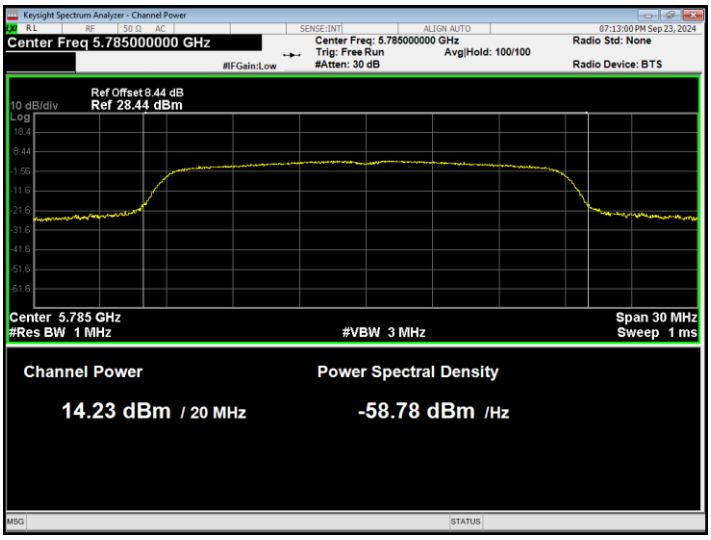
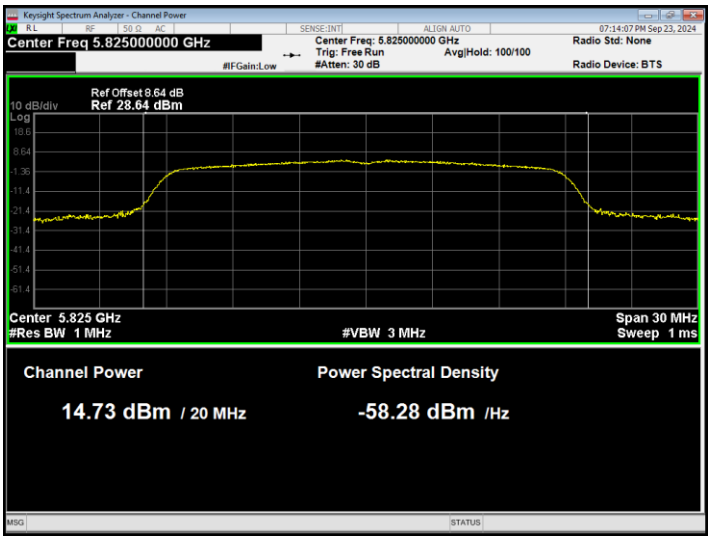
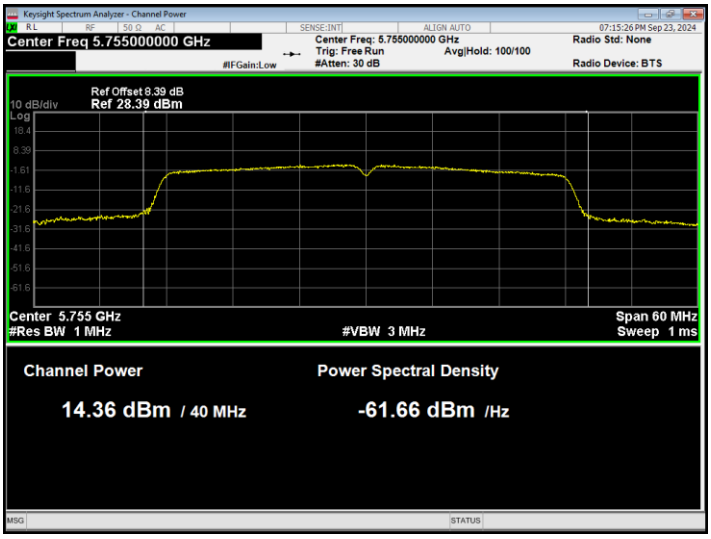


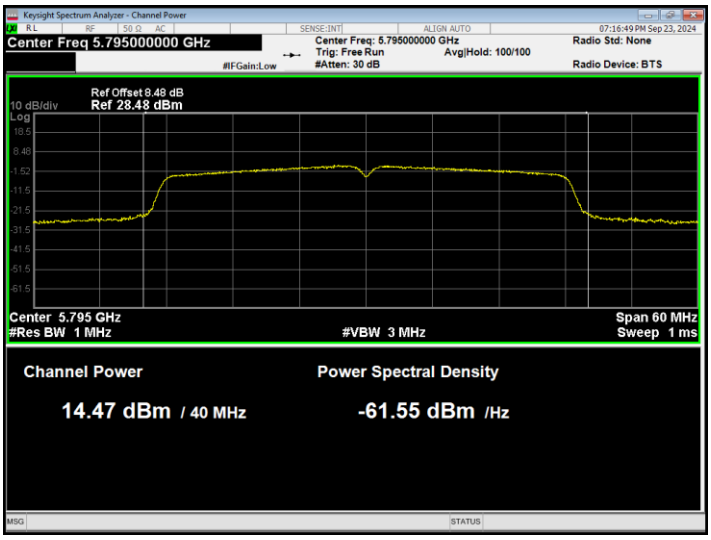
Power NVNT n20 5825MHz Ant2



Power NVNT n40 5755MHz Ant2



Power NVNT n40 5795MHz Ant2

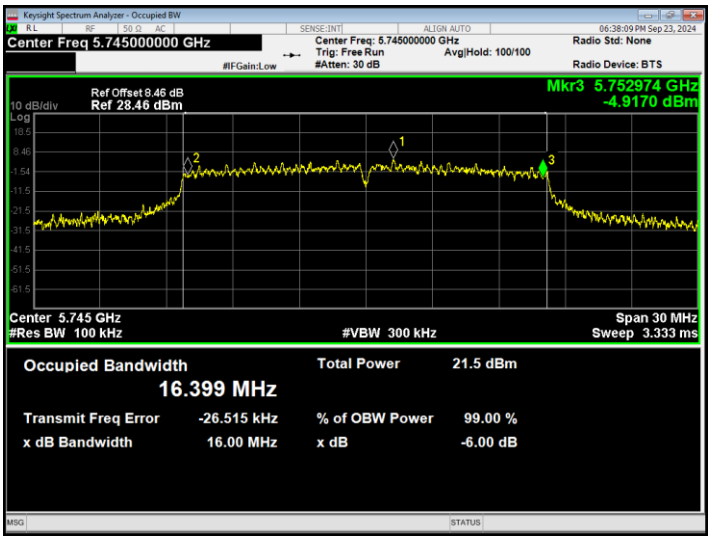

Keysight Spectrum Analyzer - Channel Power
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
07:16:49 PM Sep 23, 2024
Center Freq 5.795000000 GHz
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold: 100/100
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Ref Offset 8.48 dB
10 dB/div
Ref 28.48 dBm
Log
18.5
8.48
-1.52
-11.5
-21.5
-31.5
-41.5
-51.5
-61.5
Center 5.795 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 60 MHz
Sweep 1 ms
Channel Power
14.47 dBm / 40 MHz
Power Spectral Density
-61.55 dBm /Hz
MSG
STATUS

-6dB Bandwidth

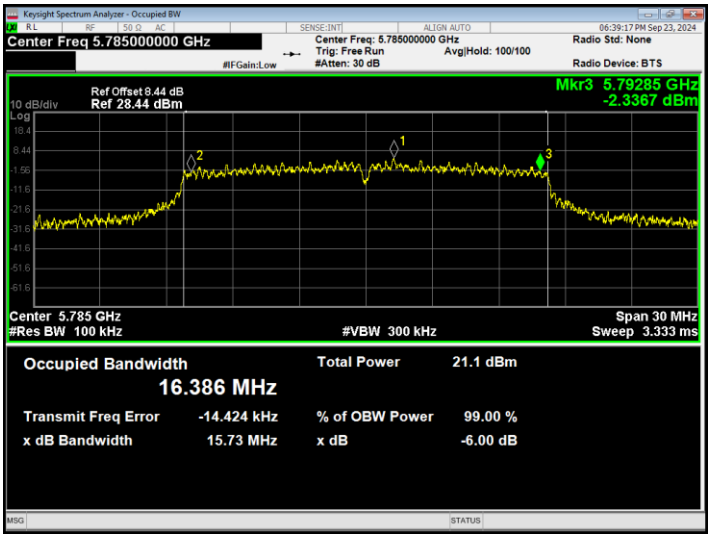
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.002	0.5	Pass
NVNT	a	5785	Ant1	15.729	0.5	Pass
NVNT	a	5825	Ant1	15.578	0.5	Pass
NVNT	ac20	5745	Ant1	15.986	0.5	Pass
NVNT	ac20	5785	Ant1	15.132	0.5	Pass
NVNT	ac20	5825	Ant1	15.061	0.5	Pass
NVNT	ac40	5755	Ant1	35.088	0.5	Pass
NVNT	ac40	5795	Ant1	35.048	0.5	Pass
NVNT	ac80	5775	Ant1	75.135	0.5	Pass
NVNT	ax20	5745	Ant1	15.07	0.5	Pass
NVNT	ax20	5785	Ant1	15.075	0.5	Pass
NVNT	ax20	5825	Ant1	14.21	0.5	Pass
NVNT	ax40	5755	Ant1	35.097	0.5	Pass
NVNT	ax40	5795	Ant1	35.088	0.5	Pass
NVNT	ax80	5775	Ant1	75.14	0.5	Pass
NVNT	n20	5745	Ant1	15.068	0.5	Pass
NVNT	n20	5785	Ant1	14.673	0.5	Pass
NVNT	n20	5825	Ant1	14.038	0.5	Pass
NVNT	n40	5755	Ant1	33.875	0.5	Pass
NVNT	n40	5795	Ant1	35.001	0.5	Pass

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant2	16.31	0.5	Pass
NVNT	a	5785	Ant2	15.942	0.5	Pass
NVNT	a	5825	Ant2	15.372	0.5	Pass
NVNT	ac20	5745	Ant2	14.974	0.5	Pass
NVNT	ac20	5785	Ant2	13.88	0.5	Pass
NVNT	ac20	5825	Ant2	15.058	0.5	Pass
NVNT	ac40	5755	Ant2	35.059	0.5	Pass
NVNT	ac40	5795	Ant2	35.095	0.5	Pass
NVNT	ac80	5775	Ant2	75.138	0.5	Pass
NVNT	ax20	5745	Ant2	15.07	0.5	Pass
NVNT	ax20	5785	Ant2	15.109	0.5	Pass
NVNT	ax20	5825	Ant2	15.066	0.5	Pass
NVNT	ax40	5755	Ant2	35.073	0.5	Pass
NVNT	ax40	5795	Ant2	35.077	0.5	Pass
NVNT	ax80	5775	Ant2	75.141	0.5	Pass
NVNT	n20	5745	Ant2	15.43	0.5	Pass
NVNT	n20	5785	Ant2	15.068	0.5	Pass
NVNT	n20	5825	Ant2	14.249	0.5	Pass
NVNT	n40	5755	Ant2	35.044	0.5	Pass
NVNT	n40	5795	Ant2	35.084	0.5	Pass

