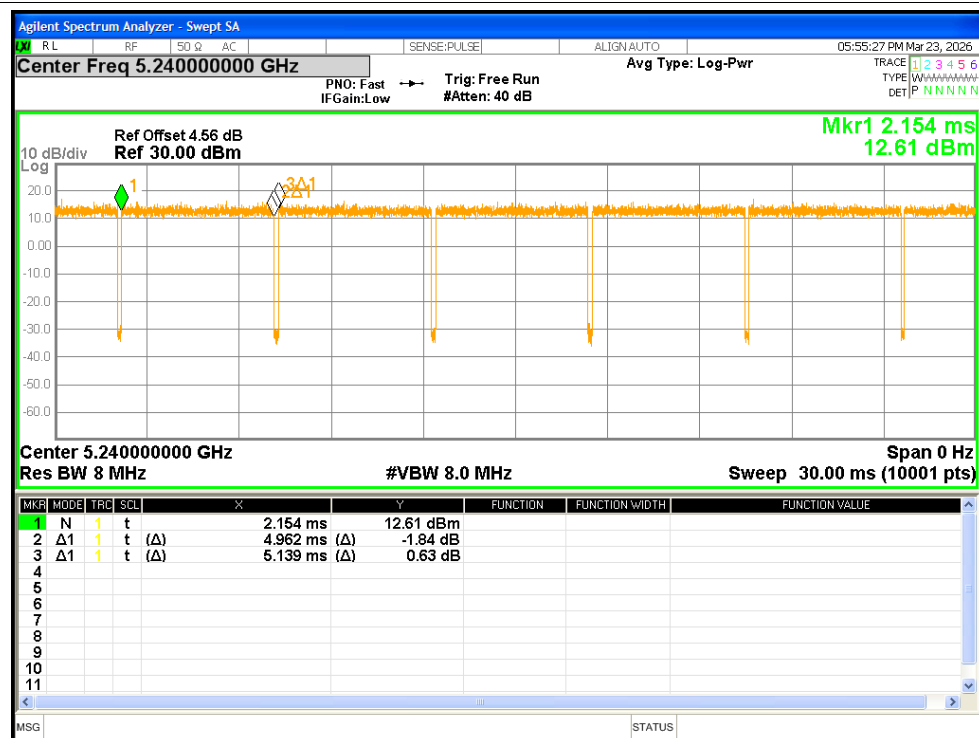
Duty Cycle NVNT n20 5180MHz MIMO



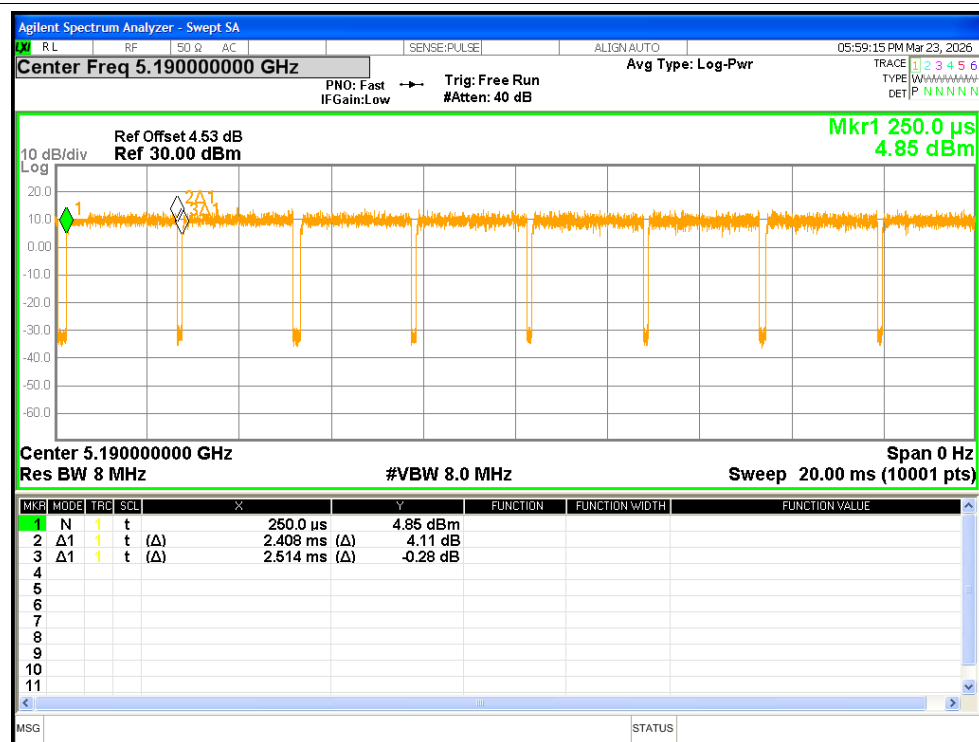
Duty Cycle NVNT n20 5200MHz MIMO



Duty Cycle NVNT n20 5240MHz MIMO



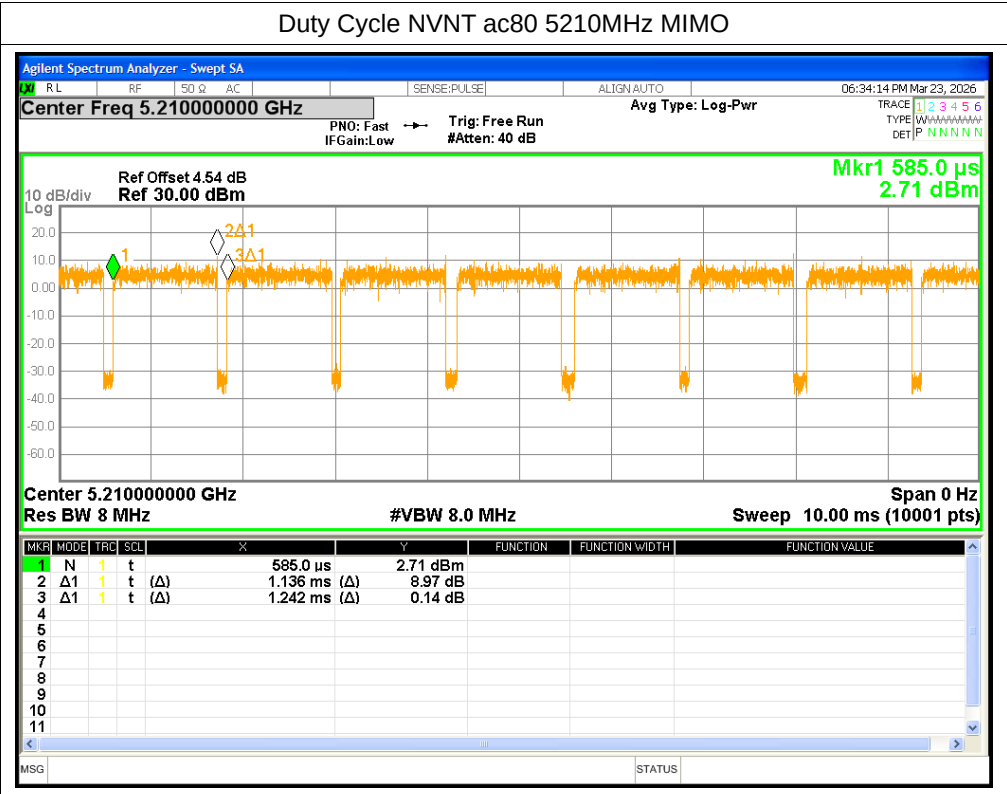
Duty Cycle NVNT n40 5190MHz MIMO



Duty Cycle NVNT n40 5230MHz MIMO

Duty Cycle NVNT ac20 5200MHz MIMO

Duty Cycle NVNT ac40 5190MHz MIMO

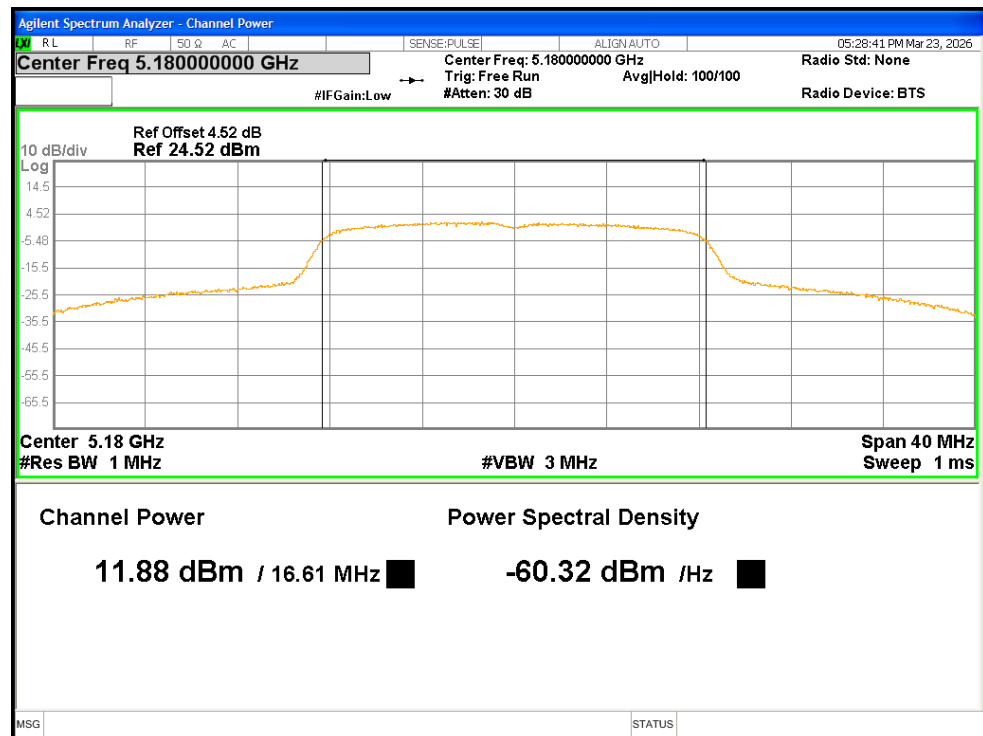


Maximum Conducted Output Power

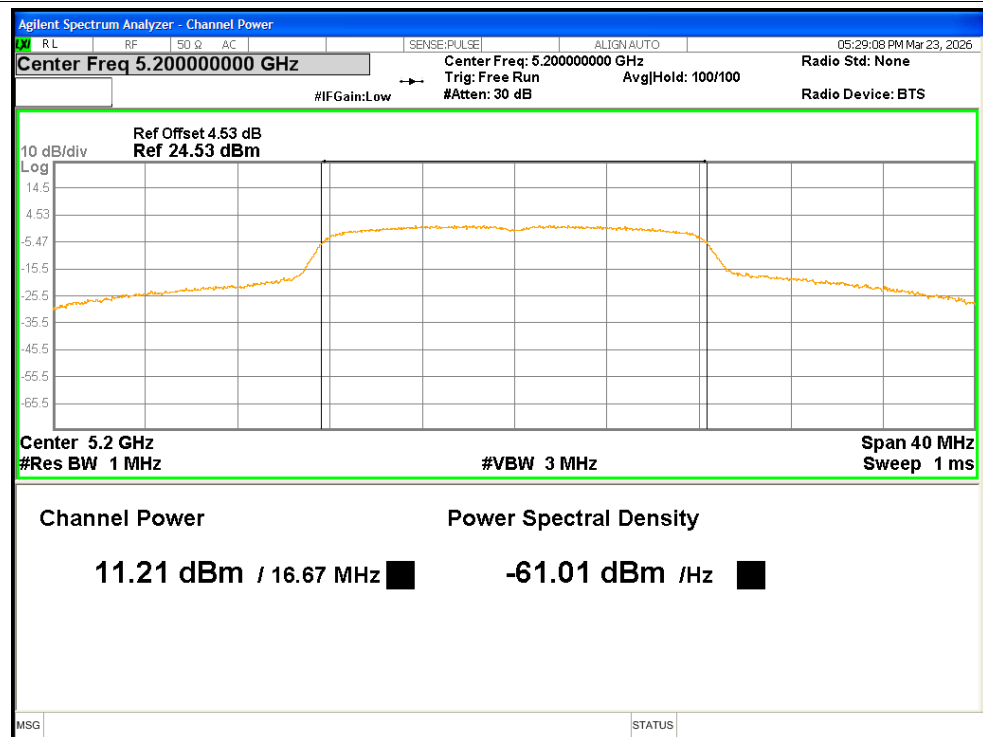
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.88	0.13	12.01	<=24	Pass
NVNT	a	5200	Ant1	11.21	0.1	11.31	<=24	Pass
NVNT	a	5240	Ant1	11.76	0.13	11.89	<=24	Pass
NVNT	a	5180	Ant2	11.23	0.14	11.37	<=24	Pass
NVNT	a	5200	Ant2	11.71	0.12	11.83	<=24	Pass
NVNT	a	5240	Ant2	12.09	0.13	12.22	<=24	Pass
NVNT	n20	5180	Ant1	12.16	0.11	12.27	<=24	Pass
NVNT	n20	5180	Ant2	12.66	0.11	12.77	<=24	Pass
NVNT	n20	5180	MIMO	-	-	15.54	<=24	Pass
NVNT	n20	5200	Ant1	11.44	0.1	11.54	<=24	Pass
NVNT	n20	5200	Ant2	12.78	0.1	12.88	<=24	Pass
NVNT	n20	5200	MIMO	-	-	15.27	<=24	Pass
NVNT	n20	5240	Ant1	12.01	0.15	12.16	<=24	Pass
NVNT	n20	5240	Ant2	13.55	0.15	13.7	<=24	Pass
NVNT	n20	5240	MIMO	-	-	16.01	<=24	Pass
NVNT	n40	5190	Ant1	11.65	0.19	11.84	<=24	Pass
NVNT	n40	5190	Ant2	11.8	0.19	11.99	<=24	Pass
NVNT	n40	5190	MIMO	-	-	14.93	<=24	Pass
NVNT	n40	5230	Ant1	11.42	0.19	11.61	<=24	Pass
NVNT	n40	5230	Ant2	12.91	0.19	13.1	<=24	Pass
NVNT	n40	5230	MIMO	-	-	15.43	<=24	Pass
NVNT	ac20	5180	Ant1	11.07	0.09	11.16	<=24	Pass
NVNT	ac20	5180	Ant2	11.45	0.09	11.54	<=24	Pass
NVNT	ac20	5180	MIMO	-	-	14.36	<=24	Pass
NVNT	ac20	5200	Ant1	10.57	0.09	10.66	<=24	Pass
NVNT	ac20	5200	Ant2	11.92	0.09	12.01	<=24	Pass
NVNT	ac20	5200	MIMO	-	-	14.4	<=24	Pass
NVNT	ac20	5240	Ant1	11.22	0.12	11.34	<=24	Pass
NVNT	ac20	5240	Ant2	12.68	0.12	12.8	<=24	Pass
NVNT	ac20	5240	MIMO	-	-	15.14	<=24	Pass
NVNT	ac40	5190	Ant1	11.68	0.2	11.88	<=24	Pass
NVNT	ac40	5190	Ant2	11.94	0.2	12.14	<=24	Pass
NVNT	ac40	5190	MIMO	-	-	15.02	<=24	Pass
NVNT	ac40	5230	Ant1	11.61	0.19	11.8	<=24	Pass
NVNT	ac40	5230	Ant2	12.84	0.19	13.03	<=24	Pass
NVNT	ac40	5230	MIMO	-	-	15.47	<=24	Pass
NVNT	ac80	5210	Ant1	10.91	0.39	11.3	<=24	Pass
NVNT	ac80	5210	Ant2	12.02	0.39	12.41	<=24	Pass
NVNT	ac80	5210	MIMO	-	-	14.9	<=24	Pass

