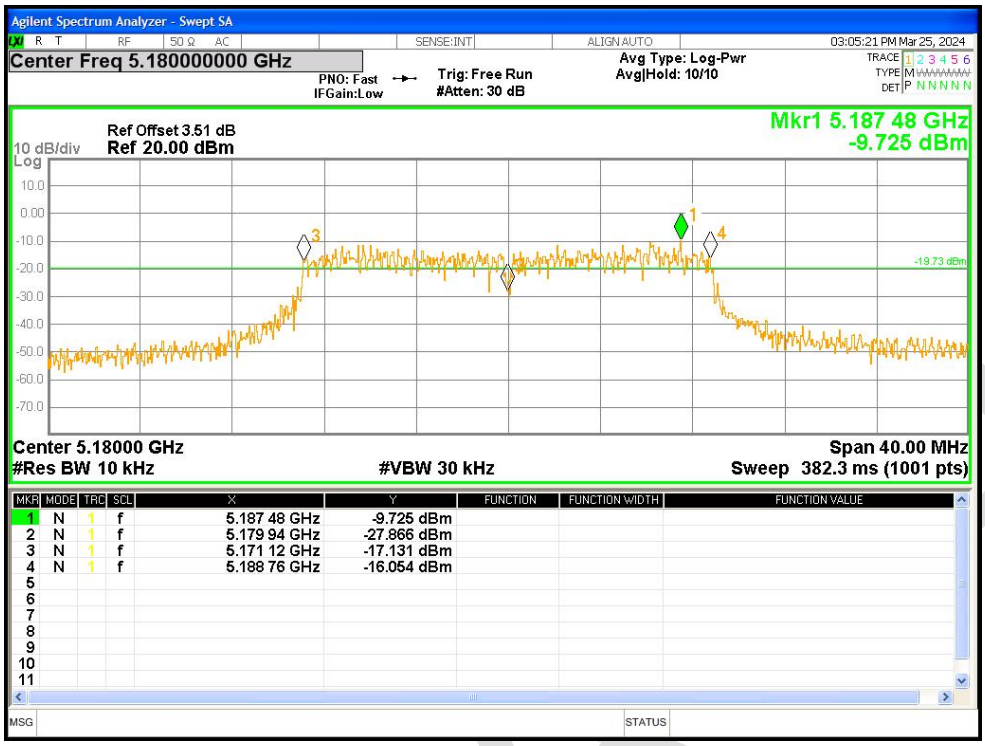
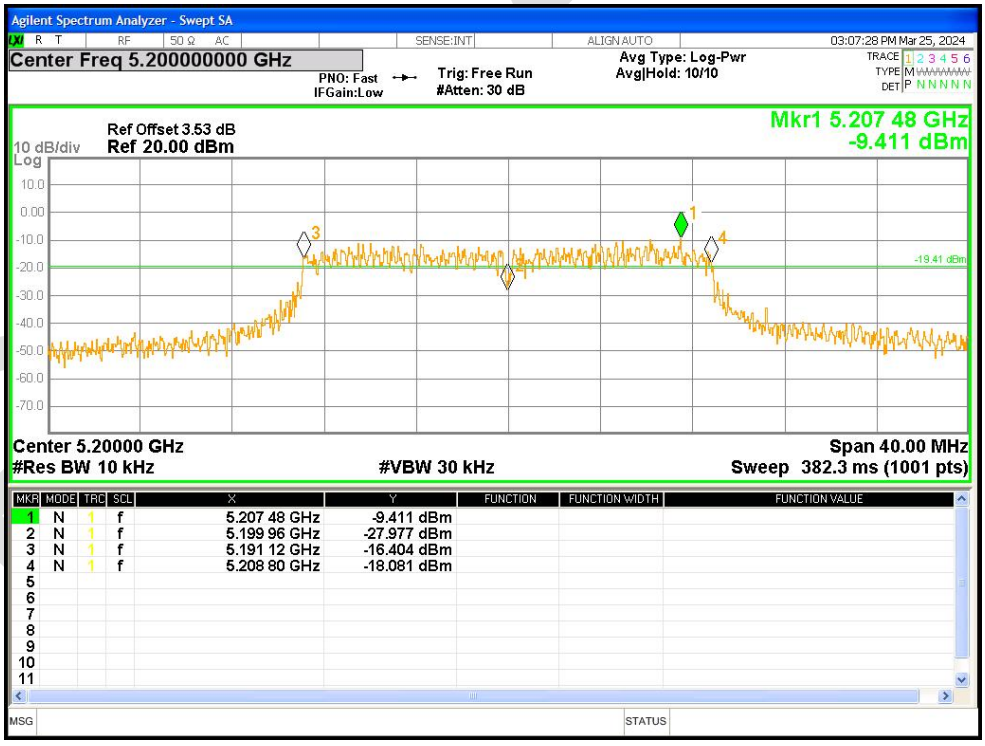
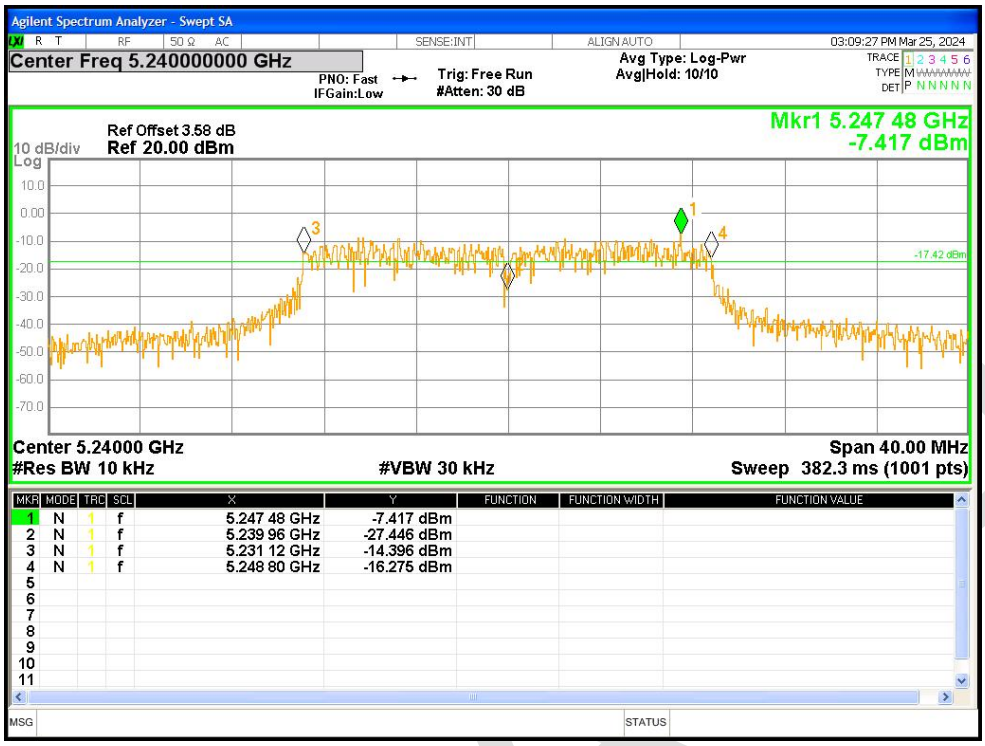


