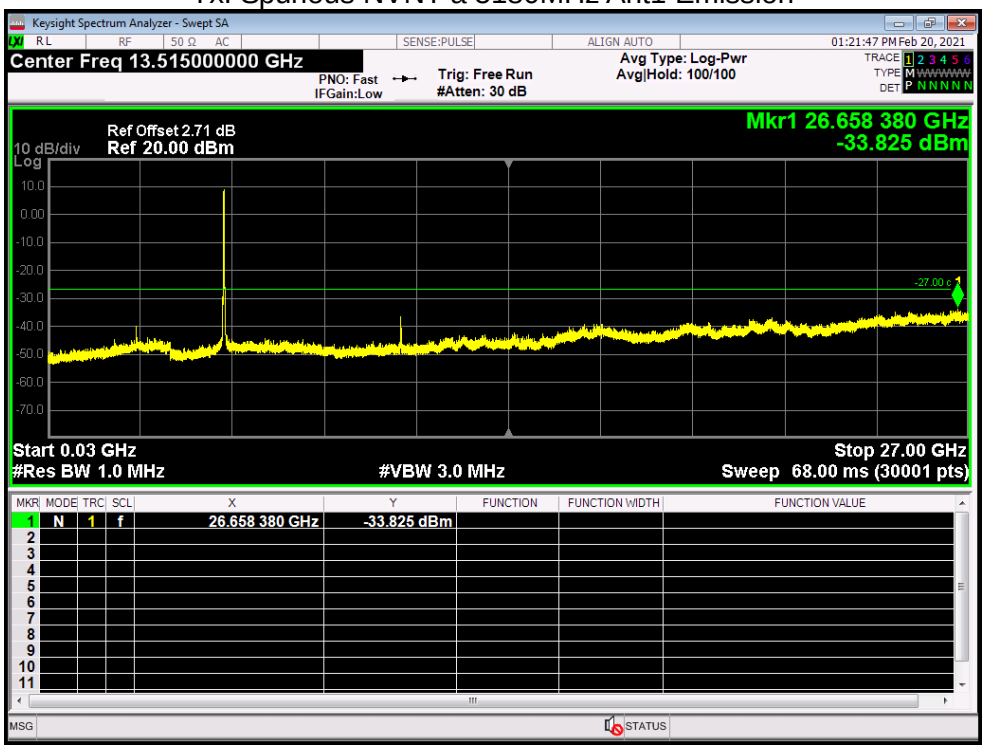
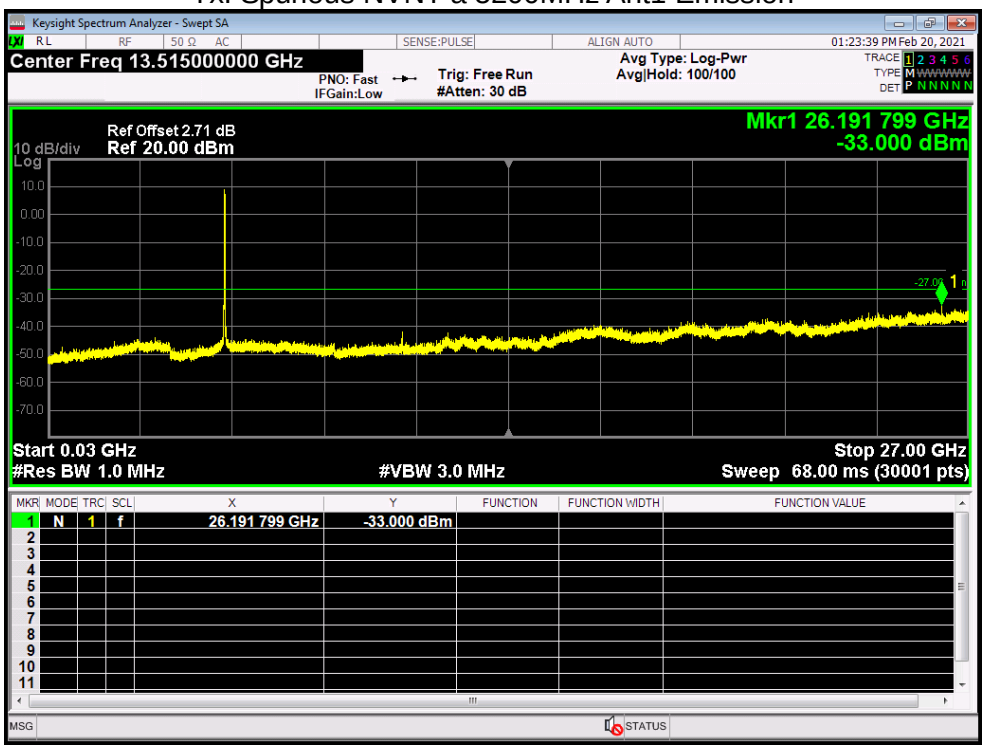
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-33.82	-27	Pass
NVNT	a	5200	Ant1	-32.99	-27	Pass
NVNT	a	5240	Ant1	-34.23	-27	Pass
NVNT	n20	5180	Ant1	-33.79	-27	Pass
NVNT	n20	5200	Ant1	-34.29	-27	Pass
NVNT	n20	5240	Ant1	-34.12	-27	Pass
NVNT	n40	5190	Ant1	-33.83	-27	Pass
NVNT	n40	5230	Ant1	-34.08	-27	Pass

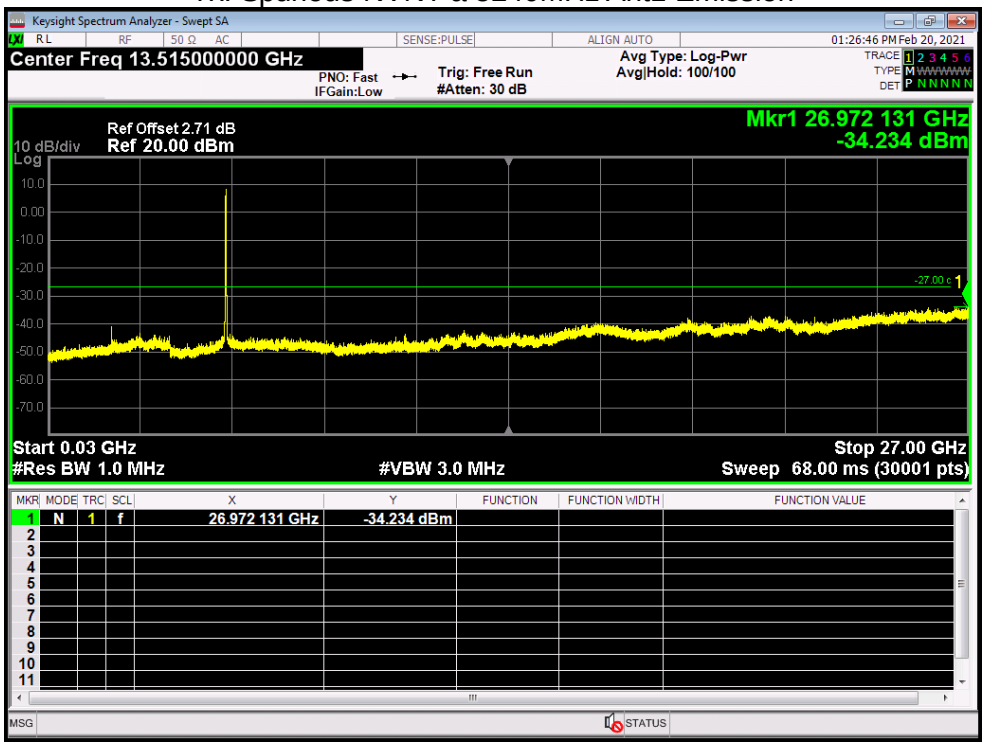
Tx. Spurious NVNT a 5180MHz Ant1 Emission



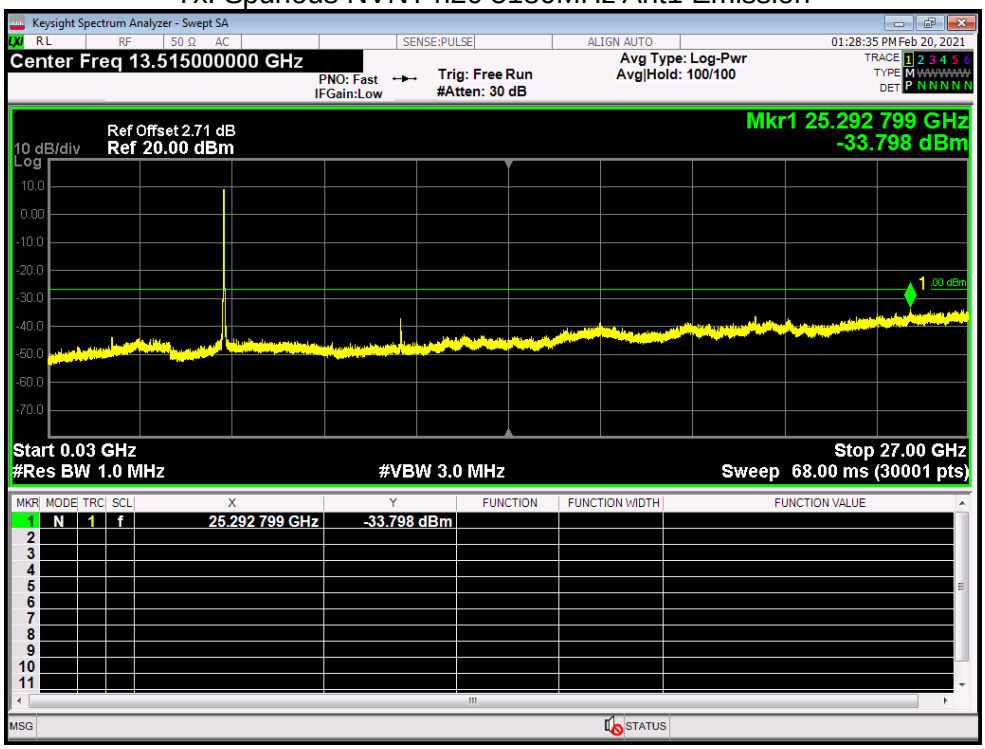
Tx. Spurious NVNT a 5200MHz Ant1 Emission



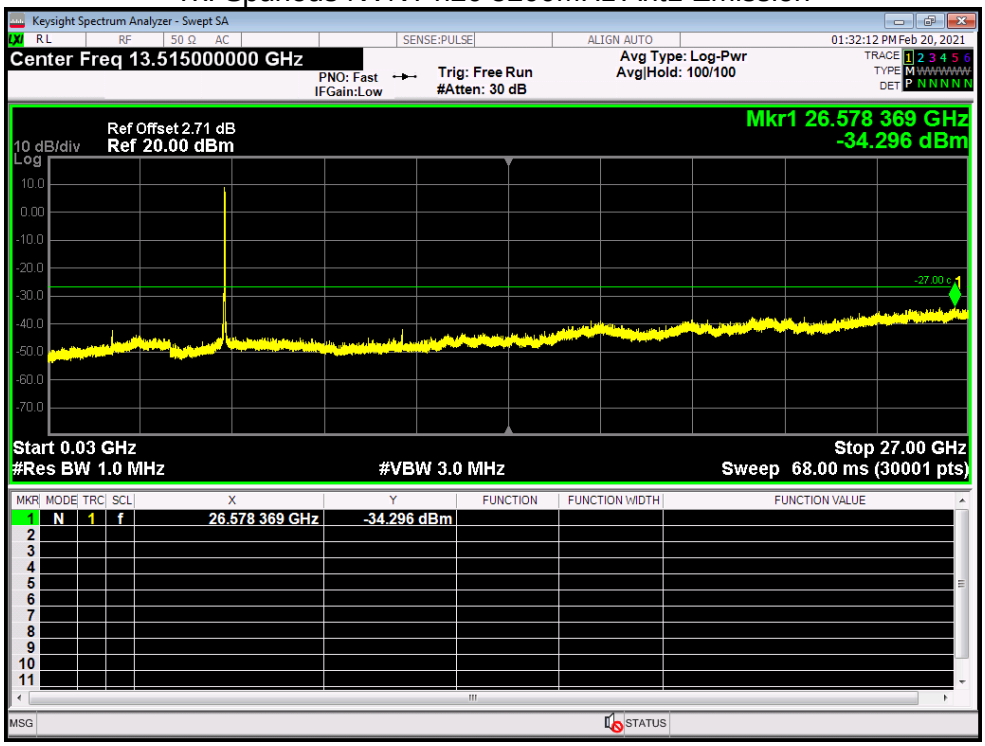
Tx. Spurious NVNT a 5240MHz Ant1 Emission



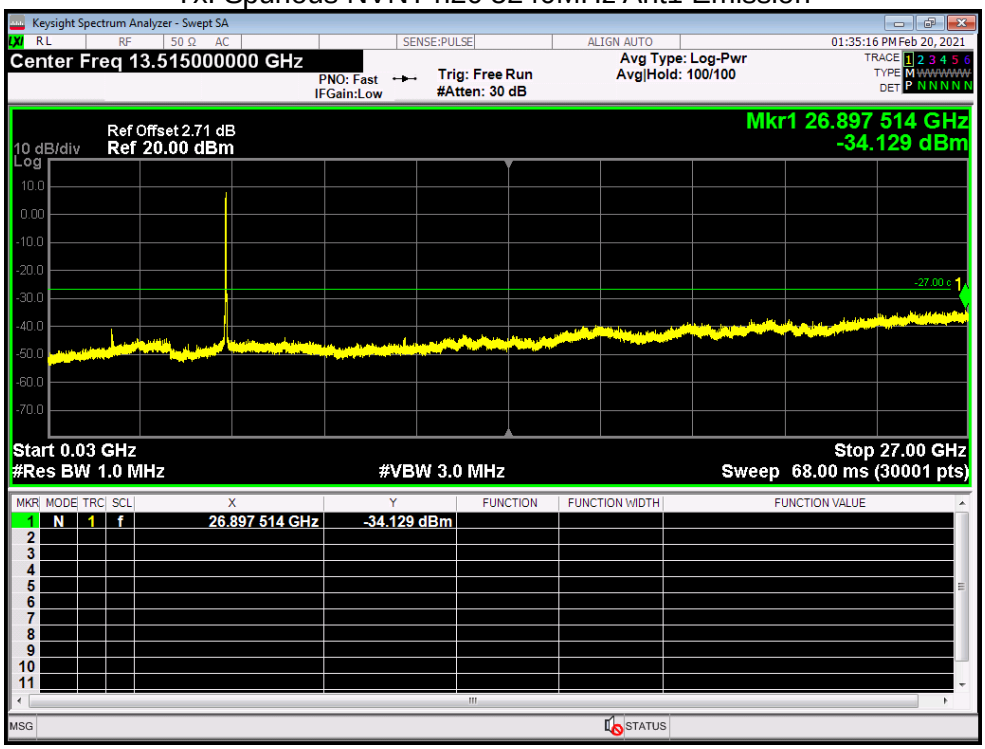
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



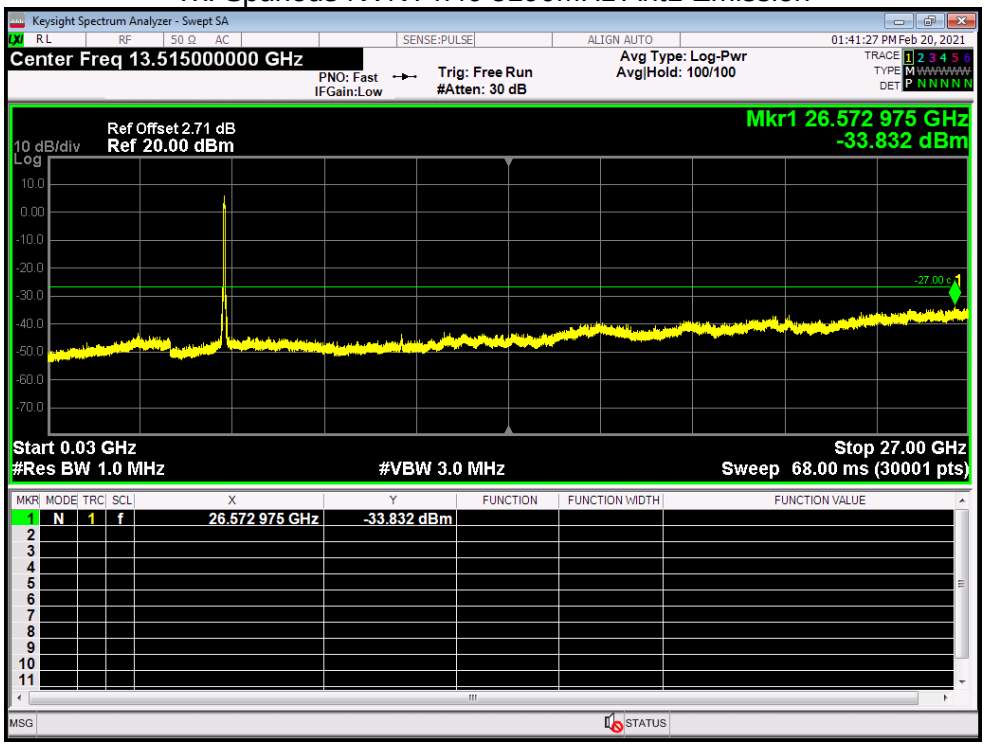
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



