

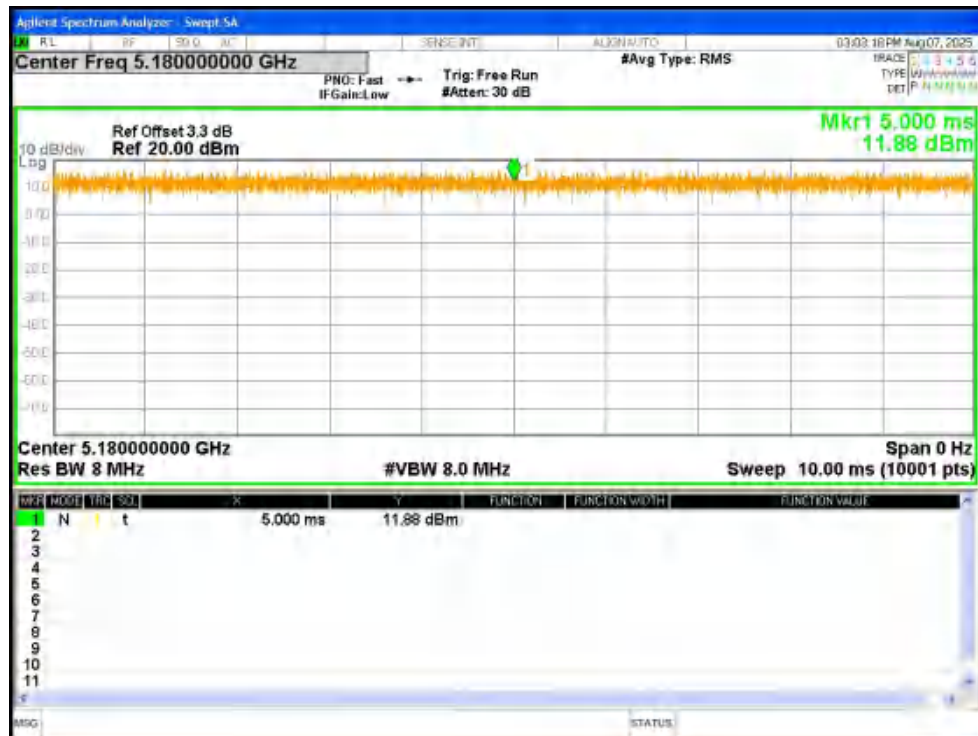
Beijing ShixianTechnology Co., Ltd.

FCC ID: 2BQ9Z-SK510

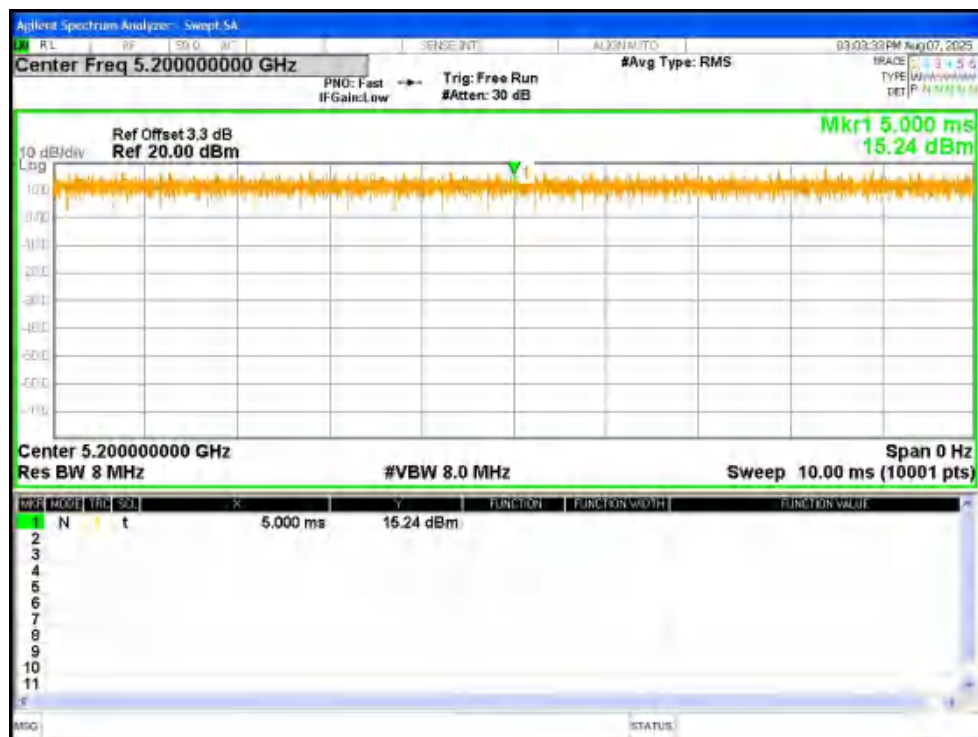
Model:SK510

1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	100	0	0
NVNT	a	5200	Ant1	100	0	0
NVNT	a	5240	Ant1	100	0	0
NVNT	a	5745	Ant1	100	0	0
NVNT	a	5785	Ant1	100	0	0
NVNT	a	5825	Ant1	100	0	0
NVNT	n20	5180	Ant1	100	0	0
NVNT	n20	5200	Ant1	100	0	0
NVNT	n20	5240	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	5190	Ant1	100	0	0
NVNT	n40	5230	Ant1	100	0	0
NVNT	n40	5755	Ant1	100	0	0
NVNT	n40	5795	Ant1	100	0	0
NVNT	ac20	5180	Ant1	100	0	0
NVNT	ac20	5200	Ant1	100	0	0
NVNT	ac20	5240	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	5190	Ant1	100	0	0
NVNT	ac40	5230	Ant1	100	0	0
NVNT	ac40	5755	Ant1	100	0	0
NVNT	ac40	5795	Ant1	100	0	0
NVNT	ac80	5210	Ant1	100	0	0
NVNT	ac80	5775	Ant1	100	0	0



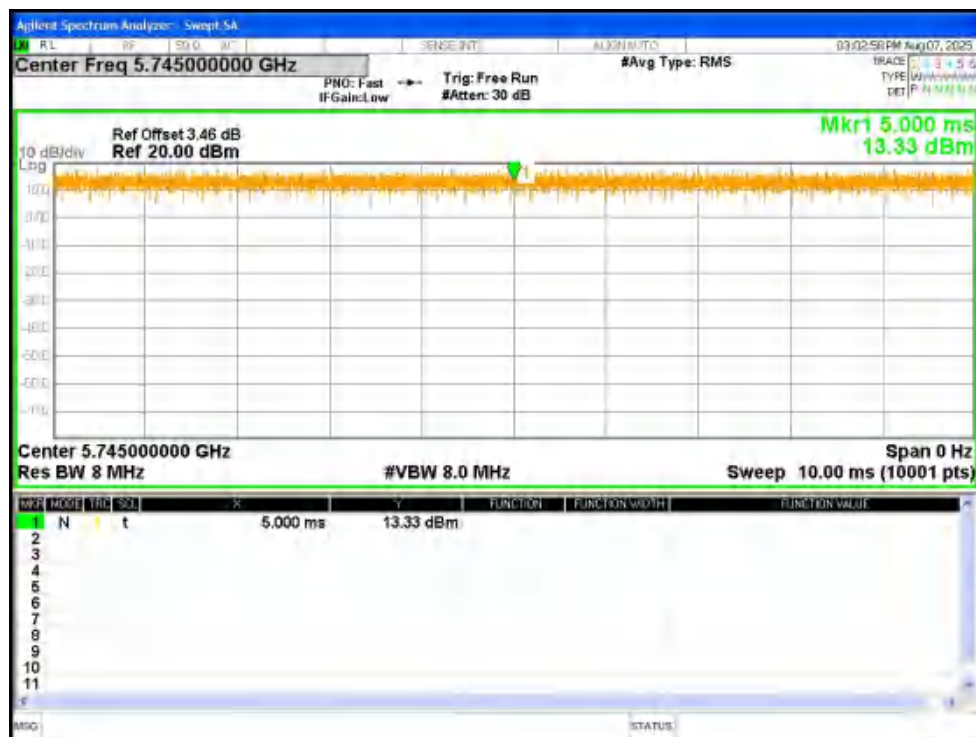
Duty Cycle NVNT a 5180MHz Ant1



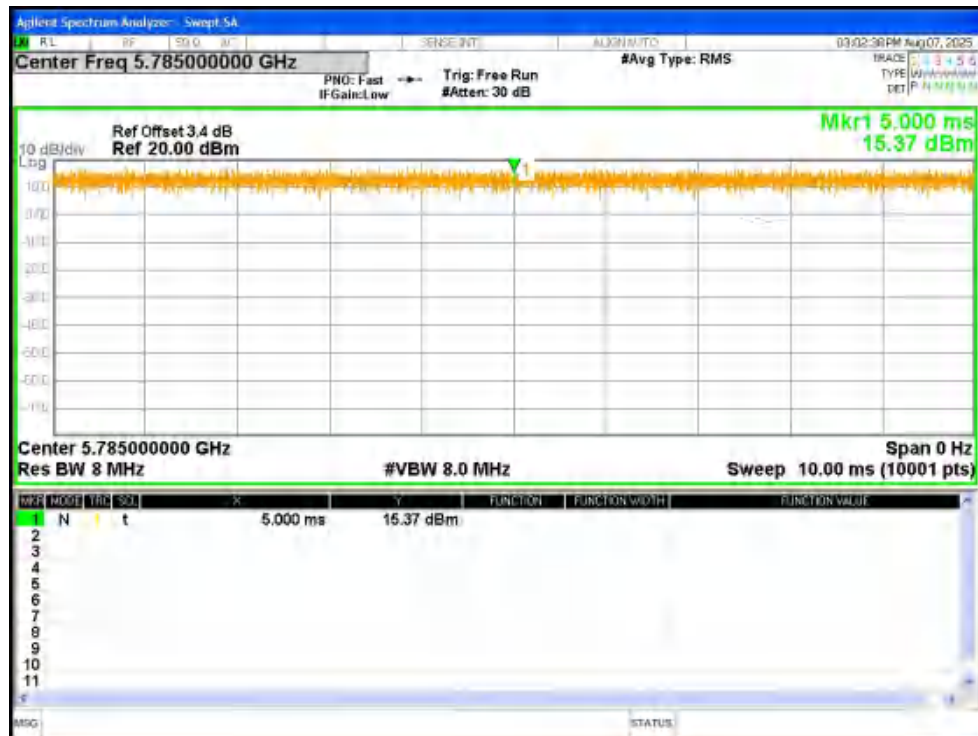
Duty Cycle NVNT a 5200MHz Ant1



Duty Cycle NVNT a 5240MHz Ant1



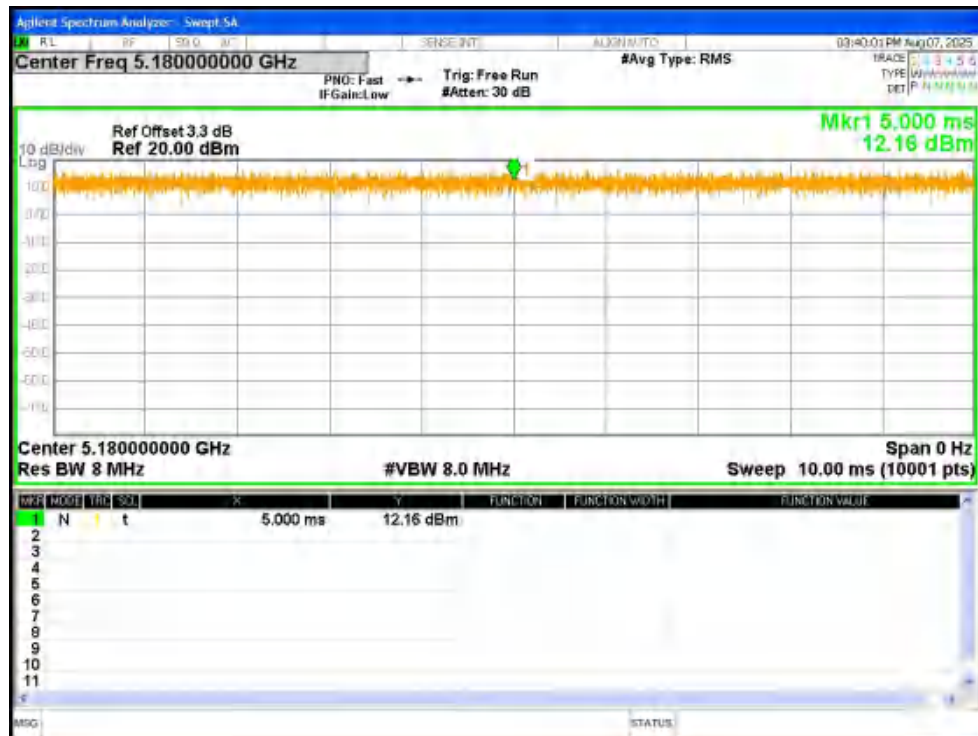
Duty Cycle NVNT a 5745MHz Ant1



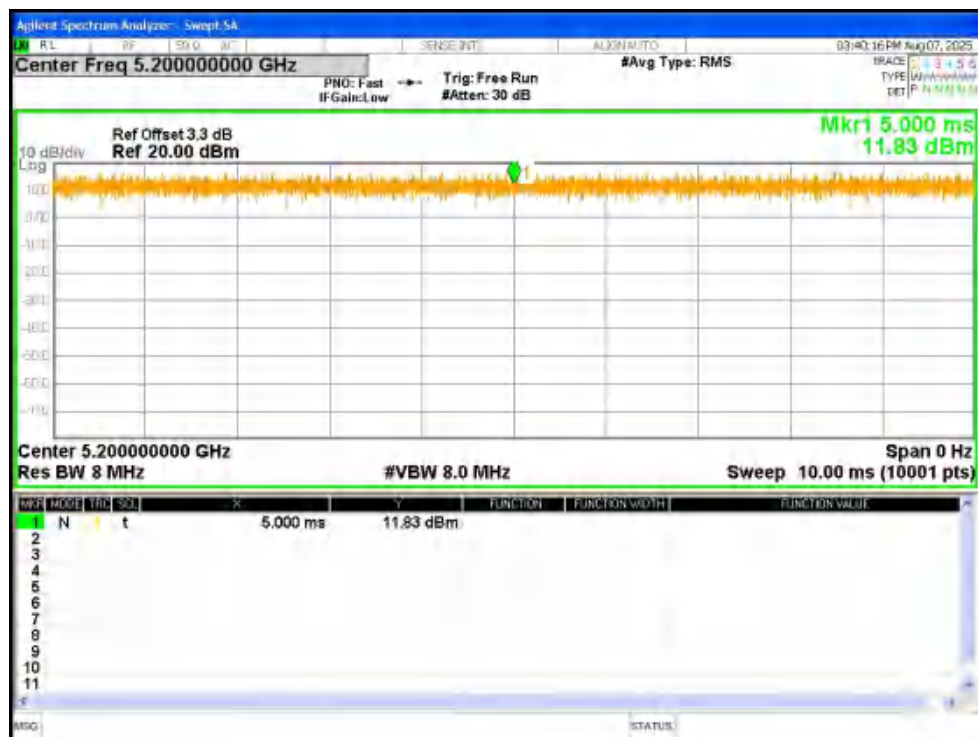
Duty Cycle NVNT a 5785MHz Ant1



Duty Cycle NVNT a 5825MHz Ant1



Duty Cycle NVNT n20 5180MHz Ant1



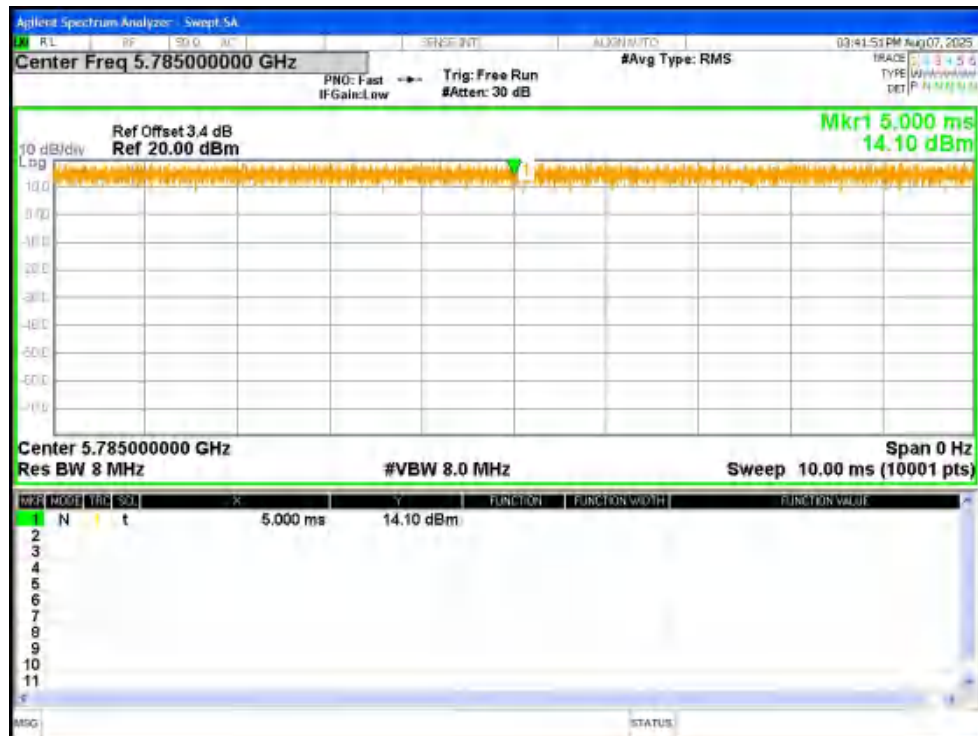
Duty Cycle NVNT n20 5200MHz Ant1



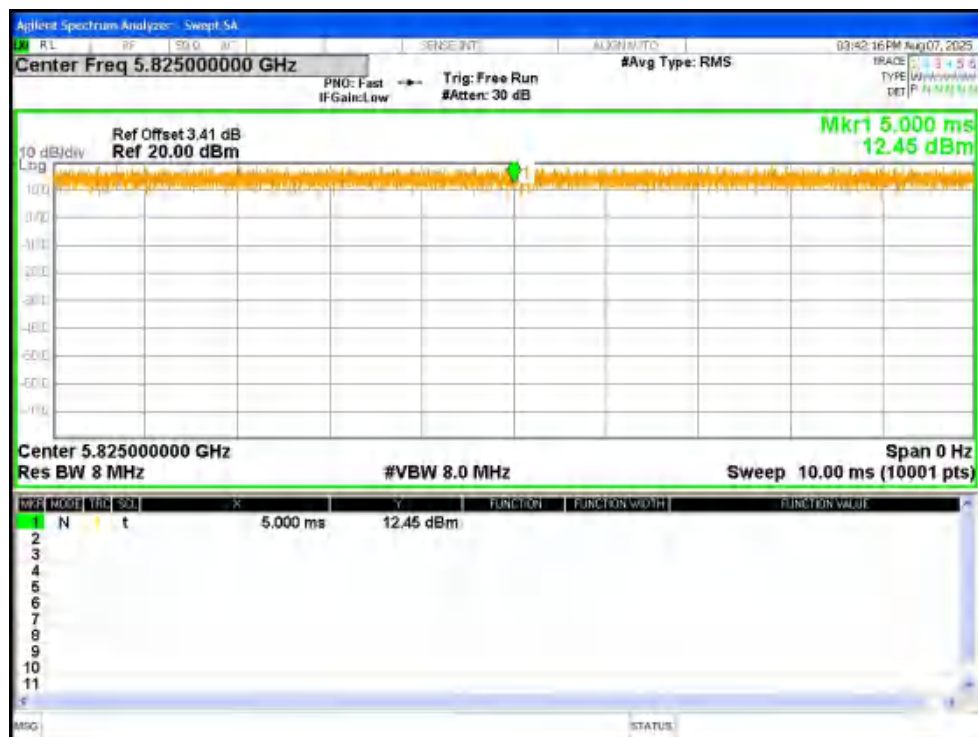
Duty Cycle NVNT n20 5240MHz Ant1



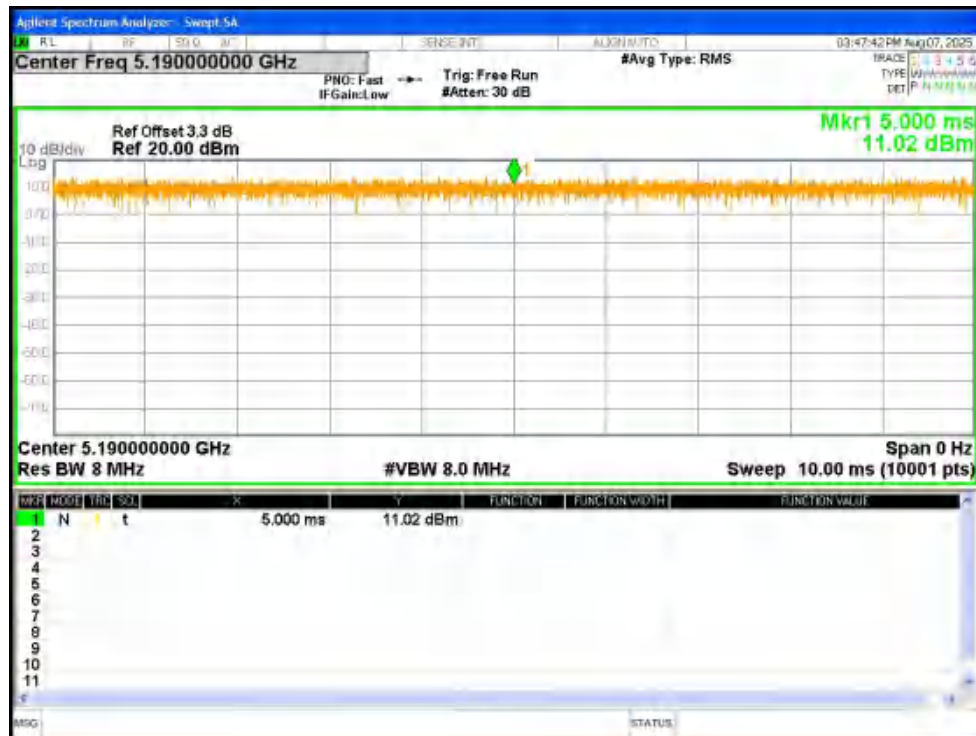
Duty Cycle NVNT n20 5745MHz Ant1



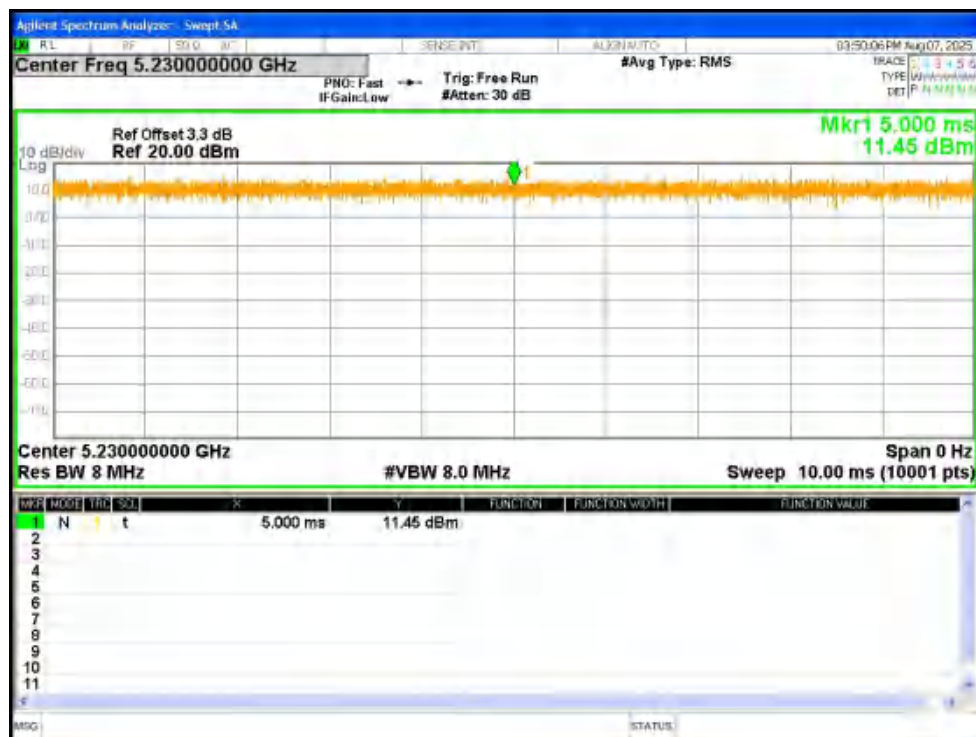
Duty Cycle NVNT n20 5785MHz Ant1



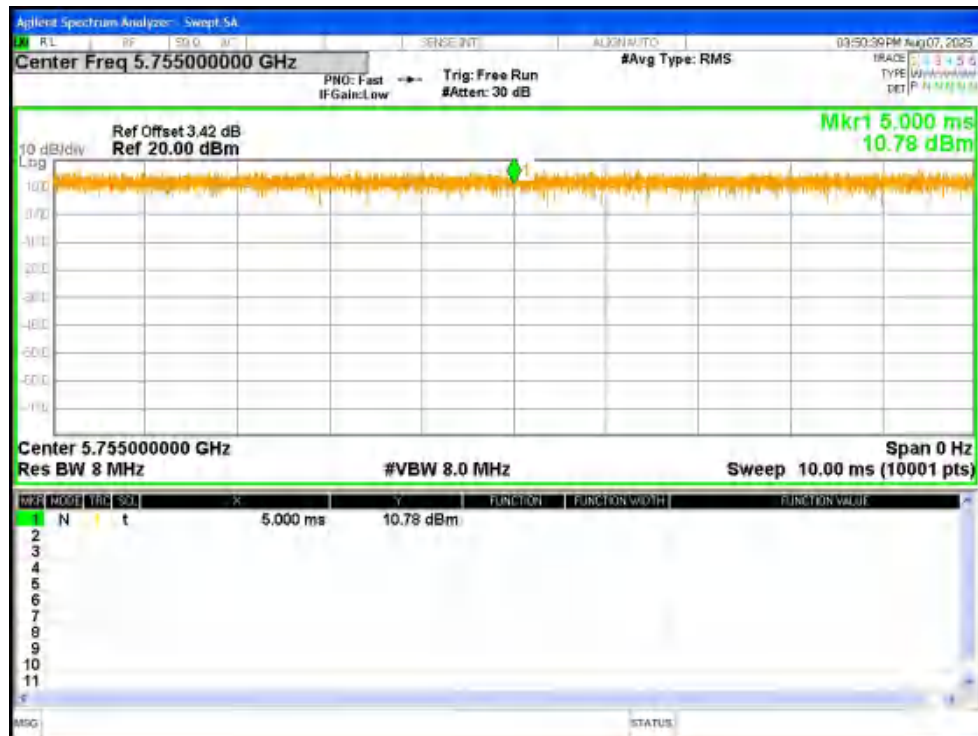
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