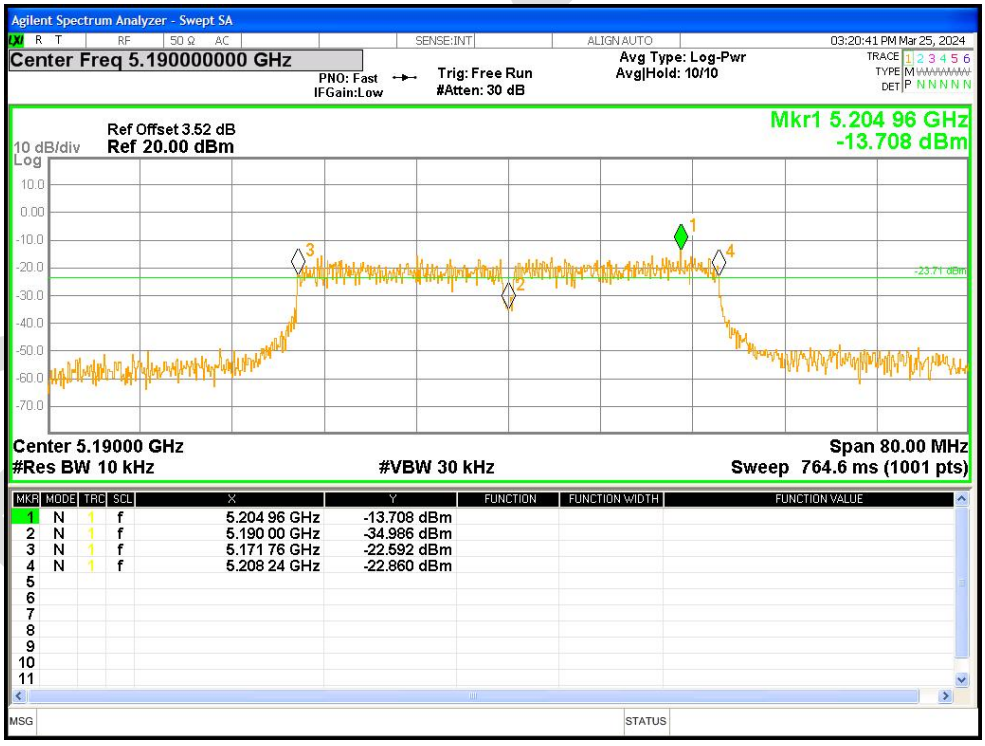
Freq. Stability NVNT n20 5200MHz Ant1



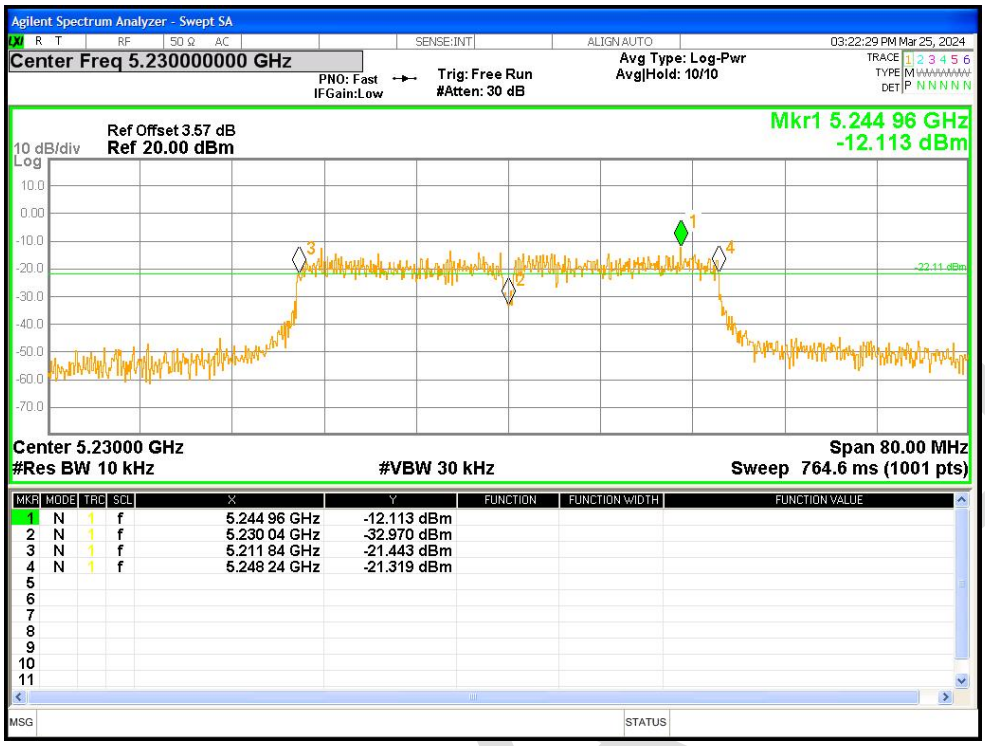
Freq. Stability NVNT n20 5240MHz Ant1



Freq. Stability NVNT n40 5190MHz Ant1



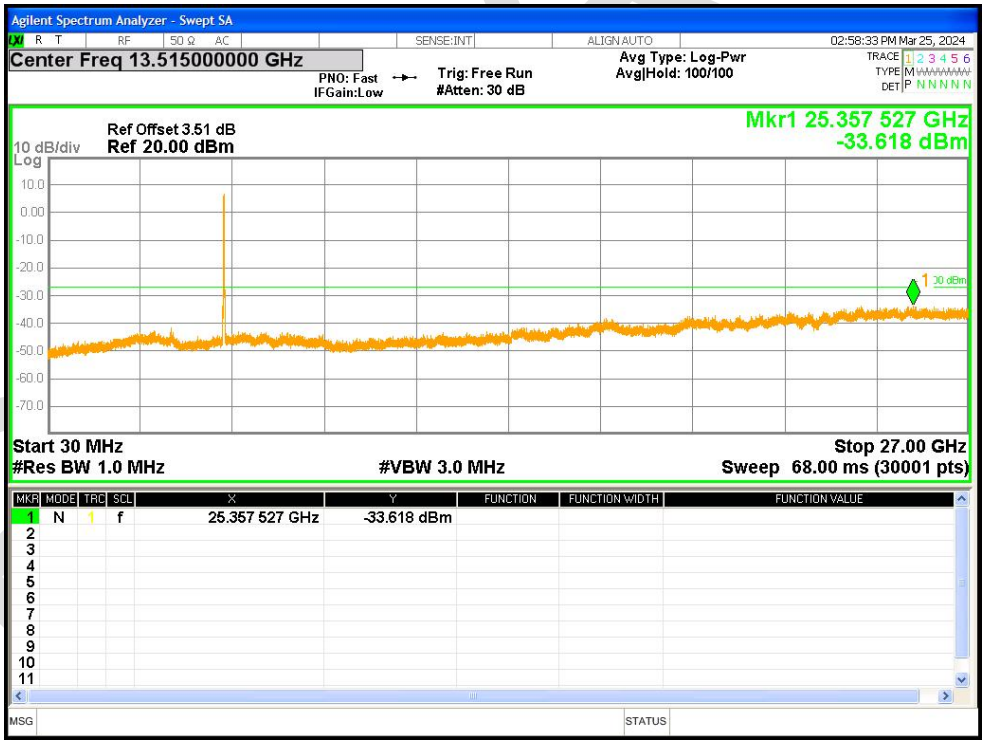
Freq. Stability NVNT n40 5230MHz Ant1


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.230000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 10/10
03:22:29 PM Mar 25, 2024
Ref Offset 3.57 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 5.244 96 GHz
-12.113 dBm
Center 5.23000 GHz
#Res BW 10 kHz
#VBW 30 kHz
Span 80.00 MHz
Sweep 764.6 ms (1001 pts)
1 N 1 f 5.244 96 GHz -12.113 dBm
2 N 1 f 5.230 04 GHz -32.970 dBm
3 N 1 f 5.211 84 GHz -21.443 dBm
4 N 1 f 5.248 24 GHz -21.319 dBm

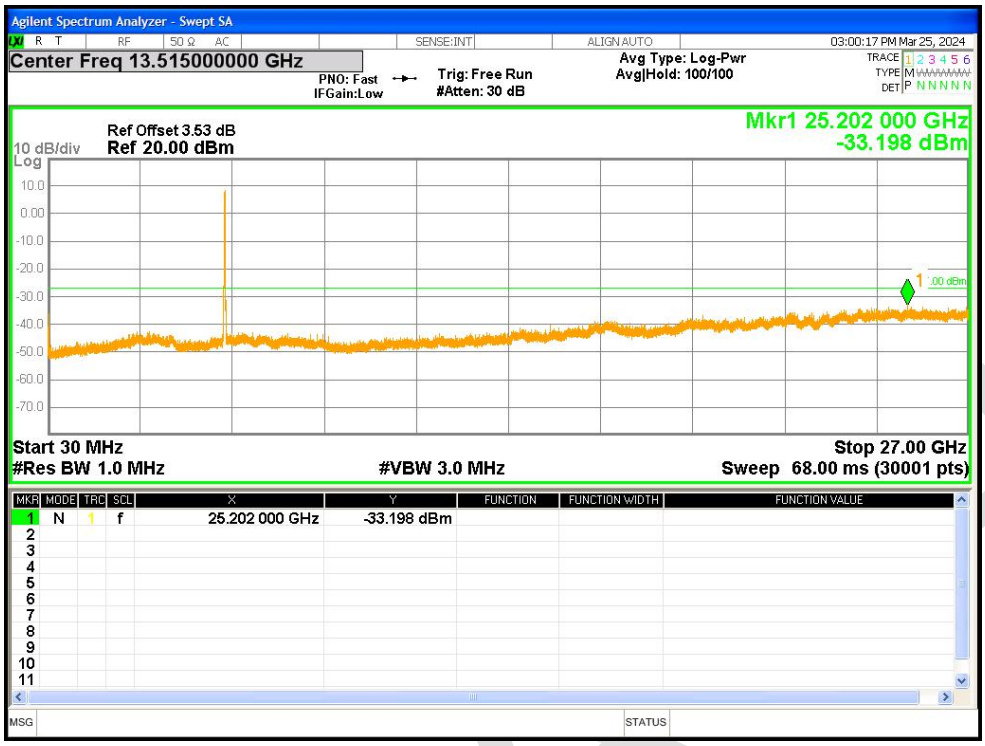
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-33.61	-27	Pass
NVNT	a	5200	Ant1	-33.19	-27	Pass
NVNT	a	5240	Ant1	-33.39	-27	Pass
NVNT	ac20	5180	Ant1	-33.44	-27	Pass
NVNT	ac20	5200	Ant1	-33.48	-27	Pass
NVNT	ac20	5240	Ant1	-34.03	-27	Pass
NVNT	ac40	5190	Ant1	-32.16	-27	Pass
NVNT	ac40	5230	Ant1	-32.31	-27	Pass
NVNT	ac80	5210	Ant1	-31.94	-27	Pass
NVNT	n20	5180	Ant1	-33.82	-27	Pass
NVNT	n20	5200	Ant1	-32.9	-27	Pass
NVNT	n20	5240	Ant1	-31.25	-27	Pass
NVNT	n40	5190	Ant1	-32.48	-27	Pass
NVNT	n40	5230	Ant1	-31.39	-27	Pass

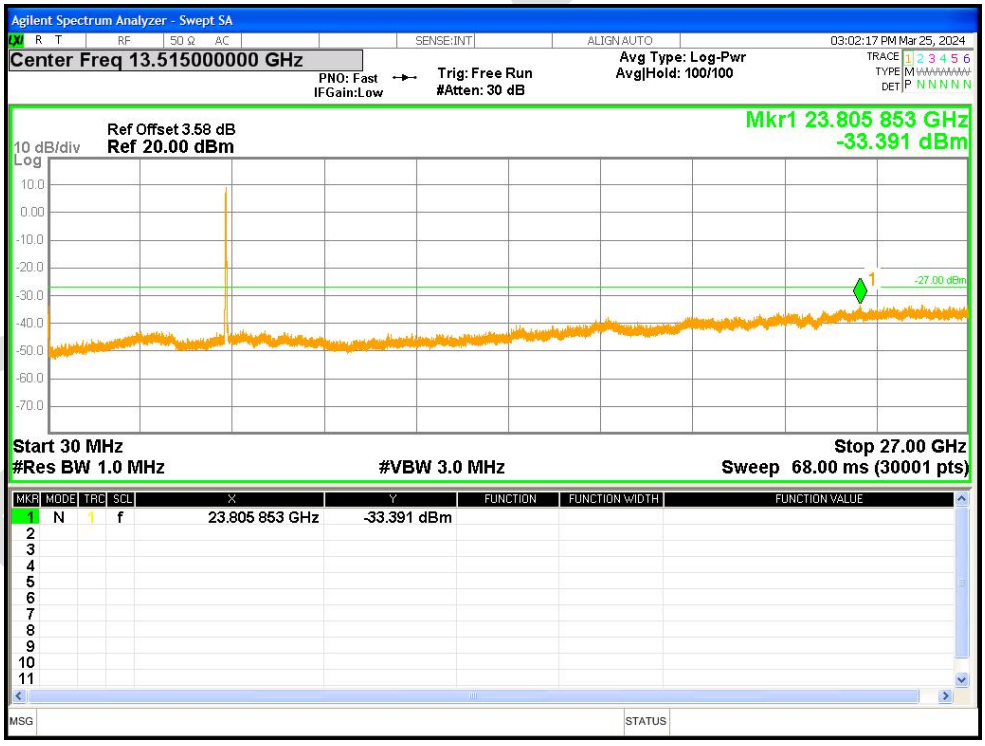
Tx. Spurious NVNT a 5180MHz Ant1 Emission



