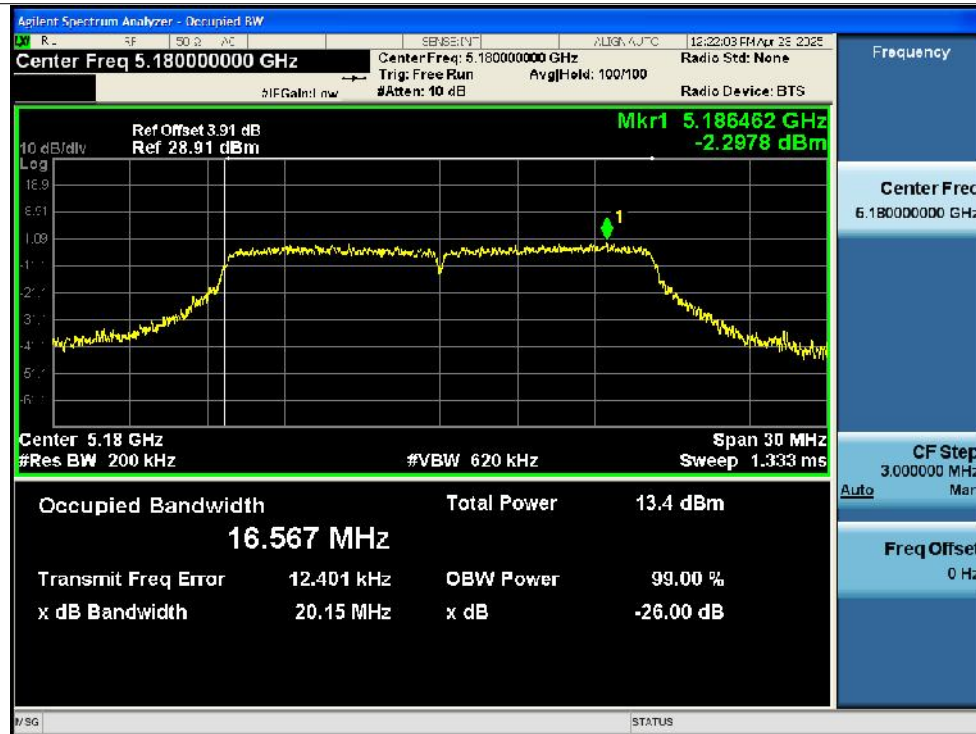
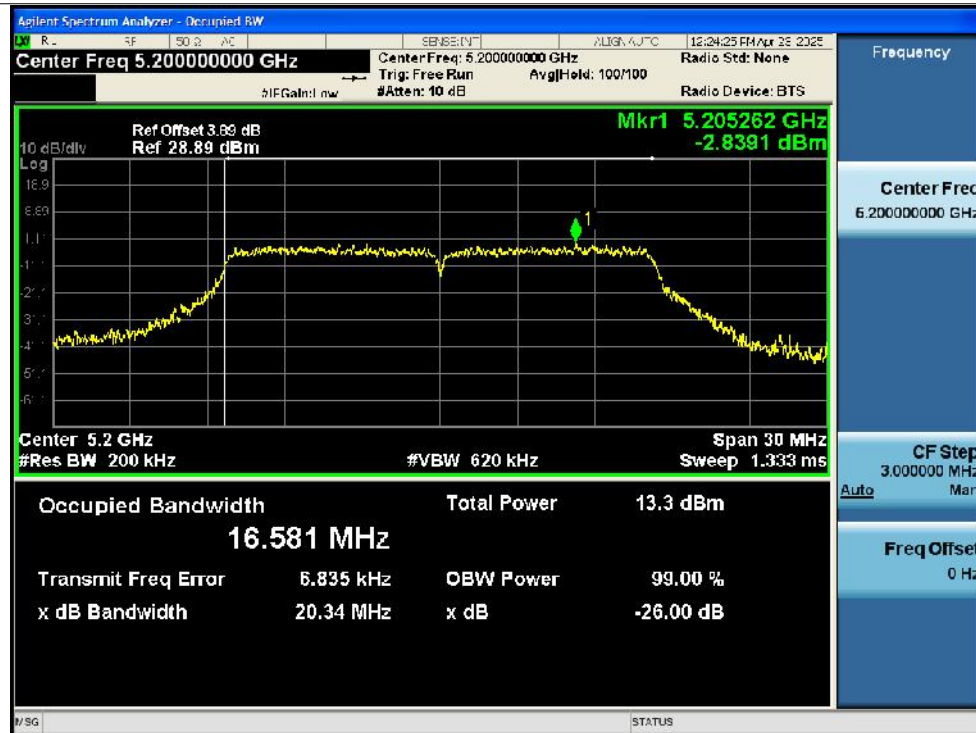


Test Graphs

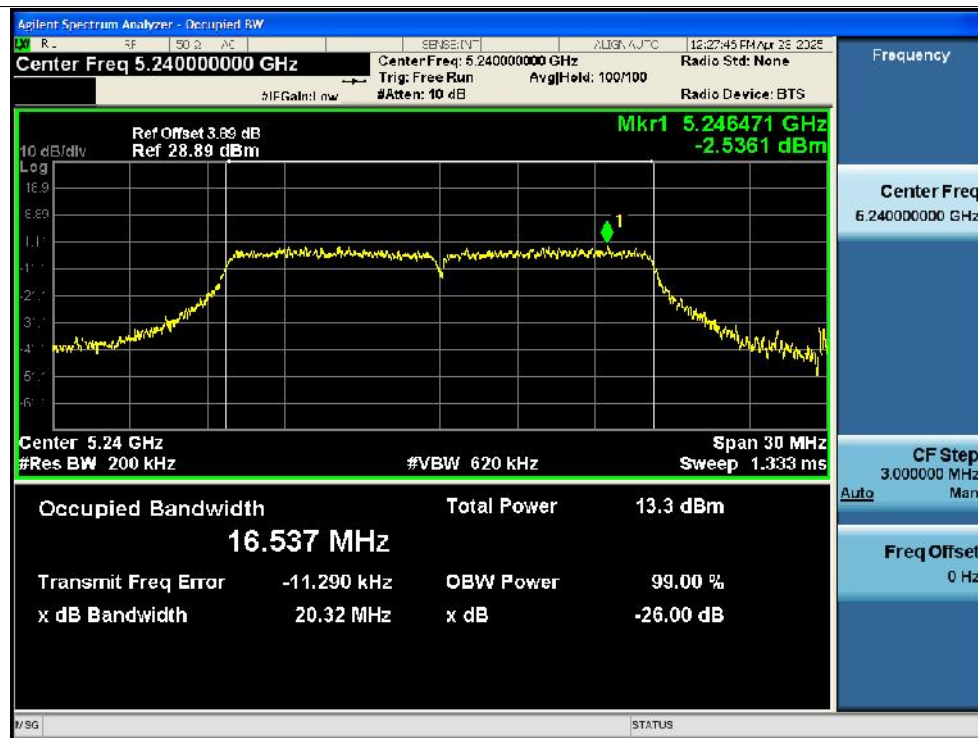
OBW NVNT a 5180MHz Ant1



OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1



OBW NVNT a 5745MHz Ant1



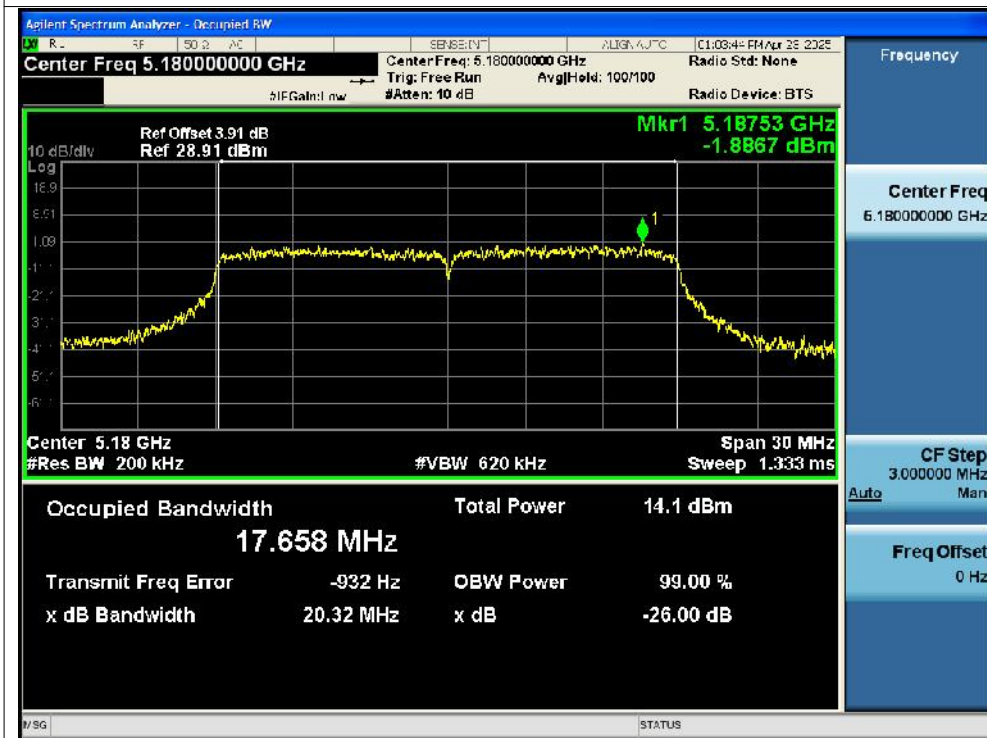
OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1



