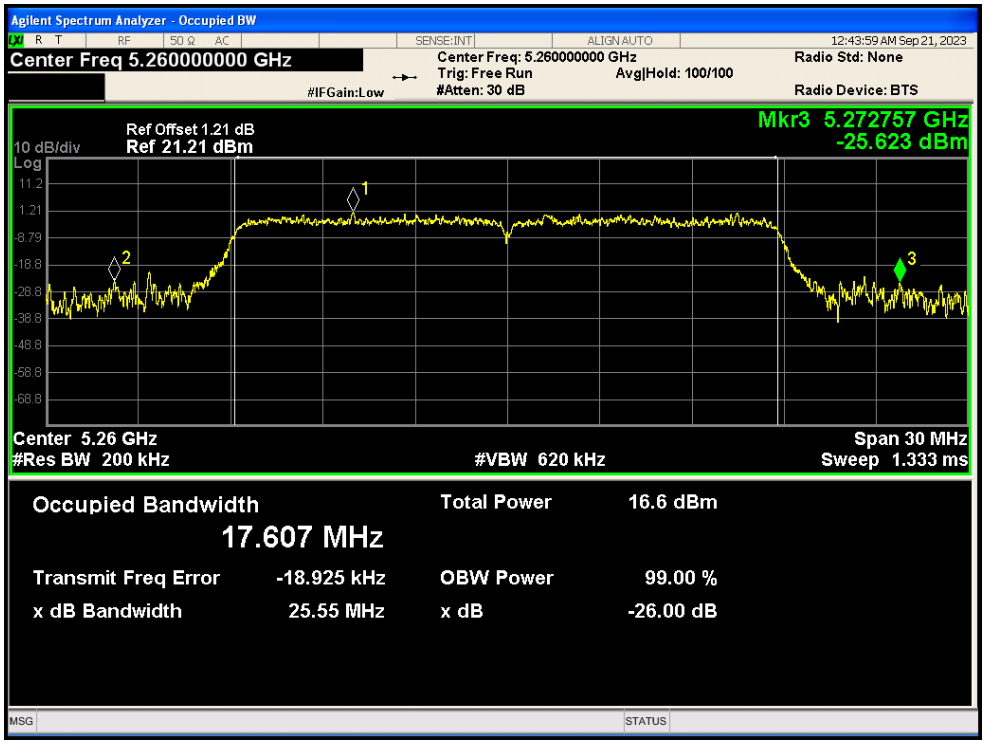
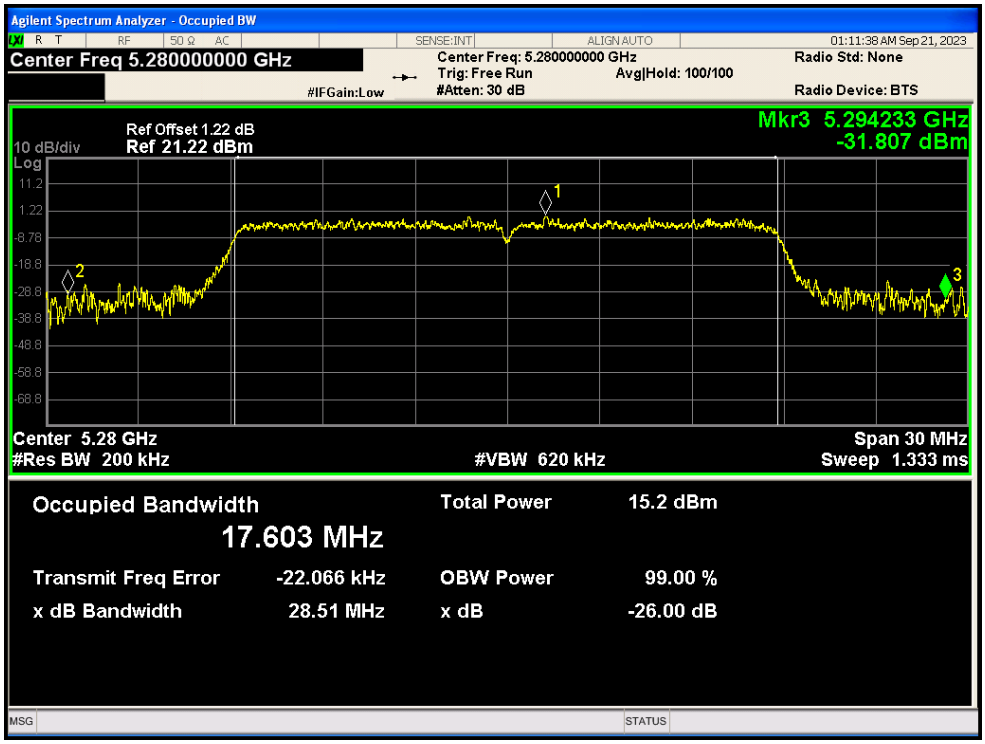
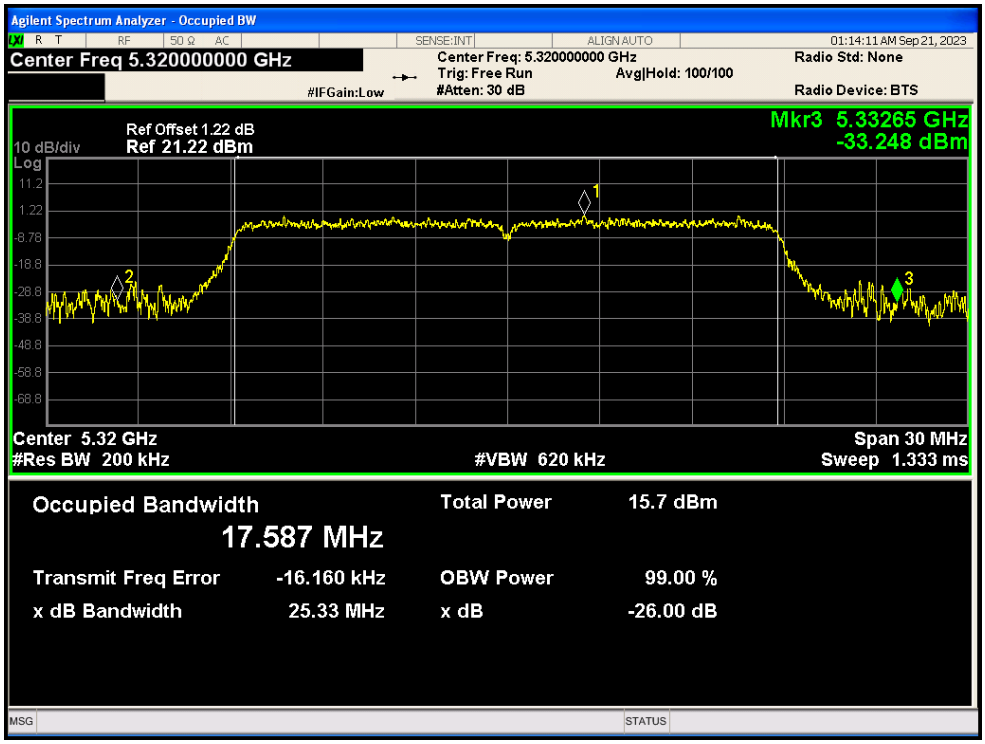


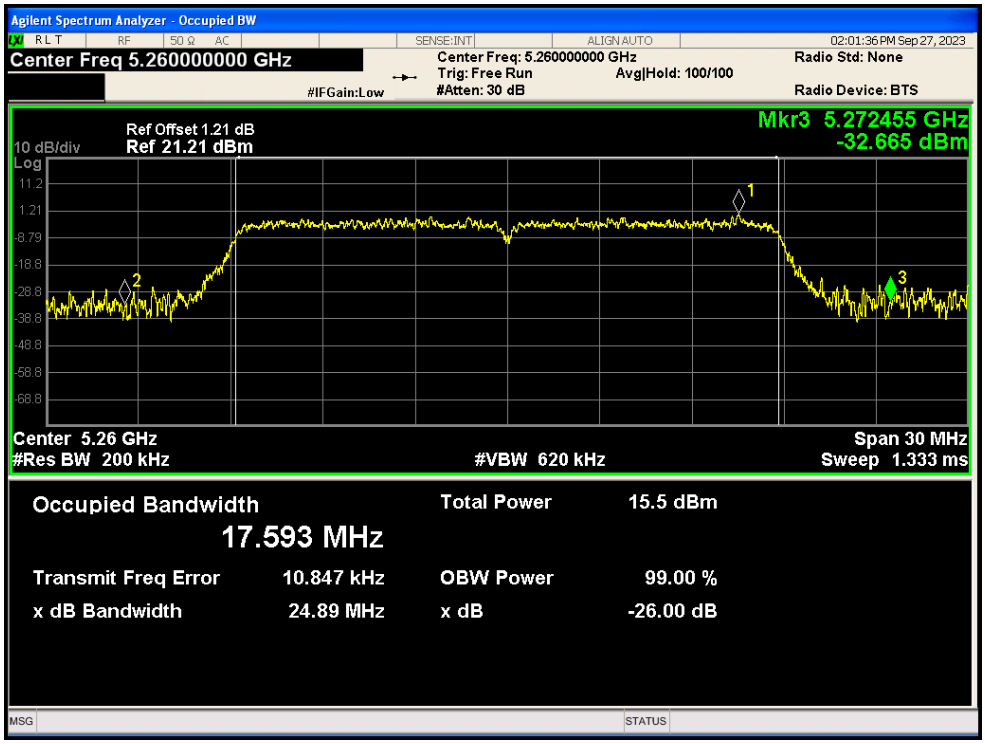
-26dB Bandwidth NVNT ac20 5280MHz Ant1



-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac20 5260MHz Ant2



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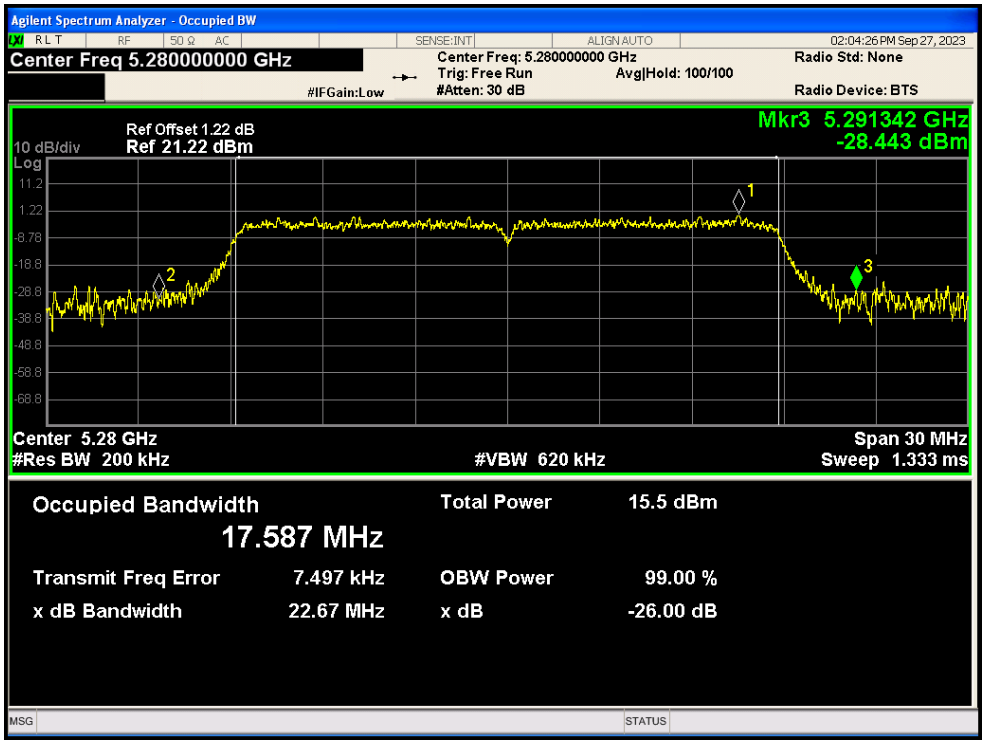
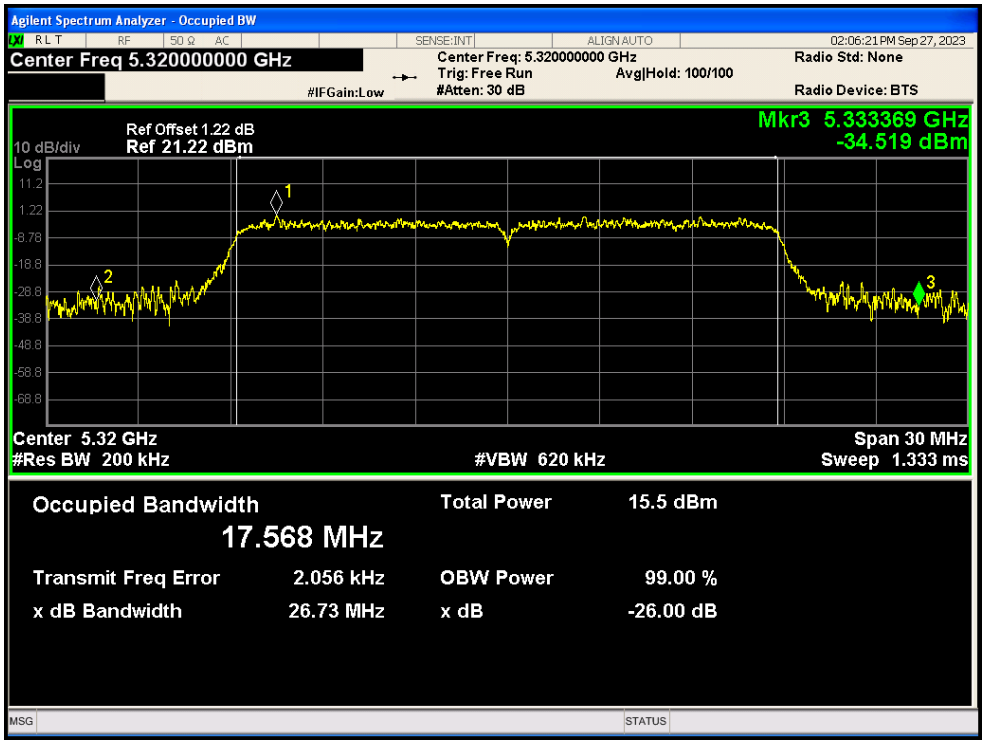
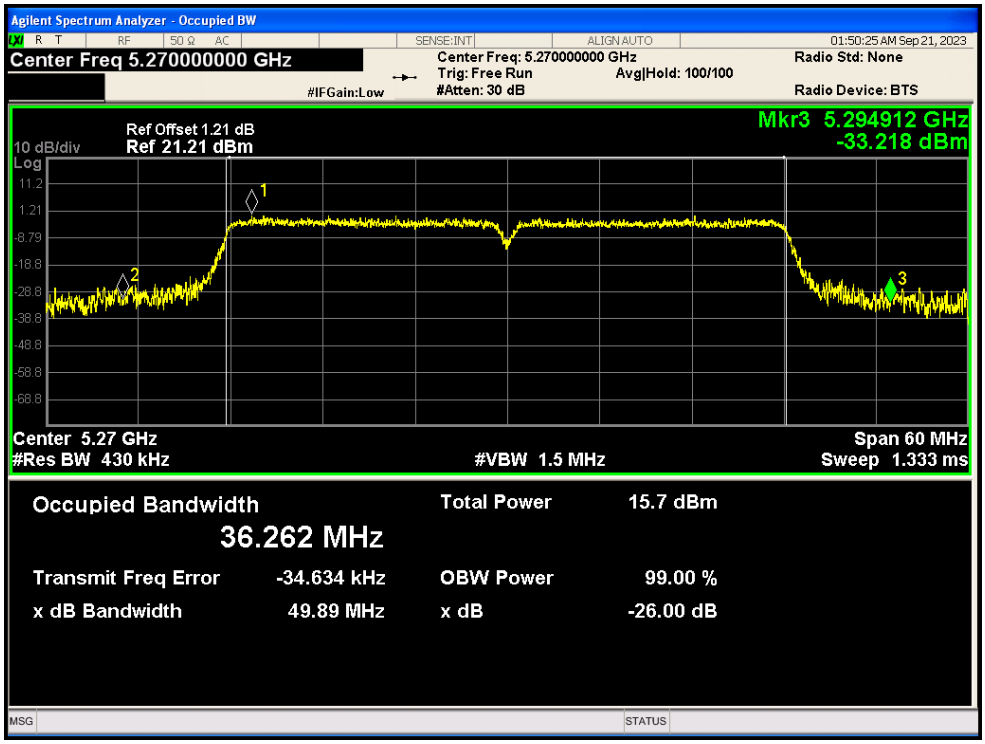


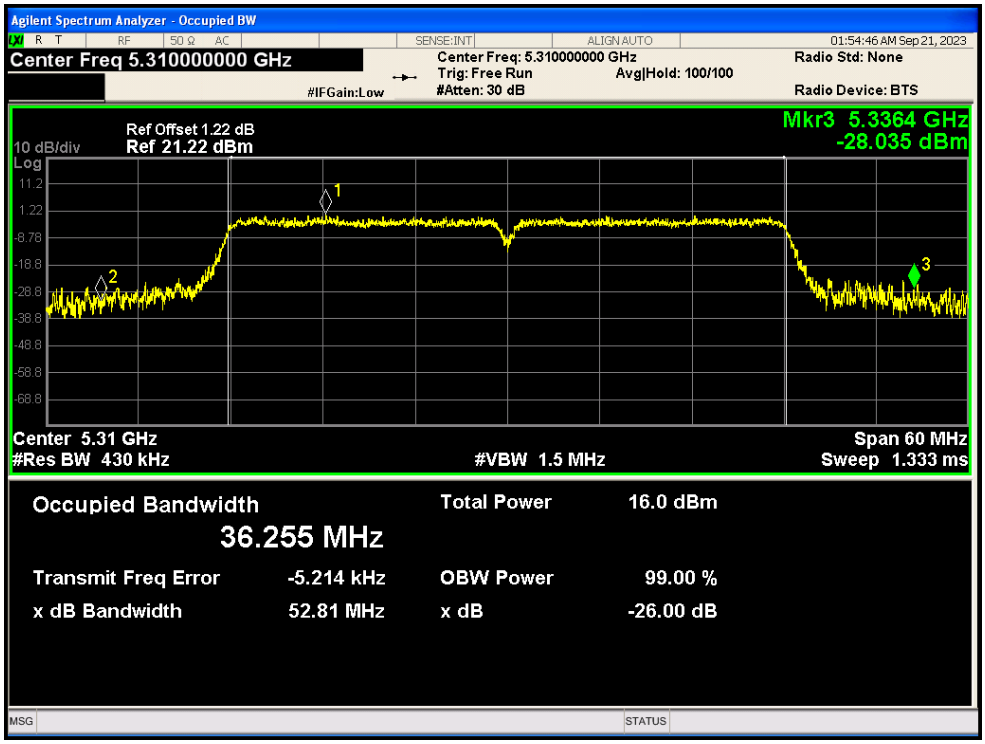
-26dB Bandwidth NVNT ac20 5320MHz Ant2



-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant1



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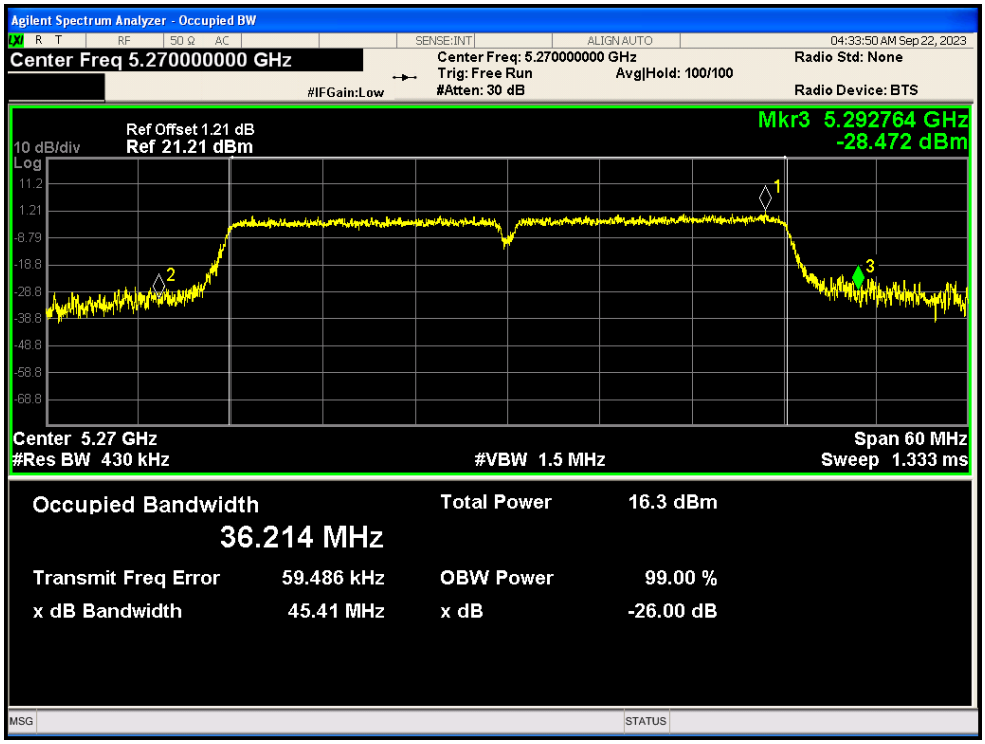

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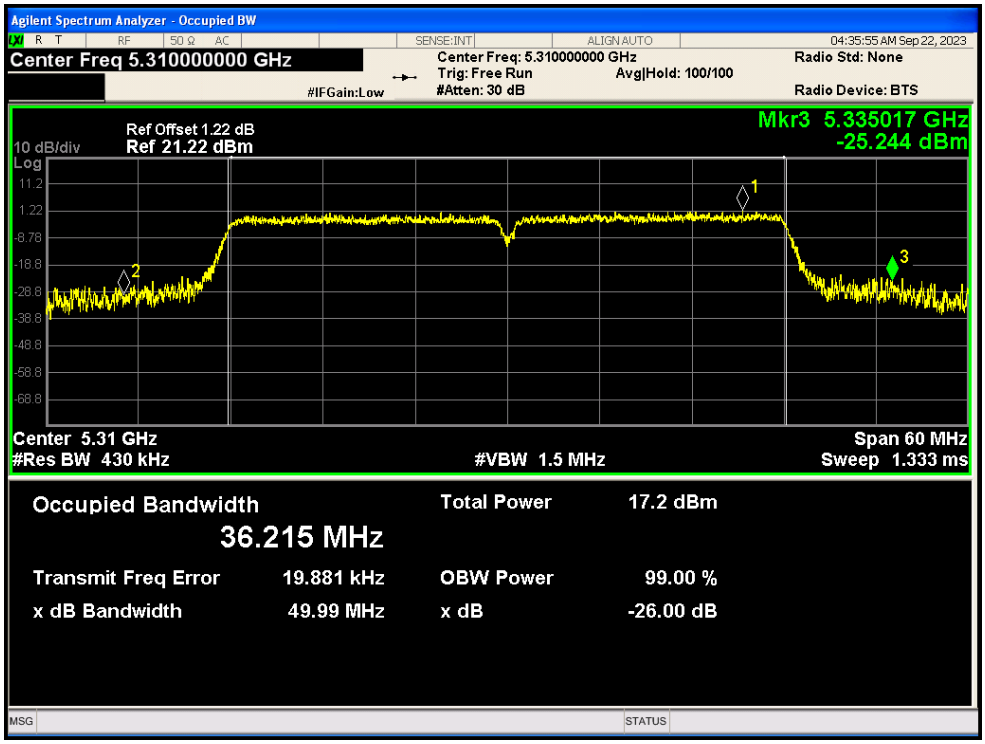
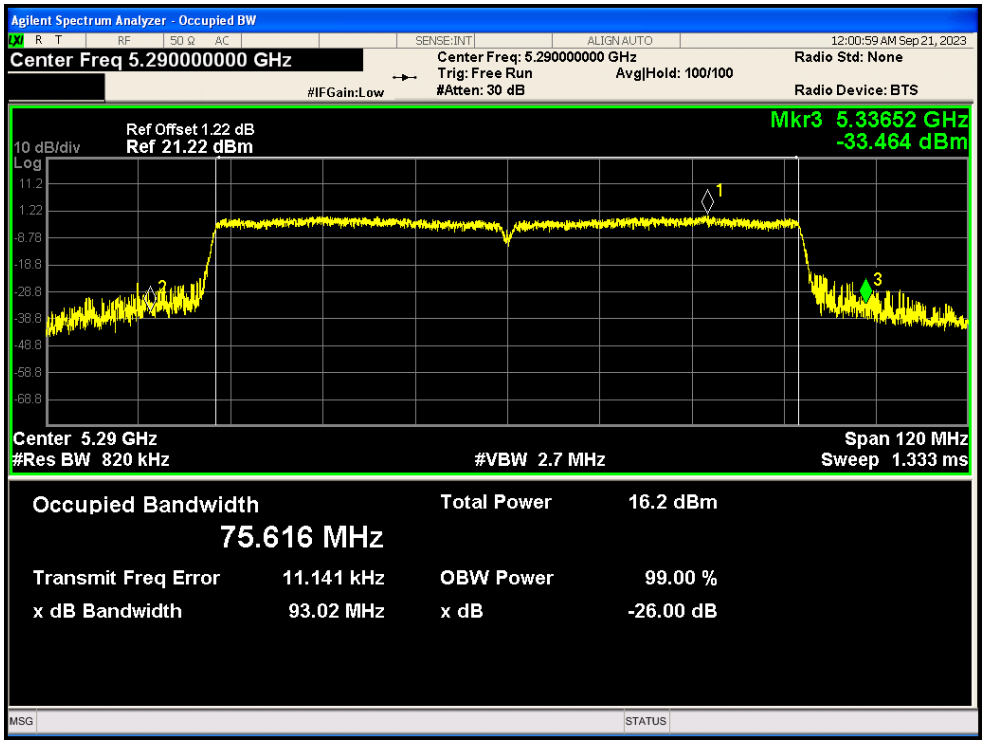


-26dB Bandwidth NVNT ac80 5290MHz Ant1



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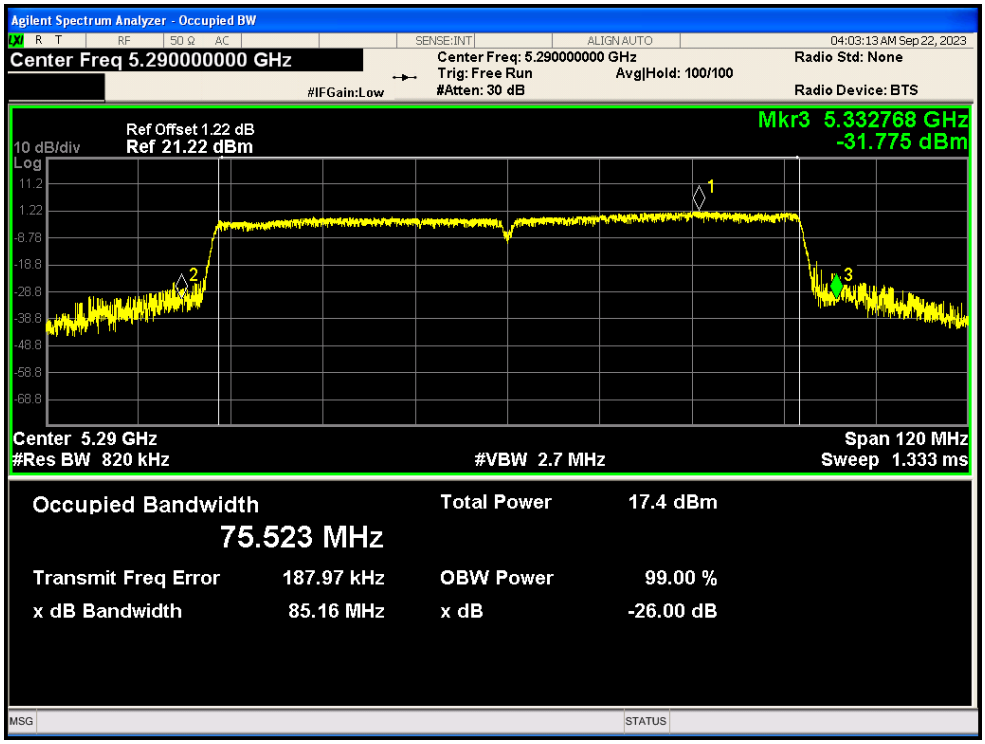
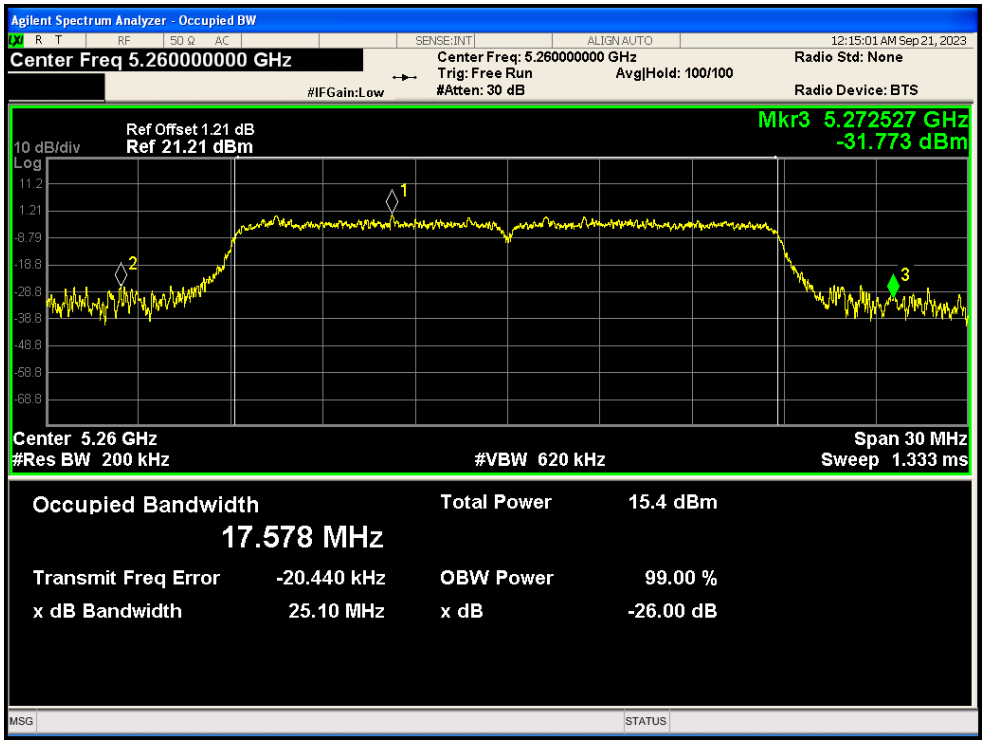
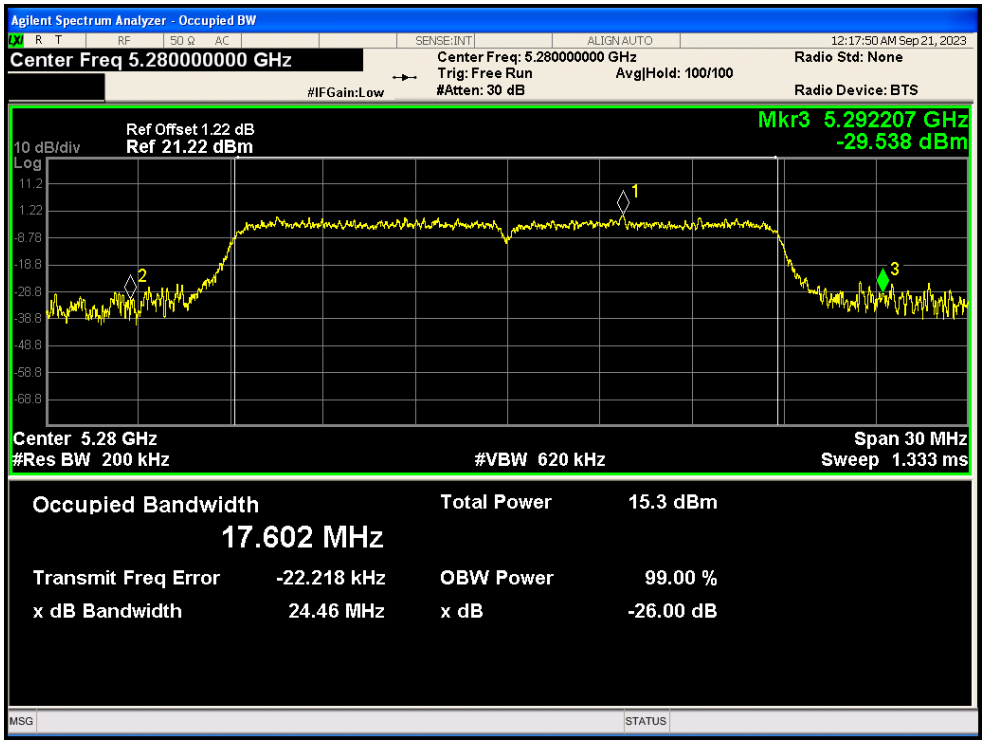


-26dB Bandwidth NVNT n20 5260MHz Ant1



-26dB Bandwidth NVNT n20 5280MHz Ant1



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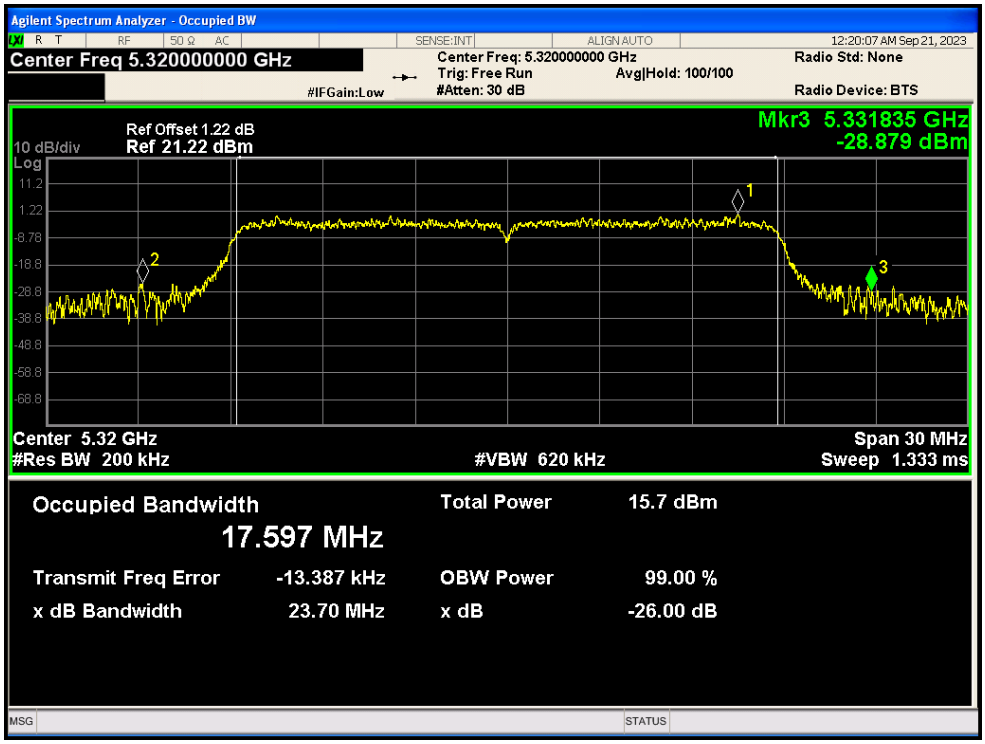
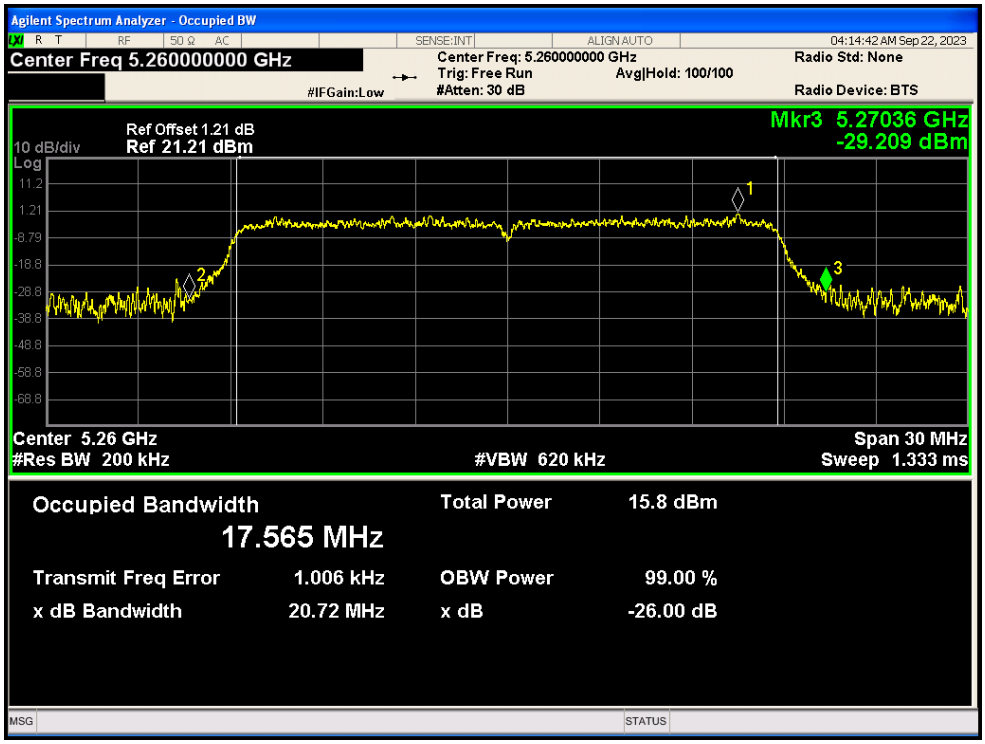
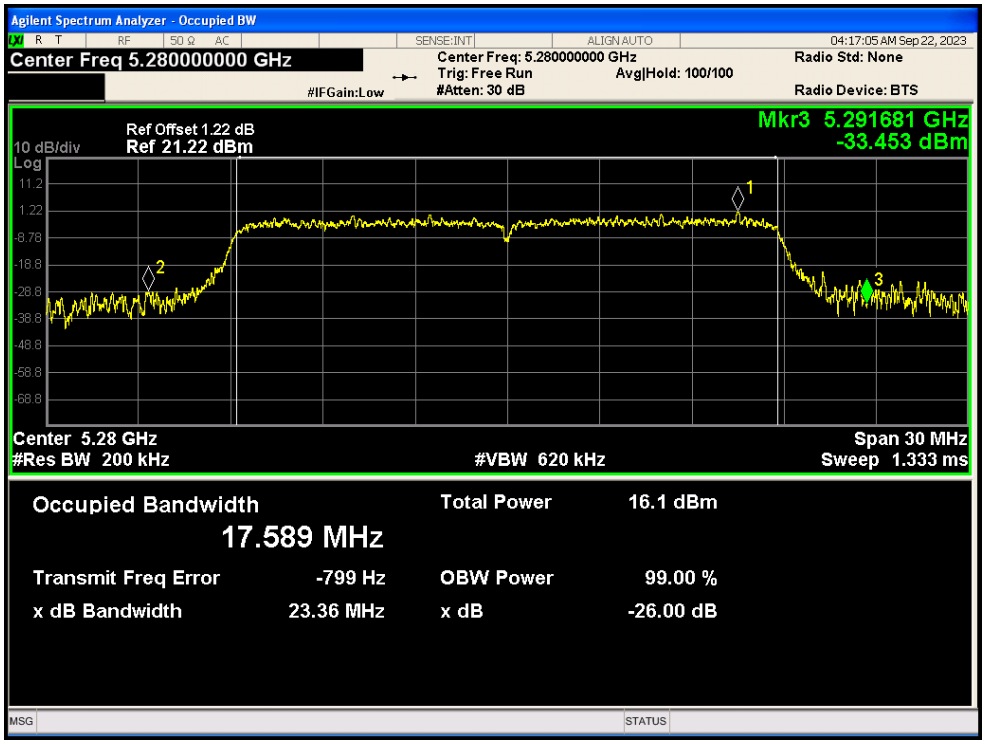


