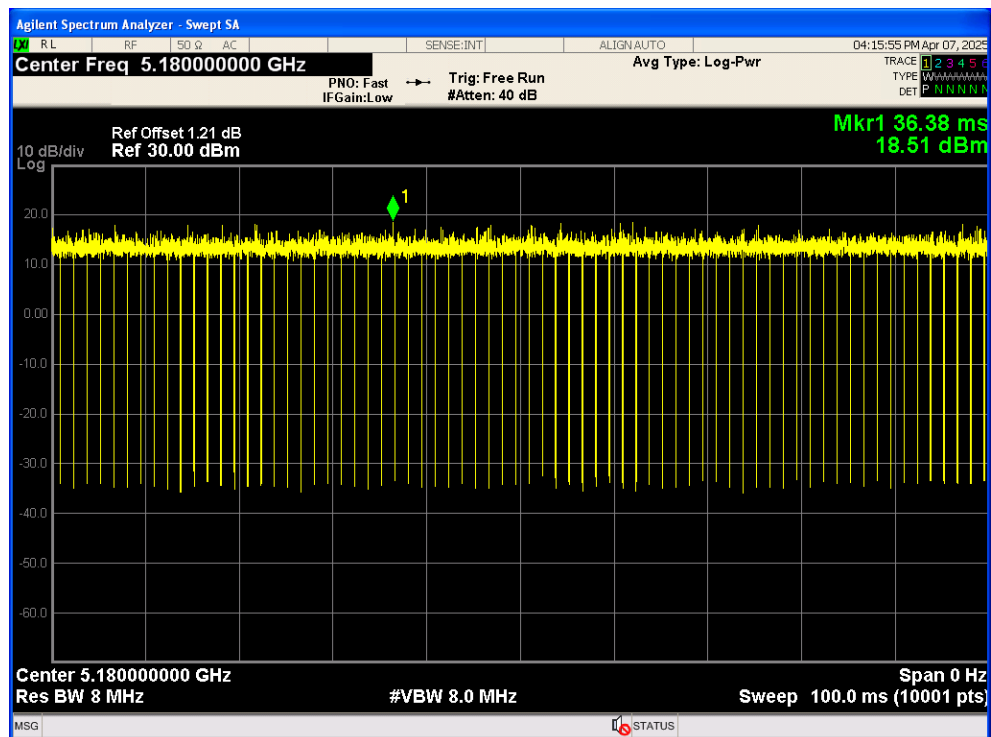


WIFI 5.2G:

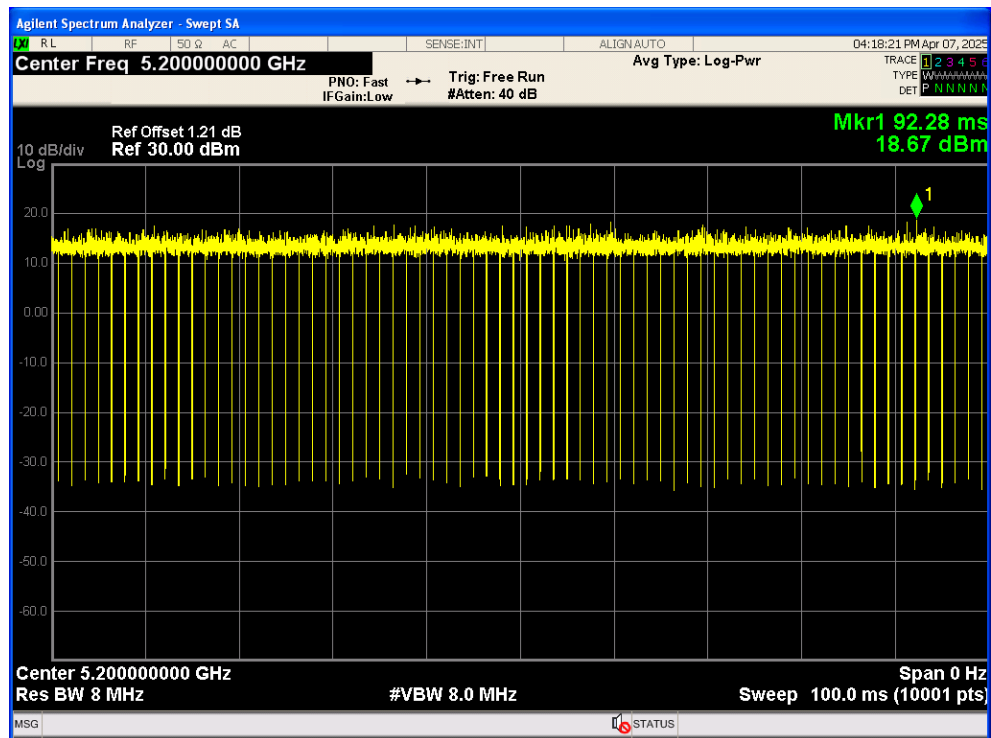
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant1	98.19	0.08
NVNT	a	5200	Ant1	98.19	0.08
NVNT	a	5240	Ant1	98.16	0.08
NVNT	ac20	5180	Ant1	98.08	0.08
NVNT	ac20	5200	Ant1	98.1	0.08
NVNT	ac20	5240	Ant1	98.07	0.08
NVNT	ac40	5190	Ant1	96.39	0.16
NVNT	ac40	5230	Ant1	96.37	0.16
NVNT	ac80	5210	Ant1	93.16	0.31
NVNT	n20	5180	Ant1	98.07	0.08
NVNT	n20	5200	Ant1	98.07	0.08
NVNT	n20	5240	Ant1	98.06	0.09
NVNT	n40	5190	Ant1	96.36	0.16
NVNT	n40	5230	Ant1	96.34	0.16

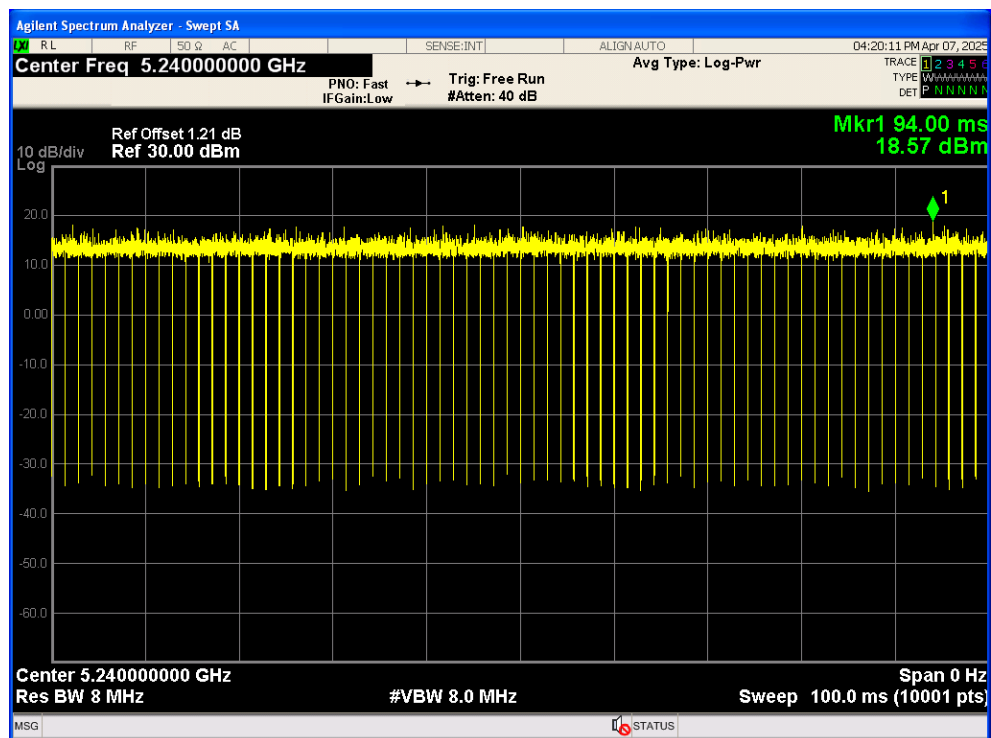
Duty Cycle NVNT a 5180MHz Ant1



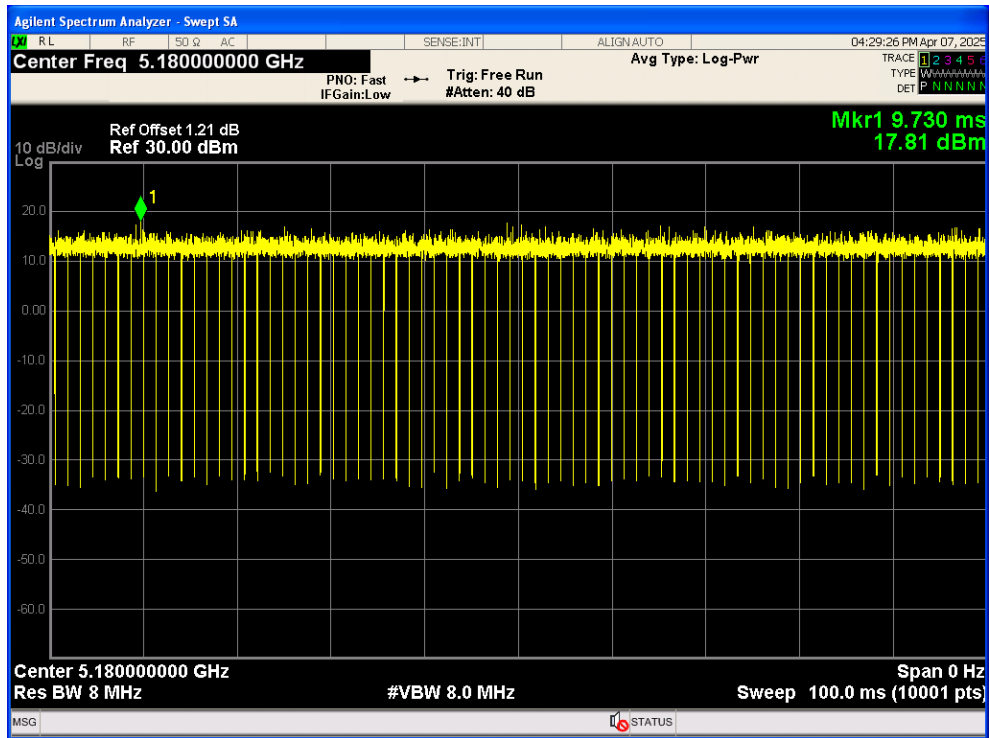
Duty Cycle NVNT a 5200MHz Ant1



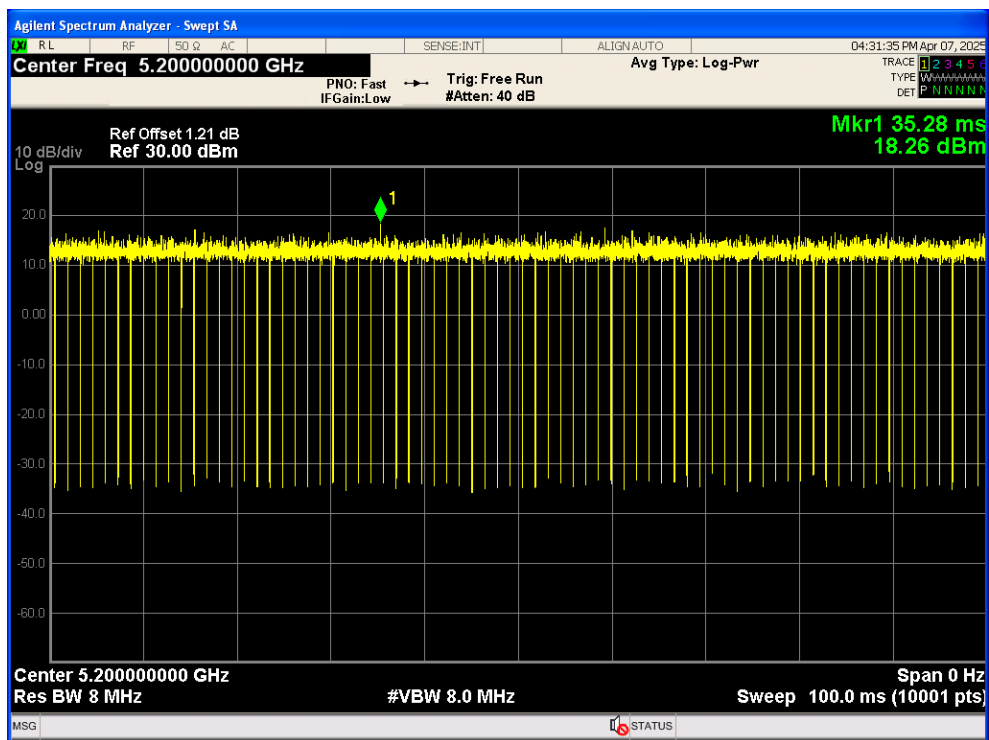
Duty Cycle NVNT a 5240MHz Ant1



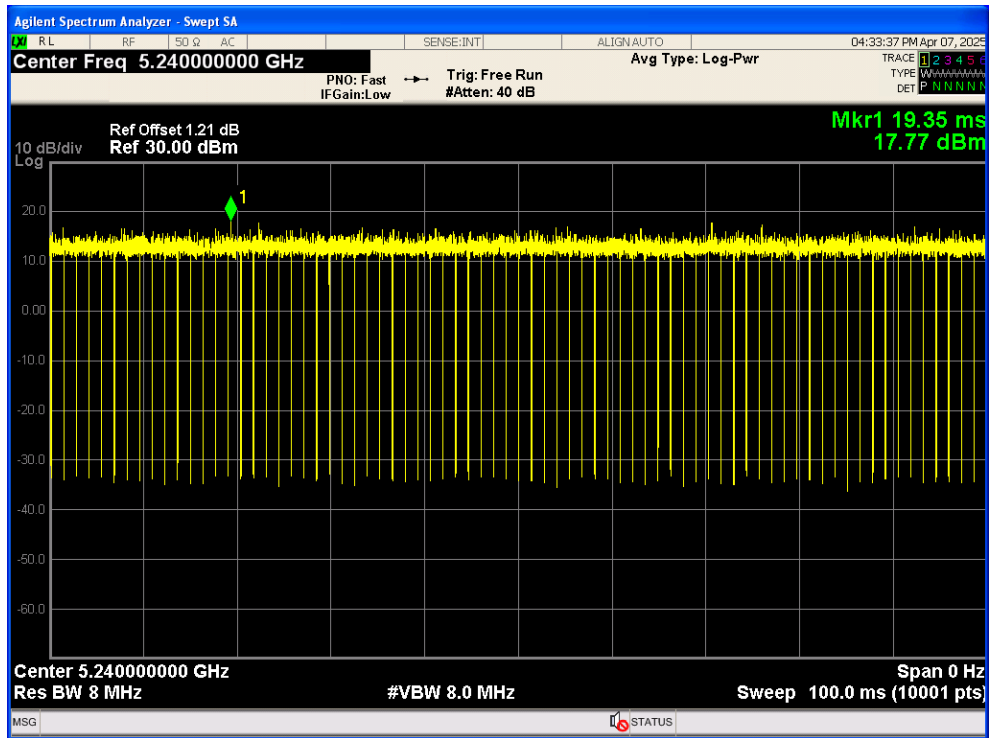
Duty Cycle NVNT ac20 5180MHz Ant1



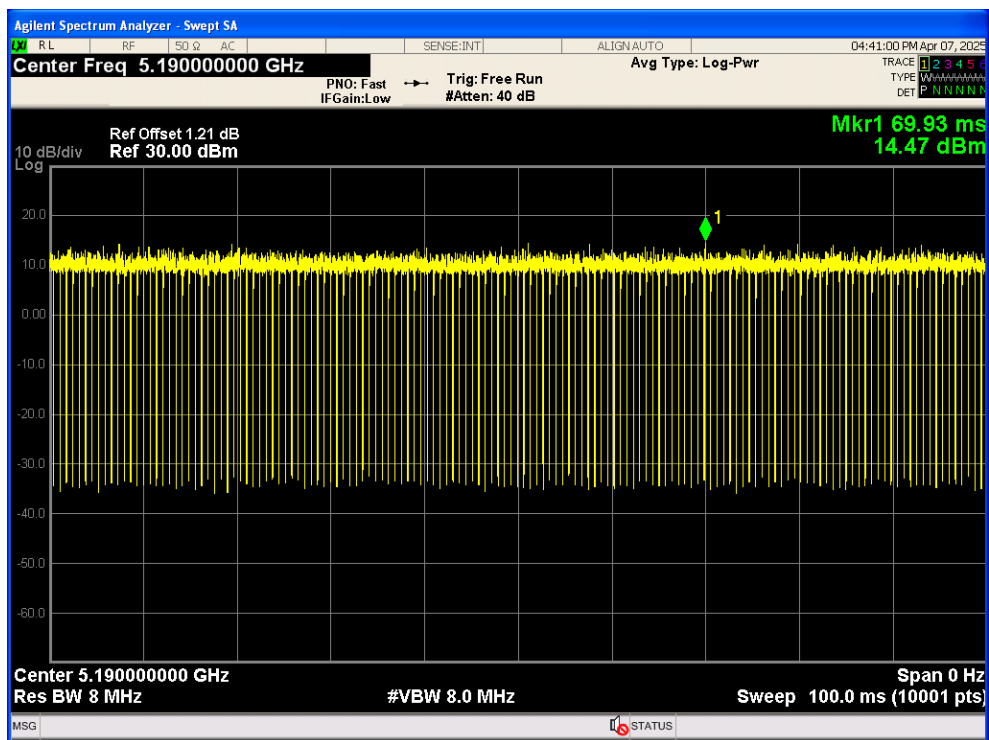
Duty Cycle NVNT ac20 5200MHz Ant1



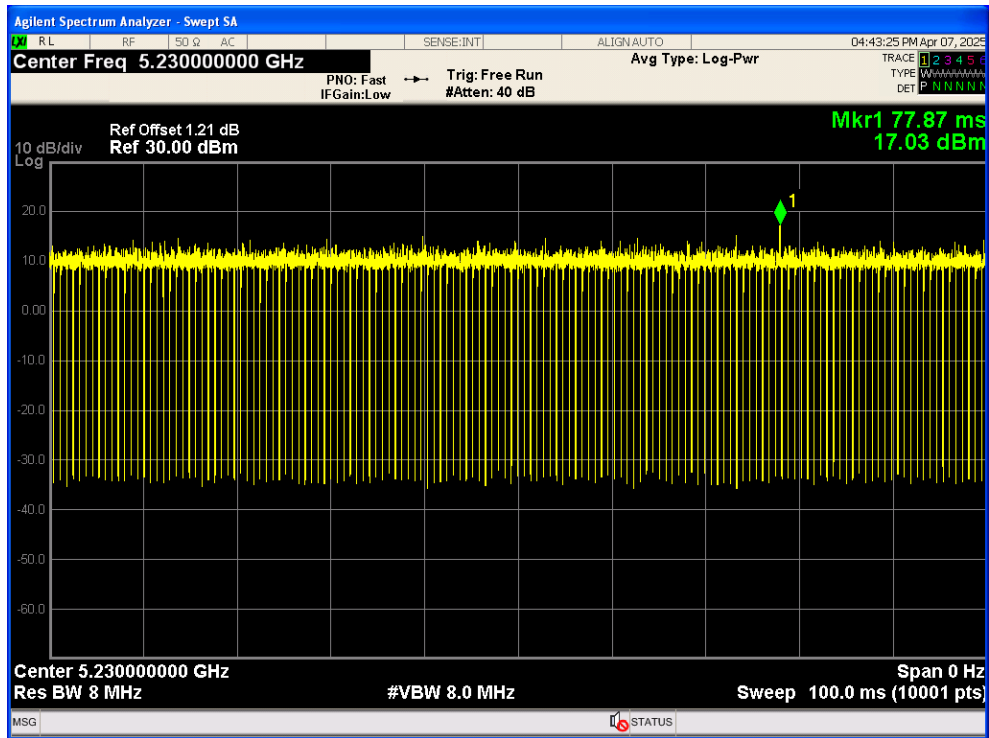
Duty Cycle NVNT ac20 5240MHz Ant1



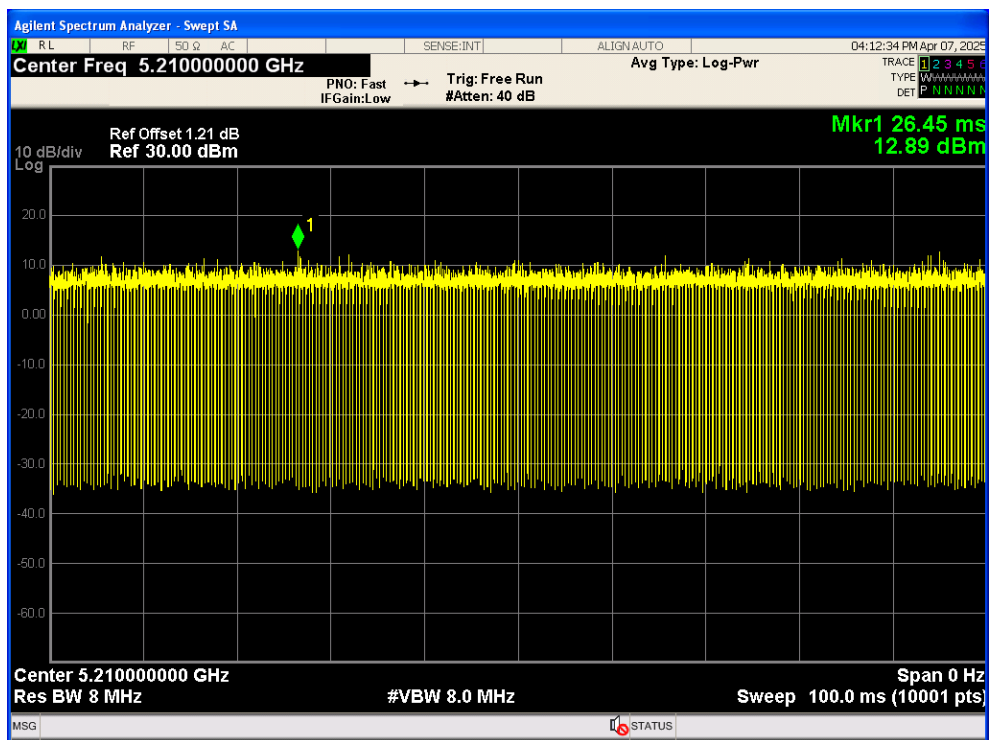
Duty Cycle NVNT ac40 5190MHz Ant1



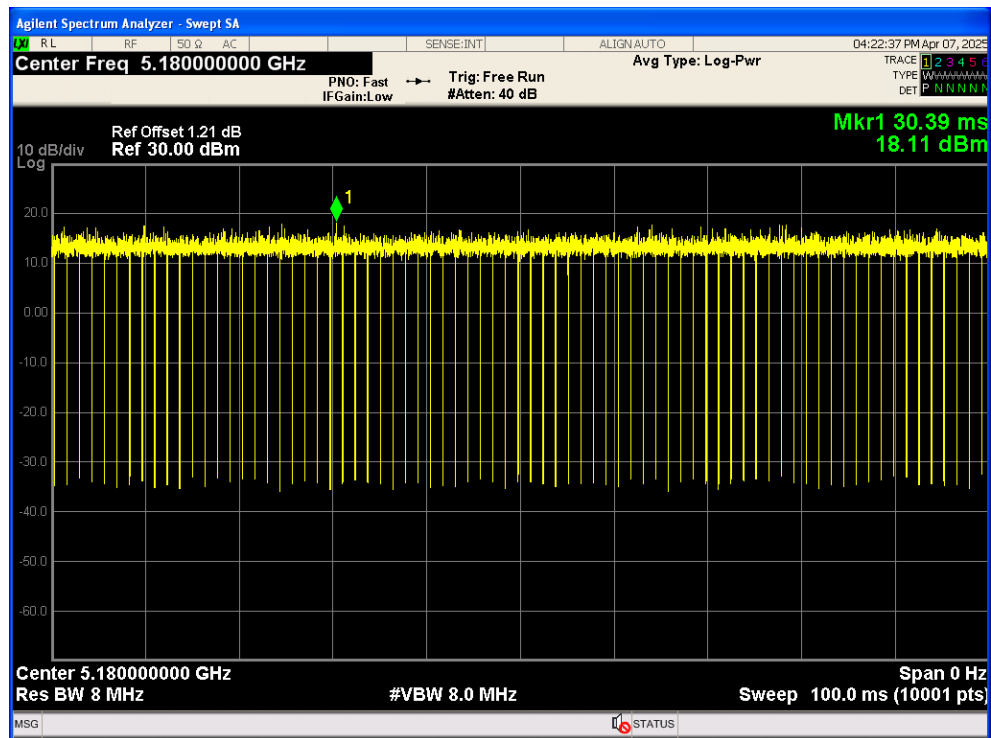
Duty Cycle NVNT ac40 5230MHz Ant1



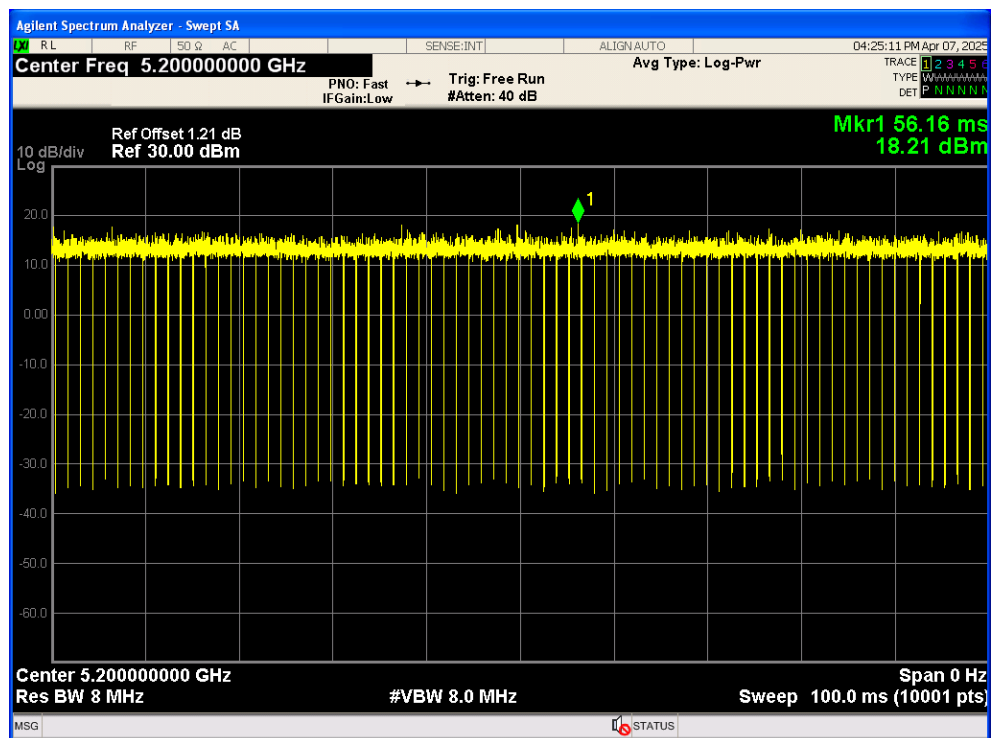
Duty Cycle NVNT ac80 5210MHz Ant1



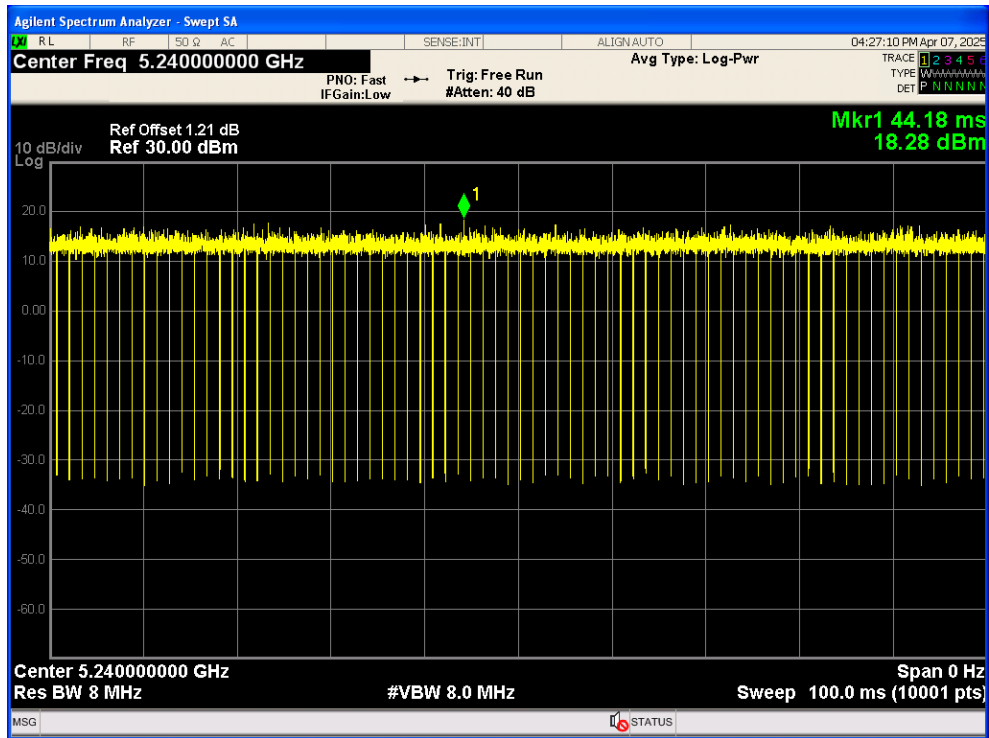
Duty Cycle NVNT n20 5180MHz Ant1



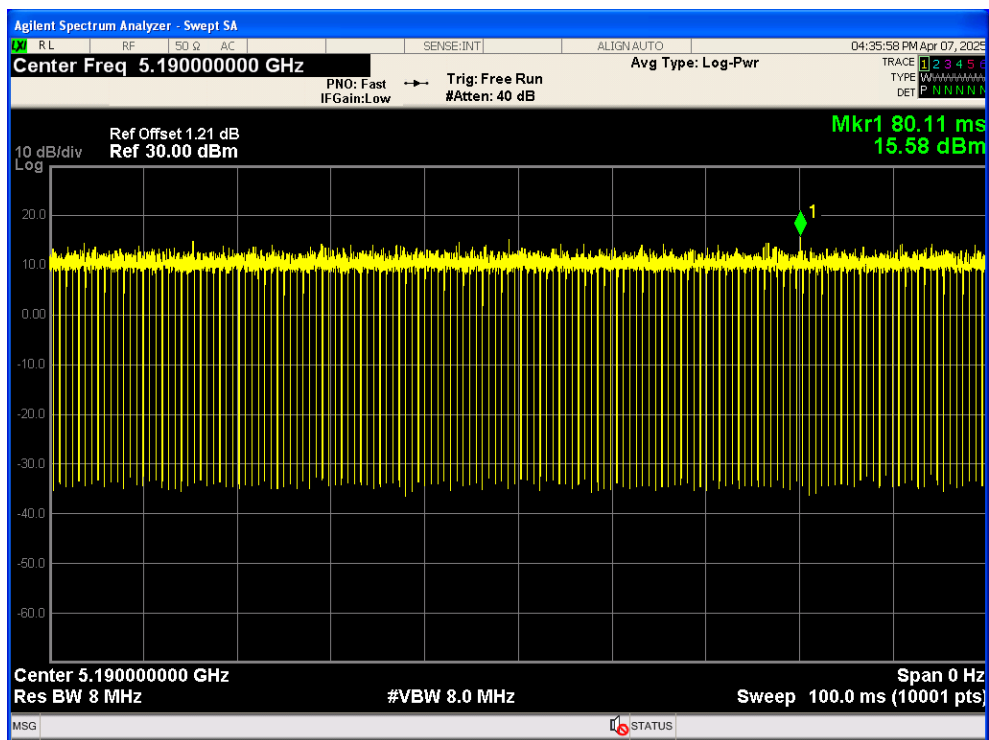
Duty Cycle NVNT n20 5200MHz Ant1



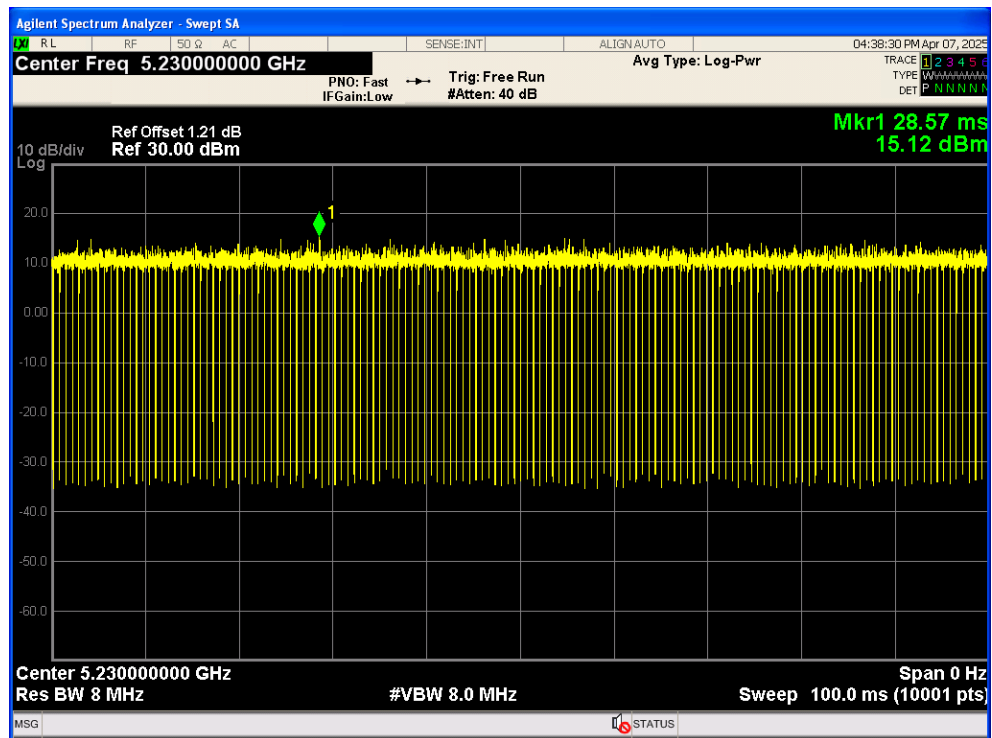
Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



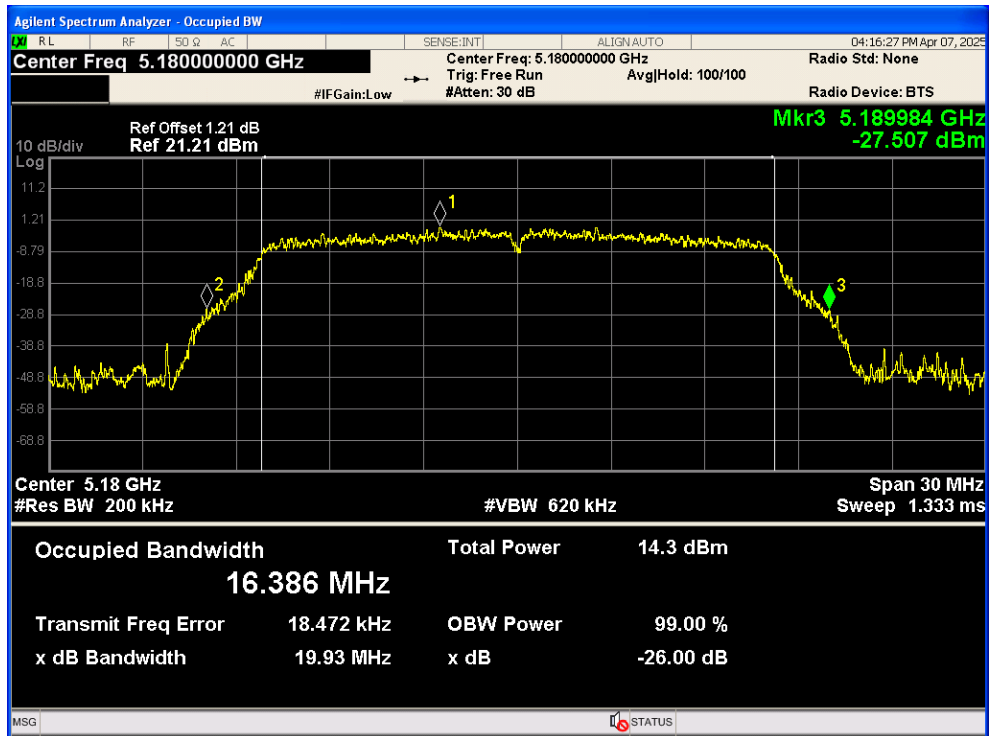
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	8.786	24	Pass
NVNT	a	5200	Ant1	8.35	24	Pass
NVNT	a	5240	Ant1	8.872	24	Pass
NVNT	ac20	5180	Ant1	8.328	24	Pass
NVNT	ac20	5200	Ant1	8.327	24	Pass
NVNT	ac20	5240	Ant1	8.334	24	Pass
NVNT	ac40	5190	Ant1	8.415	24	Pass
NVNT	ac40	5230	Ant1	8.451	24	Pass
NVNT	ac80	5210	Ant1	8.849	24	Pass
NVNT	n20	5180	Ant1	8.541	24	Pass
NVNT	n20	5200	Ant1	8.276	24	Pass
NVNT	n20	5240	Ant1	8.291	24	Pass
NVNT	n40	5190	Ant1	8.441	24	Pass
NVNT	n40	5230	Ant1	8.462	24	Pass

