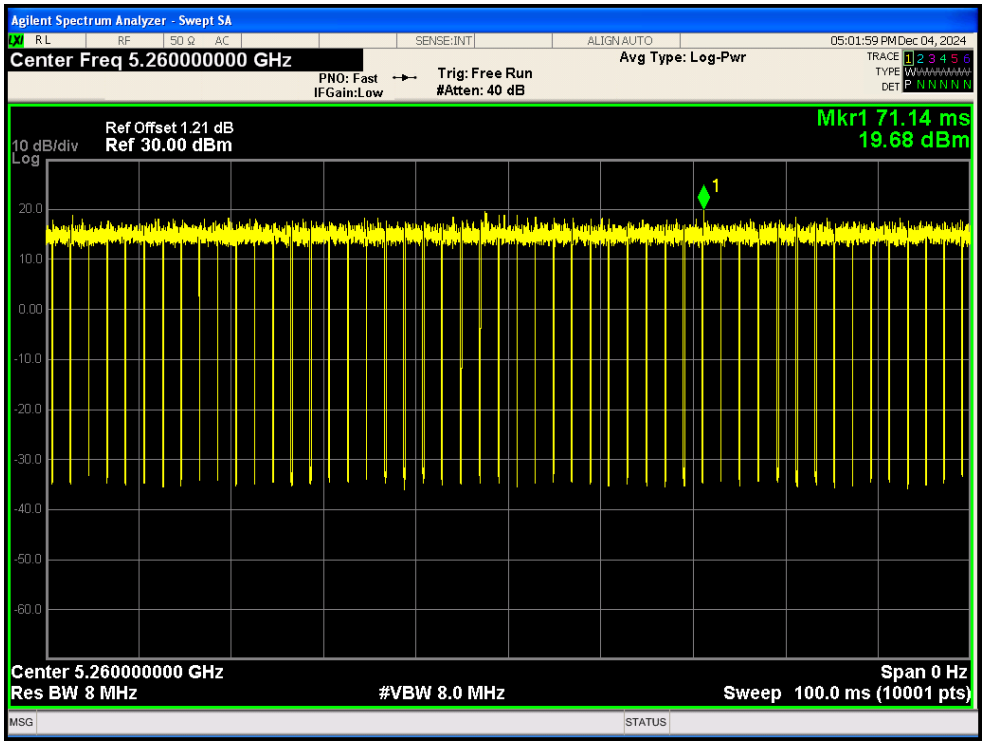
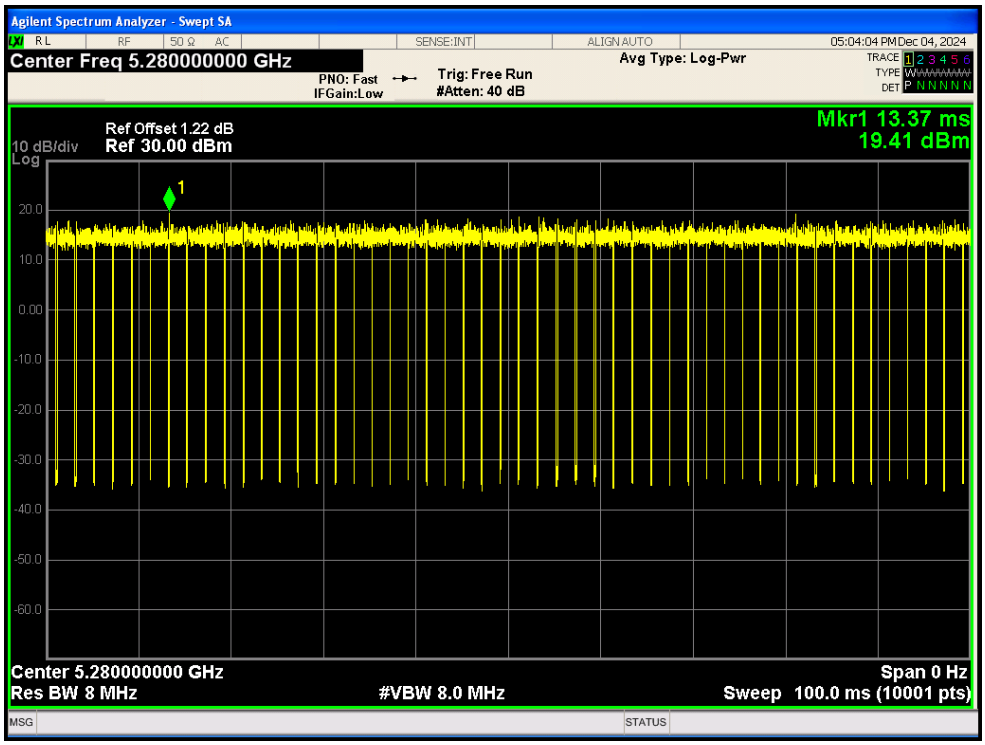
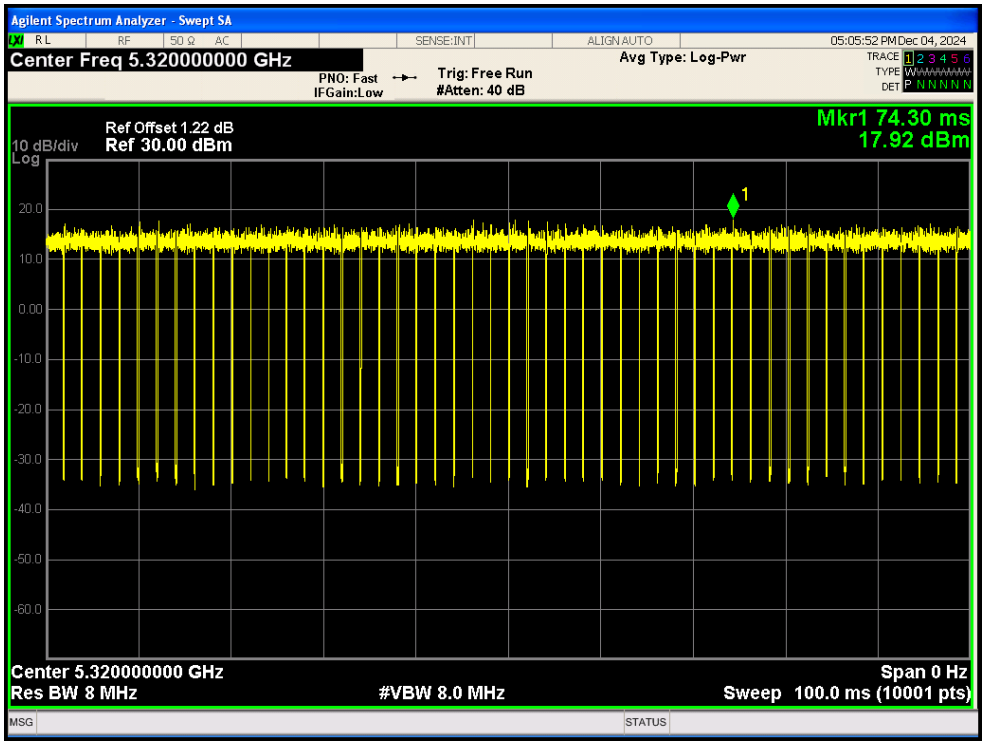
Duty Cycle NVNT ac20 5260MHz Ant1



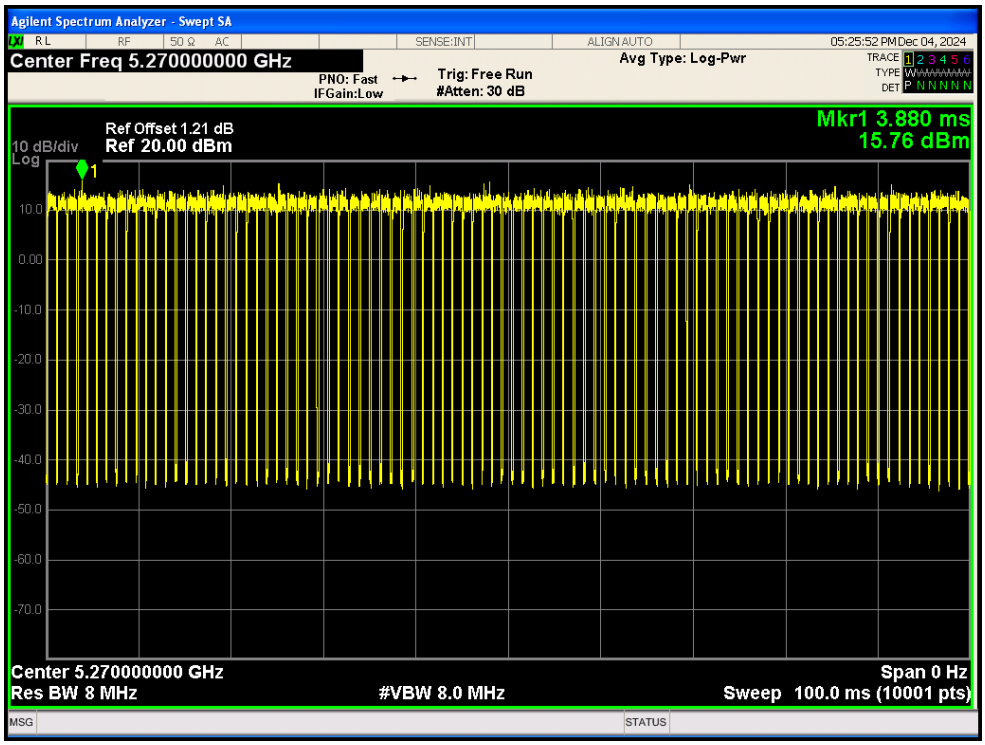
Duty Cycle NVNT ac20 5280MHz Ant1



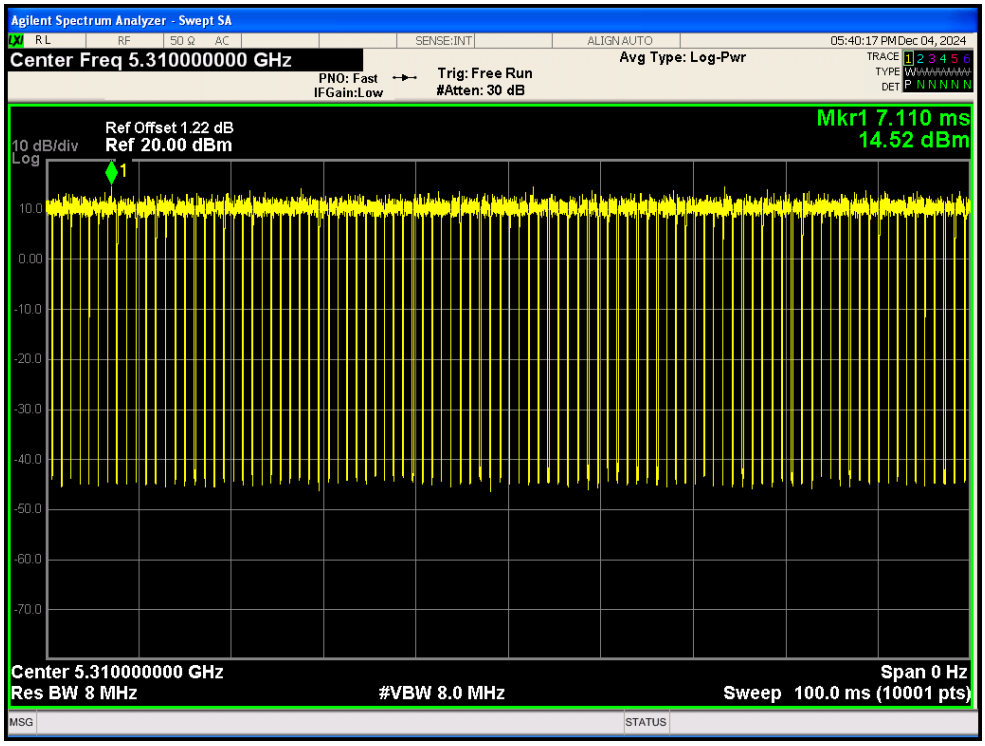
Duty Cycle NVNT ac20 5320MHz Ant1



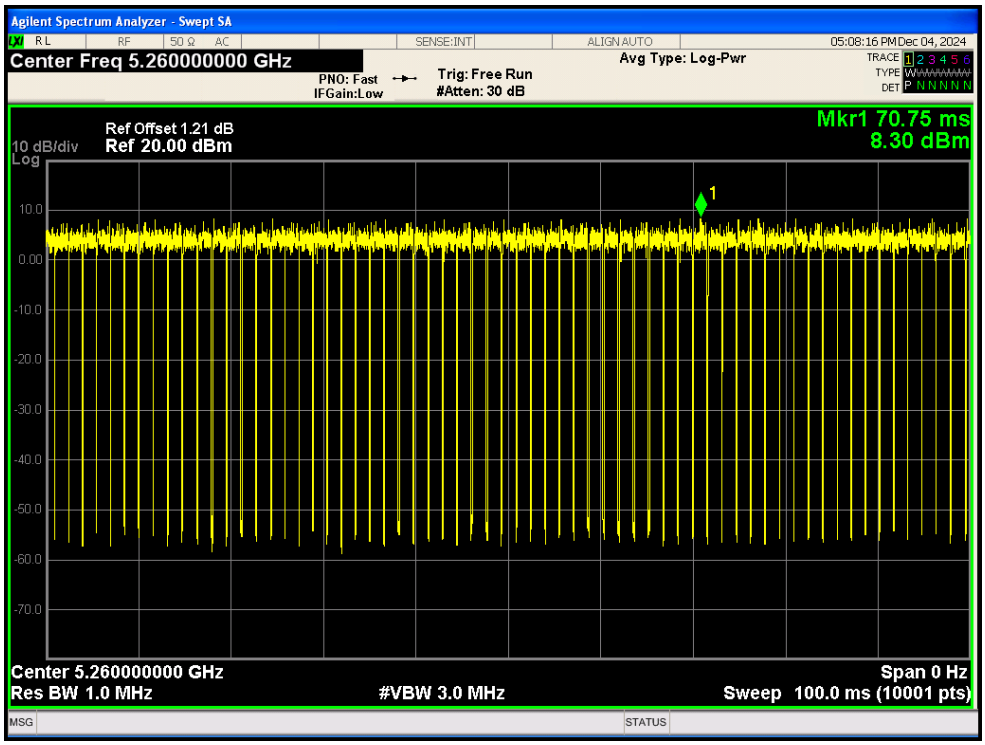
Duty Cycle NVNT ac40 5270MHz Ant1



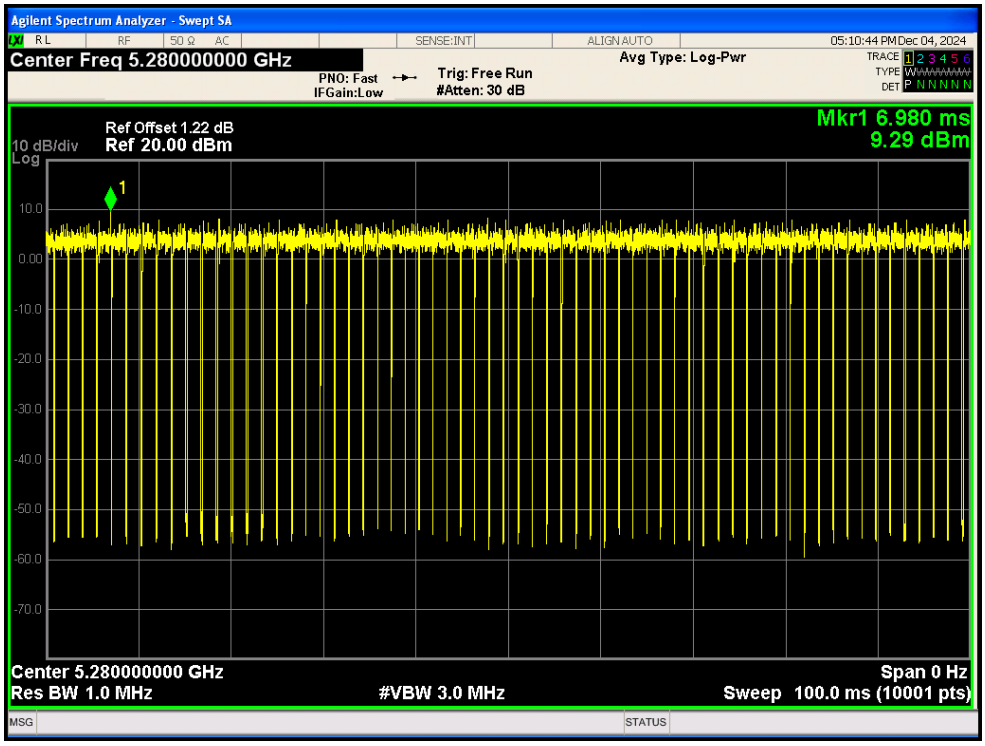
Duty Cycle NVNT ac40 5310MHz Ant1



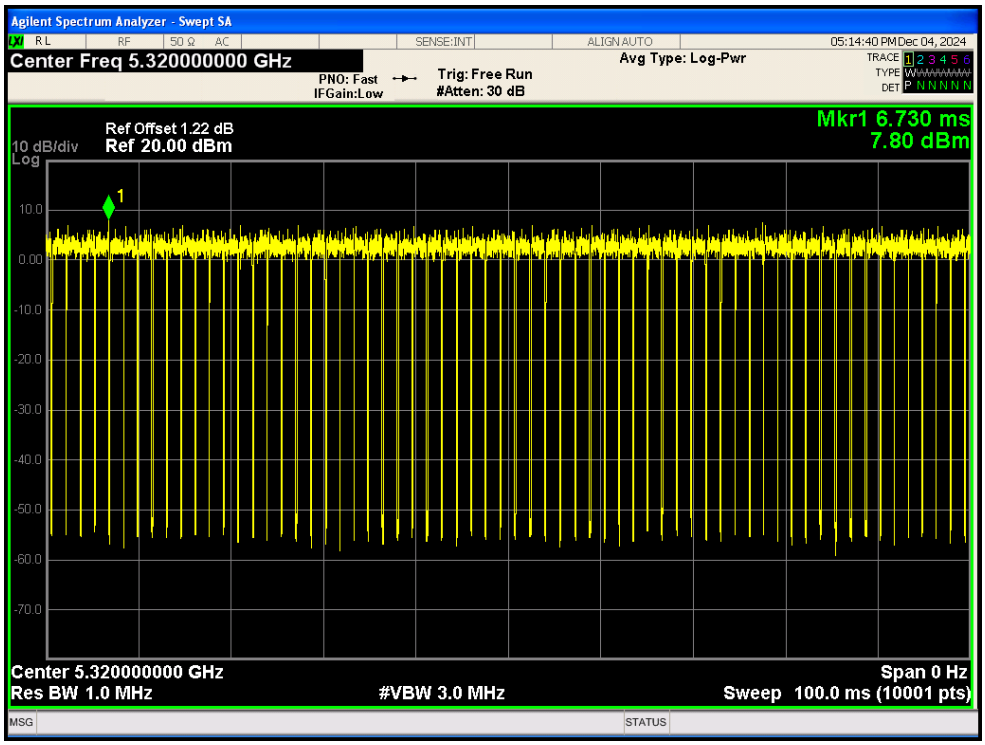
Duty Cycle NVNT ax20 5260MHz Ant1



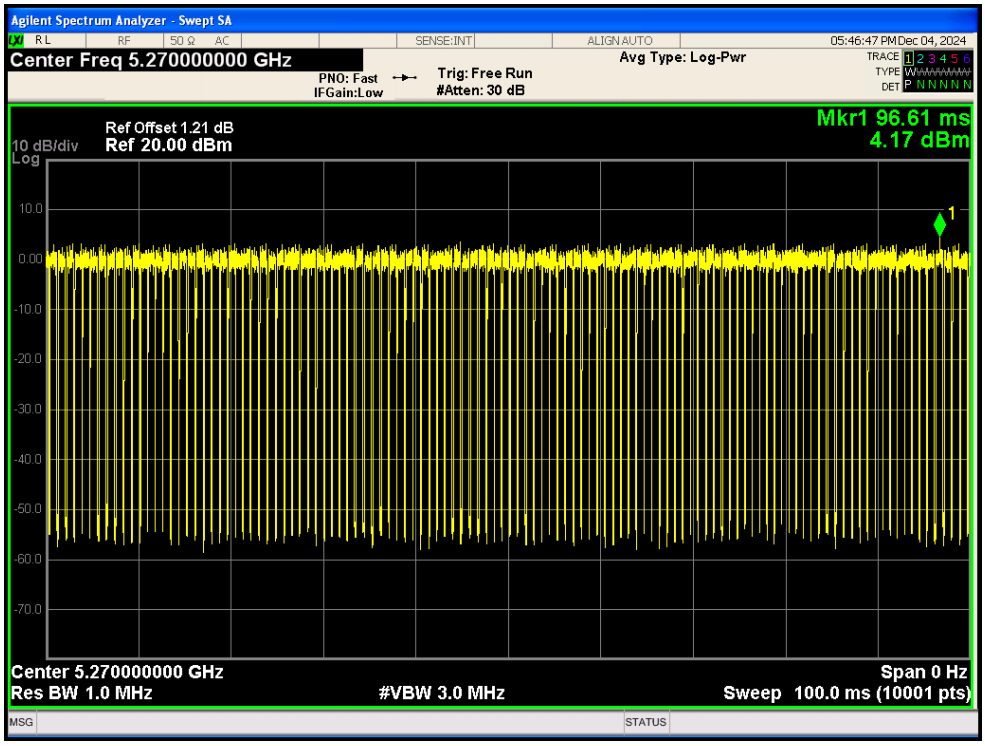
Duty Cycle NVNT ax20 5280MHz Ant1



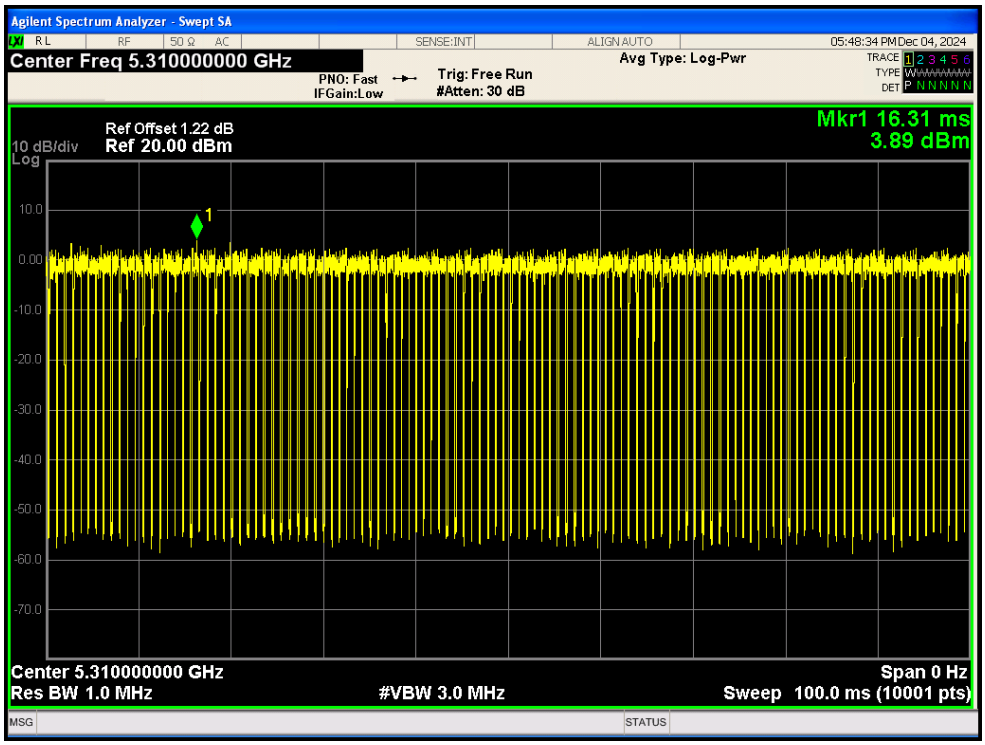
Duty Cycle NVNT ax20 5320MHz Ant1



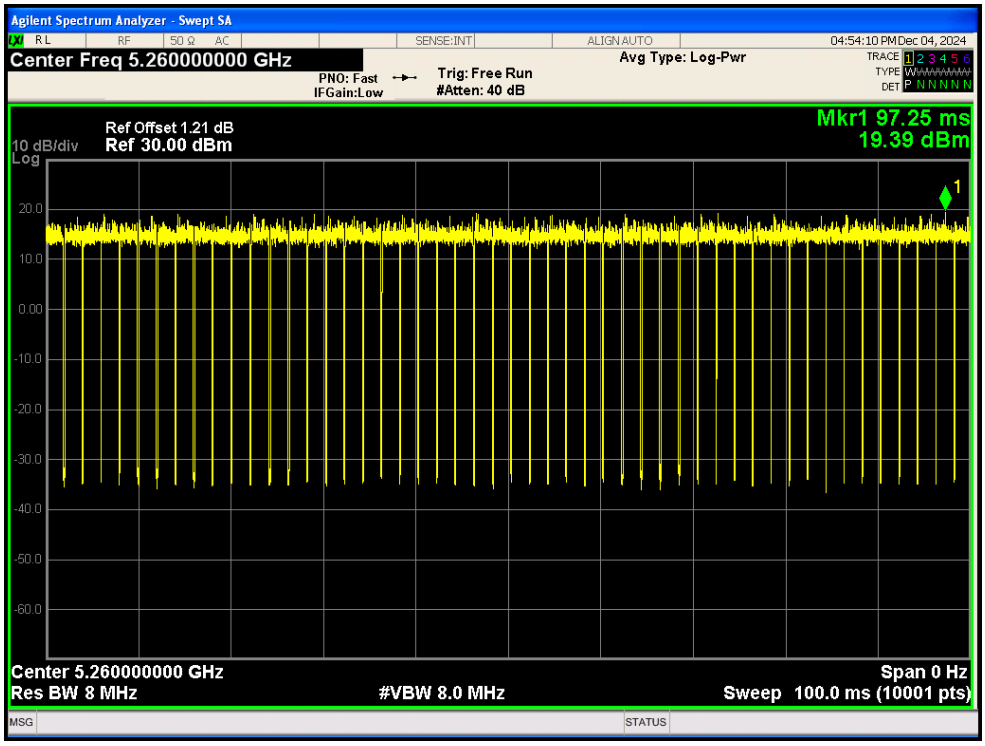
Duty Cycle NVNT ax40 5270MHz Ant1



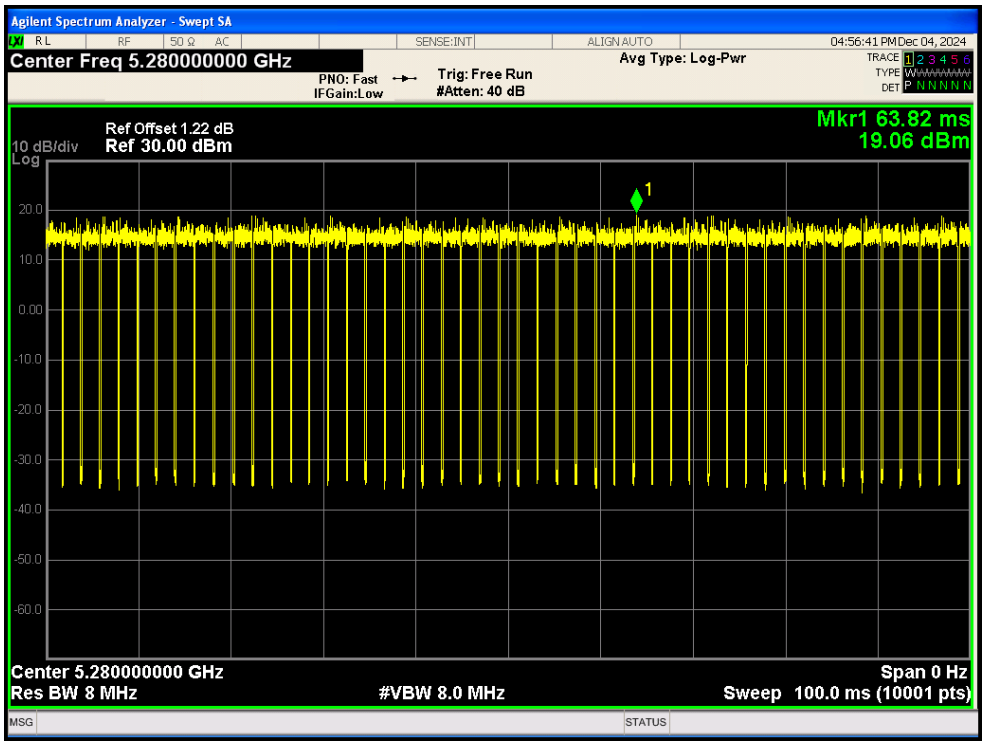
Duty Cycle NVNT ax40 5310MHz Ant1



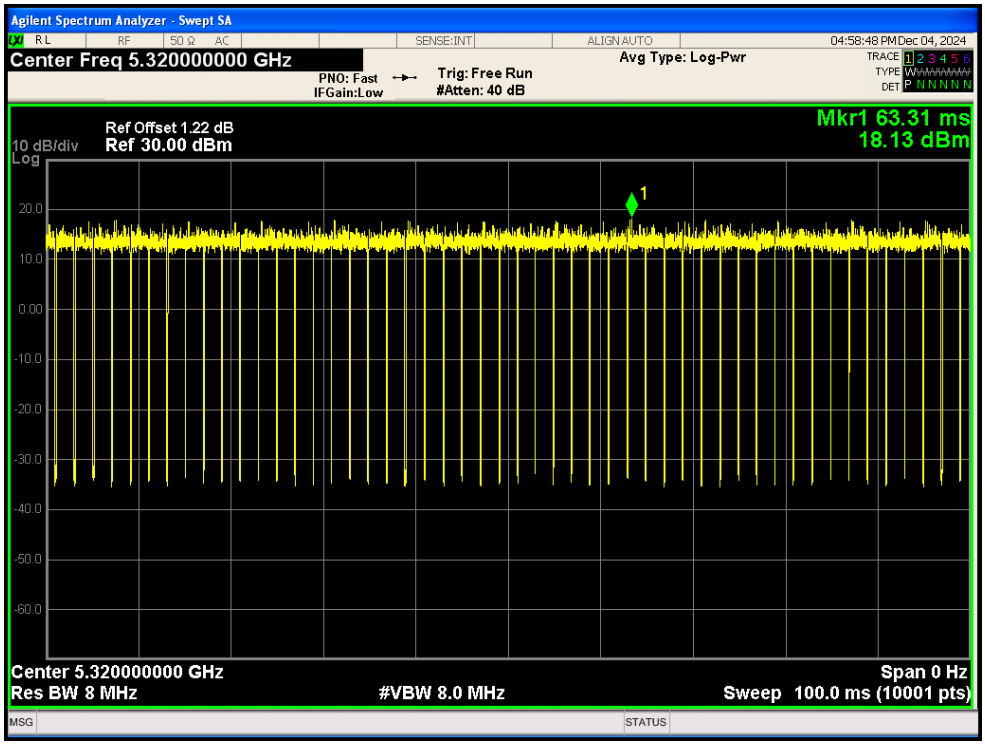
Duty Cycle NVNT n20 5260MHz Ant1



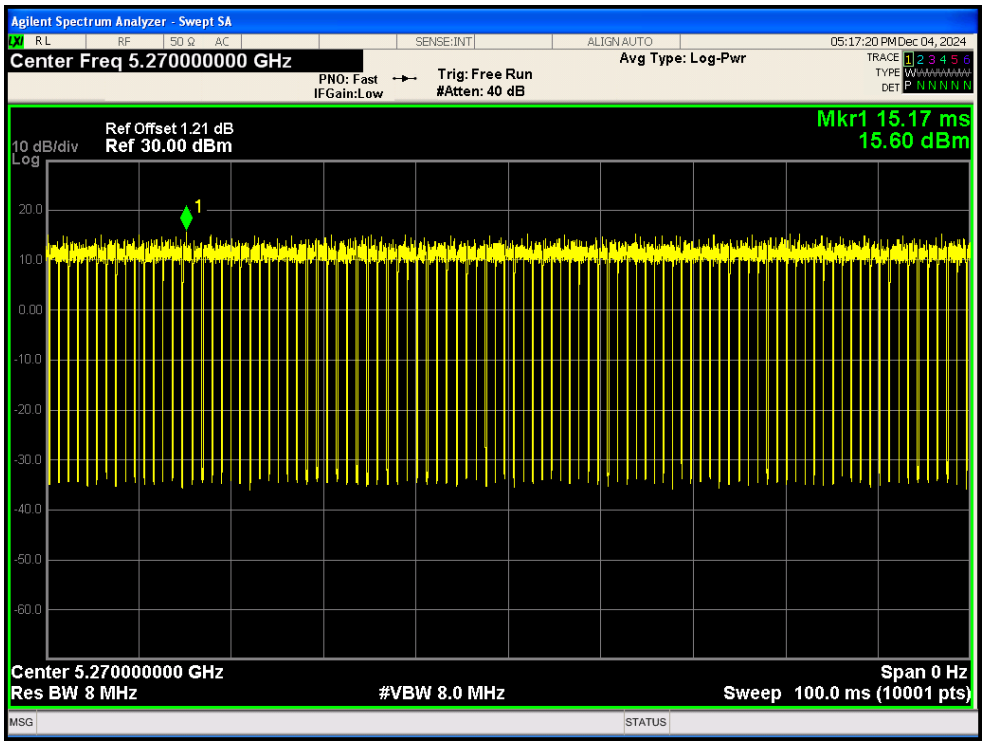
Duty Cycle NVNT n20 5280MHz Ant1



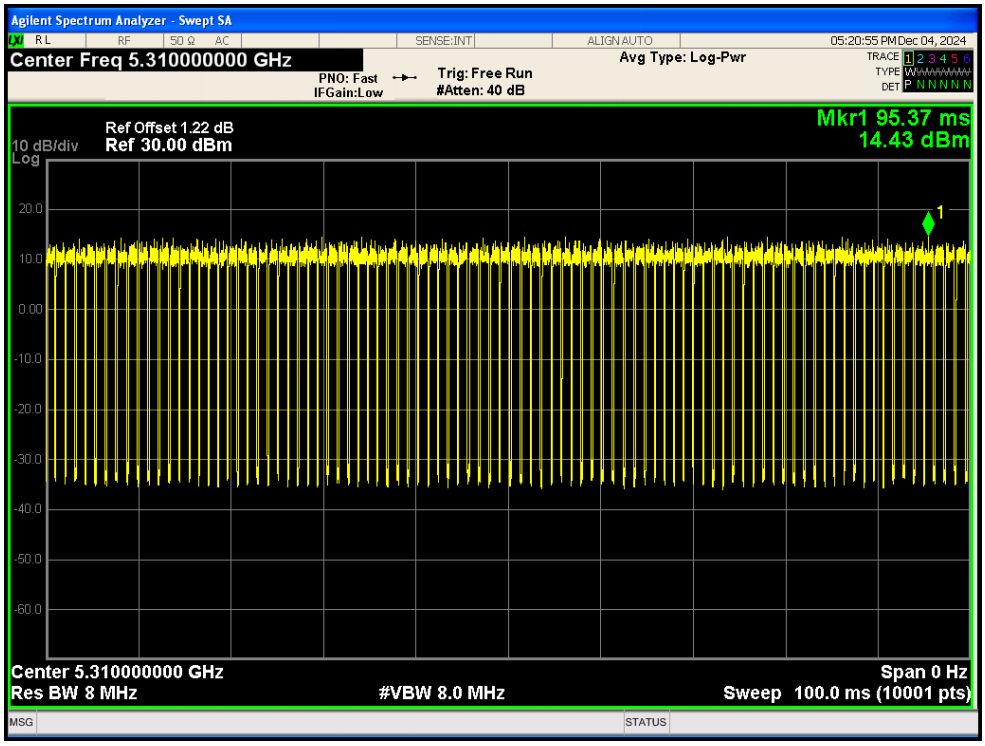
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



