

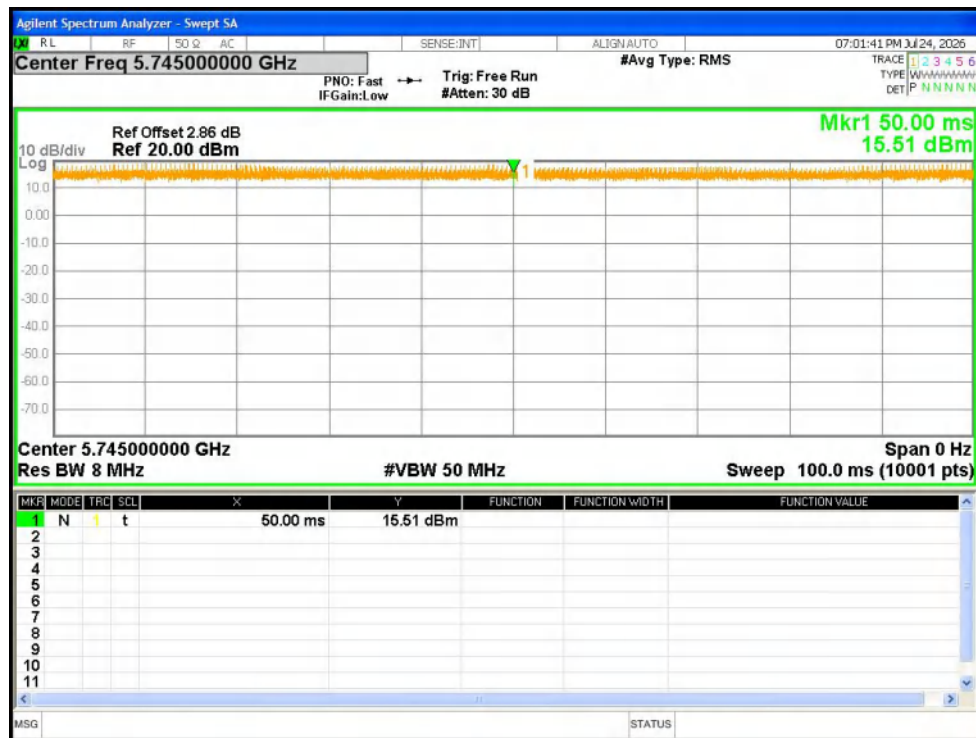
Shenzhen Liandianchuang Technology Co., Ltd

Model: M1D

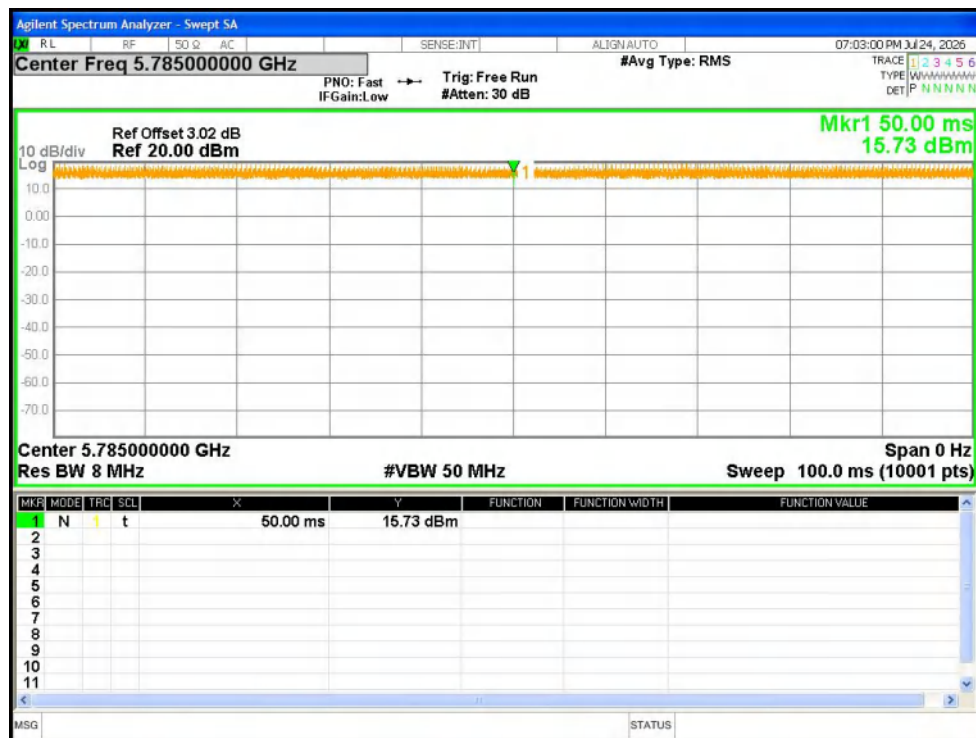
FCC ID: 2BXGP-M1D

1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	100	0	0
NVNT	a	5785	Ant1	100	0	0
NVNT	a	5825	Ant1	100	0	0
NVNT	n20	5745	Ant1	100	0	0
NVNT	n20	5785	Ant1	100	0	0
NVNT	n20	5825	Ant1	100	0	0
NVNT	n40	5755	Ant1	100	0	0
NVNT	n40	5795	Ant1	100	0	0
NVNT	ac20	5745	Ant1	100	0	0
NVNT	ac20	5785	Ant1	100	0	0
NVNT	ac20	5825	Ant1	100	0	0
NVNT	ac40	5755	Ant1	100	0	0
NVNT	ac40	5795	Ant1	100	0	0

