

Test Graphs

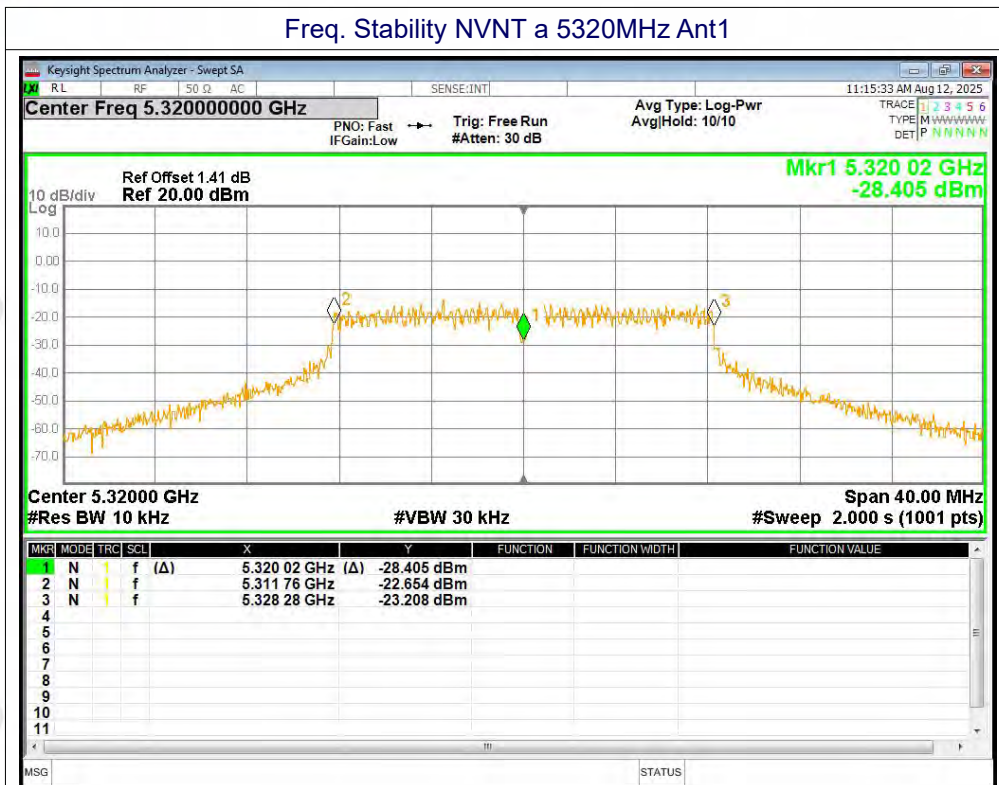
Freq. Stability NVNT a 5260MHz Ant1



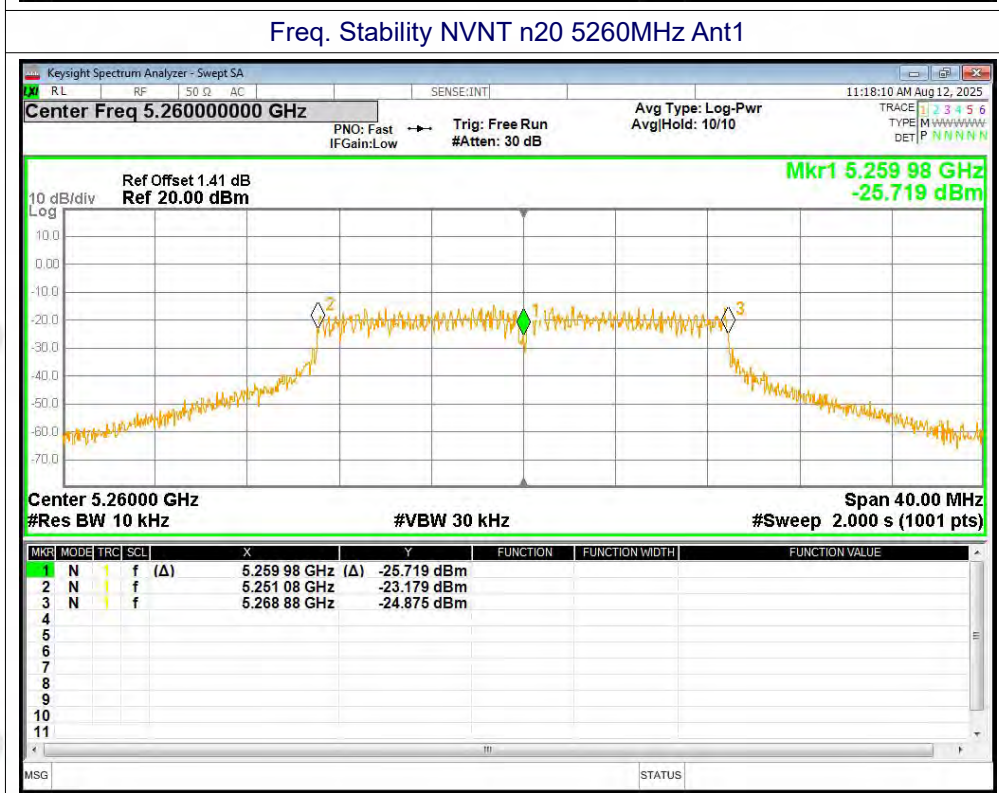
Freq. Stability NVNT a 5280MHz Ant1



Freq. Stability NVNT a 5320MHz Ant1



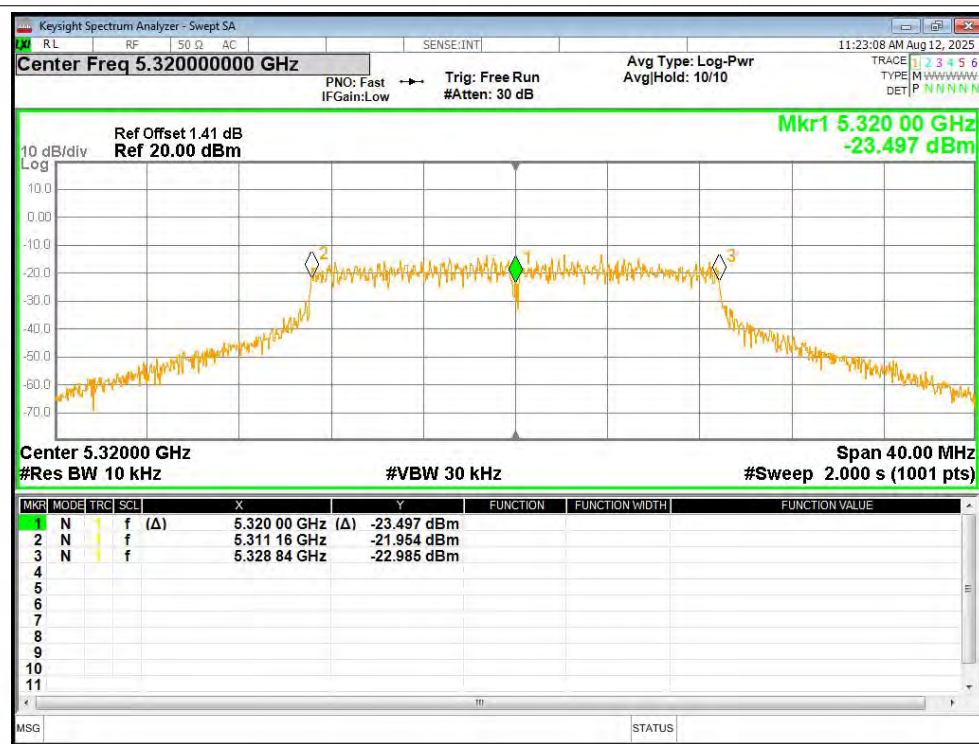
Freq. Stability NVNT n20 5260MHz Ant1



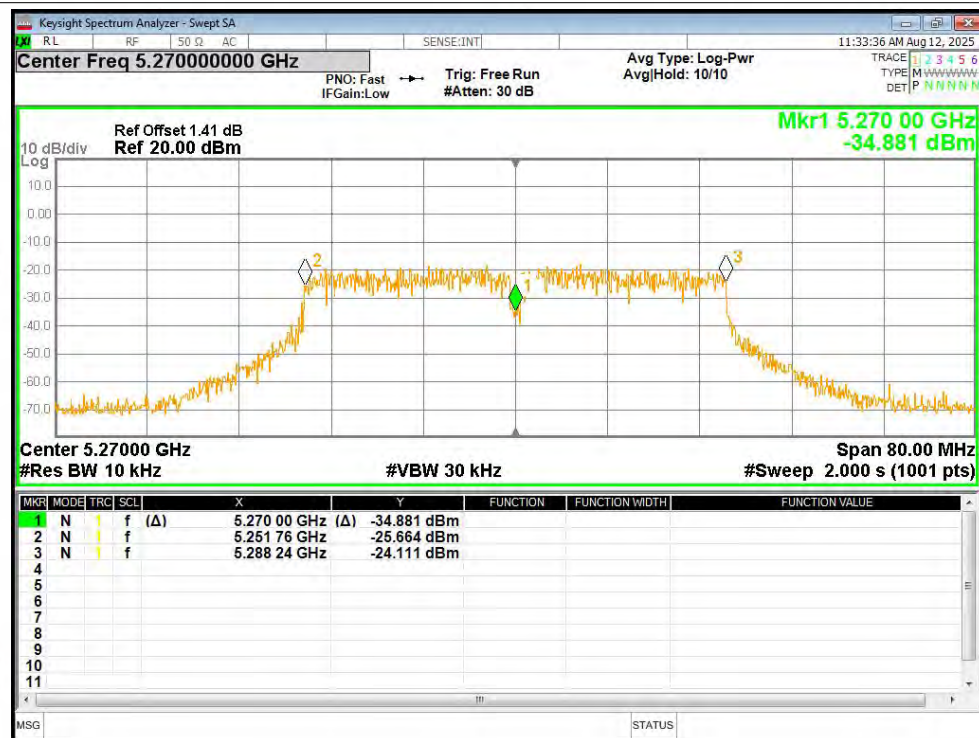
Freq. Stability NVNT n20 5280MHz Ant1



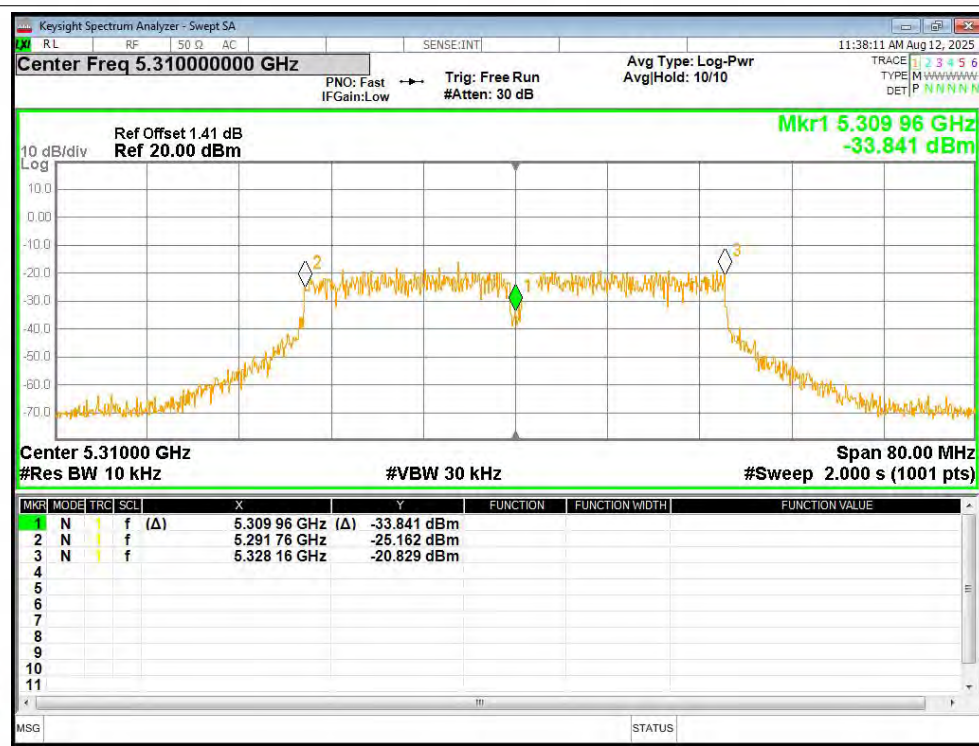
Freq. Stability NVNT n20 5320MHz Ant1



Freq. Stability NVNT n40 5270MHz Ant1



Freq. Stability NVNT n40 5310MHz Ant1



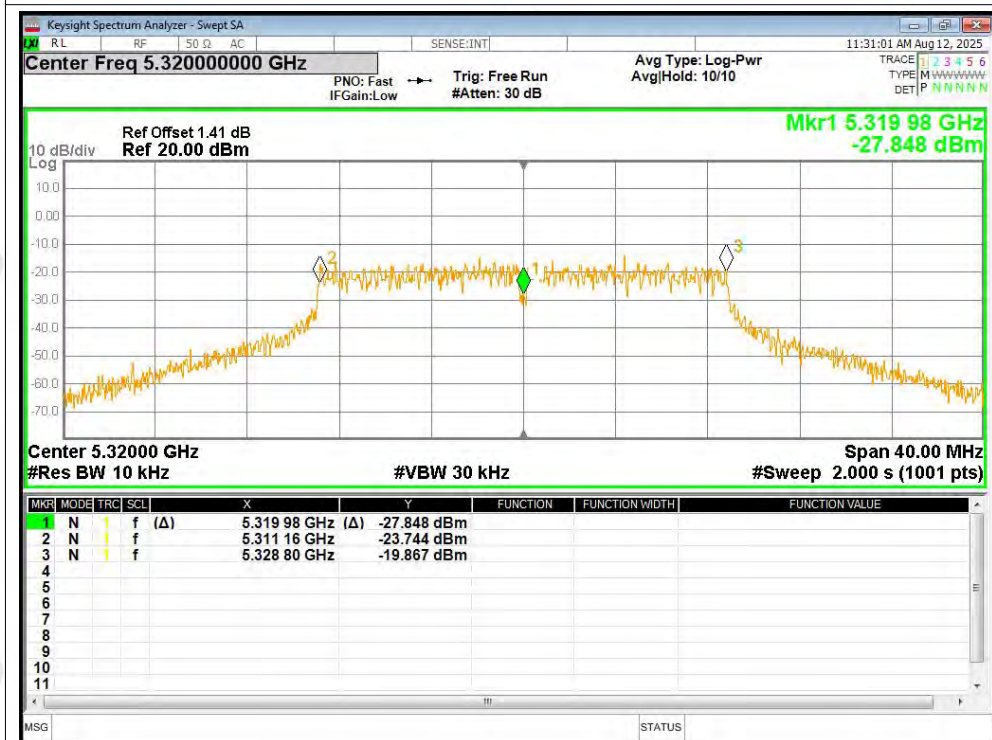
Freq. Stability NVNT ac20 5260MHz Ant1



Freq. Stability NVNT ac20 5280MHz Ant1

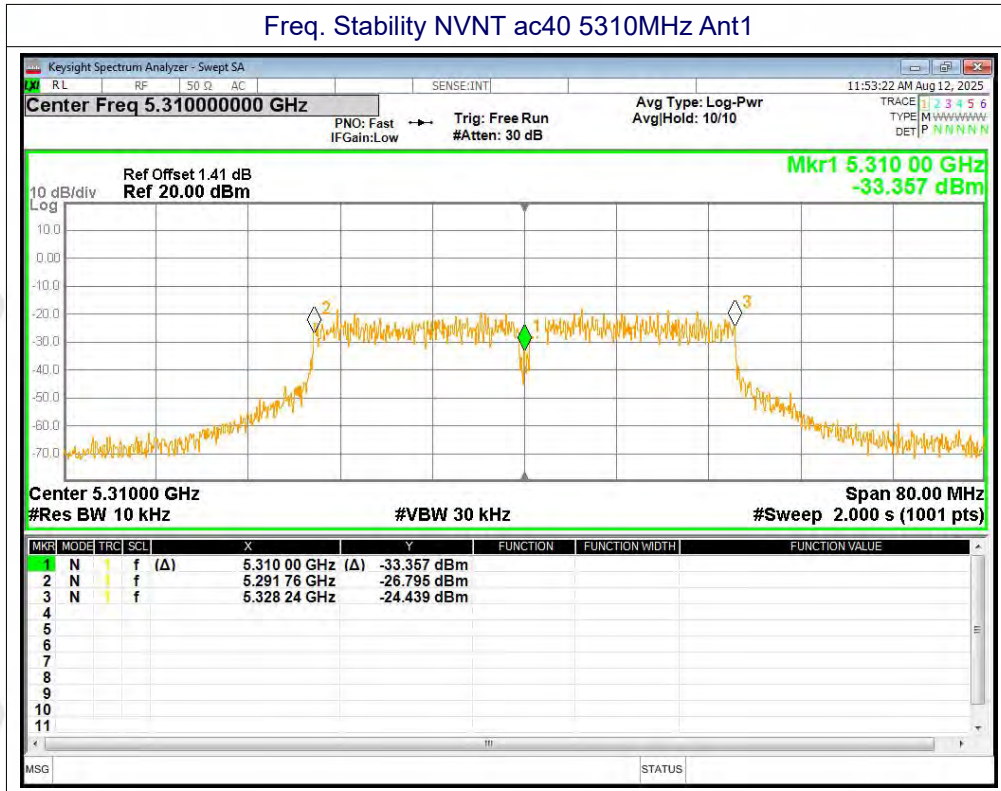


Freq. Stability NVNT ac20 5320MHz Ant1



Freq. Stability NVNT ac40 5270MHz Ant1







Conducted RF Spurious Emission

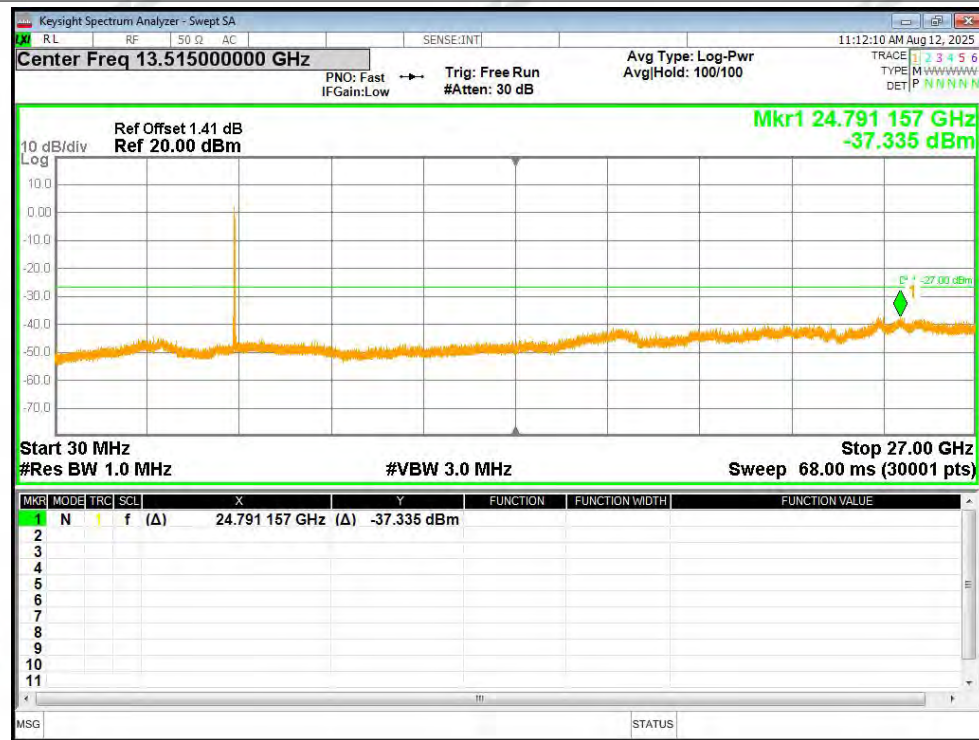
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	ANT Gain (dBi)	EIRP Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-37.26	1.56	-35.7	-27	Pass
NVNT	a	5280	Ant1	-37.33	1.56	-35.77	-27	Pass
NVNT	a	5320	Ant1	-37.26	1.56	-35.7	-27	Pass
NVNT	n20	5260	Ant1	-37.36	1.56	-35.8	-27	Pass
NVNT	n20	5280	Ant1	-37.08	1.56	-35.52	-27	Pass
NVNT	n20	5320	Ant1	-37.02	1.56	-35.46	-27	Pass
NVNT	n40	5270	Ant1	-37.37	1.56	-35.81	-27	Pass
NVNT	n40	5310	Ant1	-37.06	1.56	-35.5	-27	Pass
NVNT	ac20	5260	Ant1	-37.45	1.56	-35.89	-27	Pass
NVNT	ac20	5280	Ant1	-37.27	1.56	-35.71	-27	Pass
NVNT	ac20	5320	Ant1	-37.47	1.56	-35.91	-27	Pass
NVNT	ac40	5270	Ant1	-37.21	1.56	-35.65	-27	Pass
NVNT	ac40	5310	Ant1	-37.55	1.56	-35.99	-27	Pass