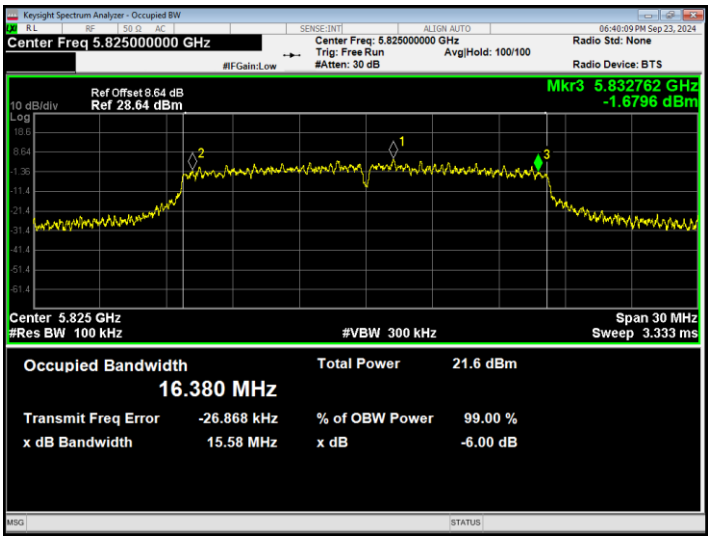
-6dB Bandwidth NVNT a 5745MHz Ant1



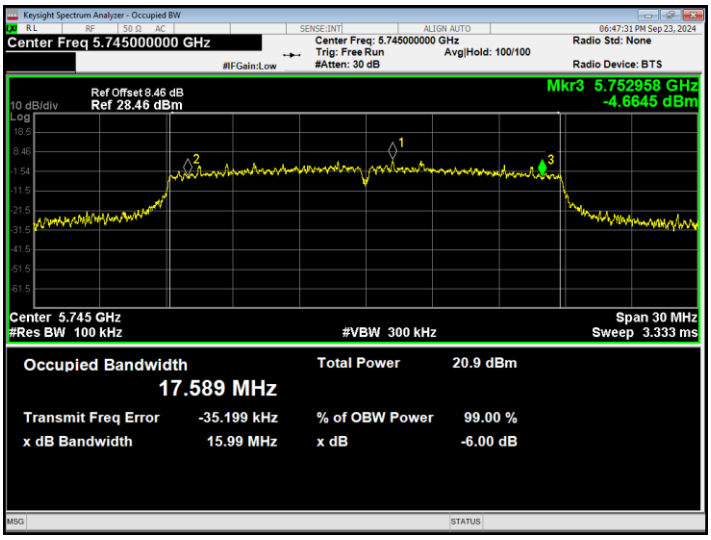
-6dB Bandwidth NVNT a 5785MHz Ant1



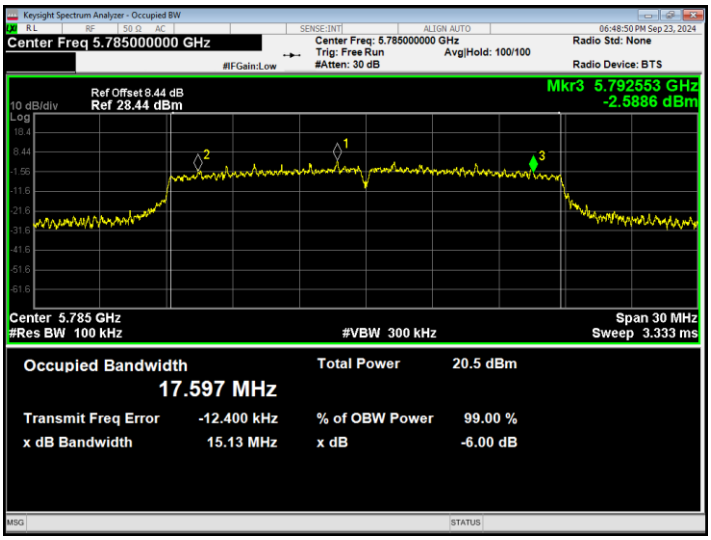
-6dB Bandwidth NVNT a 5825MHz Ant1



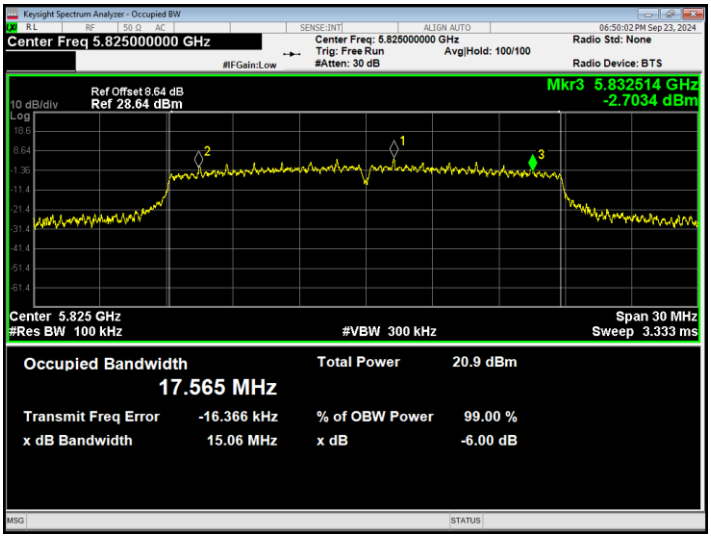
-6dB Bandwidth NVNT ac20 5745MHz Ant1



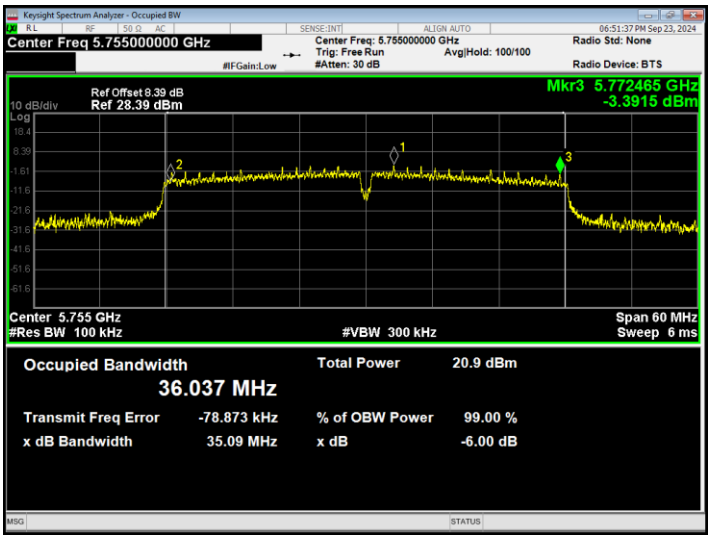
-6dB Bandwidth NVNT ac20 5785MHz Ant1



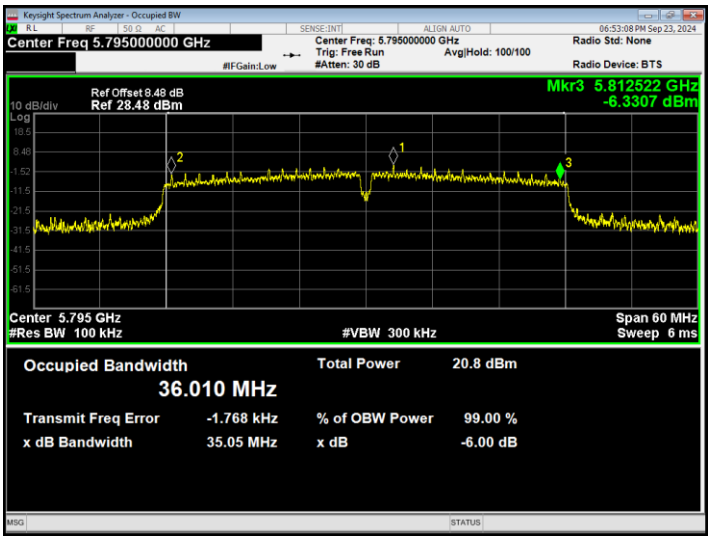
-6dB Bandwidth NVNT ac20 5825MHz Ant1



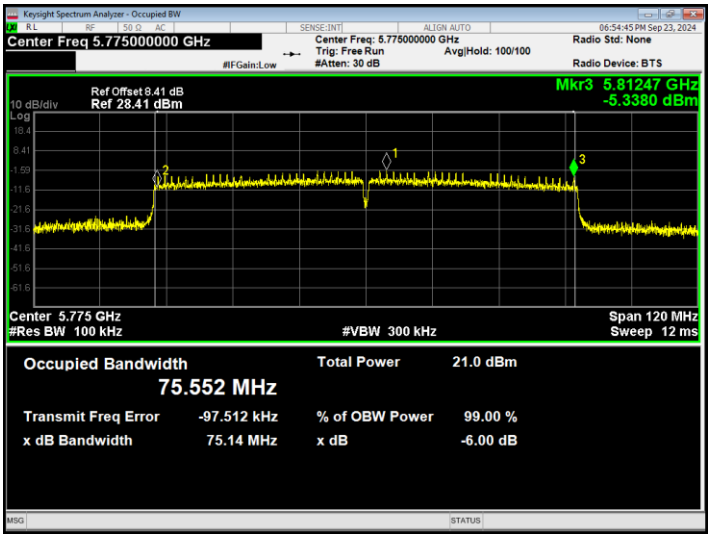
-6dB Bandwidth NVNT ac40 5755MHz Ant1



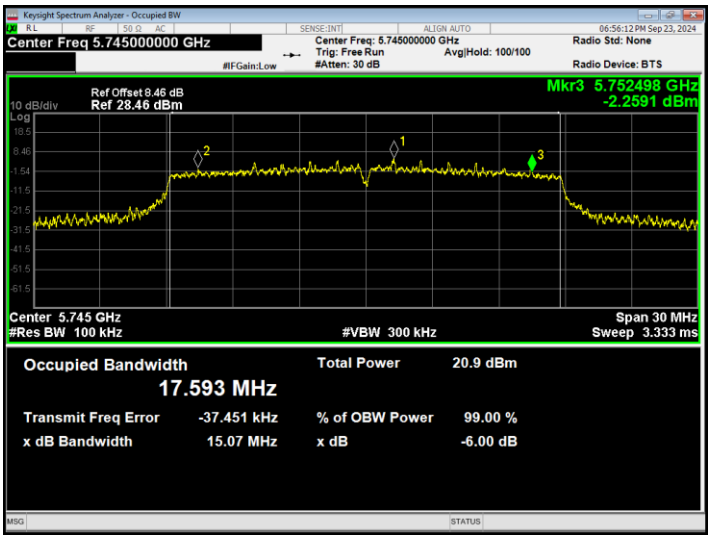
-6dB Bandwidth NVNT ac40 5795MHz Ant1



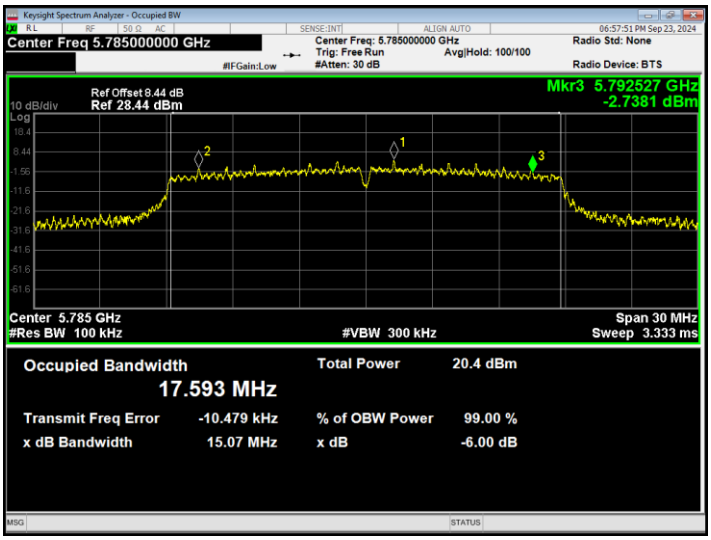
-6dB Bandwidth NVNT ac80 5775MHz Ant1



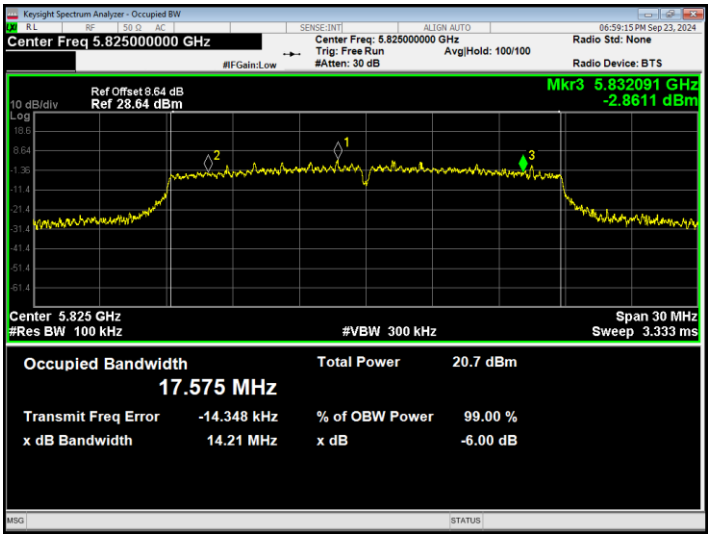
-6dB Bandwidth NVNT ax20 5745MHz Ant1



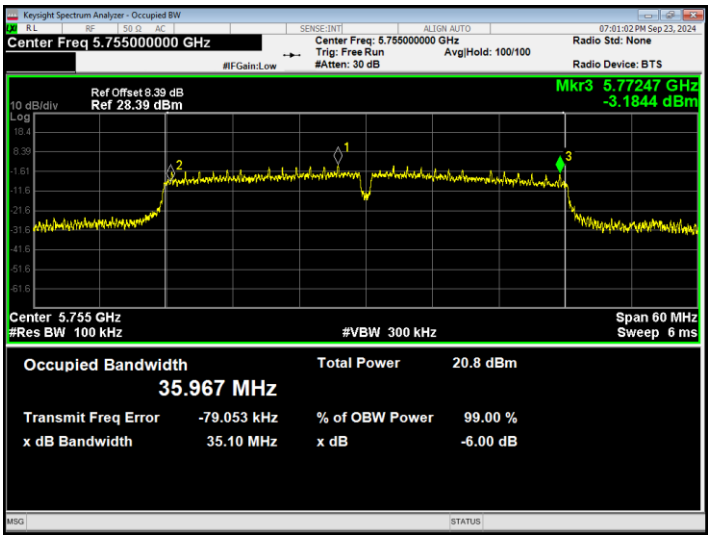
-6dB Bandwidth NVNT ax20 5785MHz Ant1



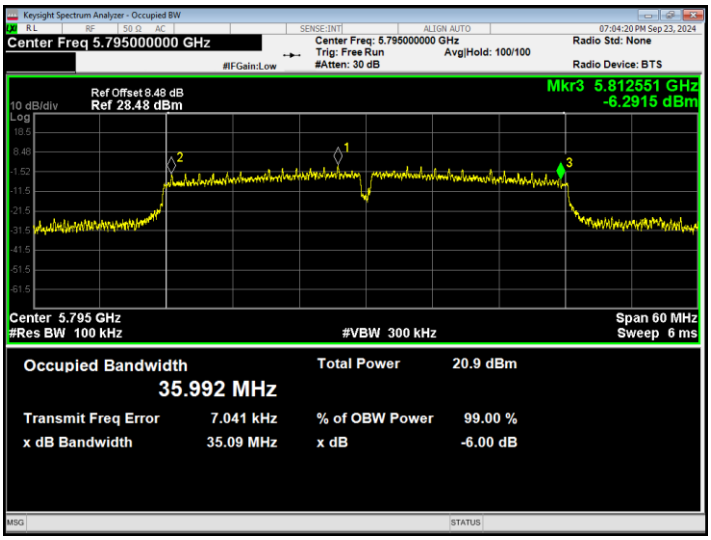