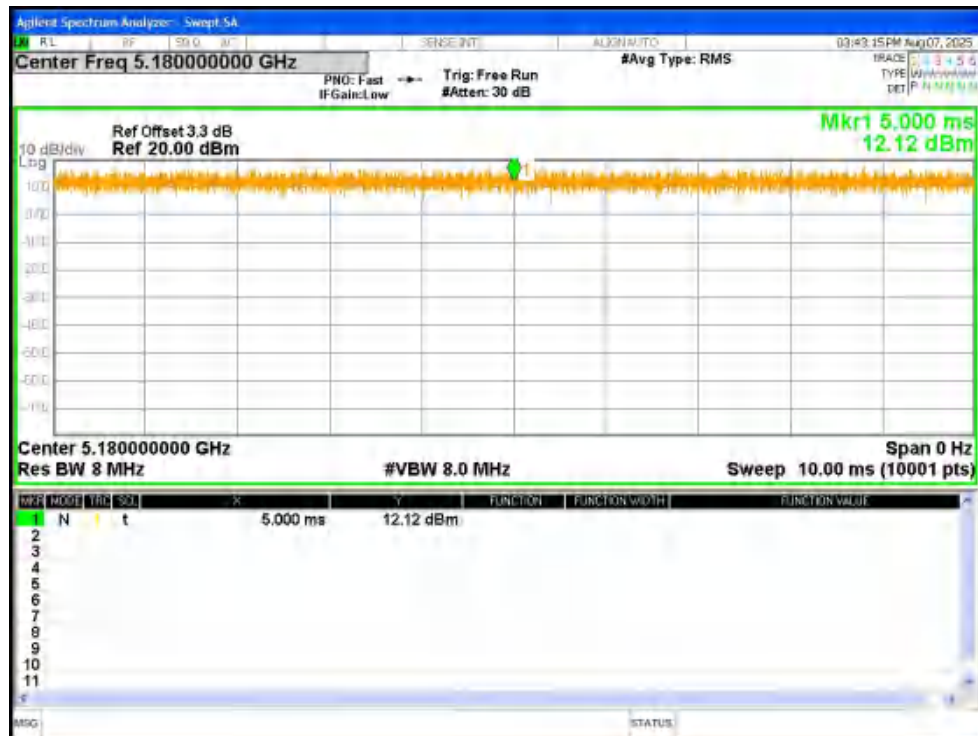
Duty Cycle NVNT n40 5230MHz Ant1



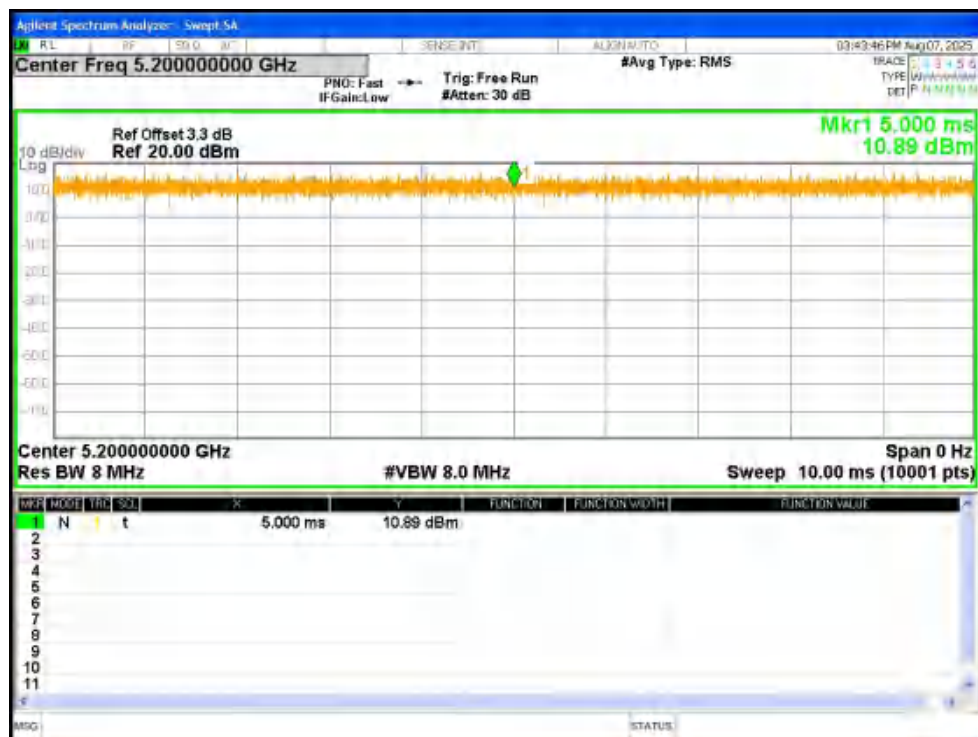
Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



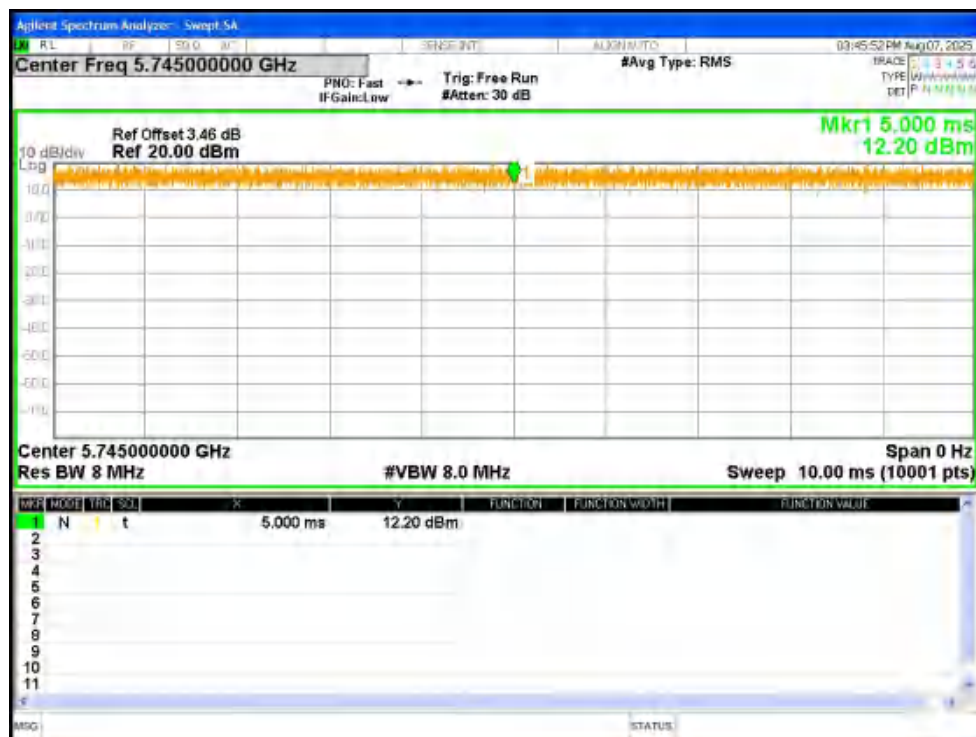
Duty Cycle NVNT ac20 5180MHz Ant1



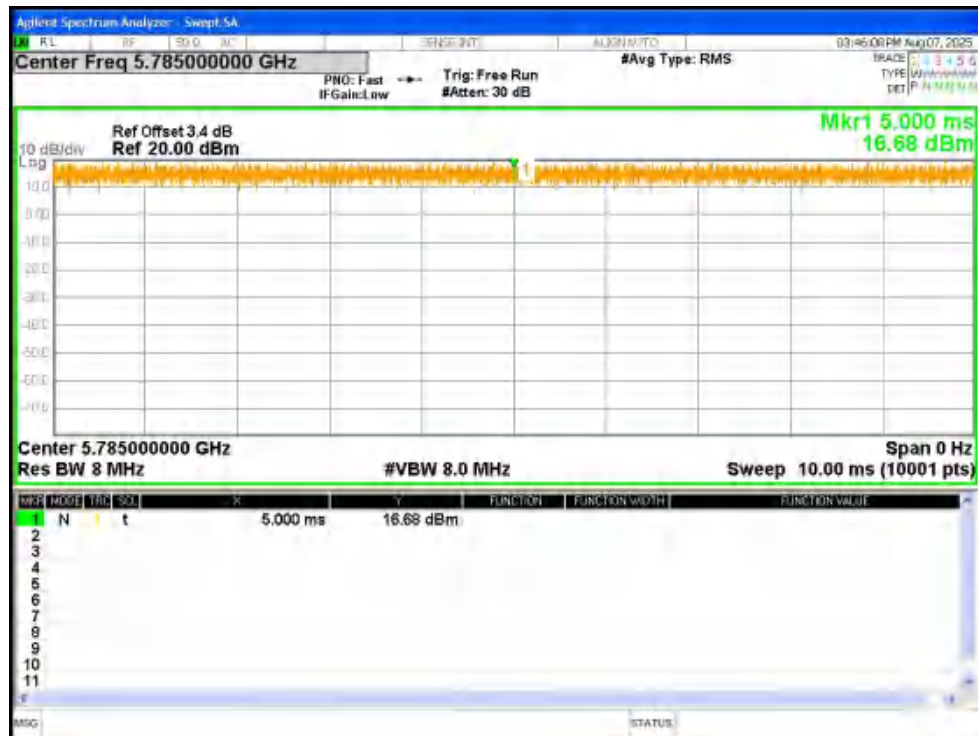
Duty Cycle NVNT ac20 5200MHz Ant1



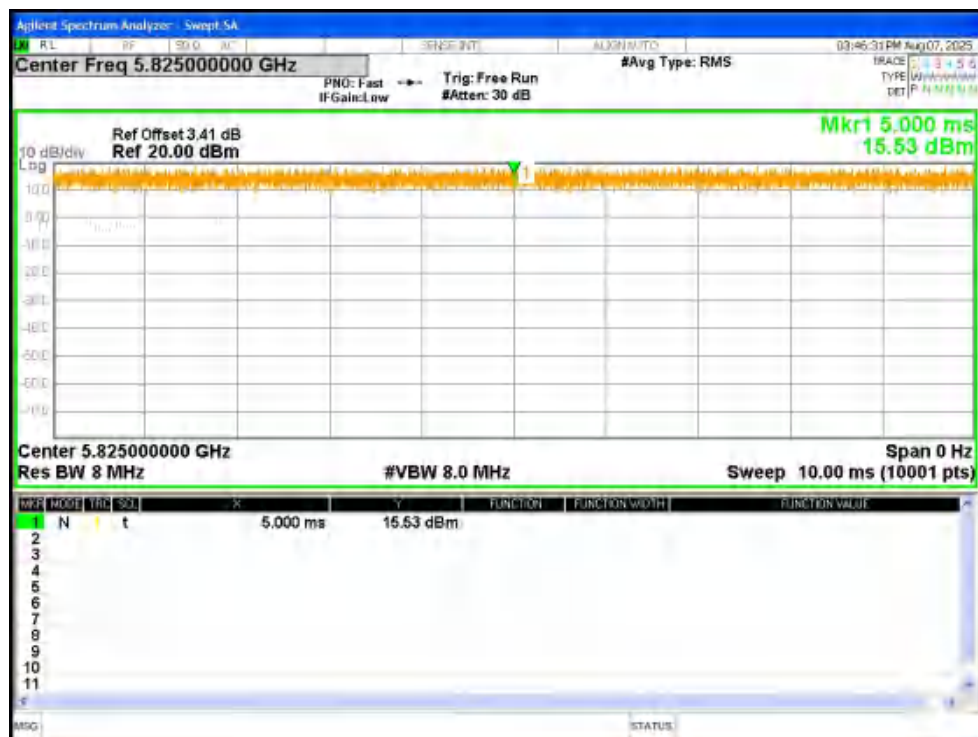
Duty Cycle NVNT ac20 5240MHz Ant1



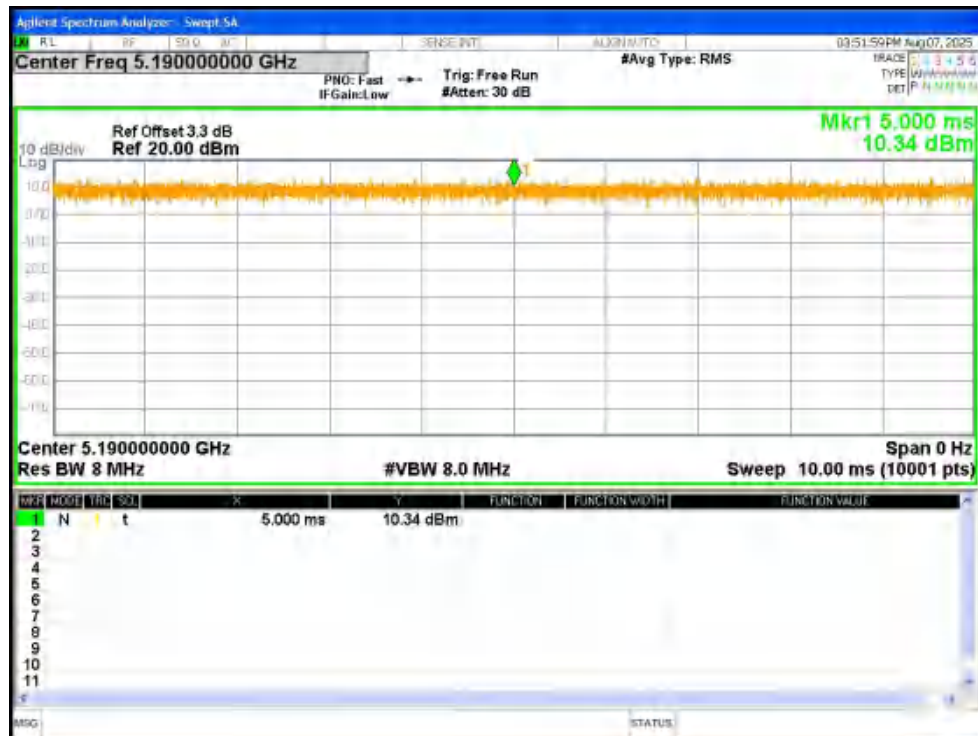
Duty Cycle NVNT ac20 5745MHz Ant1



Duty Cycle NVNT ac20 5785MHz Ant1



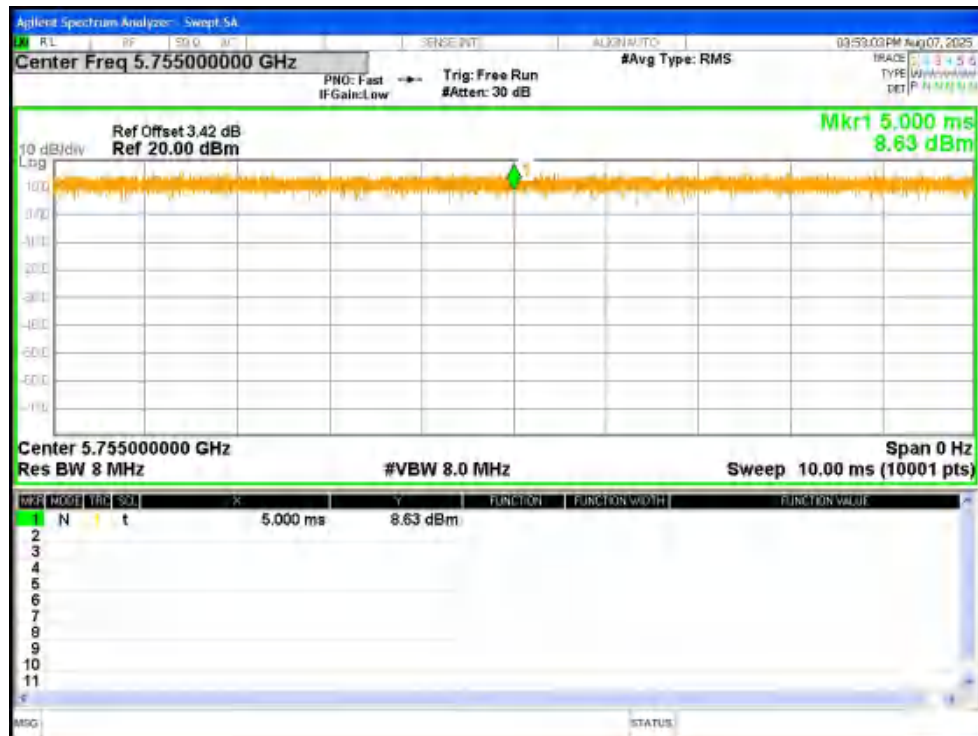
Duty Cycle NVNT ac20 5825MHz Ant1



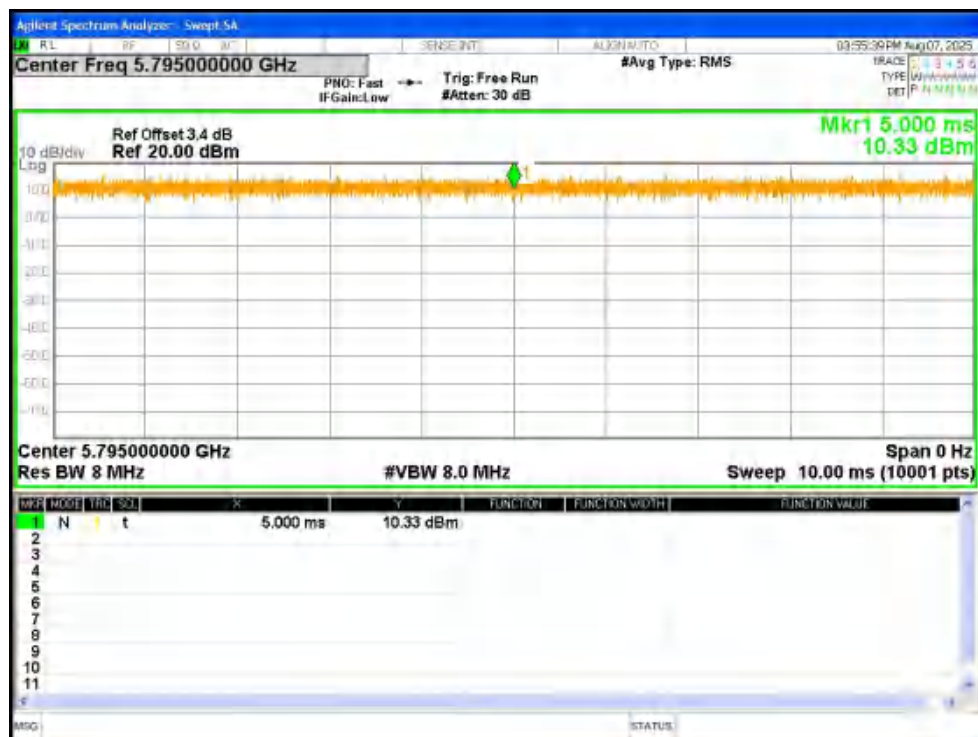
Duty Cycle NVNT ac40 5190MHz Ant1



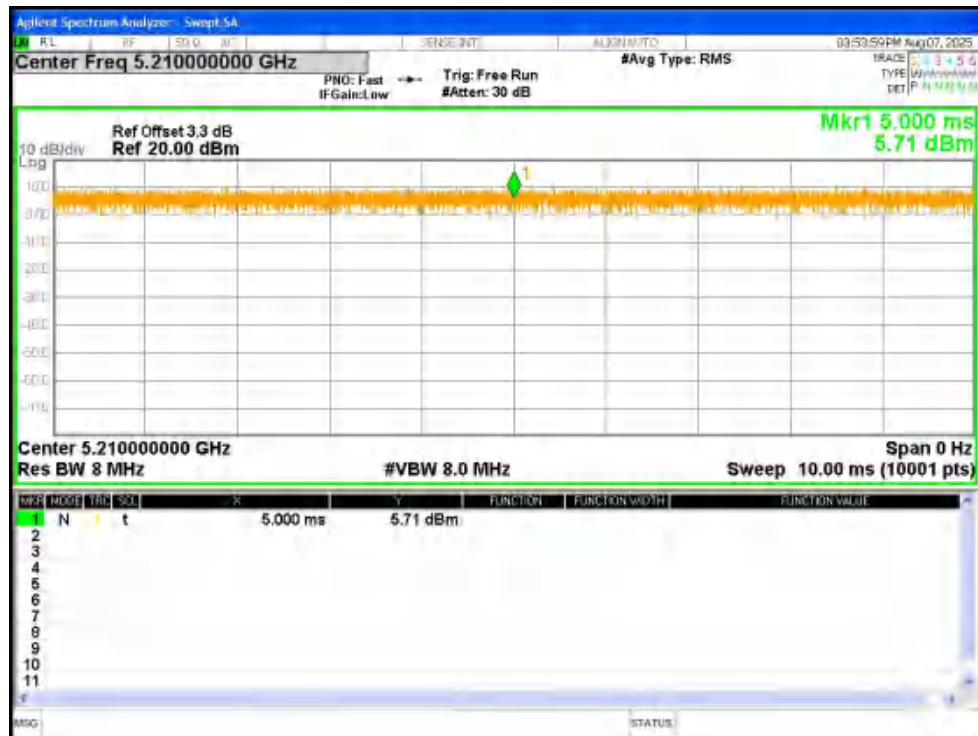
Duty Cycle NVNT ac40 5230MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