Test Graphs

Tx. Spurious NVNT a 5260MHz Ant1 Emission



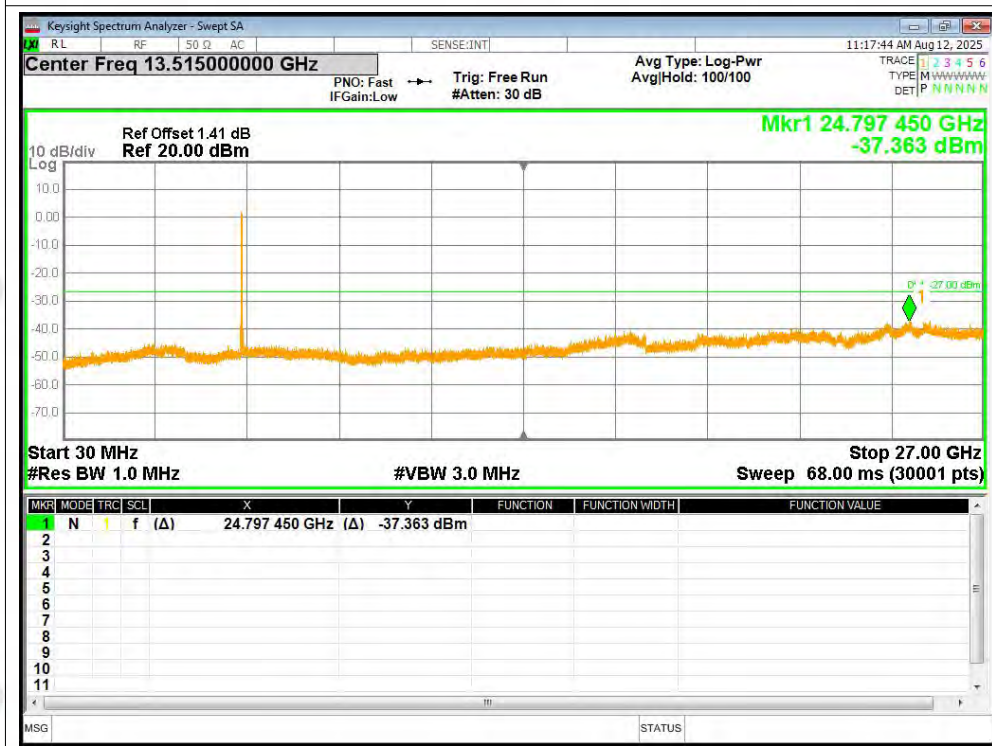
Tx. Spurious NVNT a 5280MHz Ant1 Emission



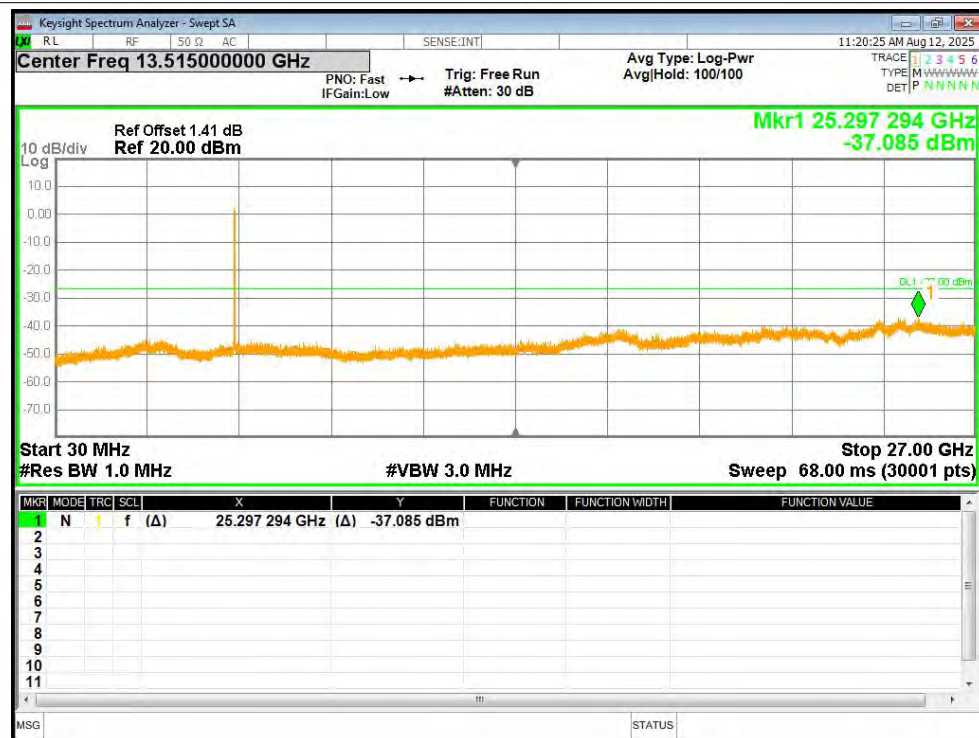
Tx. Spurious NVNT a 5320MHz Ant1 Emission



Tx. Spurious NVNT n20 5260MHz Ant1 Emission



Tx. Spurious NVNT n20 5280MHz Ant1 Emission



Tx. Spurious NVNT n20 5320MHz Ant1 Emission



Tx. Spurious NVNT n40 5270MHz Ant1 Emission



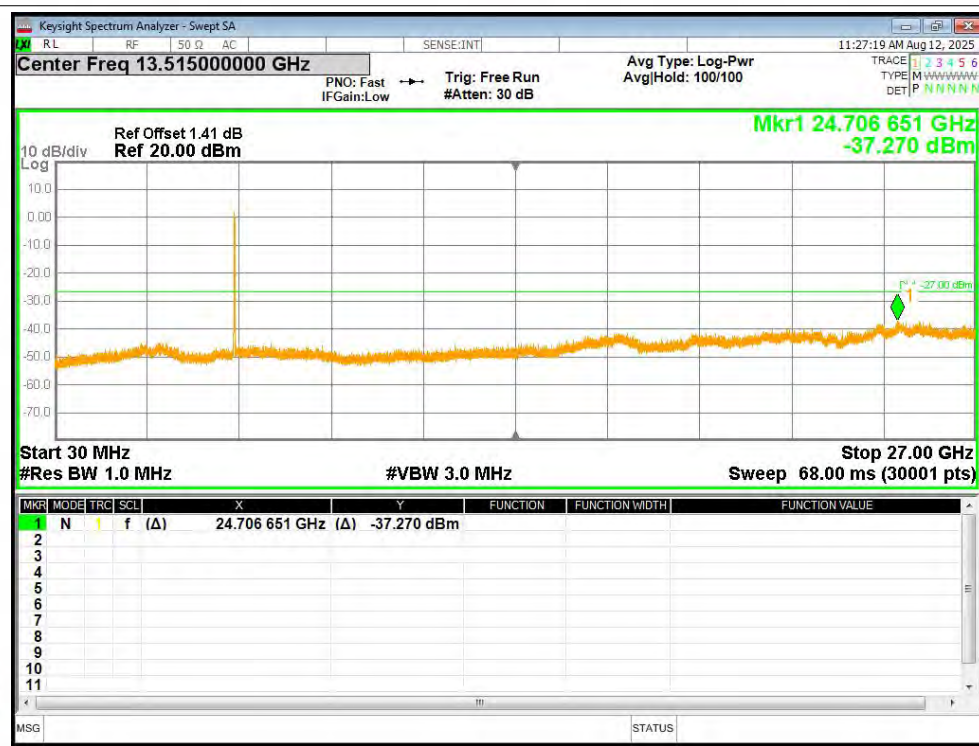
Tx. Spurious NVNT n40 5310MHz Ant1 Emission



Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



Tx. Spurious NVNT ac40 5270MHz Ant1 Emission





5.6G WIFI DATA

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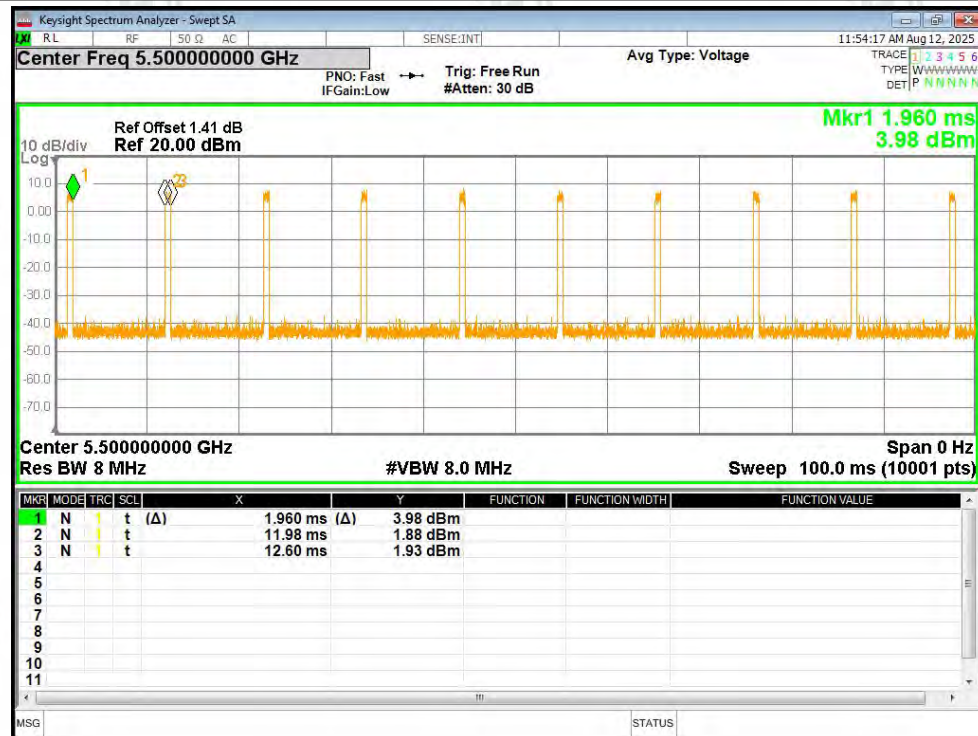
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Duty Cycle

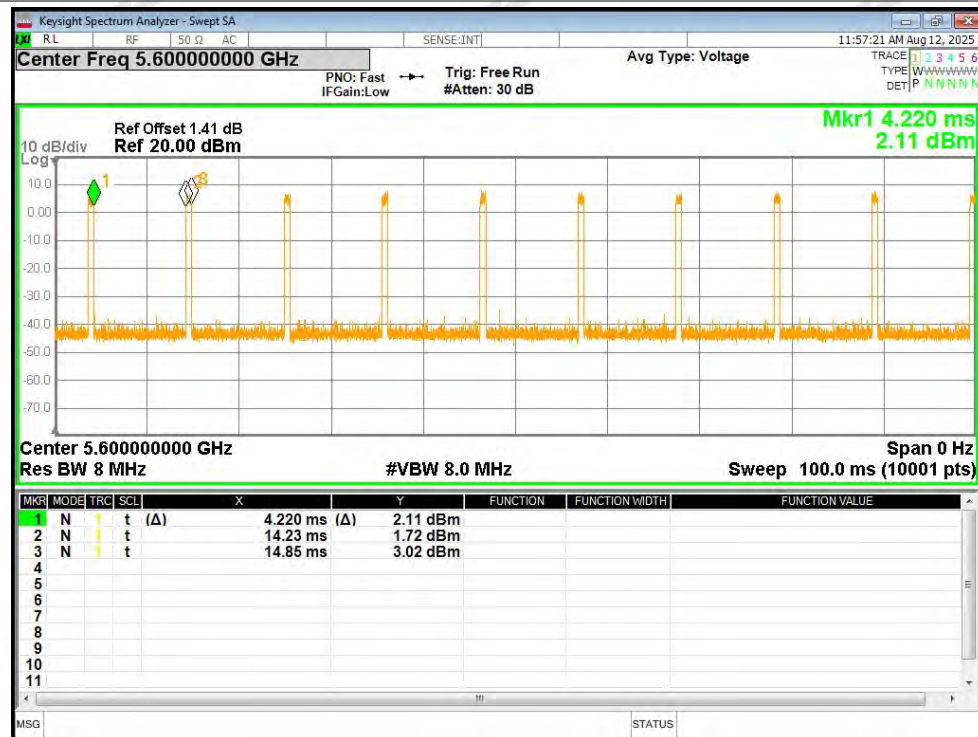
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	5.83	12.34	1.61
NVNT	a	5600	Ant1	5.83	12.34	1.61
NVNT	a	5700	Ant1	5.83	12.34	1.61
NVNT	n20	5500	Ant1	5.02	12.99	1.89
NVNT	n20	5600	Ant1	5.02	12.99	1.89
NVNT	n20	5700	Ant1	5.02	12.99	1.89
NVNT	n40	5510	Ant1	2.62	15.82	3.7
NVNT	n40	5670	Ant1	2.62	15.82	3.7
NVNT	ac20	5500	Ant1	4.3	13.67	2.22
NVNT	ac20	5600	Ant1	4.29	13.68	2.22
NVNT	ac20	5700	Ant1	4.3	13.67	2.22
NVNT	ac40	5510	Ant1	2.15	16.68	4.55
NVNT	ac40	5670	Ant1	2.15	16.68	4.55