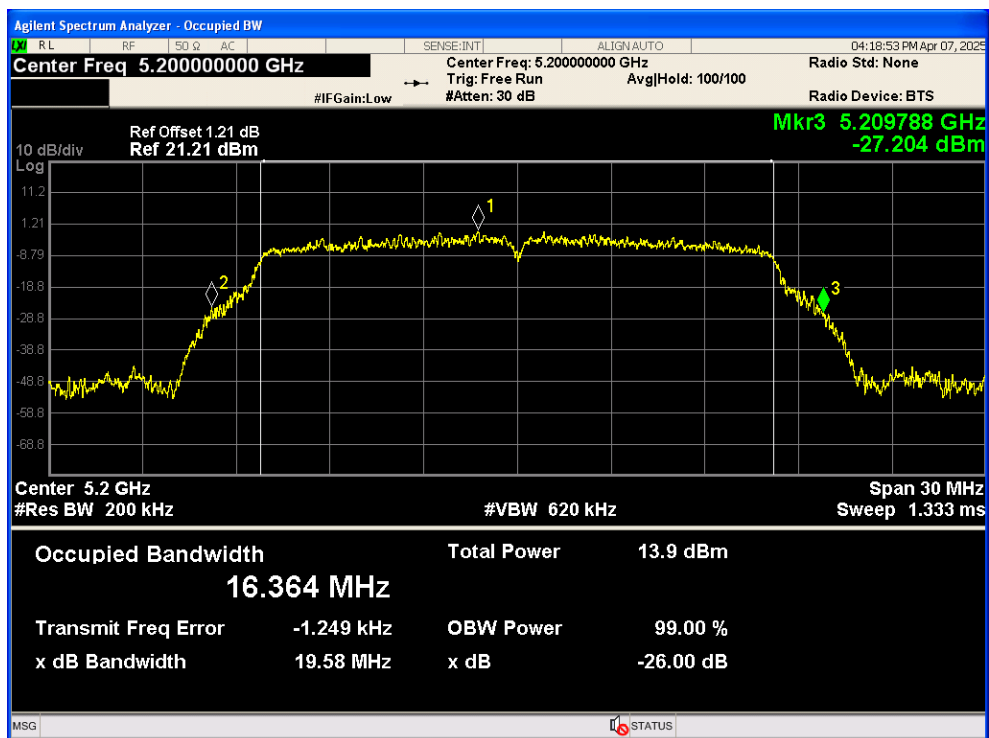
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5180	Ant1	19.931
NVNT	a	5200	Ant1	19.578
NVNT	a	5240	Ant1	19.625
NVNT	ac20	5180	Ant1	19.957
NVNT	ac20	5200	Ant1	19.823
NVNT	ac20	5240	Ant1	19.804
NVNT	ac40	5190	Ant1	40.353
NVNT	ac40	5230	Ant1	40.209
NVNT	ac80	5210	Ant1	80.428
NVNT	n20	5180	Ant1	19.959
NVNT	n20	5200	Ant1	20.042
NVNT	n20	5240	Ant1	19.956
NVNT	n40	5190	Ant1	40.36
NVNT	n40	5230	Ant1	40.008

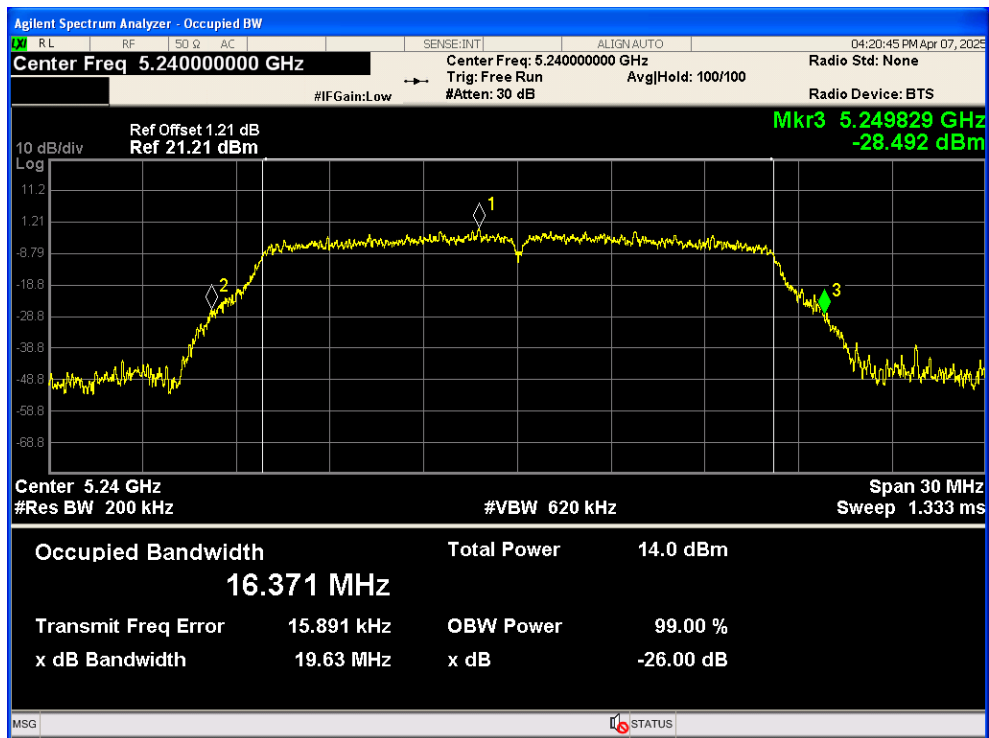
-26dB Bandwidth NVNT a 5180MHz Ant1



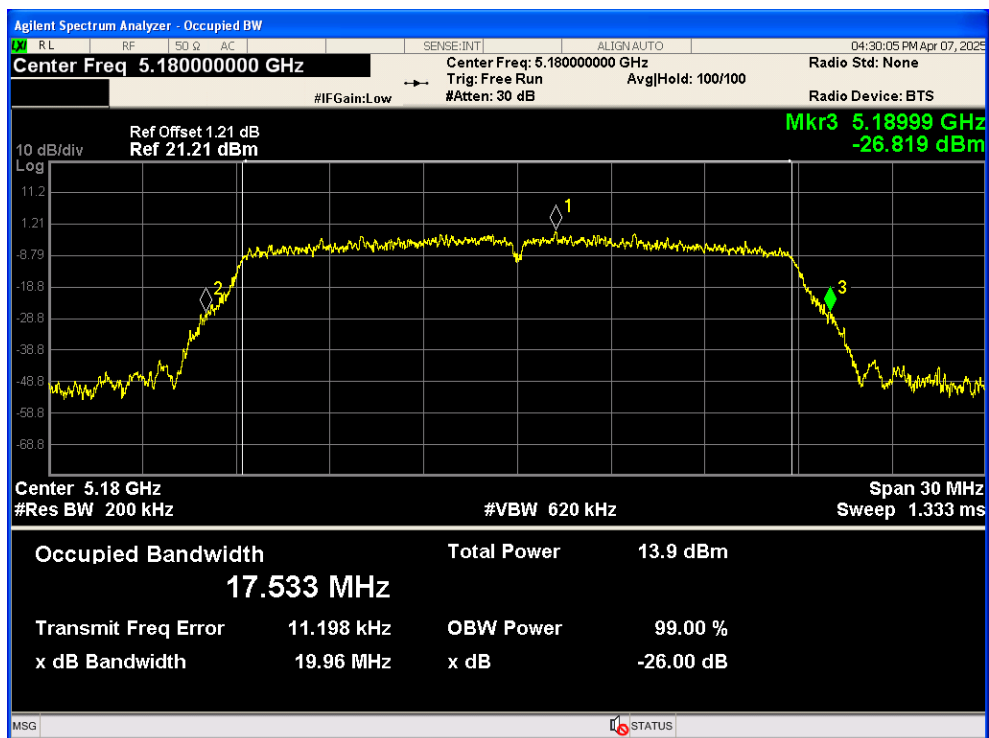
-26dB Bandwidth NVNT a 5200MHz Ant1



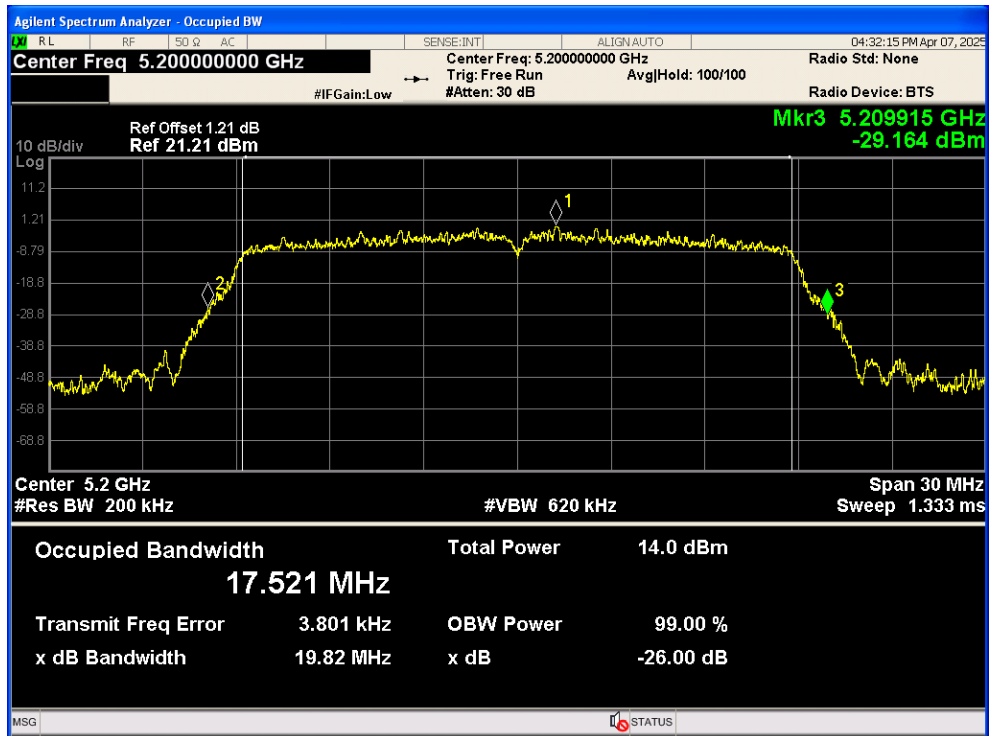
-26dB Bandwidth NVNT a 5240MHz Ant1



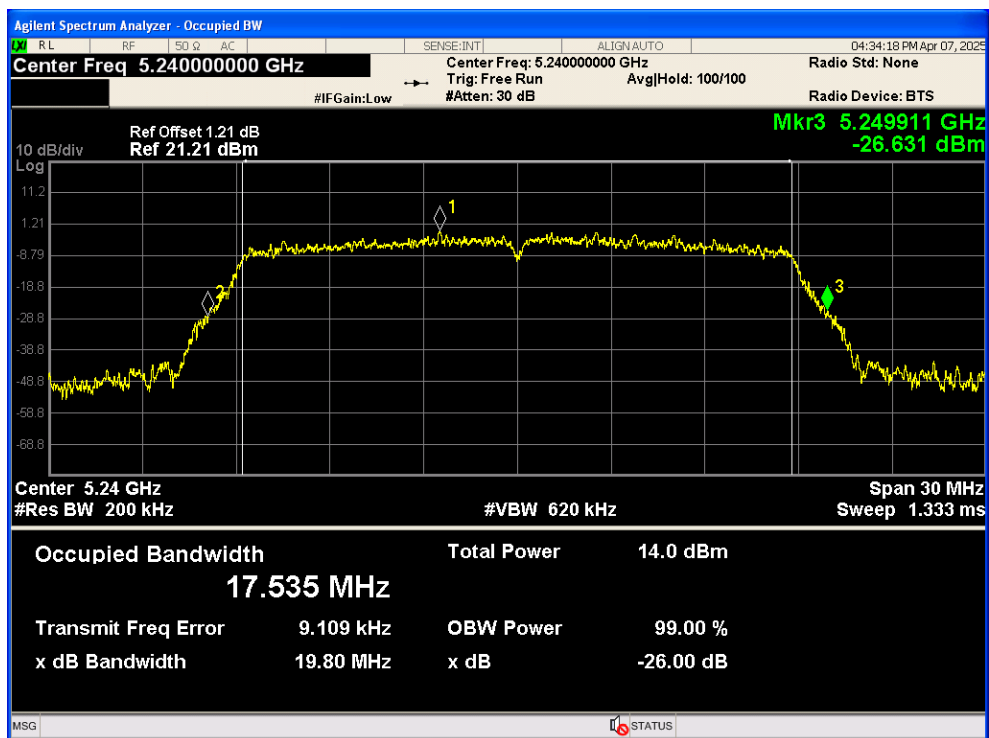
-26dB Bandwidth NVNT ac20 5180MHz Ant1



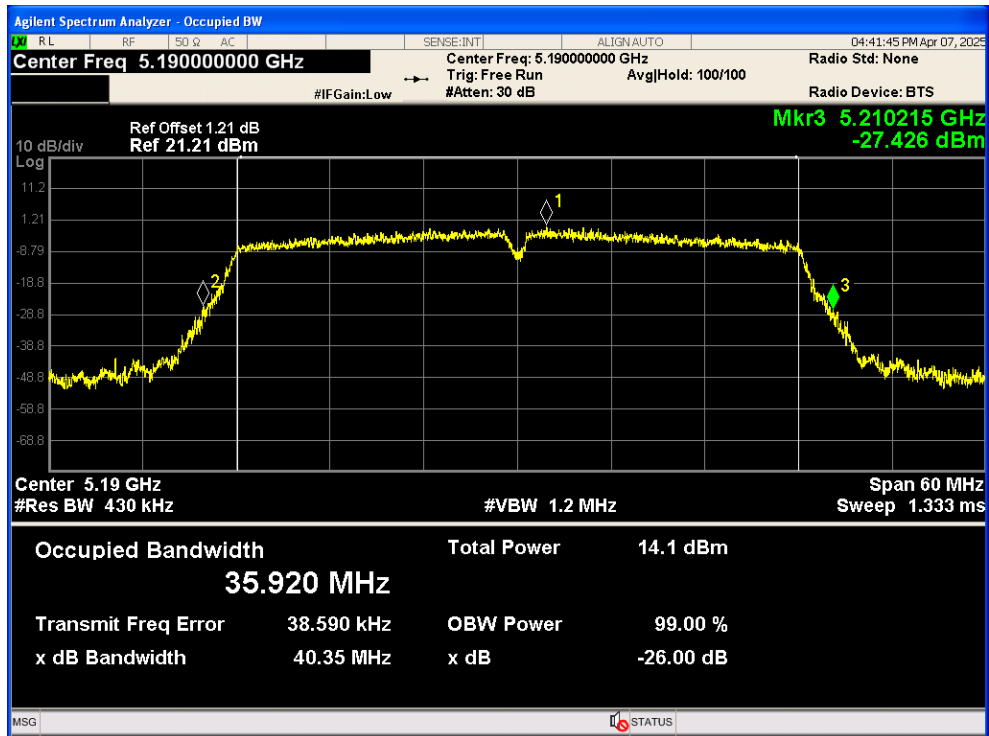
-26dB Bandwidth NVNT ac20 5200MHz Ant1



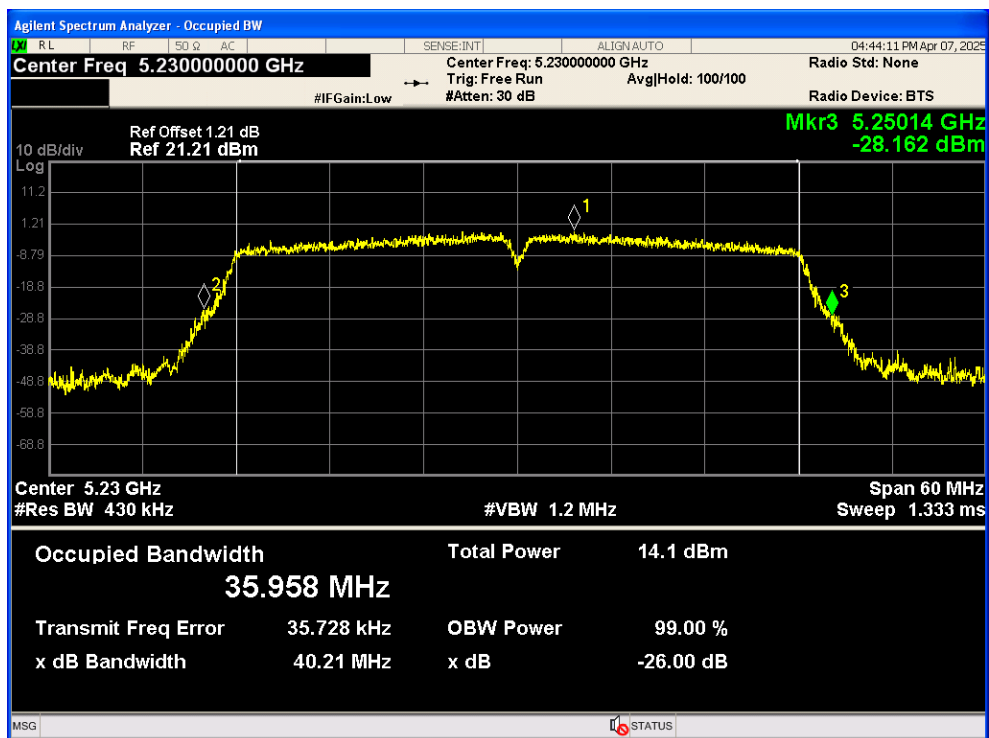
-26dB Bandwidth NVNT ac20 5240MHz Ant1



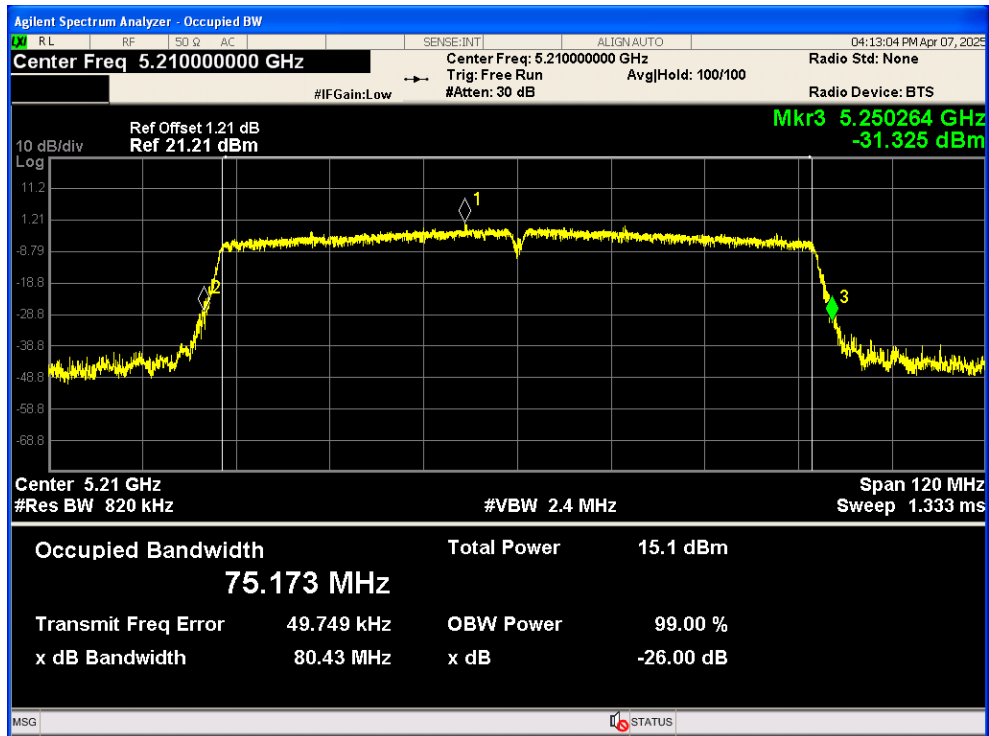
-26dB Bandwidth NVNT ac40 5190MHz Ant1



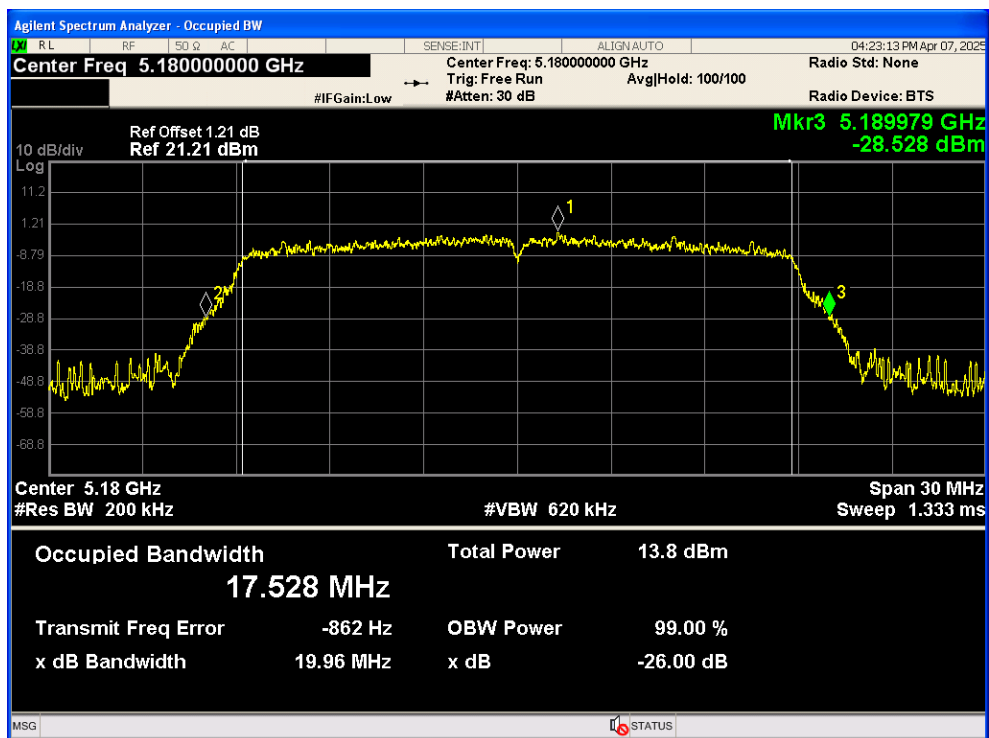
-26dB Bandwidth NVNT ac40 5230MHz Ant1



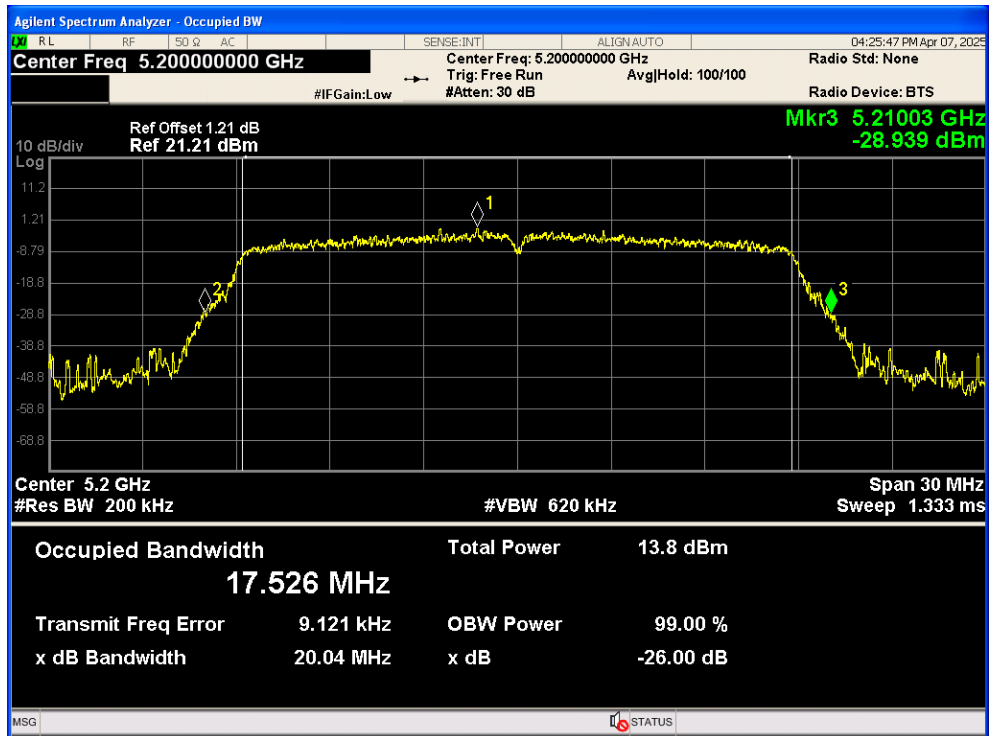
-26dB Bandwidth NVNT ac80 5210MHz Ant1



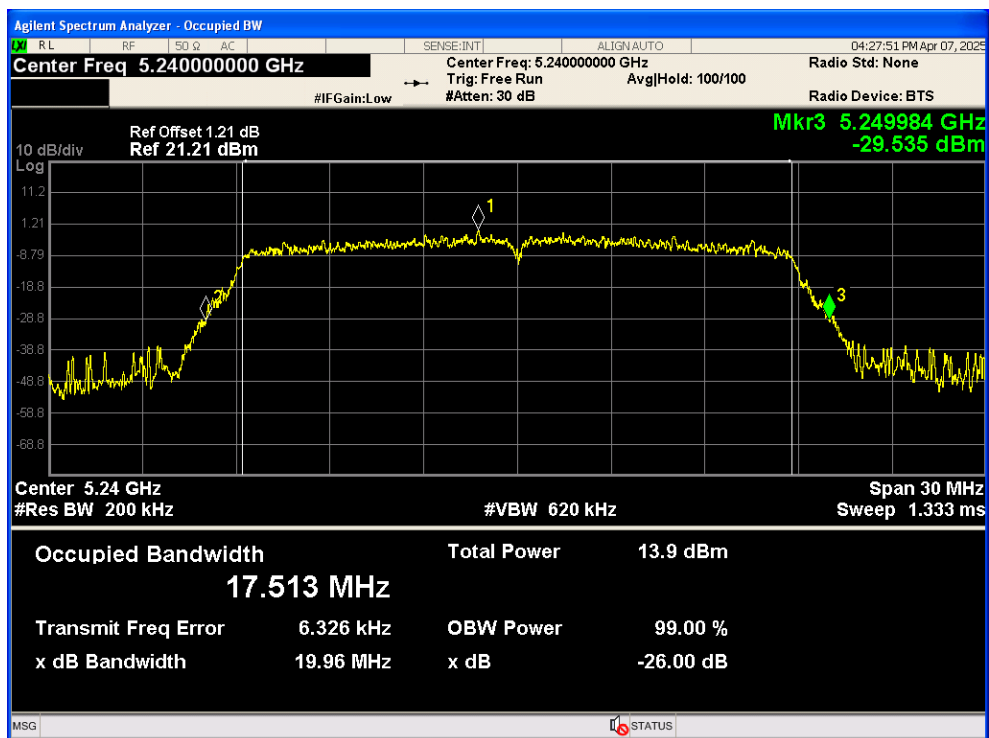
-26dB Bandwidth NVNT n20 5180MHz Ant1



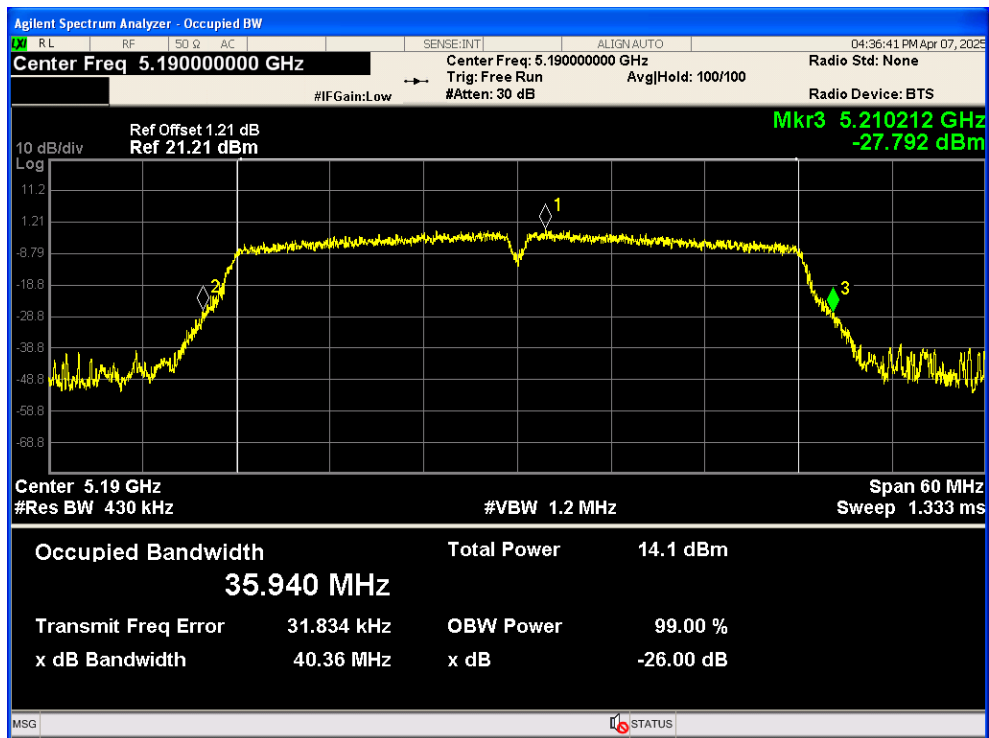
-26dB Bandwidth NVNT n20 5200MHz Ant1



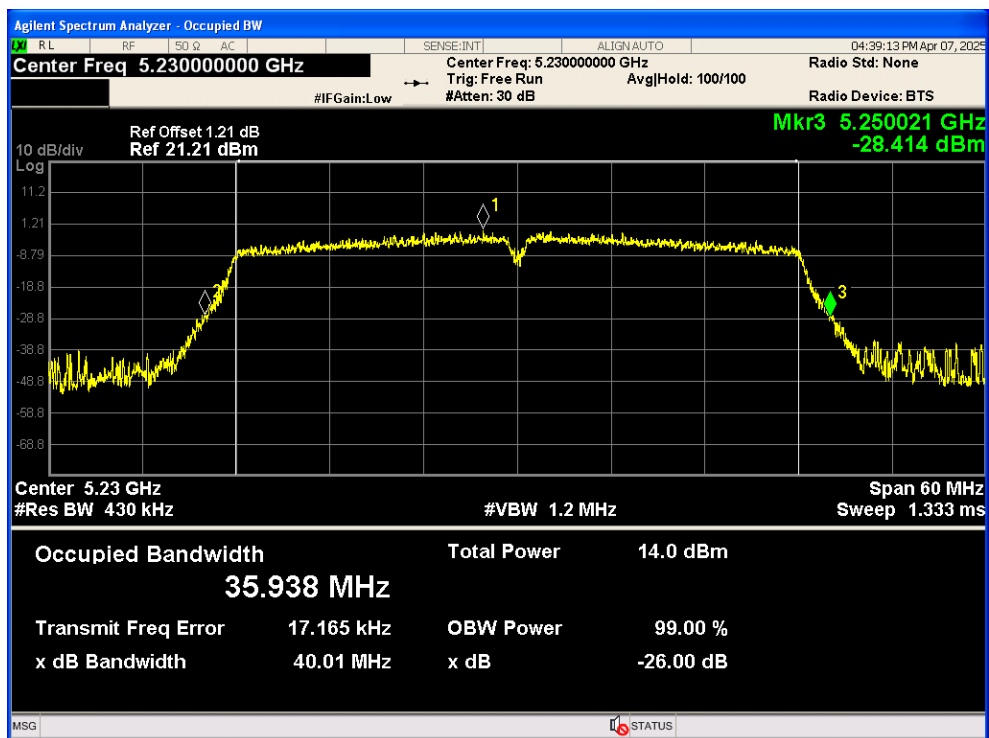
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



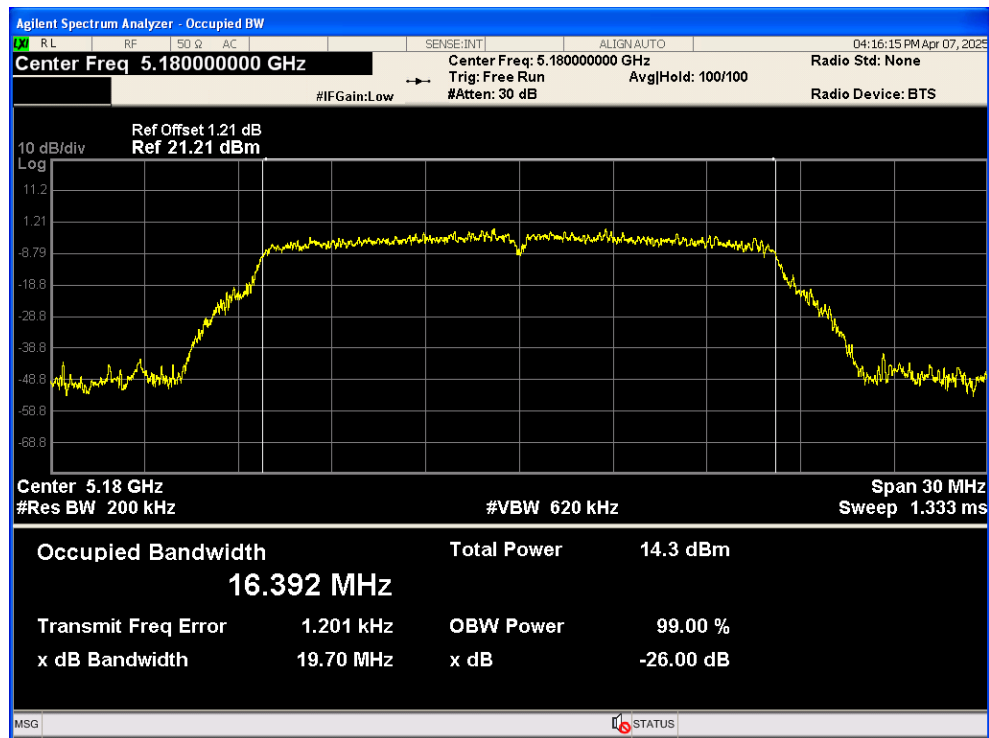
-26dB Bandwidth NVNT n40 5230MHz Ant1



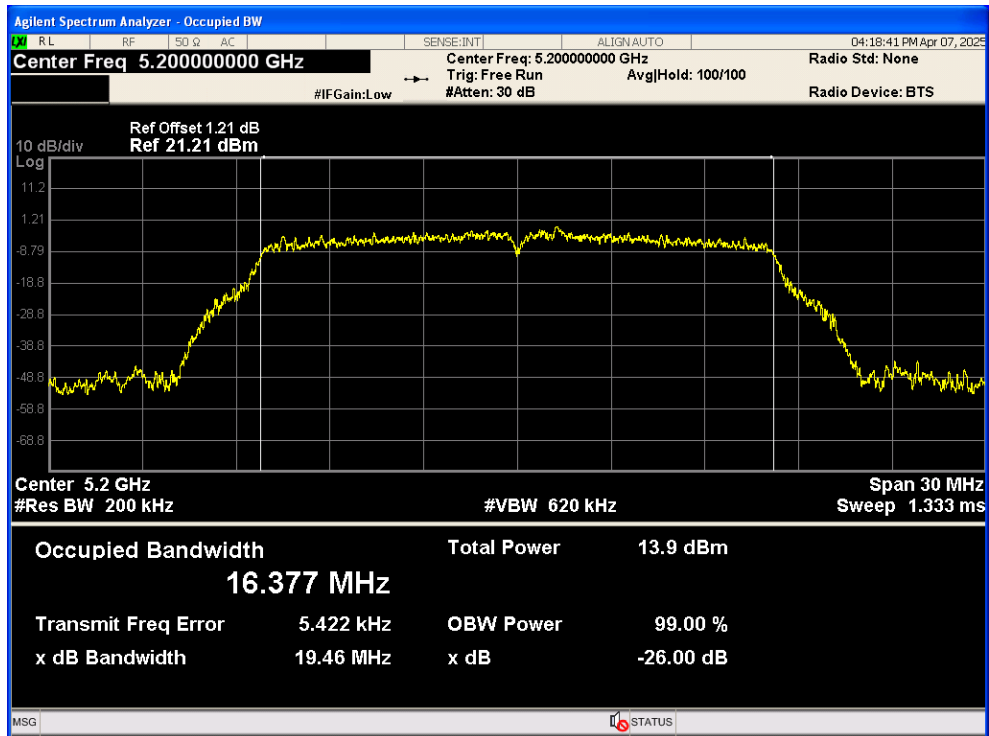
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.392
NVNT	a	5200	Ant1	16.377
NVNT	a	5240	Ant1	16.4
NVNT	ac20	5180	Ant1	17.537
NVNT	ac20	5200	Ant1	17.537
NVNT	ac20	5240	Ant1	17.534
NVNT	ac40	5190	Ant1	35.934
NVNT	ac40	5230	Ant1	35.939
NVNT	ac80	5210	Ant1	75.197
NVNT	n20	5180	Ant1	17.533
NVNT	n20	5200	Ant1	17.539
NVNT	n20	5240	Ant1	17.548
NVNT	n40	5190	Ant1	35.917
NVNT	n40	5230	Ant1	35.914