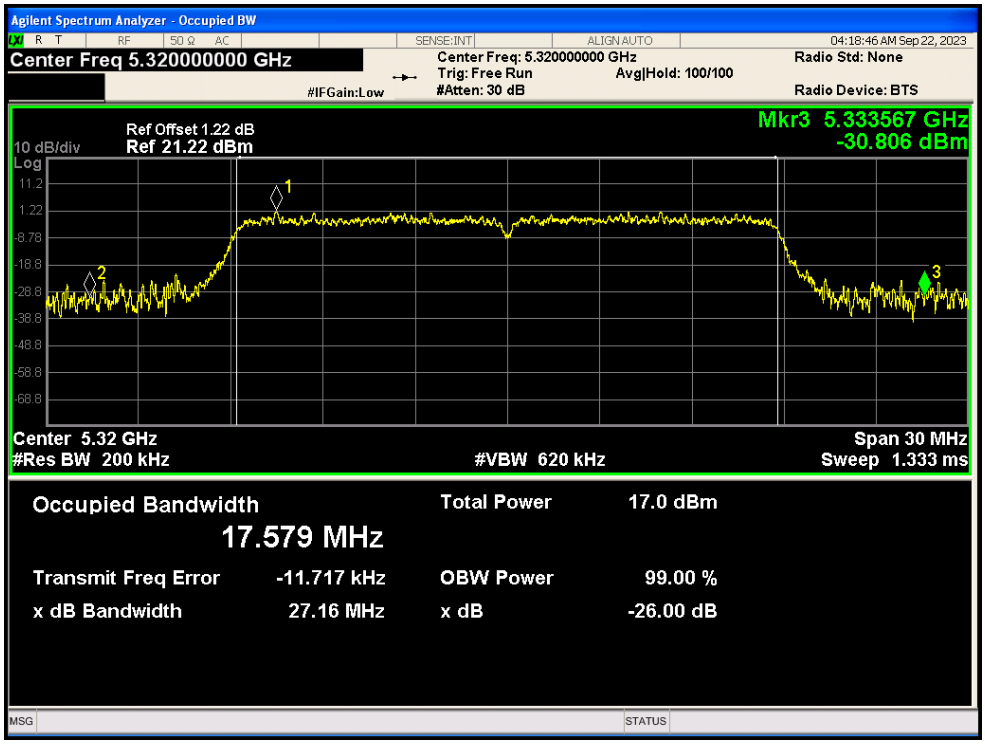
-26dB Bandwidth NVNT n20 5260MHz Ant2



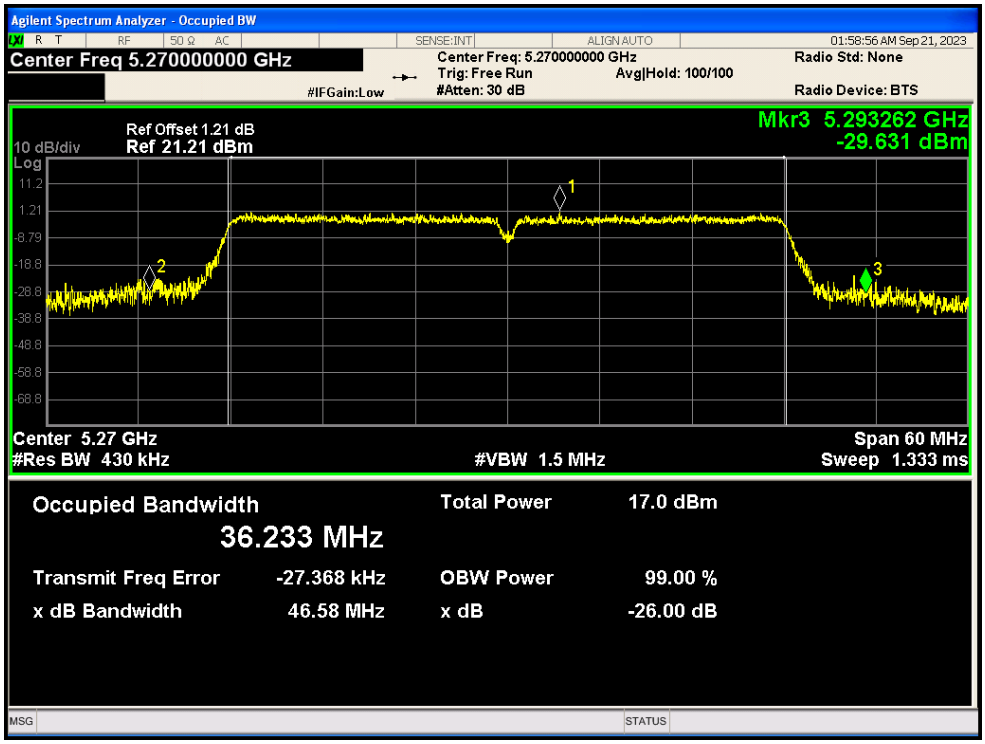
-26dB Bandwidth NVNT n20 5280MHz Ant2



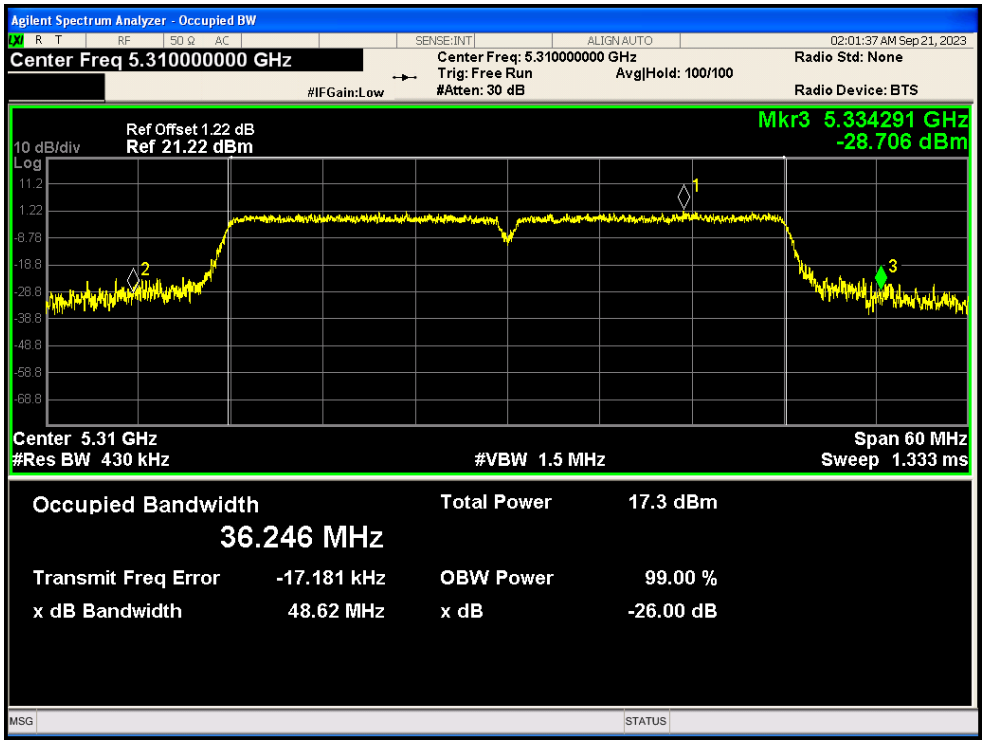
-26dB Bandwidth NVNT n20 5320MHz Ant2



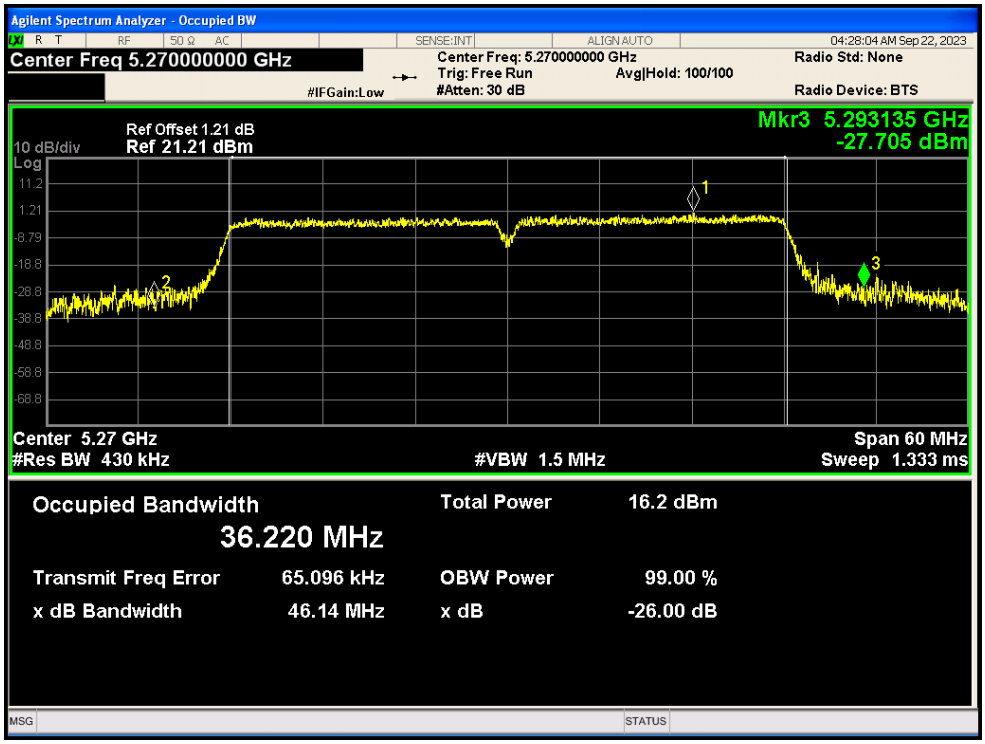
-26dB Bandwidth NVNT n40 5270MHz Ant1



-26dB Bandwidth NVNT n40 5310MHz Ant1



-26dB Bandwidth NVNT n40 5270MHz Ant2



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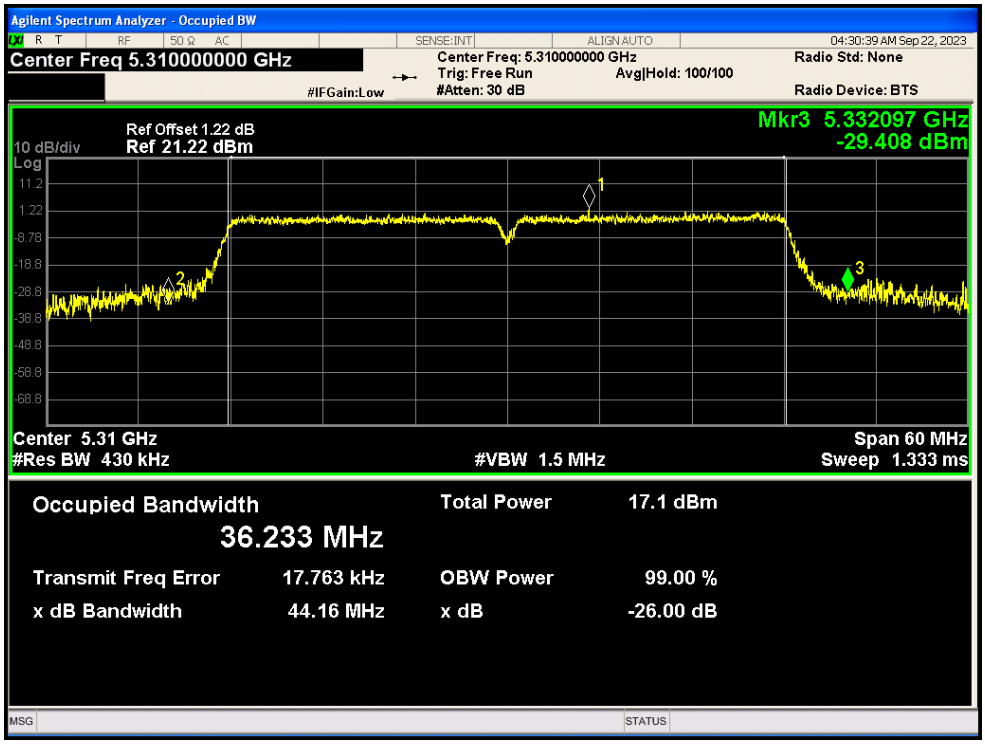
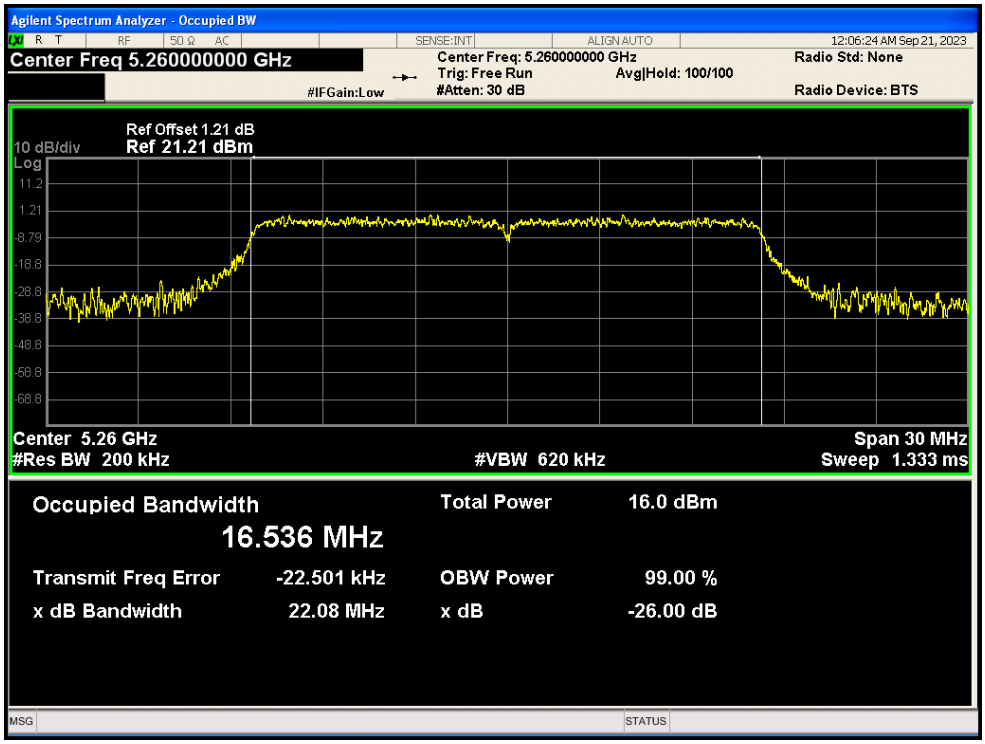


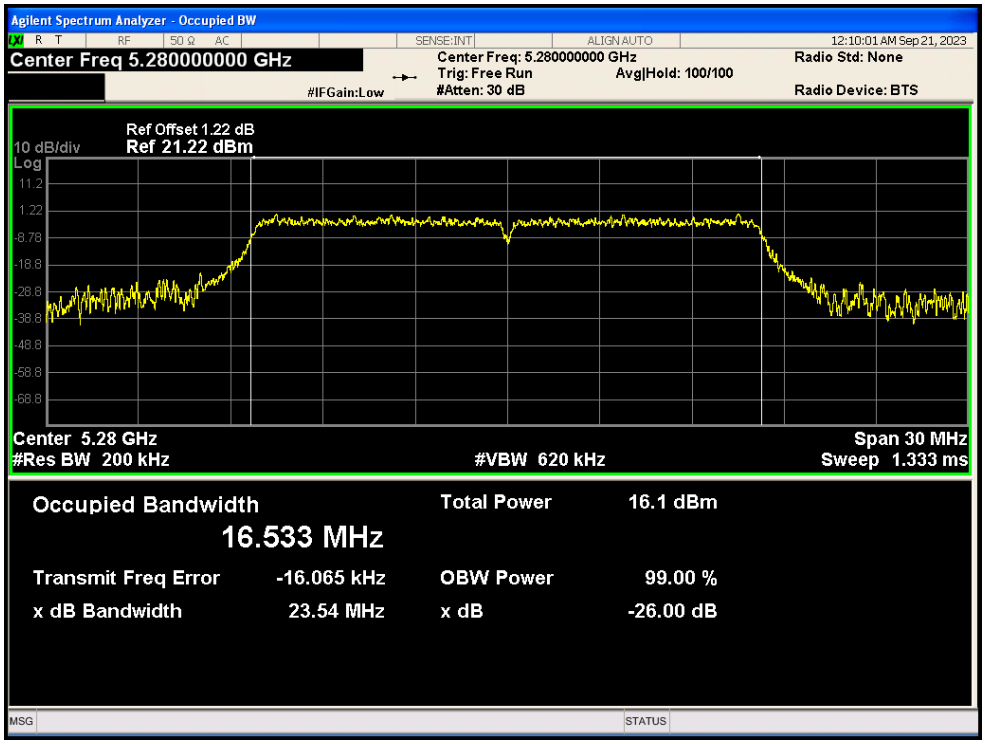
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.536
NVNT	a	5280	Ant1	16.533
NVNT	a	5320	Ant1	16.554
NVNT	a	5260	Ant2	16.562
NVNT	a	5280	Ant2	16.566
NVNT	a	5320	Ant2	16.561
NVNT	ac20	5260	Ant1	17.596
NVNT	ac20	5280	Ant1	17.59
NVNT	ac20	5320	Ant1	17.585
NVNT	ac20	5260	Ant2	17.576
NVNT	ac20	5280	Ant2	17.585
NVNT	ac20	5320	Ant2	17.583
NVNT	ac40	5270	Ant1	36.229
NVNT	ac40	5310	Ant1	36.252
NVNT	ac40	5270	Ant2	36.2
NVNT	ac40	5310	Ant2	36.224
NVNT	ac80	5290	Ant1	75.592
NVNT	ac80	5290	Ant2	75.505
NVNT	n20	5260	Ant1	17.576
NVNT	n20	5280	Ant1	17.583
NVNT	n20	5320	Ant1	17.578
NVNT	n20	5260	Ant2	17.587
NVNT	n20	5280	Ant2	17.579
NVNT	n20	5320	Ant2	17.589
NVNT	n40	5270	Ant1	36.28
NVNT	n40	5310	Ant1	36.24
NVNT	n40	5270	Ant2	36.228
NVNT	n40	5310	Ant2	36.213

