

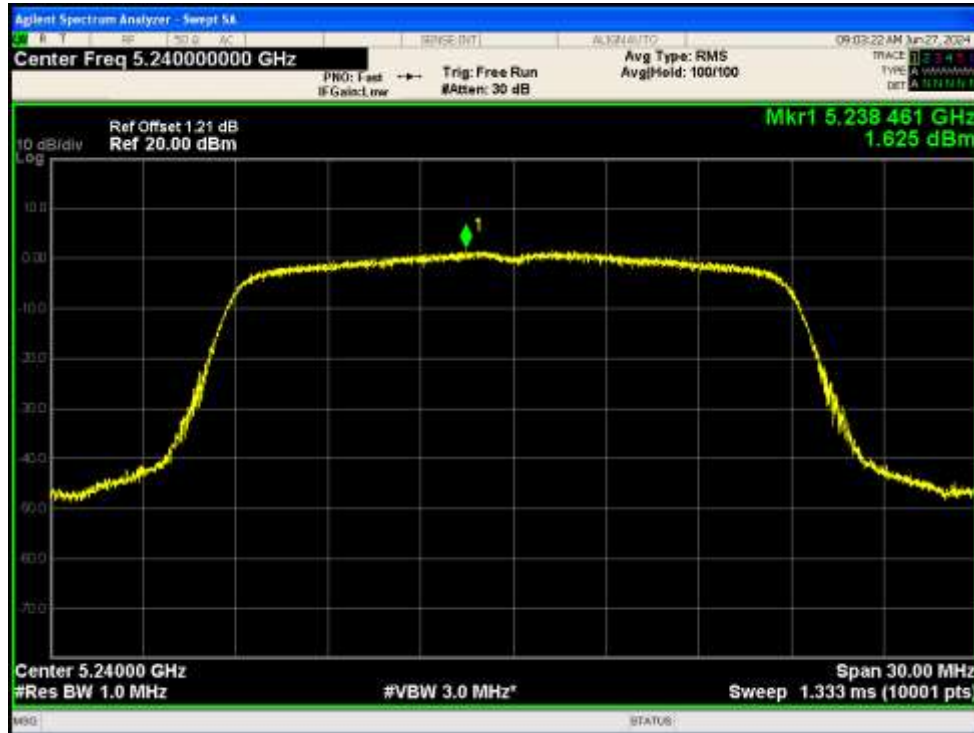
PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac80 5210MHz Ant1



PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1



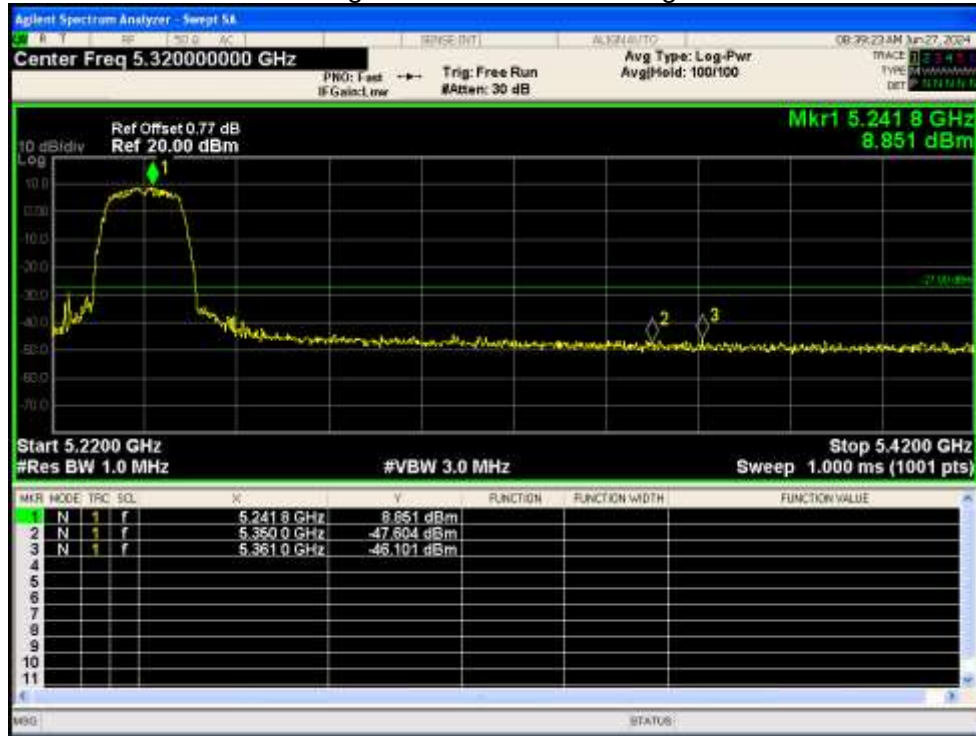
5.1.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-45.35	-27	Pass
NVNT	a	5240	Ant1	-46.1	-27	Pass
NVNT	ac20	5180	Ant1	-45.35	-27	Pass
NVNT	ac20	5240	Ant1	-45.67	-27	Pass
NVNT	ac40	5190	Ant1	-37.83	-27	Pass
NVNT	ac40	5230	Ant1	-46.48	-27	Pass
NVNT	ac80	5210	Ant1	-48.62	-27	Pass
NVNT	ac80	5210	Ant1	-38.23	-27	Pass
NVNT	n20	5180	Ant1	-40.22	-27	Pass
NVNT	n20	5240	Ant1	-45.79	-27	Pass
NVNT	n40	5190	Ant1	-31.01	-27	Pass
NVNT	n40	5230	Ant1	-46.55	-27	Pass

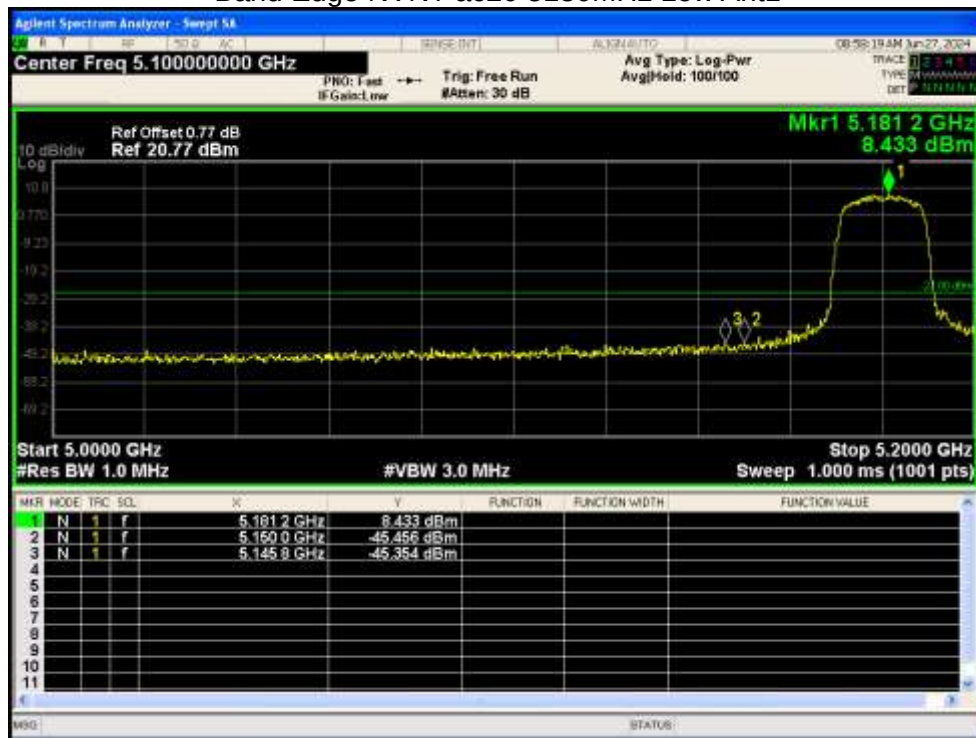
Band Edge NVNT a 5180MHz Low Ant1



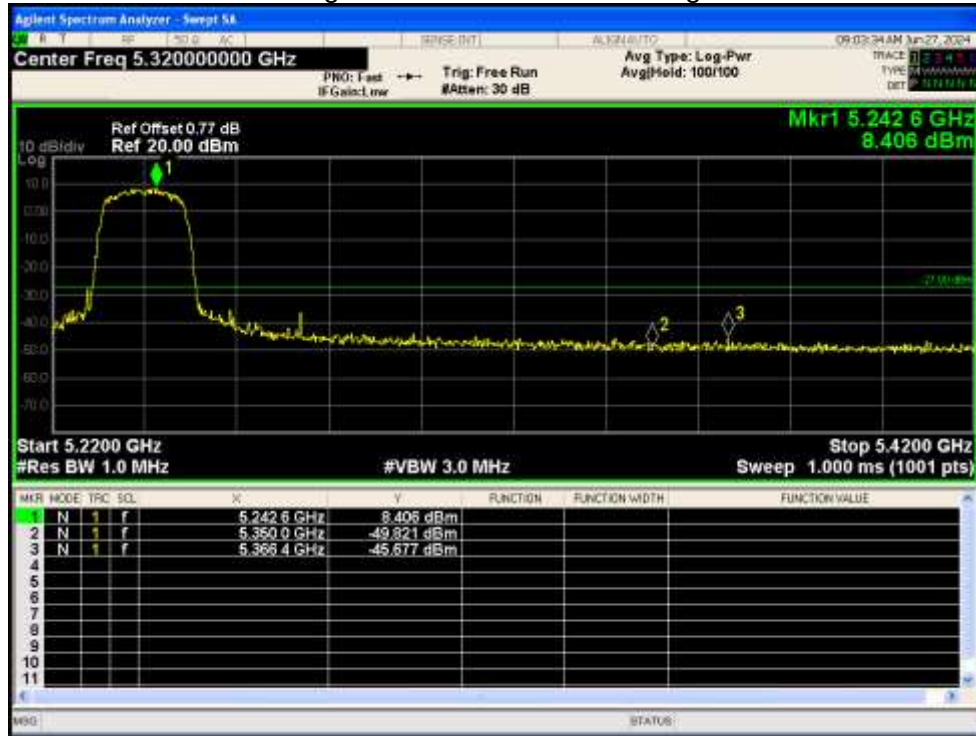
Band Edge NVNT a 5240MHz High Ant1



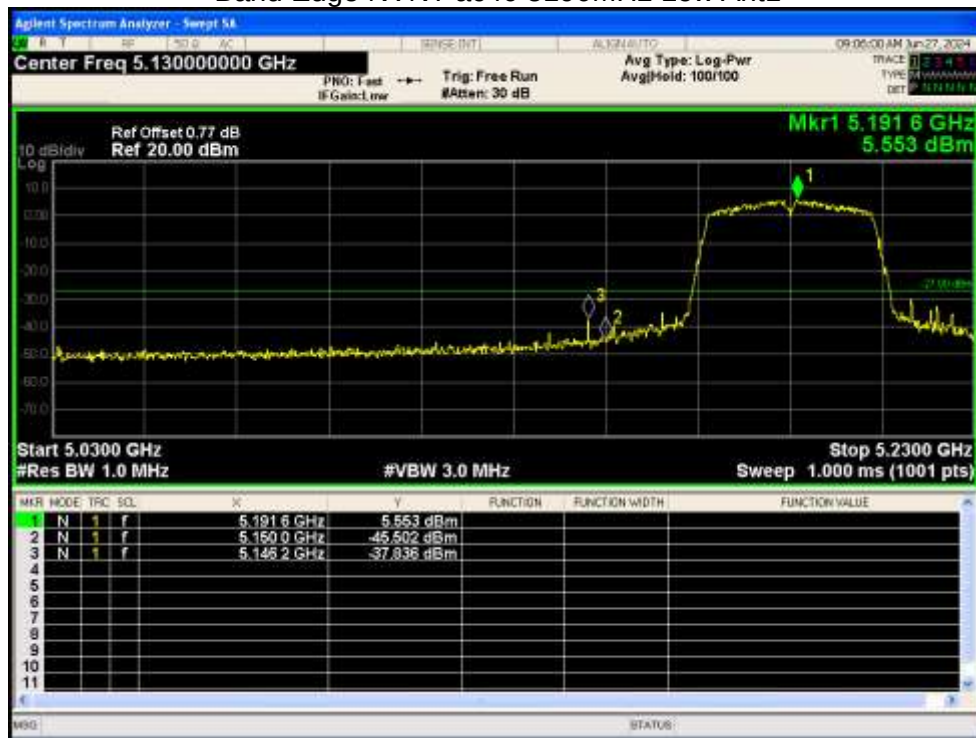
Band Edge NVNT ac20 5180MHz Low Ant1



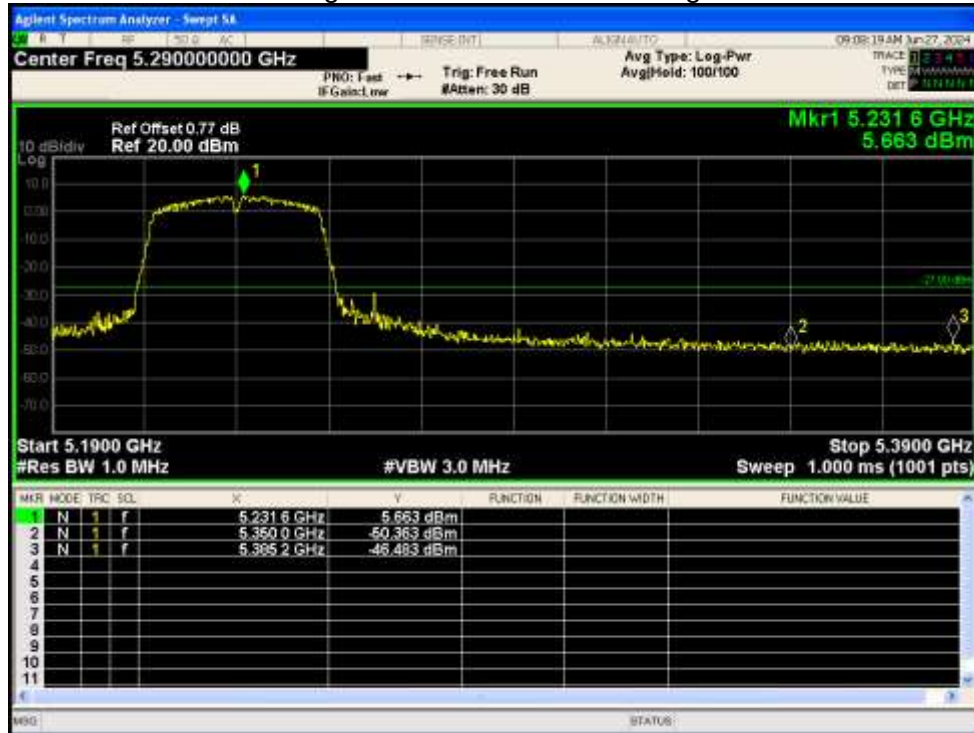
Band Edge NVNT ac20 5240MHz High Ant1



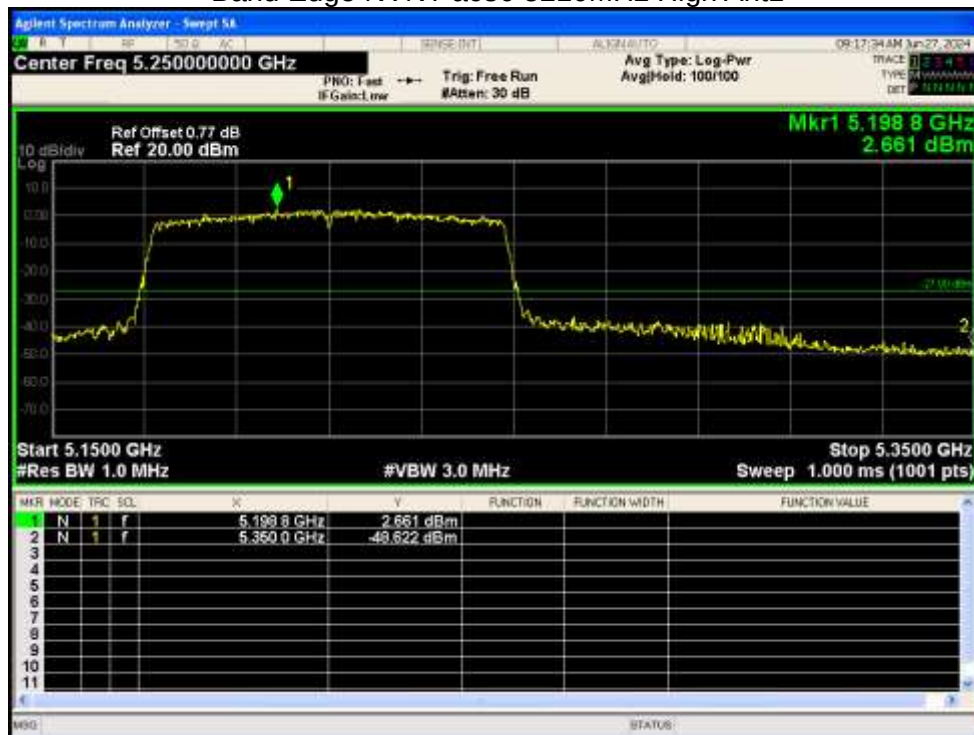
Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1



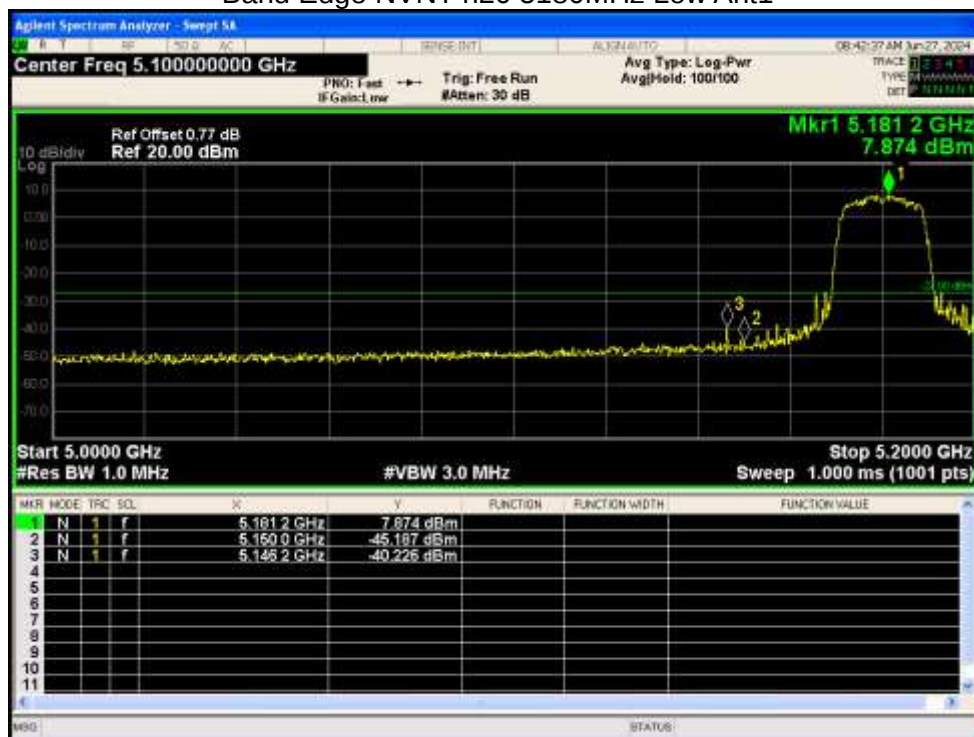
Band Edge NVNT ac80 5210MHz High Ant1



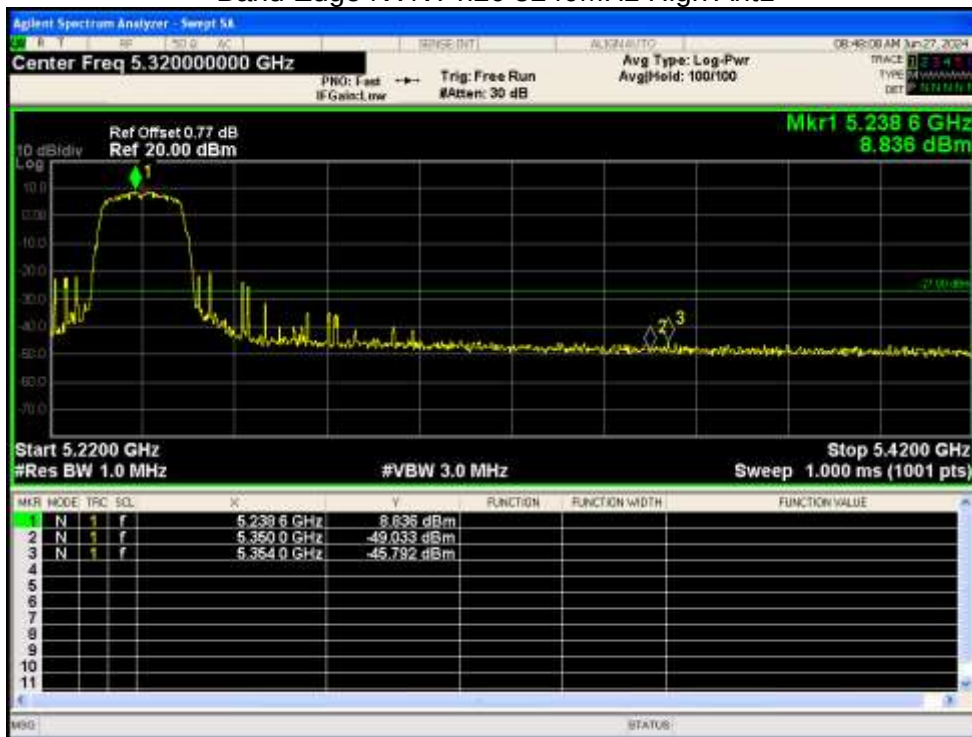
Band Edge NVNT ac80 5210MHz Low Ant1



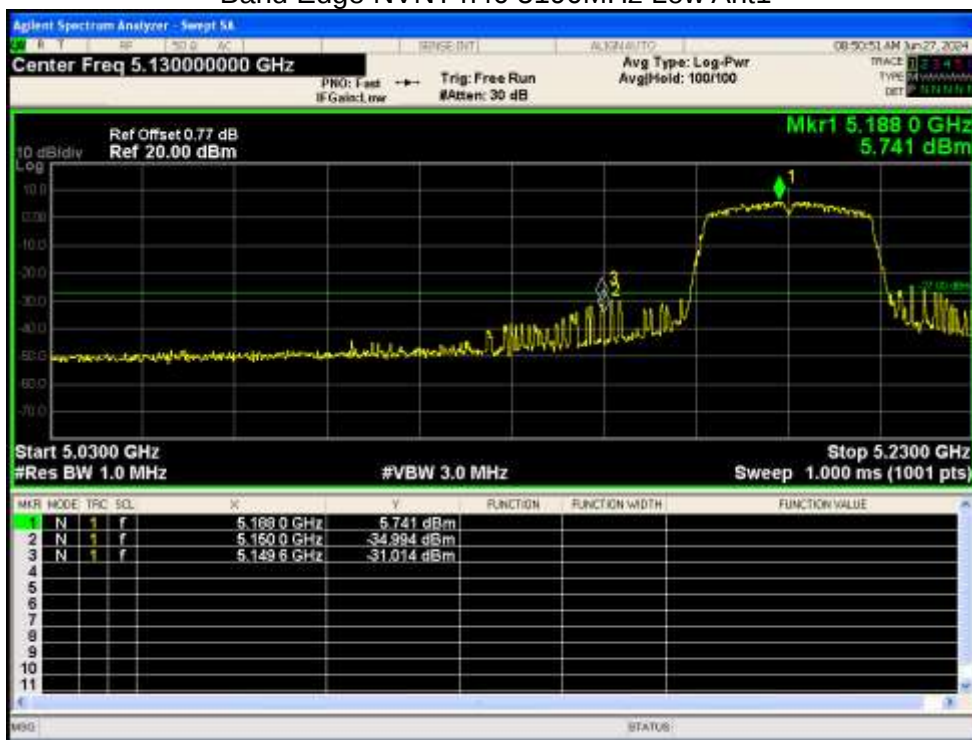
Band Edge NVNT n20 5180MHz Low Ant1



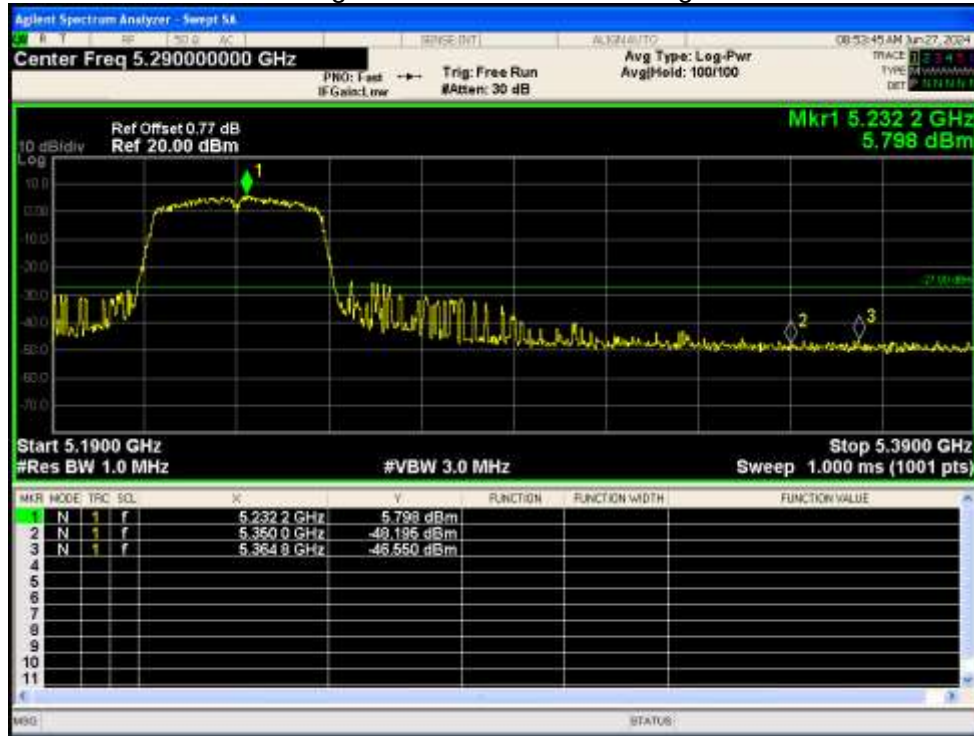
Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