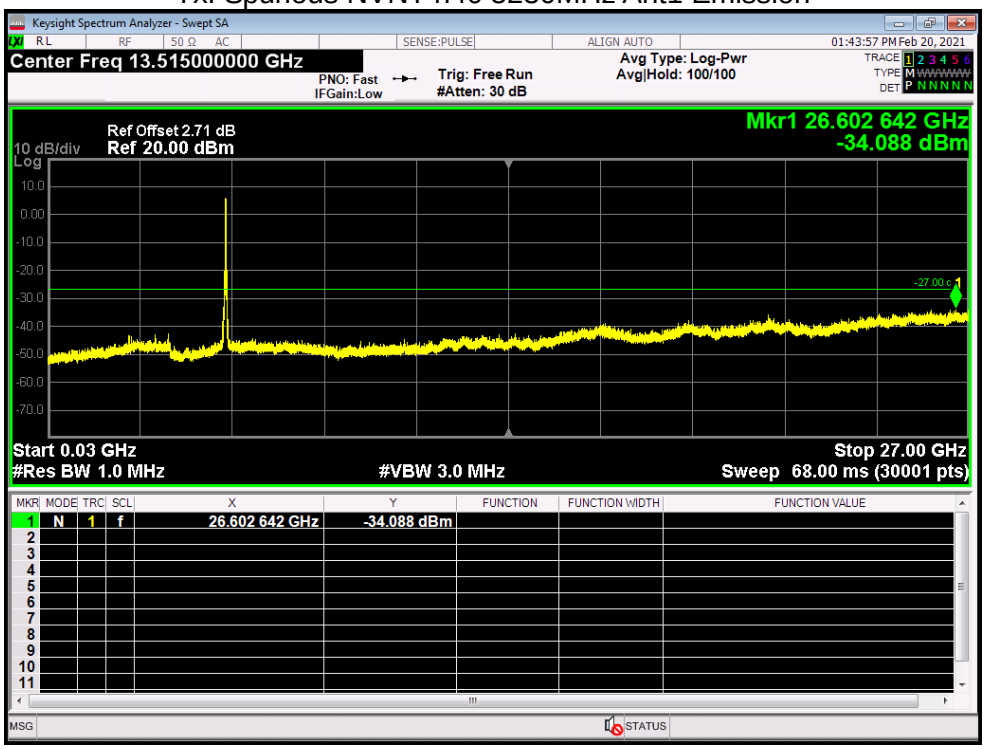
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission

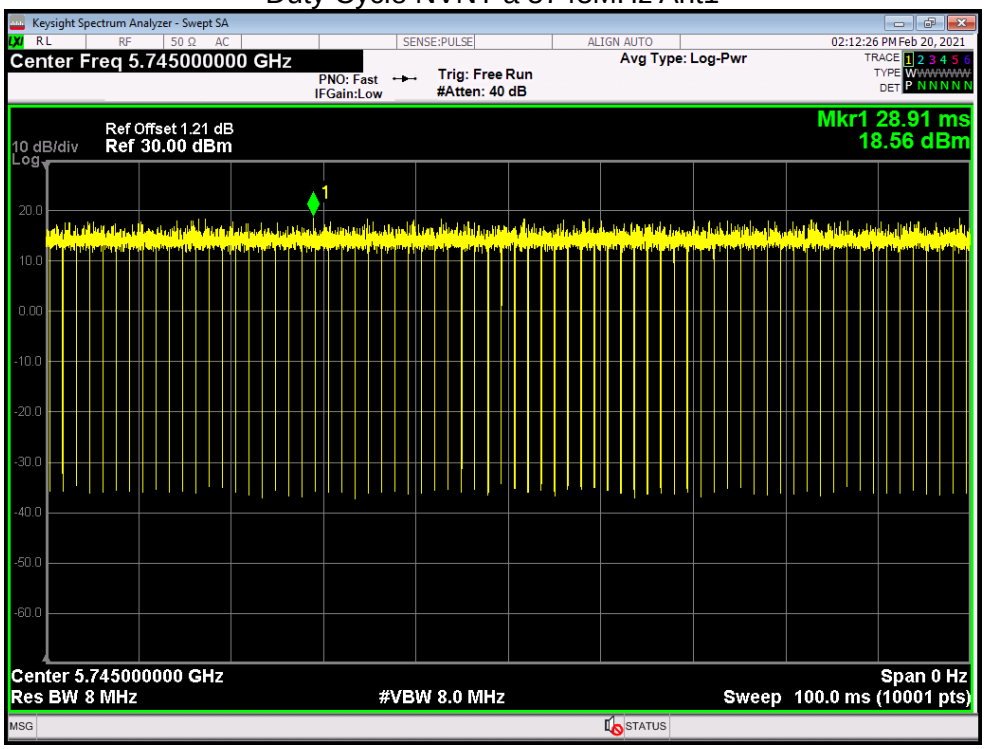


5.8G

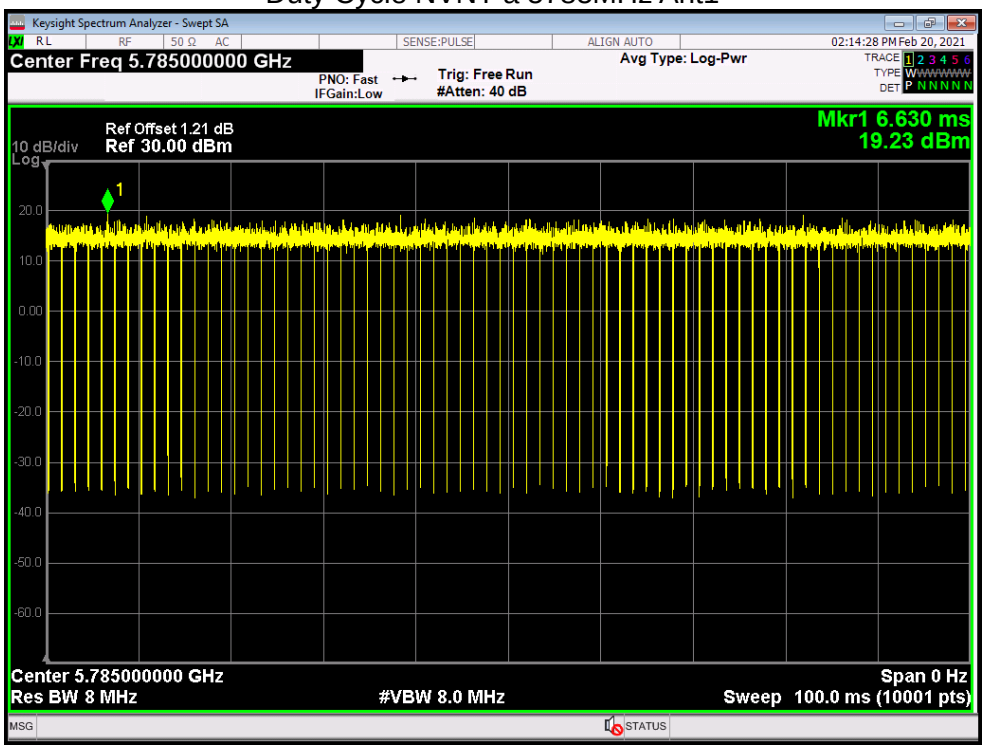
5.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	n20	5745	Ant1	100	0
NVNT	n20	5785	Ant1	100	0
NVNT	n20	5825	Ant1	100	0
NVNT	n40	5755	Ant1	100	0
NVNT	n40	5795	Ant1	100	0