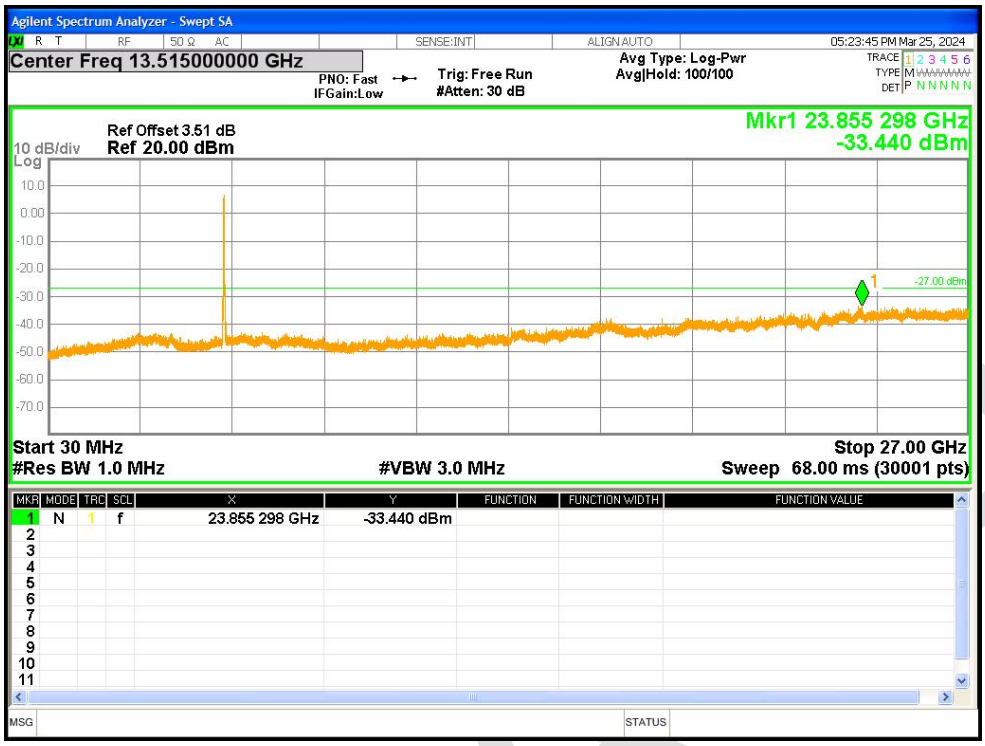
Tx. Spurious NVNT a 5200MHz Ant1 Emission



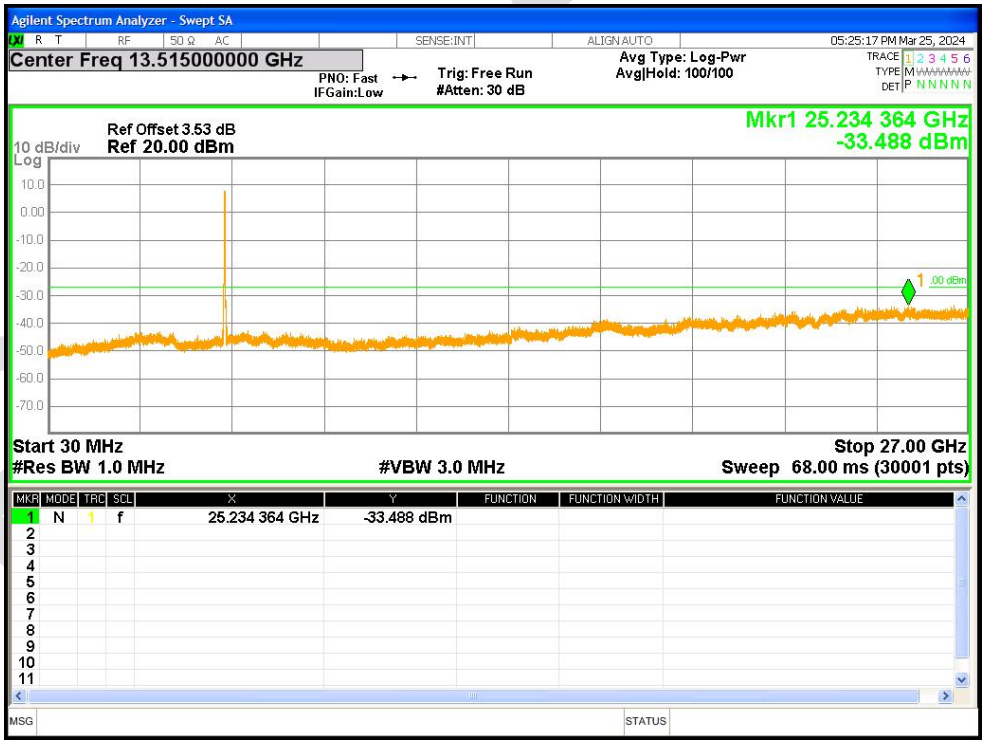
Tx. Spurious NVNT a 5240MHz Ant1 Emission



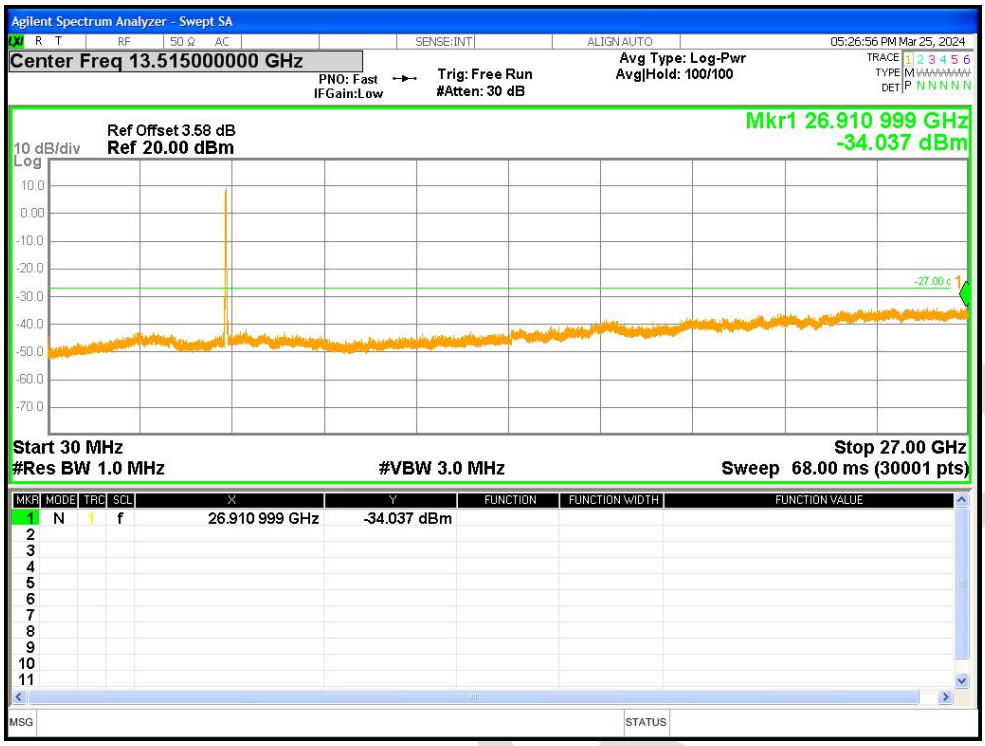
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



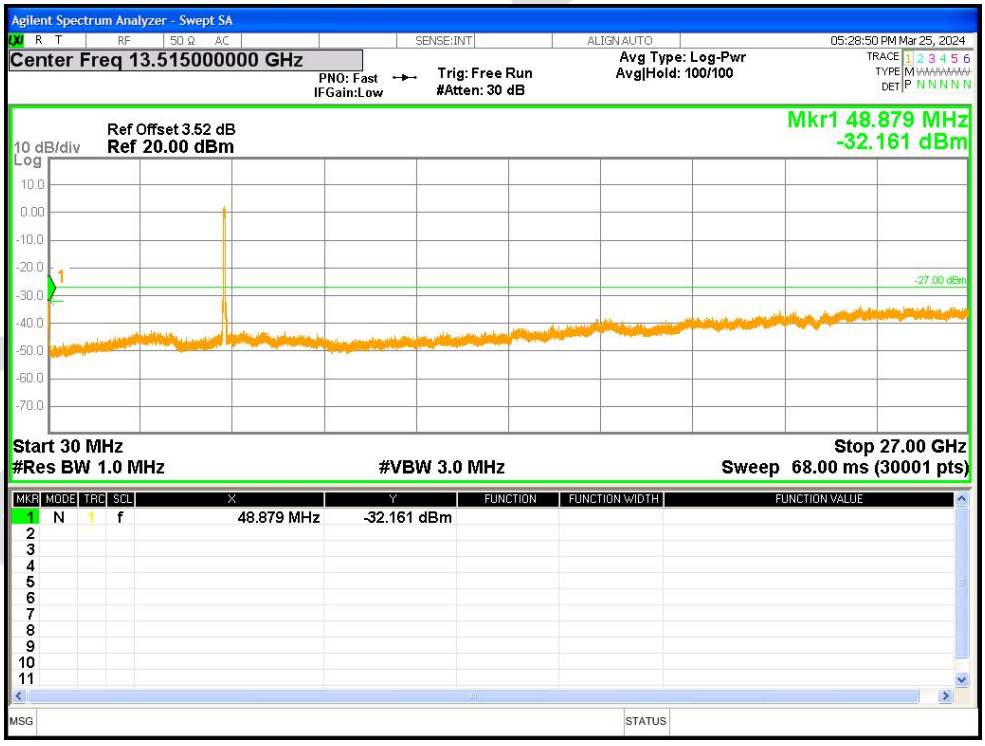
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