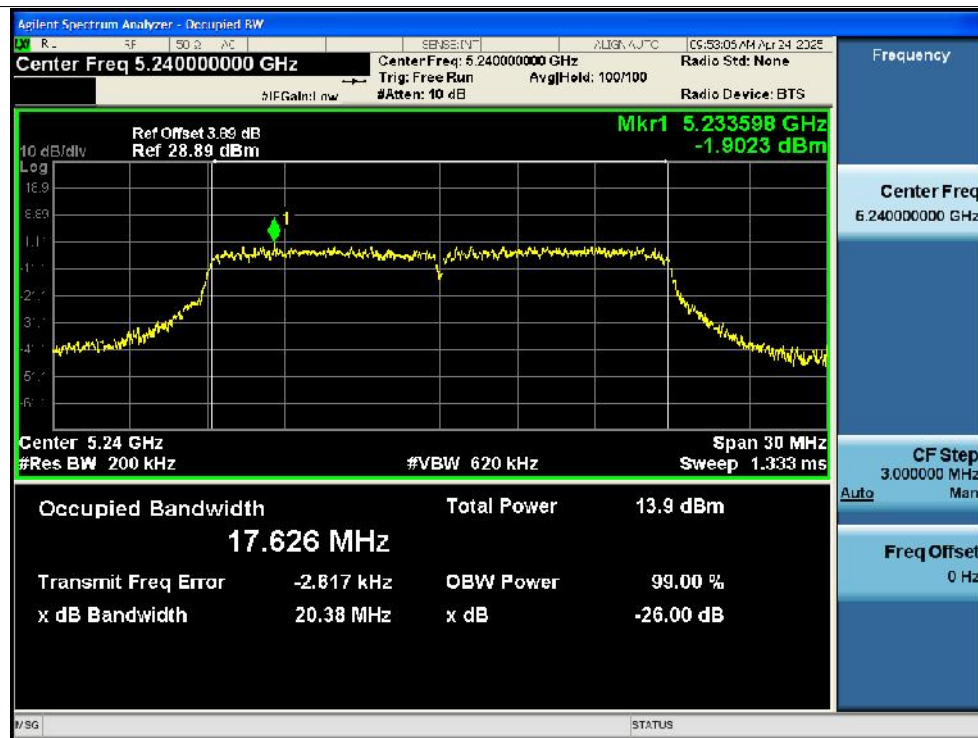
OBW NVNT n20 5180MHz Ant1



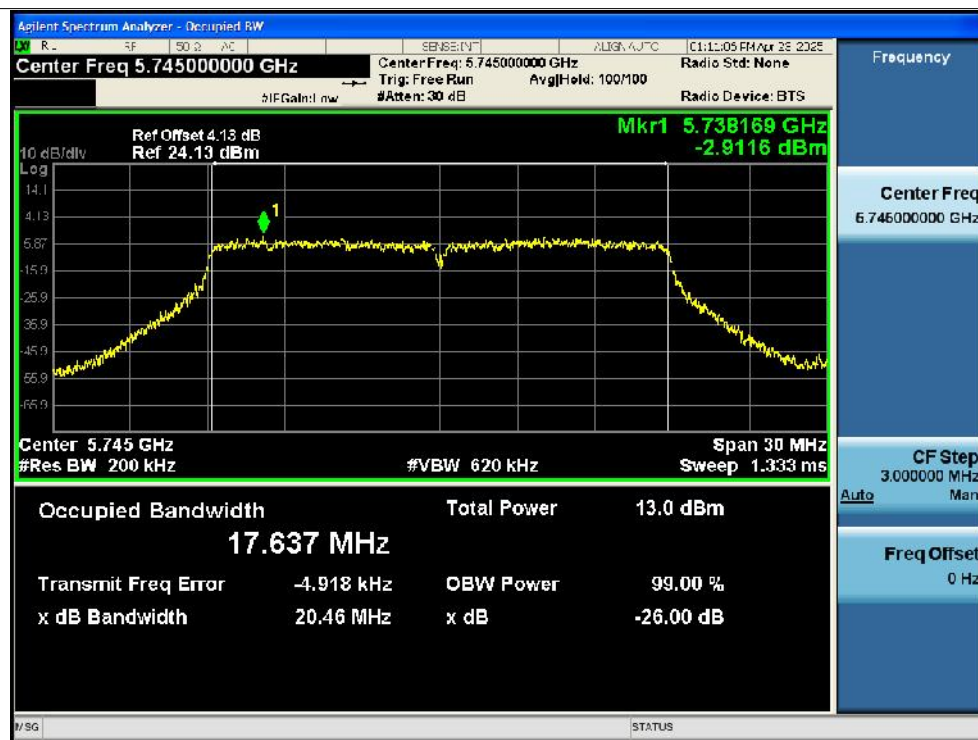
OBW NVNT n20 5200MHz Ant1



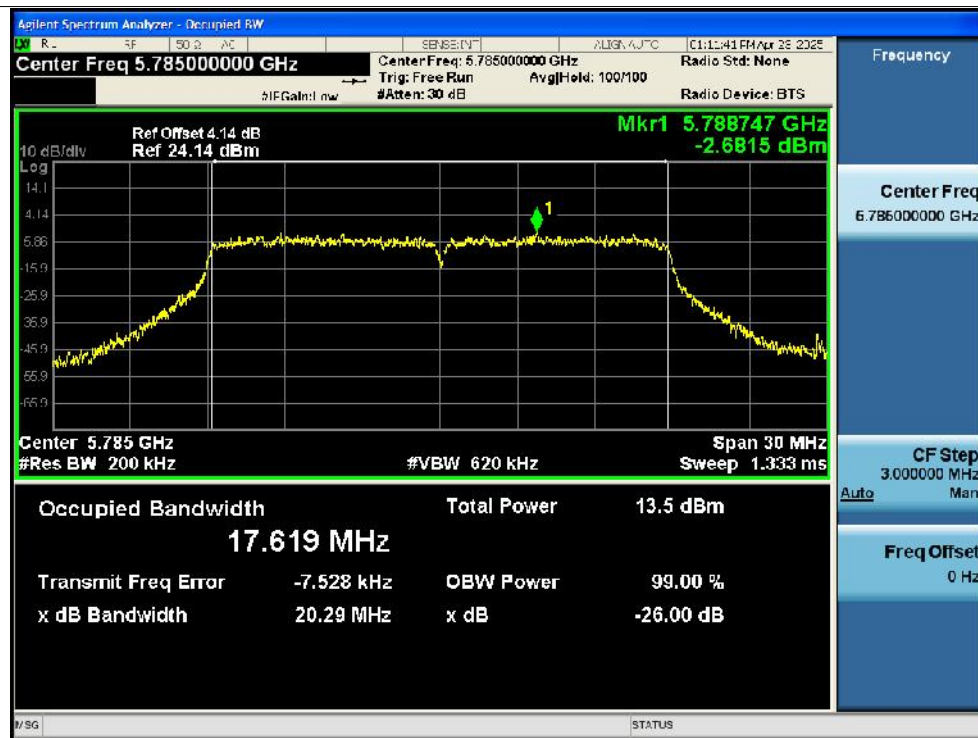
OBW NVNT n20 5240MHz Ant1



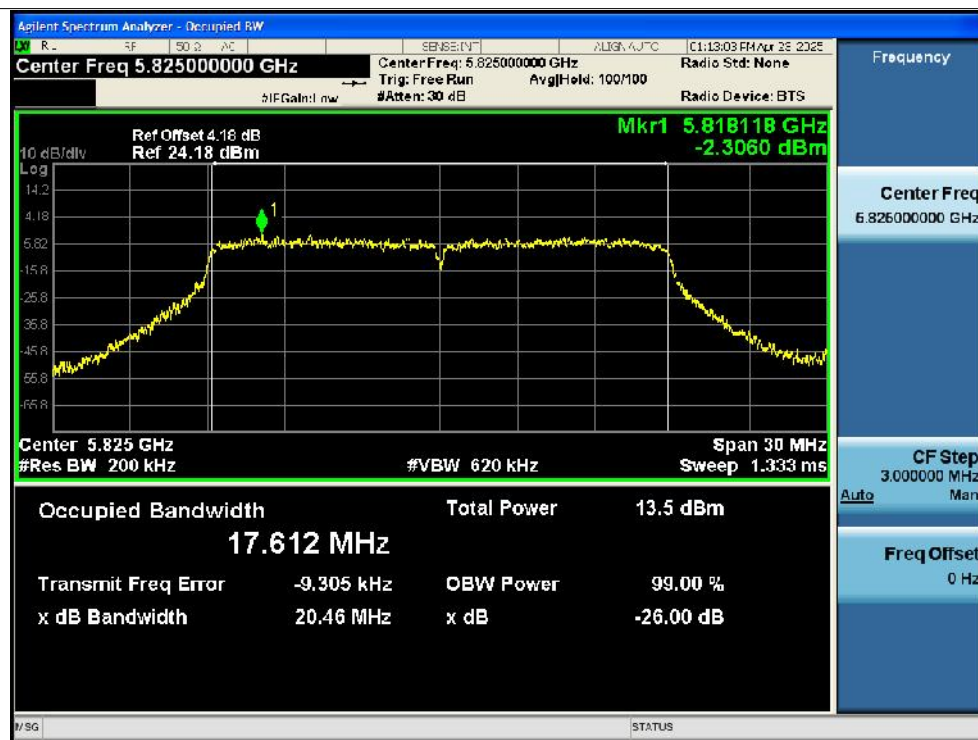
OBW NVNT n20 5745MHz Ant1



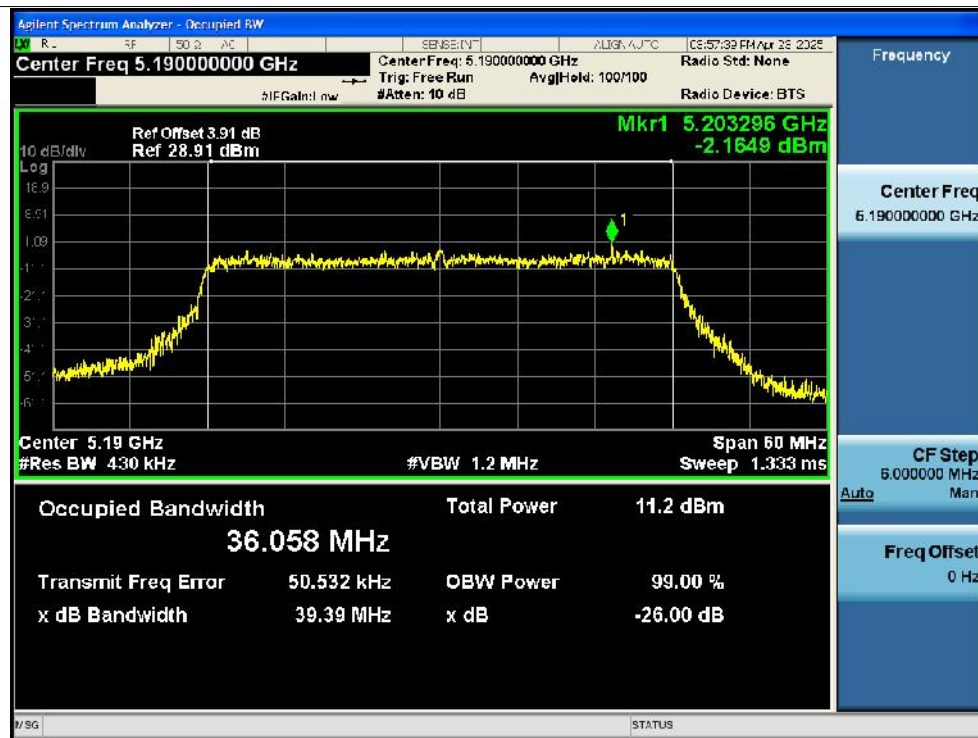
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



