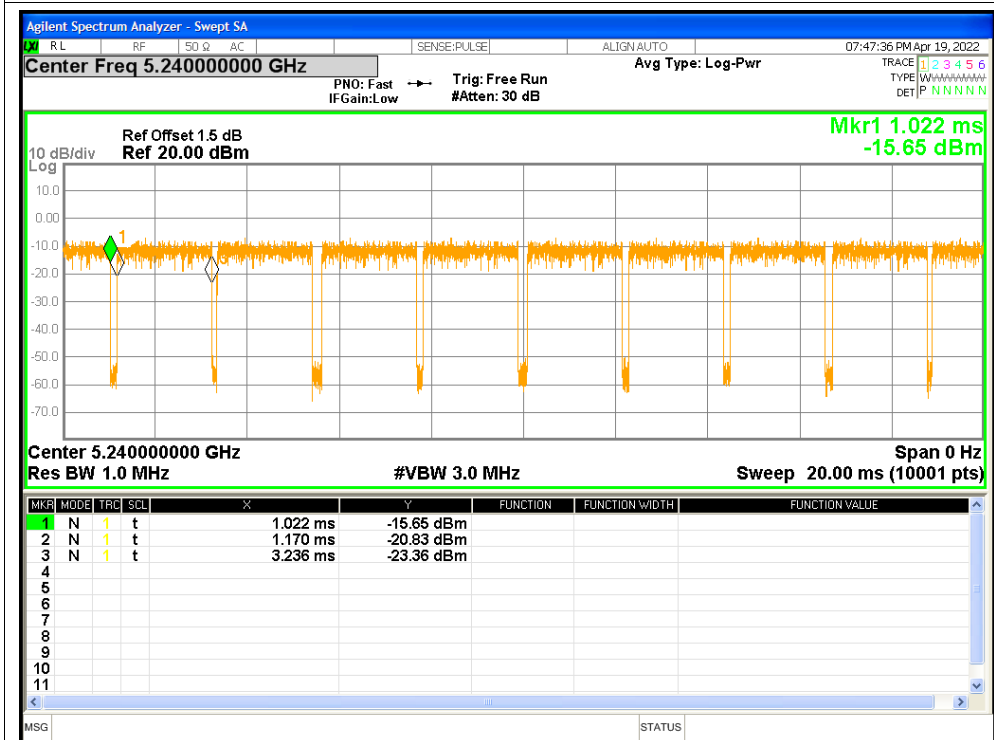


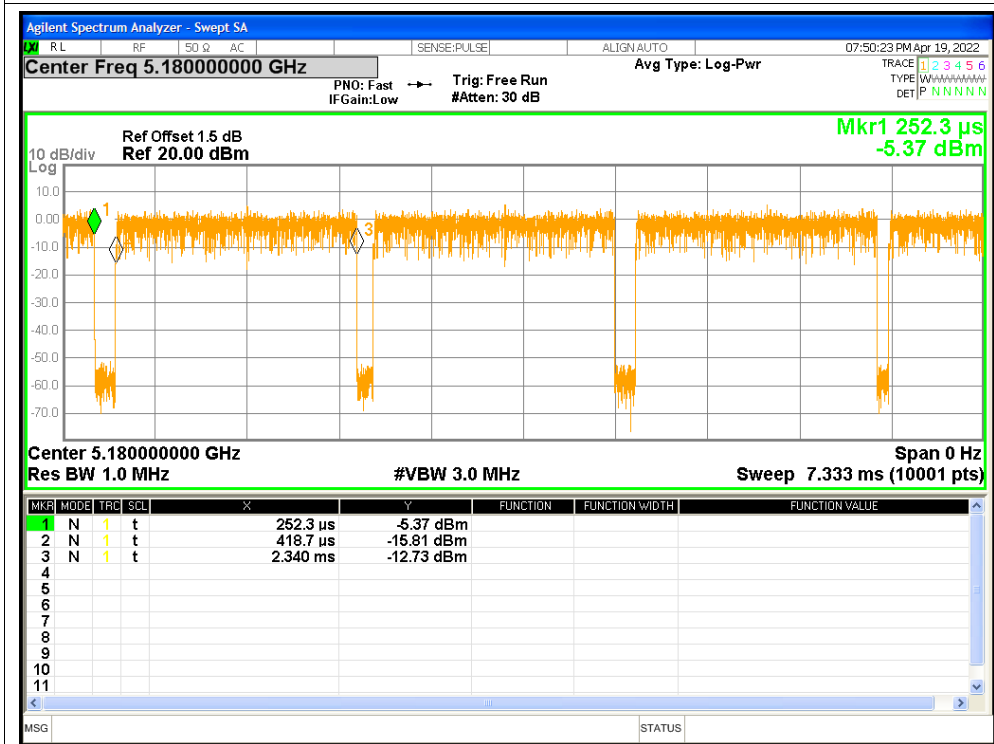
Duty Cycle

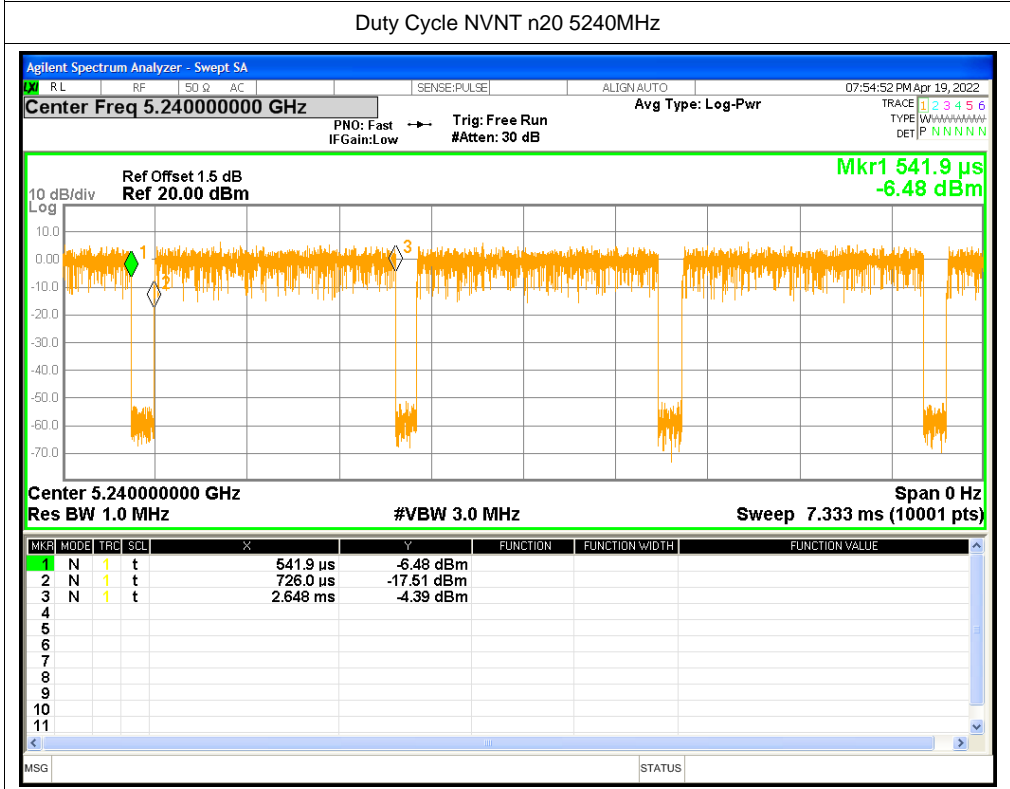
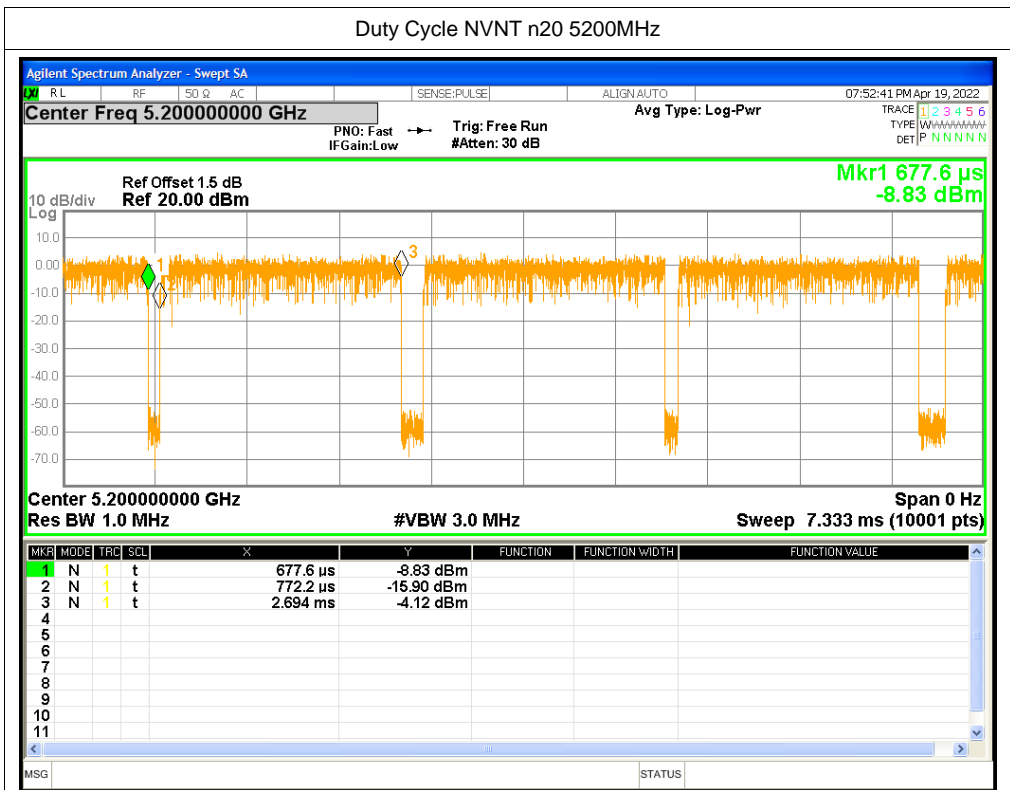
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	91.41	0.39	0.48
NVNT	a	5200	94.08	0.27	0.48
NVNT	a	5240	93.32	0.3	0.48
NVNT	n20	5180	92.03	0.36	0.52
NVNT	n20	5200	95.31	0.21	0.52
NVNT	n20	5240	91.26	0.4	0.52
NVNT	n40	5190	85.07	0.7	1.06
NVNT	n40	5230	85.07	0.7	1.06
NVNT	ac20	5180	92.2	0.35	0.52
NVNT	ac20	5200	92.62	0.33	0.52
NVNT	ac20	5240	93.81	0.28	0.52
NVNT	ac40	5190	81.57	0.88	1.05
NVNT	ac40	5230	82.67	0.83	1.05
NVNT	ac80	5210	75.32	1.23	2.16