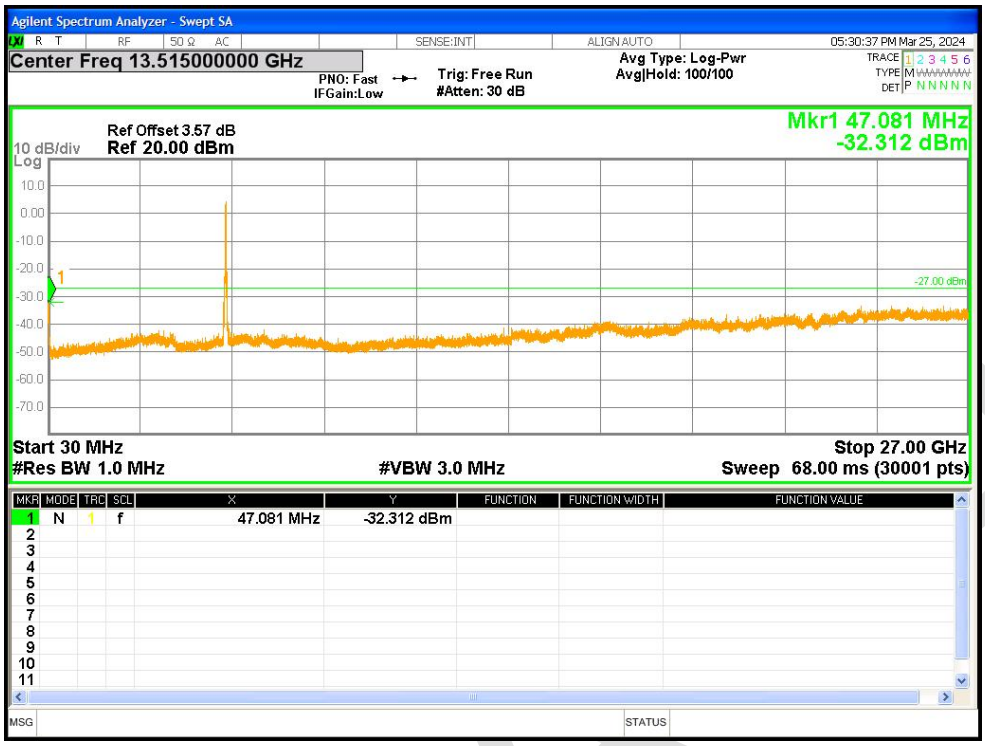
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



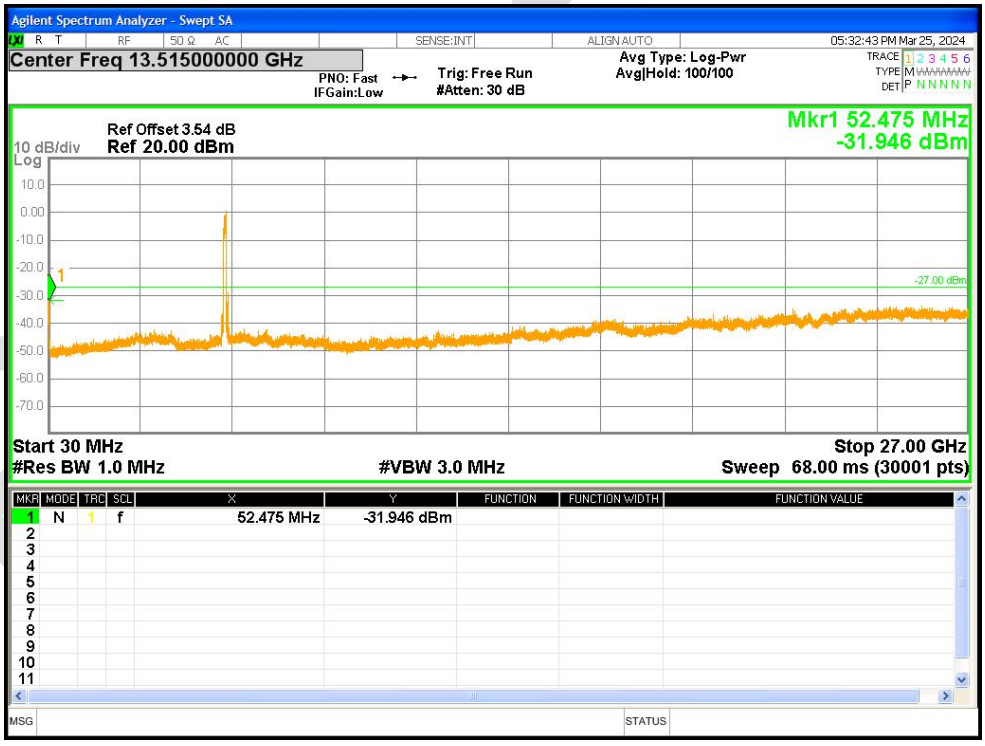
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



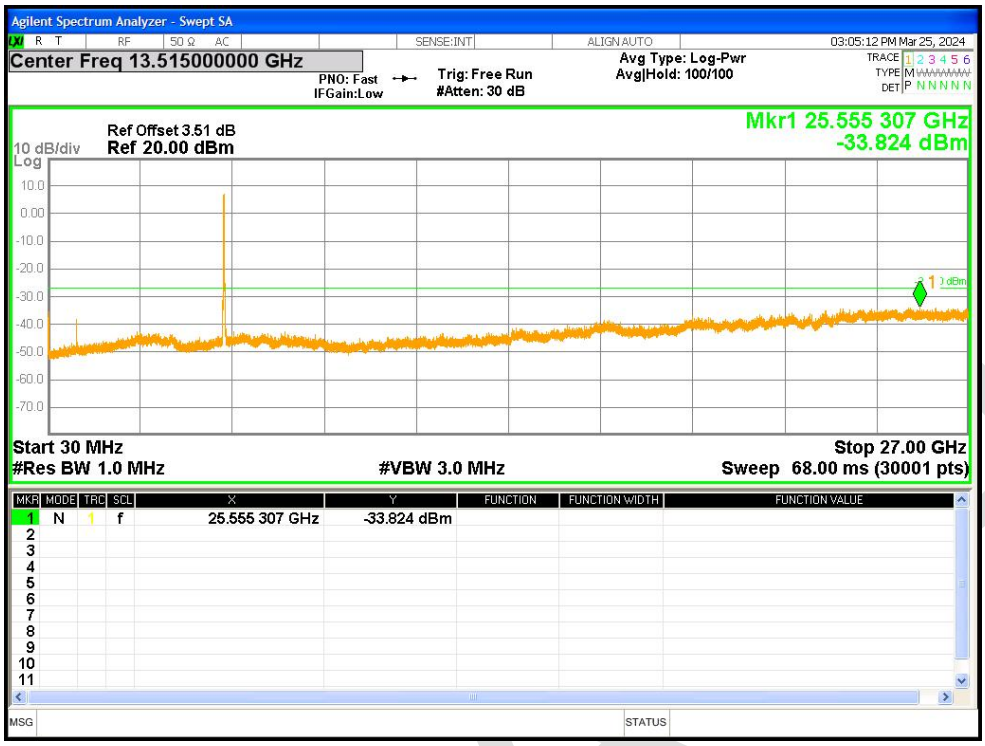
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



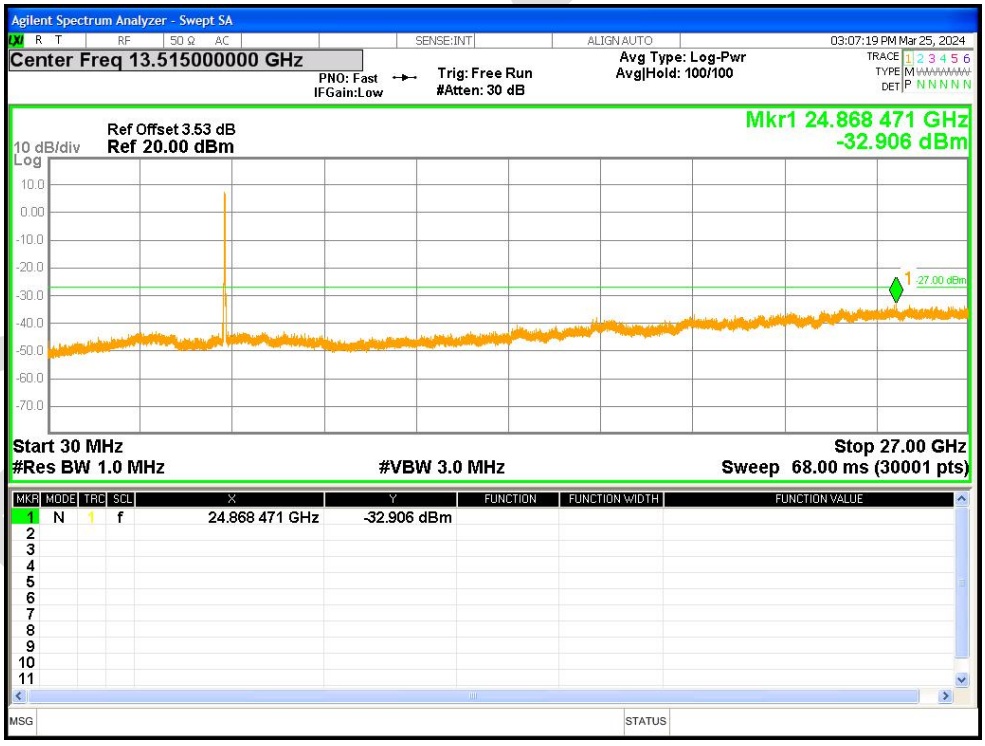
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



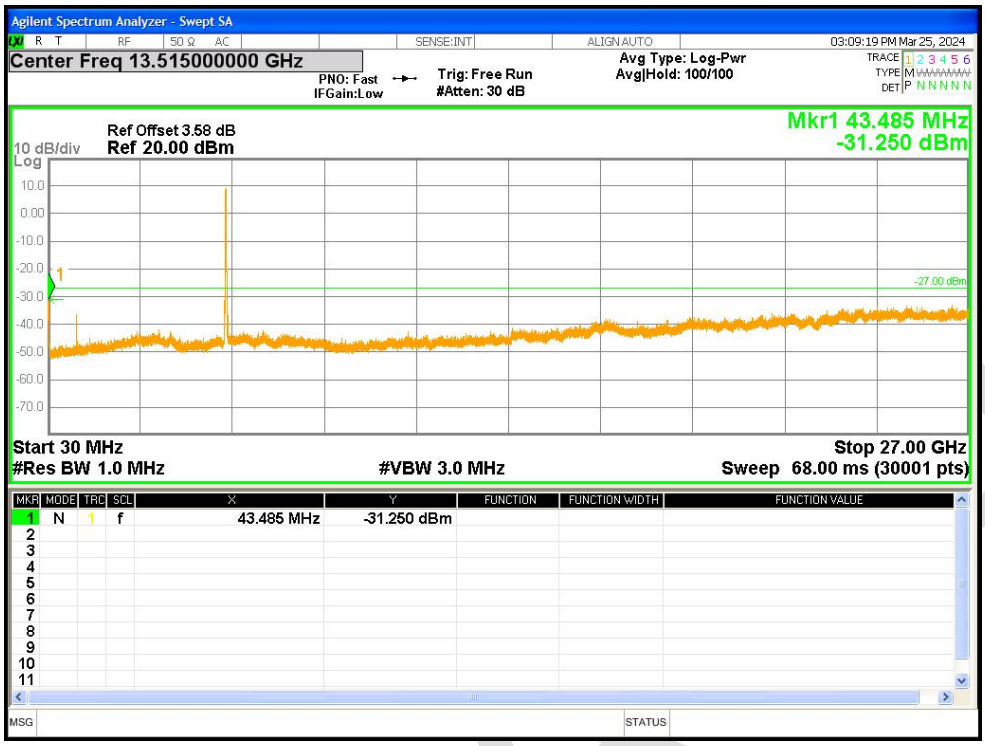
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



