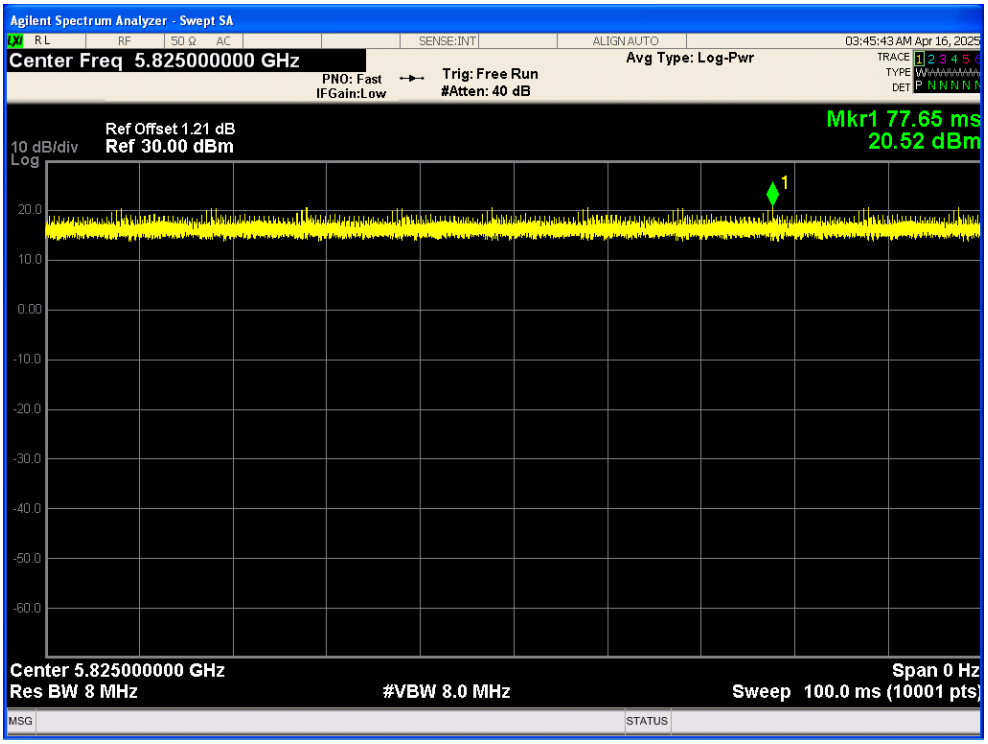
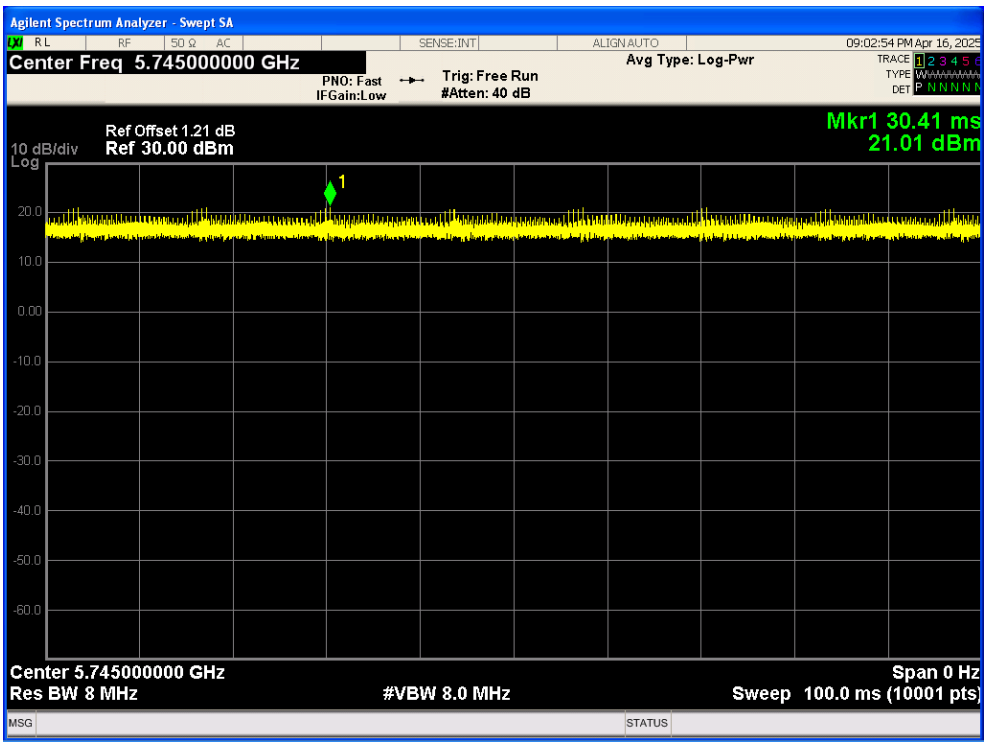
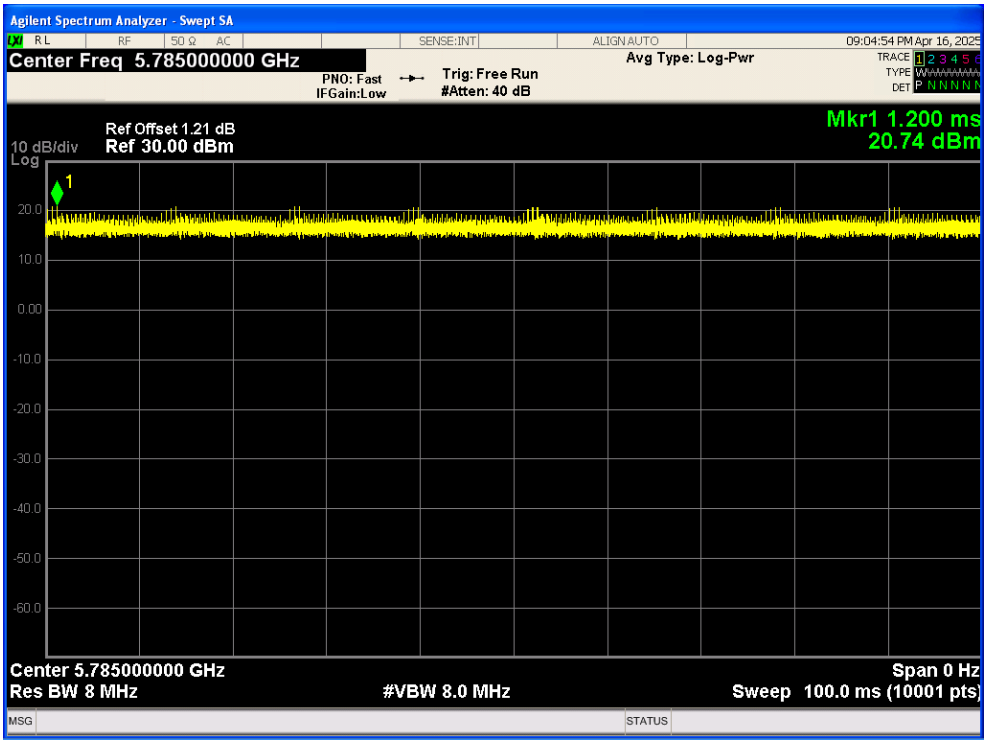