Test Graphs

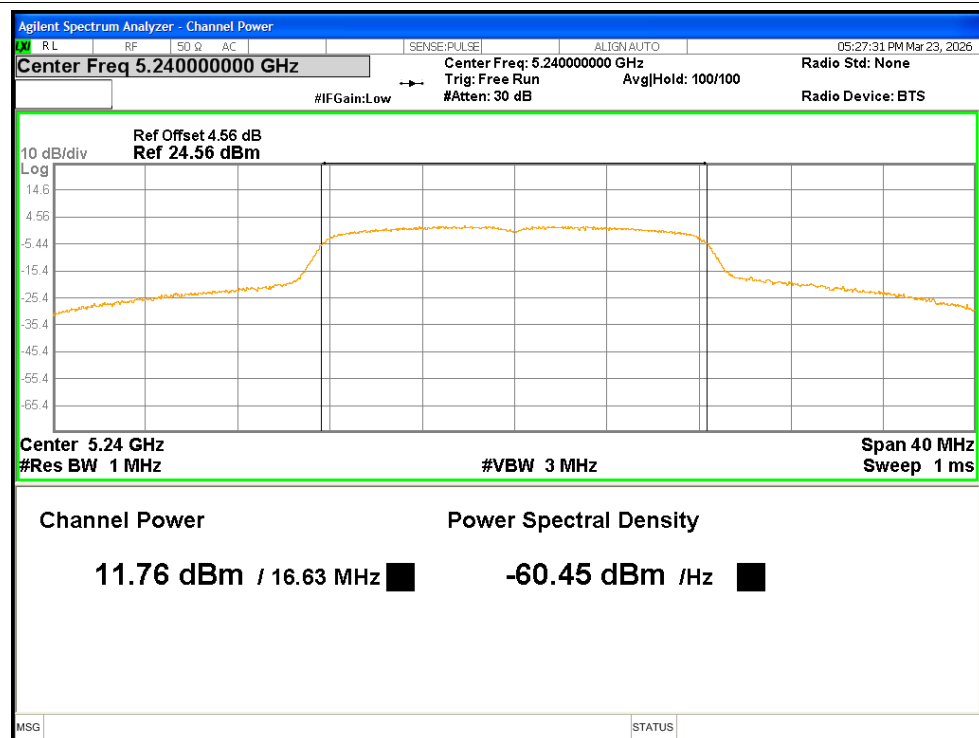
Power NVNT a 5180MHz Ant1



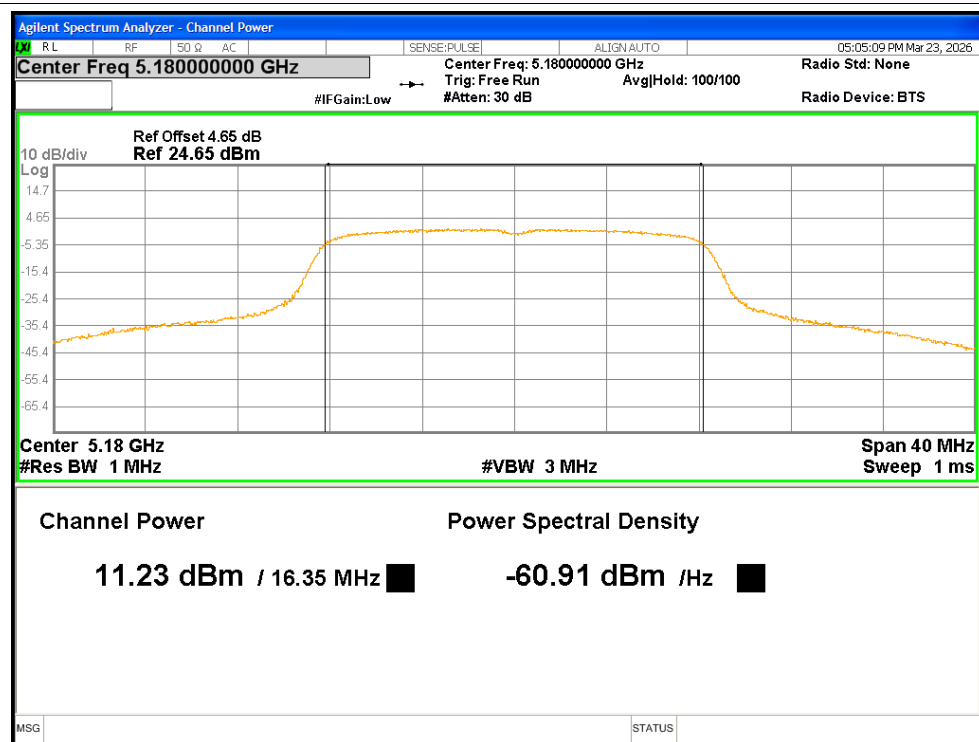
Power NVNT a 5200MHz Ant1



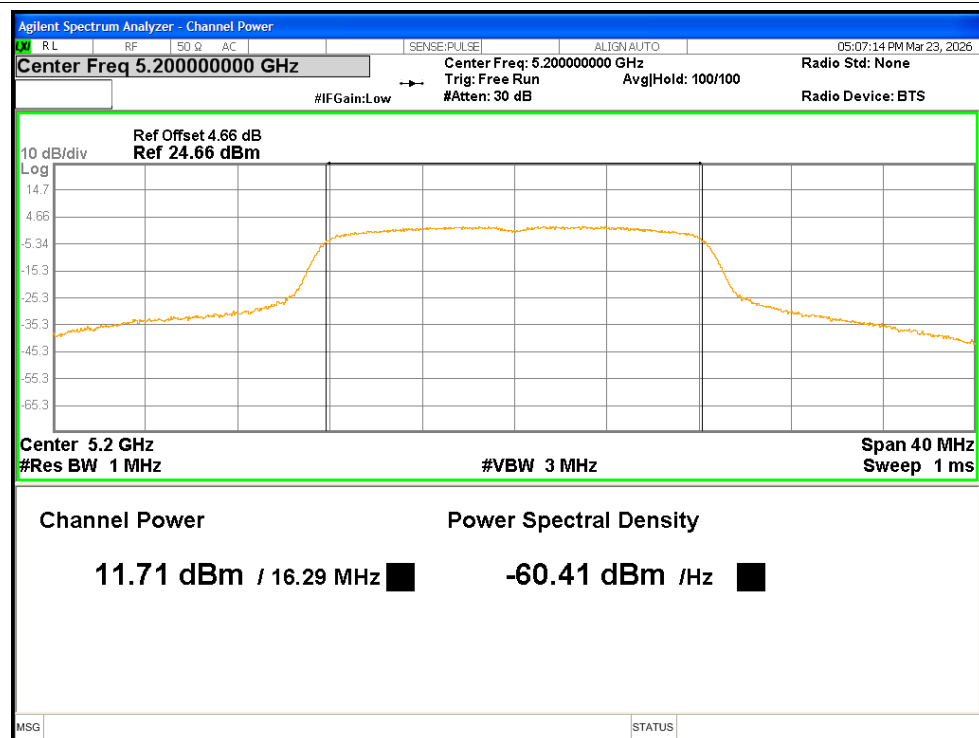
Power NVNT a 5240MHz Ant1



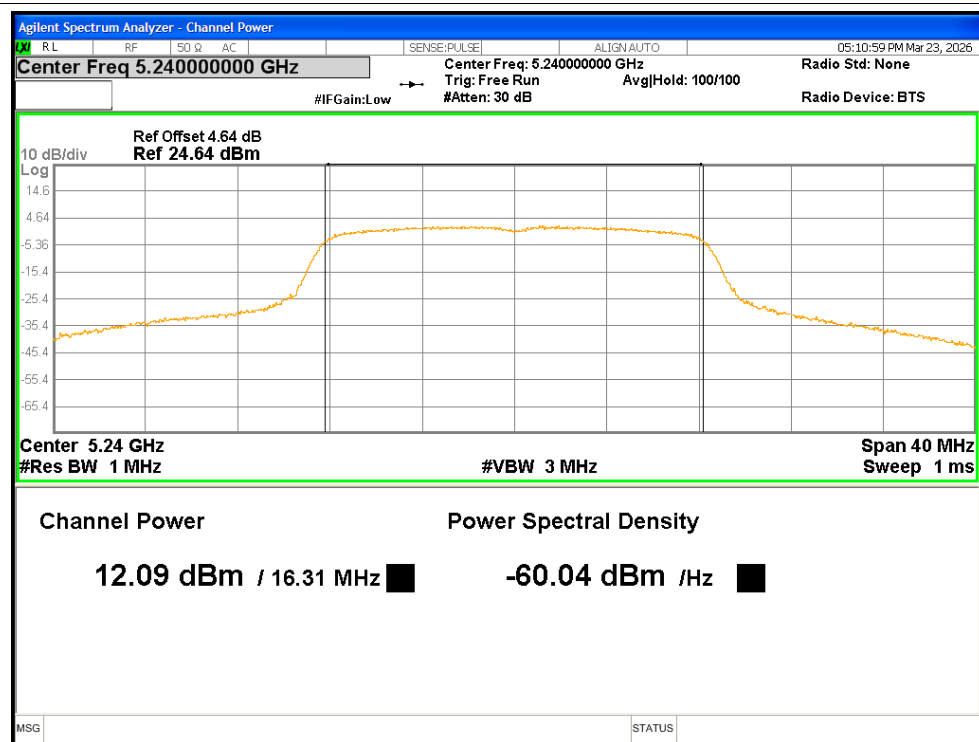
Power NVNT a 5180MHz Ant2



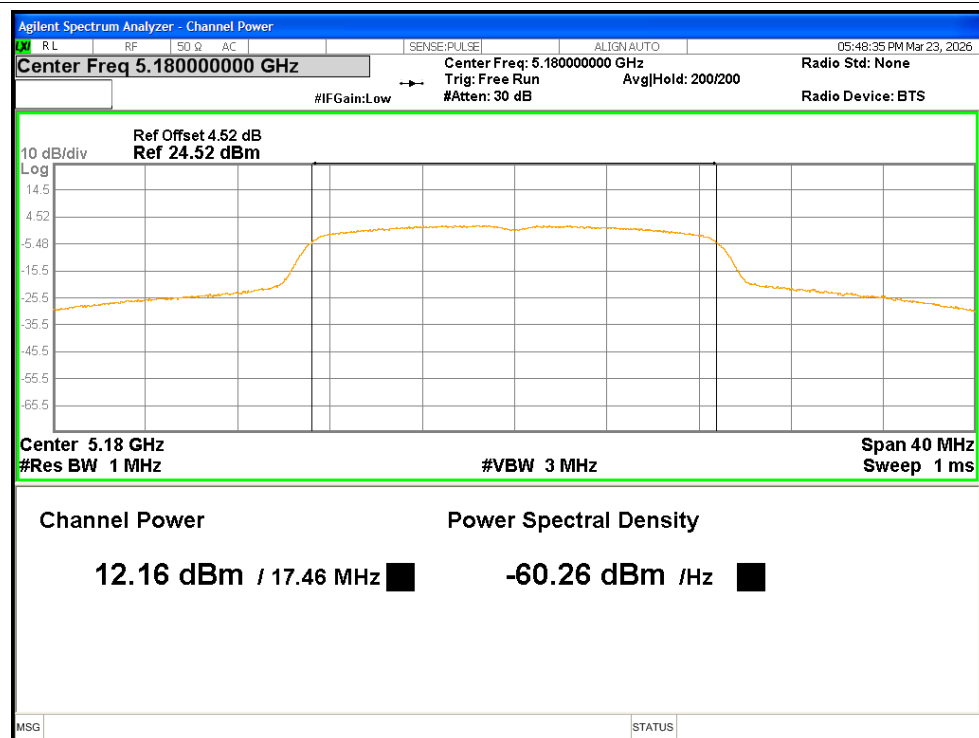
Power NVNT a 5200MHz Ant2



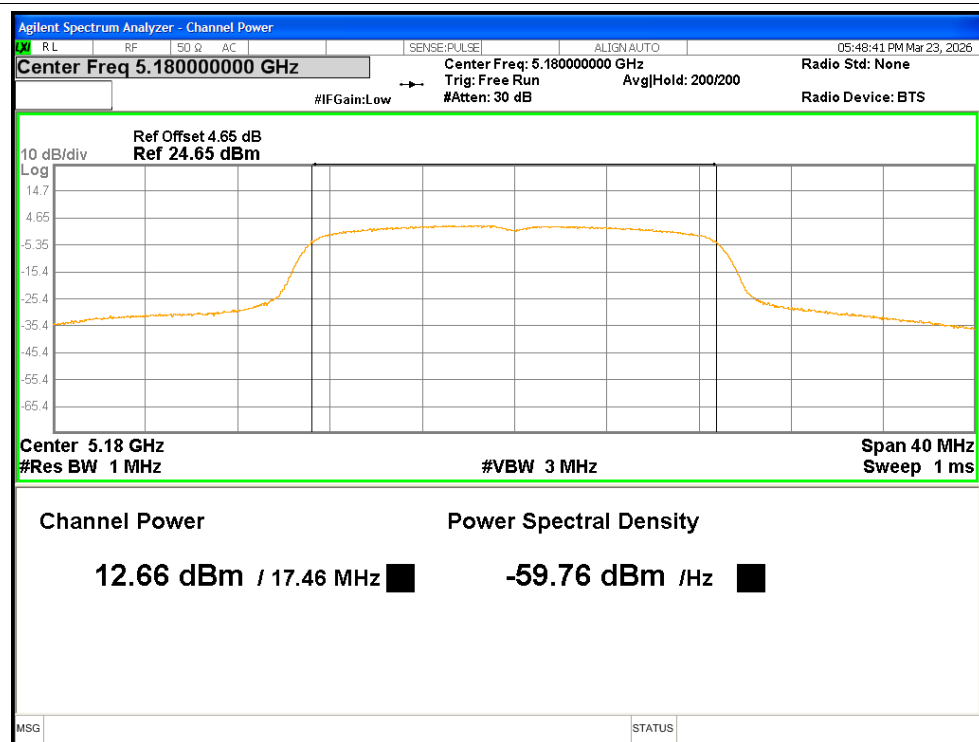
Power NVNT a 5240MHz Ant2



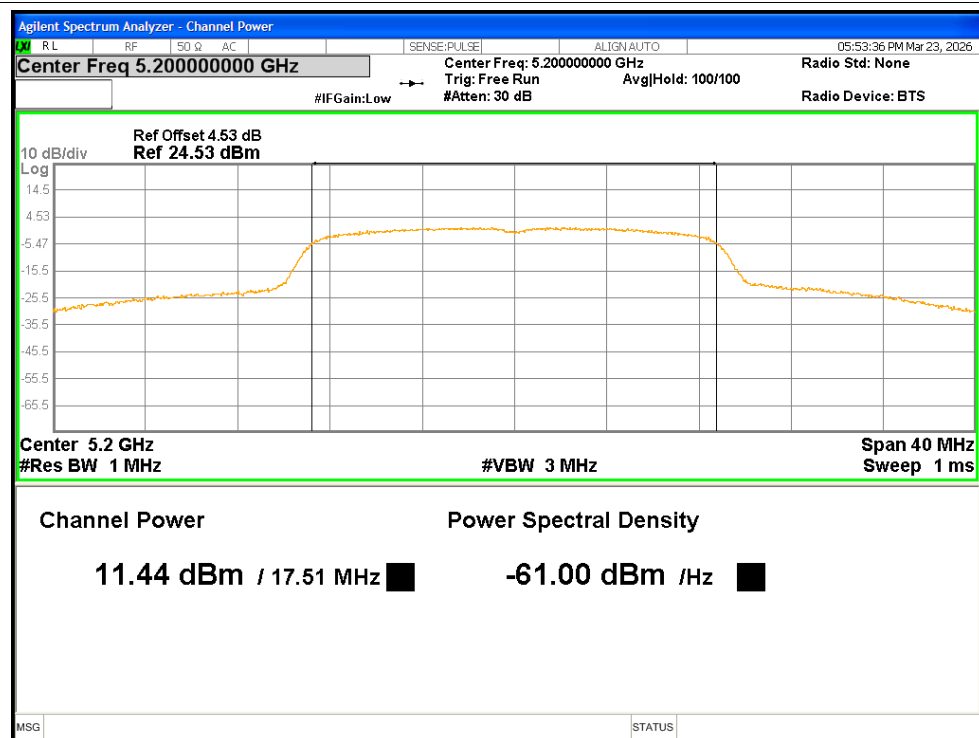
Power NVNT n20 5180MHz Ant1



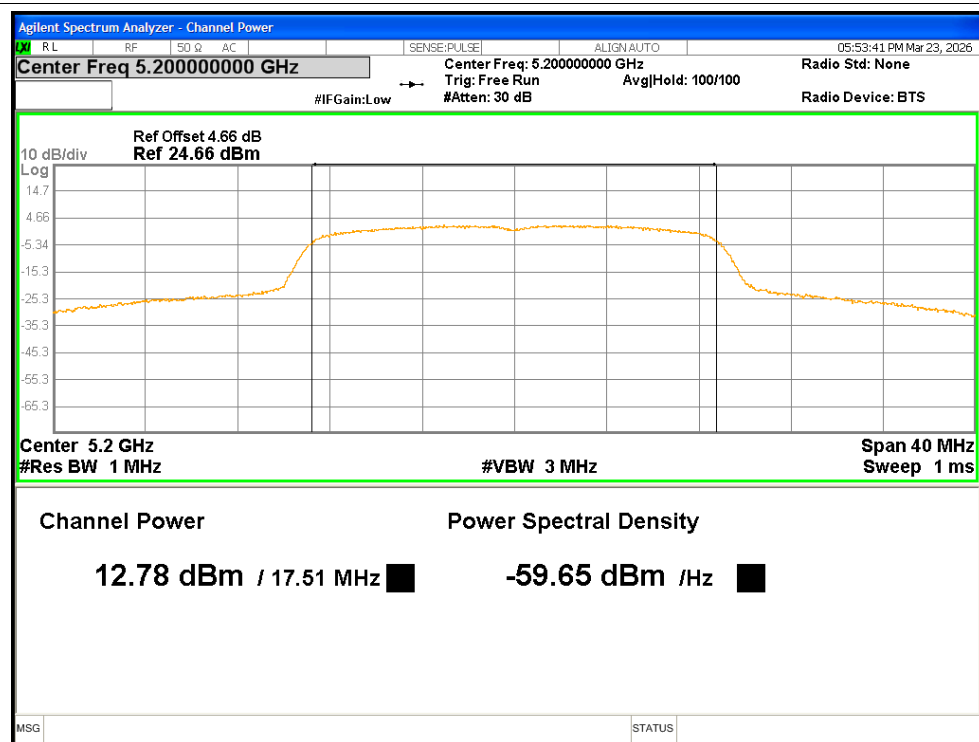
Power NVNT n20 5180MHz Ant2



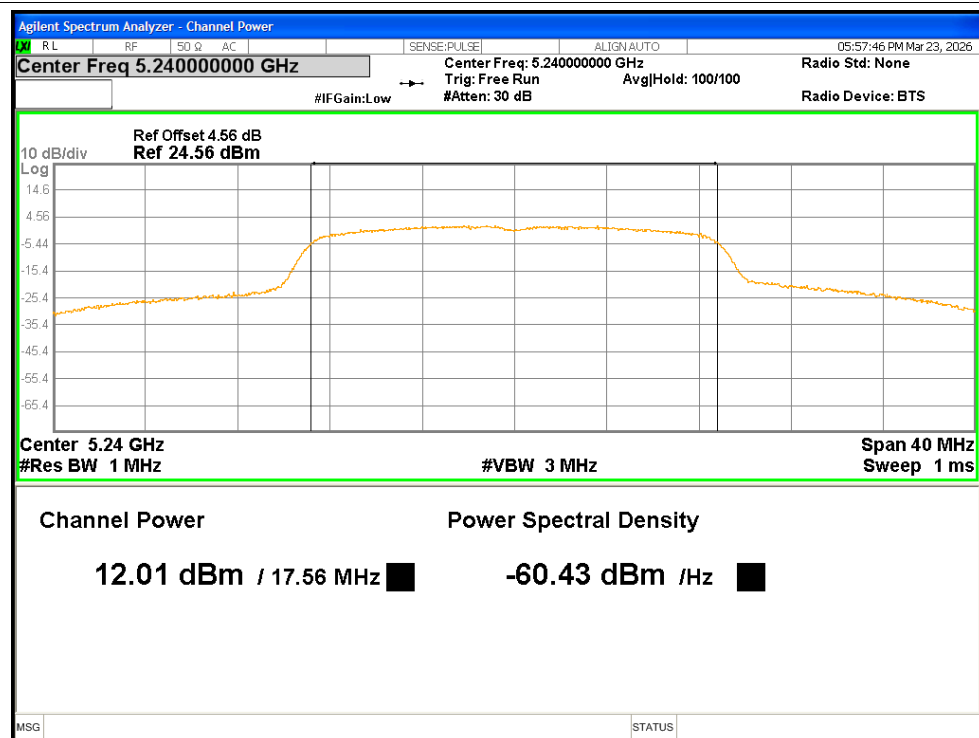
Power NVNT n20 5200MHz Ant1



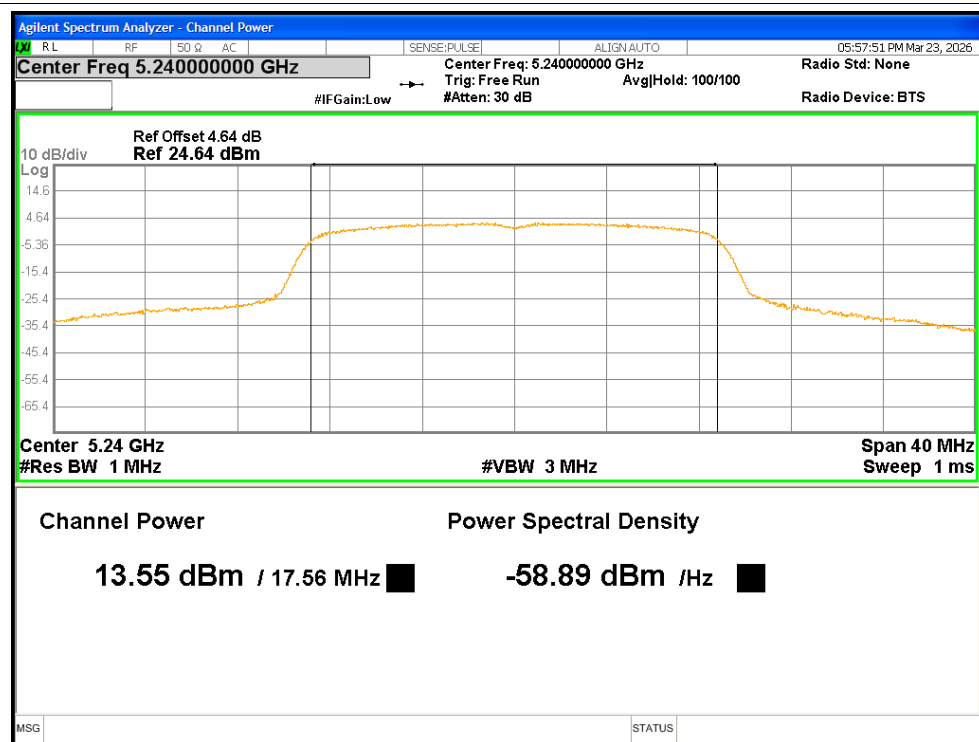
Power NVNT n20 5200MHz Ant2



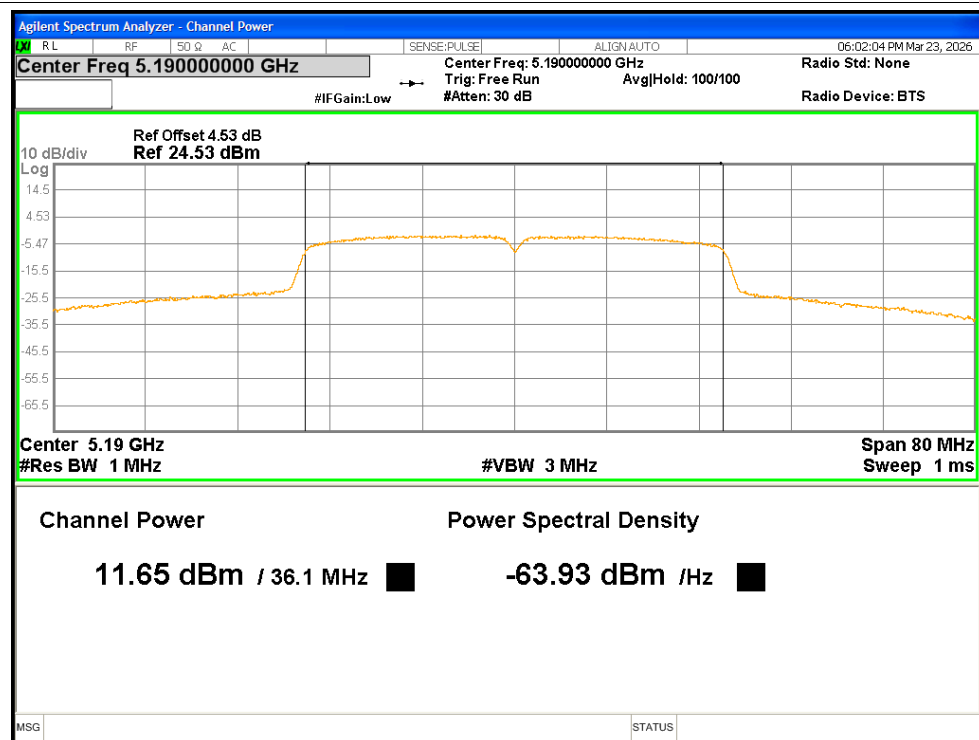
Power NVNT n20 5240MHz Ant1



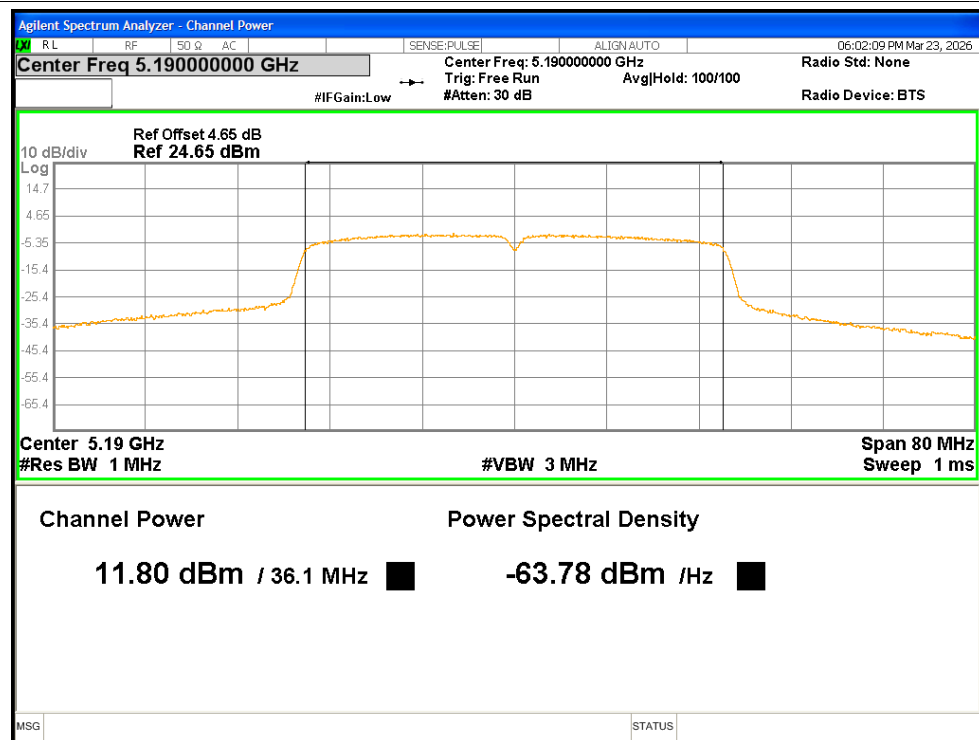
Power NVNT n20 5240MHz Ant2



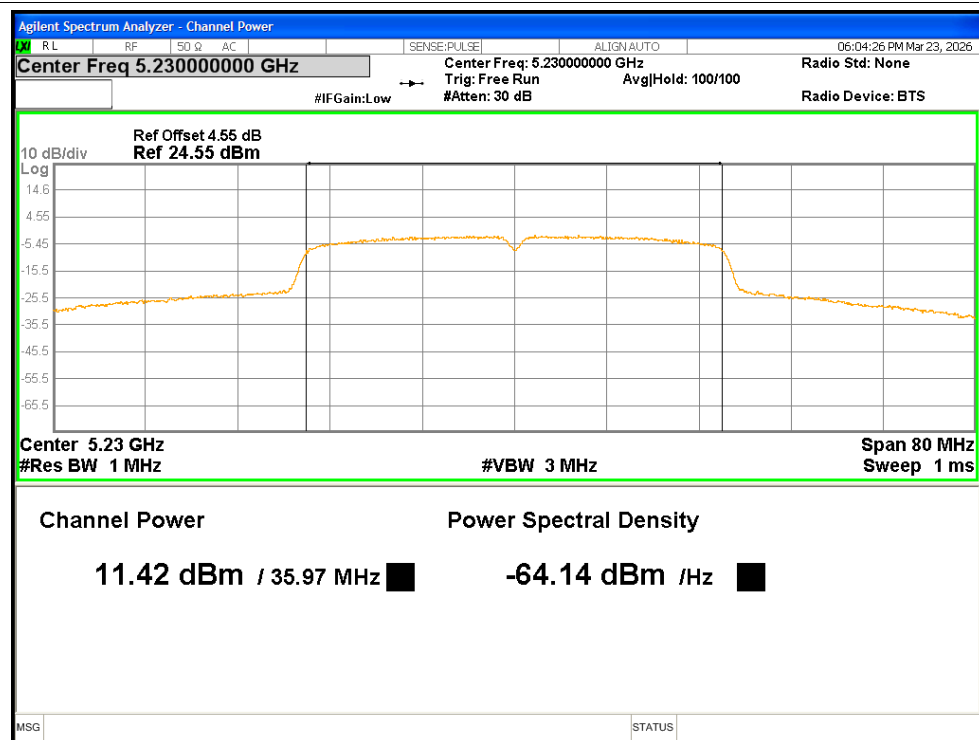
Power NVNT n40 5190MHz Ant1



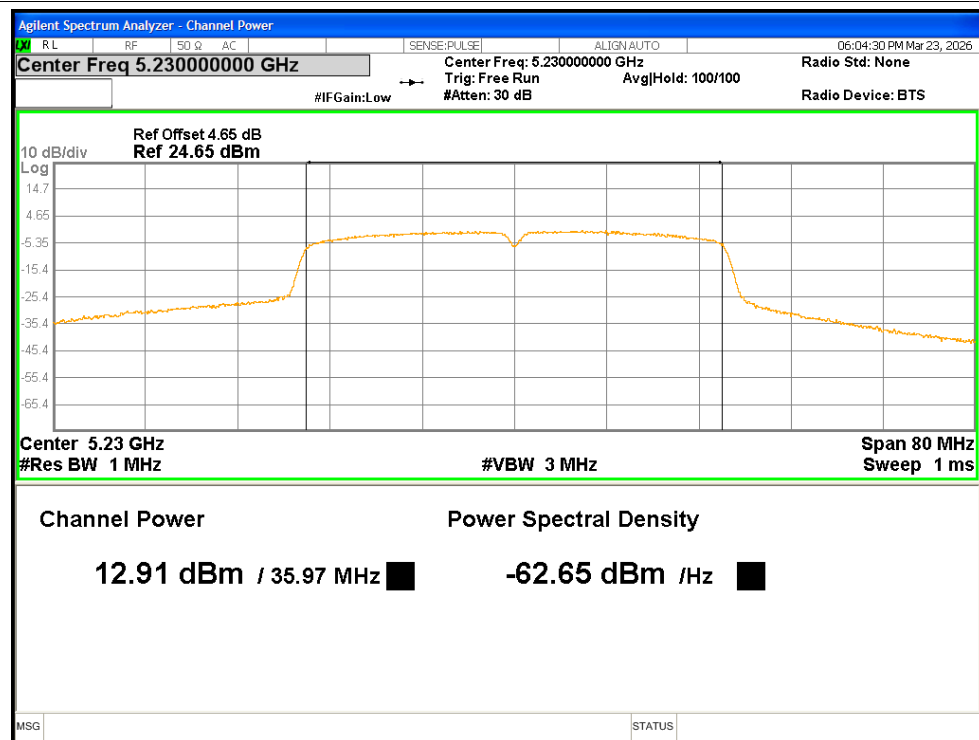
Power NVNT n40 5190MHz Ant2



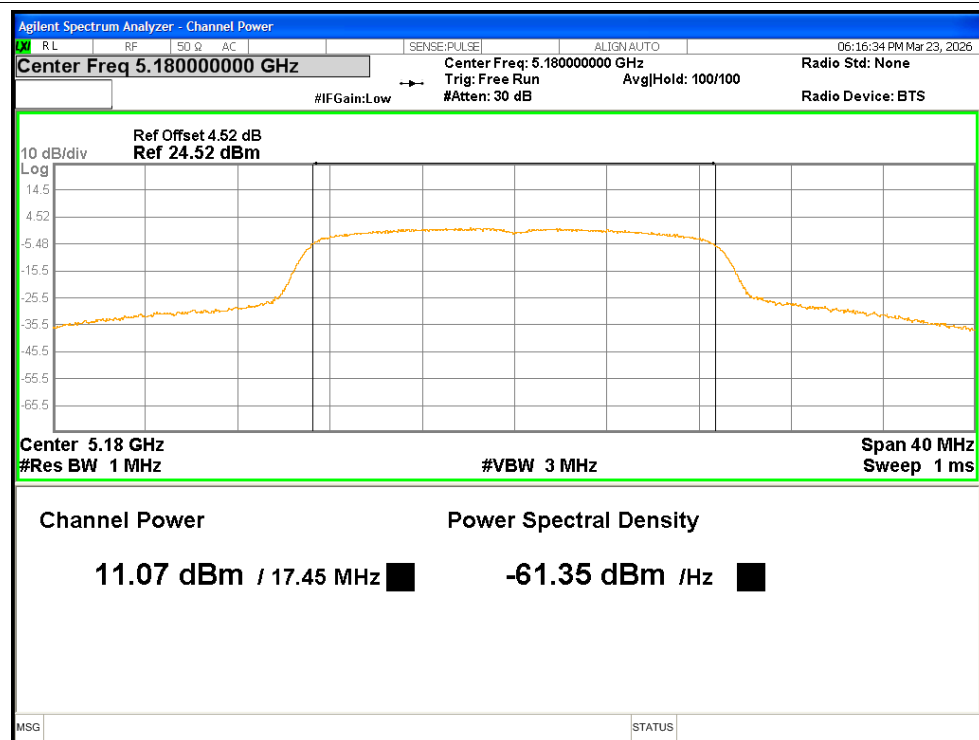
Power NVNT n40 5230MHz Ant1



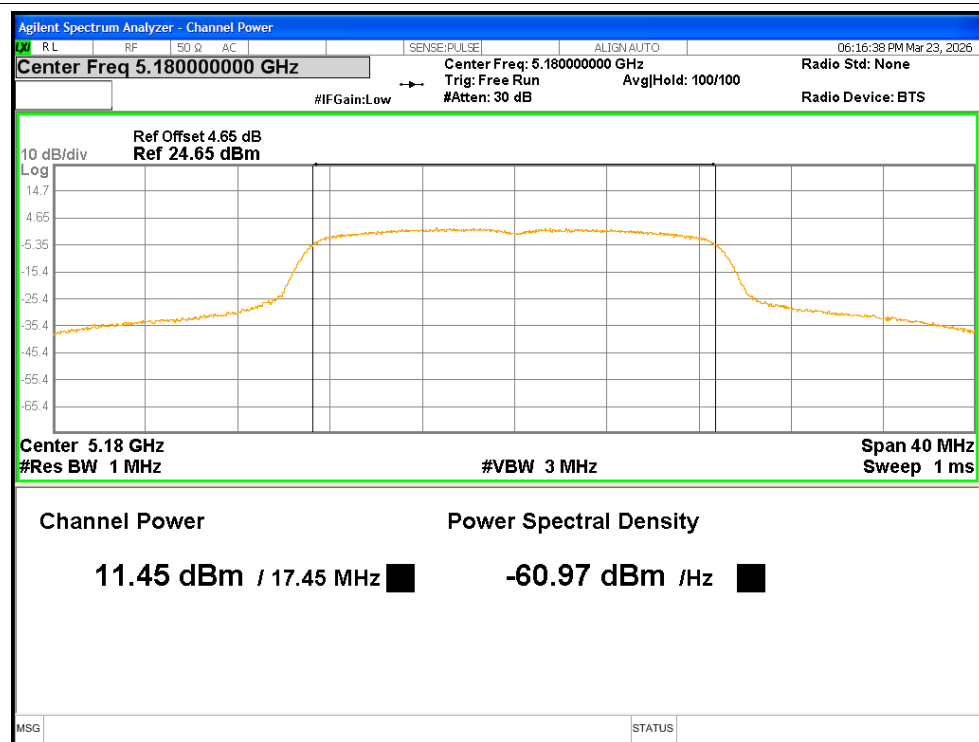
Power NVNT n40 5230MHz Ant2



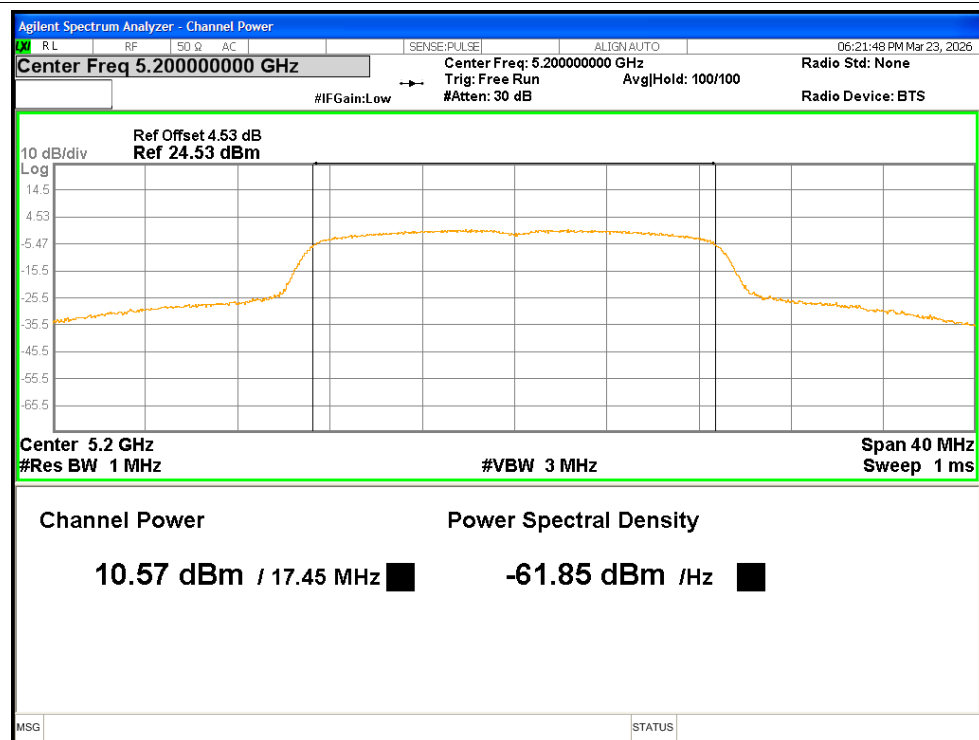
Power NVNT ac20 5180MHz Ant1



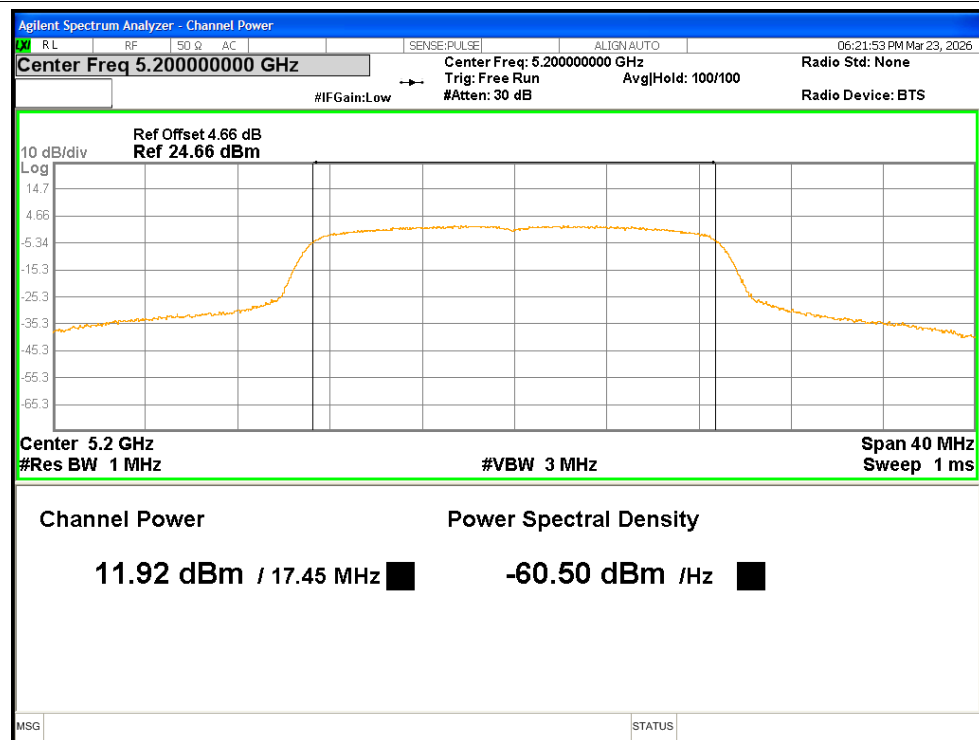
Power NVNT ac20 5180MHz Ant2



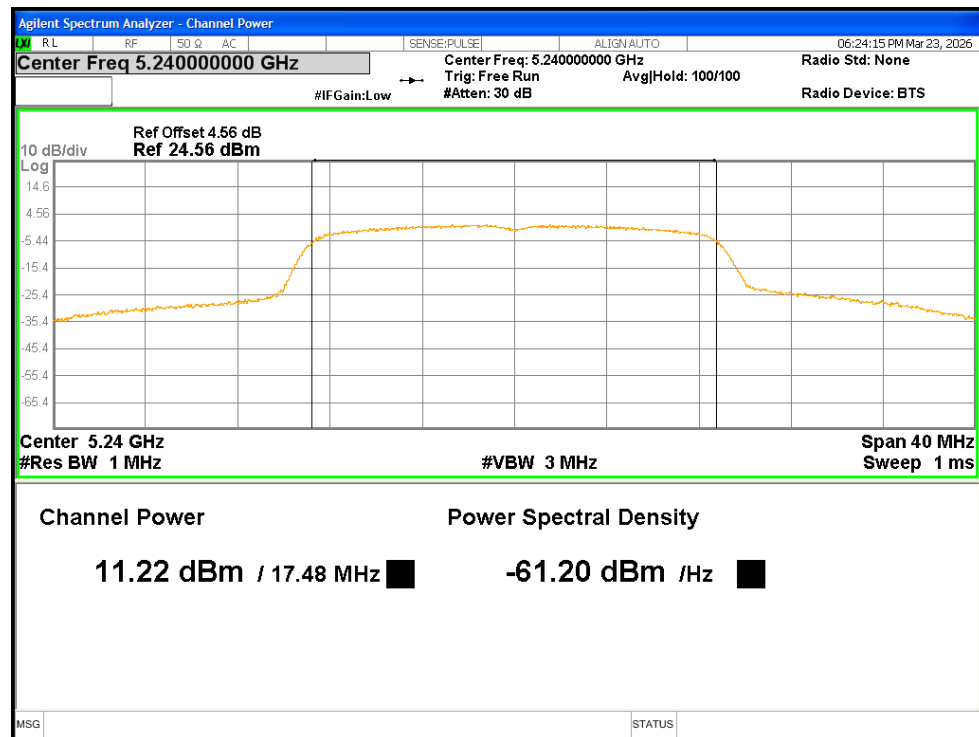
Power NVNT ac20 5200MHz Ant1



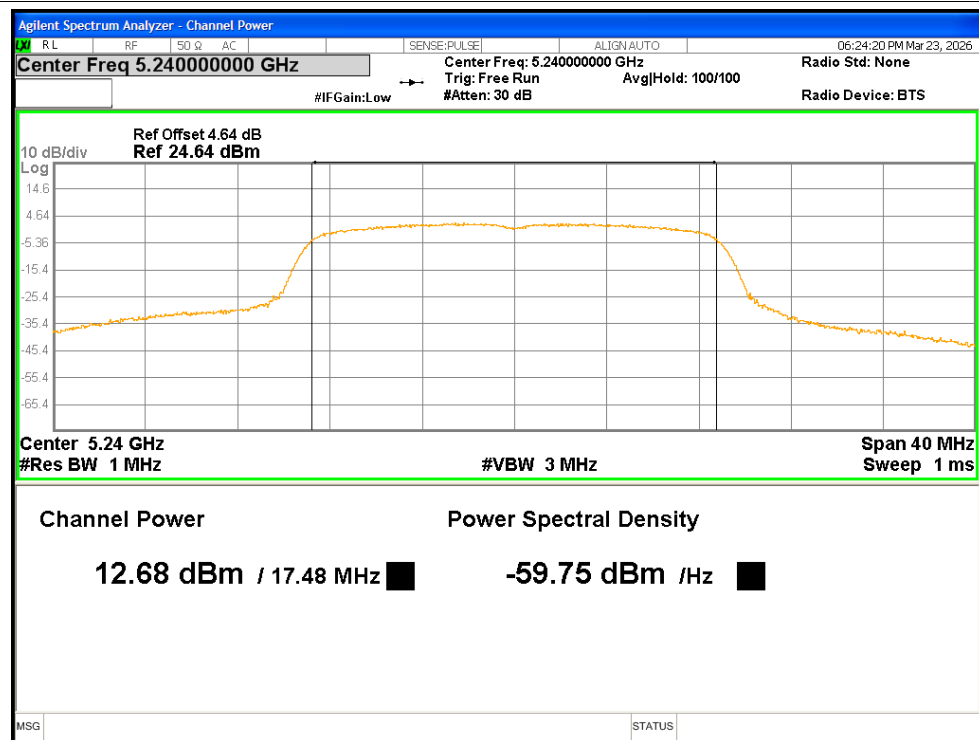
Power NVNT ac20 5200MHz Ant2