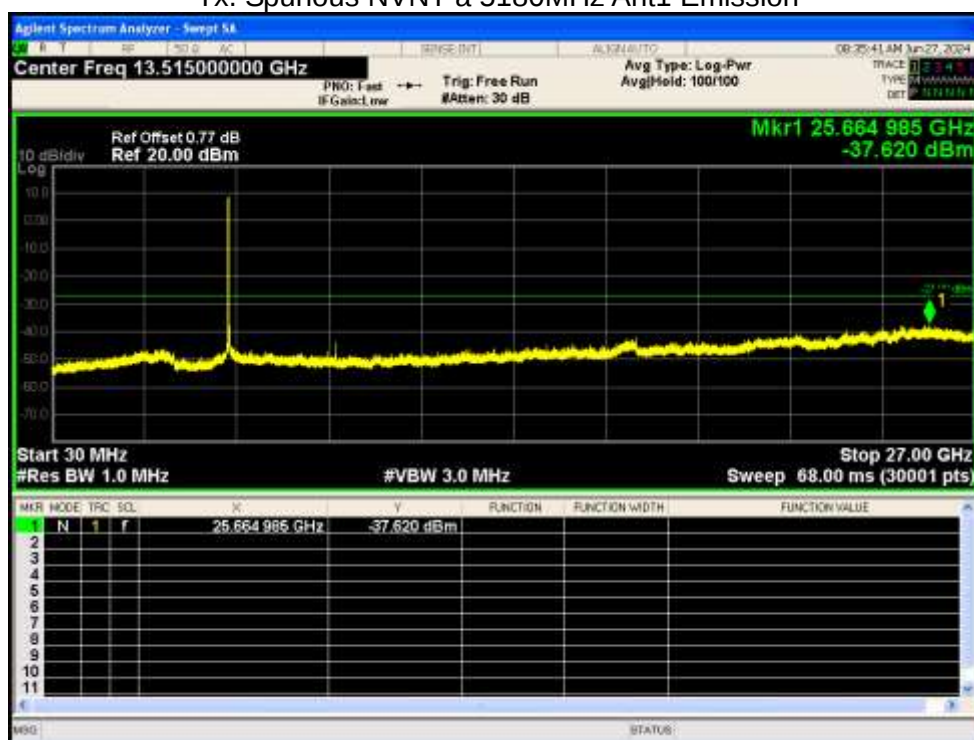
Band Edge NVNT n40 5230MHz High Ant1



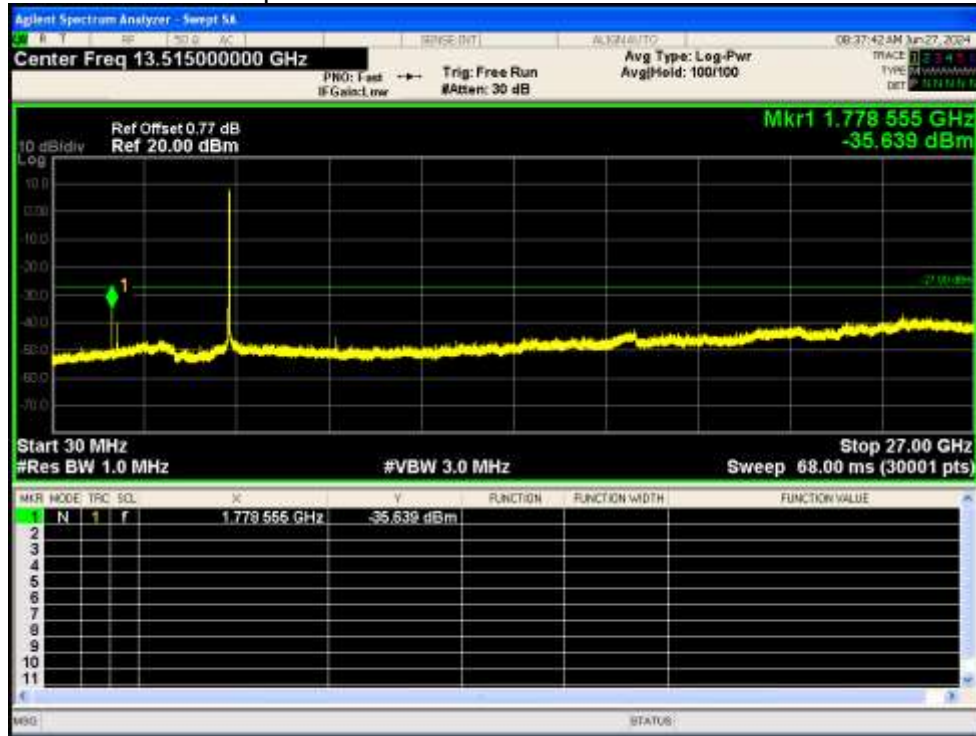
5.1.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-37.61	-27	Pass
NVNT	a	5200	Ant1	-35.63	-27	Pass
NVNT	a	5240	Ant1	-37.67	-27	Pass
NVNT	ac20	5180	Ant1	-37.72	-27	Pass
NVNT	ac20	5200	Ant1	-37.61	-27	Pass
NVNT	ac20	5240	Ant1	-37.41	-27	Pass
NVNT	ac40	5190	Ant1	-44.62	-27	Pass
NVNT	ac40	5230	Ant1	-48.05	-27	Pass
NVNT	ac80	5210	Ant1	-47.17	-27	Pass
NVNT	n20	5180	Ant1	-37.16	-27	Pass
NVNT	n20	5200	Ant1	-37.64	-27	Pass
NVNT	n20	5240	Ant1	-37.58	-27	Pass
NVNT	n40	5190	Ant1	-37.65	-27	Pass
NVNT	n40	5230	Ant1	-37.76	-27	Pass

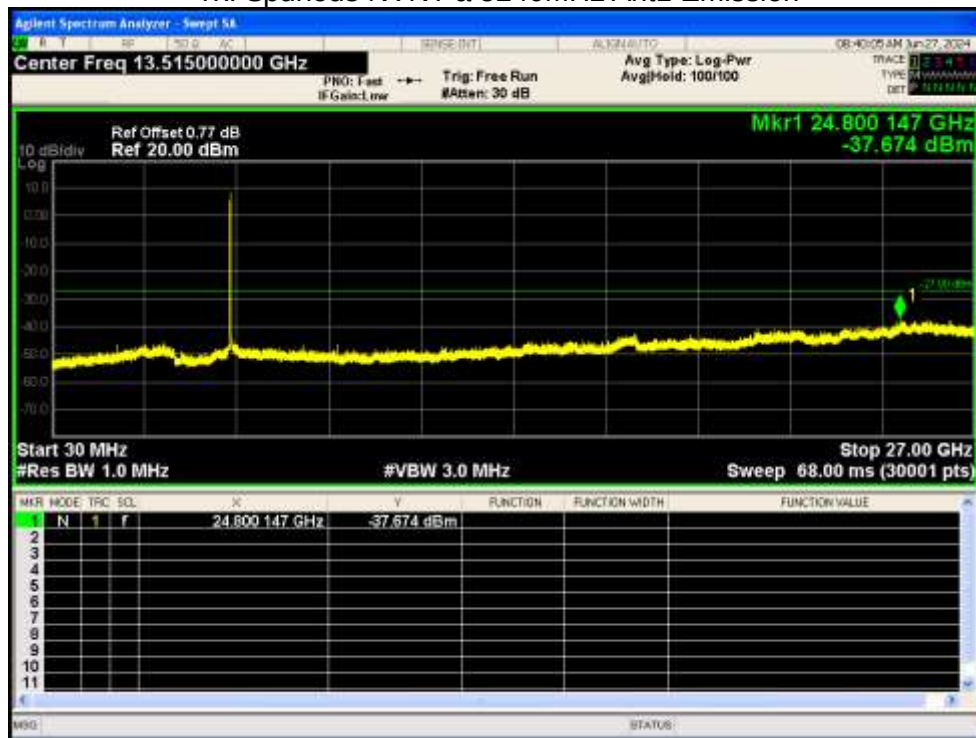
Tx. Spurious NVNT a 5180MHz Ant1 Emission



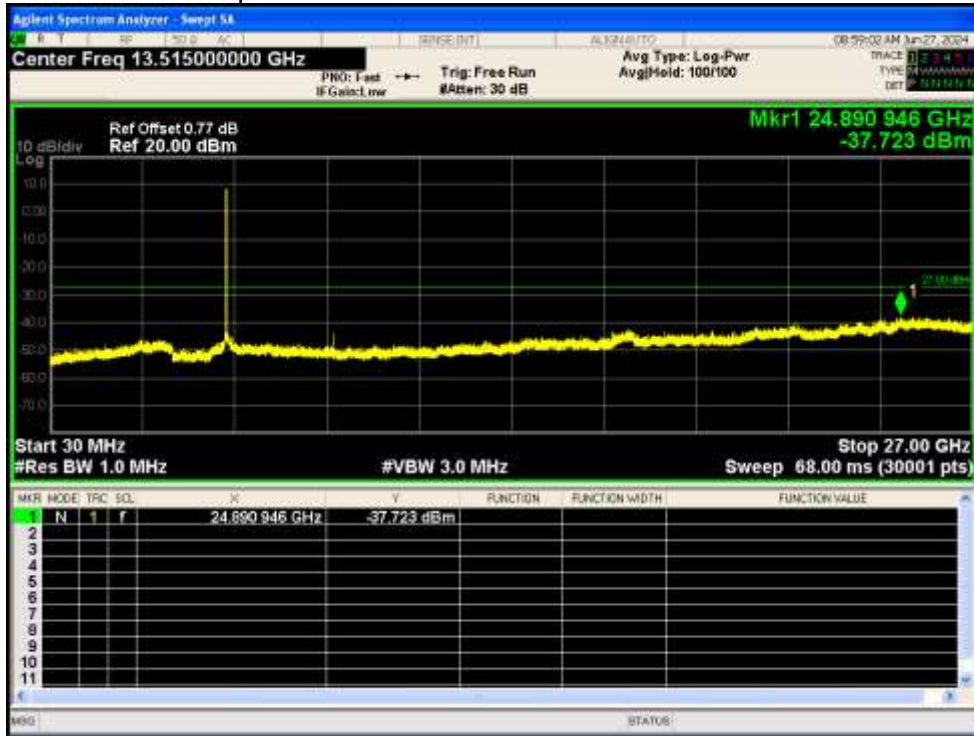
Tx. Spurious NVNT a 5200MHz Ant1 Emission



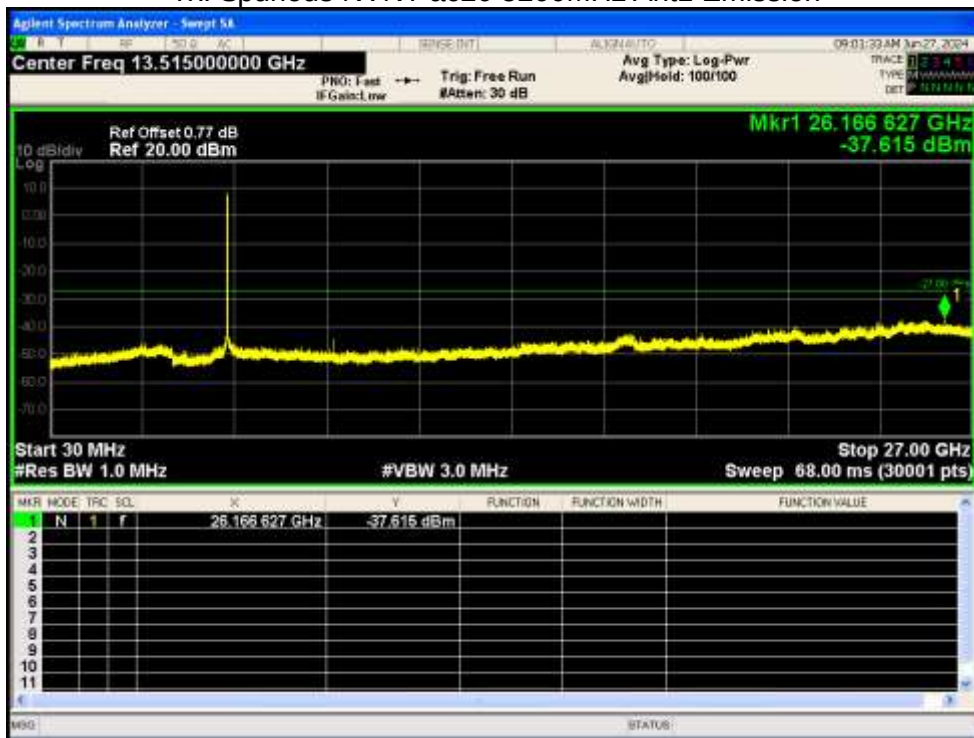
Tx. Spurious NVNT a 5240MHz Ant1 Emission



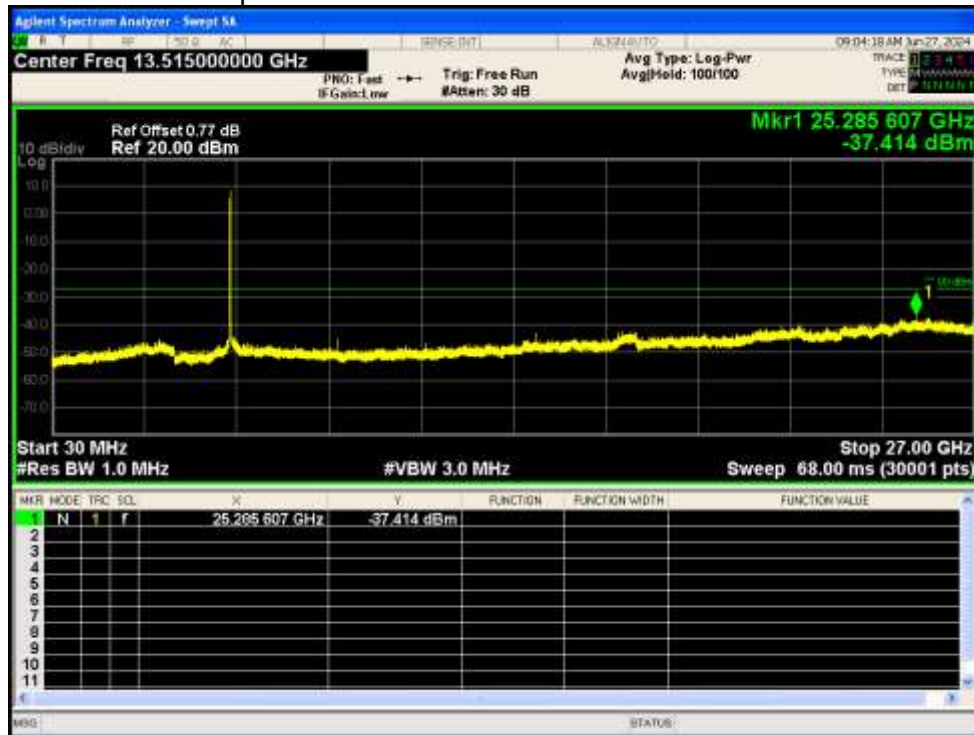
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



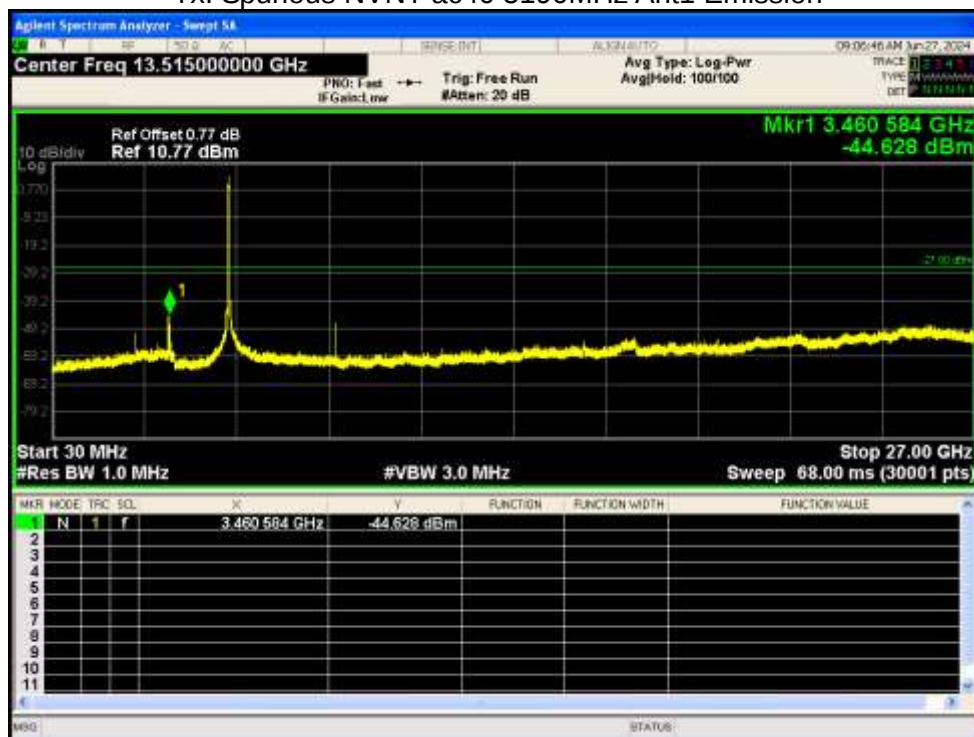
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



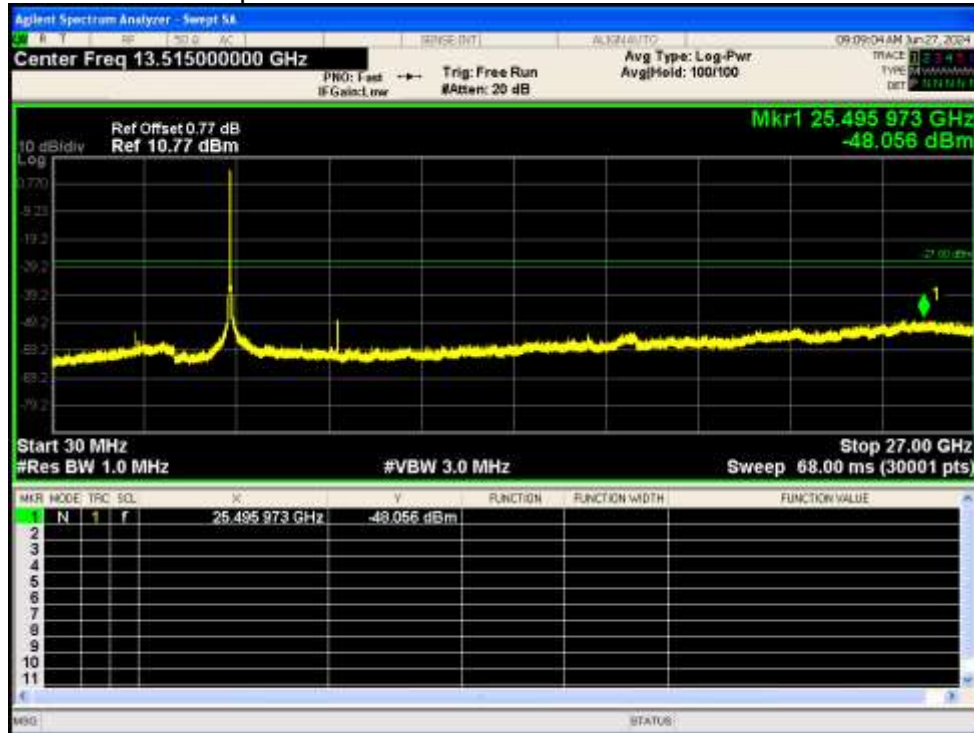
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



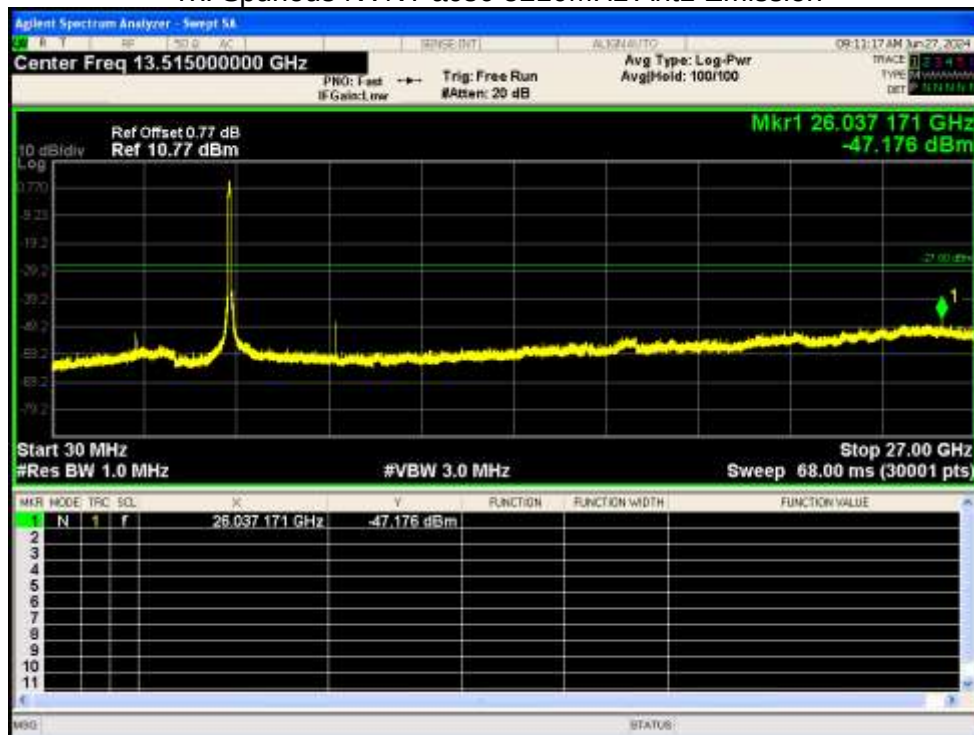
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



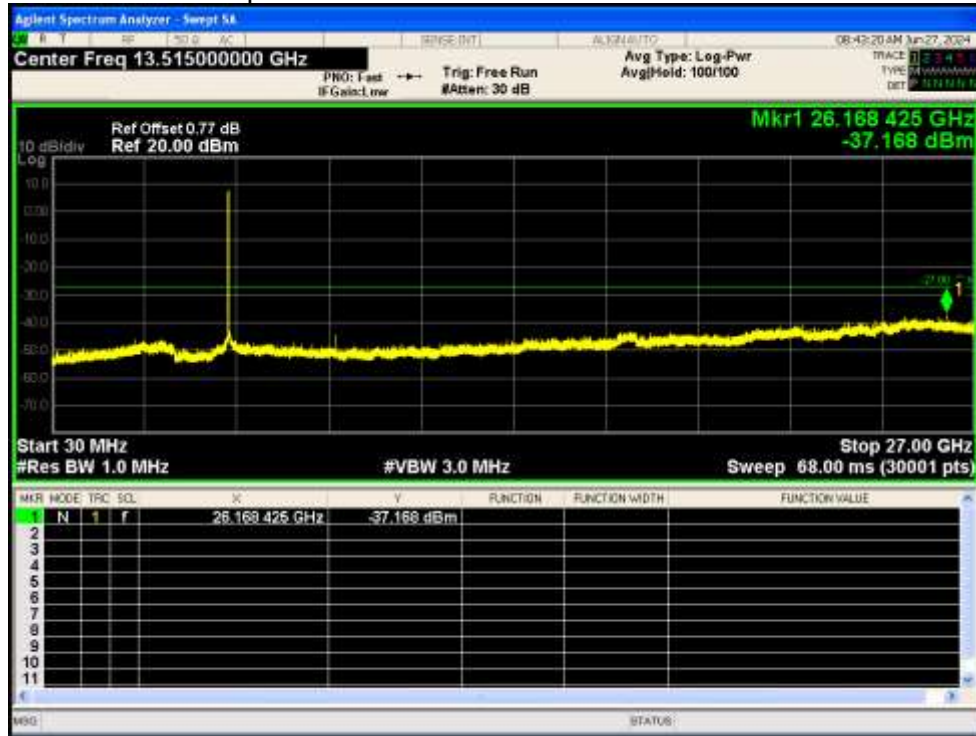
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



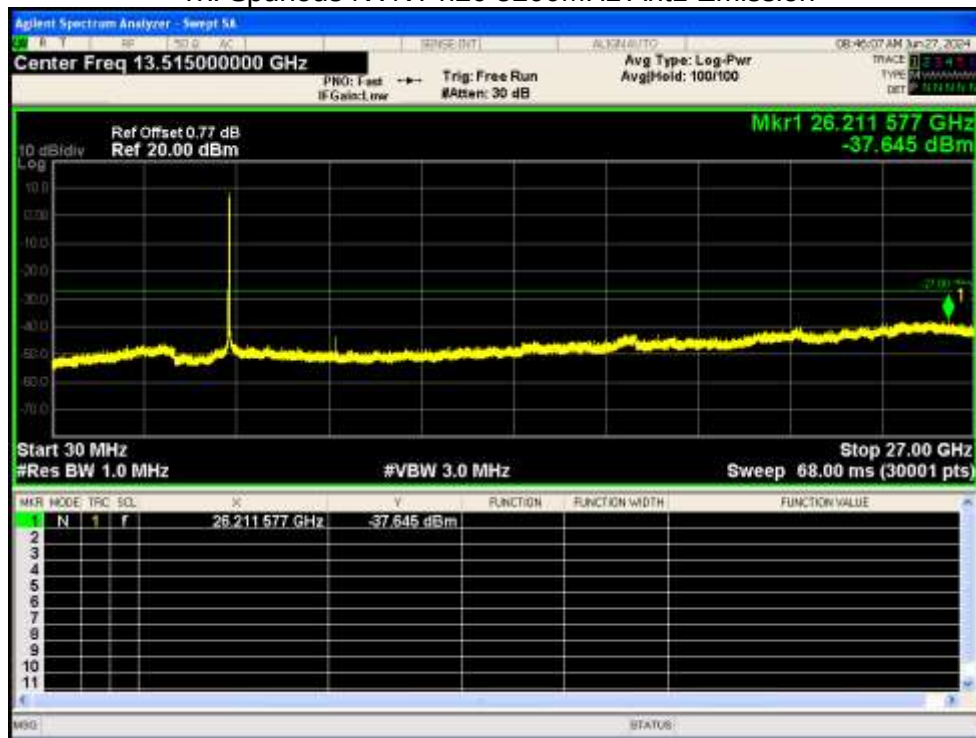
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



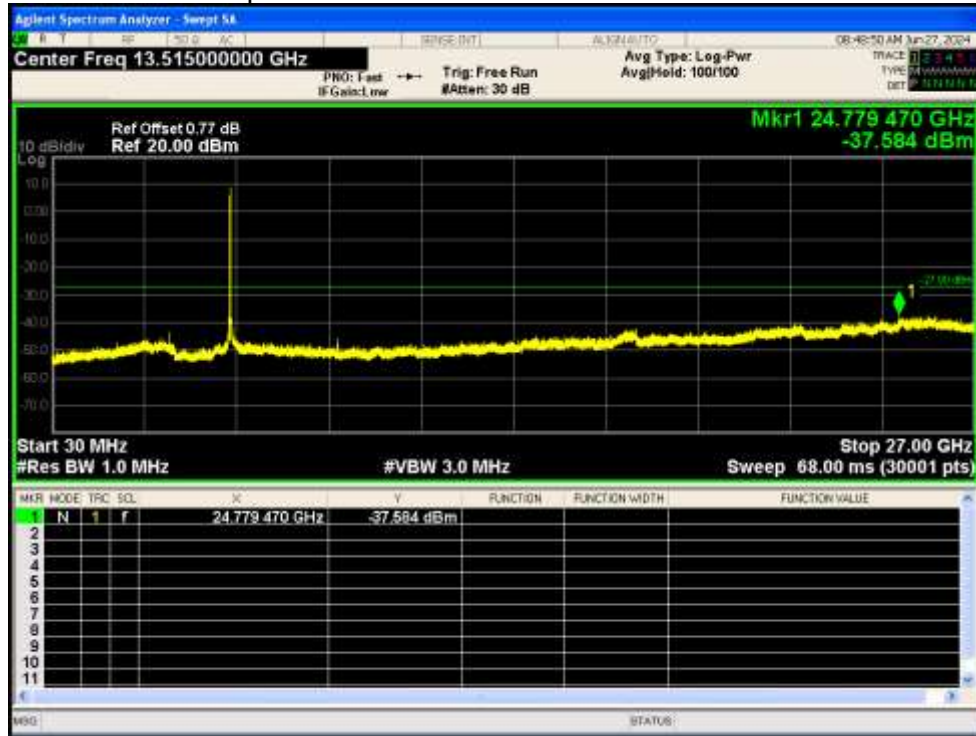
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



