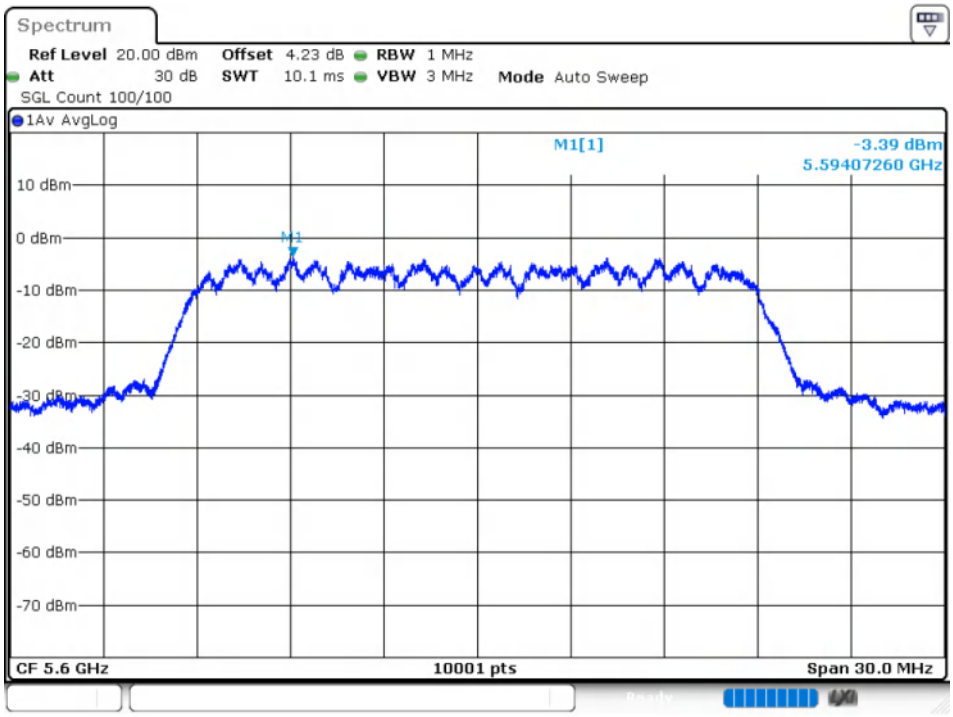
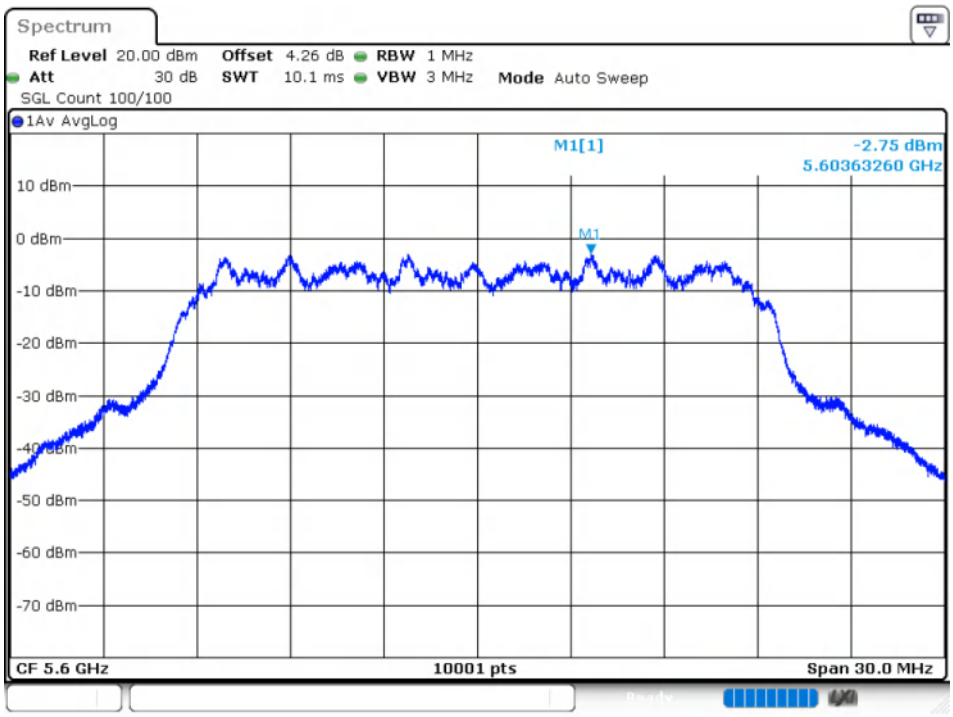
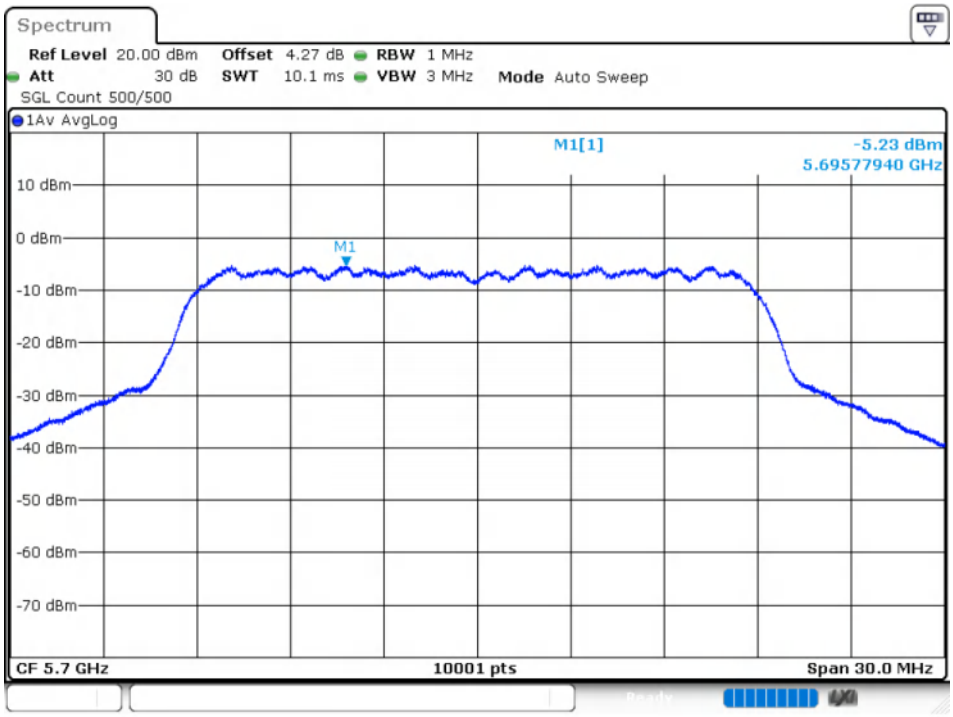
PSD NVNT n20 5600MHz Ant1



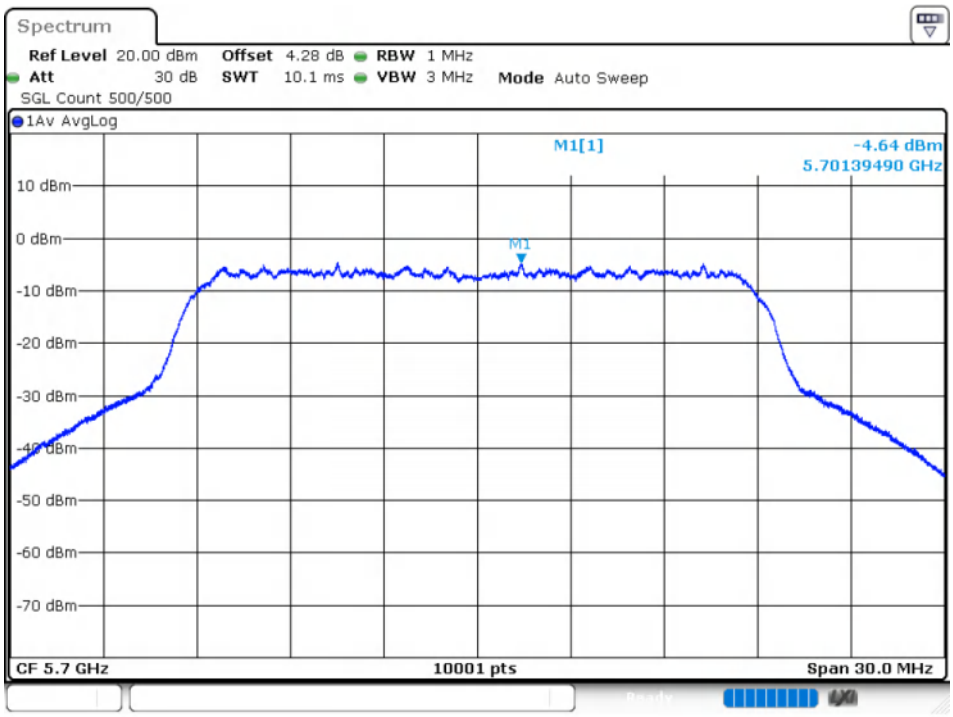
PSD NVNT n20 5600MHz Ant2



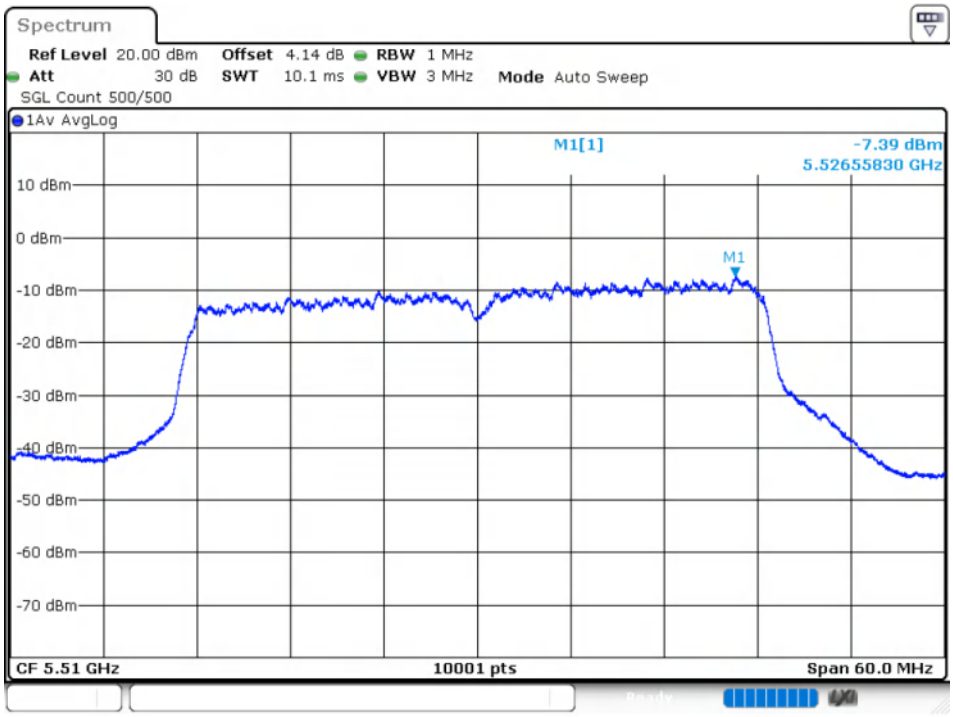
PSD NVNT n20 5700MHz Ant1



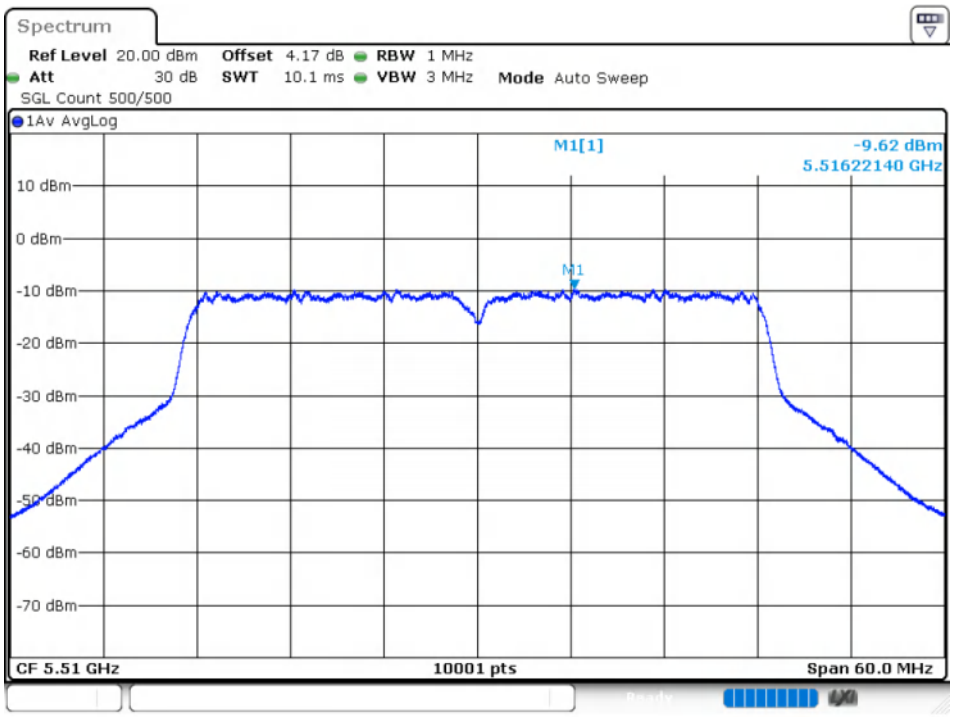
PSD NVNT n20 5700MHz Ant2



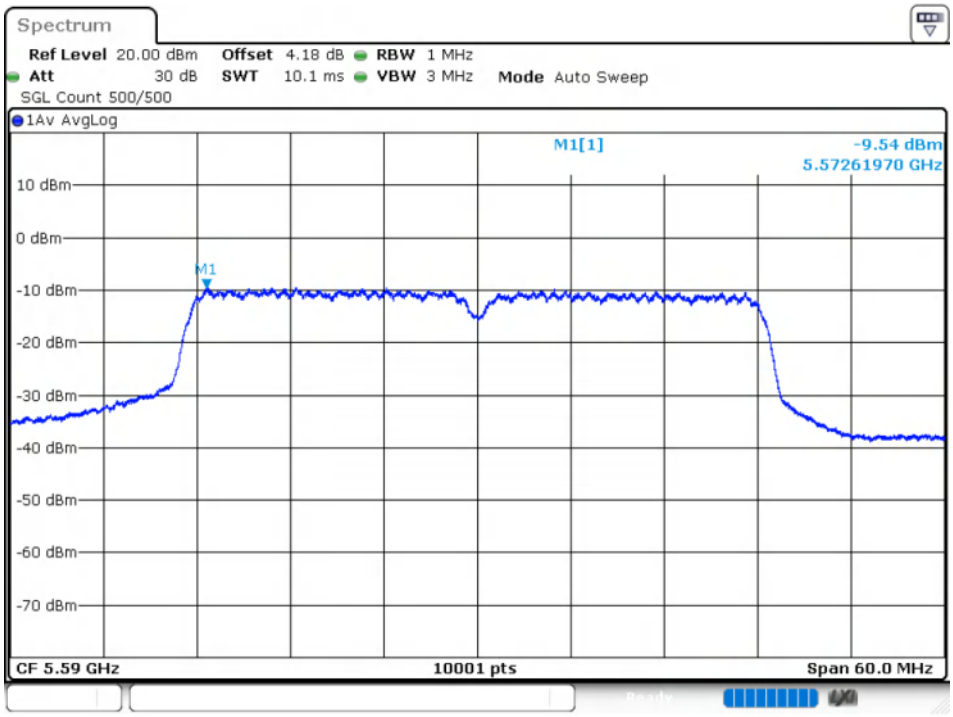
PSD NVNT n40 5510MHz Ant1



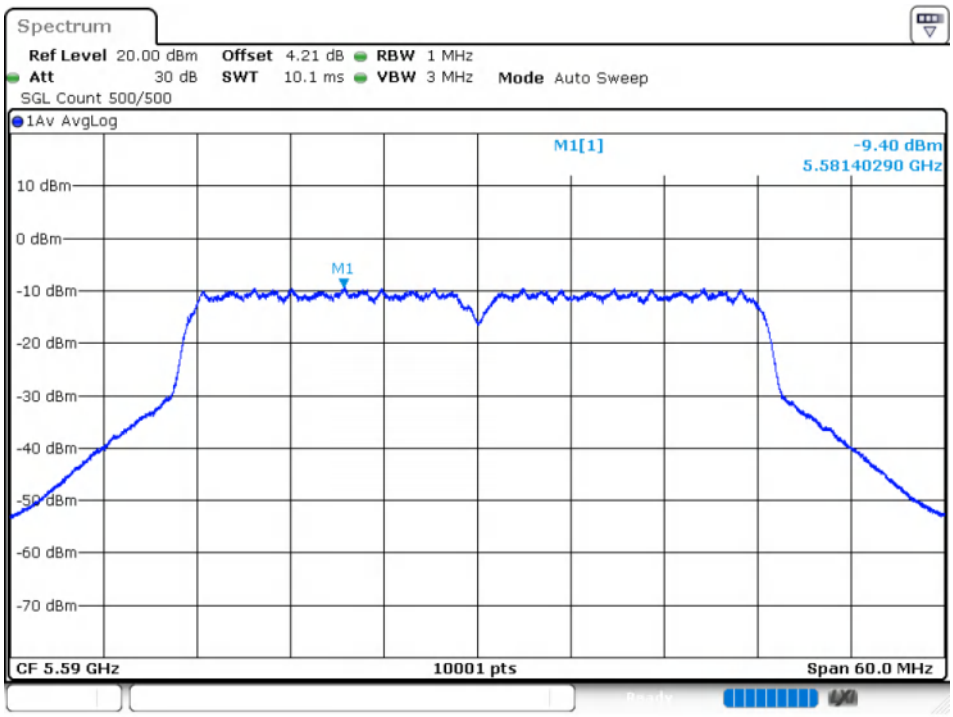
PSD NVNT n40 5510MHz Ant2



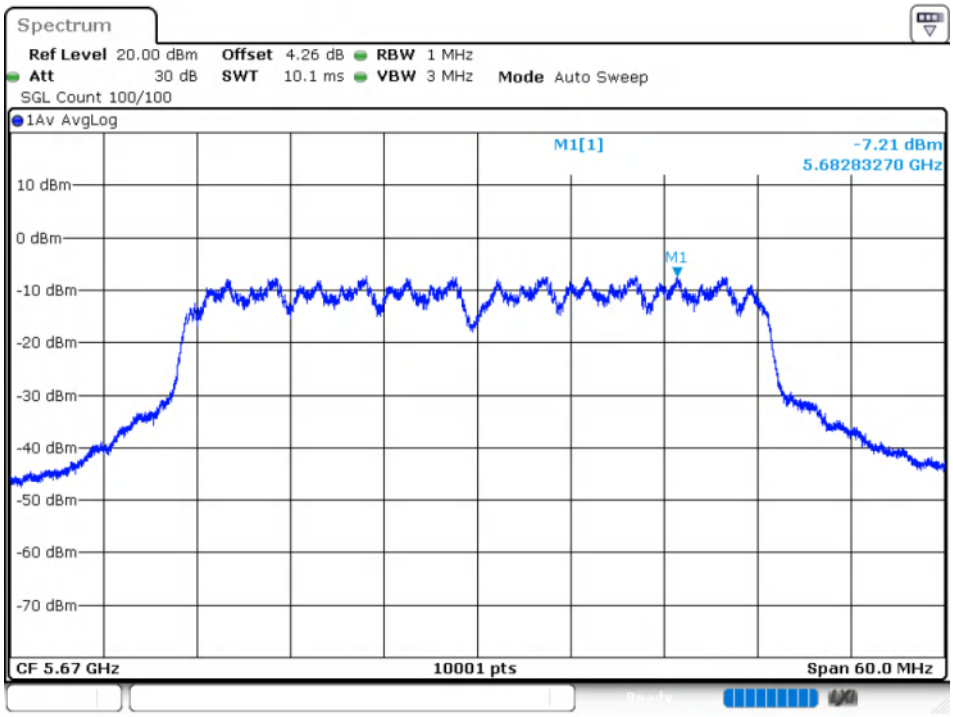
PSD NVNT n40 5590MHz Ant1



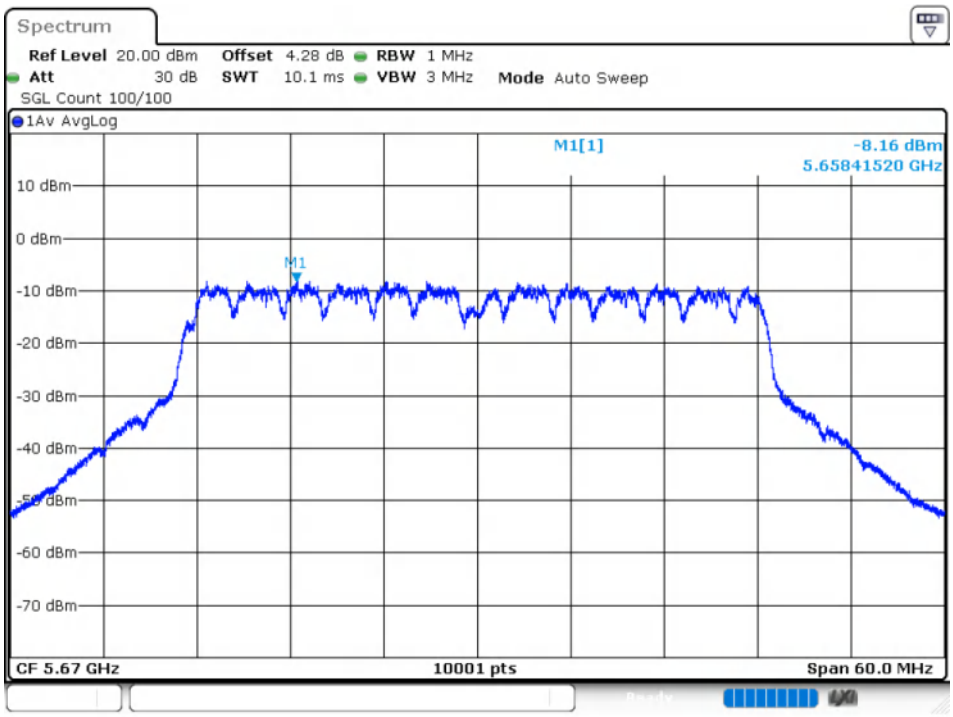
PSD NVNT n40 5590MHz Ant2



PSD NVNT n40 5670MHz Ant1



PSD NVNT n40 5670MHz Ant2

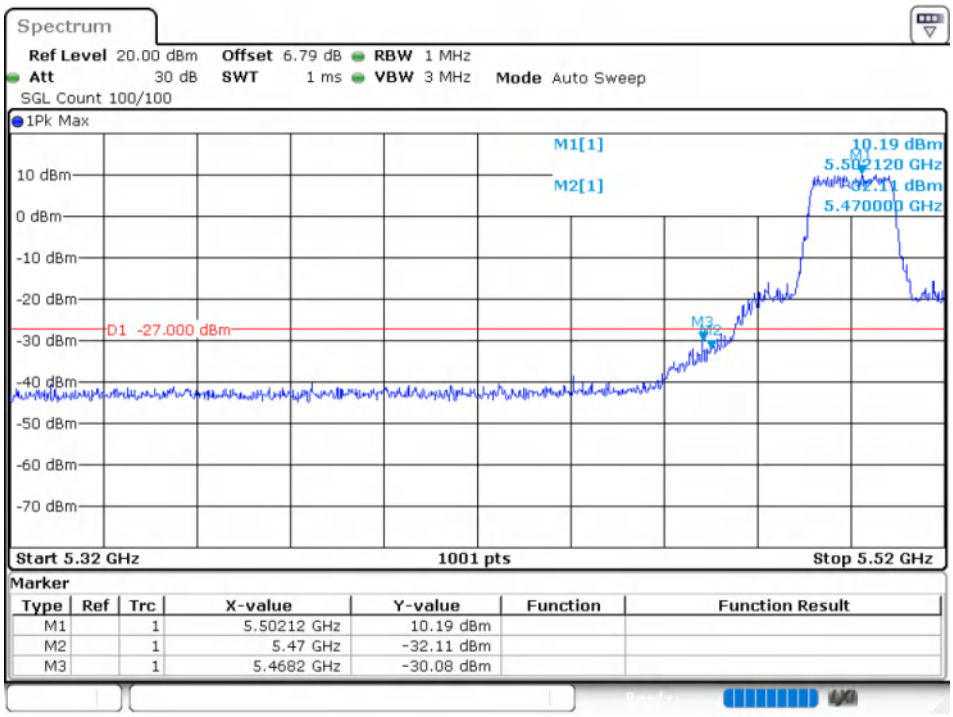


Band Edge

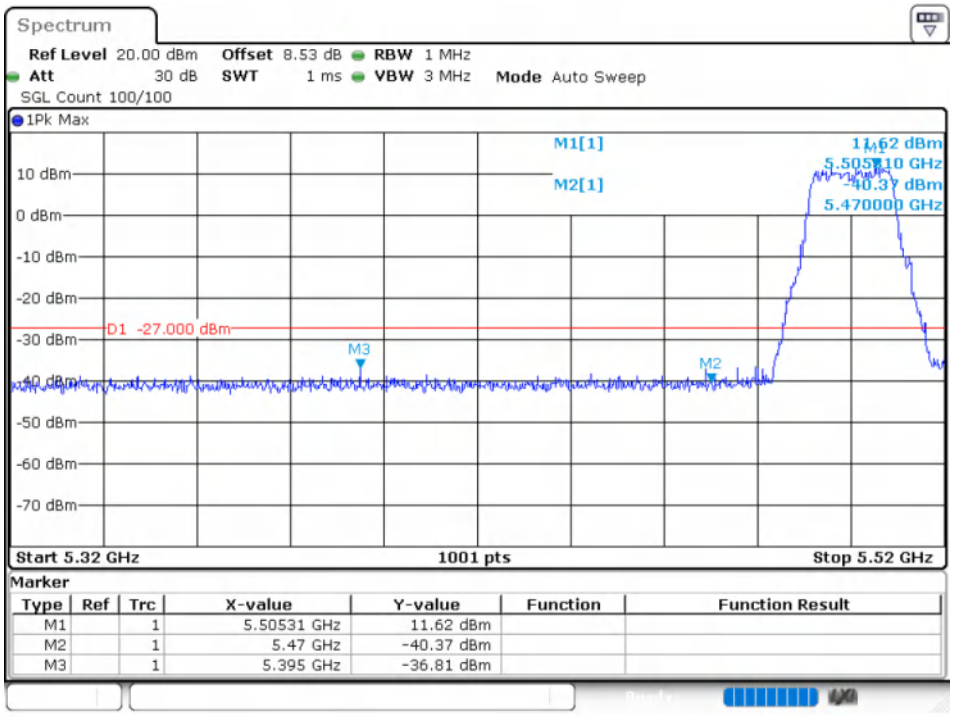
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5500	Ant1	-30.08	-27	Pass
NVNT	ac20	5500	Ant2	-36.81	-27	Pass
NVNT	ac20	5700	Ant1	-33.17	-27	Pass
NVNT	ac20	5700	Ant2	-35.79	-27	Pass
NVNT	ac40	5510	Ant1	-28	-27	Pass
NVNT	ac40	5510	Ant2	-38.11	-27	Pass
NVNT	ac40	5670	Ant1	-37.75	-27	Pass
NVNT	ac40	5670	Ant2	-37.47	-27	Pass
NVNT	ac80	5530	Ant1	-29.92	-27	Pass
NVNT	ac80	5530	Ant2	-37.33	-27	Pass
NVNT	ac80	5610	Ant1	-39.66	-27	Pass
NVNT	ac80	5610	Ant2	-38.29	-27	Pass
NVNT	n20	5500	Ant1	-31.26	-27	Pass
NVNT	n20	5500	Ant2	-38.46	-27	Pass
NVNT	n20	5700	Ant1	-37.3	-27	Pass
NVNT	n20	5700	Ant2	-36.79	-27	Pass
NVNT	n40	5510	Ant1	-27.86	-27	Pass
NVNT	n40	5510	Ant2	-38.02	-27	Pass
NVNT	n40	5670	Ant1	-37.97	-27	Pass
NVNT	n40	5670	Ant2	-36.76	-27	Pass