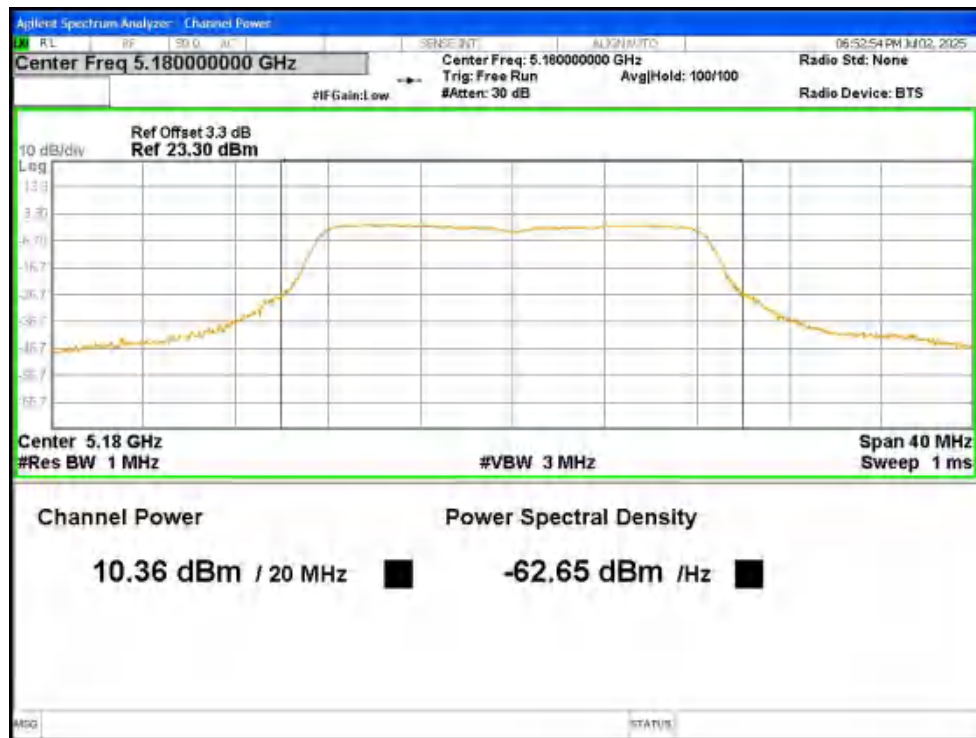
Duty Cycle NVNT ac80 5210MHz Ant1



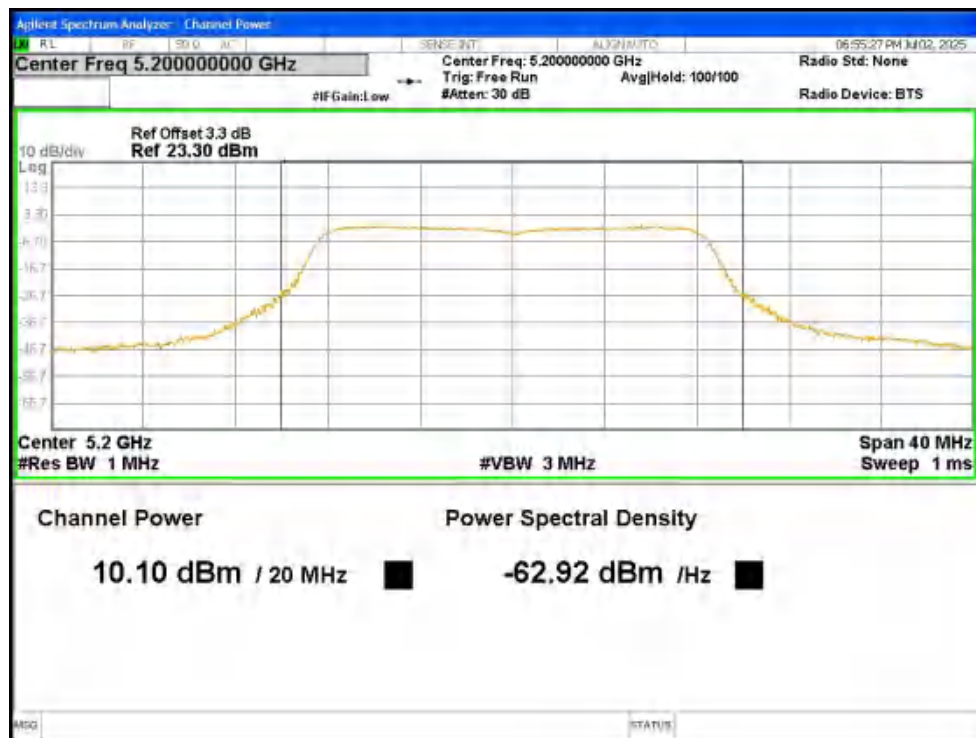
Duty Cycle NVNT ac80 5775MHz Ant1

2. Maximum Conducted Output Power

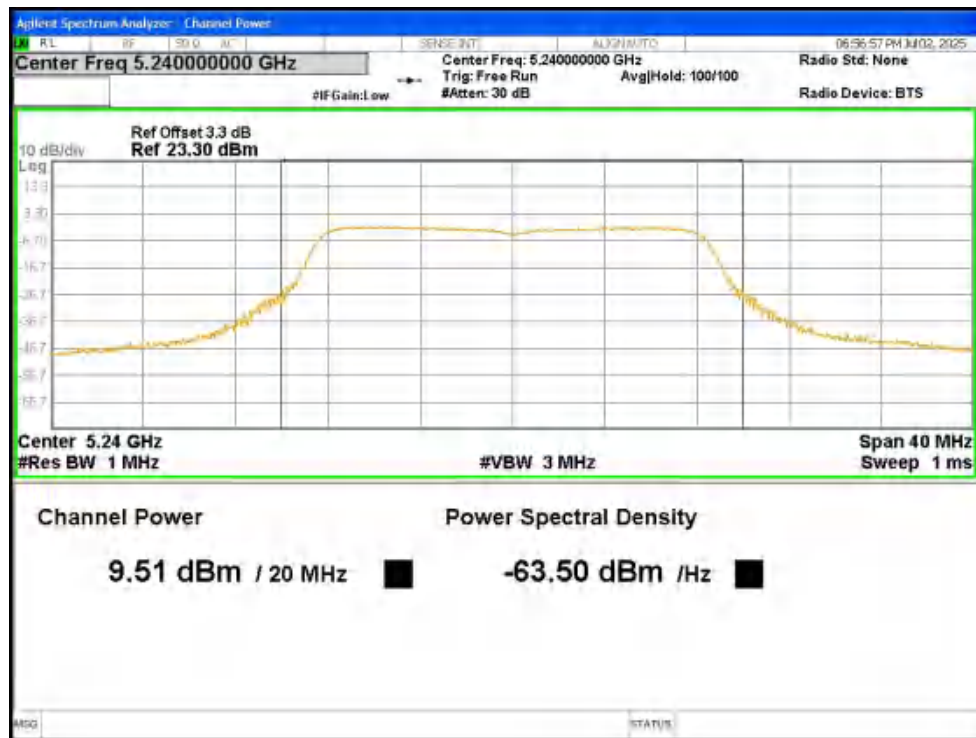
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.36	0	10.36	24	Pass
NVNT	a	5200	Ant1	10.1	0	10.1	24	Pass
NVNT	a	5240	Ant1	9.51	0	9.51	24	Pass
NVNT	a	5745	Ant1	11.37	0	11.37	30	Pass
NVNT	a	5785	Ant1	12.51	0	12.51	30	Pass
NVNT	a	5825	Ant1	11.56	0	11.56	30	Pass
NVNT	n20	5180	Ant1	10.69	0	10.69	24	Pass
NVNT	n20	5200	Ant1	9.42	0	9.42	24	Pass
NVNT	n20	5240	Ant1	8.79	0	8.79	24	Pass
NVNT	n20	5745	Ant1	13.18	0	13.18	30	Pass
NVNT	n20	5785	Ant1	12.89	0	12.89	30	Pass
NVNT	n20	5825	Ant1	12.49	0	12.49	30	Pass
NVNT	n40	5190	Ant1	10.27	0	10.27	24	Pass
NVNT	n40	5230	Ant1	9.2	0	9.2	24	Pass
NVNT	n40	5755	Ant1	11.67	0	11.67	30	Pass
NVNT	n40	5795	Ant1	12.25	0	12.25	30	Pass
NVNT	ac20	5180	Ant1	9.99	0	9.99	24	Pass
NVNT	ac20	5200	Ant1	9.48	0	9.48	24	Pass
NVNT	ac20	5240	Ant1	8.69	0	8.69	24	Pass
NVNT	ac20	5745	Ant1	12.3	0	12.3	30	Pass
NVNT	ac20	5785	Ant1	12.13	0	12.13	30	Pass
NVNT	ac20	5825	Ant1	12.08	0	12.08	30	Pass
NVNT	ac40	5190	Ant1	10.44	0	10.44	24	Pass
NVNT	ac40	5230	Ant1	8.86	0	8.86	24	Pass
NVNT	ac40	5755	Ant1	12.08	0	12.08	30	Pass
NVNT	ac40	5795	Ant1	12.57	0	12.57	30	Pass
NVNT	ac80	5210	Ant1	12.25	0	12.25	24	Pass
NVNT	ac80	5775	Ant1	12.14	0	12.14	30	Pass