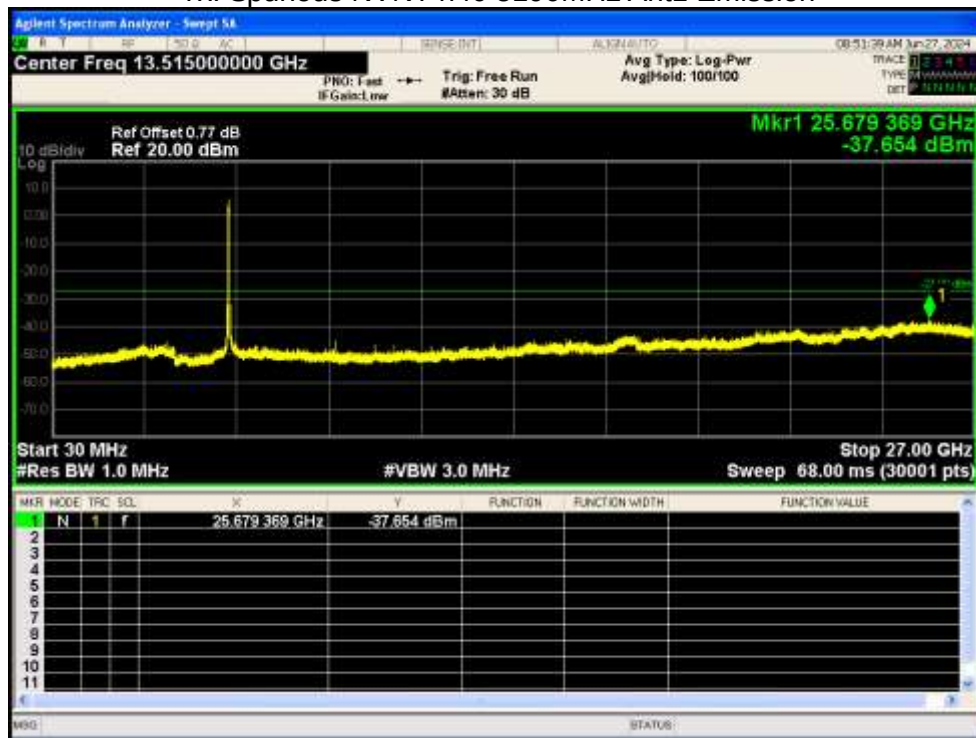
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



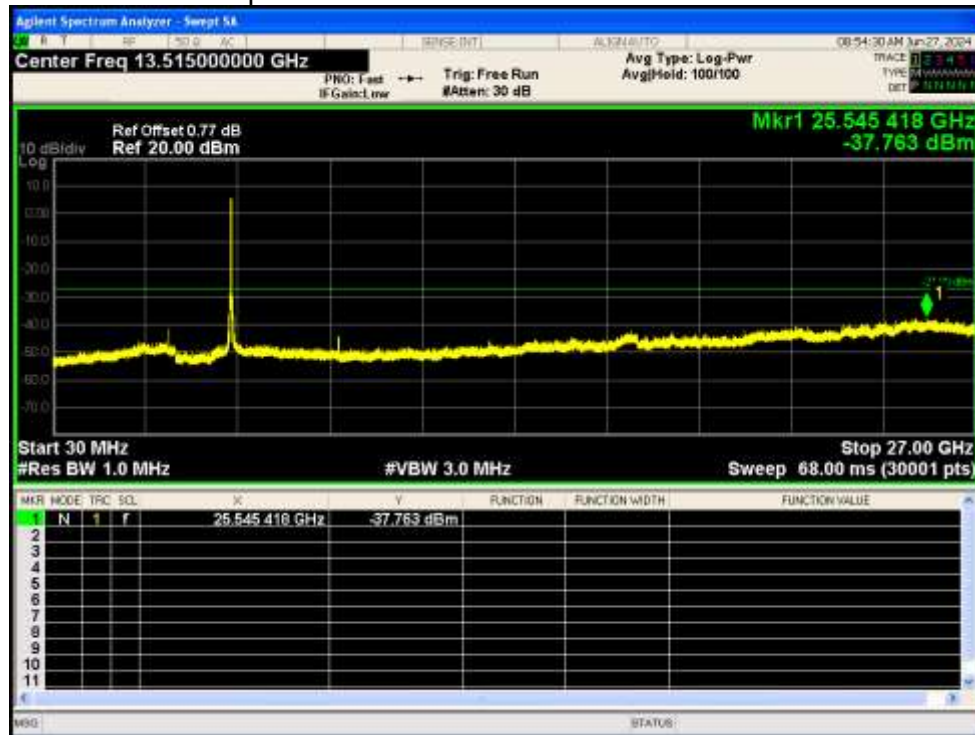
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission

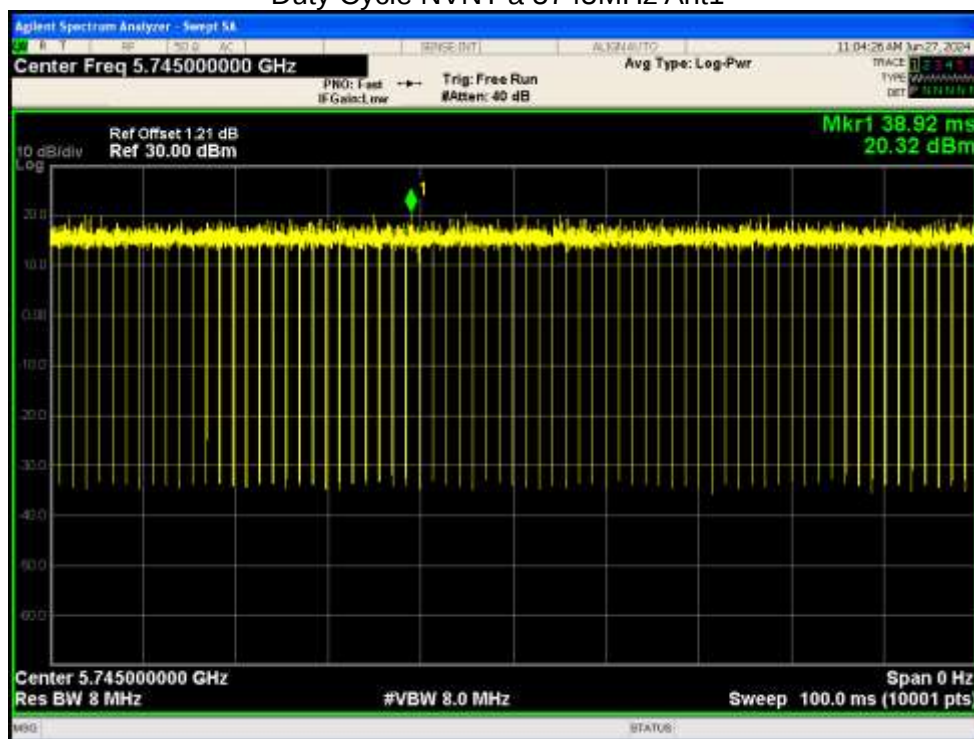


5.8G WIFI

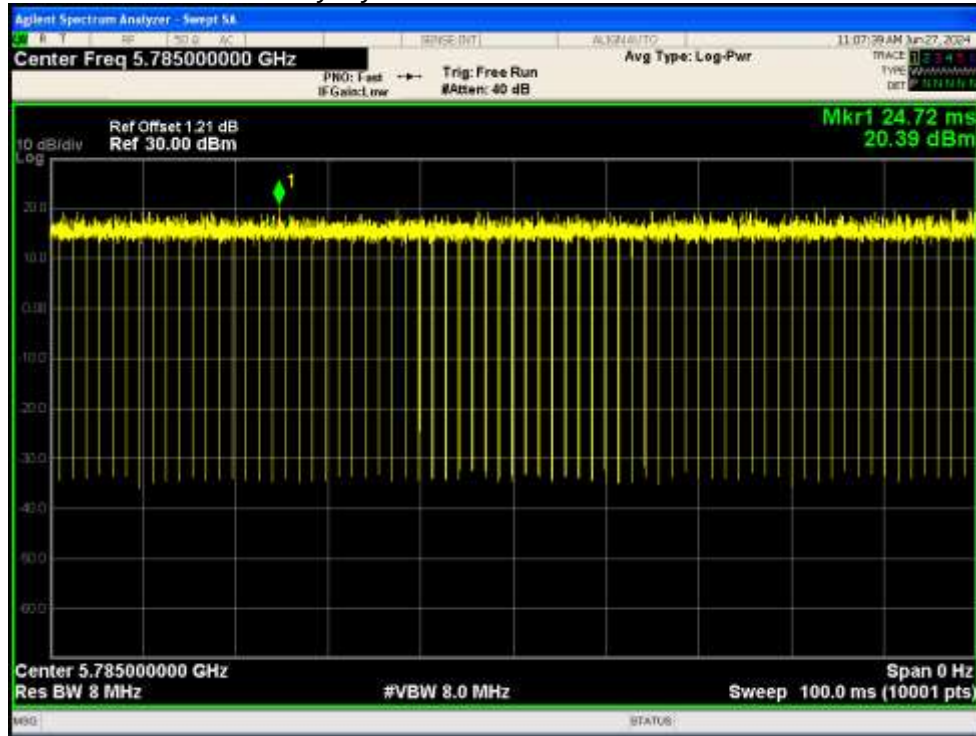
5.2.1 DUTY CYCLE

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	97.63	0.1
NVNT	a	5785	Ant1	97.62	0.1
NVNT	a	5825	Ant1	97.62	0.1
NVNT	ac20	5745	Ant1	97.45	0.11
NVNT	ac20	5785	Ant1	97.42	0.11
NVNT	ac20	5825	Ant1	97.49	0.11
NVNT	ac40	5755	Ant1	95.09	0.22
NVNT	ac40	5795	Ant1	95.13	0.22
NVNT	ac80	5775	Ant1	82.02	0.86
NVNT	n20	5745	Ant1	97.44	0.11
NVNT	n20	5785	Ant1	97.45	0.11
NVNT	n20	5825	Ant1	97.45	0.11
NVNT	n40	5755	Ant1	95.07	0.22
NVNT	n40	5795	Ant1	95.09	0.22