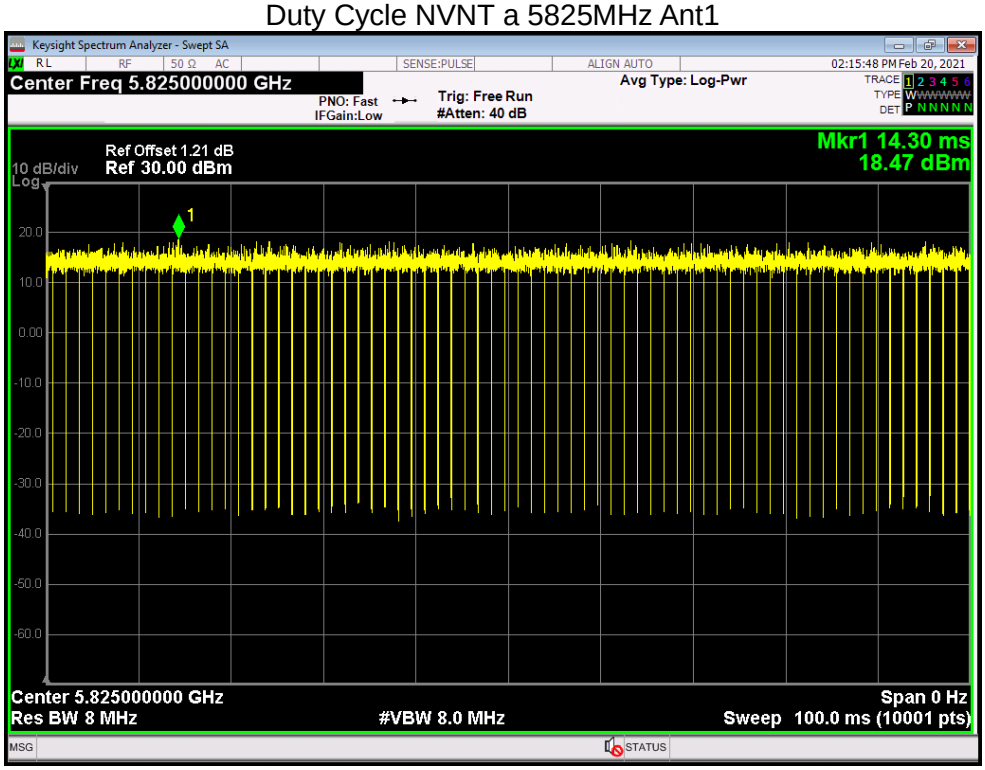
Duty Cycle NVNT a 5745MHz Ant1



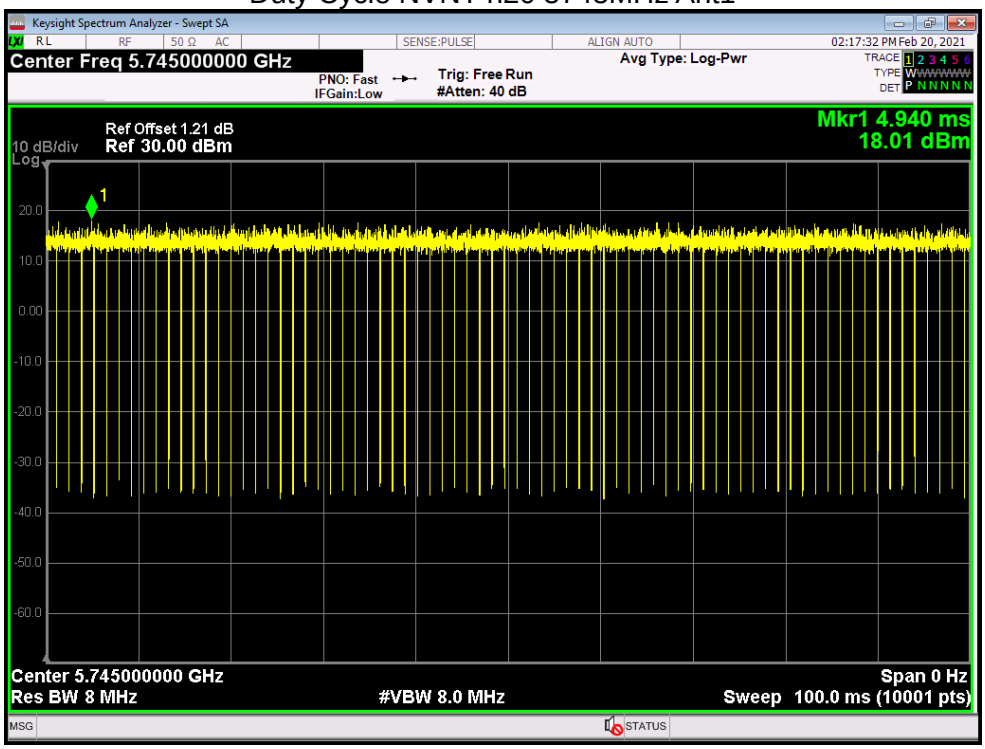
Duty Cycle NVNT a 5785MHz Ant1



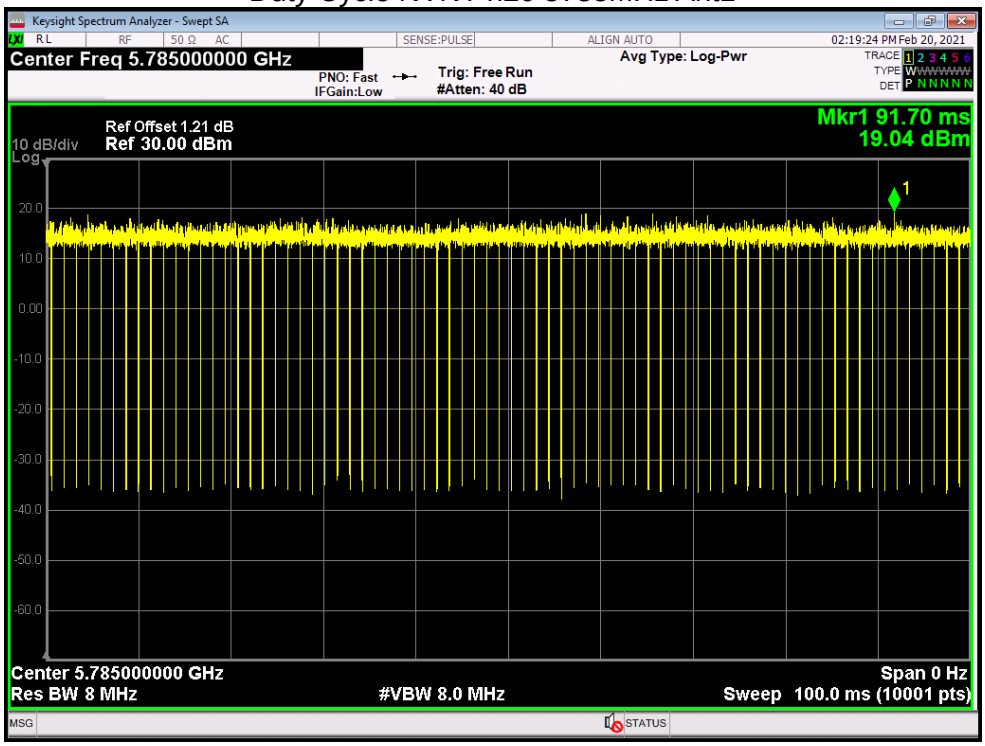
Duty Cycle NVNT a 5825MHz Ant1



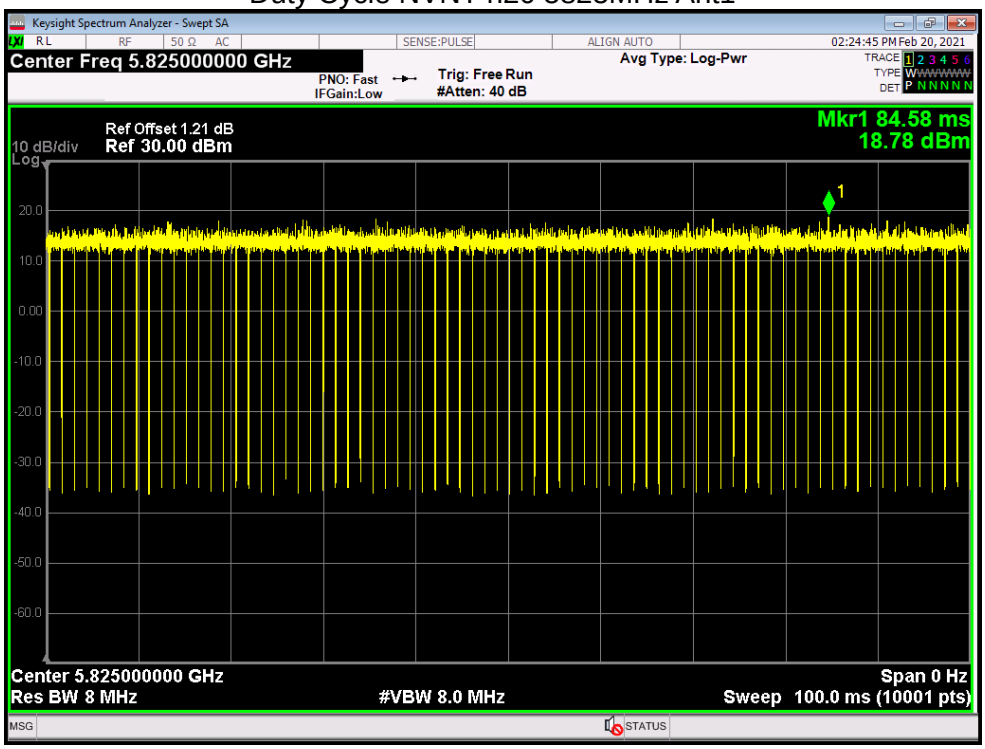
Duty Cycle NVNT n20 5745MHz Ant1



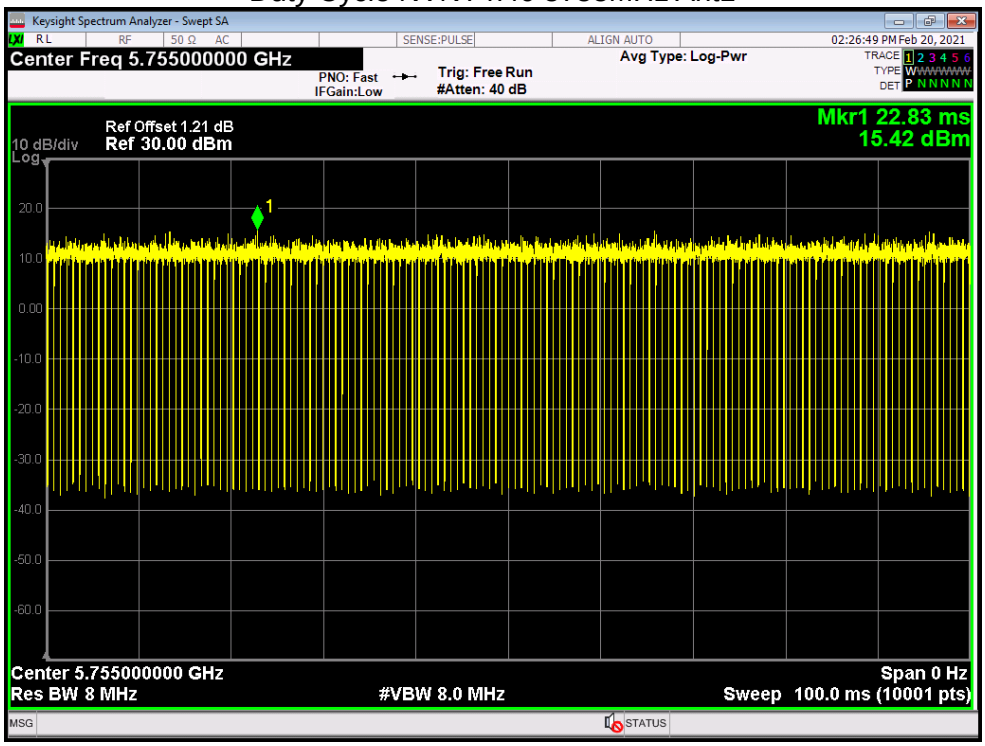
Duty Cycle NVNT n20 5785MHz Ant1



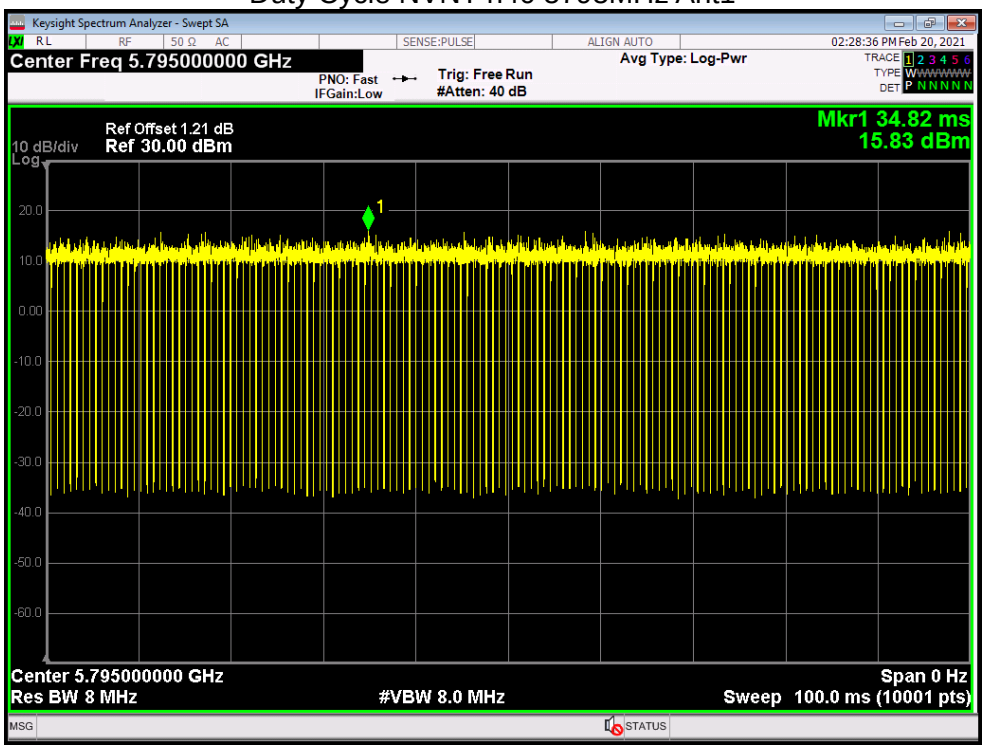
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



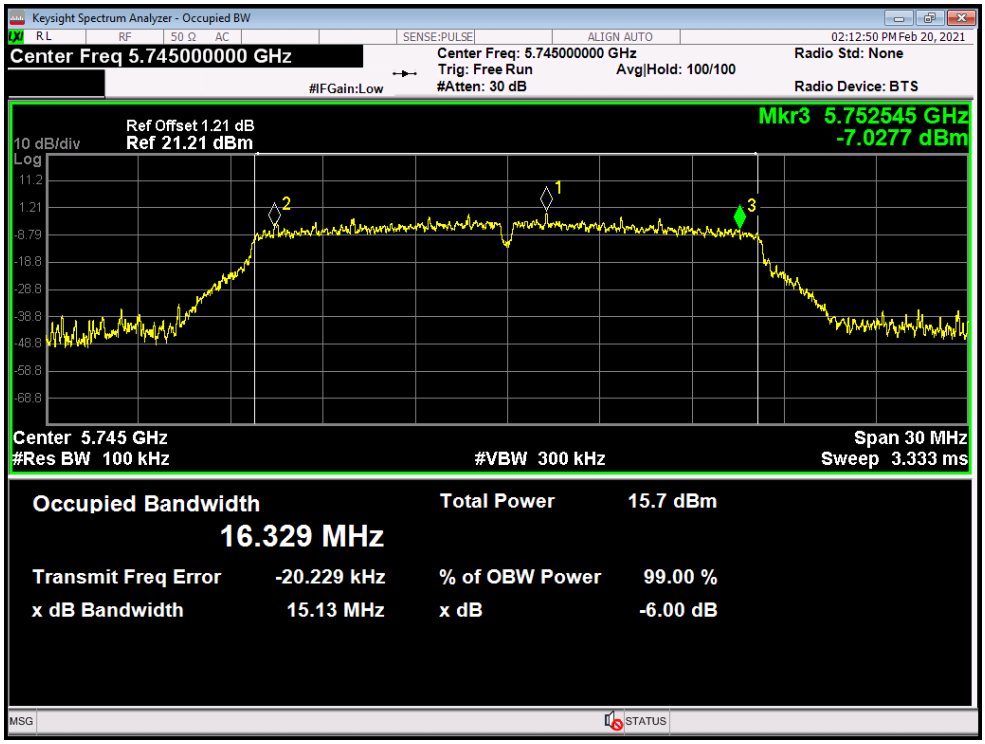
5.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.677	0	9.677	30	Pass
NVNT	a	5785	Ant1	10.207	0	10.207	30	Pass
NVNT	a	5825	Ant1	9.543	0	9.543	30	Pass
NVNT	n20	5745	Ant1	9.689	0	9.689	30	Pass
NVNT	n20	5785	Ant1	9.946	0	9.946	30	Pass
NVNT	n20	5825	Ant1	9.414	0	9.414	30	Pass
NVNT	n40	5755	Ant1	9.49	0	9.49	30	Pass
NVNT	n40	5795	Ant1	9.87	0	9.87	30	Pass

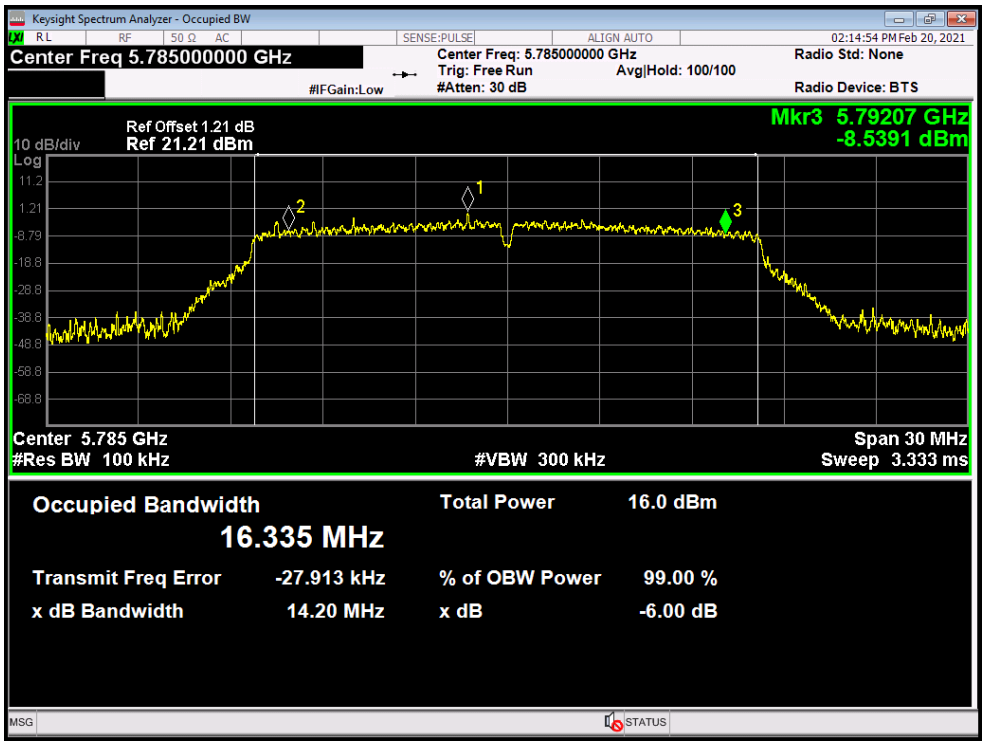
5.3 -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.131	0.5	Pass
NVNT	a	5785	Ant1	14.195	0.5	Pass
NVNT	a	5825	Ant1	16.283	0.5	Pass
NVNT	n20	5745	Ant1	15.067	0.5	Pass
NVNT	n20	5785	Ant1	15.118	0.5	Pass
NVNT	n20	5825	Ant1	14.152	0.5	Pass
NVNT	n40	5755	Ant1	35.065	0.5	Pass
NVNT	n40	5795	Ant1	35.053	0.5	Pass

