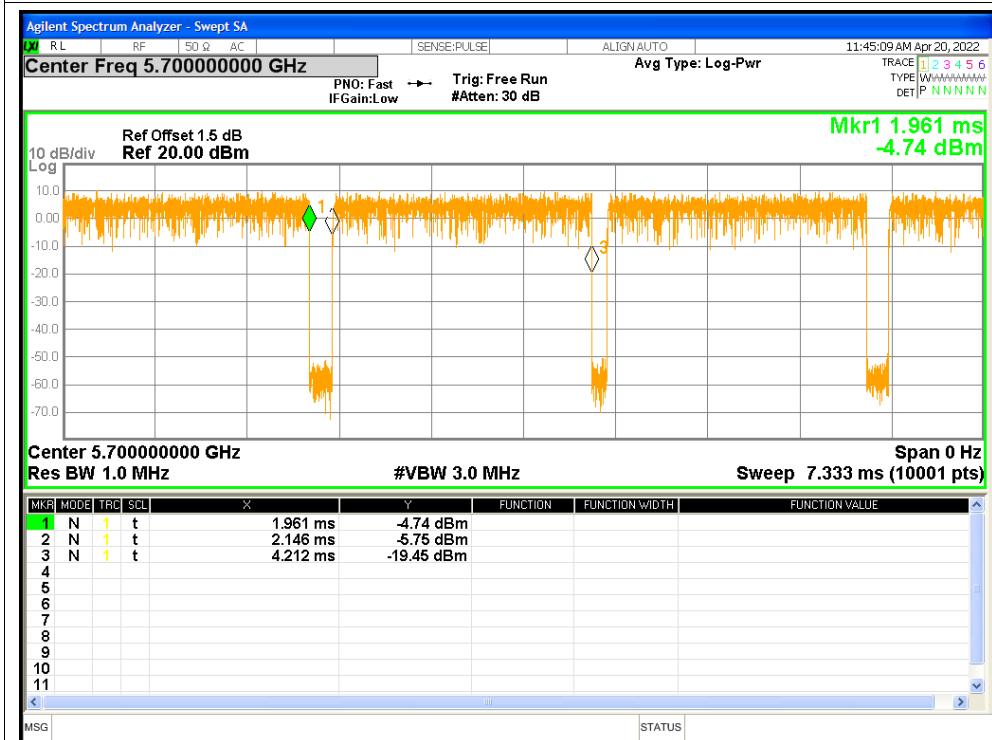


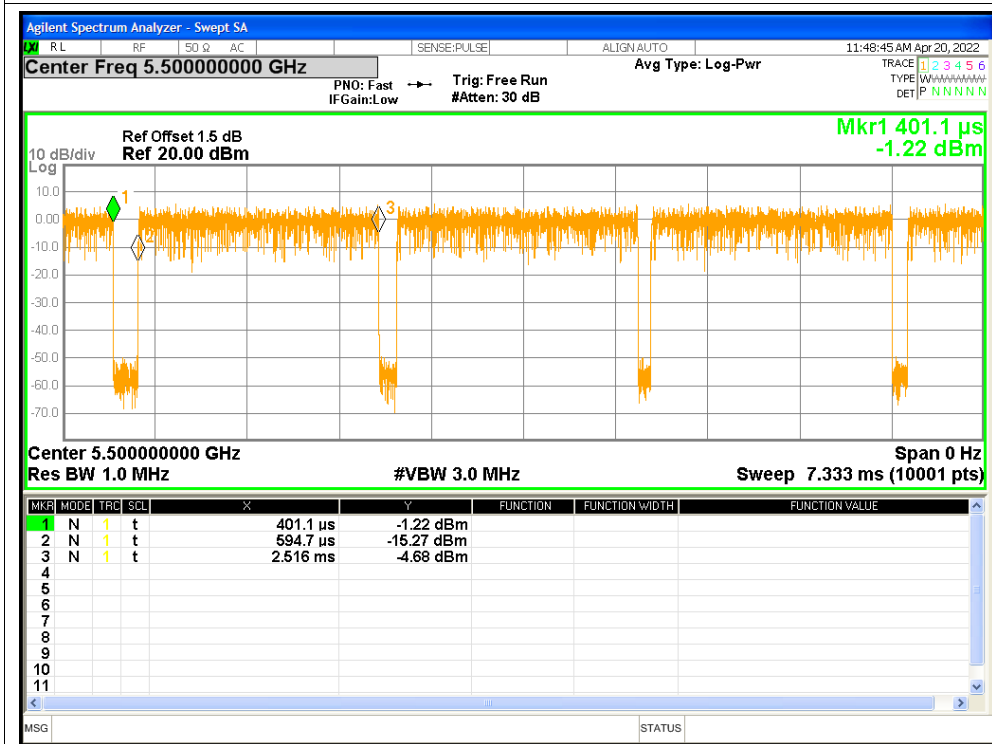
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	93.31	0.3	0.48
NVNT	a	5580	93.68	0.28	0.48
NVNT	a	5700	91.79	0.37	0.48
NVNT	n20	5500	90.85	0.42	0.52
NVNT	n20	5580	90.1	0.45	0.52
NVNT	n20	5700	92.84	0.32	0.52
NVNT	n40	5510	81.69	0.88	1.06
NVNT	n40	5550	87.11	0.6	1.06
NVNT	n40	5670	83.72	0.77	1.06
NVNT	ac20	5500	91.02	0.41	0.52
NVNT	ac20	5580	93.02	0.31	0.52
NVNT	ac20	5700	92.59	0.33	0.52
NVNT	ac40	5510	88.99	0.51	1.05
NVNT	ac40	5550	81.54	0.89	1.05
NVNT	ac40	5670	82.1	0.86	1.05
NVNT	ac80	5530	64.59	1.9	2.17
NVNT	ac80	5610	75.12	1.24	2.16