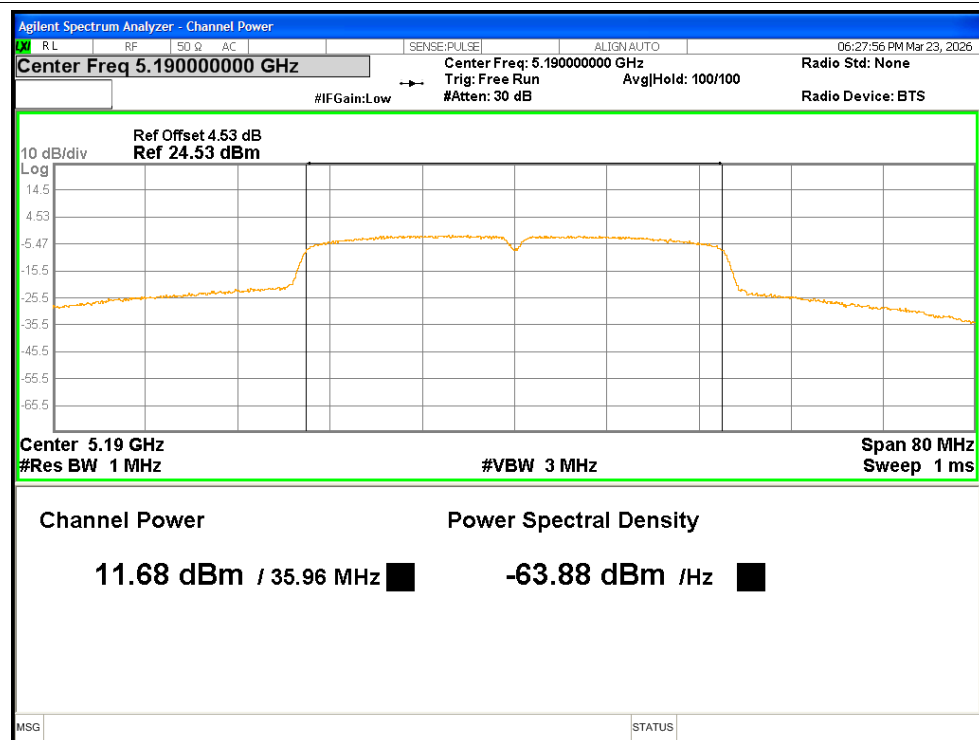
Power NVNT ac20 5240MHz Ant1



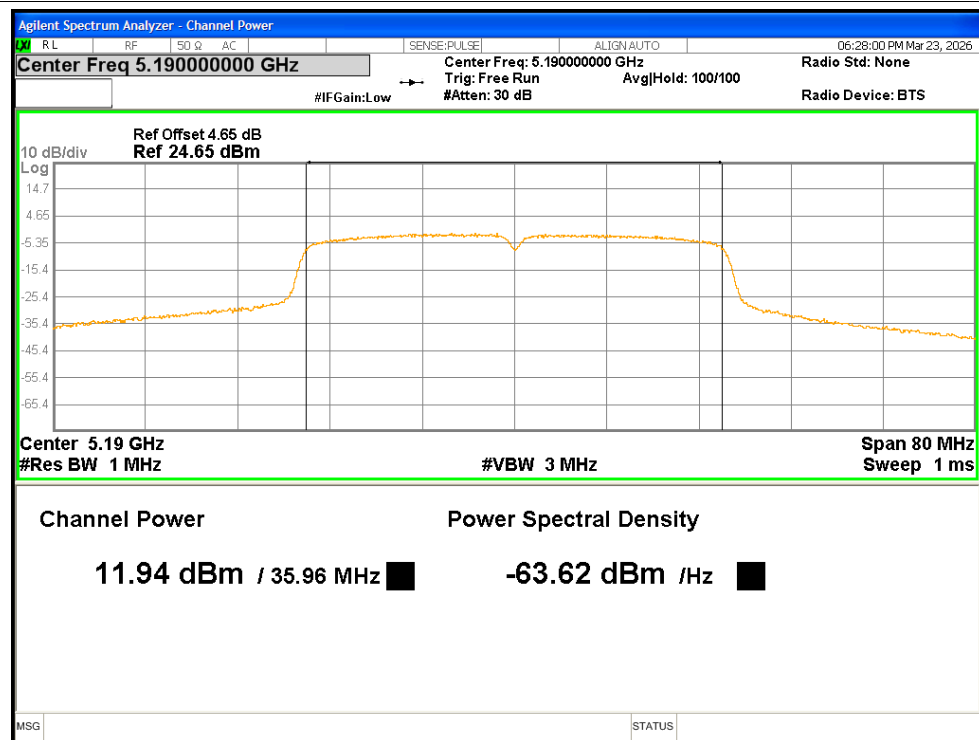
Power NVNT ac20 5240MHz Ant2



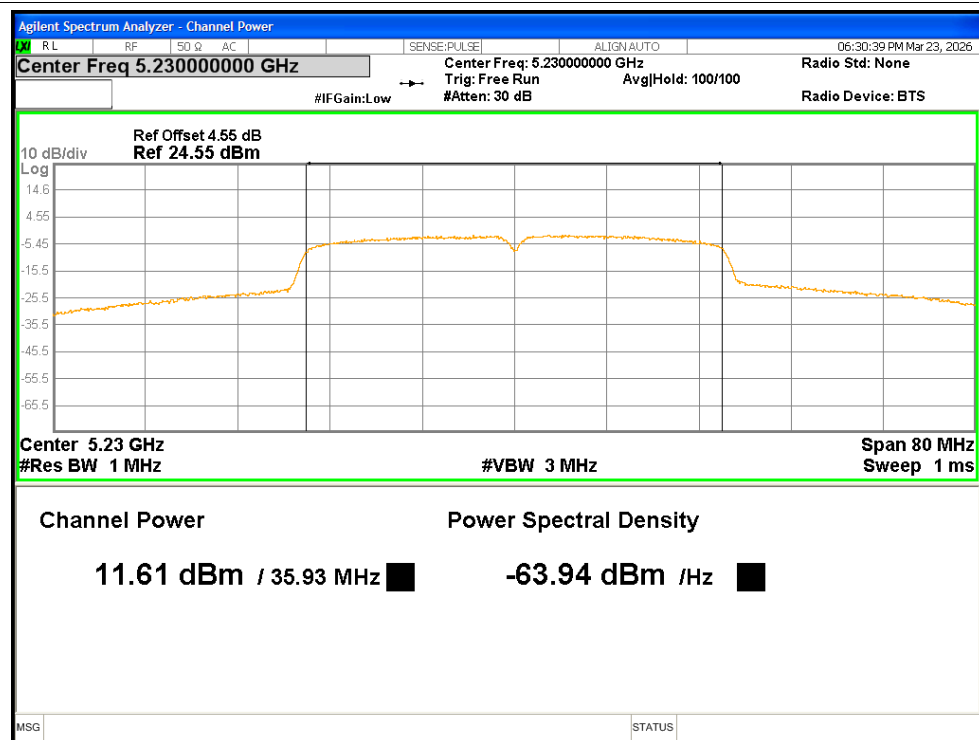
Power NVNT ac40 5190MHz Ant1



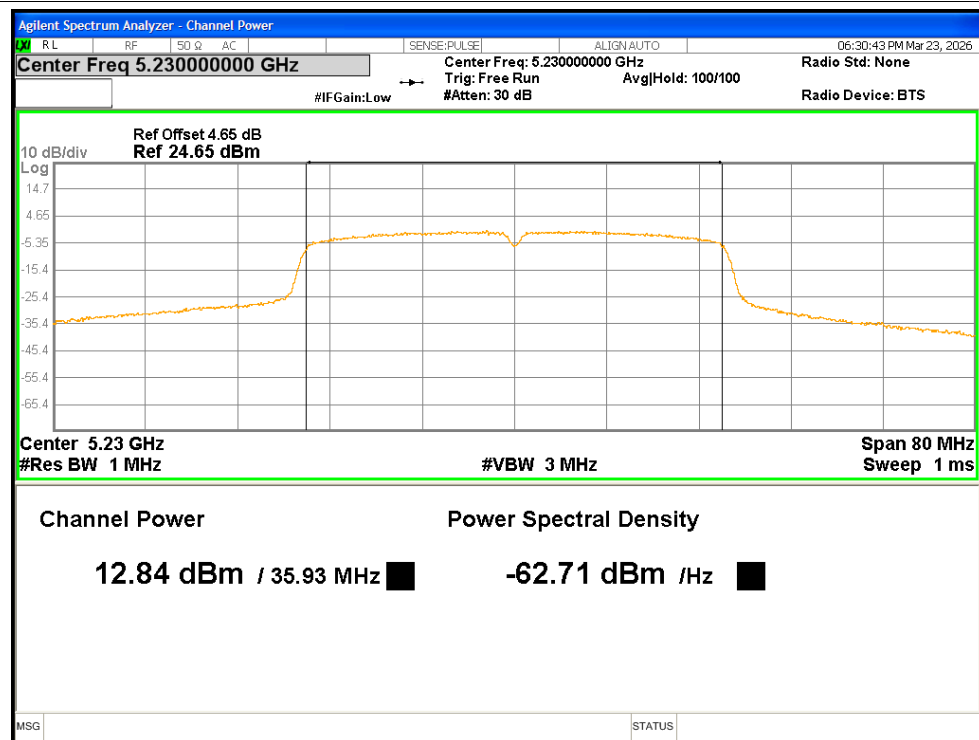
Power NVNT ac40 5190MHz Ant2



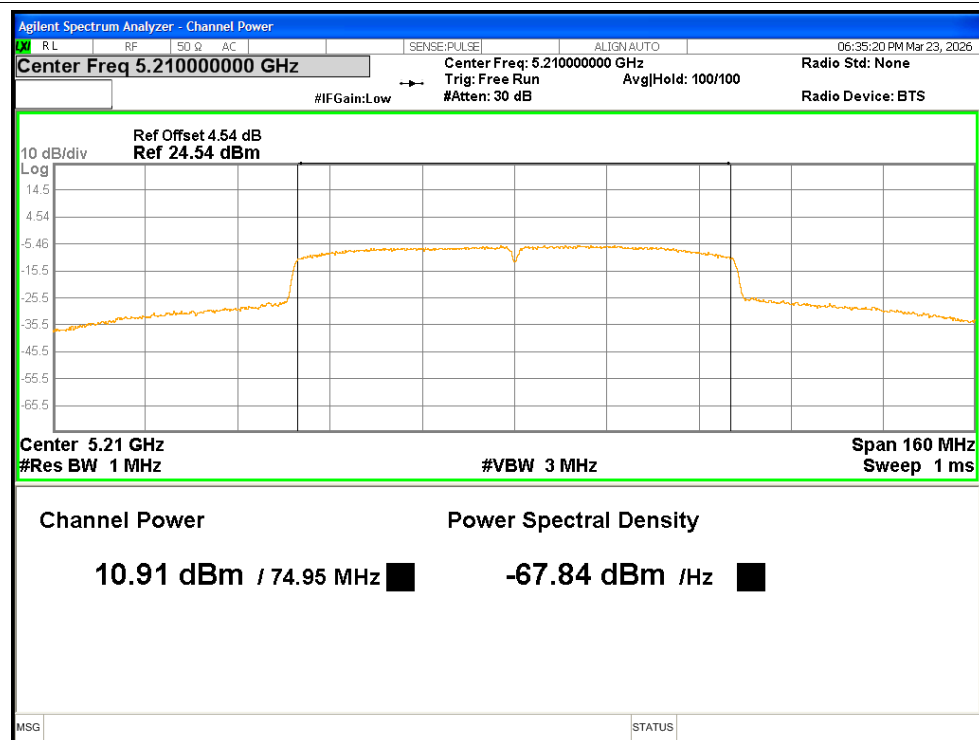
Power NVNT ac40 5230MHz Ant1



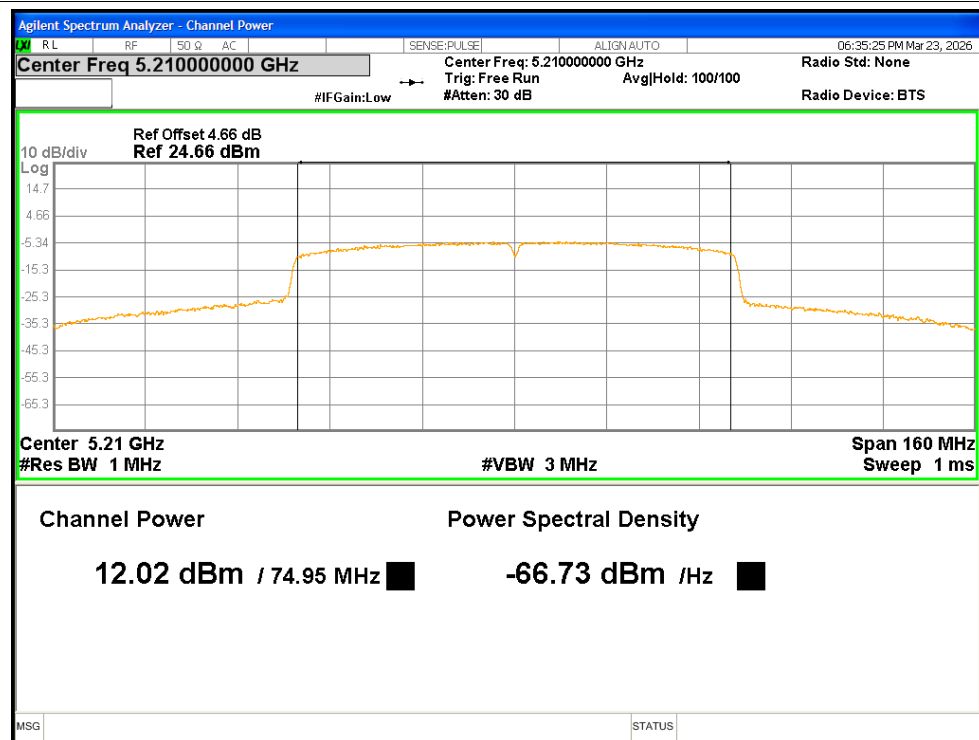
Power NVNT ac40 5230MHz Ant2



Power NVNT ac80 5210MHz Ant1



Power NVNT ac80 5210MHz Ant2

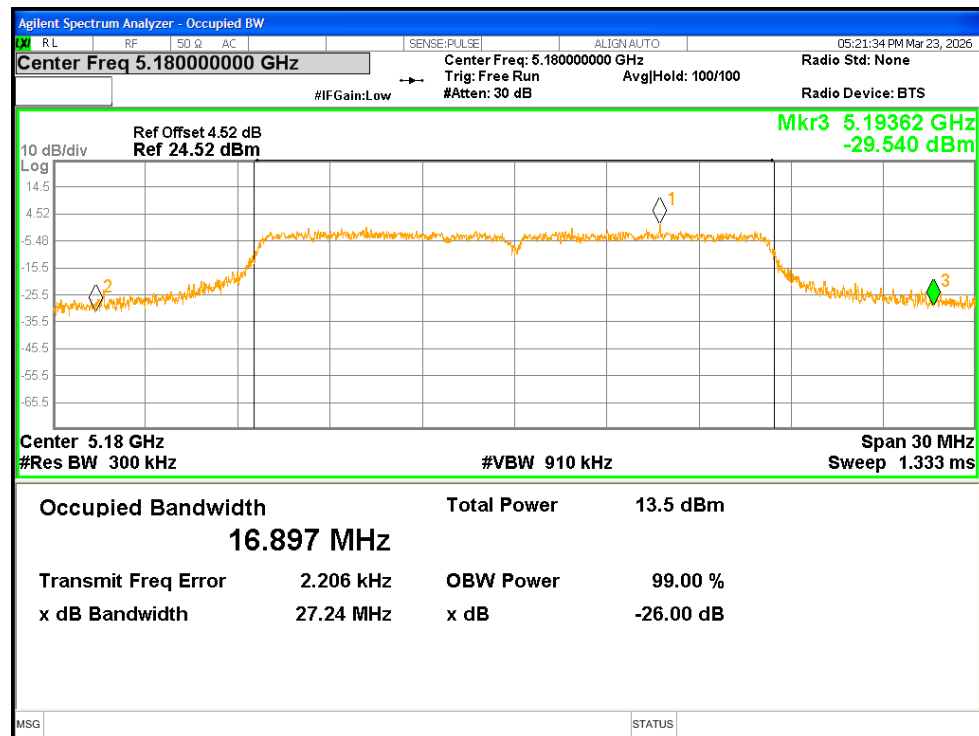


-26dB Bandwidth

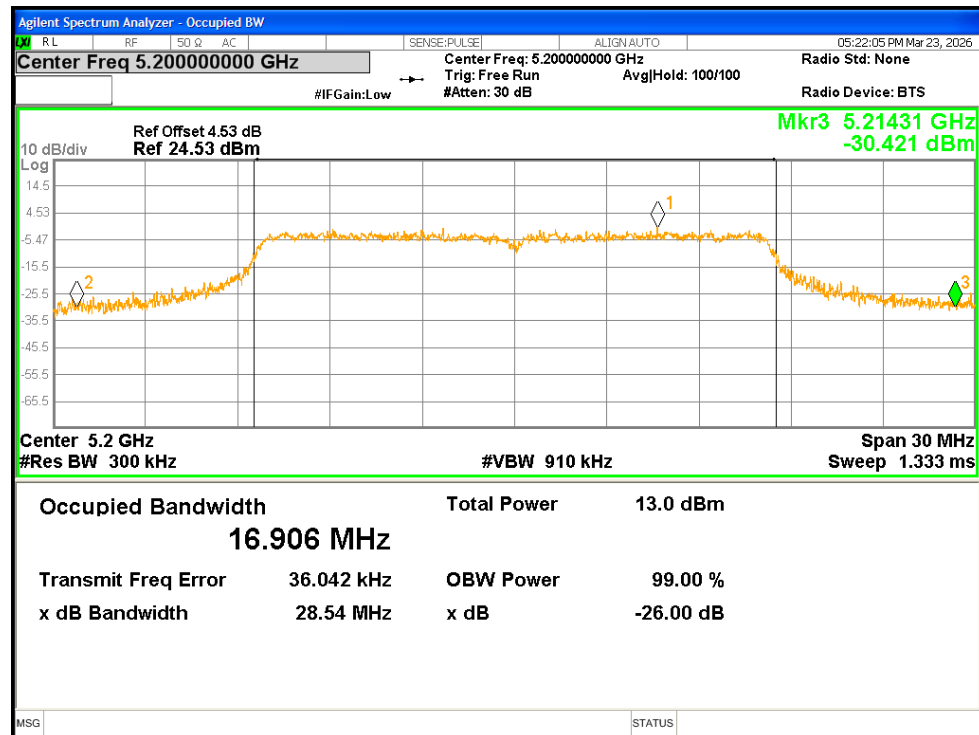
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	27.24	Pass
NVNT	a	5200	Ant1	28.54	Pass
NVNT	a	5240	Ant1	29.05	Pass
NVNT	a	5180	Ant2	19.91	Pass
NVNT	a	5200	Ant2	20.99	Pass
NVNT	a	5240	Ant2	20.45	Pass
NVNT	n20	5180	Ant1	21.49	Pass
NVNT	n20	5180	Ant2	20.72	Pass
NVNT	n20	5200	Ant1	22.01	Pass
NVNT	n20	5200	Ant2	21.8	Pass
NVNT	n20	5240	Ant1	25.84	Pass
NVNT	n20	5240	Ant2	19.96	Pass
NVNT	n40	5190	Ant1	52.29	Pass
NVNT	n40	5190	Ant2	42.58	Pass
NVNT	n40	5230	Ant1	47.51	Pass
NVNT	n40	5230	Ant2	42.61	Pass
NVNT	ac20	5180	Ant1	20.4	Pass
NVNT	ac20	5180	Ant2	20.23	Pass
NVNT	ac20	5200	Ant1	20.27	Pass
NVNT	ac20	5200	Ant2	20.11	Pass
NVNT	ac20	5240	Ant1	22.36	Pass
NVNT	ac20	5240	Ant2	20.2	Pass
NVNT	ac40	5190	Ant1	51.27	Pass
NVNT	ac40	5190	Ant2	41.25	Pass
NVNT	ac40	5230	Ant1	49.85	Pass
NVNT	ac40	5230	Ant2	40.64	Pass
NVNT	ac80	5210	Ant1	83.58	Pass
NVNT	ac80	5210	Ant2	82.35	Pass