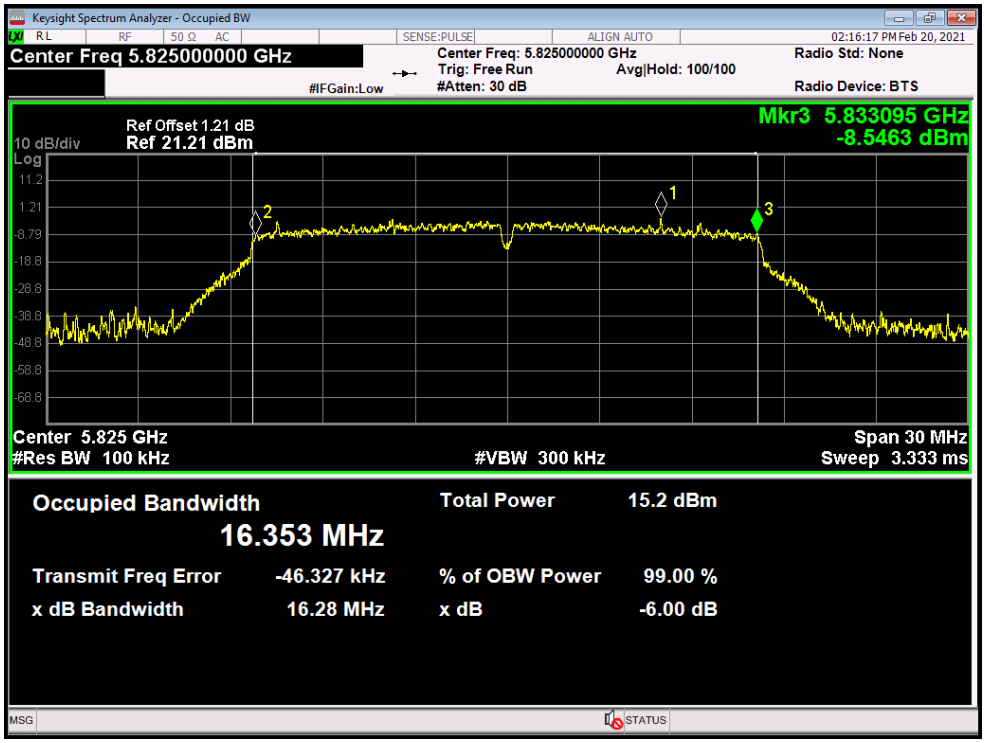
-6dB Bandwidth NVNT a 5745MHz Ant1



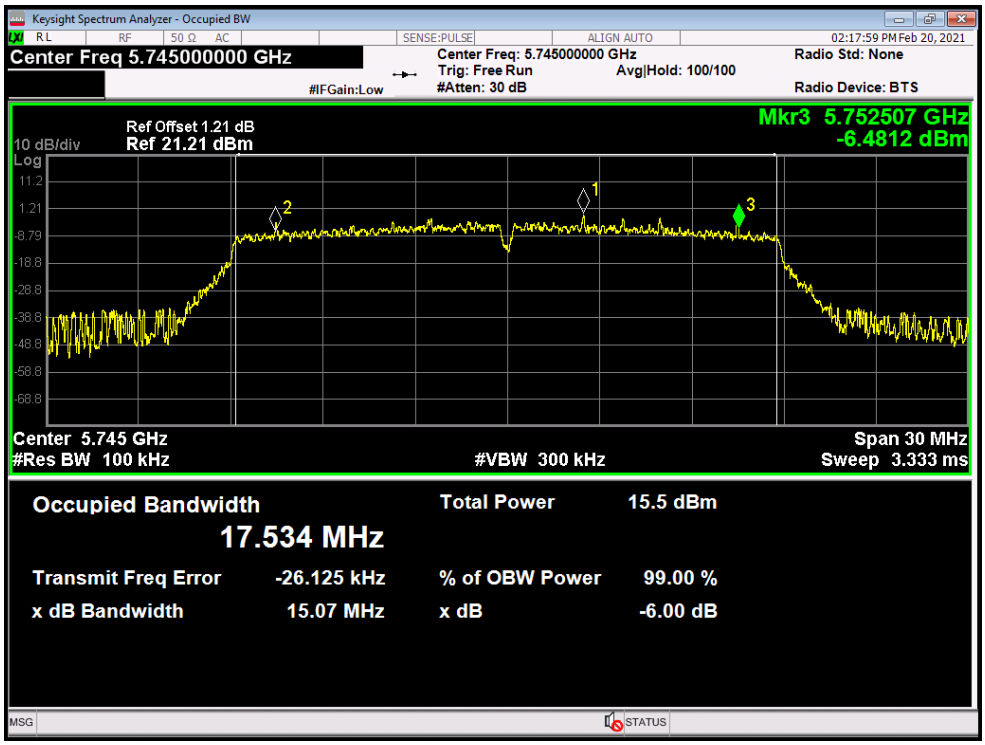
-6dB Bandwidth NVNT a 5785MHz Ant1



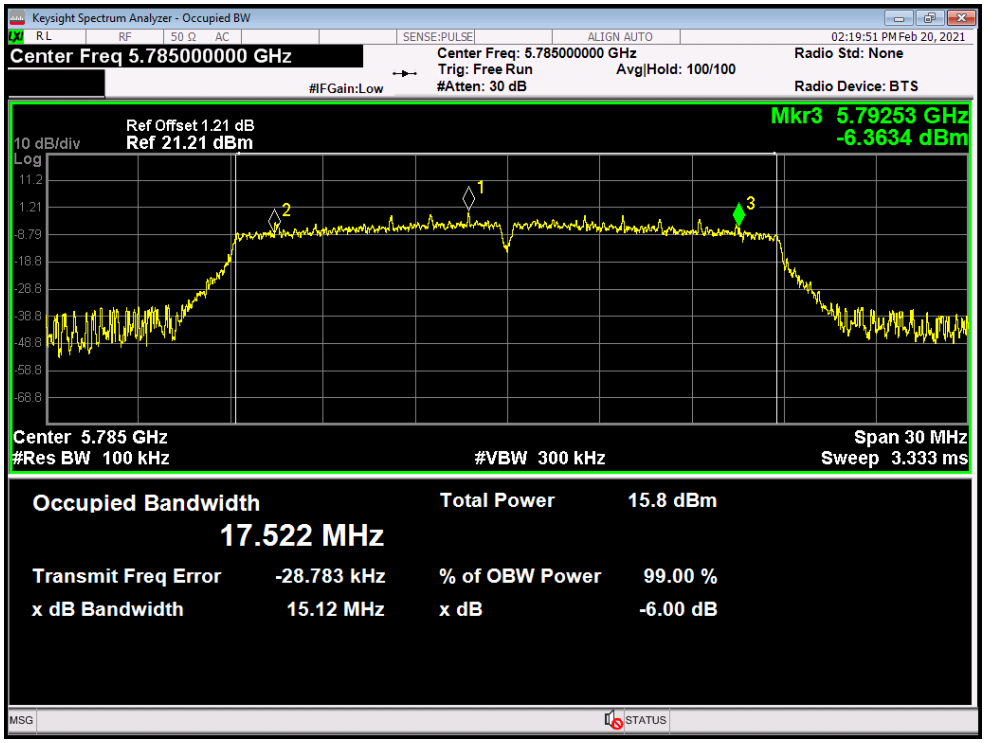
-6dB Bandwidth NVNT a 5825MHz Ant1



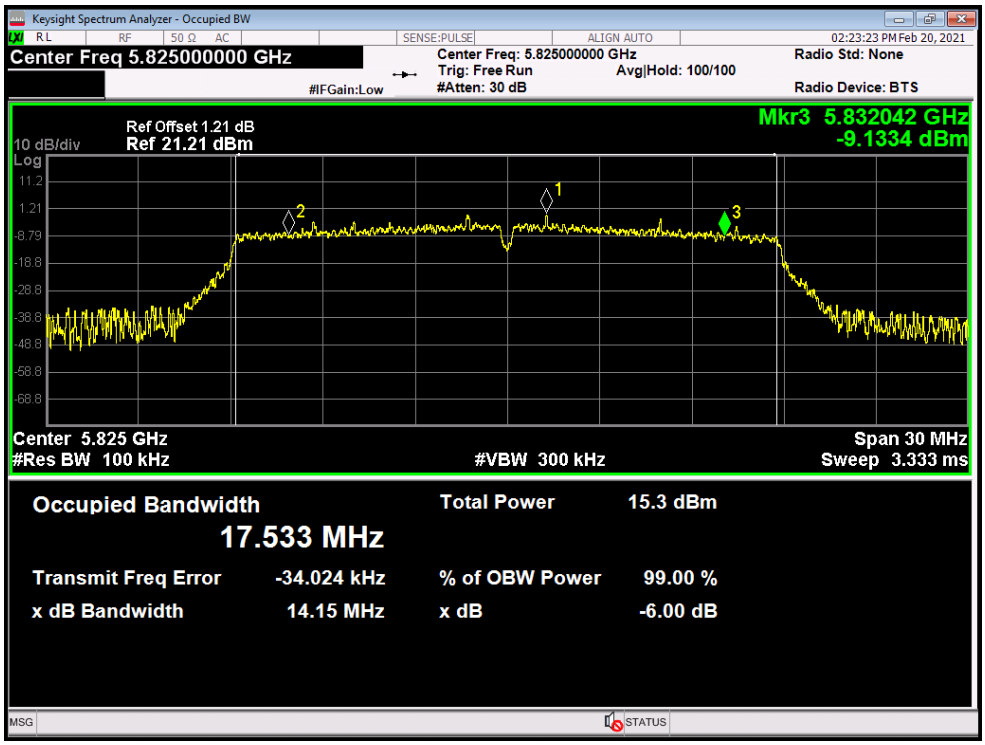
-6dB Bandwidth NVNT n20 5745MHz Ant1



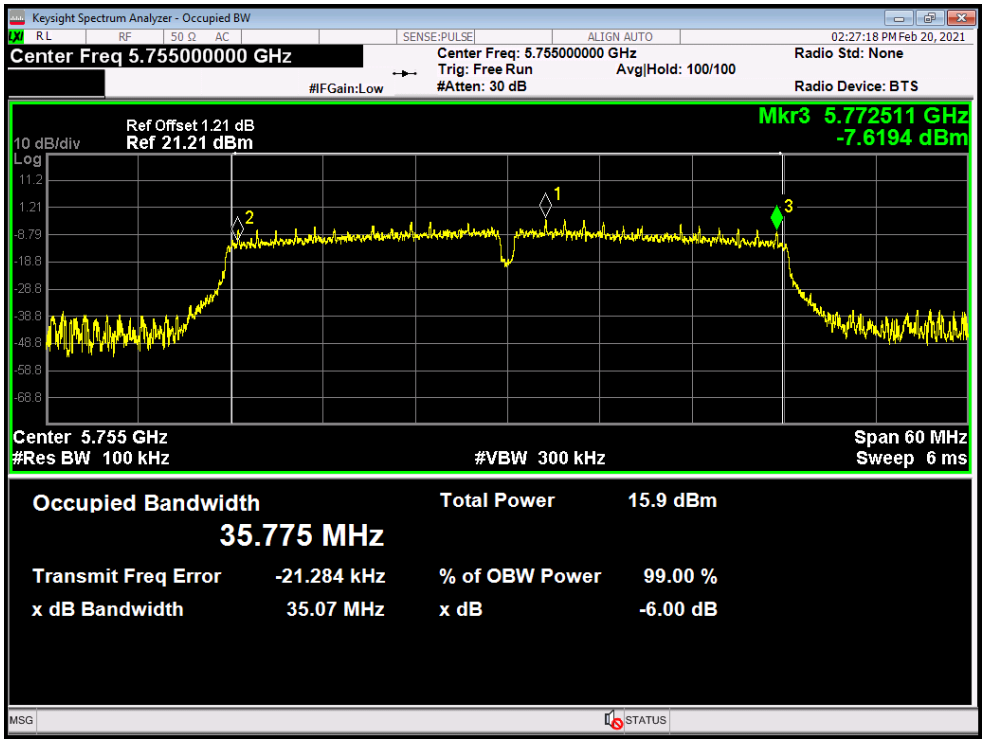
-6dB Bandwidth NVNT n20 5785MHz Ant1



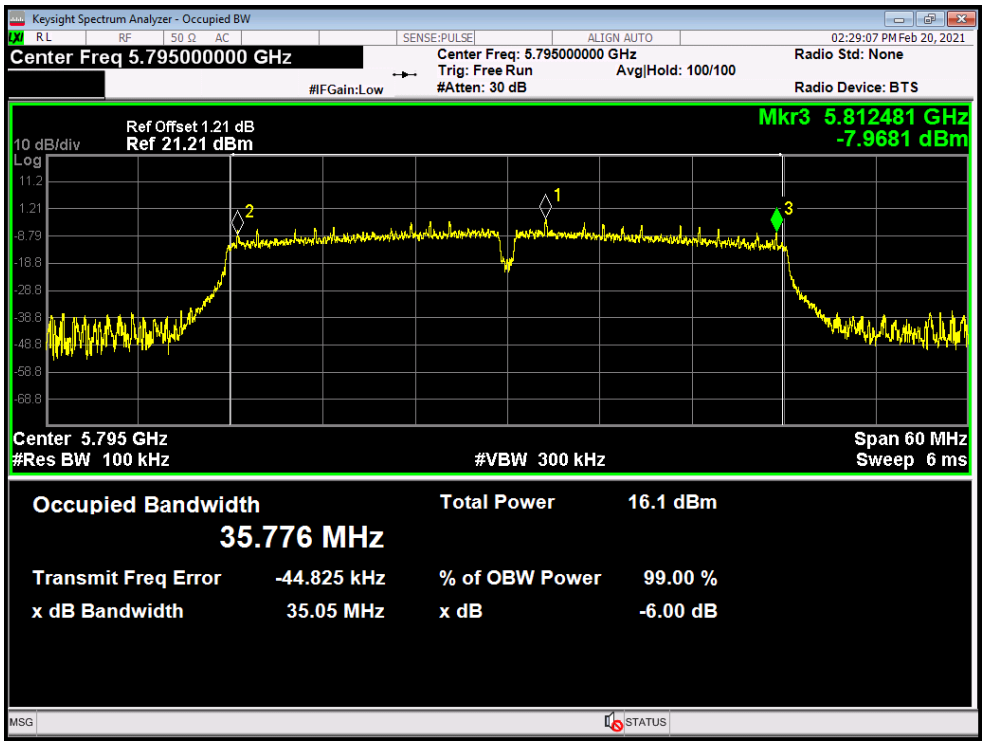
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



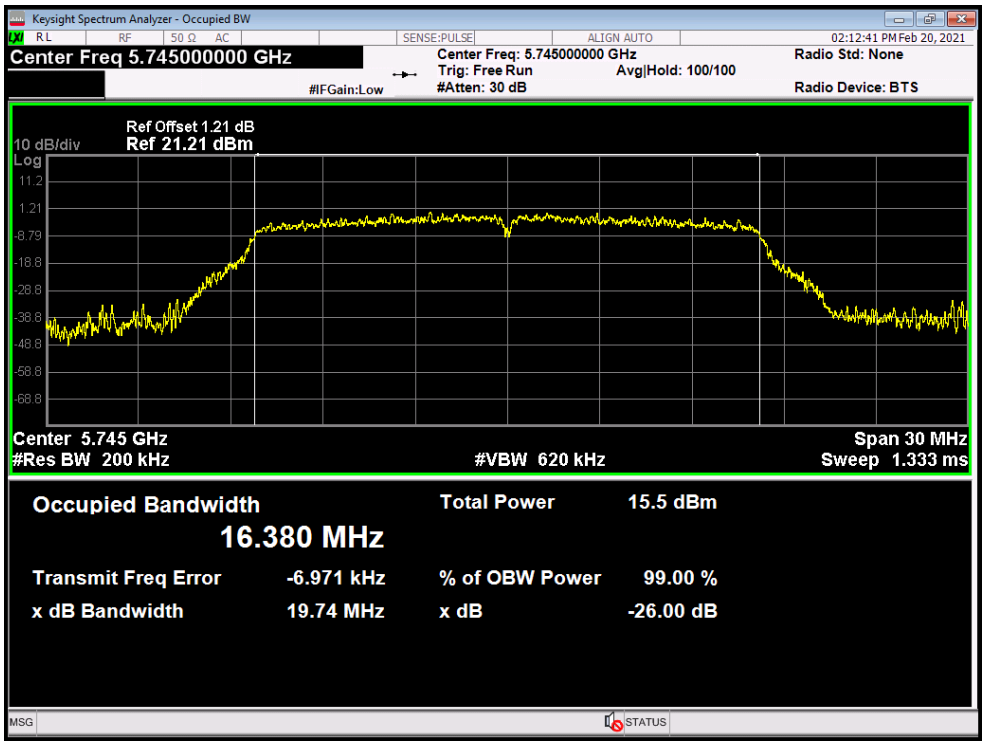
-6dB Bandwidth NVNT n40 5795MHz Ant1



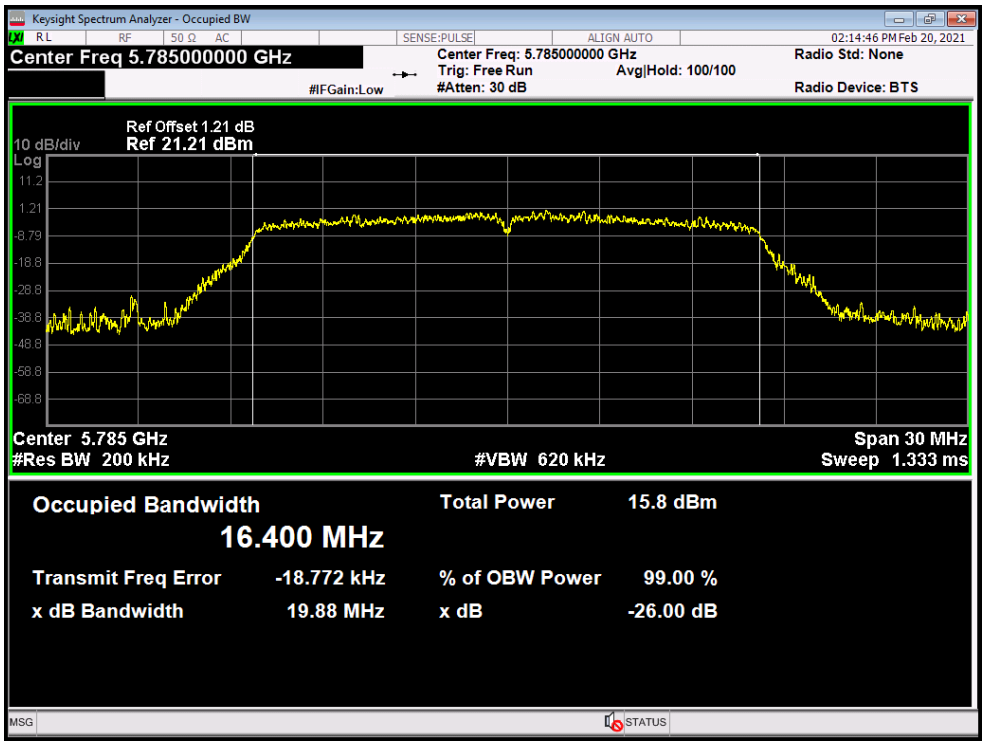
5.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.38
NVNT	a	5785	Ant1	16.4
NVNT	a	5825	Ant1	16.414
NVNT	n20	5745	Ant1	17.551
NVNT	n20	5785	Ant1	17.531
NVNT	n20	5825	Ant1	17.553
NVNT	n40	5755	Ant1	36.032
NVNT	n40	5795	Ant1	35.948