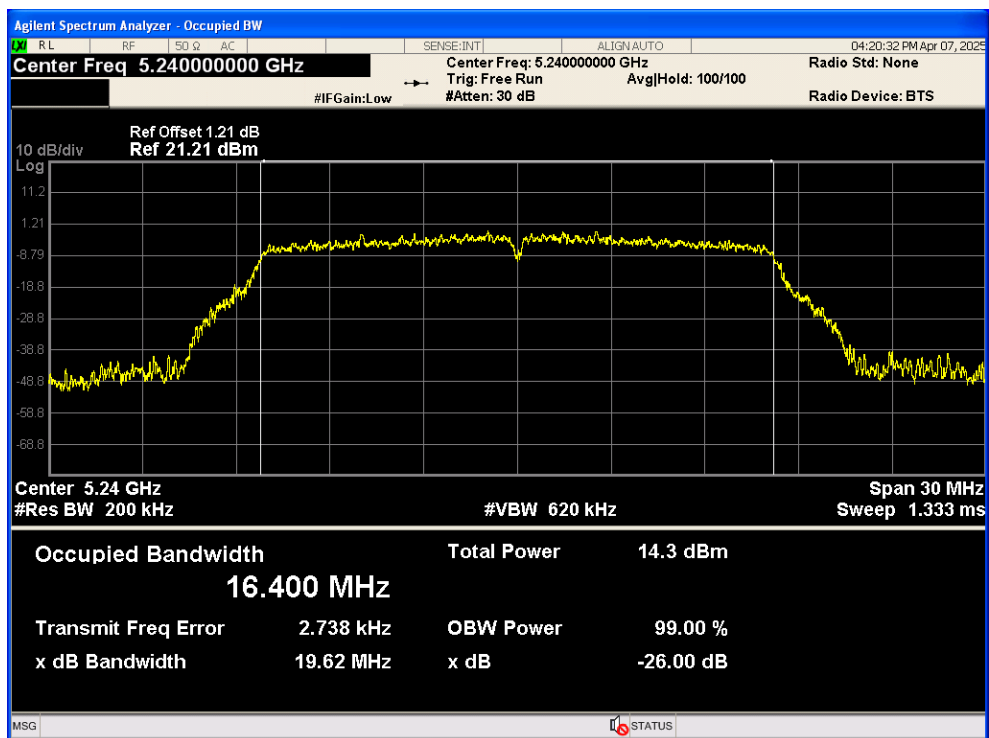
OBW NVNT a 5180MHz Ant1



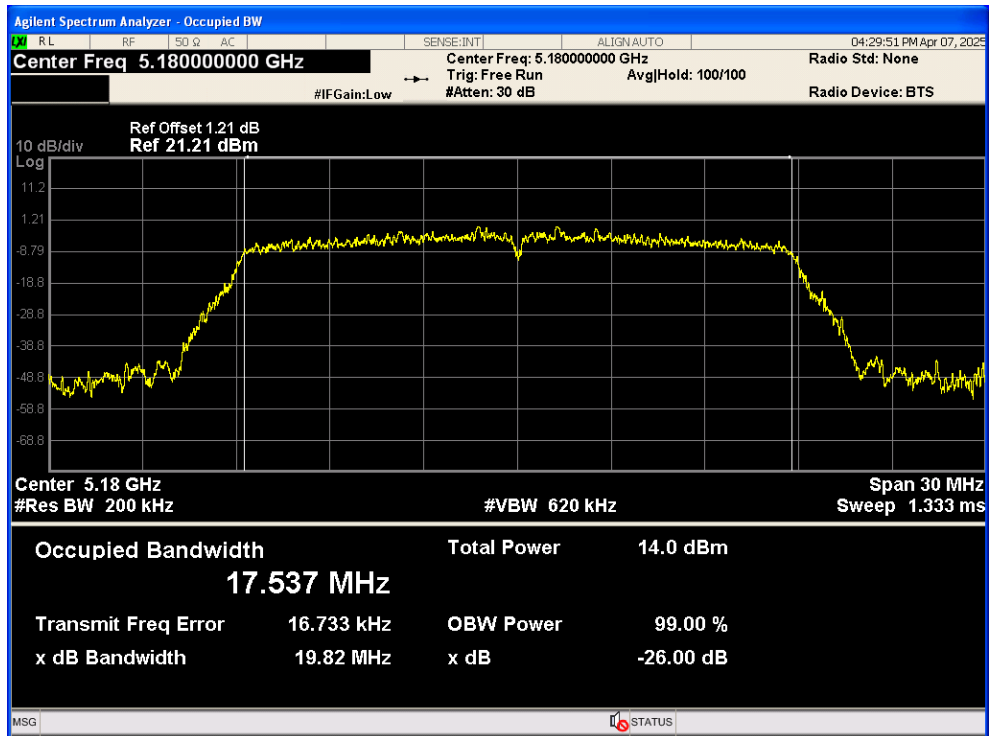
OBW NVNT a 5200MHz Ant1



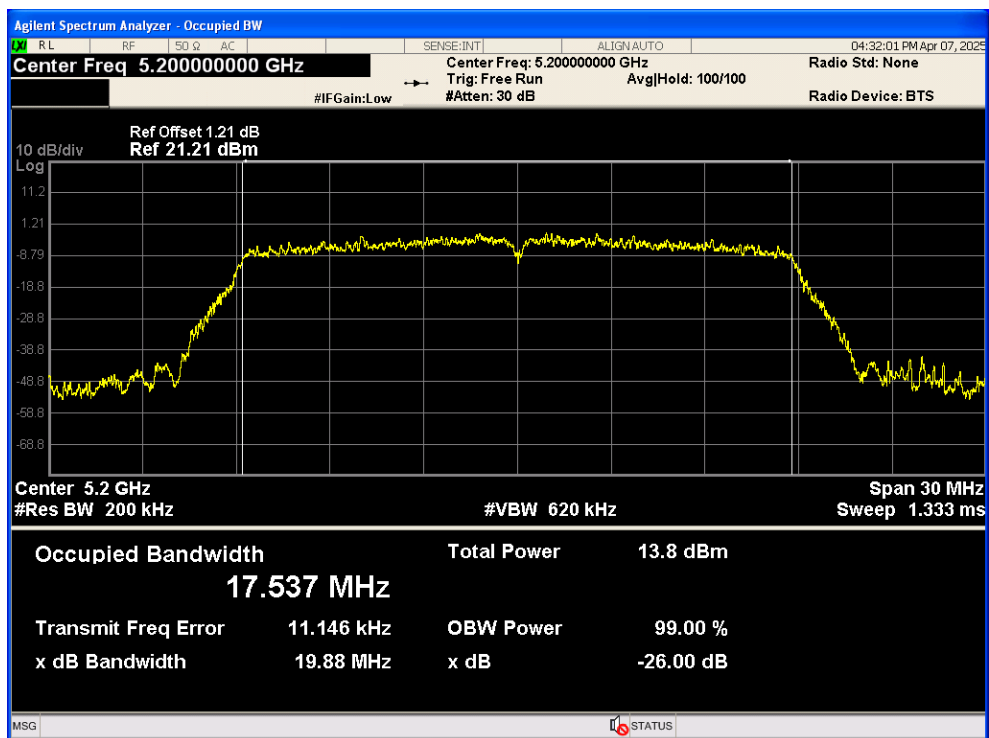
OBW NVNT a 5240MHz Ant1



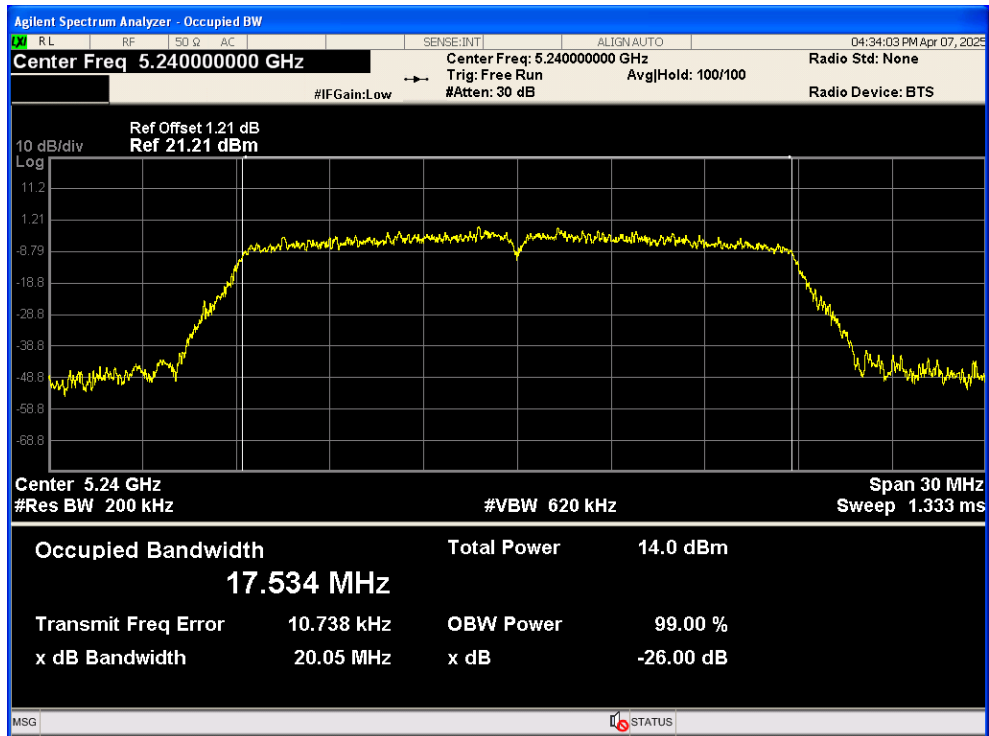
OBW NVNT ac20 5180MHz Ant1



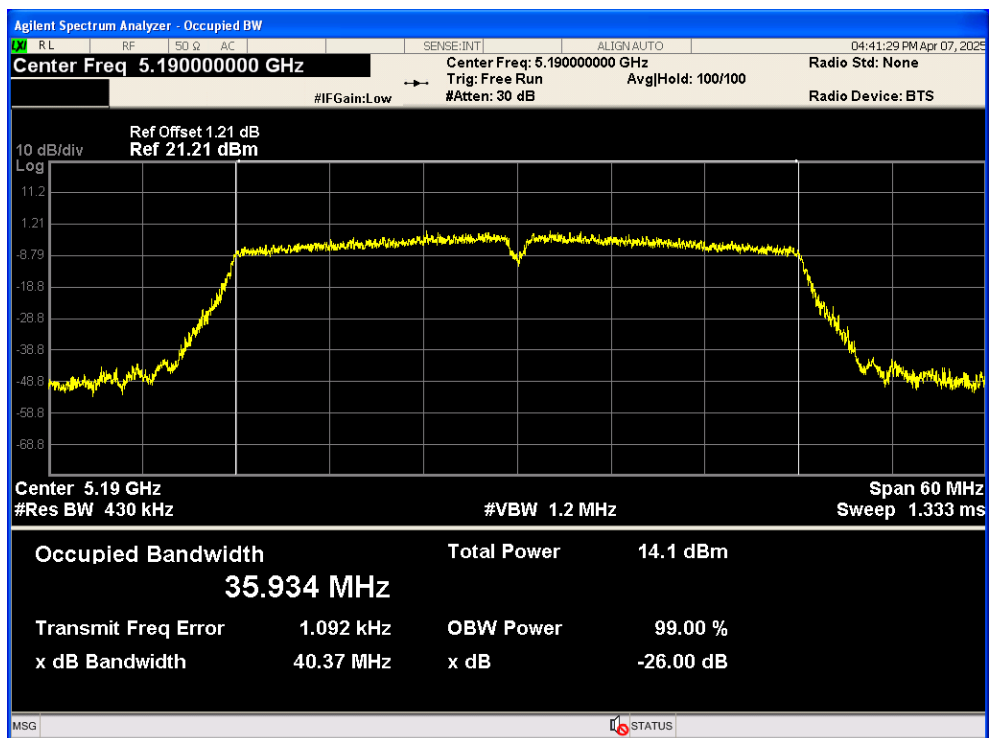
OBW NVNT ac20 5200MHz Ant1



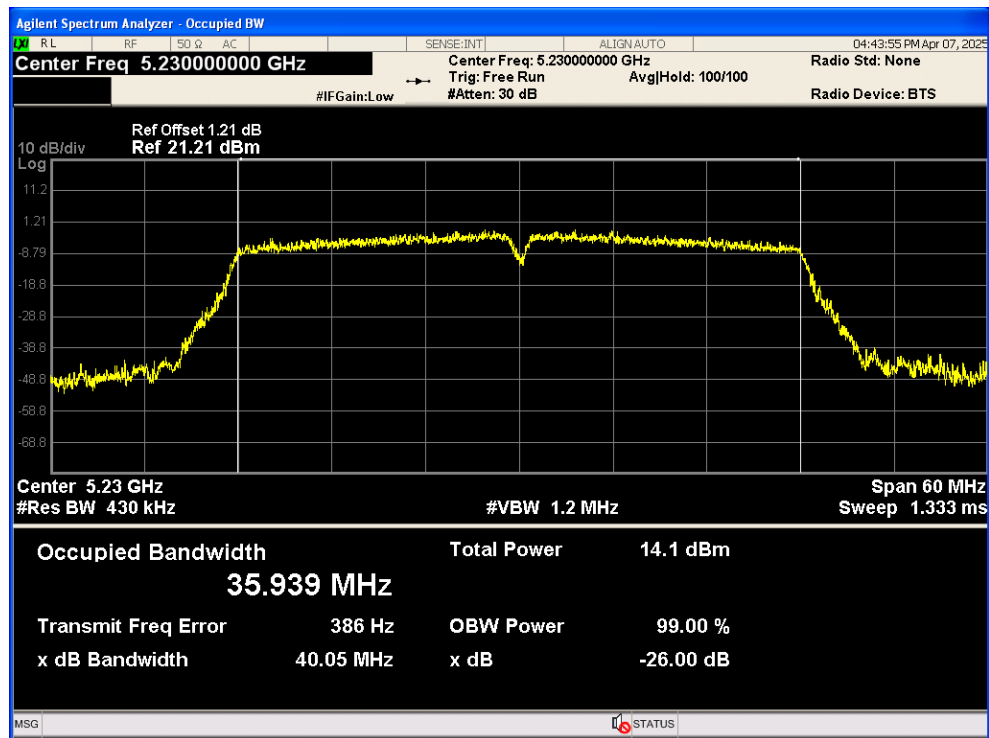
OBW NVNT ac20 5240MHz Ant1



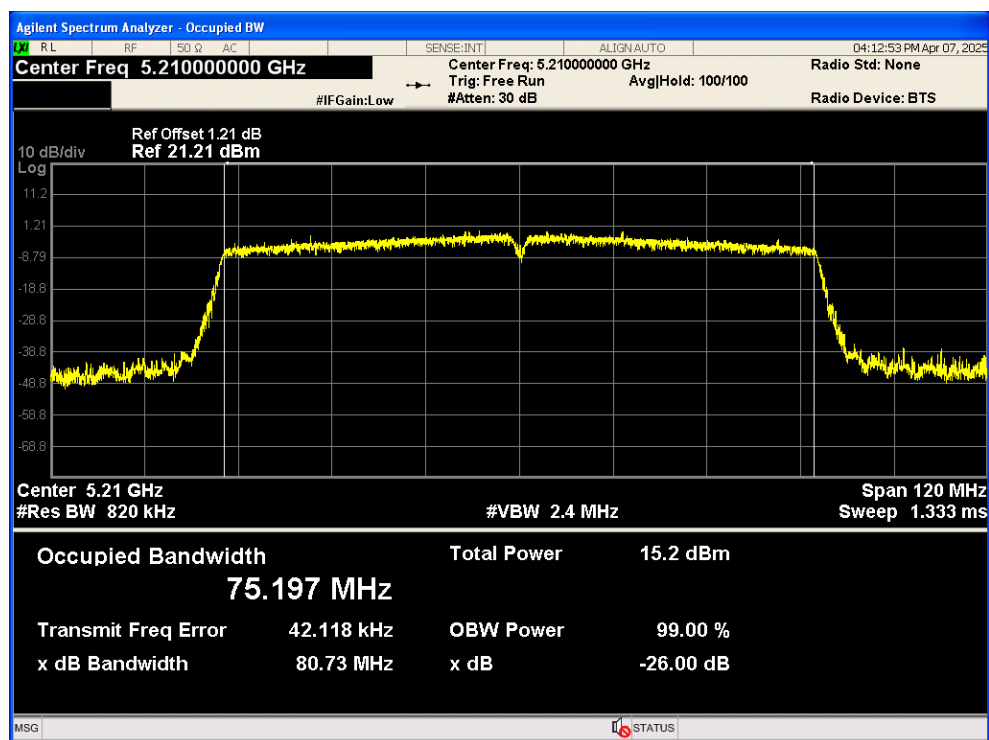
OBW NVNT ac40 5190MHz Ant1



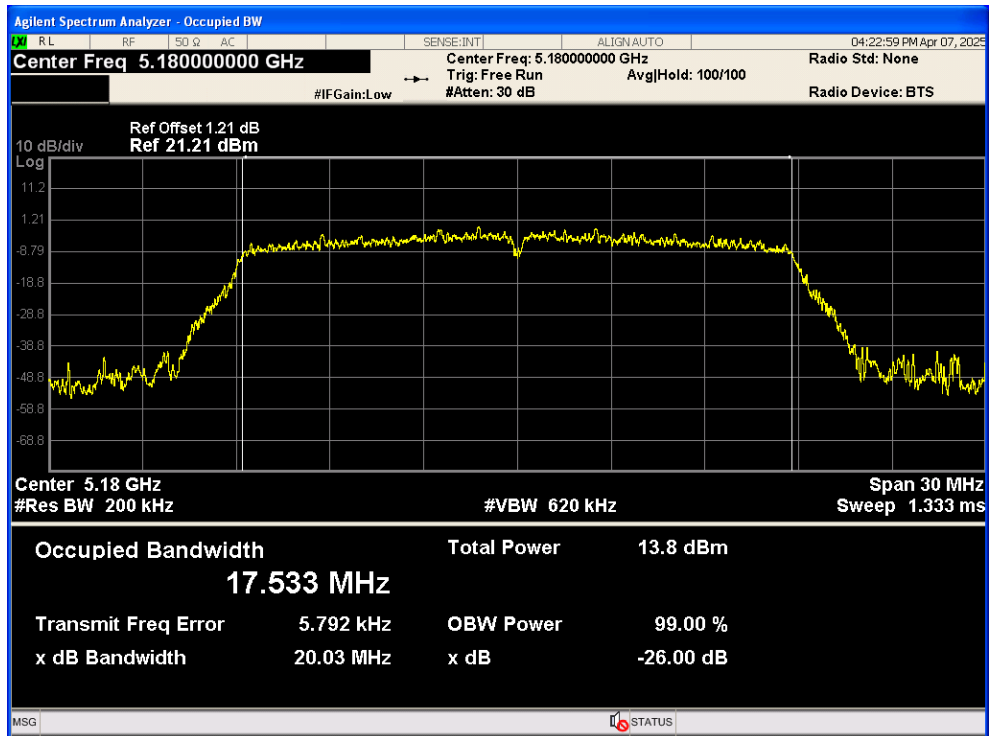
OBW NVNT ac40 5230MHz Ant1



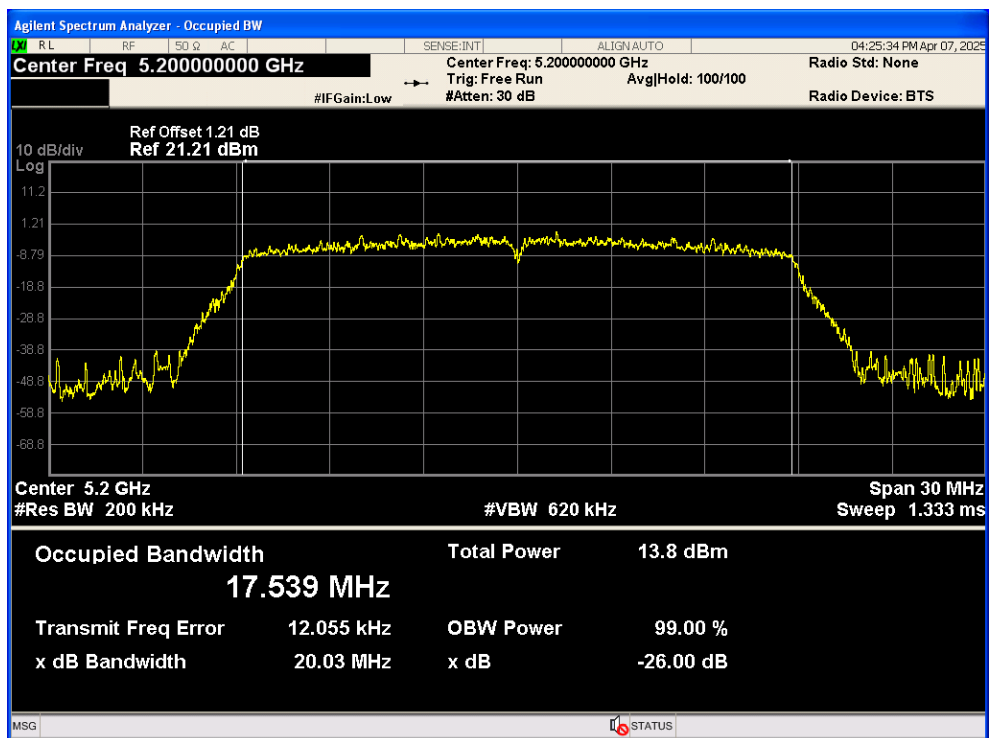
OBW NVNT ac80 5210MHz Ant1



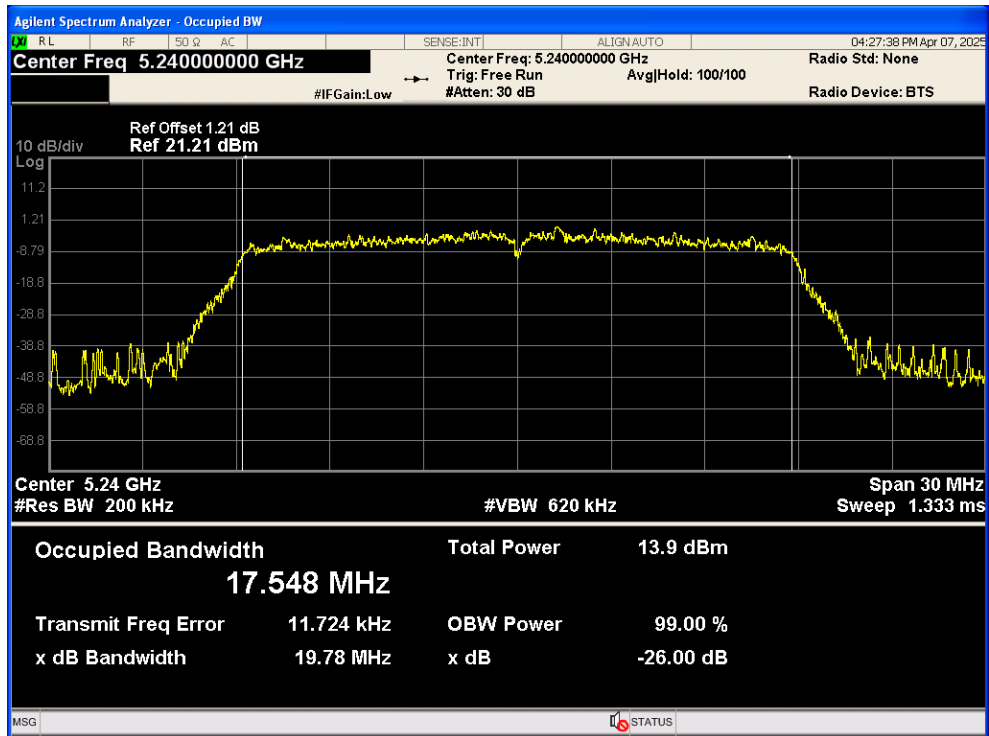
OBW NVNT n20 5180MHz Ant1



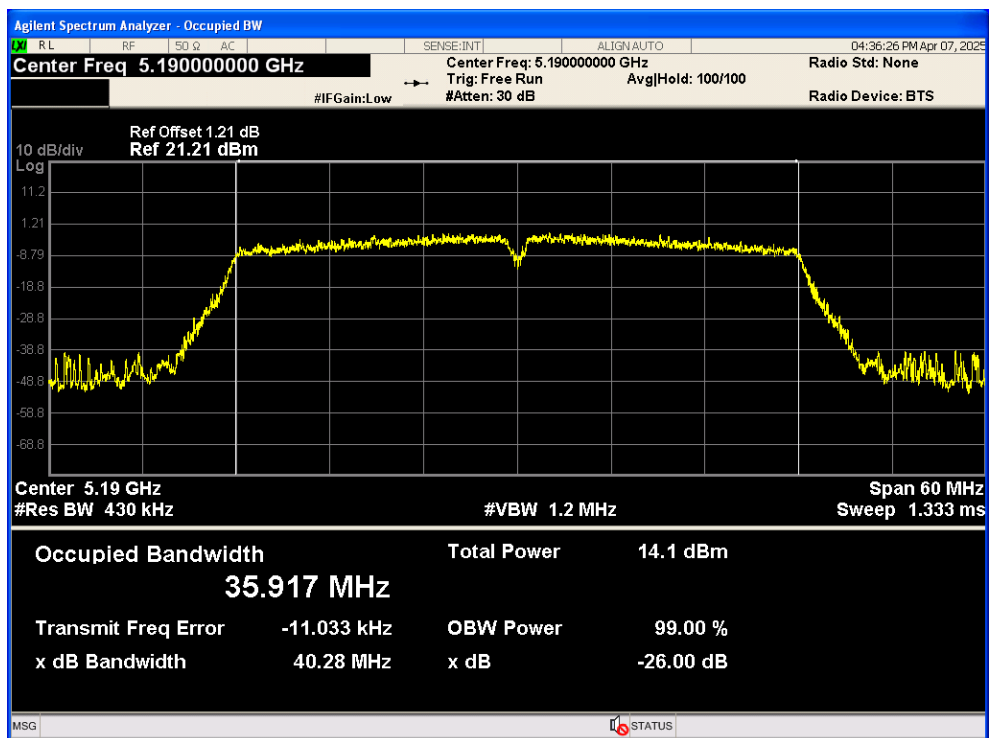
OBW NVNT n20 5200MHz Ant1



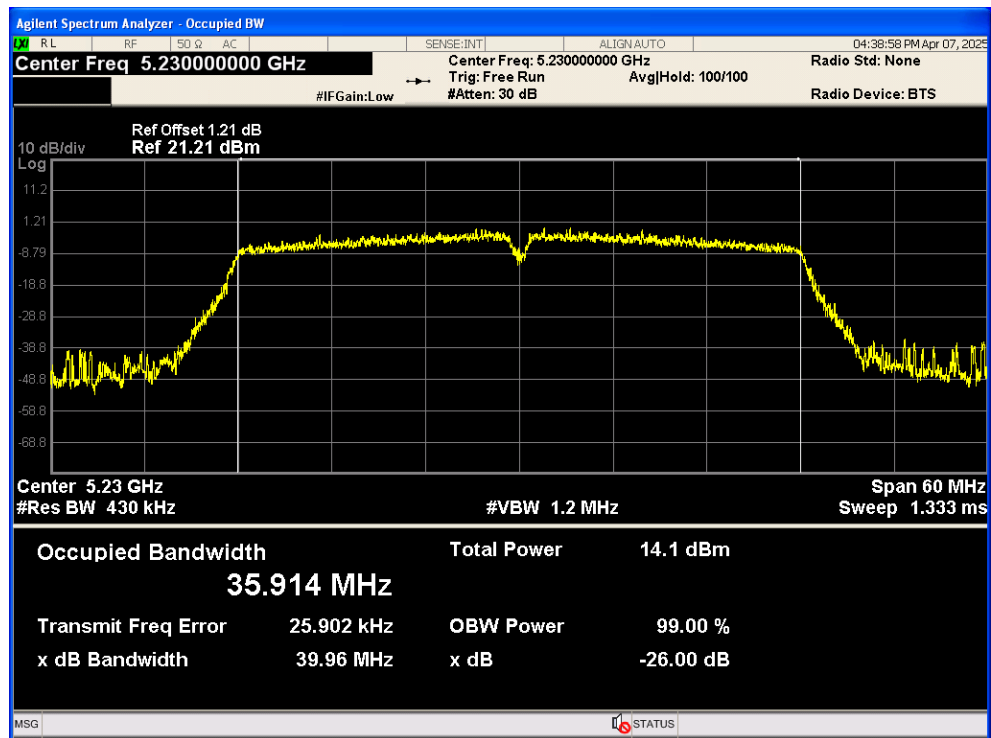
OBW NVNT n20 5240MHz Ant1



OBW NVNT n40 5190MHz Ant1



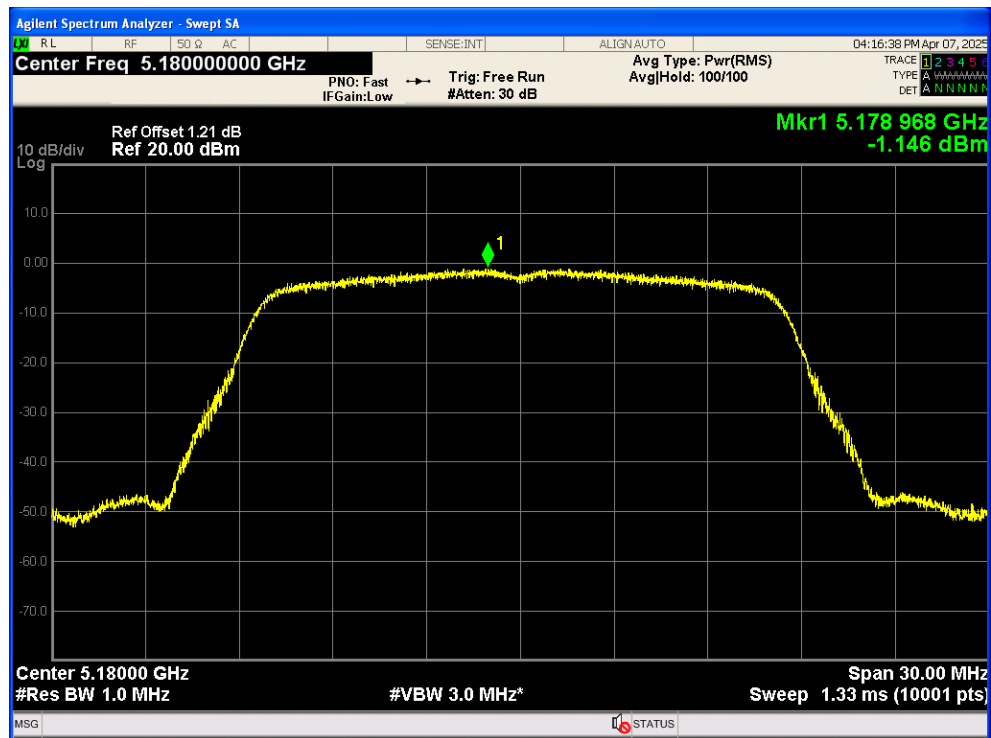
OBW NVNT n40 5230MHz Ant1



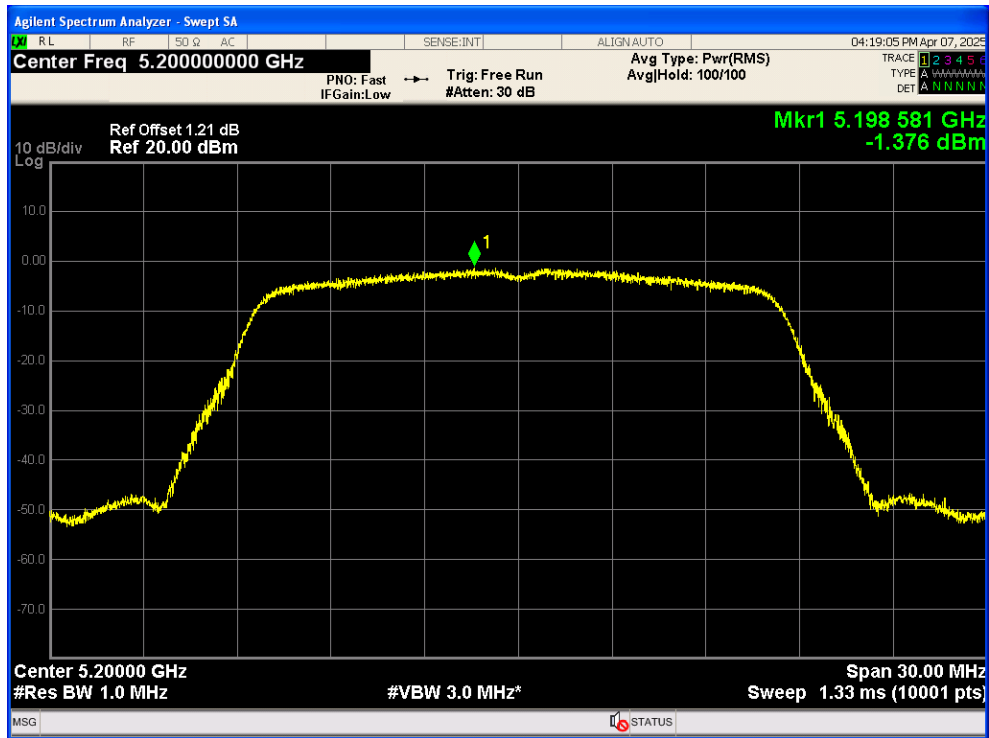
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.146	11	Pass
NVNT	a	5200	Ant1	-1.376	11	Pass
NVNT	a	5240	Ant1	-1.265	11	Pass
NVNT	ac20	5180	Ant1	-1.576	11	Pass
NVNT	ac20	5200	Ant1	-1.727	11	Pass
NVNT	ac20	5240	Ant1	-1.378	11	Pass
NVNT	ac40	5190	Ant1	-4.58	11	Pass
NVNT	ac40	5230	Ant1	-4.211	11	Pass
NVNT	ac80	5210	Ant1	-7.338	11	Pass
NVNT	n20	5180	Ant1	-1.527	11	Pass
NVNT	n20	5200	Ant1	-1.336	11	Pass
NVNT	n20	5240	Ant1	-1.674	11	Pass
NVNT	n40	5190	Ant1	-4.829	11	Pass
NVNT	n40	5230	Ant1	-4.75	11	Pass