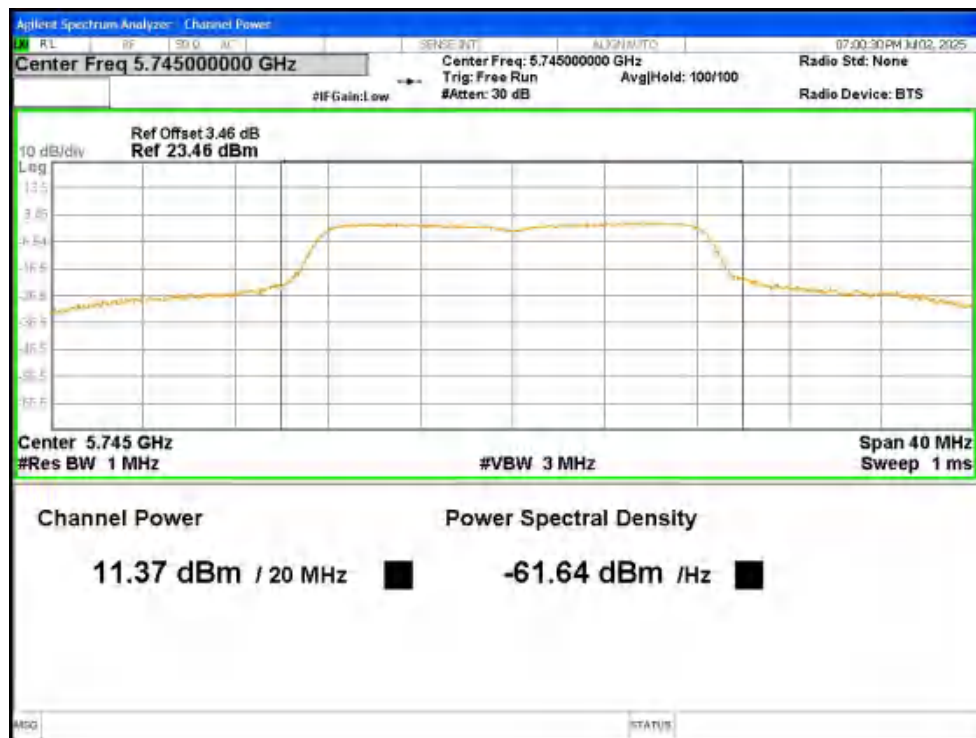
Power NVNT a 5180MHz Ant1



Power NVNT a 5200MHz Ant1



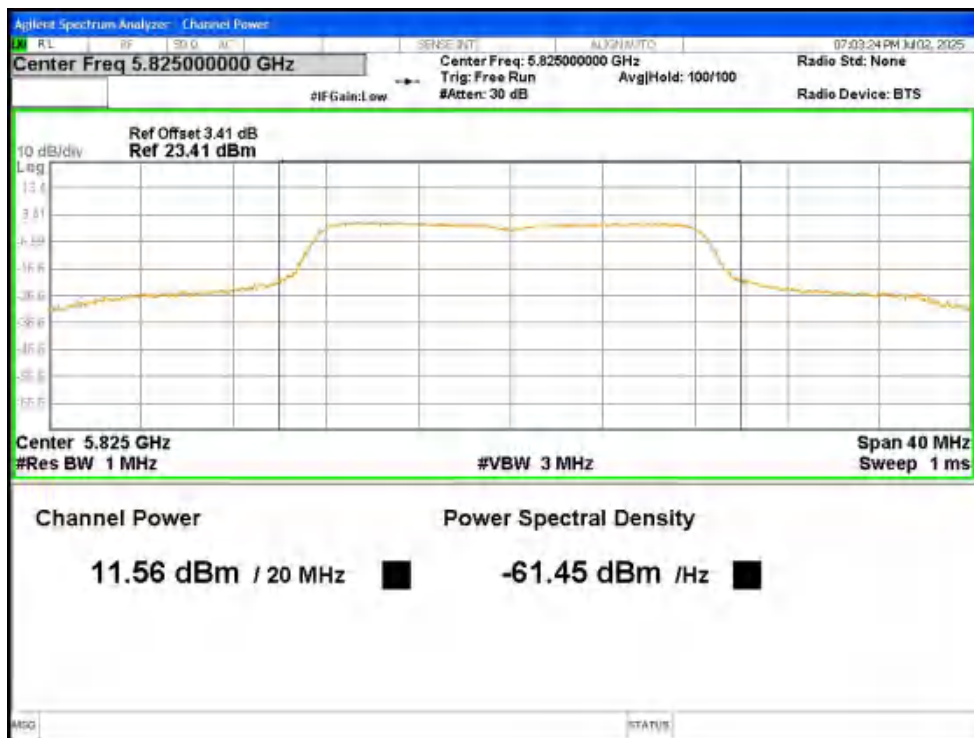
Power NVNT a 5240MHz Ant1



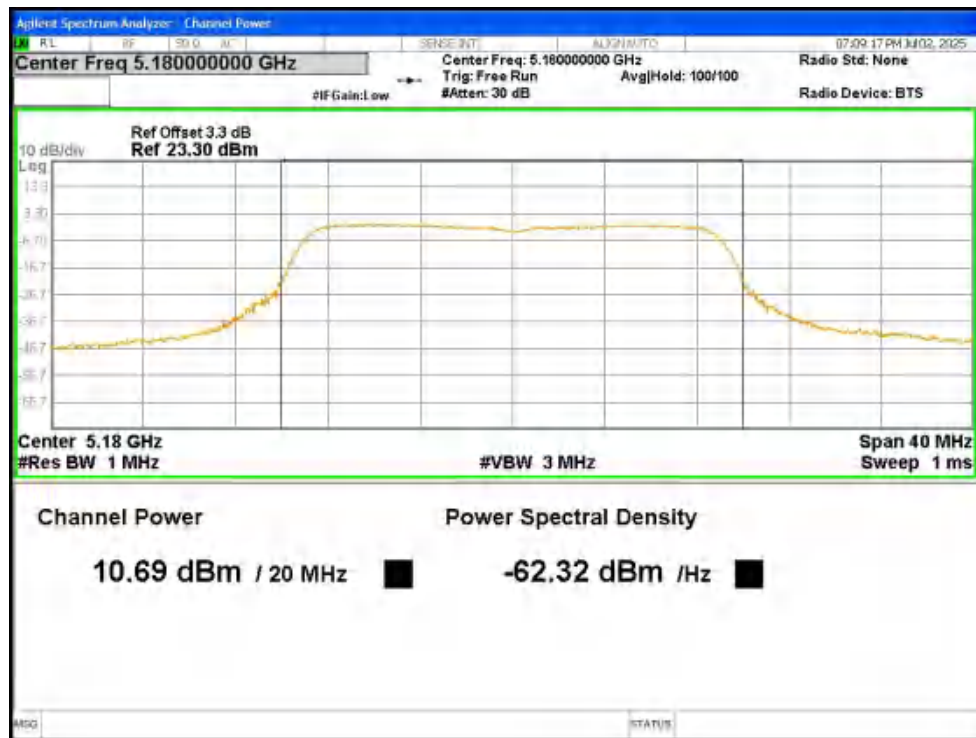
Power NVNT a 5745MHz Ant1



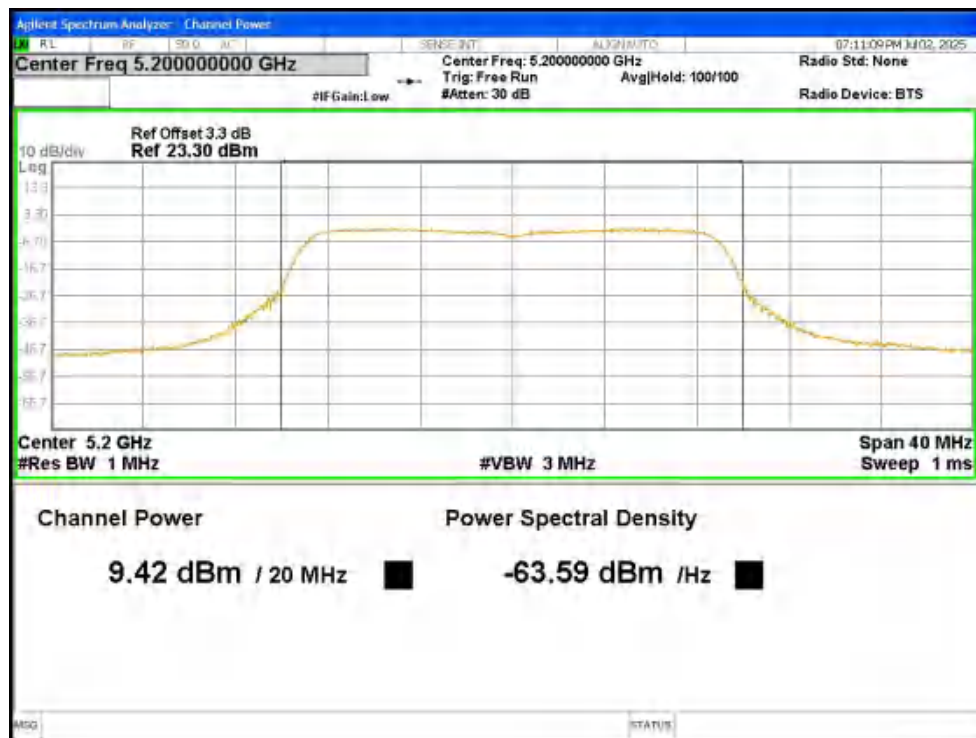
Power NVNT a 5785MHz Ant1



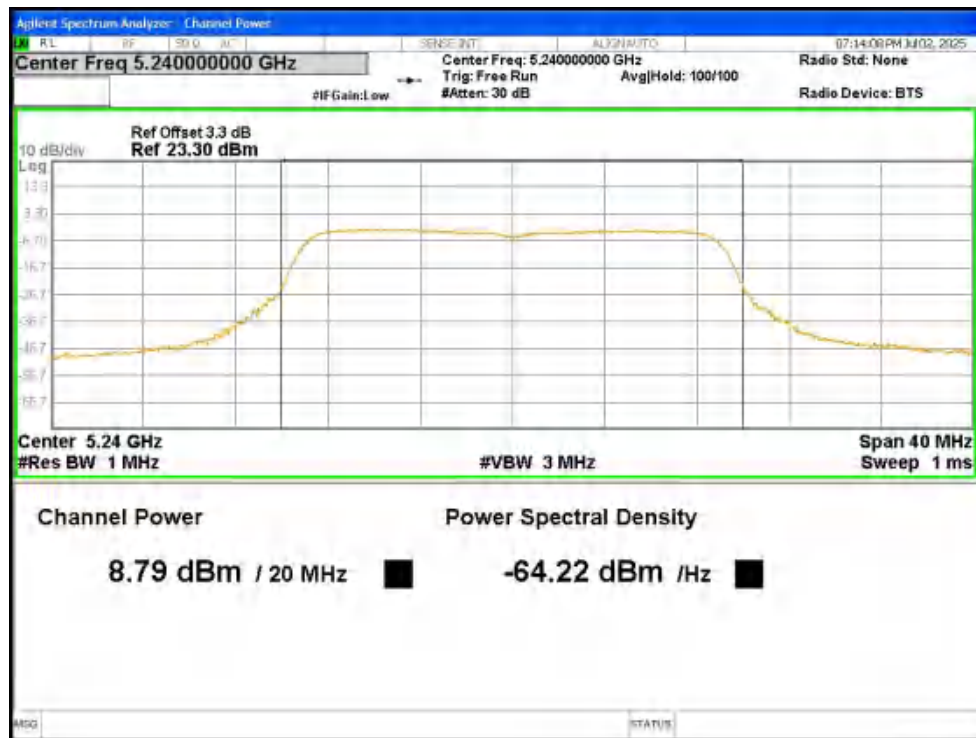
Power NVNT a 5825MHz Ant1



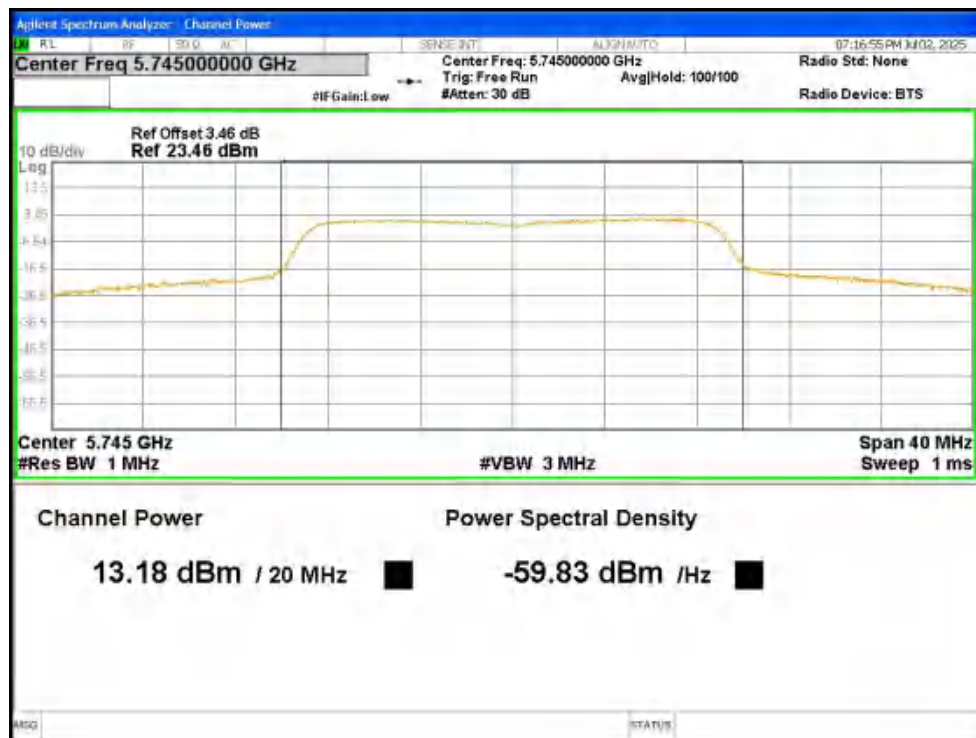
Power NVNT n20 5180MHz Ant1



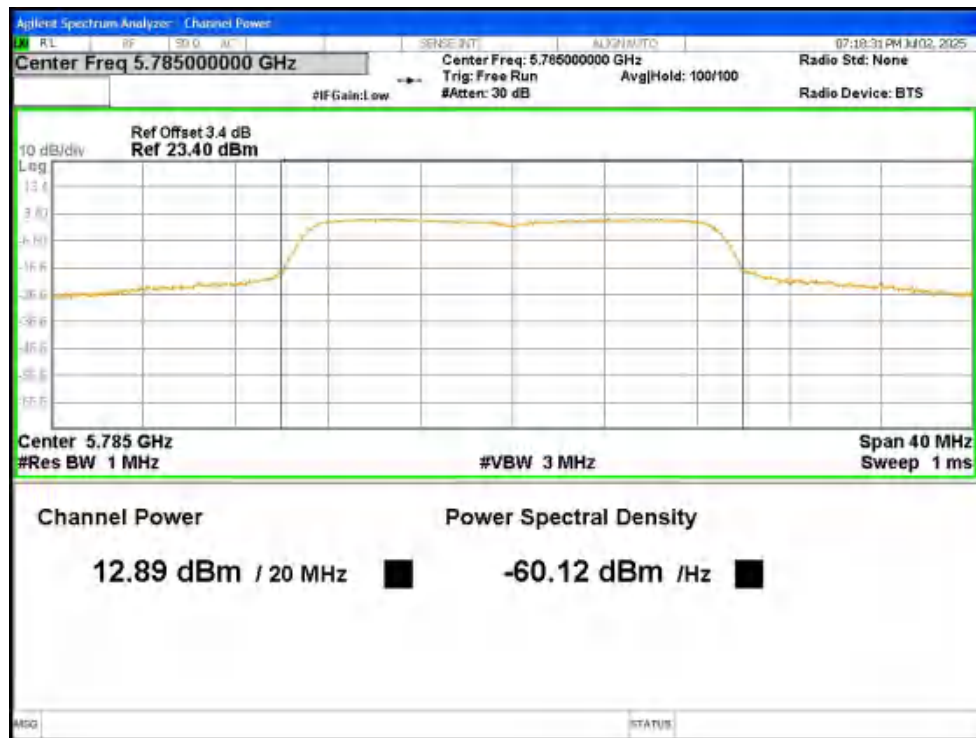
Power NVNT n20 5200MHz Ant1



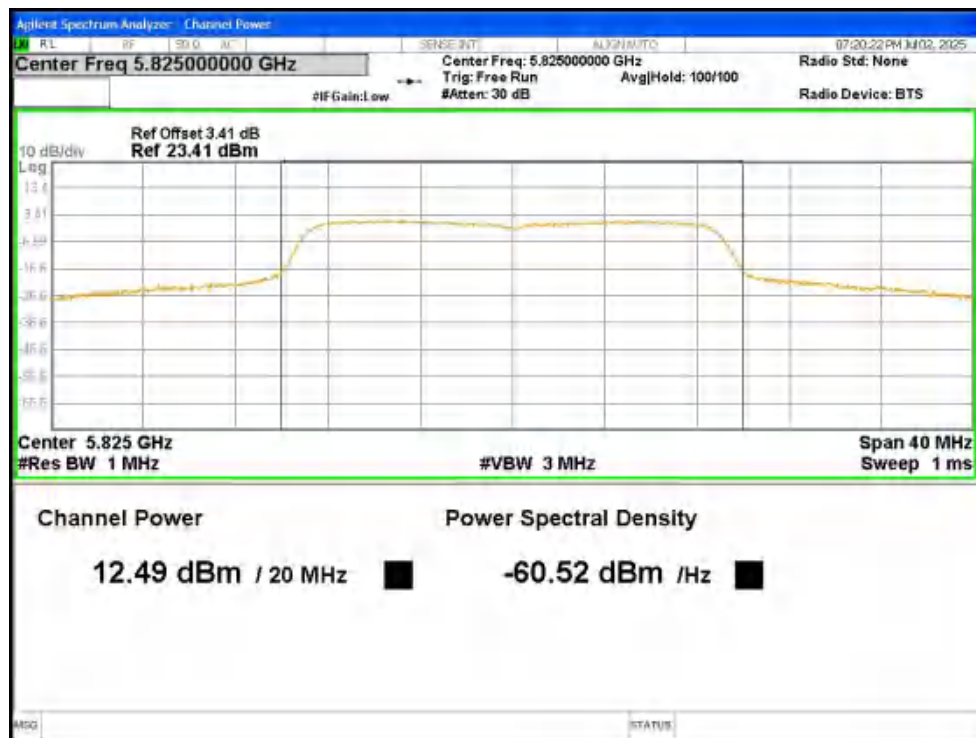
Power NVNT n20 5240MHz Ant1



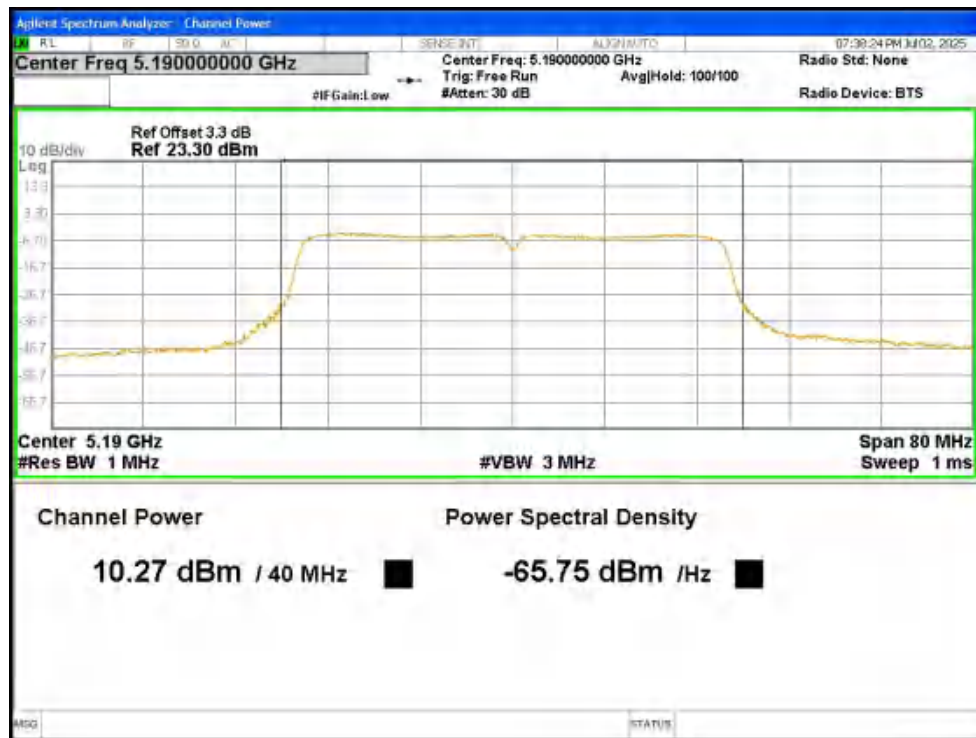
Power NVNT n20 5745MHz Ant1



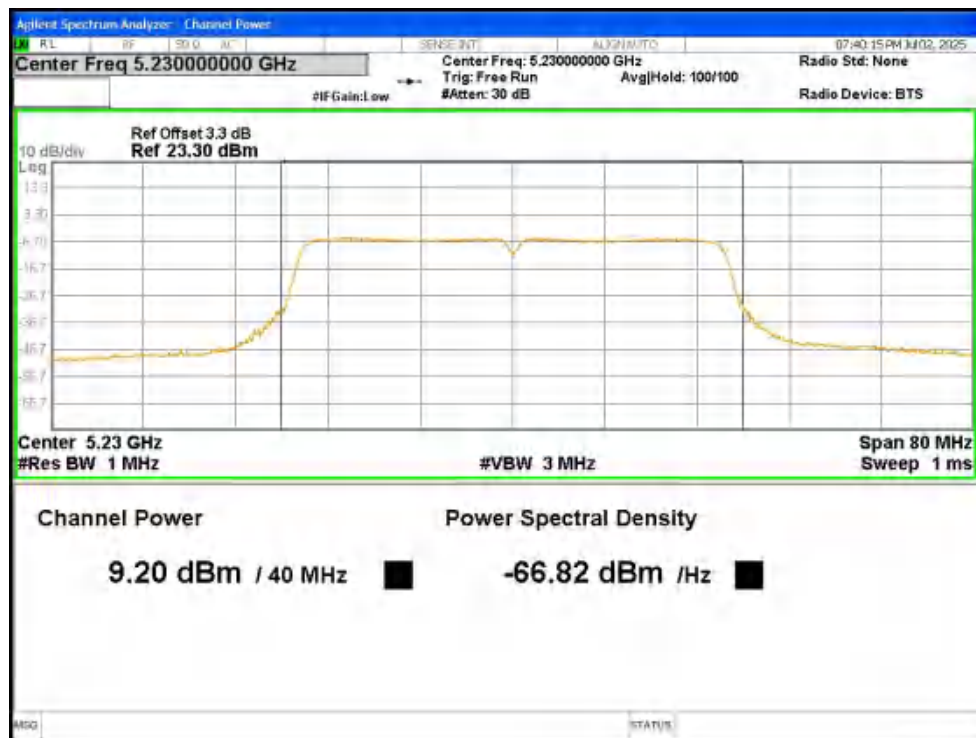
Power NVNT n20 5785MHz Ant1



Power NVNT n20 5825MHz Ant1



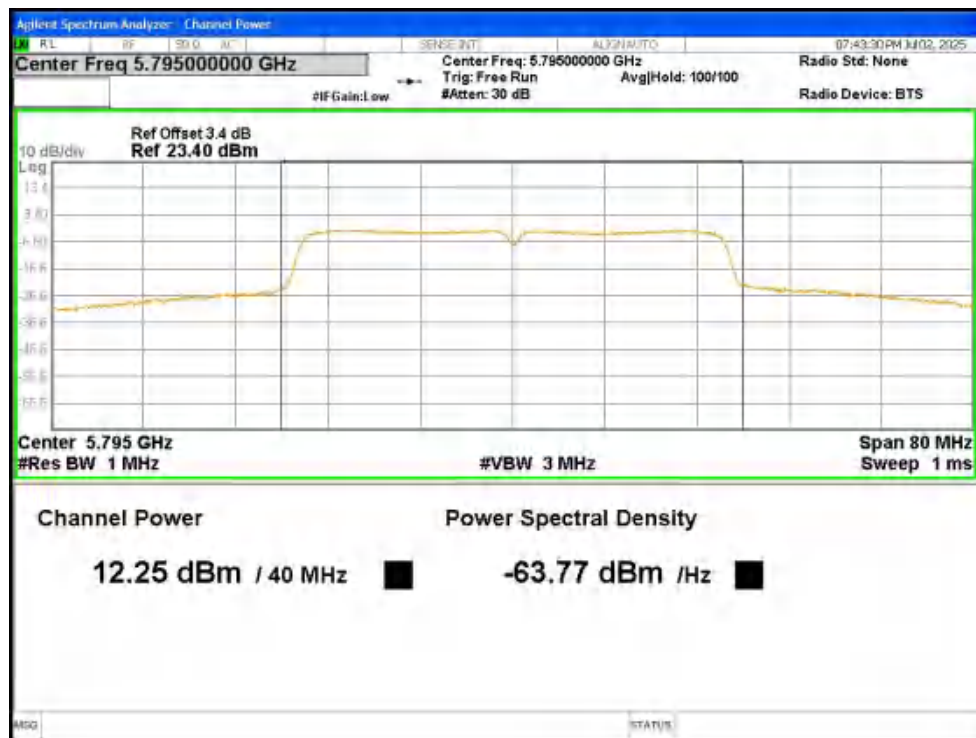
Power NVNT n40 5190MHz Ant1



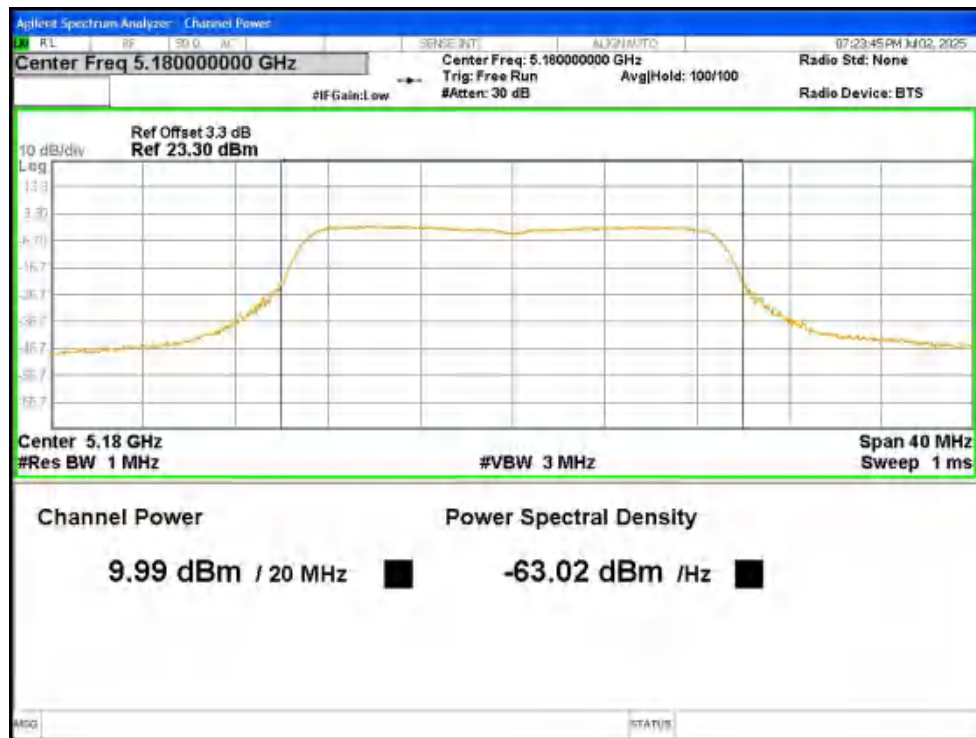
Power NVNT n40 5230MHz Ant1



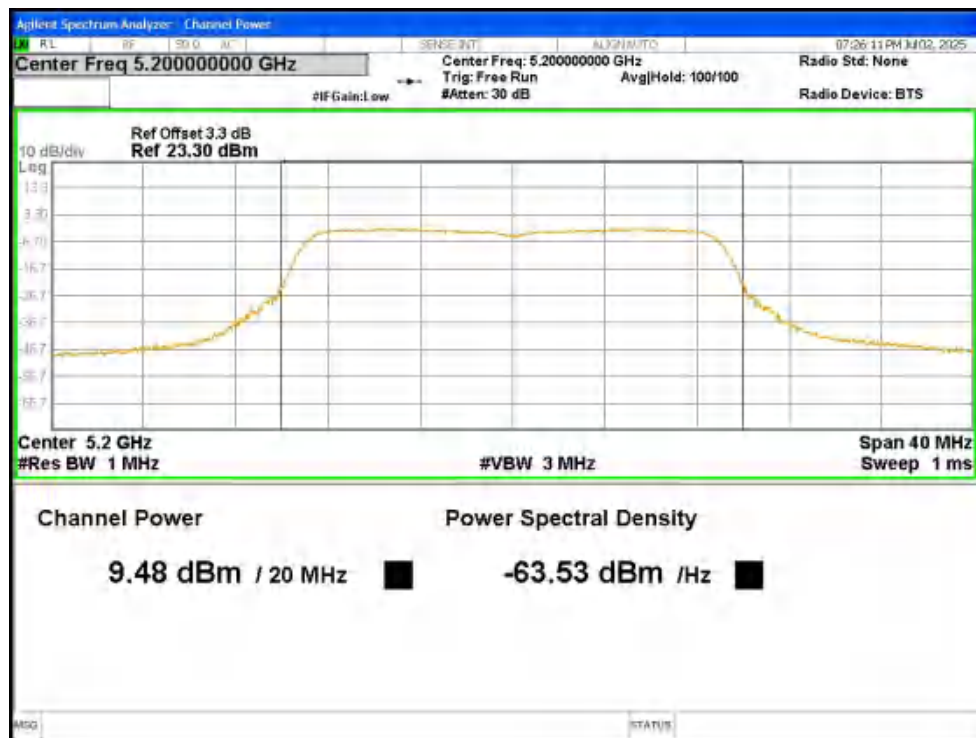
Power NVNT n40 5755MHz Ant1



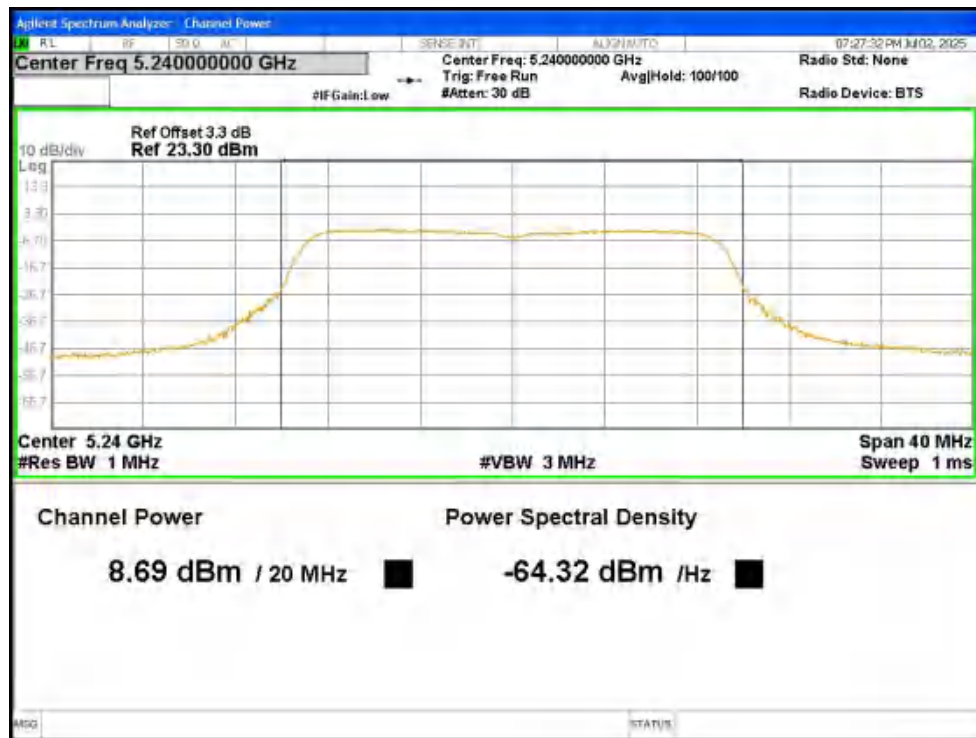
Power NVNT n40 5795MHz Ant1



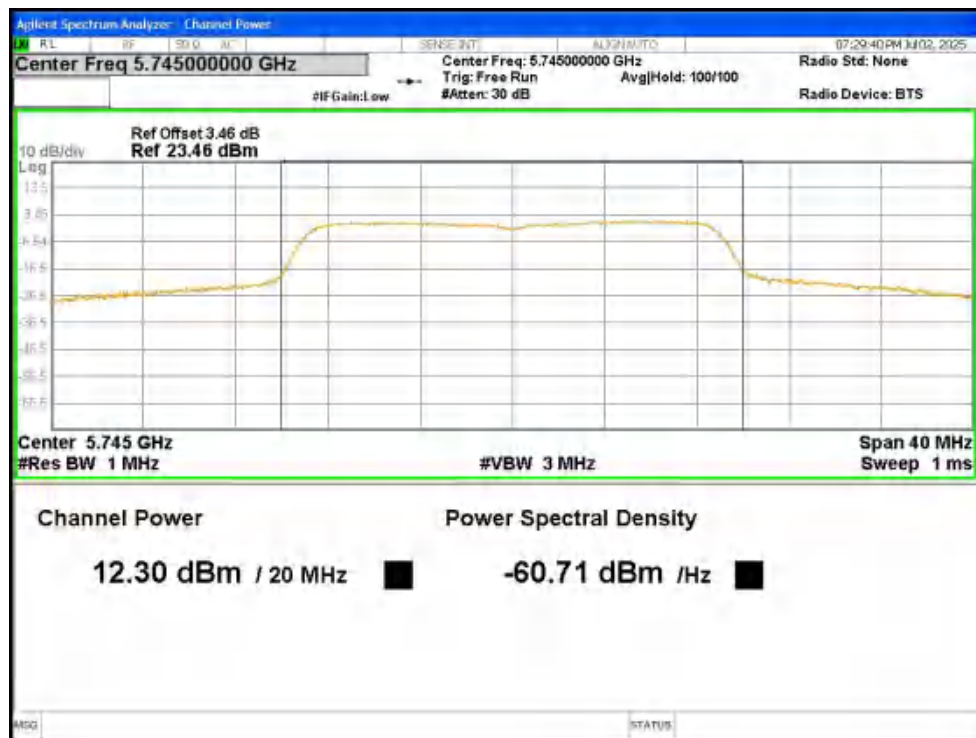
Power NVNT ac20 5180MHz Ant1



Power NVNT ac20 5200MHz Ant1



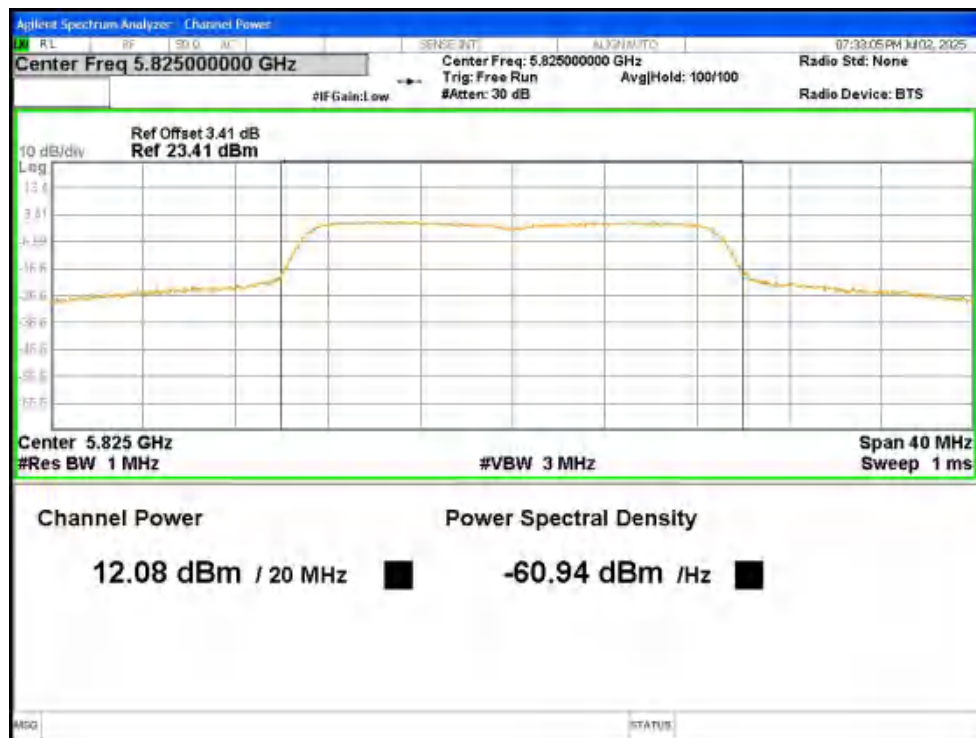
Power NVNT ac20 5240MHz Ant1



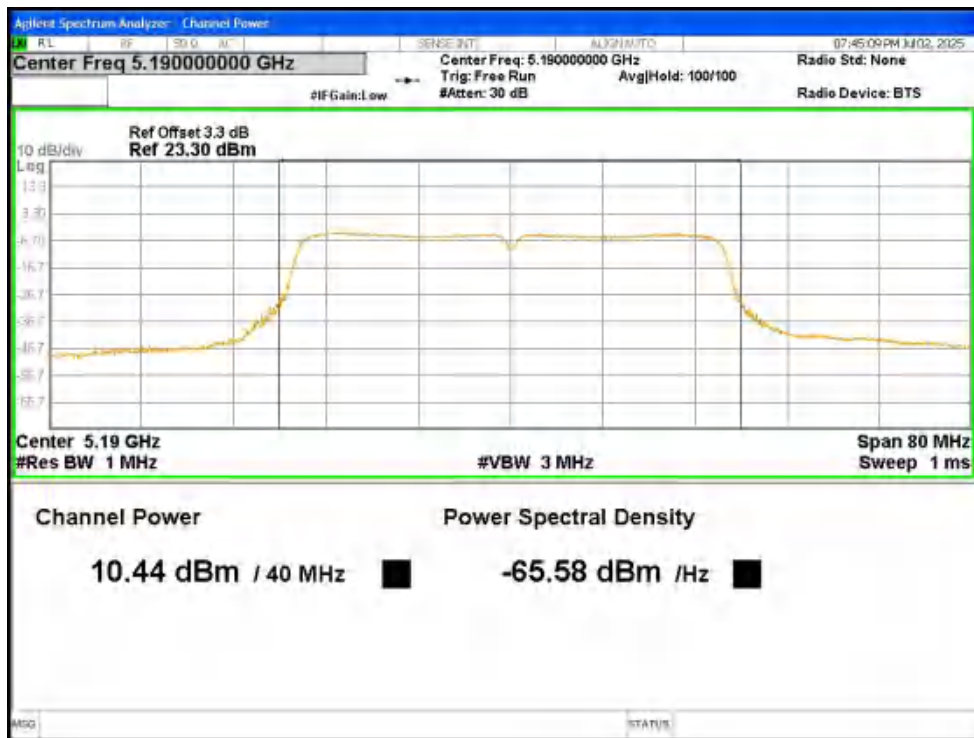
Power NVNT ac20 5745MHz Ant1



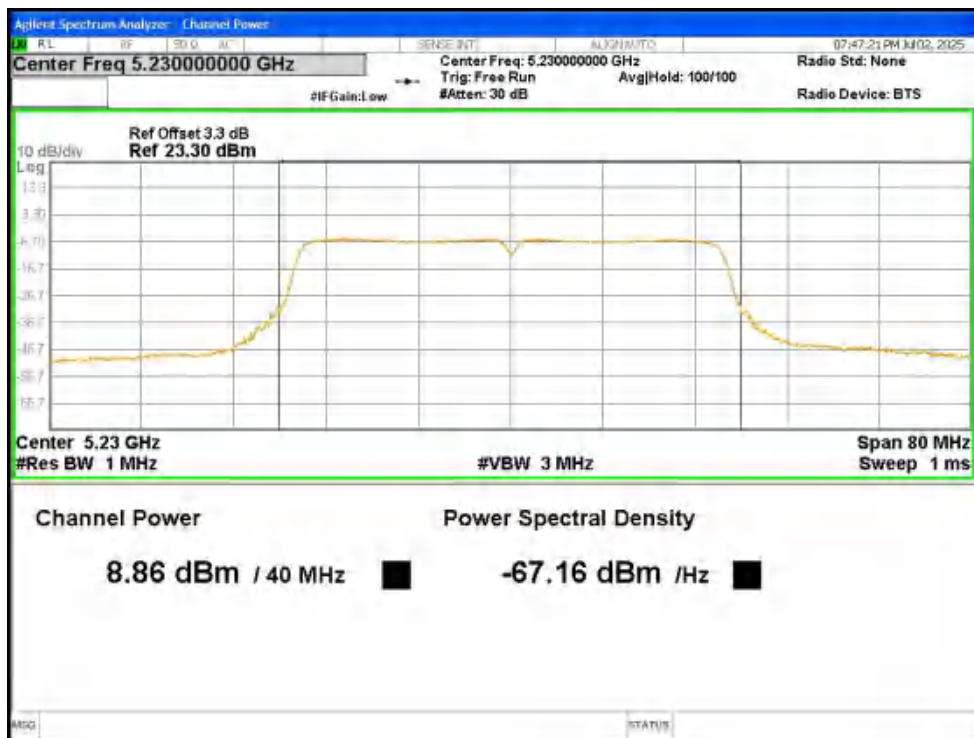
Power NVNT ac20 5785MHz Ant1



Power NVNT ac20 5825MHz Ant1



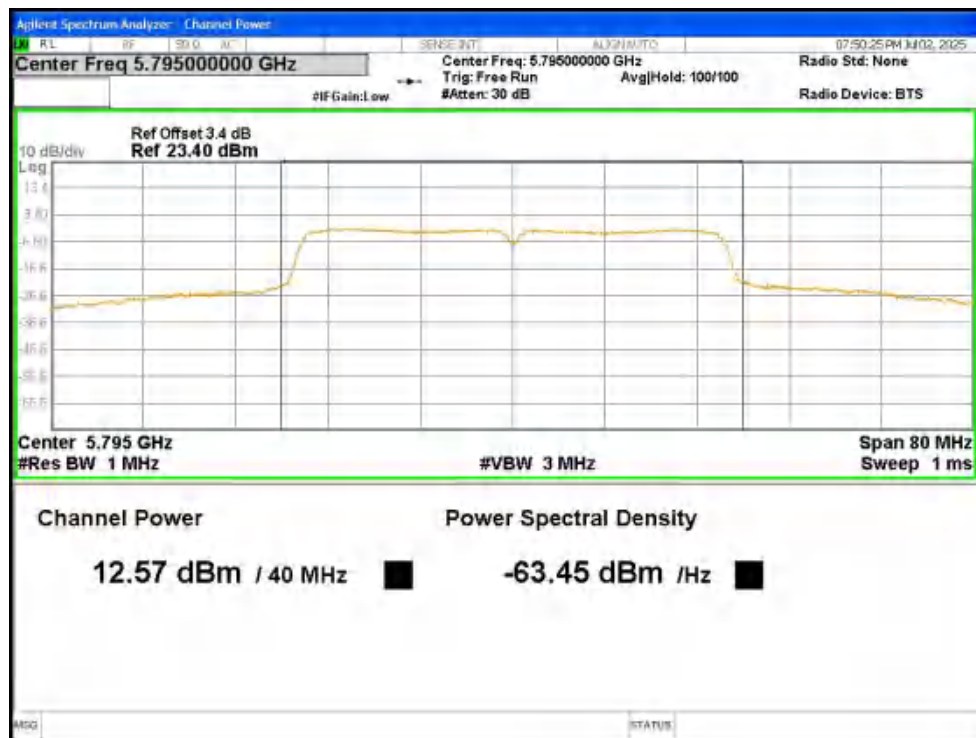
Power NVNT ac40 5190MHz Ant1



Power NVNT ac40 5230MHz Ant1



Power NVNT ac40 5755MHz Ant1



Power NVNT ac40 5795MHz Ant1



Power NVNT ac80 5210MHz Ant1



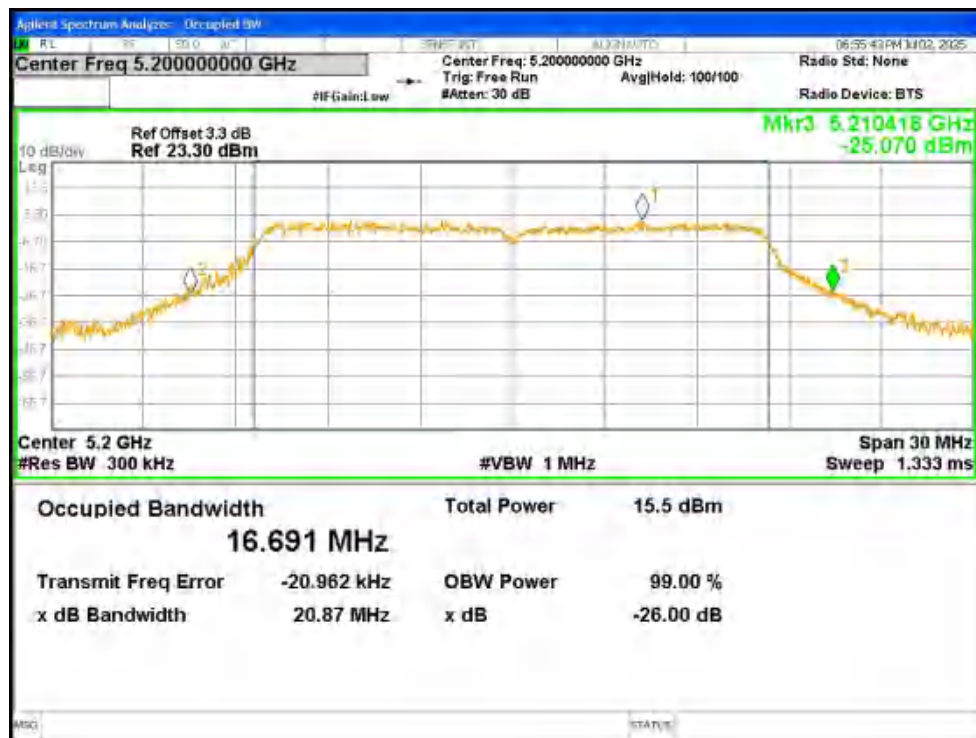
Power NVNT ac80 5775MHz Ant1

3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.899	Pass
NVNT	a	5200	Ant1	20.875	Pass
NVNT	a	5240	Ant1	21.222	Pass