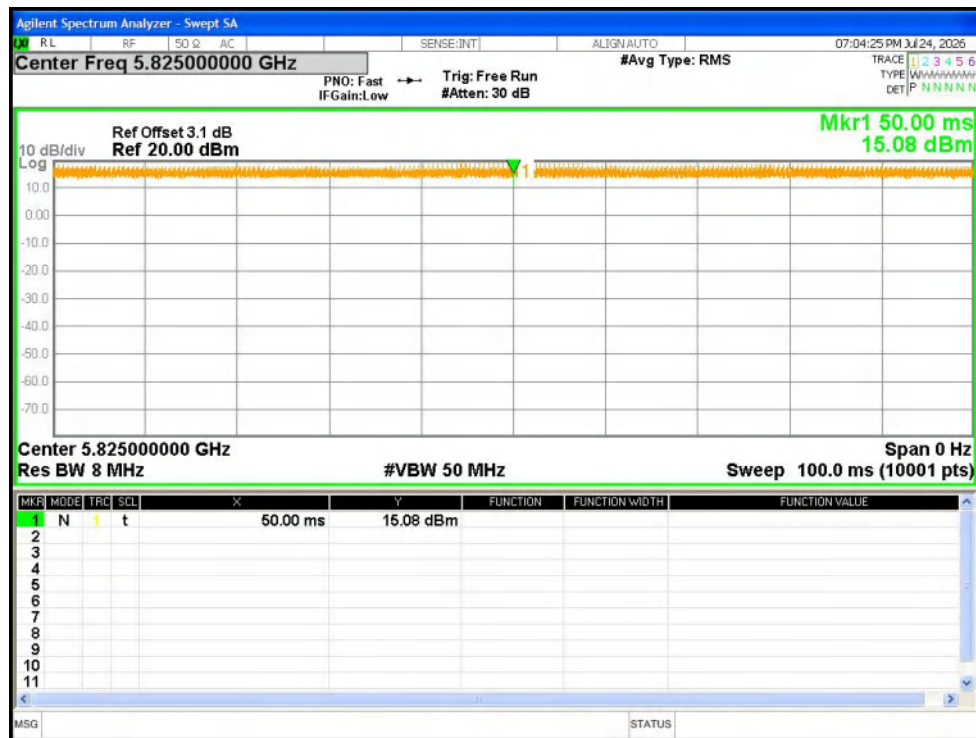


Duty Cycle NVNT a 5745MHz Ant1

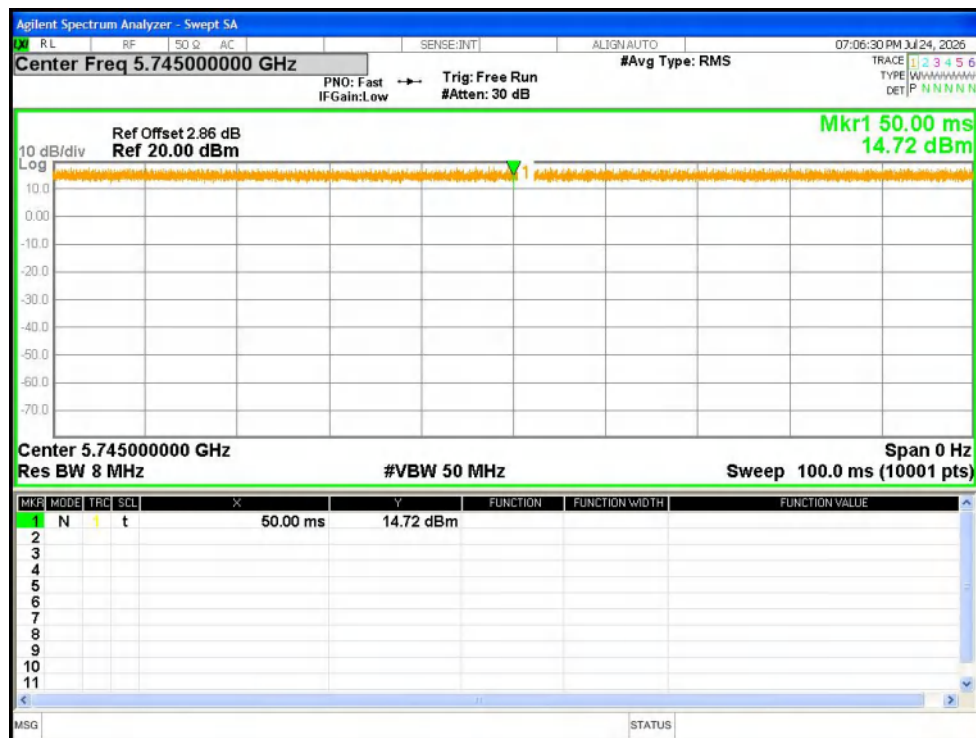


Duty Cycle NVNT a 5785MHz Ant1

Report

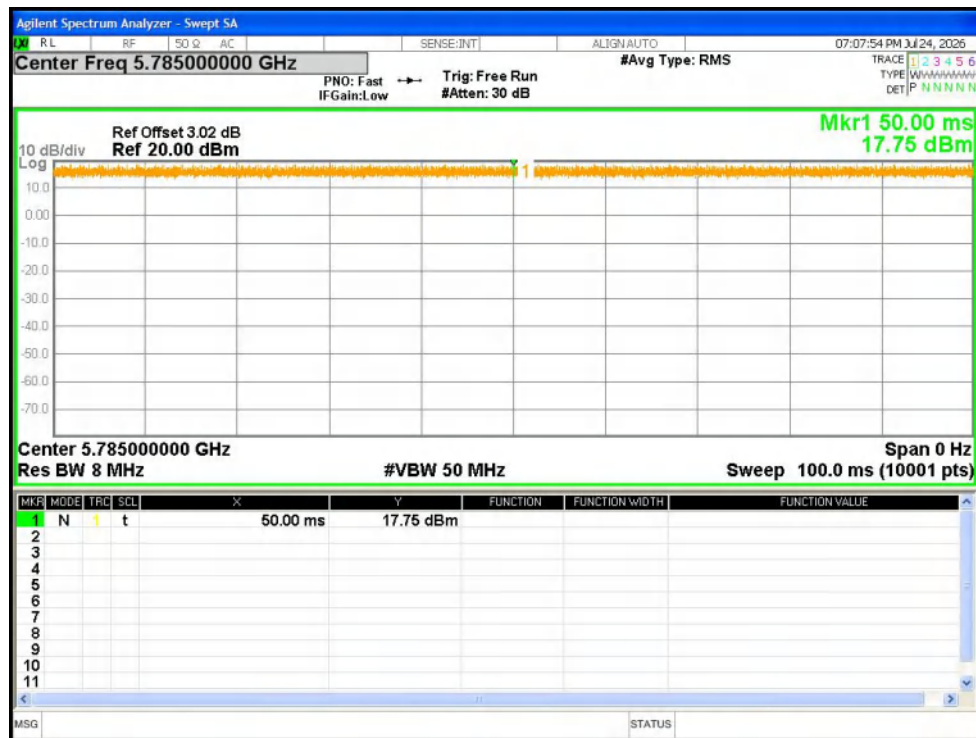


Duty Cycle NVNT a 5825MHz Ant1

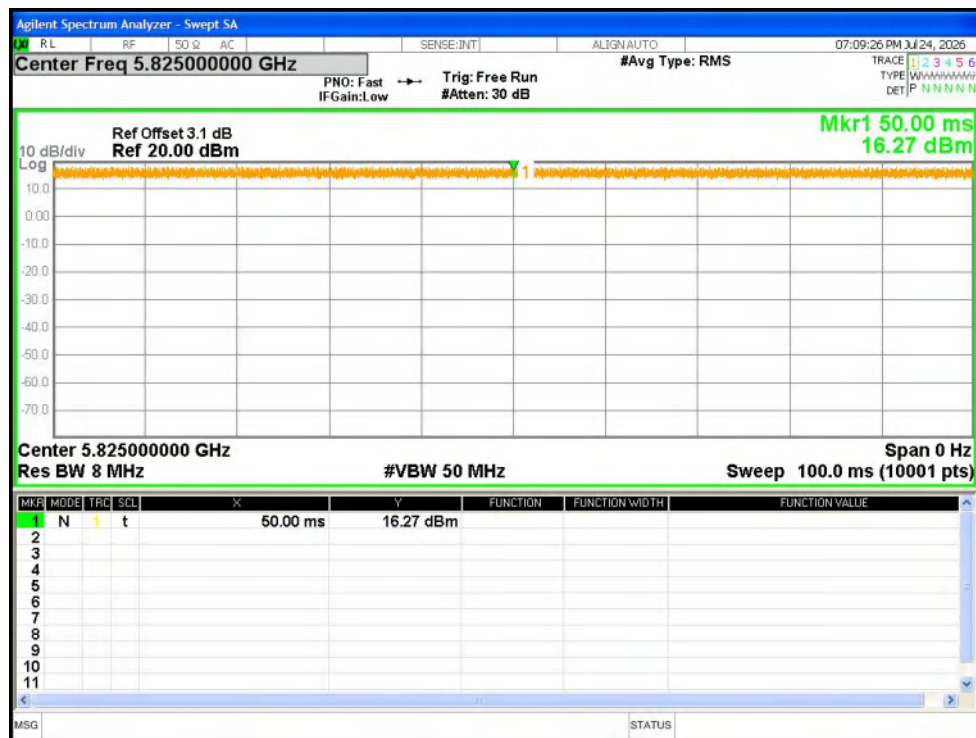


Duty Cycle NVNT n20 5745MHz Ant1

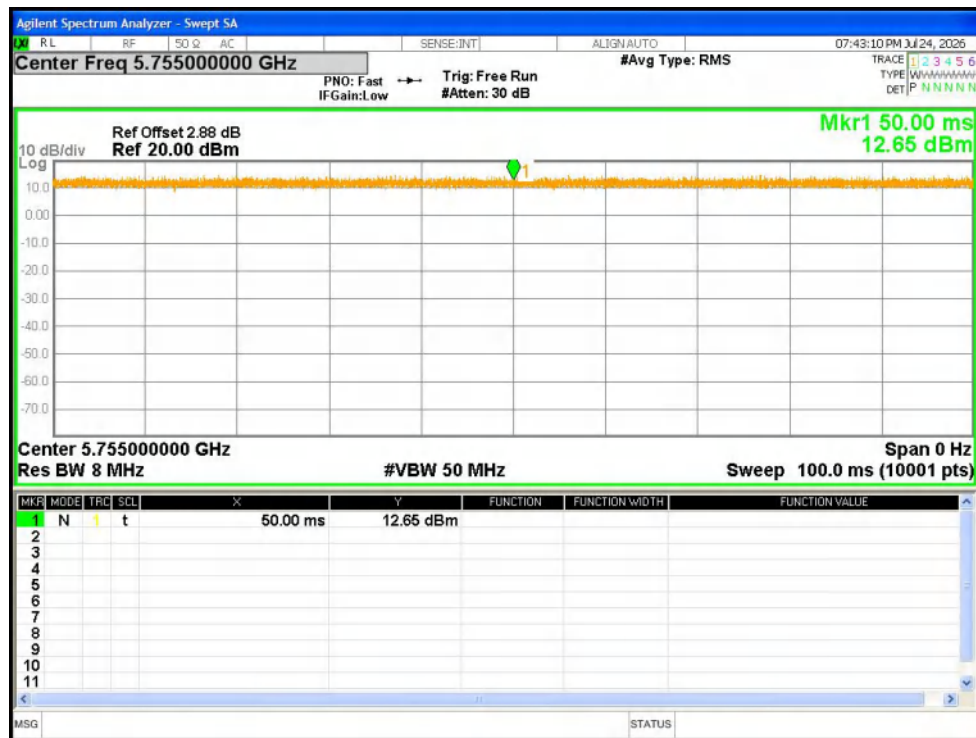
Report



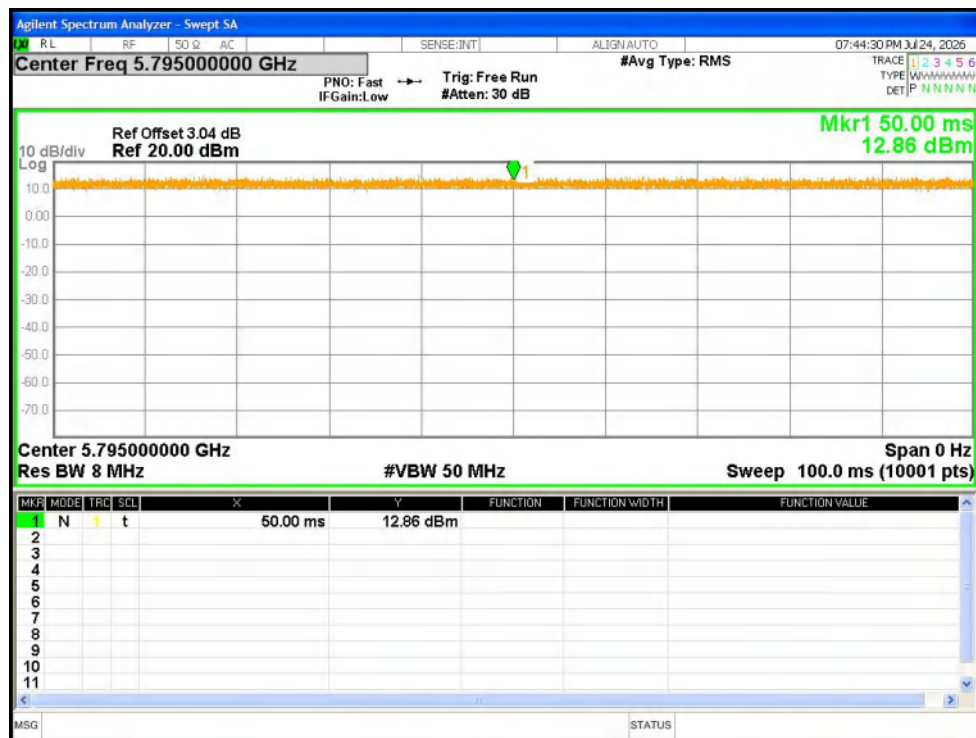
Duty Cycle NVNT n20 5785MHz Ant1



Duty Cycle NVNT n20 5825MHz Ant1

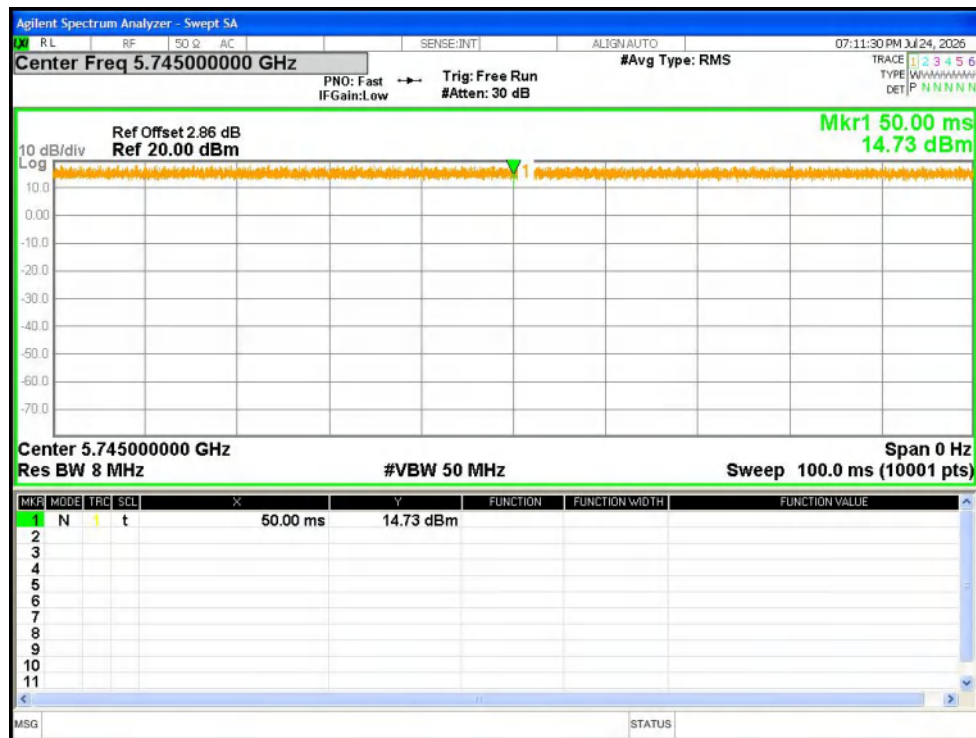


Duty Cycle NVNT n40 5755MHz Ant1

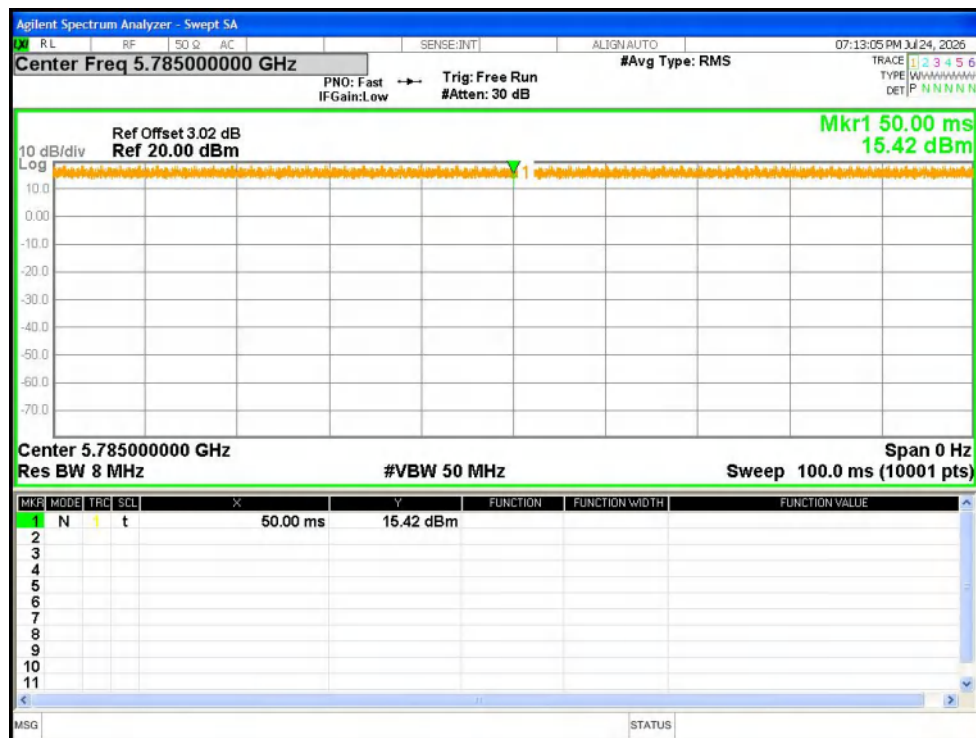


Duty Cycle NVNT n40 5795MHz Ant1

Report

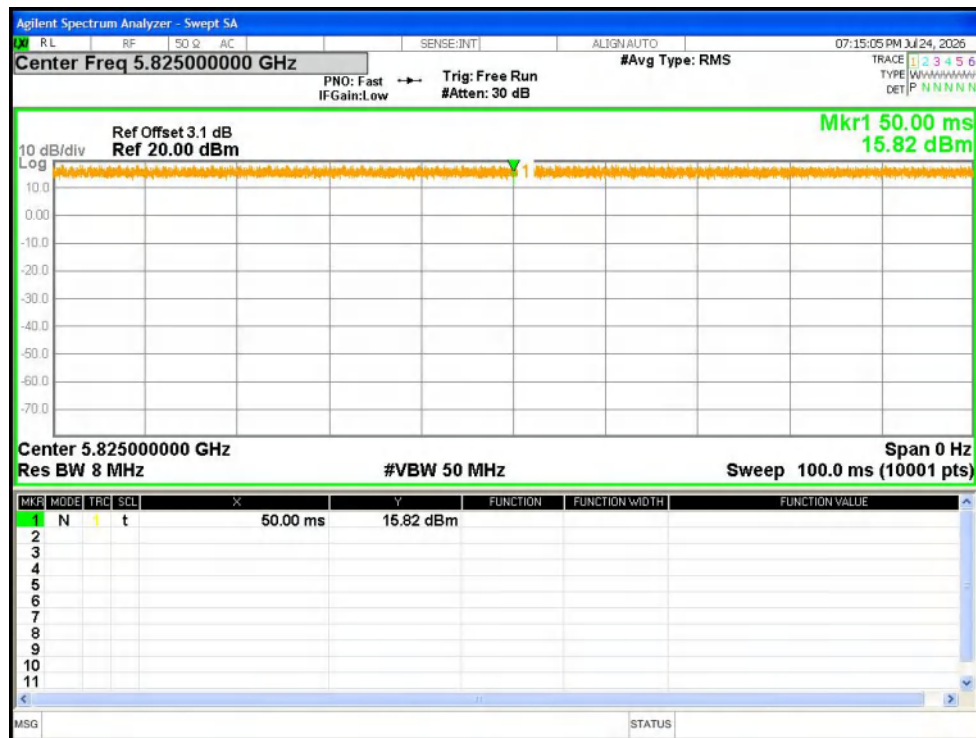


Duty Cycle NVNT ac20 5745MHz Ant1

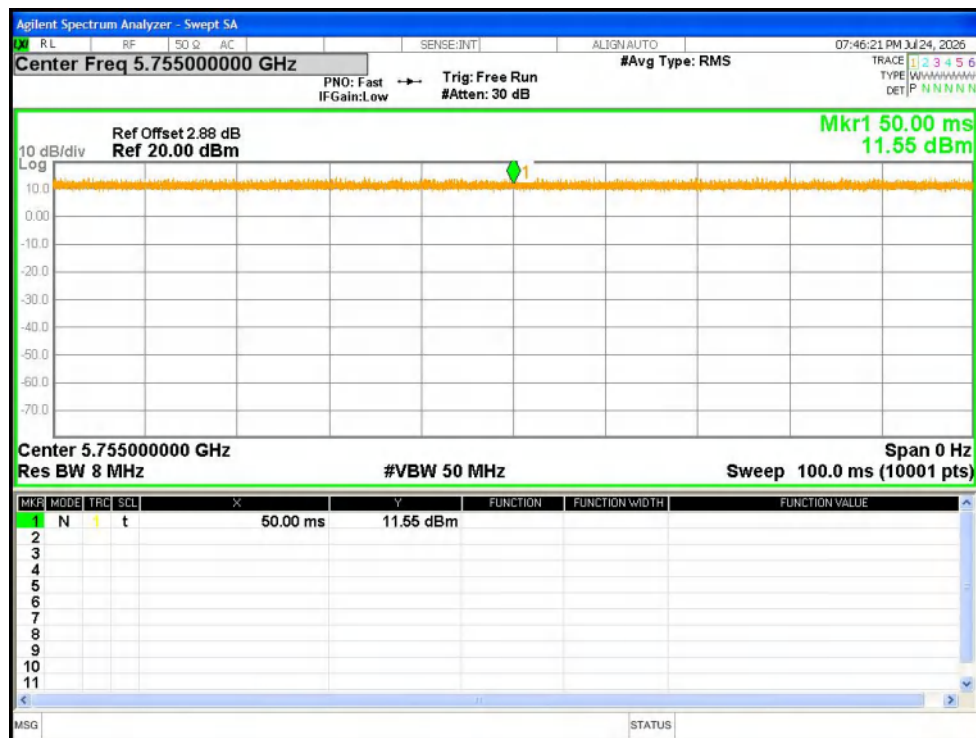


Duty Cycle NVNT ac20 5785MHz Ant1

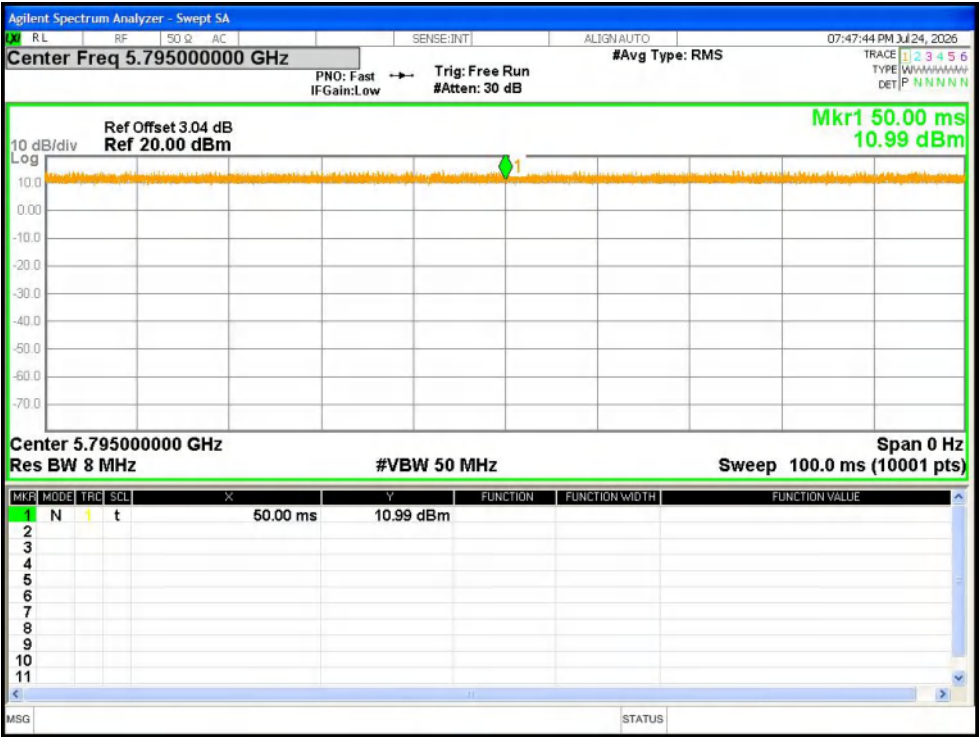
Report



Duty Cycle NVNT ac20 5825MHz Ant1



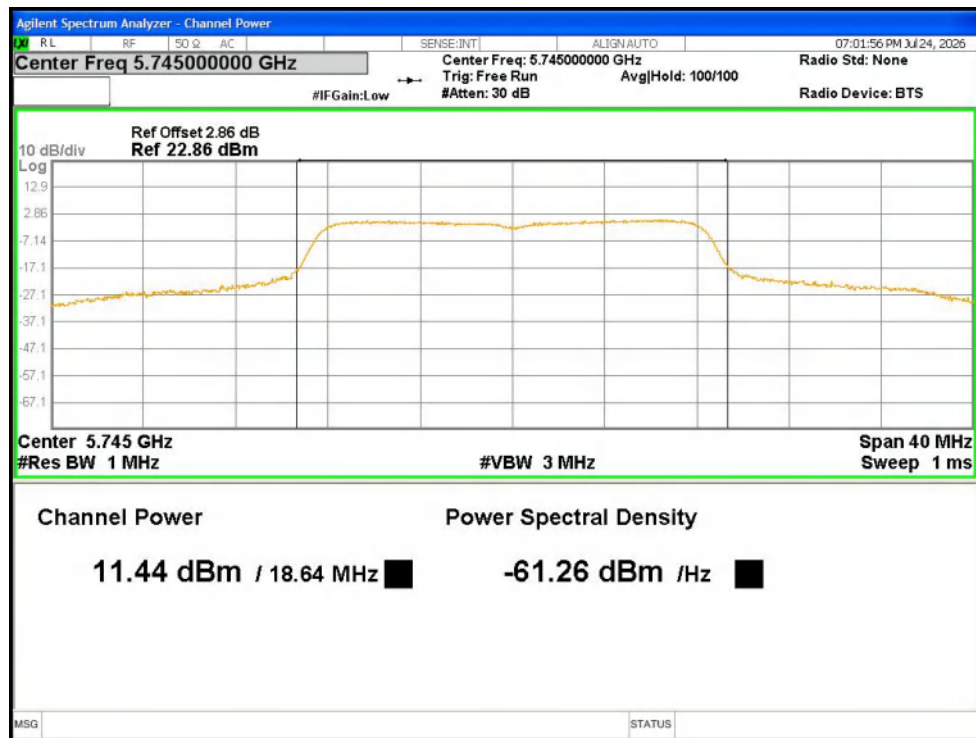
Duty Cycle NVNT ac40 5755MHz Ant1



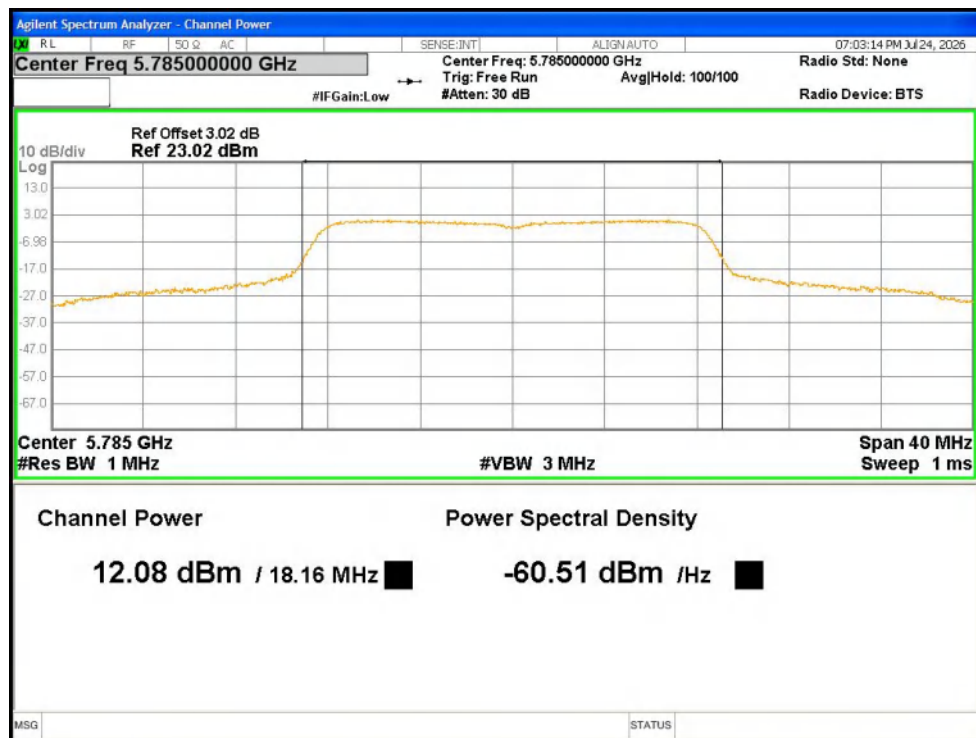
Duty Cycle NVNT ac40 5795MHz Ant1

2. Maximum Conducted Output Power

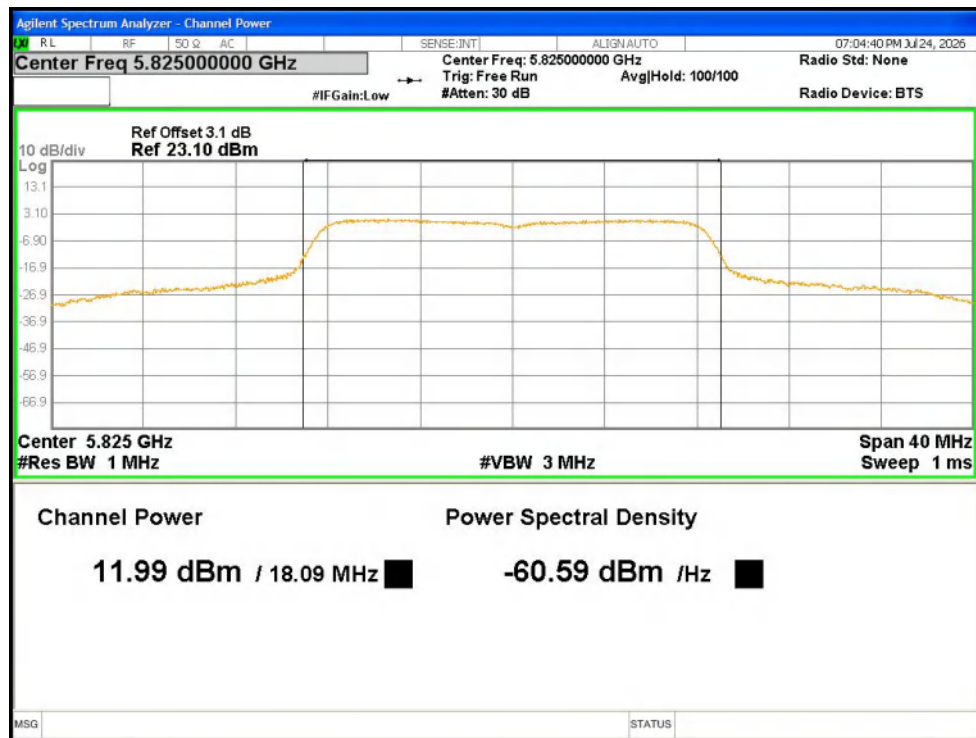
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.44	0	11.44	30	Pass
NVNT	a	5785	Ant1	12.08	0	12.08	30	Pass
NVNT	a	5825	Ant1	11.99	0	11.99	30	Pass
NVNT	n20	5745	Ant1	11.36	0	11.36	30	Pass
NVNT	n20	5785	Ant1	12.30	0	12.30	30	Pass
NVNT	n20	5825	Ant1	12.30	0	12.30	30	Pass
NVNT	n40	5755	Ant1	11.28	0	11.28	30	Pass
NVNT	n40	5795	Ant1	11.52	0	11.52	30	Pass
NVNT	ac20	5745	Ant1	11.72	0	11.72	30	Pass
NVNT	ac20	5785	Ant1	12.28	0	12.28	30	Pass
NVNT	ac20	5825	Ant1	12.26	0	12.26	30	Pass
NVNT	ac40	5755	Ant1	10.82	0	10.82	30	Pass
NVNT	ac40	5795	Ant1	11.35	0	11.35	30	Pass