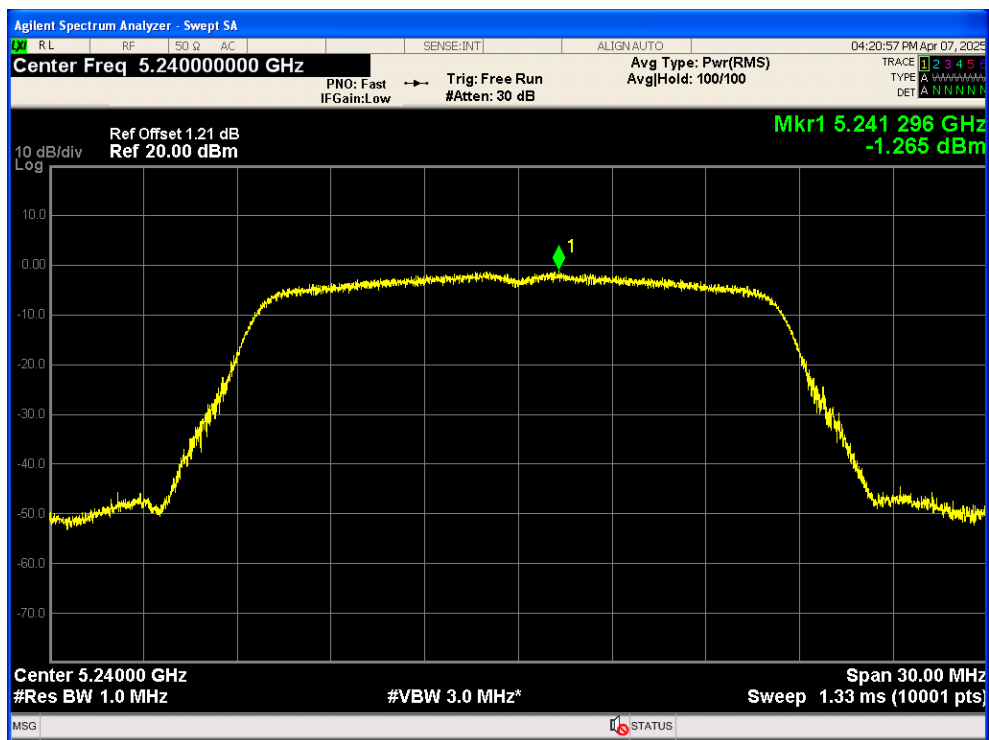
PSD NVNT a 5180MHz Ant1



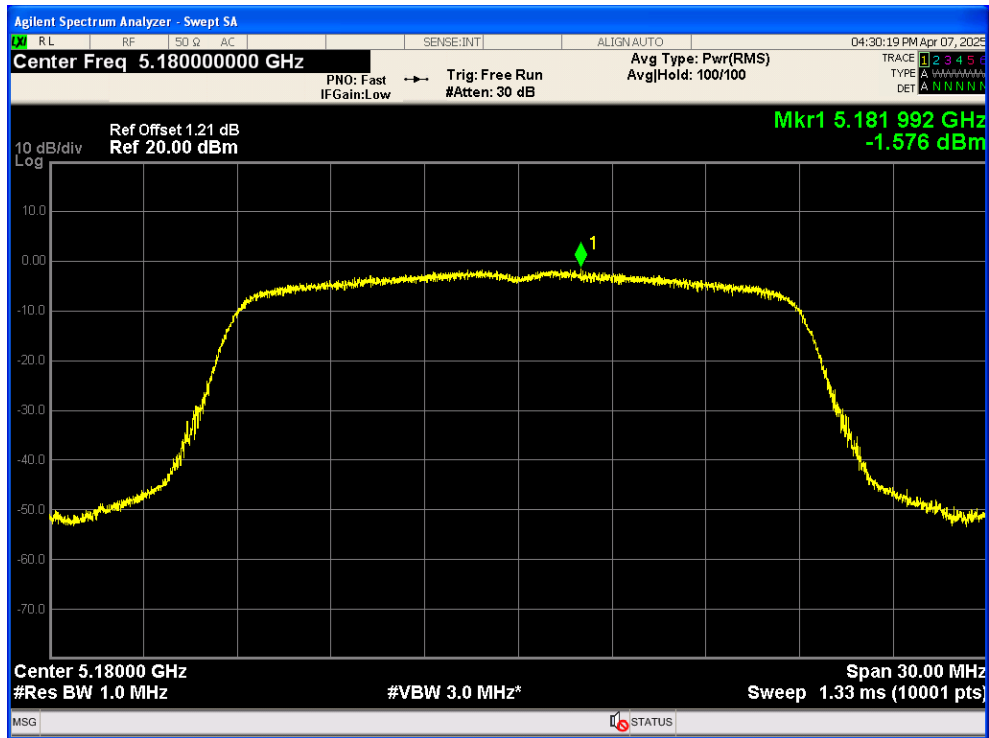
PSD NVNT a 5200MHz Ant1



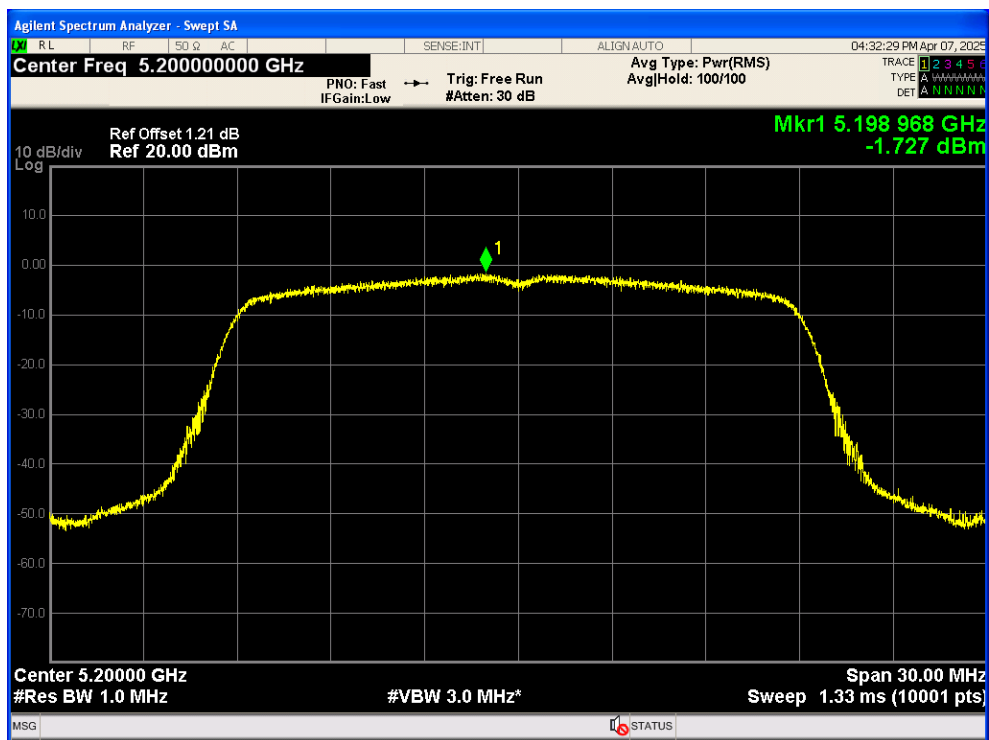
PSD NVNT a 5240MHz Ant1



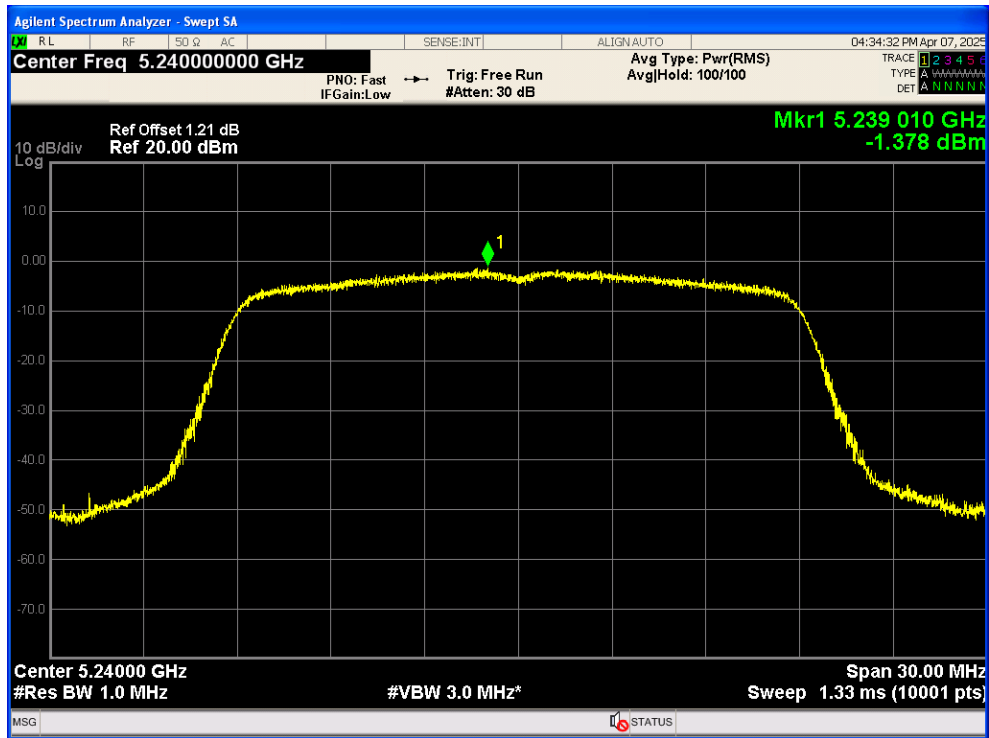
PSD NVNT ac20 5180MHz Ant1



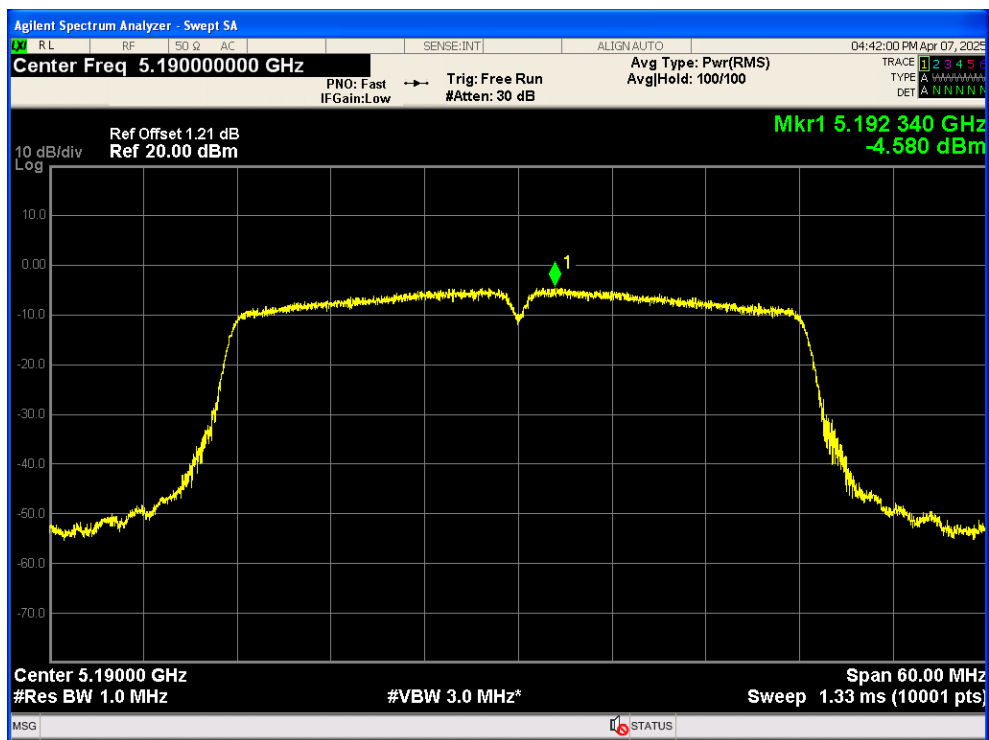
PSD NVNT ac20 5200MHz Ant1



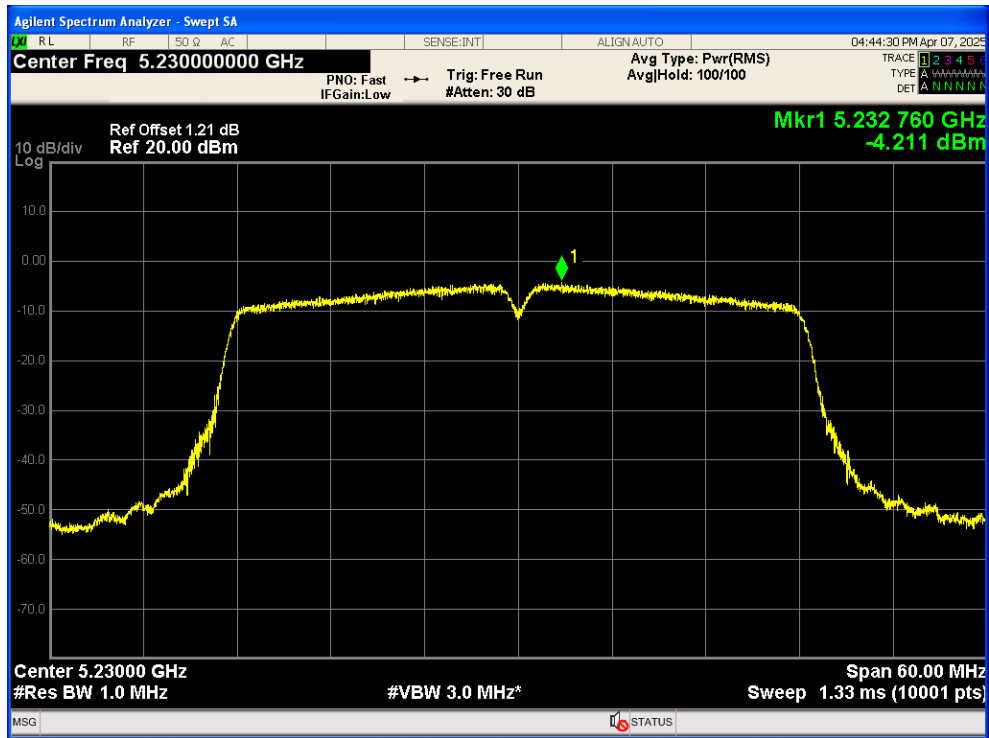
PSD NVNT ac20 5240MHz Ant1



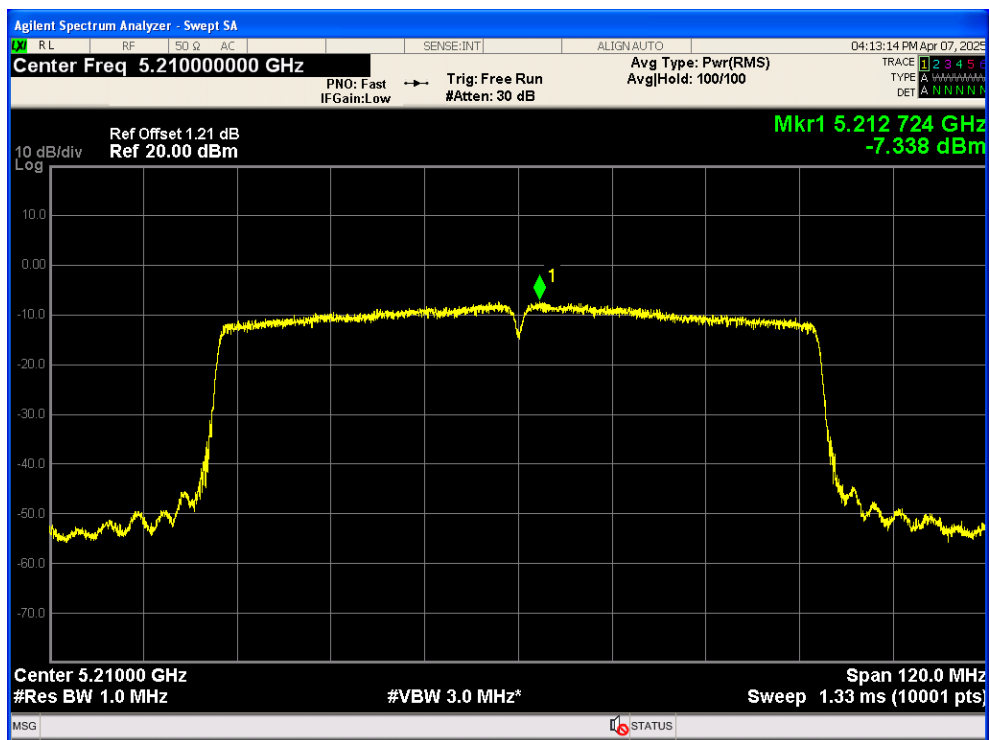
PSD NVNT ac40 5190MHz Ant1



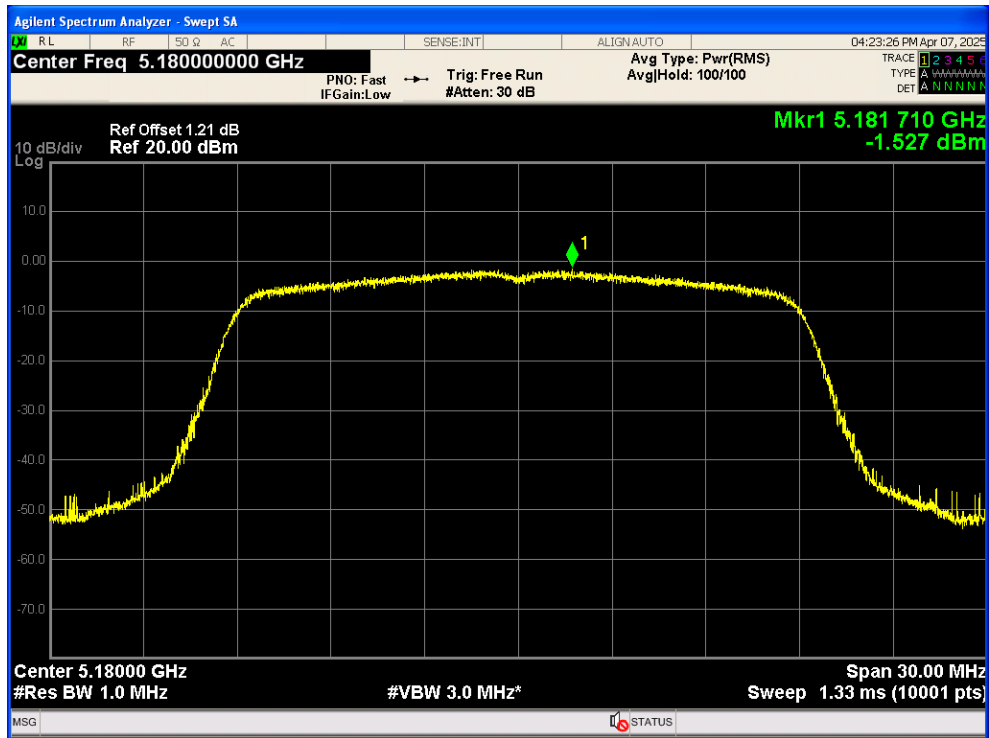
PSD NVNT ac40 5230MHz Ant1



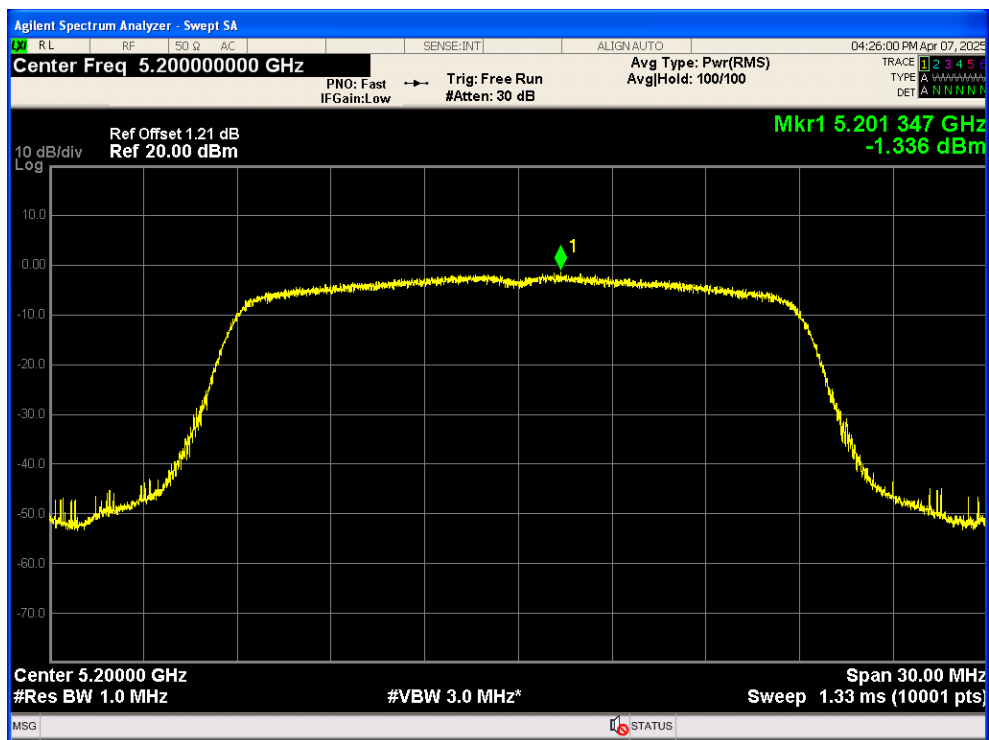
PSD NVNT ac80 5210MHz Ant1



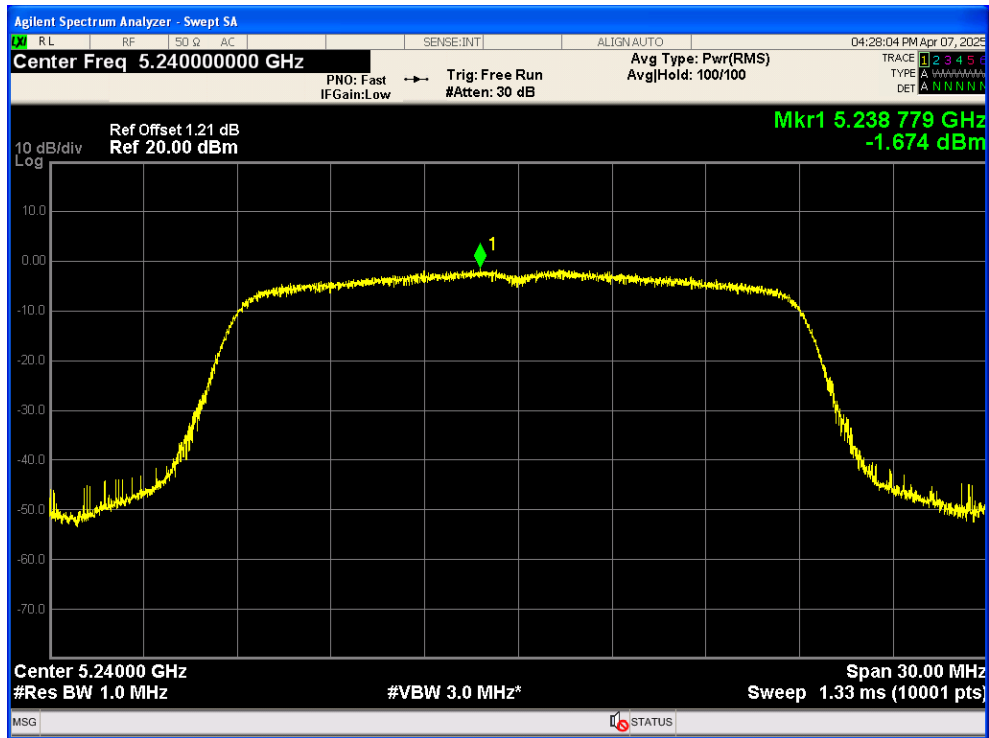
PSD NVNT n20 5180MHz Ant1



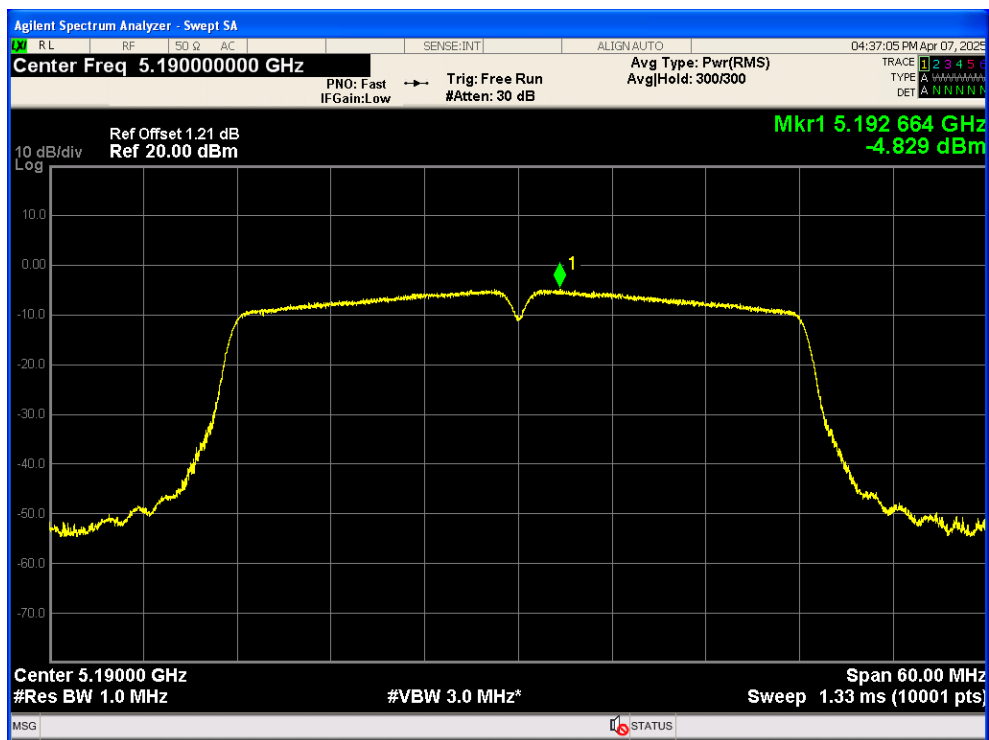
PSD NVNT n20 5200MHz Ant1



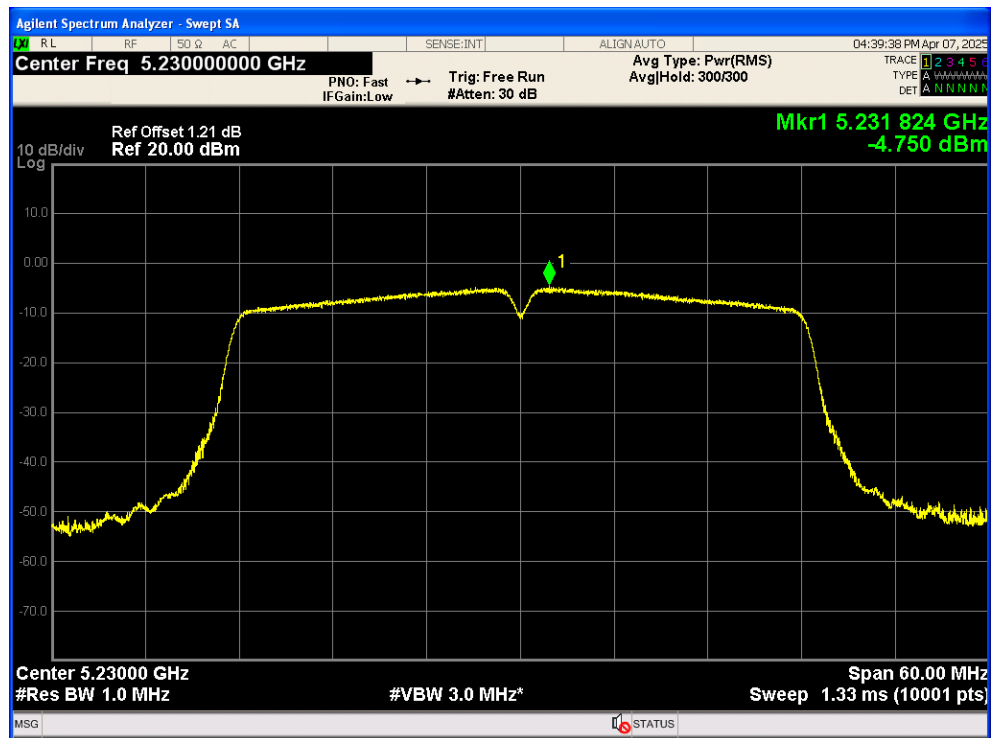
PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1

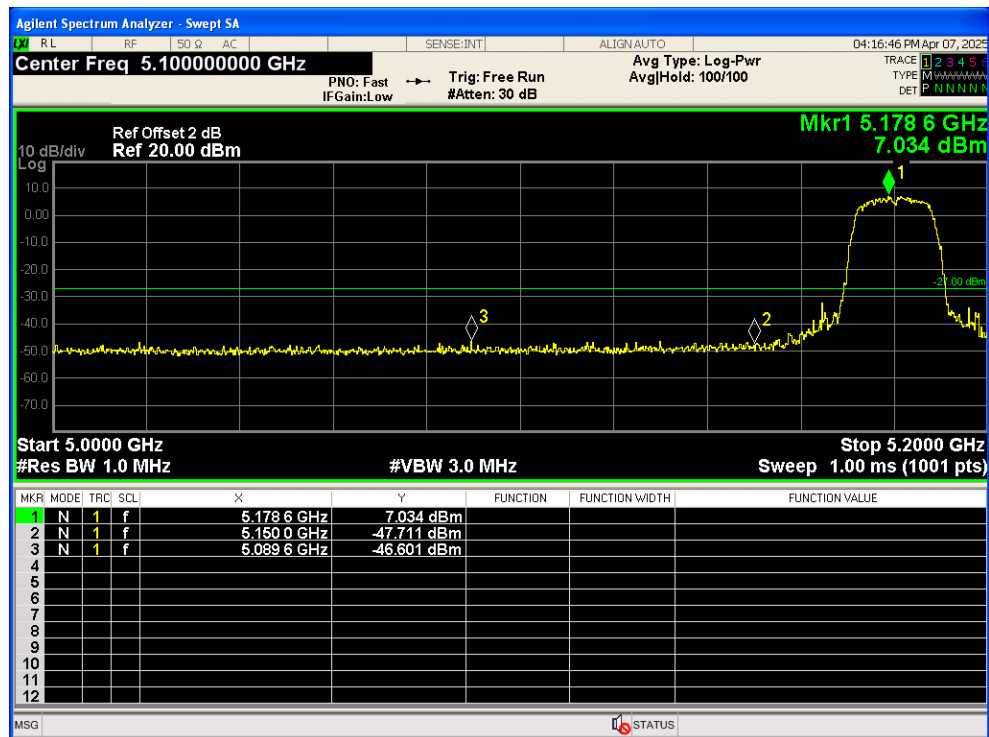


Band Edge

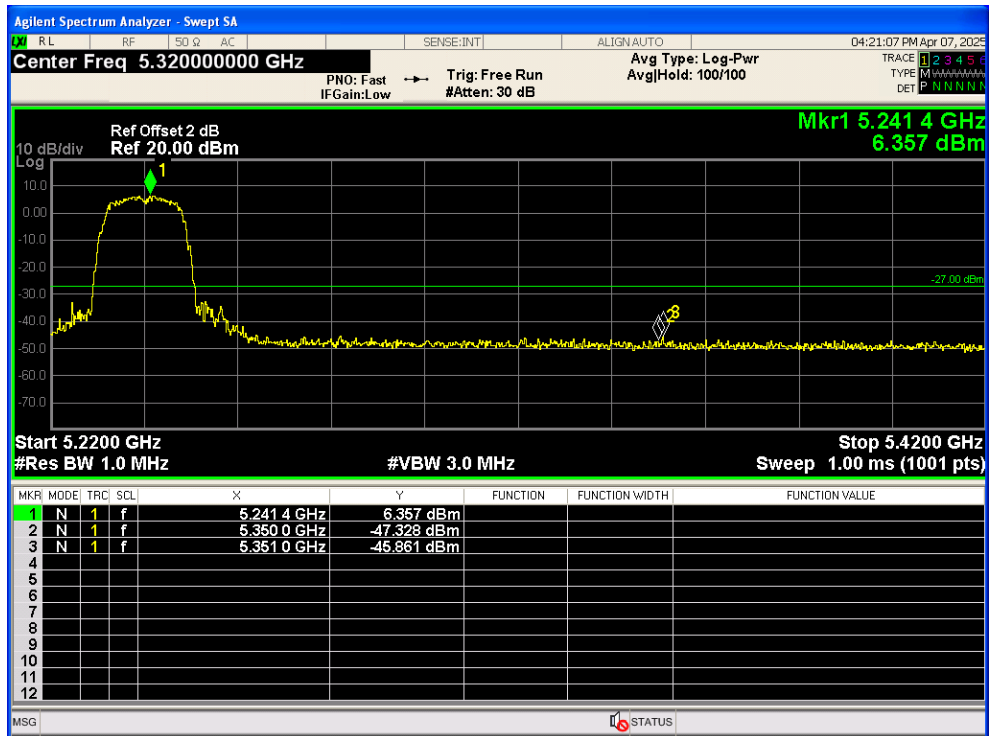
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-46.6	-27	Pass
NVNT	a	5240	Ant1	-45.86	-27	Pass
NVNT	ac20	5180	Ant1	-46.09	-27	Pass
NVNT	ac20	5240	Ant1	-46.06	-27	Pass
NVNT	ac40	5190	Ant1	-46.72	-27	Pass
NVNT	ac40	5230	Ant1	-46.73	-27	Pass
NVNT	ac80	5210	Ant1	-27.49	-27	Pass
NVNT	n20	5180	Ant1	-46.56	-27	Pass
NVNT	n20	5240	Ant1	-46.6	-27	Pass
NVNT	n40	5190	Ant1	-42.39	-27	Pass
NVNT	n40	5230	Ant1	-46.15	-27	Pass

Note1: This test has increased antenna gain .