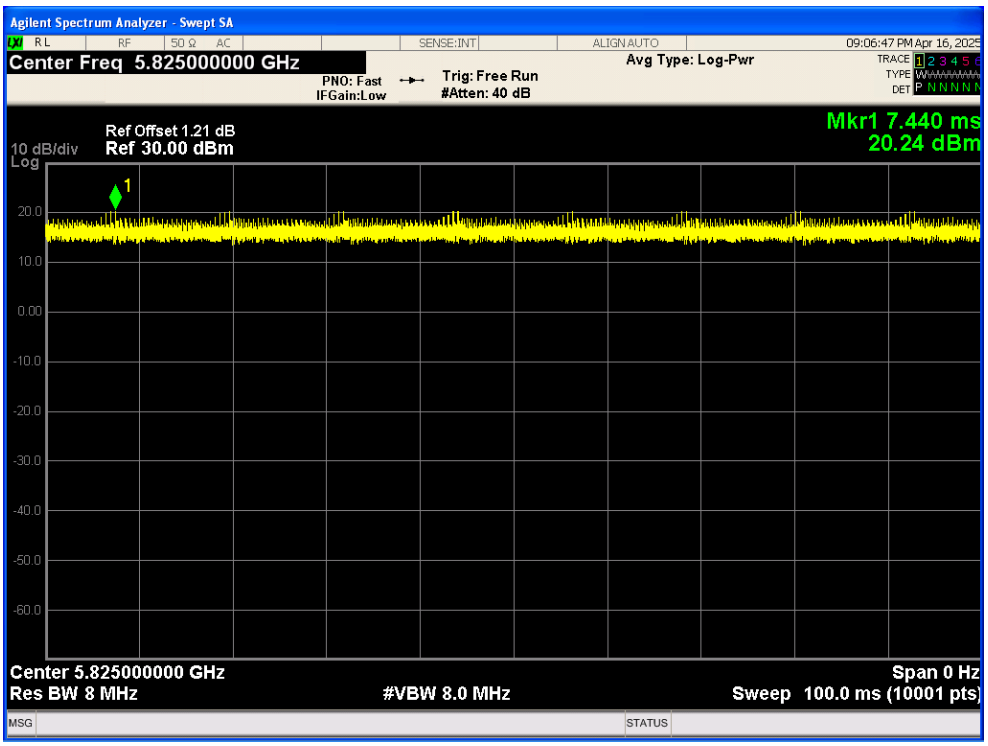
Duty Cycle NVNT a 5745MHz Ant2



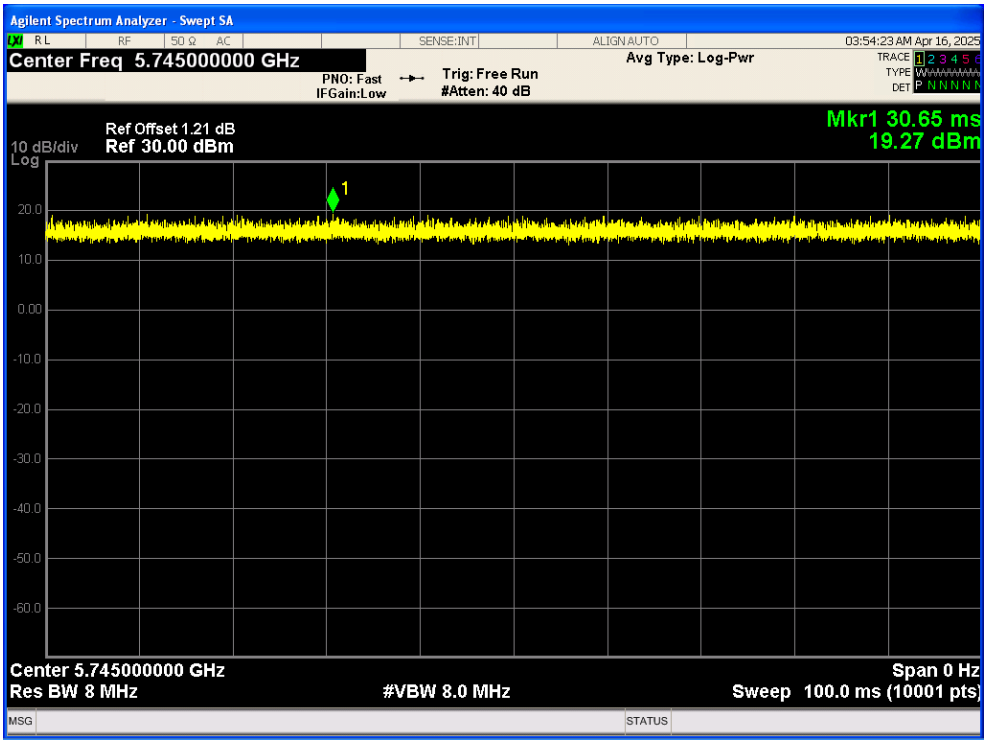
Duty Cycle NVNT a 5785MHz Ant2



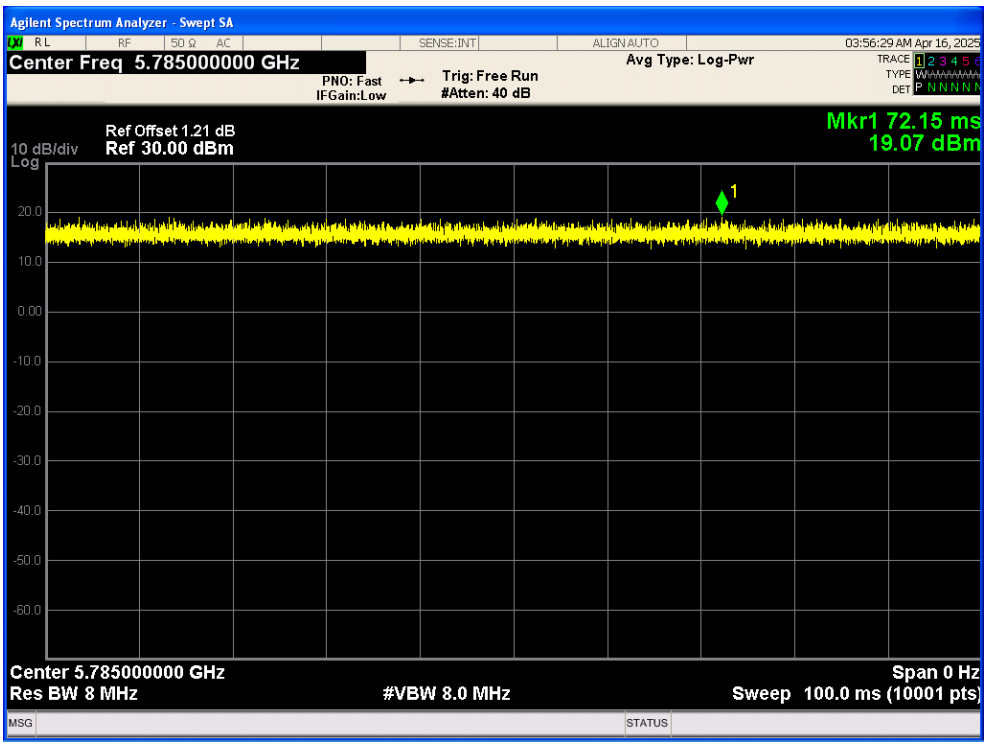
Duty Cycle NVNT a 5825MHz Ant2



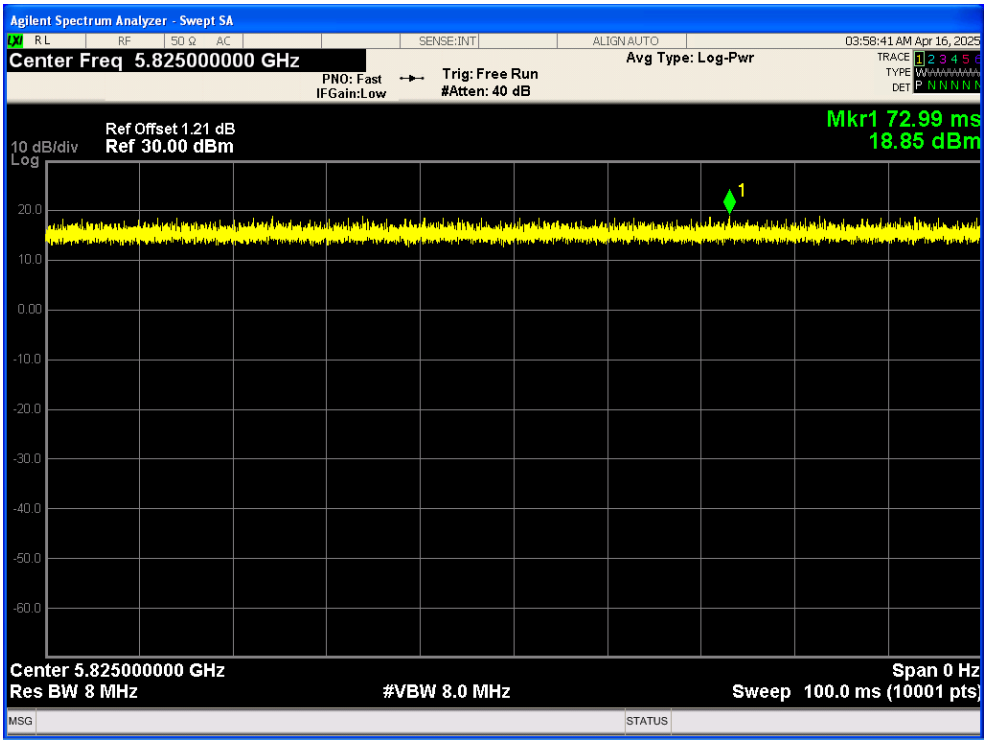
Duty Cycle NVNT ac20 5745MHz Ant1



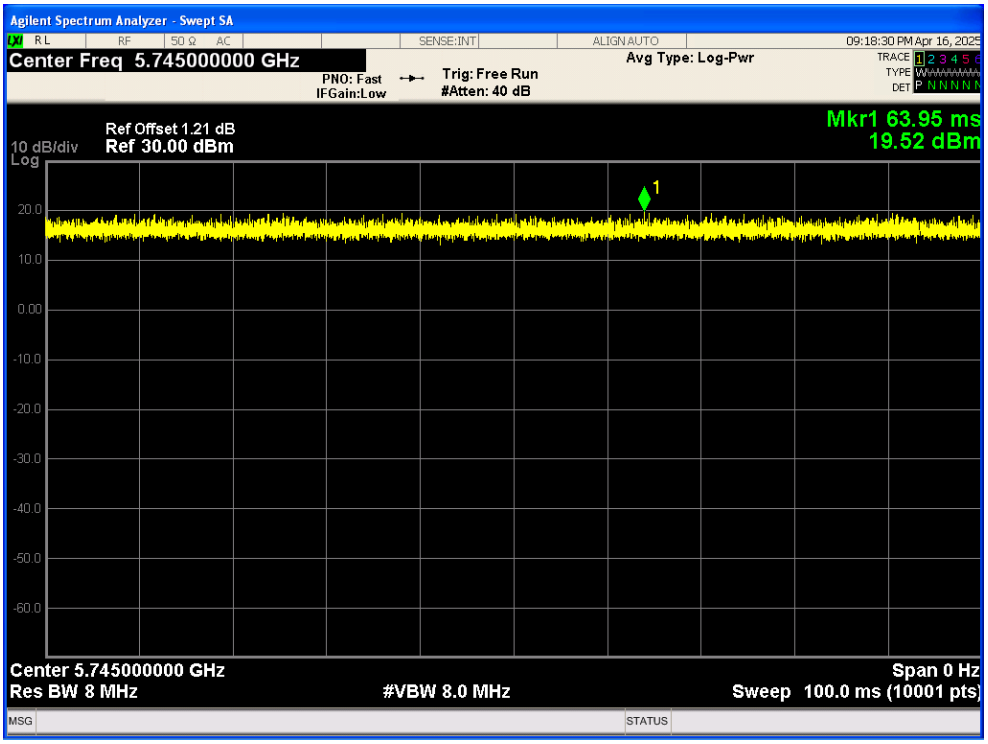
Duty Cycle NVNT ac20 5785MHz Ant1



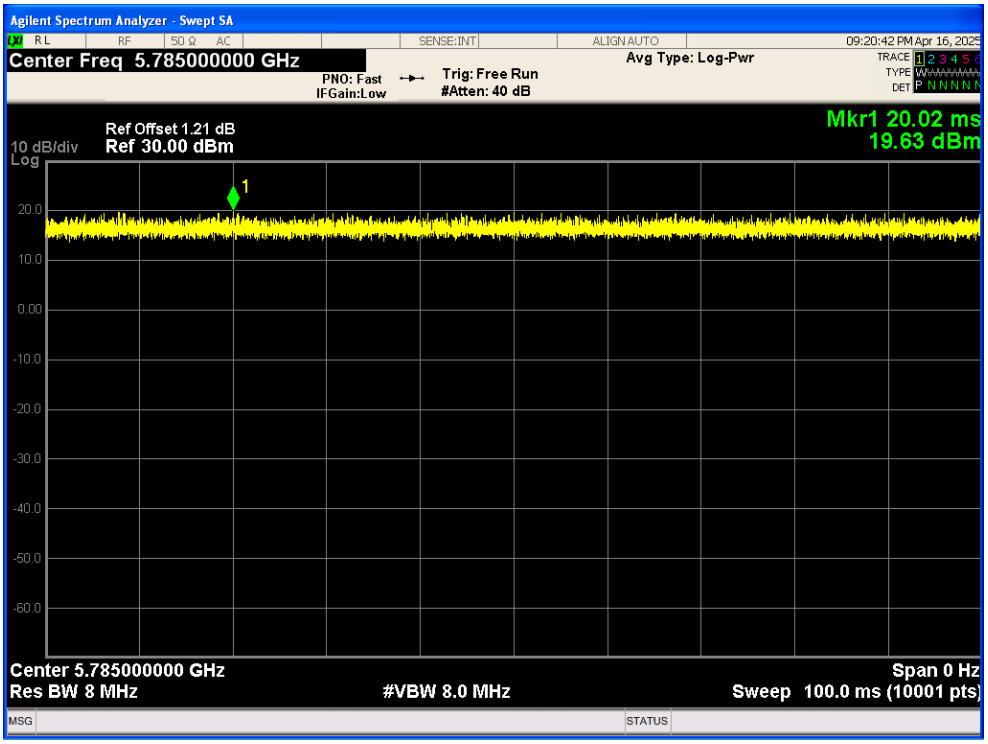
Duty Cycle NVNT ac20 5825MHz Ant1



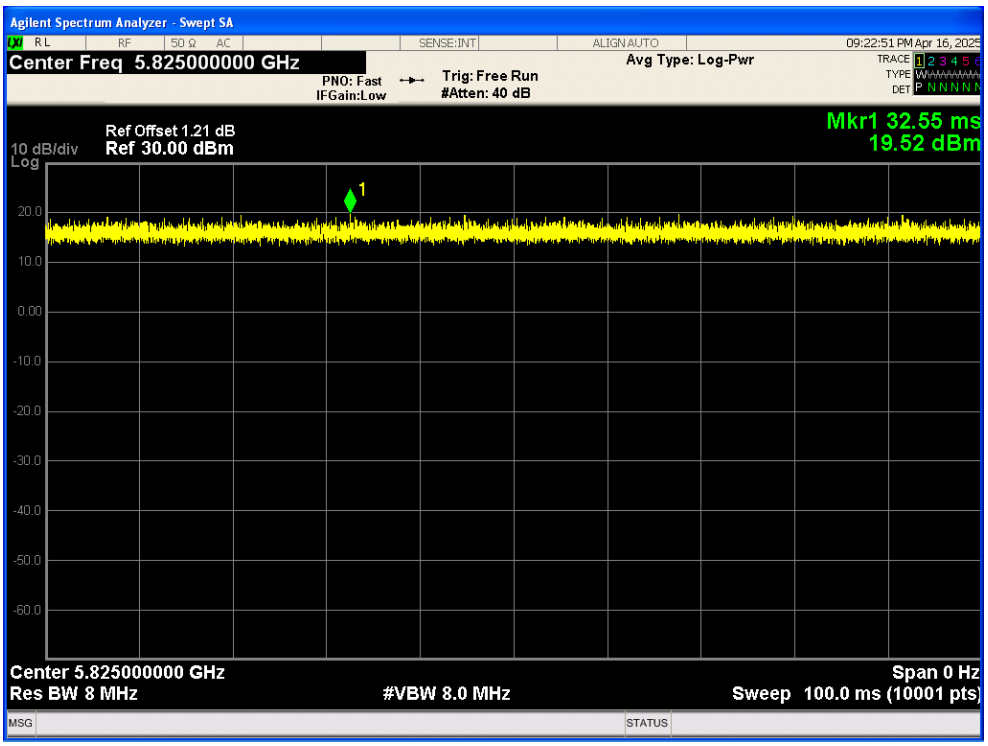
Duty Cycle NVNT ac20 5745MHz Ant2



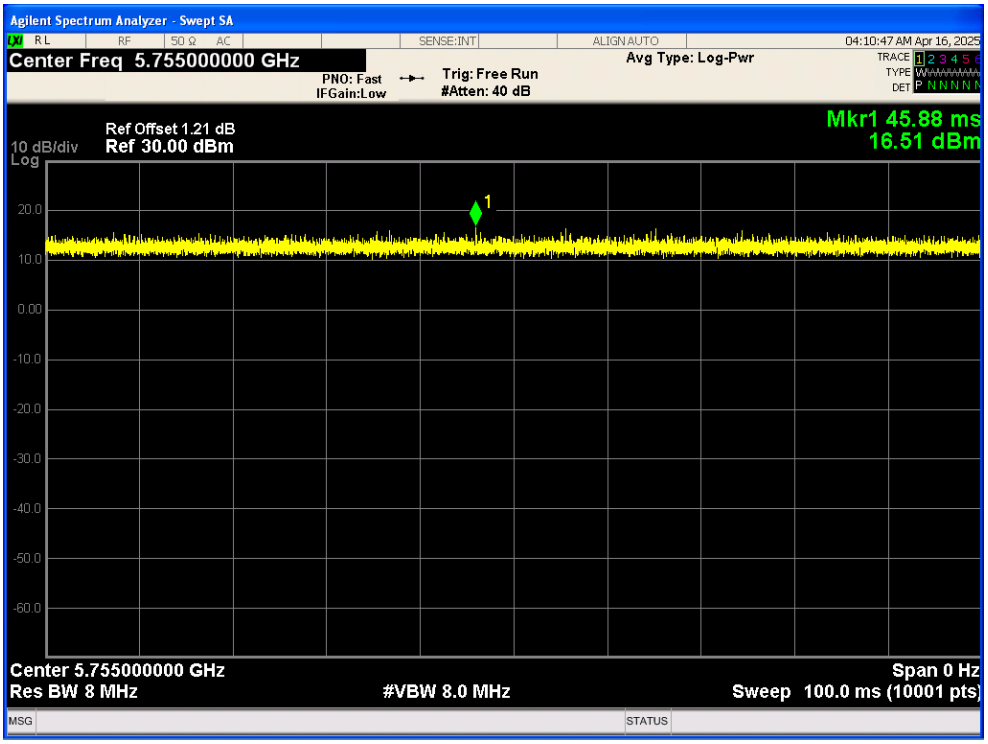
Duty Cycle NVNT ac20 5785MHz Ant2



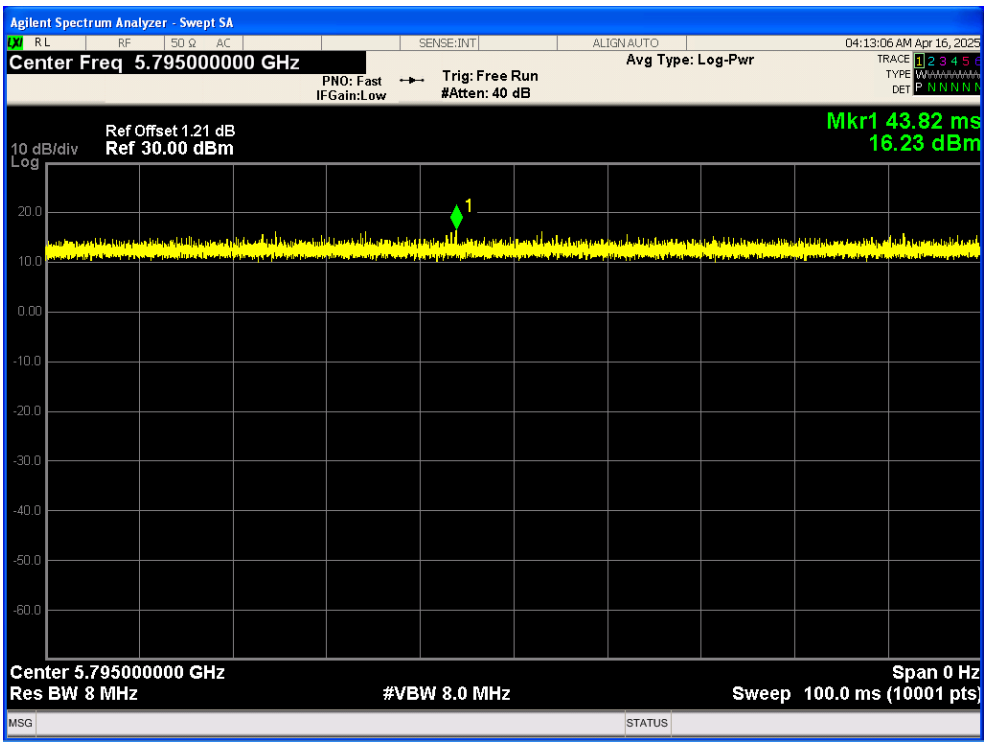
Duty Cycle NVNT ac20 5825MHz Ant2



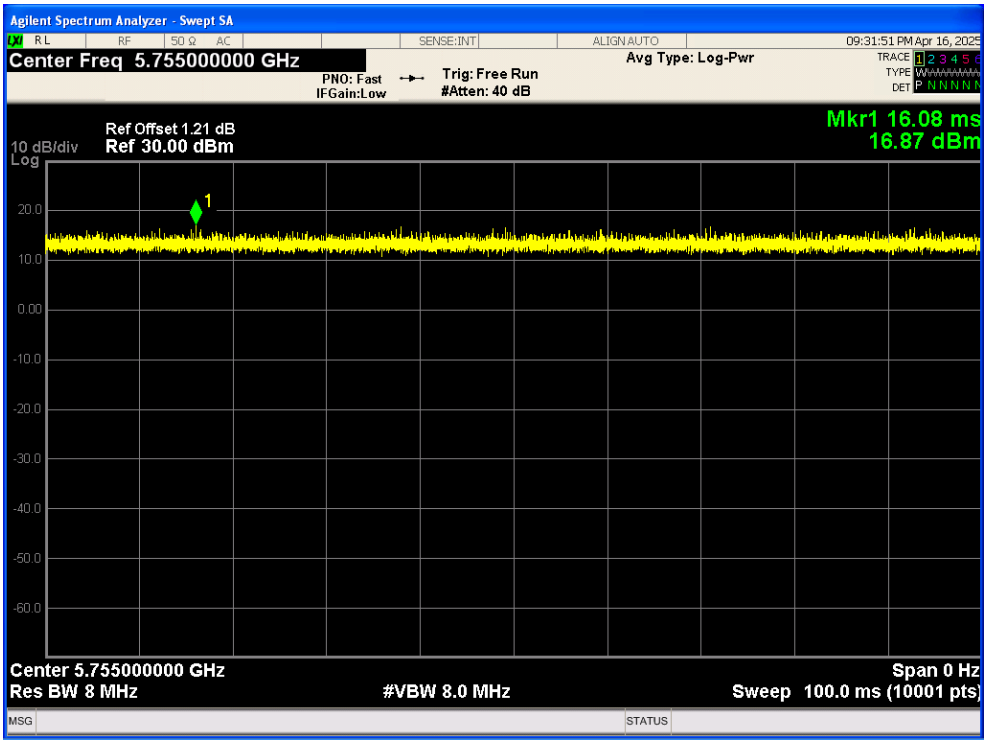
Duty Cycle NVNT ac40 5755MHz Ant1



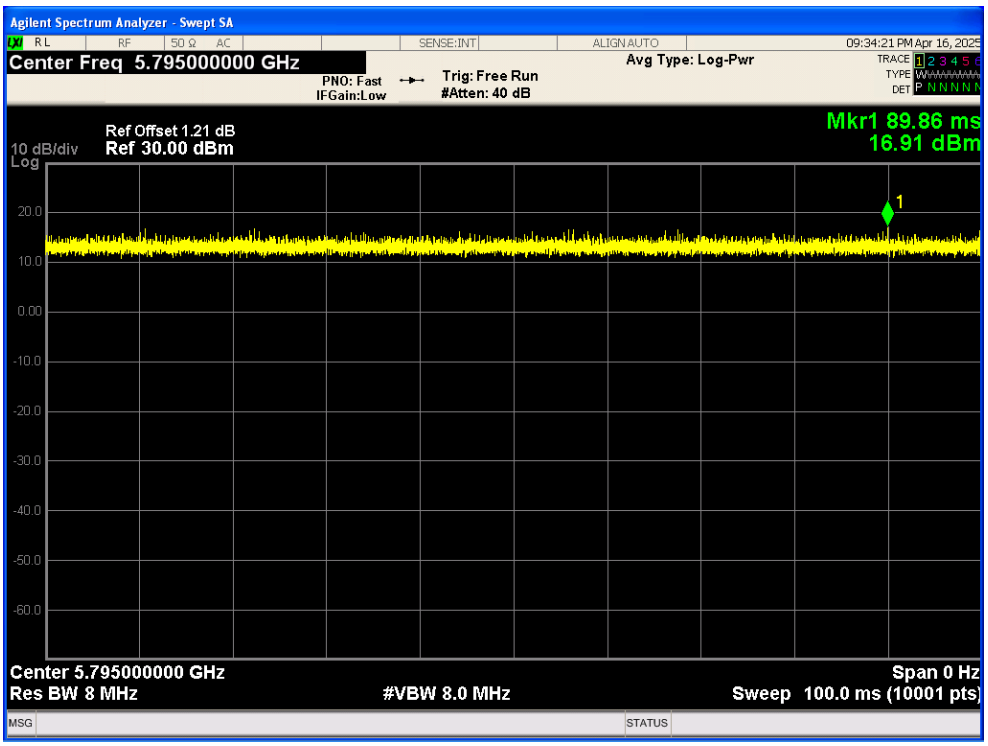
Duty Cycle NVNT ac40 5795MHz Ant1



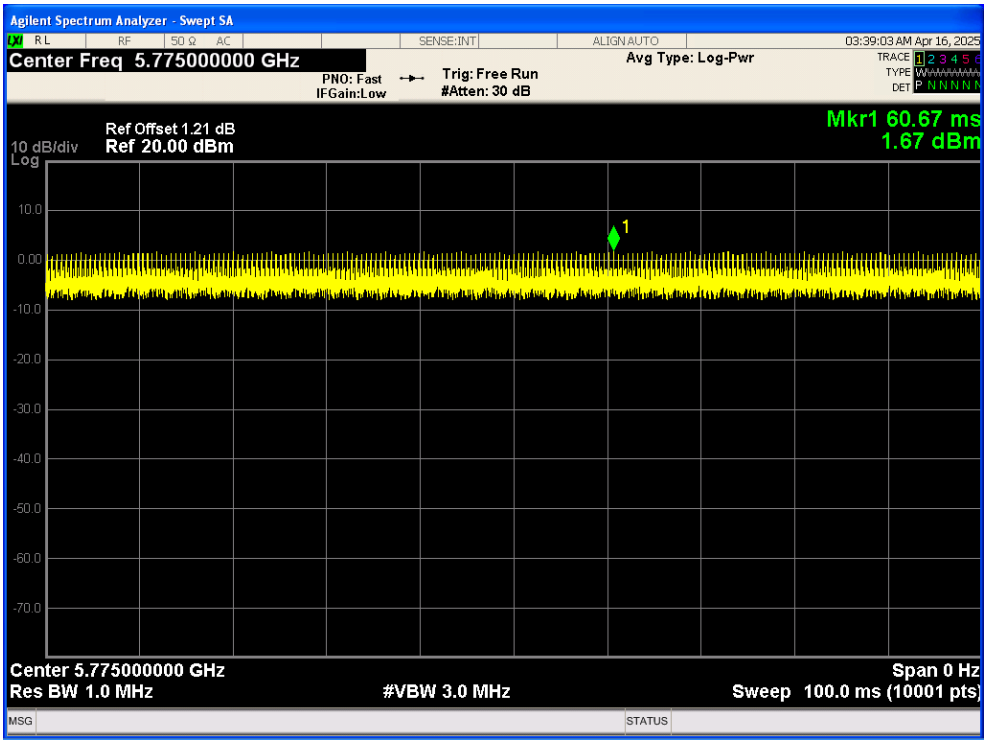
Duty Cycle NVNT ac40 5755MHz Ant2



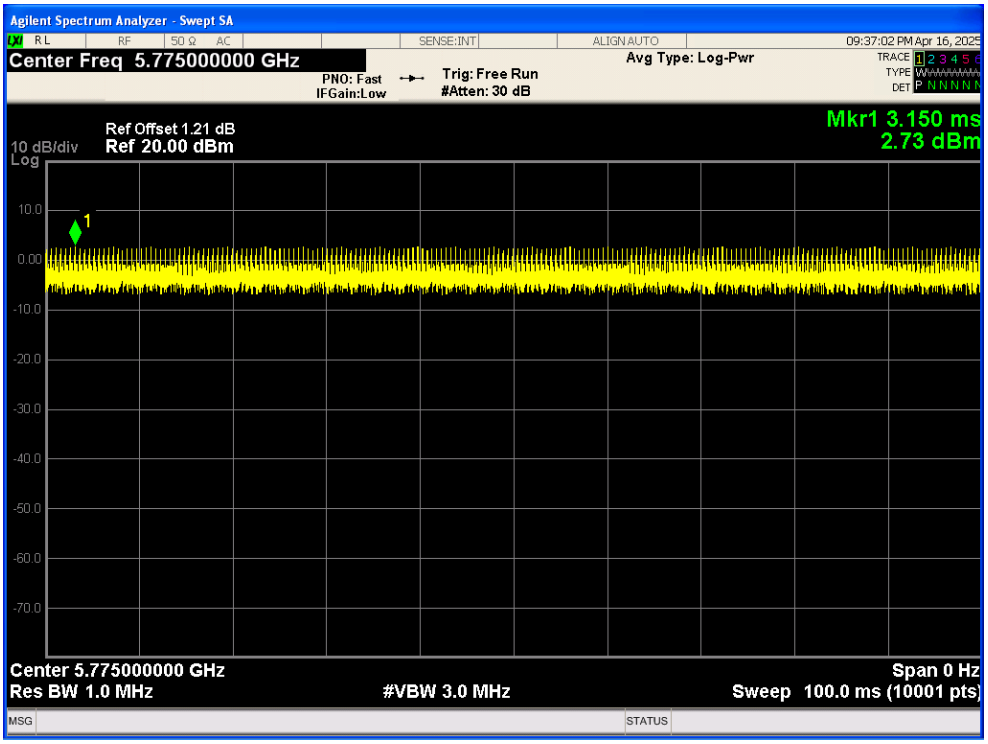
Duty Cycle NVNT ac40 5795MHz Ant2



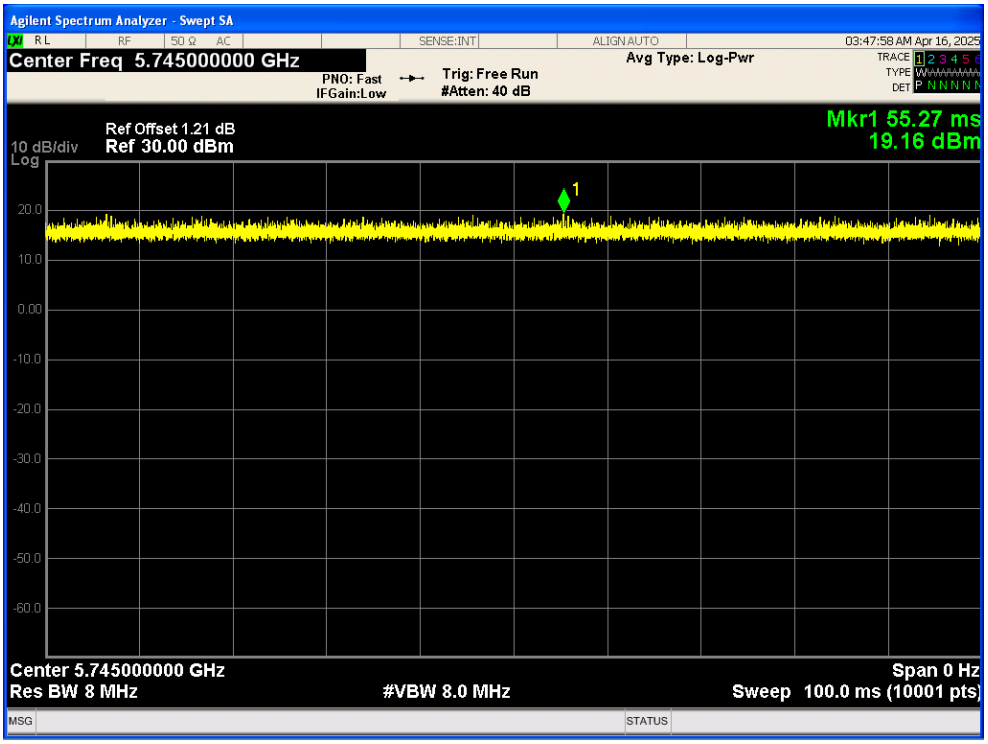
Duty Cycle NVNT ac80 5775MHz Ant1



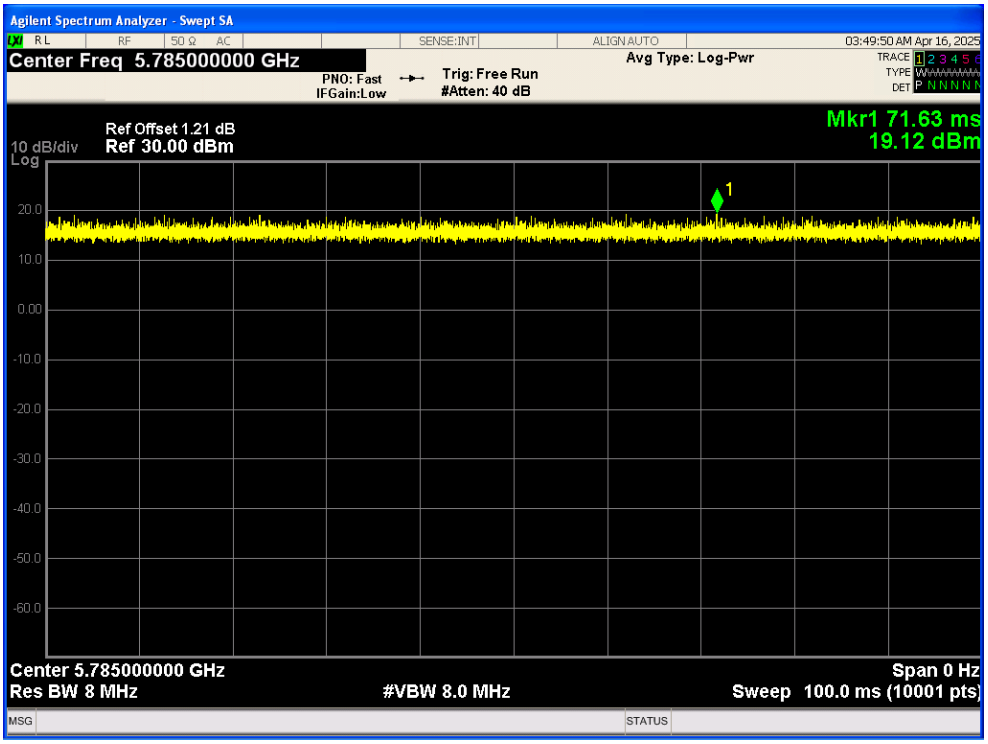
Duty Cycle NVNT ac80 5775MHz Ant2



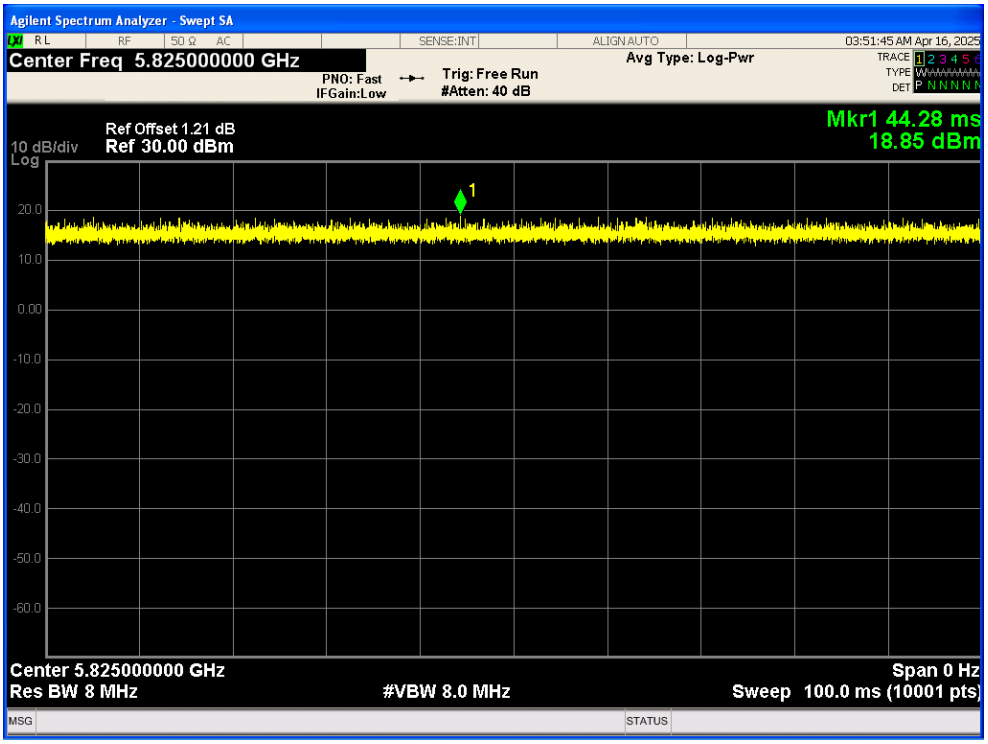
Duty Cycle NVNT n20 5745MHz Ant1



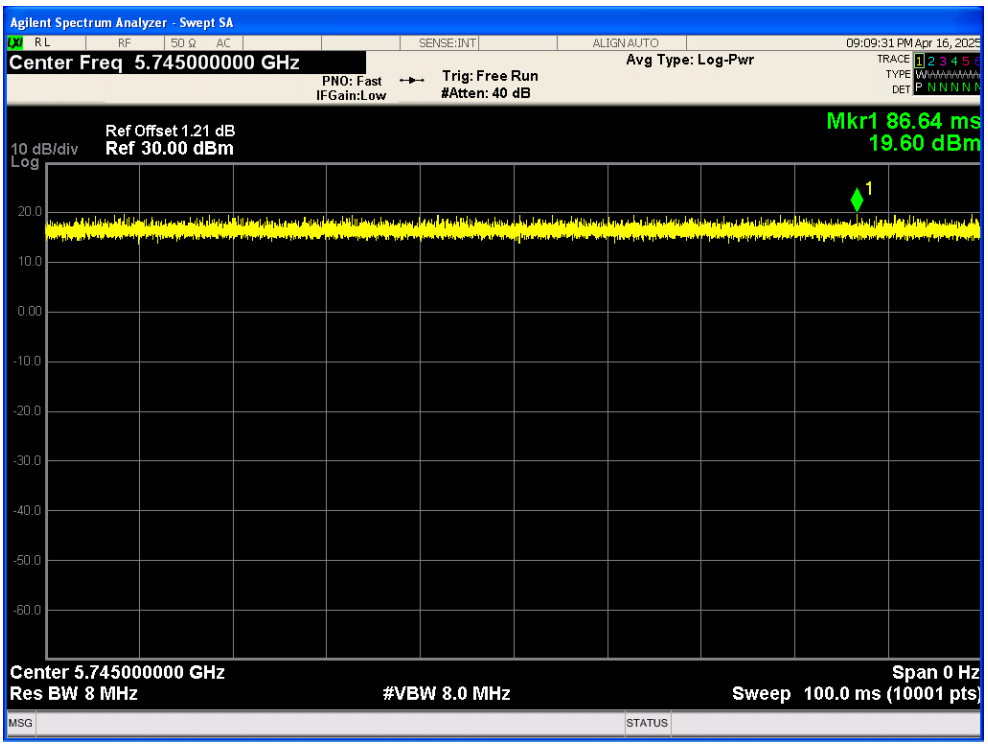
Duty Cycle NVNT n20 5785MHz Ant1



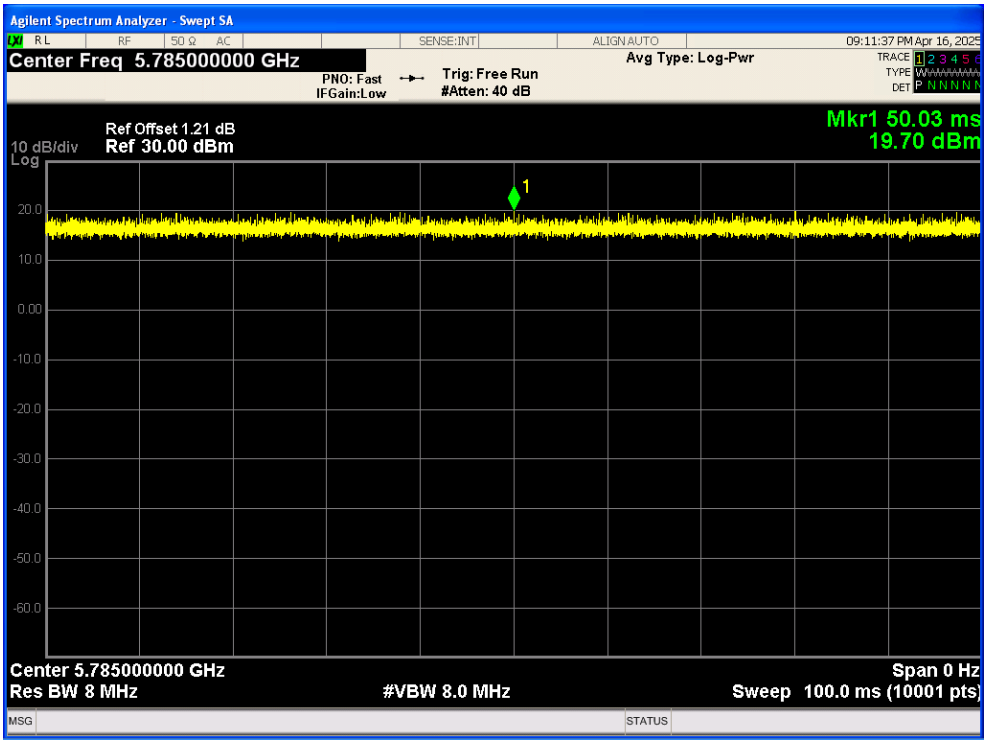
Duty Cycle NVNT n20 5825MHz Ant1



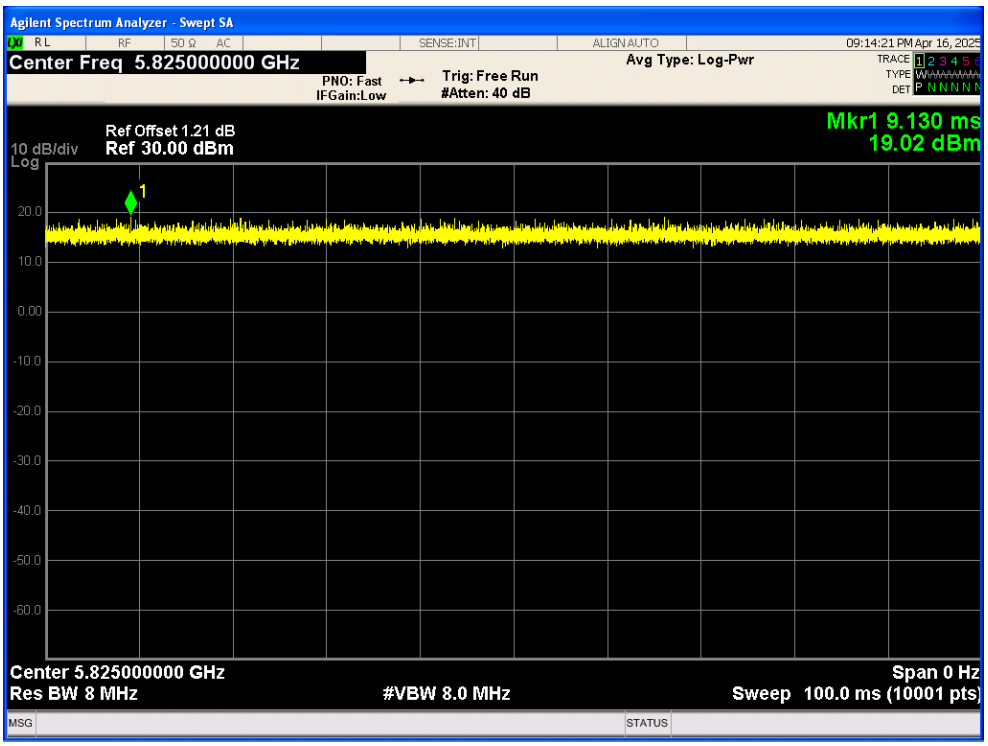
Duty Cycle NVNT n20 5745MHz Ant2



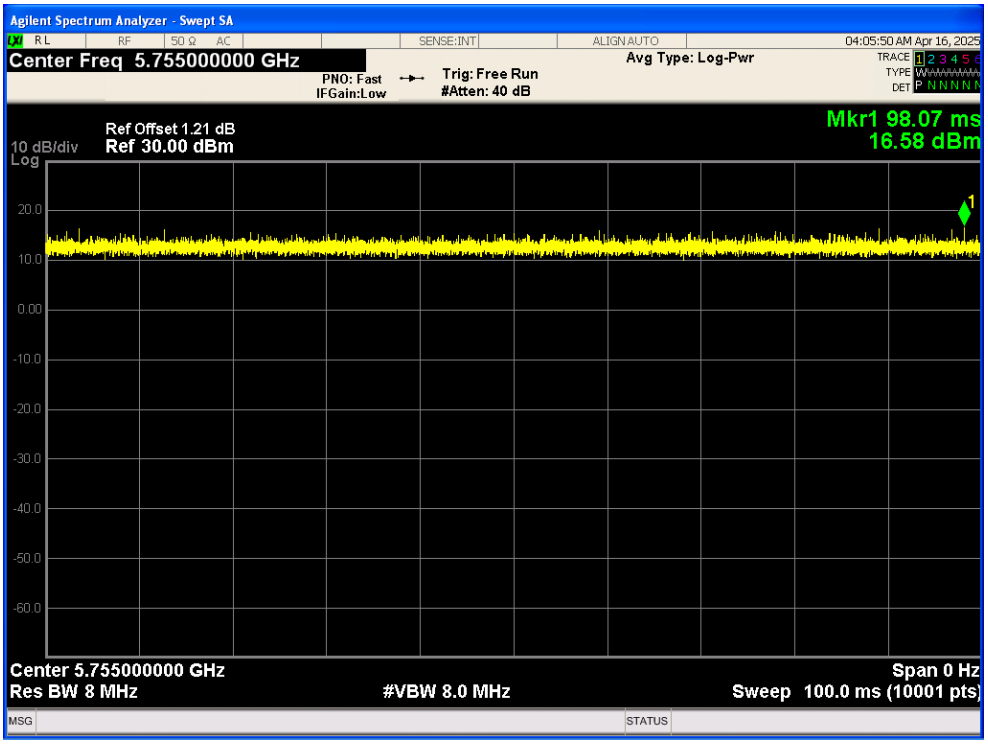
Duty Cycle NVNT n20 5785MHz Ant2



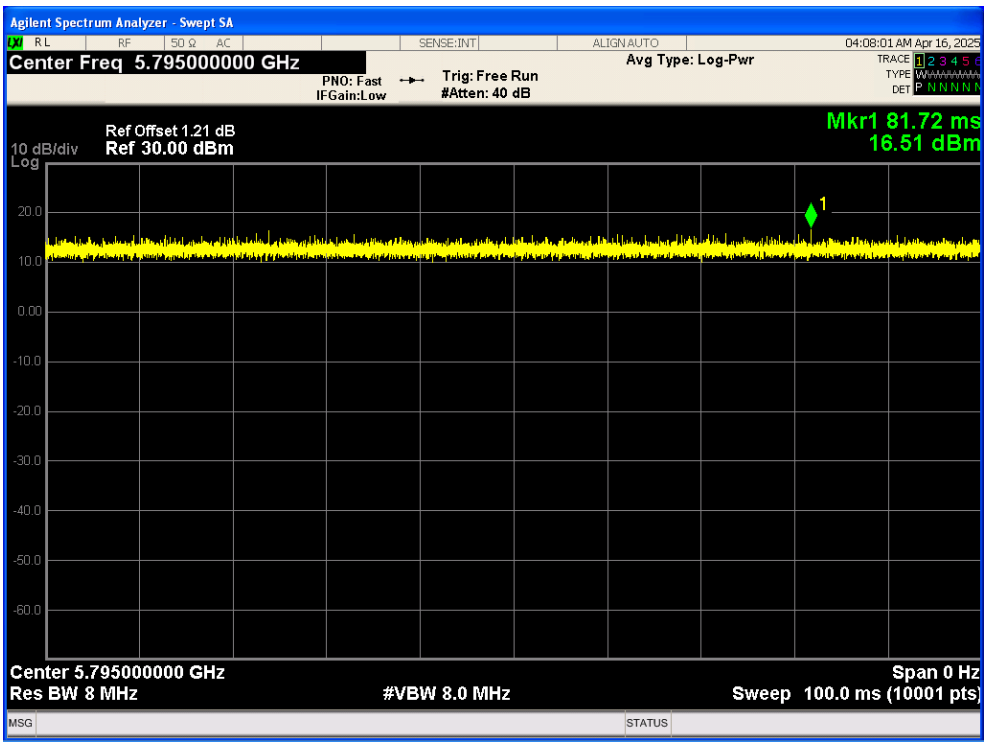
Duty Cycle NVNT n20 5825MHz Ant2



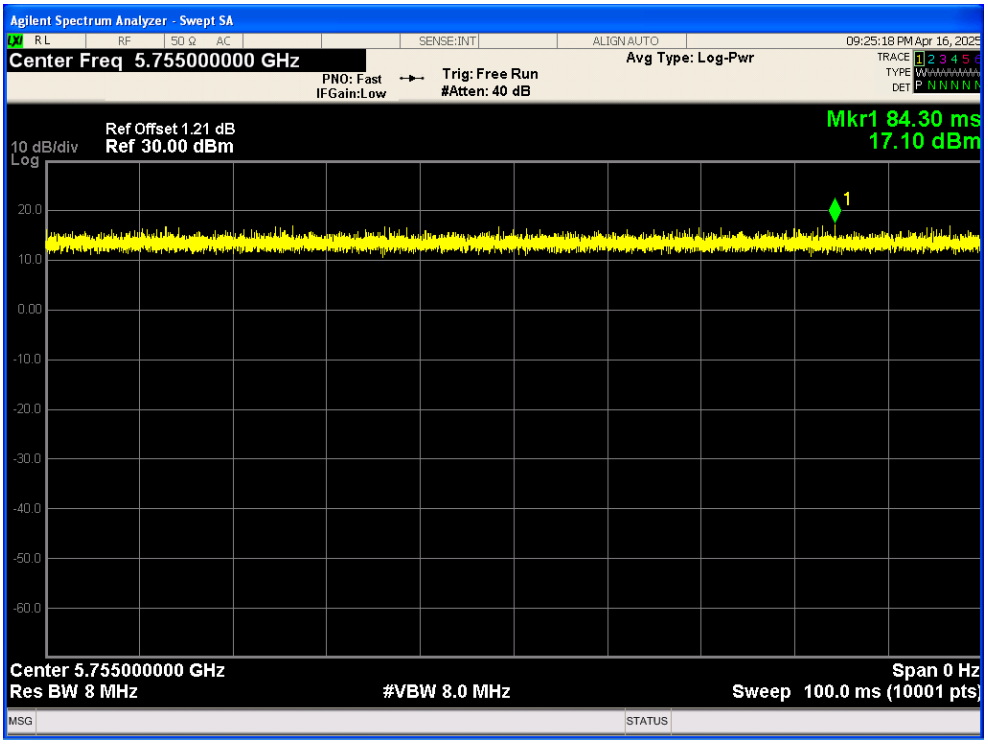
Duty Cycle NVNT n40 5755MHz Ant1



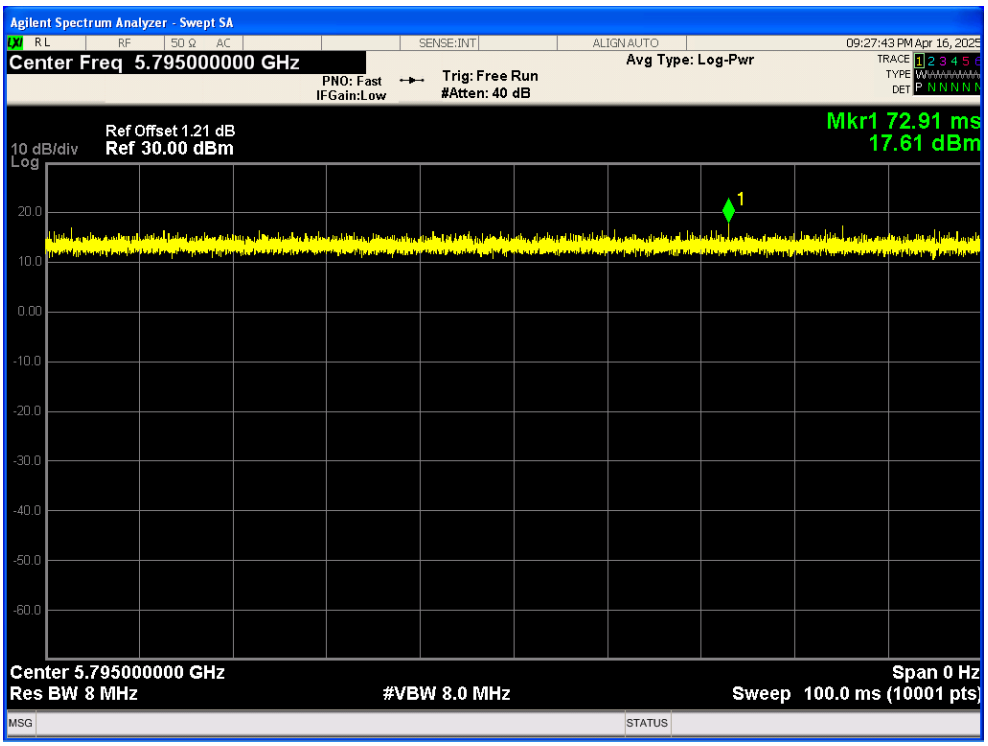
Duty Cycle NVNT n40 5795MHz Ant1



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	13.228	30	Pass
NVNT	a	5785	Ant1	13.037	30	Pass
NVNT	a	5825	Ant1	12.834	30	Pass

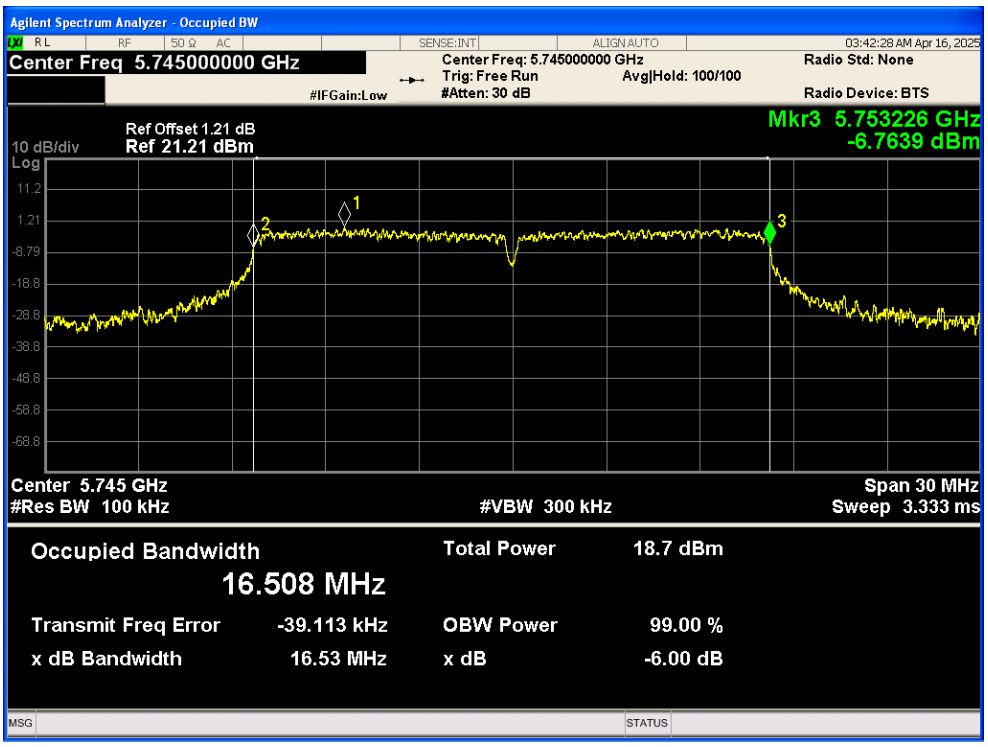