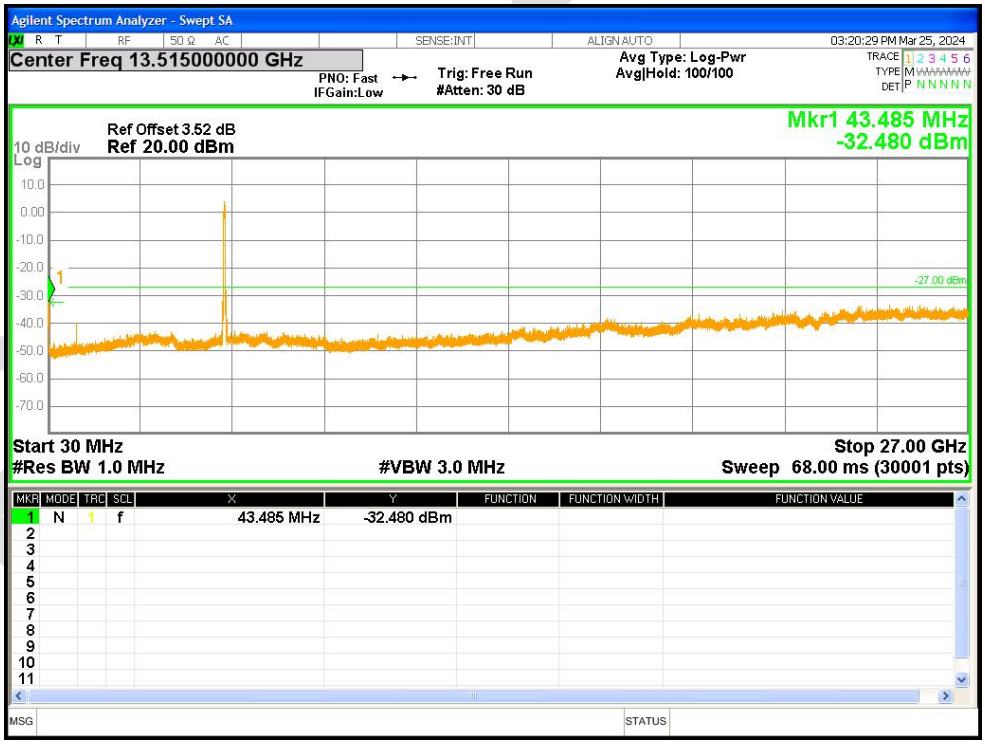
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



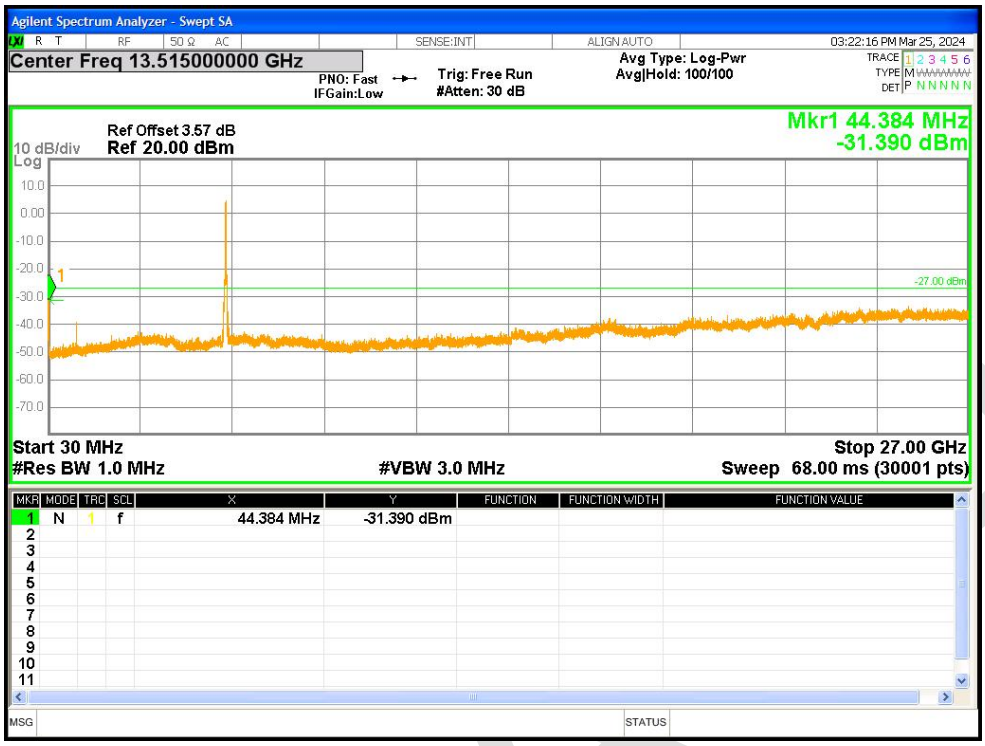
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission

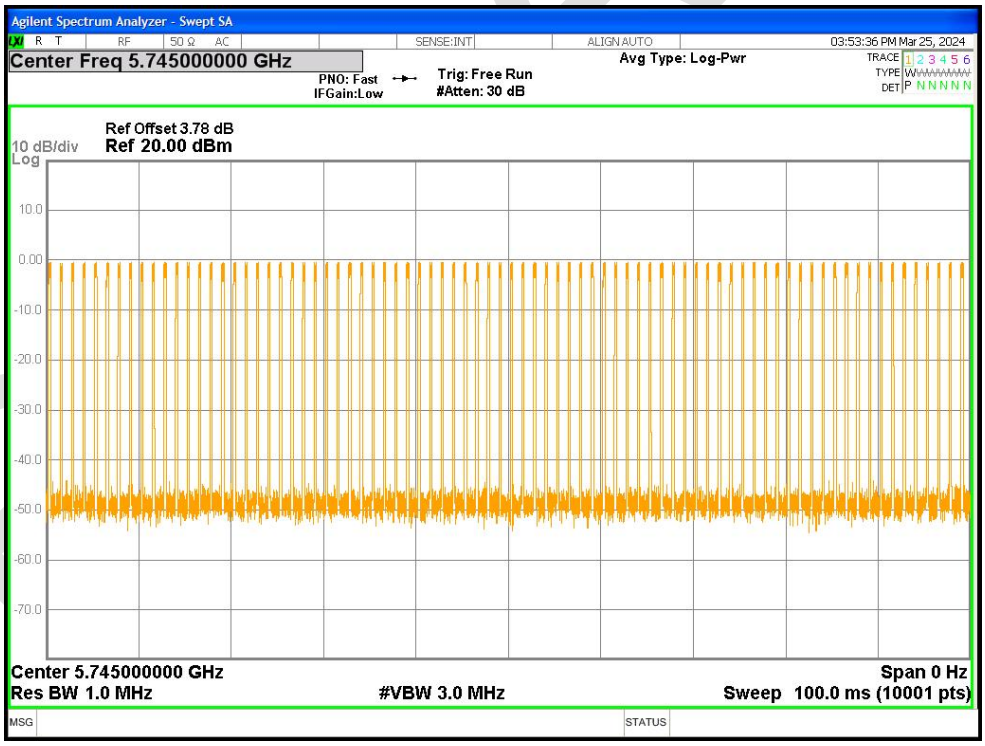

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
03:22:16 PM Mar 25, 2024
Ref Offset 3.57 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 44.384 MHz
-31.390 dBm
-27.00 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 68.00 ms (30001 pts)
1 N 1 f 44.384 MHz -31.390 dBm
MSG
STATUS

22.2 5.8G:

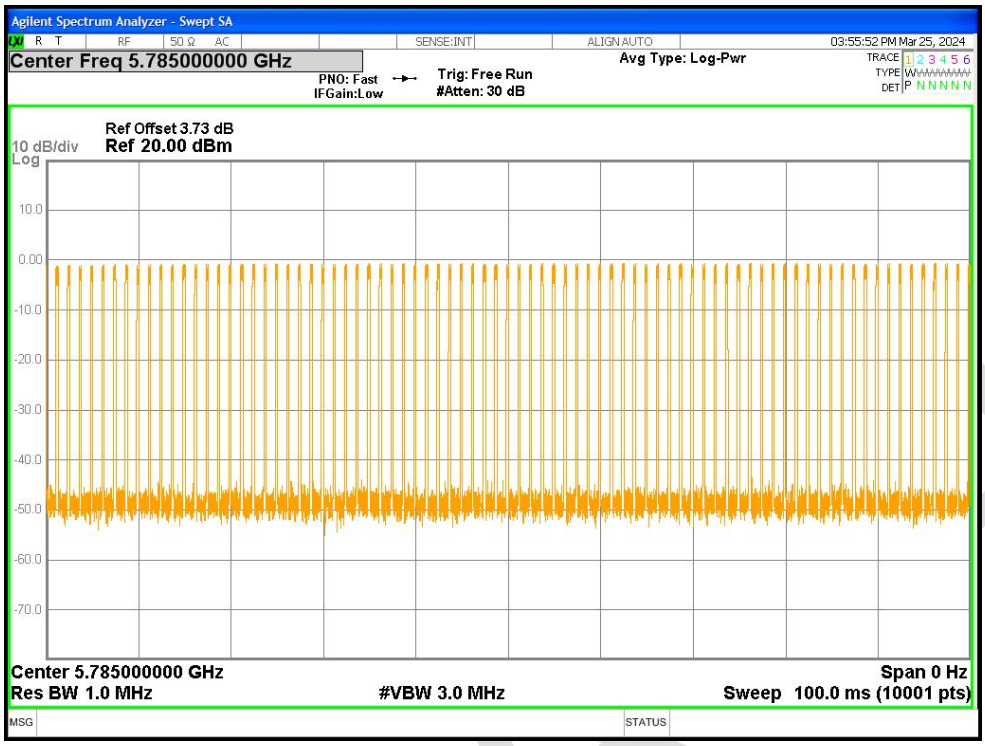
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	20.48	6.89
NVNT	a	5785	Ant1	20.56	6.87
NVNT	a	5825	Ant1	20.48	6.89
NVNT	ac20	5745	Ant1	19.48	7.1
NVNT	ac20	5785	Ant1	19.46	7.11
NVNT	ac20	5825	Ant1	19.46	7.11
NVNT	ac40	5755	Ant1	11.53	9.38
NVNT	ac40	5795	Ant1	11.42	9.42
NVNT	ac80	5775	Ant1	7.8	11.08
NVNT	n20	5745	Ant1	19.13	7.18
NVNT	n20	5785	Ant1	19.12	7.19
NVNT	n20	5825	Ant1	19.32	7.14
NVNT	n40	5755	Ant1	12.33	9.09
NVNT	n40	5795	Ant1	12.34	9.09