Test Graphs

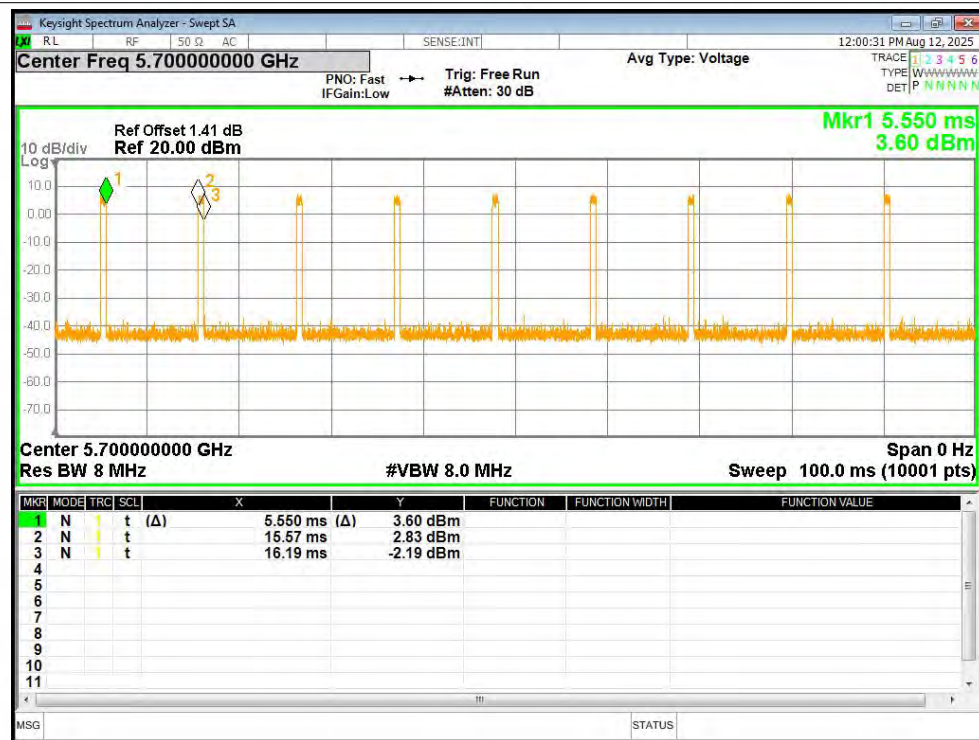
Duty Cycle NVNT a 5500MHz Ant1



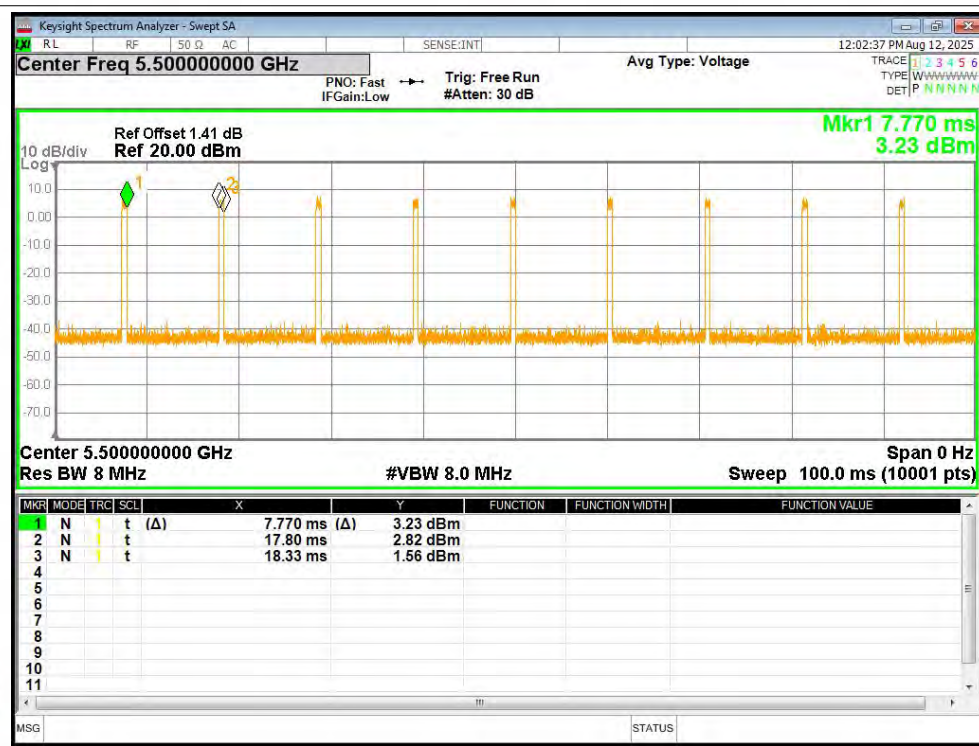
Duty Cycle NVNT a 5600MHz Ant1



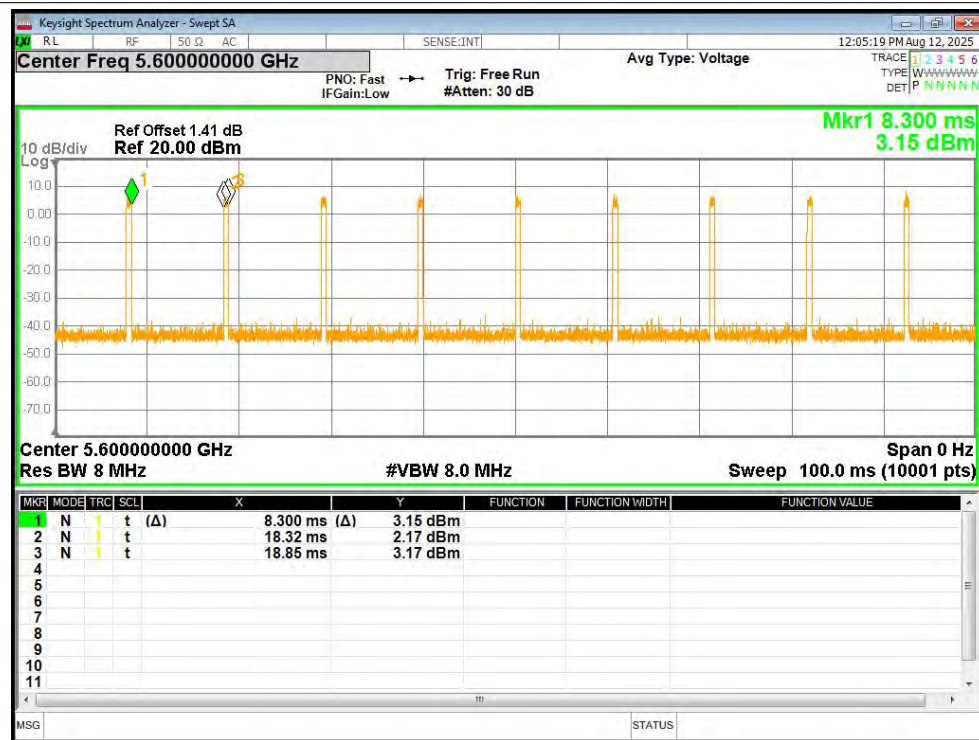
Duty Cycle NVNT a 5700MHz Ant1



Duty Cycle NVNT n20 5500MHz Ant1



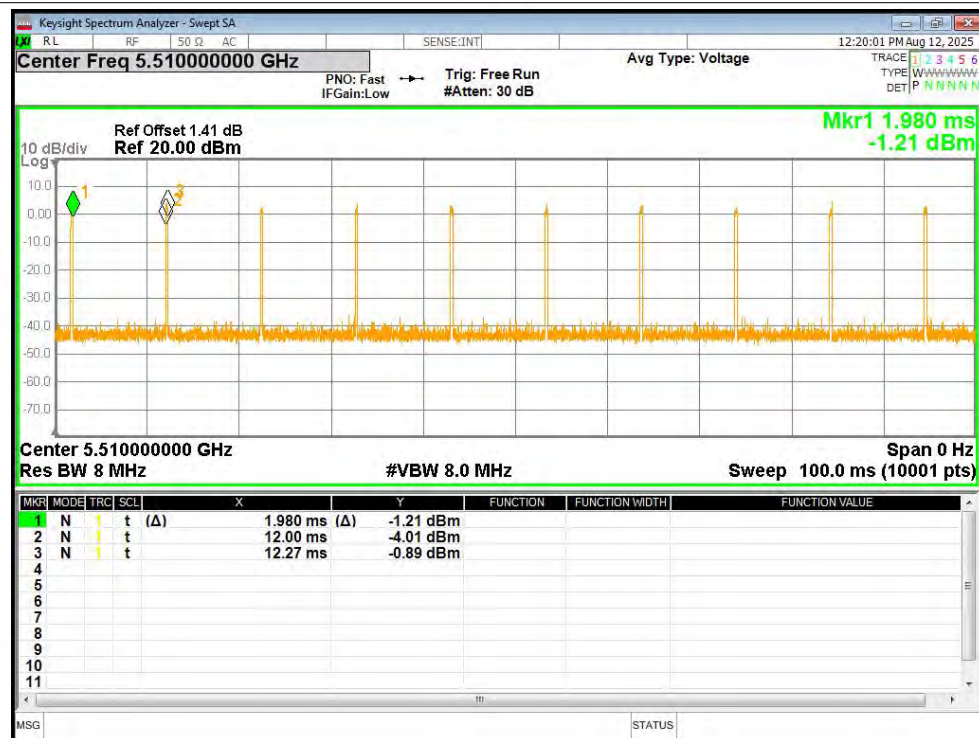
Duty Cycle NVNT n20 5600MHz Ant1



Duty Cycle NVNT n20 5700MHz Ant1



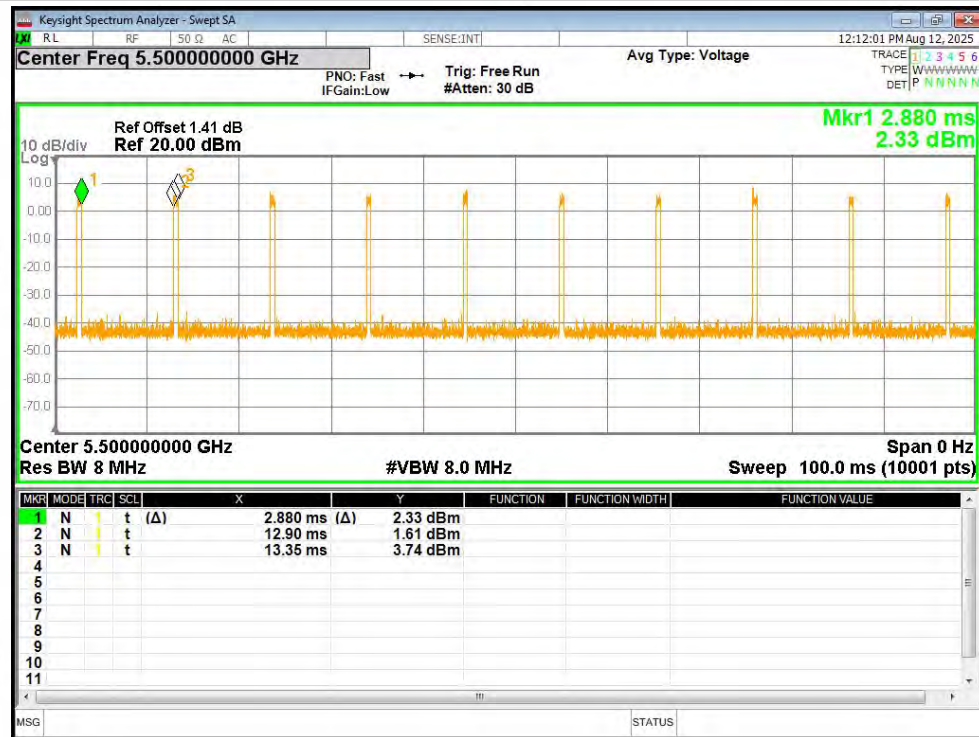
Duty Cycle NVNT n40 5510MHz Ant1



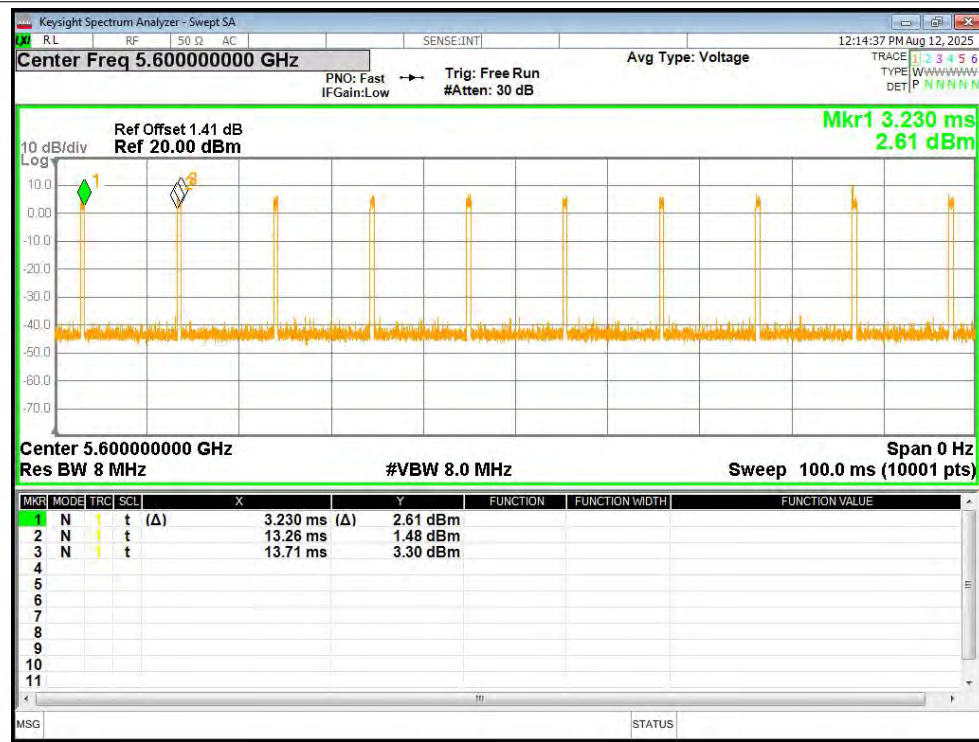
Duty Cycle NVNT n40 5670MHz Ant1



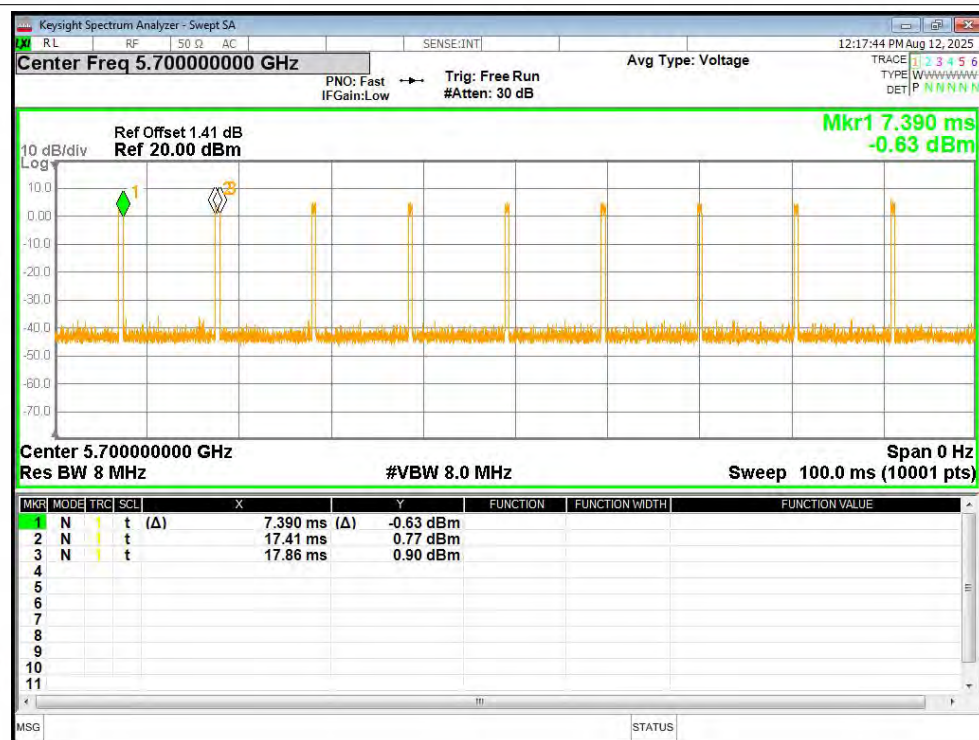
Duty Cycle NVNT ac20 5500MHz Ant1



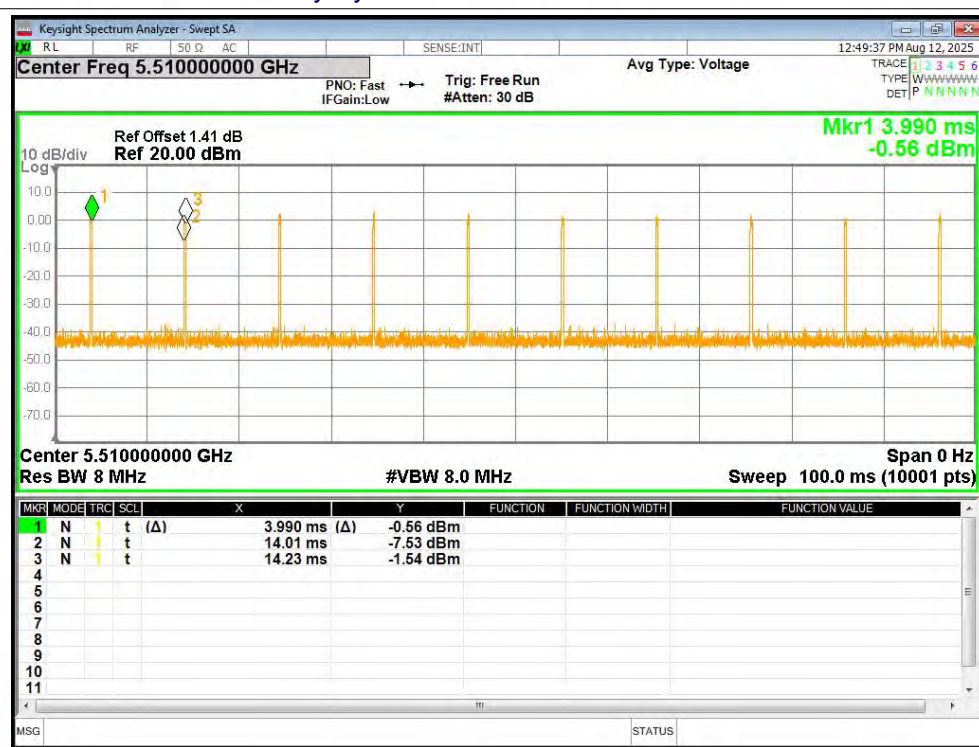
Duty Cycle NVNT ac20 5600MHz Ant1

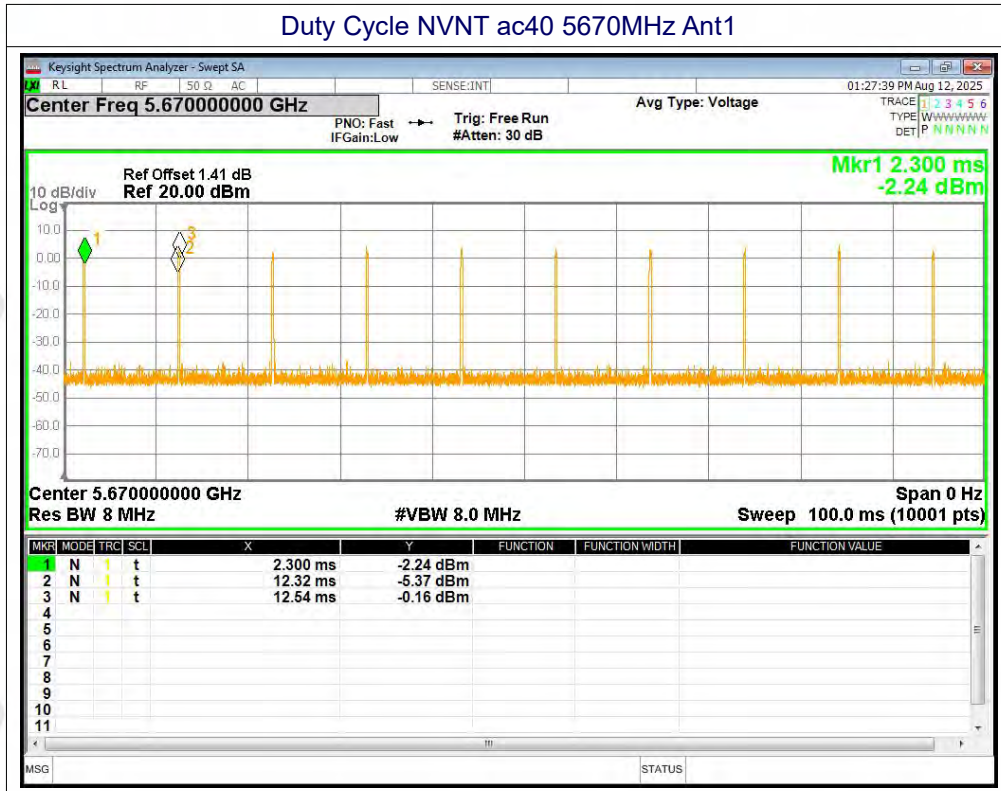


Duty Cycle NVNT ac20 5700MHz Ant1



Duty Cycle NVNT ac40 5510MHz Ant1





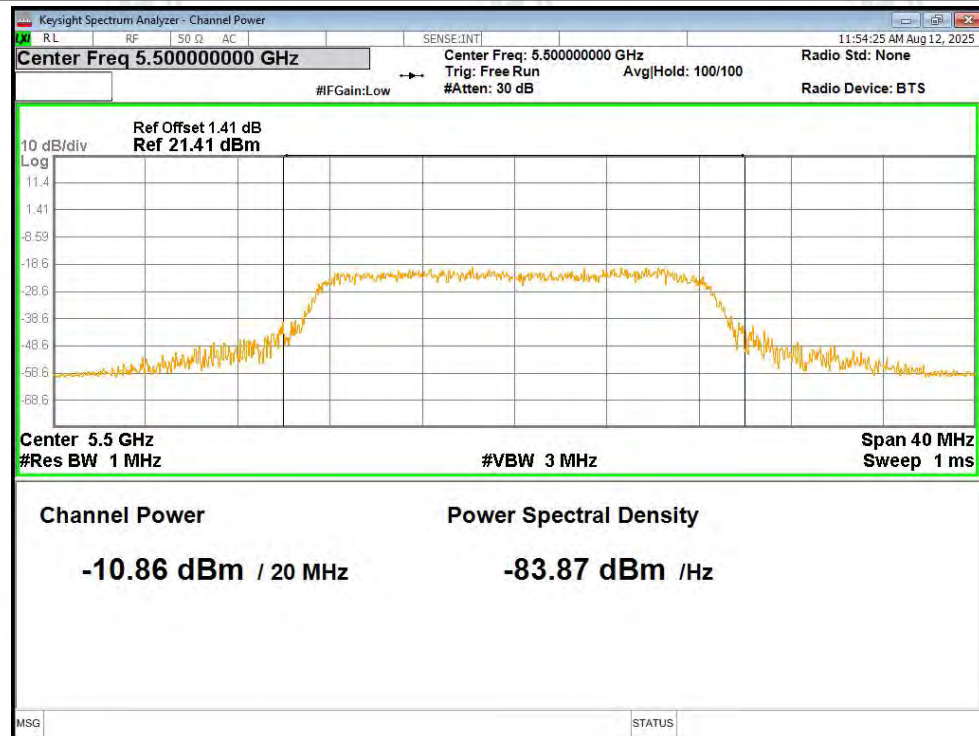


Maximum Conducted Output Power

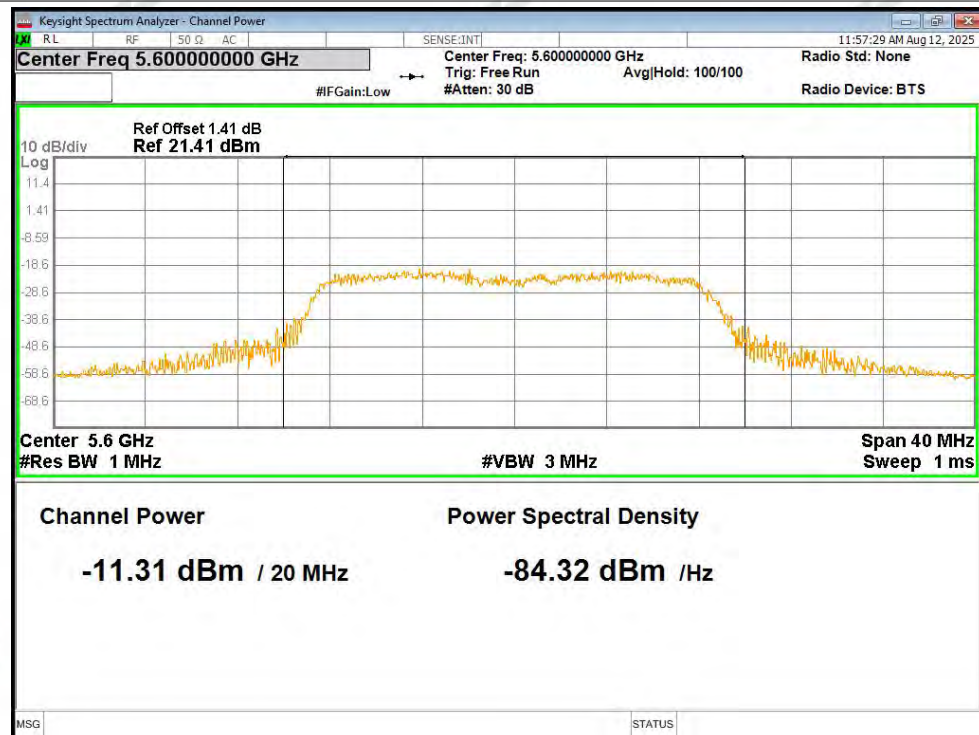
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-10.86	12.34	1.48	24	Pass
NVNT	a	5600	Ant1	-11.31	12.34	1.03	24	Pass
NVNT	a	5700	Ant1	-10.3	12.34	2.04	24	Pass
NVNT	n20	5500	Ant1	-12.17	12.99	0.82	24	Pass
NVNT	n20	5600	Ant1	-12.44	12.99	0.55	24	Pass
NVNT	n20	5700	Ant1	-10.8	12.99	2.19	24	Pass
NVNT	n40	5510	Ant1	-14.32	15.82	1.5	24	Pass
NVNT	n40	5670	Ant1	-13.2	15.82	2.62	24	Pass
NVNT	ac20	5500	Ant1	-12.53	13.67	1.14	24	Pass
NVNT	ac20	5600	Ant1	-14	13.68	-0.32	24	Pass
NVNT	ac20	5700	Ant1	-13.26	13.67	0.41	24	Pass
NVNT	ac40	5510	Ant1	-12.94	16.68	3.74	24	Pass
NVNT	ac40	5670	Ant1	-14.37	16.68	2.31	24	Pass