-6dB Bandwidth NVNT ax20 5825MHz Ant1



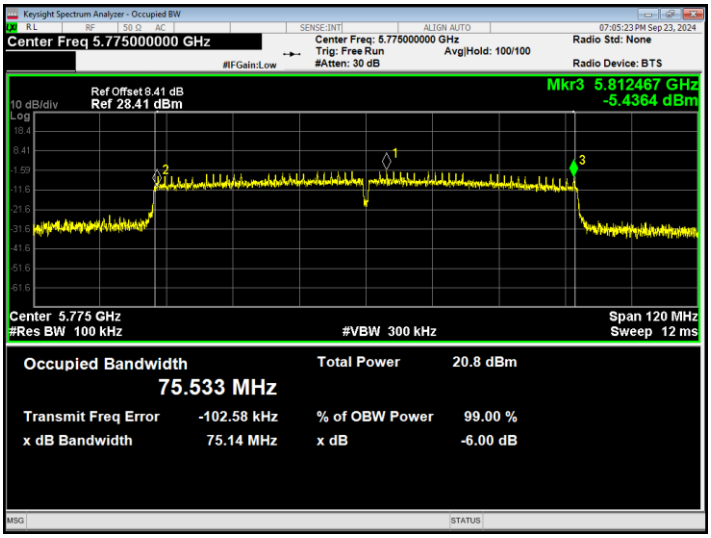
-6dB Bandwidth NVNT ax40 5755MHz Ant1



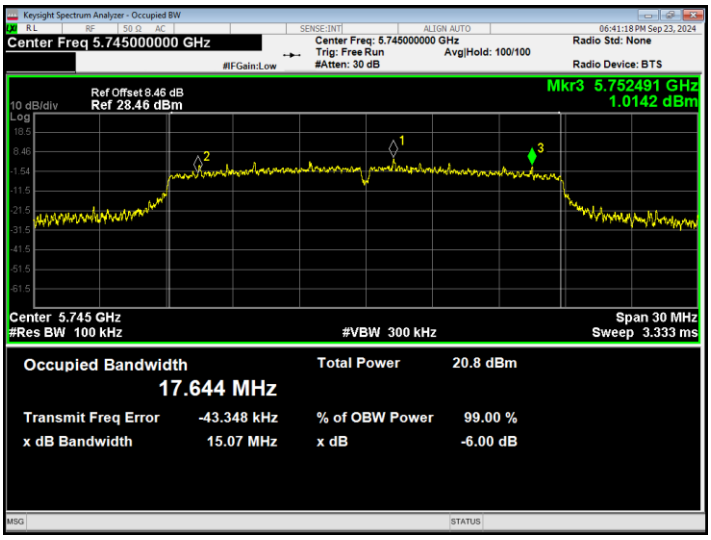
-6dB Bandwidth NVNT ax40 5795MHz Ant1



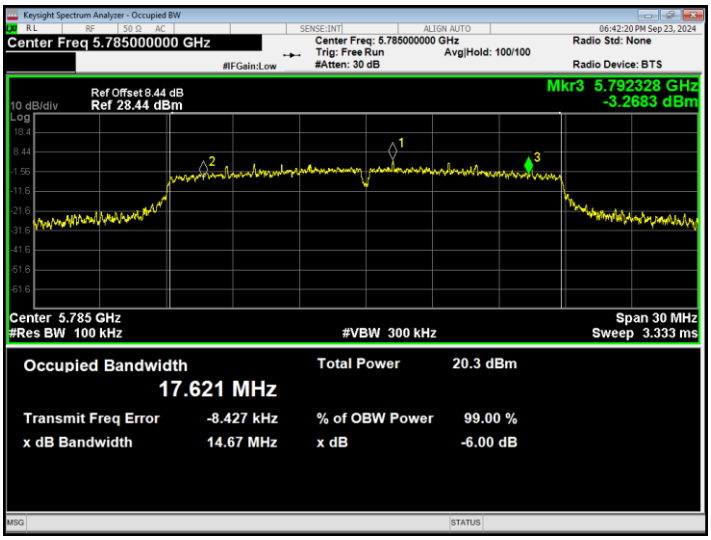
-6dB Bandwidth NVNT ax80 5775MHz Ant1



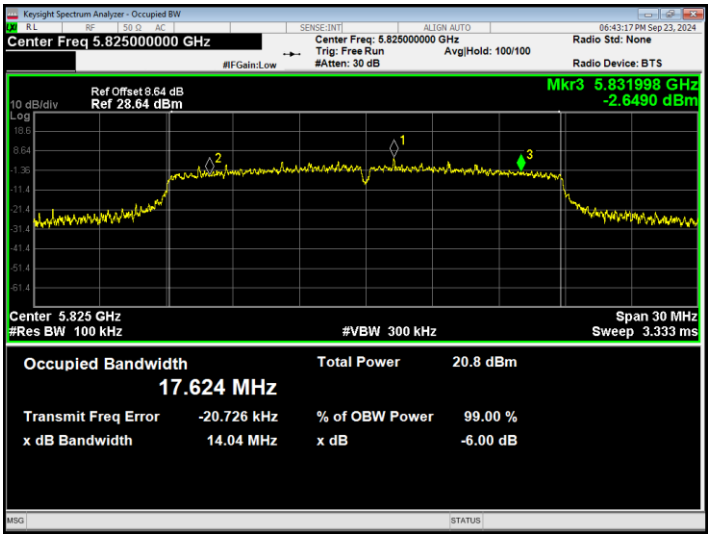
-6dB Bandwidth NVNT n20 5745MHz Ant1



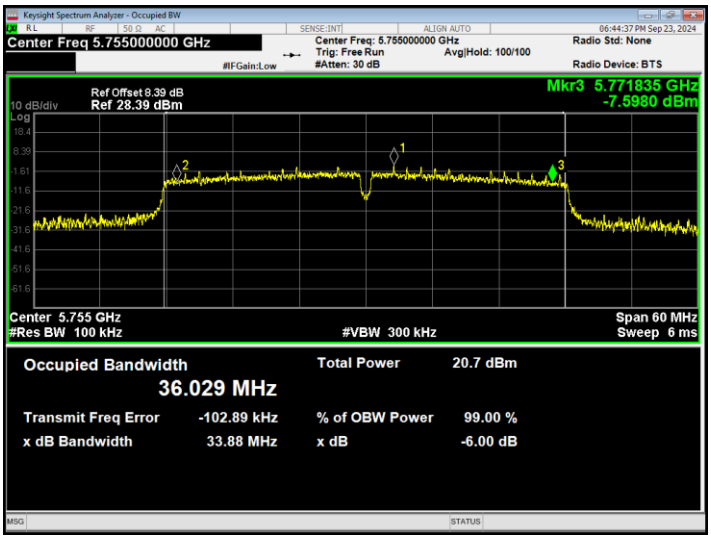
-6dB Bandwidth NVNT n20 5785MHz Ant1



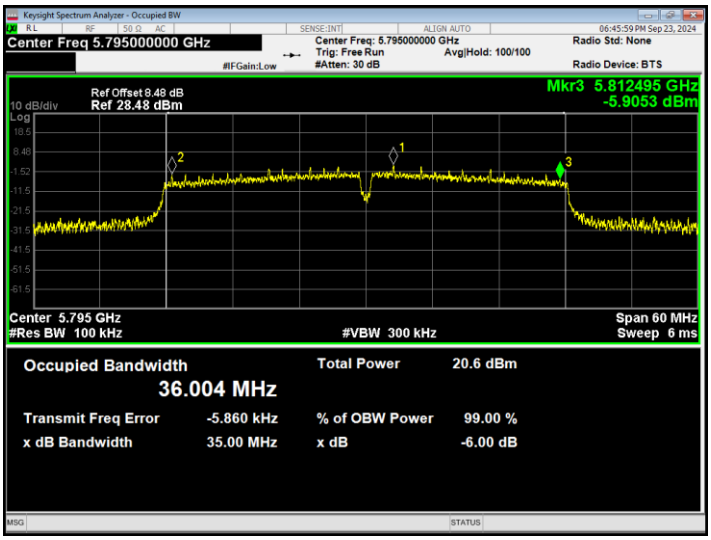
-6dB Bandwidth NVNT n20 5825MHz Ant1



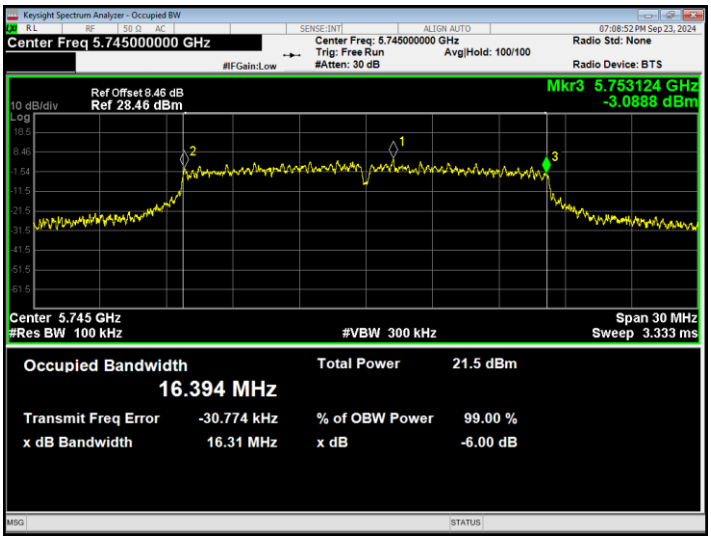
-6dB Bandwidth NVNT n40 5755MHz Ant1



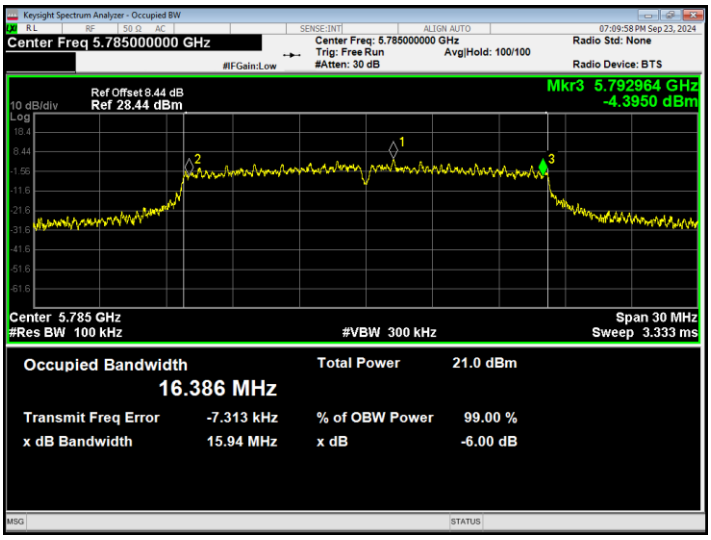
-6dB Bandwidth NVNT n40 5795MHz Ant1



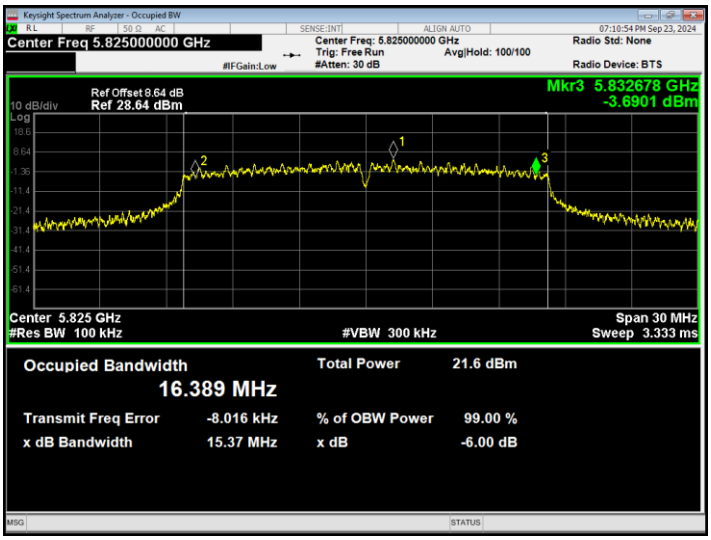
-6dB Bandwidth NVNT a 5745MHz Ant2



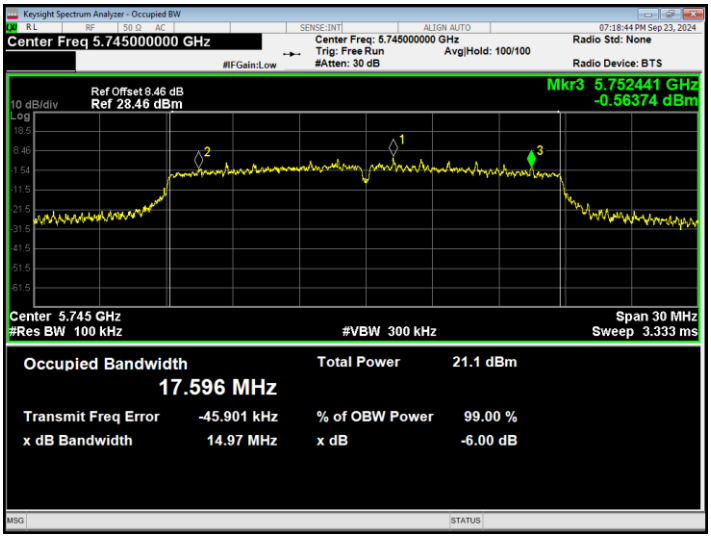
-6dB Bandwidth NVNT a 5785MHz Ant2



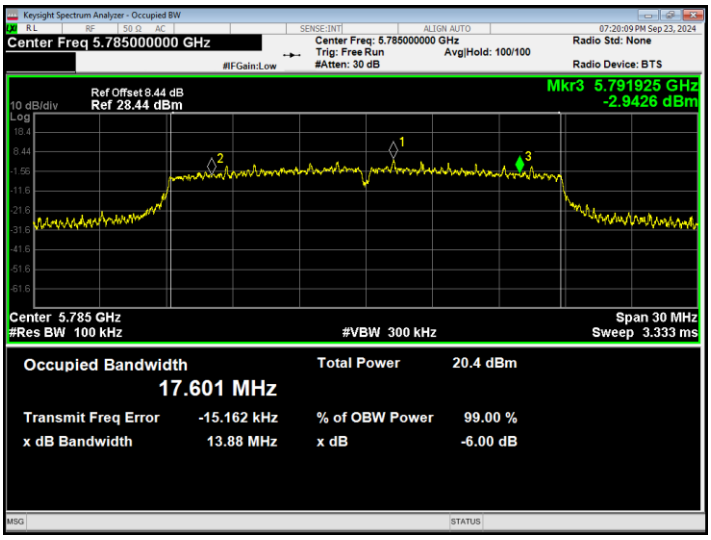
-6dB Bandwidth NVNT a 5825MHz Ant2