Test Graphs

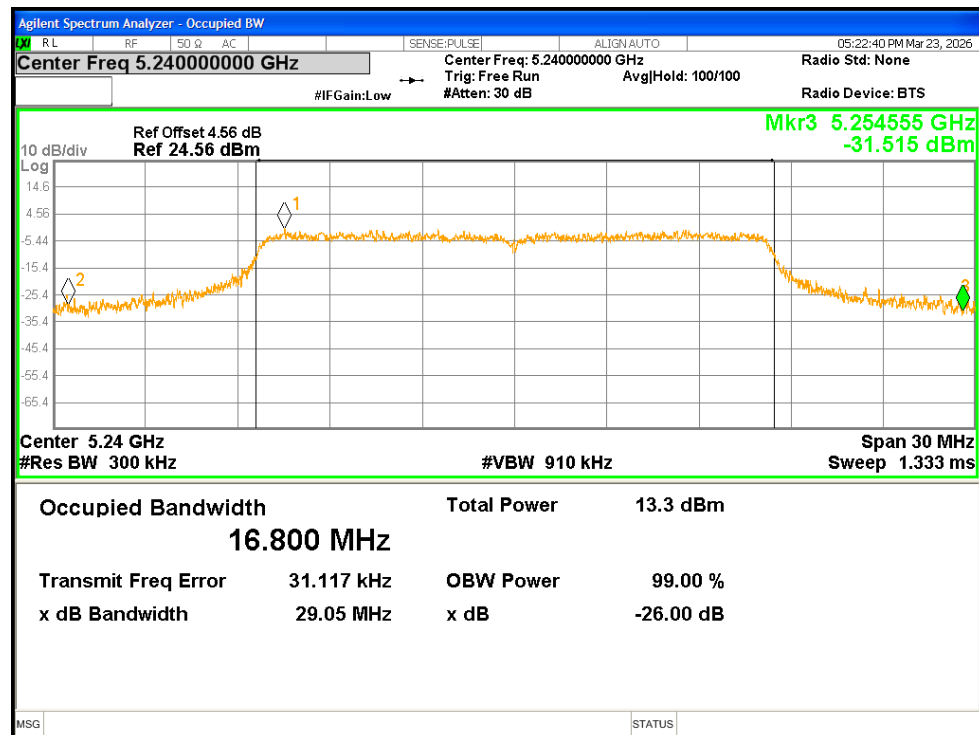
-26dB Bandwidth NVNT a 5180MHz Ant1



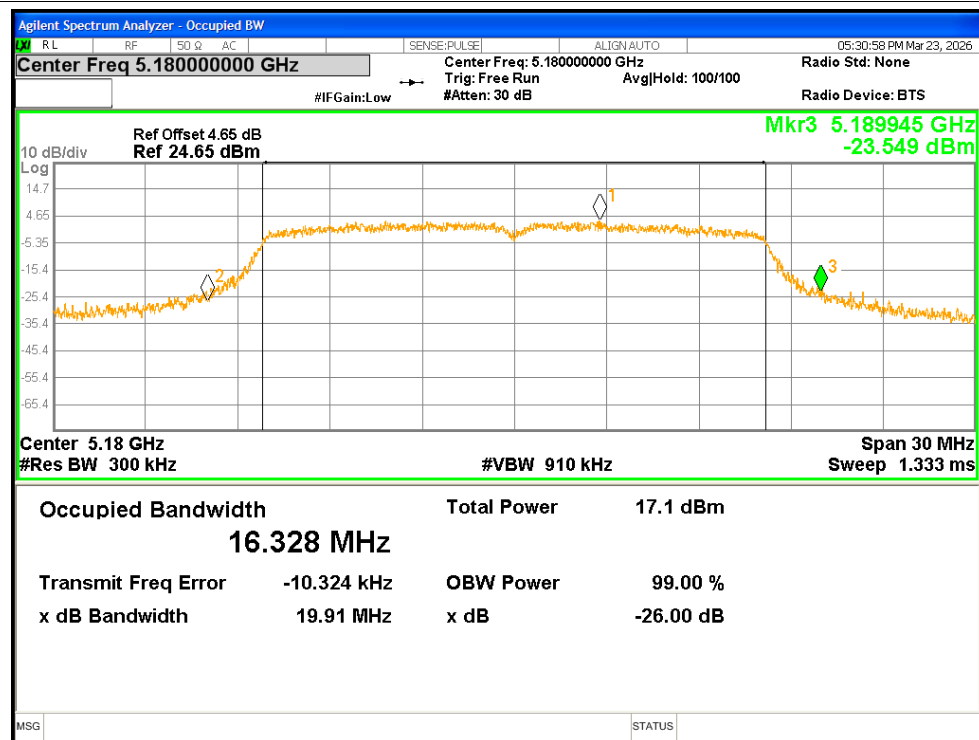
-26dB Bandwidth NVNT a 5200MHz Ant1



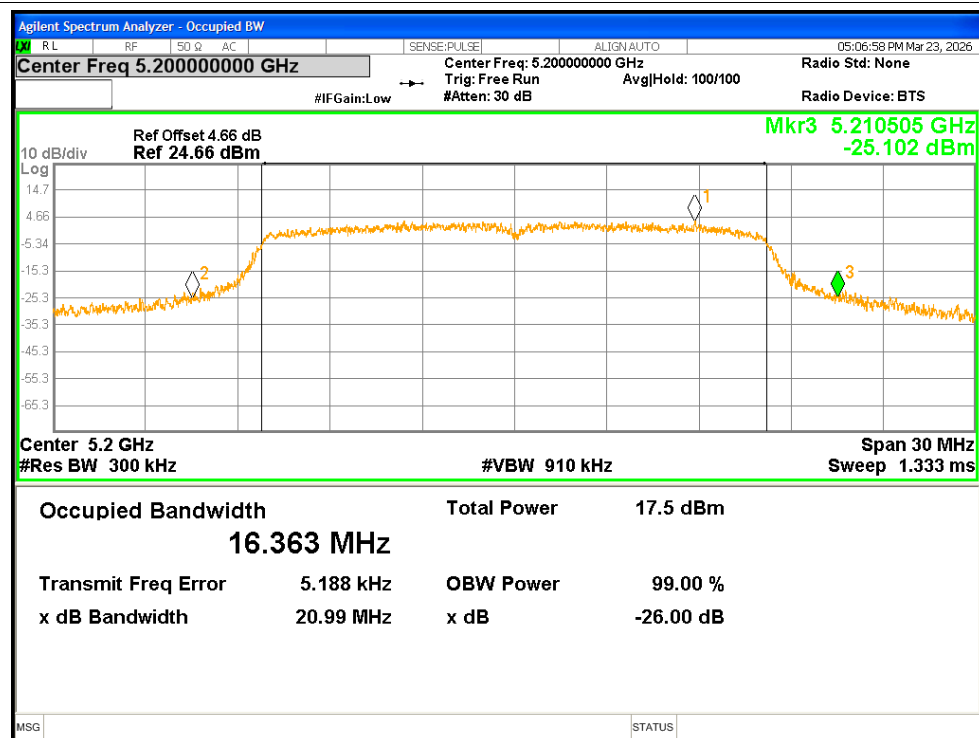
-26dB Bandwidth NVNT a 5240MHz Ant1



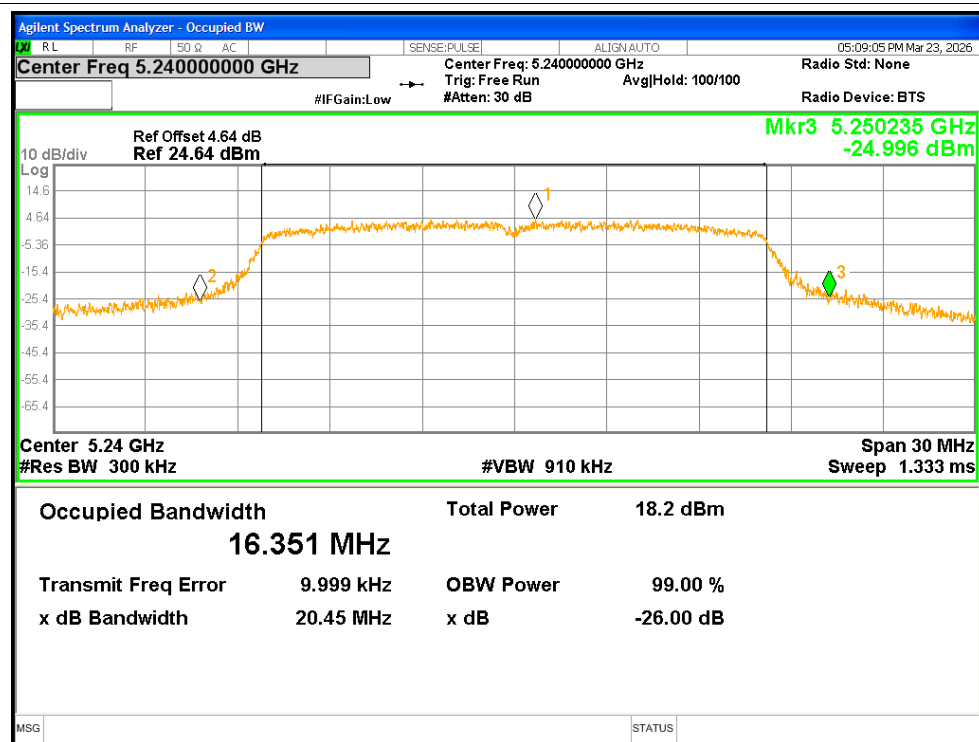
-26dB Bandwidth NVNT a 5180MHz Ant2



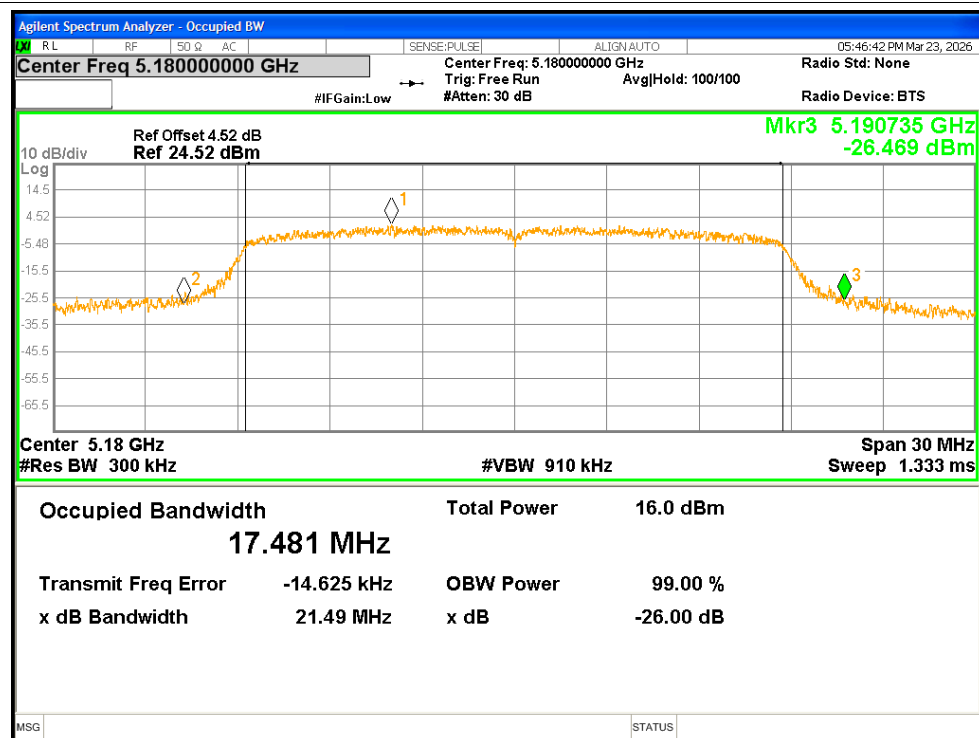
-26dB Bandwidth NVNT a 5200MHz Ant2



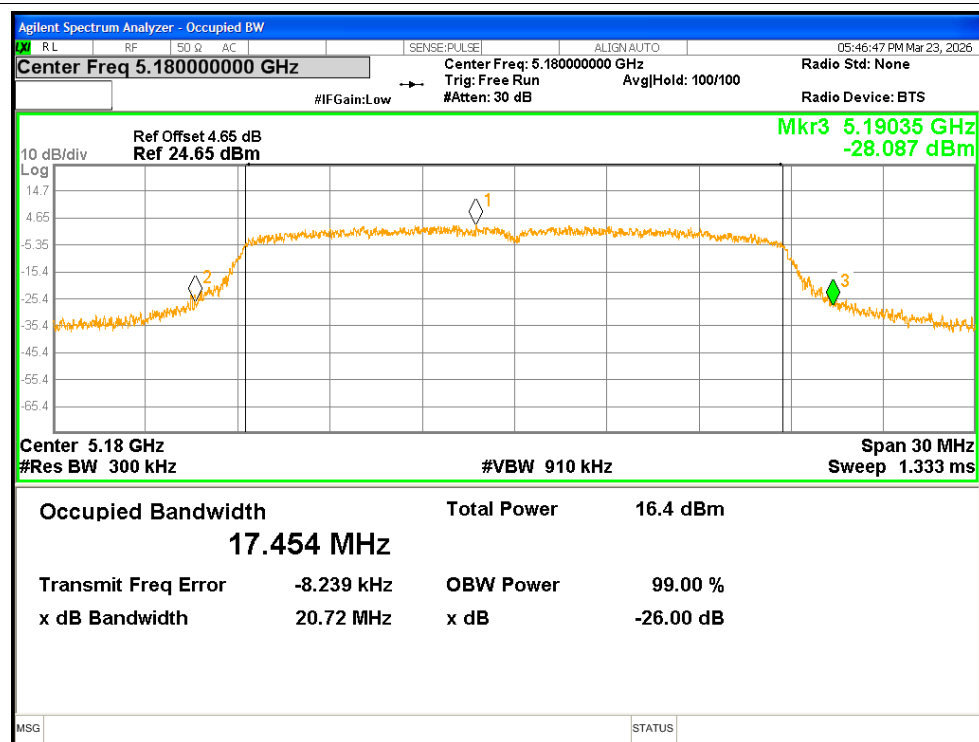
-26dB Bandwidth NVNT a 5240MHz Ant2



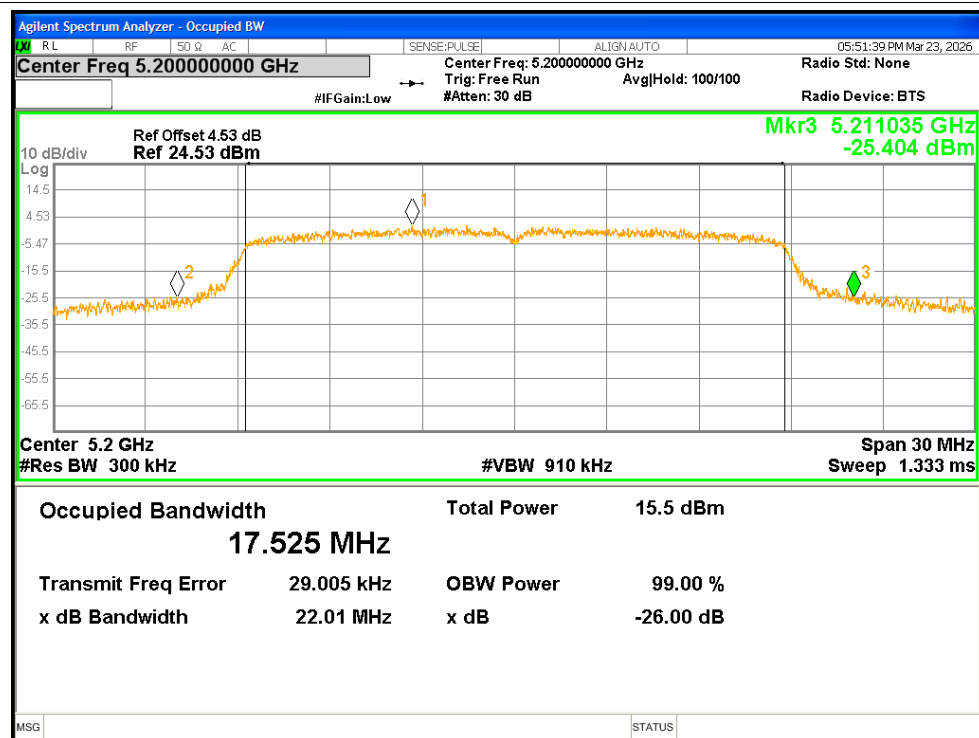
-26dB Bandwidth NVNT n20 5180MHz Ant1



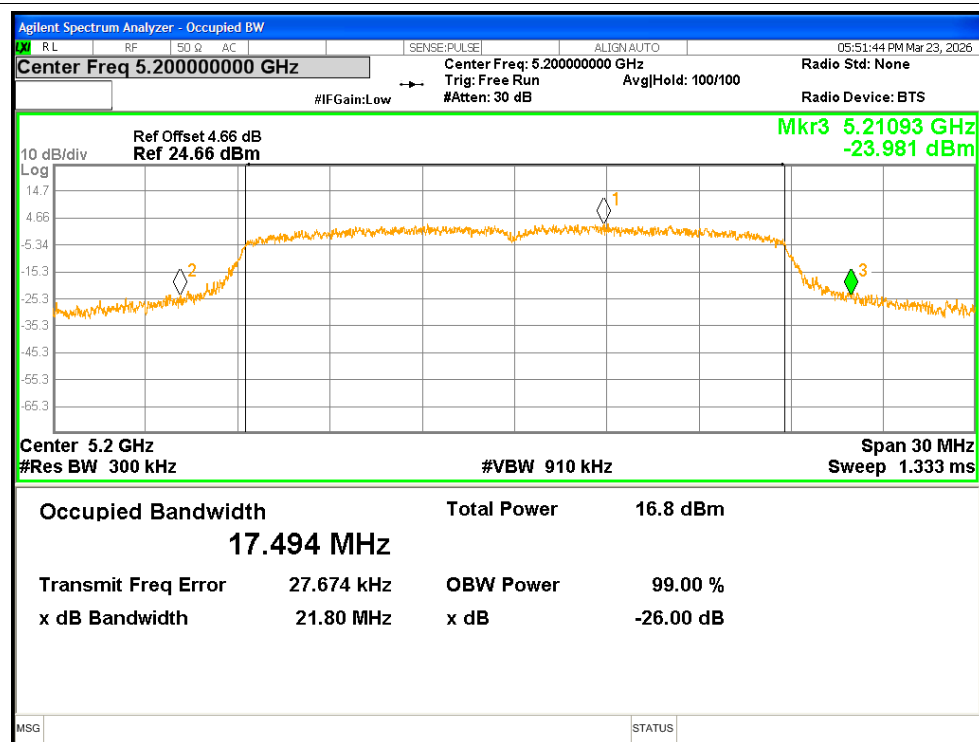
-26dB Bandwidth NVNT n20 5180MHz Ant2



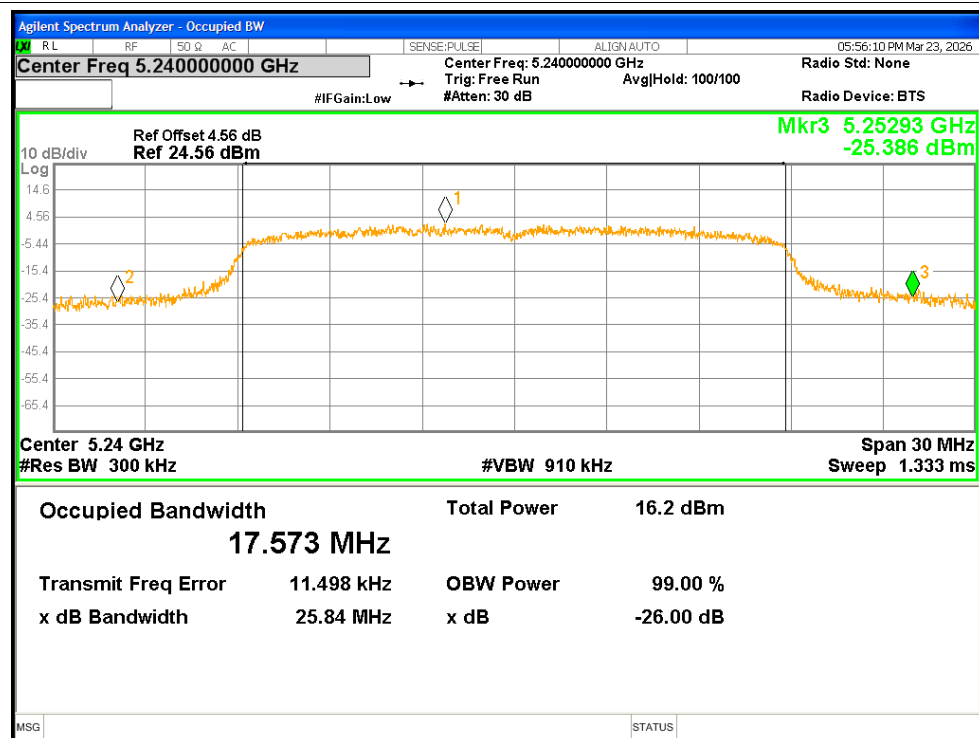
-26dB Bandwidth NVNT n20 5200MHz Ant1



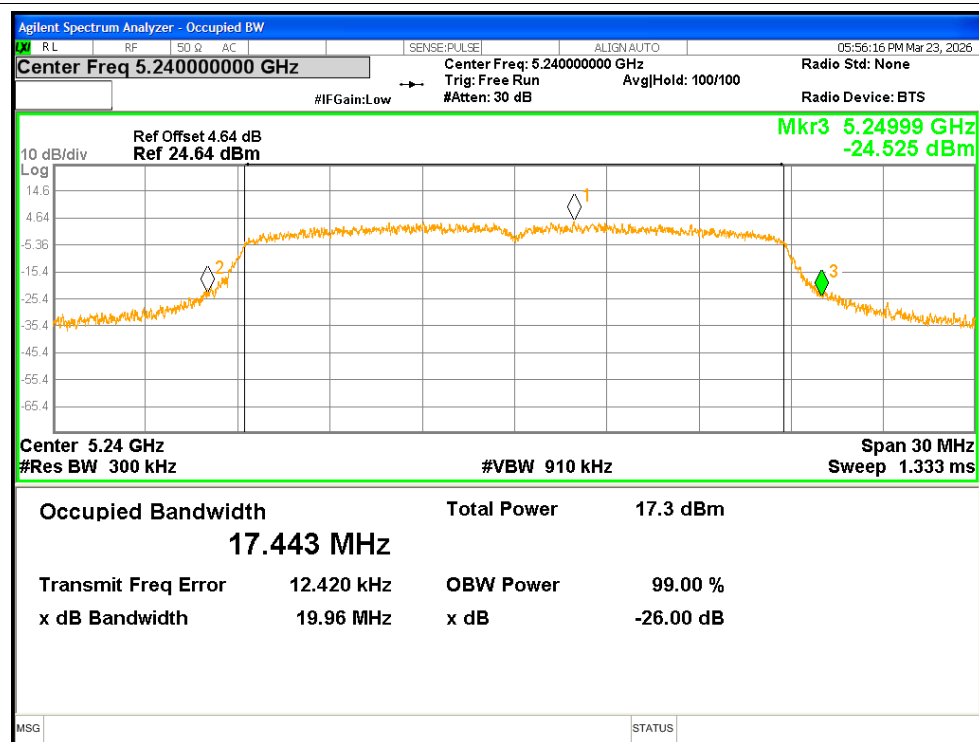
-26dB Bandwidth NVNT n20 5200MHz Ant2



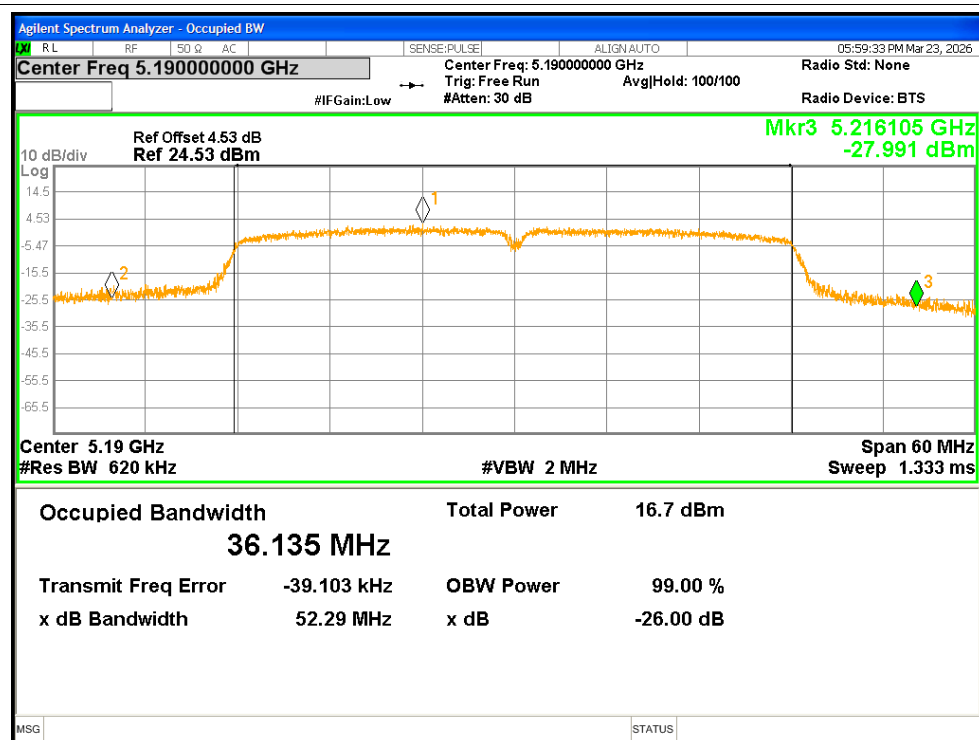
-26dB Bandwidth NVNT n20 5240MHz Ant1



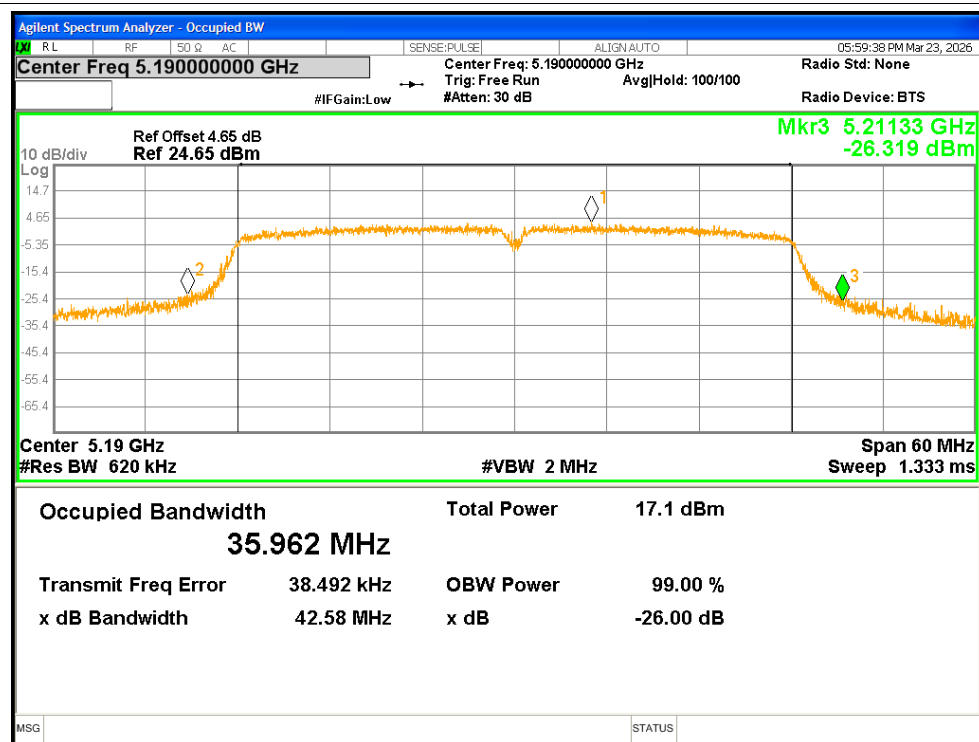
-26dB Bandwidth NVNT n20 5240MHz Ant2



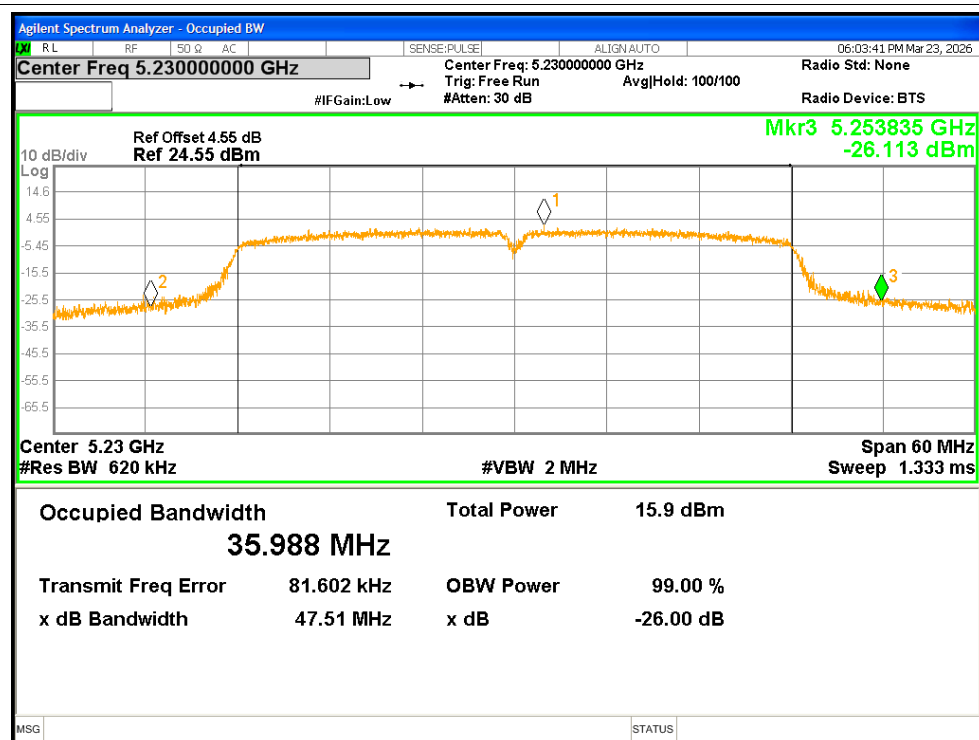
-26dB Bandwidth NVNT n40 5190MHz Ant1



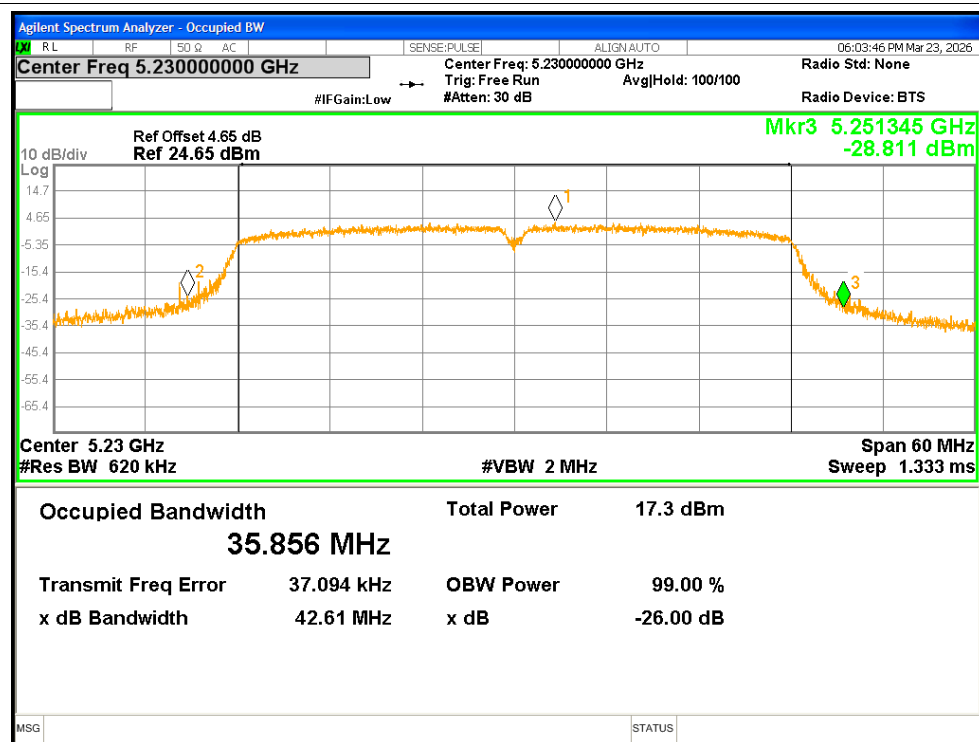
-26dB Bandwidth NVNT n40 5190MHz Ant2



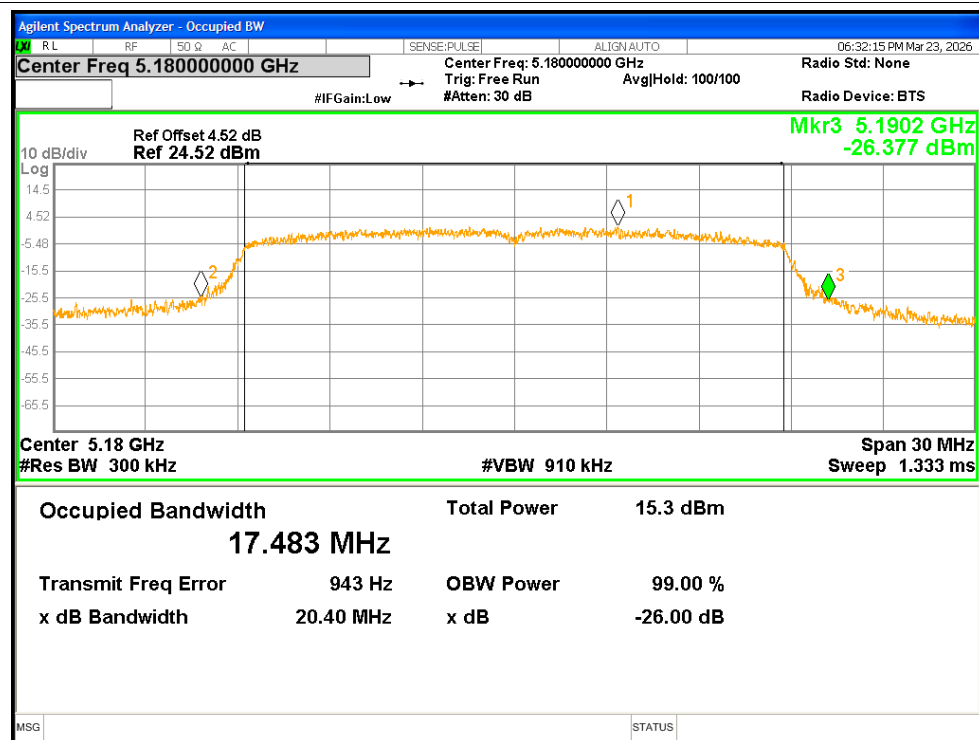
-26dB Bandwidth NVNT n40 5230MHz Ant1



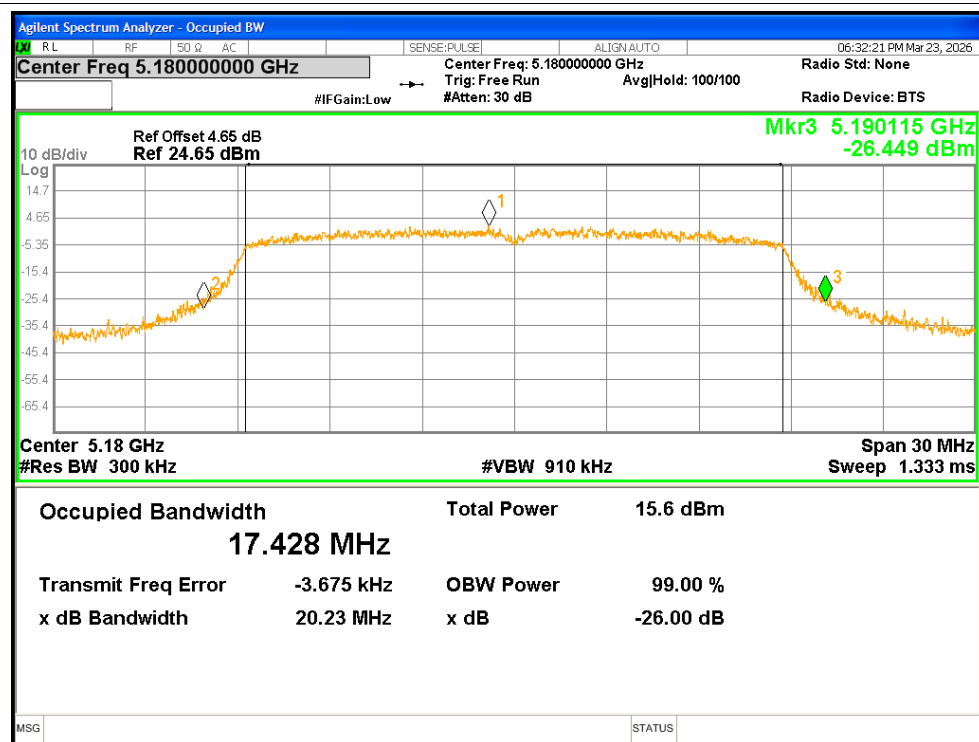
-26dB Bandwidth NVNT n40 5230MHz Ant2



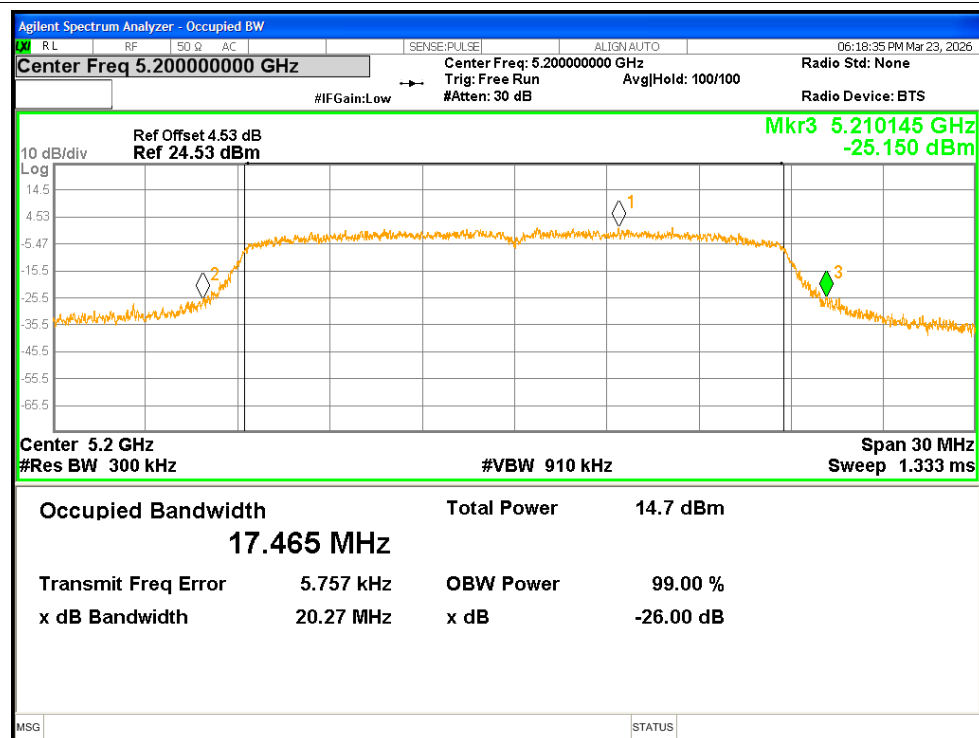
-26dB Bandwidth NVNT ac20 5180MHz Ant1



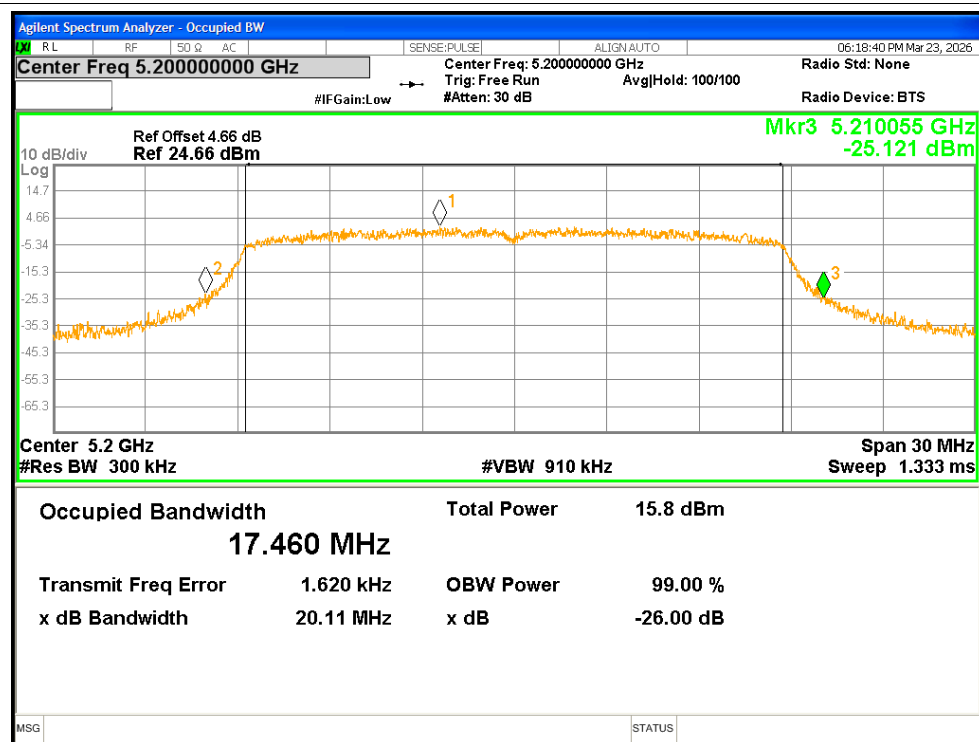
-26dB Bandwidth NVNT ac20 5180MHz Ant2



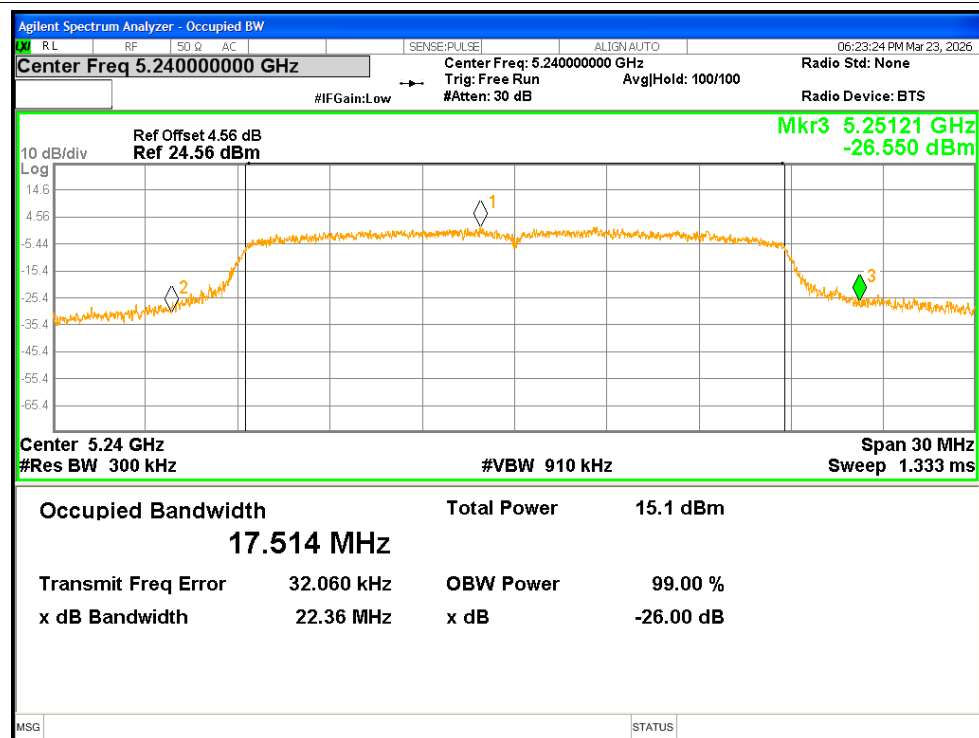
-26dB Bandwidth NVNT ac20 5200MHz Ant1



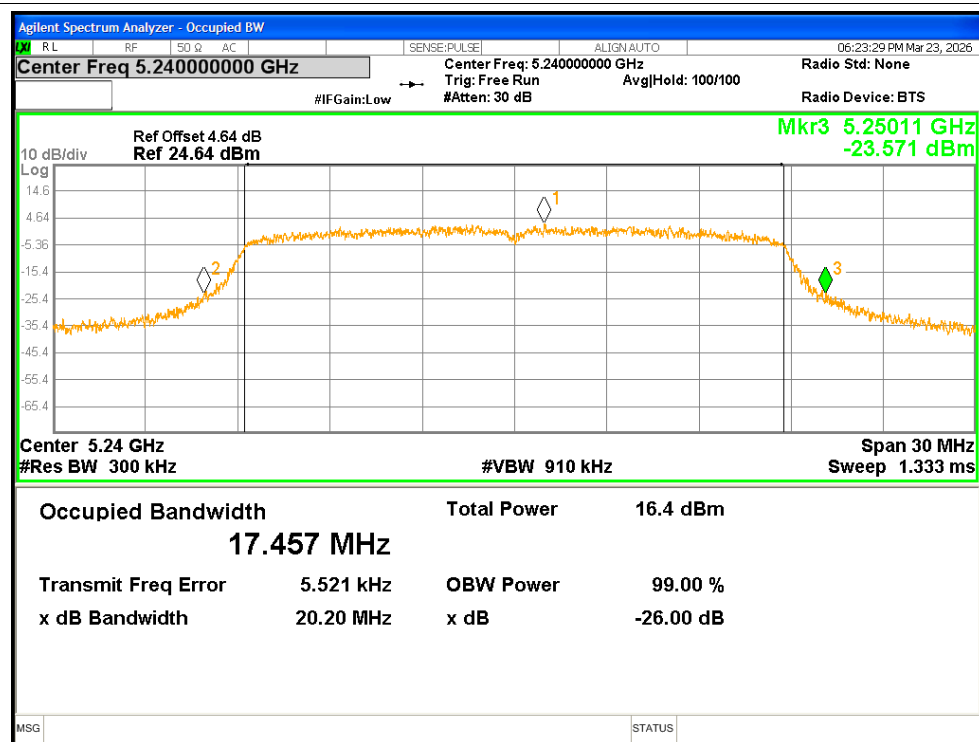
-26dB Bandwidth NVNT ac20 5200MHz Ant2



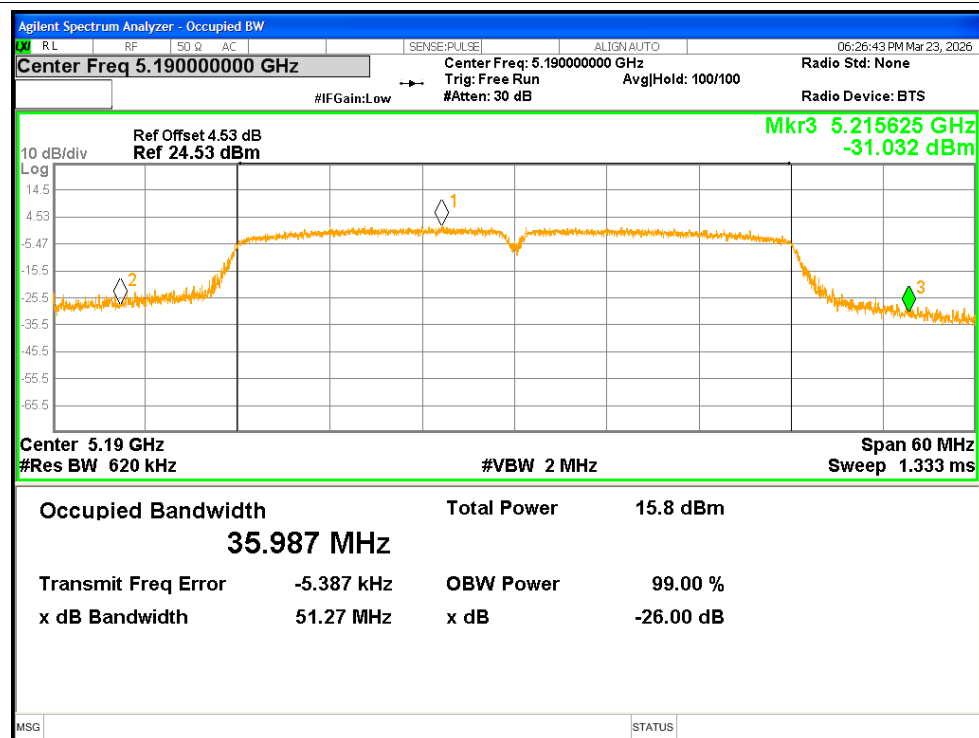
-26dB Bandwidth NVNT ac20 5240MHz Ant1



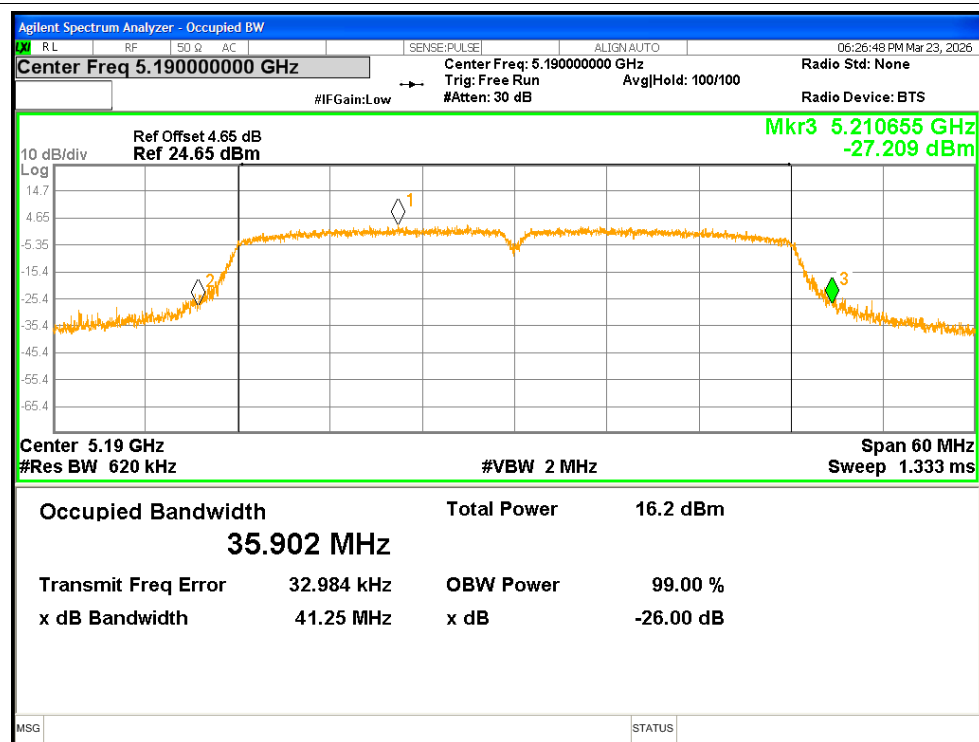
-26dB Bandwidth NVNT ac20 5240MHz Ant2



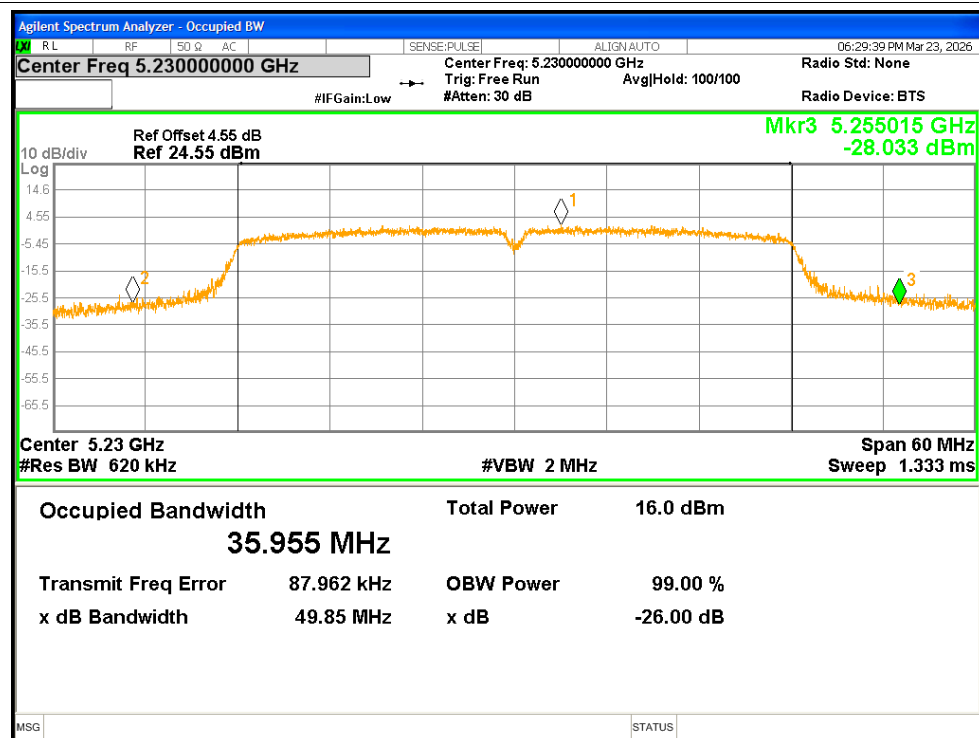
-26dB Bandwidth NVNT ac40 5190MHz Ant1



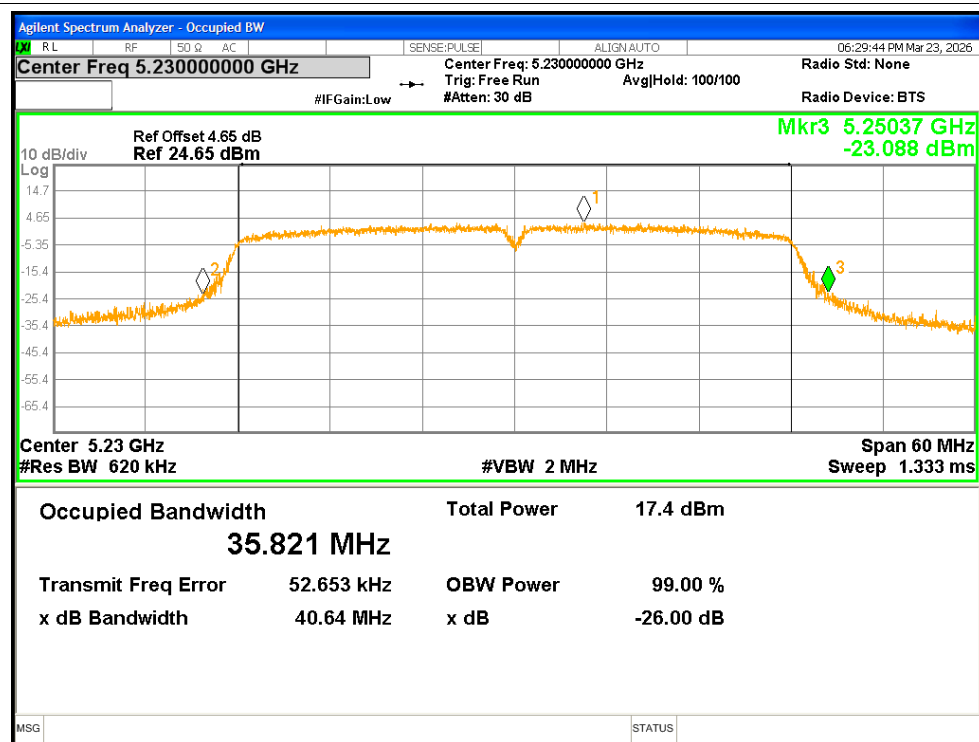
-26dB Bandwidth NVNT ac40 5190MHz Ant2



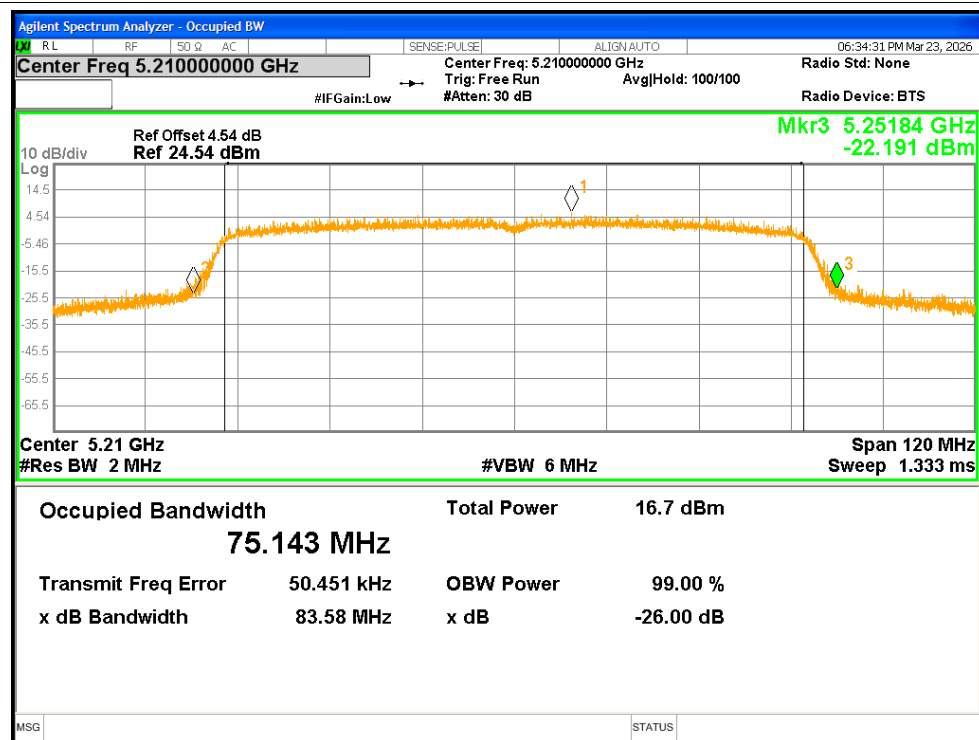
-26dB Bandwidth NVNT ac40 5230MHz Ant1



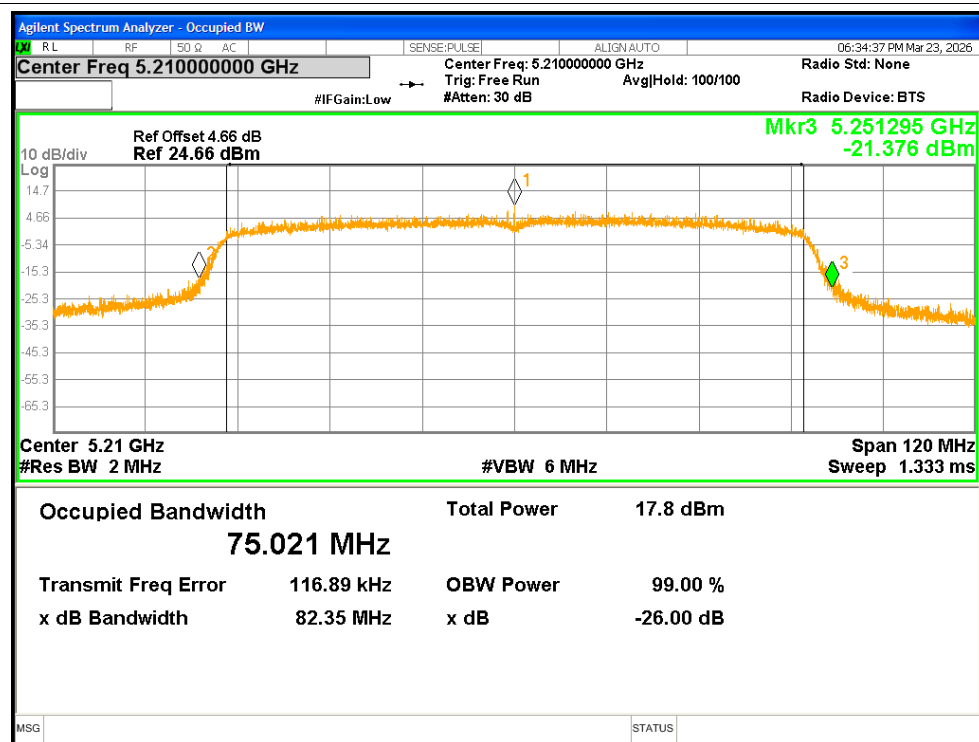
-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant2