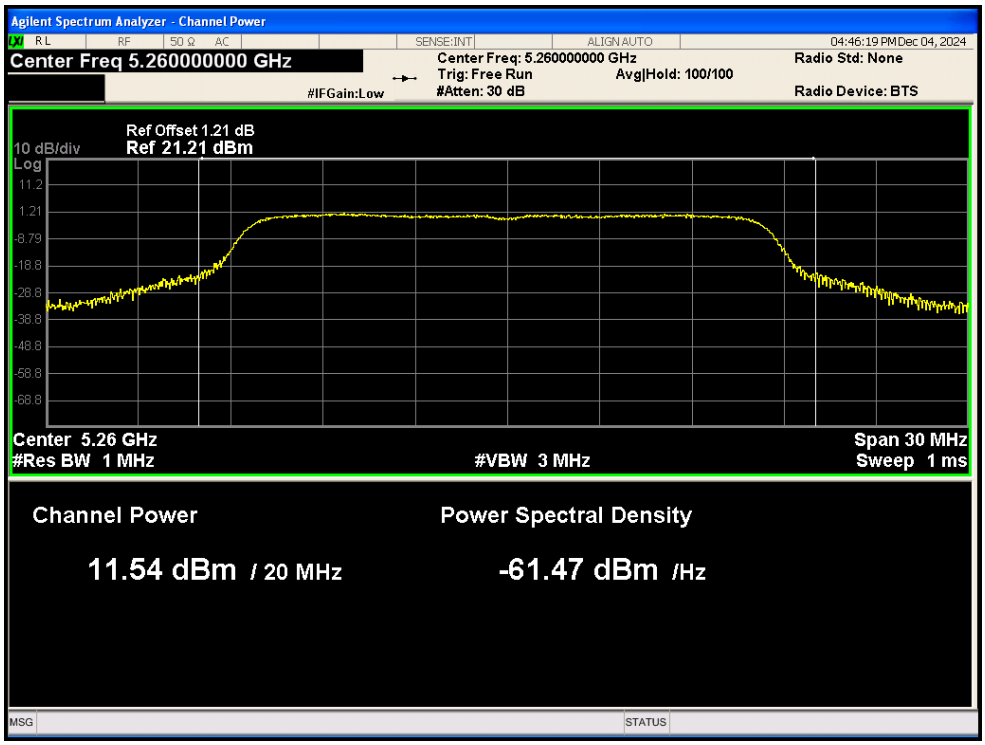
Duty Cycle NVNT n40 5310MHz Ant1



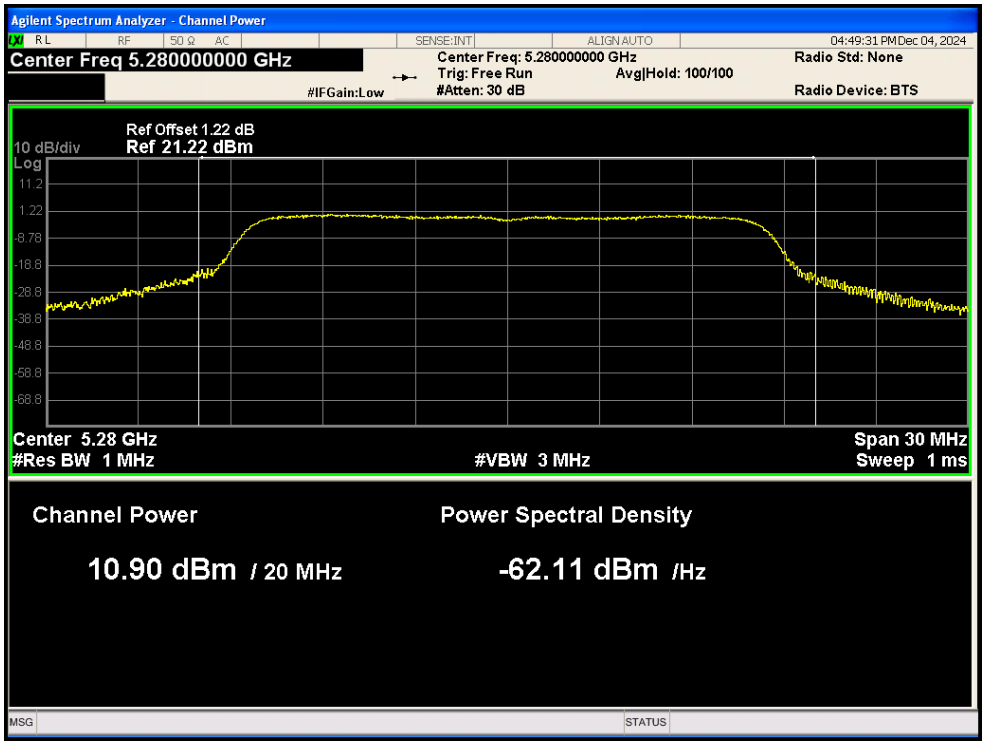
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	11.544	0.34	11.884	24	Pass
NVNT	a	5280	Ant1	10.899	0.33	11.229	24	Pass
NVNT	a	5320	Ant1	9.864	0.22	10.084	24	Pass
NVNT	ac20	5260	Ant1	11.087	0.21	11.297	24	Pass
NVNT	ac20	5280	Ant1	10.863	0.2	11.063	24	Pass
NVNT	ac20	5320	Ant1	9.77	0.22	9.99	24	Pass
NVNT	ac40	5270	Ant1	10.528	0.64	11.168	24	Pass
NVNT	ac40	5310	Ant1	9.685	0.41	10.095	24	Pass
NVNT	ax20	5260	Ant1	11.055	0.28	11.335	24	Pass
NVNT	ax20	5280	Ant1	10.831	0.27	11.101	24	Pass
NVNT	ax20	5320	Ant1	9.678	0.29	9.968	24	Pass
NVNT	ax40	5270	Ant1	10.549	0.52	11.069	24	Pass
NVNT	ax40	5310	Ant1	9.65	0.55	10.2	24	Pass
NVNT	n20	5260	Ant1	11.087	0.23	11.317	24	Pass
NVNT	n20	5280	Ant1	10.831	0.35	11.181	24	Pass
NVNT	n20	5320	Ant1	9.823	0.21	10.033	24	Pass
NVNT	n40	5270	Ant1	10.579	0.4	10.979	24	Pass
NVNT	n40	5310	Ant1	9.939	0.65	10.589	24	Pass