Test Graphs

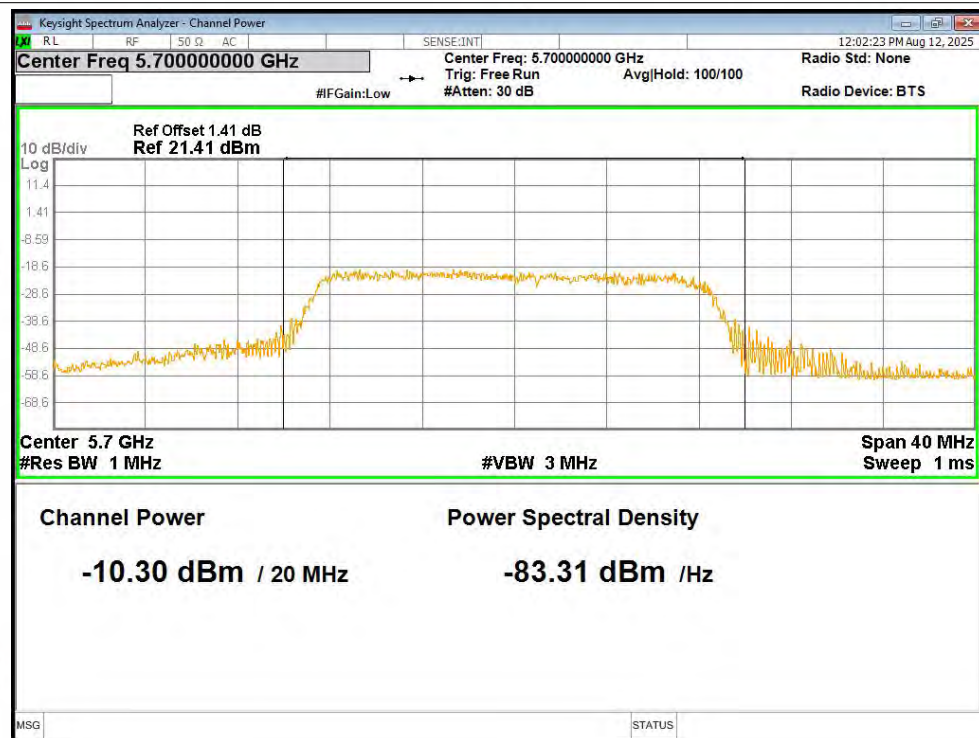
Power NVNT a 5500MHz Ant1



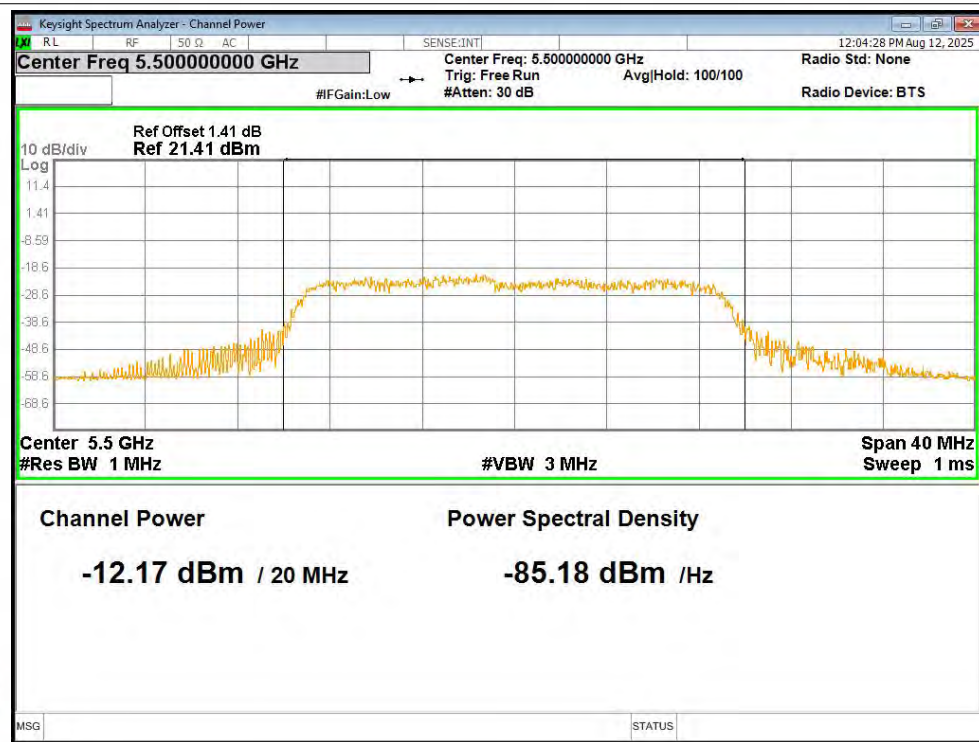
Power NVNT a 5600MHz Ant1



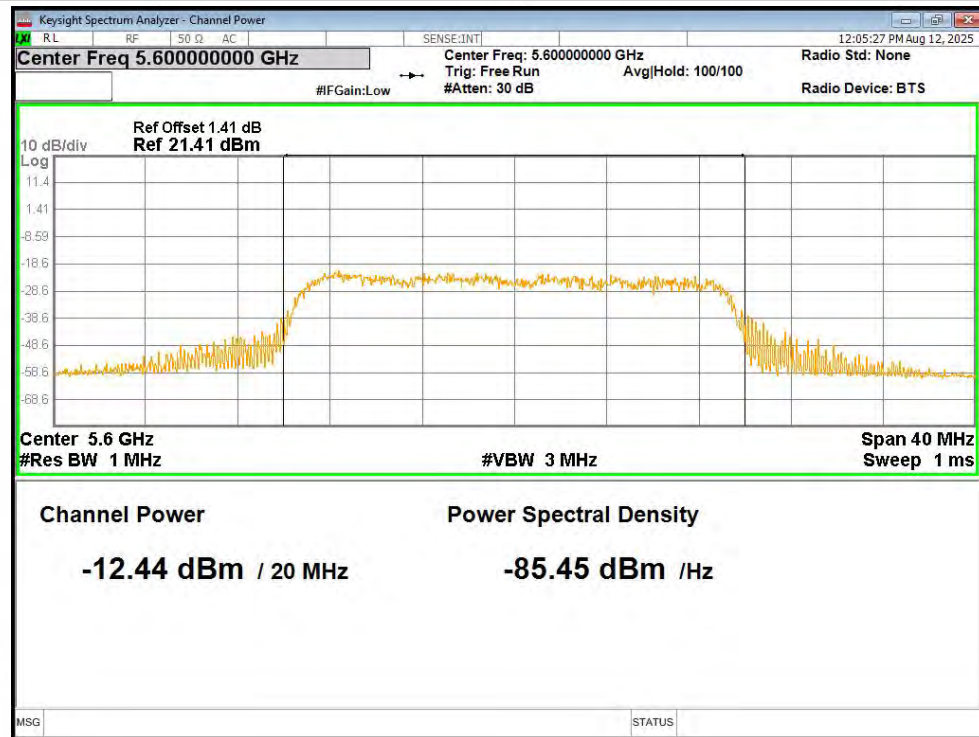
Power NVNT a 5700MHz Ant1



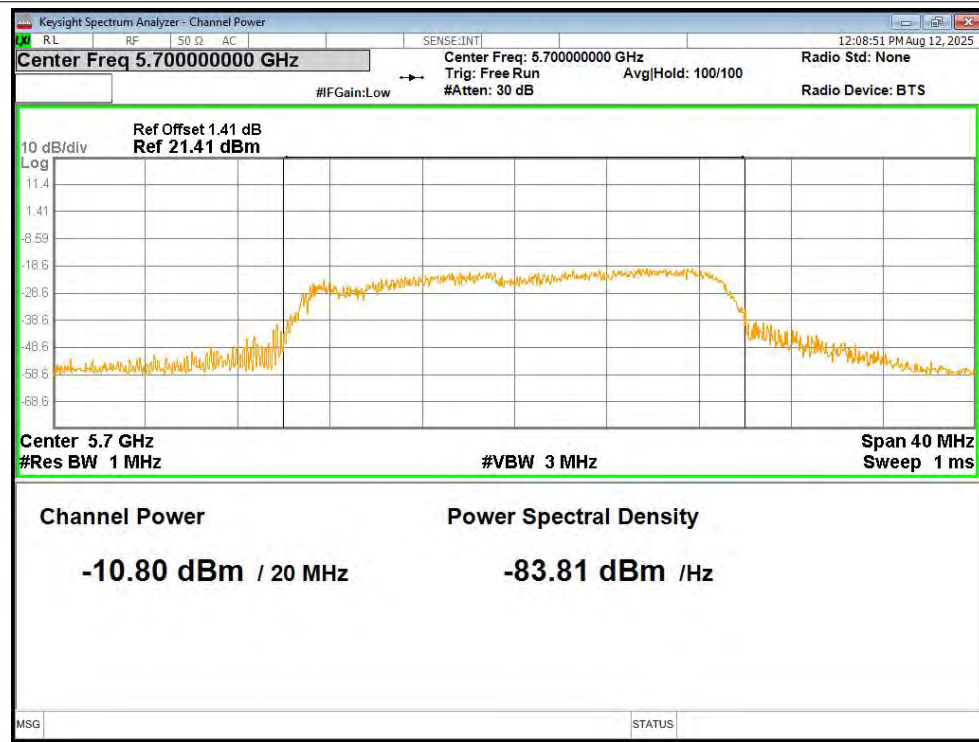
Power NVNT n20 5500MHz Ant1



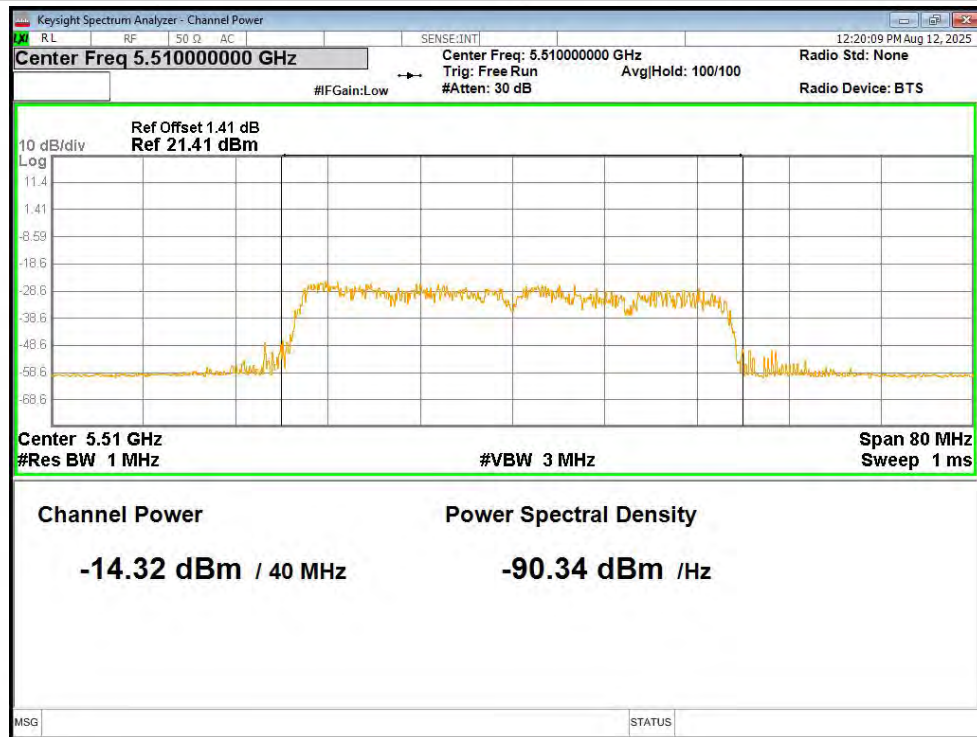
Power NVNT n20 5600MHz Ant1



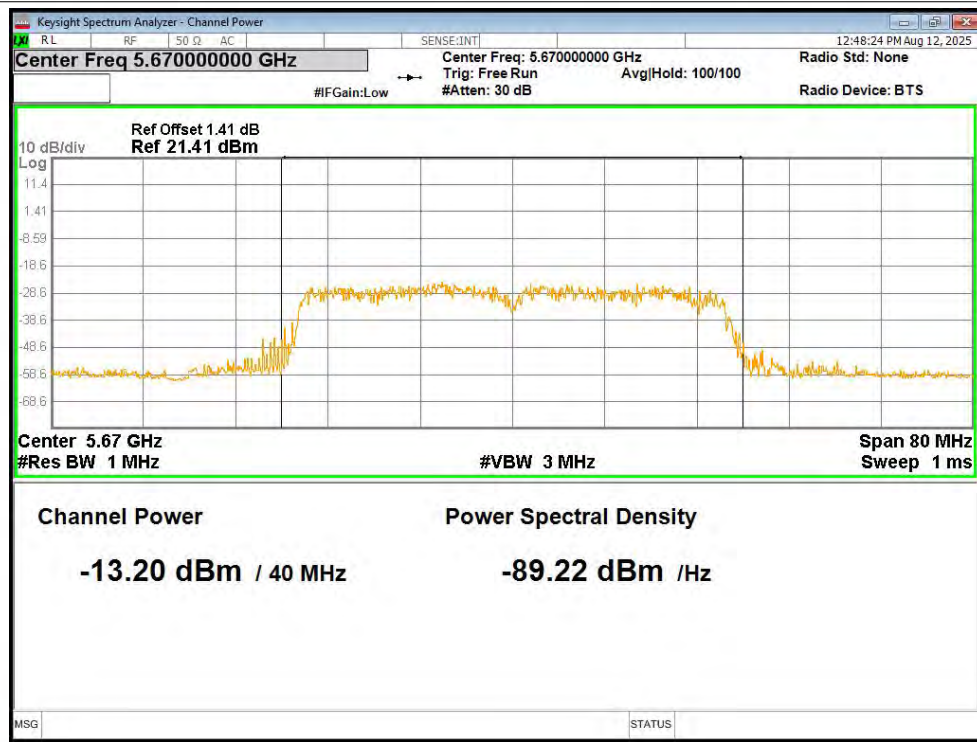
Power NVNT n20 5700MHz Ant1



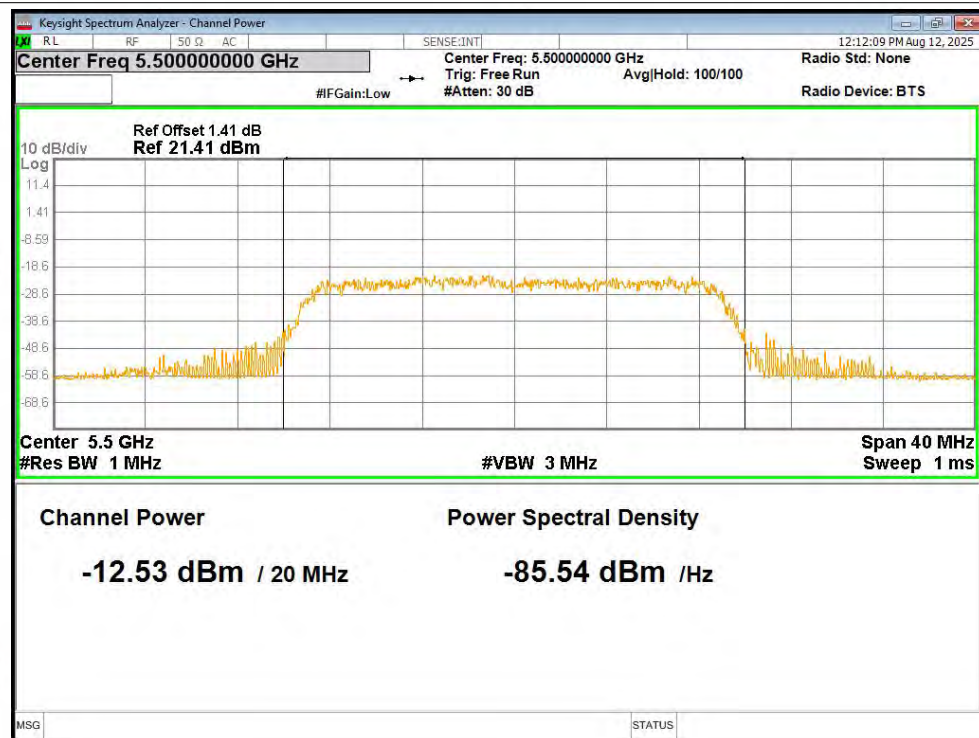
Power NVNT n40 5510MHz Ant1



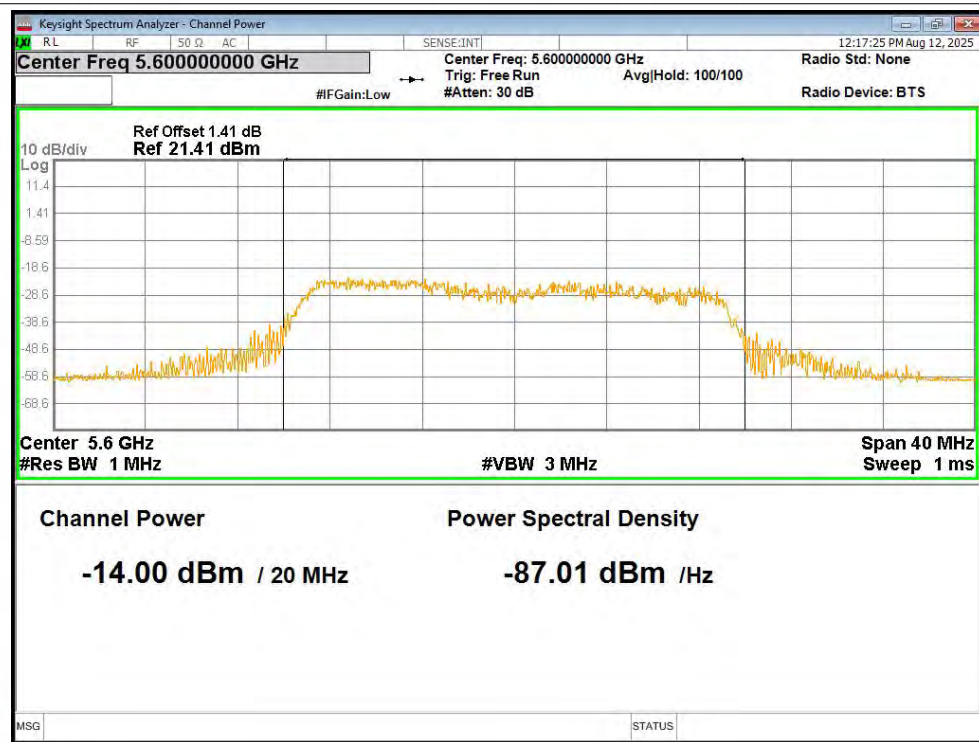
Power NVNT n40 5670MHz Ant1



Power NVNT ac20 5500MHz Ant1



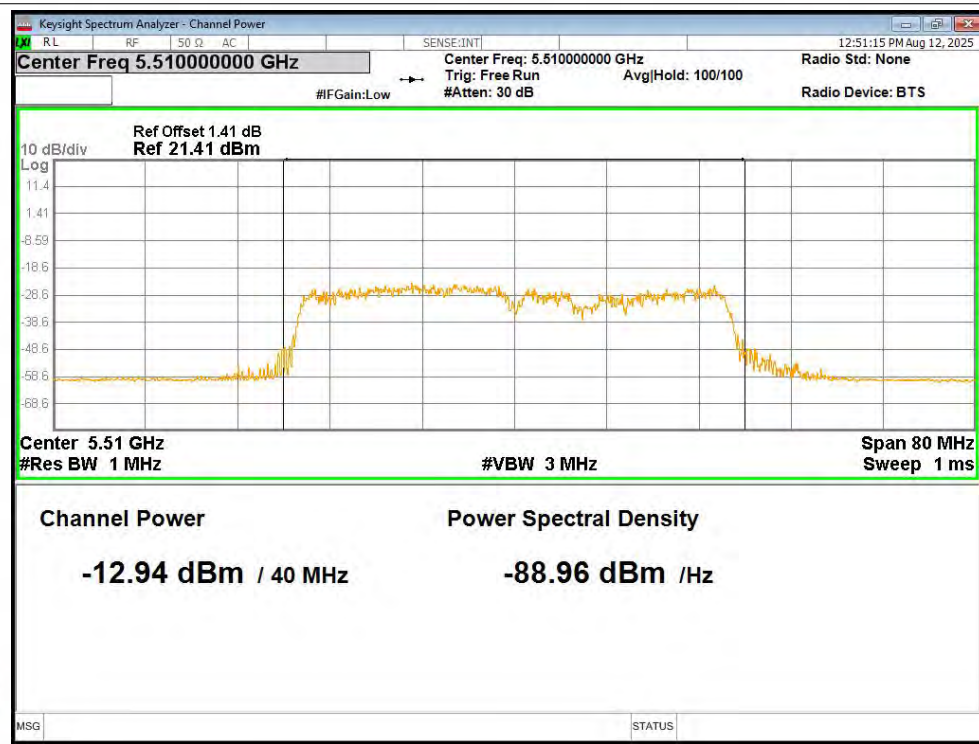
Power NVNT ac20 5600MHz Ant1

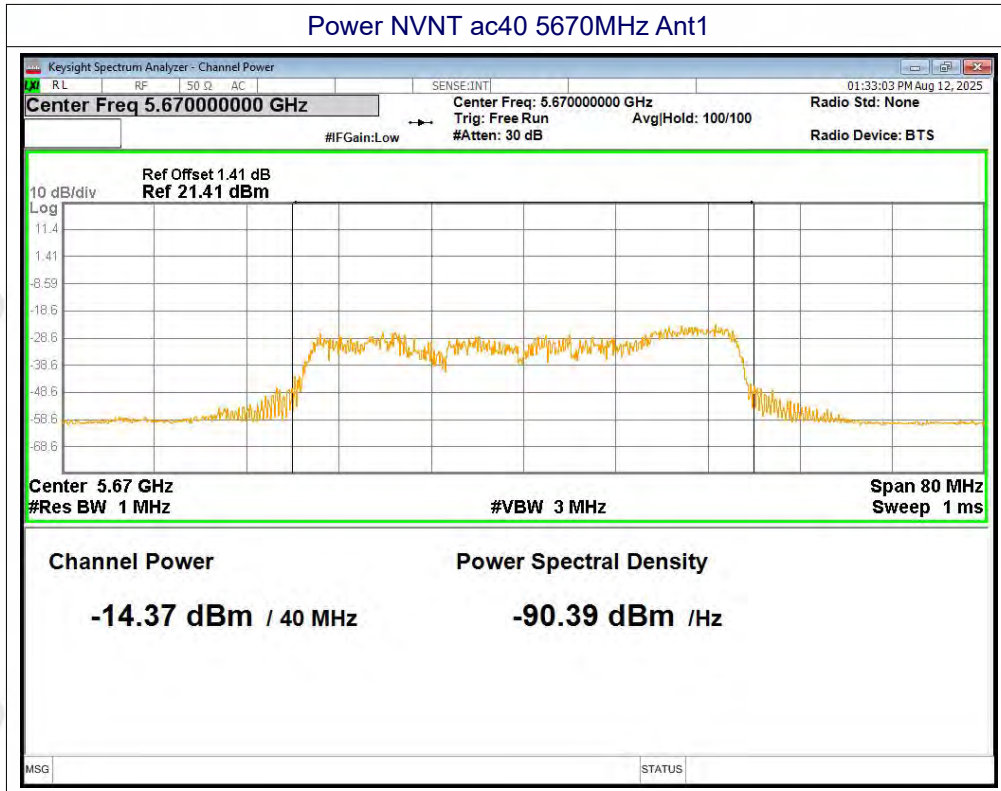


Power NVNT ac20 5700MHz Ant1



Power NVNT ac40 5510MHz Ant1



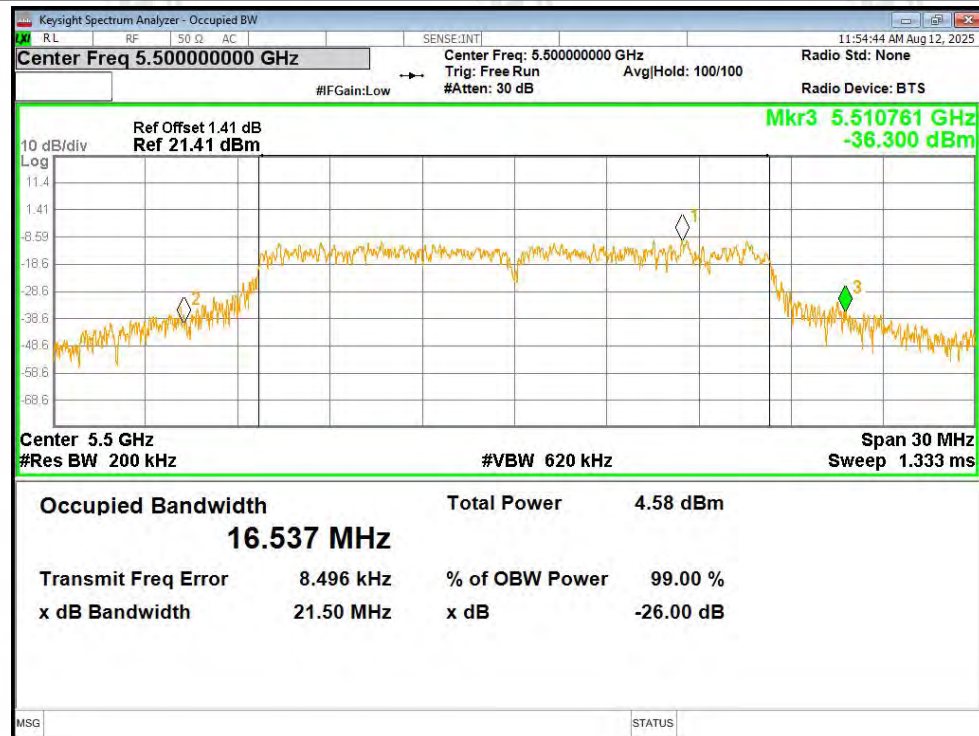


**-26dB Bandwidth**

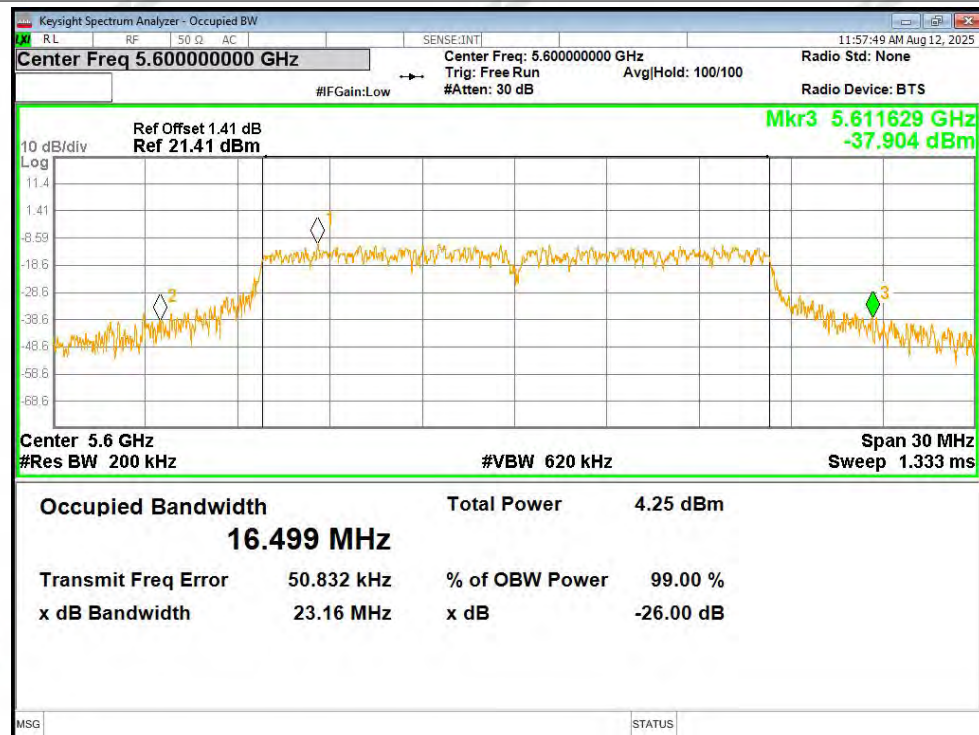
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	21.504	Pass
NVNT	a	5600	Ant1	23.157	Pass
NVNT	a	5700	Ant1	22.491	Pass
NVNT	n20	5500	Ant1	23.366	Pass
NVNT	n20	5600	Ant1	23.024	Pass
NVNT	n20	5700	Ant1	23.099	Pass
NVNT	n40	5510	Ant1	42.401	Pass
NVNT	n40	5670	Ant1	43.769	Pass
NVNT	ac20	5500	Ant1	23.964	Pass
NVNT	ac20	5600	Ant1	22.415	Pass
NVNT	ac20	5700	Ant1	21.775	Pass
NVNT	ac40	5510	Ant1	44.243	Pass
NVNT	ac40	5670	Ant1	45.057	Pass