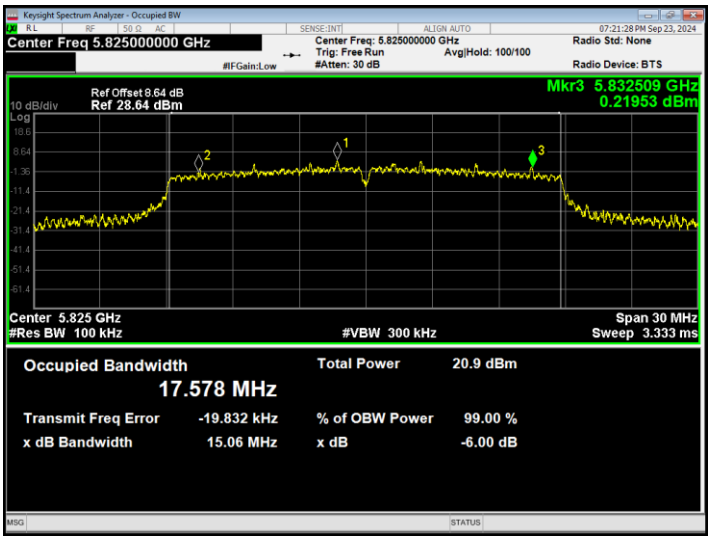
-6dB Bandwidth NVNT ac20 5745MHz Ant2



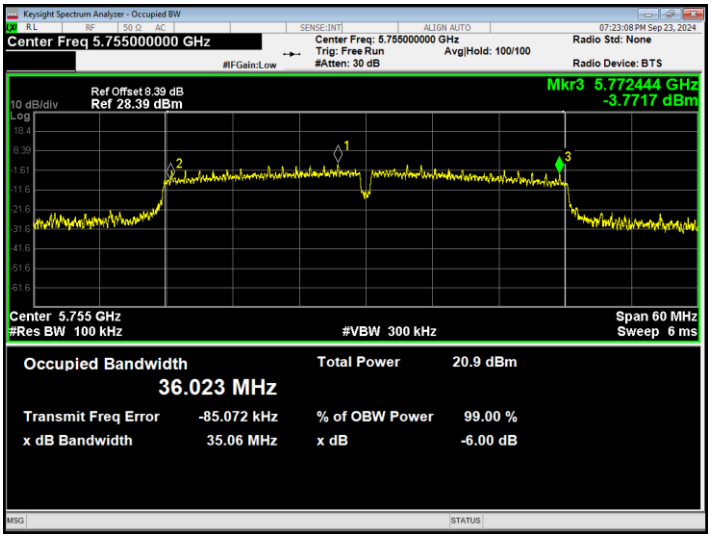
-6dB Bandwidth NVNT ac20 5785MHz Ant2



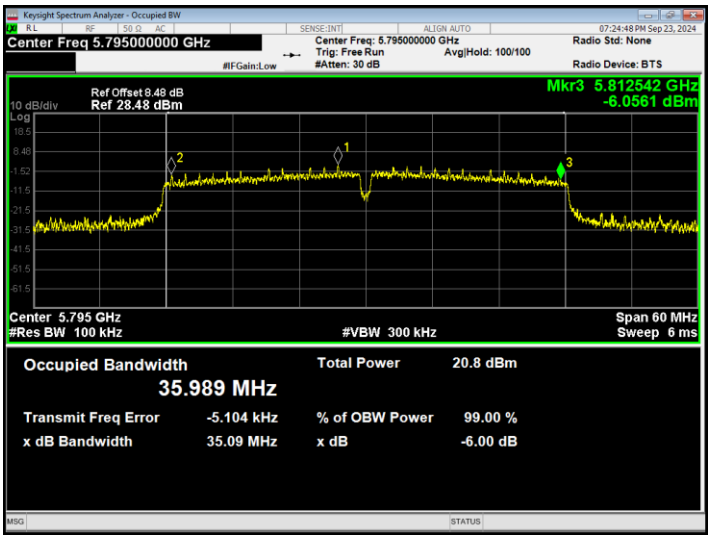
-6dB Bandwidth NVNT ac20 5825MHz Ant2



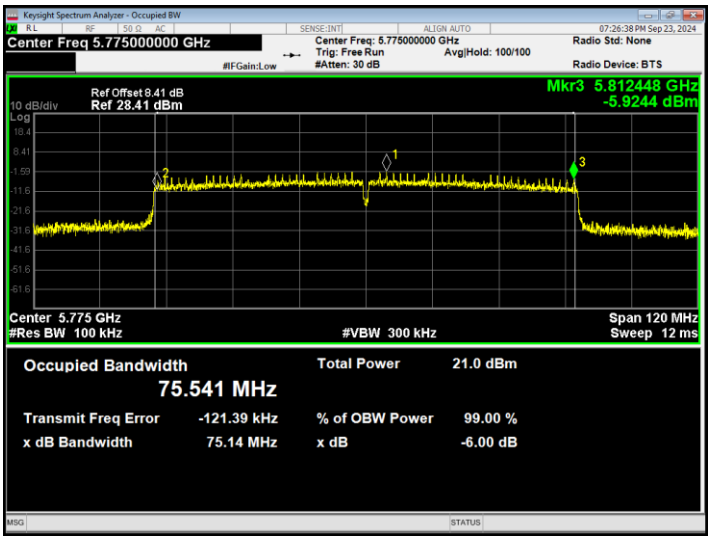
-6dB Bandwidth NVNT ac40 5755MHz Ant2



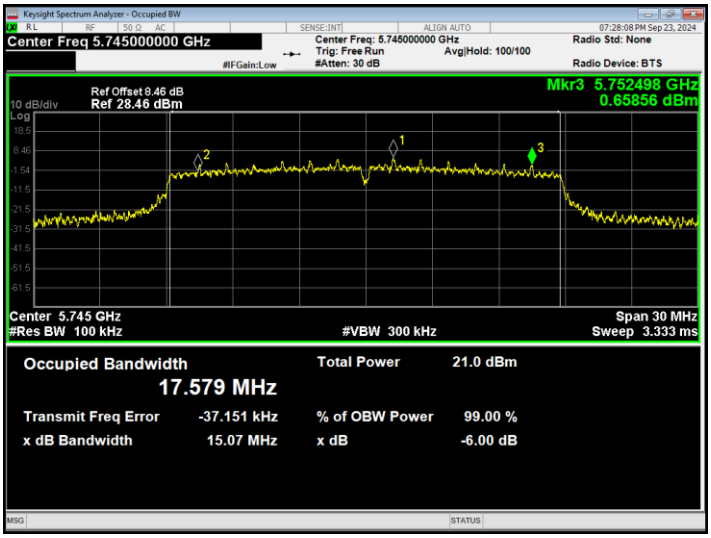
-6dB Bandwidth NVNT ac40 5795MHz Ant2



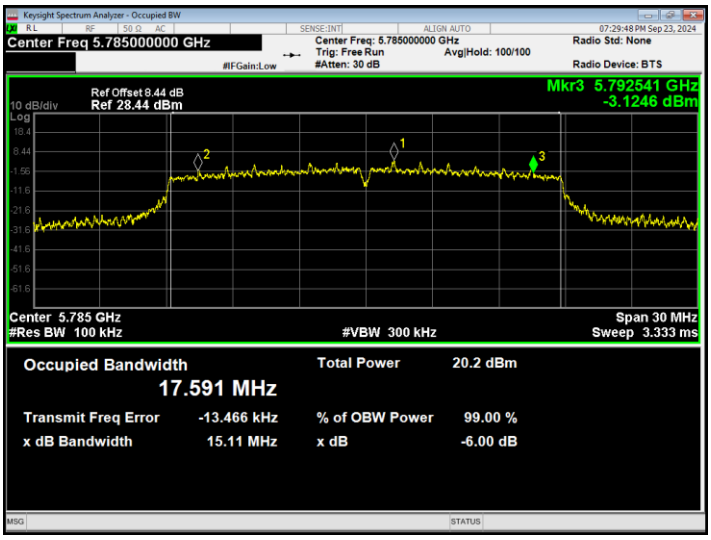
-6dB Bandwidth NVNT ac80 5775MHz Ant2



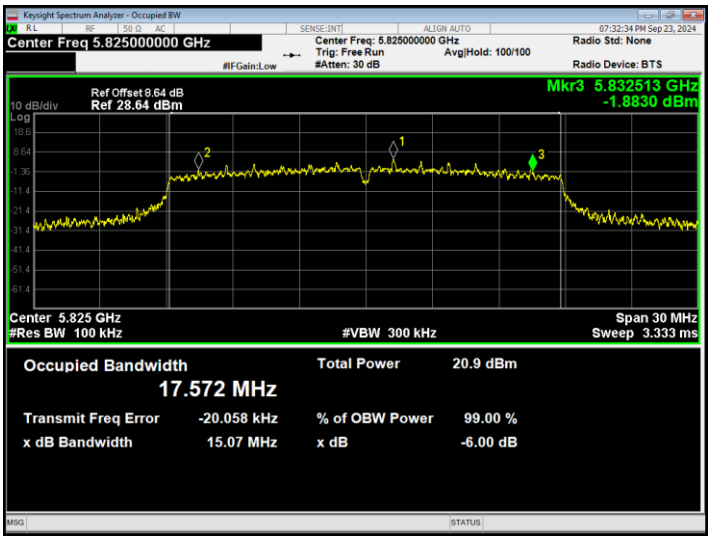
-6dB Bandwidth NVNT ax20 5745MHz Ant2



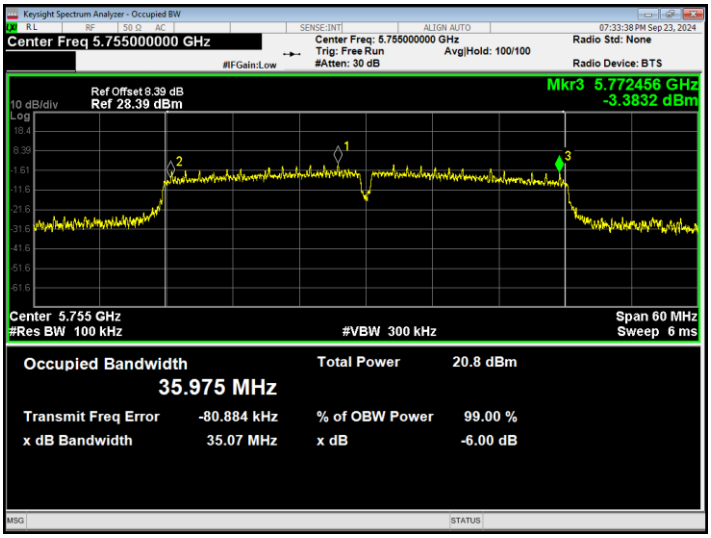
-6dB Bandwidth NVNT ax20 5785MHz Ant2



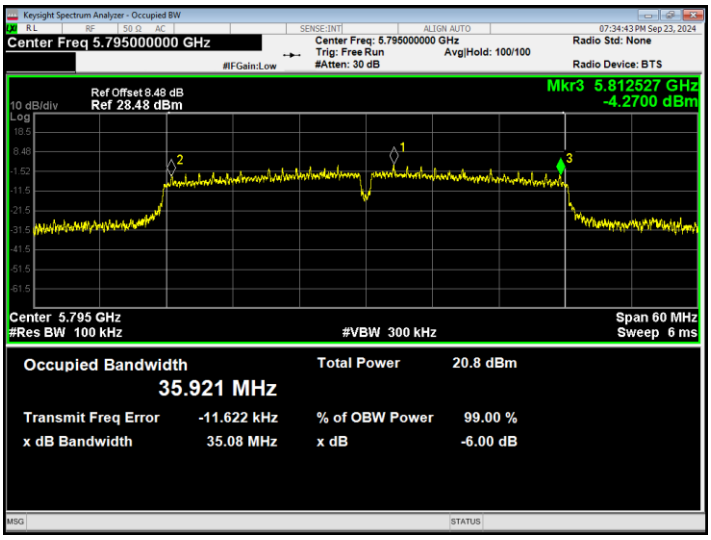
-6dB Bandwidth NVNT ax20 5825MHz Ant2



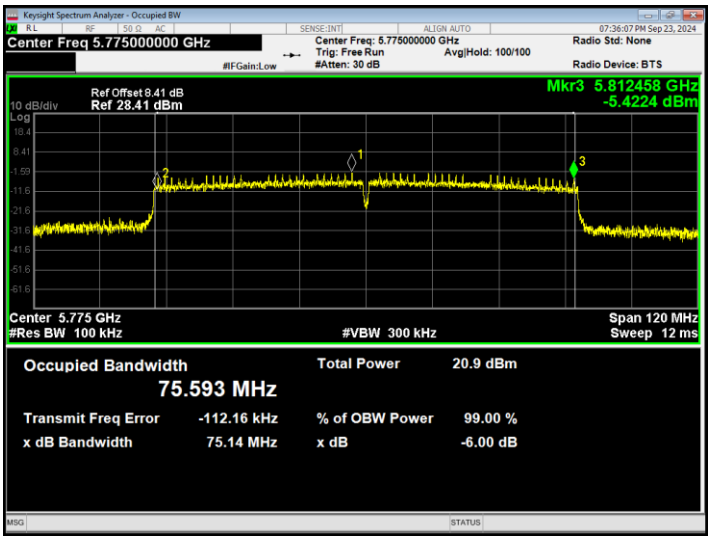
-6dB Bandwidth NVNT ax40 5755MHz Ant2



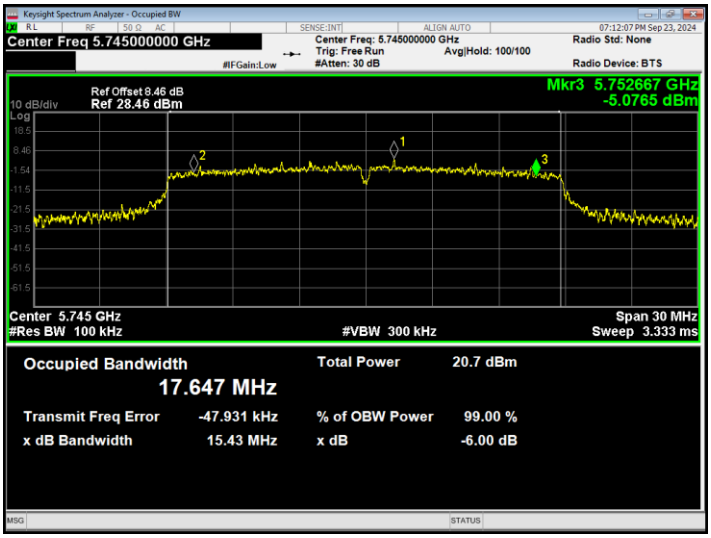
-6dB Bandwidth NVNT ax40 5795MHz Ant2



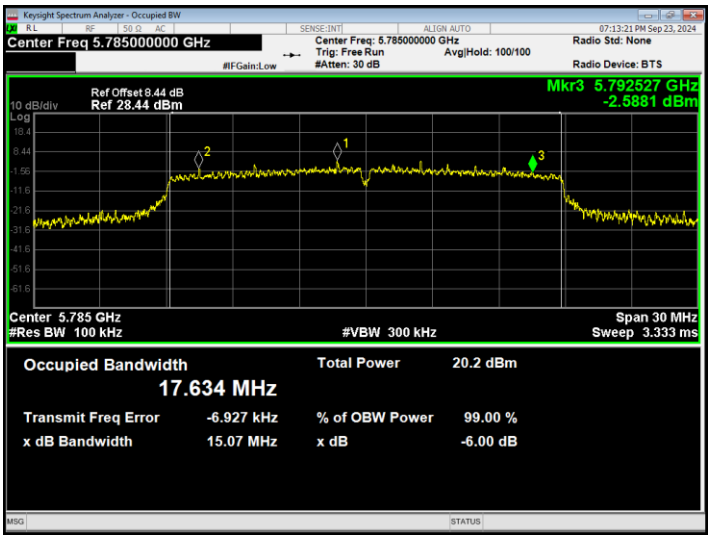
