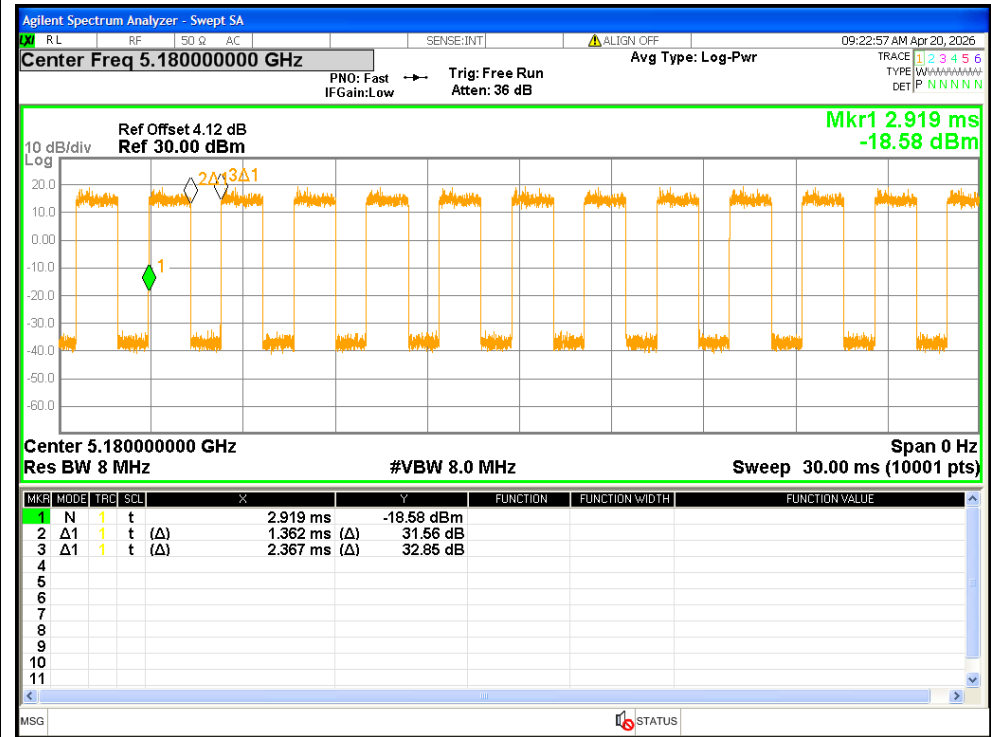


Duty Cycle

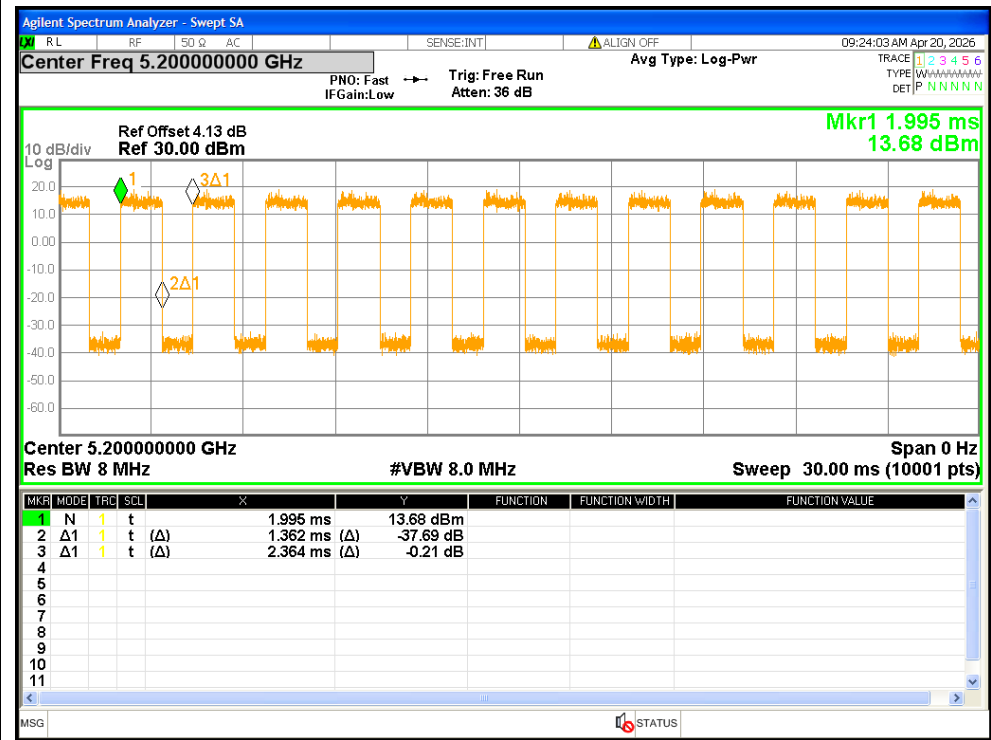
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5180	Ant1	1.362	2.367	57.54	2.4	0.73	0.23
NVNT	a	5200	Ant1	1.362	2.364	57.61	2.4	0.73	0.24
NVNT	a	5240	Ant1	1.362	2.367	57.54	2.4	0.73	0.32
NVNT	a	5180	Ant2	1.359	2.364	57.49	2.4	0.74	0.28
NVNT	a	5200	Ant2	1.362	2.367	57.54	2.4	0.73	0.24
NVNT	a	5240	Ant2	1.359	2.364	57.49	2.4	0.74	0.26
NVNT	n20	5180	Ant1	1.272	2.277	55.86	2.53	0.79	0.22
NVNT	n20	5200	Ant1	1.272	2.277	55.86	2.53	0.79	0.25
NVNT	n20	5240	Ant1	1.272	2.274	55.94	2.52	0.79	0.21
NVNT	n20	5180	Ant2	1.272	2.277	55.86	2.53	0.79	0.26
NVNT	n20	5200	Ant2	1.272	2.277	55.86	2.53	0.79	0.22
NVNT	n20	5240	Ant2	1.272	2.274	55.94	2.52	0.79	0.25
NVNT	n40	5190	Ant1	0.633	1.635	38.72	4.12	1.58	0.25
NVNT	n40	5230	Ant1	0.633	1.635	38.72	4.12	1.58	0.24
NVNT	n40	5190	Ant2	0.633	1.638	38.64	4.13	1.58	0.24
NVNT	n40	5230	Ant2	0.633	1.638	38.64	4.13	1.58	0.17
NVNT	ac20	5180	Ant1	1.278	2.28	56.05	2.51	0.78	0.24
NVNT	ac20	5200	Ant1	1.278	2.283	55.98	2.52	0.78	0.23
NVNT	ac20	5240	Ant1	1.278	2.28	56.05	2.51	0.78	0.24
NVNT	ac20	5180	Ant2	1.275	2.28	55.92	2.52	0.78	0.32
NVNT	ac20	5200	Ant2	1.278	2.283	55.98	2.52	0.78	0.28
NVNT	ac20	5240	Ant2	1.275	2.28	55.92	2.52	0.78	0.24
NVNT	ac40	5190	Ant1	0.636	1.641	38.76	4.12	1.57	0.26
NVNT	ac40	5230	Ant1	0.639	1.641	38.94	4.1	1.56	0.22
NVNT	ac40	5190	Ant2	0.636	1.641	38.76	4.12	1.57	0.25
NVNT	ac40	5230	Ant2	0.639	1.641	38.94	4.1	1.56	0.21
NVNT	ac80	5210	Ant1	0.318	1.322	24.05	6.19	3.14	0.26
NVNT	ac80	5210	Ant2	0.318	1.322	24.05	6.19	3.14	0.22