Test Graphs

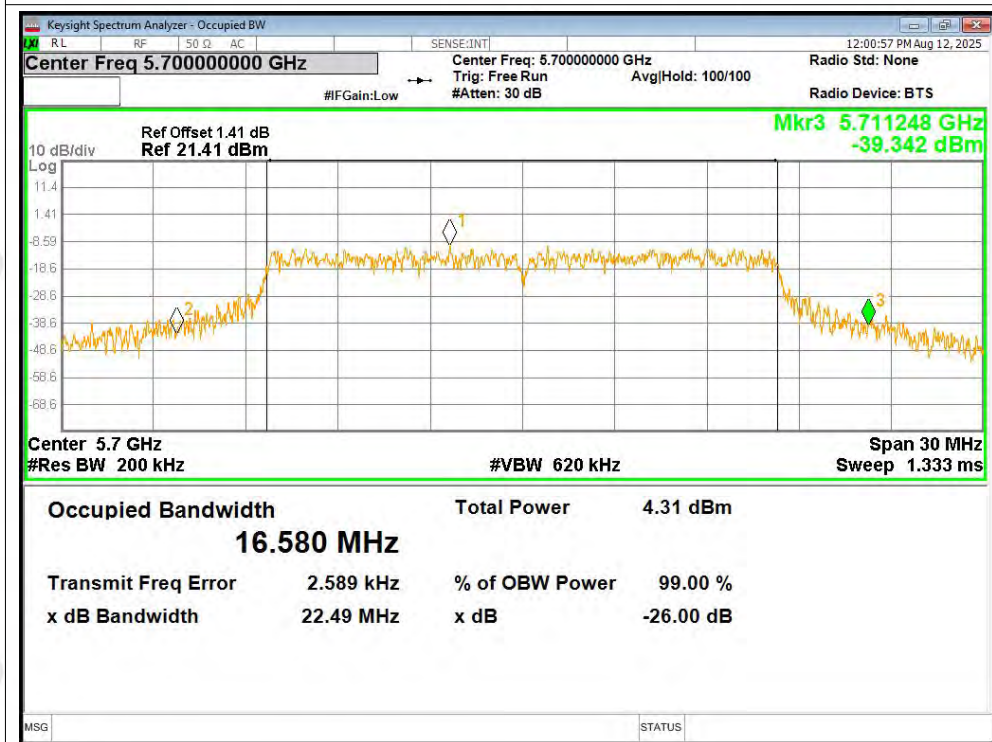
-26dB Bandwidth NVNT a 5500MHz Ant1



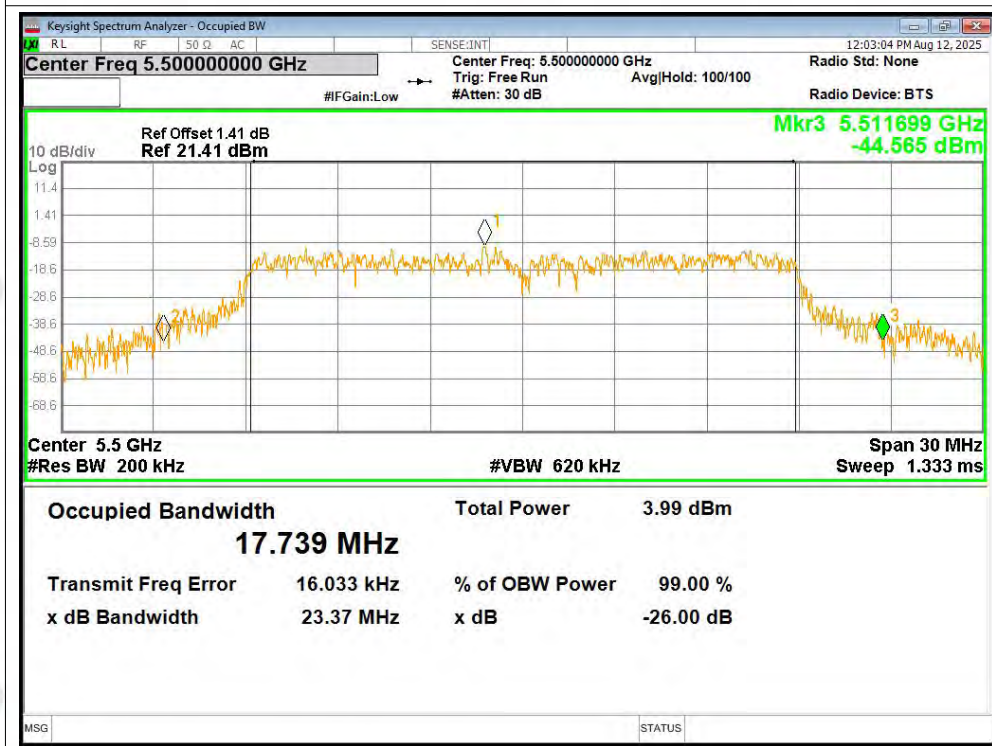
-26dB Bandwidth NVNT a 5600MHz Ant1



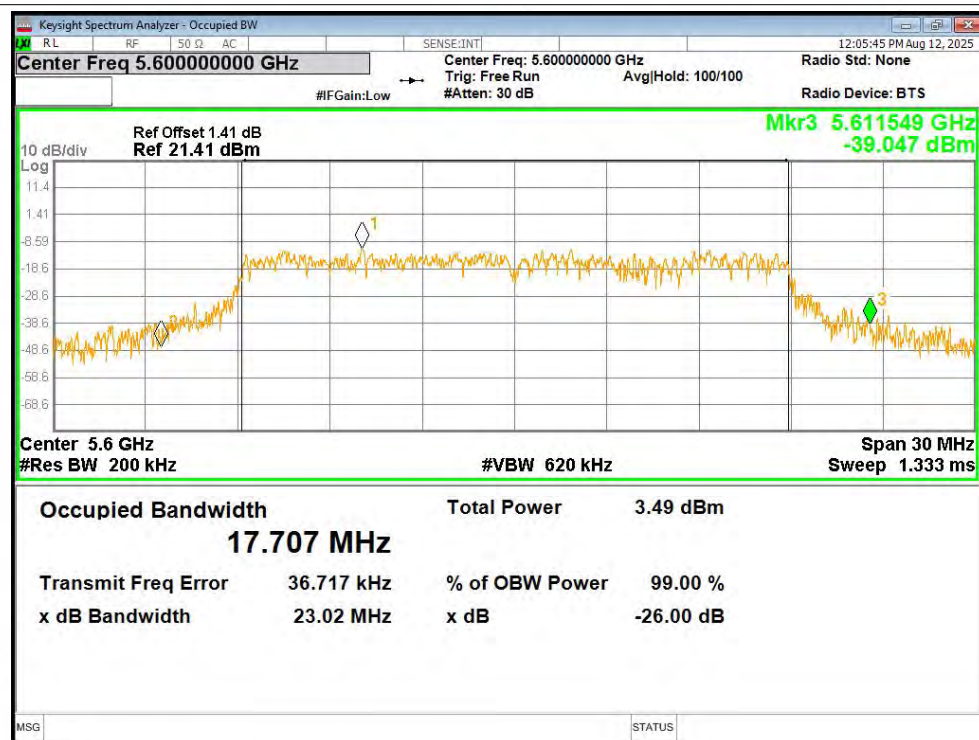
-26dB Bandwidth NVNT a 5700MHz Ant1



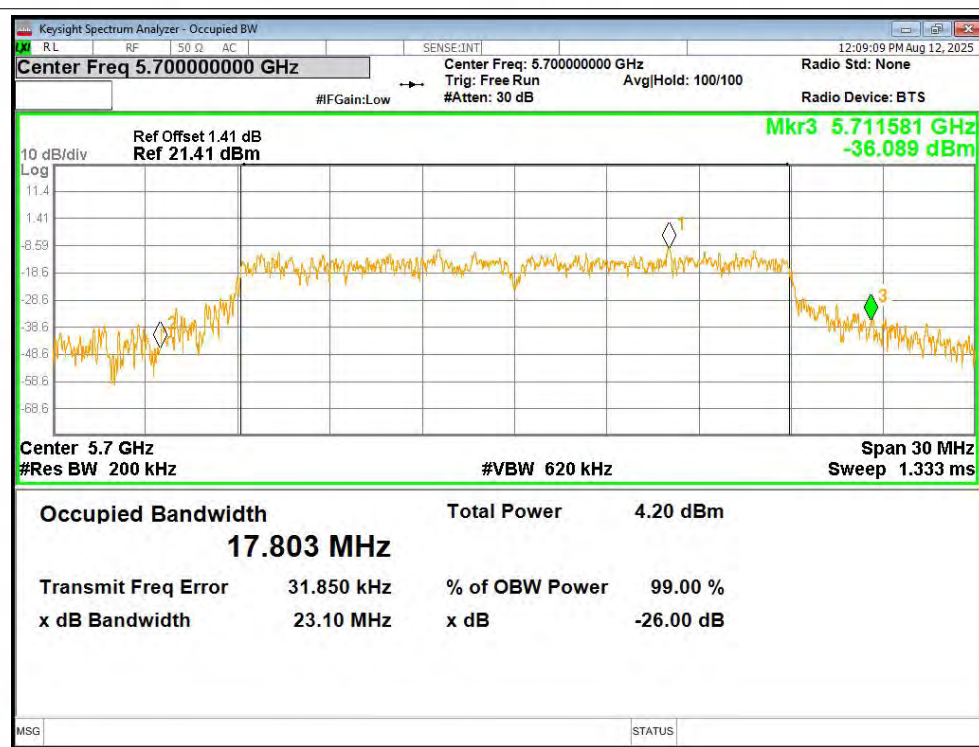
-26dB Bandwidth NVNT n20 5500MHz Ant1



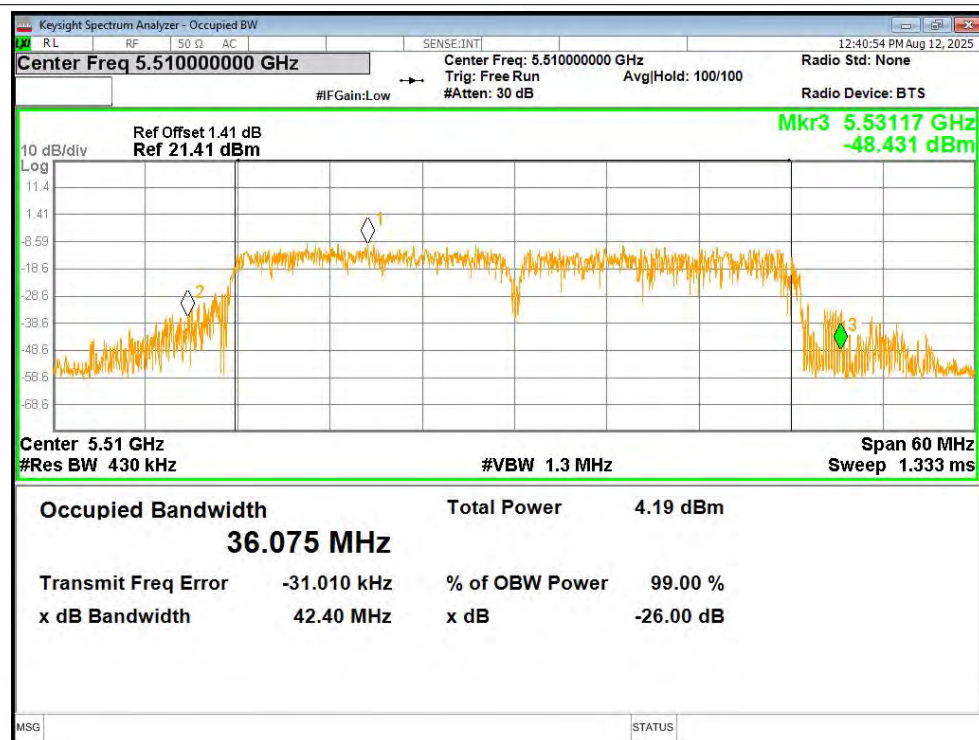
-26dB Bandwidth NVNT n20 5600MHz Ant1



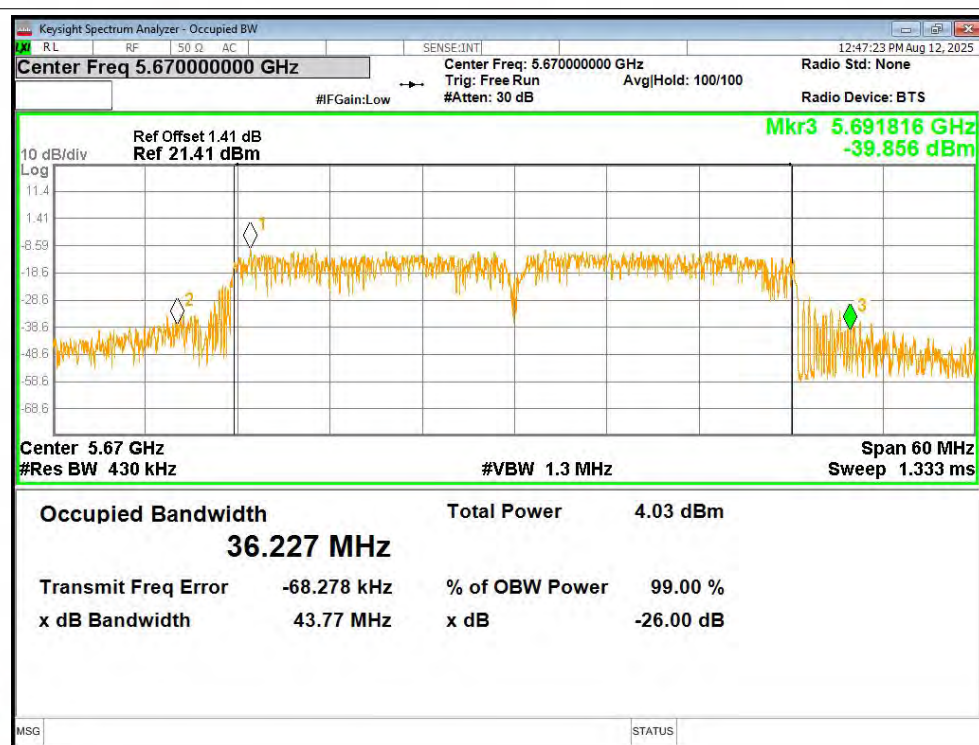
-26dB Bandwidth NVNT n20 5700MHz Ant1



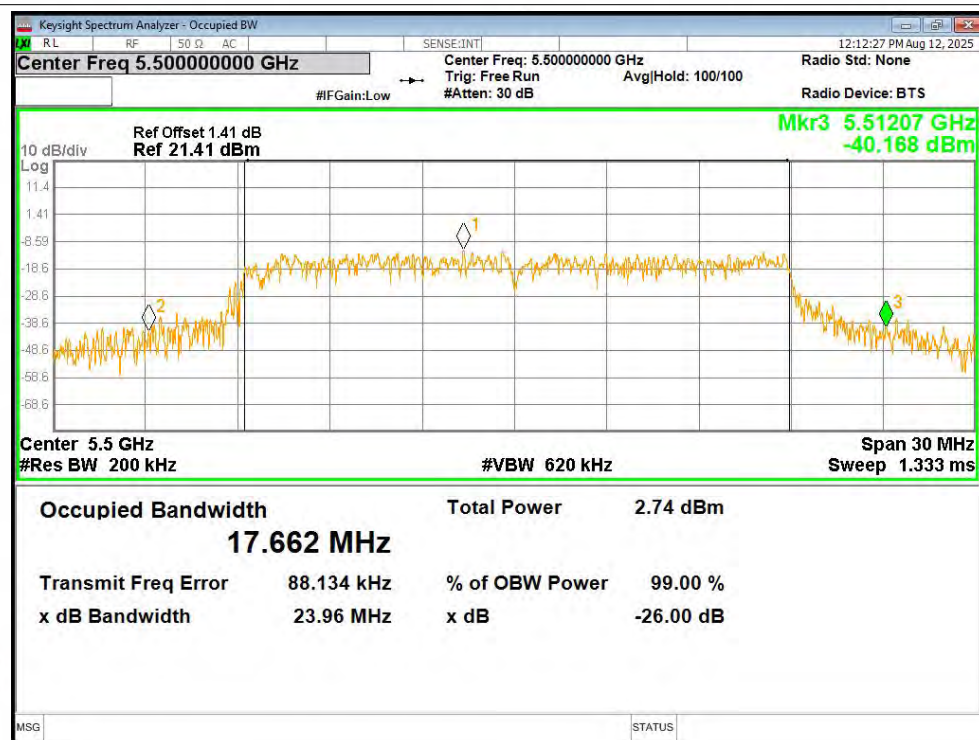
-26dB Bandwidth NVNT n40 5510MHz Ant1



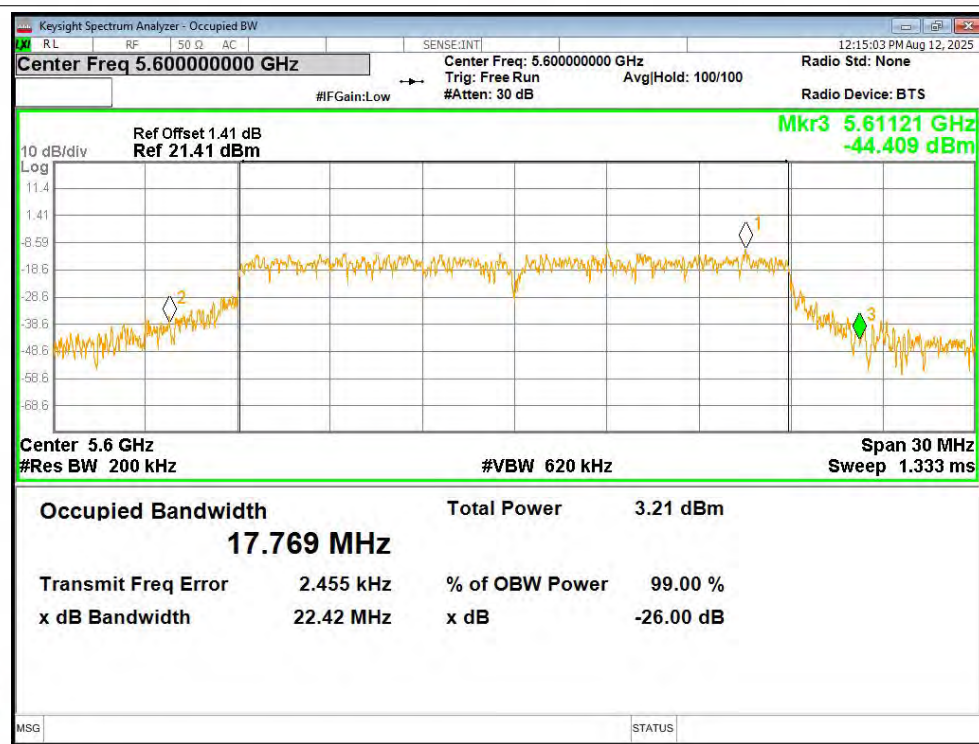
-26dB Bandwidth NVNT n40 5670MHz Ant1



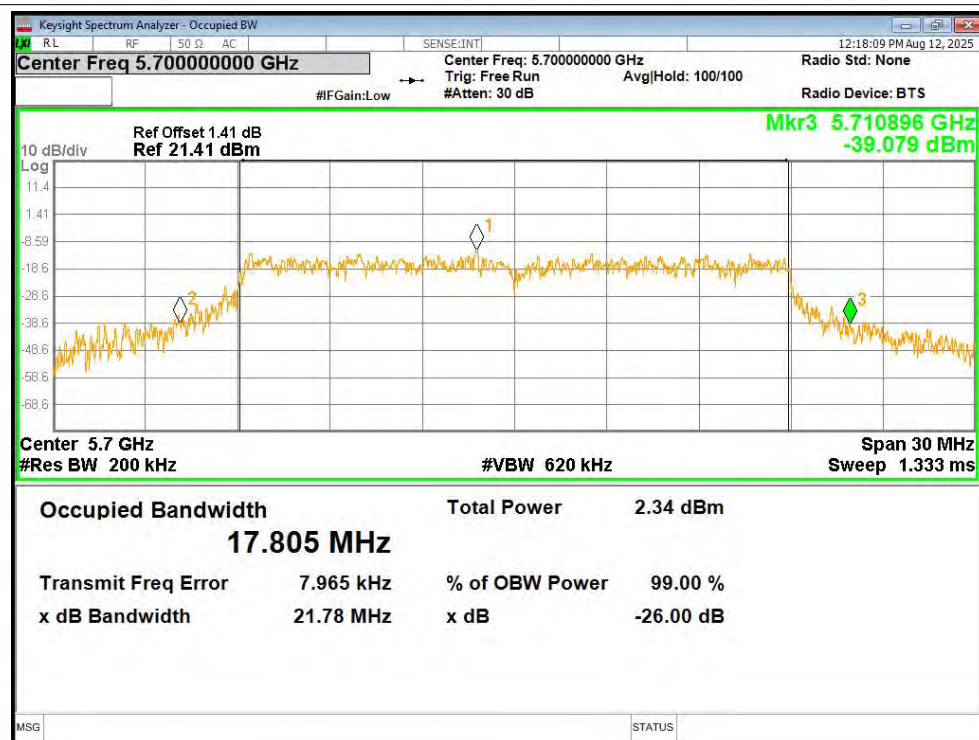