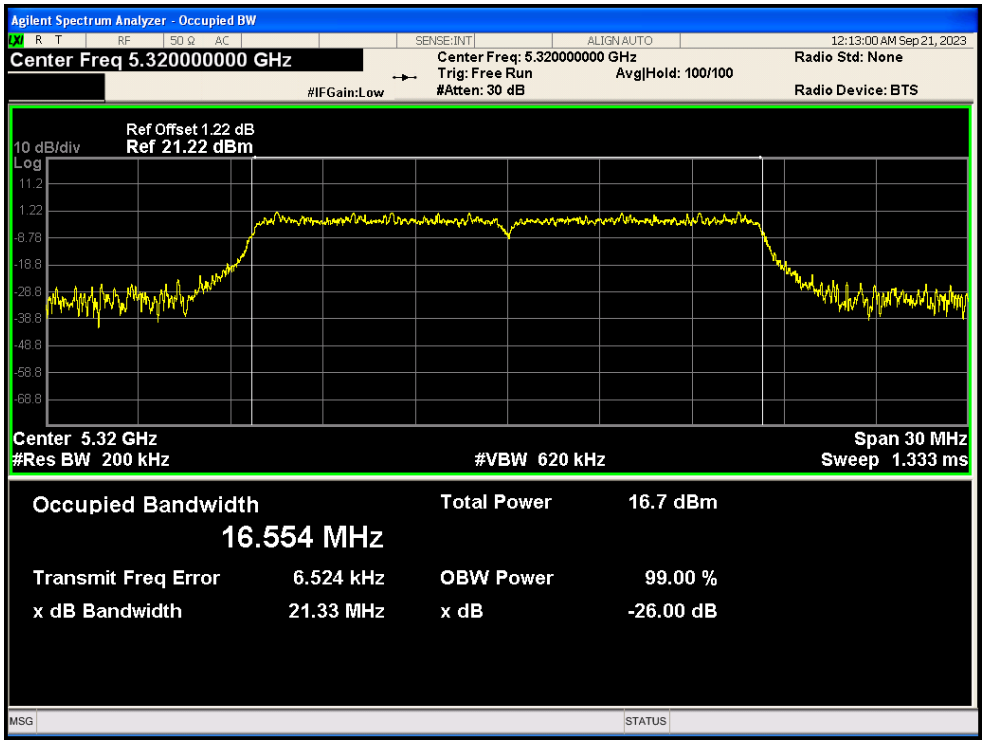
OBW NVNT a 5260MHz Ant1



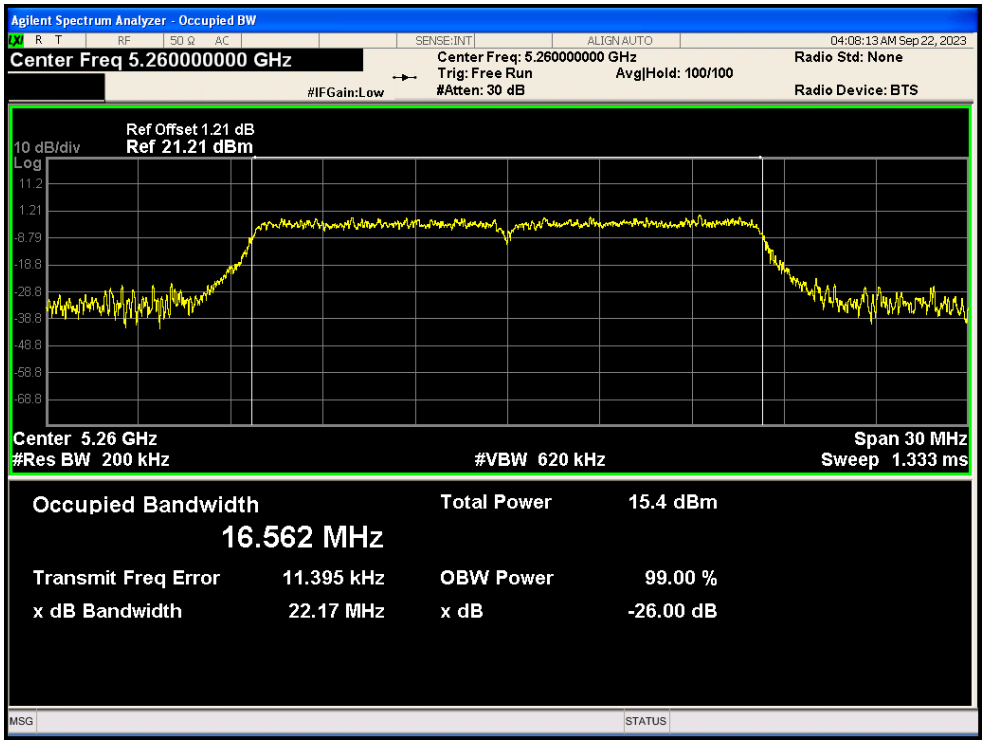
OBW NVNT a 5280MHz Ant1



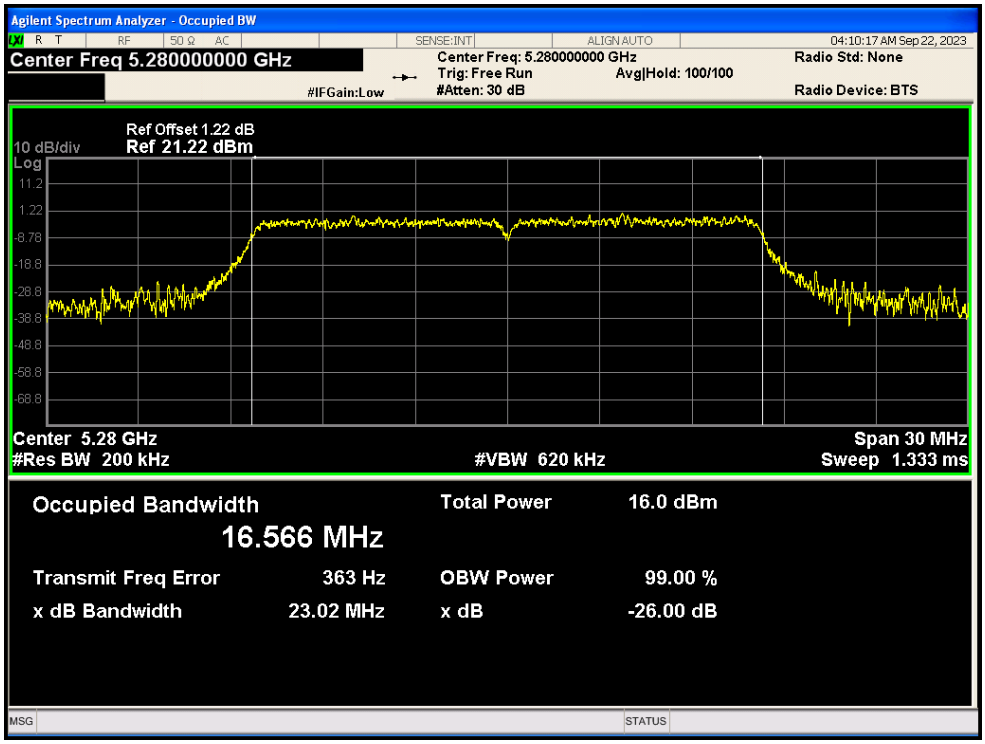
OBW NVNT a 5320MHz Ant1



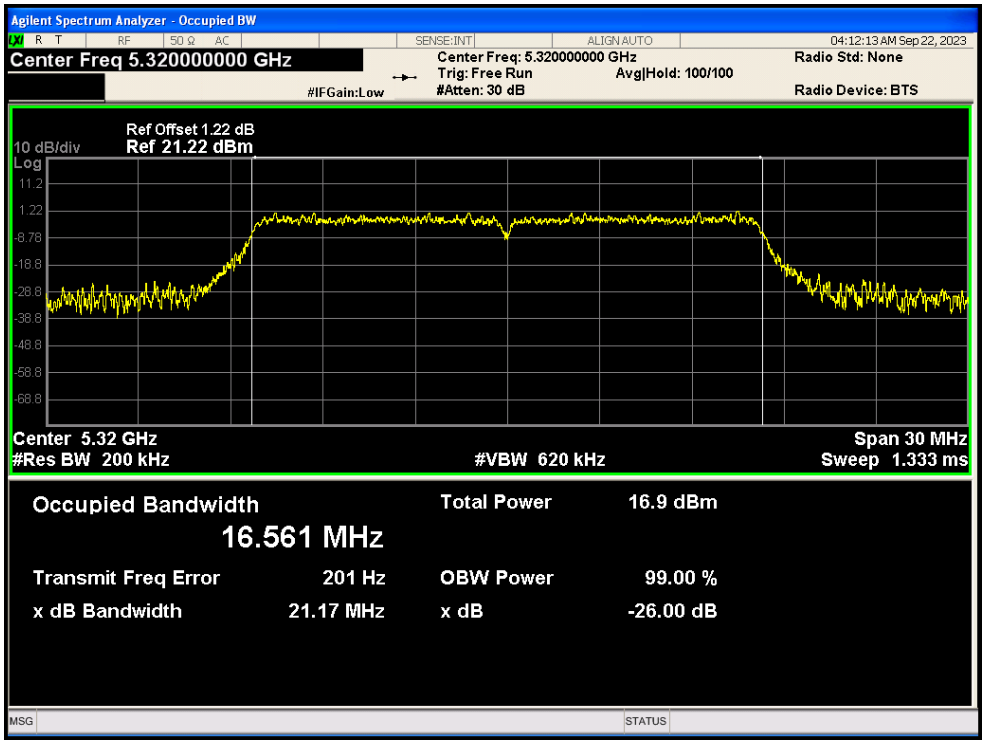
OBW NVNT a 5260MHz Ant2



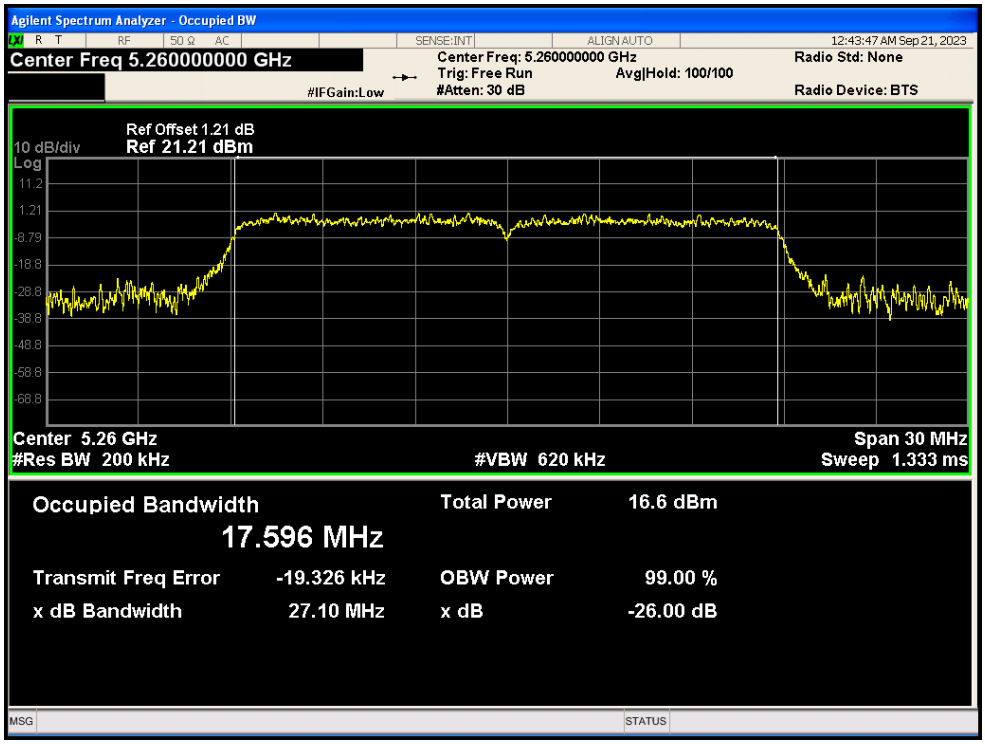
OBW NVNT a 5280MHz Ant2



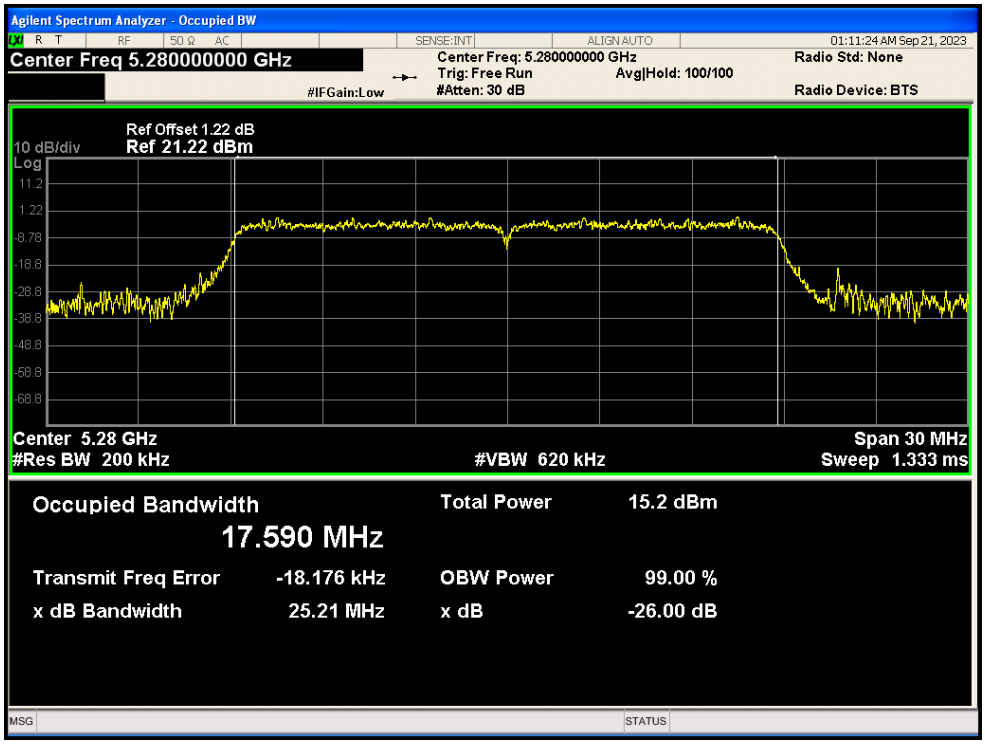
OBW NVNT a 5320MHz Ant2



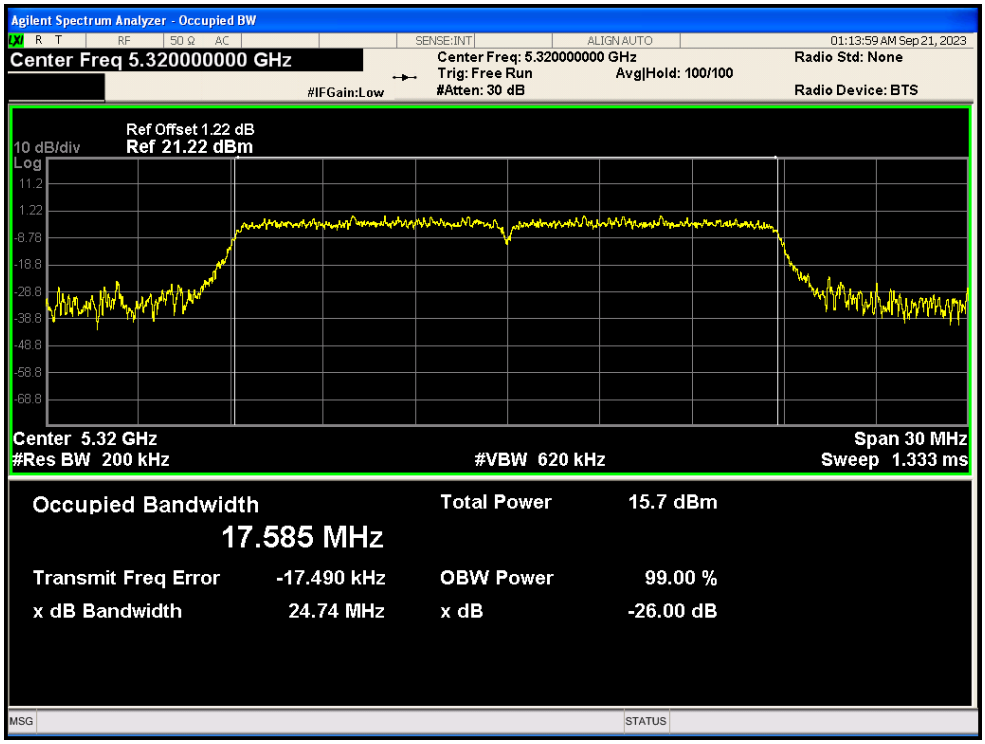
OBW NVNT ac20 5260MHz Ant1



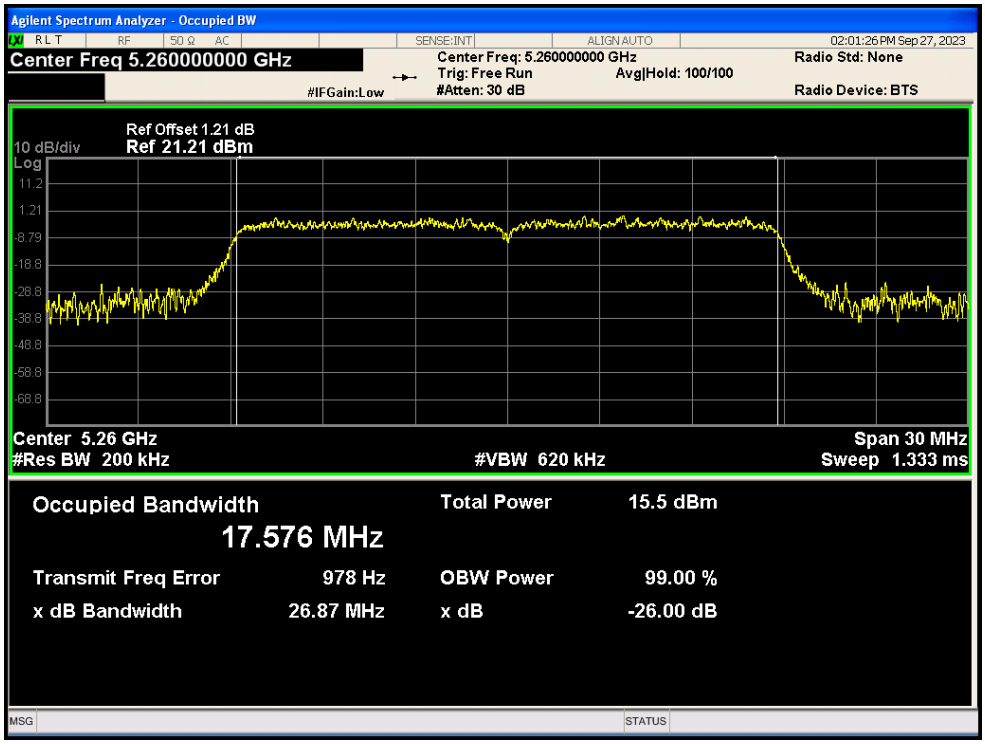
OBW NVNT ac20 5280MHz Ant1



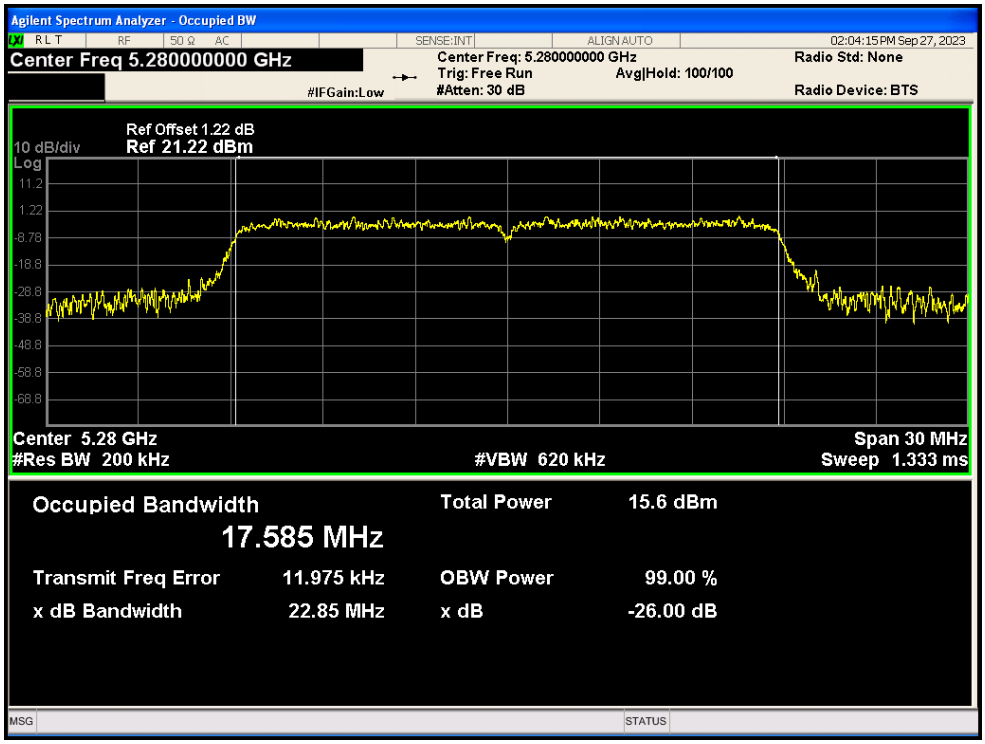
OBW NVNT ac20 5320MHz Ant1



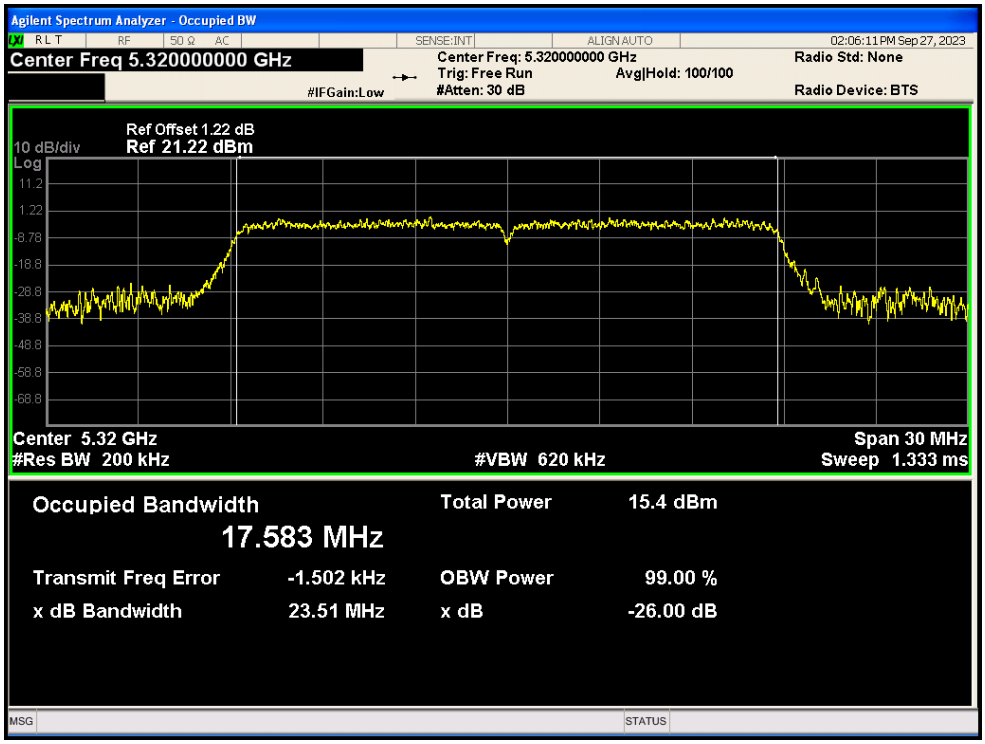
OBW NVNT ac20 5260MHz Ant2



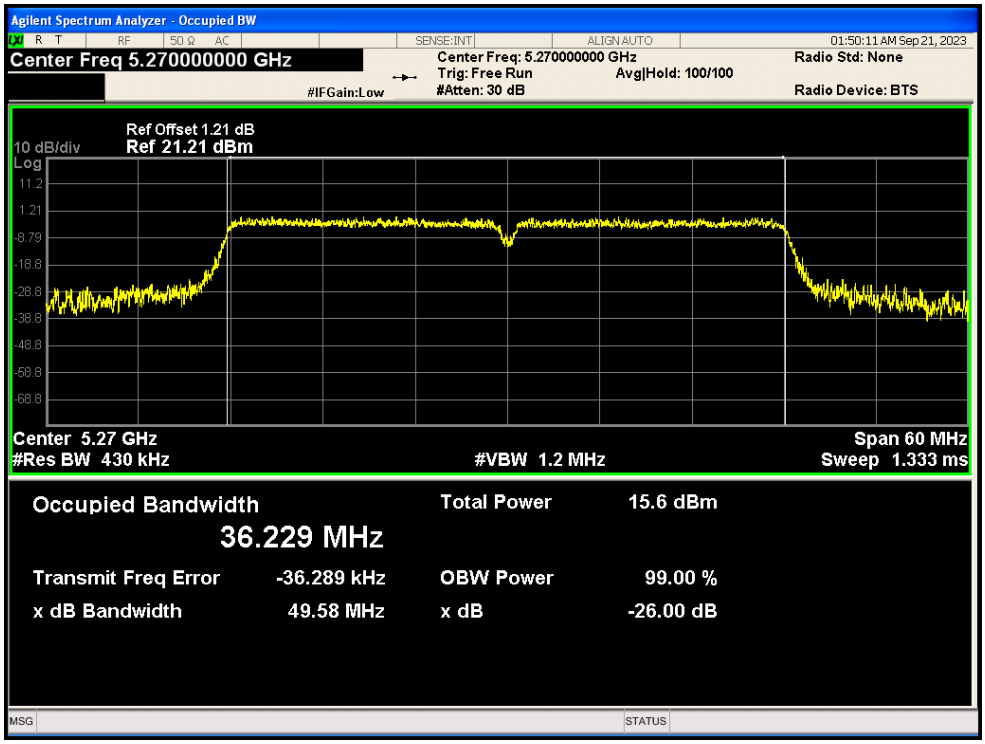
OBW NVNT ac20 5280MHz Ant2



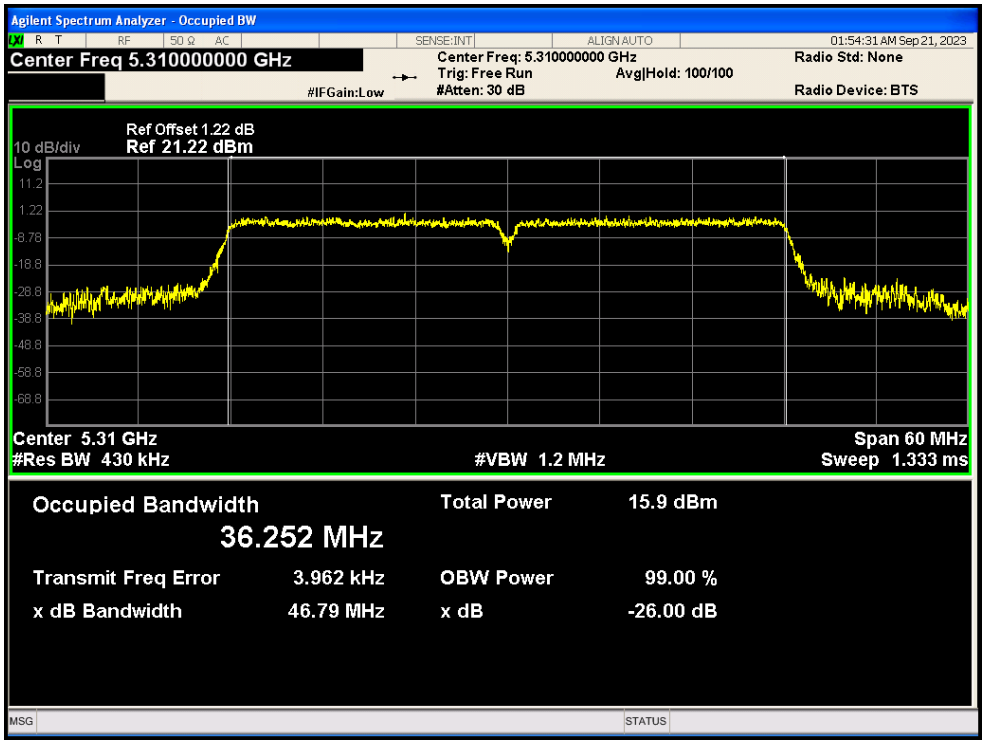
OBW NVNT ac20 5320MHz Ant2



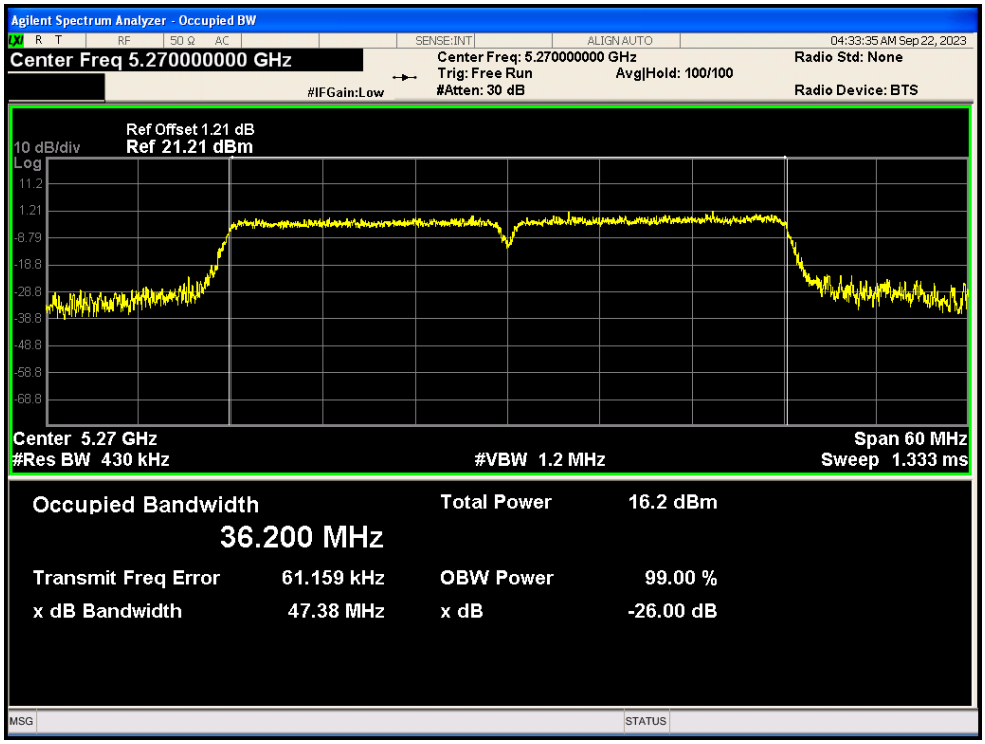
OBW NVNT ac40 5270MHz Ant1



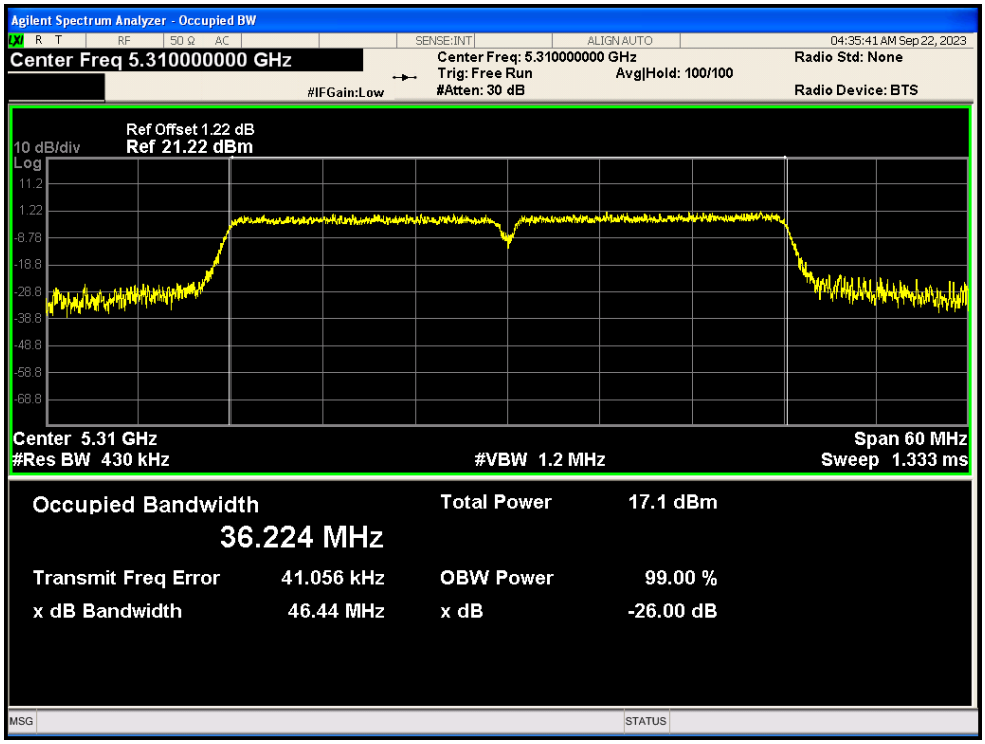
OBW NVNT ac40 5310MHz Ant1



OBW NVNT ac40 5270MHz Ant2



OBW NVNT ac40 5310MHz Ant2



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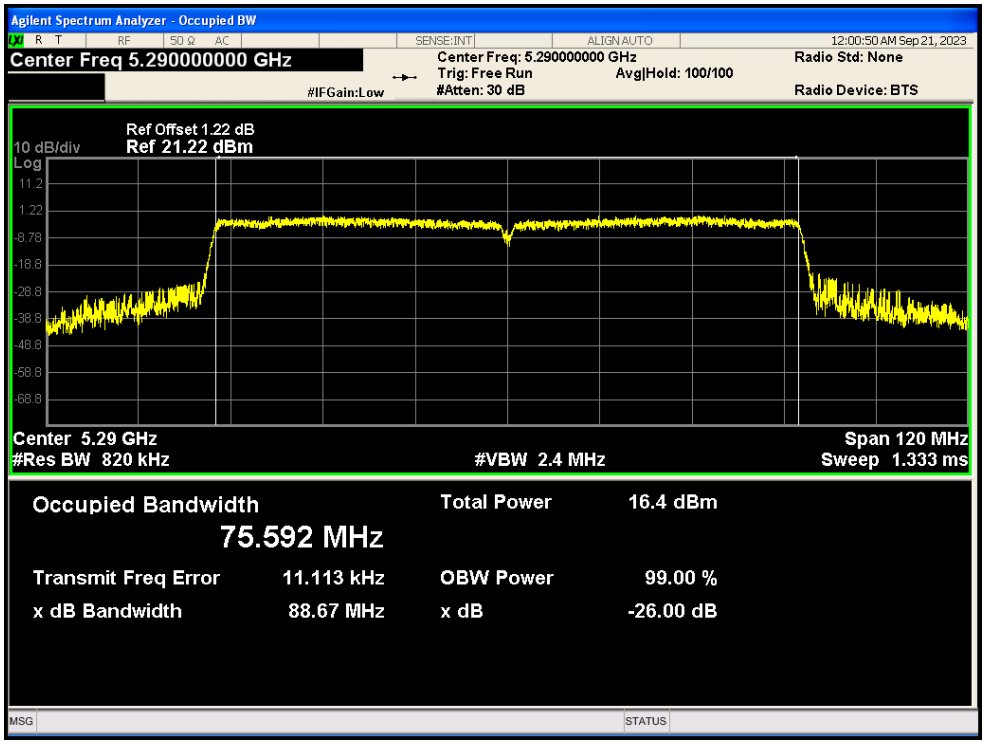
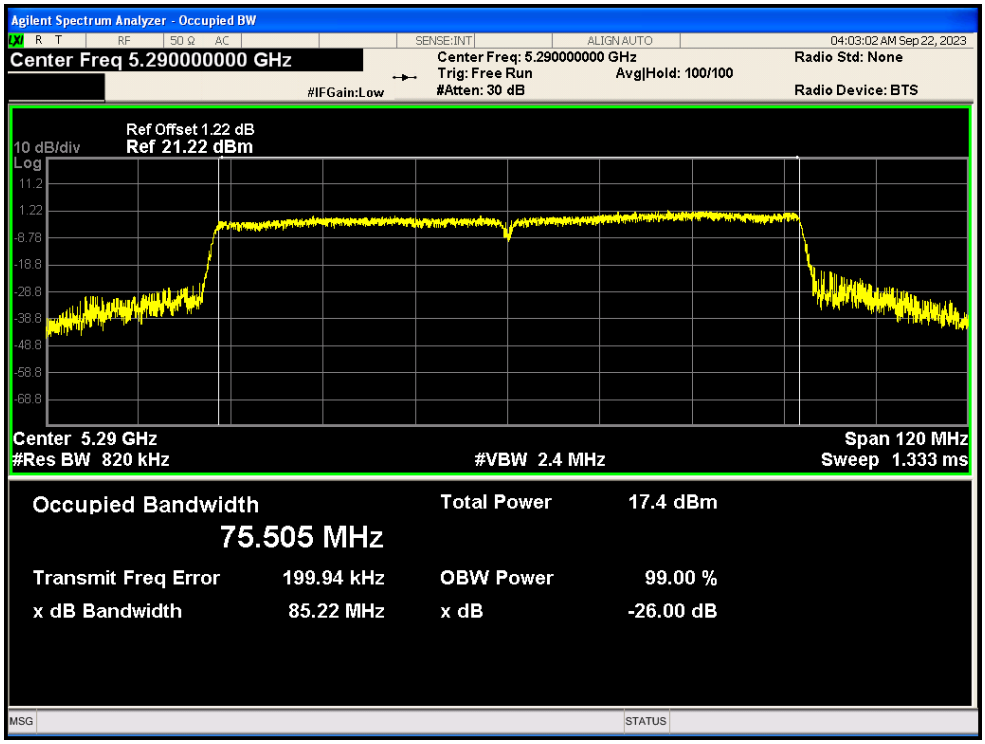
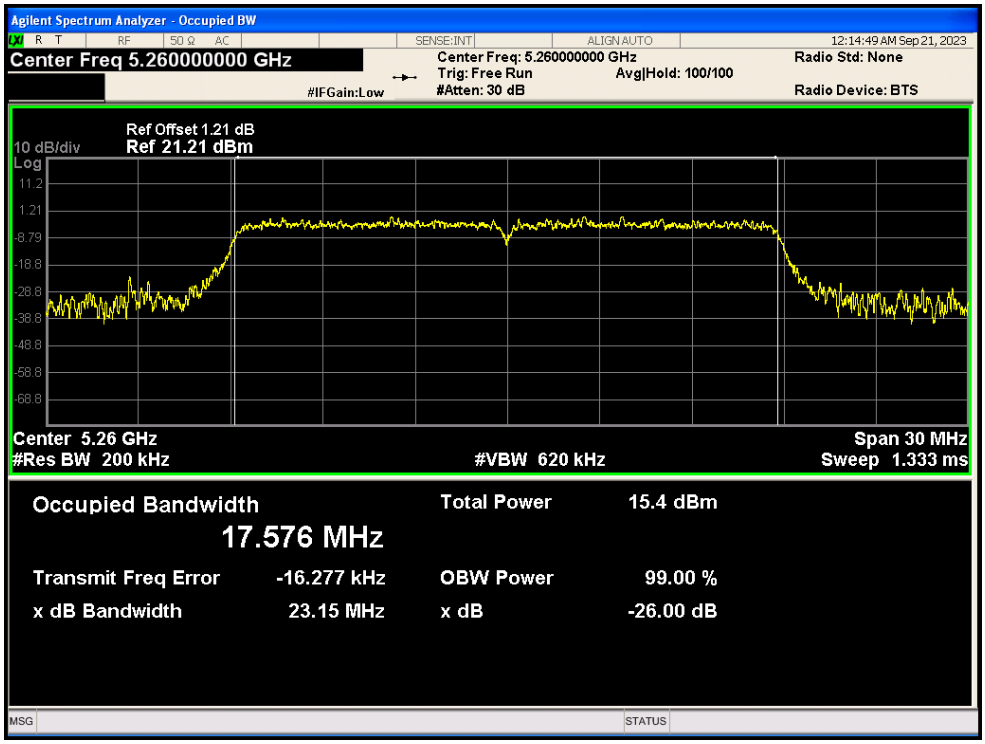


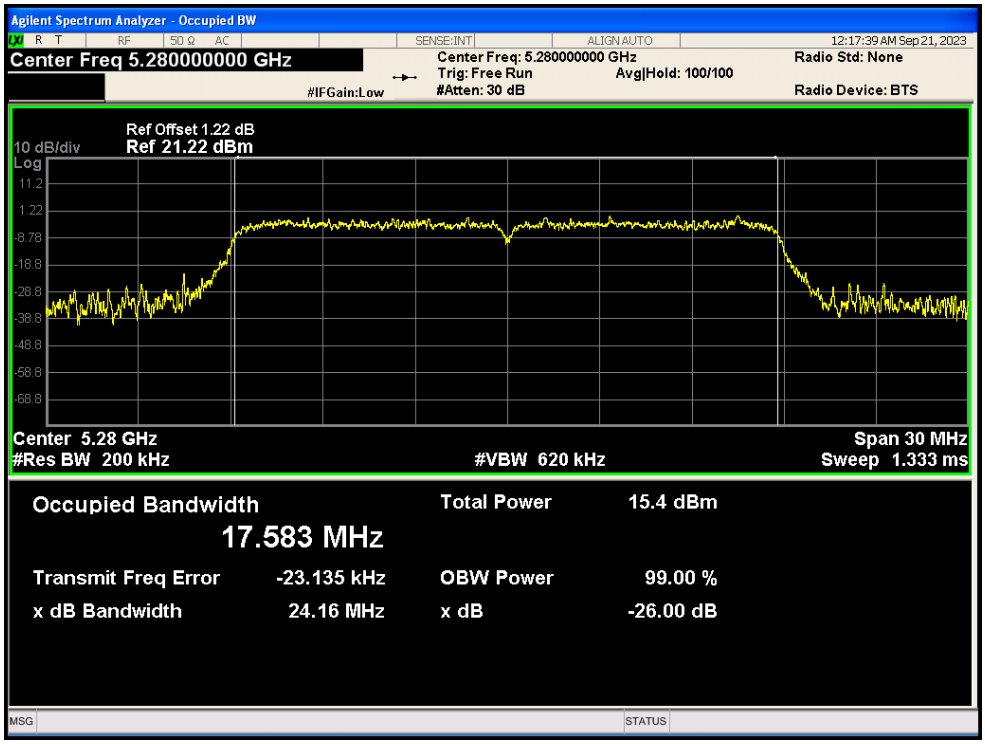
OBW NVNT ac80 5290MHz Ant2



OBW NVNT n20 5260MHz Ant1



OBW NVNT n20 5280MHz Ant1



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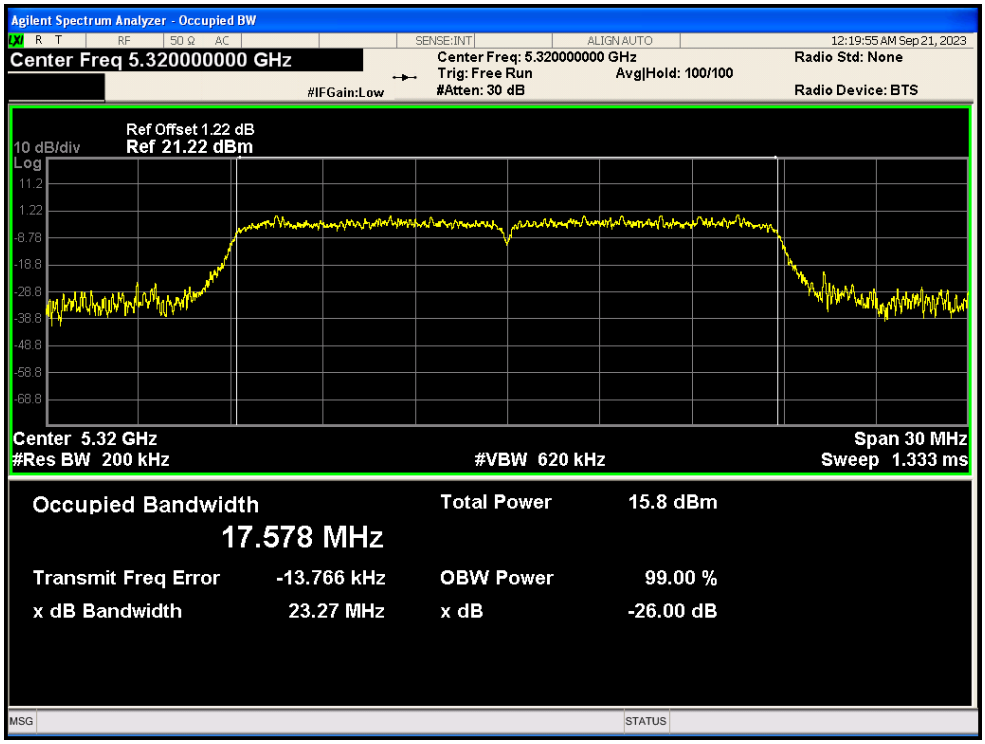
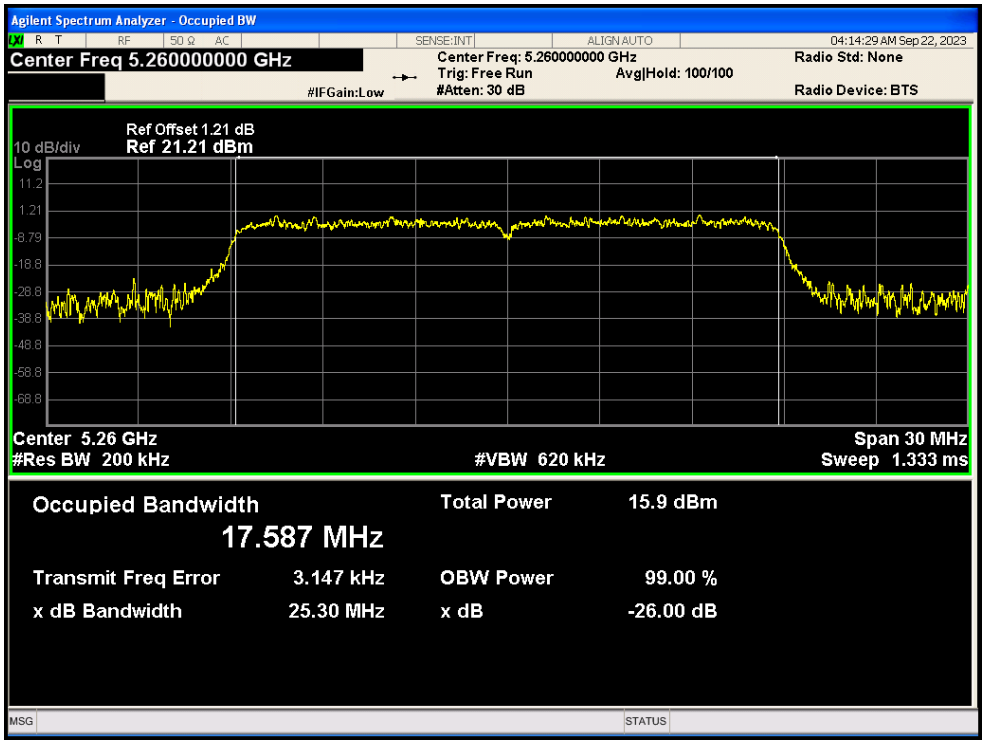
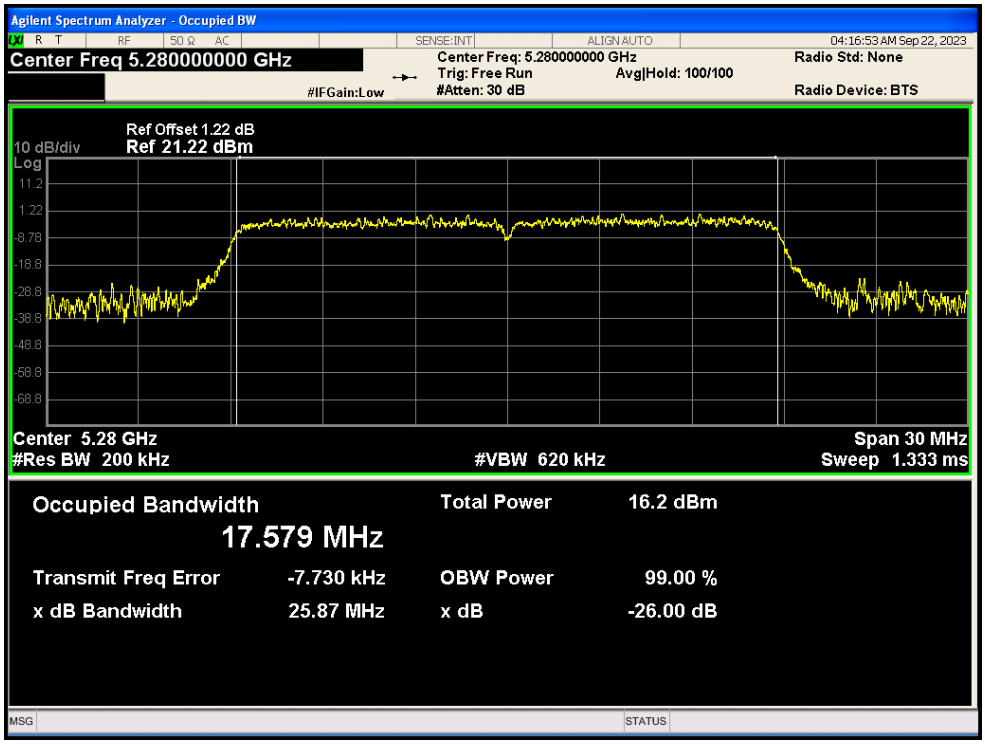


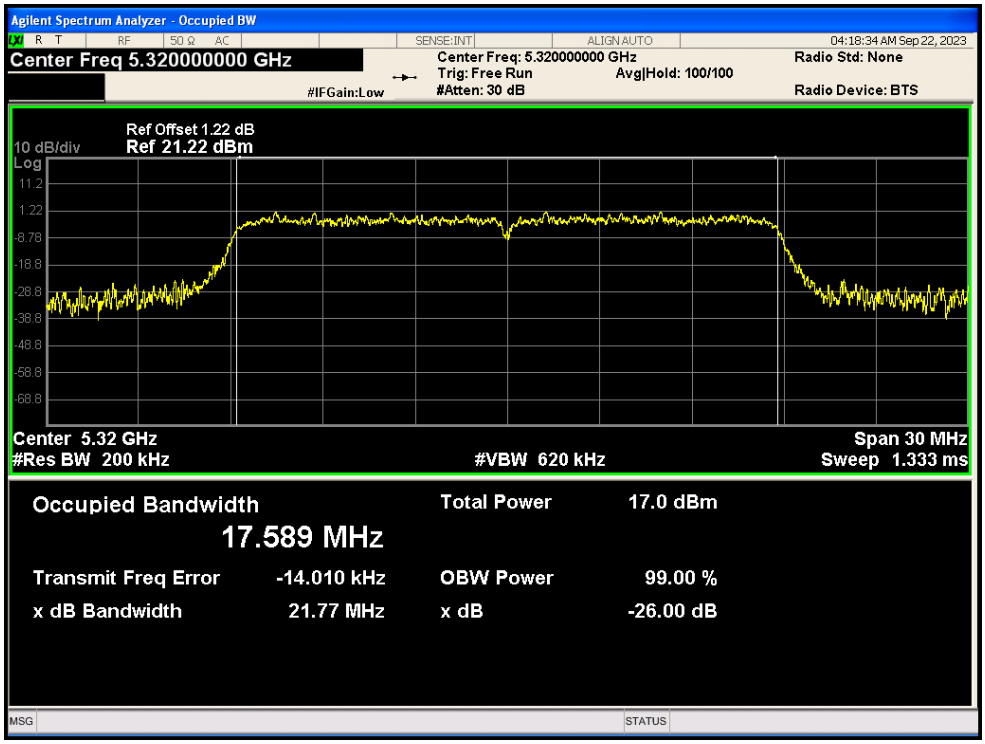
OBW NVNT n20 5260MHz Ant2



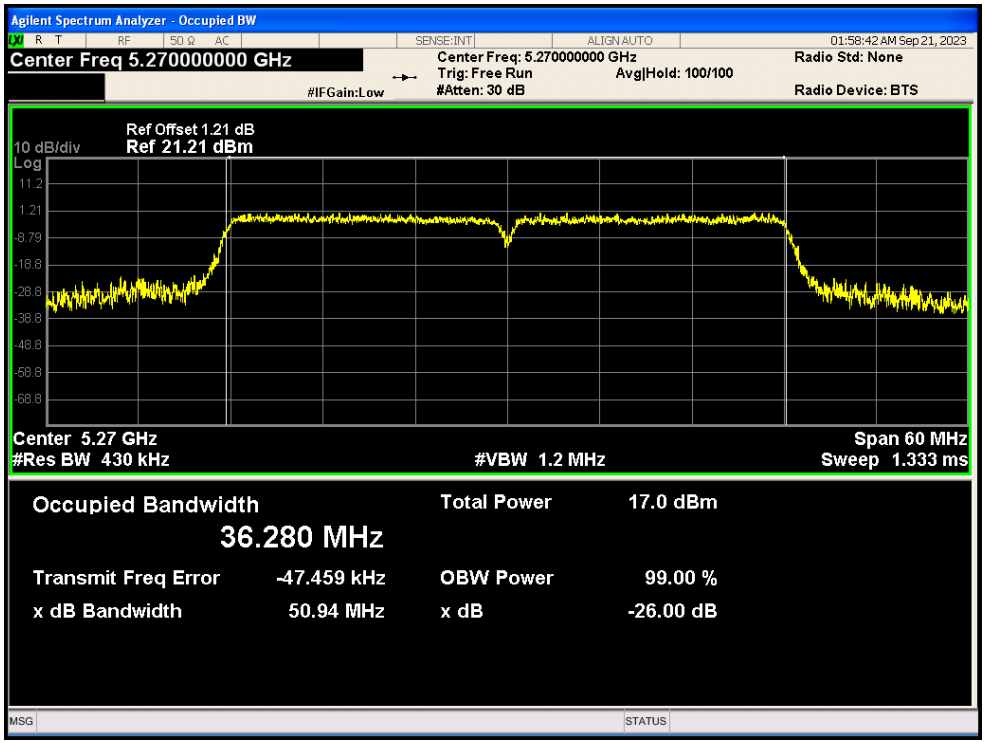
OBW NVNT n20 5280MHz Ant2