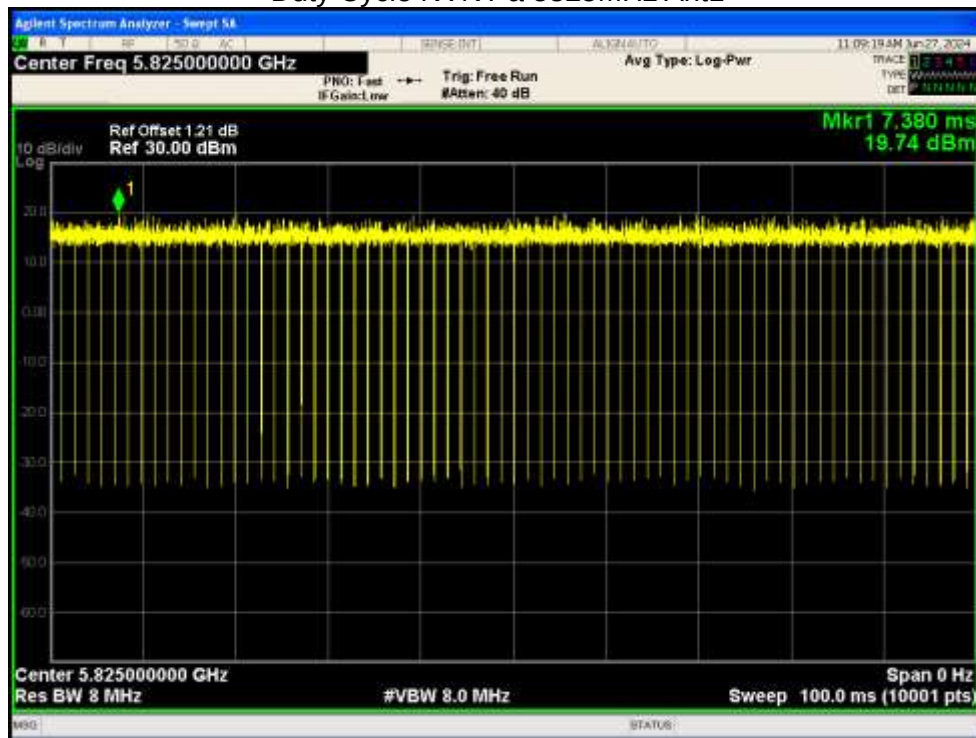
Duty Cycle NVNT a 5745MHz Ant1



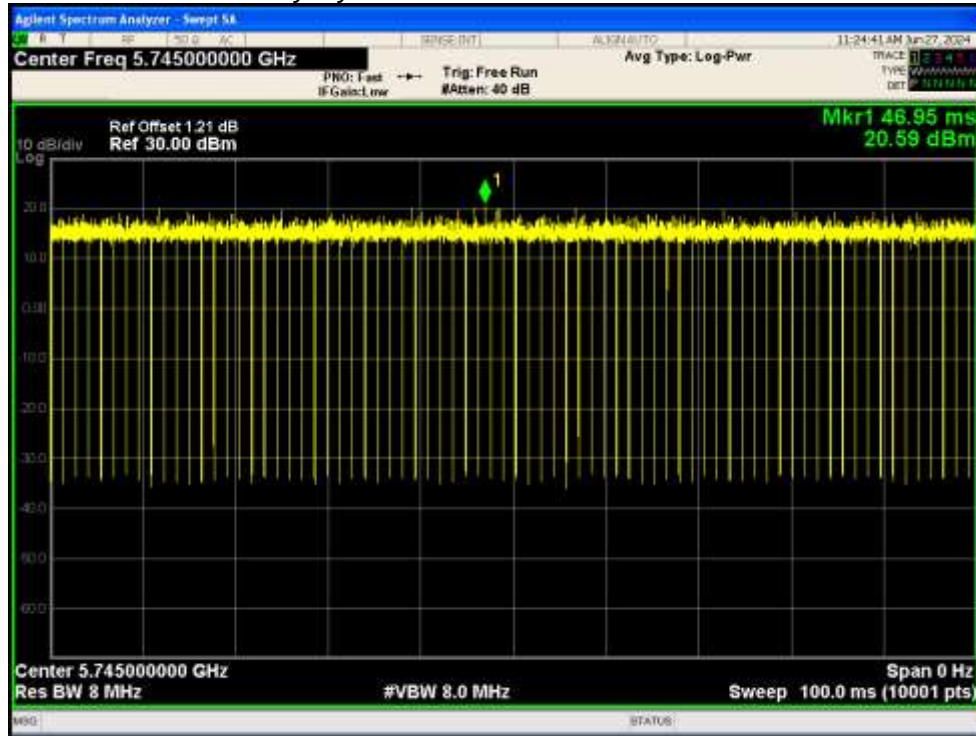
Duty Cycle NVNT a 5785MHz Ant1



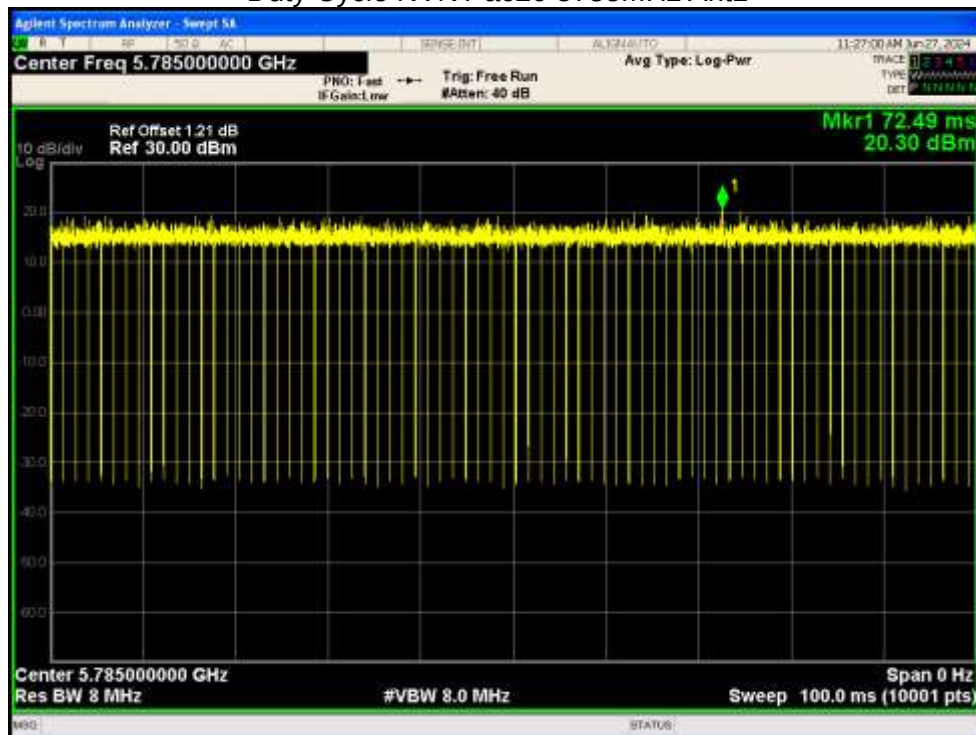
Duty Cycle NVNT a 5825MHz Ant1



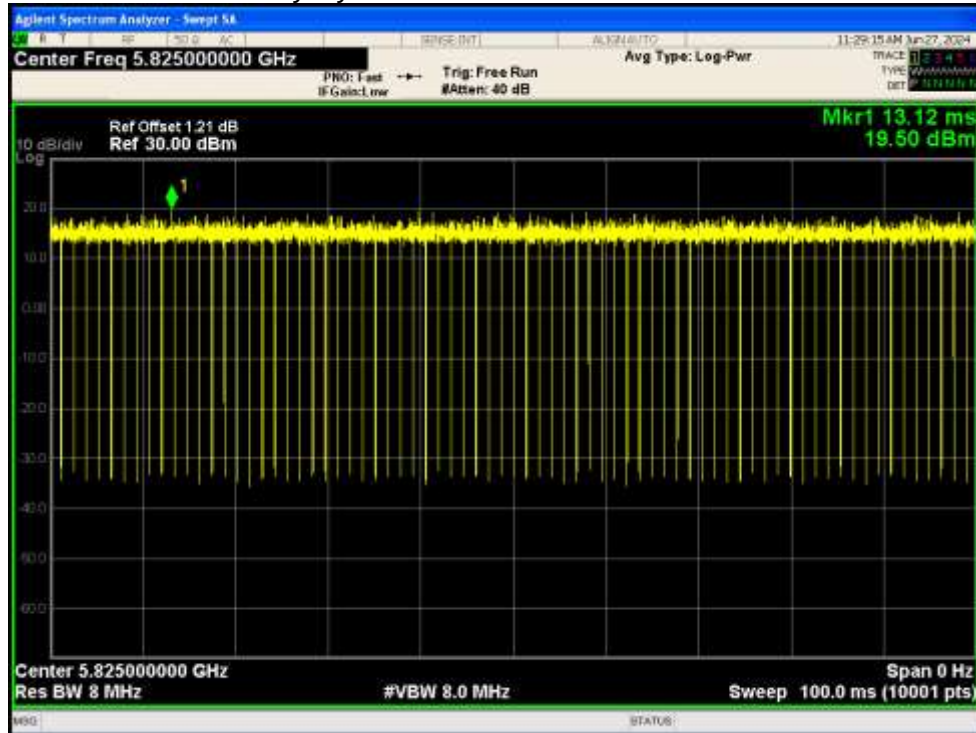
Duty Cycle NVNT ac20 5745MHz Ant1



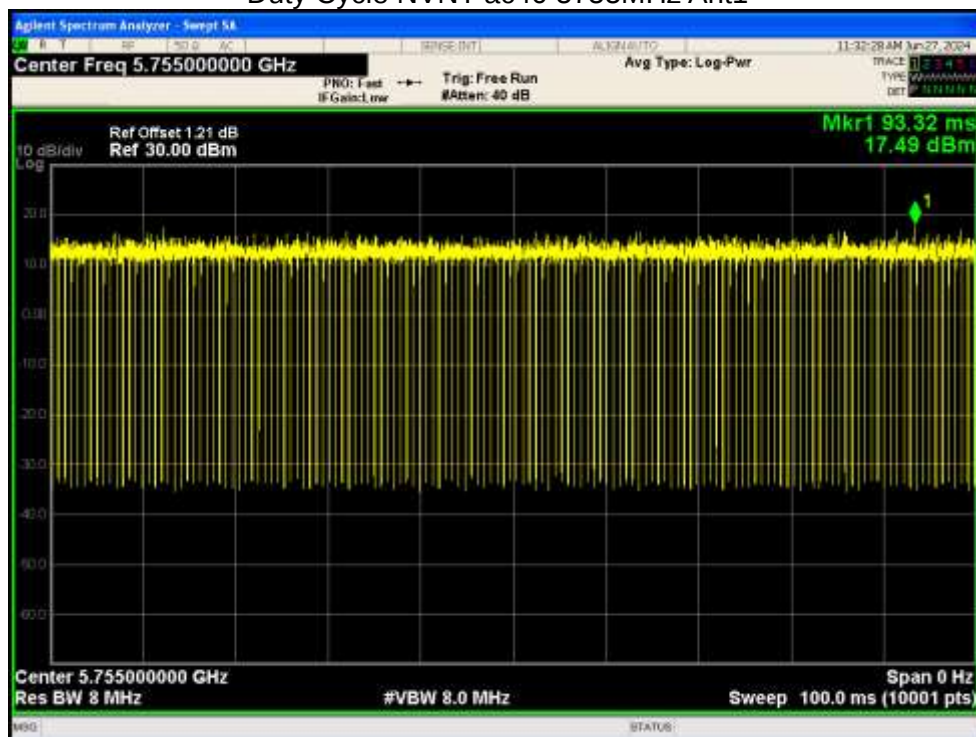
Duty Cycle NVNT ac20 5785MHz Ant1



Duty Cycle NVNT ac20 5825MHz Ant1



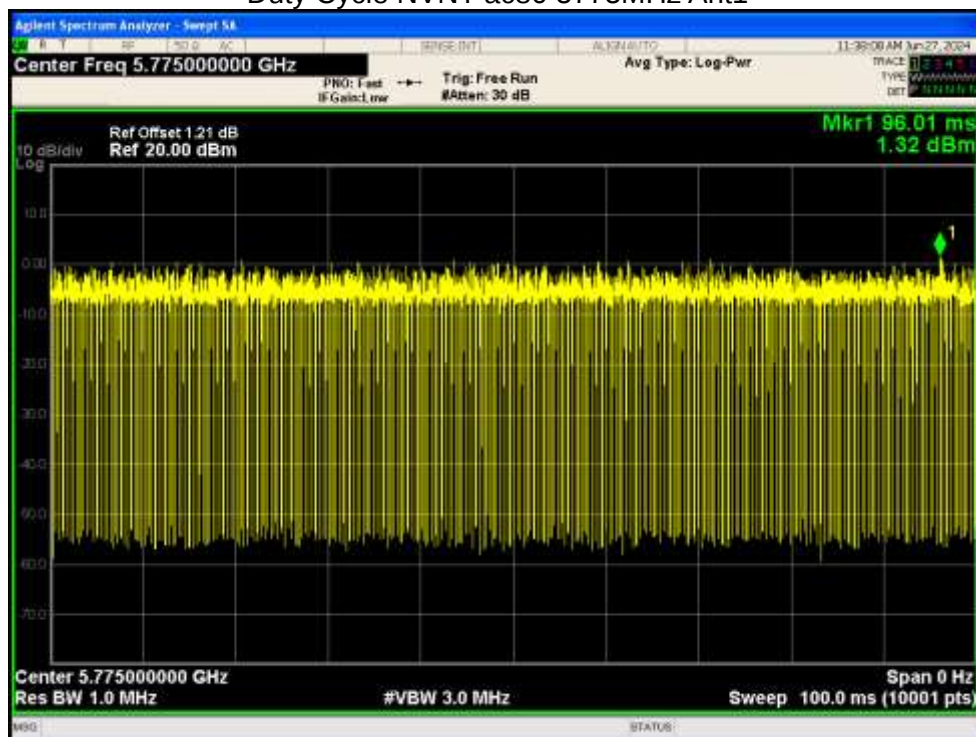
Duty Cycle NVNT ac40 5755MHz Ant1



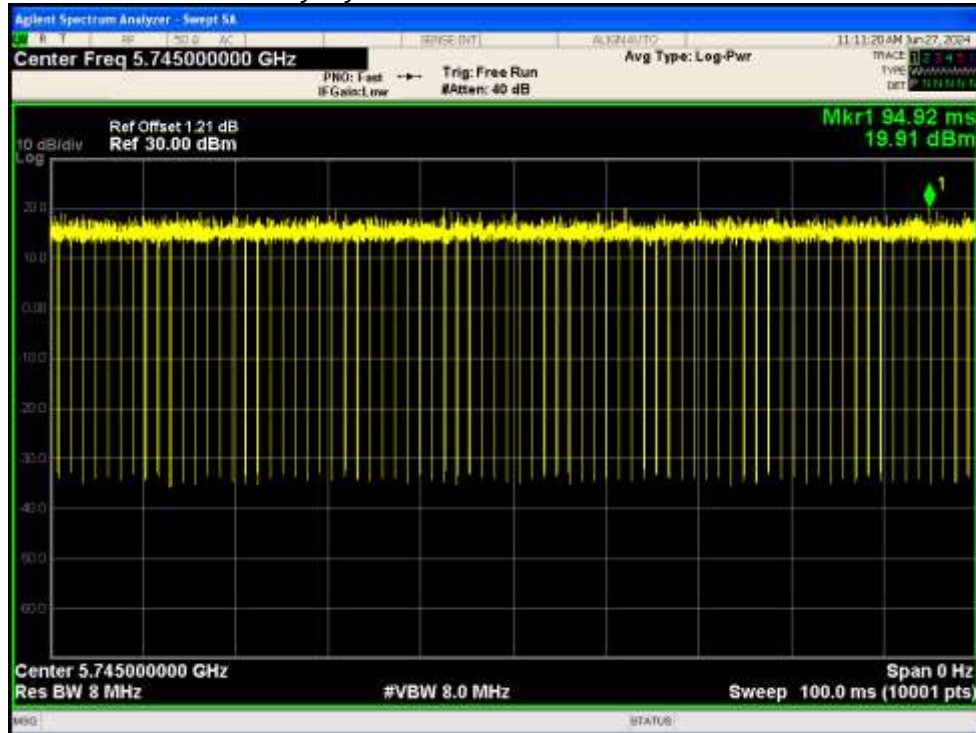
Duty Cycle NVNT ac40 5795MHz Ant1



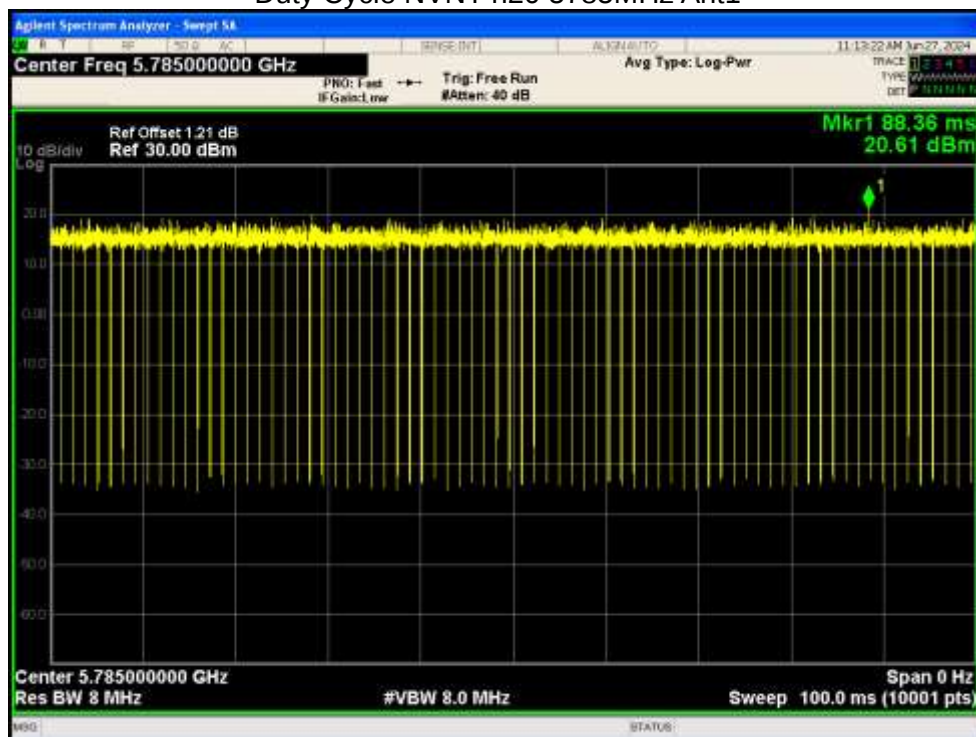
Duty Cycle NVNT ac80 5775MHz Ant1



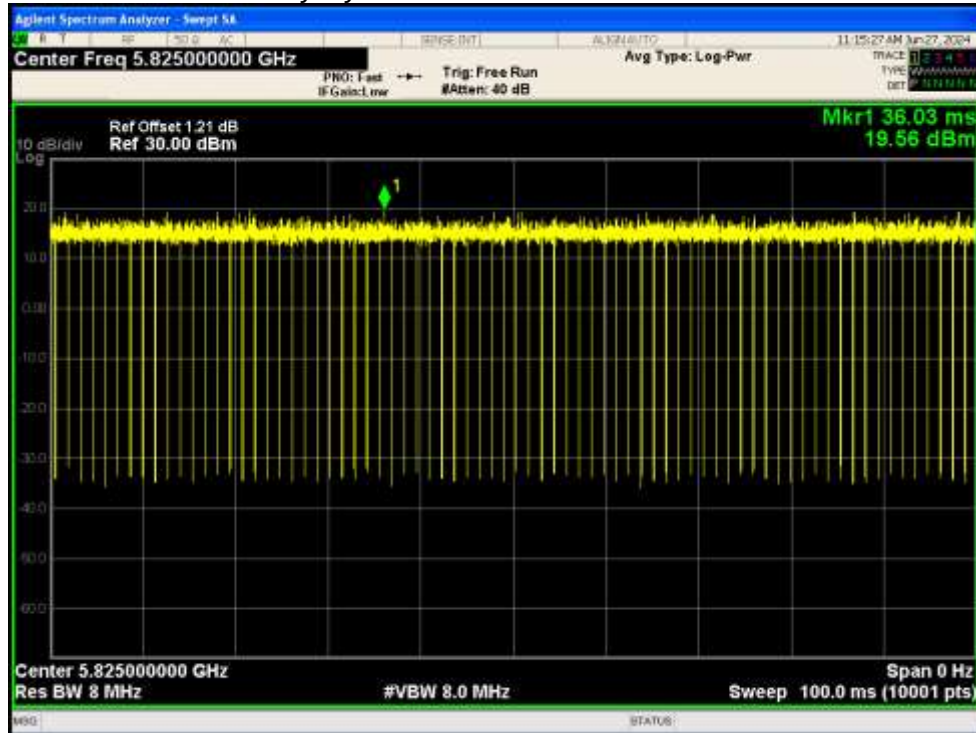
Duty Cycle NVNT n20 5745MHz Ant1



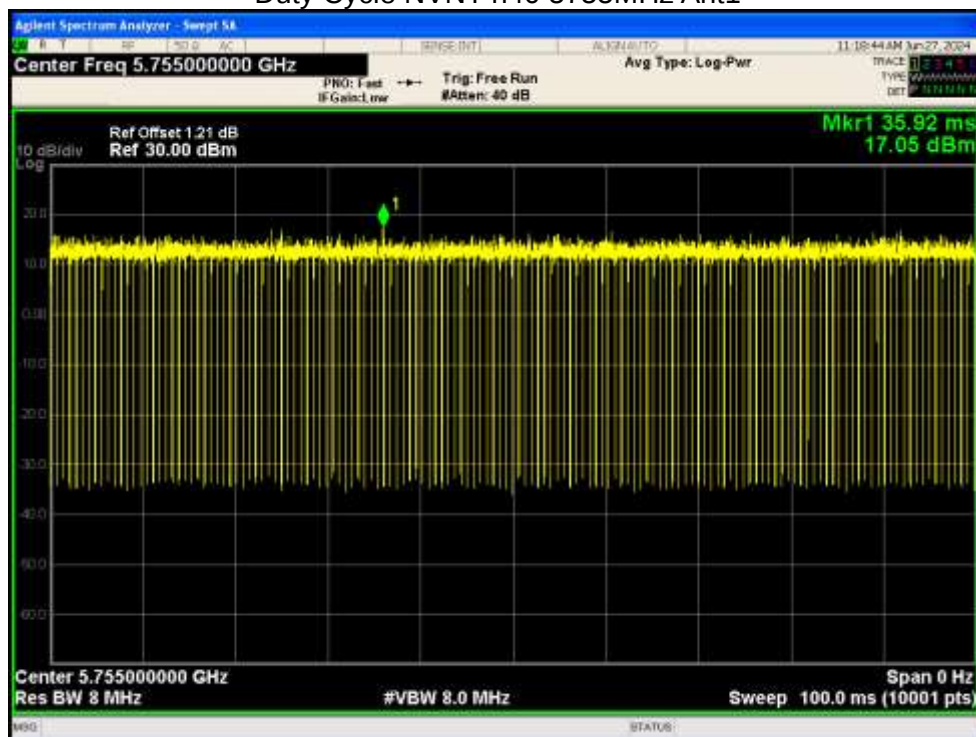
Duty Cycle NVNT n20 5785MHz Ant1



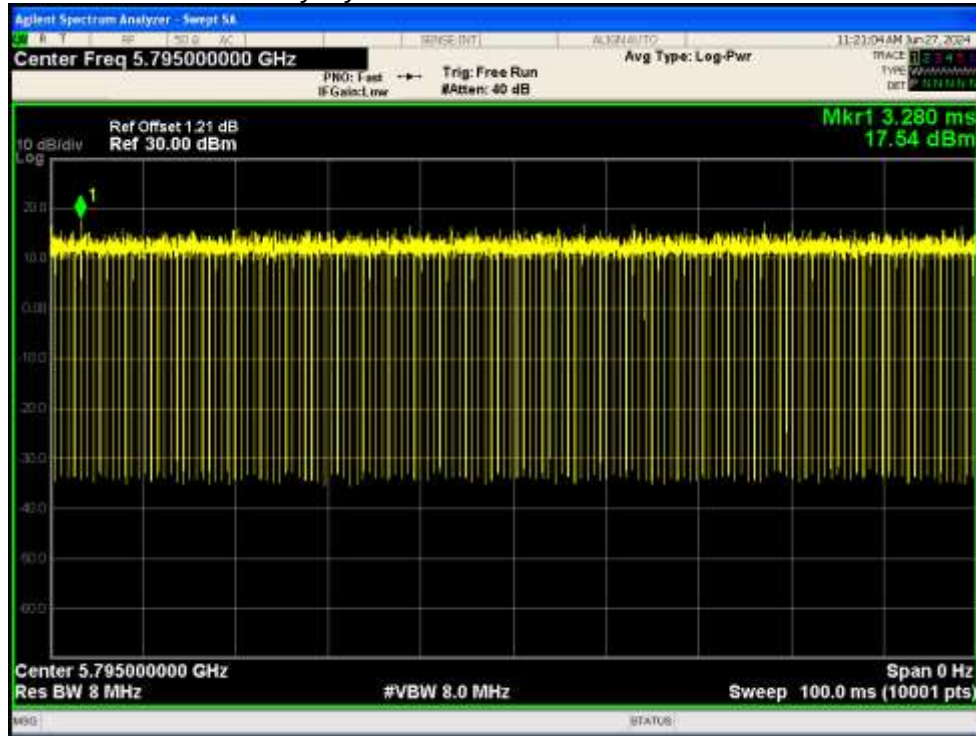
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



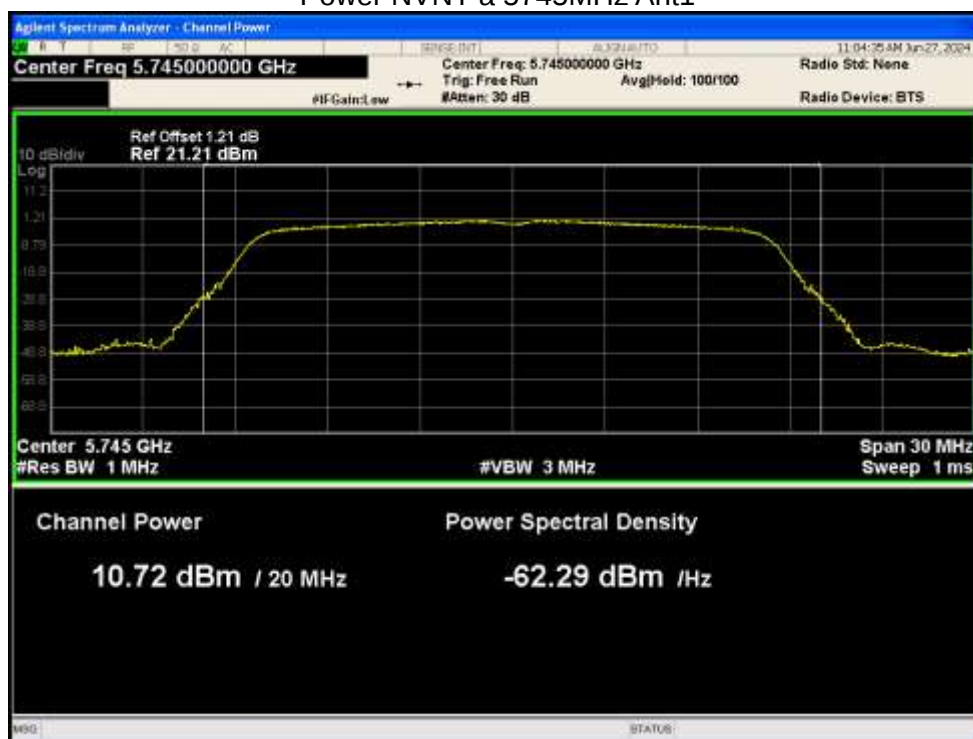
Duty Cycle NVNT n40 5795MHz Ant1



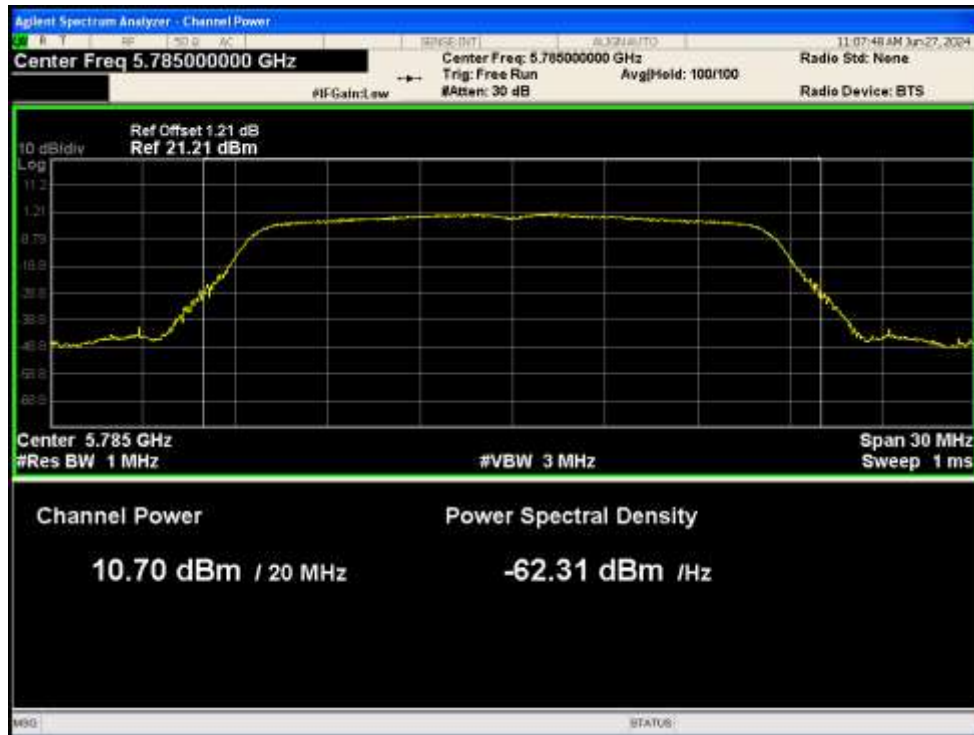
5.2.2 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.724	0.1	10.824	30	Pass
NVNT	a	5785	Ant1	10.703	0.1	10.803	30	Pass
NVNT	a	5825	Ant1	10.576	0.1	10.676	30	Pass
NVNT	ac20	5745	Ant1	10.584	0.11	10.694	30	Pass
NVNT	ac20	5785	Ant1	10.585	0.11	10.695	30	Pass
NVNT	ac20	5825	Ant1	10.466	0.11	10.576	30	Pass
NVNT	ac40	5755	Ant1	10.549	0.22	10.769	30	Pass
NVNT	ac40	5795	Ant1	10.605	0.22	10.825	30	Pass
NVNT	ac80	5775	Ant1	10.299	0.86	11.159	30	Pass
NVNT	n20	5745	Ant1	10.526	0.11	10.636	30	Pass
NVNT	n20	5785	Ant1	10.577	0.11	10.687	30	Pass
NVNT	n20	5825	Ant1	10.386	0.11	10.496	30	Pass
NVNT	n40	5755	Ant1	10.624	0.22	10.844	30	Pass
NVNT	n40	5795	Ant1	10.543	0.22	10.763	30	Pass