Test Graphs

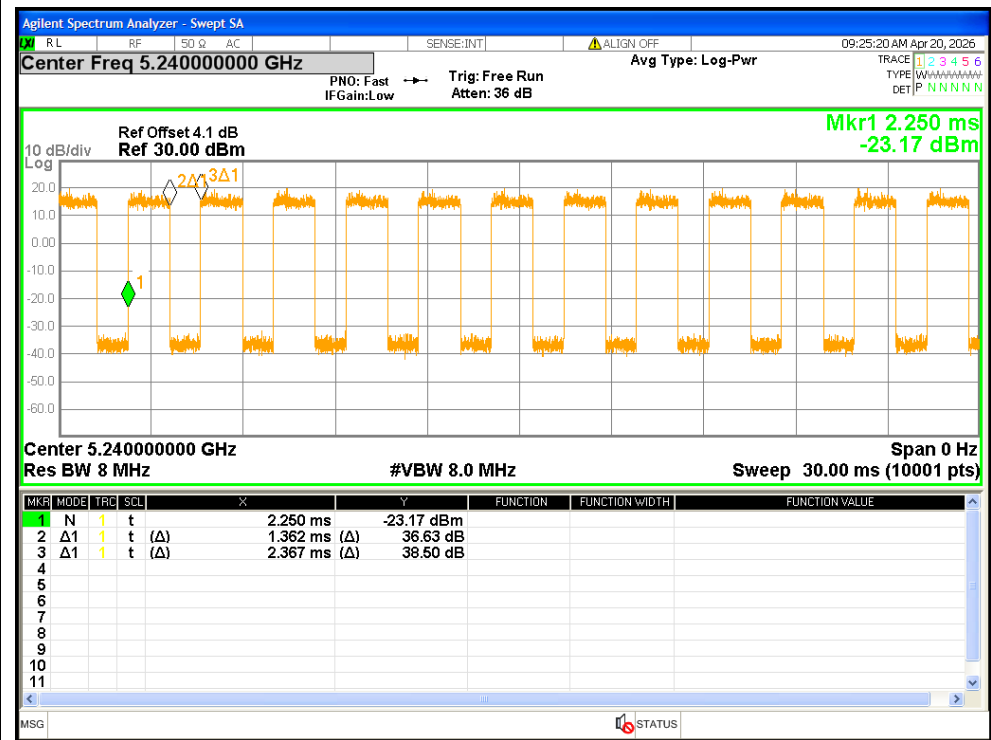
Duty Cycle NVNT a 5180MHz Ant1



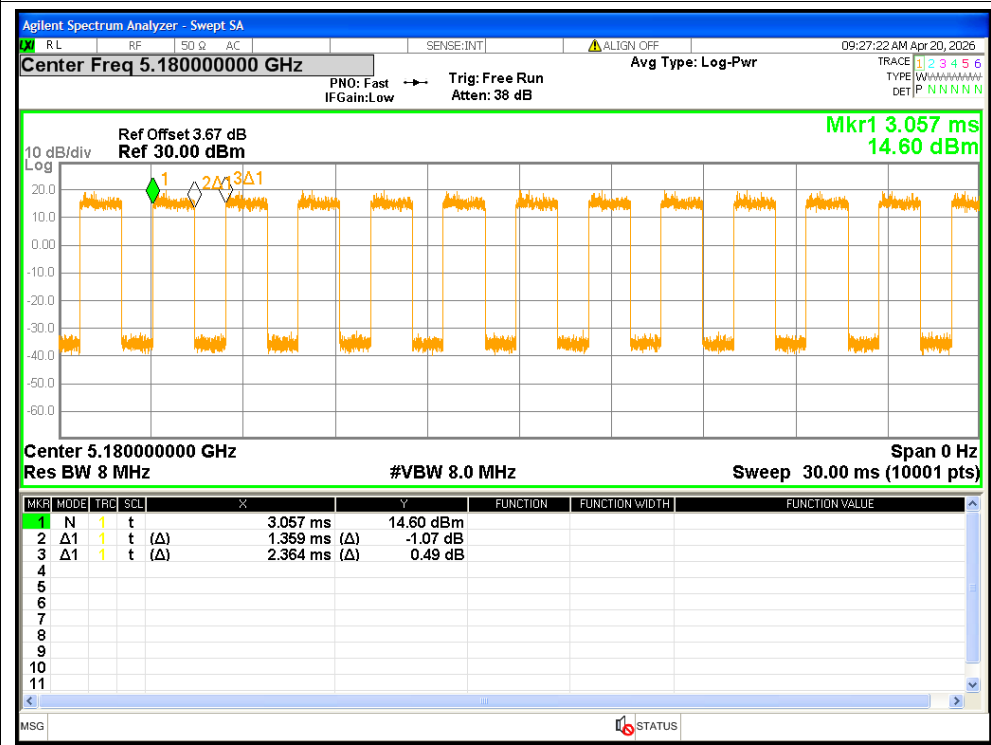
Duty Cycle NVNT a 5200MHz Ant1



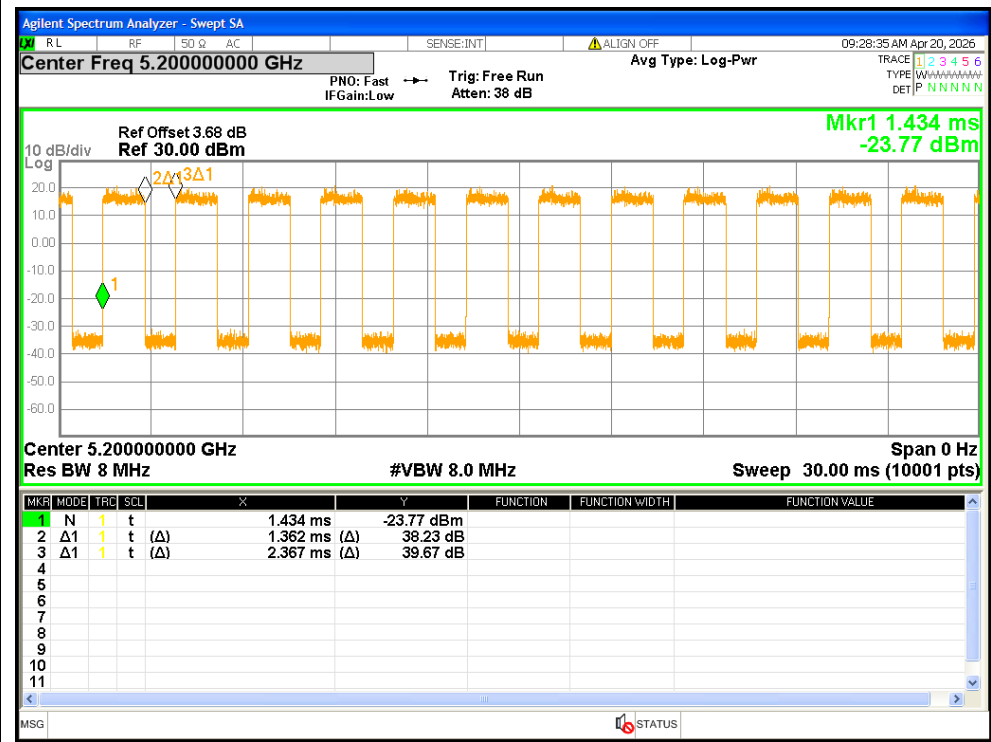
Duty Cycle NVNT a 5240MHz Ant1



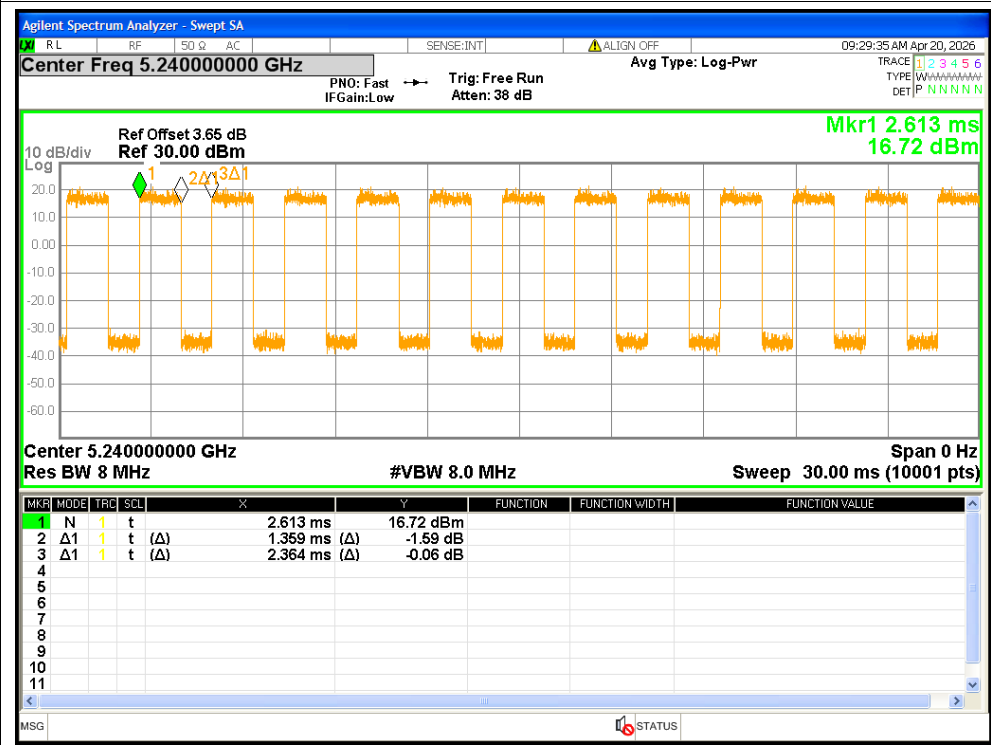
Duty Cycle NVNT a 5180MHz Ant2



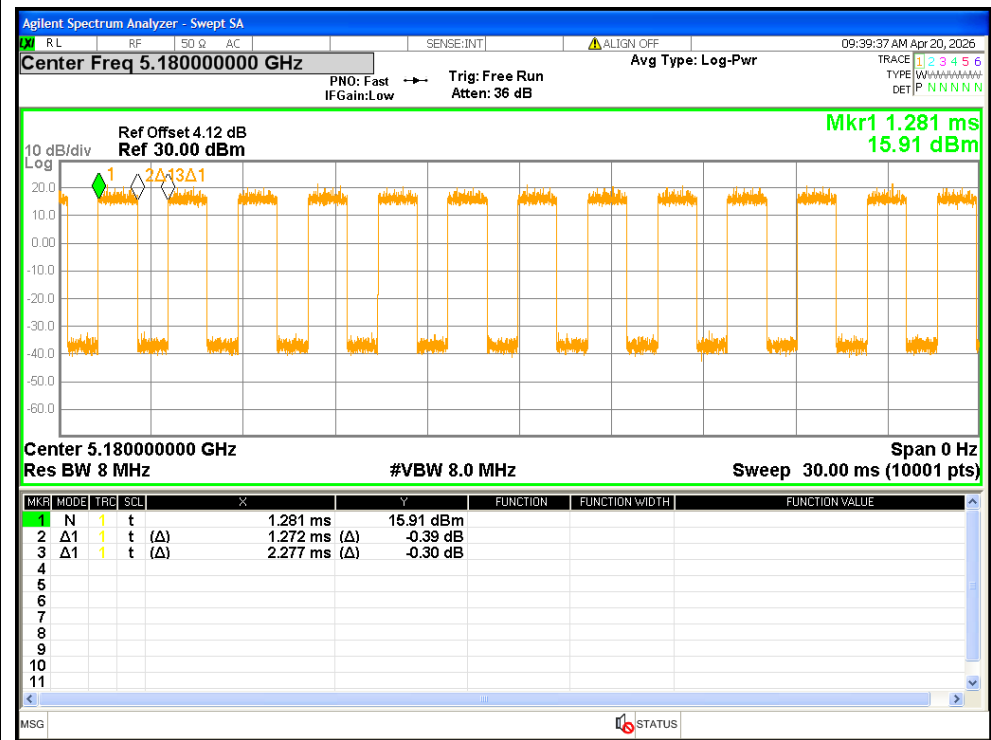
Duty Cycle NVNT a 5200MHz Ant2



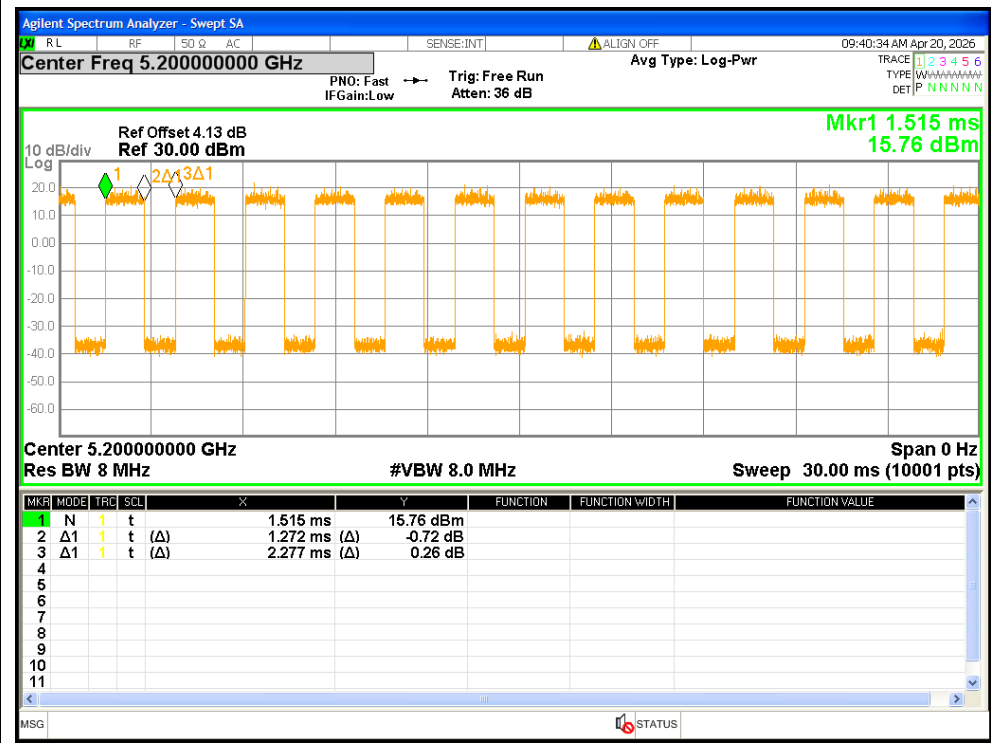
Duty Cycle NVNT a 5240MHz Ant2



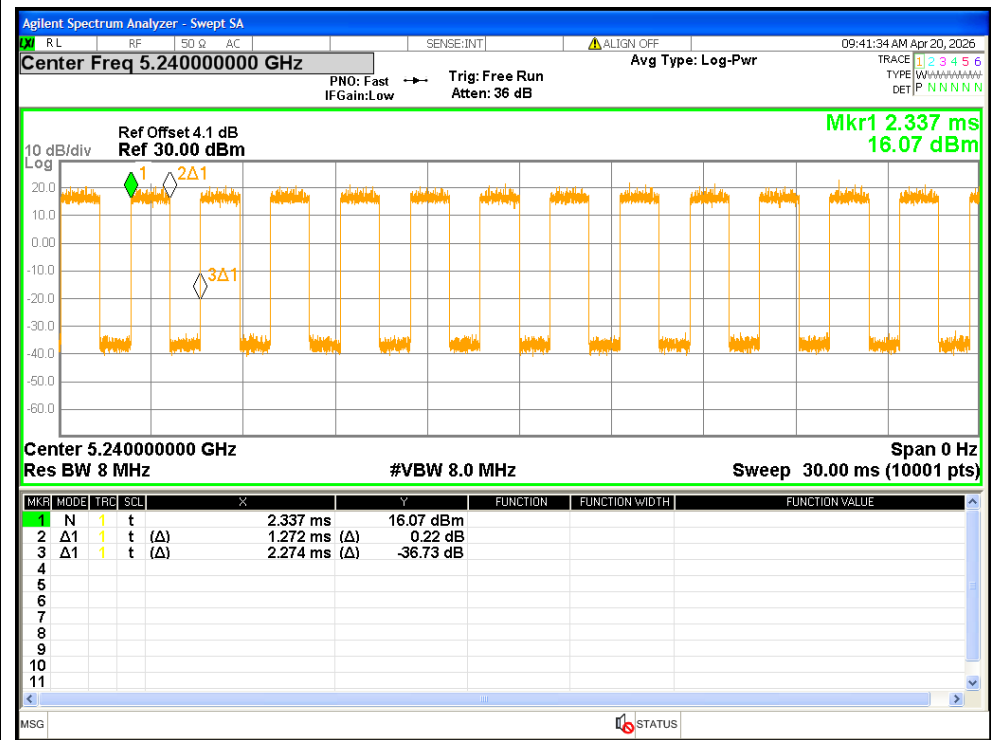
Duty Cycle NVNT n20 5180MHz Ant1



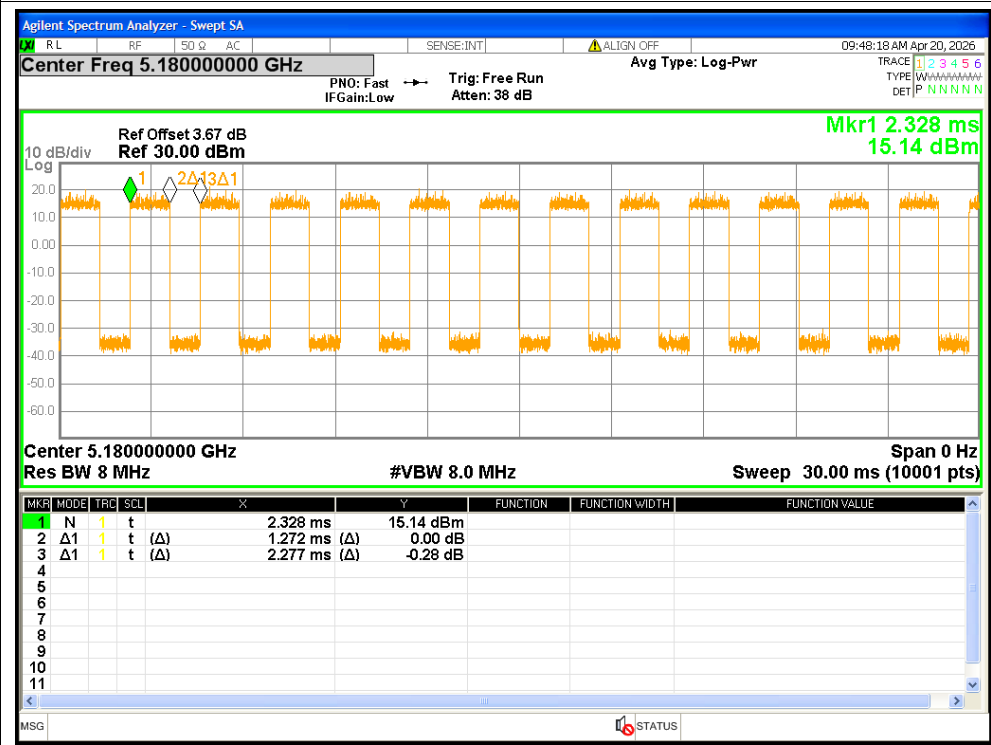
Duty Cycle NVNT n20 5200MHz Ant1



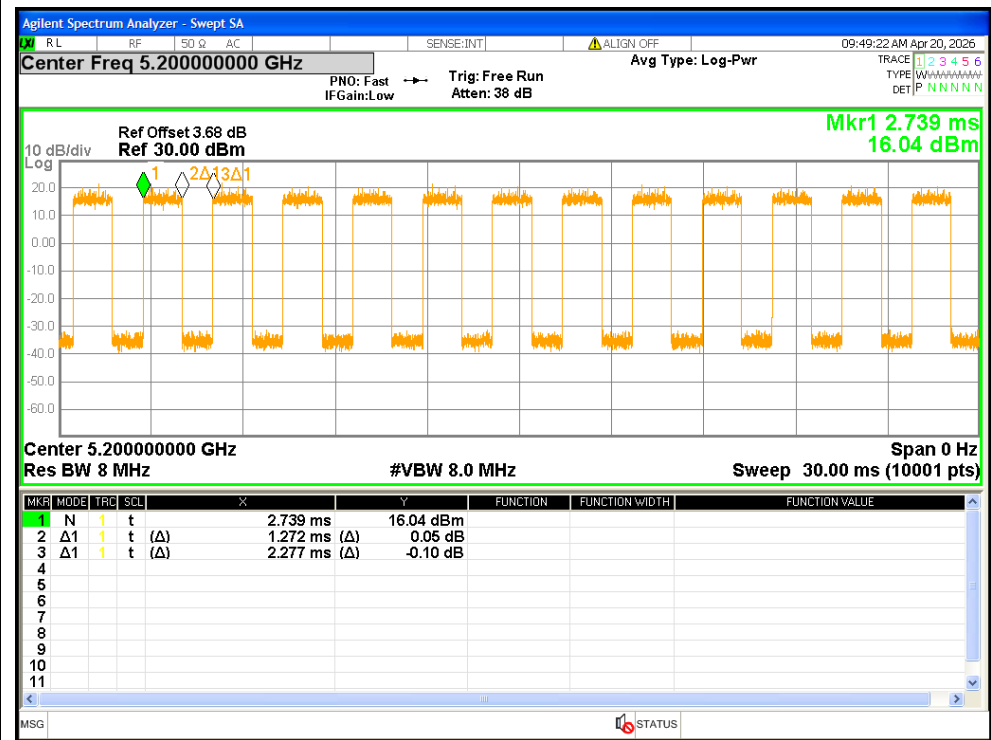
Duty Cycle NVNT n20 5240MHz Ant1



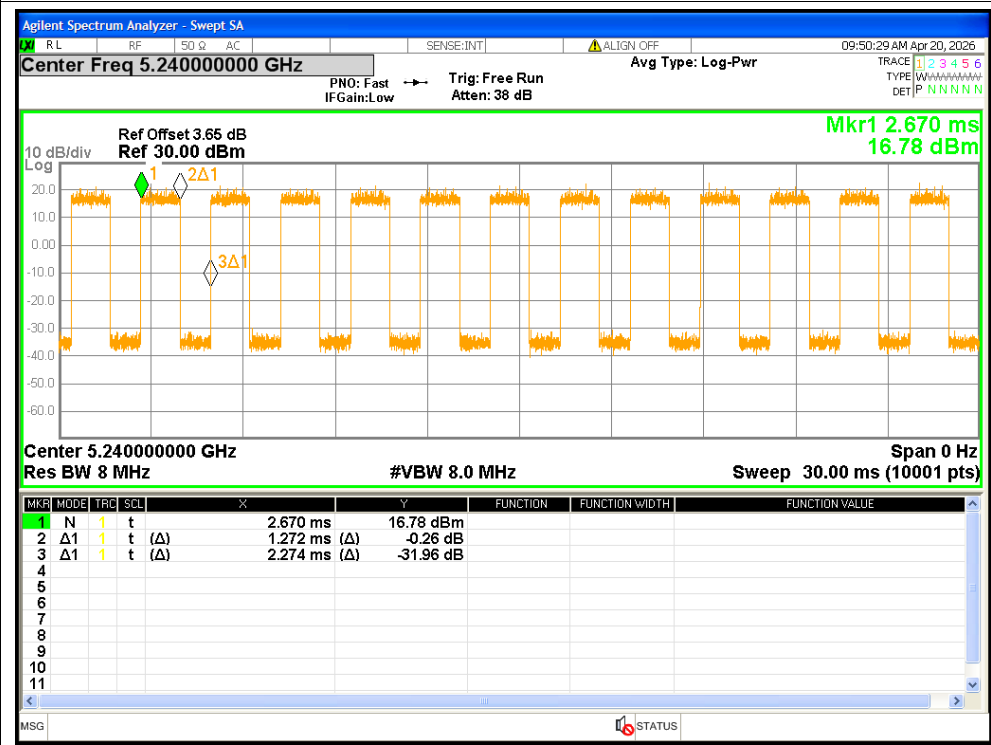
Duty Cycle NVNT n20 5180MHz Ant2



Duty Cycle NVNT n20 5200MHz Ant2



Duty Cycle NVNT n20 5240MHz Ant2

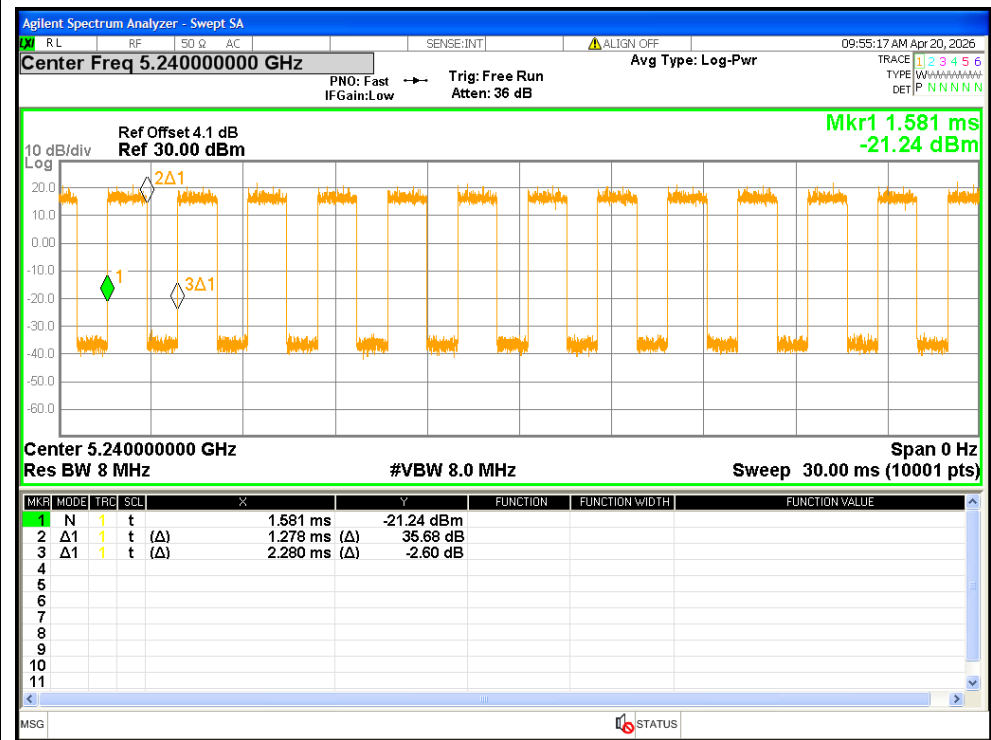


Duty Cycle NVNT n40 5190MHz Ant1

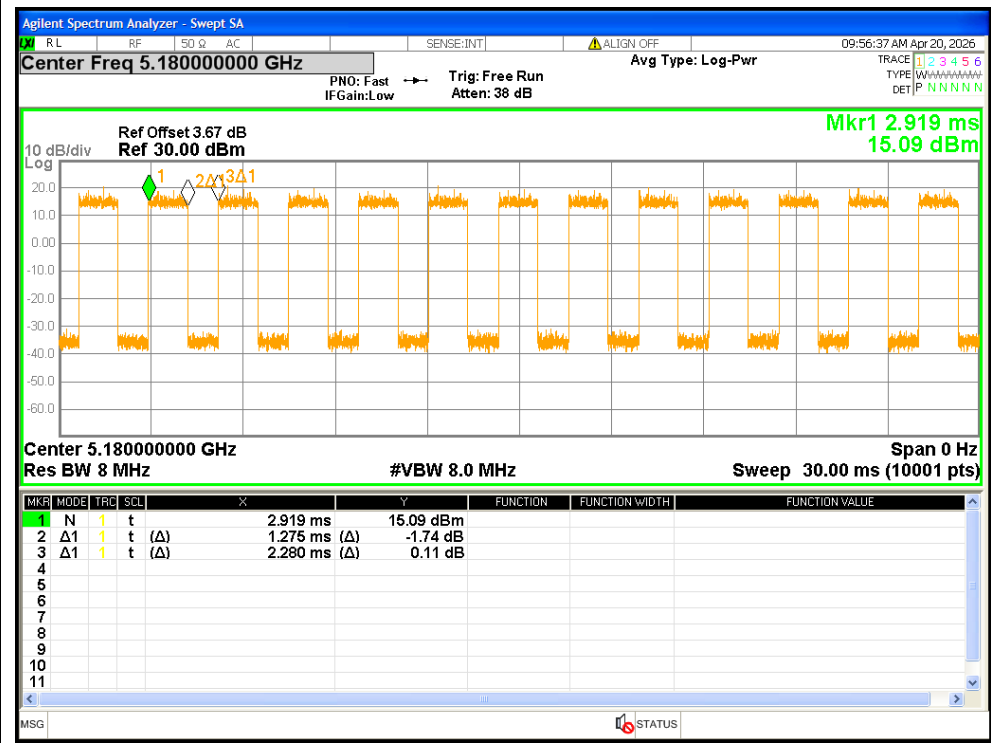
Duty Cycle NVNT n40 5190MHz Ant2

Duty Cycle NVNT ac20 5180MHz Ant1

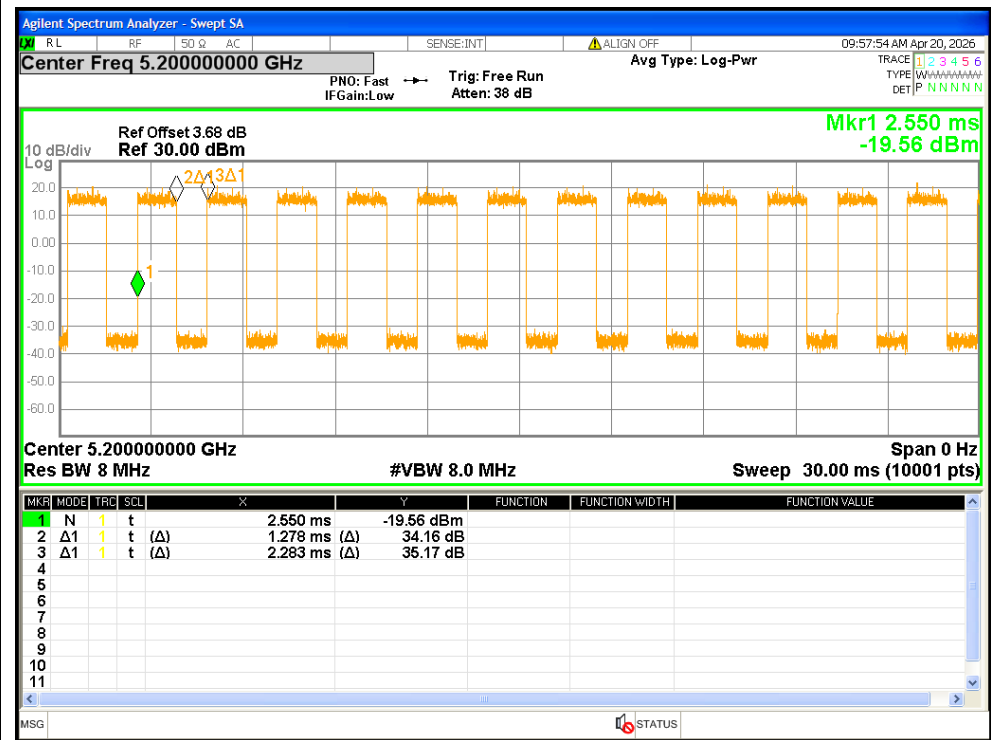
Duty Cycle NVNT ac20 5240MHz Ant1



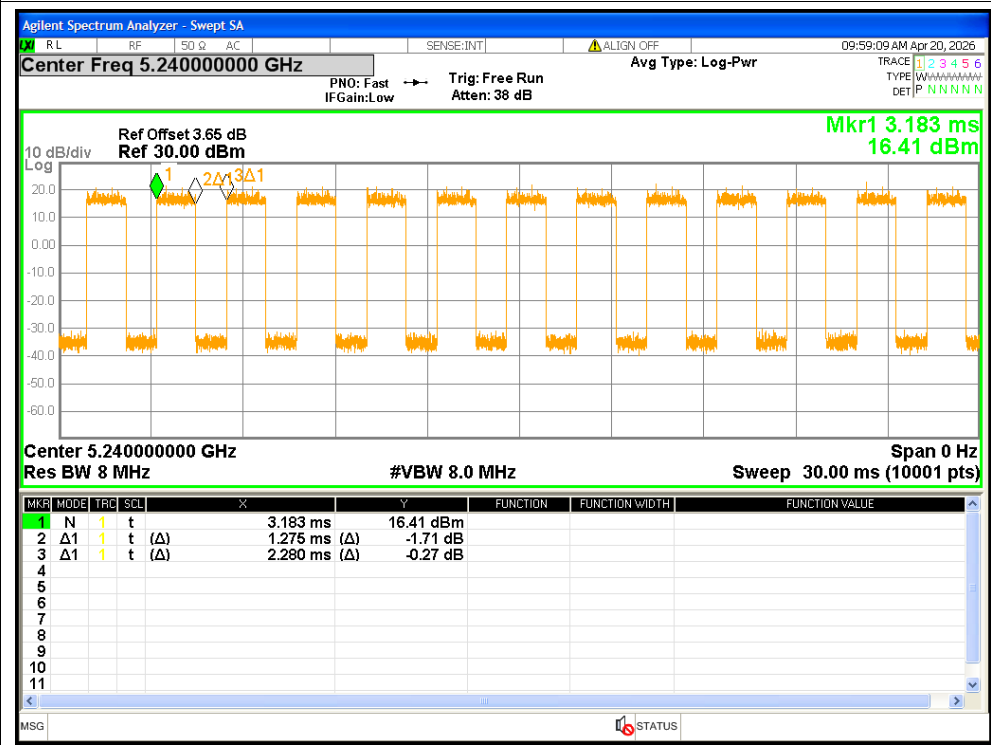
Duty Cycle NVNT ac20 5180MHz Ant2



Duty Cycle NVNT ac20 5200MHz Ant2

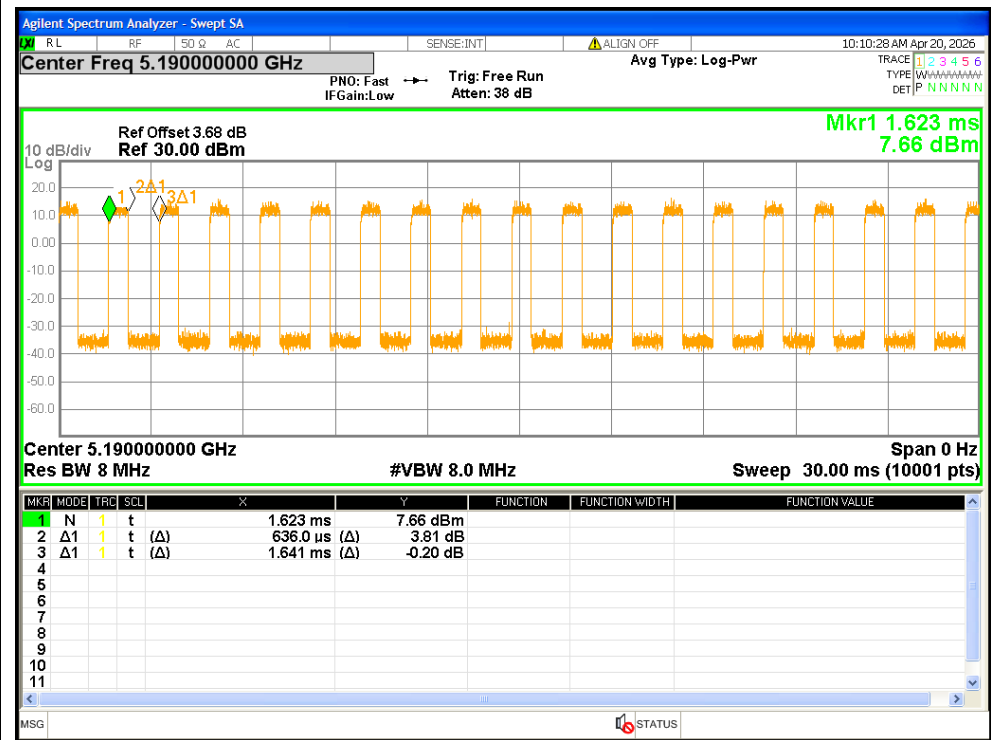


Duty Cycle NVNT ac20 5240MHz Ant2

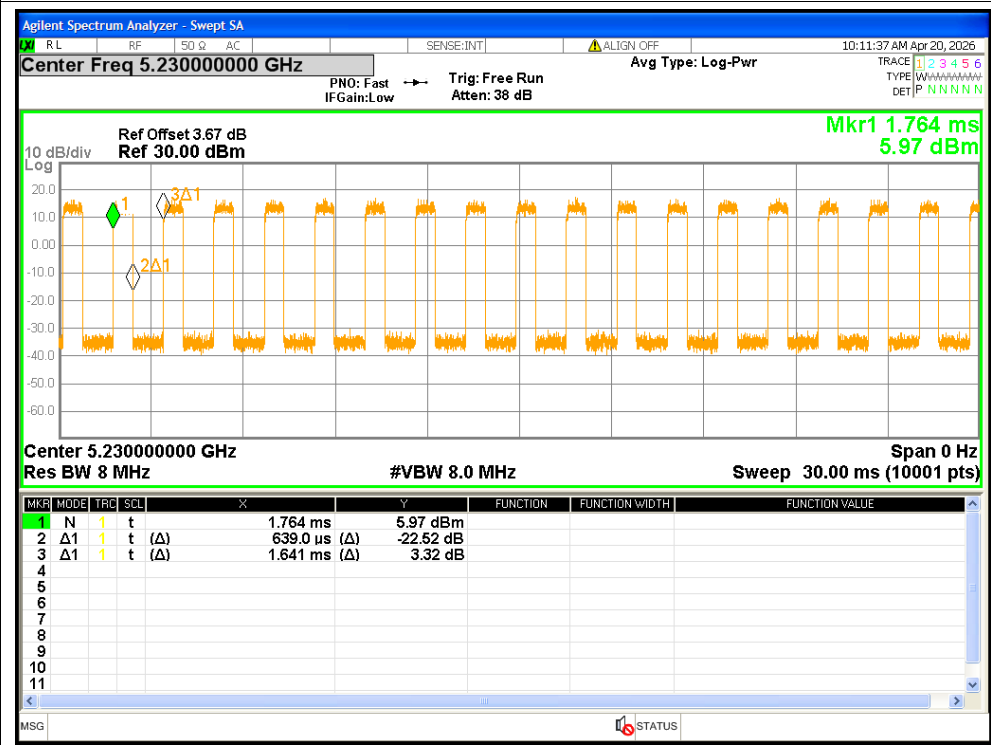


Duty Cycle NVNT ac40 5190MHz Ant1

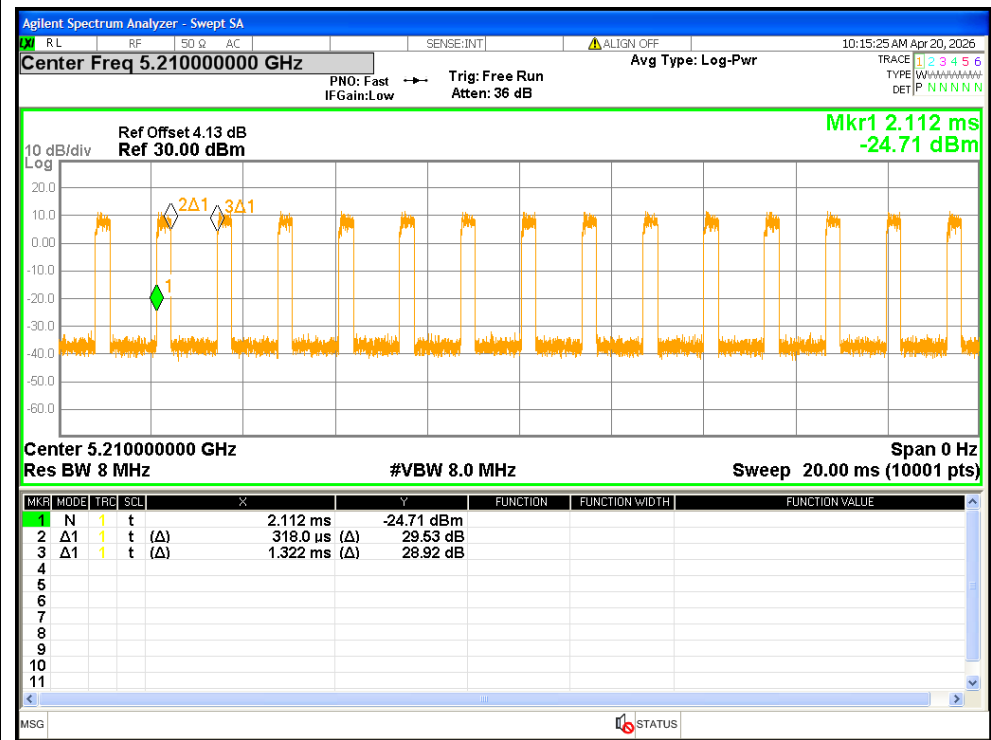
Duty Cycle NVNT ac40 5190MHz Ant2



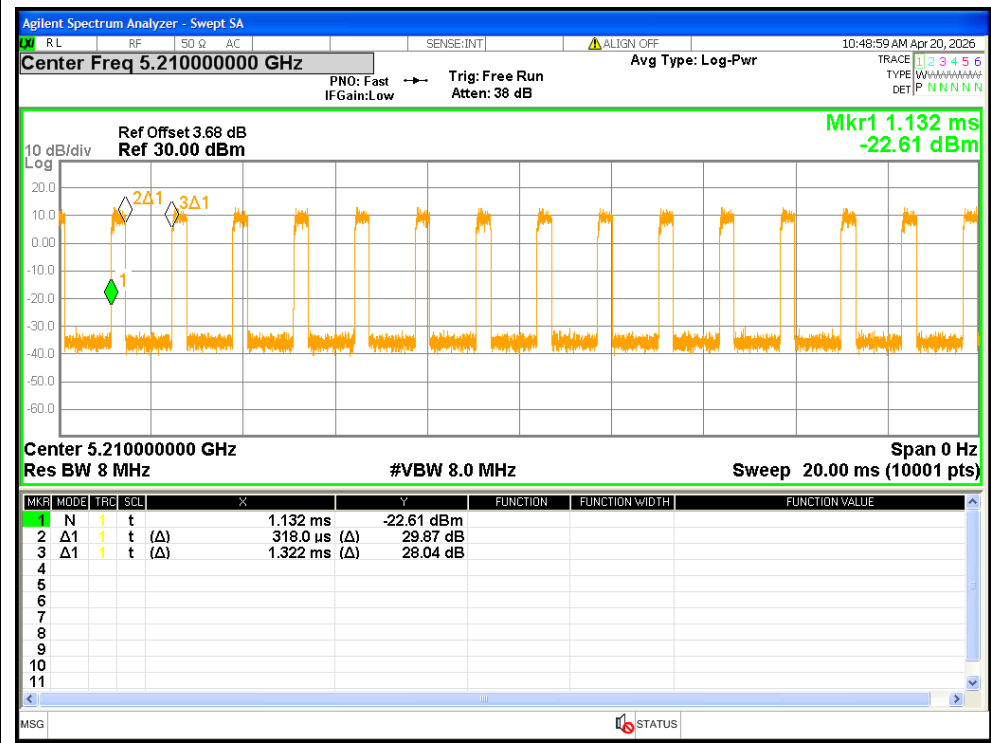
Duty Cycle NVNT ac40 5230MHz Ant2



Duty Cycle NVNT ac80 5210MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant2

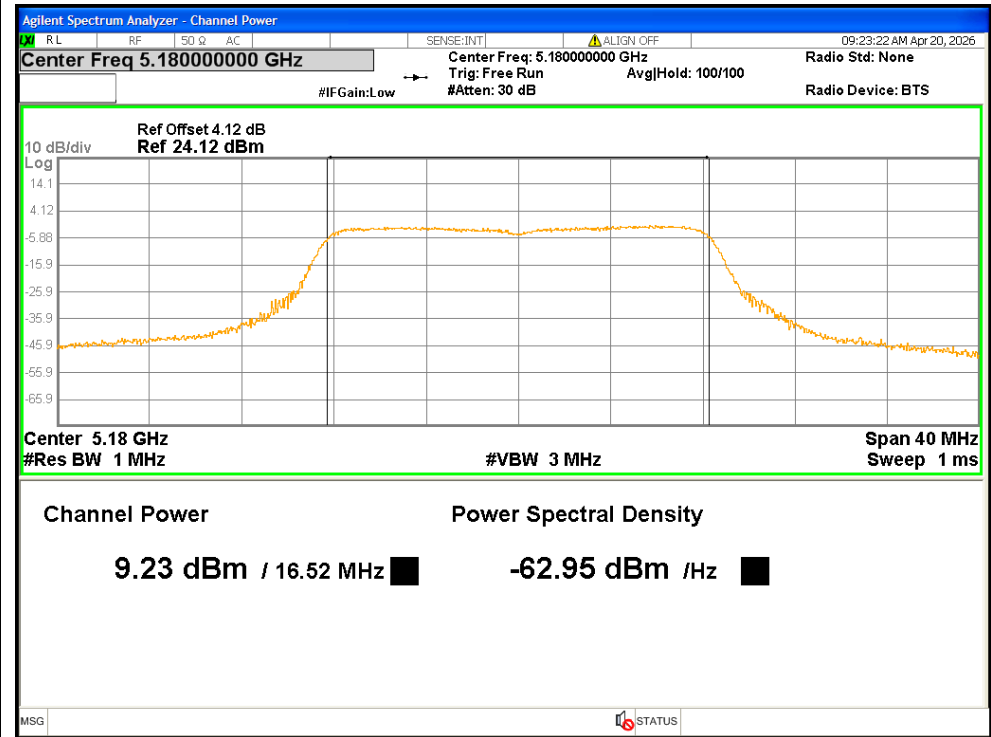


Maximum Conducted Output Power

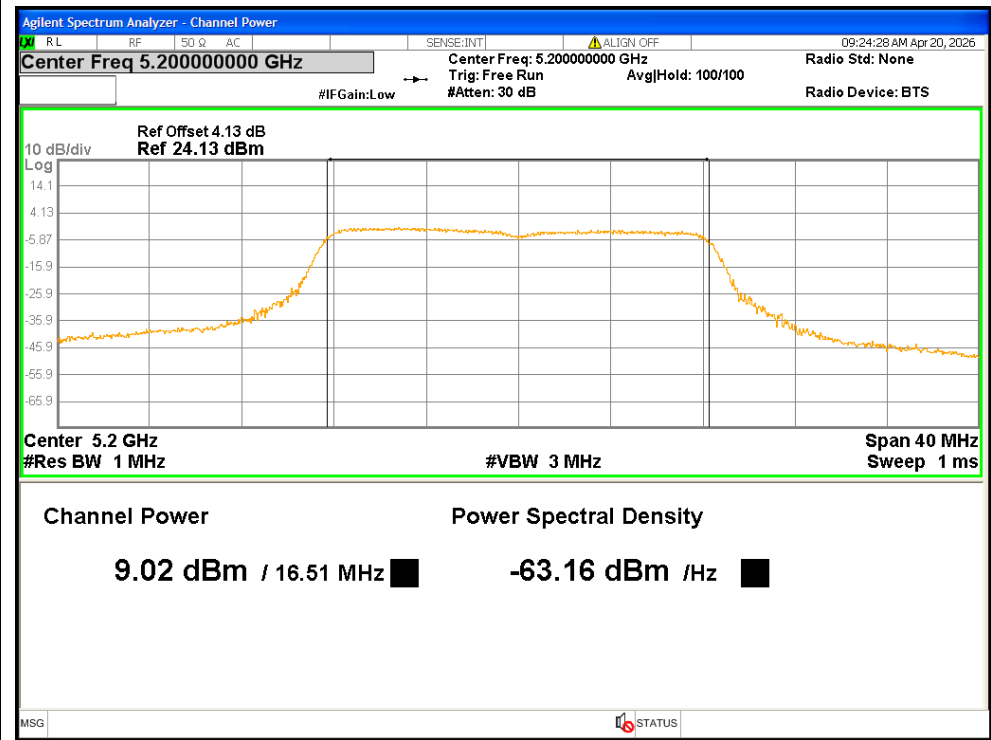
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.23	2.4	11.63	<=24	Pass
NVNT	a	5200	Ant1	9.02	2.4	11.42	<=24	Pass
NVNT	a	5240	Ant1	10.18	2.4	12.58	<=24	Pass
NVNT	a	5180	Ant2	10.17	2.4	12.57	<=24	Pass
NVNT	a	5200	Ant2	10.57	2.4	12.97	<=24	Pass
NVNT	a	5240	Ant2	10.19	2.4	12.59	<=24	Pass
NVNT	n20	5180	Ant1	11.08	2.53	13.61	<=24	Pass
NVNT	n20	5200	Ant1	11.22	2.53	13.75	<=24	Pass
NVNT	n20	5240	Ant1	11.71	2.52	14.23	<=24	Pass
NVNT	n20	5180	Ant2	9.9	2.53	12.43	<=24	Pass
NVNT	n20	5200	Ant2	10.78	2.53	13.31	<=24	Pass
NVNT	n20	5240	Ant2	11.71	2.52	14.23	<=24	Pass
NVNT	n40	5190	Ant1	8.64	4.12	12.76	<=24	Pass
NVNT	n40	5230	Ant1	9.33	4.12	13.45	<=24	Pass
NVNT	n40	5190	Ant2	8.88	4.13	13.01	<=24	Pass
NVNT	n40	5230	Ant2	9.7	4.13	13.83	<=24	Pass
NVNT	ac20	5180	Ant1	10.91	2.51	13.42	<=24	Pass
NVNT	ac20	5200	Ant1	10.89	2.52	13.41	<=24	Pass
NVNT	ac20	5240	Ant1	11.52	2.51	14.03	<=24	Pass
NVNT	ac20	5180	Ant2	10.22	2.52	12.74	<=24	Pass
NVNT	ac20	5200	Ant2	10.99	2.52	13.51	<=24	Pass
NVNT	ac20	5240	Ant2	11.6	2.52	14.12	<=24	Pass
NVNT	ac40	5190	Ant1	8.54	4.12	12.66	<=24	Pass
NVNT	ac40	5230	Ant1	9.03	4.1	13.13	<=24	Pass
NVNT	ac40	5190	Ant2	9.03	4.12	13.15	<=24	Pass
NVNT	ac40	5230	Ant2	9.2	4.1	13.3	<=24	Pass
NVNT	ac80	5210	Ant1	7.07	6.19	13.26	<=24	Pass
NVNT	ac80	5210	Ant2	7.31	6.19	13.5	<=24	Pass

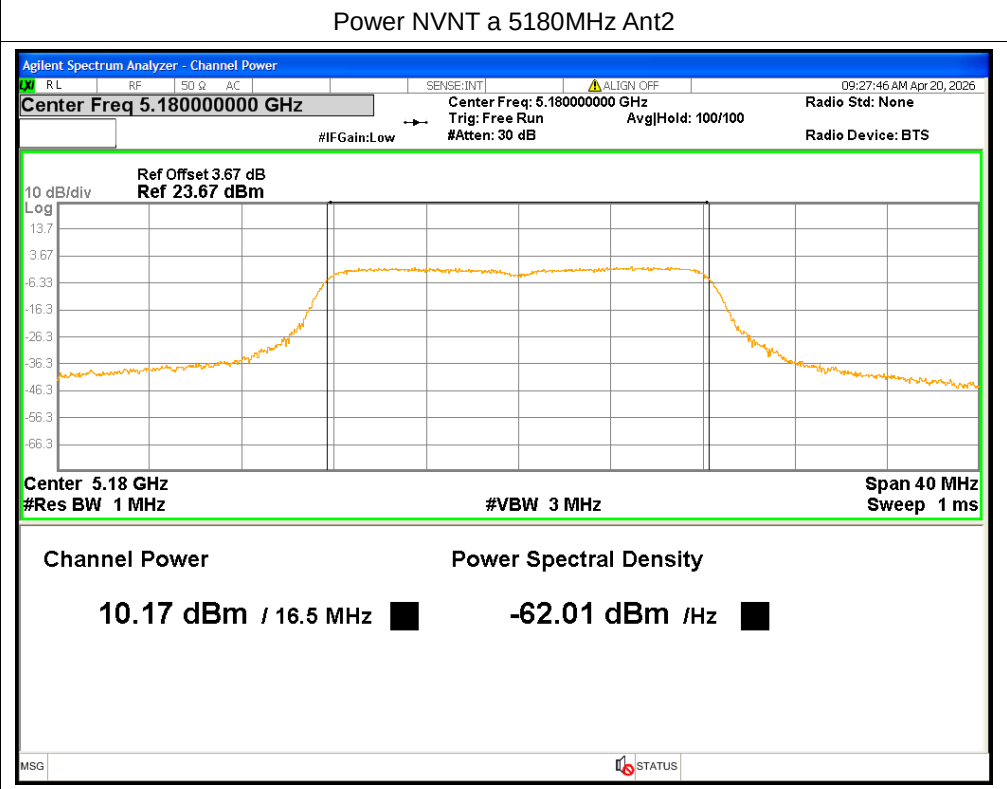
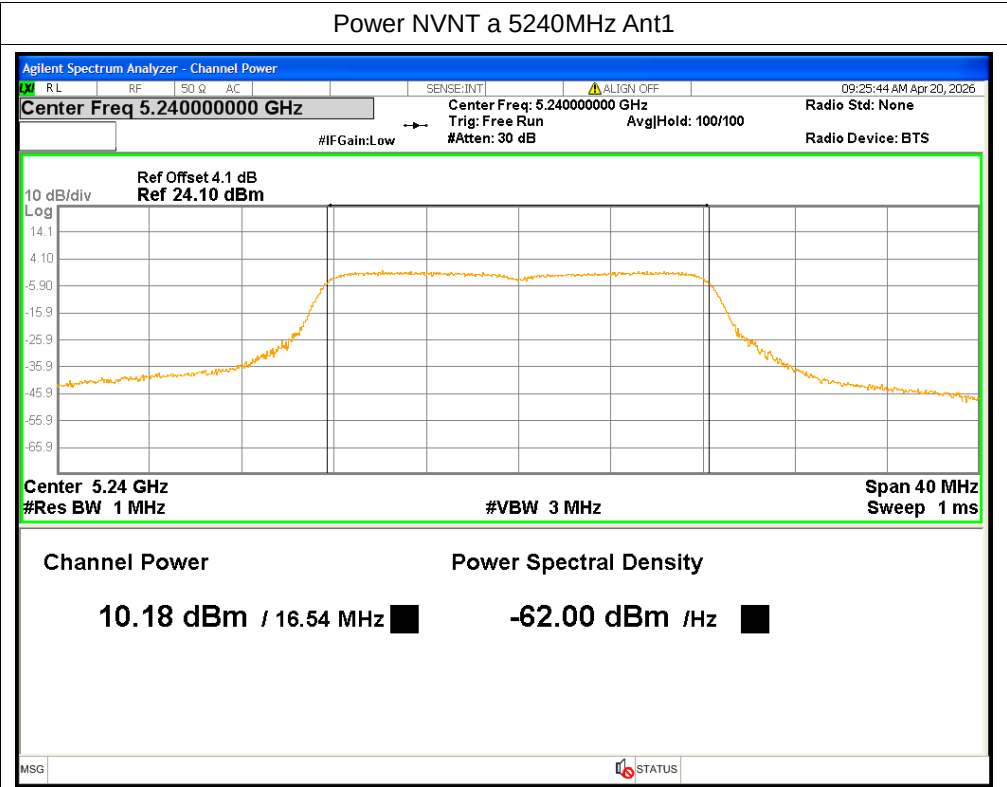
Test Graphs

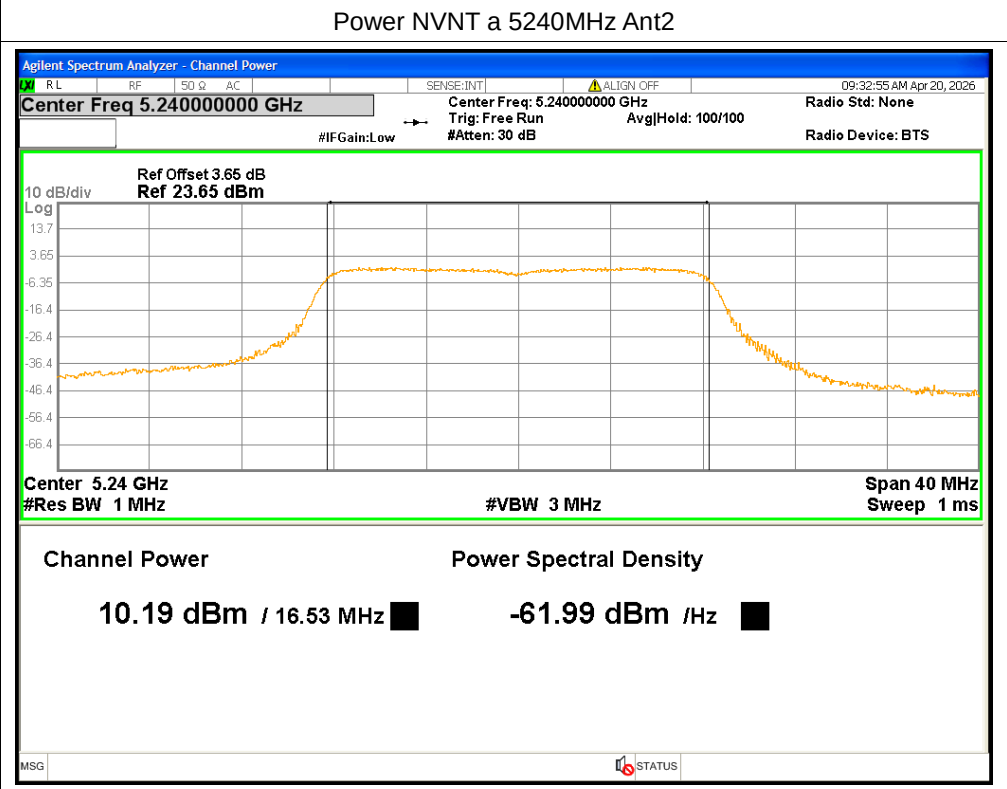
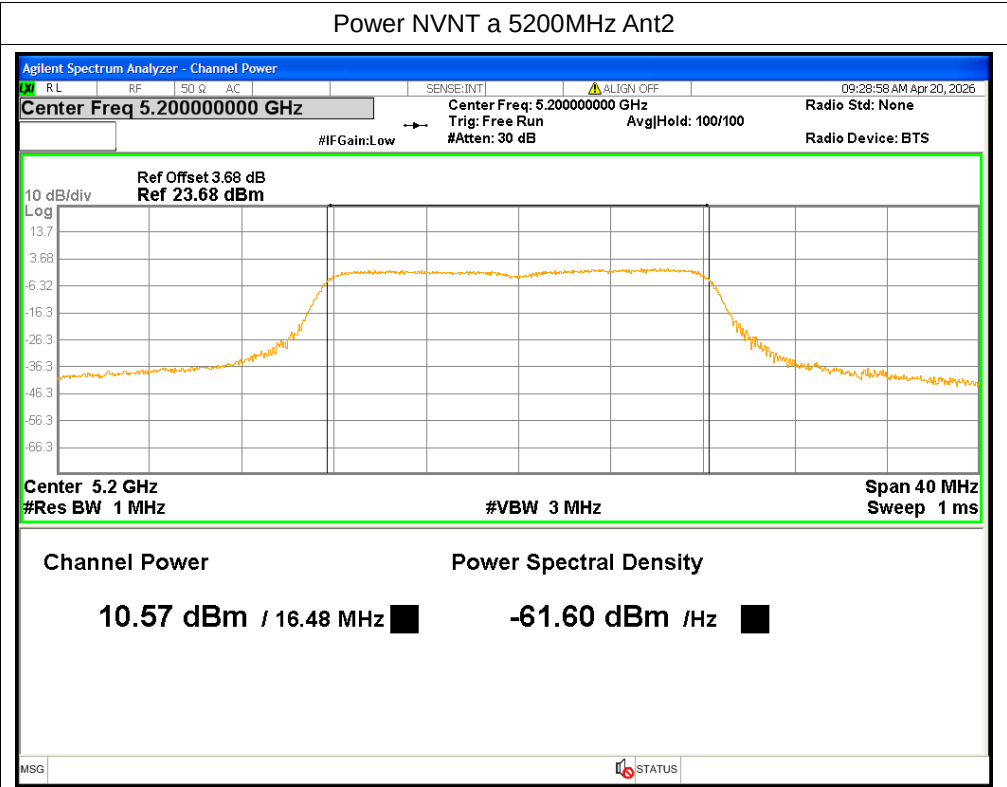
Power NVNT a 5180MHz Ant1