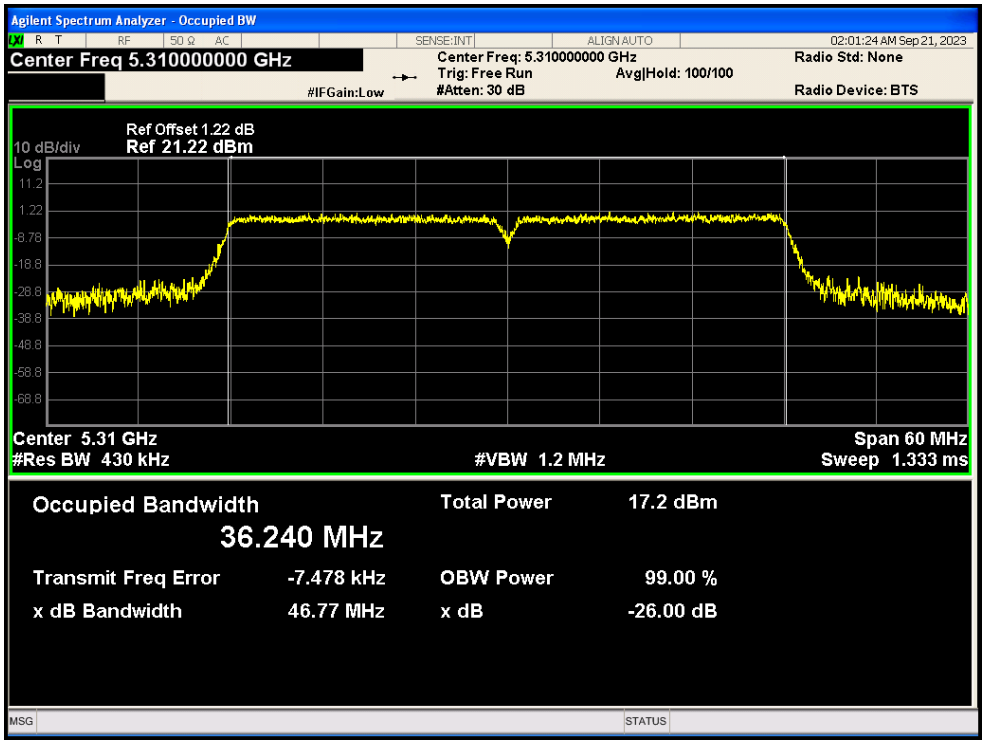
OBW NVNT n20 5320MHz Ant2



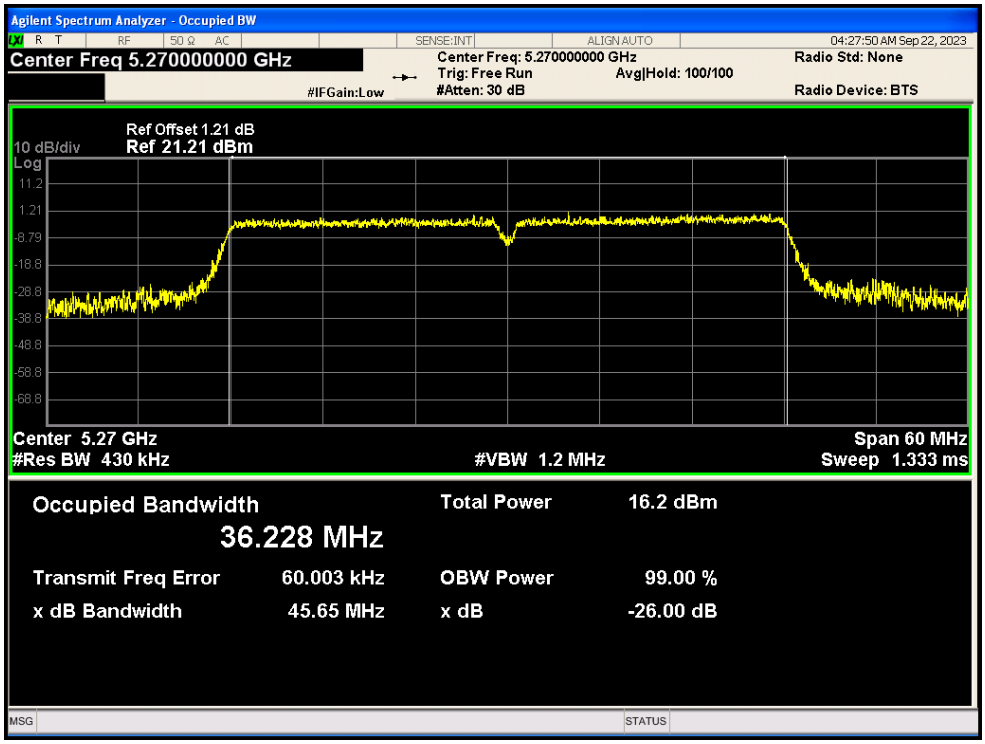
OBW NVNT n40 5270MHz Ant1



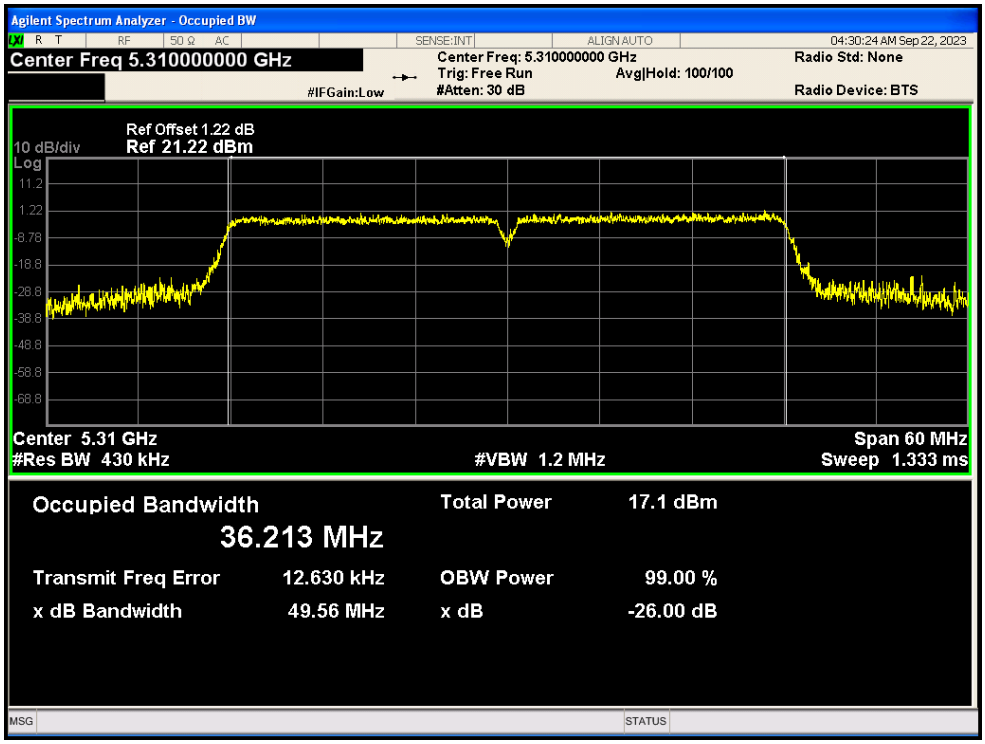
OBW NVNT n40 5310MHz Ant1



OBW NVNT n40 5270MHz Ant2



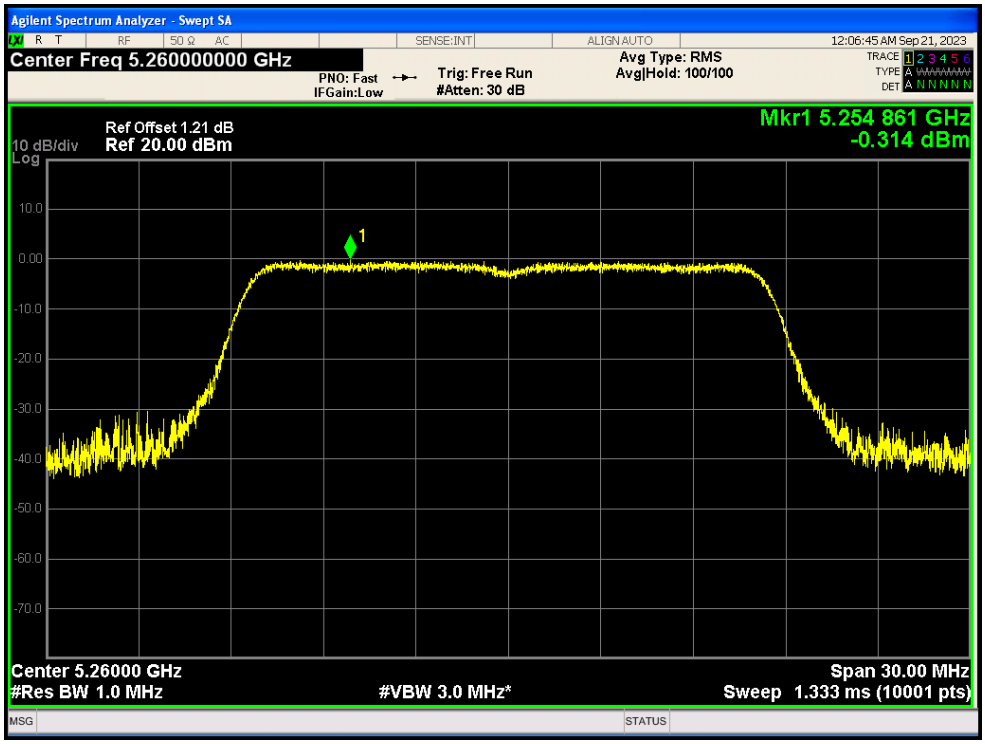
OBW NVNT n40 5310MHz Ant2



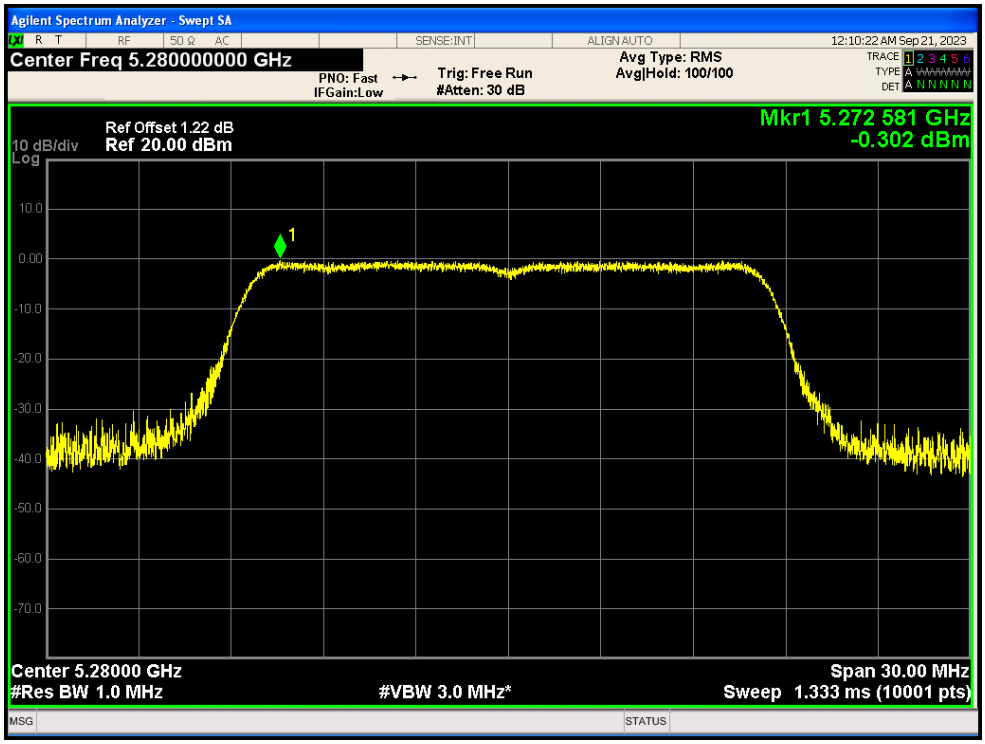
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-0.314	0.1	-0.214	11	Pass
NVNT	a	5280	Ant1	-0.302	0.1	-0.202	11	Pass
NVNT	a	5320	Ant1	0.48	0.1	0.58	11	Pass
NVNT	a	5260	Ant2	-0.374	0.1	-0.274	11	Pass
NVNT	a	5280	Ant2	-0.07	0.1	0.03	11	Pass
NVNT	a	5320	Ant2	0.545	0.1	0.645	11	Pass
NVNT	ac20	5260	Ant1	0.208	0.1	0.308	11	Pass
NVNT	ac20	5280	Ant1	-1.326	0.1	-1.226	11	Pass
NVNT	ac20	5320	Ant1	-0.915	0.11	-0.805	11	Pass
NVNT	ac20	5260	Ant2	-1.023	0.1	-0.923	11	Pass
NVNT	ac20	5280	Ant2	-0.879	0.1	-0.779	11	Pass
NVNT	ac20	5320	Ant2	-0.77	0.1	-0.67	11	Pass
NVNT	ac40	5270	Ant1	-3.954	0.21	-3.744	11	Pass
NVNT	ac40	5310	Ant1	-3.775	0.21	-3.565	11	Pass
NVNT	ac40	5270	Ant2	-2.671	0.21	-2.461	11	Pass
NVNT	ac40	5310	Ant2	-2.402	0.21	-2.192	11	Pass
NVNT	ac80	5290	Ant1	-7.444	0.38	-7.064	11	Pass
NVNT	ac80	5290	Ant2	-5.137	0.38	-4.757	11	Pass
NVNT	n20	5260	Ant1	-1.173	0.11	-1.063	11	Pass
NVNT	n20	5280	Ant1	-1.156	0.1	-1.056	11	Pass
NVNT	n20	5320	Ant1	-0.768	0.11	-0.658	11	Pass
NVNT	n20	5260	Ant2	-0.487	0.1	-0.387	11	Pass
NVNT	n20	5280	Ant2	-0.3	0.1	-0.2	11	Pass
NVNT	n20	5320	Ant2	0.441	0.1	0.541	11	Pass
NVNT	n40	5270	Ant1	-2.694	0.2	-2.494	11	Pass
NVNT	n40	5310	Ant1	-2.071	0.21	-1.861	11	Pass
NVNT	n40	5270	Ant2	-2.871	0.2	-2.671	11	Pass
NVNT	n40	5310	Ant2	-2.277	0.21	-2.067	11	Pass