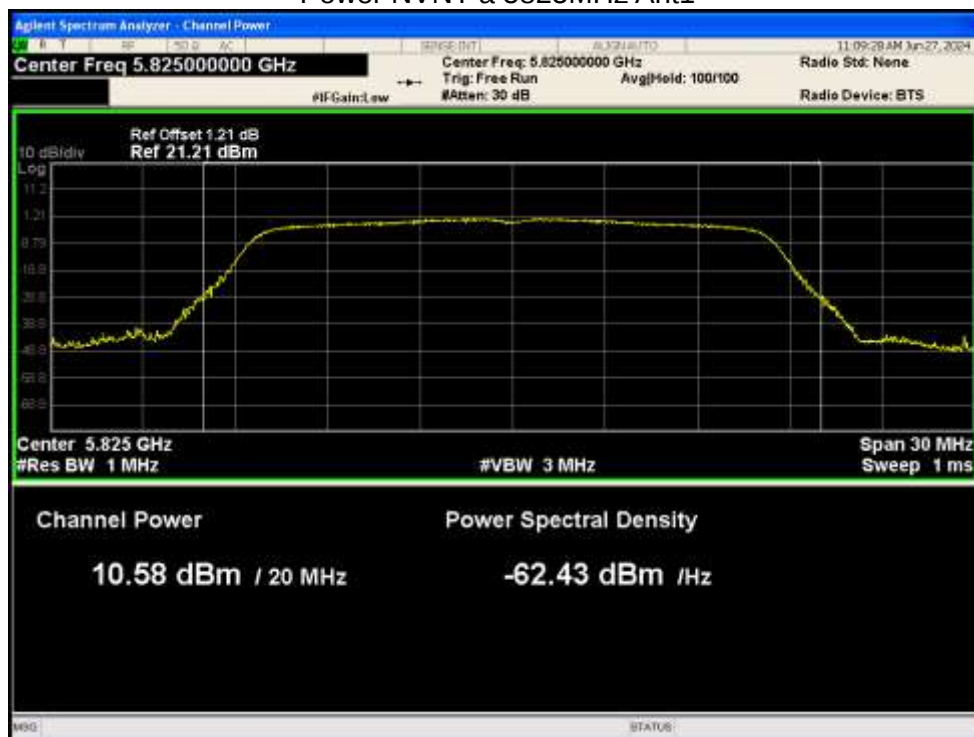
Power NVNT a 5745MHz Ant1



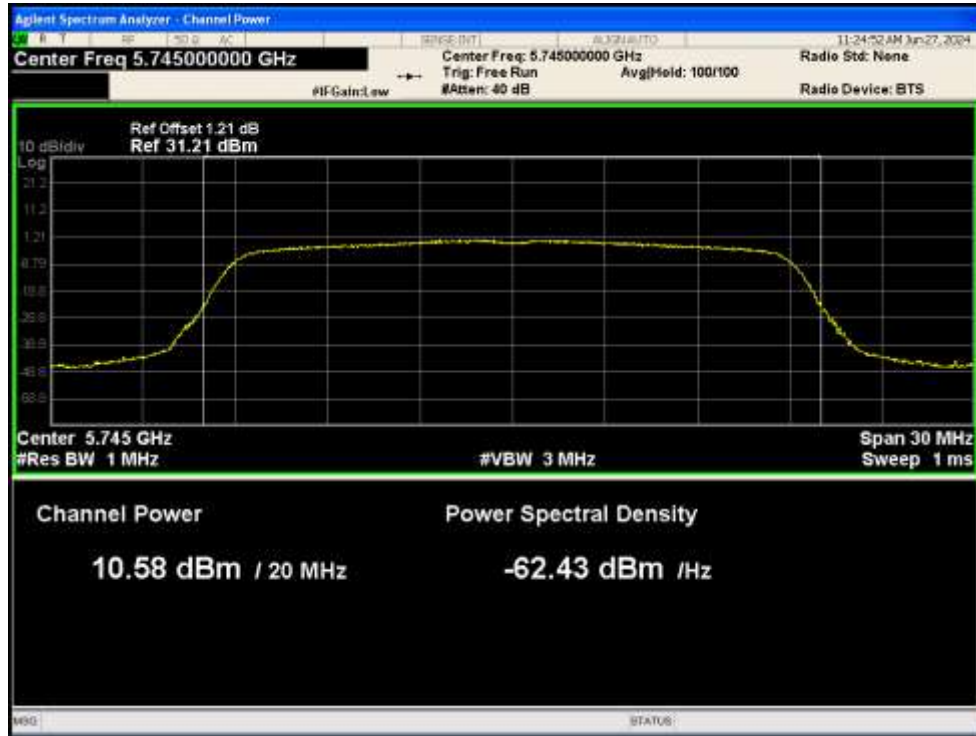
Power NVNT a 5785MHz Ant1



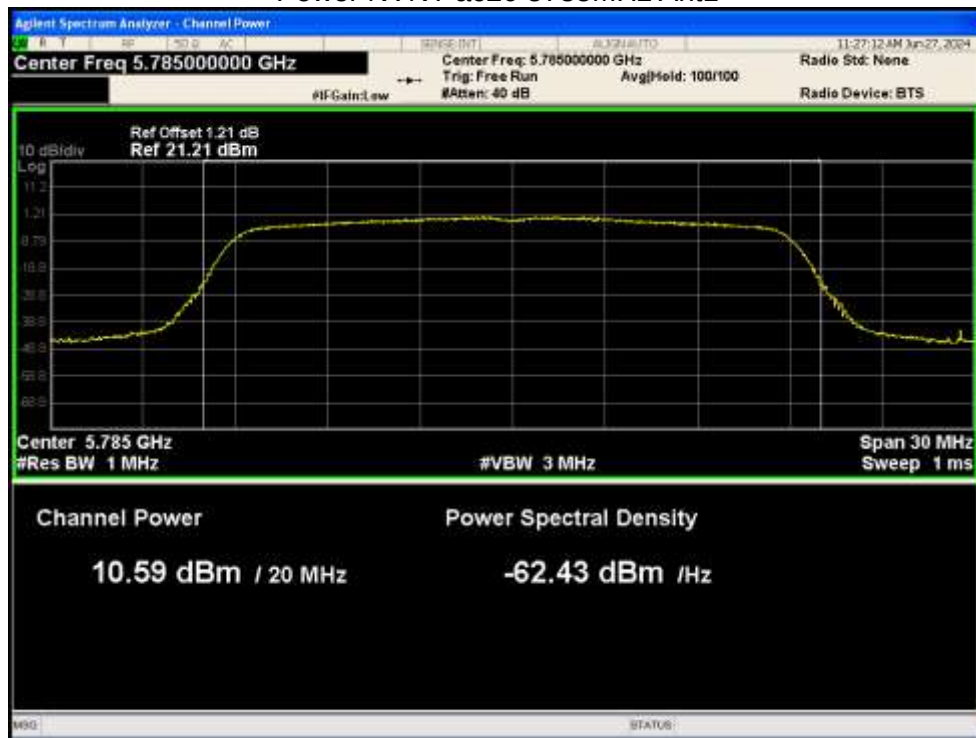
Power NVNT a 5825MHz Ant1



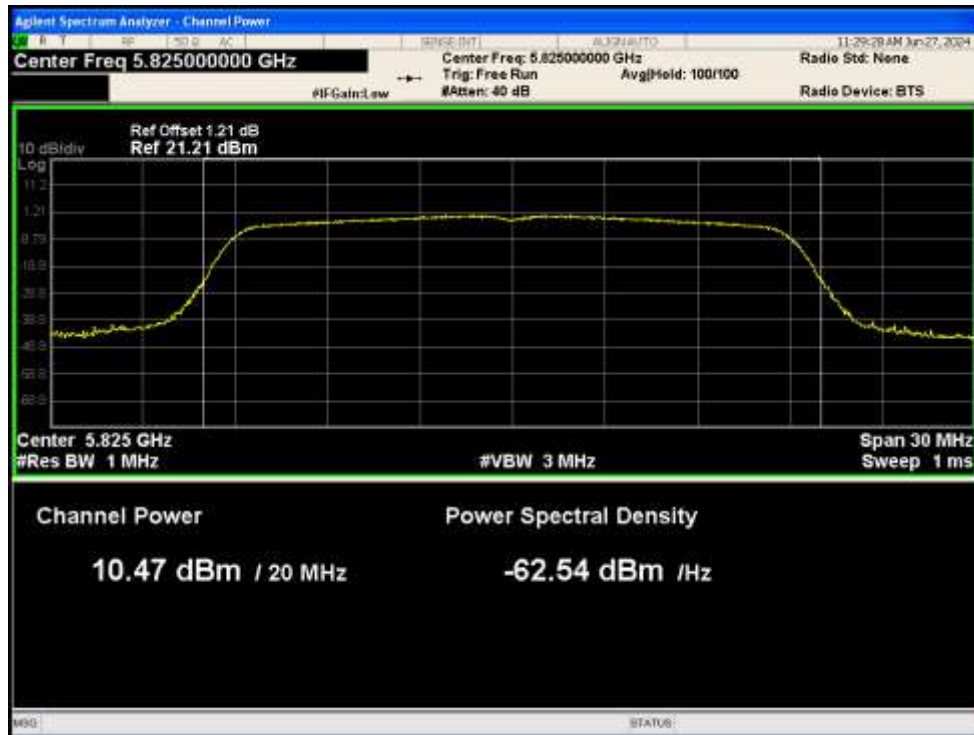
Power NVNT ac20 5745MHz Ant1



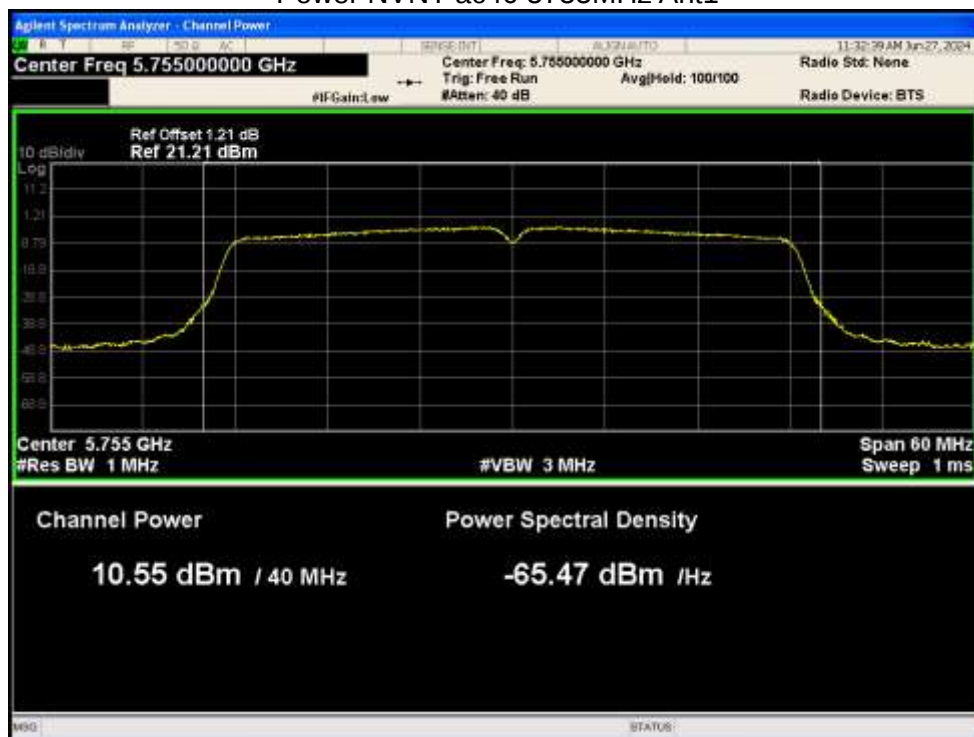
Power NVNT ac20 5785MHz Ant1



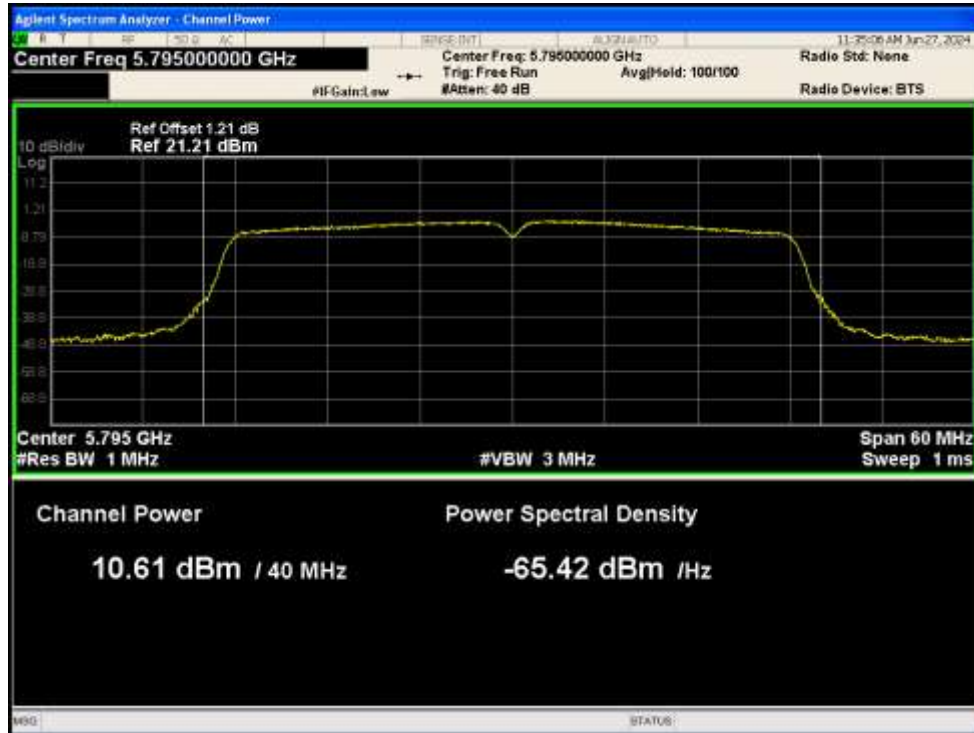
Power NVNT ac20 5825MHz Ant1



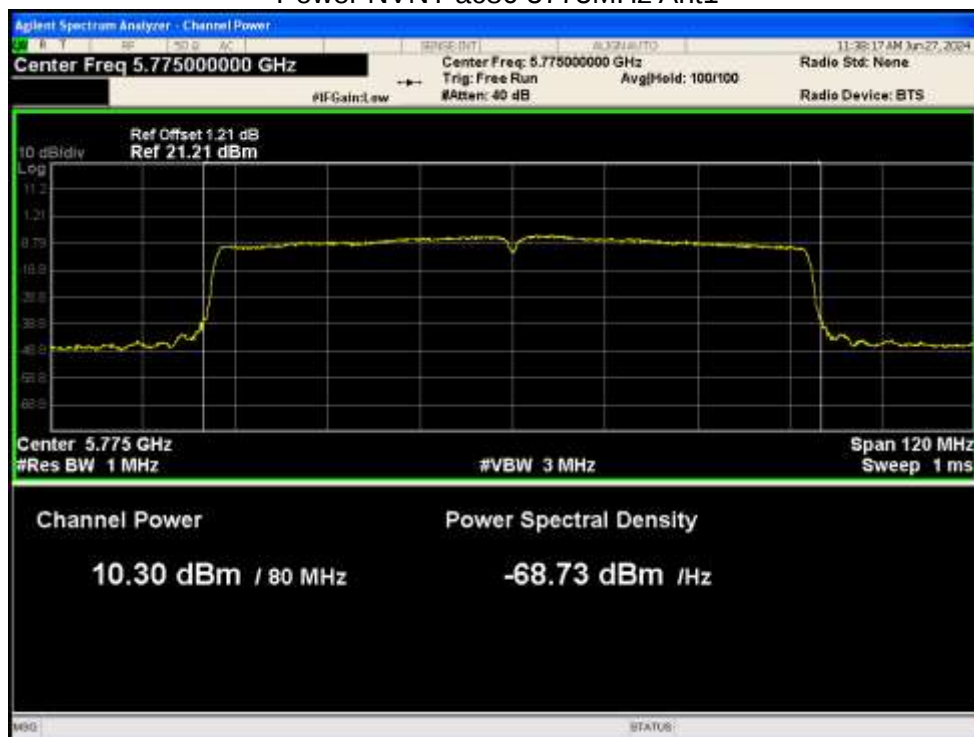
Power NVNT ac40 5755MHz Ant1



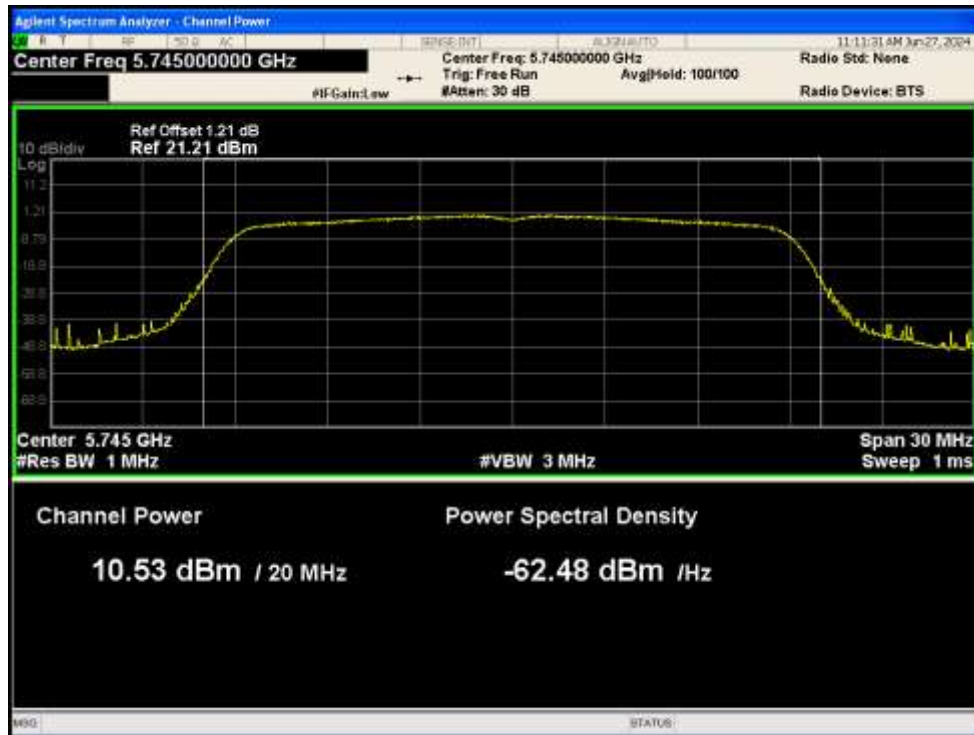
Power NVNT ac40 5795MHz Ant1



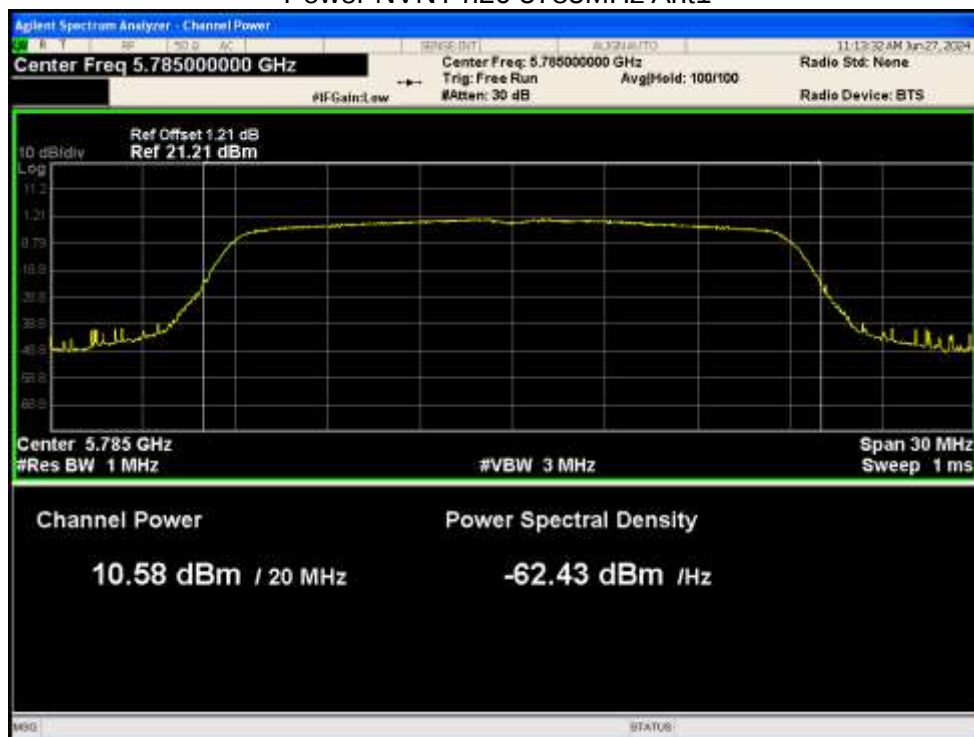
Power NVNT ac80 5775MHz Ant1



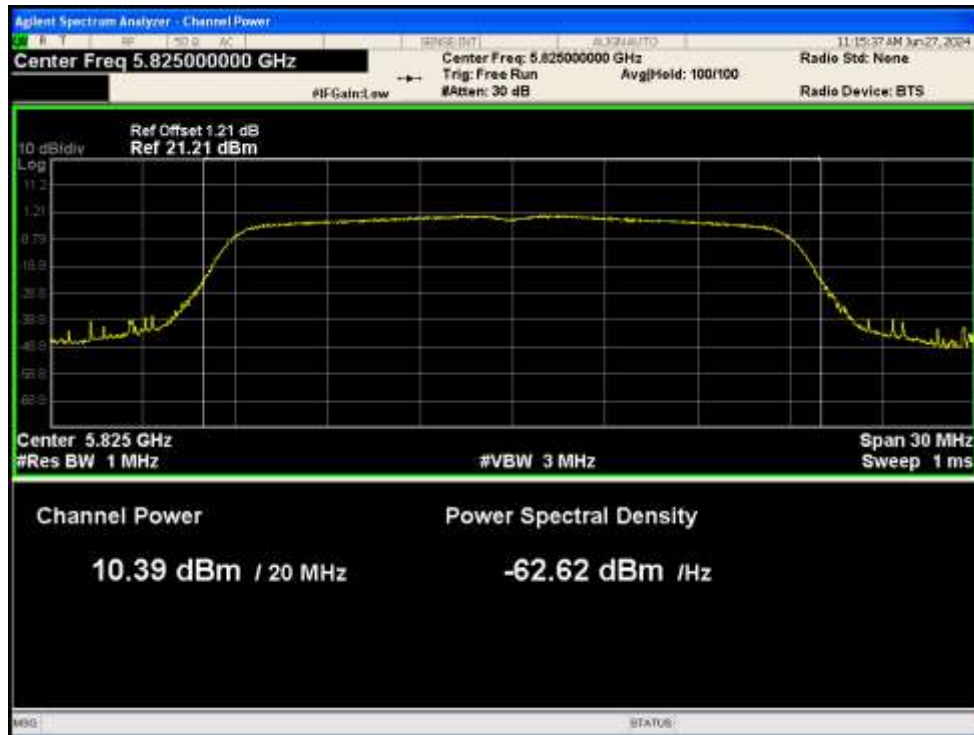
Power NVNT n20 5745MHz Ant1



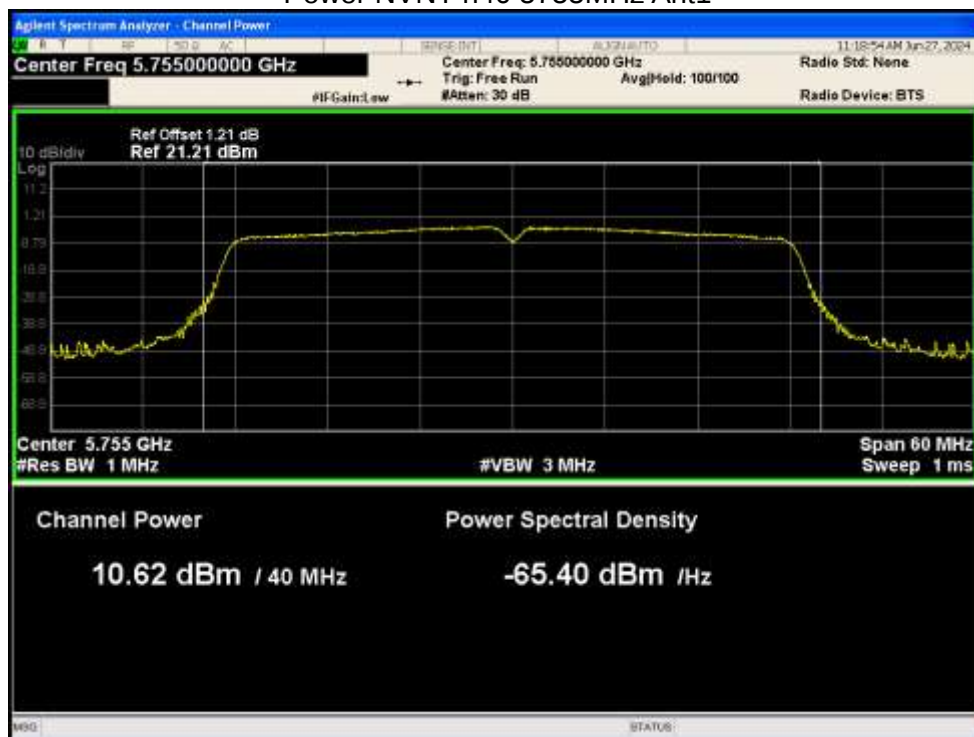
Power NVNT n20 5785MHz Ant1



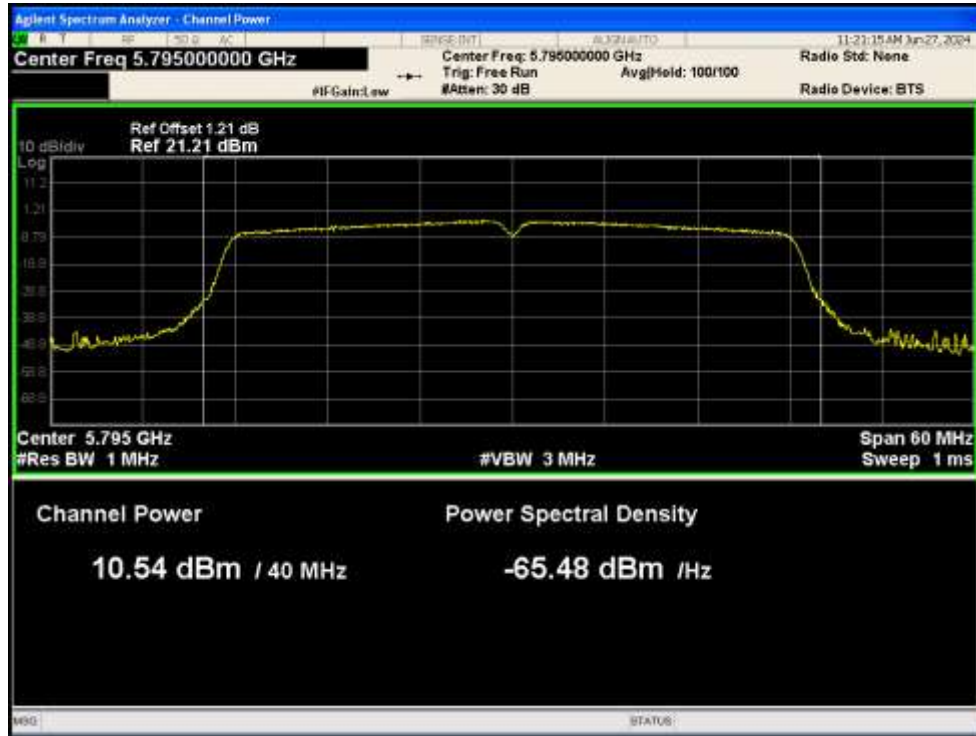
Power NVNT n20 5825MHz Ant1



Power NVNT n40 5755MHz Ant1



Power NVNT n40 5795MHz Ant1



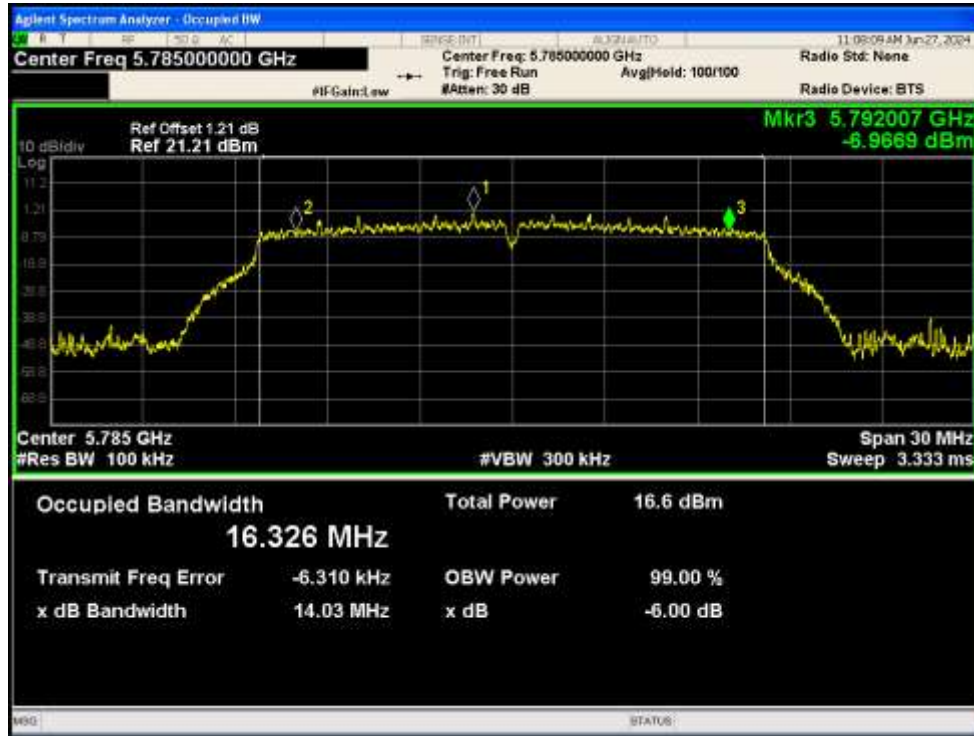
5.2.3 -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	14.706	0.5	Pass
NVNT	a	5785	Ant1	14.026	0.5	Pass
NVNT	a	5825	Ant1	15.275	0.5	Pass
NVNT	ac20	5745	Ant1	16.234	0.5	Pass
NVNT	ac20	5785	Ant1	17.168	0.5	Pass
NVNT	ac20	5825	Ant1	16.734	0.5	Pass
NVNT	ac40	5755	Ant1	36.025	0.5	Pass
NVNT	ac40	5795	Ant1	36.03	0.5	Pass
NVNT	ac80	5775	Ant1	75.057	0.5	Pass
NVNT	n20	5745	Ant1	17.157	0.5	Pass
NVNT	n20	5785	Ant1	16.35	0.5	Pass
NVNT	n20	5825	Ant1	17.055	0.5	Pass
NVNT	n40	5755	Ant1	35.436	0.5	Pass
NVNT	n40	5795	Ant1	35.764	0.5	Pass

-6dB Bandwidth NVNT a 5745MHz Ant1



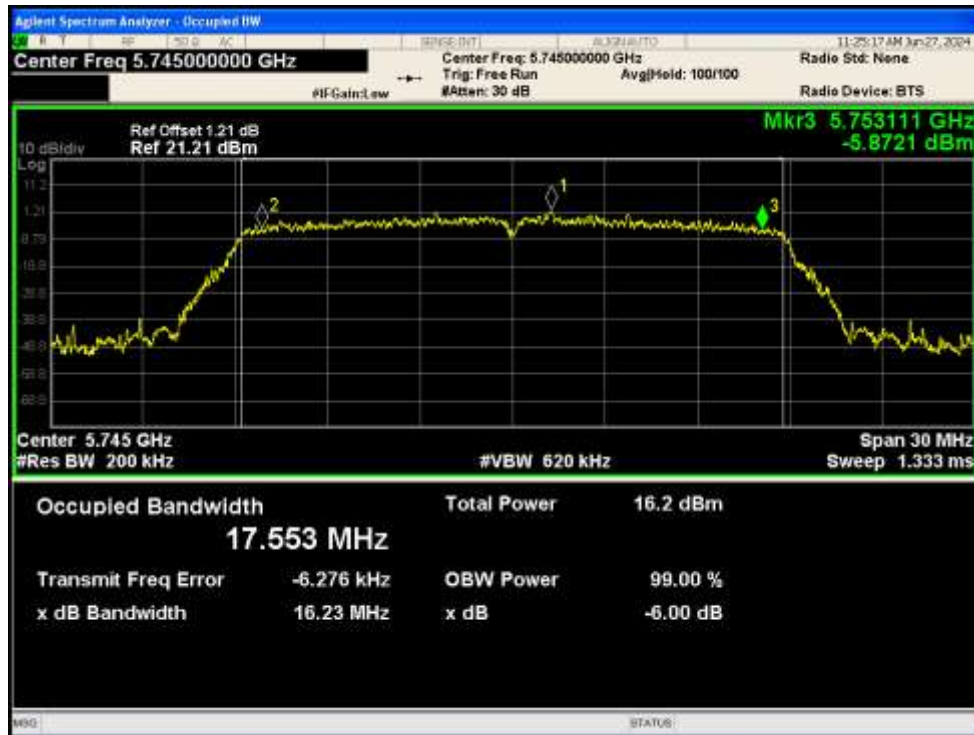
-6dB Bandwidth NVNT a 5785MHz Ant1



-6dB Bandwidth NVNT a 5825MHz Ant1



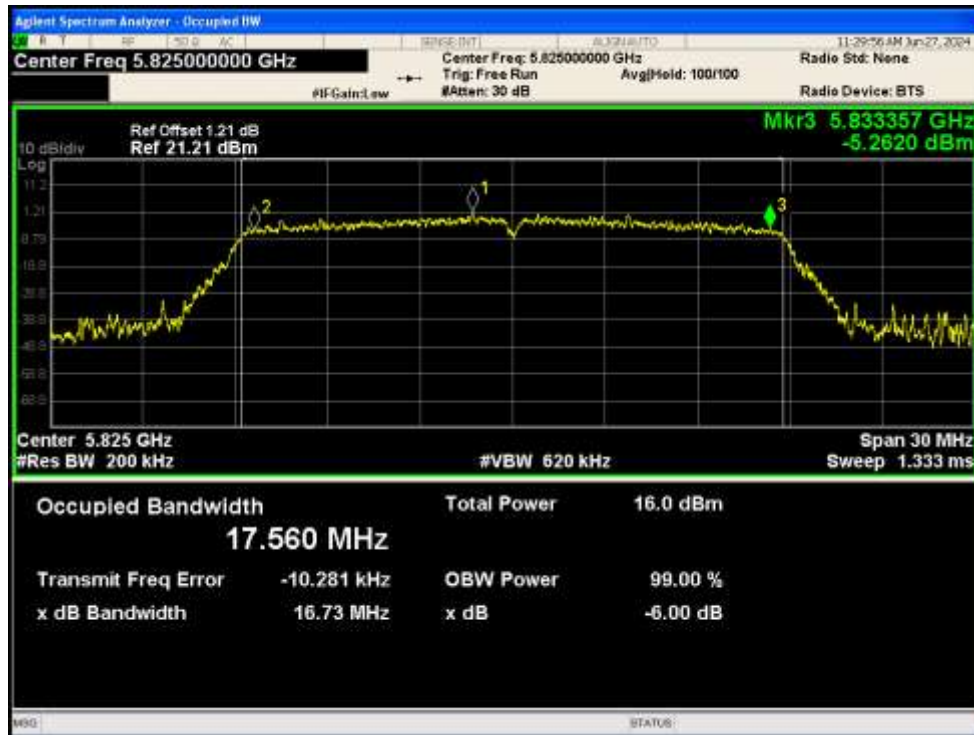
-6dB Bandwidth NVNT ac20 5745MHz Ant1



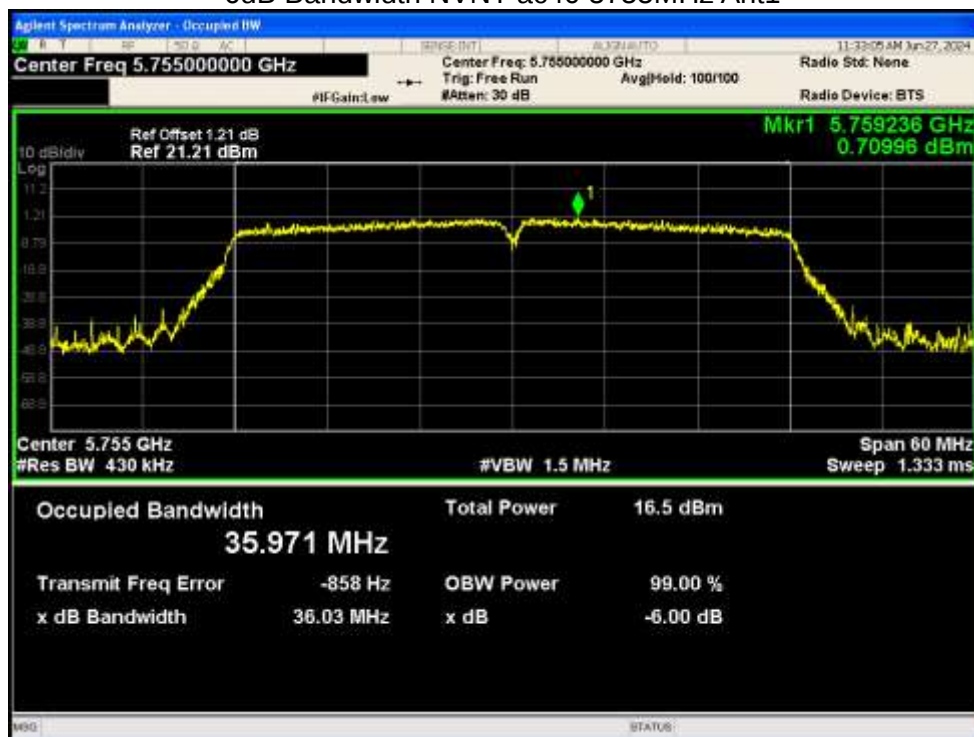
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