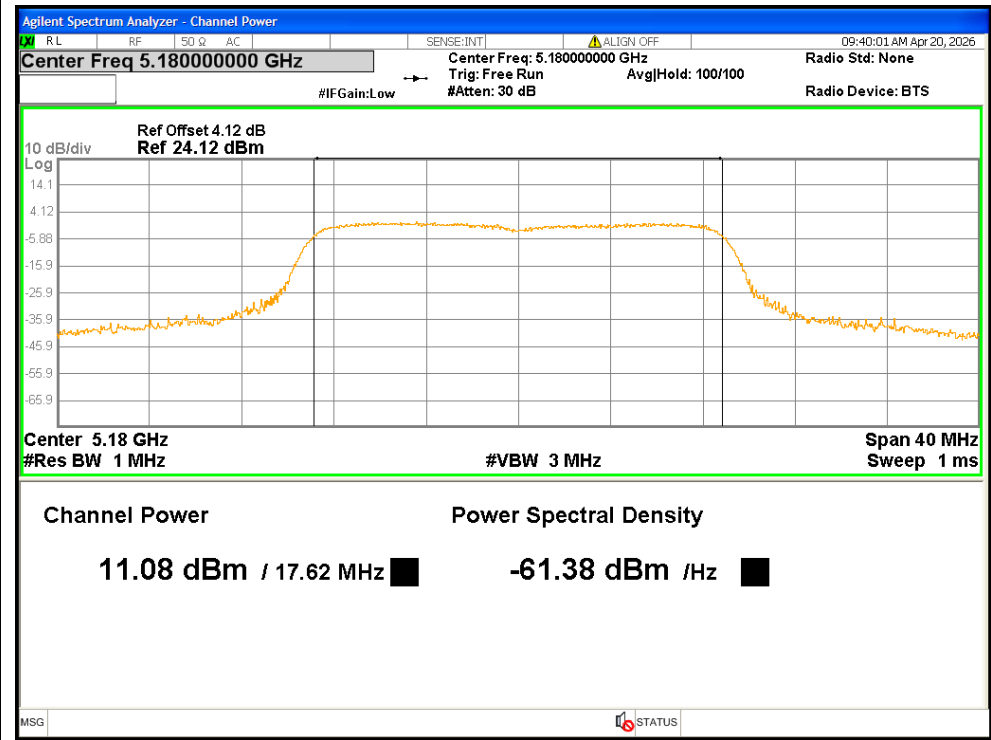
Power NVNT a 5200MHz Ant1



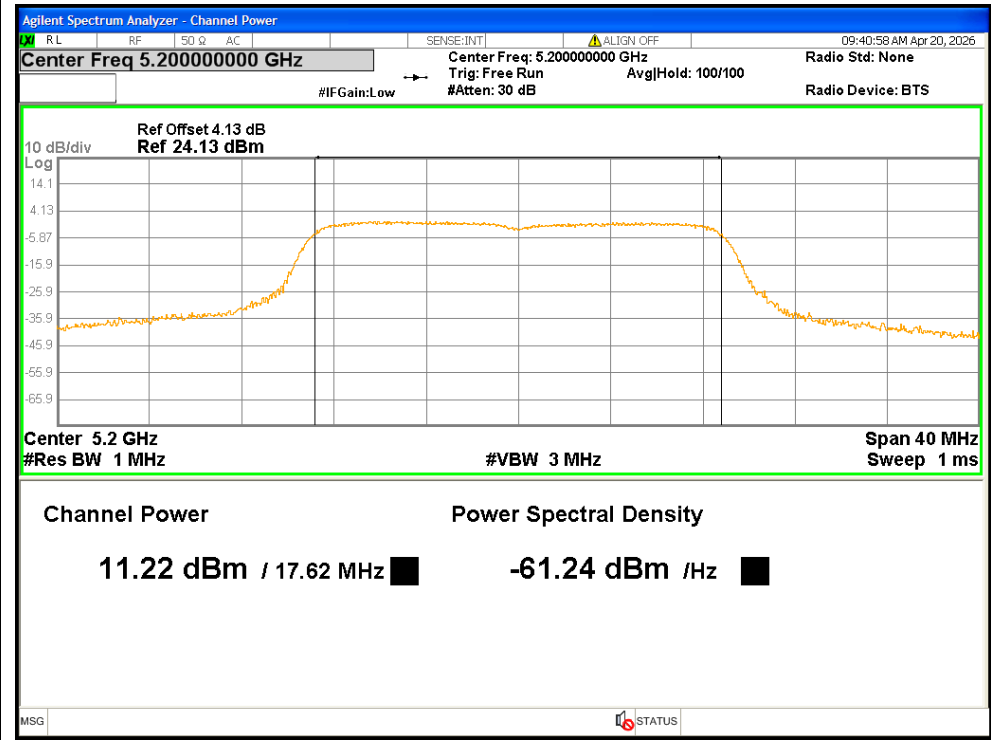


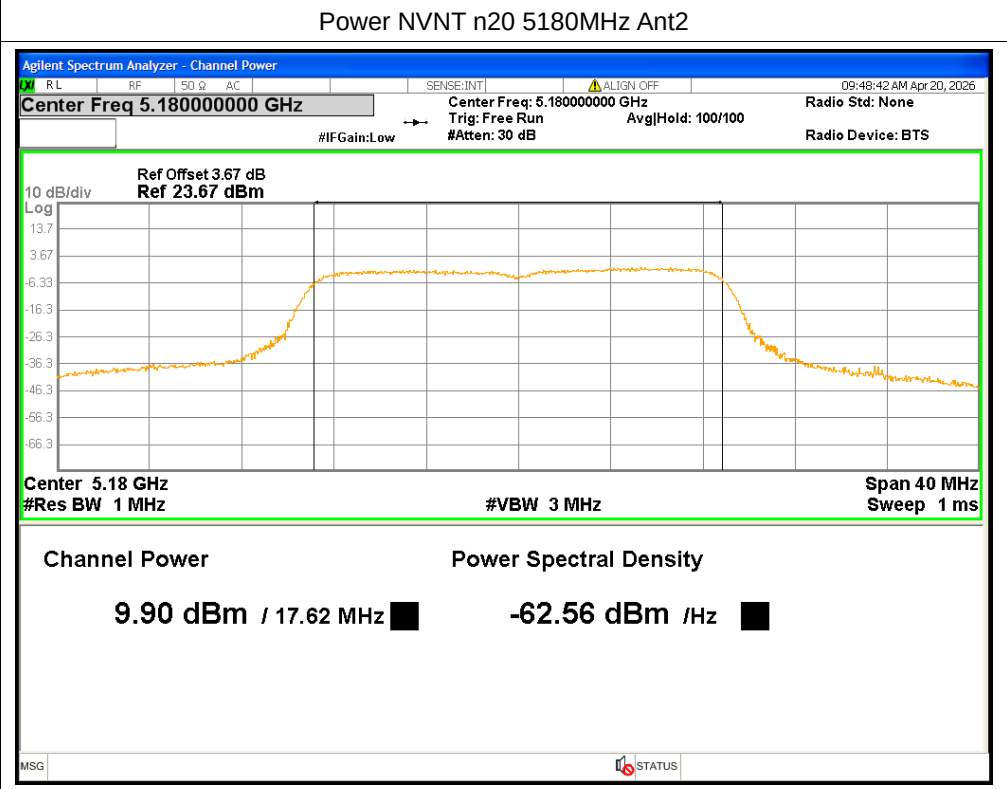
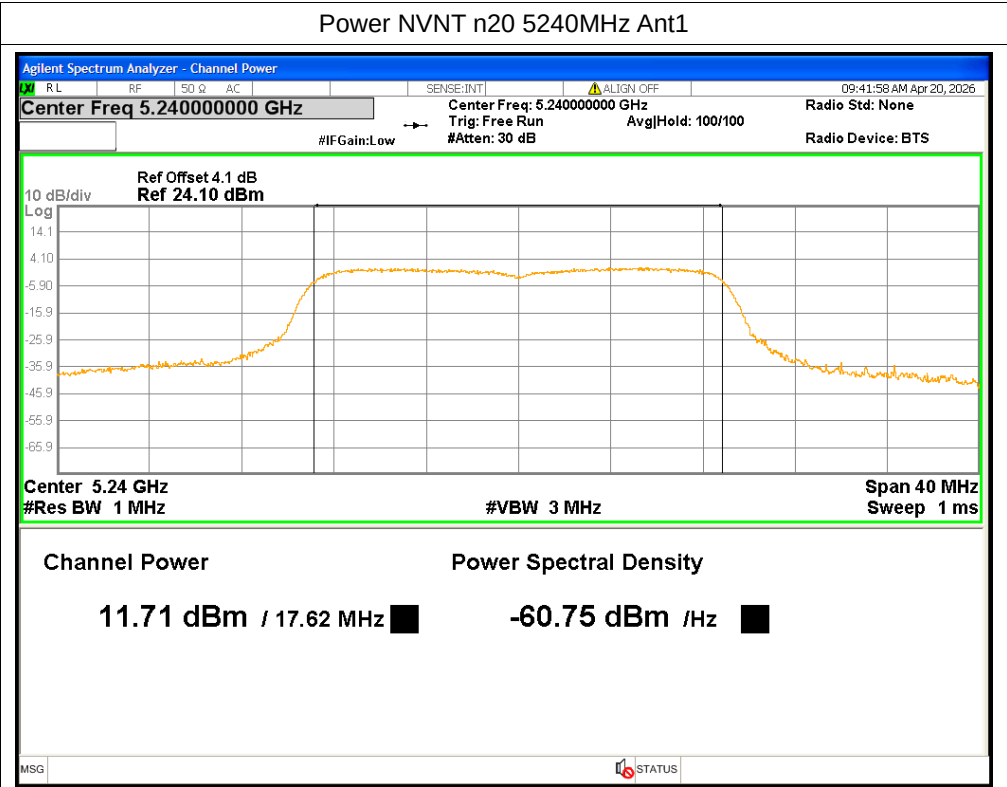


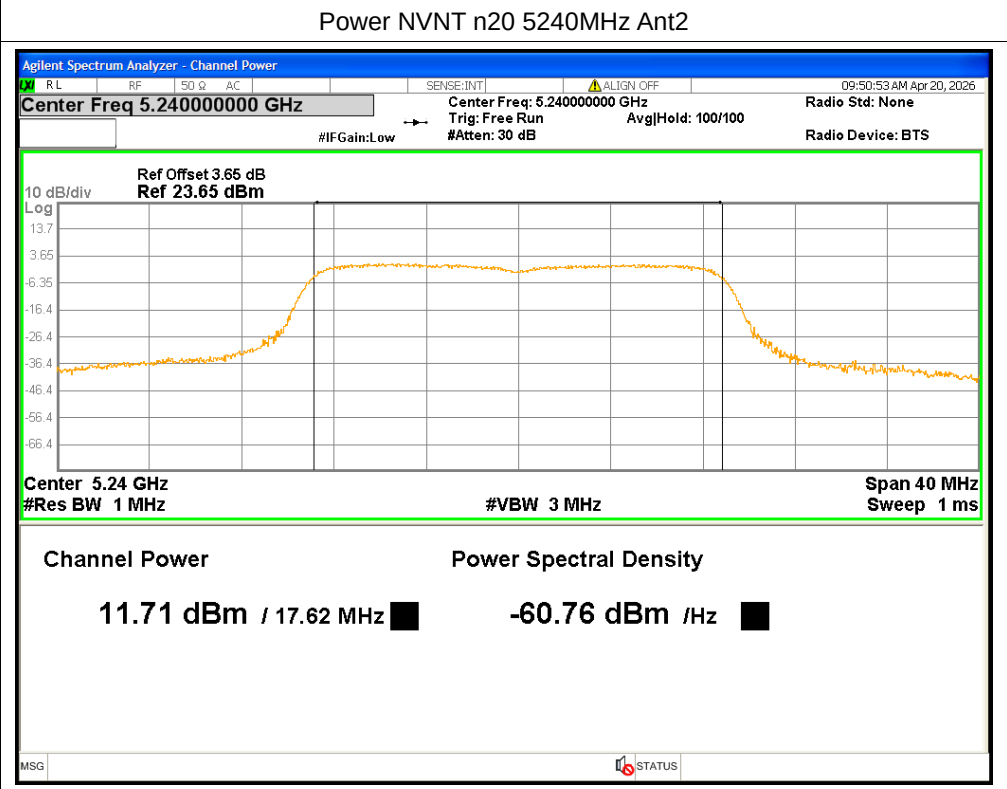
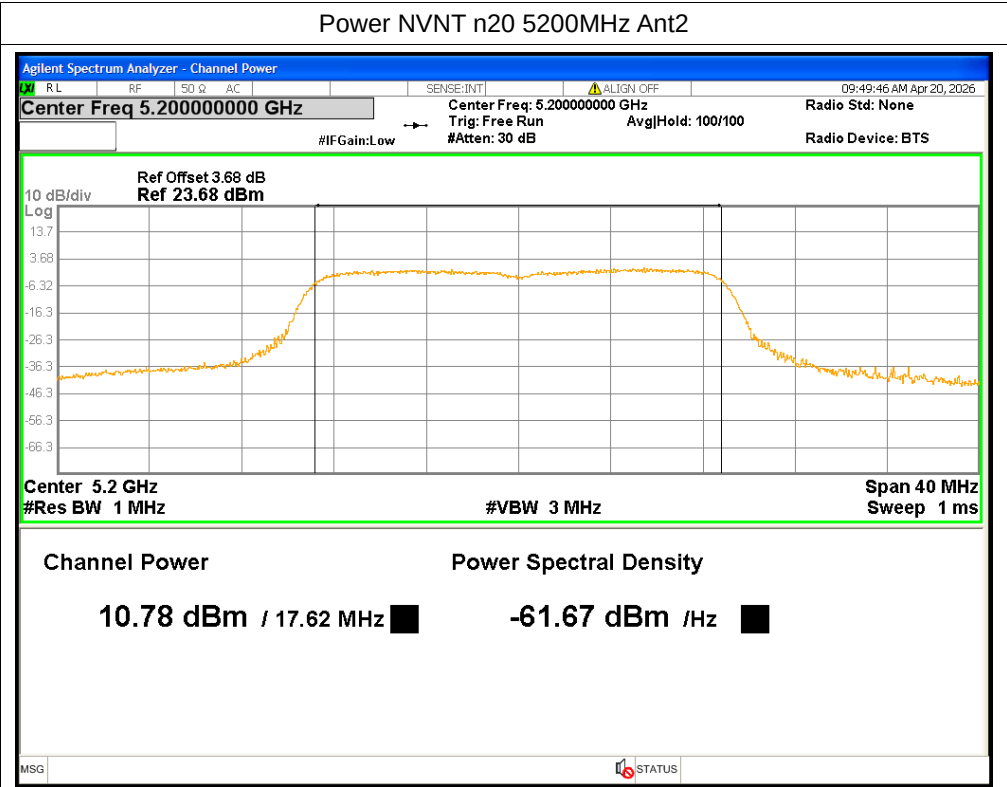
Power NVNT n20 5180MHz Ant1

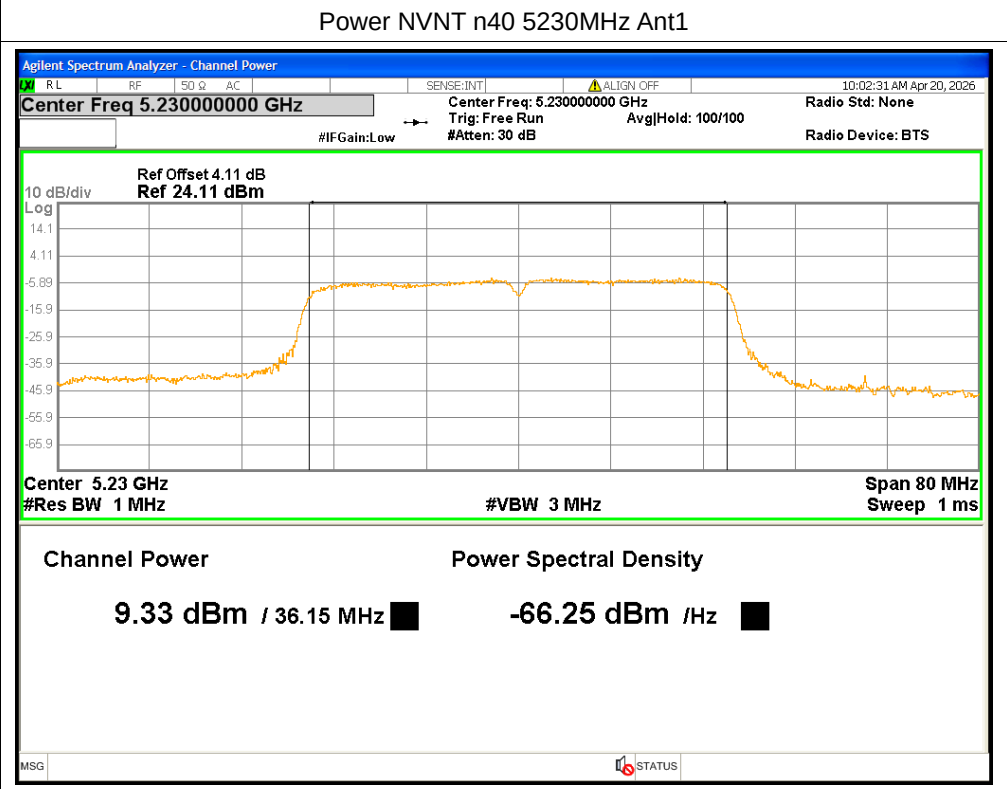
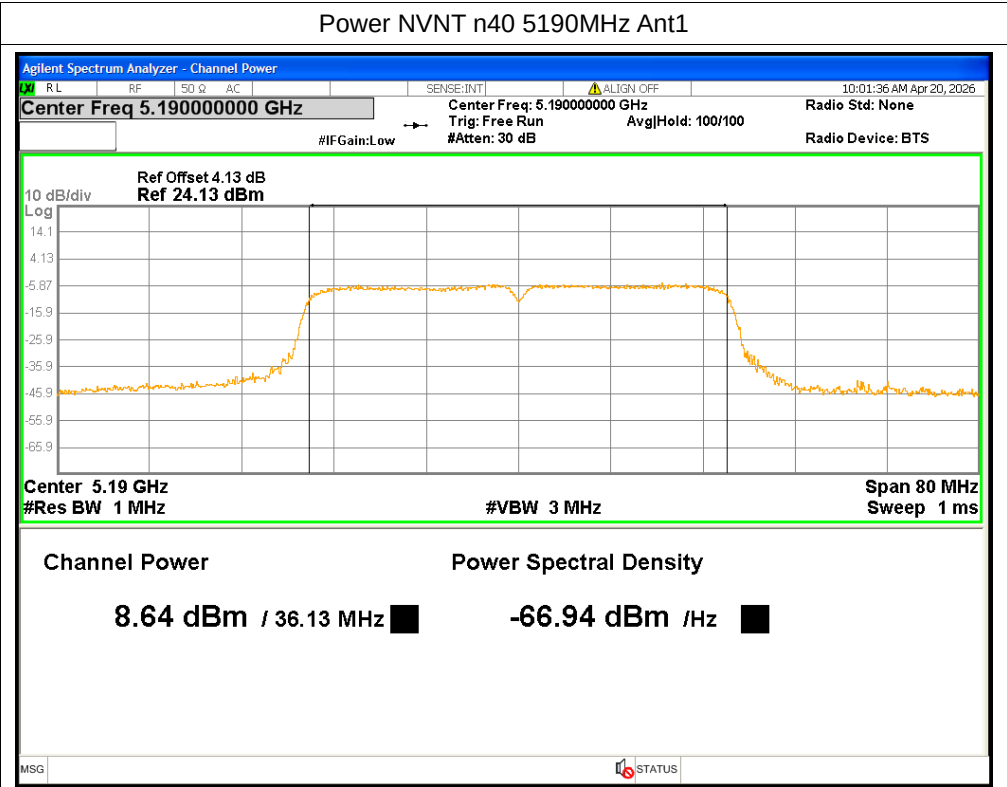


Power NVNT n20 5200MHz Ant1

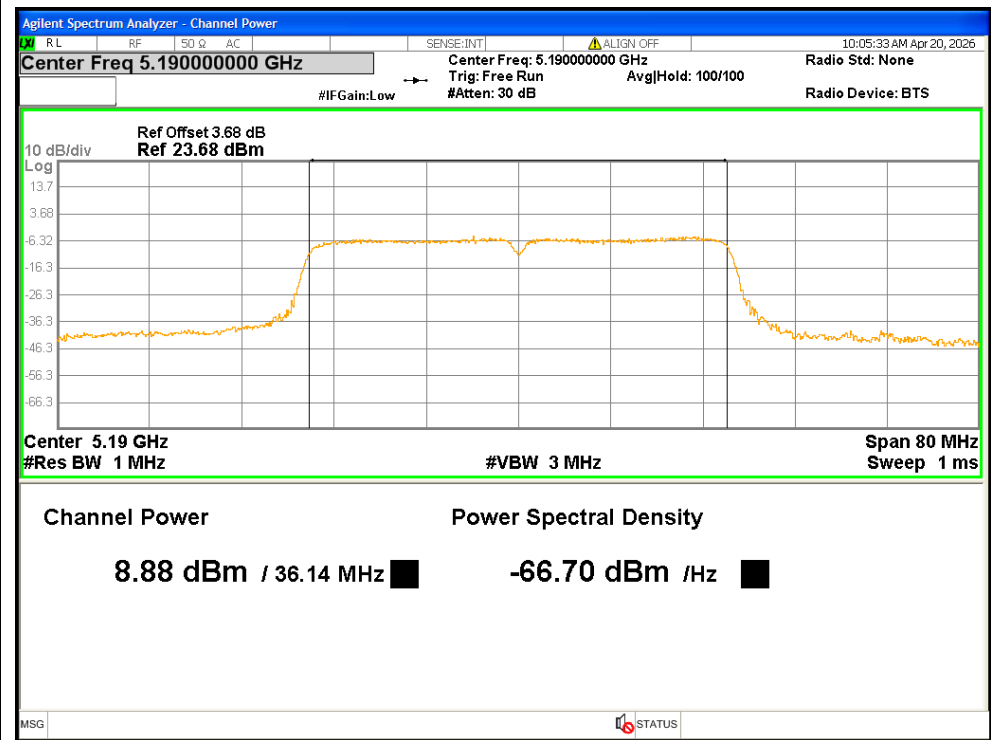




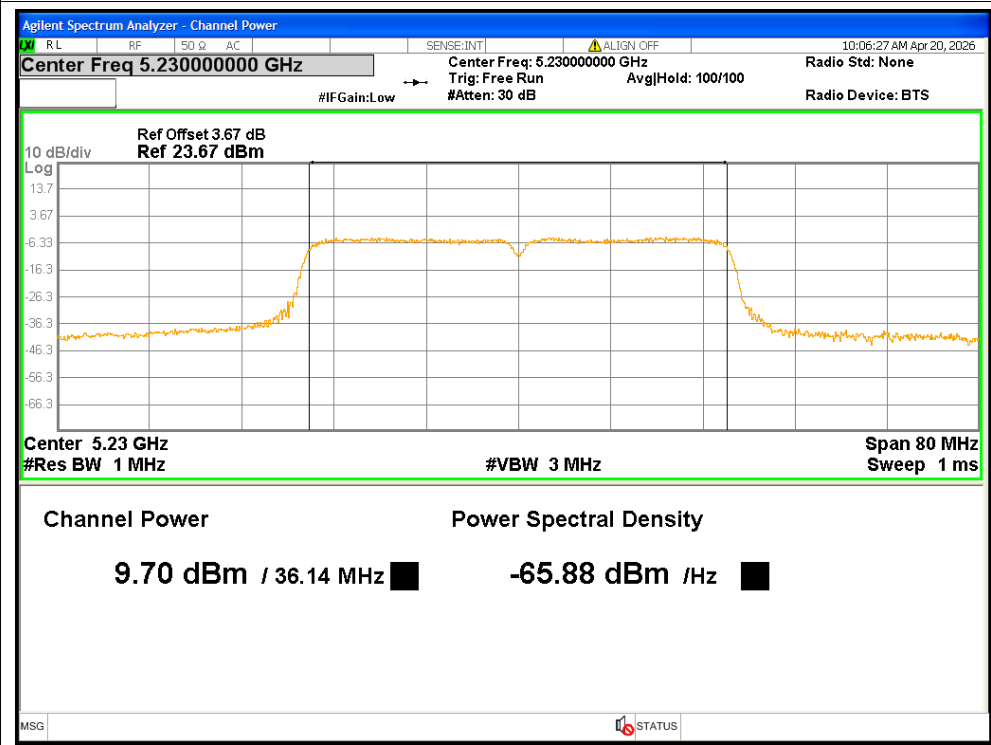


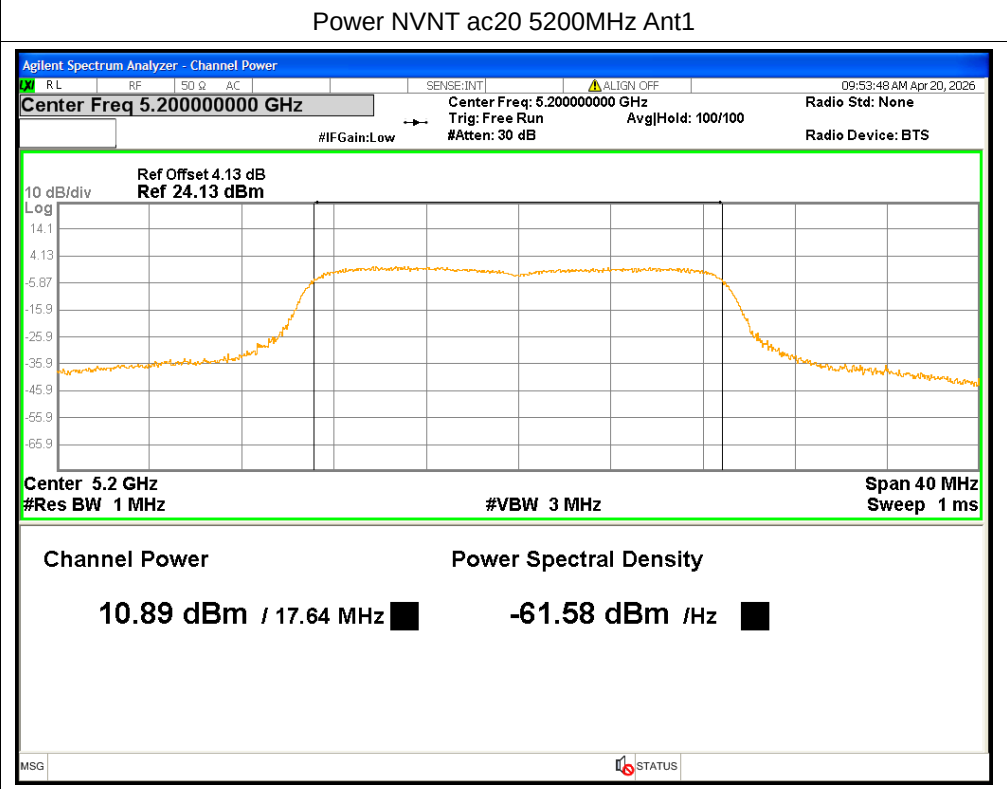
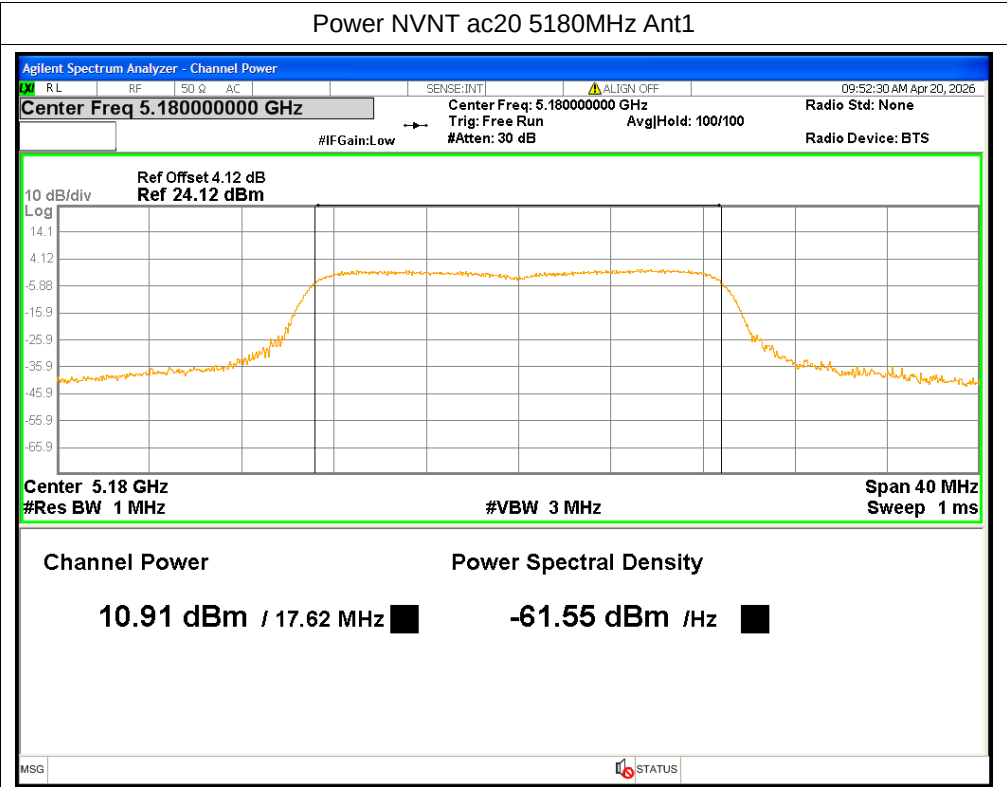