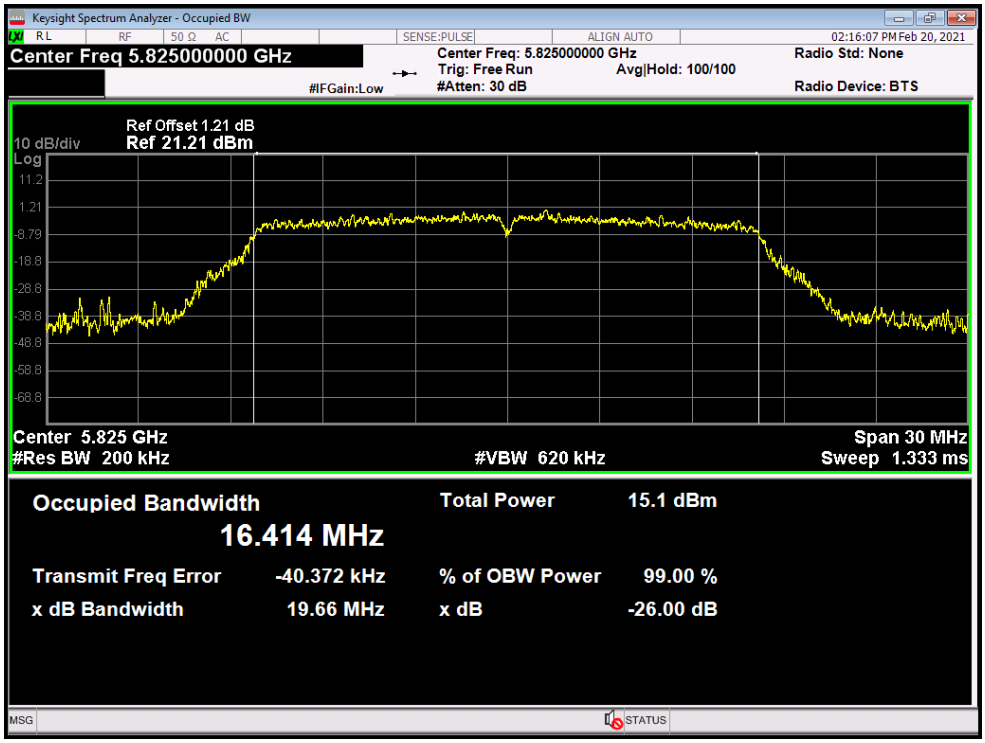
OBW NVNT a 5745MHz Ant1



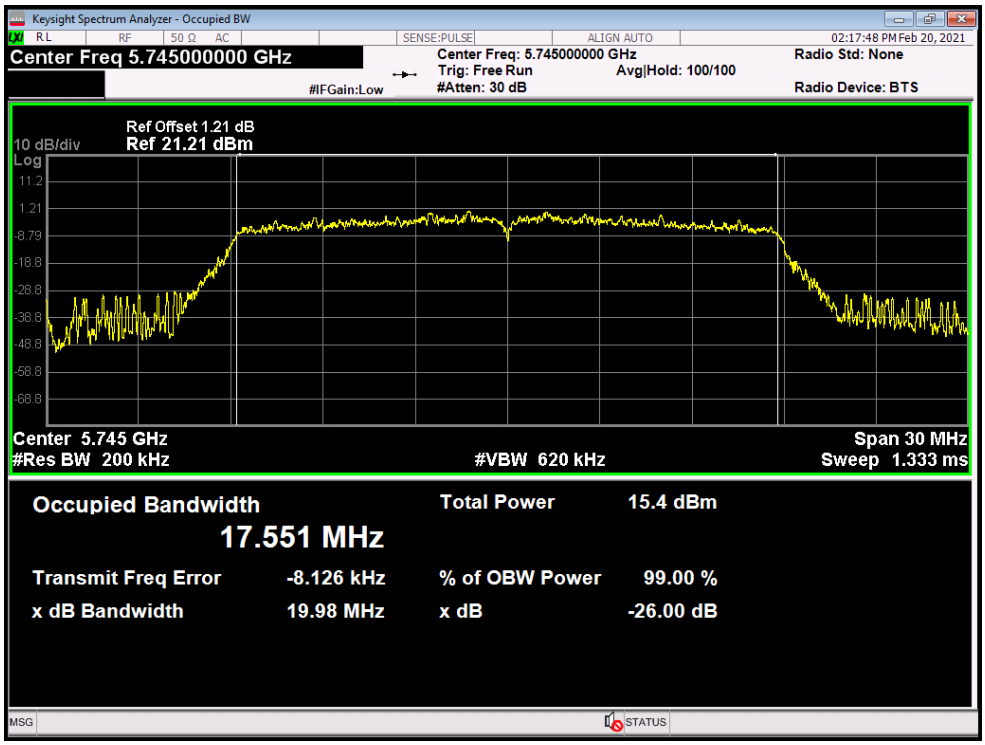
OBW NVNT a 5785MHz Ant1



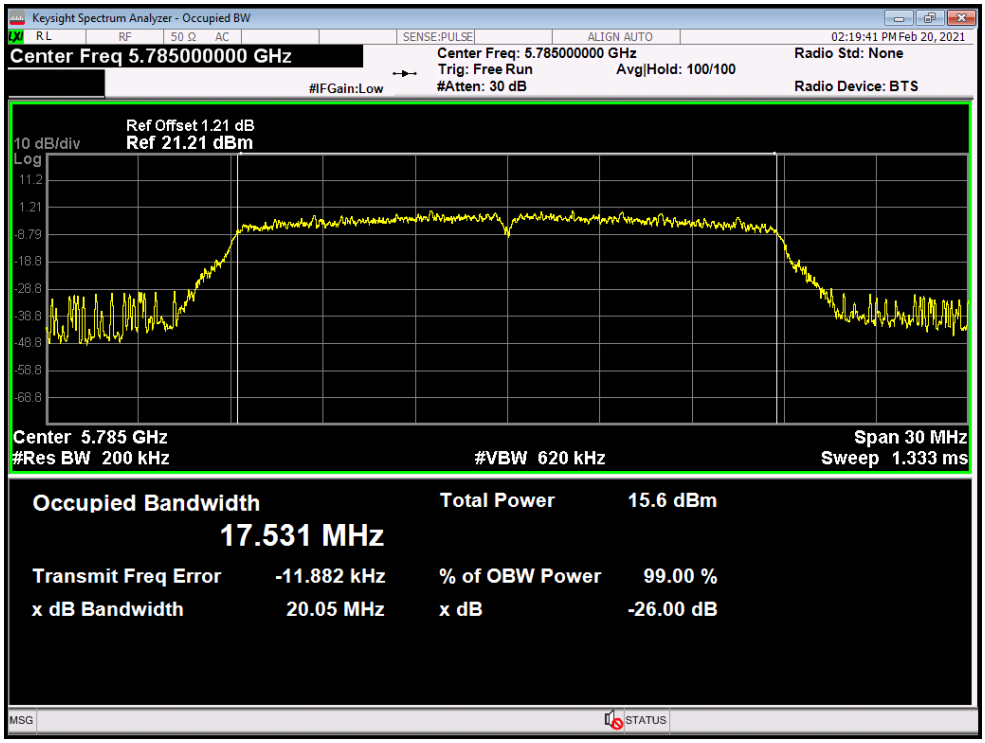
OBW NVNT a 5825MHz Ant1



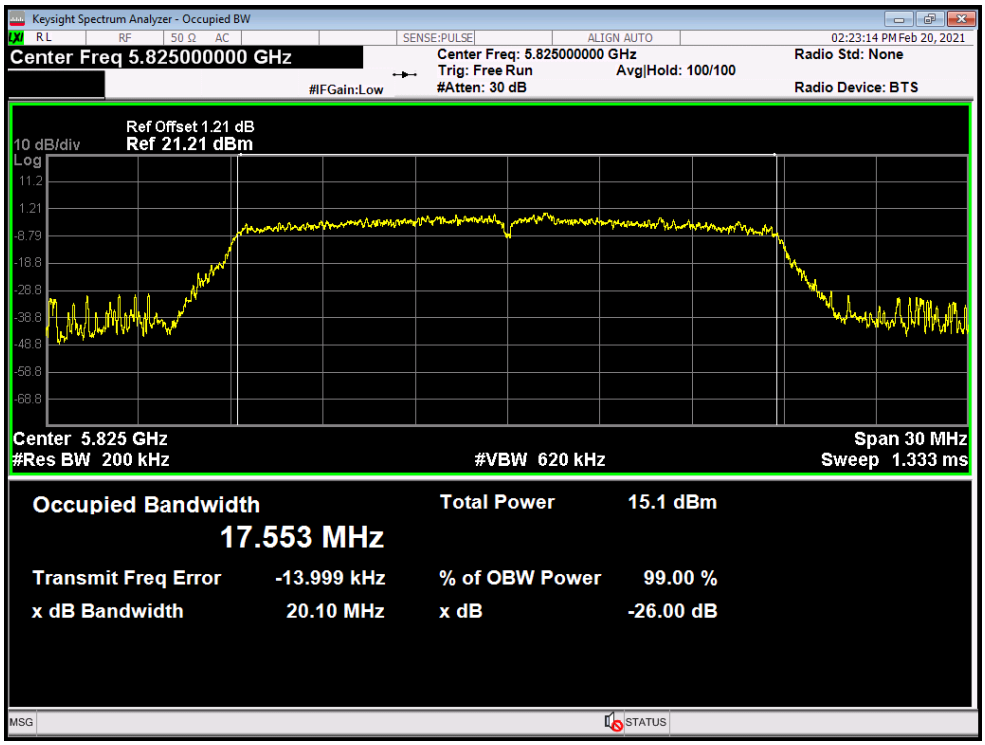
OBW NVNT n20 5745MHz Ant1



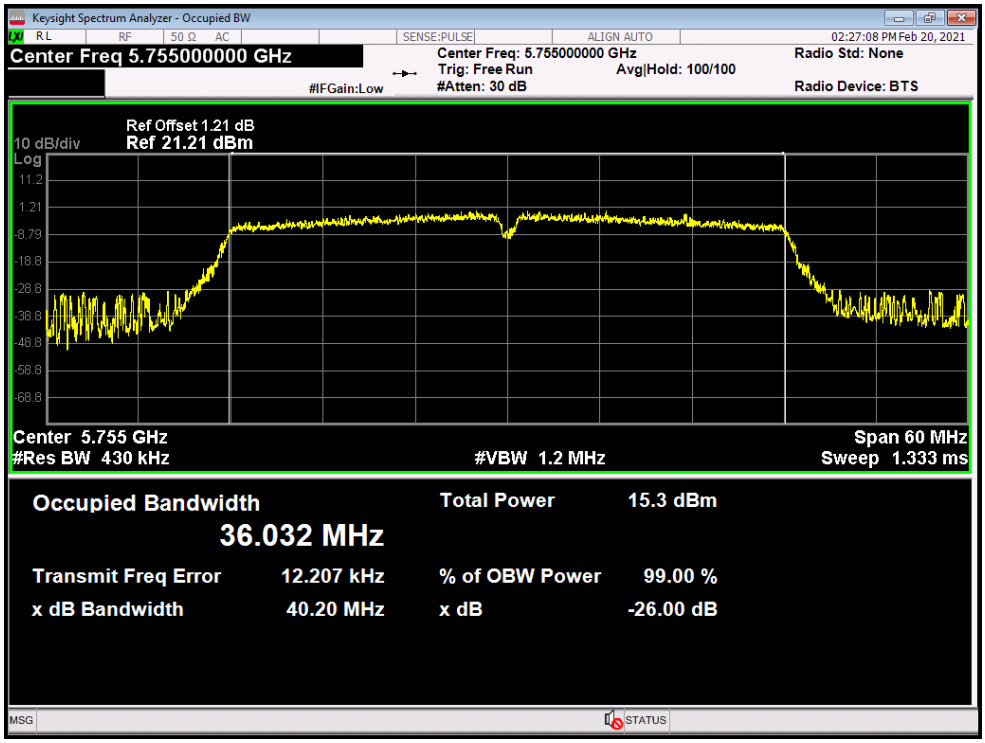
OBW NVNT n20 5785MHz Ant1



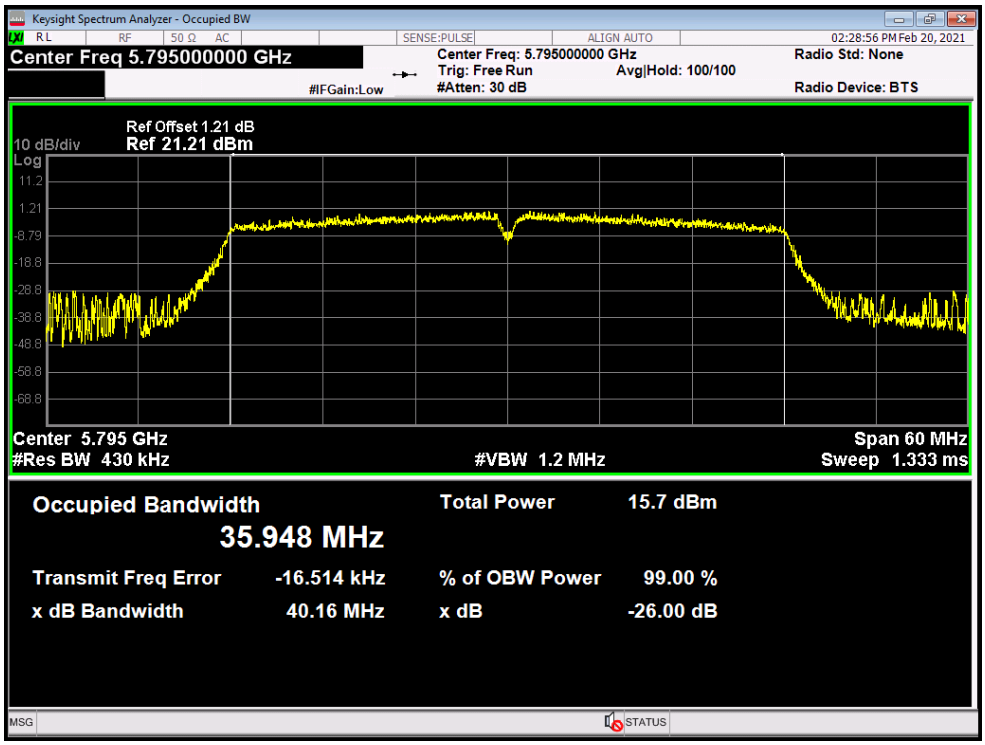
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



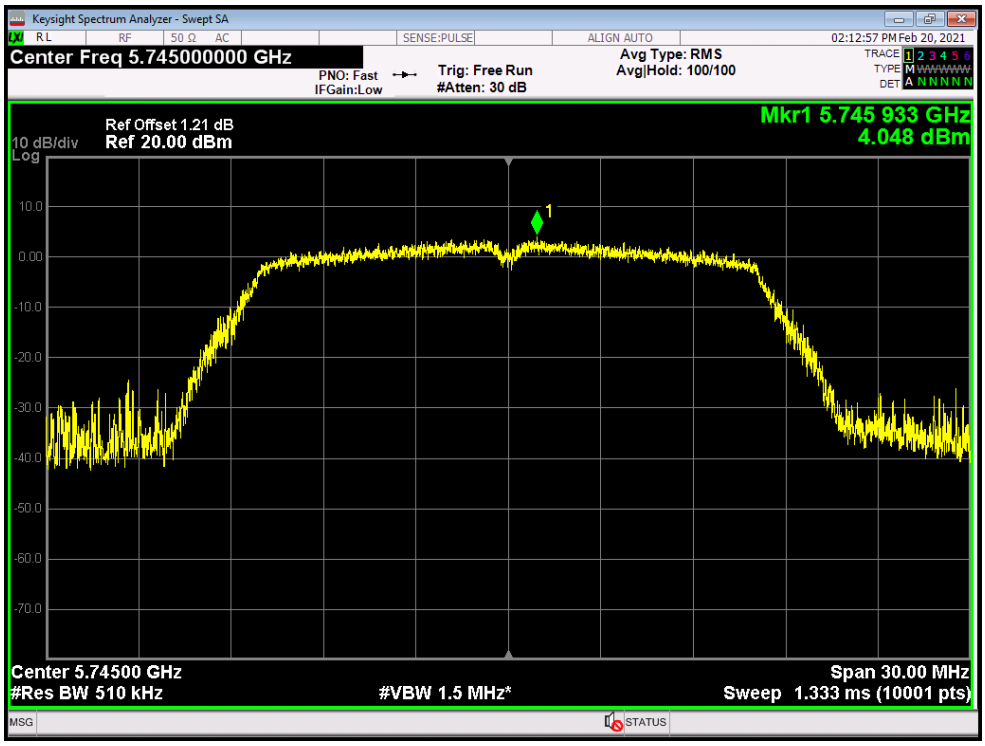
OBW NVNT n40 5795MHz Ant1



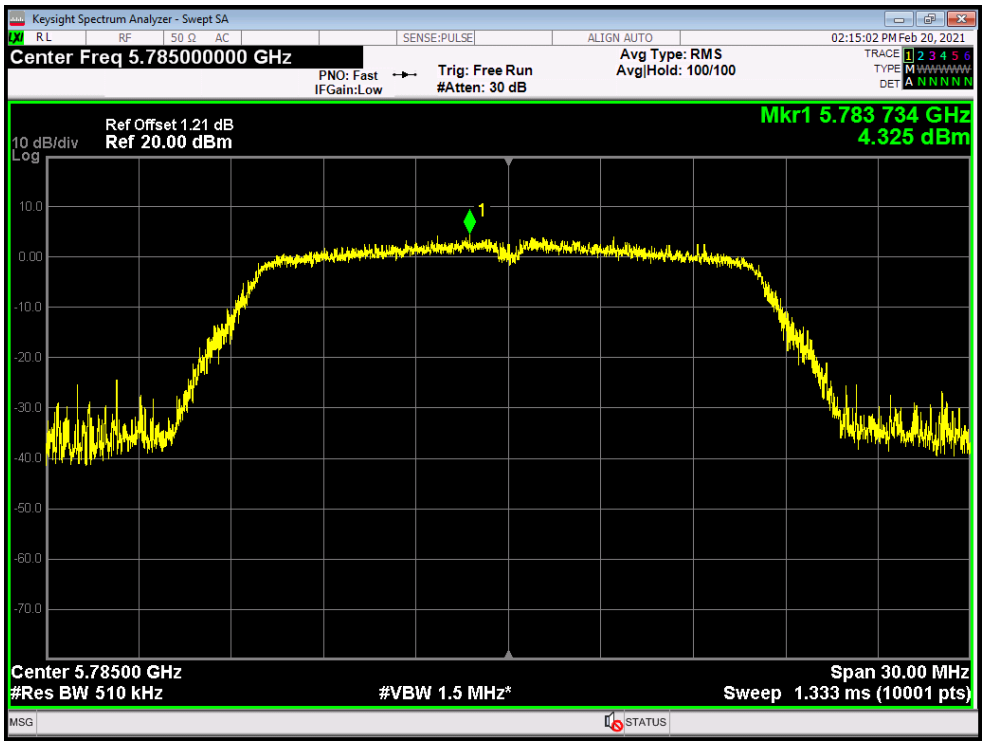
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	4.048	30	Pass
NVNT	a	5785	Ant1	4.325	30	Pass
NVNT	a	5825	Ant1	3.86	30	Pass
NVNT	n20	5745	Ant1	3.499	30	Pass
NVNT	n20	5785	Ant1	3.474	30	Pass
NVNT	n20	5825	Ant1	2.949	30	Pass
NVNT	n40	5755	Ant1	0.799	30	Pass
NVNT	n40	5795	Ant1	1.78	30	Pass