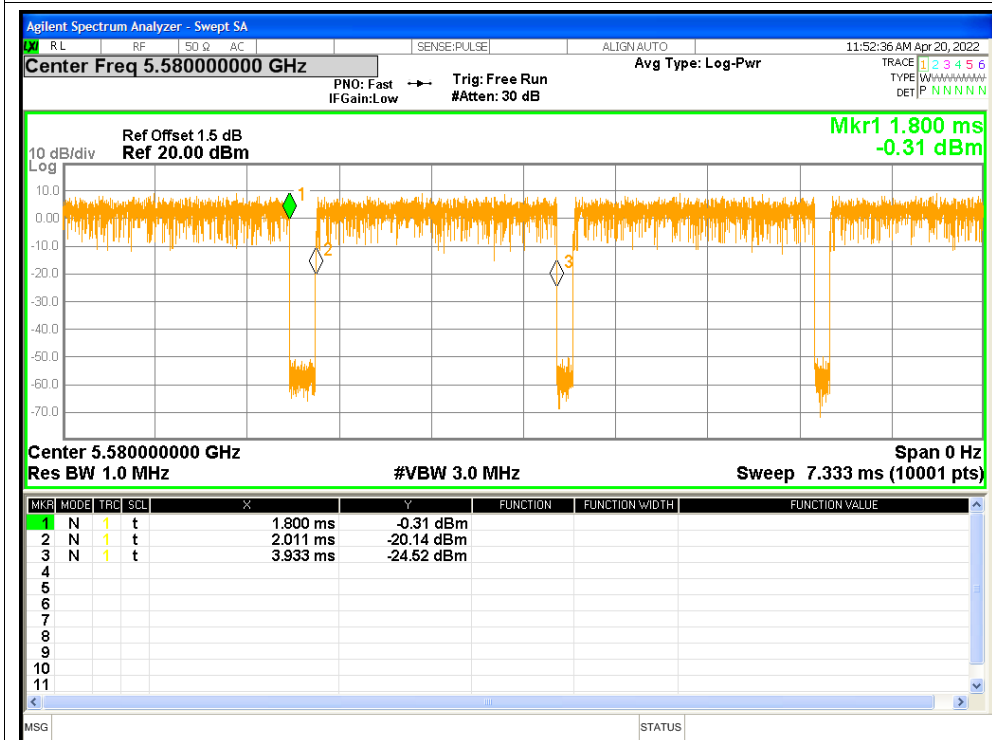
Duty Cycle NVNT a 5700MHz



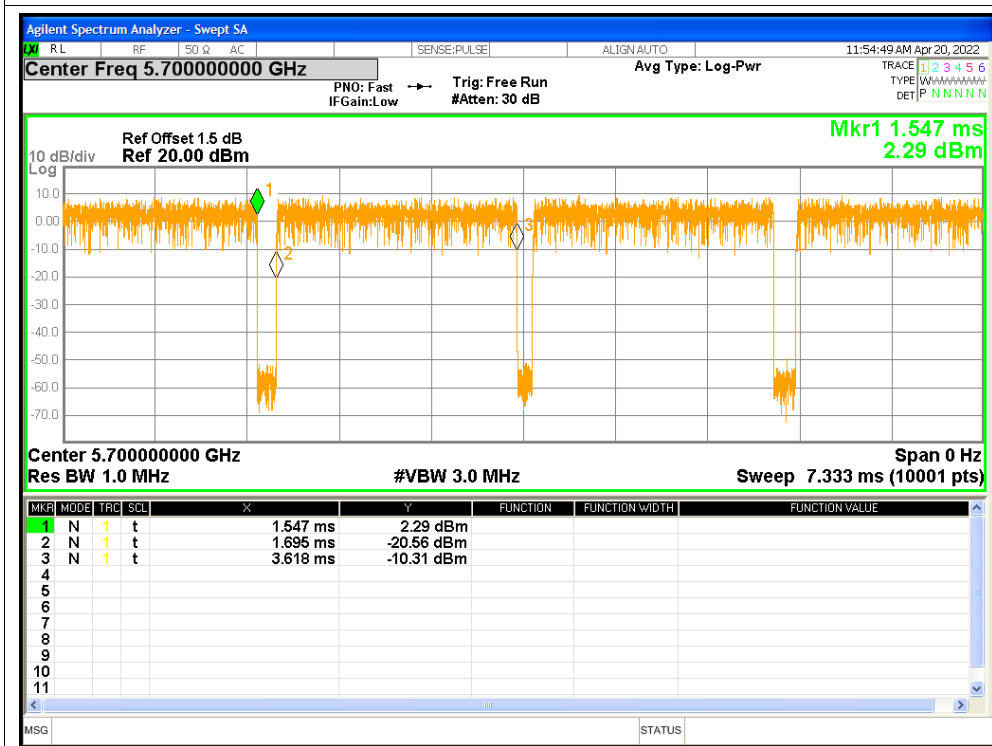
Duty Cycle NVNT n20 5500MHz



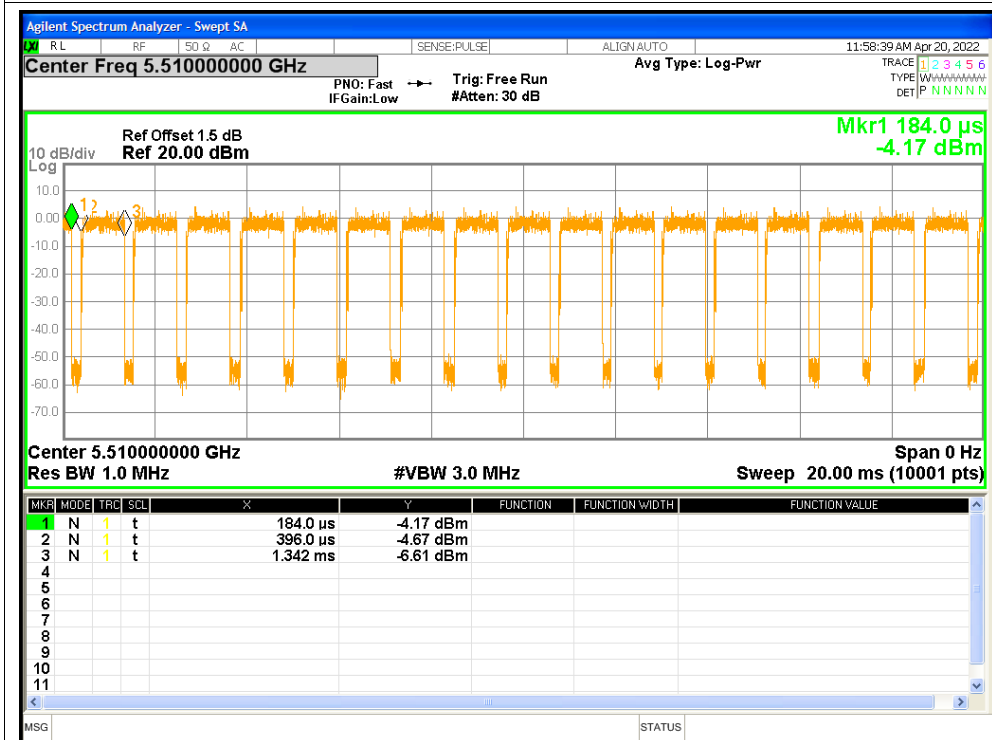
Duty Cycle NVNT n20 5580MHz



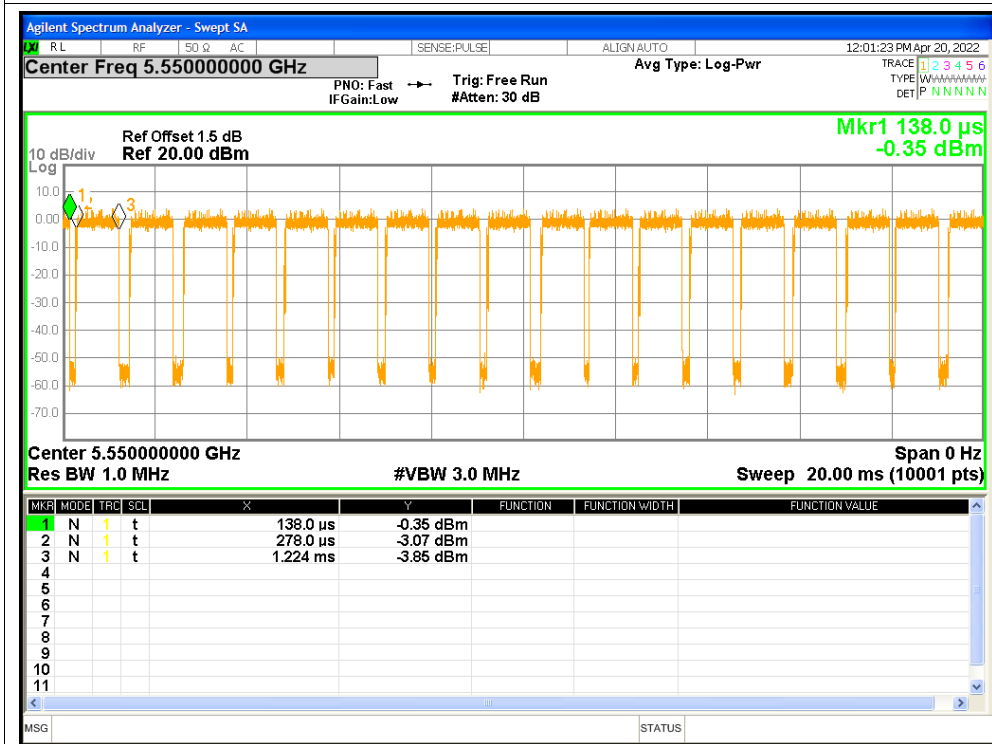
Duty Cycle NVNT n20 5700MHz



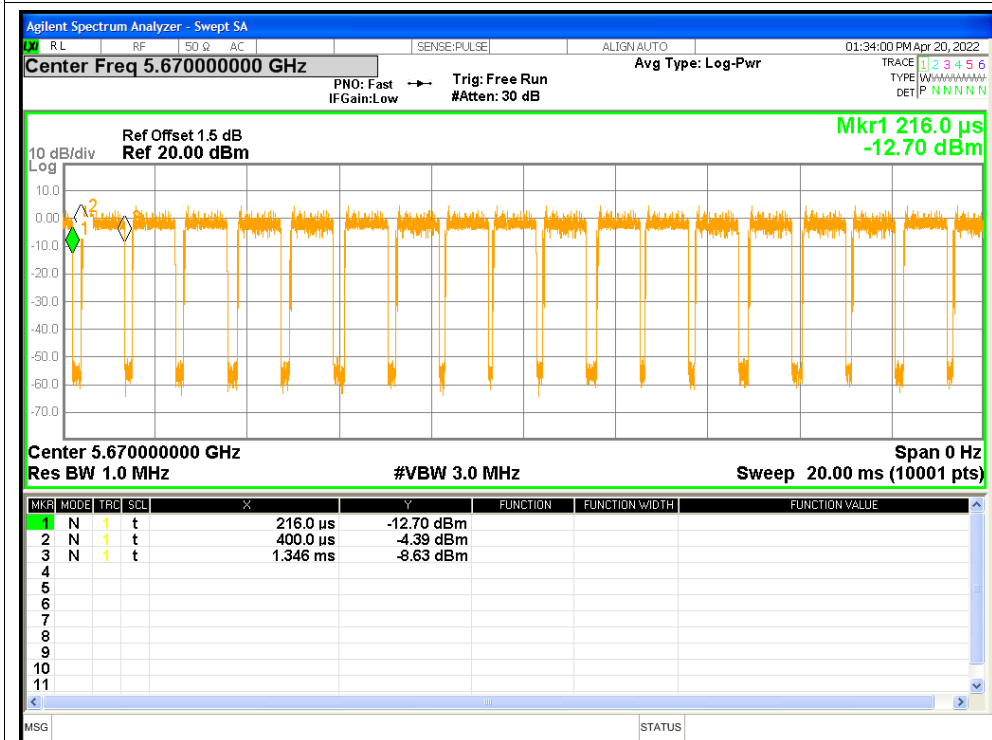
Duty Cycle NVNT n40 5510MHz



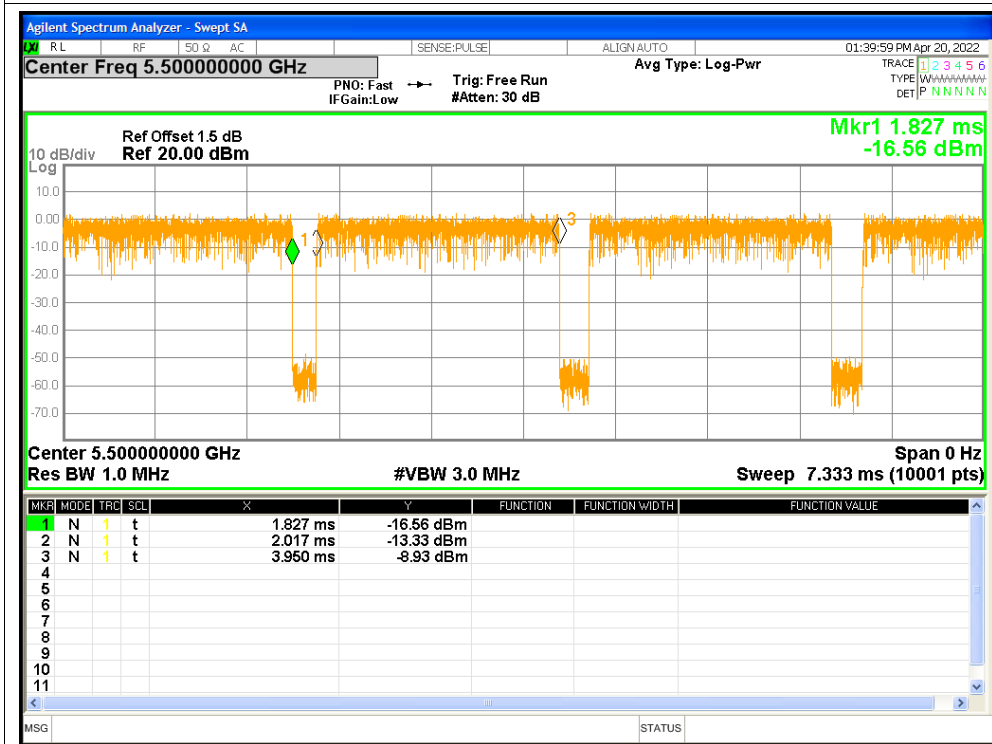
Duty Cycle NVNT n40 5550MHz



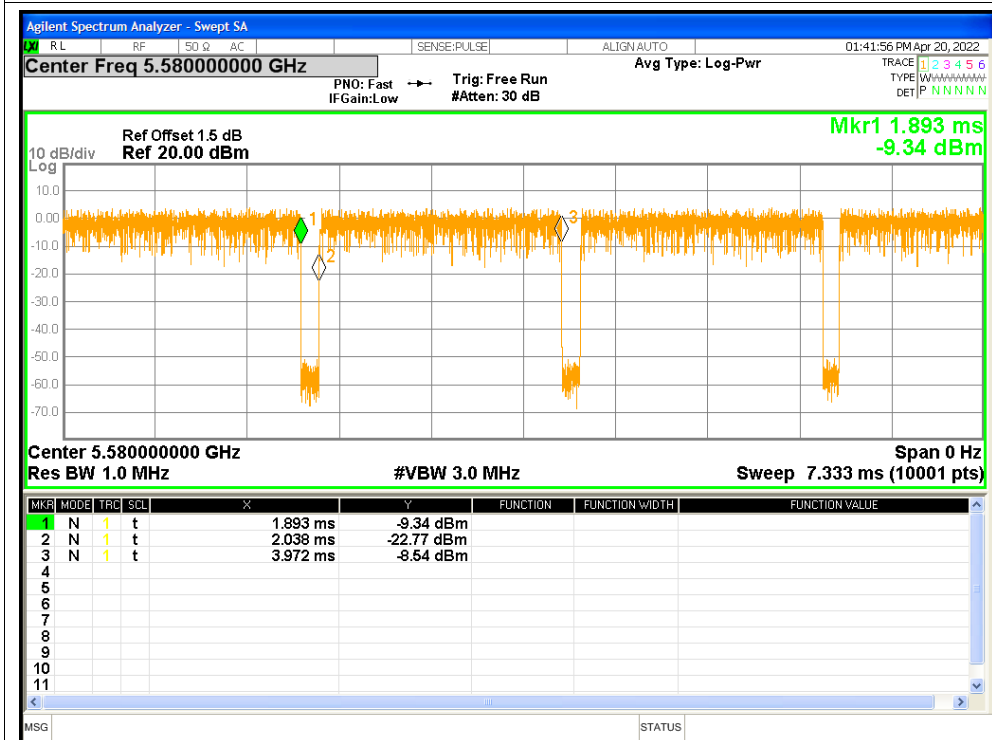
Duty Cycle NVNT n40 5670MHz



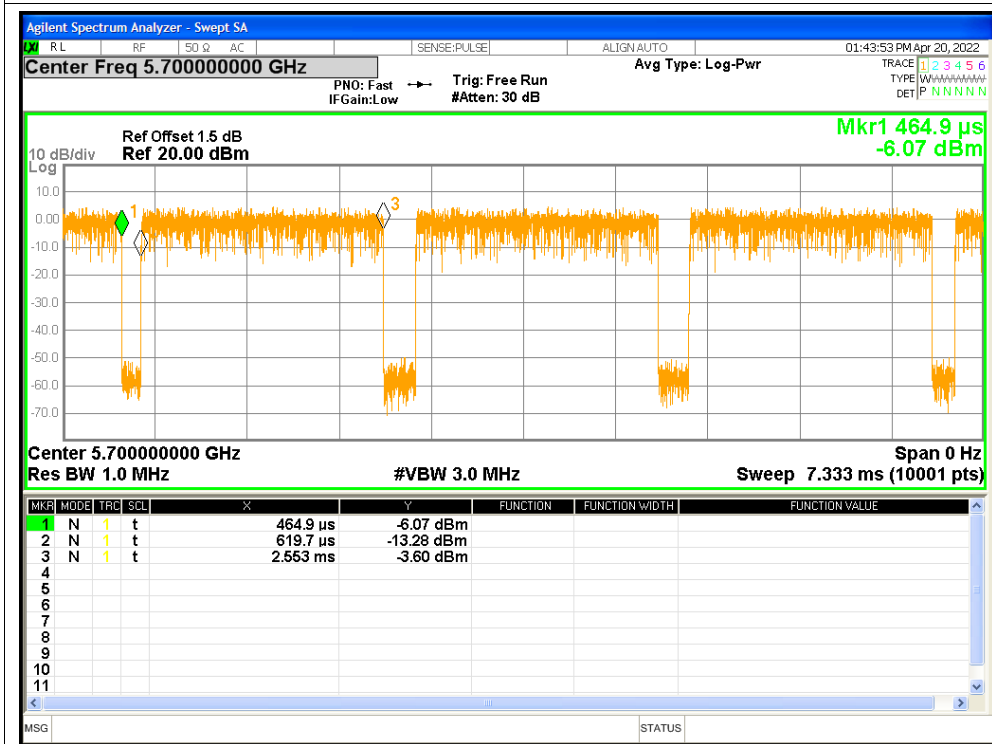
Duty Cycle NVNT ac20 5500MHz



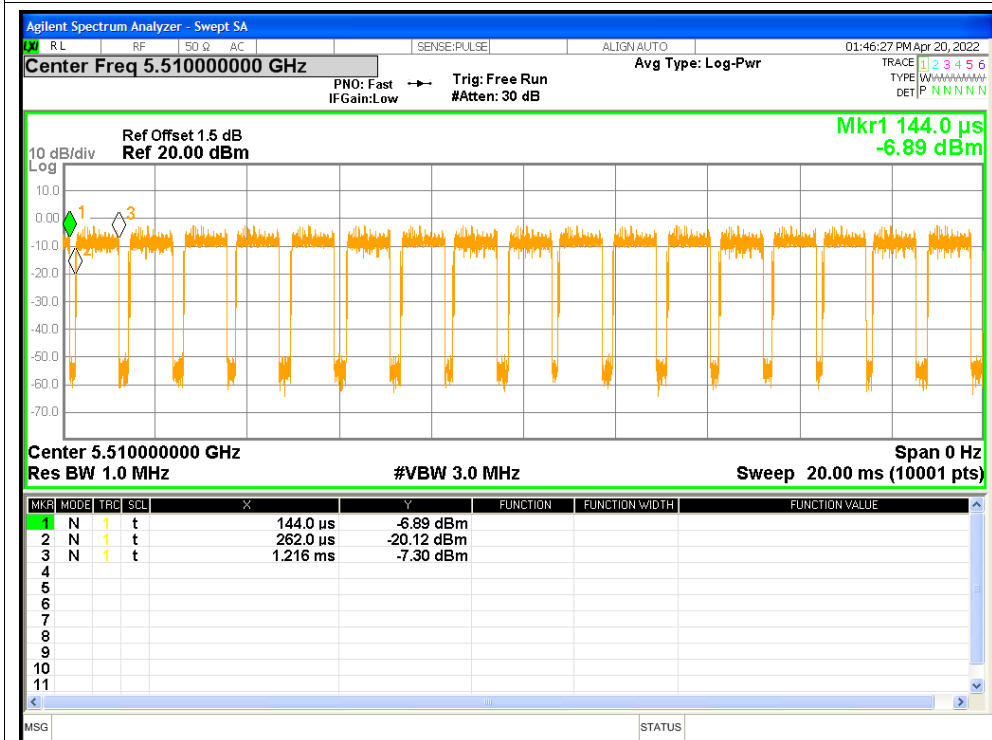
Duty Cycle NVNT ac20 5580MHz



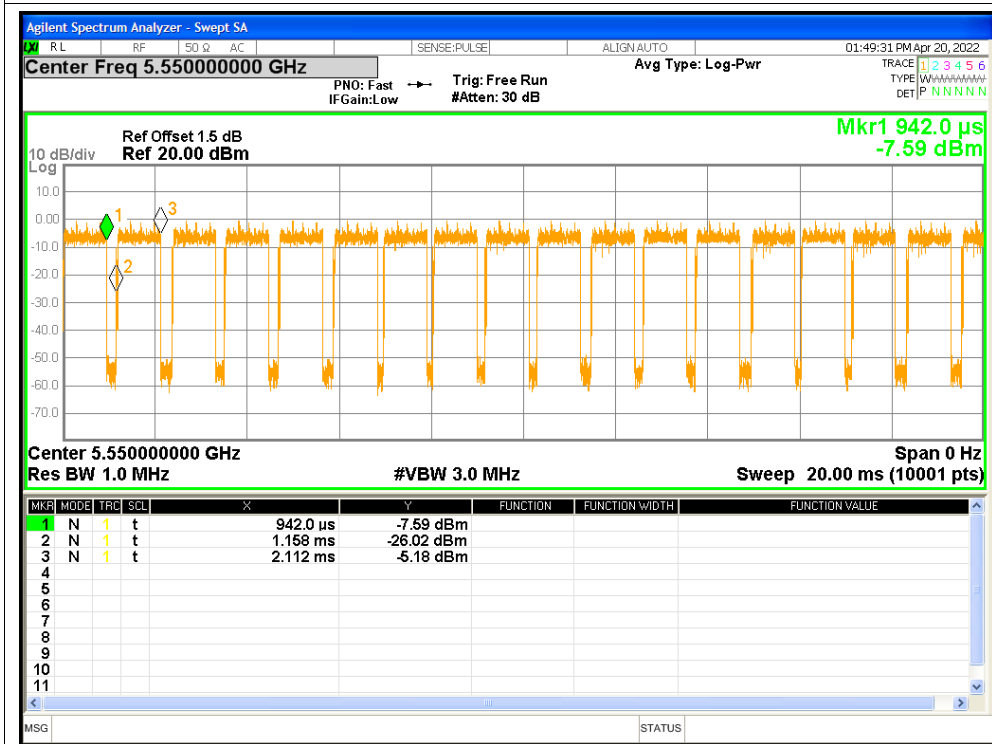
Duty Cycle NVNT ac20 5700MHz



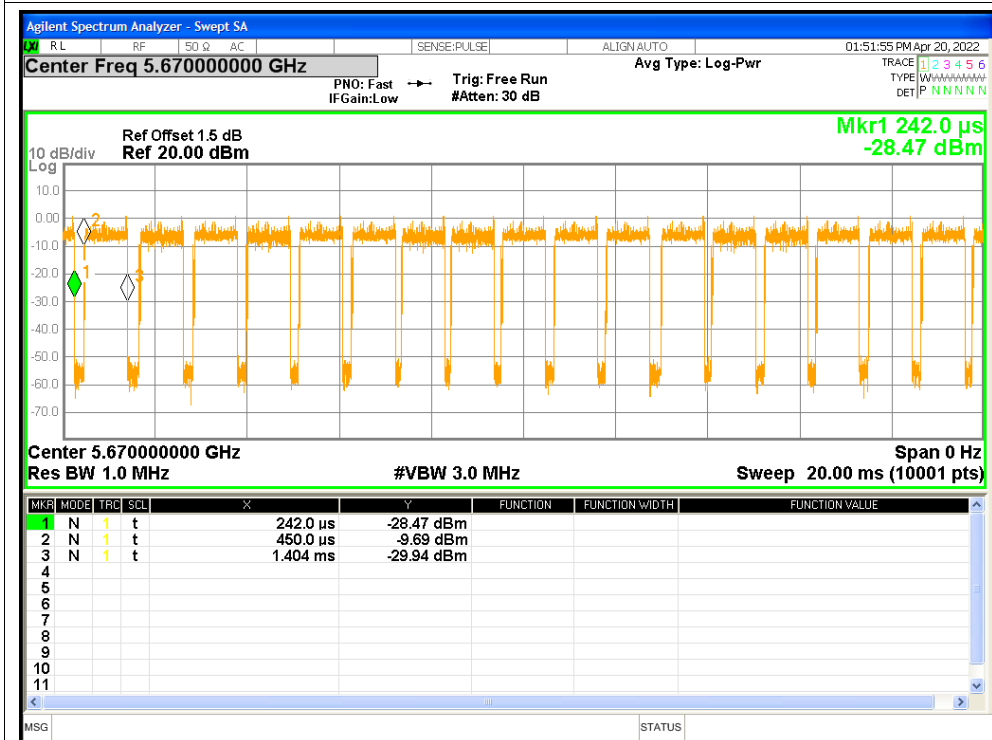
Duty Cycle NVNT ac40 5510MHz



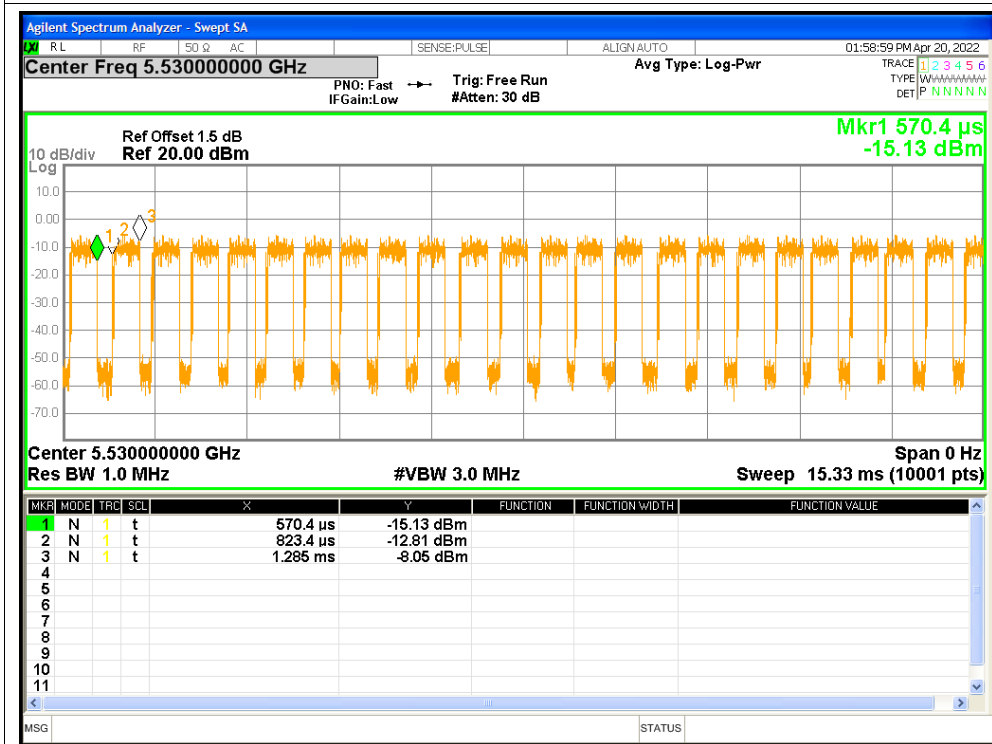
Duty Cycle NVNT ac40 5550MHz



Duty Cycle NVNT ac40 5670MHz



Duty Cycle NVNT ac80 5530MHz



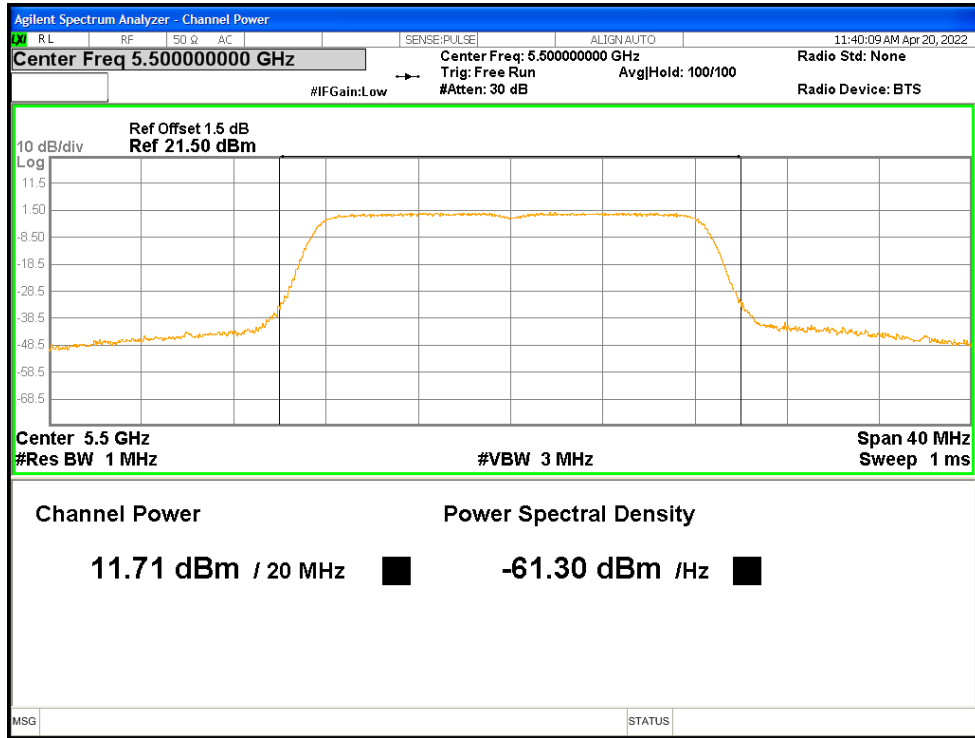
Maximum Average Conducted Output Power

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								
100	5500	11.71	10.78	0.300	12.01	11.08	--	23.98
116	5580	14.30	13.97	0.280	14.58	14.25	--	23.98
140	5700	14.74	13.70	0.370	15.11	14.07	--	23.98
802.11n(HT20)								
100	5500	10.42	10.39	0.420	10.84	10.81	13.84	23.98
116	5580	13.48	13.07	0.450	13.93	13.52	16.74	23.98
140	5700	13.95	12.72	0.320	14.27	13.04	16.71	23.98
802.11n(HT40)								
102	5510	12.89	10.06	0.880	13.77	10.94	15.59	23.98
110	5550	14.37	11.95	0.600	14.97	12.55	16.94	23.98
134	5670	12.66	12.11	0.770	13.43	12.88	16.17	23.98
802.11ac(VHT20)								
100	5500	10.82	7.70	0.410	11.23	8.11	12.95	23.98
116	5580	12.97	9.24	0.310	13.28	9.55	14.81	23.98
140	5700	12.75	9.78	0.330	13.08	10.11	14.85	23.98
802.11ac(VHT40)								
102	5510	9.95	6.79	0.510	10.46	7.30	12.17	23.98
110	5550	11.74	8.81	0.890	12.63	9.70	14.42	23.98
134	5670	12.05	8.94	0.860	12.91	9.80	14.64	23.98
802.11ac(VHT80)								
106	5530	10.73	7.60	1.900	12.63	9.50	14.35	23.98
122	5610	10.86	8.17	1.240	12.10	9.41	13.97	23.98