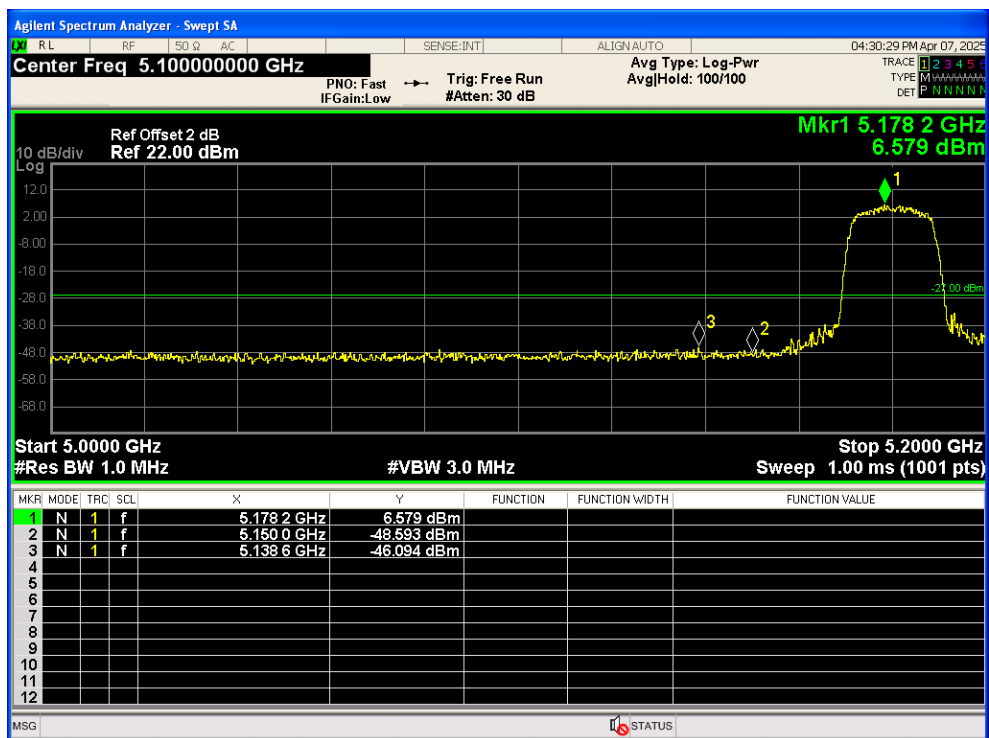
Band Edge NVNT a 5180MHz Low Ant1



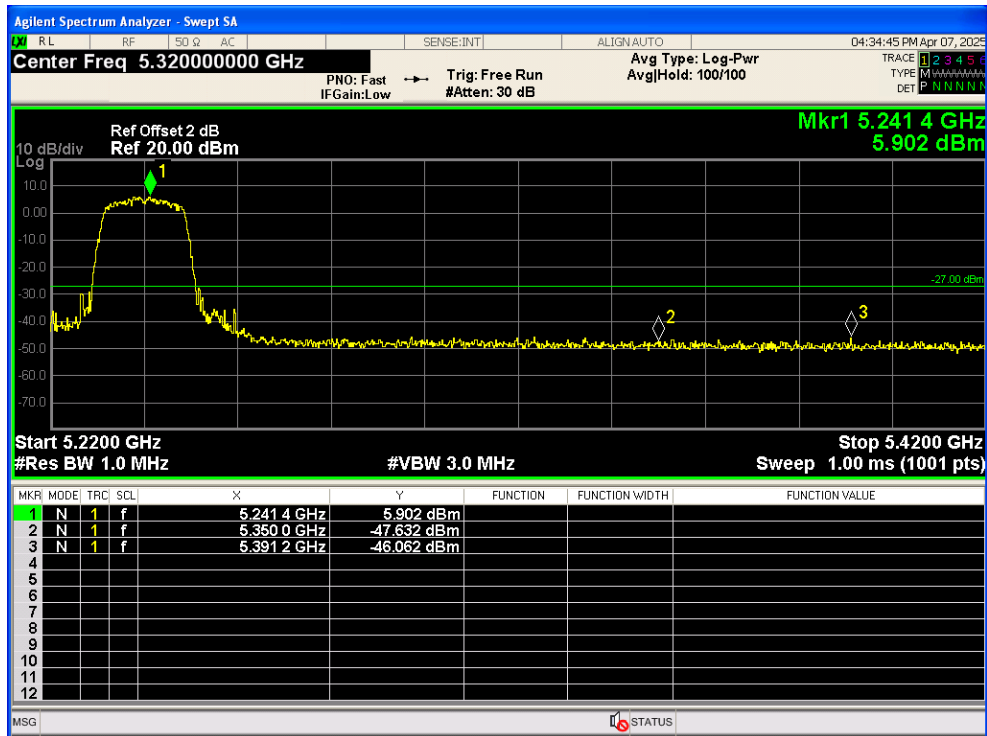
Band Edge NVNT a 5240MHz High Ant1



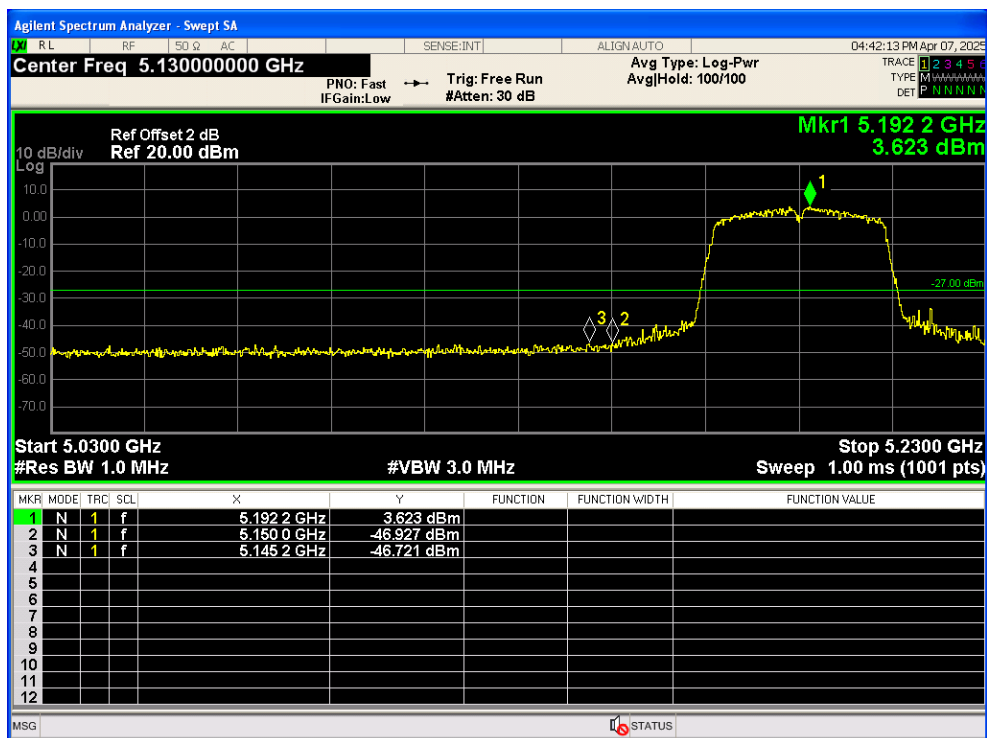
Band Edge NVNT ac20 5180MHz Low Ant1



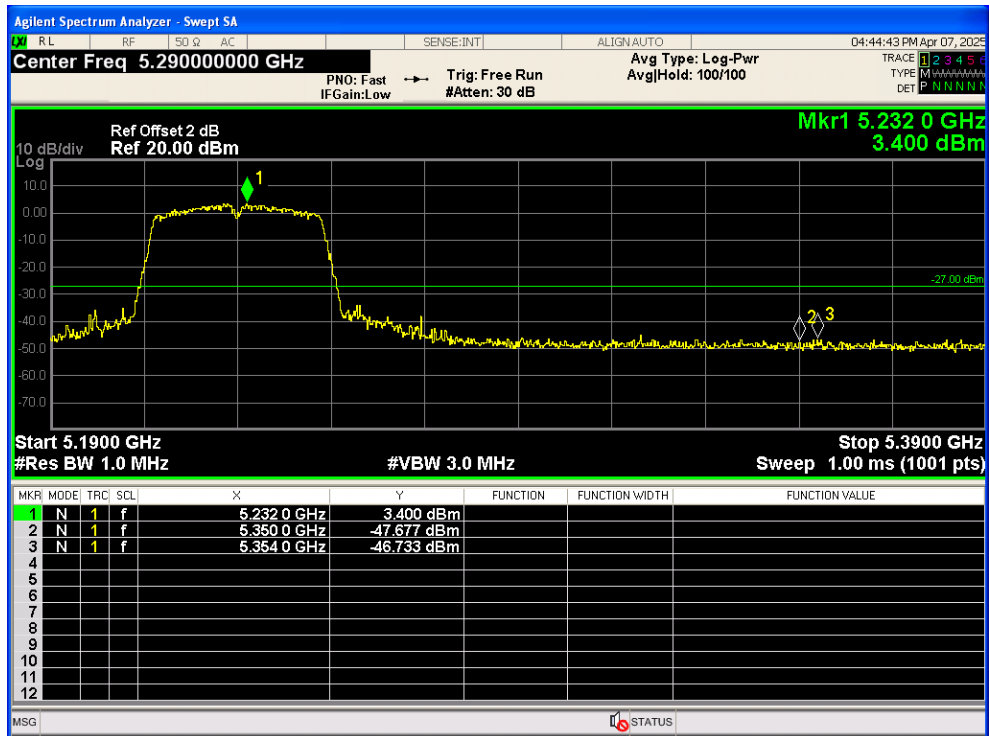
Band Edge NVNT ac20 5240MHz High Ant1



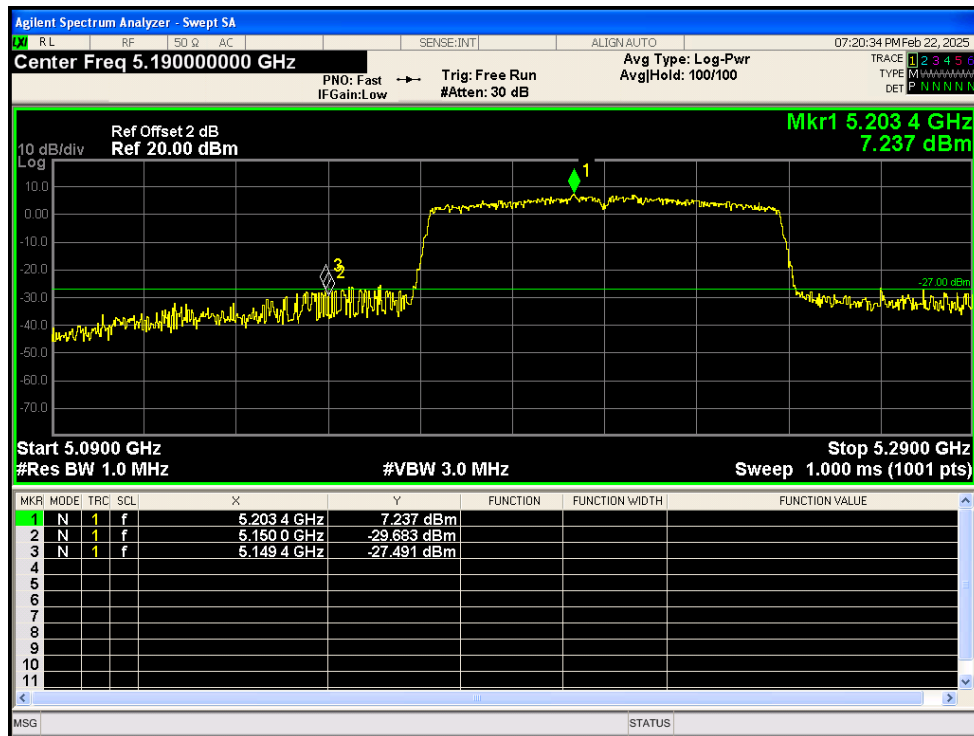
Band Edge NVNT ac40 5190MHz Low Ant1



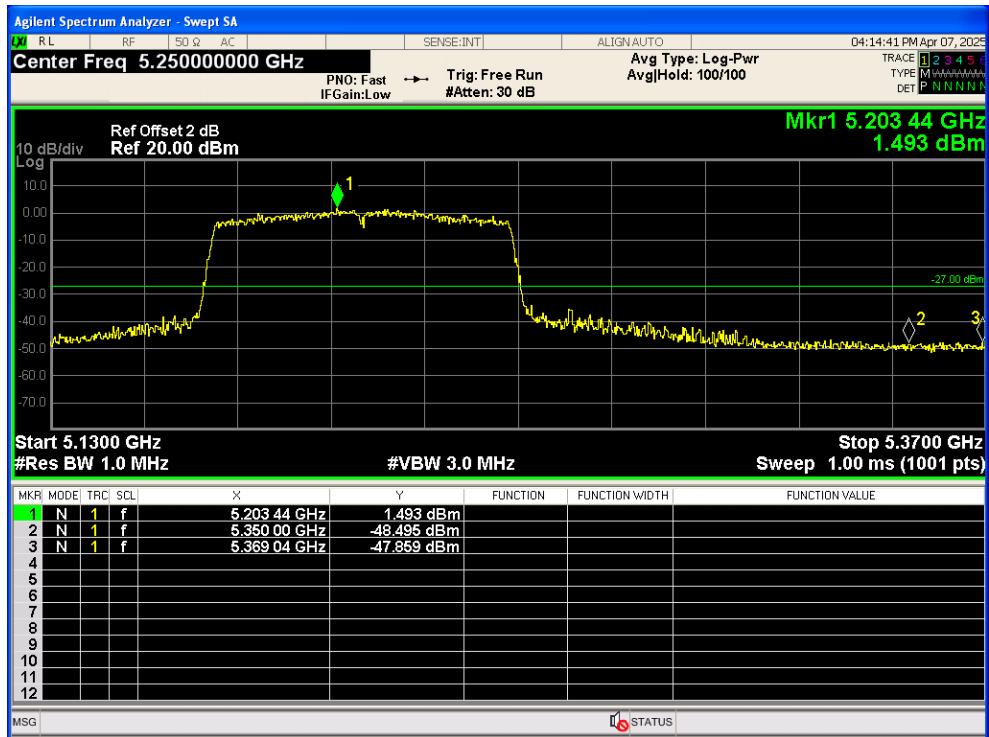
Band Edge NVNT ac40 5230MHz High Ant1



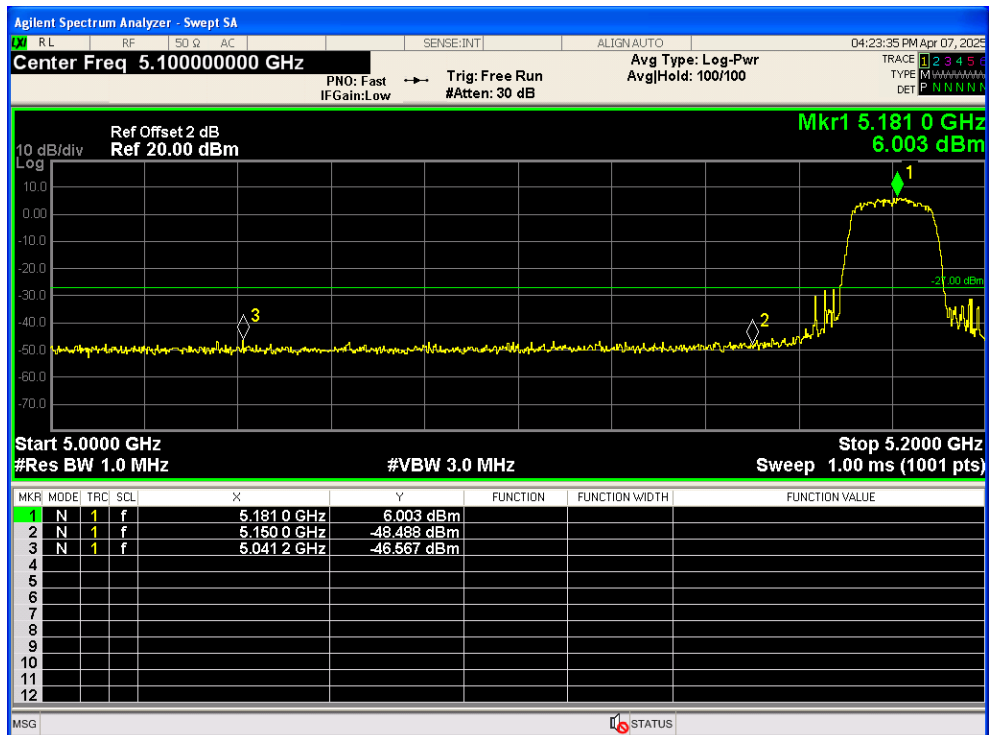
Band Edge NVNT ac80 5210MHz Low Ant1



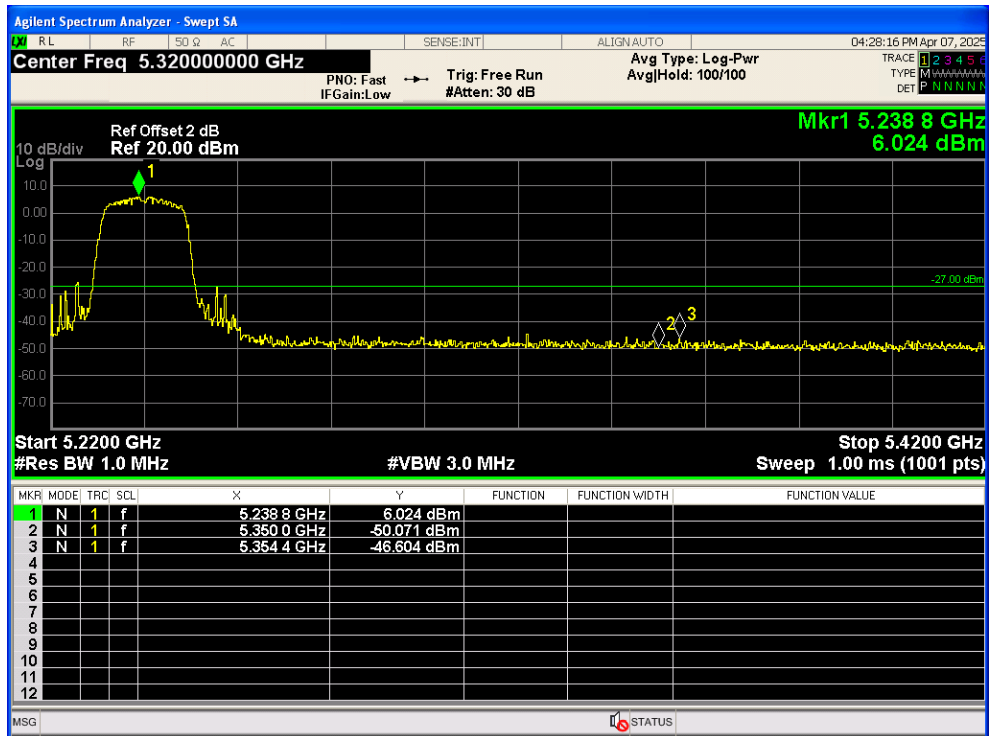
Band Edge NVNT ac80 5210MHz High Ant1



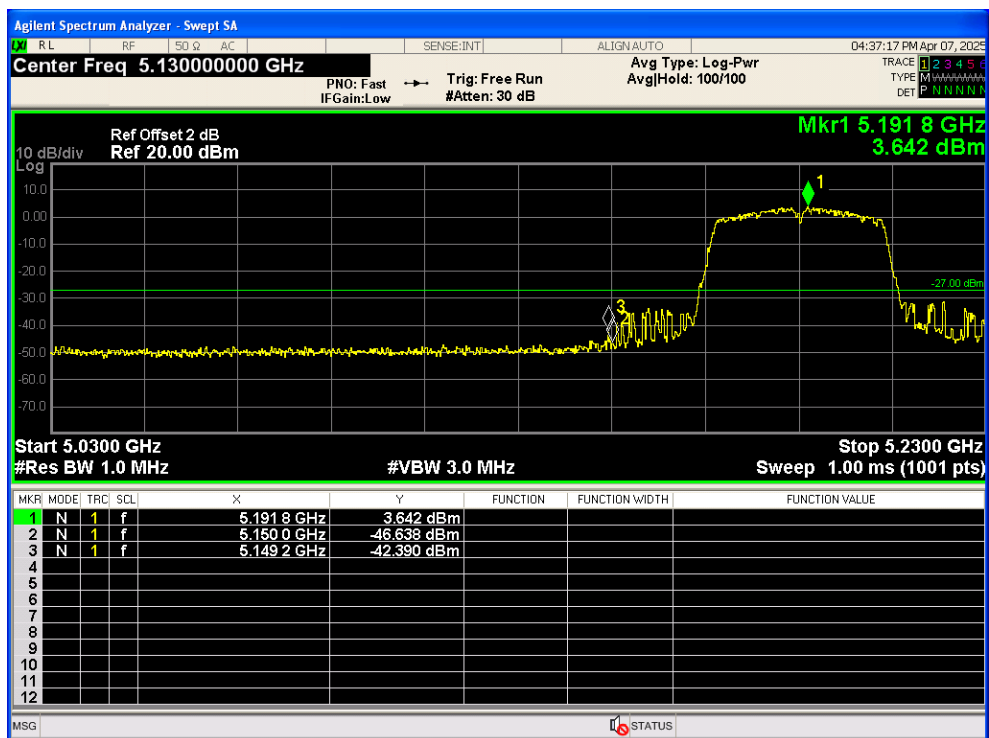
Band Edge NVNT n20 5180MHz Low Ant1



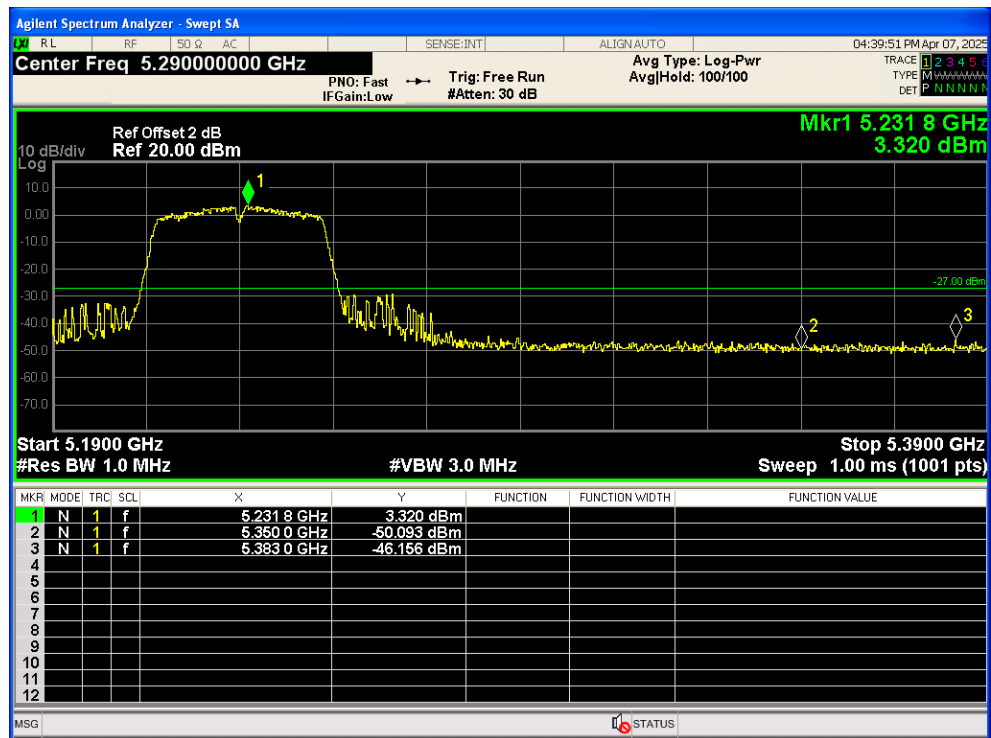
Band Edge NVNT n20 5240MHz High Ant1



Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5230MHz High Ant1



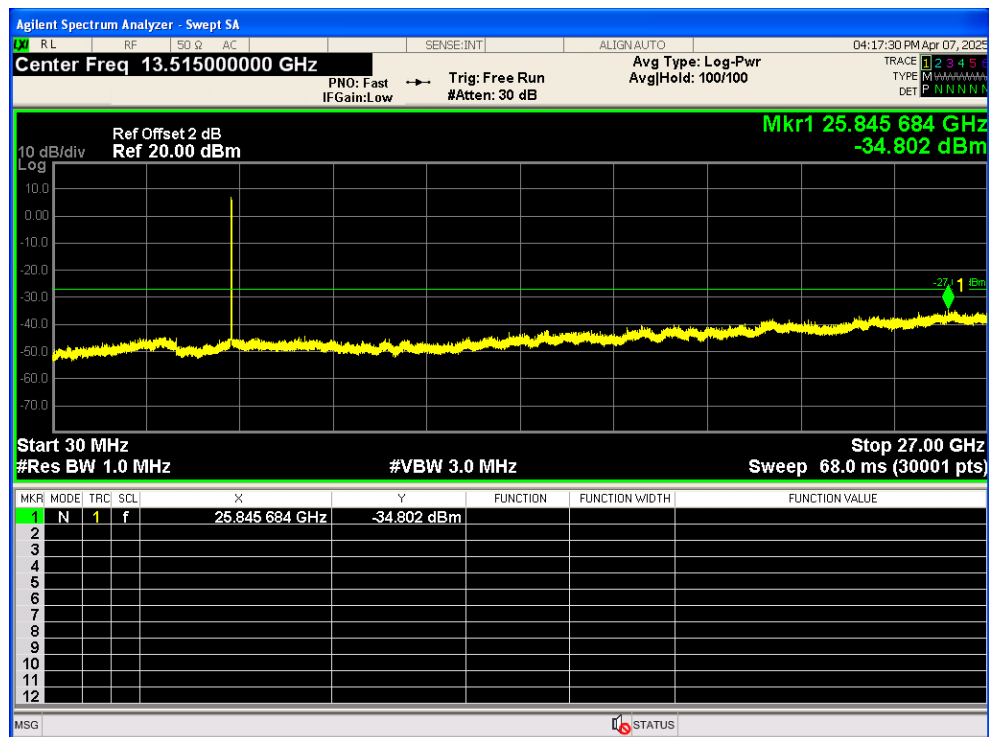
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-34.8	-27	Pass
NVNT	a	5200	Ant1	-34.65	-27	Pass
NVNT	a	5240	Ant1	-34.56	-27	Pass
NVNT	ac20	5180	Ant1	-34.28	-27	Pass
NVNT	ac20	5200	Ant1	-34.35	-27	Pass
NVNT	ac20	5240	Ant1	-34.73	-27	Pass
NVNT	ac40	5190	Ant1	-34.6	-27	Pass
NVNT	ac40	5230	Ant1	-34.76	-27	Pass
NVNT	ac80	5210	Ant1	-44.97	-27	Pass
NVNT	n20	5180	Ant1	-34.79	-27	Pass
NVNT	n20	5200	Ant1	-34.72	-27	Pass
NVNT	n20	5240	Ant1	-34.09	-27	Pass
NVNT	n40	5190	Ant1	-34.29	-27	Pass
NVNT	n40	5230	Ant1	-34.22	-27	Pass

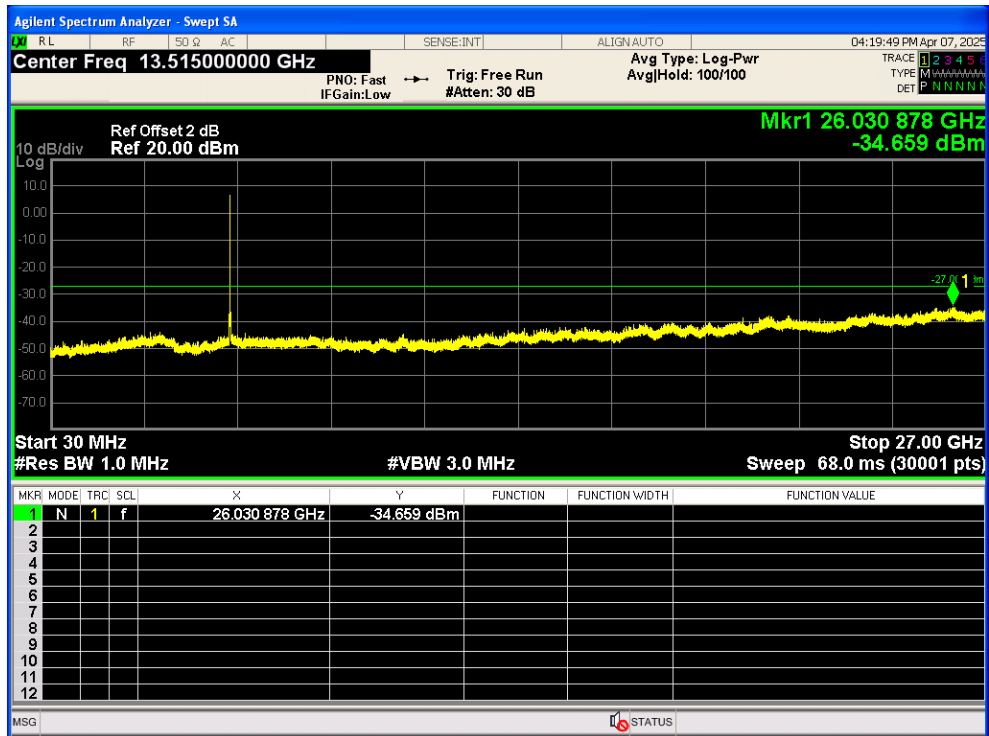
Note1: This test has increased antenna gain .

Note2: 27GHz-40GHz has been tested in the spatial method, and the data of the direct connection method is not displayed.

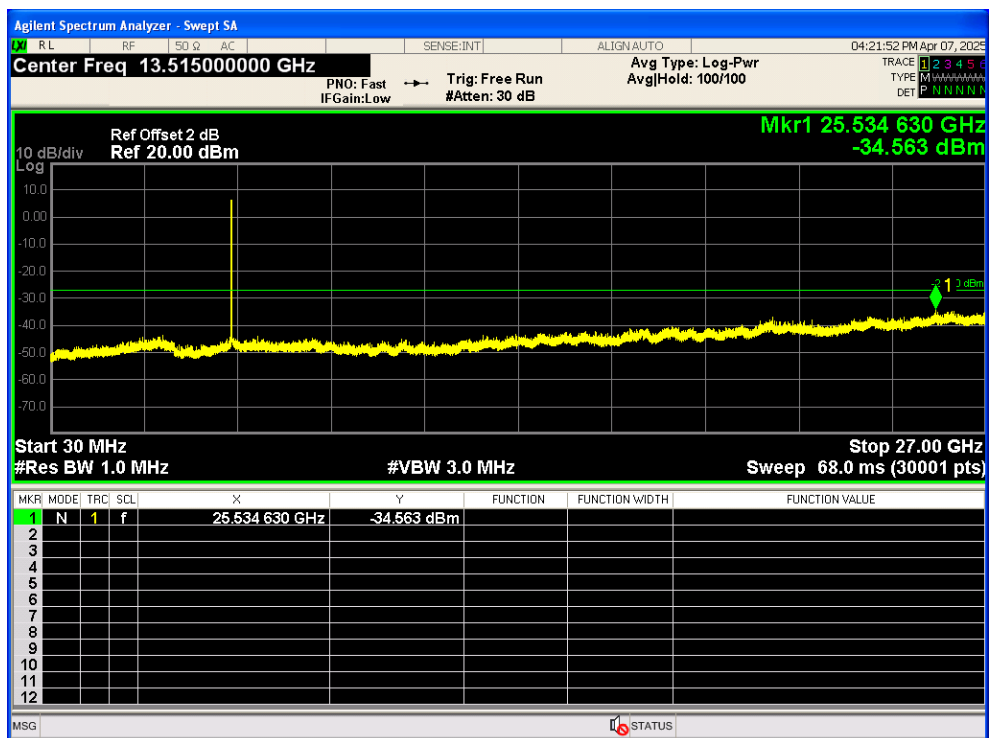
Tx. Spurious NVNT a 5180MHz Ant1 Emission



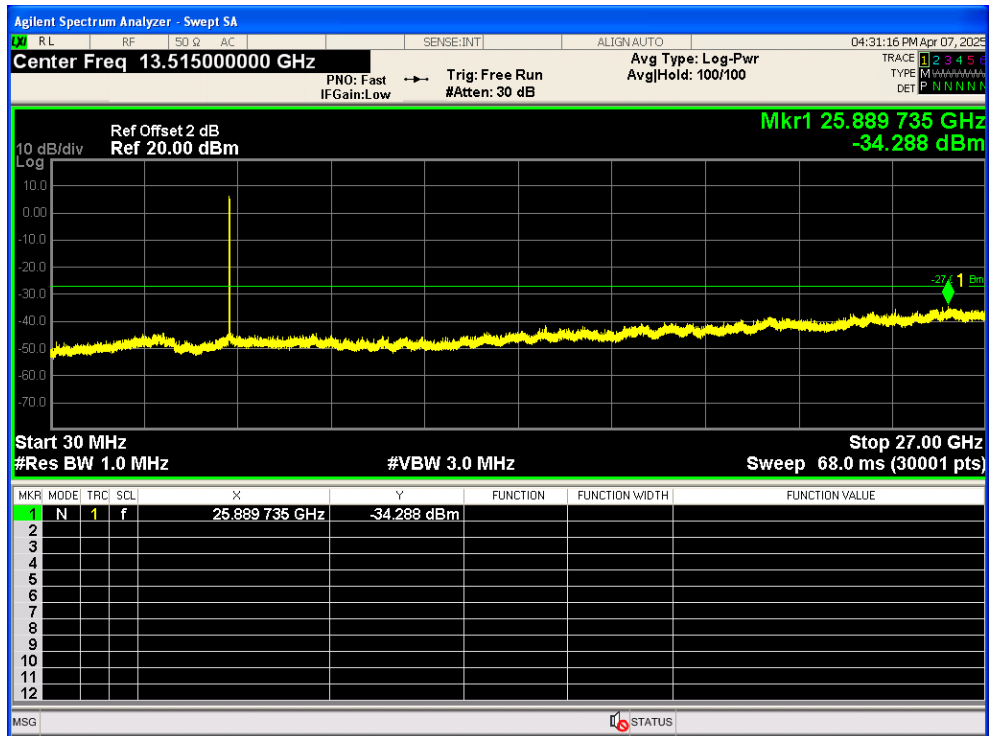
Tx. Spurious NVNT a 5200MHz Ant1 Emission



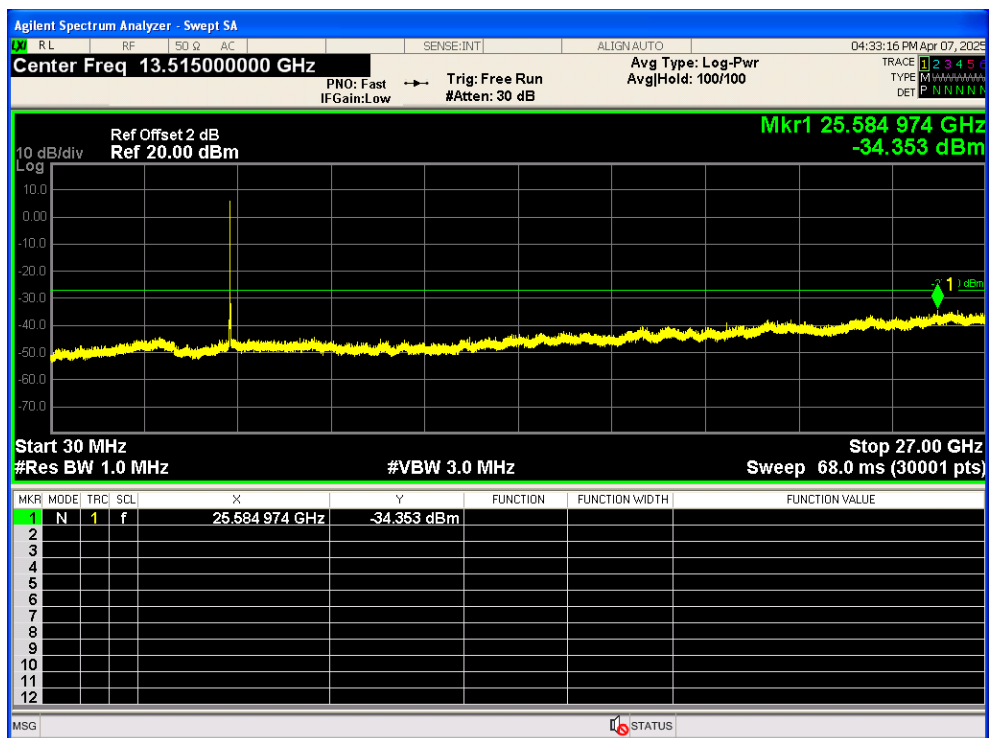
Tx. Spurious NVNT a 5240MHz Ant1 Emission