Duty Cycle NVNT a 5240MHz

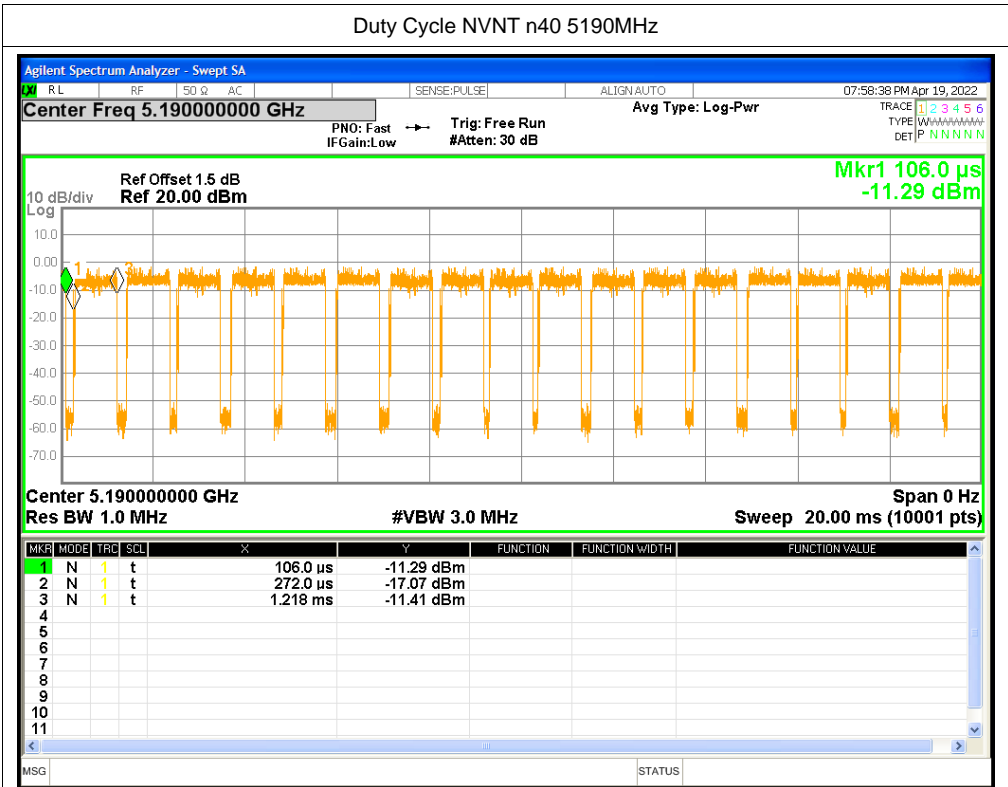


Duty Cycle NVNT n20 5180MHz

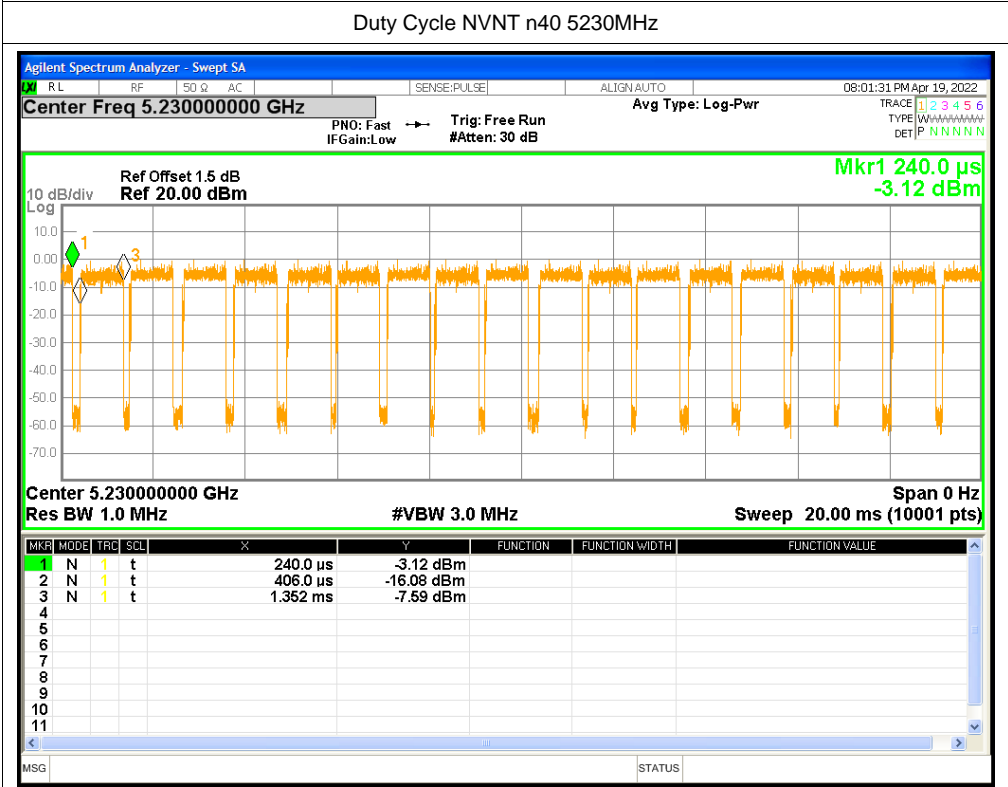




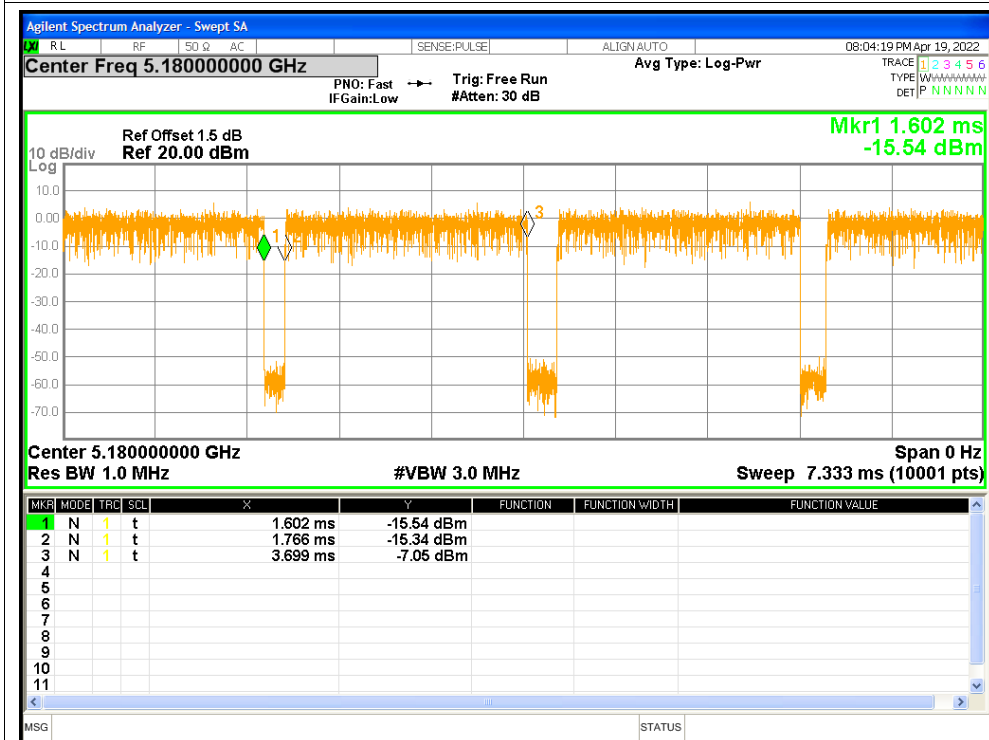
Duty Cycle NVNT n40 5190MHz



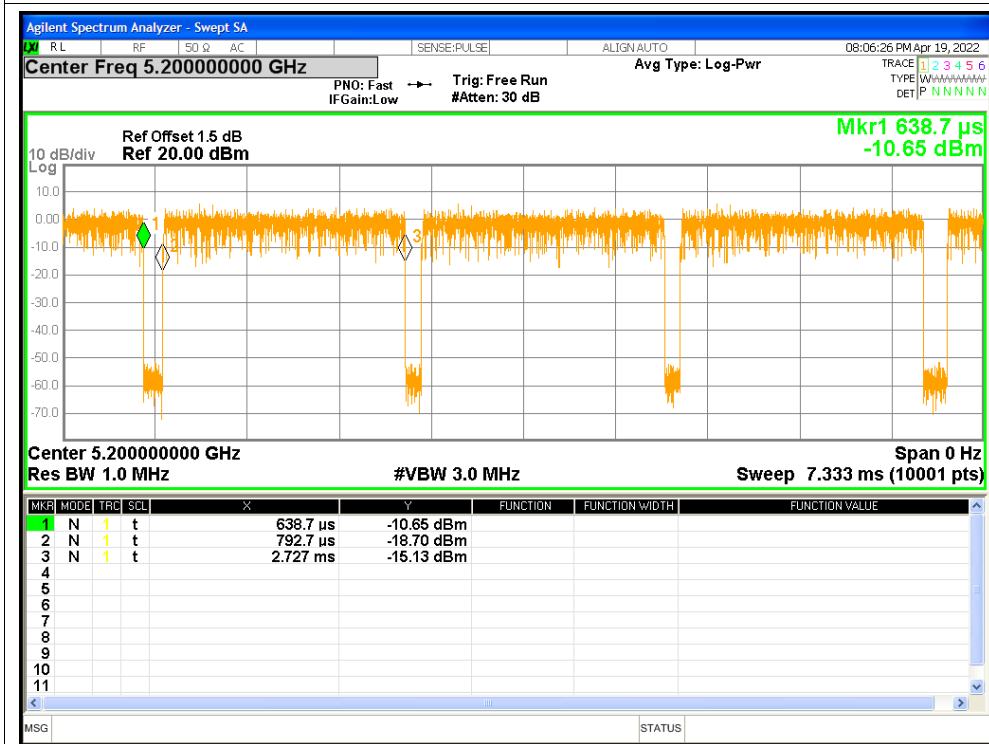
Duty Cycle NVNT n40 5230MHz



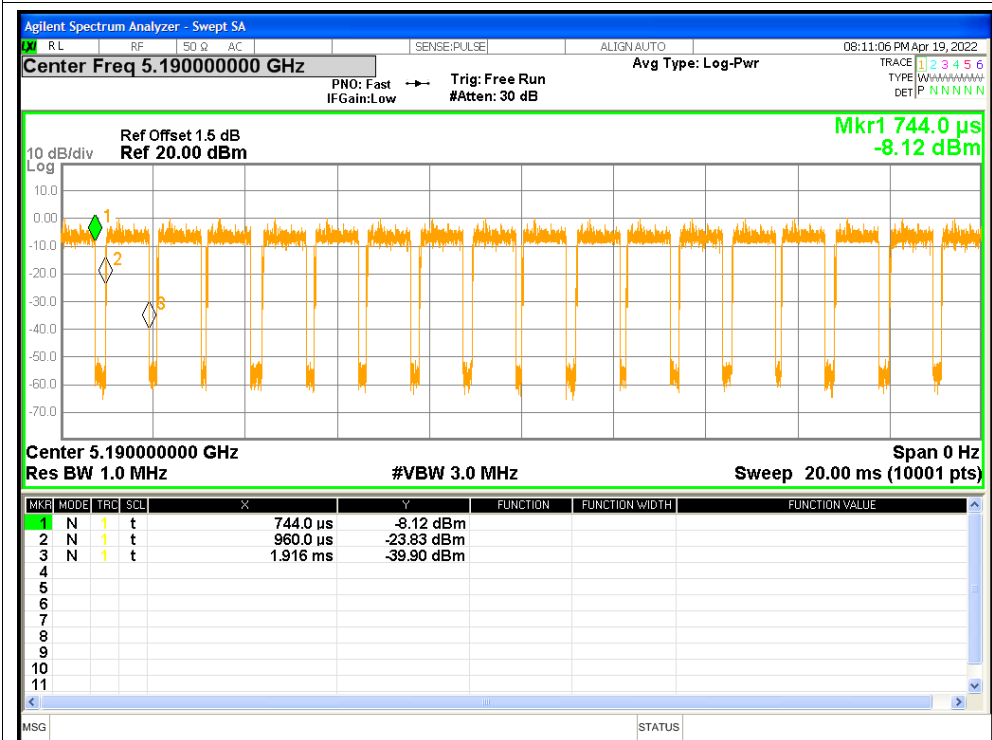
Duty Cycle NVNT ac20 5180MHz



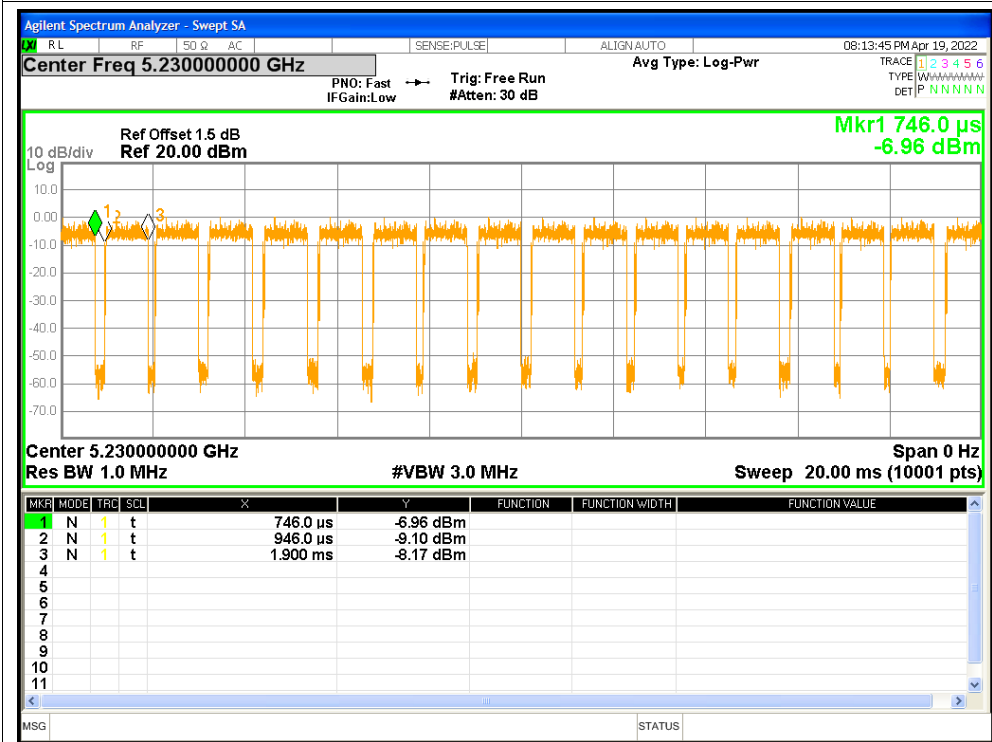
Duty Cycle NVNT ac20 5200MHz



Duty Cycle NVNT ac40 5190MHz



Duty Cycle NVNT ac40 5230MHz



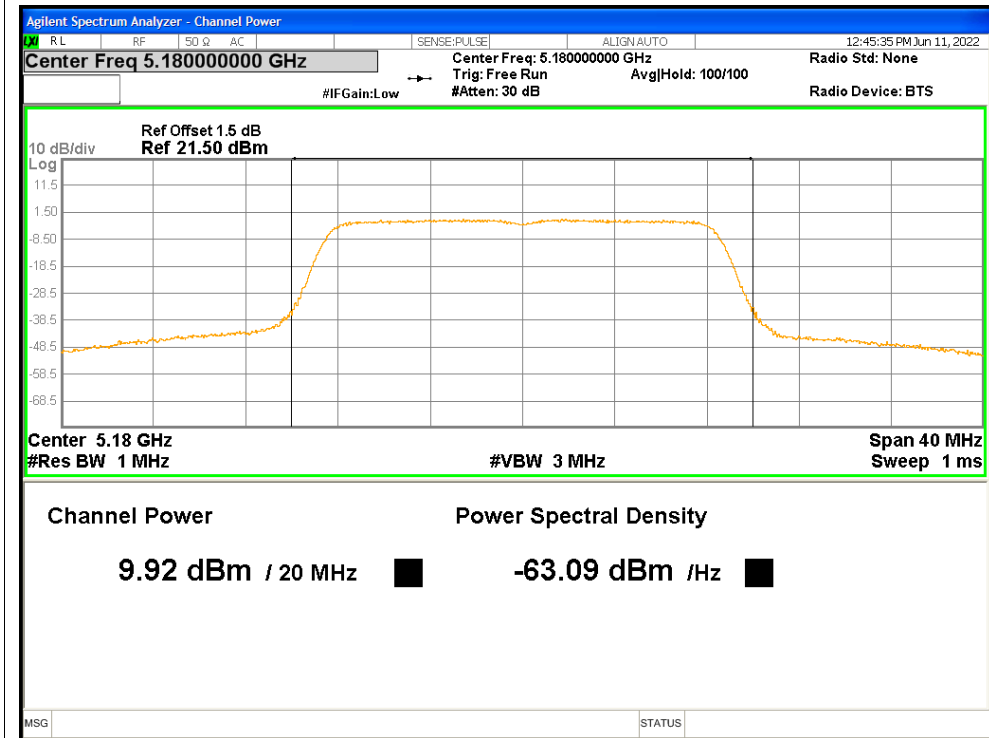
Maximum Average Conducted Output Power

Test Channel	Frequency (MHz)	Direct measurement Ant_A AV Power (dBm)	Direct measurement Ant B_AV Power (dBm)	Duty cycle factor (dB)	Final Ant_A AV Power (dBm)	Final Ant_B AV Power (dBm)	AV Power Total (dBm)	LIMIT (dBm)
802.11a								
36	5180	9.92	6.44	0.390	10.31	6.83	--	23.98
40	5200	10.40	9.83	0.270	10.67	10.10	--	23.98
48	5240	10.99	10.91	0.300	11.29	11.21	--	23.98
802.11n(HT20)								
36	5180	8.85	8.56	0.360	9.21	8.92	12.08	23.98
40	5200	9.32	9.08	0.210	9.53	9.29	12.42	23.98
48	5240	10.41	10.09	0.400	10.81	10.49	13.66	23.98
802.11n(HT40)								
38	5190	8.68	8.11	0.700	9.38	8.81	12.11	23.98
46	5230	9.62	9.17	0.700	10.32	9.87	13.11	23.98
802.11ac(VHT20)								
36	5180	8.75	8.47	0.350	9.10	8.82	11.97	23.98
40	5200	9.26	8.96	0.330	9.59	9.29	12.45	23.98
48	5240	10.38	10.06	0.280	10.66	10.34	13.51	23.98
802.11ac(VHT40)								
38	5190	8.54	8.02	0.880	9.42	8.90	12.18	23.98
46	5230	9.53	9.20	0.830	10.36	10.03	13.21	23.98
802.11ac(VHT80)								
42	5210	8.13	7.88	1.230	9.36	9.11	12.25	23.98

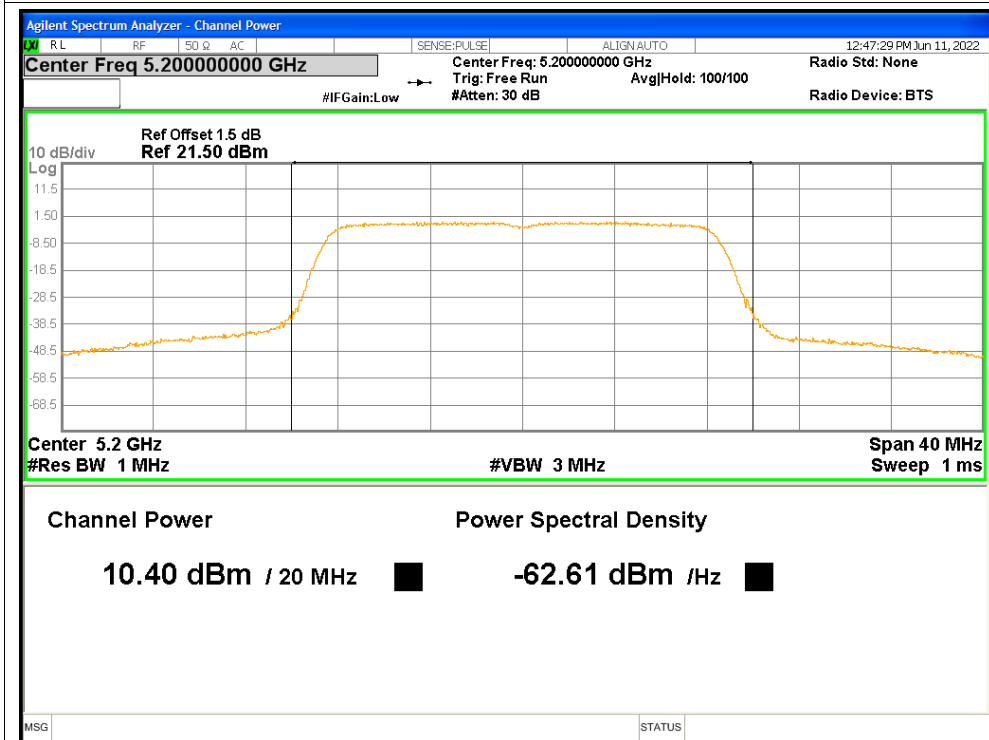
ANT A

Test Graphs

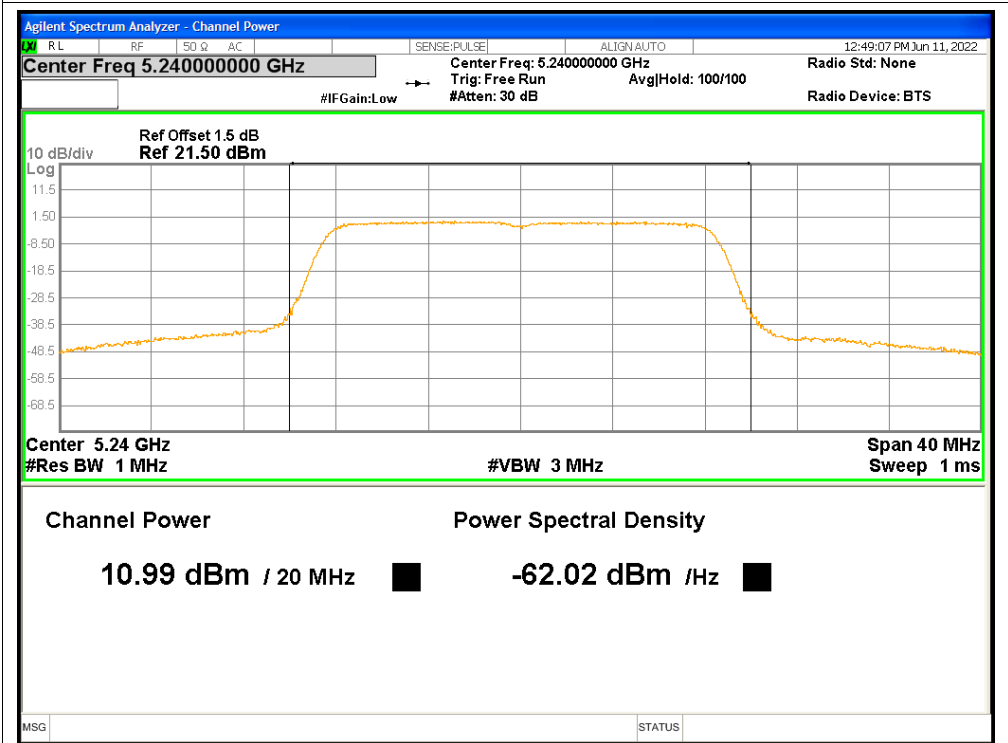
Average Power NVNT a 5180MHz



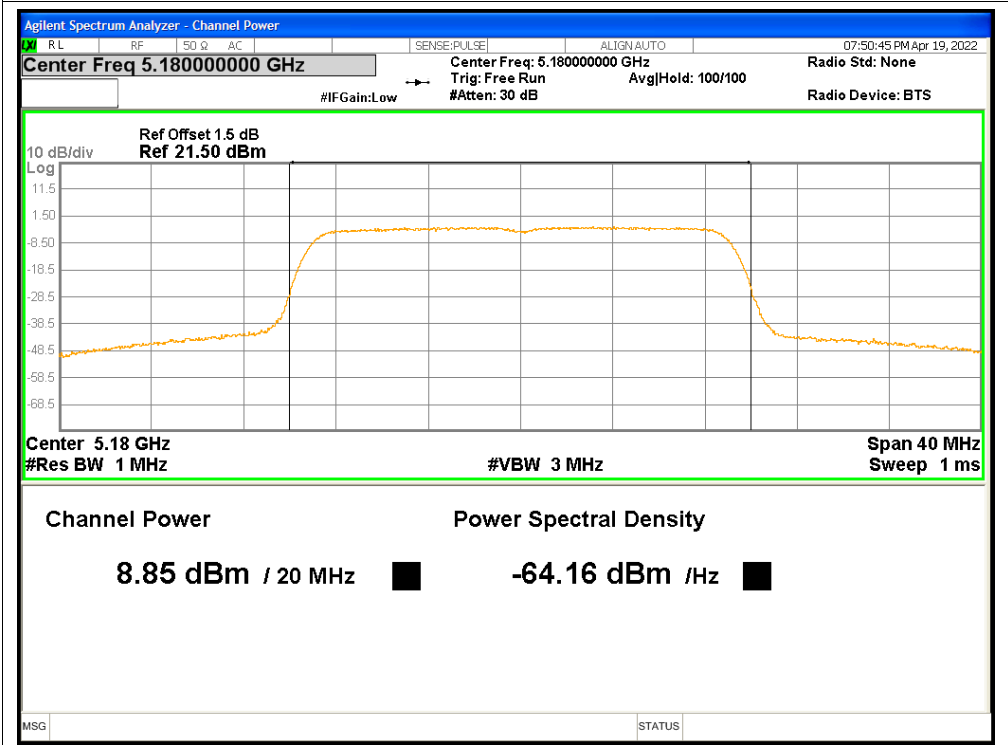
Average Power NVNT a 5200MHz

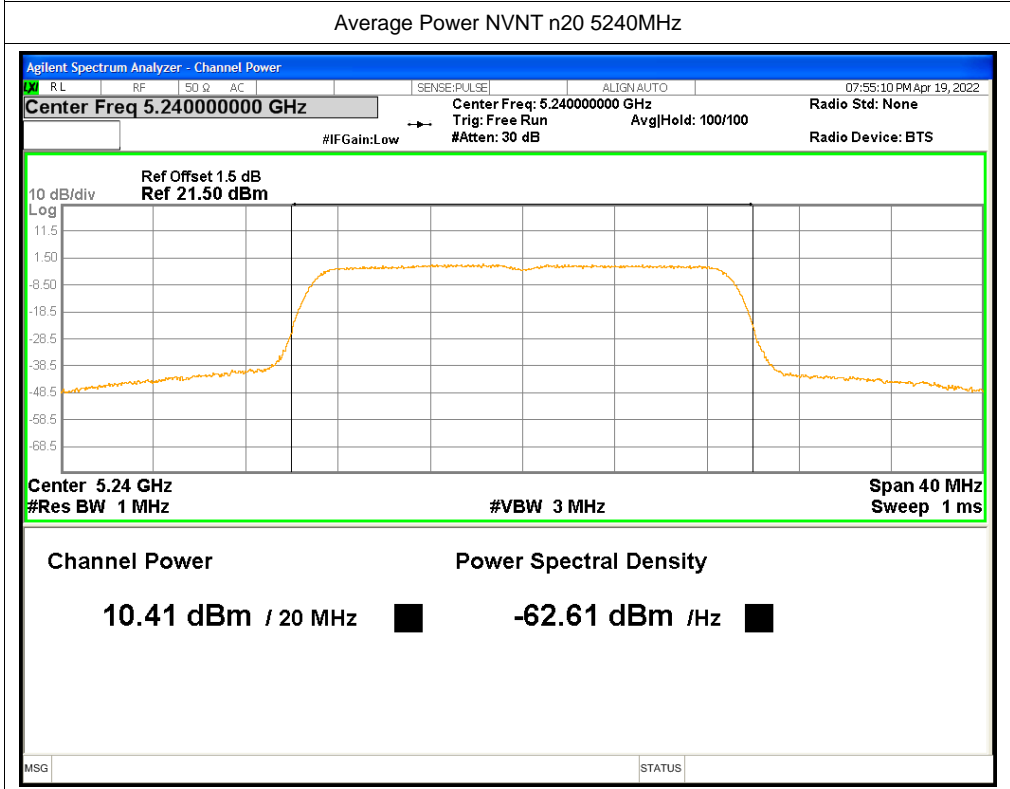
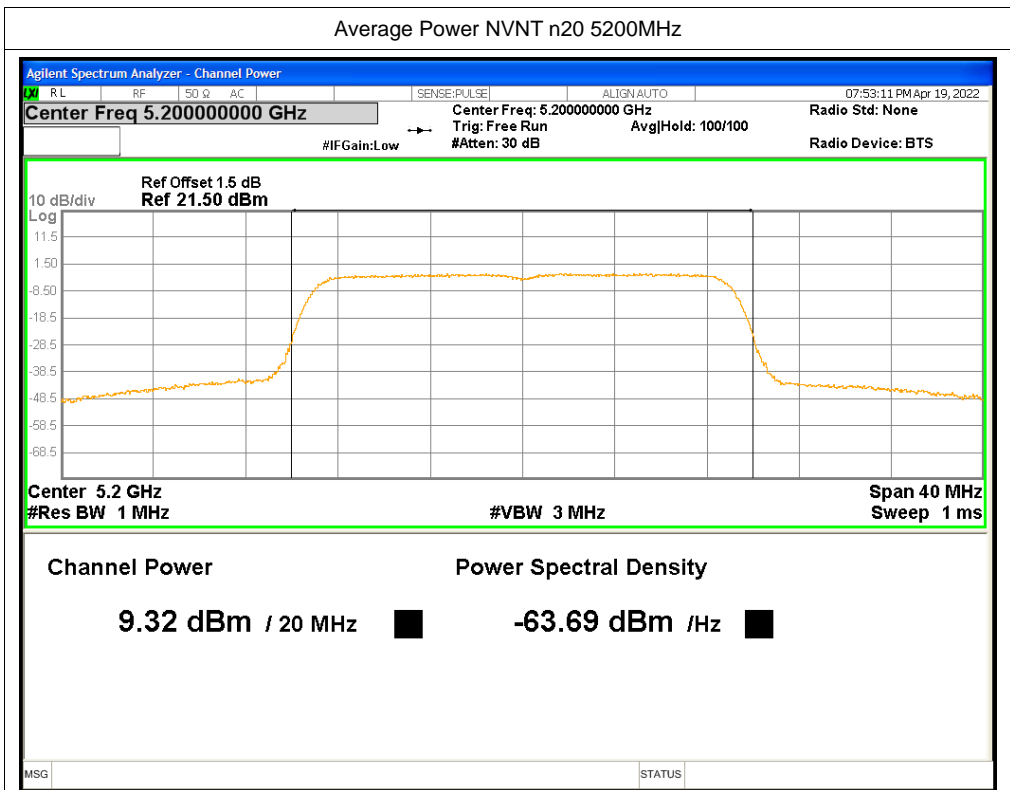