Test Graphs

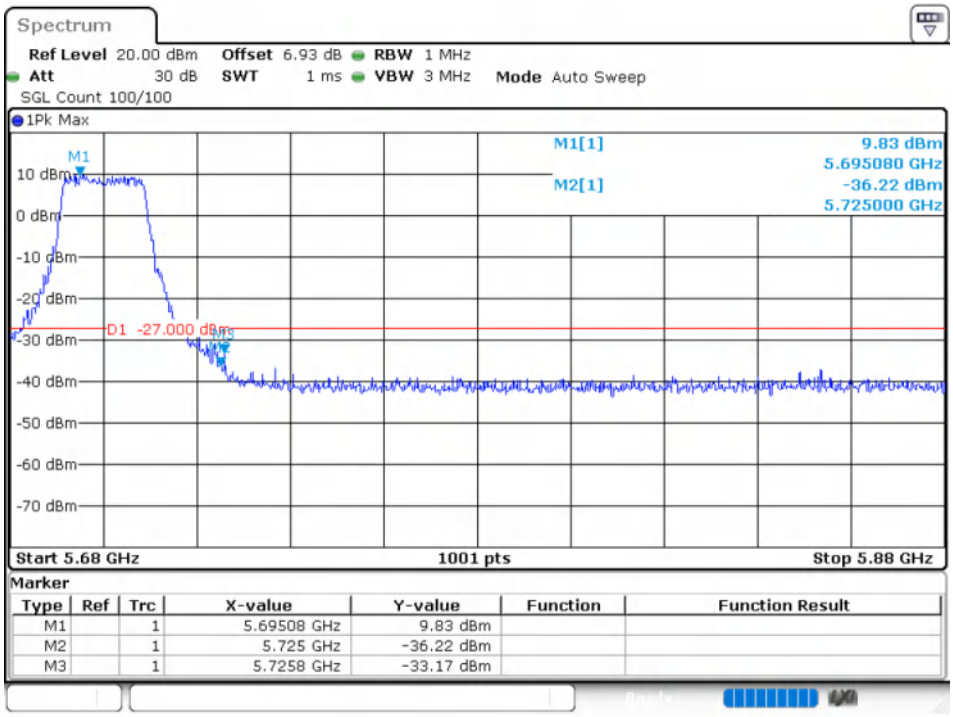
Band Edge NVNT ac20 5500MHz Low Ant1



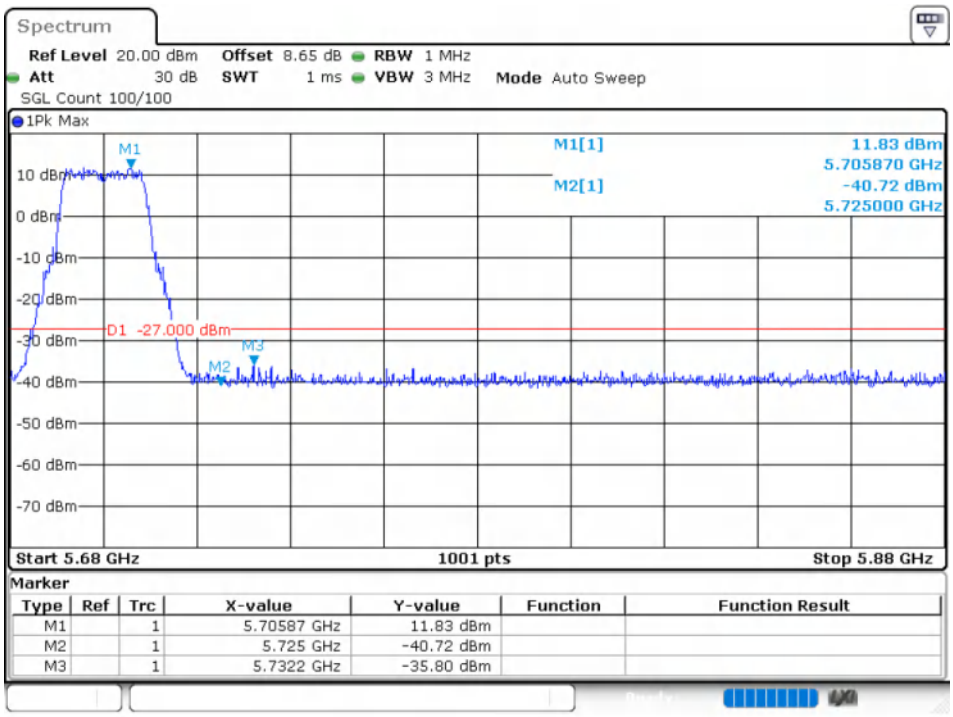
Band Edge NVNT ac20 5500MHz Low Ant2



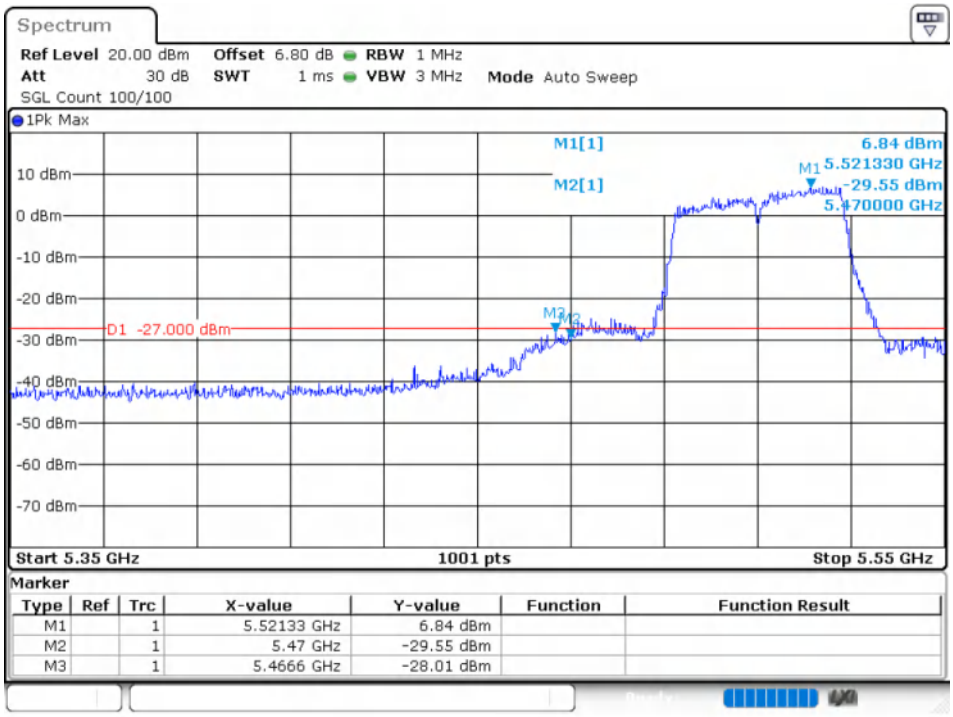
Band Edge NVNT ac20 5700MHz High Ant1



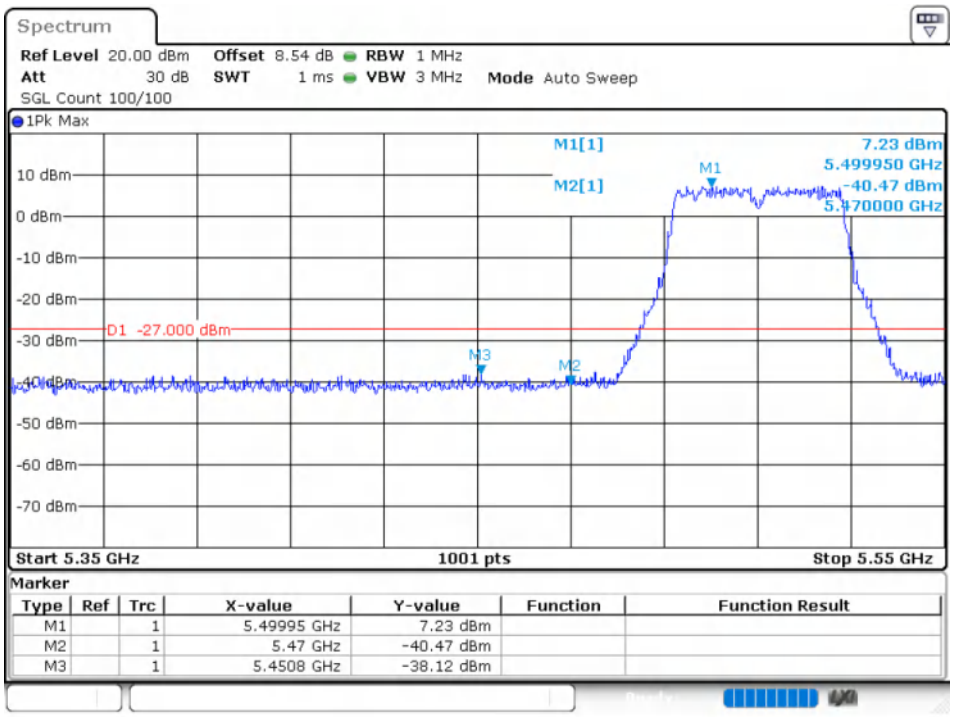
Band Edge NVNT ac20 5700MHz High Ant2



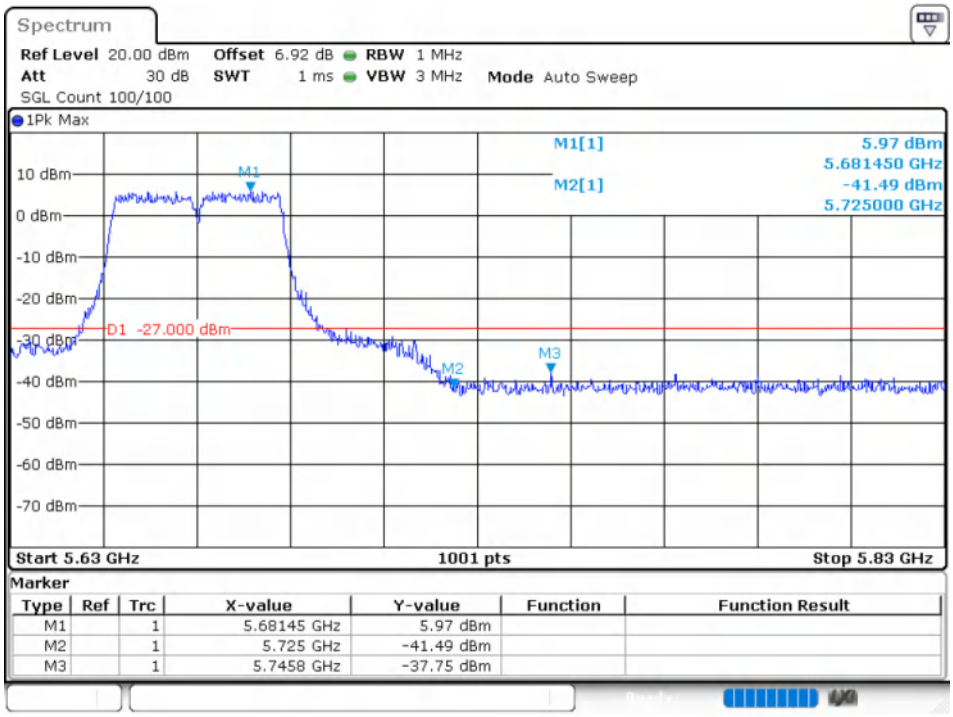
Band Edge NVNT ac40 5510MHz Low Ant1



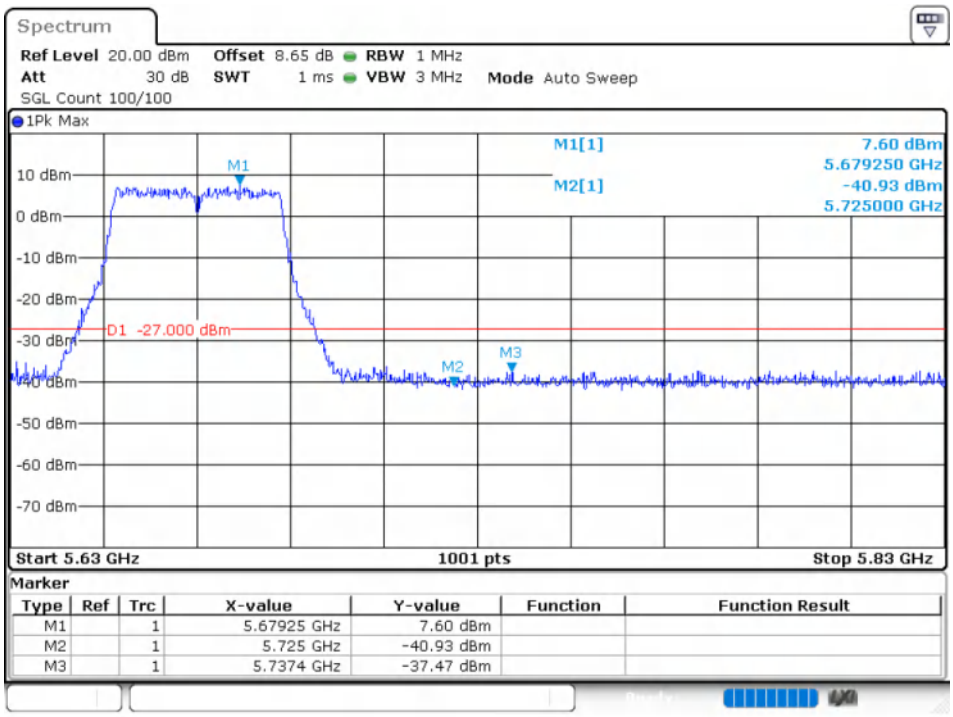
Band Edge NVNT ac40 5510MHz Low Ant2



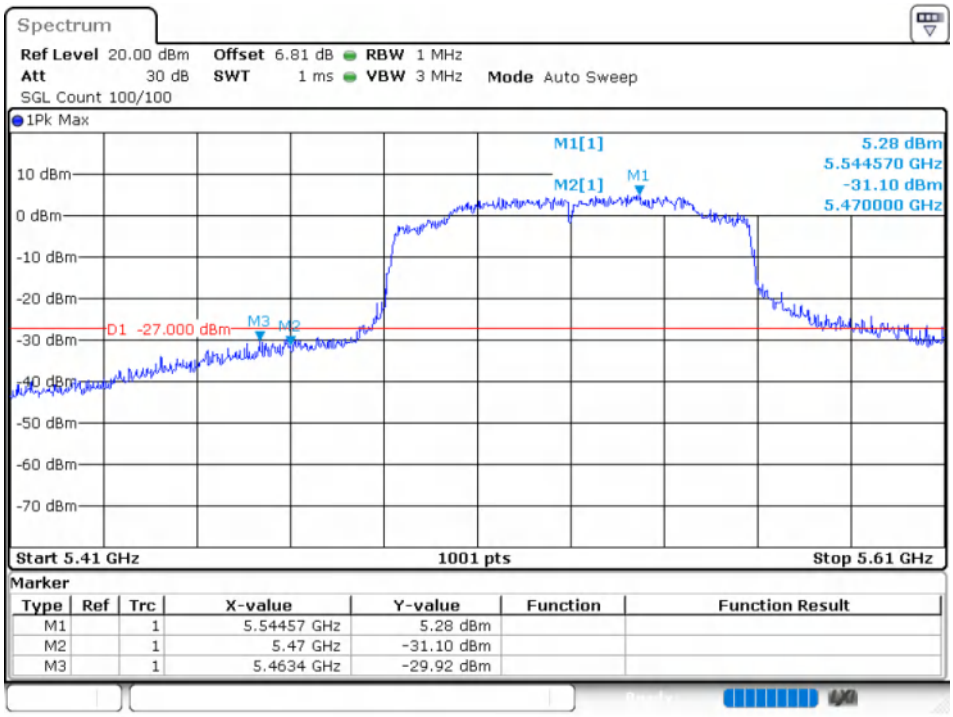
Band Edge NVNT ac40 5670MHz High Ant1



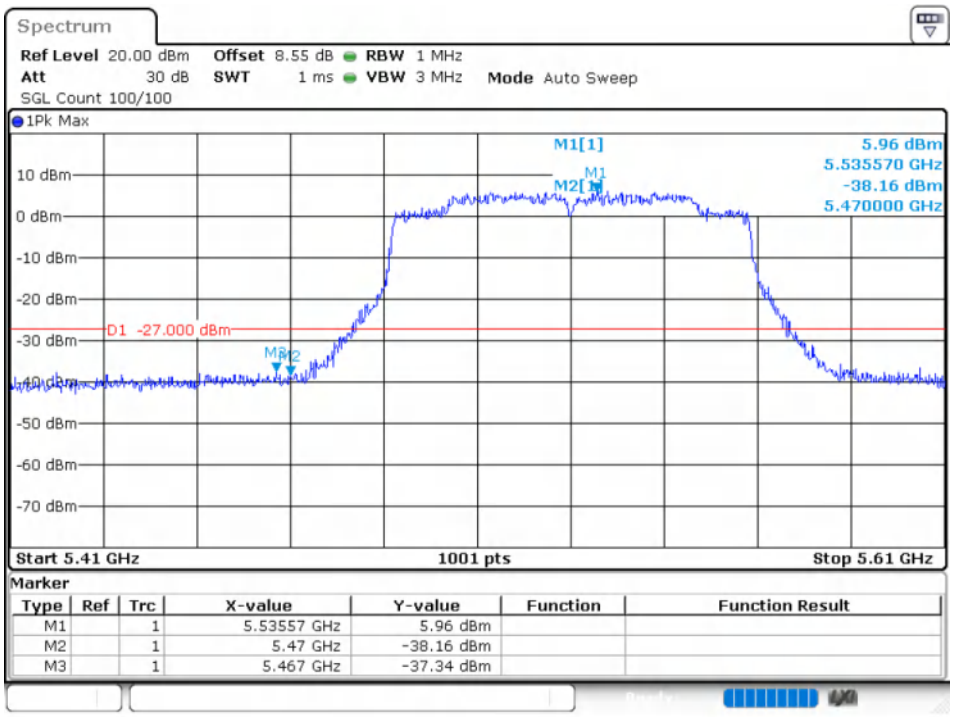
Band Edge NVNT ac40 5670MHz High Ant2



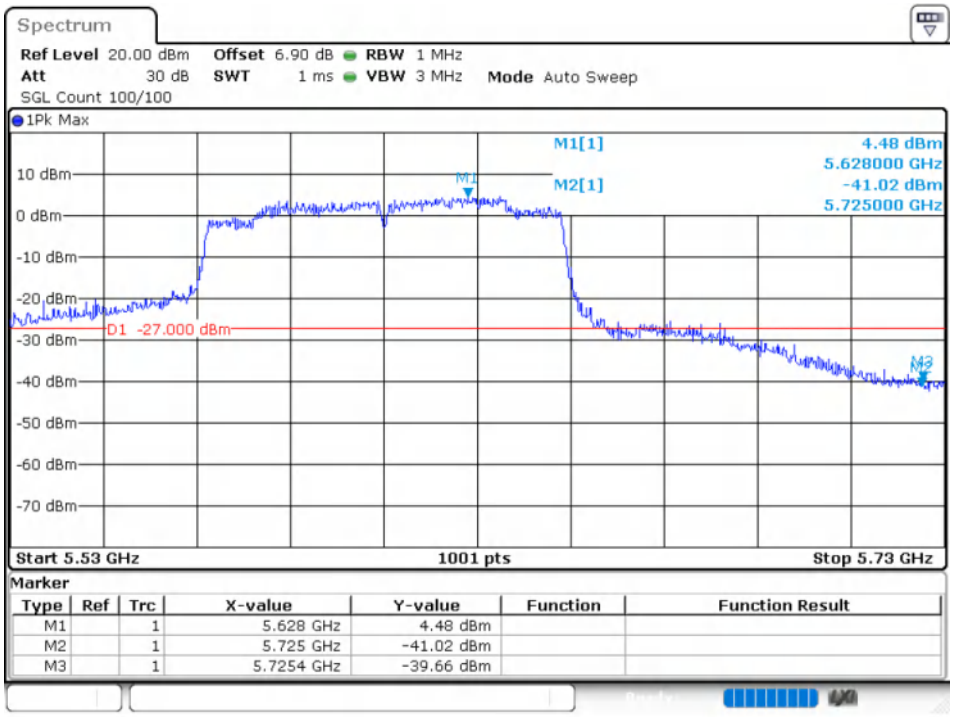
Band Edge NVNT ac80 5530MHz Low Ant1



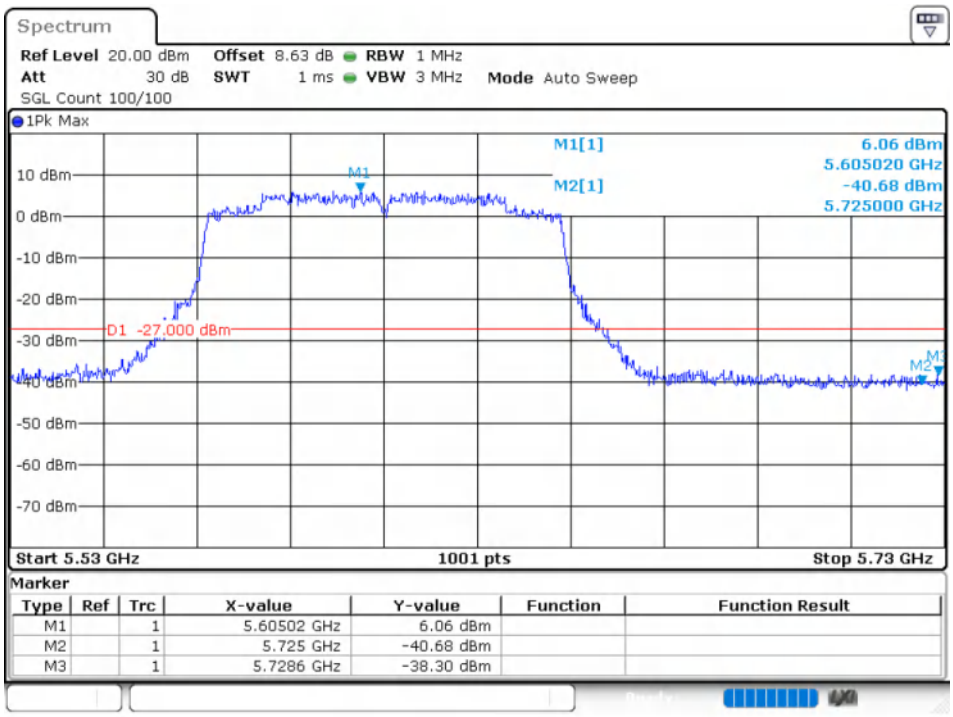
Band Edge NVNT ac80 5530MHz Low Ant2



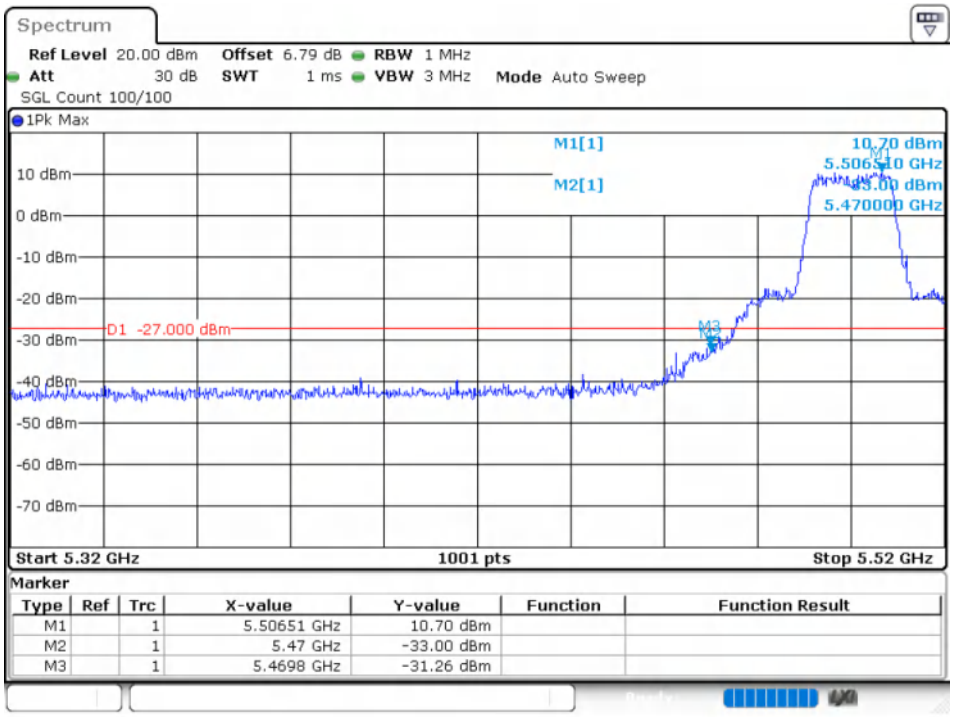
Band Edge NVNT ac80 5610MHz High Ant1



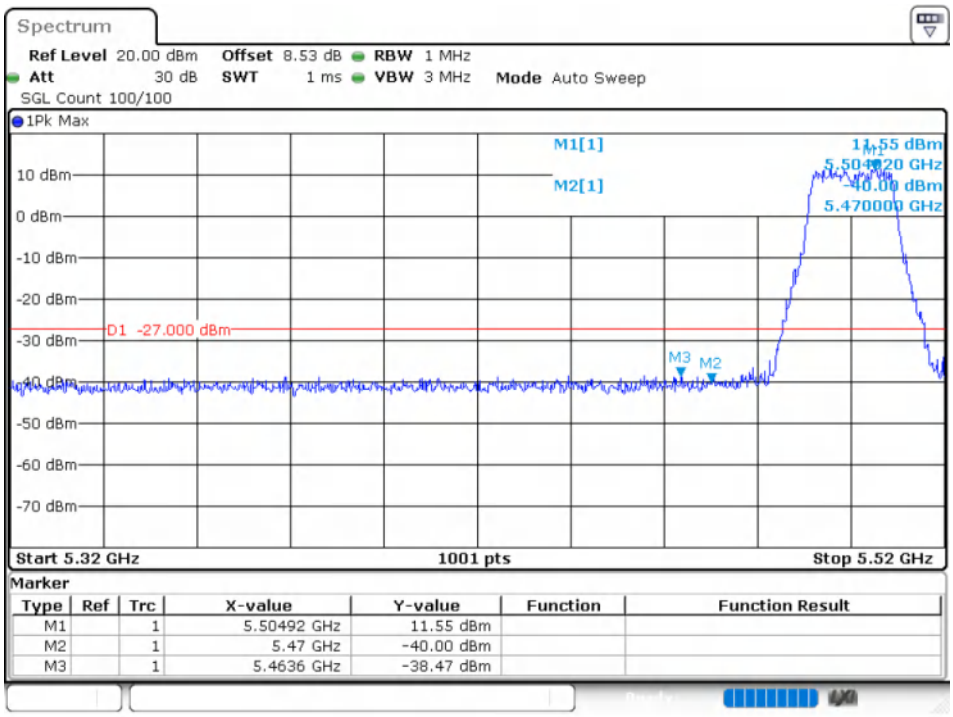
Band Edge NVNT ac80 5610MHz High Ant2



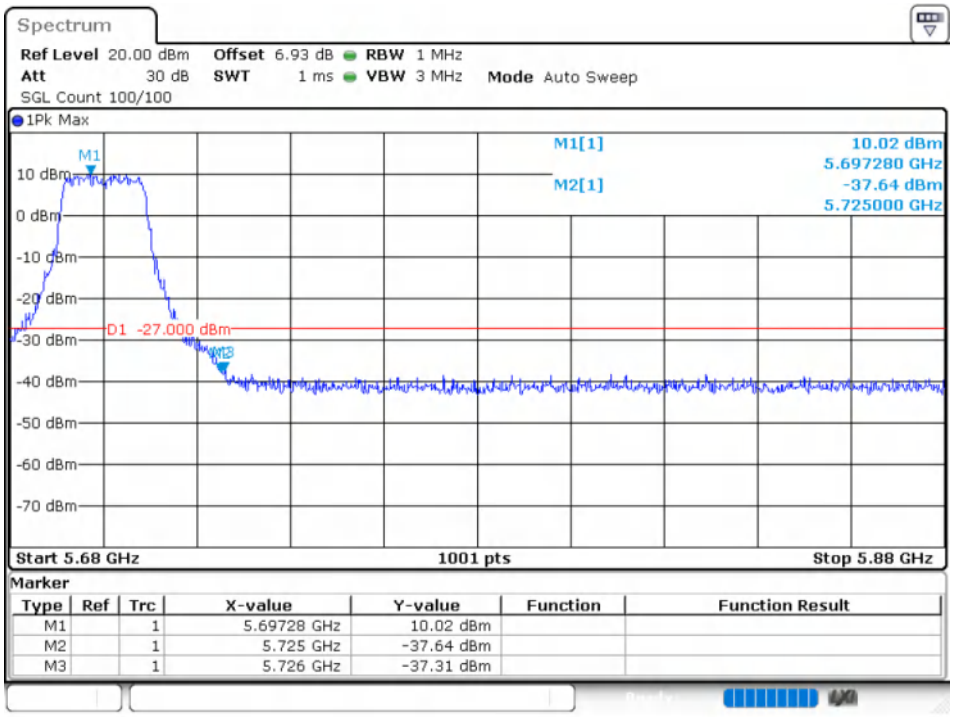
Band Edge NVNT n20 5500MHz Low Ant1



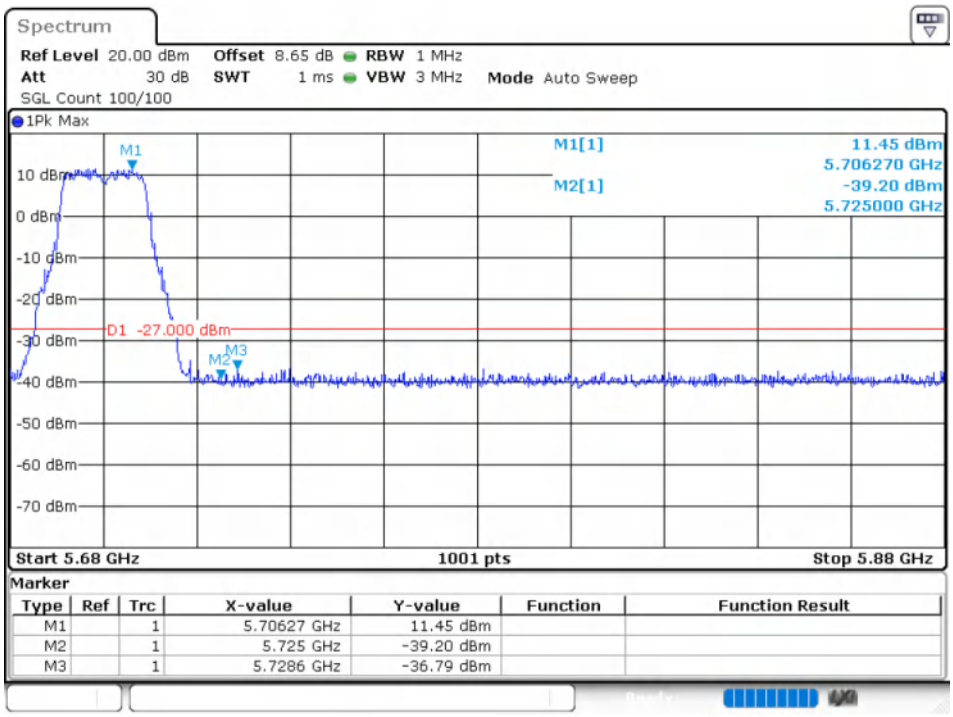
Band Edge NVNT n20 5500MHz Low Ant2



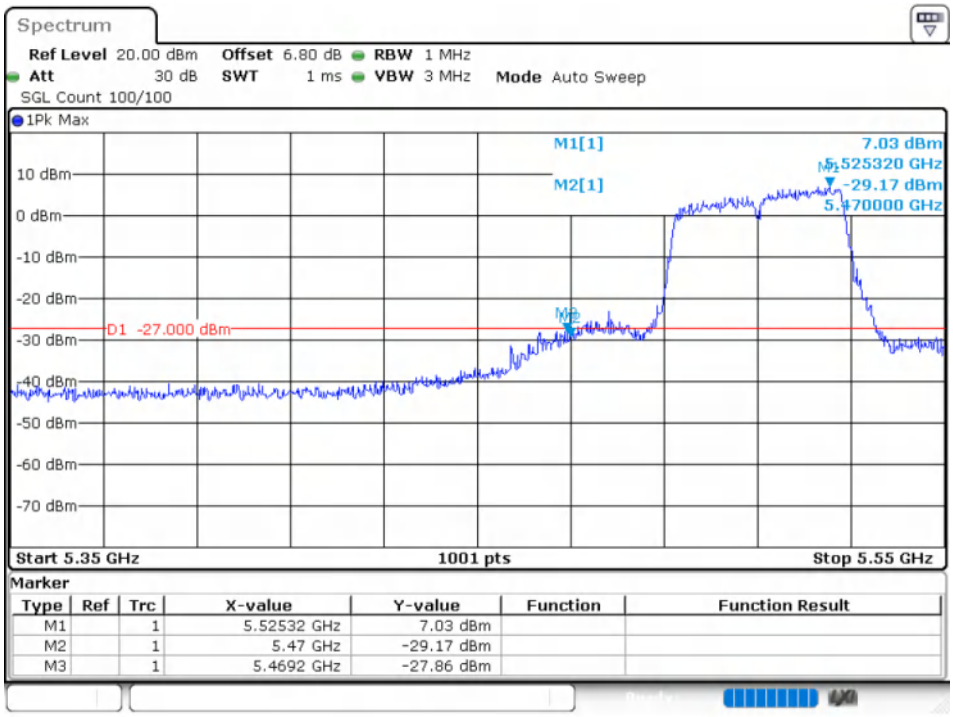
Band Edge NVNT n20 5700MHz High Ant1



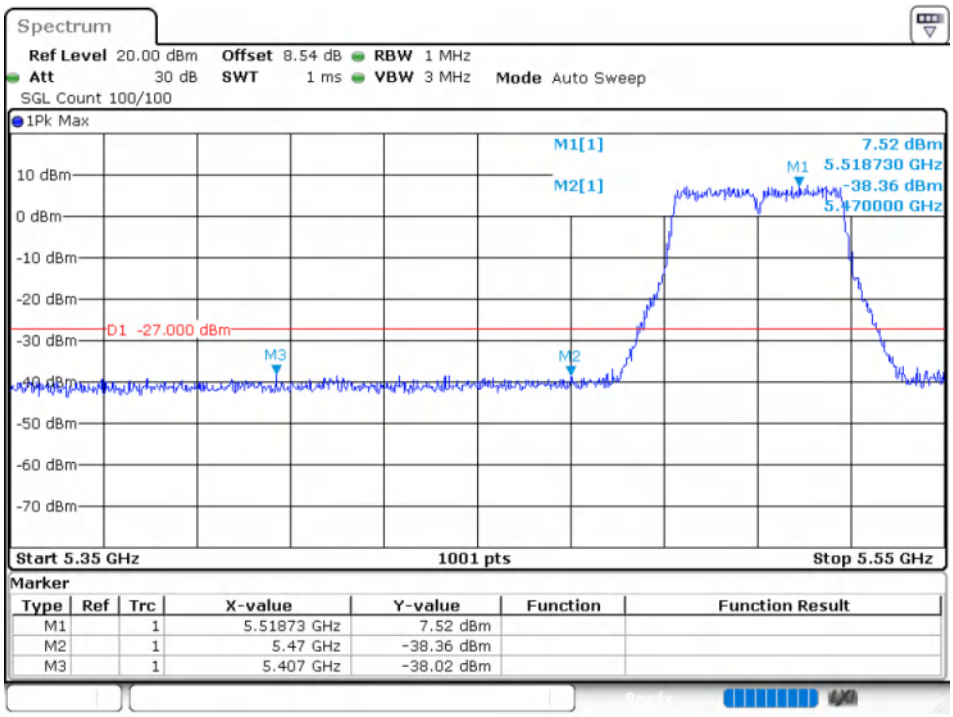
Band Edge NVNT n20 5700MHz High Ant2



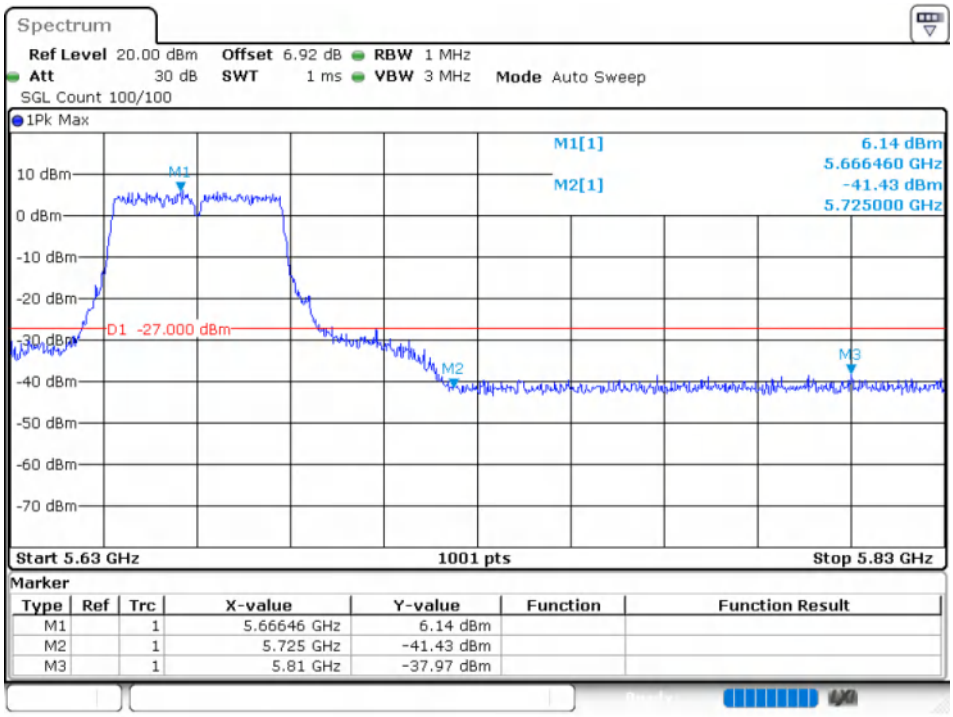
Band Edge NVNT n40 5510MHz Low Ant1



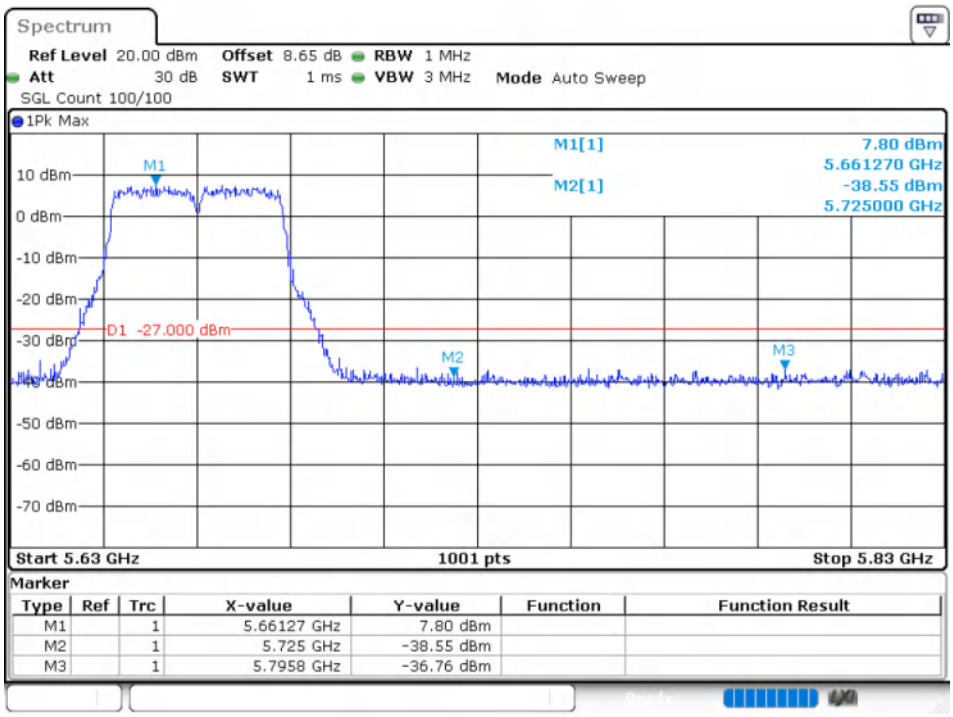
Band Edge NVNT n40 5510MHz Low Ant2



Band Edge NVNT n40 5670MHz High Ant1



Band Edge NVNT n40 5670MHz High Ant2

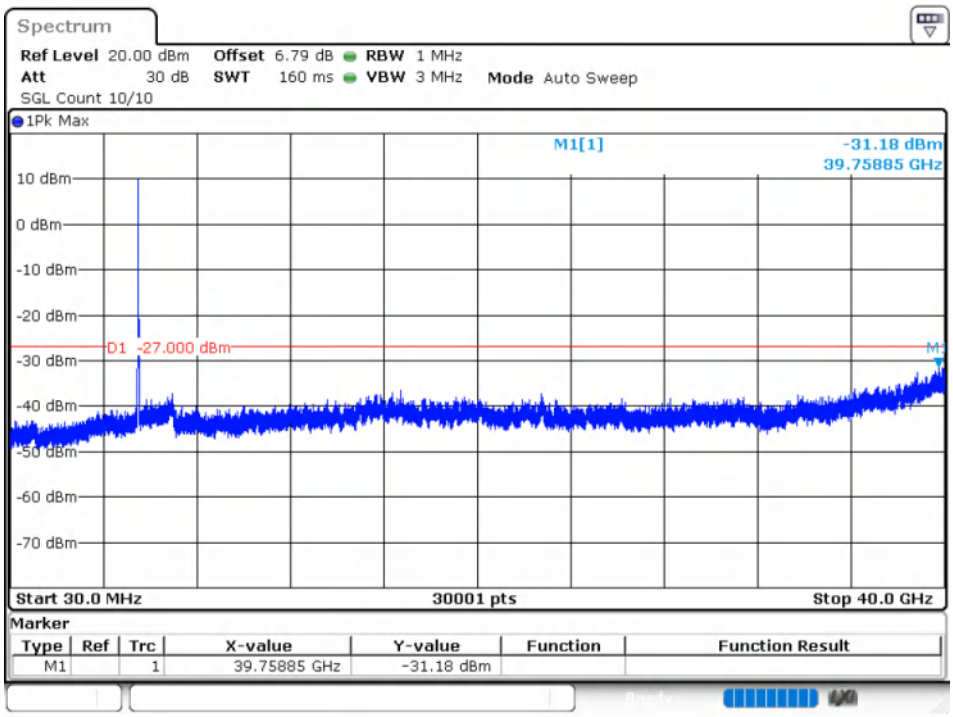


Conducted RF Spurious Emission

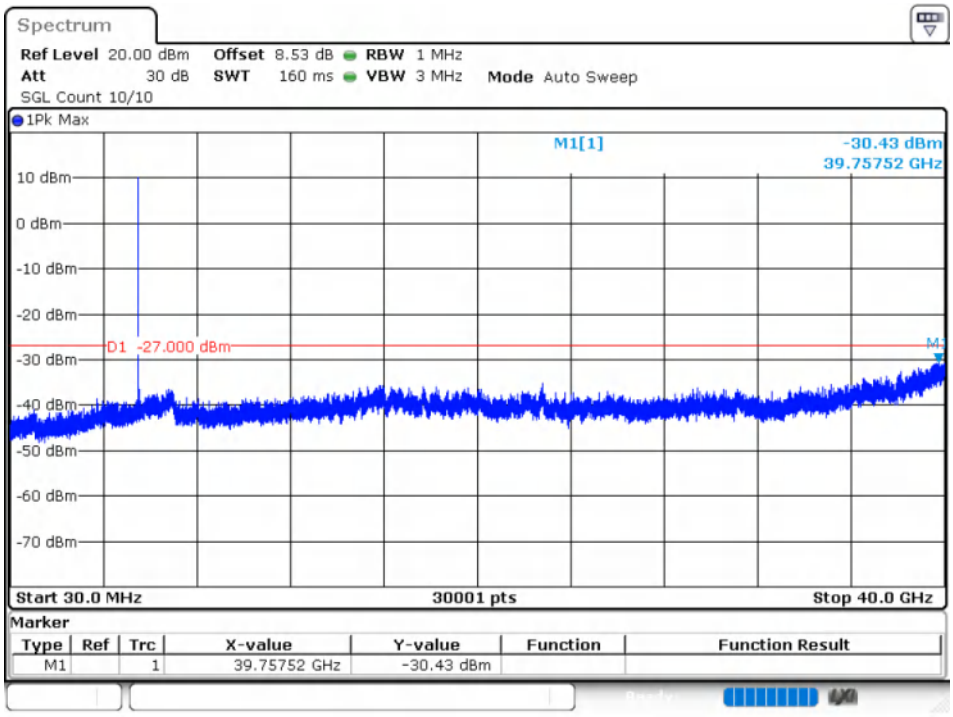
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5500	Ant1	-31.18	-27	Pass
NVNT	ac20	5500	Ant2	-30.43	-27	Pass
NVNT	ac20	5600	Ant1	-32.07	-27	Pass
NVNT	ac20	5600	Ant2	-29.28	-27	Pass
NVNT	ac20	5700	Ant1	-30.72	-27	Pass
NVNT	ac20	5700	Ant2	-28.44	-27	Pass
NVNT	ac40	5510	Ant1	-31.58	-27	Pass
NVNT	ac40	5510	Ant2	-29.73	-27	Pass
NVNT	ac40	5590	Ant1	-29.49	-27	Pass
NVNT	ac40	5590	Ant2	-30.48	-27	Pass
NVNT	ac40	5670	Ant1	-32.18	-27	Pass
NVNT	ac40	5670	Ant2	-30.2	-27	Pass
NVNT	ac80	5530	Ant1	-31.99	-27	Pass
NVNT	ac80	5530	Ant2	-29.92	-27	Pass
NVNT	ac80	5610	Ant1	-31.3	-27	Pass
NVNT	ac80	5610	Ant2	-29.69	-27	Pass
NVNT	n20	5500	Ant1	-32.13	-27	Pass
NVNT	n20	5500	Ant2	-29.64	-27	Pass
NVNT	n20	5600	Ant1	-31.28	-27	Pass
NVNT	n20	5600	Ant2	-29.83	-27	Pass
NVNT	n20	5700	Ant1	-31.84	-27	Pass
NVNT	n20	5700	Ant2	-29.74	-27	Pass
NVNT	n40	5510	Ant1	-31.46	-27	Pass
NVNT	n40	5510	Ant2	-29.98	-27	Pass
NVNT	n40	5590	Ant1	-30.14	-27	Pass
NVNT	n40	5590	Ant2	-29.14	-27	Pass
NVNT	n40	5670	Ant1	-31.86	-27	Pass
NVNT	n40	5670	Ant2	-30.01	-27	Pass

Test Graphs

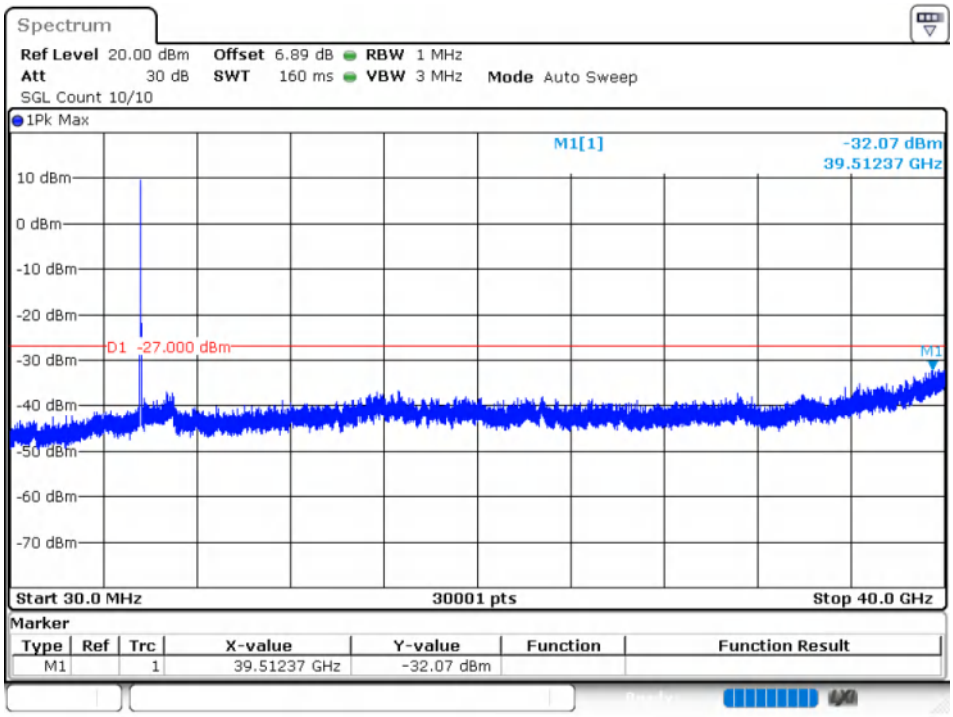
Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



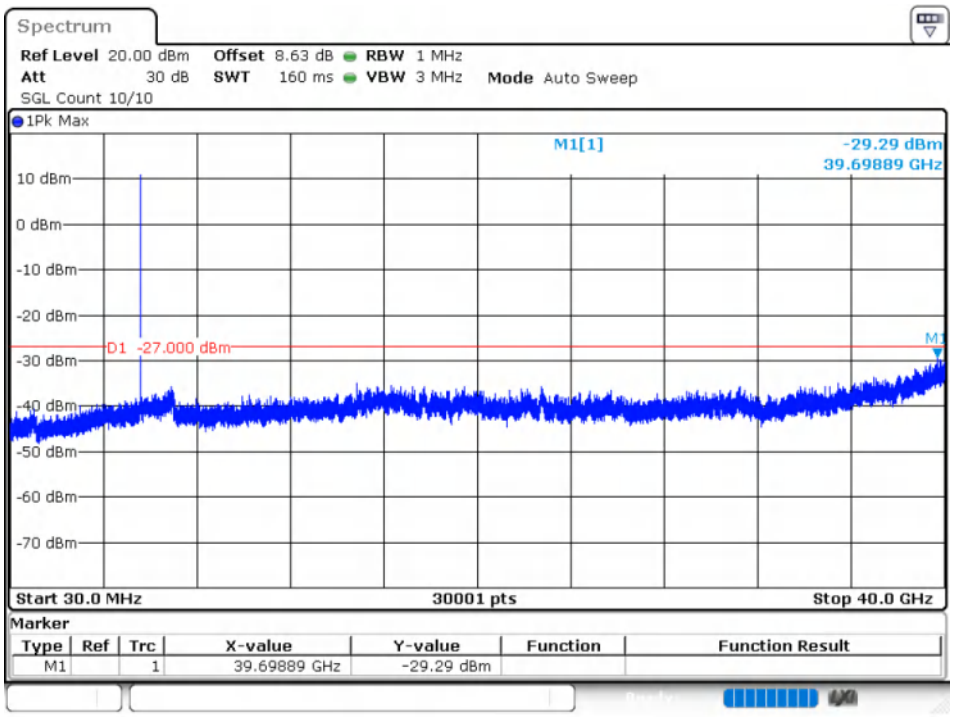
Tx. Spurious NVNT ac20 5500MHz Ant2 Emission



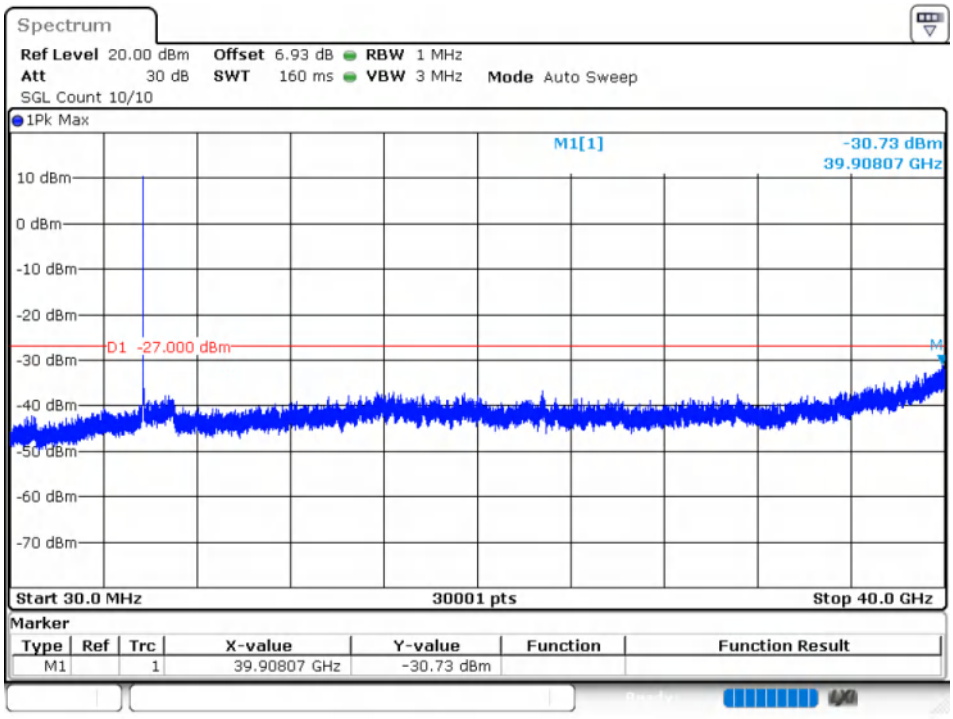
Tx. Spurious NVNT ac20 5600MHz Ant1 Emission



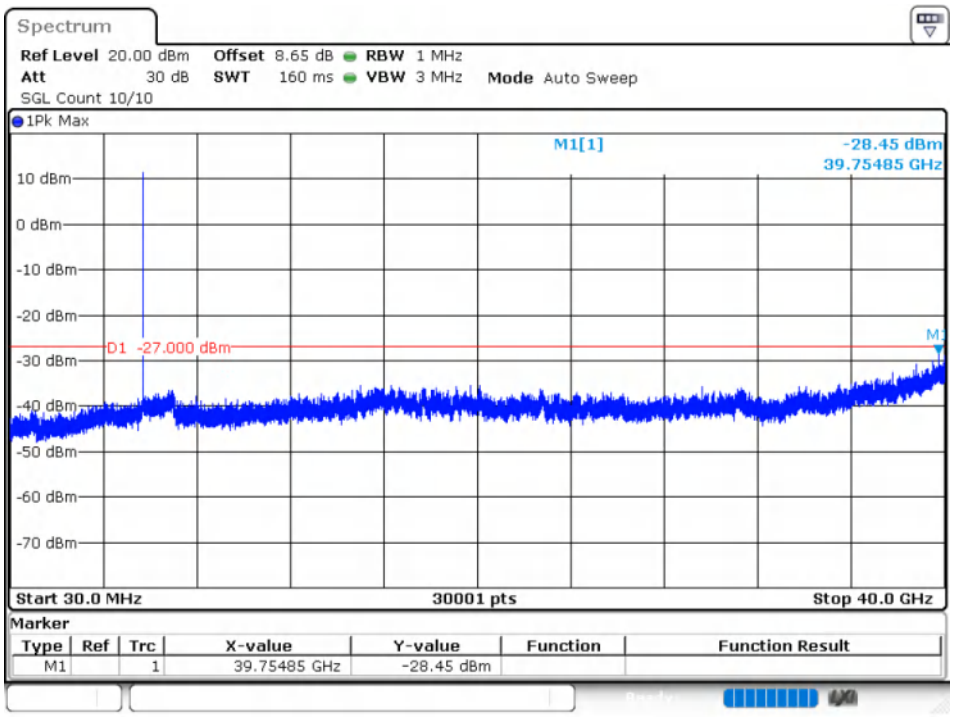
Tx. Spurious NVNT ac20 5600MHz Ant2 Emission



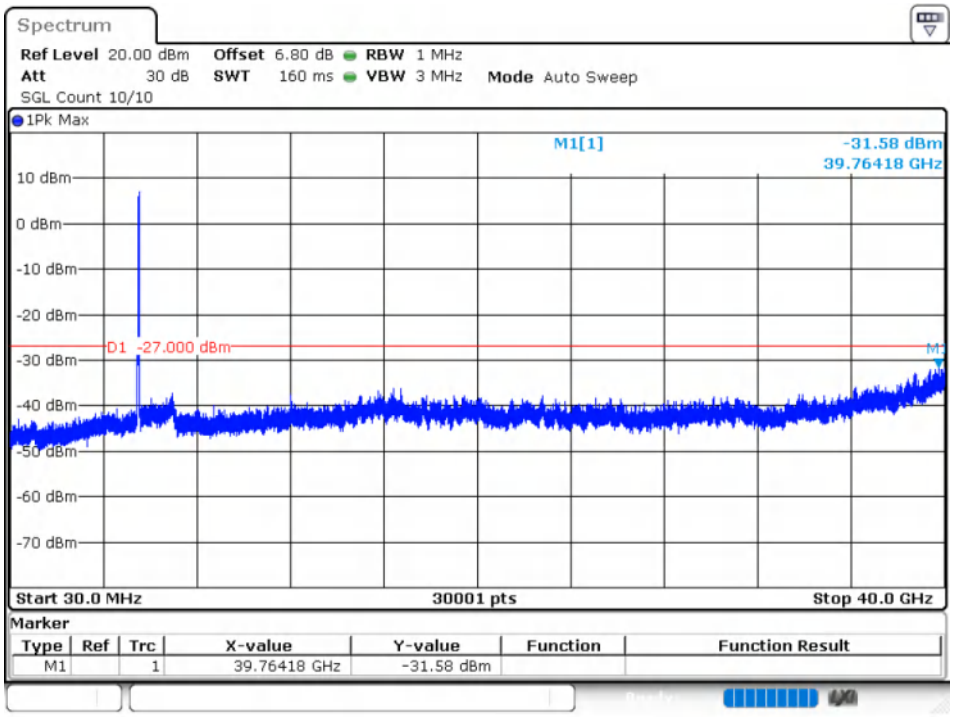
Tx. Spurious NVNT ac20 5700MHz Ant1 Emission



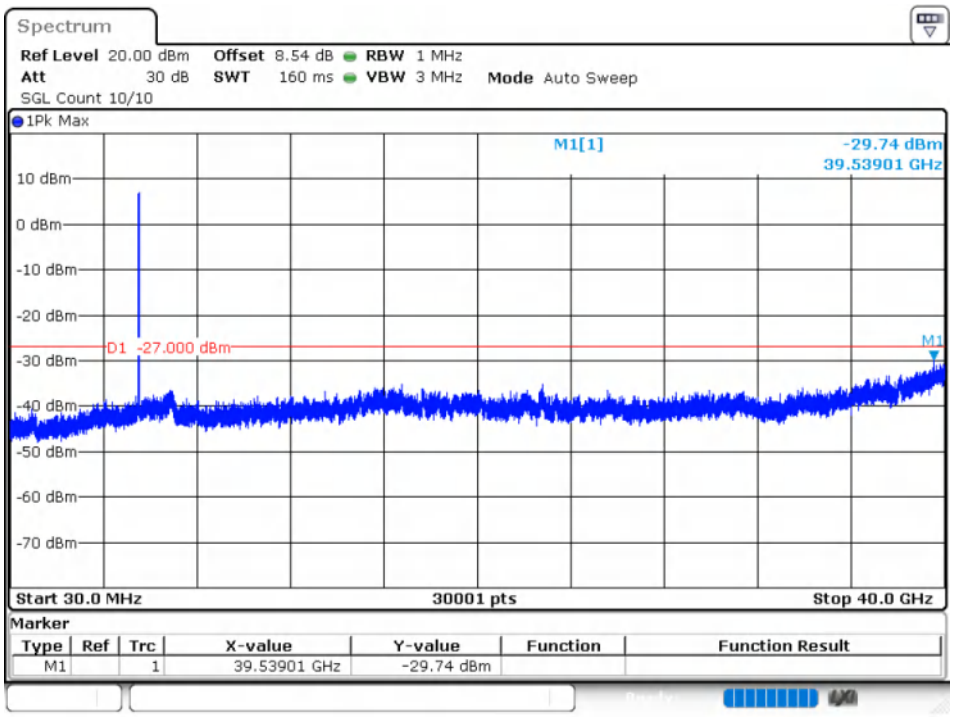
Tx. Spurious NVNT ac20 5700MHz Ant2 Emission