NVNT	n20	5180	Ant1	21.648	Pass
NVNT	n20	5200	Ant1	21.626	Pass
NVNT	n20	5240	Ant1	21.633	Pass
NVNT	n40	5190	Ant1	41.13	Pass
NVNT	n40	5230	Ant1	42.009	Pass
NVNT	ac20	5180	Ant1	21.608	Pass
NVNT	ac20	5200	Ant1	21.669	Pass
NVNT	ac20	5240	Ant1	21.463	Pass
NVNT	ac40	5190	Ant1	41.688	Pass
NVNT	ac40	5230	Ant1	41.838	Pass
NVNT	ac80	5210	Ant1	81.054	Pass



-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



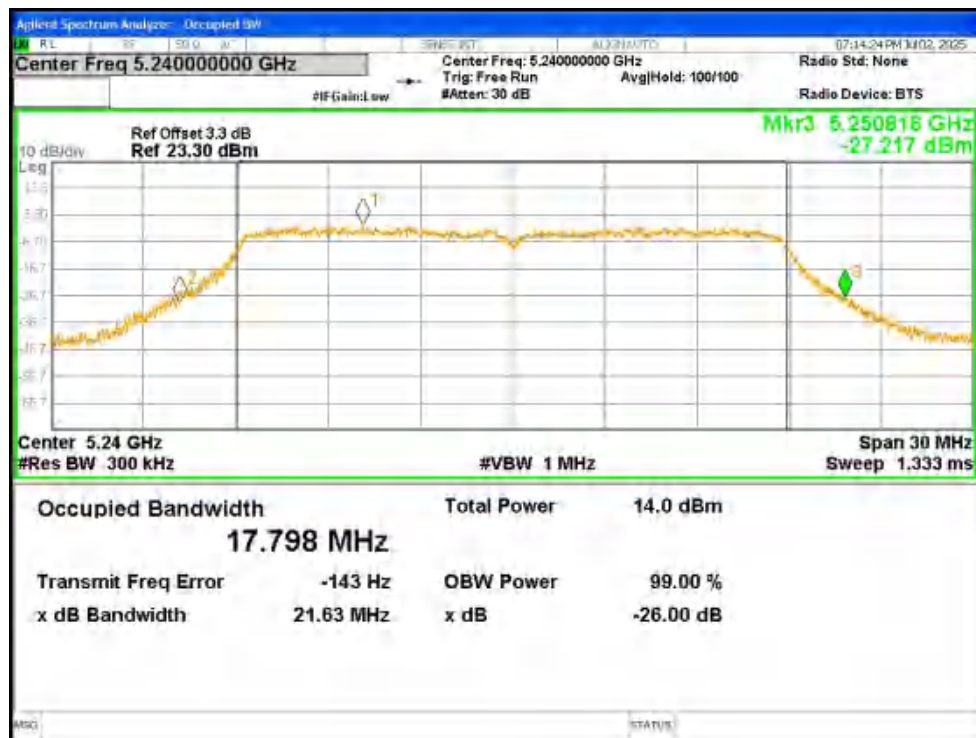
-26dB Bandwidth NVNT a 5240MHz Ant1



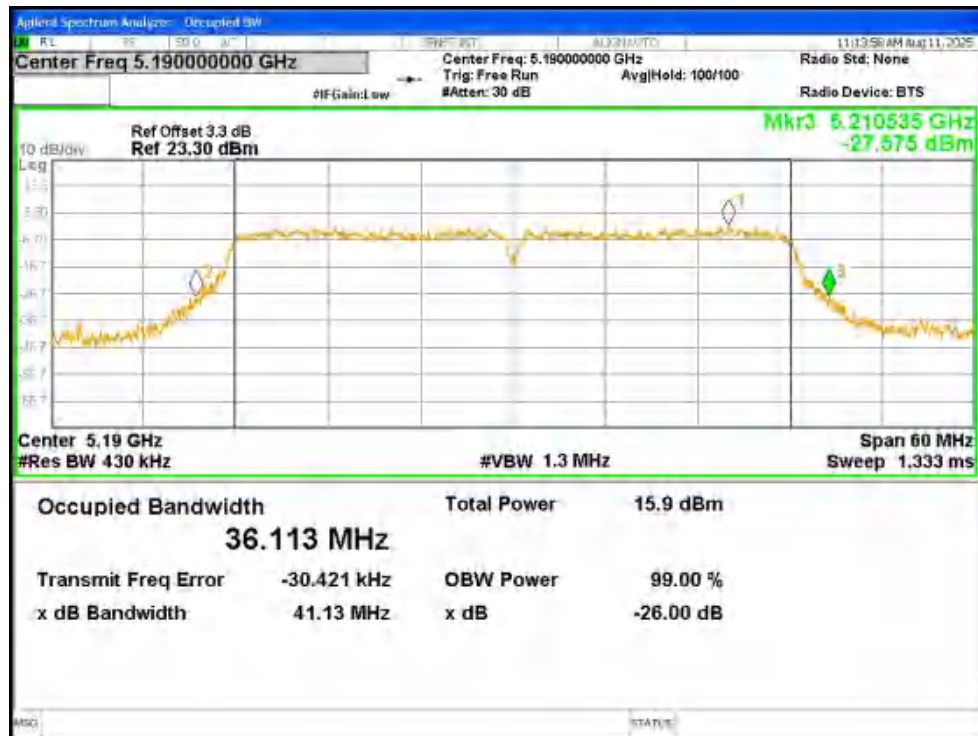
-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



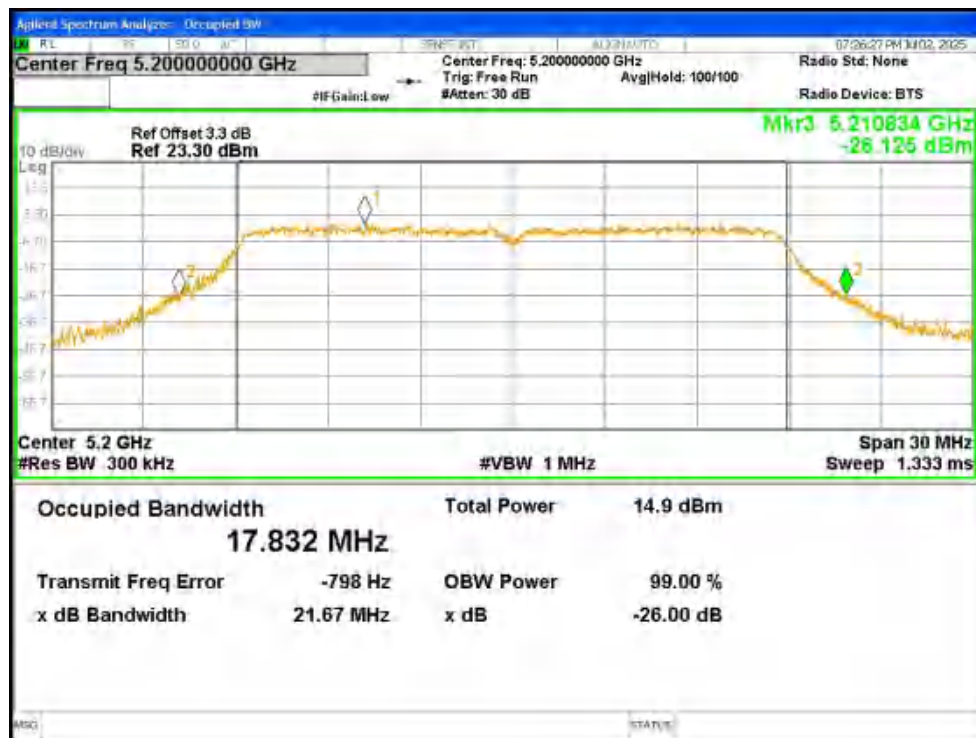
-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5200MHz Ant1



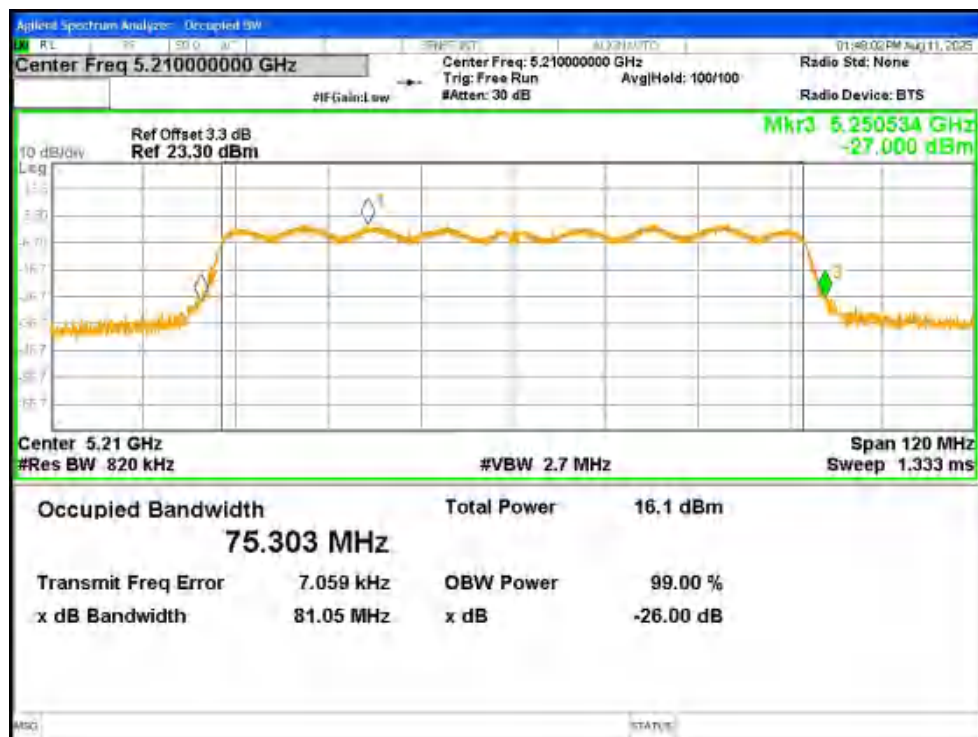
-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



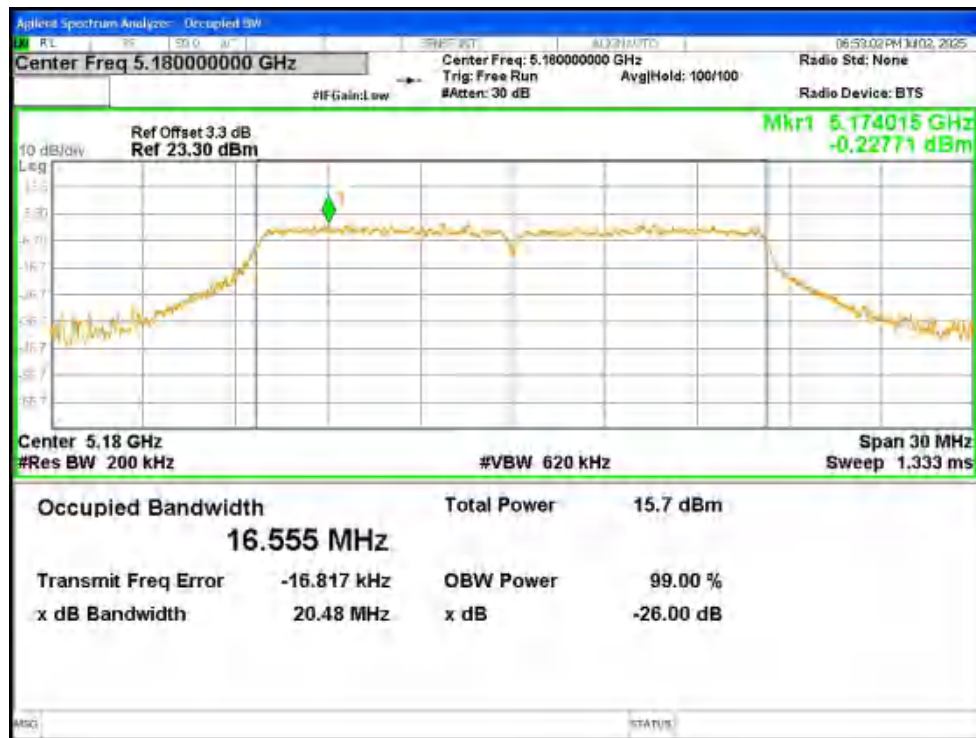
-26dB Bandwidth NVNT ac40 5230MHz Ant1



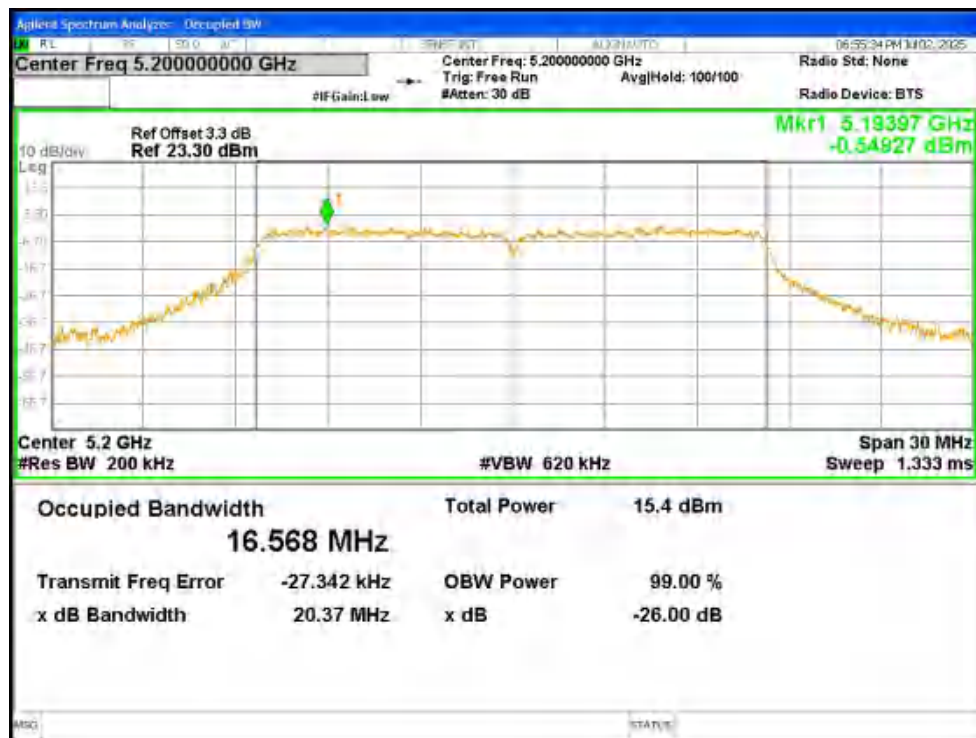
-26dB Bandwidth NVNT ac80 5210MHz Ant1

4. Occupied Channel Bandwidth

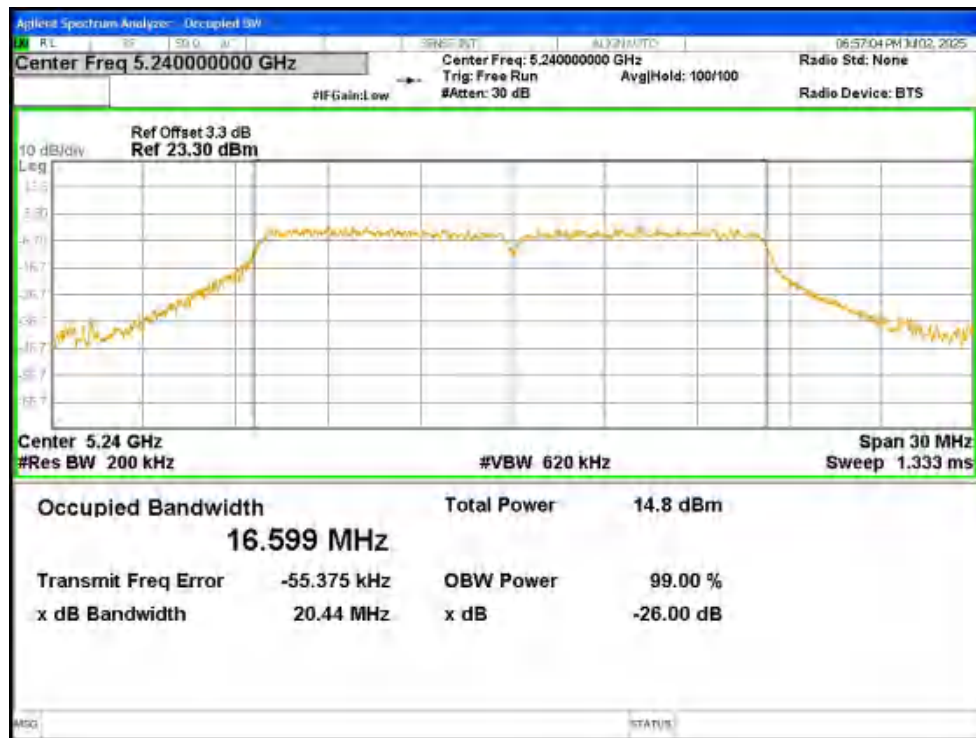
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.555
NVNT	a	5200	Ant1	16.568
NVNT	a	5240	Ant1	16.599
NVNT	a	5745	Ant1	17.168
NVNT	a	5785	Ant1	17.152
NVNT	a	5825	Ant1	17.061
NVNT	n20	5180	Ant1	17.705
NVNT	n20	5200	Ant1	17.699
NVNT	n20	5240	Ant1	17.695
NVNT	n20	5745	Ant1	19.44
NVNT	n20	5785	Ant1	18.199
NVNT	n20	5825	Ant1	18.296
NVNT	n40	5190	Ant1	36.201
NVNT	n40	5230	Ant1	36.137
NVNT	n40	5755	Ant1	36.214
NVNT	n40	5795	Ant1	36.287
NVNT	ac20	5180	Ant1	17.682
NVNT	ac20	5200	Ant1	17.714
NVNT	ac20	5240	Ant1	17.696
NVNT	ac20	5745	Ant1	18.325
NVNT	ac20	5785	Ant1	17.993
NVNT	ac20	5825	Ant1	18.043
NVNT	ac40	5190	Ant1	36.194
NVNT	ac40	5230	Ant1	36.118
NVNT	ac40	5755	Ant1	36.229
NVNT	ac40	5795	Ant1	36.199
NVNT	ac80	5210	Ant1	75.43
NVNT	ac80	5775	Ant1	75.515