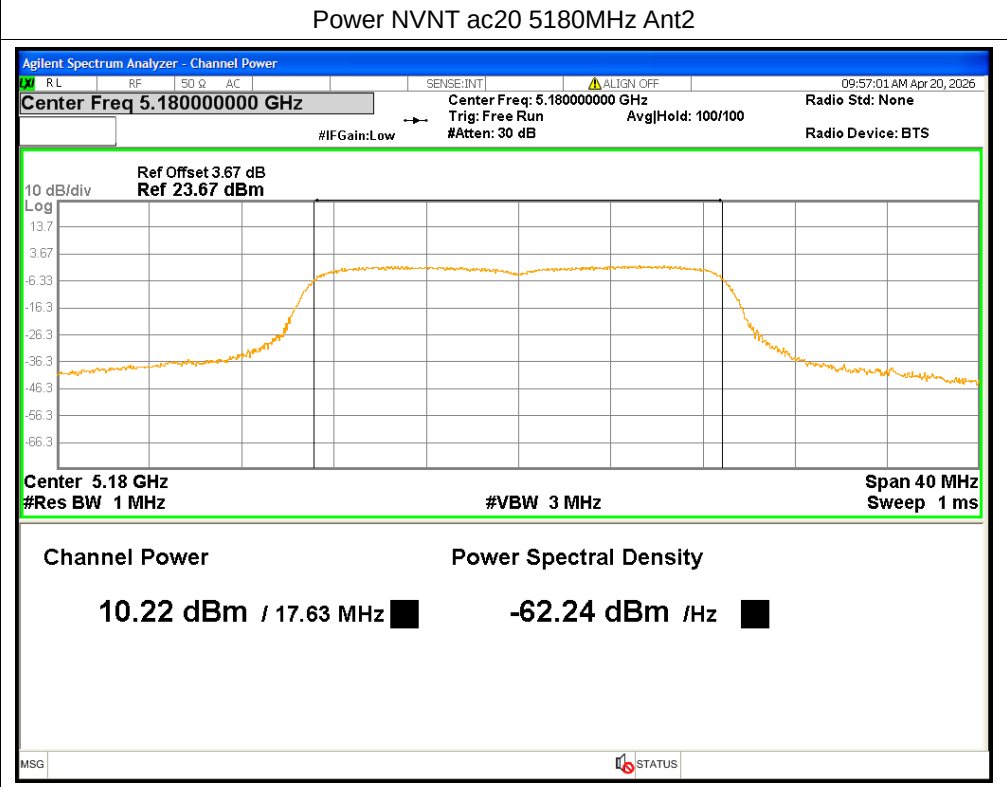
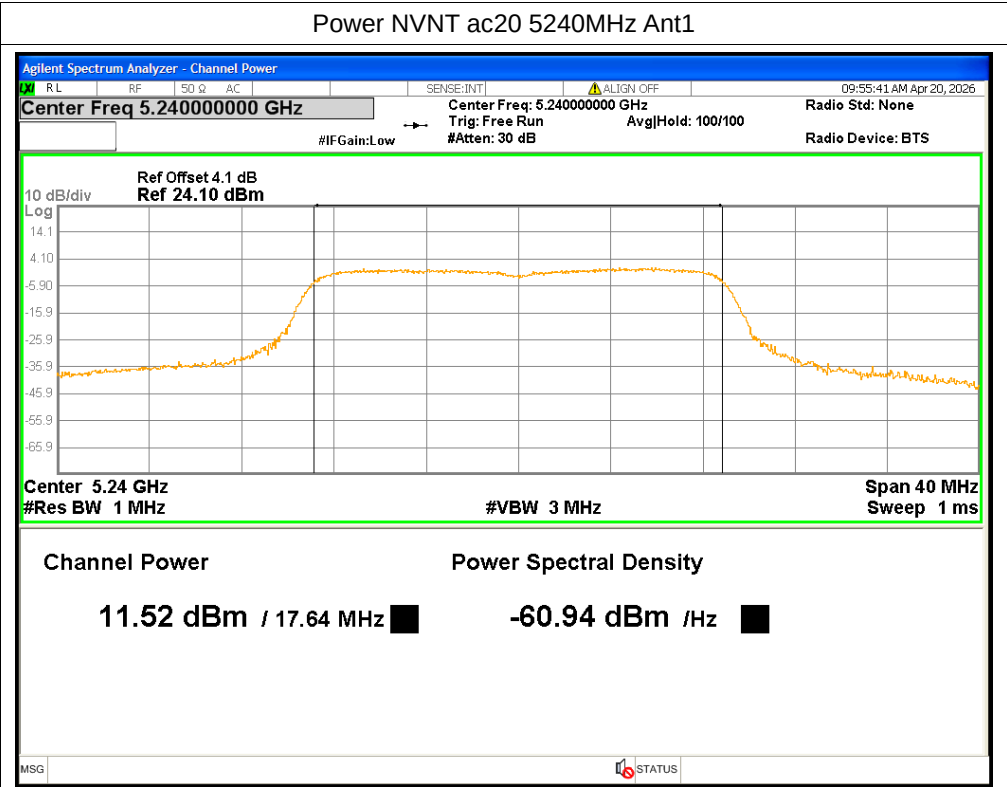
Power NVNT n40 5190MHz Ant2

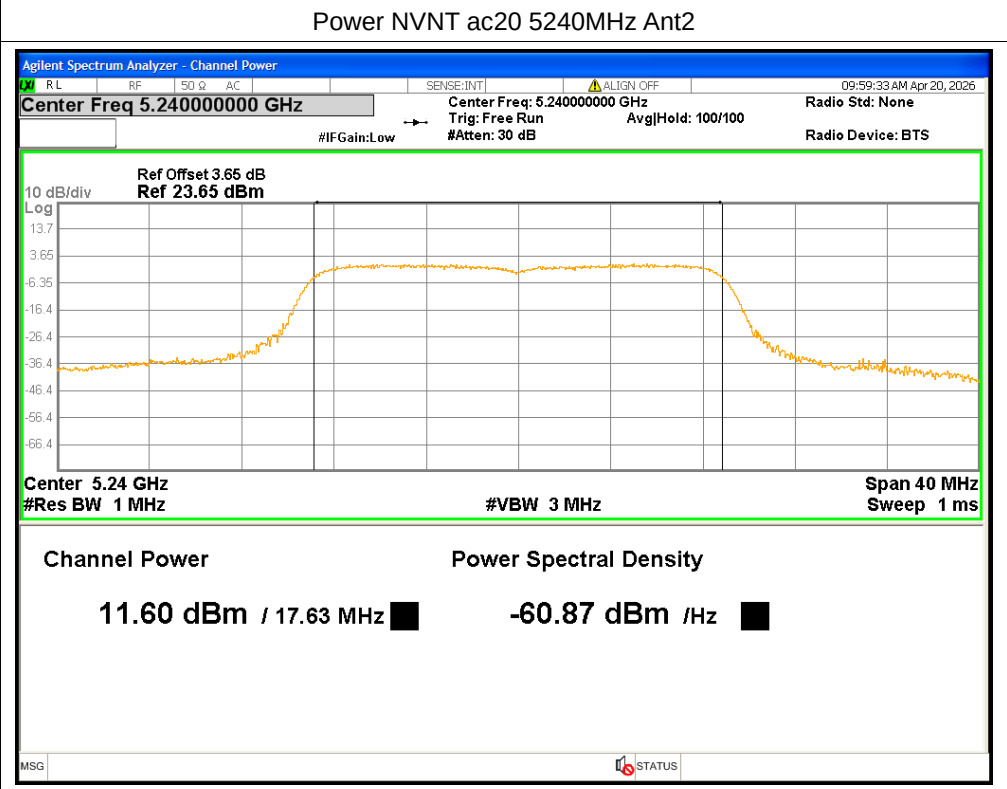
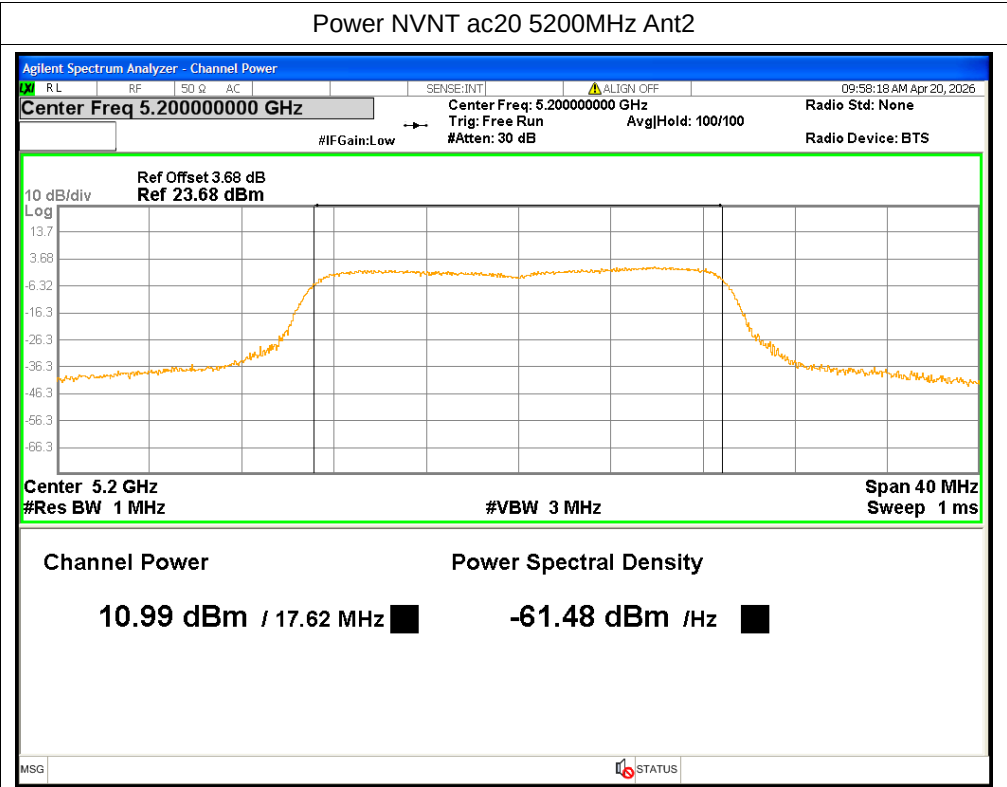


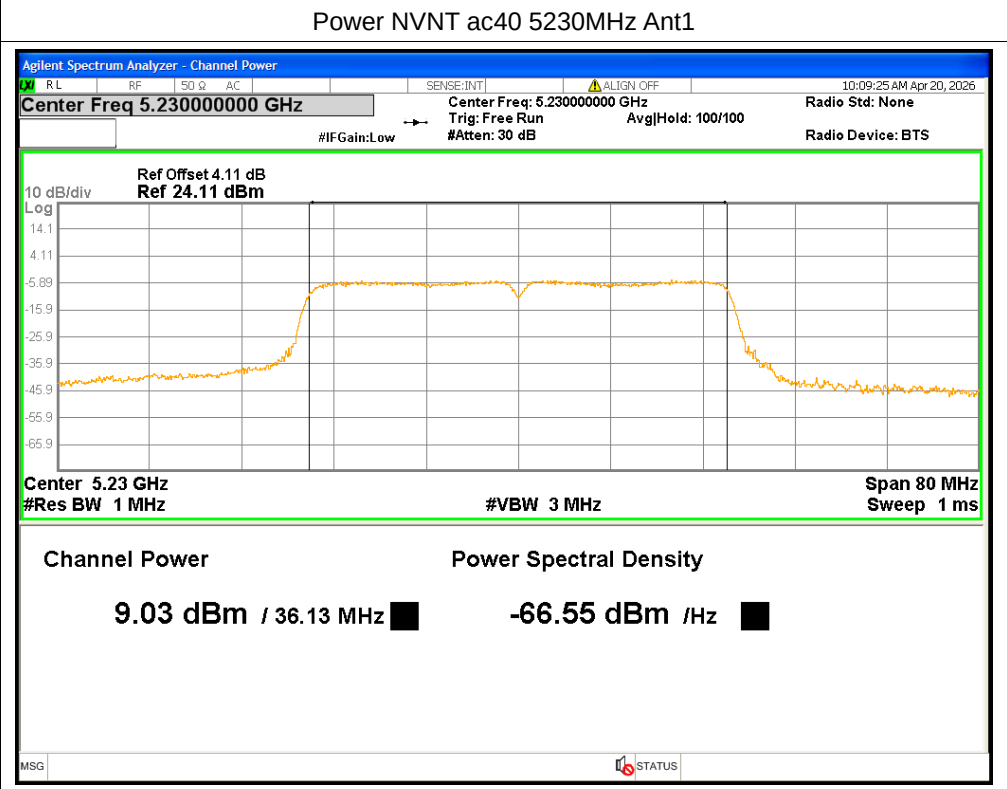
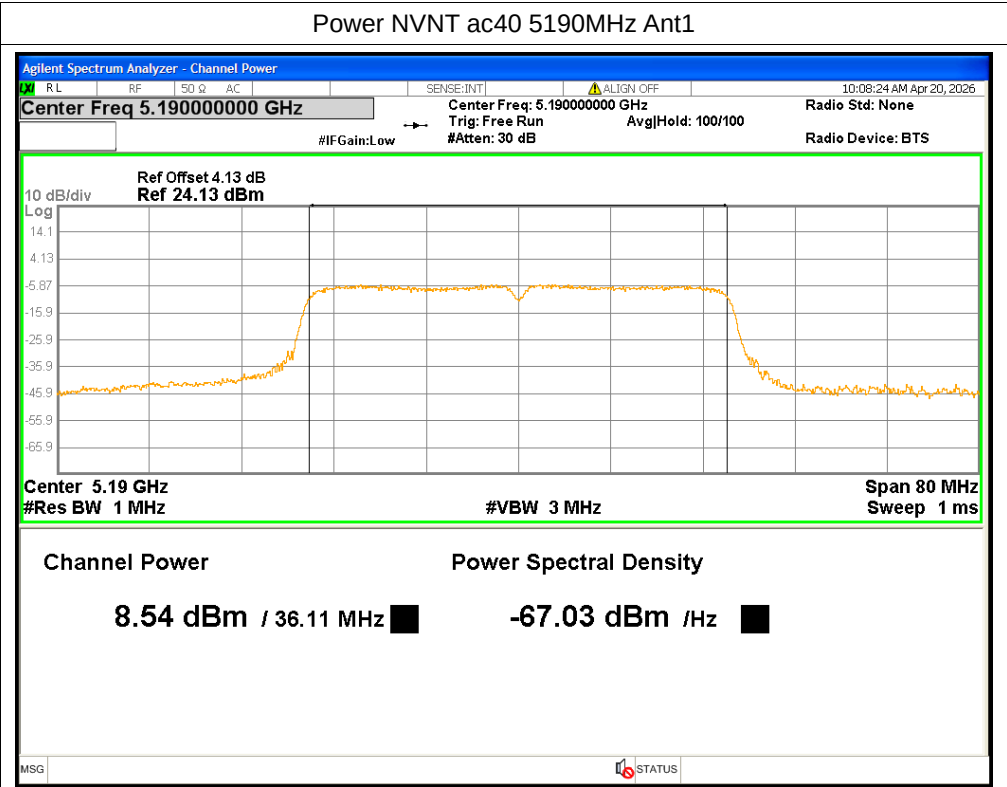
Power NVNT n40 5230MHz Ant2



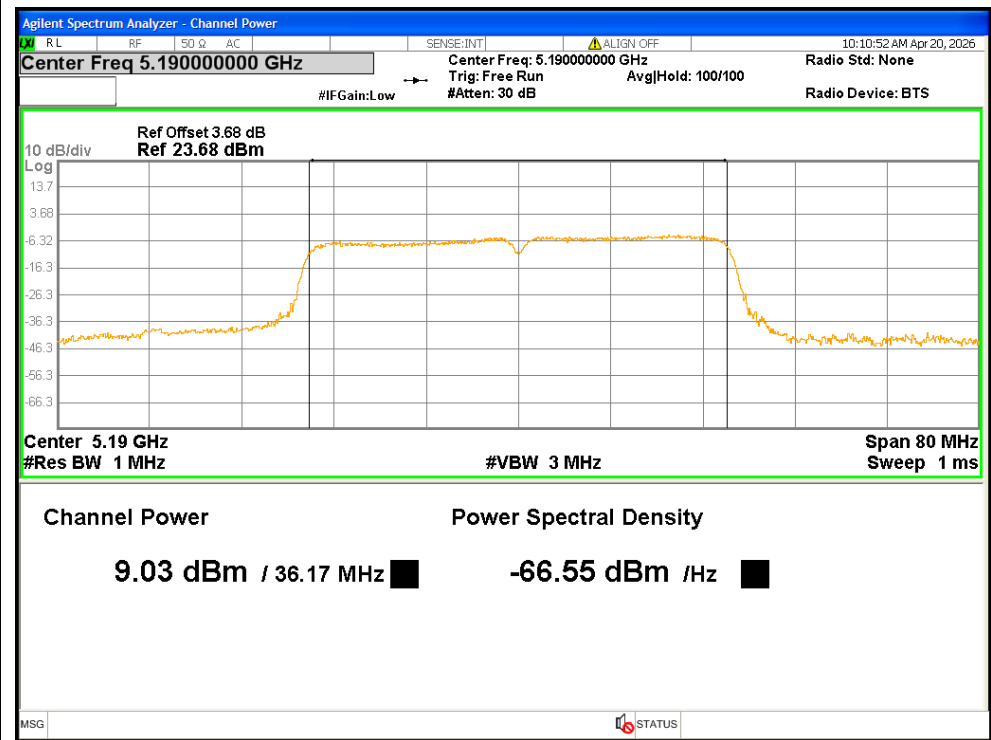




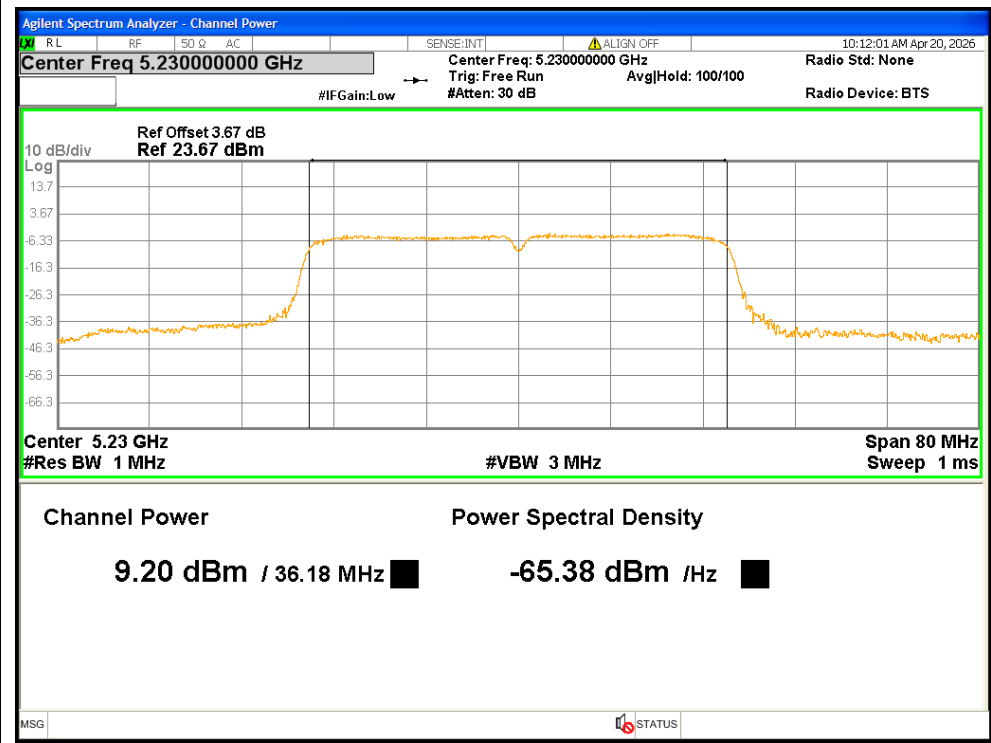




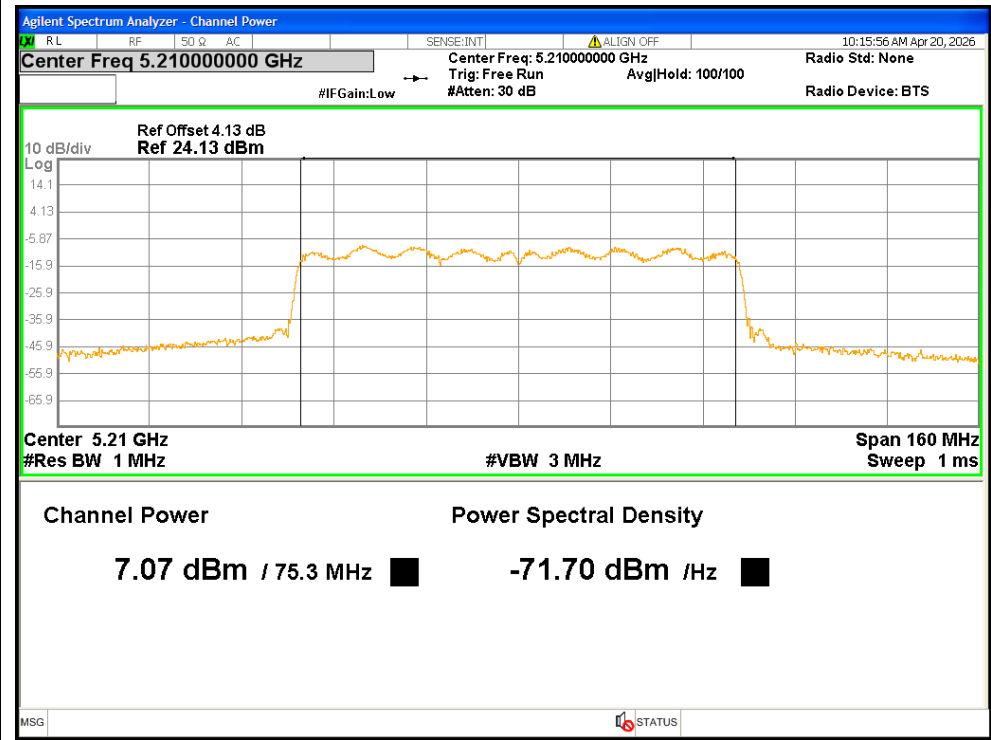
Power NVNT ac40 5190MHz Ant2



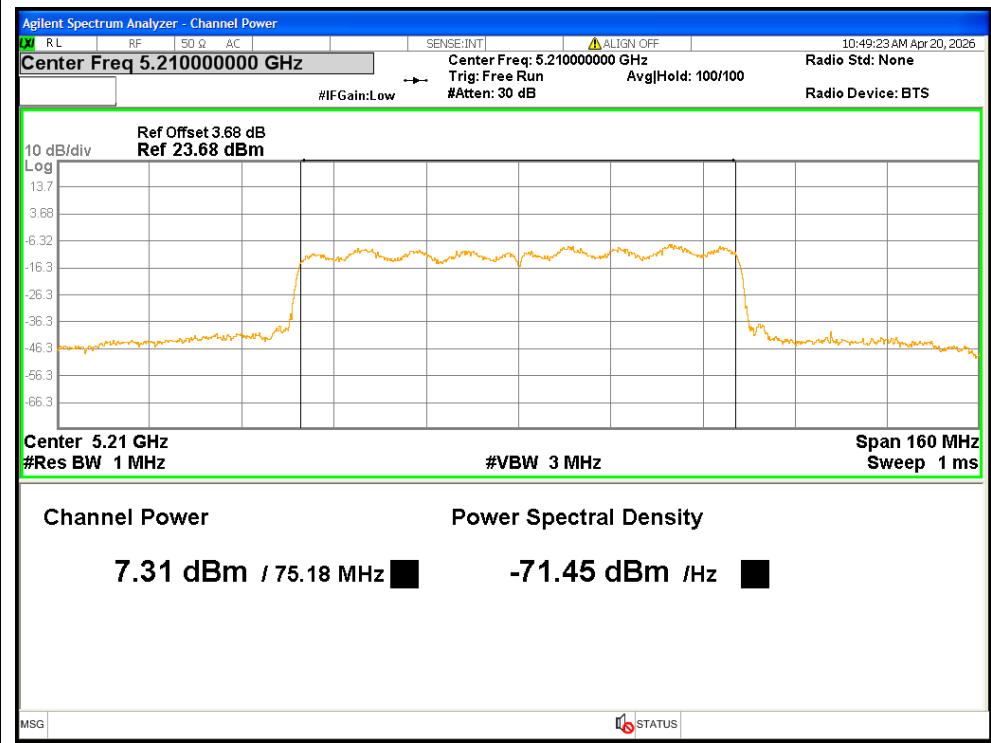
Power NVNT ac40 5230MHz Ant2



Power NVNT ac80 5210MHz Ant1



Power NVNT ac80 5210MHz Ant2

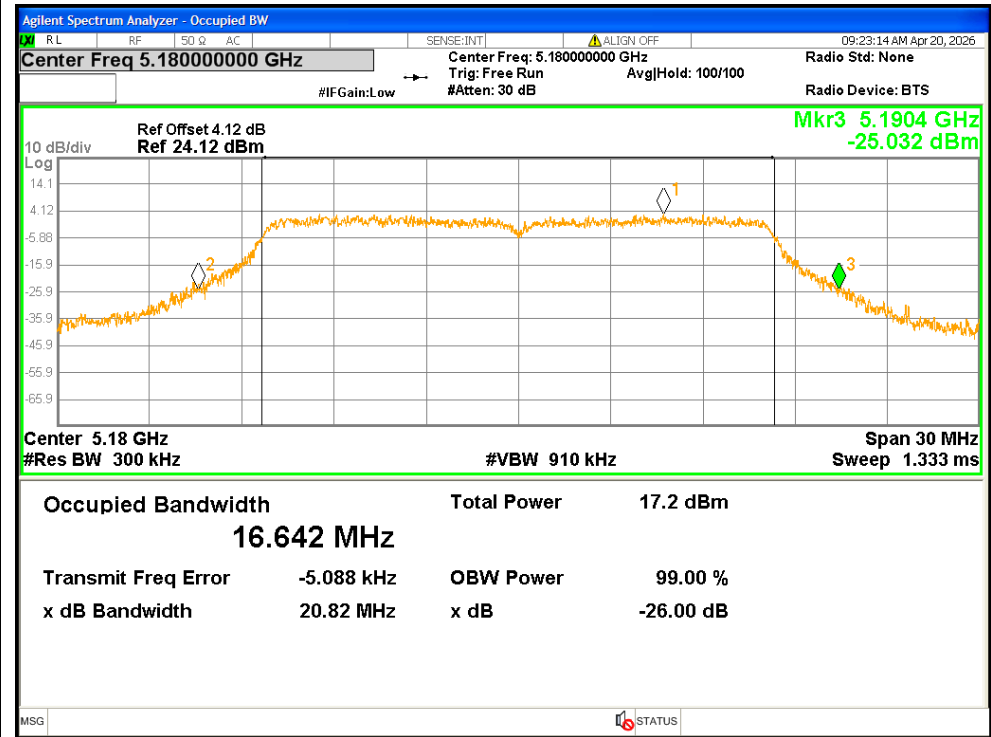


-26dB Bandwidth

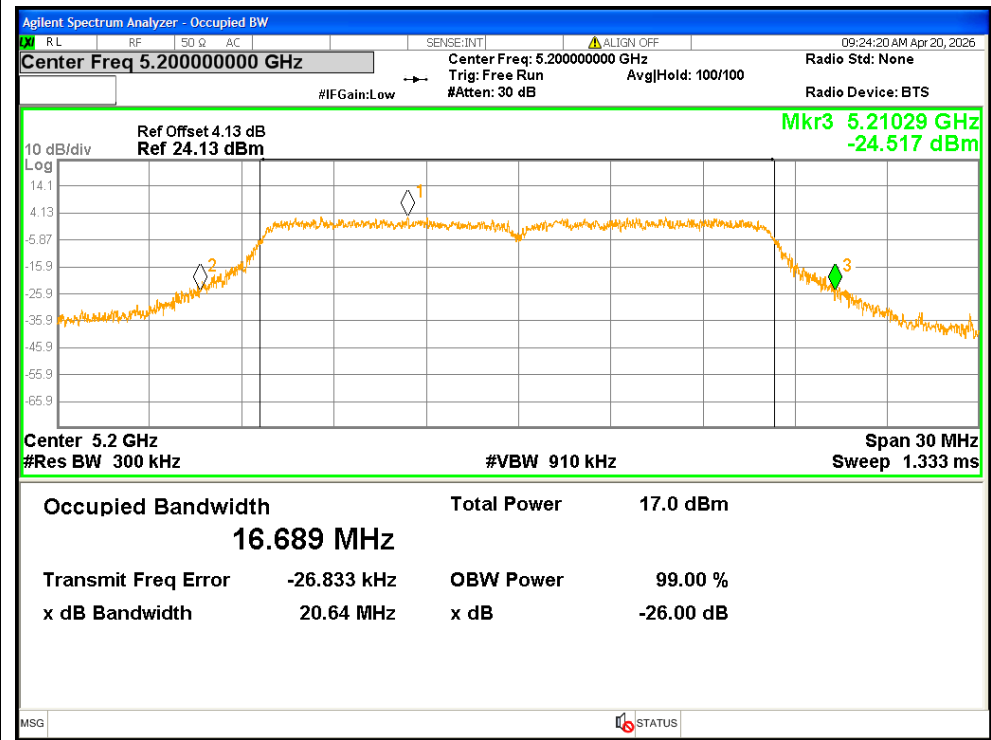
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.82	Pass
NVNT	a	5200	Ant1	20.64	Pass
NVNT	a	5240	Ant1	20.51	Pass
NVNT	a	5180	Ant2	20.65	Pass
NVNT	a	5200	Ant2	20.88	Pass
NVNT	a	5240	Ant2	20.77	Pass
NVNT	n20	5180	Ant1	21.35	Pass
NVNT	n20	5200	Ant1	21.77	Pass
NVNT	n20	5240	Ant1	21.65	Pass
NVNT	n20	5180	Ant2	21.46	Pass
NVNT	n20	5200	Ant2	21.64	Pass
NVNT	n20	5240	Ant2	21.48	Pass
NVNT	n40	5190	Ant1	42.94	Pass
NVNT	n40	5230	Ant1	42.98	Pass
NVNT	n40	5190	Ant2	42.5	Pass
NVNT	n40	5230	Ant2	42.92	Pass
NVNT	ac20	5180	Ant1	21.86	Pass
NVNT	ac20	5200	Ant1	21.35	Pass
NVNT	ac20	5240	Ant1	21.88	Pass
NVNT	ac20	5180	Ant2	21.15	Pass
NVNT	ac20	5200	Ant2	21.44	Pass
NVNT	ac20	5240	Ant2	21.1	Pass
NVNT	ac40	5190	Ant1	42.46	Pass
NVNT	ac40	5230	Ant1	42.4	Pass
NVNT	ac40	5190	Ant2	42.68	Pass
NVNT	ac40	5230	Ant2	42.82	Pass
NVNT	ac80	5210	Ant1	81.47	Pass
NVNT	ac80	5210	Ant2	82.66	Pass