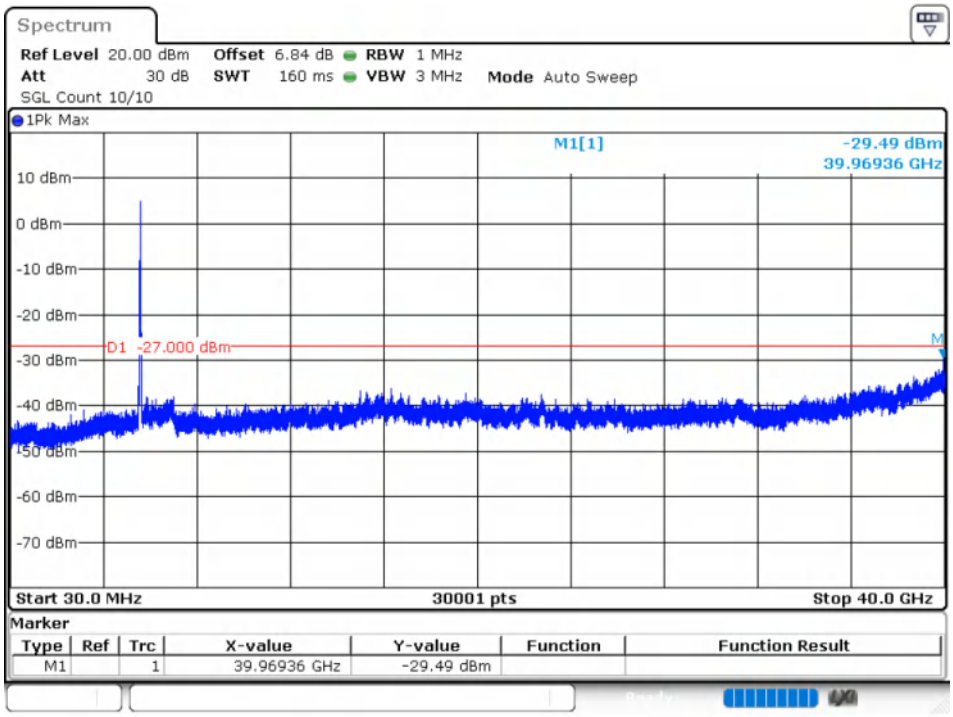
Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



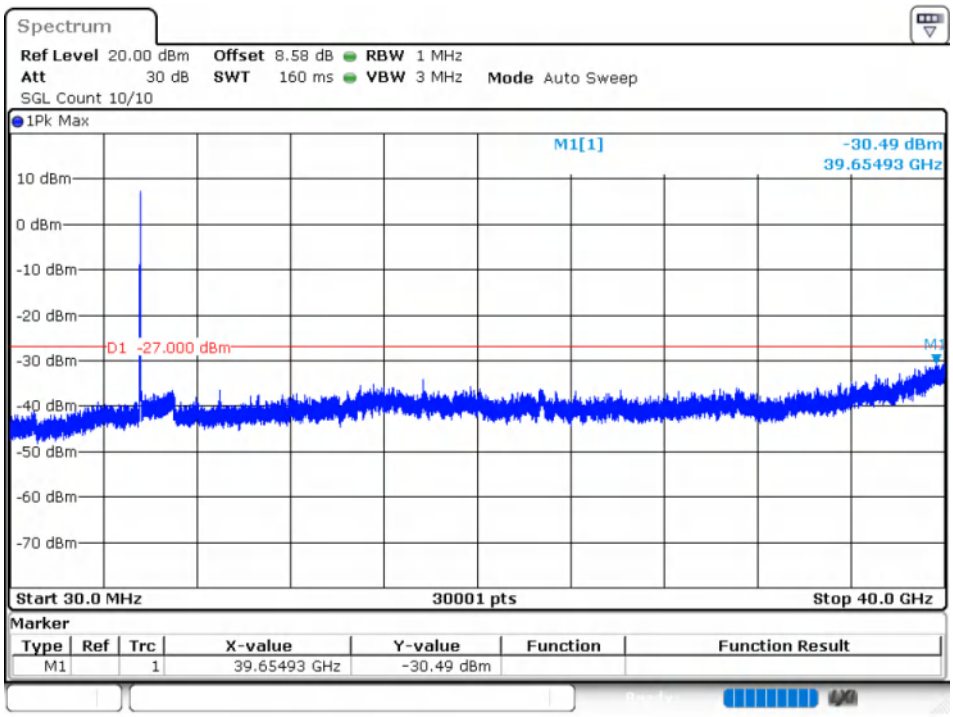
Tx. Spurious NVNT ac40 5510MHz Ant2 Emission



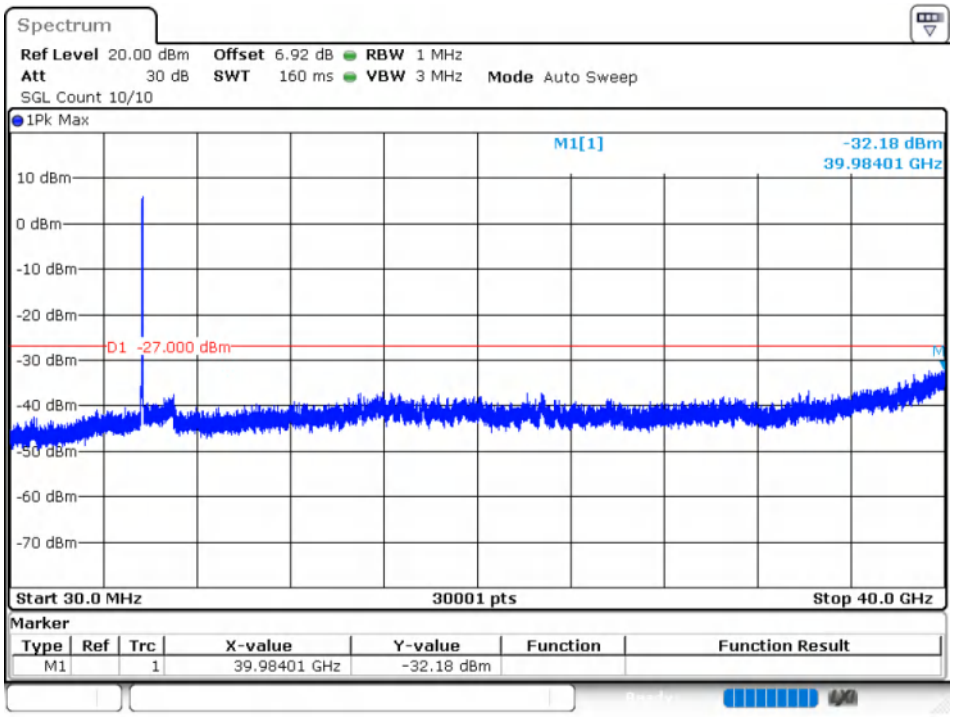
Tx. Spurious NVNT ac40 5590MHz Ant1 Emission



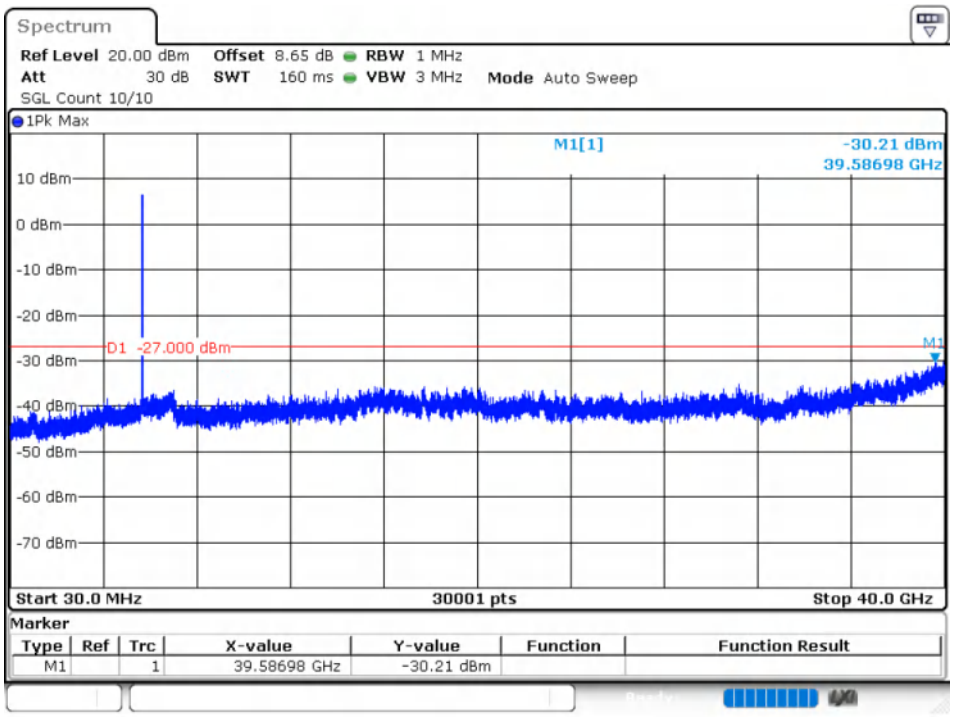
Tx. Spurious NVNT ac40 5590MHz Ant2 Emission



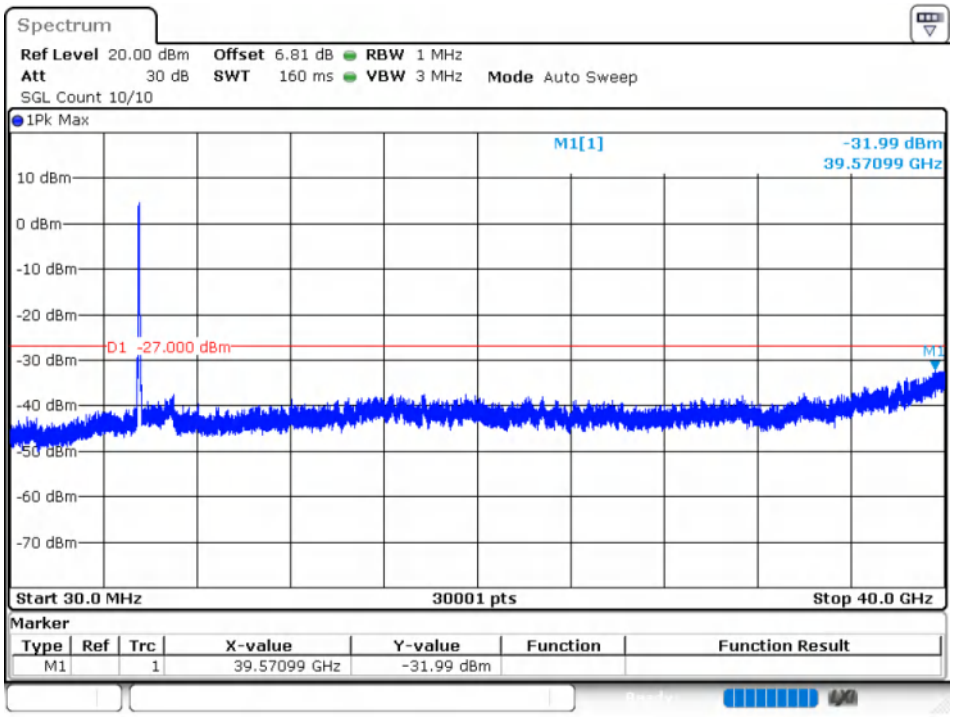
Tx. Spurious NVNT ac40 5670MHz Ant1 Emission



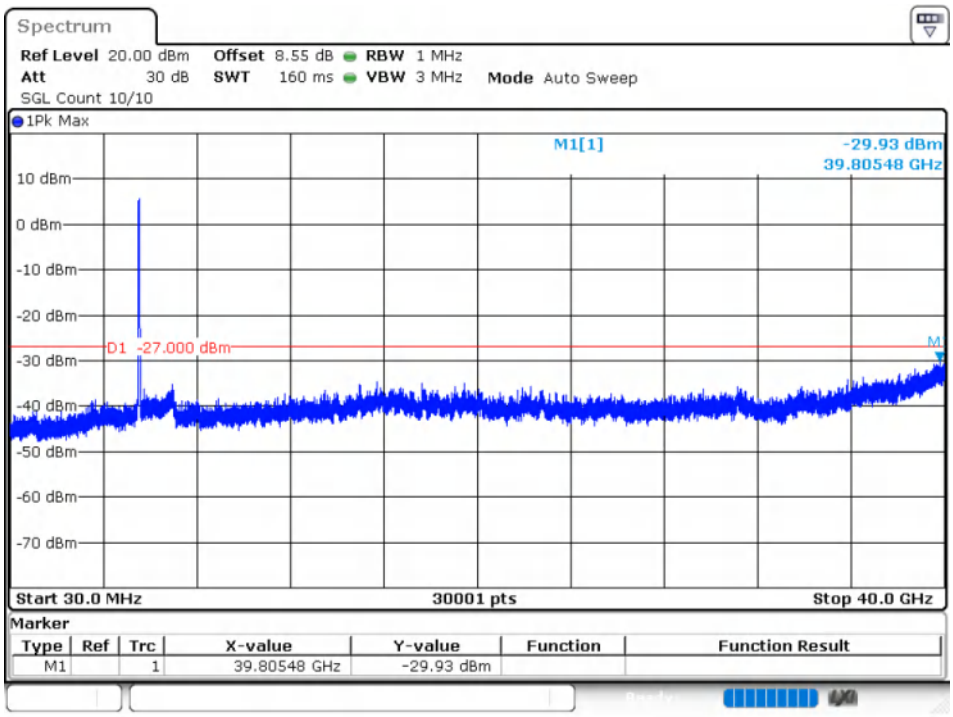
Tx. Spurious NVNT ac40 5670MHz Ant2 Emission



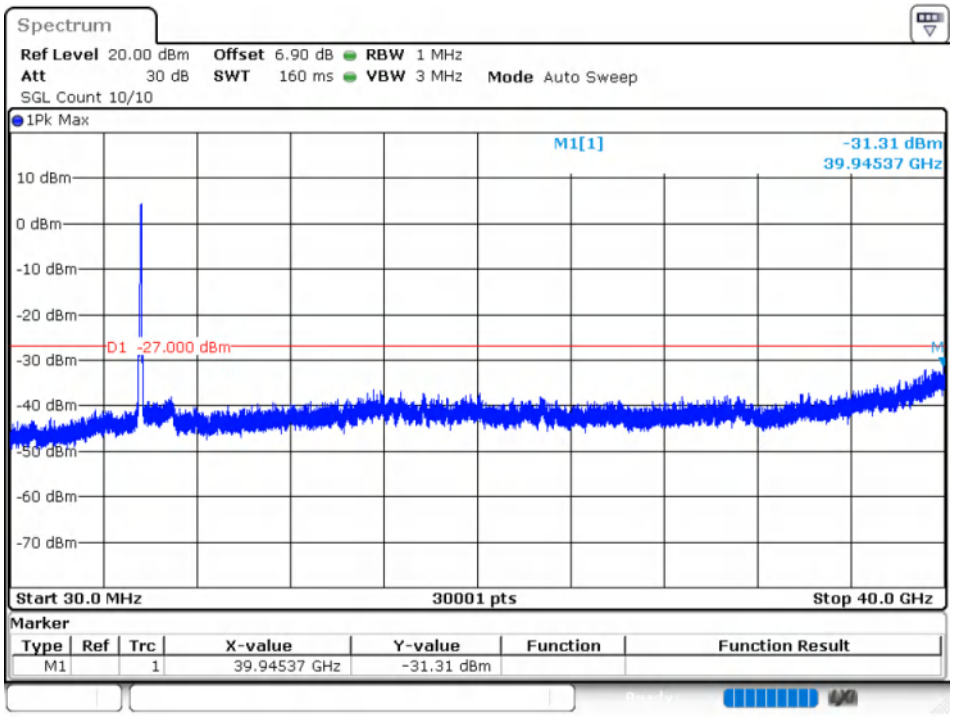
Tx. Spurious NVNT ac80 5530MHz Ant1 Emission



Tx. Spurious NVNT ac80 5530MHz Ant2 Emission



Tx. Spurious NVNT ac80 5610MHz Ant1 Emission



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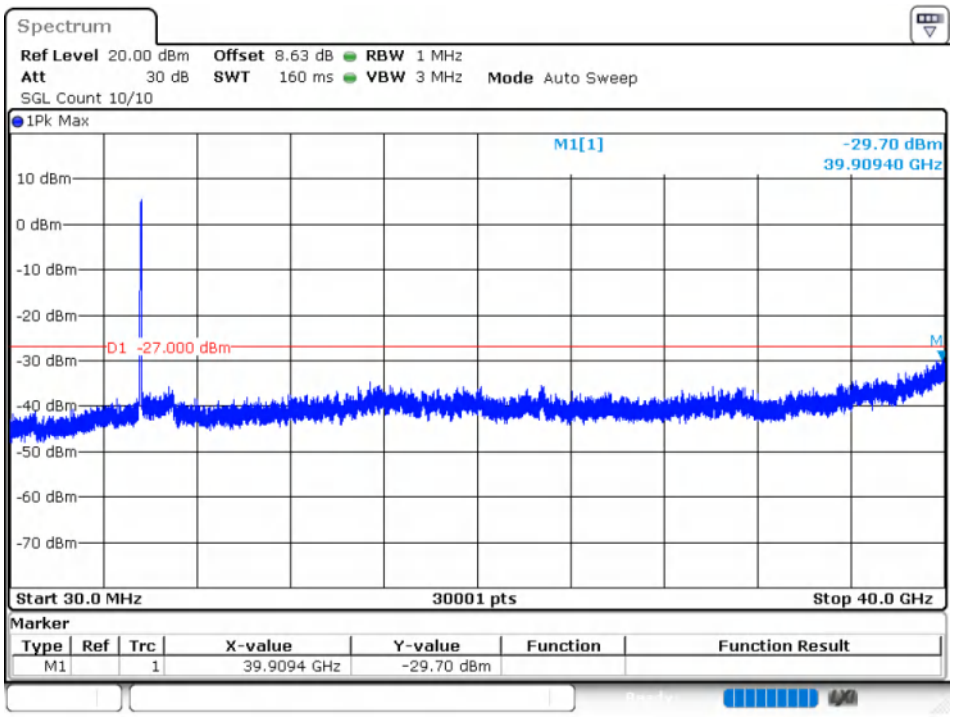

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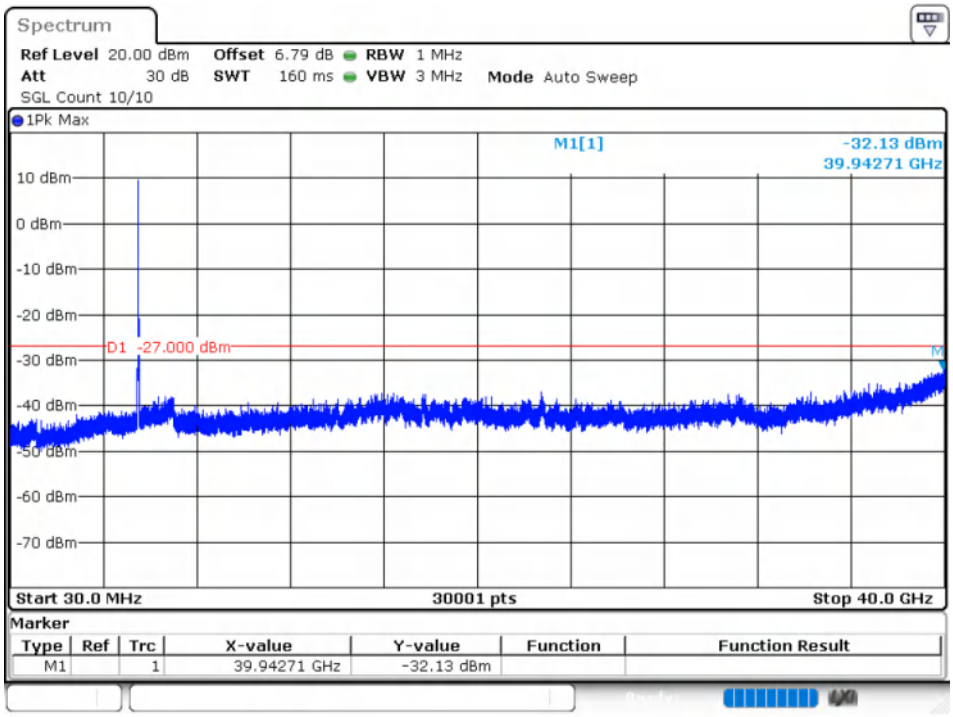

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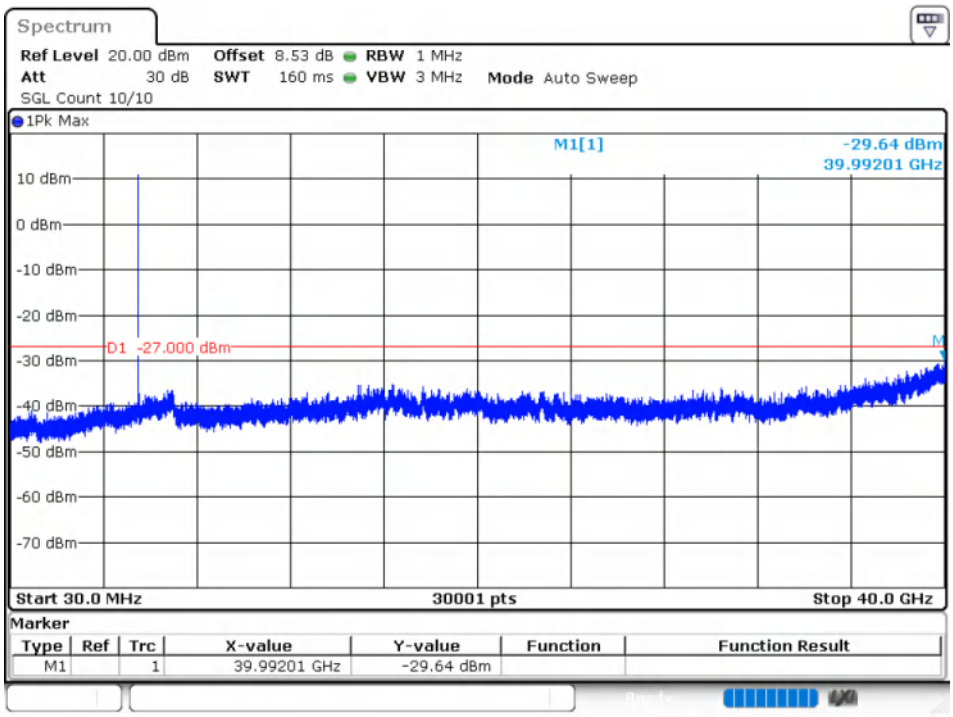

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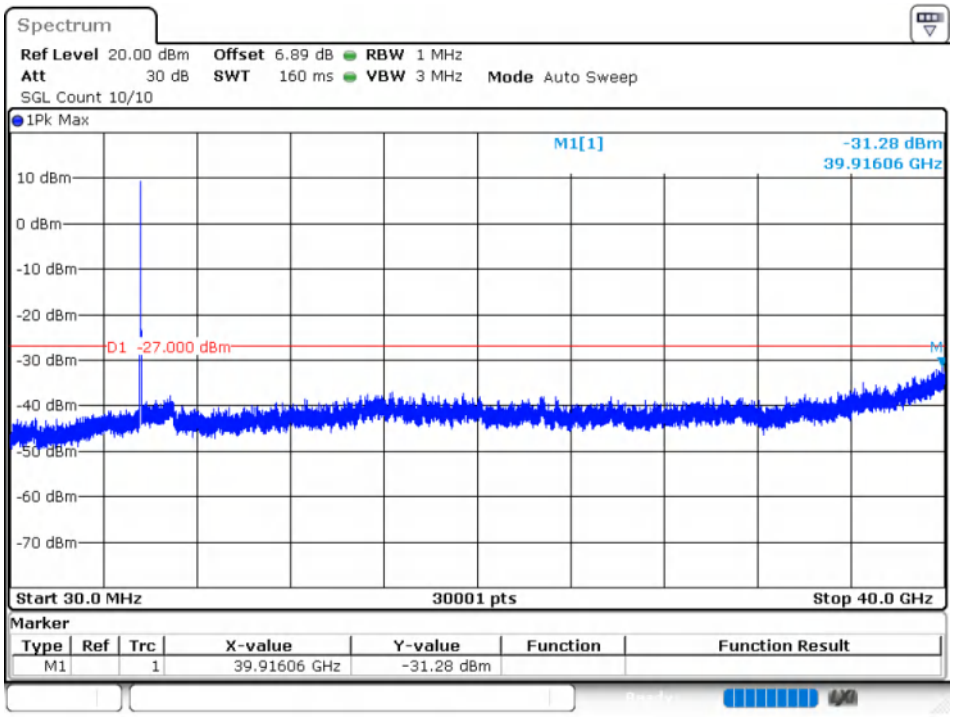

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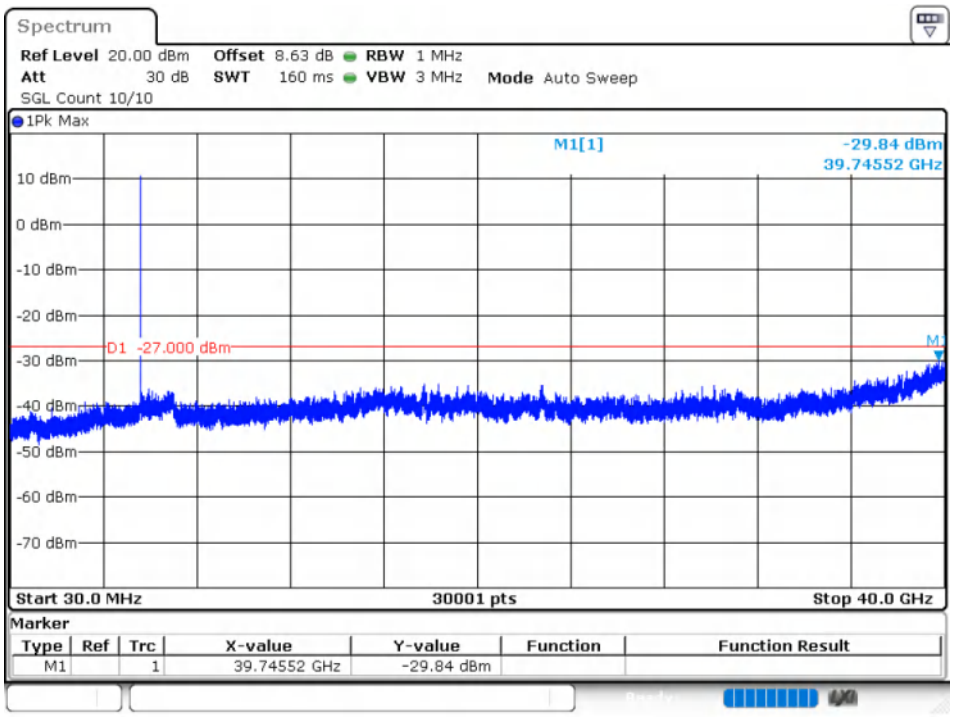

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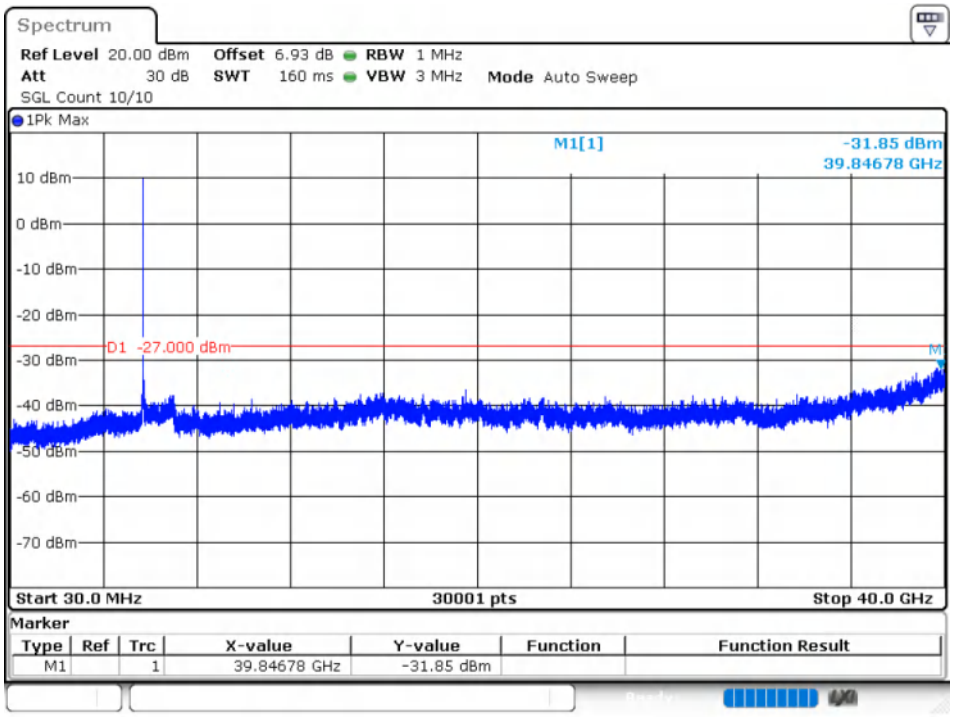

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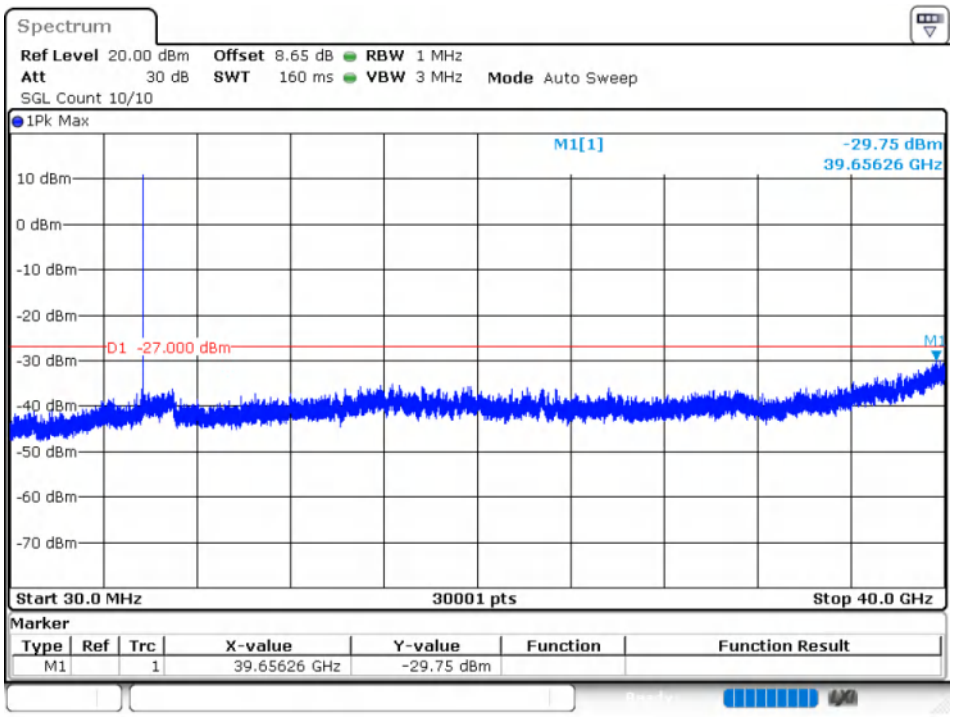
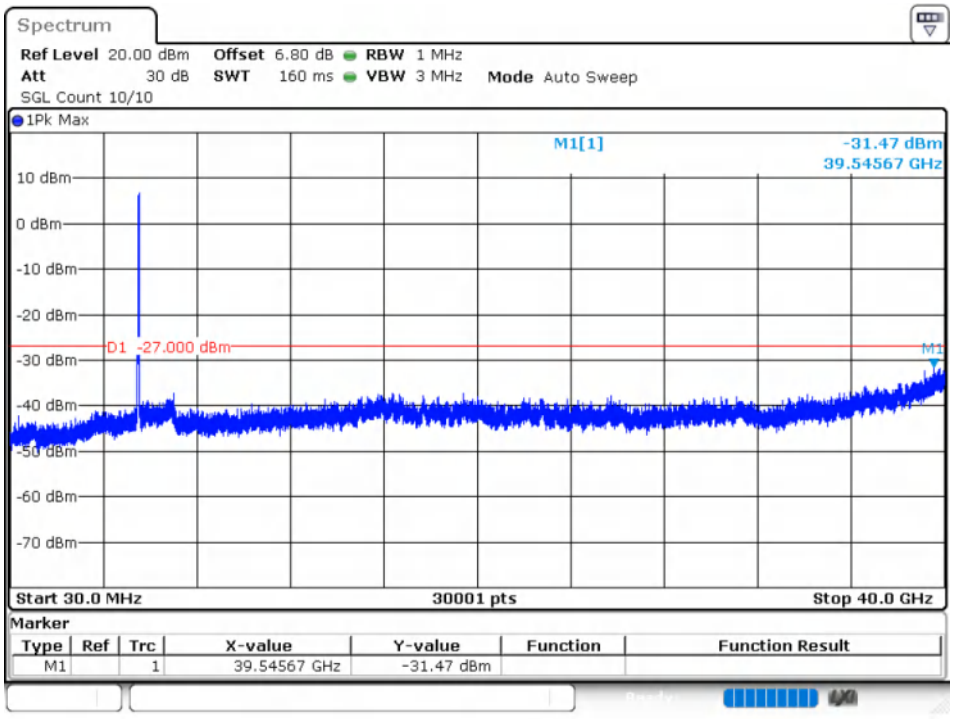
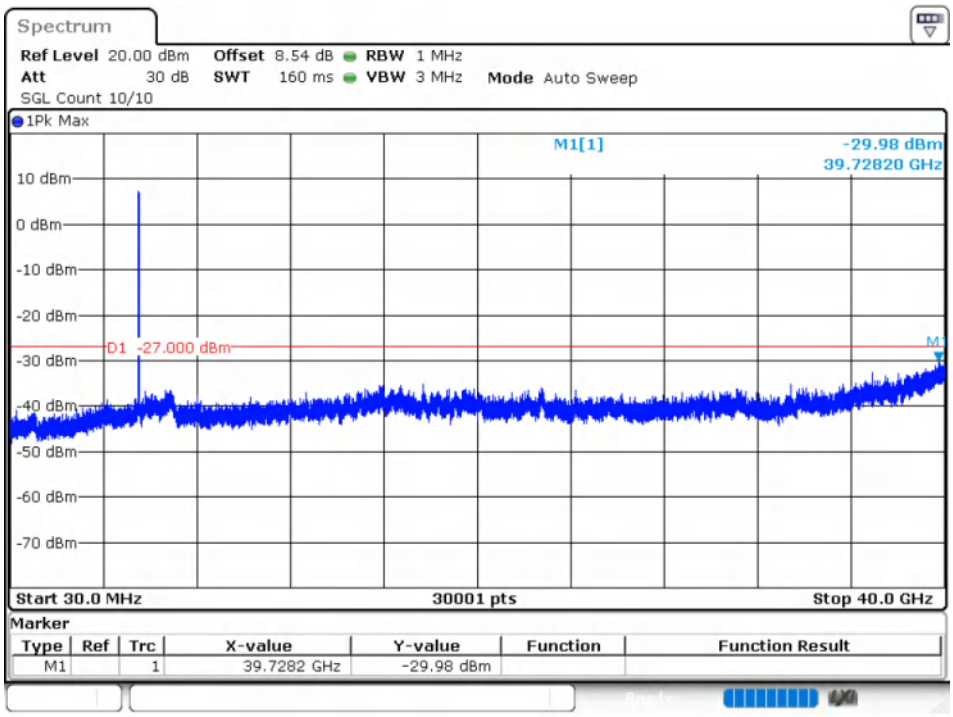


Tx. Spurious NVNT n40 5510MHz Ant1 Emission



Tx. Spurious NVNT n40 5510MHz Ant2 Emission



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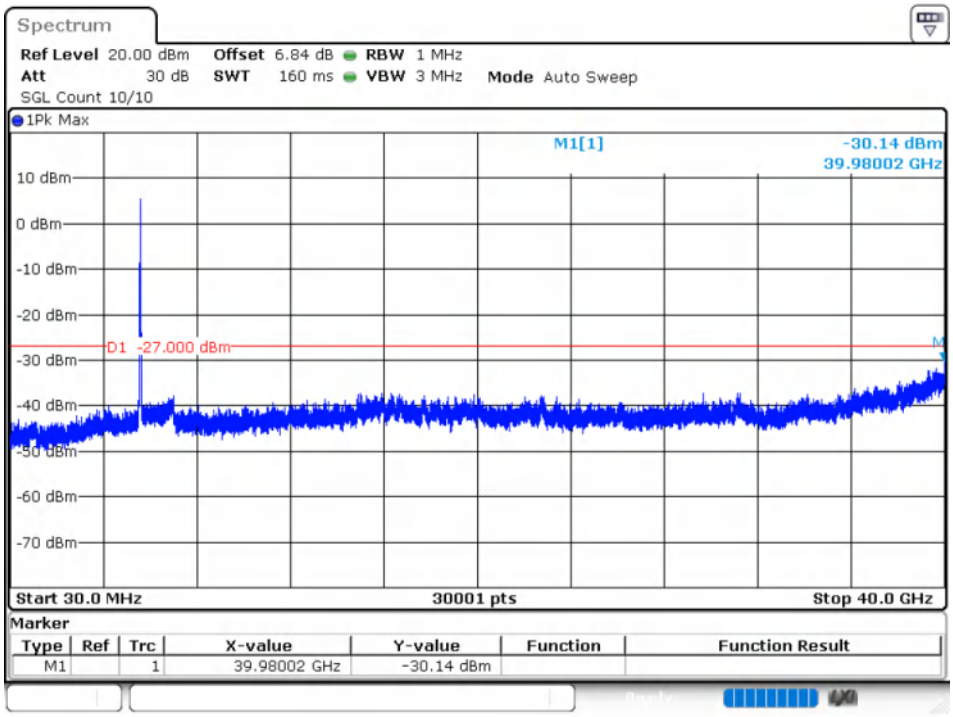
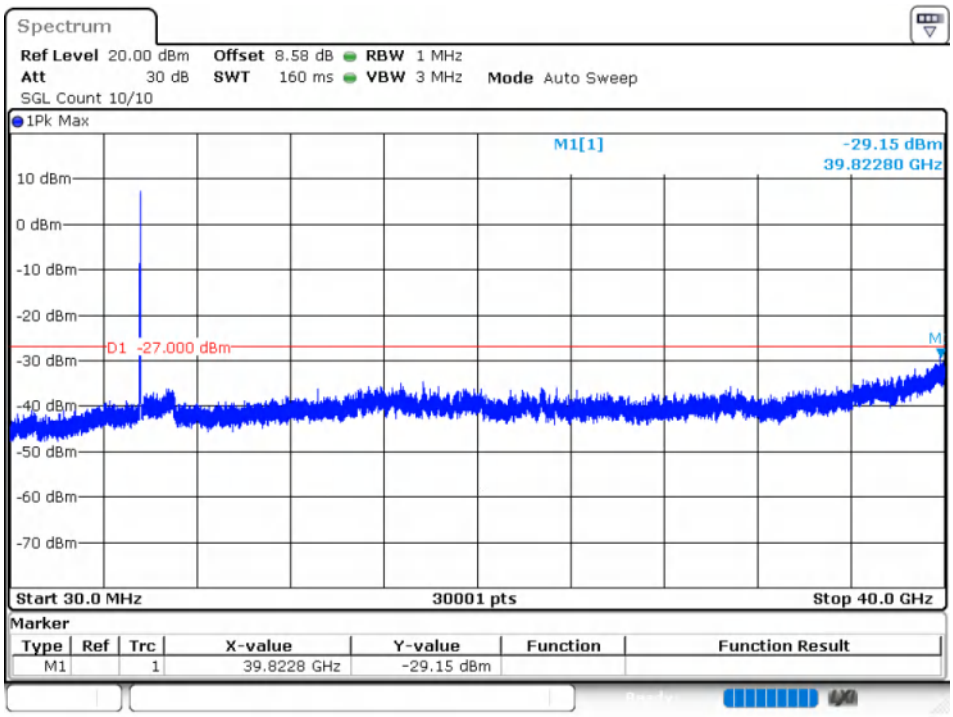


Tx. Spurious NVNT n40 5590MHz Ant2 Emission



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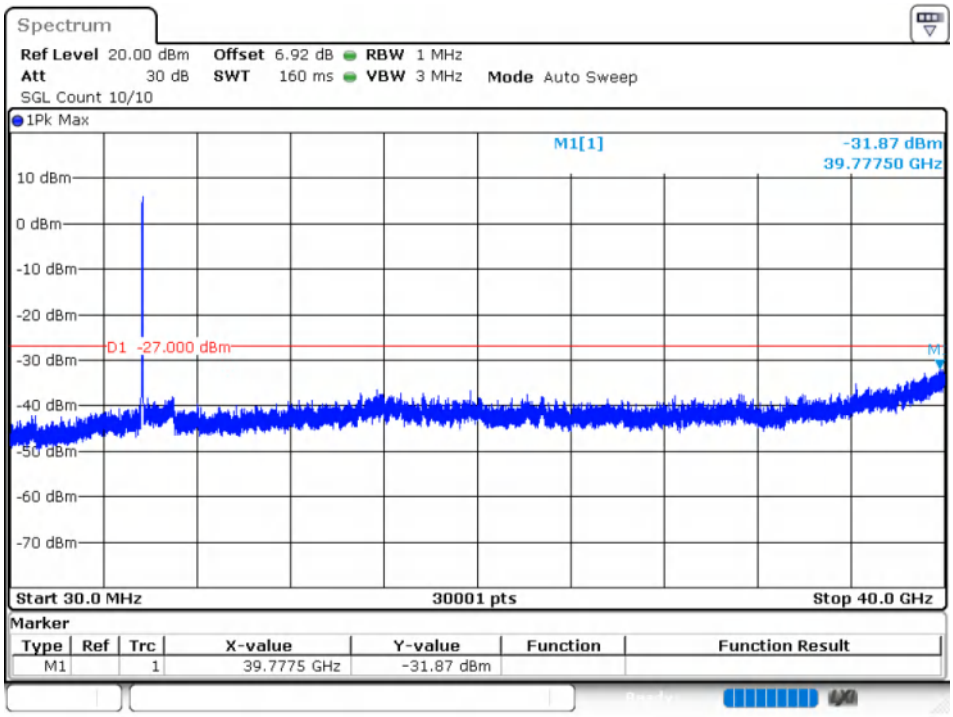
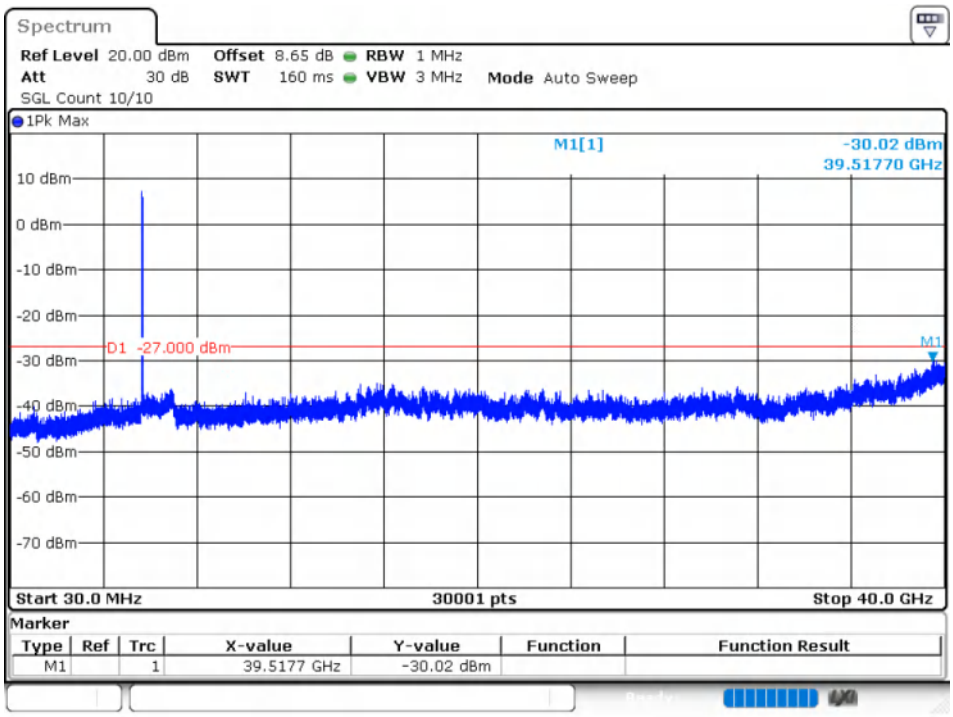