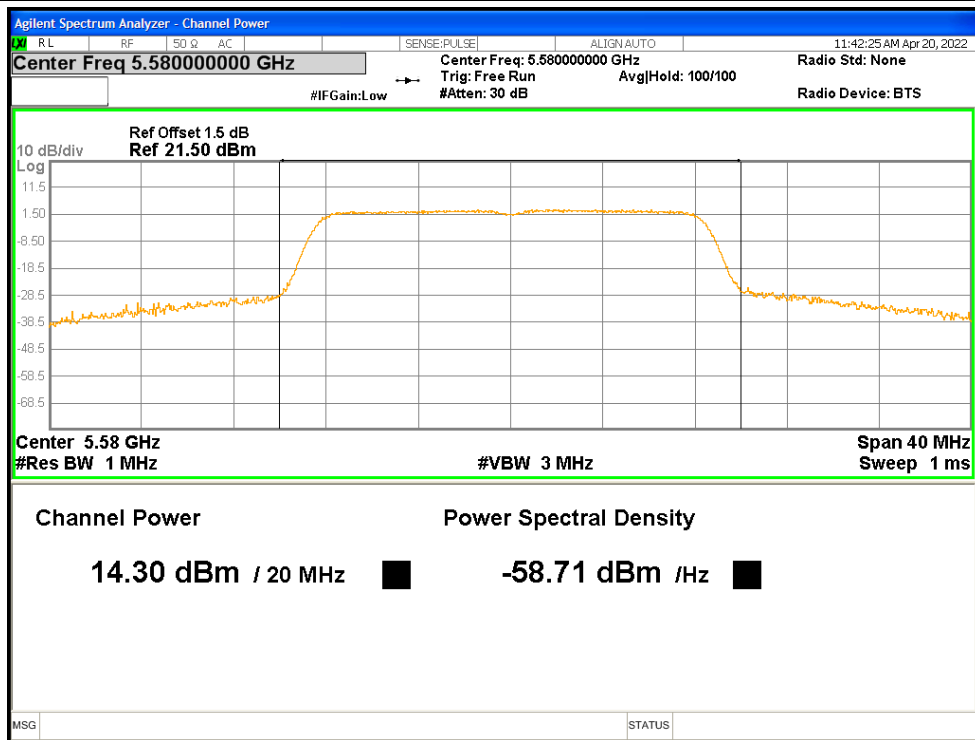
ANT A

Test Graphs

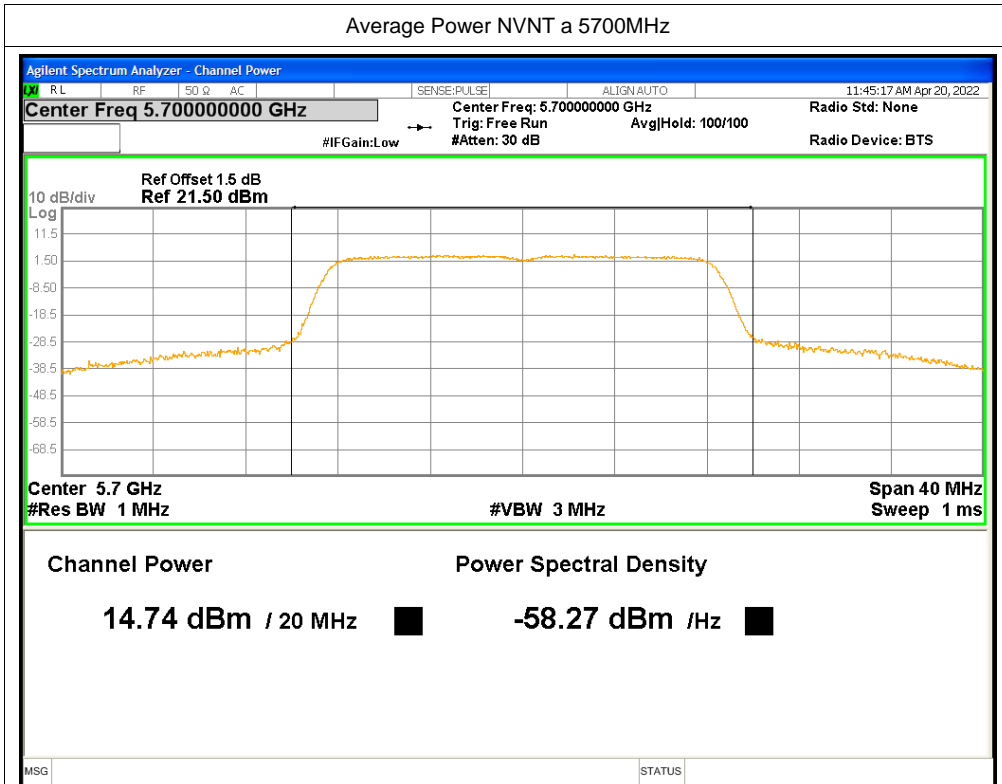
Average Power NVNT a 5500MHz



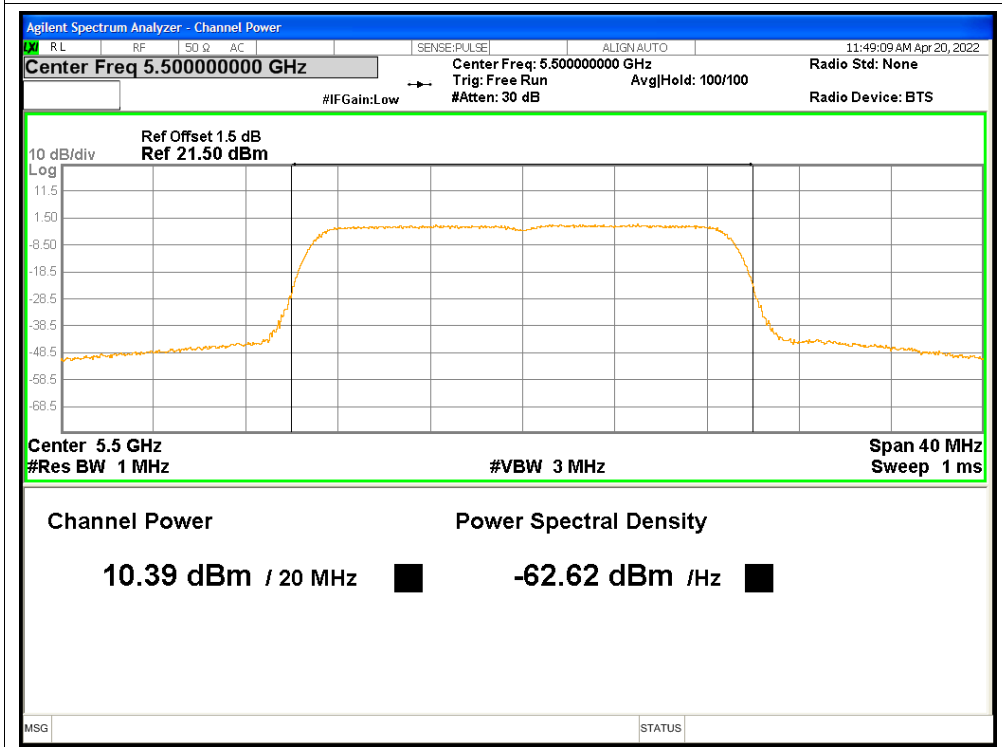
Average Power NVNT a 5580MHz



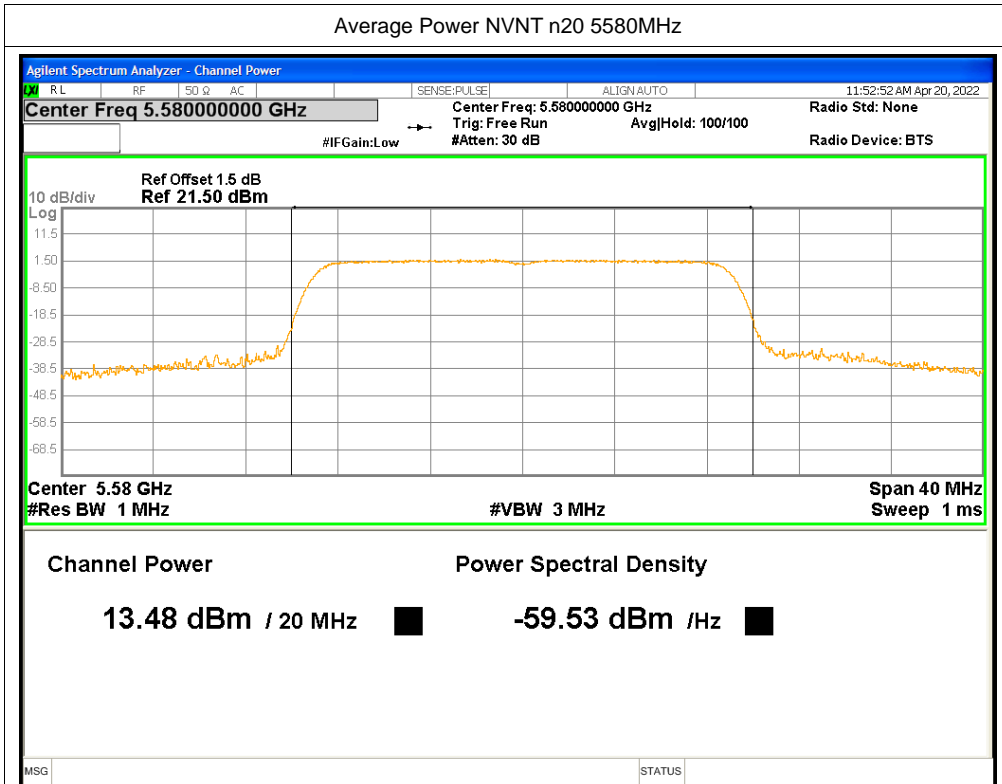
Average Power NVNT a 5700MHz



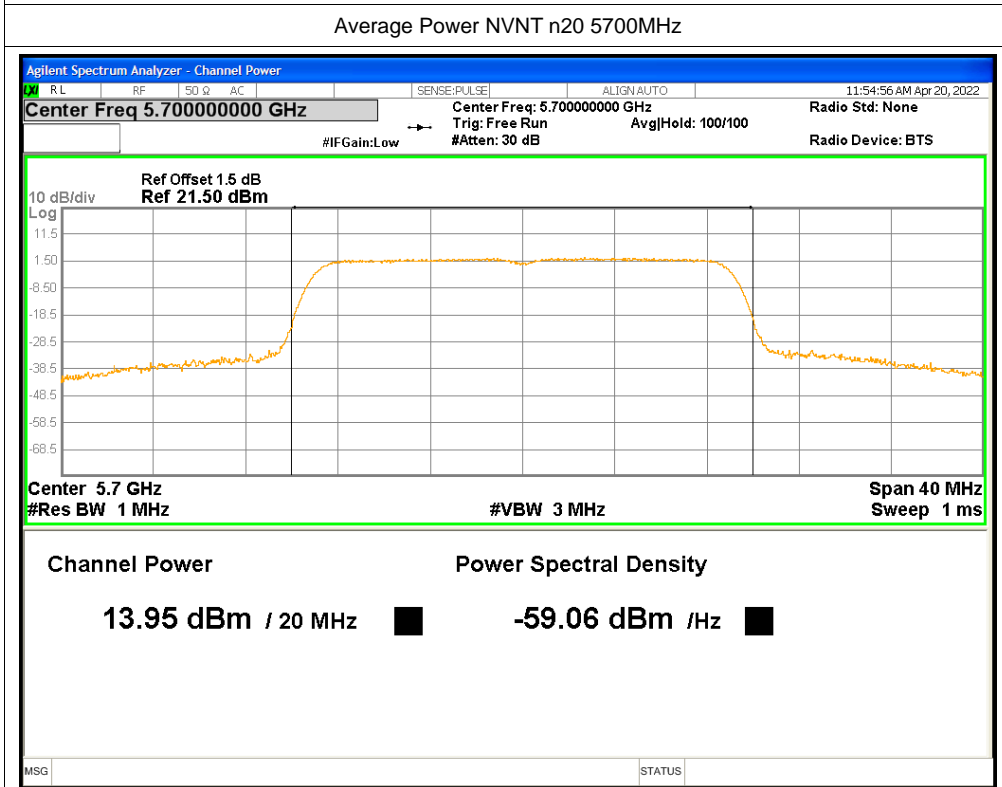
Average Power NVNT n20 5500MHz



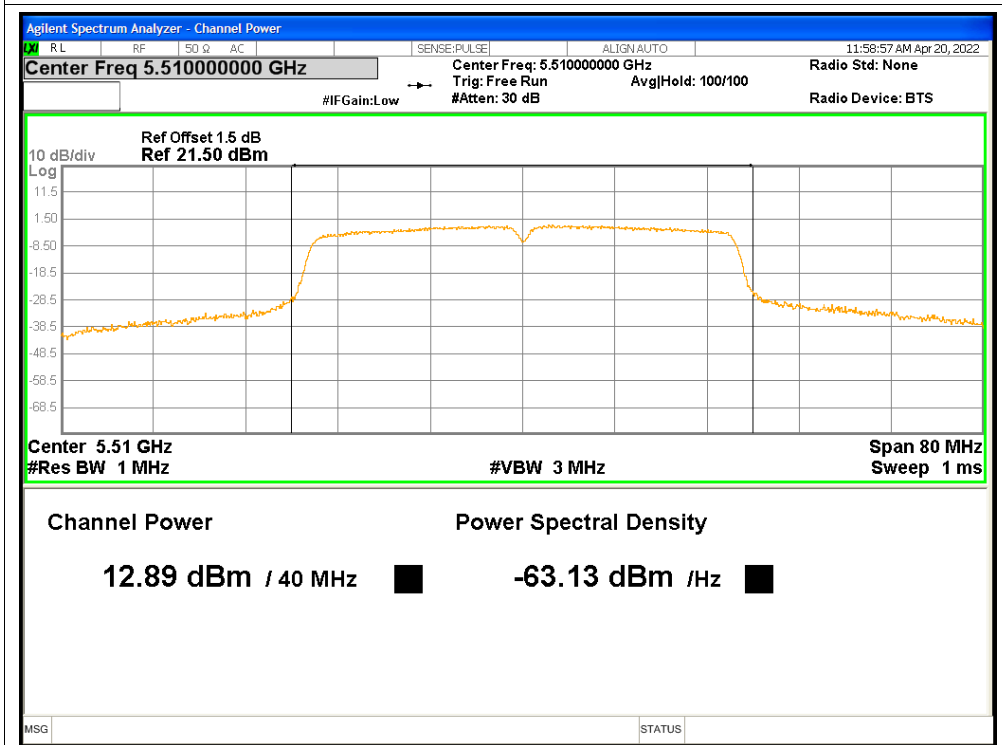
Average Power NVNT n20 5580MHz



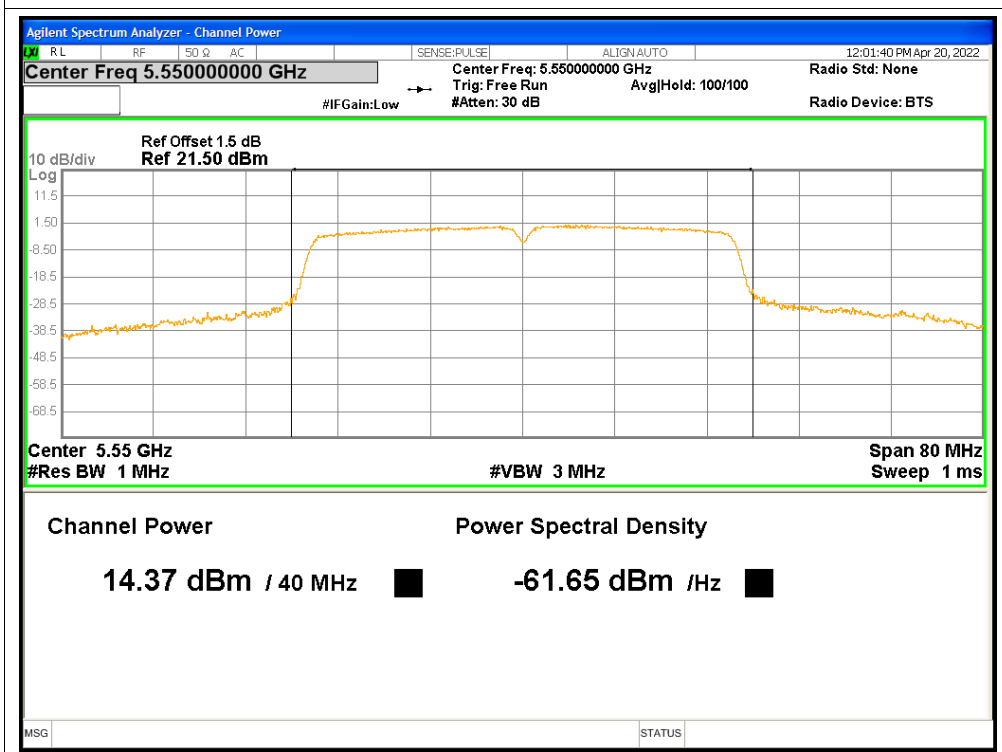
Average Power NVNT n20 5700MHz



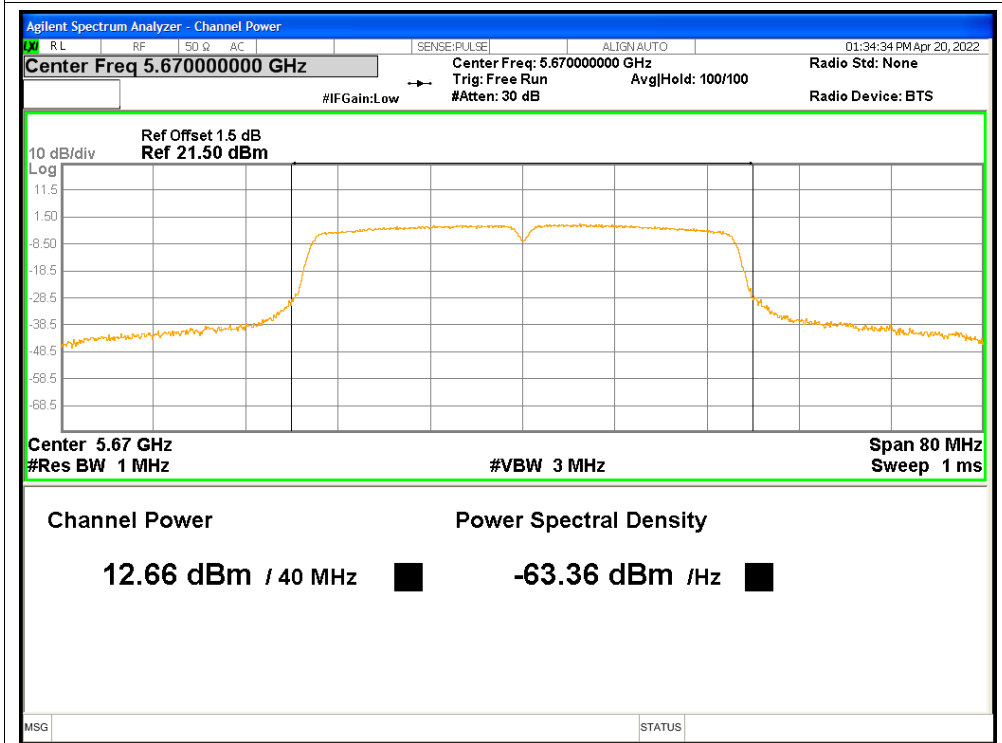
Average Power NVNT n40 5510MHz



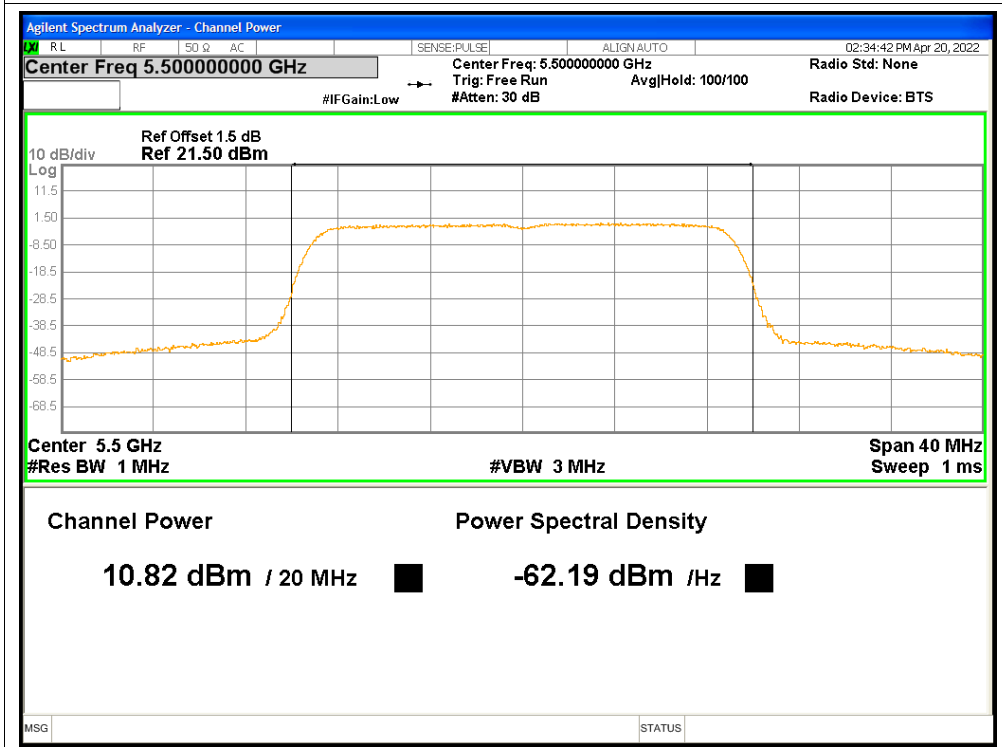
Average Power NVNT n40 5550MHz



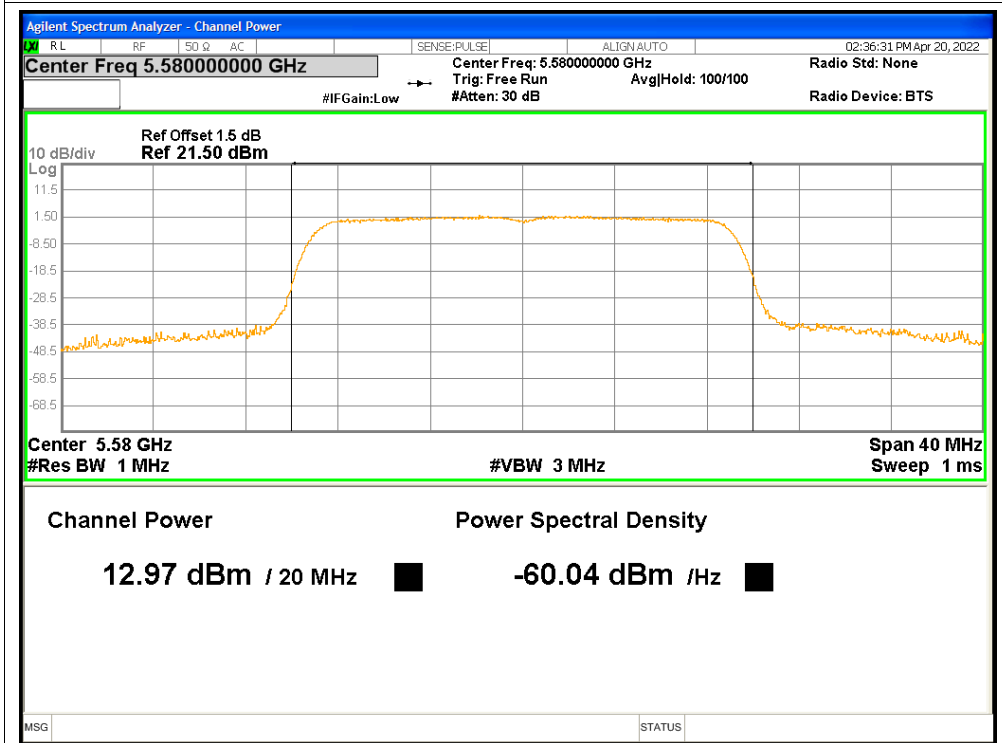
Average Power NVNT n40 5670MHz



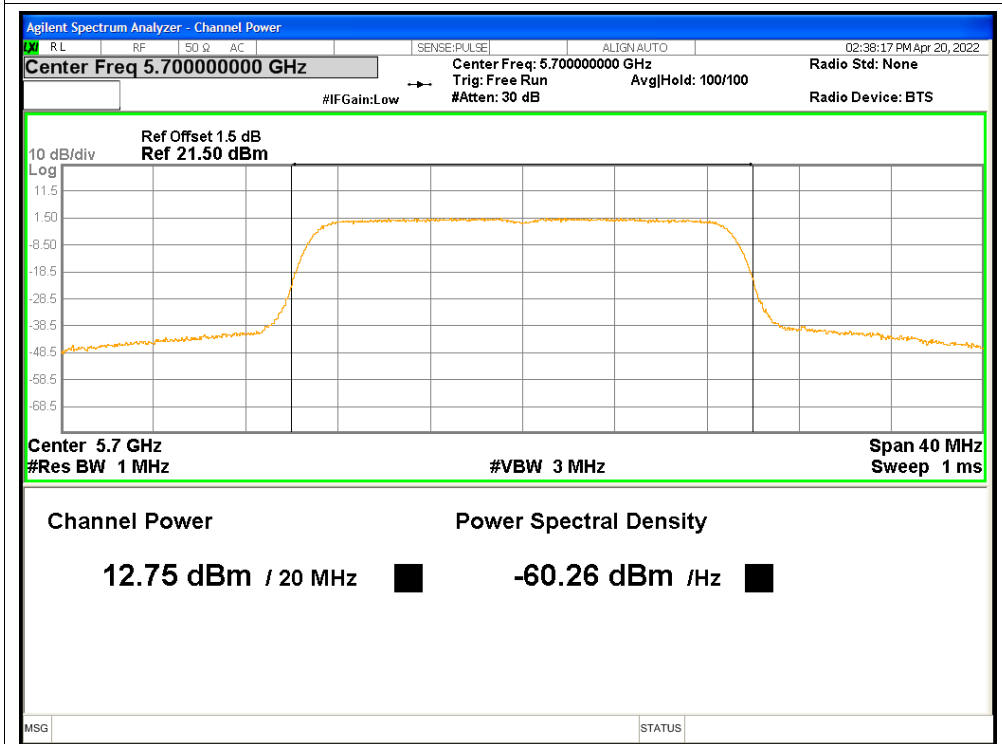
Average Power NVNT ac20 5500MHz



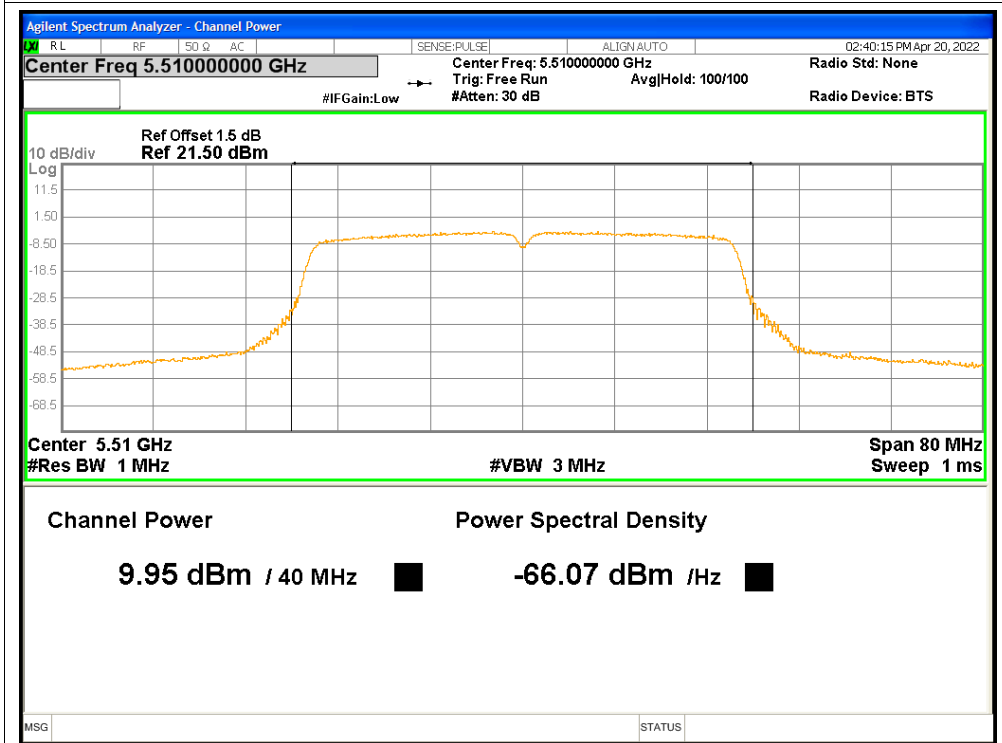
Average Power NVNT ac20 5580MHz



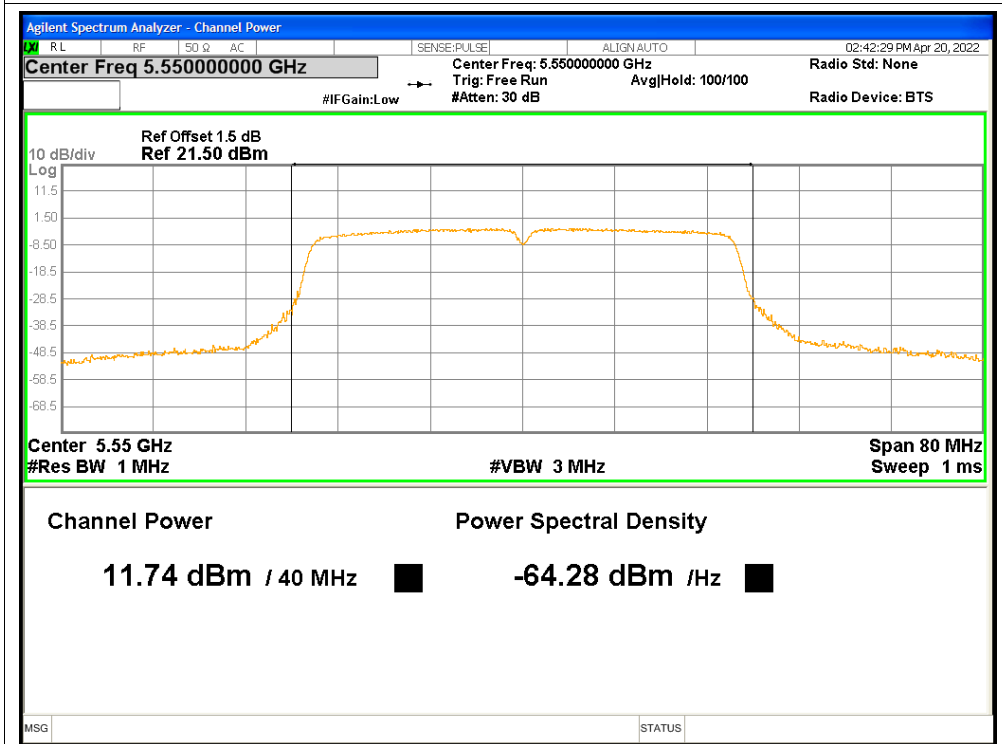
Average Power NVNT ac20 5700MHz



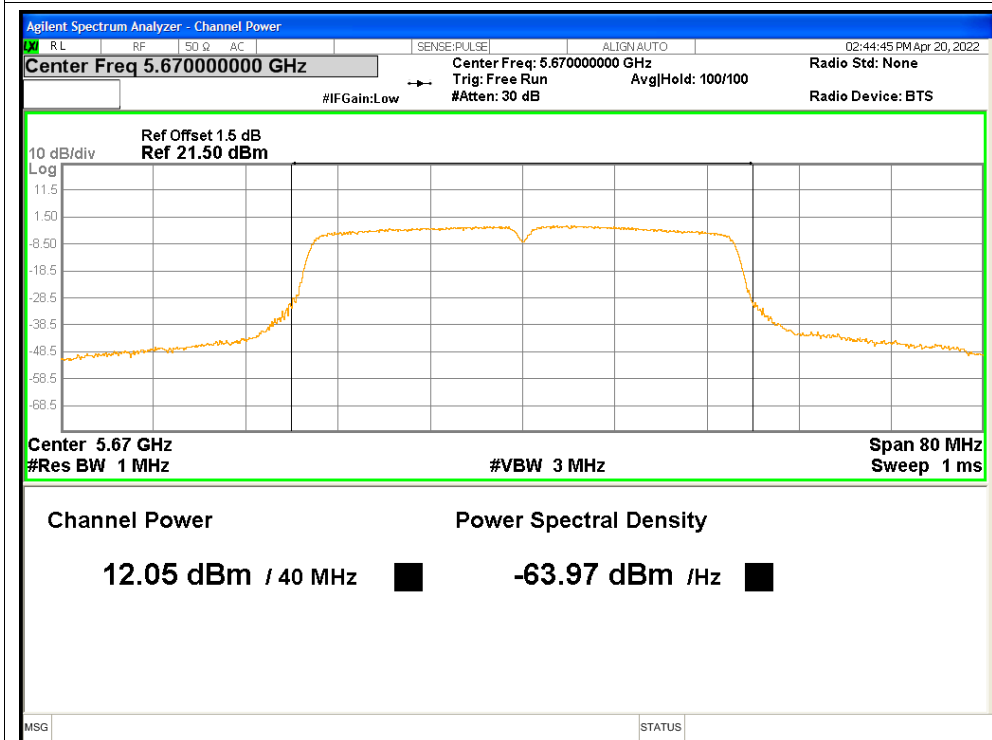
Average Power NVNT ac40 5510MHz



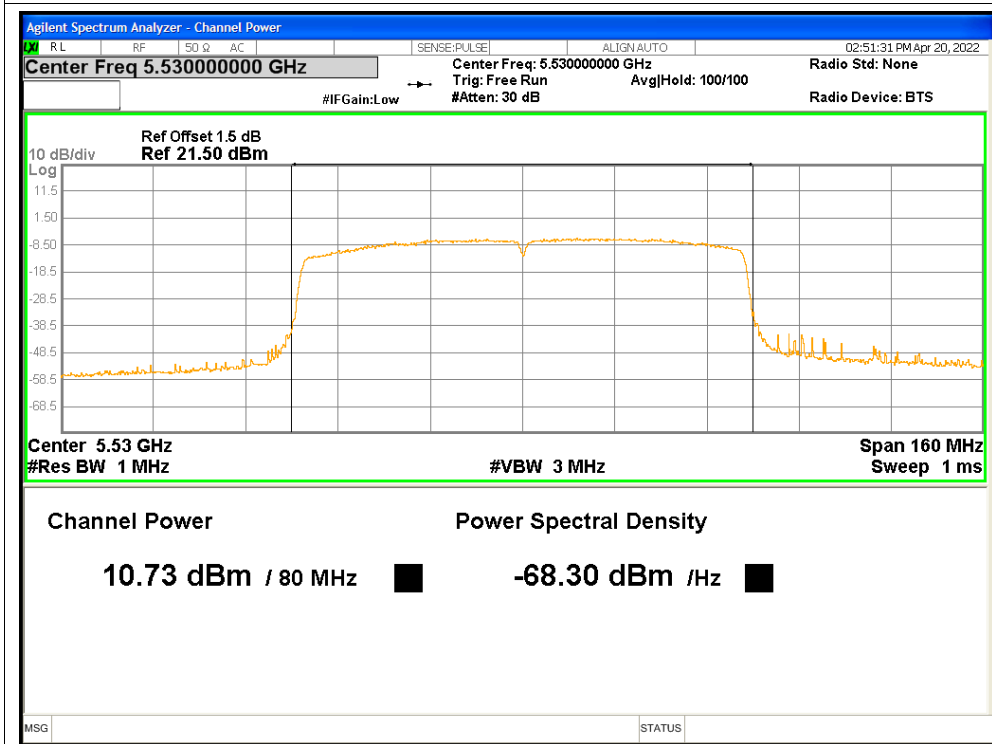
Average Power NVNT ac40 5550MHz

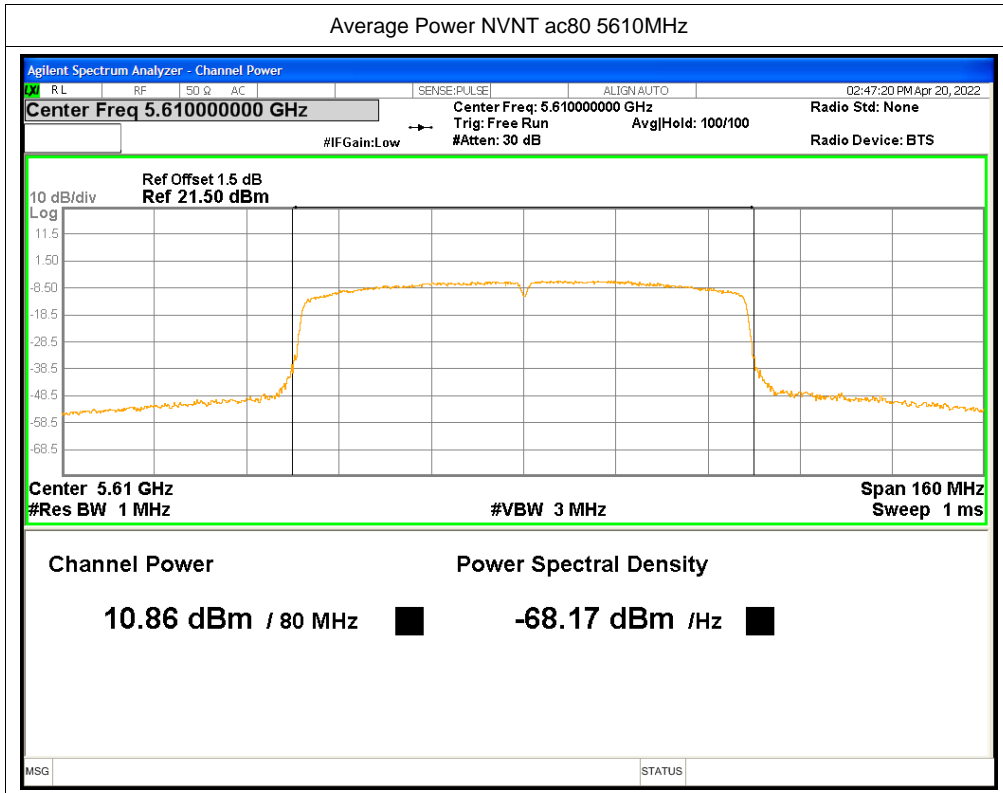


Average Power NVNT ac40 5670MHz

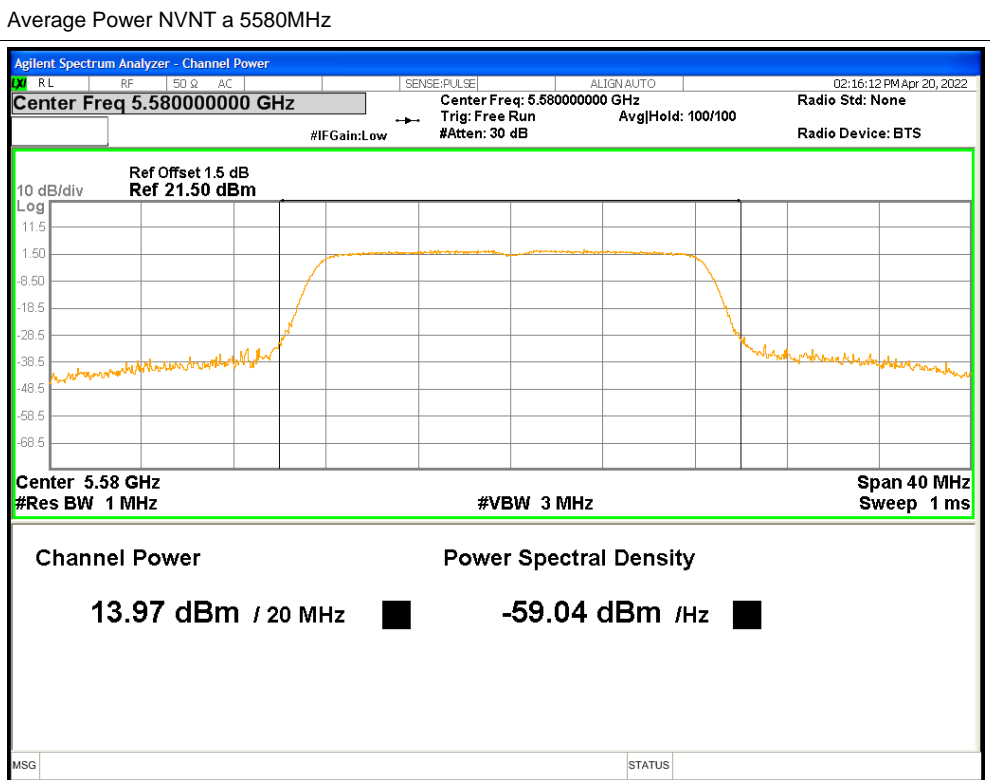
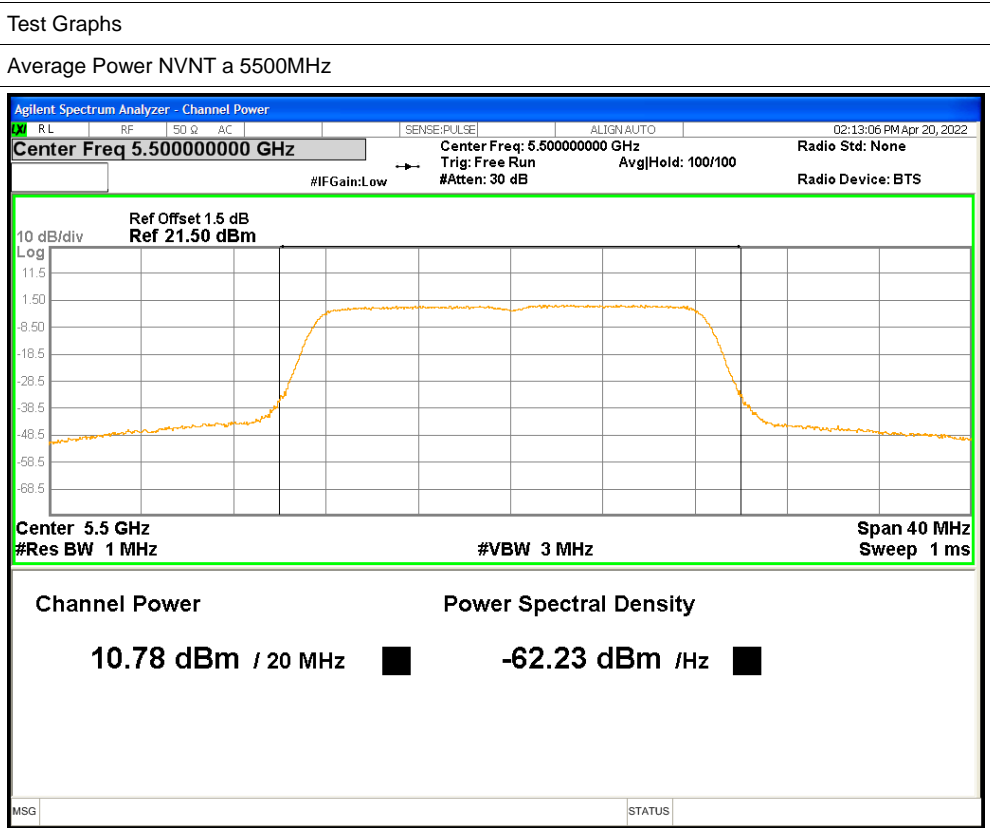