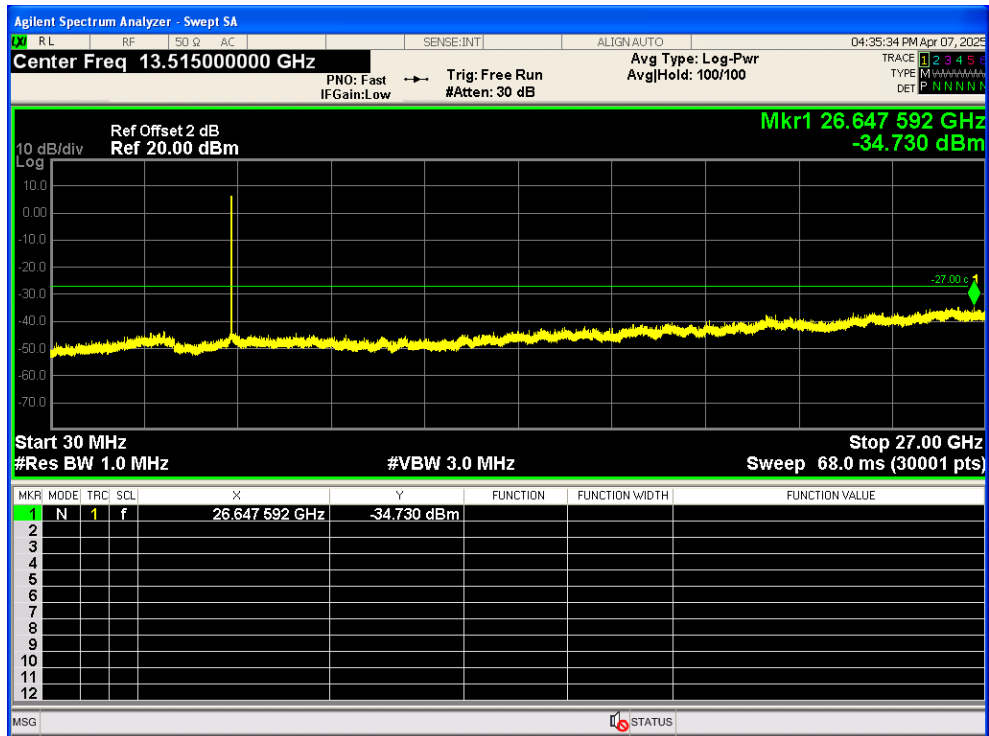
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



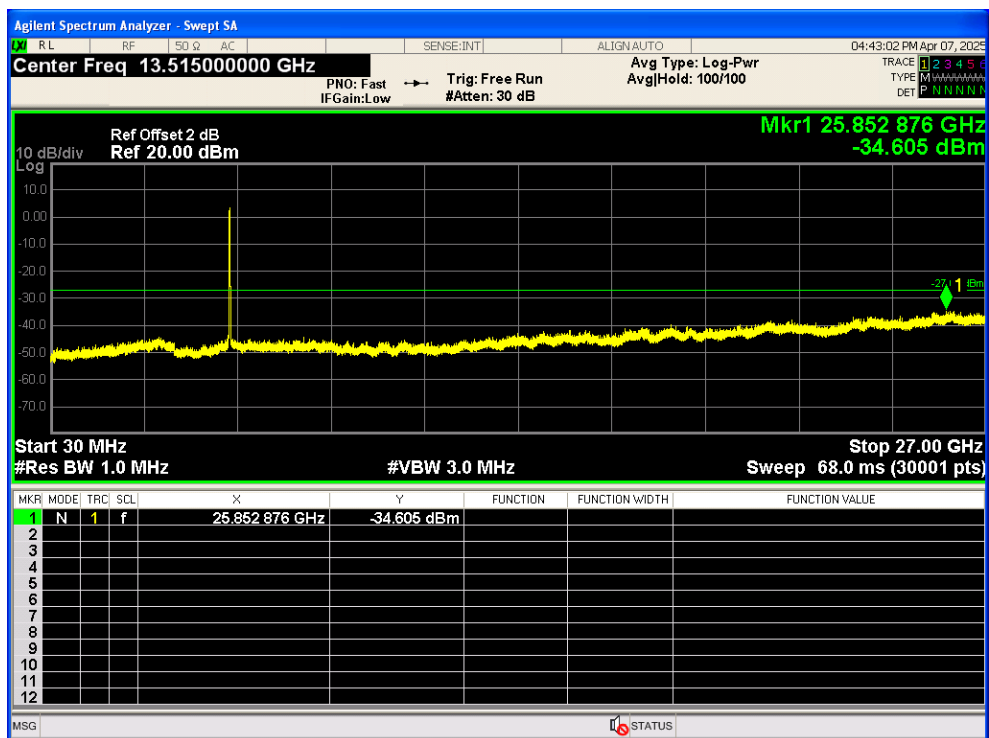
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



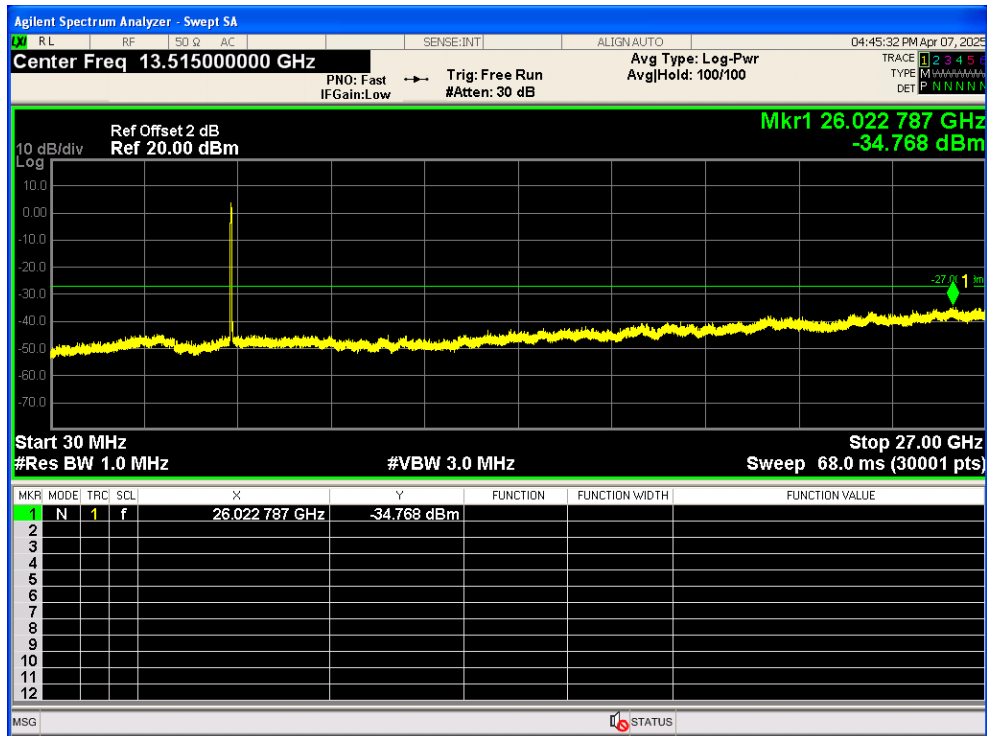
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



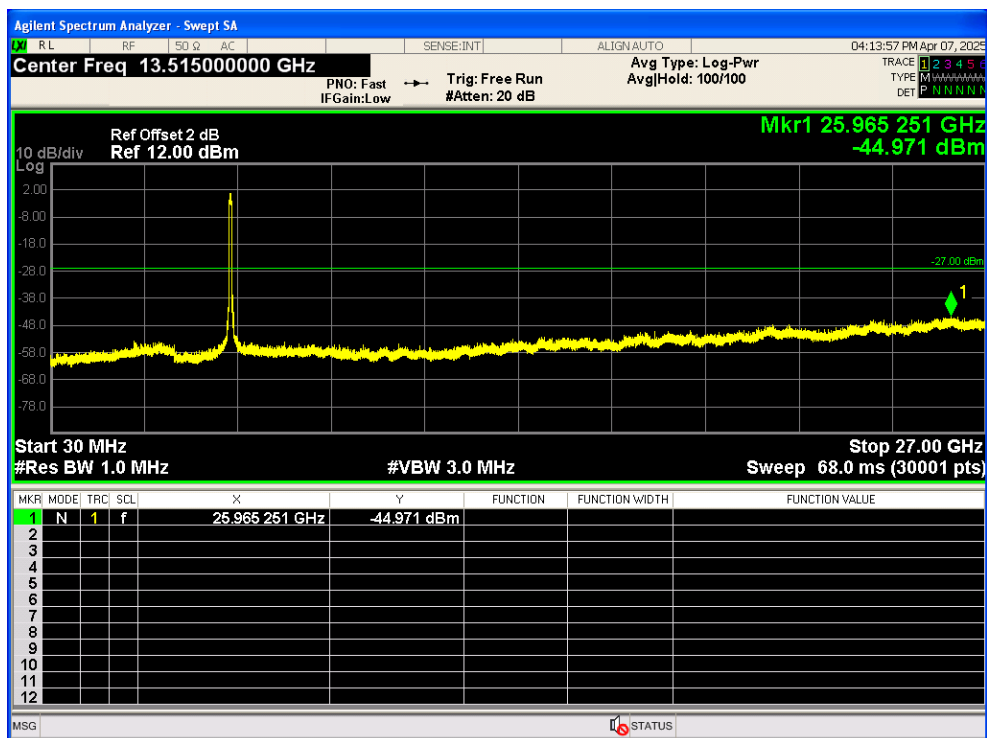
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



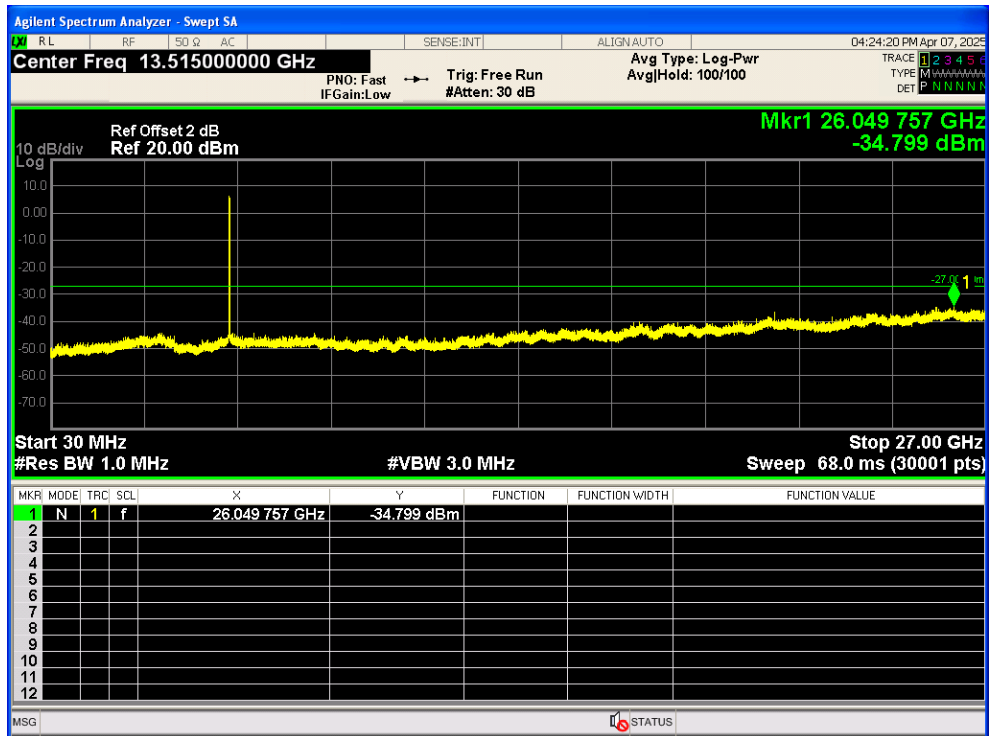
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



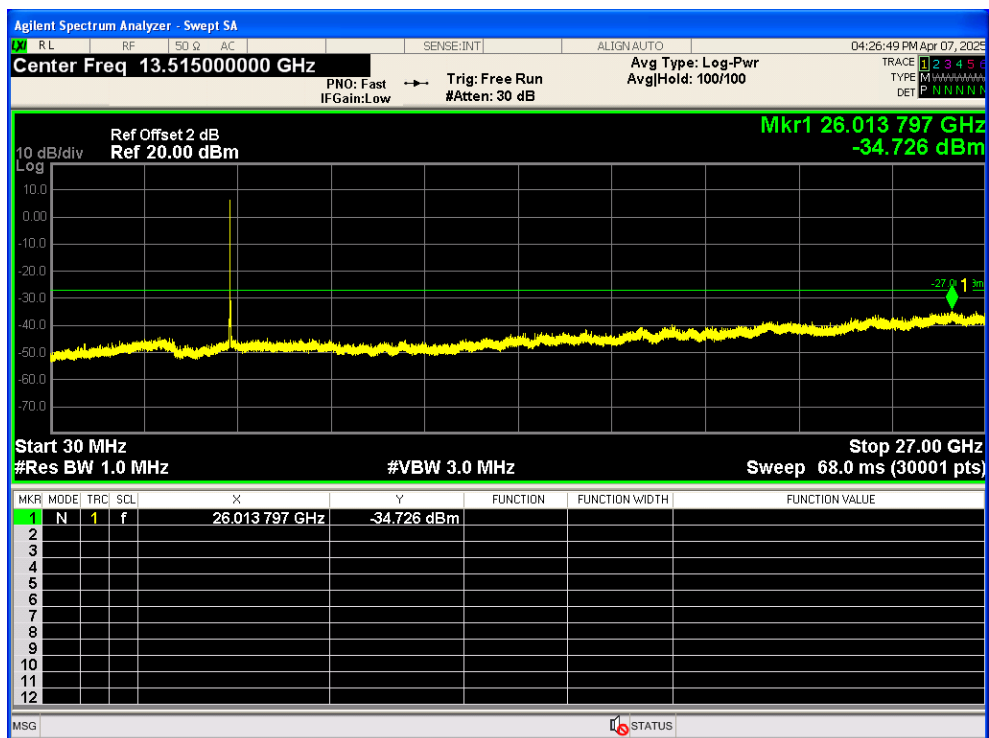
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



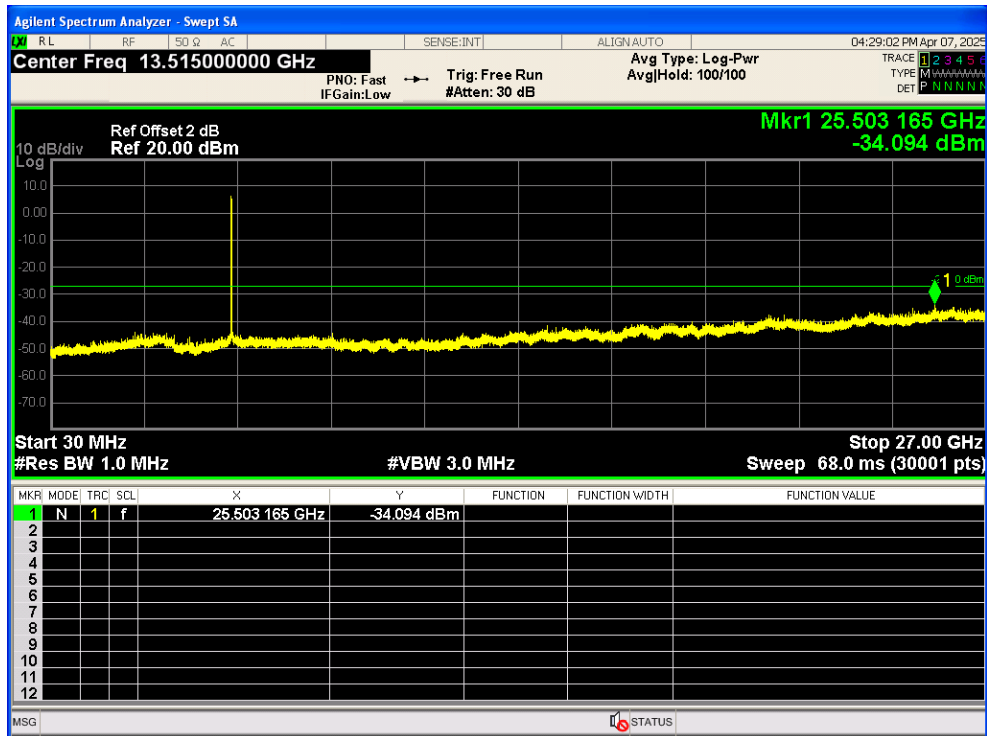
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



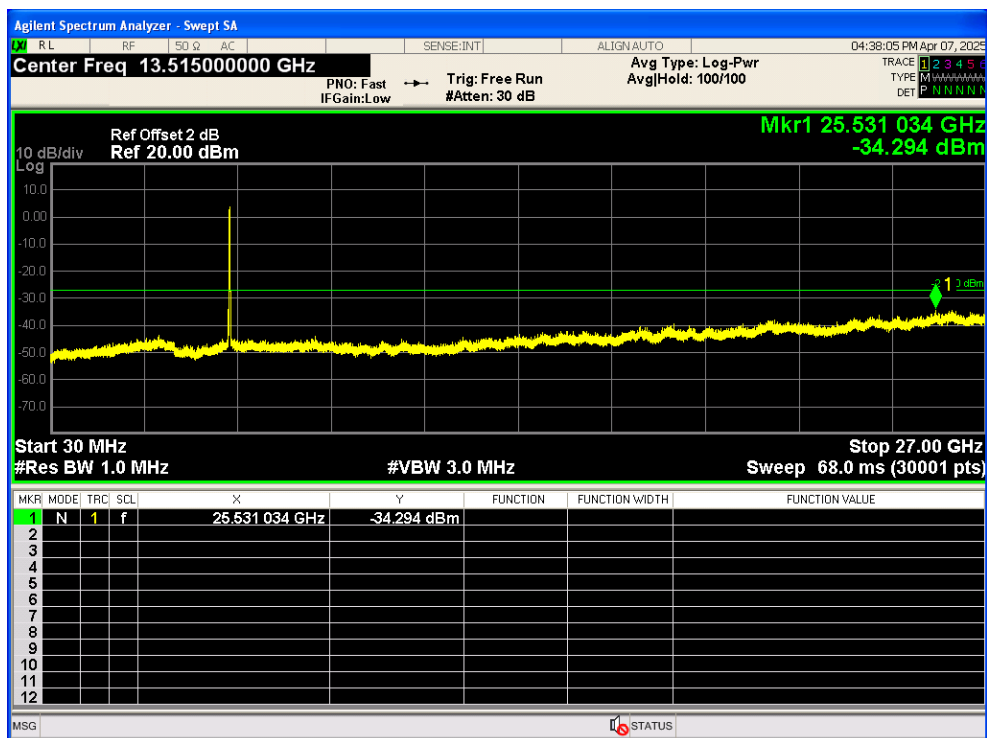
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



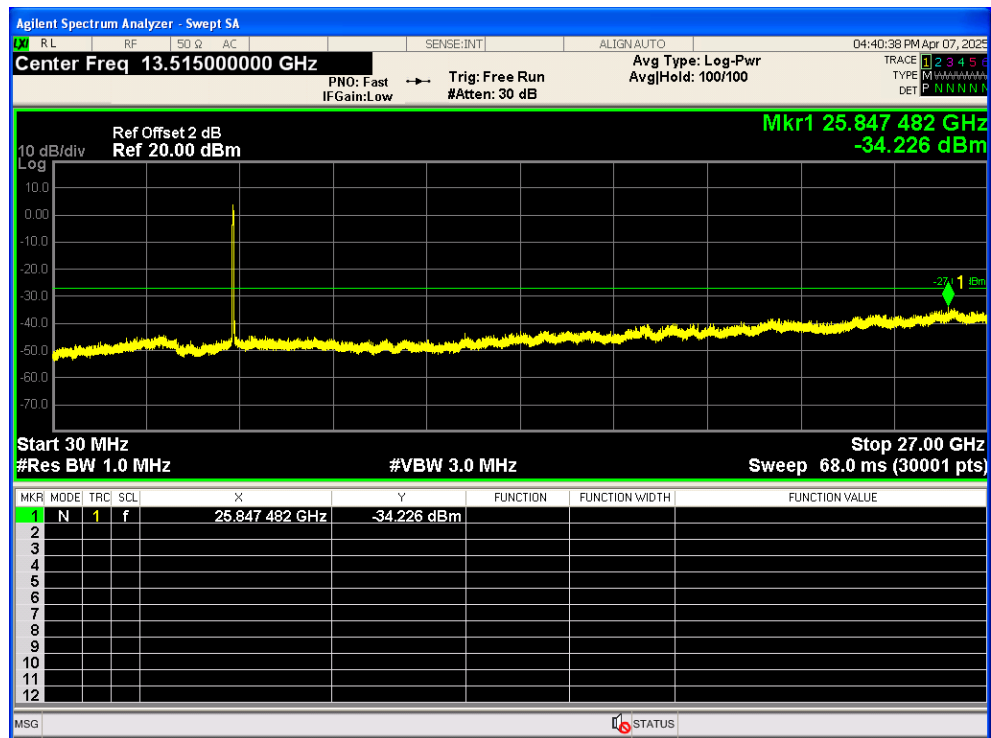
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission

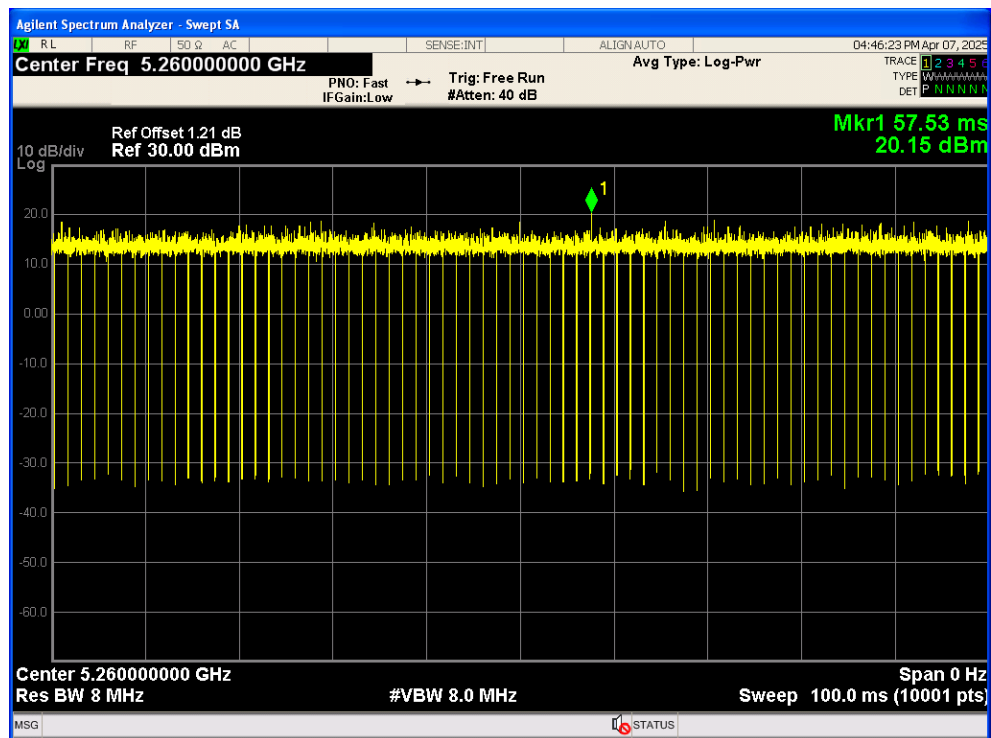


WIFI 5.3G:

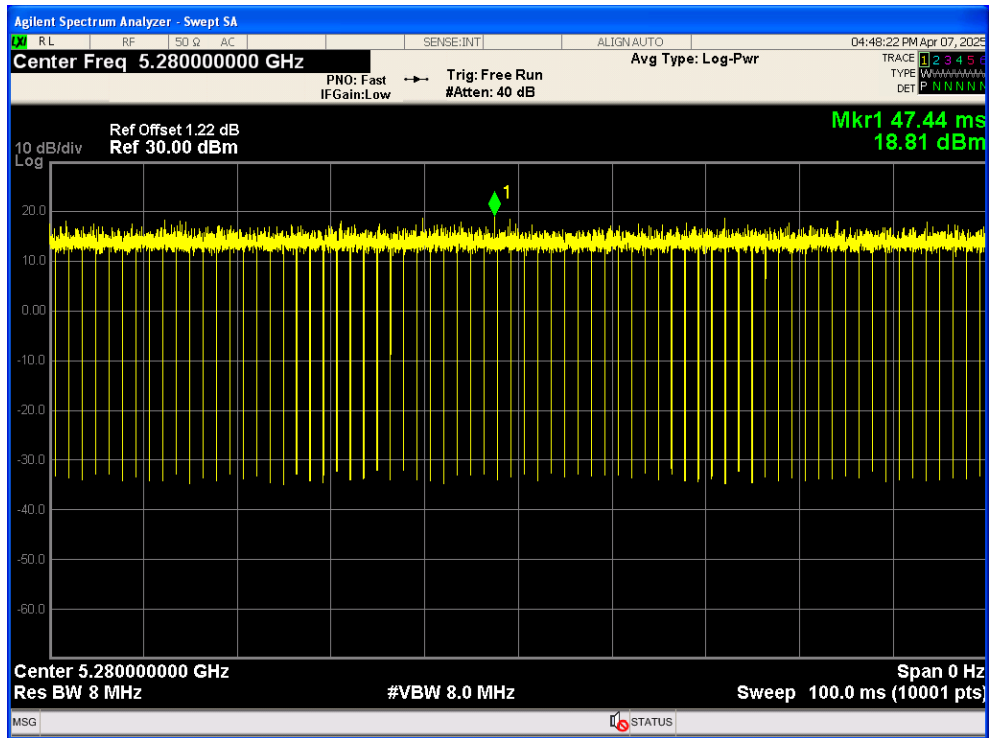
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5260	Ant1	98.2	0.08
NVNT	a	5280	Ant1	98.19	0.08
NVNT	a	5320	Ant1	98.2	0.08
NVNT	ac20	5260	Ant1	98.07	0.08
NVNT	ac20	5280	Ant1	98.09	0.08
NVNT	ac20	5320	Ant1	98.07	0.08
NVNT	ac40	5270	Ant1	96.37	0.16
NVNT	ac40	5310	Ant1	96.4	0.16
NVNT	ac80	5290	Ant1	93.16	0.31
NVNT	n20	5260	Ant1	98.06	0.09
NVNT	n20	5280	Ant1	98.06	0.09
NVNT	n20	5320	Ant1	98.08	0.08
NVNT	n40	5270	Ant1	96.33	0.16
NVNT	n40	5310	Ant1	96.35	0.16