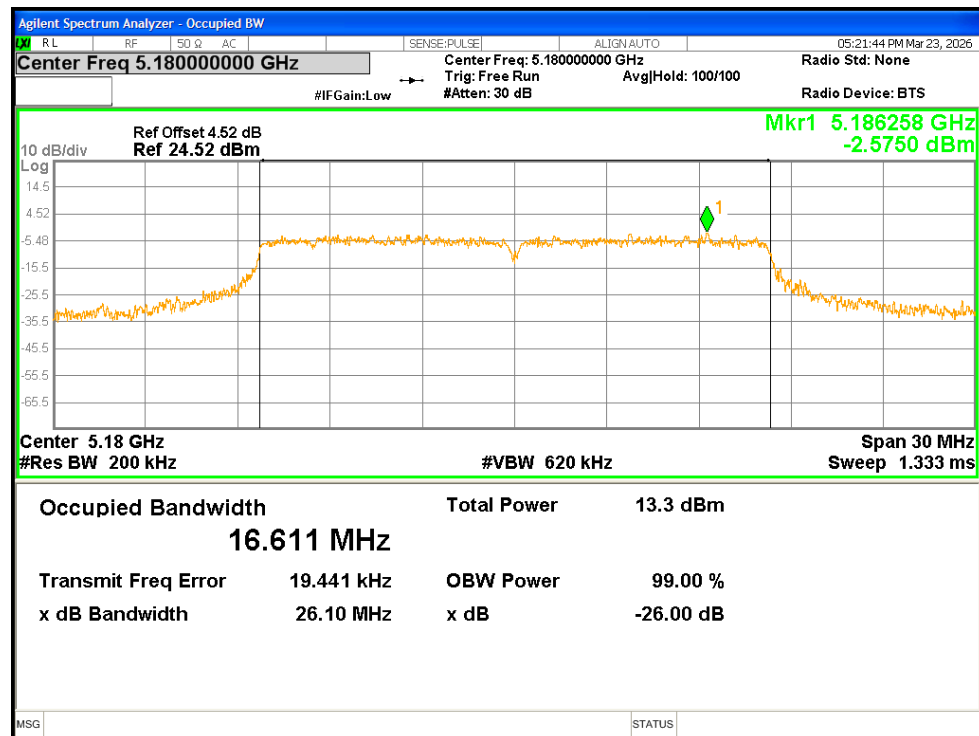


Occupied Channel Bandwidth

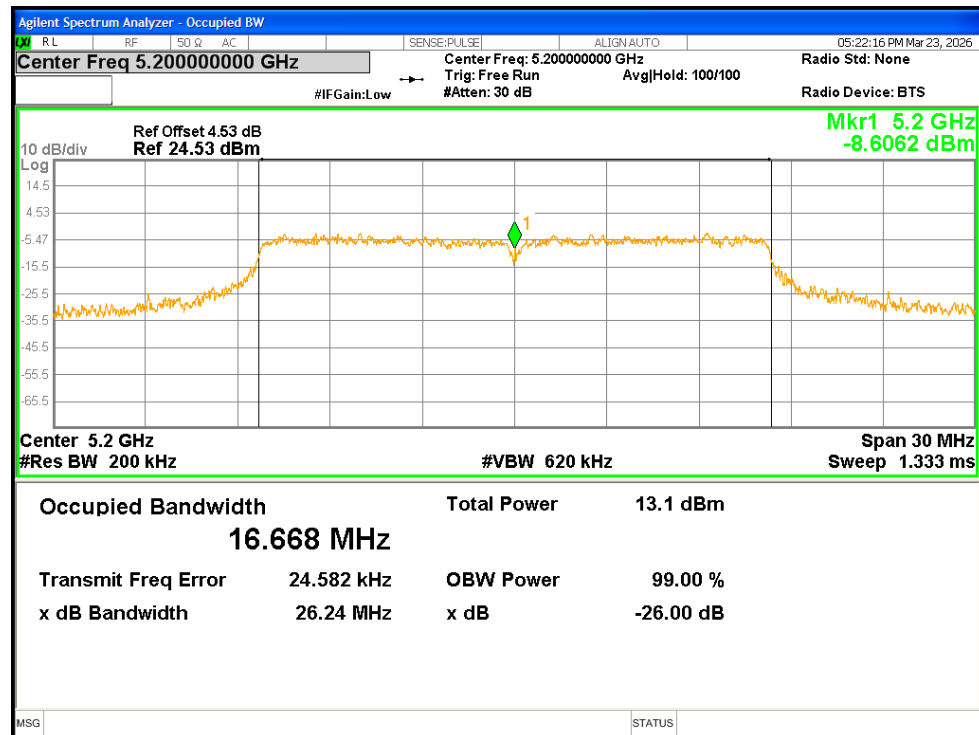
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.611
NVNT	a	5200	Ant1	16.668
NVNT	a	5240	Ant1	16.633
NVNT	a	5180	Ant2	16.263
NVNT	a	5200	Ant2	16.288
NVNT	a	5240	Ant2	16.309
NVNT	n20	5180	Ant1	17.459
NVNT	n20	5180	Ant2	17.429
NVNT	n20	5200	Ant1	17.507
NVNT	n20	5200	Ant2	17.488
NVNT	n20	5240	Ant1	17.561
NVNT	n20	5240	Ant2	17.442
NVNT	n40	5190	Ant1	36.098
NVNT	n40	5190	Ant2	35.883
NVNT	n40	5230	Ant1	35.972
NVNT	n40	5230	Ant2	35.825
NVNT	ac20	5180	Ant1	17.449
NVNT	ac20	5180	Ant2	17.434
NVNT	ac20	5200	Ant1	17.452
NVNT	ac20	5200	Ant2	17.412
NVNT	ac20	5240	Ant1	17.477
NVNT	ac20	5240	Ant2	17.417
NVNT	ac40	5190	Ant1	35.964
NVNT	ac40	5190	Ant2	35.926
NVNT	ac40	5230	Ant1	35.93
NVNT	ac40	5230	Ant2	35.812
NVNT	ac80	5210	Ant1	74.952
NVNT	ac80	5210	Ant2	74.87