NVNT	a	5745	Ant2	13.223	30	Pass
NVNT	a	5785	Ant2	13.194	30	Pass
NVNT	a	5825	Ant2	12.648	30	Pass
NVNT	ac20	5745	Ant1	12.203	30	Pass
NVNT	ac20	5785	Ant1	12.076	30	Pass
NVNT	ac20	5825	Ant1	11.821	30	Pass
NVNT	ac20	5745	Ant2	12.689	30	Pass
NVNT	ac20	5785	Ant2	12.921	30	Pass
NVNT	ac20	5825	Ant2	12.384	30	Pass
NVNT	ac40	5755	Ant1	12.506	30	Pass
NVNT	ac40	5795	Ant1	12.301	30	Pass
NVNT	ac40	5755	Ant2	13.247	30	Pass
NVNT	ac40	5795	Ant2	13.056	30	Pass
NVNT	ac80	5775	Ant1	12.262	30	Pass
NVNT	ac80	5775	Ant2	13.138	30	Pass
NVNT	n20	5745	Ant1	12.235	30	Pass
NVNT	n20	5785	Ant1	12.085	30	Pass
NVNT	n20	5825	Ant1	12.081	30	Pass
NVNT	n20	5745	Ant2	12.994	30	Pass
NVNT	n20	5785	Ant2	12.985	30	Pass
NVNT	n20	5825	Ant2	12.069	30	Pass
NVNT	n40	5755	Ant1	12.469	30	Pass
NVNT	n40	5795	Ant1	12.315	30	Pass
NVNT	n40	5755	Ant2	10.497	30	Pass
NVNT	n40	5795	Ant2	10.291	30	Pass

-6dB Bandwidth

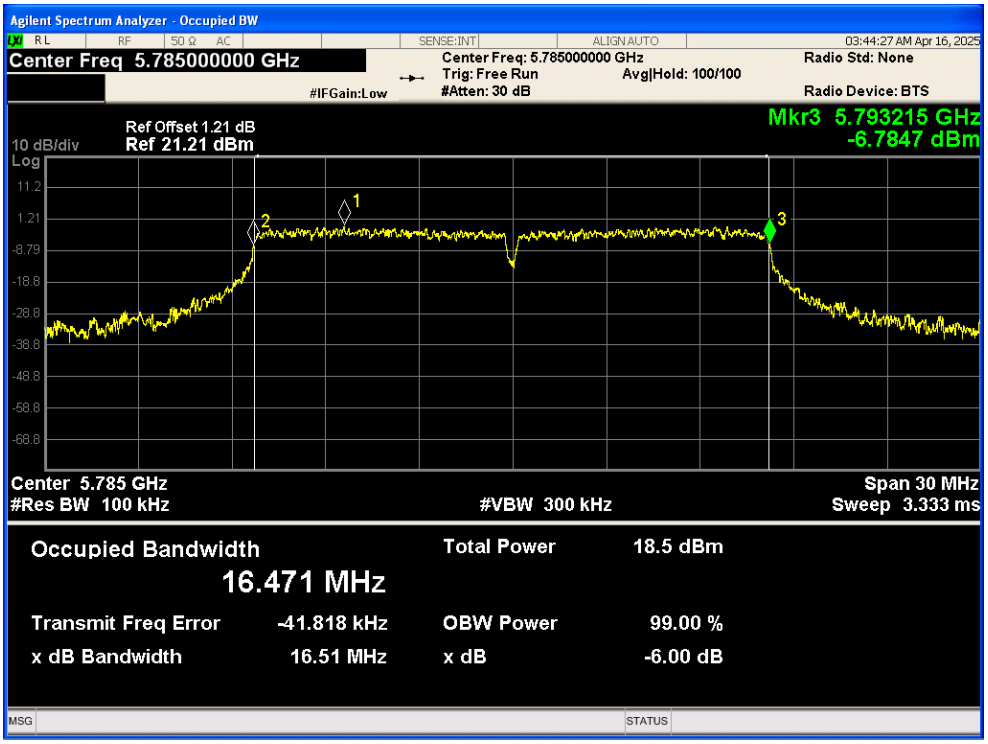
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.529	0.5	Pass
NVNT	a	5785	Ant1	16.514	0.5	Pass
NVNT	a	5825	Ant1	16.535	0.5	Pass
NVNT	a	5745	Ant2	16.49	0.5	Pass
NVNT	a	5785	Ant2	16.543	0.5	Pass
NVNT	a	5825	Ant2	16.537	0.5	Pass
NVNT	ac20	5745	Ant1	17.746	0.5	Pass
NVNT	ac20	5785	Ant1	17.701	0.5	Pass
NVNT	ac20	5825	Ant1	17.656	0.5	Pass
NVNT	ac20	5745	Ant2	17.731	0.5	Pass
NVNT	ac20	5785	Ant2	17.65	0.5	Pass
NVNT	ac20	5825	Ant2	17.628	0.5	Pass
NVNT	ac40	5755	Ant1	36.442	0.5	Pass

NVNT	ac40	5795	Ant1	36.448	0.5	Pass
NVNT	ac40	5755	Ant2	36.4	0.5	Pass
NVNT	ac40	5795	Ant2	36.386	0.5	Pass
NVNT	ac80	5775	Ant1	76.34	0.5	Pass
NVNT	ac80	5775	Ant2	76.351	0.5	Pass
NVNT	n20	5745	Ant1	17.672	0.5	Pass
NVNT	n20	5785	Ant1	17.697	0.5	Pass
NVNT	n20	5825	Ant1	17.619	0.5	Pass
NVNT	n20	5745	Ant2	17.663	0.5	Pass
NVNT	n20	5785	Ant2	17.645	0.5	Pass
NVNT	n20	5825	Ant2	17.658	0.5	Pass
NVNT	n40	5755	Ant1	36.414	0.5	Pass
NVNT	n40	5795	Ant1	36.464	0.5	Pass
NVNT	n40	5755	Ant2	35.816	0.5	Pass
NVNT	n40	5795	Ant2	36.384	0.5	Pass