-26dB Bandwidth NVNT ac20 5500MHz Ant1



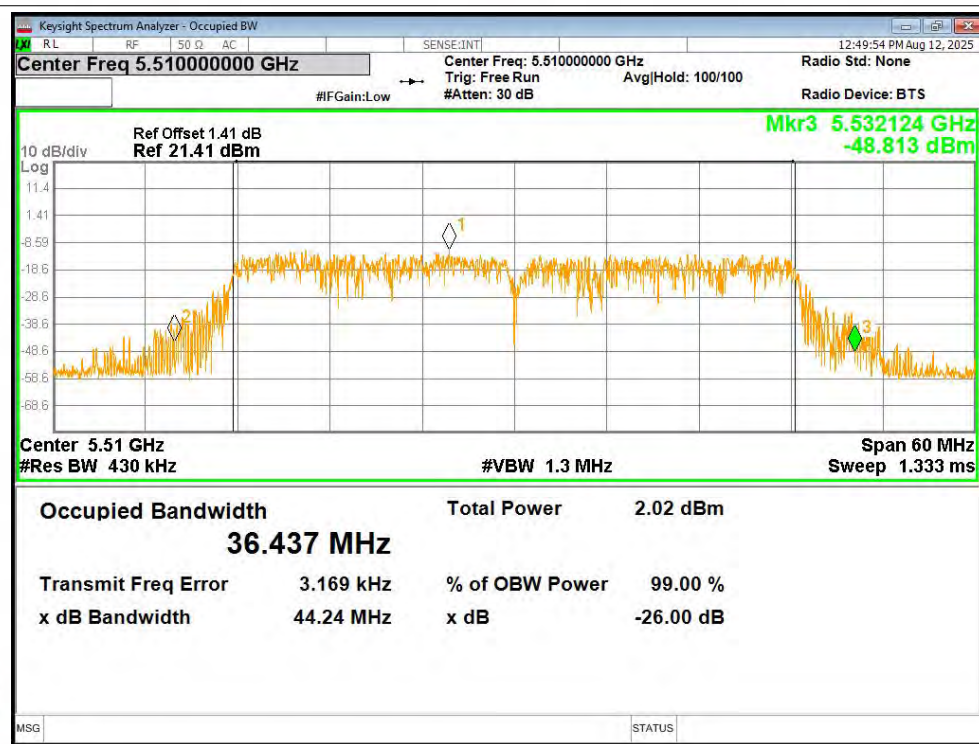
-26dB Bandwidth NVNT ac20 5600MHz Ant1

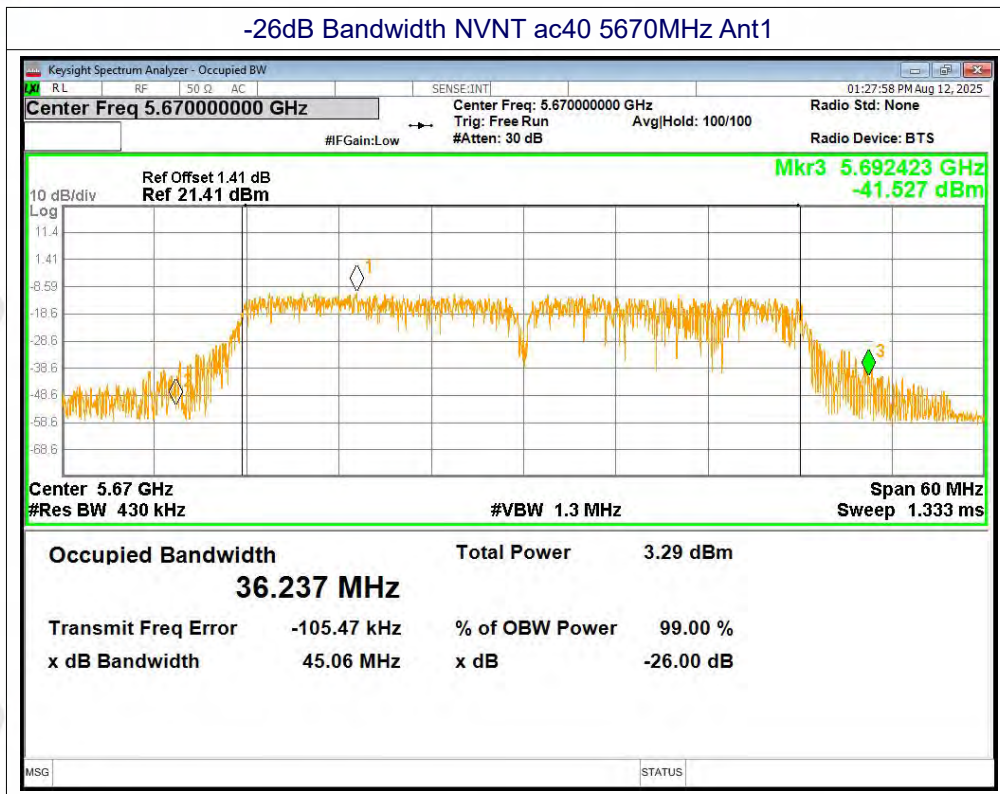


-26dB Bandwidth NVNT ac20 5700MHz Ant1



-26dB Bandwidth NVNT ac40 5510MHz Ant1





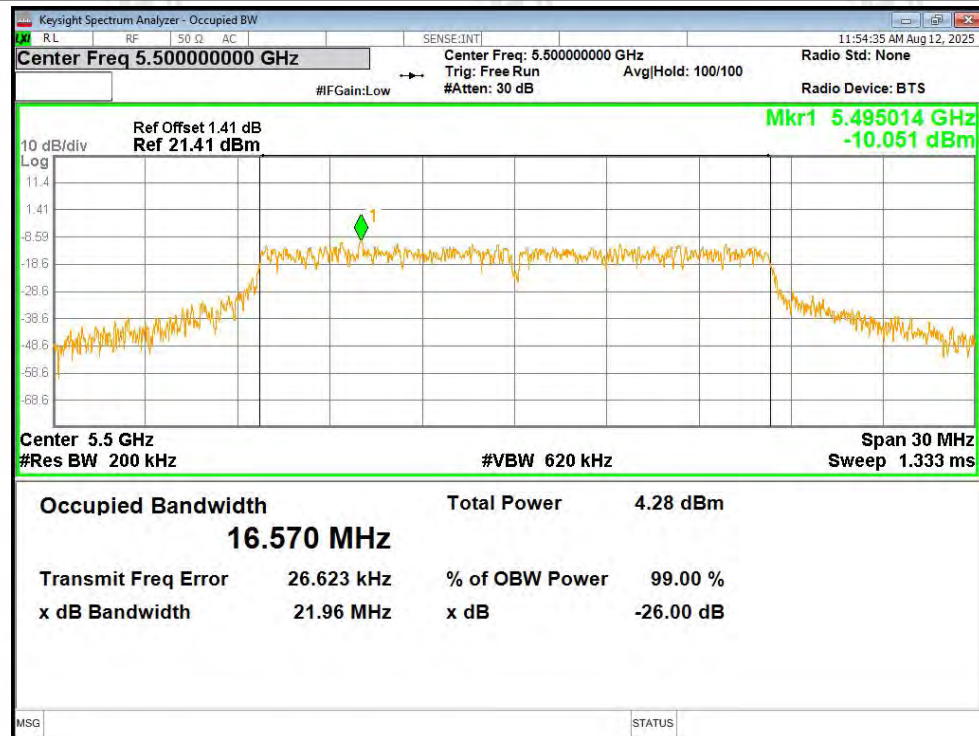


Occupied Channel Bandwidth

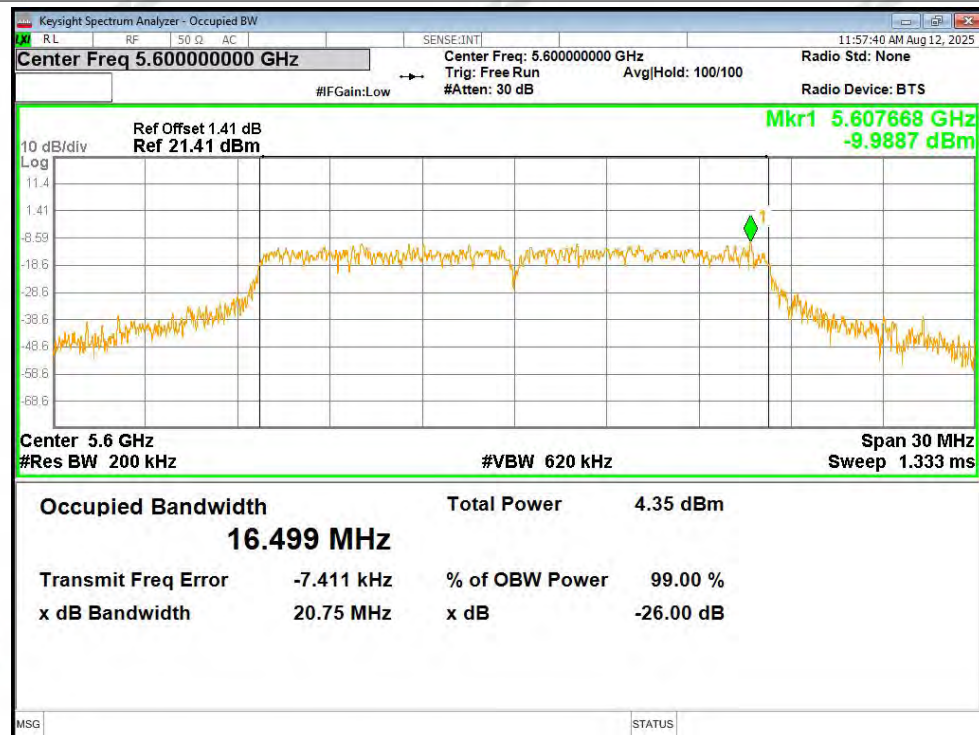
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.57
NVNT	a	5600	Ant1	16.499
NVNT	a	5700	Ant1	16.59
NVNT	n20	5500	Ant1	17.76
NVNT	n20	5600	Ant1	17.823
NVNT	n20	5700	Ant1	17.768
NVNT	n40	5510	Ant1	36.288
NVNT	n40	5670	Ant1	36.344
NVNT	ac20	5500	Ant1	17.607
NVNT	ac20	5600	Ant1	17.774
NVNT	ac20	5700	Ant1	17.799
NVNT	ac40	5510	Ant1	35.958
NVNT	ac40	5670	Ant1	36.318