Test Graphs

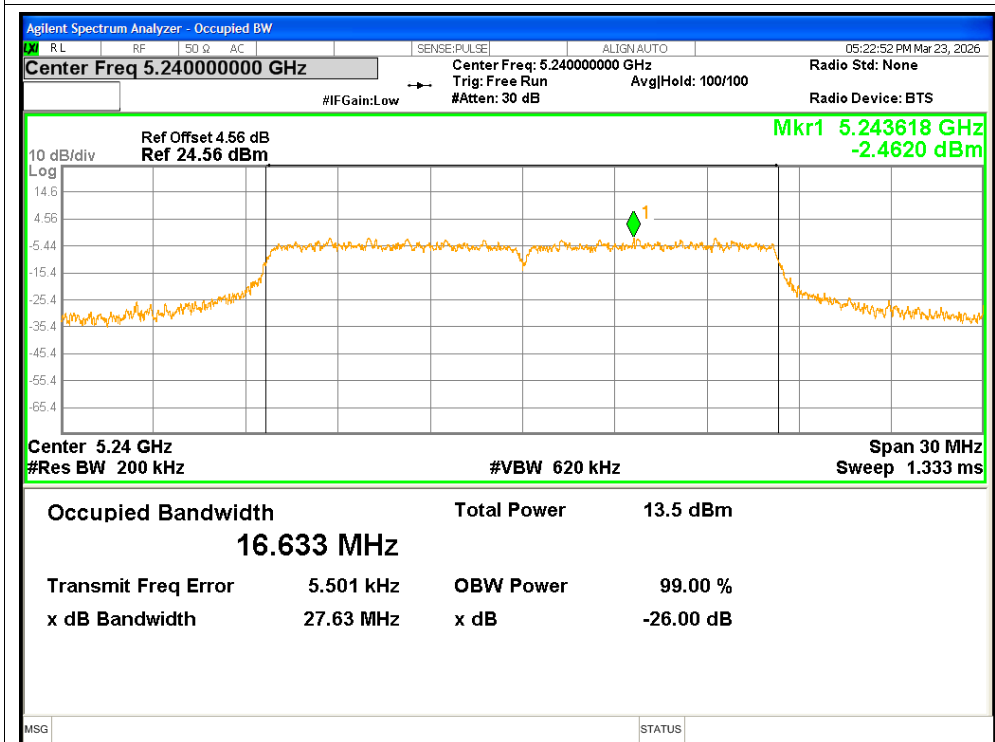
OBW NVNT a 5180MHz Ant1



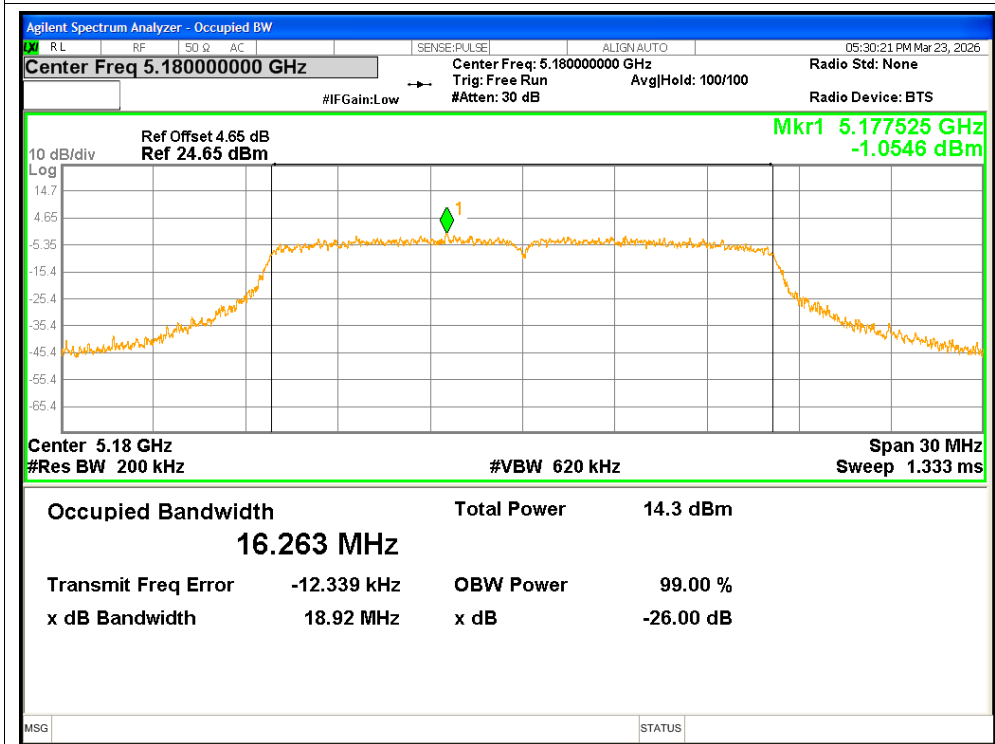
OBW NVNT a 5200MHz Ant1



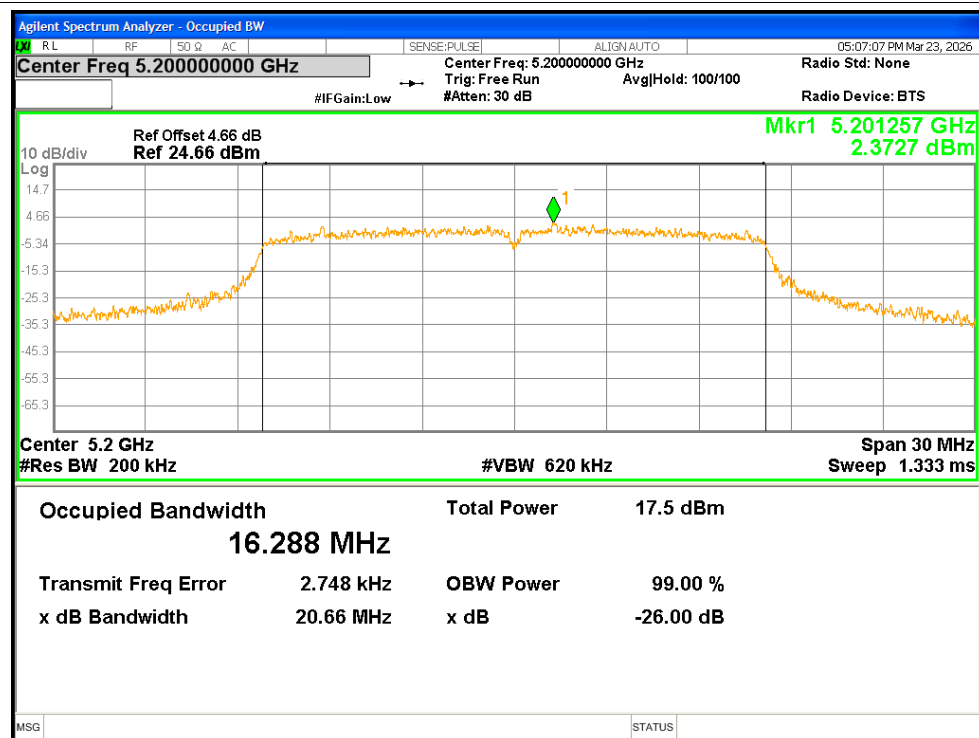
OBW NVNT a 5240MHz Ant1



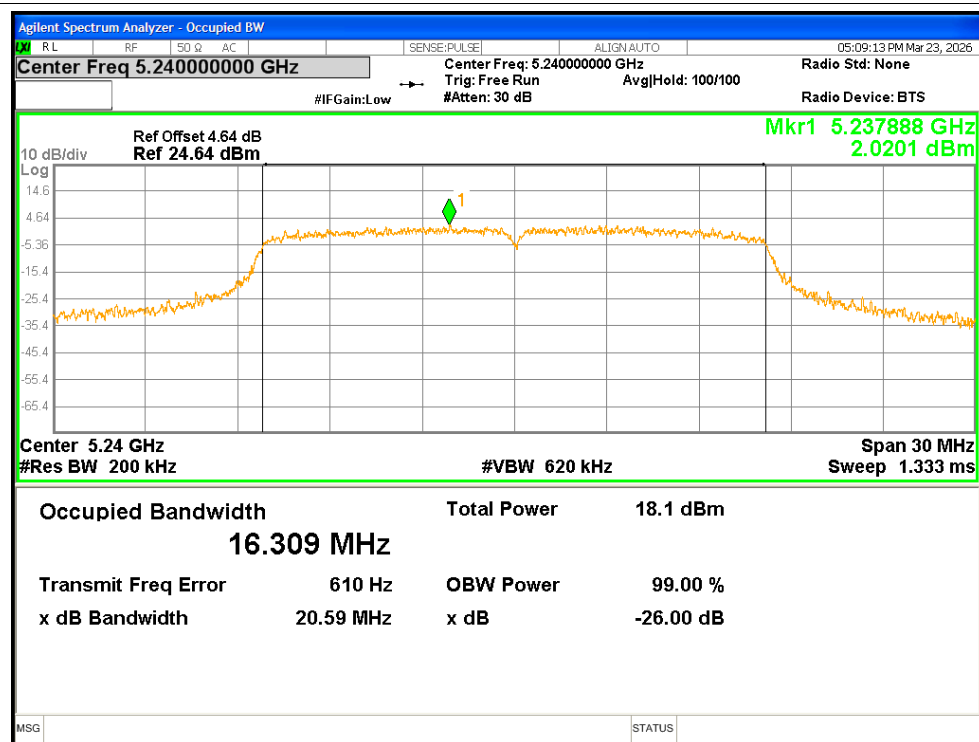
OBW NVNT a 5180MHz Ant2



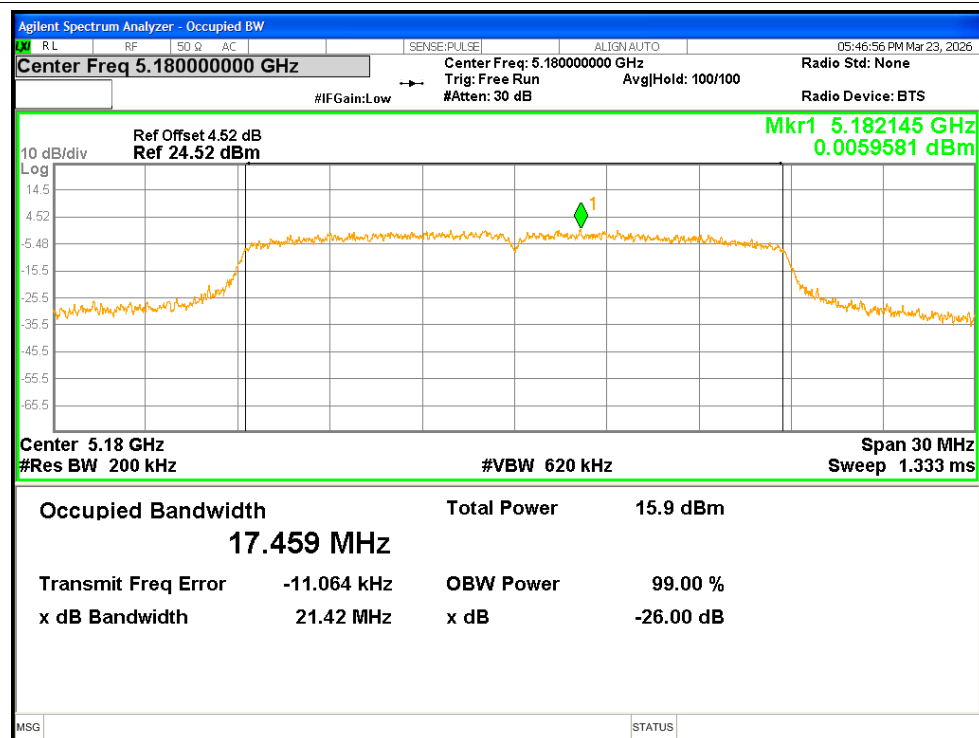
OBW NVNT a 5200MHz Ant2



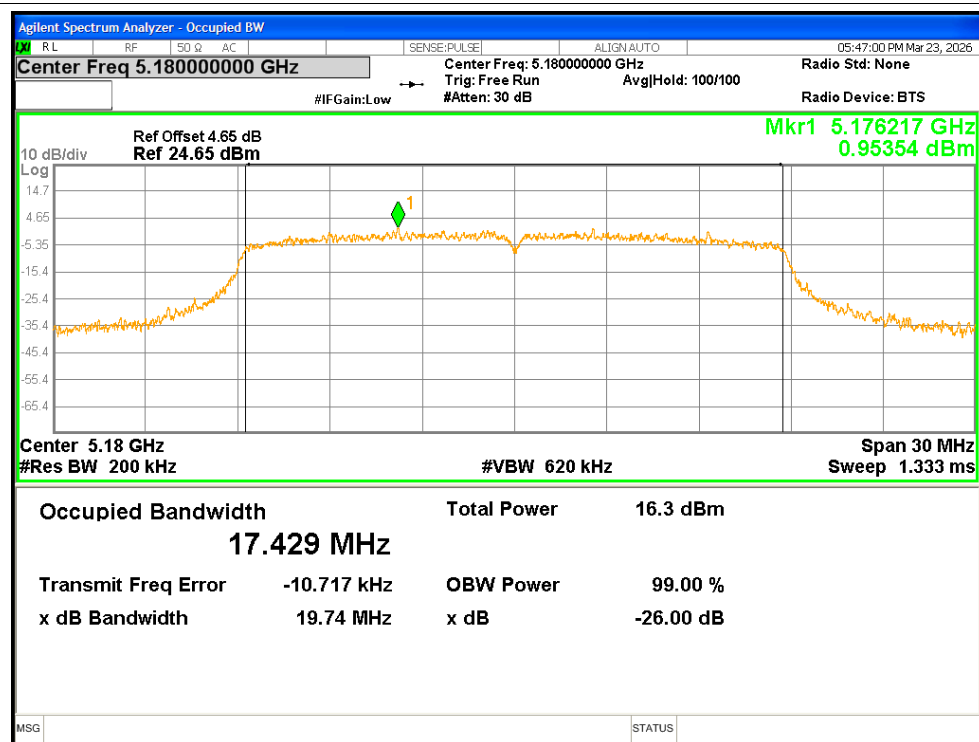
OBW NVNT a 5240MHz Ant2



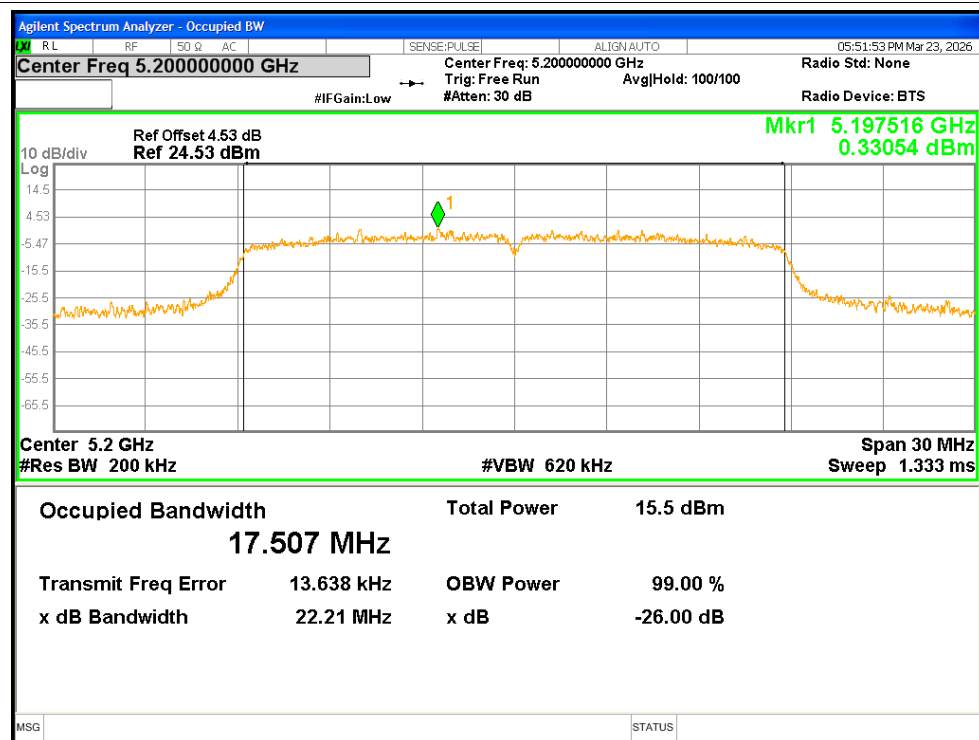
OBW NVNT n20 5180MHz Ant1



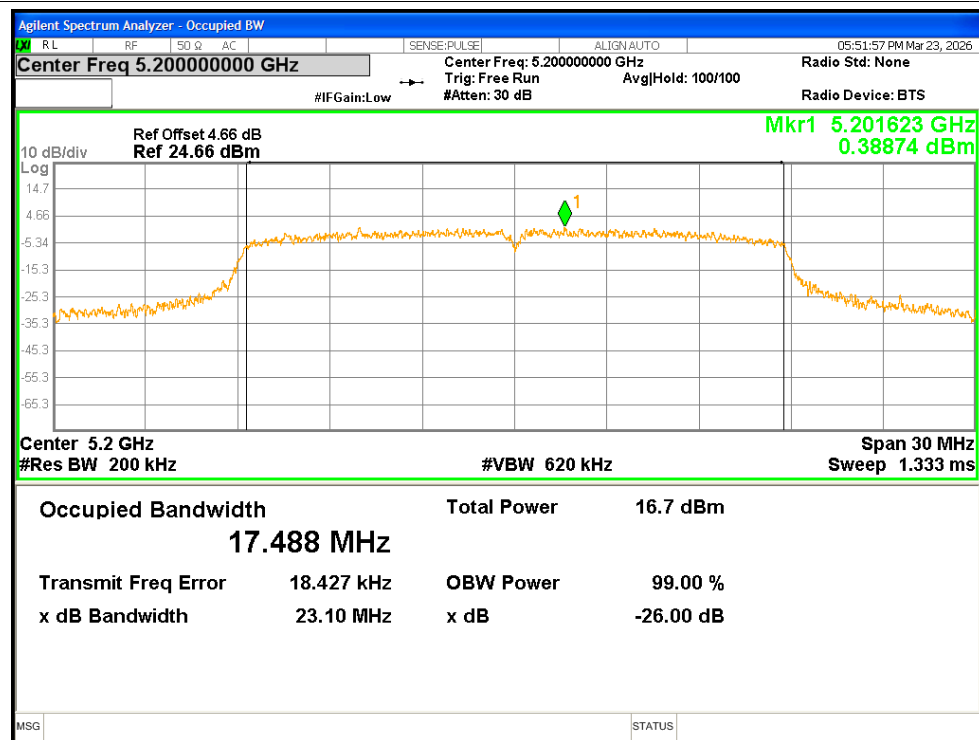
OBW NVNT n20 5180MHz Ant2



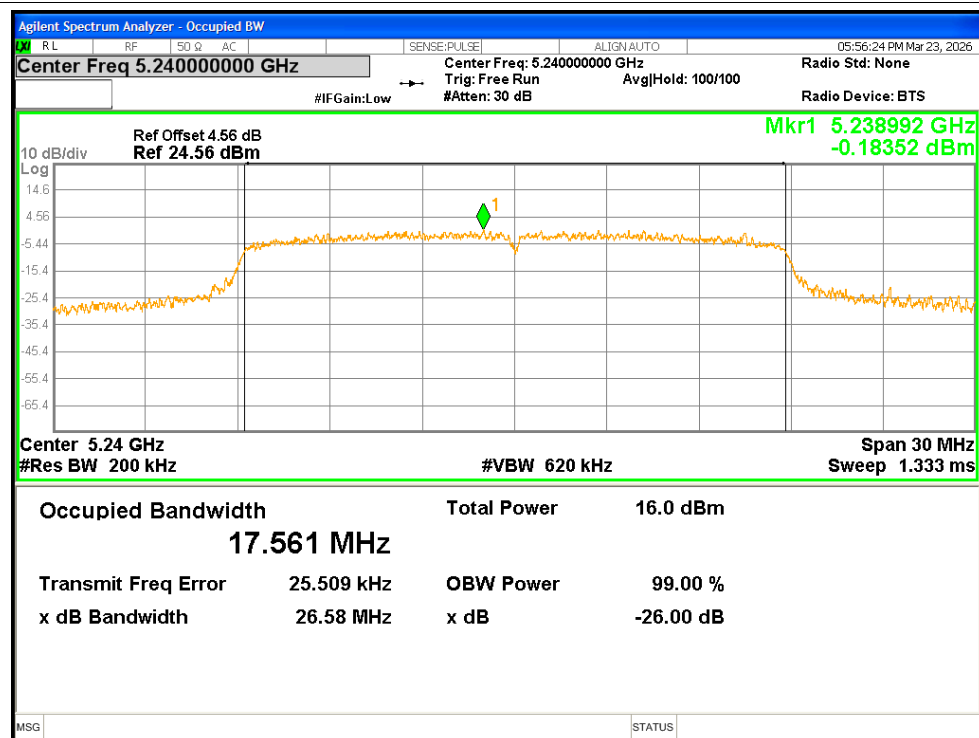
OBW NVNT n20 5200MHz Ant1



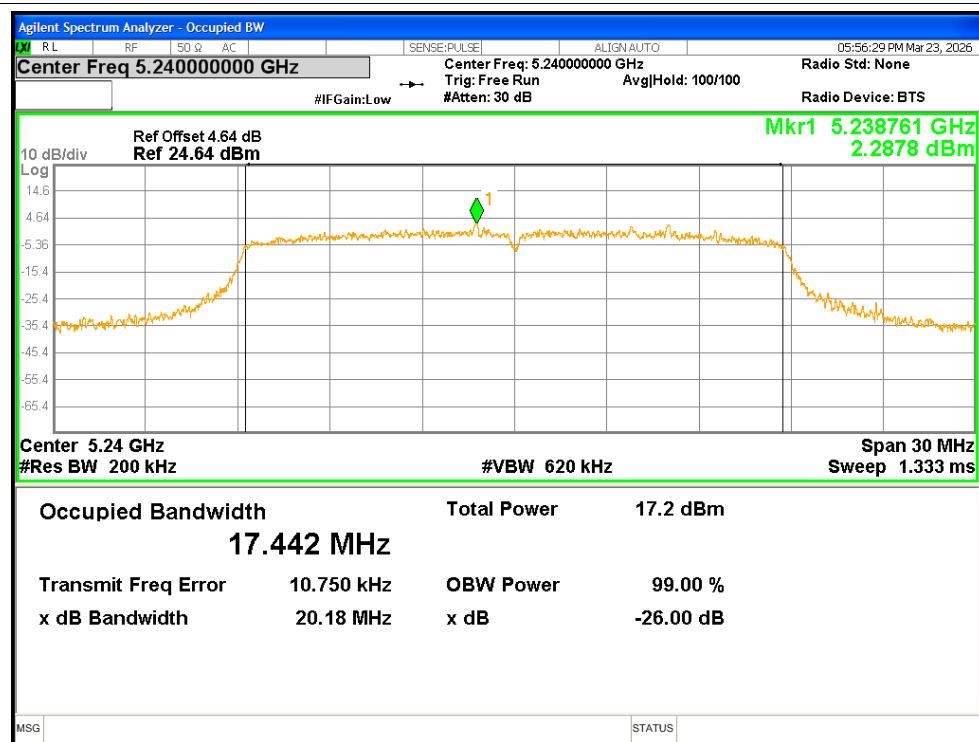
OBW NVNT n20 5200MHz Ant2



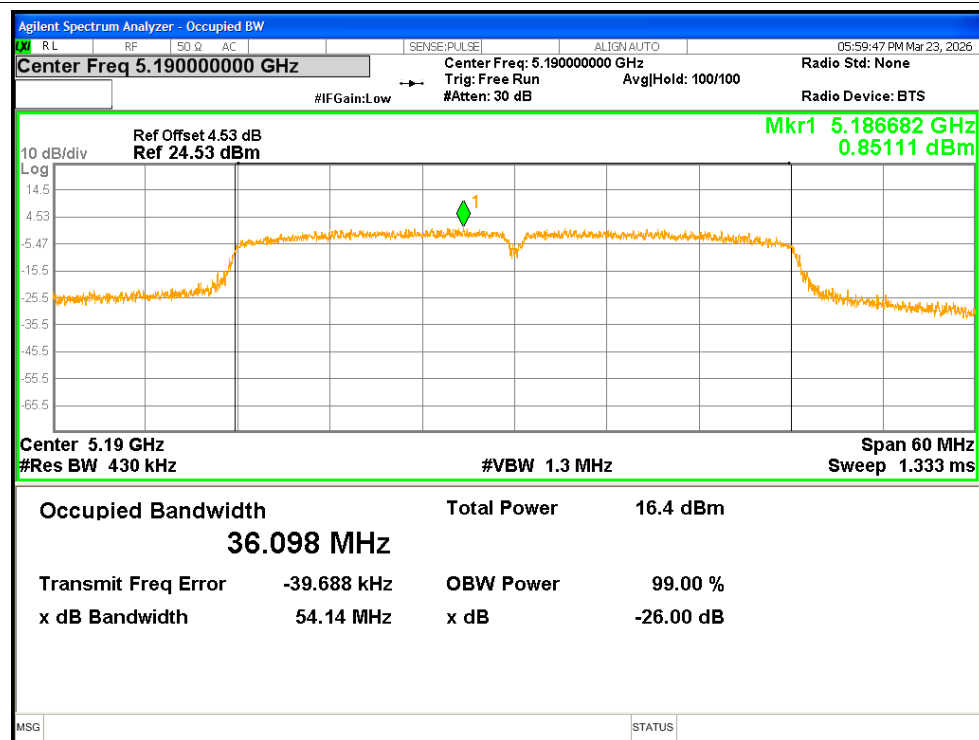
OBW NVNT n20 5240MHz Ant1



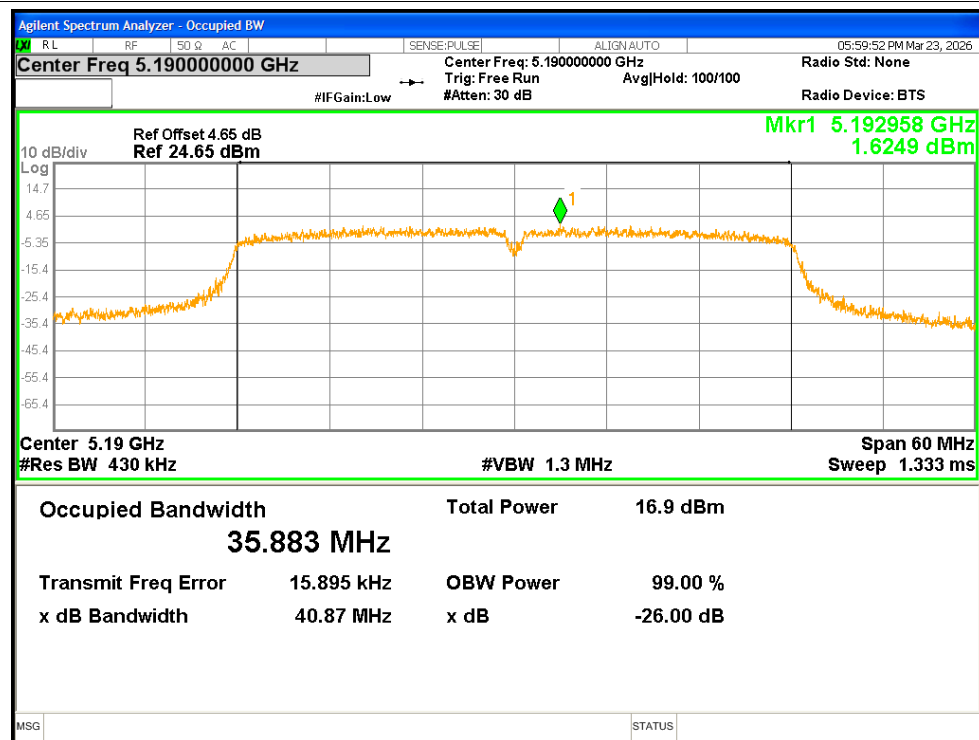
OBW NVNT n20 5240MHz Ant2



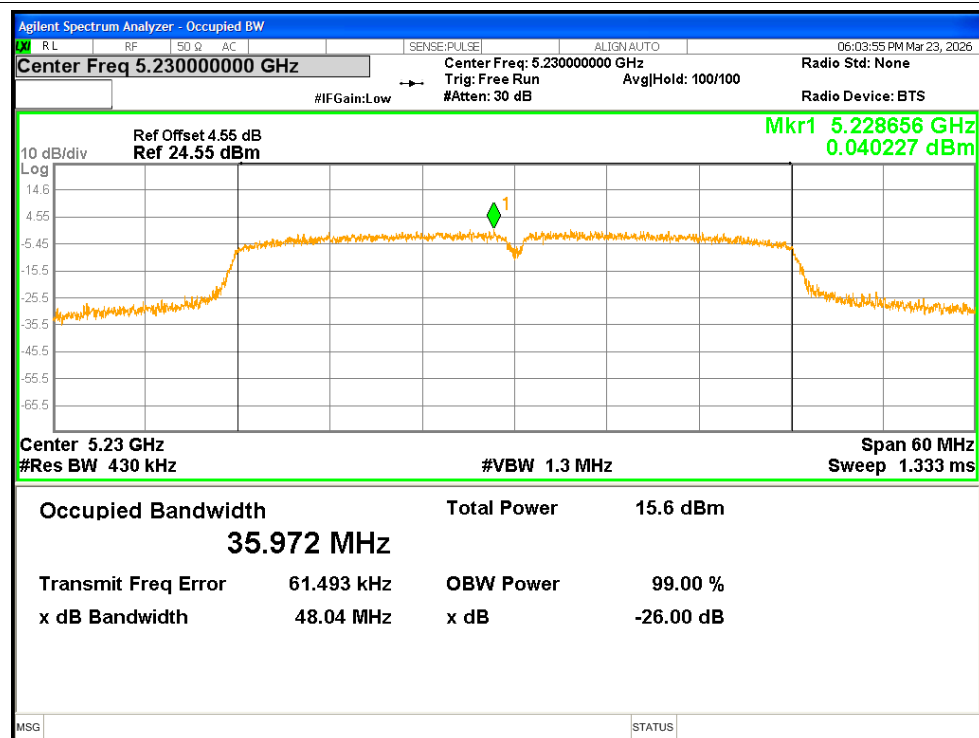
OBW NVNT n40 5190MHz Ant1



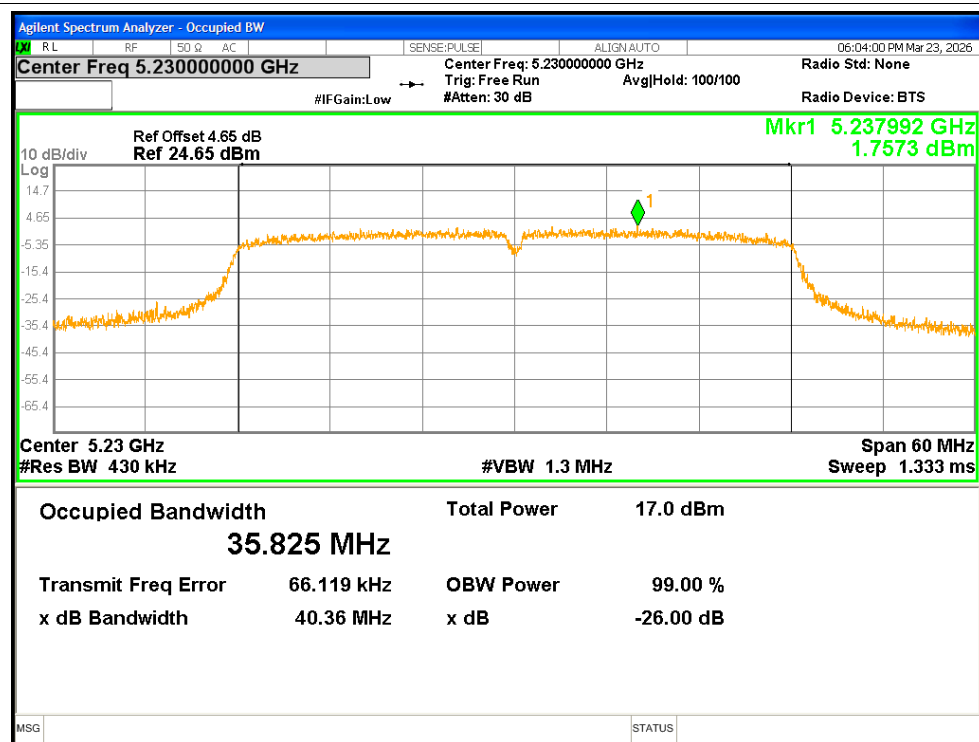
OBW NVNT n40 5190MHz Ant2



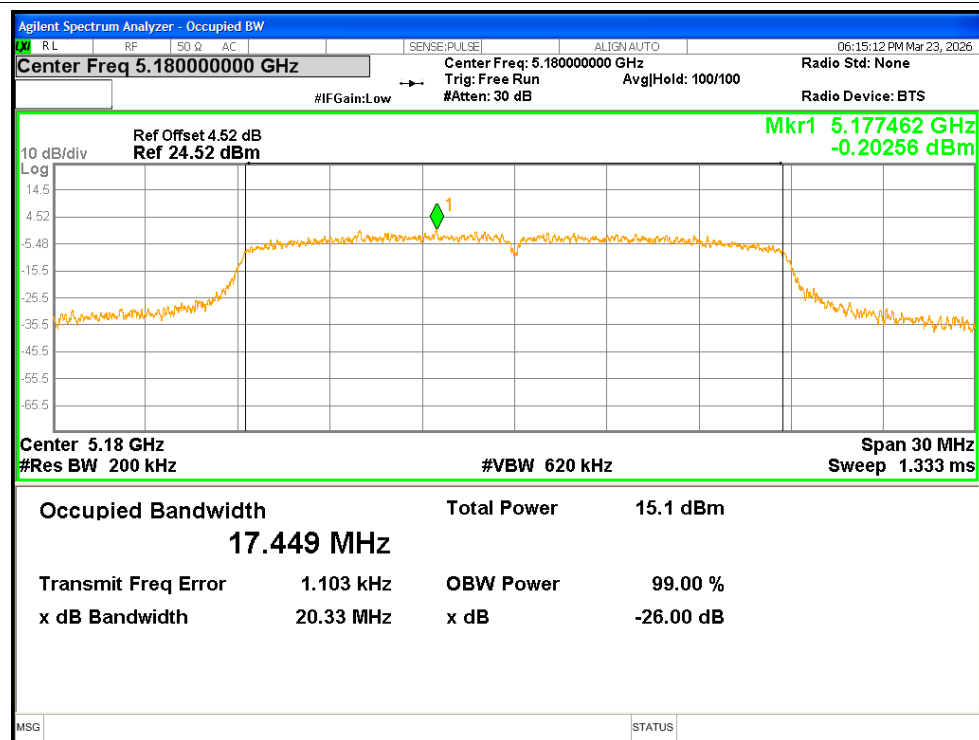
OBW NVNT n40 5230MHz Ant1



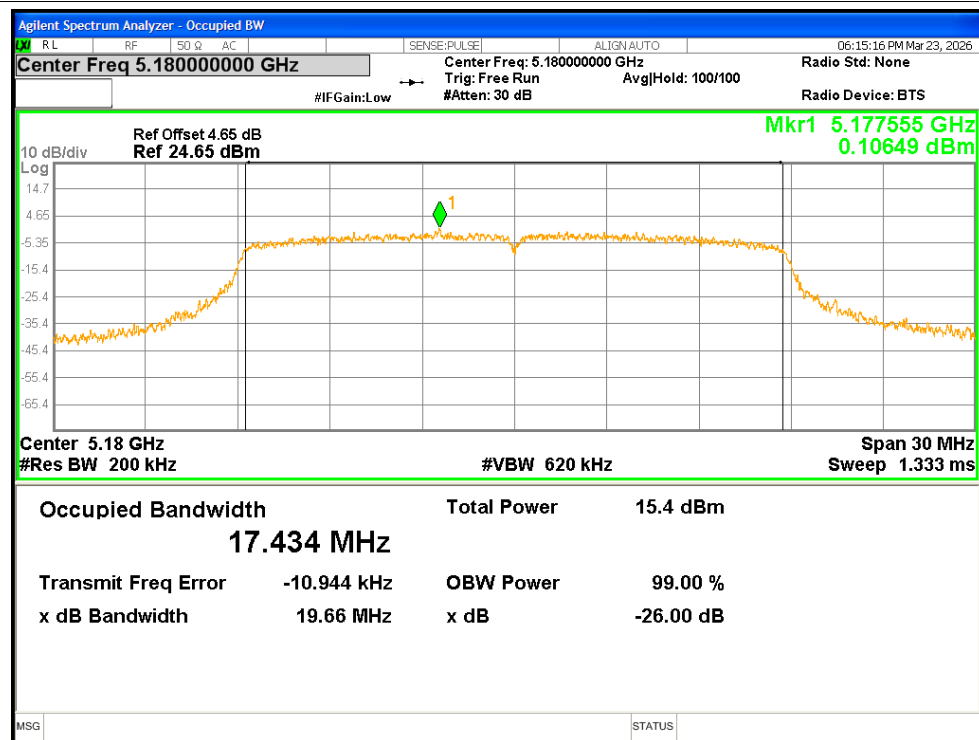
OBW NVNT n40 5230MHz Ant2



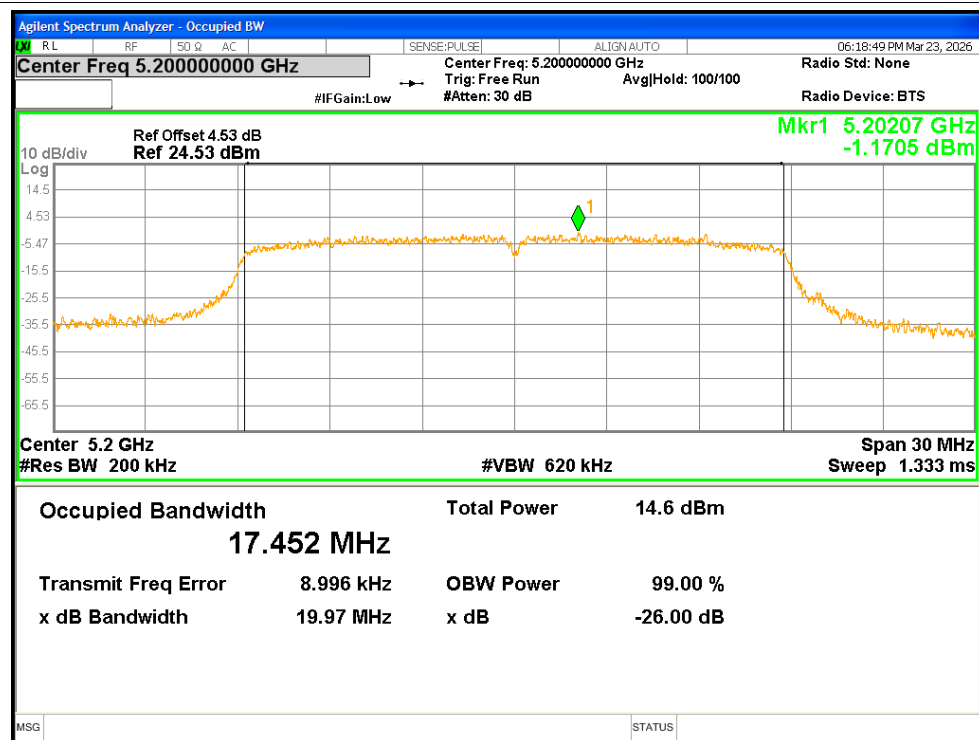
OBW NVNT ac20 5180MHz Ant1



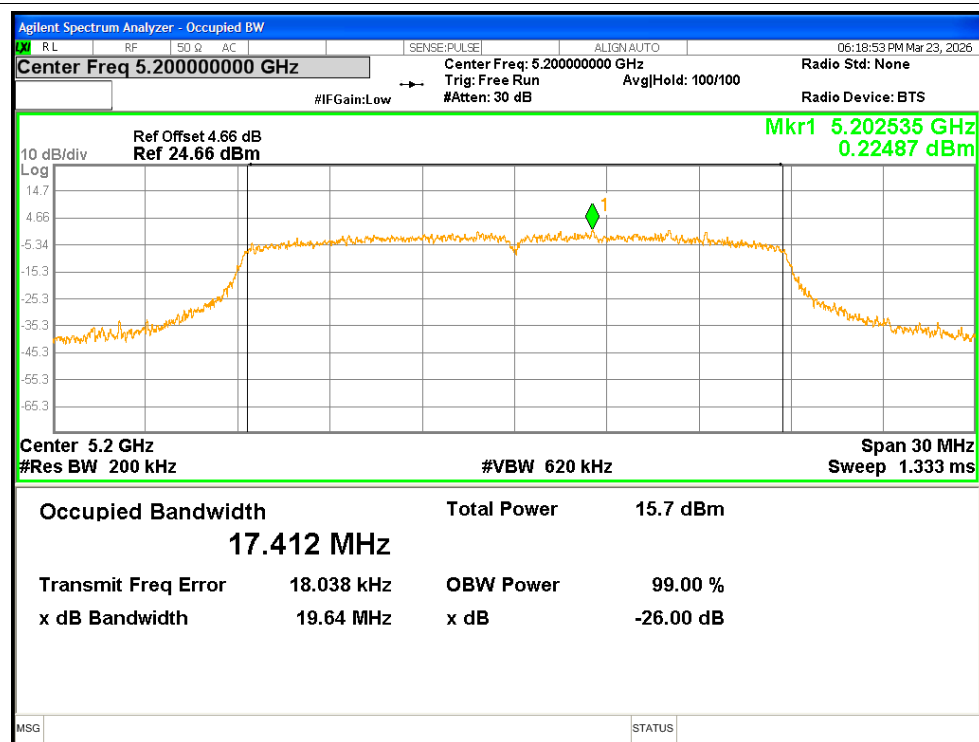
OBW NVNT ac20 5180MHz Ant2



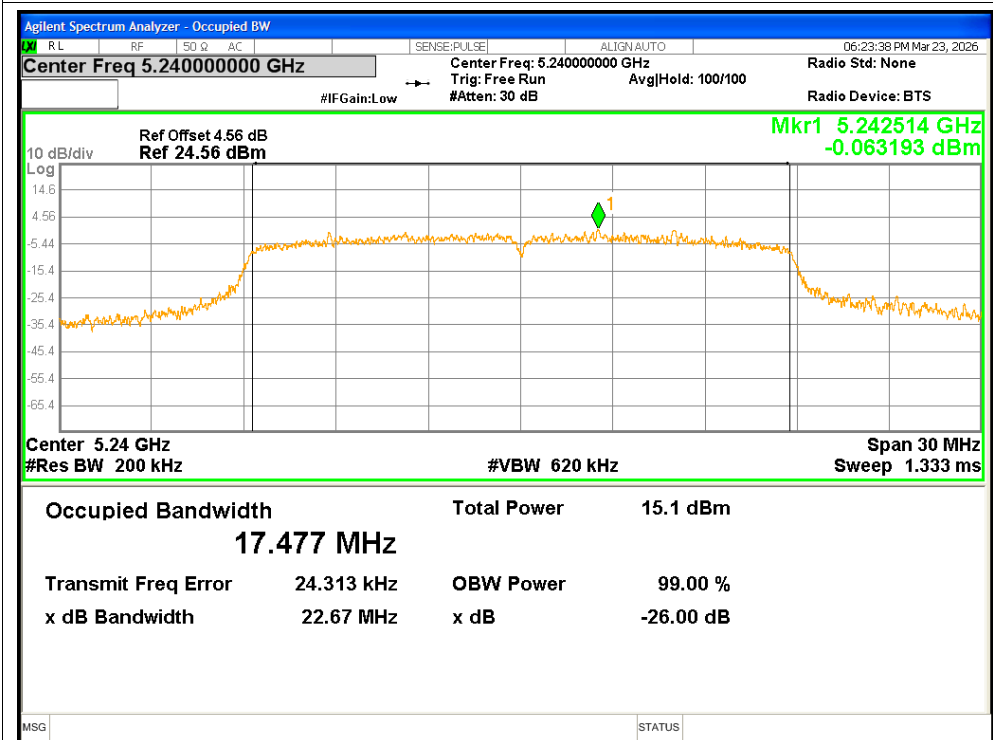
OBW NVNT ac20 5200MHz Ant1



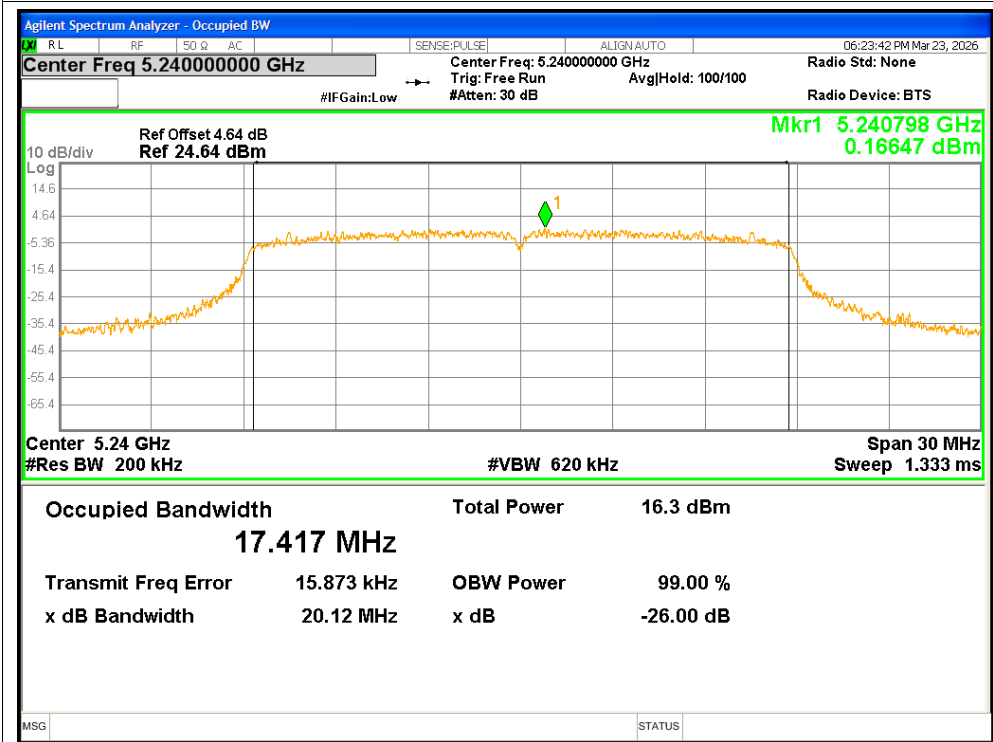
OBW NVNT ac20 5200MHz Ant2



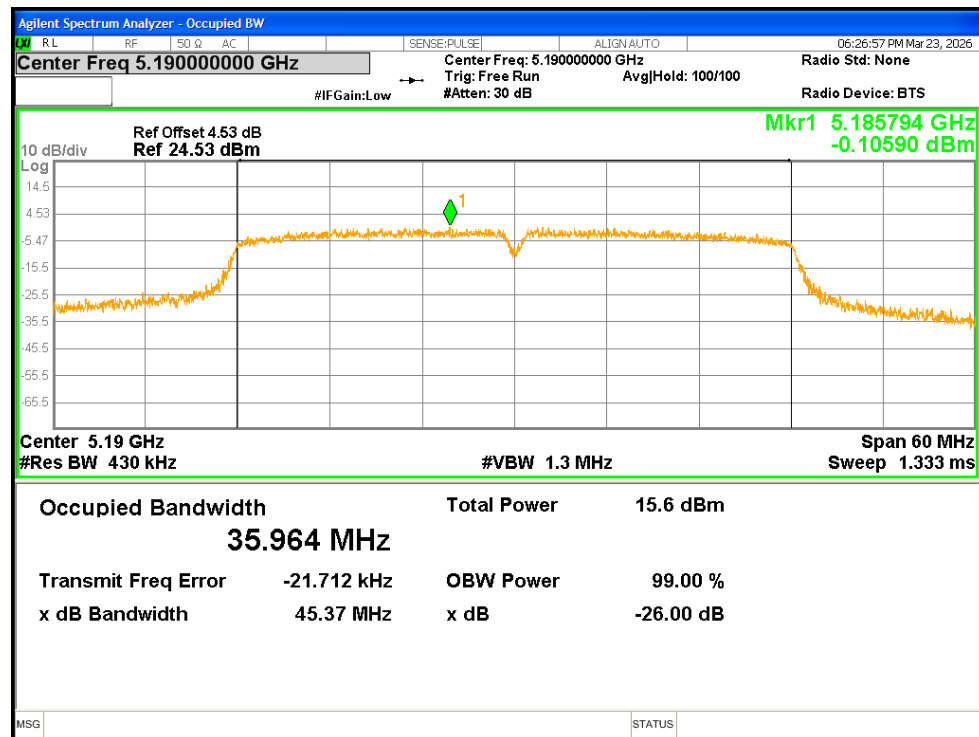
OBW NVNT ac20 5240MHz Ant1



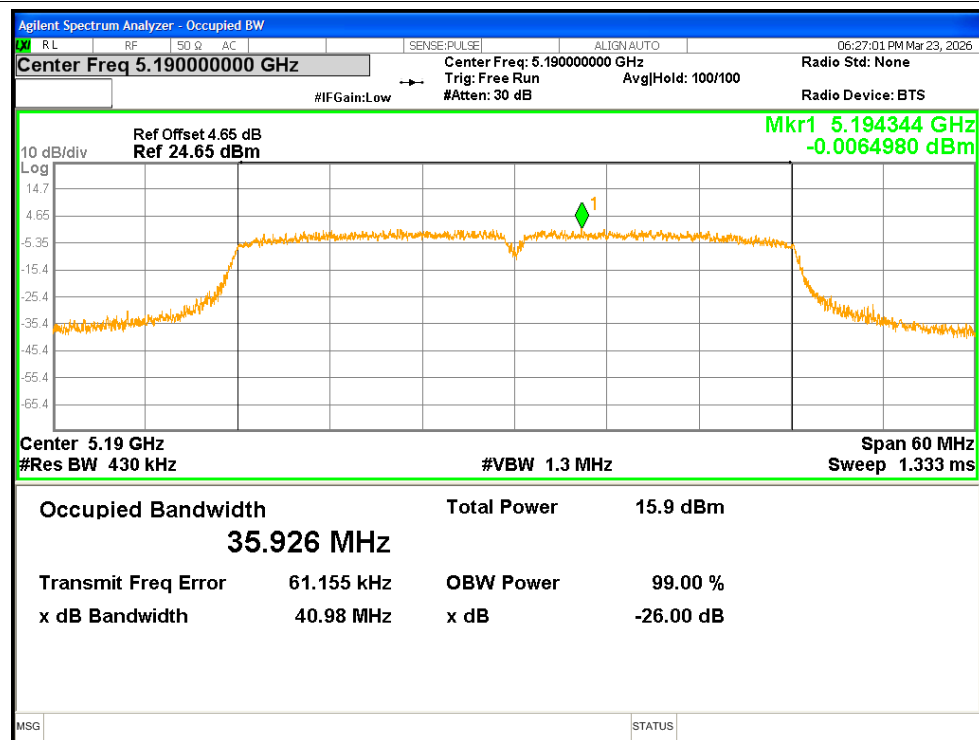
OBW NVNT ac20 5240MHz Ant2



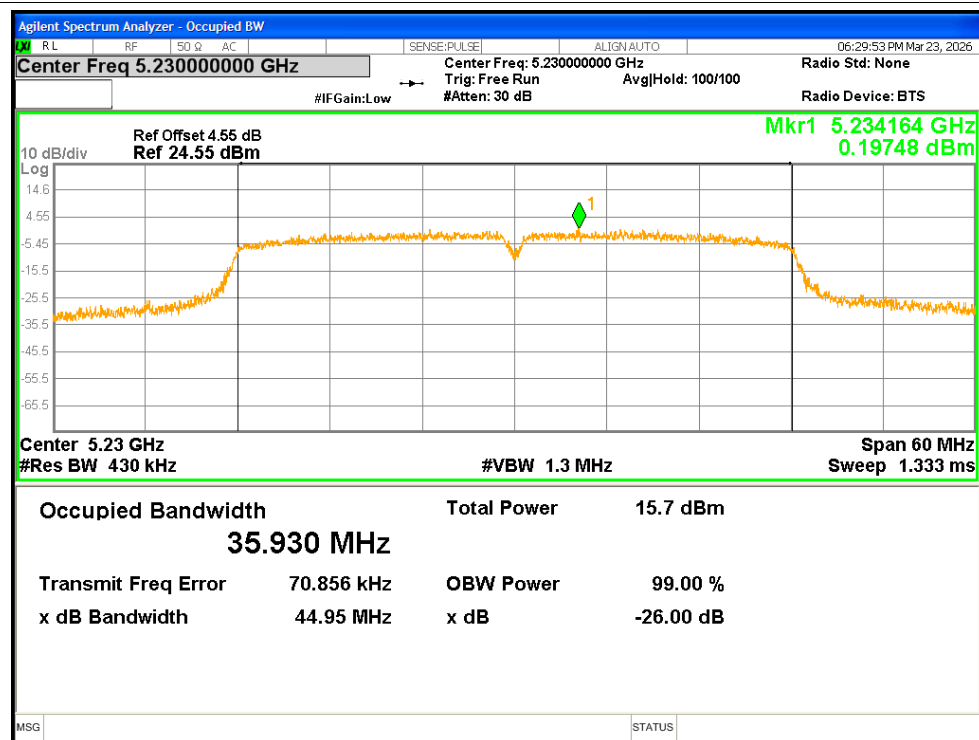
OBW NVNT ac40 5190MHz Ant1



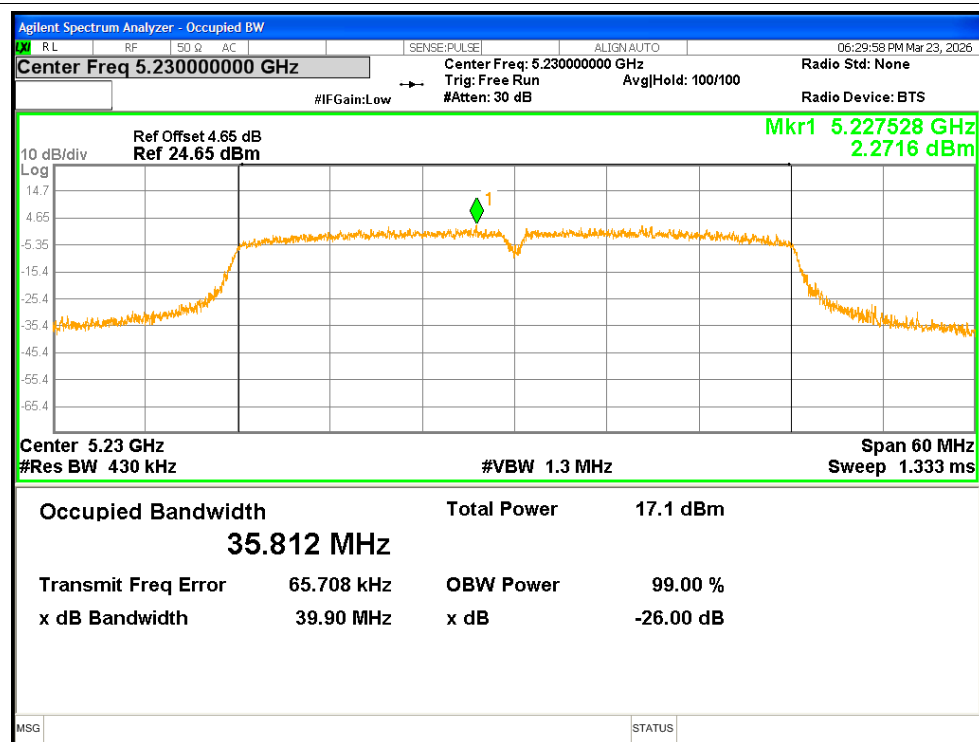
OBW NVNT ac40 5190MHz Ant2



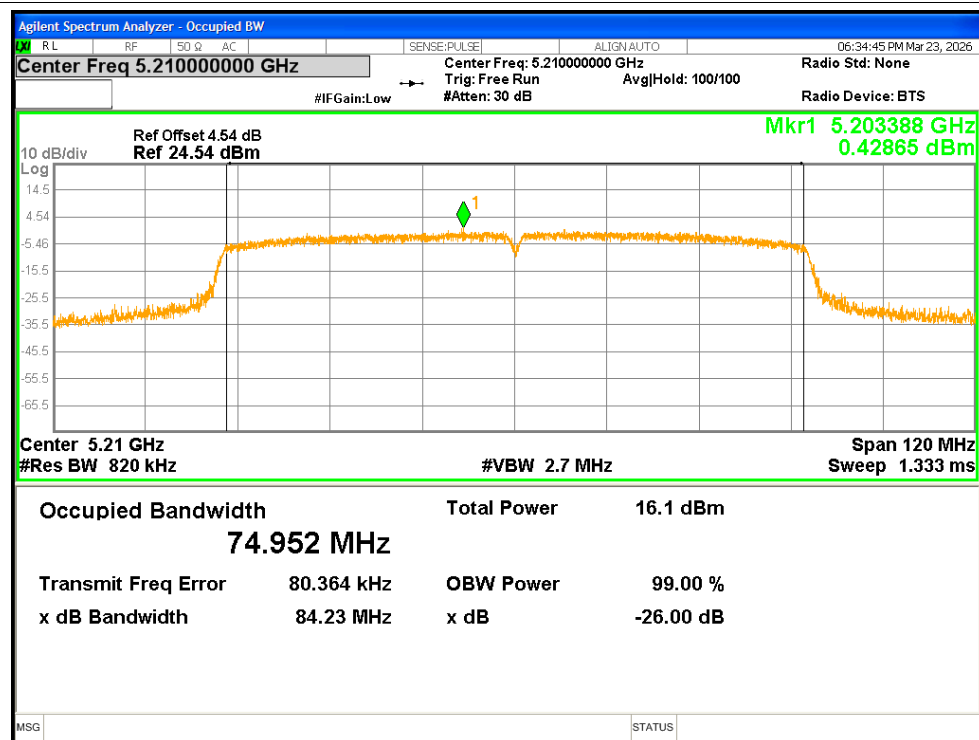
OBW NVNT ac40 5230MHz Ant1



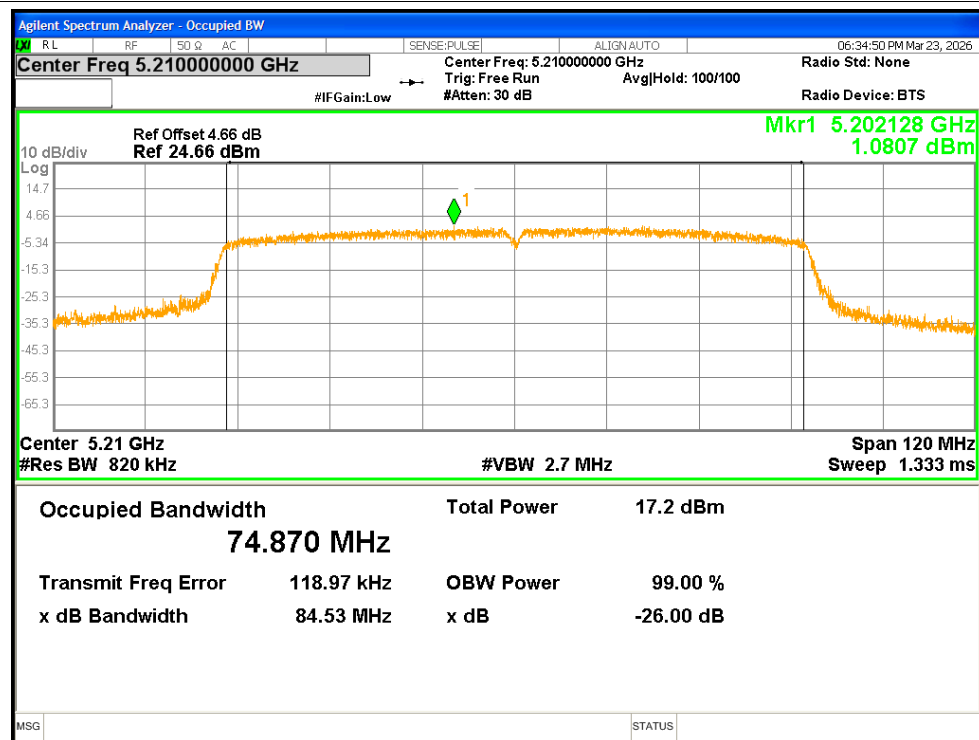
OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz Ant2