-6dB Bandwidth NVNT ax80 5775MHz Ant2



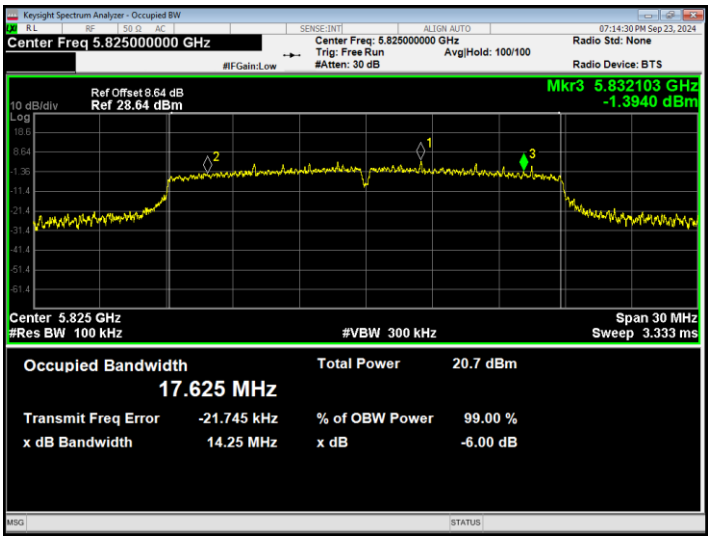
-6dB Bandwidth NVNT n20 5745MHz Ant2



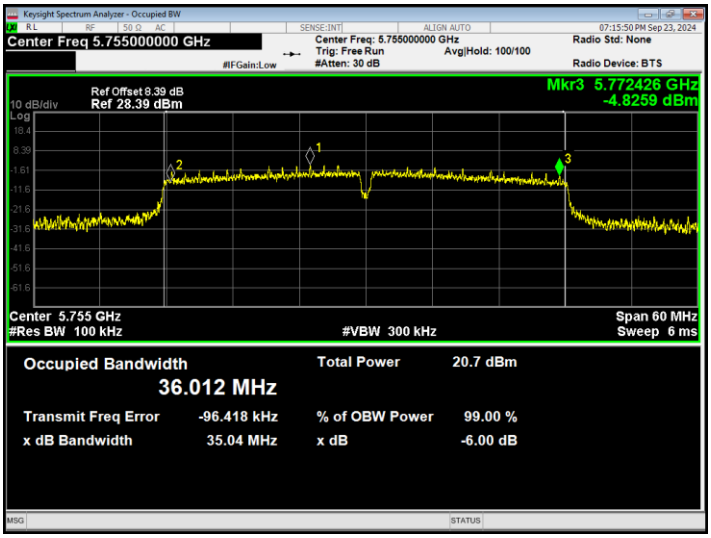
-6dB Bandwidth NVNT n20 5785MHz Ant2



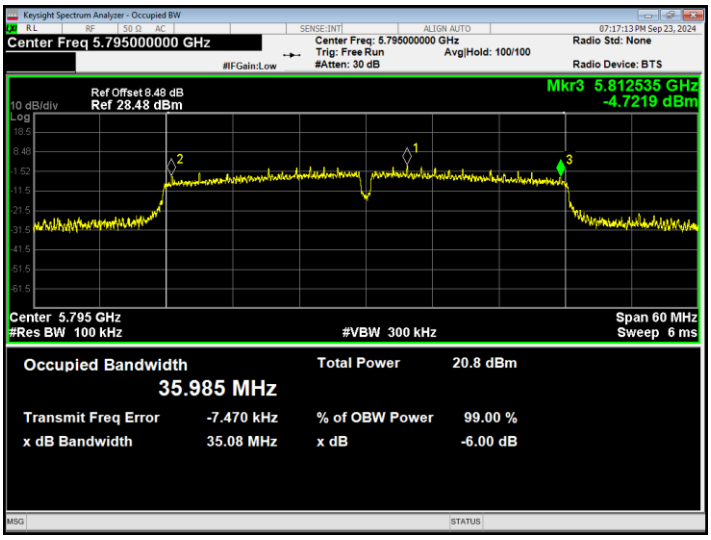
-6dB Bandwidth NVNT n20 5825MHz Ant2



-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2

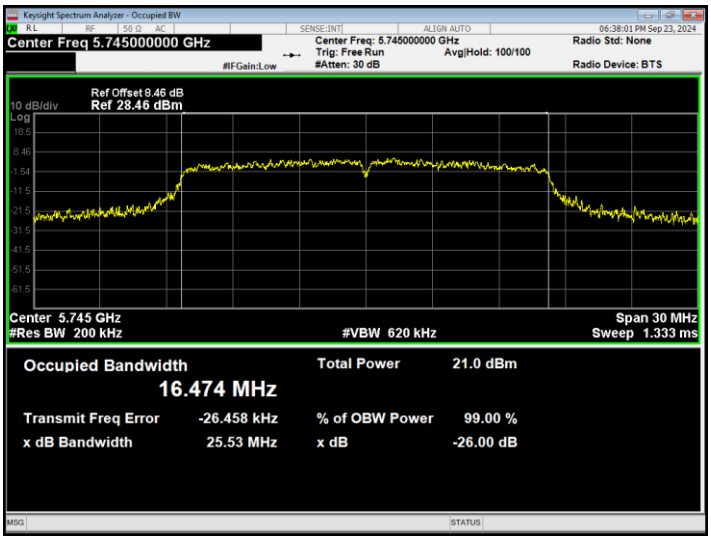

Keysight Spectrum Analyzer - Occupied BW
RL
RF
50 Ω
AC
SENSE:INT
ALIGN AUTO
07:17:13 PM Sep 23, 2024
Center Freq 5.795000000 GHz
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold: 100/100
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Ref Offset 8.48 dB
10 dB/div
Ref 28.48 dBm
Log
Mkr3 5.812535 GHz
-4.7219 dBm
Center 5.795 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 60 MHz
Sweep 6 ms
Occupied Bandwidth
35.985 MHz
Total Power 20.8 dBm
Transmit Freq Error -7.470 kHz
% of OBW Power 99.00 %
x dB Bandwidth 35.08 MHz
x dB -6.00 dB
MSG
STATUS