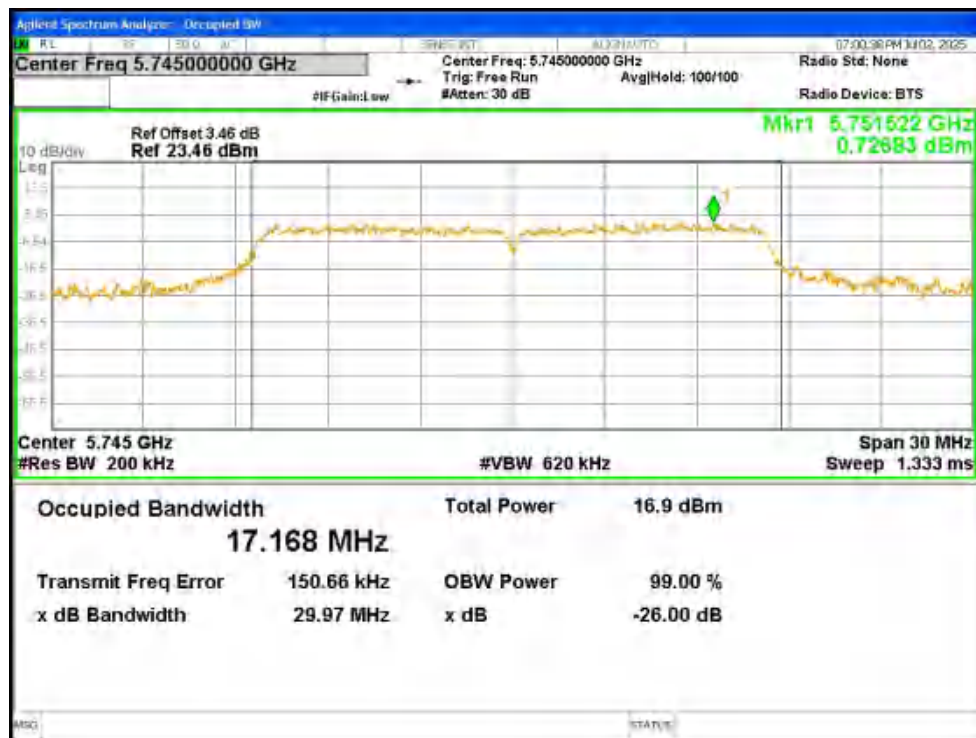
OBW NVNT a 5180MHz Ant1



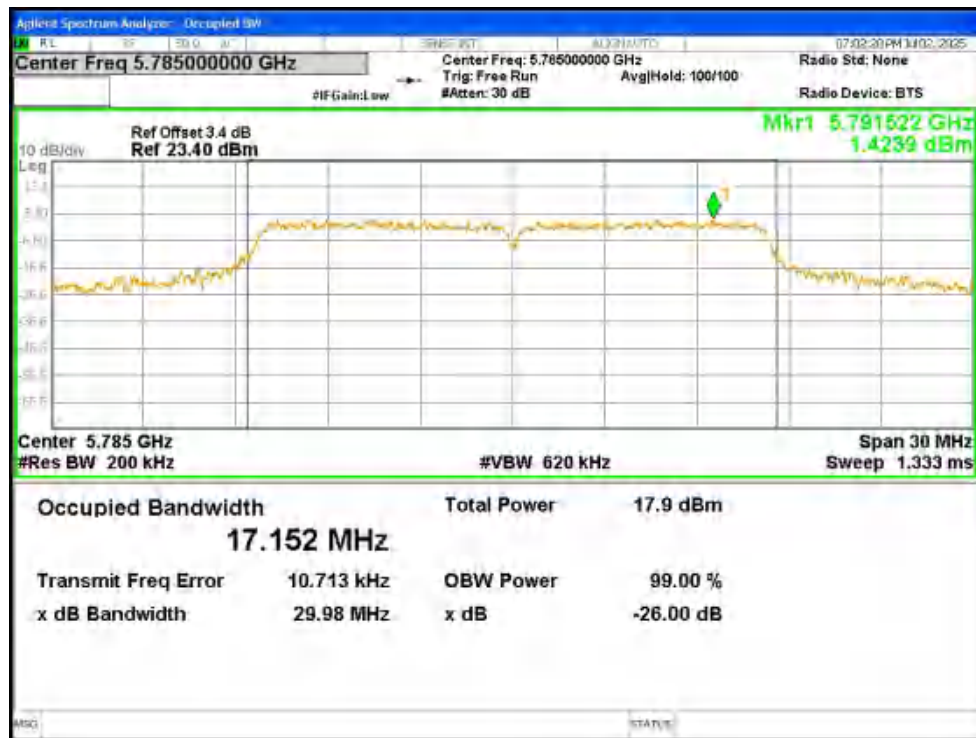
OBW NVNT a 5200MHz Ant1



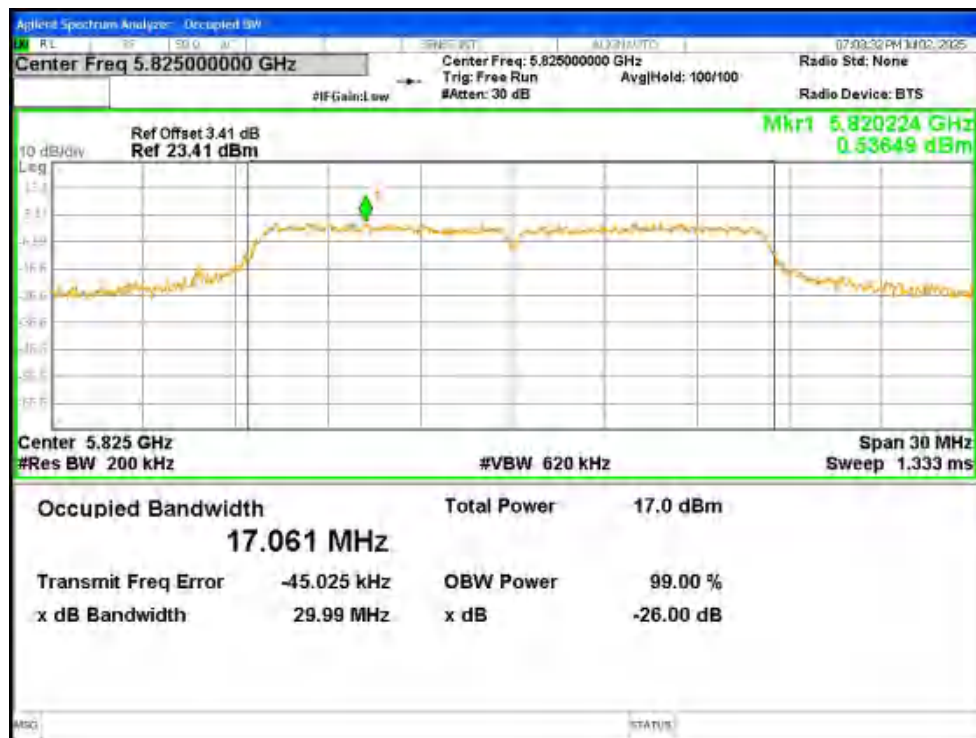
OBW NVNT a 5240MHz Ant1



OBW NVNT a 5745MHz Ant1



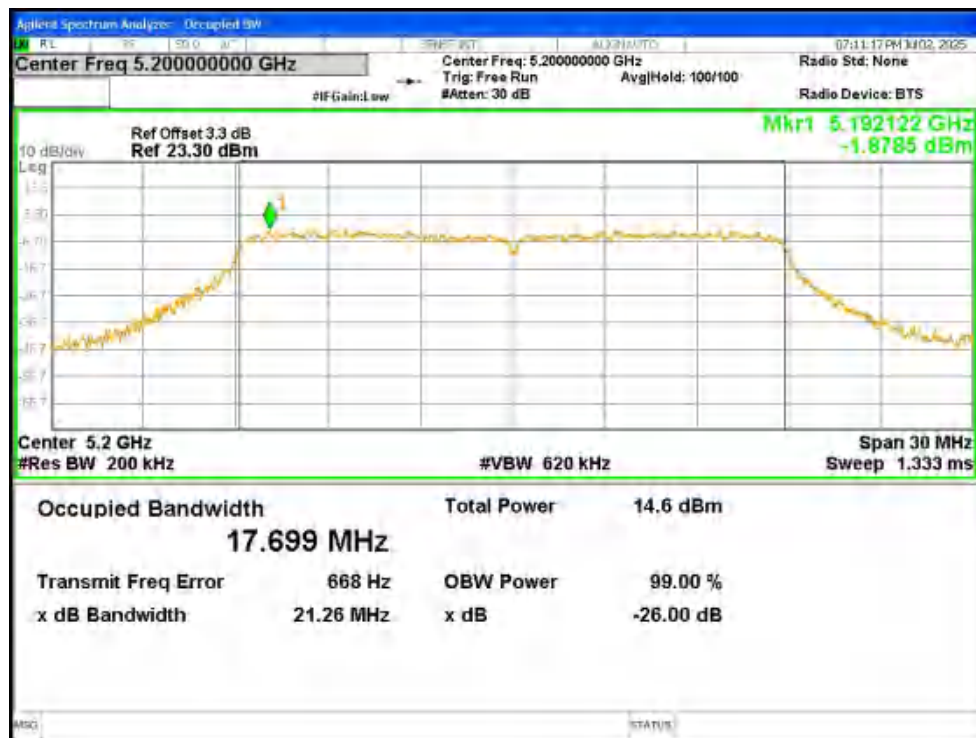
OBW NVNT a 5785MHz Ant1



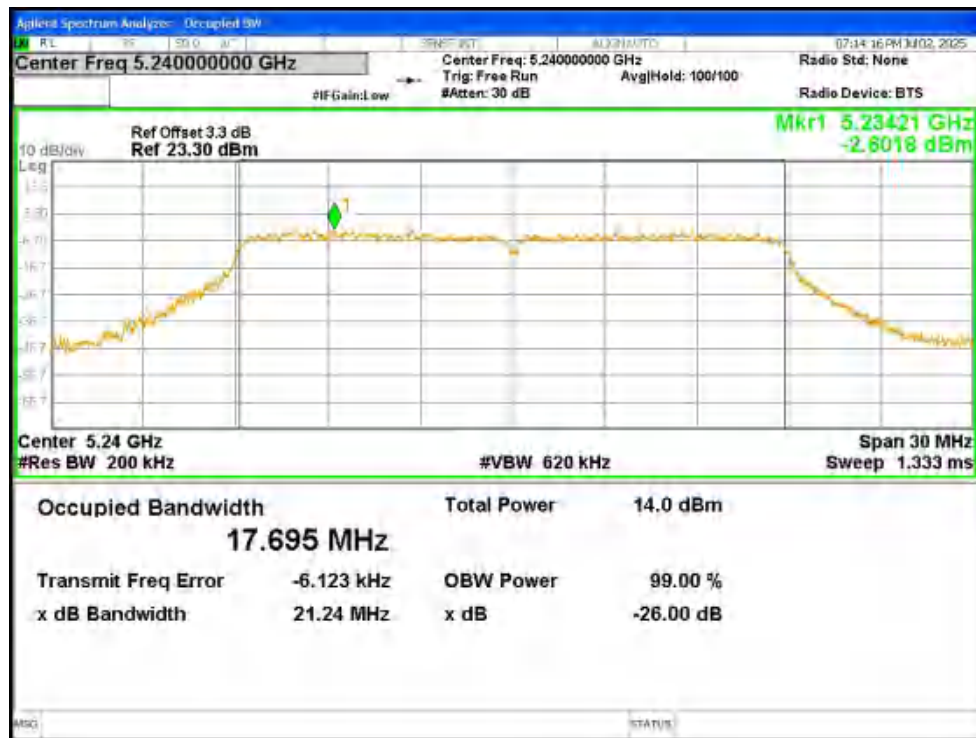
OBW NVNT a 5825MHz Ant1



OBW NVNT n20 5180MHz Ant1



OBW NVNT n20 5200MHz Ant1



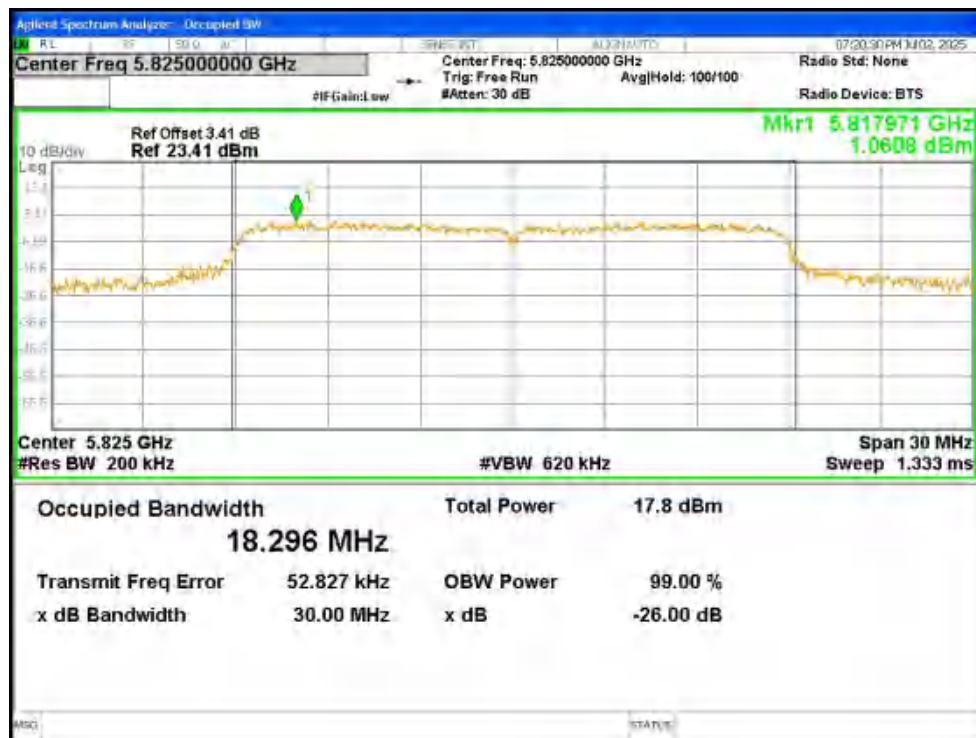
OBW NVNT n20 5240MHz Ant1



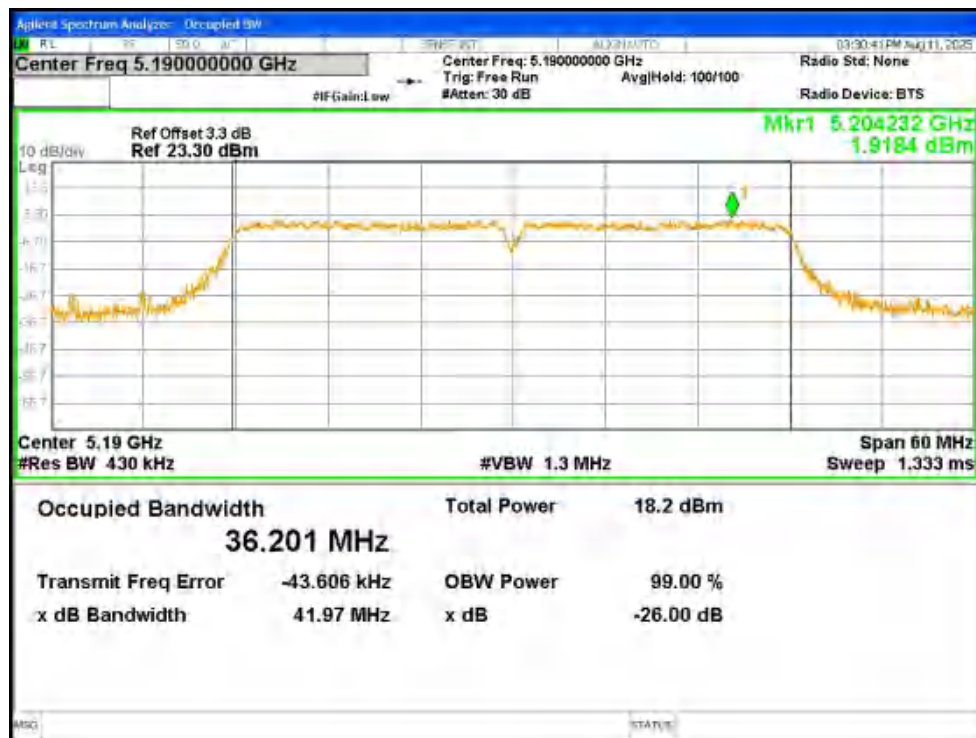
OBW NVNT n20 5745MHz Ant1



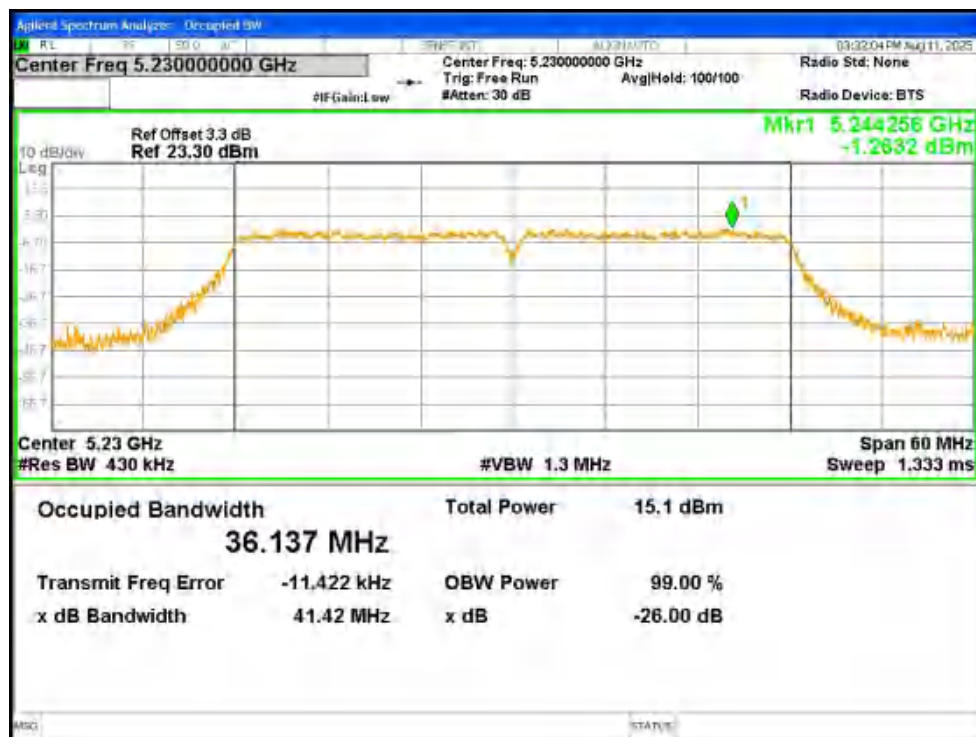
OBW NVNT n20 5785MHz Ant1



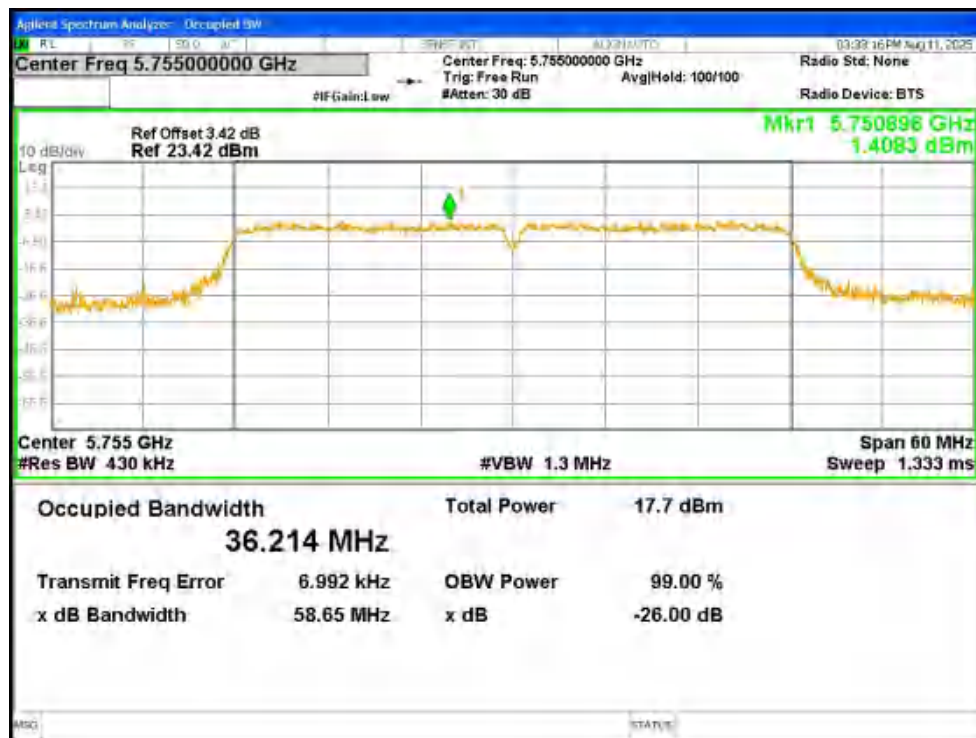
OBW NVNT n20 5825MHz Ant1



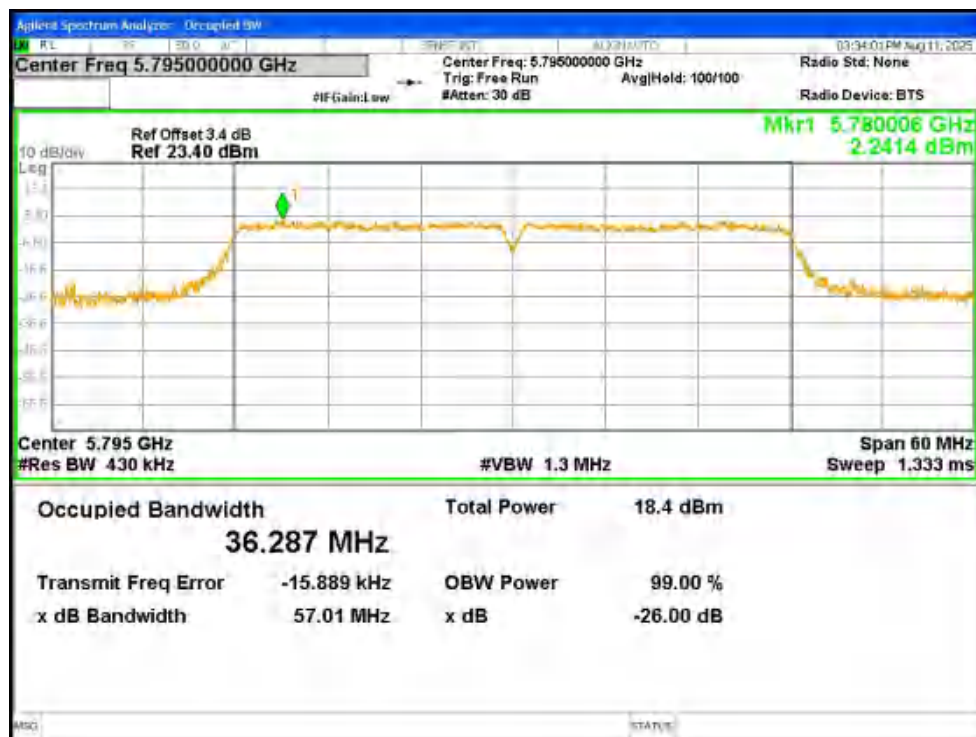
OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