Test Graphs

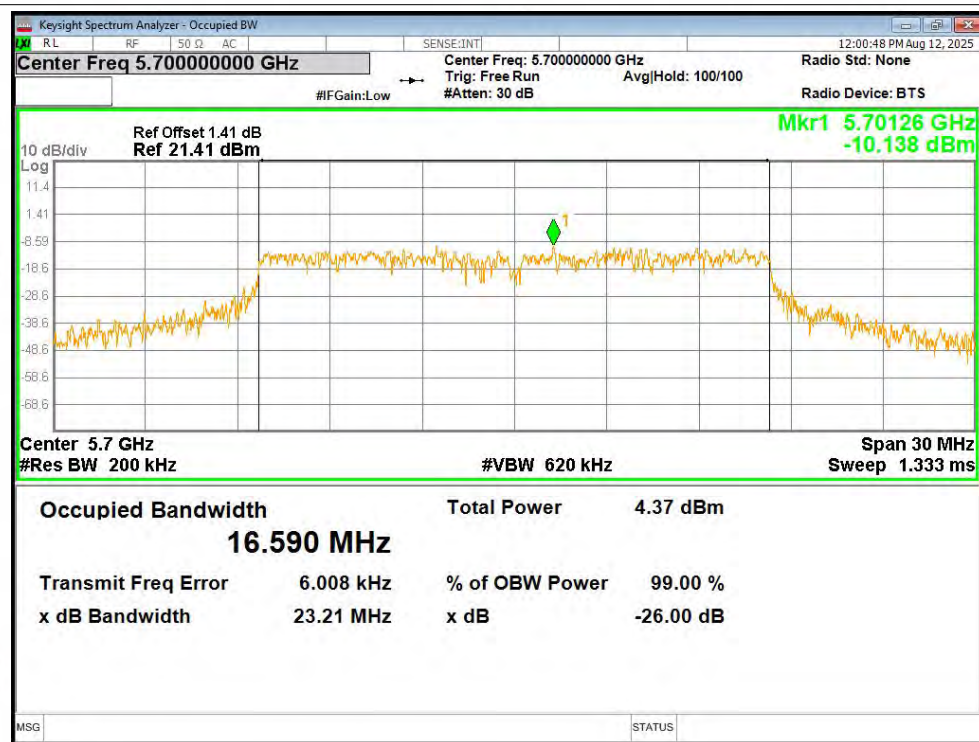
OBW NVNT a 5500MHz Ant1



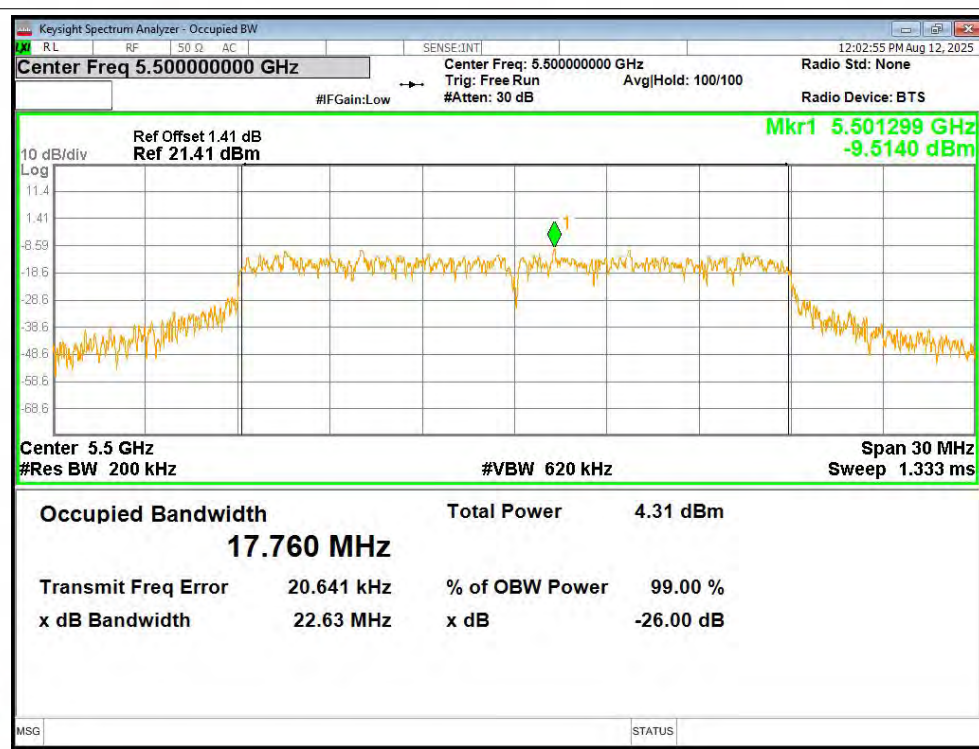
OBW NVNT a 5600MHz Ant1



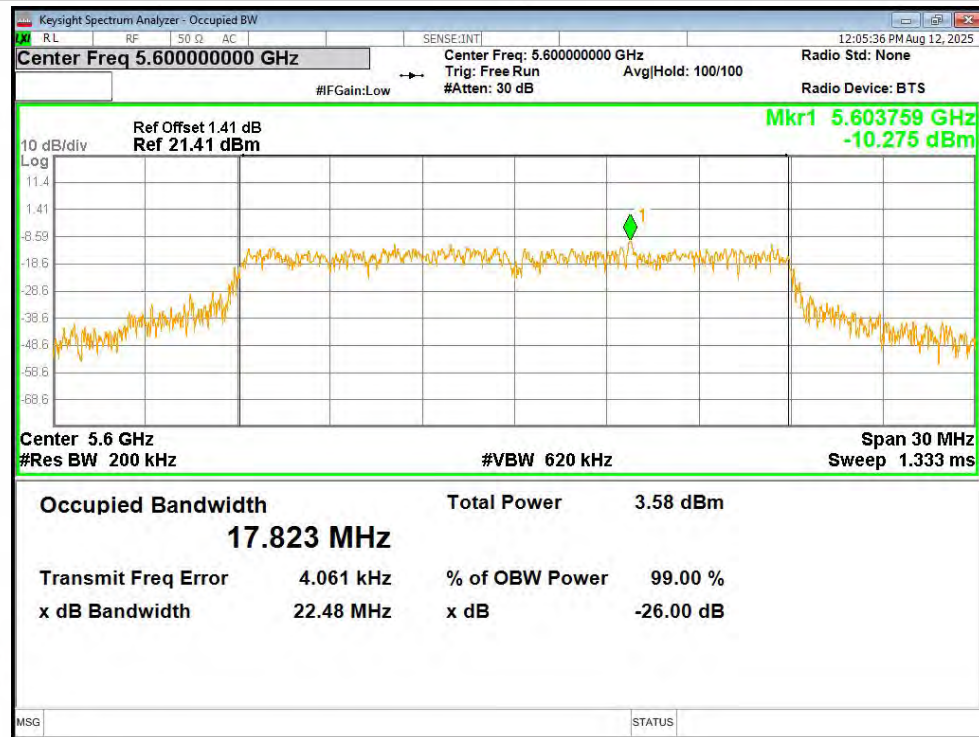
OBW NVNT a 5700MHz Ant1



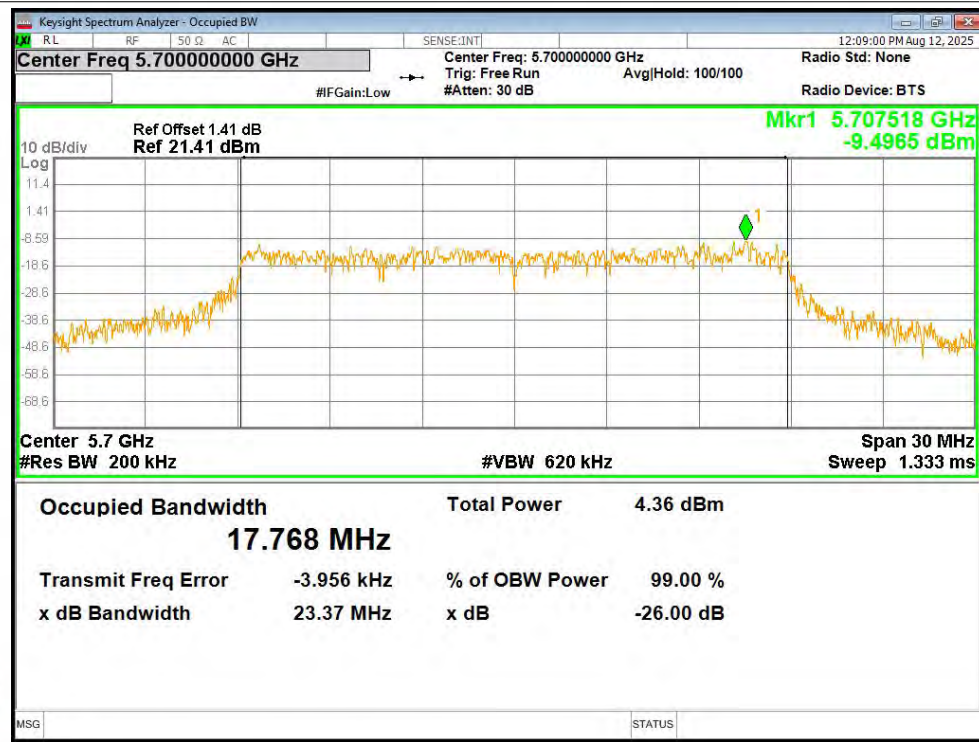
OBW NVNT n20 5500MHz Ant1



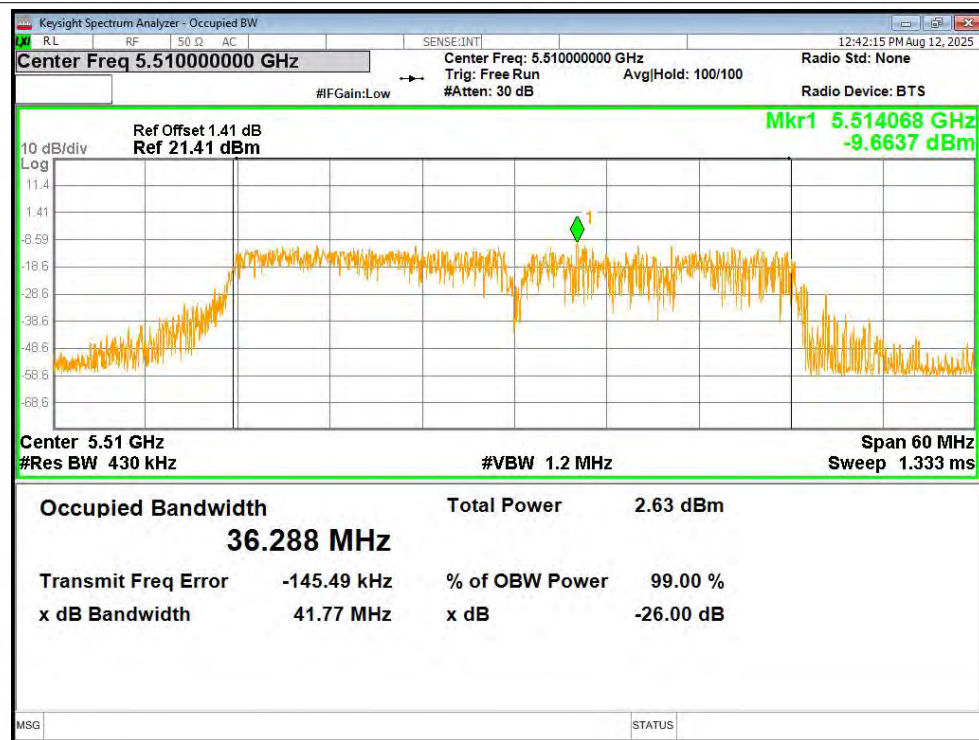
OBW NVNT n20 5600MHz Ant1



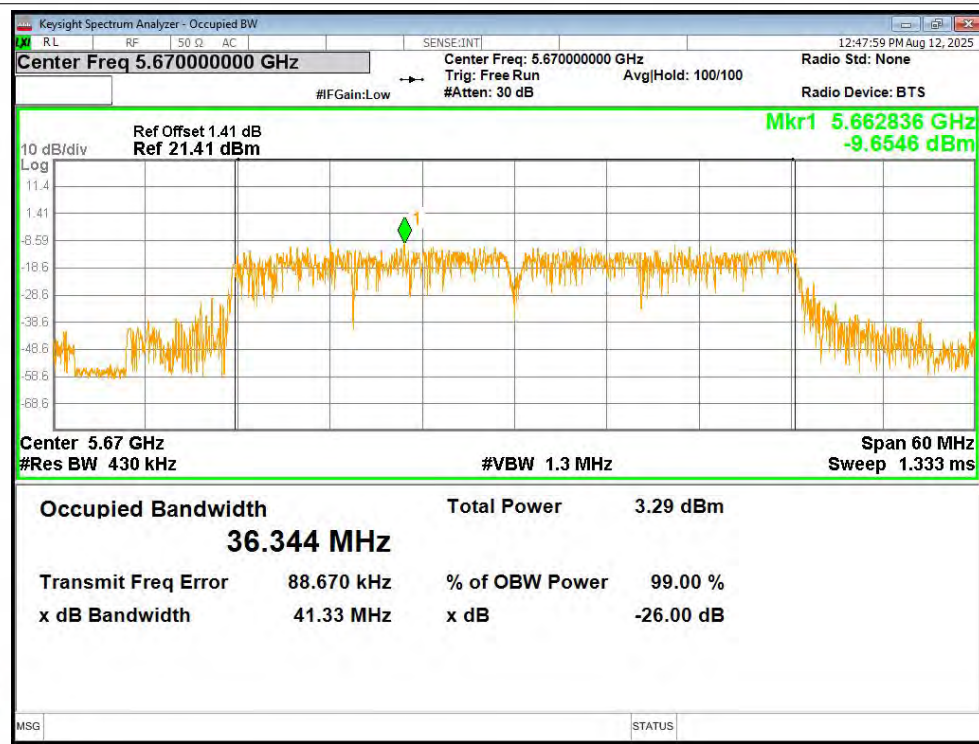
OBW NVNT n20 5700MHz Ant1



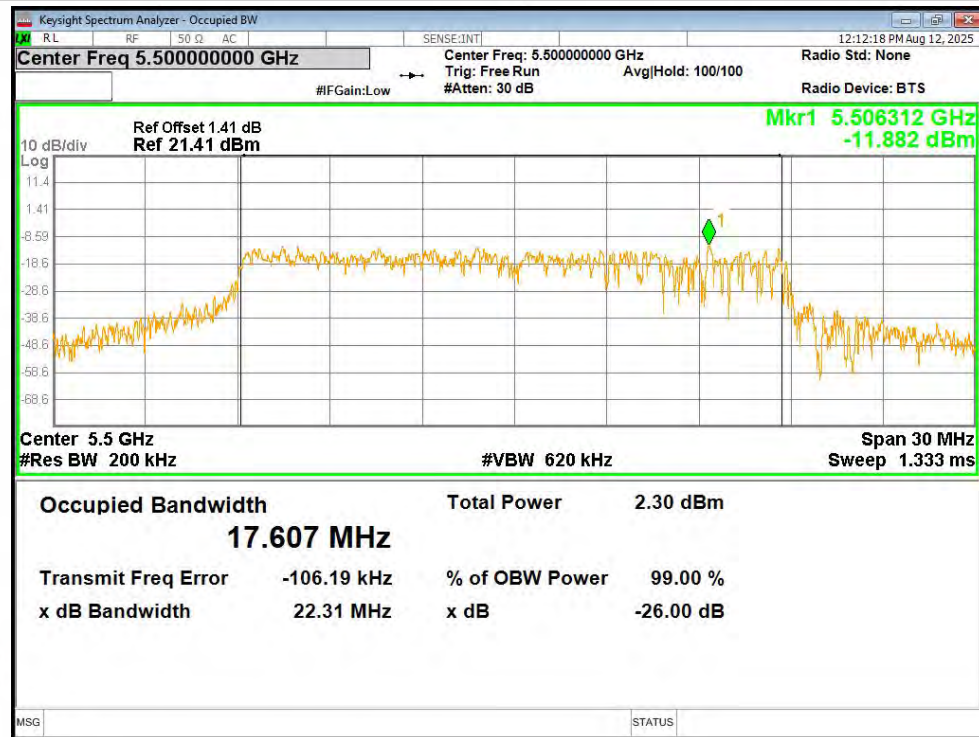
OBW NVNT n40 5510MHz Ant1



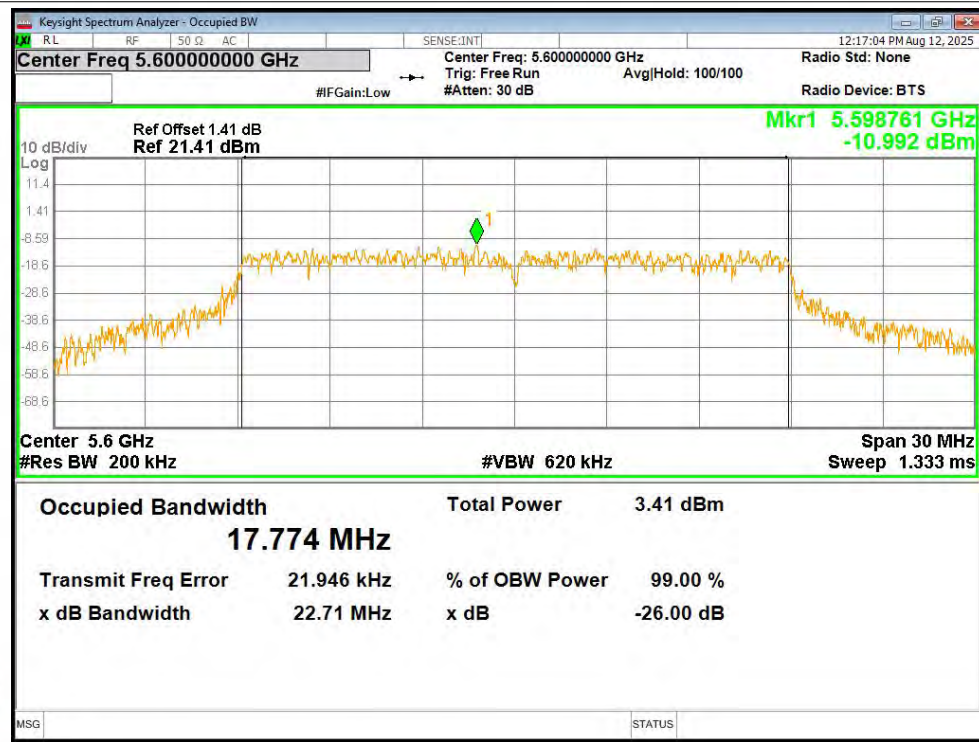
OBW NVNT n40 5670MHz Ant1



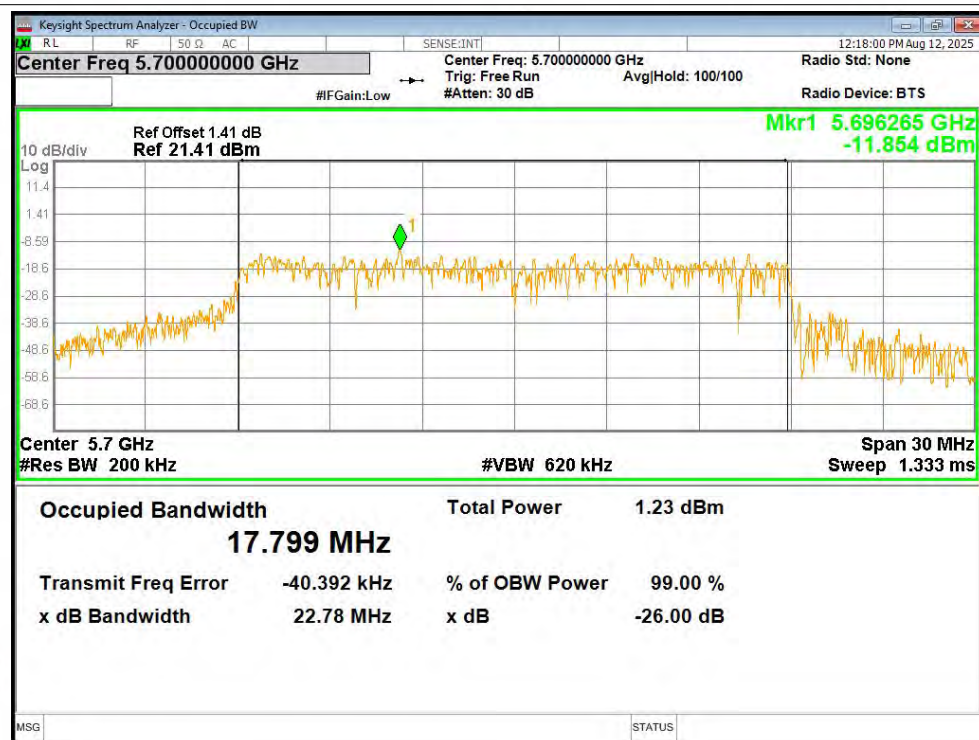
OBW NVNT ac20 5500MHz Ant1



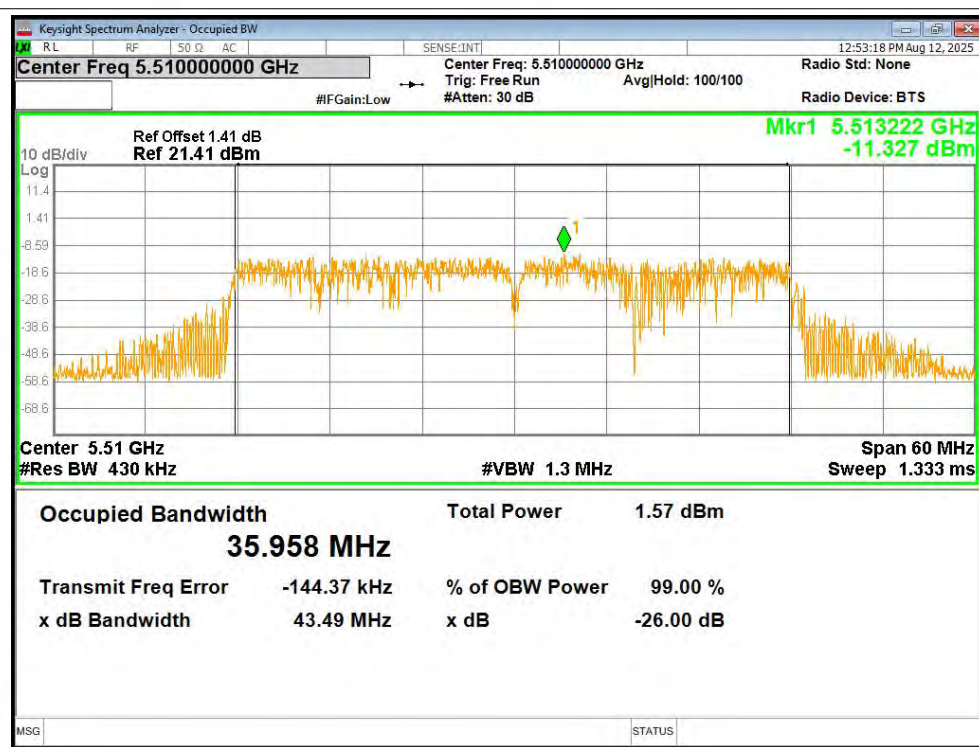
OBW NVNT ac20 5600MHz Ant1

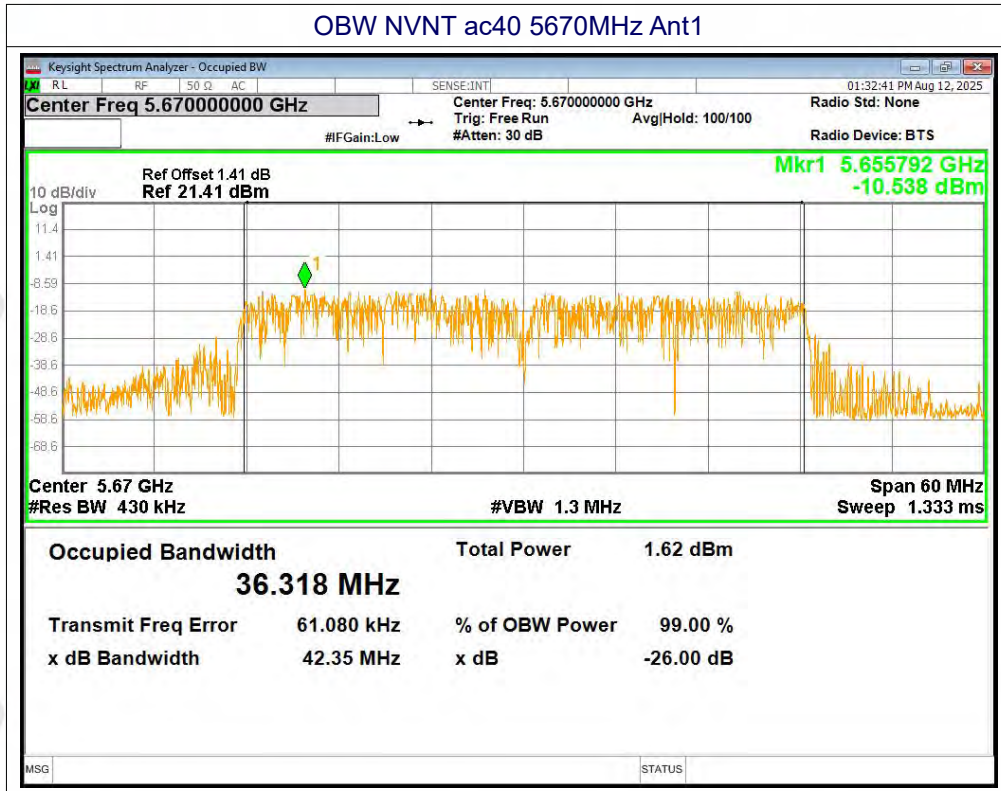


OBW NVNT ac20 5700MHz Ant1



OBW NVNT ac40 5510MHz Ant1





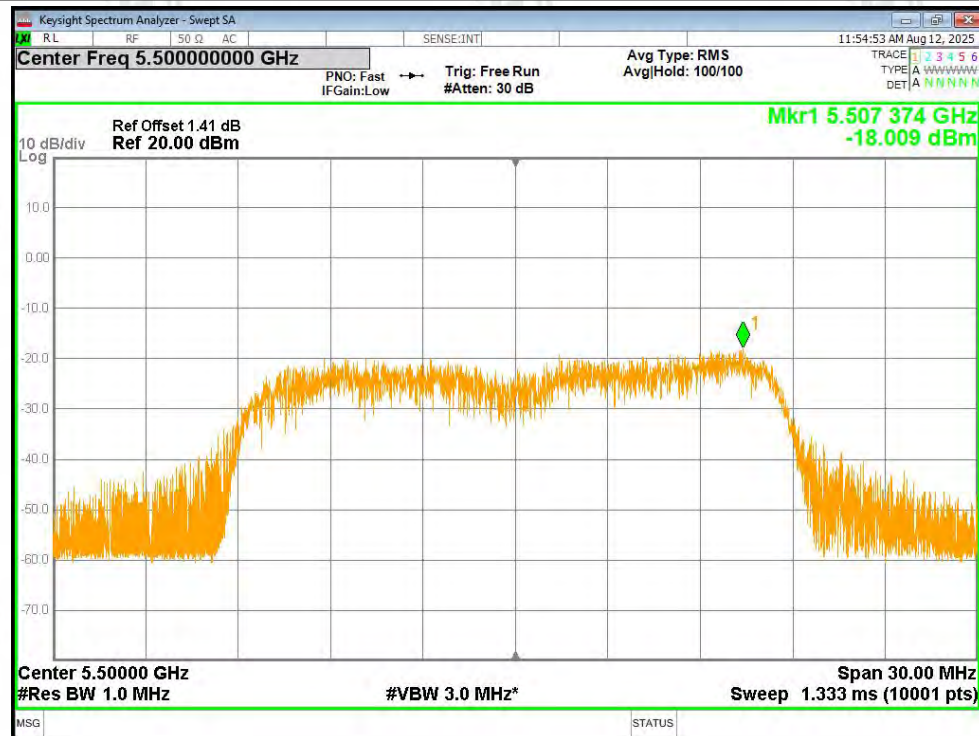


Maximum Power Spectral Density Level

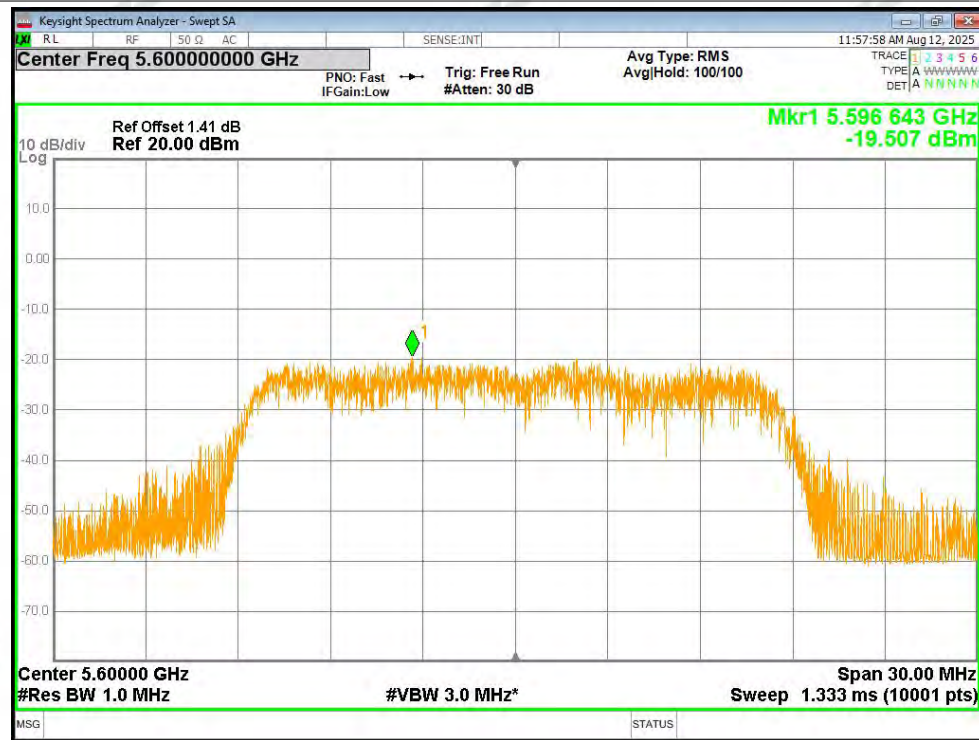
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5500	Ant1	-18.01	12.34	-5.67	11	Pass
NVNT	a	5600	Ant1	-19.51	12.34	-7.17	11	Pass
NVNT	a	5700	Ant1	-18.64	12.34	-6.3	11	Pass