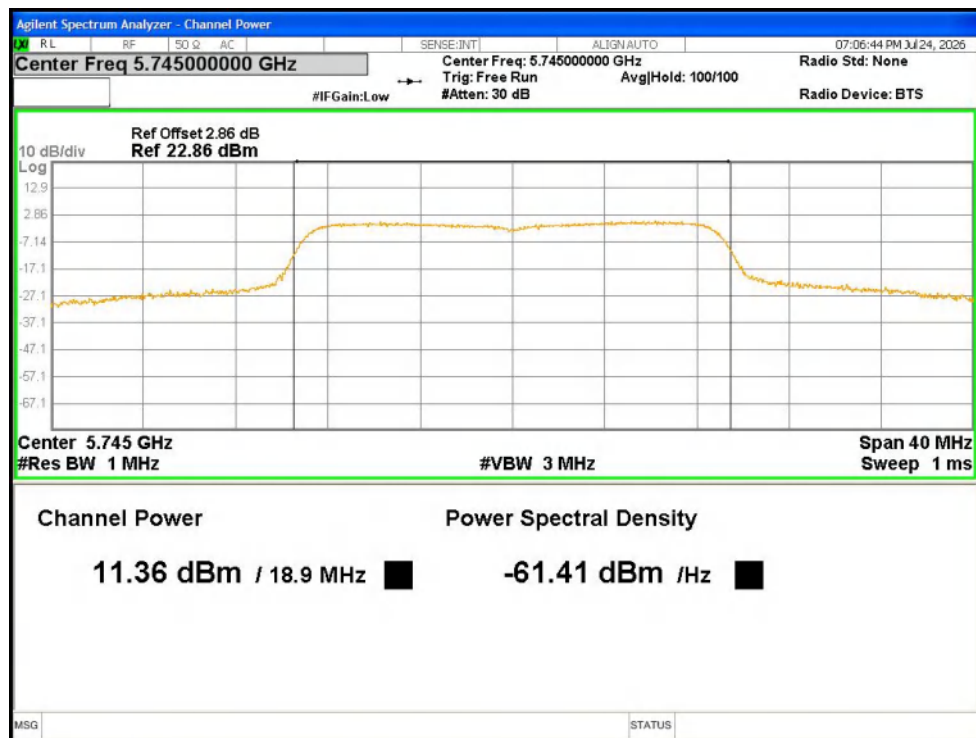
Power NVNT a 5745MHz Ant1



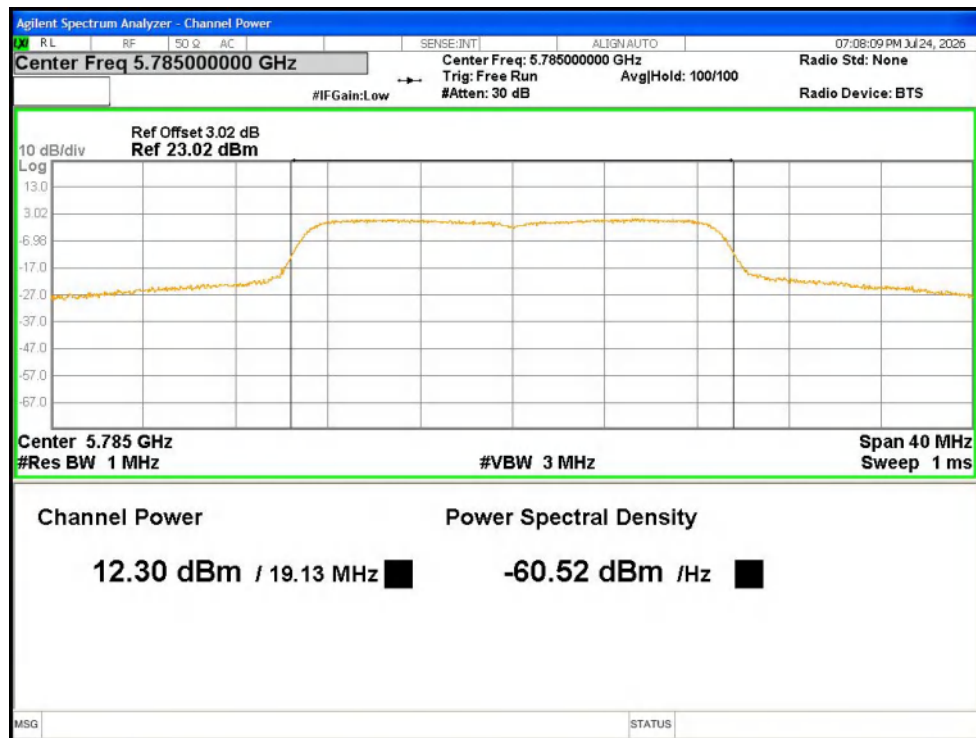
Power NVNT a 5785MHz Ant1



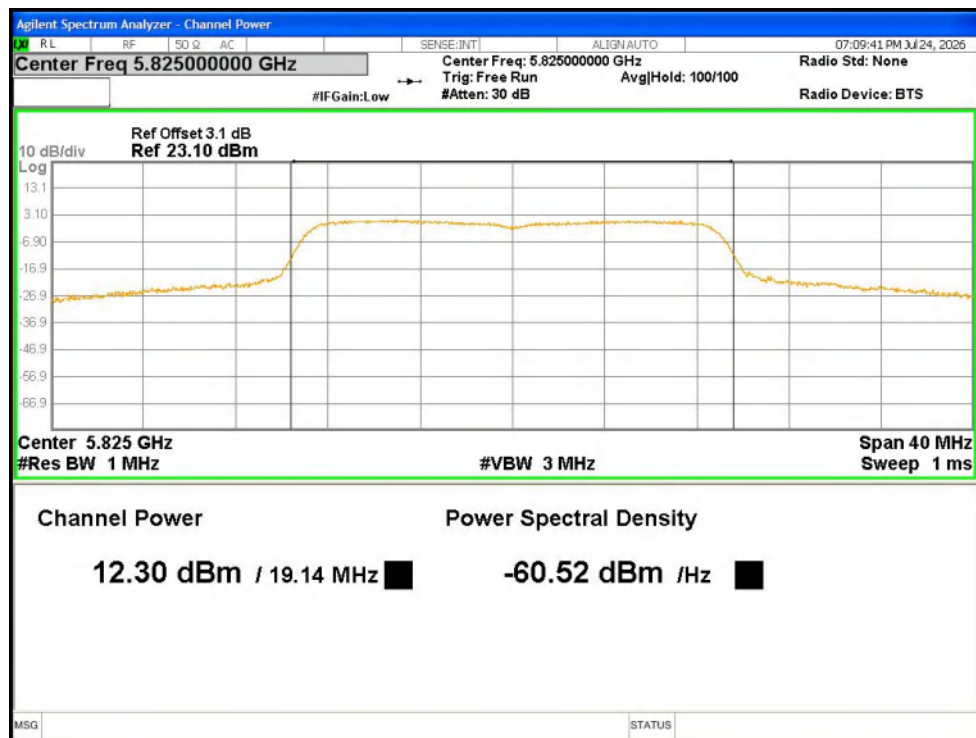
Power NVNT a 5825MHz Ant1



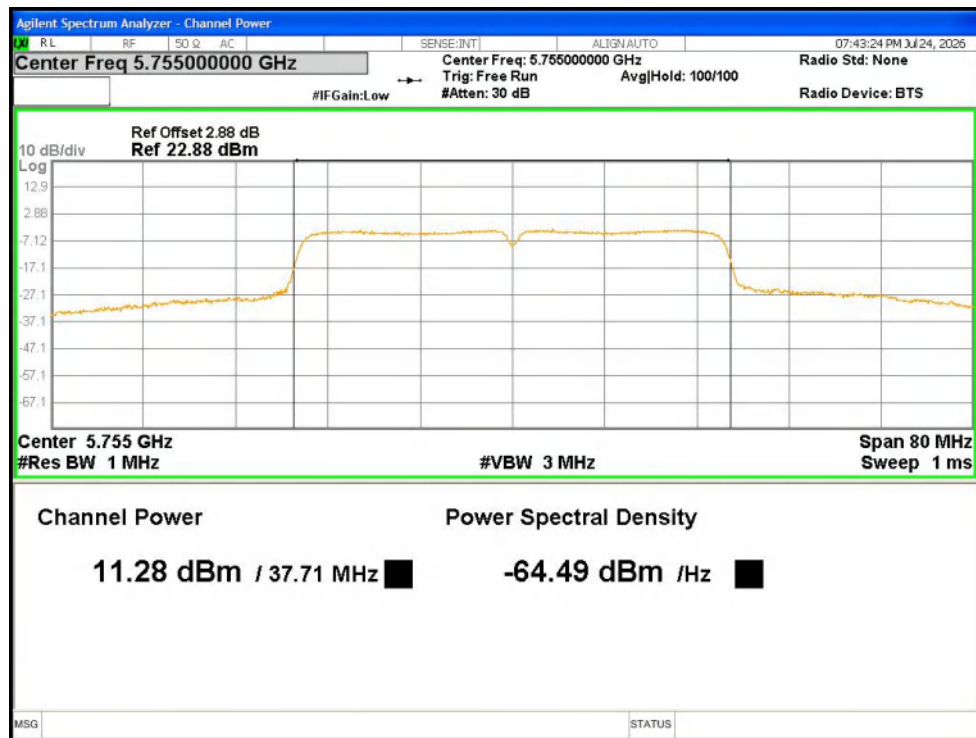
Power NVNT n20 5745MHz Ant1



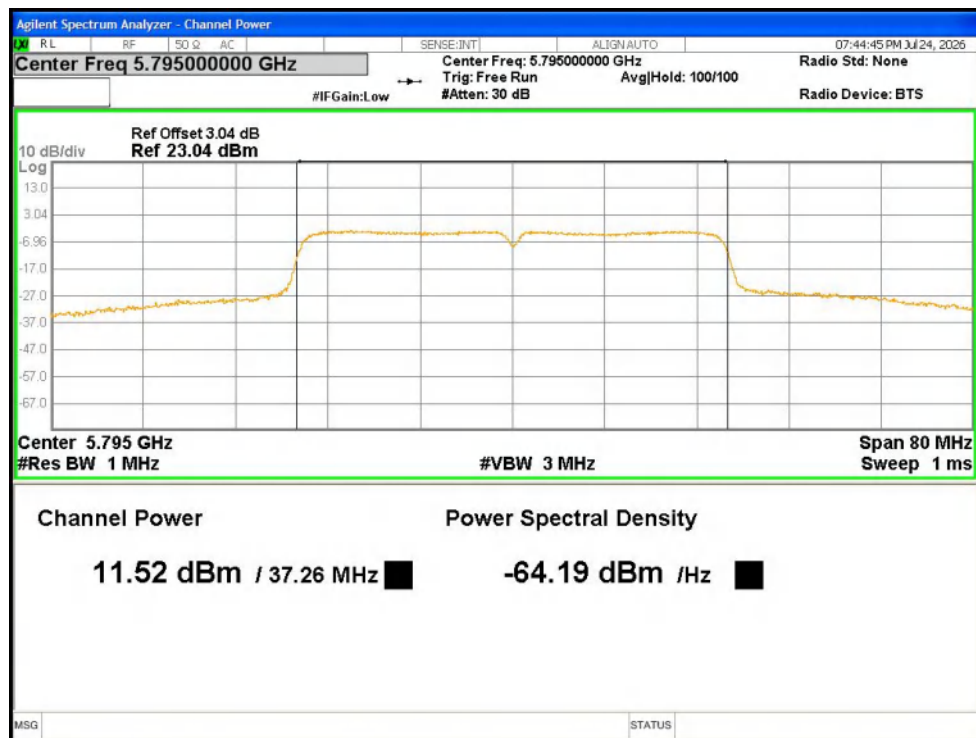
Power NVNT n20 5785MHz Ant1



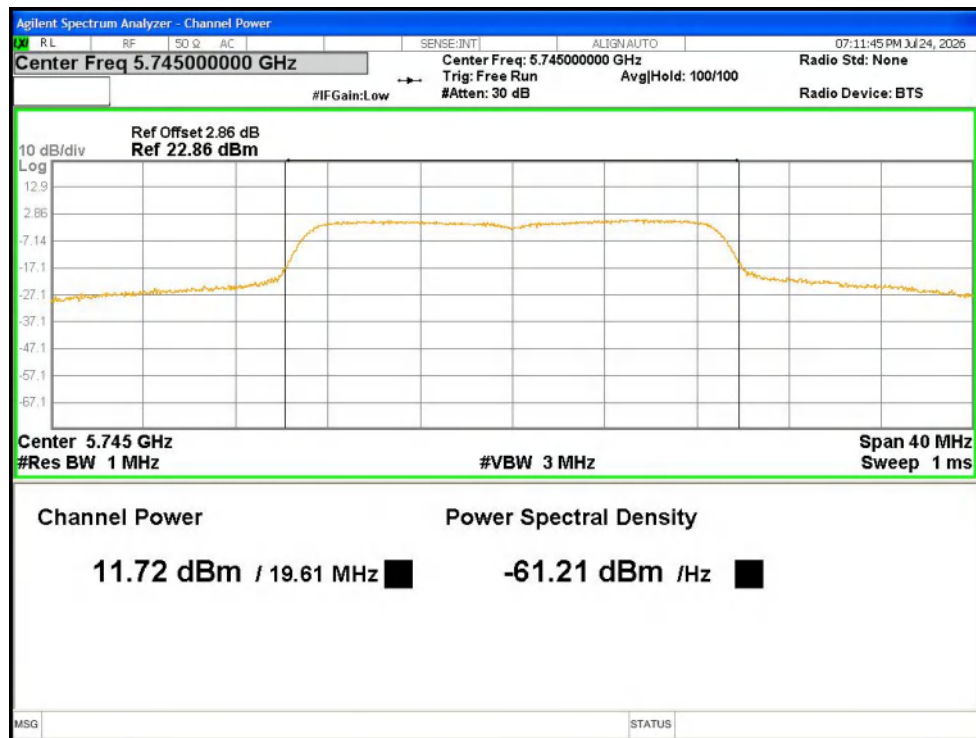
Power NVNT n20 5825MHz Ant1



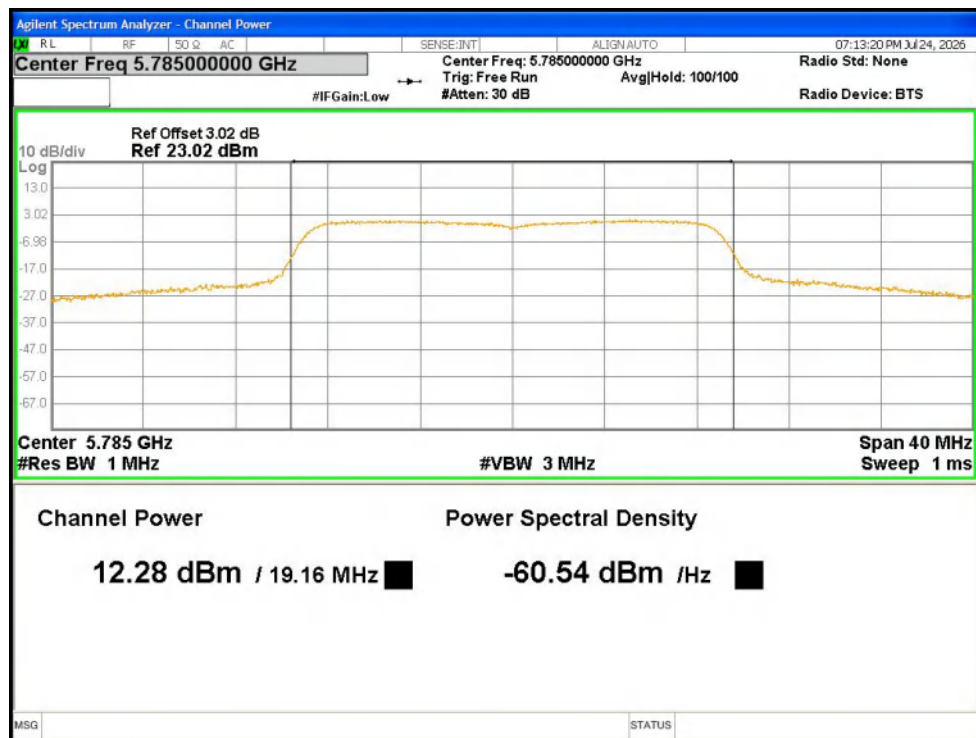
Power NVNT n40 5755MHz Ant1



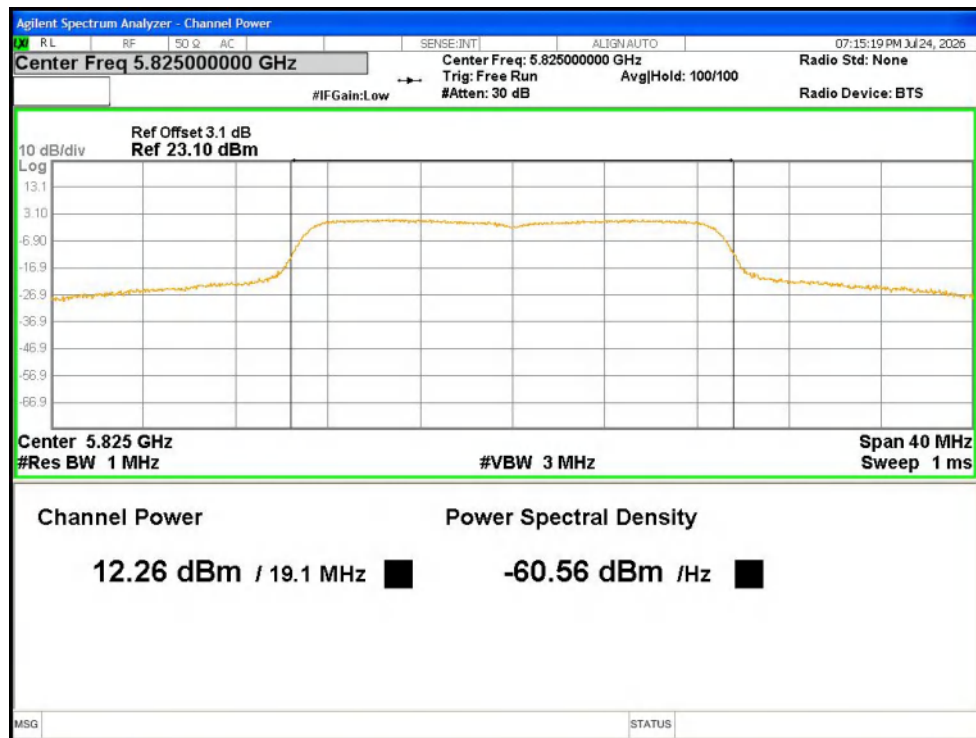
Power NVNT n40 5795MHz Ant1



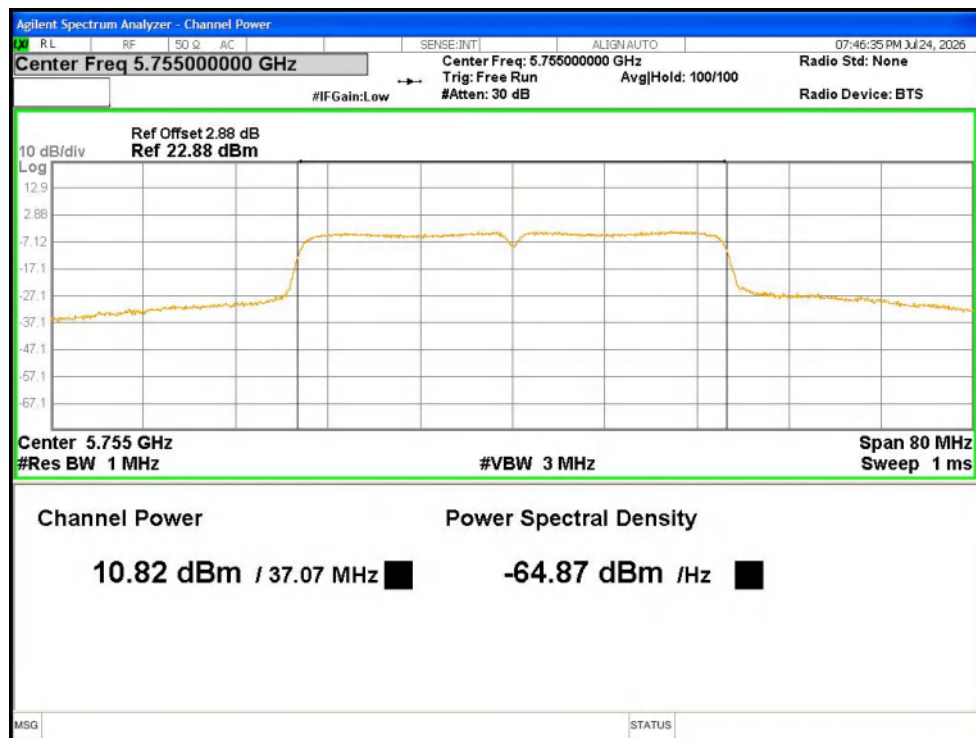
Power NVNT ac20 5745MHz Ant1



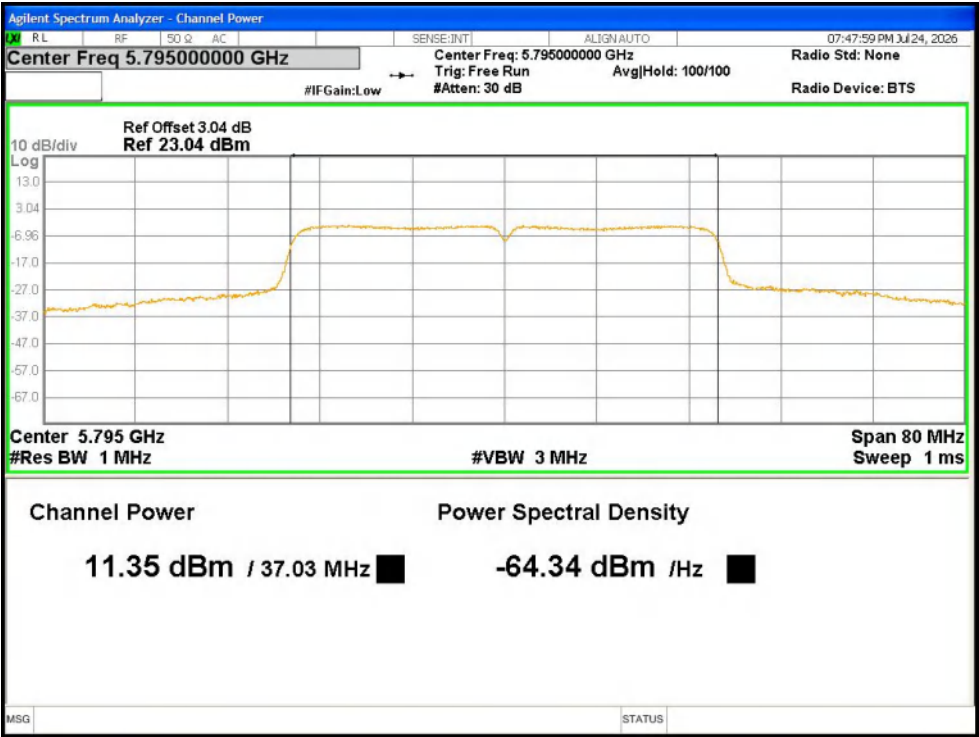
Power NVNT ac20 5785MHz Ant1



Power NVNT ac20 5825MHz Ant1



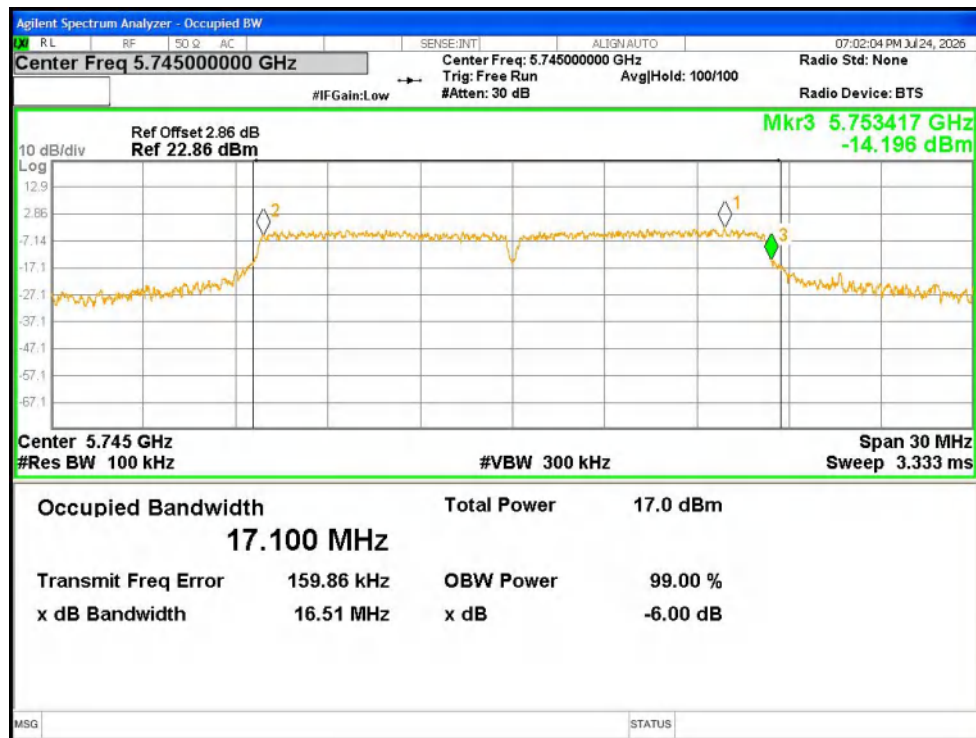
Power NVNT ac40 5755MHz Ant1



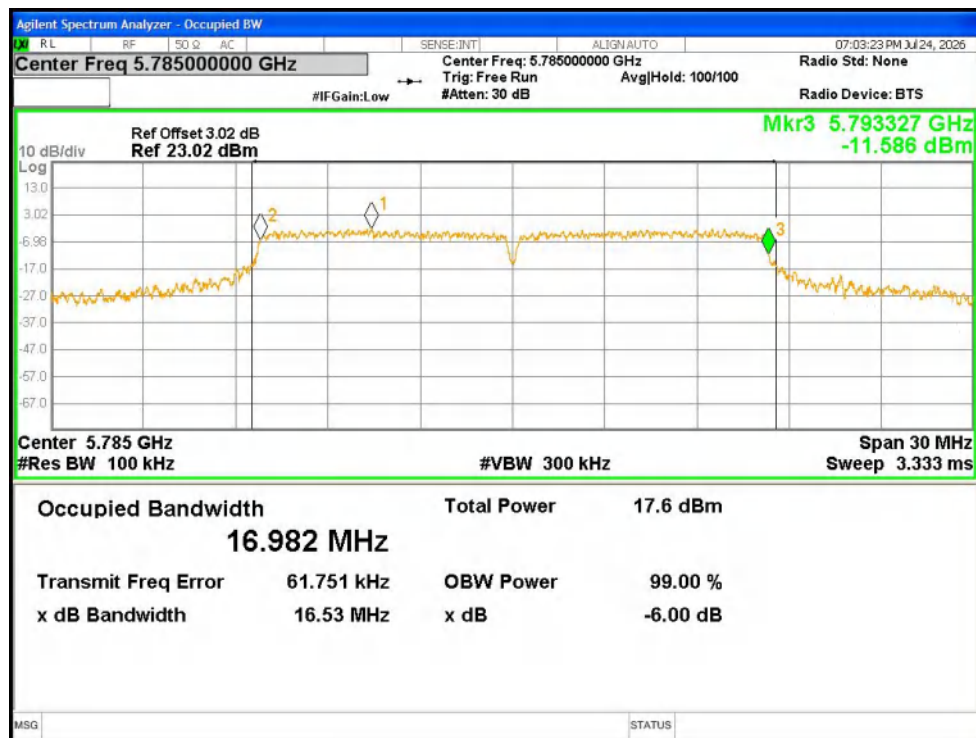
Power NVNT ac40 5795MHz Ant1

3. -6dB Bandwidth

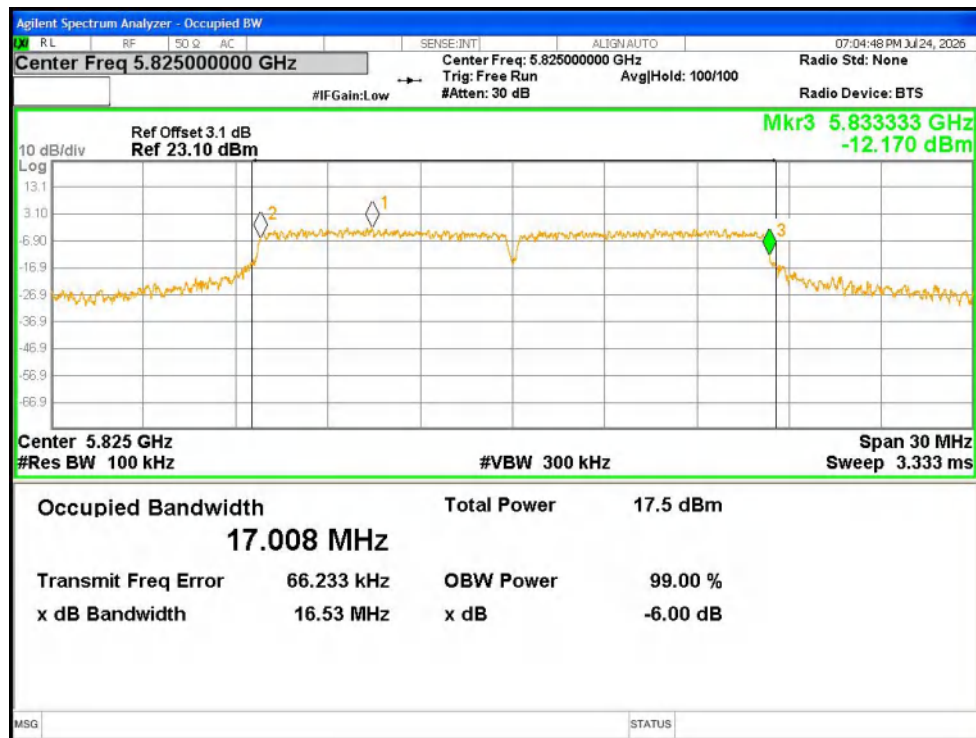
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.513	0.5	Pass
NVNT	a	5785	Ant1	16.531	0.5	Pass
NVNT	a	5825	Ant1	16.533	0.5	Pass
NVNT	n20	5745	Ant1	17.732	0.5	Pass
NVNT	n20	5785	Ant1	17.752	0.5	Pass
NVNT	n20	5825	Ant1	17.674	0.5	Pass
NVNT	n40	5755	Ant1	36.462	0.5	Pass
NVNT	n40	5795	Ant1	36.432	0.5	Pass
NVNT	ac20	5745	Ant1	17.803	0.5	Pass
NVNT	ac20	5785	Ant1	17.794	0.5	Pass
NVNT	ac20	5825	Ant1	17.782	0.5	Pass
NVNT	ac40	5755	Ant1	36.425	0.5	Pass
NVNT	ac40	5795	Ant1	36.43	0.5	Pass