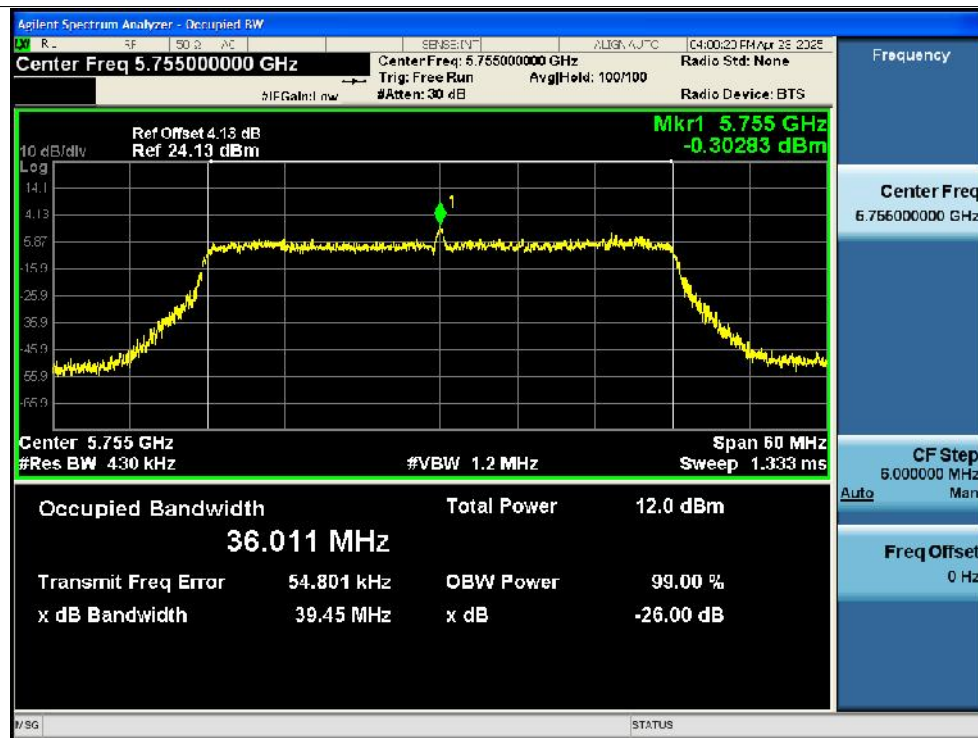
OBW NVNT n40 5190MHz Ant1



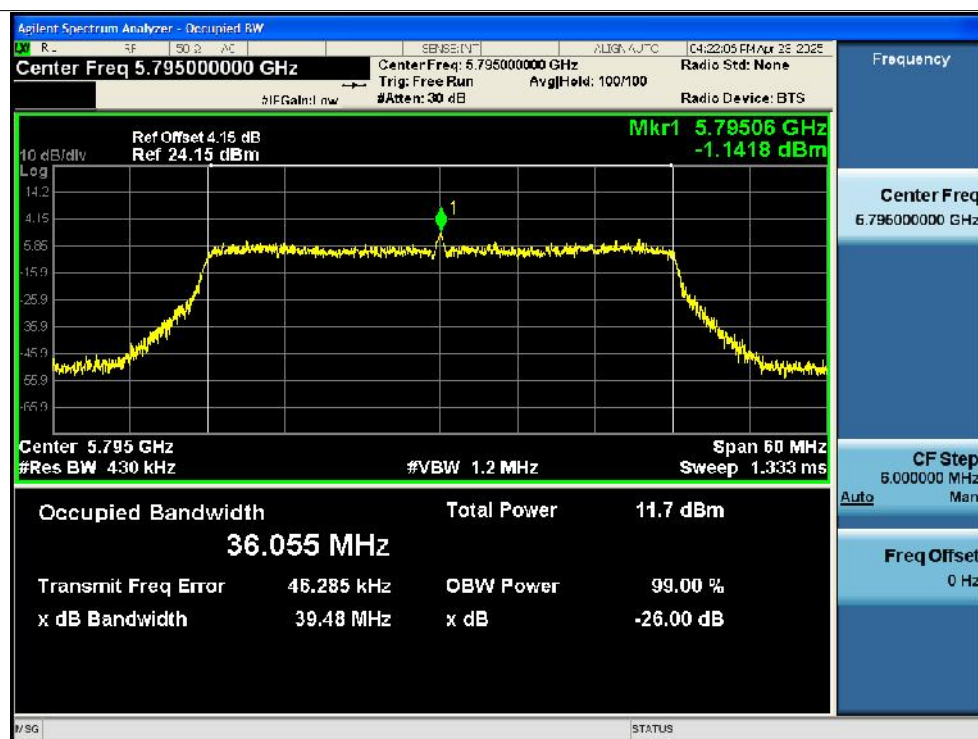
OBW NVNT n40 5230MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