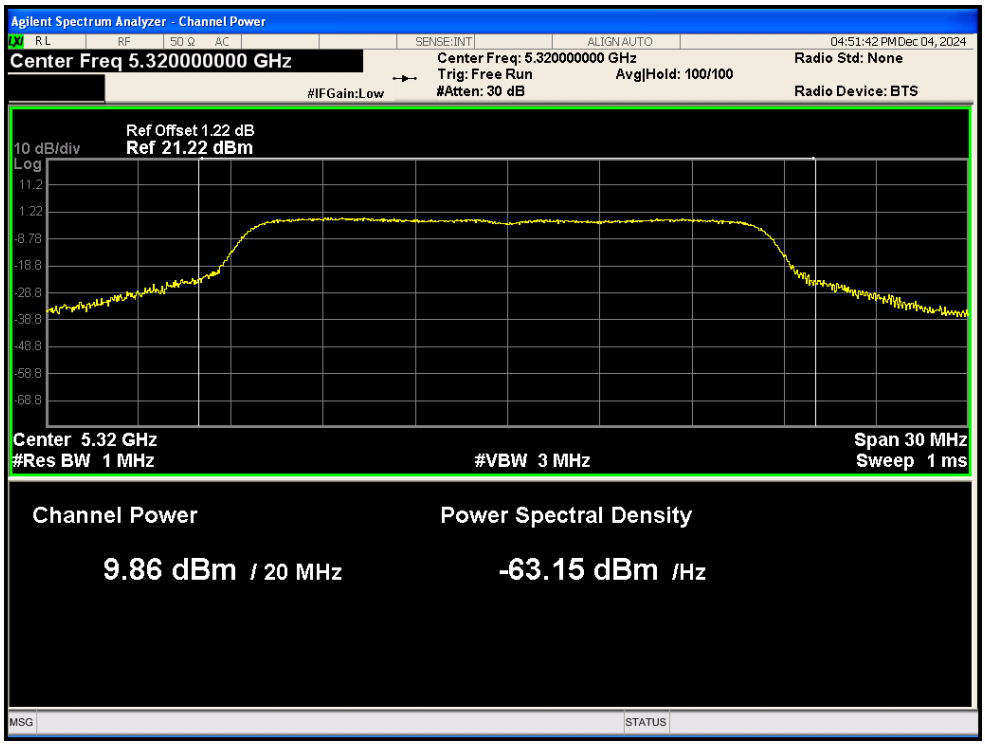
Power NVNT a 5260MHz Ant1



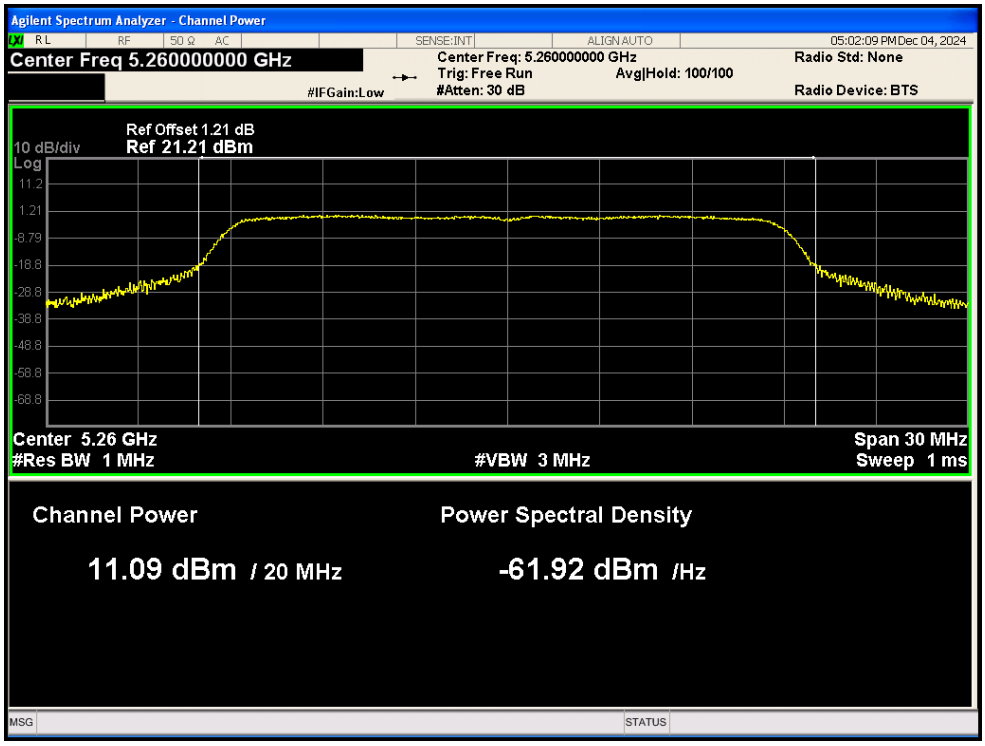
Power NVNT a 5280MHz Ant1



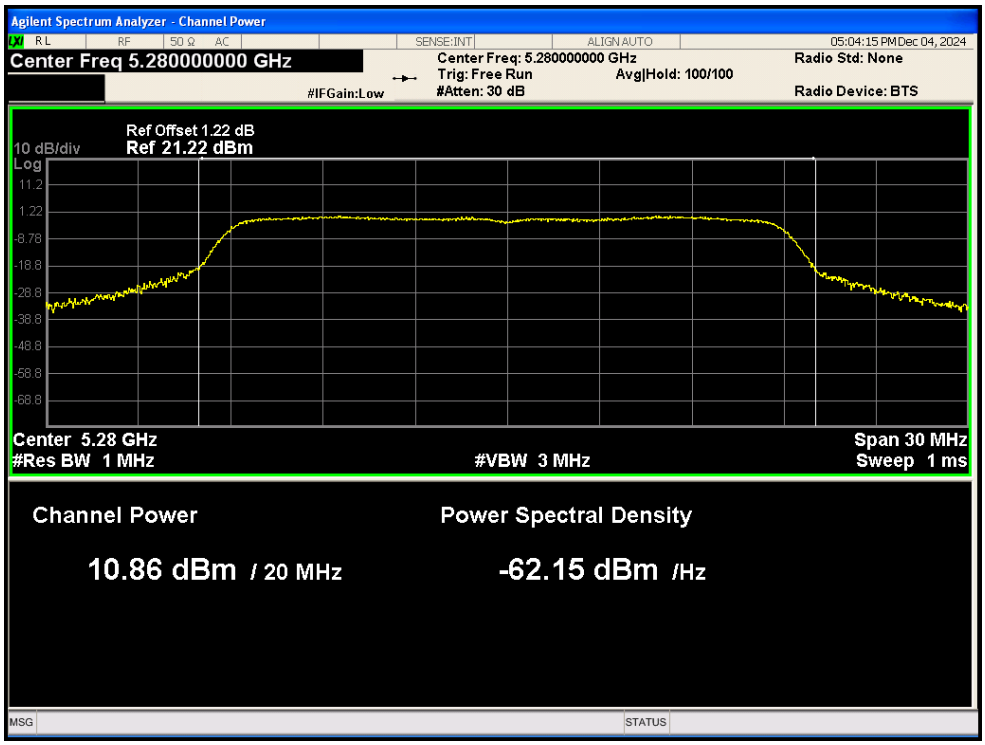
Power NVNT a 5320MHz Ant1



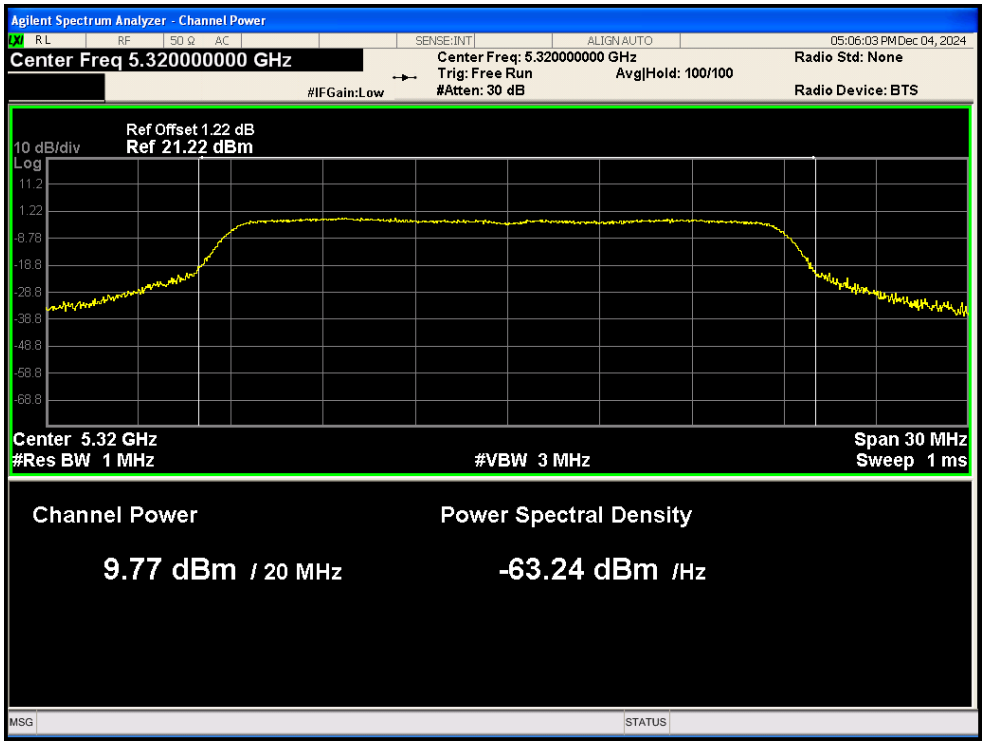
Power NVNT ac20 5260MHz Ant1



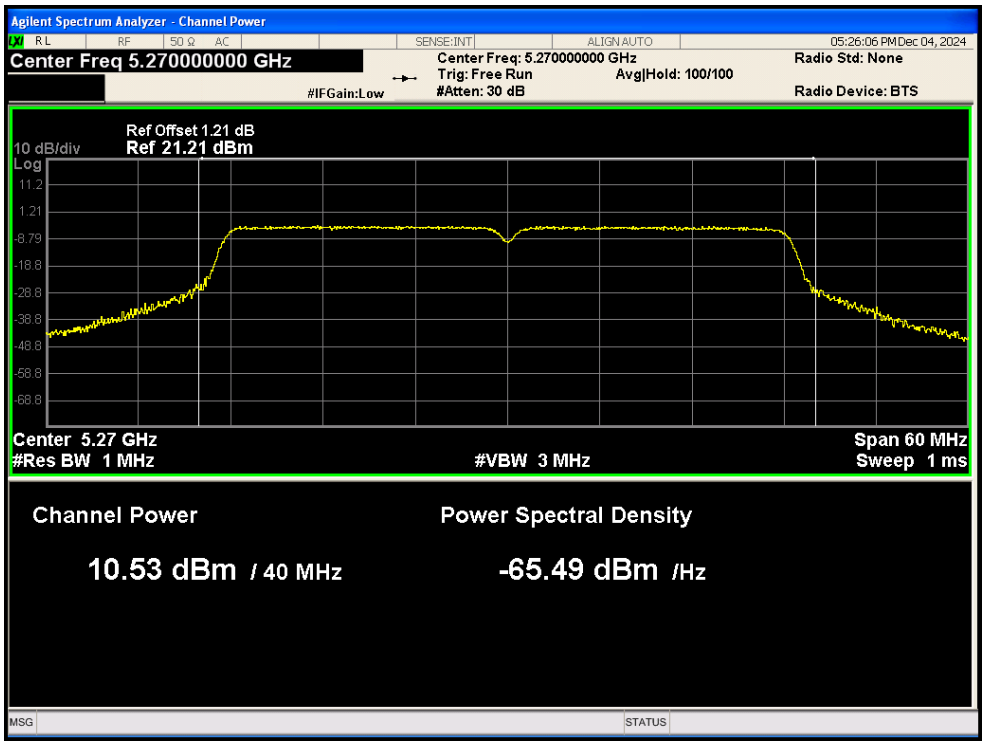
Power NVNT ac20 5280MHz Ant1



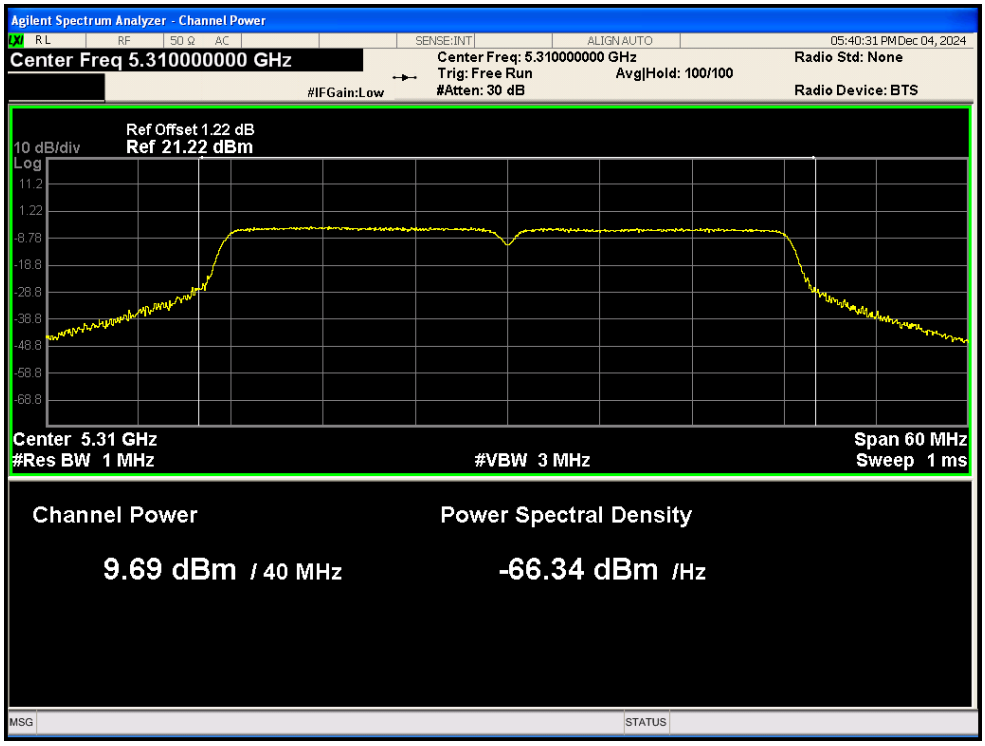
Power NVNT ac20 5320MHz Ant1



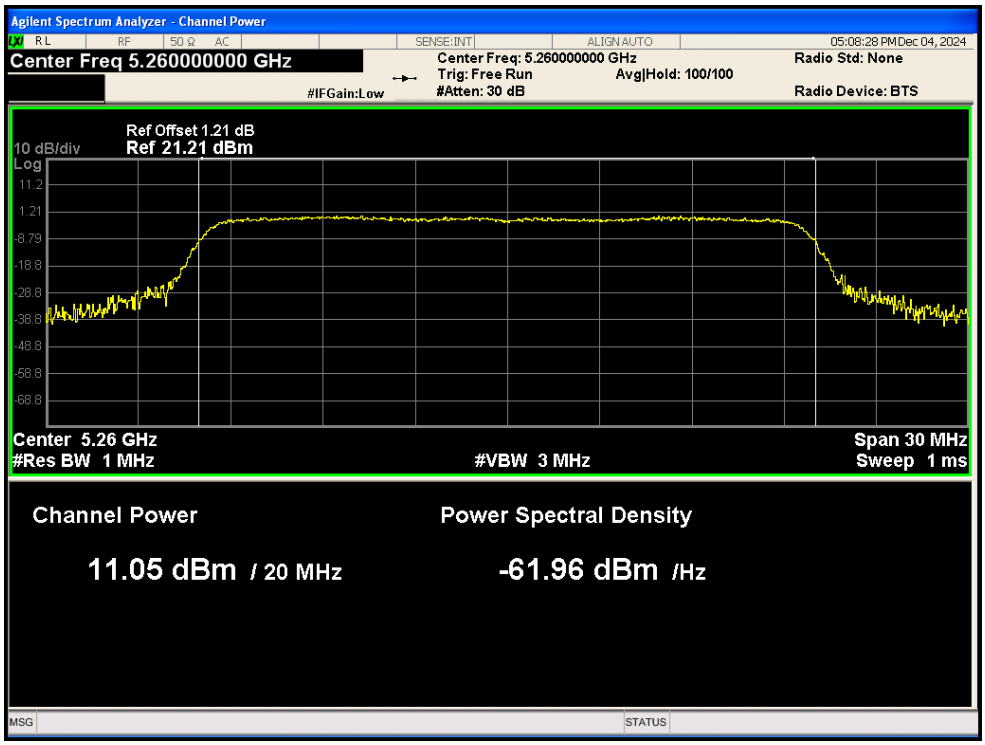
Power NVNT ac40 5270MHz Ant1



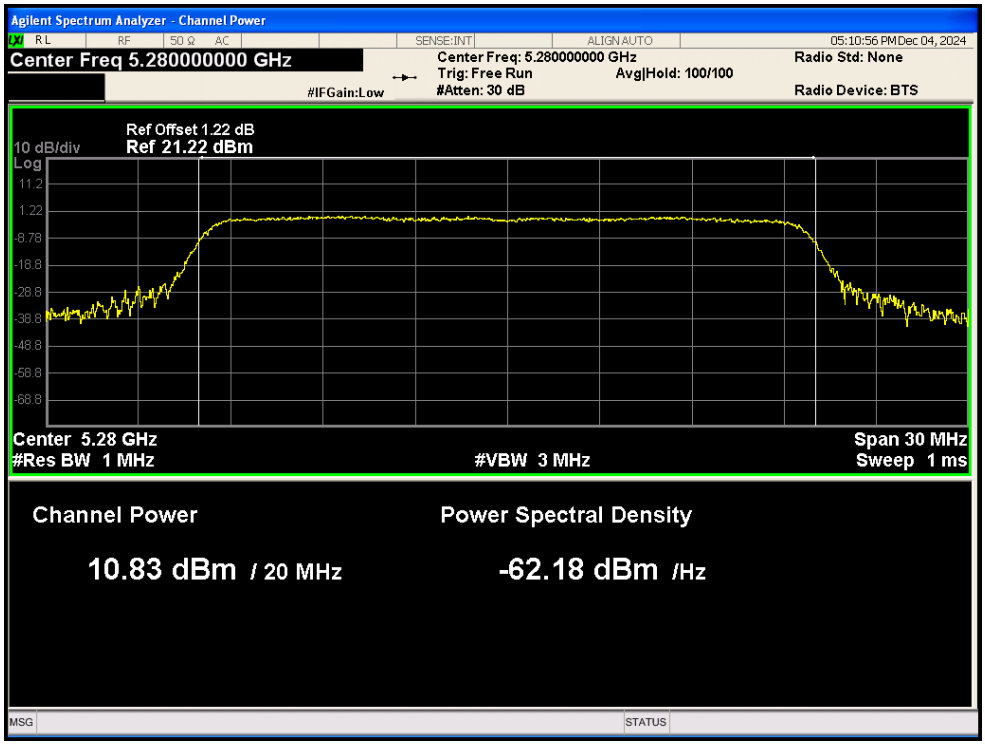
Power NVNT ac40 5310MHz Ant1



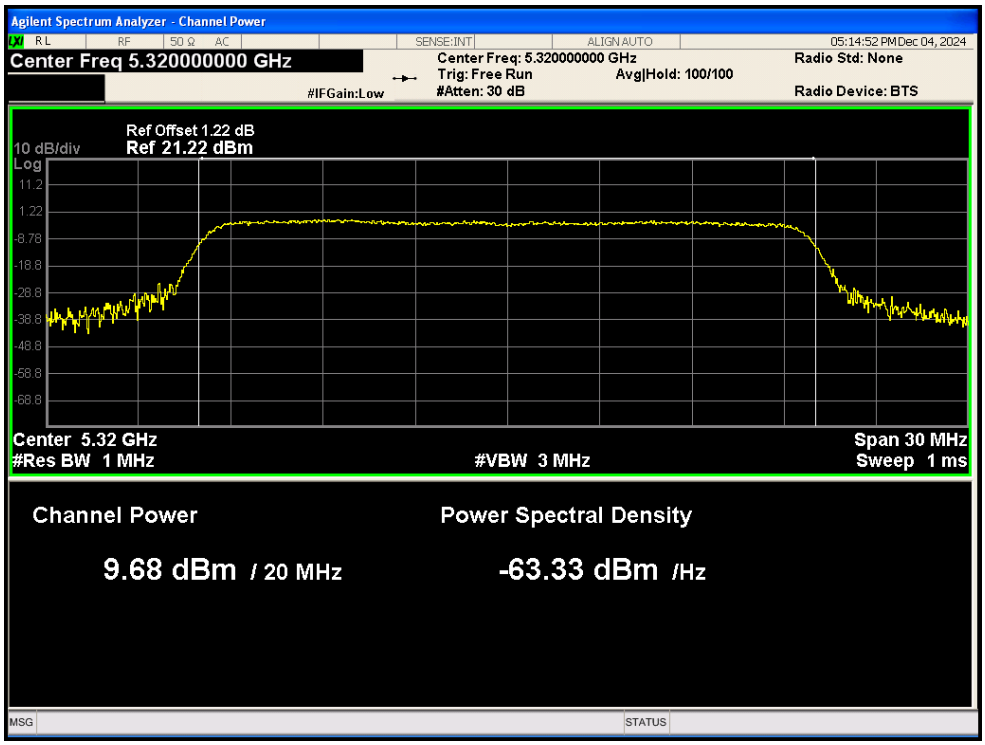
Power NVNT ax20 5260MHz Ant1



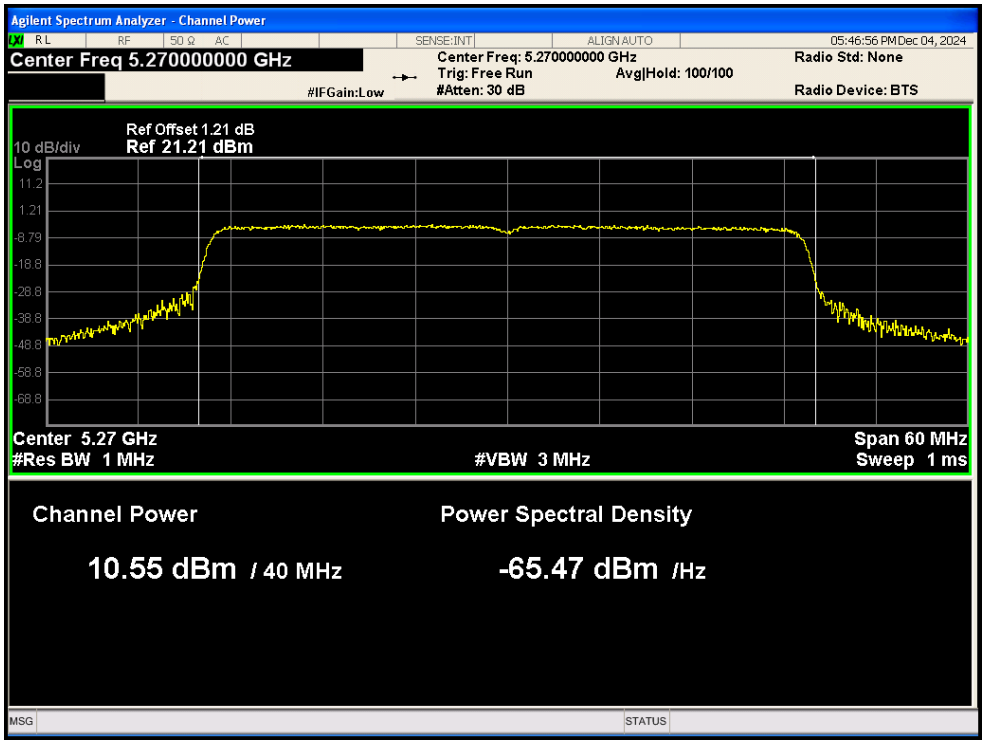
Power NVNT ax20 5280MHz Ant1



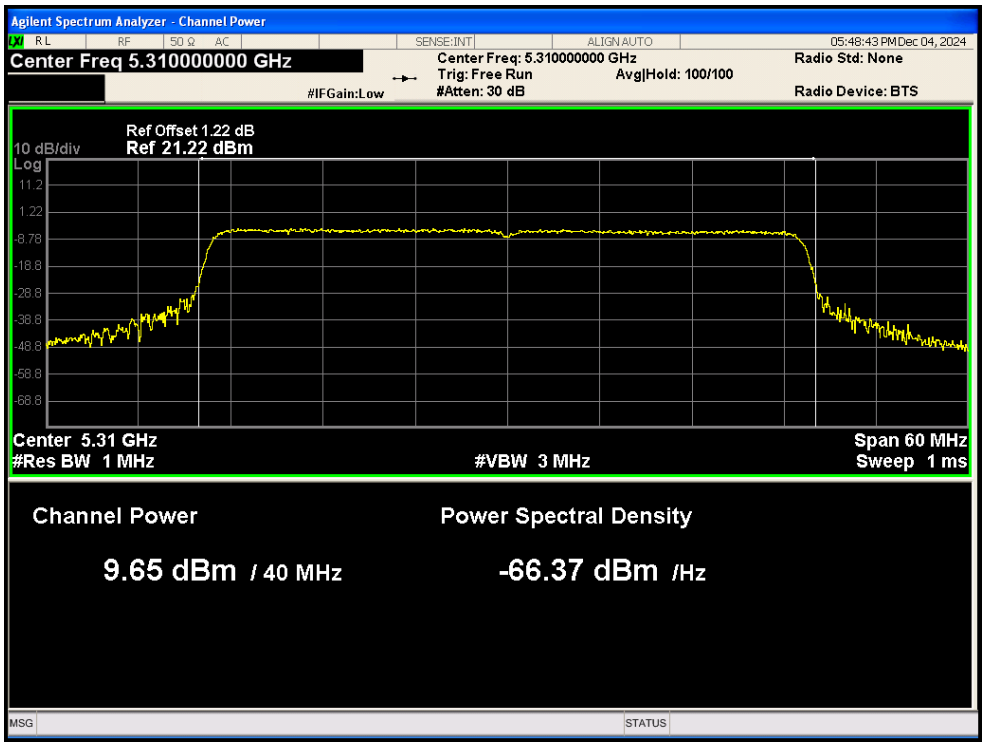
Power NVNT ax20 5320MHz Ant1



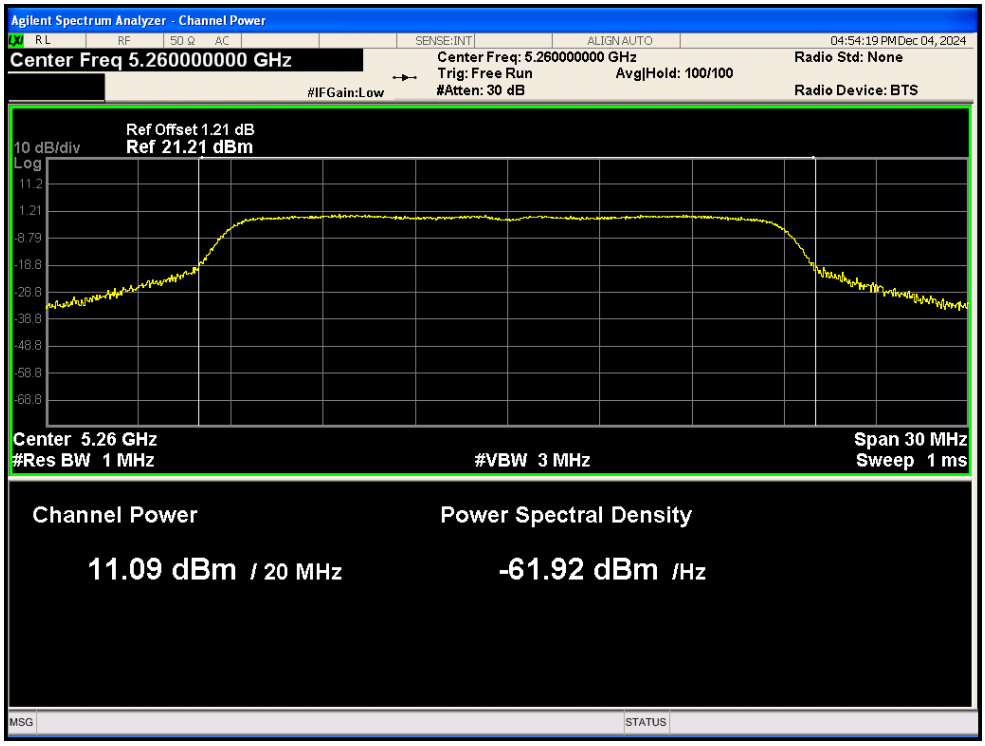
Power NVNT ax40 5270MHz Ant1



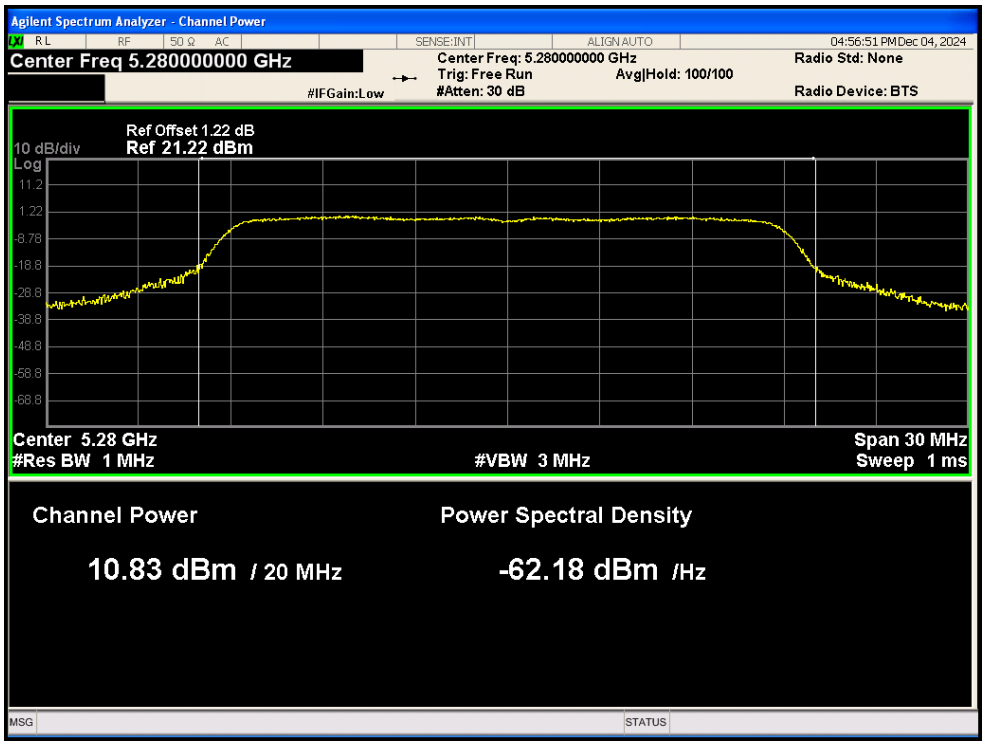
Power NVNT ax40 5310MHz Ant1



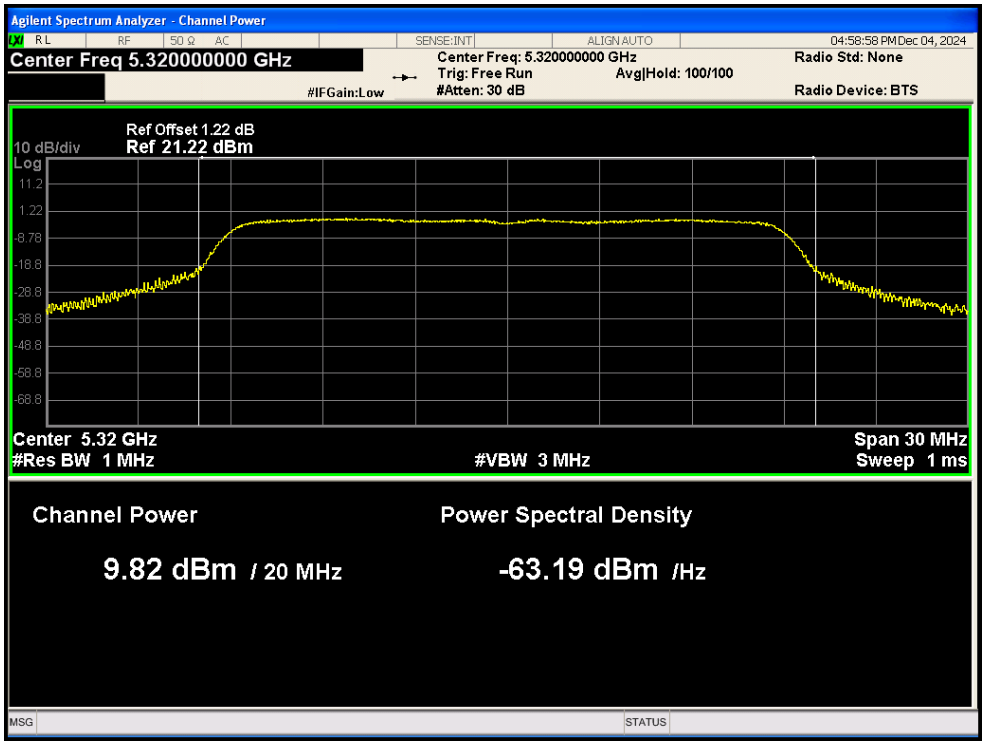
Power NVNT n20 5260MHz Ant1



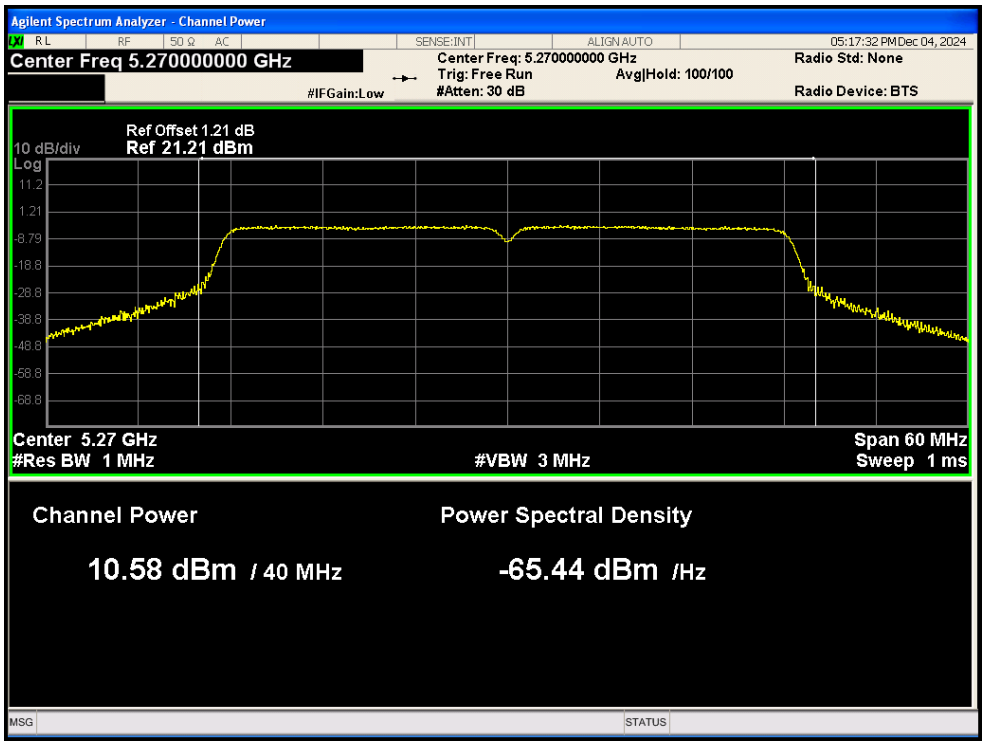
Power NVNT n20 5280MHz Ant1



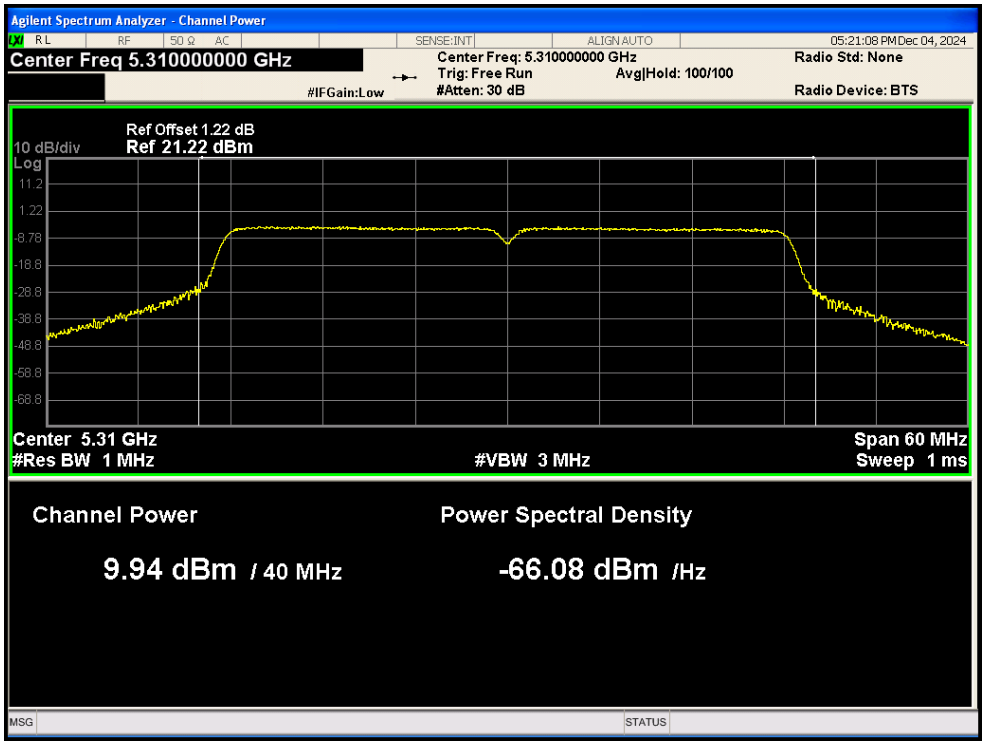
Power NVNT n20 5320MHz Ant1



Power NVNT n40 5270MHz Ant1



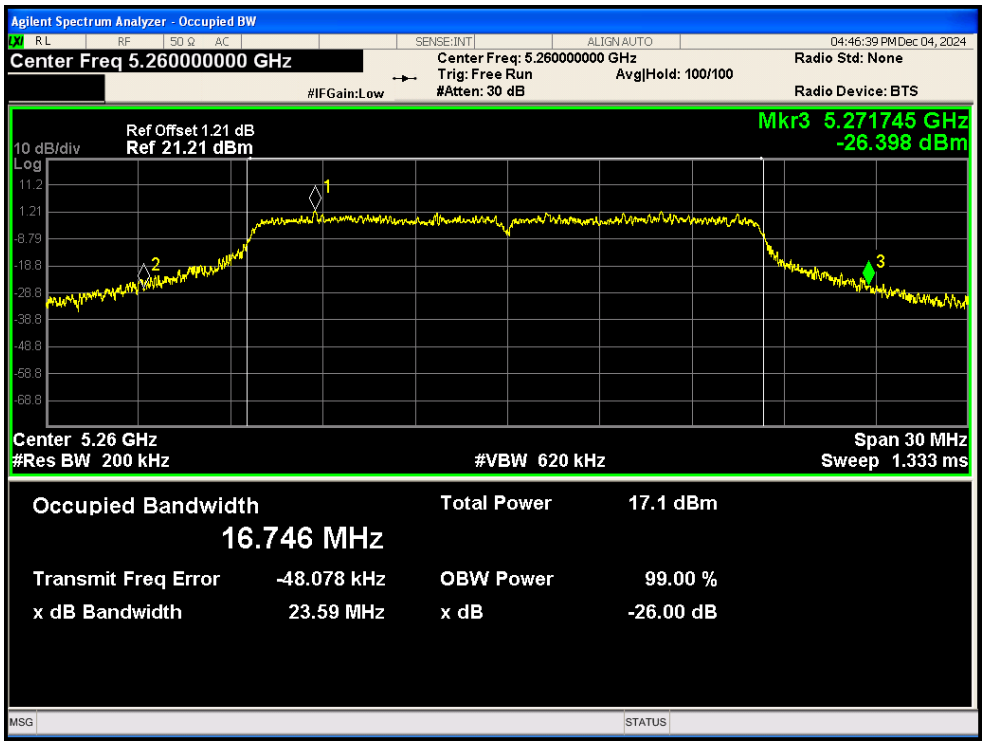
Power NVNT n40 5310MHz Ant1



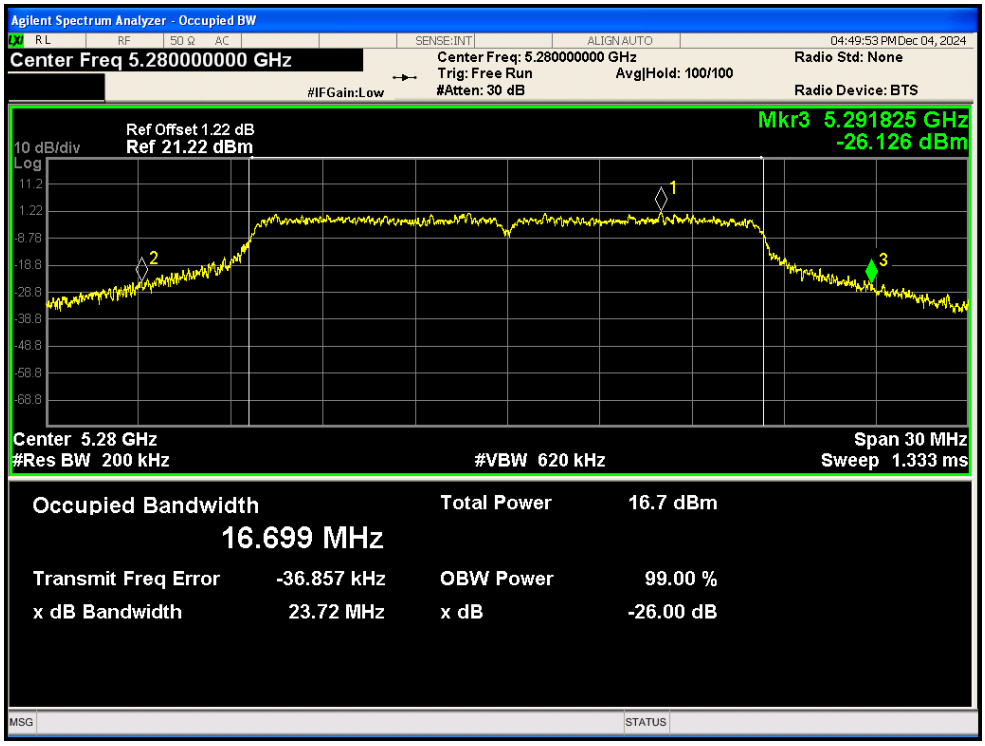
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	23.586	0.5	Pass
NVNT	a	5280	Ant1	23.723	0.5	Pass
NVNT	a	5320	Ant1	23.444	0.5	Pass
NVNT	ac20	5260	Ant1	24.379	0.5	Pass
NVNT	ac20	5280	Ant1	24.059	0.5	Pass
NVNT	ac20	5320	Ant1	24.024	0.5	Pass
NVNT	ac40	5270	Ant1	47.615	0.5	Pass
NVNT	ac40	5310	Ant1	48.103	0.5	Pass
NVNT	ax20	5260	Ant1	24.418	0.5	Pass
NVNT	ax20	5280	Ant1	24.896	0.5	Pass
NVNT	ax20	5320	Ant1	25.137	0.5	Pass
NVNT	ax40	5270	Ant1	44.382	0.5	Pass
NVNT	ax40	5310	Ant1	44.841	0.5	Pass
NVNT	n20	5260	Ant1	24.587	0.5	Pass
NVNT	n20	5280	Ant1	23.972	0.5	Pass
NVNT	n20	5320	Ant1	24.508	0.5	Pass
NVNT	n40	5270	Ant1	45.952	0.5	Pass
NVNT	n40	5310	Ant1	46.772	0.5	Pass