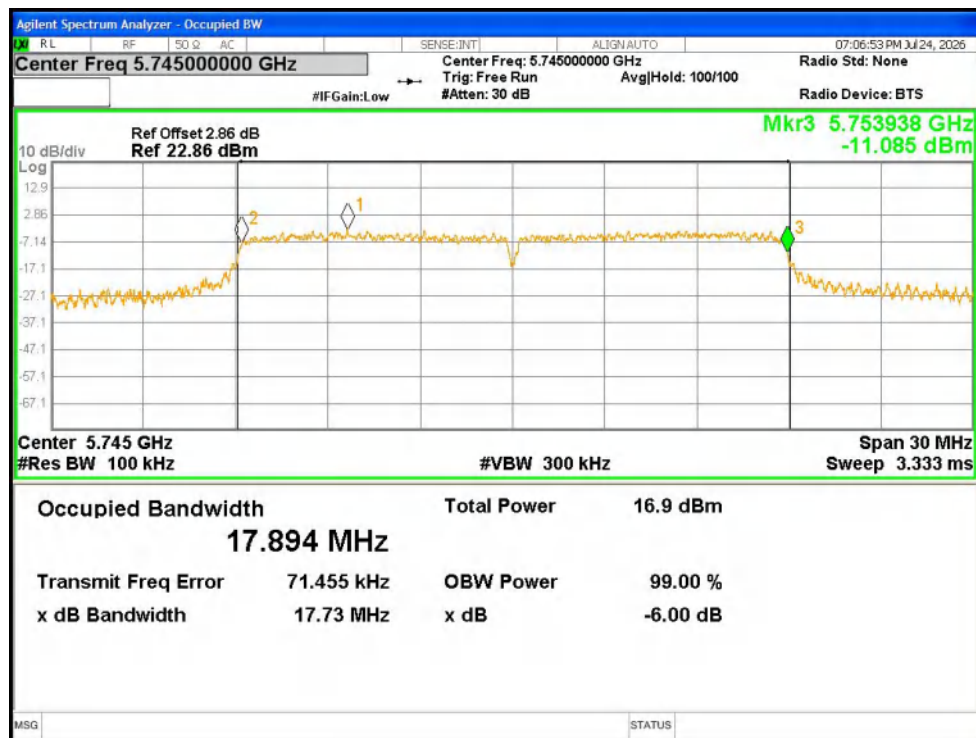
-6dB Bandwidth NVNT a 5745MHz Ant1



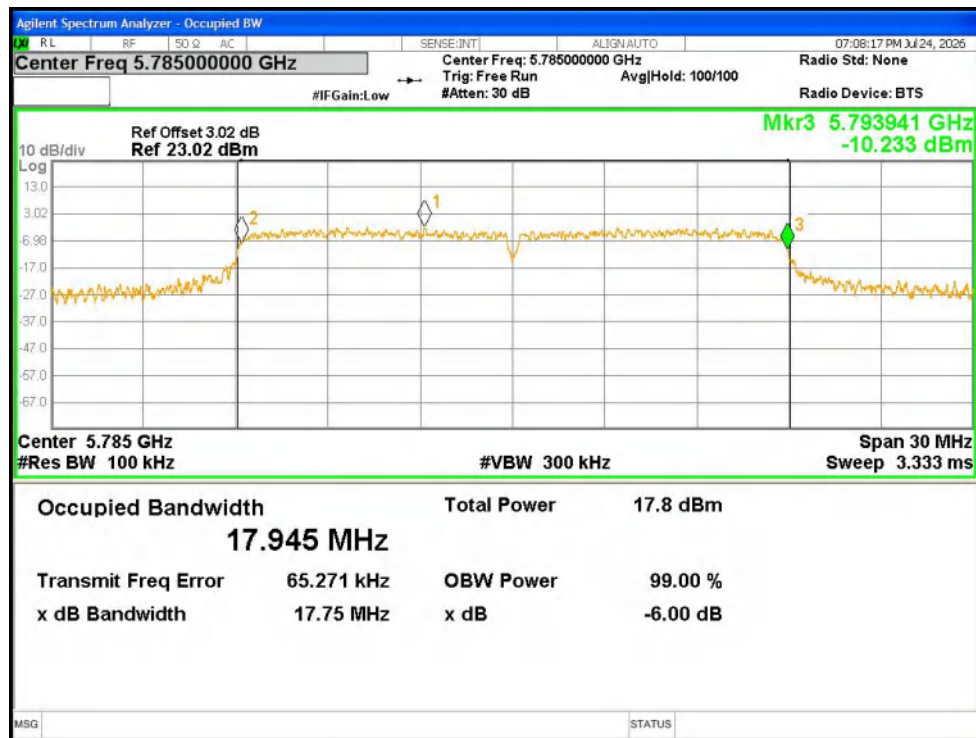
-6dB Bandwidth NVNT a 5785MHz Ant1



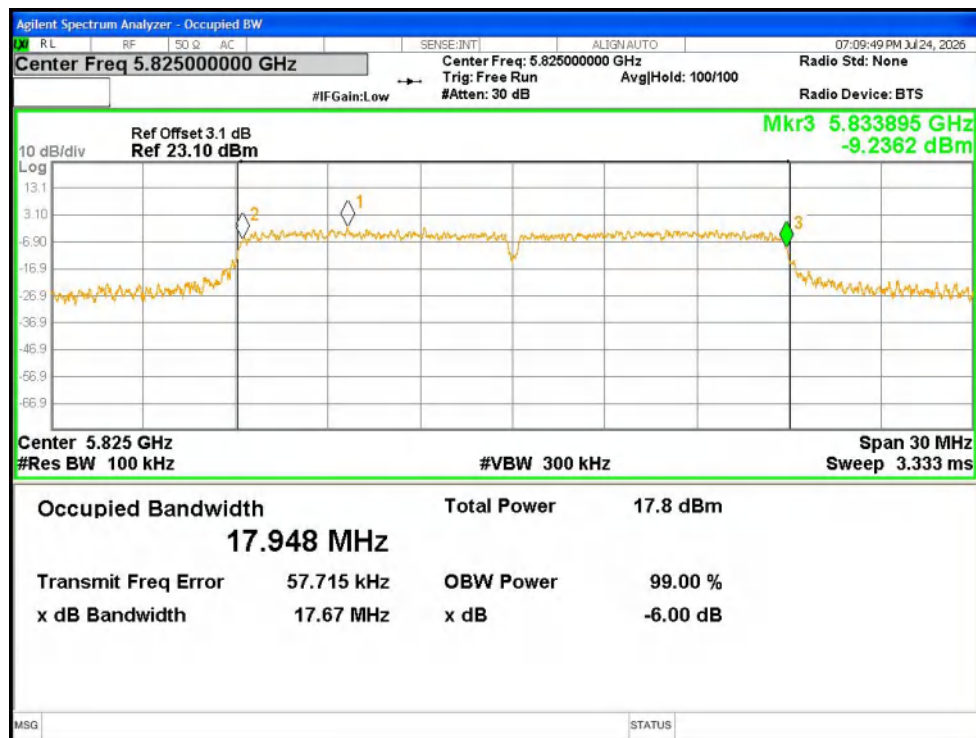
-6dB Bandwidth NVNT a 5825MHz Ant1



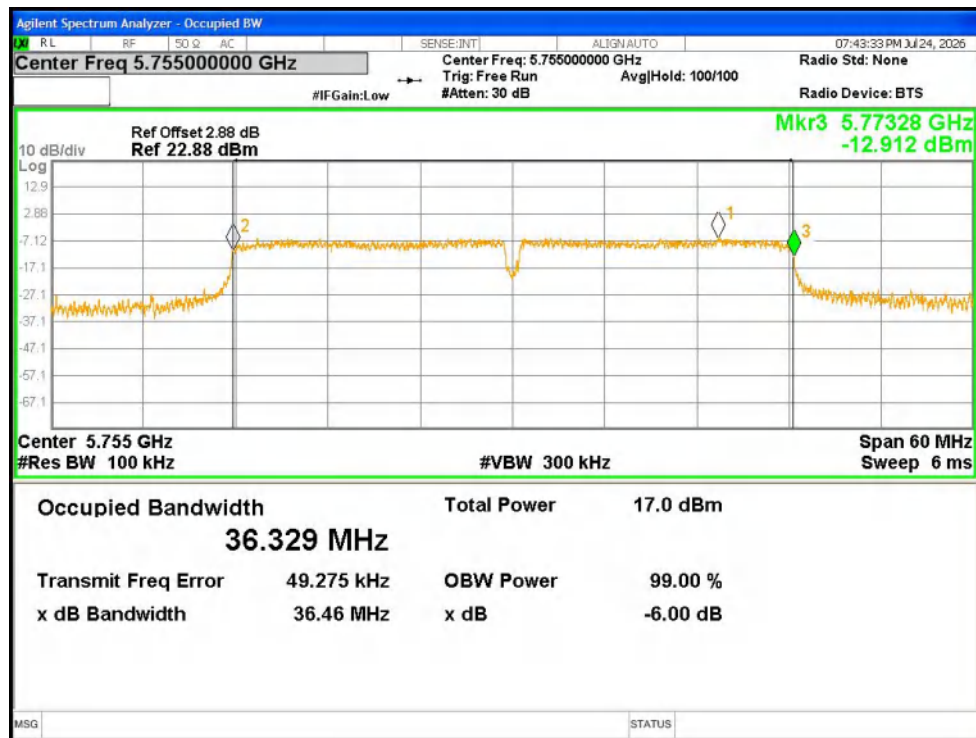
-6dB Bandwidth NVNT n20 5745MHz Ant1



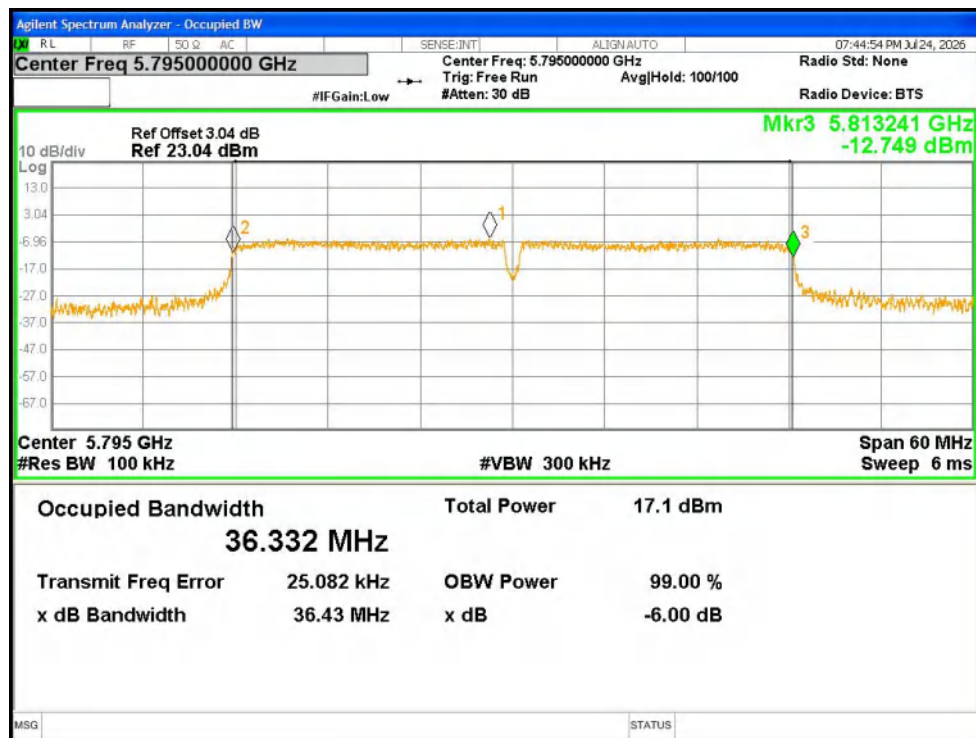
-6dB Bandwidth NVNT n20 5785MHz Ant1



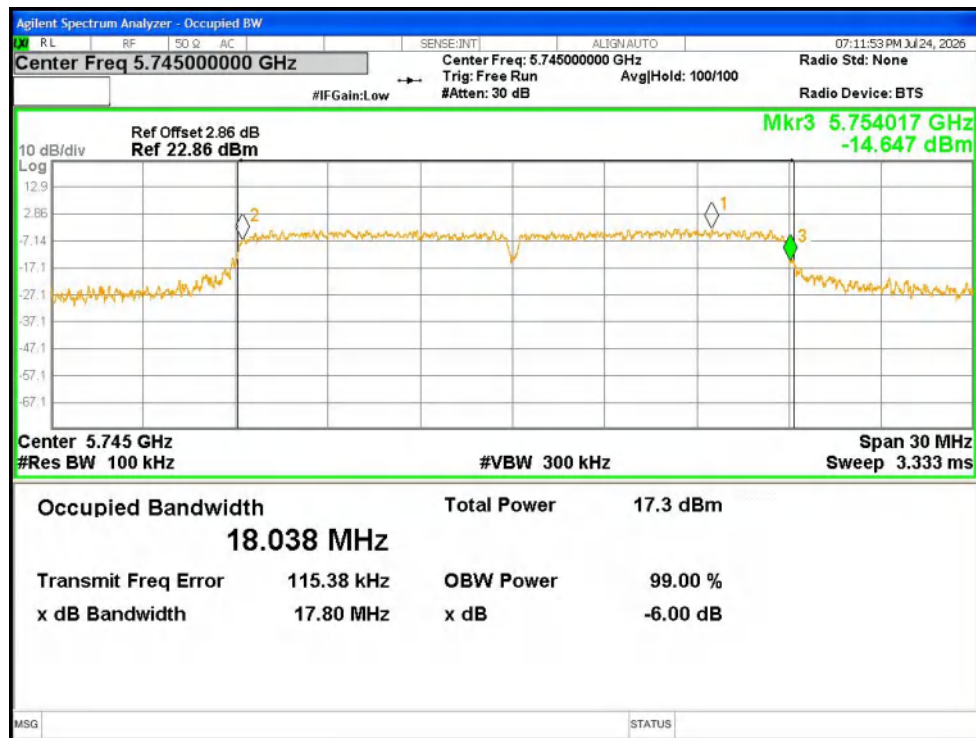
-6dB Bandwidth NVNT n20 5825MHz Ant1



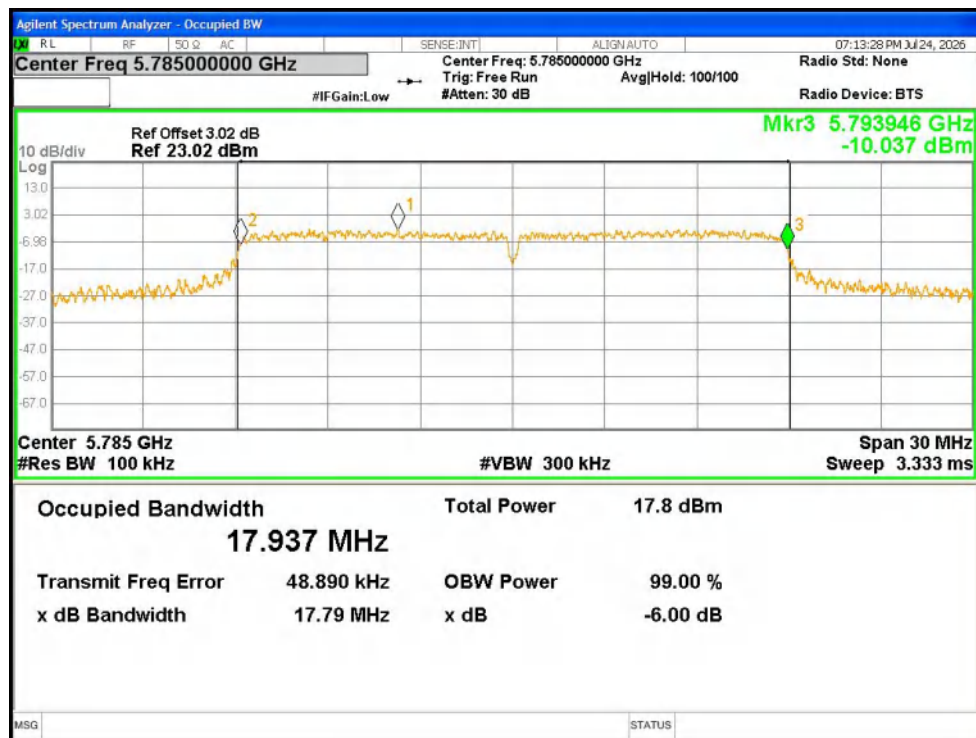
-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