OBW NVNT ac20 5180MHz Ant1

Agilent Spectrum Analyzer - Occupied BW

Center Freq 5.18000000 GHz

Center Freq: 5.18000000 GHz

Trig: Free Run

Avg/Hold: 100/100

Radio Std: None

Radio Device: BTS

Ref Offset 3.91 dB

Ref 28.91 dBm

Mkr1 5.173757 GHz

-1.1162 dBm

Center 5.18 GHz

#Res BW 200 kHz

#VBW 620 kHz

Span 30 MHz

Sweep 1.333 ms

Occupied Bandwidth

17.654 MHz

Total Power

13.7 dBm

Transmit Freq Error

10.491 kHz

OBW Power

99.00 %

x dB Bandwidth

21.09 MHz

x dB

-26.00 dB

Agilent Spectrum Analyzer - Occupied BW

Center Freq 5.200000000 GHz

Center Freq: 5.200000000 GHz

Trig: Free Run

Avg/Hold: 100/100

Radio Std: None

Radio Device: BTS

Ref Offset 3.89 dB

Ref 28.89 dBm

Mkr1 5.204986 GHz

-0.95744 dBm

Center 5.2 GHz

#Res BW 200 kHz

#VBW 620 kHz

Span 30 MHz

Sweep 1.333 ms

Occupied Bandwidth

17.661 MHz

Total Power

13.7 dBm

Transmit Freq Error

-7.096 kHz

OBW Power

99.00 %

x dB Bandwidth

21.01 MHz

x dB

-26.00 dB

Frequency

Center Freq

5.200000000 GHz

CF Step

3.000000 MHz

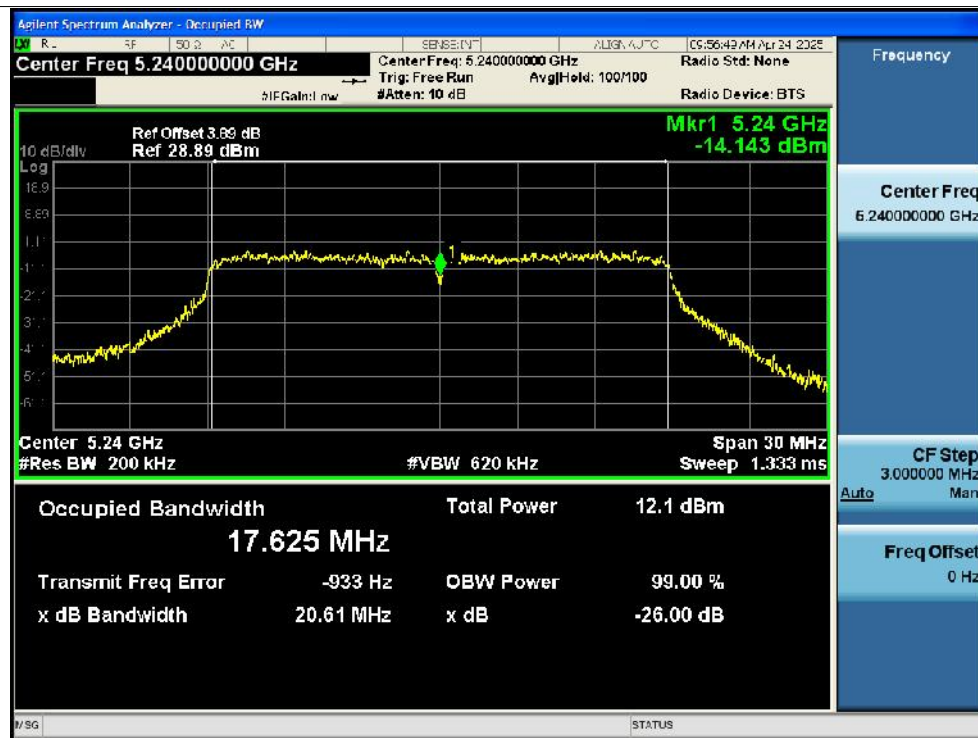
Man

Auto

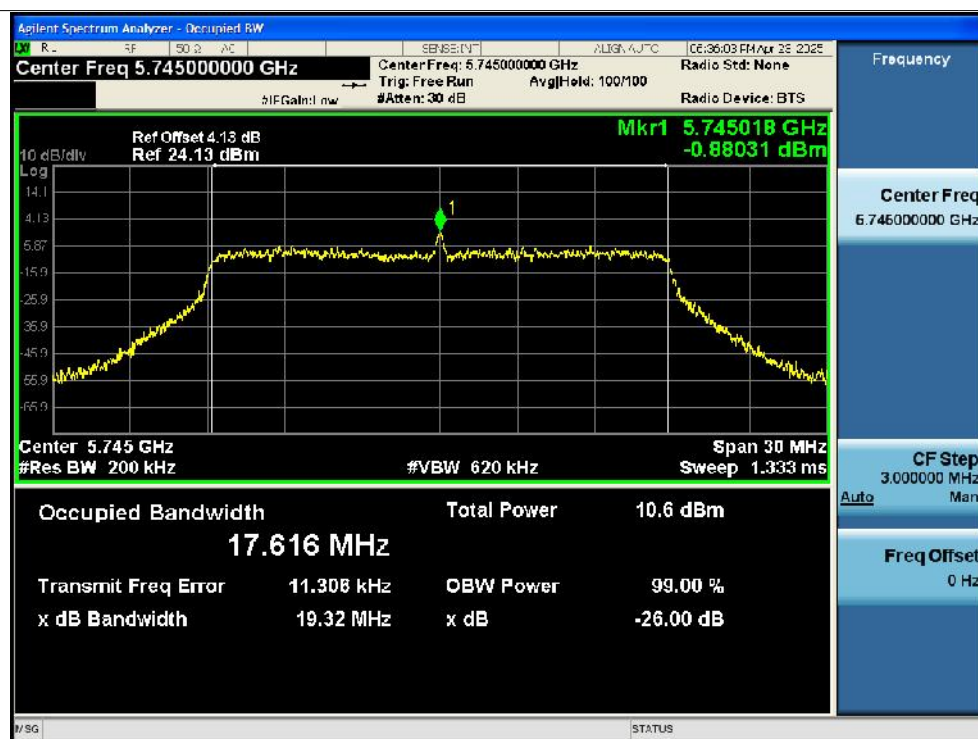
Freq Offset

0 Hz

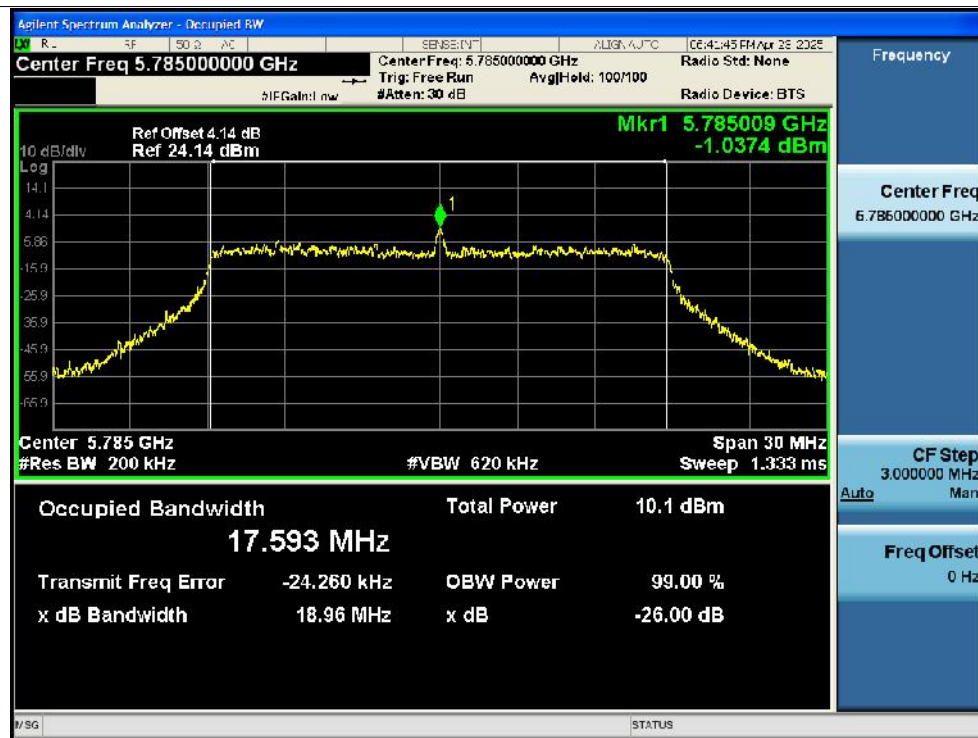
OBW NVNT ac20 5240MHz Ant1



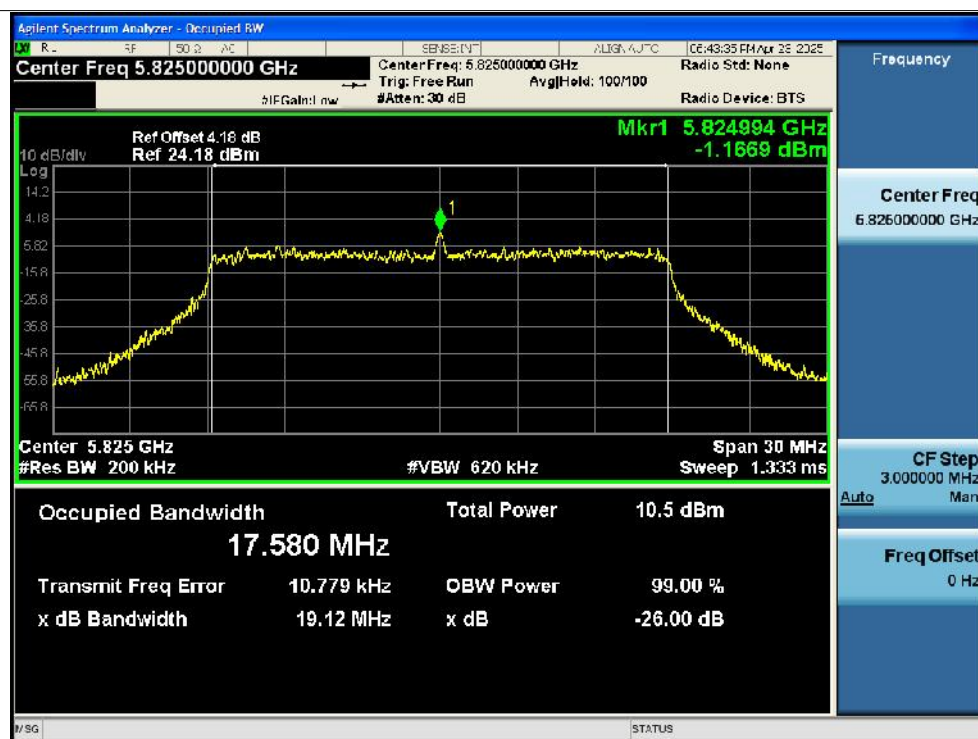
OBW NVNT ac20 5745MHz Ant1



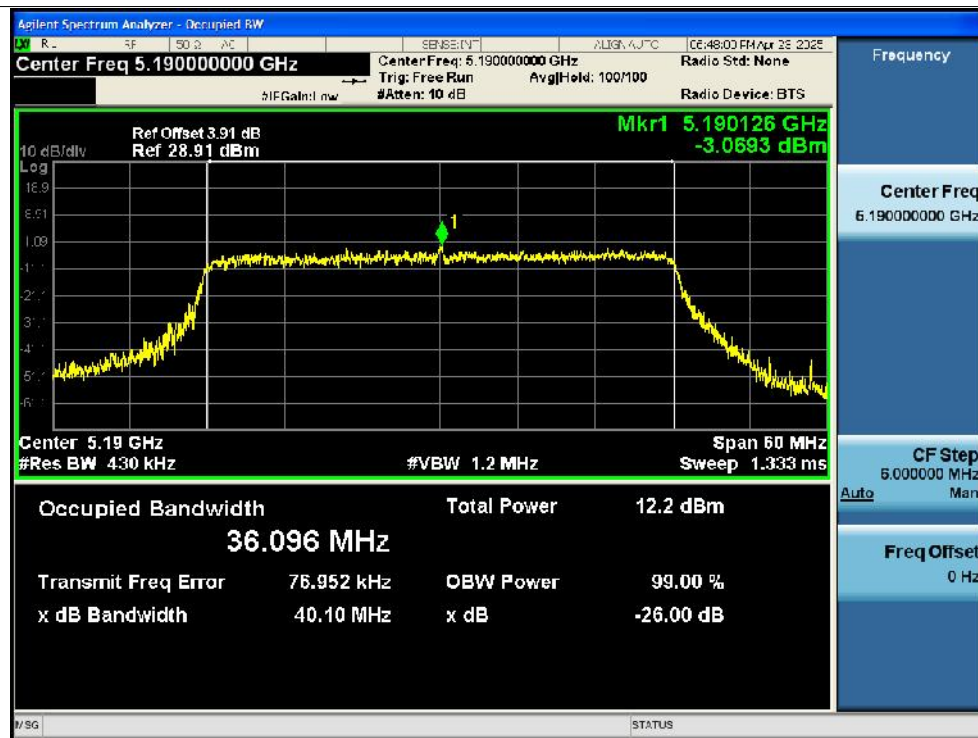
OBW NVNT ac20 5785MHz Ant1



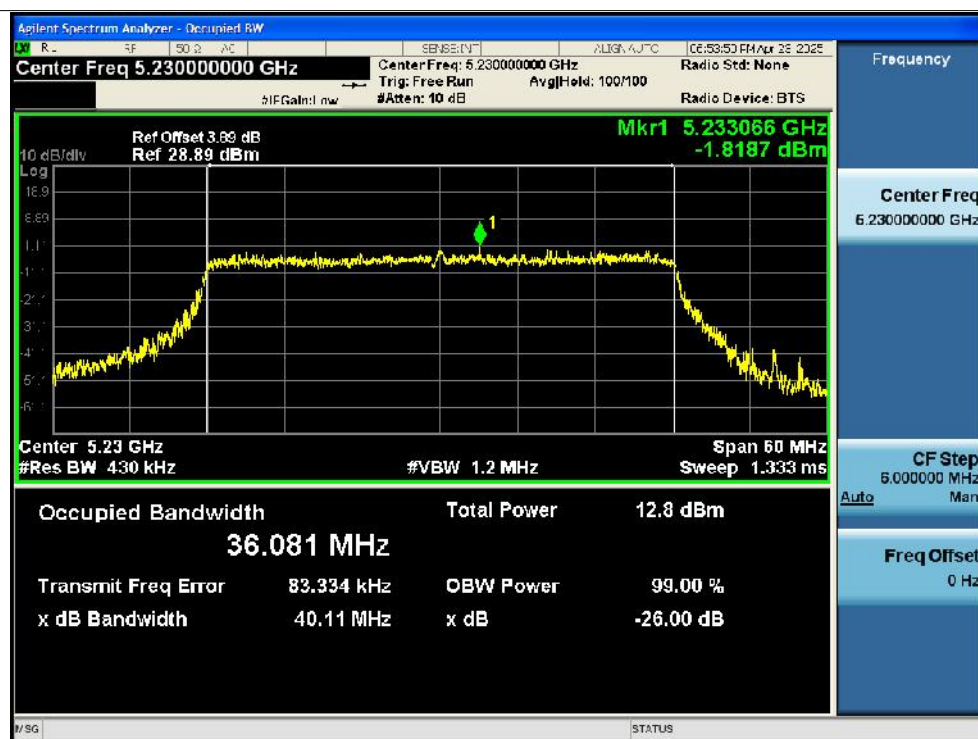
OBW NVNT ac20 5825MHz Ant1



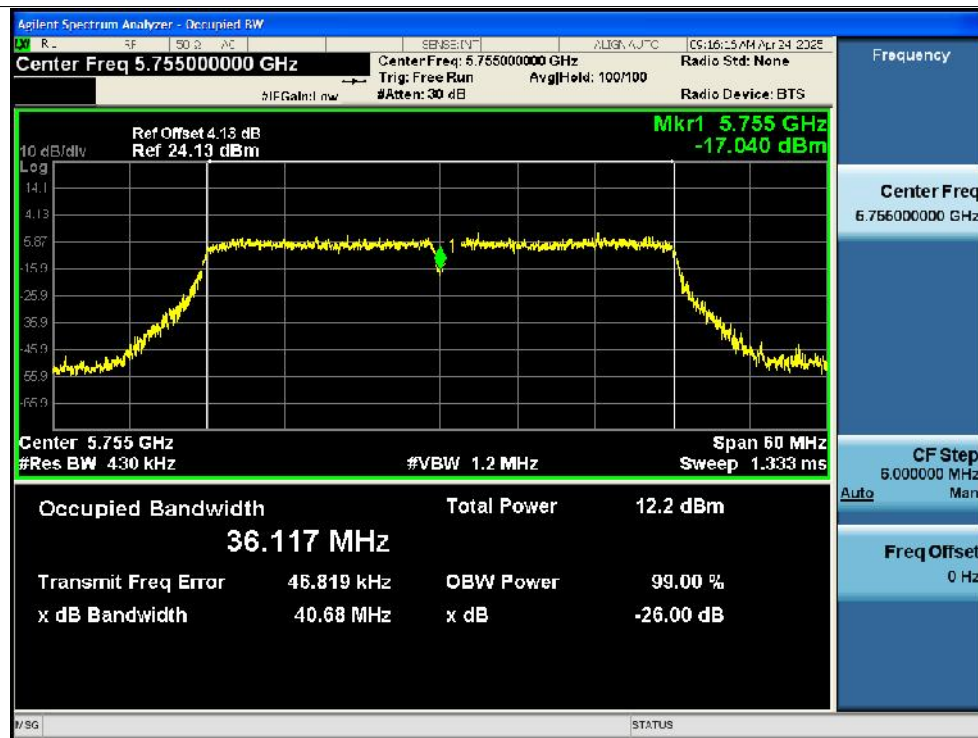
OBW NVNT ac40 5190MHz Ant1