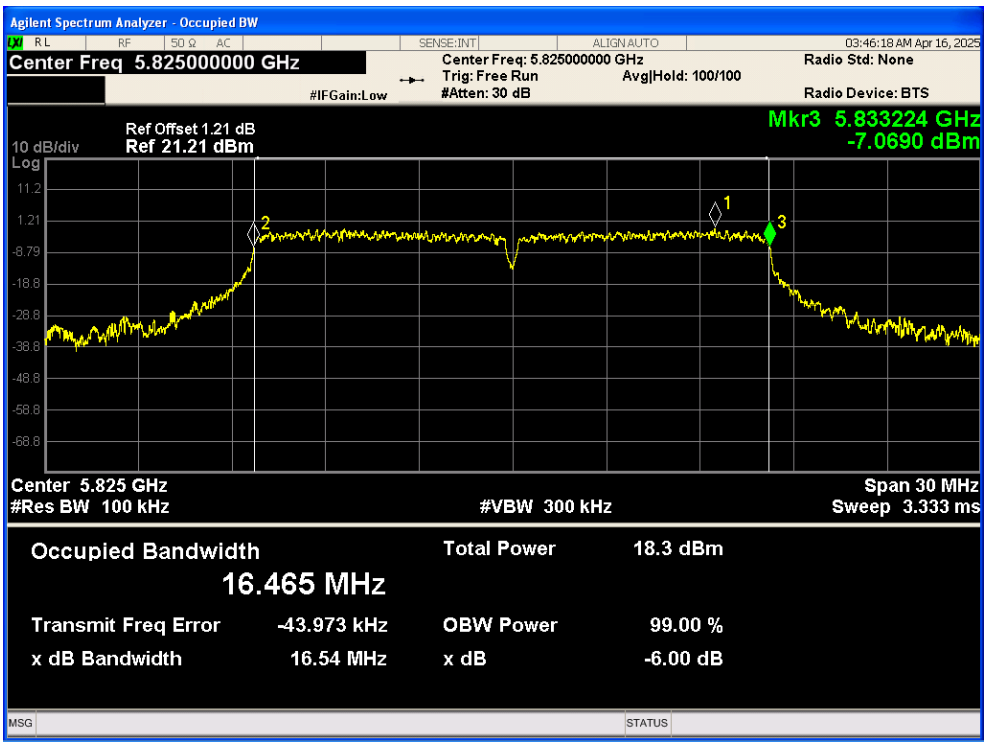
-6dB Bandwidth NVNT a 5745MHz Ant1



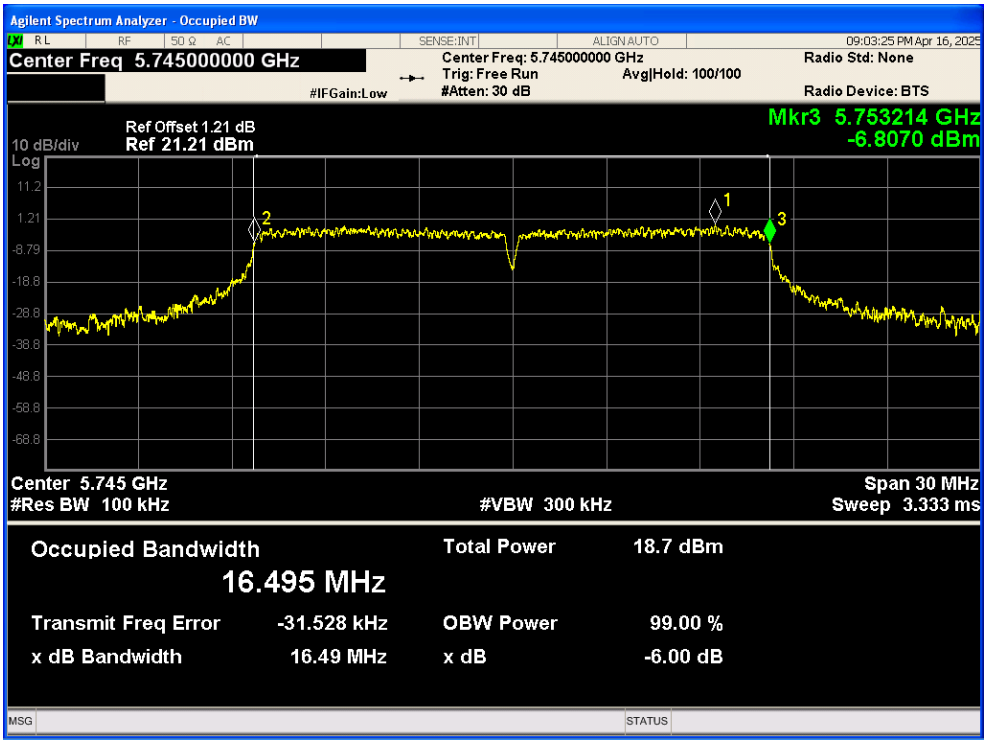
-6dB Bandwidth NVNT a 5785MHz Ant1



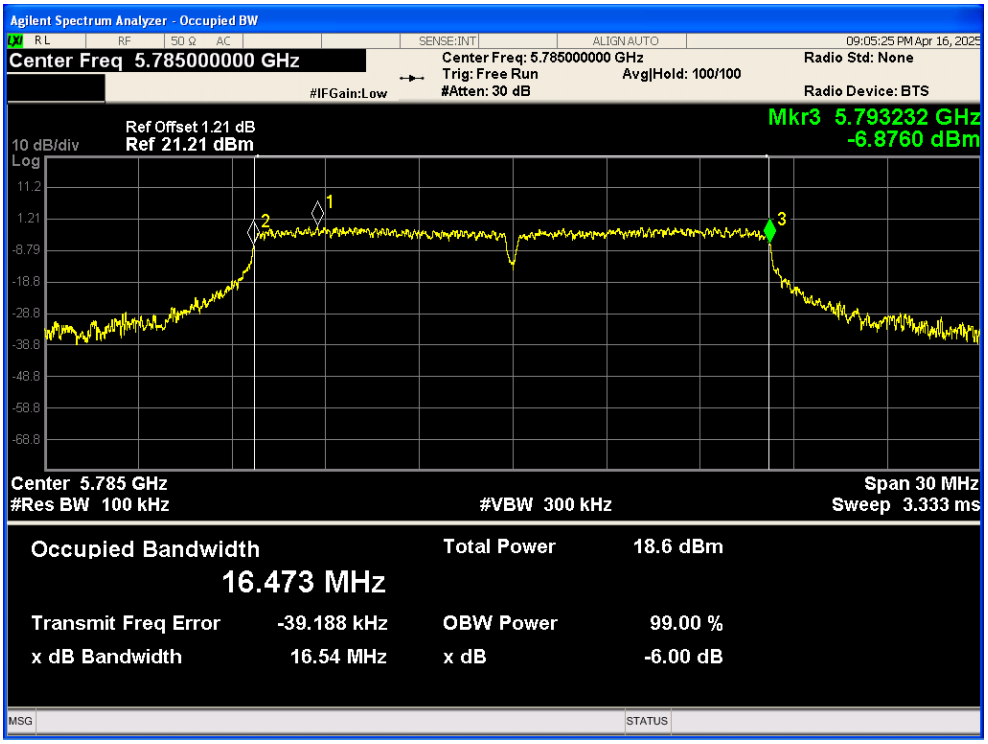
-6dB Bandwidth NVNT a 5825MHz Ant1



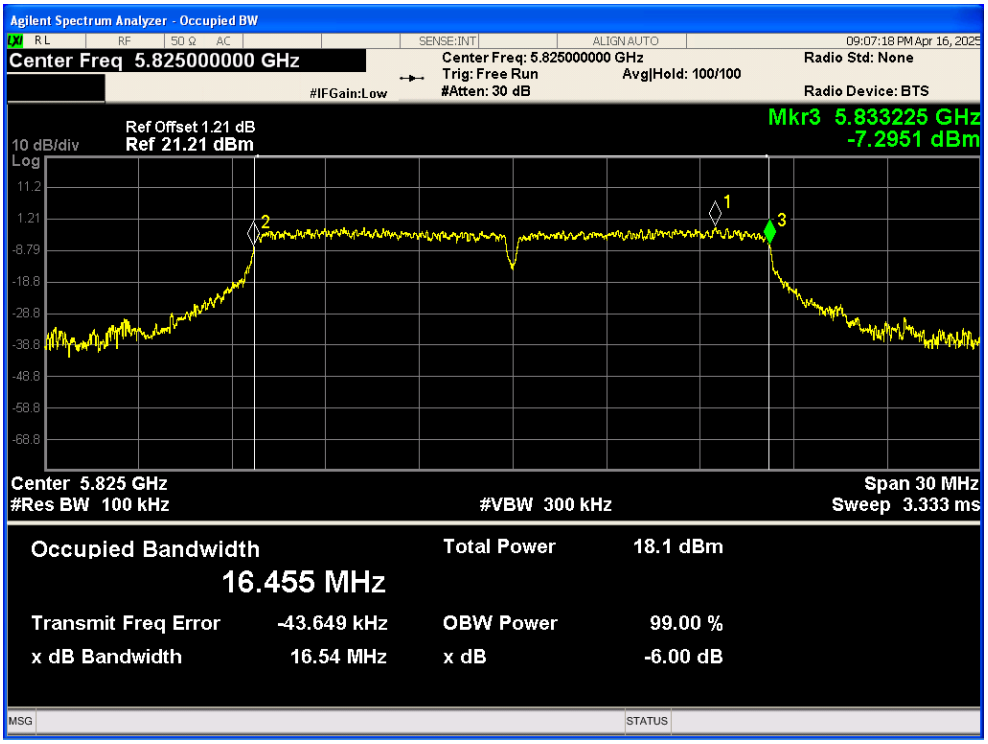
-6dB Bandwidth NVNT a 5745MHz Ant2



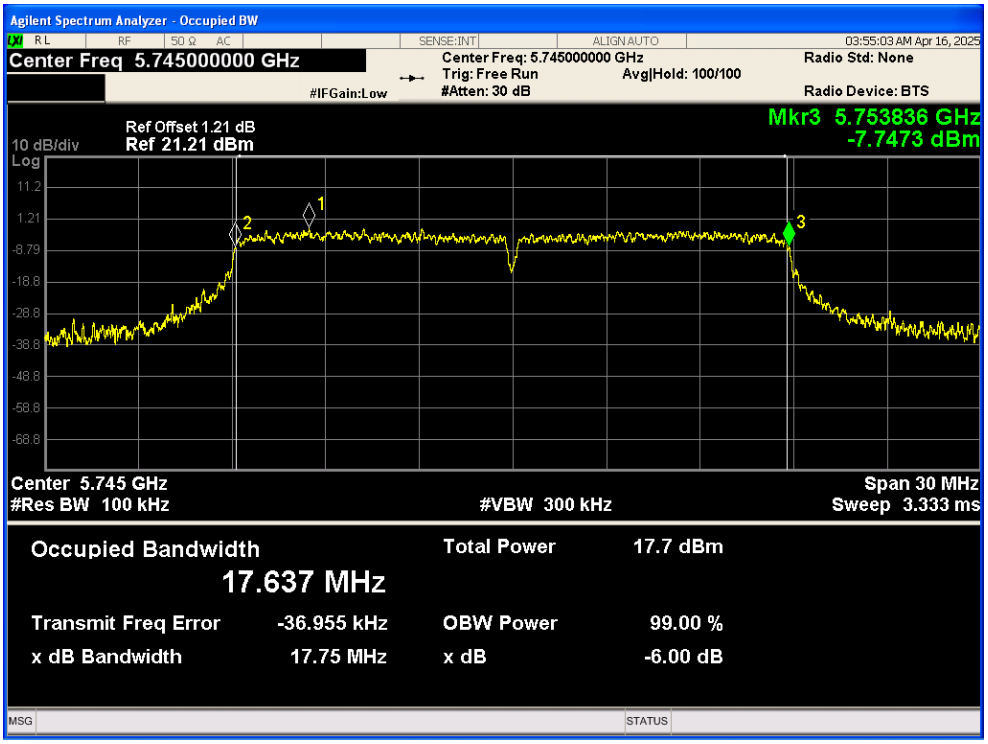
-6dB Bandwidth NVNT a 5785MHz Ant2



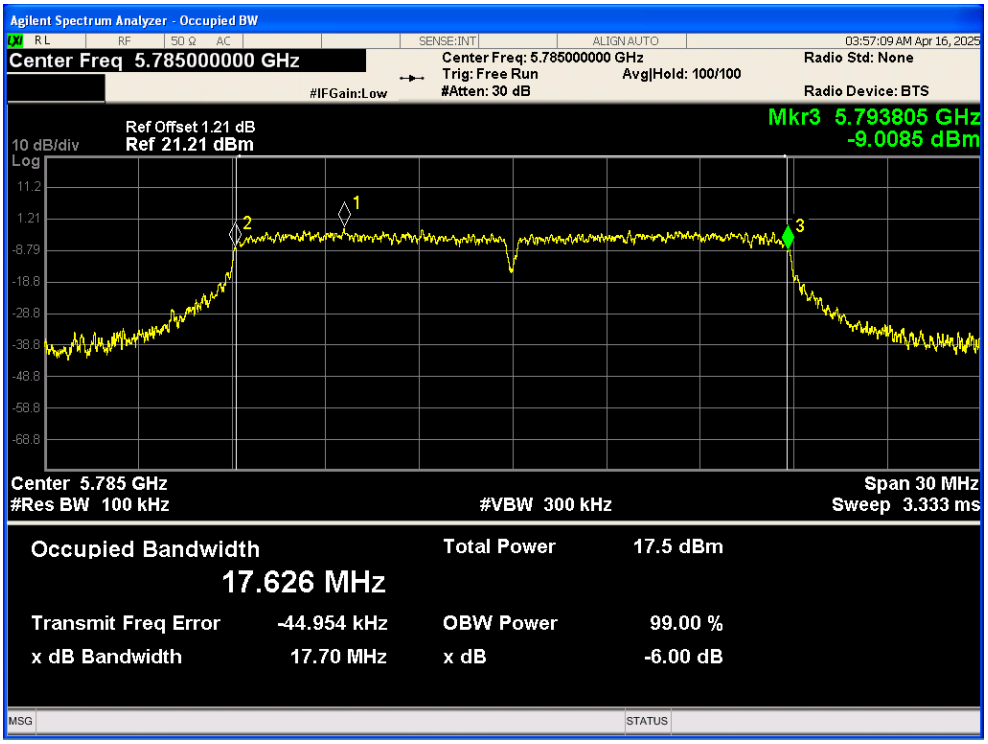
-6dB Bandwidth NVNT a 5825MHz Ant2



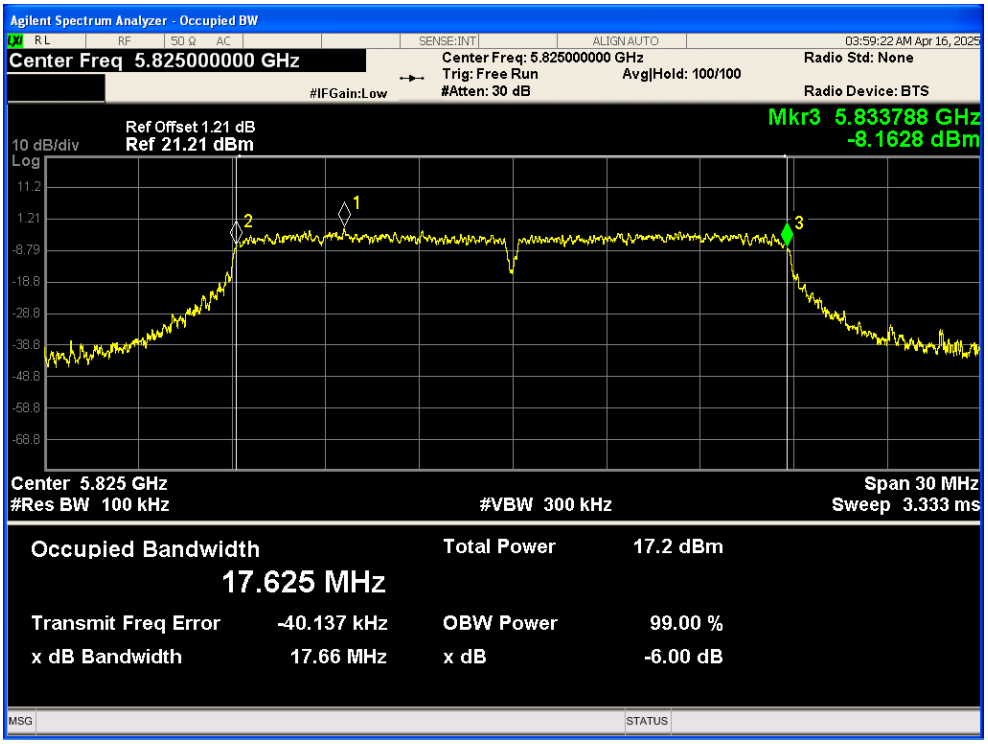
-6dB Bandwidth NVNT ac20 5745MHz Ant1



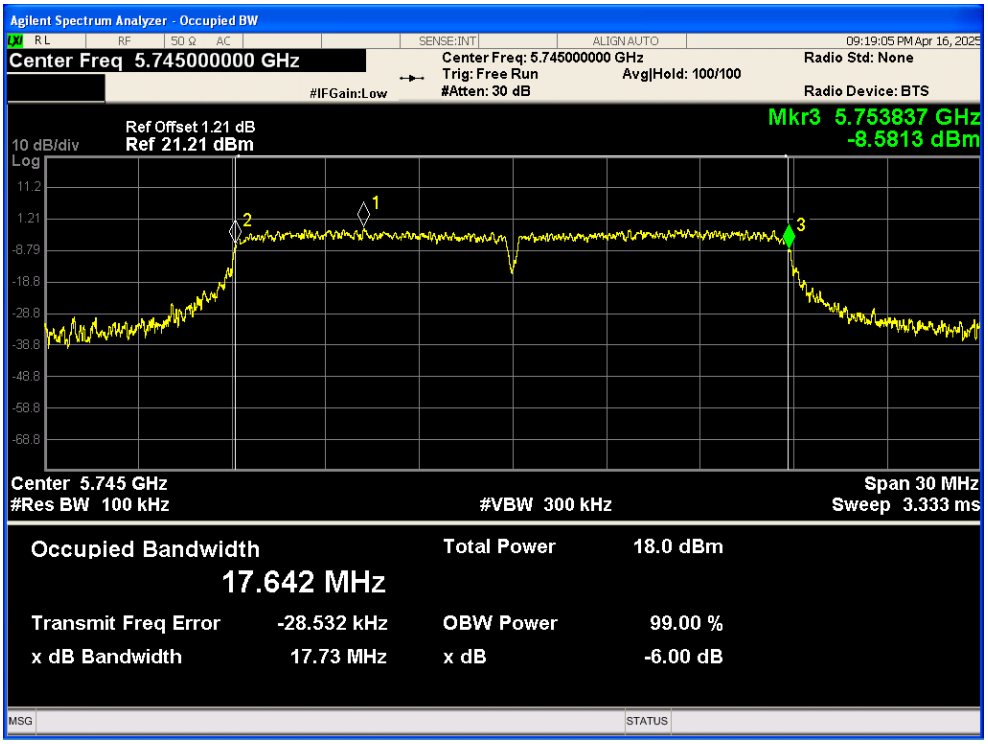
-6dB Bandwidth NVNT ac20 5785MHz Ant1



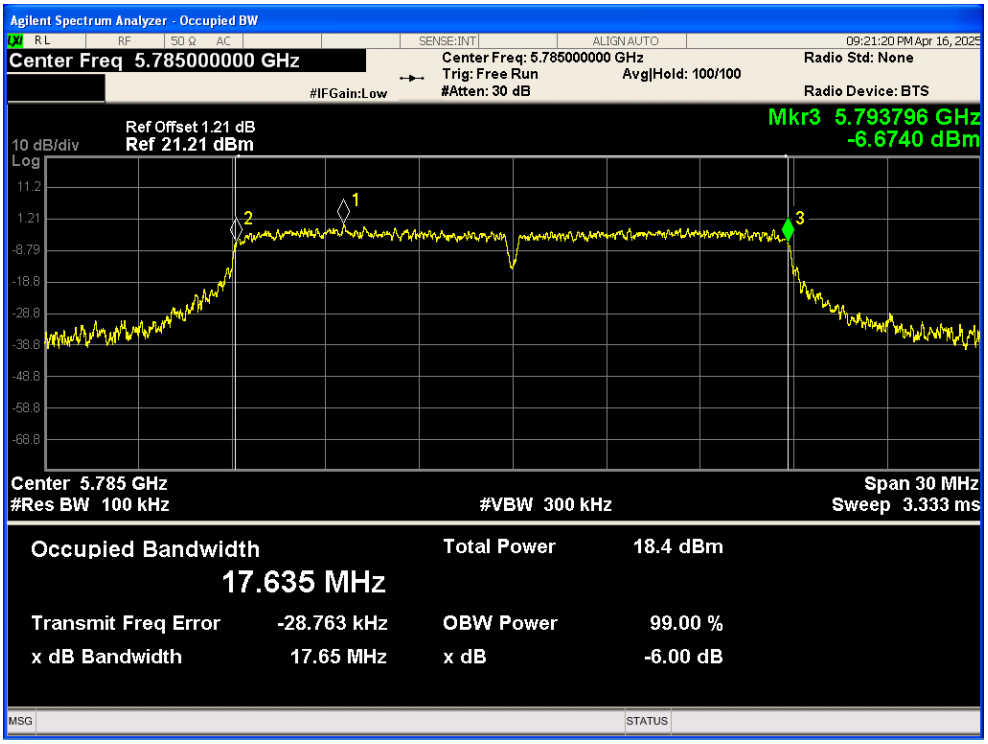
-6dB Bandwidth NVNT ac20 5825MHz Ant1



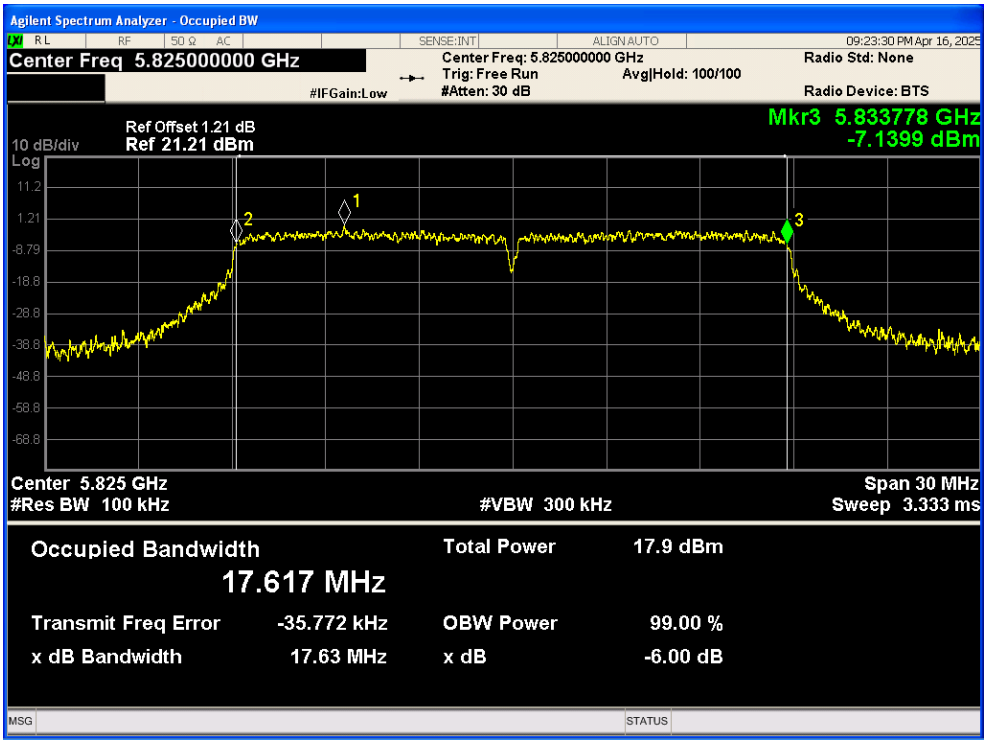
-6dB Bandwidth NVNT ac20 5745MHz Ant2



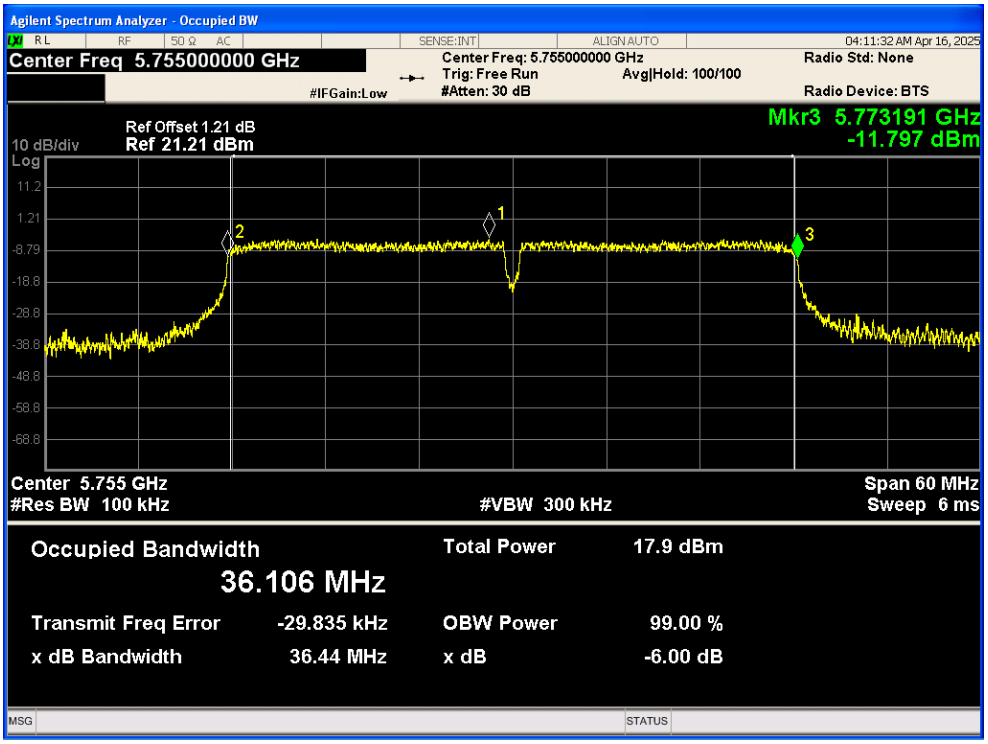
-6dB Bandwidth NVNT ac20 5785MHz Ant2



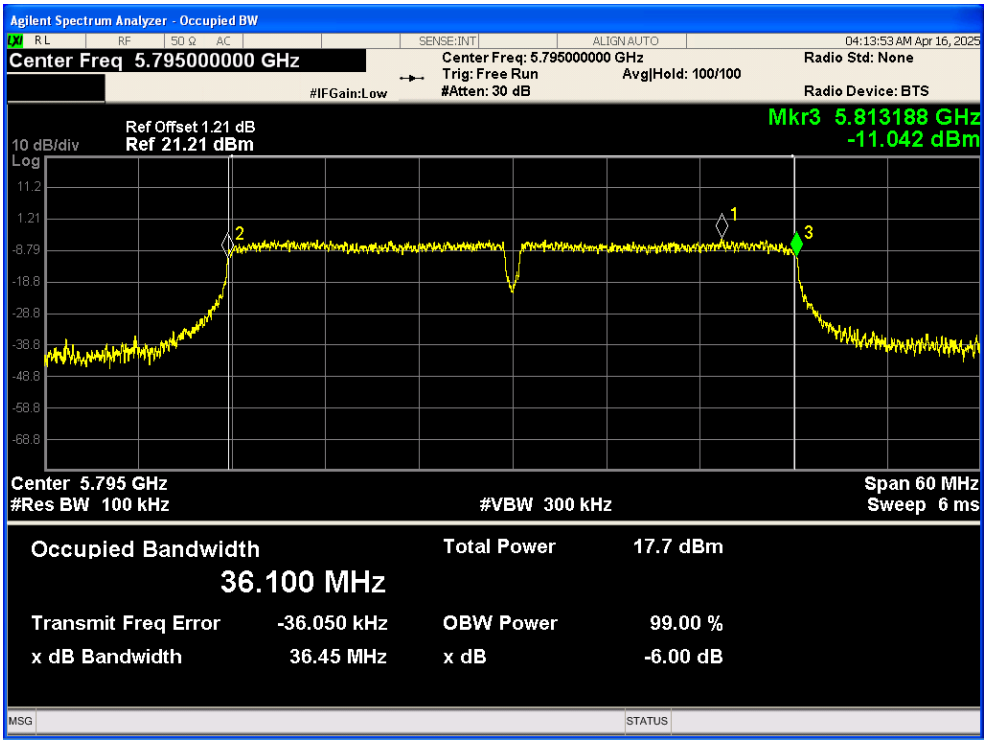
-6dB Bandwidth NVNT ac20 5825MHz Ant2



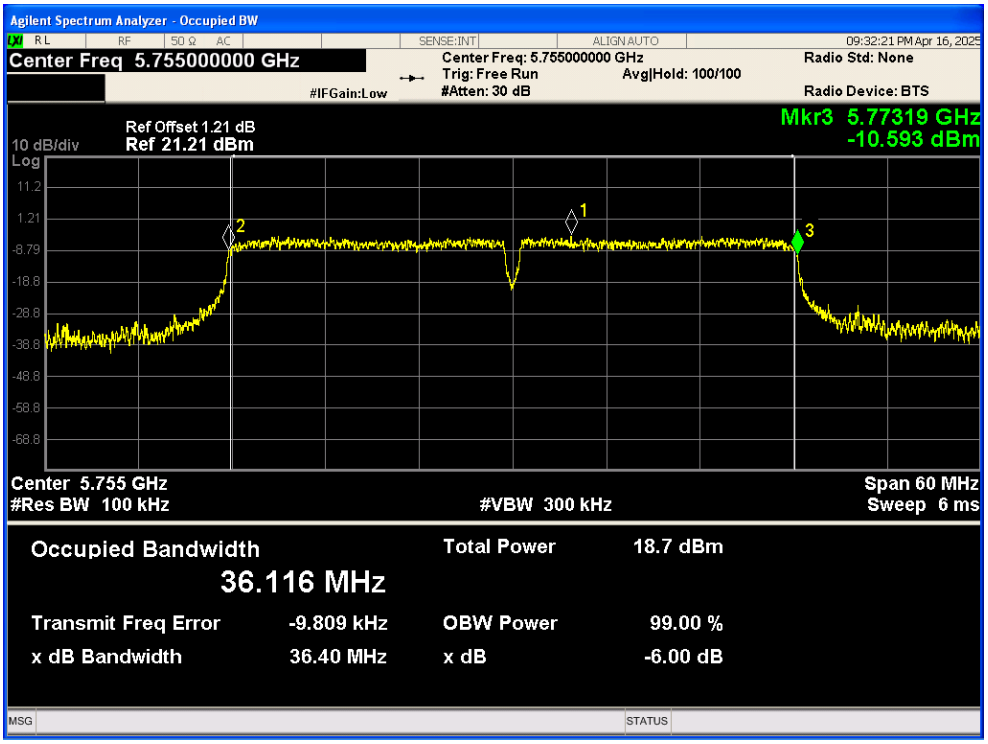
-6dB Bandwidth NVNT ac40 5755MHz Ant1