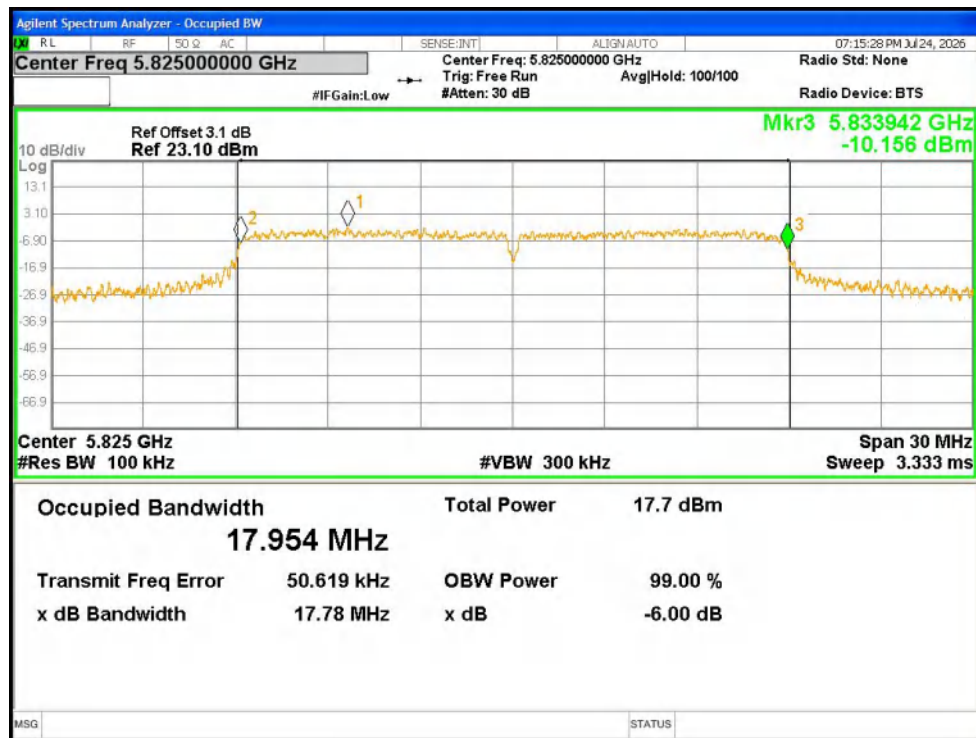


-6dB Bandwidth NVNT ac20 5745MHz Ant1

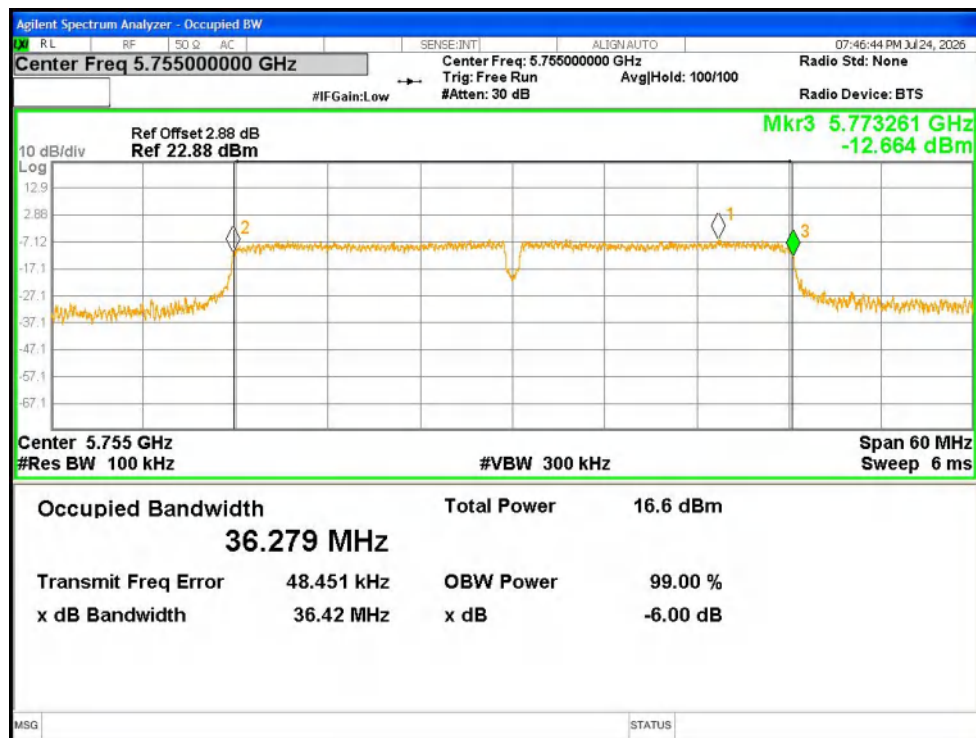


-6dB Bandwidth NVNT ac20 5785MHz Ant1

Report

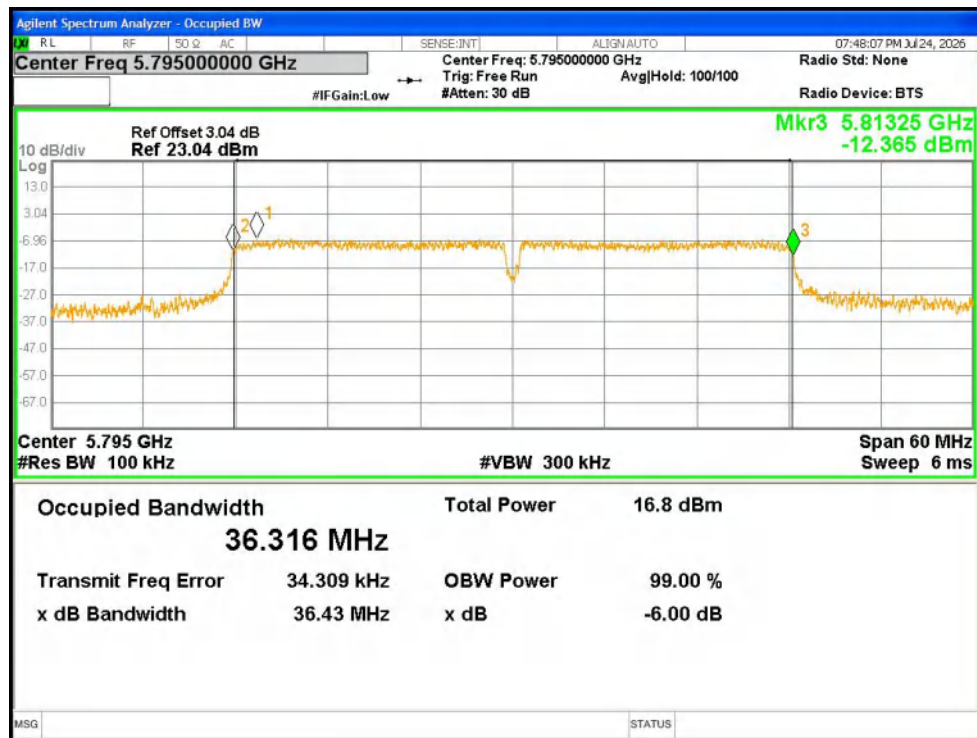


-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1

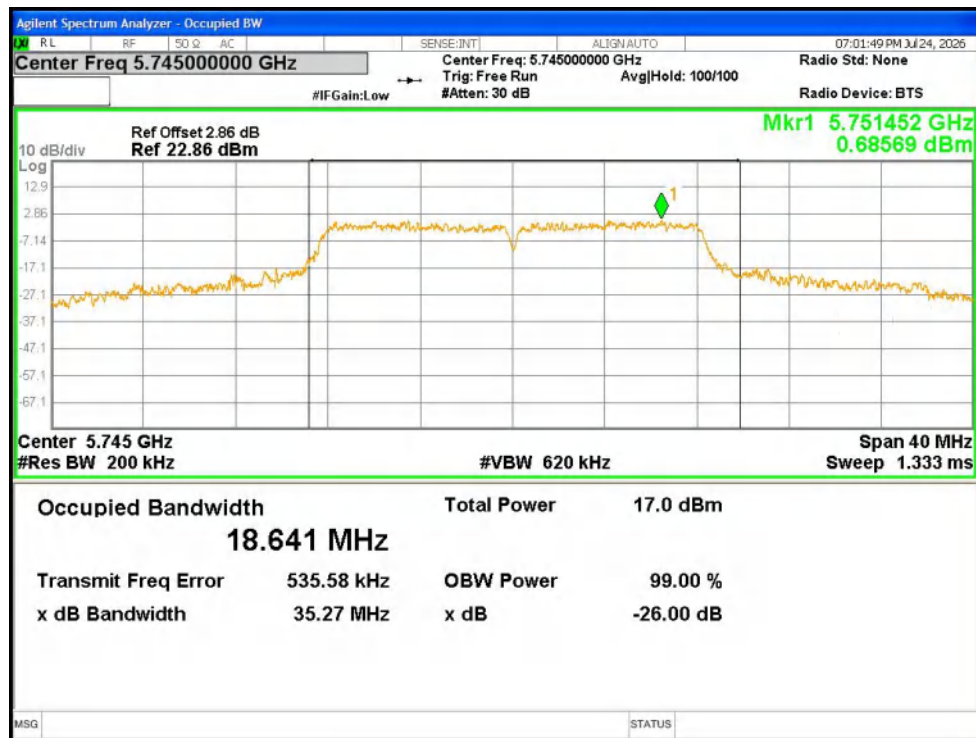
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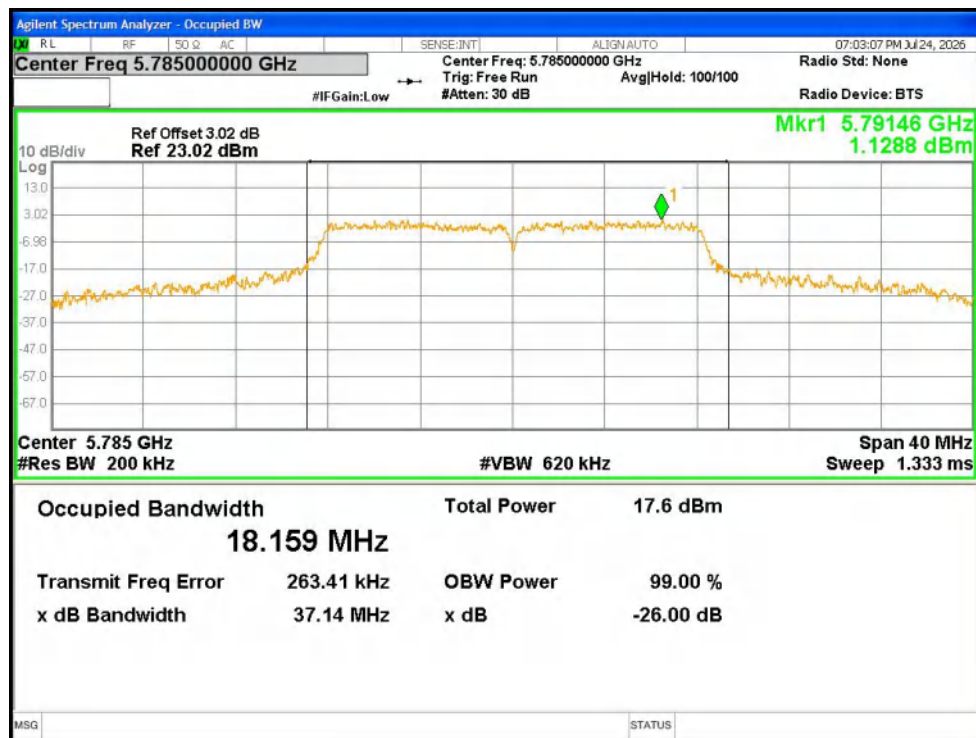
-6dB Bandwidth NVNT ac40 5795MHz Ant1

4. Occupied Channel Bandwidth

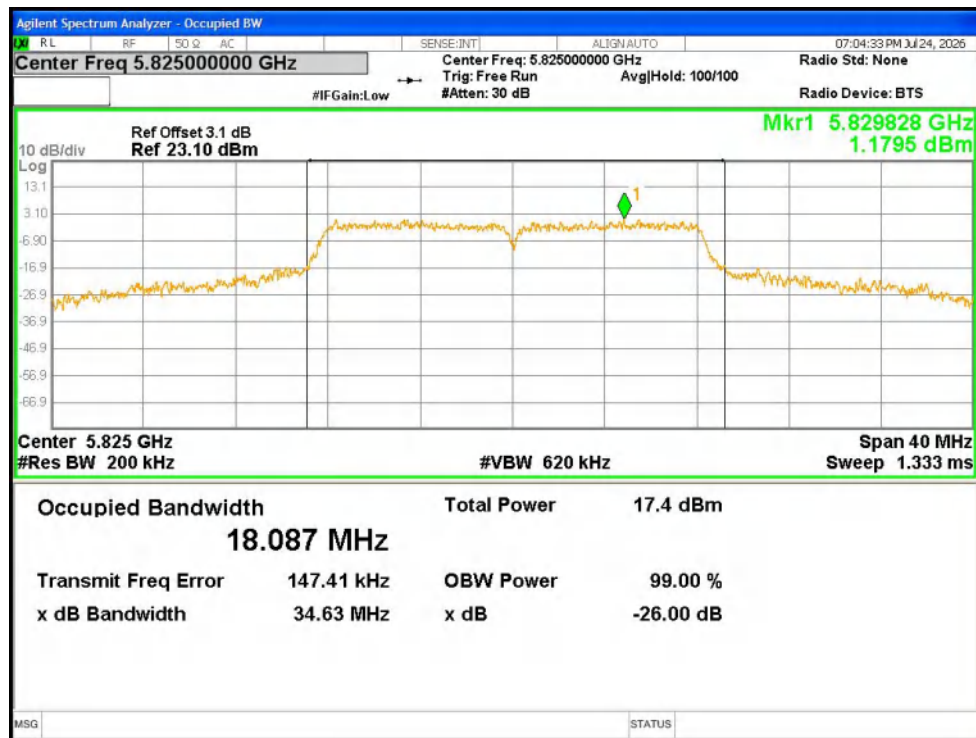
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	18.641
NVNT	a	5785	Ant1	18.159
NVNT	a	5825	Ant1	18.087
NVNT	n20	5745	Ant1	18.898
NVNT	n20	5785	Ant1	19.128
NVNT	n20	5825	Ant1	19.137
NVNT	n40	5755	Ant1	37.71
NVNT	n40	5795	Ant1	37.257
NVNT	ac20	5745	Ant1	19.613
NVNT	ac20	5785	Ant1	19.159
NVNT	ac20	5825	Ant1	19.103
NVNT	ac40	5755	Ant1	37.073
NVNT	ac40	5795	Ant1	37.025



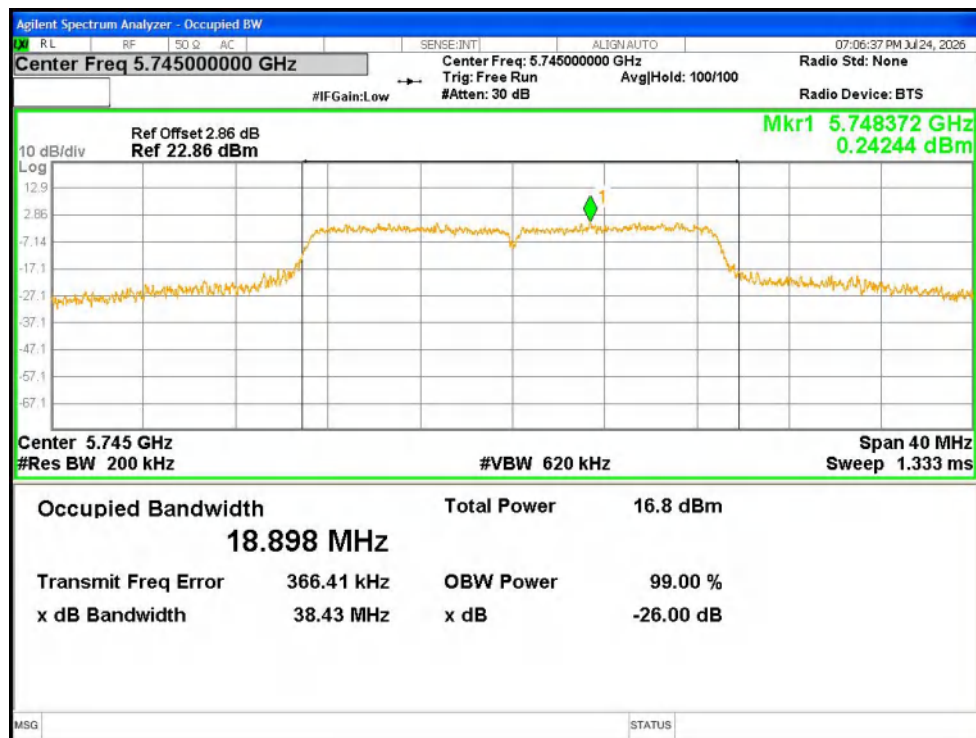
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1

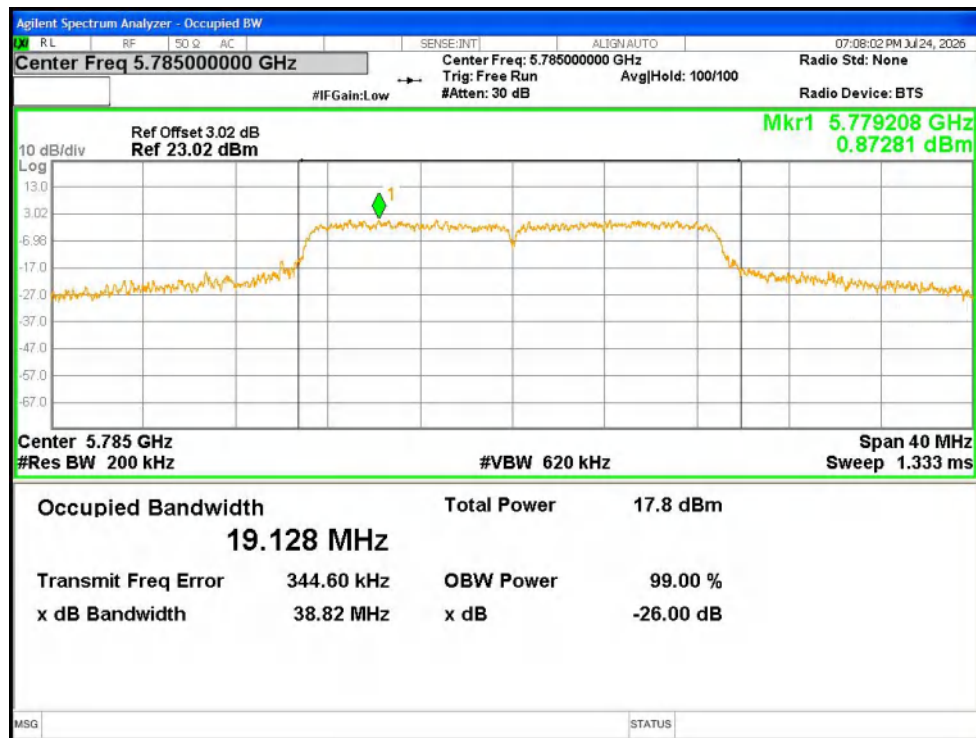


OBW NVNT a 5825MHz Ant1

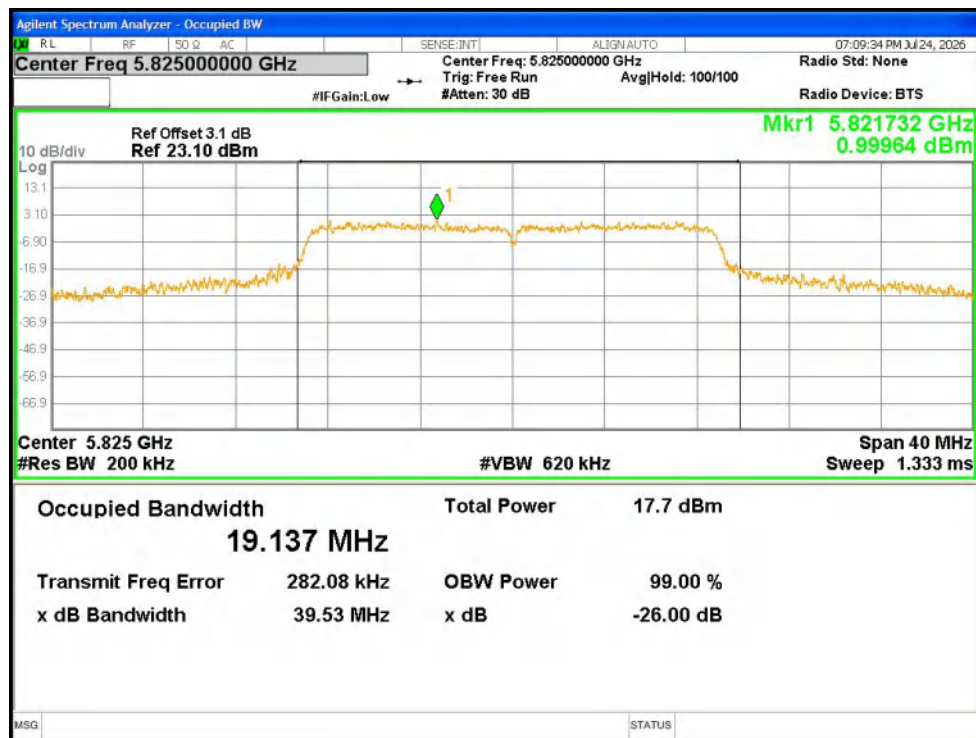


OBW NVNT n20 5745MHz Ant1

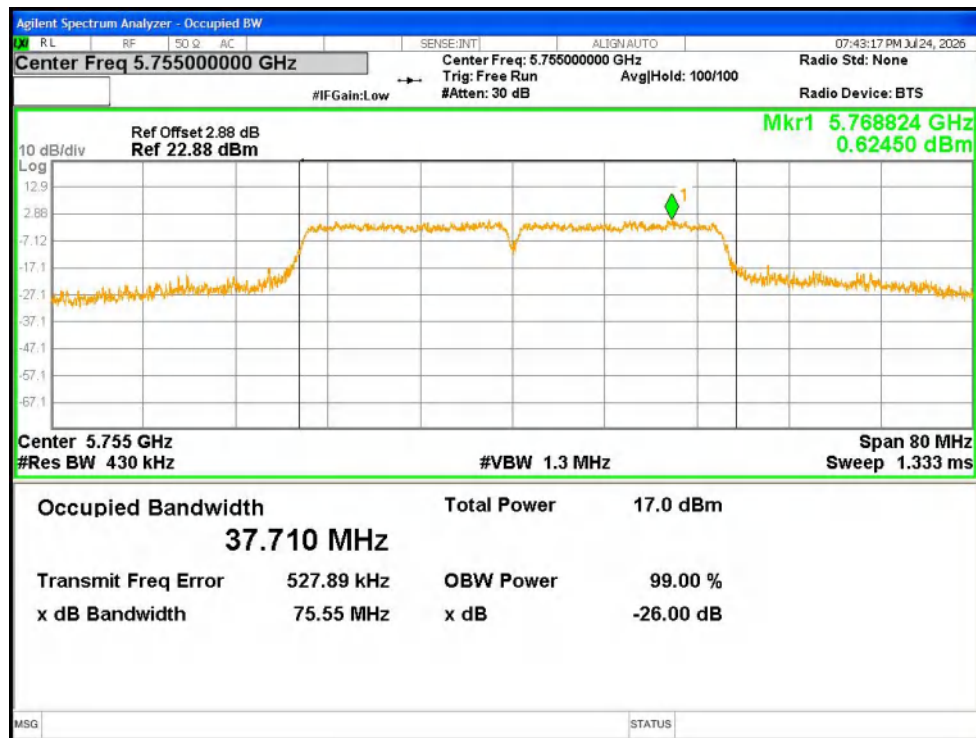
Report



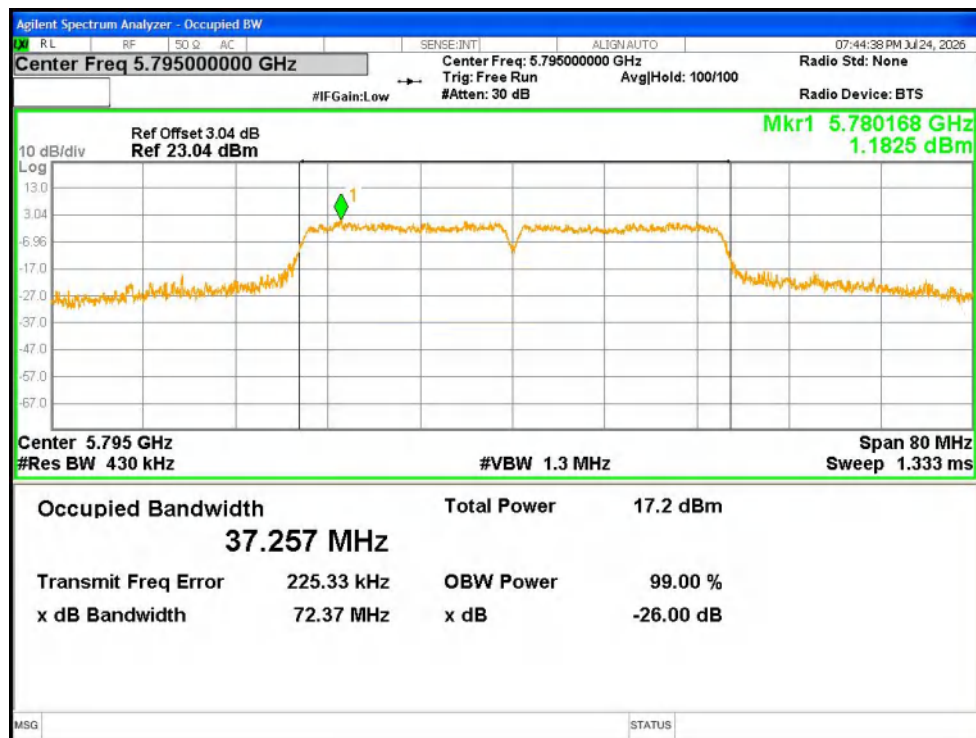
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1