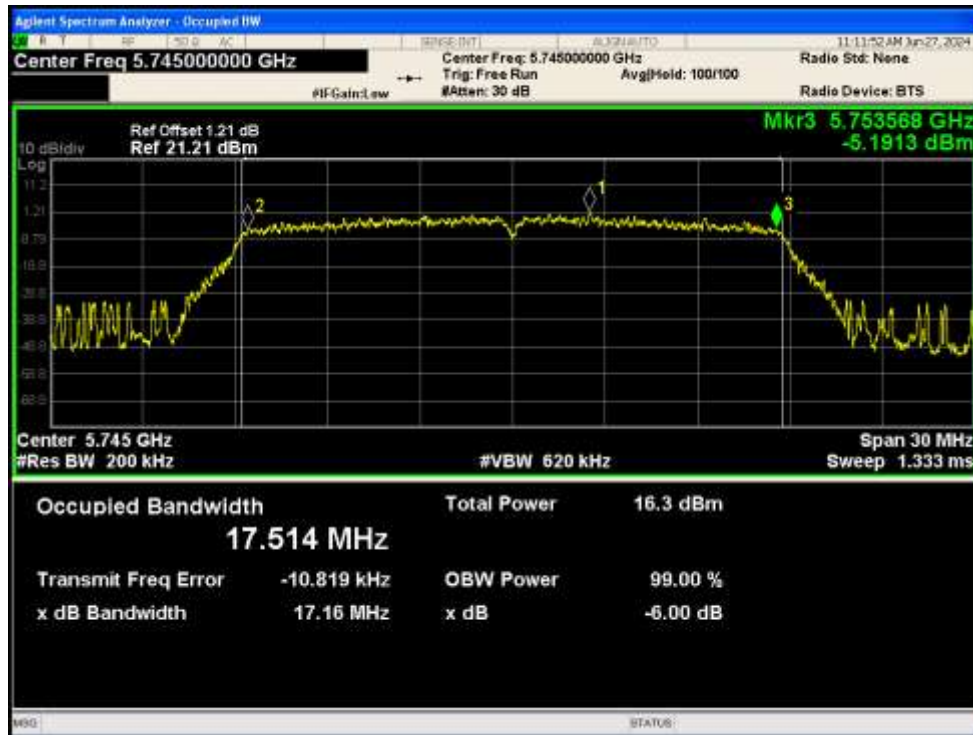
-6dB Bandwidth NVNT ac40 5795MHz Ant1



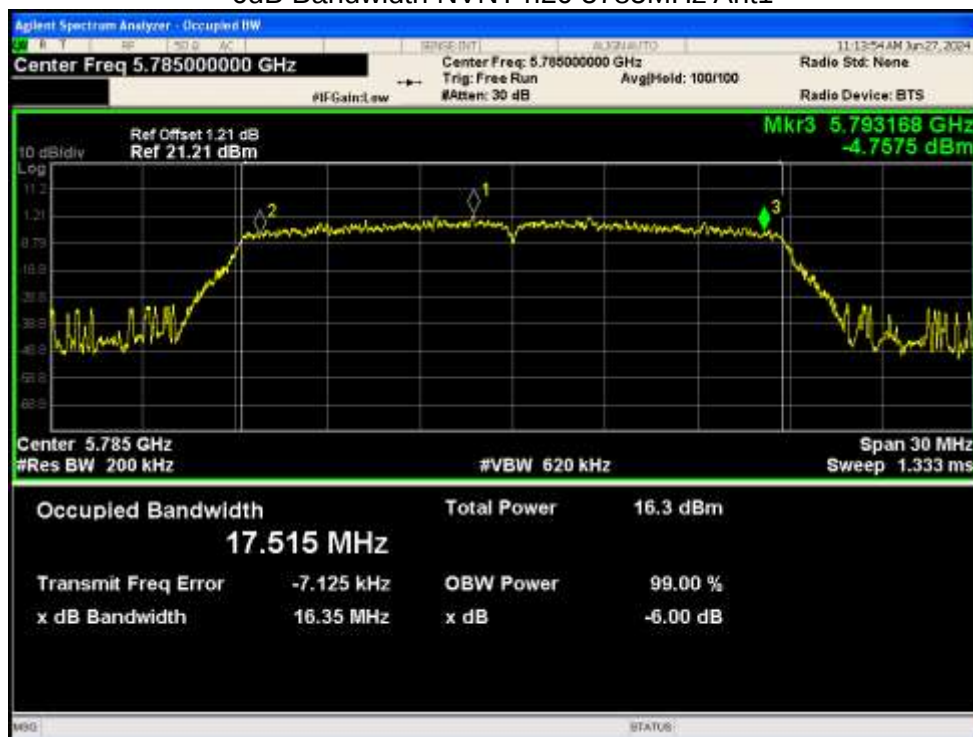
-6dB Bandwidth NVNT ac80 5775MHz Ant1



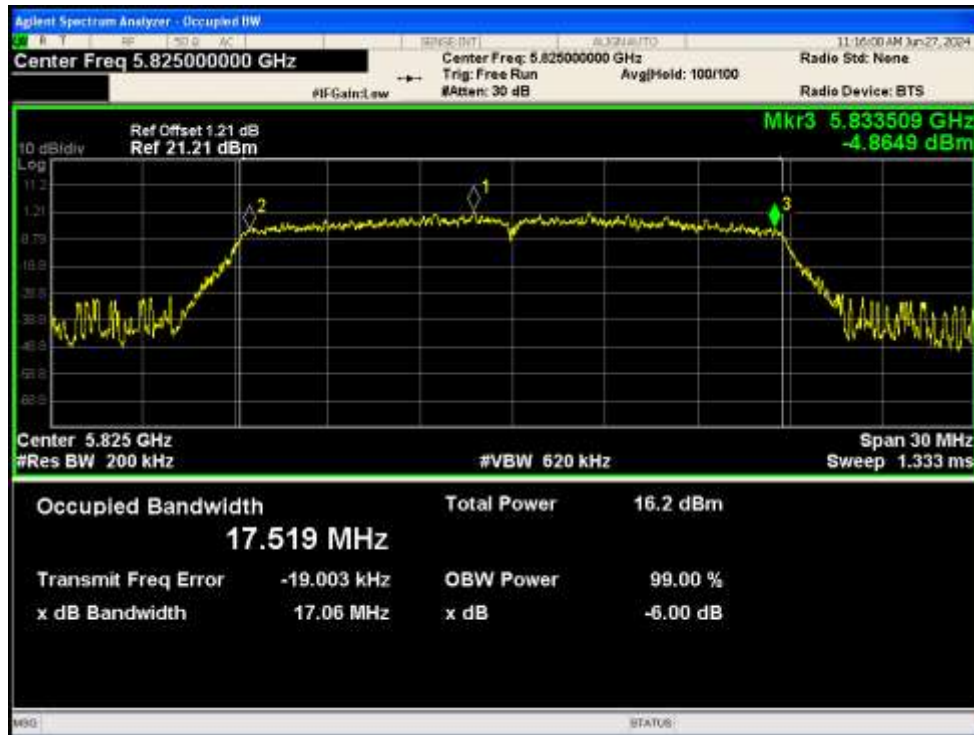
-6dB Bandwidth NVNT n20 5745MHz Ant1



-6dB Bandwidth NVNT n20 5785MHz Ant1



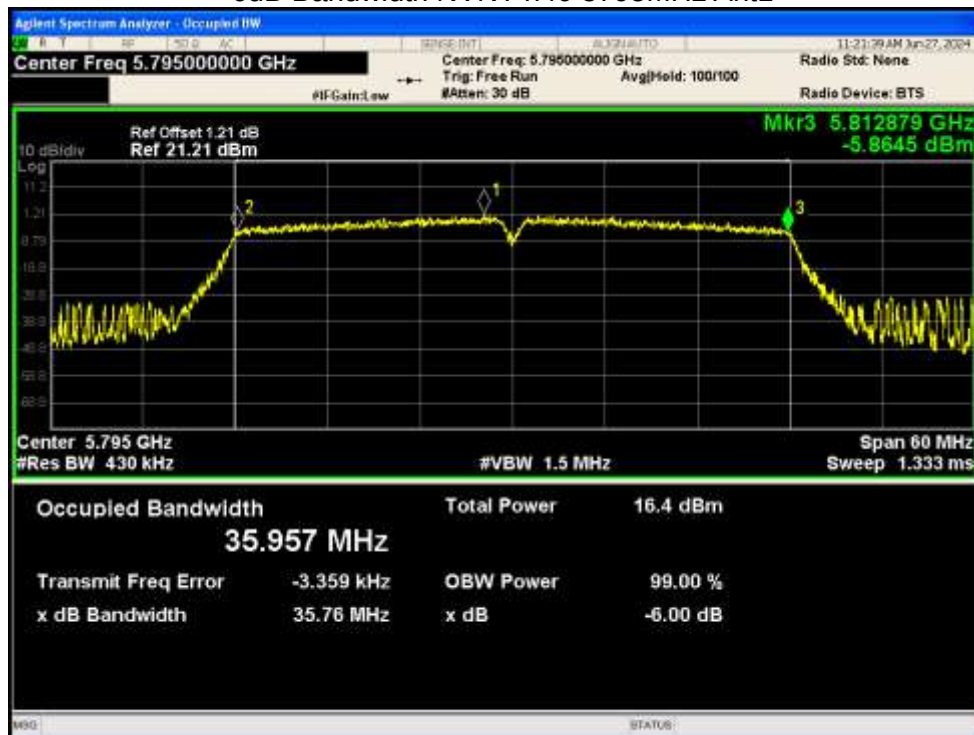
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



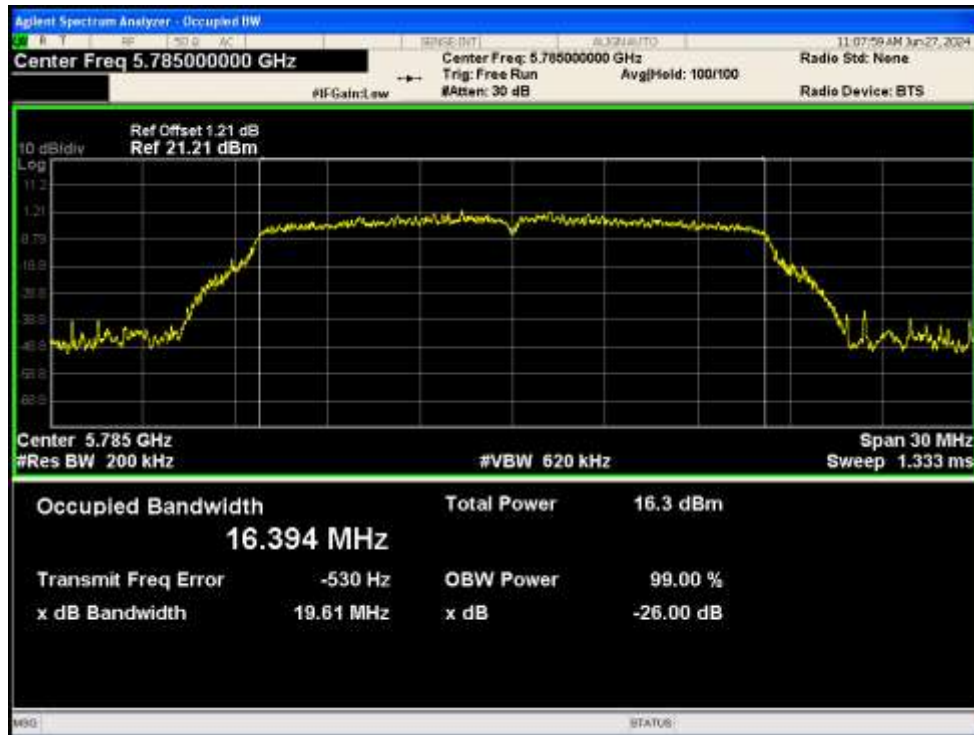
5.2.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.369
NVNT	a	5785	Ant1	16.394
NVNT	a	5825	Ant1	16.358
NVNT	ac20	5745	Ant1	17.51
NVNT	ac20	5785	Ant1	17.535
NVNT	ac20	5825	Ant1	17.508
NVNT	ac40	5755	Ant1	36.001
NVNT	ac40	5795	Ant1	35.885
NVNT	ac80	5775	Ant1	75.157
NVNT	n20	5745	Ant1	17.522
NVNT	n20	5785	Ant1	17.535
NVNT	n20	5825	Ant1	17.523
NVNT	n40	5755	Ant1	35.96
NVNT	n40	5795	Ant1	35.898

OBW NVNT a 5745MHz Ant1



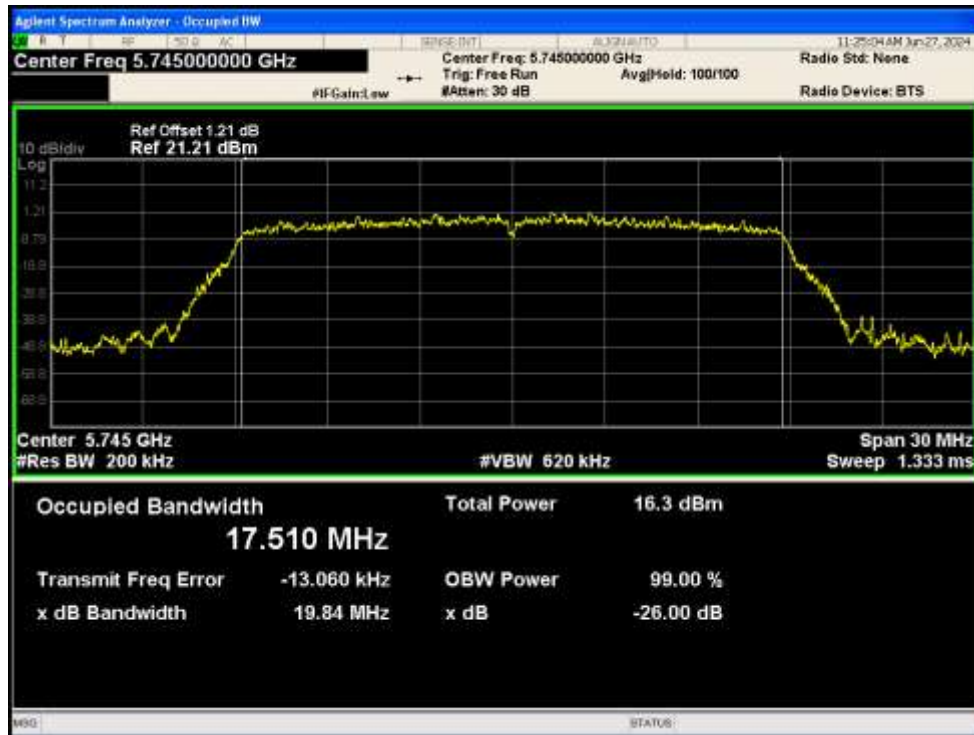
OBW NVNT a 5785MHz Ant1



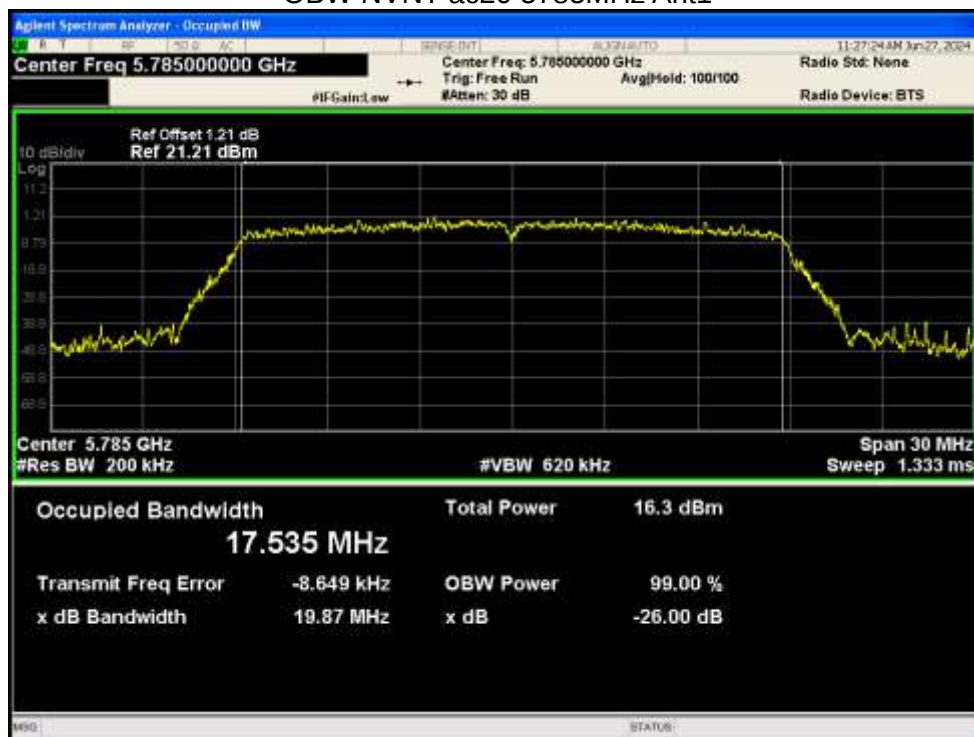
OBW NVNT a 5825MHz Ant1



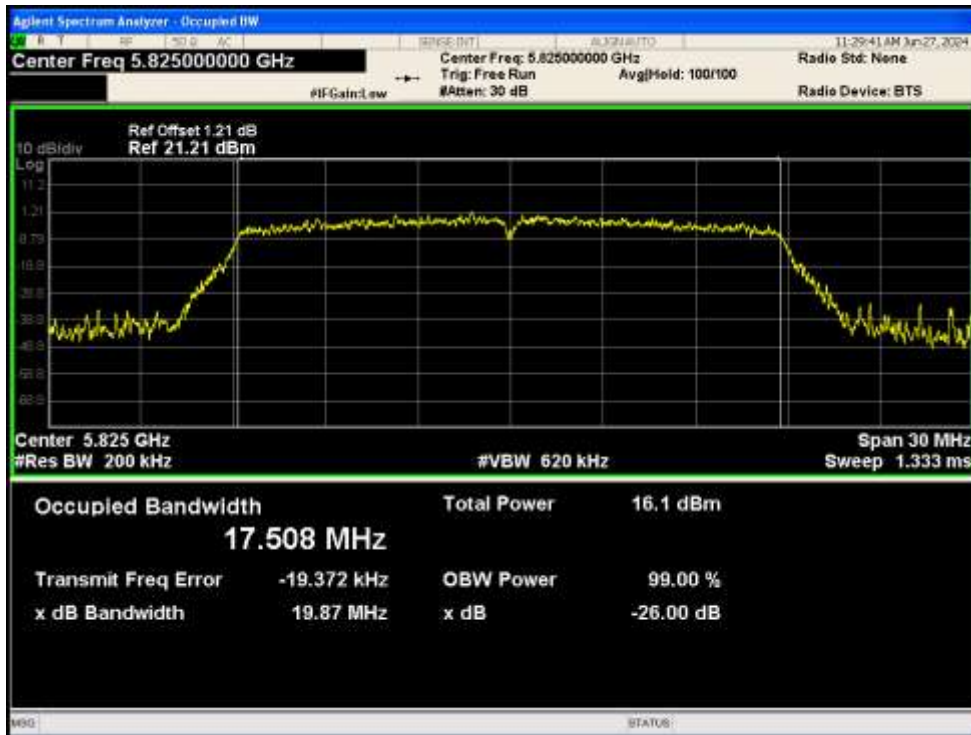
OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5785MHz Ant1



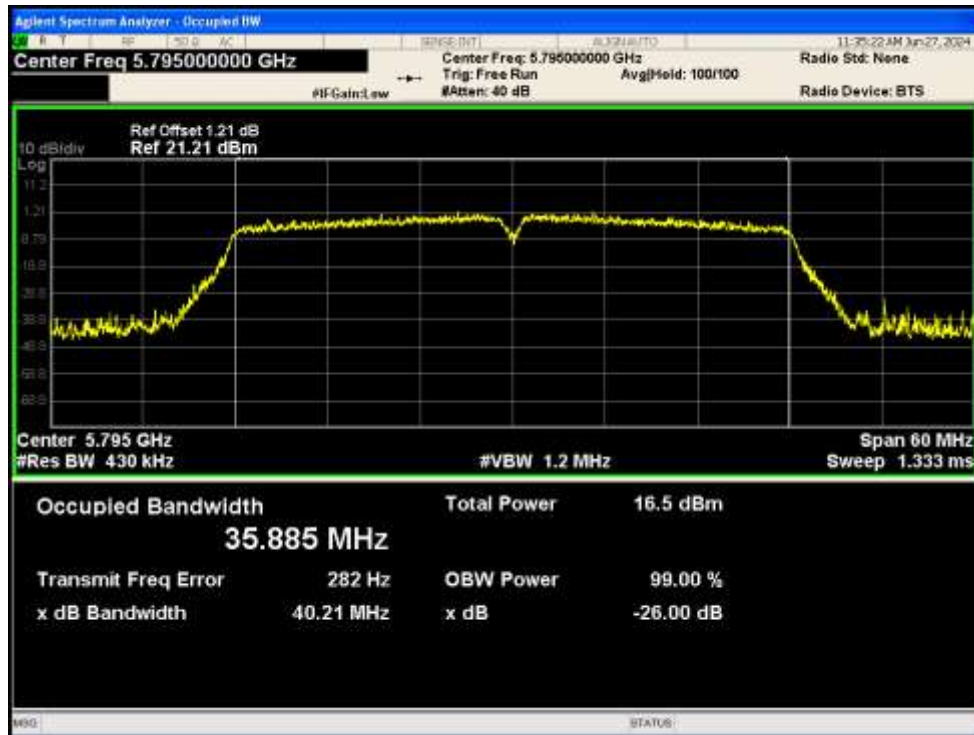
OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



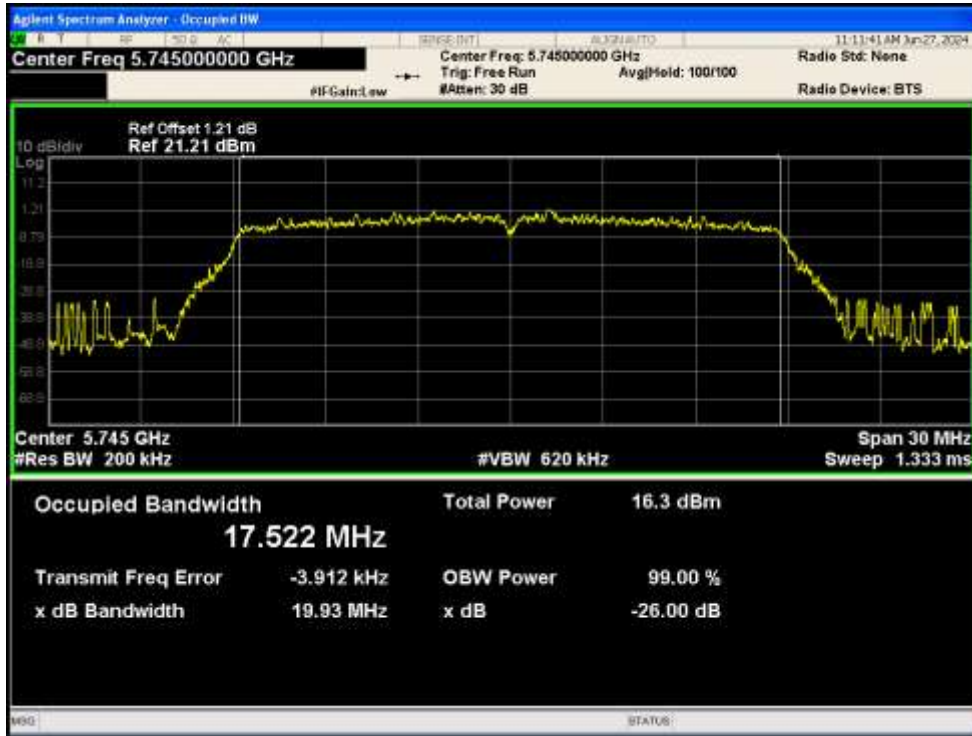
OBW NVNT ac40 5795MHz Ant1



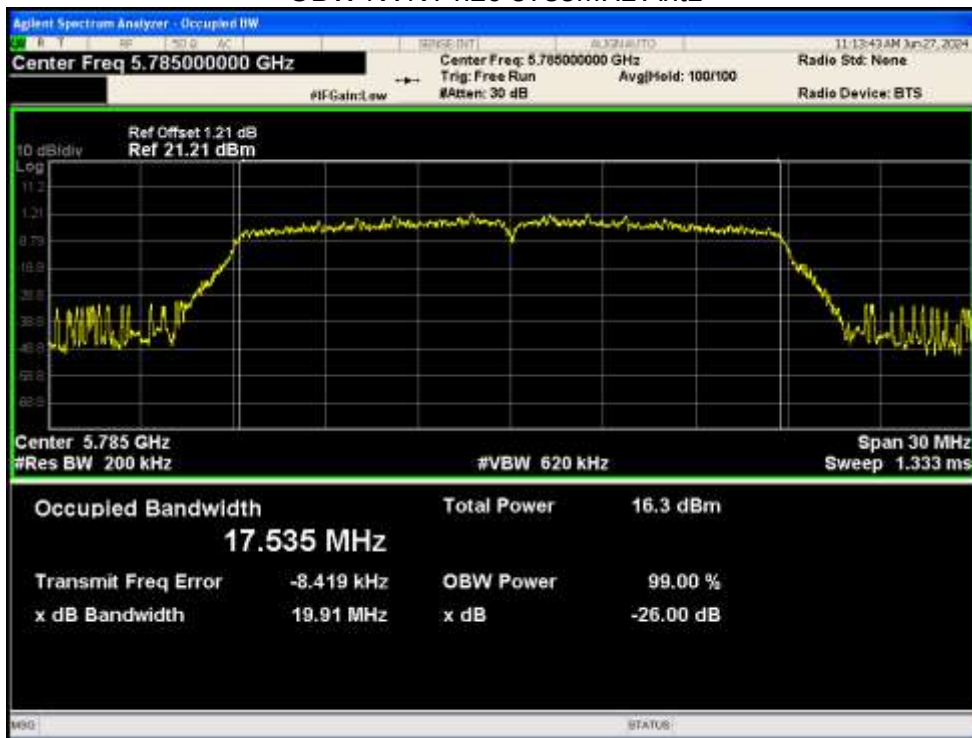
OBW NVNT ac80 5775MHz Ant1



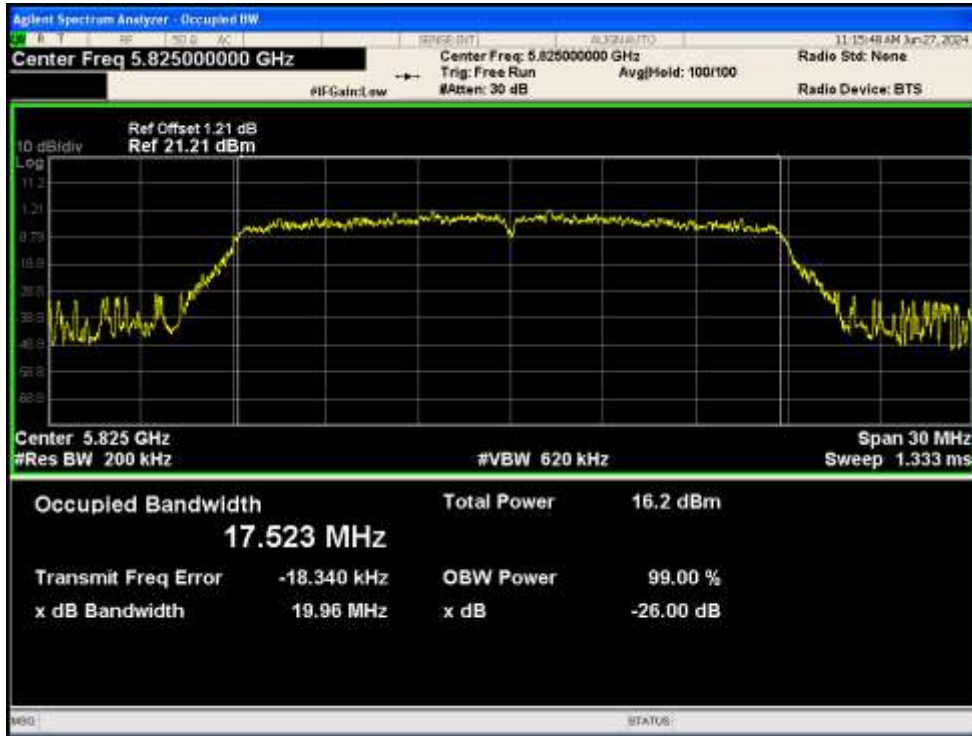
OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