Average Power NVNT ac80 5530MHz

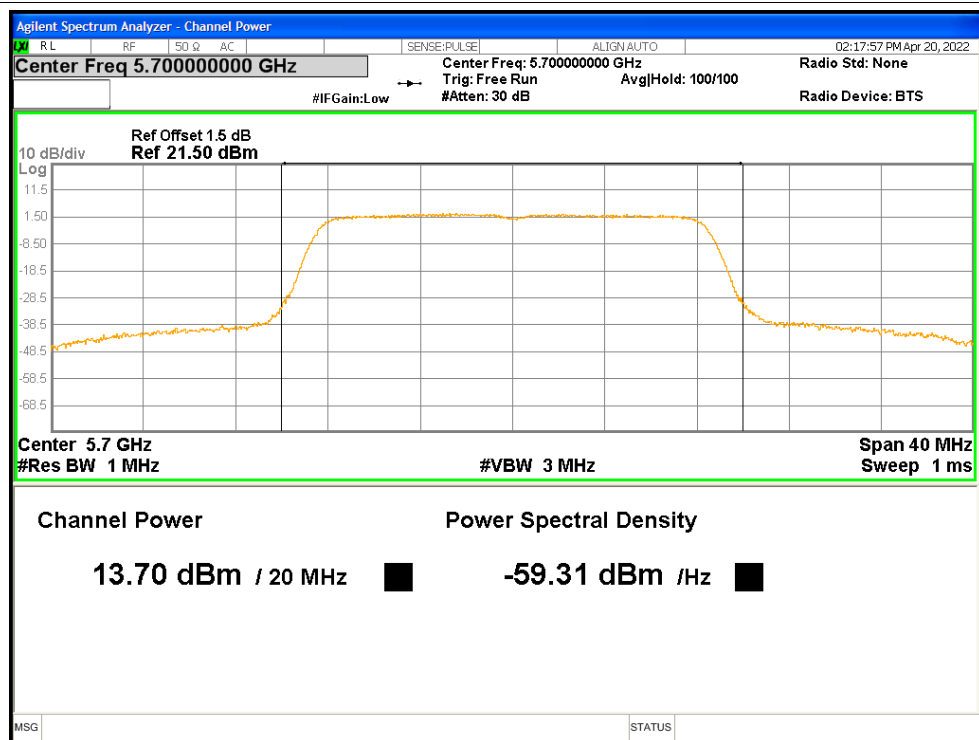




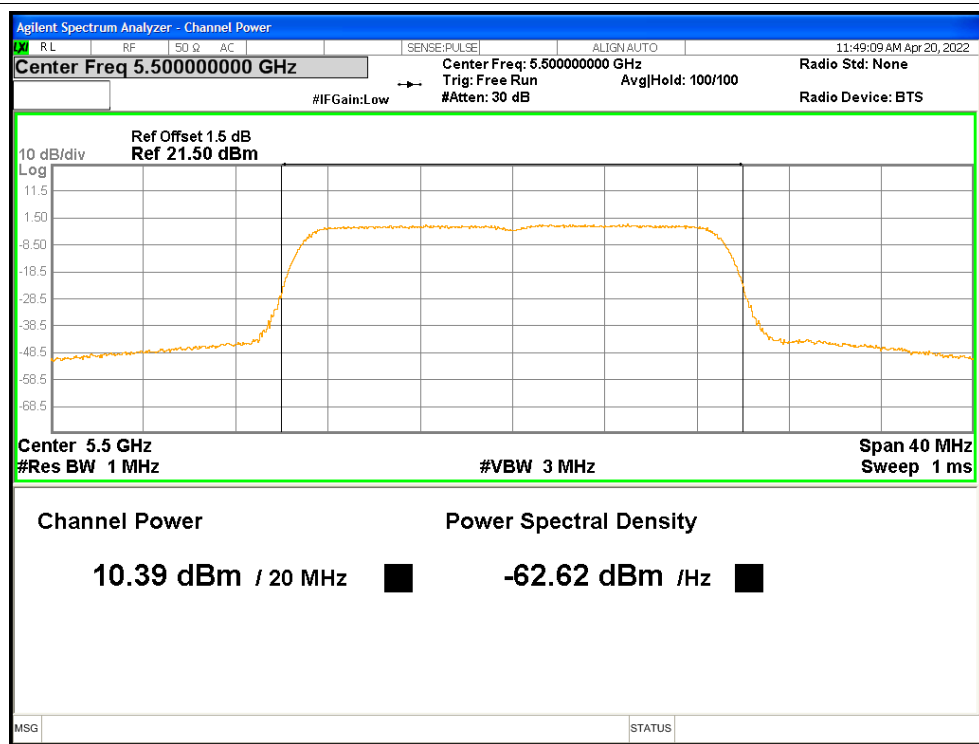
ANT B



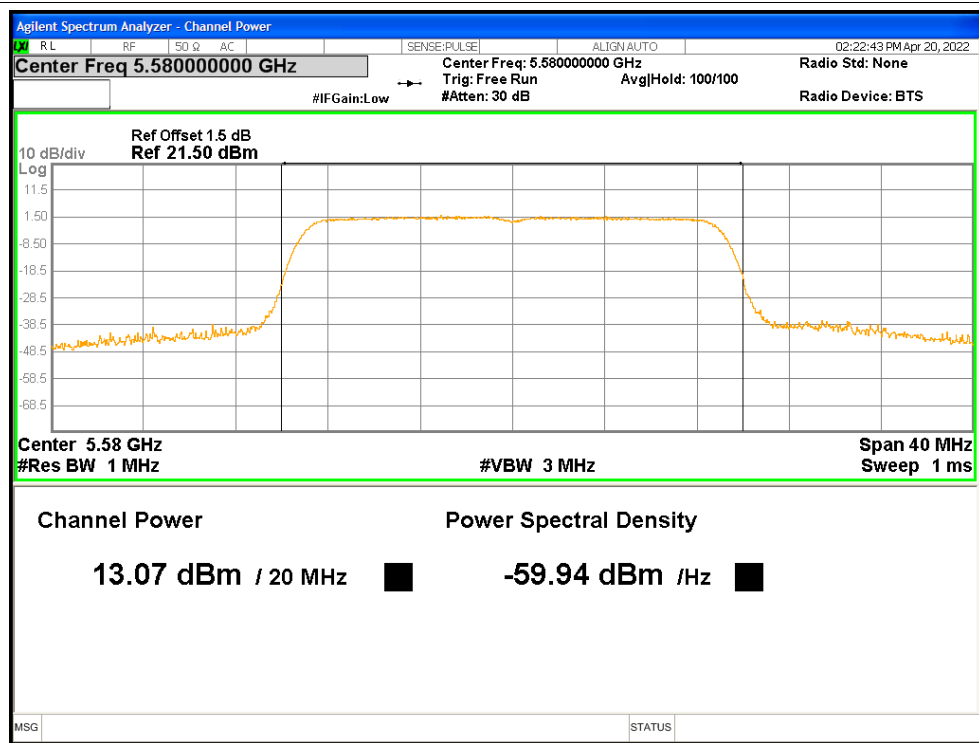
Average Power NVNT a 5700MHz



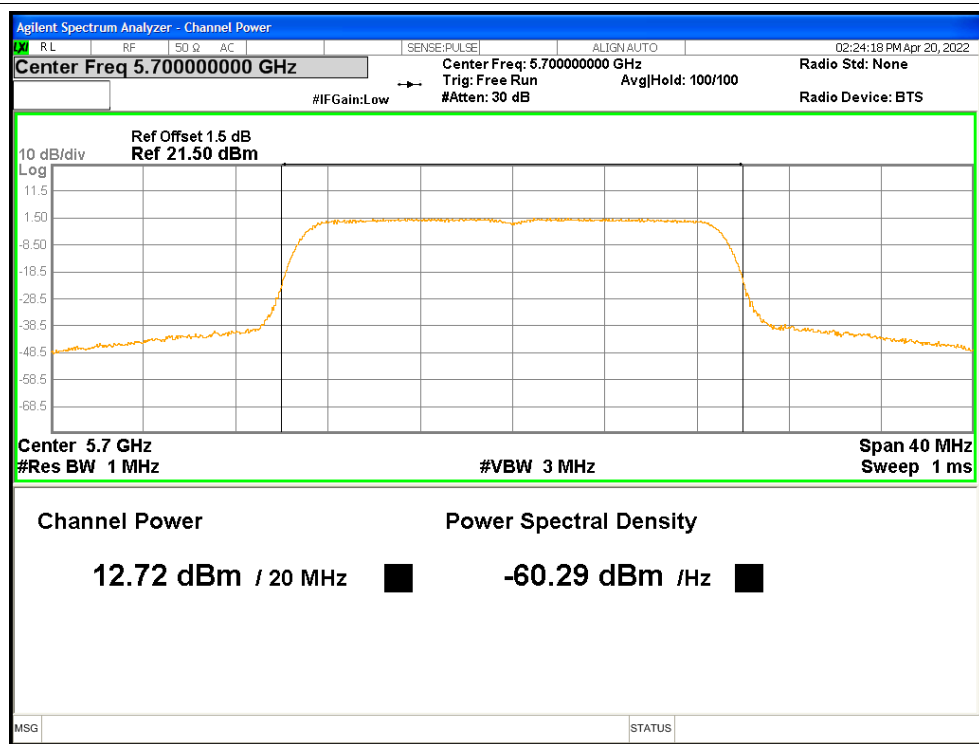
Average Power NVNT n20 5500MHz



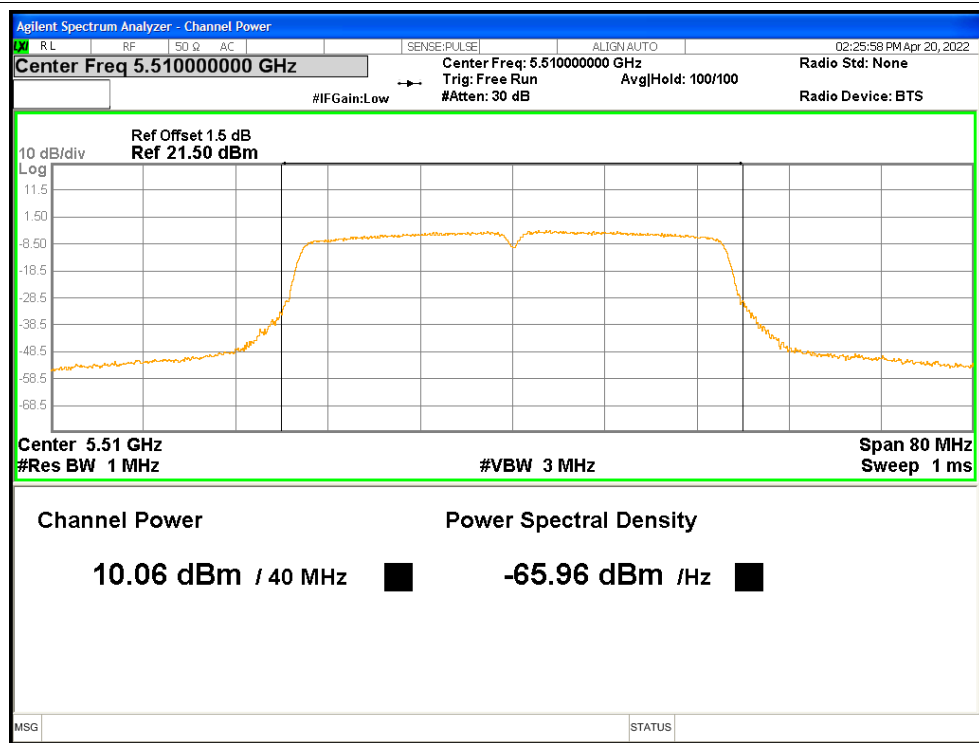
Average Power NVNT n20 5580MHz



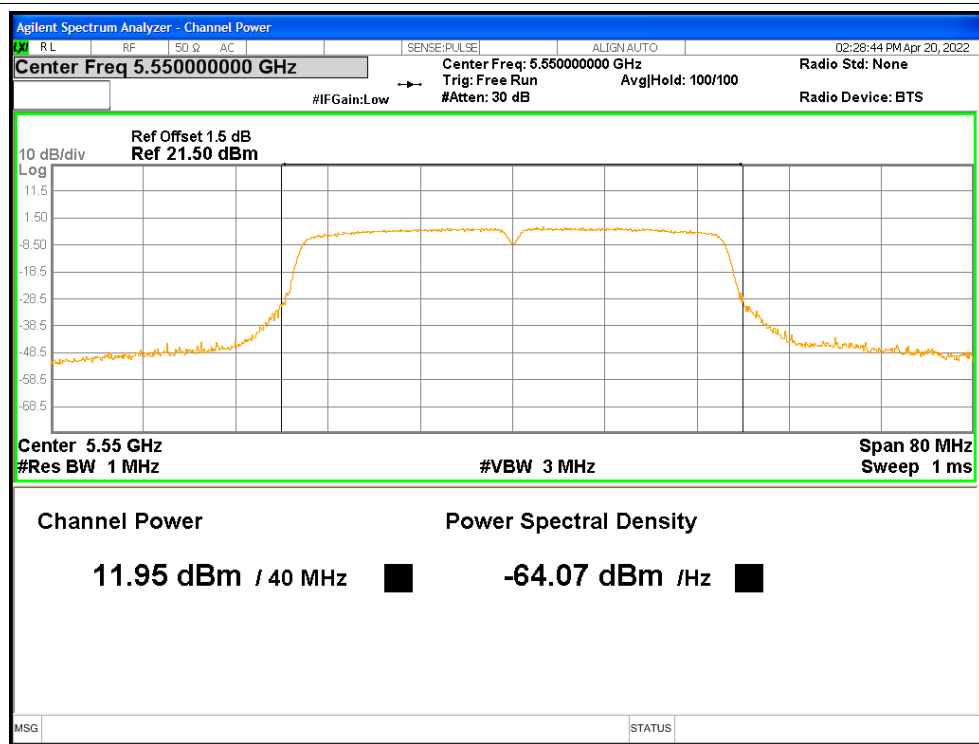
Average Power NVNT n20 5700MHz



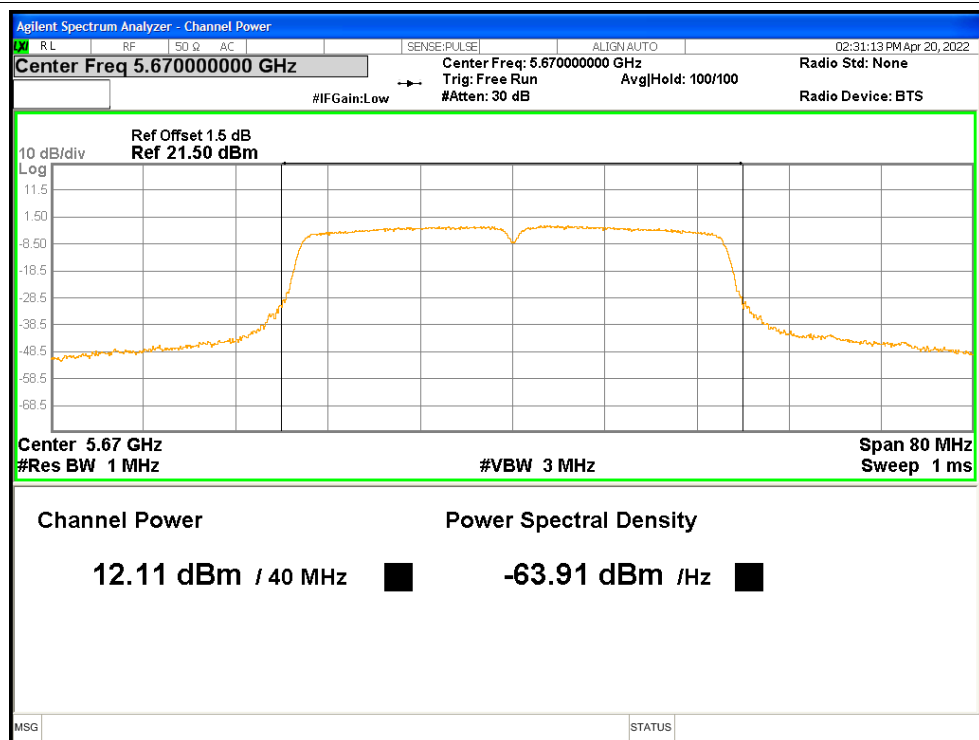
Average Power NVNT n40 5510MHz



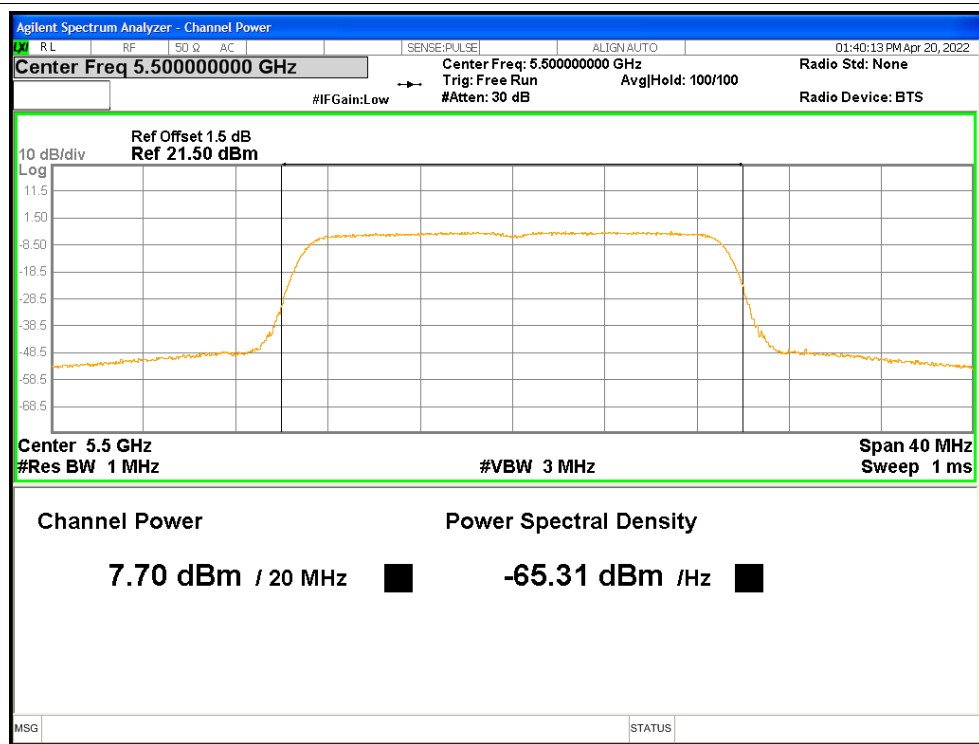
Average Power NVNT n40 5550MHz



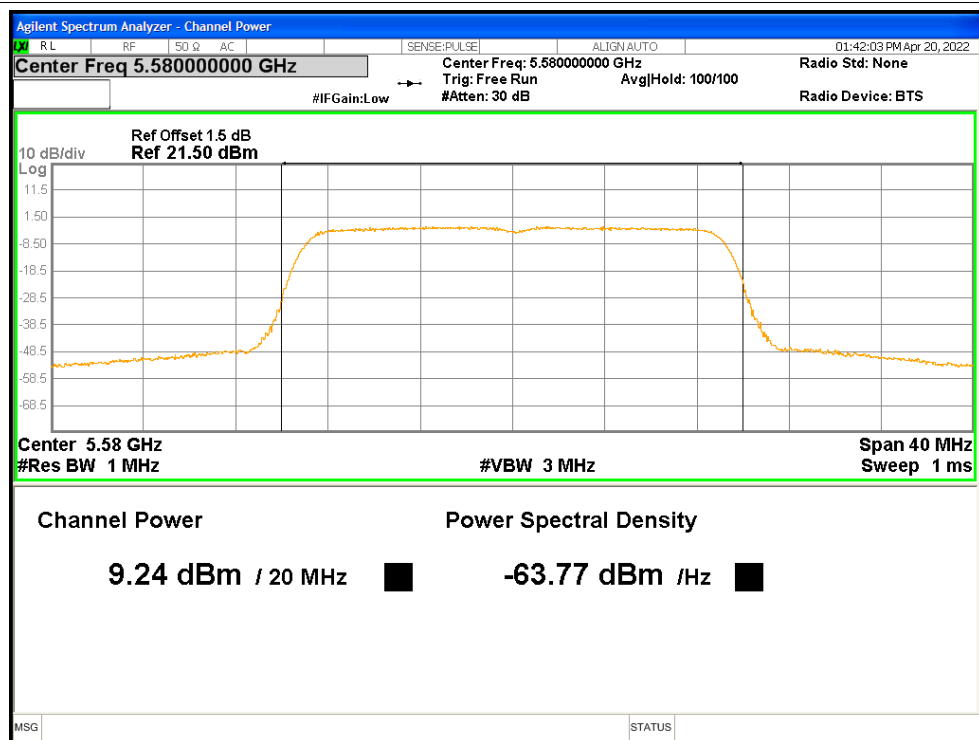
Average Power NVNT n40 5670MHz



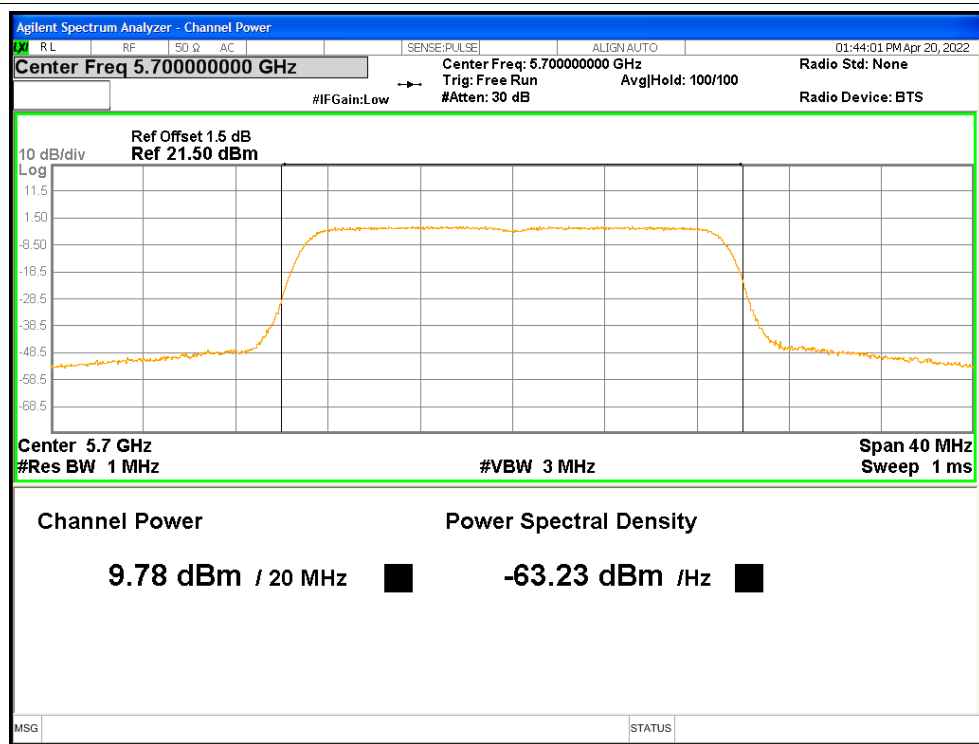
Average Power NVNT ac20 5500MHz



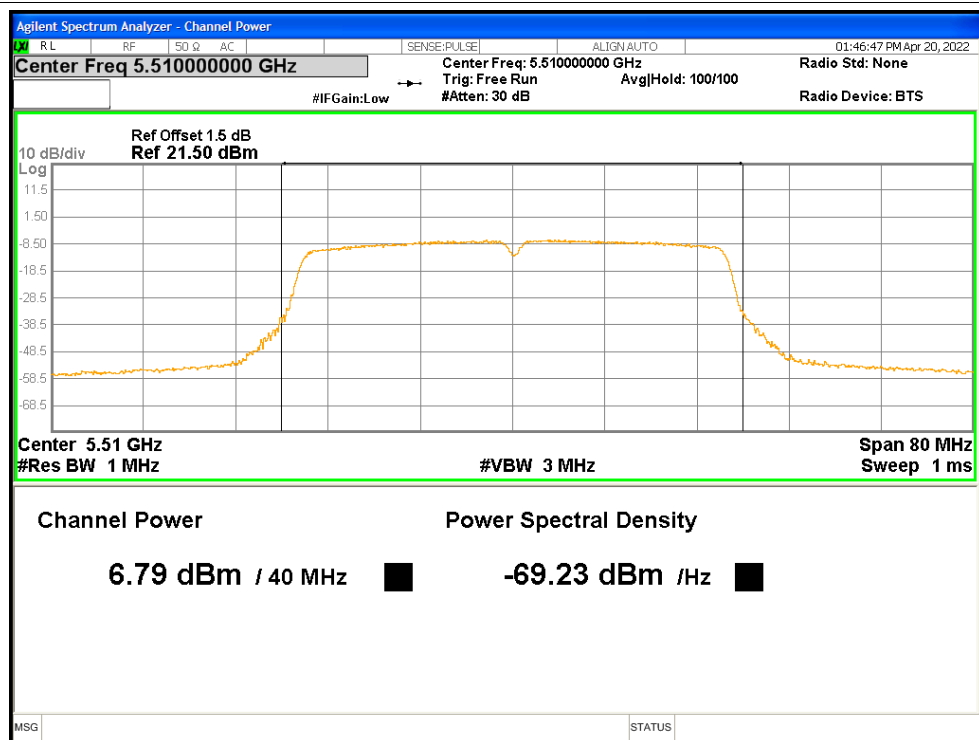
Average Power NVNT ac20 5580MHz



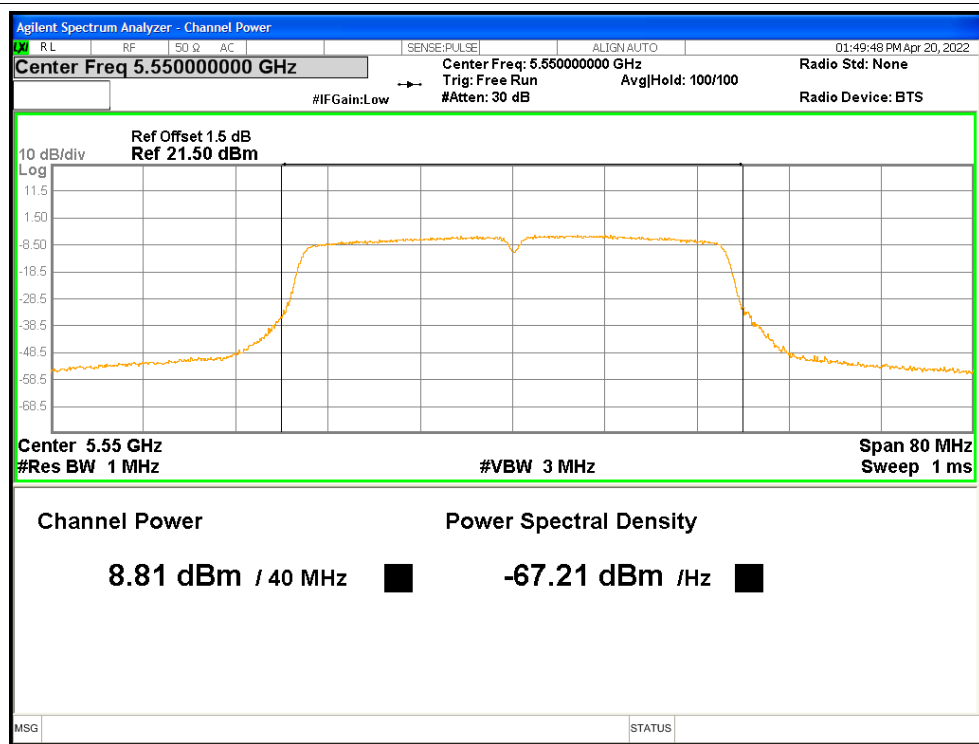
Average Power NVNT ac20 5700MHz



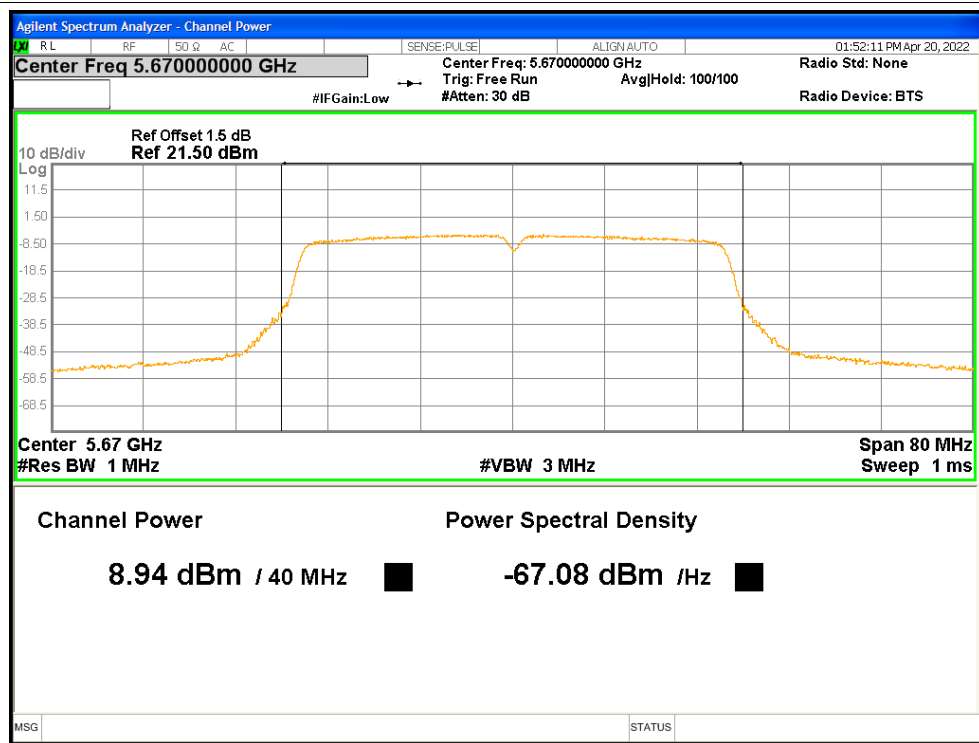
Average Power NVNT ac40 5510MHz



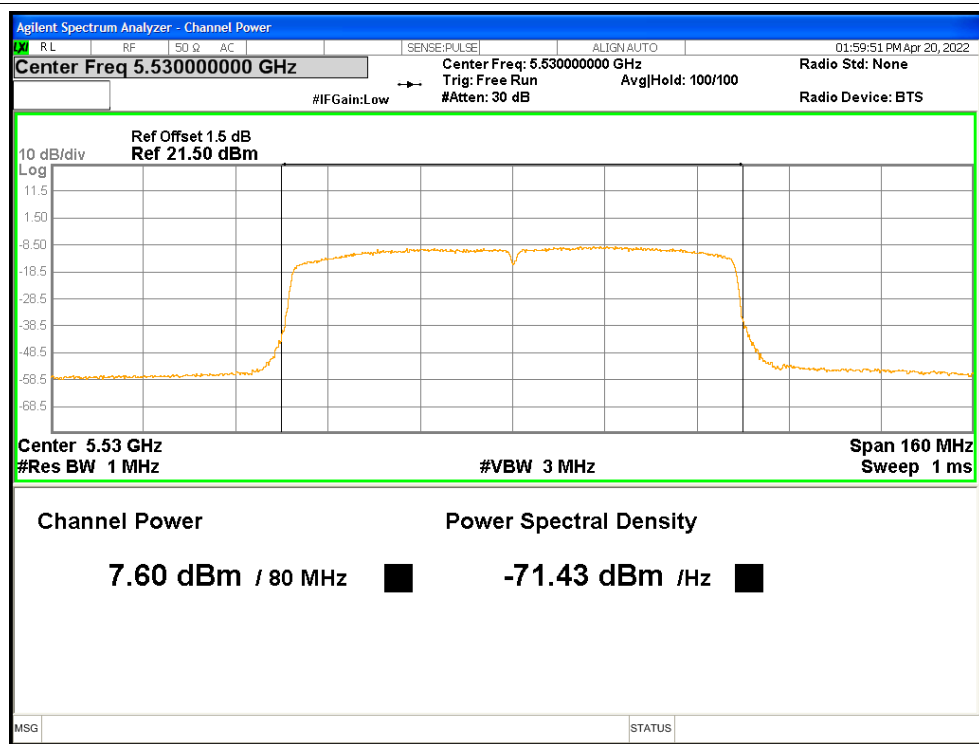
Average Power NVNT ac40 5550MHz

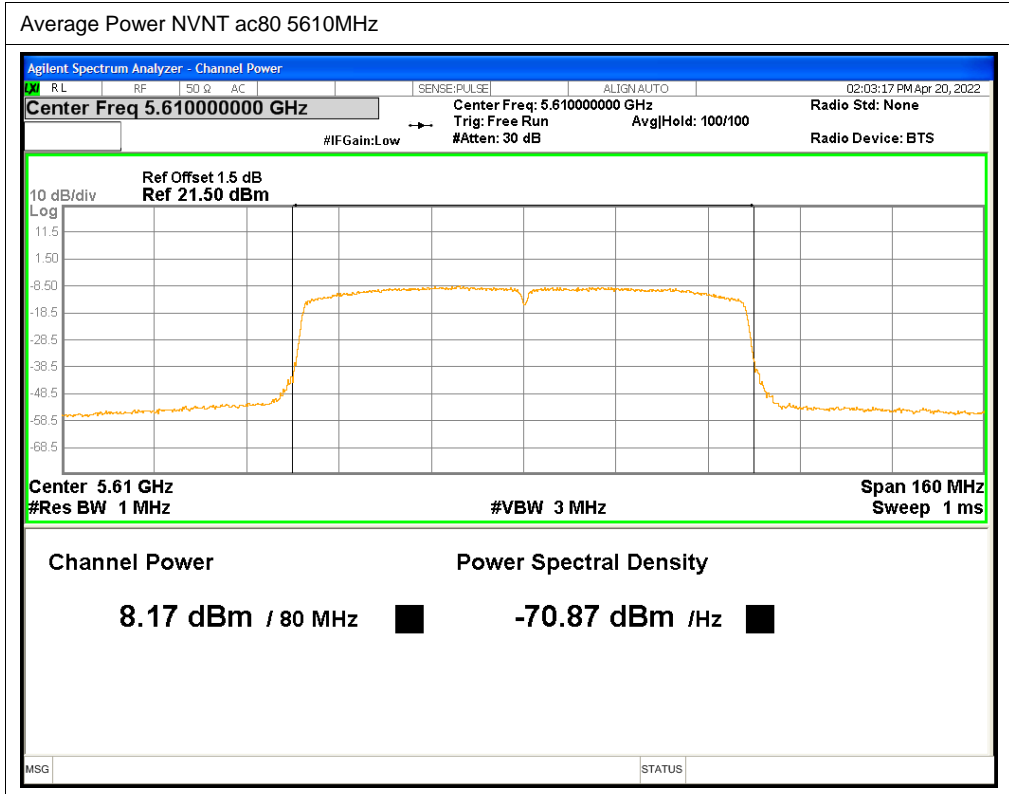


Average Power NVNT ac40 5670MHz



Average Power NVNT ac80 5530MHz



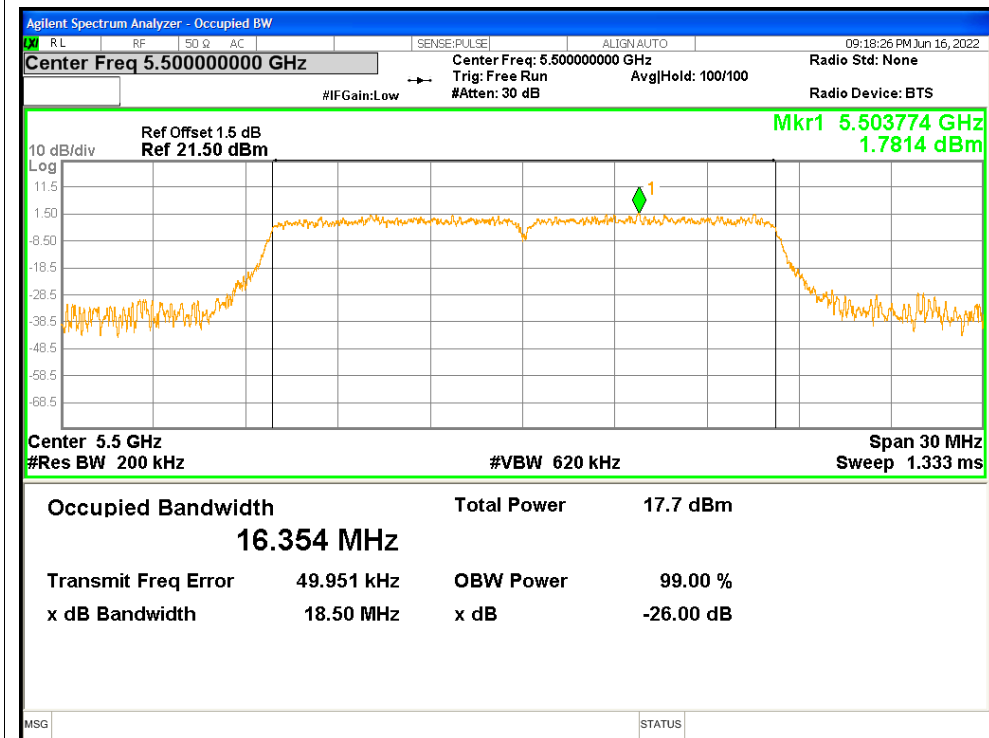


1. Occupied Channel Bandwidth

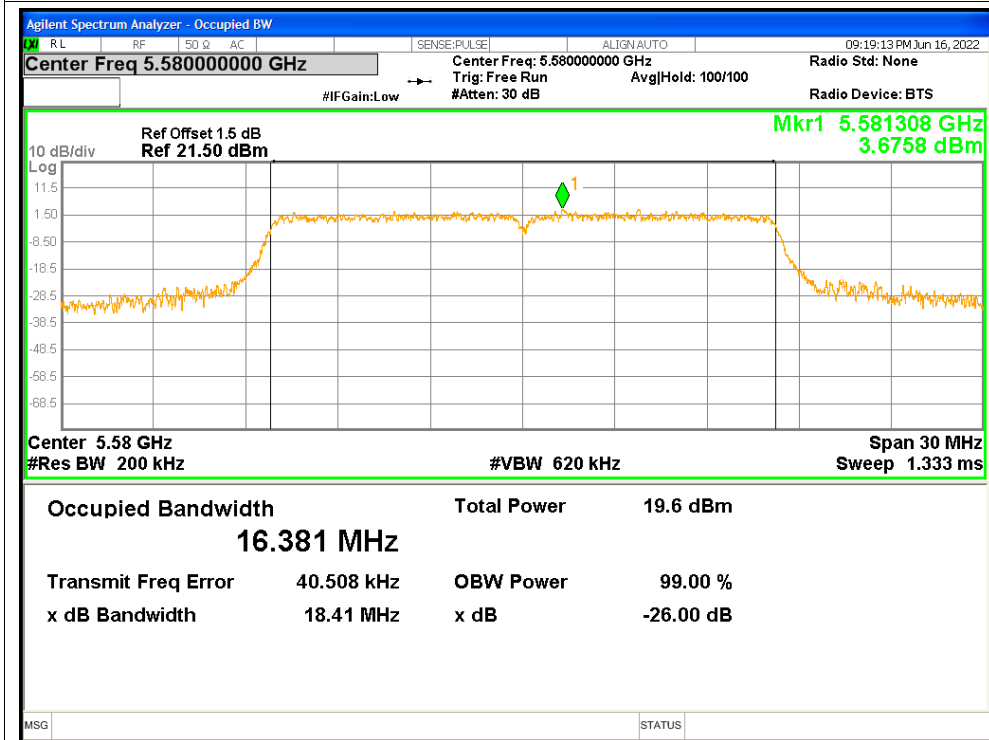
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5500	16.354
NVNT	a	5580	16.381
NVNT	a	5700	16.351
NVNT	n20	5500	17.536
NVNT	n20	5580	17.543
NVNT	n20	5700	17.54
NVNT	n40	5510	36.092
NVNT	n40	5550	36.087
NVNT	n40	5670	36.049
NVNT	ac20	5500	17.538
NVNT	ac20	5580	17.539
NVNT	ac20	5700	17.527
NVNT	ac40	5510	36.093
NVNT	ac40	5550	36.082
NVNT	ac40	5670	36.063
NVNT	ac80	5530	74.563
NVNT	ac80	5610	74.671