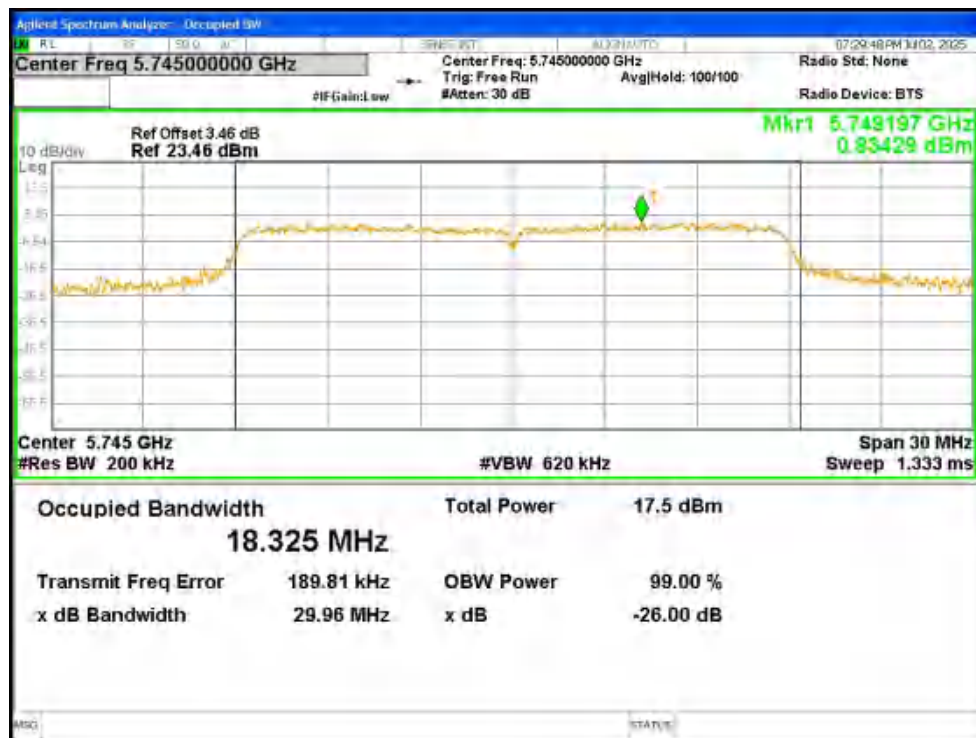
OBW NVNT ac20 5180MHz Ant1



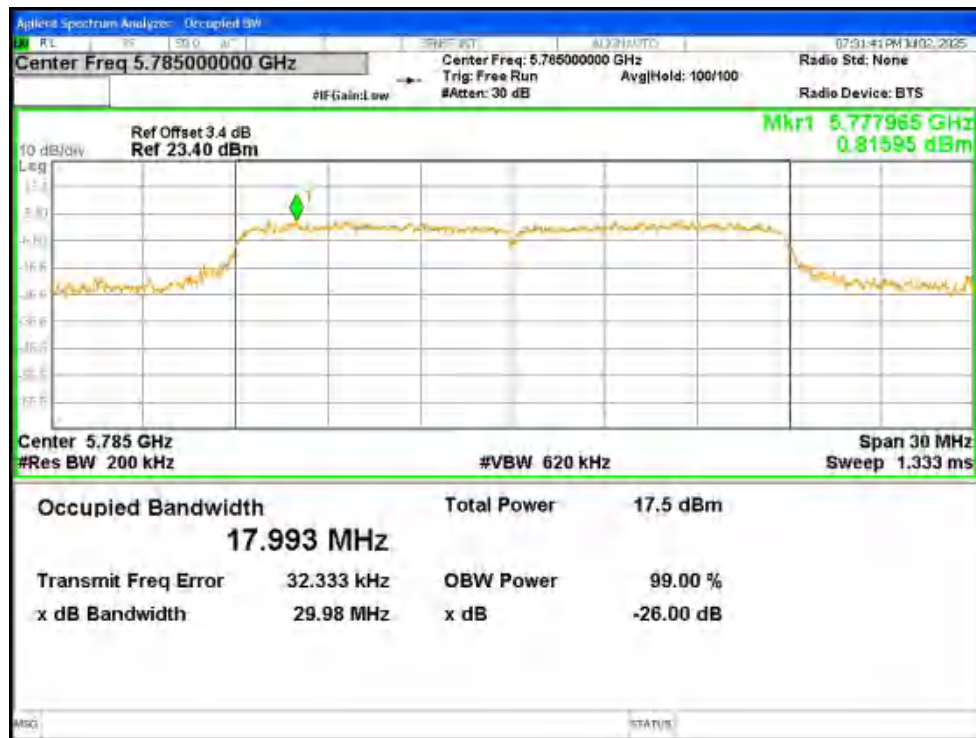
OBW NVNT ac20 5200MHz Ant1



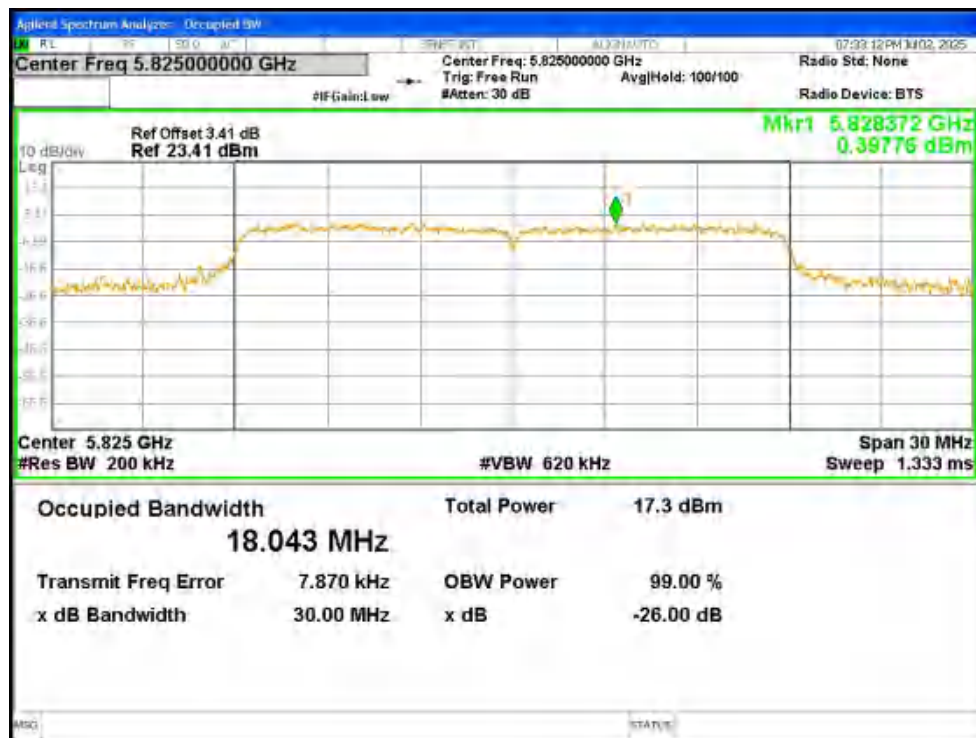
OBW NVNT ac20 5240MHz Ant1



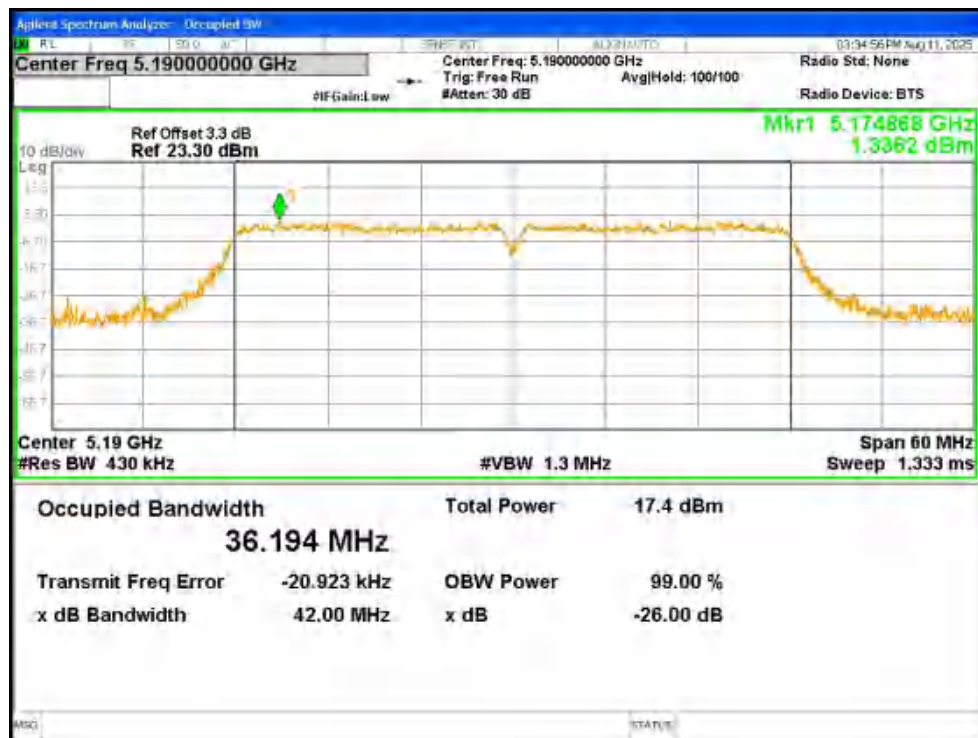
OBW NVNT ac20 5745MHz Ant1



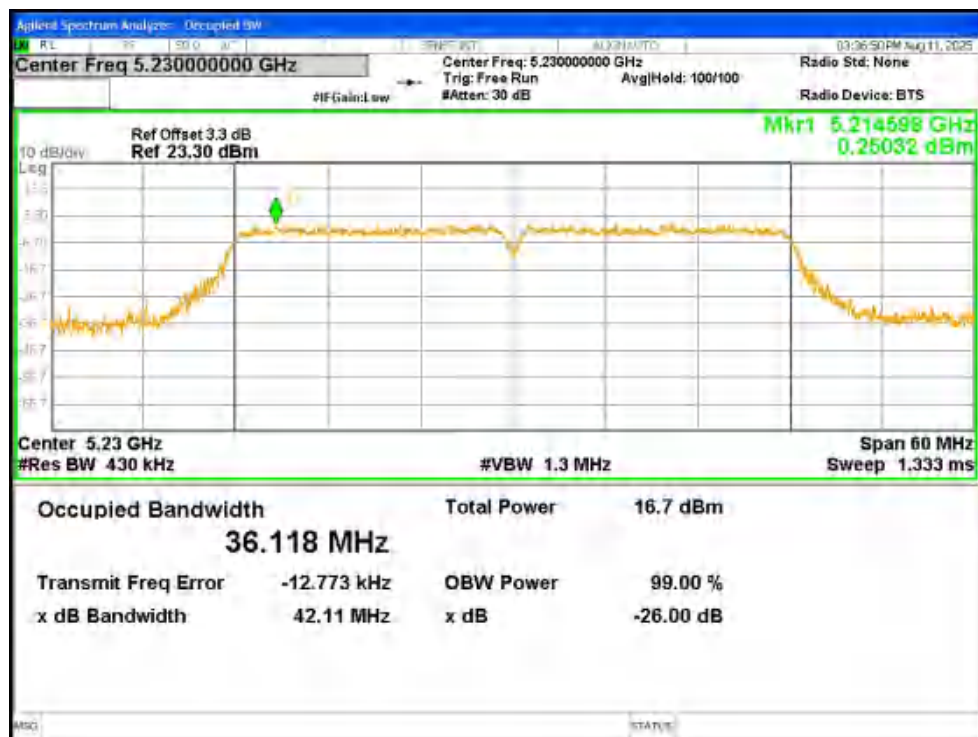
OBW NVNT ac20 5785MHz Ant1



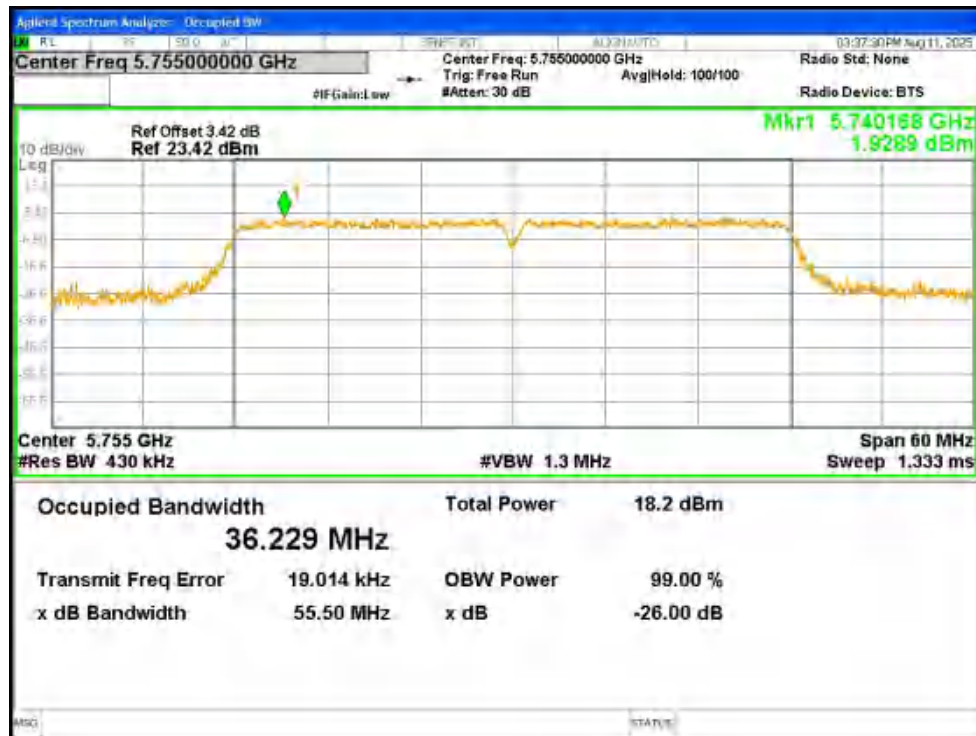
OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5190MHz Ant1



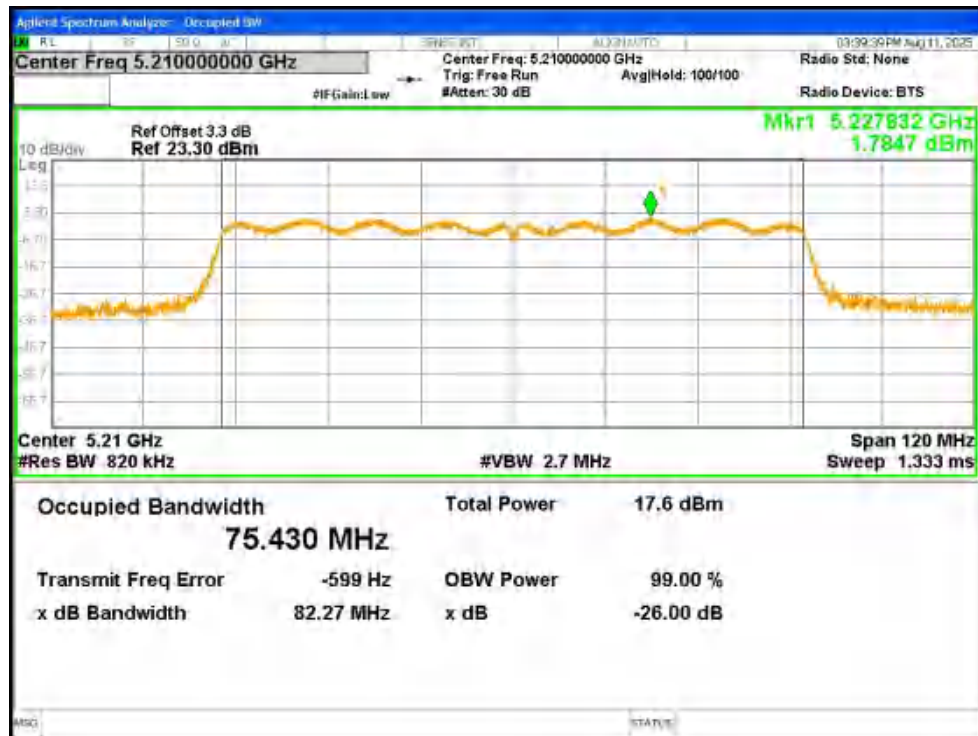
OBW NVNT ac40 5230MHz Ant1



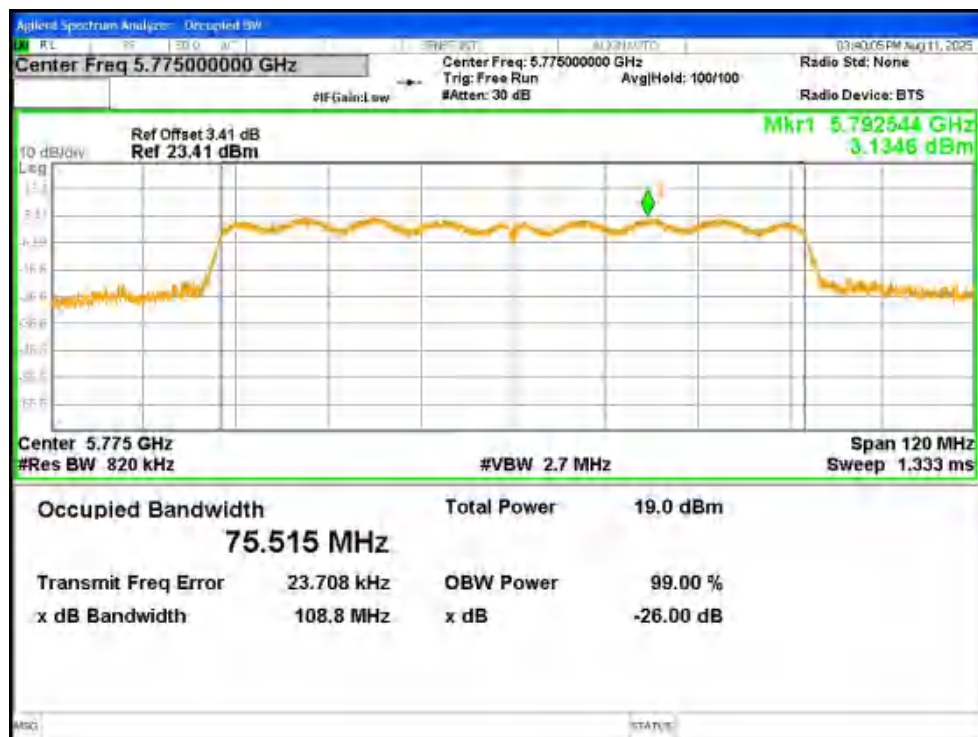
OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



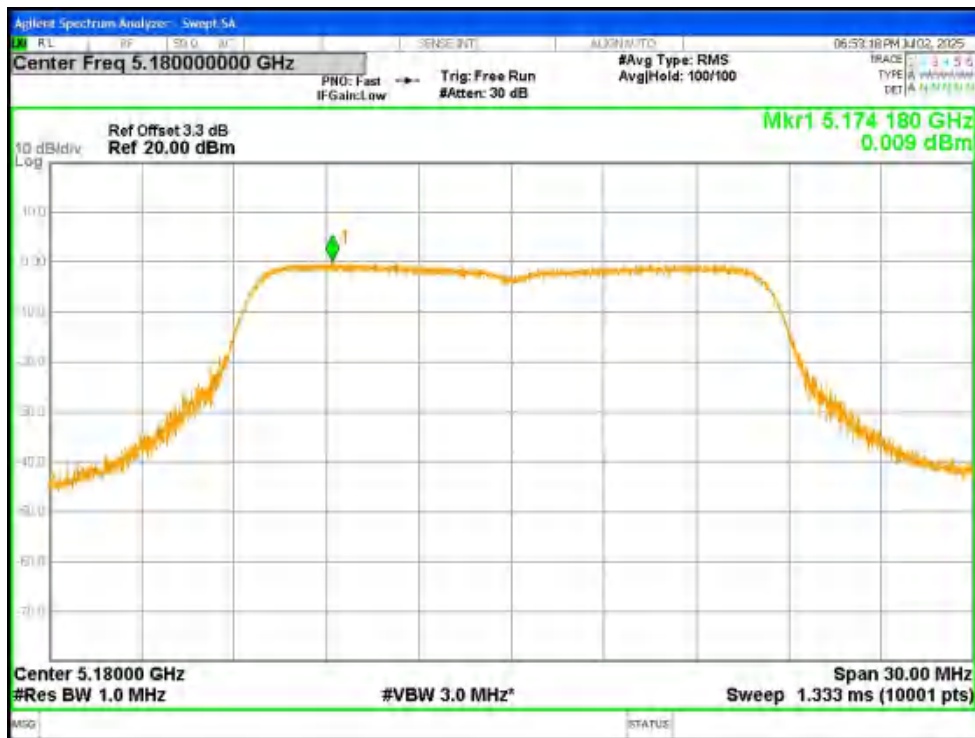
OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5775MHz Ant1

5. Maximum Power Spectral Density Level

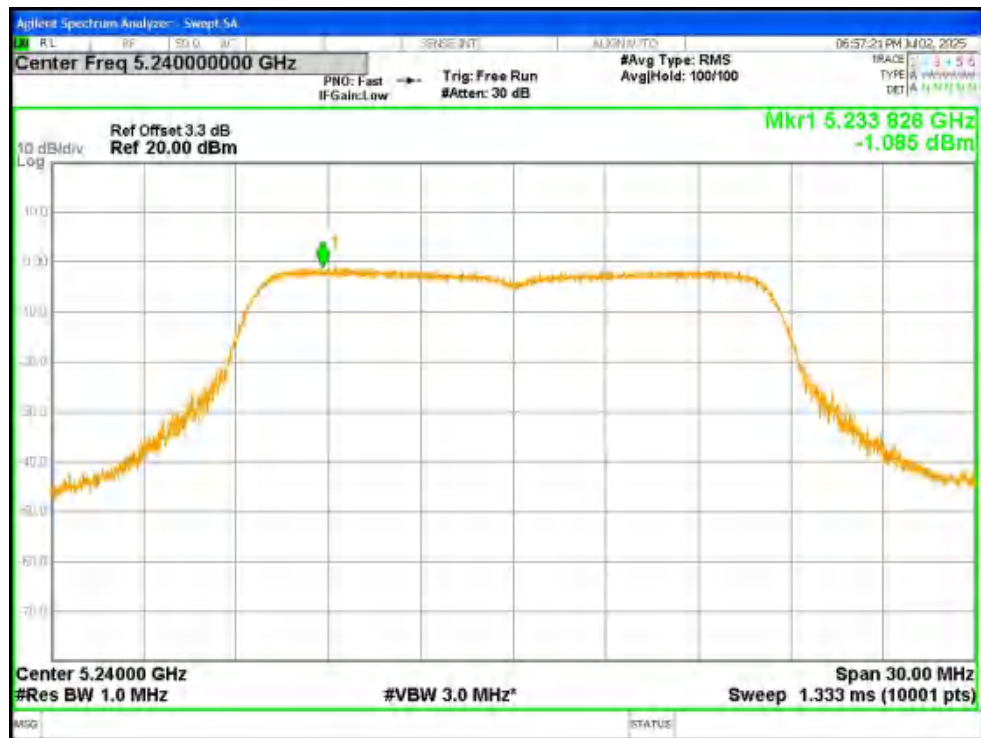
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.01	0	0.01	11	Pass
NVNT	a	5200	Ant1	-0.6	0	-0.6	11	Pass
NVNT	a	5240	Ant1	-1.09	0	-1.09	11	Pass
NVNT	a	5745	Ant1	-1.23	0	-1.23	30	Pass
NVNT	a	5785	Ant1	-1.44	0	-1.44	30	Pass
NVNT	a	5825	Ant1	-2.06	0	-2.06	30	Pass
NVNT	n20	5180	Ant1	0.04	0	0.04	11	Pass
NVNT	n20	5200	Ant1	-1.38	0	-1.38	11	Pass
NVNT	n20	5240	Ant1	-1.77	0	-1.77	11	Pass
NVNT	n20	5745	Ant1	0.29	0	0.29	30	Pass
NVNT	n20	5785	Ant1	0.3	0	0.3	30	Pass
NVNT	n20	5825	Ant1	-0.69	0	-0.69	30	Pass
NVNT	n40	5190	Ant1	-3.59	0	-3.59	11	Pass
NVNT	n40	5230	Ant1	-4.78	0	-4.78	11	Pass
NVNT	n40	5755	Ant1	-4.11	0	-4.11	30	Pass
NVNT	n40	5795	Ant1	-3.97	0	-3.97	30	Pass
NVNT	ac20	5180	Ant1	-0.37	0	-0.37	11	Pass
NVNT	ac20	5200	Ant1	-0.9	0	-0.9	11	Pass
NVNT	ac20	5240	Ant1	-1.44	0	-1.44	11	Pass
NVNT	ac20	5745	Ant1	0.26	0	0.26	30	Pass
NVNT	ac20	5785	Ant1	0.52	0	0.52	30	Pass
NVNT	ac20	5825	Ant1	-0.62	0	-0.62	30	Pass
NVNT	ac40	5190	Ant1	-3.16	0	-3.16	11	Pass
NVNT	ac40	5230	Ant1	-4.95	0	-4.95	11	Pass
NVNT	ac40	5755	Ant1	-3.41	0	-3.41	30	Pass
NVNT	ac40	5795	Ant1	-3.06	0	-3.06	30	Pass
NVNT	ac80	5210	Ant1	-3.73	0	-3.73	11	Pass
NVNT	ac80	5775	Ant1	-5.14	0	-5.14	30	Pass



PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



PSD NVNT a 5240MHz Ant1



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



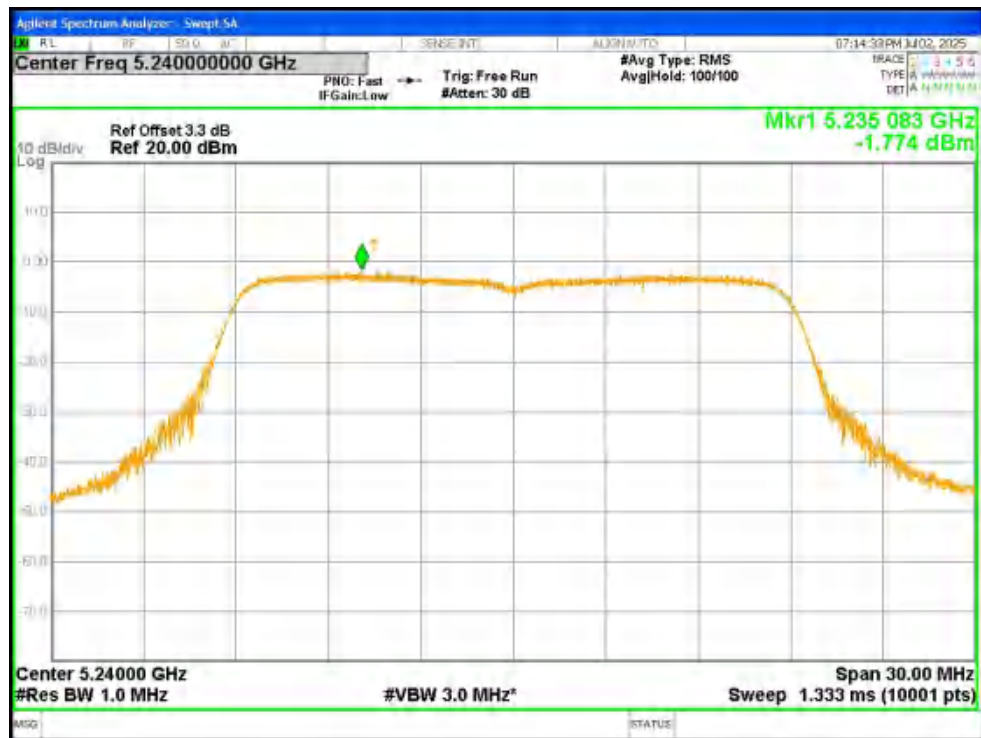
PSD NVNT a 5825MHz Ant1



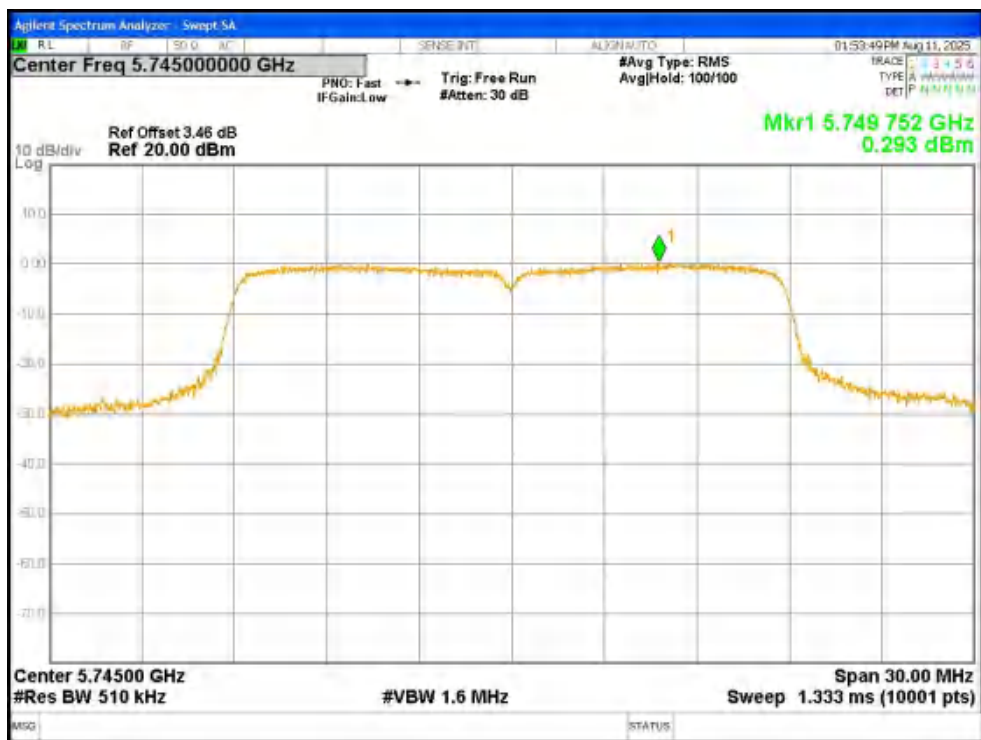
PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



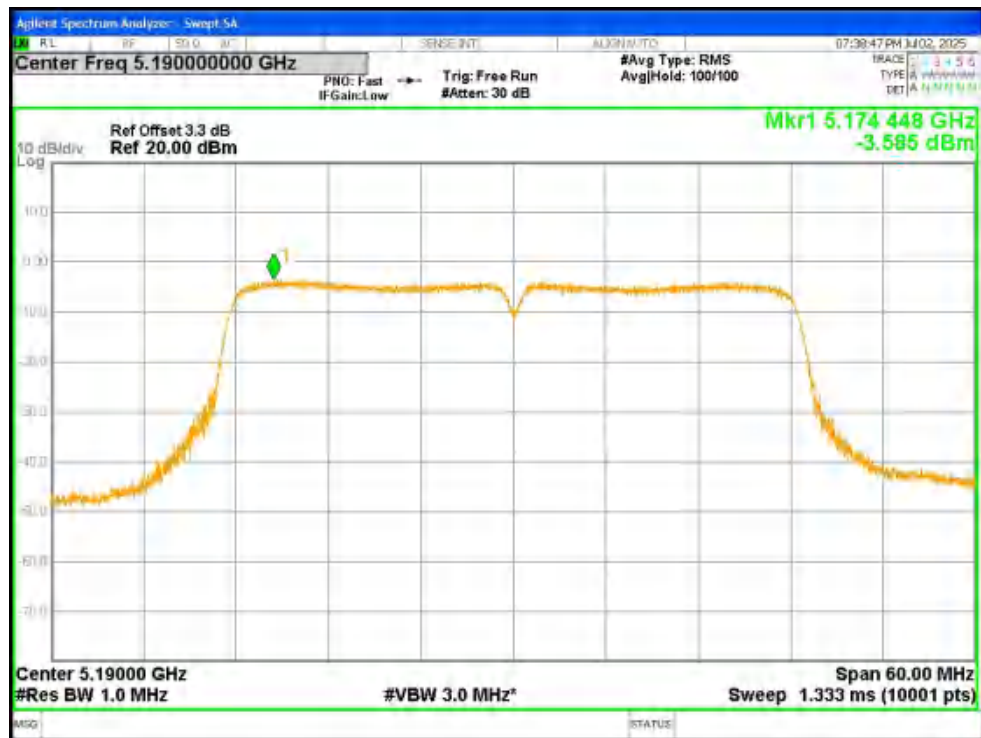
PSD NVNT n20 5745MHz Ant1



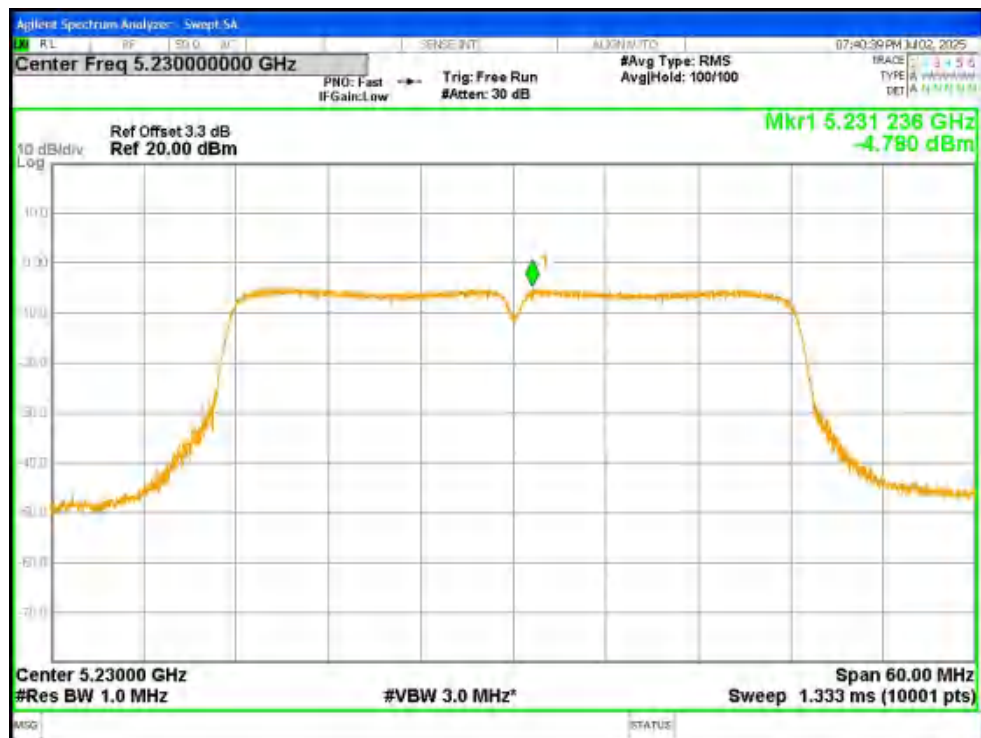
PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5190MHz Ant1



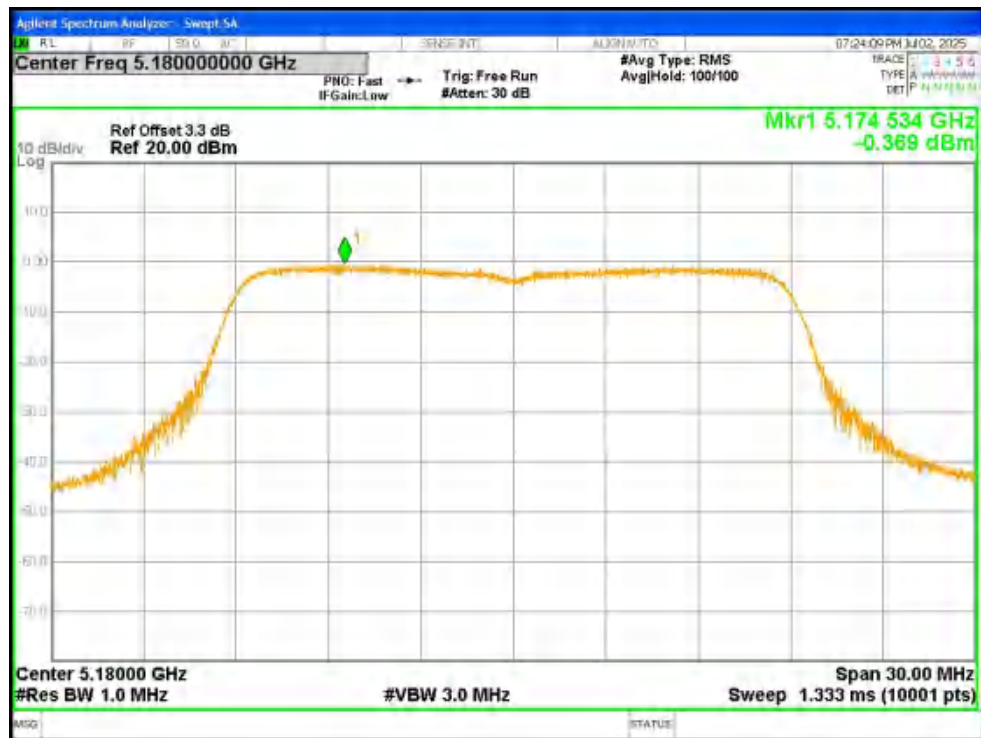
PSD NVNT n40 5230MHz Ant1



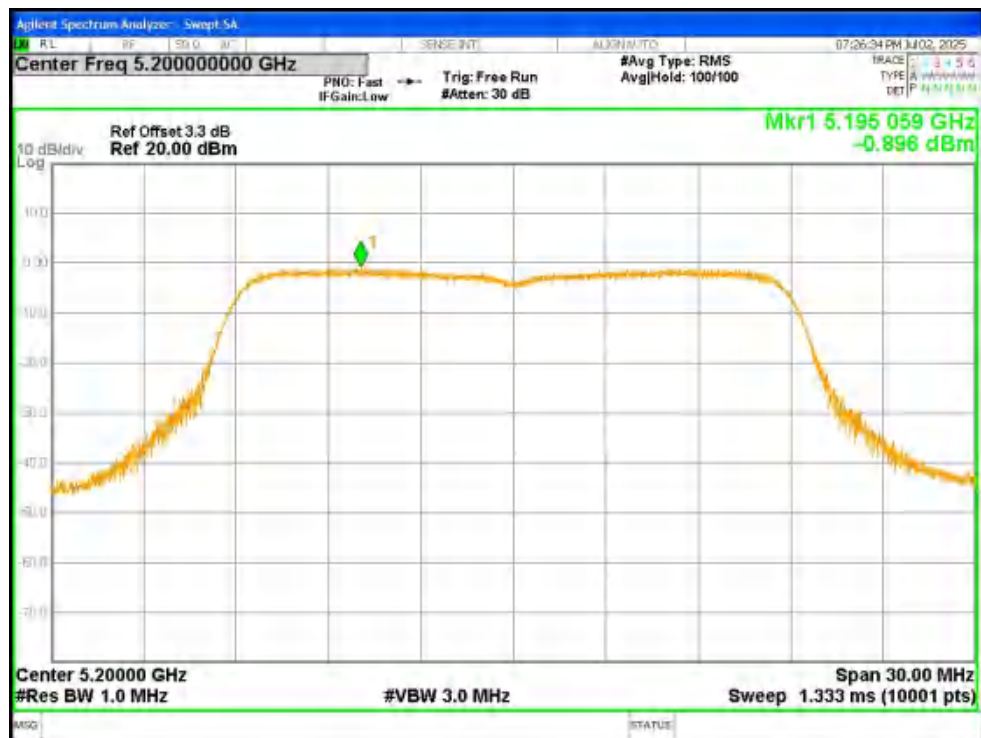
PSD NVNT n40 5755MHz Ant1



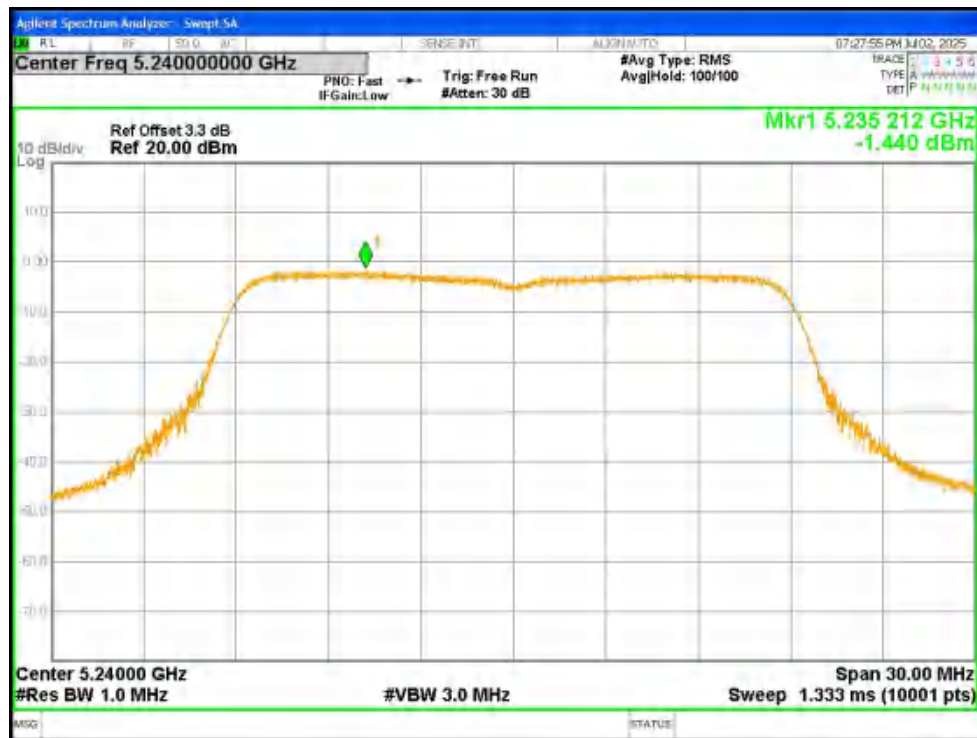
PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5180MHz Ant1



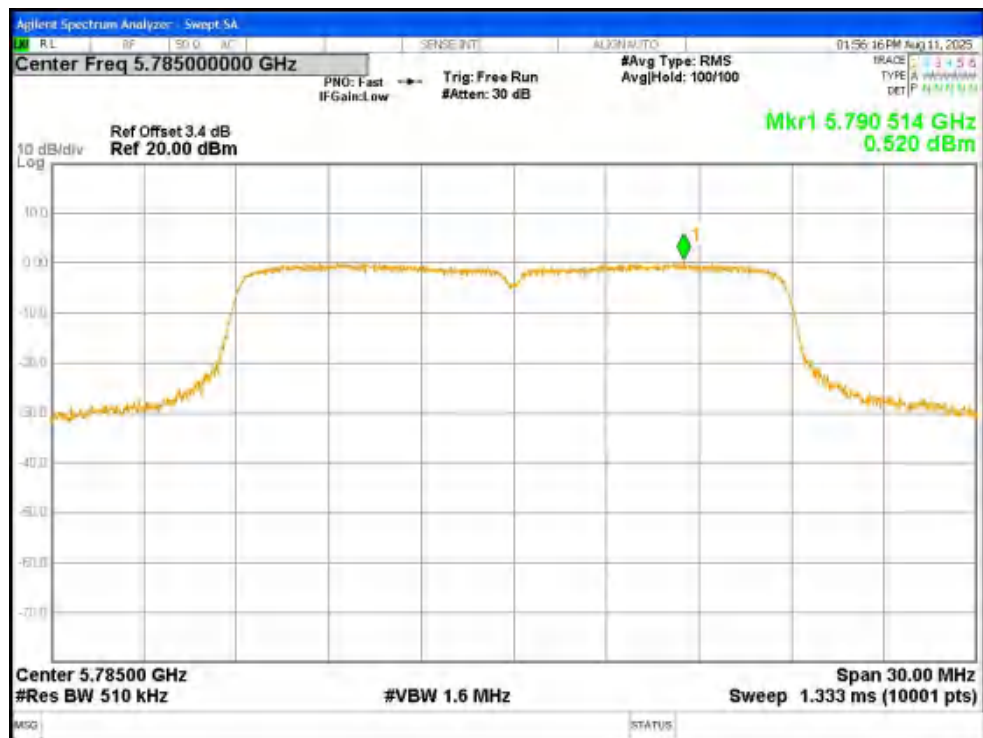
PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac20 5745MHz Ant1



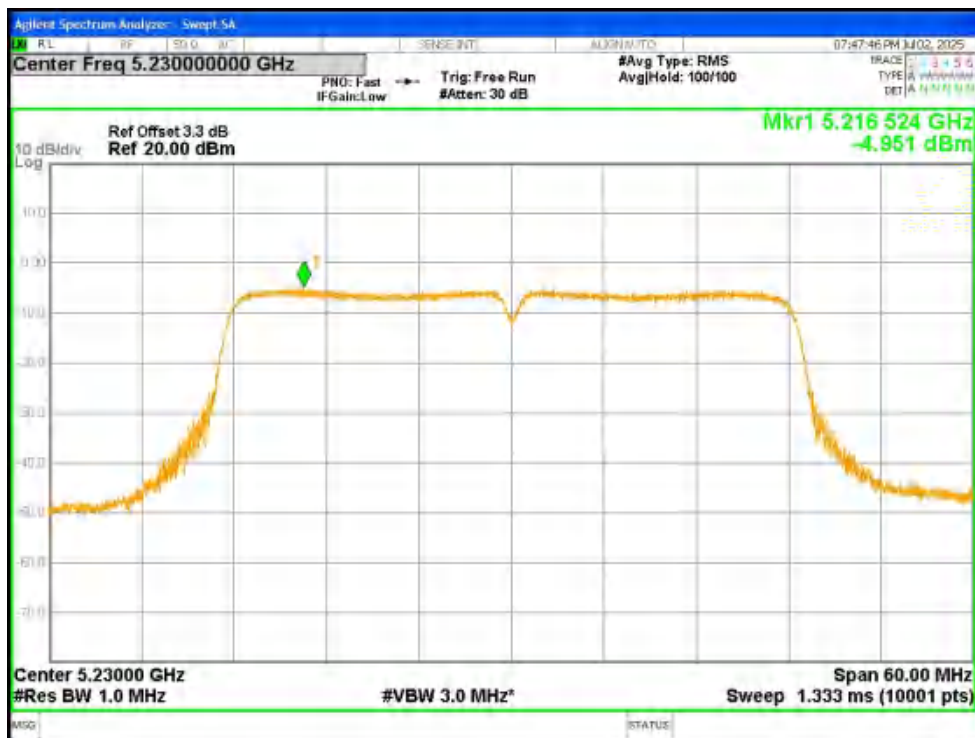
PSD NVNT ac20 5785MHz Ant1



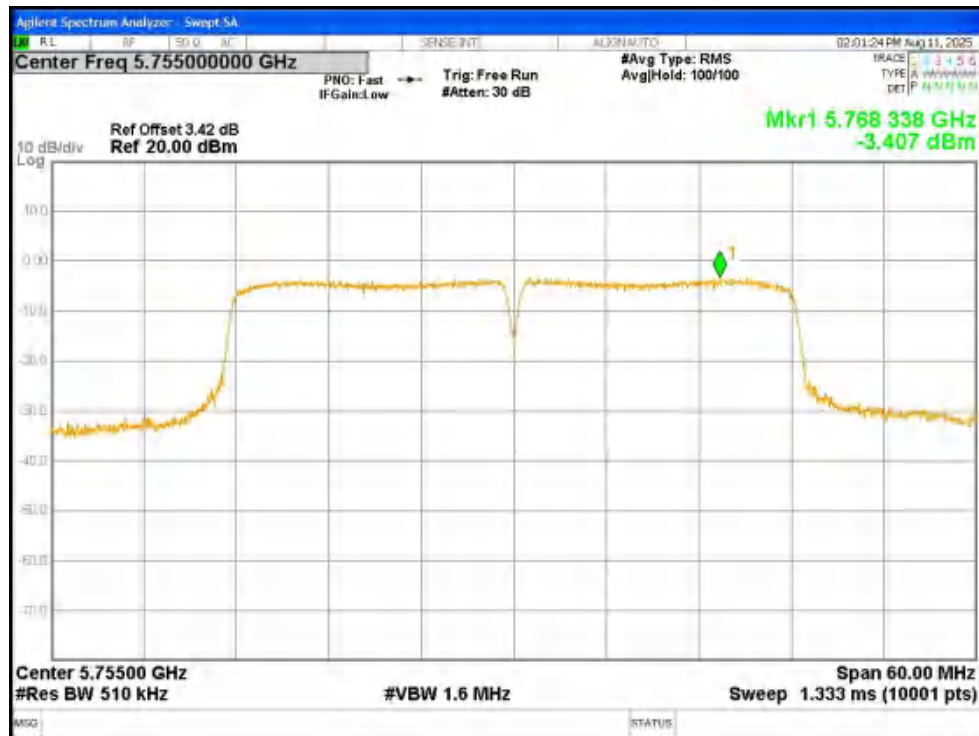
PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5775MHz Ant1