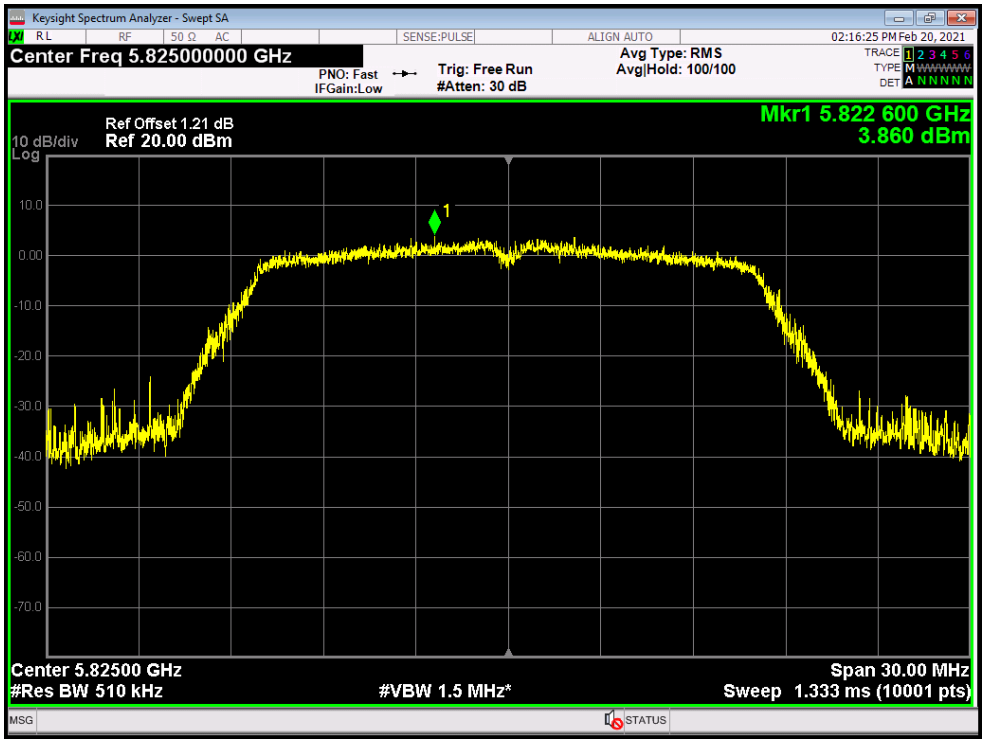
PSD NVNT a 5745MHz Ant1



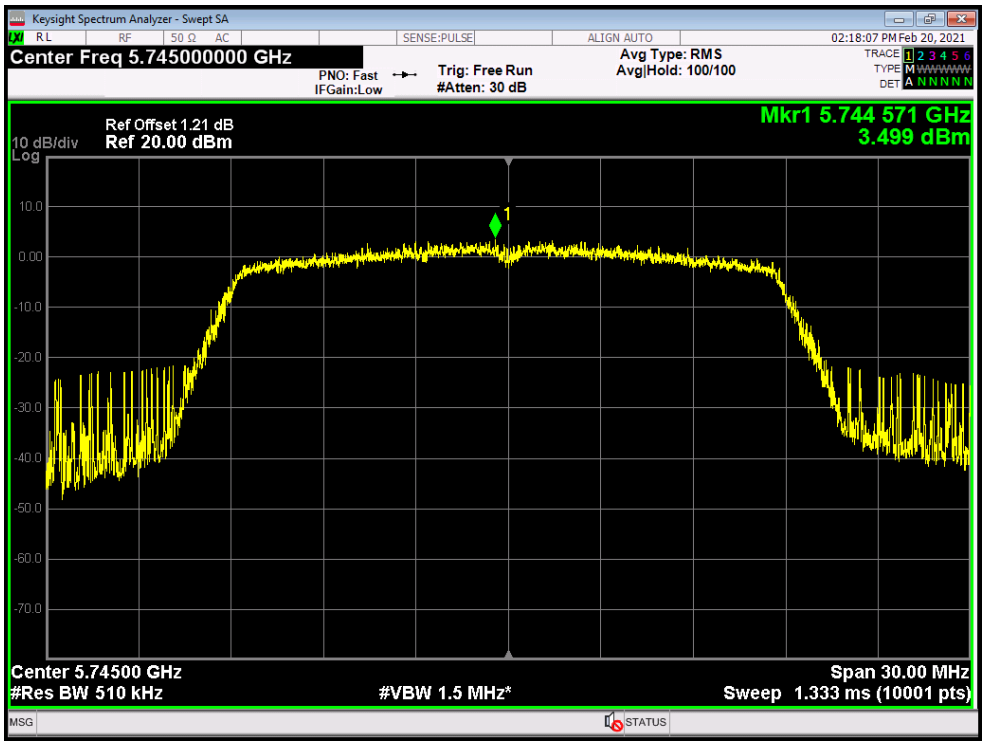
PSD NVNT a 5785MHz Ant1



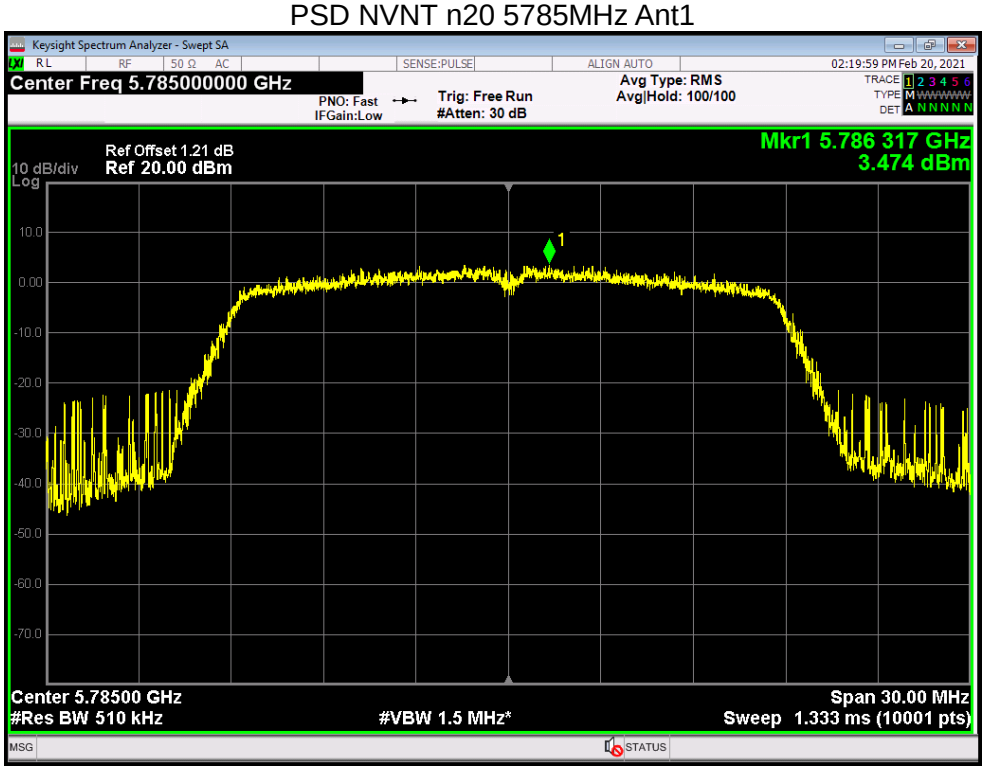
PSD NVNT a 5825MHz Ant1



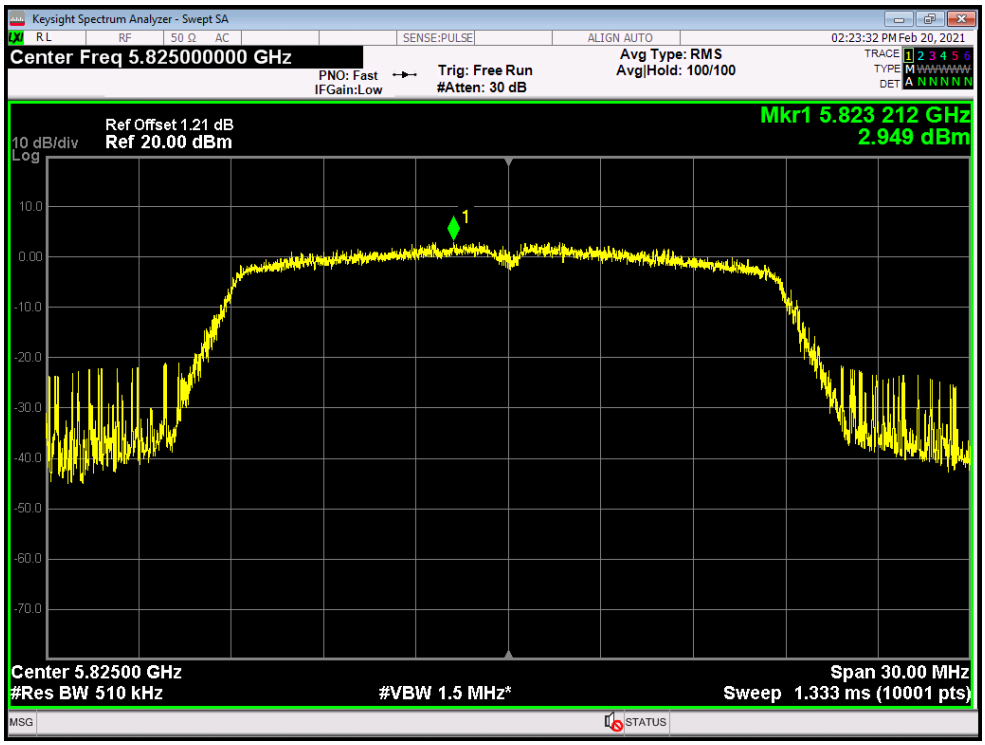
PSD NVNT n20 5745MHz Ant1



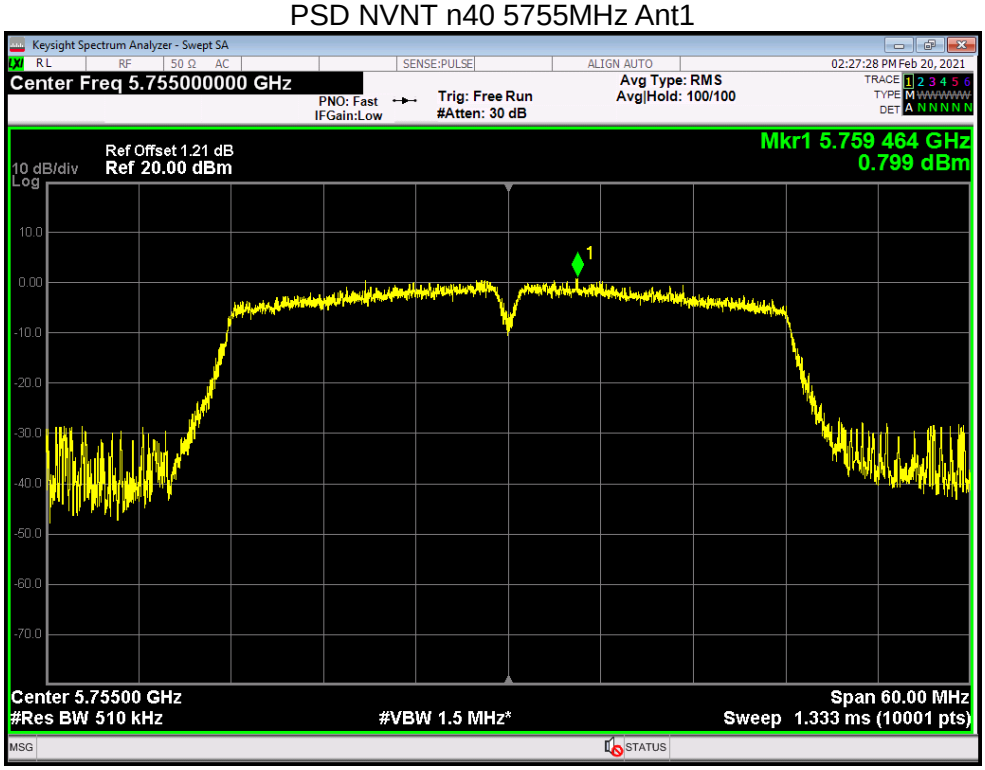
PSD NVNT n20 5785MHz Ant1



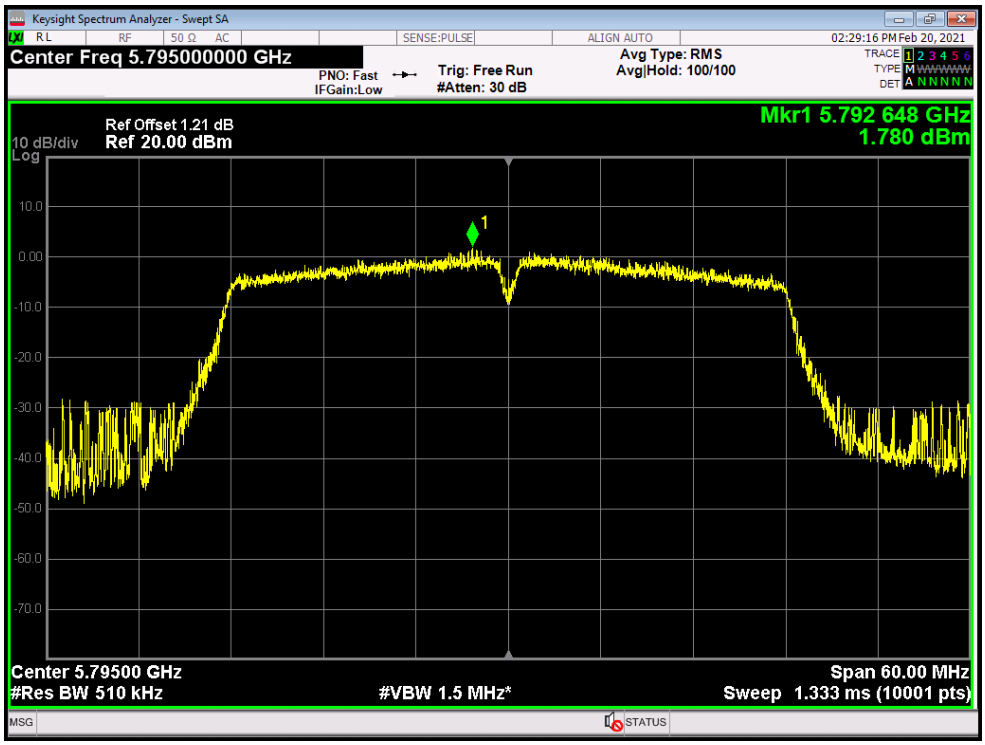
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