Test Graphs

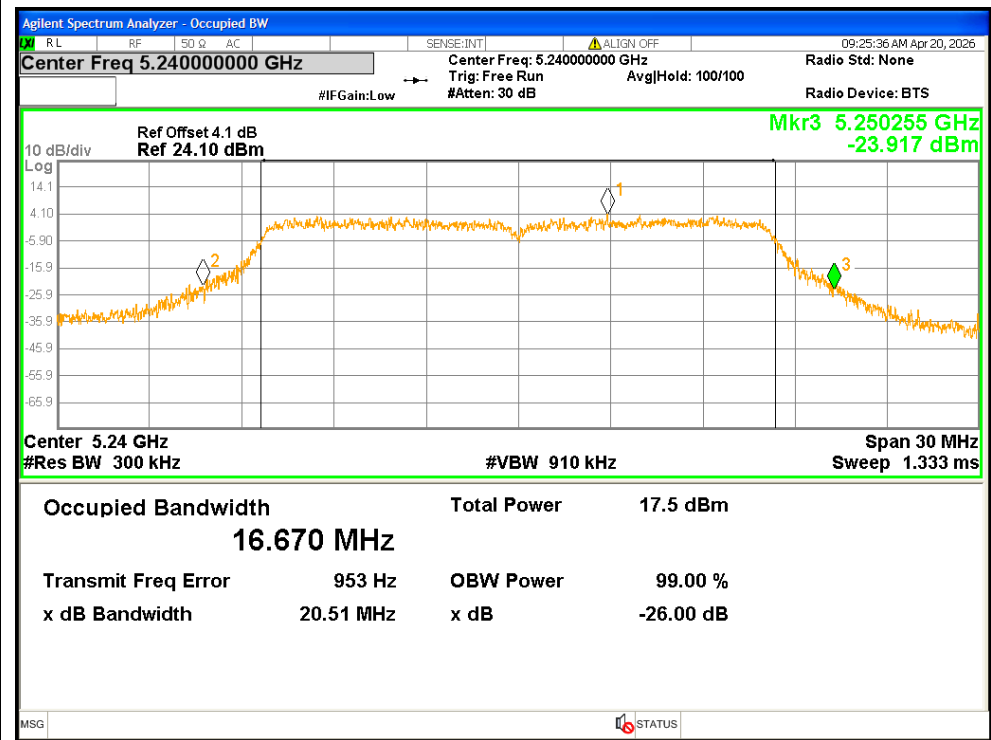
-26dB Bandwidth NVNT a 5180MHz Ant1



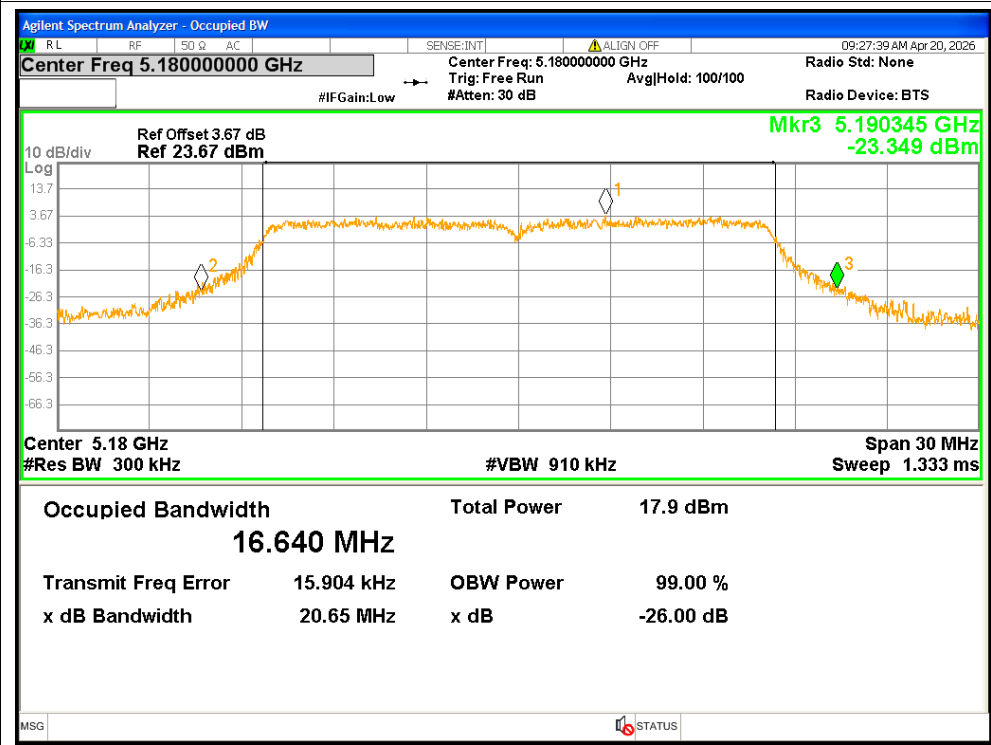
-26dB Bandwidth NVNT a 5200MHz Ant1



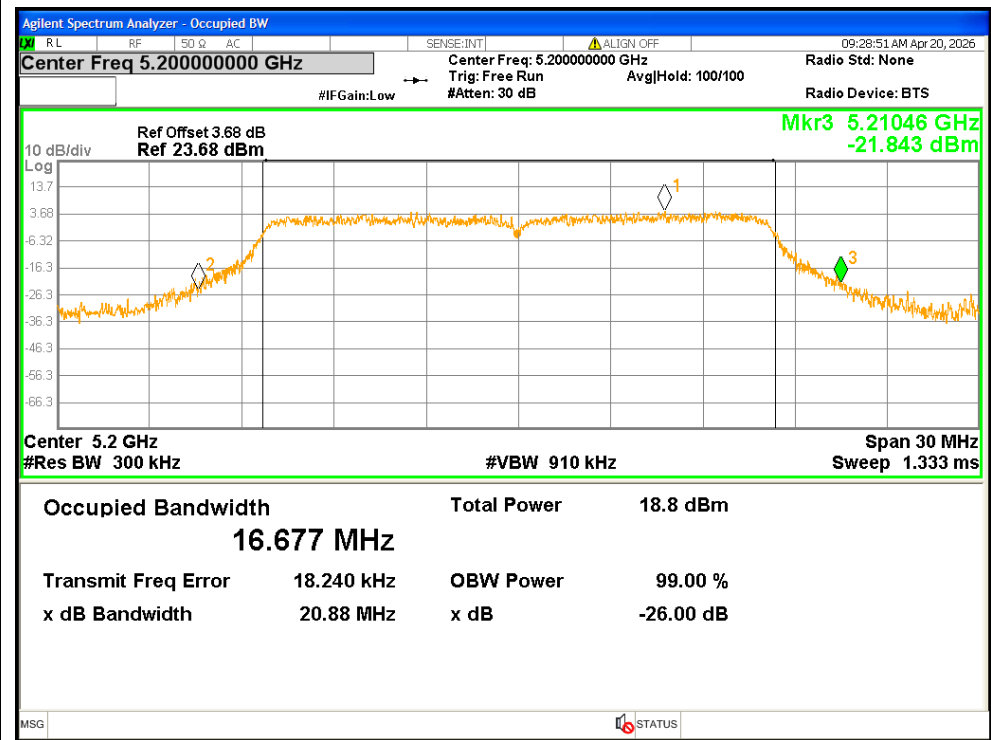
-26dB Bandwidth NVNT a 5240MHz Ant1



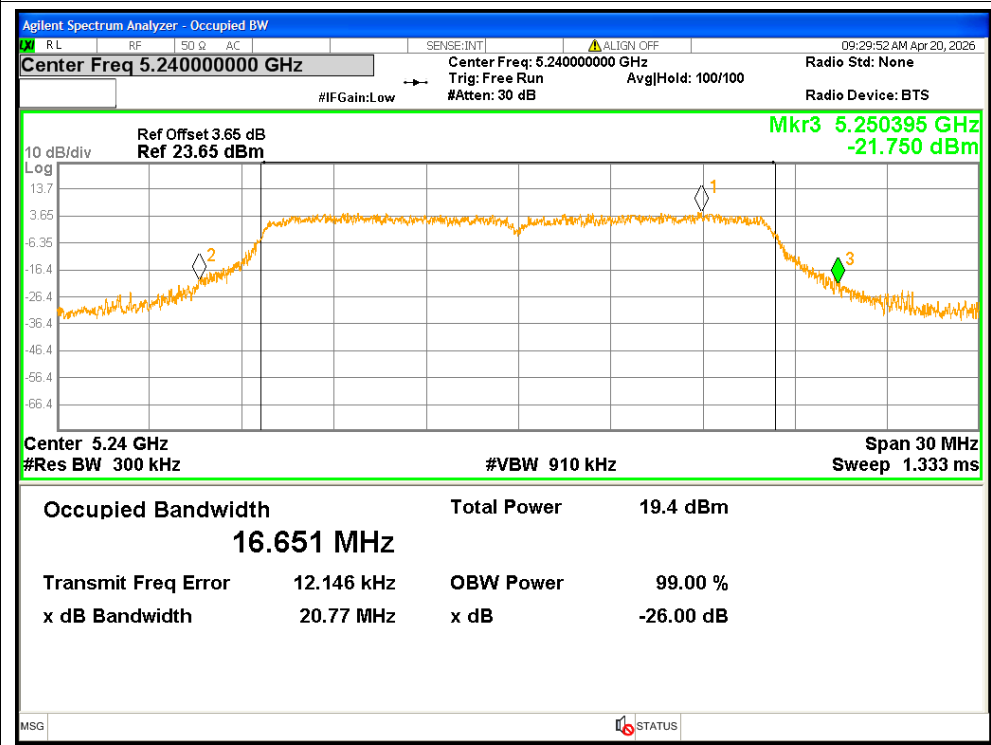
-26dB Bandwidth NVNT a 5180MHz Ant2



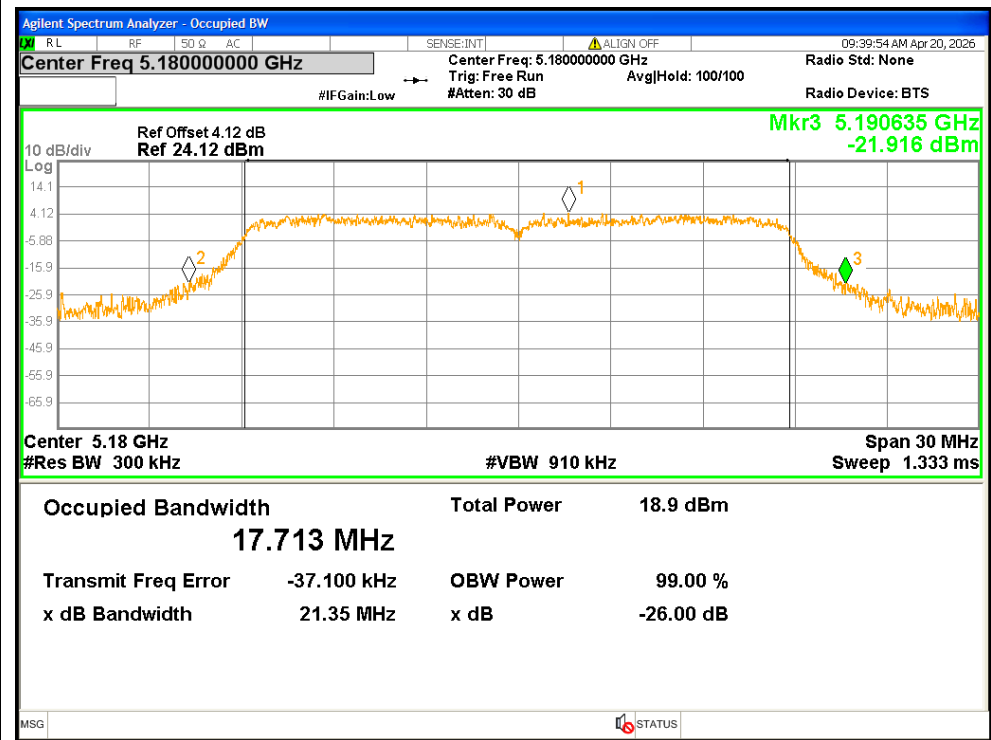
-26dB Bandwidth NVNT a 5200MHz Ant2



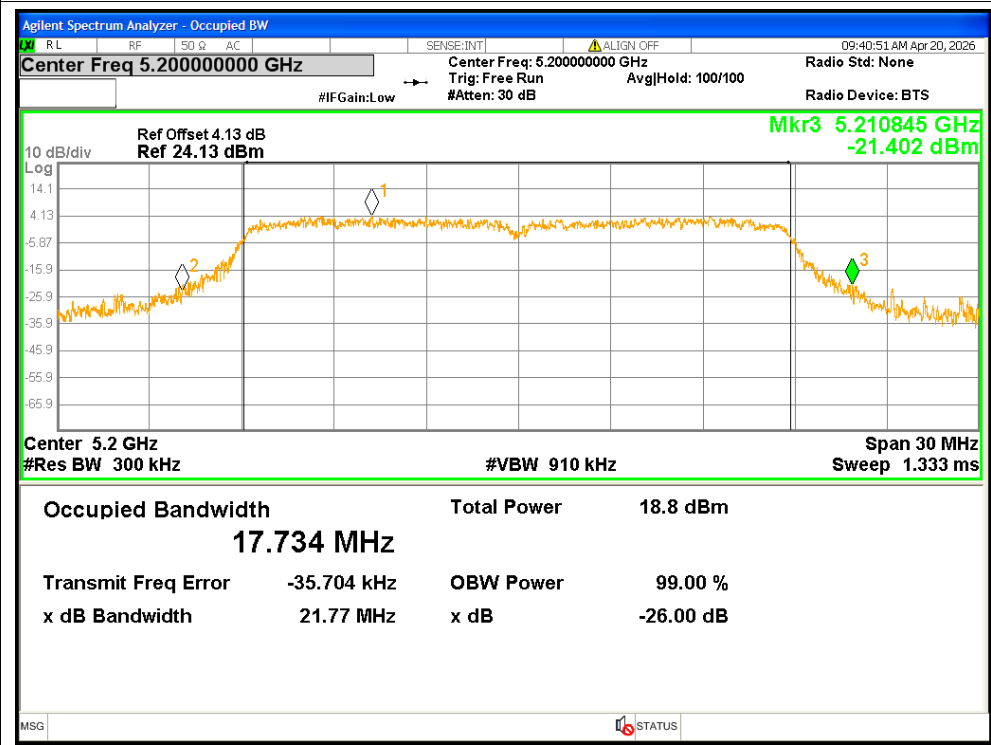
-26dB Bandwidth NVNT a 5240MHz Ant2



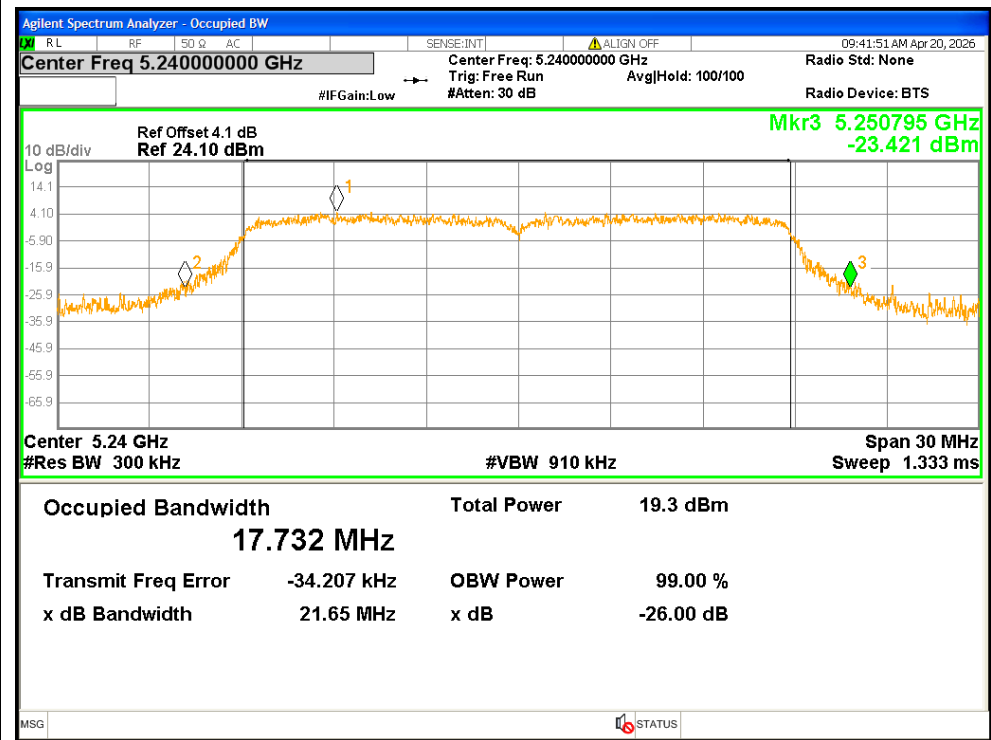
-26dB Bandwidth NVNT n20 5180MHz Ant1



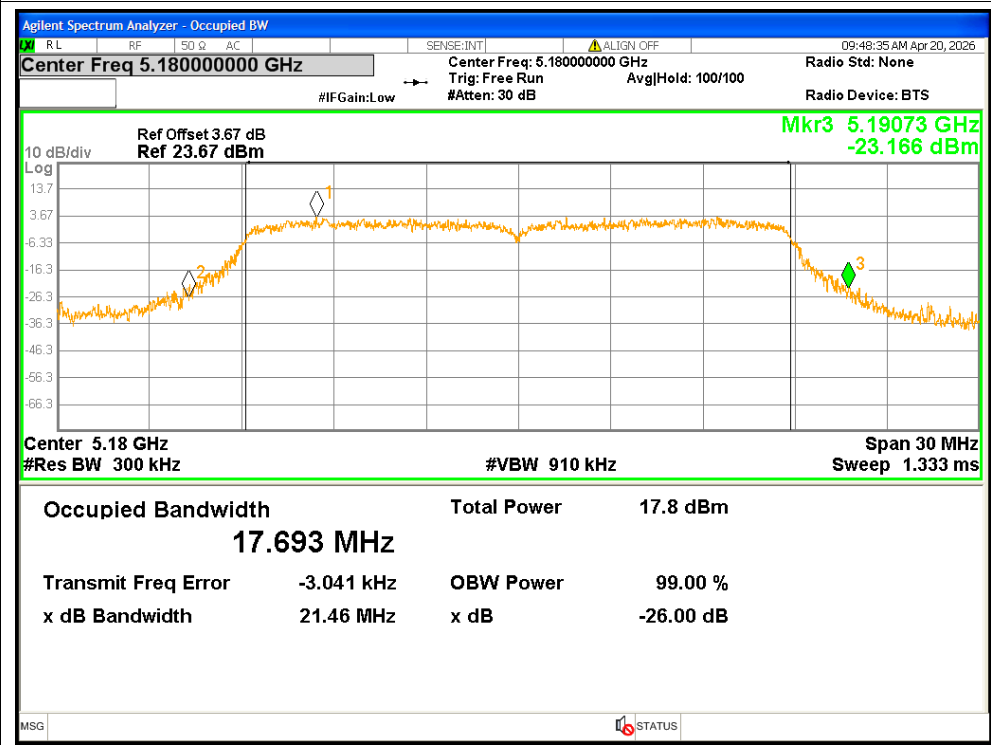
-26dB Bandwidth NVNT n20 5200MHz Ant1



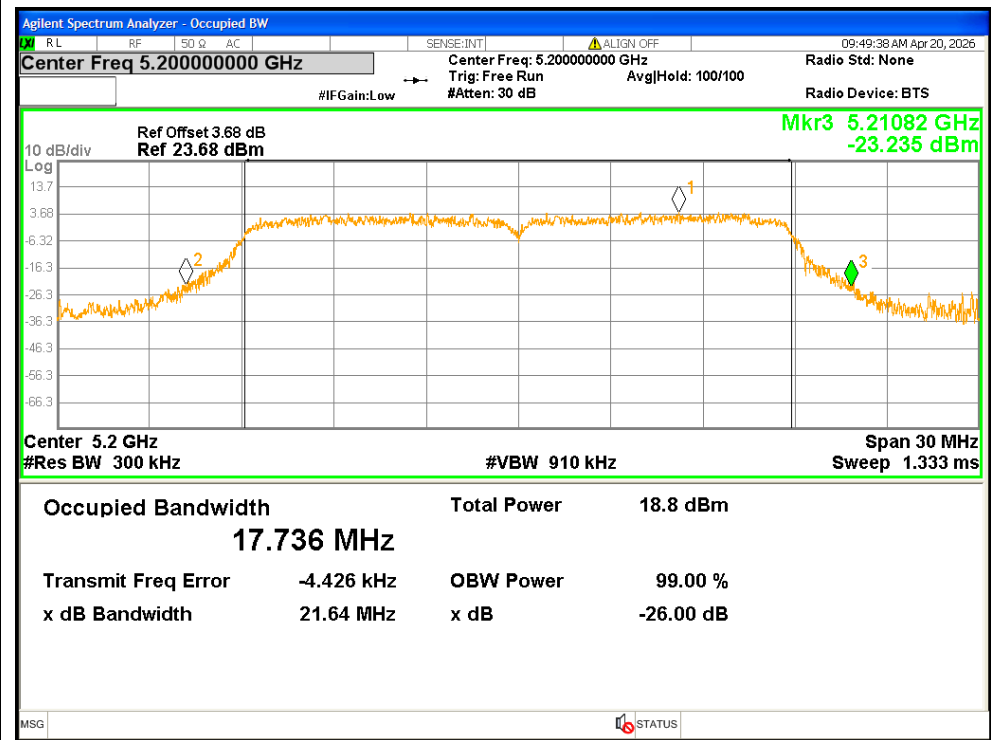
-26dB Bandwidth NVNT n20 5240MHz Ant1



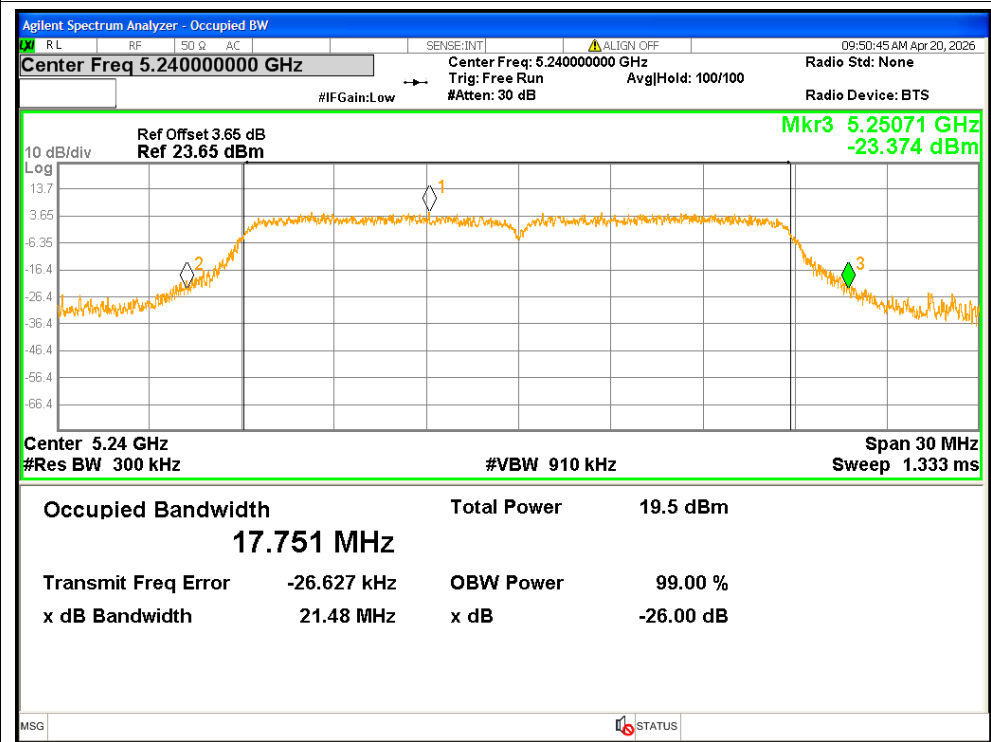
-26dB Bandwidth NVNT n20 5180MHz Ant2



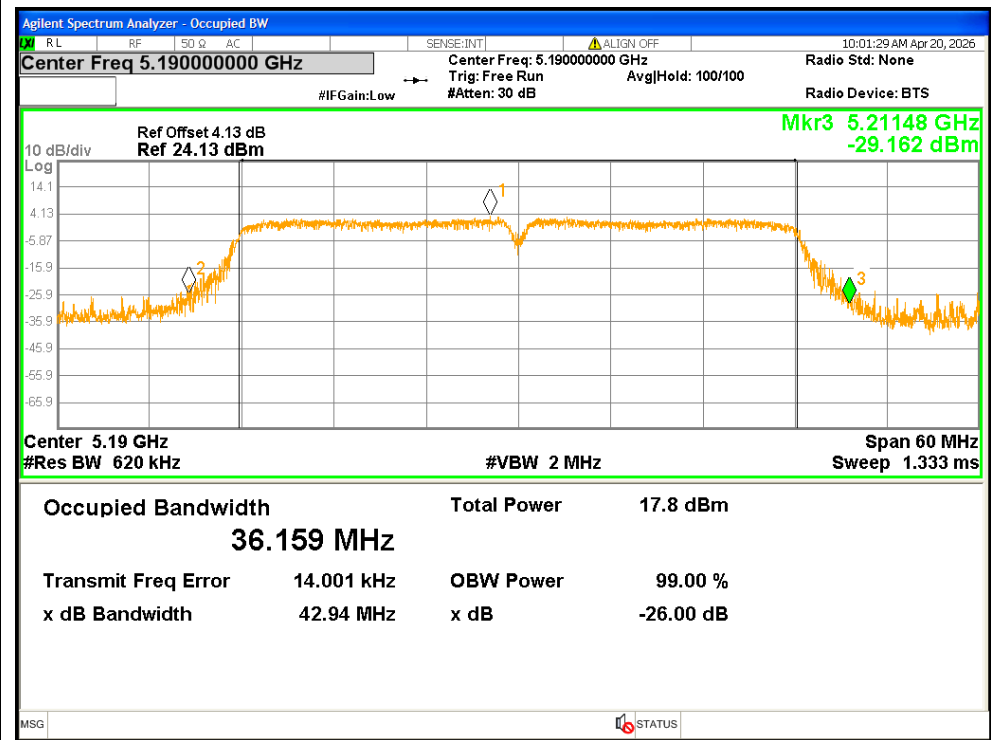
-26dB Bandwidth NVNT n20 5200MHz Ant2



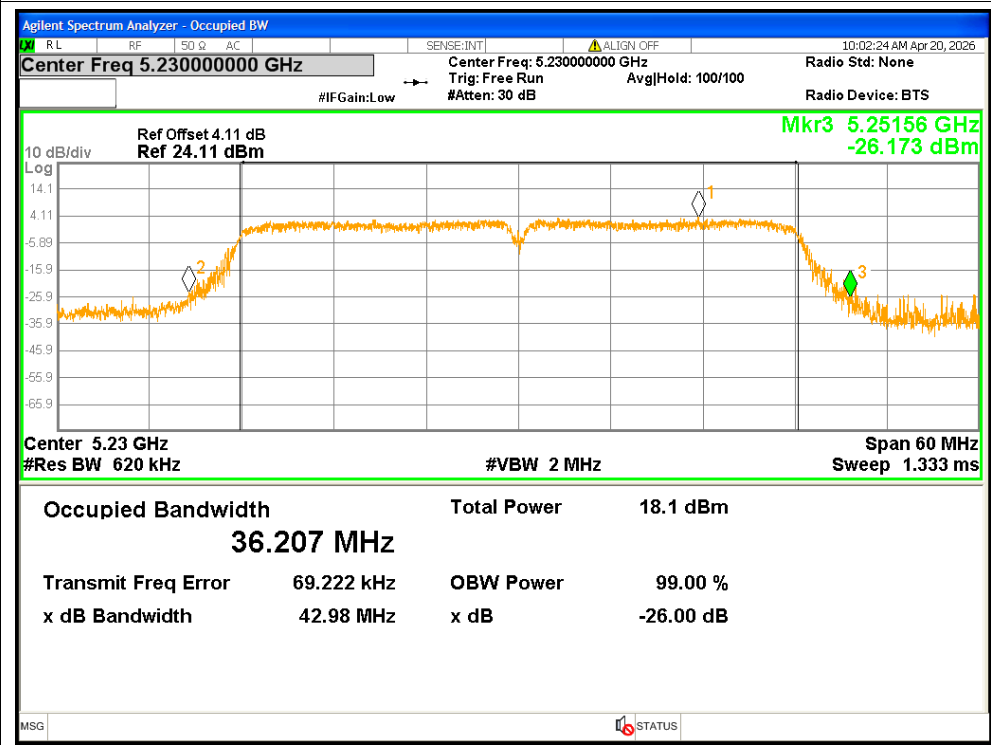
-26dB Bandwidth NVNT n20 5240MHz Ant2



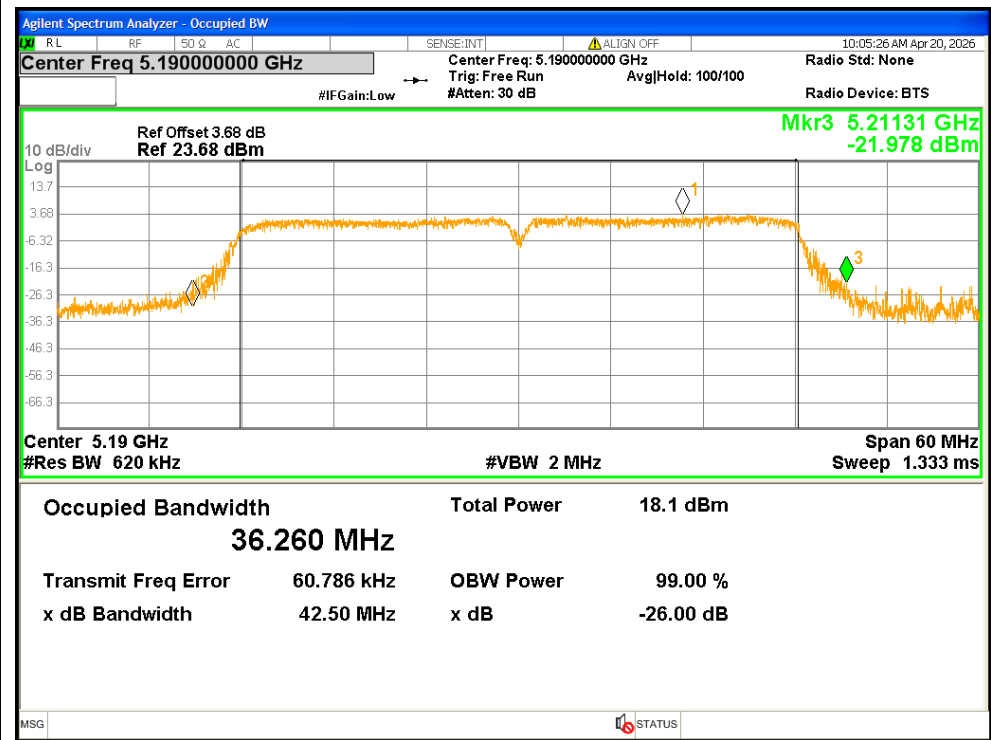
-26dB Bandwidth NVNT n40 5190MHz Ant1



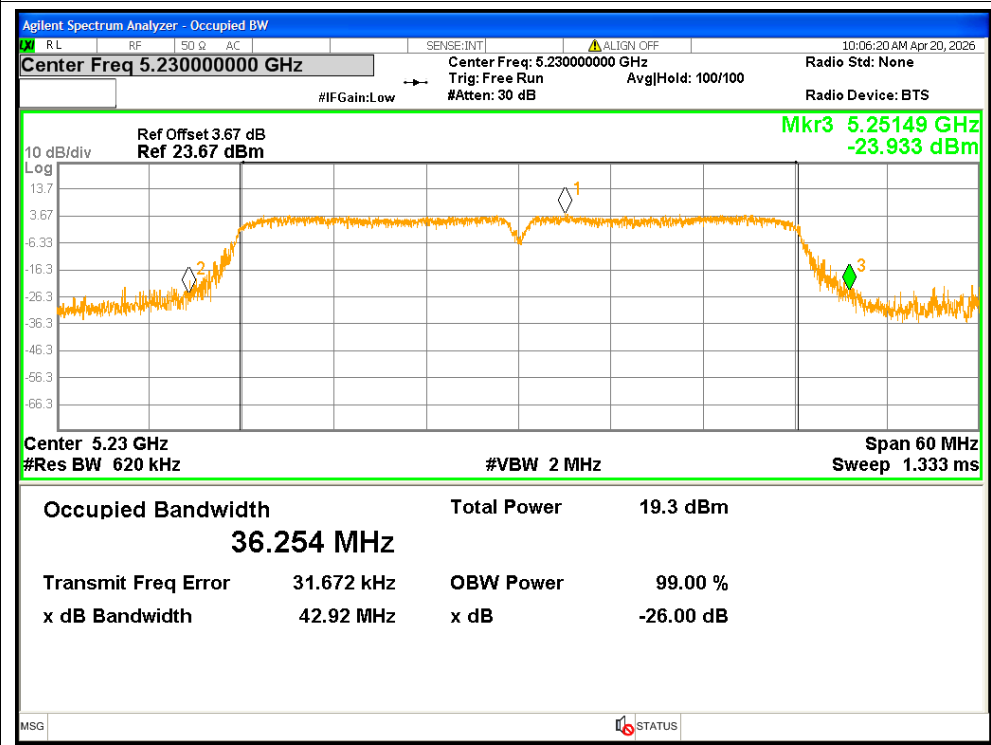
-26dB Bandwidth NVNT n40 5230MHz Ant1