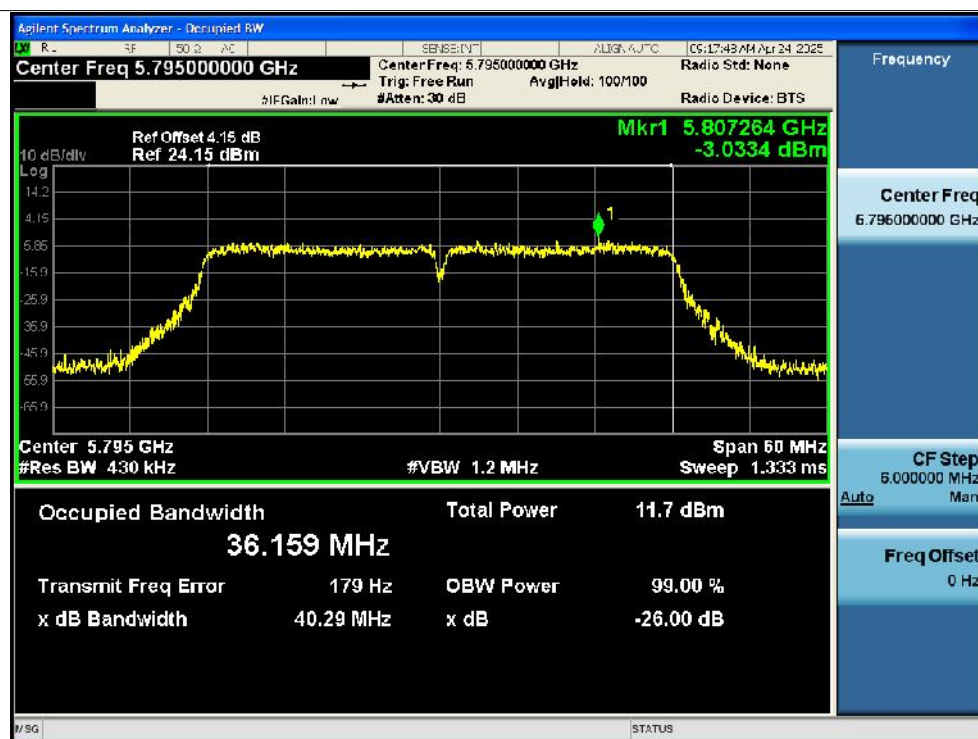
OBW NVNT ac40 5230MHz Ant1



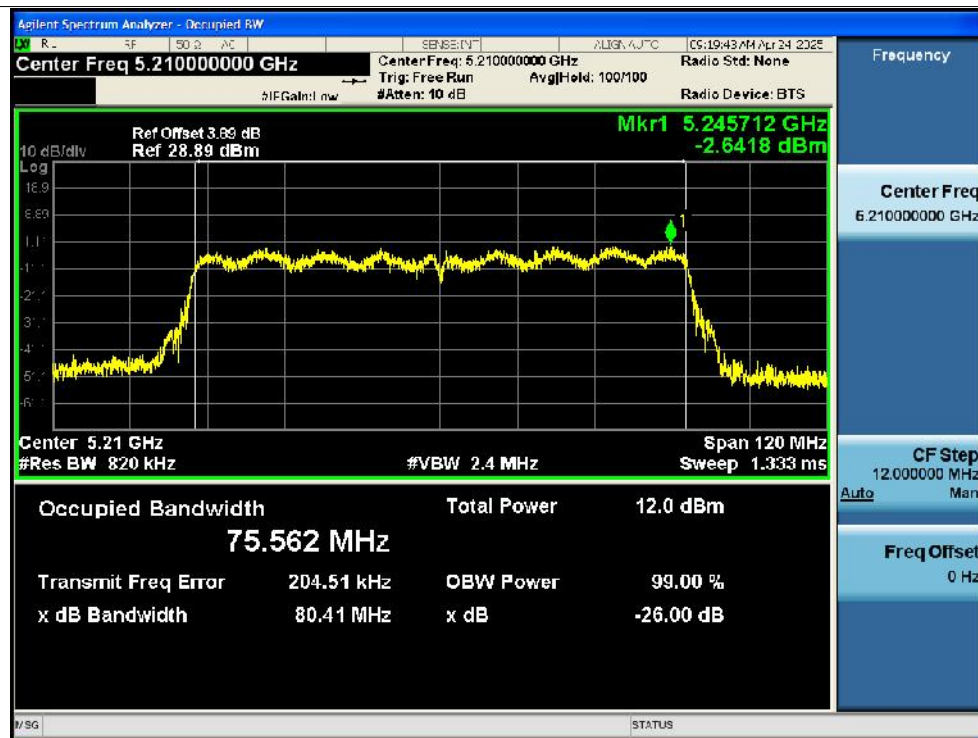
OBW NVNT ac40 5755MHz Ant1



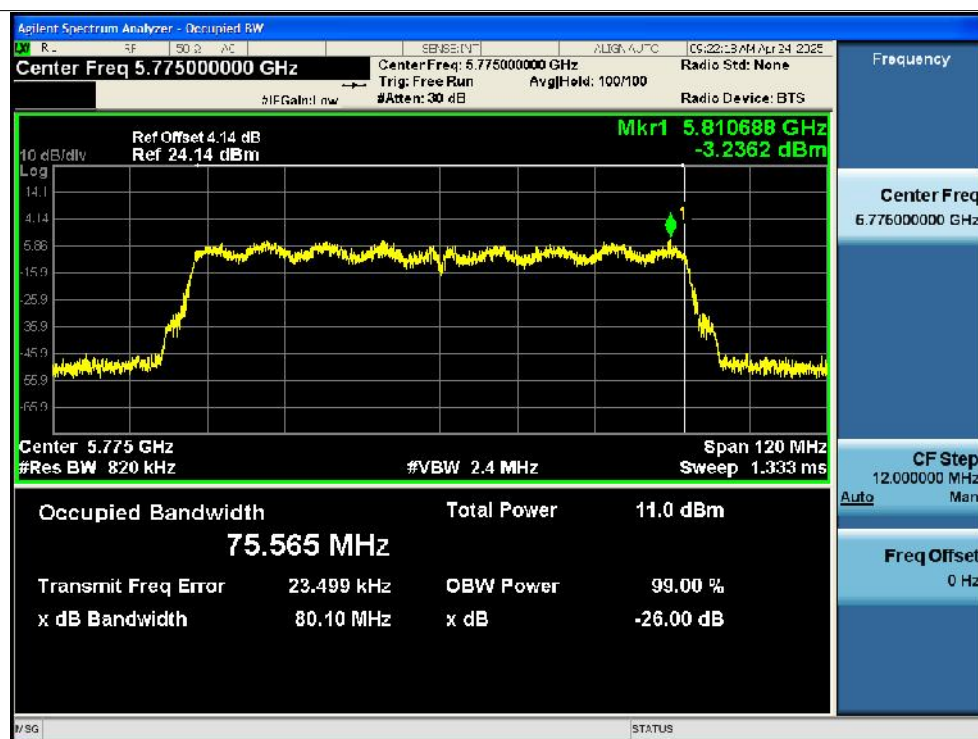
OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5775MHz Ant1



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	-4.04	0.11	-3.93	11	Pass
NVNT	a	5200	Ant1	-4.39	0.11	-4.28	11	Pass
NVNT	a	5240	Ant1	-4.62	0.11	-4.51	11	Pass
NVNT	a	5745	Ant1	-6.53	0.11	-6.42	30	Pass
NVNT	a	5785	Ant1	-7.01	0.11	-6.9	30	Pass
NVNT	a	5825	Ant1	-6.62	0.11	-6.51	30	Pass
NVNT	n20	5180	Ant1	-5.06	0	-5.06	11	Pass
NVNT	n20	5200	Ant1	-5.37	0	-5.37	11	Pass
NVNT	n20	5240	Ant1	-6.04	0	-6.04	11	Pass
NVNT	n20	5745	Ant1	-7.27	0	-7.27	30	Pass
NVNT	n20	5785	Ant1	-7.96	0	-7.96	30	Pass
NVNT	n20	5825	Ant1	-7.55	0	-7.55	30	Pass
NVNT	n40	5190	Ant1	-7.78	0	-7.78	11	Pass
NVNT	n40	5230	Ant1	-8.7	0	-8.7	11	Pass
NVNT	n40	5755	Ant1	-10.29	0	-10.29	30	Pass
NVNT	n40	5795	Ant1	-10.85	0	-10.85	30	Pass
NVNT	ac20	5180	Ant1	-6.01	0	-6.01	11	Pass
NVNT	ac20	5200	Ant1	-5.97	0	-5.97	11	Pass
NVNT	ac20	5240	Ant1	-6.23	0	-6.23	11	Pass
NVNT	ac20	5745	Ant1	-8.18	0	-8.18	30	Pass
NVNT	ac20	5785	Ant1	-8.41	0	-8.41	30	Pass
NVNT	ac20	5825	Ant1	-8.63	0	-8.63	30	Pass
NVNT	ac40	5190	Ant1	-9.16	0	-9.16	11	Pass
NVNT	ac40	5230	Ant1	-8.96	0	-8.96	11	Pass
NVNT	ac40	5755	Ant1	-11.55	0	-11.55	30	Pass
NVNT	ac40	5795	Ant1	-11.35	0	-11.35	30	Pass
NVNT	ac80	5210	Ant1	-13.06	0	-13.06	11	Pass
NVNT	ac80	5775	Ant1	-14.31	0	-14.31	30	Pass