Average Power NVNT a 5240MHz

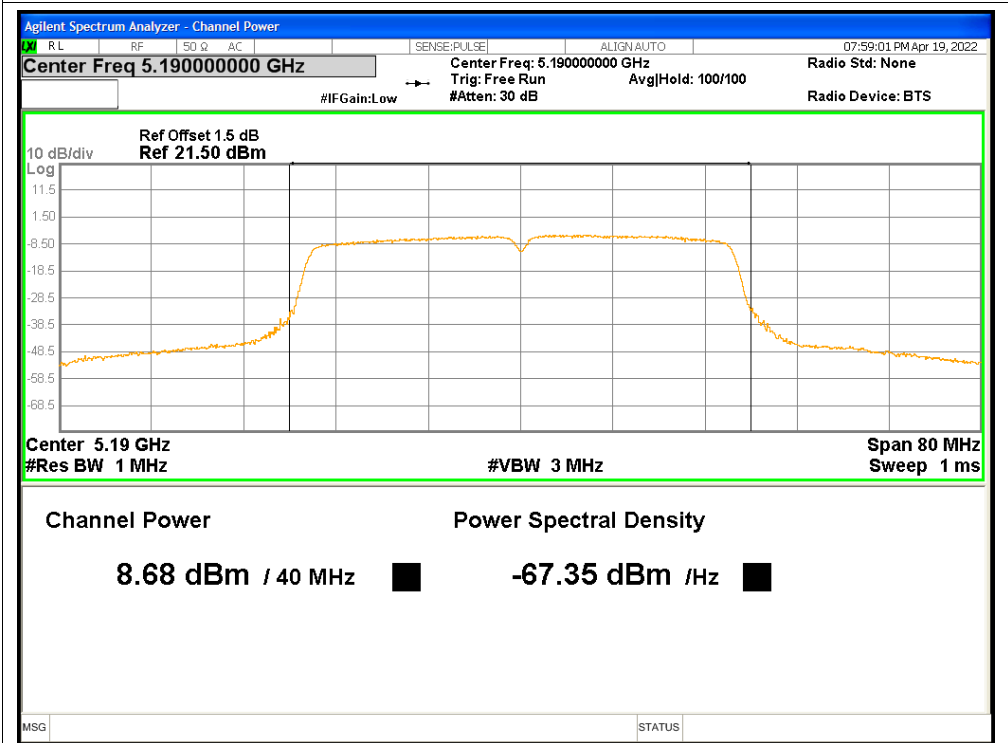


Average Power NVNT n20 5180MHz

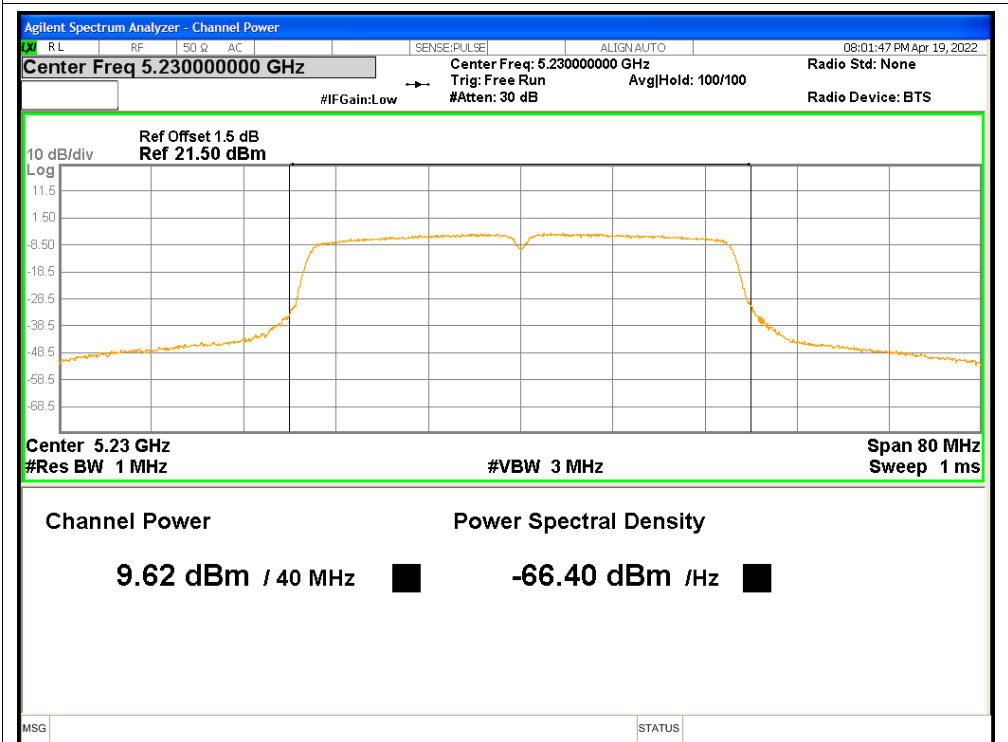




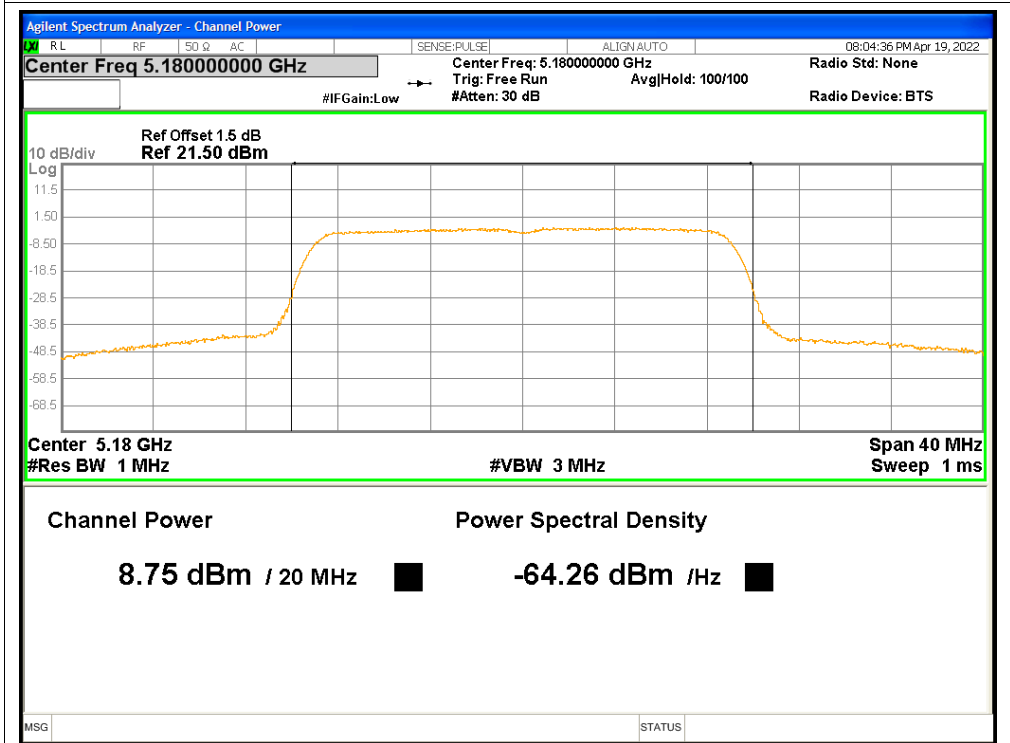
Average Power NVNT n40 5190MHz



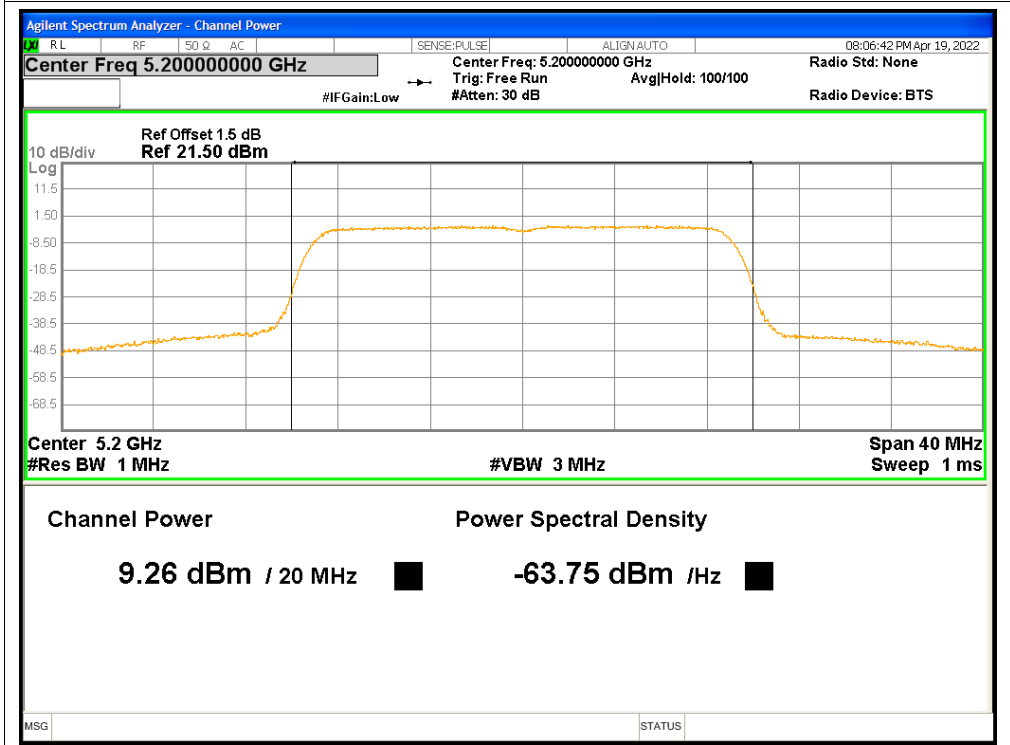
Average Power NVNT n40 5230MHz



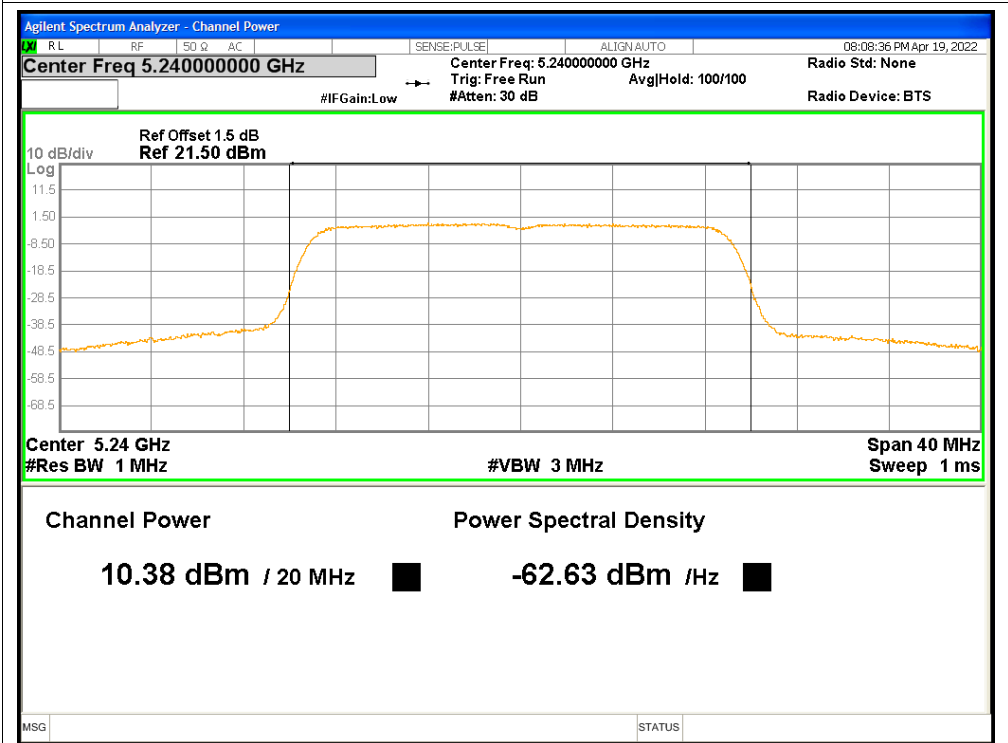
Average Power NVNT ac20 5180MHz



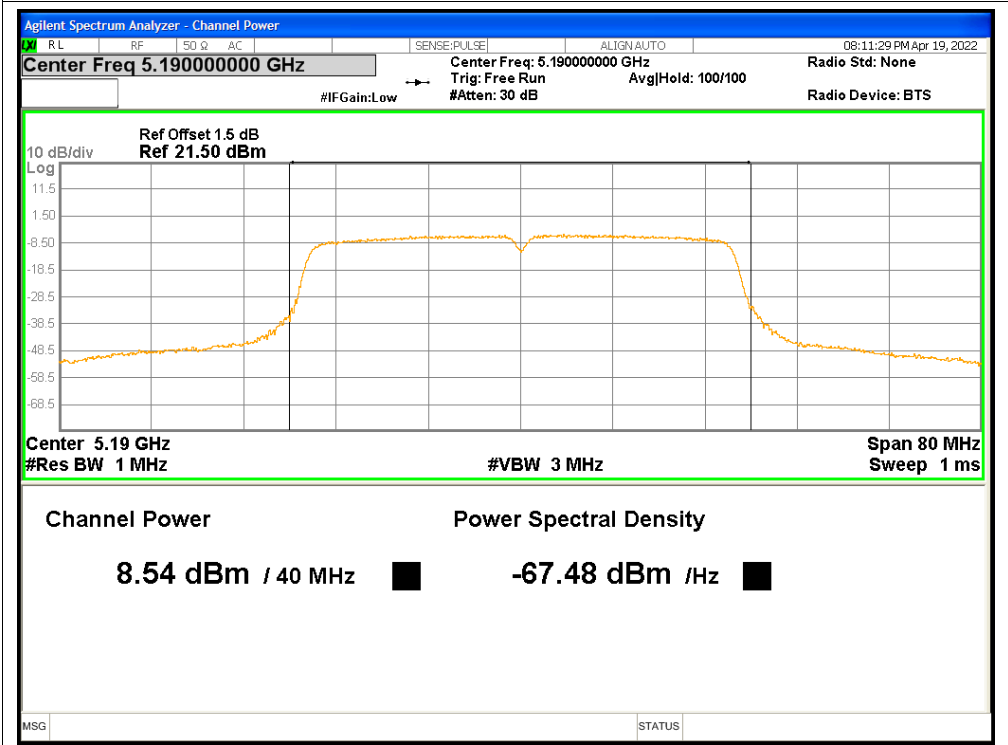
Average Power NVNT ac20 5200MHz



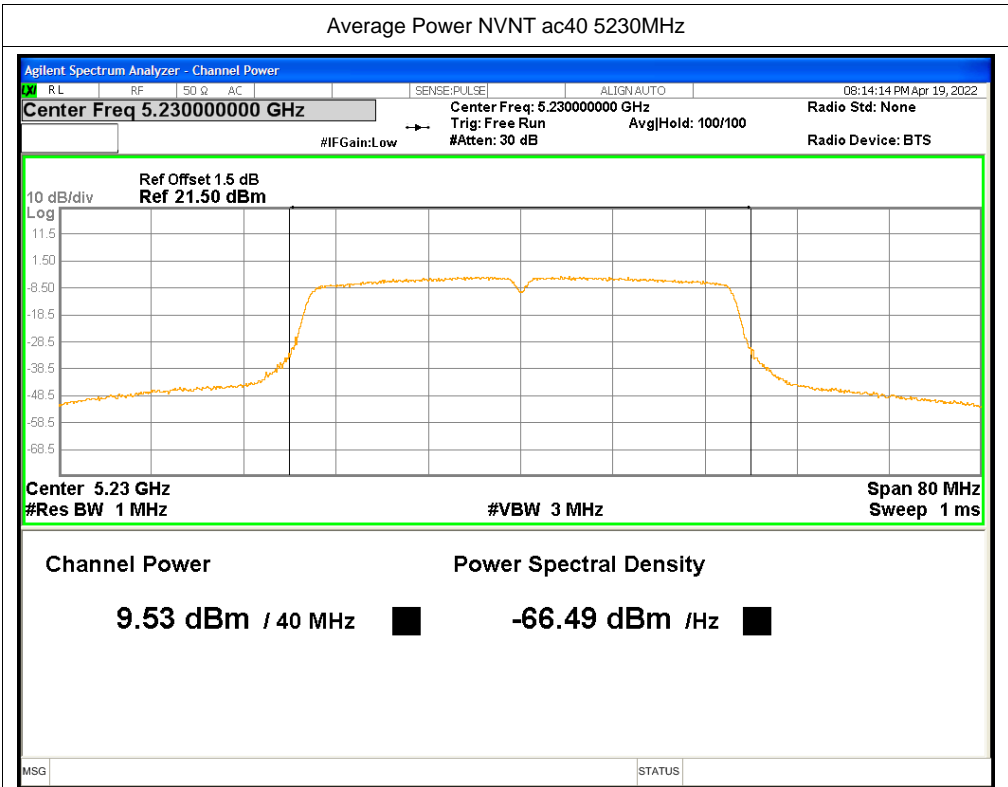
Average Power NVNT ac20 5240MHz



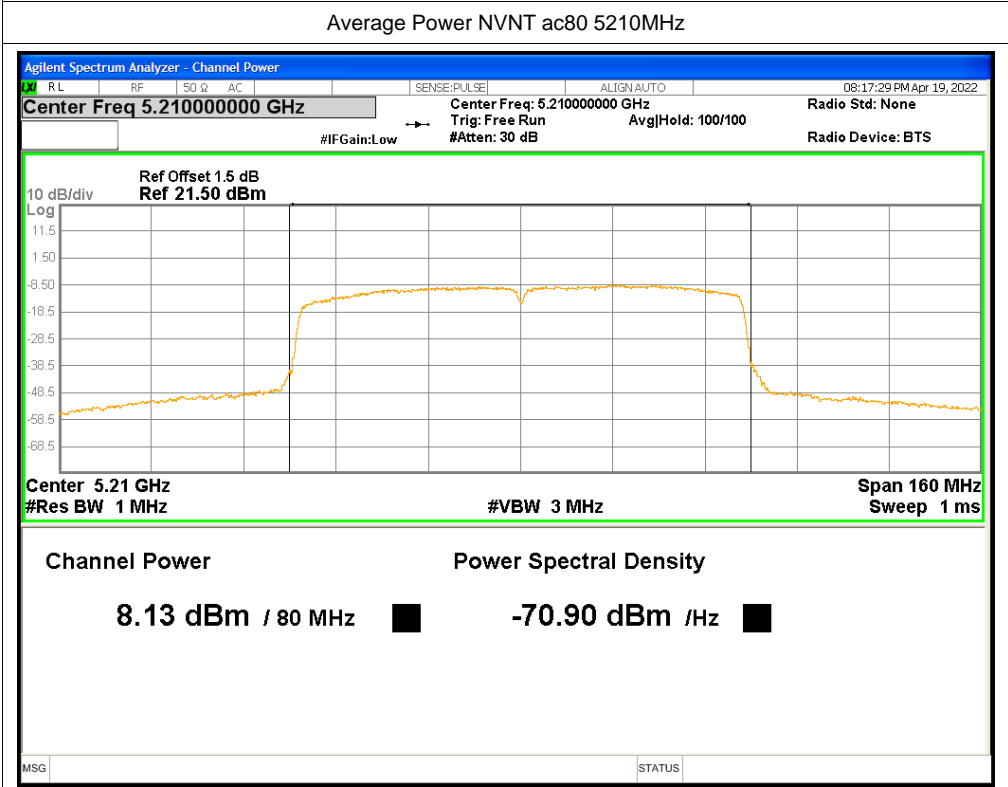
Average Power NVNT ac40 5190MHz



Average Power NVNT ac40 5230MHz



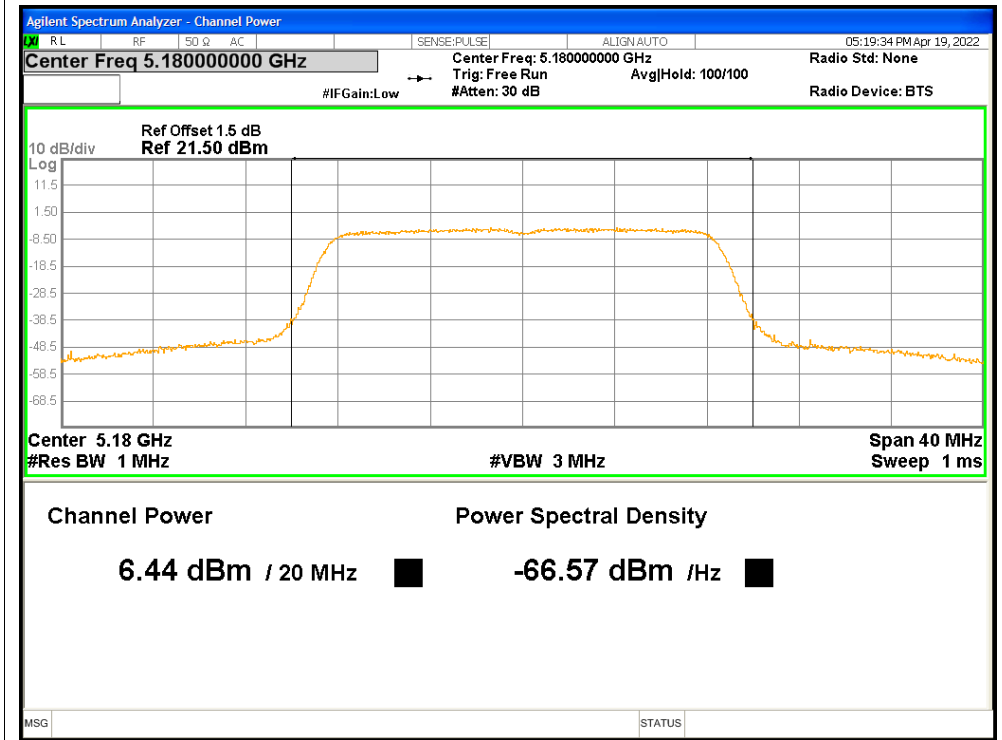
Average Power NVNT ac80 5210MHz



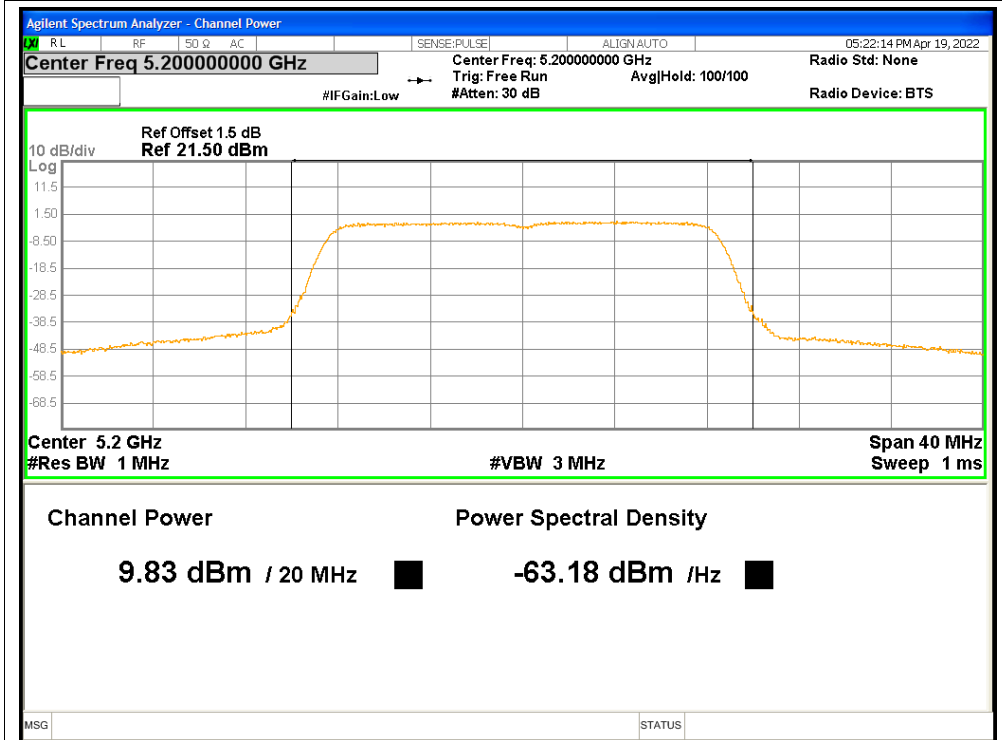
ANT B

Test Graphs

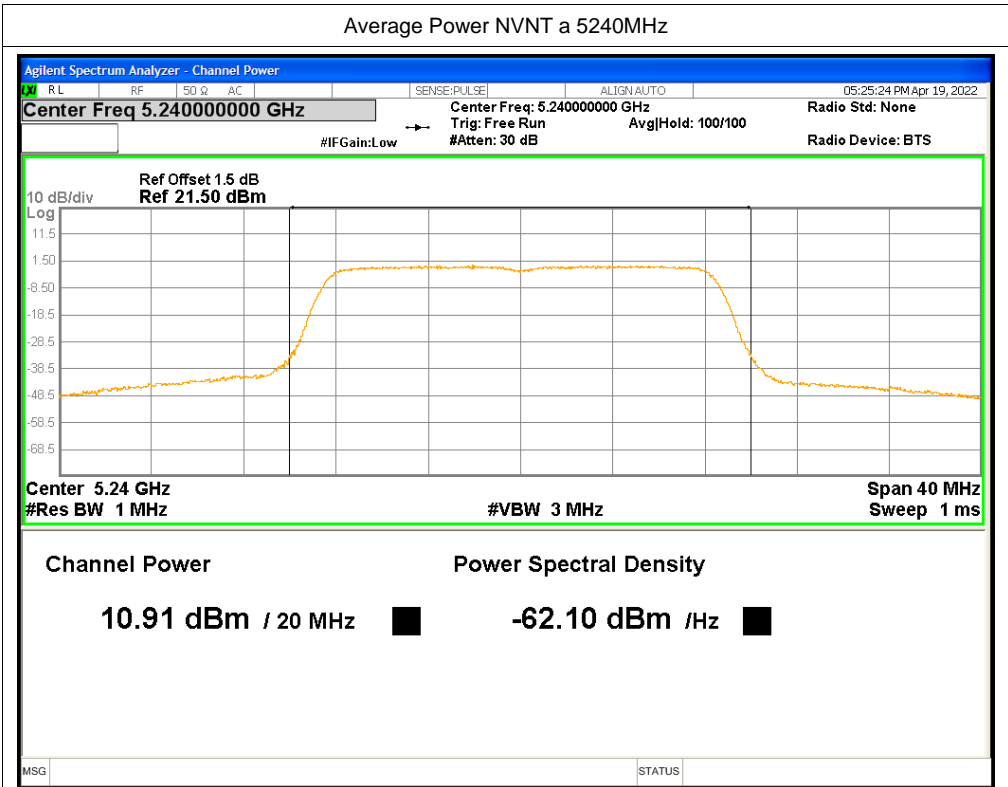
Average Power NVNT a 5180MHz



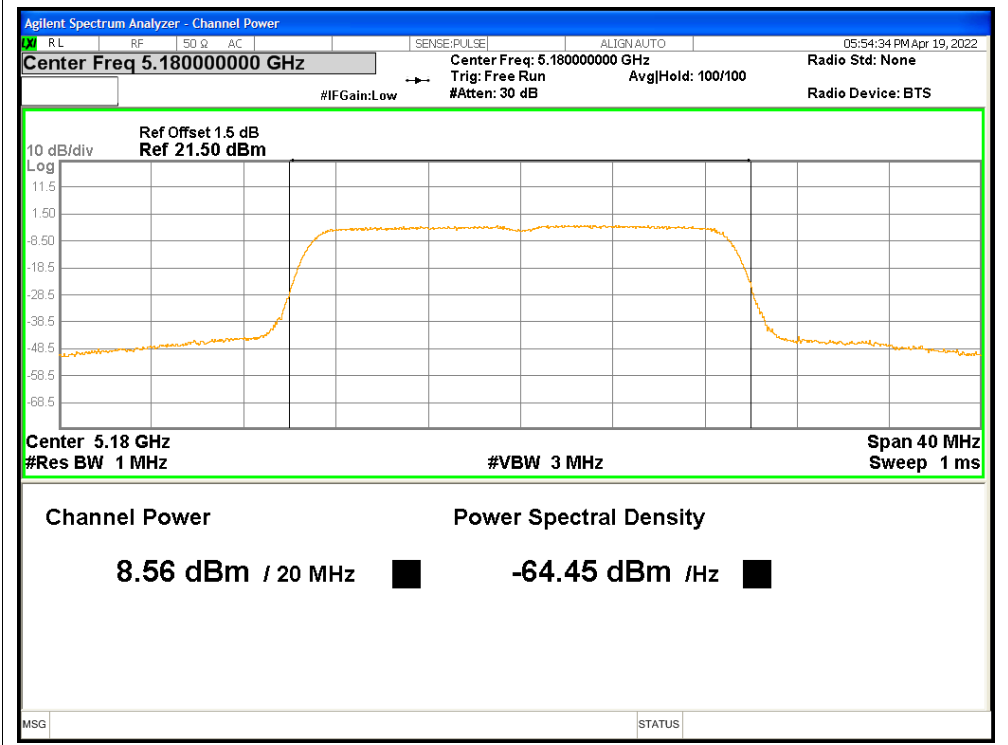
Average Power NVNT a 5200MHz



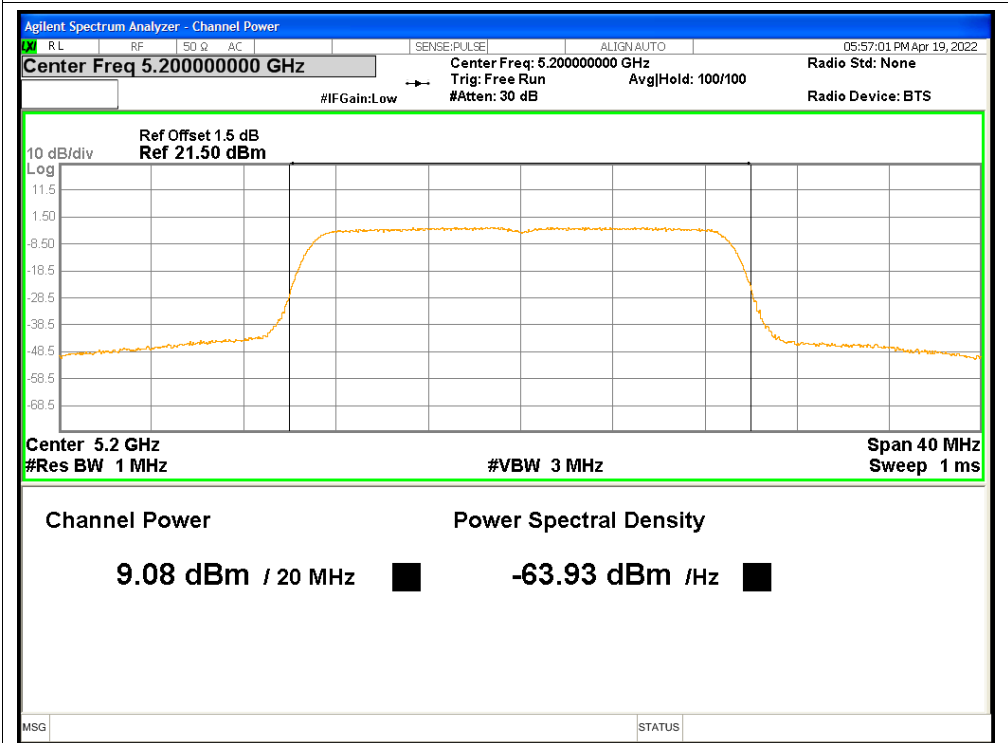
Average Power NVNT a 5240MHz



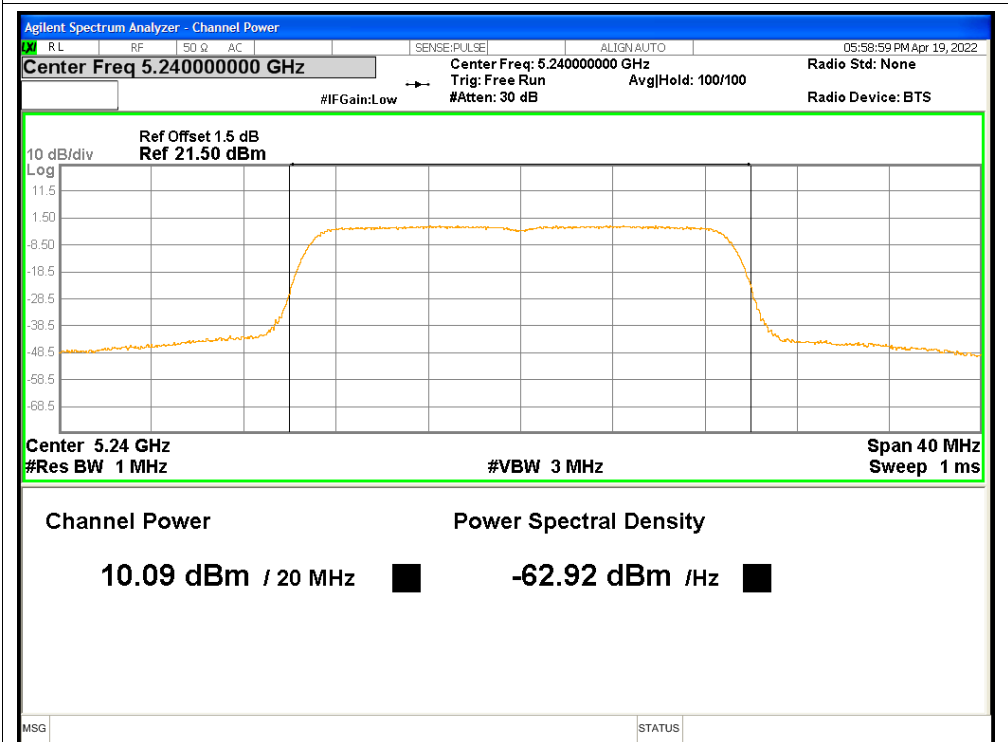
Average Power NVNT n20 5180MHz



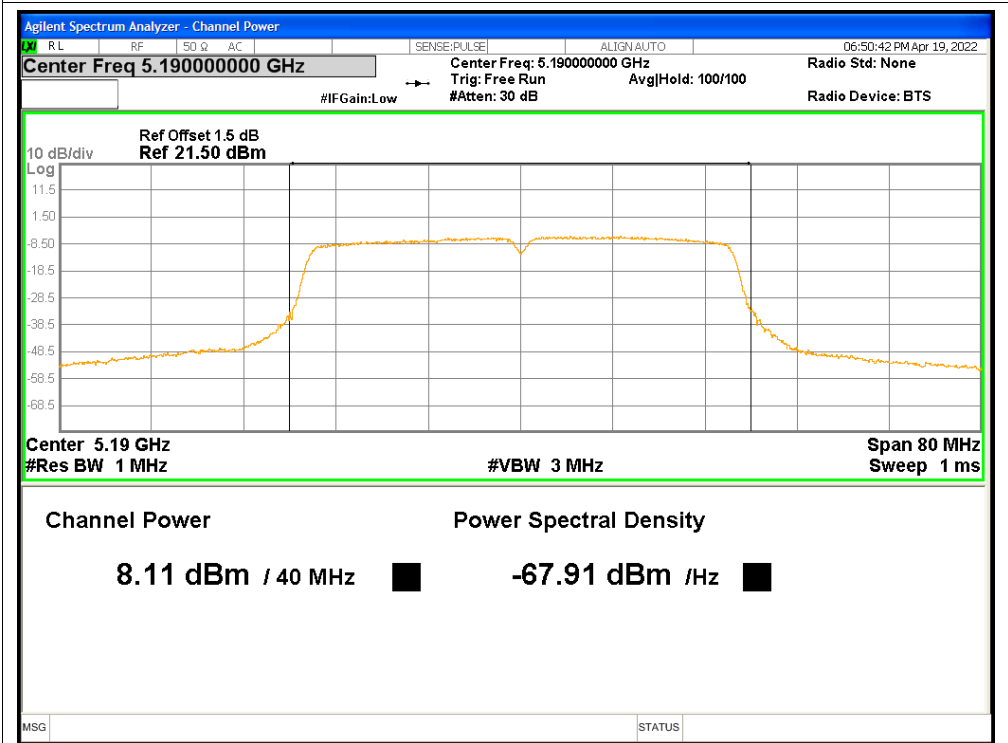