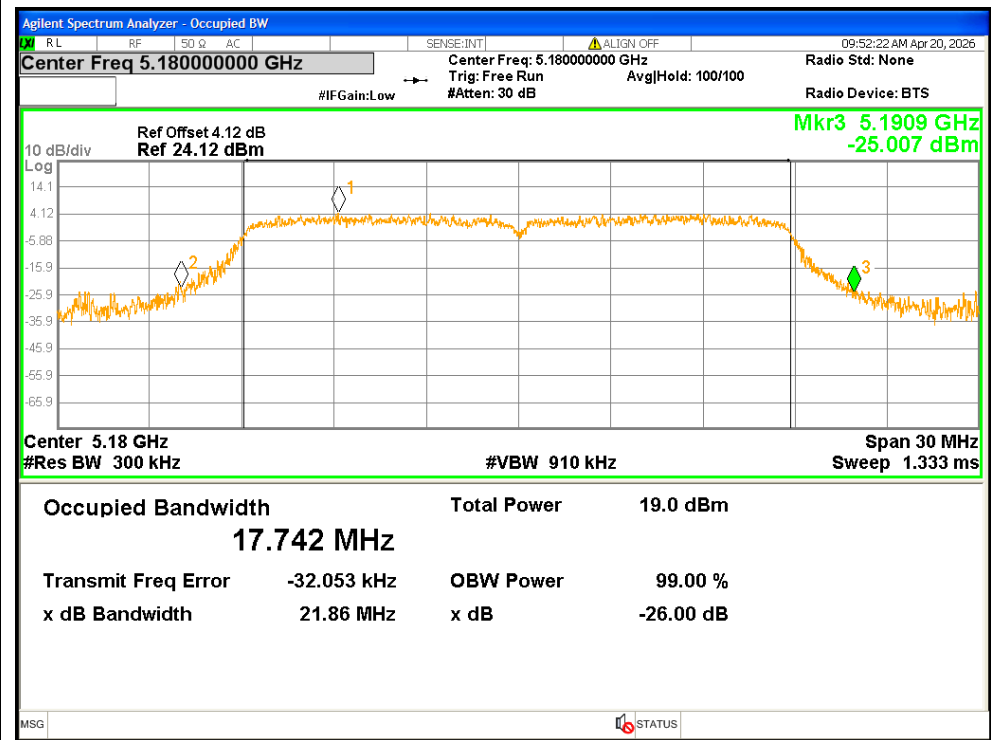
-26dB Bandwidth NVNT n40 5190MHz Ant2



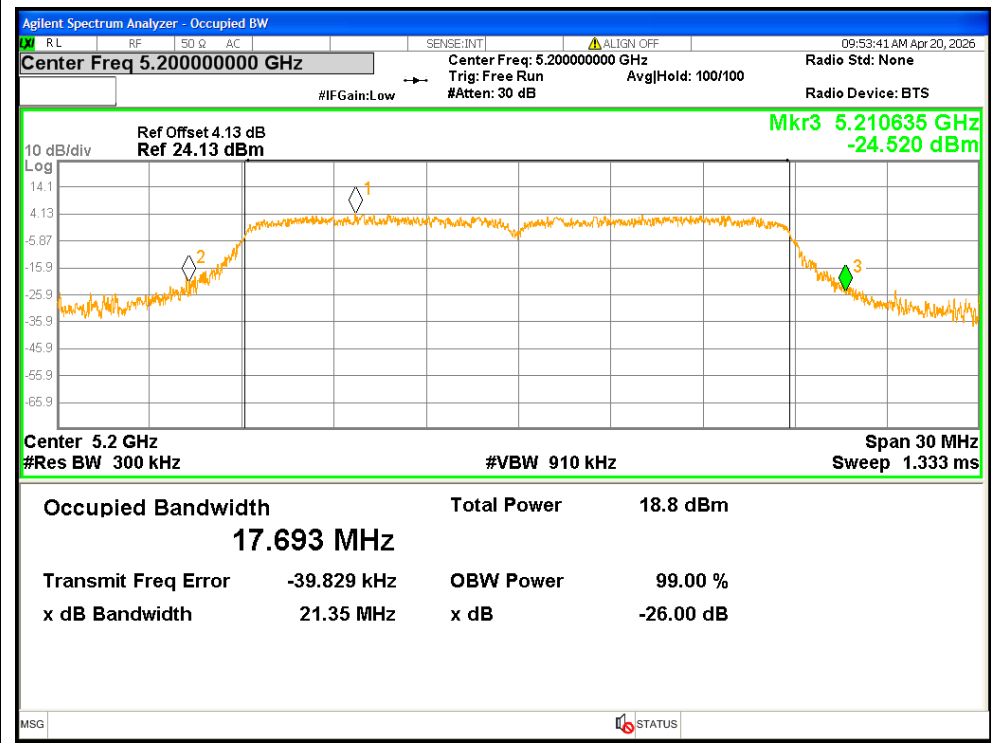
-26dB Bandwidth NVNT n40 5230MHz Ant2



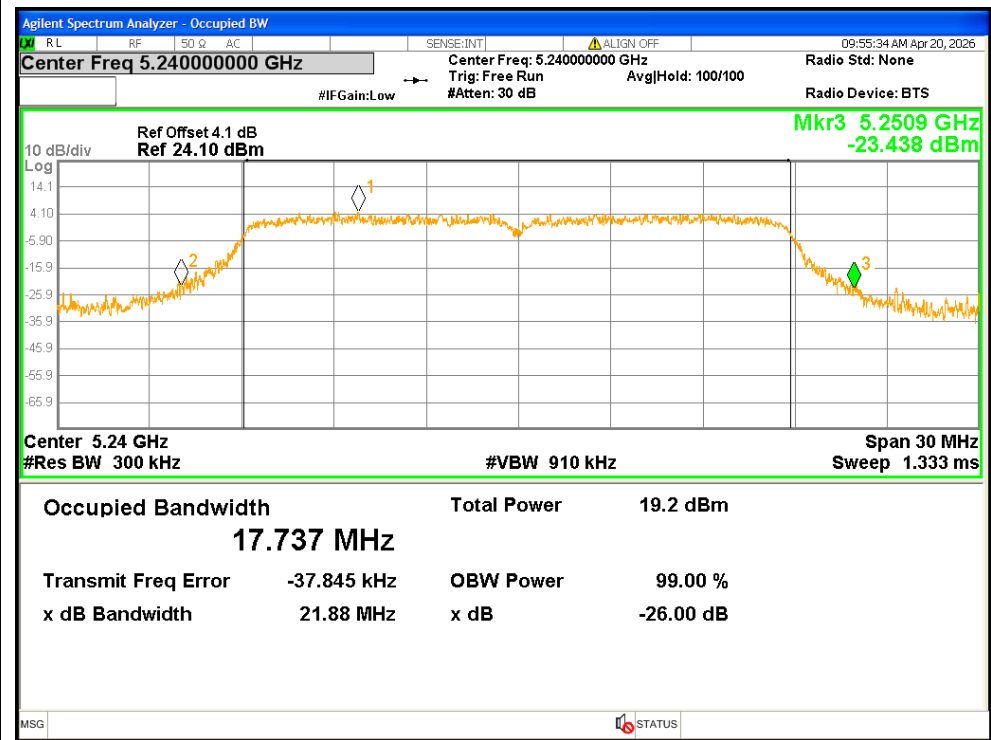
-26dB Bandwidth NVNT ac20 5180MHz Ant1



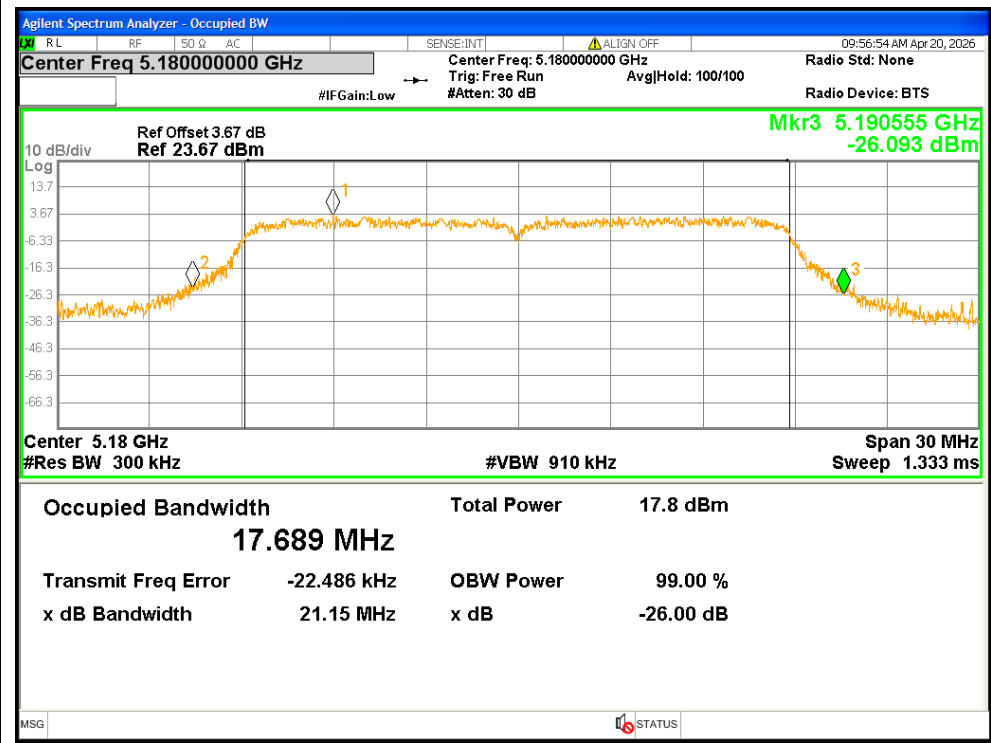
-26dB Bandwidth NVNT ac20 5200MHz Ant1



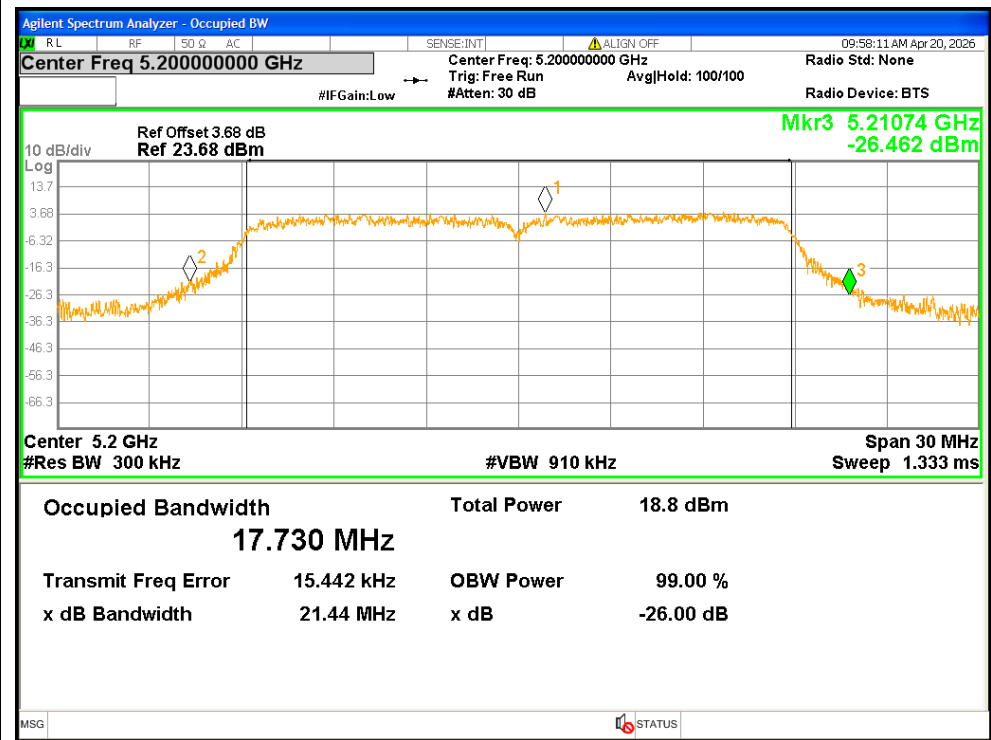
-26dB Bandwidth NVNT ac20 5240MHz Ant1



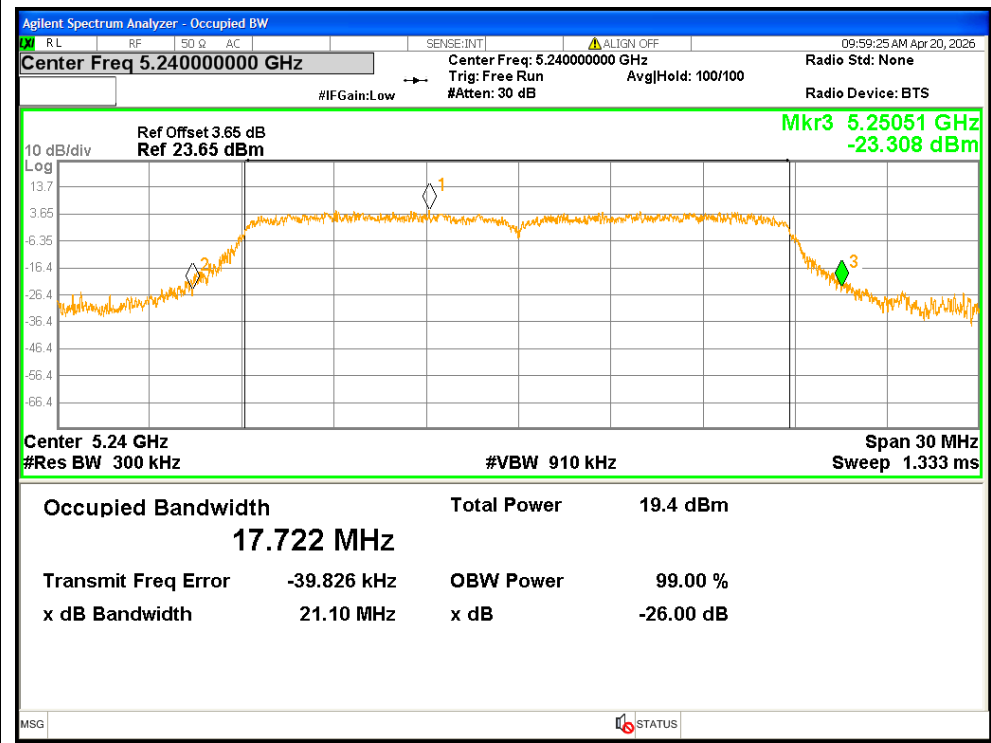
-26dB Bandwidth NVNT ac20 5180MHz Ant2



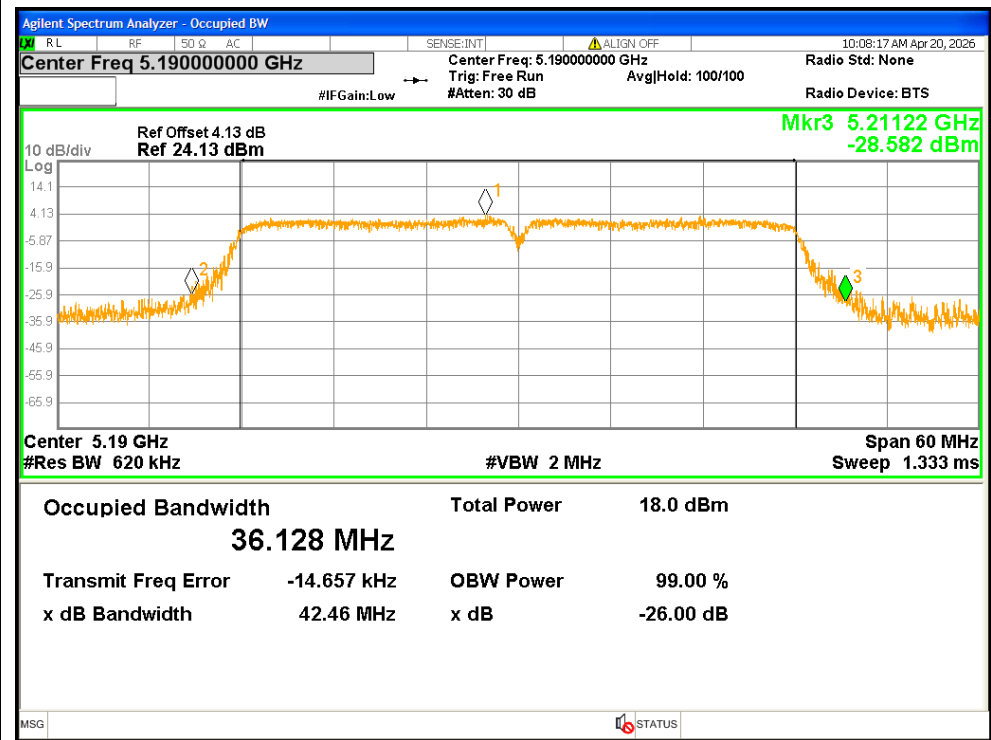
-26dB Bandwidth NVNT ac20 5200MHz Ant2



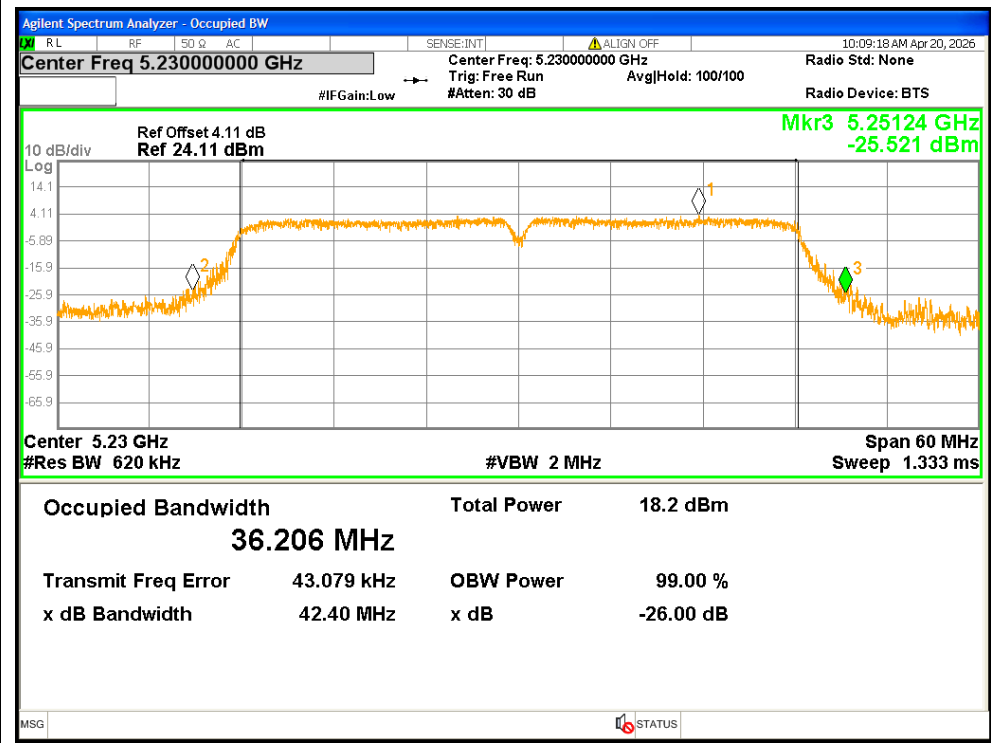
-26dB Bandwidth NVNT ac20 5240MHz Ant2



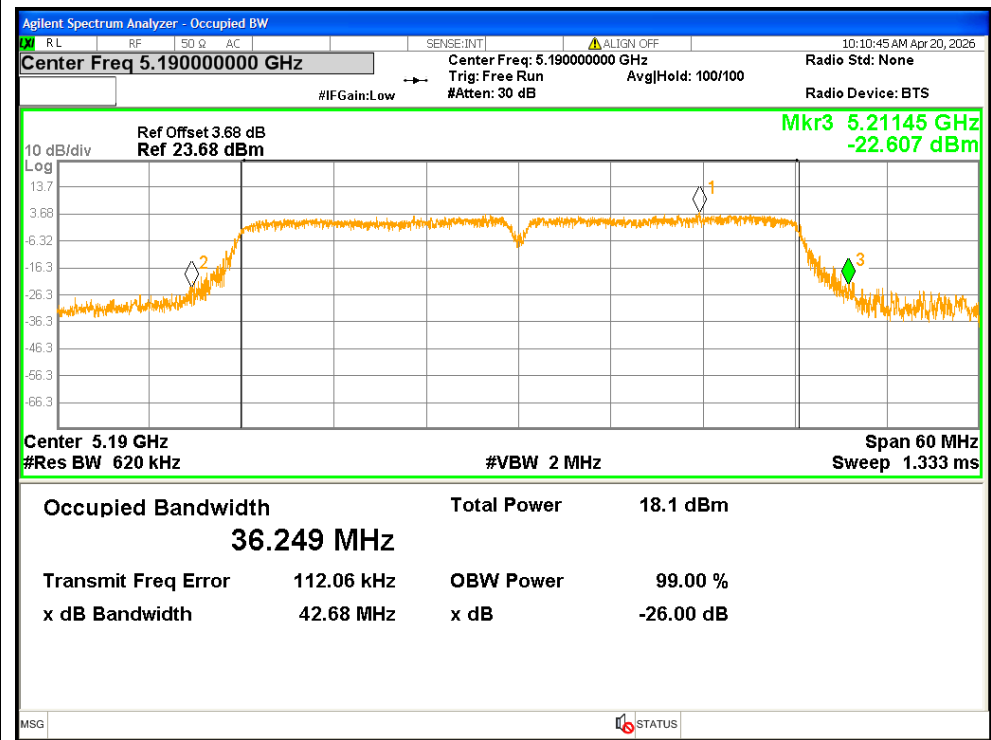
-26dB Bandwidth NVNT ac40 5190MHz Ant1



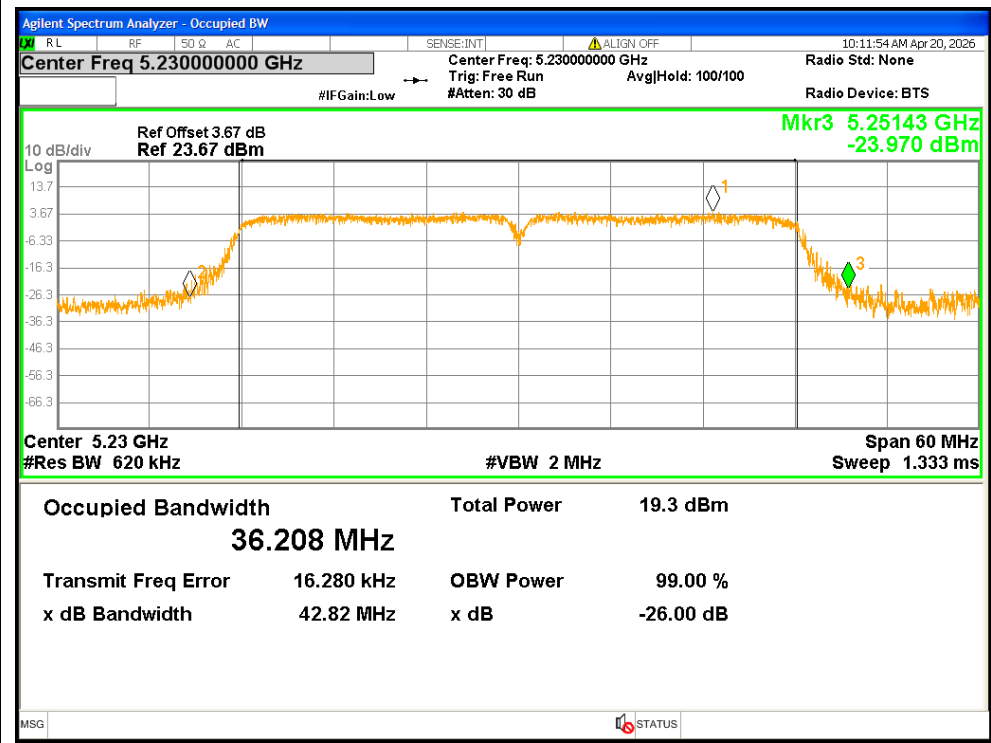
-26dB Bandwidth NVNT ac40 5230MHz Ant1



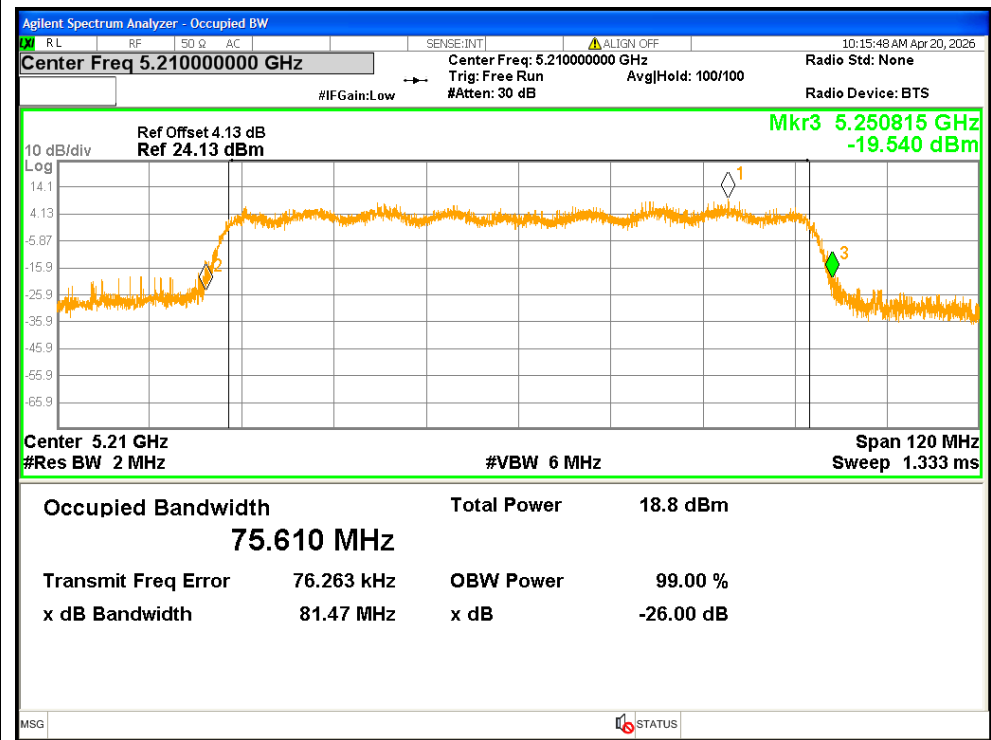
-26dB Bandwidth NVNT ac40 5190MHz Ant2



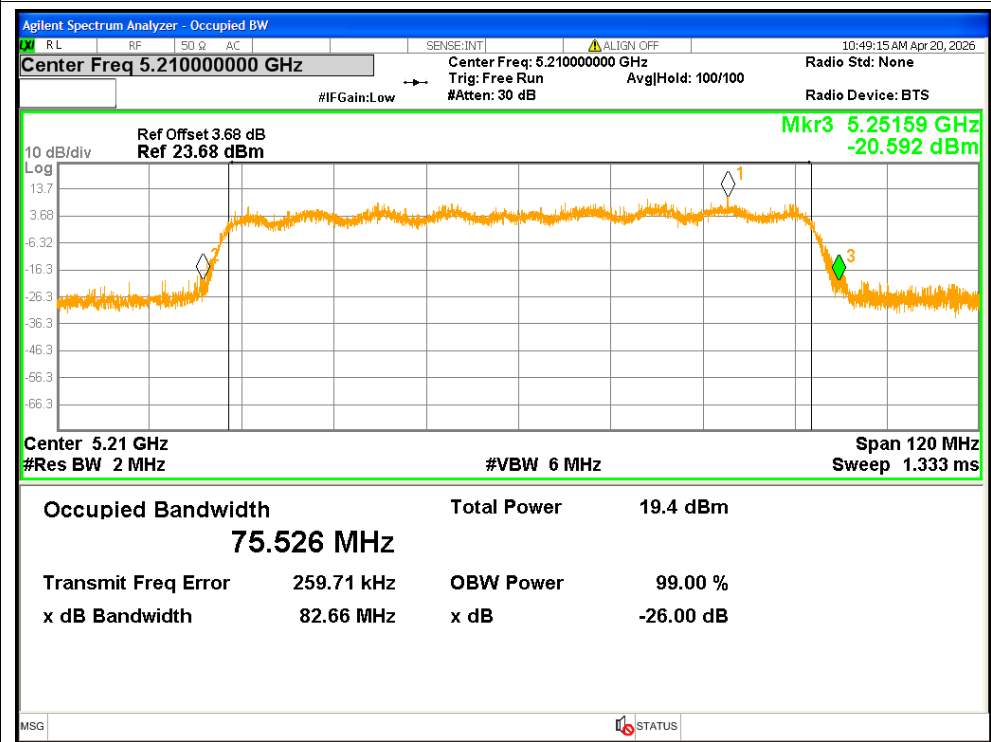
-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1

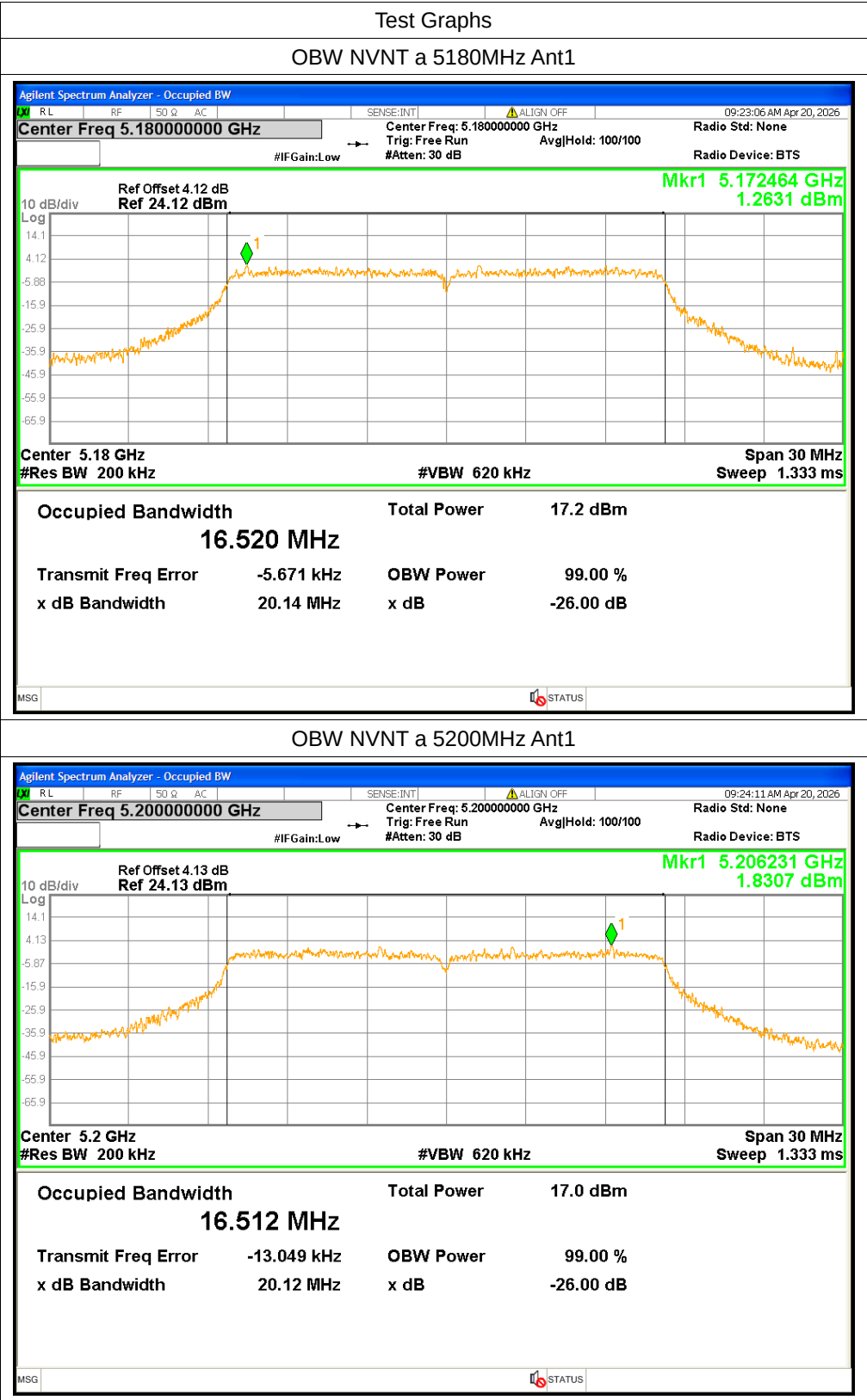


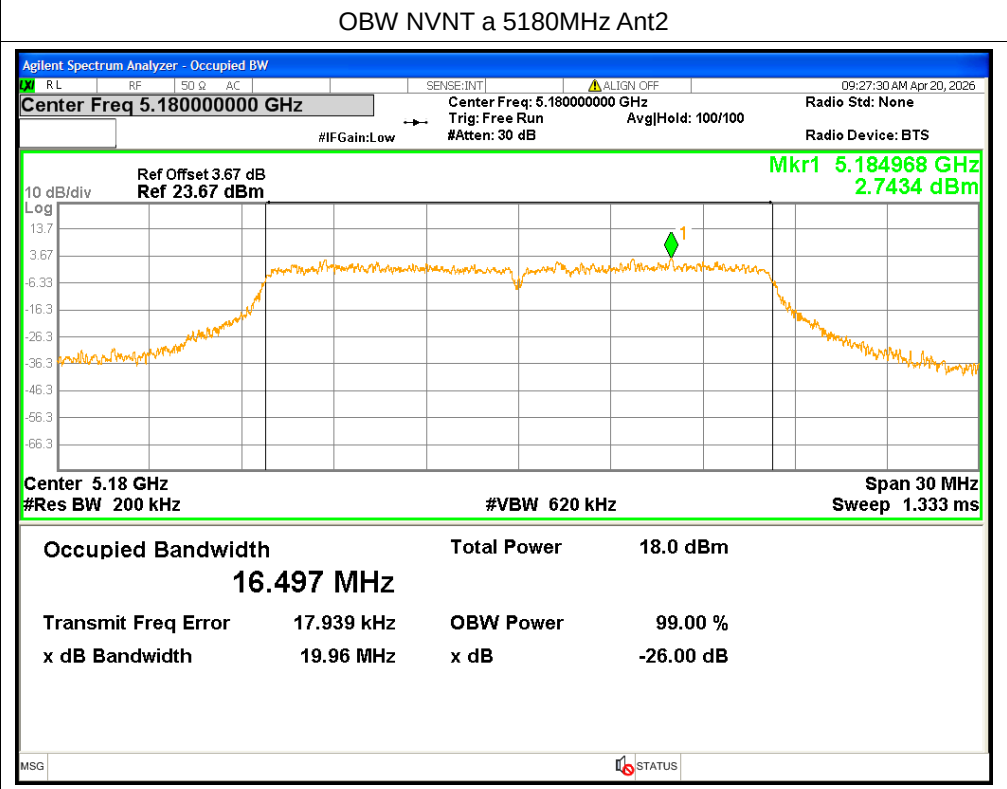
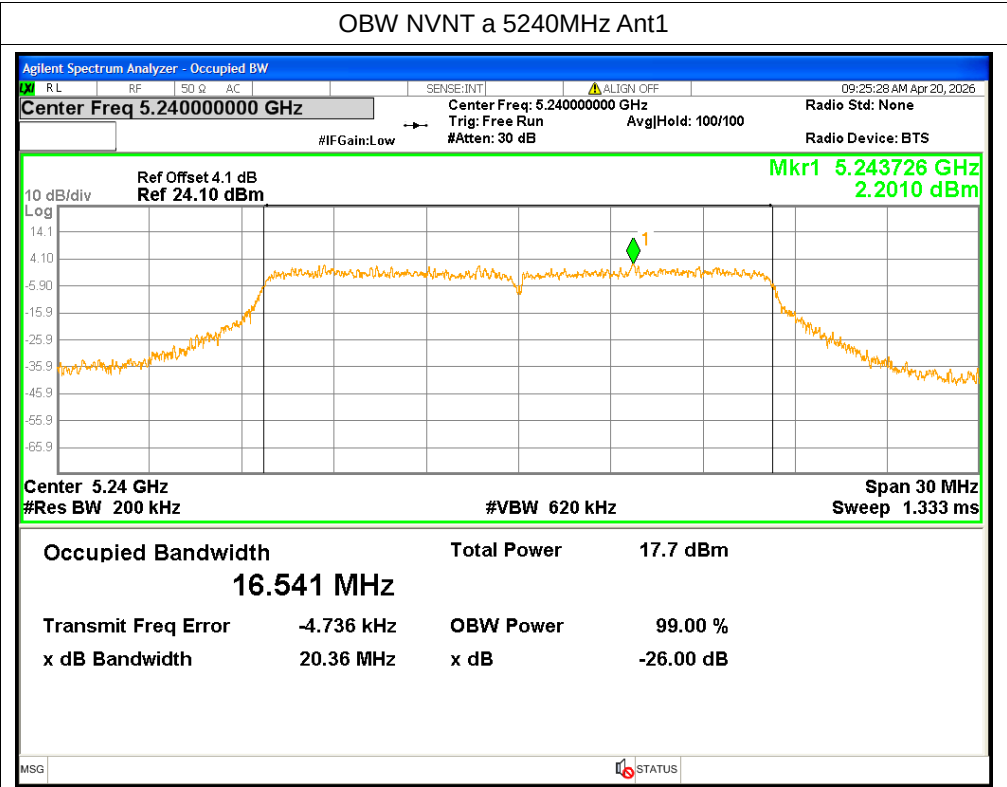
-26dB Bandwidth NVNT ac80 5210MHz Ant2