Tx. Spurious NVNT n40 5670MHz Ant2 Emission

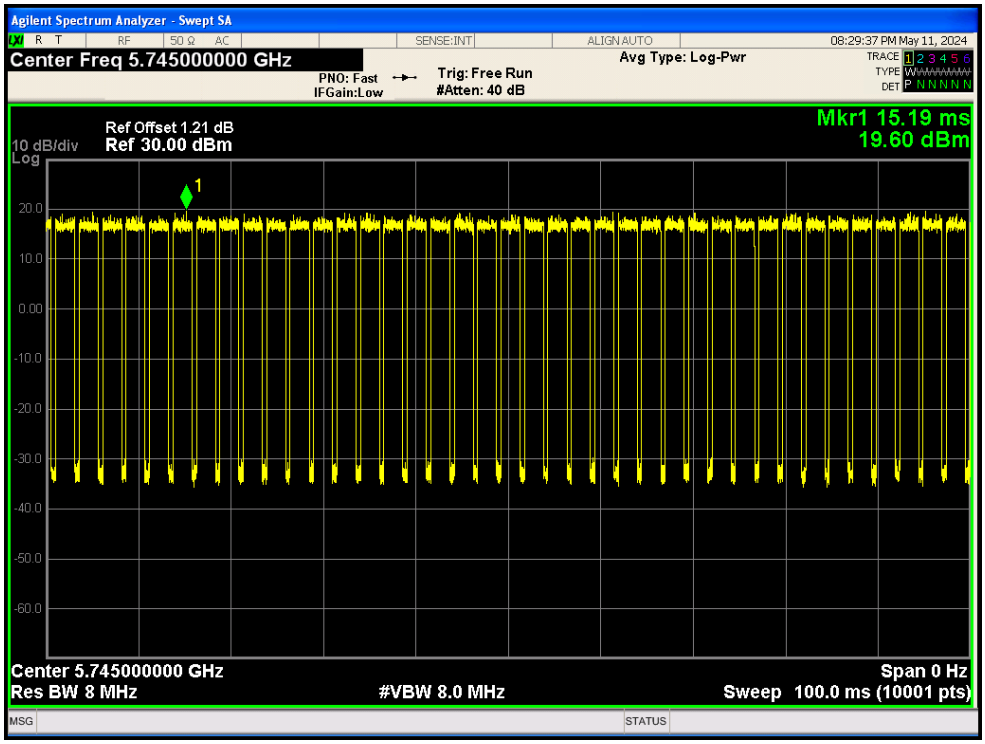


5.8G

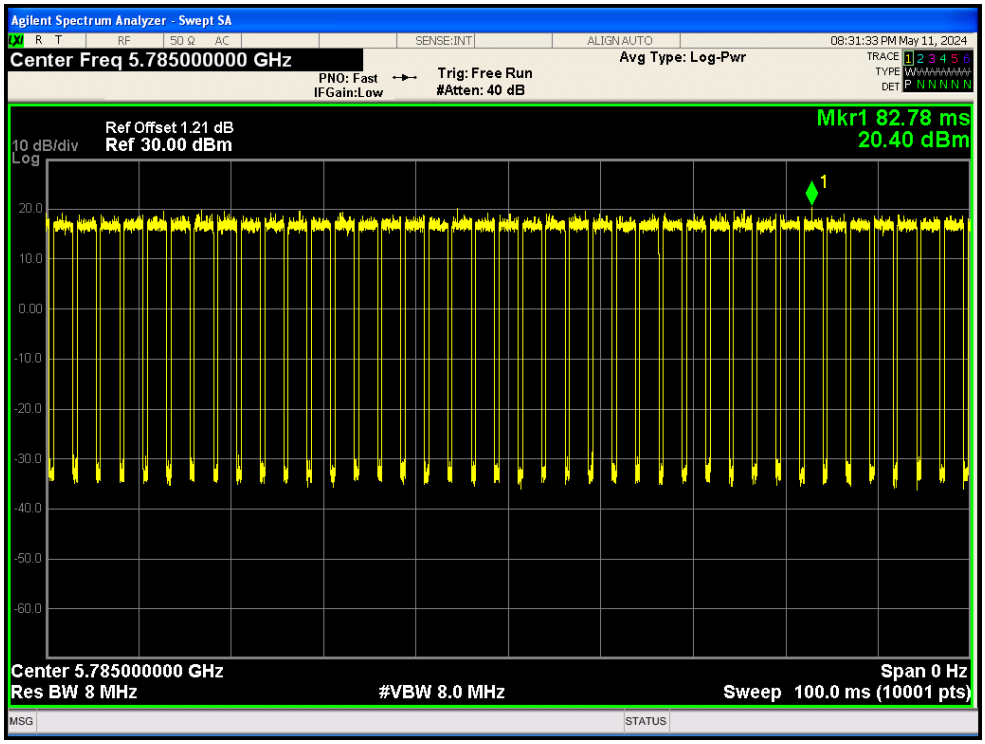
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	80.97	0.92
NVNT	a	5785	Ant1	80.98	0.92
NVNT	a	5825	Ant1	81.46	0.89
NVNT	a	5745	Ant2	81.41	0.89
NVNT	a	5785	Ant2	81.42	0.89
NVNT	a	5825	Ant2	81.49	0.89
NVNT	ac20	5745	Ant1	81.32	0.9
NVNT	ac20	5785	Ant1	80.94	0.92
NVNT	ac20	5825	Ant1	81.31	0.9
NVNT	ac20	5745	Ant2	81.33	0.9
NVNT	ac20	5785	Ant2	81.3	0.9
NVNT	ac20	5825	Ant2	81.35	0.9
NVNT	ac40	5755	Ant1	81.47	0.89
NVNT	ac40	5795	Ant1	81.34	0.9
NVNT	ac40	5755	Ant2	81.49	0.89
NVNT	ac40	5795	Ant2	81.51	0.89
NVNT	ac80	5775	Ant1	80.8	0.93
NVNT	ac80	5775	Ant2	80.75	0.93
NVNT	n20	5745	Ant1	80.96	0.92
NVNT	n20	5785	Ant1	81.4	0.89
NVNT	n20	5825	Ant1	81.33	0.9
NVNT	n20	5745	Ant2	80.96	0.92
NVNT	n20	5785	Ant2	80.97	0.92
NVNT	n20	5825	Ant2	81.33	0.9
NVNT	n40	5755	Ant1	81.36	0.9
NVNT	n40	5795	Ant1	81.36	0.9
NVNT	n40	5755	Ant2	81.39	0.89
NVNT	n40	5795	Ant2	81.35	0.9