Occupied Channel Bandwidth

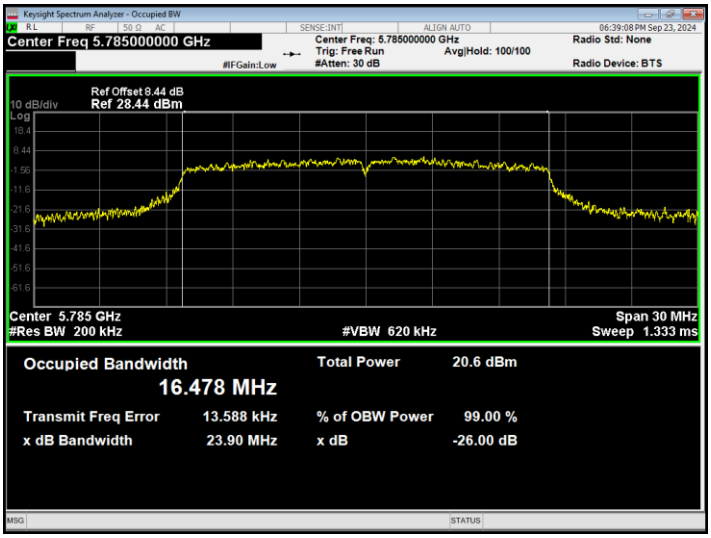
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.47419735
NVNT	a	5785	Ant1	16.47751629
NVNT	a	5825	Ant1	16.45571143
NVNT	ac20	5745	Ant1	17.62269222
NVNT	ac20	5785	Ant1	17.64244696
NVNT	ac20	5825	Ant1	17.64548034
NVNT	ac40	5755	Ant1	36.28393056
NVNT	ac40	5795	Ant1	36.16088124
NVNT	ac80	5775	Ant1	75.81239078
NVNT	ax20	5745	Ant1	17.64307434
NVNT	ax20	5785	Ant1	17.6332728
NVNT	ax20	5825	Ant1	17.59530702
NVNT	ax40	5755	Ant1	36.19524207
NVNT	ax40	5795	Ant1	36.189222
NVNT	ax80	5775	Ant1	75.76846411
NVNT	n20	5745	Ant1	17.69070733
NVNT	n20	5785	Ant1	17.69923385
NVNT	n20	5825	Ant1	17.68884781
NVNT	n40	5755	Ant1	36.20770867
NVNT	n40	5795	Ant1	36.14606013

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant2	16.47840165
NVNT	a	5785	Ant2	16.47771599
NVNT	a	5825	Ant2	16.43999217
NVNT	ac20	5745	Ant2	17.66143072
NVNT	ac20	5785	Ant2	17.65170415
NVNT	ac20	5825	Ant2	17.64020028
NVNT	ac40	5755	Ant2	36.19212461
NVNT	ac40	5795	Ant2	36.18675649
NVNT	ac80	5775	Ant2	75.76983424
NVNT	ax20	5745	Ant2	17.63310471
NVNT	ax20	5785	Ant2	17.63876659
NVNT	ax20	5825	Ant2	17.63916831
NVNT	ax40	5755	Ant2	36.20001393
NVNT	ax40	5795	Ant2	36.18582833
NVNT	ax80	5775	Ant2	75.79692451
NVNT	n20	5745	Ant2	17.72596838
NVNT	n20	5785	Ant2	17.72760141
NVNT	n20	5825	Ant2	17.66953162
NVNT	n40	5755	Ant2	36.18326127
NVNT	n40	5795	Ant2	36.22510359