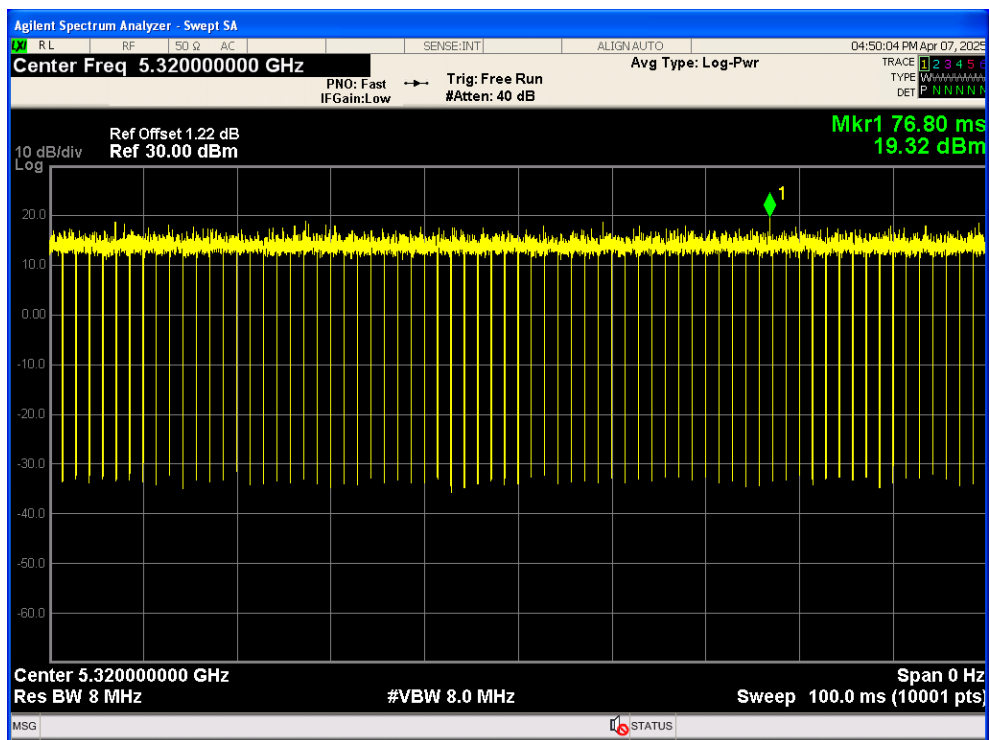
Duty Cycle NVNT a 5260MHz Ant1



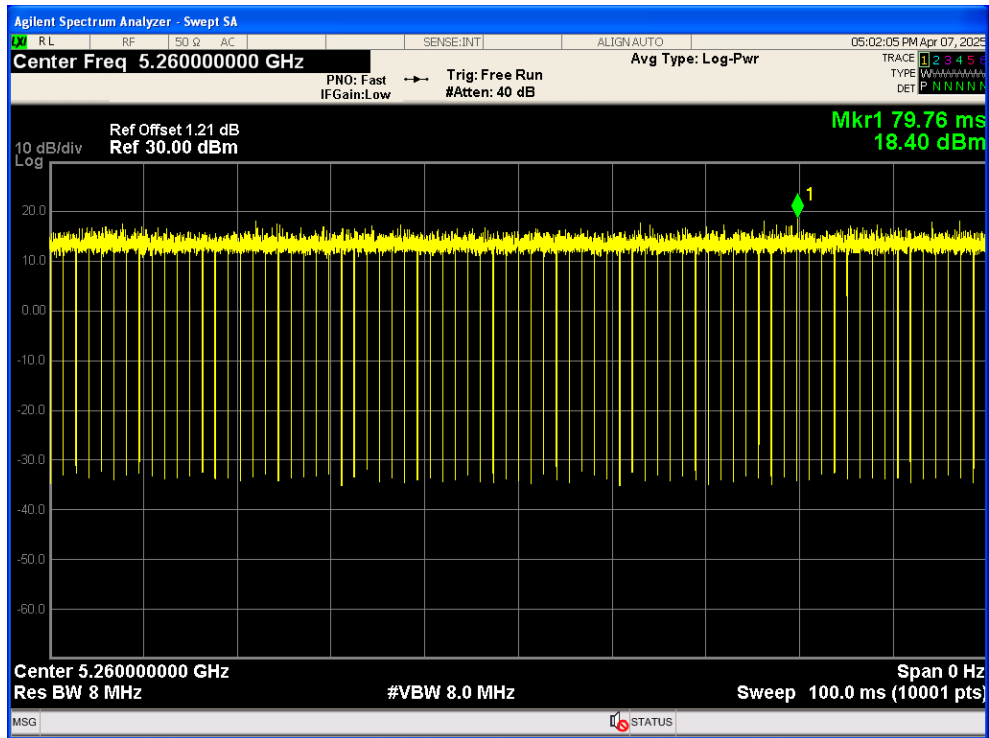
Duty Cycle NVNT a 5280MHz Ant1



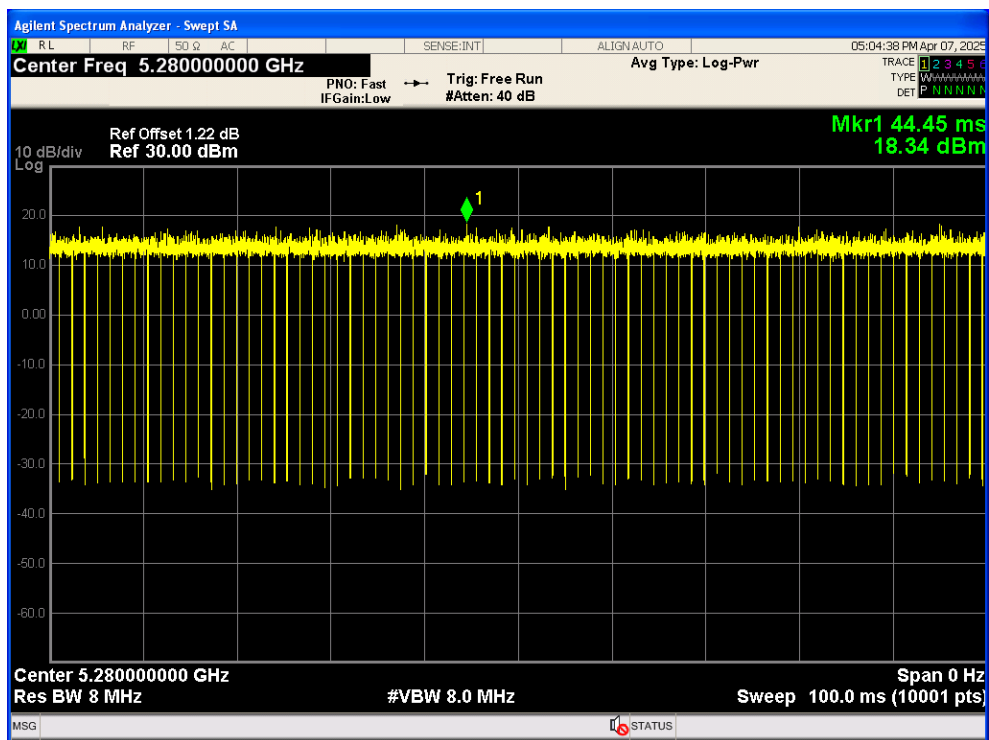
Duty Cycle NVNT a 5320MHz Ant1



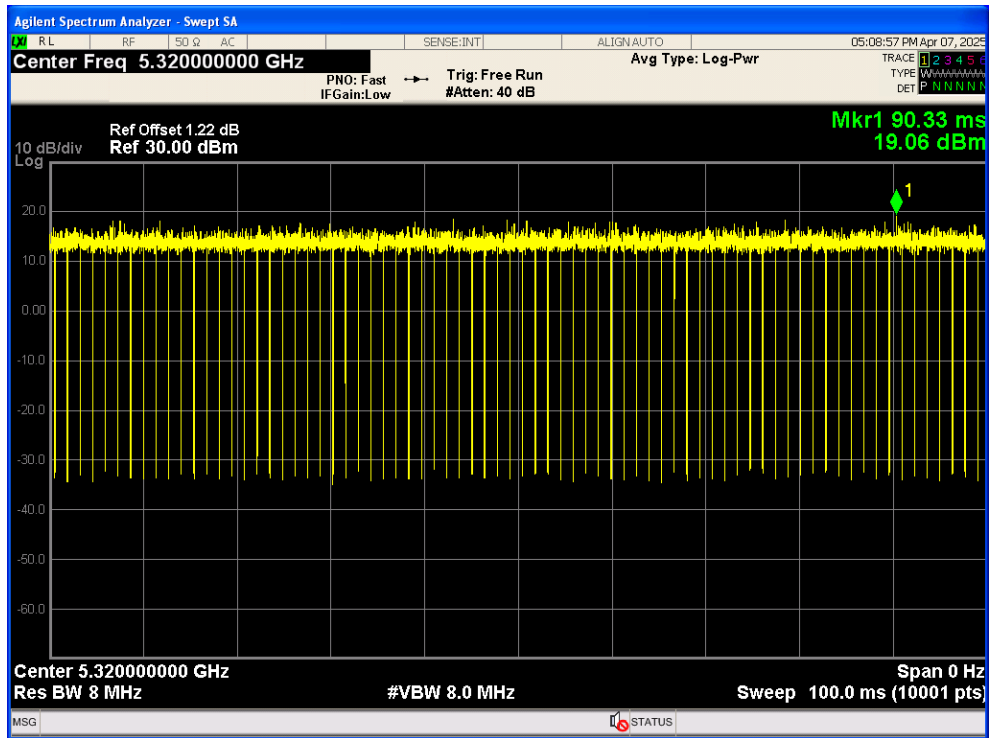
Duty Cycle NVNT ac20 5260MHz Ant1



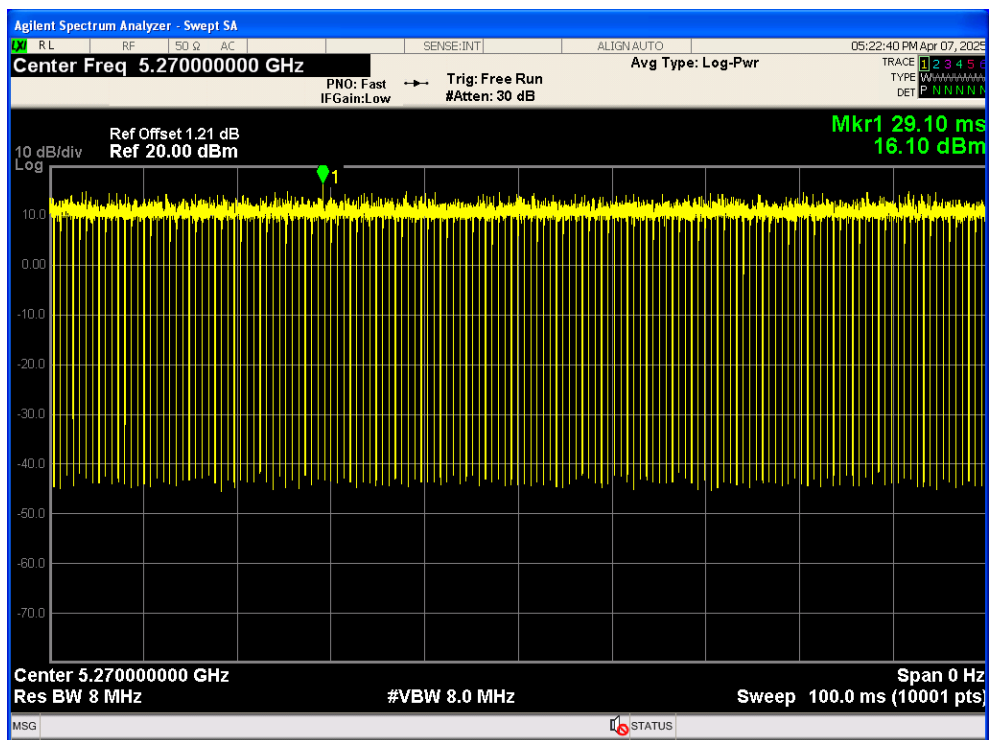
Duty Cycle NVNT ac20 5280MHz Ant1



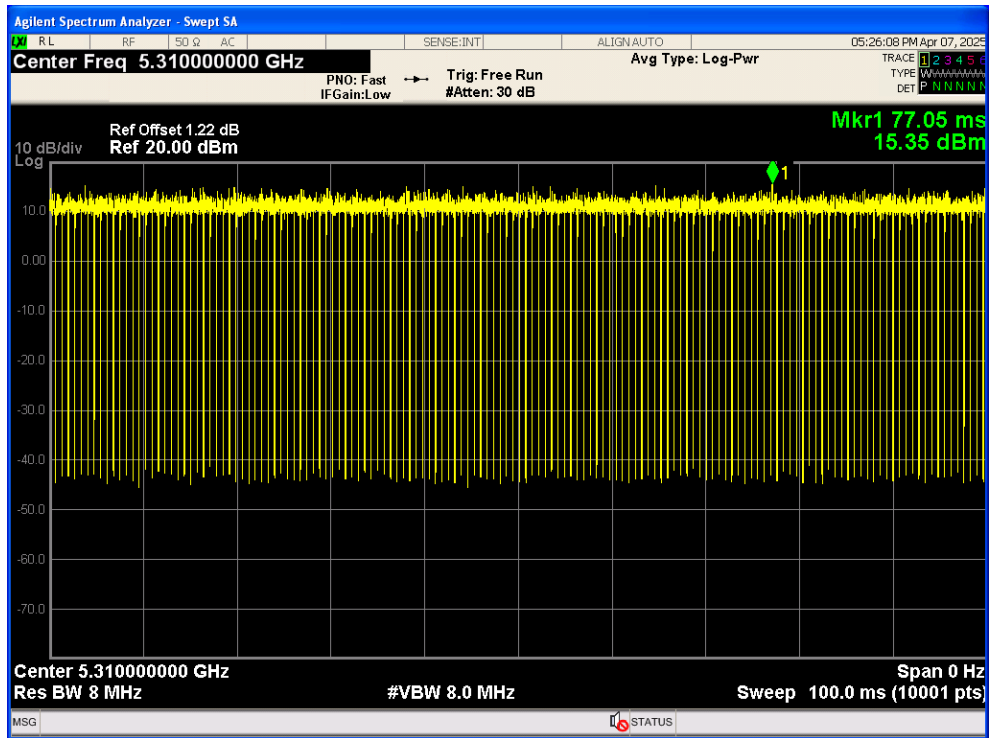
Duty Cycle NVNT ac20 5320MHz Ant1



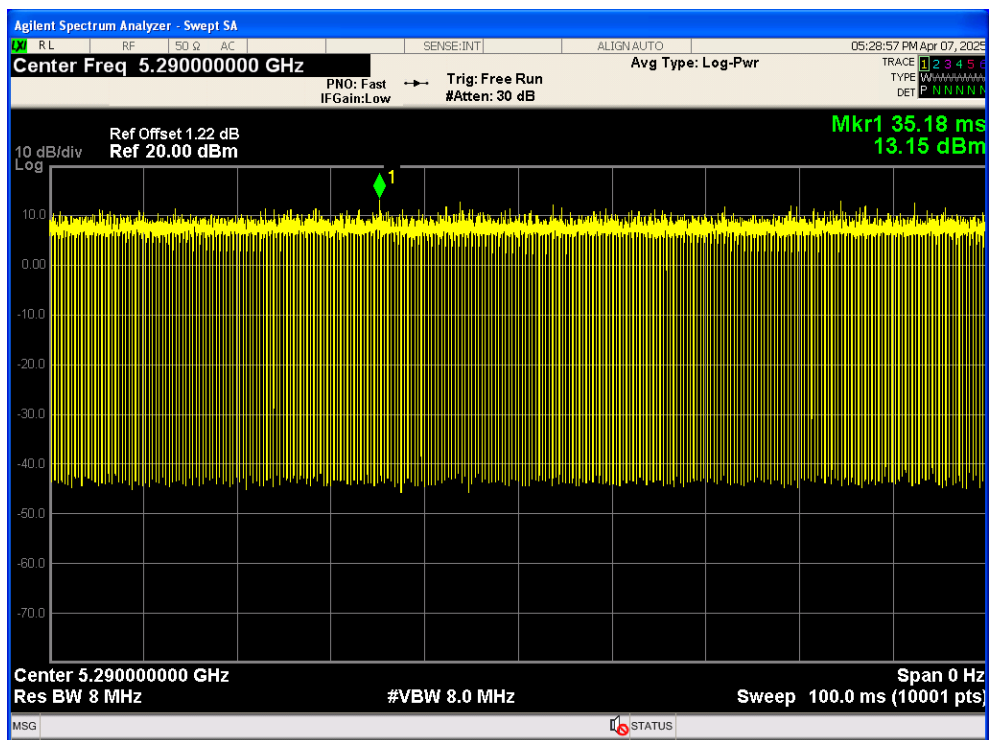
Duty Cycle NVNT ac40 5270MHz Ant1



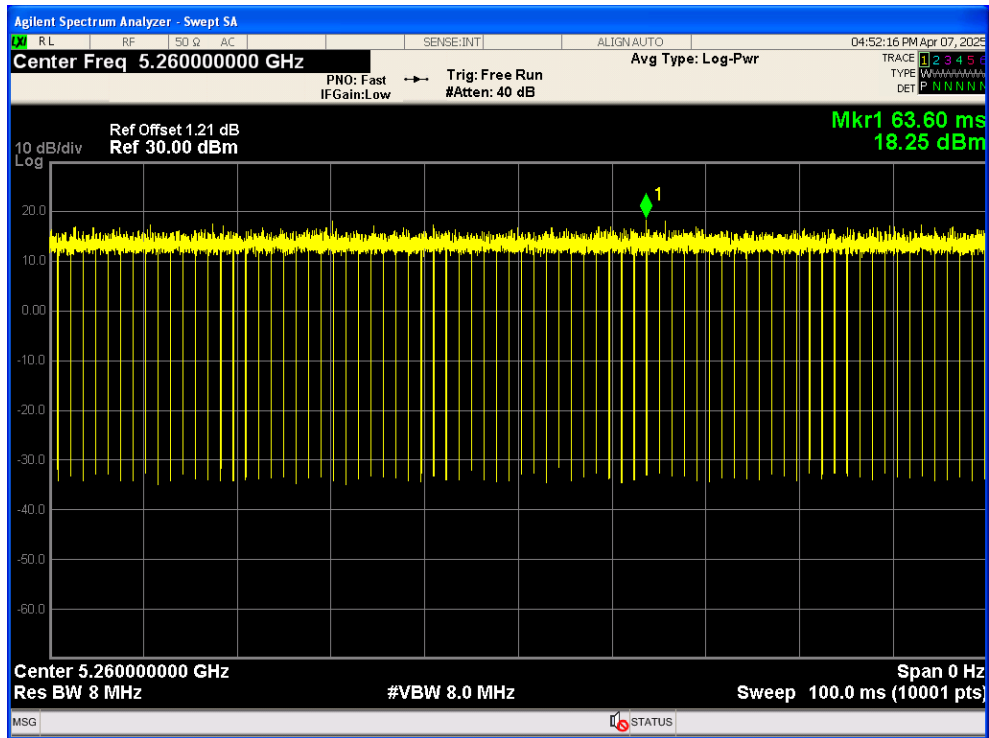
Duty Cycle NVNT ac40 5310MHz Ant1



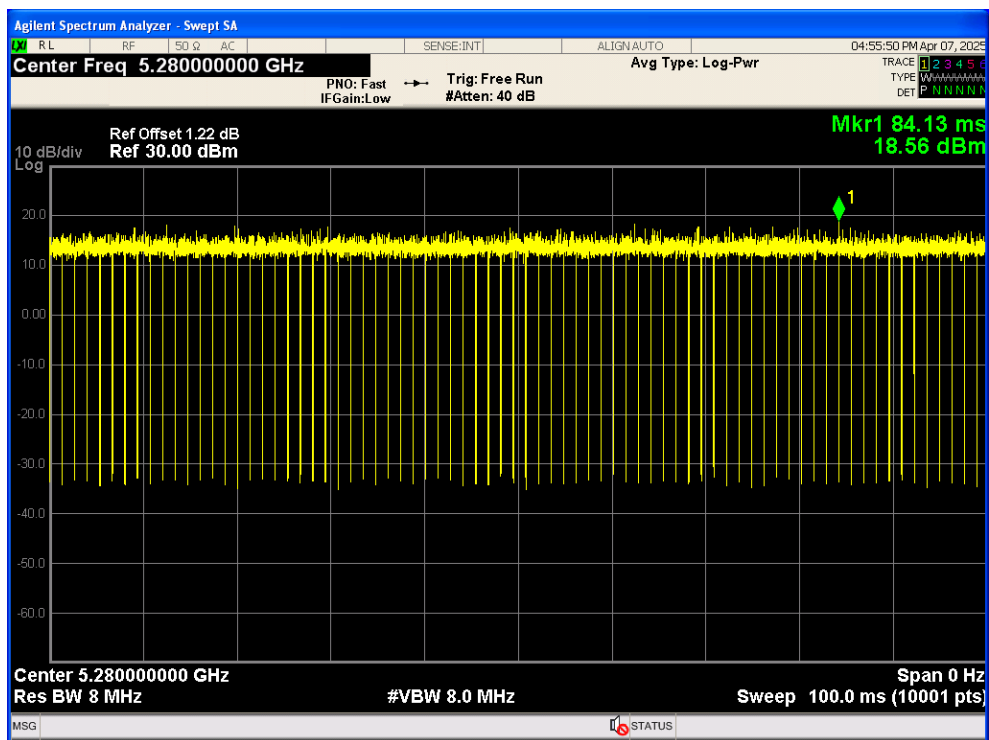
Duty Cycle NVNT ac80 5290MHz Ant1



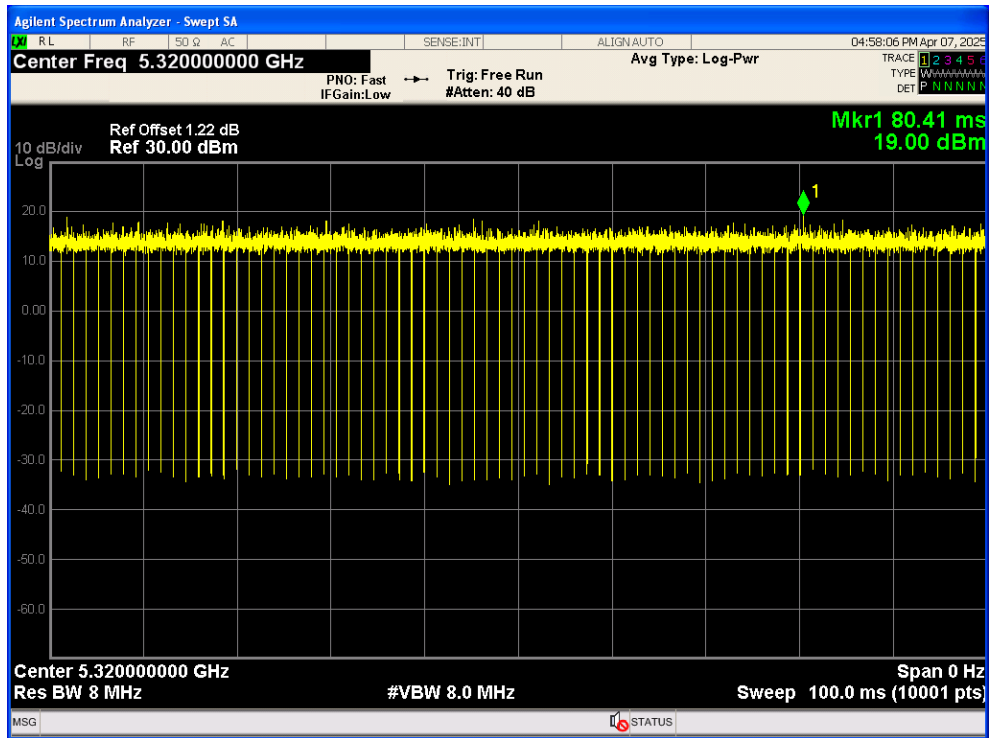
Duty Cycle NVNT n20 5260MHz Ant1



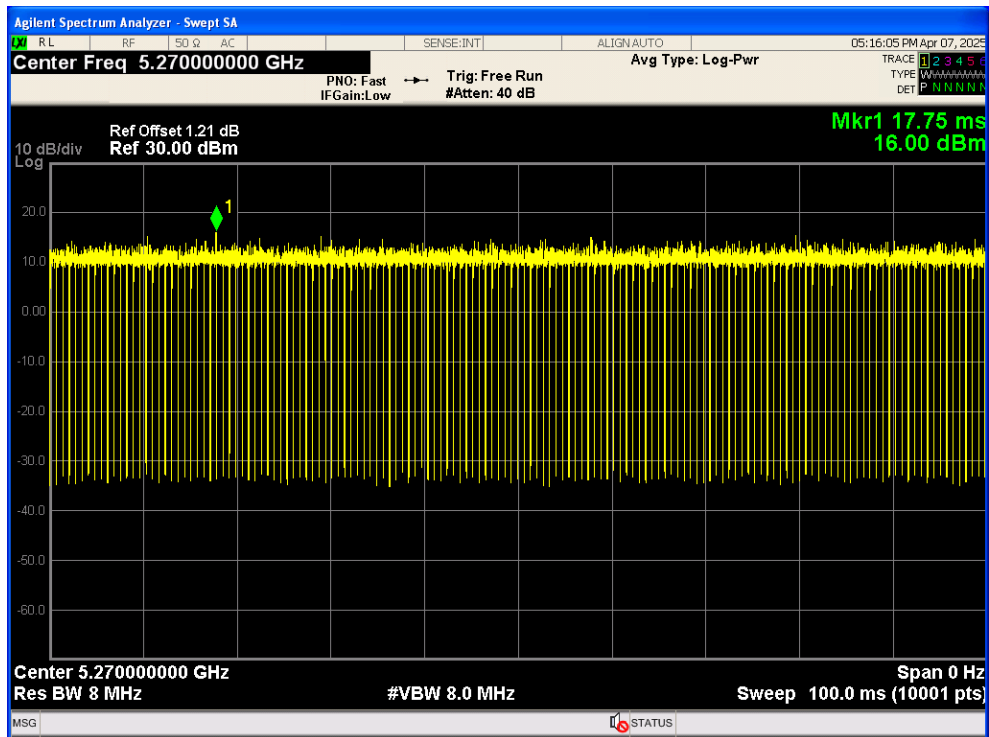
Duty Cycle NVNT n20 5280MHz Ant1



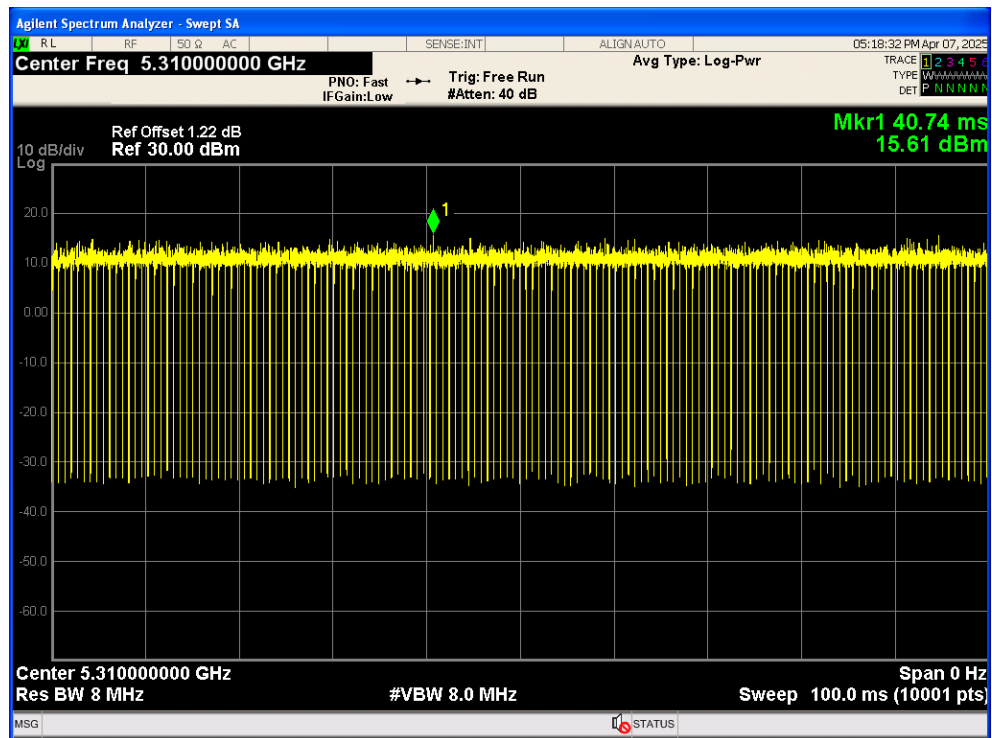
Duty Cycle NVNT n20 5320MHz Ant1



Duty Cycle NVNT n40 5270MHz Ant1



Duty Cycle NVNT n40 5310MHz Ant1



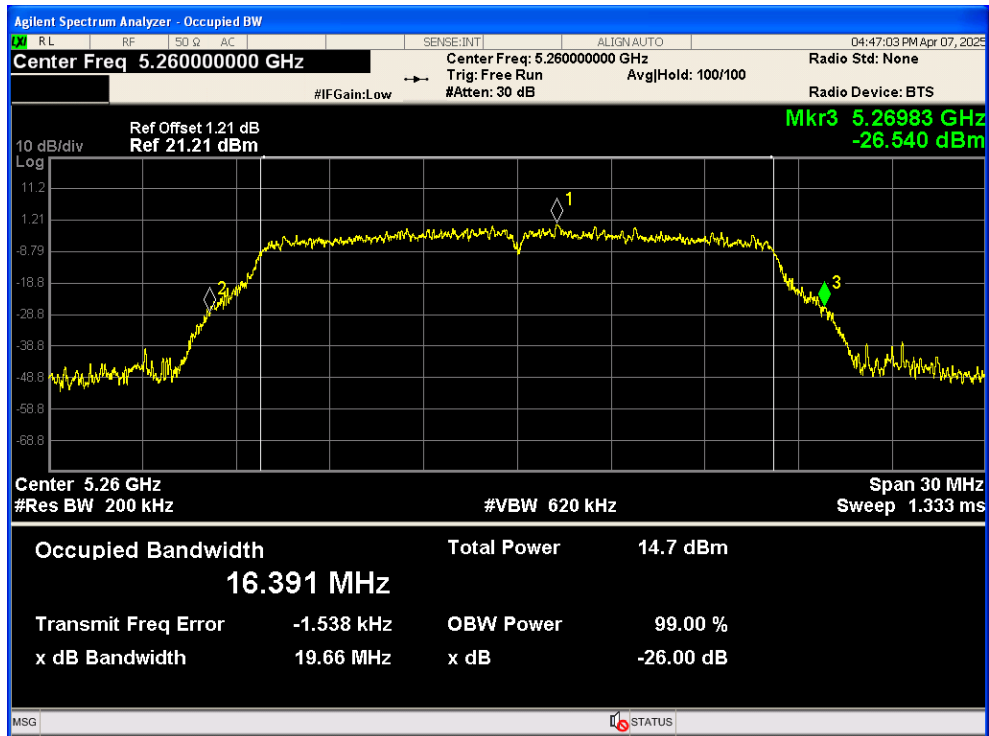
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	9.14	23.94	Pass
NVNT	a	5280	Ant1	9.227	23.91	Pass
NVNT	a	5320	Ant1	9.392	23.89	Pass
NVNT	ac20	5260	Ant1	9.113	23.99	Pass
NVNT	ac20	5280	Ant1	9.225	23.99	Pass
NVNT	ac20	5320	Ant1	9.461	24	Pass
NVNT	ac40	5270	Ant1	9.251	24	Pass
NVNT	ac40	5310	Ant1	9.485	24	Pass
NVNT	ac80	5290	Ant1	9.149	24	Pass
NVNT	n20	5260	Ant1	8.949	24	Pass
NVNT	n20	5280	Ant1	9.108	24	Pass
NVNT	n20	5320	Ant1	9.337	24	Pass
NVNT	n40	5270	Ant1	9.139	24	Pass
NVNT	n40	5310	Ant1	9.374	24	Pass

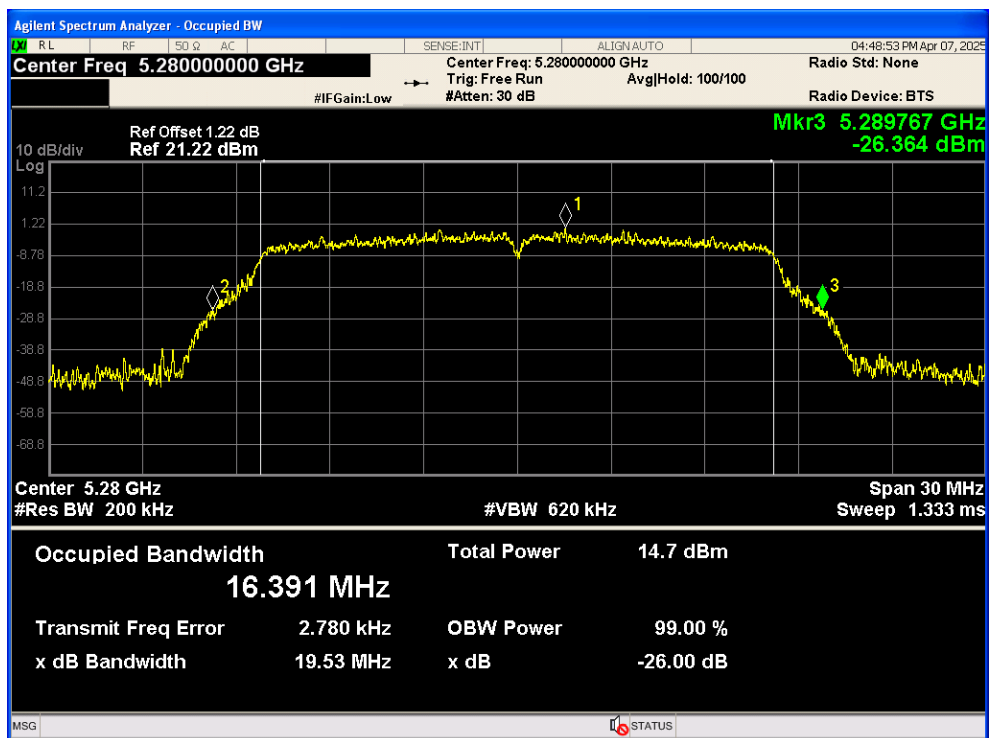
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a	5260	Ant1	19.663
NVNT	a	5280	Ant1	19.528
NVNT	a	5320	Ant1	19.456
NVNT	ac20	5260	Ant1	19.908
NVNT	ac20	5280	Ant1	19.925
NVNT	ac20	5320	Ant1	19.998
NVNT	ac40	5270	Ant1	39.851
NVNT	ac40	5310	Ant1	40.355
NVNT	ac80	5290	Ant1	80.45
NVNT	n20	5260	Ant1	20.019
NVNT	n20	5280	Ant1	19.956
NVNT	n20	5320	Ant1	20
NVNT	n40	5270	Ant1	39.98
NVNT	n40	5310	Ant1	40.106