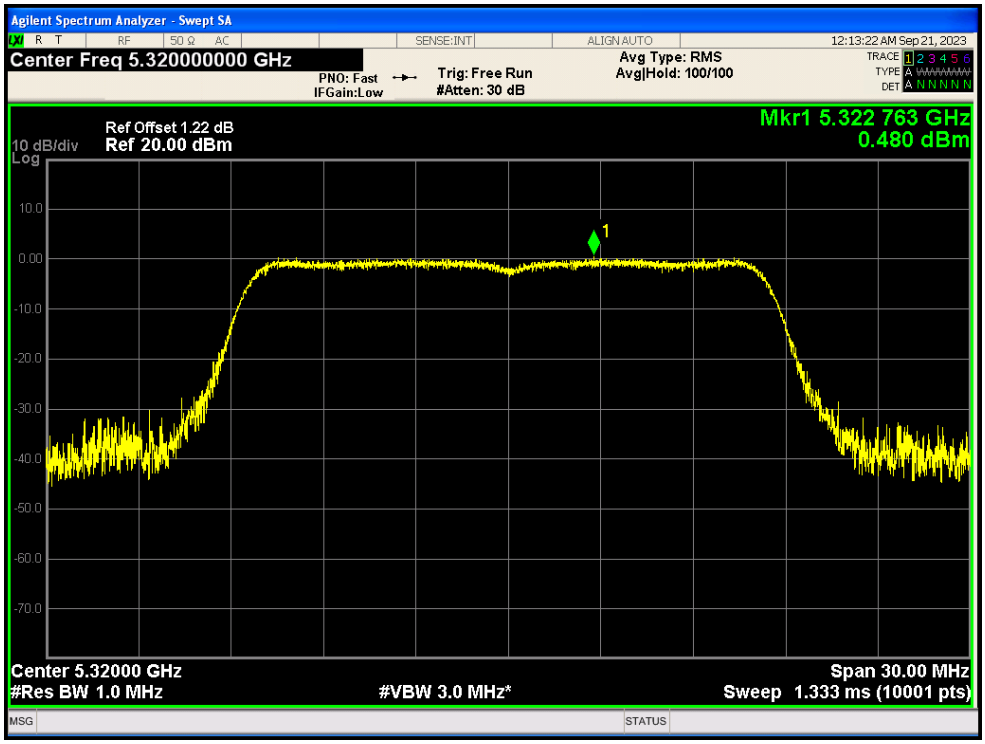
PSD NVNT a 5260MHz Ant1



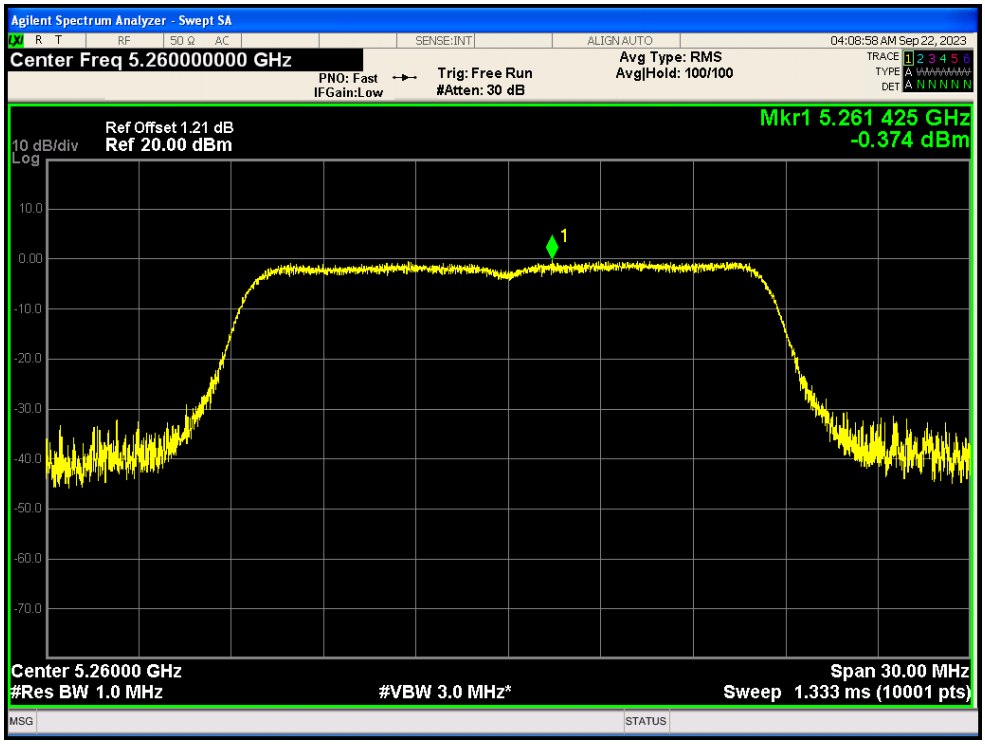
PSD NVNT a 5280MHz Ant1



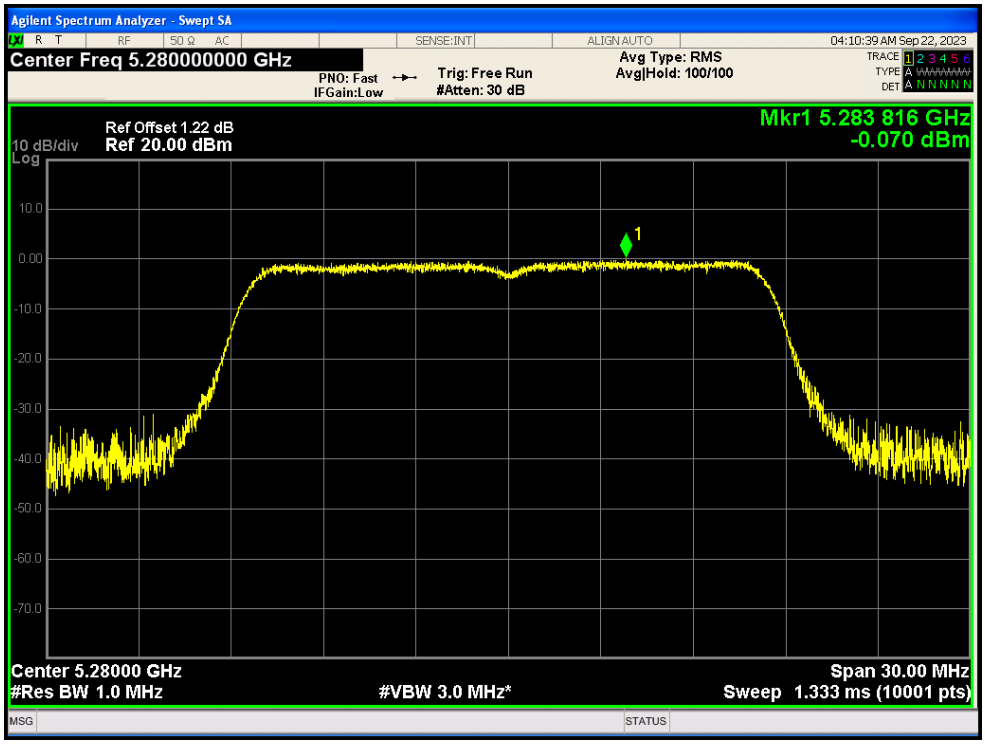
PSD NVNT a 5320MHz Ant1



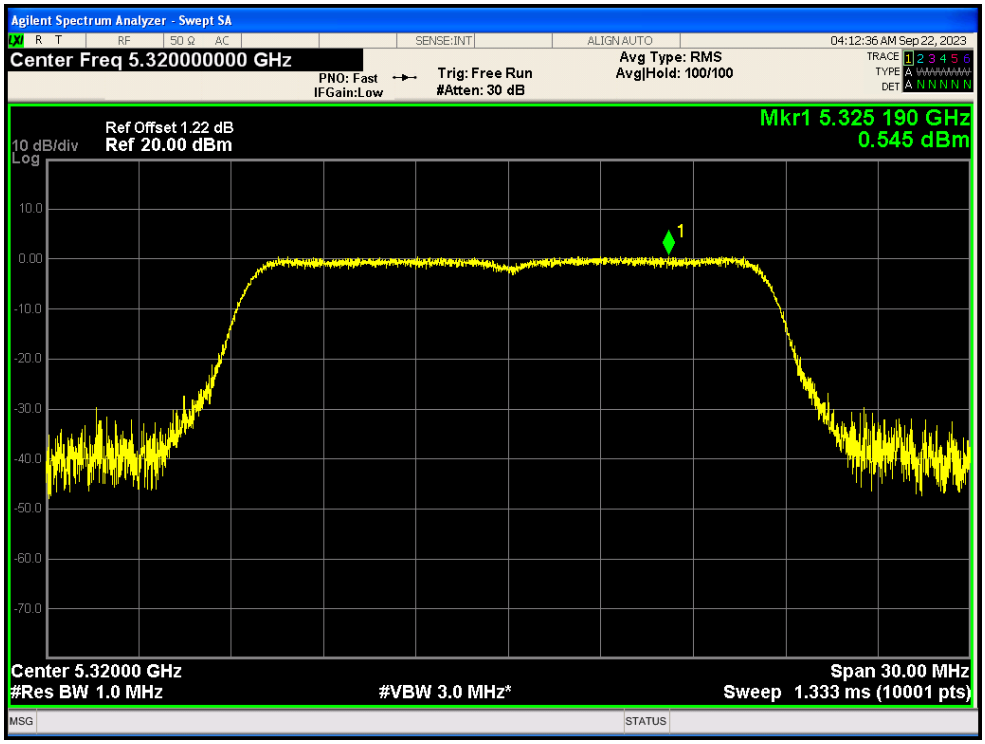
PSD NVNT a 5260MHz Ant2



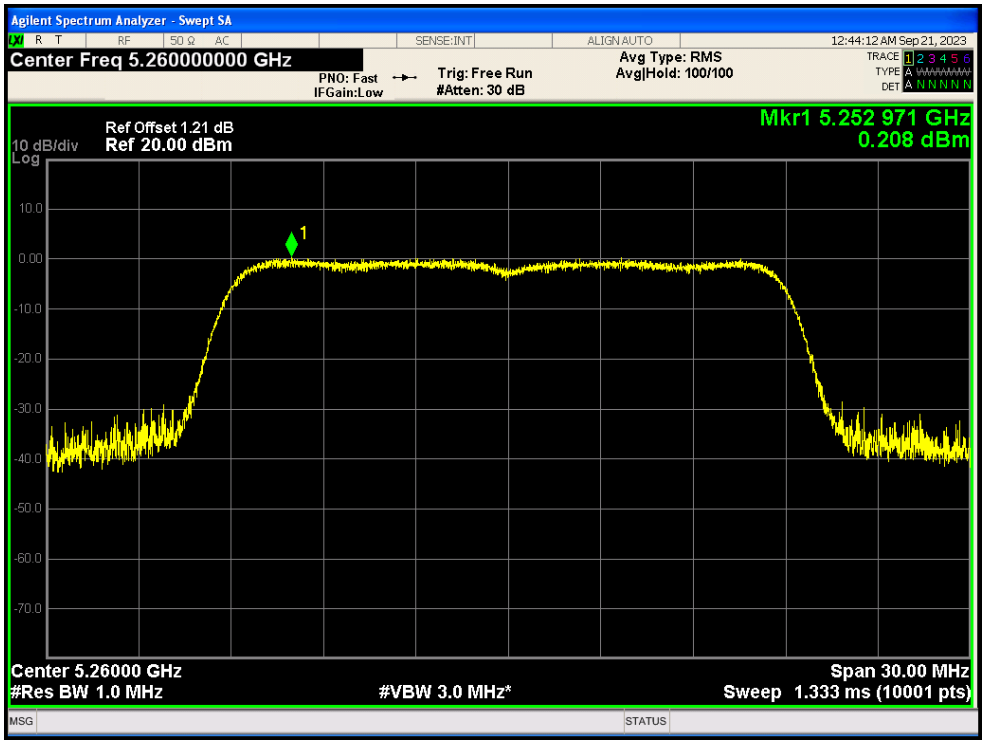
PSD NVNT a 5280MHz Ant2



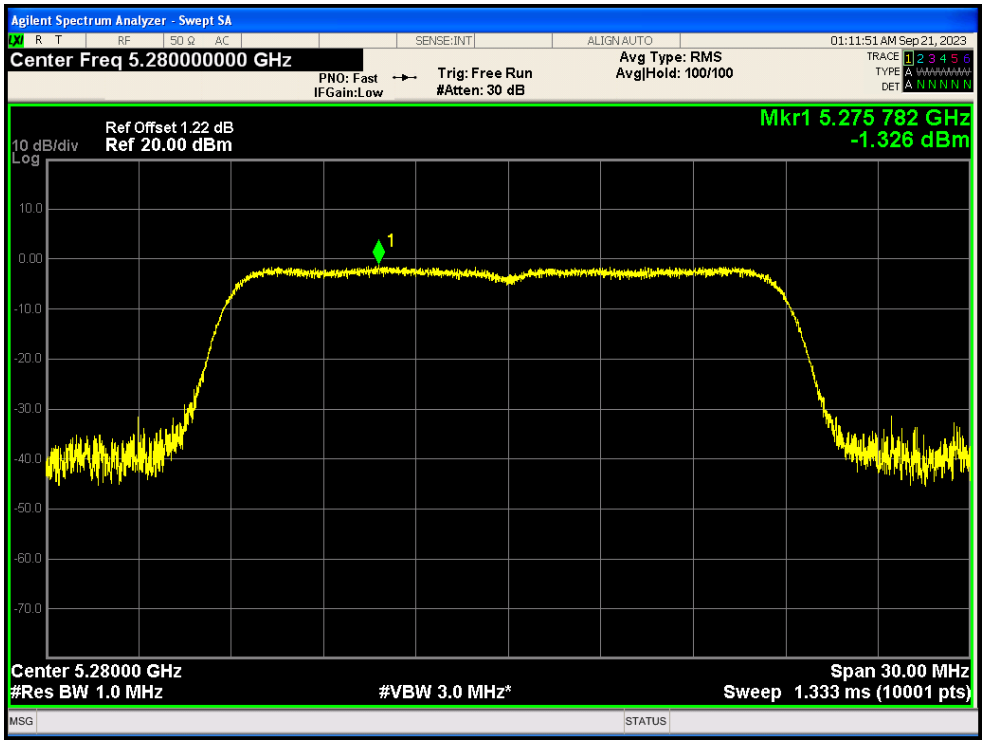
PSD NVNT a 5320MHz Ant2



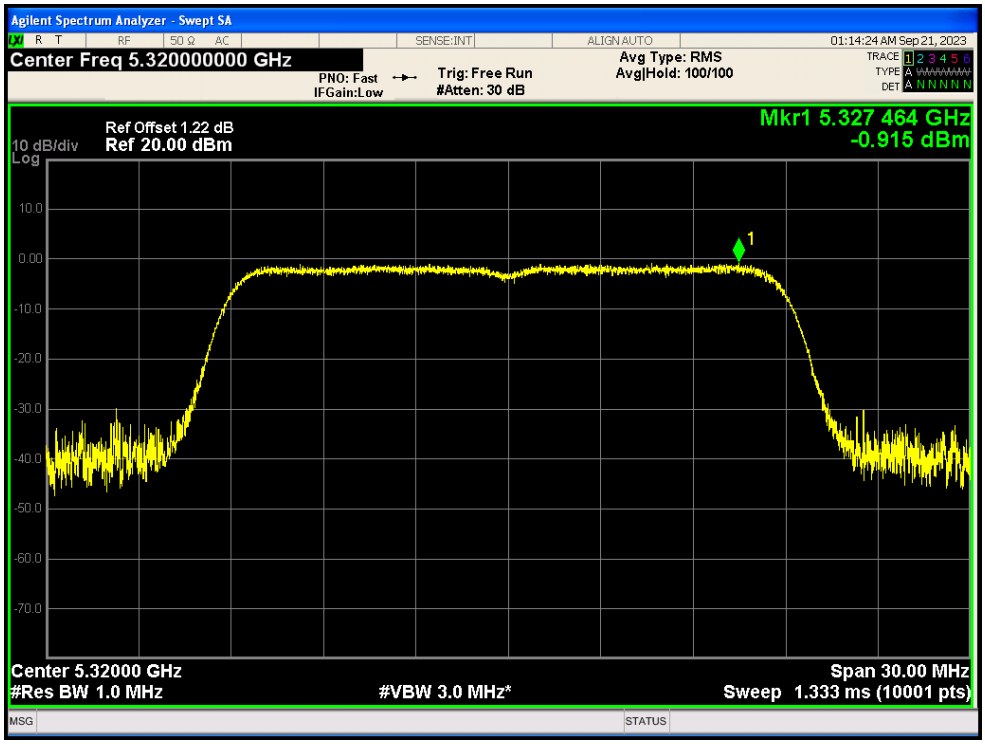
PSD NVNT ac20 5260MHz Ant1



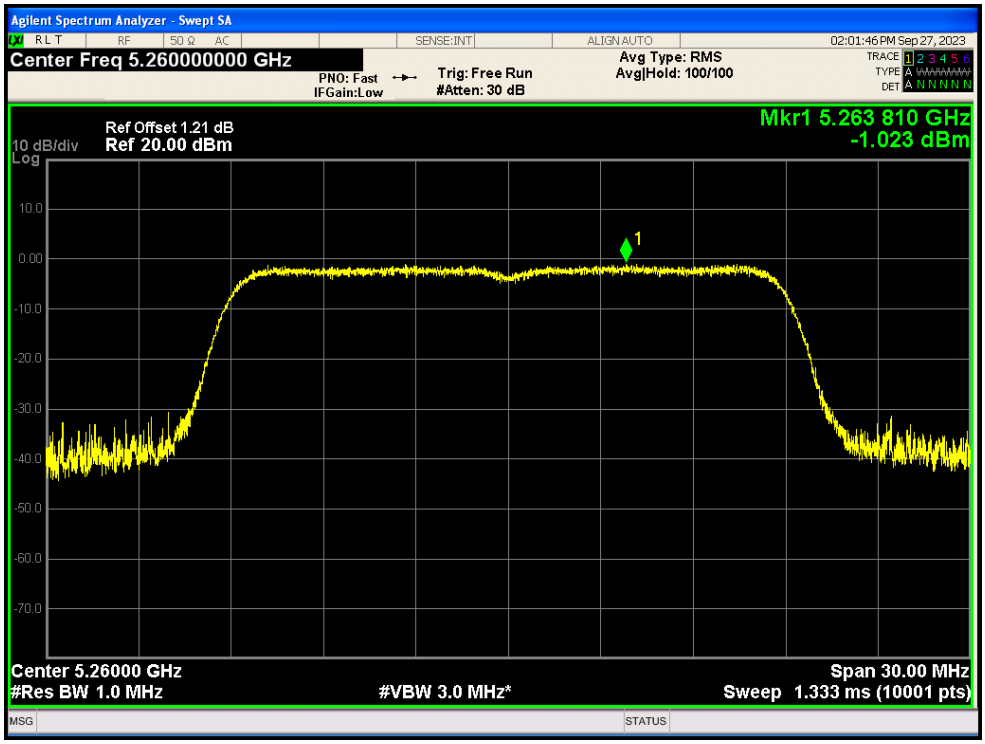
PSD NVNT ac20 5280MHz Ant1



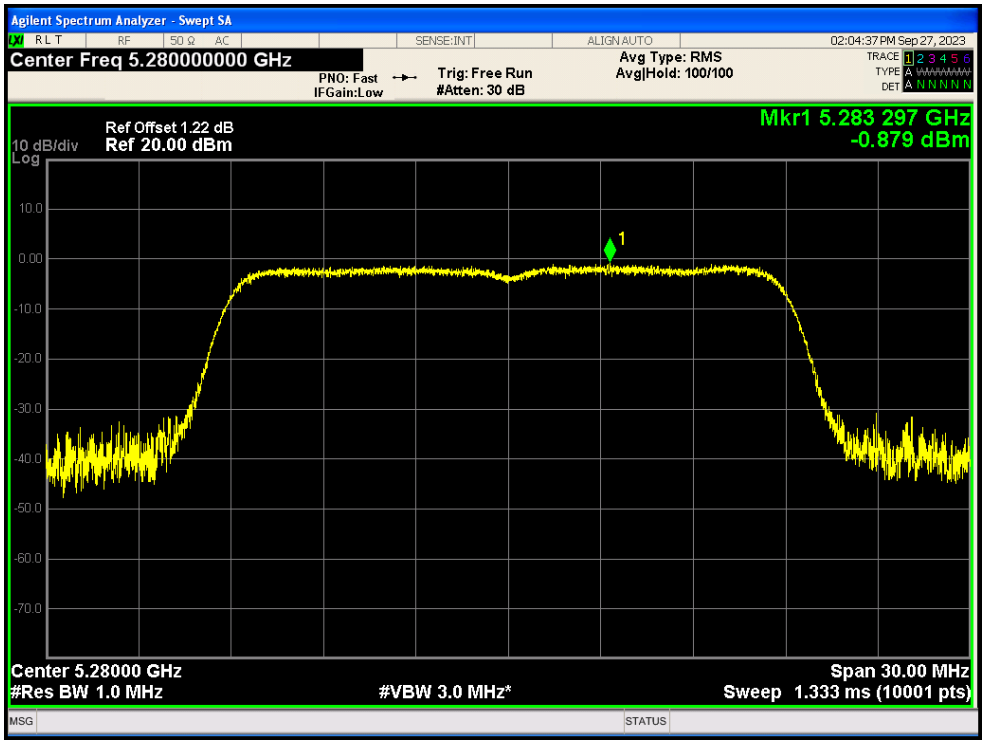
PSD NVNT ac20 5320MHz Ant1



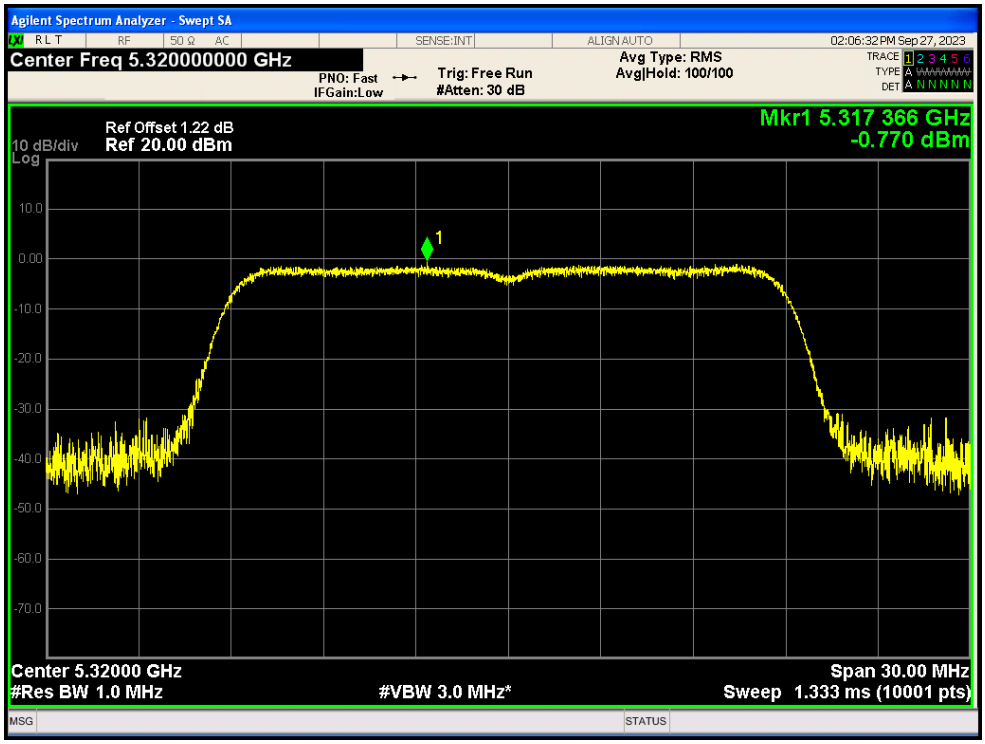
PSD NVNT ac20 5260MHz Ant2



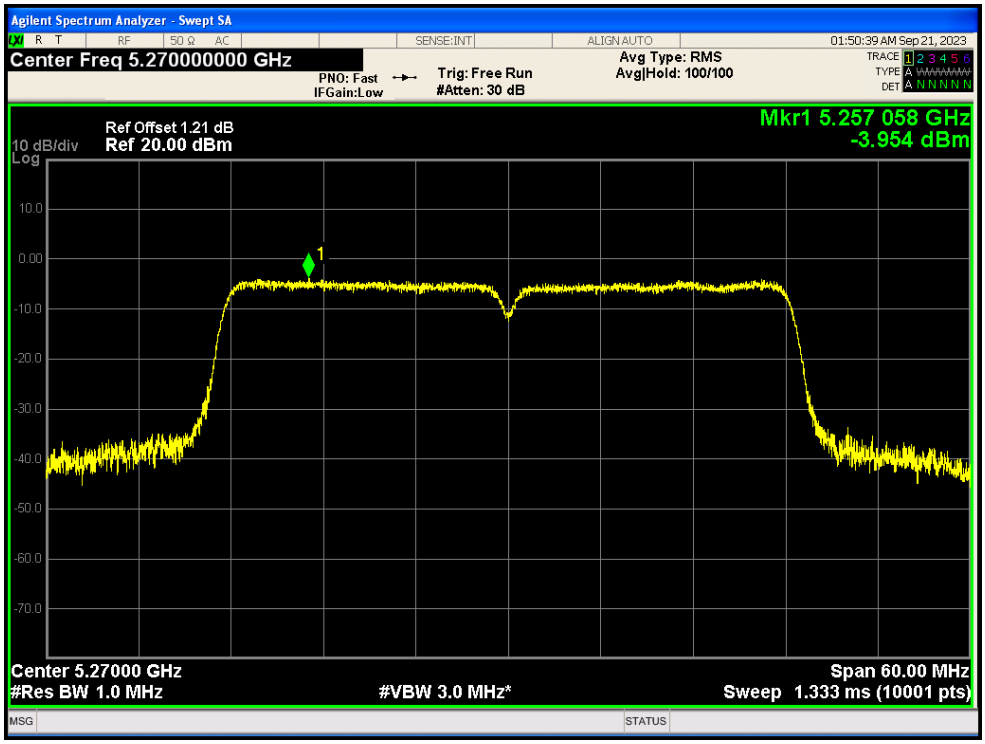
PSD NVNT ac20 5280MHz Ant2



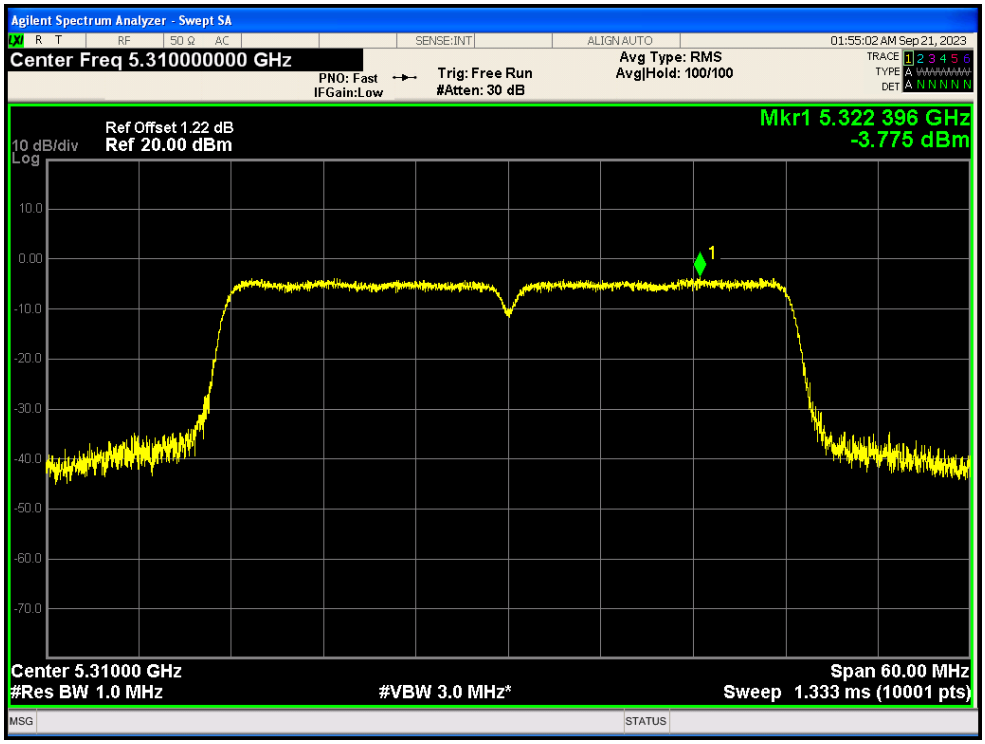
PSD NVNT ac20 5320MHz Ant2



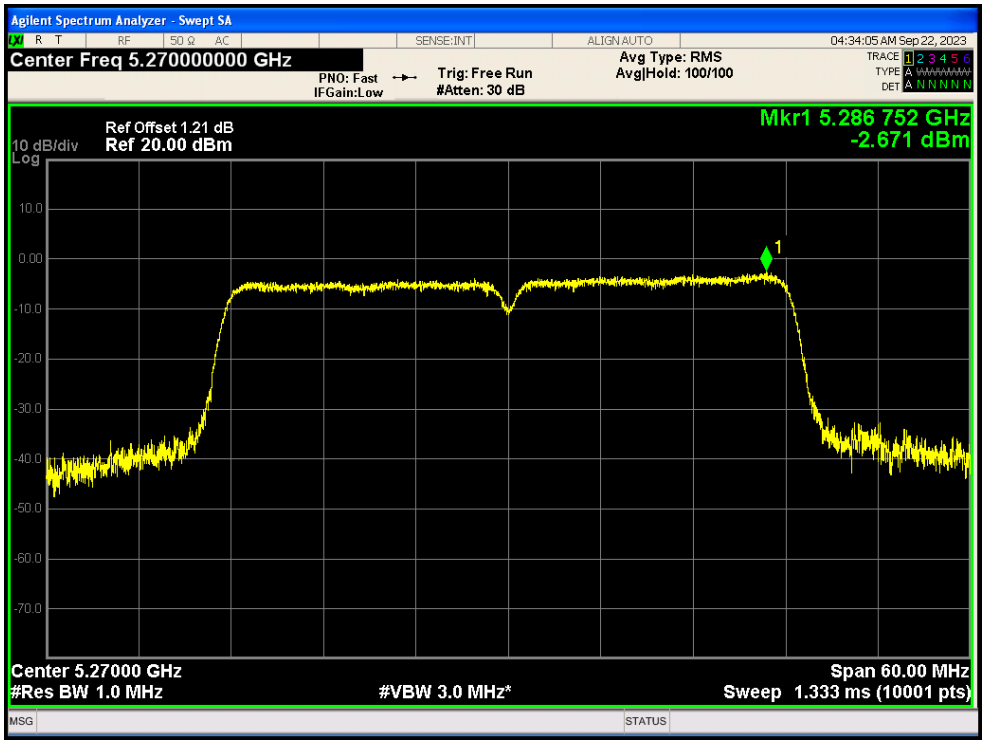
PSD NVNT ac40 5270MHz Ant1



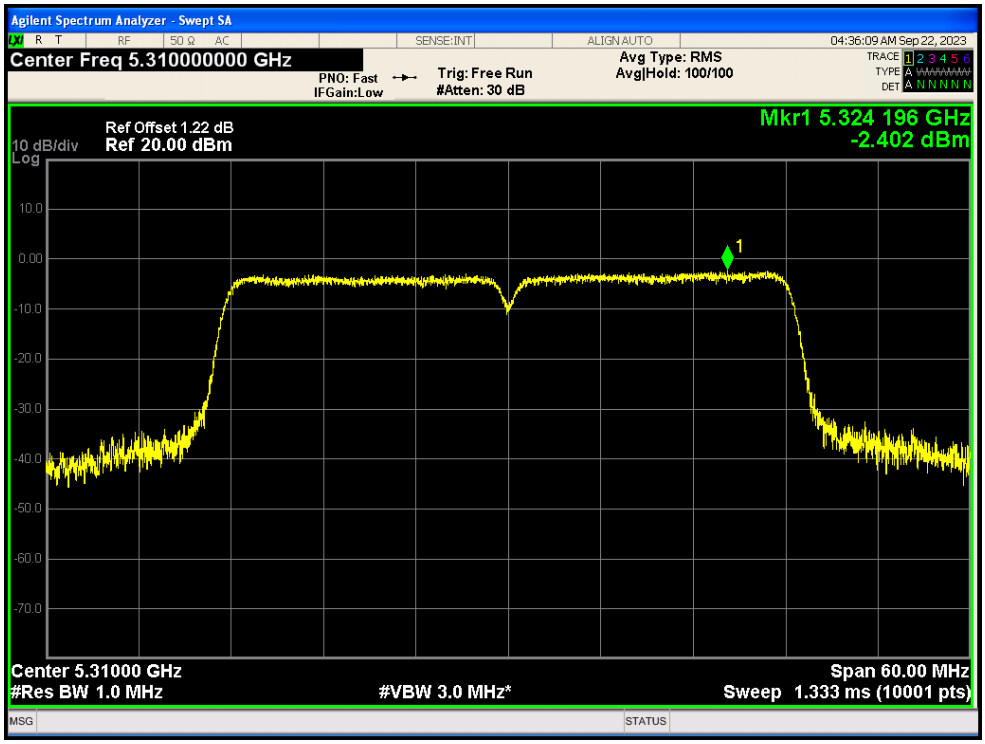
PSD NVNT ac40 5310MHz Ant1



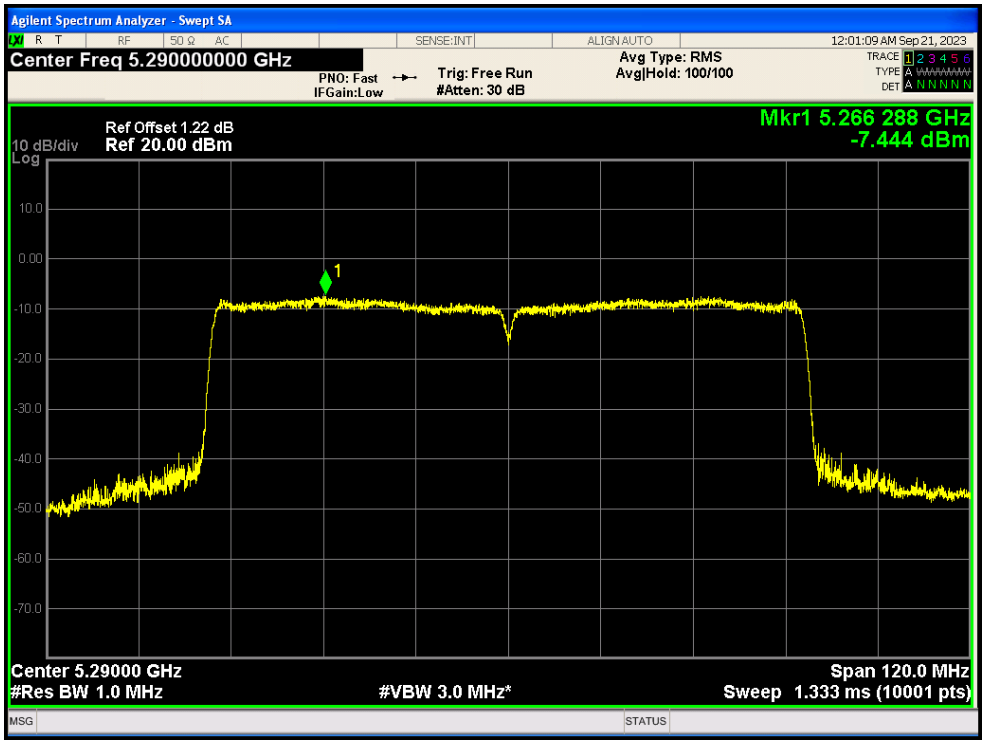
PSD NVNT ac40 5270MHz Ant2



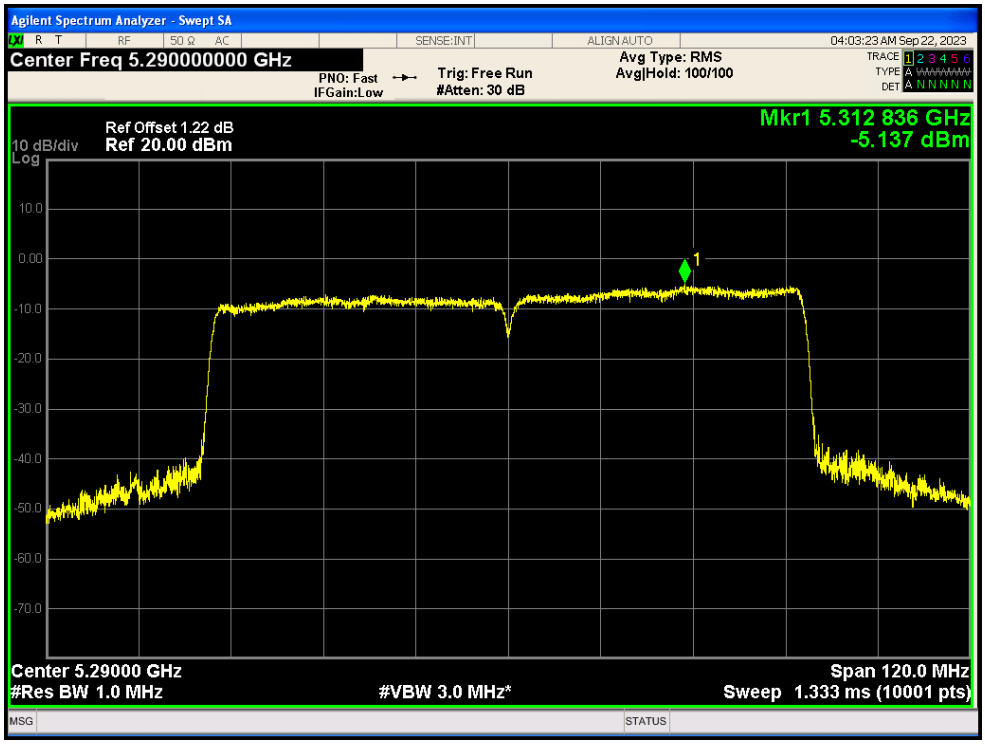
PSD NVNT ac40 5310MHz Ant2



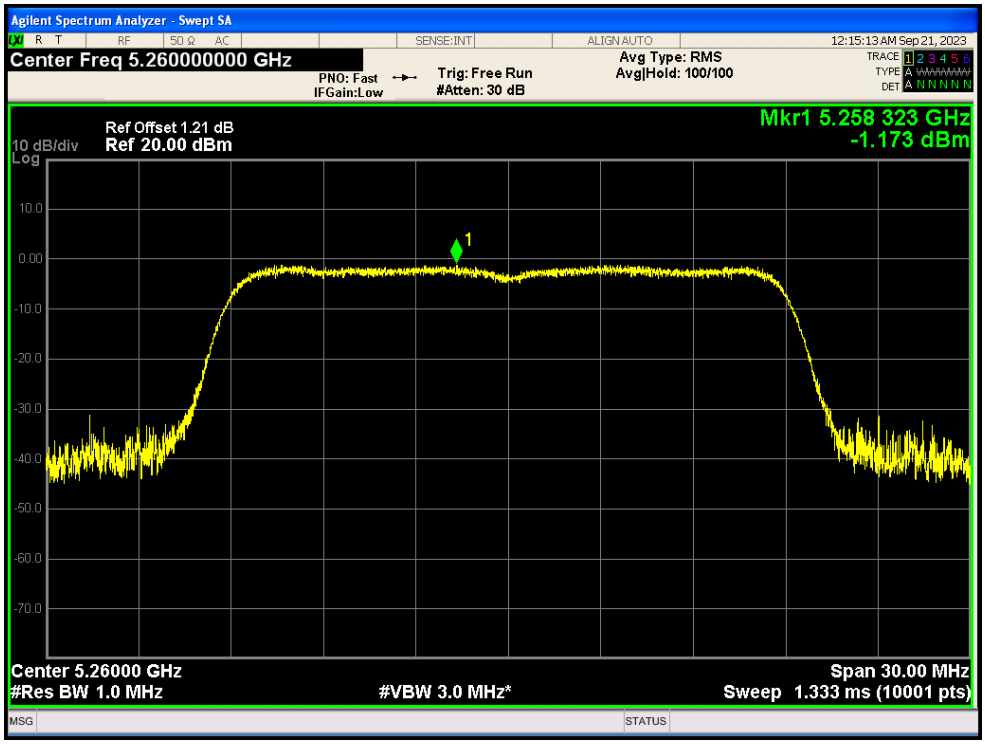
PSD NVNT ac80 5290MHz Ant1



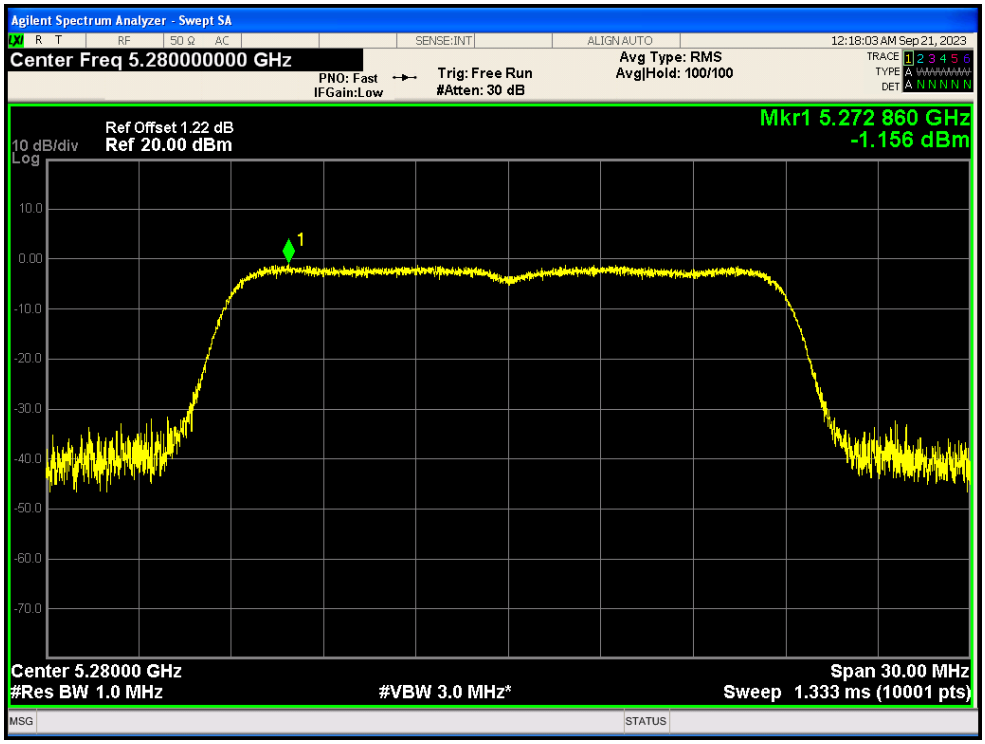
PSD NVNT ac80 5290MHz Ant2



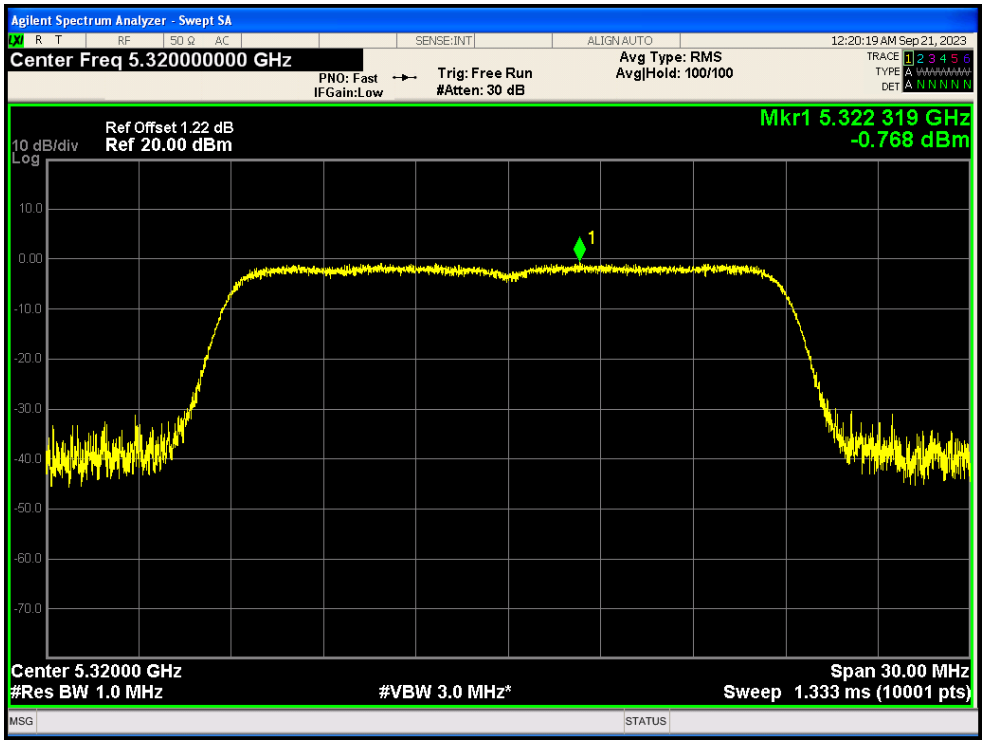
PSD NVNT n20 5260MHz Ant1



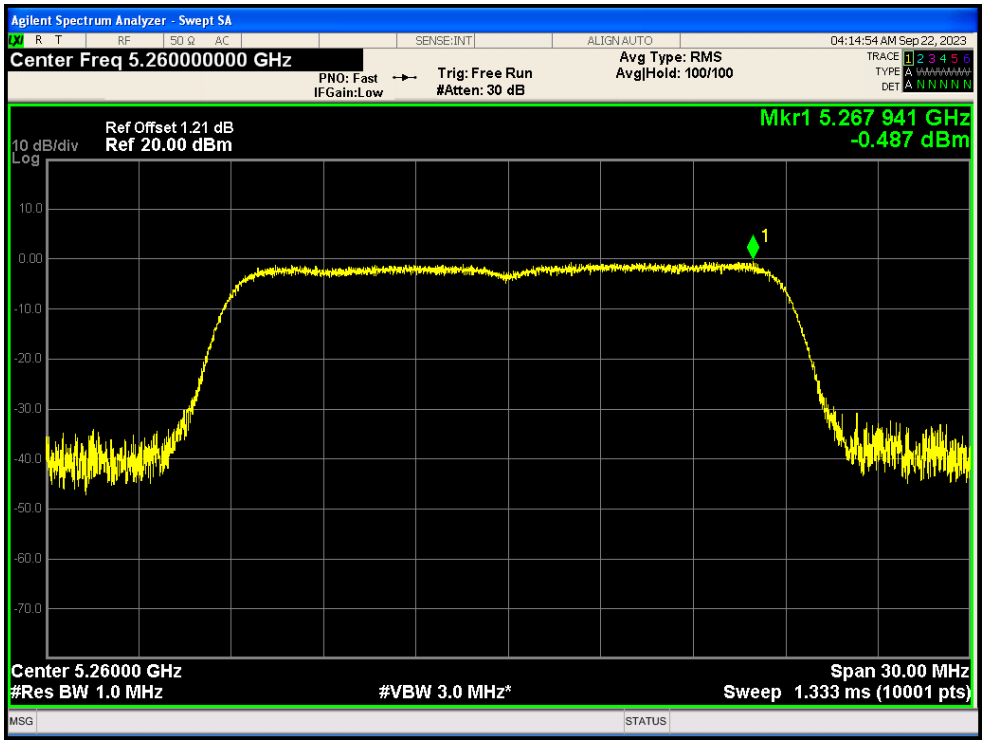
PSD NVNT n20 5280MHz Ant1



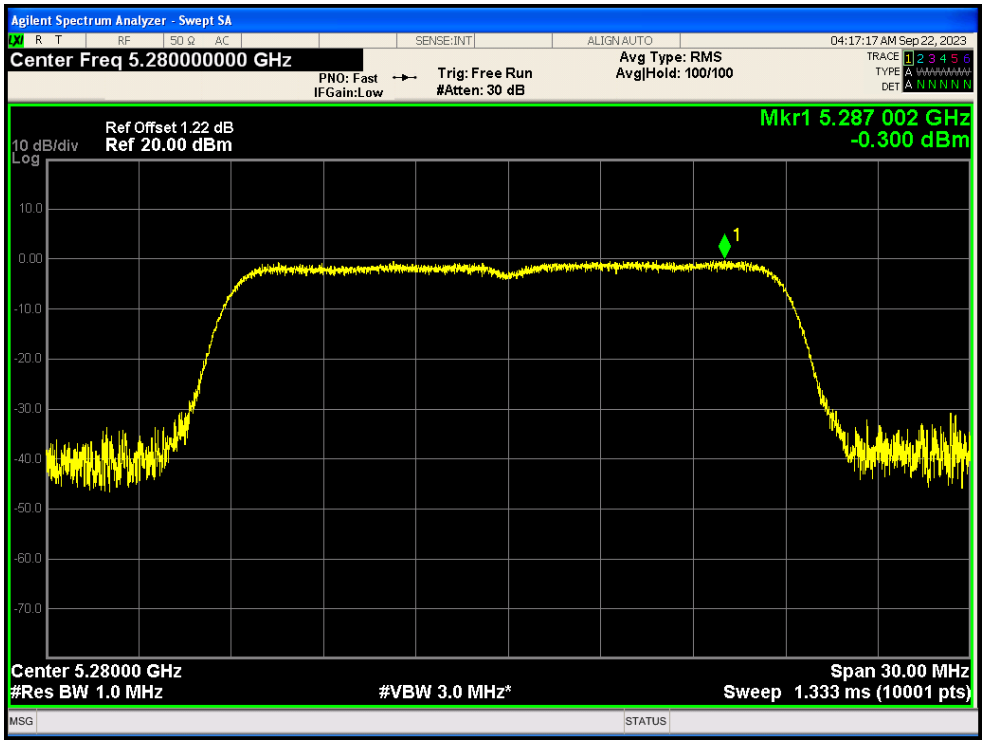
PSD NVNT n20 5320MHz Ant1



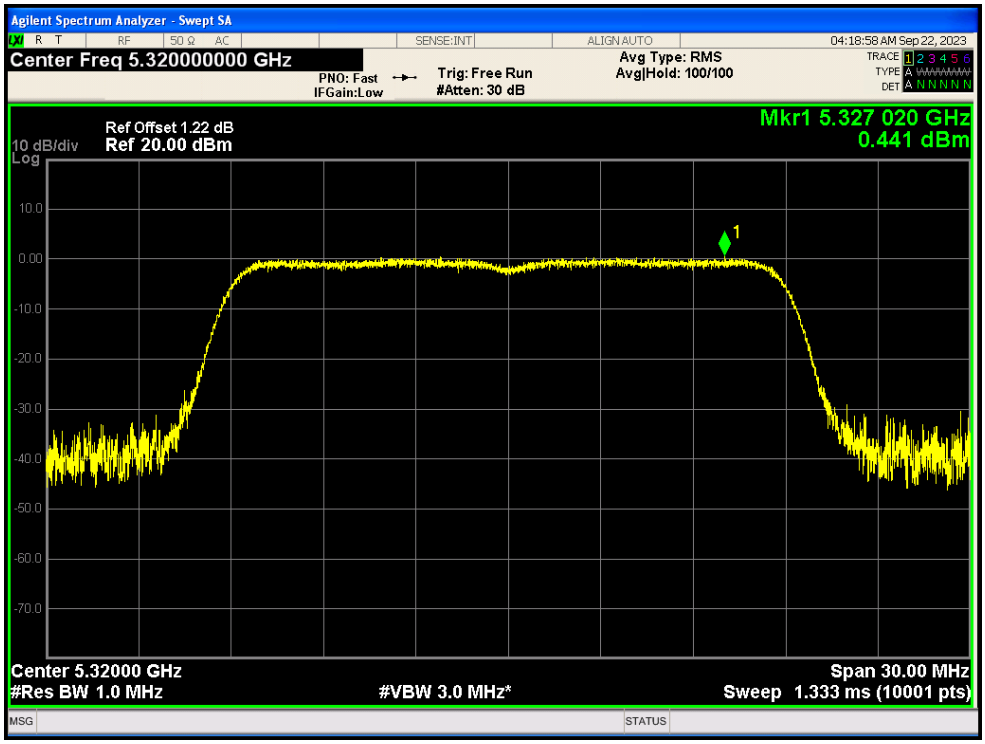
PSD NVNT n20 5260MHz Ant2



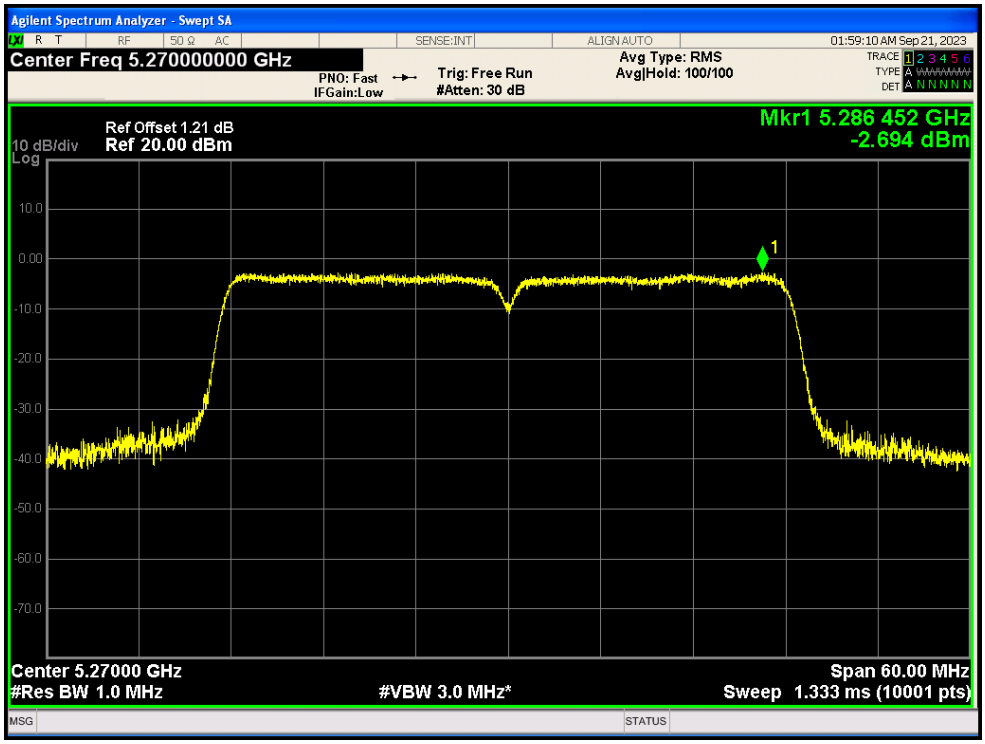
PSD NVNT n20 5280MHz Ant2



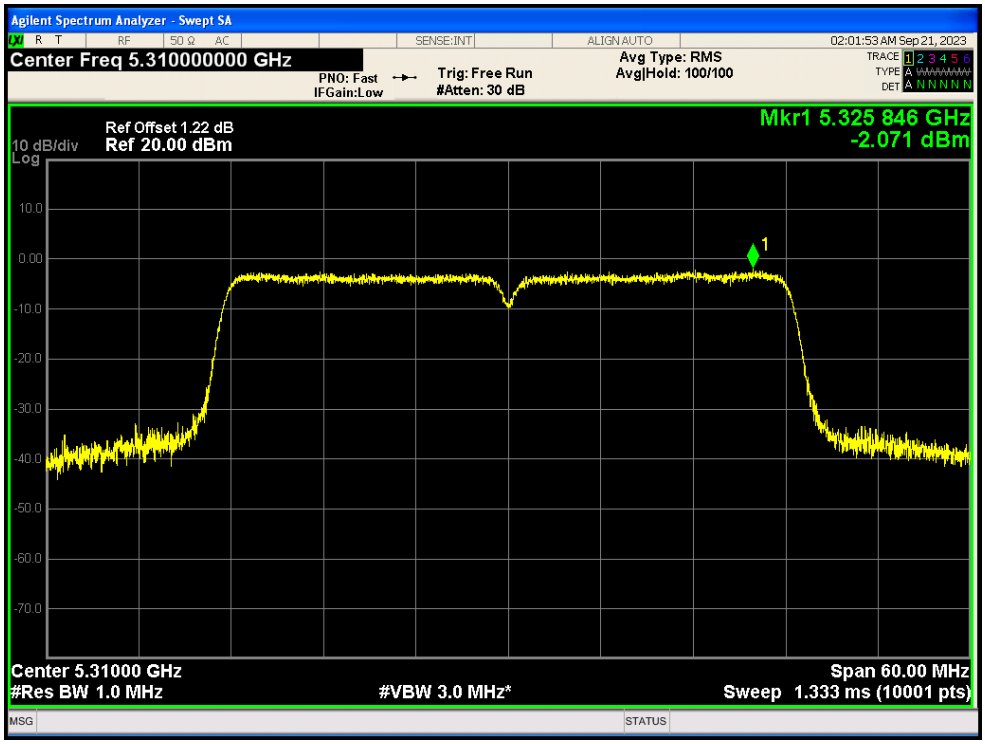
PSD NVNT n20 5320MHz Ant2



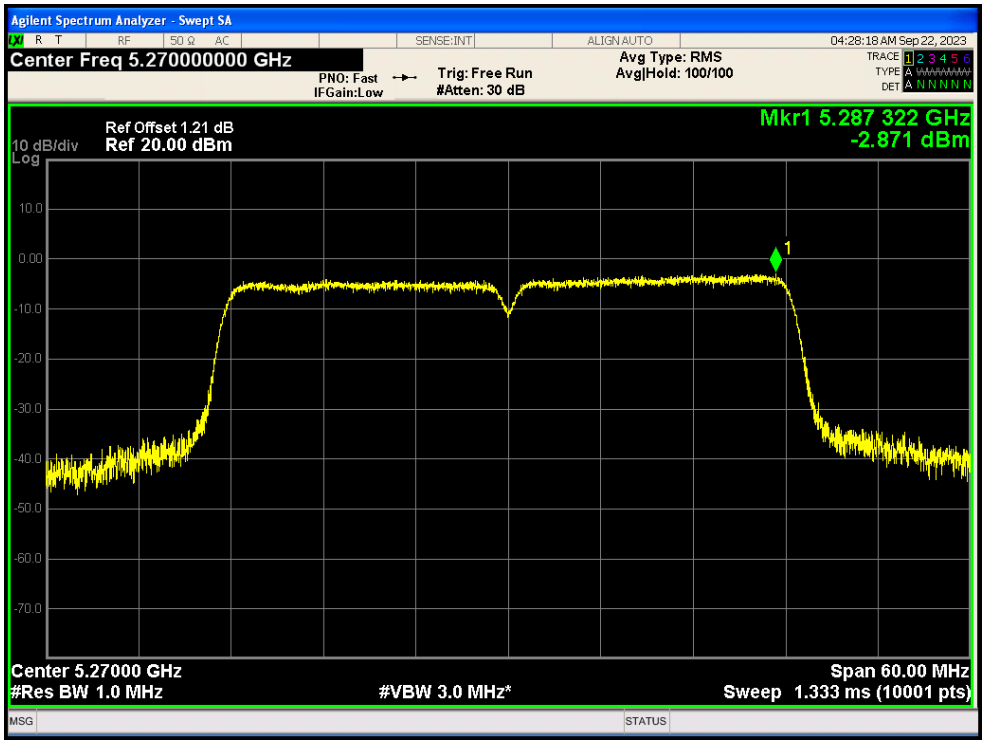
PSD NVNT n40 5270MHz Ant1



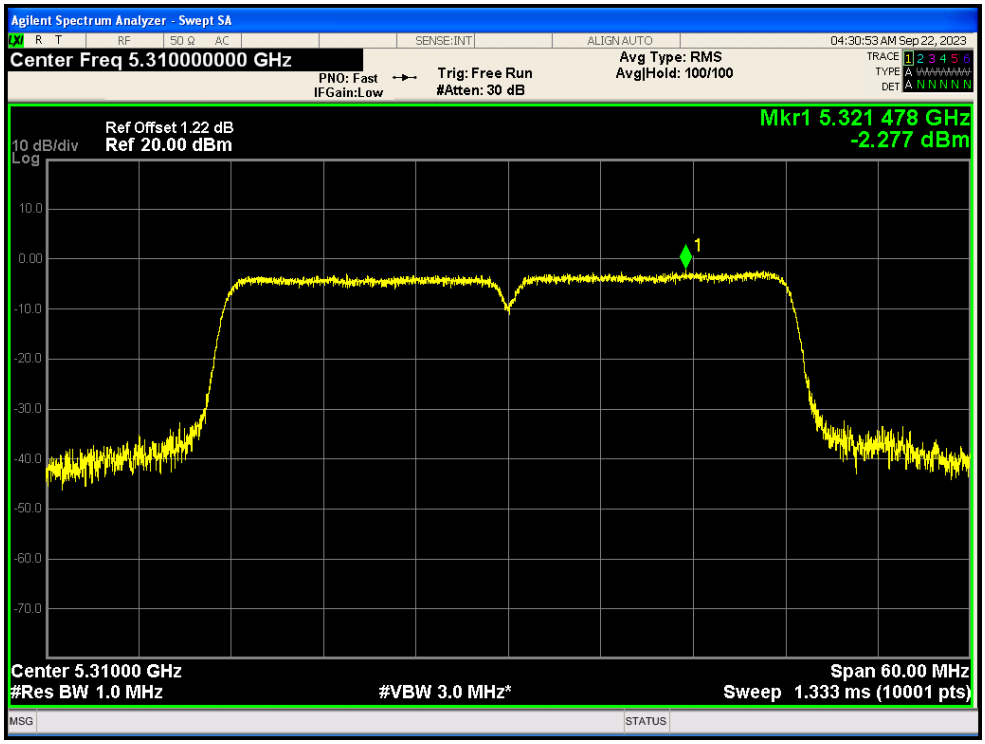
PSD NVNT n40 5310MHz Ant1



PSD NVNT n40 5270MHz Ant2



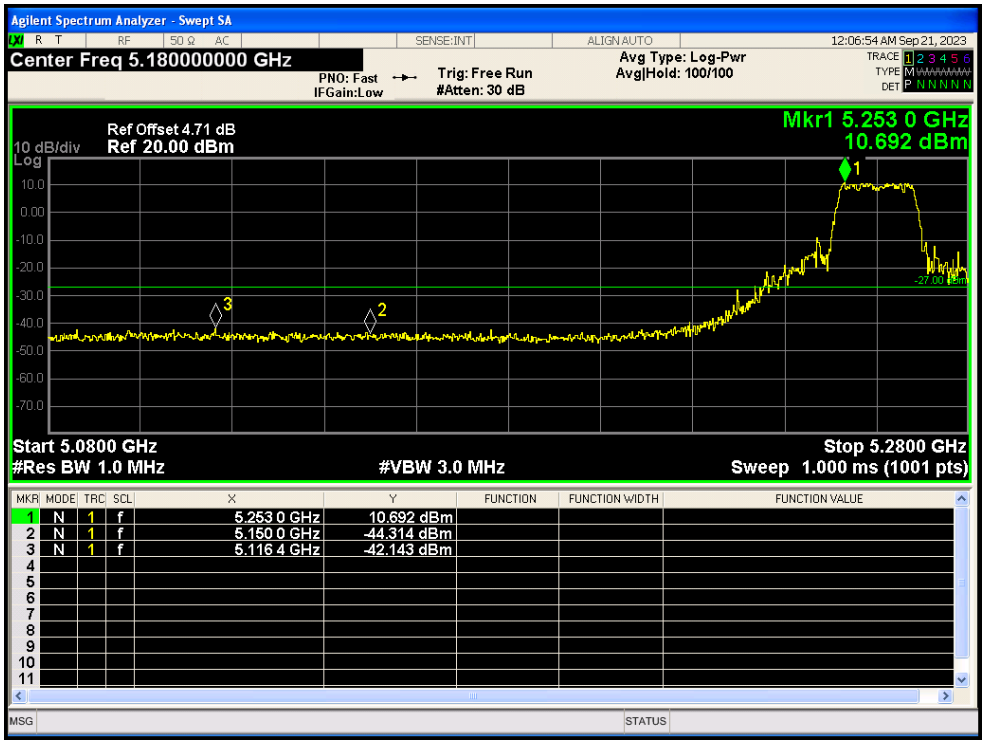
PSD NVNT n40 5310MHz Ant2



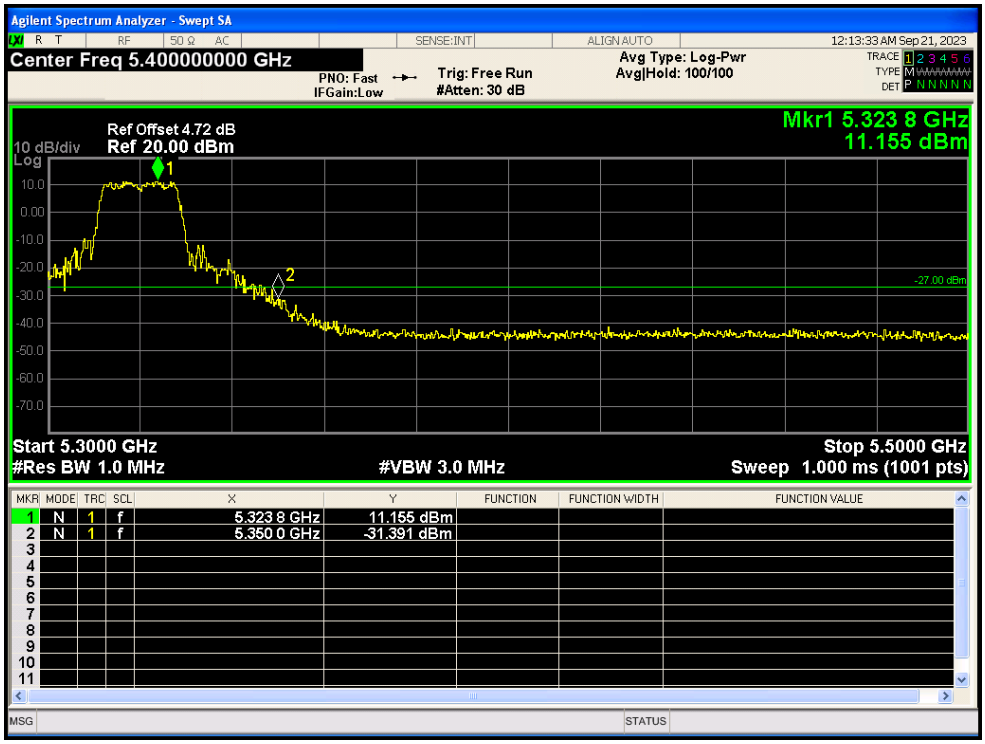
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-42.14	-27	Pass
NVNT	a	5320	Ant1	-31.39	-27	Pass
NVNT	a	5260	Ant2	-43.98	-27	Pass
NVNT	a	5320	Ant2	-30.8	-27	Pass
NVNT	ac20	5260	Ant1	-39.39	-27	Pass
NVNT	ac20	5320	Ant1	-27.69	-27	Pass
NVNT	ac20	5260	Ant2	-43.42	-27	Pass
NVNT	ac20	5320	Ant2	-35.08	-27	Pass
NVNT	ac40	5270	Ant1	-41.32	-27	Pass
NVNT	ac40	5310	Ant1	-30.04	-27	Pass
NVNT	ac40	5270	Ant2	-44.3	-27	Pass
NVNT	ac40	5310	Ant2	-30.4	-27	Pass
NVNT	ac80	5290	Ant1	-44.55	-27	Pass
NVNT	ac80	5290	Ant2	-47.13	-27	Pass
NVNT	n20	5260	Ant1	-41.21	-27	Pass
NVNT	n20	5320	Ant1	-30.57	-27	Pass
NVNT	n20	5260	Ant2	-44.09	-27	Pass
NVNT	n20	5320	Ant2	-28.91	-27	Pass
NVNT	n40	5270	Ant1	-39.68	-27	Pass
NVNT	n40	5310	Ant1	-28.29	-27	Pass
NVNT	n40	5270	Ant2	-44.66	-27	Pass
NVNT	n40	5310	Ant2	-28.01	-27	Pass