Test Graphs

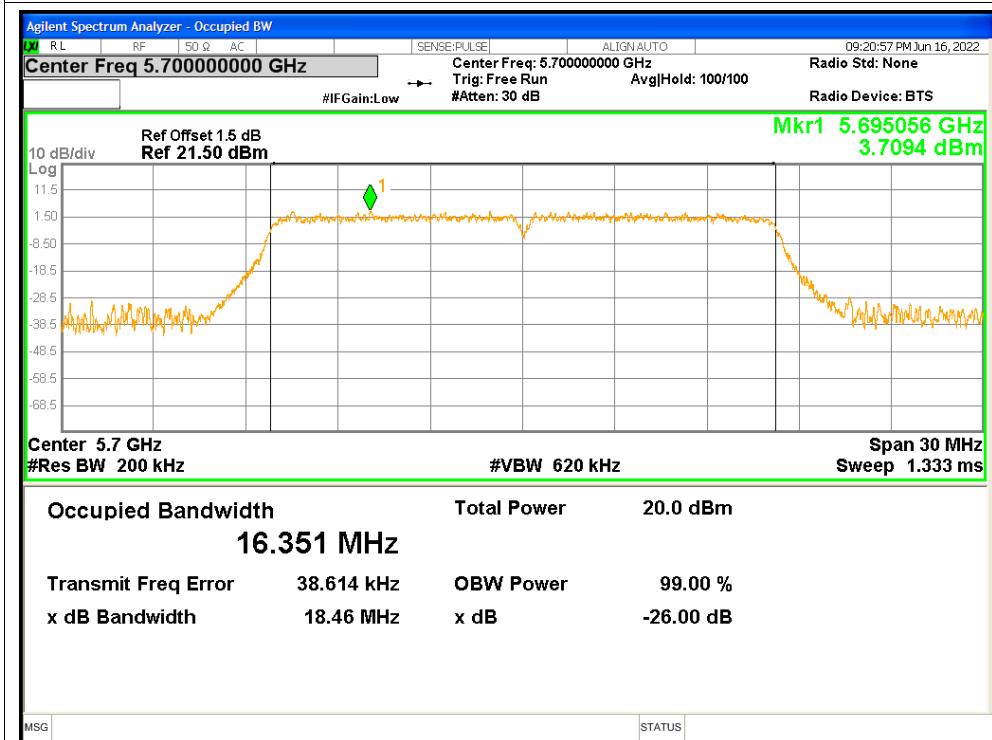
OBW NVNT a 5500MHz



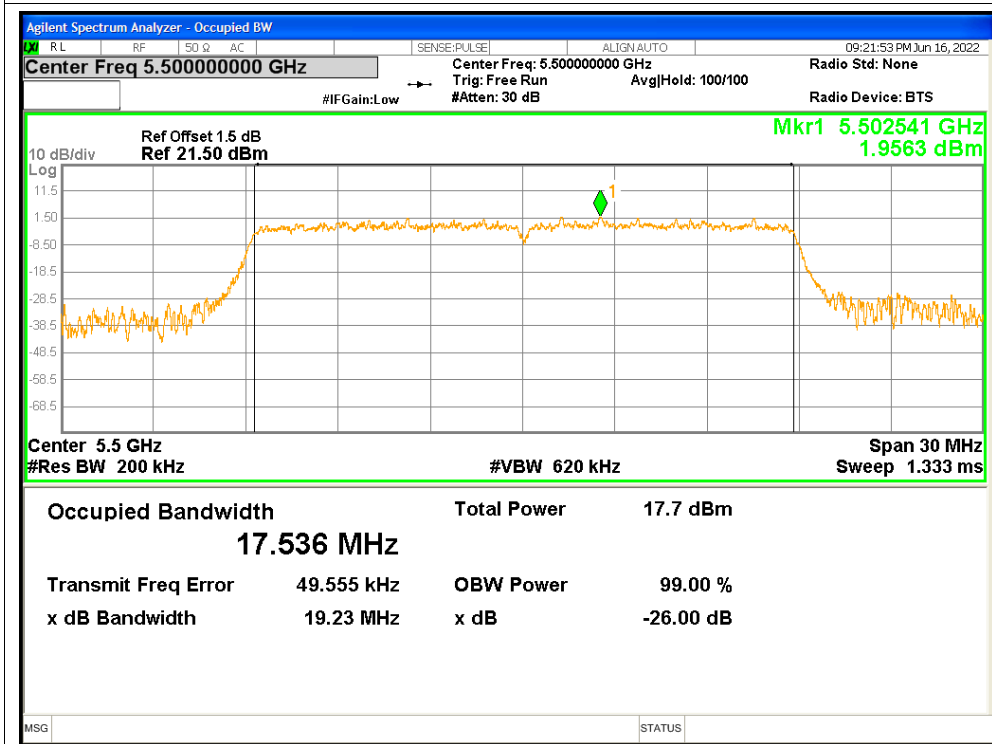
OBW NVNT a 5580MHz



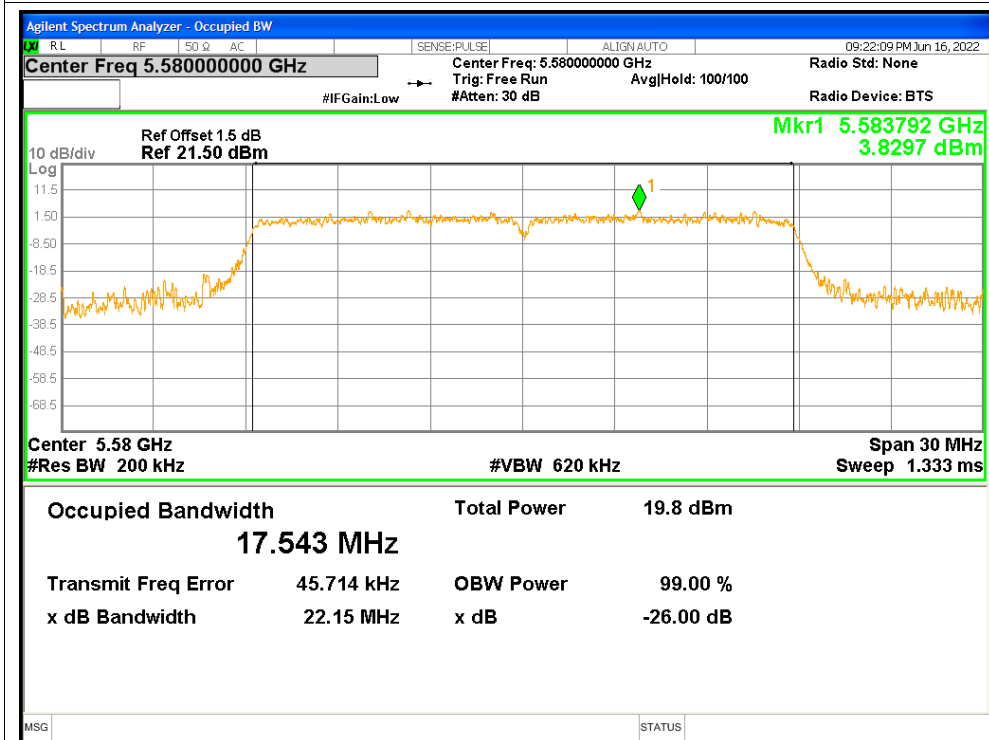
OBW NVNT a 5700MHz



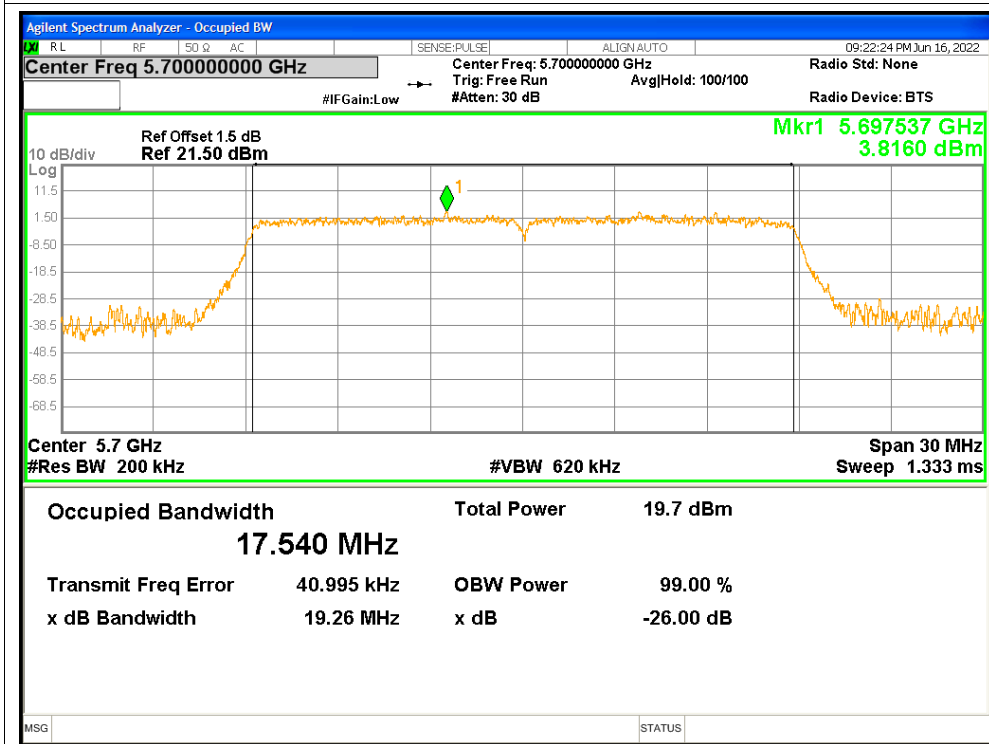
OBW NVNT n20 5500MHz



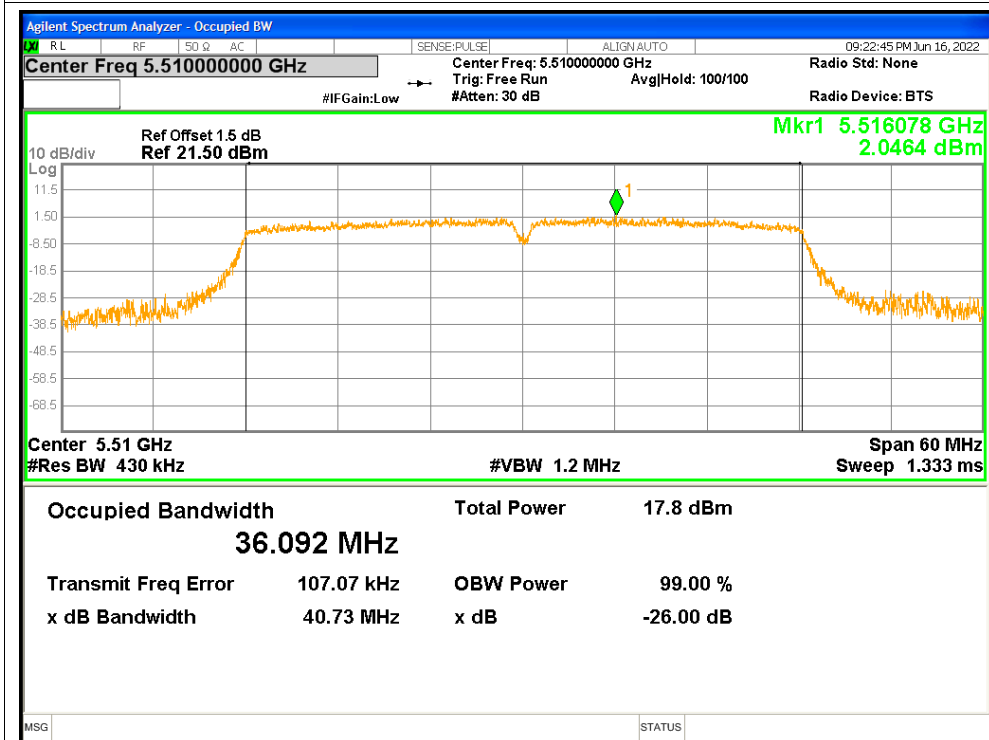
OBW NVNT n20 5580MHz



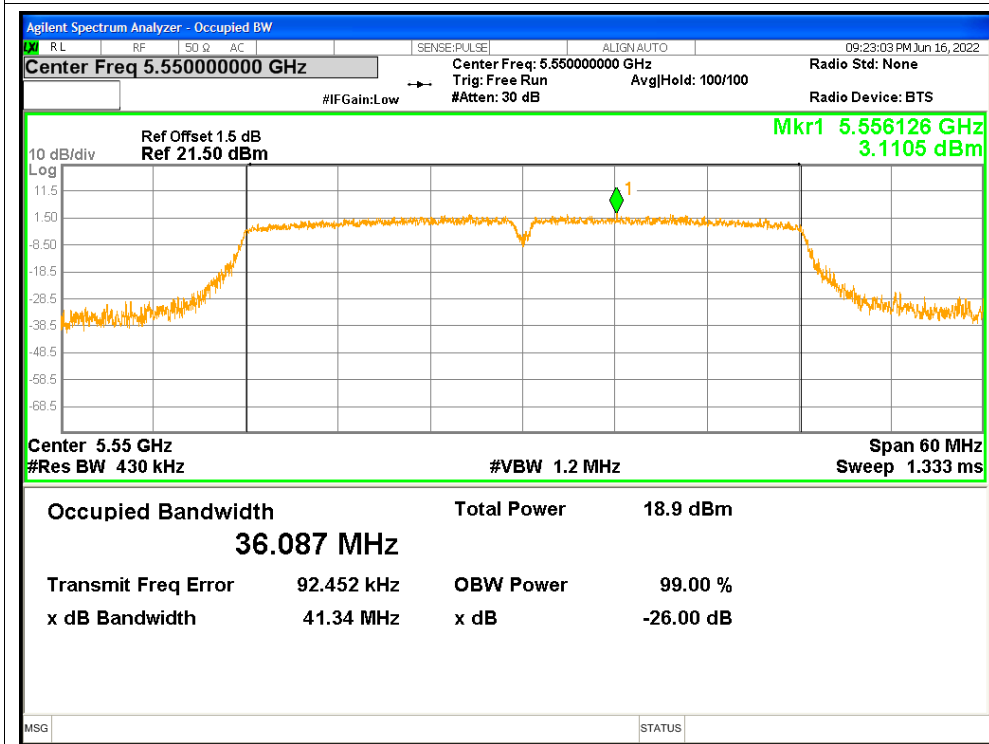
OBW NVNT n20 5700MHz



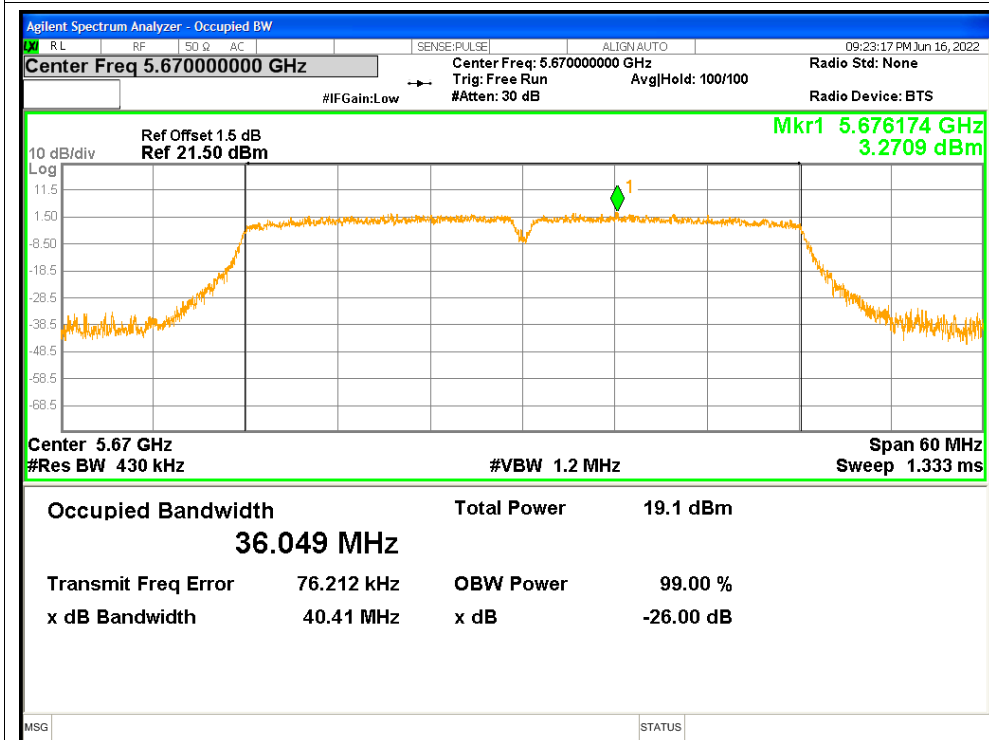
OBW NVNT n40 5510MHz



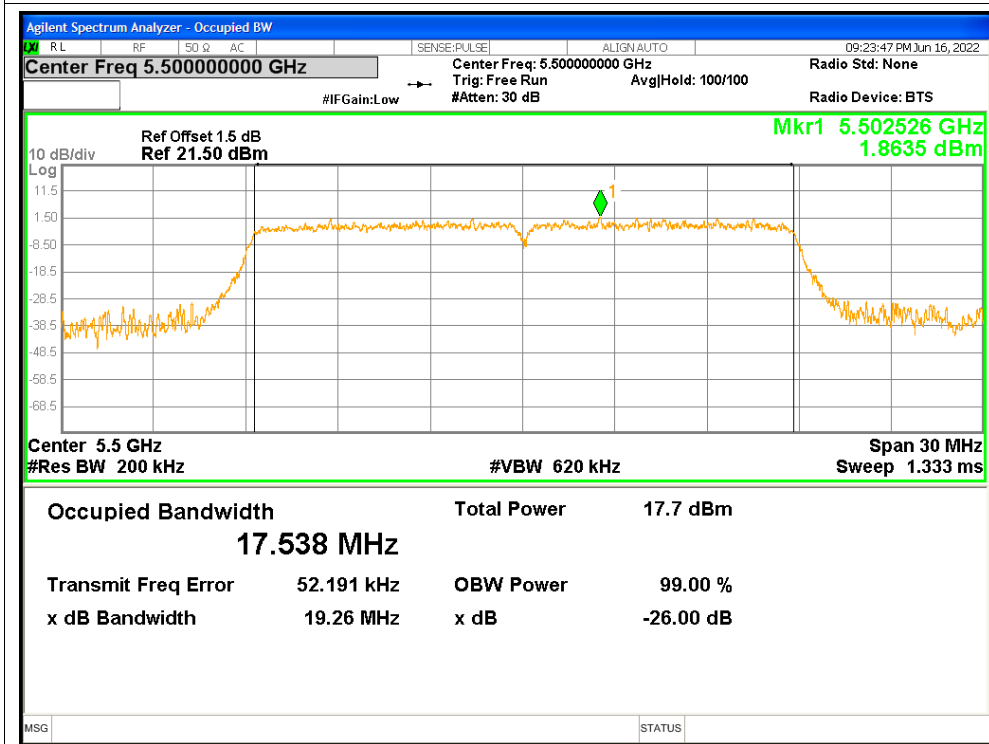
OBW NVNT n40 5550MHz



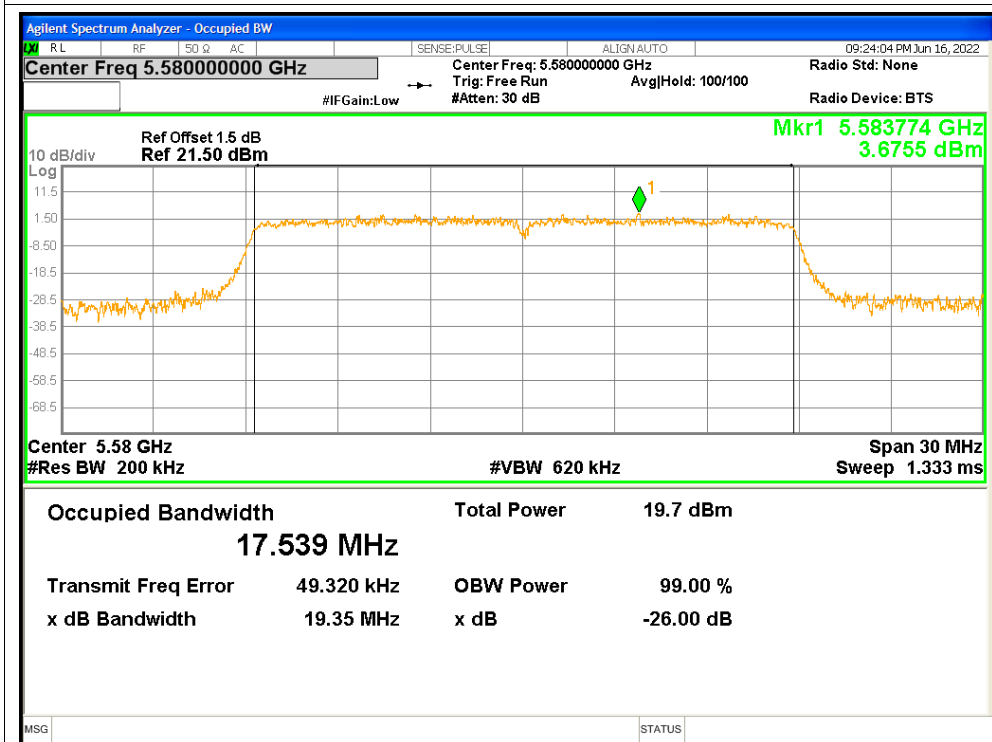
OBW NVNT n40 5670MHz



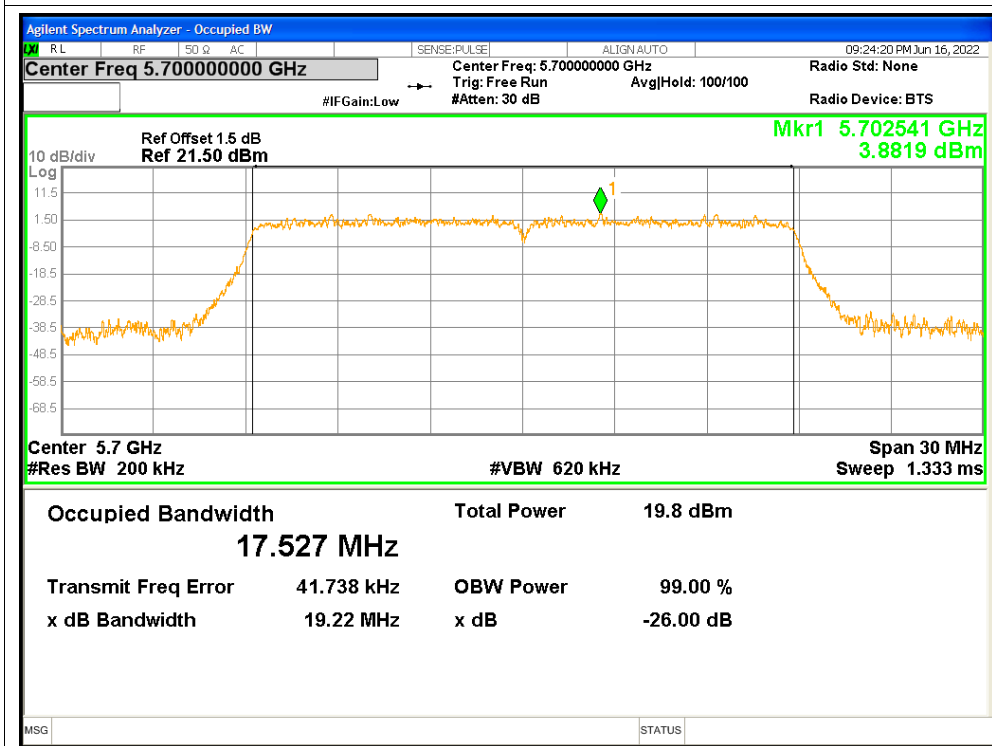
OBW NVNT ac20 5500MHz



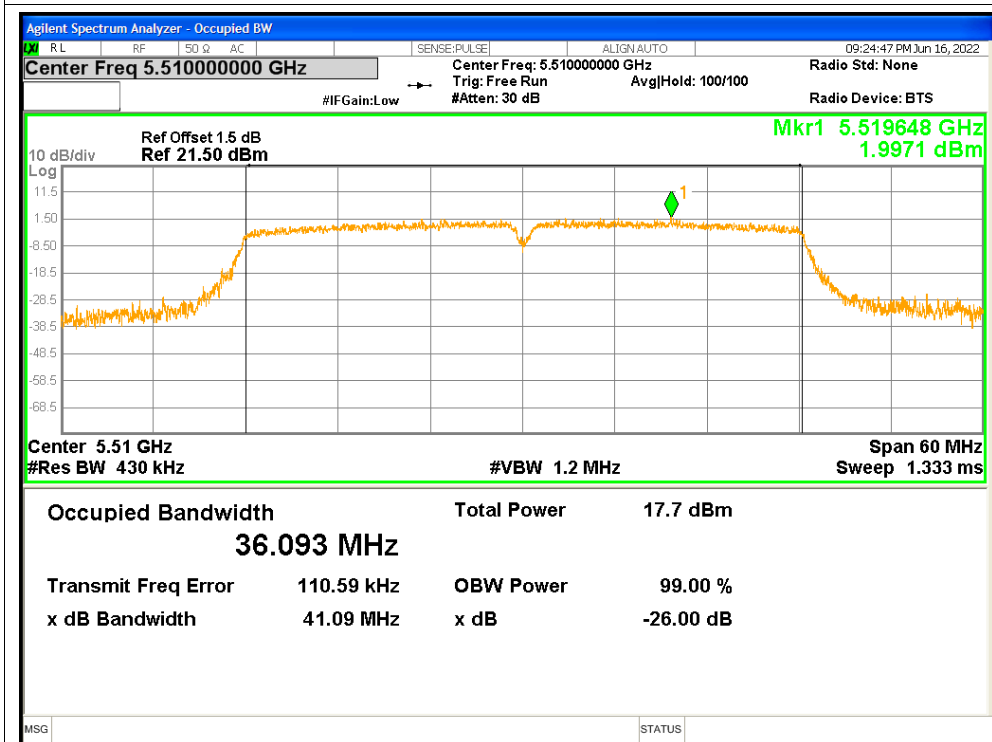
OBW NVNT ac20 5580MHz



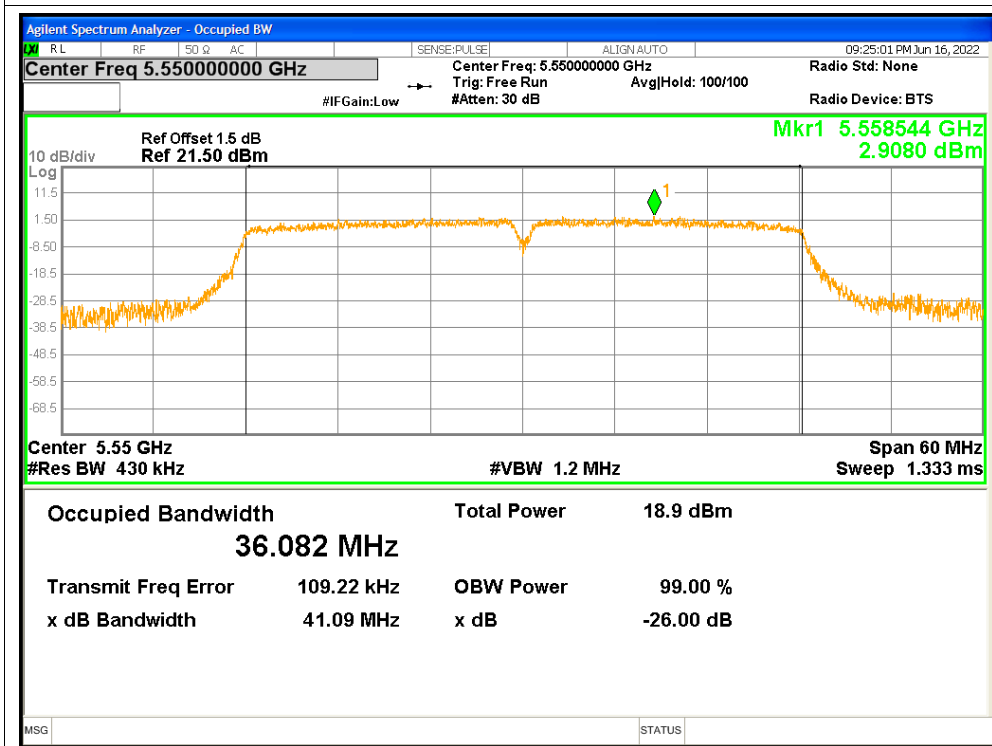
OBW NVNT ac20 5700MHz



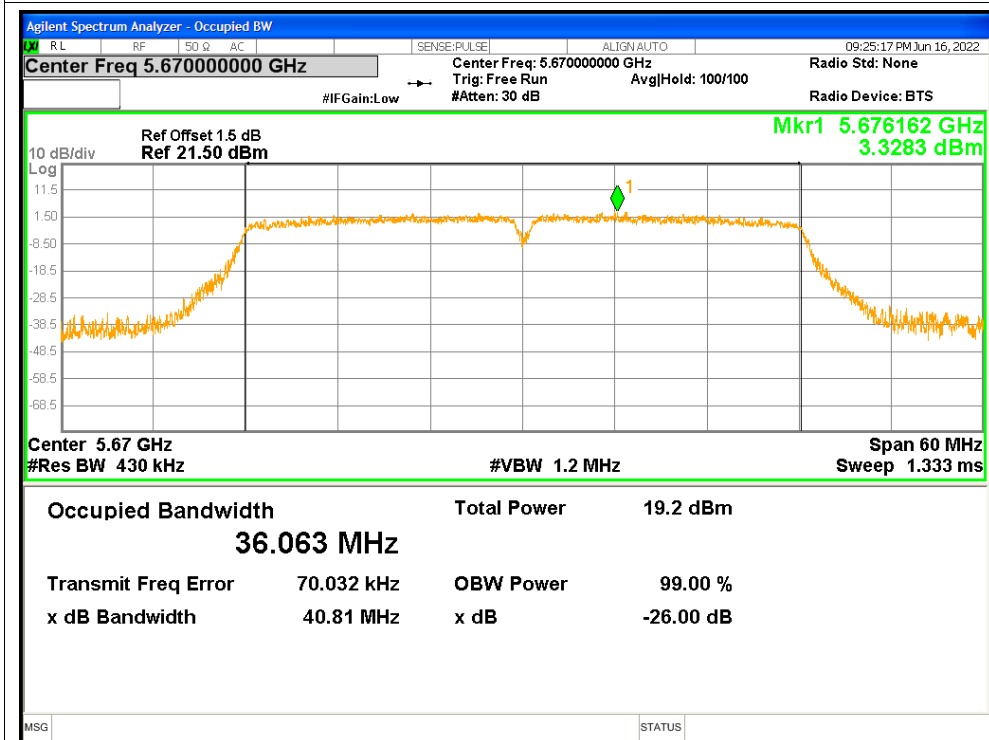
OBW NVNT ac40 5510MHz



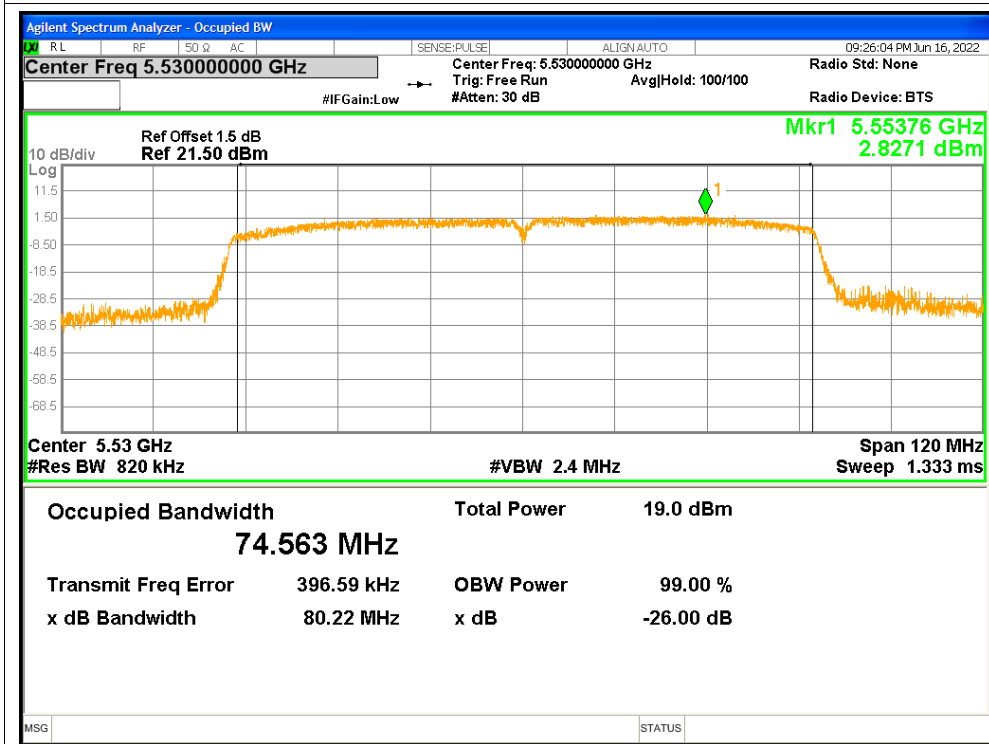
OBW NVNT ac40 5550MHz

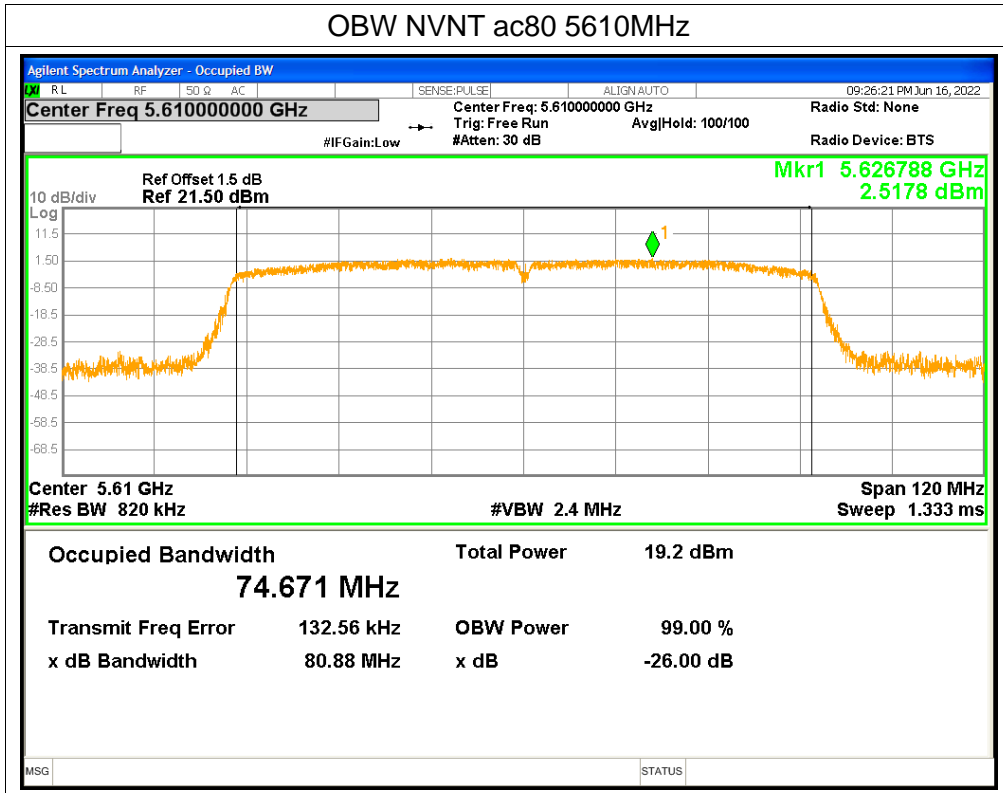


OBW NVNT ac40 5670MHz



OBW NVNT ac80 5530MHz





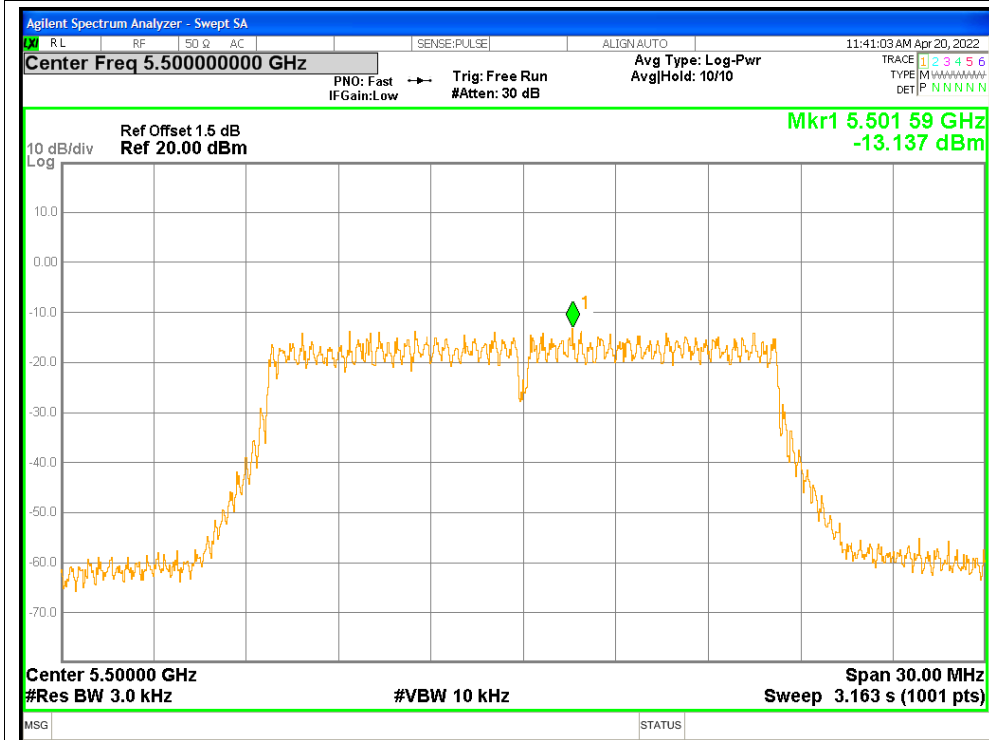
Maximum Power Spectral Density Level

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								
5500	-13.140	-13.020	0.300	-12.840	-12.720	--	11	PASS
5580	-10.500	-10.420	0.280	-10.220	-10.140	--	11	PASS
5700	-10.200	-11.600	0.370	-9.830	-11.230	--	11	PASS
802.11n20								
5500	-14.660	-15.150	0.420	-14.240	-14.730	-11.468	11	PASS