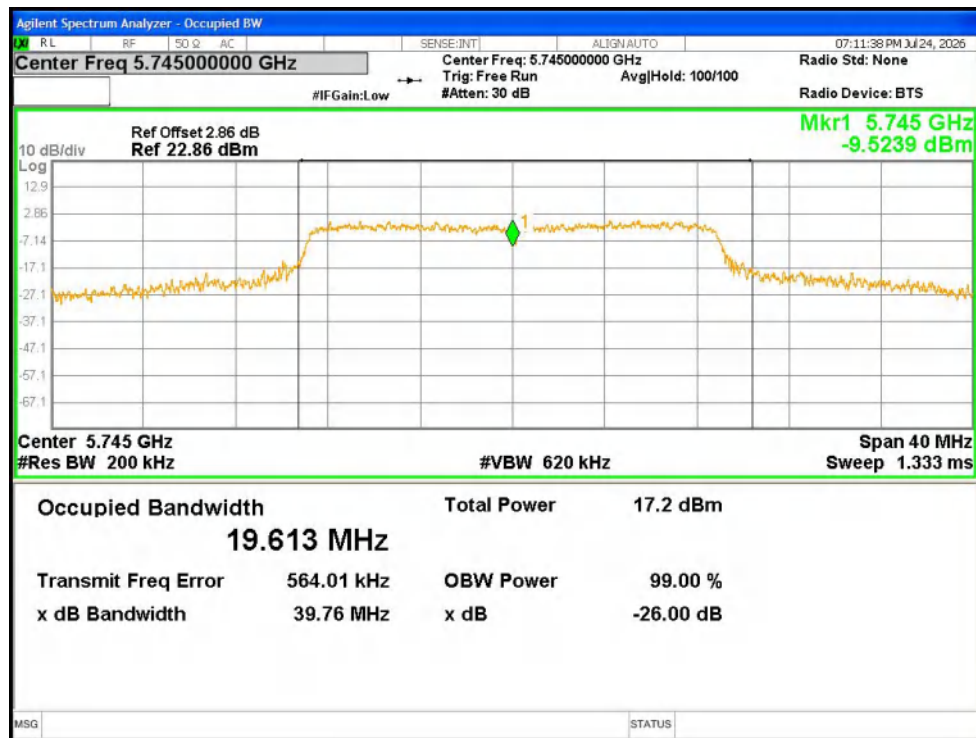


OBW NVNT n40 5755MHz Ant1

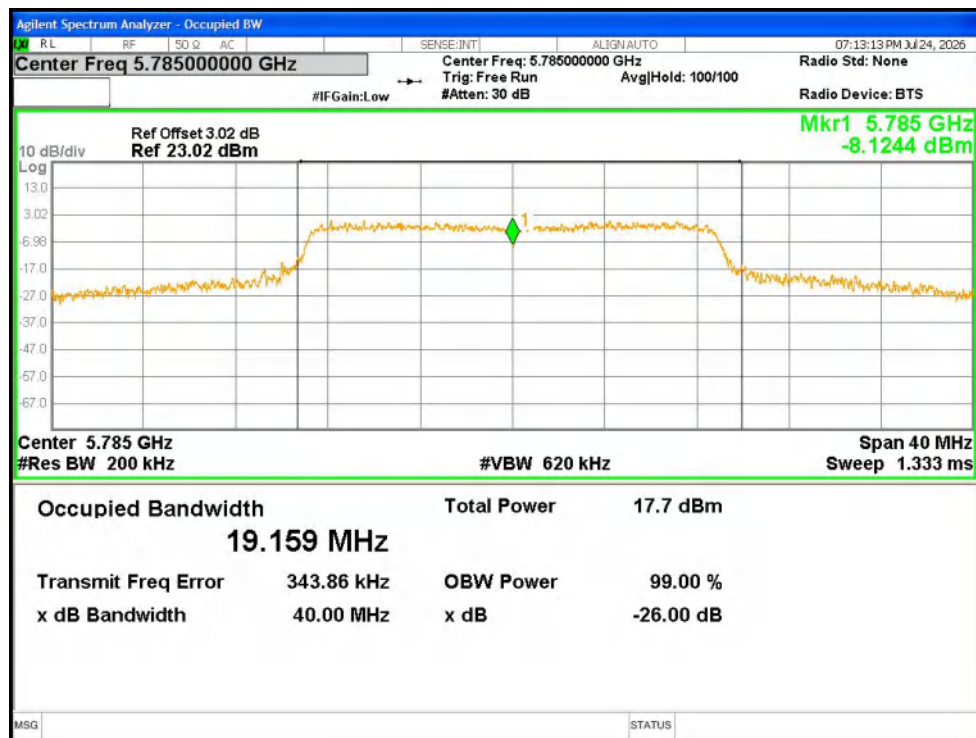


OBW NVNT n40 5795MHz Ant1

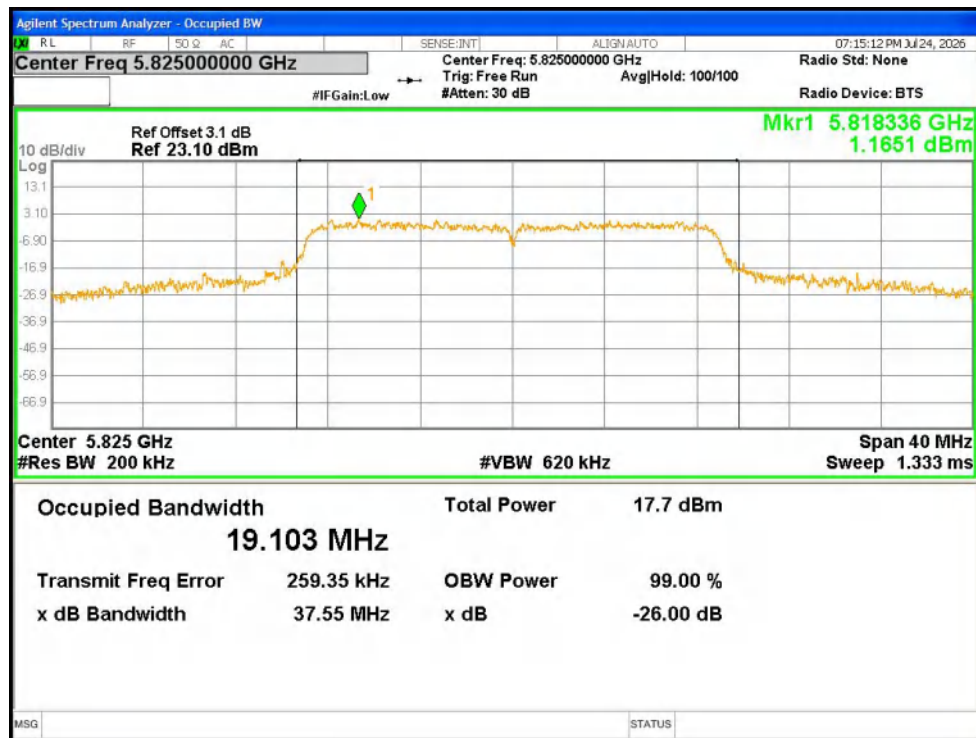
Report



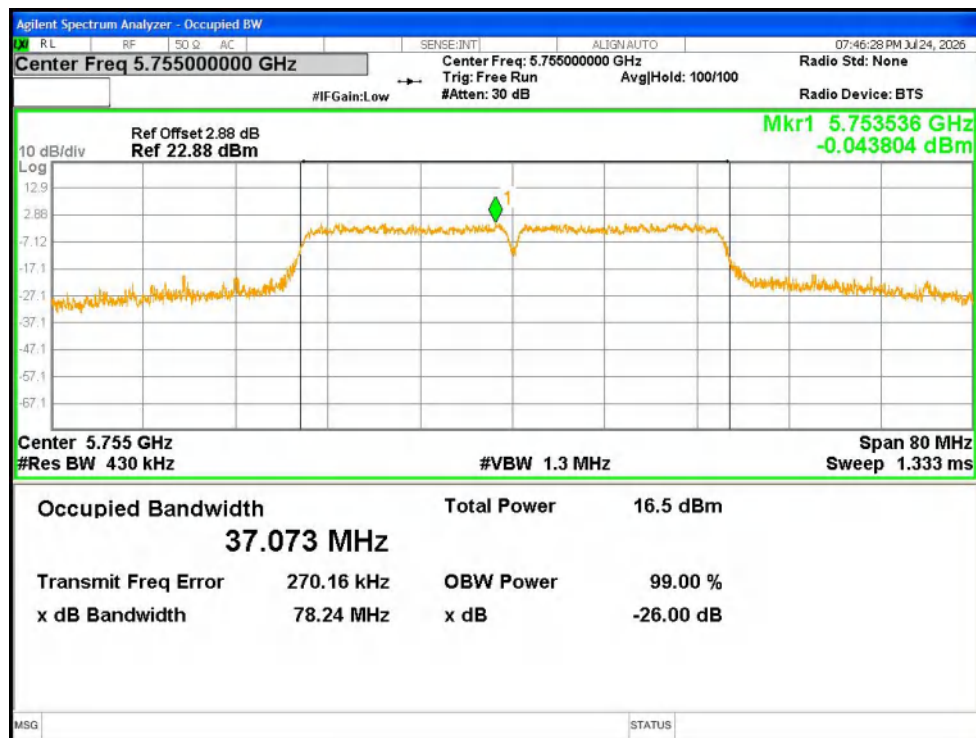
OBW NVNT ac20 5745MHz Ant1



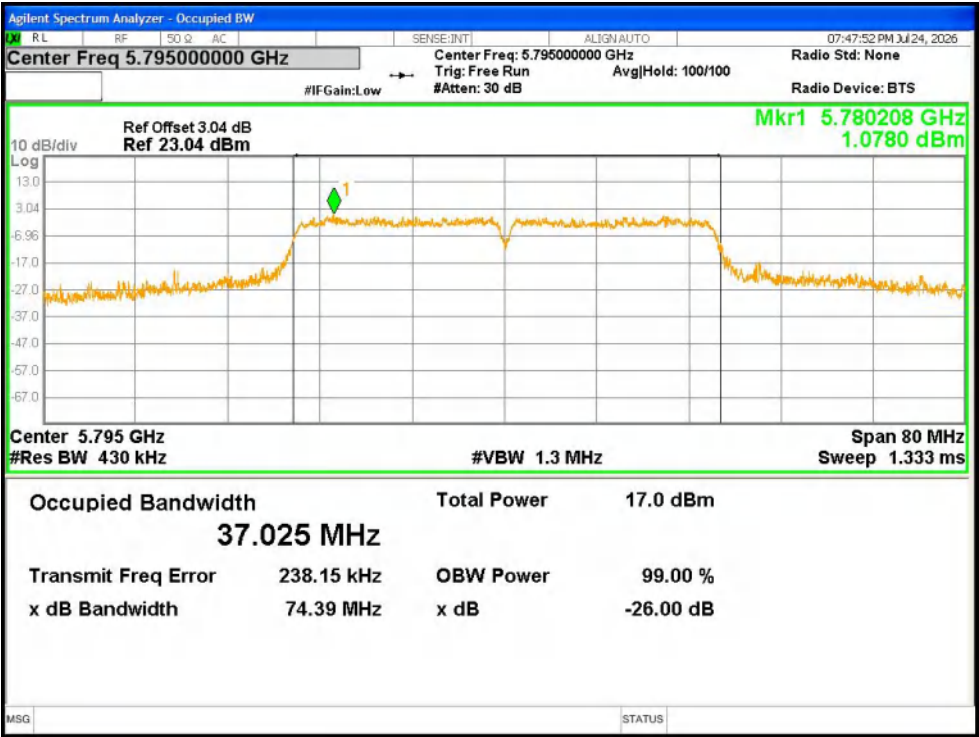
OBW NVNT ac20 5785MHz Ant1



OBW NVNT ac20 5825MHz Ant1



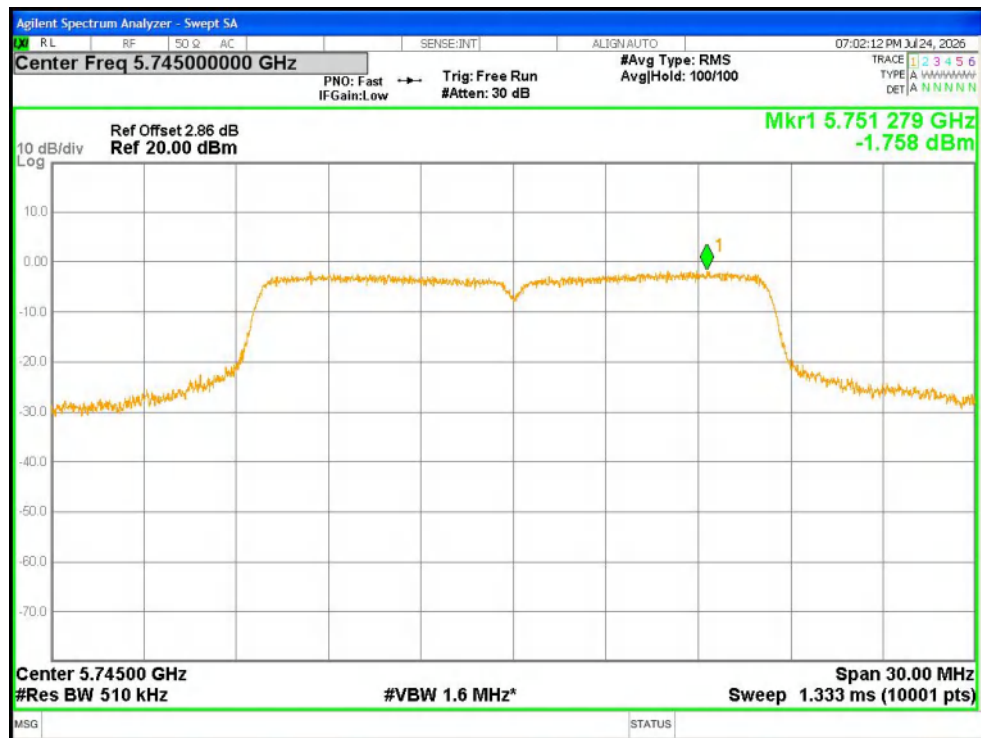
OBW NVNT ac40 5755MHz Ant1



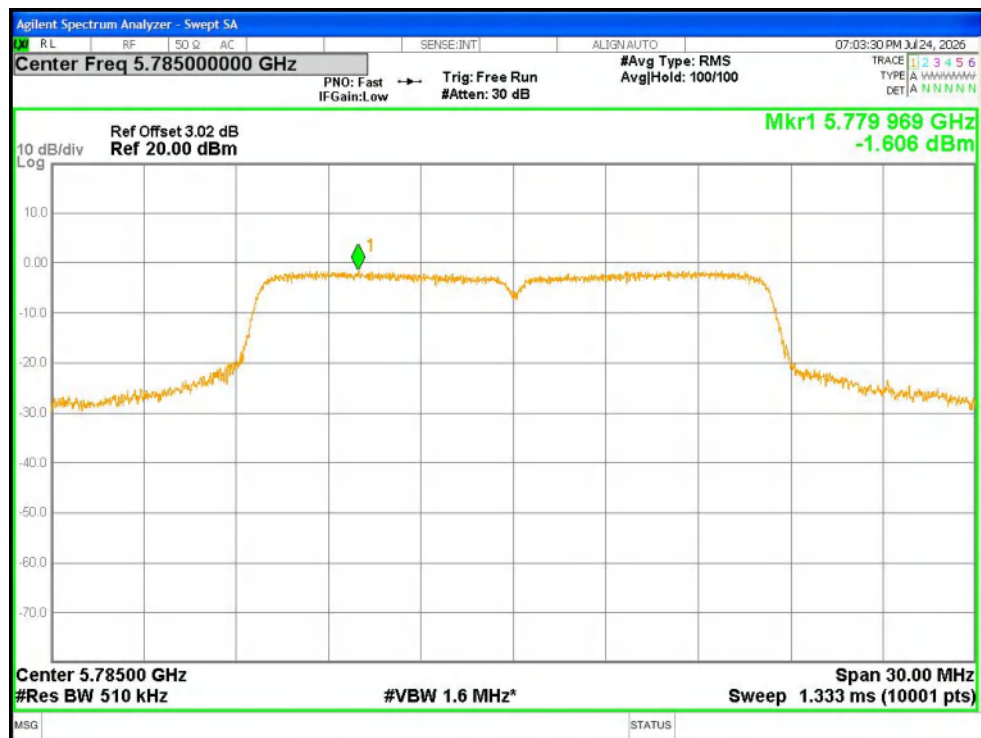
OBW NVNT ac40 5795MHz Ant1

5. Maximum Power Spectral Density Level

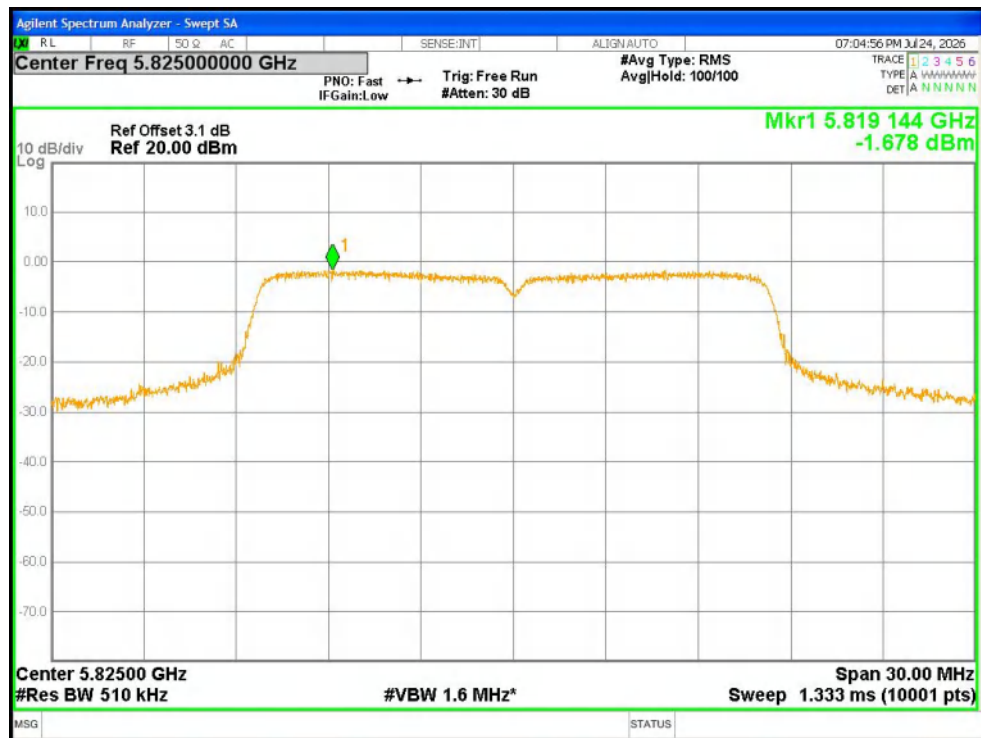
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-1.76	0	-1.76	30	Pass
NVNT	a	5785	Ant1	-1.61	0	-1.61	30	Pass
NVNT	a	5825	Ant1	-1.68	0	-1.68	30	Pass
NVNT	n20	5745	Ant1	-2.23	0	-2.23	30	Pass
NVNT	n20	5785	Ant1	-1.46	0	-1.46	30	Pass
NVNT	n20	5825	Ant1	-1.19	0	-1.19	30	Pass
NVNT	n40	5755	Ant1	-5.54	0	-5.54	30	Pass
NVNT	n40	5795	Ant1	-5.35	0	-5.35	30	Pass
NVNT	ac20	5745	Ant1	-1.95	0	-1.95	30	Pass
NVNT	ac20	5785	Ant1	-1.43	0	-1.43	30	Pass
NVNT	ac20	5825	Ant1	-1.55	0	-1.55	30	Pass
NVNT	ac40	5755	Ant1	-5.66	0	-5.66	30	Pass
NVNT	ac40	5795	Ant1	-5.58	0	-5.58	30	Pass