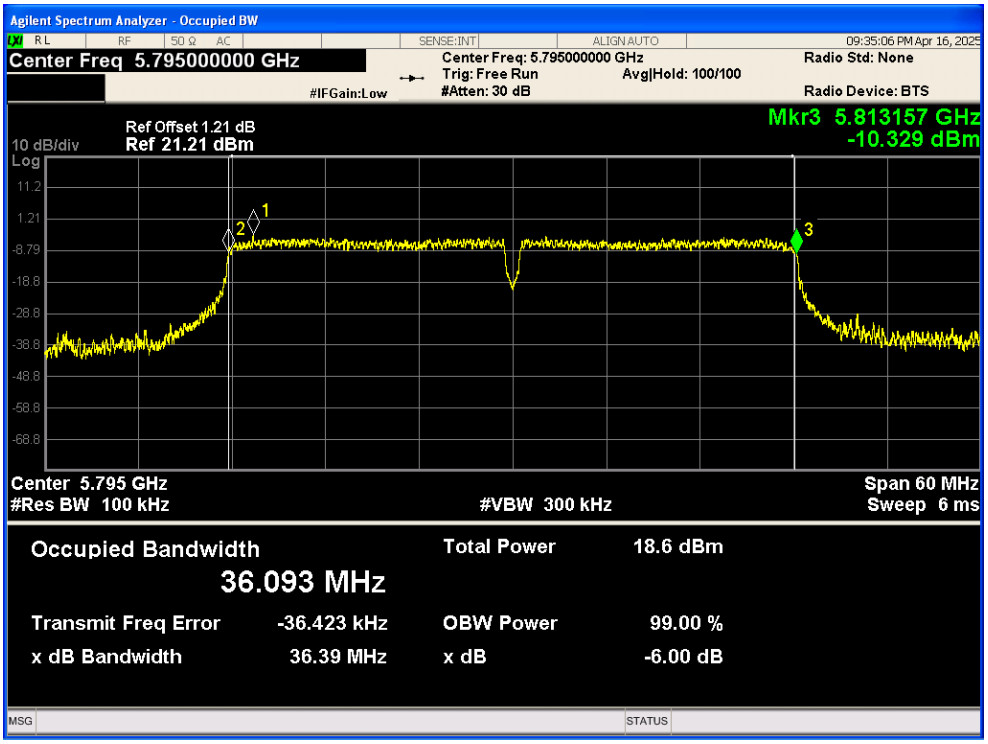
-6dB Bandwidth NVNT ac40 5795MHz Ant1



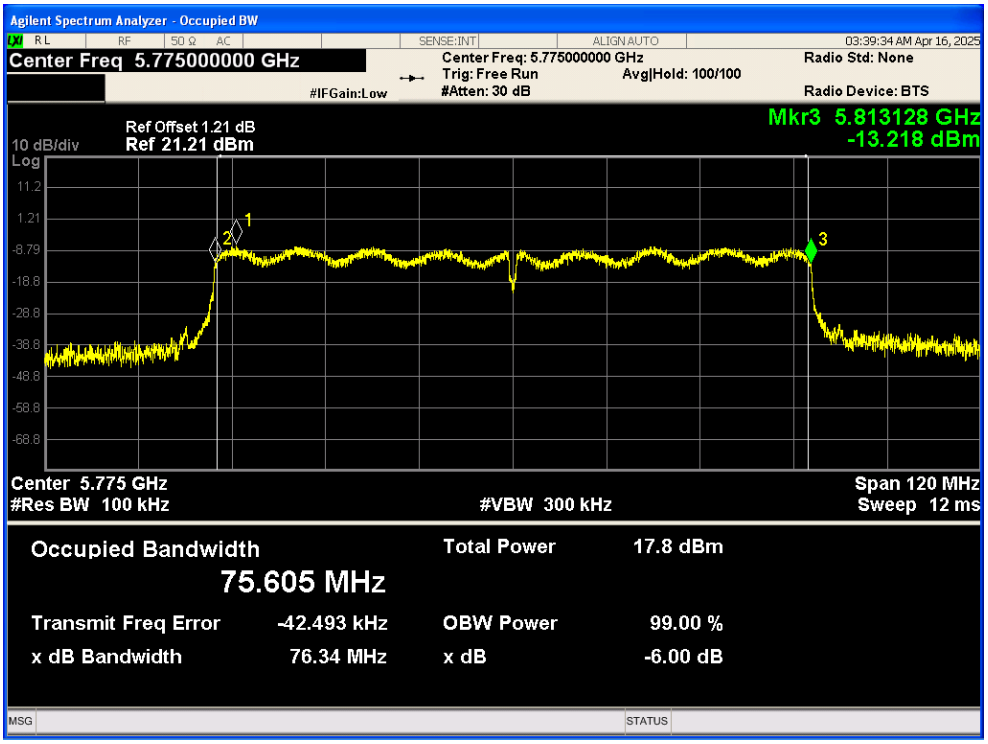
-6dB Bandwidth NVNT ac40 5755MHz Ant2



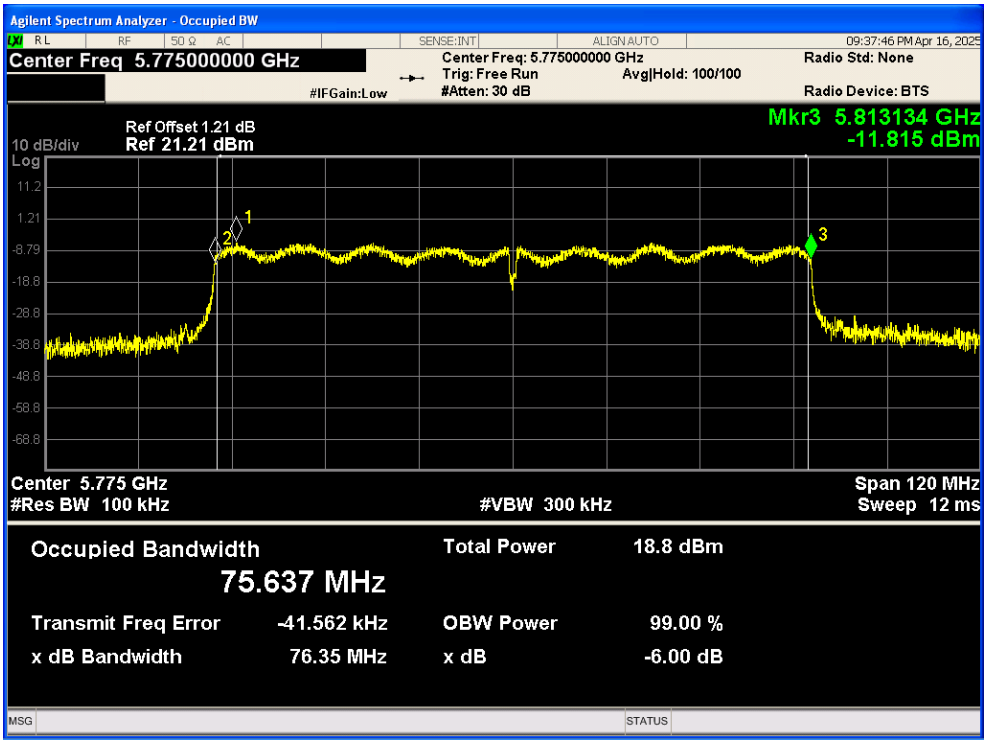
-6dB Bandwidth NVNT ac40 5795MHz Ant2



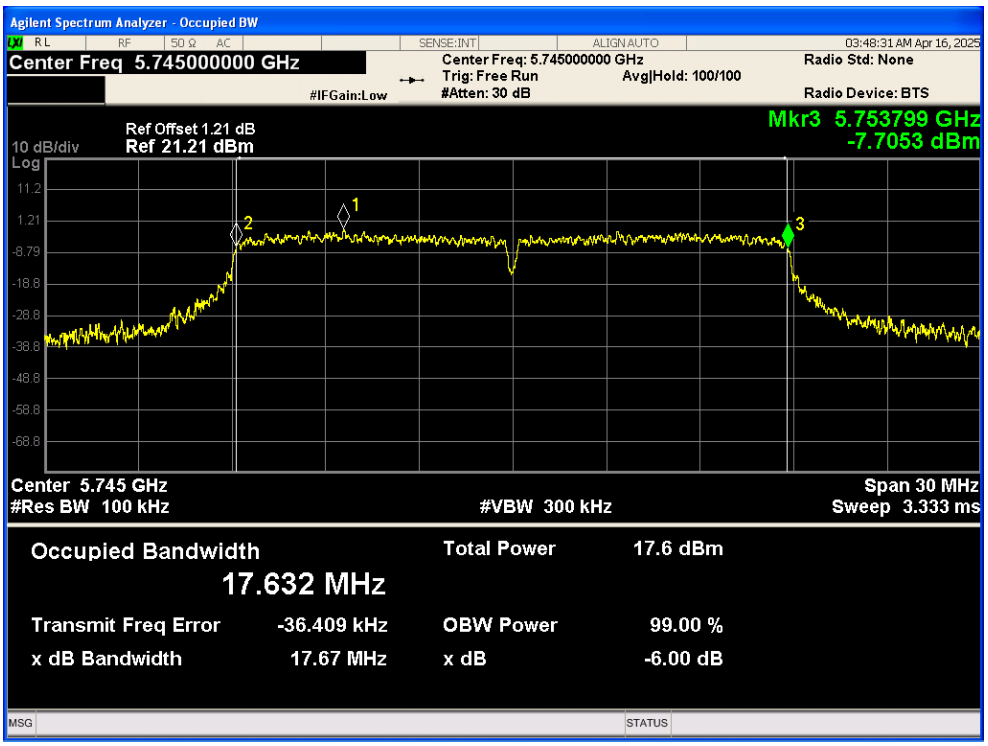
-6dB Bandwidth NVNT ac80 5775MHz Ant1



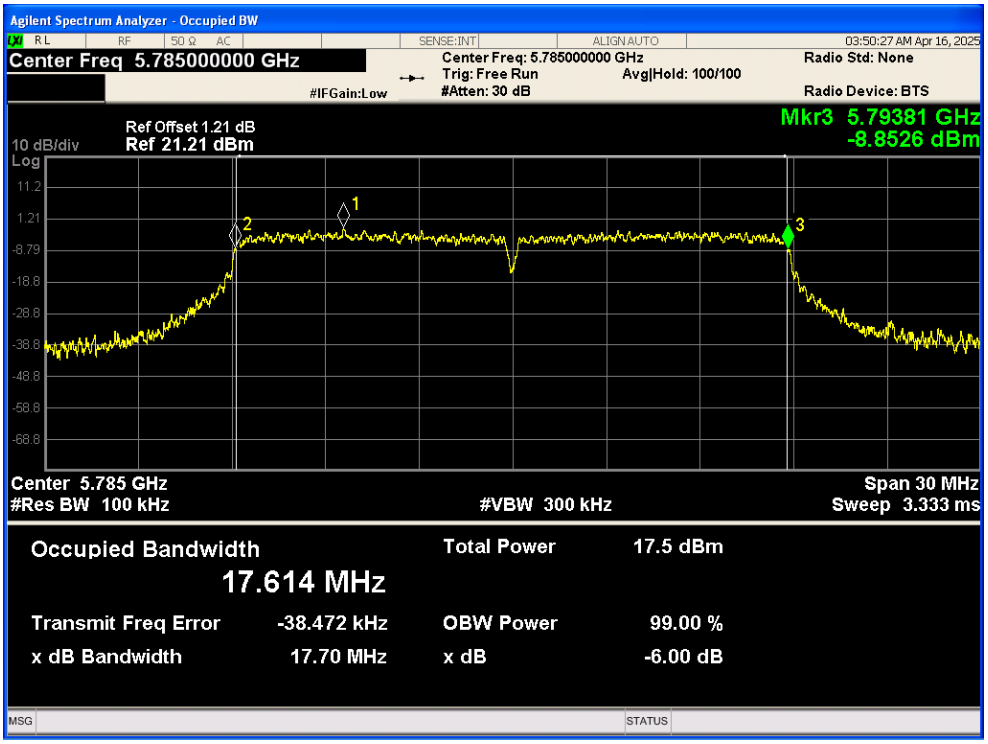
-6dB Bandwidth NVNT ac80 5775MHz Ant2



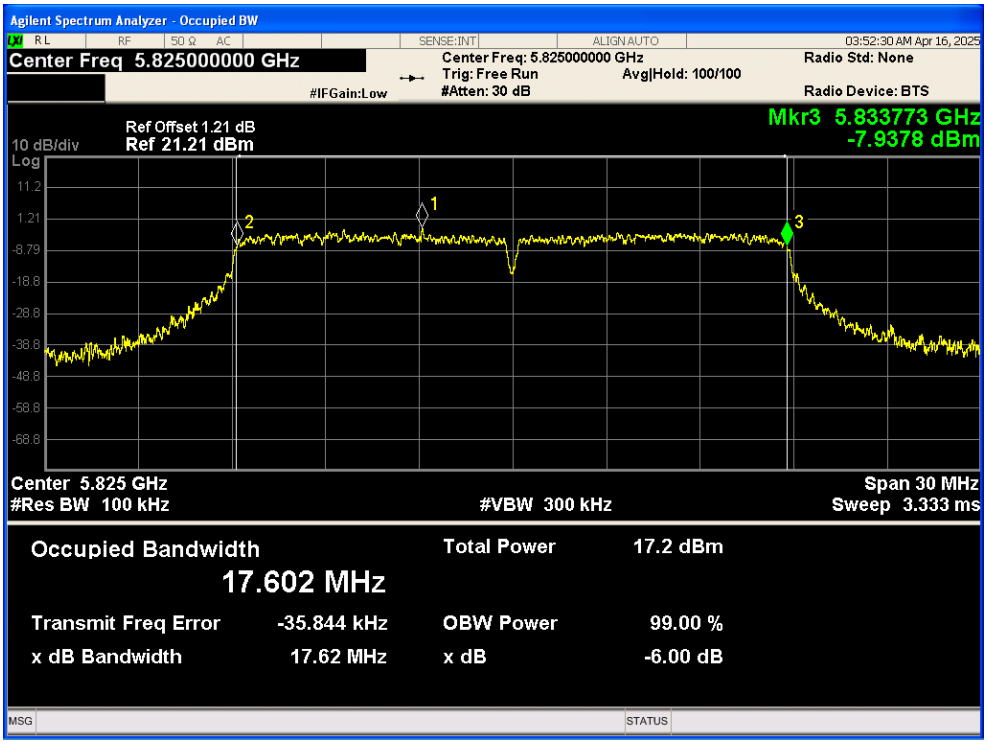
-6dB Bandwidth NVNT n20 5745MHz Ant1



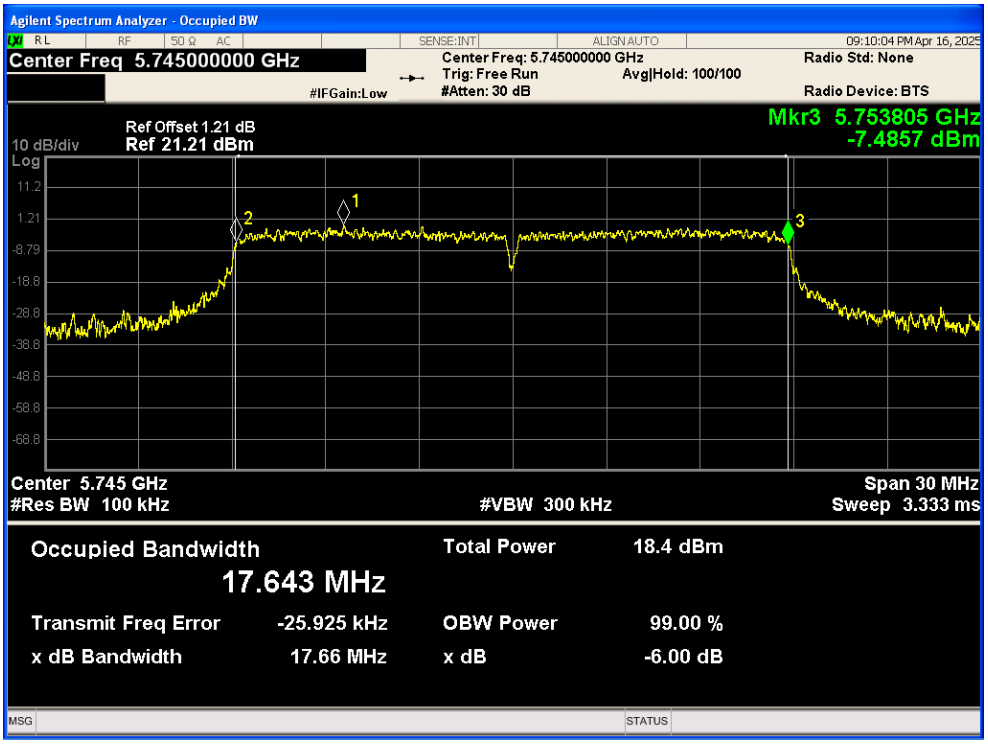
-6dB Bandwidth NVNT n20 5785MHz Ant1



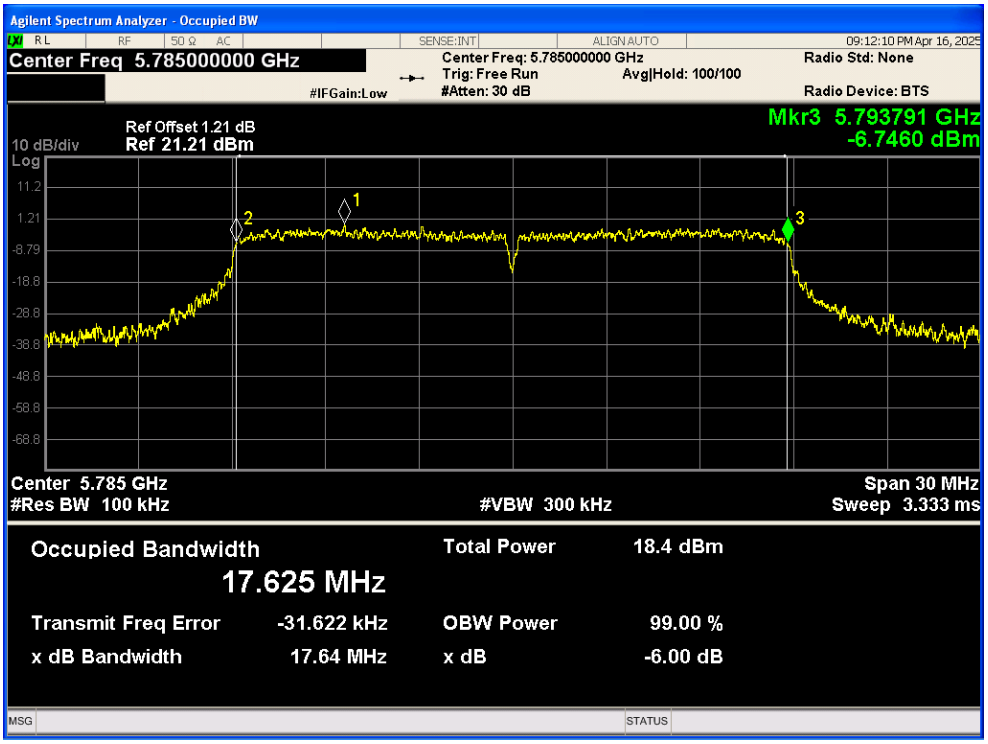
-6dB Bandwidth NVNT n20 5825MHz Ant1



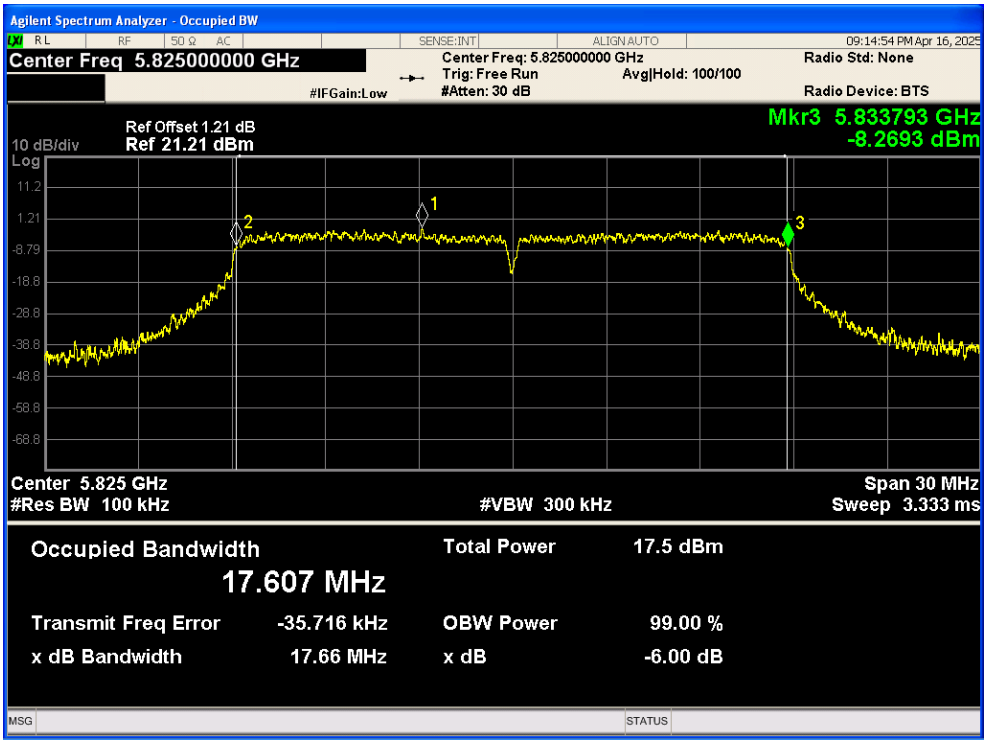
-6dB Bandwidth NVNT n20 5745MHz Ant2



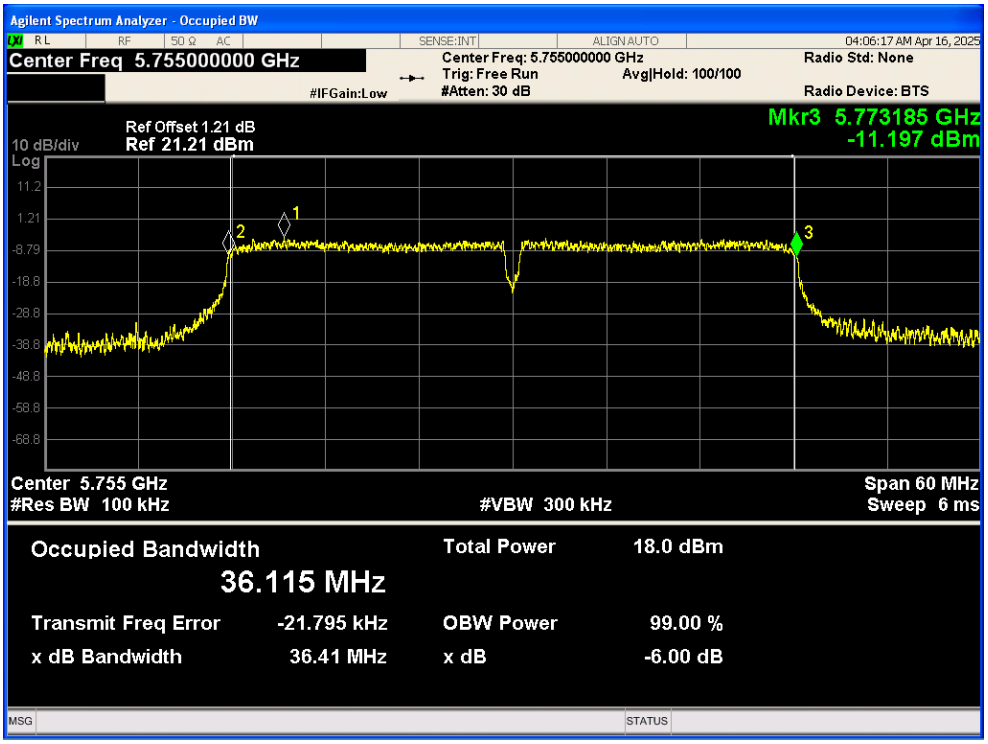
-6dB Bandwidth NVNT n20 5785MHz Ant2



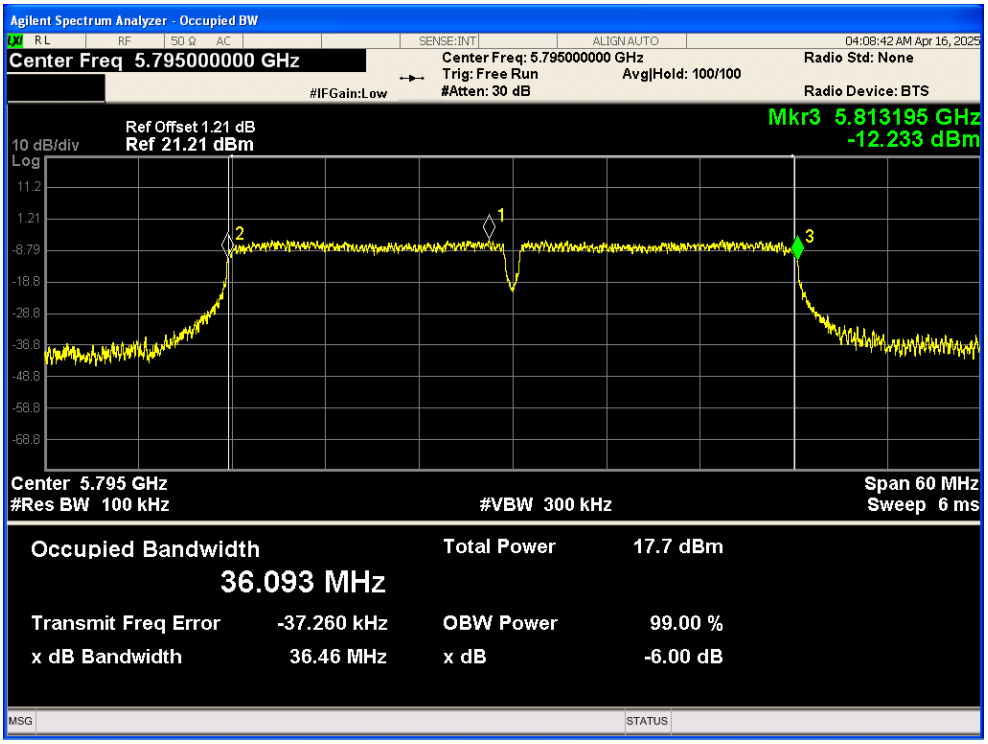
-6dB Bandwidth NVNT n20 5825MHz Ant2



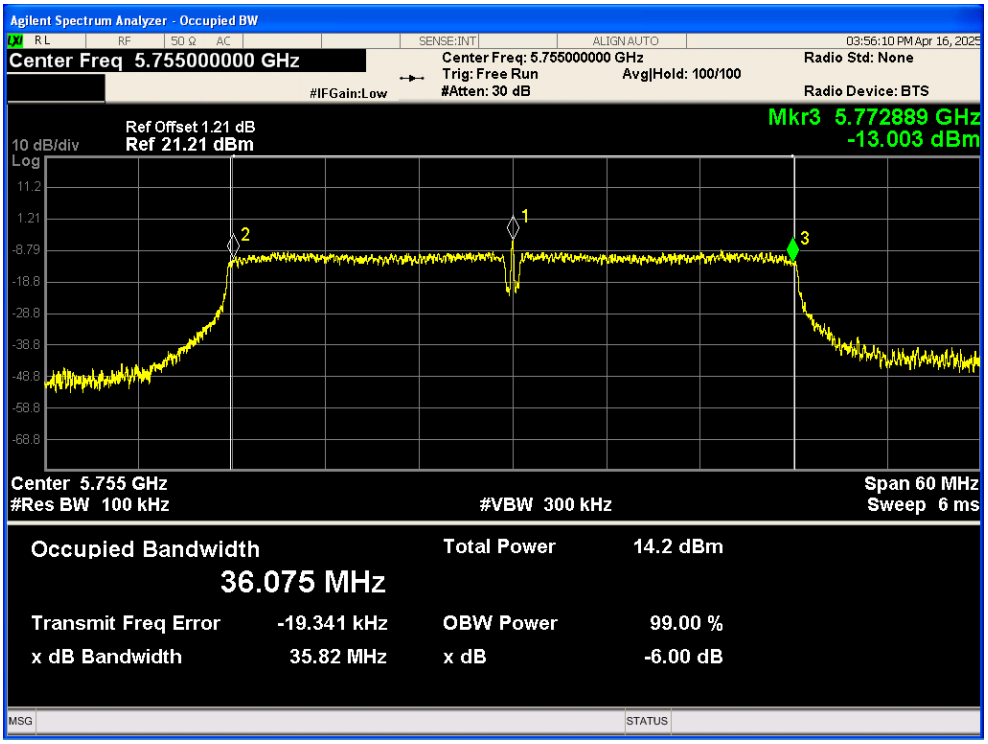
-6dB Bandwidth NVNT n40 5755MHz Ant1



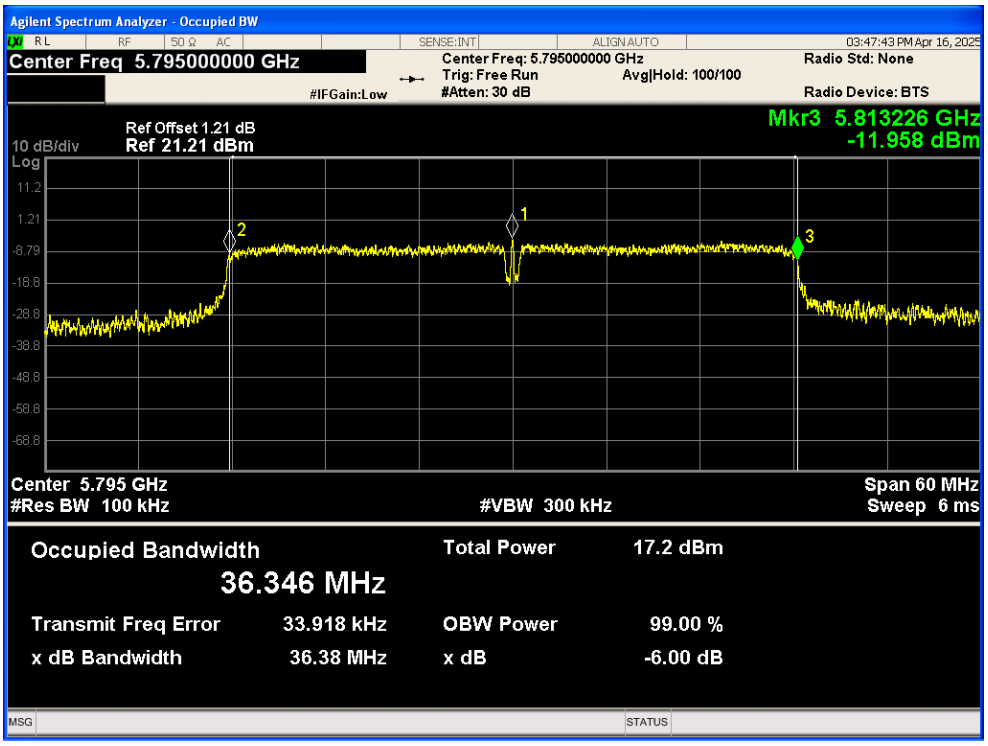
-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2