Average Power NVNT n20 5200MHz



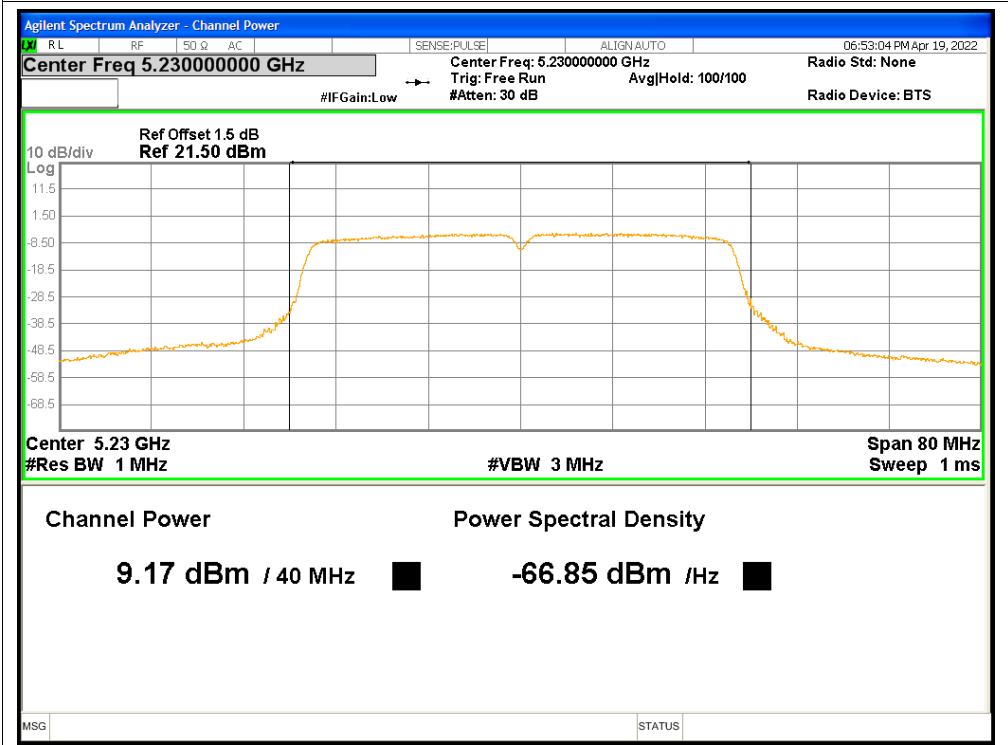
Average Power NVNT n20 5240MHz



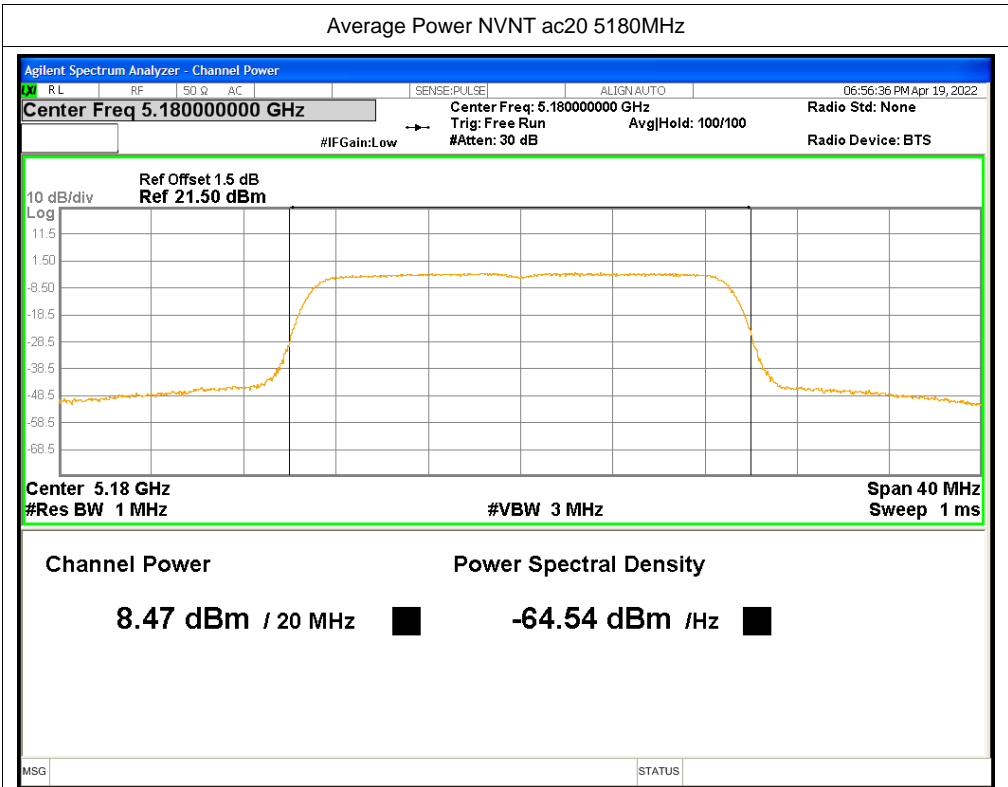
Average Power NVNT n40 5190MHz



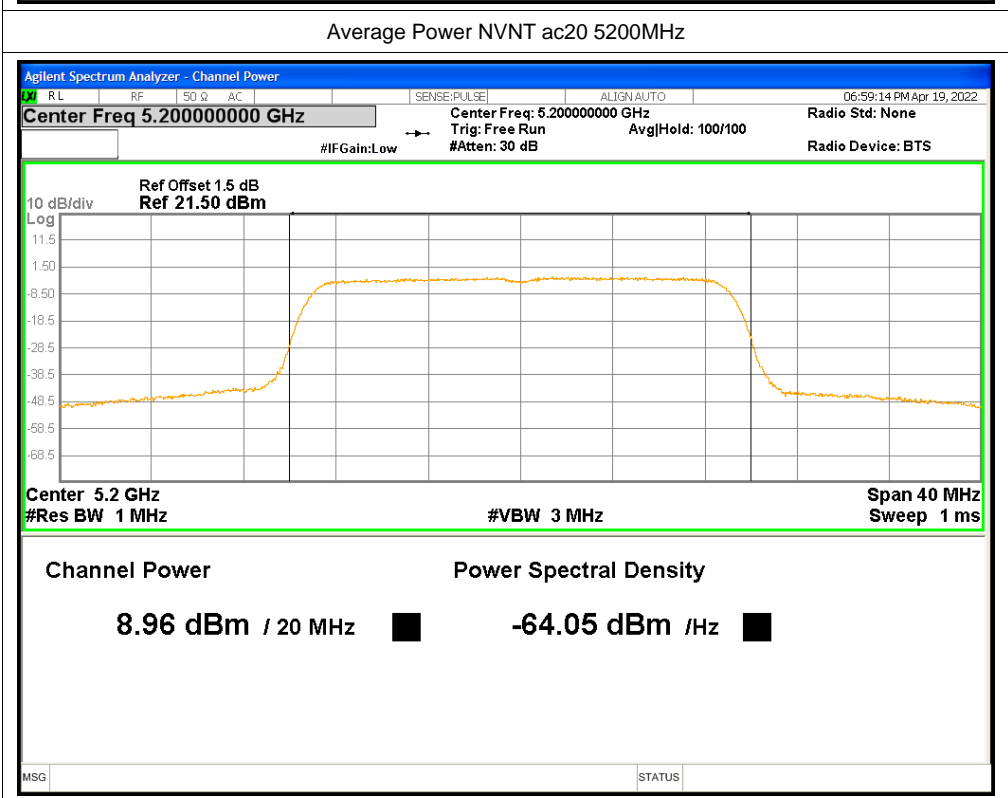
Average Power NVNT n40 5230MHz



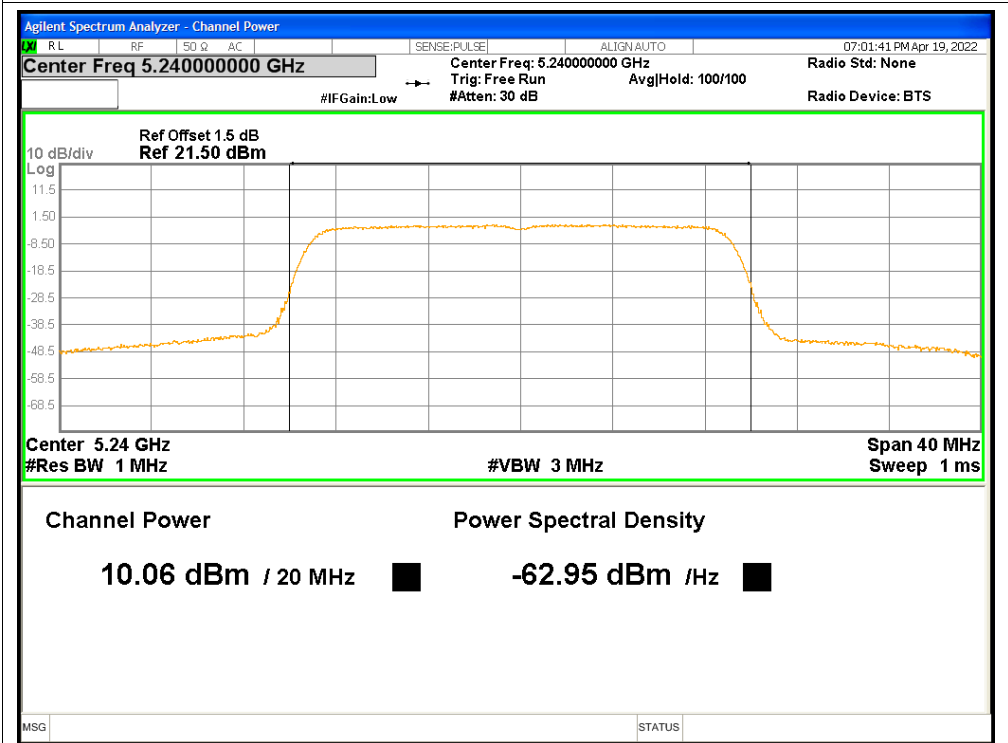
Average Power NVNT ac20 5180MHz



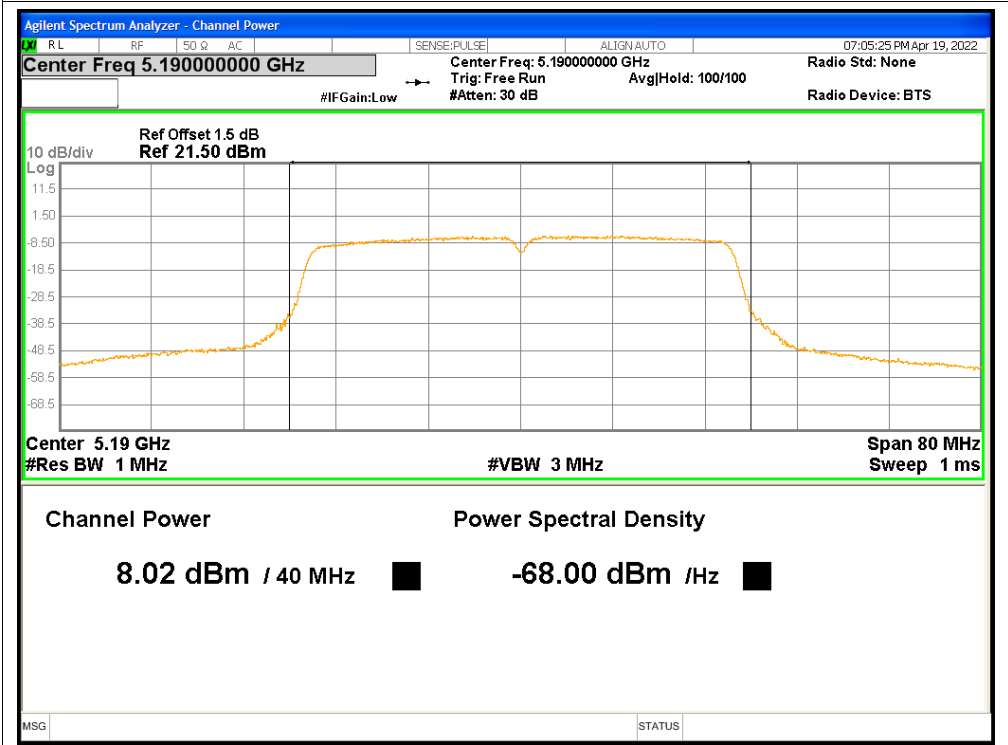
Average Power NVNT ac20 5200MHz



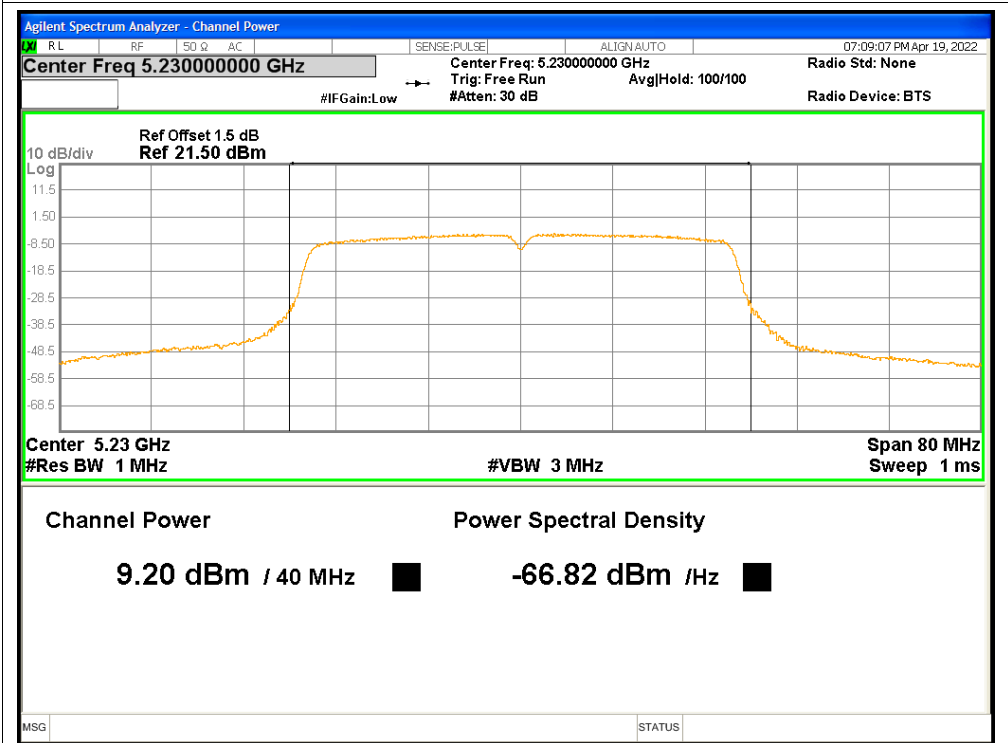
Average Power NVNT ac20 5240MHz



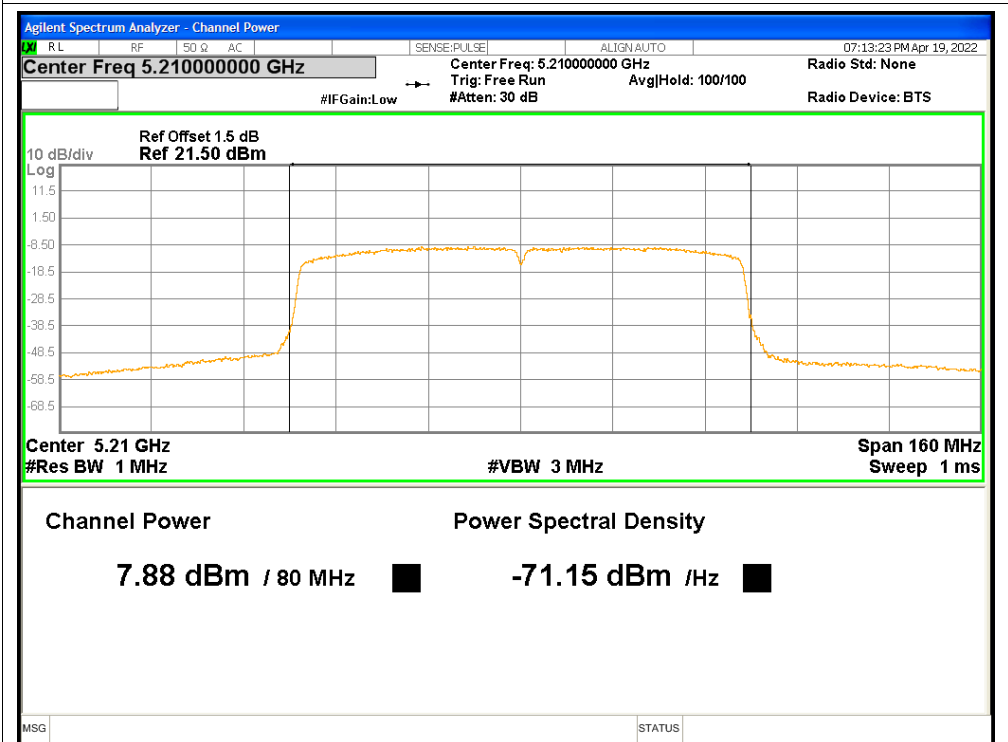
Average Power NVNT ac40 5190MHz



Average Power NVNT ac40 5230MHz



Average Power NVNT ac80 5210MHz

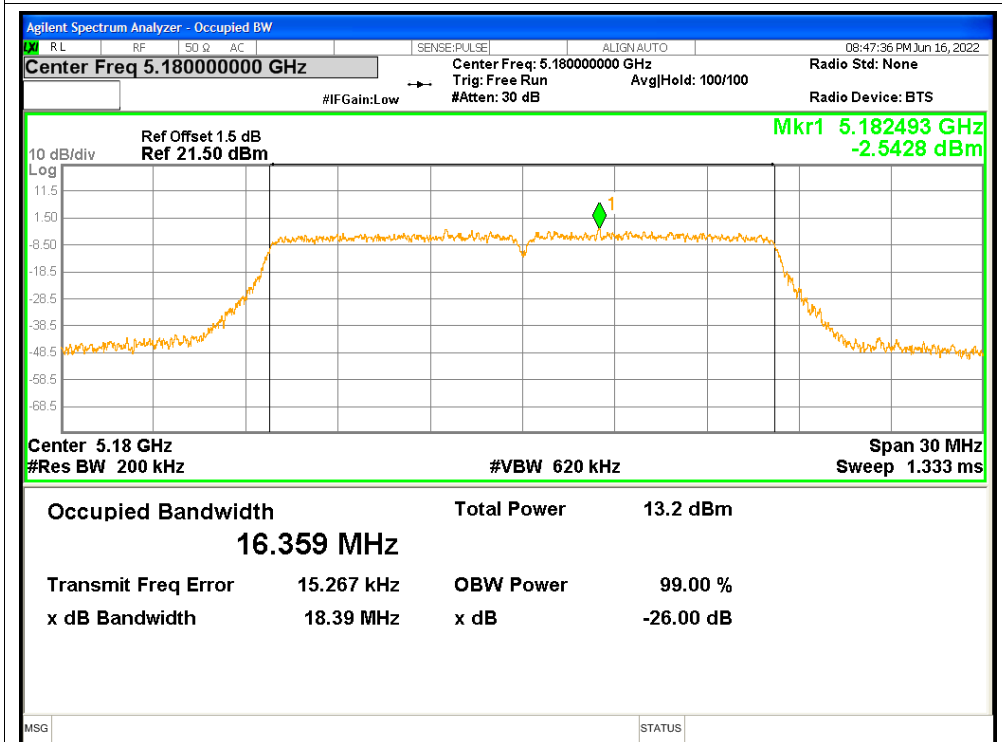


1. Occupied Channel Bandwidth

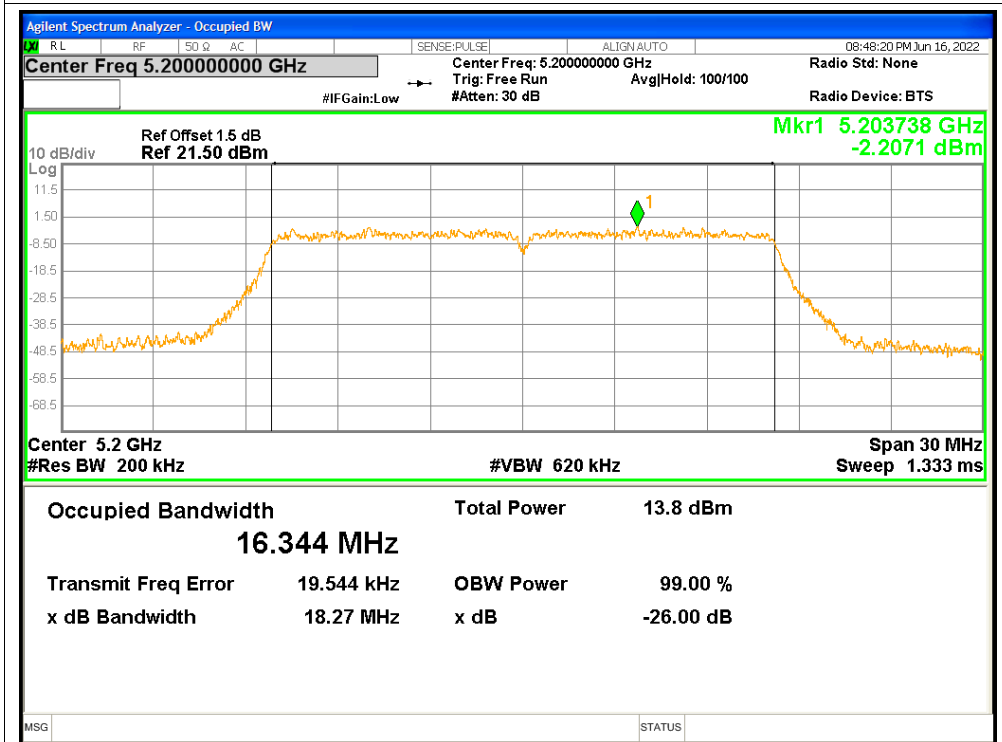
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5180	16.359
NVNT	a	5200	16.344
NVNT	a	5240	16.321
NVNT	n20	5180	17.52
NVNT	n20	5200	17.519
NVNT	n20	5240	17.538
NVNT	n40	5190	36.056
NVNT	n40	5230	36.082
NVNT	ac20	5180	17.522
NVNT	ac20	5200	17.523
NVNT	ac20	5240	17.523
NVNT	ac40	5190	36.104
NVNT	ac40	5230	36.048
NVNT	ac80	5210	74.603