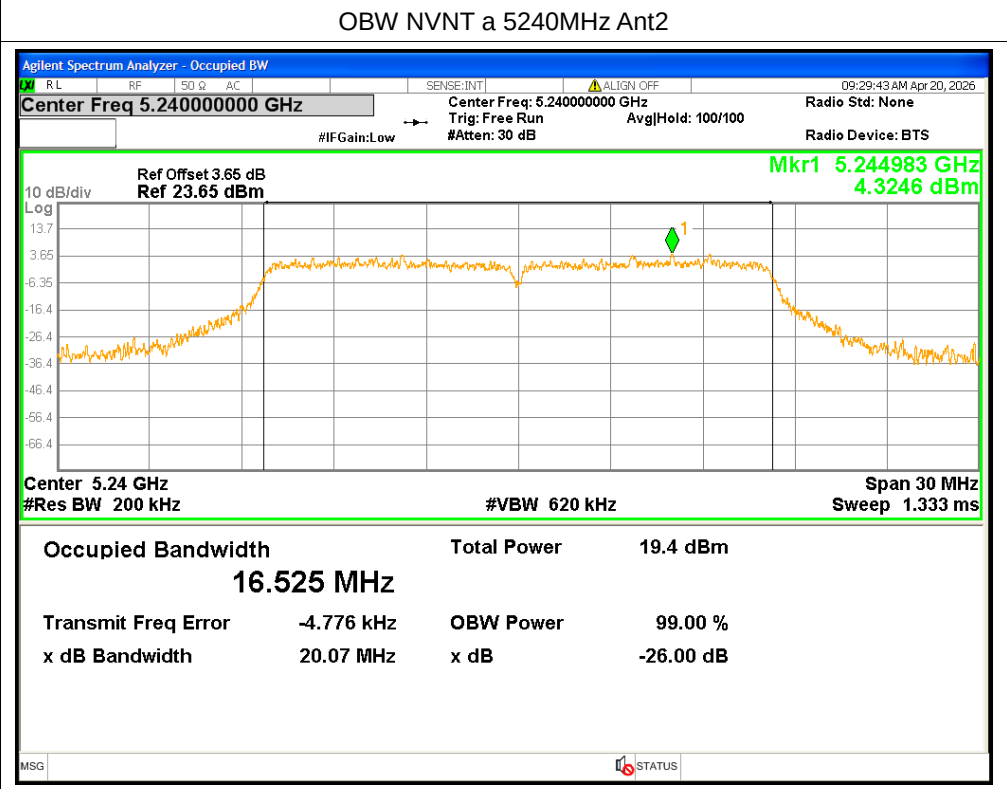
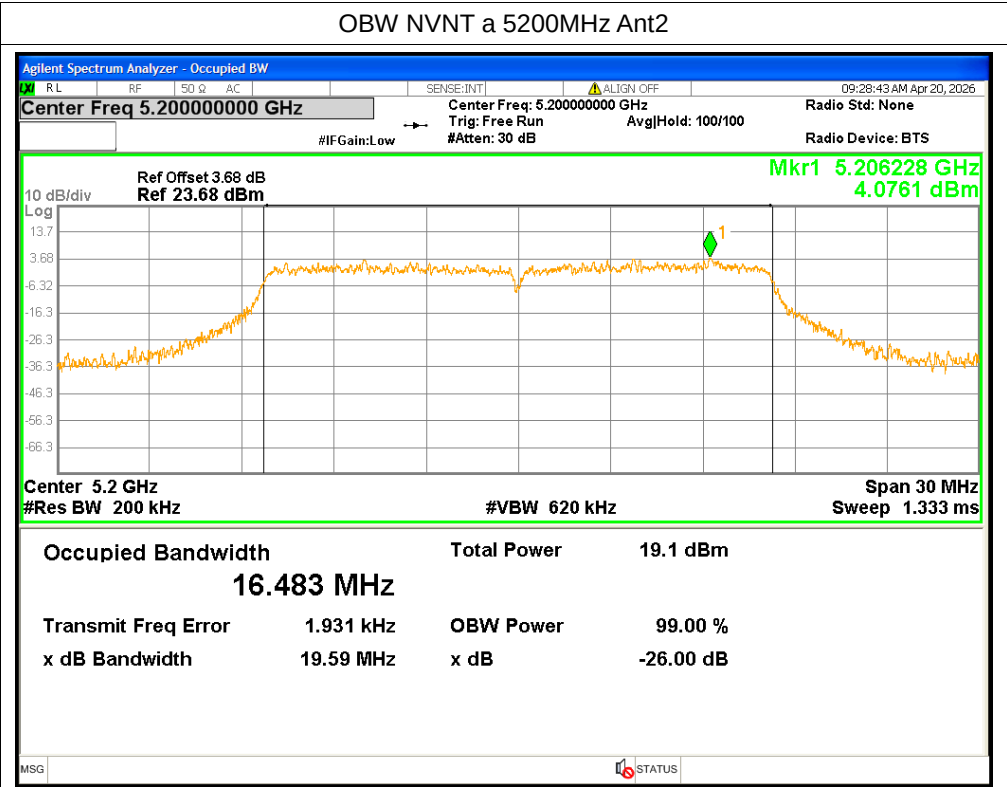


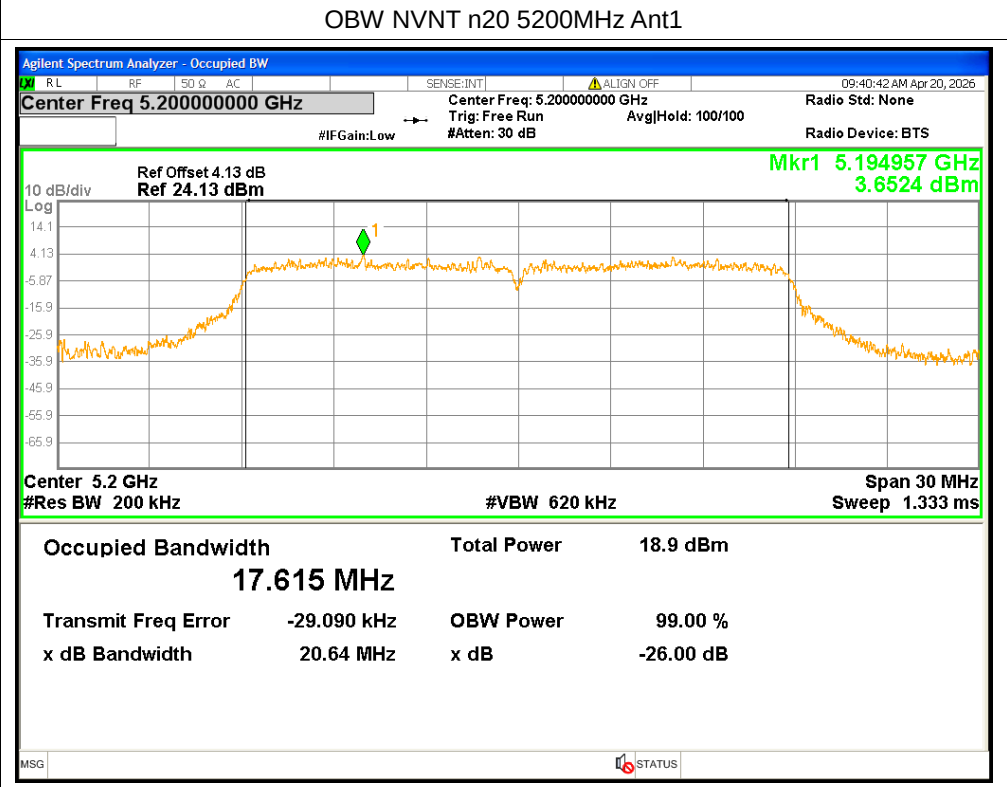
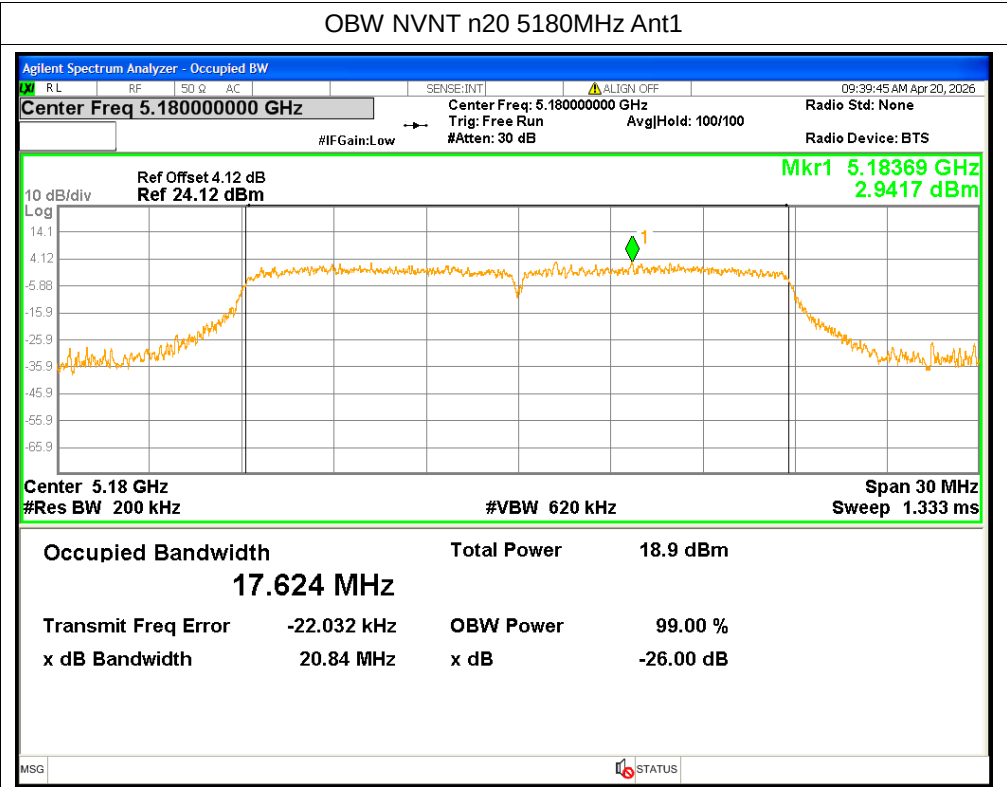
Occupied Channel Bandwidth

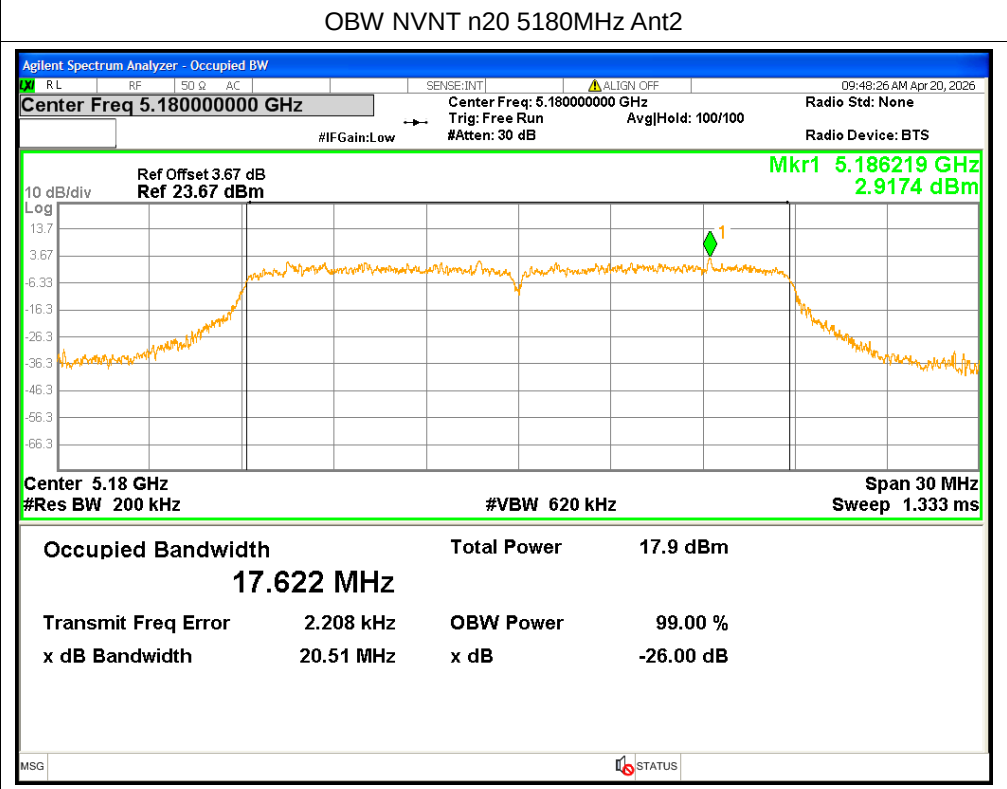
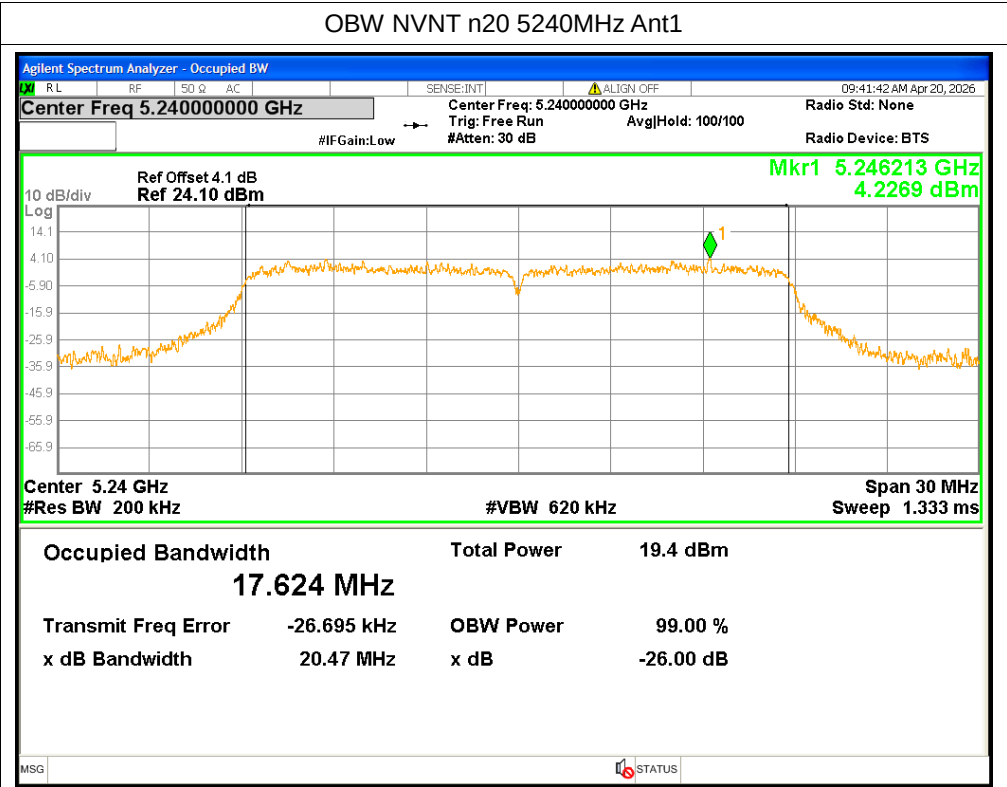
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.52
NVNT	a	5200	Ant1	16.512
NVNT	a	5240	Ant1	16.541
NVNT	a	5180	Ant2	16.497
NVNT	a	5200	Ant2	16.483
NVNT	a	5240	Ant2	16.525
NVNT	n20	5180	Ant1	17.624
NVNT	n20	5200	Ant1	17.615
NVNT	n20	5240	Ant1	17.624
NVNT	n20	5180	Ant2	17.622
NVNT	n20	5200	Ant2	17.615
NVNT	n20	5240	Ant2	17.622
NVNT	n40	5190	Ant1	36.126
NVNT	n40	5230	Ant1	36.154
NVNT	n40	5190	Ant2	36.139
NVNT	n40	5230	Ant2	36.14
NVNT	ac20	5180	Ant1	17.616
NVNT	ac20	5200	Ant1	17.64
NVNT	ac20	5240	Ant1	17.641
NVNT	ac20	5180	Ant2	17.626
NVNT	ac20	5200	Ant2	17.623
NVNT	ac20	5240	Ant2	17.634
NVNT	ac40	5190	Ant1	36.11
NVNT	ac40	5230	Ant1	36.13
NVNT	ac40	5190	Ant2	36.171
NVNT	ac40	5230	Ant2	36.176
NVNT	ac80	5210	Ant1	75.296
NVNT	ac80	5210	Ant2	75.175



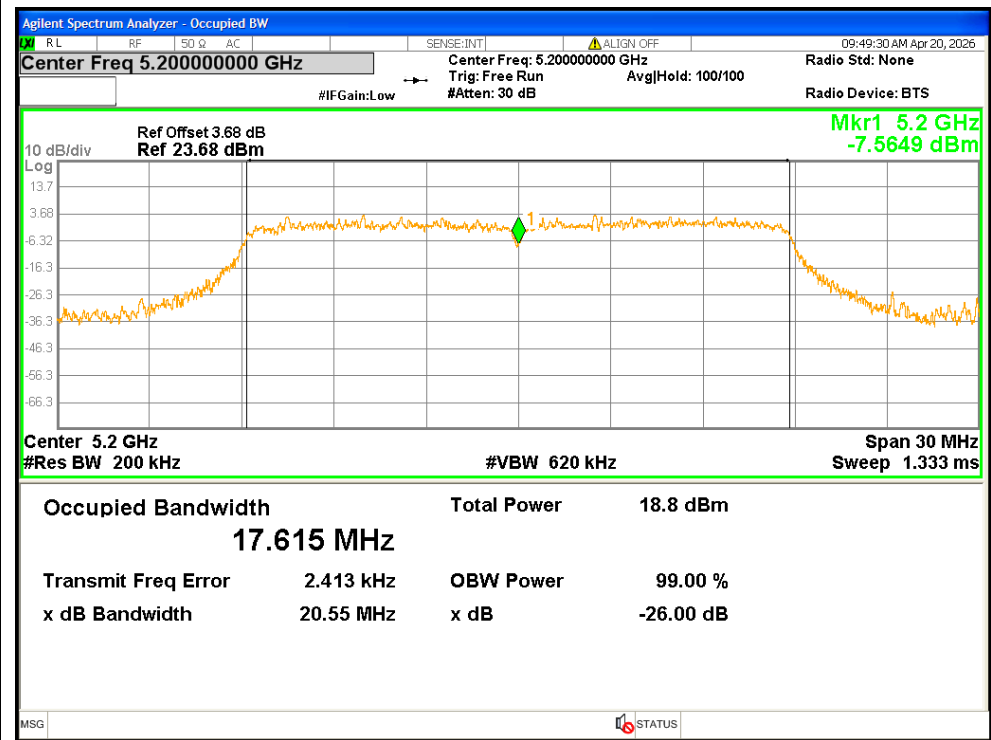




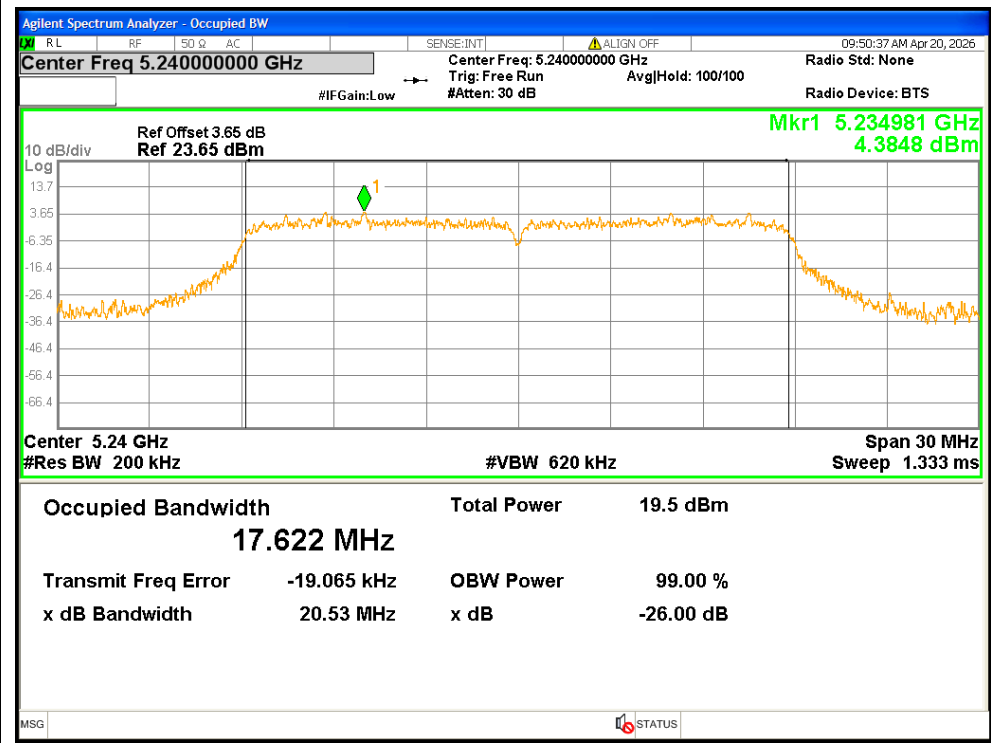


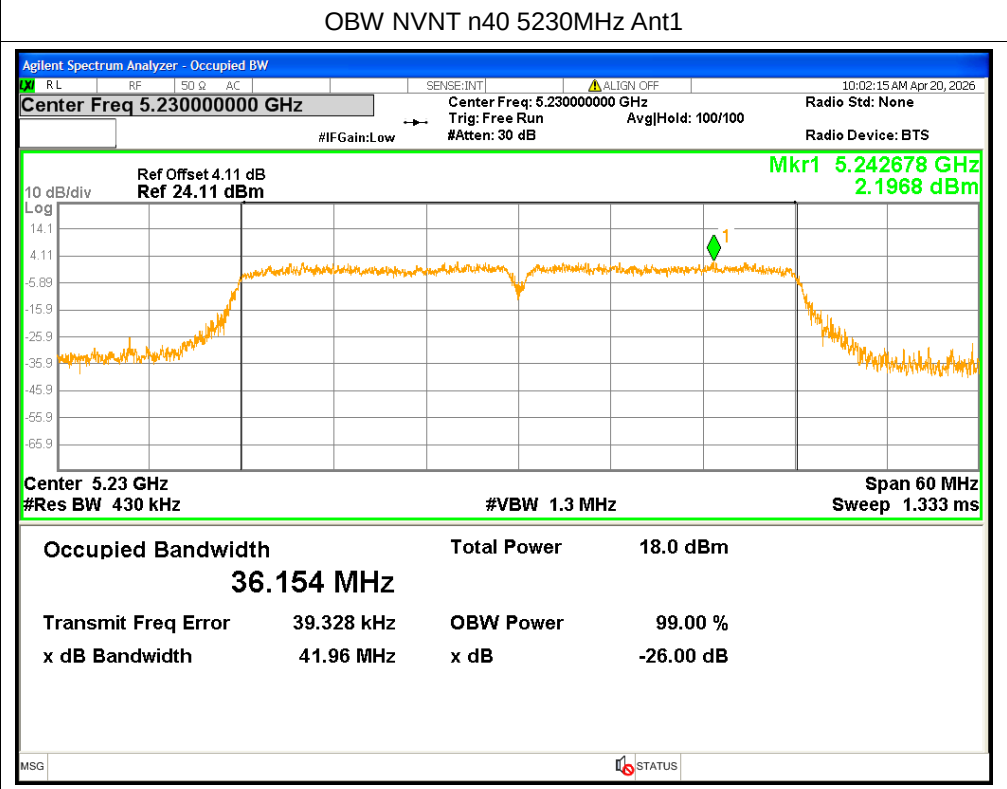
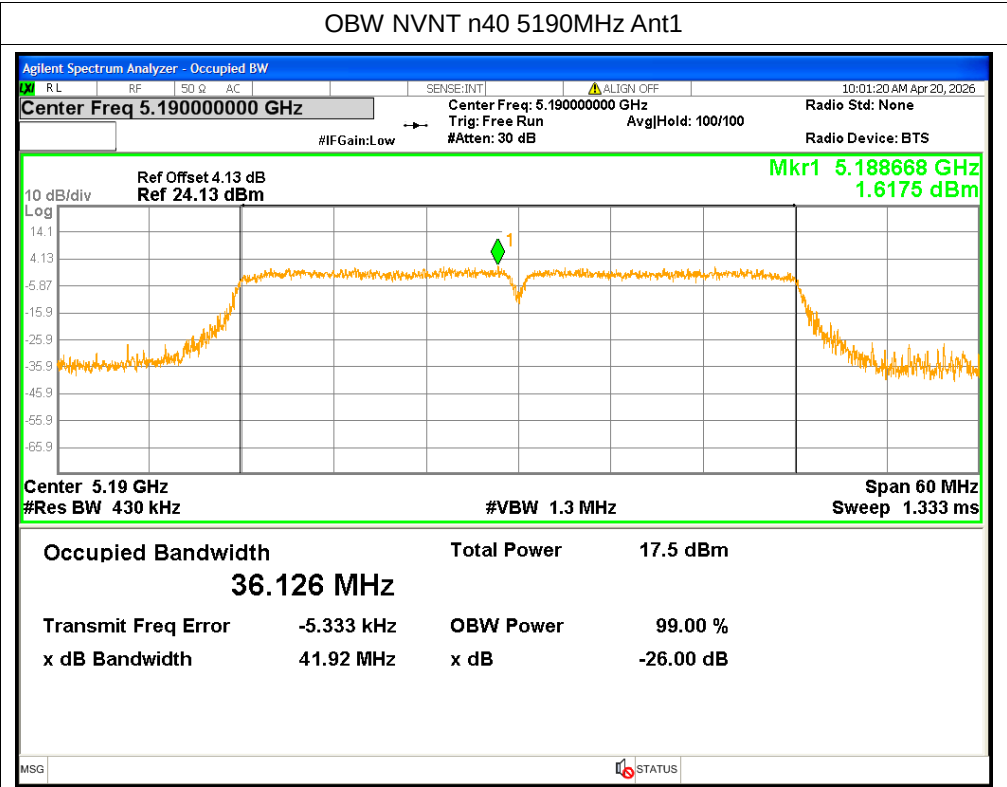


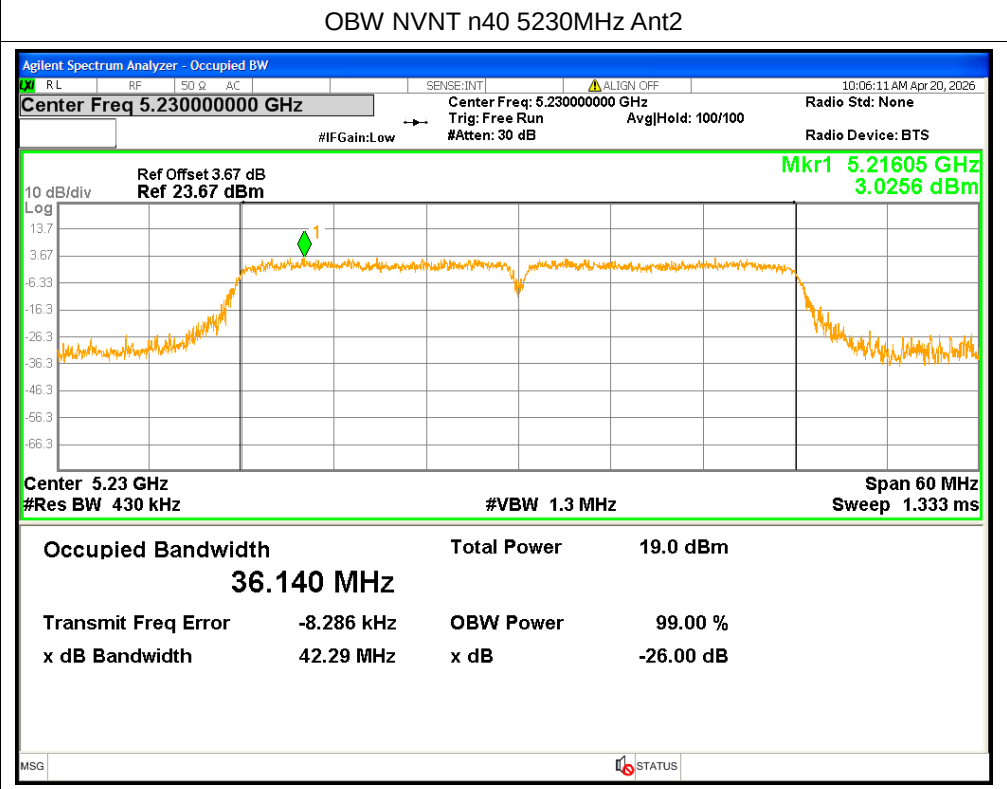
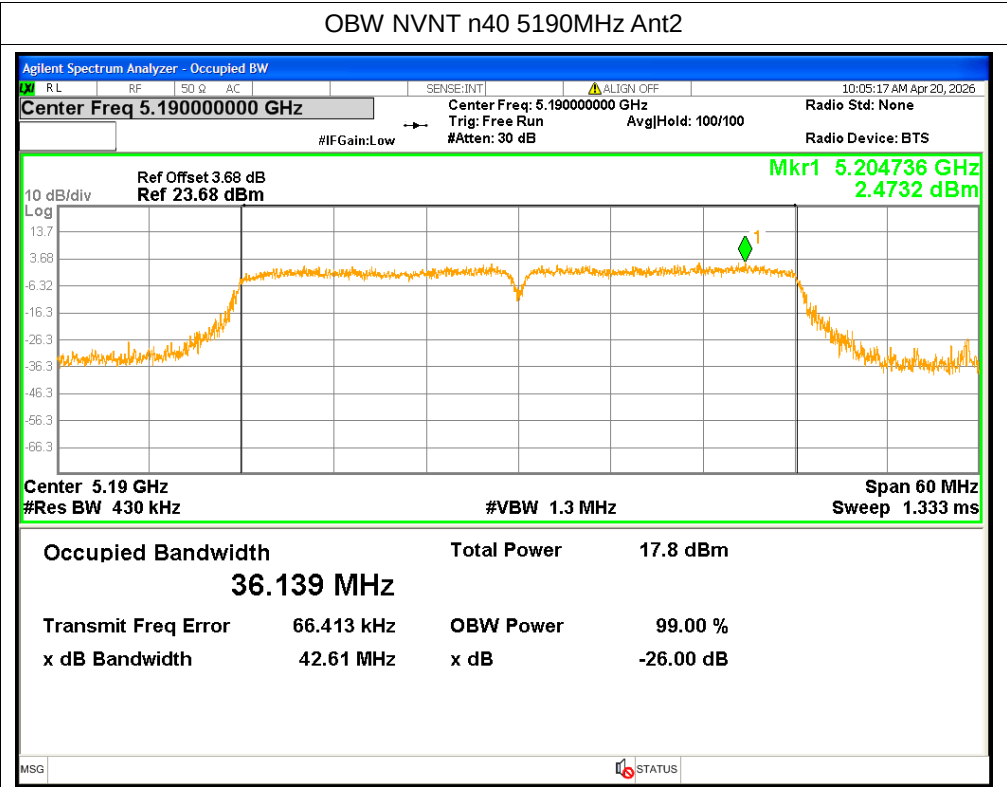
OBW NVNT n20 5200MHz Ant2