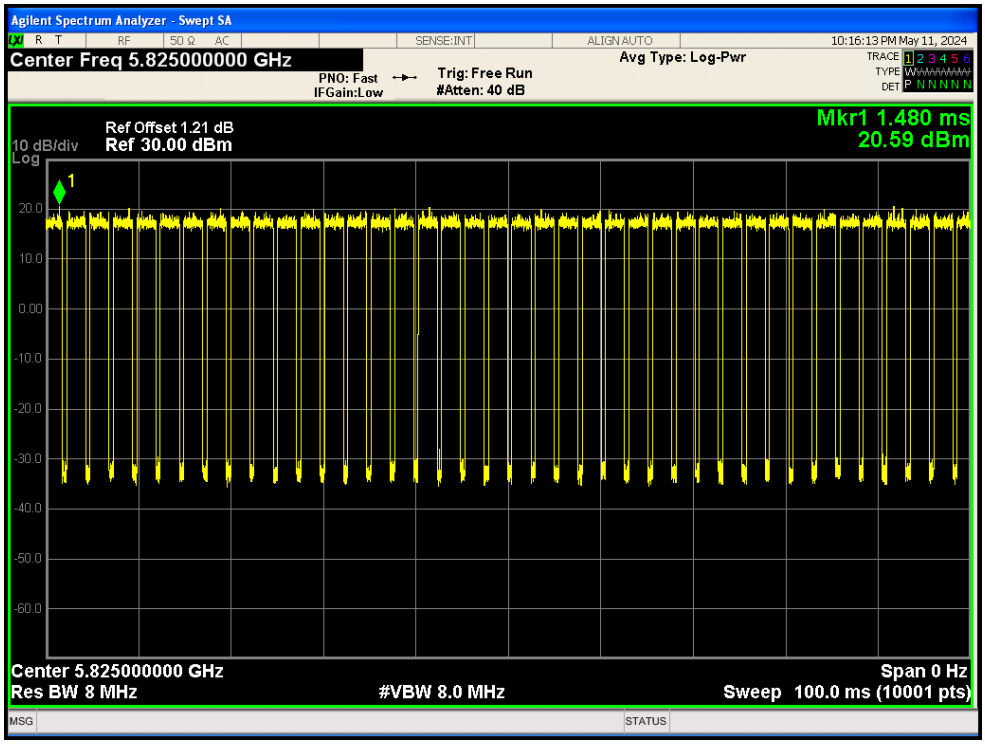
Duty Cycle NVNT a 5745MHz Ant1



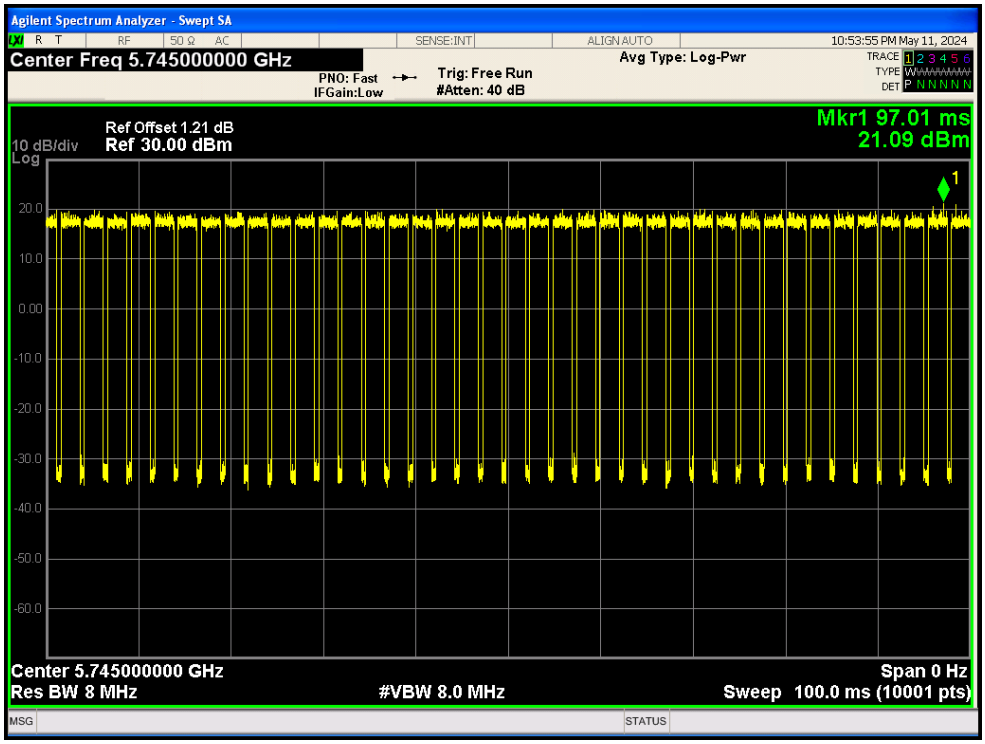
Duty Cycle NVNT a 5785MHz Ant1



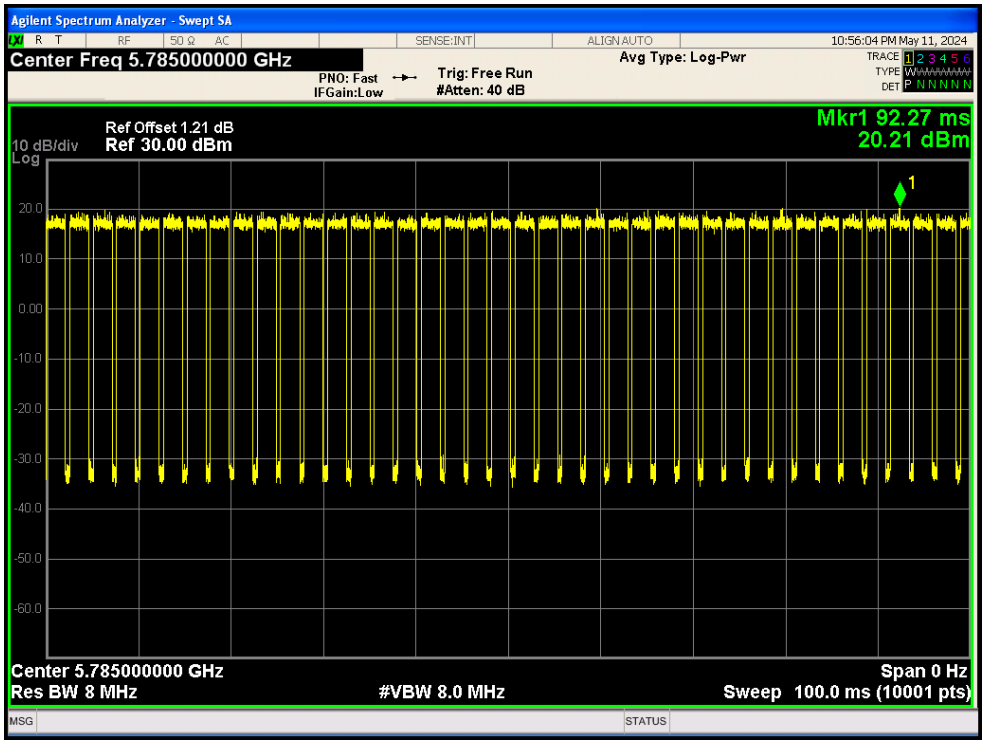
Duty Cycle NVNT a 5825MHz Ant1



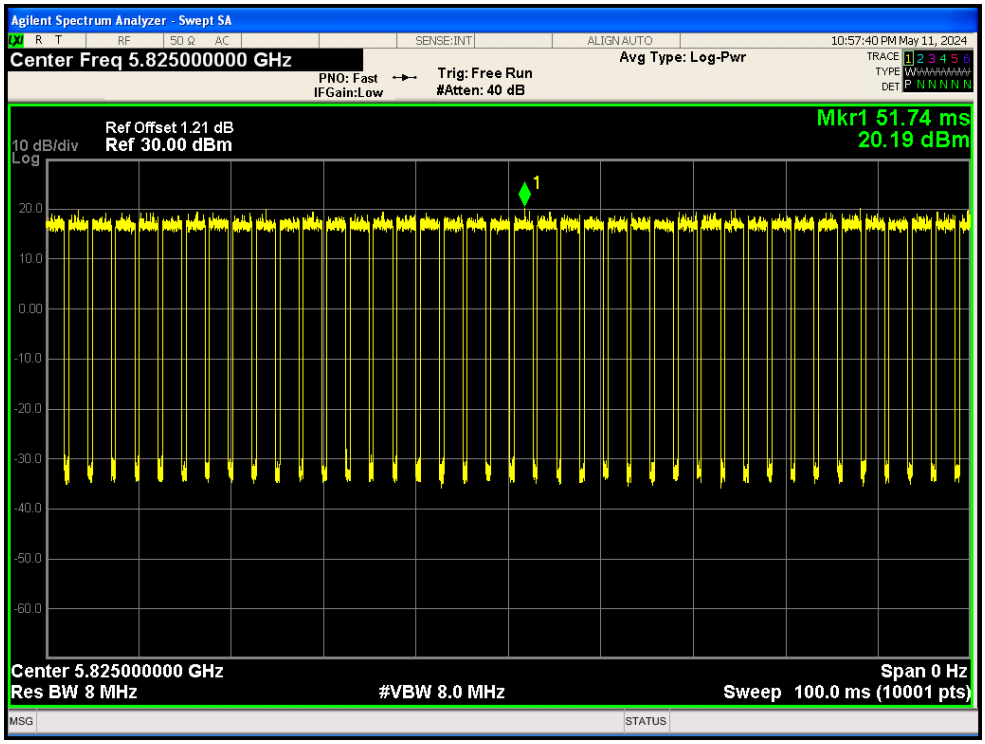
Duty Cycle NVNT a 5745MHz Ant2



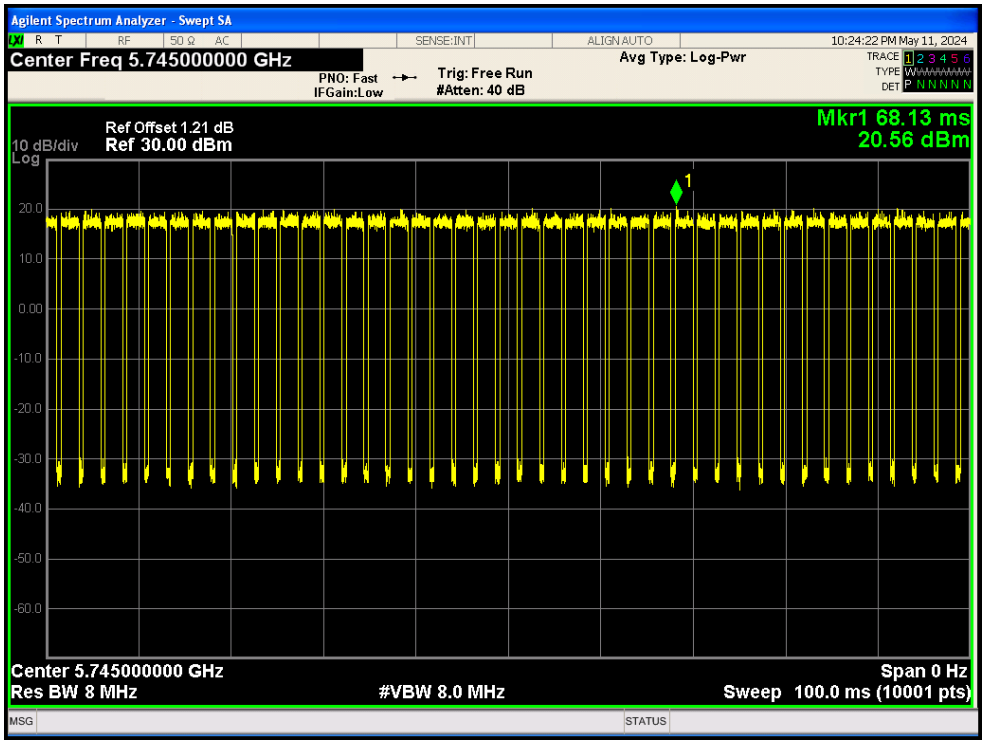
Duty Cycle NVNT a 5785MHz Ant2



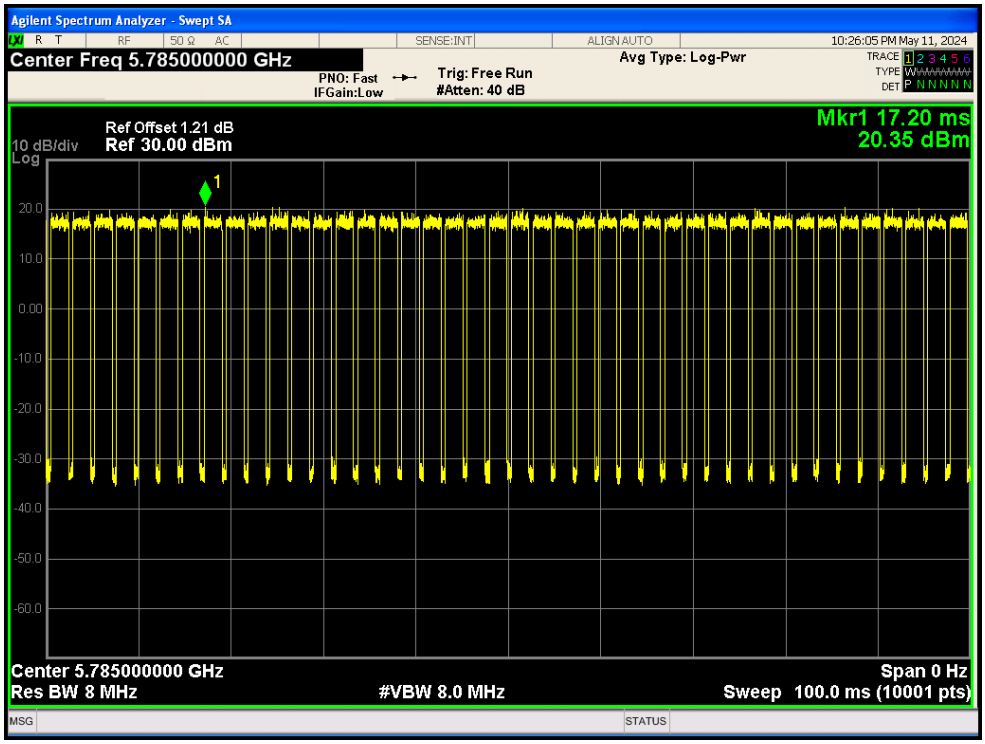
Duty Cycle NVNT a 5825MHz Ant2



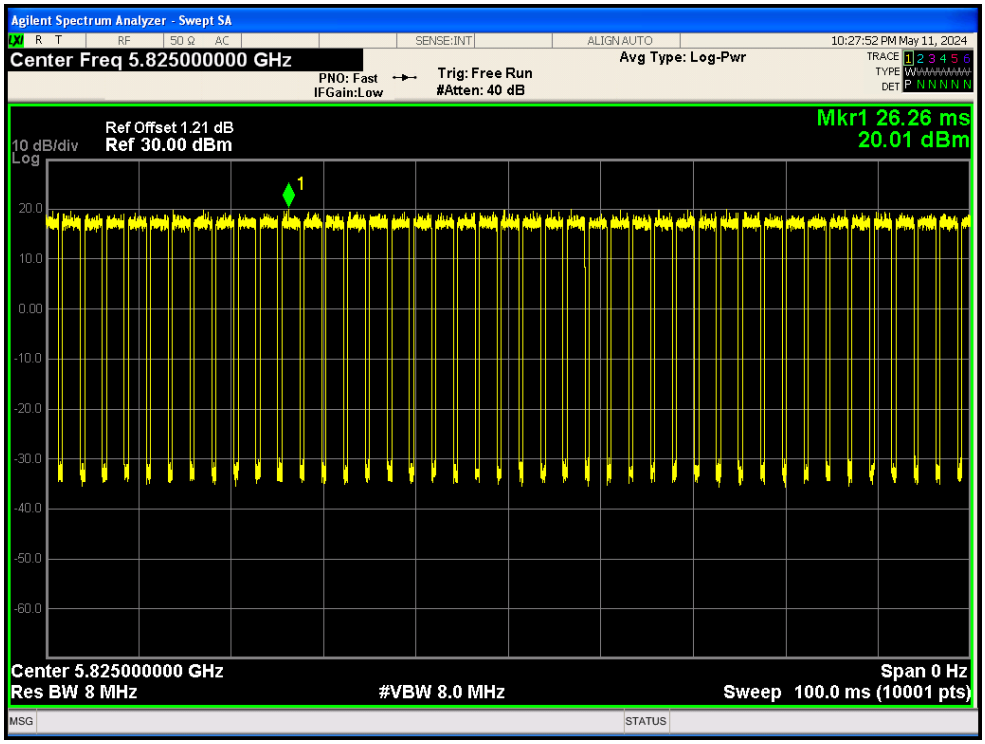
Duty Cycle NVNT ac20 5745MHz Ant1



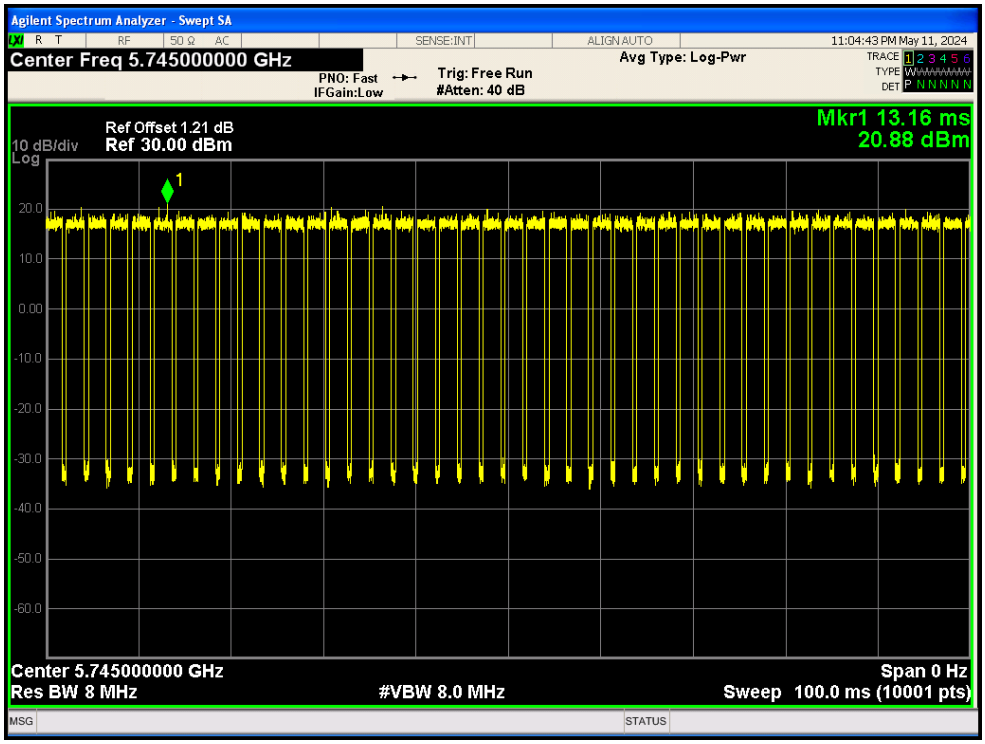
Duty Cycle NVNT ac20 5785MHz Ant1



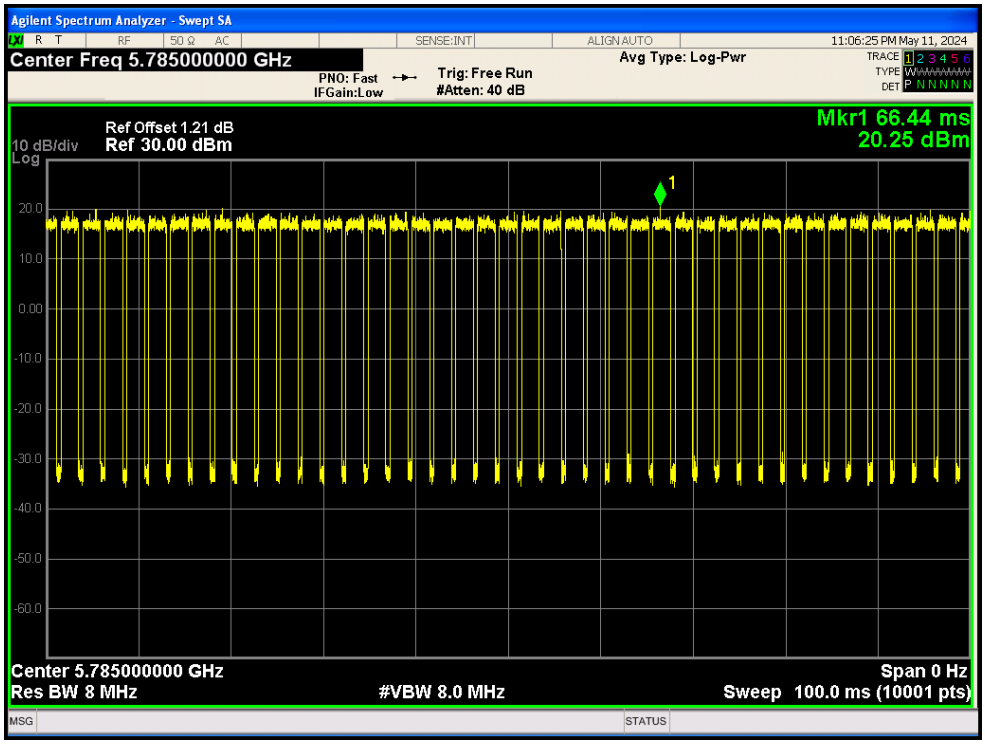
Duty Cycle NVNT ac20 5825MHz Ant1



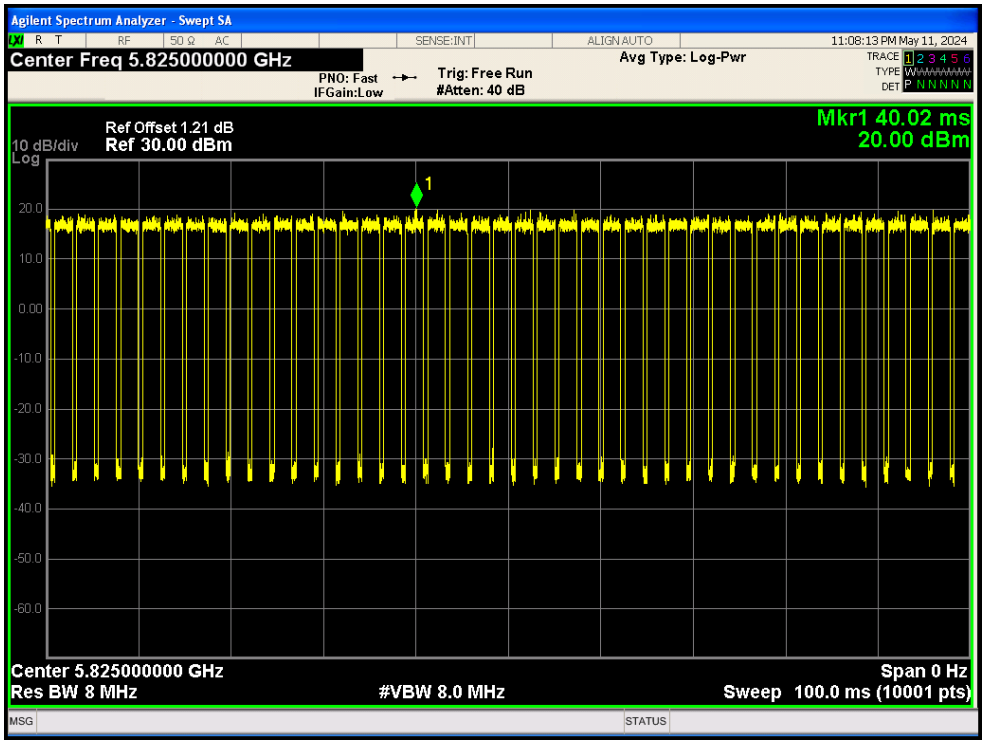
Duty Cycle NVNT ac20 5745MHz Ant2



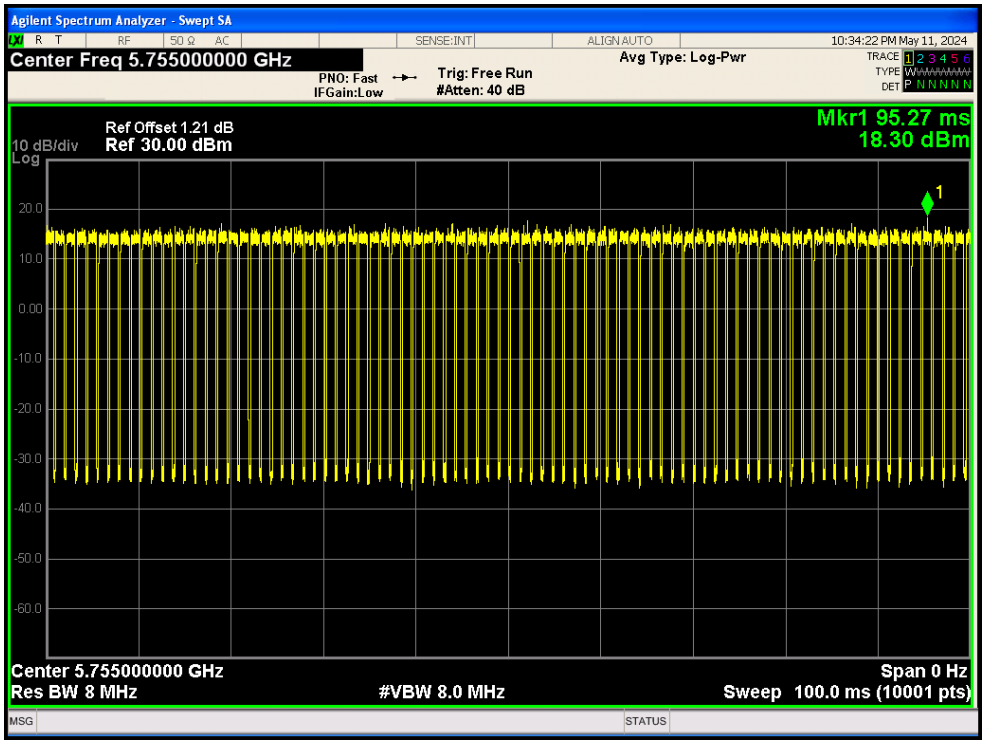
Duty Cycle NVNT ac20 5785MHz Ant2



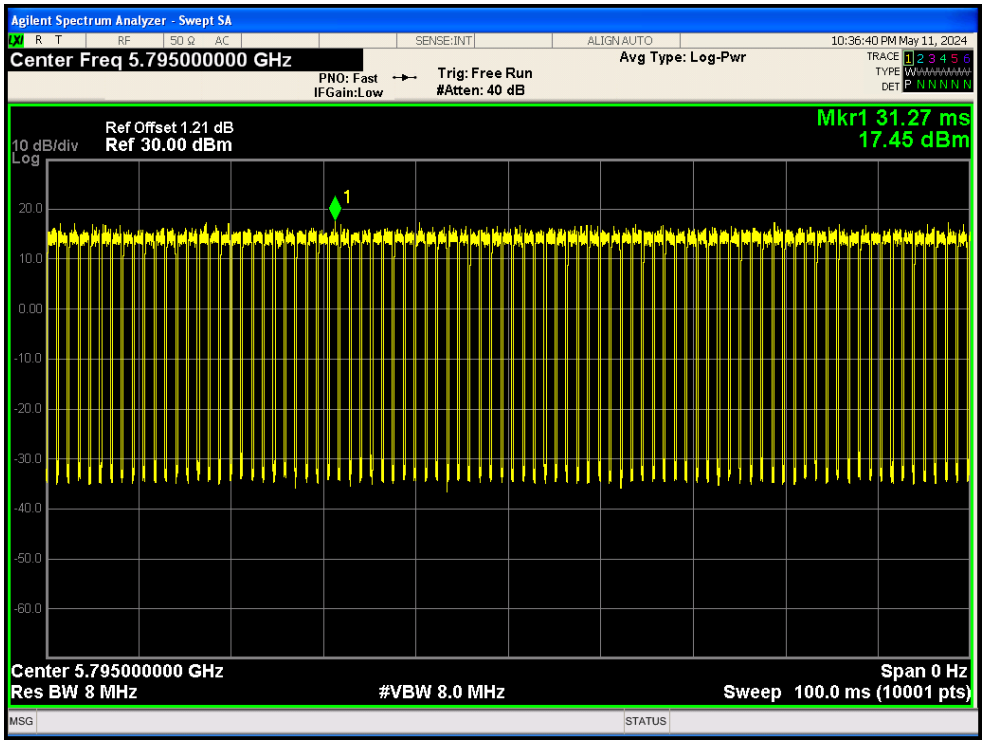
Duty Cycle NVNT ac20 5825MHz Ant2



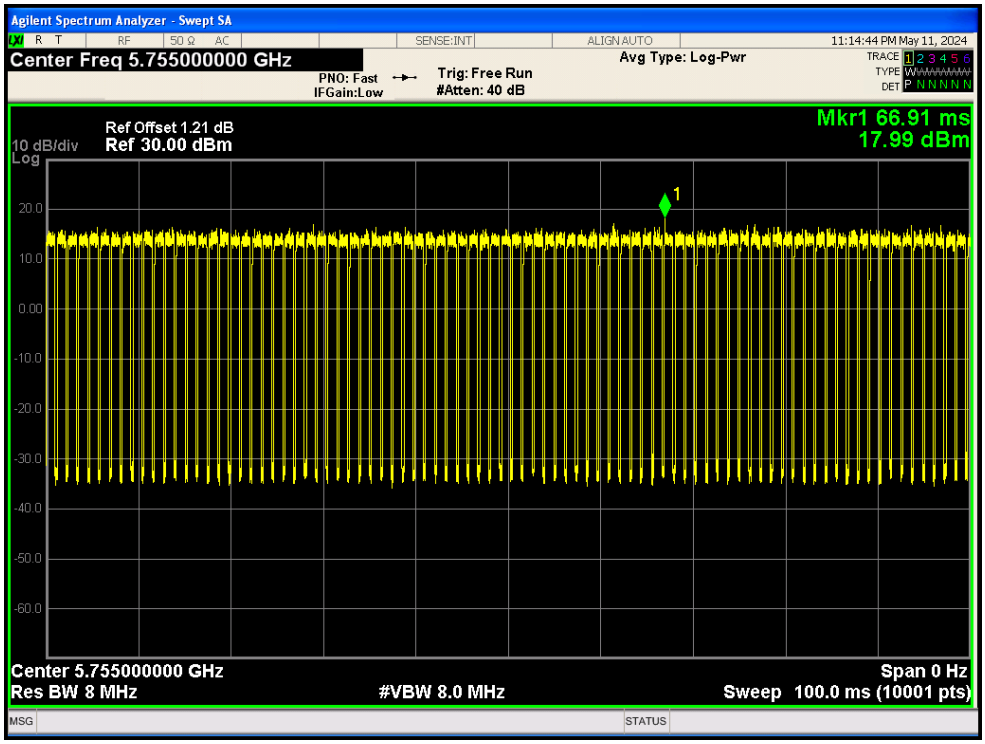
Duty Cycle NVNT ac40 5755MHz Ant1



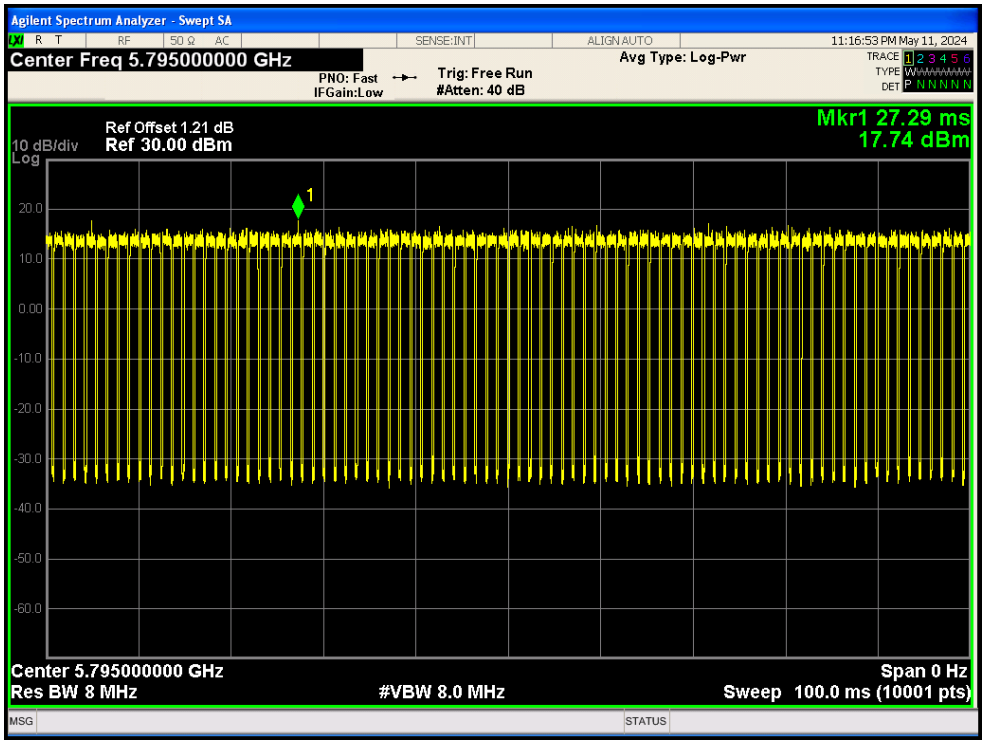
Duty Cycle NVNT ac40 5795MHz Ant1



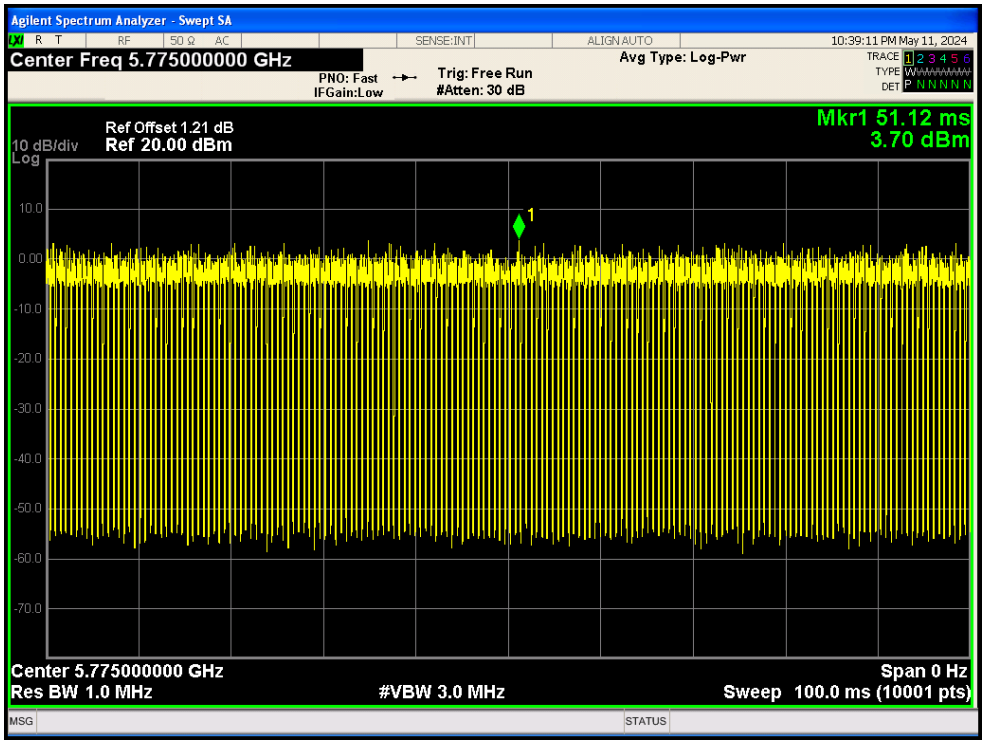
Duty Cycle NVNT ac40 5755MHz Ant2



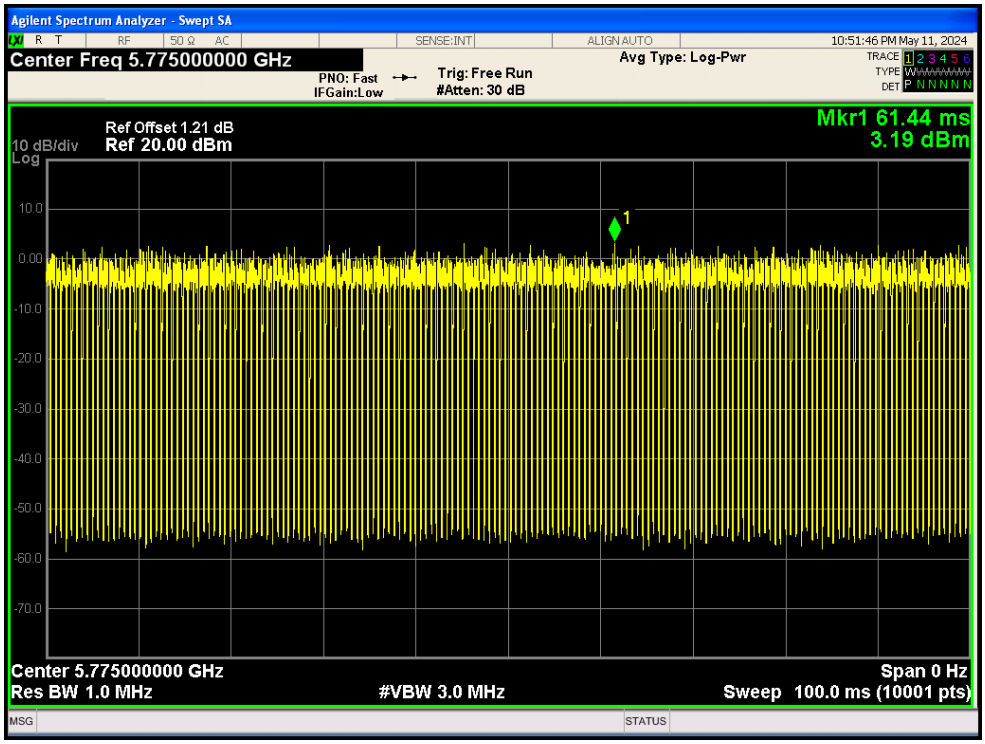
Duty Cycle NVNT ac40 5795MHz Ant2



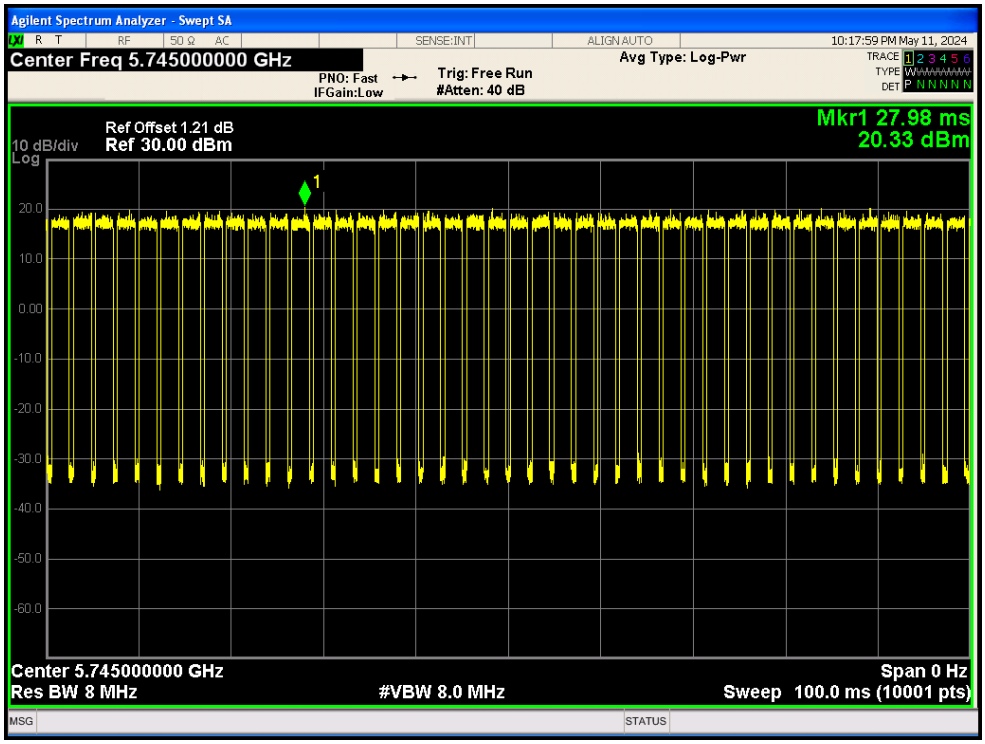
Duty Cycle NVNT ac80 5775MHz Ant1



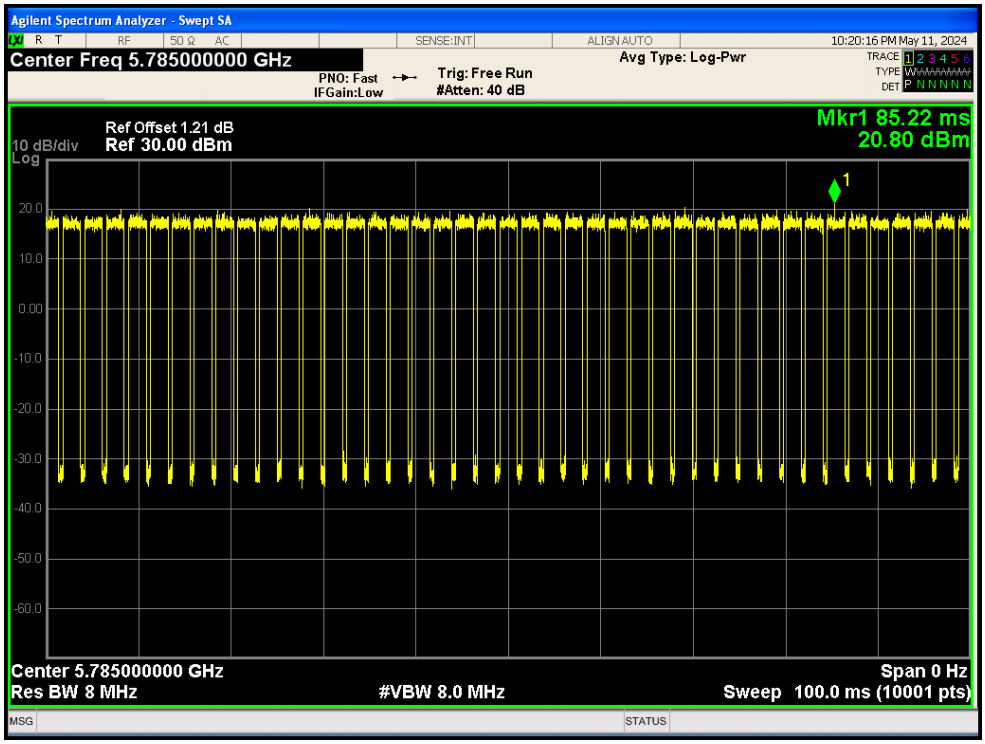
Duty Cycle NVNT ac80 5775MHz Ant2



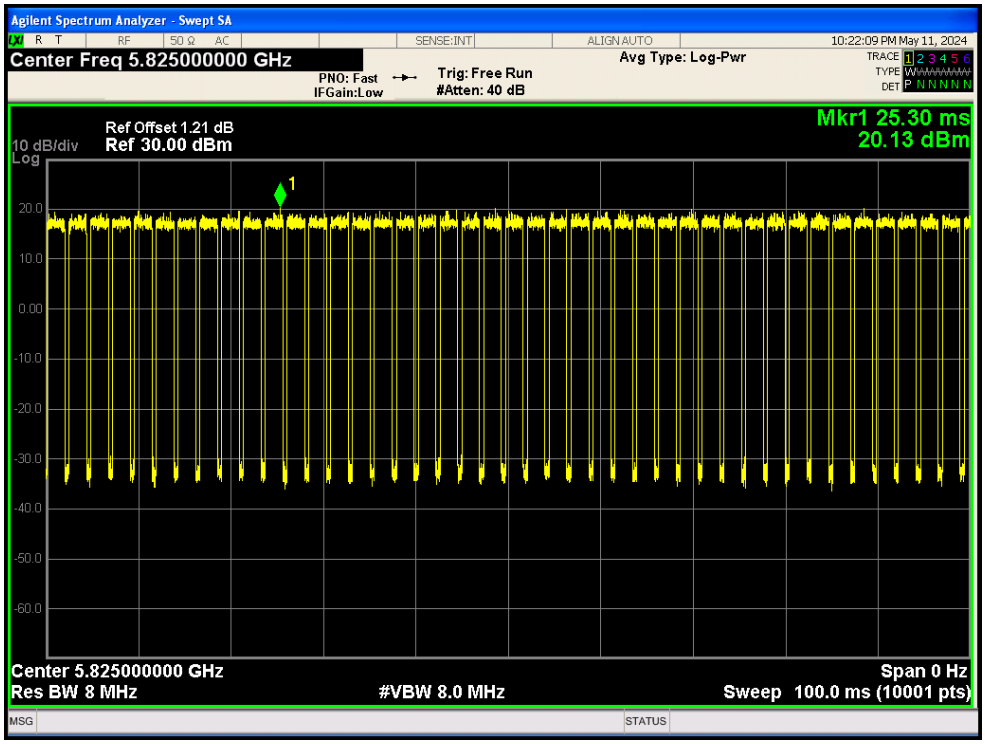
Duty Cycle NVNT n20 5745MHz Ant1



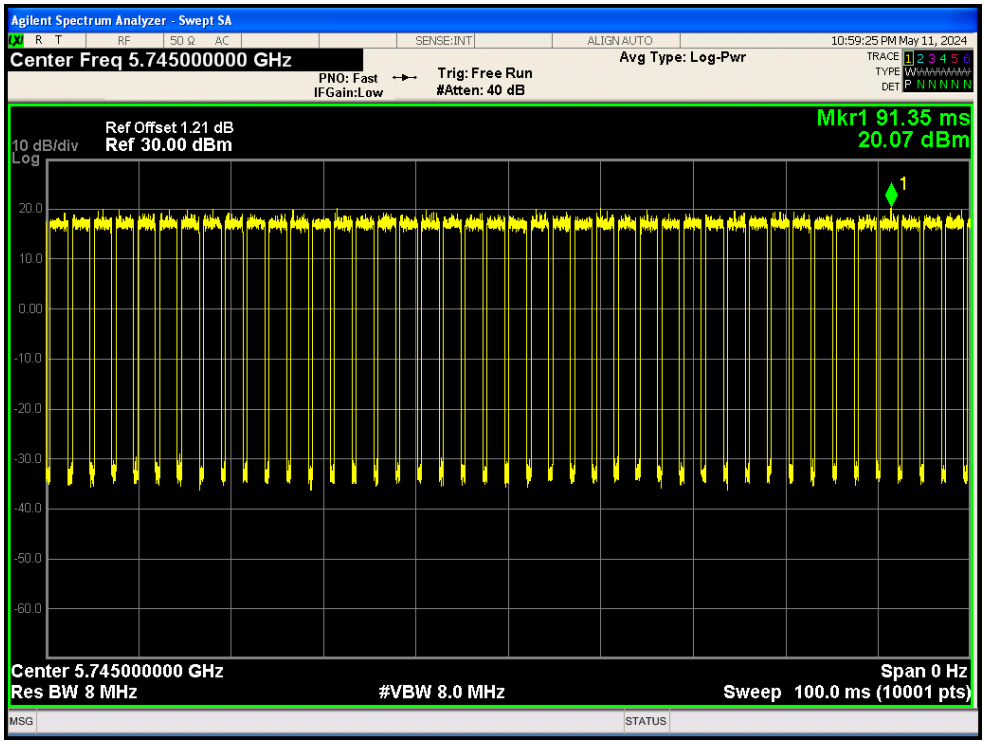
Duty Cycle NVNT n20 5785MHz Ant1



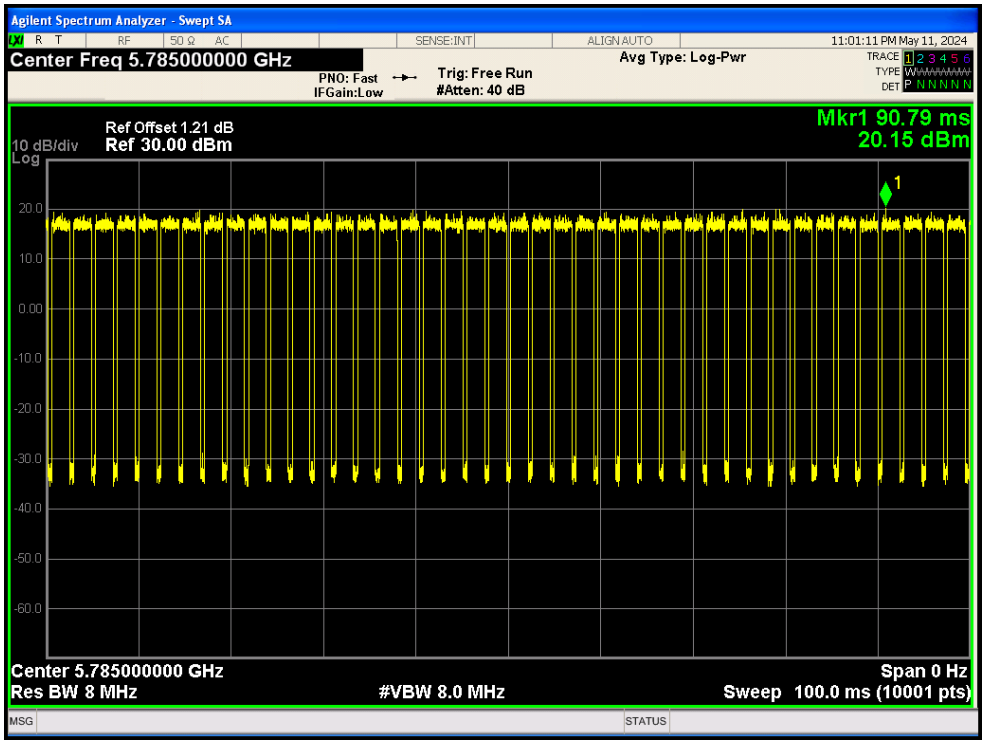
Duty Cycle NVNT n20 5825MHz Ant1



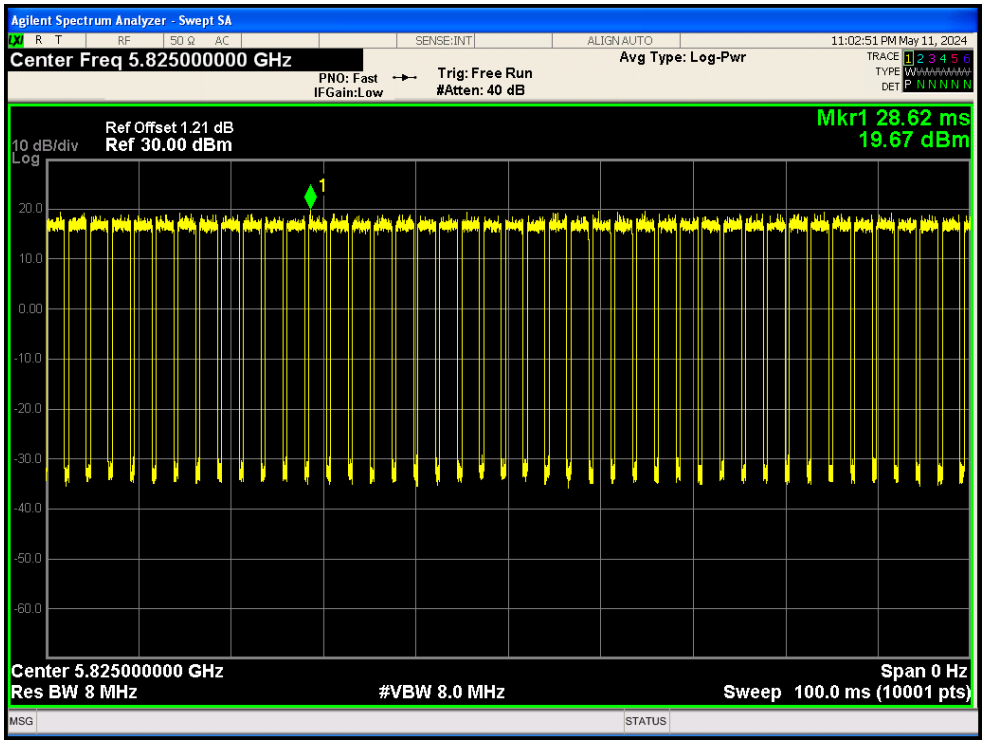
Duty Cycle NVNT n20 5745MHz Ant2



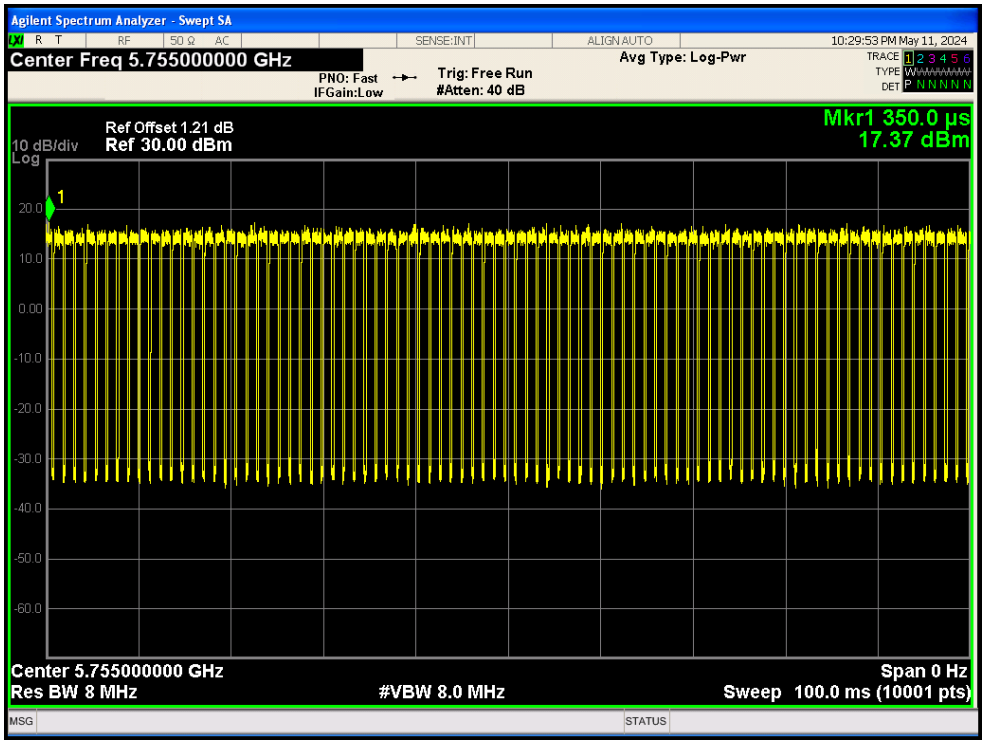
Duty Cycle NVNT n20 5785MHz Ant2



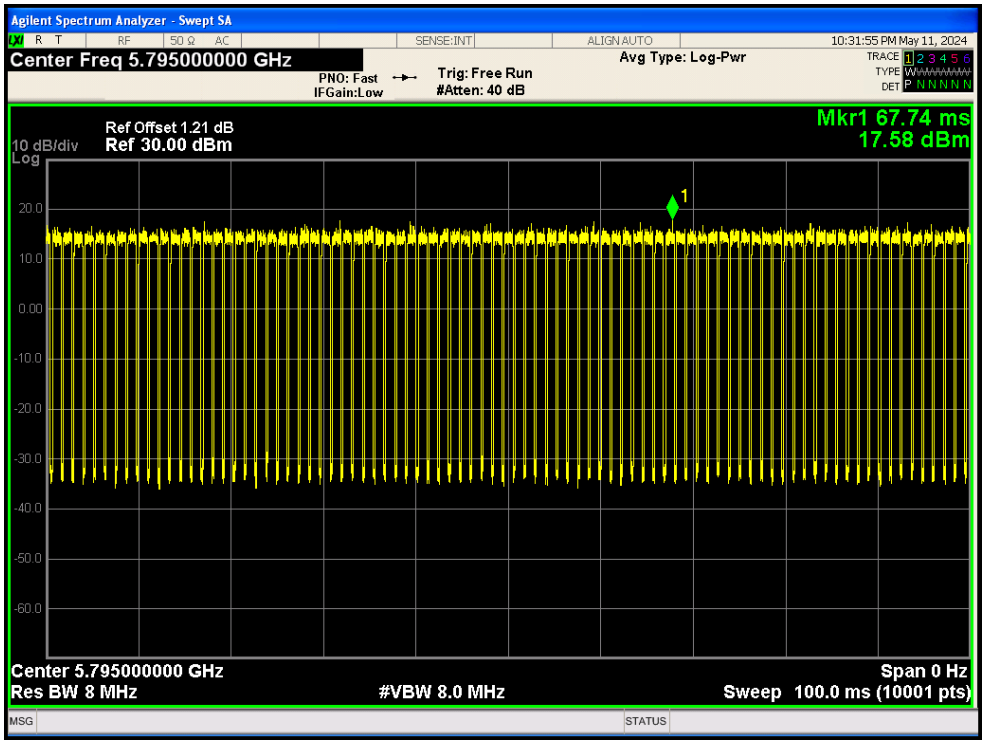
Duty Cycle NVNT n20 5825MHz Ant2



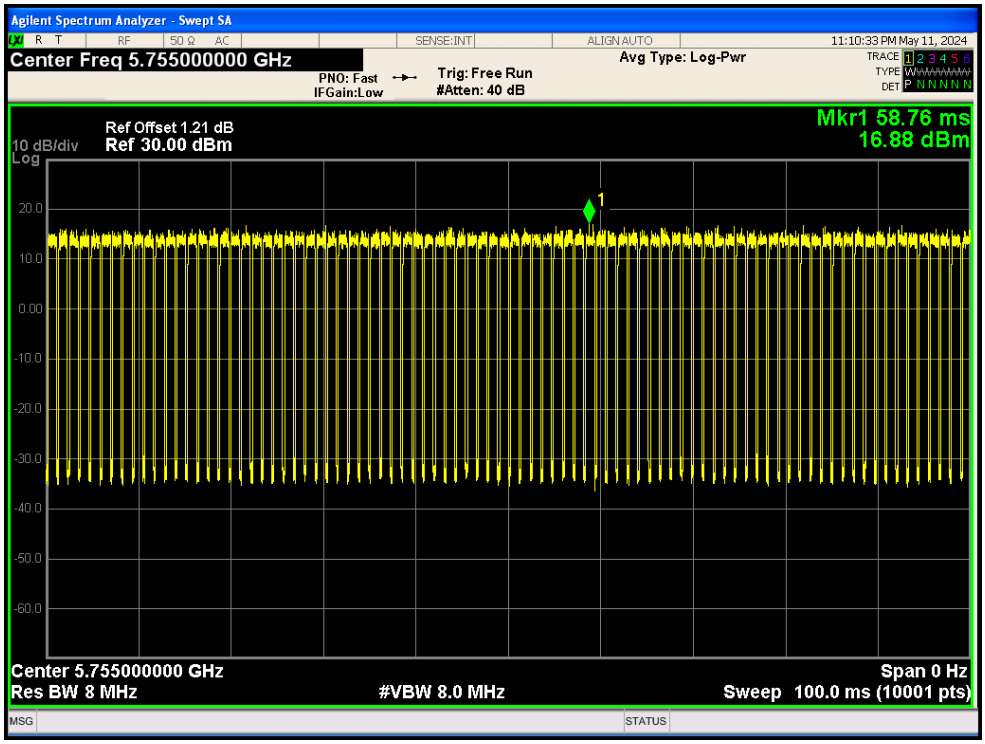
Duty Cycle NVNT n40 5755MHz Ant1



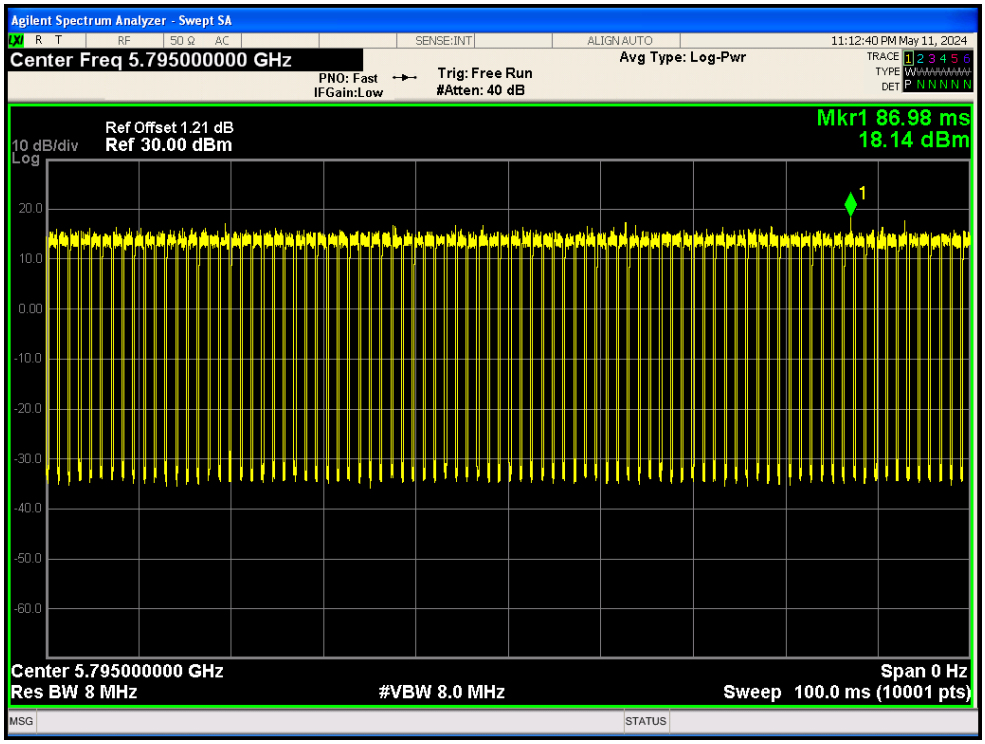
Duty Cycle NVNT n40 5795MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant2



Duty Cycle NVNT n40 5795MHz Ant2

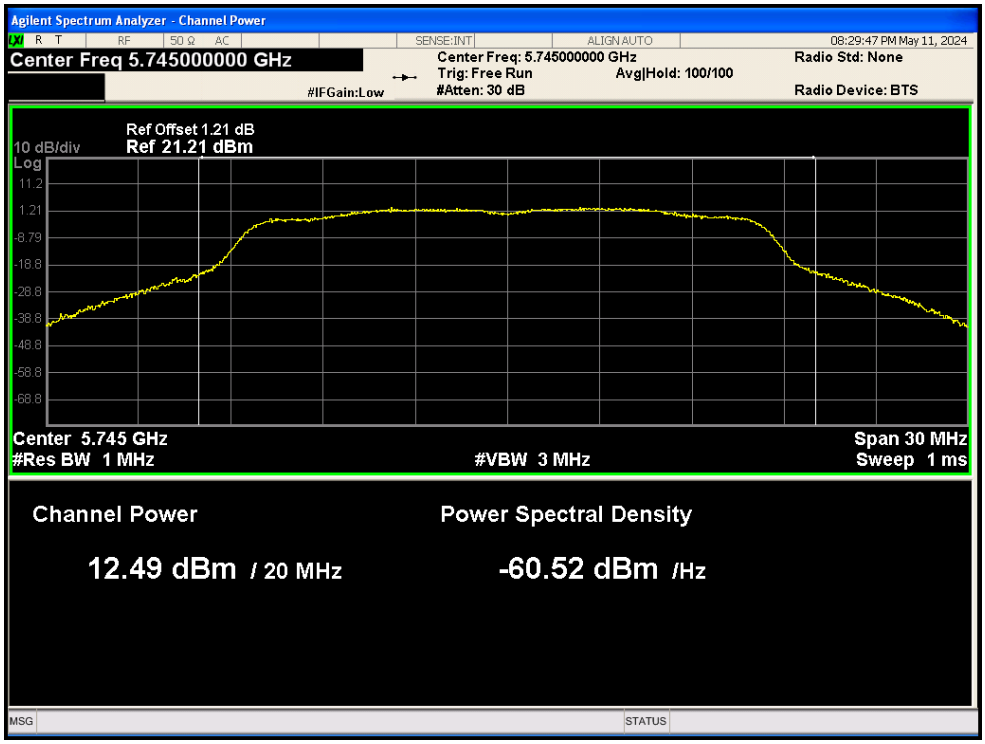


Maximum Conducted Output Power

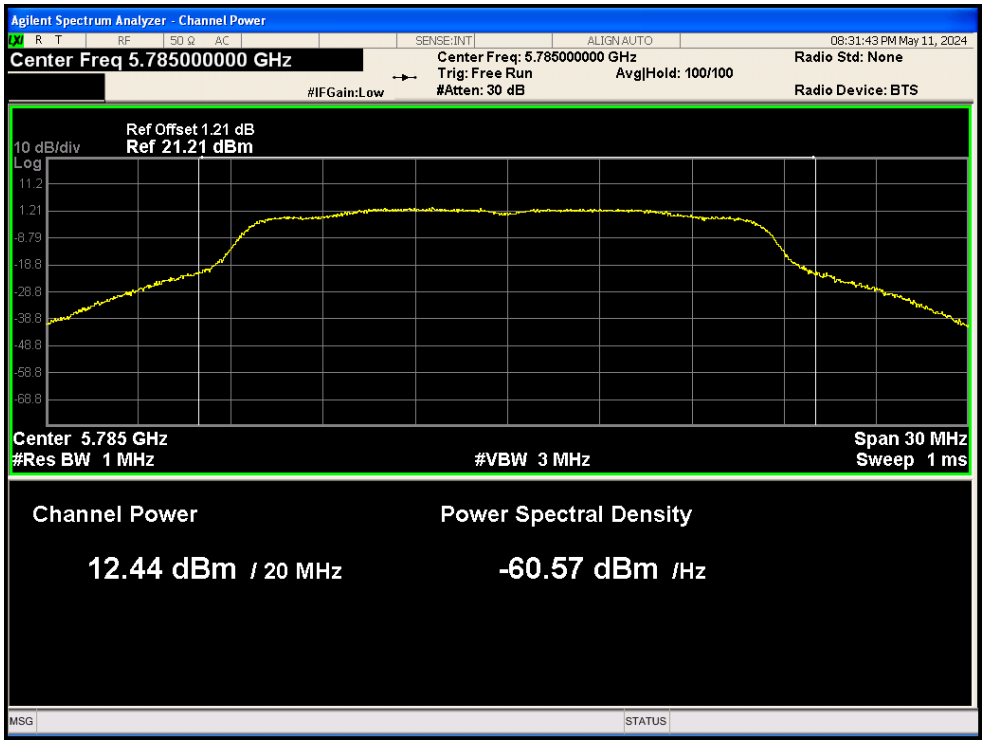
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	13.409	29.44	Pass
NVNT	a	5785	Ant1	13.359	29.44	Pass
NVNT	a	5825	Ant1	13.896	29.44	Pass
NVNT	a	5745	Ant2	14.109	29.44	Pass
NVNT	a	5785	Ant2	13.224	29.44	Pass
NVNT	a	5825	Ant2	13.139	29.44	Pass
NVNT	ac20	5745	Ant1	14.206	29.44	Pass
NVNT	ac20	5785	Ant1	14.031	29.44	Pass
NVNT	ac20	5825	Ant1	14.066	29.44	Pass
NVNT	ac20	5745	Ant2	13.976	29.44	Pass
NVNT	ac20	5785	Ant2	13.648	29.44	Pass
NVNT	ac20	5825	Ant2	13.557	29.44	Pass
NVNT	ac40	5755	Ant1	14.105	29.44	Pass
NVNT	ac40	5795	Ant1	14.293	29.44	Pass
NVNT	ac40	5755	Ant2	13.811	29.44	Pass
NVNT	ac40	5795	Ant2	13.858	29.44	Pass
NVNT	ac80	5775	Ant1	14.48	29.44	Pass
NVNT	ac80	5775	Ant2	14.002	29.44	Pass
NVNT	n20	5745	Ant1	13.855	29.44	Pass
NVNT	n20	5785	Ant1	13.606	29.44	Pass
NVNT	n20	5825	Ant1	13.852	29.44	Pass
NVNT	n20	5745	Ant2	13.822	29.44	Pass
NVNT	n20	5785	Ant2	13.521	29.44	Pass
NVNT	n20	5825	Ant2	13.526	29.44	Pass
NVNT	n40	5755	Ant1	14.413	29.44	Pass
NVNT	n40	5795	Ant1	13.977	29.44	Pass
NVNT	n40	5755	Ant2	13.746	29.44	Pass
NVNT	n40	5795	Ant2	13.848	29.44	Pass

Note:The test has added Duty Factor.