Test Graphs

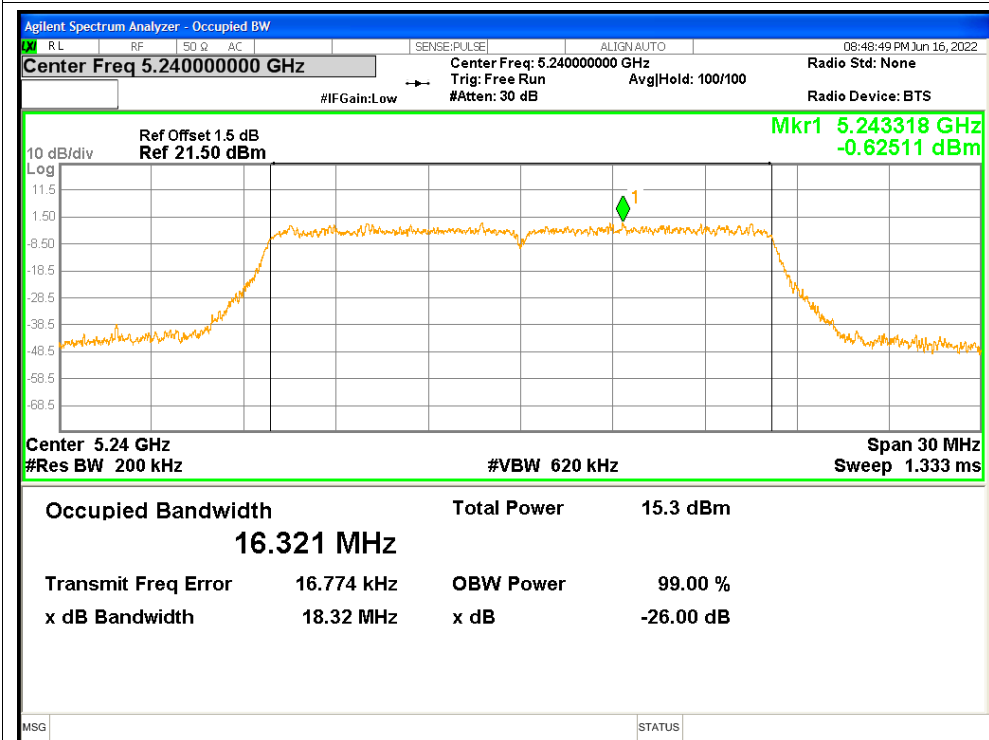
OBW NVNT a 5180MHz



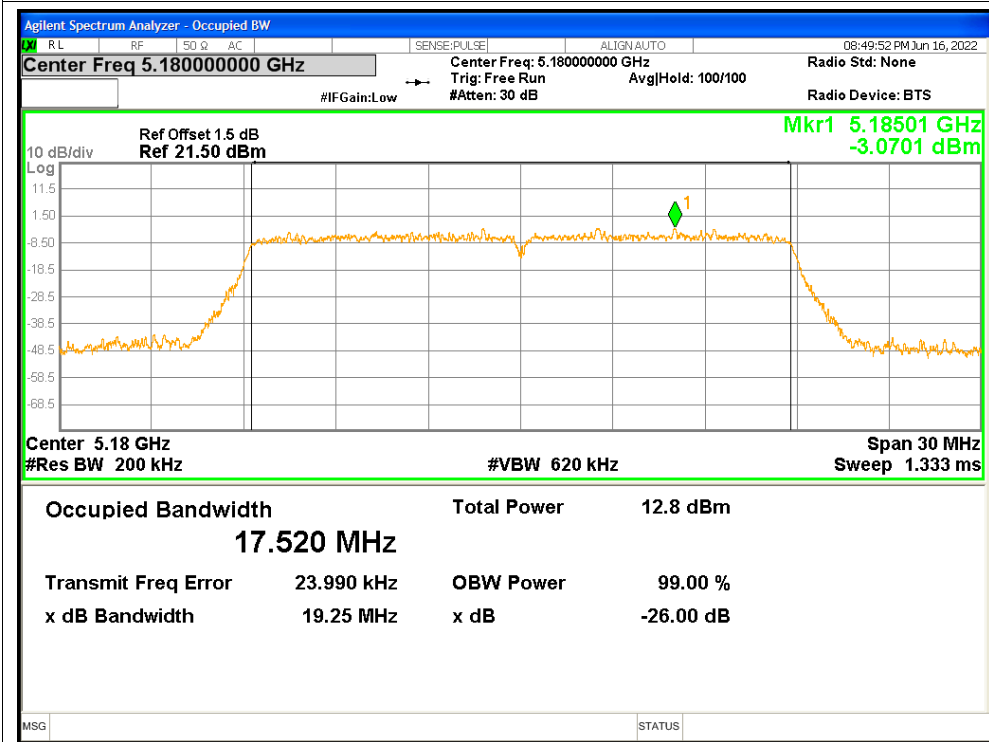
OBW NVNT a 5200MHz



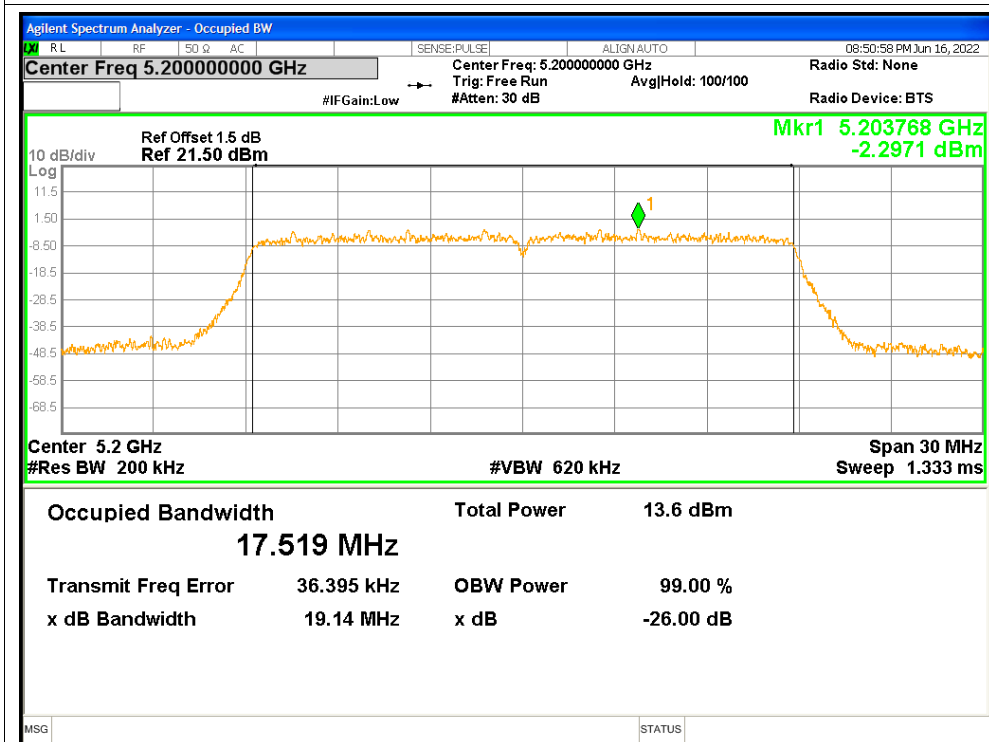
OBW NVNT a 5240MHz



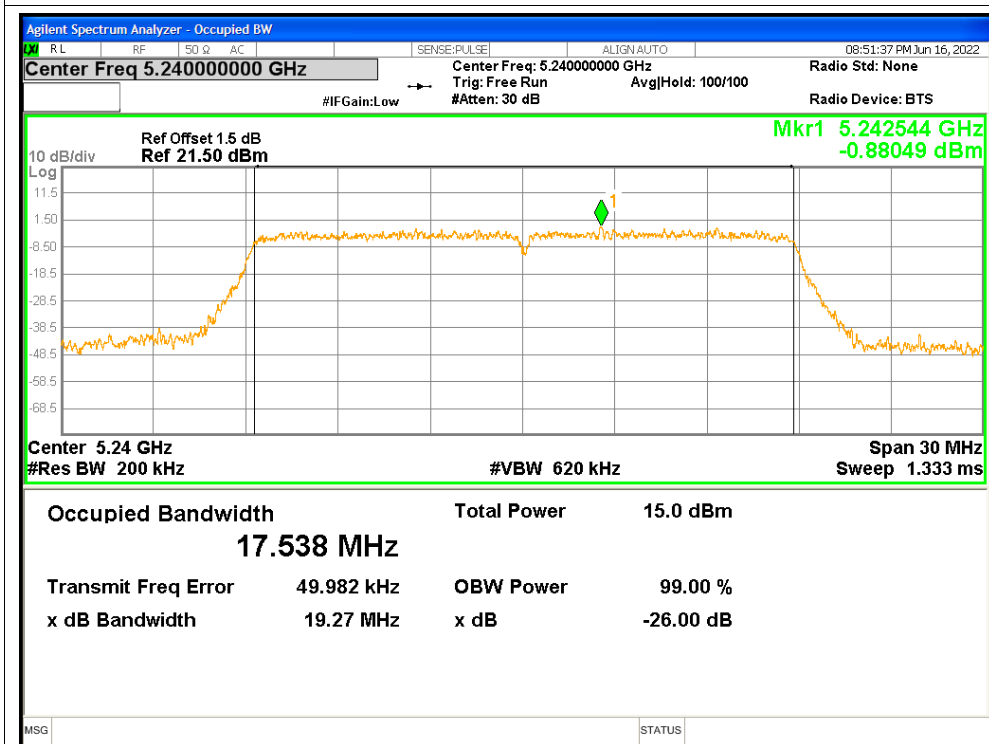
OBW NVNT n20 5180MHz



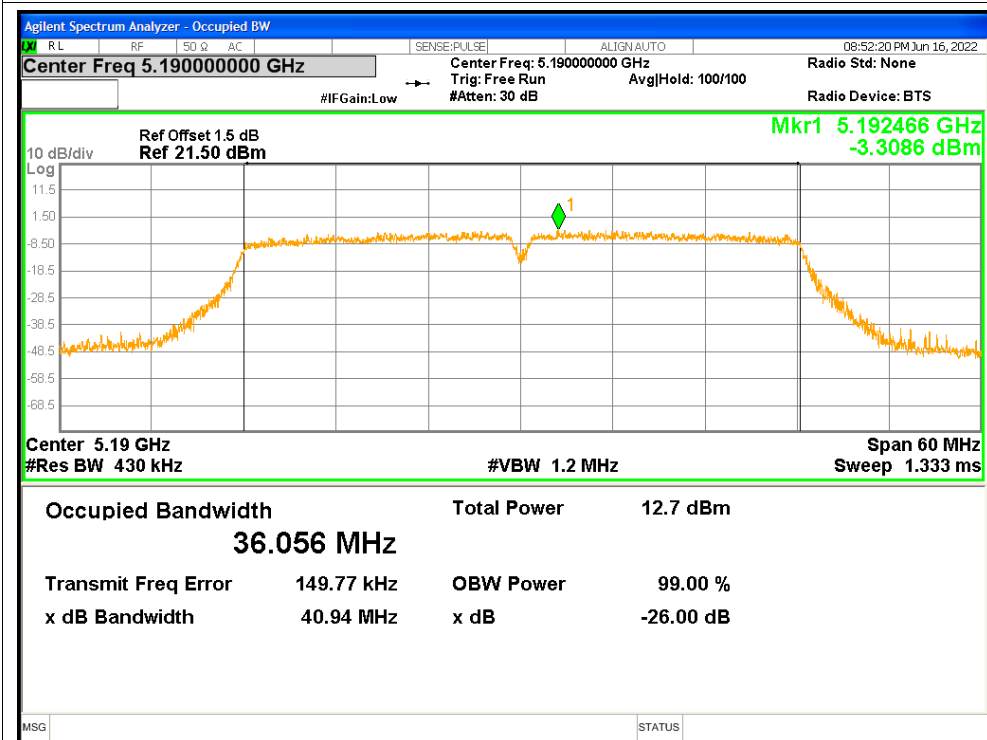
OBW NVNT n20 5200MHz



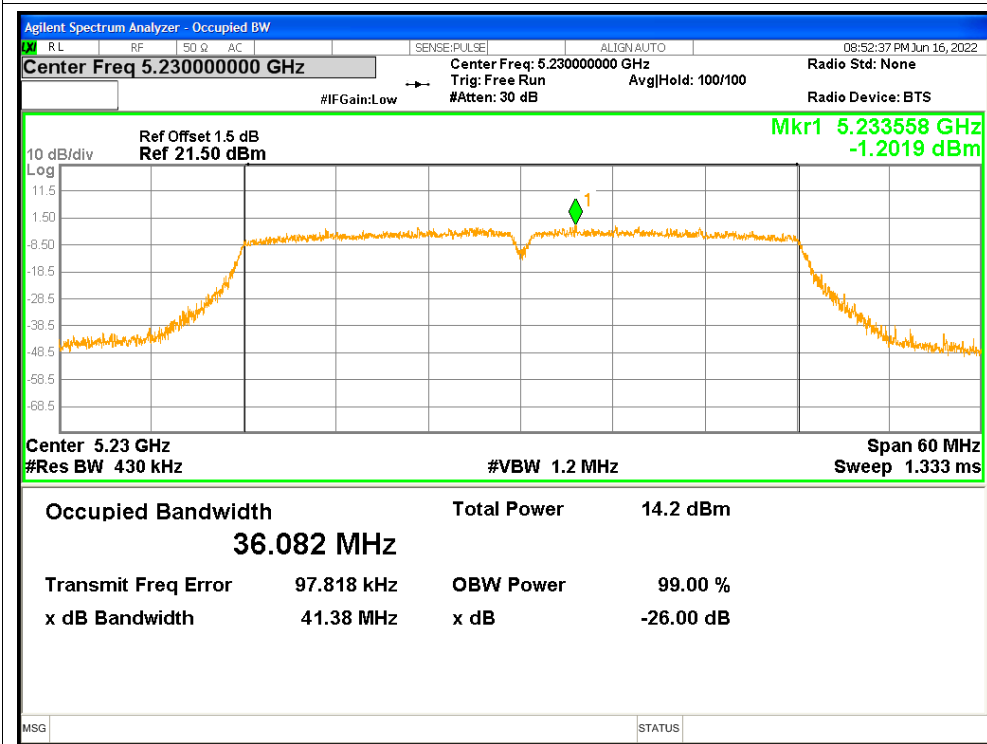
OBW NVNT n20 5240MHz



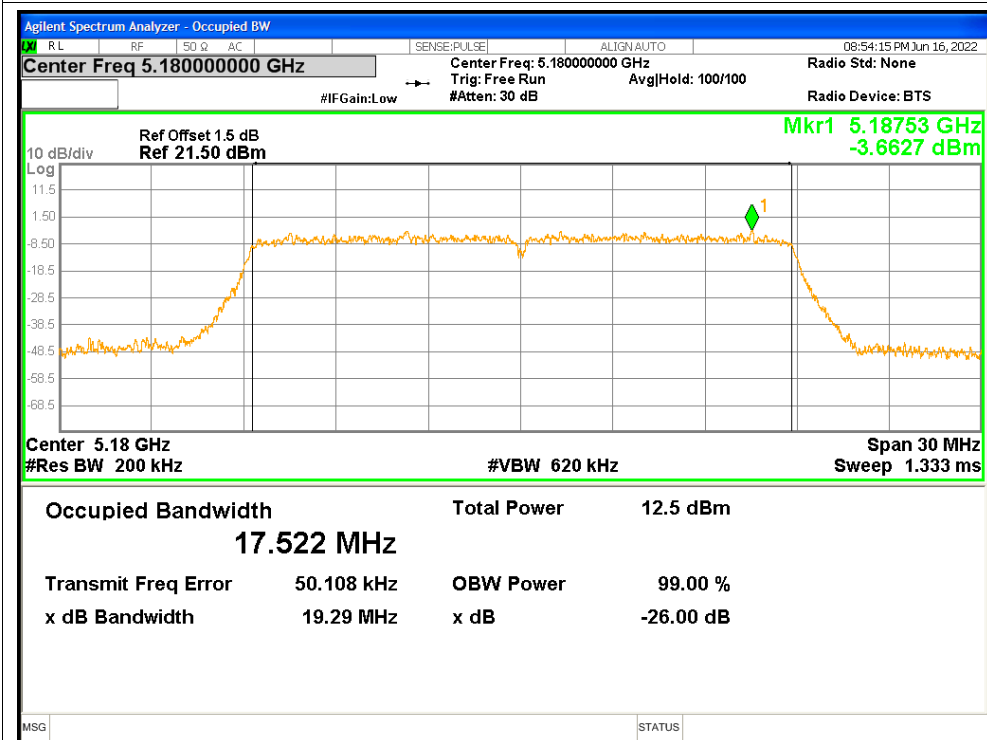
OBW NVNT n40 5190MHz



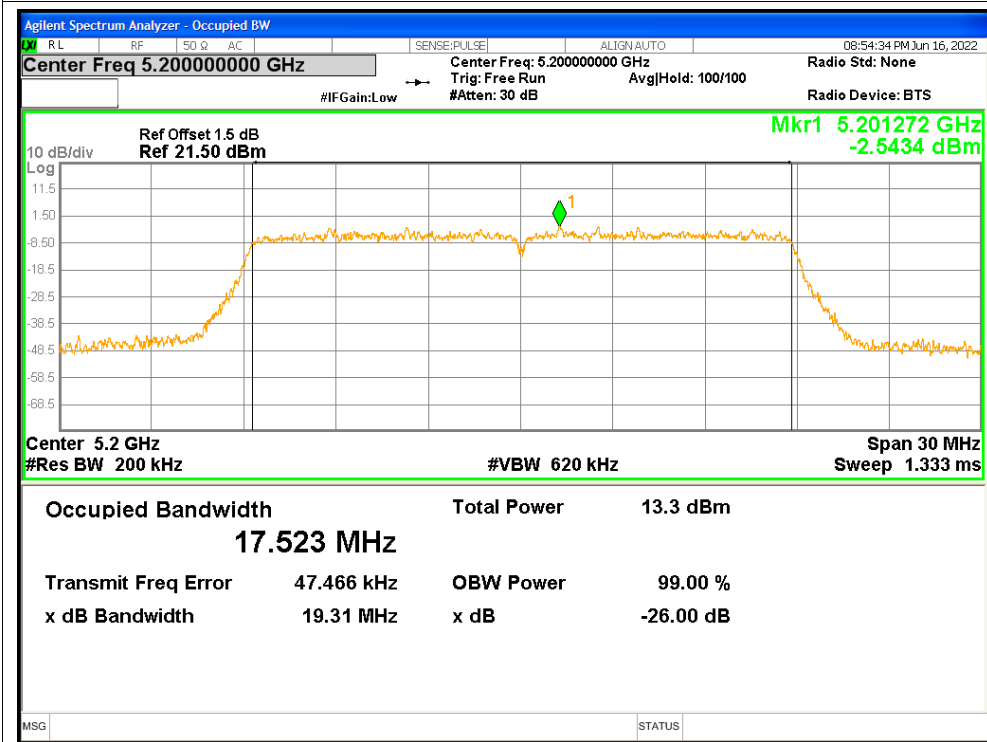
OBW NVNT n40 5230MHz



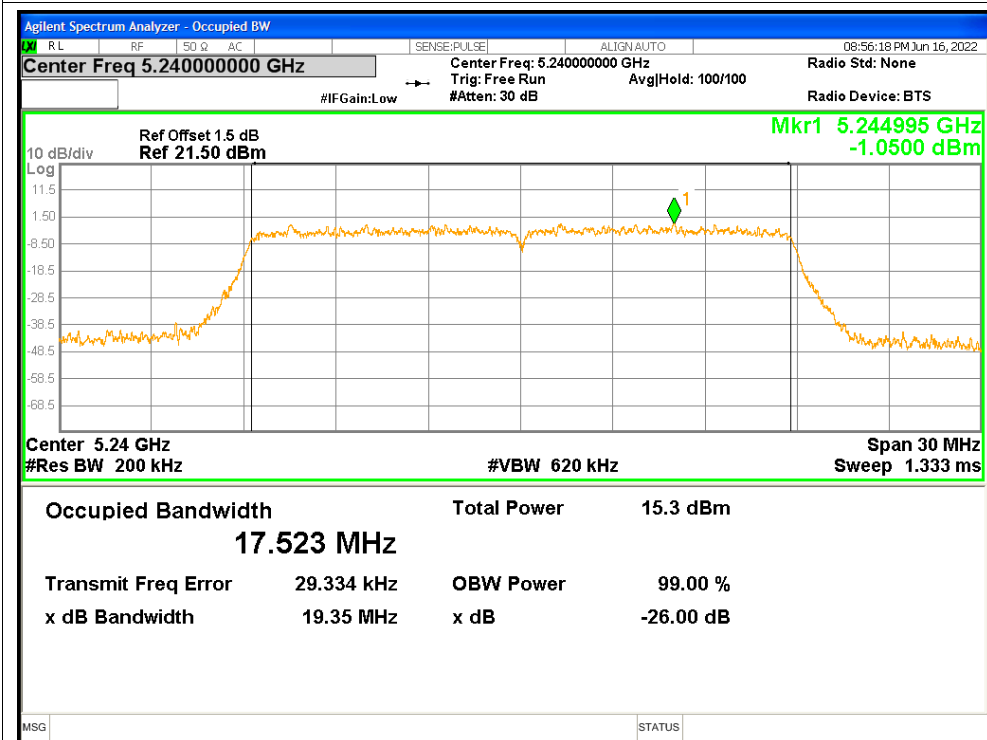
OBW NVNT ac20 5180MHz



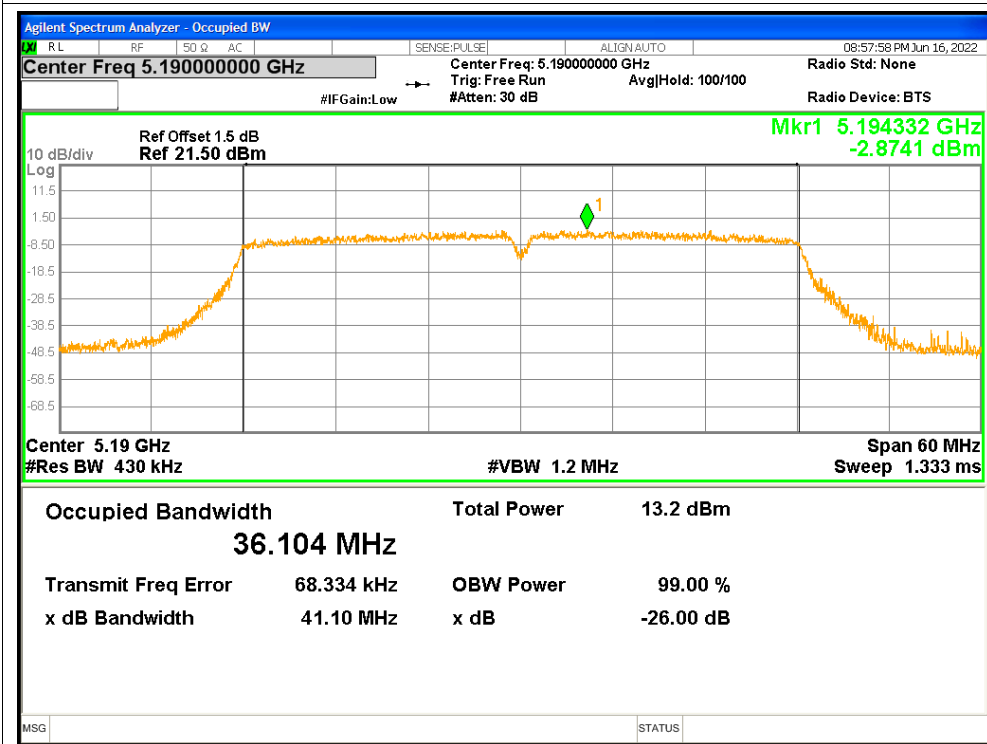
OBW NVNT ac20 5200MHz



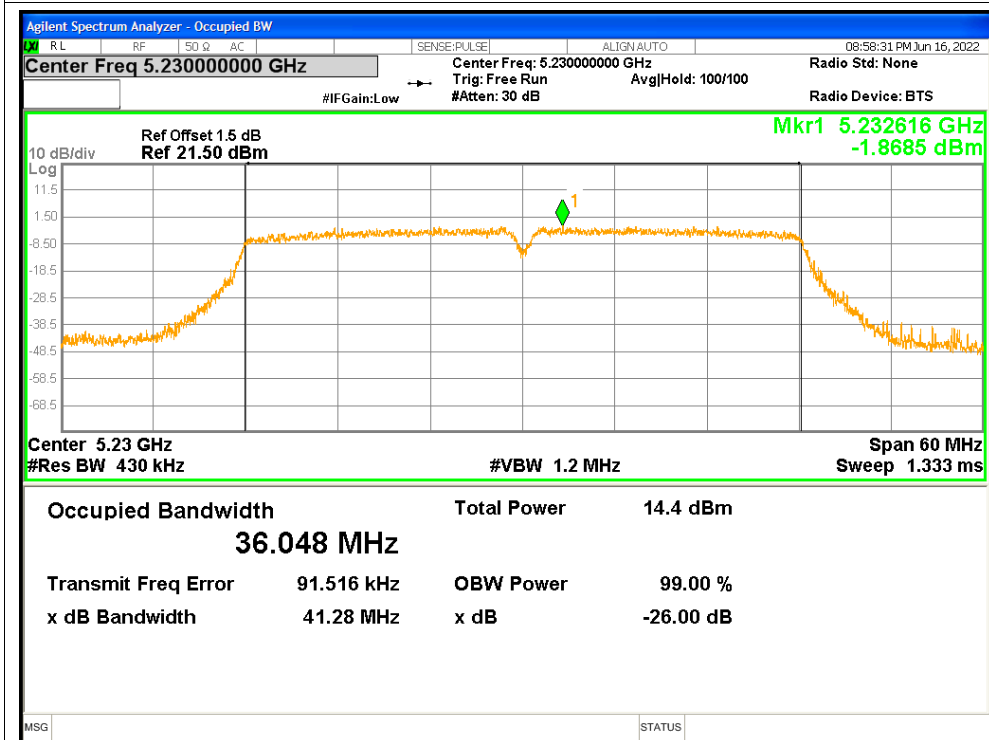
OBW NVNT ac20 5240MHz



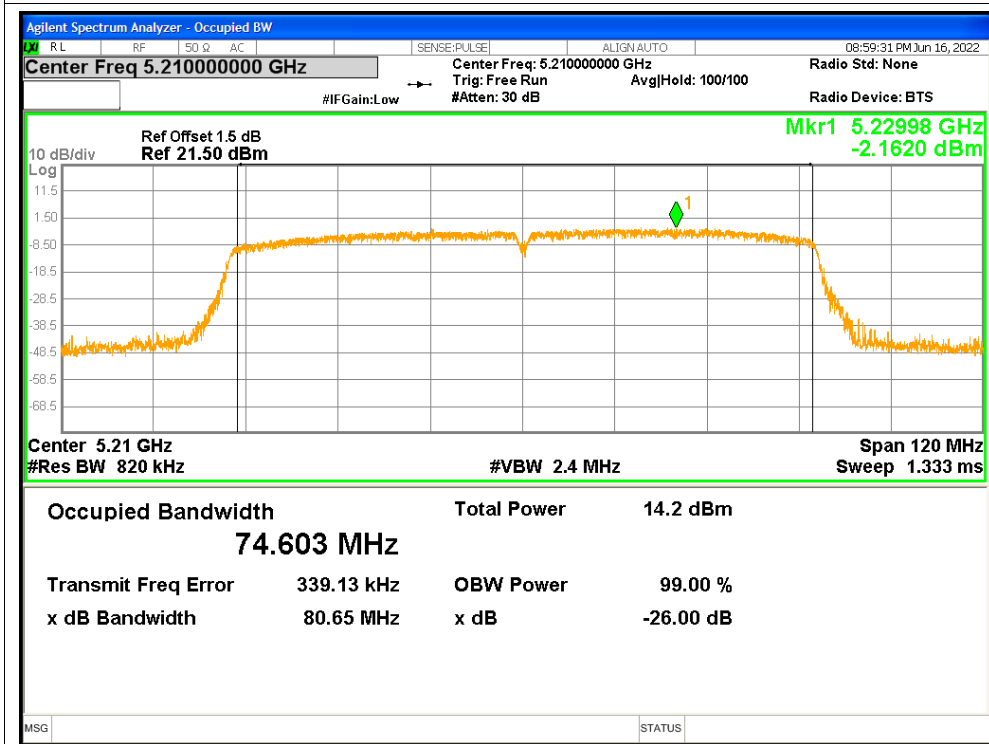
OBW NVNT ac40 5190MHz



OBW NVNT ac40 5230MHz



OBW NVNT ac80 5210MHz



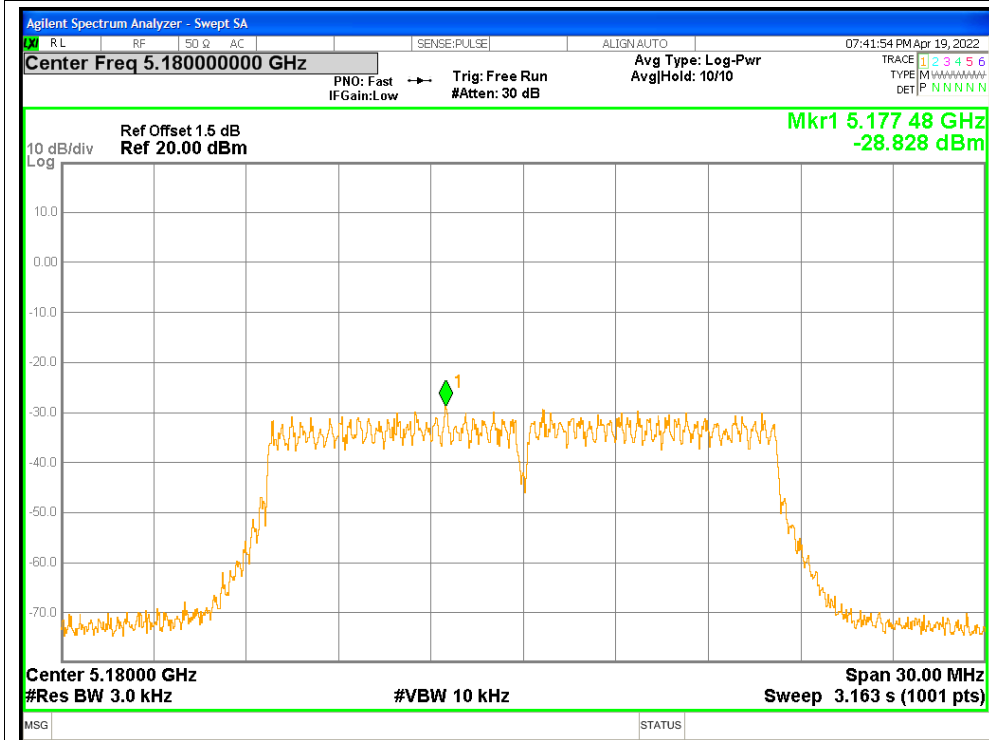
Maximum Power Spectral Density Level

Frequency (MHz)	Direct measurement Ant_A Power Density (dBm)	Direct measurement Ant_B Power Density (dBm)	Duty cycle factor (dB)	Final Ant_A Power Density (dBm)	Final Ant_B Power Density (dBm)	Power Density Total (dBm)	Limit (dBm)	Result