5.2.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-1.636	0.1	-1.536	30	Pass
NVNT	a	5785	Ant1	-1.621	0.1	-1.521	30	Pass
NVNT	a	5825	Ant1	-1.899	0.1	-1.799	30	Pass
NVNT	ac20	5745	Ant1	-2.033	0.11	-1.923	30	Pass
NVNT	ac20	5785	Ant1	-2.277	0.11	-2.167	30	Pass
NVNT	ac20	5825	Ant1	-2.409	0.11	-2.299	30	Pass
NVNT	ac40	5755	Ant1	-5.358	0.22	-5.138	30	Pass
NVNT	ac40	5795	Ant1	-4.865	0.22	-4.645	30	Pass
NVNT	ac80	5775	Ant1	-8.144	0.86	-7.284	30	Pass
NVNT	n20	5745	Ant1	-2.063	0.11	-1.953	30	Pass
NVNT	n20	5785	Ant1	-2.159	0.11	-2.049	30	Pass
NVNT	n20	5825	Ant1	-2.414	0.11	-2.304	30	Pass
NVNT	n40	5755	Ant1	-5.143	0.22	-4.923	30	Pass
NVNT	n40	5795	Ant1	-5.059	0.22	-4.839	30	Pass

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



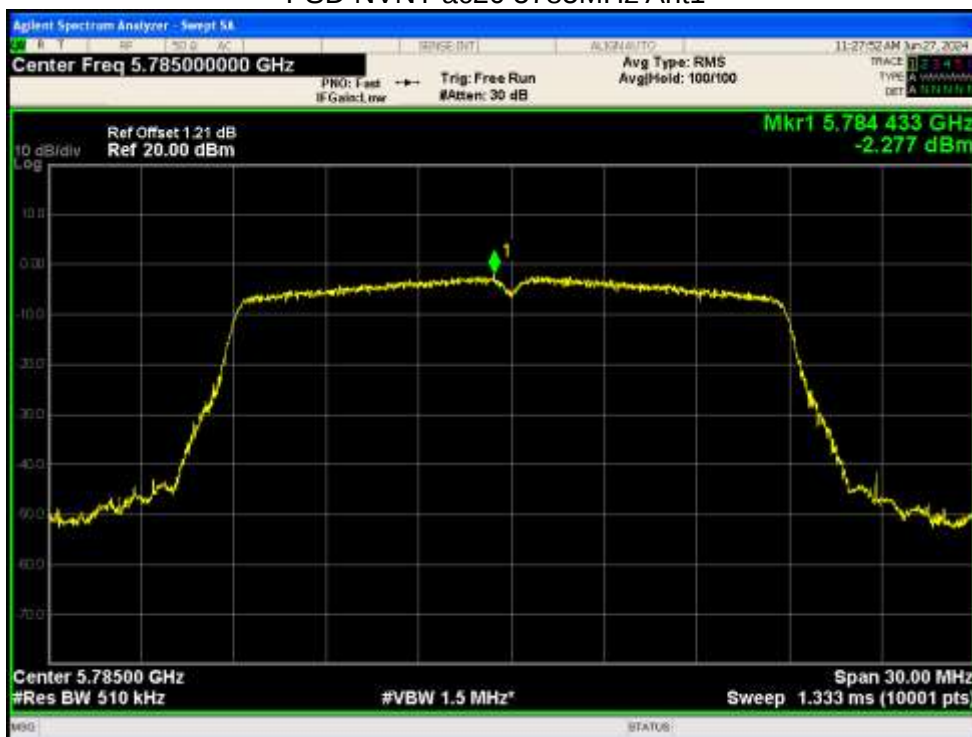
PSD NVNT a 5825MHz Ant1



PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5755MHz Ant1



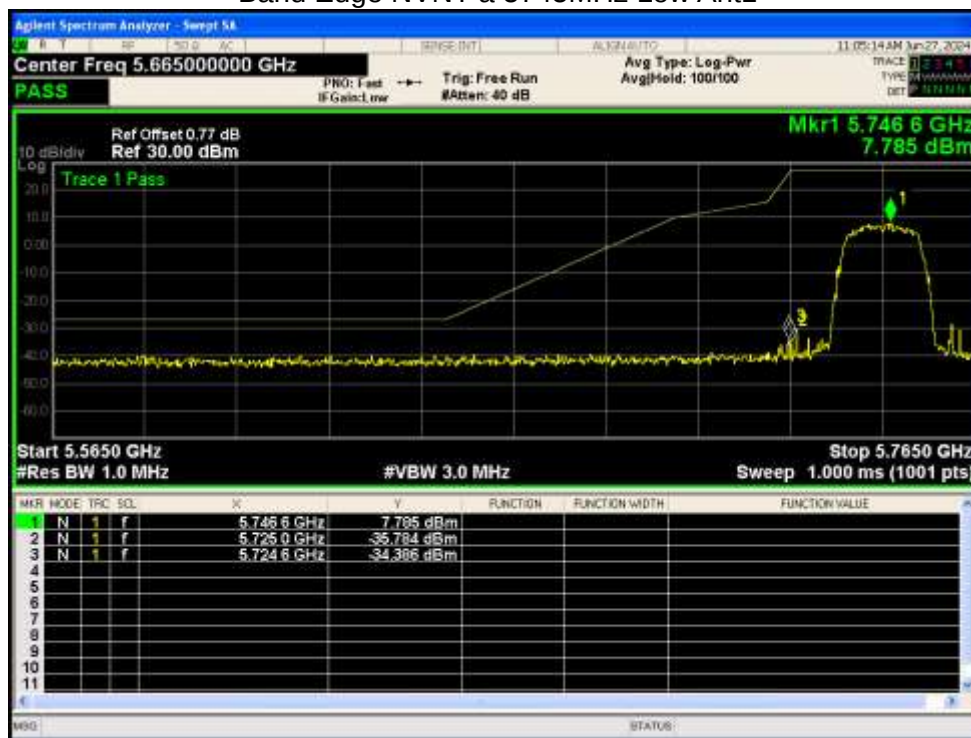
PSD NVNT n40 5795MHz Ant1



5.2.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-34.38	Pass
NVNT	a	5825	Ant1	-37.52	Pass
NVNT	ac20	5745	Ant1	-31.41	Pass
NVNT	ac20	5825	Ant1	-38.17	Pass
NVNT	ac40	5755	Ant1	-33.87	Pass
NVNT	ac40	5795	Ant1	-39.07	Pass
NVNT	ac80	5775	Ant1	-34.18	Pass
NVNT	ac80	5775	Ant1	-30.81	Pass
NVNT	n20	5745	Ant1	-27.78	Pass
NVNT	n20	5825	Ant1	-36.13	Pass
NVNT	n40	5755	Ant1	-24.84	Pass
NVNT	n40	5795	Ant1	-38.16	Pass

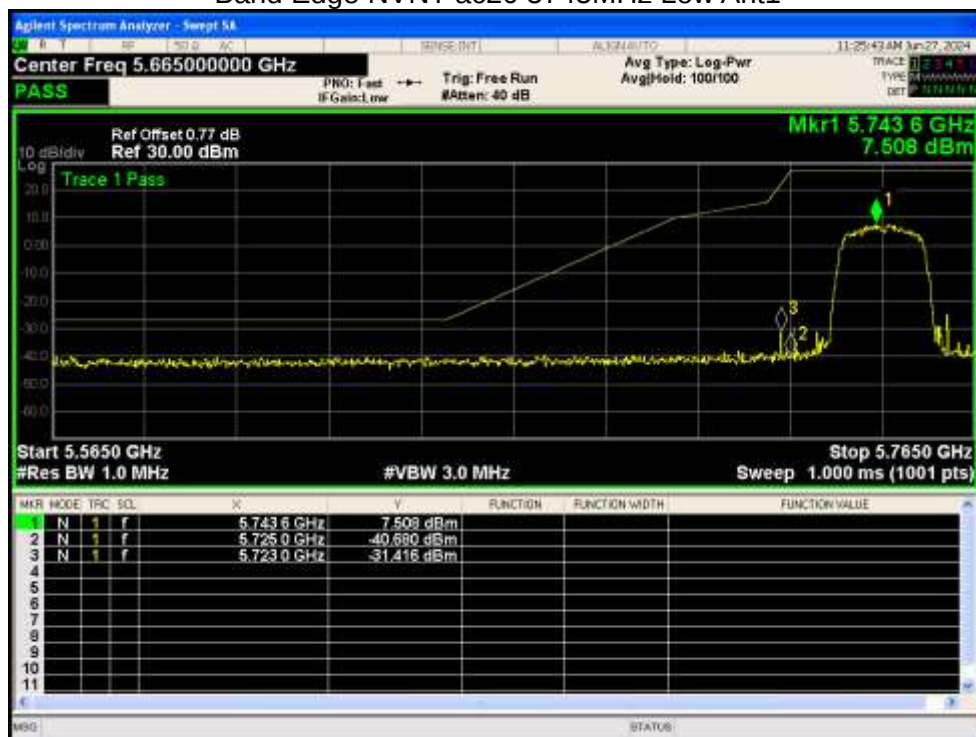
Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



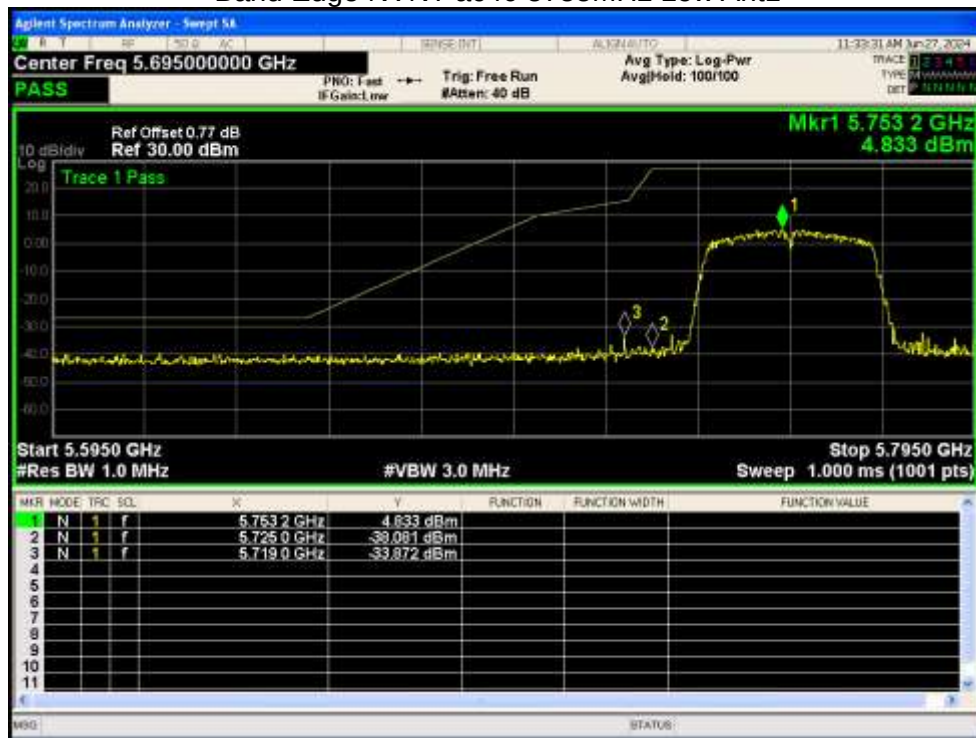
Band Edge NVNT ac20 5745MHz Low Ant1



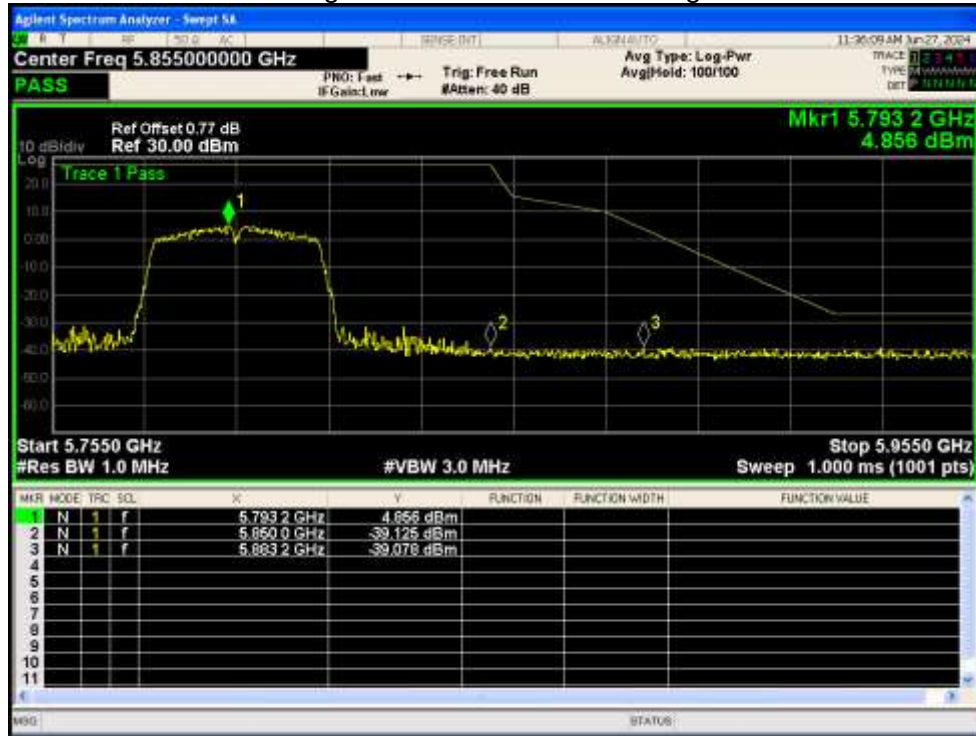
Band Edge NVNT ac20 5825MHz High Ant1



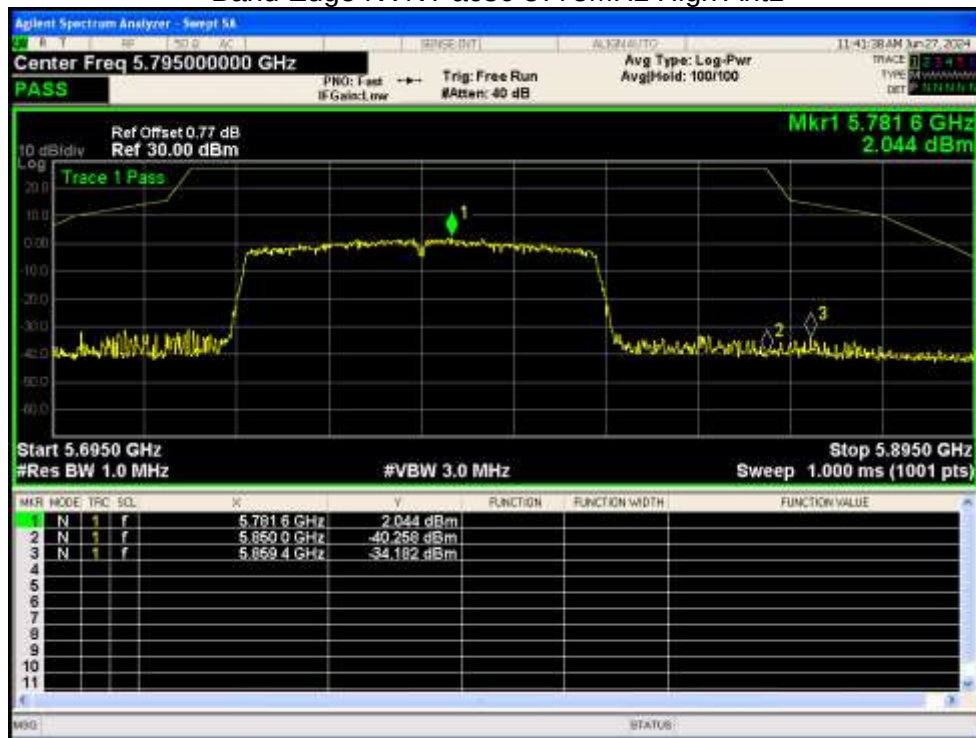
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



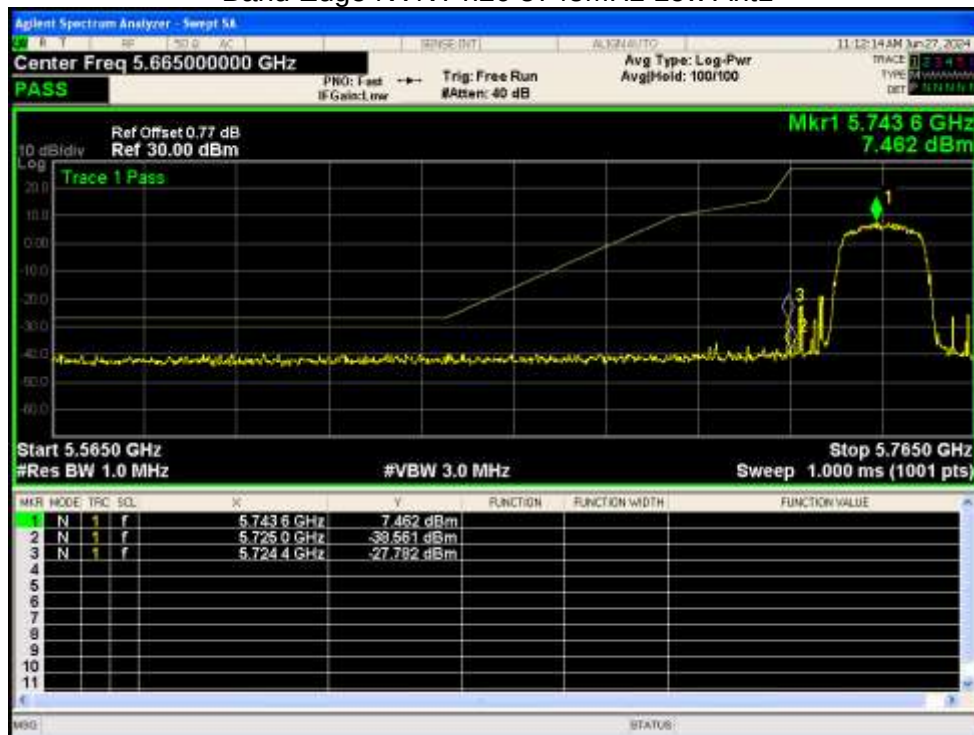
Band Edge NVNT ac80 5775MHz High Ant1



Band Edge NVNT ac80 5775MHz Low Ant1



Band Edge NVNT n20 5745MHz Low Ant1



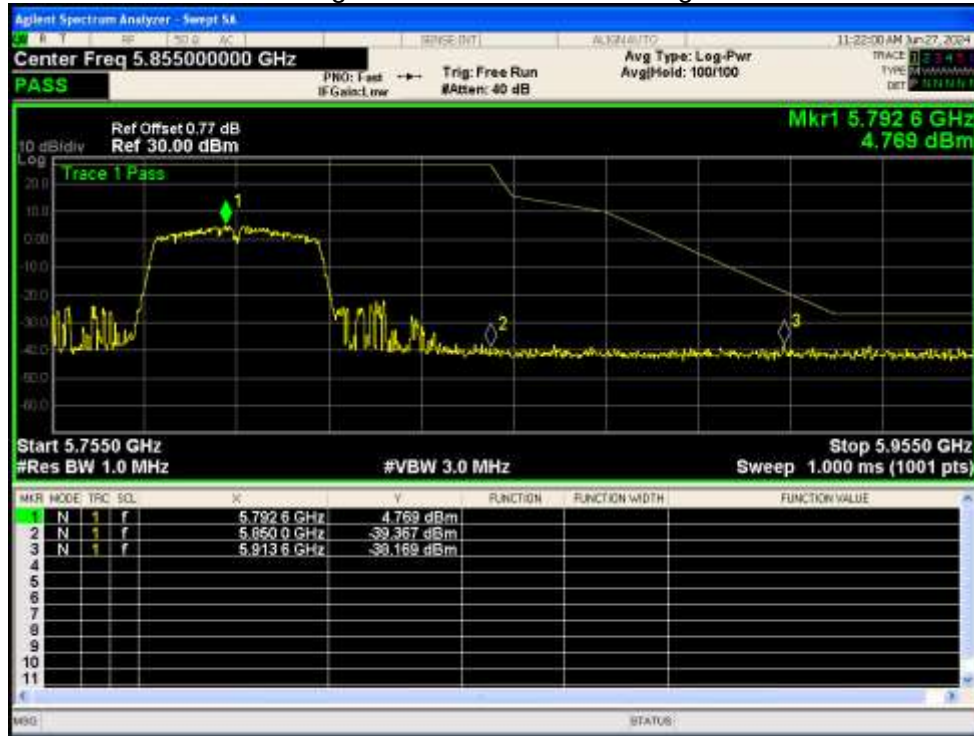
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



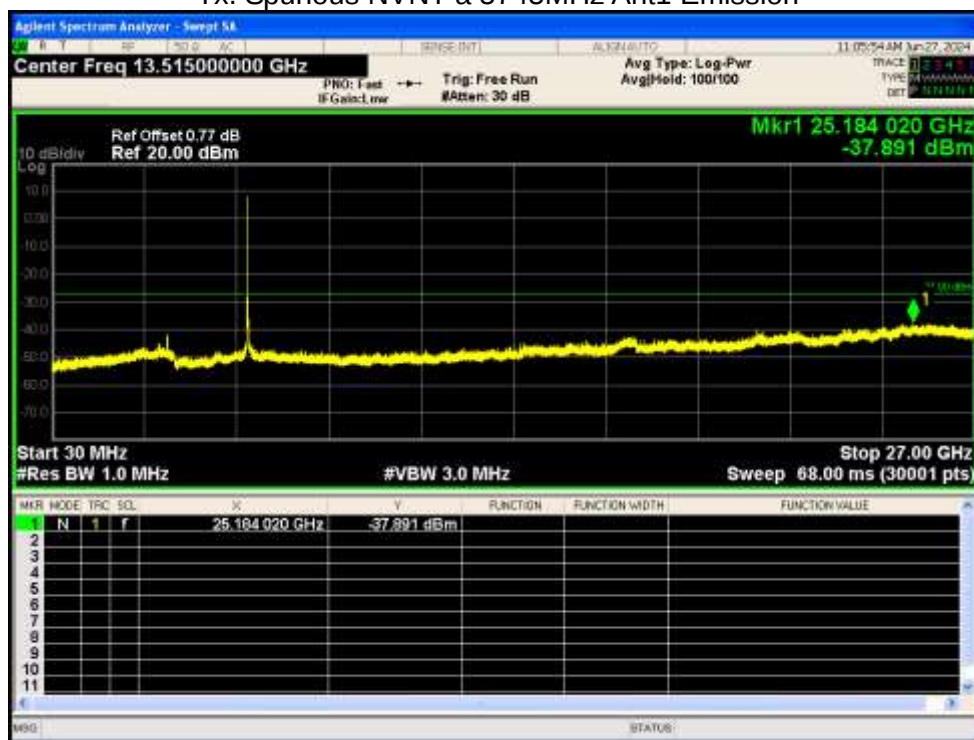
Band Edge NVNT n40 5795MHz High Ant1



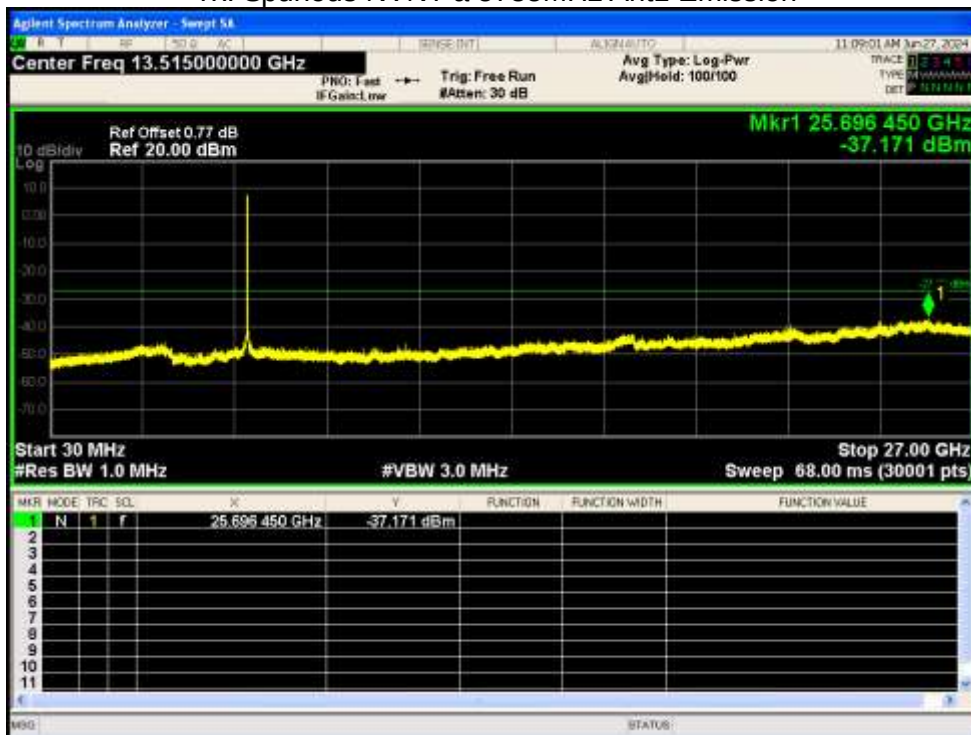
5.2.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-37.89	-27	Pass
NVNT	a	5785	Ant1	-37.17	-27	Pass
NVNT	a	5825	Ant1	-37.11	-27	Pass
NVNT	ac20	5745	Ant1	-37.48	-27	Pass
NVNT	ac20	5785	Ant1	-37.04	-27	Pass
NVNT	ac20	5825	Ant1	-36.43	-27	Pass
NVNT	ac40	5755	Ant1	-36.77	-27	Pass
NVNT	ac40	5795	Ant1	-37.29	-27	Pass
NVNT	ac80	5775	Ant1	-37.08	-27	Pass
NVNT	n20	5745	Ant1	-37.36	-27	Pass
NVNT	n20	5785	Ant1	-37.48	-27	Pass
NVNT	n20	5825	Ant1	-37.16	-27	Pass
NVNT	n40	5755	Ant1	-37.06	-27	Pass
NVNT	n40	5795	Ant1	-35.67	-27	Pass