5580	-11.000	-10.680	0.450	-10.550	-10.230	-7.377	11	PASS
5700	-11.170	-11.540	0.320	-10.850	-11.220	-8.021	11	PASS
802.11n40								
5510	-13.590	-17.340	0.880	-12.710	-16.460	-11.182	11	PASS
5550	-12.920	-15.060	0.600	-12.320	-14.460	-10.249	11	PASS
5670	-15.670	-15.340	0.770	-14.900	-14.570	-11.722	11	PASS
802.11ac20								
5500	-16.960	-13.980	0.410	-16.550	-13.570	-11.799	11	PASS
5580	-15.400	-11.590	0.310	-15.090	-11.280	-9.770	11	PASS
5700	-15.620	-12.450	0.330	-15.290	-12.120	-10.412	11	PASS
802.11ac40								
5510	-20.380	-16.630	0.510	-19.870	-16.120	-14.592	11	PASS
5550	-18.230	-14.770	0.890	-17.340	-13.880	-12.264	11	PASS
5670	-18.000	-15.520	0.860	-17.140	-14.660	-12.715	11	PASS
802.11ac80								
5530	-21.550	-18.950	1.900	-19.650	-17.050	-15.148	11	PASS
5610	-20.730	-19.750	1.240	-19.490	-18.510	-15.962	11	PASS

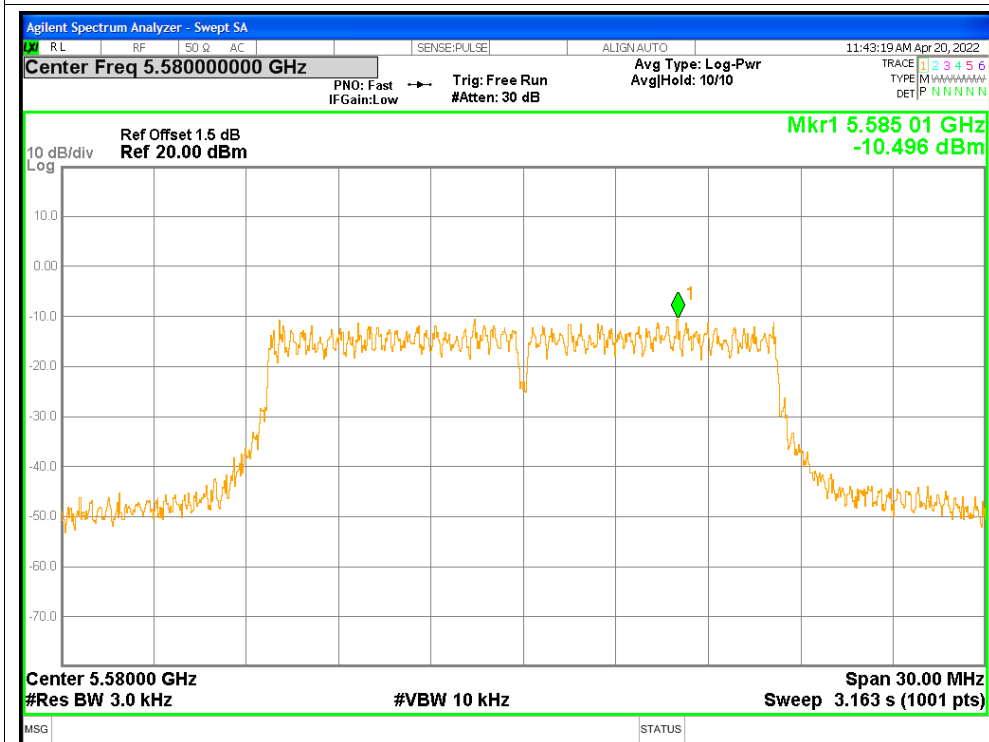
ANT A

Test Graphs

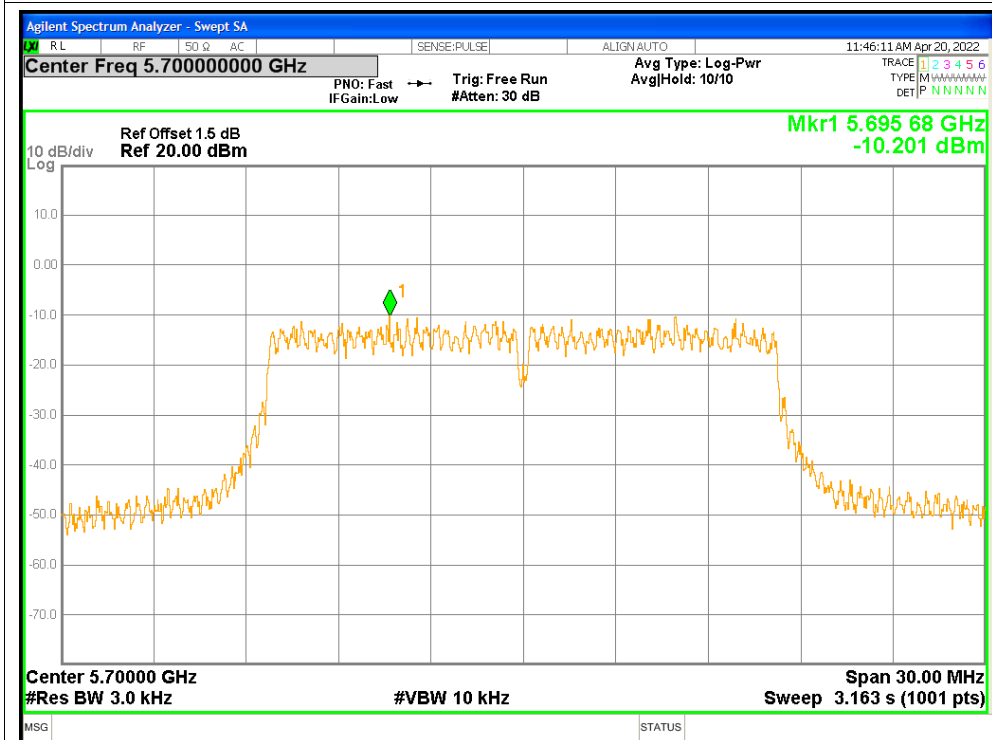
PSD NVNT a 5500MHz



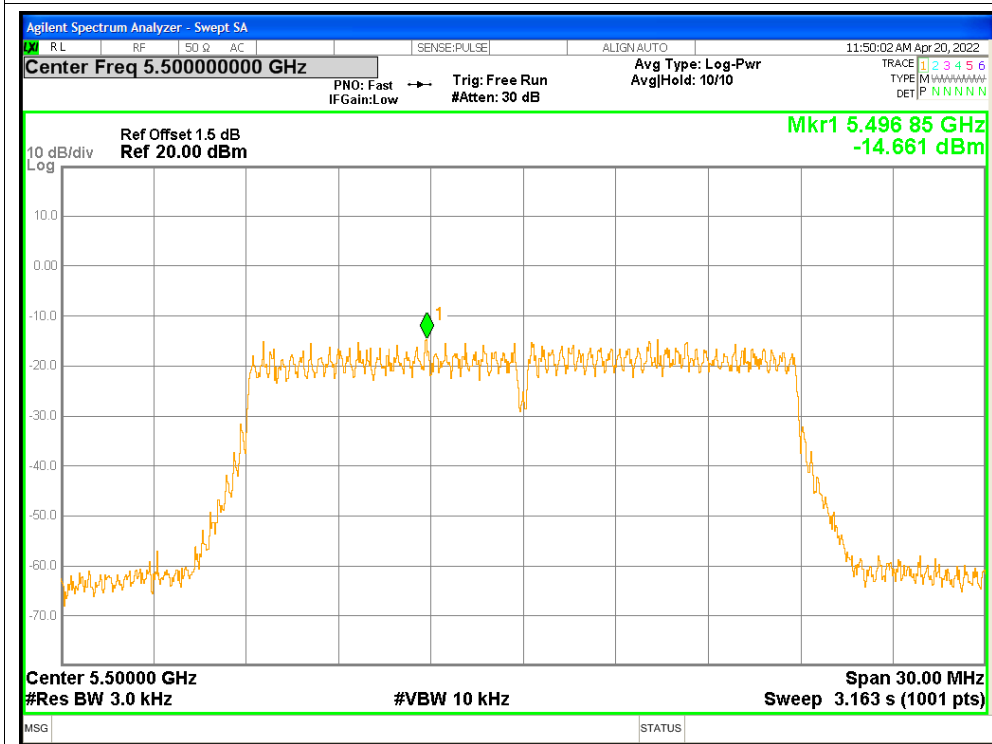
PSD NVNT a 5580MHz



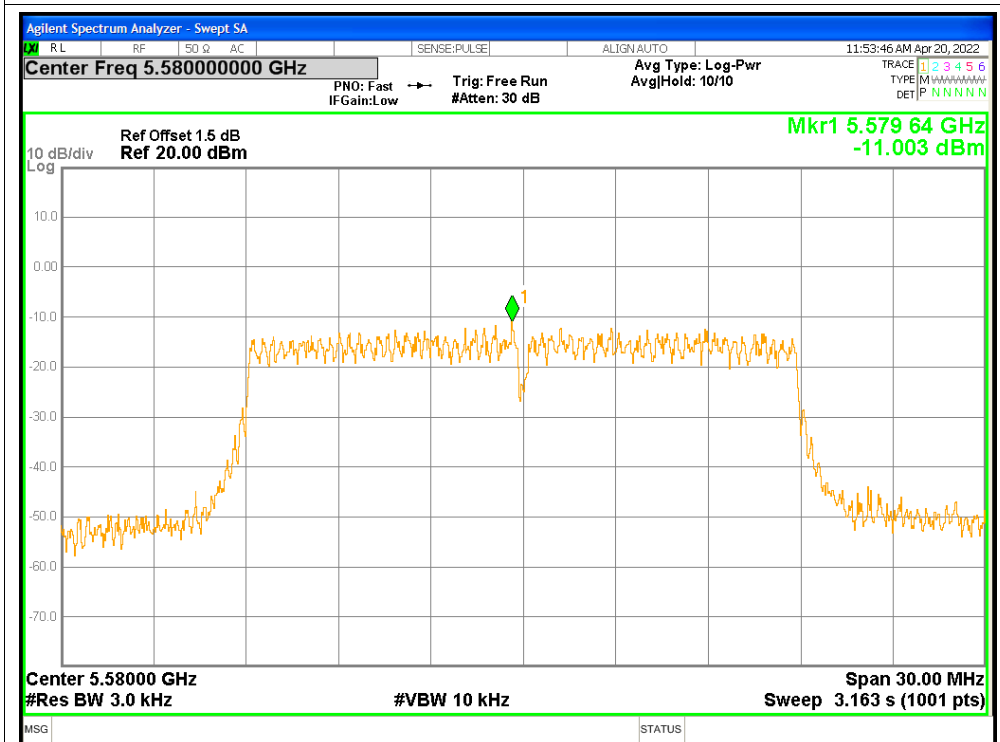
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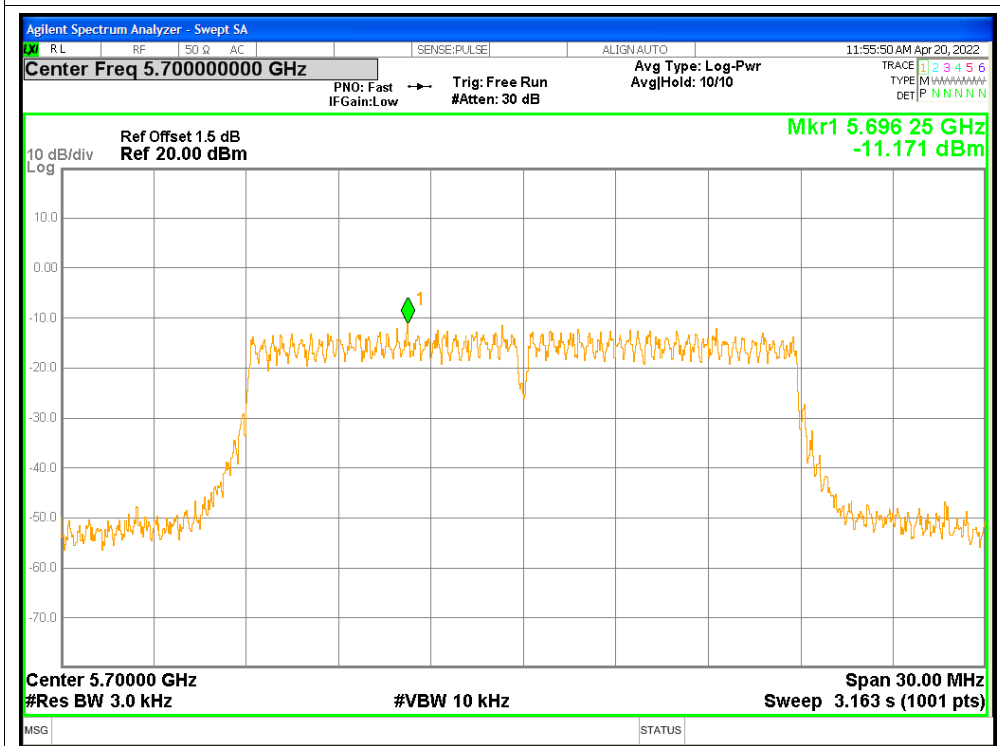
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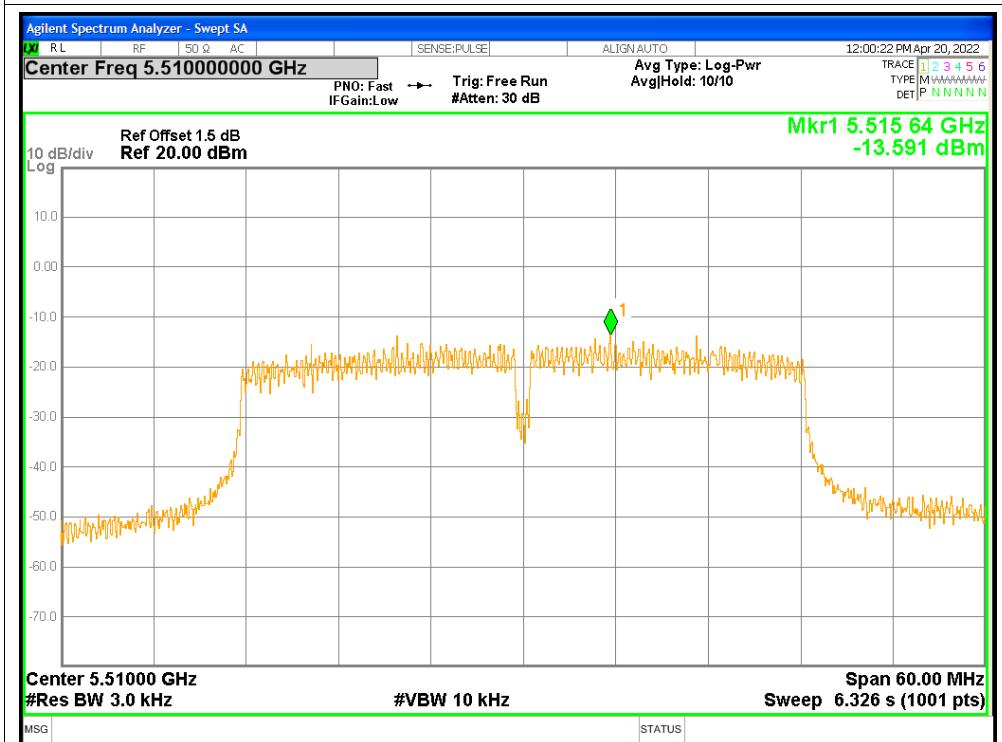
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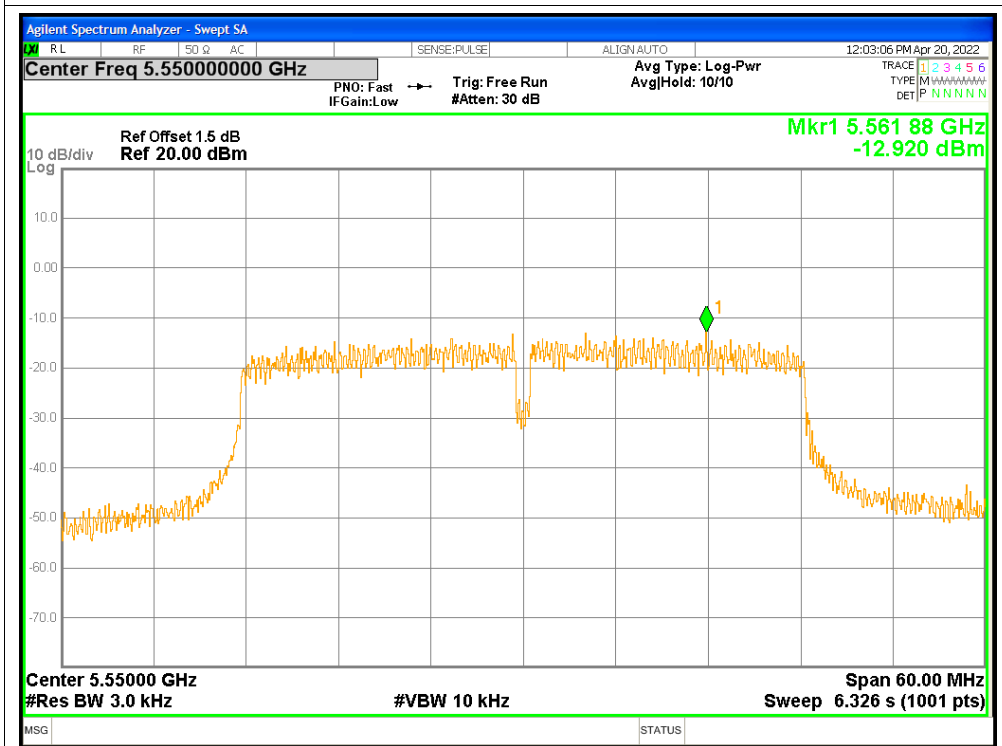
PSD NVNT n20 5700MHz