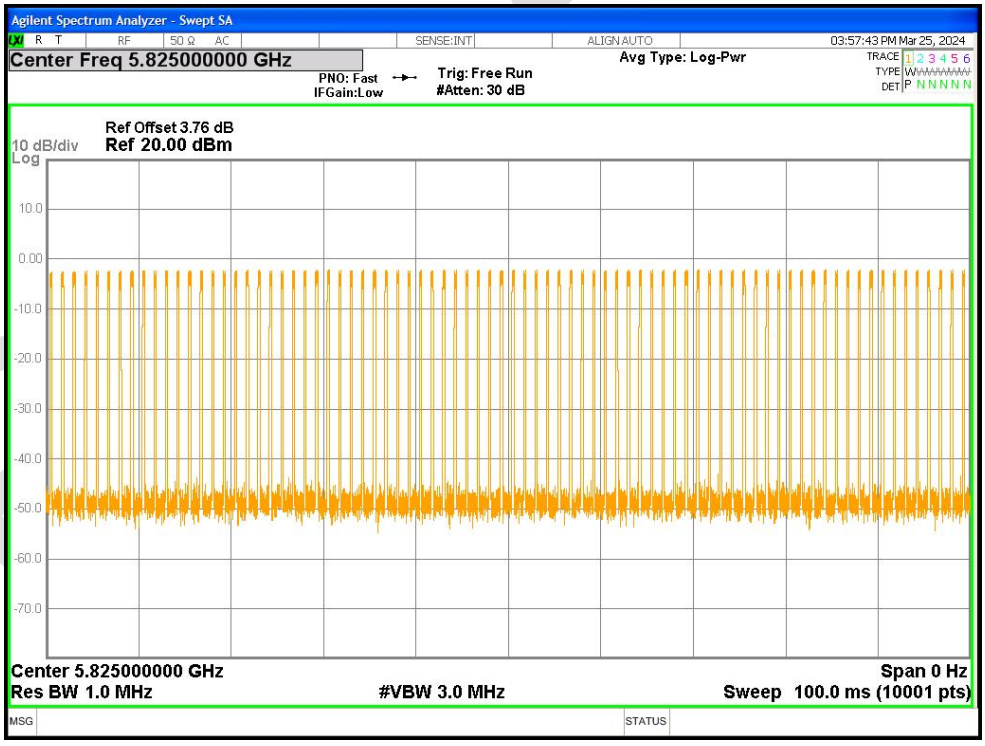
Duty Cycle NVNT a 5745MHz Ant1



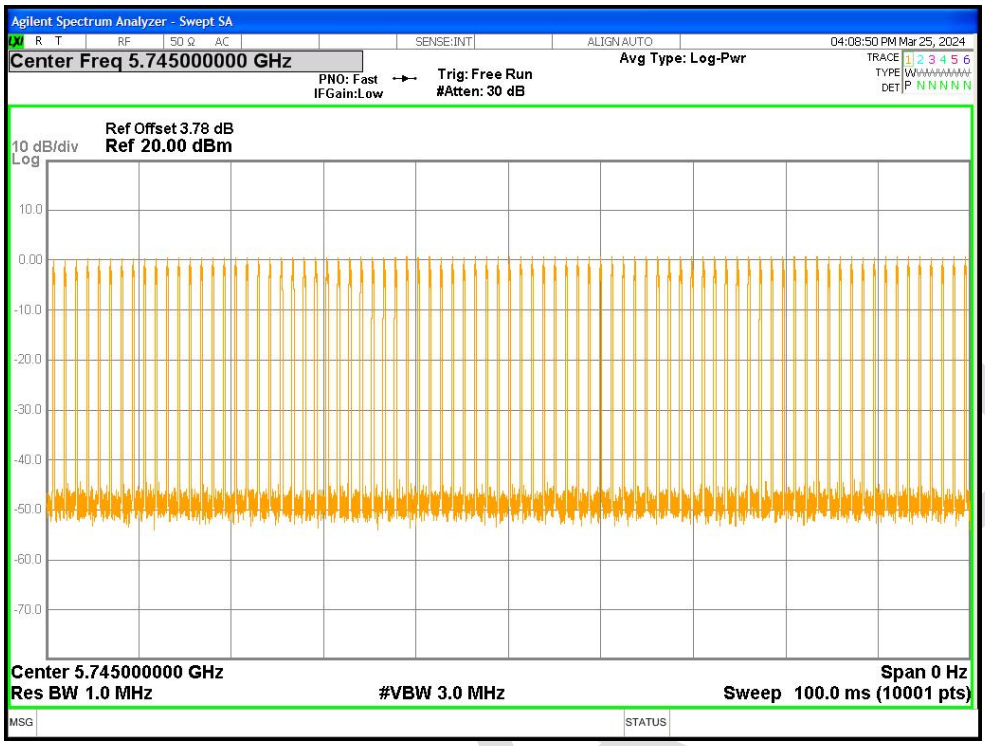
Duty Cycle NVNT a 5785MHz Ant1



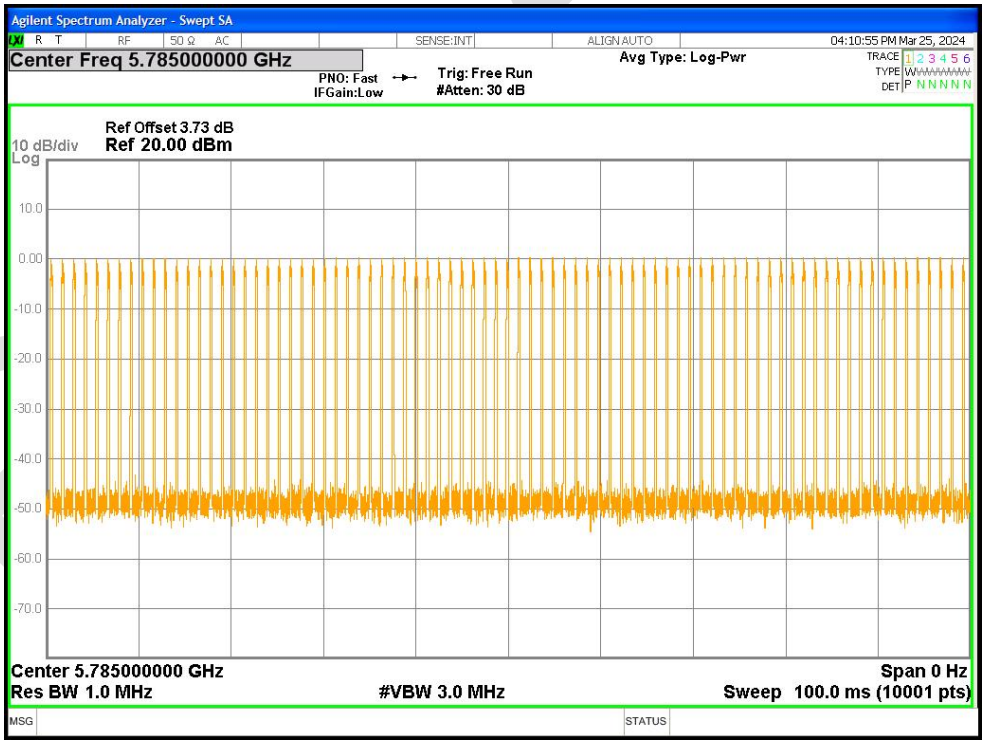
Duty Cycle NVNT a 5825MHz Ant1



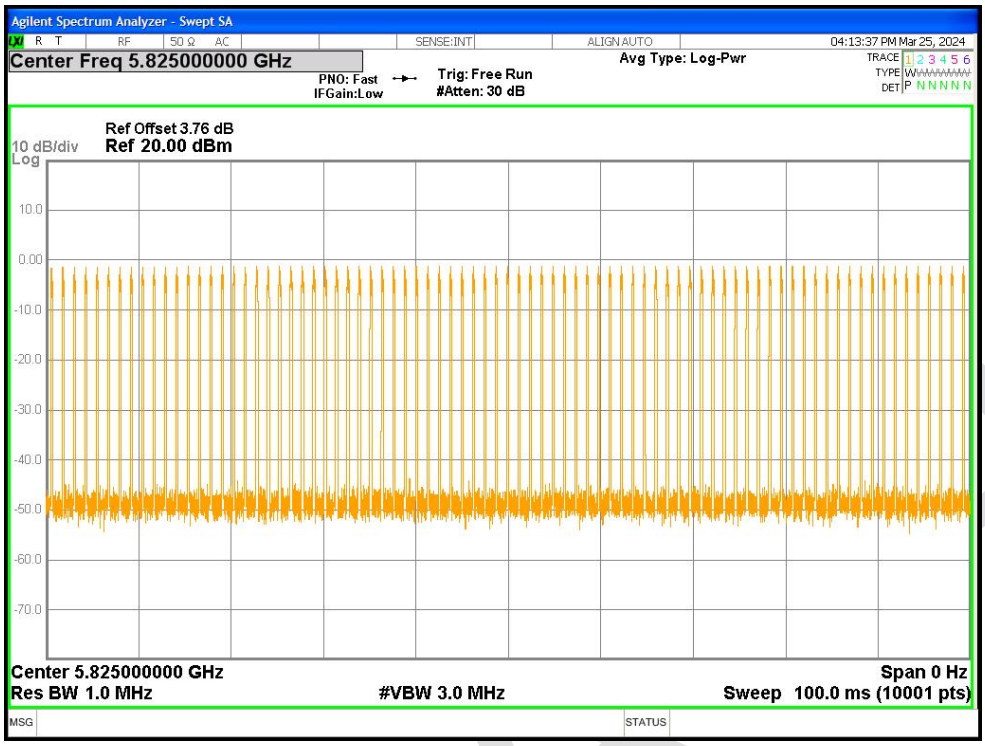
Duty Cycle NVNT ac20 5745MHz Ant1



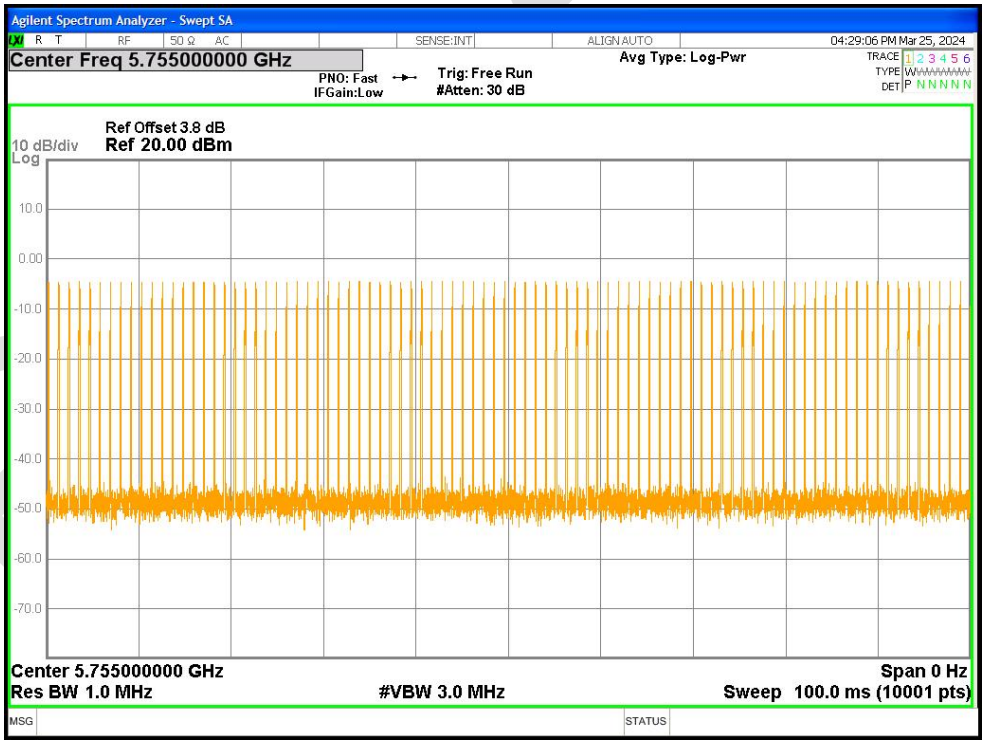