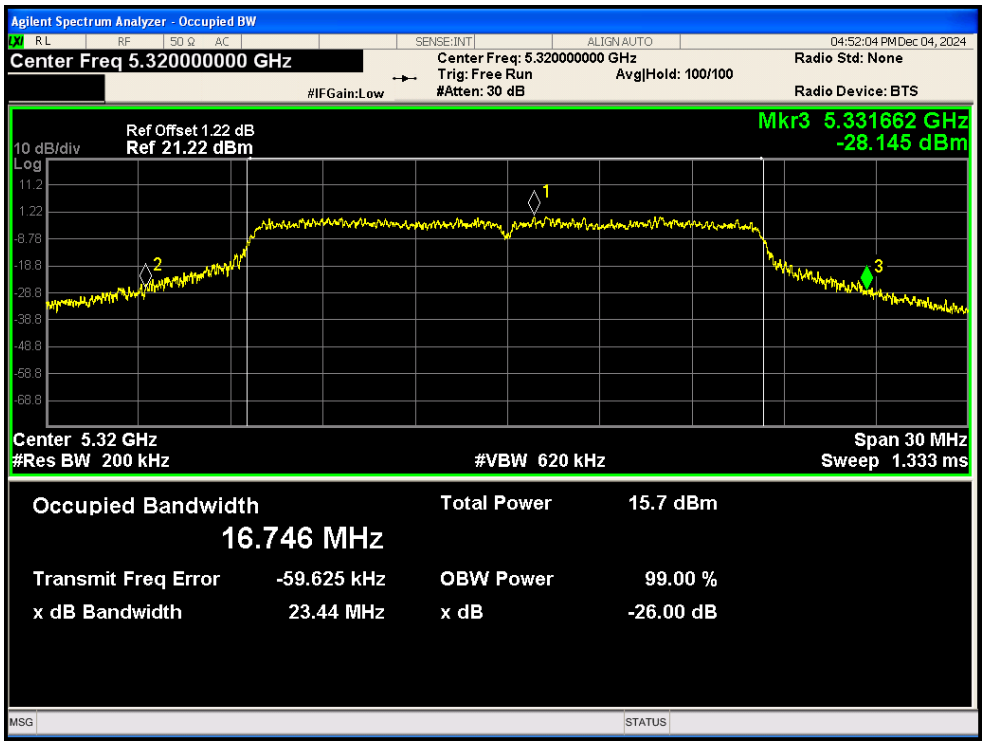
-26dB Bandwidth NVNT a 5260MHz Ant1



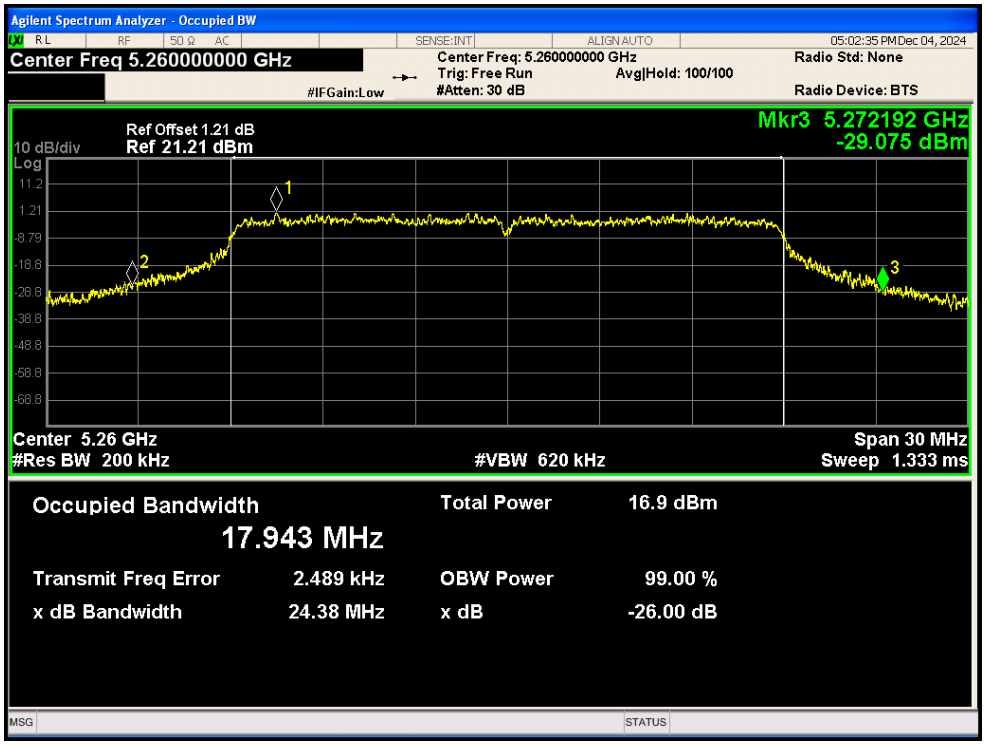
-26dB Bandwidth NVNT a 5280MHz Ant1



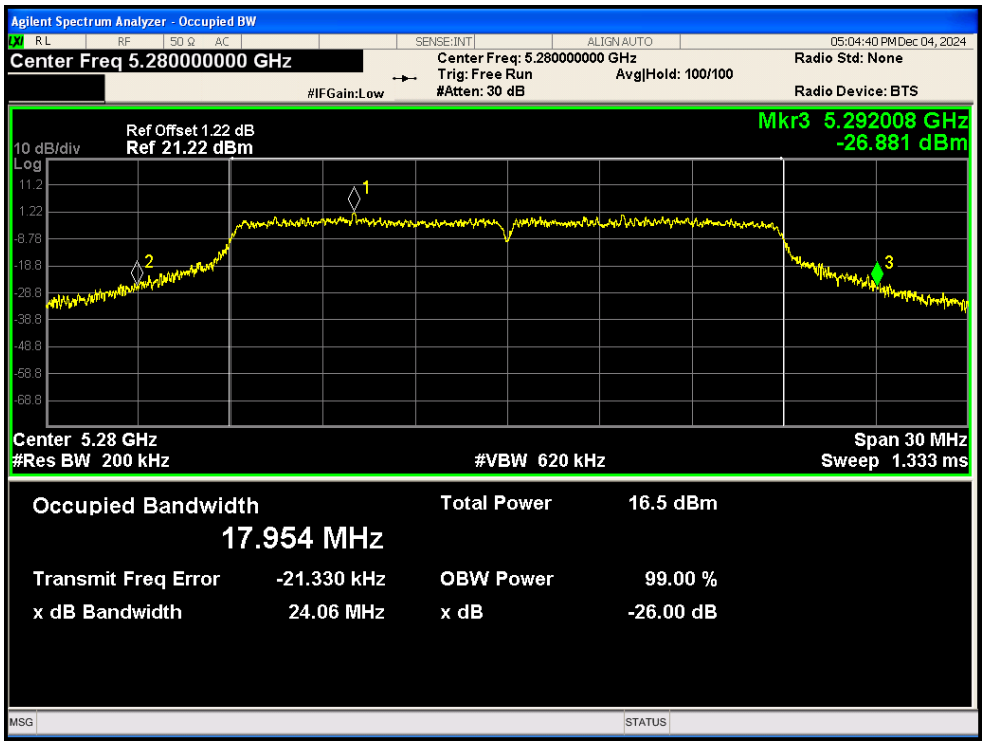
-26dB Bandwidth NVNT a 5320MHz Ant1



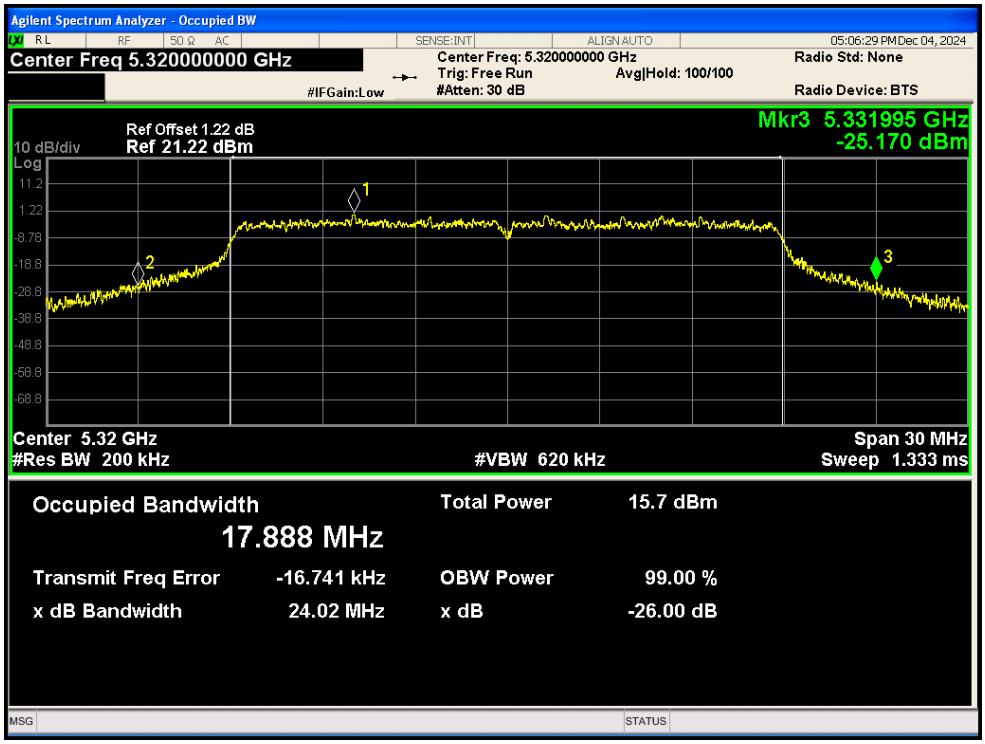
-26dB Bandwidth NVNT ac20 5260MHz Ant1



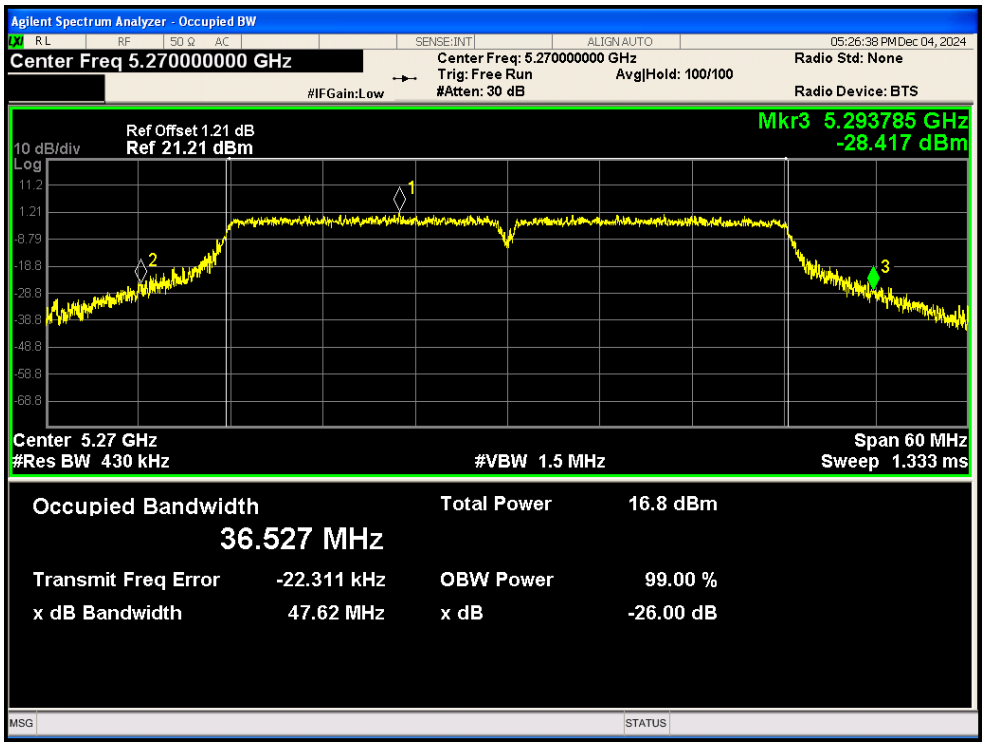
-26dB Bandwidth NVNT ac20 5280MHz Ant1



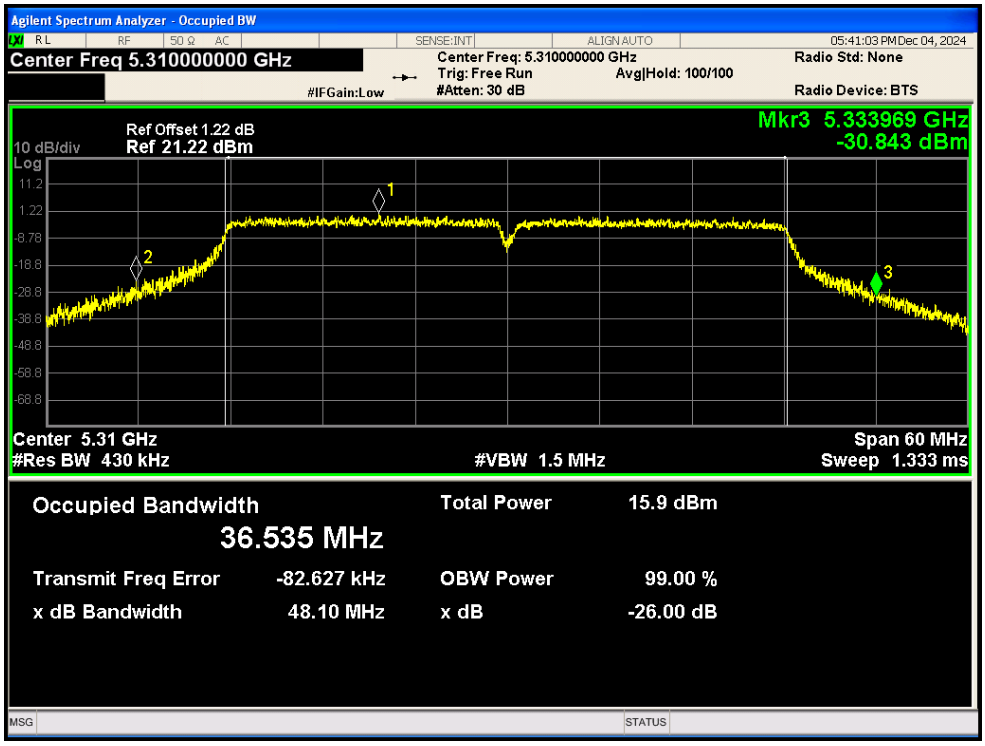
-26dB Bandwidth NVNT ac20 5320MHz Ant1



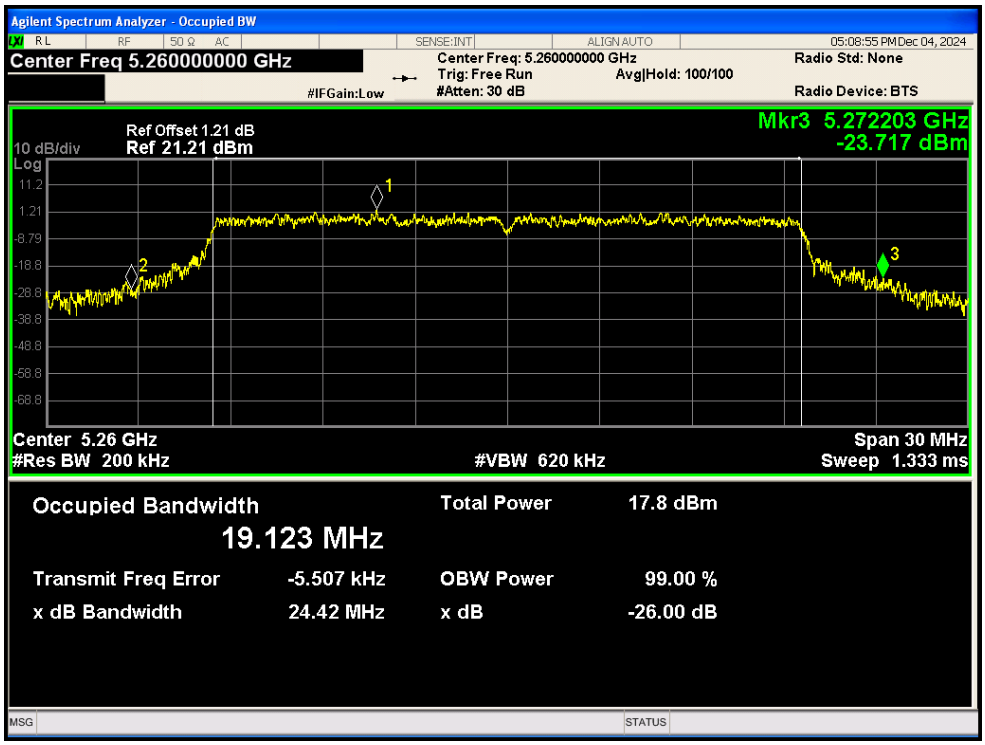
-26dB Bandwidth NVNT ac40 5270MHz Ant1



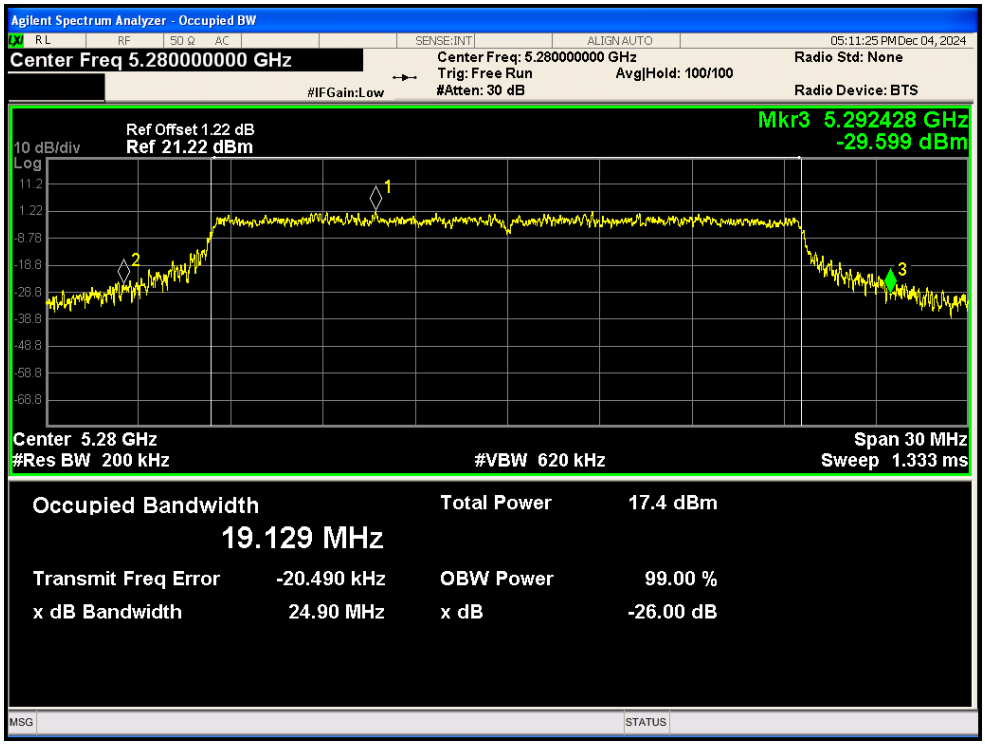
-26dB Bandwidth NVNT ac40 5310MHz Ant1



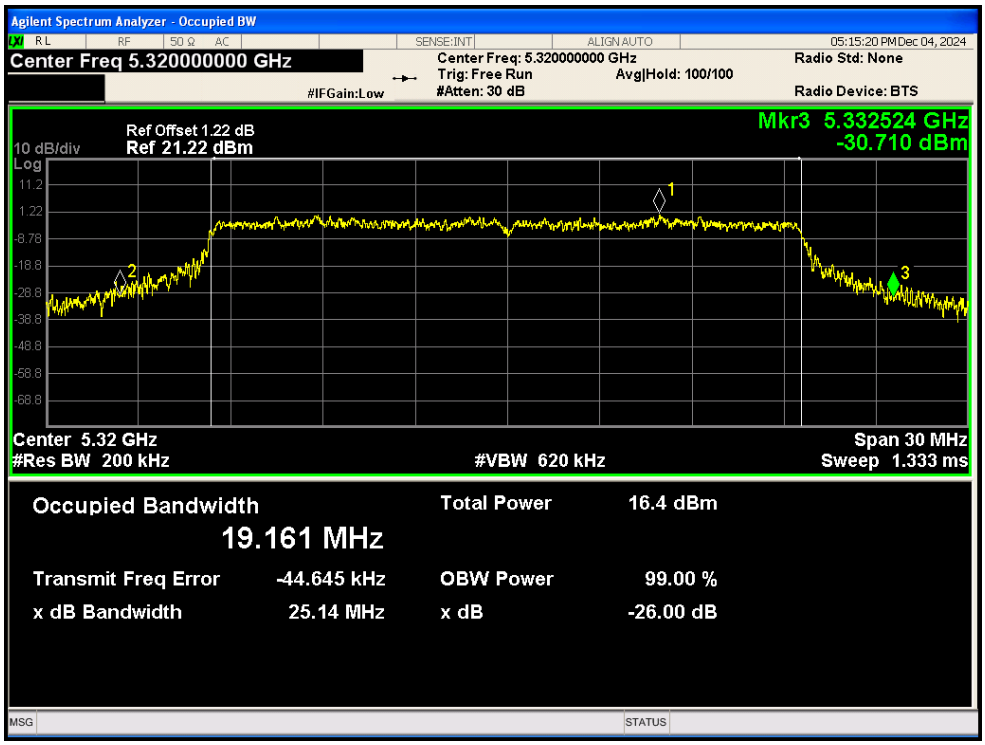
-26dB Bandwidth NVNT ax20 5260MHz Ant1



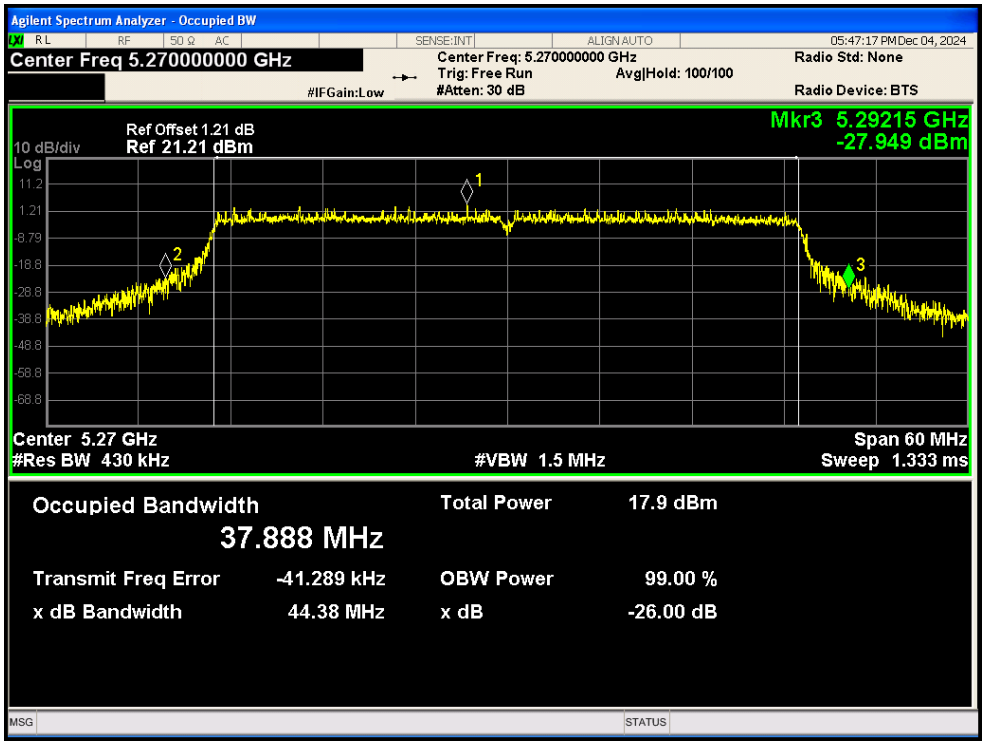
-26dB Bandwidth NVNT ax20 5280MHz Ant1



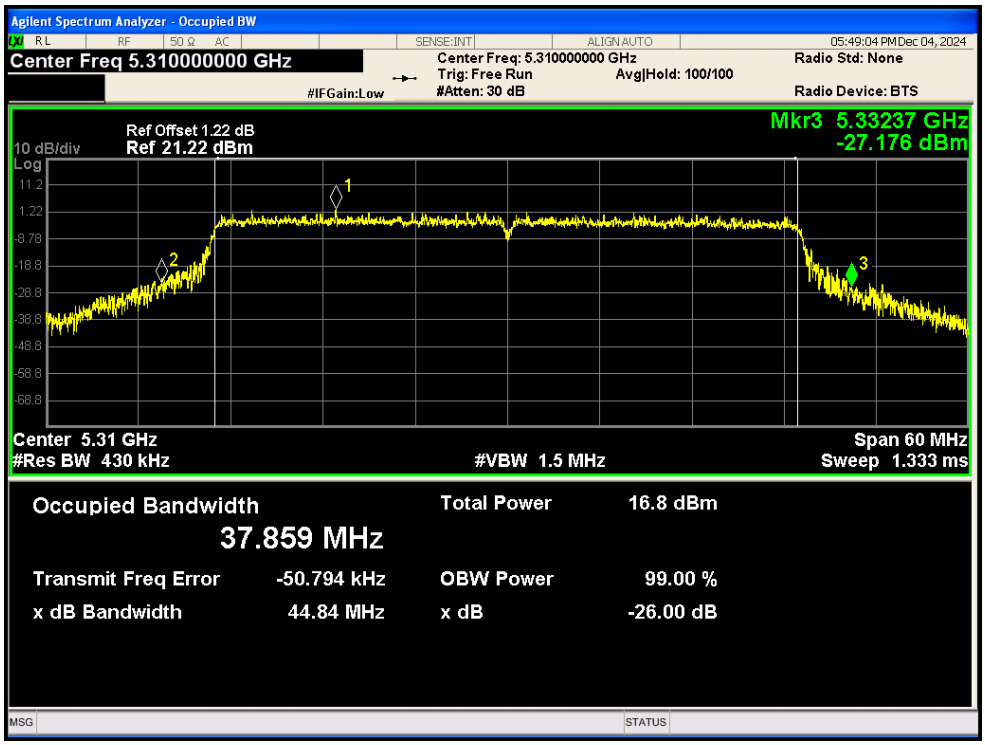
-26dB Bandwidth NVNT ax20 5320MHz Ant1



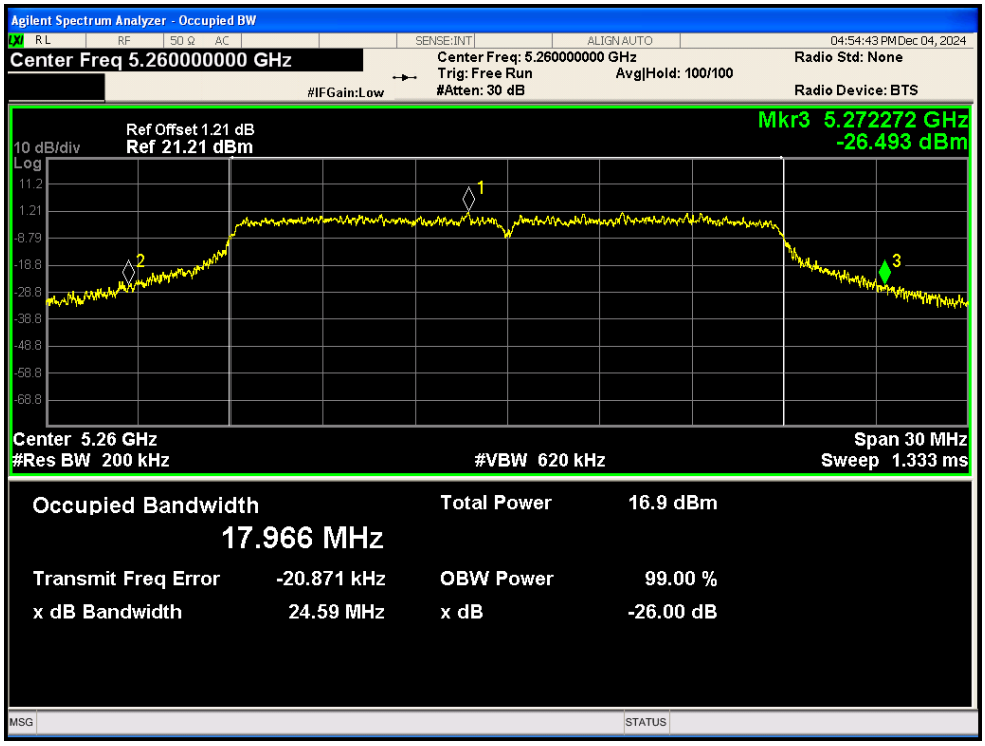
-26dB Bandwidth NVNT ax40 5270MHz Ant1



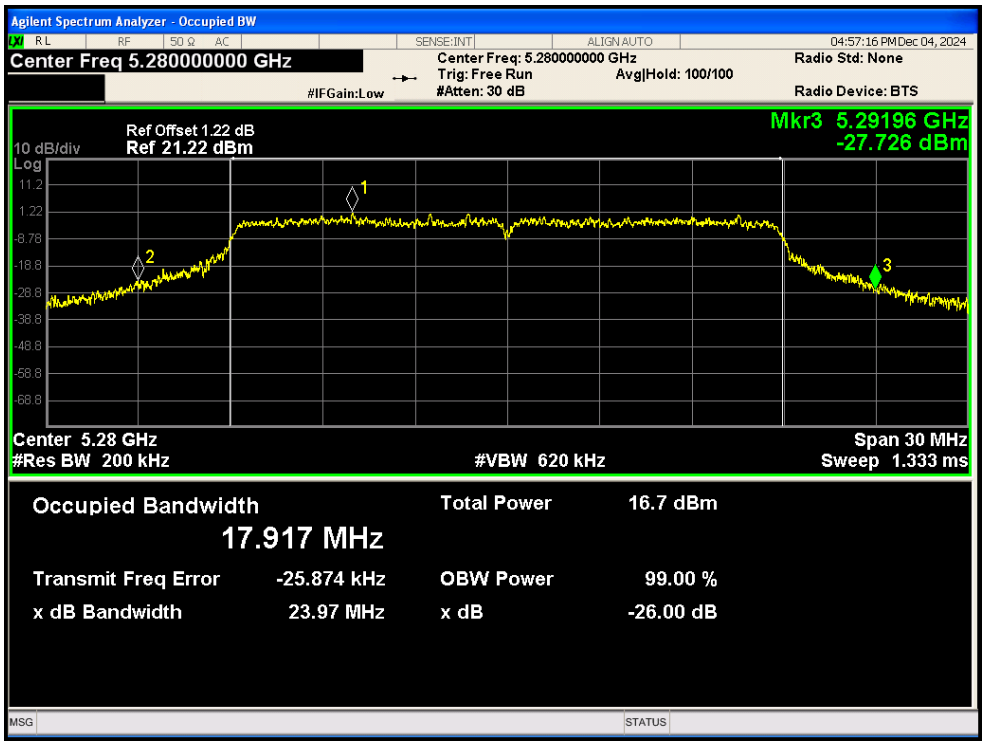
-26dB Bandwidth NVNT ax40 5310MHz Ant1



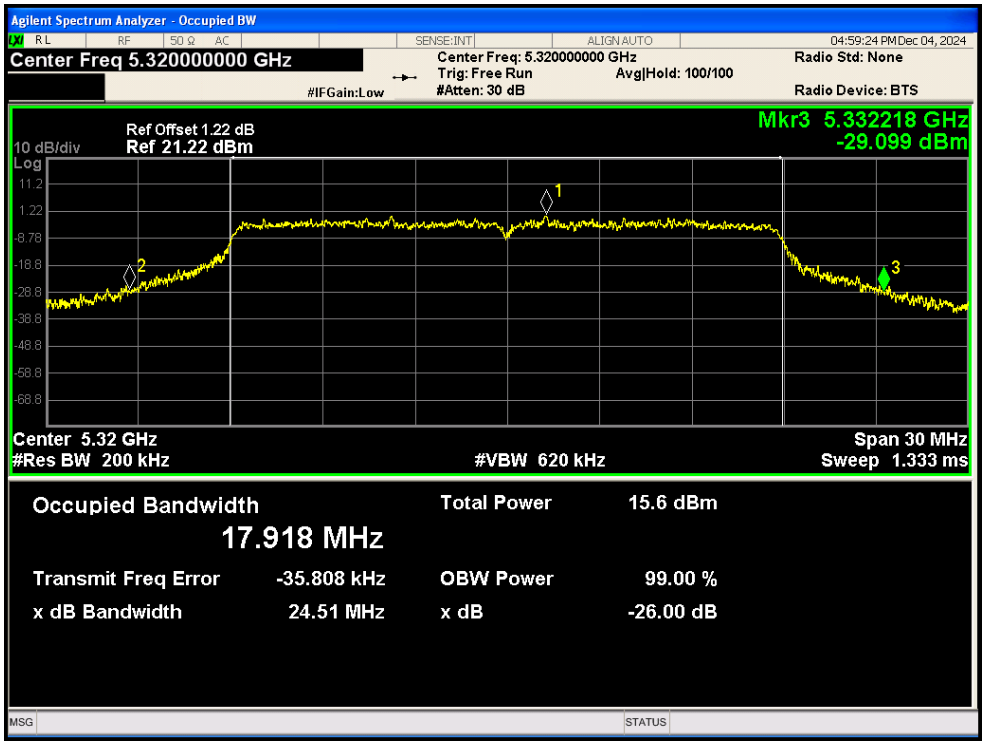
-26dB Bandwidth NVNT n20 5260MHz Ant1



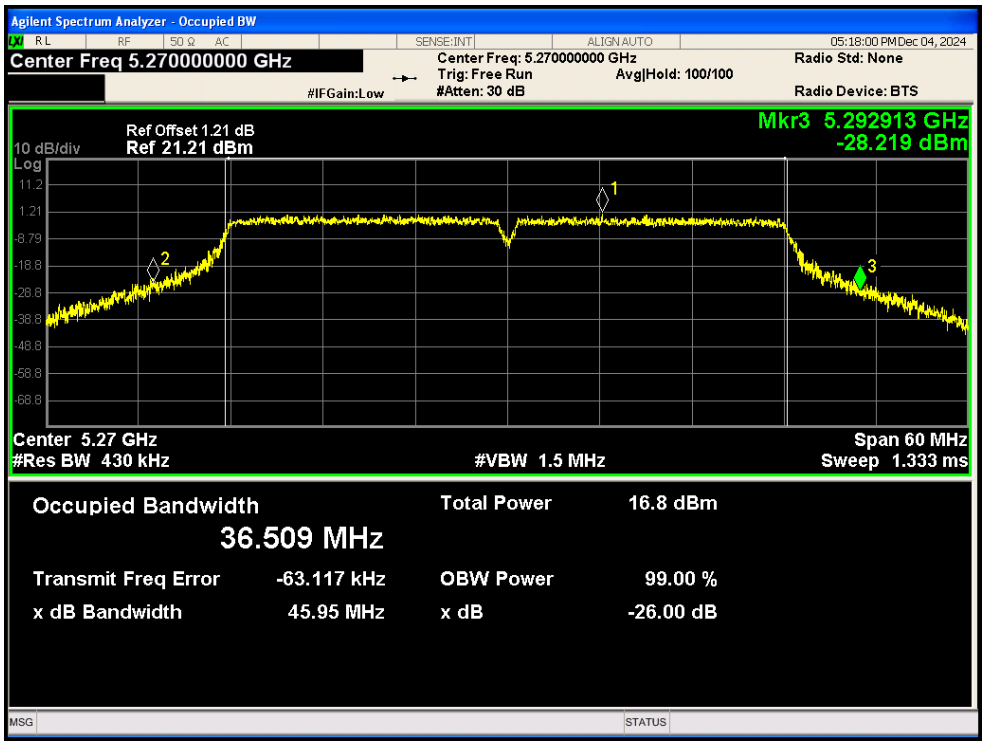
-26dB Bandwidth NVNT n20 5280MHz Ant1



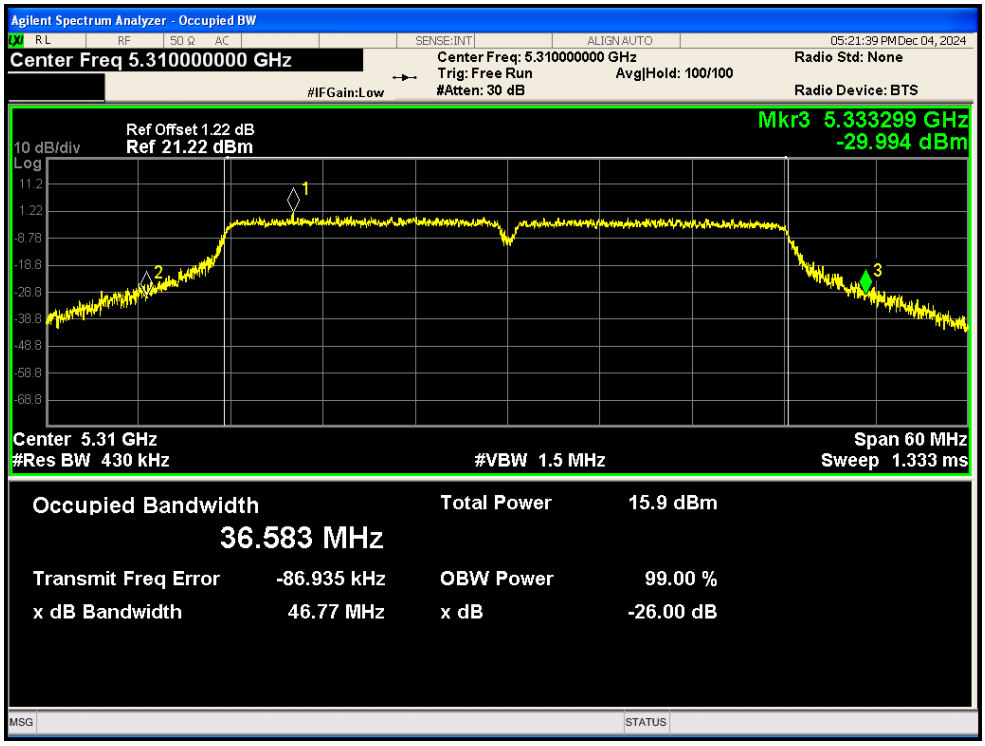
-26dB Bandwidth NVNT n20 5320MHz Ant1



-26dB Bandwidth NVNT n40 5270MHz Ant1



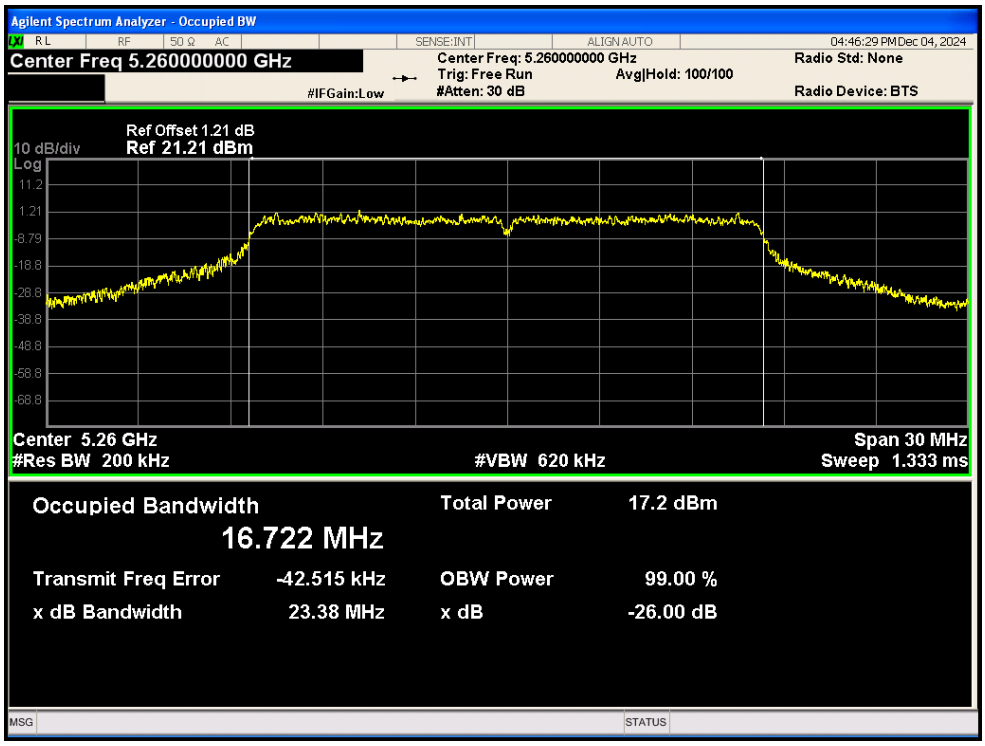
-26dB Bandwidth NVNT n40 5310MHz Ant1



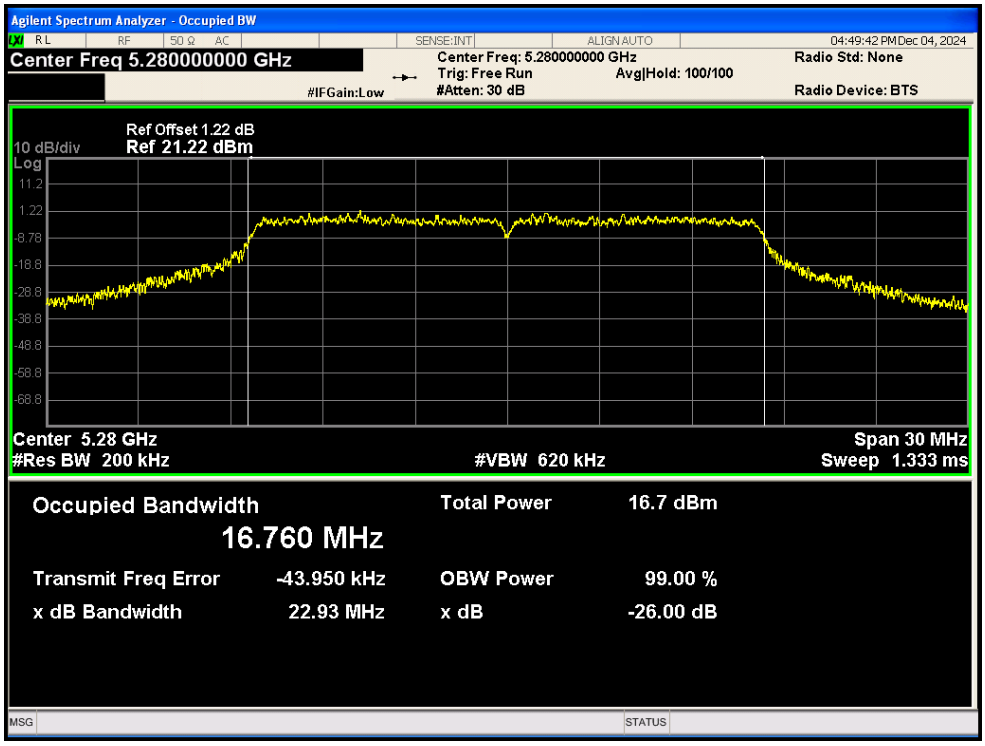
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.722
NVNT	a	5280	Ant1	16.76
NVNT	a	5320	Ant1	16.741
NVNT	ac20	5260	Ant1	17.92
NVNT	ac20	5280	Ant1	17.926
NVNT	ac20	5320	Ant1	17.951
NVNT	ac40	5270	Ant1	36.53
NVNT	ac40	5310	Ant1	36.527
NVNT	ax20	5260	Ant1	19.147
NVNT	ax20	5280	Ant1	19.139
NVNT	ax20	5320	Ant1	19.113
NVNT	ax40	5270	Ant1	37.897
NVNT	ax40	5310	Ant1	37.916
NVNT	n20	5260	Ant1	17.892
NVNT	n20	5280	Ant1	17.924
NVNT	n20	5320	Ant1	17.958
NVNT	n40	5270	Ant1	36.494
NVNT	n40	5310	Ant1	36.475