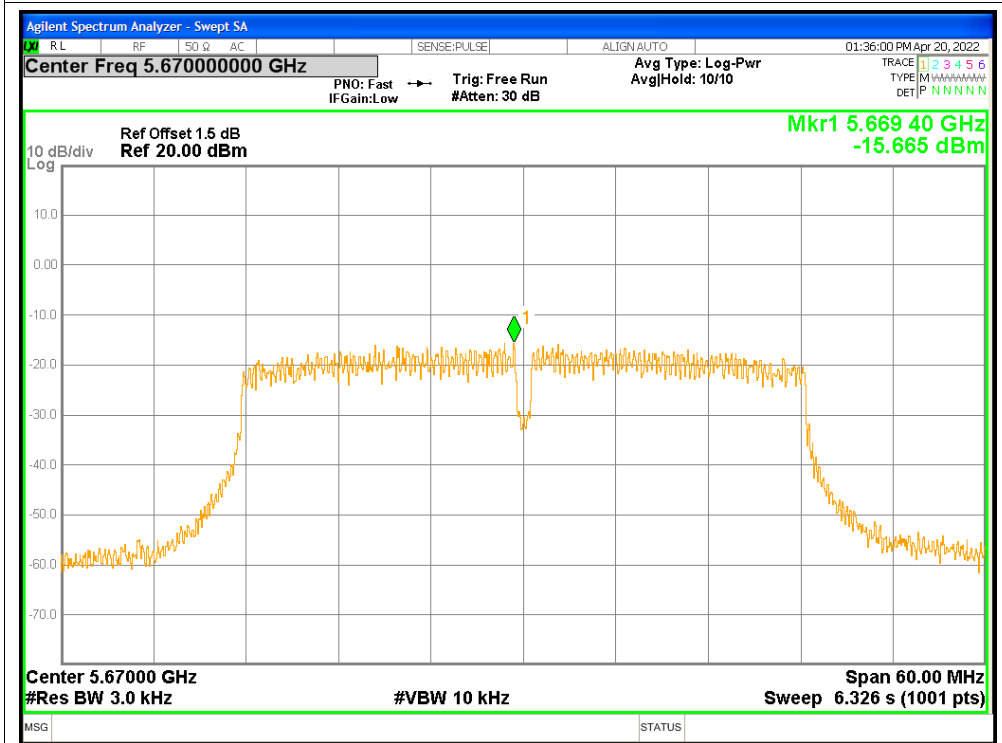
PSD NVNT n40 5510MHz



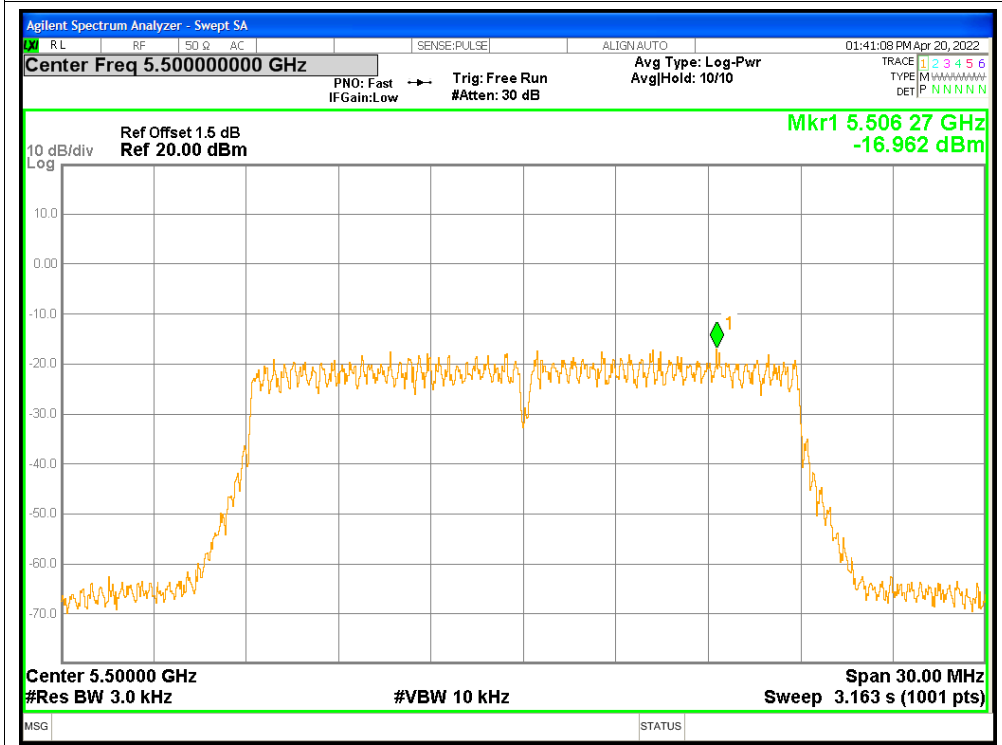
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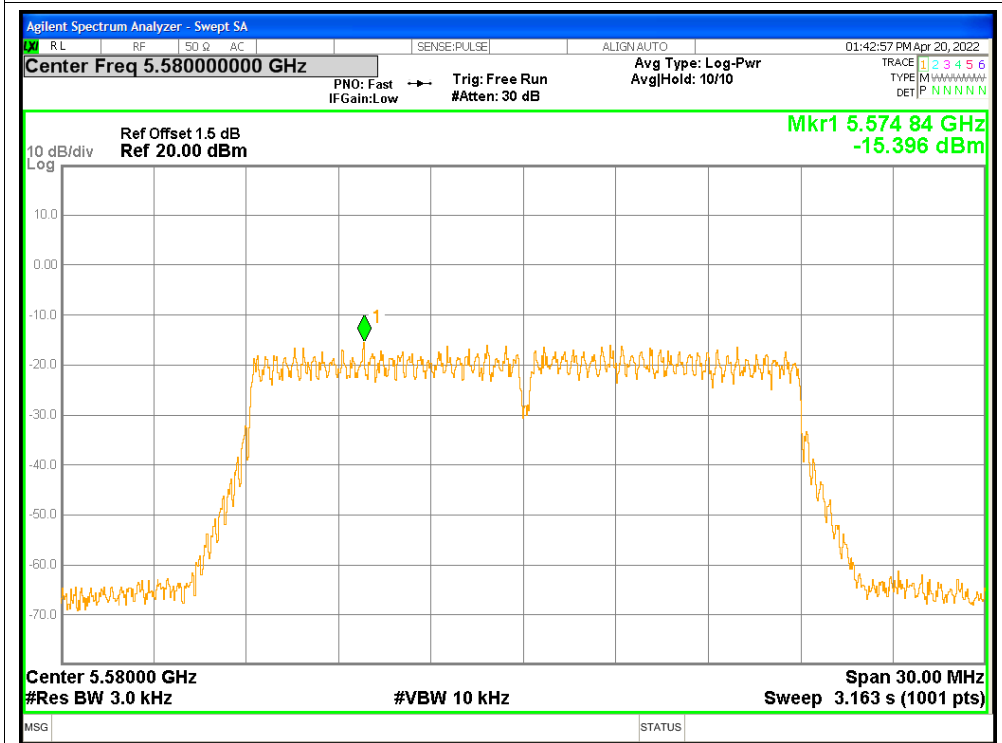
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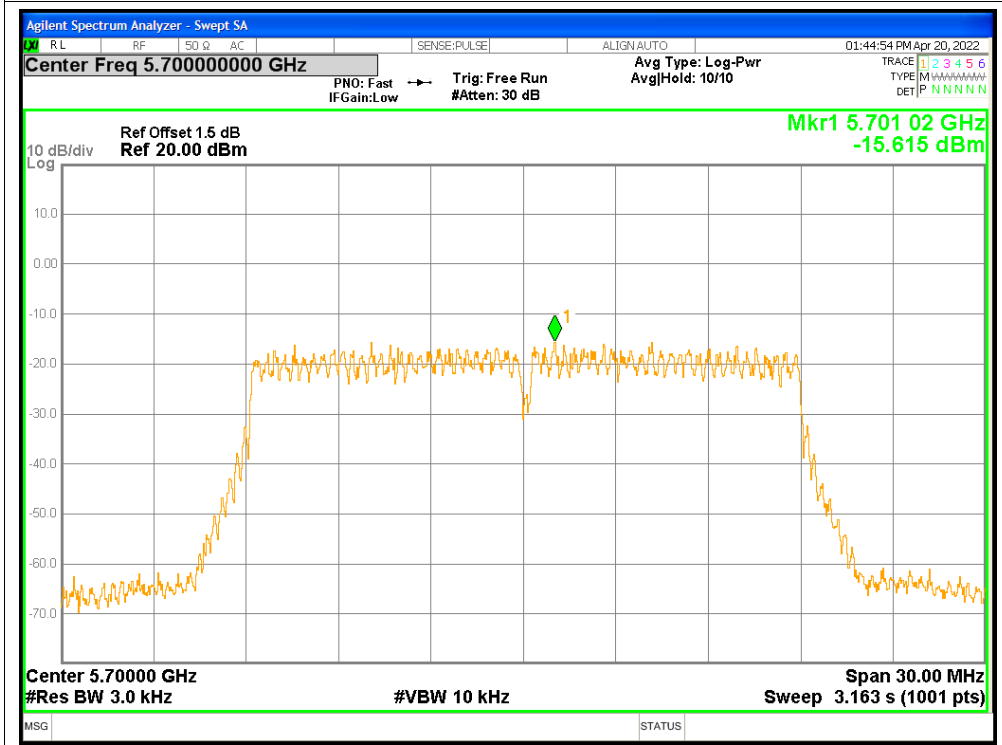
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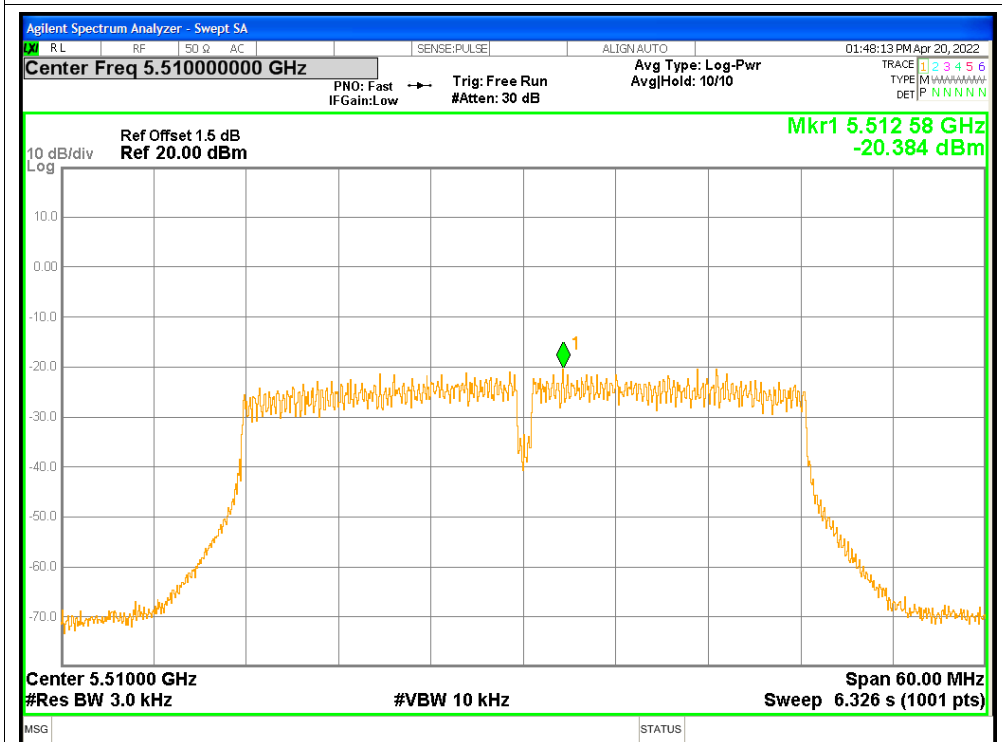
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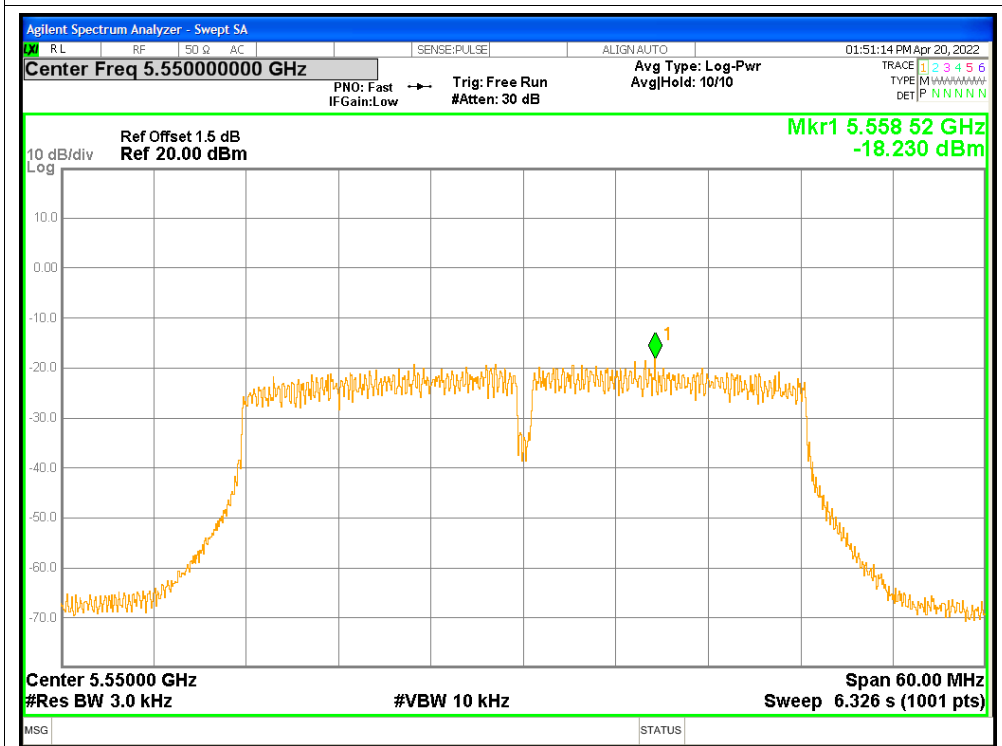
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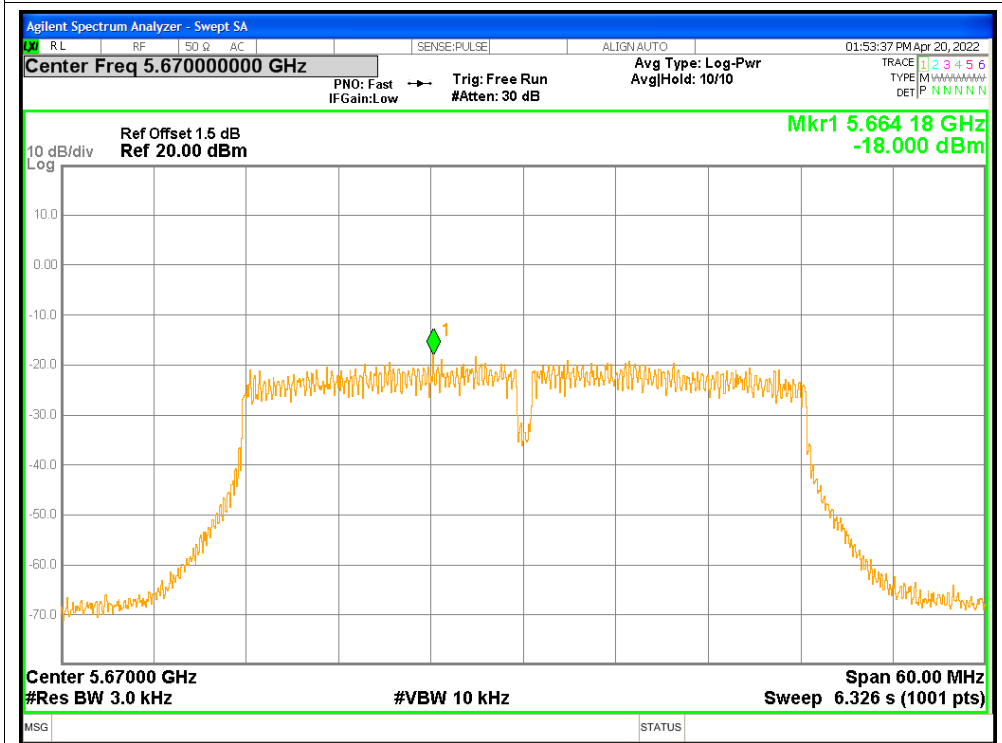
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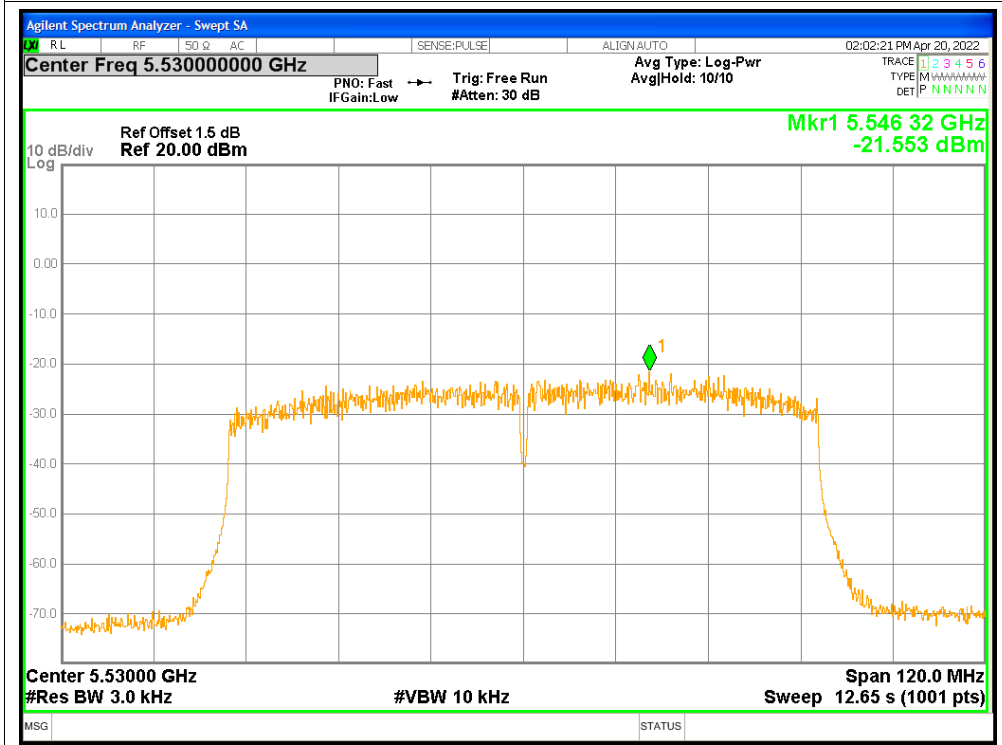
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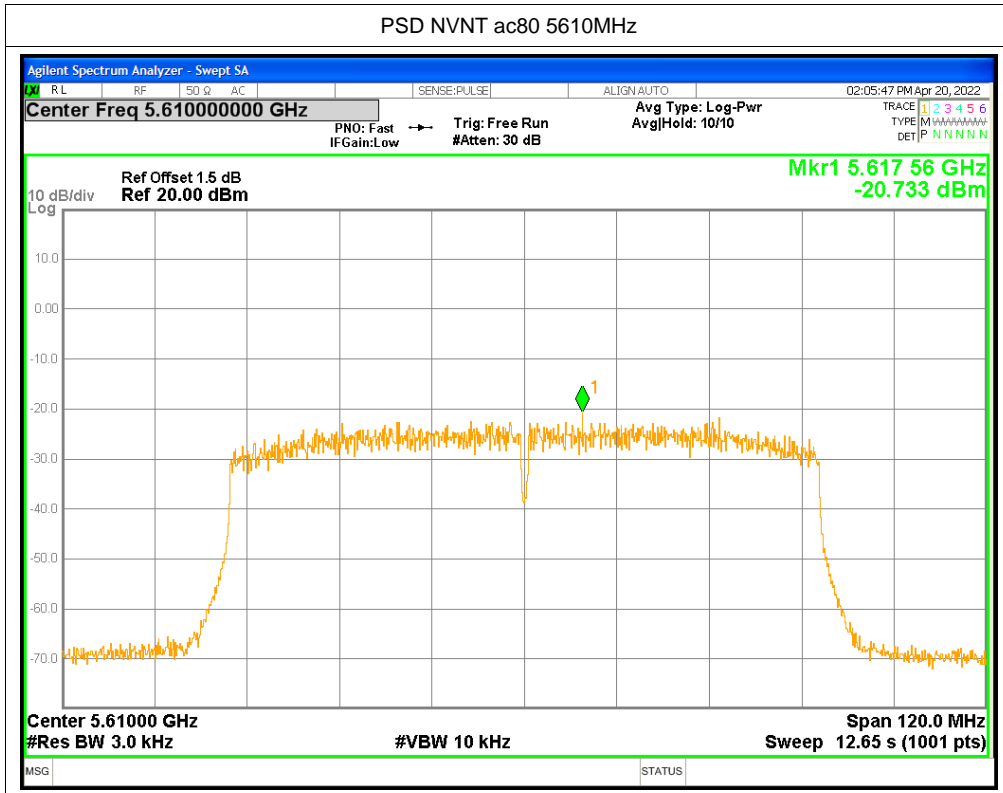


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PSD NVNT ac80 5530MHz

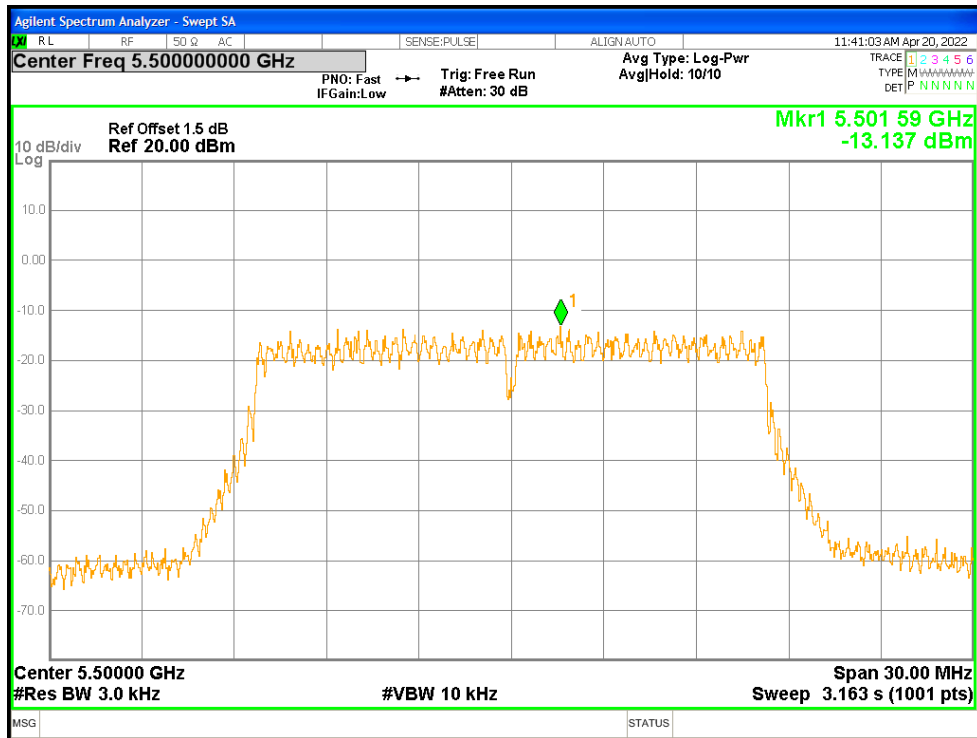




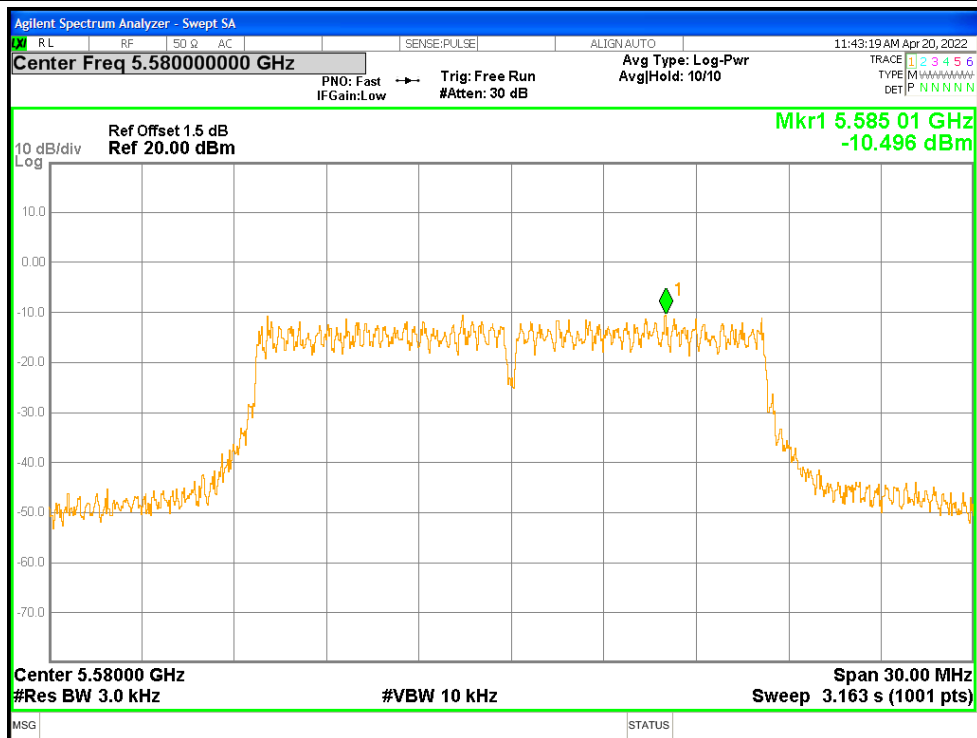
ANT B

Test Graphs

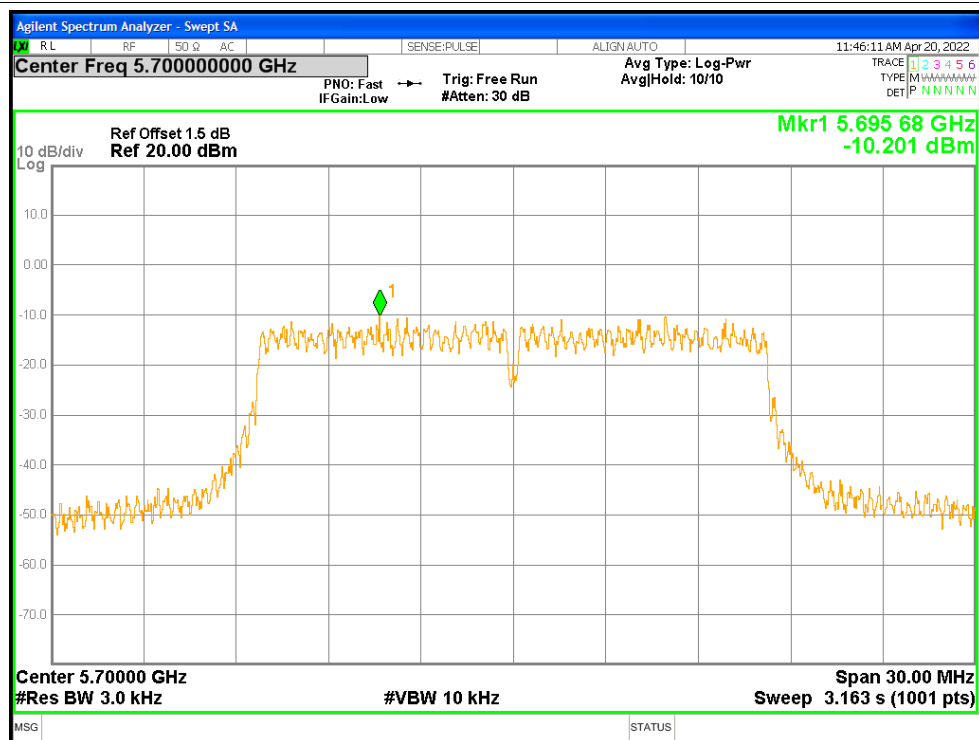
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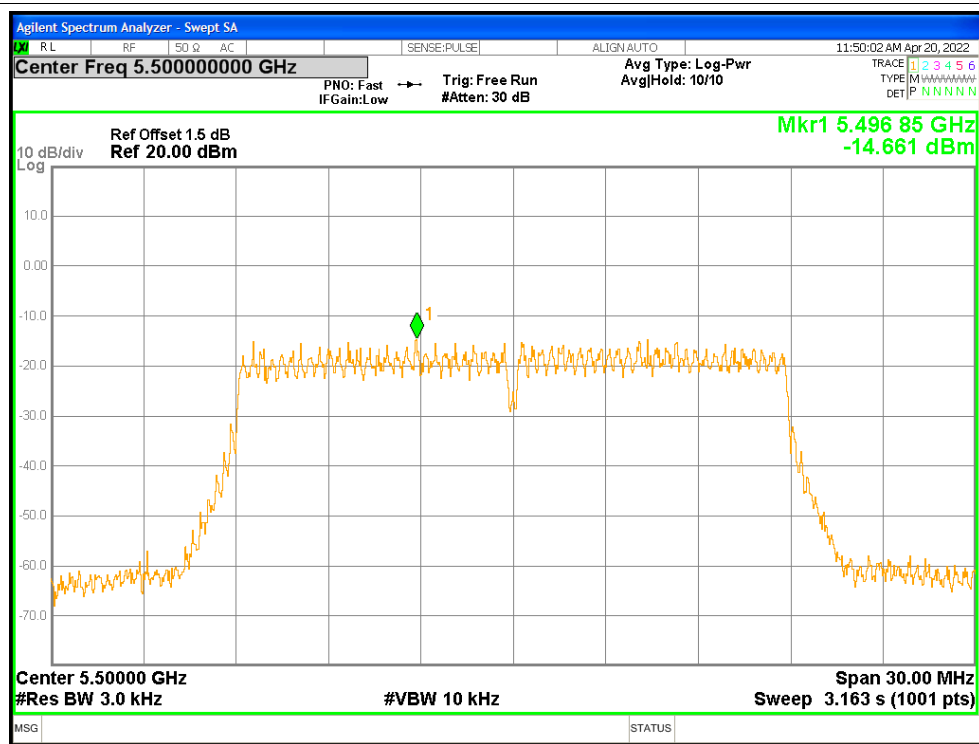
PSD NVNT a 5580MHz