Duty Cycle NVNT ac20 5785MHz Ant1



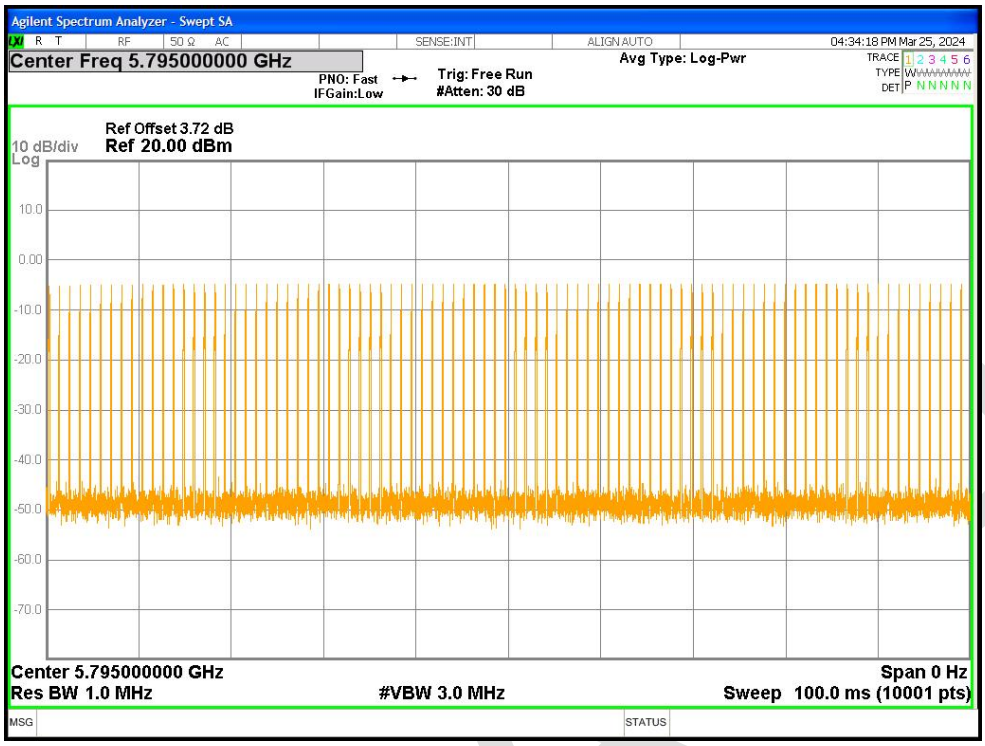
Duty Cycle NVNT ac20 5825MHz Ant1



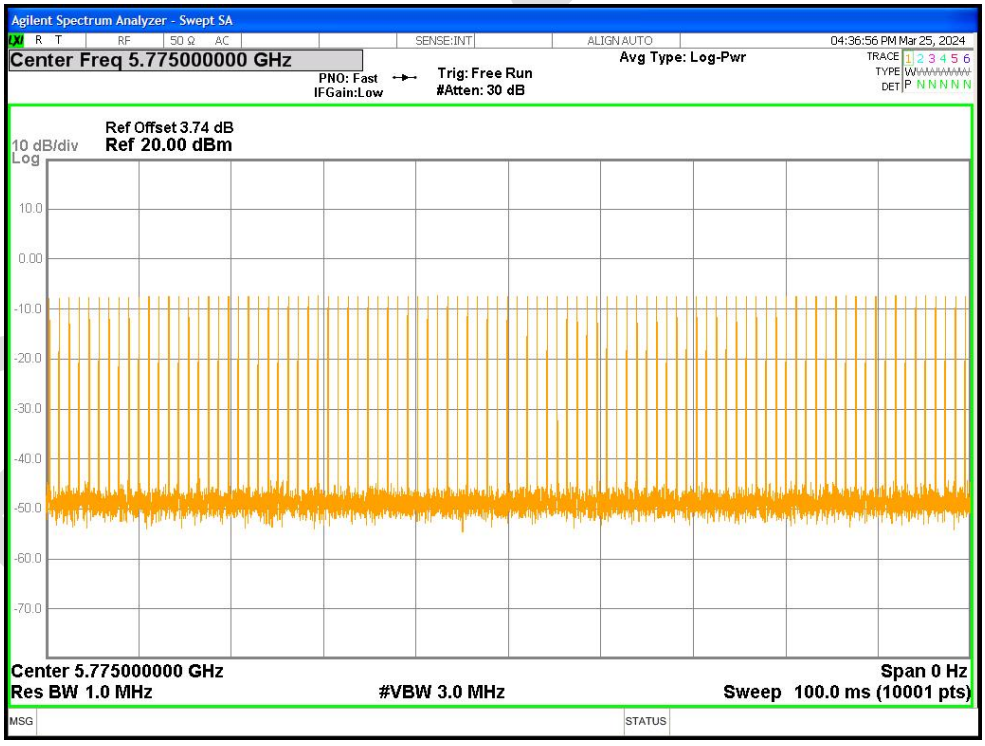
Duty Cycle NVNT ac40 5755MHz Ant1



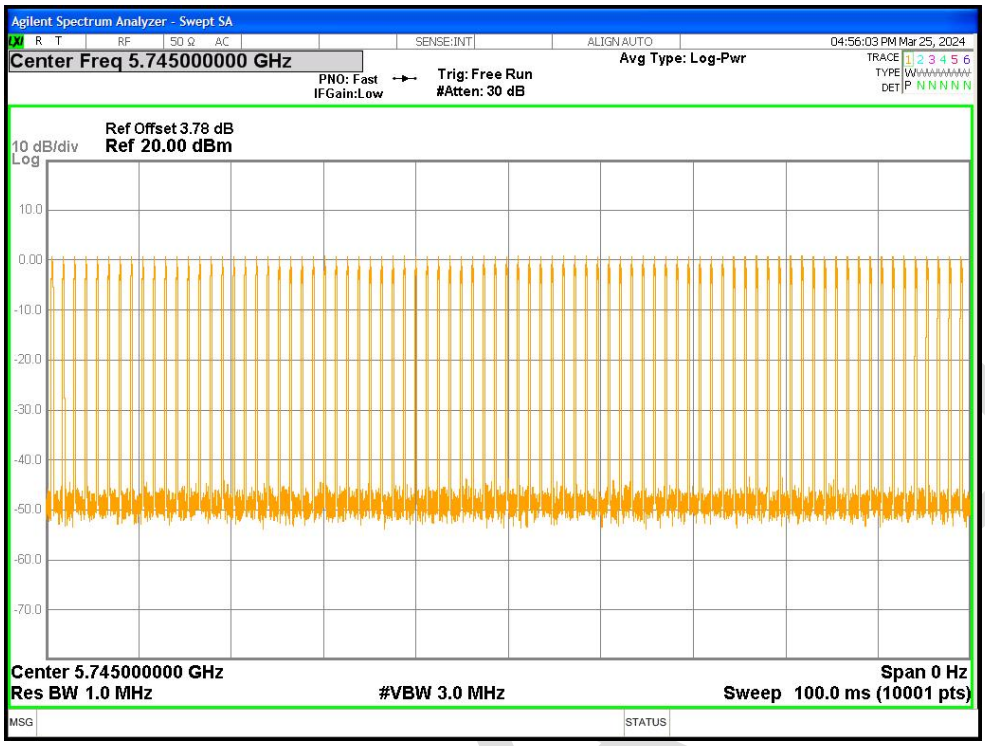
Duty Cycle NVNT ac40 5795MHz Ant1



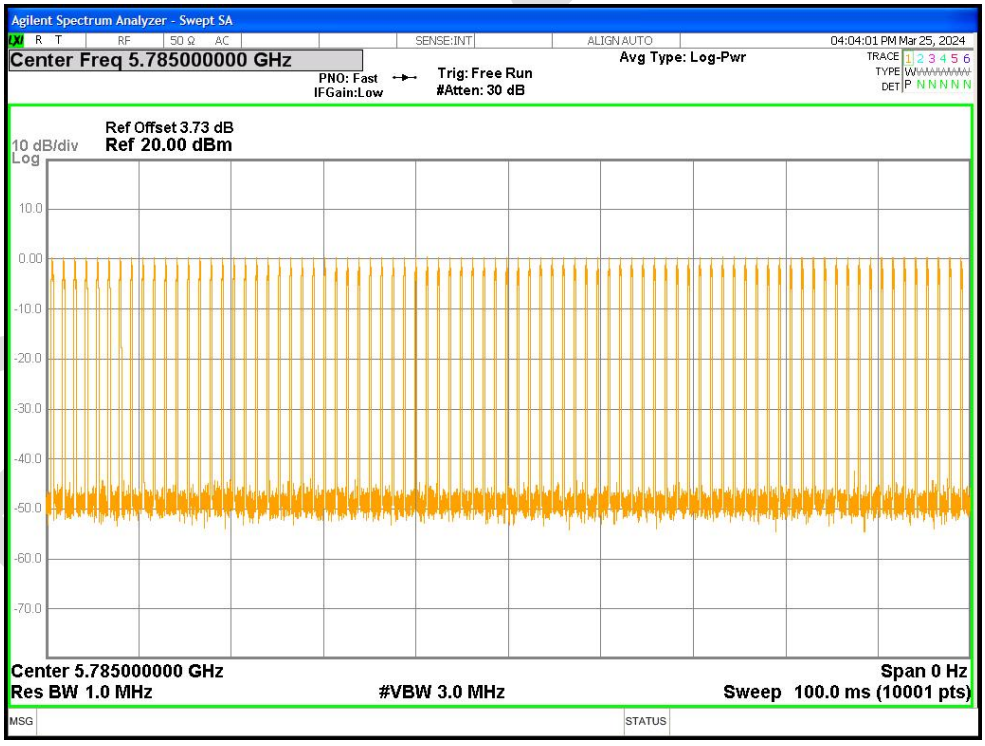
Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant1