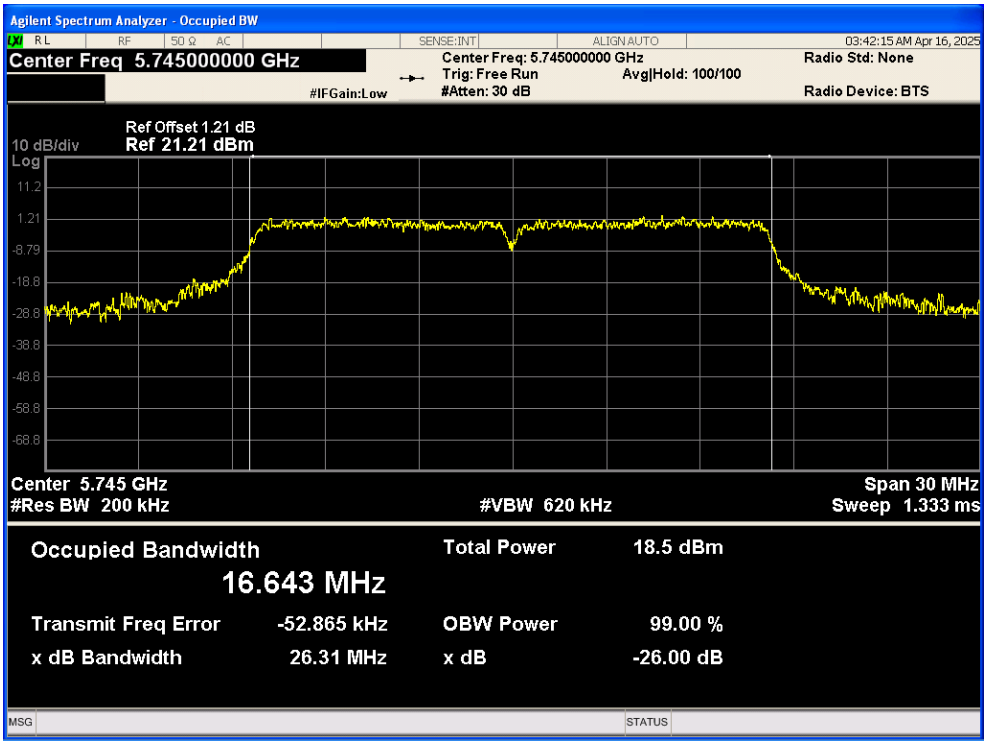


Occupied Channel Bandwidth

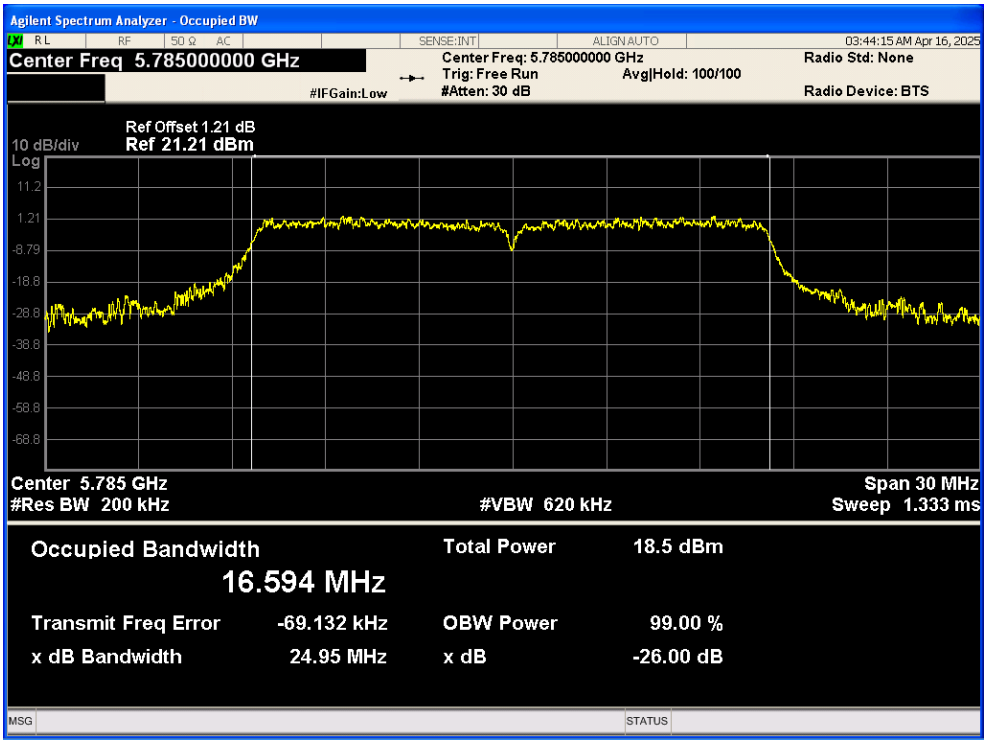
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.643
NVNT	a	5785	Ant1	16.594
NVNT	a	5825	Ant1	16.599
NVNT	a	5745	Ant2	16.63
NVNT	a	5785	Ant2	16.564
NVNT	a	5825	Ant2	16.552
NVNT	ac20	5745	Ant1	17.716
NVNT	ac20	5785	Ant1	17.715
NVNT	ac20	5825	Ant1	17.706
NVNT	ac20	5745	Ant2	17.731
NVNT	ac20	5785	Ant2	17.716
NVNT	ac20	5825	Ant2	17.68
NVNT	ac40	5755	Ant1	36.225
NVNT	ac40	5795	Ant1	36.196
NVNT	ac40	5755	Ant2	36.236
NVNT	ac40	5795	Ant2	36.224
NVNT	ac80	5775	Ant1	75.753
NVNT	ac80	5775	Ant2	75.781
NVNT	n20	5745	Ant1	17.71
NVNT	n20	5785	Ant1	17.684
NVNT	n20	5825	Ant1	17.673

NVNT	n20	5745	Ant2	17.736
NVNT	n20	5785	Ant2	17.705
NVNT	n20	5825	Ant2	17.667
NVNT	n40	5755	Ant1	36.258
NVNT	n40	5795	Ant1	36.234
NVNT	n40	5755	Ant2	36.19
NVNT	n40	5795	Ant2	36.685