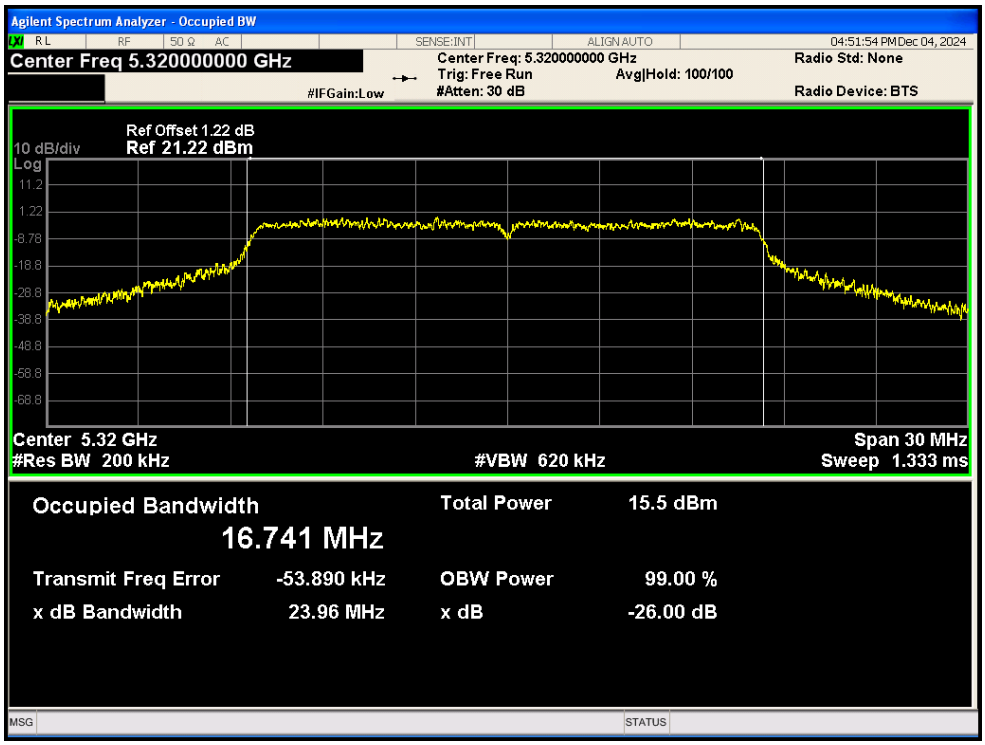
OBW NVNT a 5260MHz Ant1



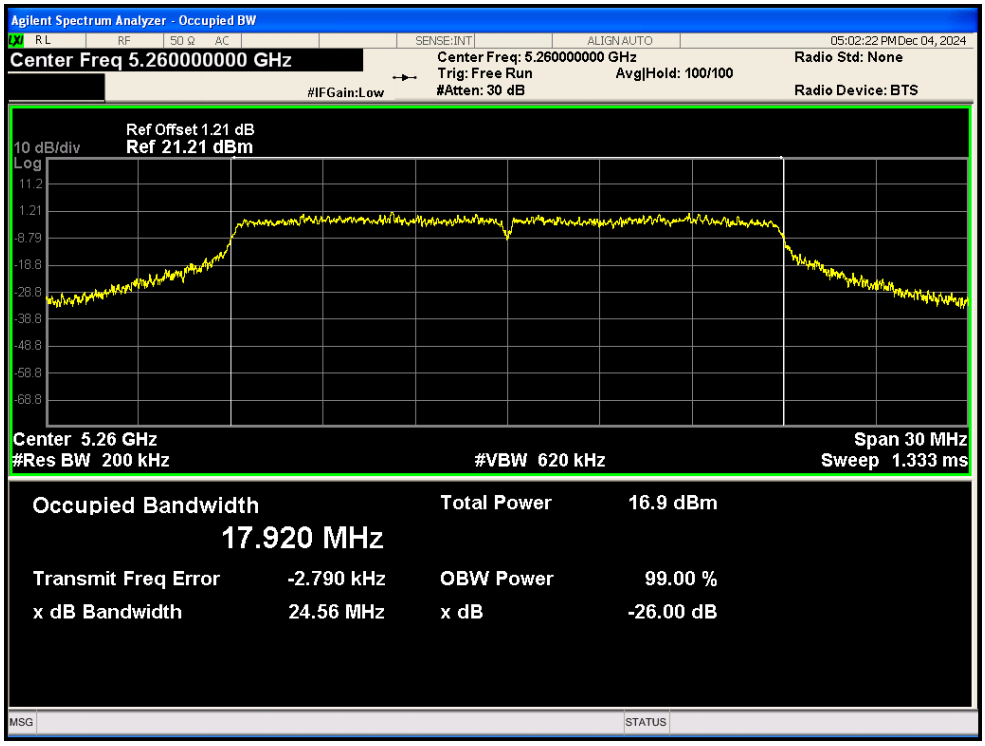
OBW NVNT a 5280MHz Ant1



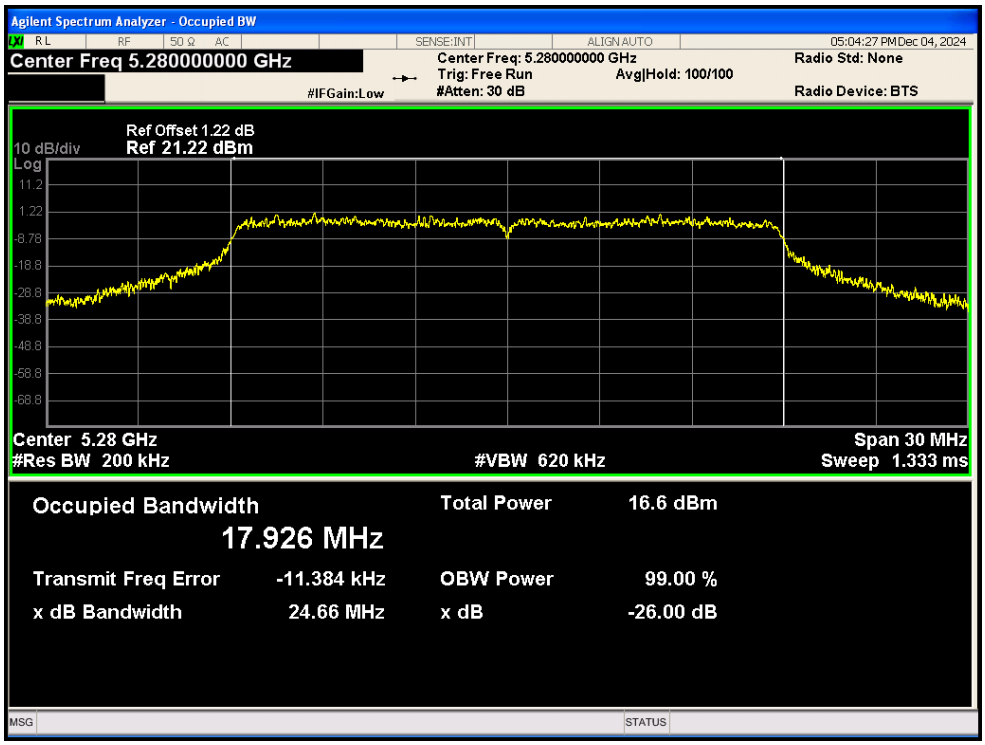
OBW NVNT a 5320MHz Ant1



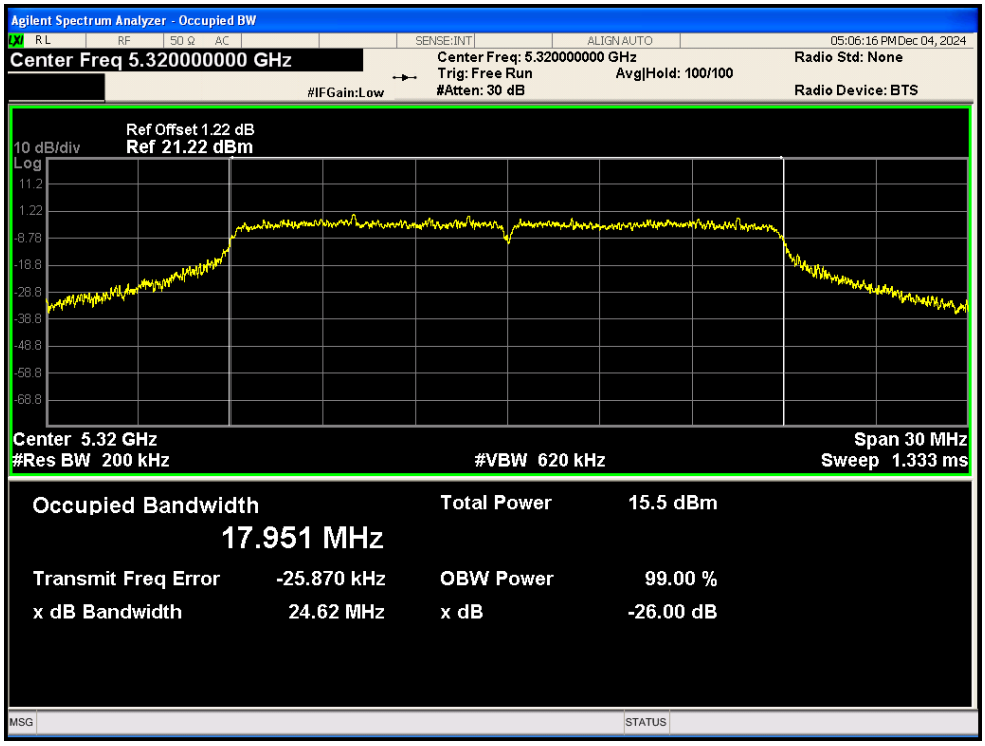
OBW NVNT ac20 5260MHz Ant1



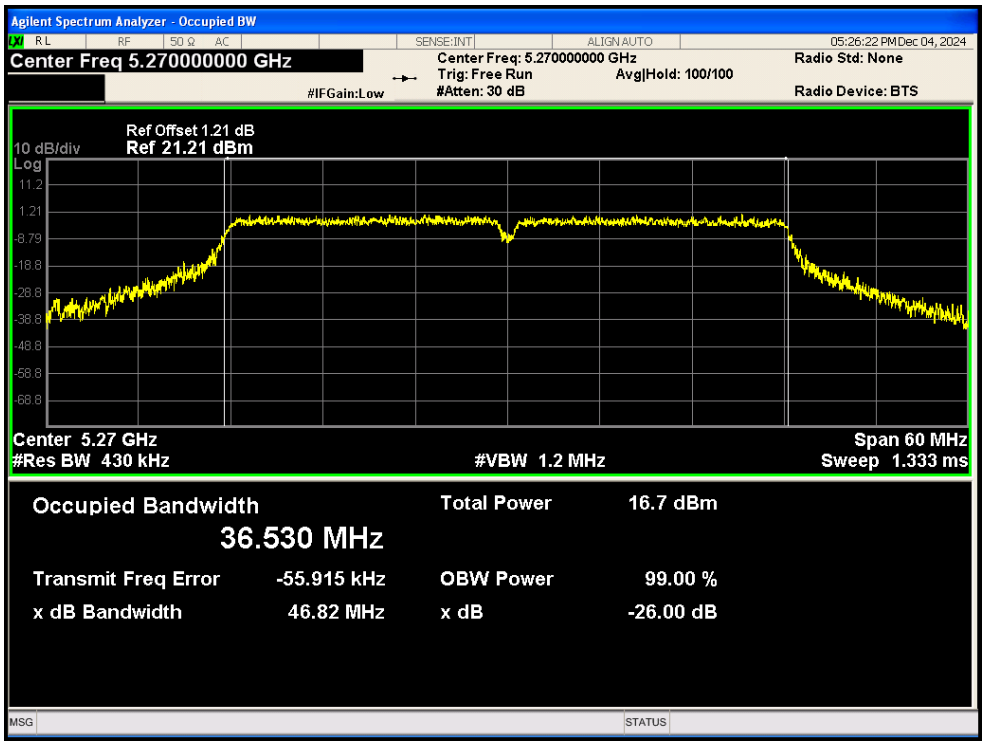
OBW NVNT ac20 5280MHz Ant1



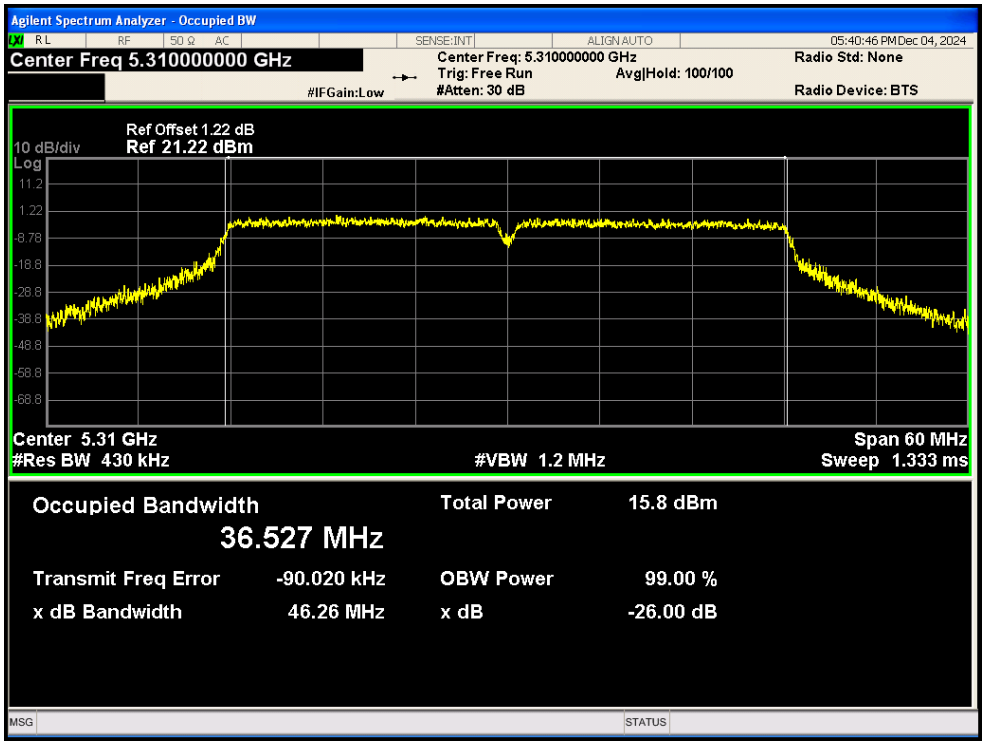
OBW NVNT ac20 5320MHz Ant1



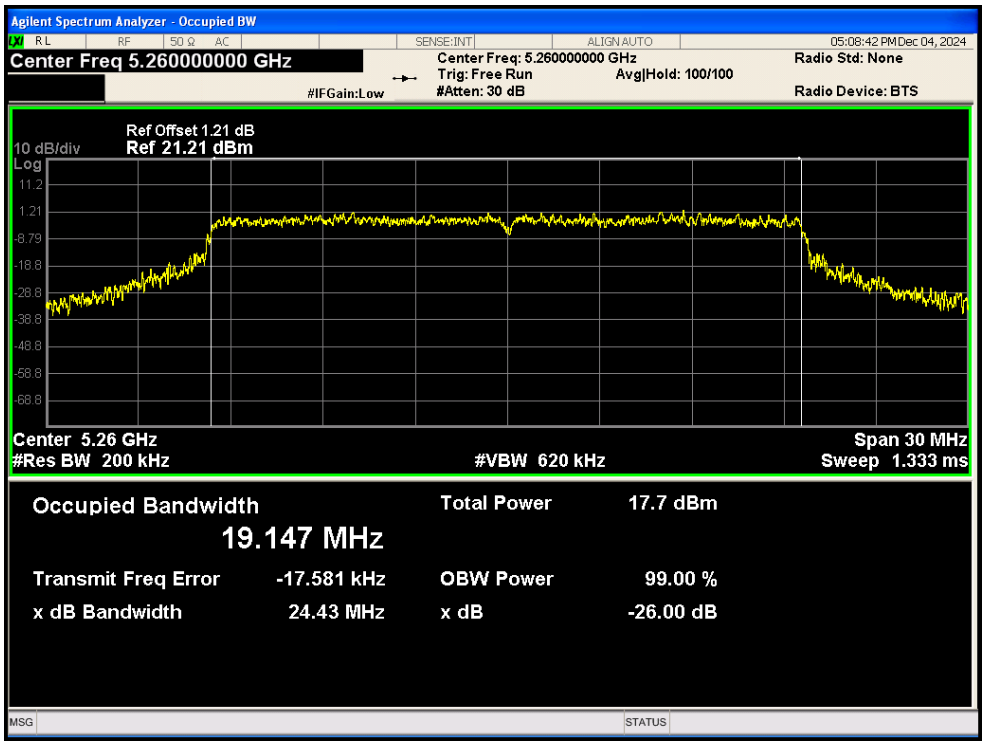
OBW NVNT ac40 5270MHz Ant1



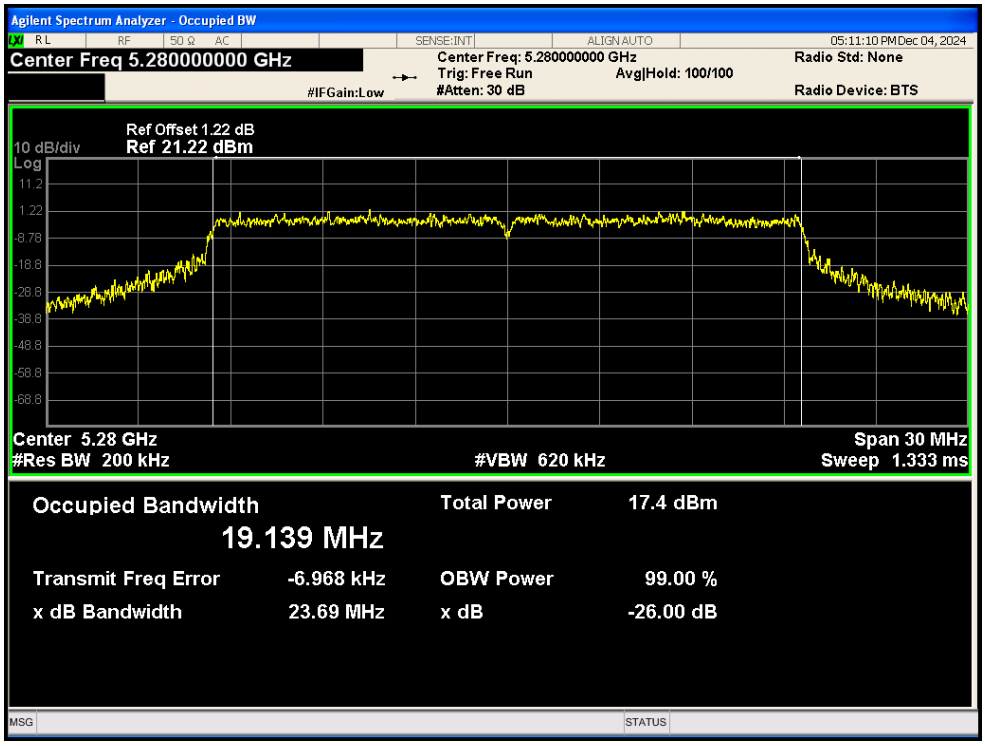
OBW NVNT ac40 5310MHz Ant1



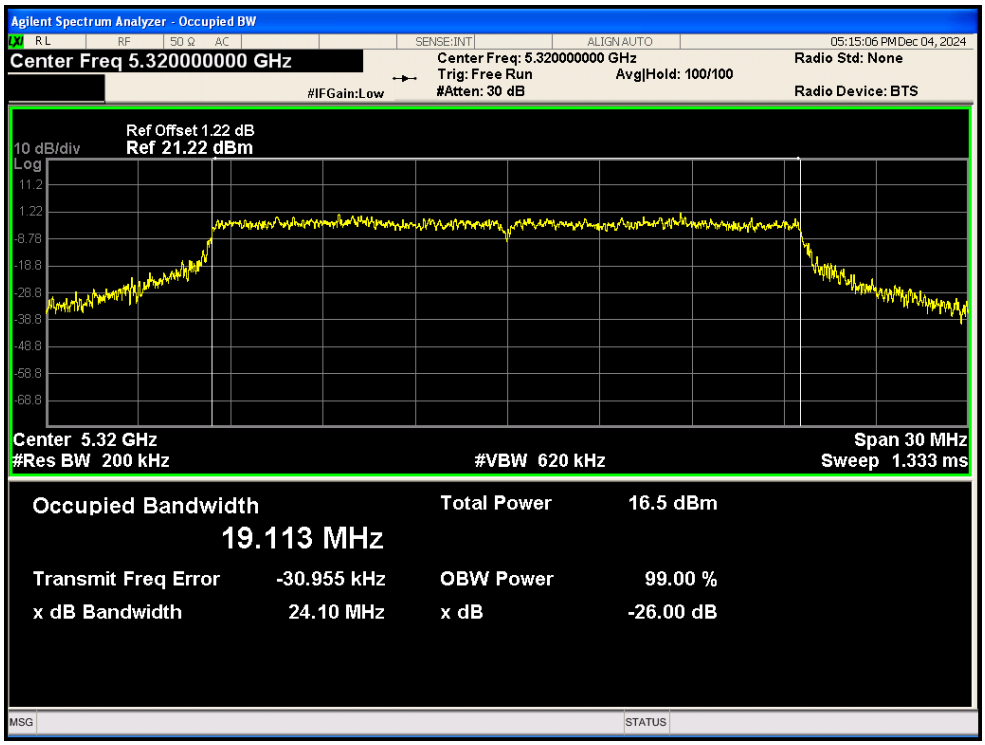
OBW NVNT ax20 5260MHz Ant1



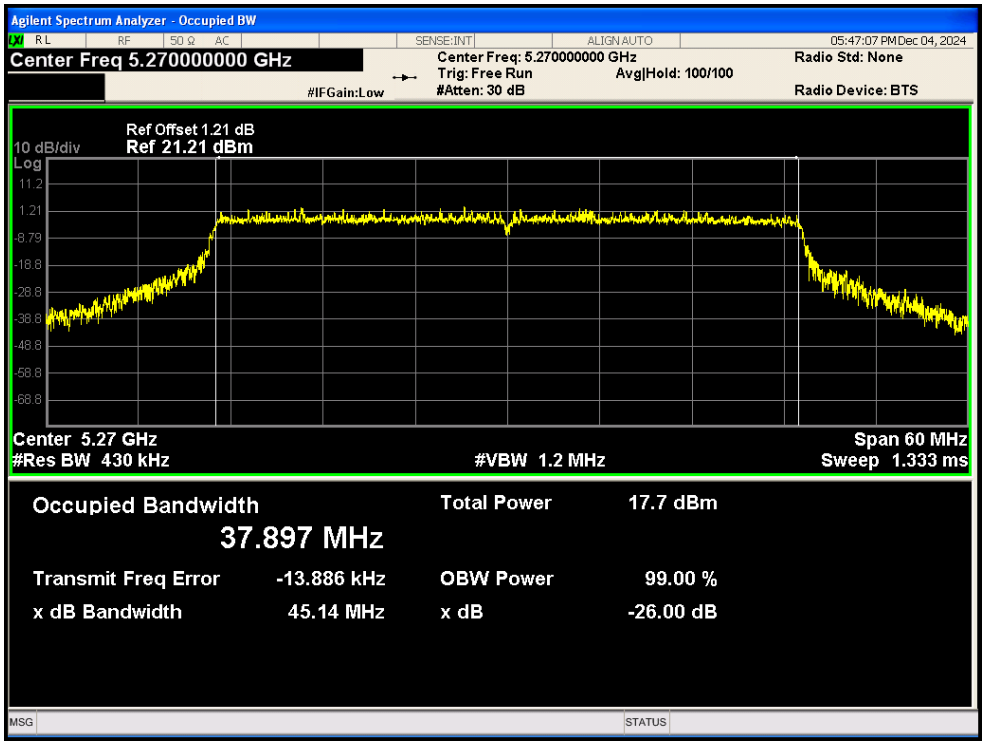
OBW NVNT ax20 5280MHz Ant1



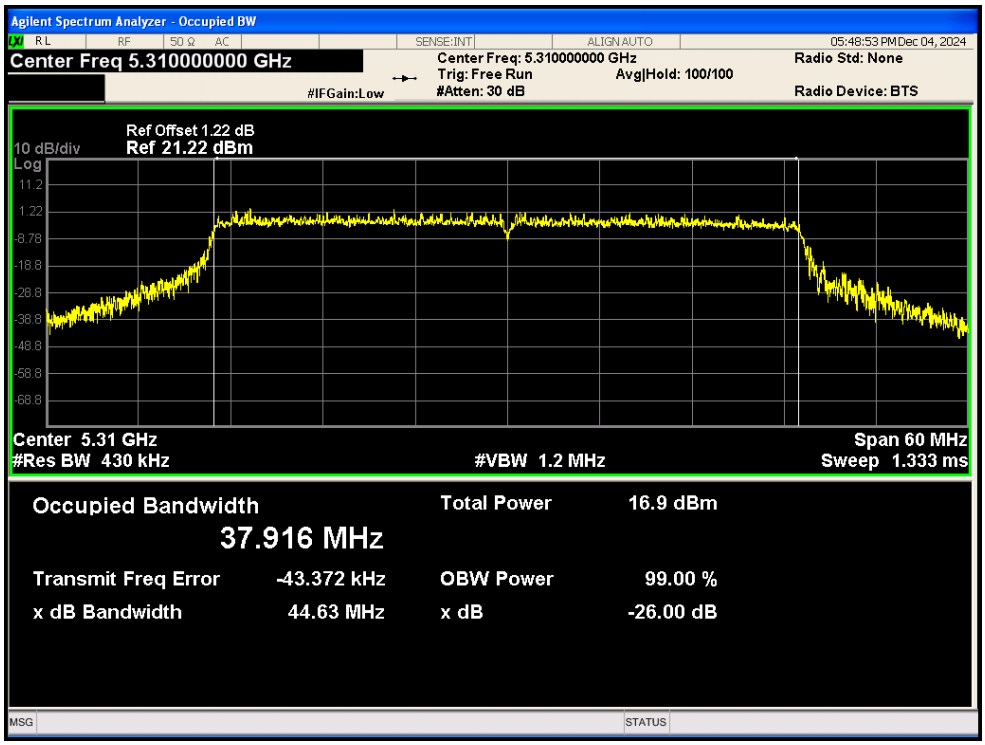
OBW NVNT ax20 5320MHz Ant1



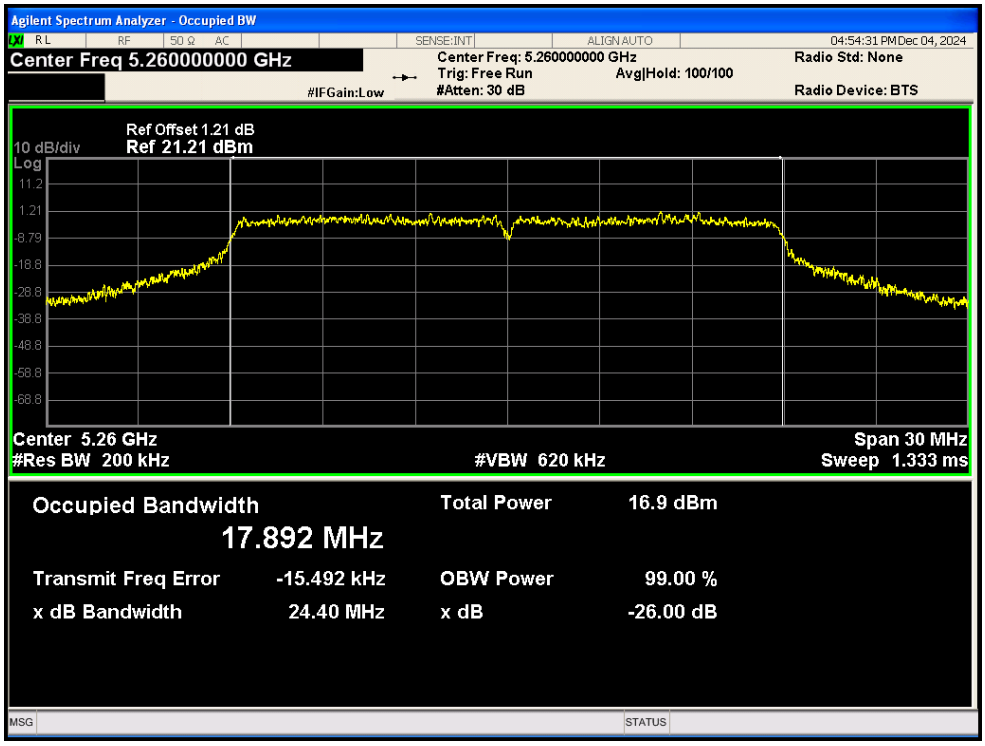
OBW NVNT ax40 5270MHz Ant1



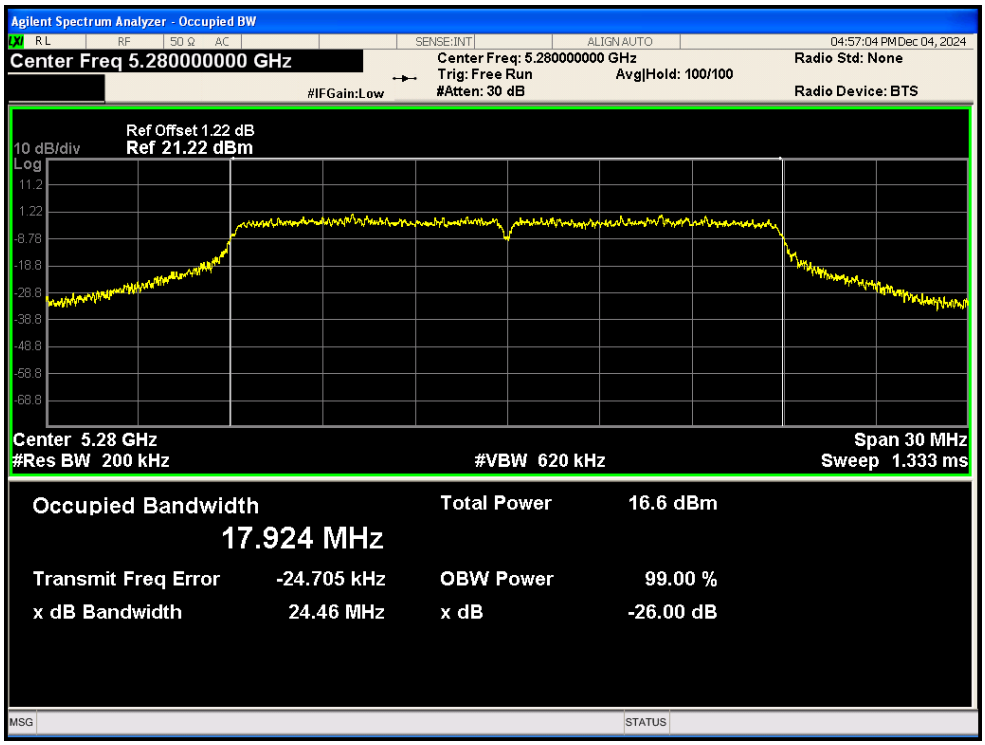
OBW NVNT ax40 5310MHz Ant1



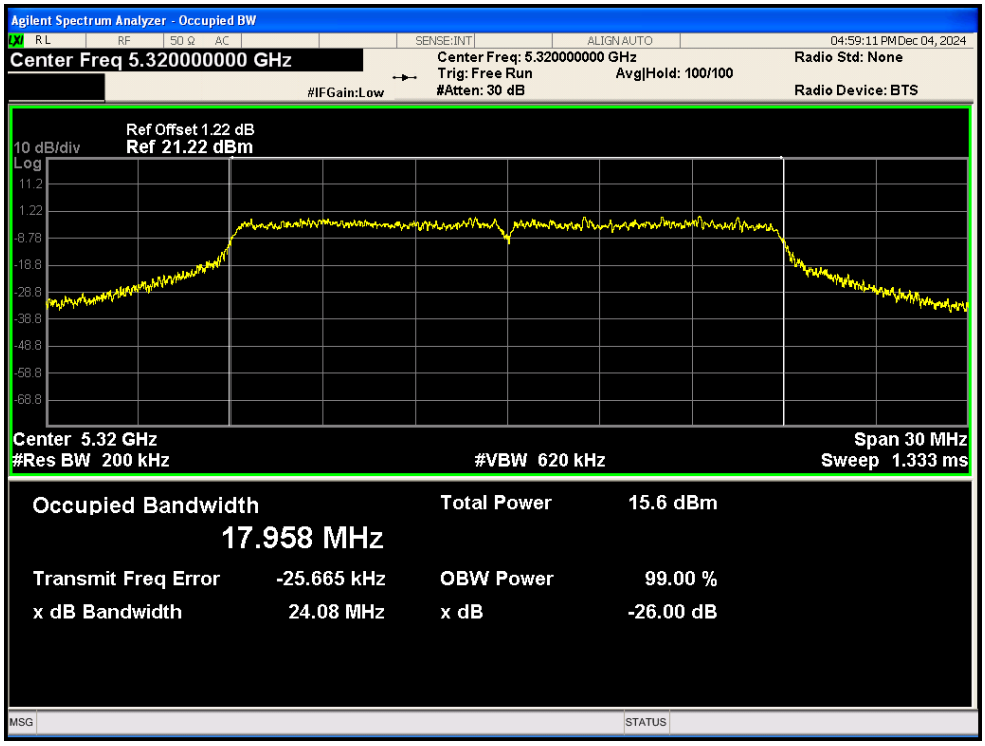
OBW NVNT n20 5260MHz Ant1



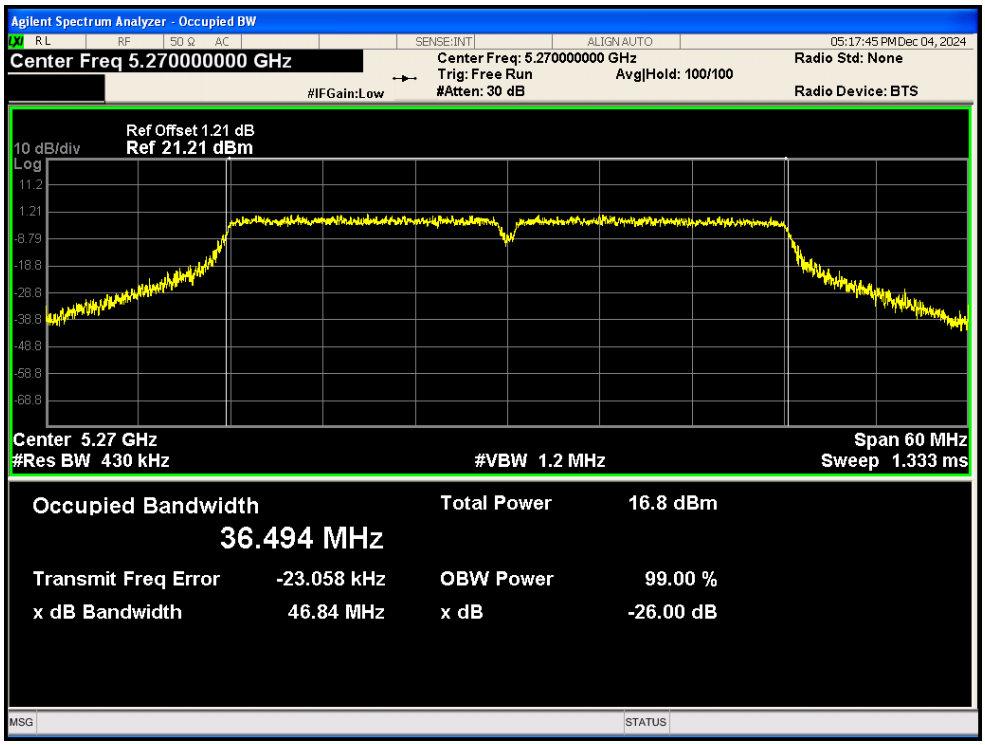
OBW NVNT n20 5280MHz Ant1



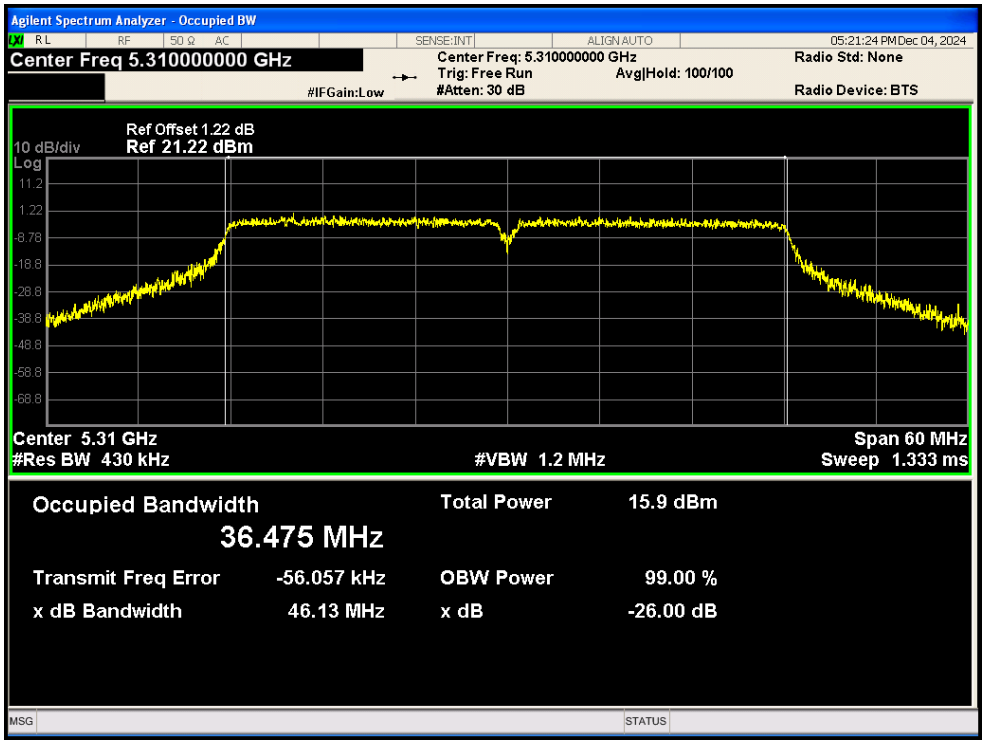
OBW NVNT n20 5320MHz Ant1



OBW NVNT n40 5270MHz Ant1



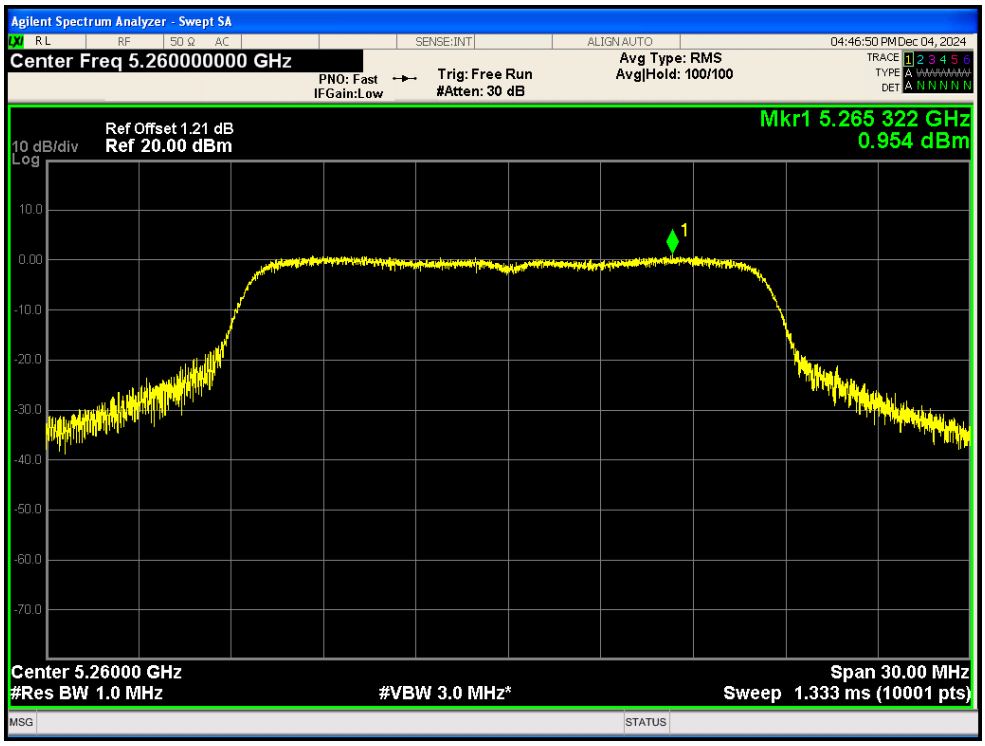
OBW NVNT n40 5310MHz Ant1


Agilent Spectrum Analyzer - Occupied BW
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
05:21:24 PM Dec 04, 2024
Center Freq 5.310000000 GHz
Center Freq: 5.310000000 GHz
Trig: Free Run
Avg|Hold: 100/100
#Atten: 30 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Ref Offset 1.22 dB
10 dB/div
Ref 21.22 dBm
Log
11.2
1.22
-8.78
-18.8
-28.8
-38.8
-48.8
-58.8
-68.8
Center 5.31 GHz
#Res BW 430 kHz
#VBW 1.2 MHz
Span 60 MHz
Sweep 1.333 ms
Occupied Bandwidth
36.475 MHz
Total Power 15.9 dBm
Transmit Freq Error -56.057 kHz
OBW Power 99.00 %
x dB Bandwidth 46.13 MHz
x dB -26.00 dB
MSG
STATUS

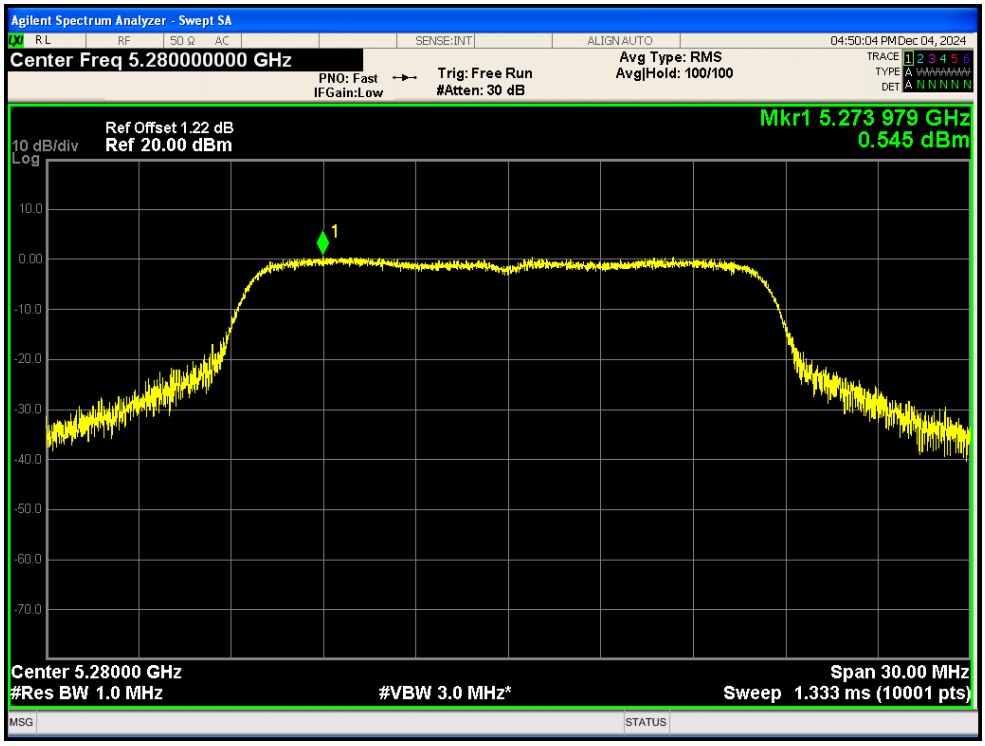
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	0.954	11	Pass
NVNT	a	5280	Ant1	0.545	11	Pass
NVNT	a	5320	Ant1	-0.634	11	Pass
NVNT	ac20	5260	Ant1	0.429	11	Pass
NVNT	ac20	5280	Ant1	0.279	11	Pass
NVNT	ac20	5320	Ant1	-0.872	11	Pass
NVNT	ac40	5270	Ant1	-3.229	11	Pass
NVNT	ac40	5310	Ant1	-3.988	11	Pass
NVNT	ax20	5260	Ant1	0.062	11	Pass
NVNT	ax20	5280	Ant1	-0.115	11	Pass
NVNT	ax20	5320	Ant1	-1.257	11	Pass
NVNT	ax40	5270	Ant1	-3.314	11	Pass
NVNT	ax40	5310	Ant1	-4.112	11	Pass
NVNT	n20	5260	Ant1	0.769	11	Pass
NVNT	n20	5280	Ant1	0.307	11	Pass
NVNT	n20	5320	Ant1	-0.464	11	Pass
NVNT	n40	5270	Ant1	-3.15	11	Pass
NVNT	n40	5310	Ant1	-3.733	11	Pass