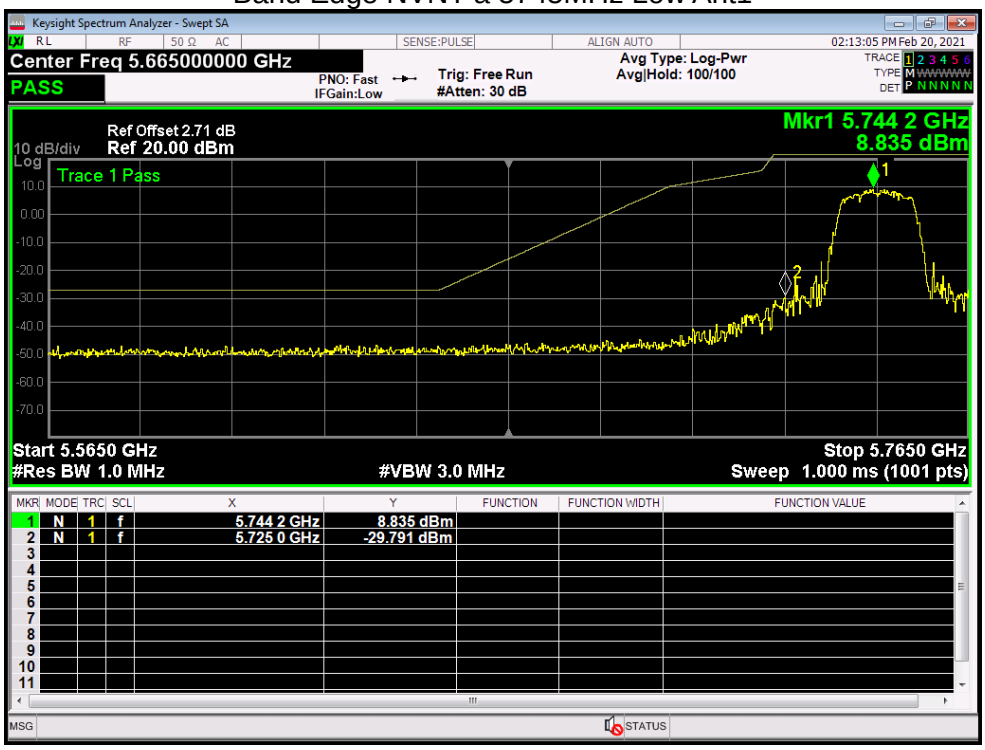
PSD NVNT n40 5795MHz Ant1



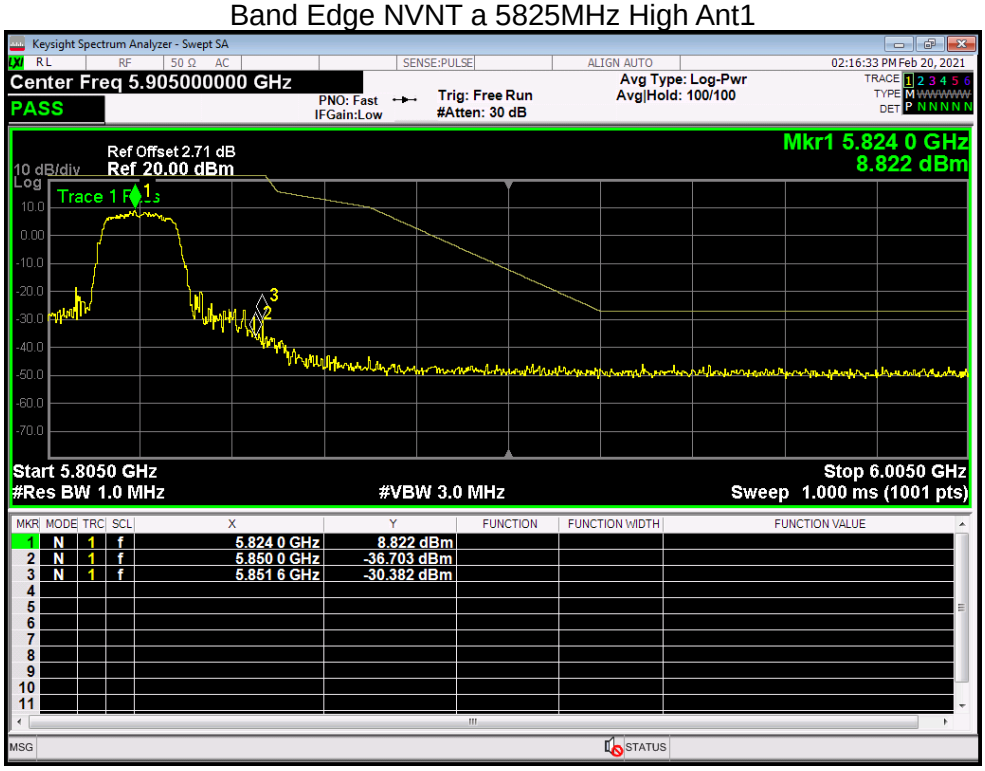
5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-29.79	Pass
NVNT	a	5825	Ant1	-30.38	Pass
NVNT	n20	5745	Ant1	-25.53	Pass
NVNT	n20	5825	Ant1	-32.21	Pass
NVNT	n40	5755	Ant1	-20.22	Pass
NVNT	n40	5795	Ant1	-38.32	Pass

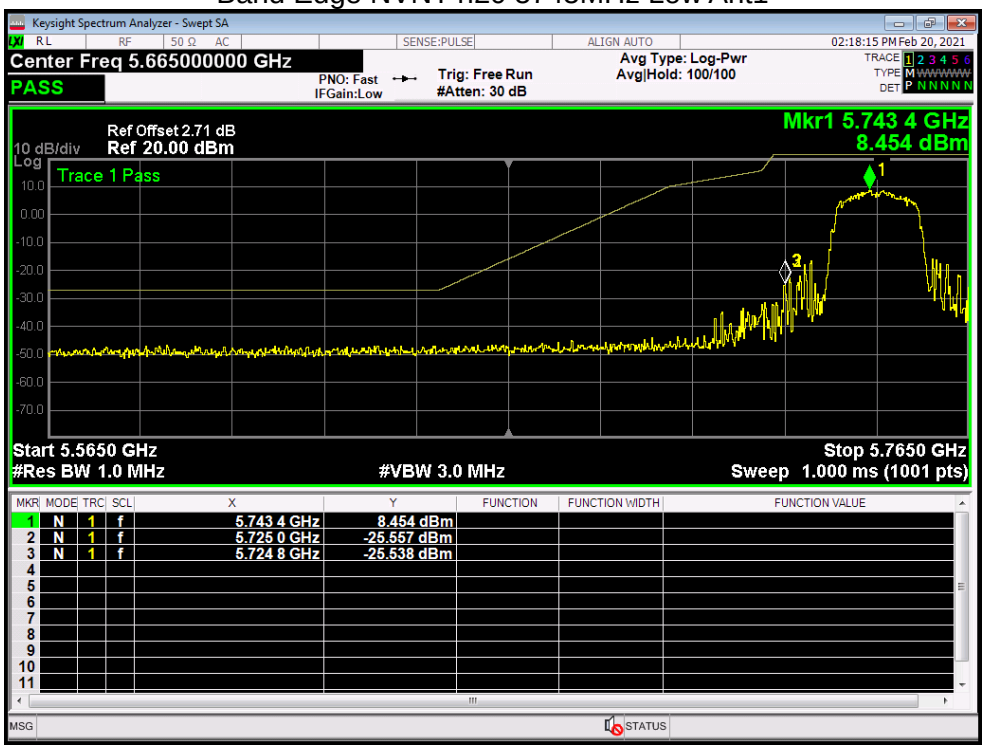
Band Edge NVNT a 5745MHz Low Ant1



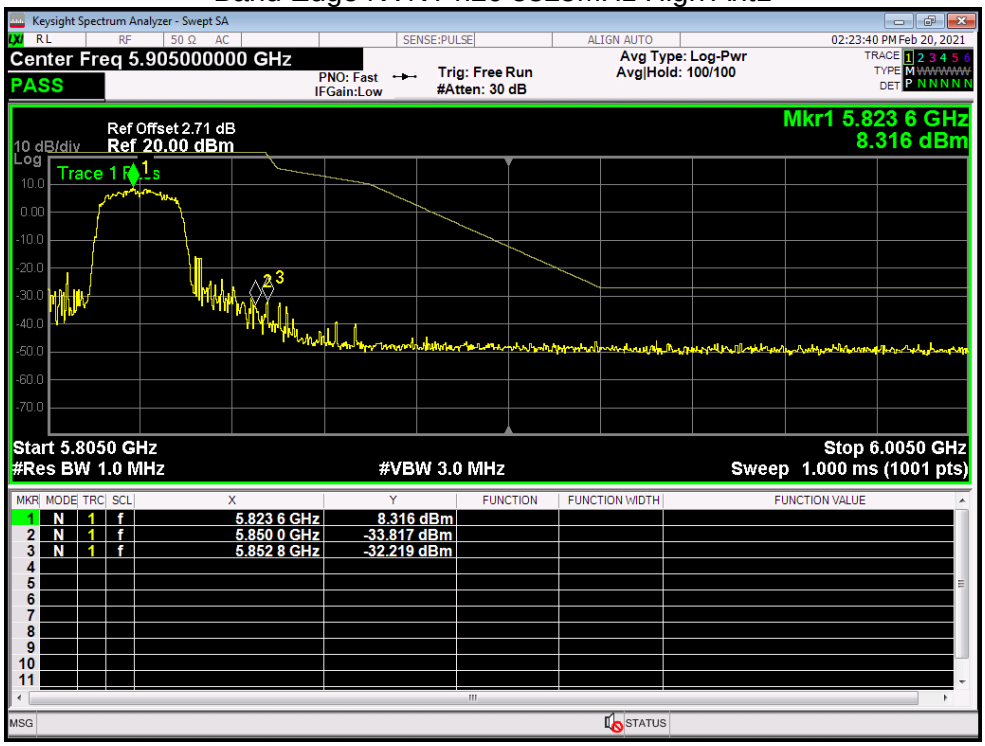
Band Edge NVNT a 5825MHz High Ant1



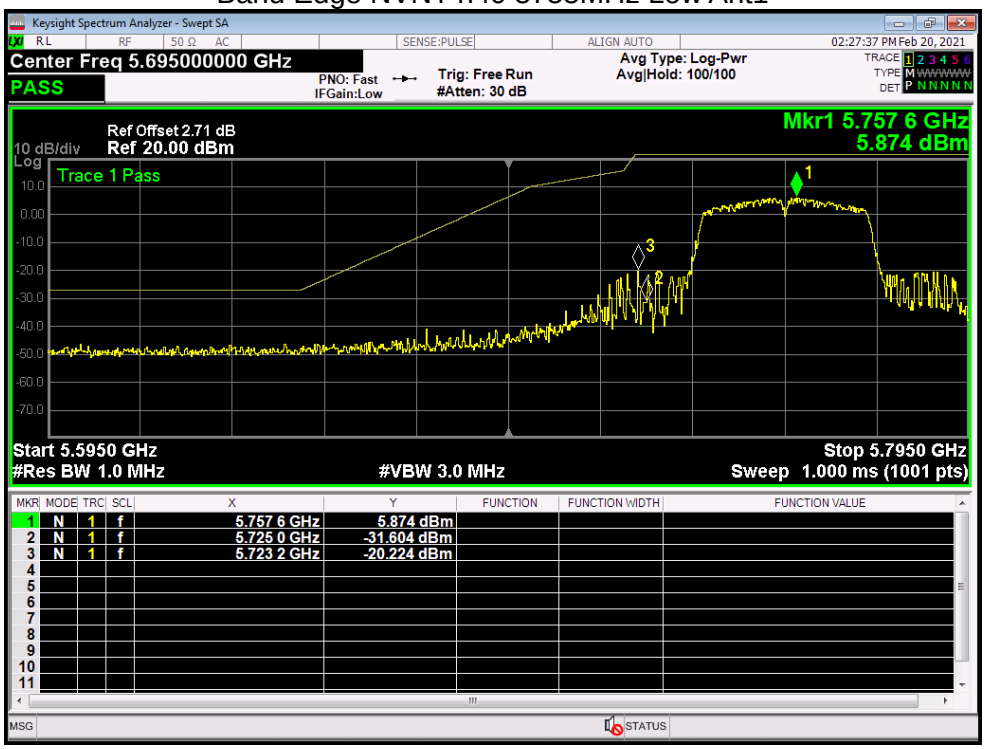
Band Edge NVNT n20 5745MHz Low Ant1



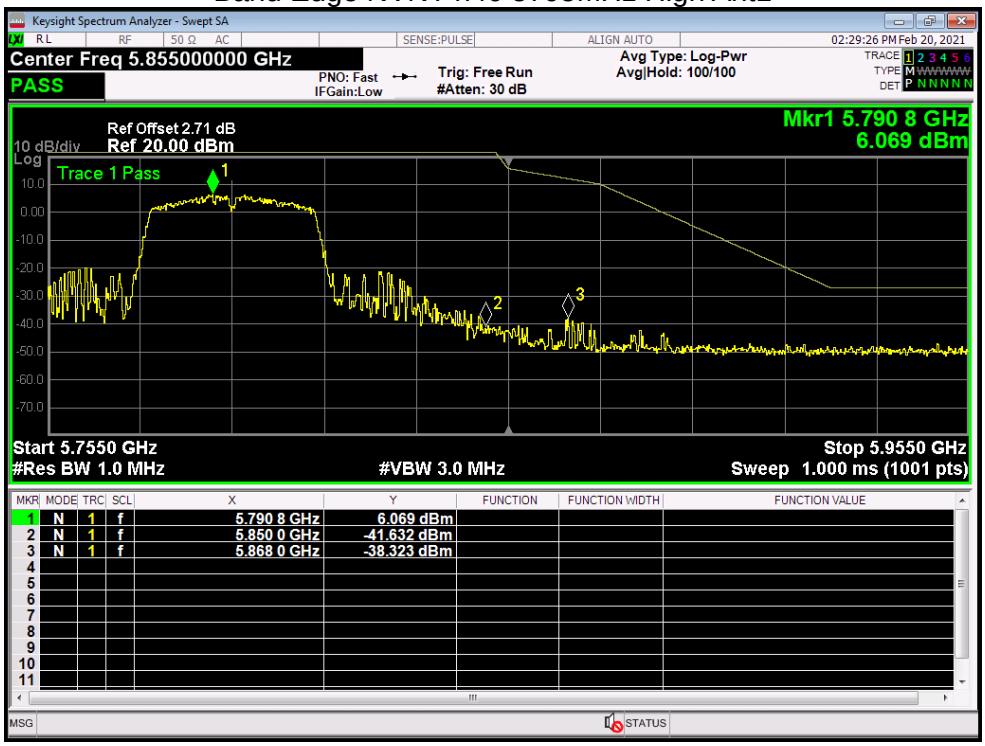
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



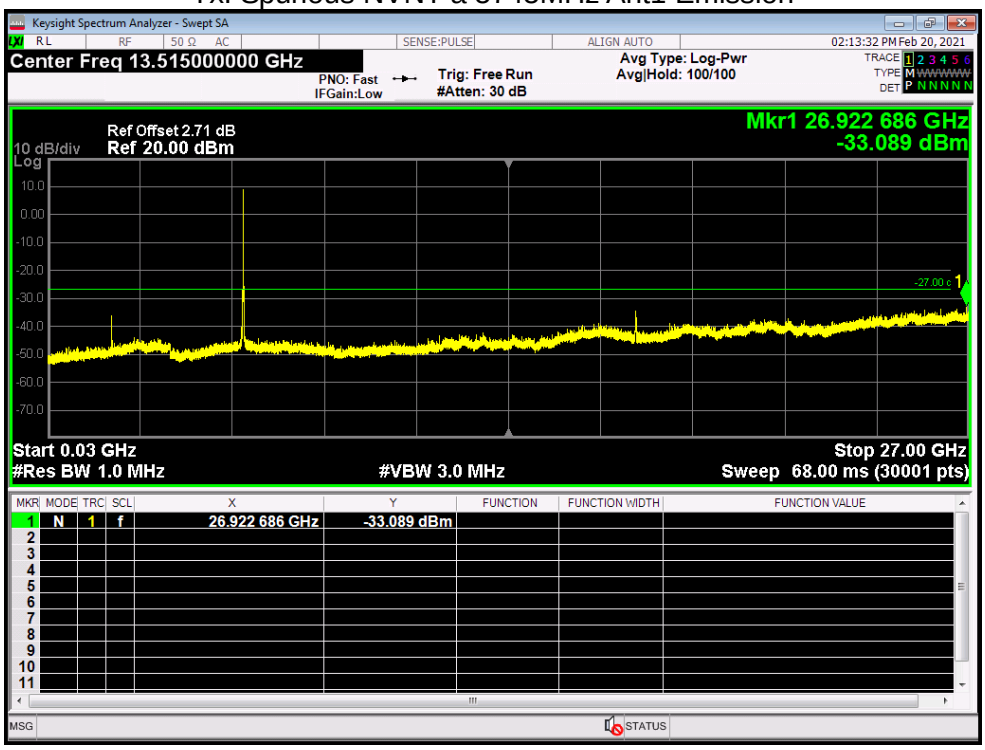
Band Edge NVNT n40 5795MHz High Ant1



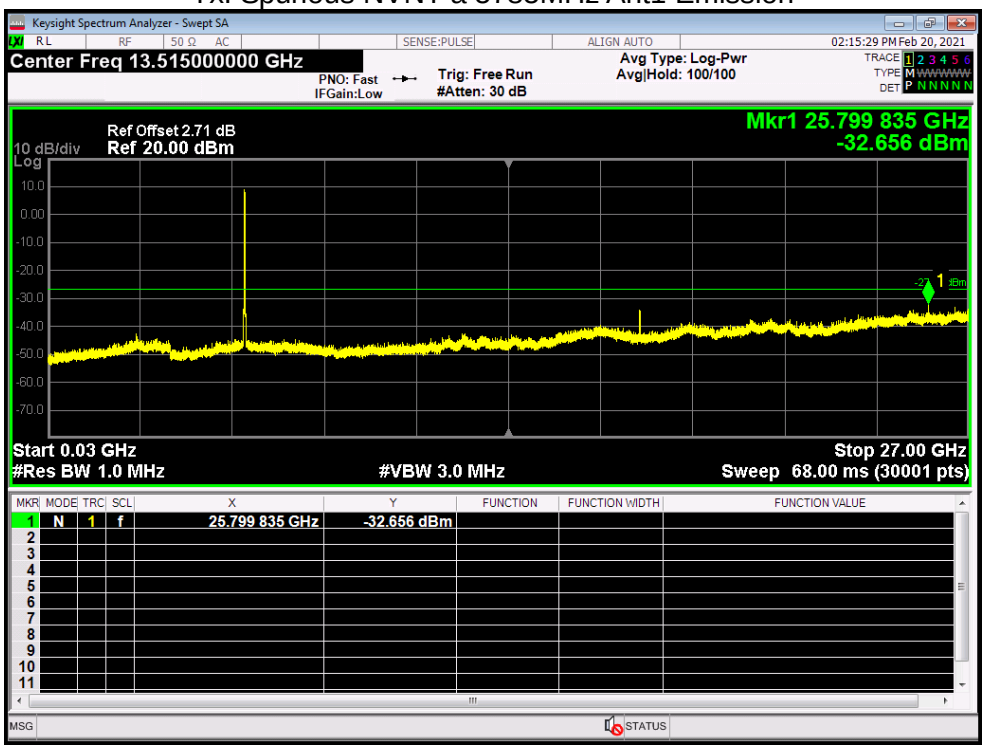
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-33.08	-27	Pass
NVNT	a	5785	Ant1	-32.65	-27	Pass
NVNT	a	5805	Ant1	-31.02	-27	Pass
NVNT	n20	5745	Ant1	-33.5	-27	Pass
NVNT	n20	5785	Ant1	-32.94	-27	Pass
NVNT	n20	5825	Ant1	-31.45	-27	Pass
NVNT	n40	5755	Ant1	-34.29	-27	Pass
NVNT	n40	5795	Ant1	-34.2	-27	Pass