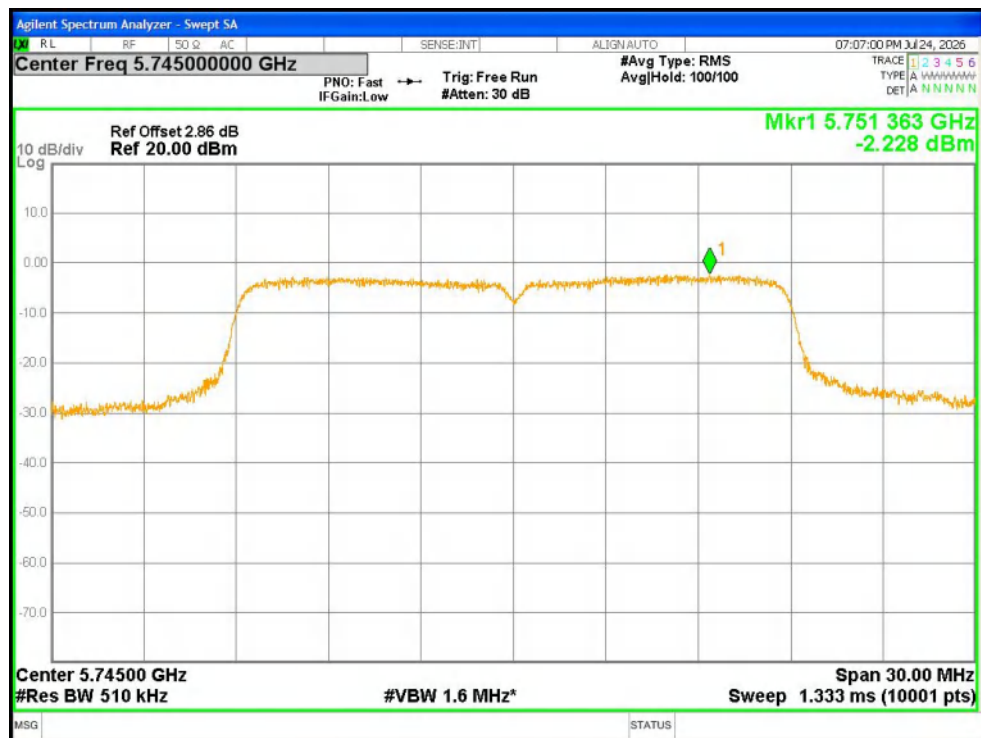
PSD NVNT a 5745MHz Ant1



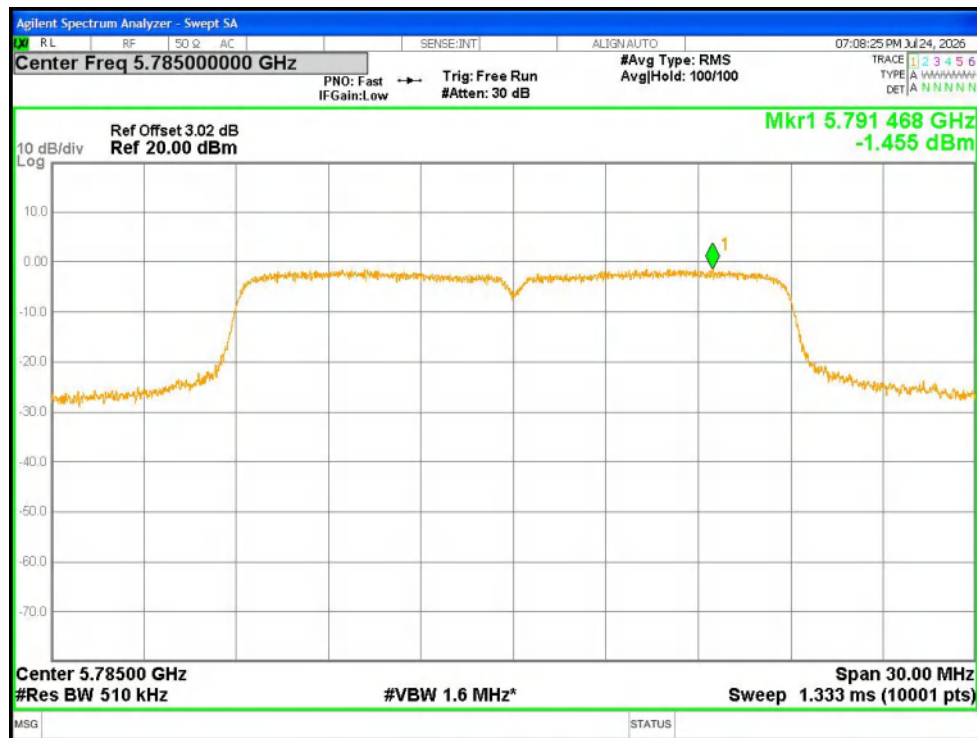
PSD NVNT a 5785MHz Ant1



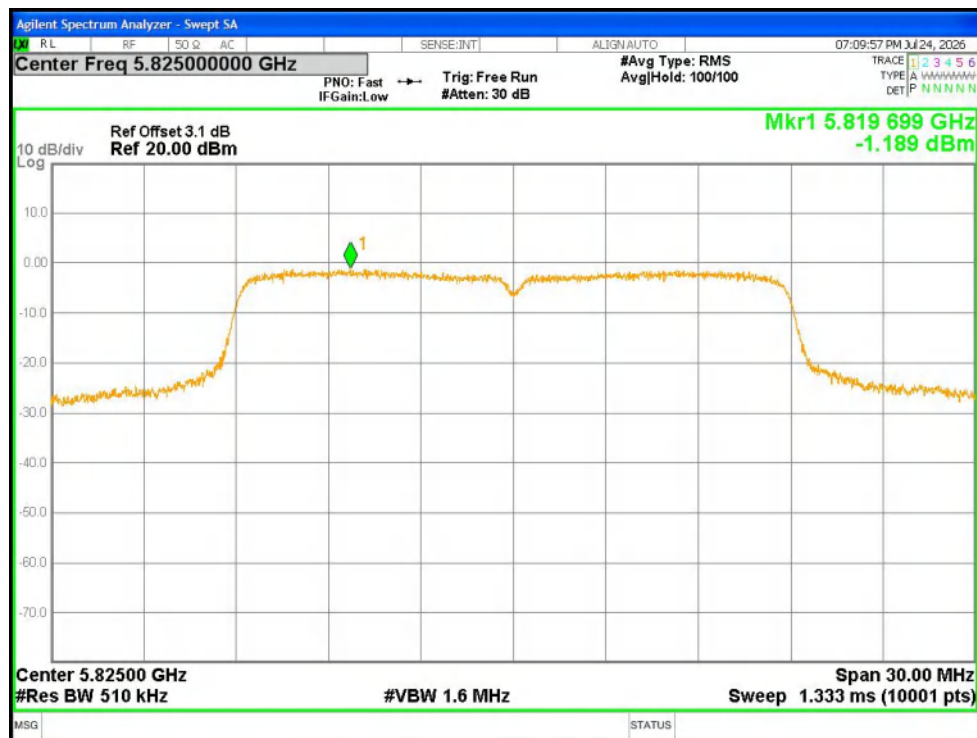
PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1

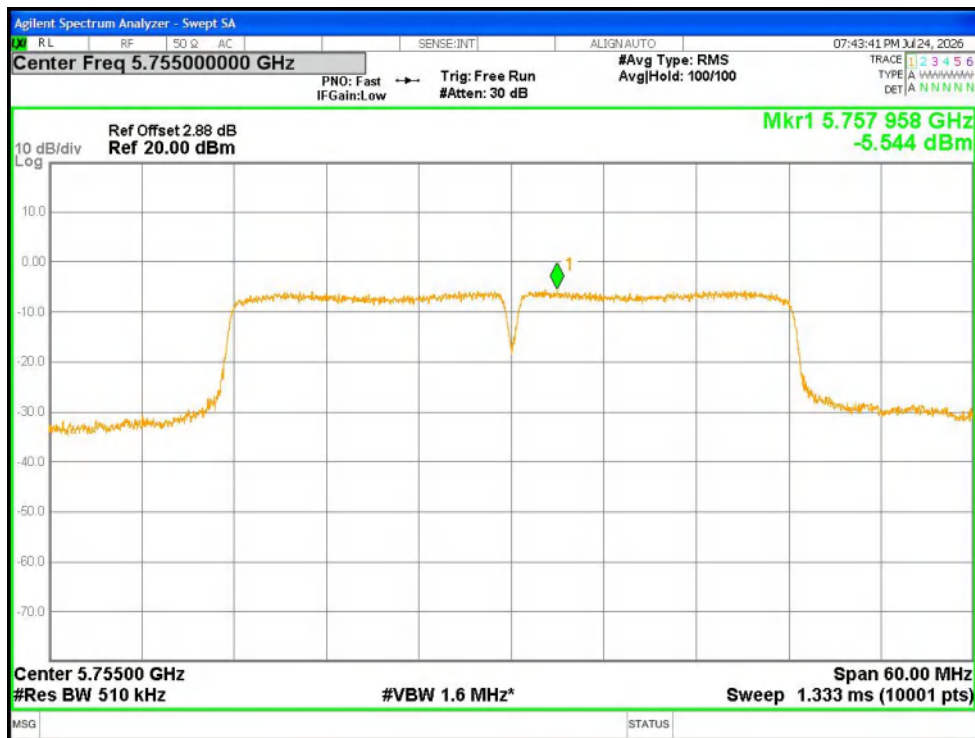


PSD NVNT n20 5785MHz Ant1

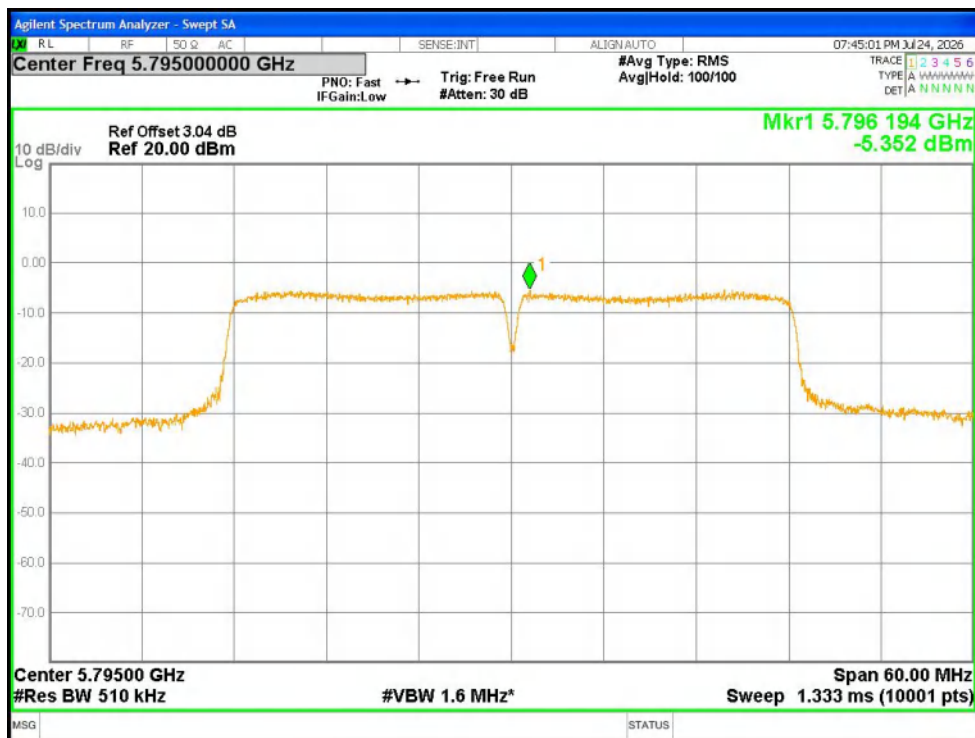


PSD NVNT n20 5825MHz Ant1

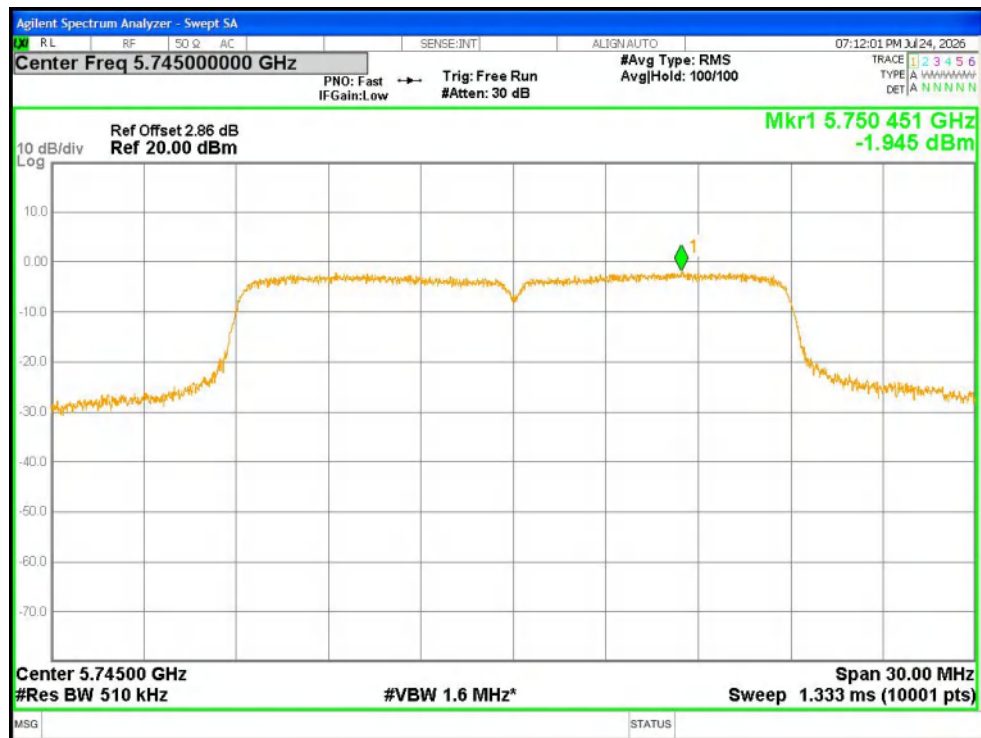
Report



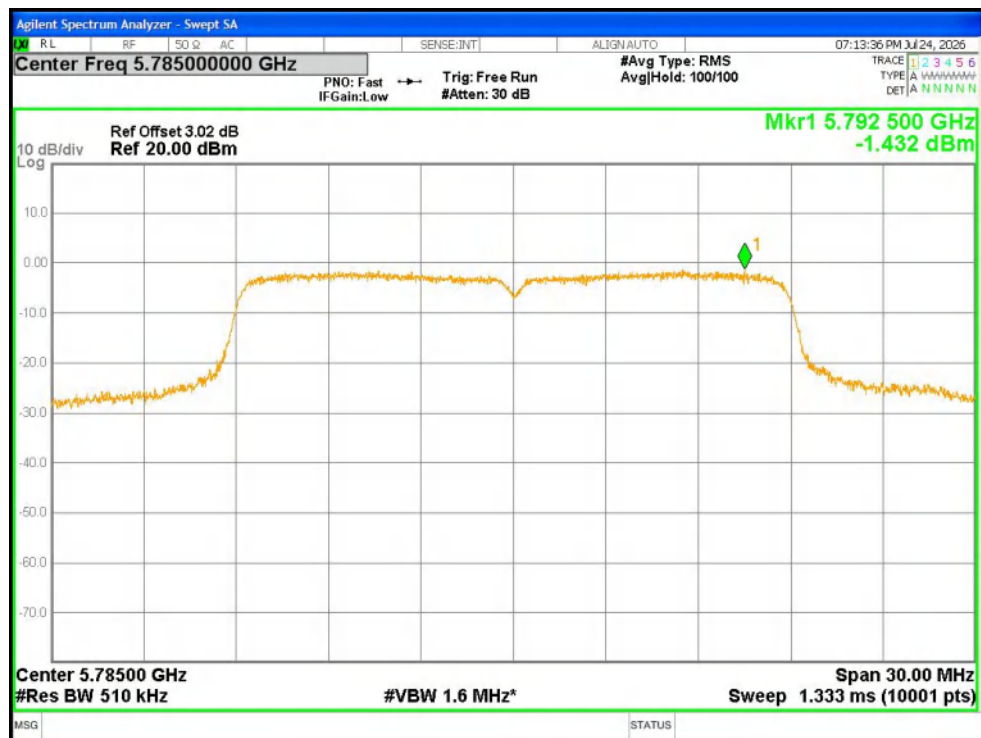
PSD NVNT n40 5755MHz Ant1



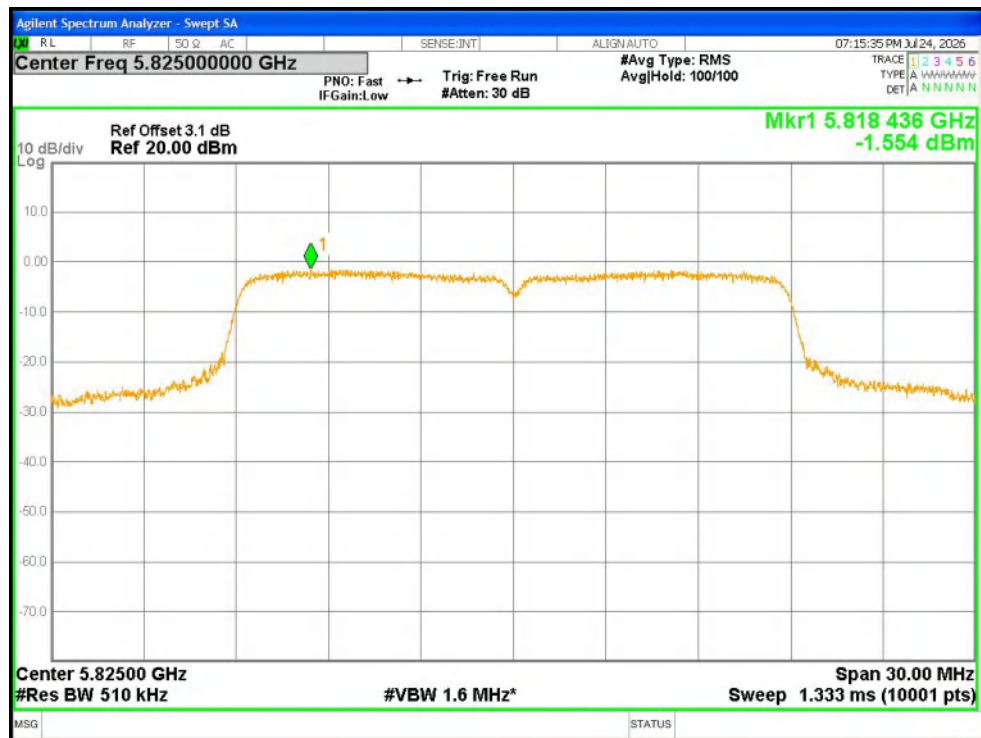
PSD NVNT n40 5795MHz Ant1



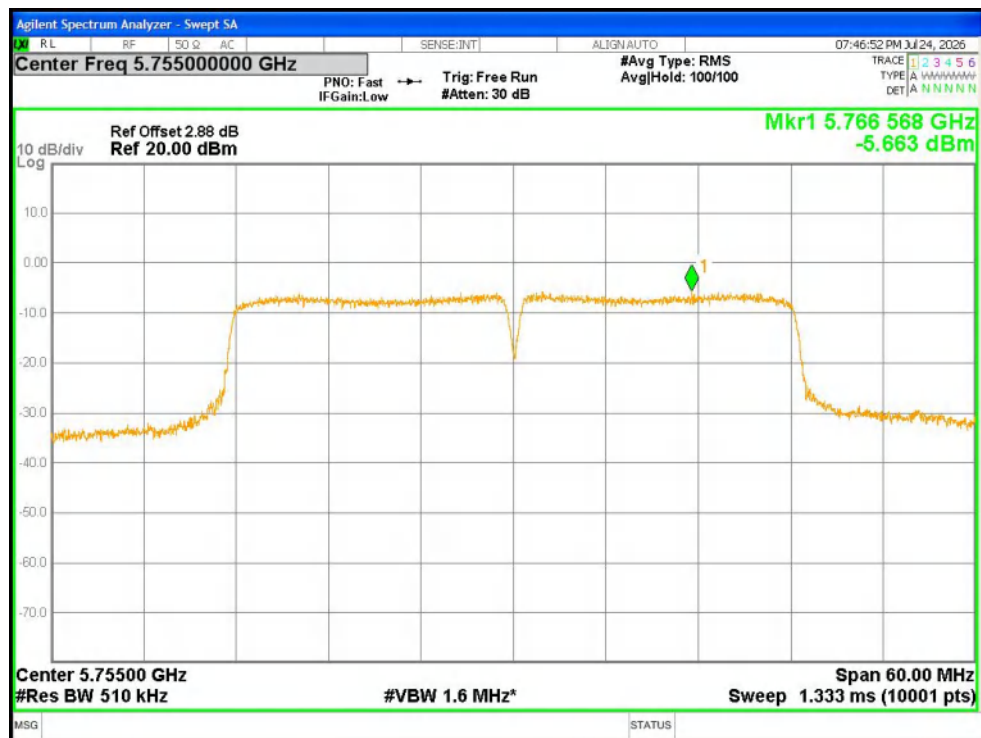
PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1