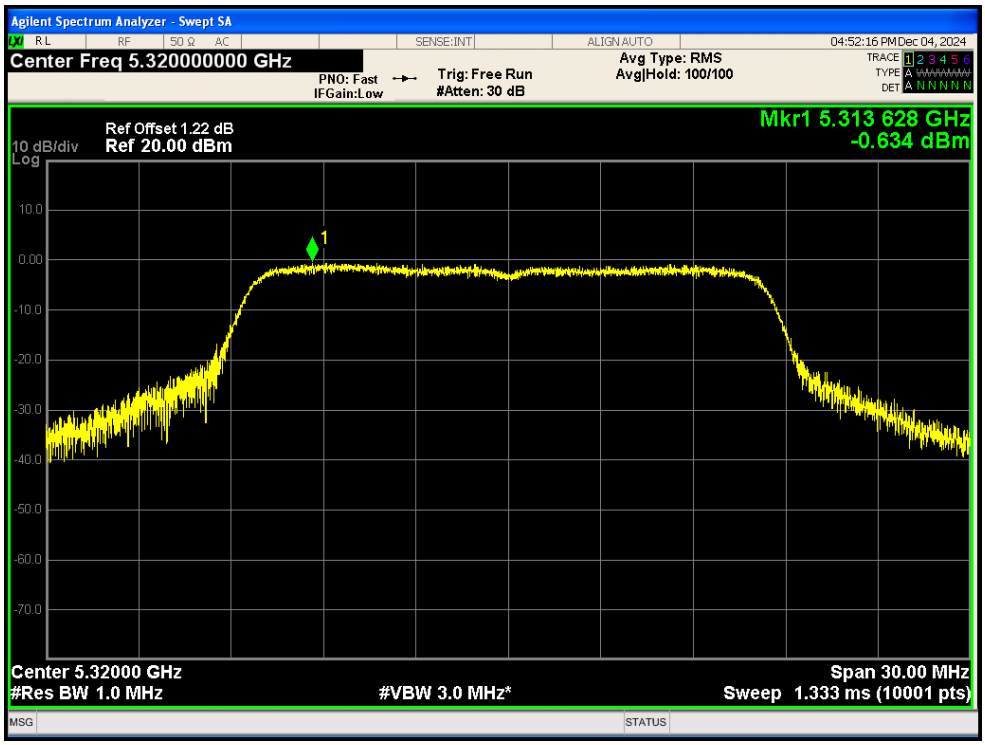
PSD NVNT a 5260MHz Ant1



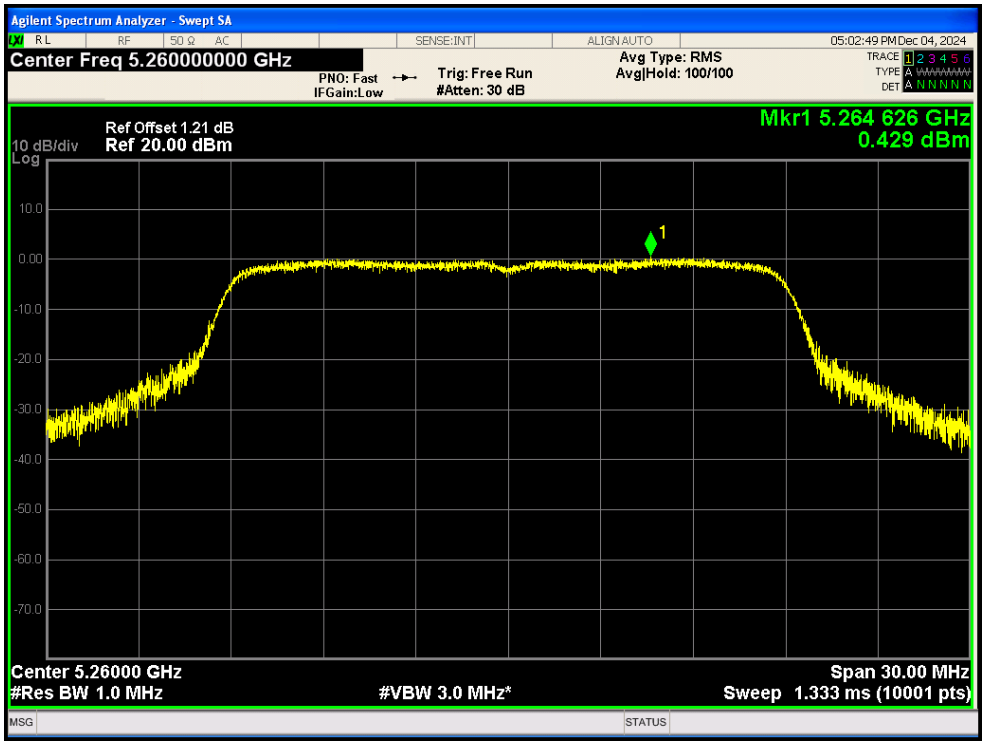
PSD NVNT a 5280MHz Ant1



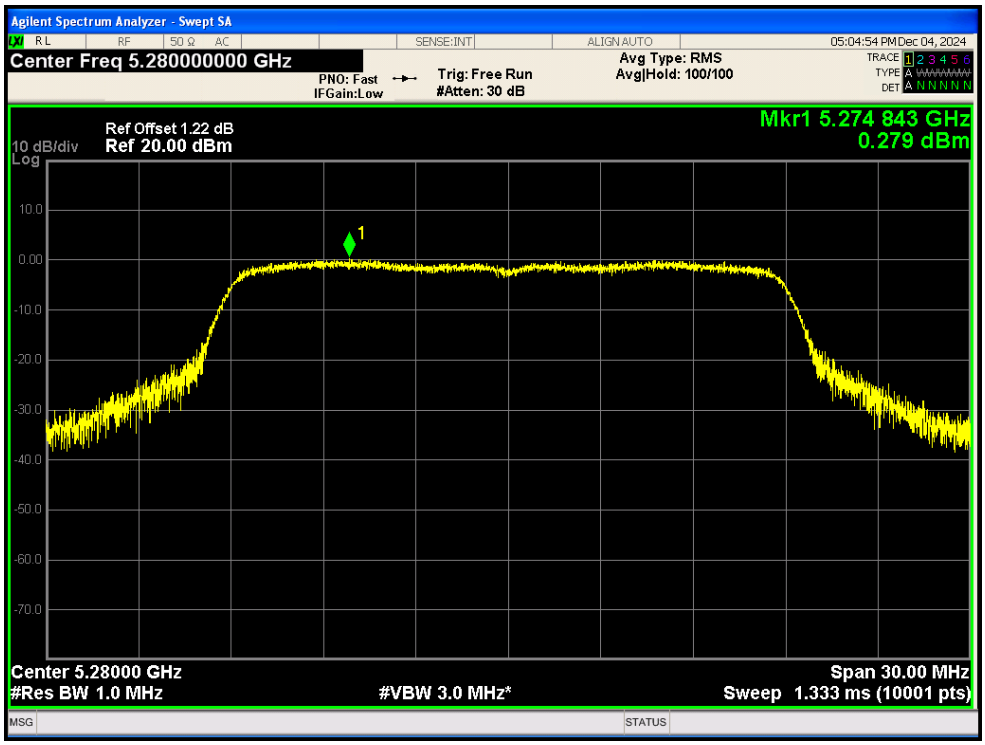
PSD NVNT a 5320MHz Ant1



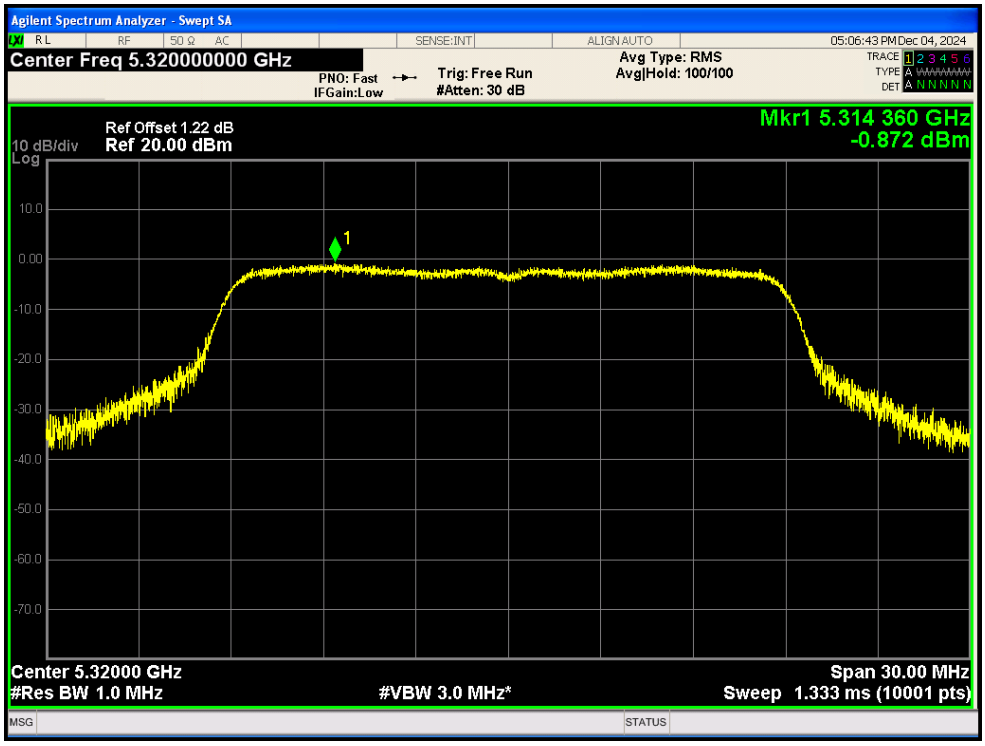
PSD NVNT ac20 5260MHz Ant1



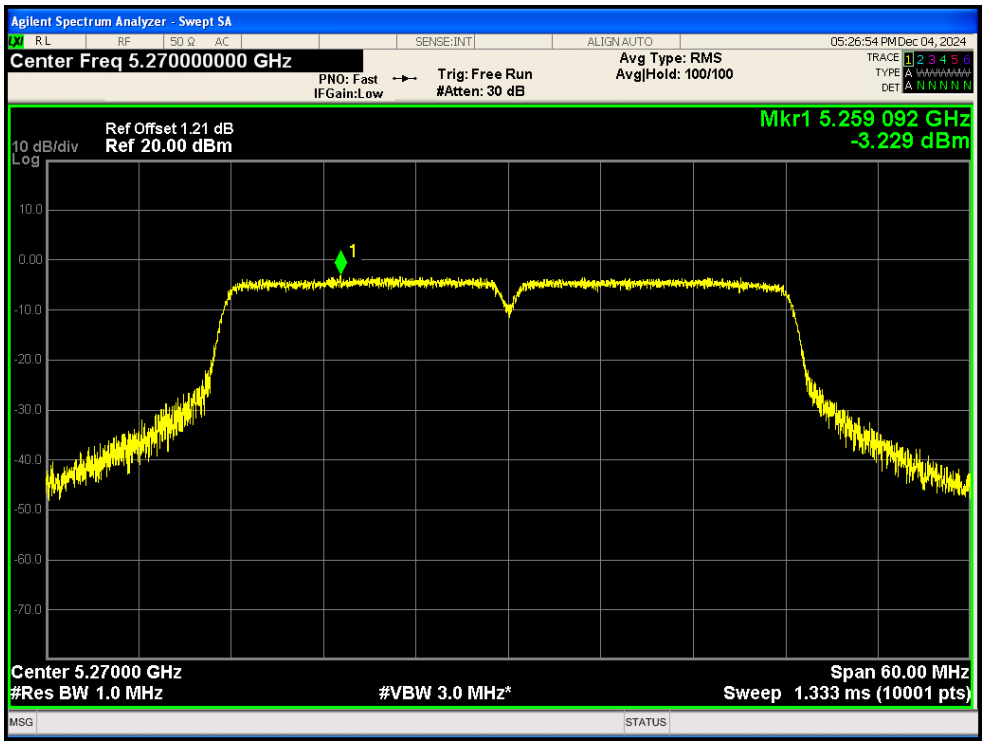
PSD NVNT ac20 5280MHz Ant1



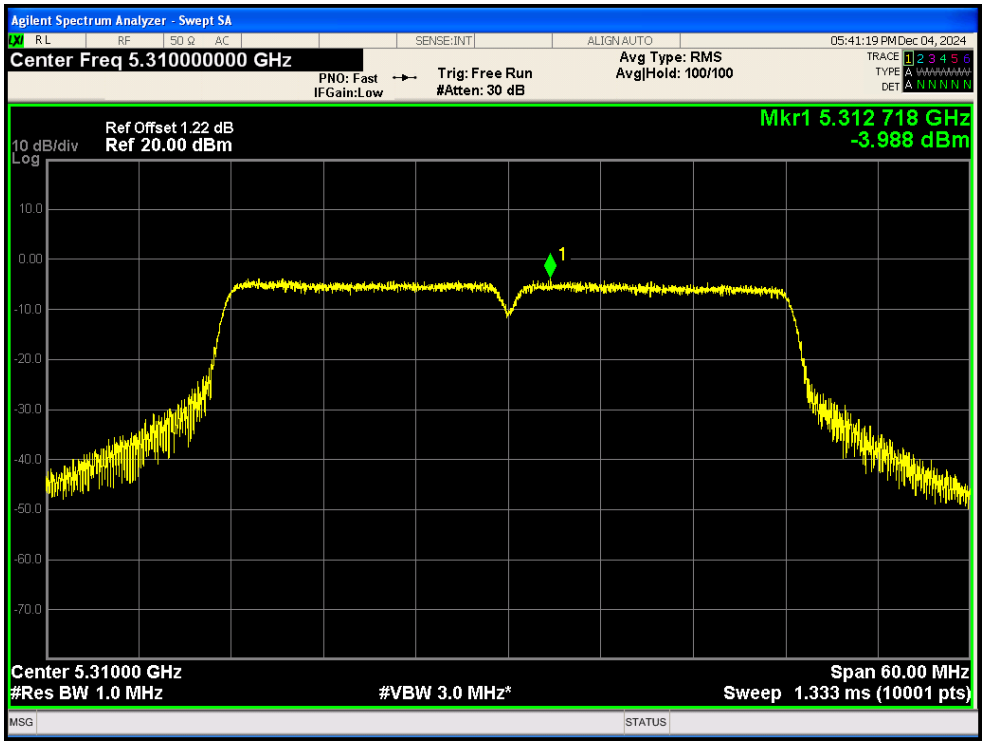
PSD NVNT ac20 5320MHz Ant1



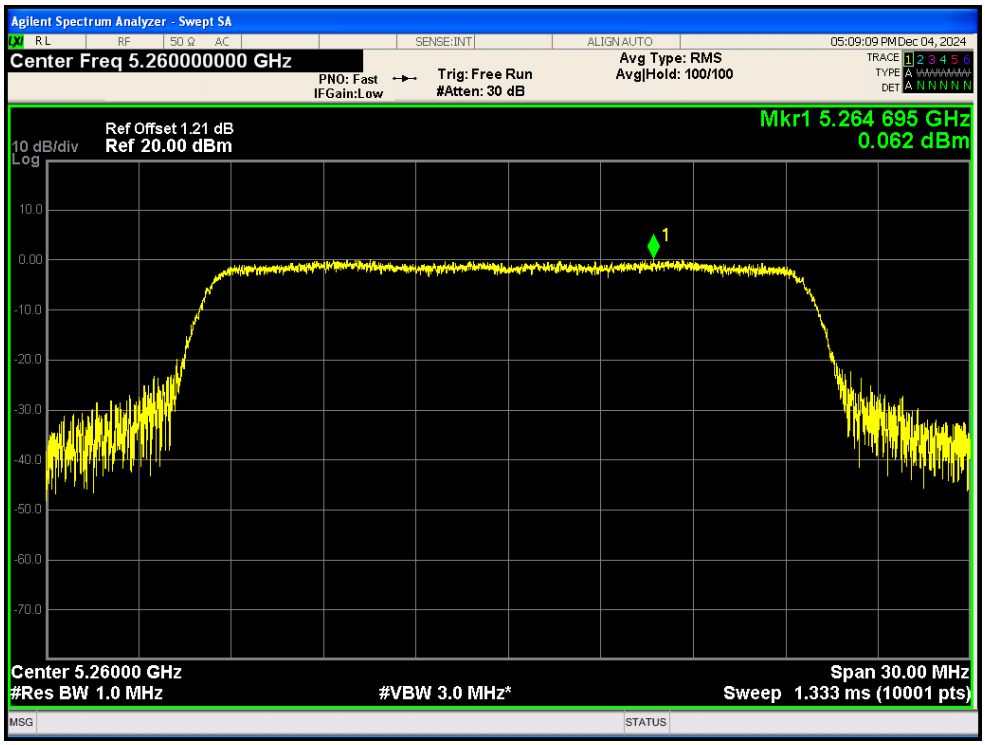
PSD NVNT ac40 5270MHz Ant1



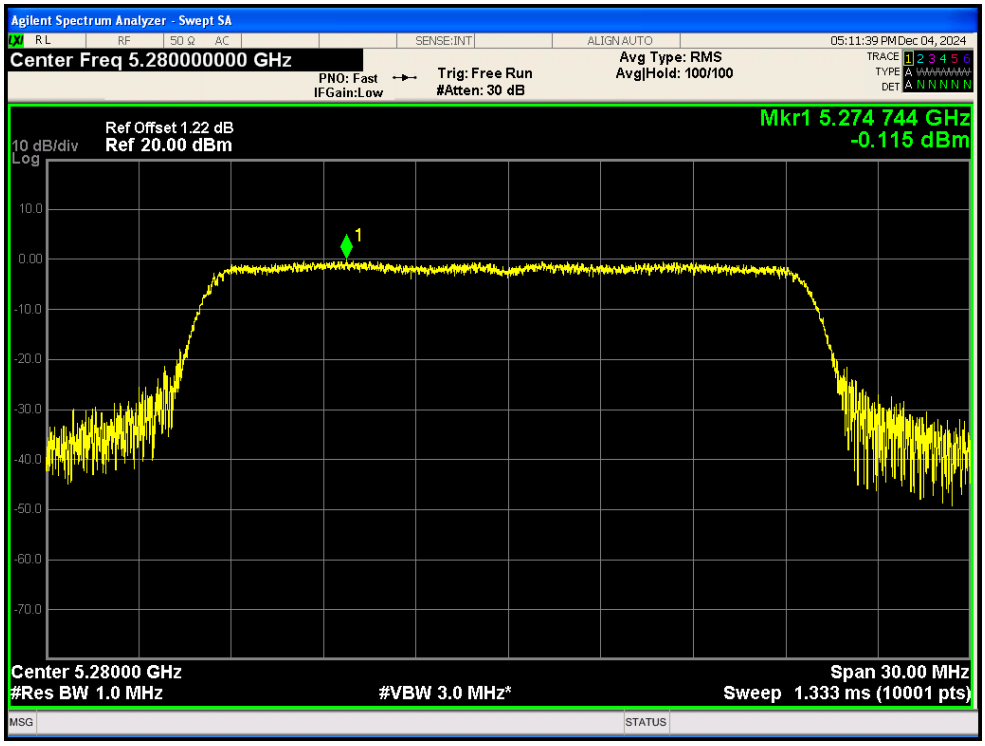
PSD NVNT ac40 5310MHz Ant1



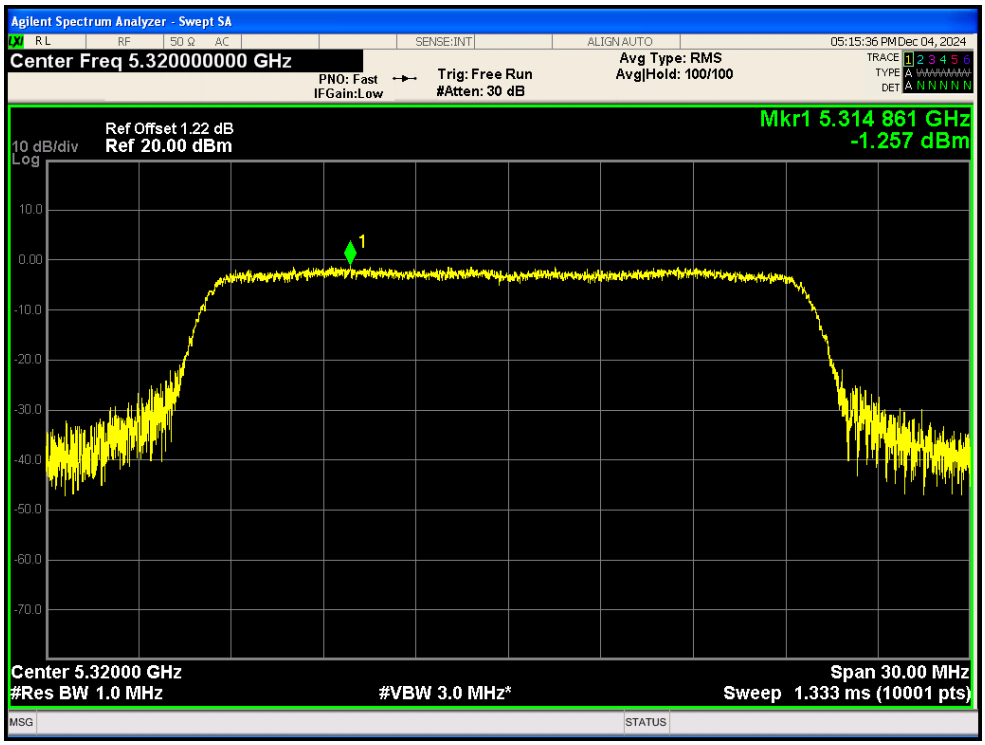
PSD NVNT ax20 5260MHz Ant1



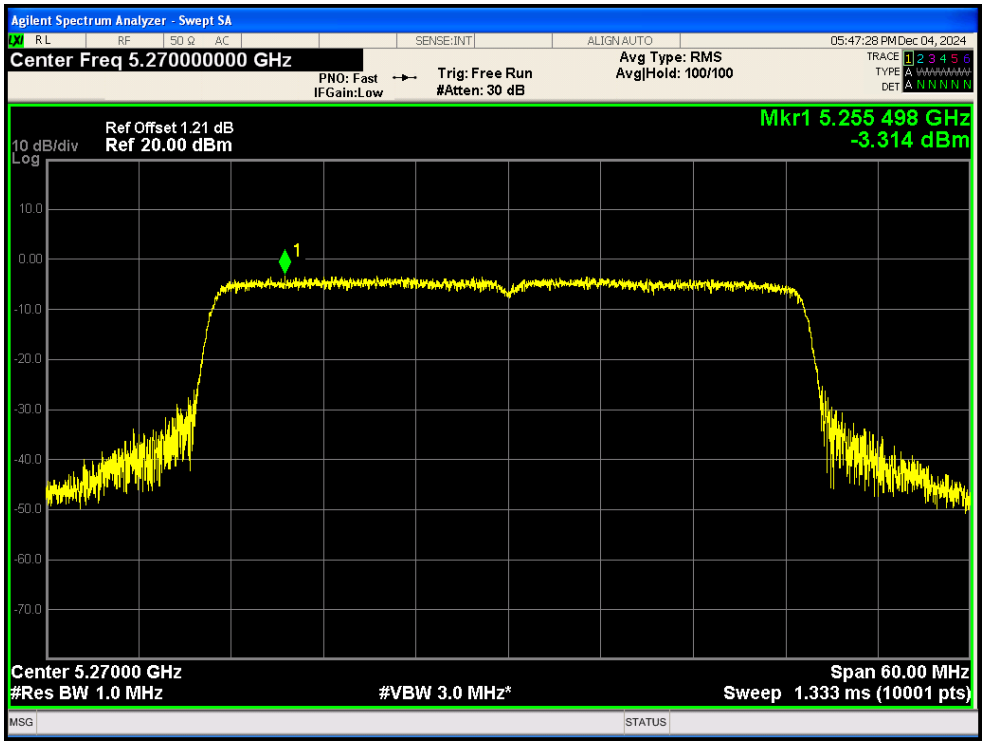
PSD NVNT ax20 5280MHz Ant1



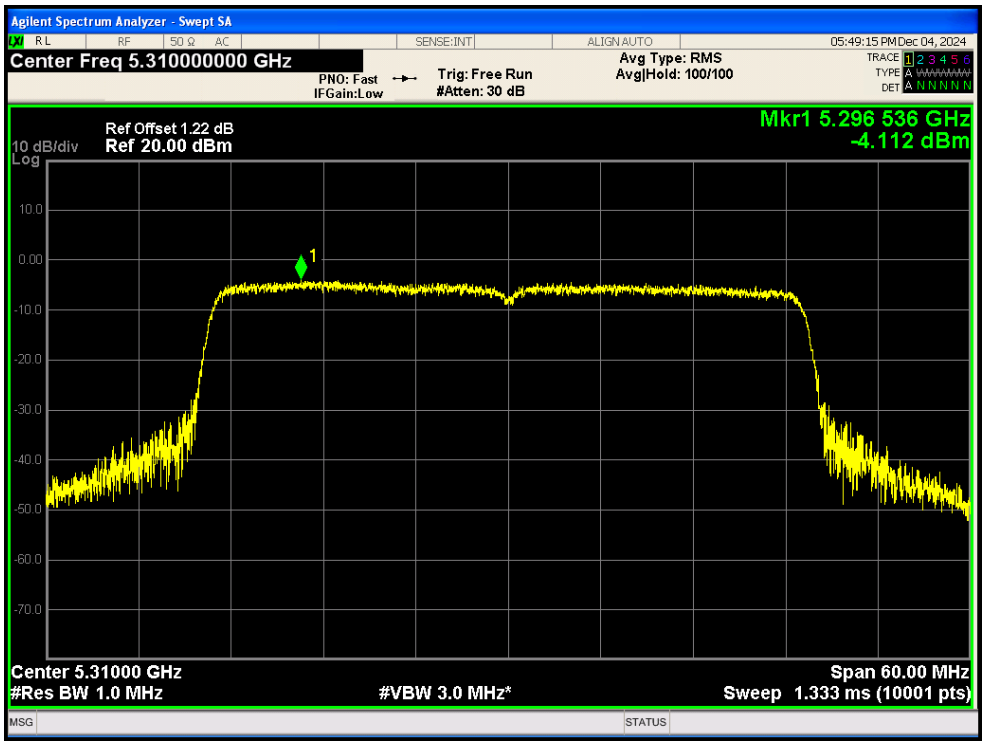
PSD NVNT ax20 5320MHz Ant1



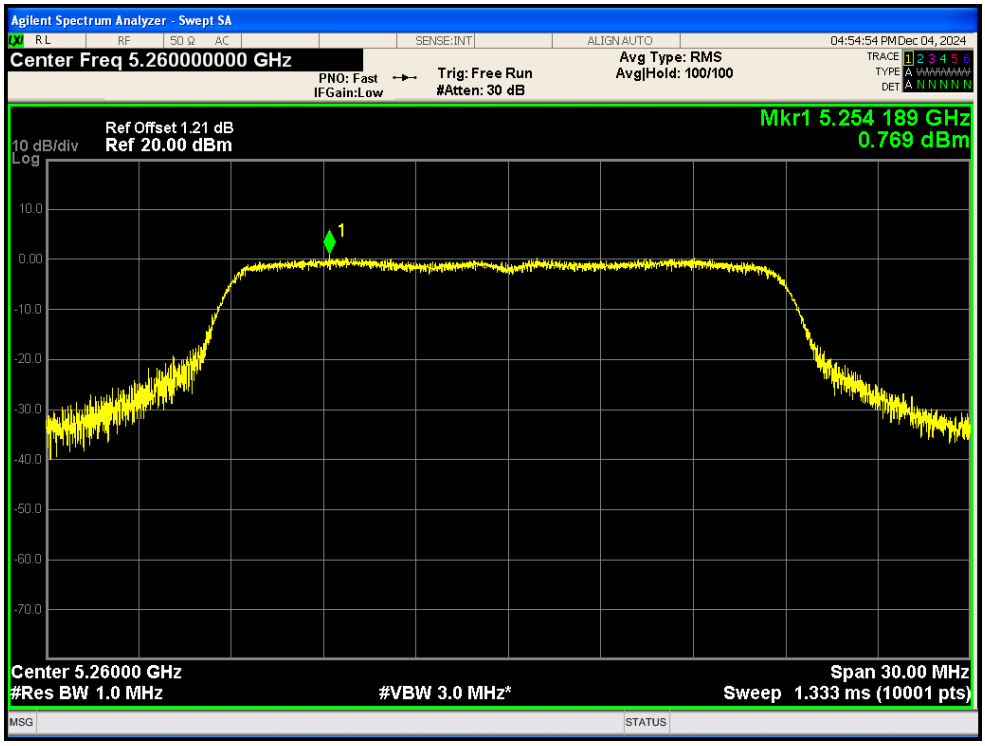
PSD NVNT ax40 5270MHz Ant1



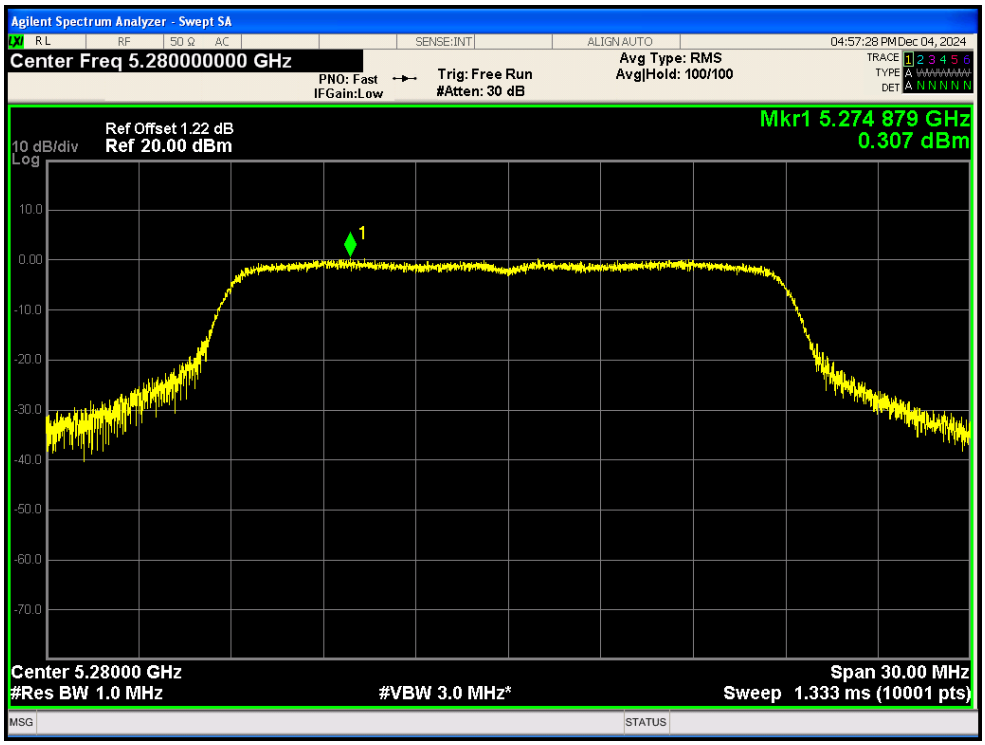
PSD NVNT ax40 5310MHz Ant1



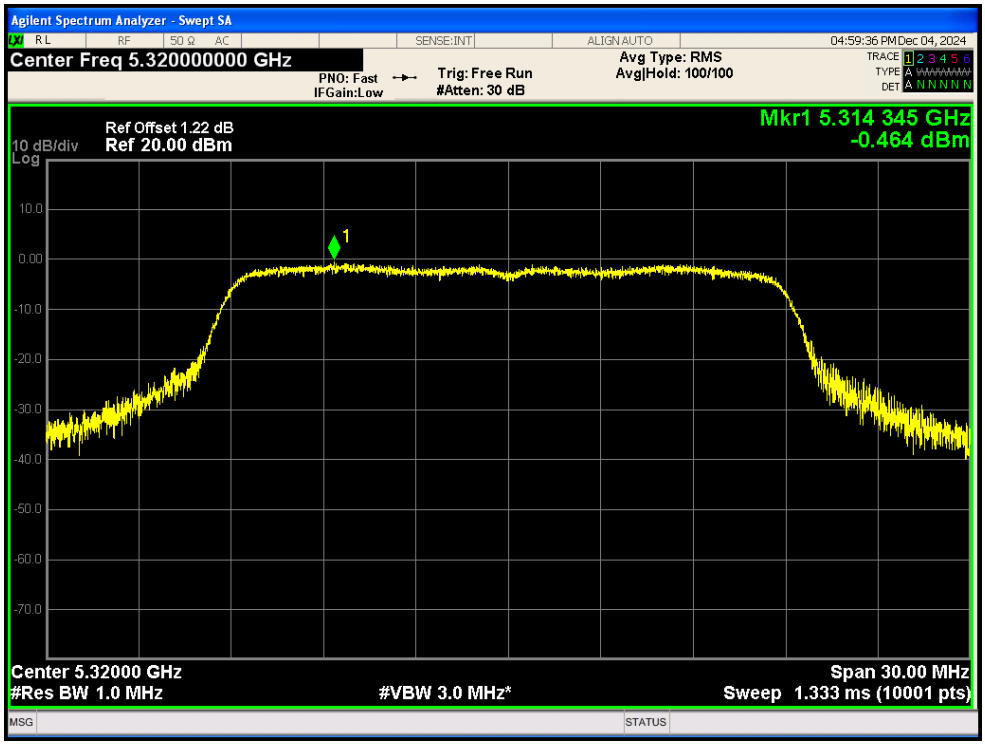
PSD NVNT n20 5260MHz Ant1



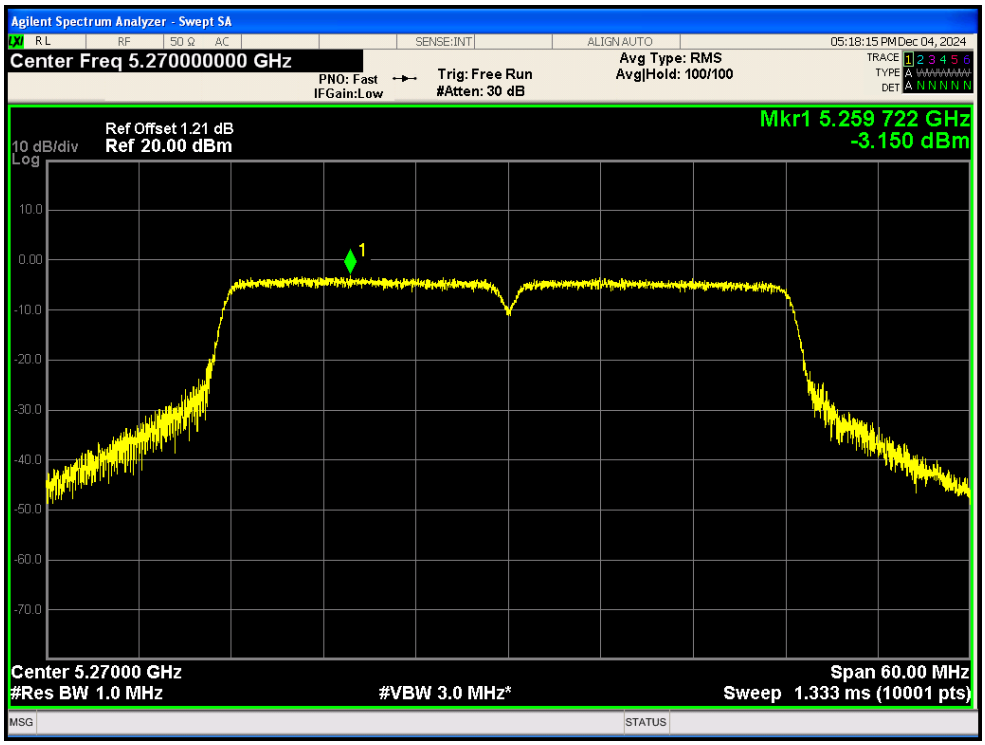
PSD NVNT n20 5280MHz Ant1



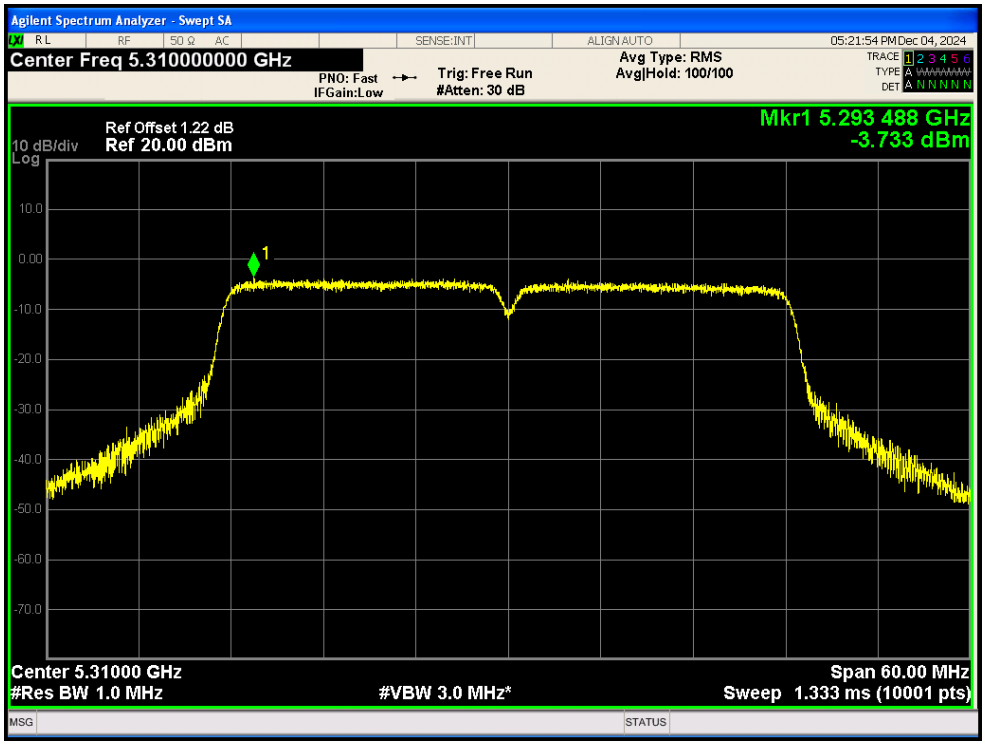
PSD NVNT n20 5320MHz Ant1



PSD NVNT n40 5270MHz Ant1



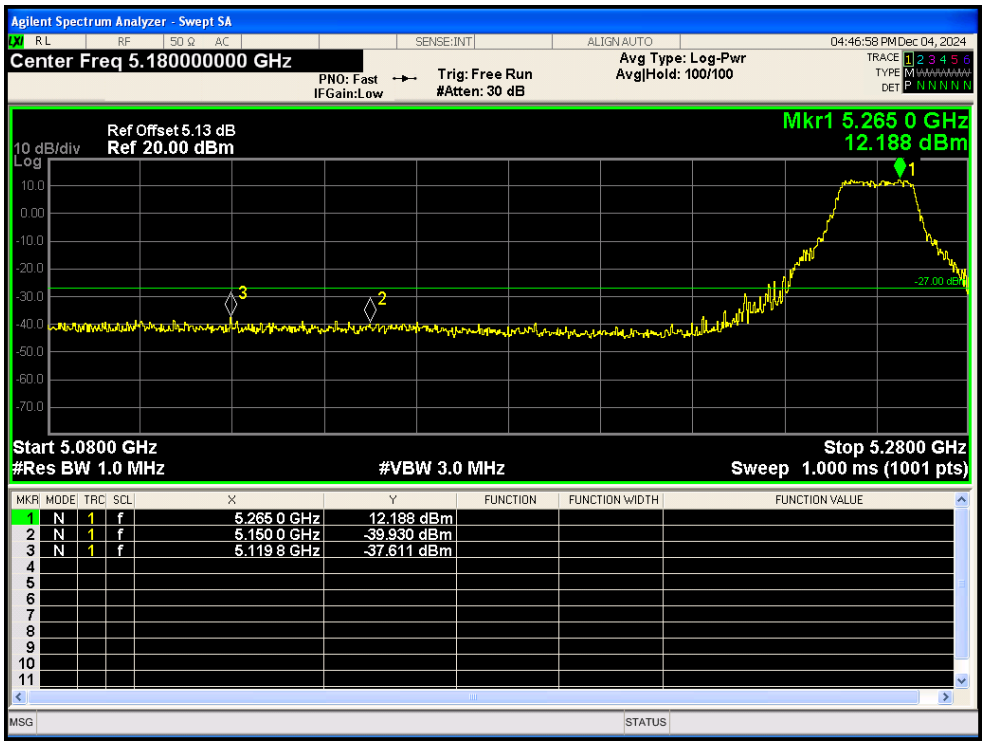
PSD NVNT n40 5310MHz Ant1



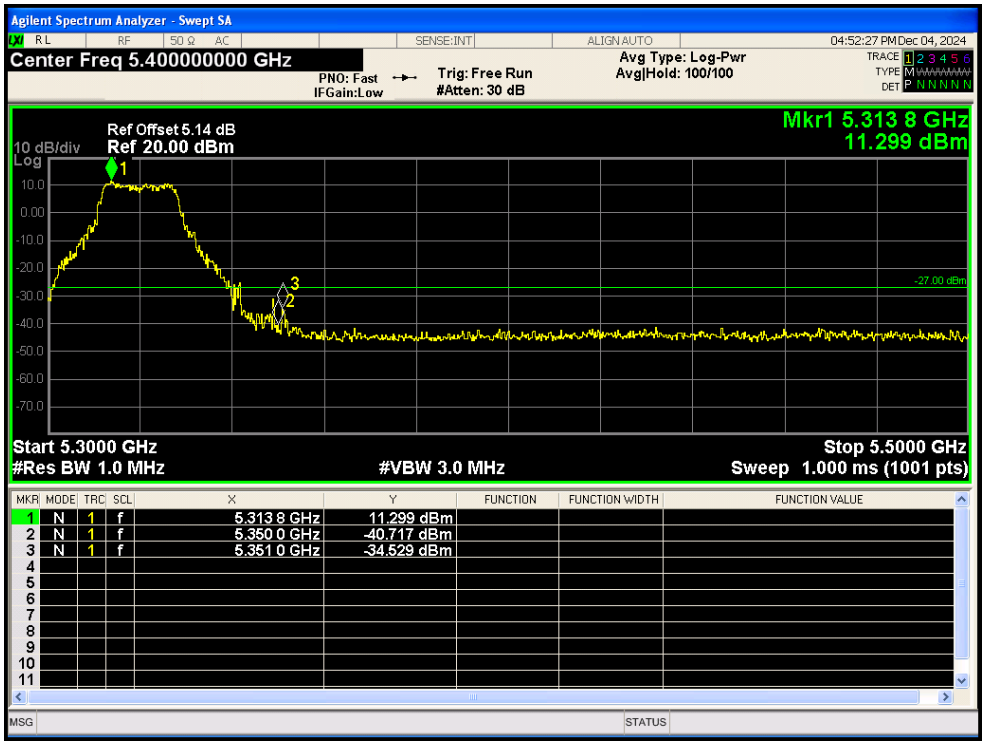
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-37.61	-27	Pass
NVNT	a	5320	Ant1	-34.52	-27	Pass
NVNT	ac20	5260	Ant1	-38.86	-27	Pass
NVNT	ac20	5320	Ant1	-38.68	-27	Pass
NVNT	ac40	5270	Ant1	-39.19	-27	Pass
NVNT	ac40	5310	Ant1	-29.07	-27	Pass
NVNT	ax20	5260	Ant1	-38.18	-27	Pass
NVNT	ax20	5320	Ant1	-33.25	-27	Pass
NVNT	ax40	5270	Ant1	-39.19	-27	Pass
NVNT	ax40	5310	Ant1	-29.91	-27	Pass
NVNT	n20	5260	Ant1	-38.63	-27	Pass
NVNT	n20	5320	Ant1	-39.01	-27	Pass
NVNT	n40	5270	Ant1	-39.06	-27	Pass
NVNT	n40	5310	Ant1	-32.17	-27	Pass