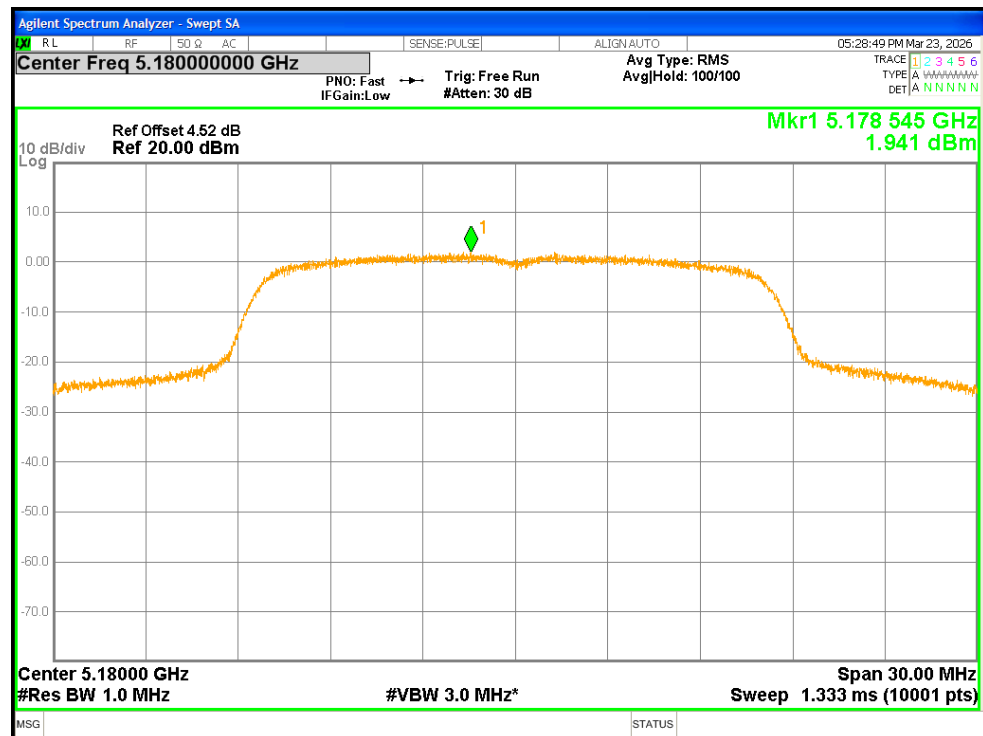


Maximum Power Spectral Density Level

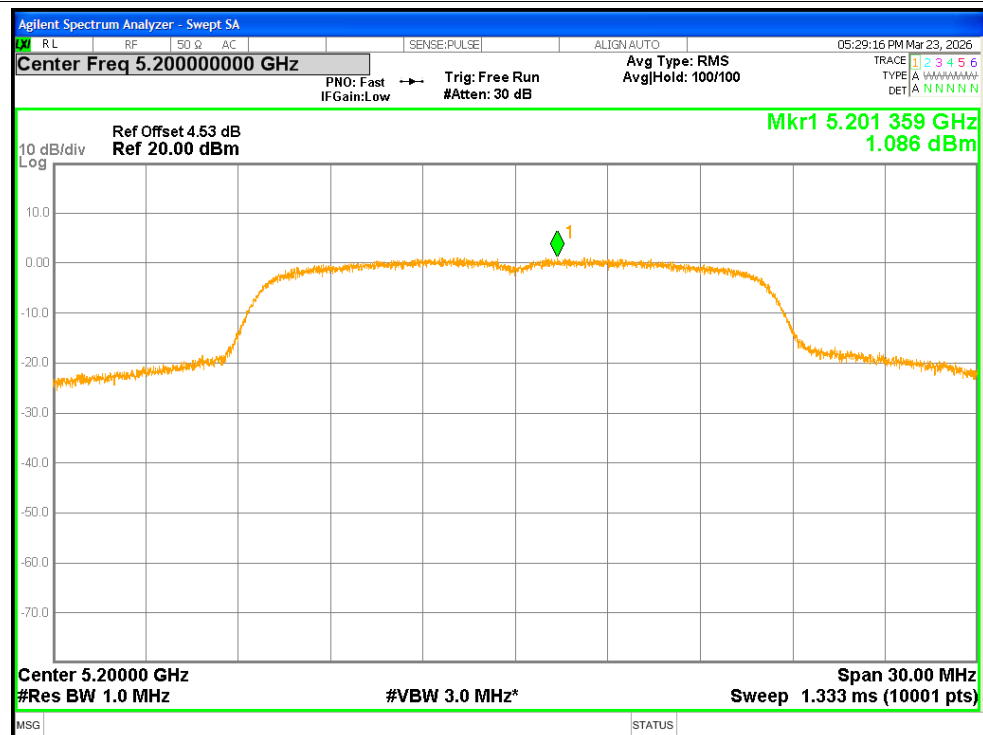
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	1.941	0.13	2.071	<=11	Pass
NVNT	a	5200	Ant1	1.086	0.1	1.186	<=11	Pass
NVNT	a	5240	Ant1	1.615	0.13	1.745	<=11	Pass
NVNT	a	5180	Ant2	0.863	0.14	1.003	<=11	Pass
NVNT	a	5200	Ant2	1.626	0.12	1.746	<=11	Pass
NVNT	a	5240	Ant2	2.472	0.13	2.602	<=11	Pass
NVNT	n20	5180	Ant1	2.116	0.11	2.226	<=11	Pass
NVNT	n20	5180	Ant2	2.655	0.11	2.765	<=11	Pass
NVNT	n20	5180	MIMO	5.404	0.11	5.514	<=11	Pass
NVNT	n20	5200	Ant1	1.428	0.1	1.528	<=11	Pass
NVNT	n20	5200	Ant2	2.617	0.1	2.717	<=11	Pass
NVNT	n20	5200	MIMO	5.073	0.1	5.173	<=11	Pass
NVNT	n20	5240	Ant1	1.889	0.15	2.039	<=11	Pass
NVNT	n20	5240	Ant2	3.157	0.15	3.307	<=11	Pass
NVNT	n20	5240	MIMO	5.579	0.15	5.729	<=11	Pass
NVNT	n40	5190	Ant1	-1.892	0.19	-1.702	<=11	Pass
NVNT	n40	5190	Ant2	-1.522	0.19	-1.332	<=11	Pass
NVNT	n40	5190	MIMO	1.307	0.19	1.497	<=11	Pass
NVNT	n40	5230	Ant1	-1.892	0.19	-1.702	<=11	Pass
NVNT	n40	5230	Ant2	-0.466	0.19	-0.276	<=11	Pass
NVNT	n40	5230	MIMO	1.89	0.19	2.08	<=11	Pass
NVNT	ac20	5180	Ant1	0.918	0.09	1.008	<=11	Pass
NVNT	ac20	5180	Ant2	1.282	0.09	1.372	<=11	Pass
NVNT	ac20	5180	MIMO	4.114	0.09	4.204	<=11	Pass
NVNT	ac20	5200	Ant1	0.511	0.09	0.601	<=11	Pass
NVNT	ac20	5200	Ant2	1.601	0.09	1.691	<=11	Pass
NVNT	ac20	5200	MIMO	4.1	0.09	4.19	<=11	Pass
NVNT	ac20	5240	Ant1	0.574	0.12	0.694	<=11	Pass
NVNT	ac20	5240	Ant2	2.293	0.12	2.413	<=11	Pass
NVNT	ac20	5240	MIMO	4.528	0.12	4.648	<=11	Pass
NVNT	ac40	5190	Ant1	-1.853	0.2	-1.653	<=11	Pass
NVNT	ac40	5190	Ant2	-1.425	0.2	-1.225	<=11	Pass
NVNT	ac40	5190	MIMO	1.377	0.2	1.577	<=11	Pass
NVNT	ac40	5230	Ant1	-1.7	0.19	-1.51	<=11	Pass
NVNT	ac40	5230	Ant2	-0.36	0.19	-0.17	<=11	Pass
NVNT	ac40	5230	MIMO	2.032	0.19	2.222	<=11	Pass
NVNT	ac80	5210	Ant1	-5.507	0.39	-5.117	<=11	Pass
NVNT	ac80	5210	Ant2	-3.902	0.39	-3.512	<=11	Pass
NVNT	ac80	5210	MIMO	-1.62	0.39	-1.23	<=11	Pass