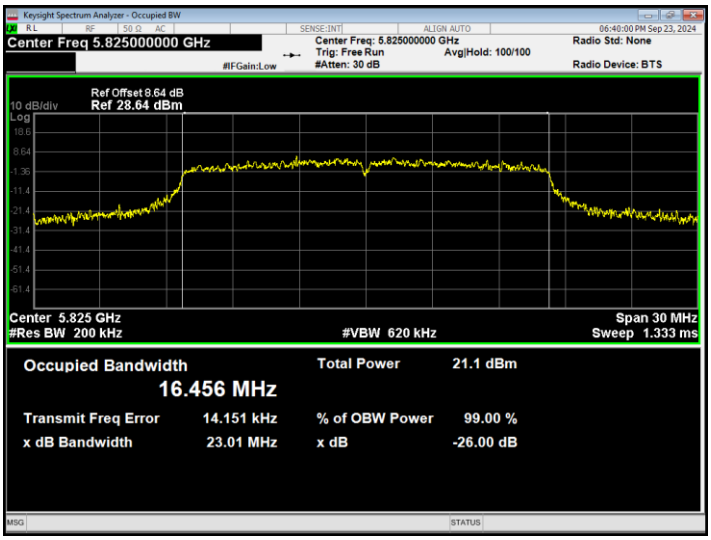
OBW NVNT a 5745MHz Ant1



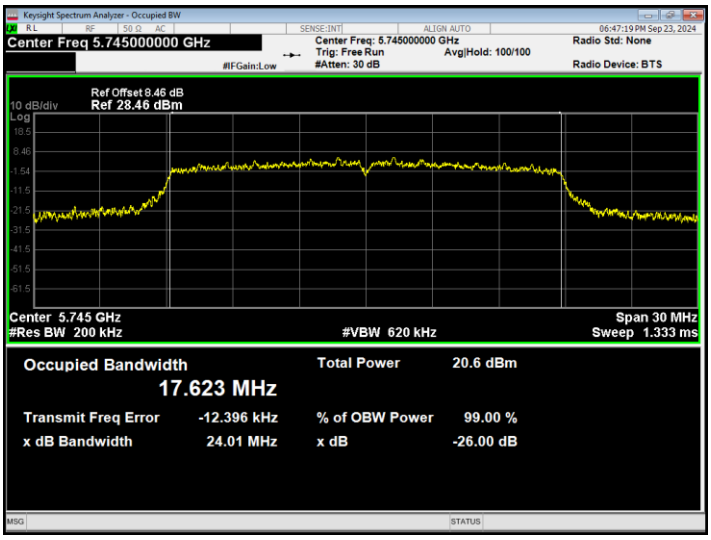
OBW NVNT a 5785MHz Ant1



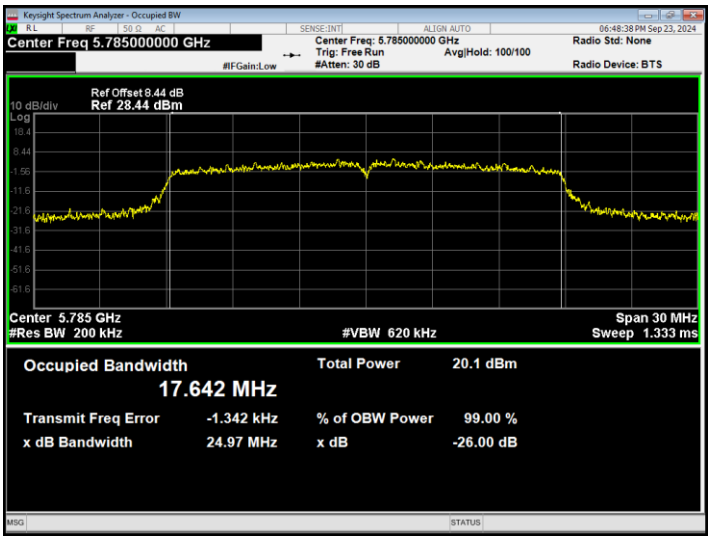
OBW NVNT a 5825MHz Ant1



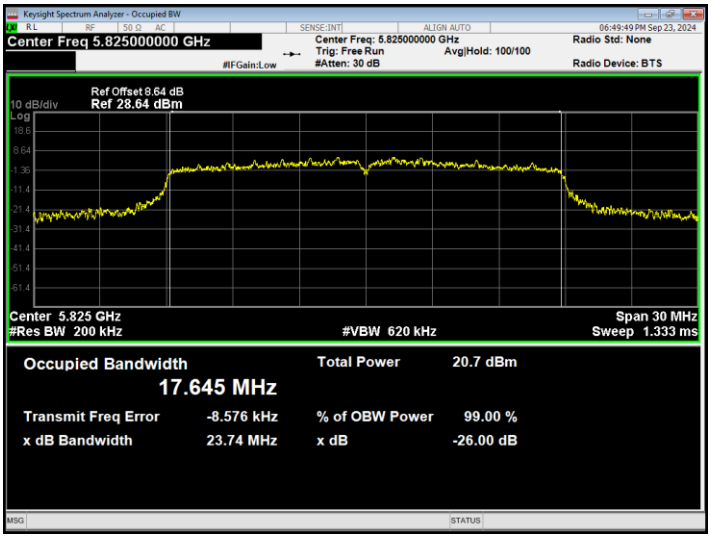
OBW NVNT ac20 5745MHz Ant1



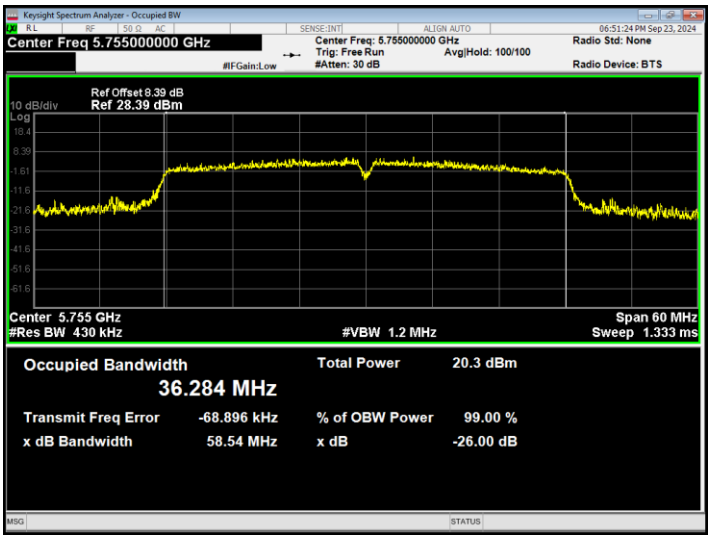
OBW NVNT ac20 5785MHz Ant1



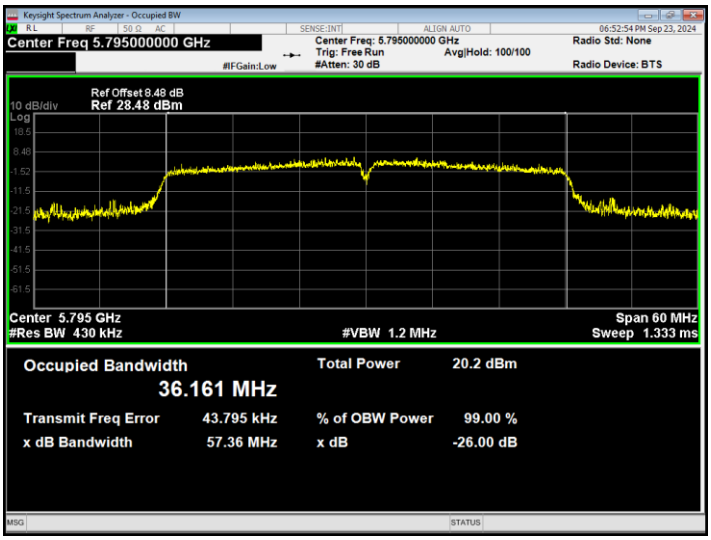
OBW NVNT ac20 5825MHz Ant1



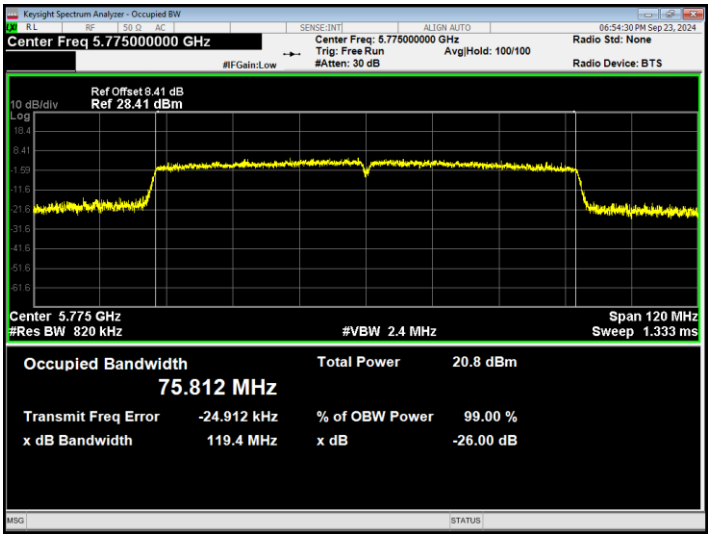
OBW NVNT ac40 5755MHz Ant1



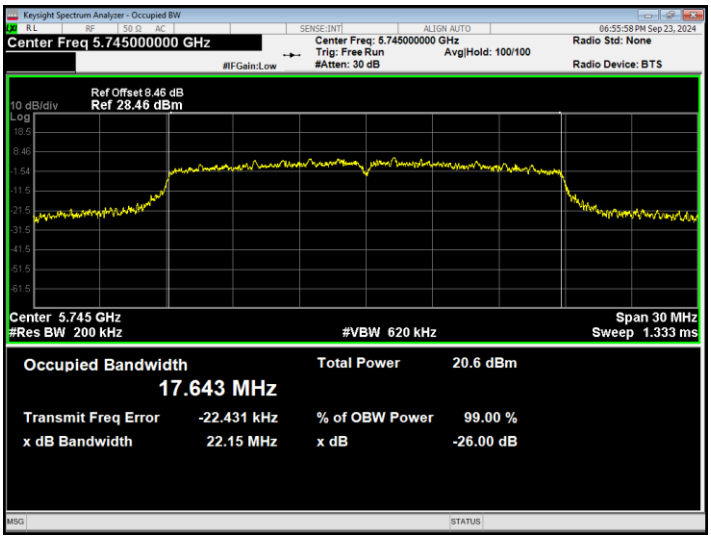
OBW NVNT ac40 5795MHz Ant1



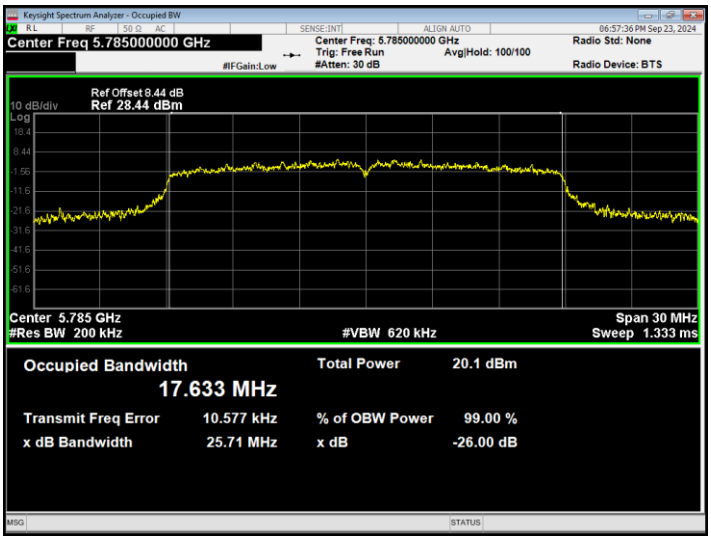
OBW NVNT ac80 5775MHz Ant1



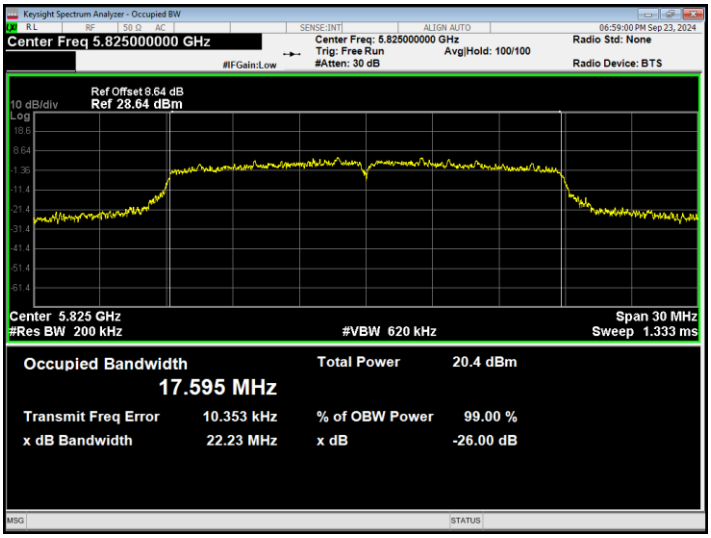
OBW NVNT ax20 5745MHz Ant1



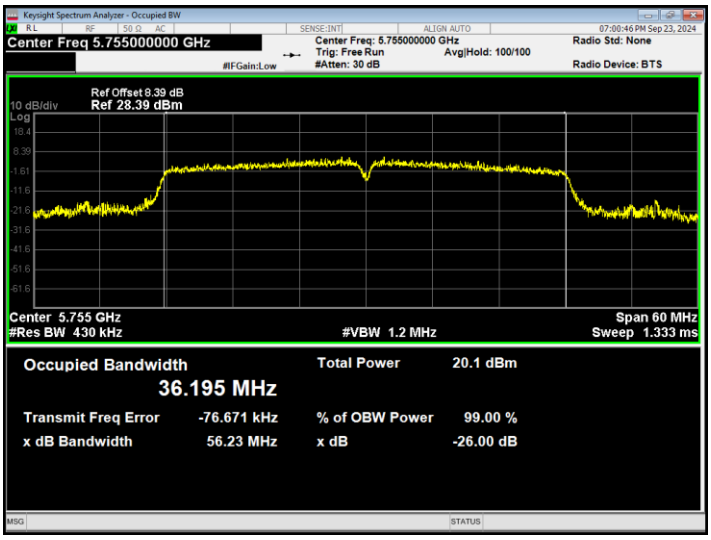
OBW NVNT ax20 5785MHz Ant1



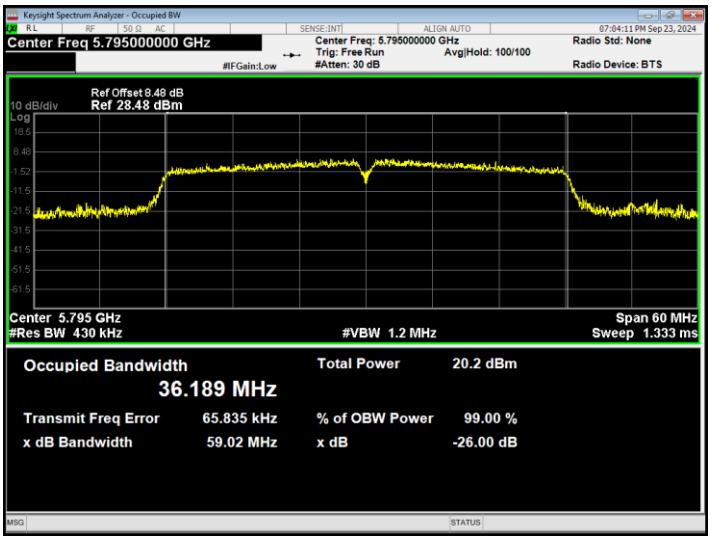
OBW NVNT ax20 5825MHz Ant1



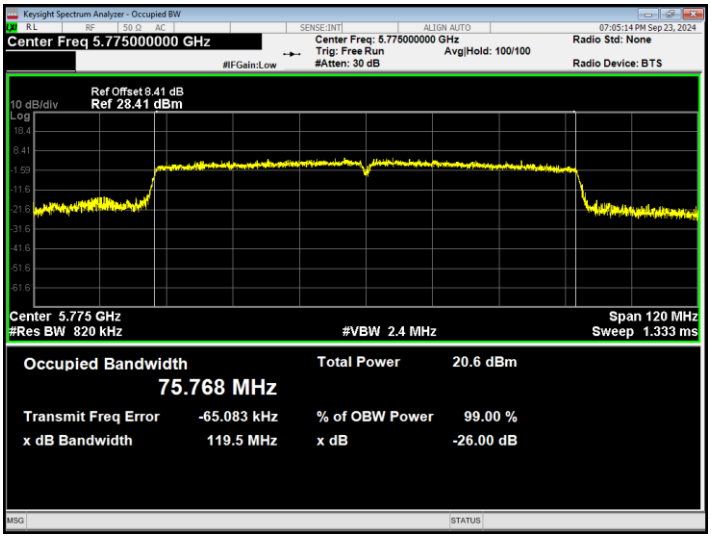
OBW NVNT ax40 5755MHz Ant1



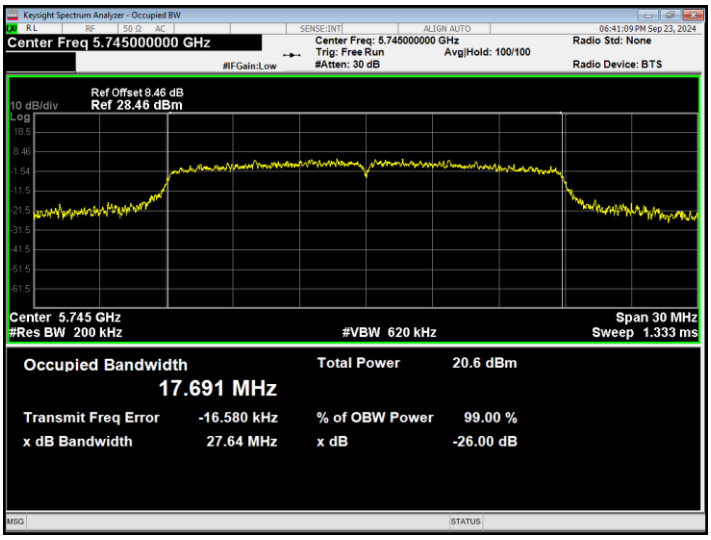
OBW NVNT ax40 5795MHz Ant1



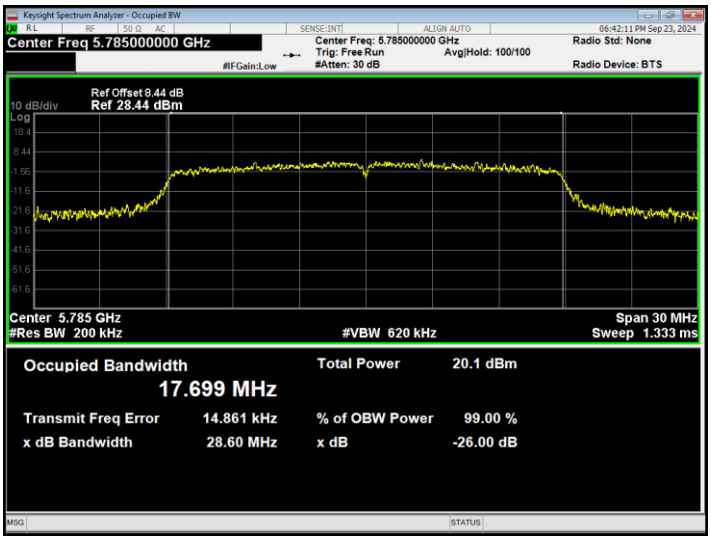
OBW NVNT ax80 5775MHz Ant1



OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



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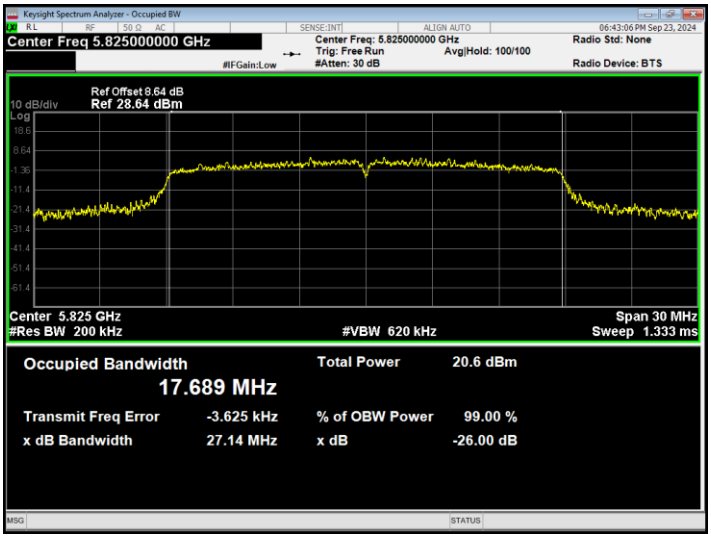

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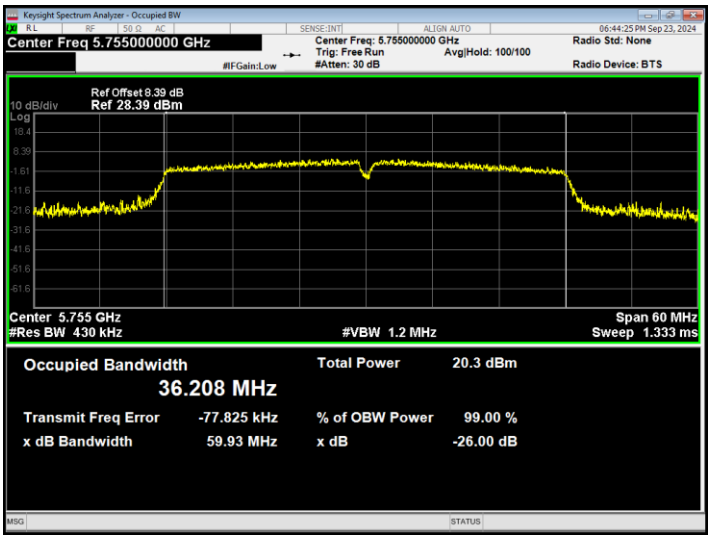
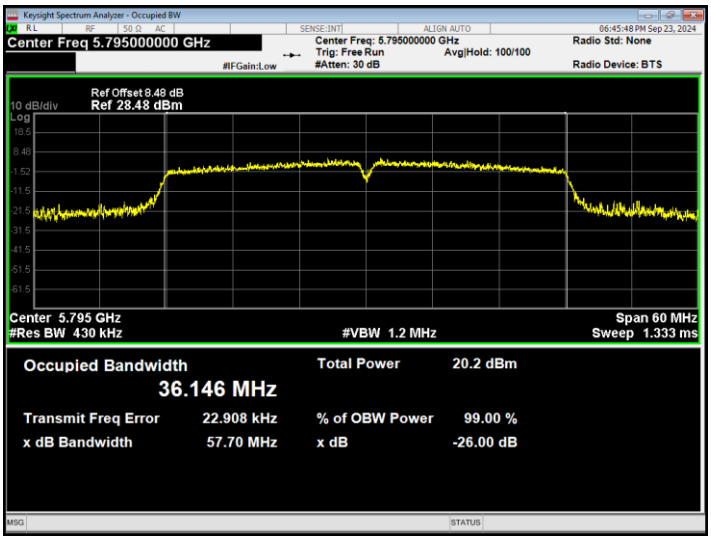
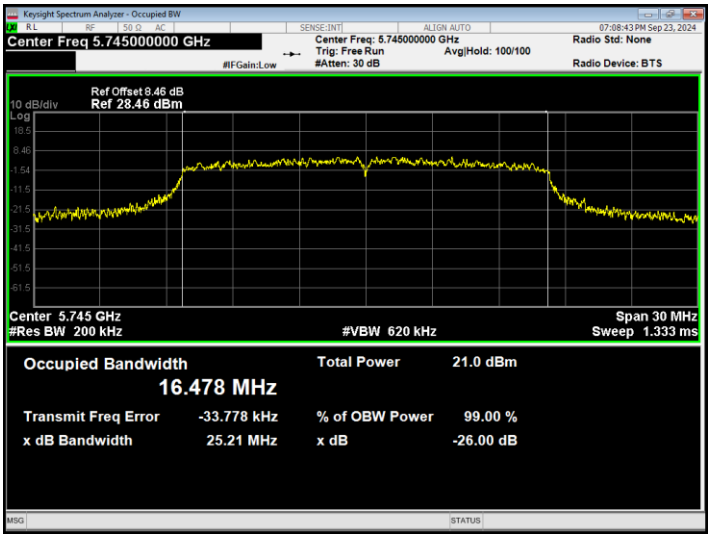