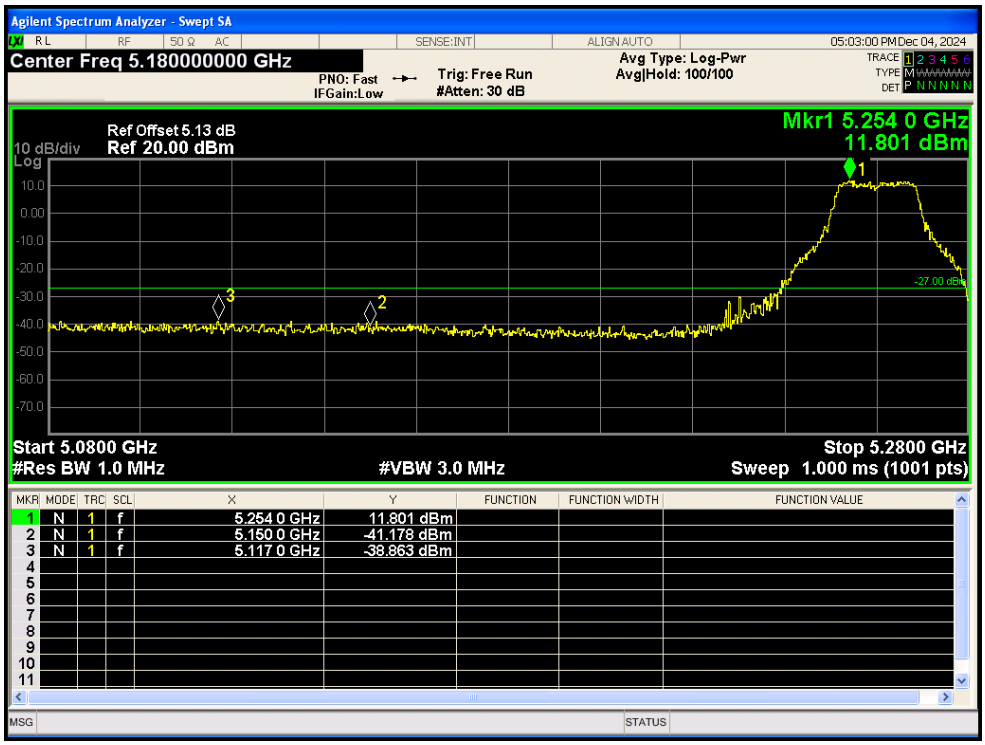
Band Edge NVNT a 5260MHz Low Ant1



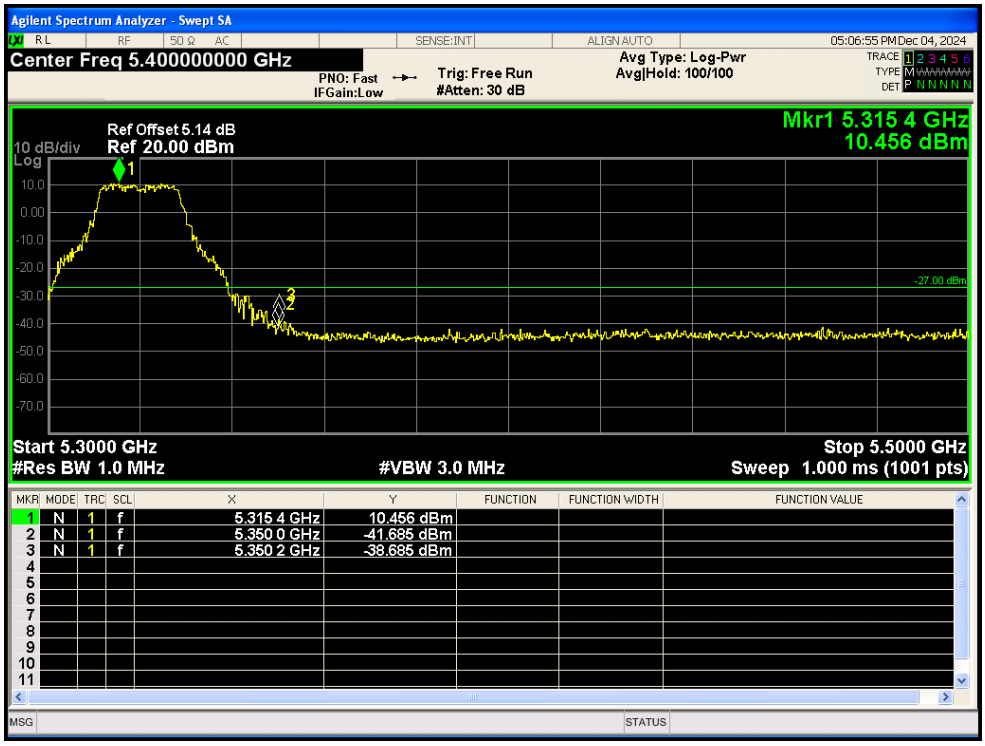
Band Edge NVNT a 5320MHz High Ant1



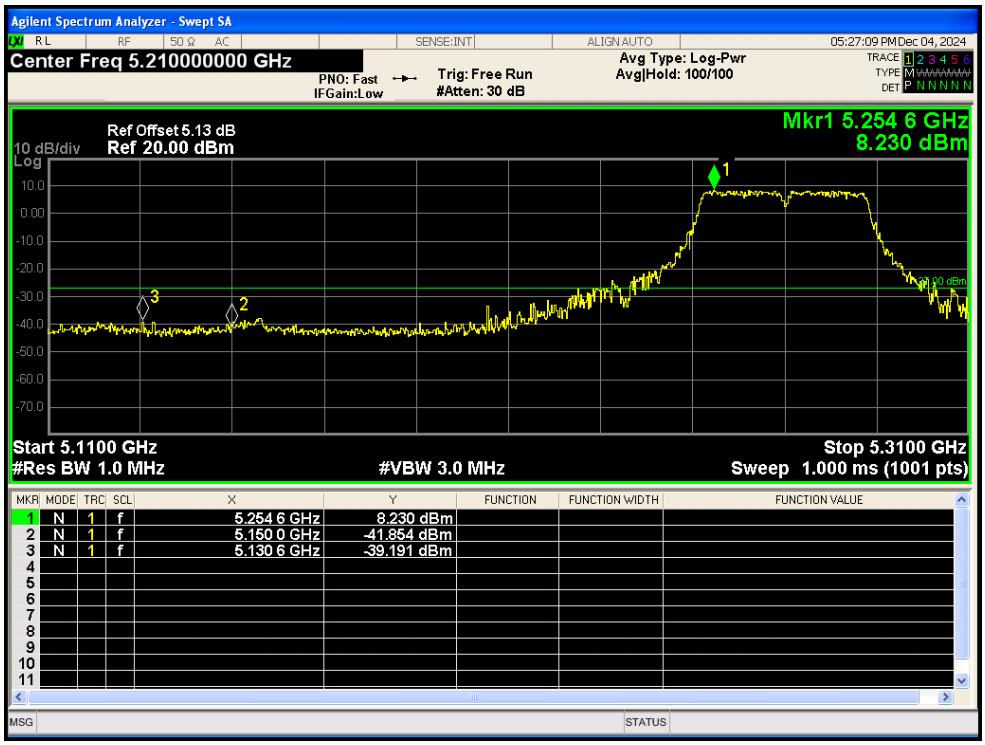
Band Edge NVNT ac20 5260MHz Low Ant1



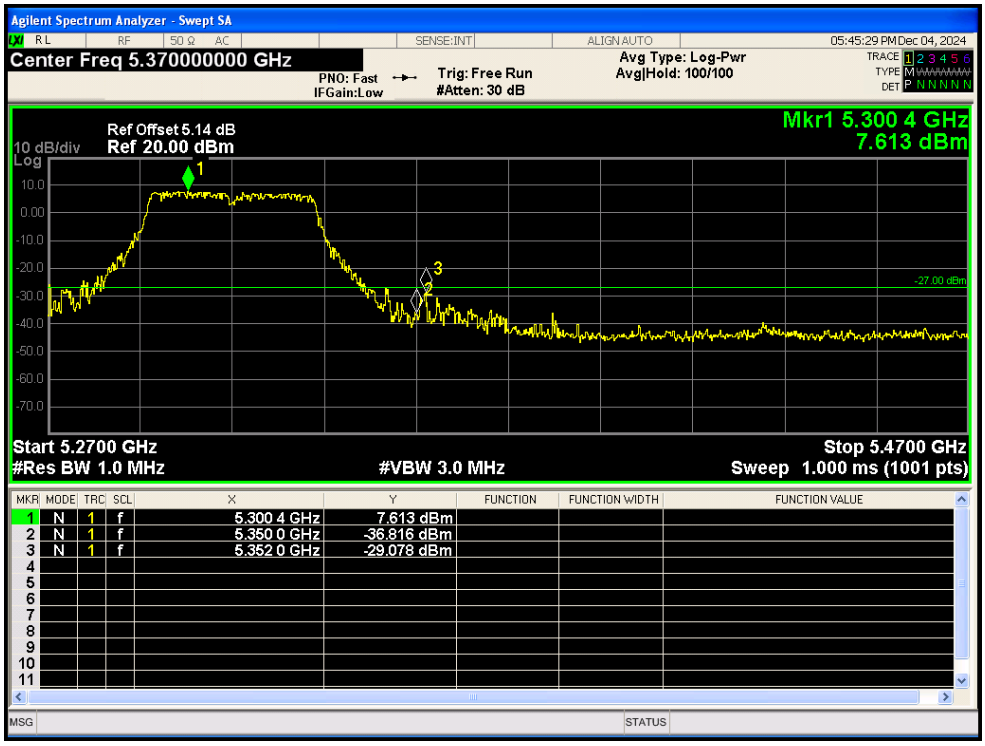
Band Edge NVNT ac20 5320MHz High Ant1



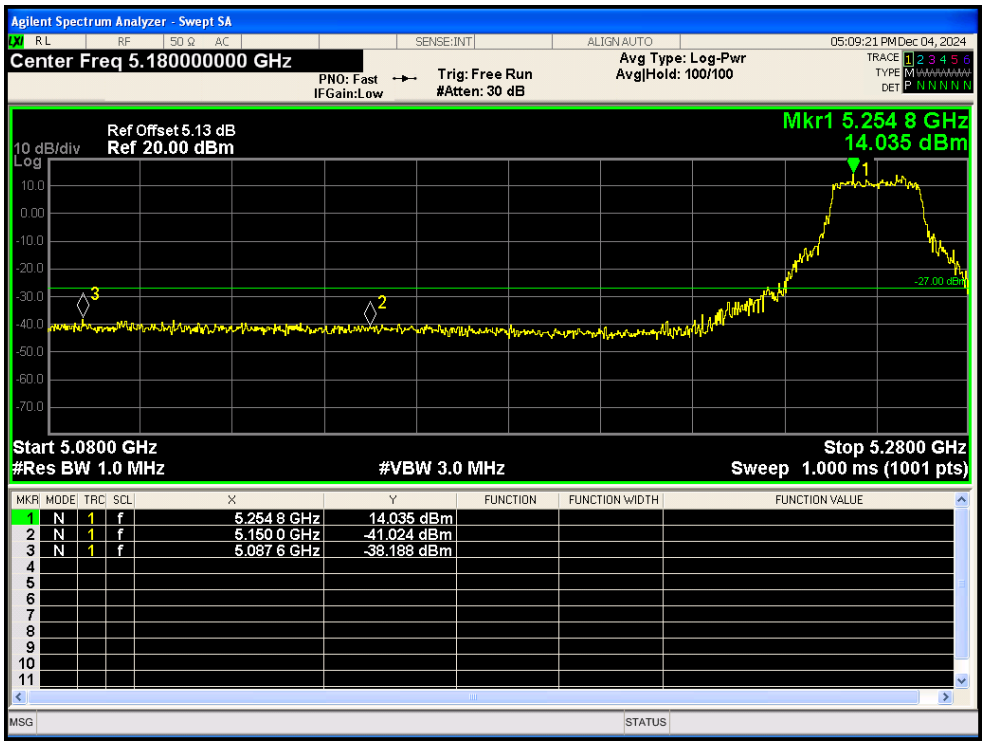
Band Edge NVNT ac40 5270MHz Low Ant1



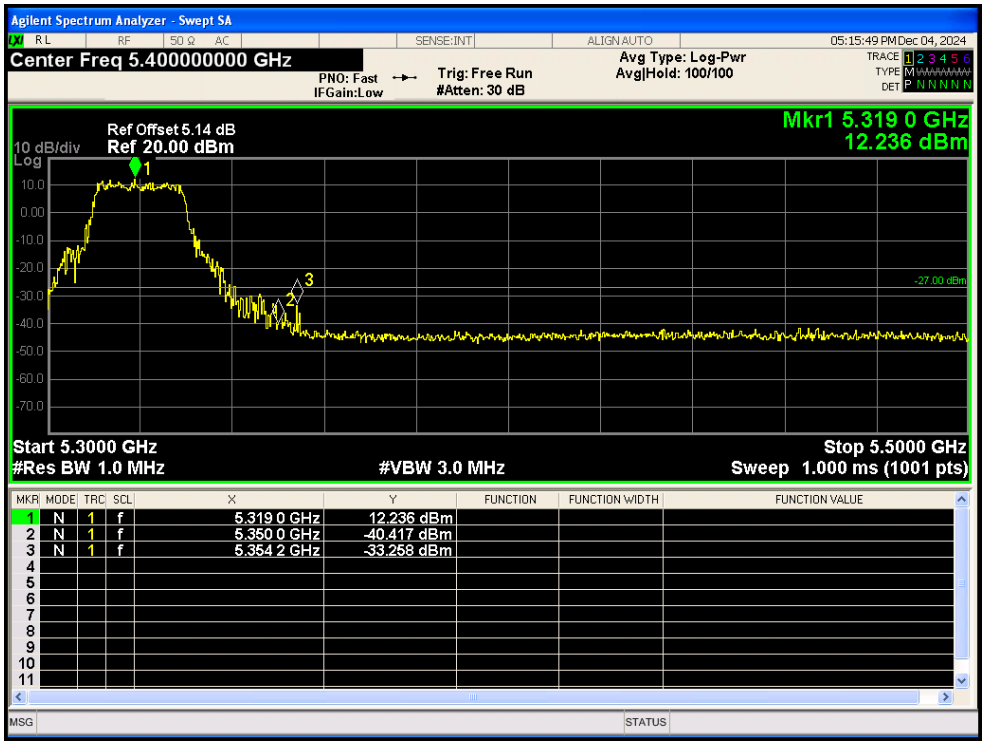
Band Edge NVNT ac40 5310MHz High Ant1



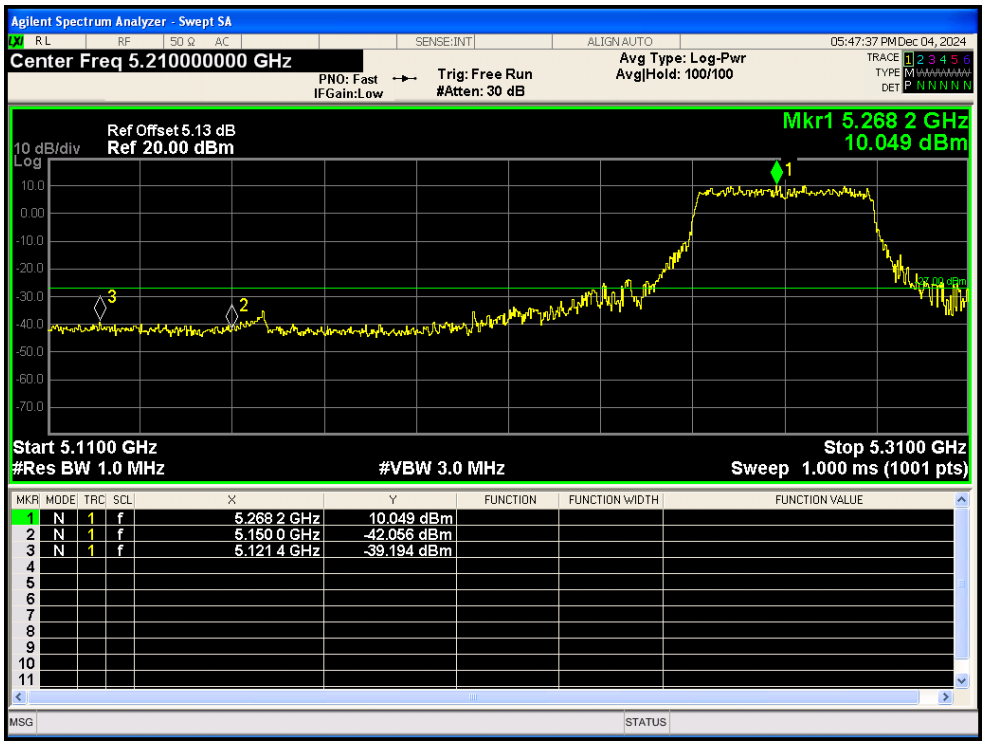
Band Edge NVNT ax20 5260MHz Low Ant1



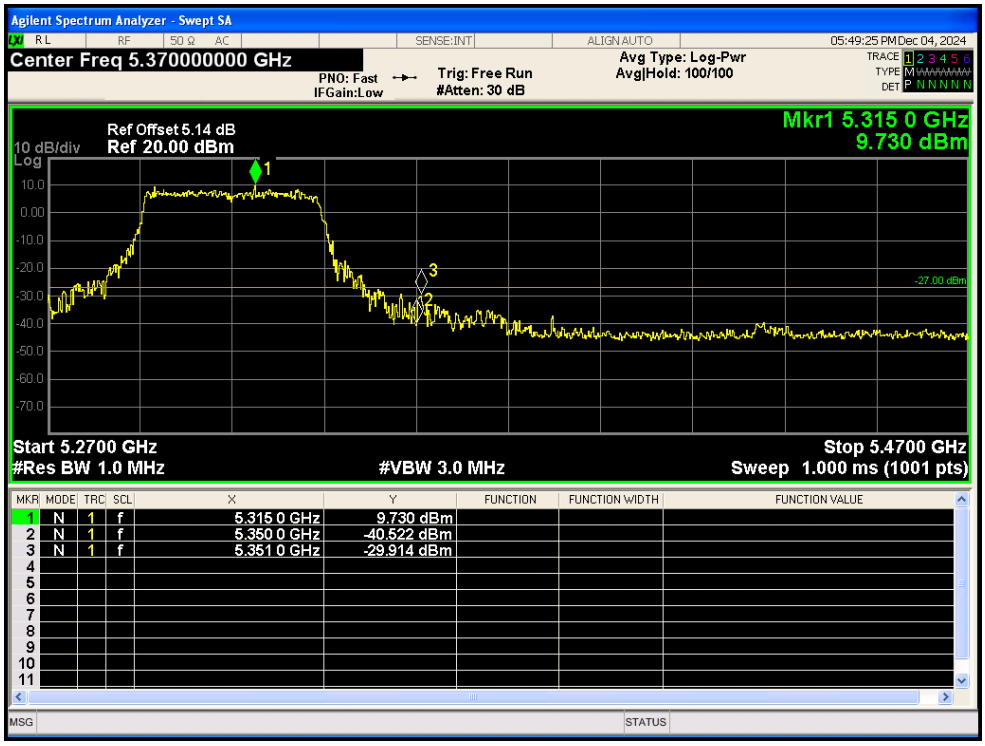
Band Edge NVNT ax20 5320MHz High Ant1



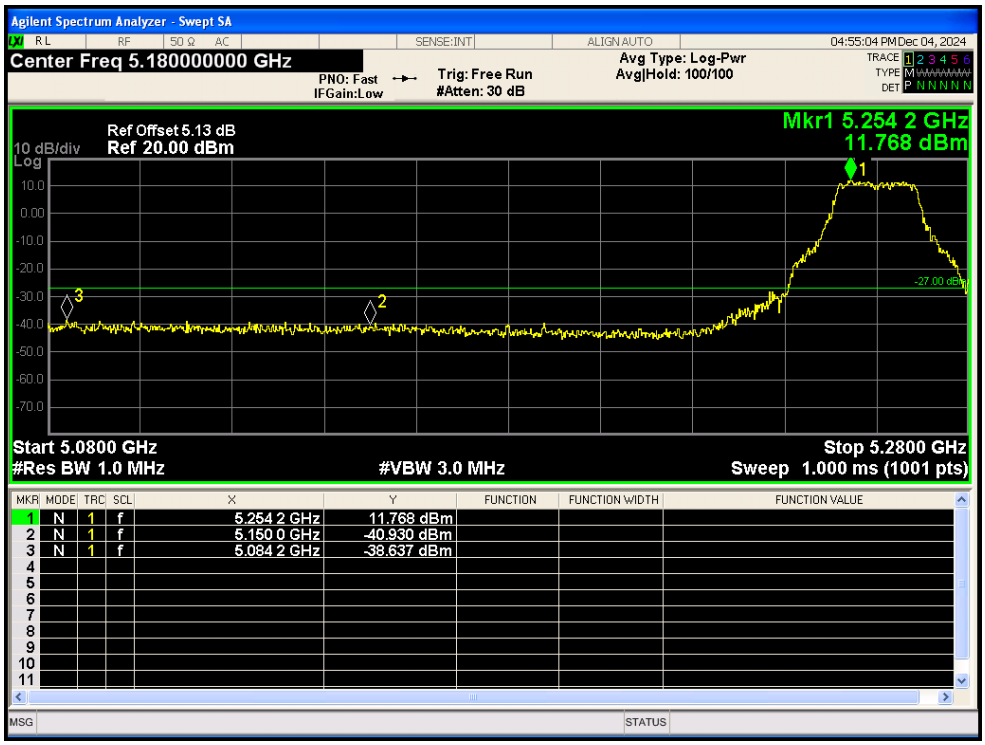
Band Edge NVNT ax40 5270MHz Low Ant1



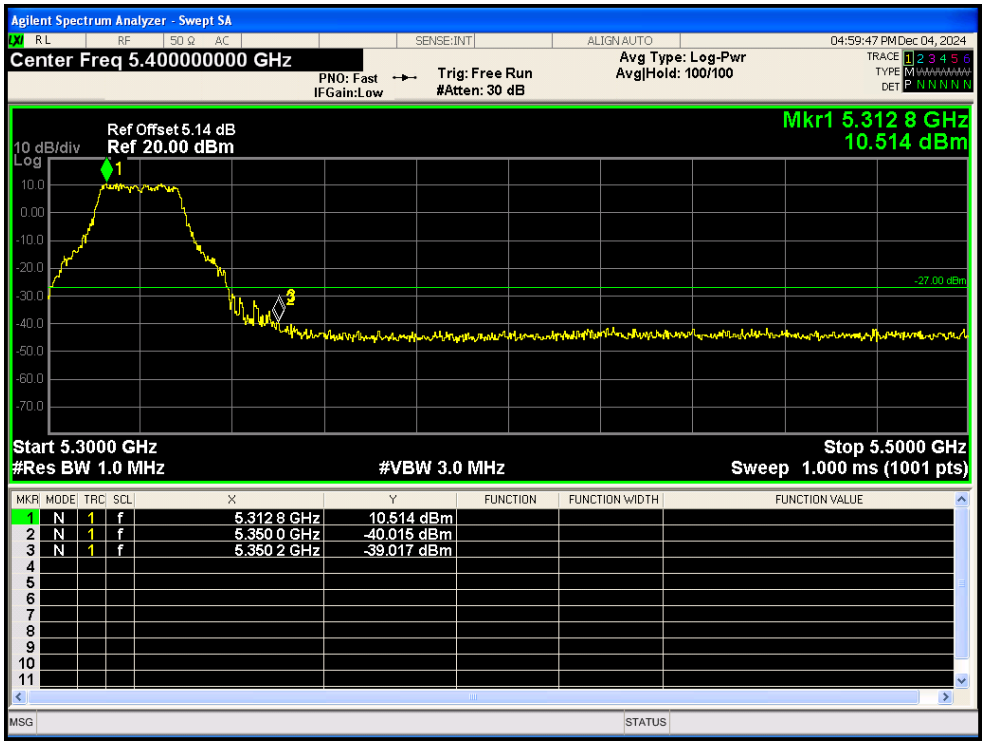
Band Edge NVNT ax40 5310MHz High Ant1



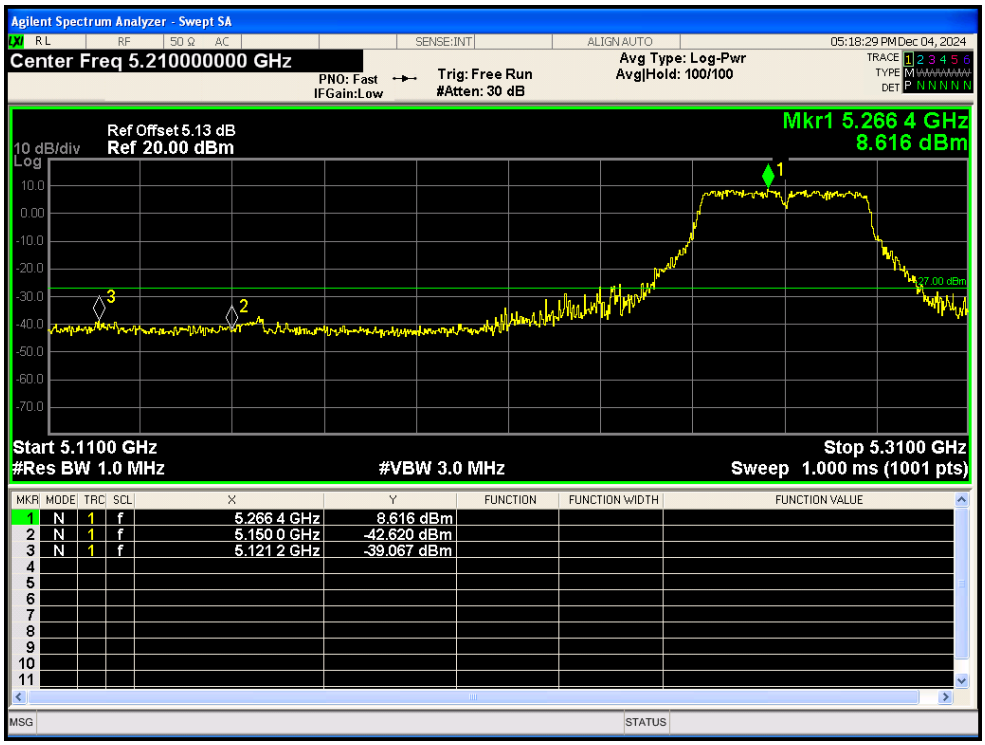
Band Edge NVNT n20 5260MHz Low Ant1



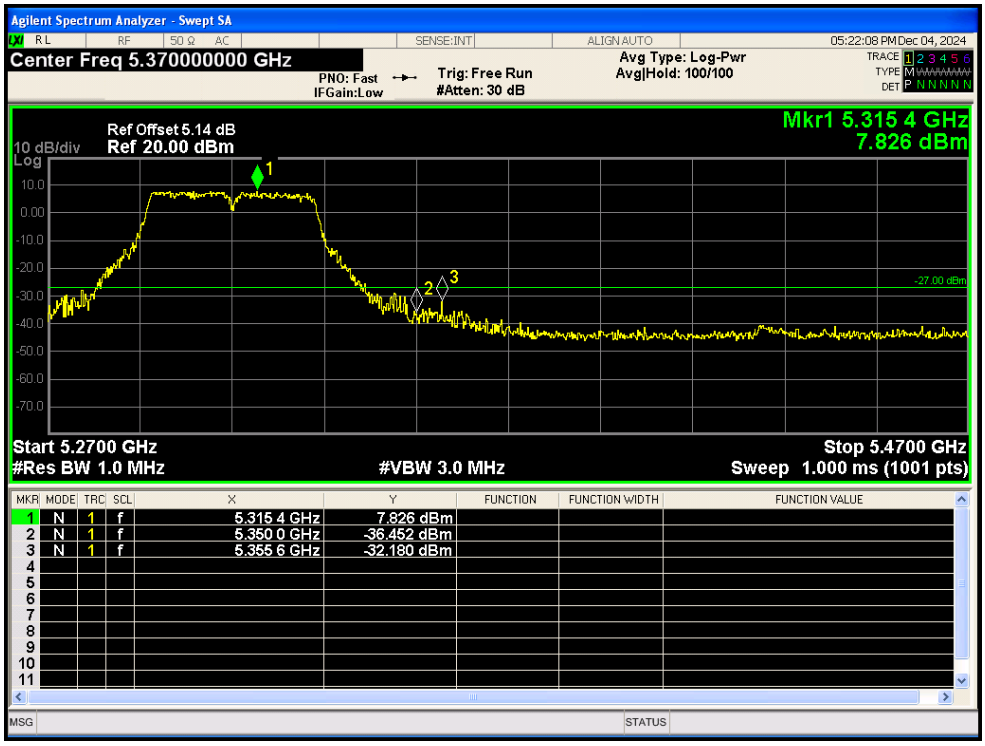
Band Edge NVNT n20 5320MHz High Ant1



Band Edge NVNT n40 5270MHz Low Ant1



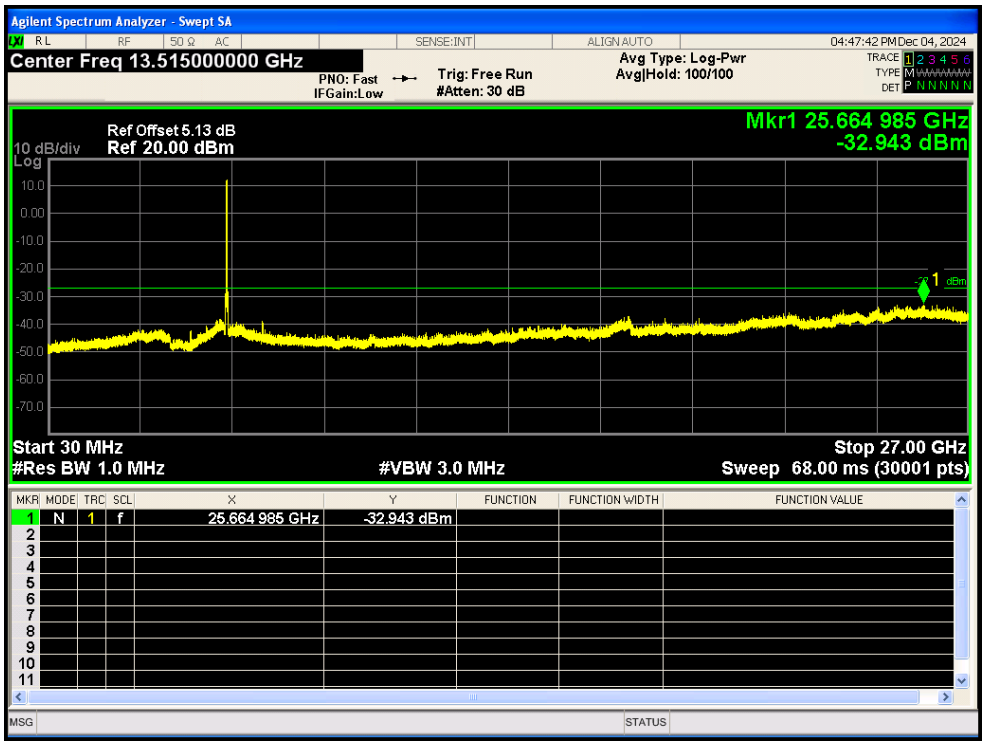
Band Edge NVNT n40 5310MHz High Ant1



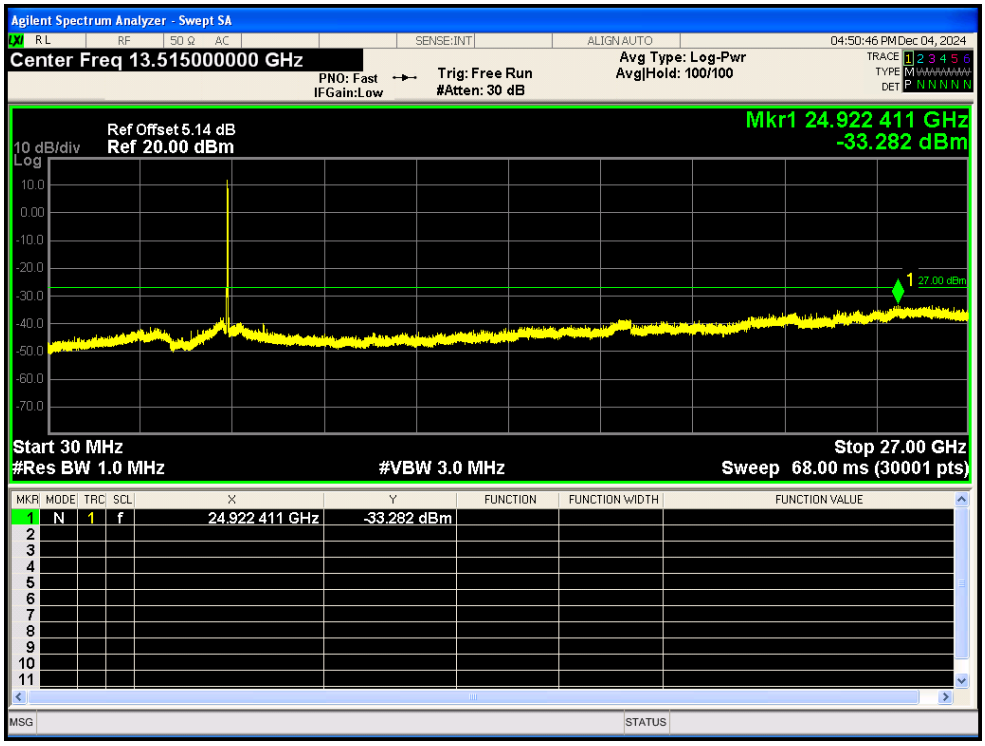
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-32.94	-27	Pass
NVNT	a	5280	Ant1	-33.28	-27	Pass
NVNT	a	5320	Ant1	-33.21	-27	Pass
NVNT	ac20	5260	Ant1	-33.06	-27	Pass
NVNT	ac20	5280	Ant1	-32.96	-27	Pass
NVNT	ac20	5320	Ant1	-33.44	-27	Pass
NVNT	ac40	5270	Ant1	-32.65	-27	Pass
NVNT	ac40	5310	Ant1	-33.33	-27	Pass
NVNT	ax20	5260	Ant1	-33.35	-27	Pass
NVNT	ax20	5280	Ant1	-32.27	-27	Pass
NVNT	ax20	5320	Ant1	-32.78	-27	Pass
NVNT	ax40	5270	Ant1	-33.37	-27	Pass
NVNT	ax40	5310	Ant1	-32.95	-27	Pass
NVNT	n20	5260	Ant1	-33.27	-27	Pass
NVNT	n20	5280	Ant1	-32.1	-27	Pass
NVNT	n20	5320	Ant1	-32.07	-27	Pass
NVNT	n40	5270	Ant1	-32.96	-27	Pass
NVNT	n40	5310	Ant1	-32.98	-27	Pass

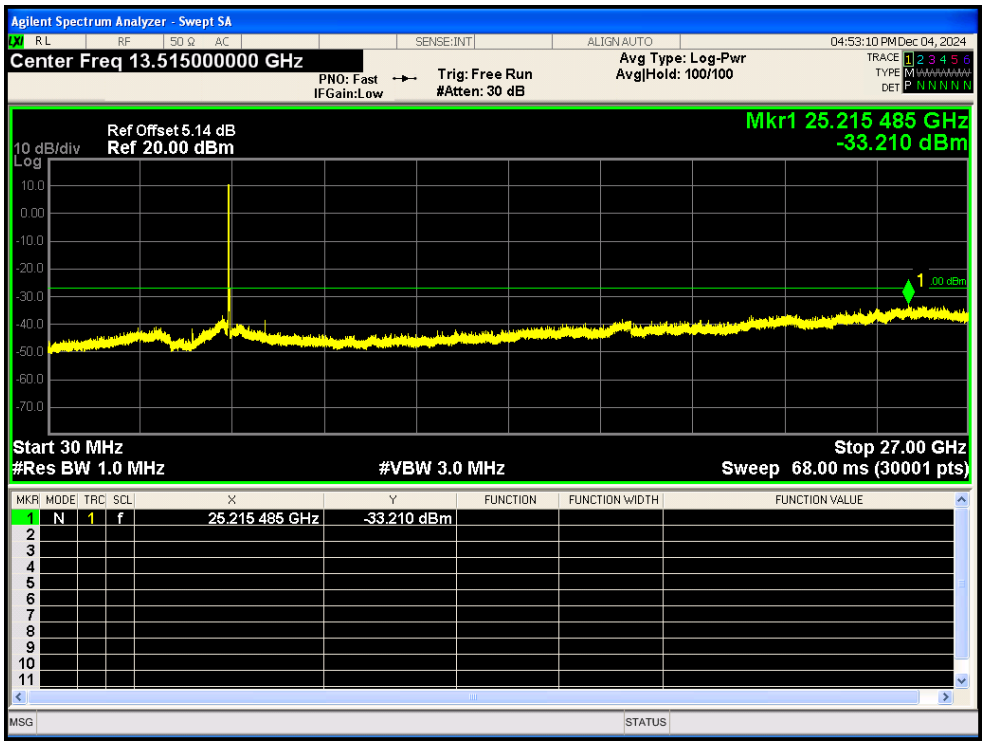
Tx. Spurious NVNT a 5260MHz Ant1 Emission



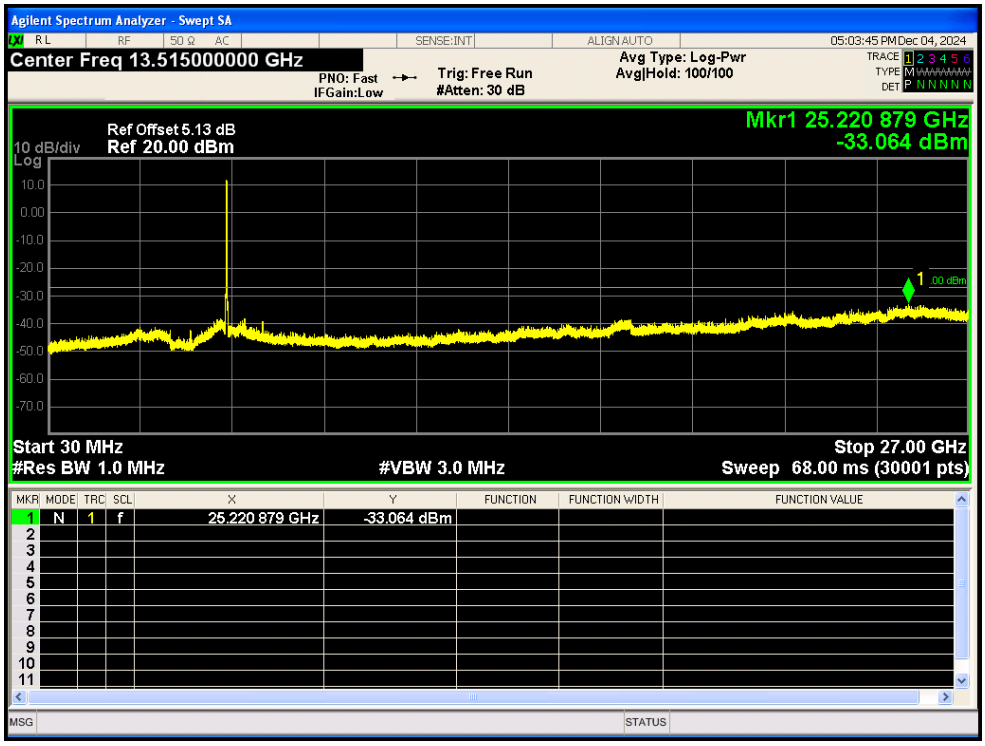
Tx. Spurious NVNT a 5280MHz Ant1 Emission



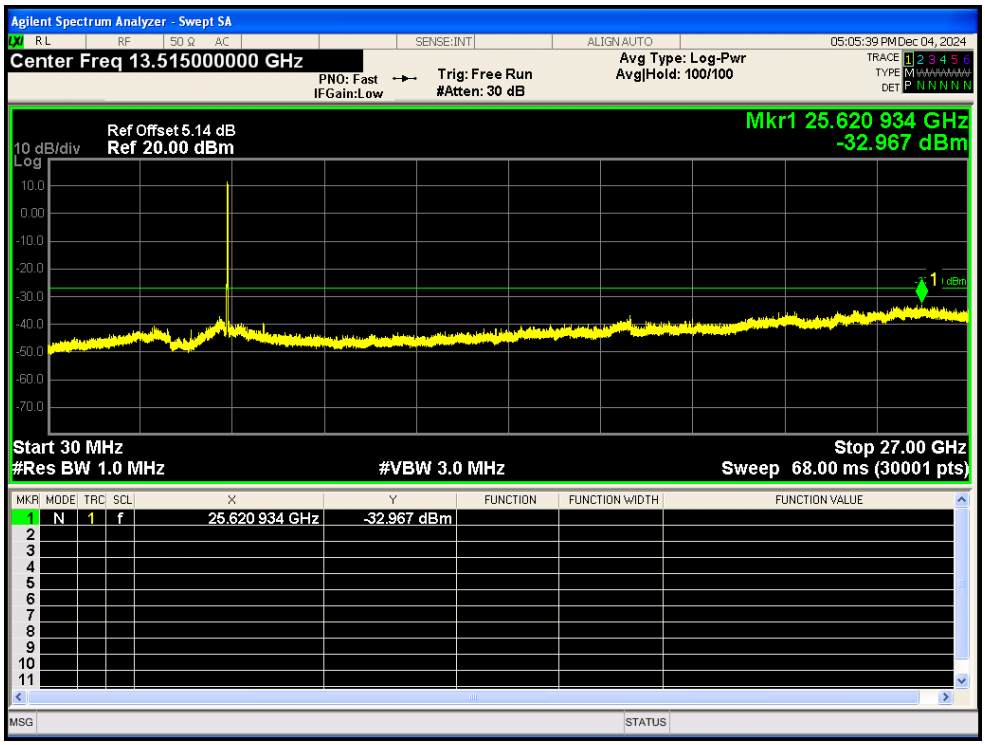
Tx. Spurious NVNT a 5320MHz Ant1 Emission



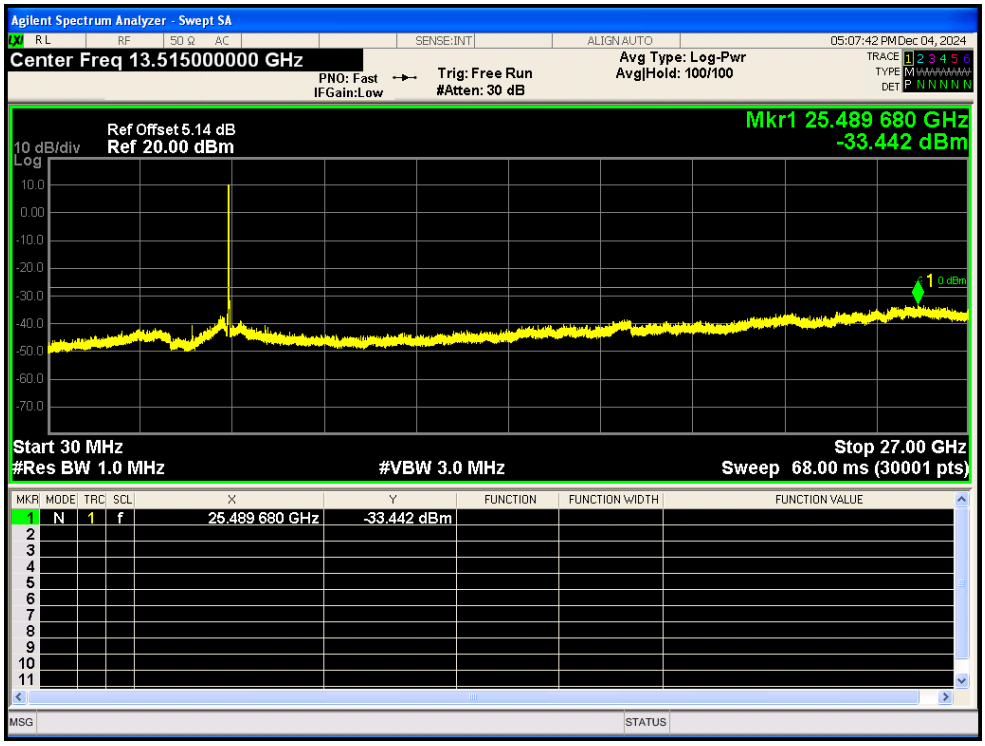
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



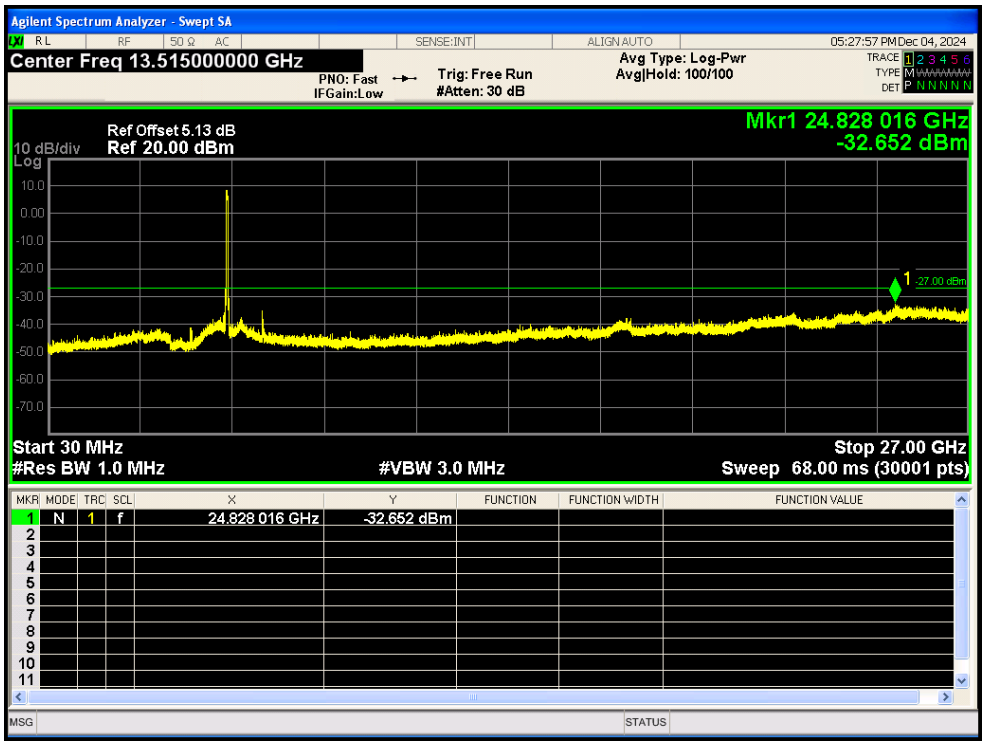
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



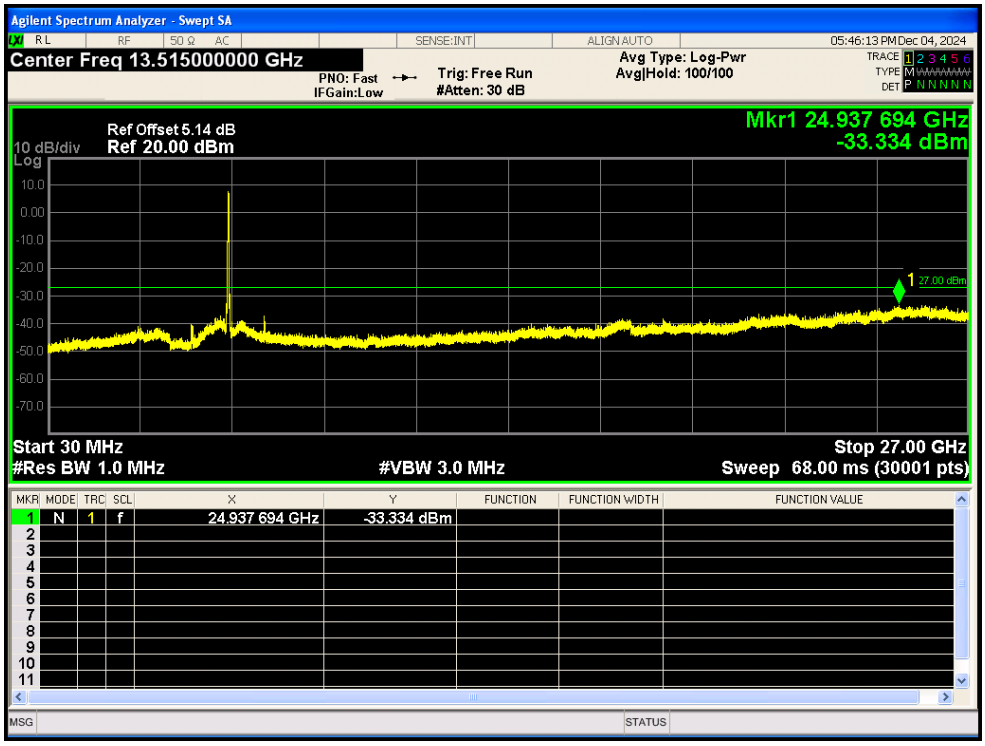
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



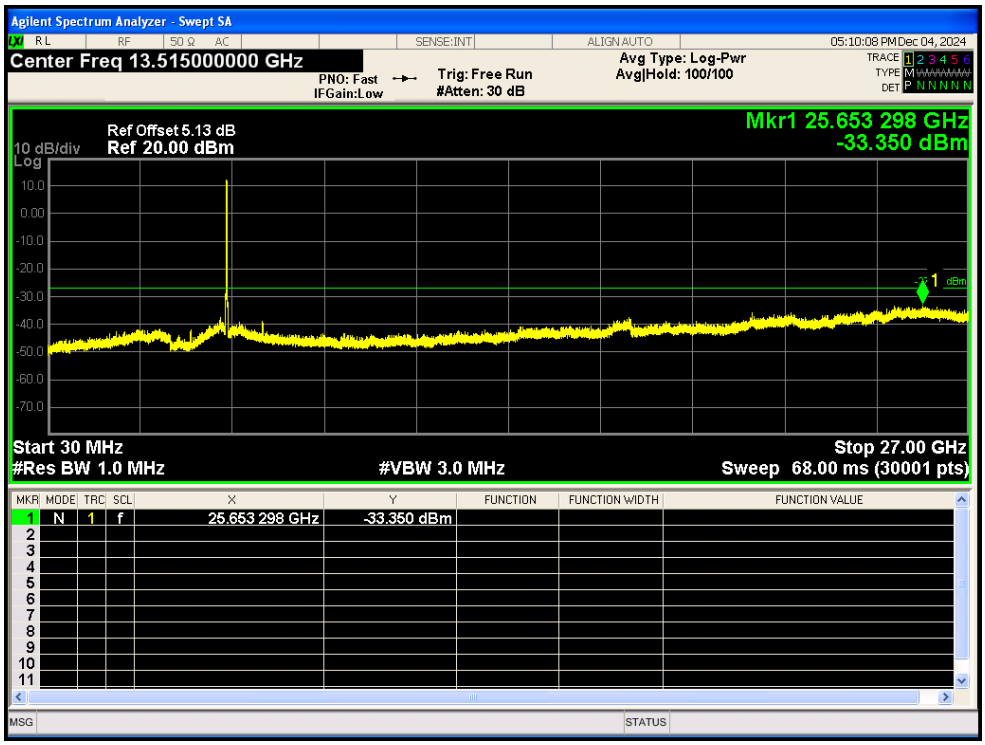
Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