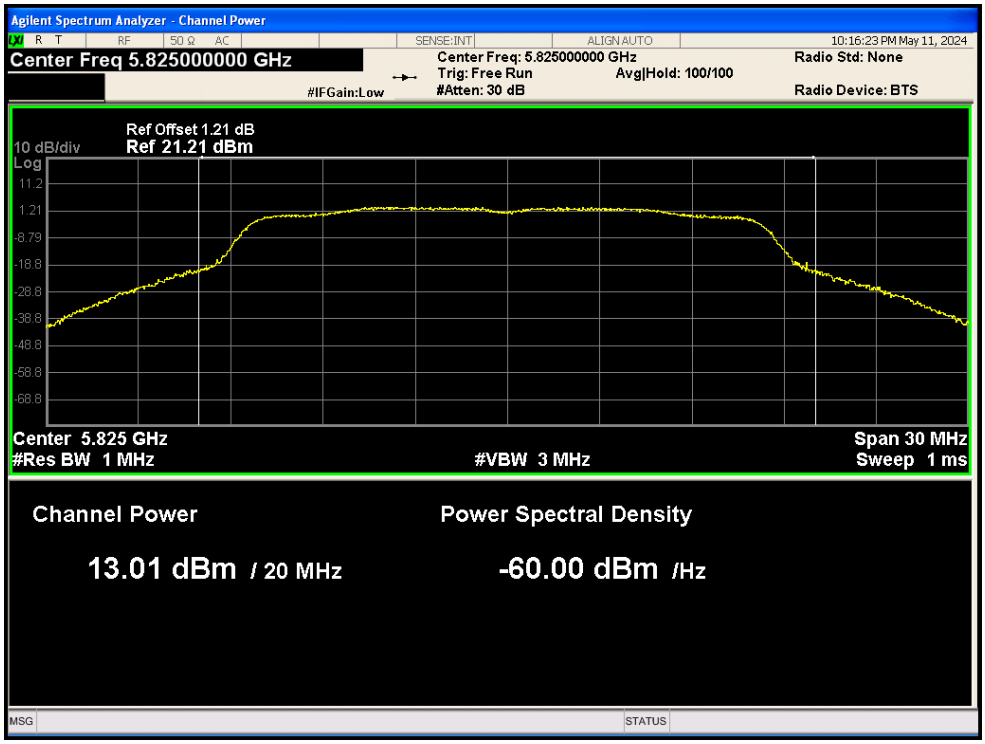
Power NVNT a 5745MHz Ant1



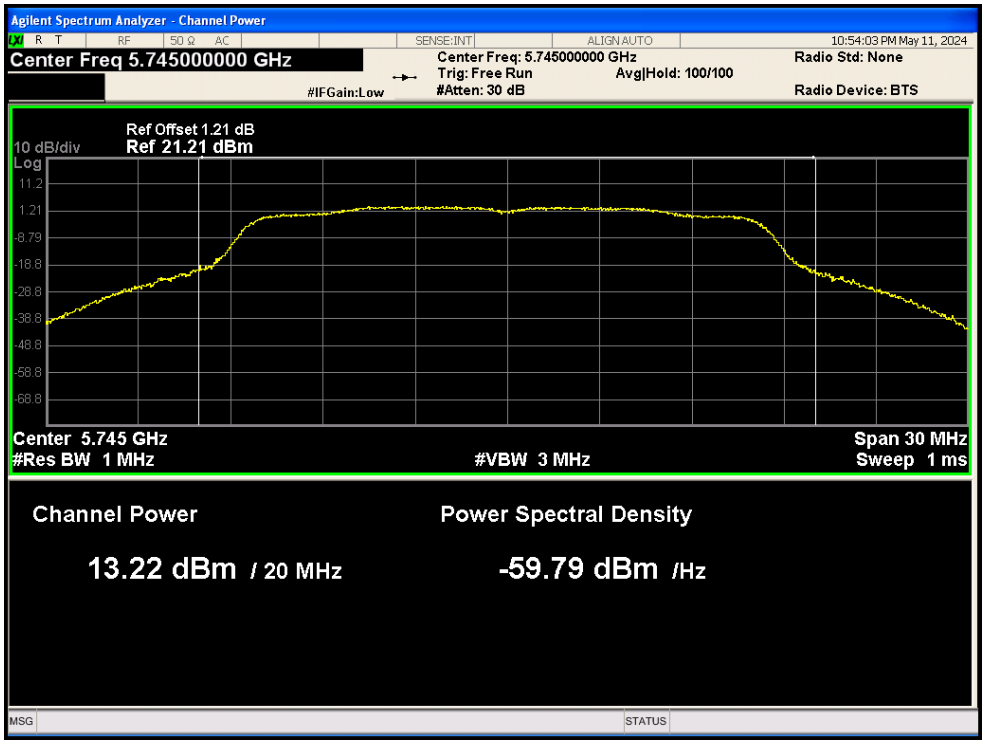
Power NVNT a 5785MHz Ant1



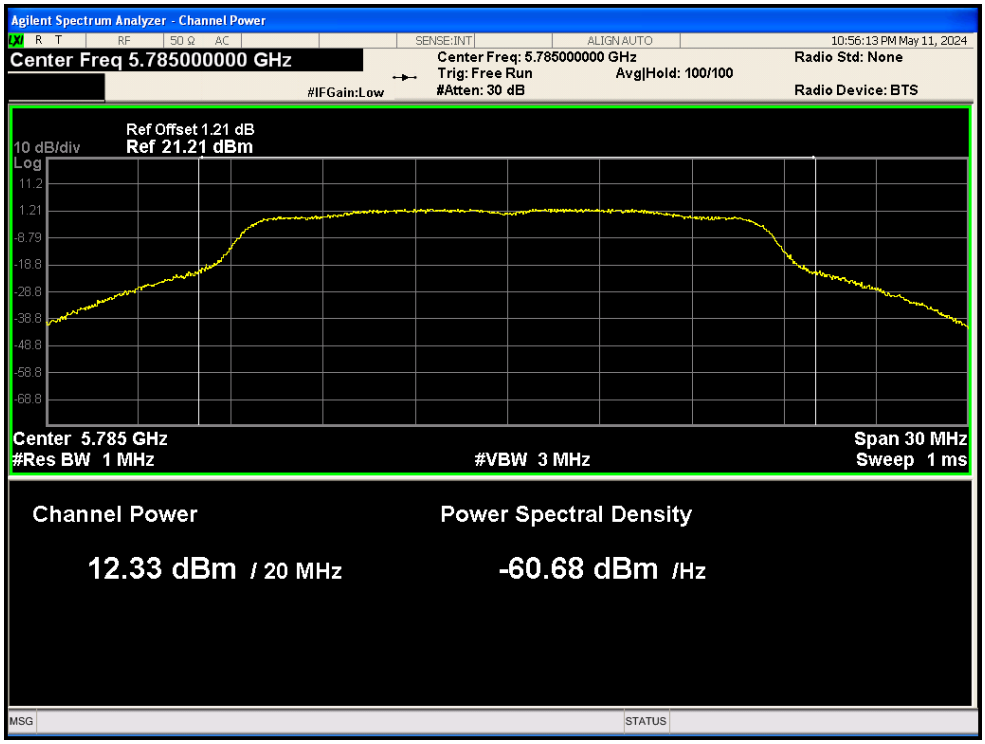
Power NVNT a 5825MHz Ant1



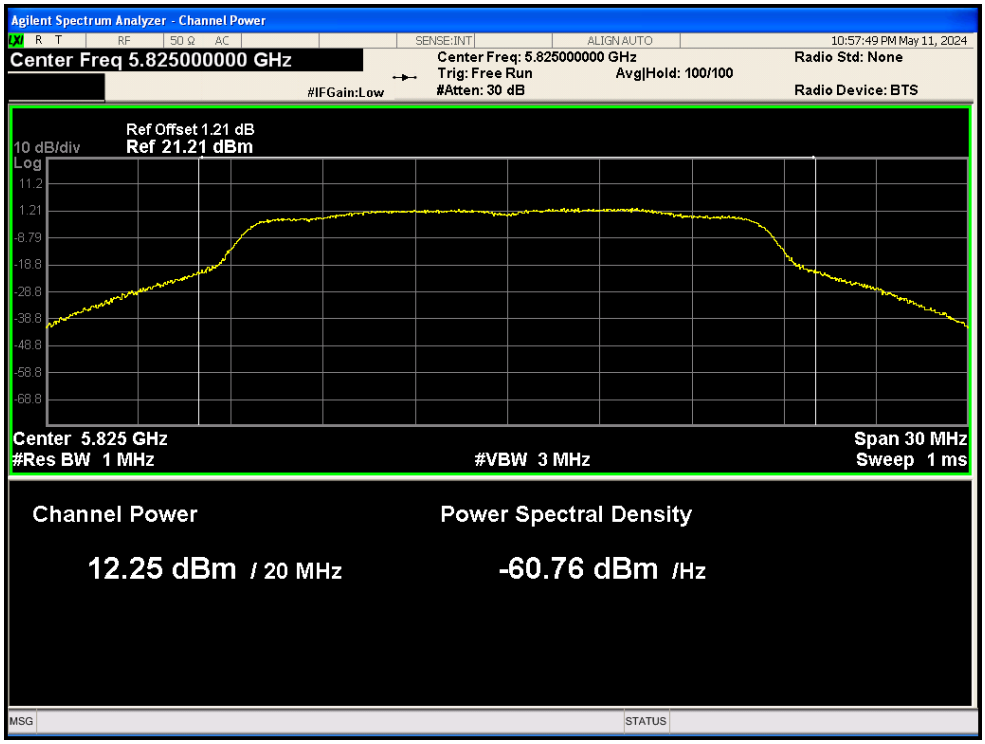
Power NVNT a 5745MHz Ant2



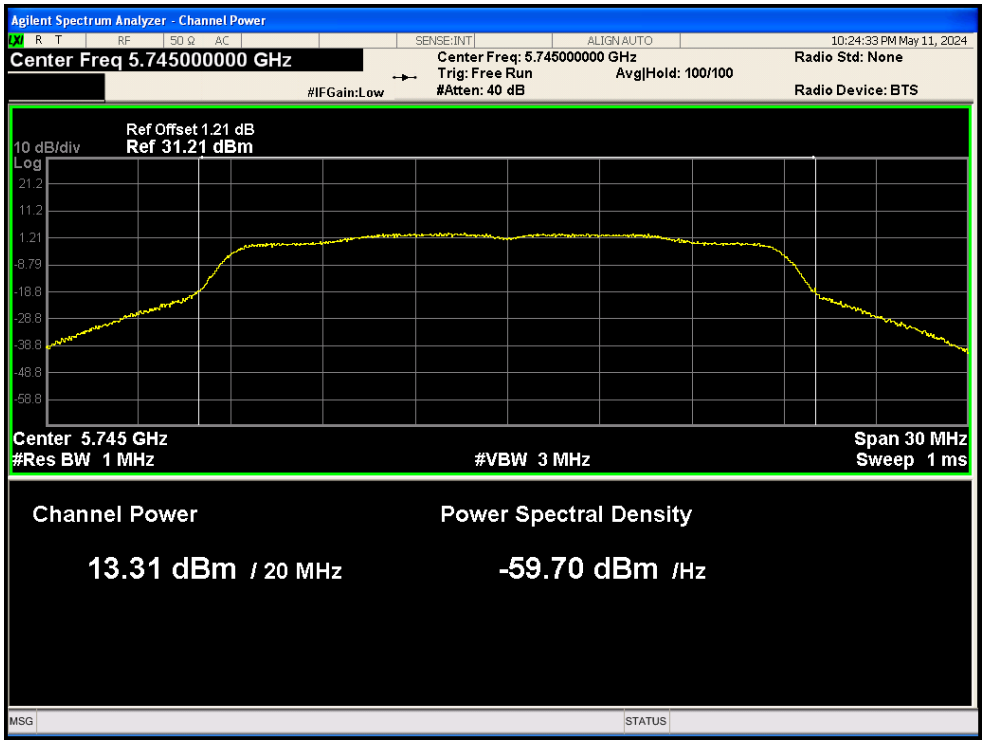
Power NVNT a 5785MHz Ant2



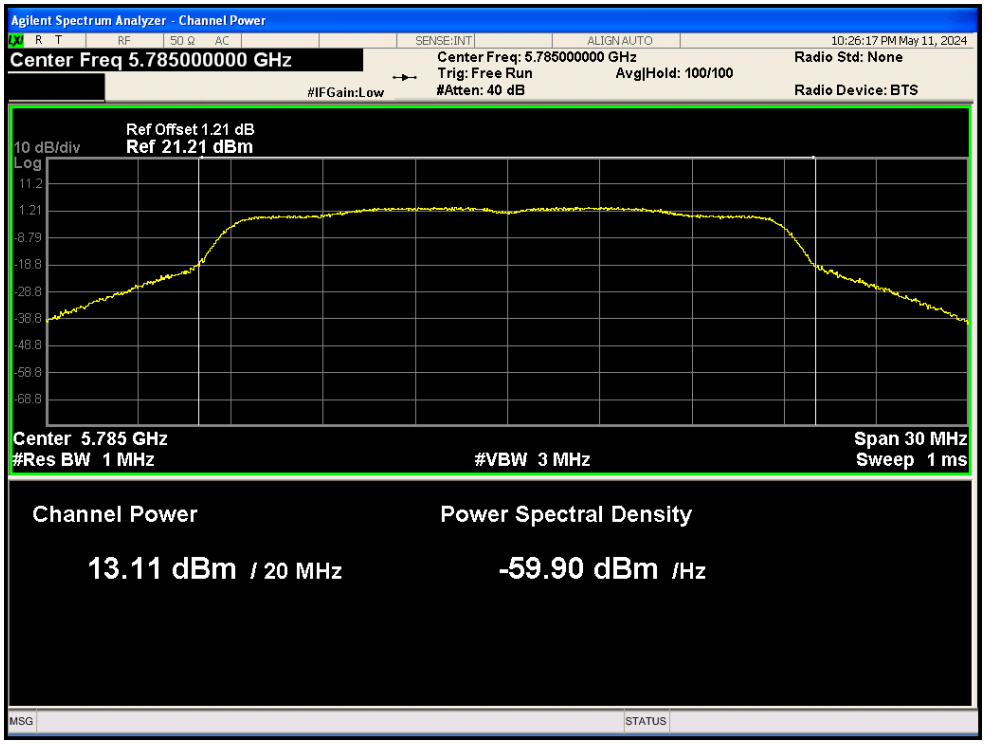
Power NVNT a 5825MHz Ant2



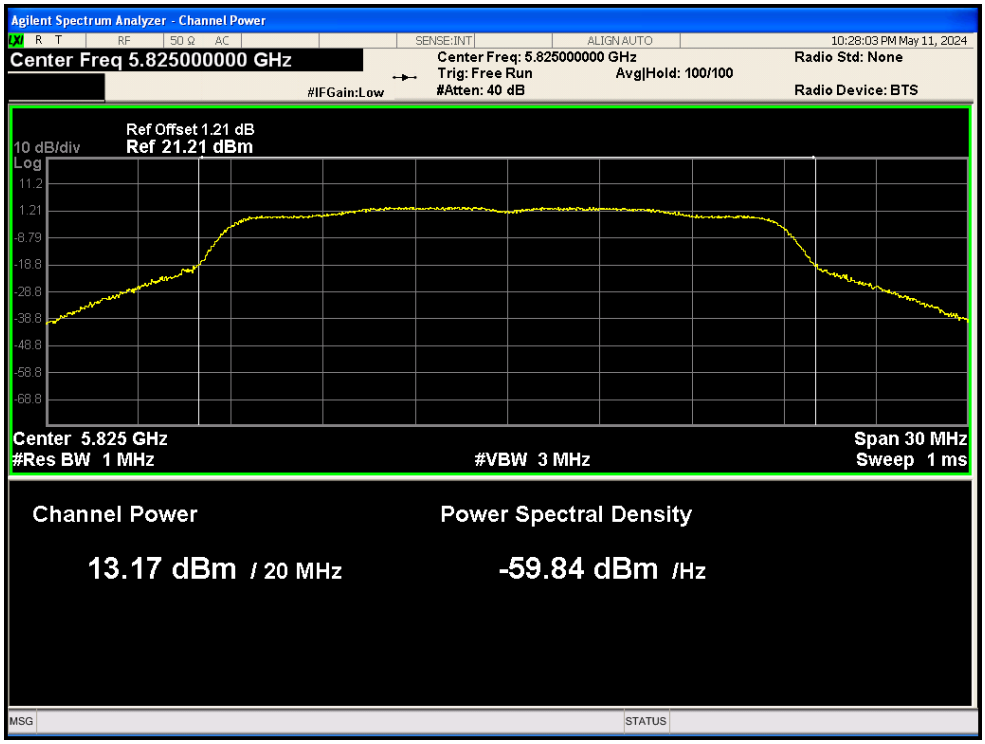
Power NVNT ac20 5745MHz Ant1



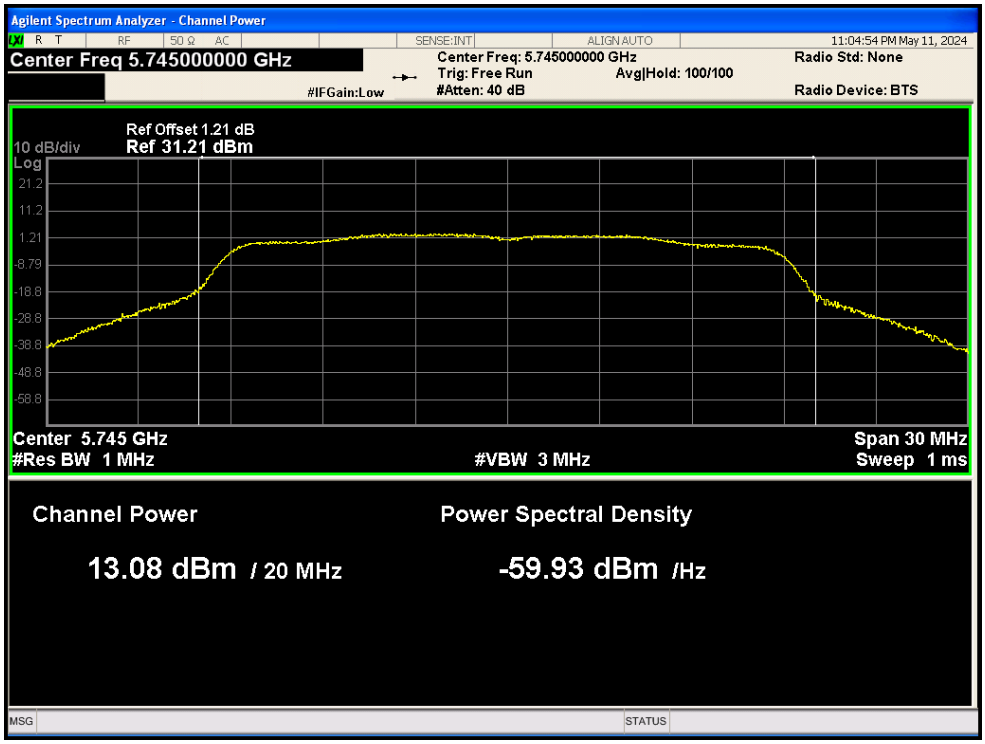
Power NVNT ac20 5785MHz Ant1



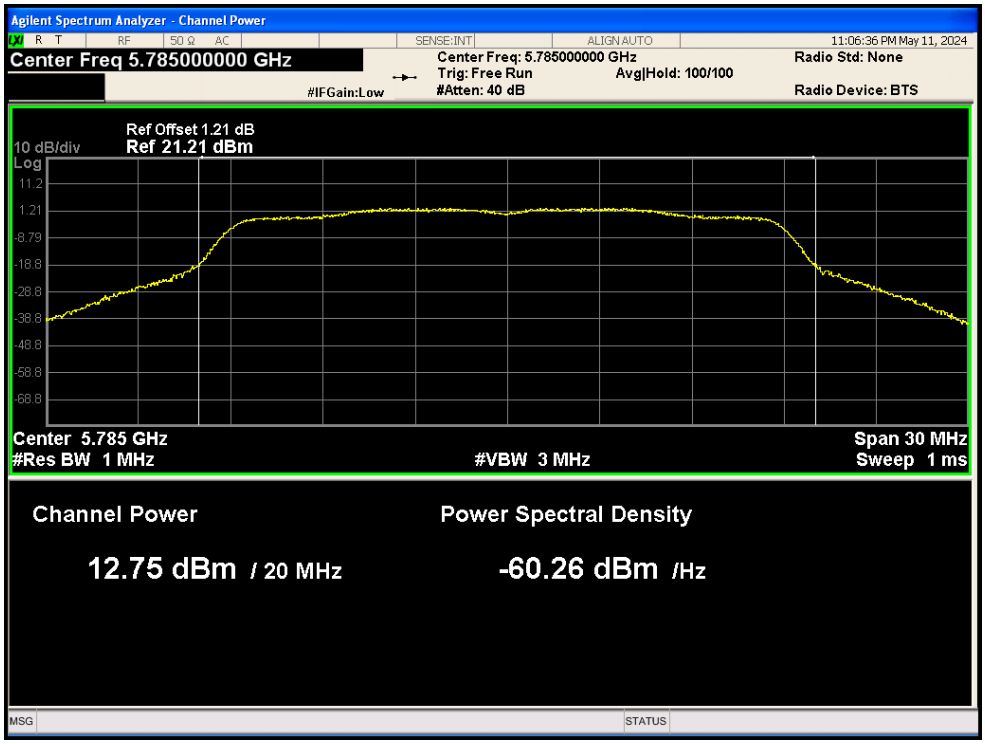
Power NVNT ac20 5825MHz Ant1



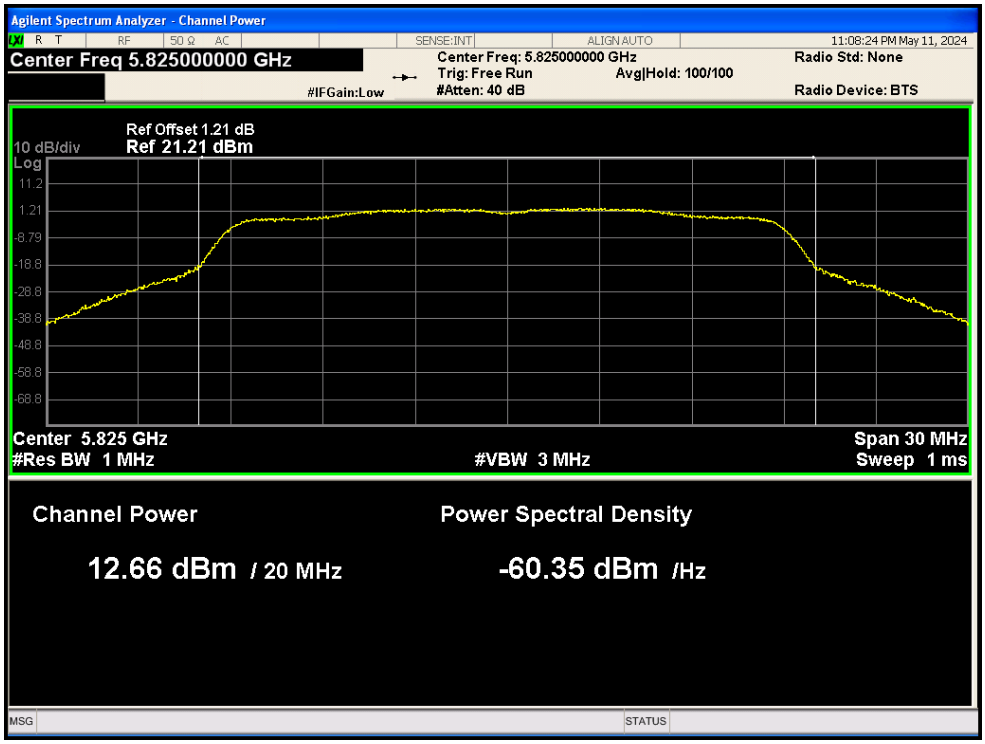
Power NVNT ac20 5745MHz Ant2



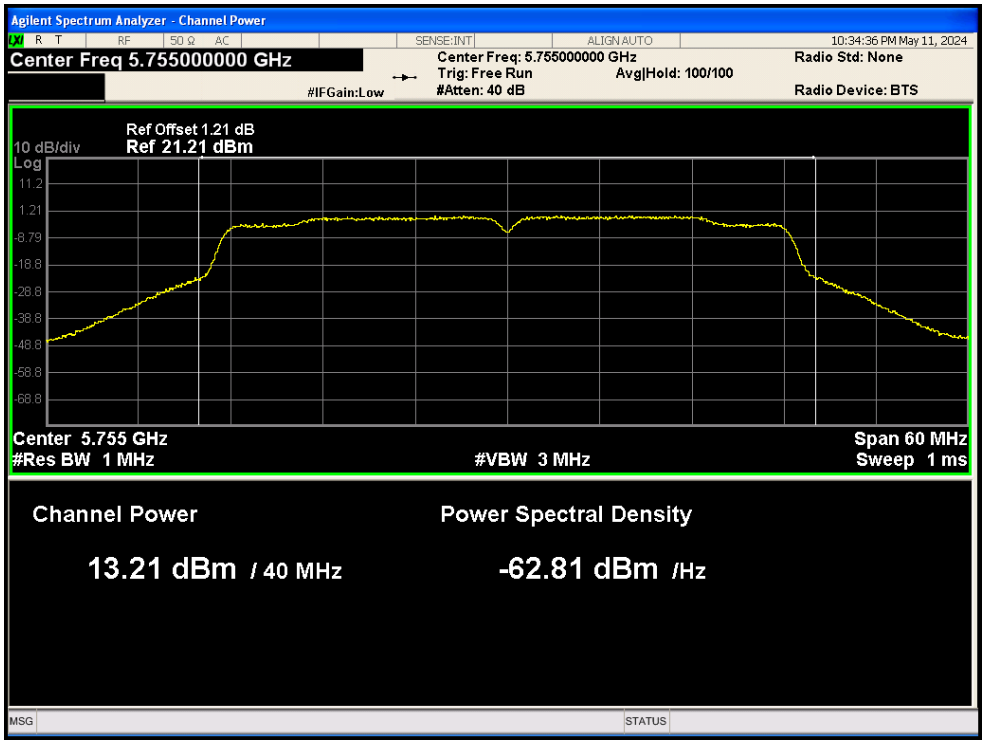
Power NVNT ac20 5785MHz Ant2



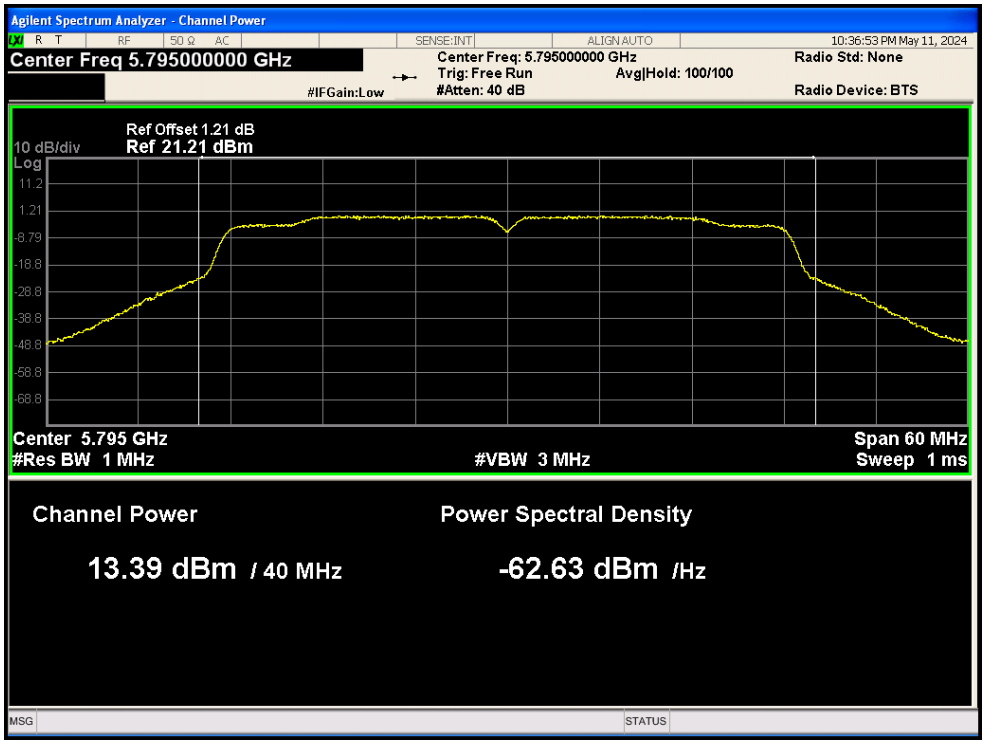
Power NVNT ac20 5825MHz Ant2



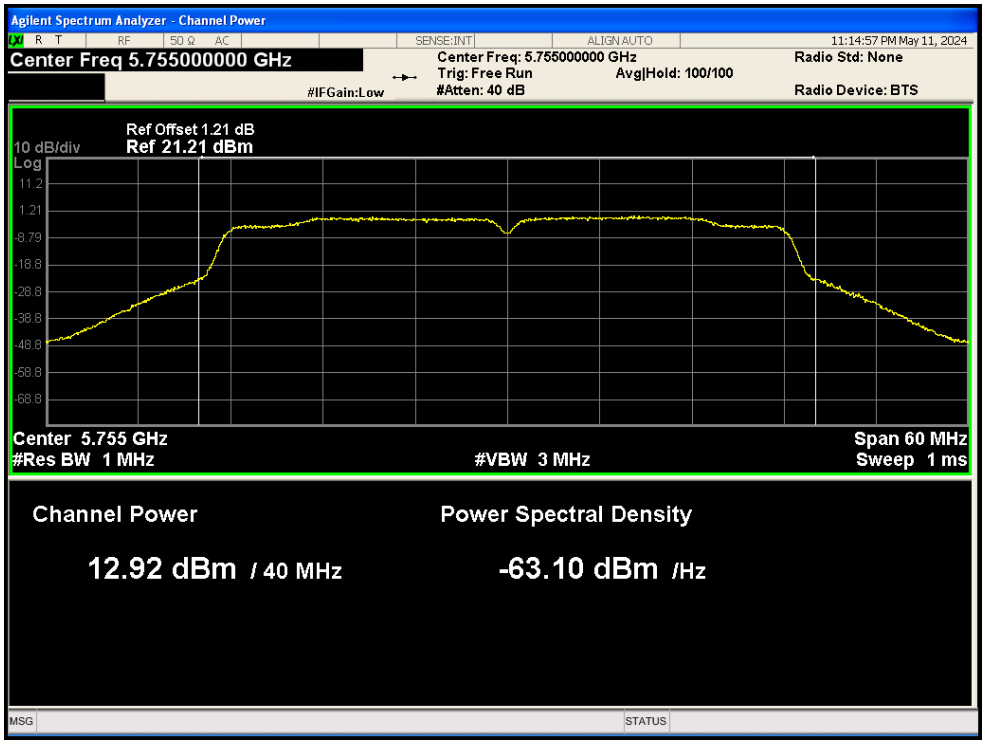
Power NVNT ac40 5755MHz Ant1



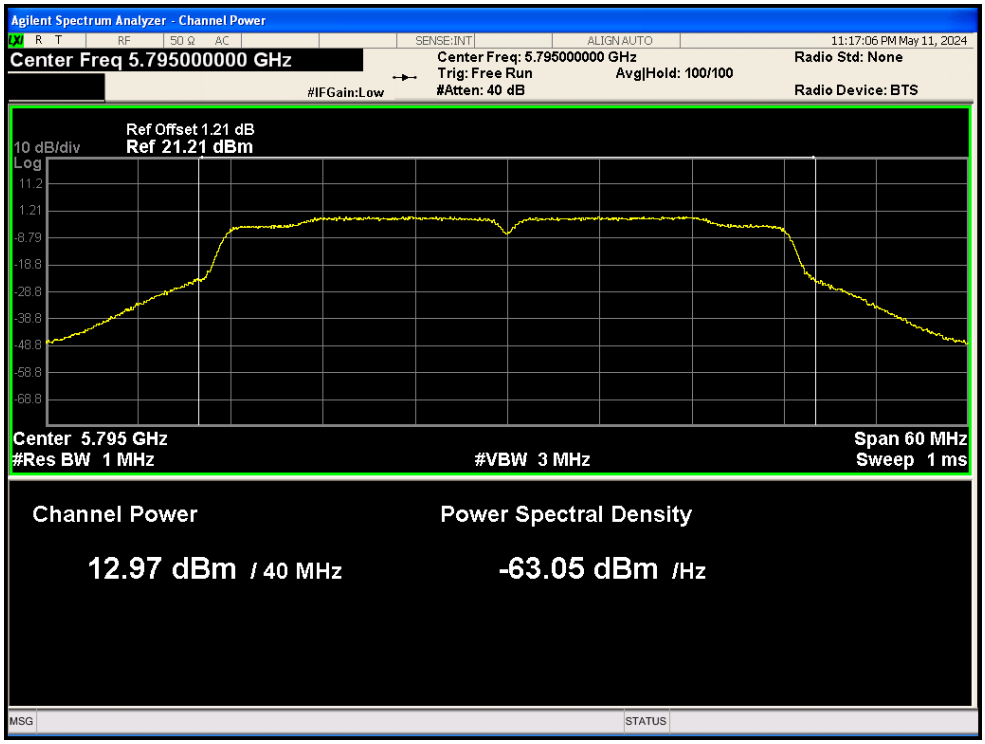
Power NVNT ac40 5795MHz Ant1



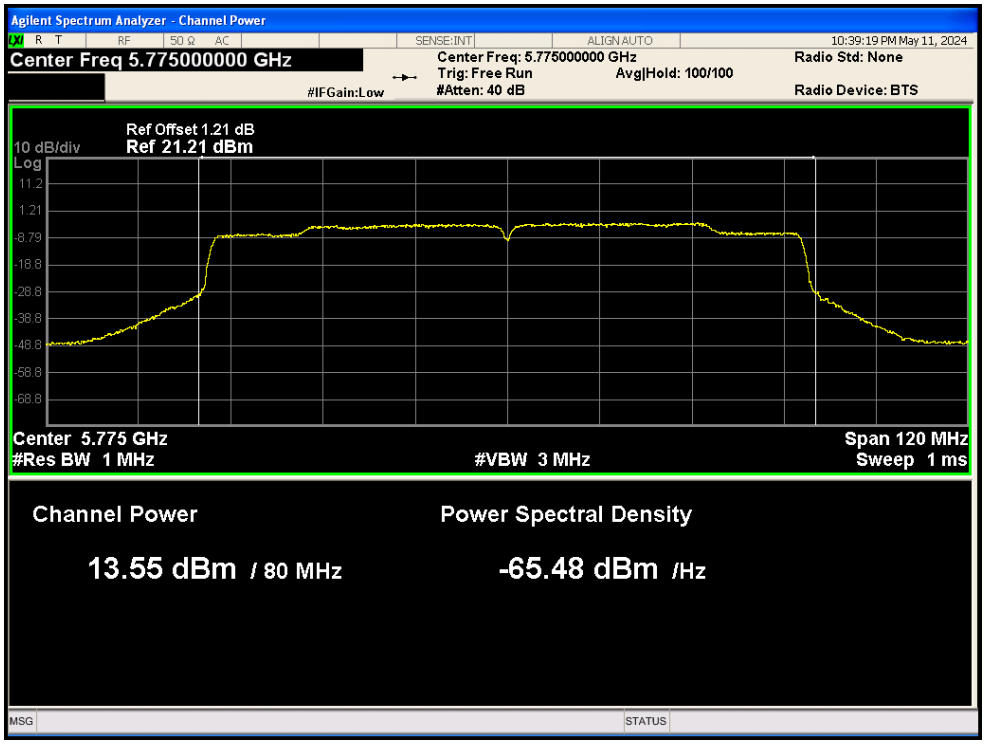
Power NVNT ac40 5755MHz Ant2



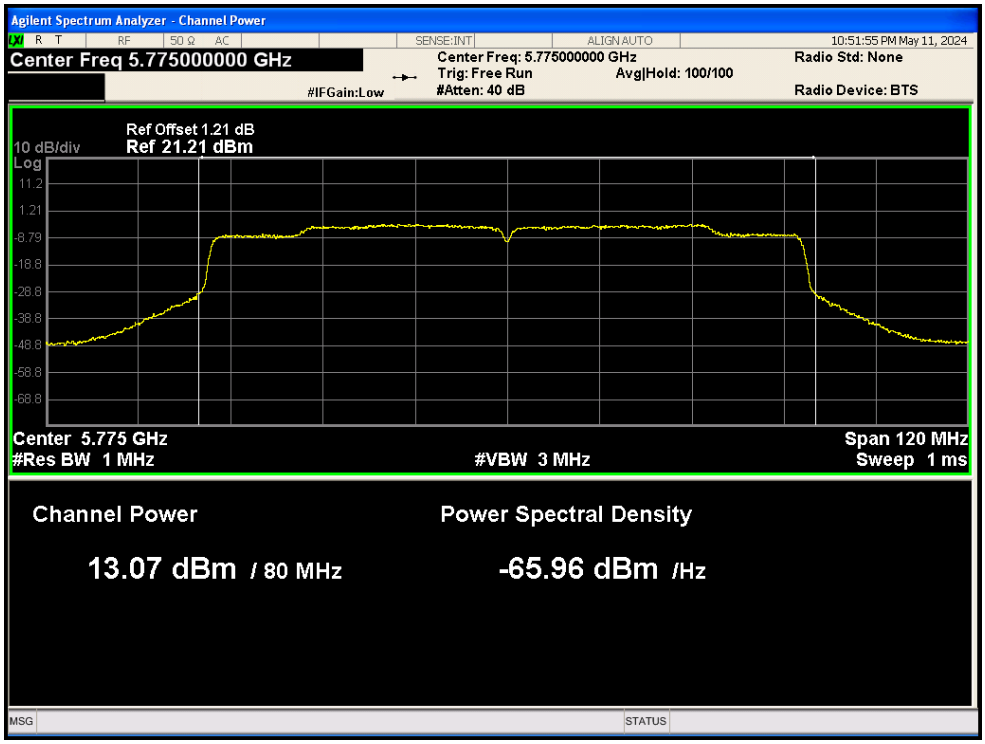
Power NVNT ac40 5795MHz Ant2



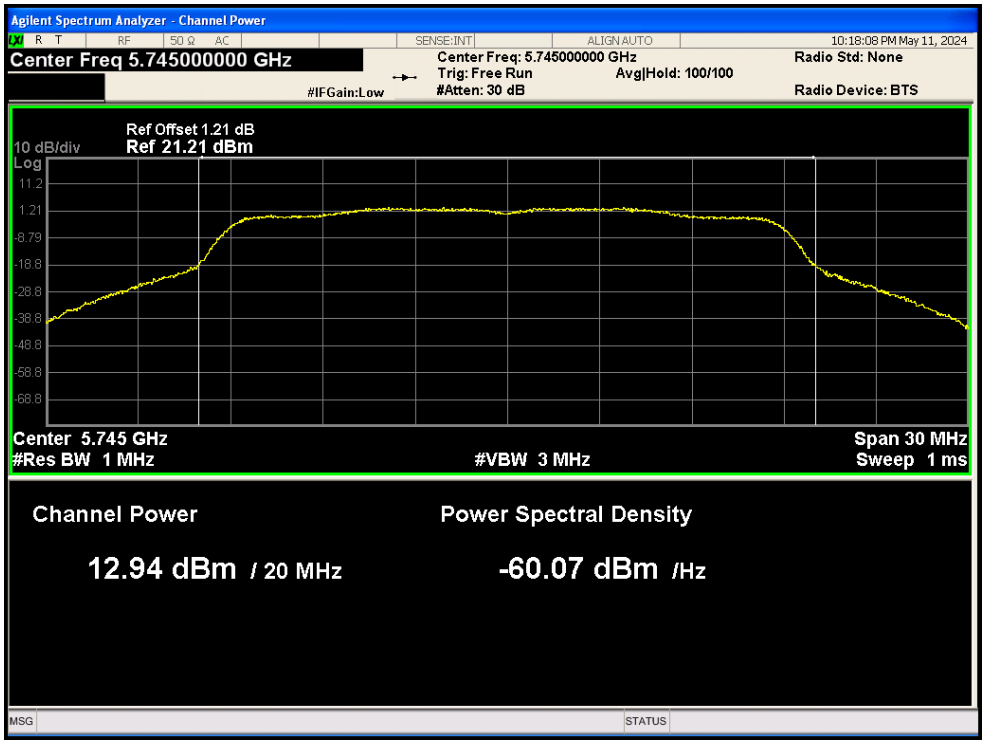
Power NVNT ac80 5775MHz Ant1



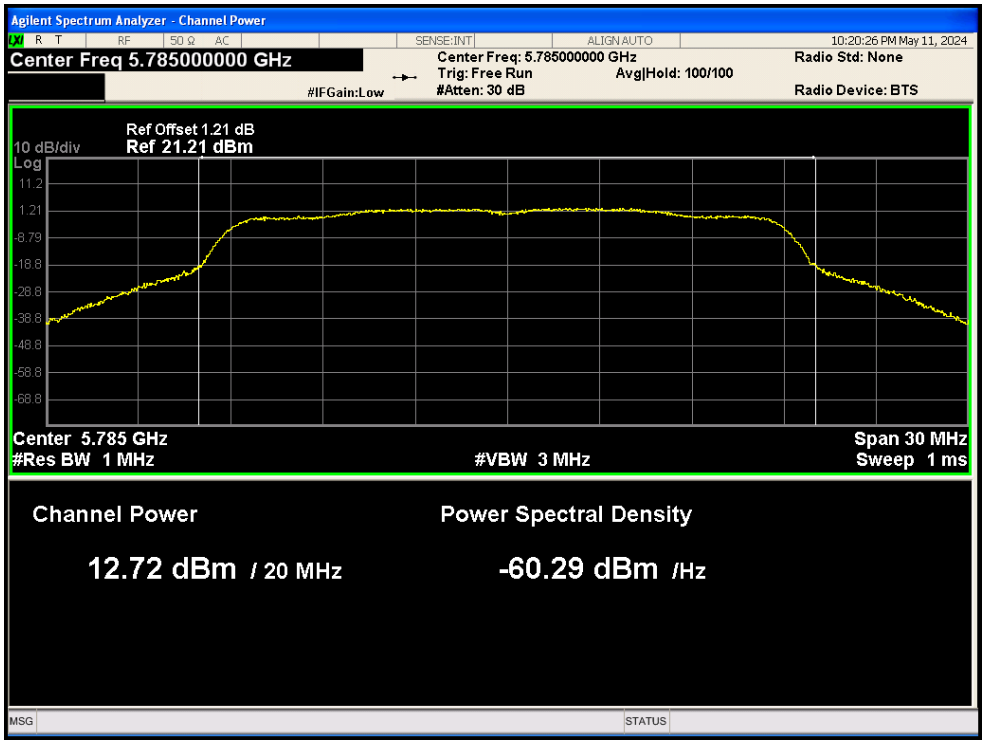
Power NVNT ac80 5775MHz Ant2



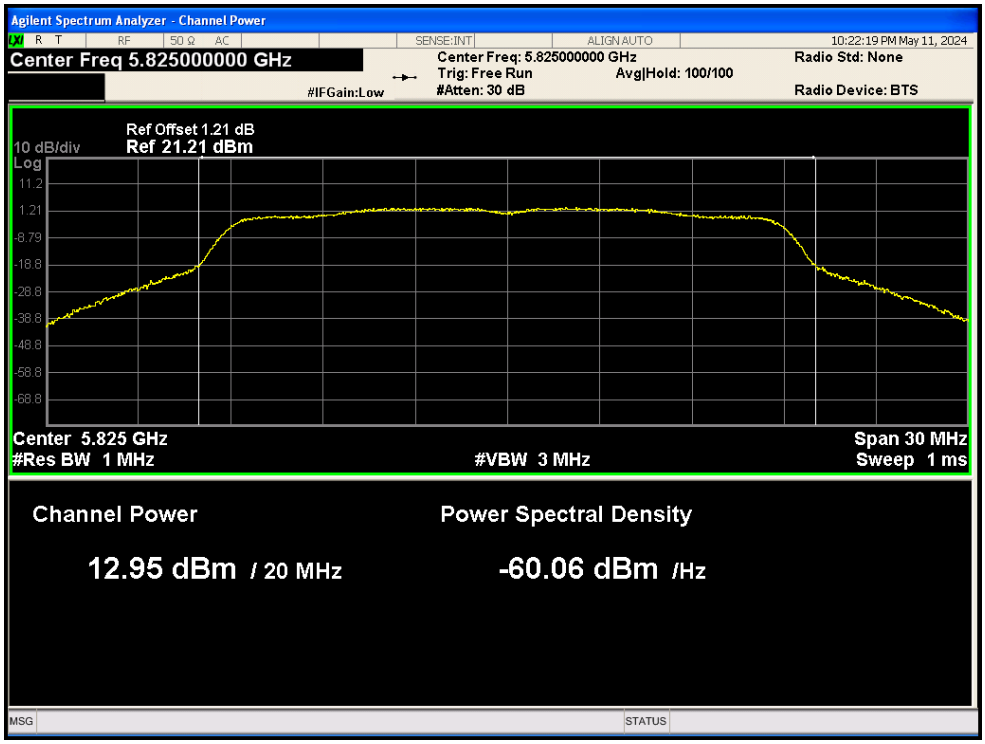
Power NVNT n20 5745MHz Ant1



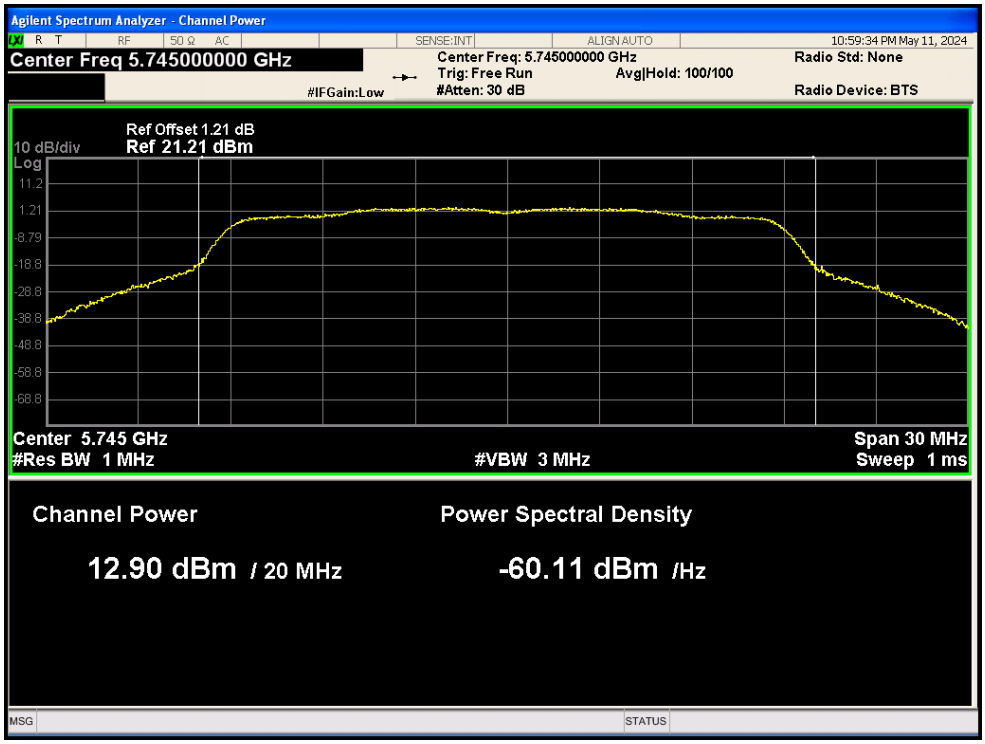
Power NVNT n20 5785MHz Ant1



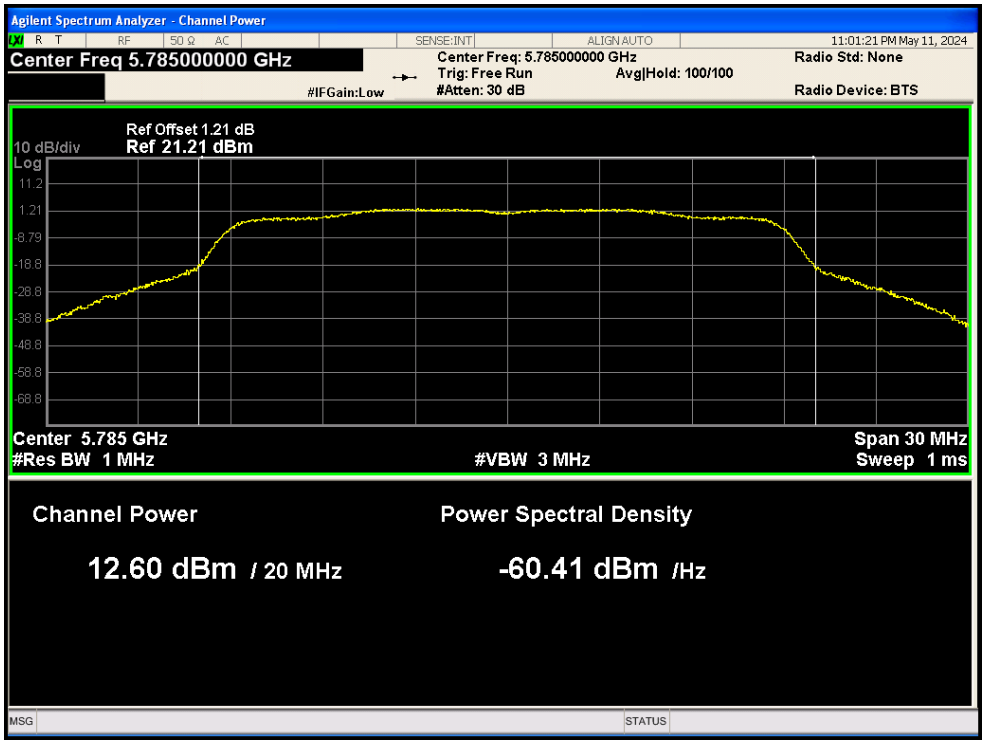
Power NVNT n20 5825MHz Ant1



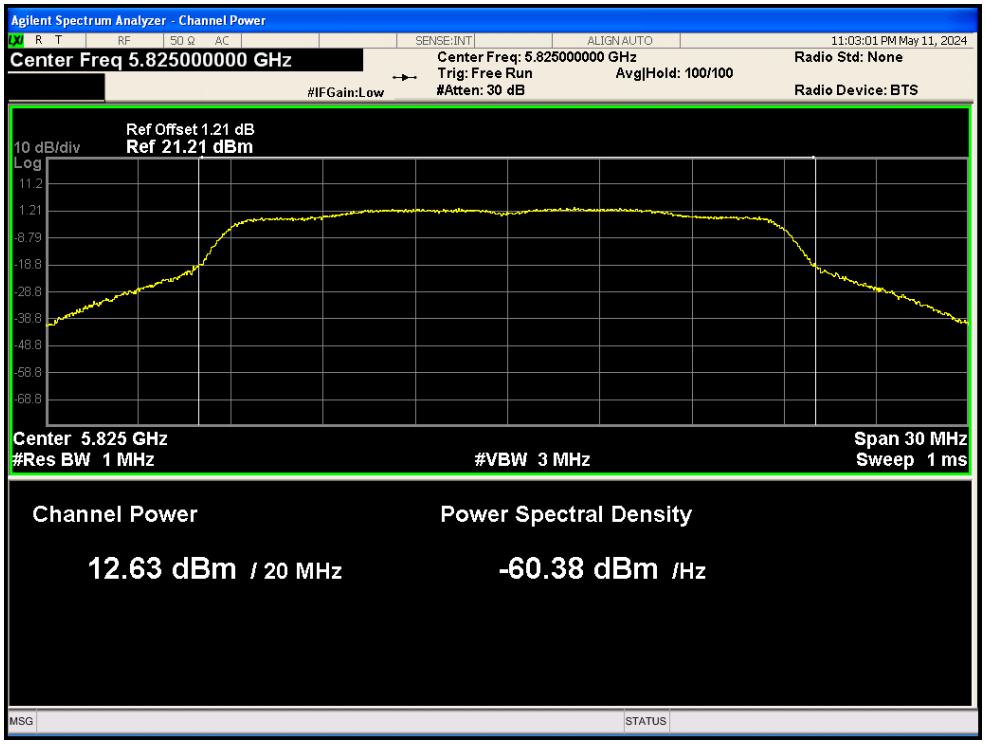
Power NVNT n20 5745MHz Ant2



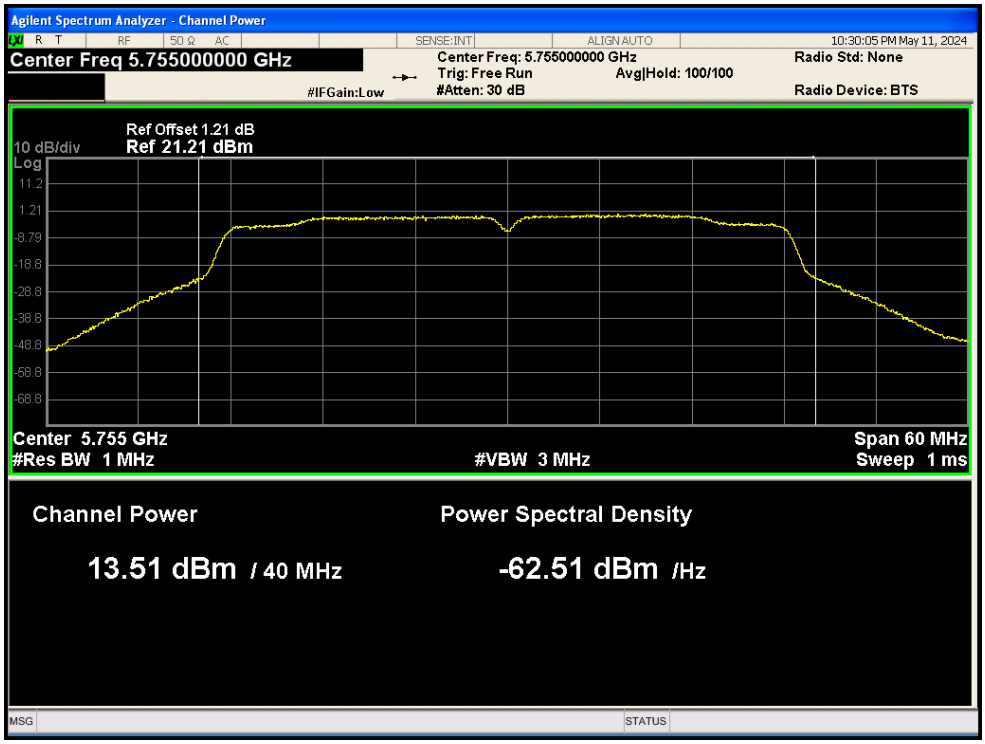
Power NVNT n20 5785MHz Ant2



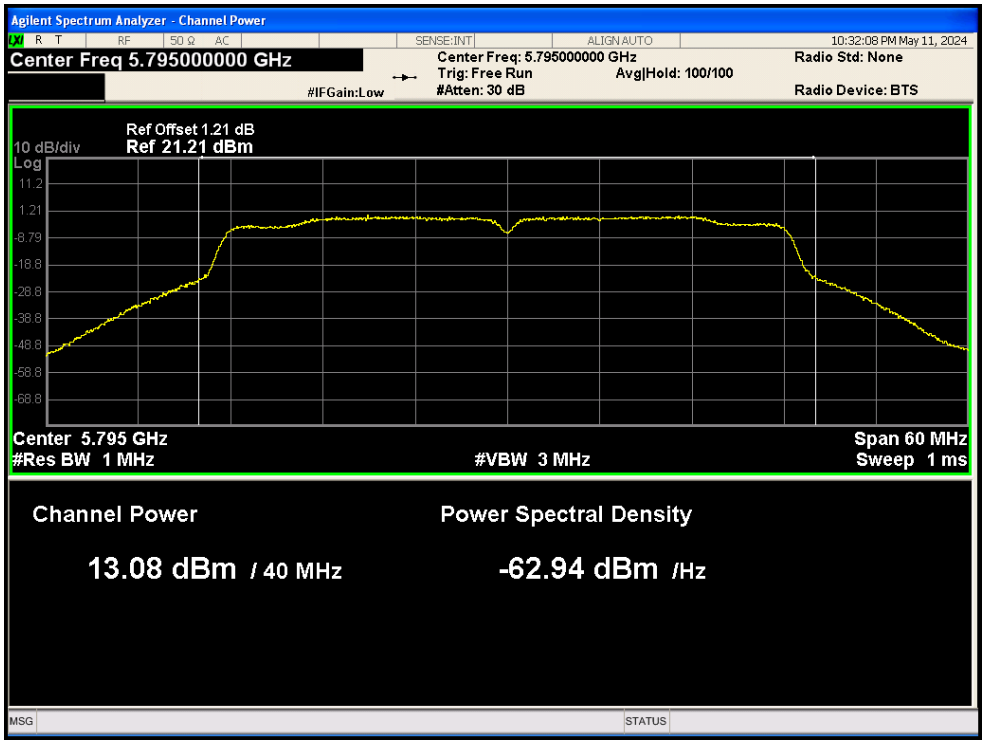
Power NVNT n20 5825MHz Ant2



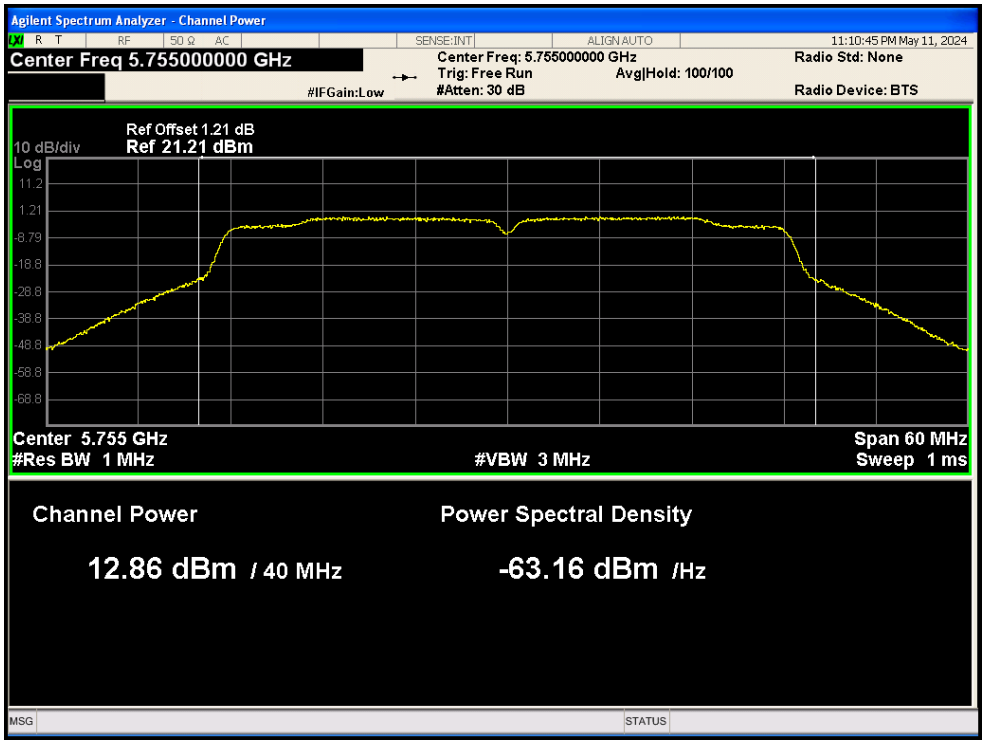
Power NVNT n40 5755MHz Ant1



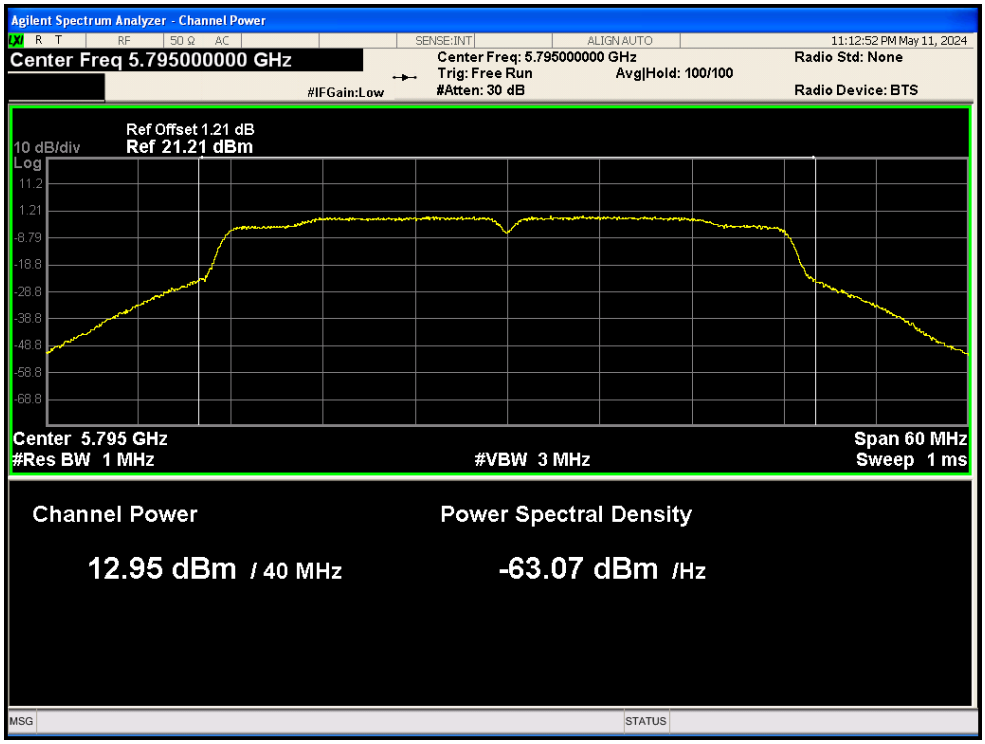
Power NVNT n40 5795MHz Ant1



Power NVNT n40 5755MHz Ant2



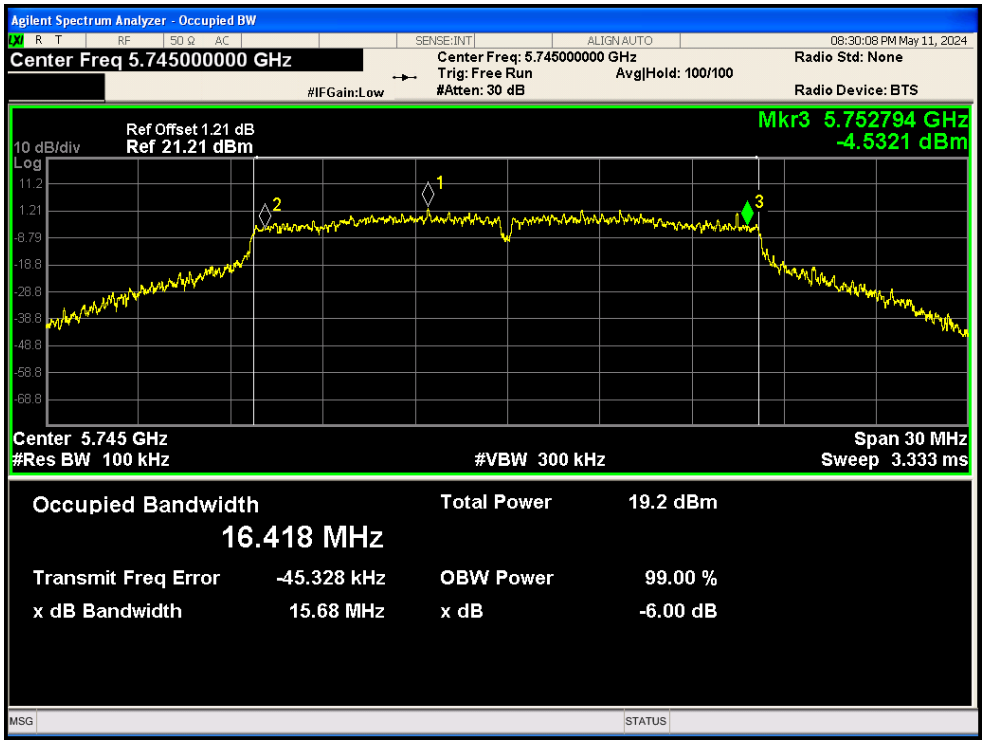
Power NVNT n40 5795MHz Ant2



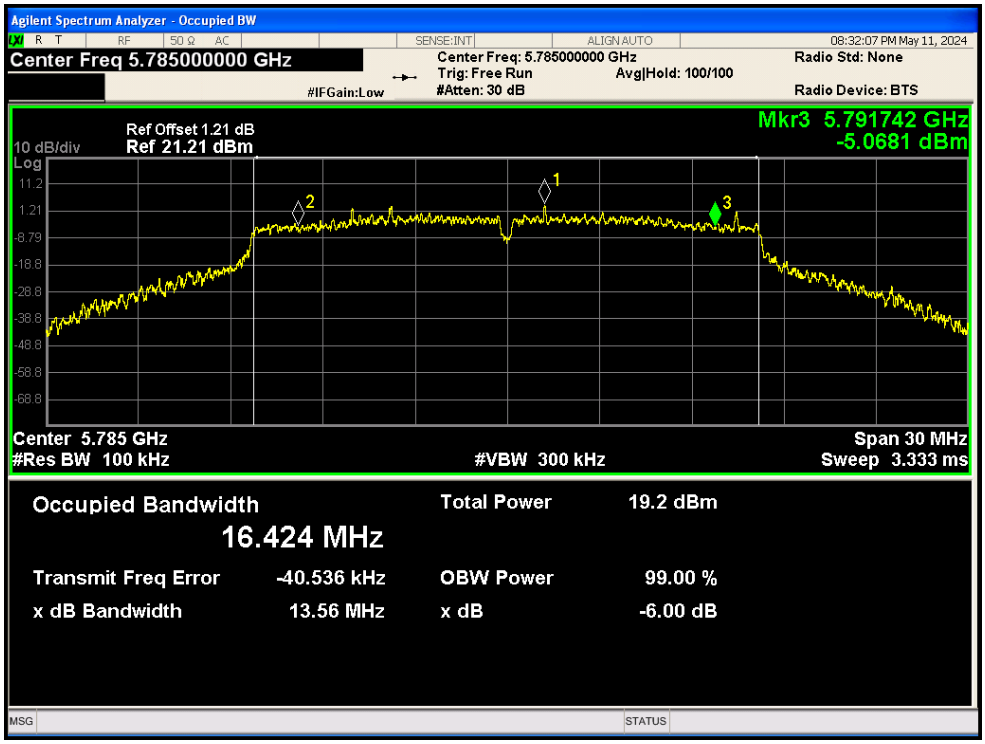
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.678	0.5	Pass
NVNT	a	5785	Ant1	13.564	0.5	Pass
NVNT	a	5825	Ant1	11.711	0.5	Pass
NVNT	a	5745	Ant2	13.542	0.5	Pass
NVNT	a	5785	Ant2	16.31	0.5	Pass
NVNT	a	5825	Ant2	15.521	0.5	Pass
NVNT	ac20	5745	Ant1	17.147	0.5	Pass
NVNT	ac20	5785	Ant1	16.764	0.5	Pass
NVNT	ac20	5825	Ant1	16.951	0.5	Pass
NVNT	ac20	5745	Ant2	17.107	0.5	Pass
NVNT	ac20	5785	Ant2	17.004	0.5	Pass
NVNT	ac20	5825	Ant2	17.052	0.5	Pass
NVNT	ac40	5755	Ant1	35.819	0.5	Pass
NVNT	ac40	5795	Ant1	35.797	0.5	Pass
NVNT	ac40	5755	Ant2	34.523	0.5	Pass
NVNT	ac40	5795	Ant2	35.98	0.5	Pass
NVNT	ac80	5775	Ant1	73.777	0.5	Pass
NVNT	ac80	5775	Ant2	75.041	0.5	Pass
NVNT	n20	5745	Ant1	16.917	0.5	Pass
NVNT	n20	5785	Ant1	16.544	0.5	Pass
NVNT	n20	5825	Ant1	17.14	0.5	Pass
NVNT	n20	5745	Ant2	15.709	0.5	Pass
NVNT	n20	5785	Ant2	16.303	0.5	Pass
NVNT	n20	5825	Ant2	16.754	0.5	Pass
NVNT	n40	5755	Ant1	35.834	0.5	Pass
NVNT	n40	5795	Ant1	35.855	0.5	Pass
NVNT	n40	5755	Ant2	35.965	0.5	Pass
NVNT	n40	5795	Ant2	35.852	0.5	Pass