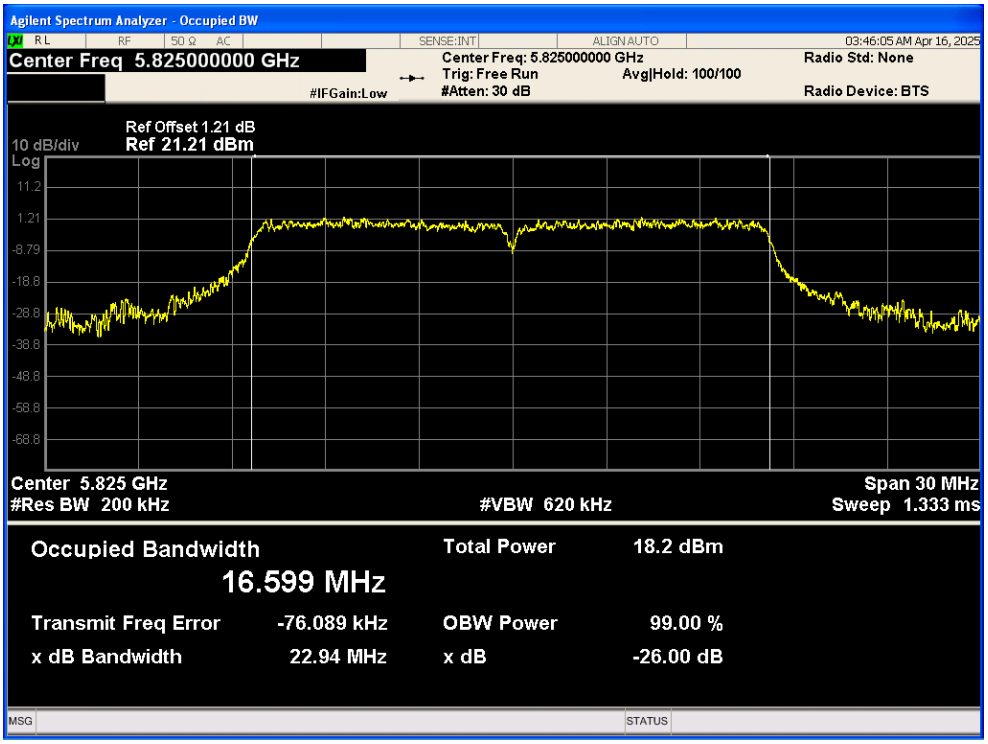
OBW NVNT a 5745MHz Ant1



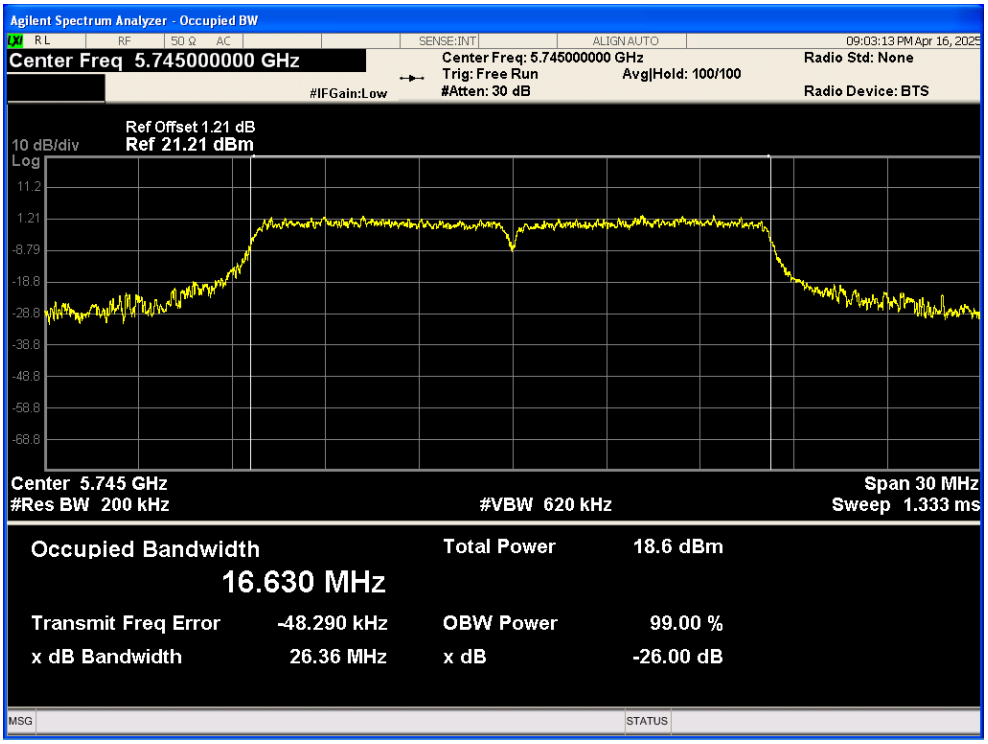
OBW NVNT a 5785MHz Ant1



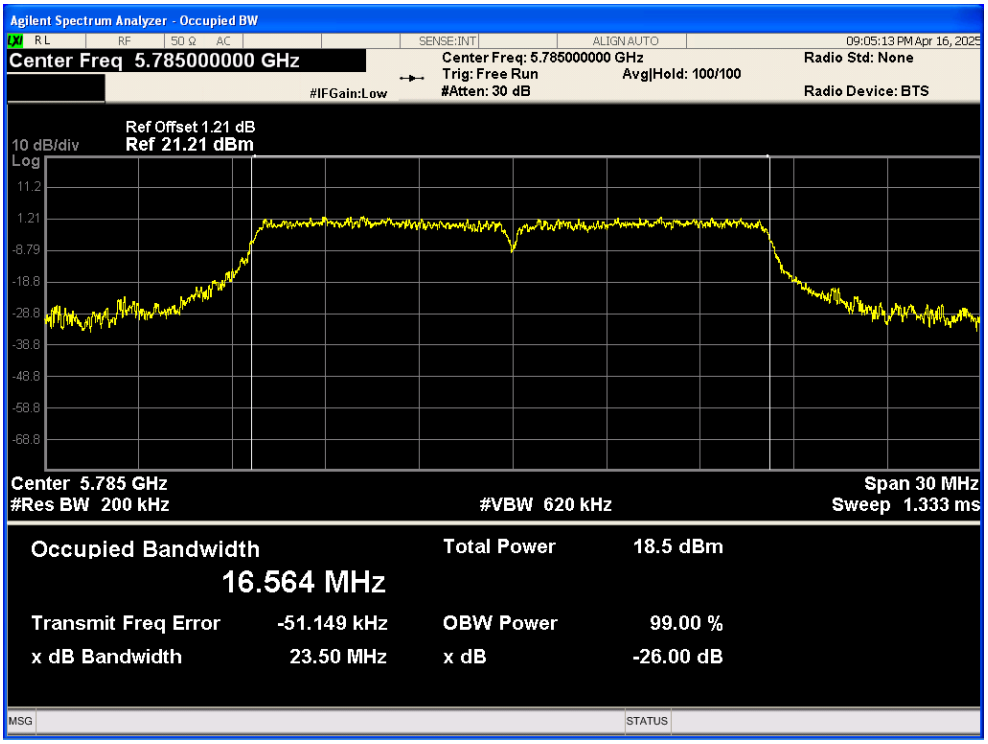
OBW NVNT a 5825MHz Ant1



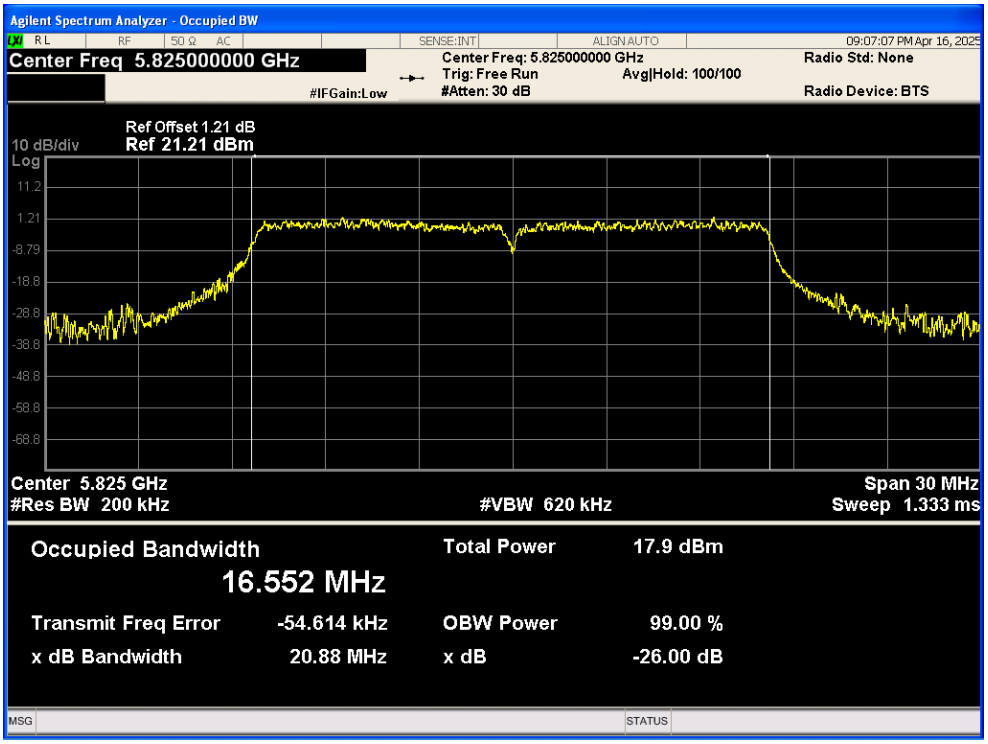
OBW NVNT a 5745MHz Ant2



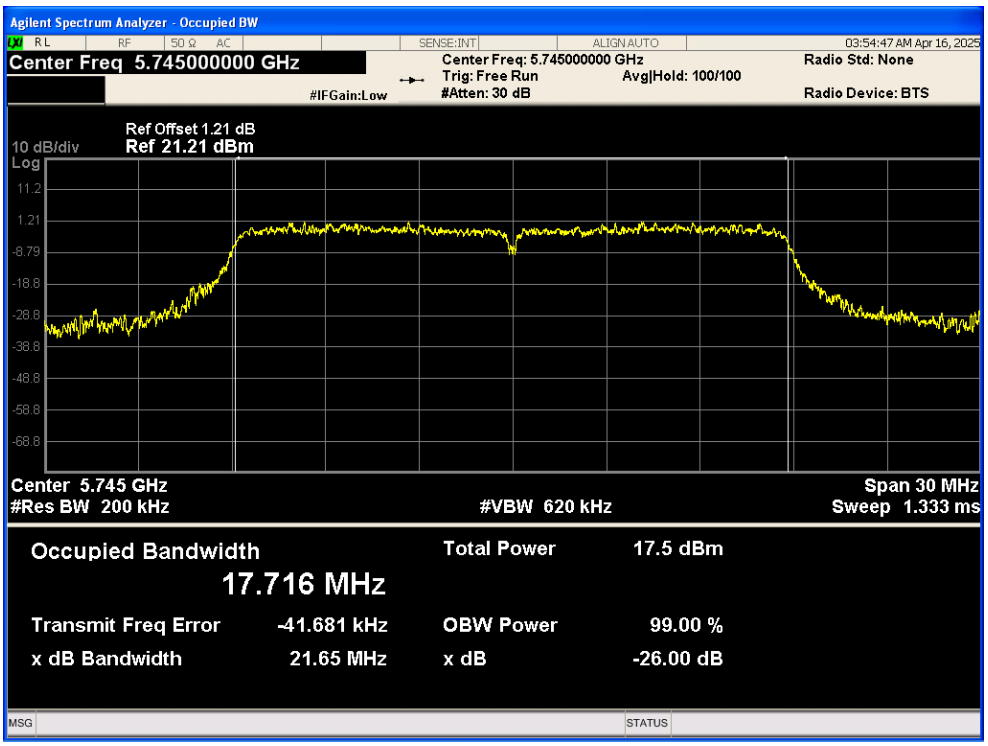
OBW NVNT a 5785MHz Ant2



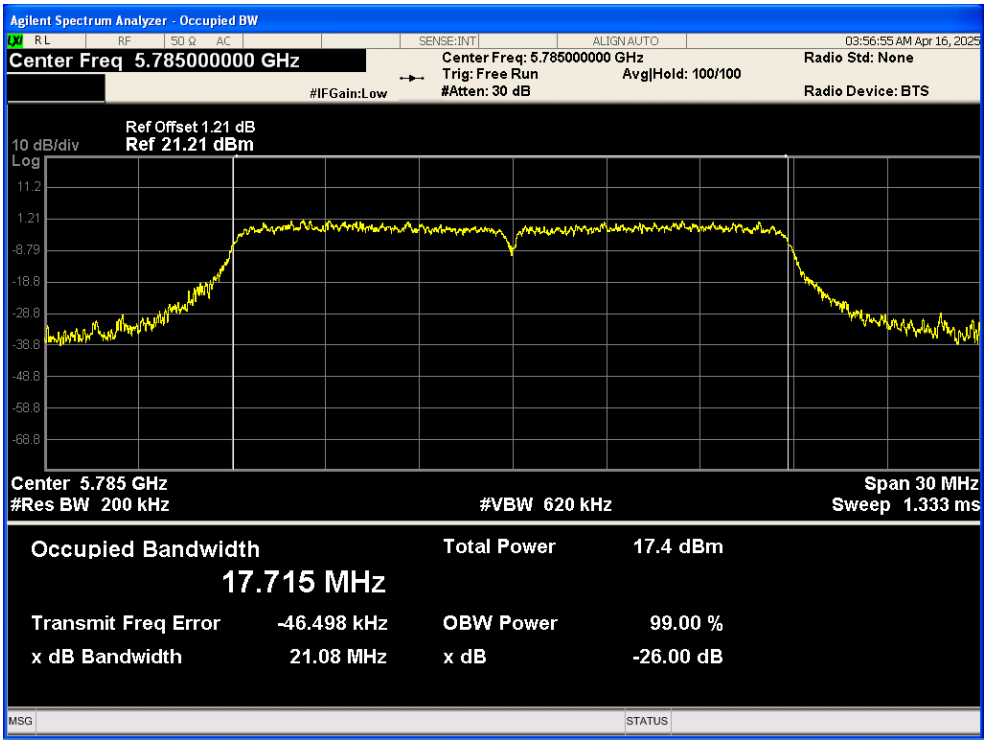
OBW NVNT a 5825MHz Ant2



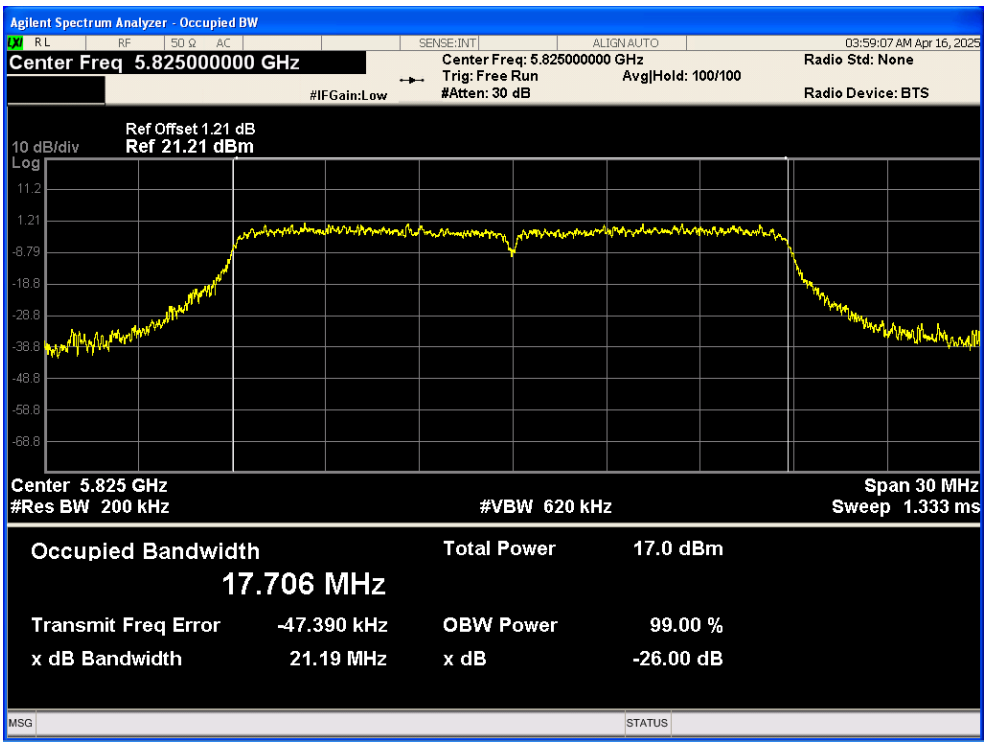
OBW NVNT ac20 5745MHz Ant1



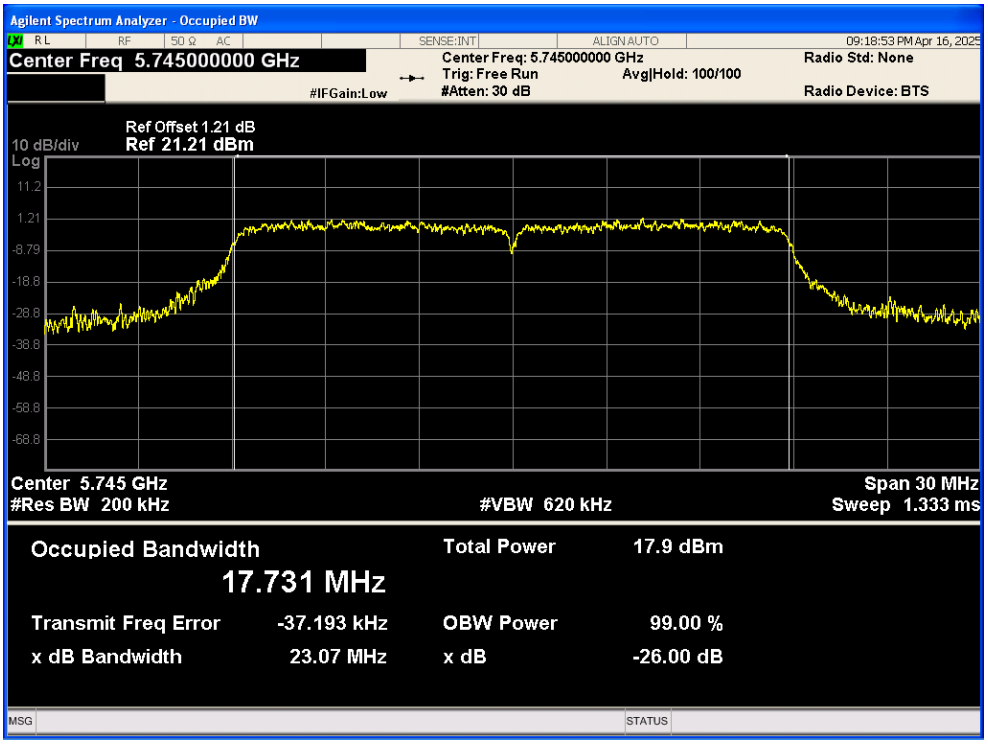
OBW NVNT ac20 5785MHz Ant1



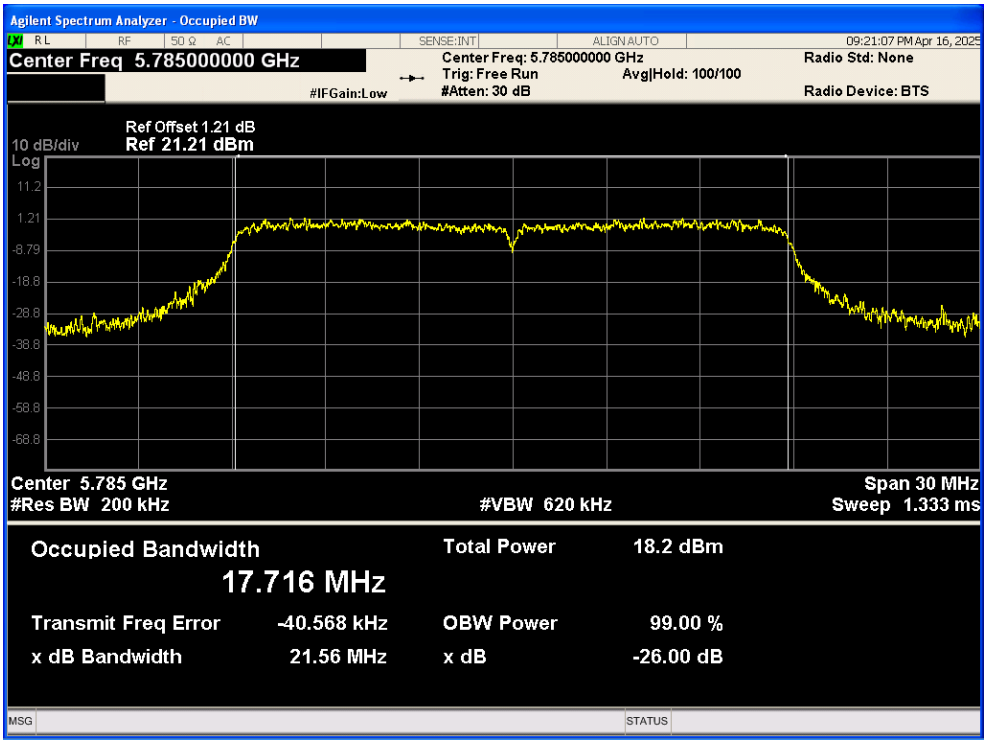
OBW NVNT ac20 5825MHz Ant1



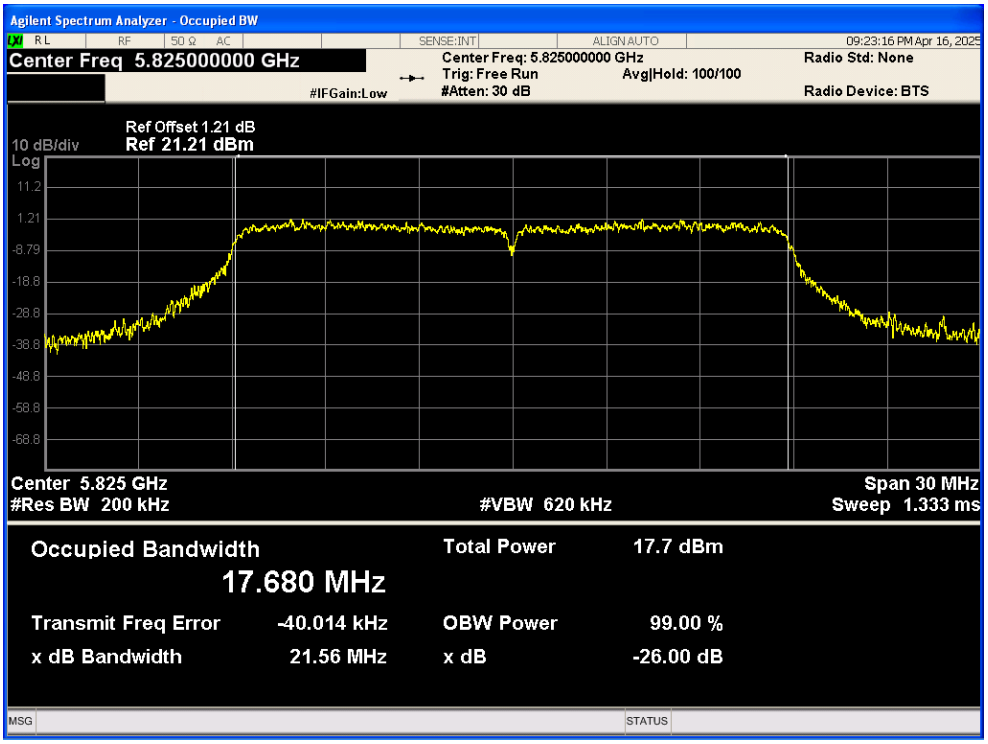
OBW NVNT ac20 5745MHz Ant2



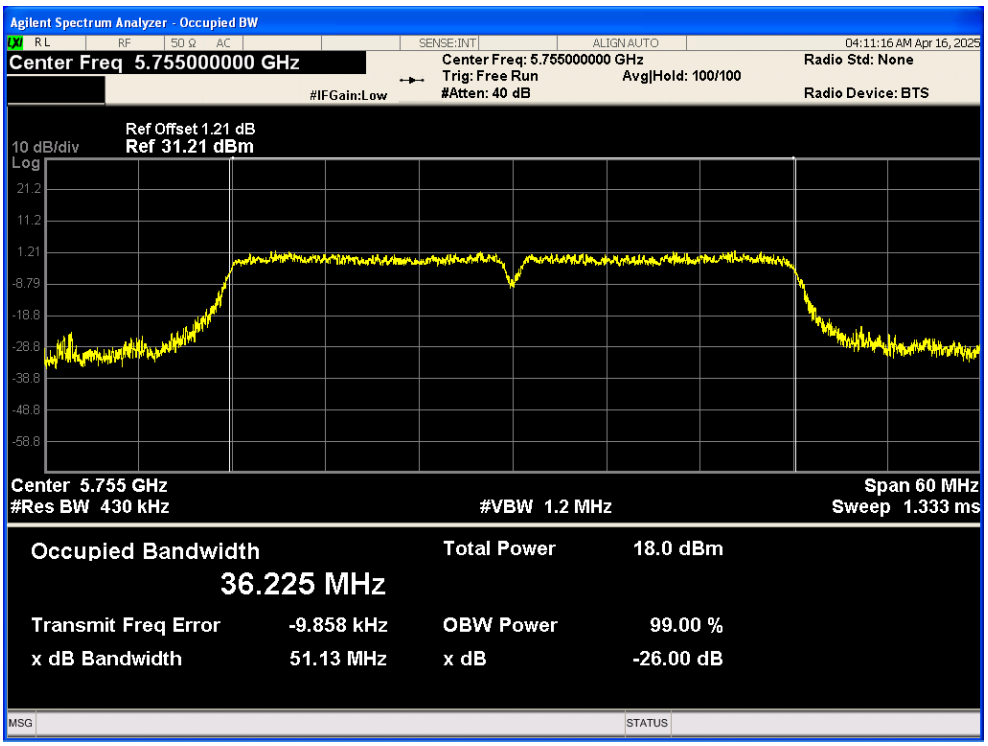
OBW NVNT ac20 5785MHz Ant2



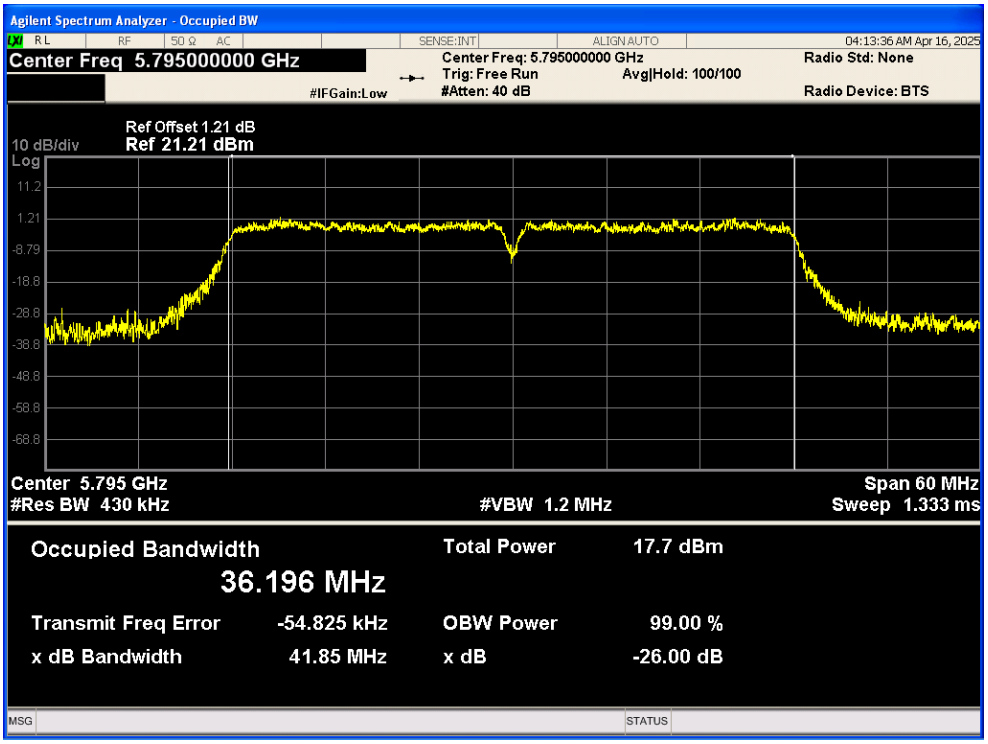
OBW NVNT ac20 5825MHz Ant2



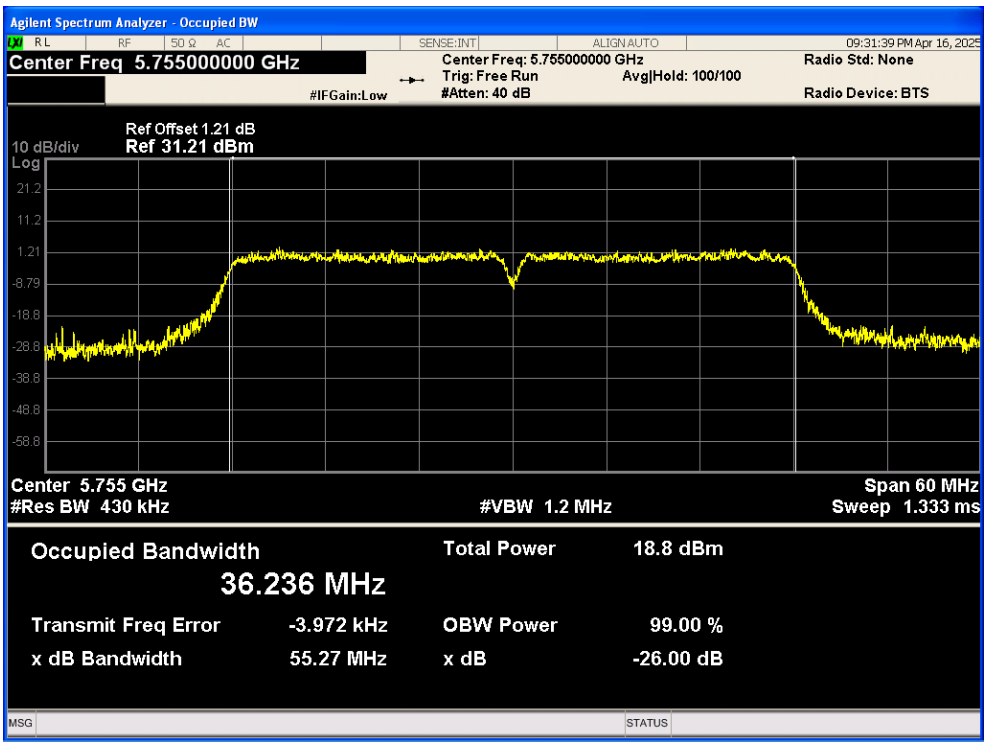
OBW NVNT ac40 5755MHz Ant1



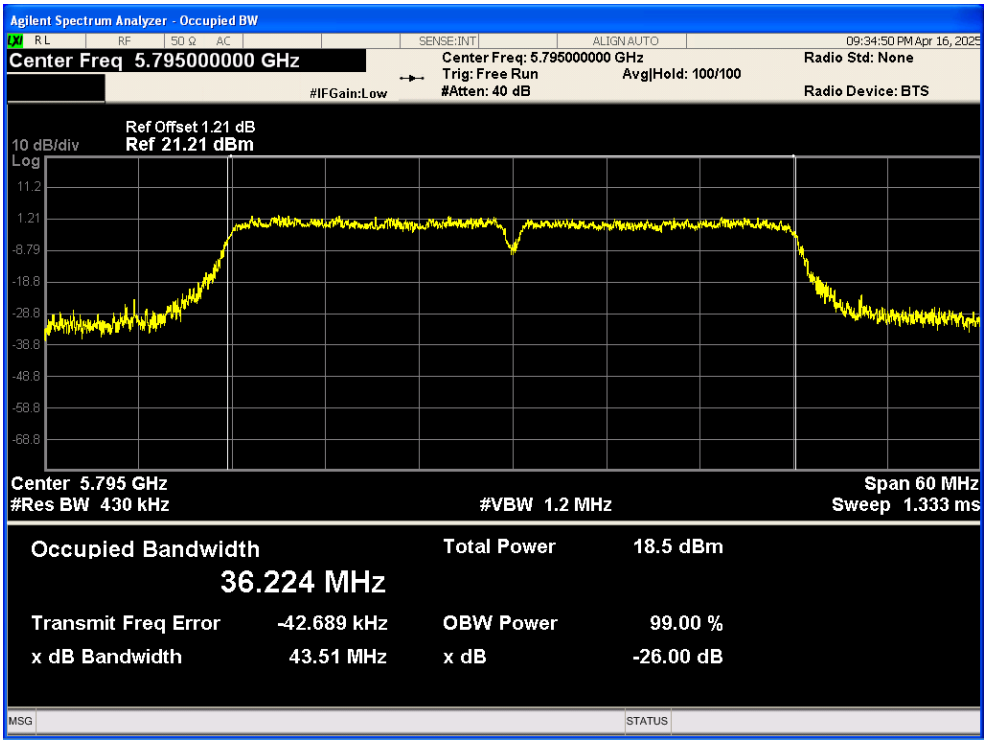
OBW NVNT ac40 5795MHz Ant1



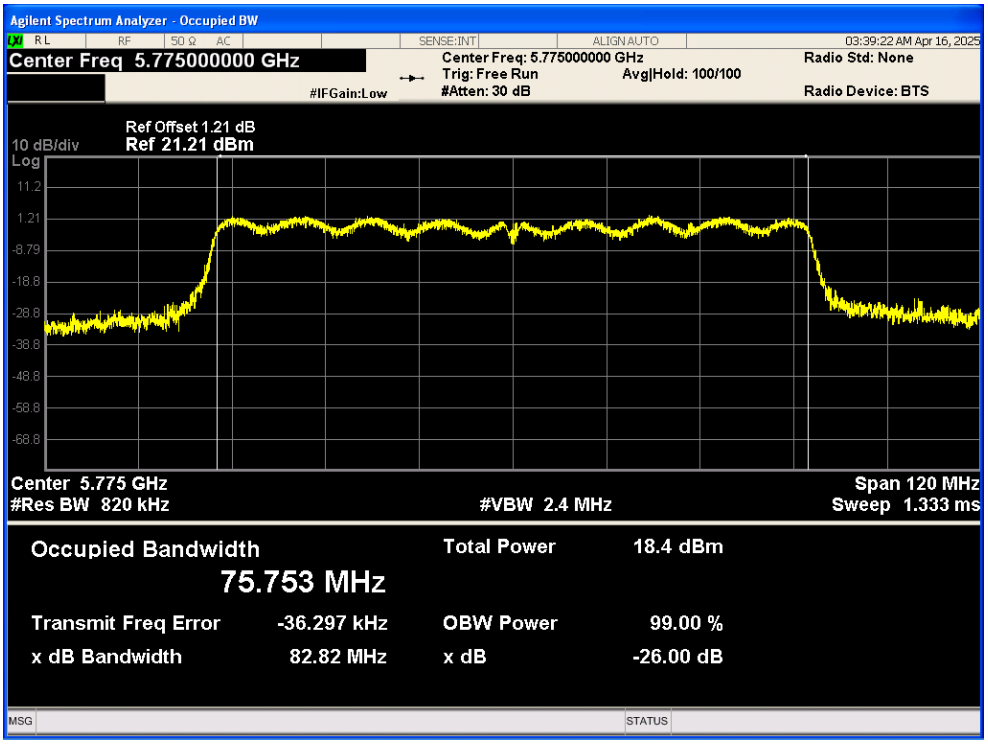
OBW NVNT ac40 5755MHz Ant2



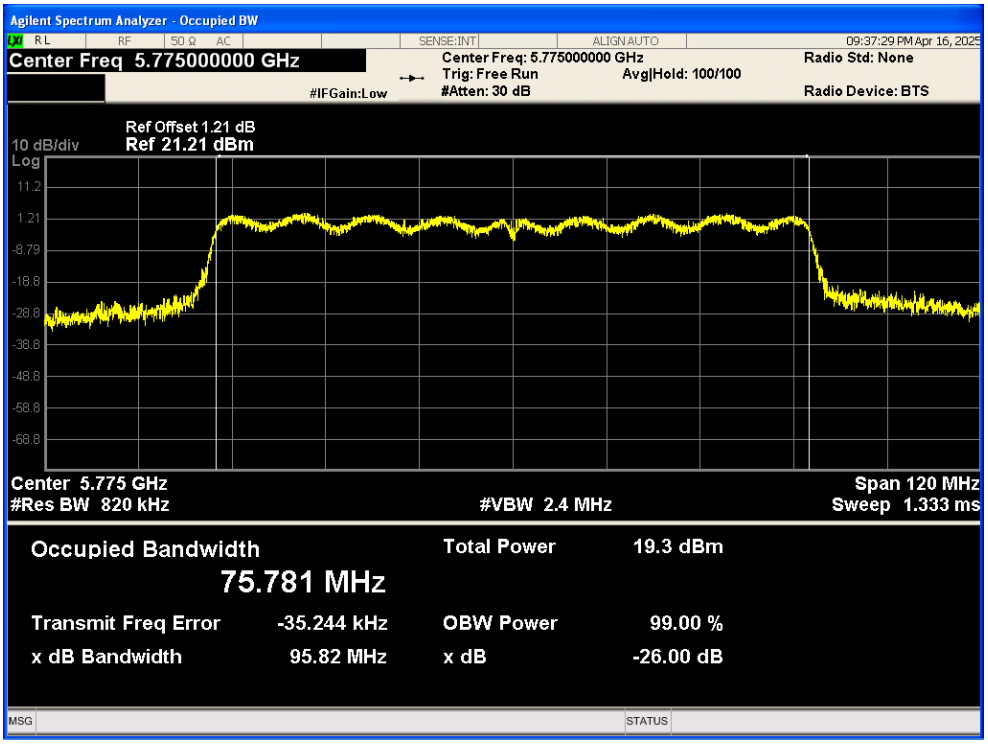
OBW NVNT ac40 5795MHz Ant2



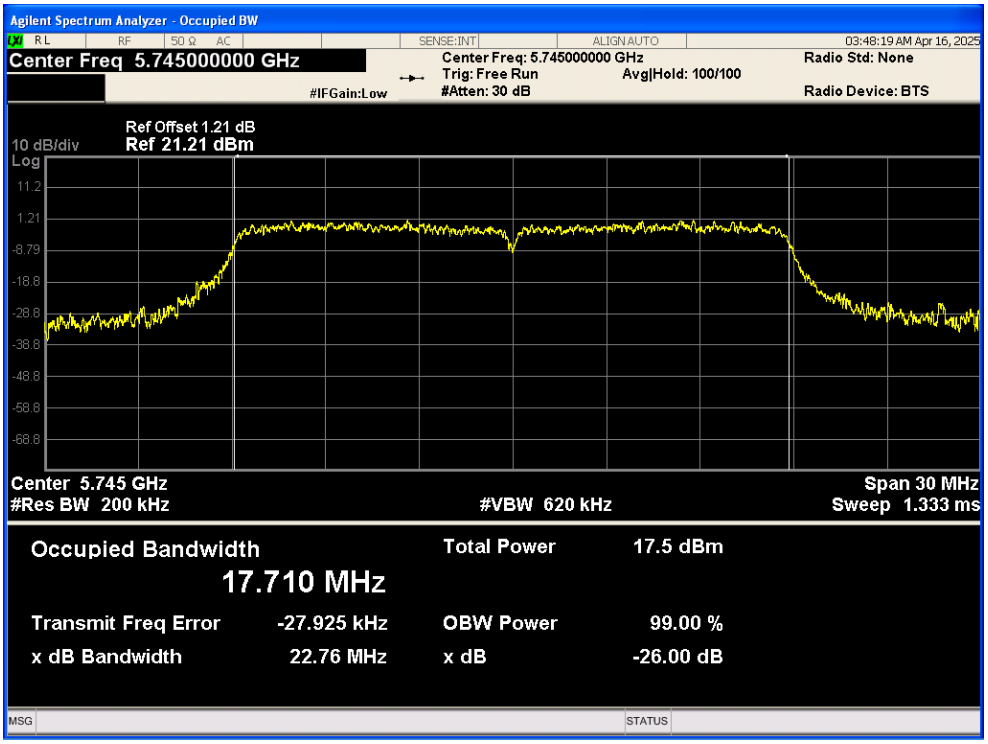
OBW NVNT ac80 5775MHz Ant1



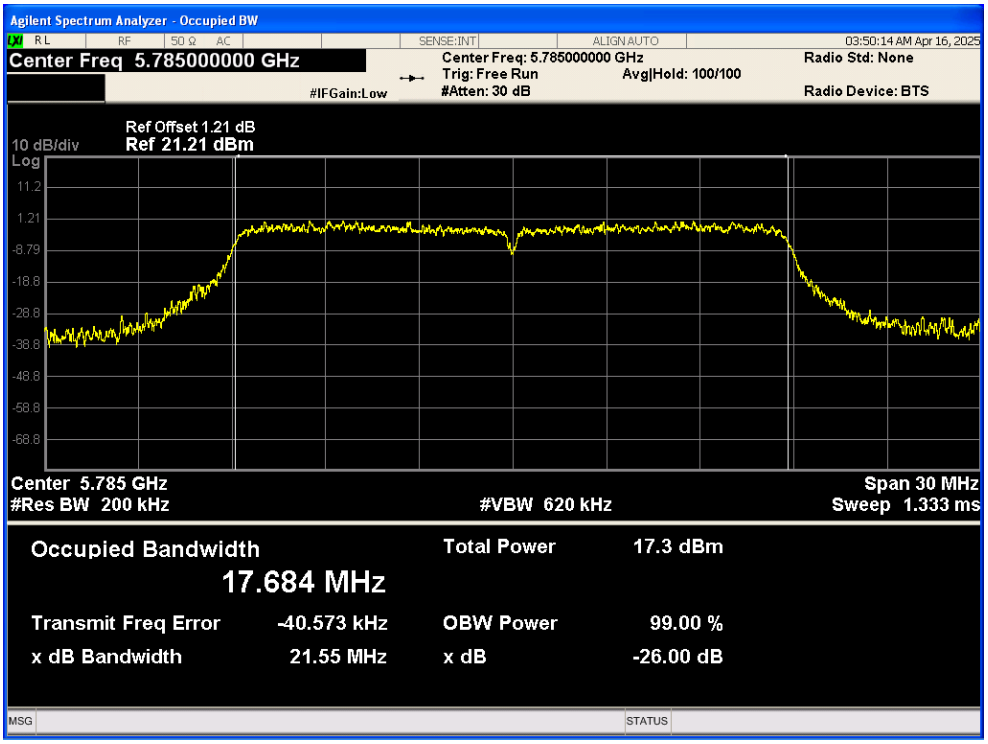
OBW NVNT ac80 5775MHz Ant2



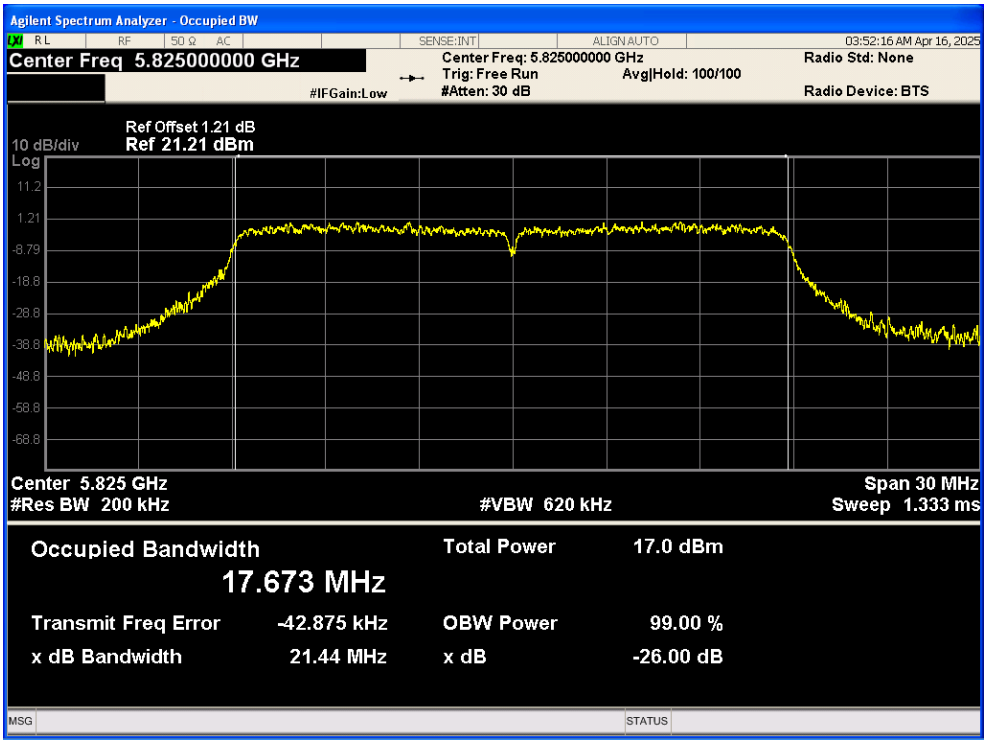
OBW NVNT n20 5745MHz Ant1



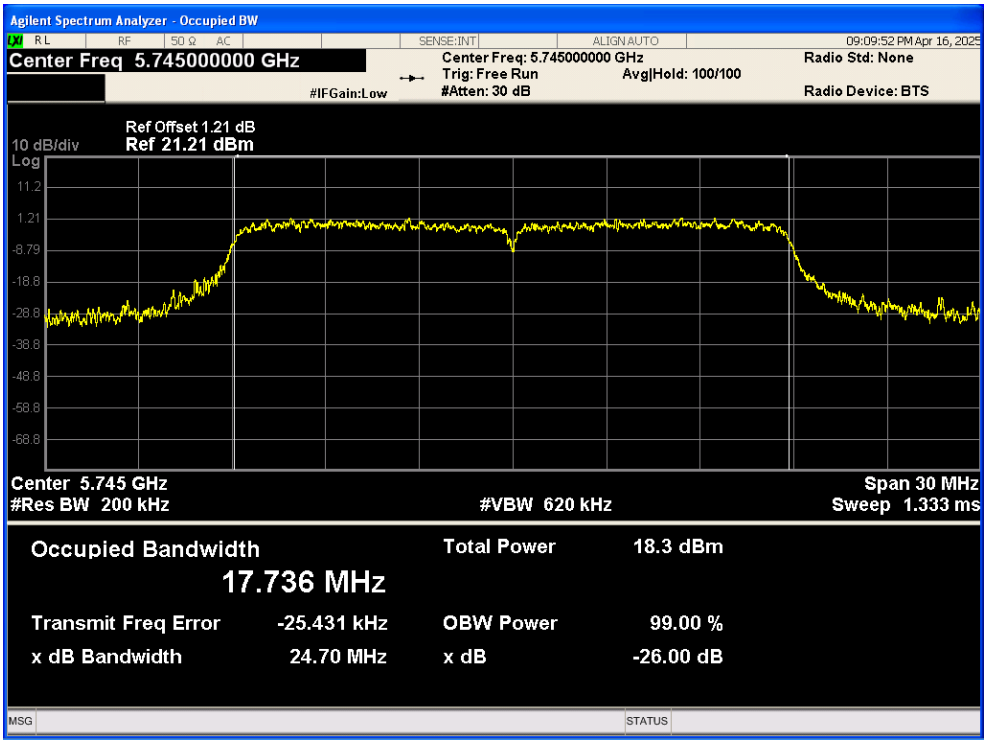
OBW NVNT n20 5785MHz Ant1



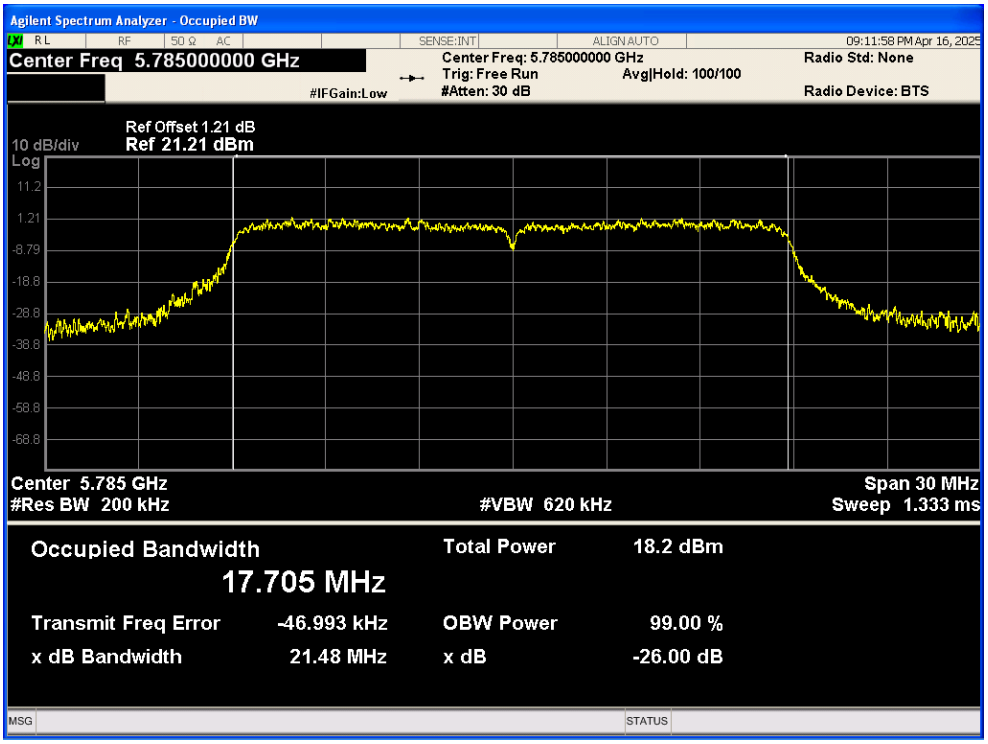
OBW NVNT n20 5825MHz Ant1