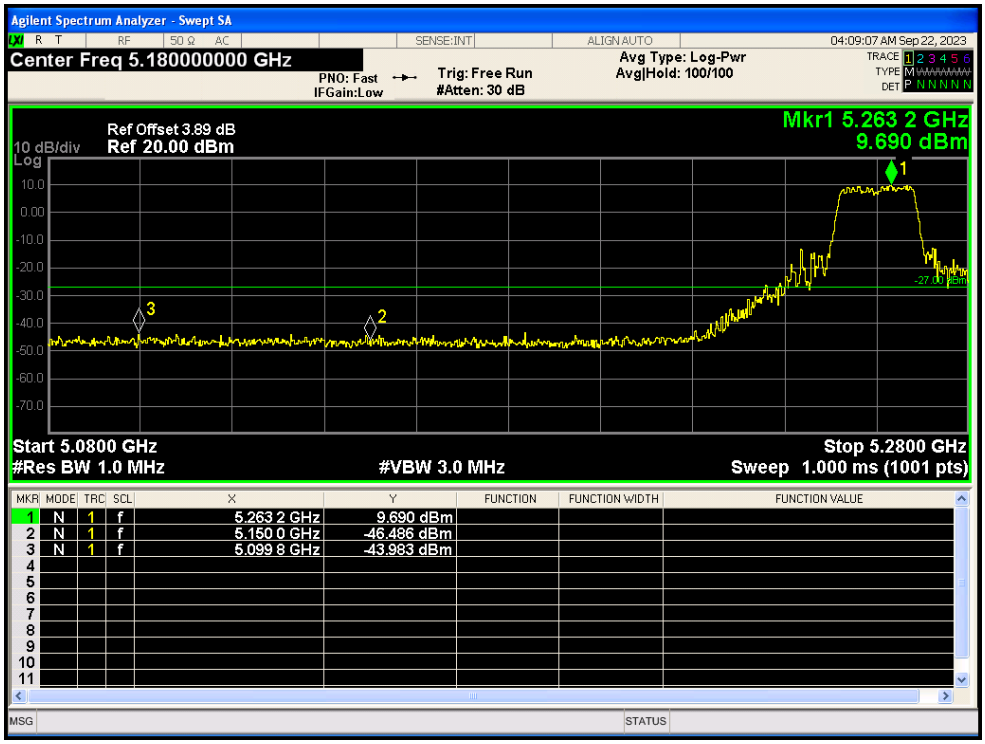
Band Edge NVNT a 5260MHz Low Ant1



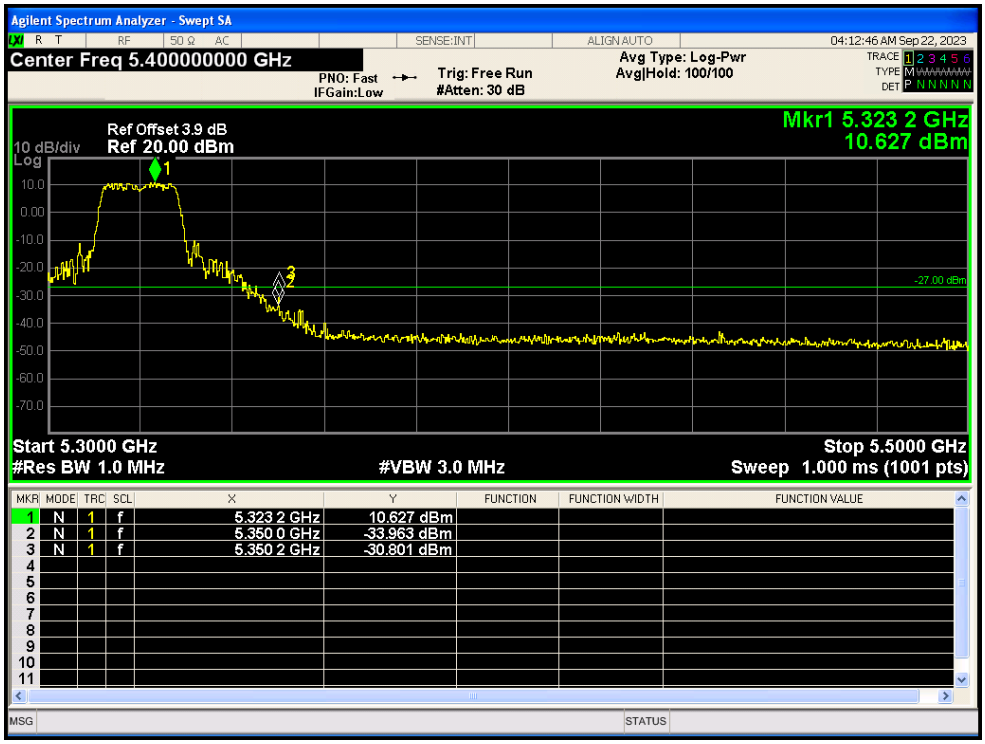
Band Edge NVNT a 5320MHz High Ant1



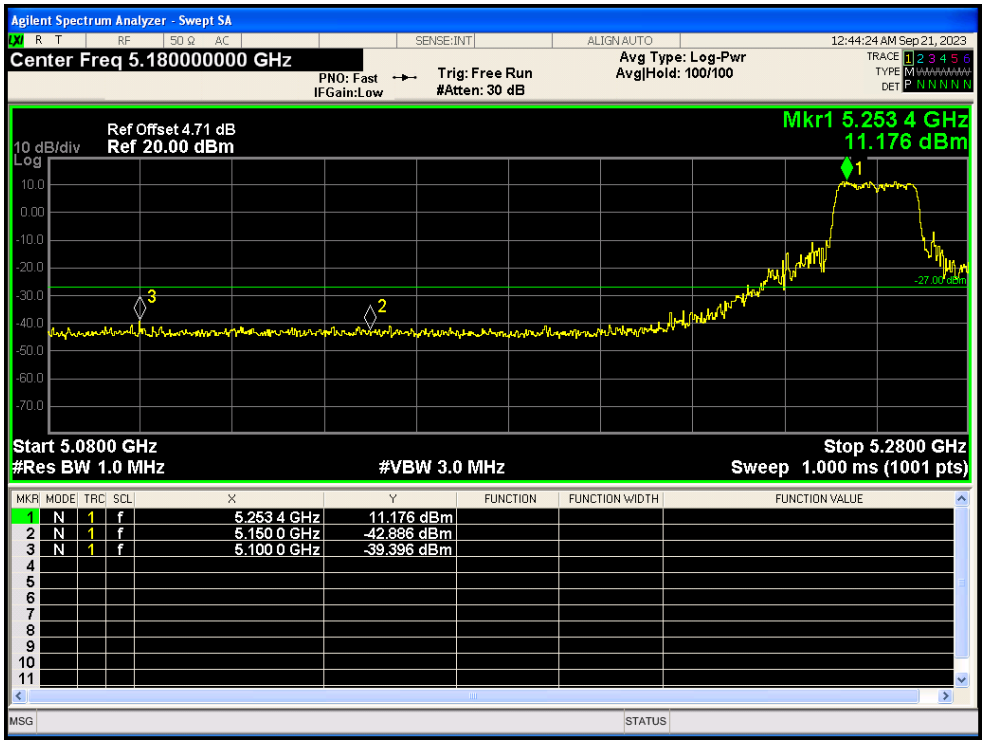
Band Edge NVNT a 5260MHz Low Ant2



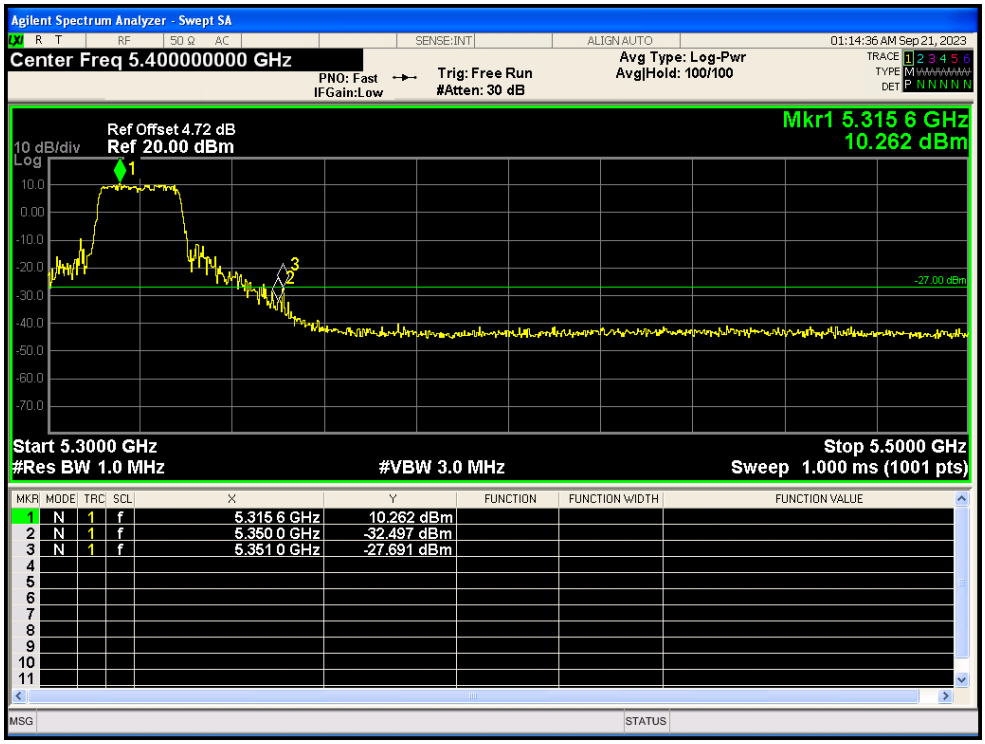
Band Edge NVNT a 5320MHz High Ant2



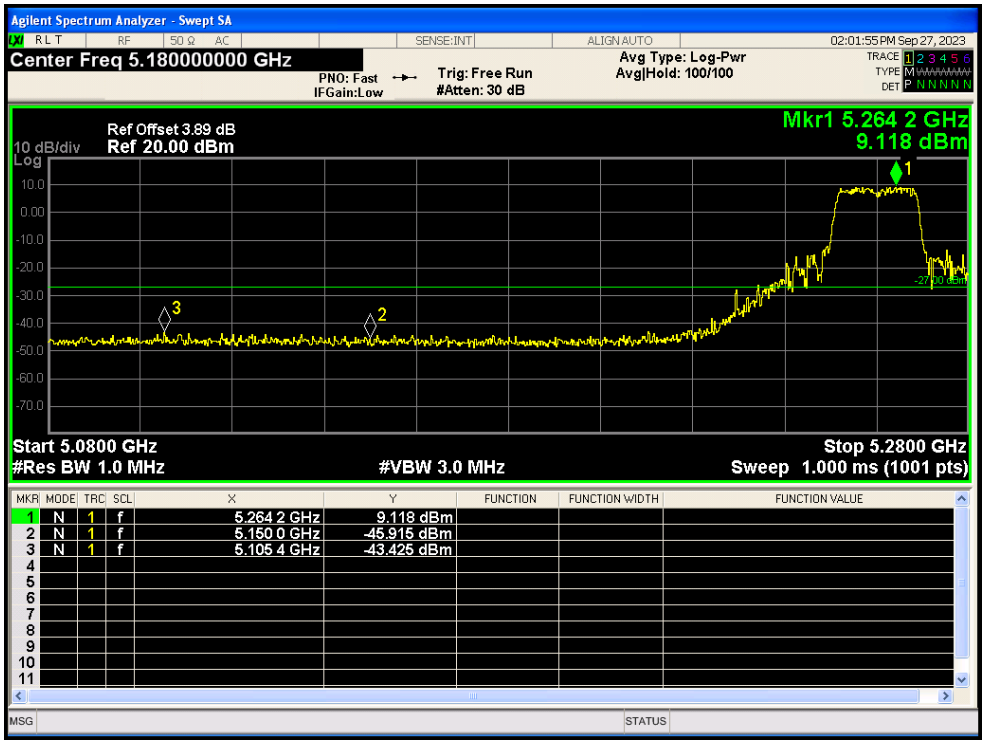
Band Edge NVNT ac20 5260MHz Low Ant1



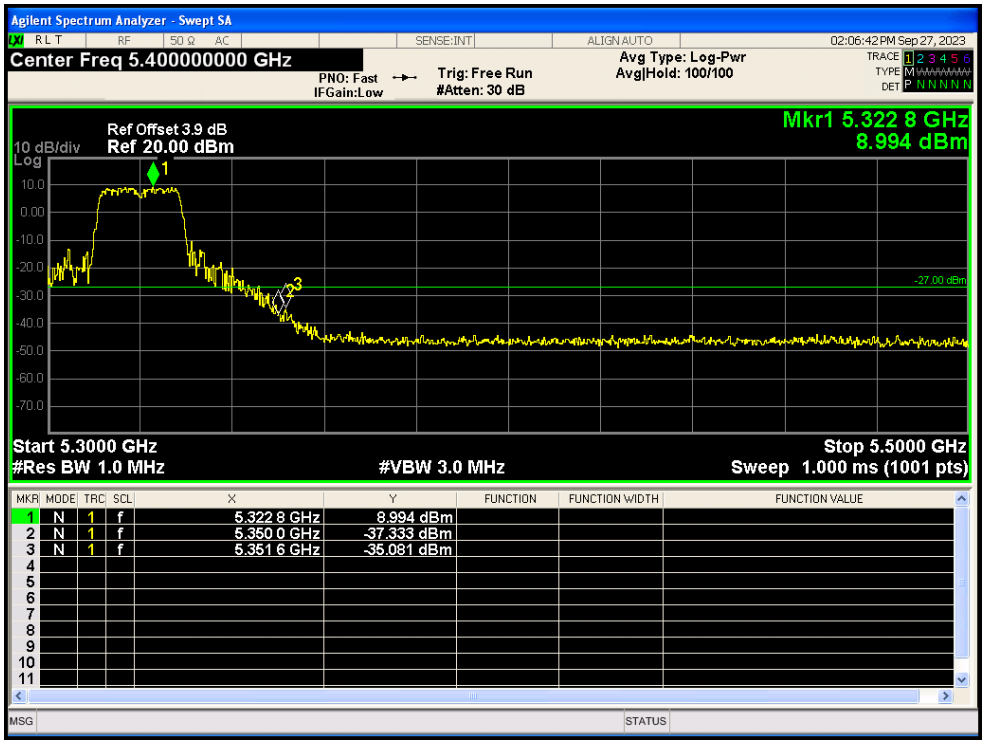
Band Edge NVNT ac20 5320MHz High Ant1



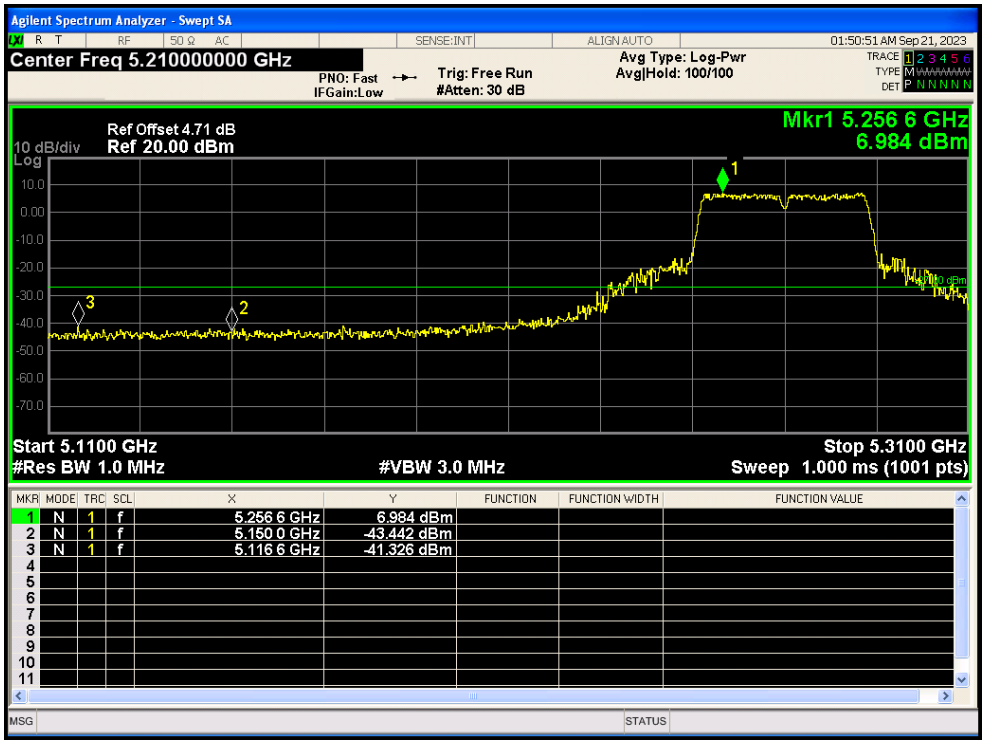
Band Edge NVNT ac20 5260MHz Low Ant2



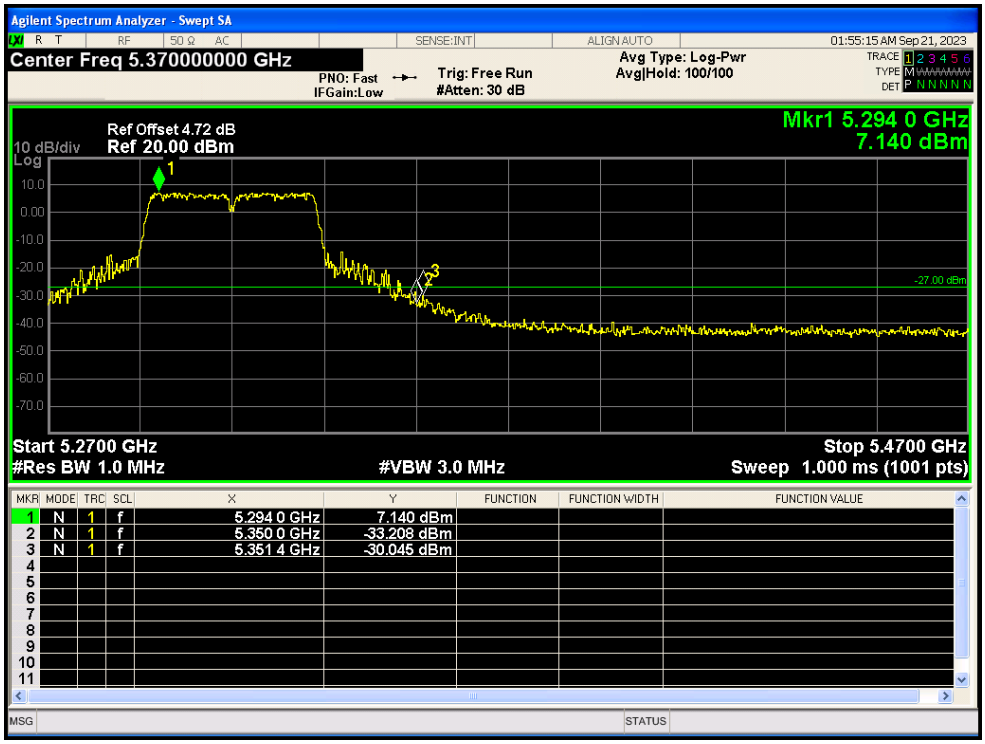
Band Edge NVNT ac20 5320MHz High Ant2



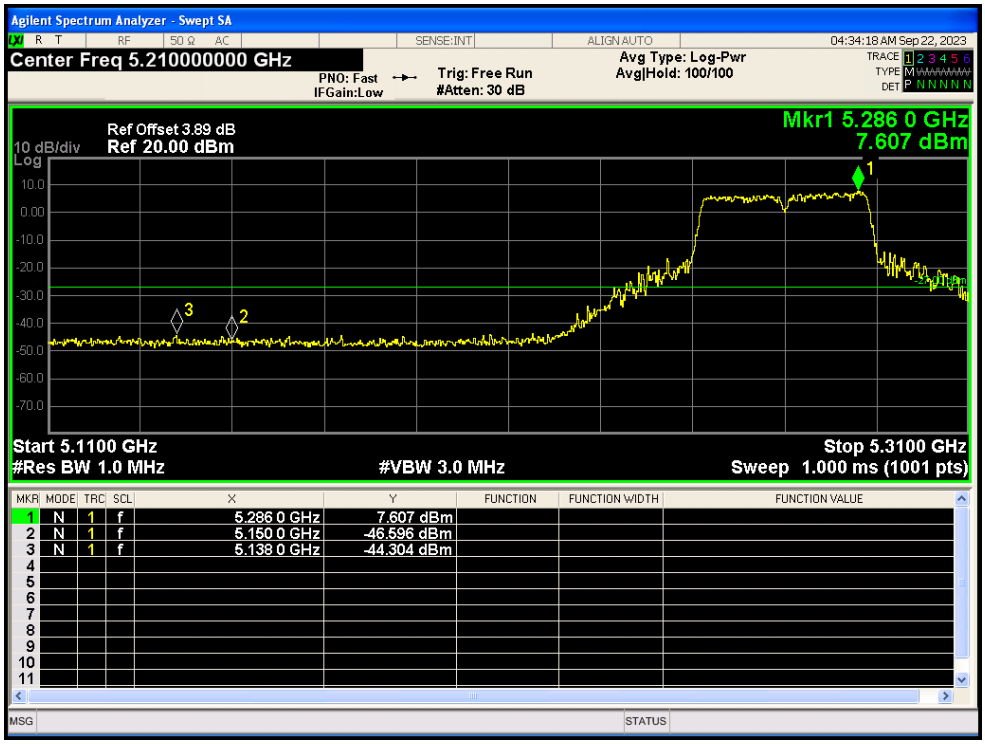
Band Edge NVNT ac40 5270MHz Low Ant1



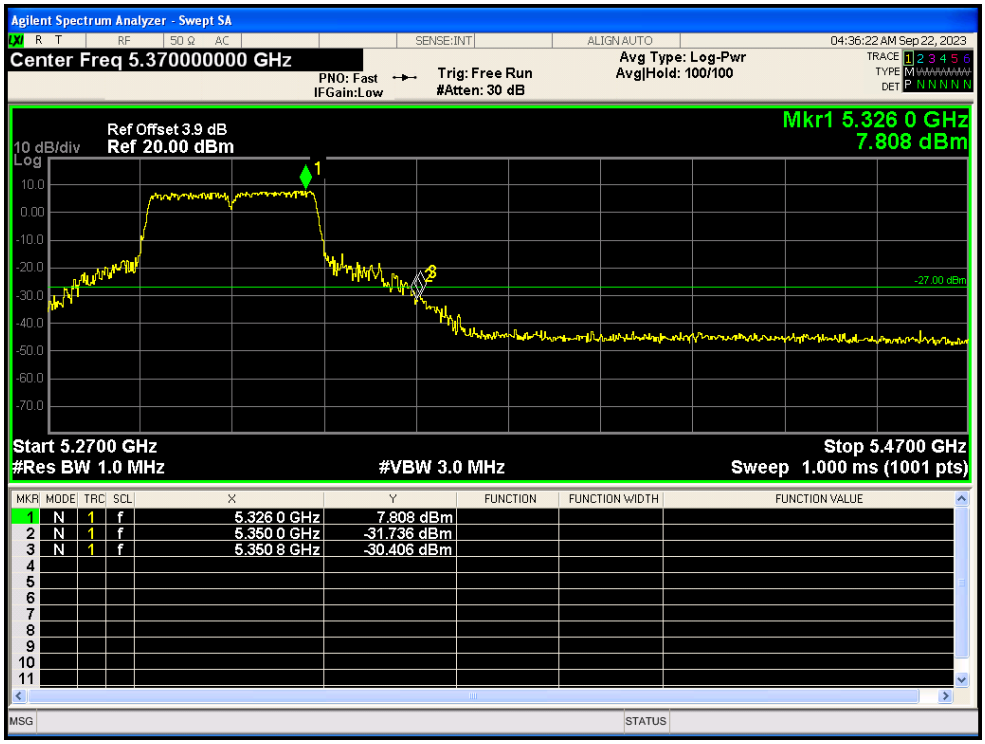
Band Edge NVNT ac40 5310MHz High Ant1



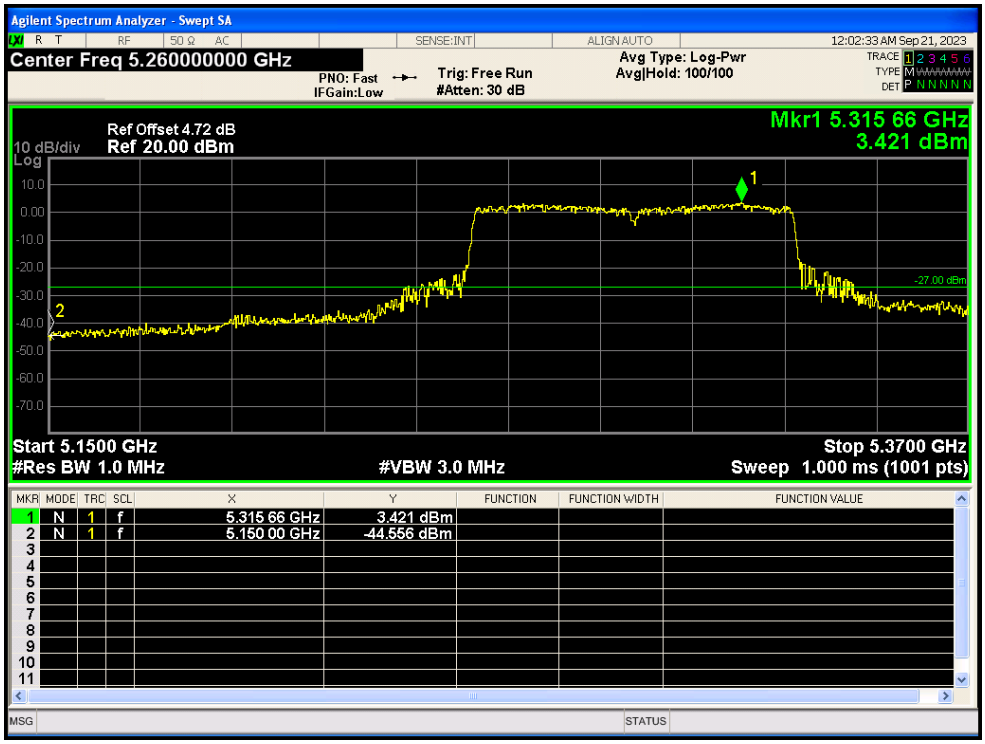
Band Edge NVNT ac40 5270MHz Low Ant2



Band Edge NVNT ac40 5310MHz High Ant2

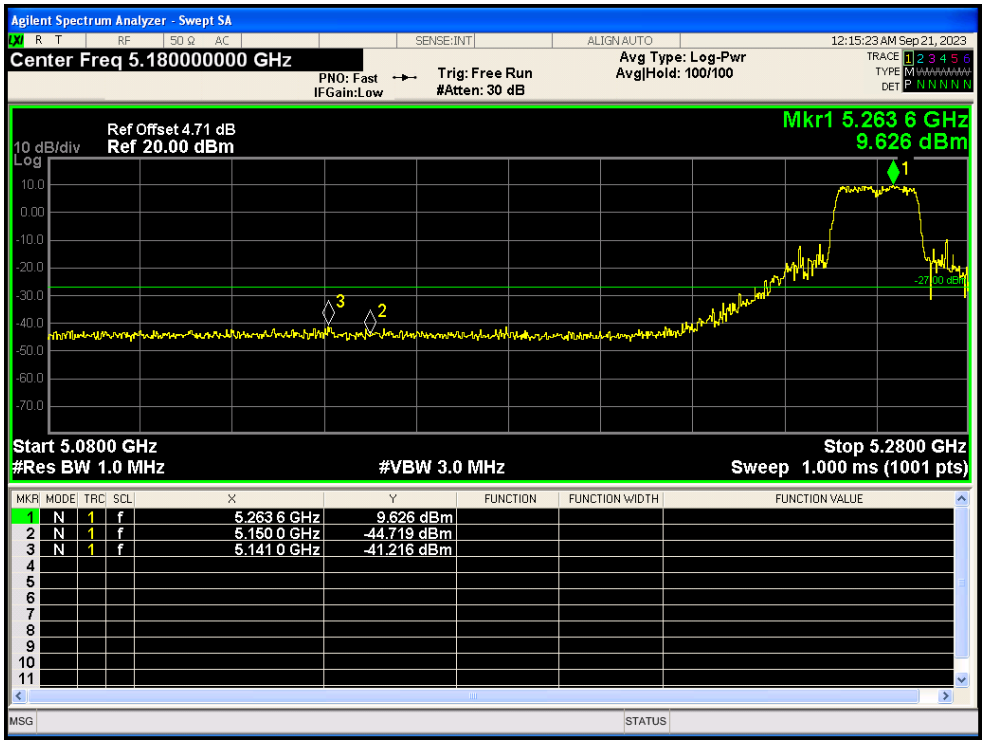


Band Edge NVNT ac80 5290MHz Low Ant1

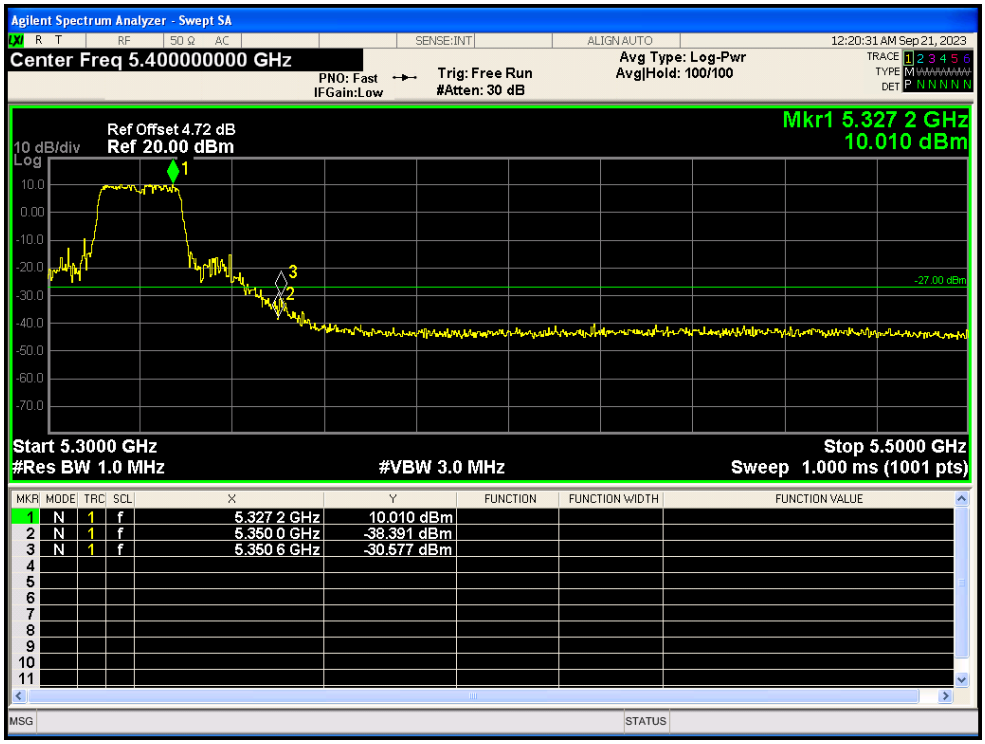


Band Edge NVNT ac80 5290MHz Low Ant2

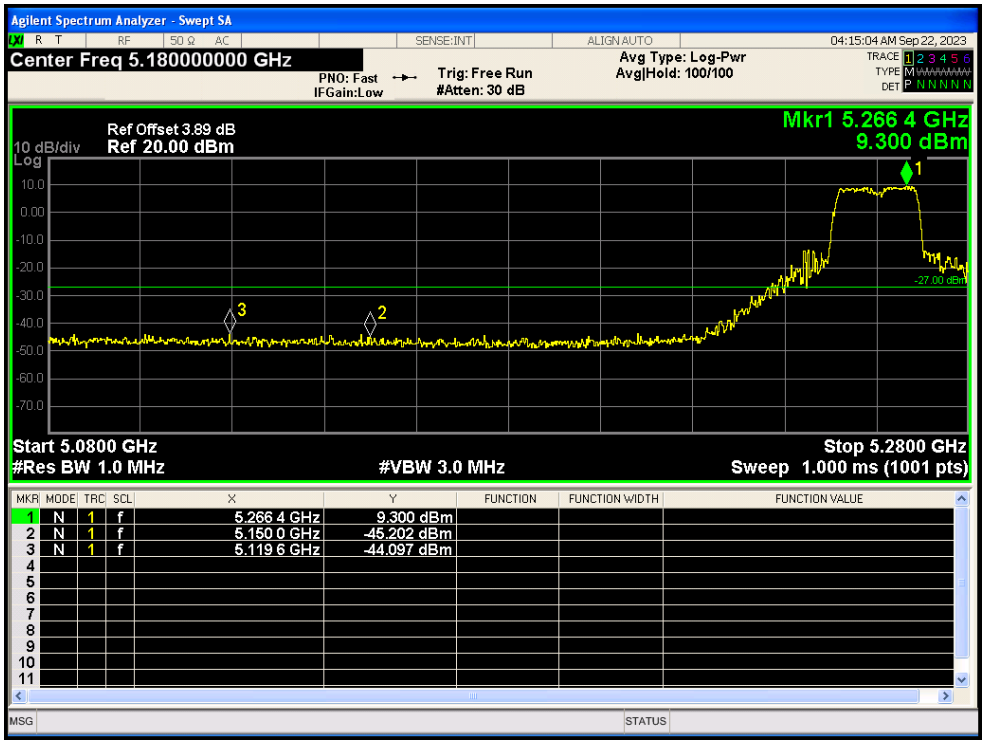
Band Edge NVNT n20 5260MHz Low Ant1



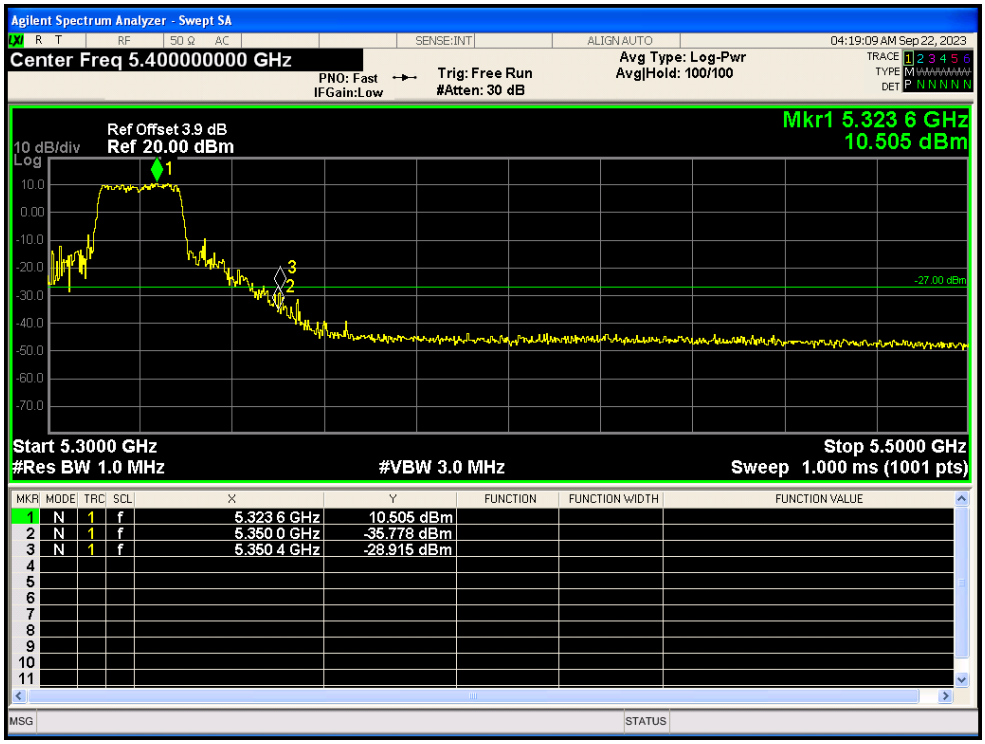
Band Edge NVNT n20 5320MHz High Ant1



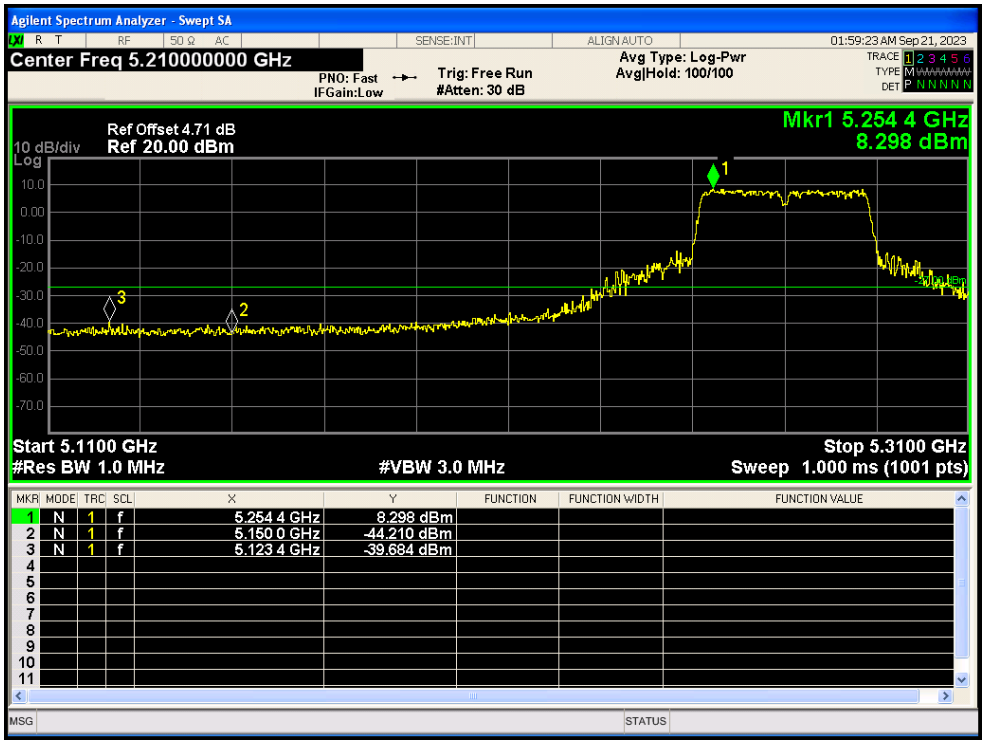
Band Edge NVNT n20 5260MHz Low Ant2



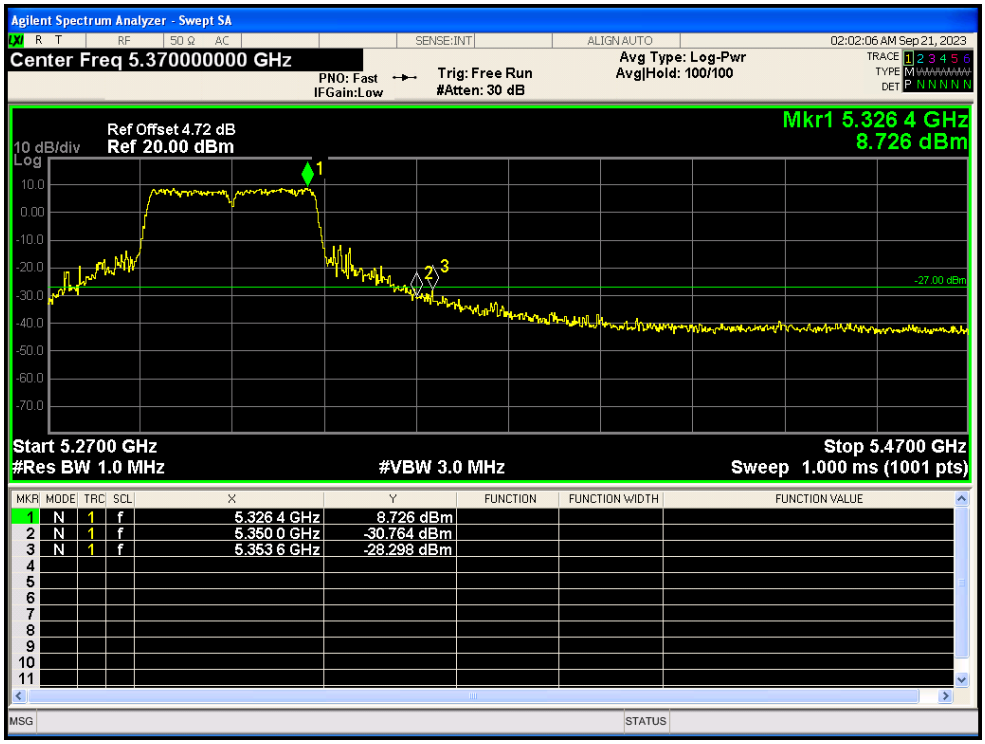
Band Edge NVNT n20 5320MHz High Ant2



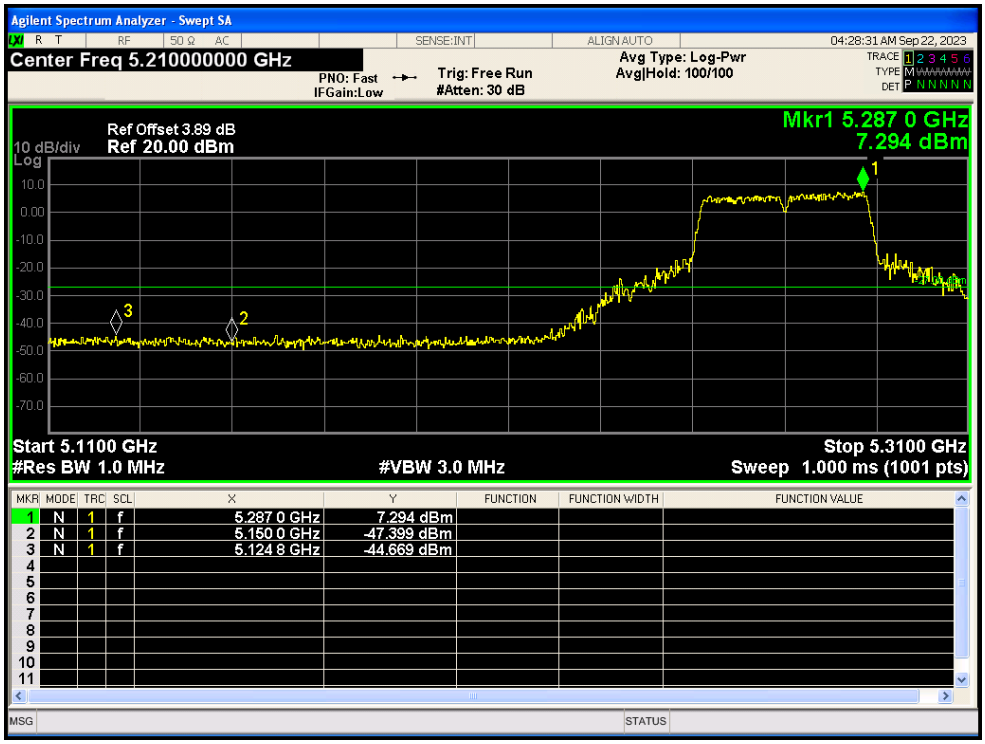
Band Edge NVNT n40 5270MHz Low Ant1



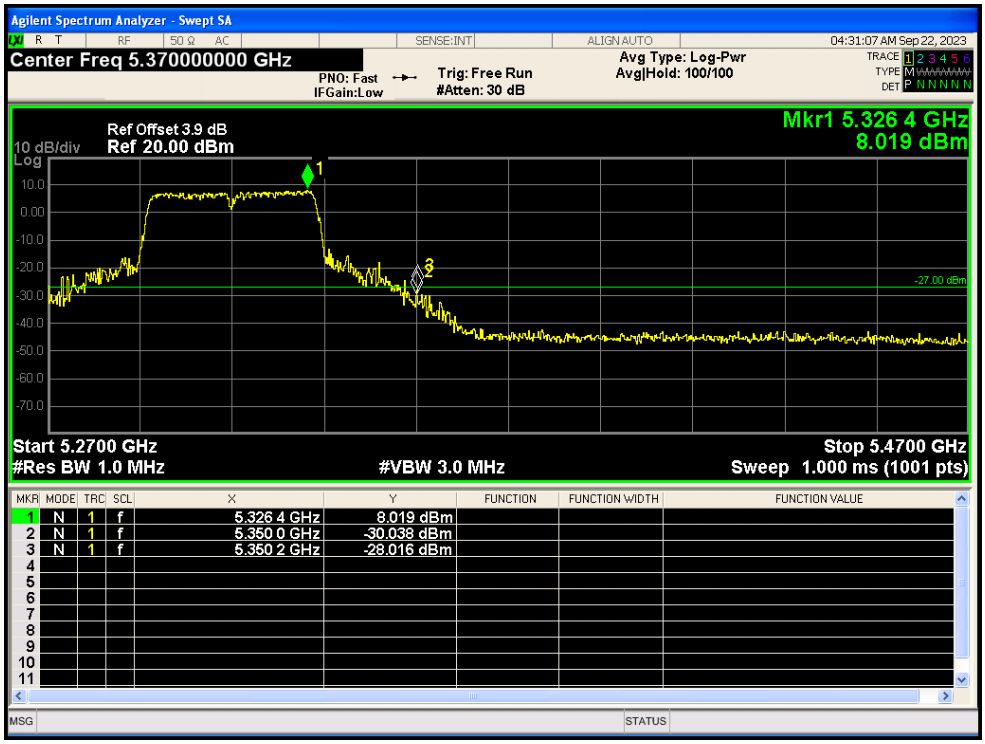
Band Edge NVNT n40 5310MHz High Ant1



Band Edge NVNT n40 5270MHz Low Ant2



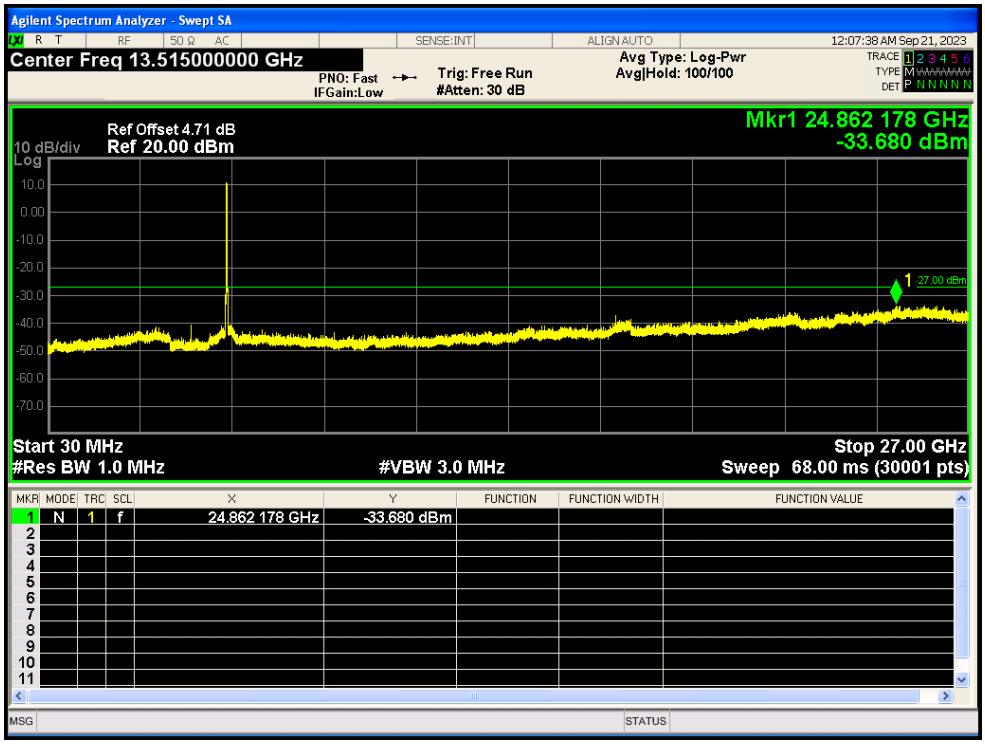
Band Edge NVNT n40 5310MHz High Ant2



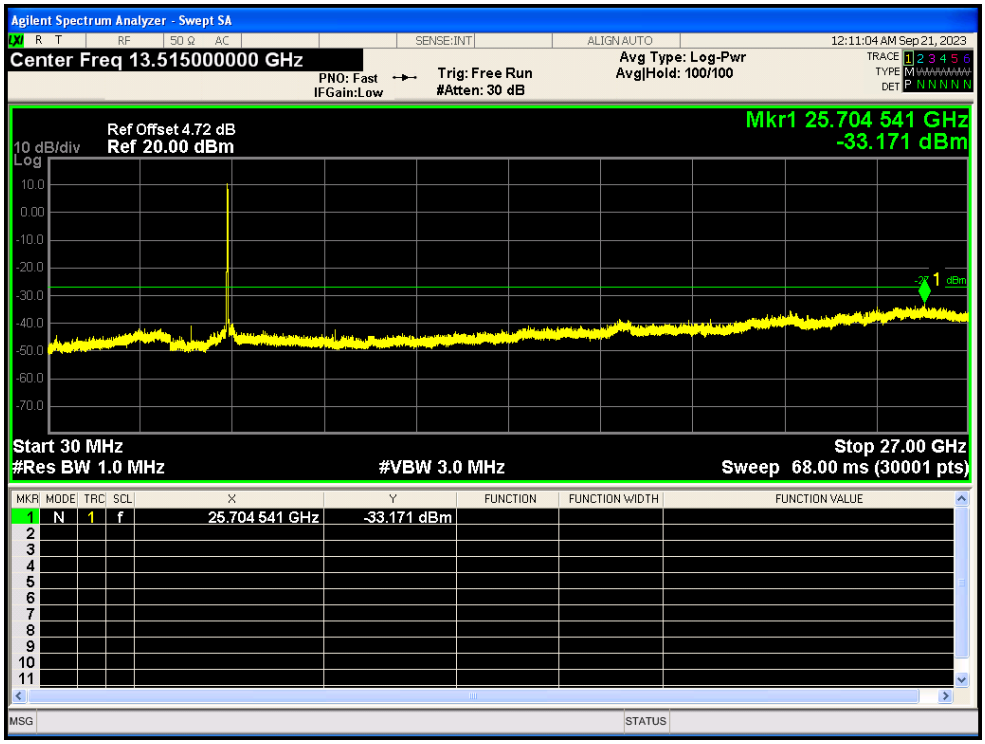
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-33.67	-27	Pass
NVNT	a	5280	Ant1	-33.17	-27	Pass
NVNT	a	5320	Ant1	-33.12	-27	Pass
NVNT	a	5260	Ant2	-33.47	-27	Pass
NVNT	a	5280	Ant2	-34.58	-27	Pass
NVNT	a	5320	Ant2	-34.24	-27	Pass
NVNT	ac20	5260	Ant1	-33.3	-27	Pass
NVNT	ac20	5280	Ant1	-32.78	-27	Pass
NVNT	ac20	5320	Ant1	-33.69	-27	Pass
NVNT	ac20	5260	Ant2	-34.83	-27	Pass
NVNT	ac20	5280	Ant2	-34.55	-27	Pass
NVNT	ac20	5320	Ant2	-30.38	-27	Pass
NVNT	ac40	5270	Ant1	-33.75	-27	Pass
NVNT	ac40	5310	Ant1	-33.66	-27	Pass
NVNT	ac40	5270	Ant2	-33.99	-27	Pass
NVNT	ac40	5310	Ant2	-34.15	-27	Pass
NVNT	ac80	5290	Ant1	-34.09	-27	Pass
NVNT	ac80	5290	Ant2	-34.53	-27	Pass
NVNT	n20	5260	Ant1	-33.36	-27	Pass
NVNT	n20	5280	Ant1	-33.88	-27	Pass
NVNT	n20	5320	Ant1	-33.96	-27	Pass
NVNT	n20	5260	Ant2	-35	-27	Pass
NVNT	n20	5280	Ant2	-34.34	-27	Pass
NVNT	n20	5320	Ant2	-34.71	-27	Pass
NVNT	n40	5270	Ant1	-33.37	-27	Pass
NVNT	n40	5310	Ant1	-33.61	-27	Pass
NVNT	n40	5270	Ant2	-34.24	-27	Pass
NVNT	n40	5310	Ant2	-33.91	-27	Pass