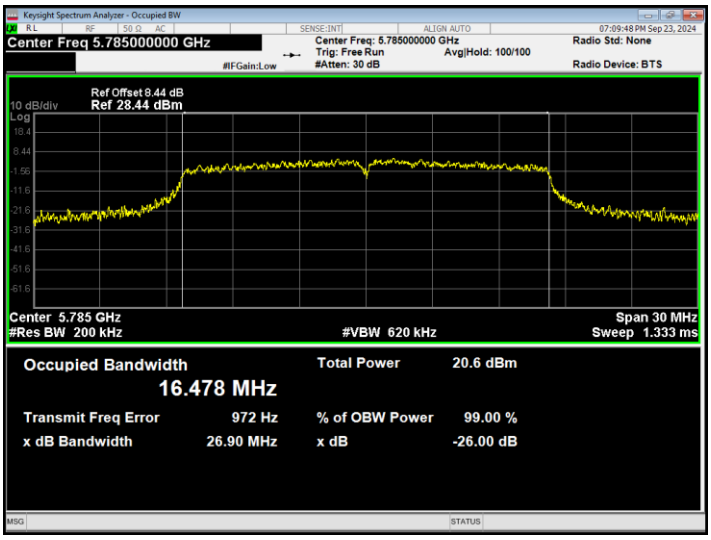
OBW NVNT n40 5795MHz Ant1



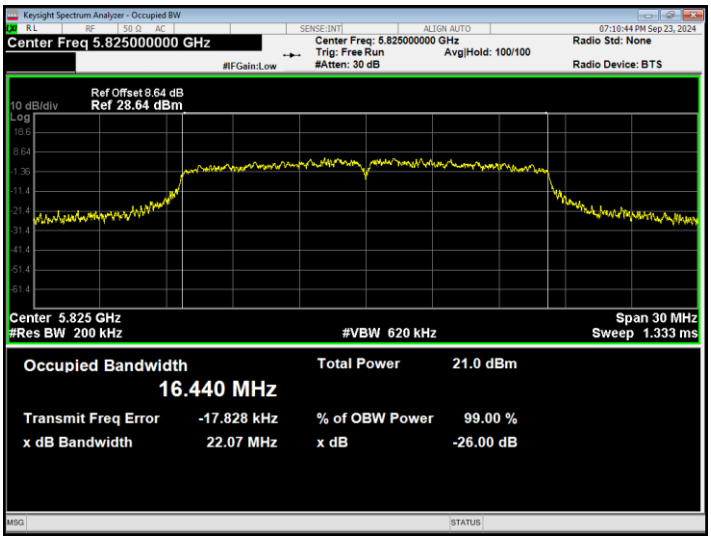
OBW NVNT a 5745MHz Ant2



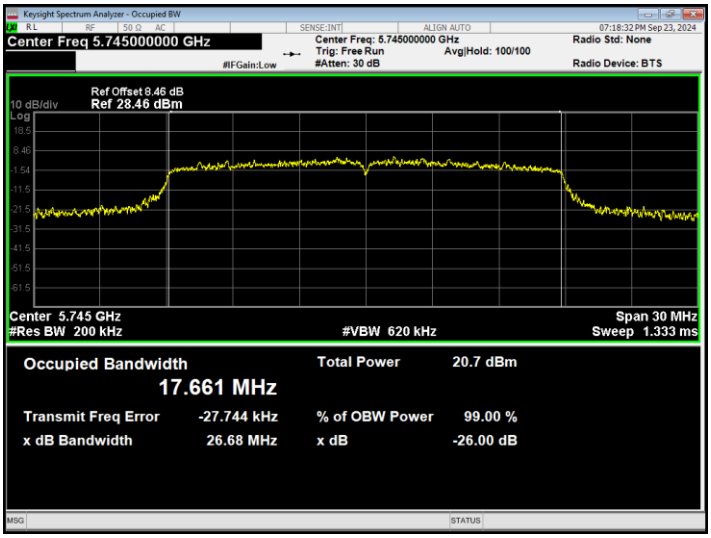
OBW NVNT a 5785MHz Ant2



OBW NVNT a 5825MHz Ant2



OBW NVNT ac20 5745MHz Ant2



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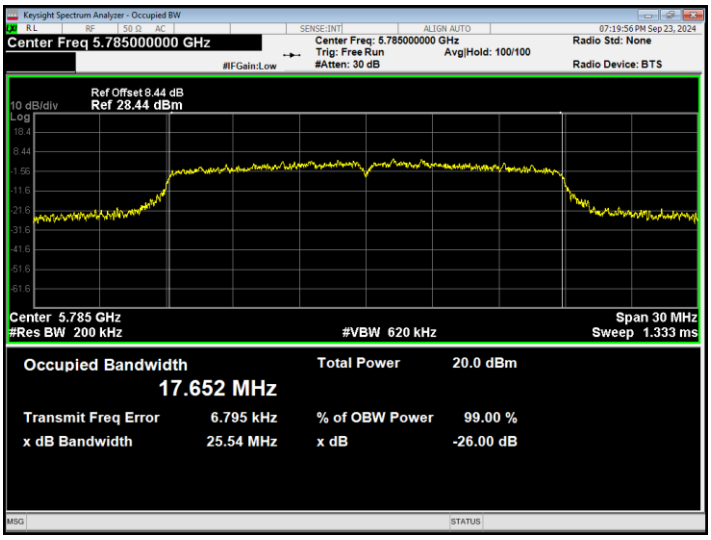
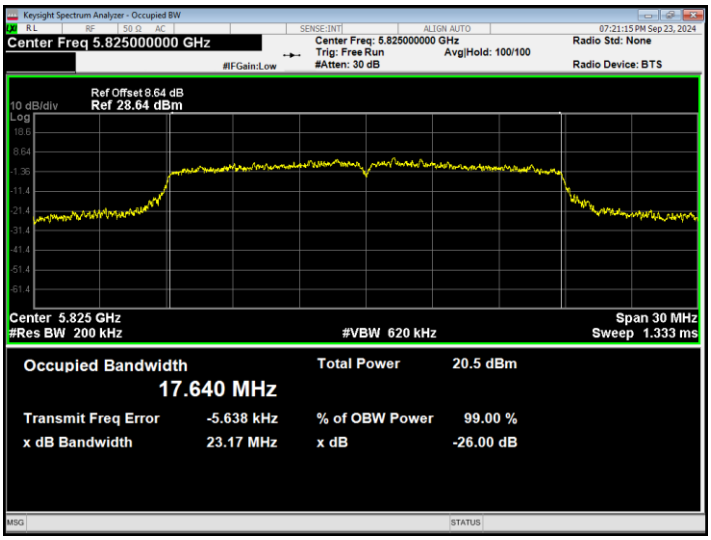
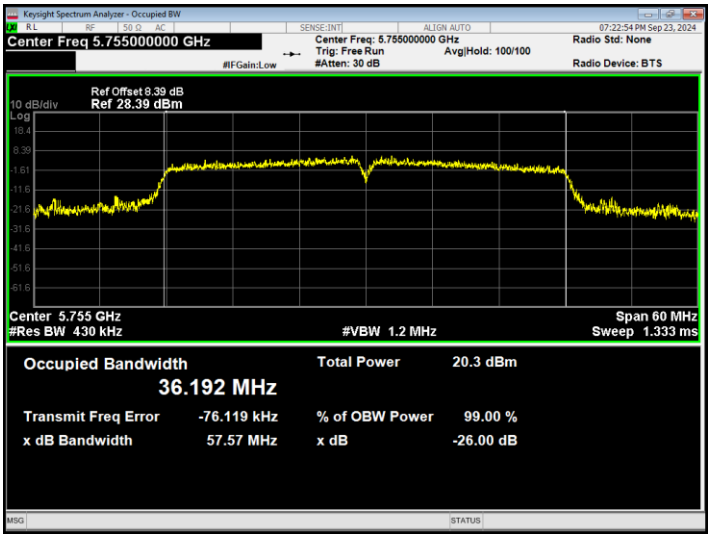


OBW NVNT ac20 5825MHz Ant2



OBW NVNT ac40 5755MHz Ant2



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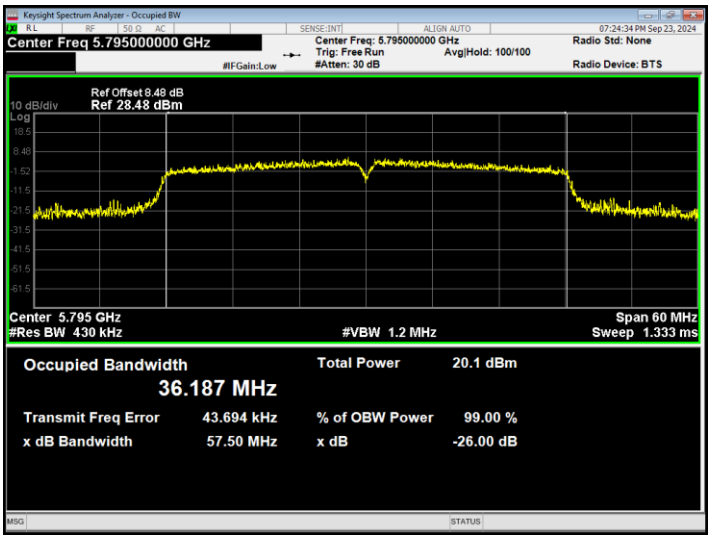

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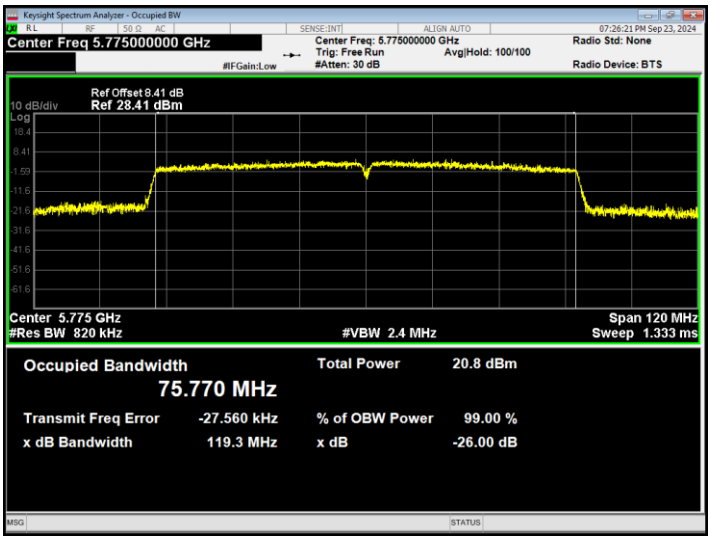
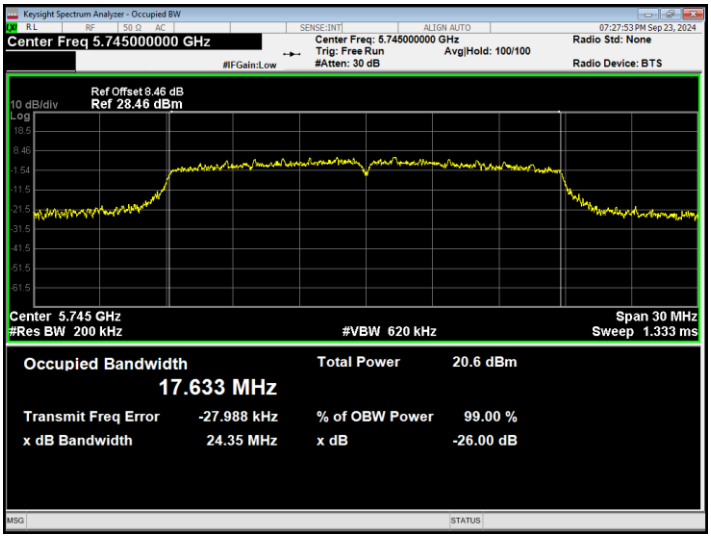


OBW NVNT ax20 5745MHz Ant2



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