Test Graphs

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



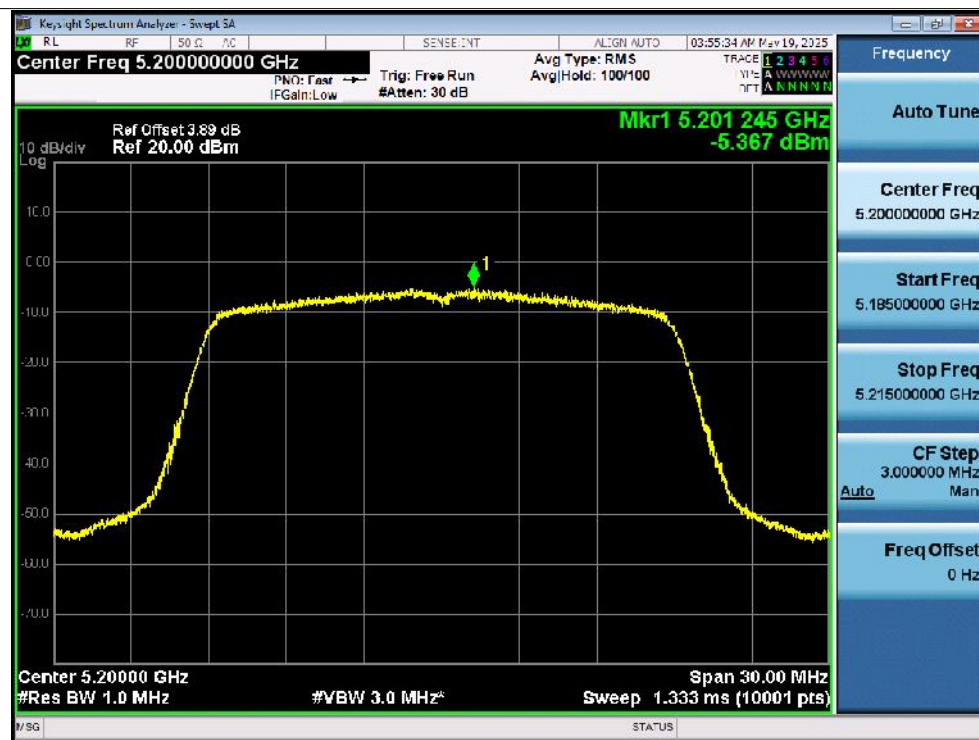
PSD NVNT a 5825MHz Ant1



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



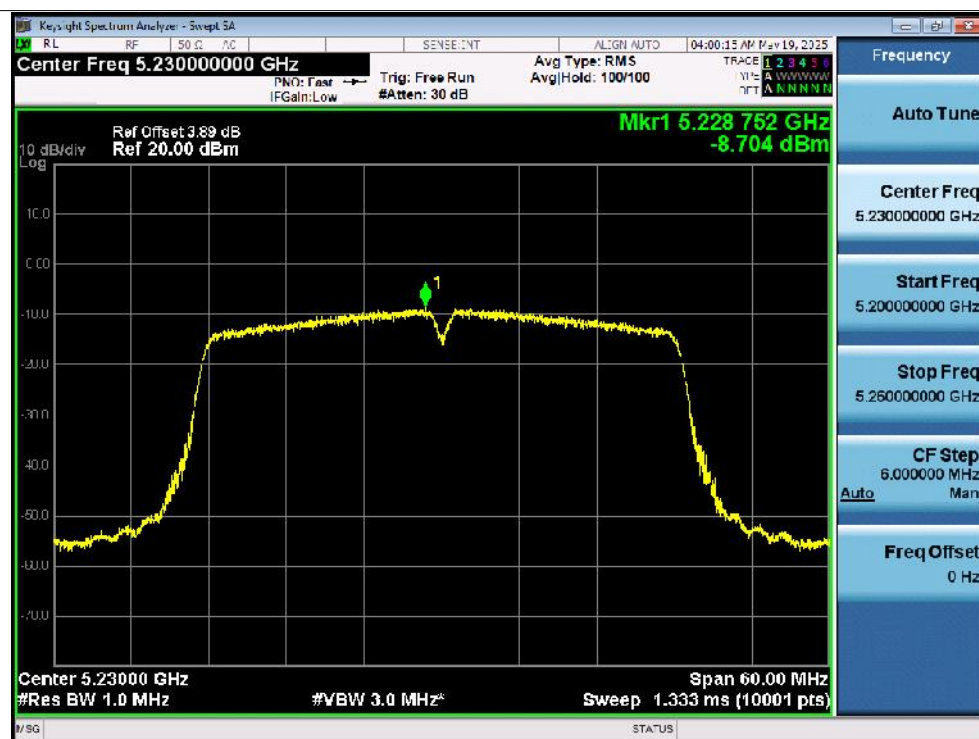
PSD NVNT n20 5825MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1