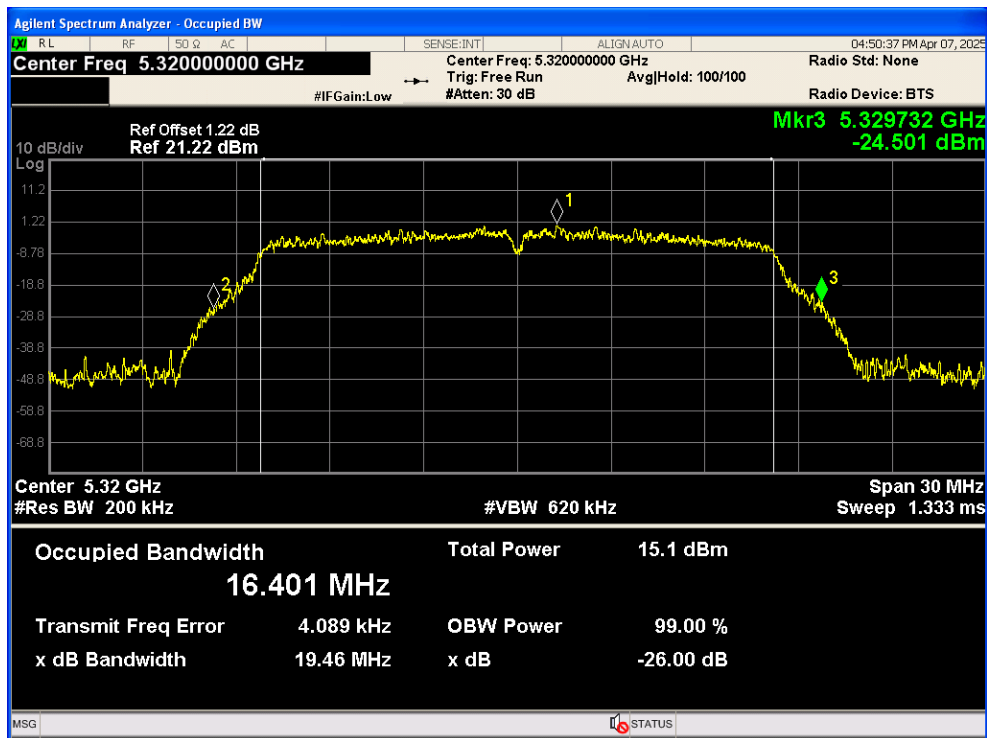
-26dB Bandwidth NVNT a 5260MHz Ant1



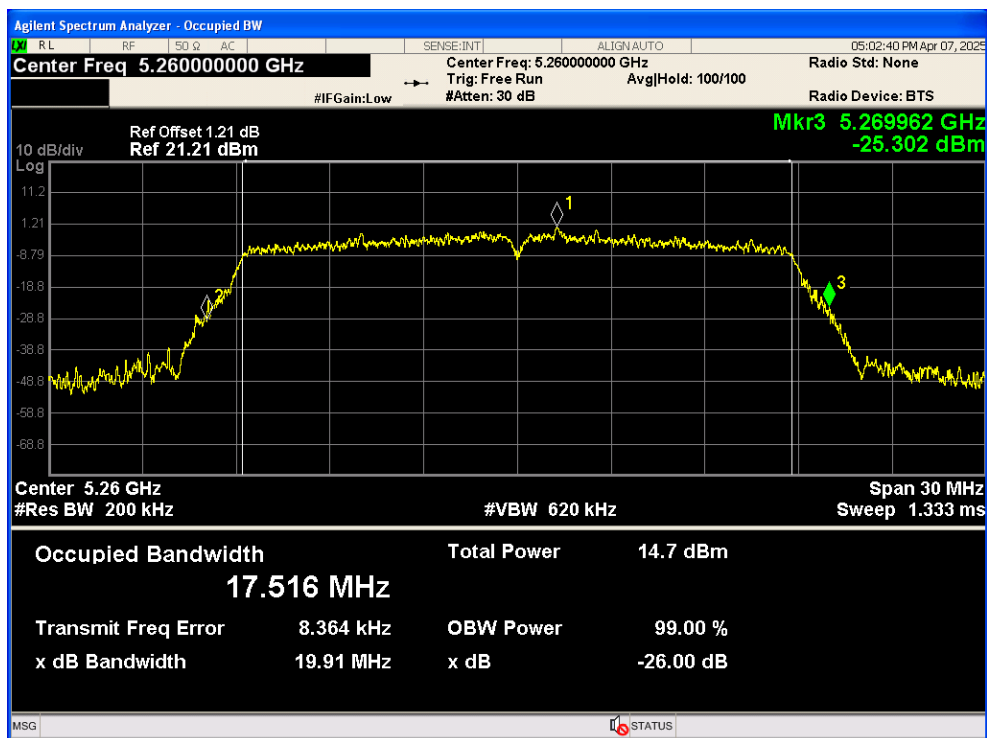
-26dB Bandwidth NVNT a 5280MHz Ant1



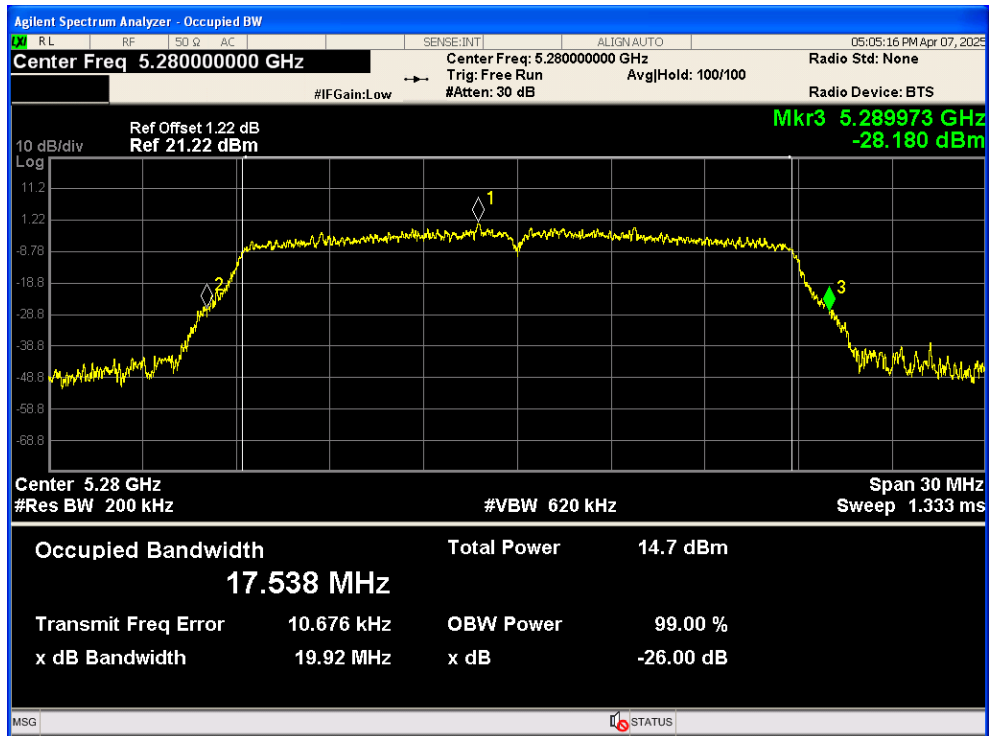
-26dB Bandwidth NVNT a 5320MHz Ant1



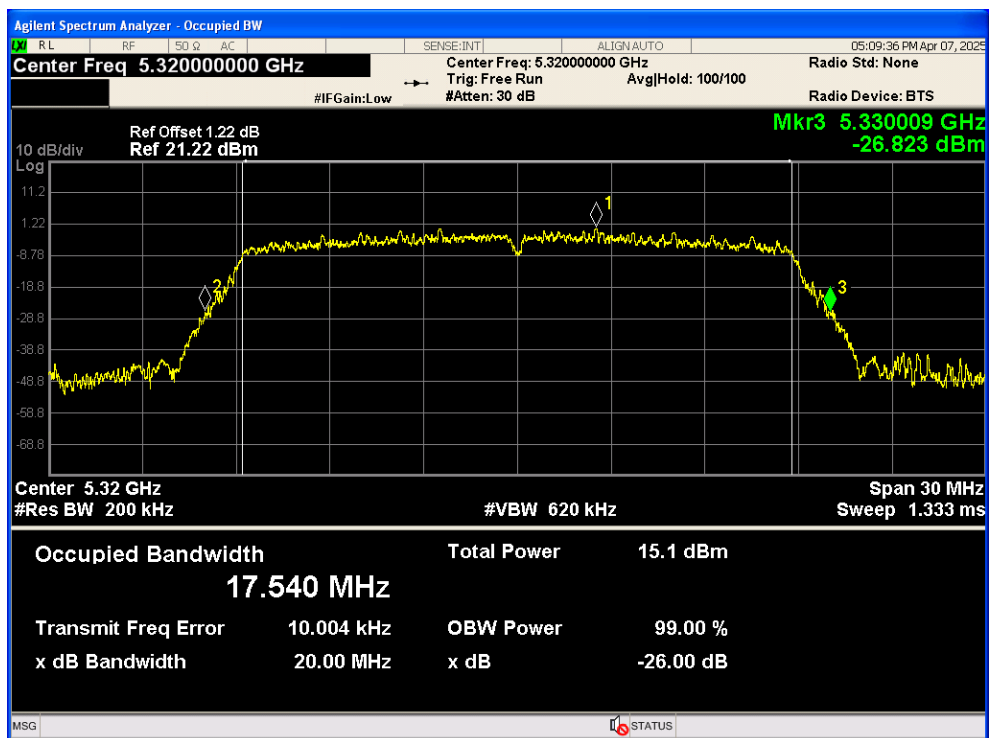
-26dB Bandwidth NVNT ac20 5260MHz Ant1



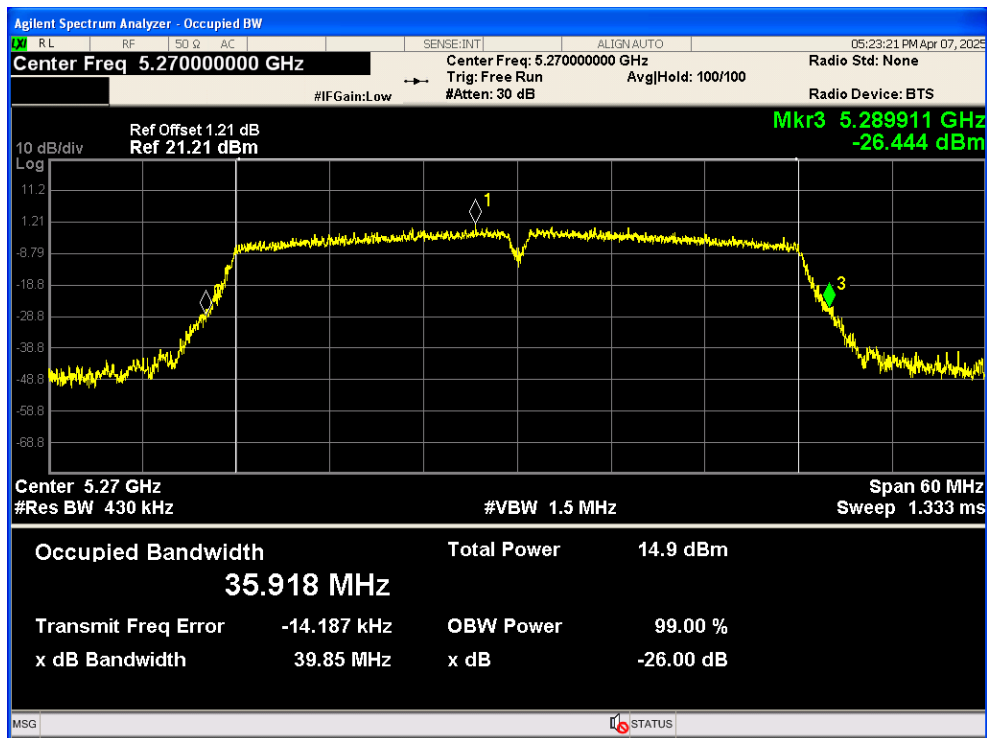
-26dB Bandwidth NVNT ac20 5280MHz Ant1



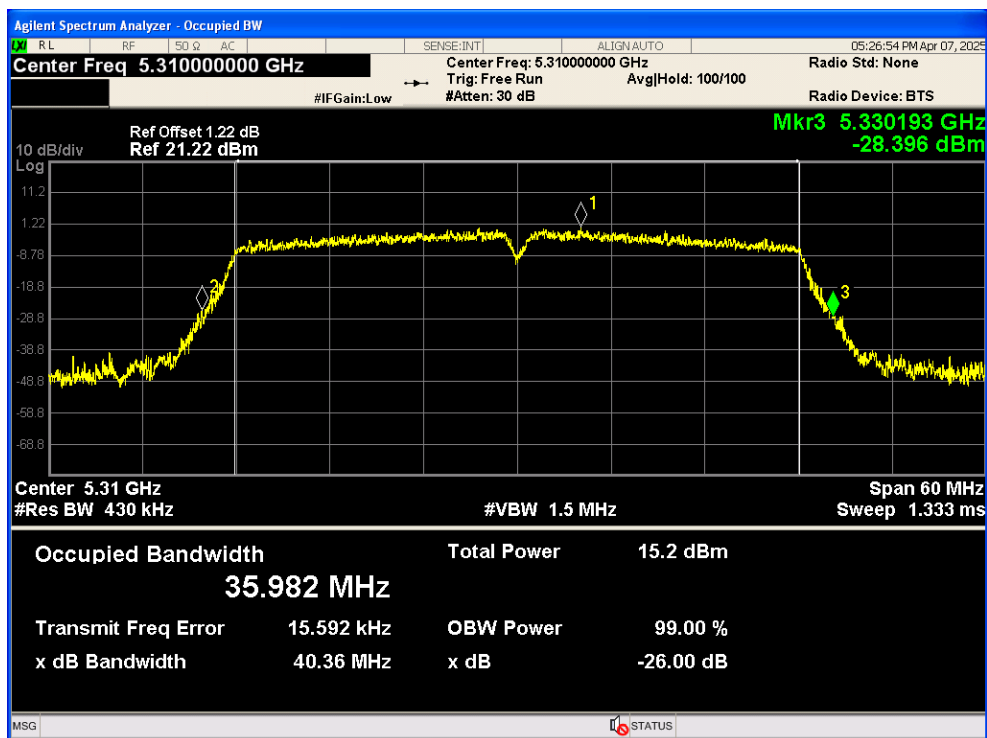
-26dB Bandwidth NVNT ac20 5320MHz Ant1



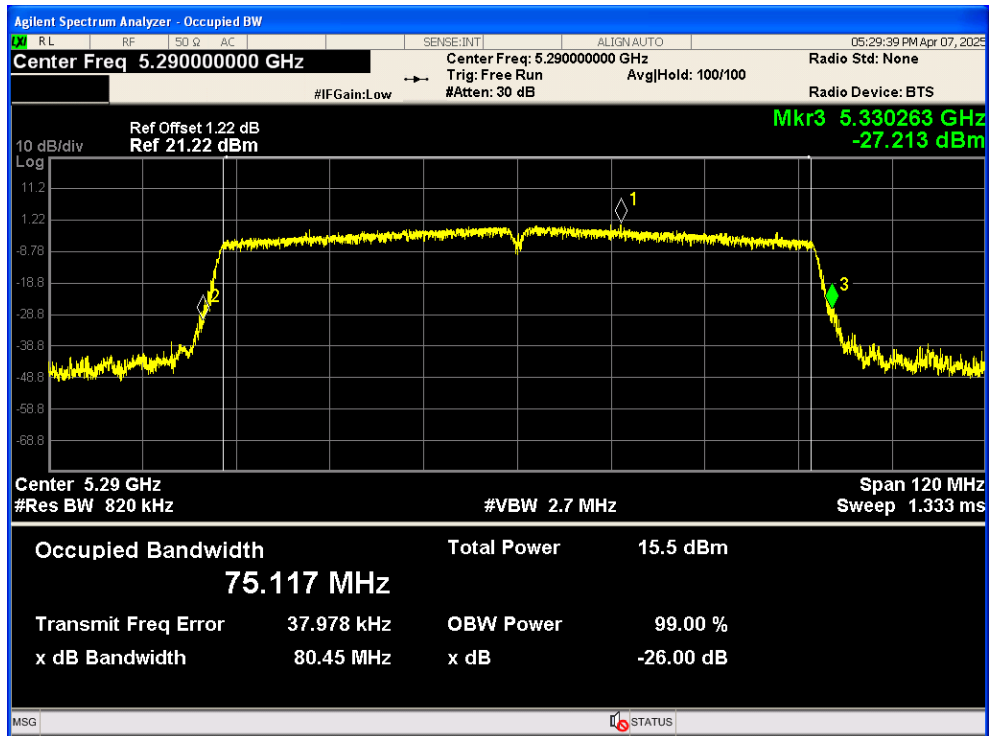
-26dB Bandwidth NVNT ac40 5270MHz Ant1



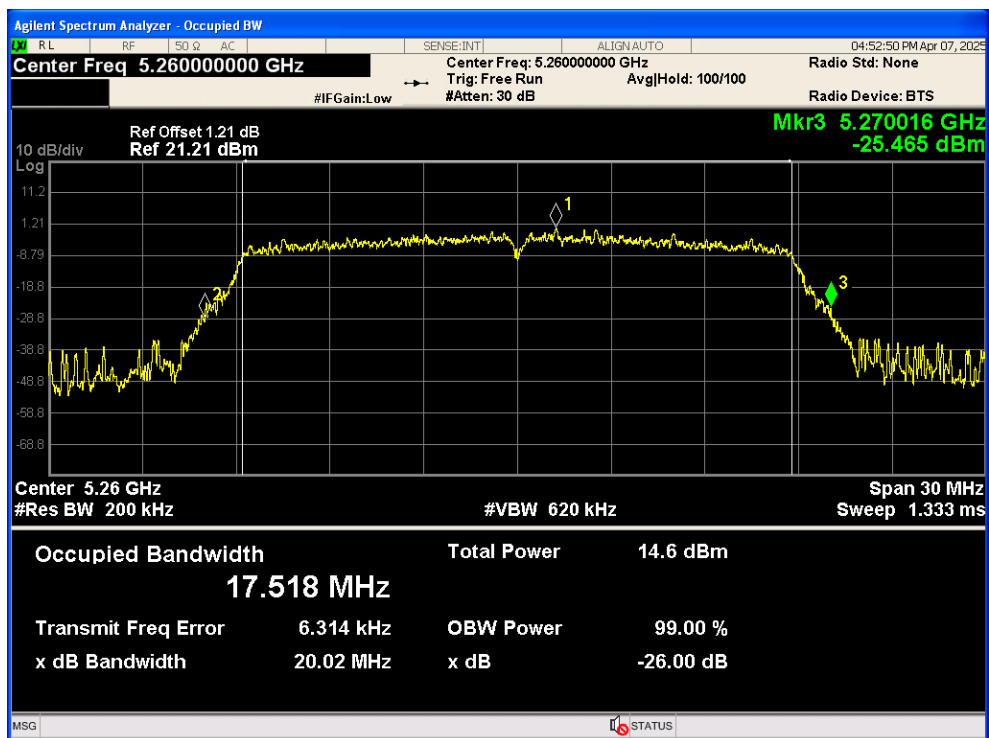
-26dB Bandwidth NVNT ac40 5310MHz Ant1



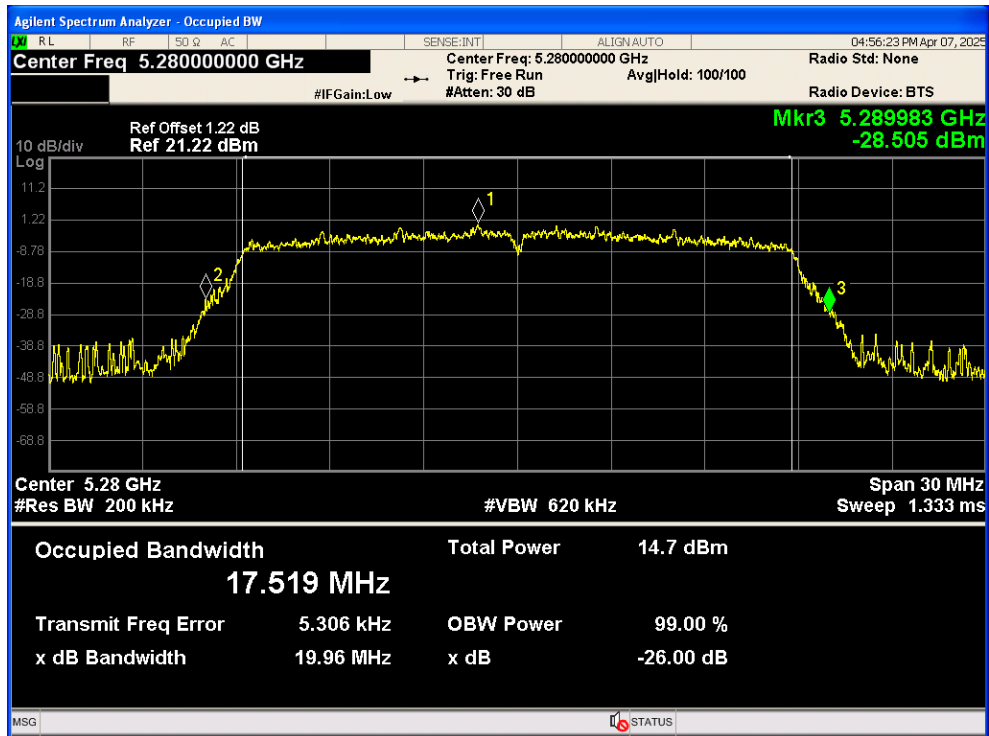
-26dB Bandwidth NVNT ac80 5290MHz Ant1



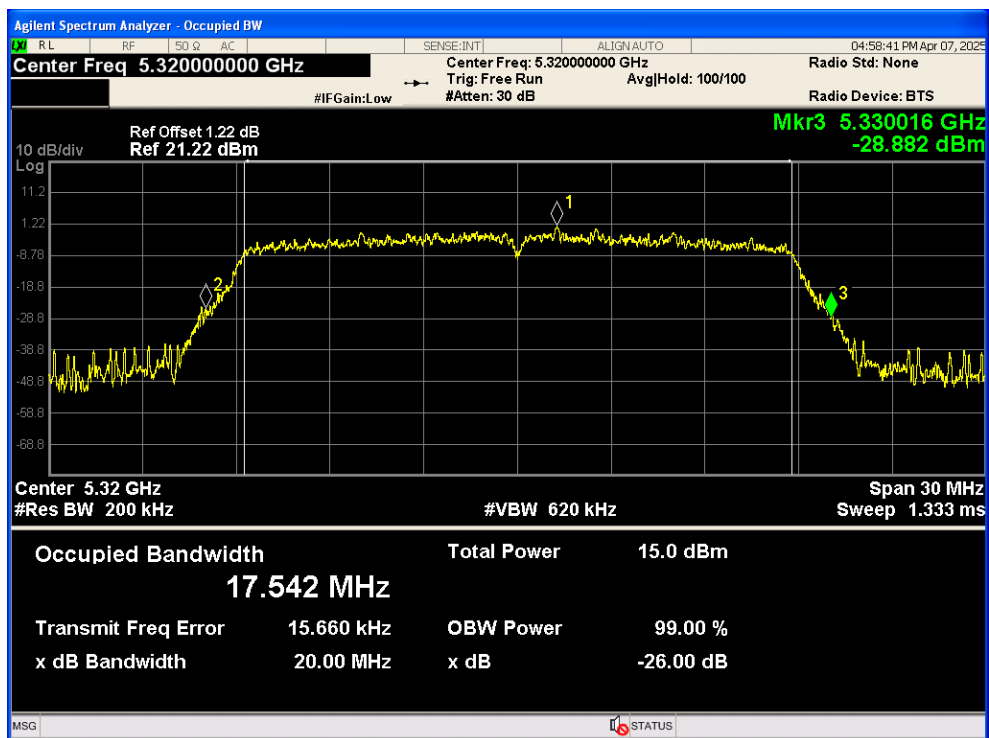
-26dB Bandwidth NVNT n20 5260MHz Ant1



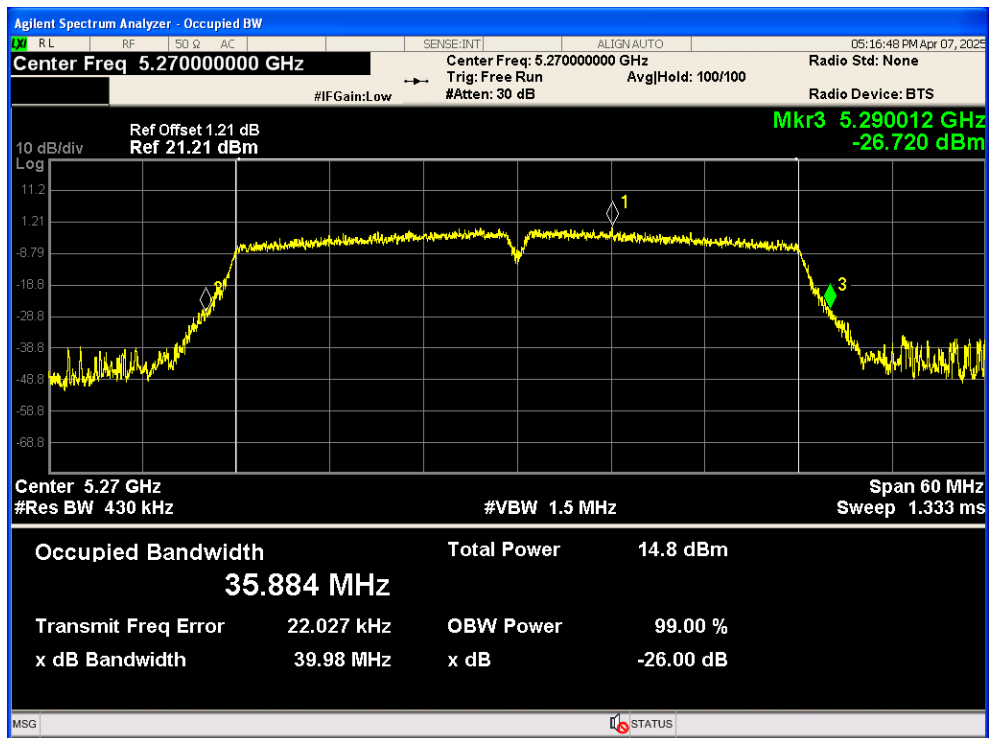
-26dB Bandwidth NVNT n20 5280MHz Ant1



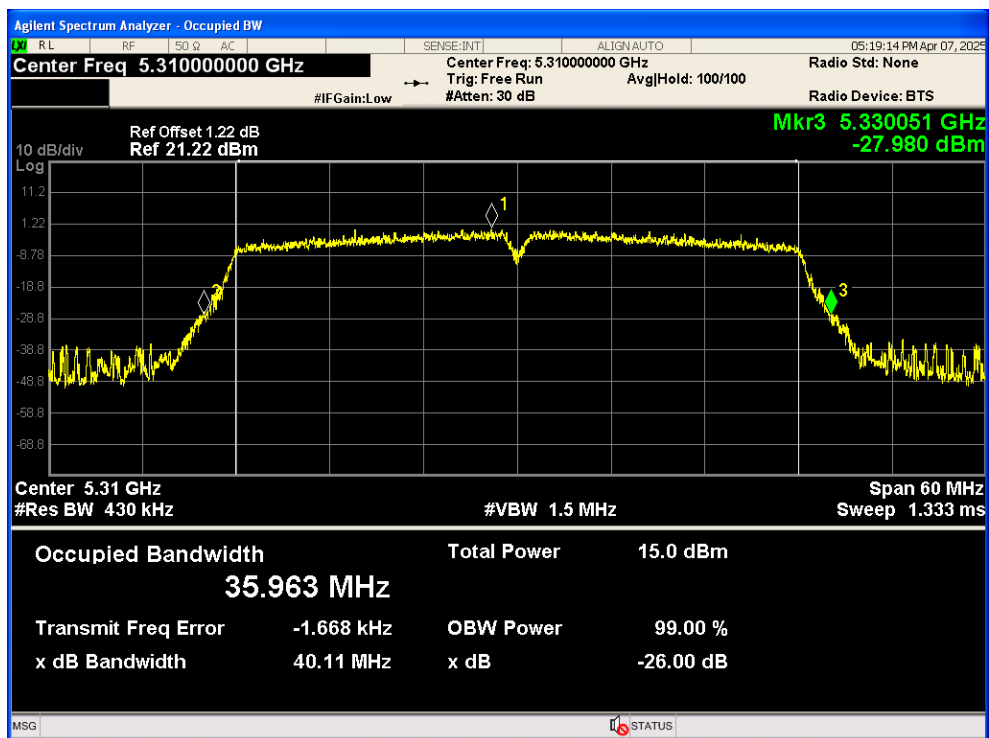
-26dB Bandwidth NVNT n20 5320MHz Ant1



-26dB Bandwidth NVNT n40 5270MHz Ant1



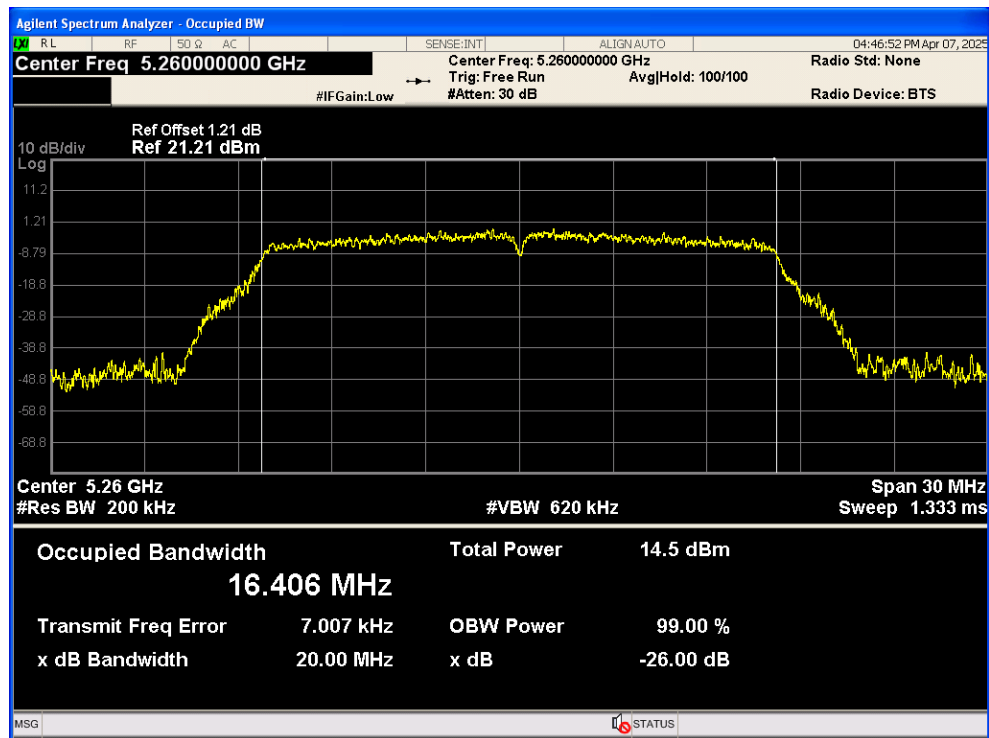
-26dB Bandwidth NVNT n40 5310MHz Ant1



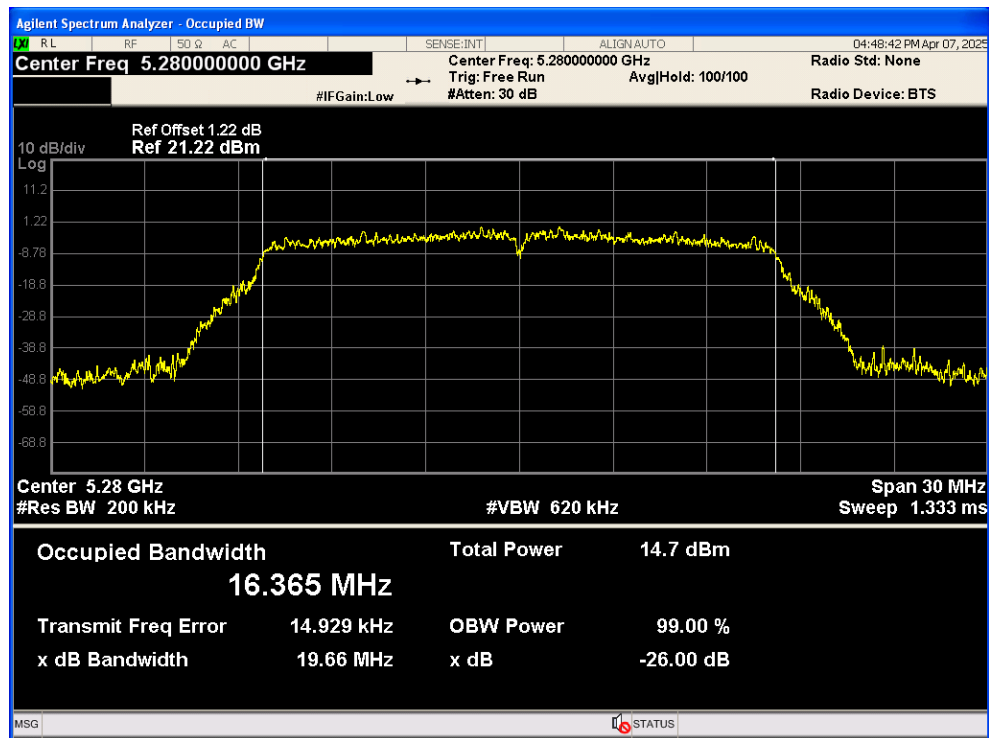
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.406
NVNT	a	5280	Ant1	16.365
NVNT	a	5320	Ant1	16.37
NVNT	ac20	5260	Ant1	17.536
NVNT	ac20	5280	Ant1	17.529
NVNT	ac20	5320	Ant1	17.56
NVNT	ac40	5270	Ant1	35.973
NVNT	ac40	5310	Ant1	35.983
NVNT	ac80	5290	Ant1	75.144
NVNT	n20	5260	Ant1	17.517
NVNT	n20	5280	Ant1	17.529
NVNT	n20	5320	Ant1	17.541
NVNT	n40	5270	Ant1	35.934
NVNT	n40	5310	Ant1	35.916

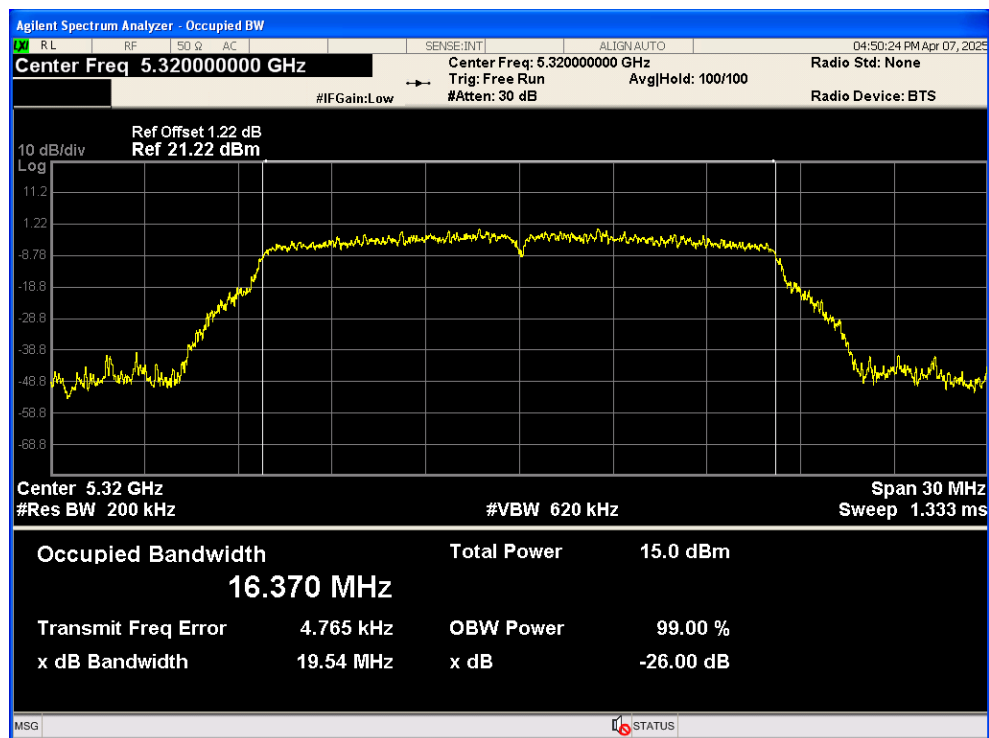
OBW NVNT a 5260MHz Ant1



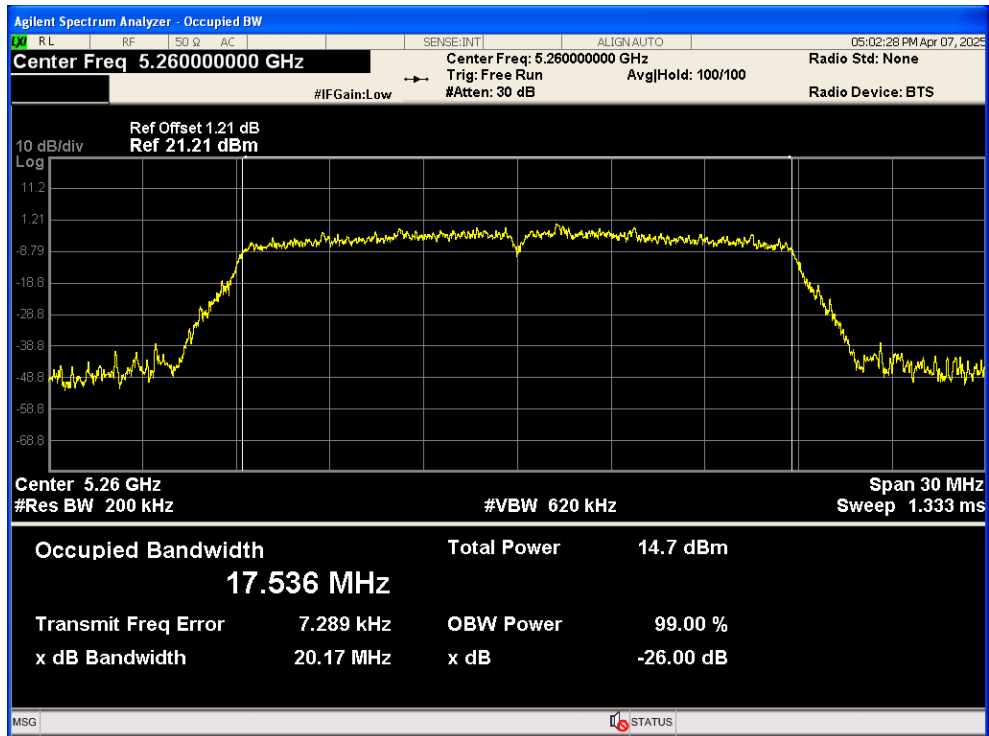
OBW NVNT a 5280MHz Ant1



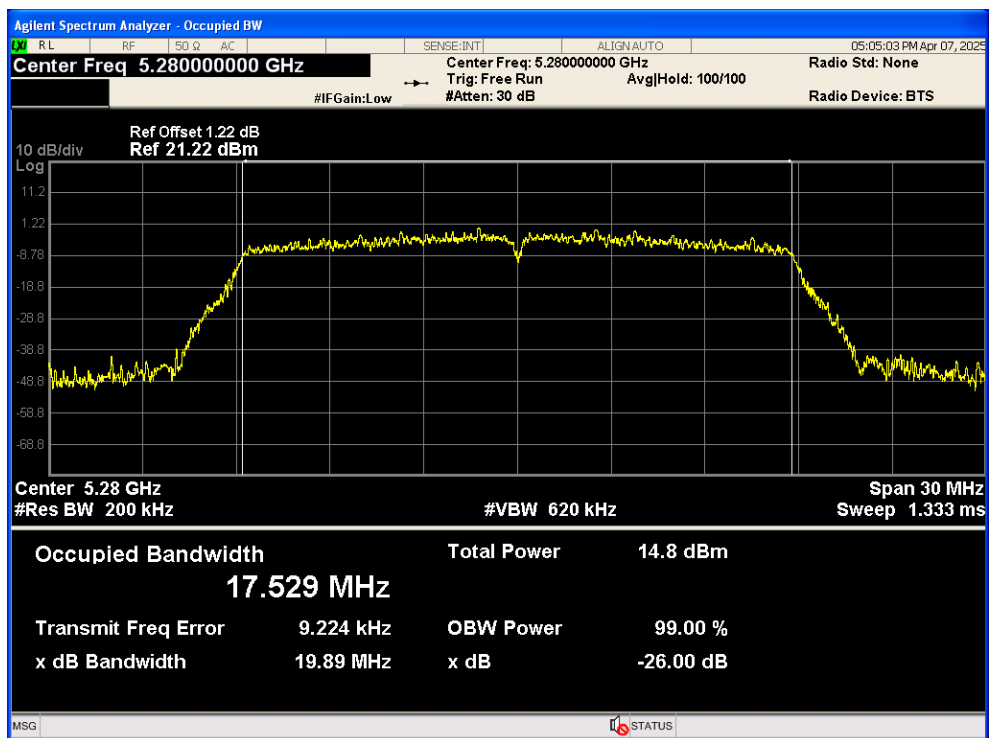
OBW NVNT a 5320MHz Ant1



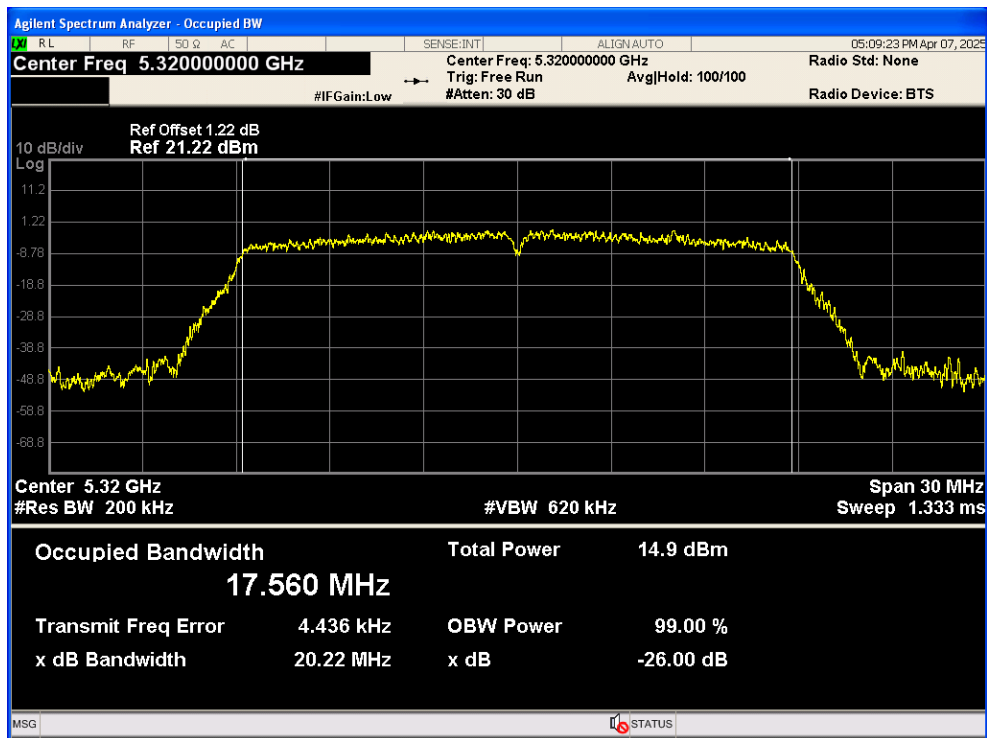
OBW NVNT ac20 5260MHz Ant1



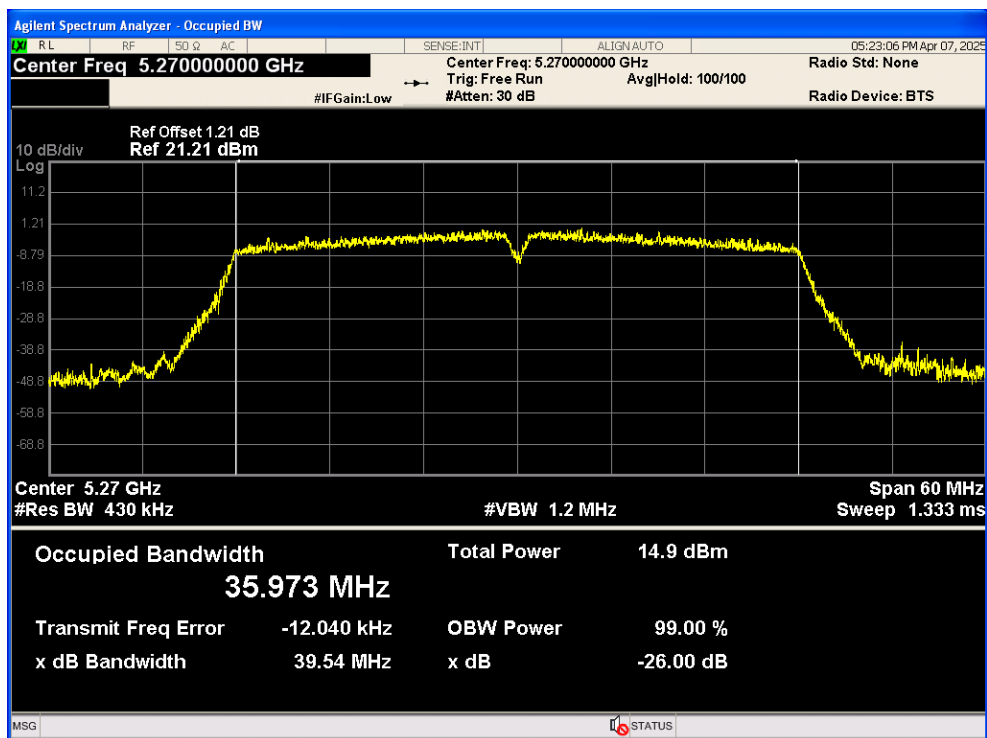
OBW NVNT ac20 5280MHz Ant1



OBW NVNT ac20 5320MHz Ant1



OBW NVNT ac40 5270MHz Ant1



OBW NVNT ac40 5310MHz Ant1