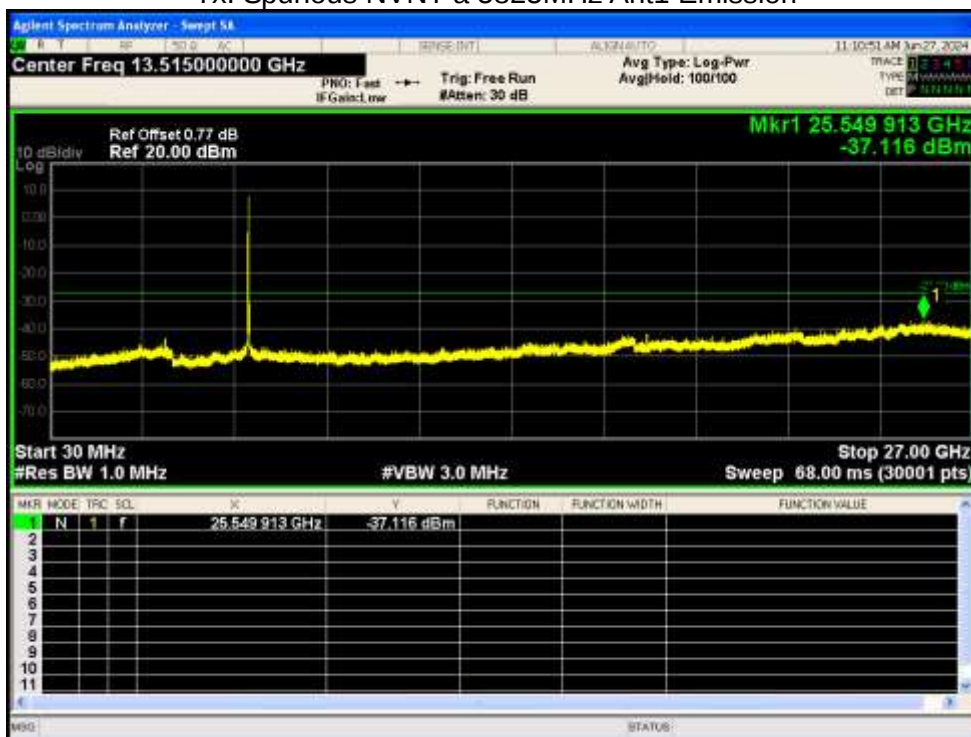
Tx. Spurious NVNT a 5745MHz Ant1 Emission



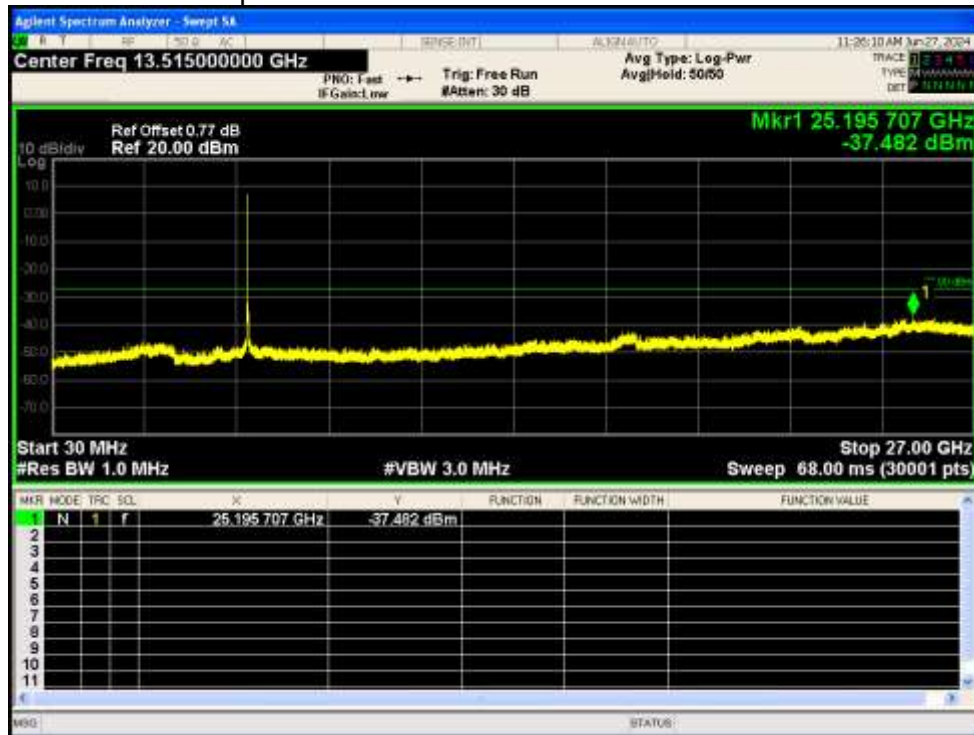
Tx. Spurious NVNT a 5785MHz Ant1 Emission



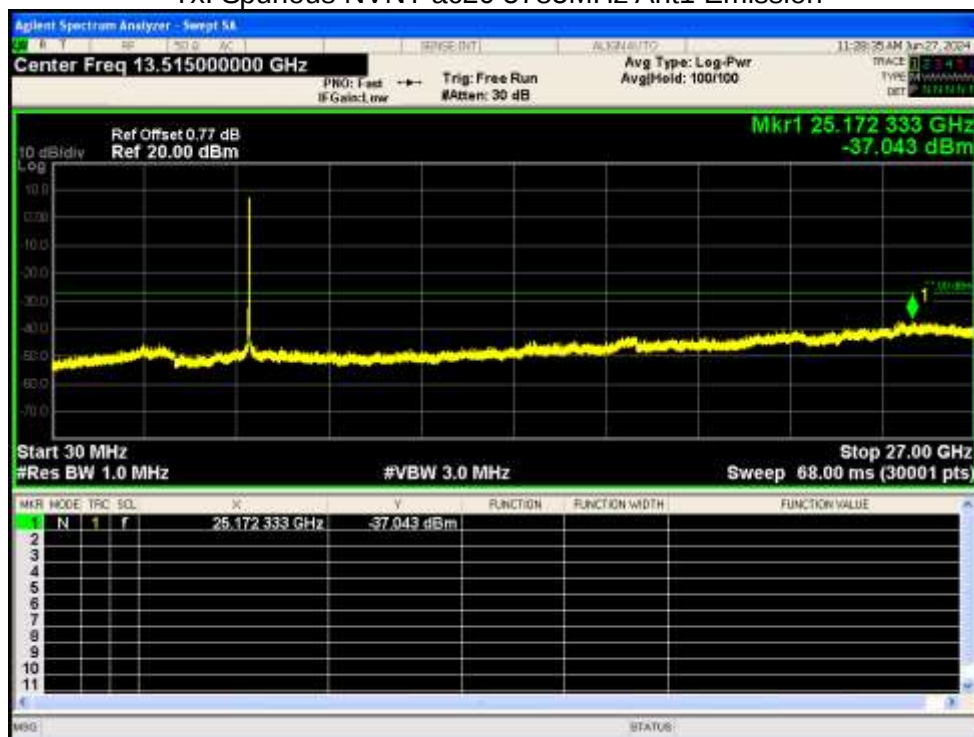
Tx. Spurious NVNT a 5825MHz Ant1 Emission



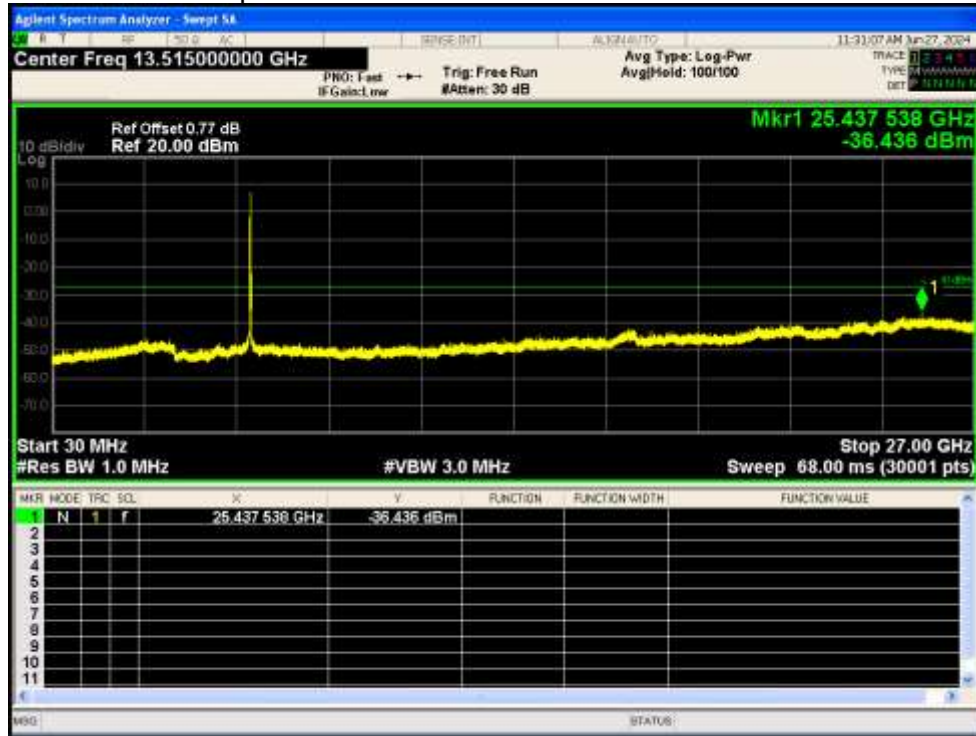
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



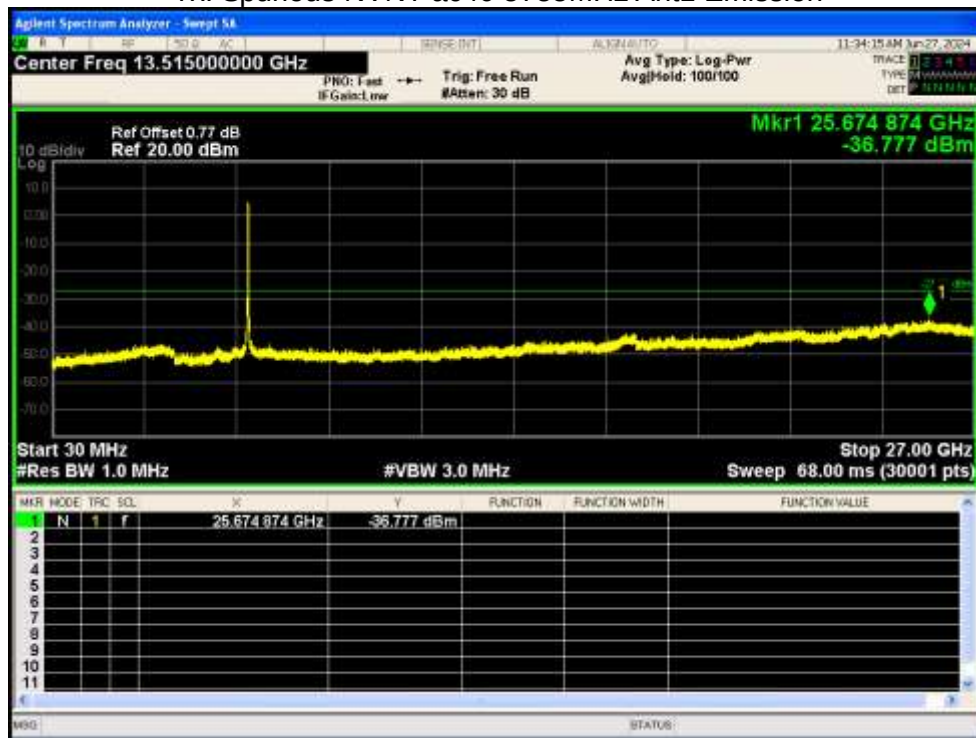
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



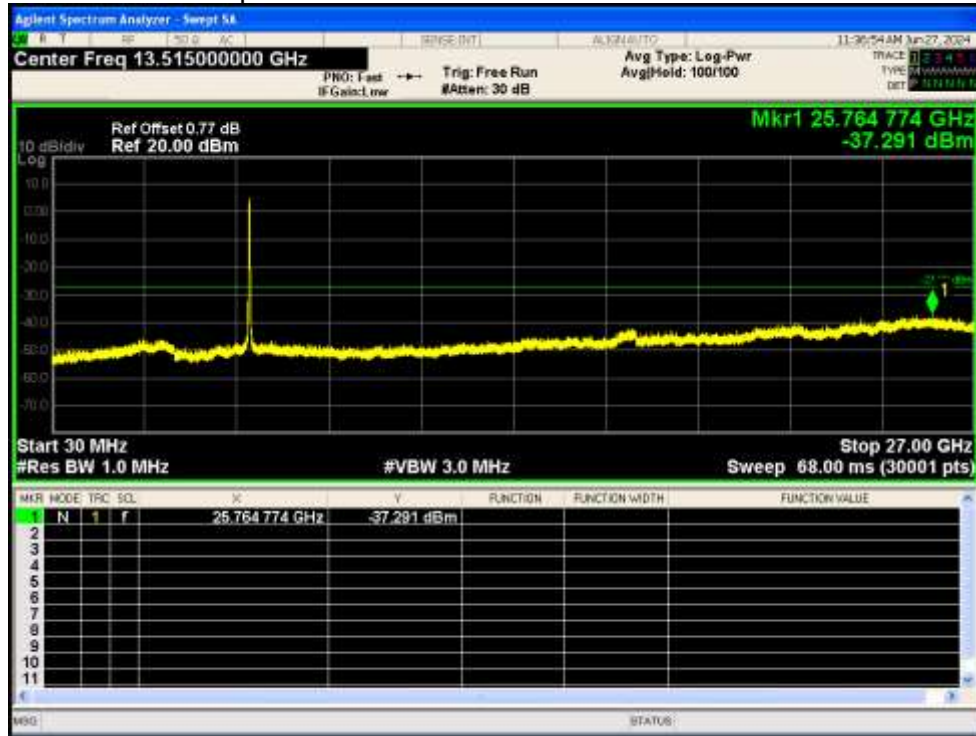
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



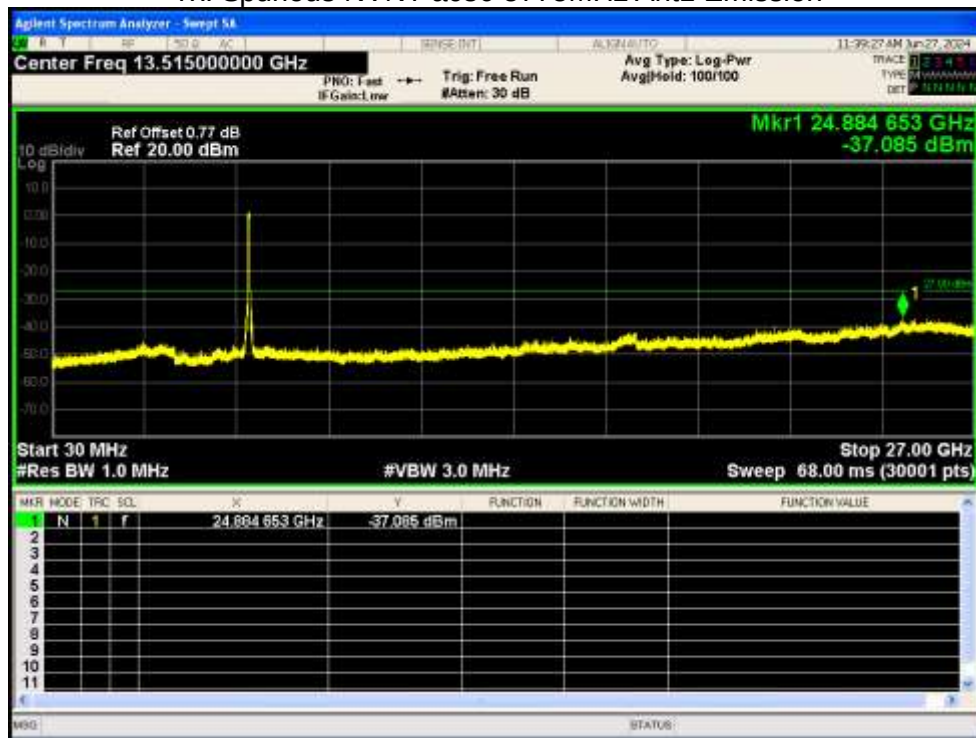
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



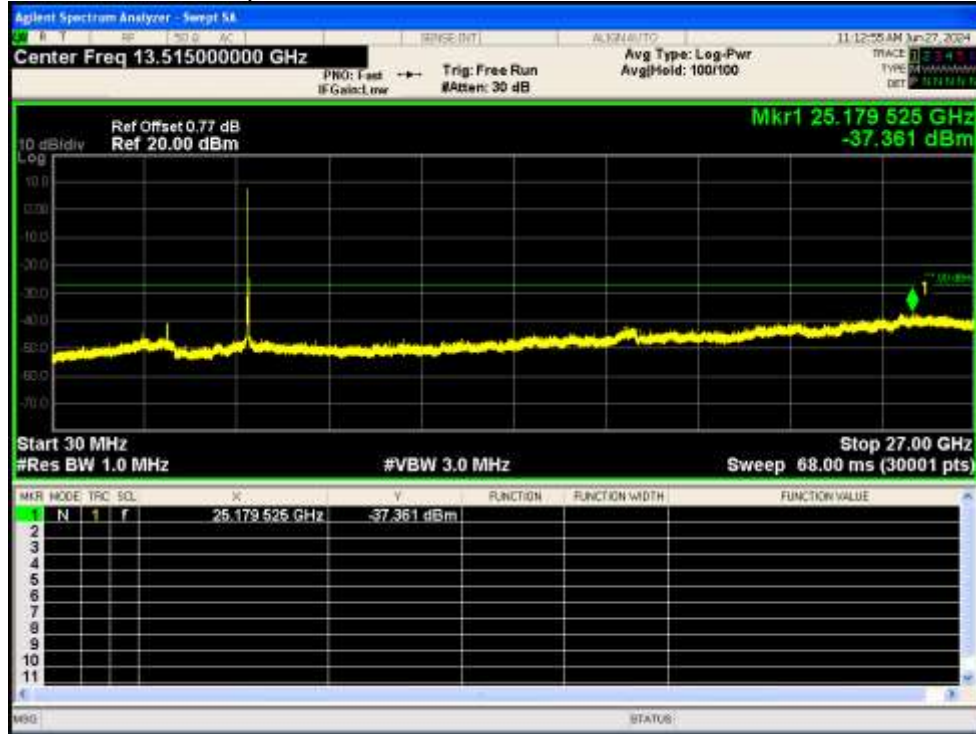
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



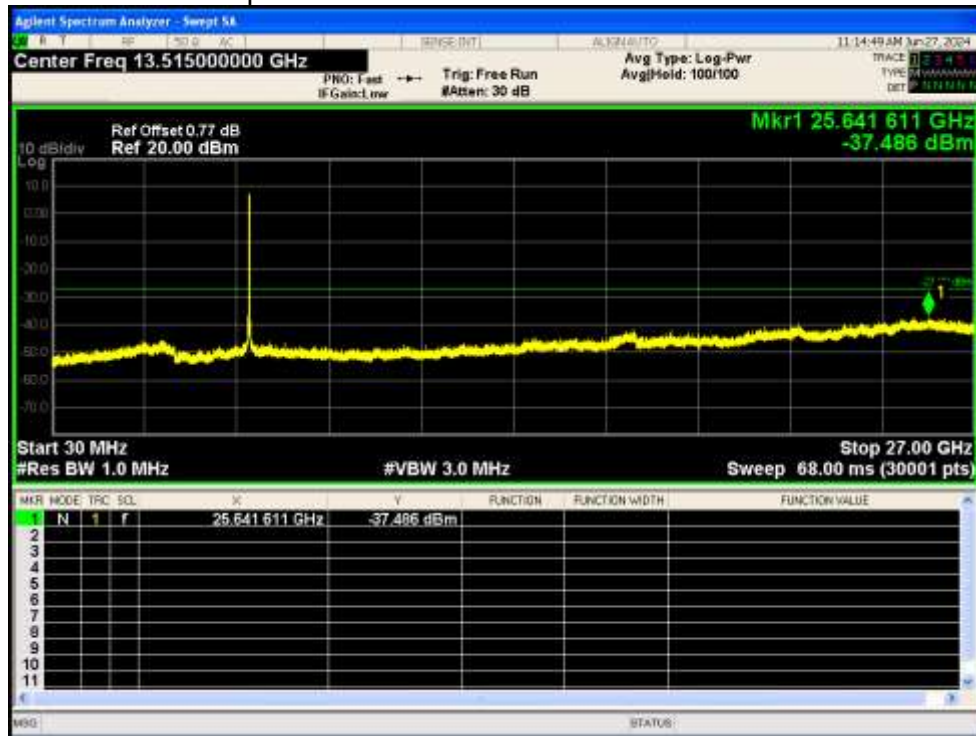
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



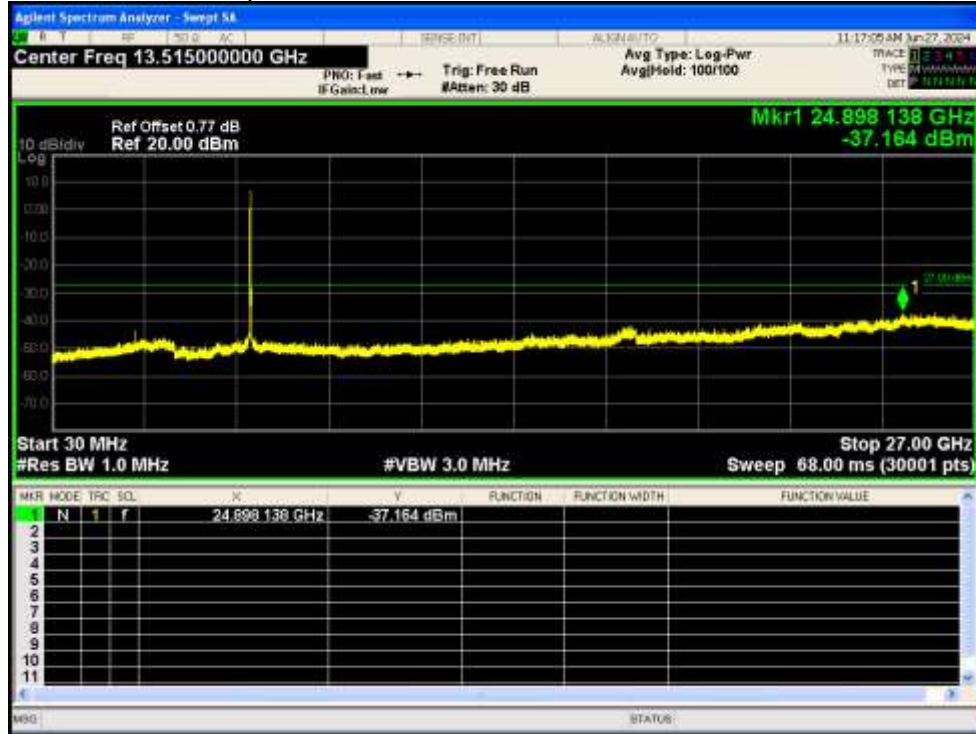
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



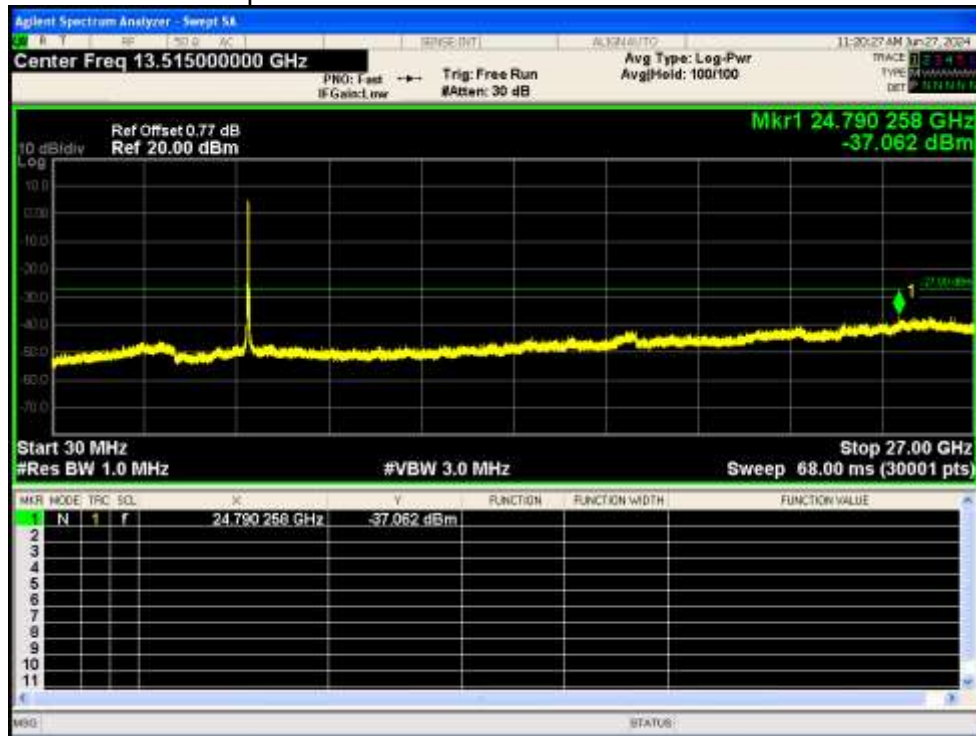
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



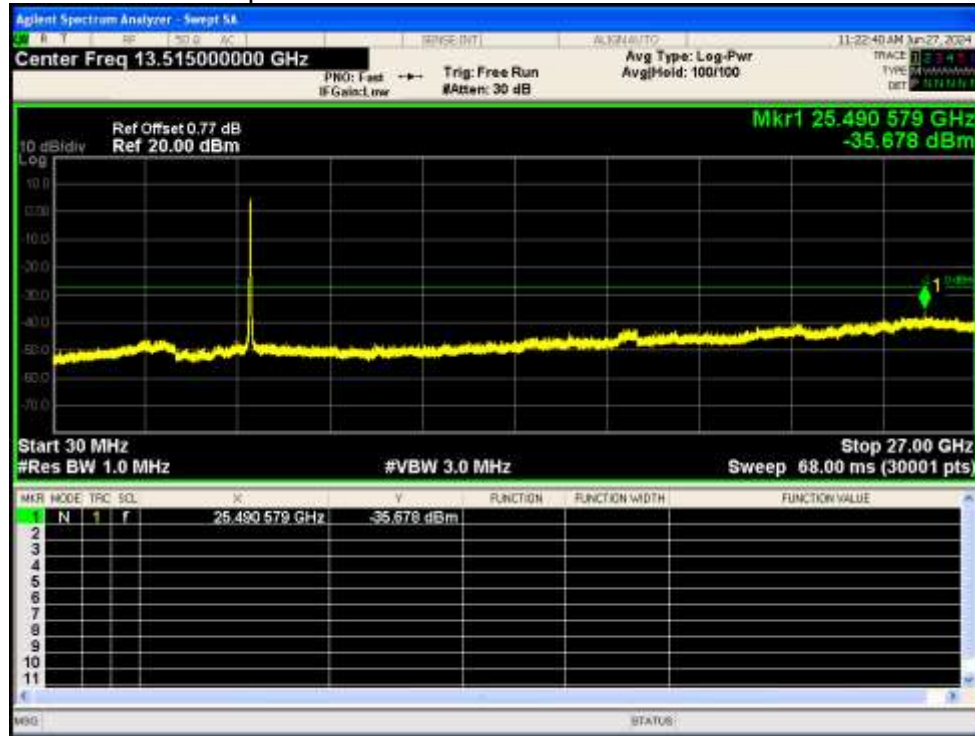
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



END OF REPORT