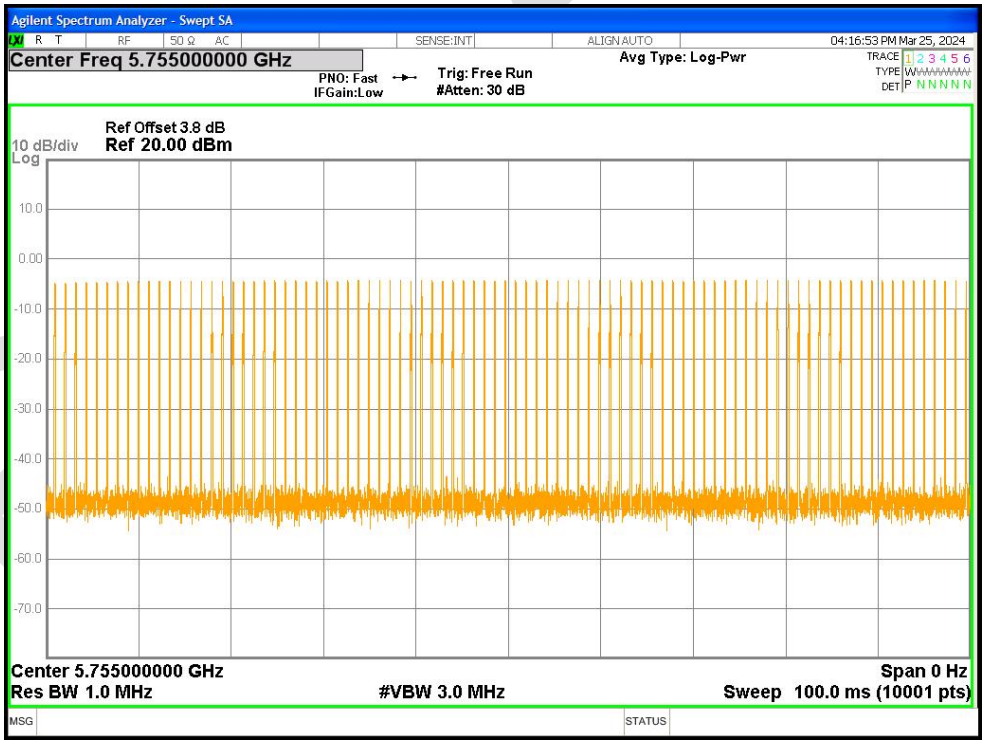


Duty Cycle NVNT n20 5785MHz Ant1

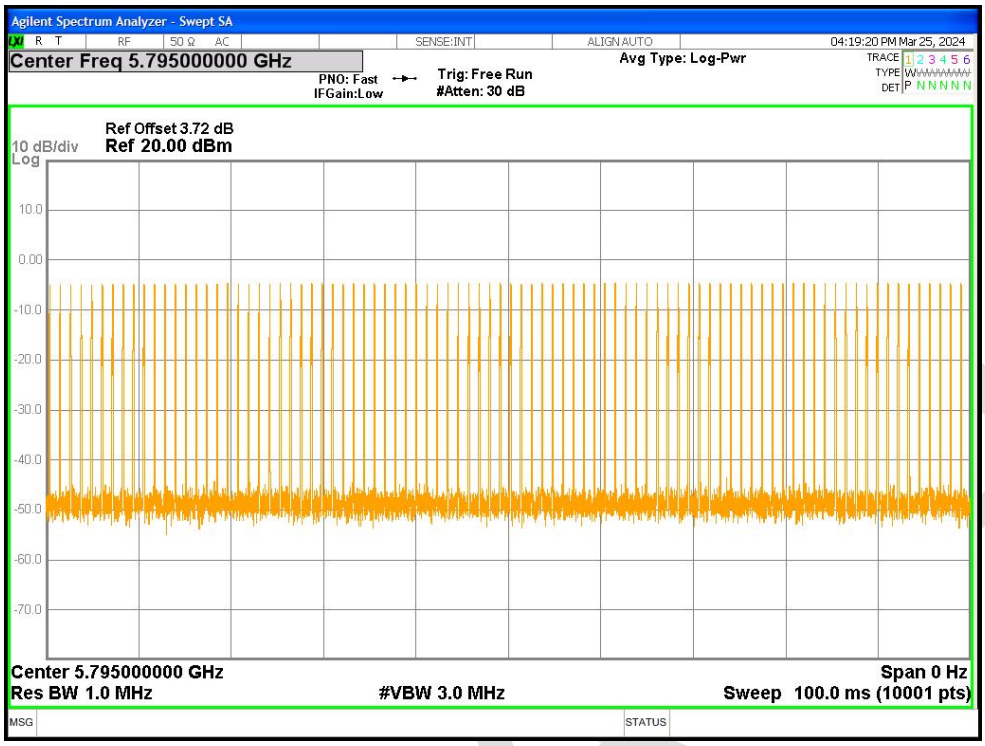


Duty Cycle NVNT n20 5825MHz Ant1

Duty Cycle NVNT n40 5755MHz Ant1



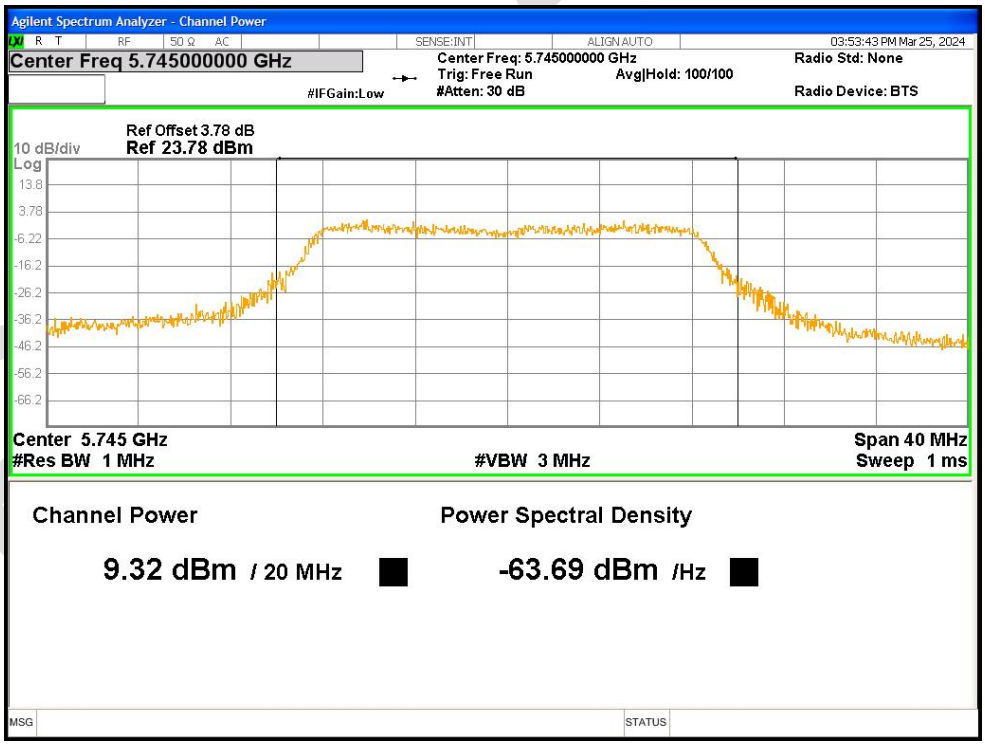
Duty Cycle NVNT n40 5795MHz Ant1


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.795000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
04:19:20 PM Mar 25, 2024
Ref Offset 3.72 dB
10 dB/div
Log
Ref 20.00 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 5.795000000 GHz
Res BW 1.0 MHz
#VBW 3.0 MHz
Span 0 Hz
Sweep 100.0 ms (10001 pts)
MSG
STATUS

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	9.325	6.89	16.215	30	Pass
NVNT	a	5785	Ant1	9.2	6.87	16.07	30	Pass
NVNT	a	5825	Ant1	7.821	6.89	14.711	30	Pass
NVNT	ac20	5745	Ant1	9.089	7.1	16.189	30	Pass
NVNT	ac20	5785	Ant1	9.117	7.11	16.227	30	Pass
NVNT	ac20	5825	Ant1	7.559	7.11	14.669	30	Pass
NVNT	ac40	5755	Ant1	9.227	9.38	18.607	30	Pass
NVNT	ac40	5795	Ant1	8.681	9.42	18.101	30	Pass
NVNT	ac80	5775	Ant1	8.666	11.08	19.746	30	Pass
NVNT	n20	5745	Ant1	9.277	7.18	16.457	30	Pass
NVNT	n20	5785	Ant1	9.095	7.19	16.285	30	Pass
NVNT	n20	5825	Ant1	7.687	7.14	14.827	30	Pass
NVNT	n40	5755	Ant1	9.626	9.09	18.716	30	Pass
NVNT	n40	5795	Ant1	8.655	9.09	17.745	30	Pass

Power NVNT a 5745MHz Ant1



Power NVNT a 5785MHz Ant1