Test Graphs

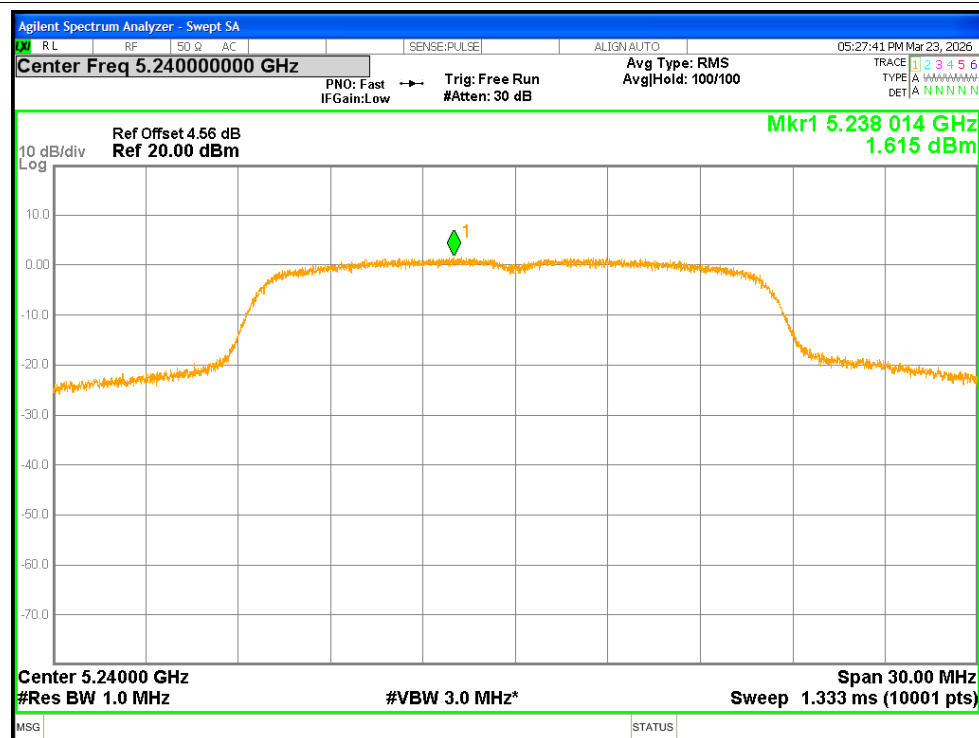
PSD NVNT a 5180MHz Ant1



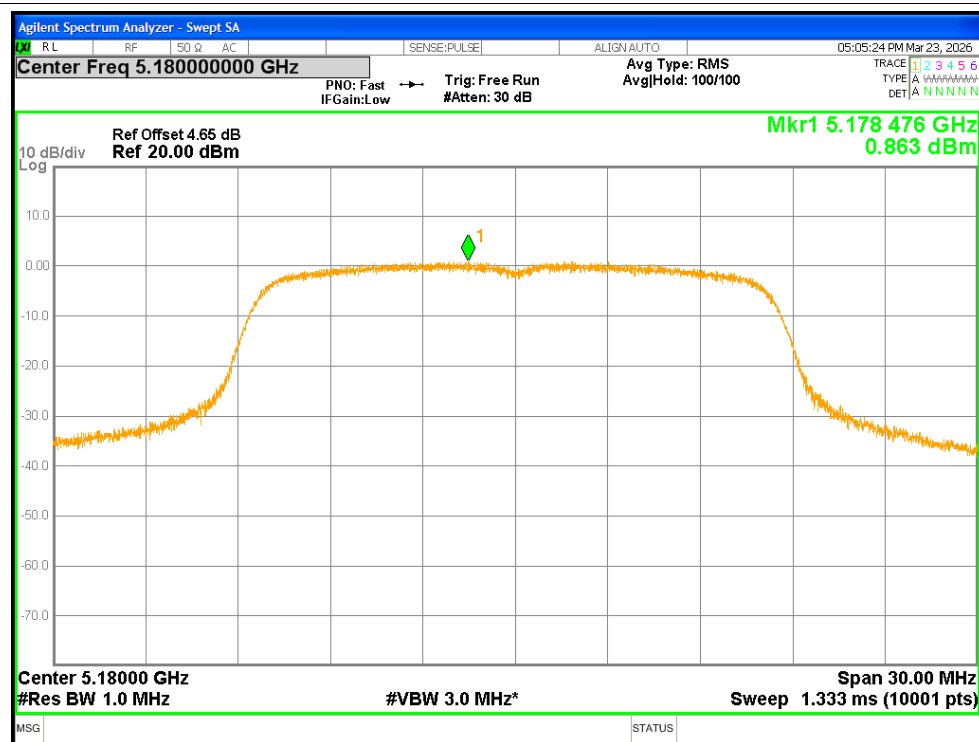
PSD NVNT a 5200MHz Ant1



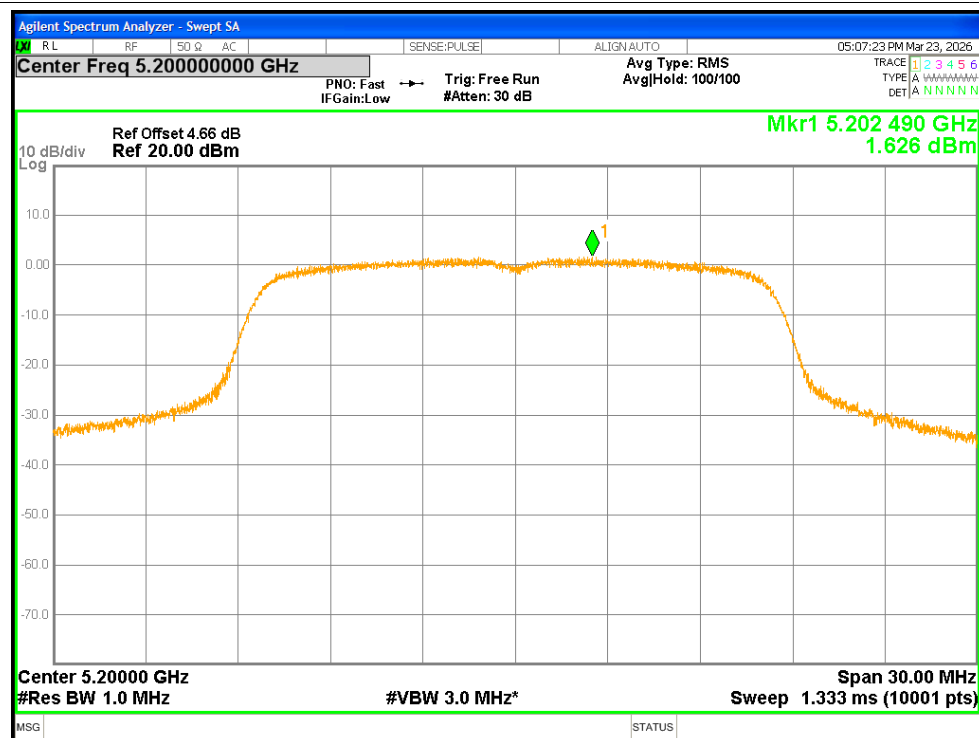
PSD NVNT a 5240MHz Ant1



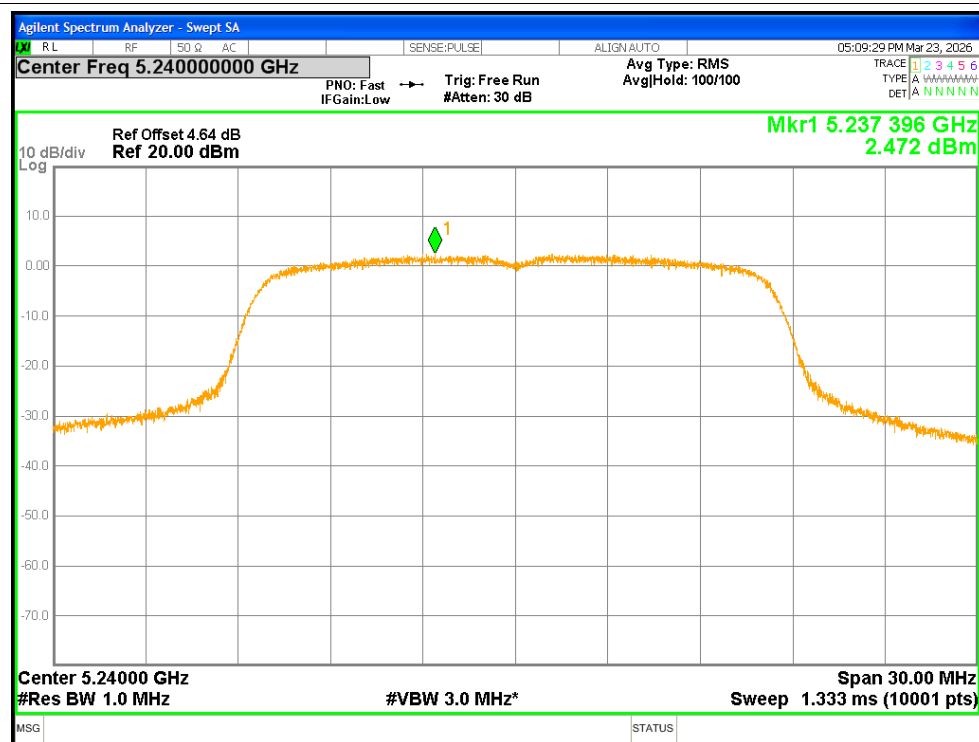
PSD NVNT a 5180MHz Ant2



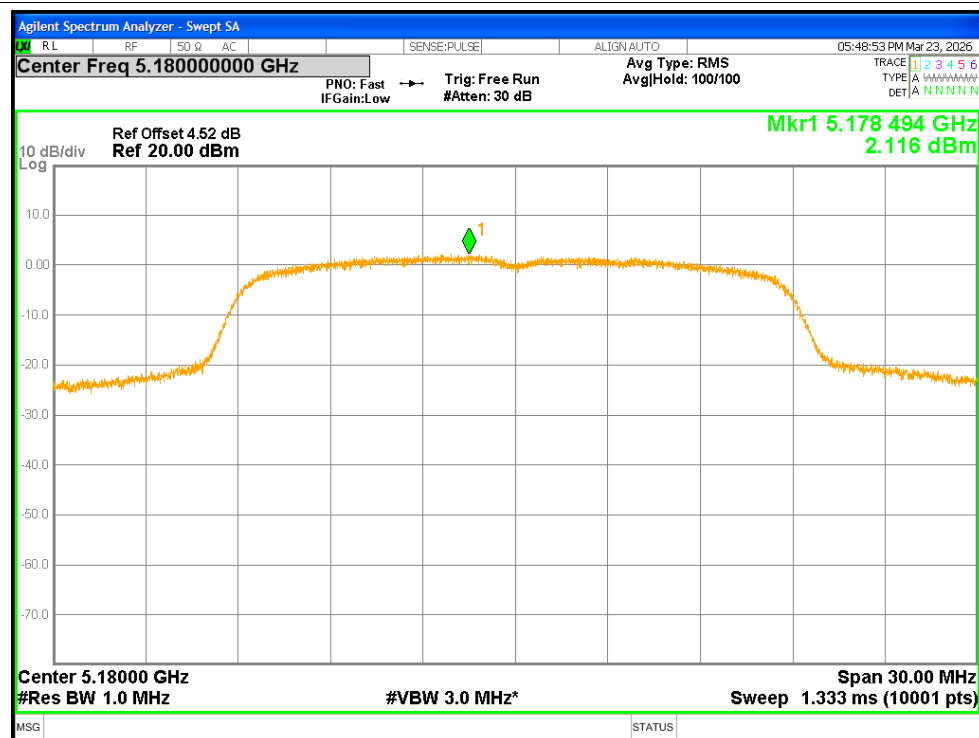
PSD NVNT a 5200MHz Ant2



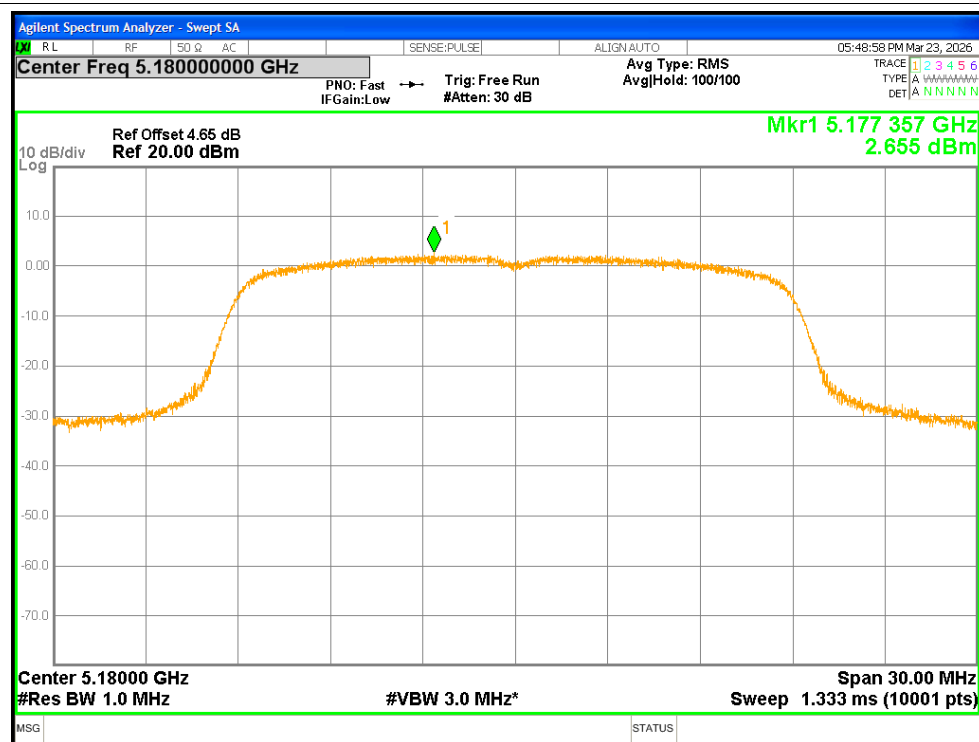
PSD NVNT a 5240MHz Ant2



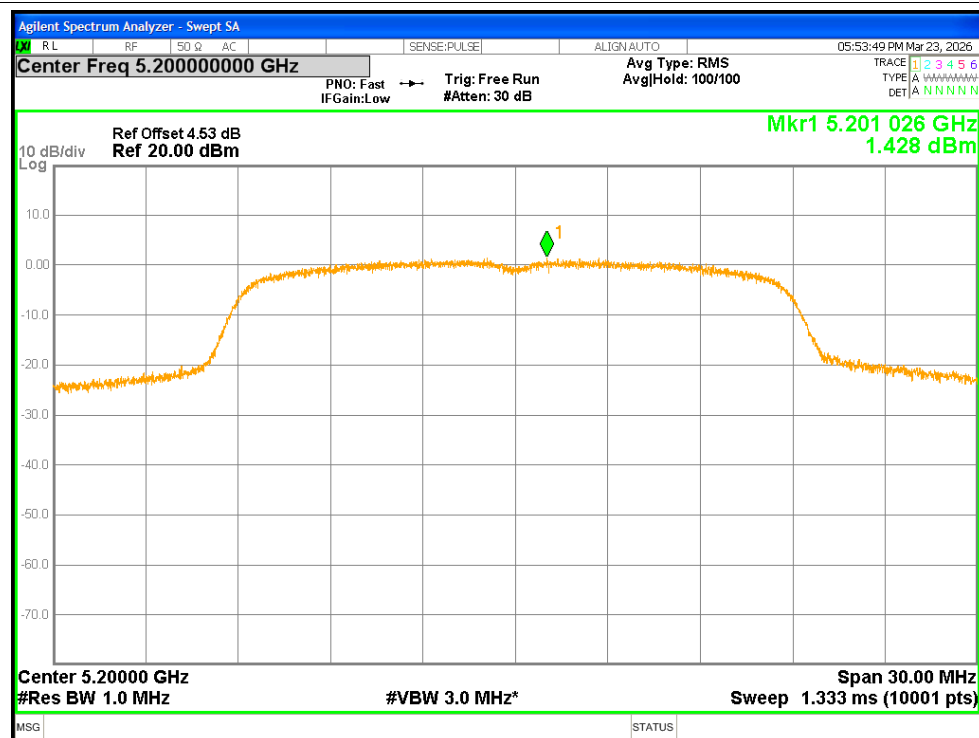
PSD NVNT n20 5180MHz Ant1



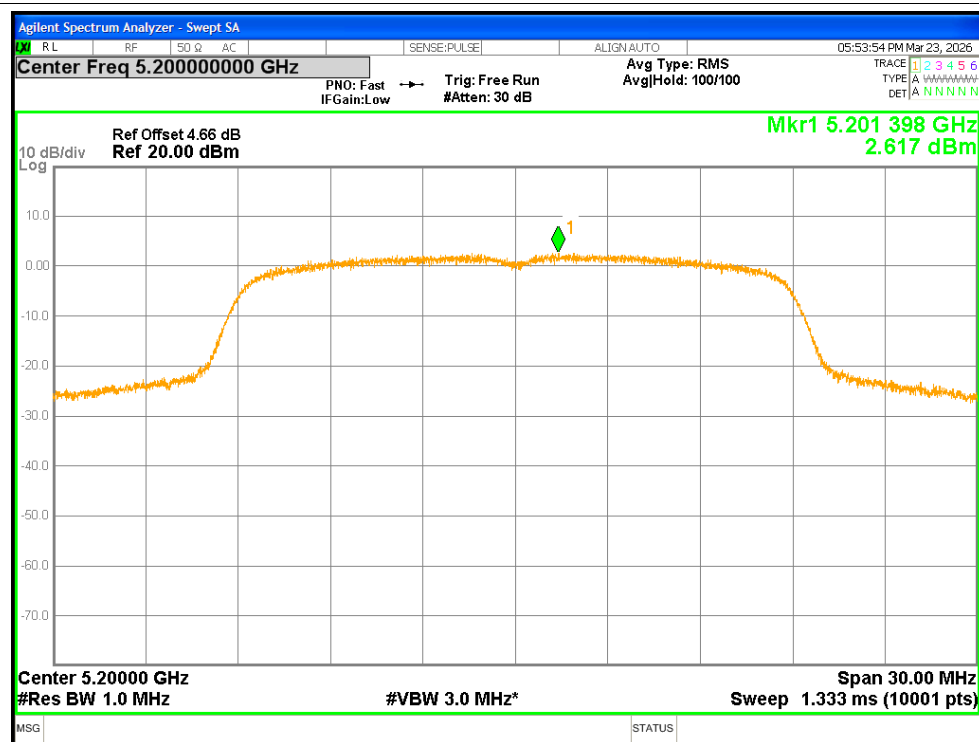
PSD NVNT n20 5180MHz Ant2



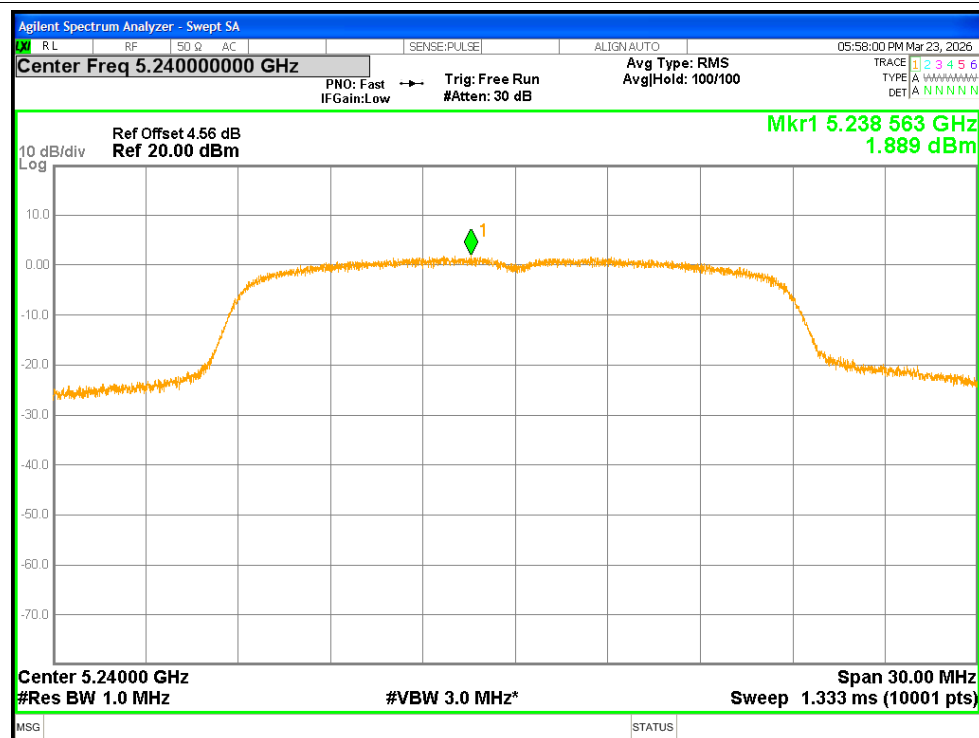
PSD NVNT n20 5200MHz Ant1



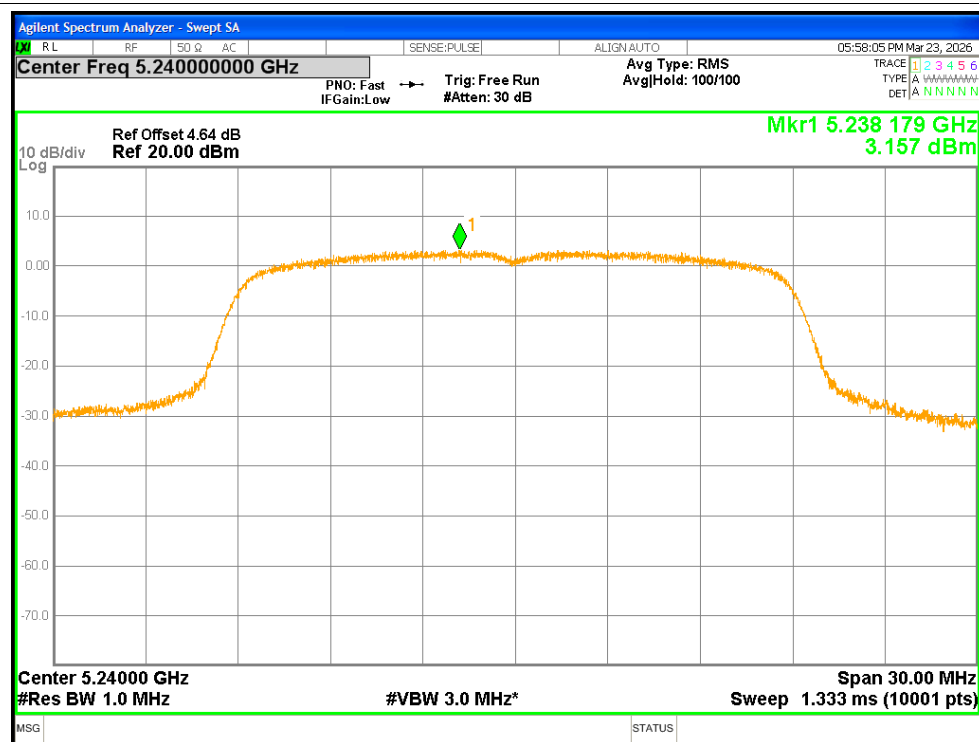
PSD NVNT n20 5200MHz Ant2



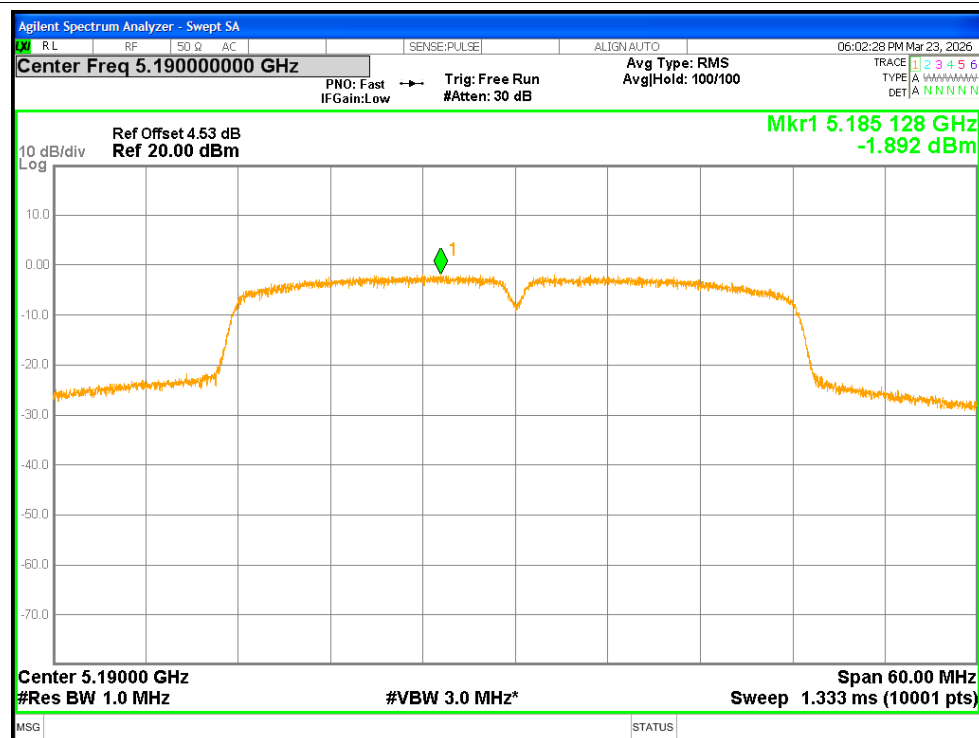
PSD NVNT n20 5240MHz Ant1



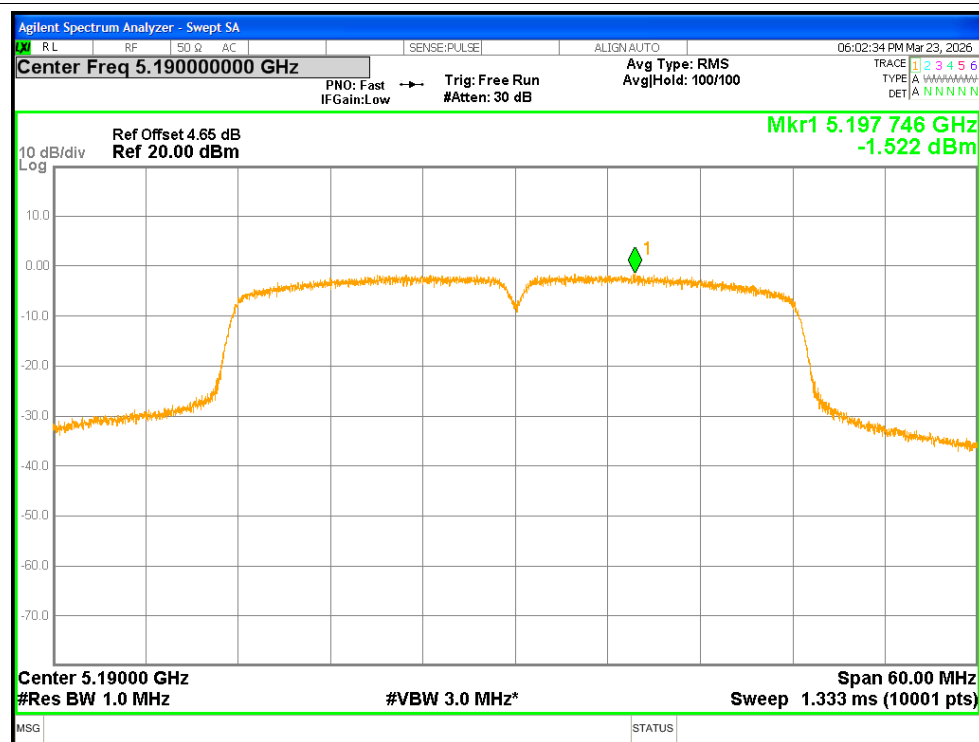
PSD NVNT n20 5240MHz Ant2



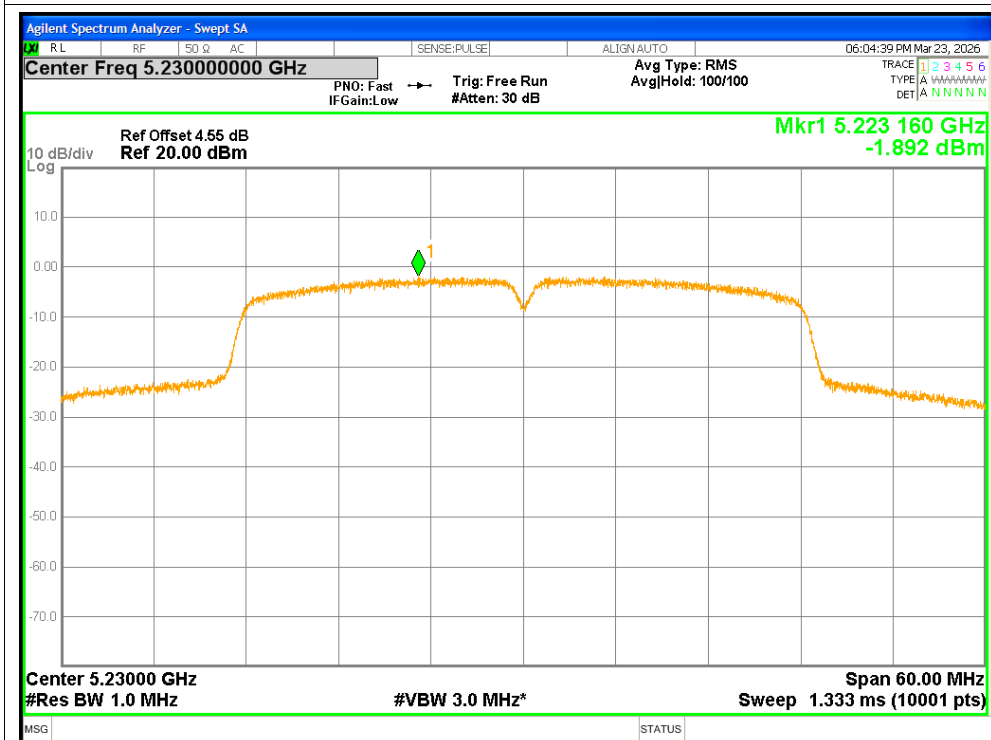
PSD NVNT n40 5190MHz Ant1



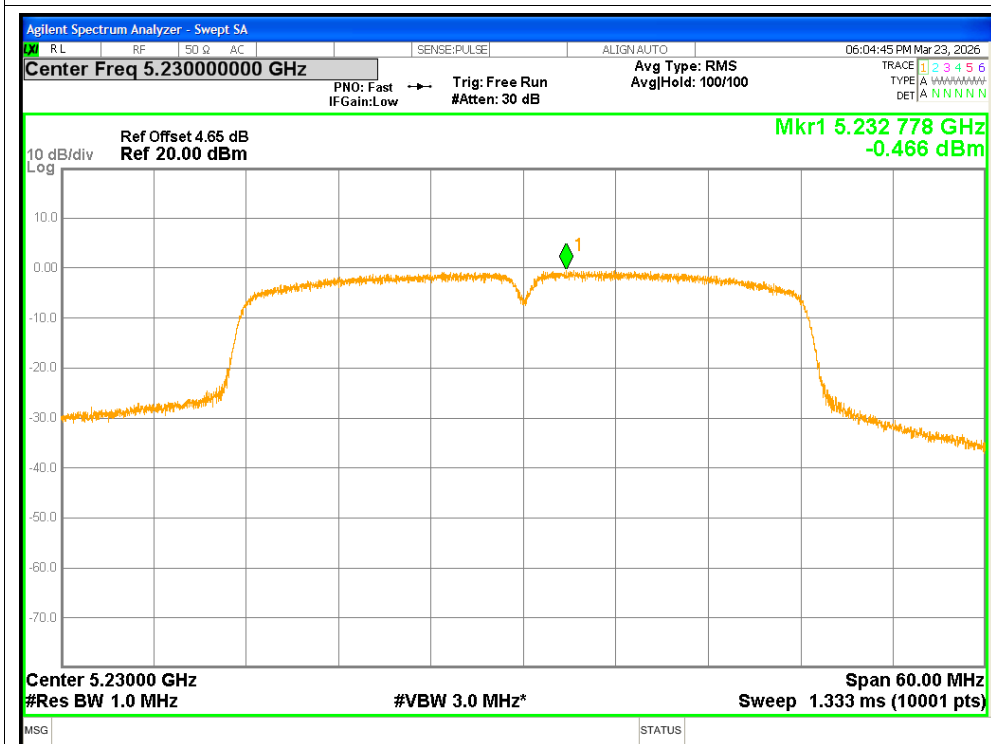
PSD NVNT n40 5190MHz Ant2



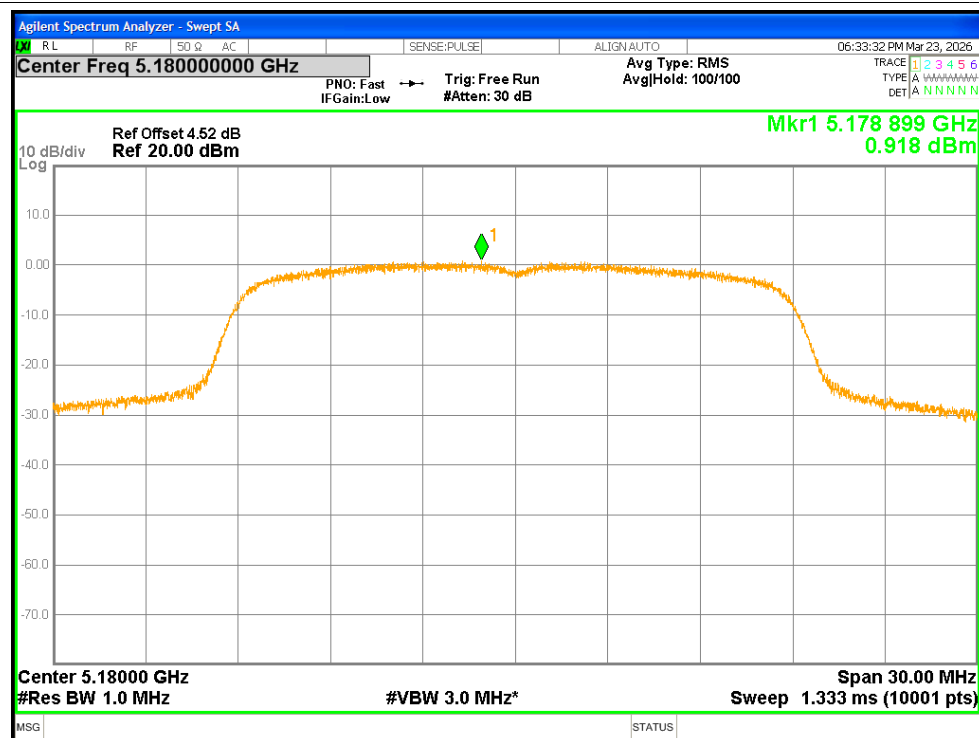
PSD NVNT n40 5230MHz Ant1



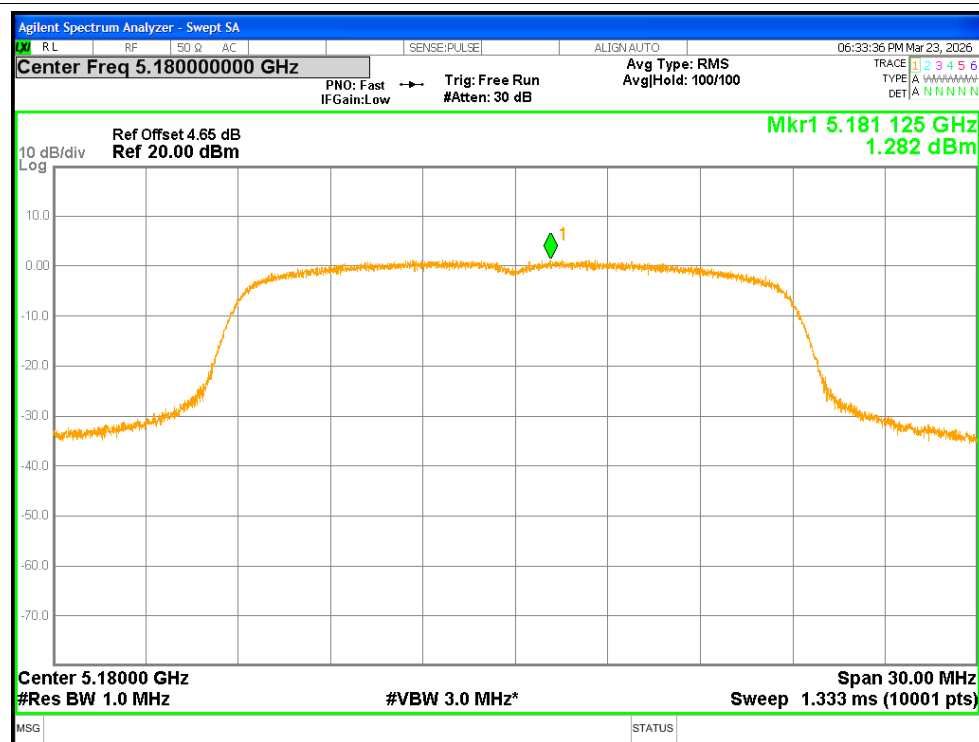
PSD NVNT n40 5230MHz Ant2



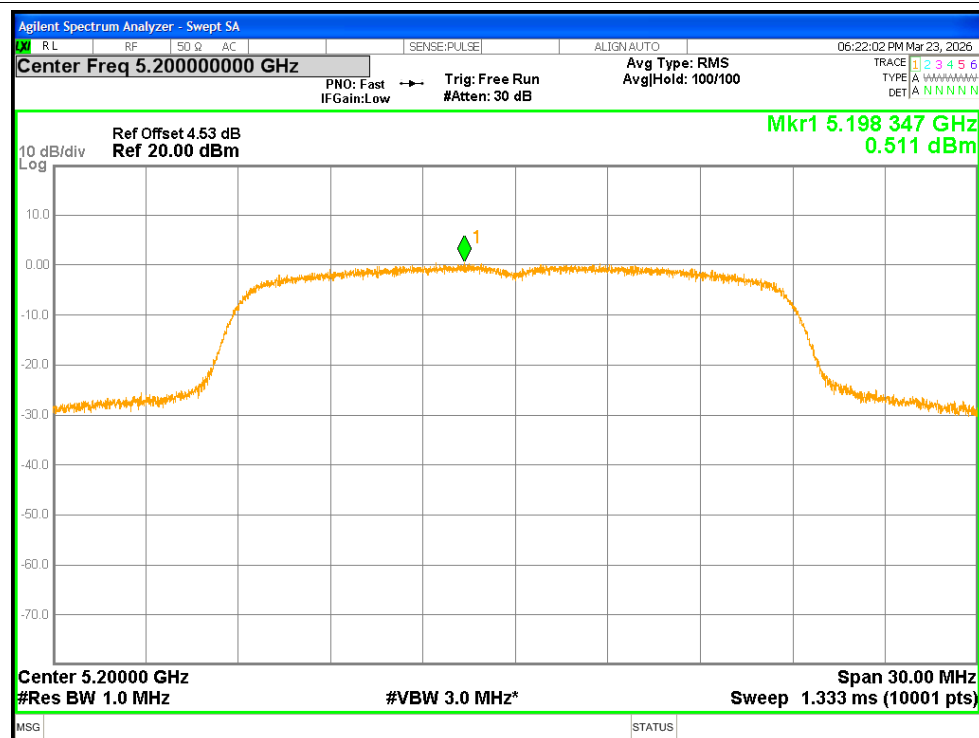
PSD NVNT ac20 5180MHz Ant1



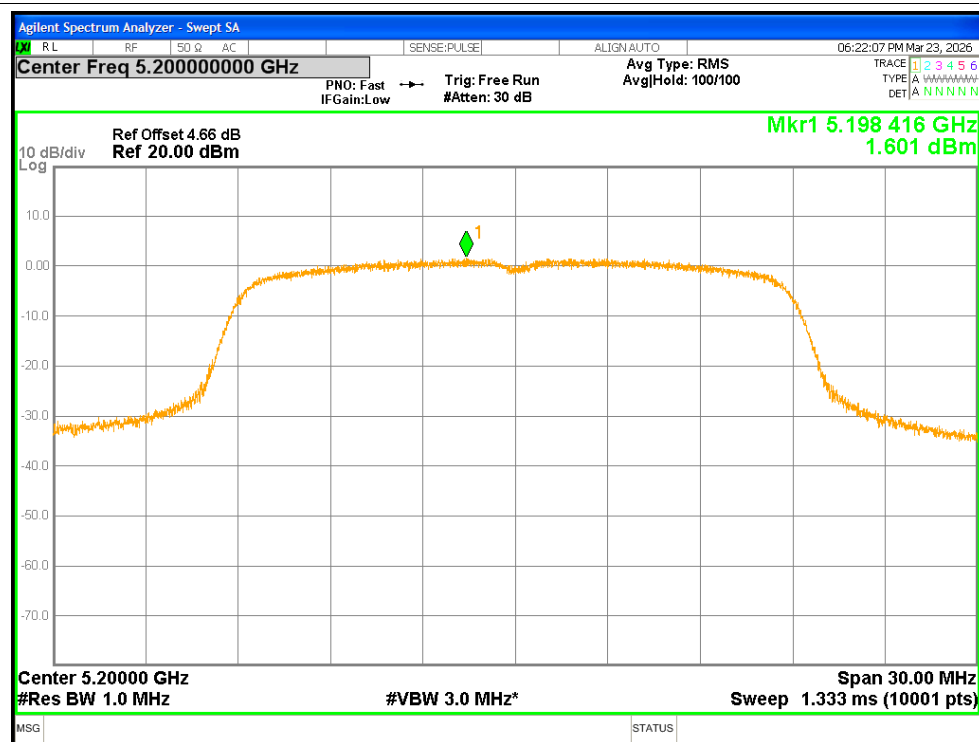
PSD NVNT ac20 5180MHz Ant2



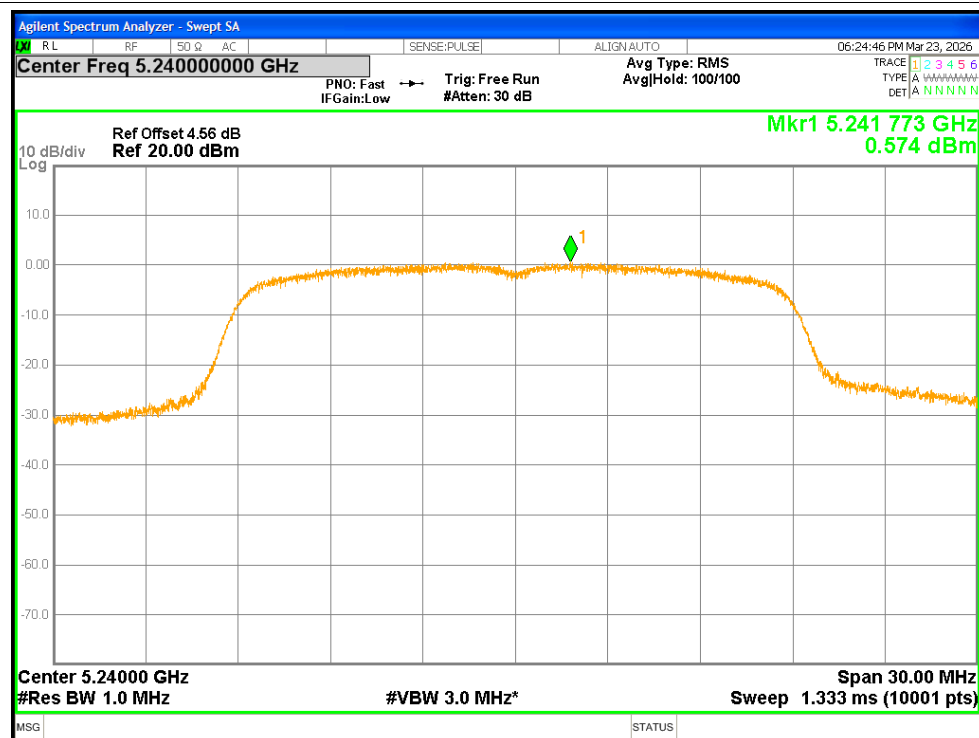
PSD NVNT ac20 5200MHz Ant1



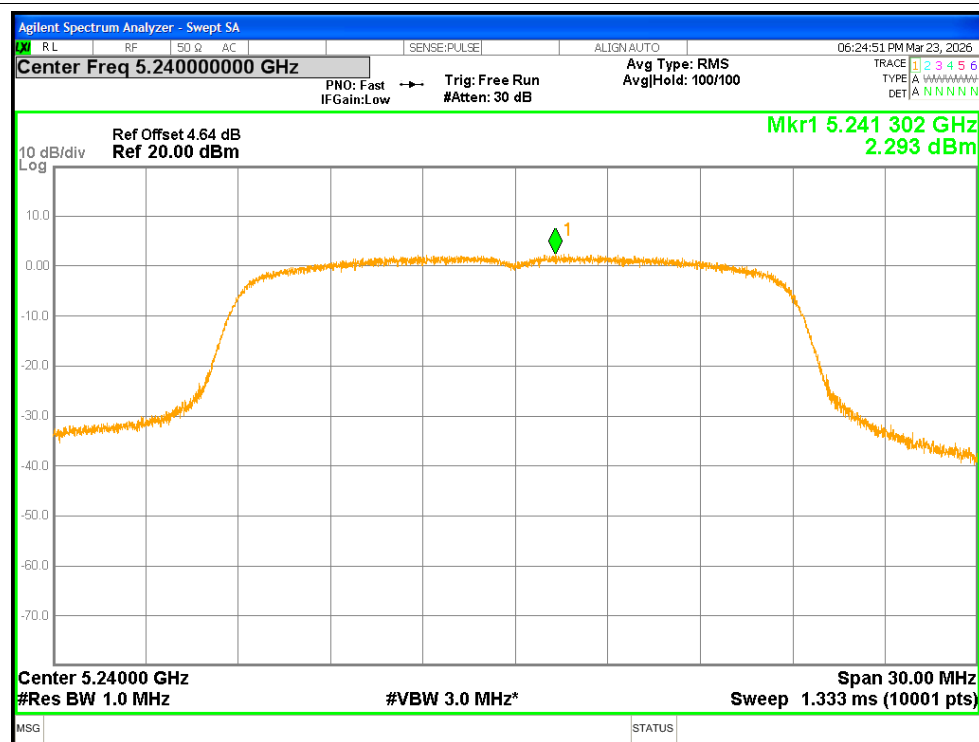
PSD NVNT ac20 5200MHz Ant2



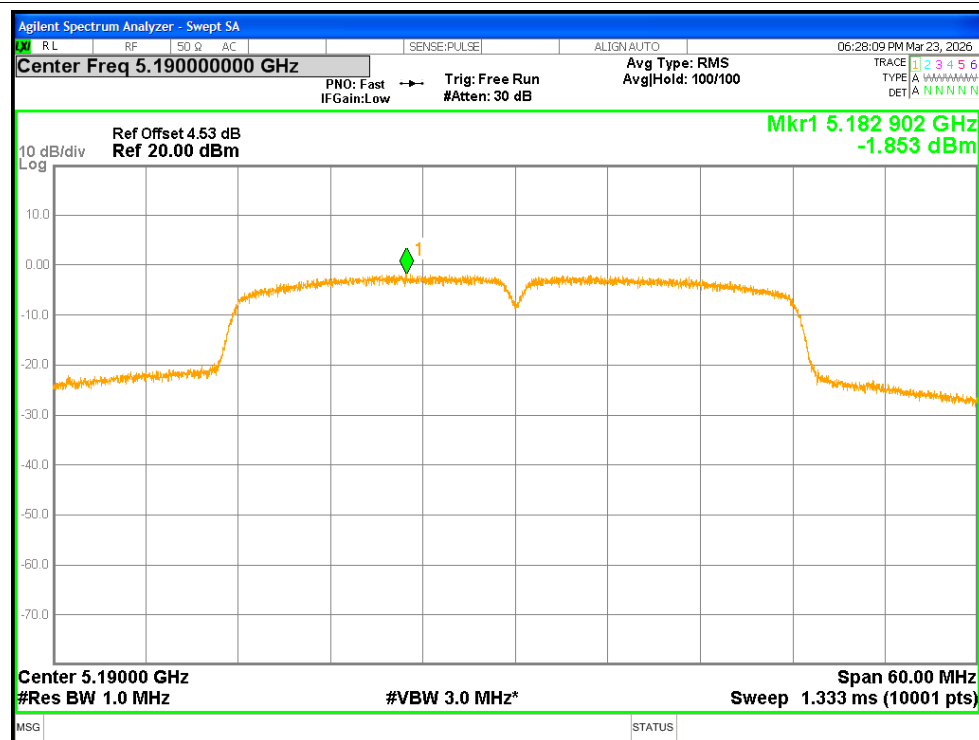
PSD NVNT ac20 5240MHz Ant1



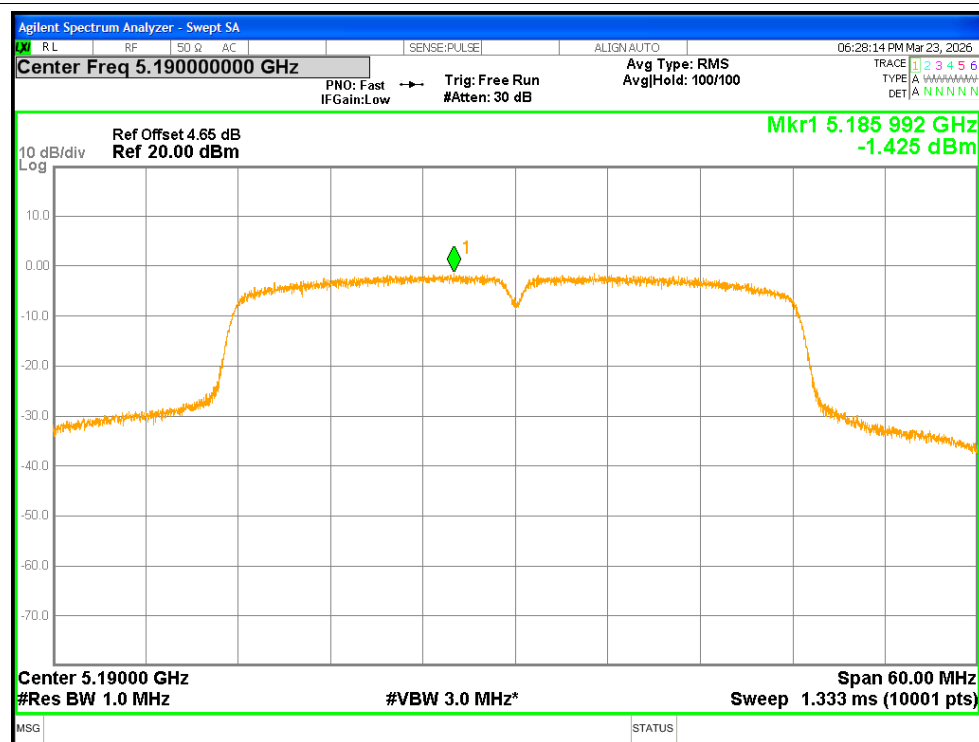
PSD NVNT ac20 5240MHz Ant2



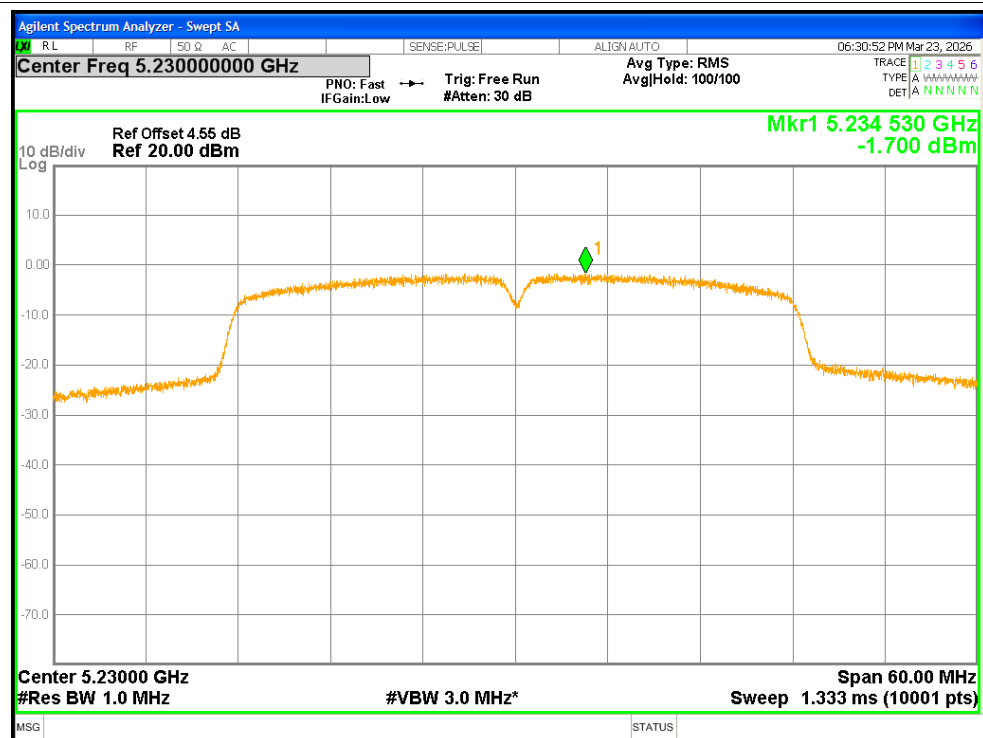
PSD NVNT ac40 5190MHz Ant1



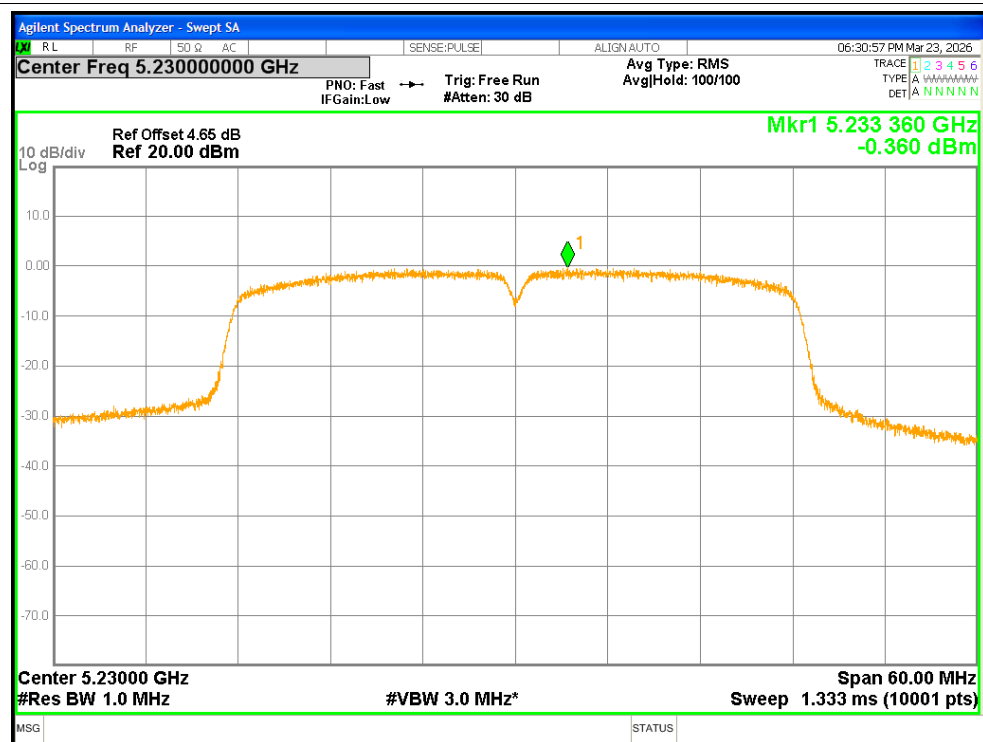
PSD NVNT ac40 5190MHz Ant2



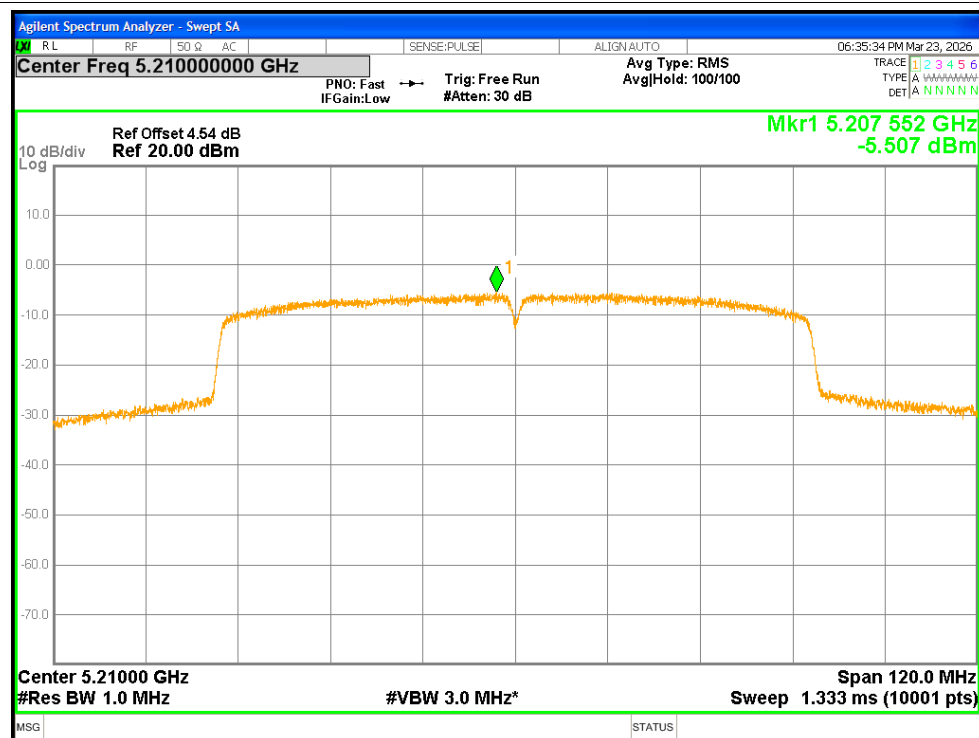
PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac40 5230MHz Ant2



PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5210MHz Ant2