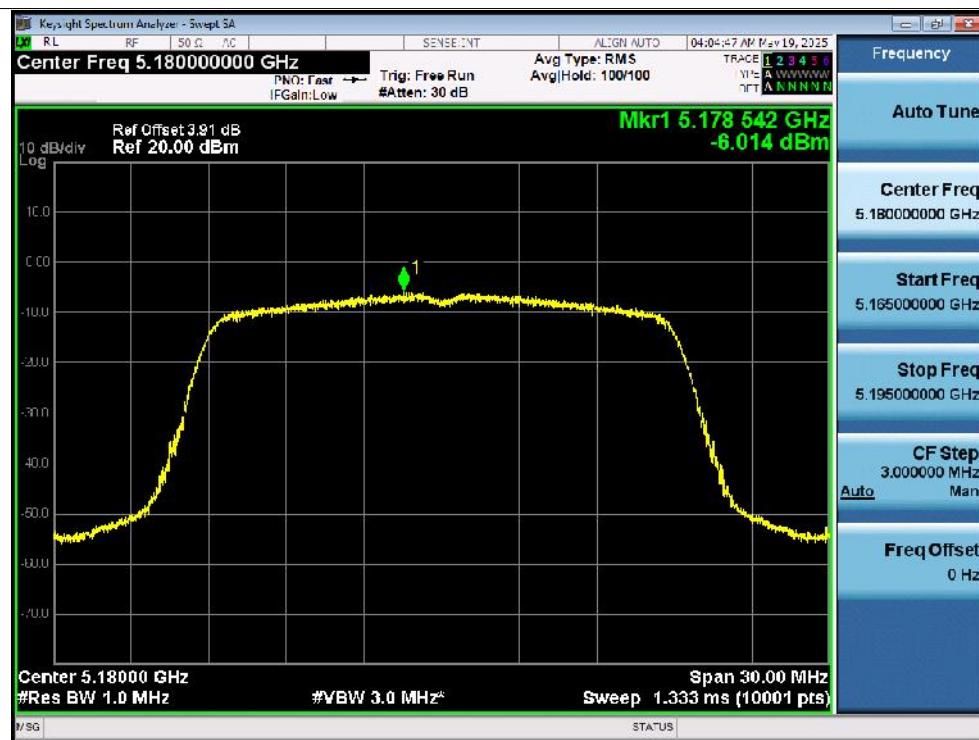
PSD NVNT n40 5755MHz Ant1



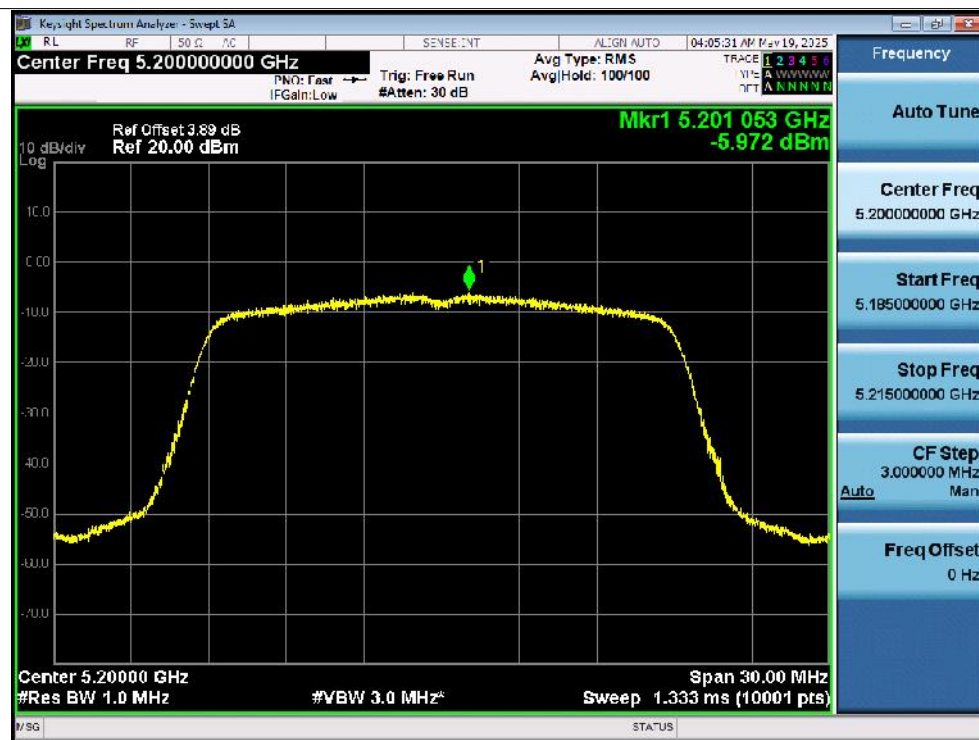
PSD NVNT n40 5795MHz Ant1



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



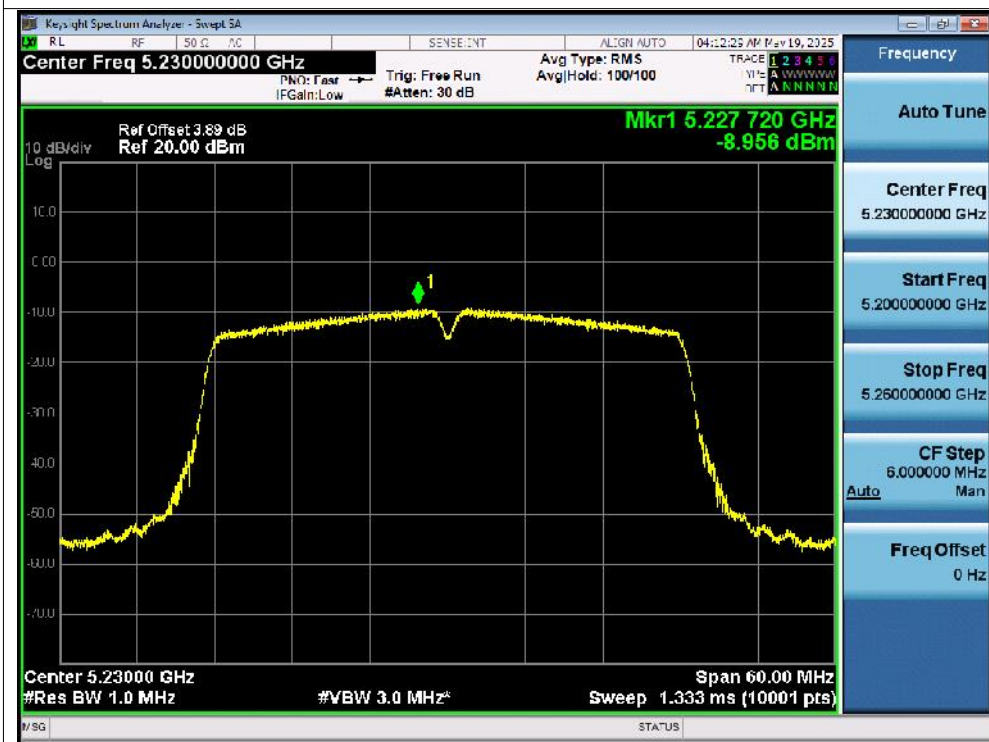
PSD NVNT ac20 5825MHz Ant1



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

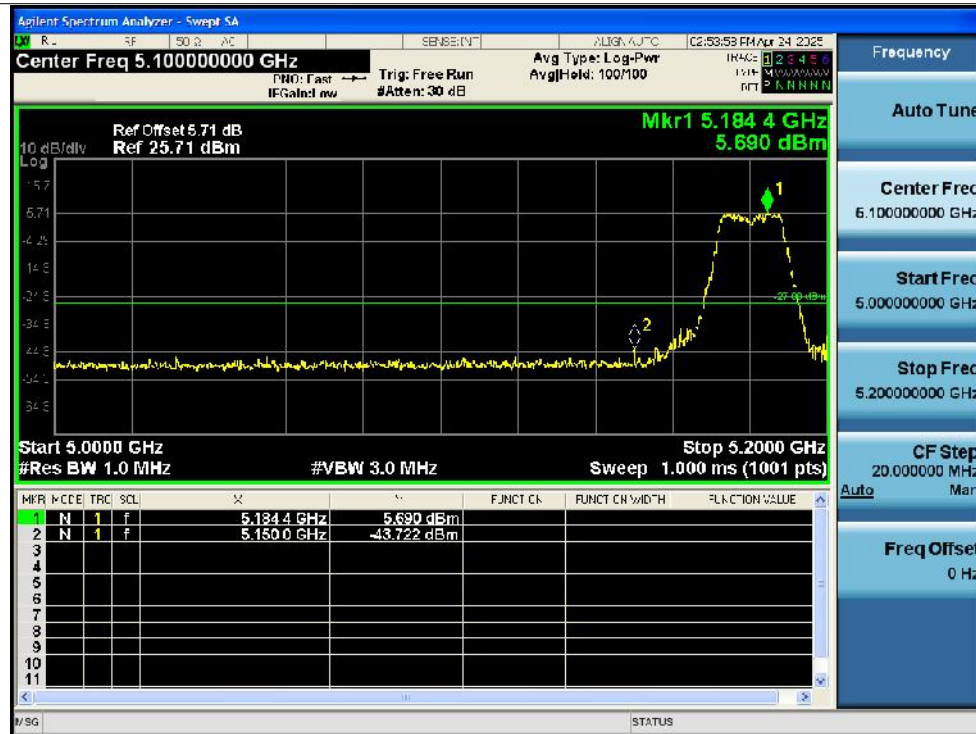


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-43.72	-27	Pass
NVNT	a	5240	Ant1	-44.57	-27	Pass
NVNT	a	5745	Ant1	-44.94	See test data	Pass
NVNT	a	5825	Ant1	-44.67	See test data	Pass
NVNT	n20	5180	Ant1	-46.35	-27	Pass
NVNT	n20	5240	Ant1	-46.93	-27	Pass
NVNT	n20	5745	Ant1	-41.77	See test data	Pass
NVNT	n20	5825	Ant1	-45.42	See test data	Pass
NVNT	n40	5190	Ant1	-44.06	-27	Pass
NVNT	n40	5230	Ant1	-45.96	-27	Pass
NVNT	n40	5755	Ant1	-44.55	See test data	Pass
NVNT	n40	5795	Ant1	-45.86	See test data	Pass
NVNT	ac20	5180	Ant1	-44.96	-27	Pass
NVNT	ac20	5240	Ant1	-46.69	-27	Pass
NVNT	ac20	5745	Ant1	-40.03	See test data	Pass
NVNT	ac20	5825	Ant1	-40.13	See test data	Pass
NVNT	ac40	5190	Ant1	-43.31	-27	Pass
NVNT	ac40	5230	Ant1	-46.09	-27	Pass
NVNT	ac40	5755	Ant1	-43.94	See test data	Pass
NVNT	ac40	5795	Ant1	-45.55	See test data	Pass

Test Graphs

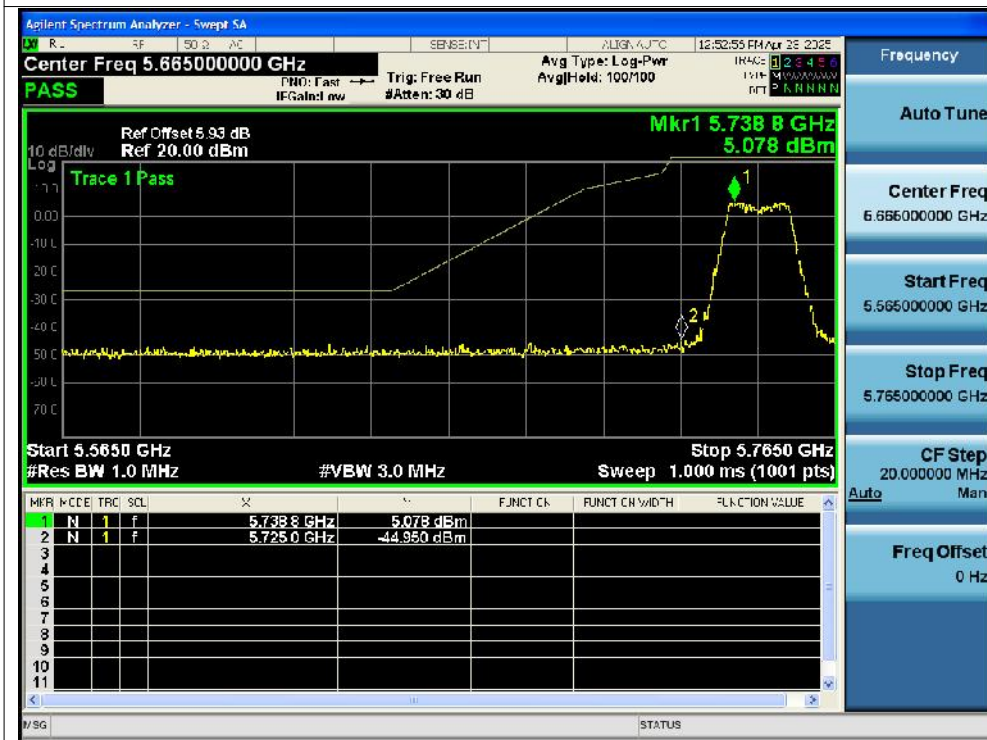
Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1



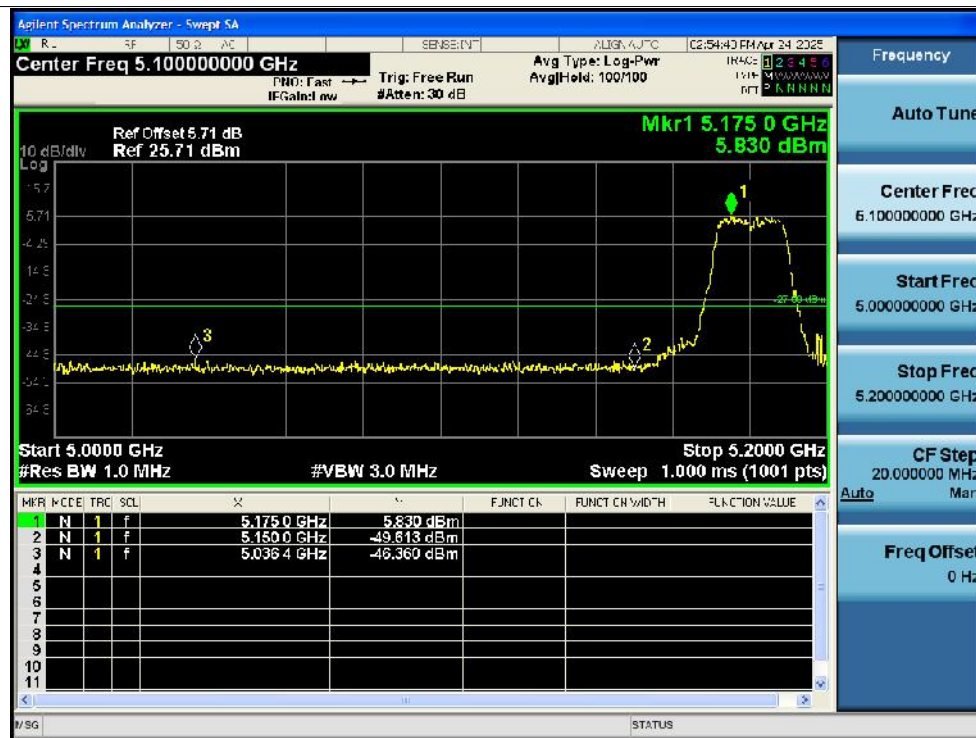
Band Edge NVNT a 5745MHz Low Ant1



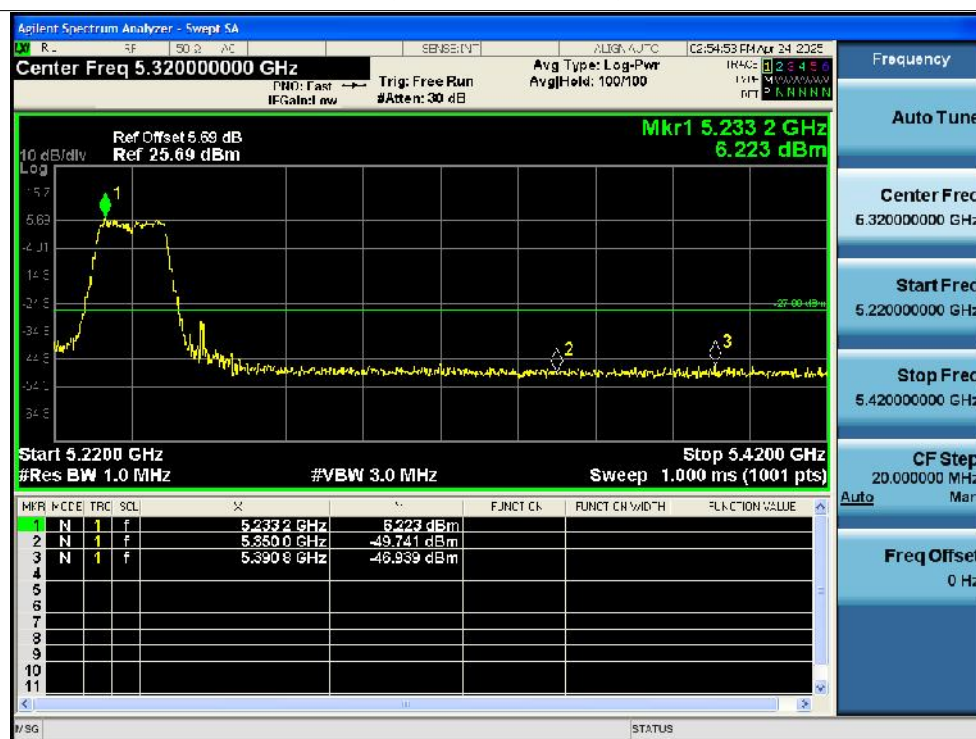
Band Edge NVNT a 5825MHz High Ant1



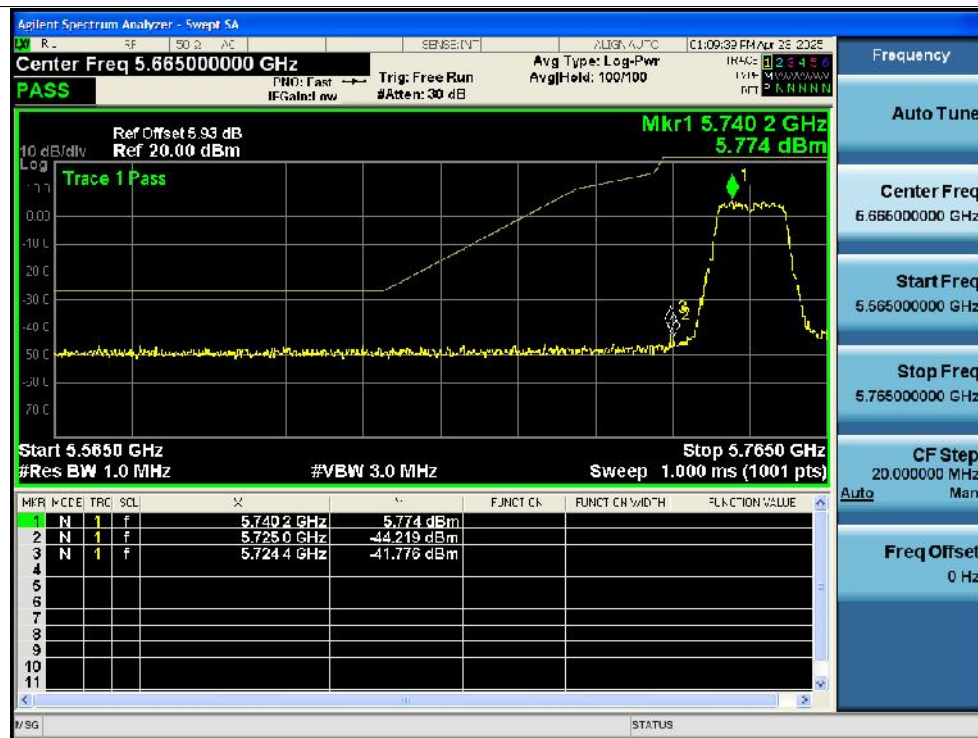
Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