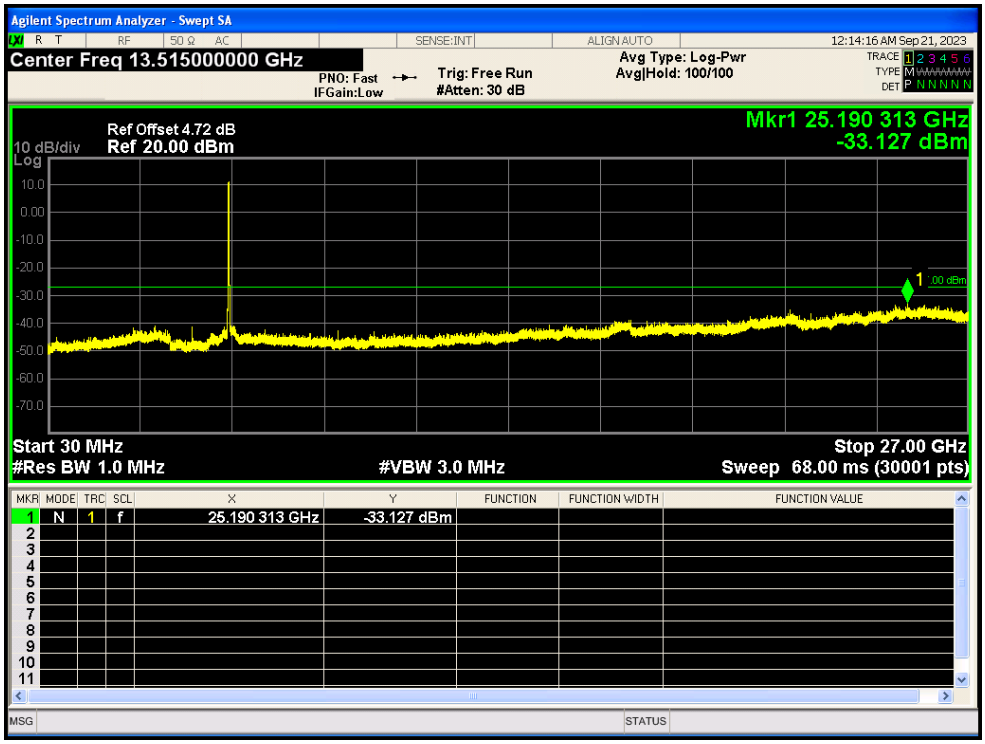
Tx. Spurious NVNT a 5260MHz Ant1 Emission



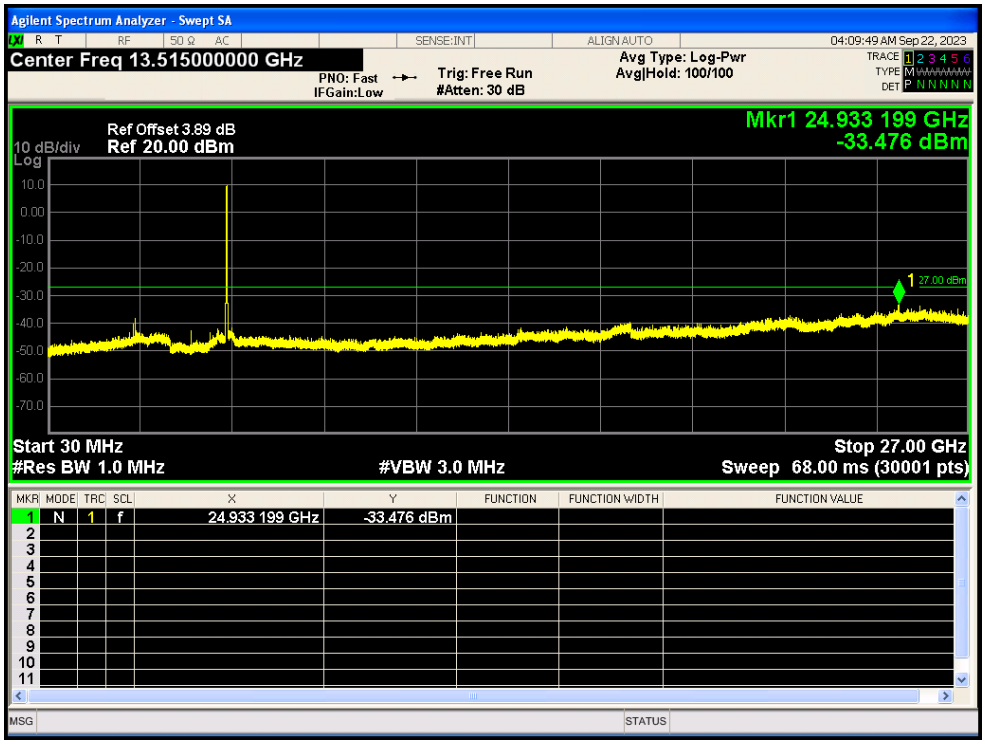
Tx. Spurious NVNT a 5280MHz Ant1 Emission



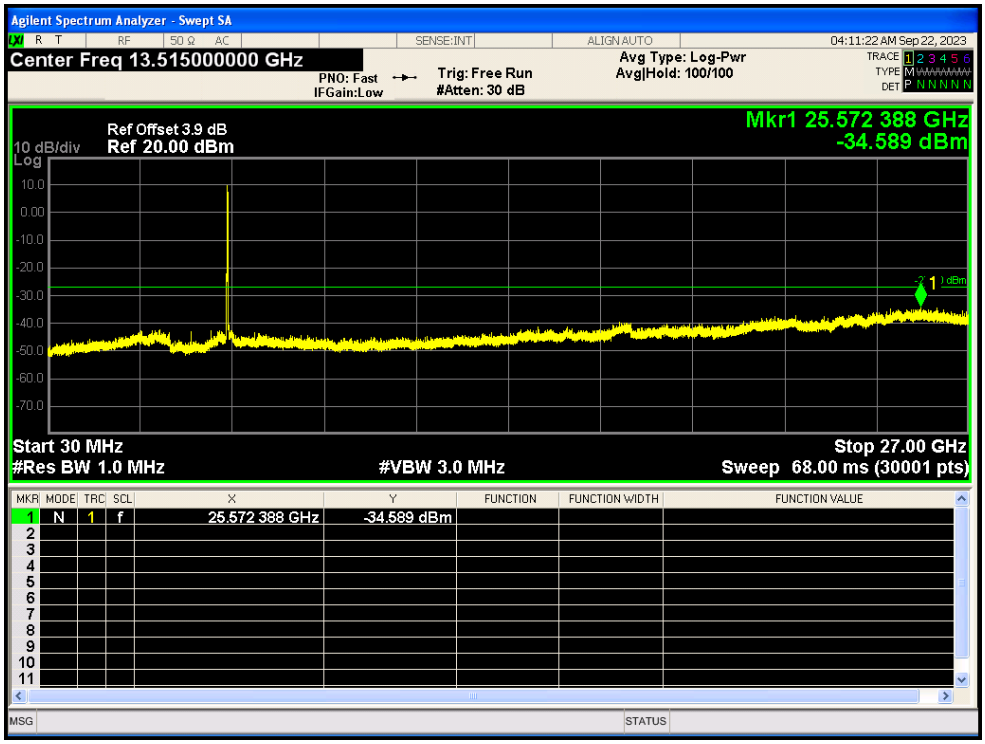
Tx. Spurious NVNT a 5320MHz Ant1 Emission



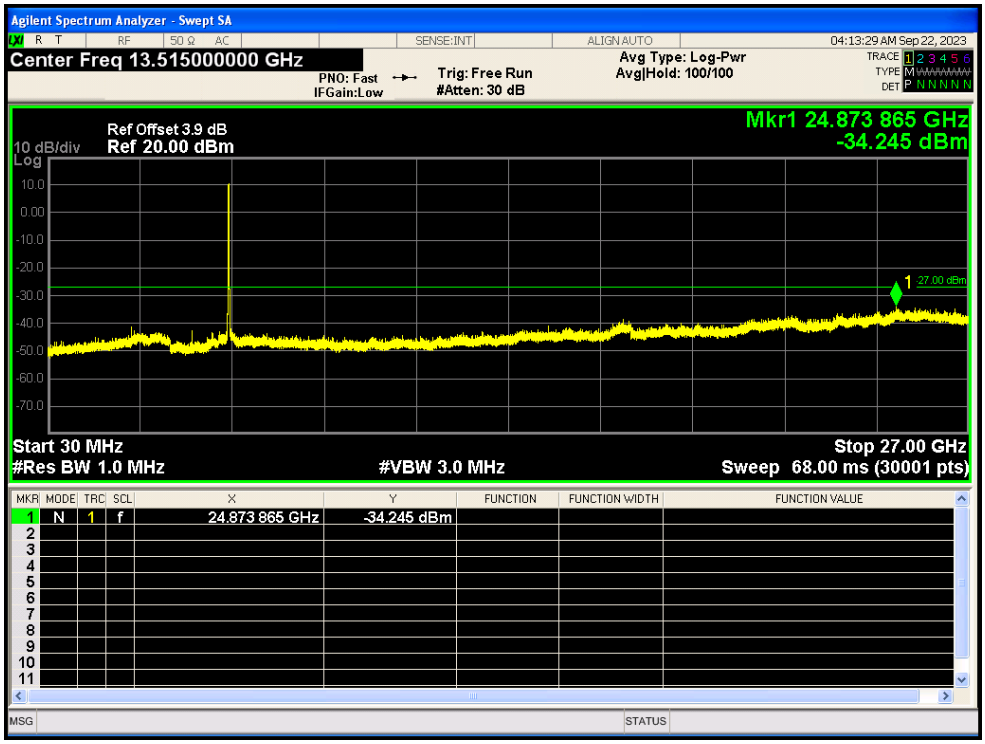
Tx. Spurious NVNT a 5260MHz Ant2 Emission



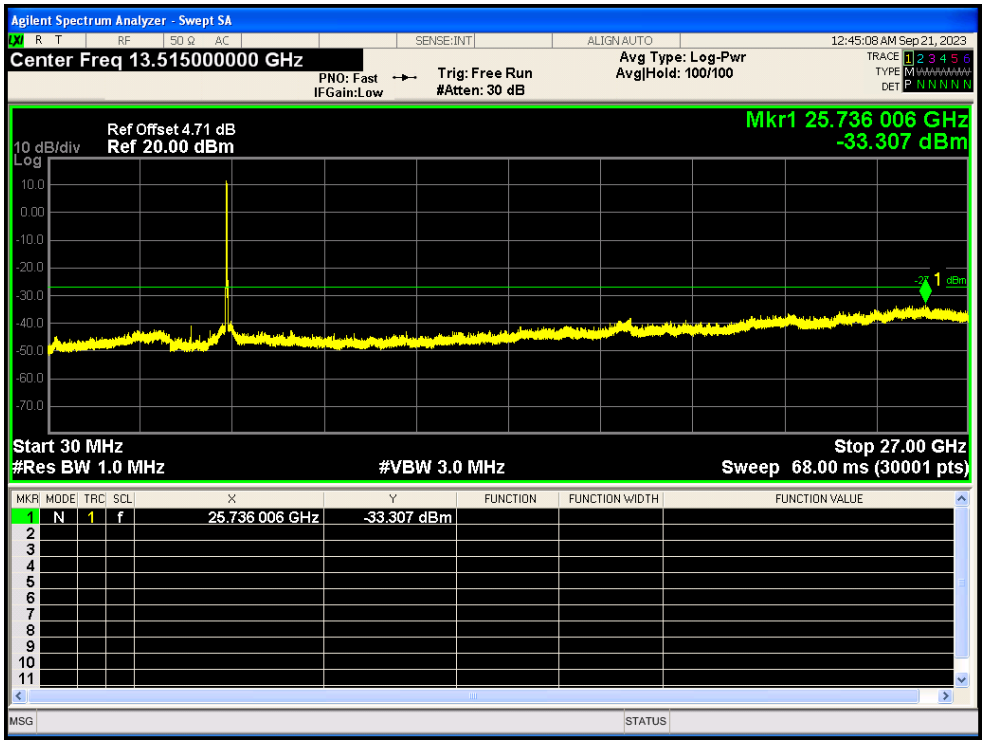
Tx. Spurious NVNT a 5280MHz Ant2 Emission



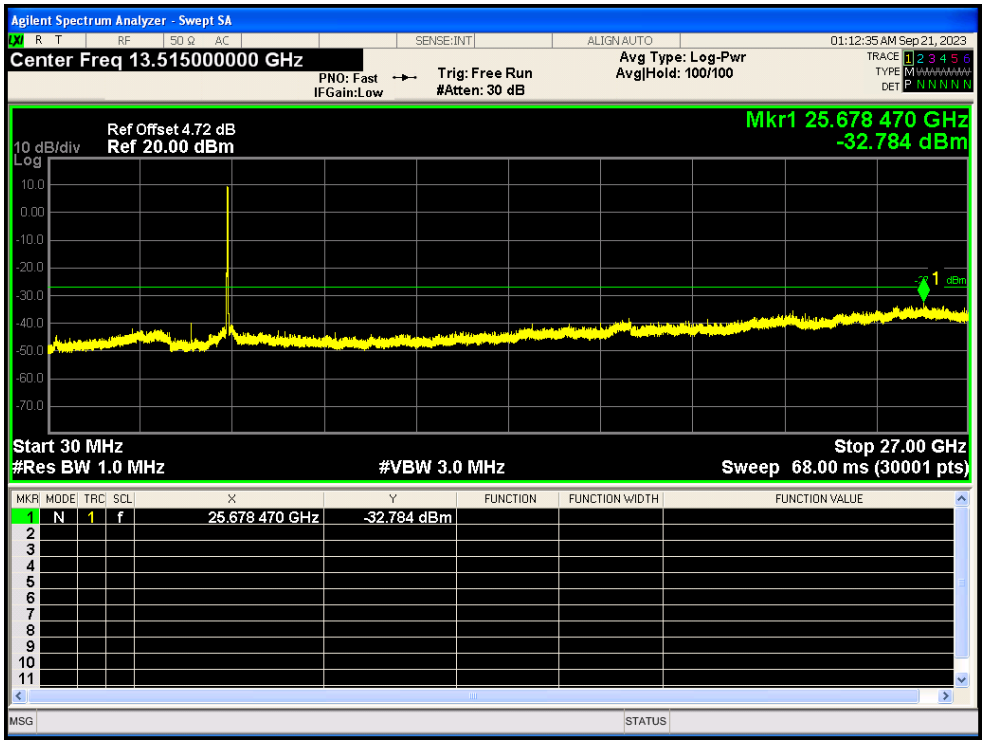
Tx. Spurious NVNT a 5320MHz Ant2 Emission



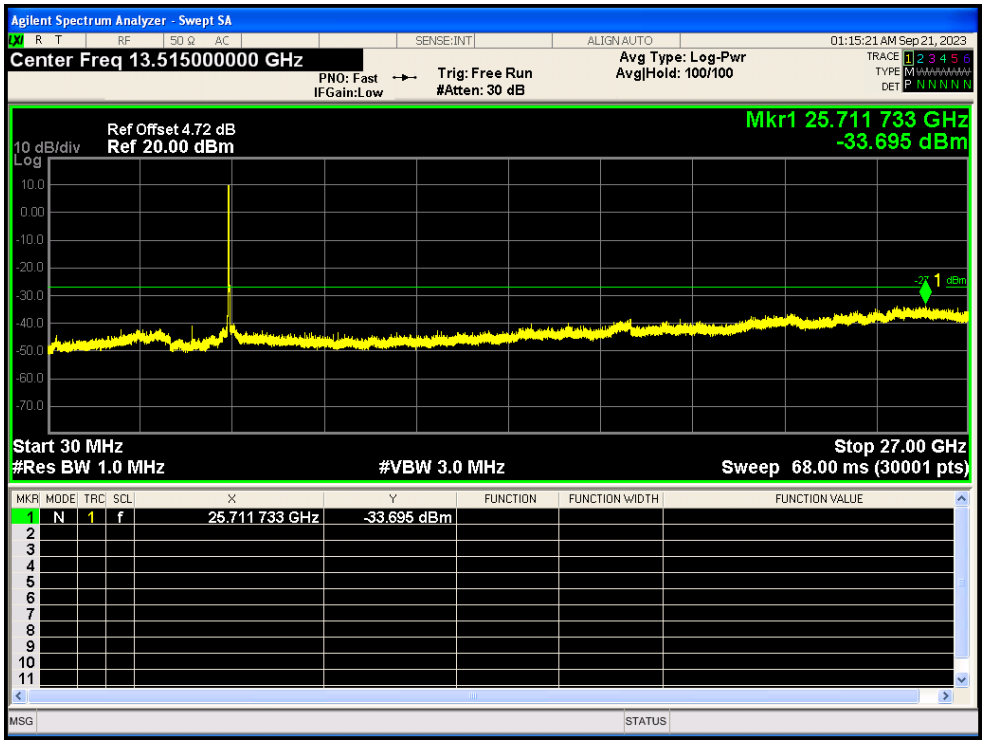
Tx. Spurious NVNT ac20 5260MHz Ant1 Emission



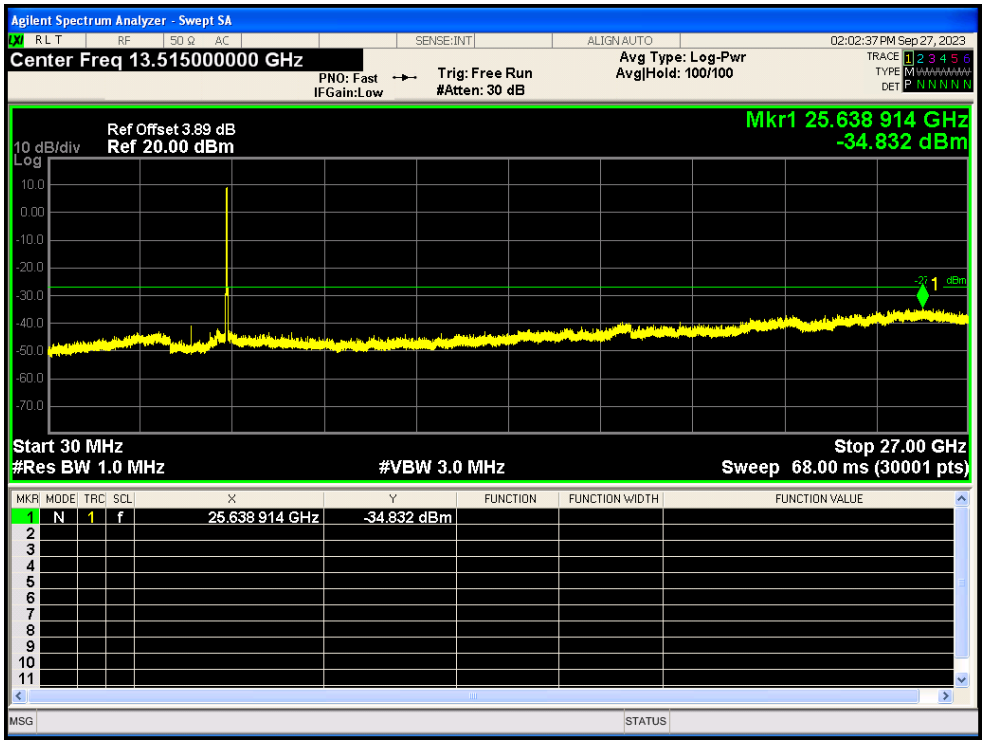
Tx. Spurious NVNT ac20 5280MHz Ant1 Emission



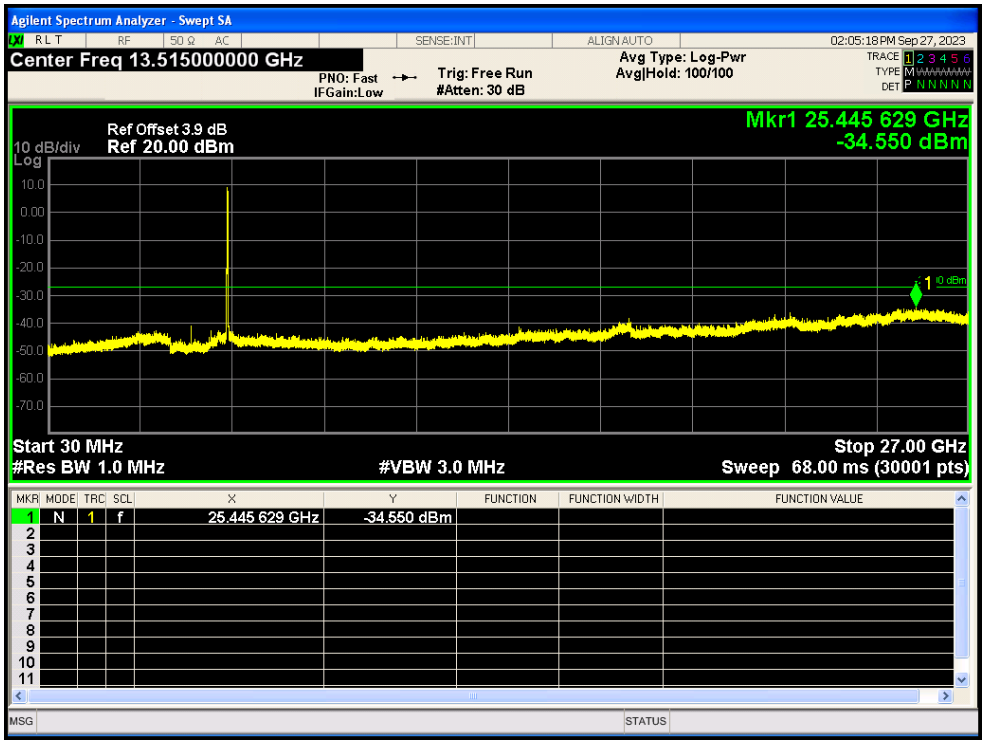
Tx. Spurious NVNT ac20 5320MHz Ant1 Emission



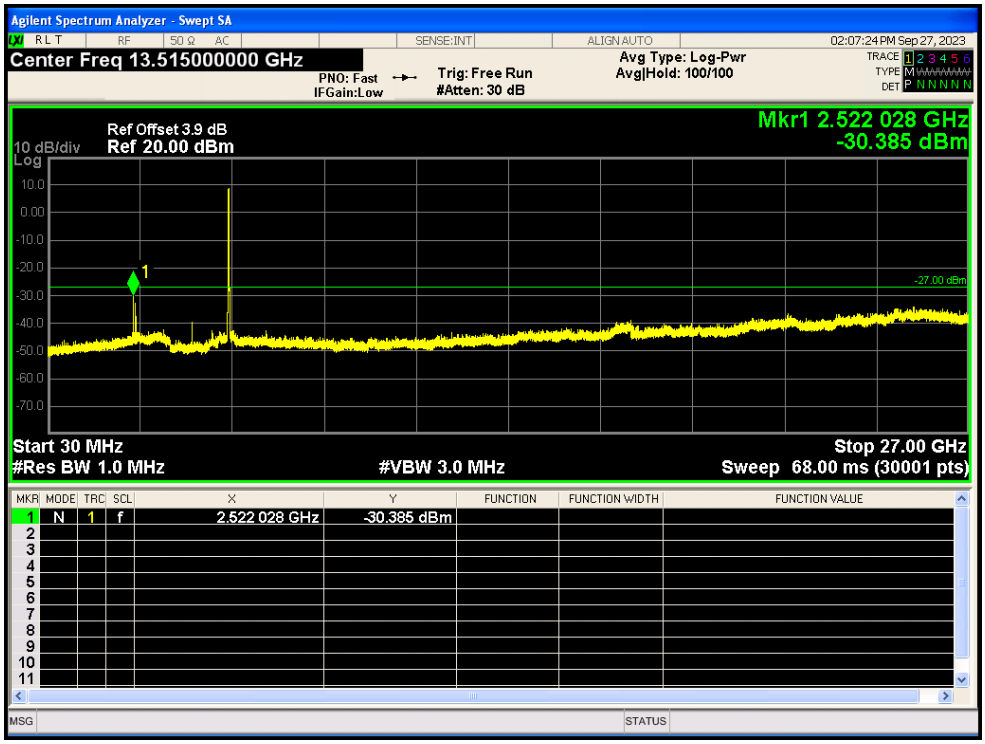
Tx. Spurious NVNT ac20 5260MHz Ant2 Emission



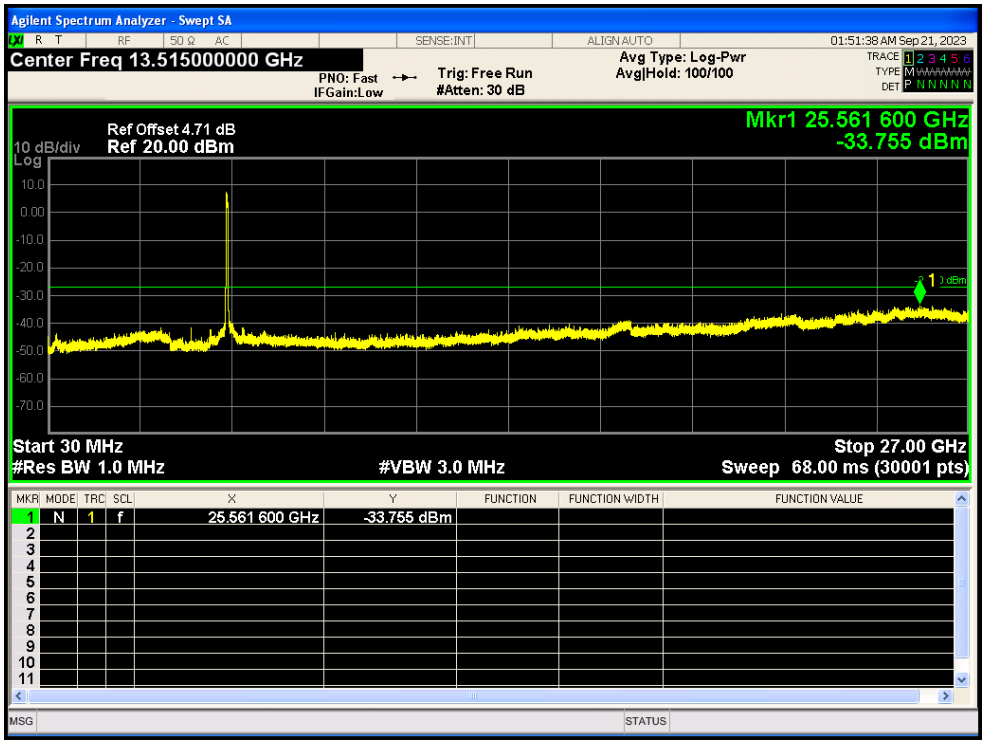
Tx. Spurious NVNT ac20 5280MHz Ant2 Emission



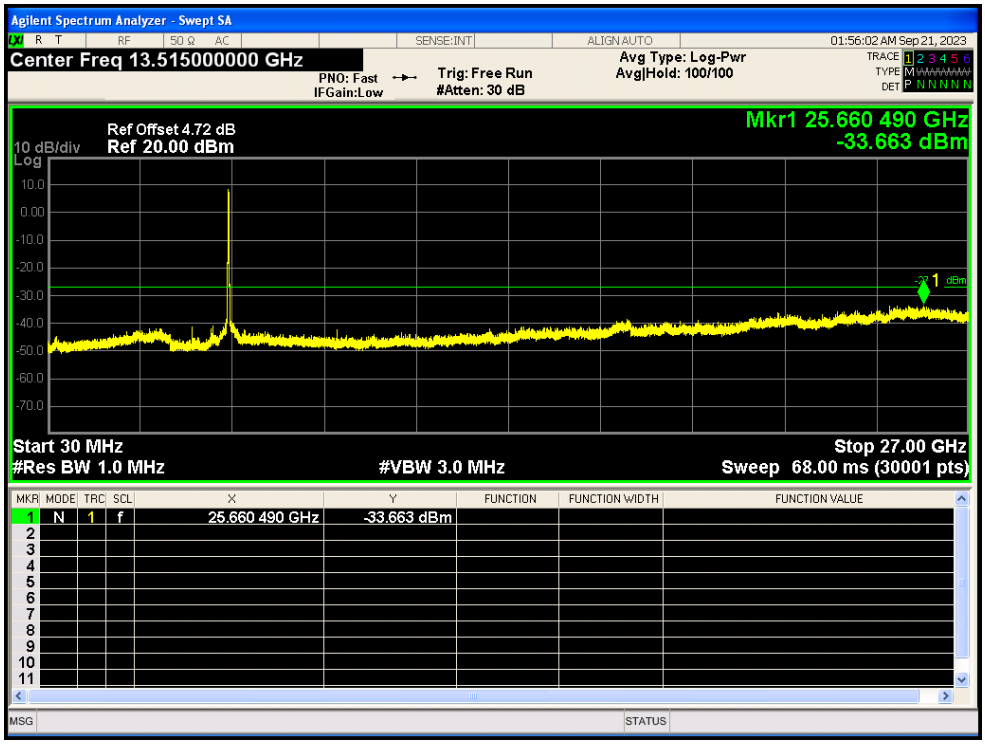
Tx. Spurious NVNT ac20 5320MHz Ant2 Emission



Tx. Spurious NVNT ac40 5270MHz Ant1 Emission



Tx. Spurious NVNT ac40 5310MHz Ant1 Emission



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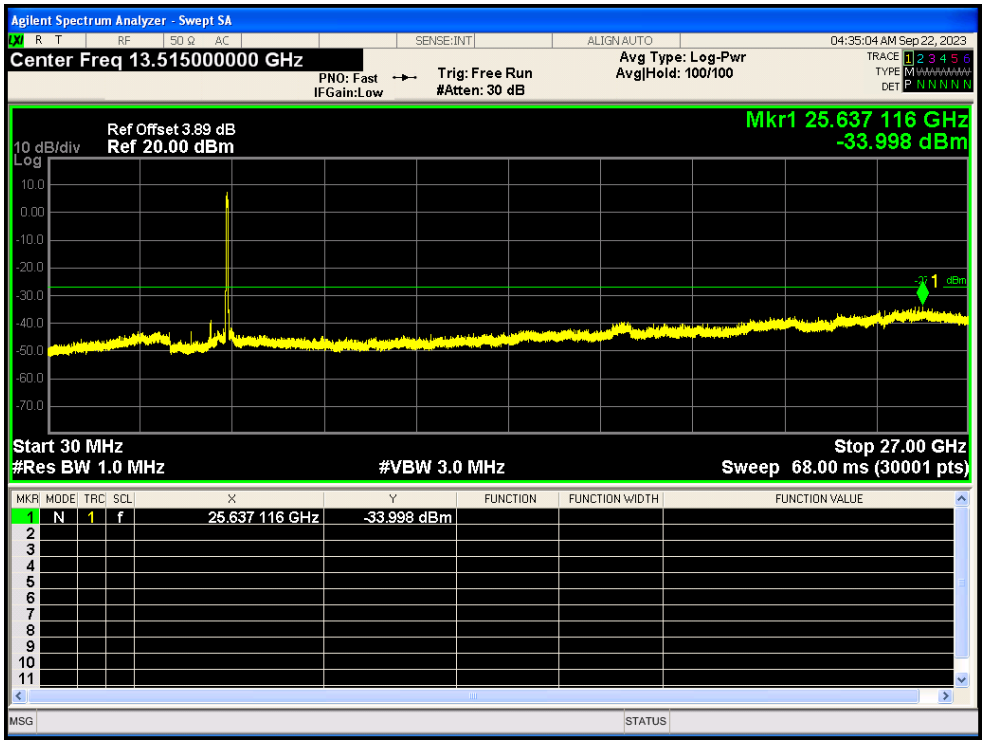

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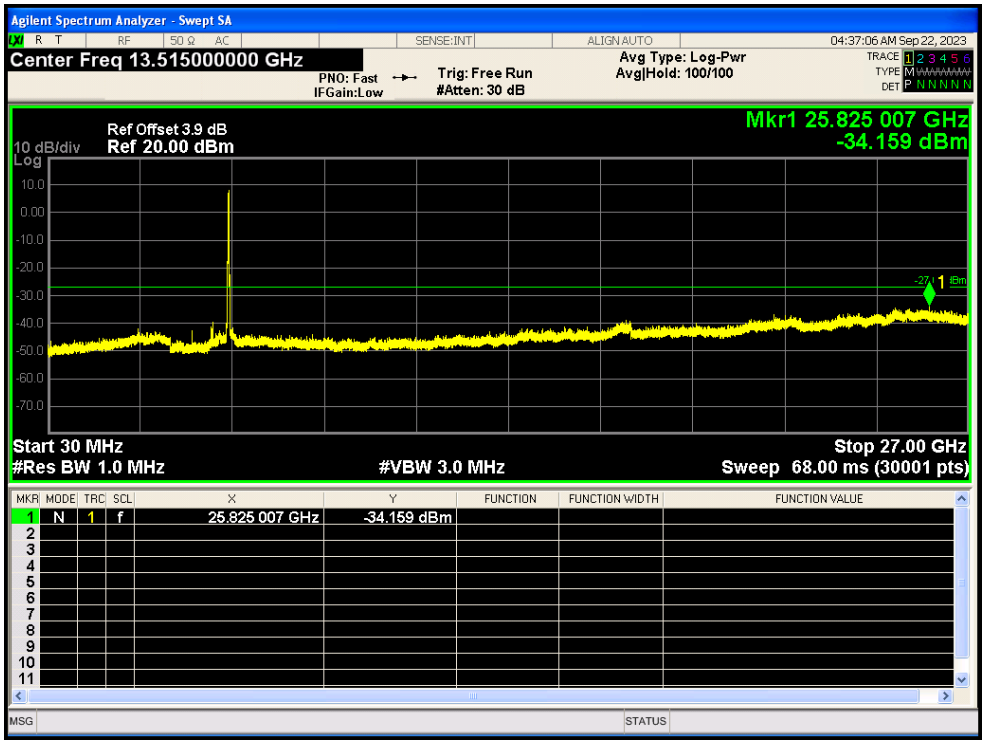
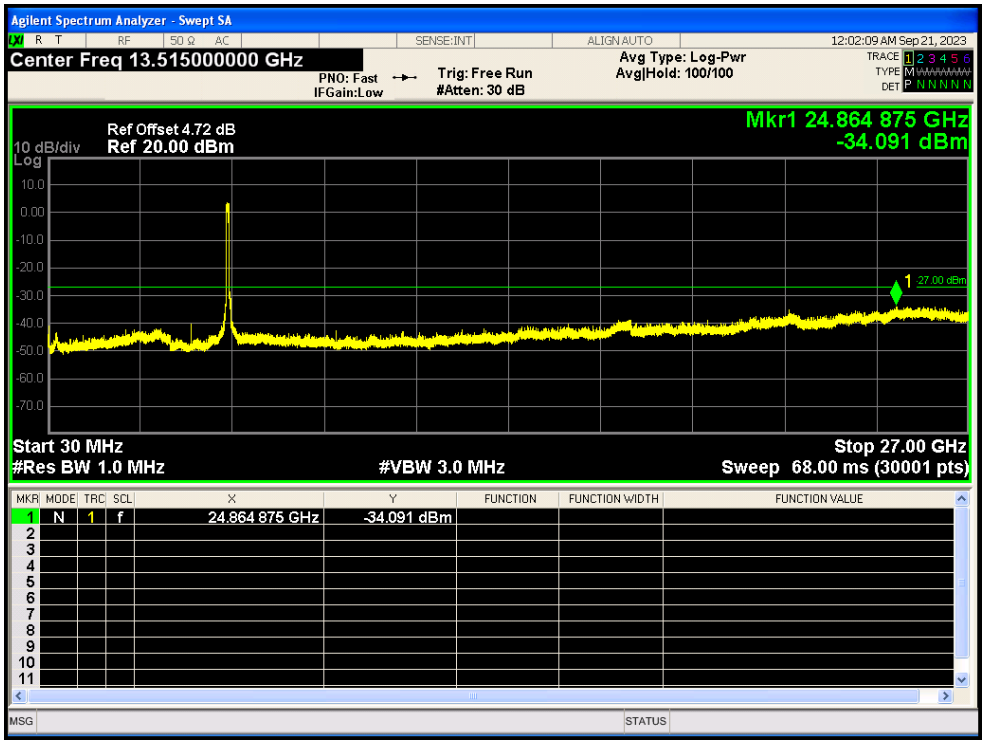
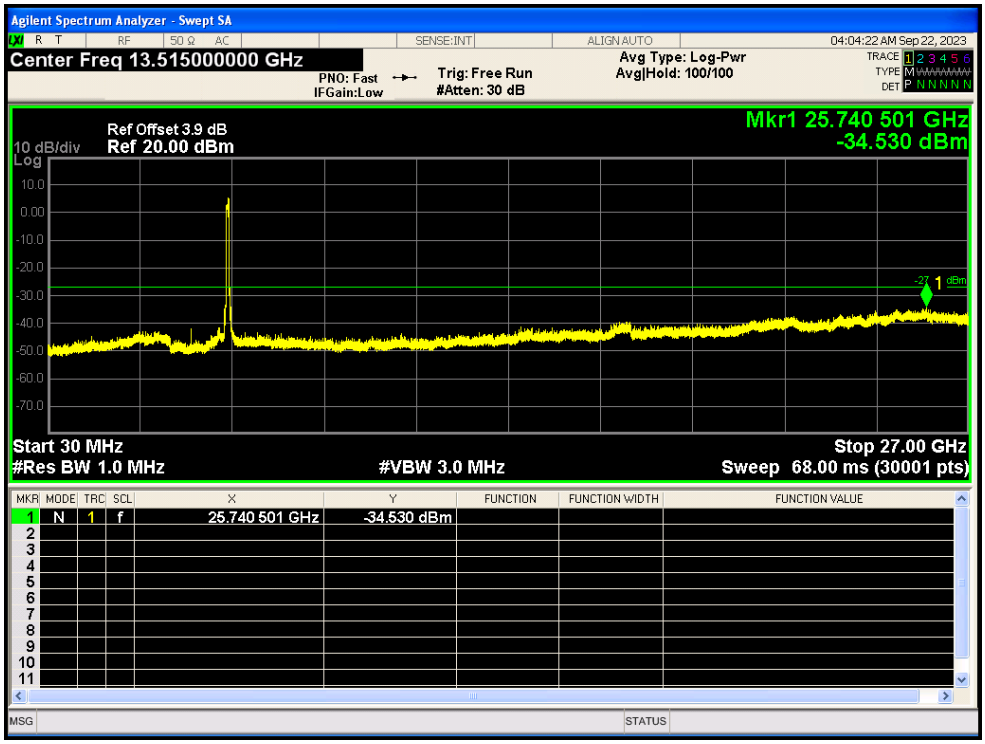


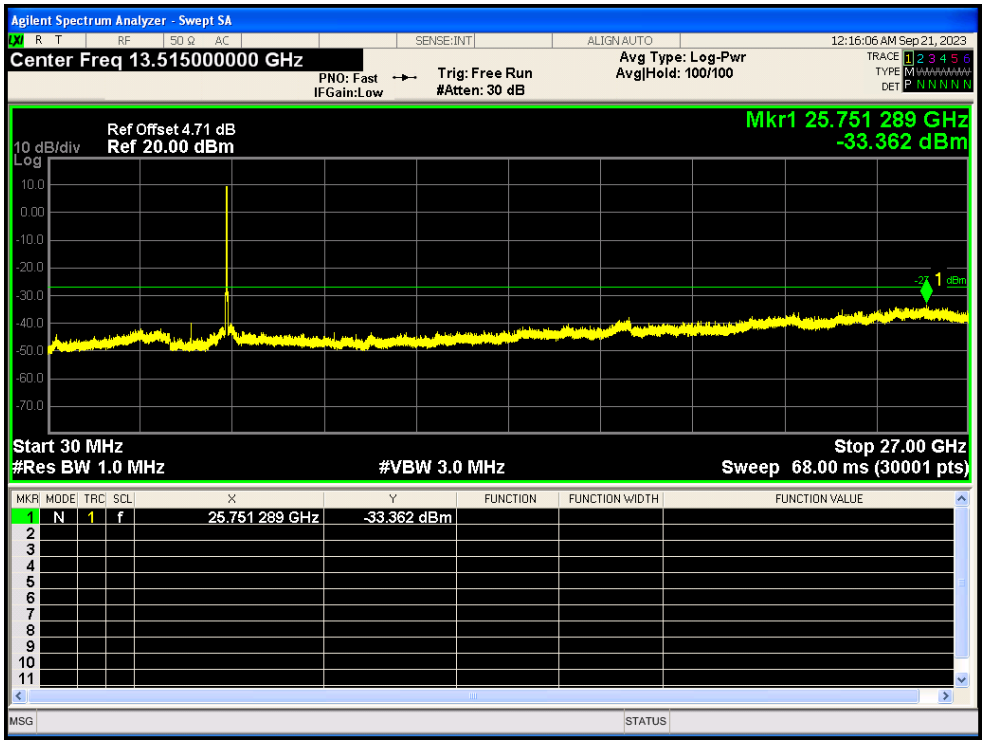
Tx. Spurious NVNT ac80 5290MHz Ant1 Emission