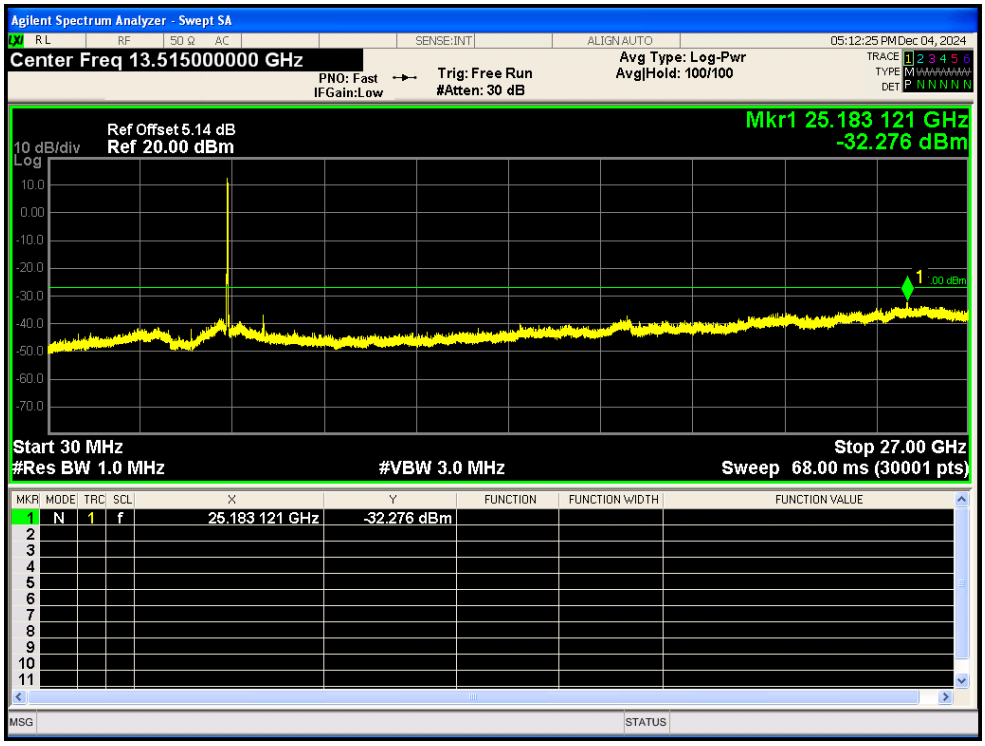
Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



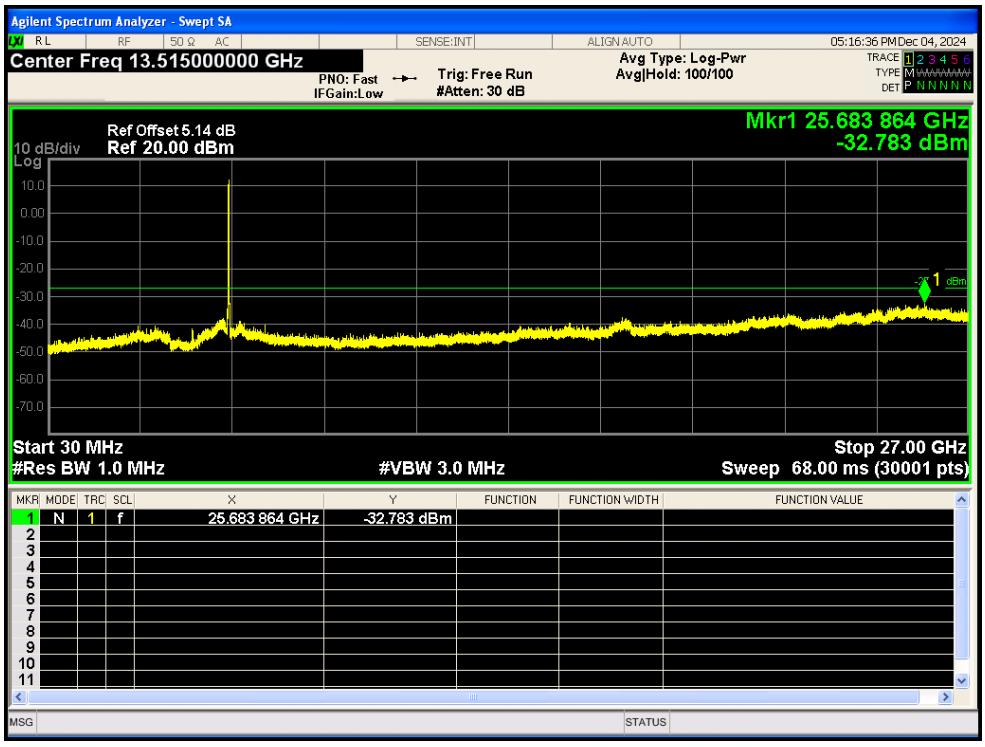
Tx. Spurious NVNT ax20 5260MHz Ant1 Emission



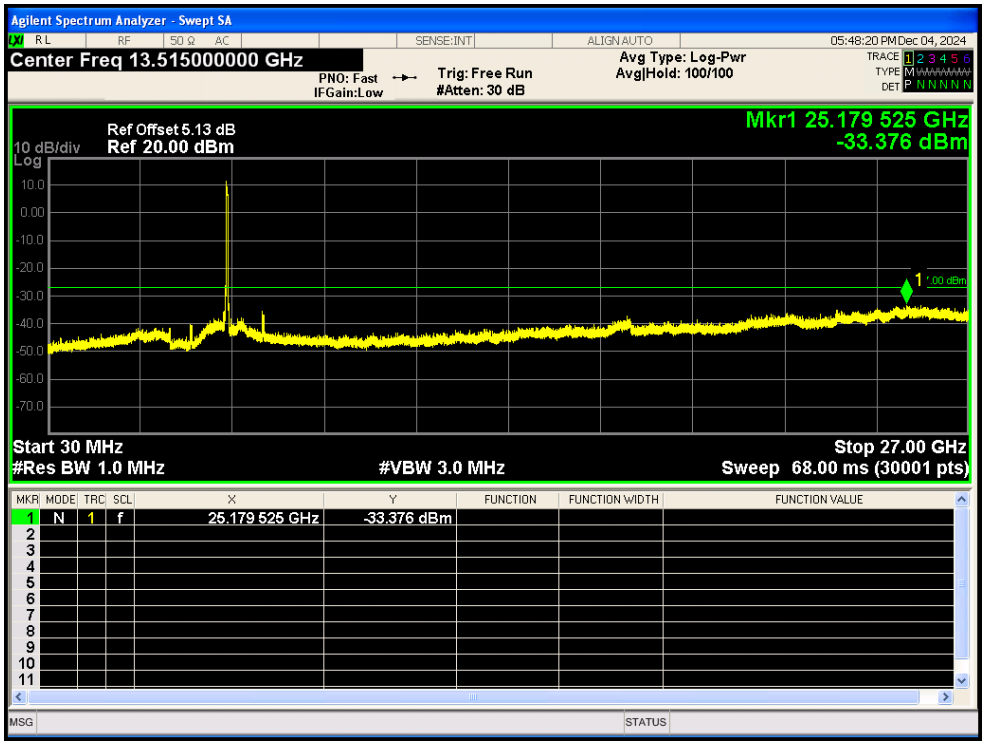
Tx. Spurious NVNT ax20 5280MHz Ant1 Emission



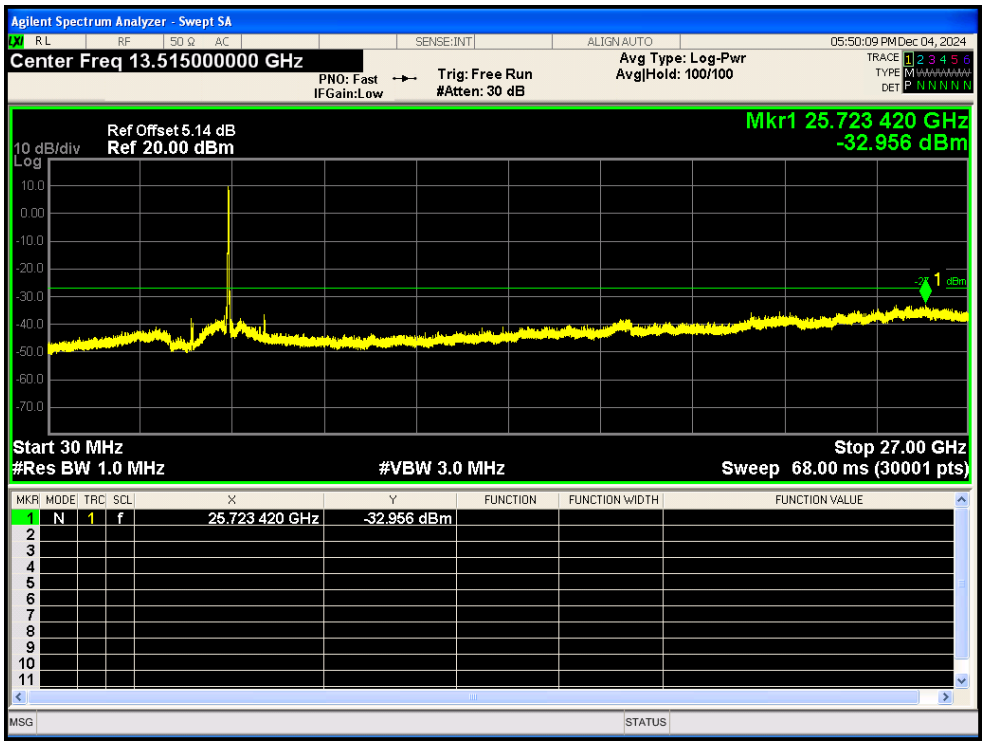
Tx. Spurious NVNT ax20 5320MHz Ant1 Emission



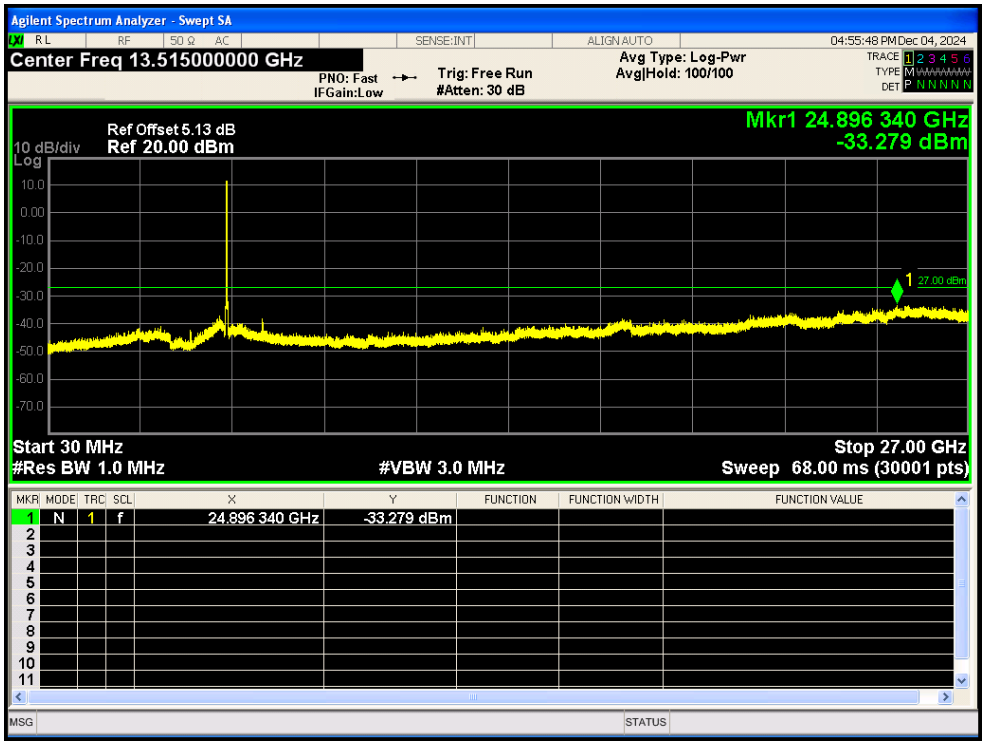
Tx. Spurious NVNT ax40 5270MHz Ant1 Emission



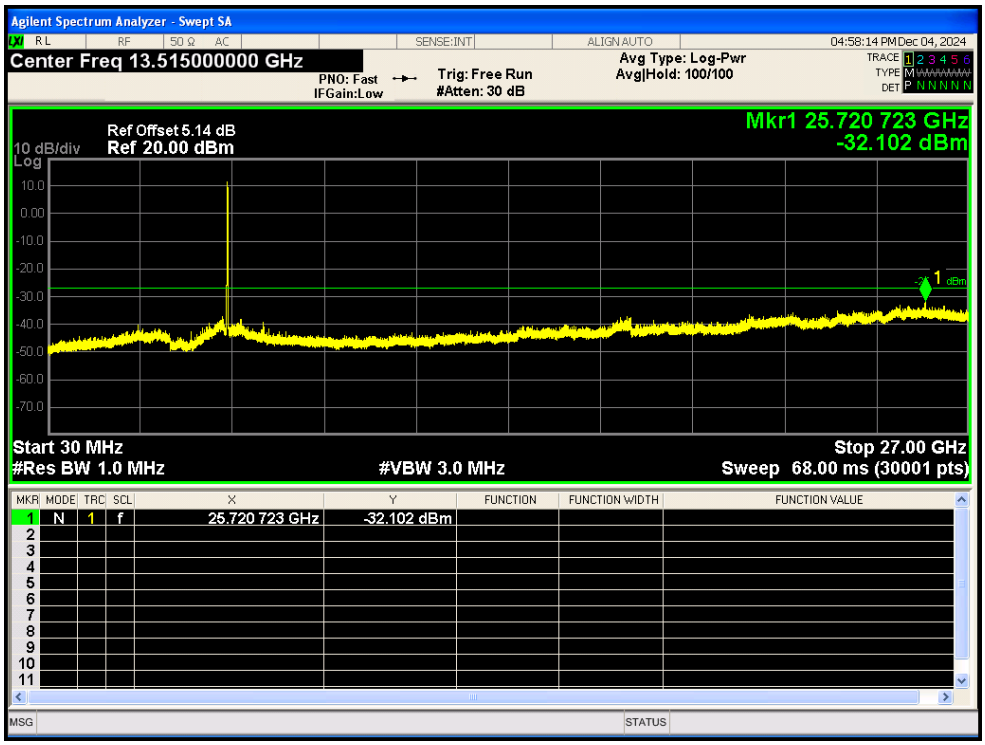
Tx. Spurious NVNT ax40 5310MHz Ant1 Emission



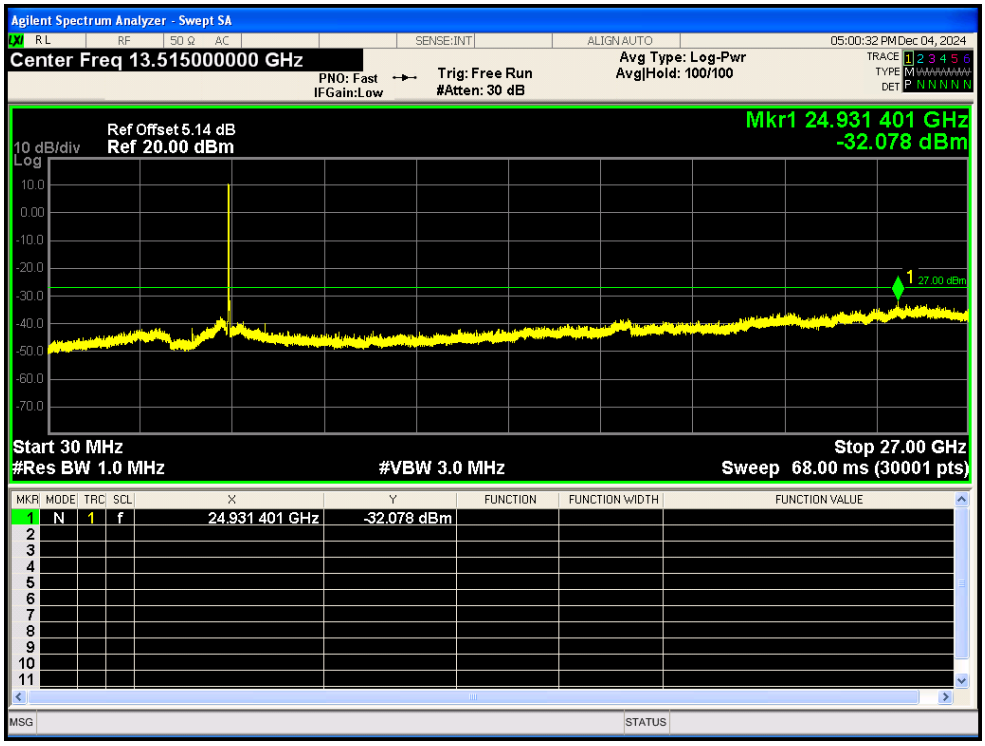
Tx. Spurious NVNT n20 5260MHz Ant1 Emission



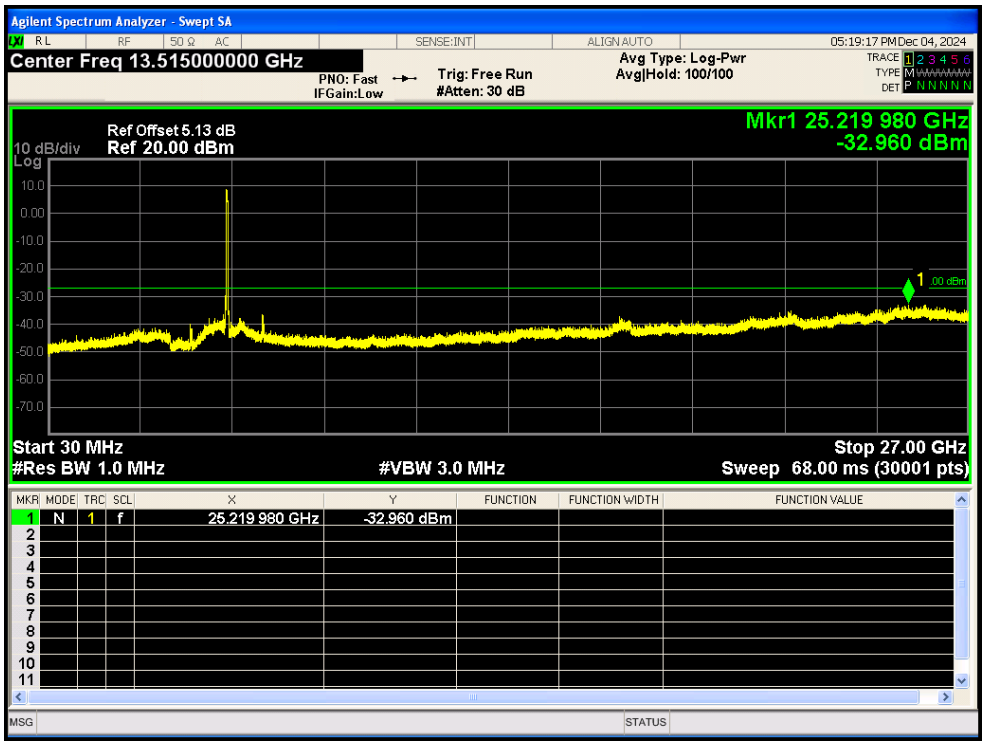
Tx. Spurious NVNT n20 5280MHz Ant1 Emission



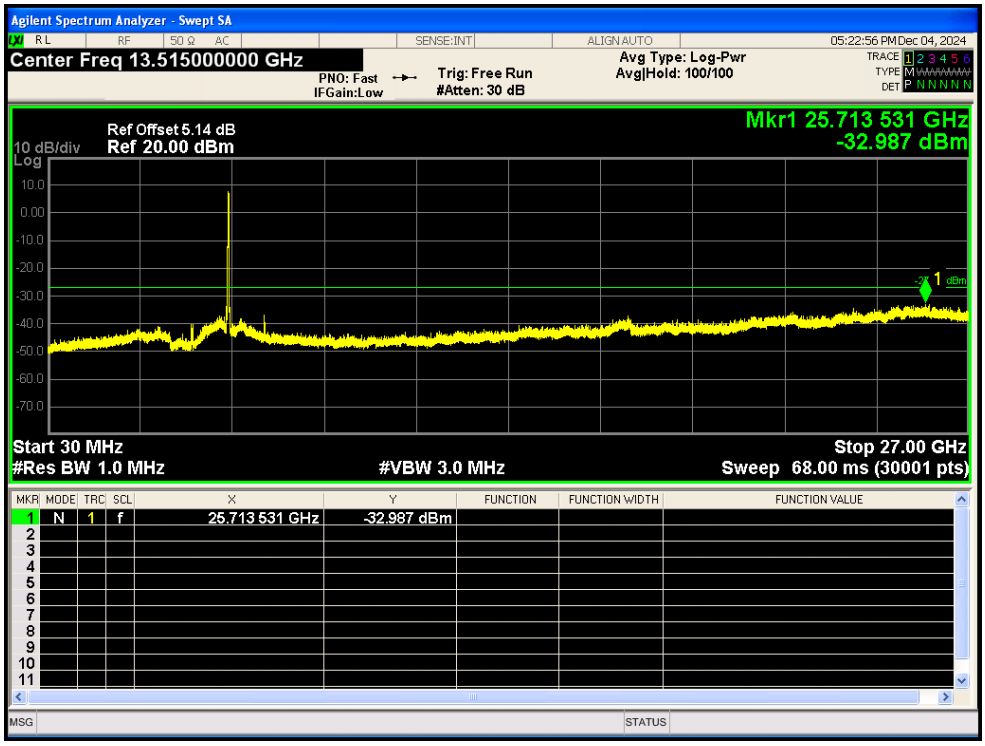
Tx. Spurious NVNT n20 5320MHz Ant1 Emission



Tx. Spurious NVNT n40 5270MHz Ant1 Emission



Tx. Spurious NVNT n40 5310MHz Ant1 Emission

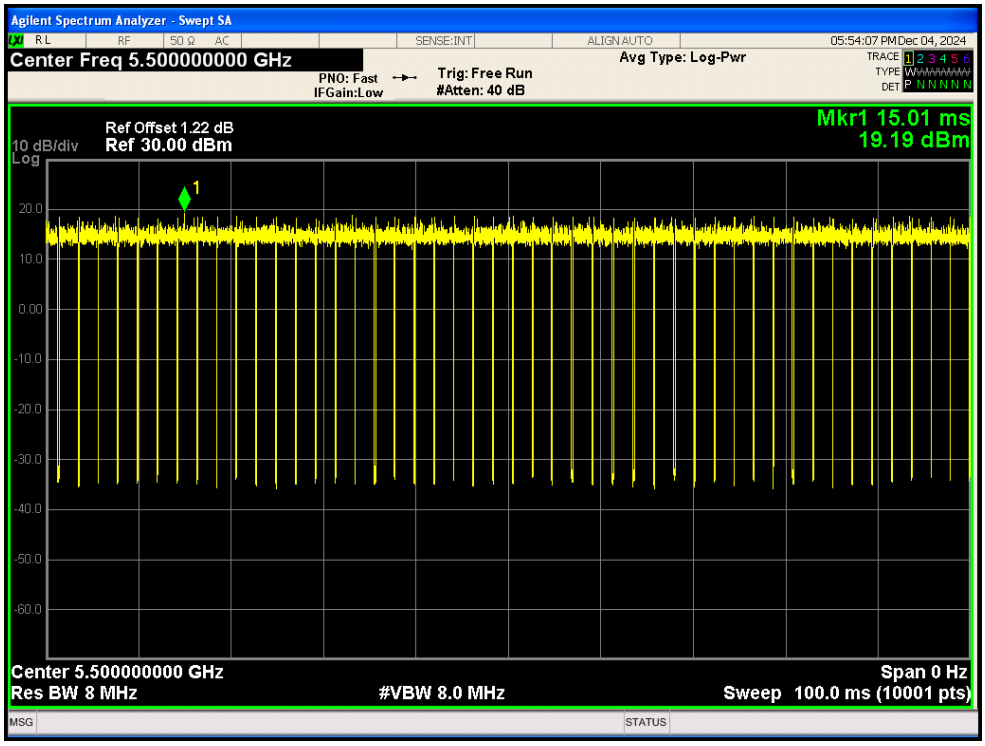


WIFI 5.6G

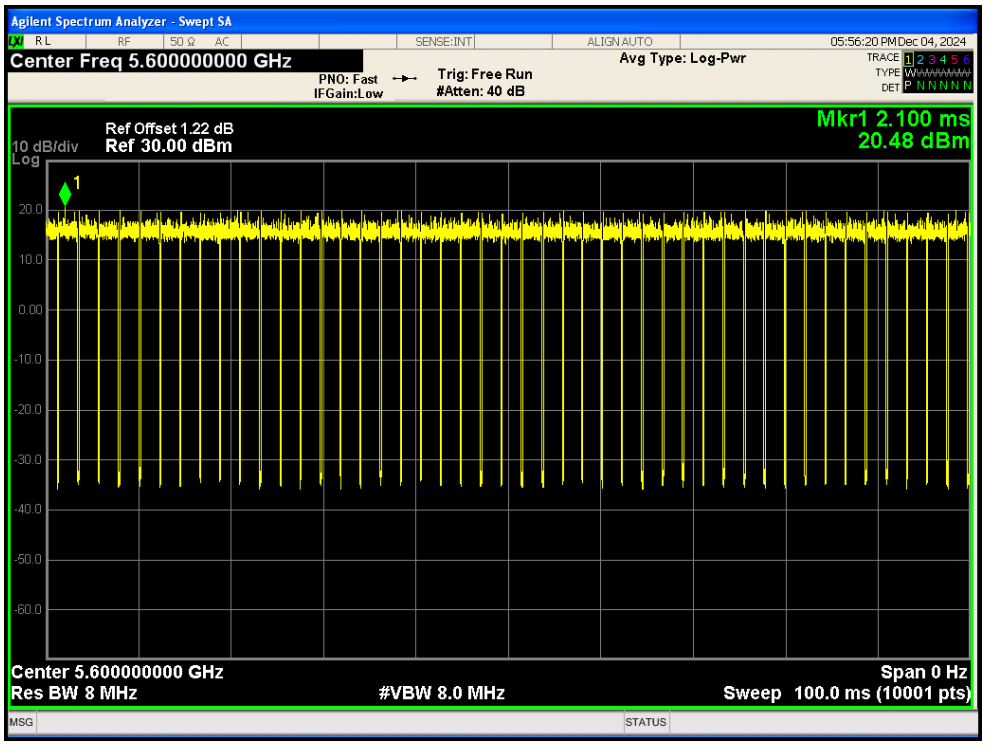
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5500	Ant1	95.33	0.21
NVNT	a	5600	Ant1	93.26	0.3
NVNT	a	5700	Ant1	94.95	0.23
NVNT	ac20	5500	Ant1	94.69	0.24
NVNT	ac20	5600	Ant1	94.76	0.23
NVNT	ac20	5700	Ant1	95.03	0.22
NVNT	ac40	5510	Ant1	91.03	0.41
NVNT	ac40	5590	Ant1	89.78	0.47
NVNT	ac40	5670	Ant1	89.63	0.48
NVNT	ax20	5500	Ant1	93.65	0.28
NVNT	ax20	5600	Ant1	89.39	0.49
NVNT	ax20	5700	Ant1	92.35	0.35
NVNT	ax40	5510	Ant1	89.04	0.5
NVNT	ax40	5590	Ant1	88.34	0.54
NVNT	ax40	5670	Ant1	82.78	0.82
NVNT	n20	5500	Ant1	95.33	0.21
NVNT	n20	5600	Ant1	94.85	0.23
NVNT	n20	5700	Ant1	94.88	0.23
NVNT	n40	5510	Ant1	90.12	0.45
NVNT	n40	5590	Ant1	90.49	0.43
NVNT	n40	5670	Ant1	91.15	0.4

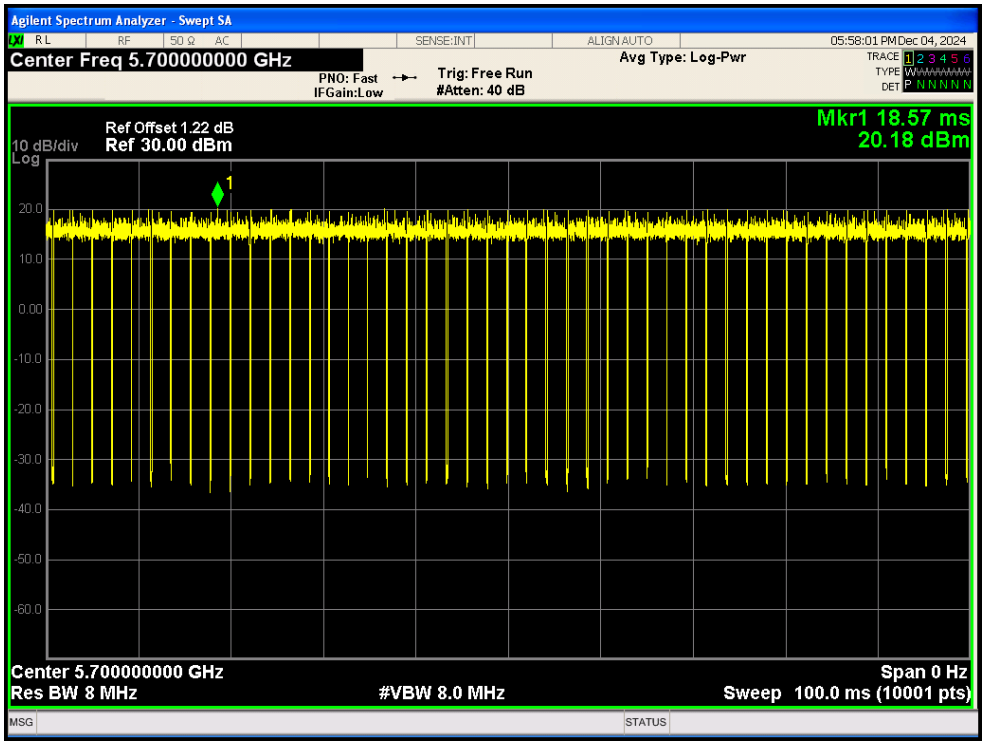
Duty Cycle NVNT a 5500MHz Ant1



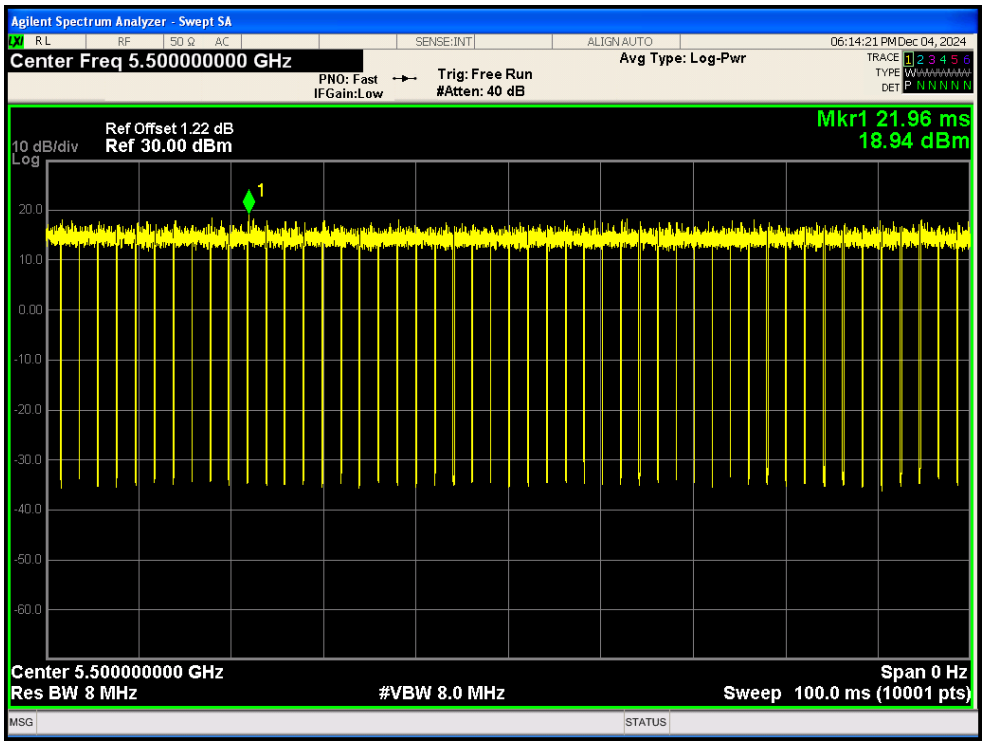
Duty Cycle NVNT a 5600MHz Ant1



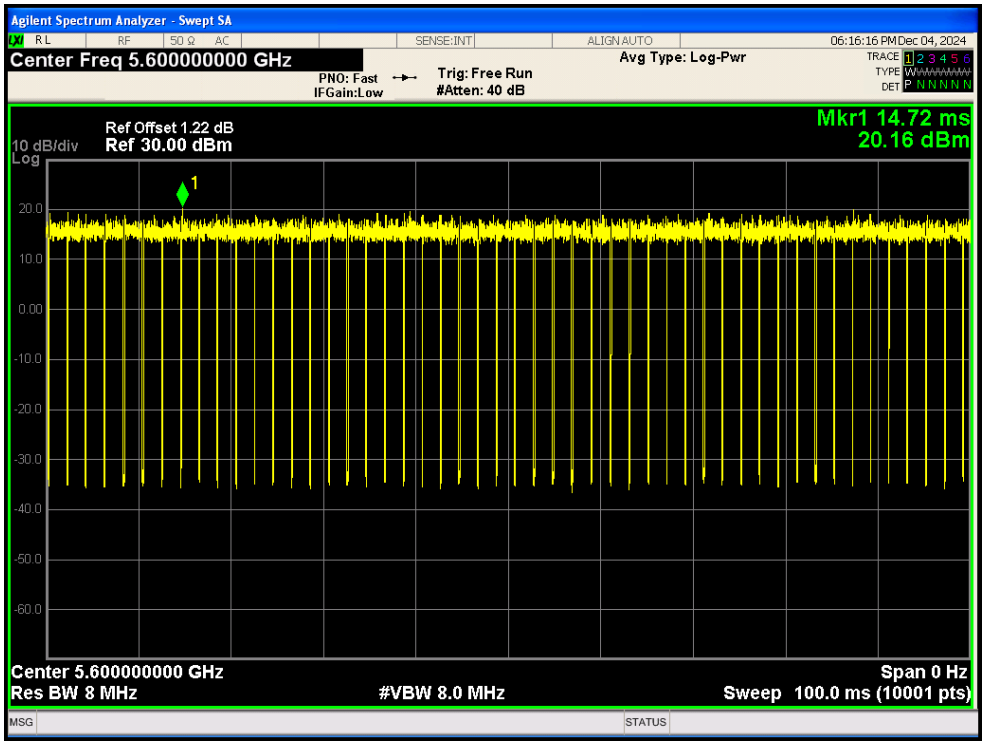
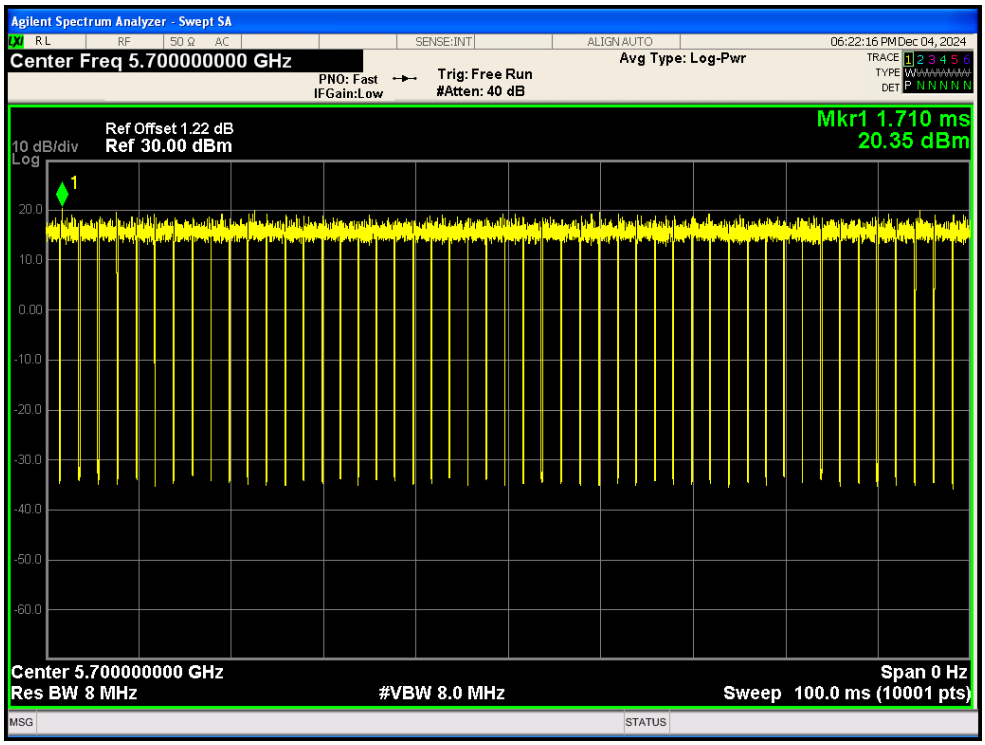
Duty Cycle NVNT a 5700MHz Ant1



Duty Cycle NVNT ac20 5500MHz Ant1



Duty Cycle NVNT ac20 5600MHz Ant1



Duty Cycle NVNT ac20 5700MHz Ant1