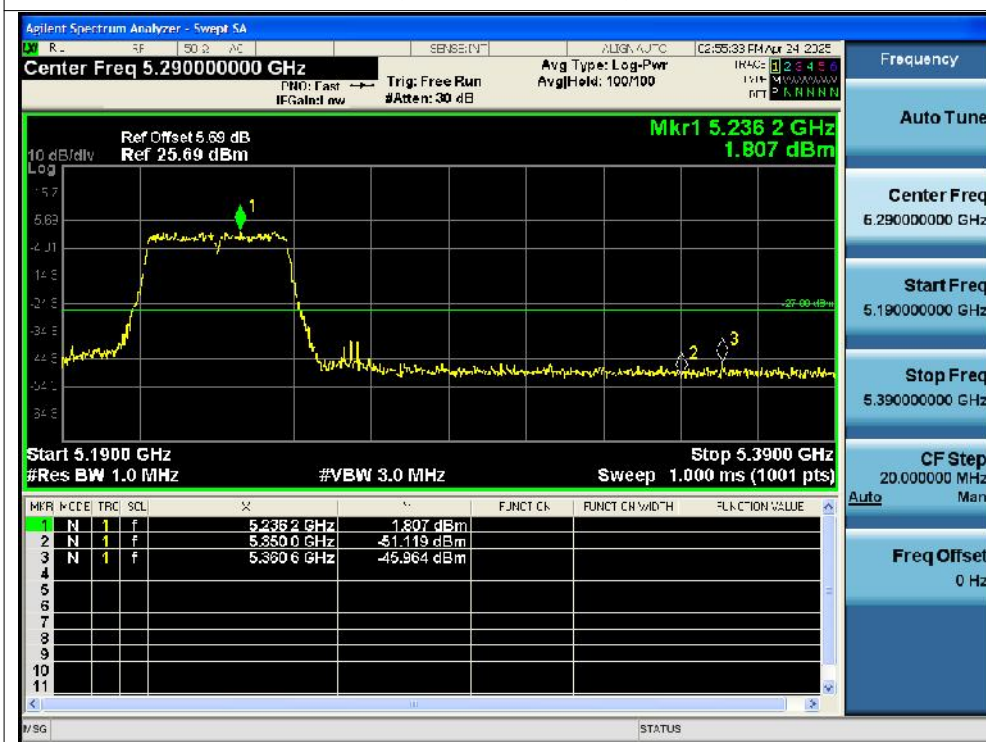
Band Edge NVNT n20 5825MHz High Ant1



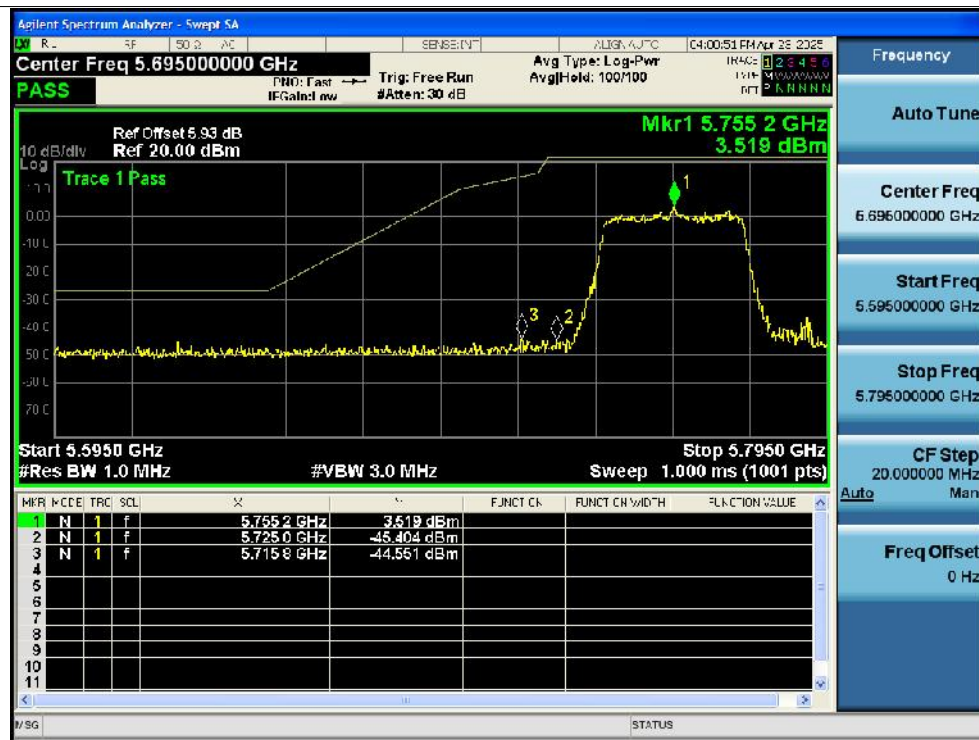
Band Edge NVNT n40 5190MHz Low Ant1



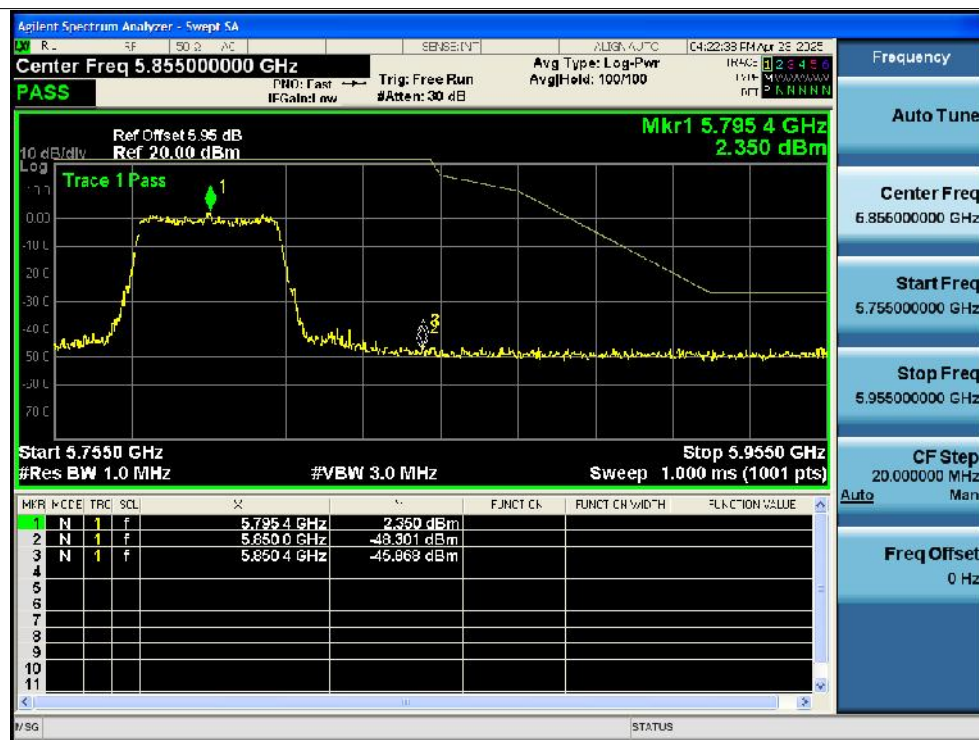
Band Edge NVNT n40 5230MHz High Ant1



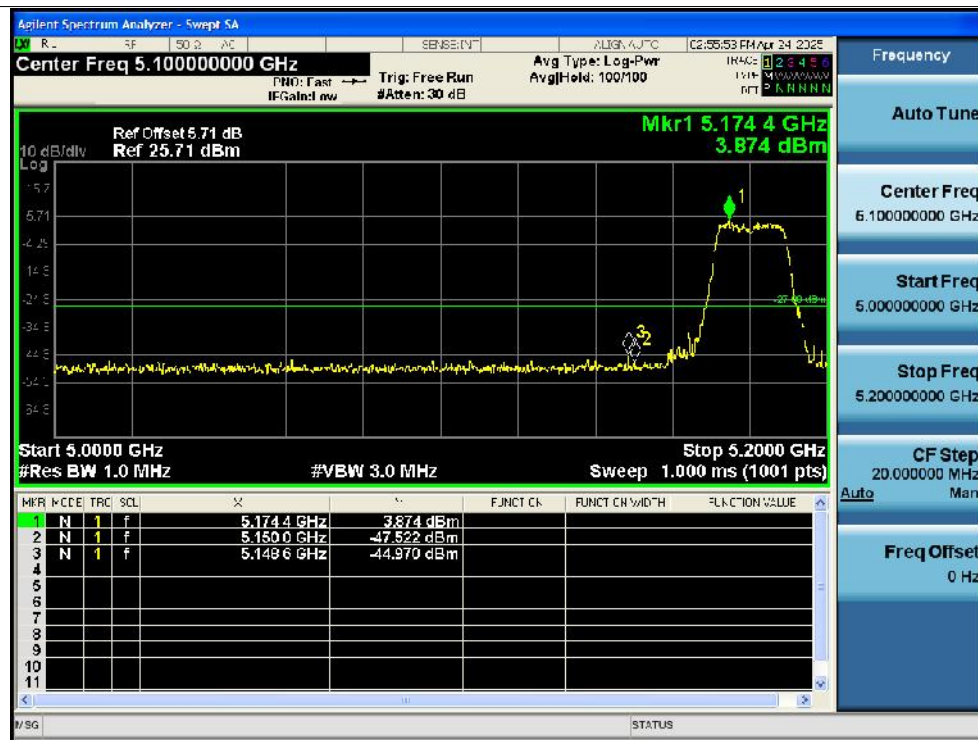
Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT ac20 5180MHz Low Ant1



Band Edge NVNT ac20 5240MHz High Ant1