Tx. Spurious NVNT ac80 5290MHz Ant2 Emission



Tx. Spurious NVNT n20 5260MHz Ant1 Emission



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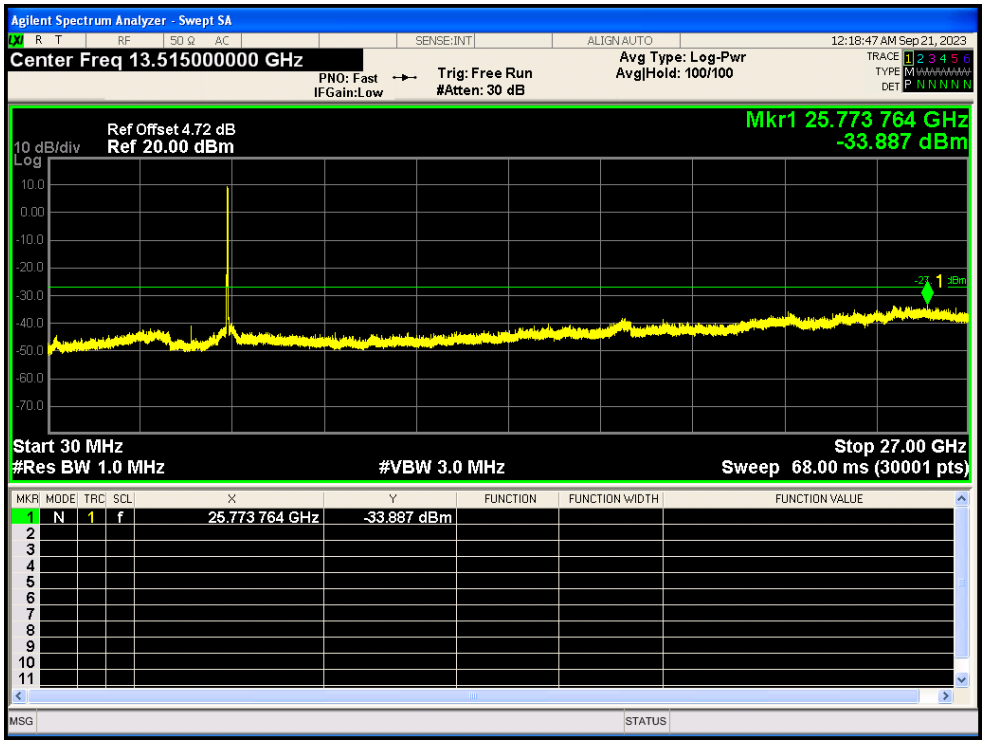

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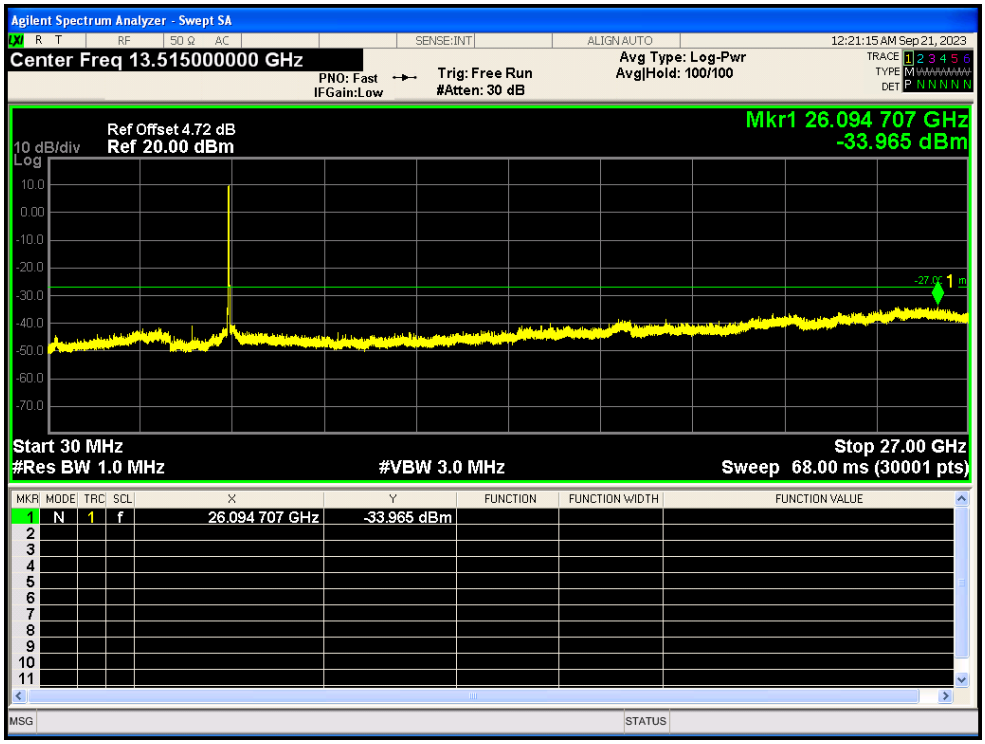
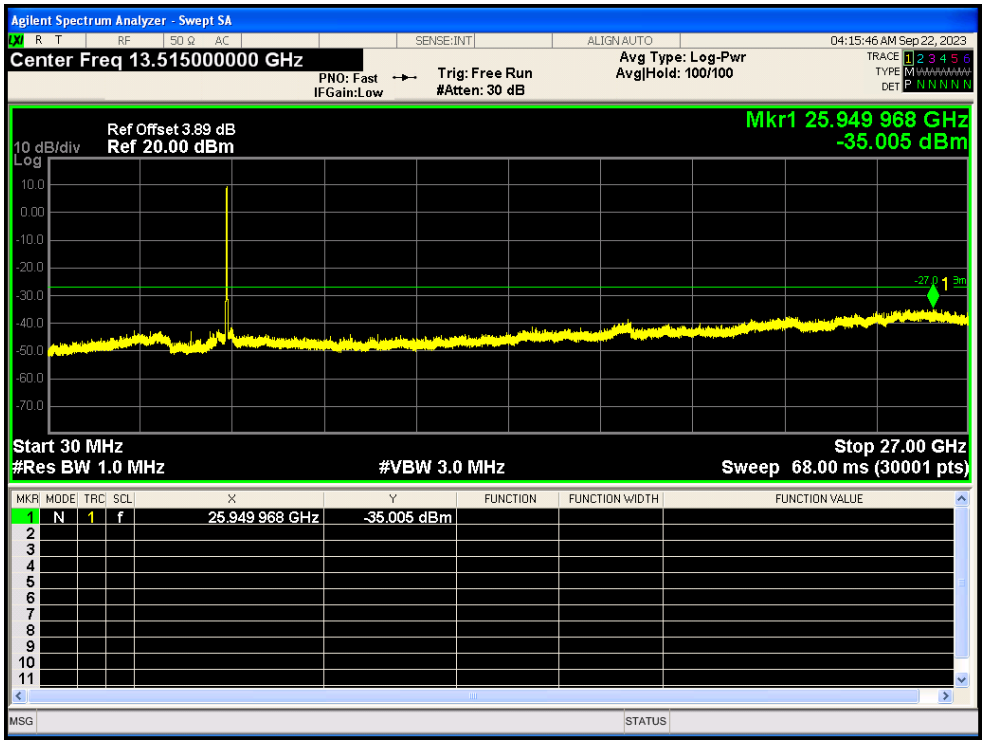
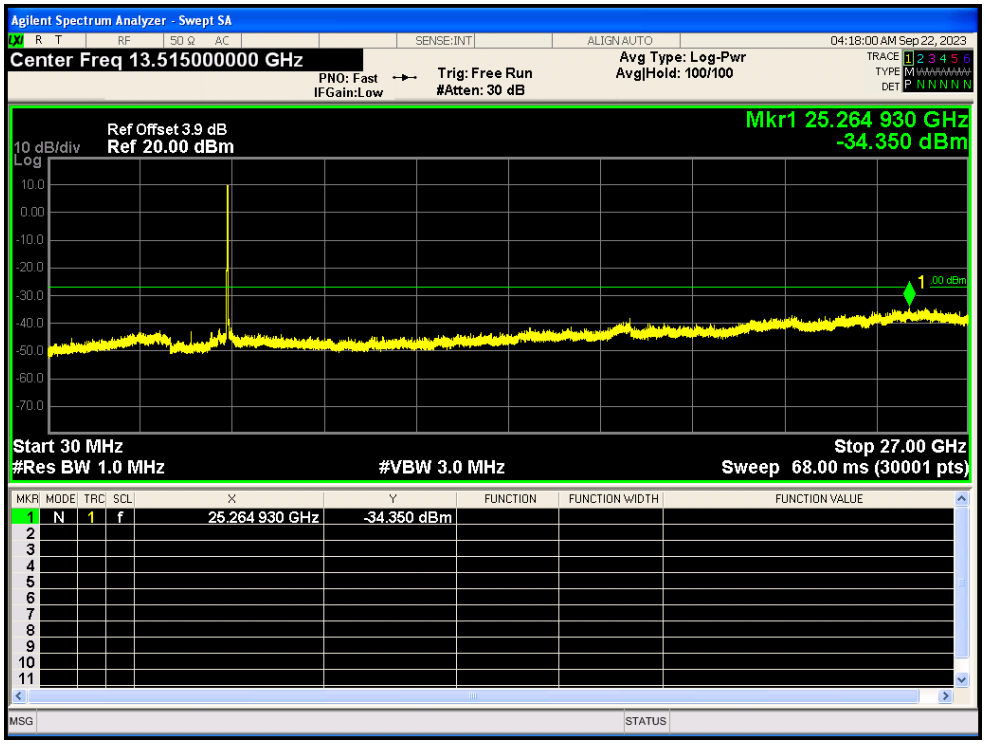


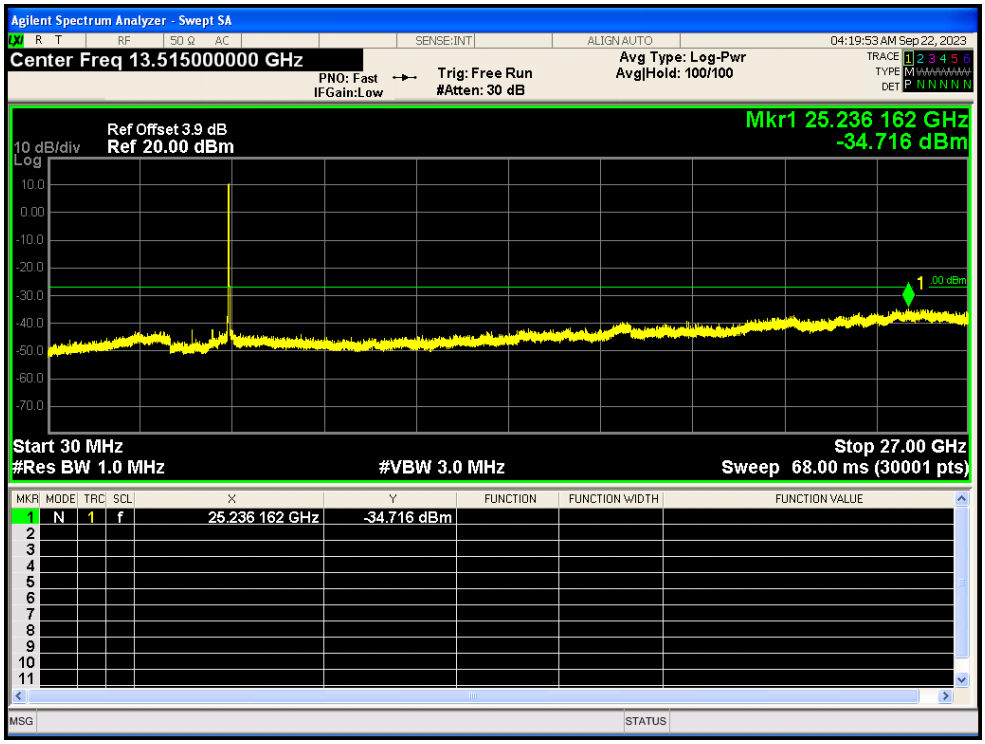
Tx. Spurious NVNT n20 5260MHz Ant2 Emission



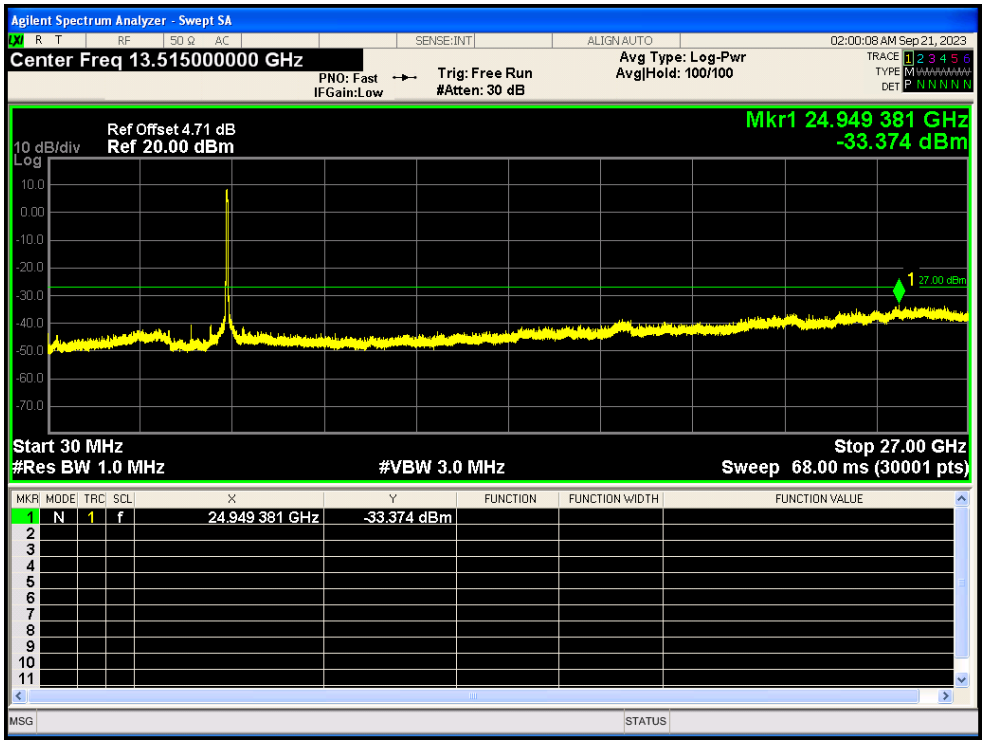
Tx. Spurious NVNT n20 5280MHz Ant2 Emission



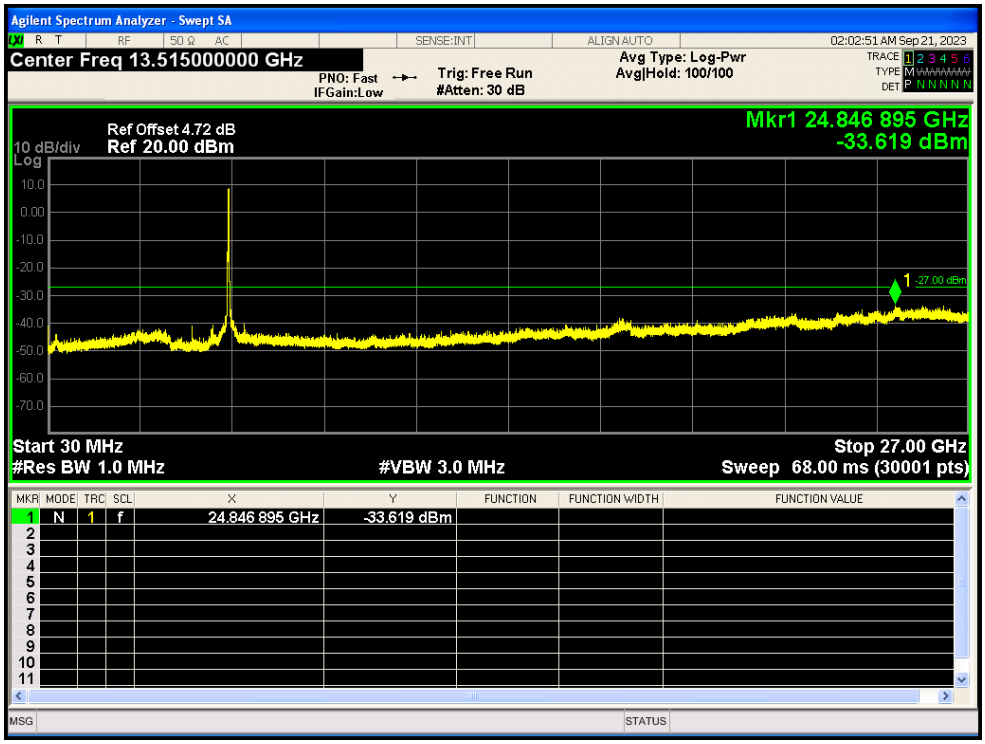
Tx. Spurious NVNT n20 5320MHz Ant2 Emission



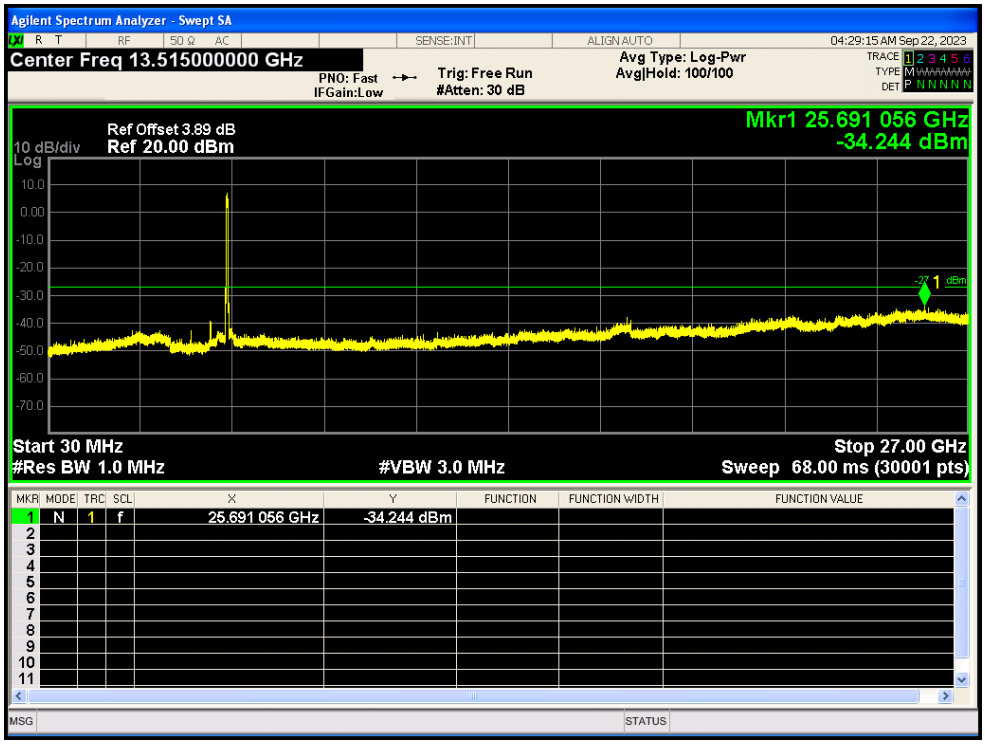
Tx. Spurious NVNT n40 5270MHz Ant1 Emission



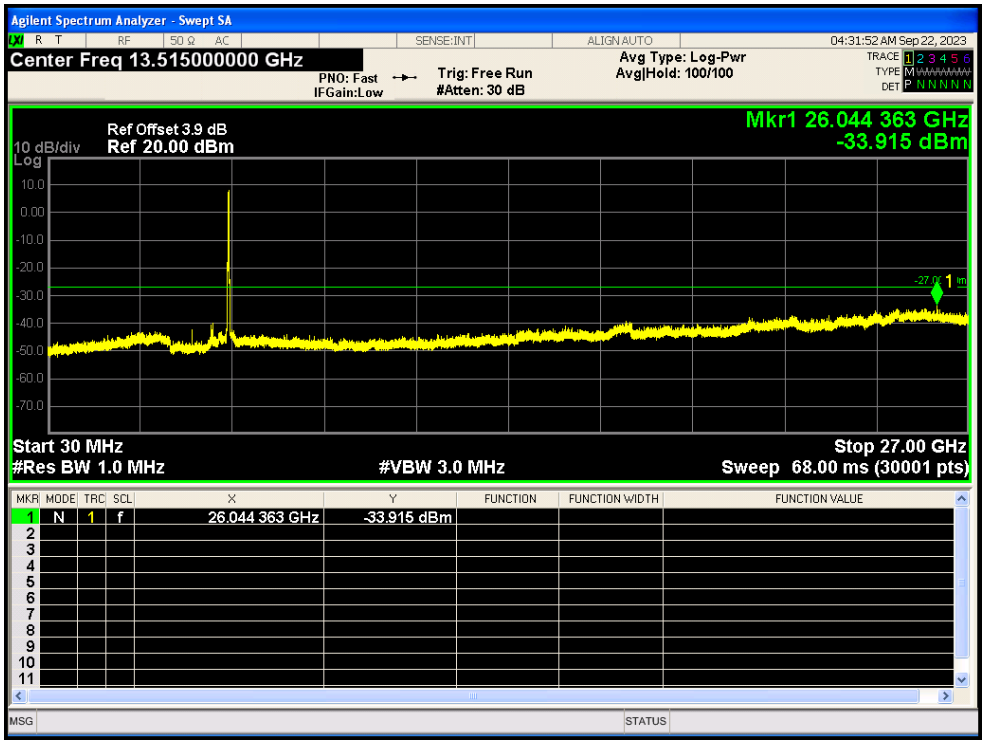
Tx. Spurious NVNT n40 5310MHz Ant1 Emission



Tx. Spurious NVNT n40 5270MHz Ant2 Emission



Tx. Spurious NVNT n40 5310MHz Ant2 Emission



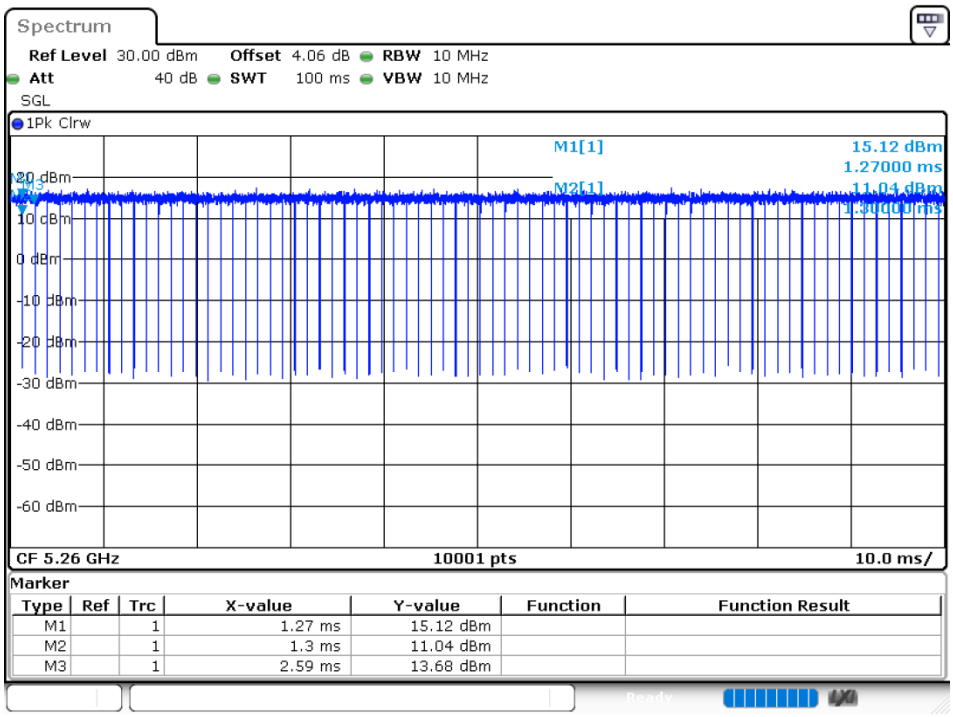
5.3G WIFI MIMO

Duty Cycle

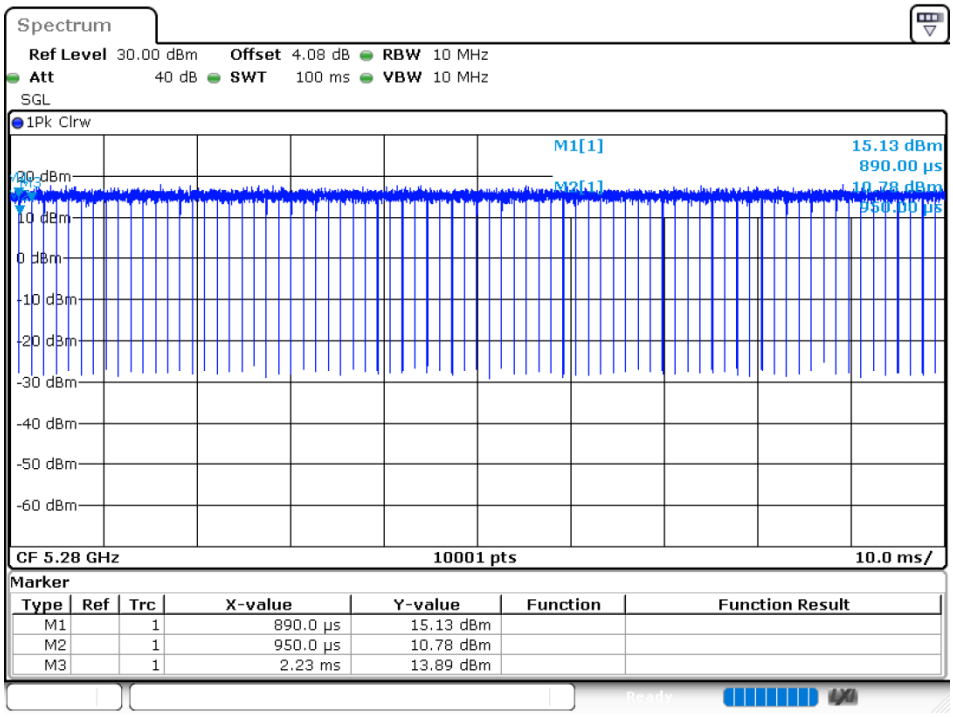
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5260	Ant1	97.63	0.1	0.78
NVNT	ac20	5280	Ant1	97.74	0.1	0.78
NVNT	ac20	5320	Ant1	97.67	0.1	0.78
NVNT	ac40	5270	Ant1	95.3	0.21	1.56
NVNT	ac40	5310	Ant1	95.28	0.21	1.56
NVNT	ac80	5290	Ant1	87.02	0.6	3.33
NVNT	n20	5260	Ant1	97.62	0.1	0.79
NVNT	n20	5280	Ant1	97.67	0.1	0.79
NVNT	n20	5320	Ant1	97.65	0.1	0.79
NVNT	n40	5270	Ant1	95.41	0.2	1.59
NVNT	n40	5310	Ant1	95.32	0.21	1.59

Test Graphs

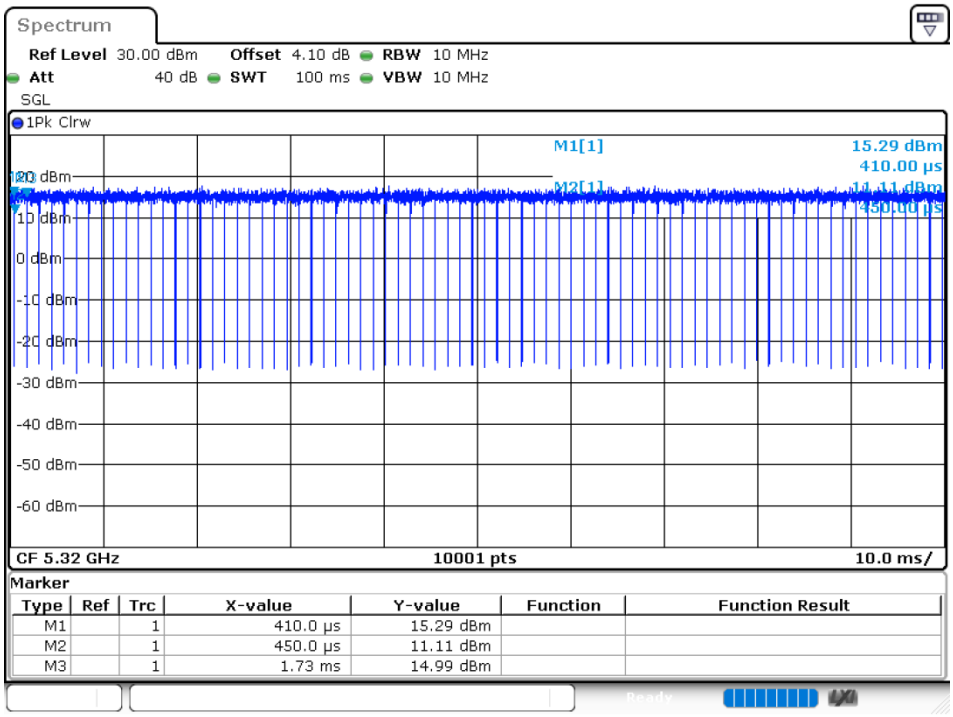
Duty Cycle NVNT ac20 5260MHz Sum



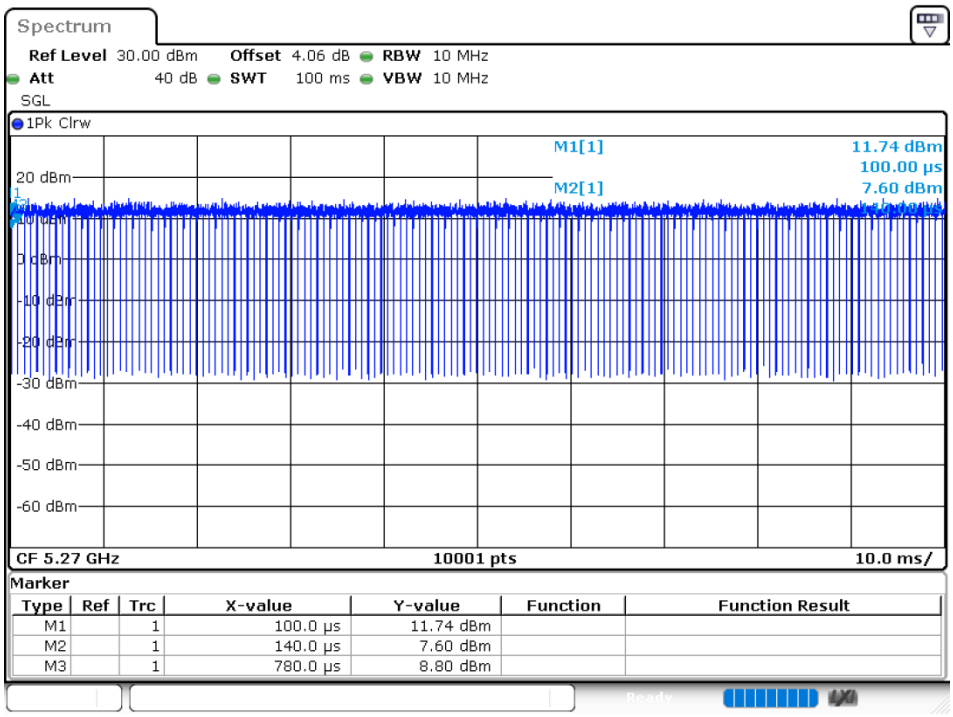
Duty Cycle NVNT ac20 5280MHz Sum



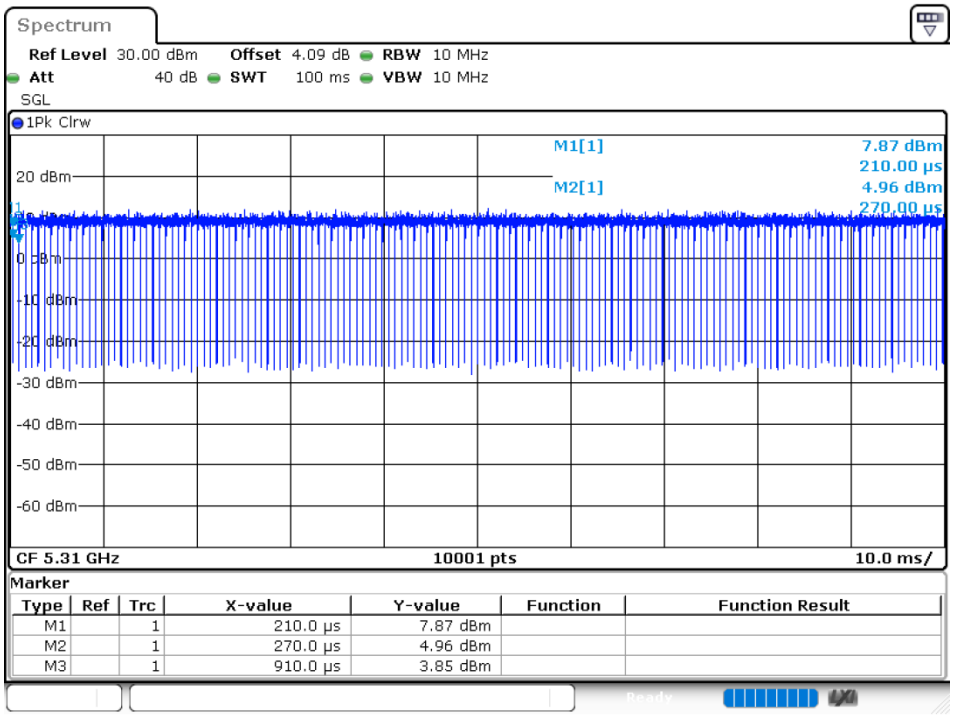
Duty Cycle NVNT ac20 5320MHz Sum



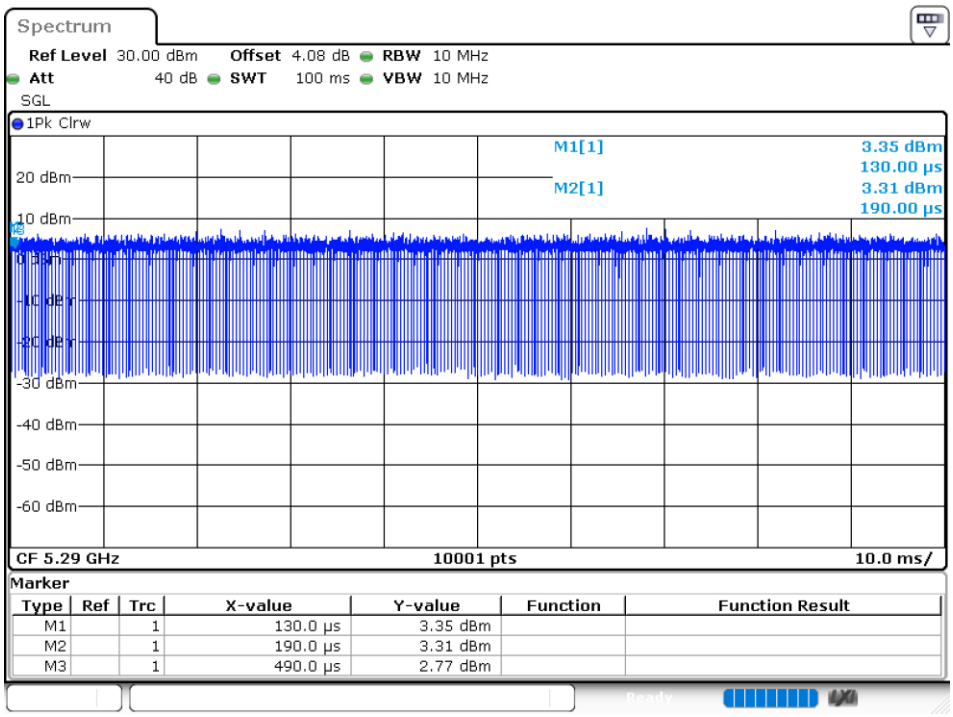
Duty Cycle NVNT ac40 5270MHz Sum



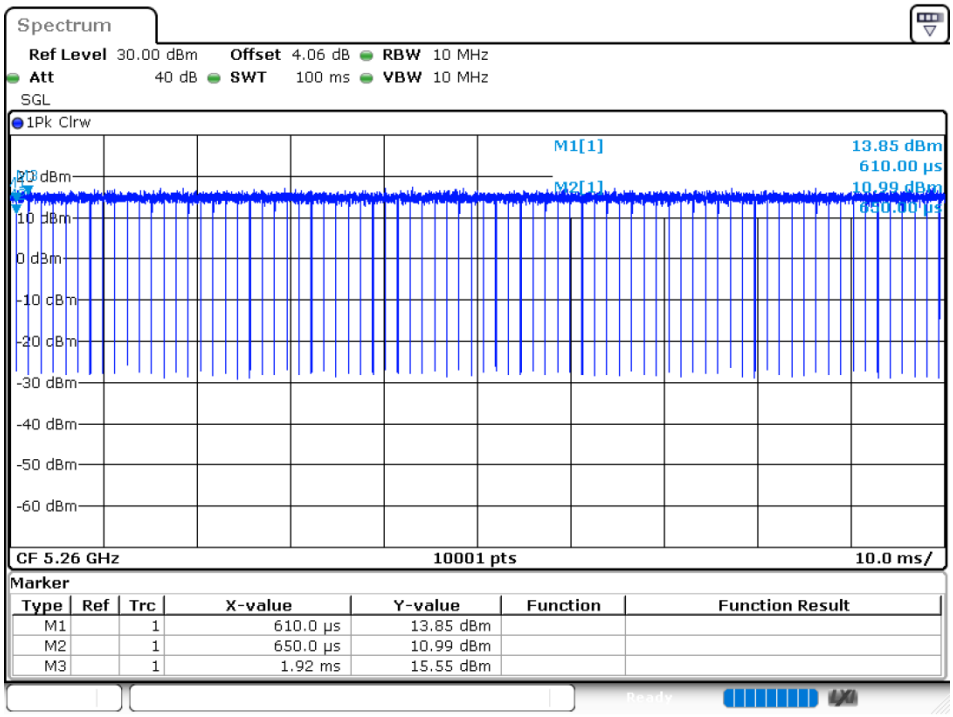
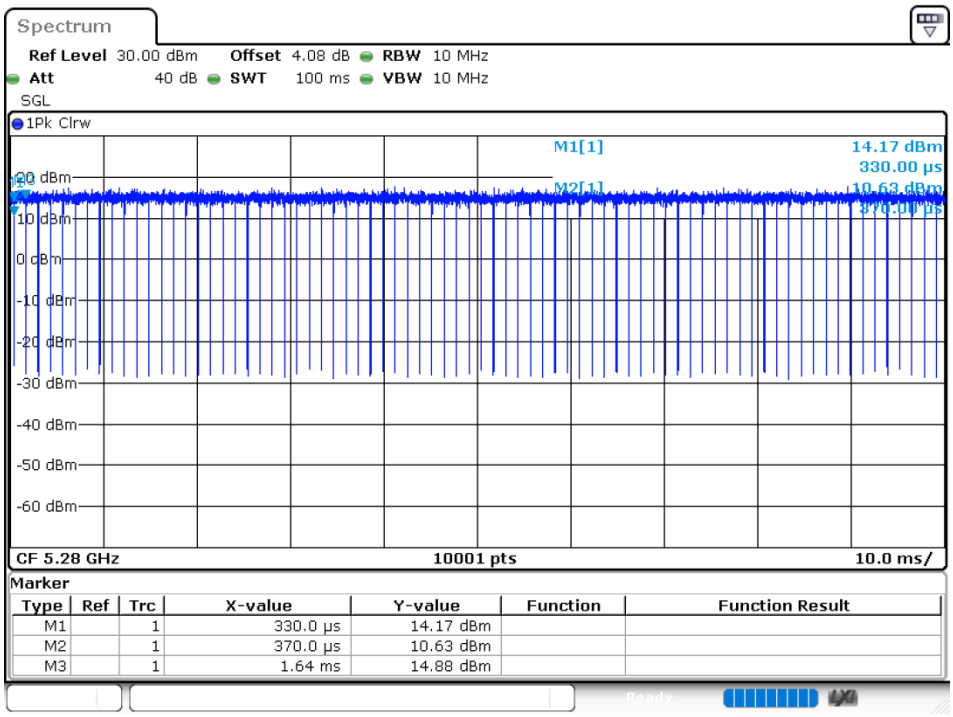
Duty Cycle NVNT ac40 5310MHz Sum



Duty Cycle NVNT ac80 5290MHz Sum



Duty Cycle NVNT n20 5260MHz Sum



Duty Cycle NVNT n20 5280MHz Sum