802.11a								
5180	-28.830	-15.190	0.390	-28.440	-14.800	--	11	PASS
5200	-28.500	-14.890	0.270	-28.230	-14.620	--	11	PASS
5240	-27.300	-14.100	0.300	-27.000	-13.800	--	11	PASS
802.11n20								
5180	-16.290	-18.040	0.360	-15.930	-17.680	-13.707	11	PASS
5200	-14.580	-16.850	0.210	-14.370	-16.640	-12.348	11	PASS
5240	-14.270	-14.460	0.400	-13.870	-14.060	-10.954	11	PASS
802.11n40								
5190	-18.760	-18.700	0.700	-18.060	-18.000	-15.020	11	PASS
5230	-17.370	-18.740	0.700	-16.670	-18.040	-14.291	11	PASS
802.11ac20								
5180	-16.530	-15.530	0.350	-16.180	-15.180	-12.641	11	PASS
5200	-15.980	-15.060	0.330	-15.650	-14.730	-12.155	11	PASS
5240	-15.120	-15.100	0.280	-14.840	-14.820	-11.820	11	PASS
802.11ac40								
5190	-16.750	-19.170	0.880	-15.870	-18.290	-13.903	11	PASS
5230	-18.090	-17.550	0.830	-17.260	-16.720	-13.971	11	PASS
802.11ac80								
5210	-21.480	-22.410	1.230	-20.250	-21.180	-17.680	11	PASS

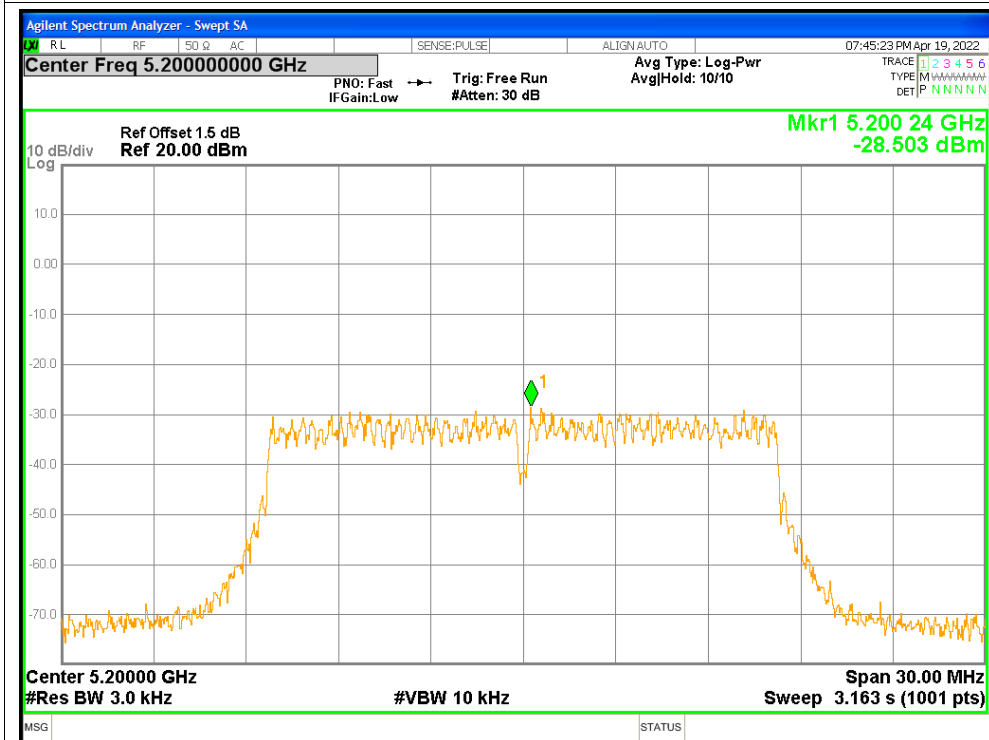
ANT A

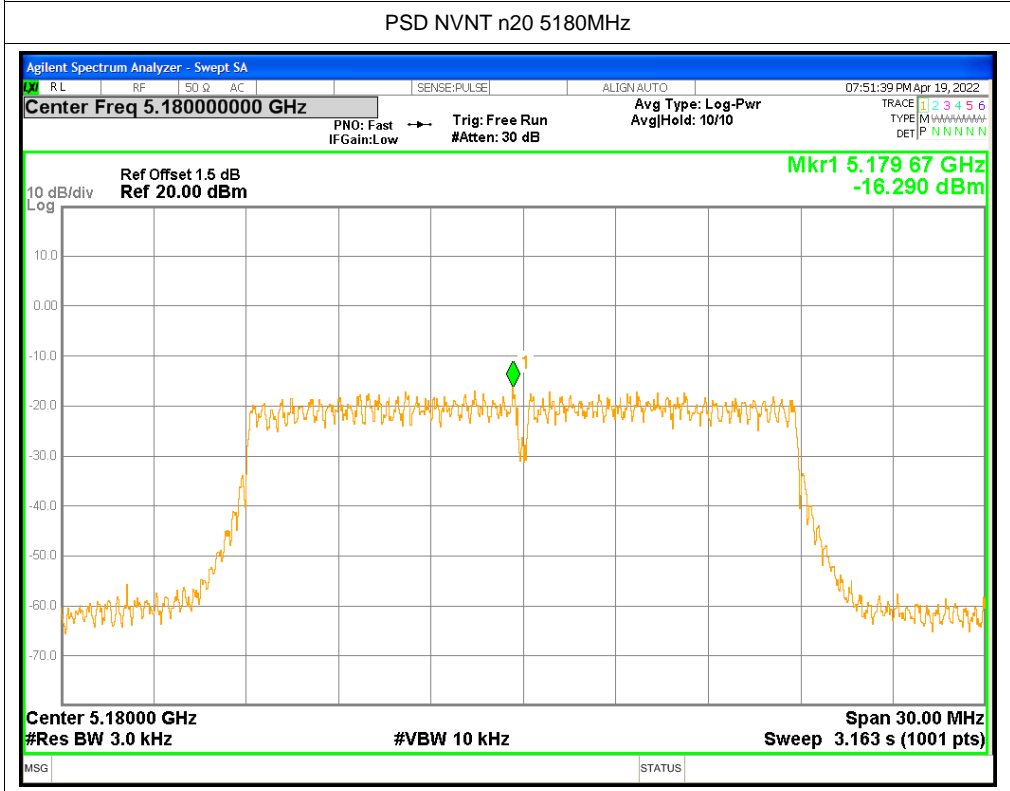
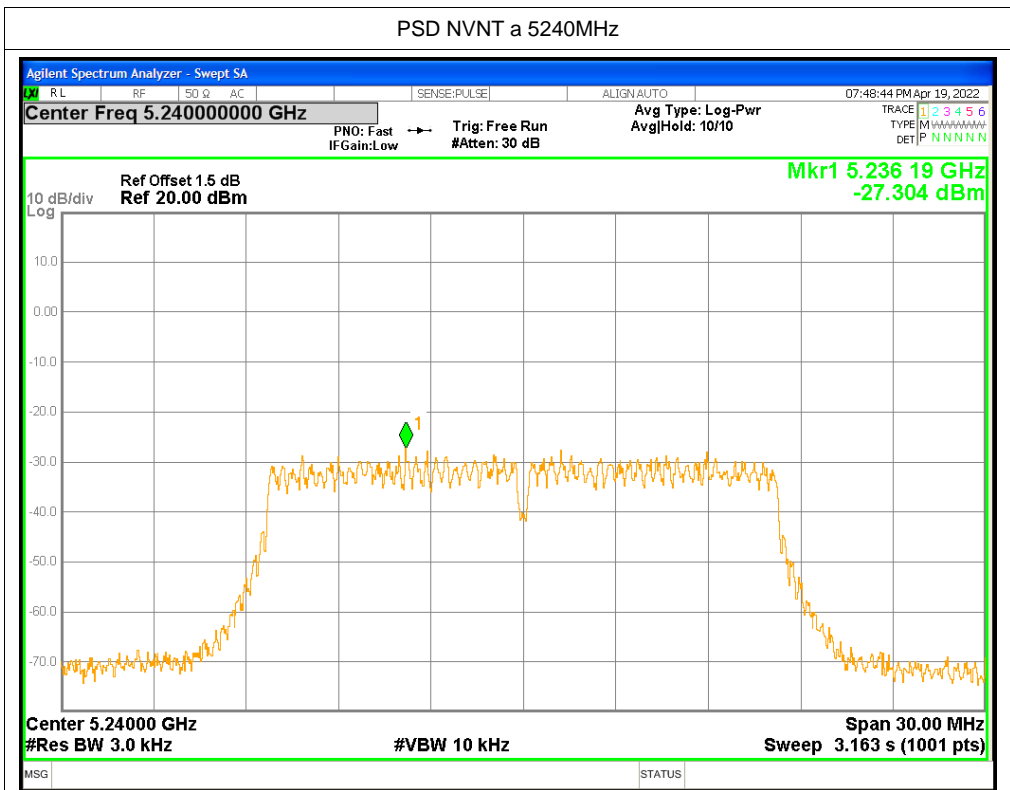
Test Graphs

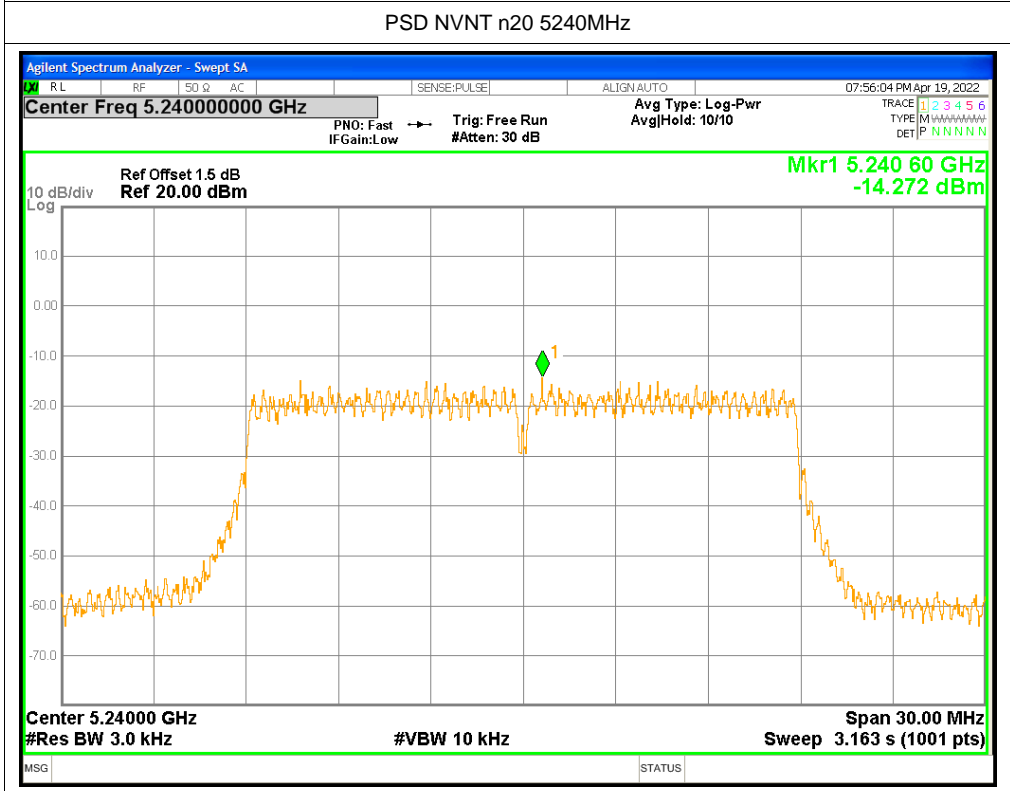
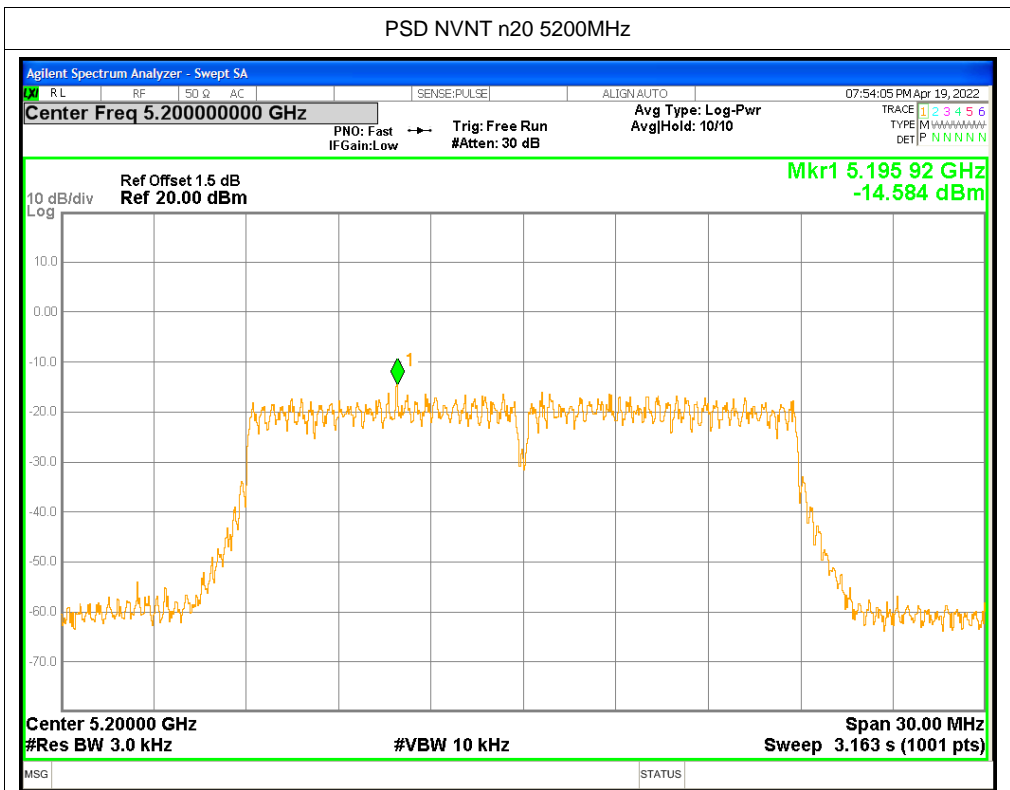
PSD NVNT a 5180MHz