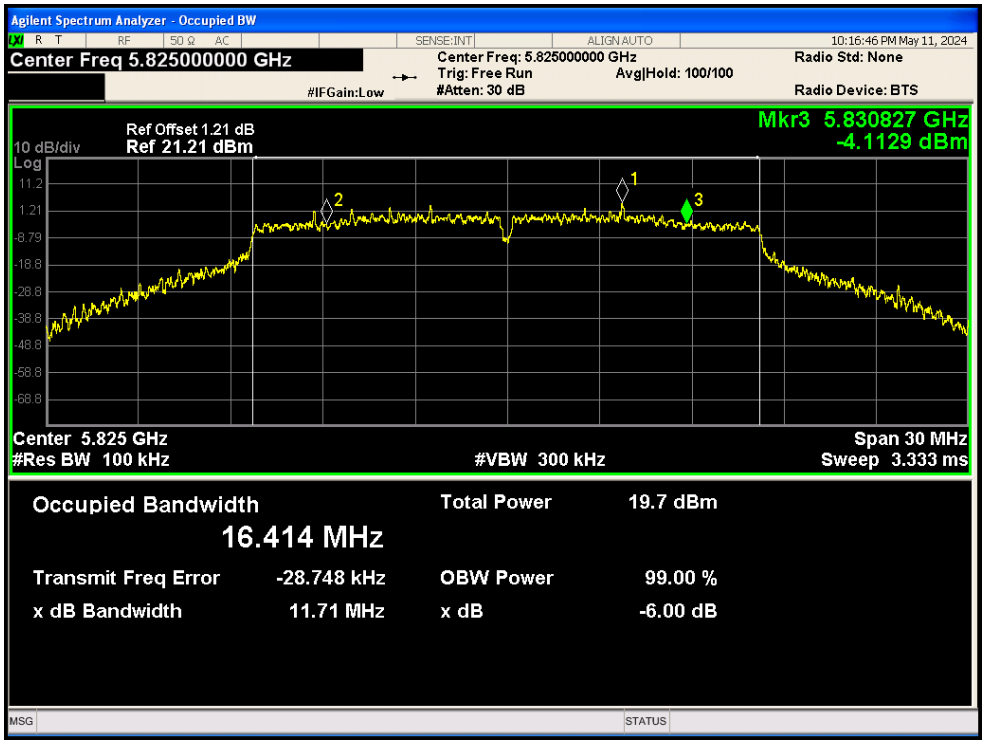
-6dB Bandwidth NVNT a 5745MHz Ant1



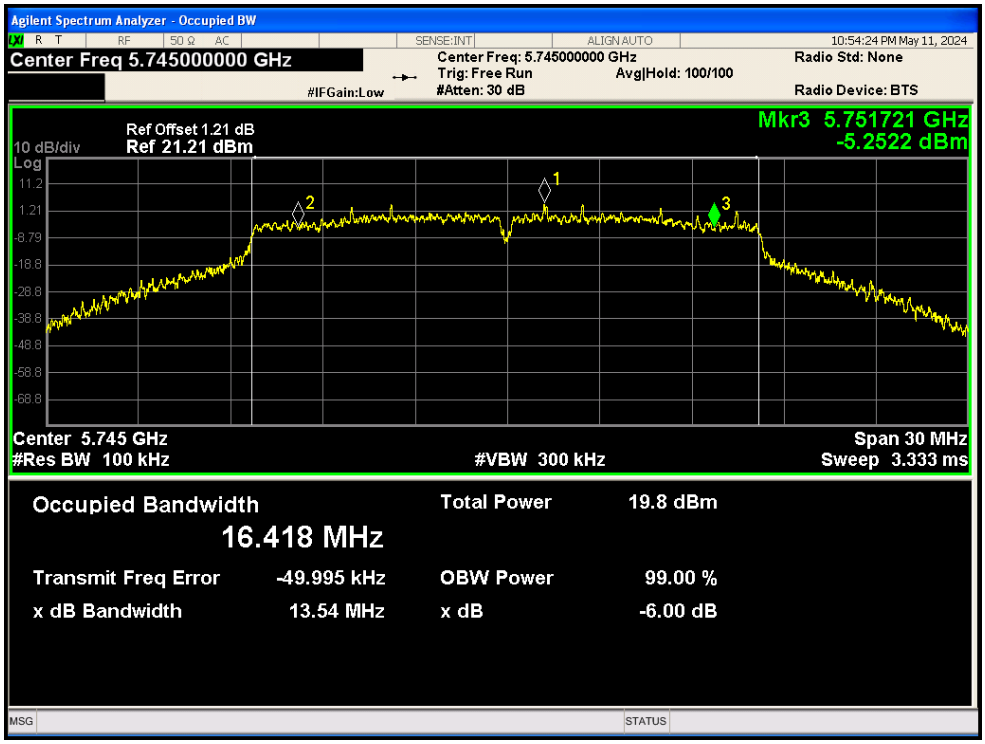
-6dB Bandwidth NVNT a 5785MHz Ant1



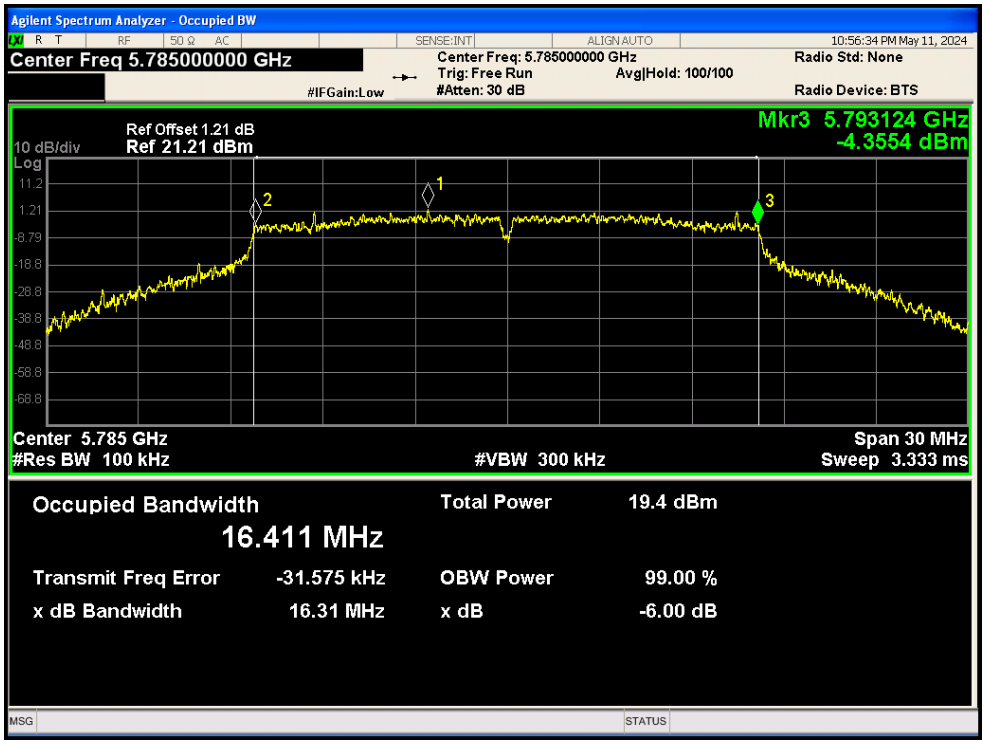
-6dB Bandwidth NVNT a 5825MHz Ant1



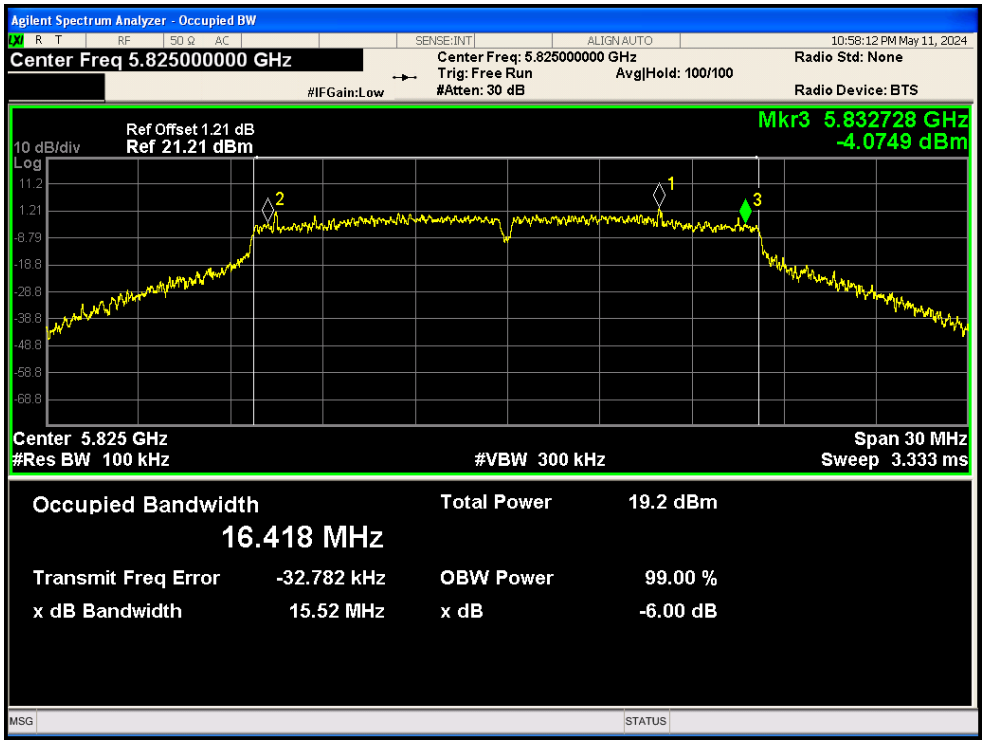
-6dB Bandwidth NVNT a 5745MHz Ant2



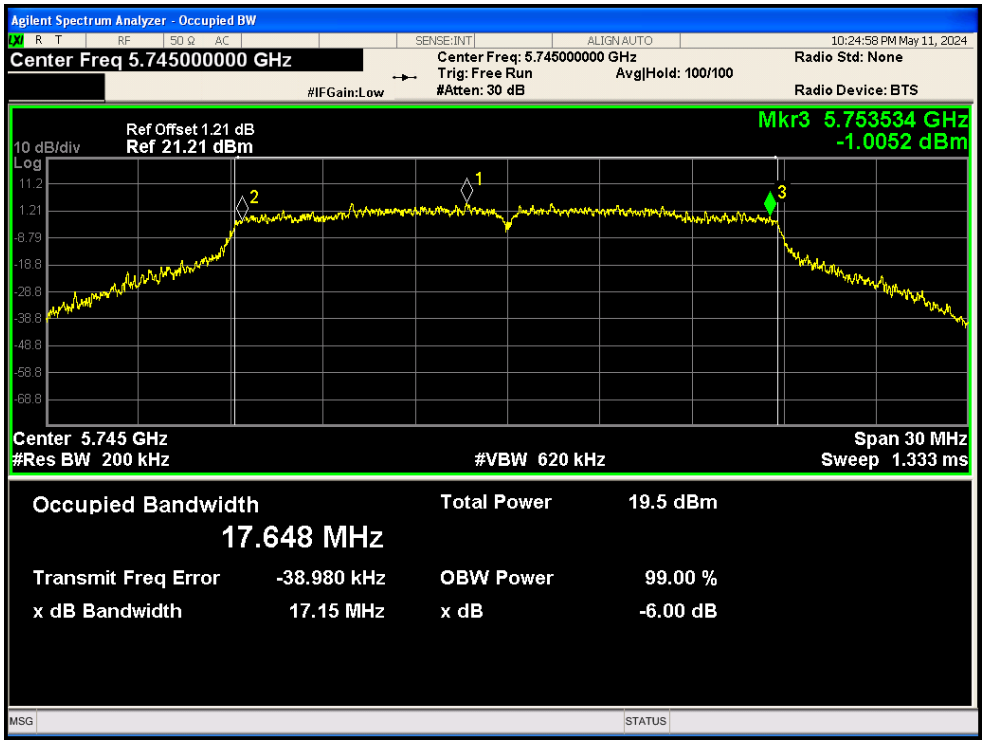
-6dB Bandwidth NVNT a 5785MHz Ant2



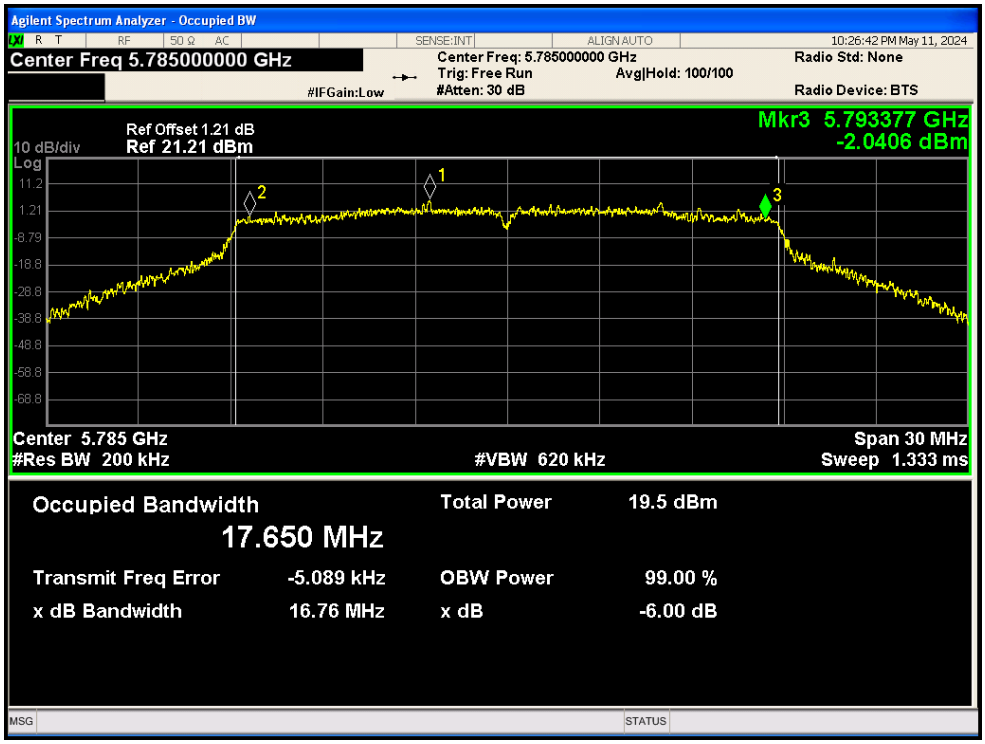
-6dB Bandwidth NVNT a 5825MHz Ant2



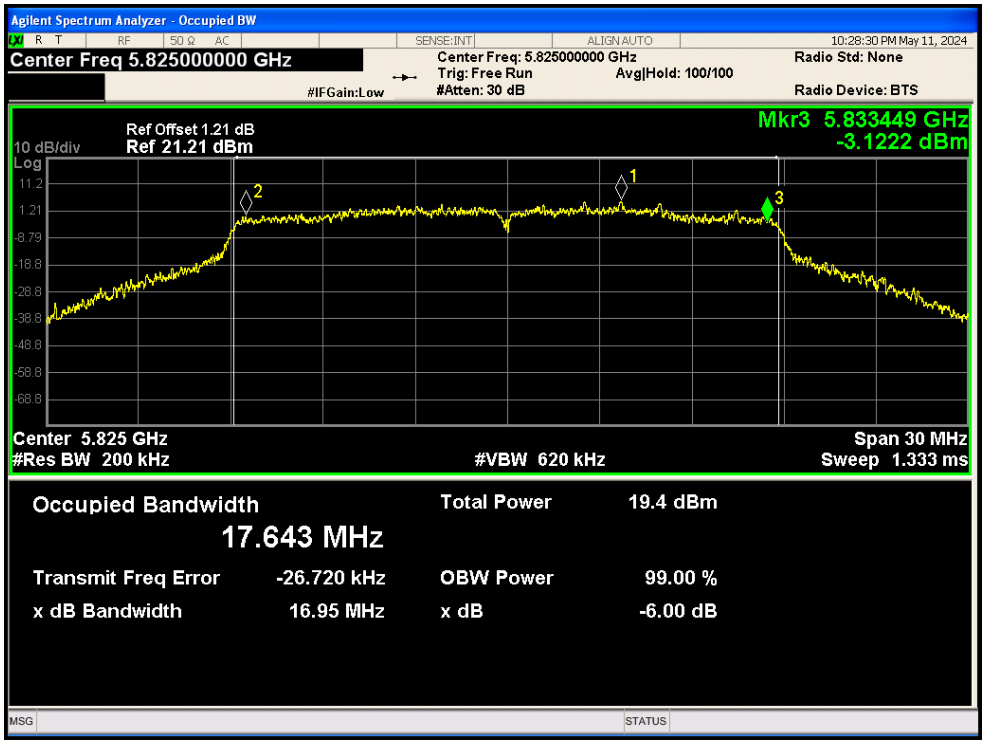
-6dB Bandwidth NVNT ac20 5745MHz Ant1



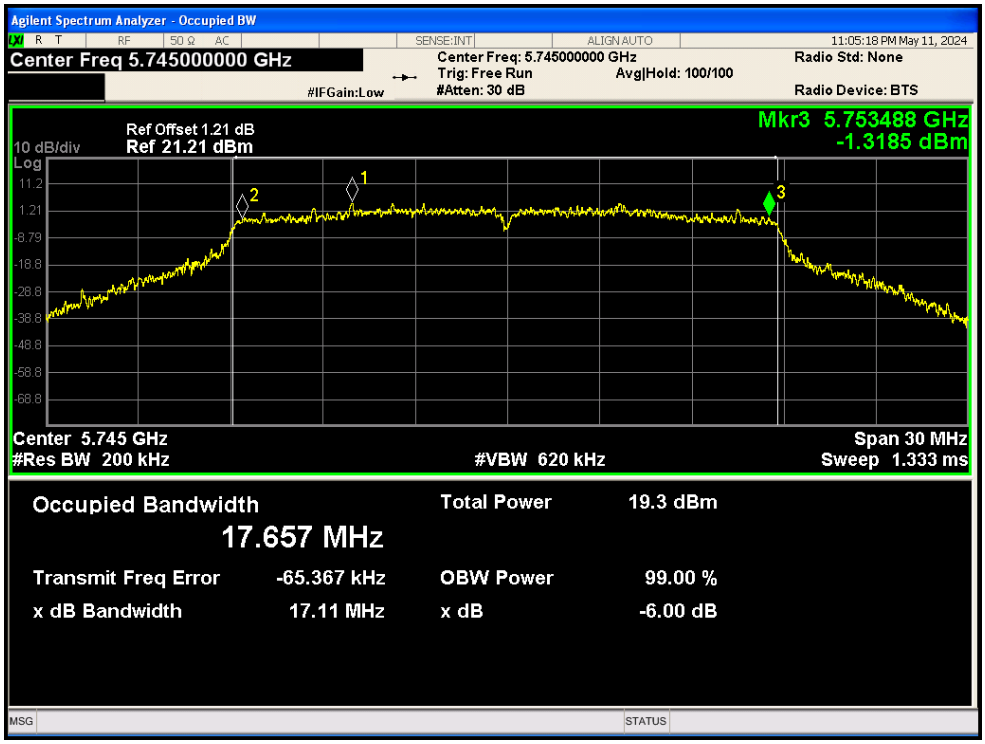
-6dB Bandwidth NVNT ac20 5785MHz Ant1



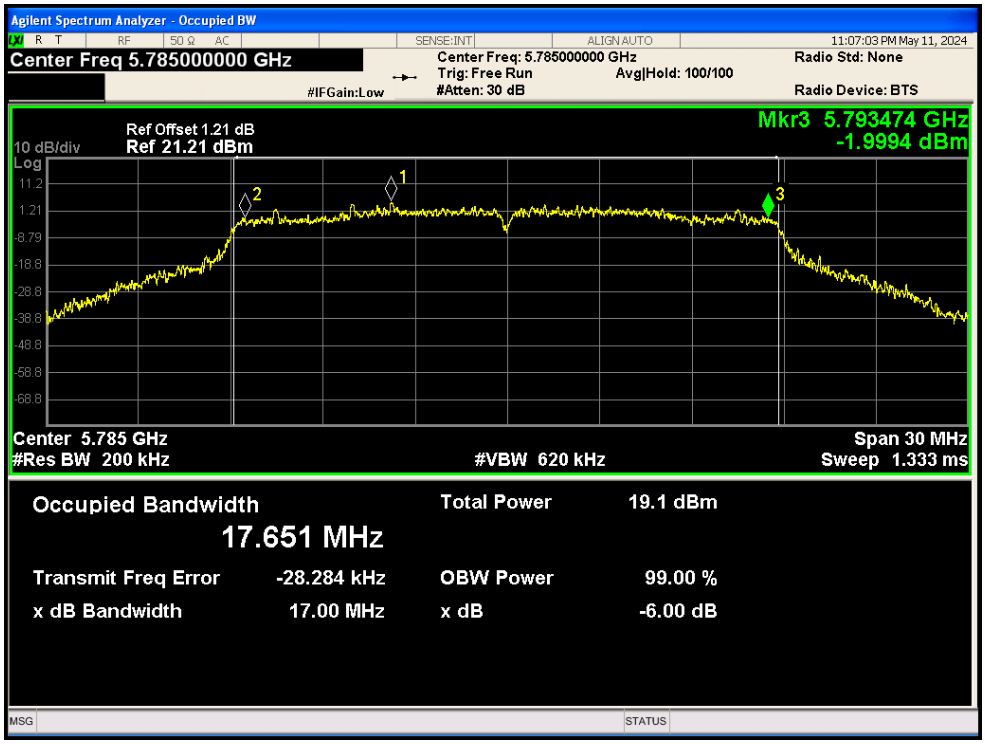
-6dB Bandwidth NVNT ac20 5825MHz Ant1



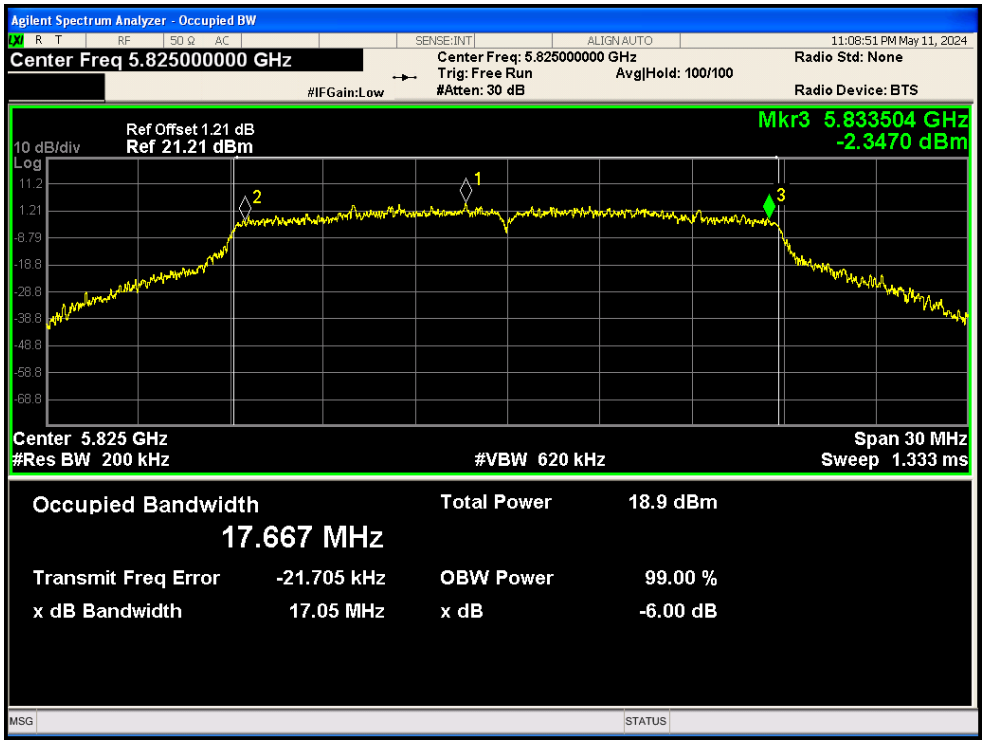
-6dB Bandwidth NVNT ac20 5745MHz Ant2



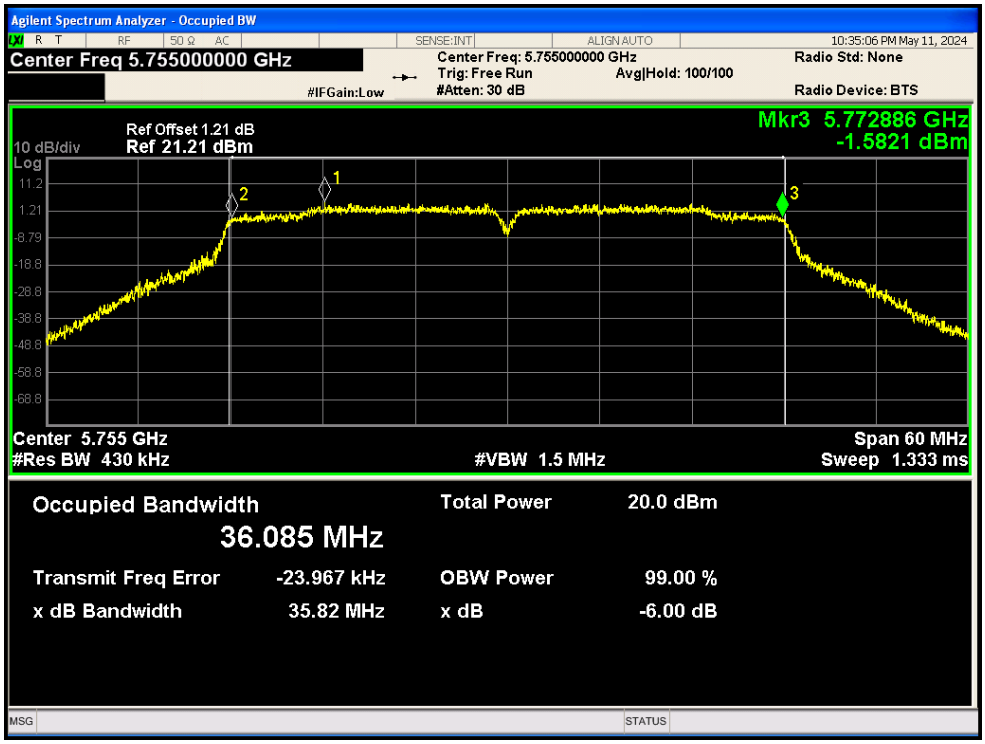
-6dB Bandwidth NVNT ac20 5785MHz Ant2



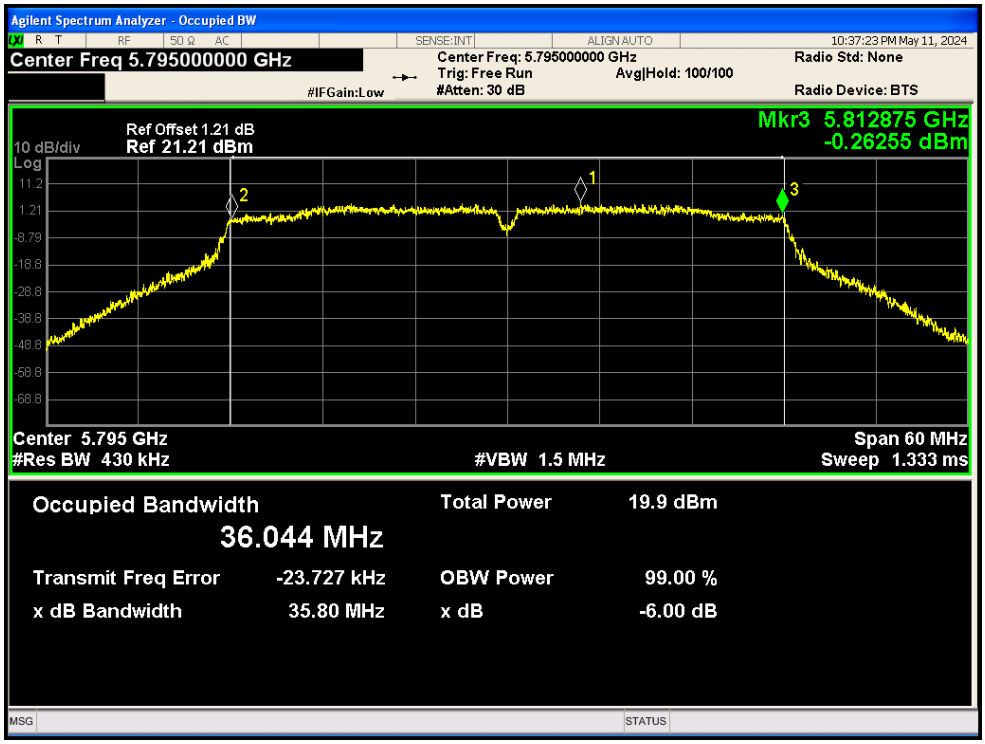
-6dB Bandwidth NVNT ac20 5825MHz Ant2



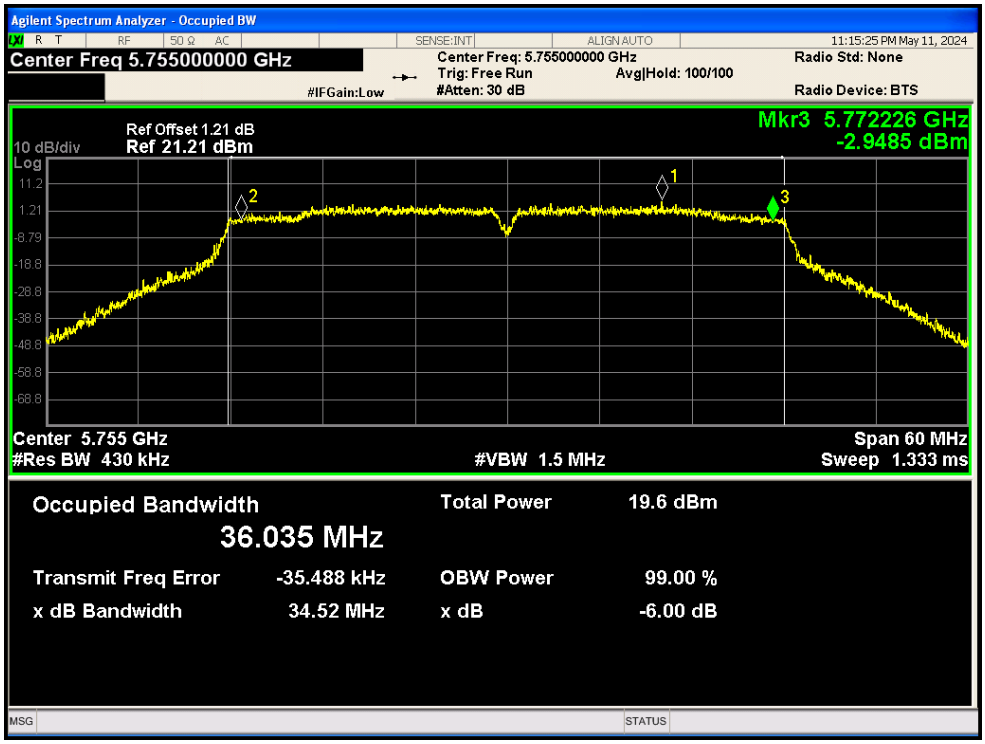
-6dB Bandwidth NVNT ac40 5755MHz Ant1



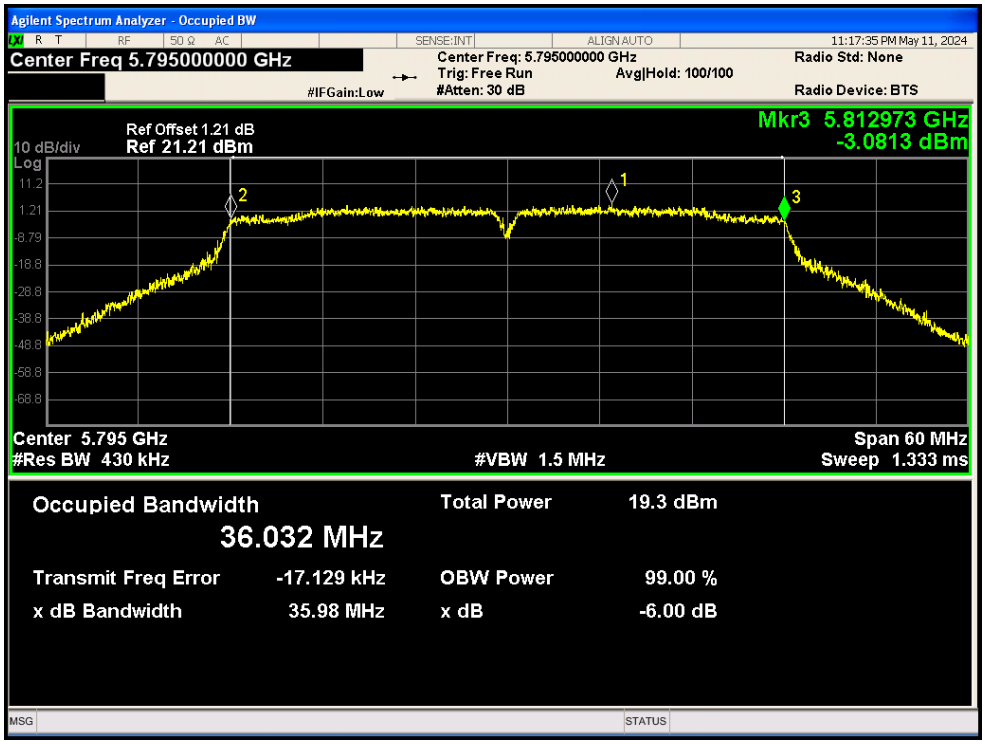
-6dB Bandwidth NVNT ac40 5795MHz Ant1



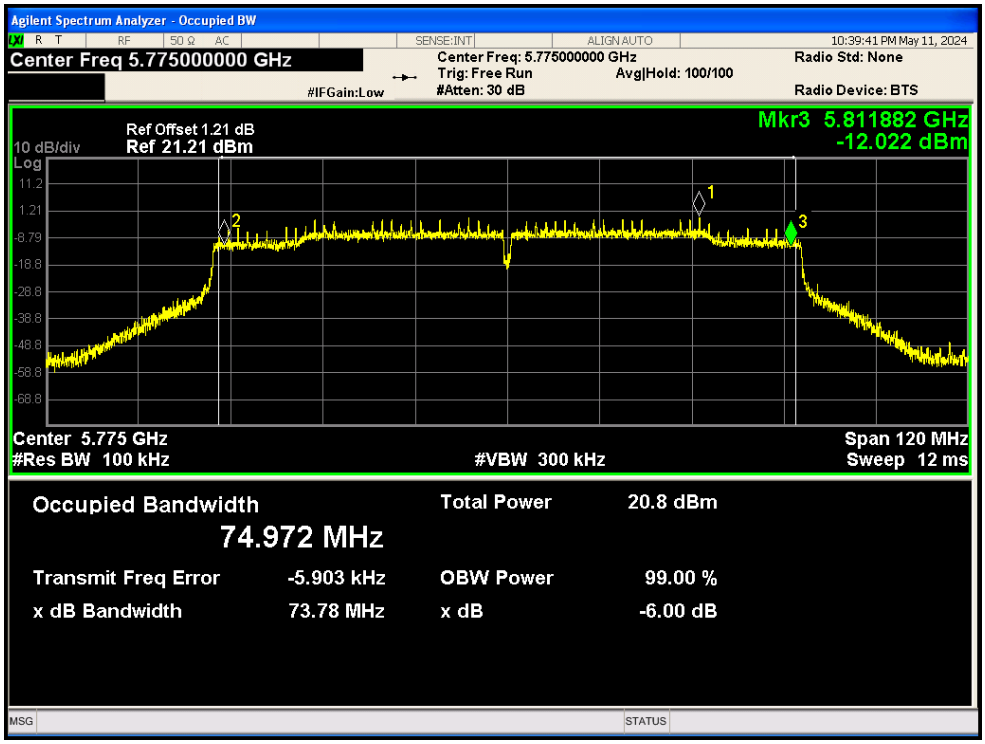
-6dB Bandwidth NVNT ac40 5755MHz Ant2



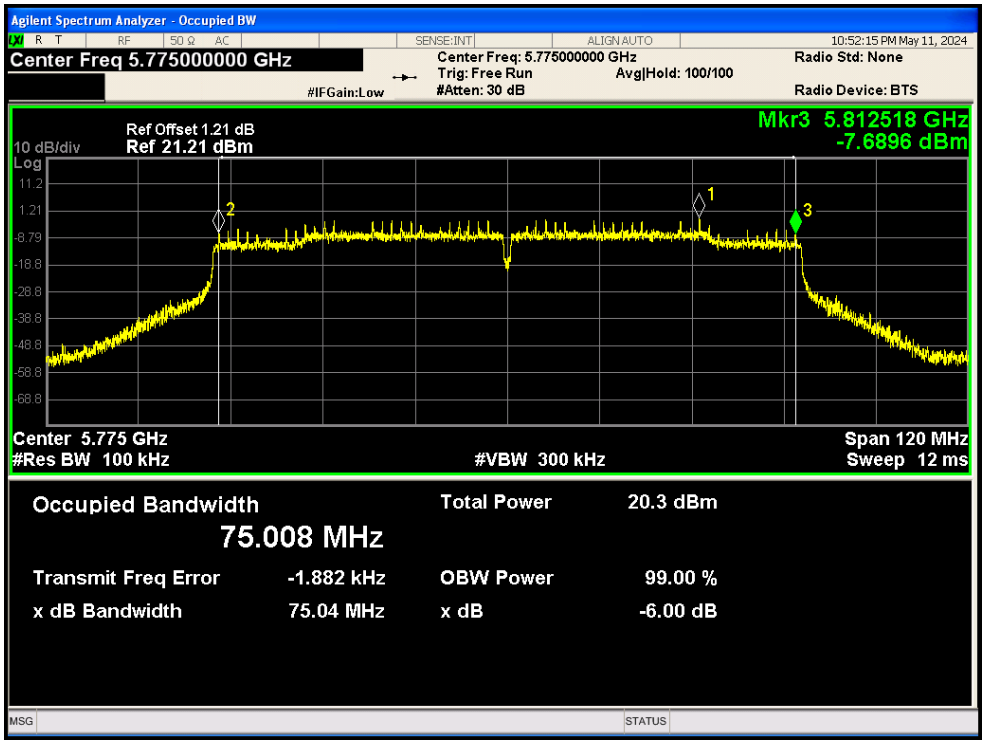
-6dB Bandwidth NVNT ac40 5795MHz Ant2



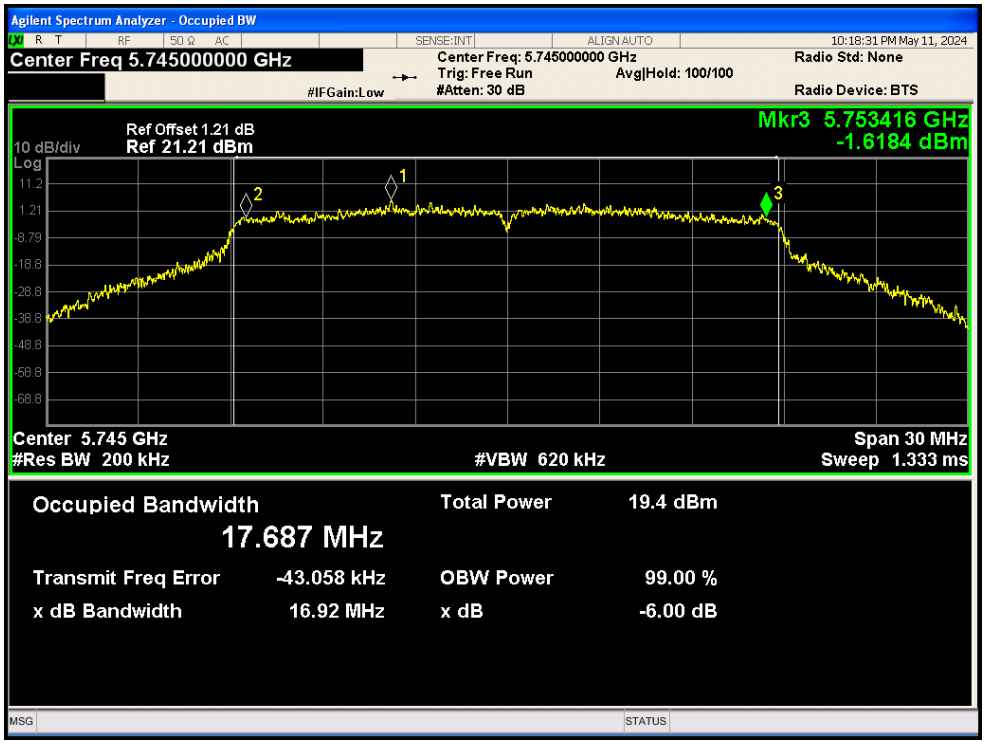
-6dB Bandwidth NVNT ac80 5775MHz Ant1



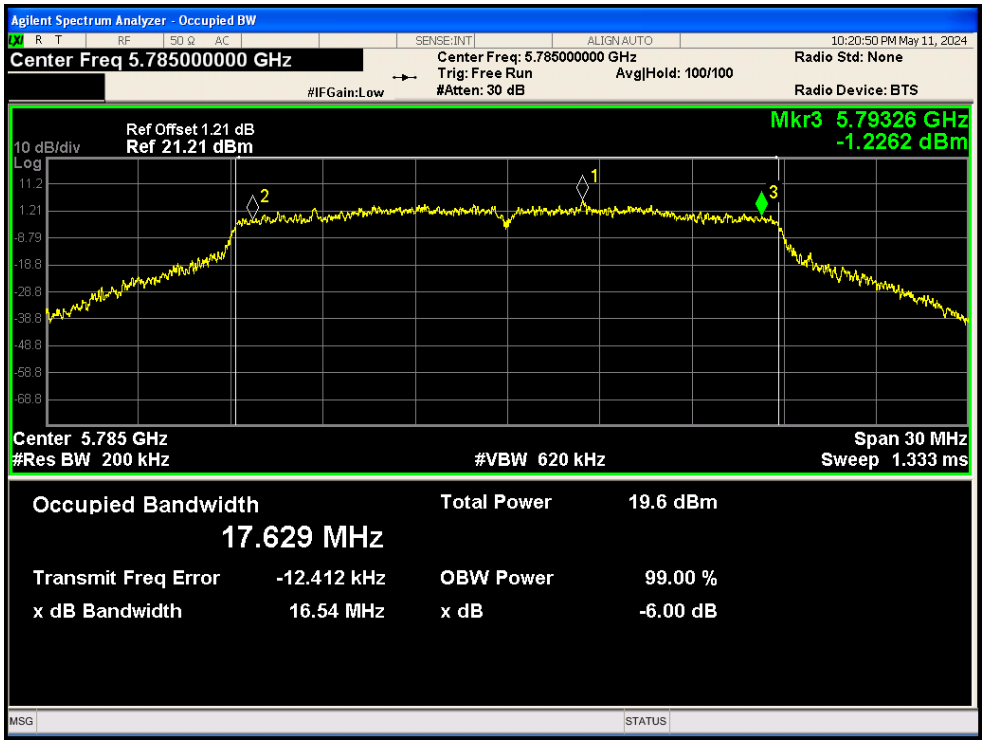
-6dB Bandwidth NVNT ac80 5775MHz Ant2



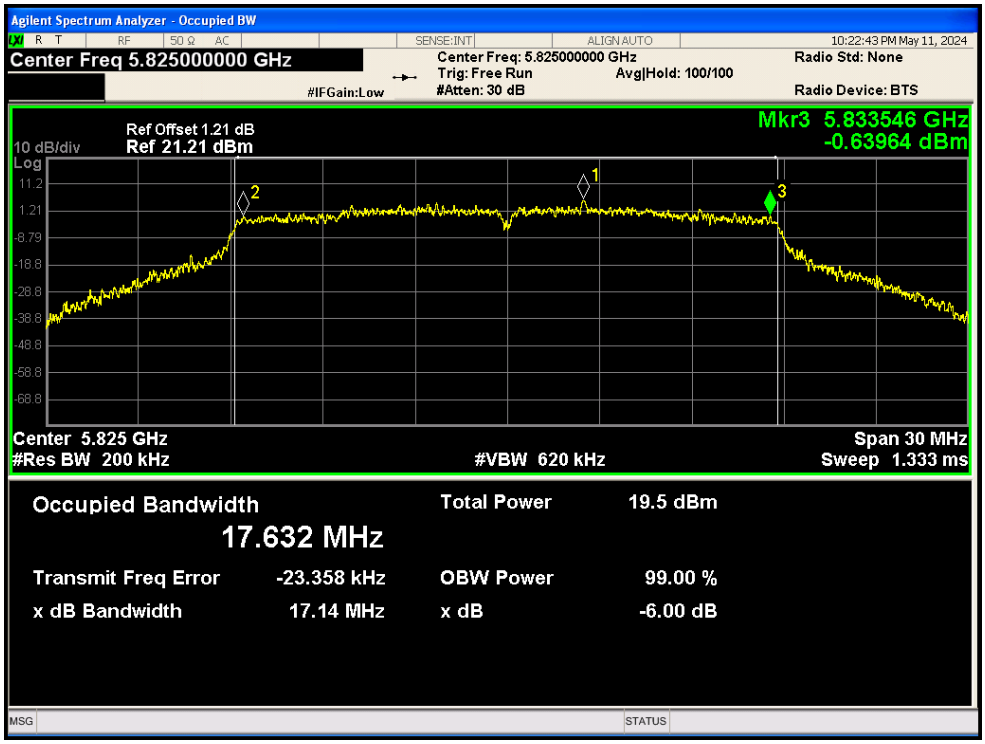
-6dB Bandwidth NVNT n20 5745MHz Ant1



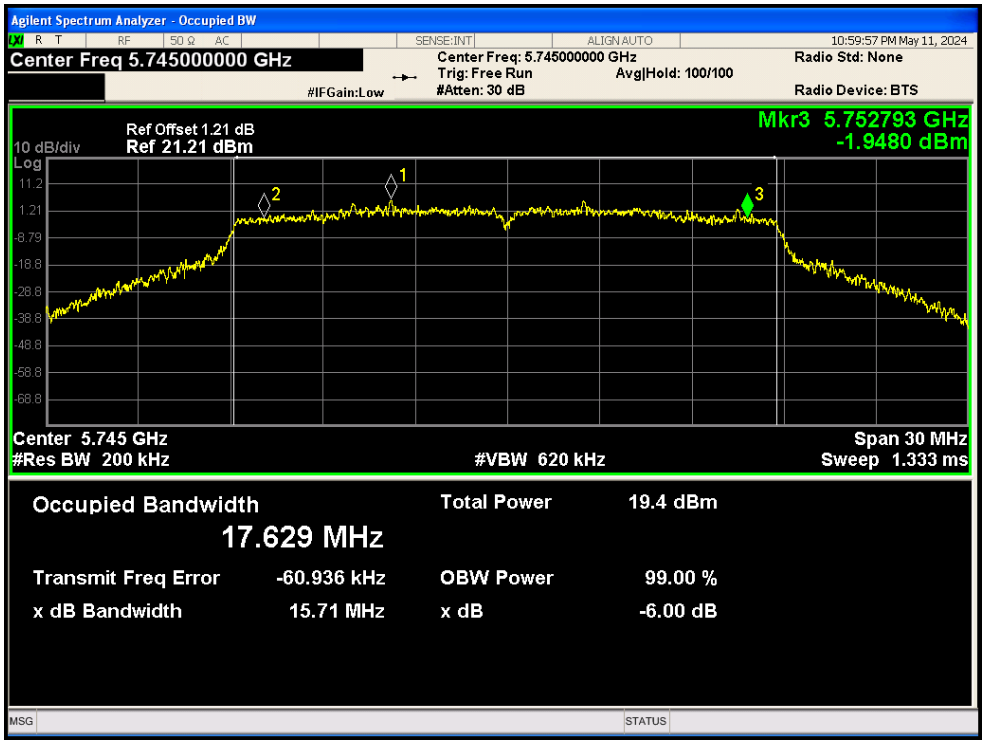
-6dB Bandwidth NVNT n20 5785MHz Ant1



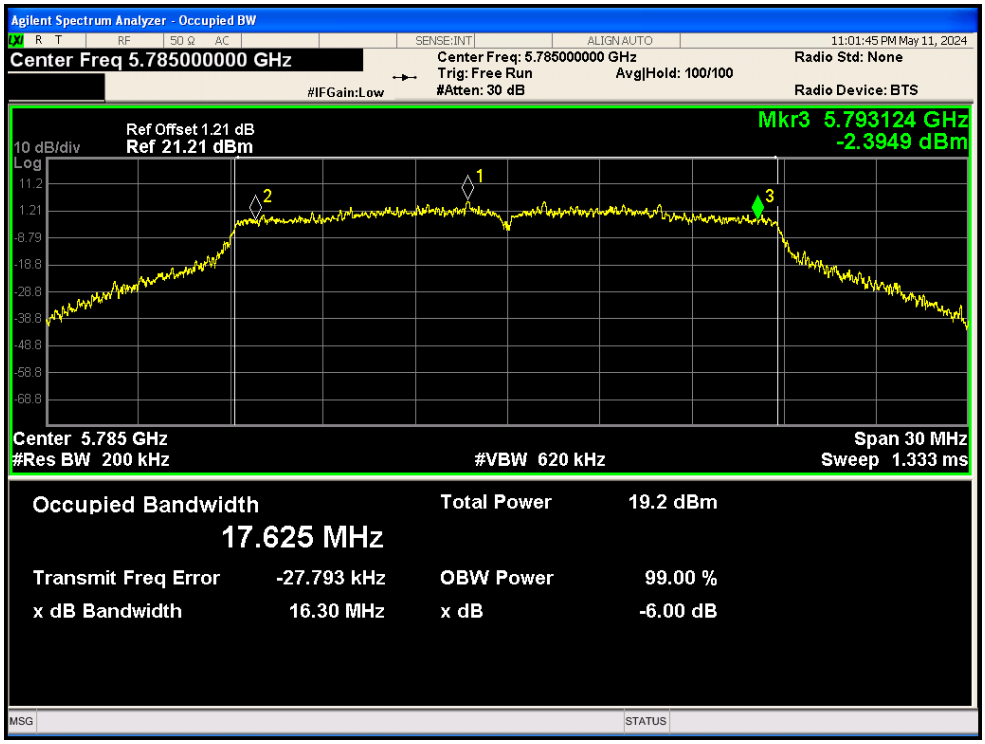