NVNT	n20	5500	Ant1	-18.2	12.99	-5.21	11	Pass
NVNT	n20	5600	Ant1	-19.64	12.99	-6.65	11	Pass
NVNT	n20	5700	Ant1	-18.85	12.99	-5.86	11	Pass
NVNT	n40	5510	Ant1	-22.16	15.82	-6.34	11	Pass
NVNT	n40	5670	Ant1	-24.01	15.82	-8.19	11	Pass
NVNT	ac20	5500	Ant1	-20.02	13.67	-6.35	11	Pass
NVNT	ac20	5600	Ant1	-20.53	13.68	-6.85	11	Pass
NVNT	ac20	5700	Ant1	-21.63	13.67	-7.96	11	Pass
NVNT	ac40	5510	Ant1	-24.04	16.68	-7.36	11	Pass
NVNT	ac40	5670	Ant1	-25.23	16.68	-8.55	11	Pass

Test Graphs

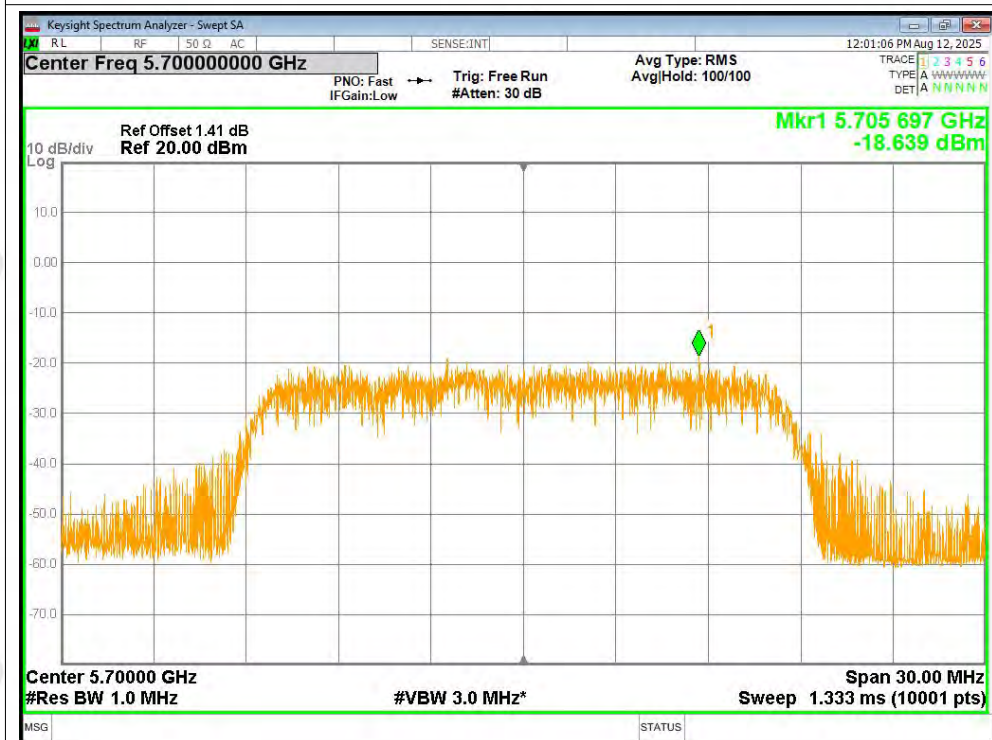
PSD NVNT a 5500MHz Ant1



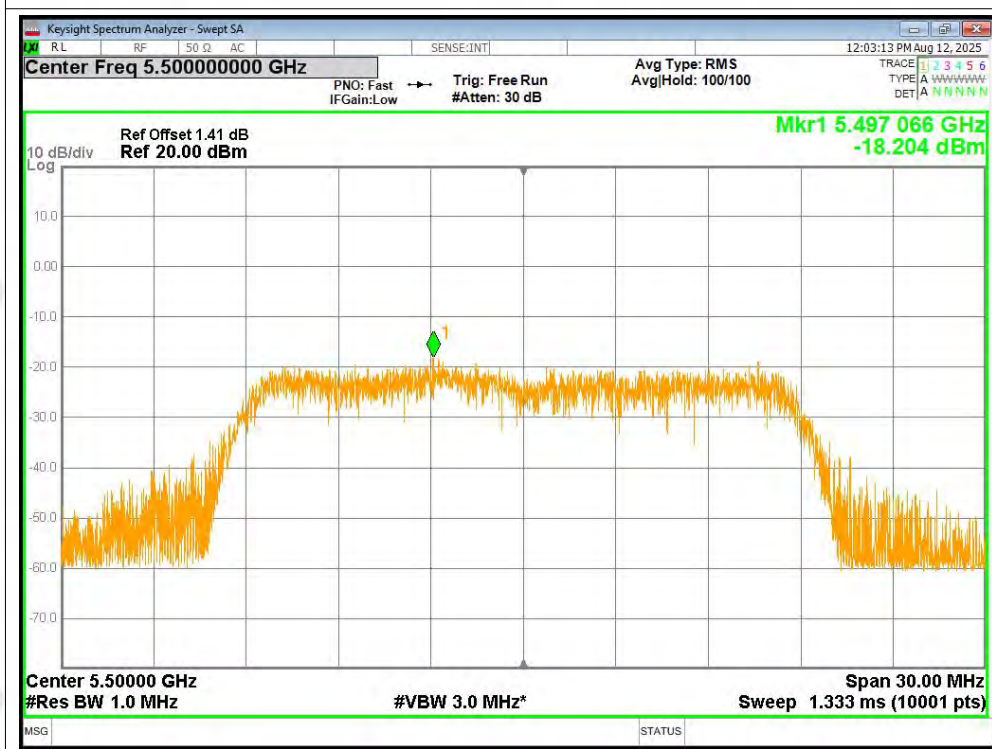
PSD NVNT a 5600MHz Ant1



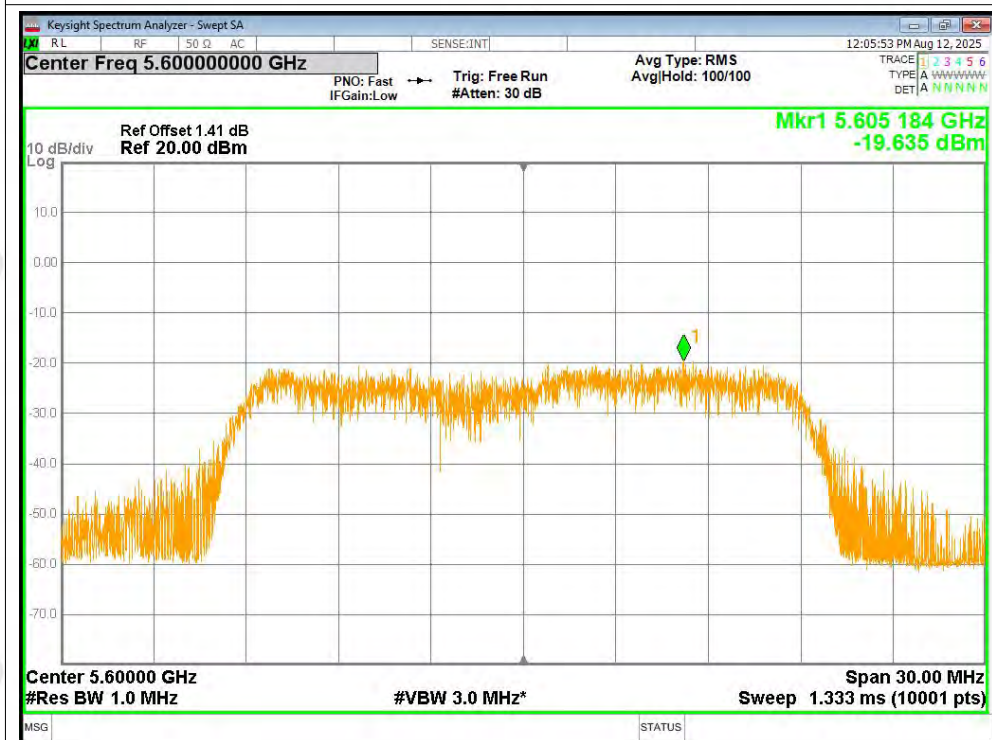
PSD NVNT a 5700MHz Ant1



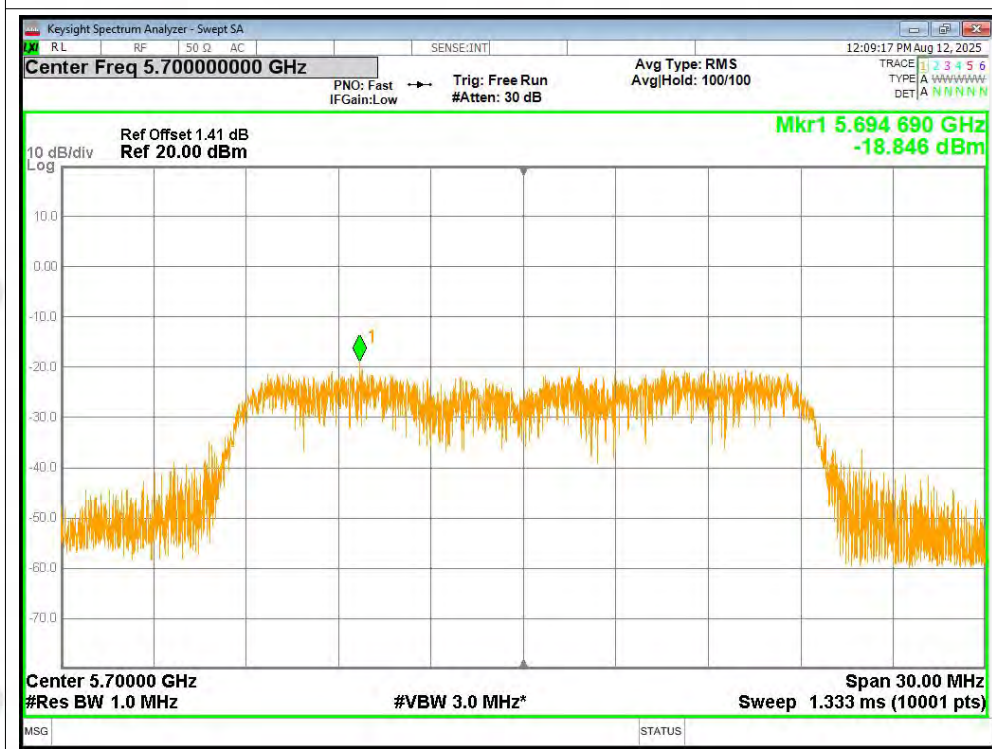
PSD NVNT n20 5500MHz Ant1



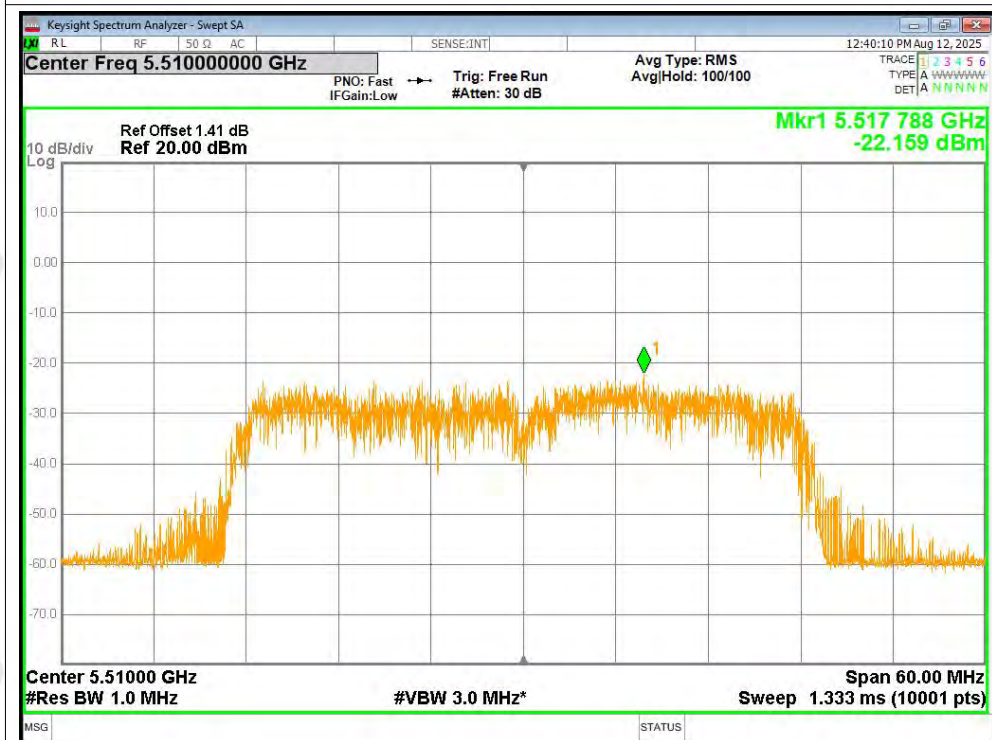
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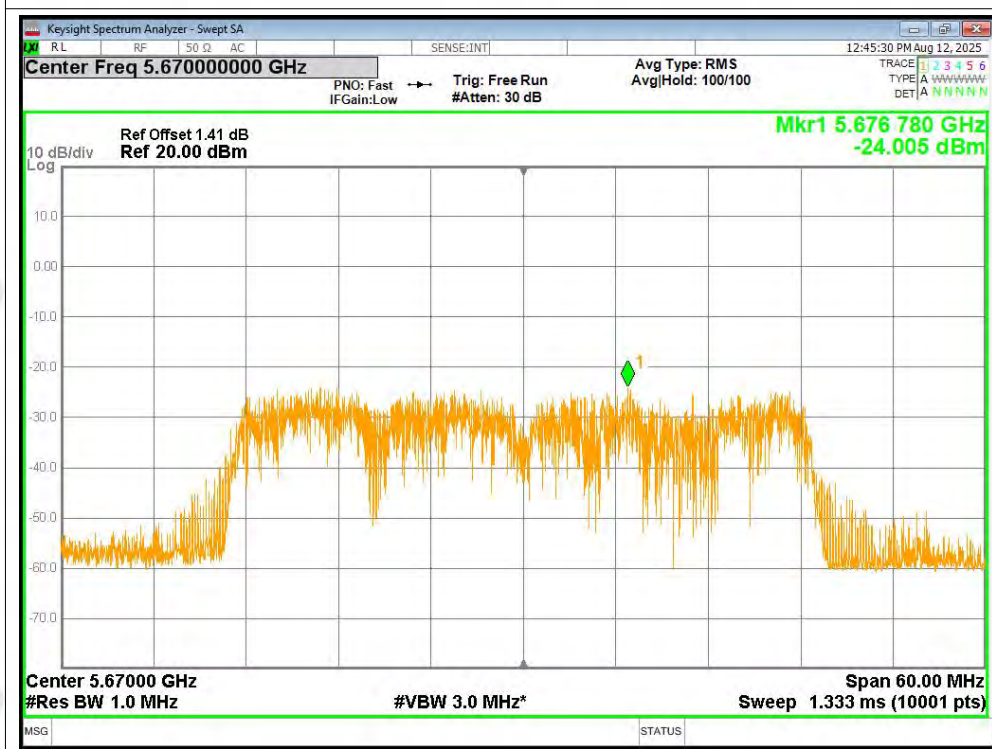
PSD NVNT n20 5700MHz Ant1



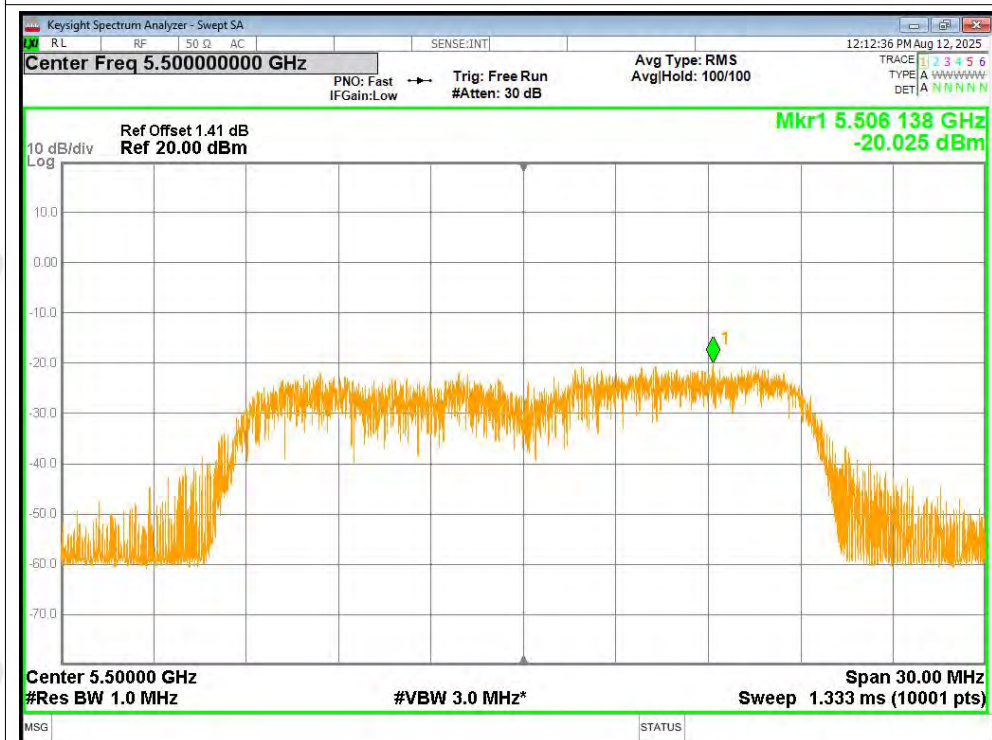
PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5670MHz Ant1



PSD NVNT ac20 5500MHz Ant1



PSD NVNT ac20 5600MHz Ant1