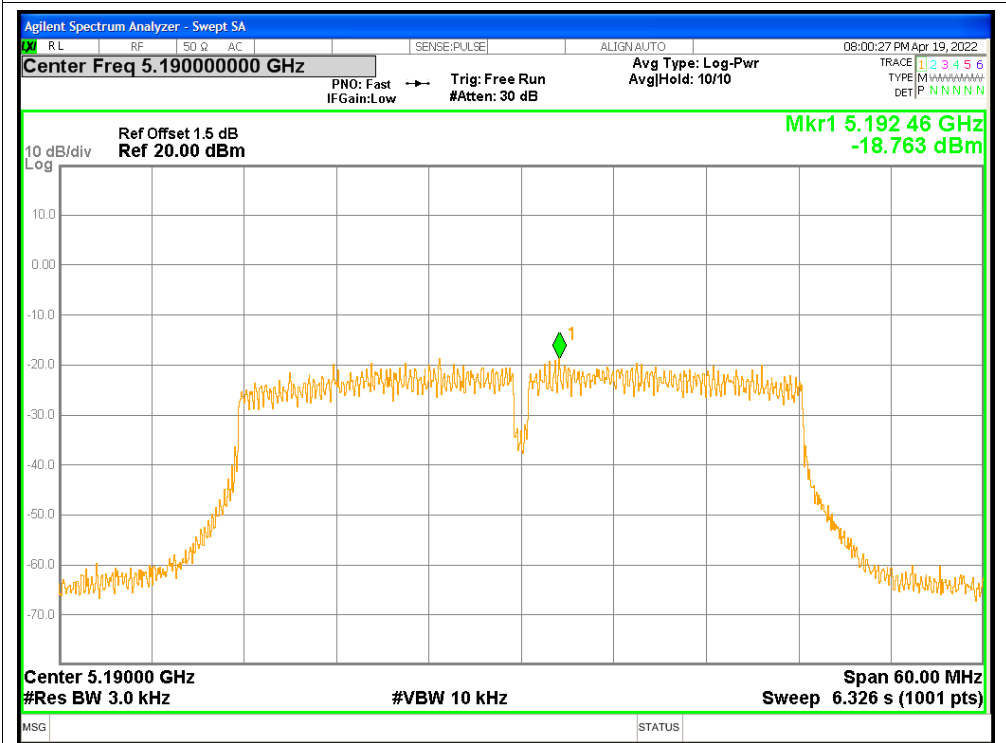
PSD NVNT a 5200MHz



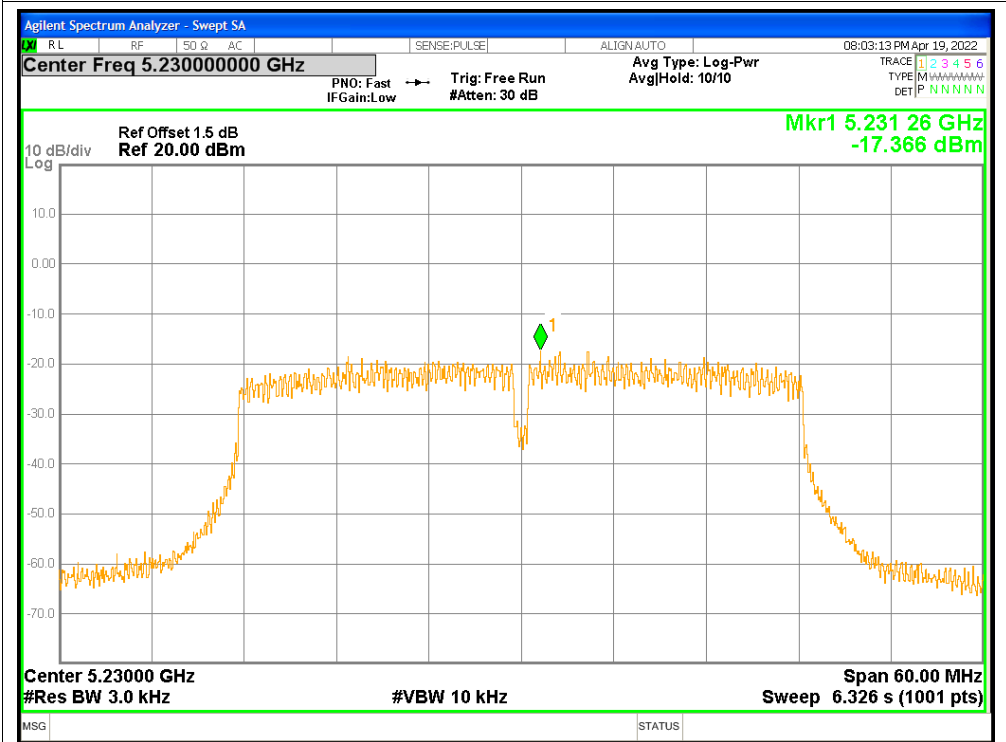


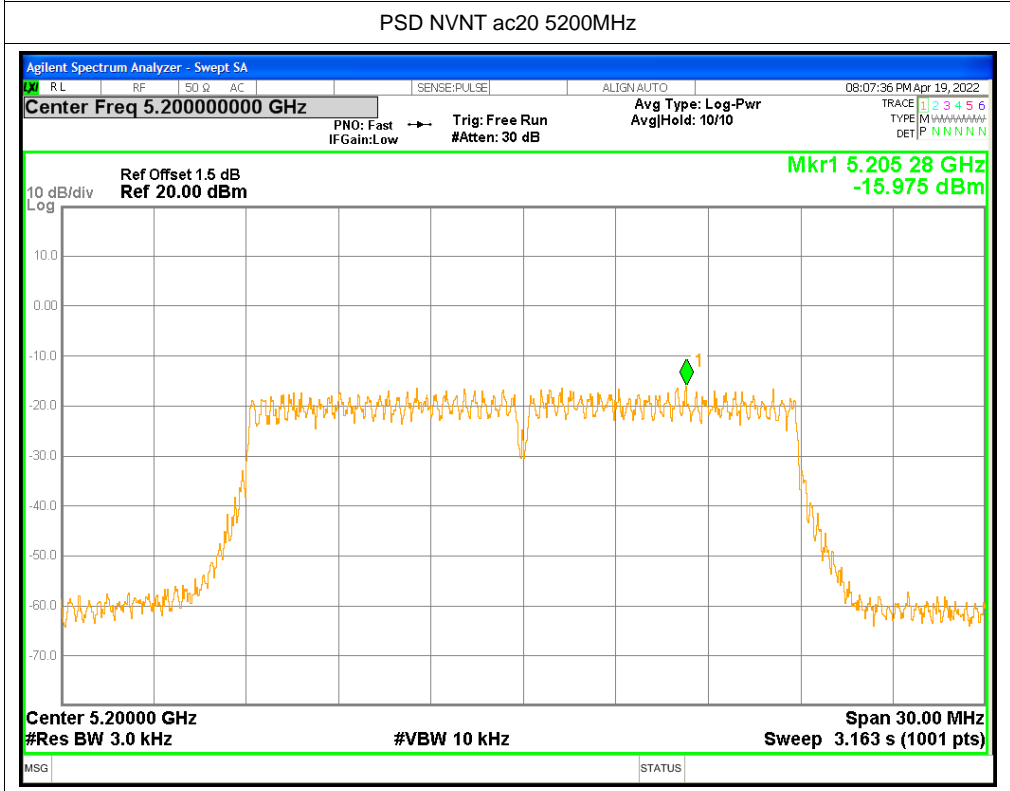
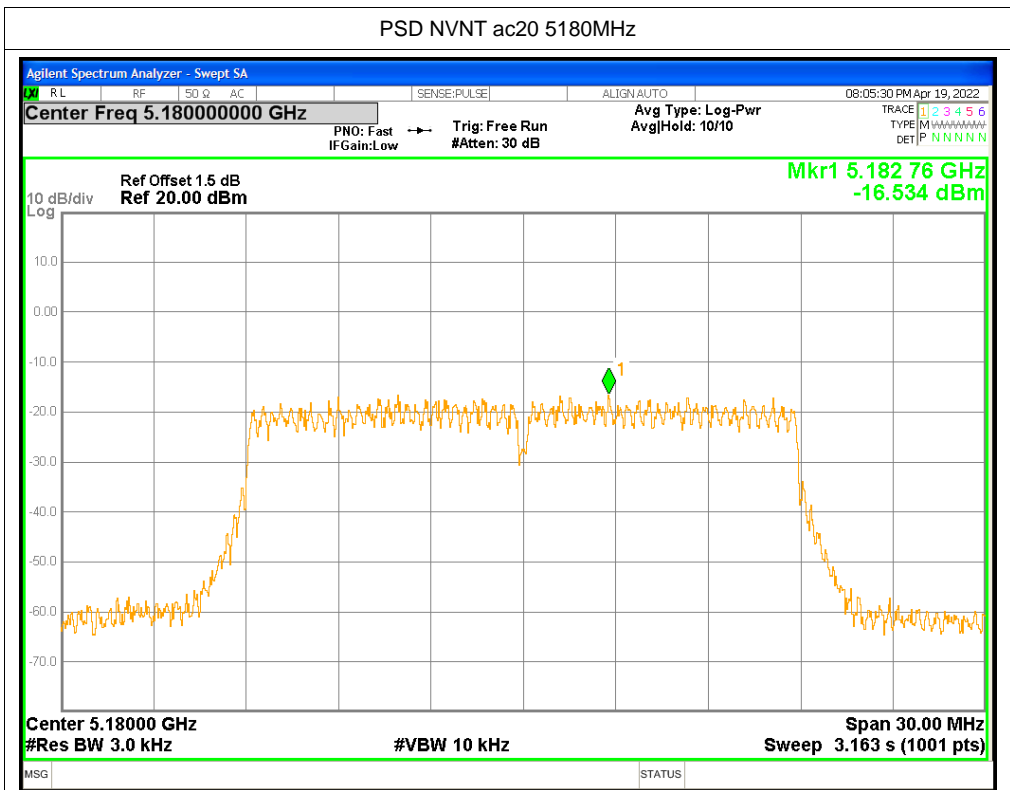


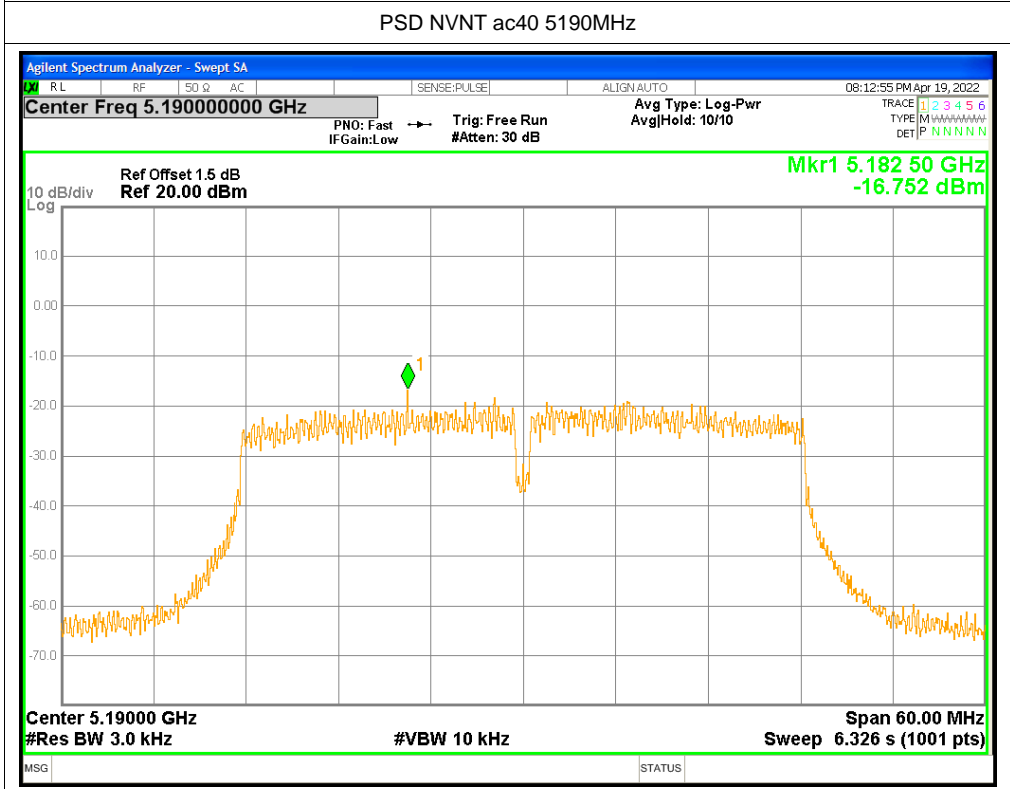
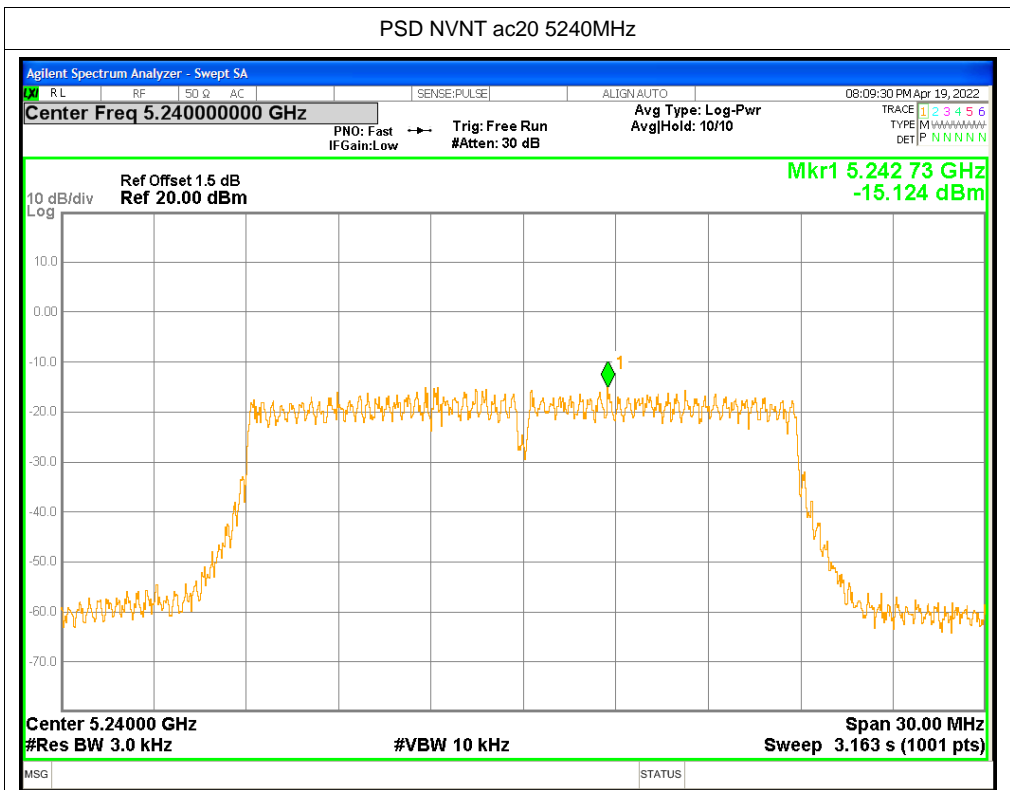
PSD NVNT n40 5190MHz



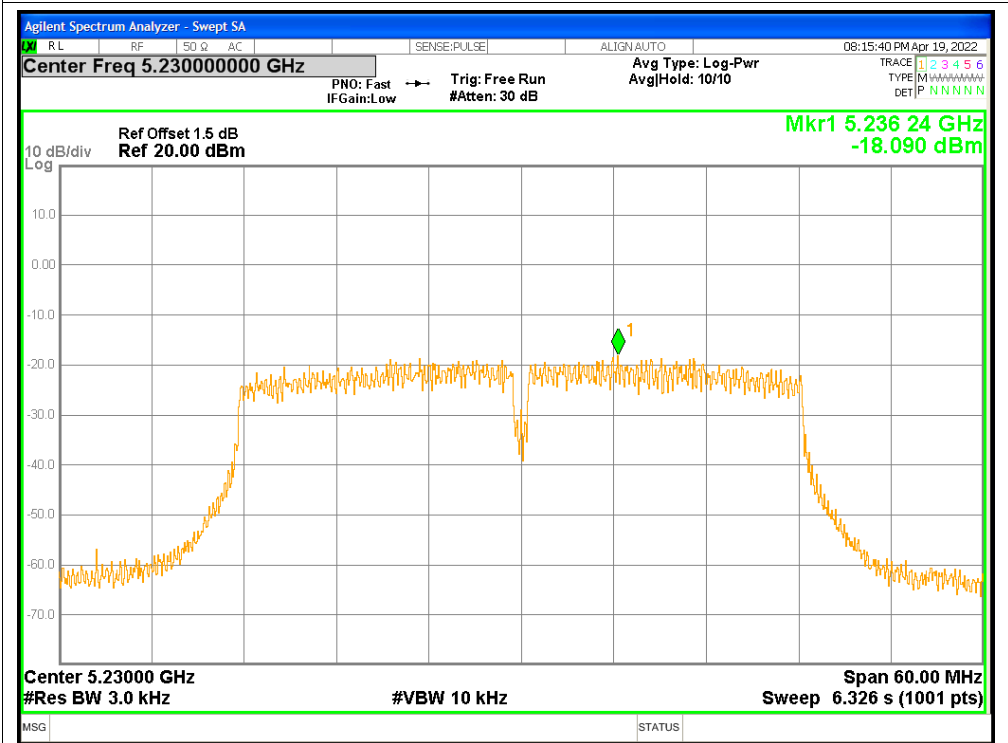
PSD NVNT n40 5230MHz



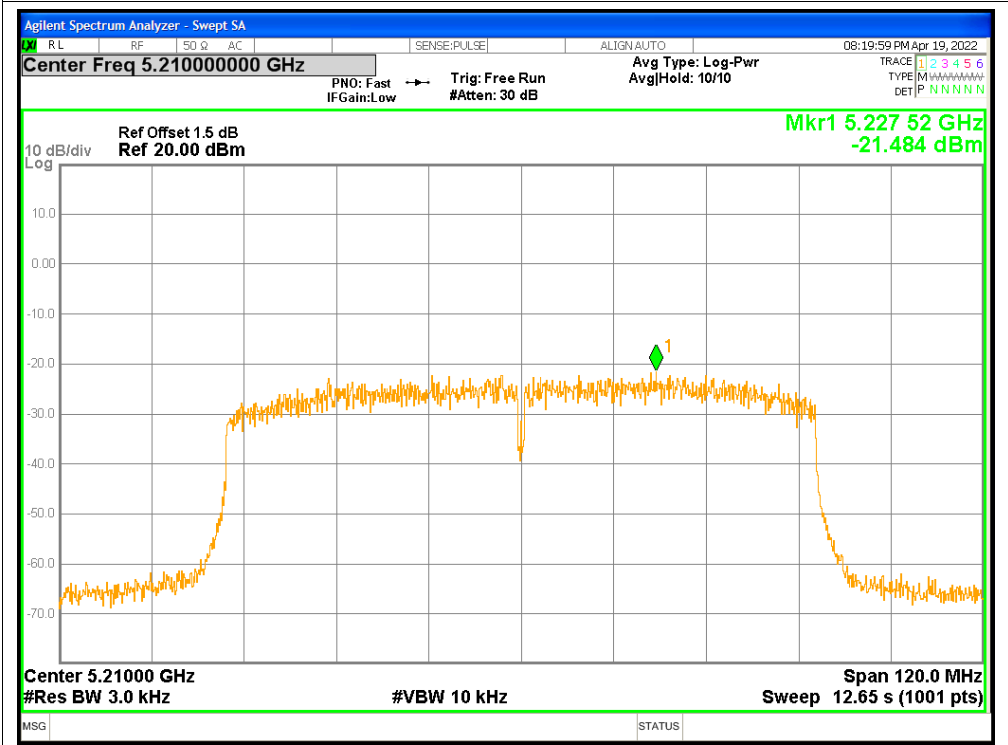




PSD NVNT ac40 5230MHz



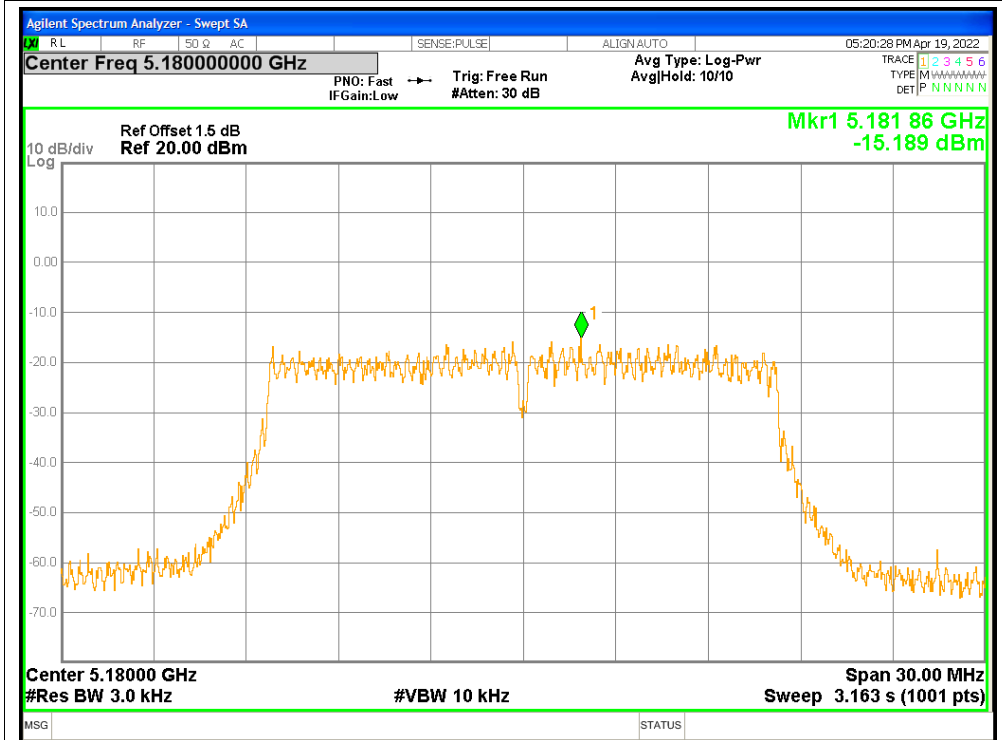
PSD NVNT ac80 5210MHz



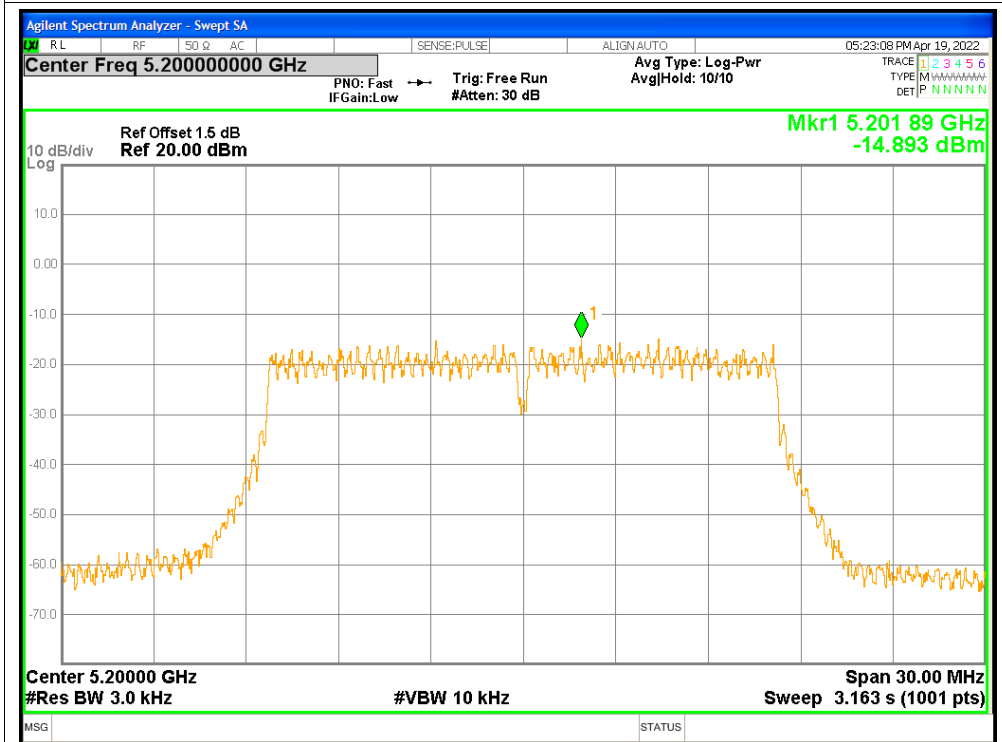
ANT B

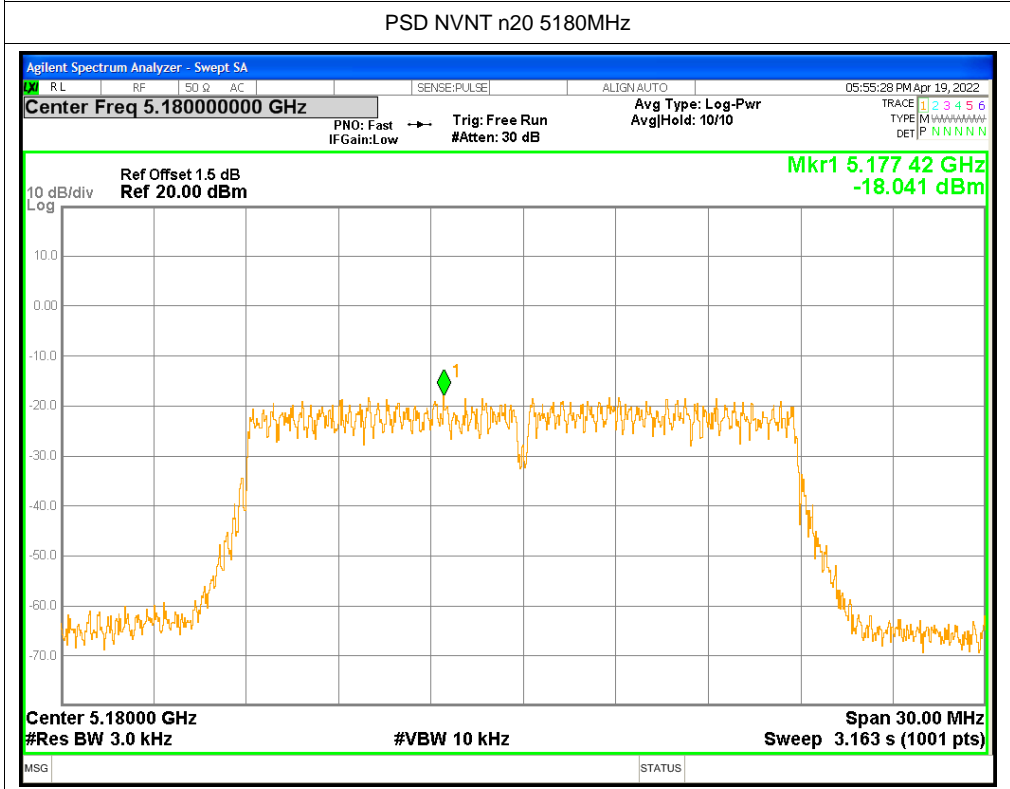
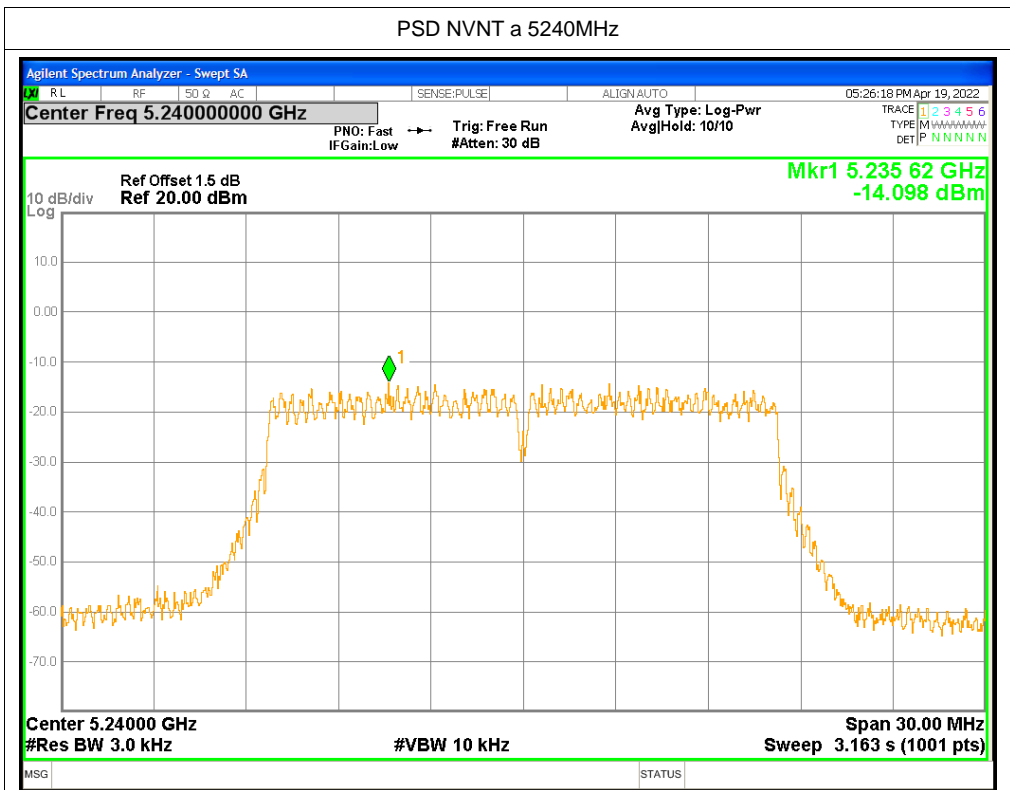
Test Graphs