-6dB Bandwidth NVNT n20 5825MHz Ant1



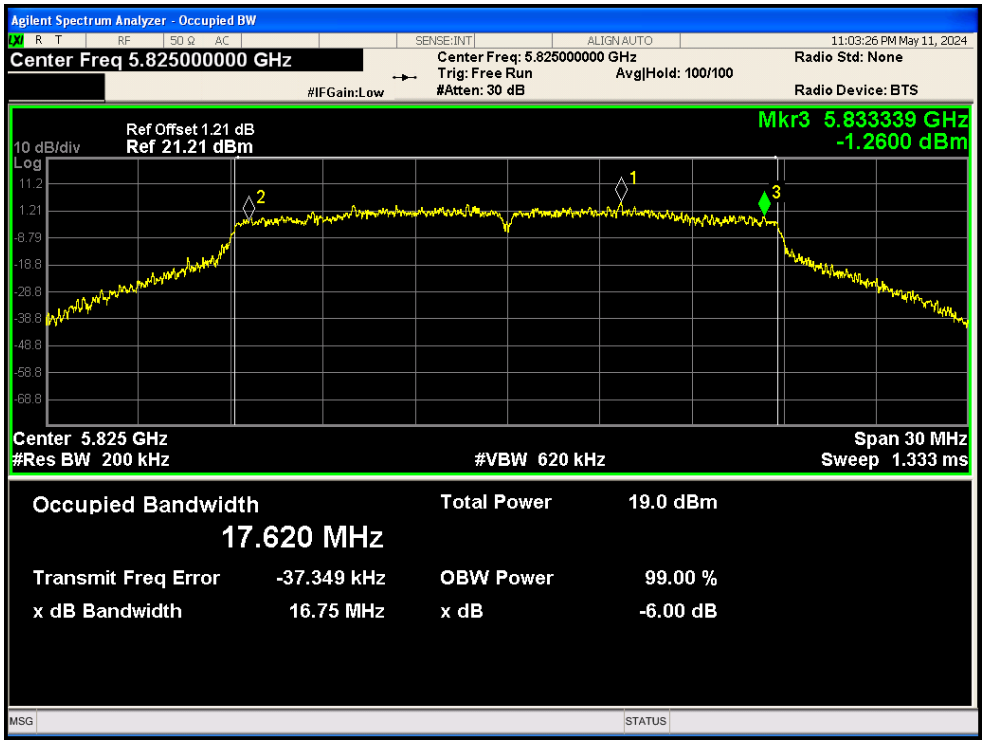
-6dB Bandwidth NVNT n20 5745MHz Ant2



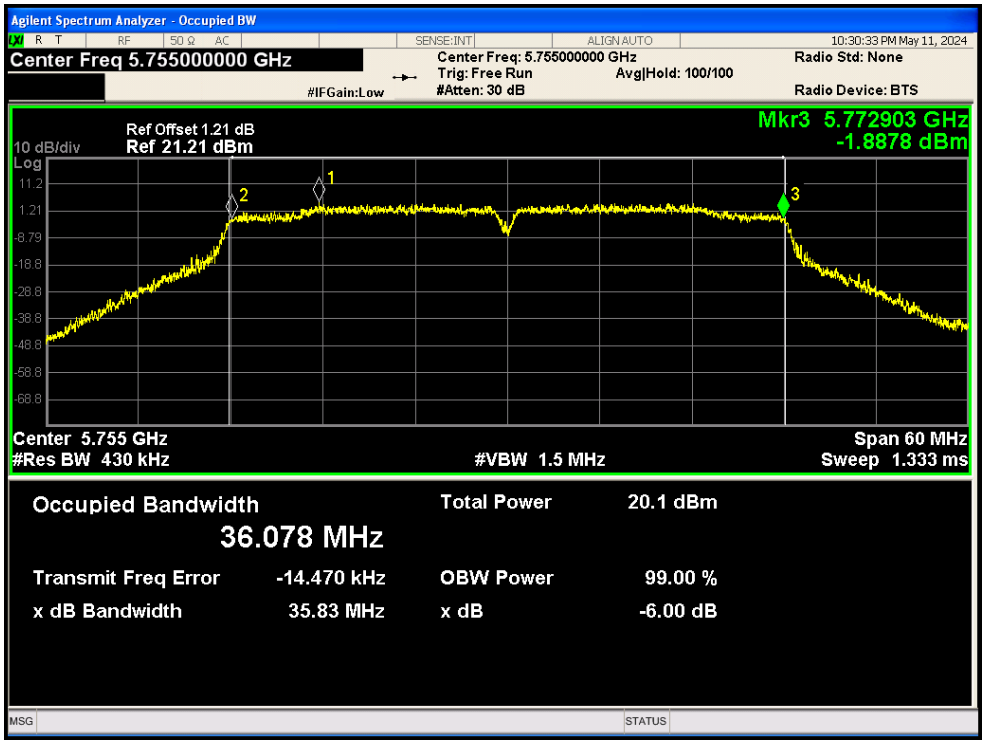
-6dB Bandwidth NVNT n20 5785MHz Ant2



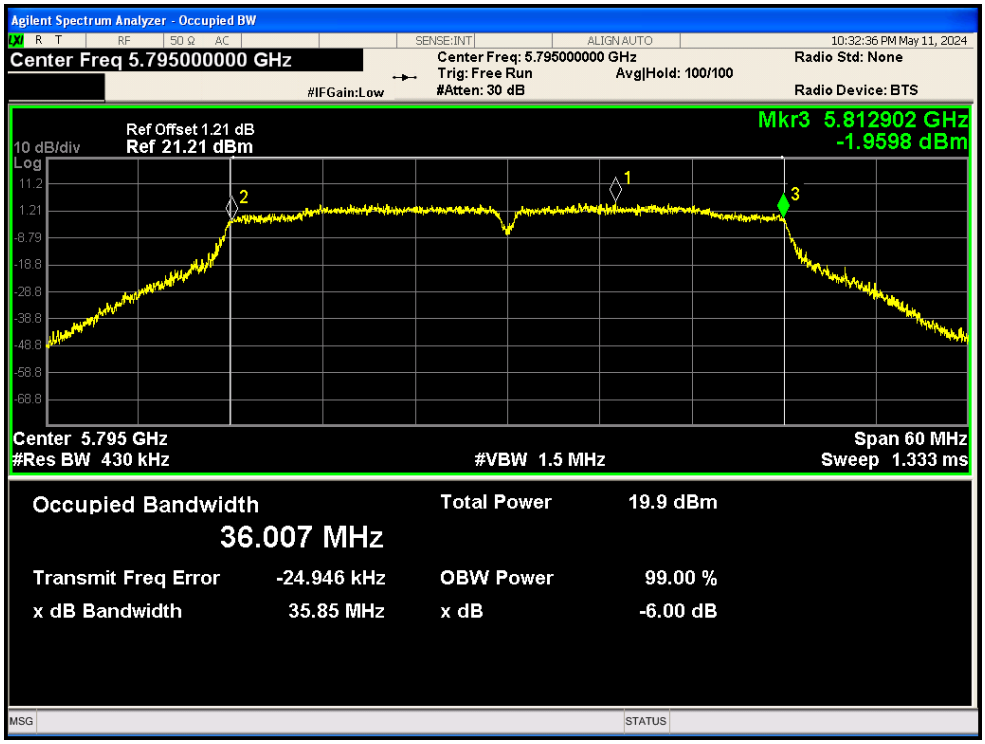
-6dB Bandwidth NVNT n20 5825MHz Ant2



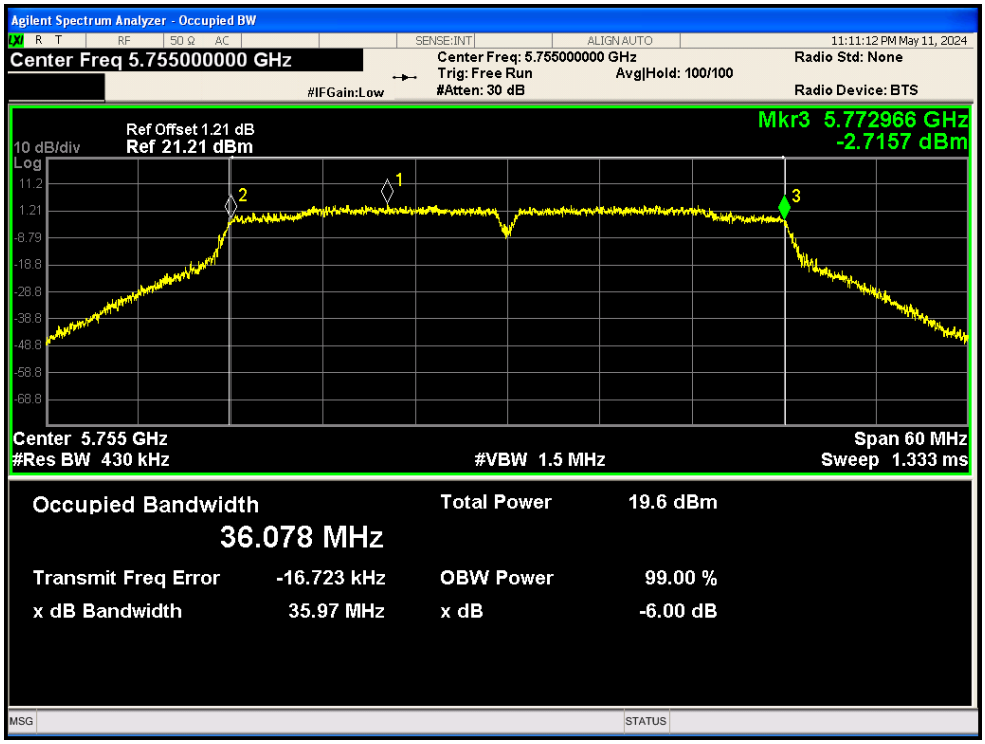
-6dB Bandwidth NVNT n40 5755MHz Ant1



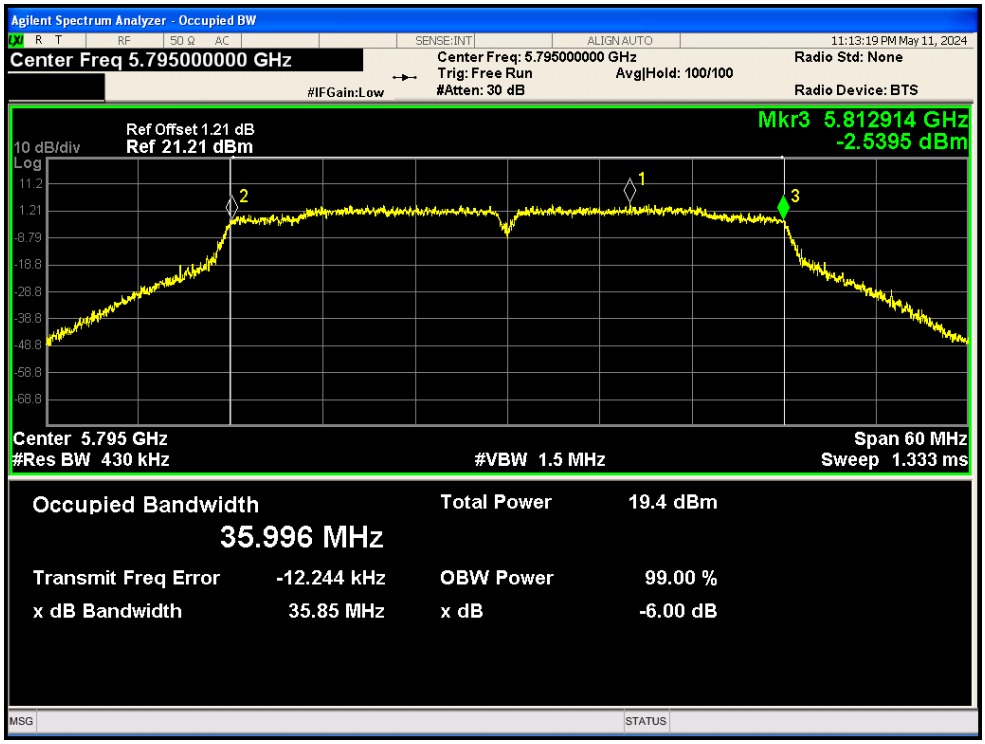
-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant2



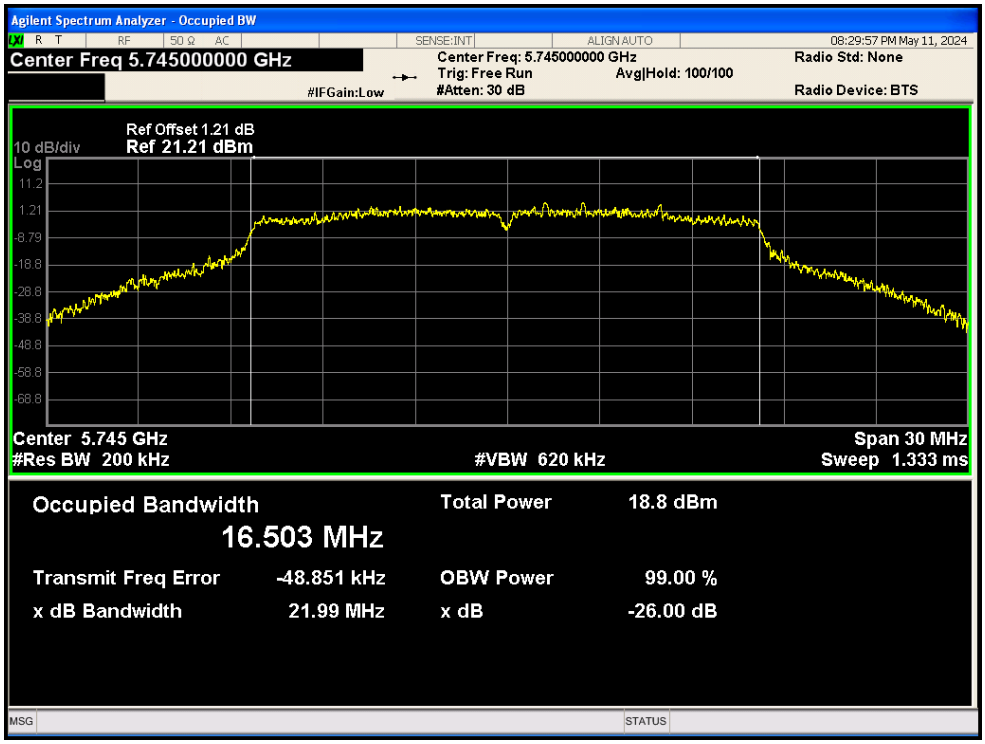
-6dB Bandwidth NVNT n40 5795MHz Ant2



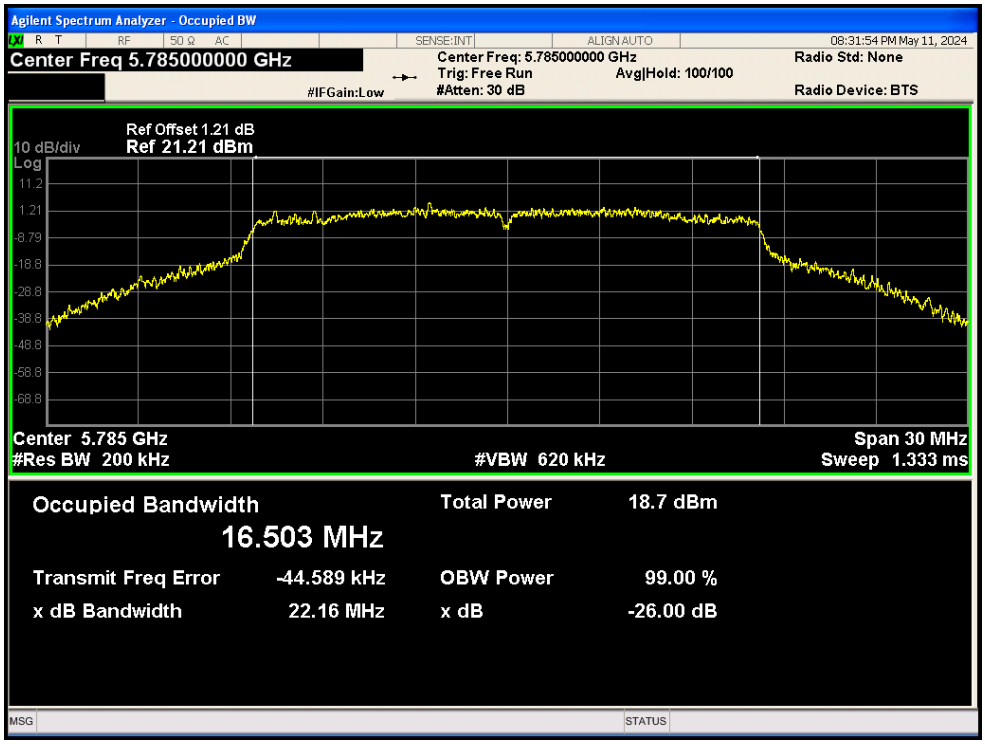
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.503
NVNT	a	5785	Ant1	16.503
NVNT	a	5825	Ant1	16.486
NVNT	a	5745	Ant2	16.513
NVNT	a	5785	Ant2	16.474
NVNT	a	5825	Ant2	16.474
NVNT	ac20	5745	Ant1	17.677
NVNT	ac20	5785	Ant1	17.639
NVNT	ac20	5825	Ant1	17.611
NVNT	ac20	5745	Ant2	17.651
NVNT	ac20	5785	Ant2	17.671
NVNT	ac20	5825	Ant2	17.643
NVNT	ac40	5755	Ant1	36.017
NVNT	ac40	5795	Ant1	36.007
NVNT	ac40	5755	Ant2	36.078
NVNT	ac40	5795	Ant2	36.058
NVNT	ac80	5775	Ant1	75.123
NVNT	ac80	5775	Ant2	75.22
NVNT	n20	5745	Ant1	17.632
NVNT	n20	5785	Ant1	17.649
NVNT	n20	5825	Ant1	17.629
NVNT	n20	5745	Ant2	17.664
NVNT	n20	5785	Ant2	17.651
NVNT	n20	5825	Ant2	17.647
NVNT	n40	5755	Ant1	36.05
NVNT	n40	5795	Ant1	36.035
NVNT	n40	5755	Ant2	36.05
NVNT	n40	5795	Ant2	36.054

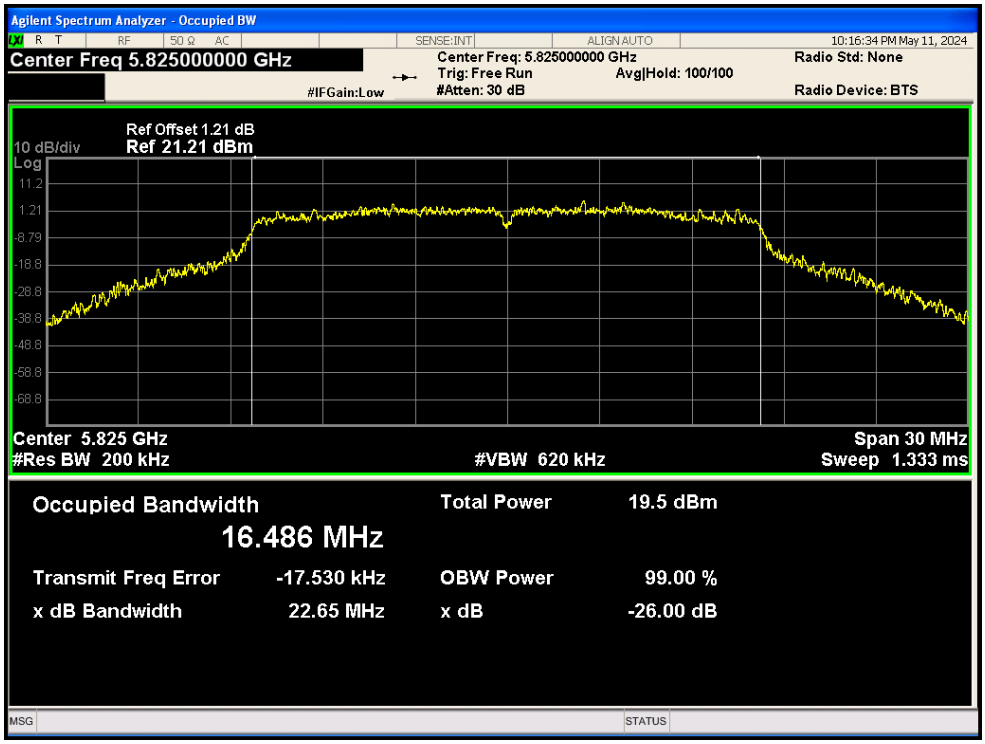
OBW NVNT a 5745MHz Ant1



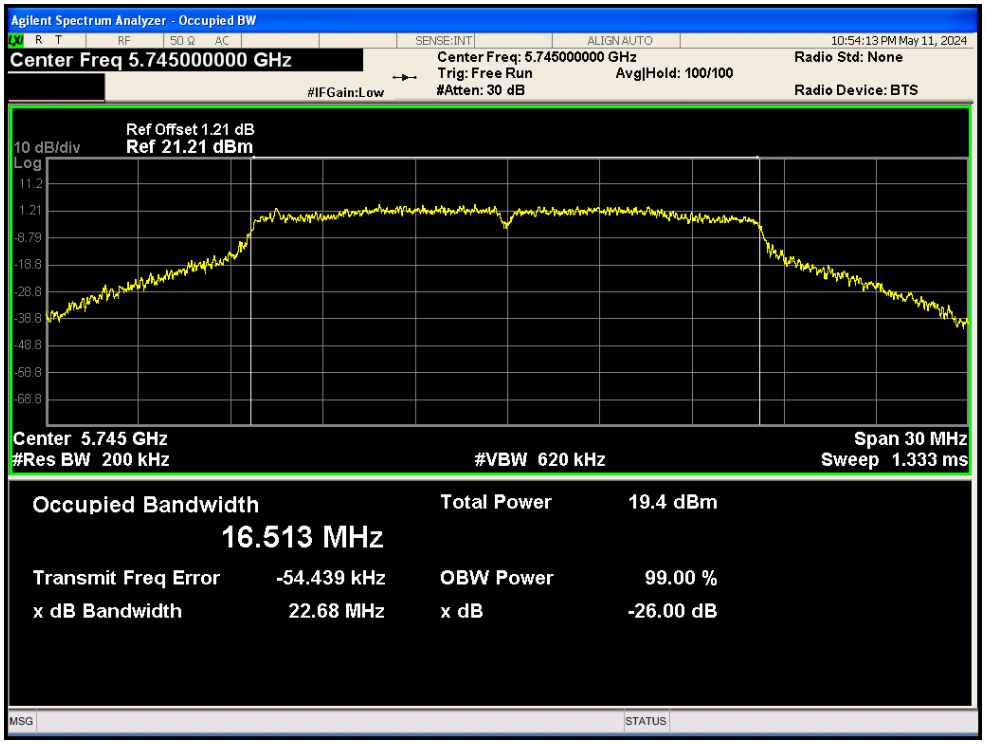
OBW NVNT a 5785MHz Ant1



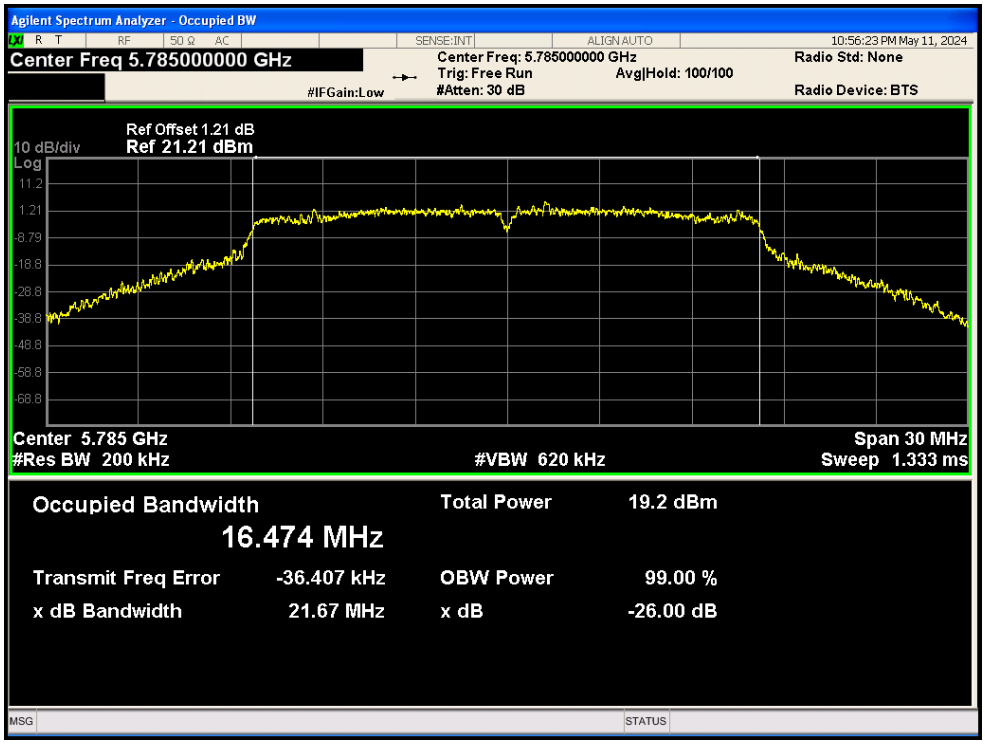
OBW NVNT a 5825MHz Ant1



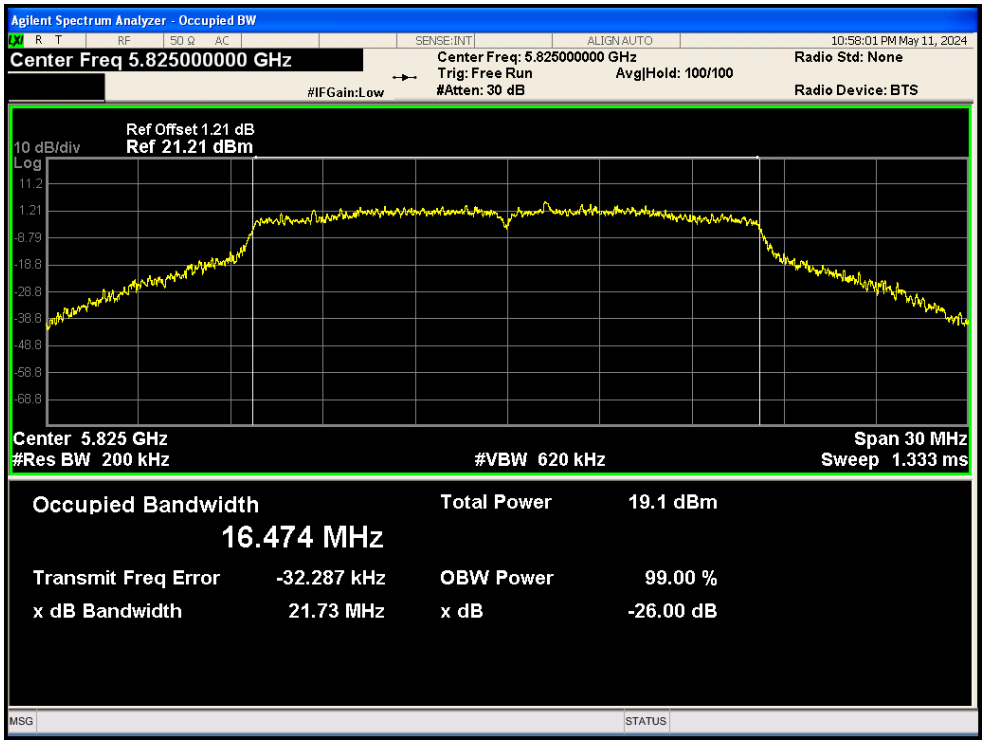
OBW NVNT a 5745MHz Ant2



OBW NVNT a 5785MHz Ant2



OBW NVNT a 5825MHz Ant2



OBW NVNT ac20 5745MHz Ant1