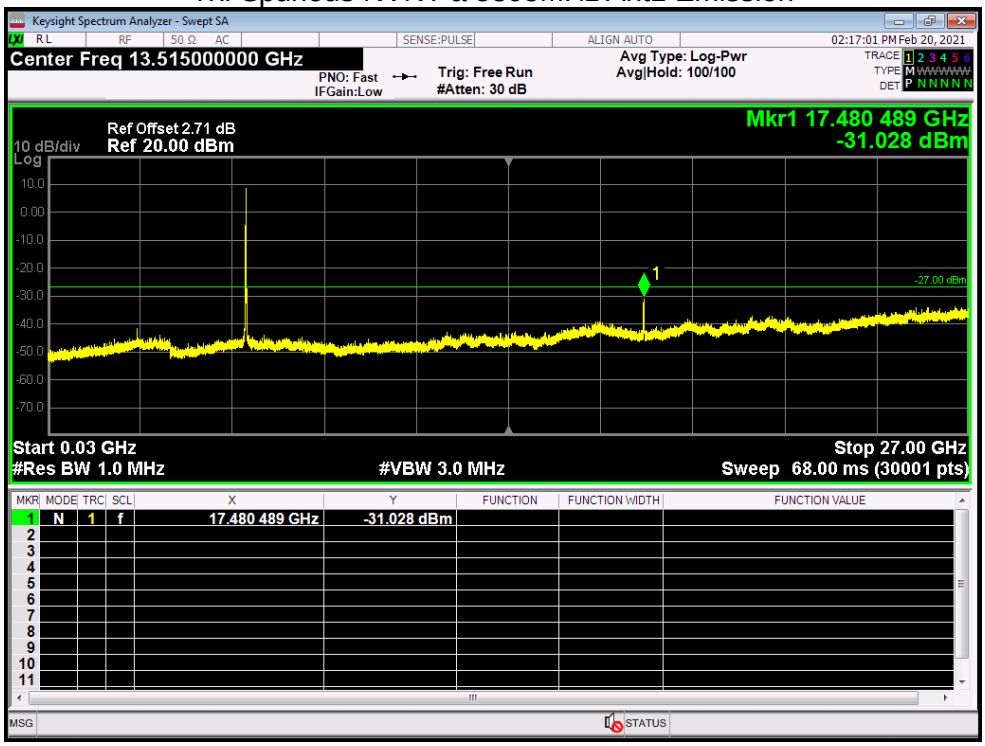
Tx. Spurious NVNT a 5745MHz Ant1 Emission



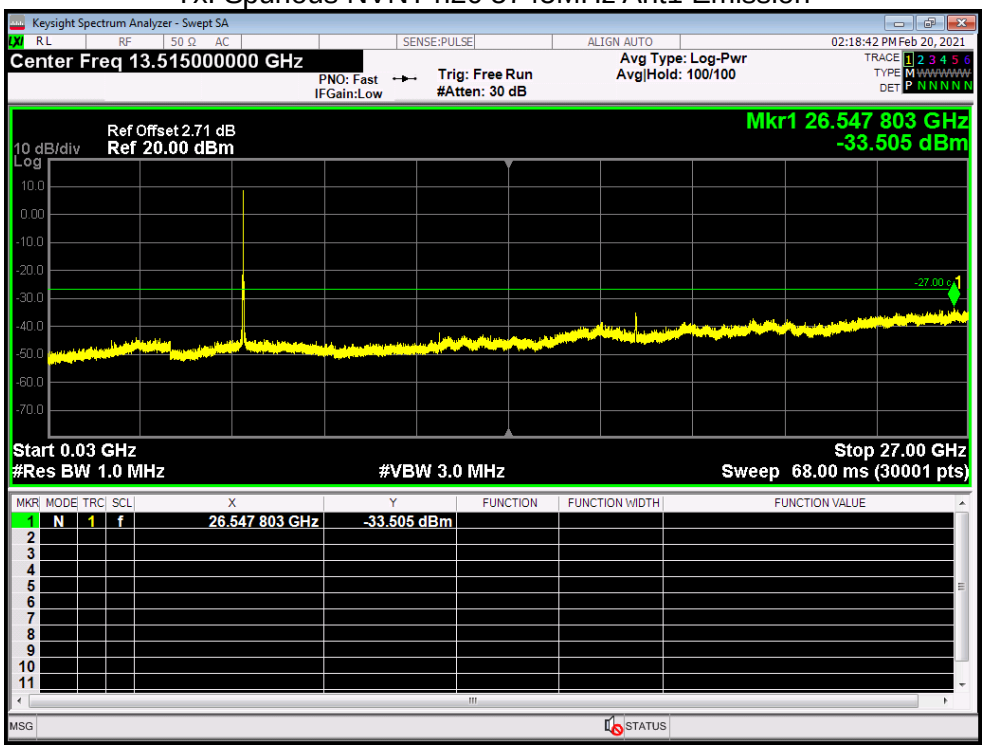
Tx. Spurious NVNT a 5785MHz Ant1 Emission



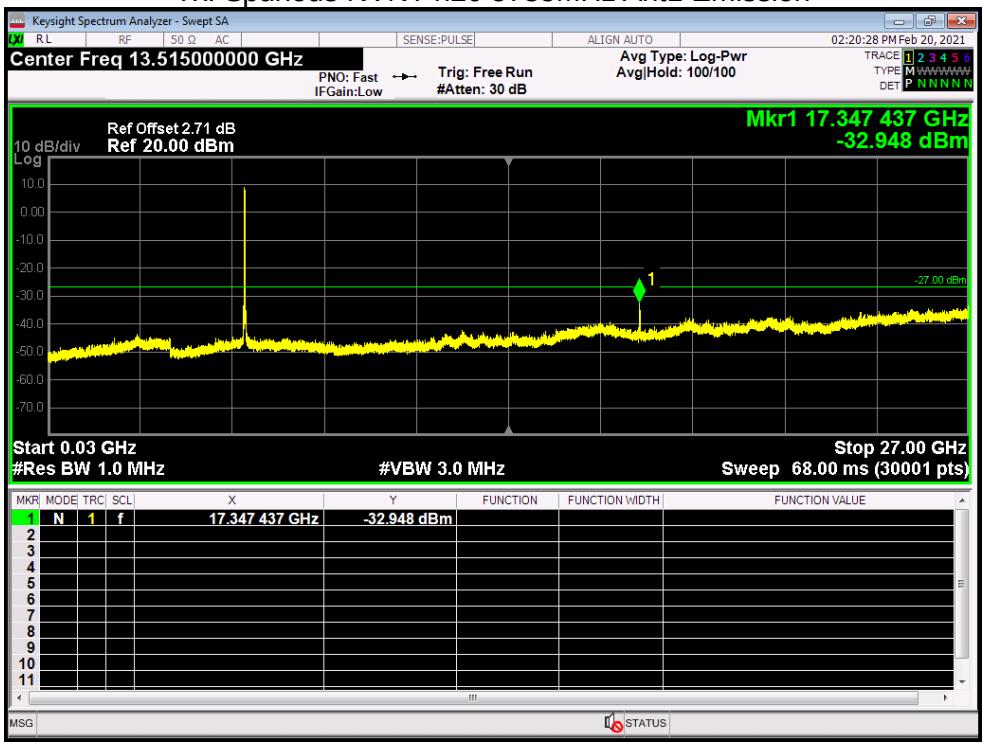
Tx. Spurious NVNT a 5805MHz Ant1 Emission



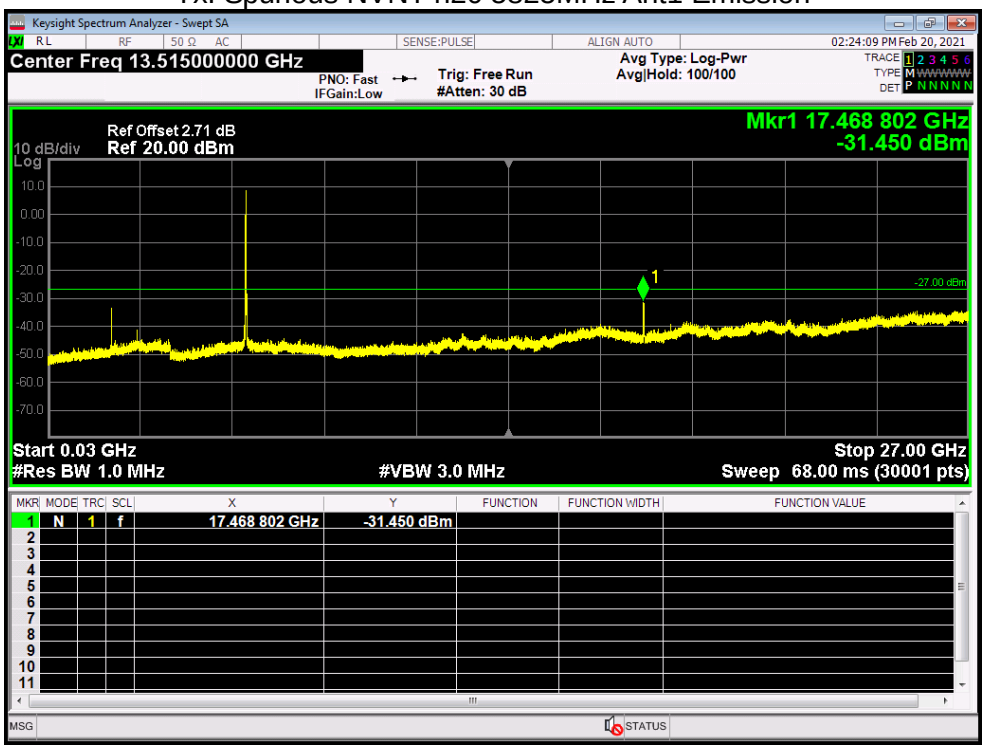
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



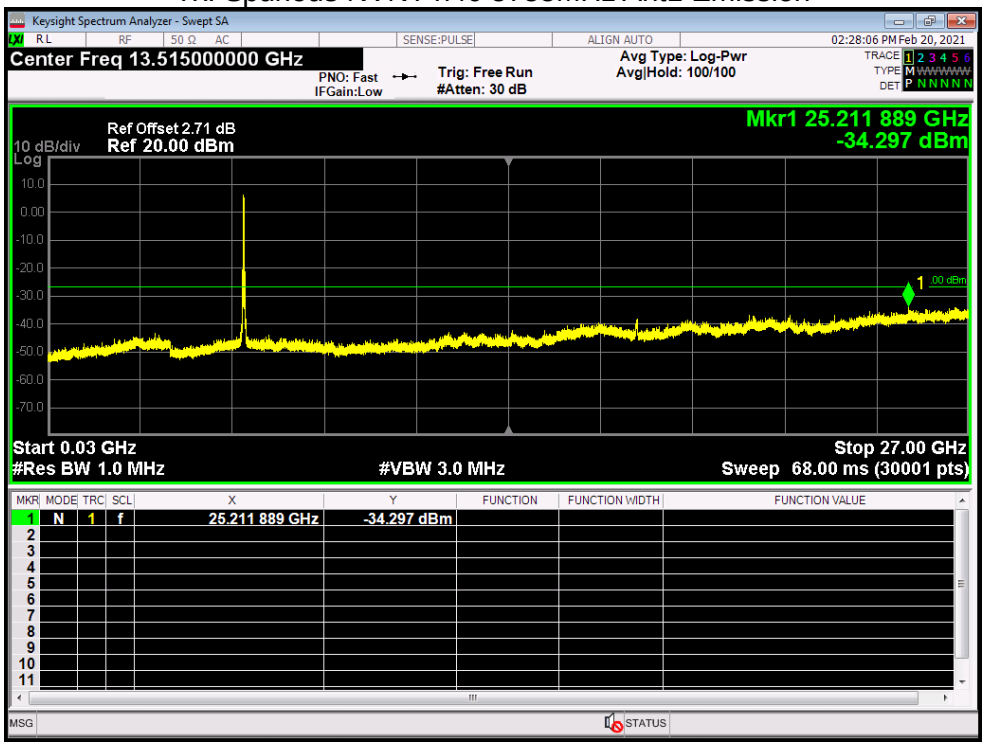
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



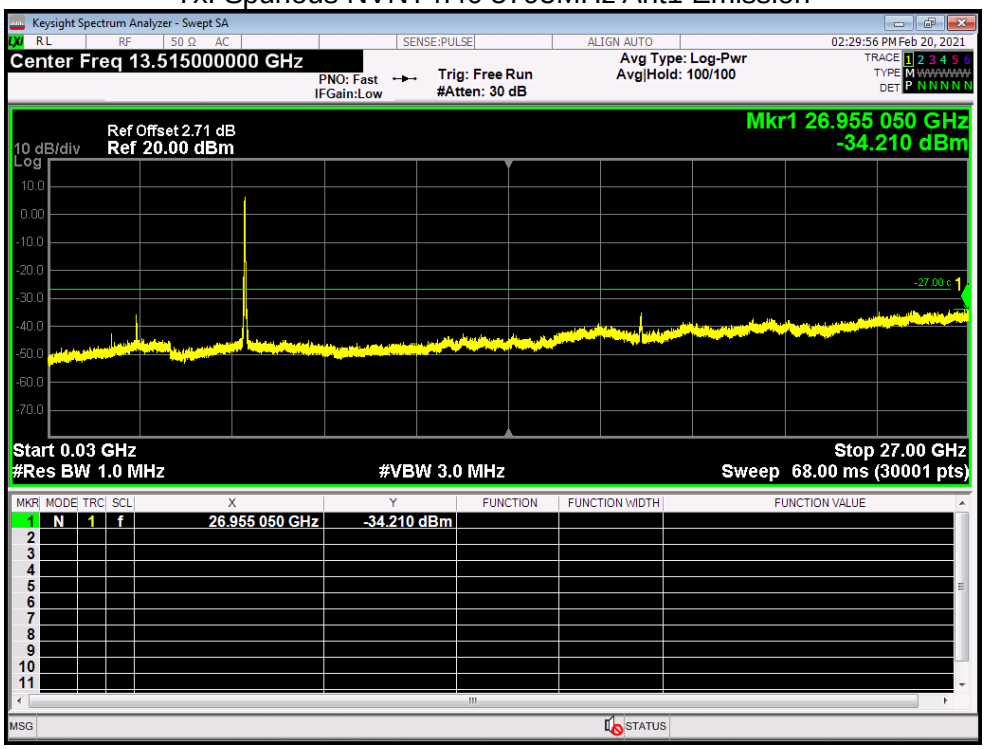
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



END OF REPORT