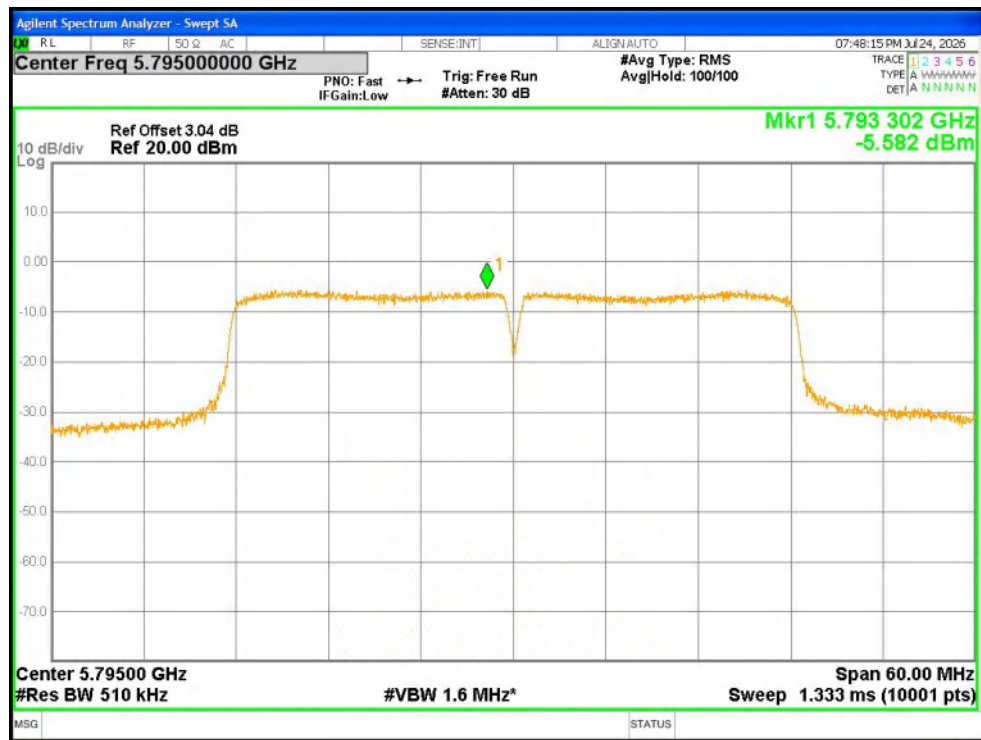


PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1

Report



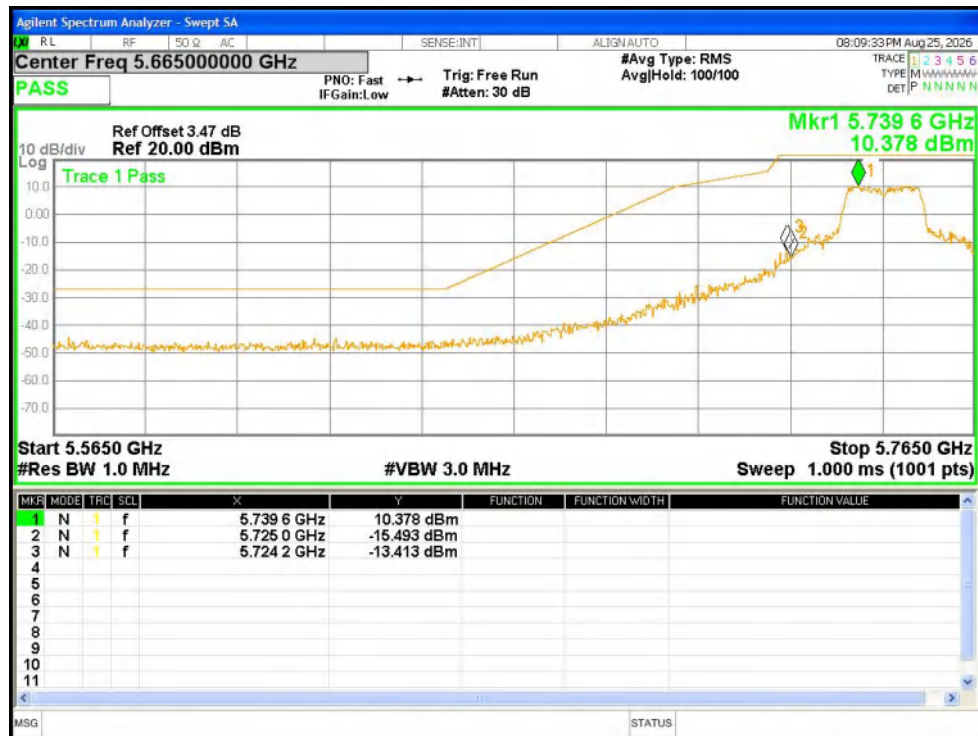
PSD NVNT ac40 5795MHz Ant1

6. Band Edge

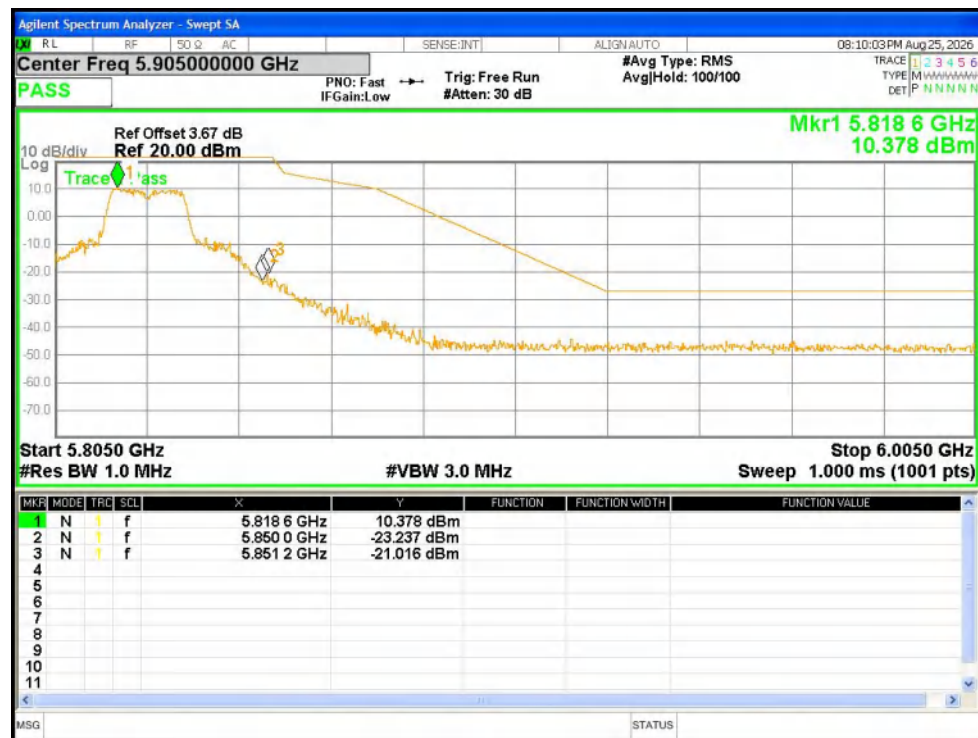
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-13.41	Pass
NVNT	a	5825	Ant1	-21.01	Pass
NVNT	n20	5745	Ant1	-11.8	Pass
NVNT	n20	5825	Ant1	-19.5	Pass
NVNT	n40	5755	Ant1	-16.4	Pass
NVNT	n40	5795	Ant1	-27.32	Pass
NVNT	ac20	5745	Ant1	-13.31	Pass
NVNT	ac20	5825	Ant1	-21.64	Pass
NVNT	ac40	5755	Ant1	-13.93	Pass
NVNT	ac40	5795	Ant1	-24.06	Pass

Note : The antenna gain has been supplemented into the offset in the test

Report

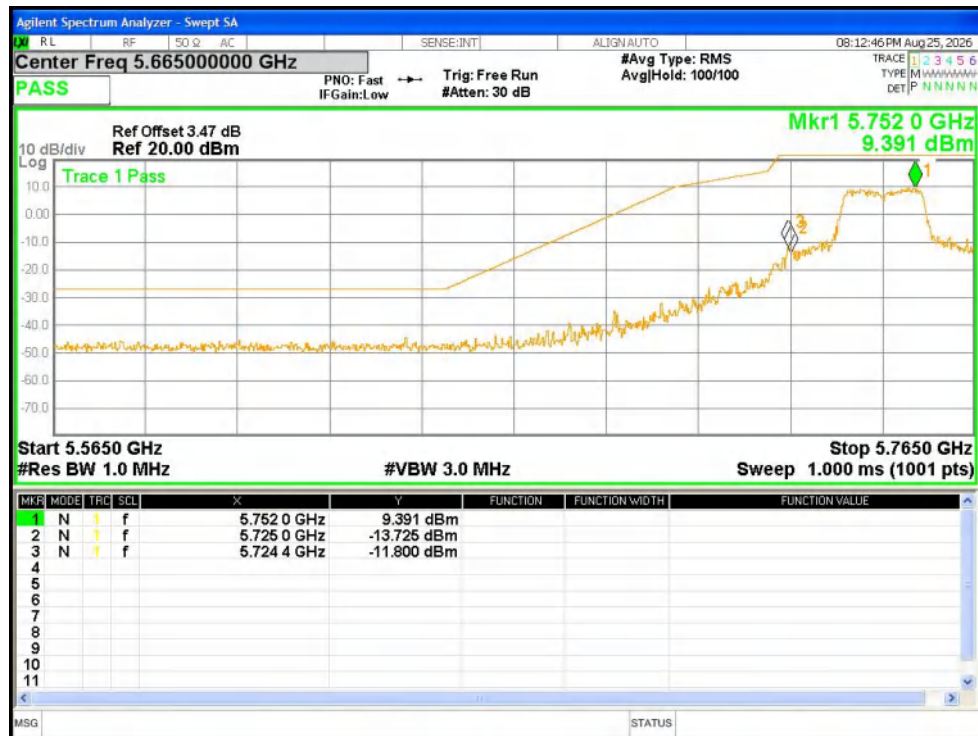


Band Edge NVNT a 5745MHz Low Ant1

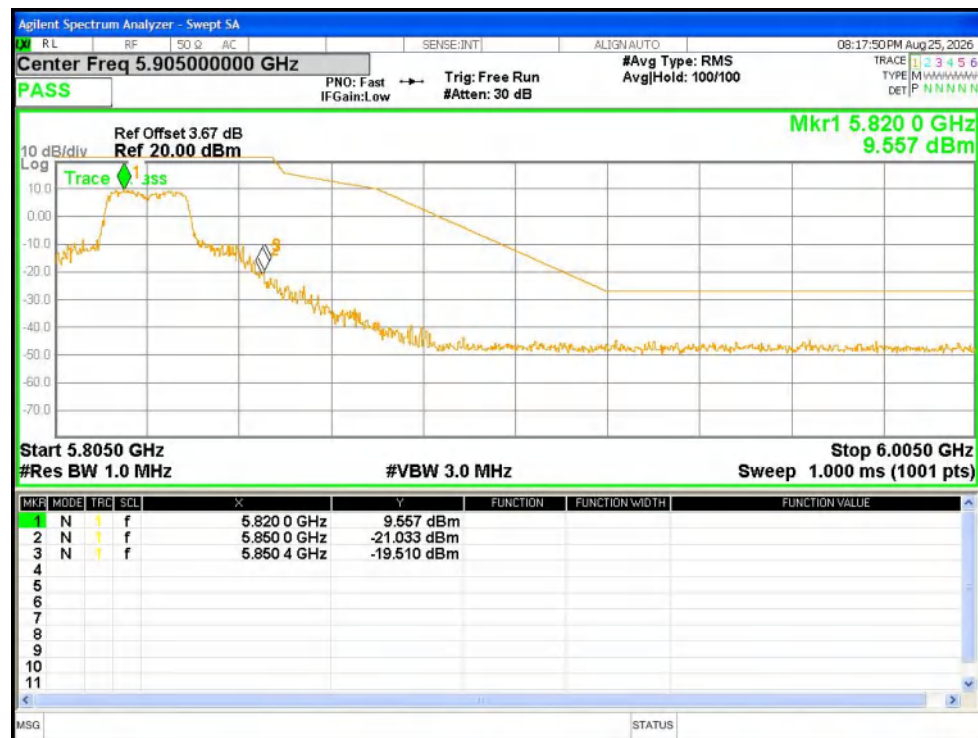


Band Edge NVNT a 5825MHz High Ant1

Report

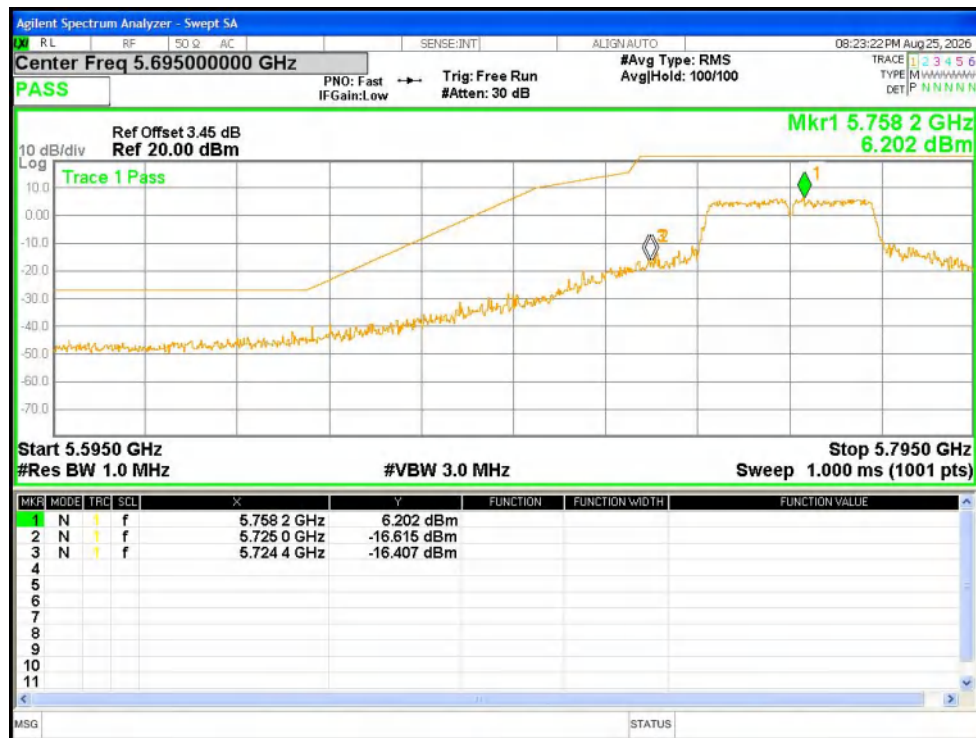


Band Edge NVNT n20 5745MHz Low Ant1

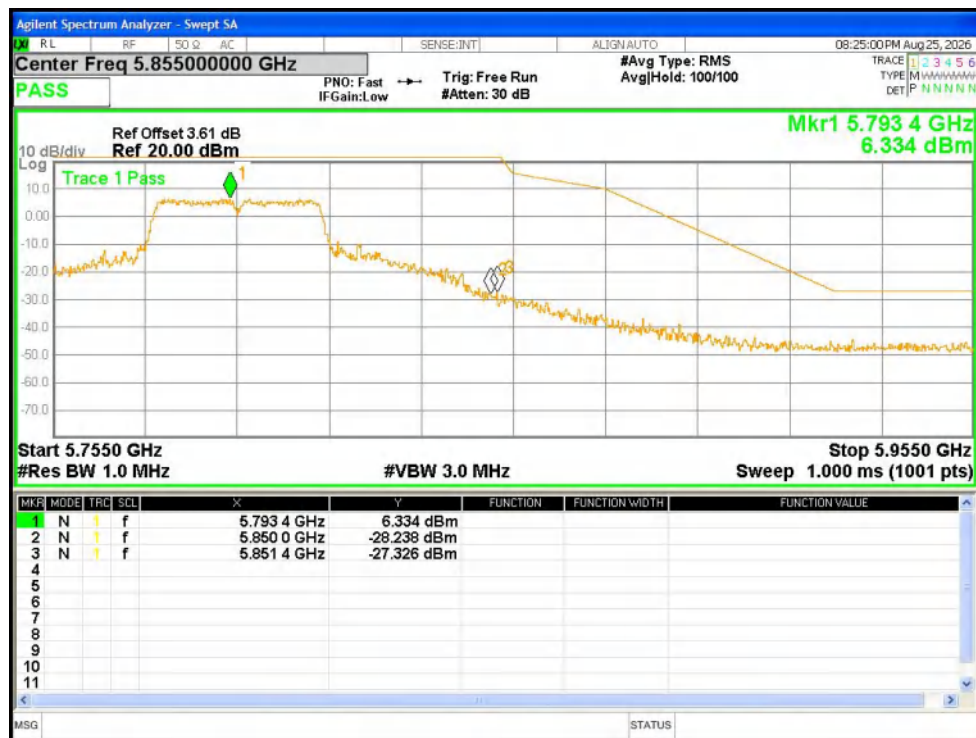


Band Edge NVNT n20 5825MHz High Ant1

Report

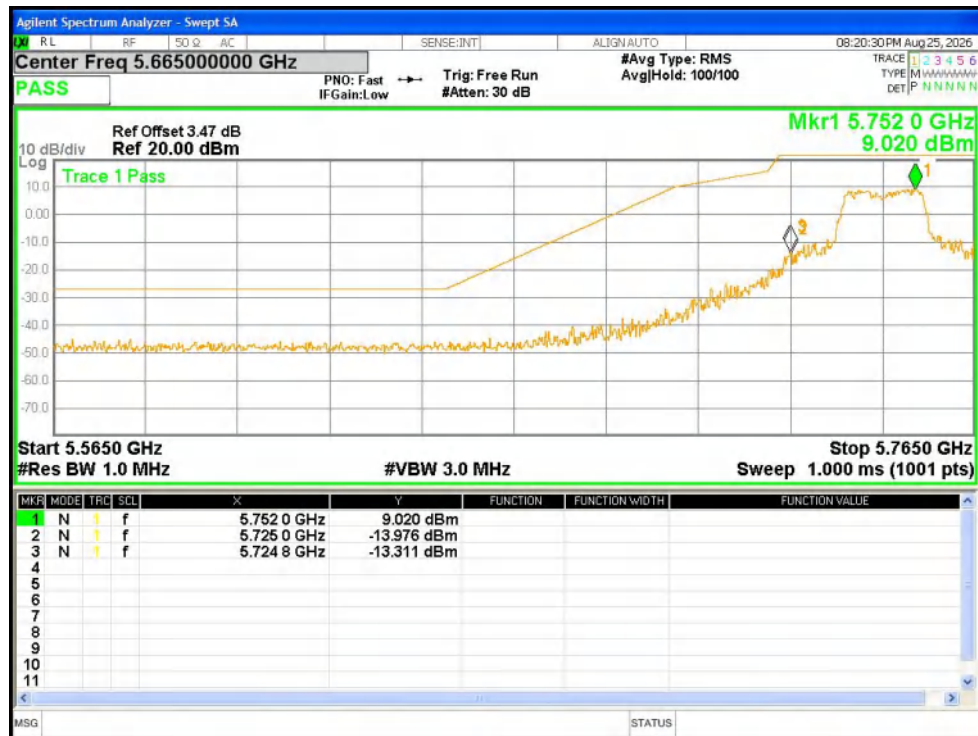


Band Edge NVNT n40 5755MHz Low Ant1

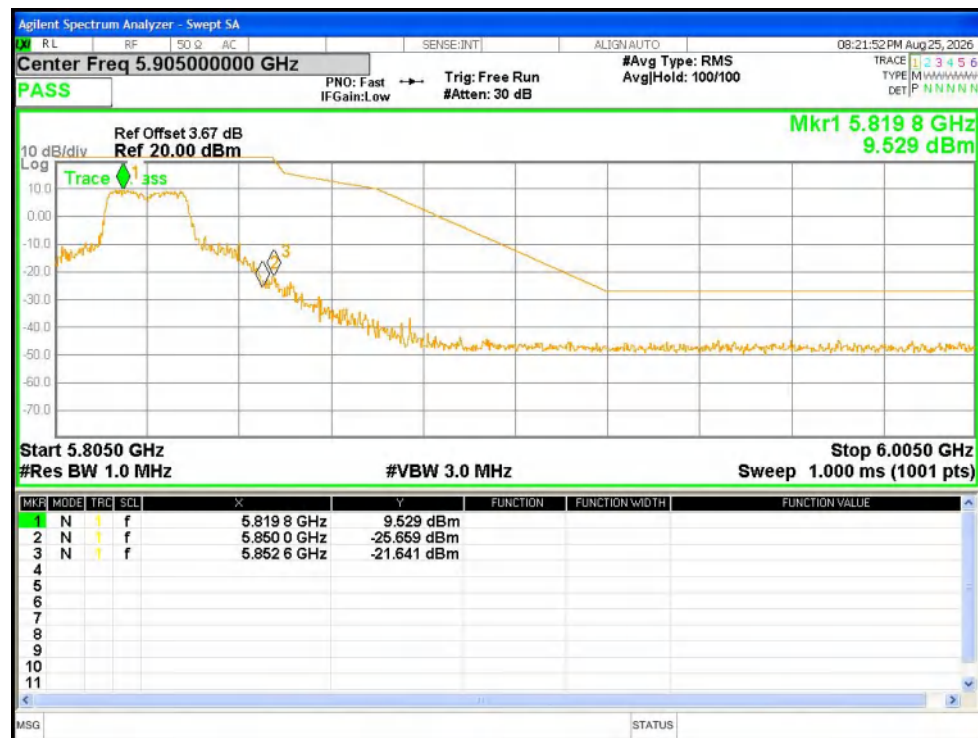


Band Edge NVNT n40 5795MHz High Ant1

Report

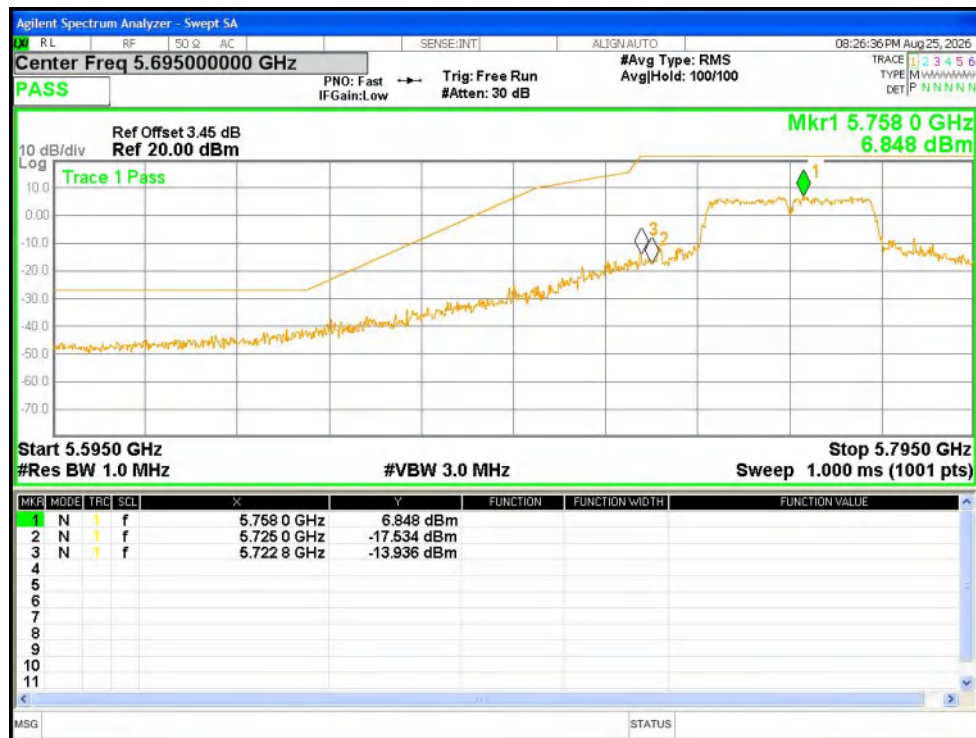


Band Edge NVNT ac20 5745MHz Low Ant1

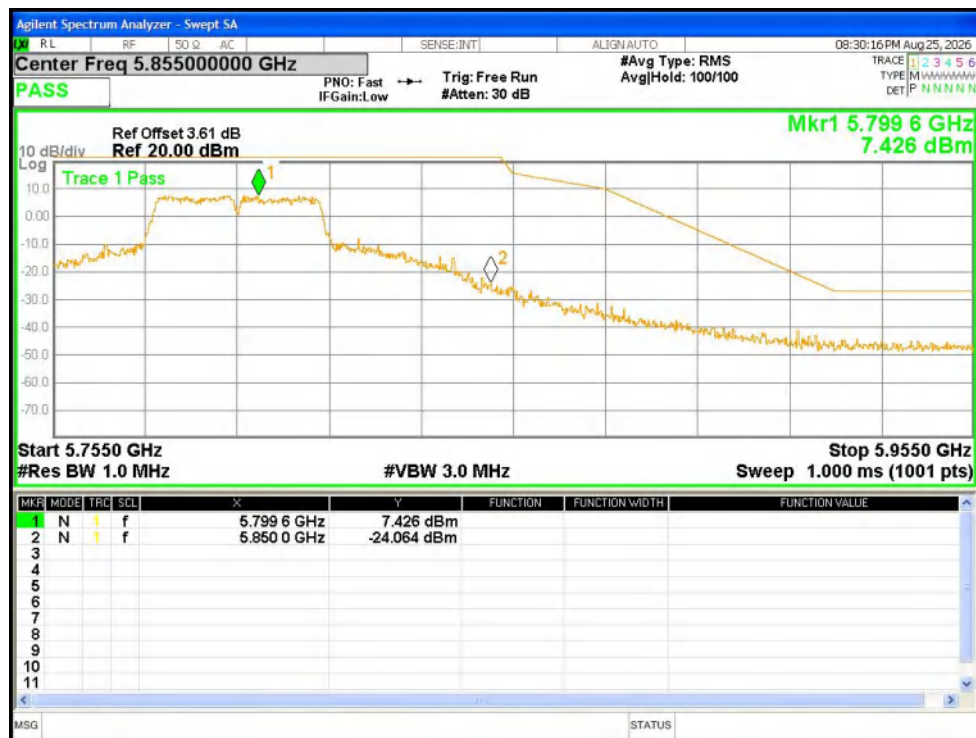


Band Edge NVNT ac20 5825MHz High Ant1

Report



Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1