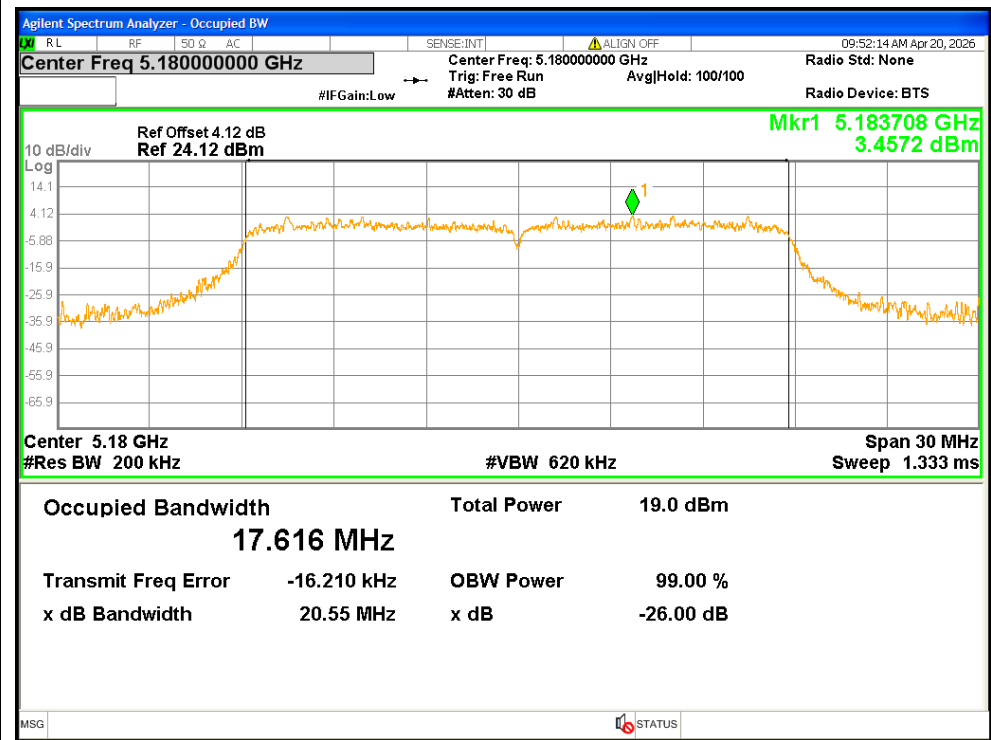
OBW NVNT n20 5240MHz Ant2



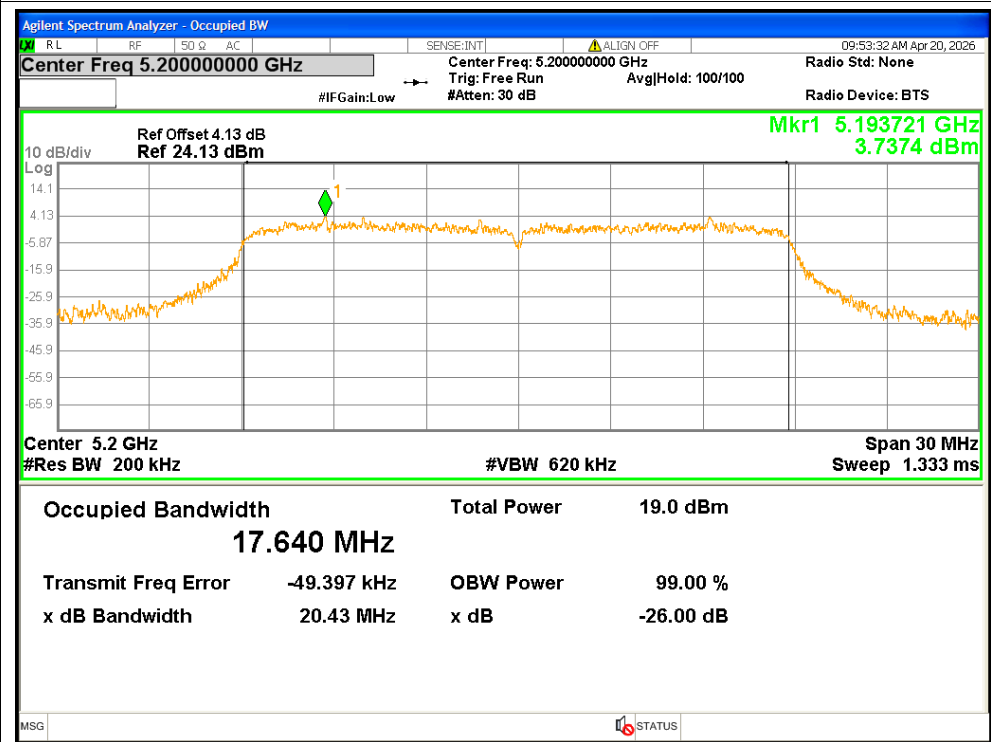




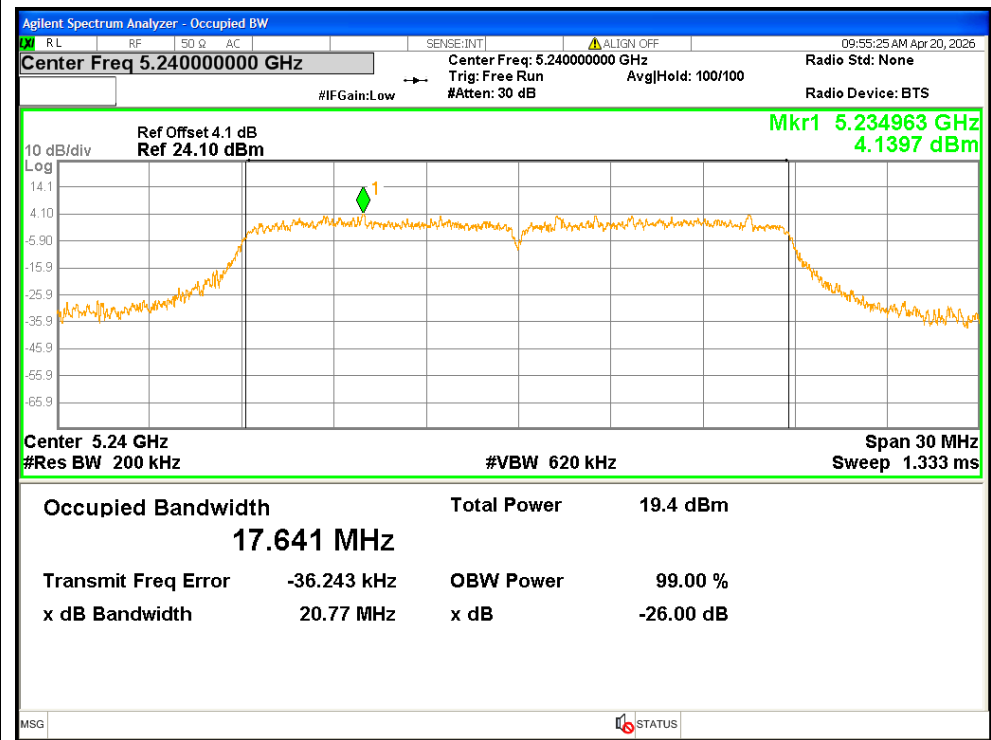
OBW NVNT ac20 5180MHz Ant1



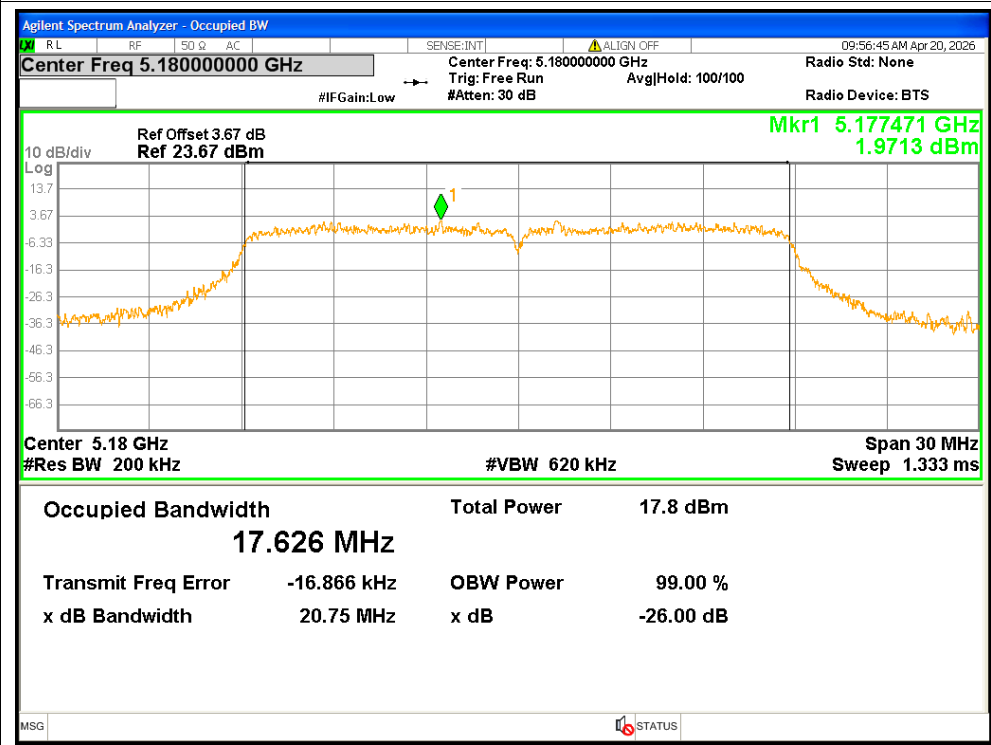
OBW NVNT ac20 5200MHz Ant1



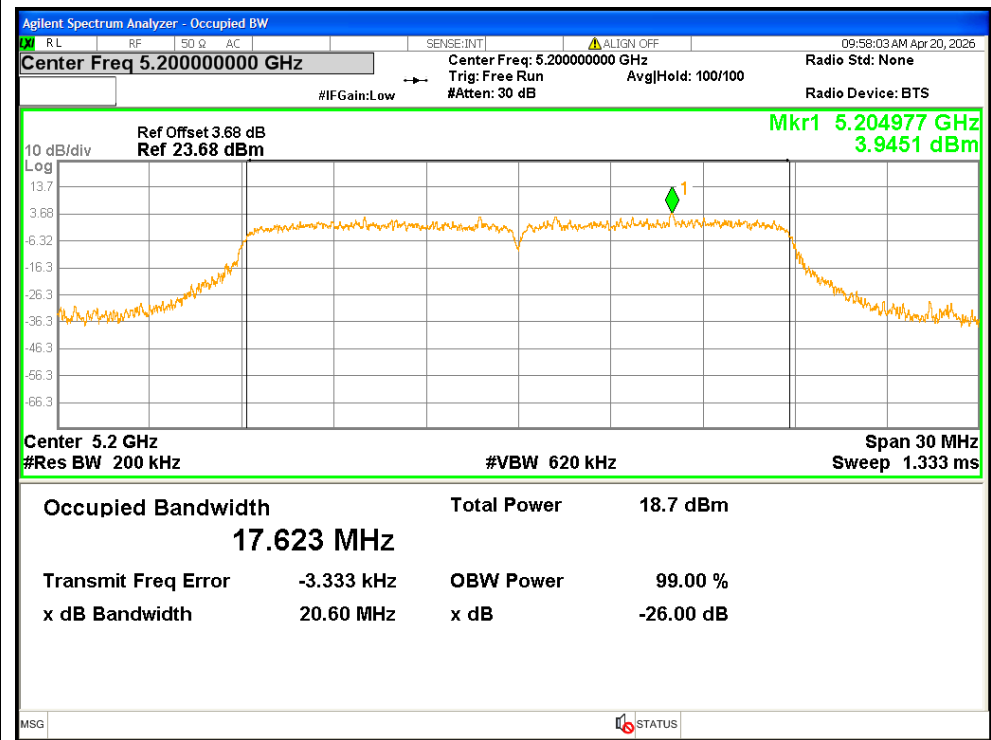
OBW NVNT ac20 5240MHz Ant1



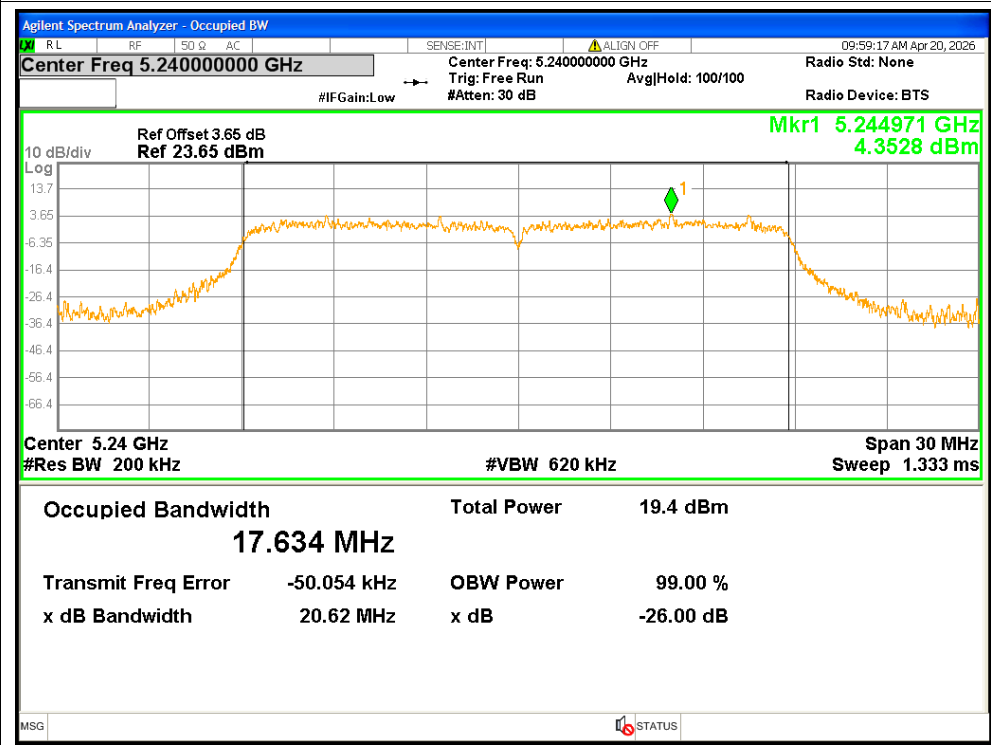
OBW NVNT ac20 5180MHz Ant2



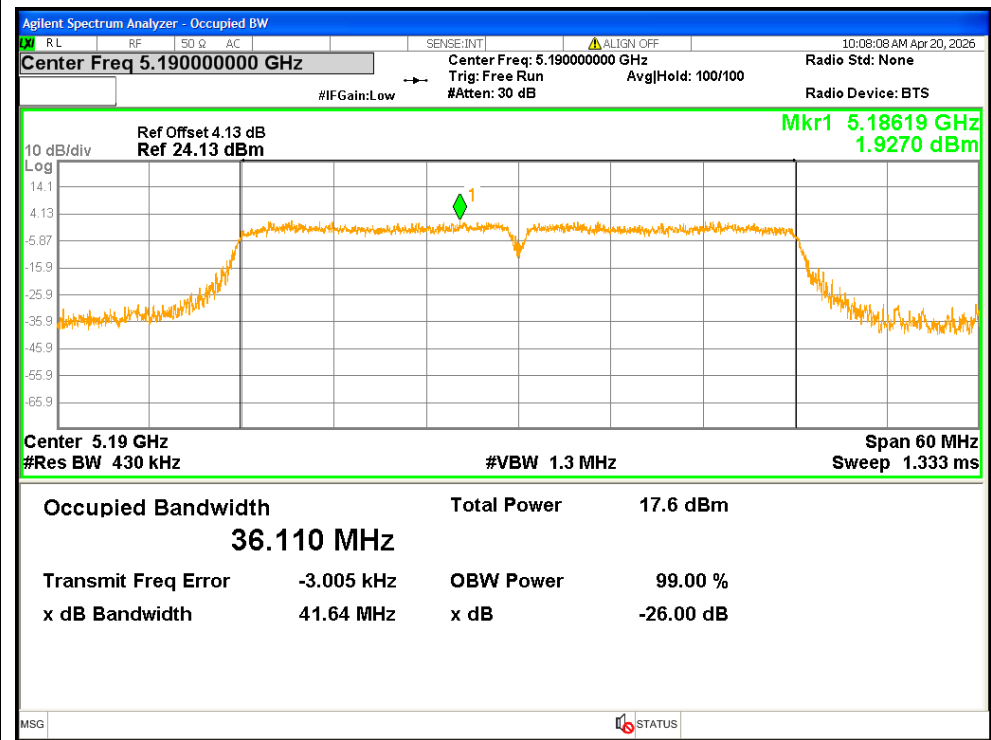
OBW NVNT ac20 5200MHz Ant2



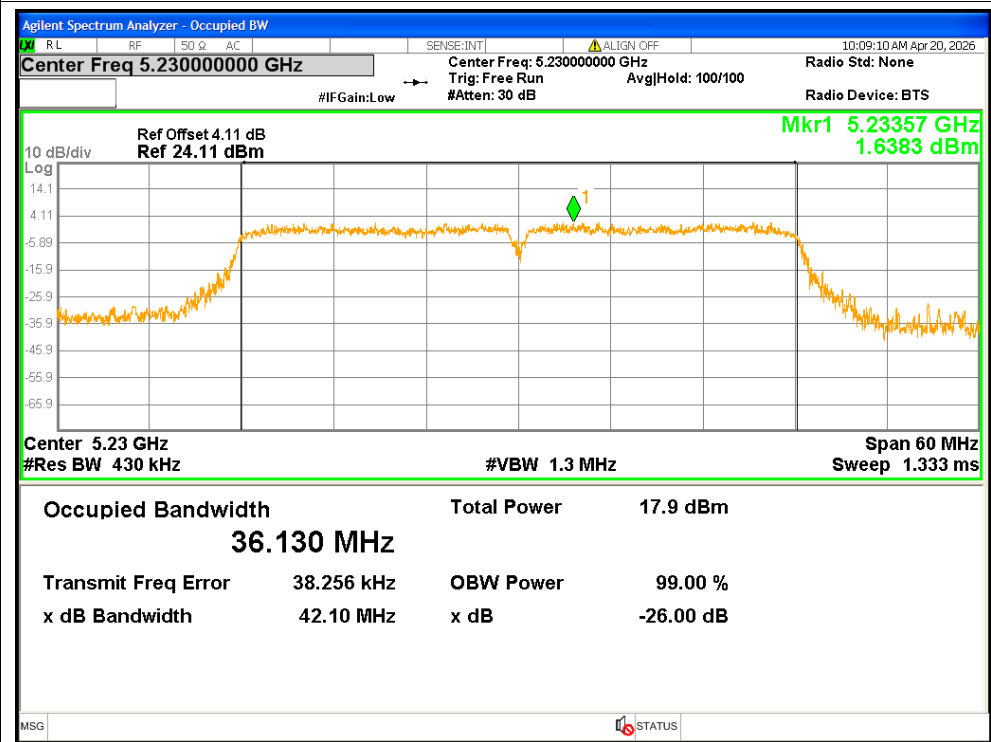
OBW NVNT ac20 5240MHz Ant2



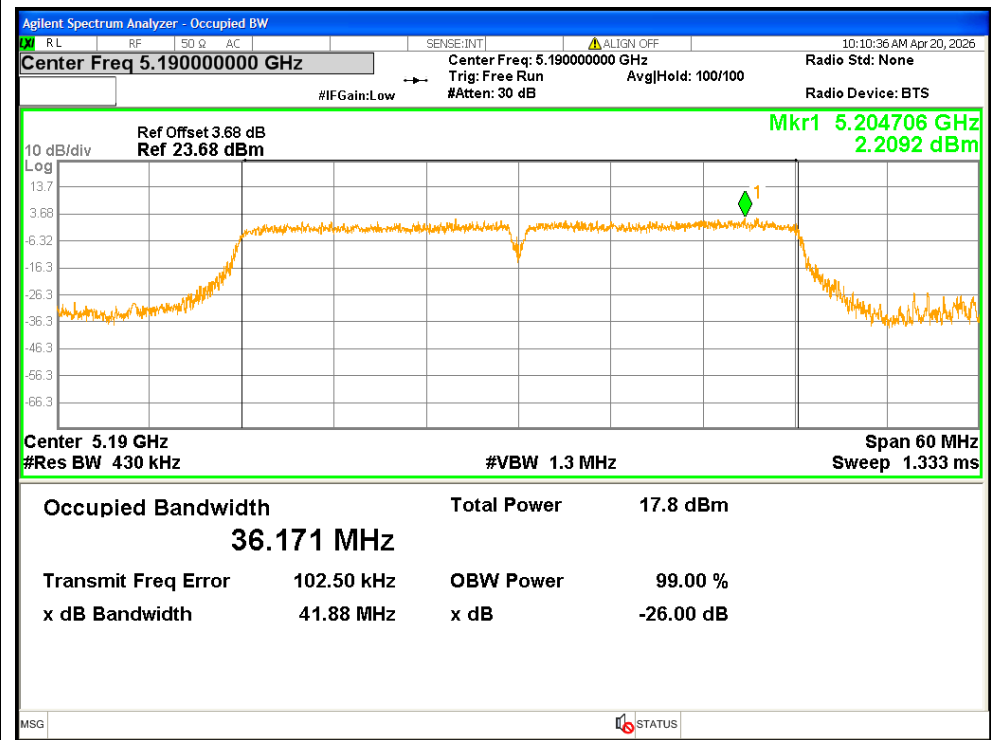
OBW NVNT ac40 5190MHz Ant1



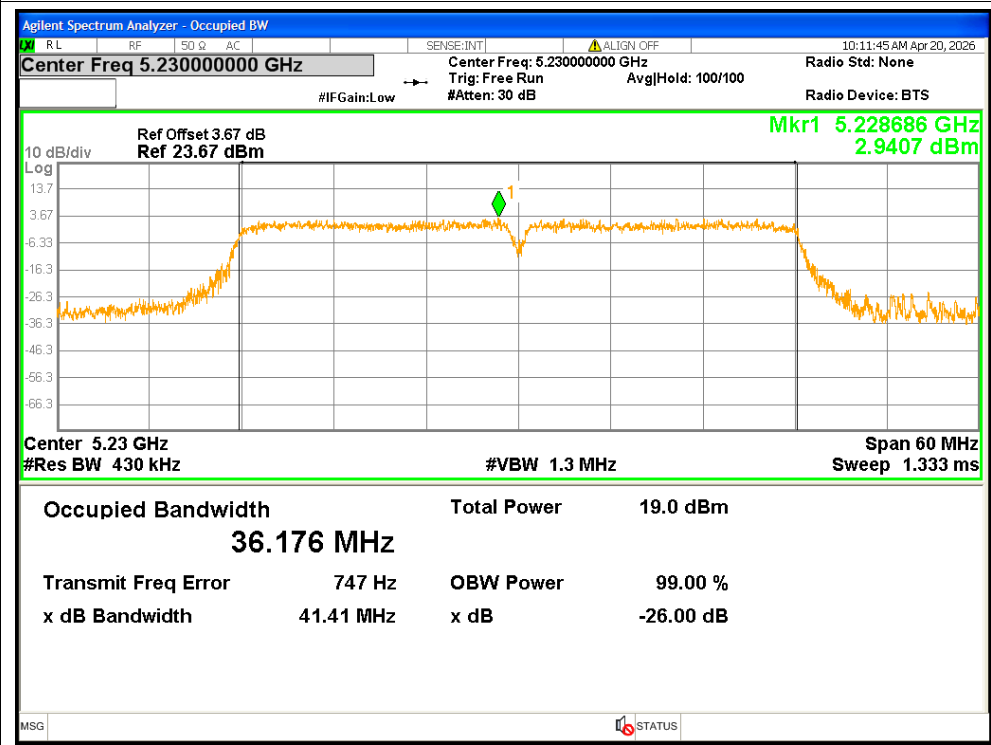
OBW NVNT ac40 5230MHz Ant1



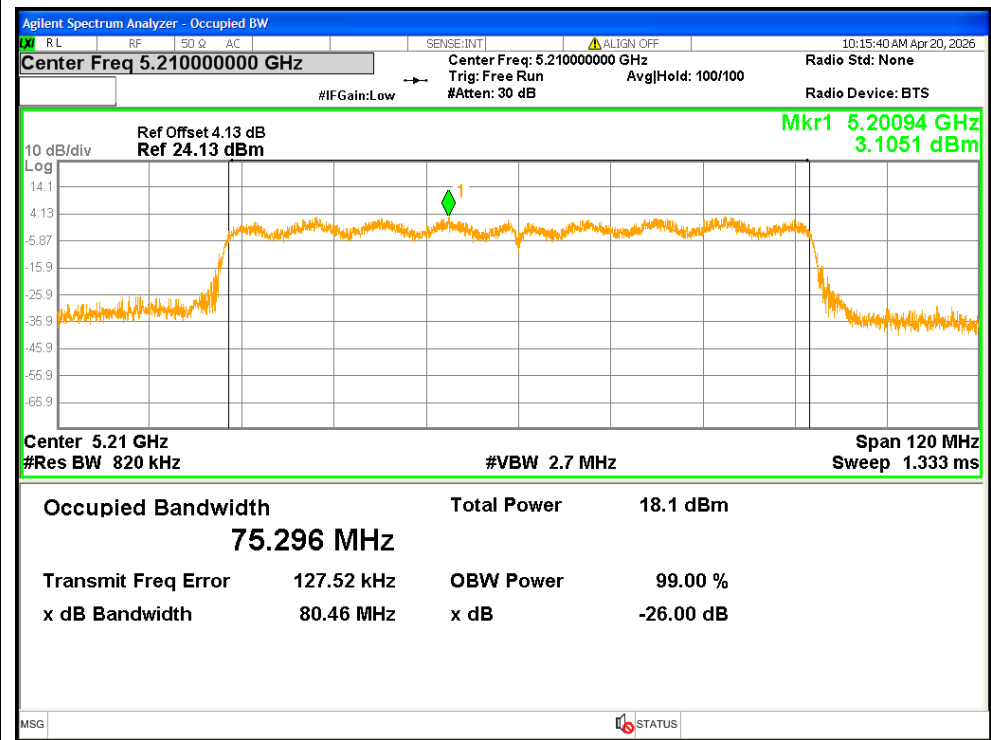
OBW NVNT ac40 5190MHz Ant2



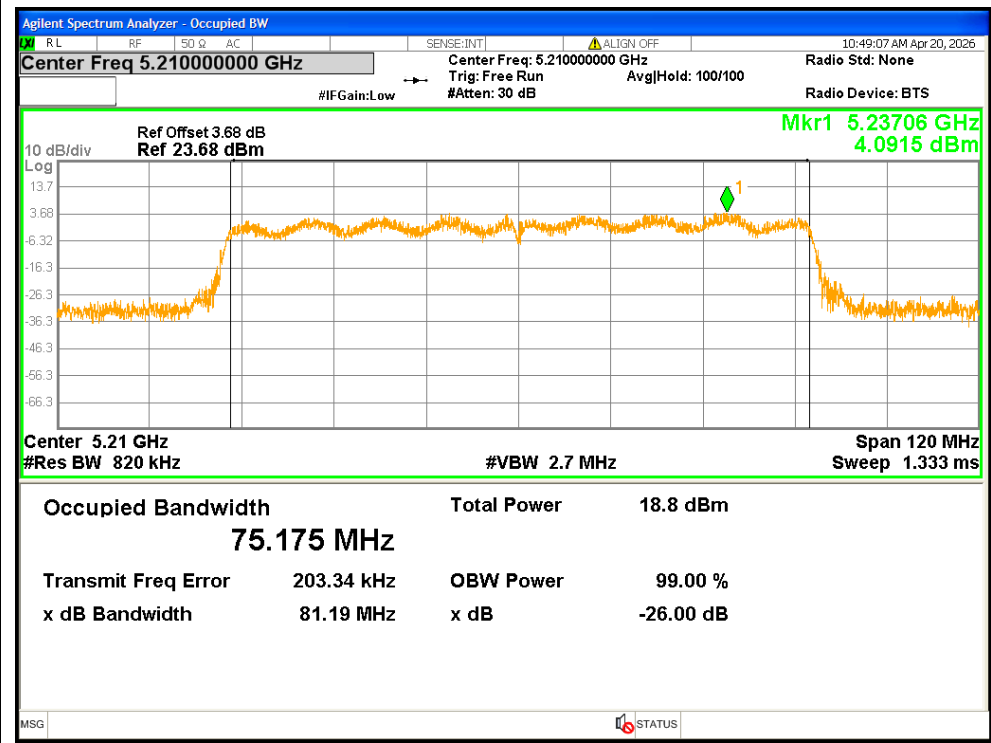
OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz Ant2

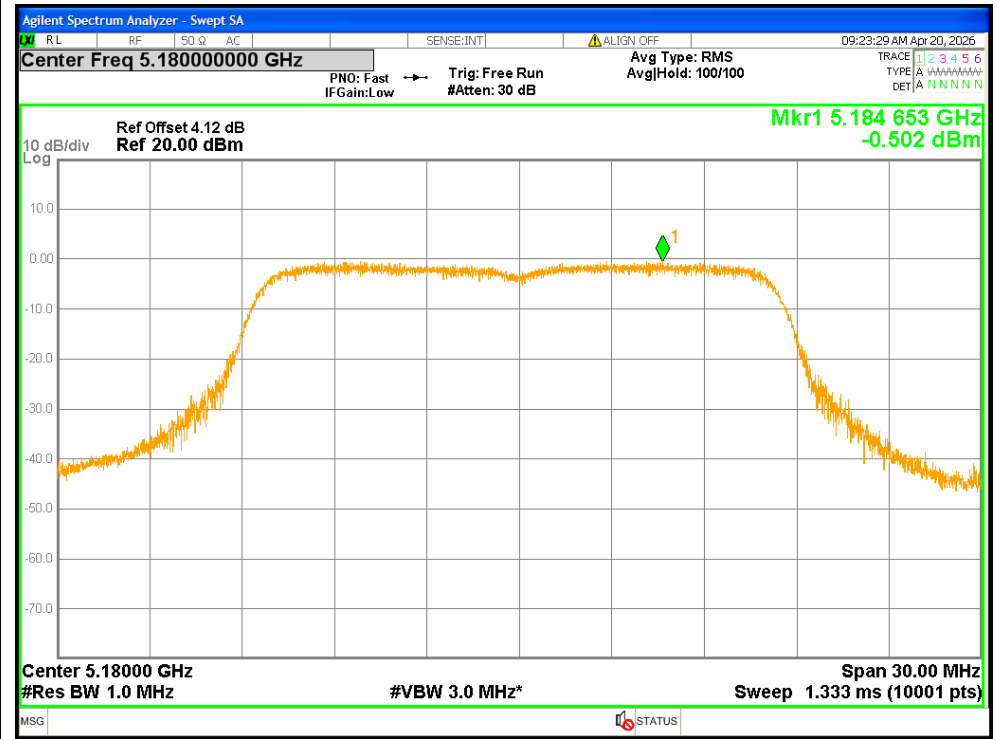


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.502	2.4	1.898	<=11	Pass
NVNT	a	5200	Ant1	-0.384	2.4	2.016	<=11	Pass
NVNT	a	5240	Ant1	0.096	2.4	2.496	<=11	Pass
NVNT	a	5180	Ant2	0.377	2.4	2.777	<=11	Pass
NVNT	a	5200	Ant2	0.968	2.4	3.368	<=11	Pass
NVNT	a	5240	Ant2	1.502	2.4	3.902	<=11	Pass
NVNT	n20	5180	Ant1	0.977	2.53	3.507	<=11	Pass
NVNT	n20	5200	Ant1	0.92	2.53	3.45	<=11	Pass
NVNT	n20	5240	Ant1	1.501	2.52	4.021	<=11	Pass
NVNT	n20	5180	Ant2	0.273	2.53	2.803	<=11	Pass
NVNT	n20	5200	Ant2	0.572	2.53	3.102	<=11	Pass
NVNT	n20	5240	Ant2	1.479	2.52	3.999	<=11	Pass
NVNT	n40	5190	Ant1	-3.46	4.12	0.66	<=11	Pass
NVNT	n40	5230	Ant1	-3.436	4.12	0.684	<=11	Pass
NVNT	n40	5190	Ant2	-3.366	4.13	0.764	<=11	Pass
NVNT	n40	5230	Ant2	-2.505	4.13	1.625	<=11	Pass
NVNT	ac20	5180	Ant1	0.623	2.51	3.133	<=11	Pass
NVNT	ac20	5200	Ant1	0.674	2.52	3.194	<=11	Pass
NVNT	ac20	5240	Ant1	1.459	2.51	3.969	<=11	Pass
NVNT	ac20	5180	Ant2	0.139	2.52	2.659	<=11	Pass
NVNT	ac20	5200	Ant2	0.743	2.52	3.263	<=11	Pass
NVNT	ac20	5240	Ant2	1.384	2.52	3.904	<=11	Pass
NVNT	ac40	5190	Ant1	-3.92	4.12	0.2	<=11	Pass
NVNT	ac40	5230	Ant1	-3.803	4.1	0.297	<=11	Pass
NVNT	ac40	5190	Ant2	-4.664	4.12	-0.544	<=11	Pass
NVNT	ac40	5230	Ant2	-2.013	4.1	2.087	<=11	Pass
NVNT	ac80	5210	Ant1	-7.761	6.19	-1.571	<=11	Pass
NVNT	ac80	5210	Ant2	-6.474	6.19	-0.284	<=11	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1