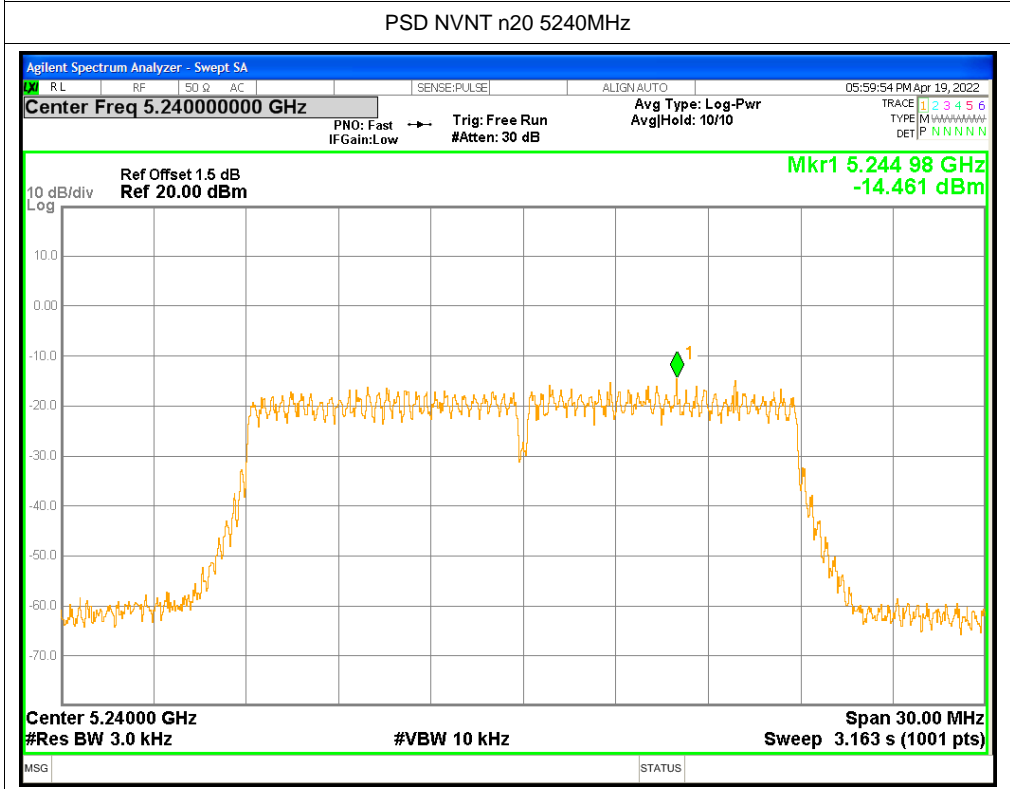
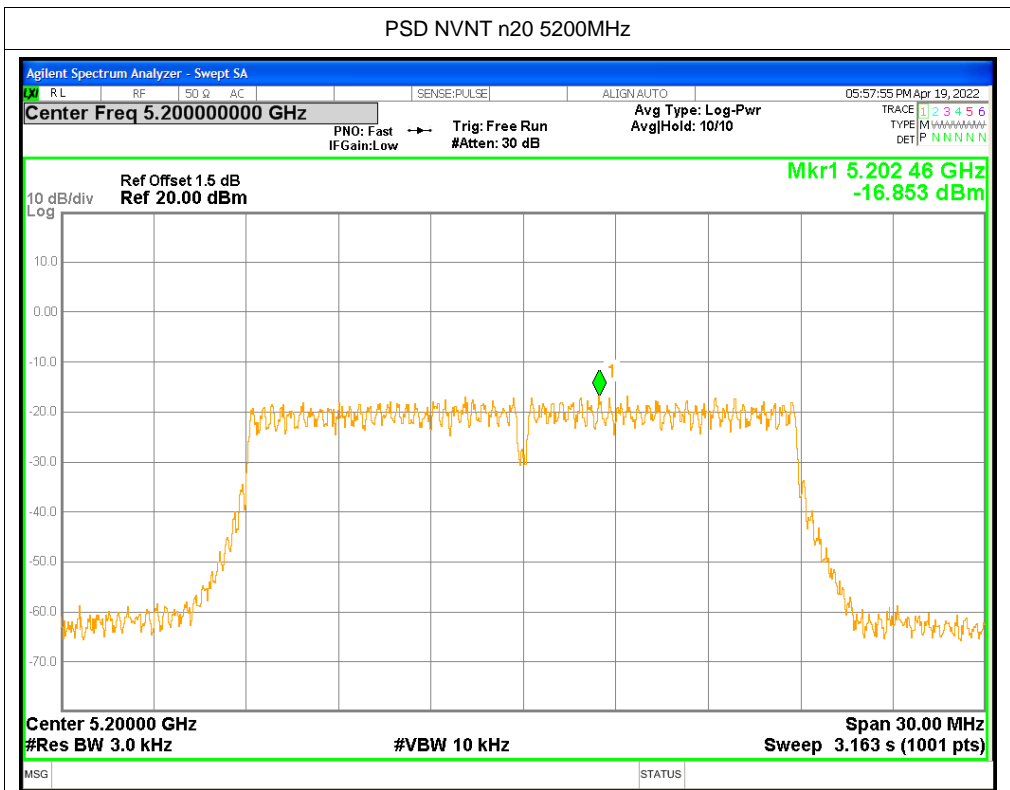
PSD NVNT a 5180MHz



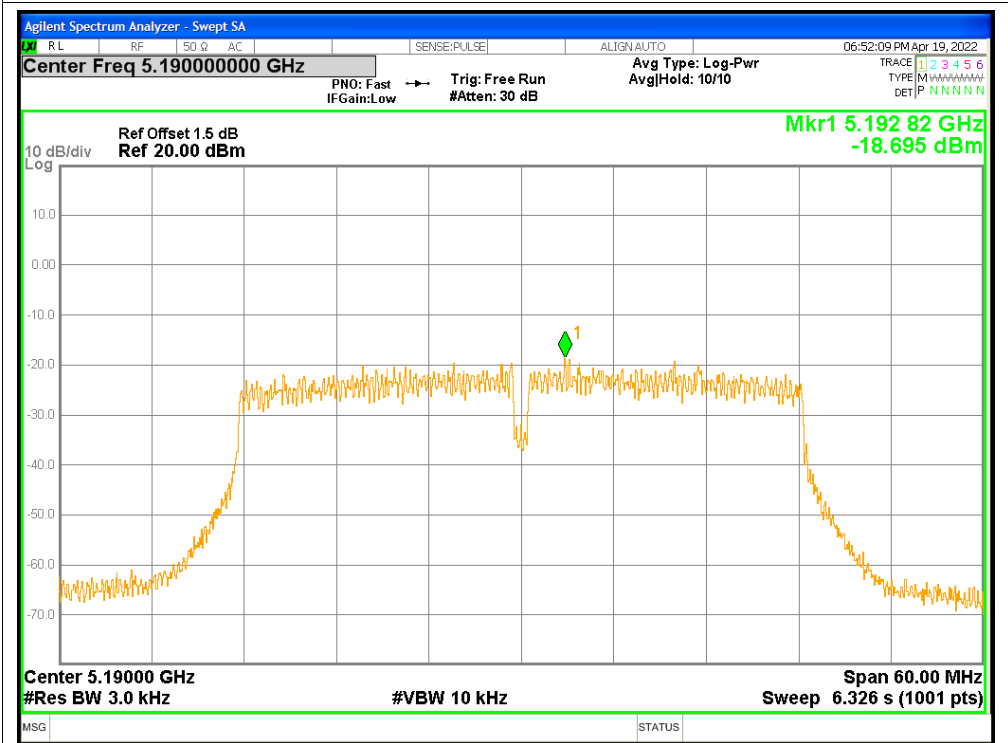
PSD NVNT a 5200MHz



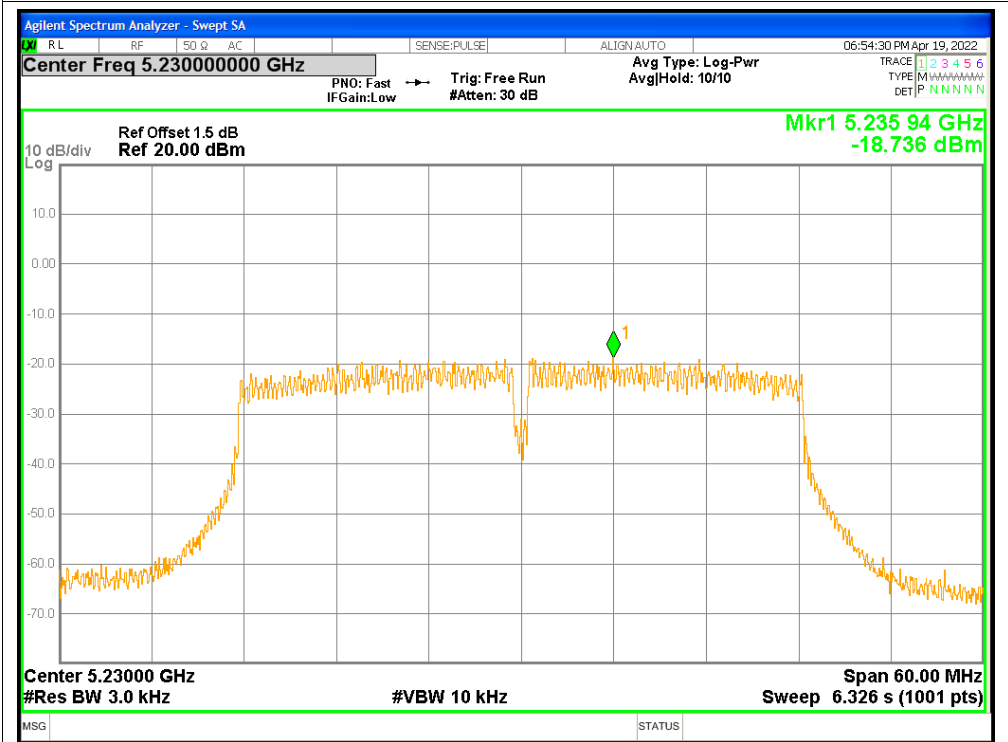


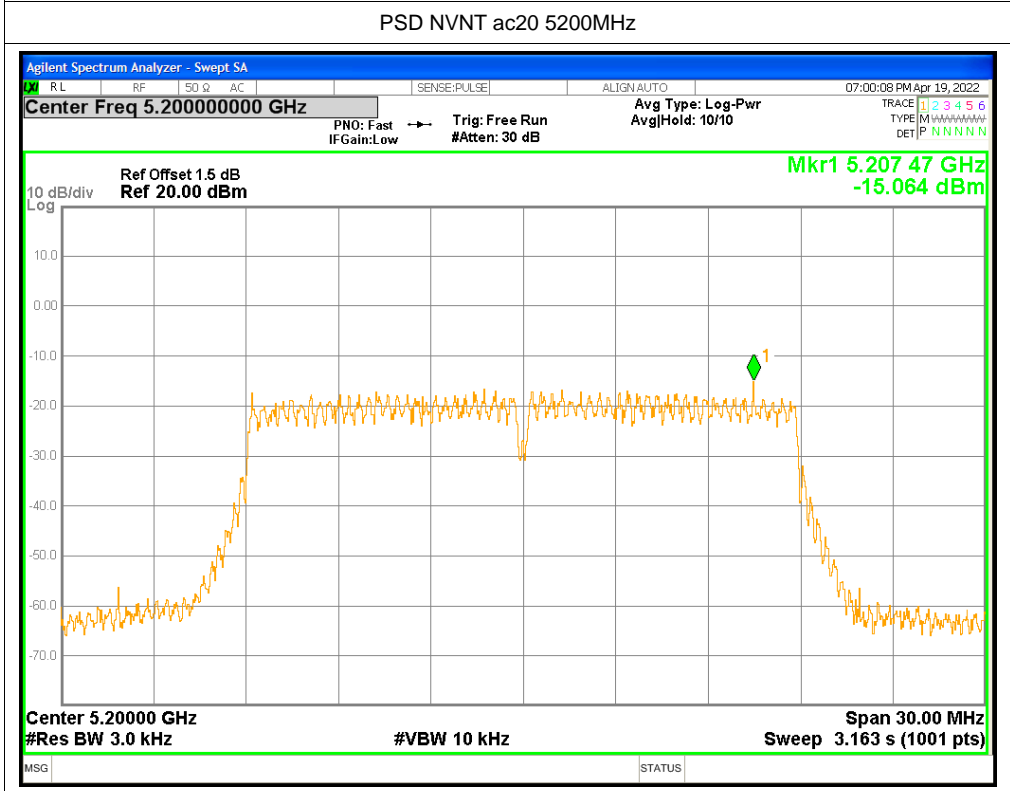
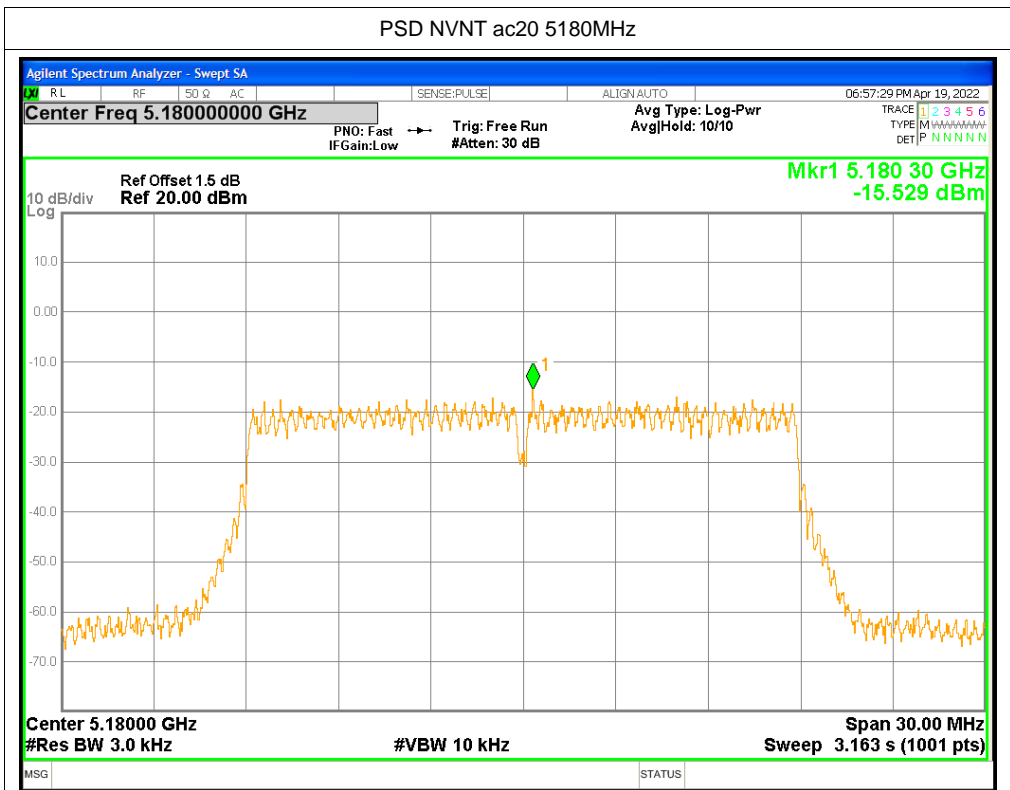


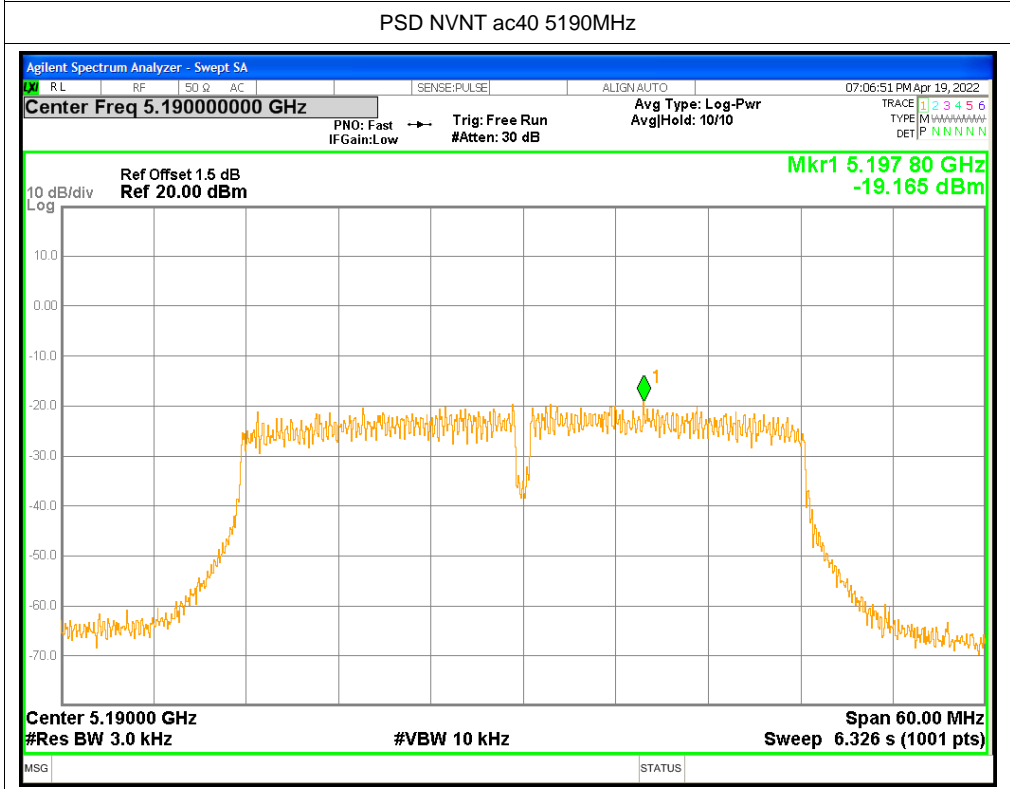
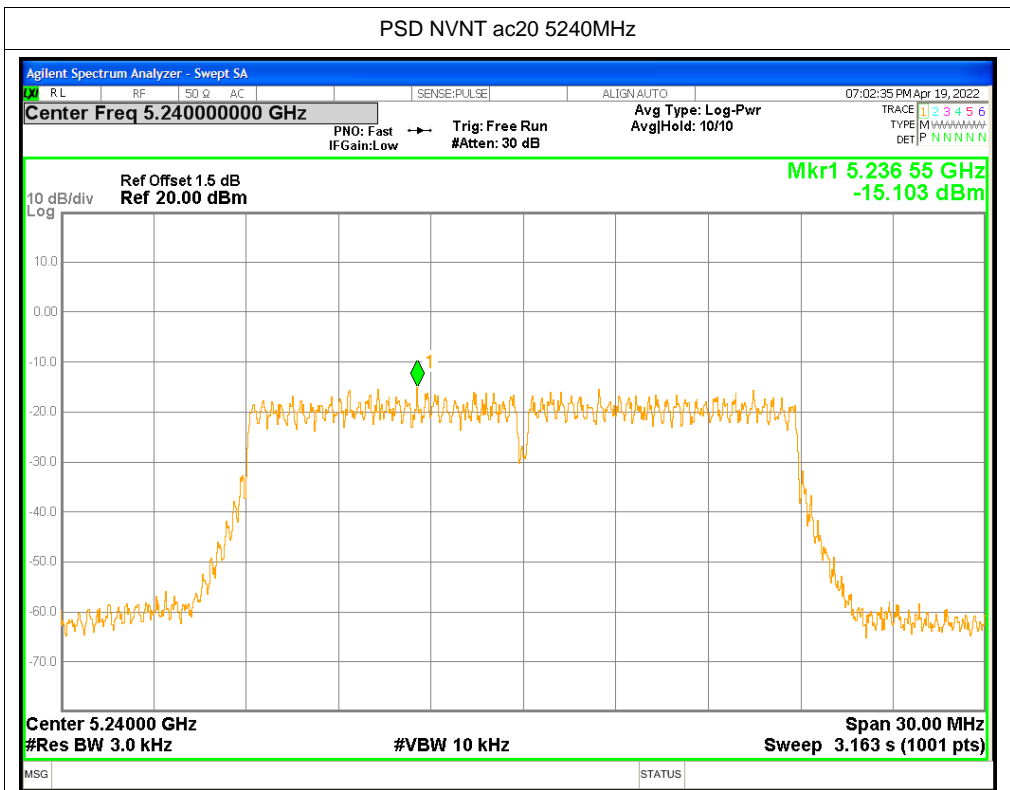
PSD NVNT n40 5190MHz



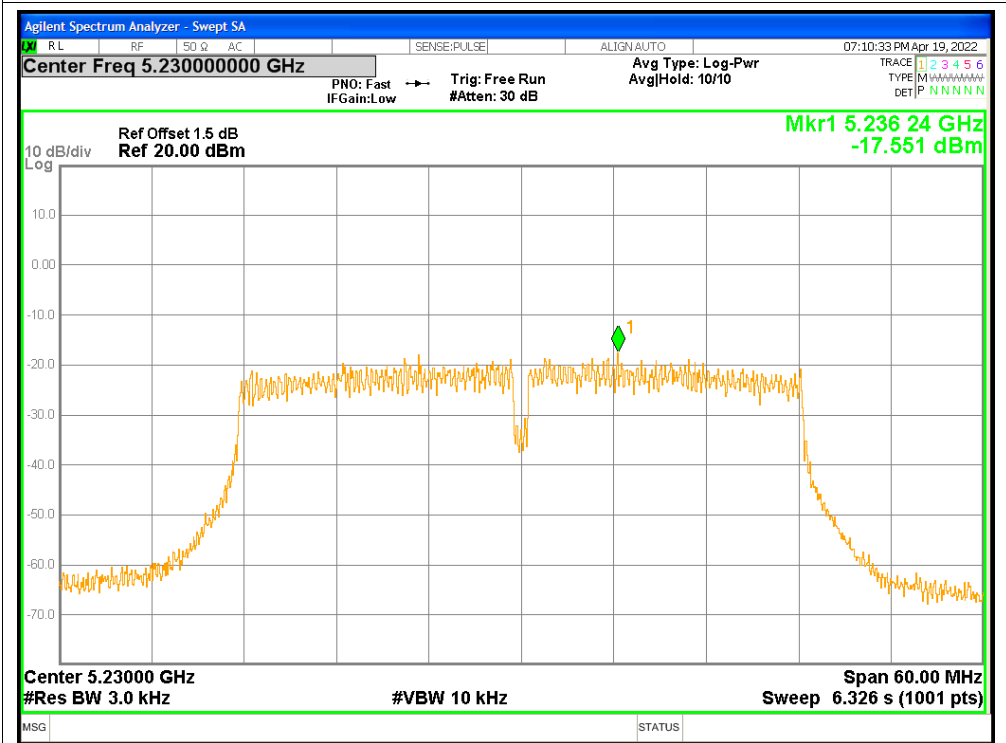
PSD NVNT n40 5230MHz







PSD NVNT ac40 5230MHz



PSD NVNT ac80 5210MHz