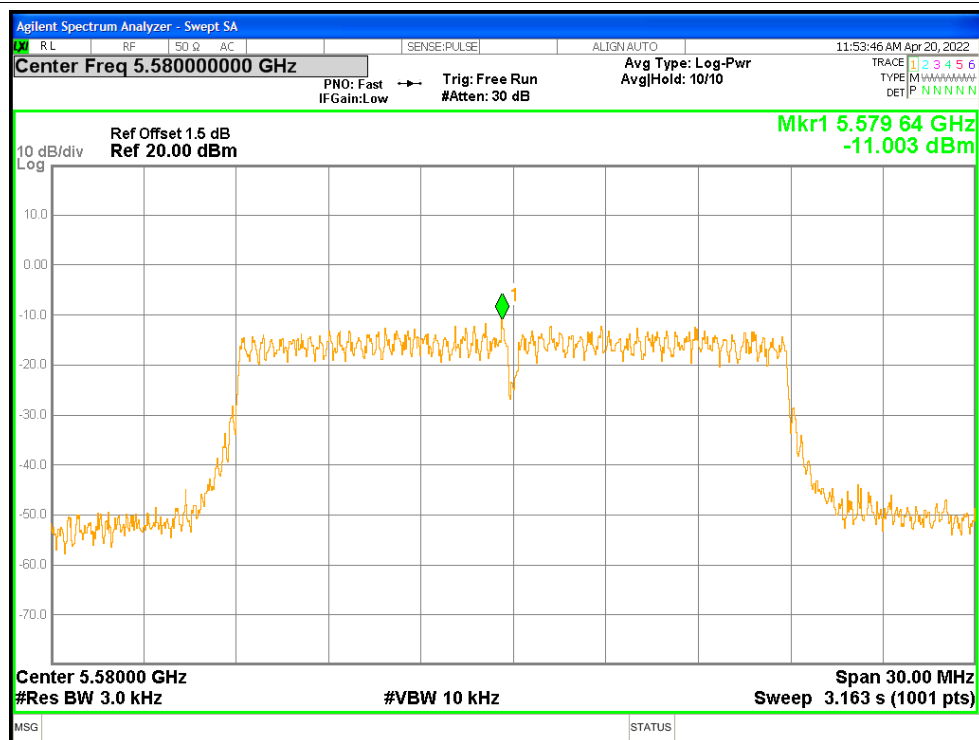
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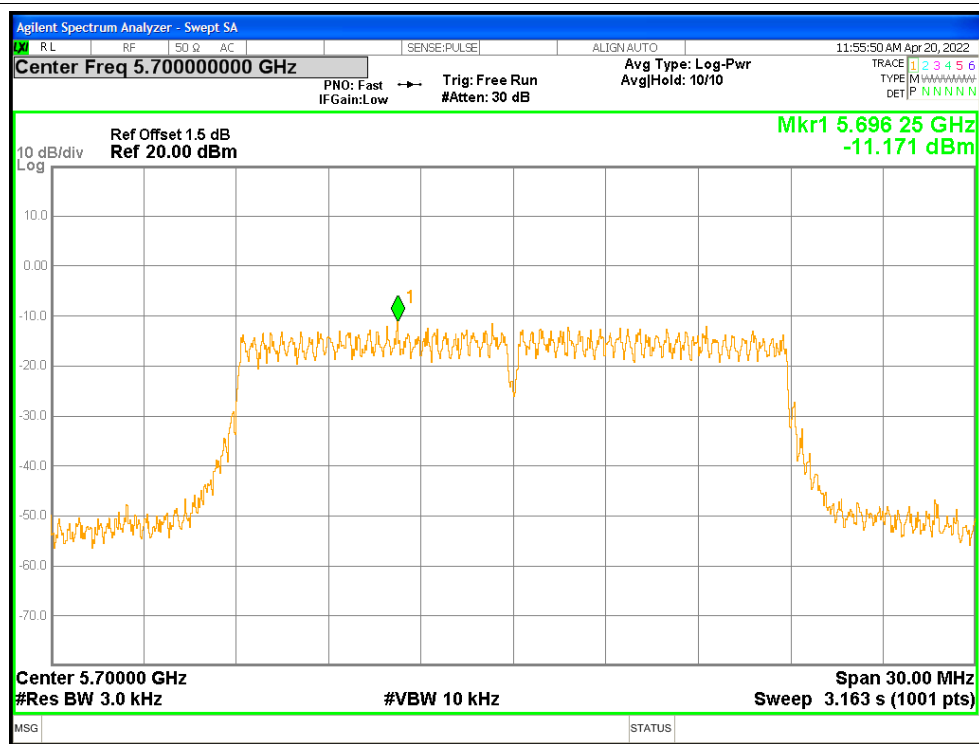
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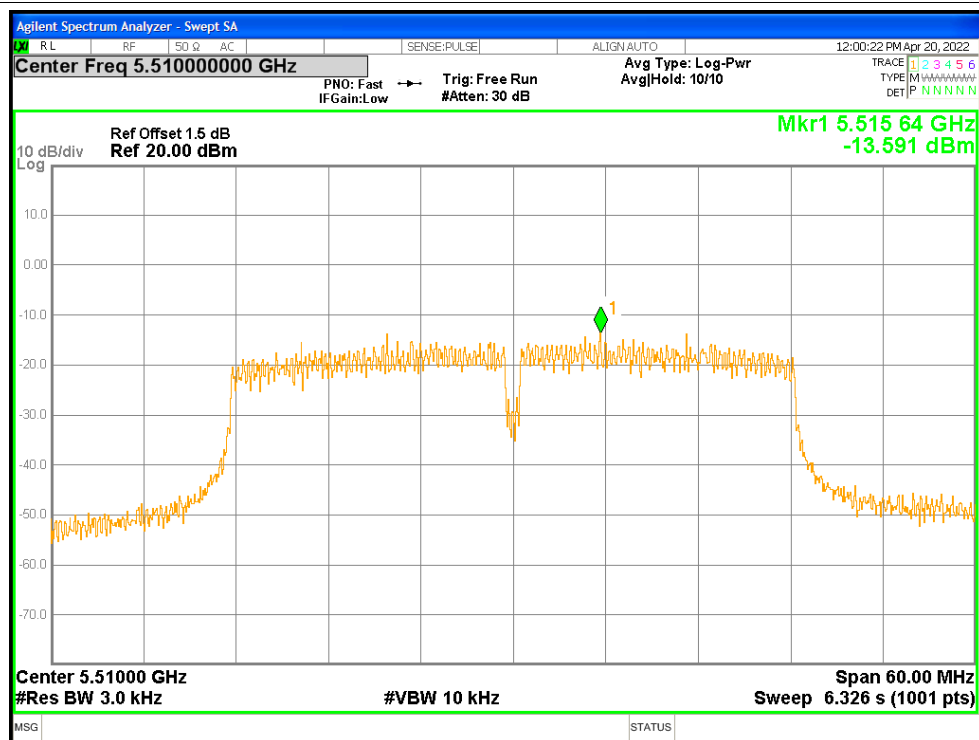
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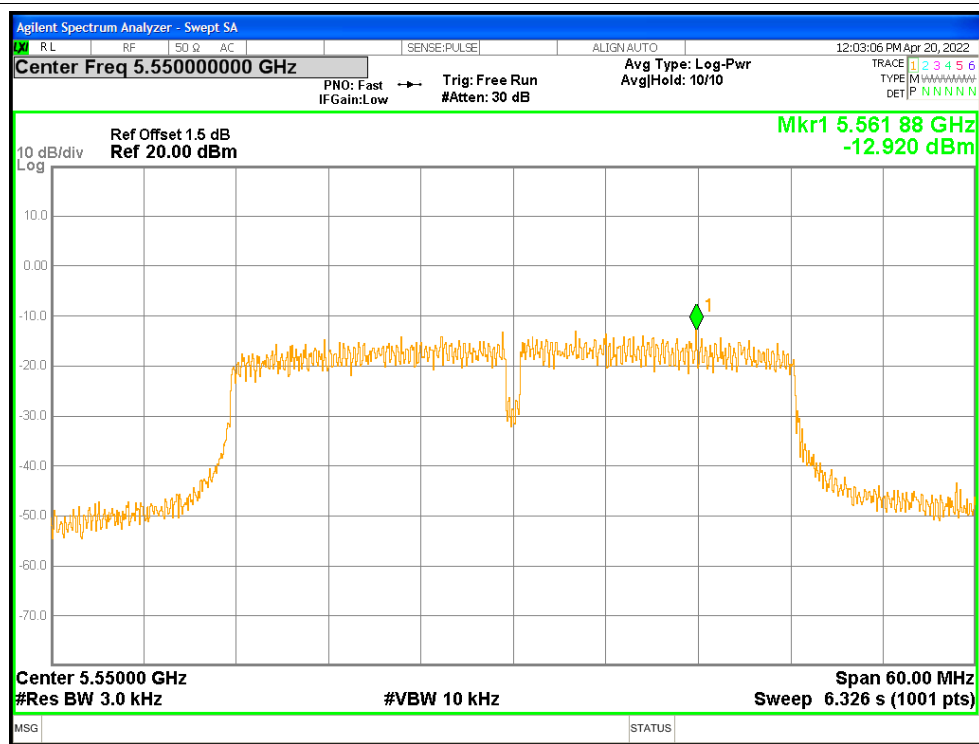
PSD NVNT n20 5700MHz



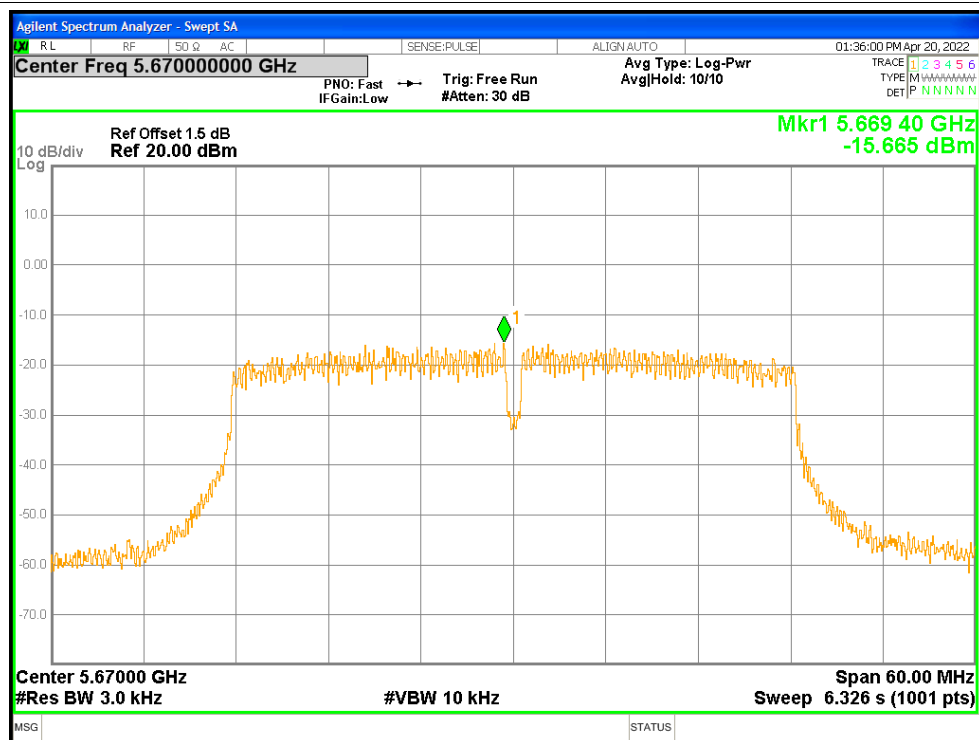
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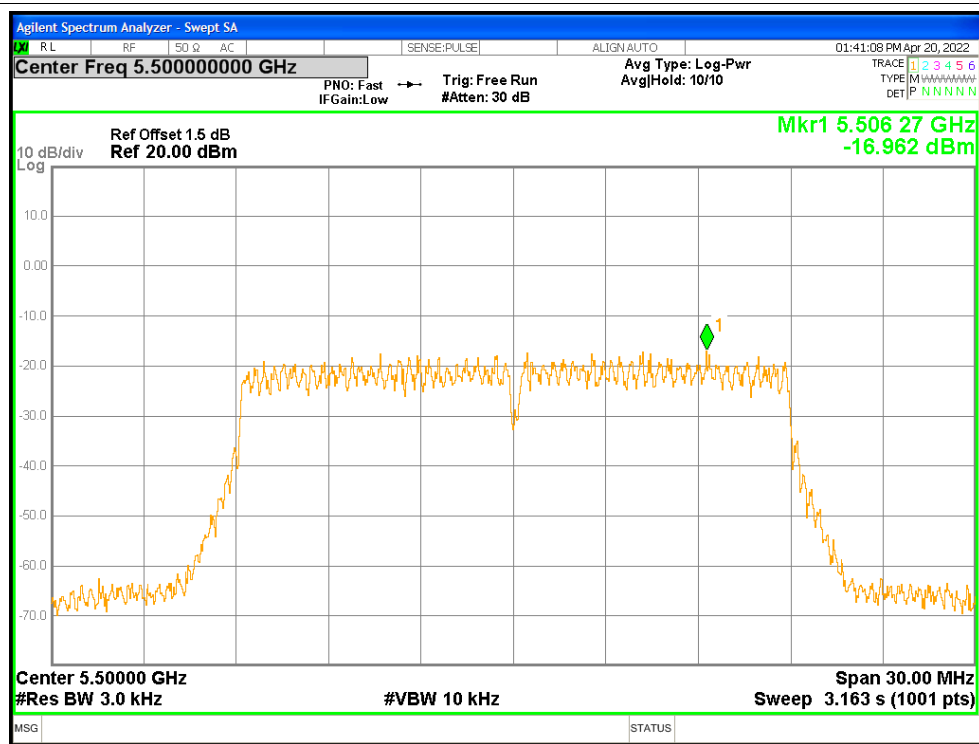
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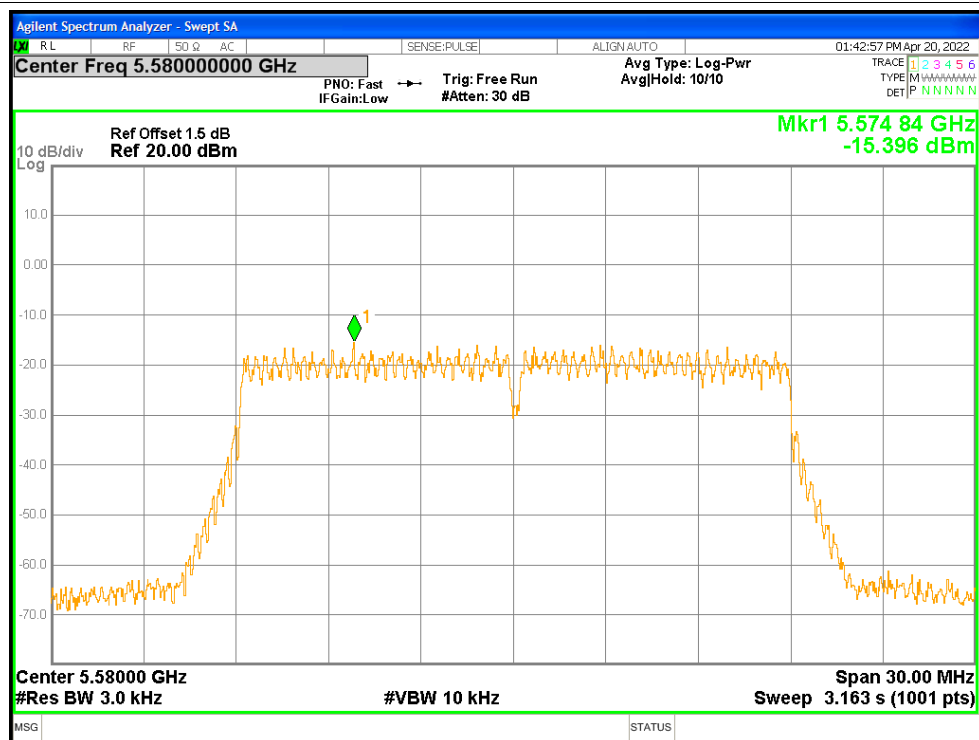
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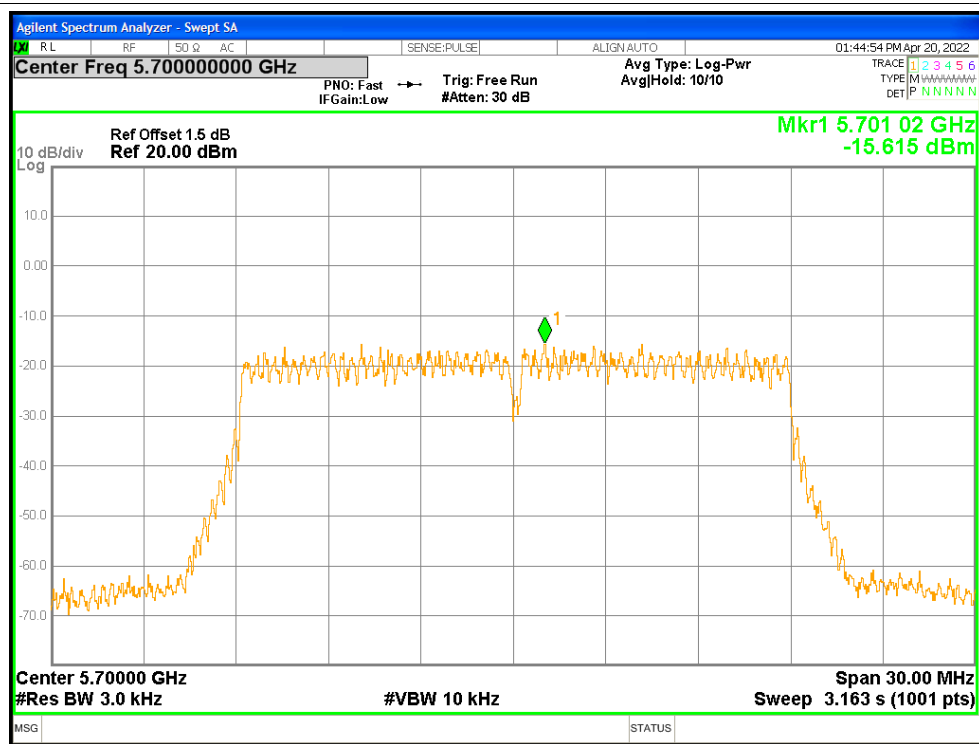
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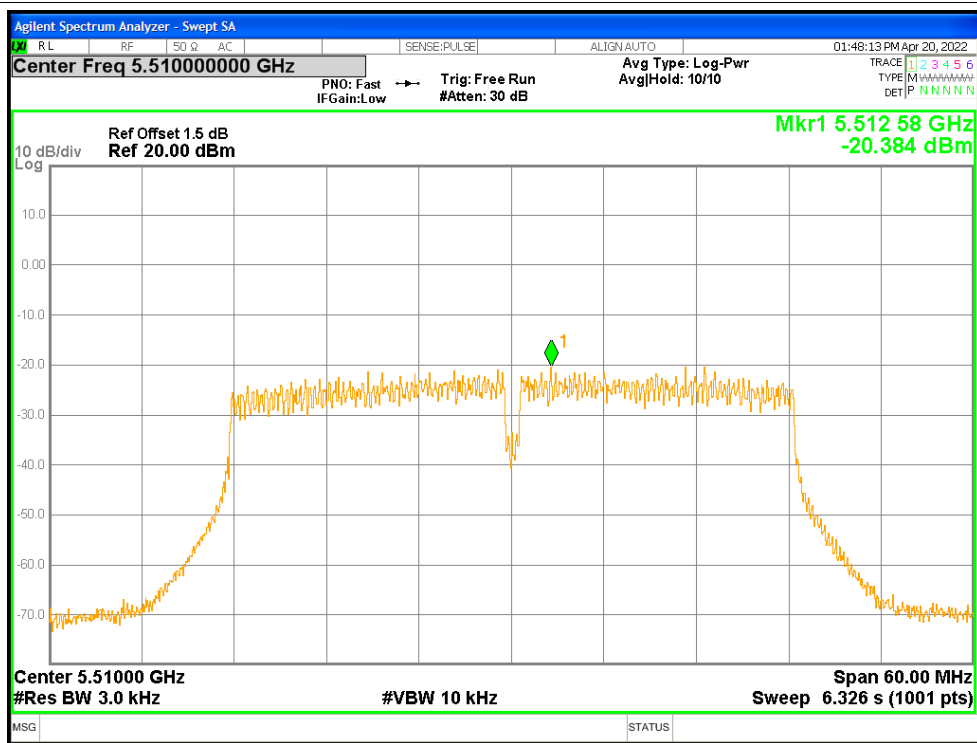
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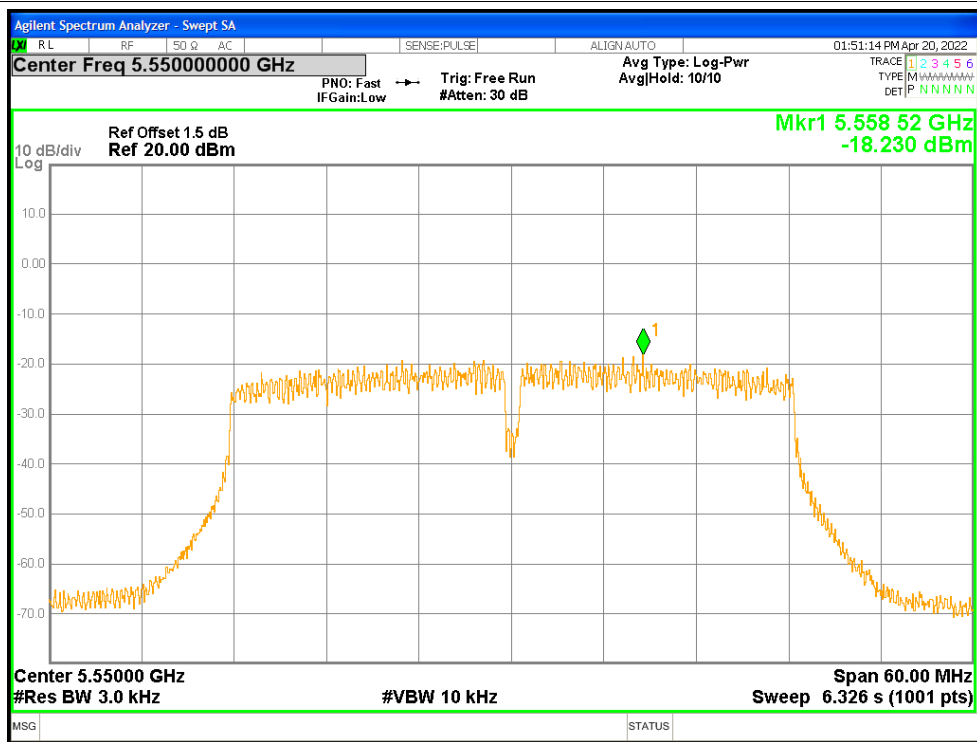
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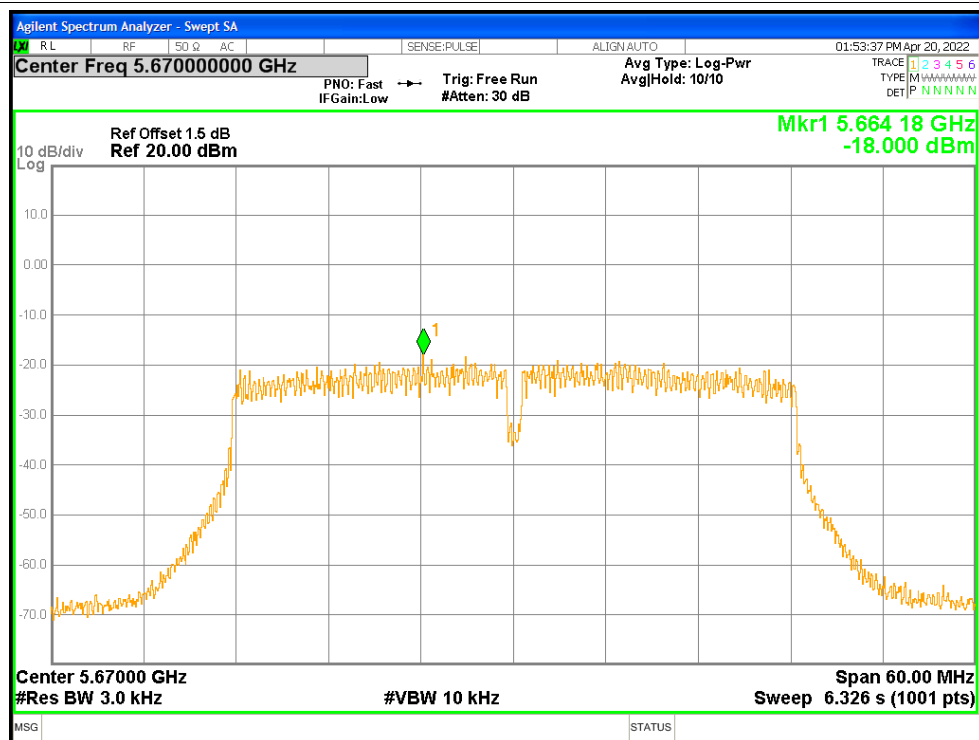
PSD NVNT ac40 5510MHz



PSD NVNT ac40 5550MHz



PSD NVNT ac40 5670MHz



PSD NVNT ac80 5530MHz