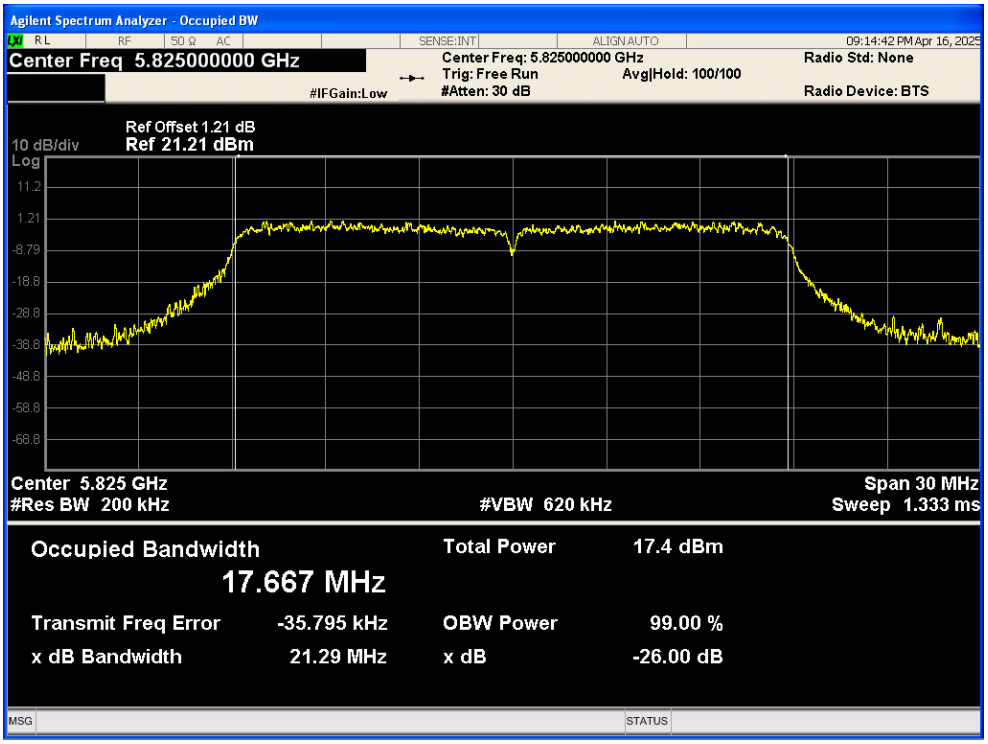
OBW NVNT n20 5745MHz Ant2



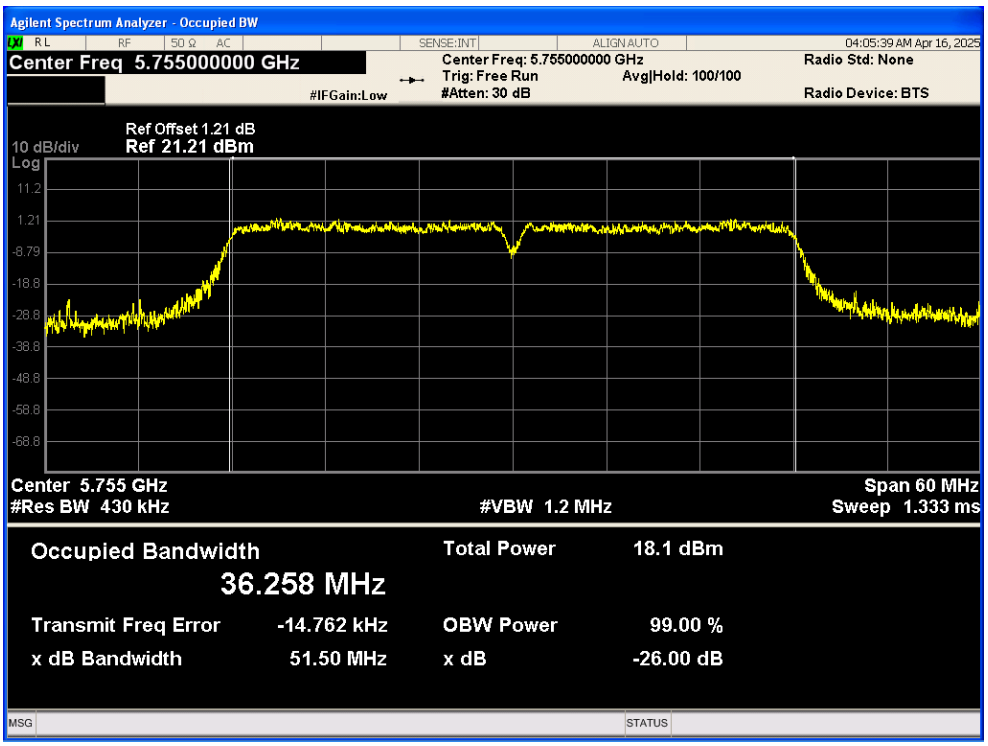
OBW NVNT n20 5785MHz Ant2



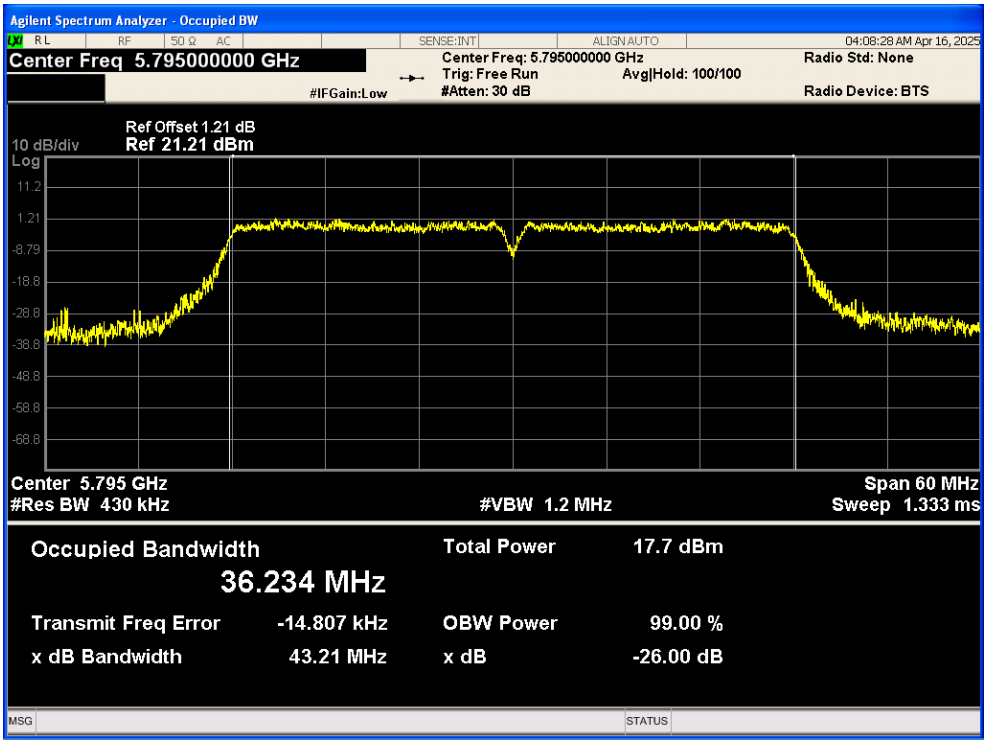
OBW NVNT n20 5825MHz Ant2



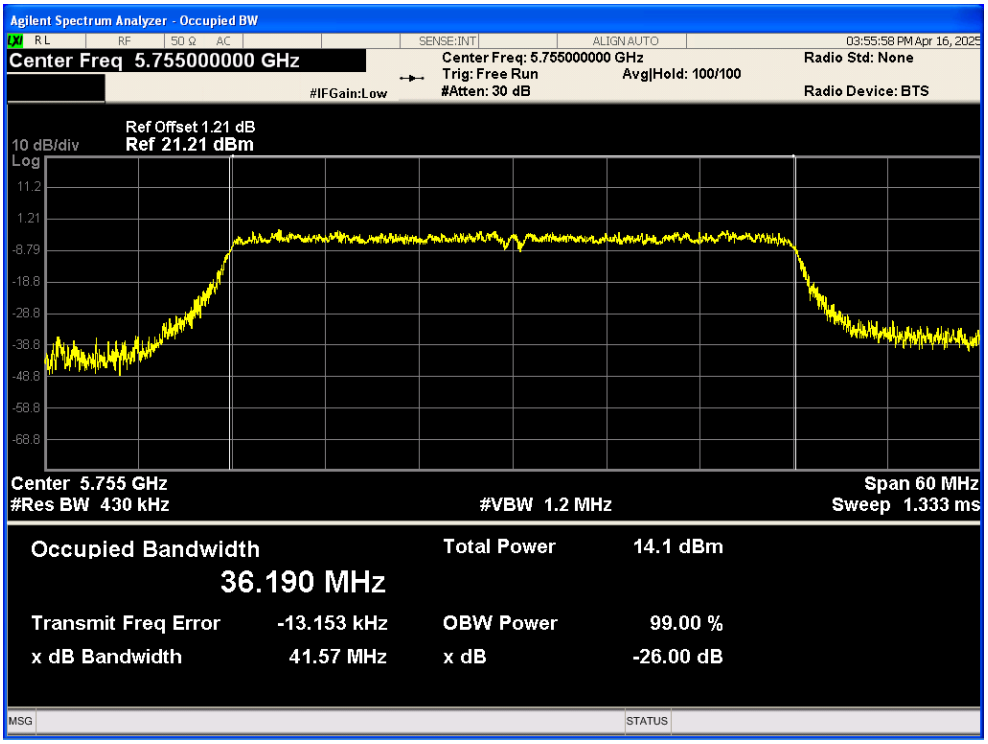
OBW NVNT n40 5755MHz Ant1



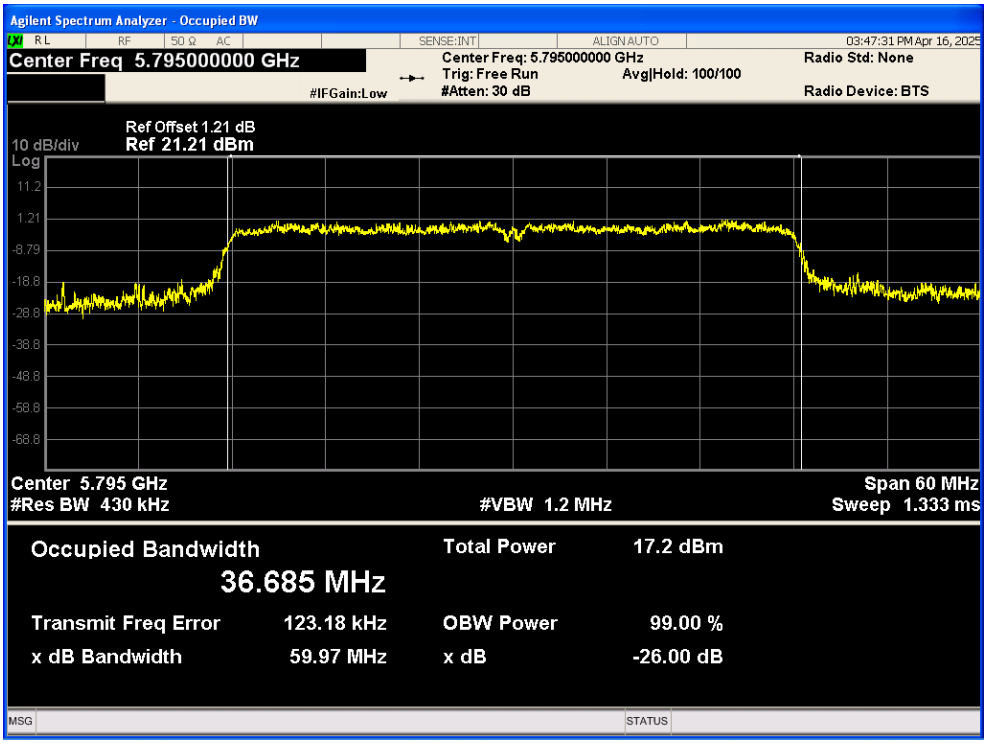
OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant2

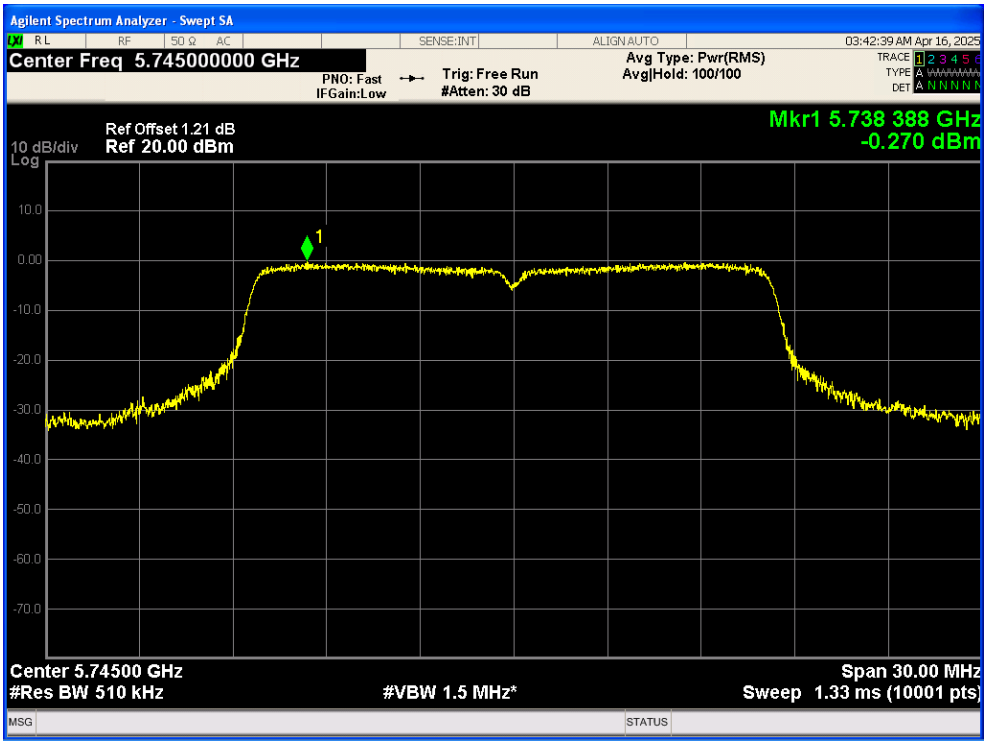


Maximum Power Spectral Density Level

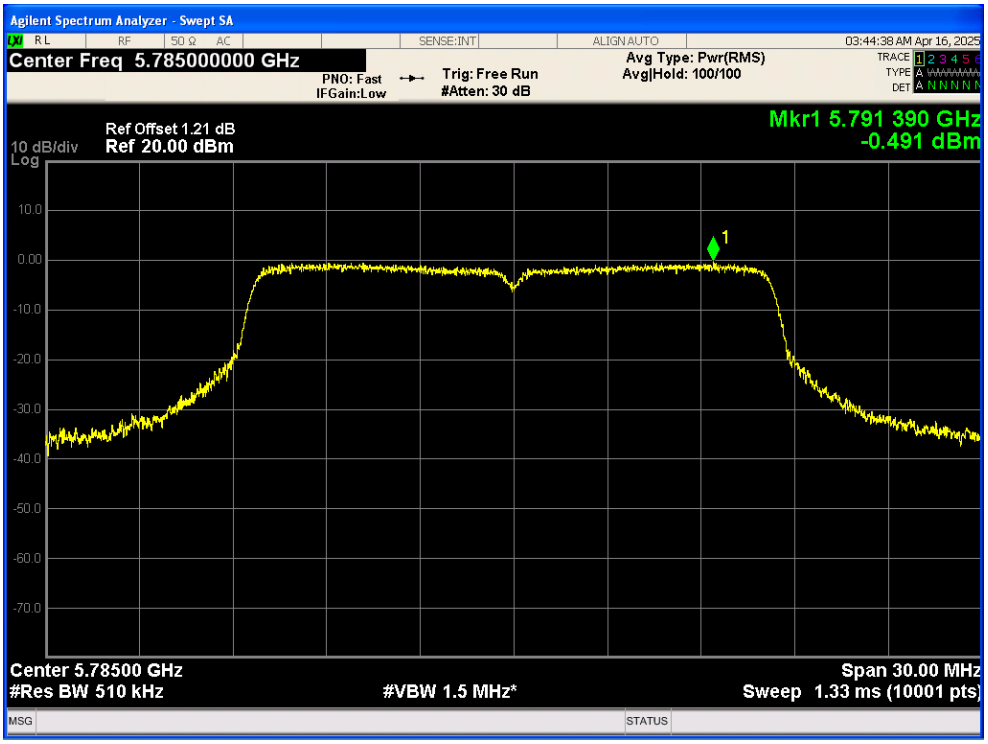
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-0.27	30	Pass
NVNT	a	5785	Ant1	-0.491	30	Pass
NVNT	a	5825	Ant1	-0.61	30	Pass
NVNT	a	5745	Ant2	-0.152	30	Pass
NVNT	a	5785	Ant2	-0.319	30	Pass
NVNT	a	5825	Ant2	-0.755	30	Pass
NVNT	ac20	5745	Ant1	-1.492	30	Pass
NVNT	ac20	5785	Ant1	-1.548	30	Pass
NVNT	ac20	5825	Ant1	-1.734	30	Pass
NVNT	ac20	5745	Ant2	-1.05	30	Pass
NVNT	ac20	5785	Ant2	-0.794	30	Pass
NVNT	ac20	5825	Ant2	-1.228	30	Pass
NVNT	ac40	5755	Ant1	-4.389	30	Pass
NVNT	ac40	5795	Ant1	-4.732	30	Pass
NVNT	ac40	5755	Ant2	-3.809	30	Pass
NVNT	ac40	5795	Ant2	-3.634	30	Pass
NVNT	ac80	5775	Ant1	-6.773	30	Pass
NVNT	ac80	5775	Ant2	-5.845	30	Pass
NVNT	n20	5745	Ant1	-1.499	30	Pass
NVNT	n20	5785	Ant1	-1.609	30	Pass
NVNT	n20	5825	Ant1	-1.936	30	Pass

NVNT	n20	5745	Ant2	-0.638	30	Pass
NVNT	n20	5785	Ant2	-0.736	30	Pass
NVNT	n20	5825	Ant2	-1.637	30	Pass
NVNT	n40	5755	Ant1	-4.374	30	Pass
NVNT	n40	5795	Ant1	-4.546	30	Pass
NVNT	n40	5755	Ant2	-6.566	30	Pass
NVNT	n40	5795	Ant2	-5.187	30	Pass

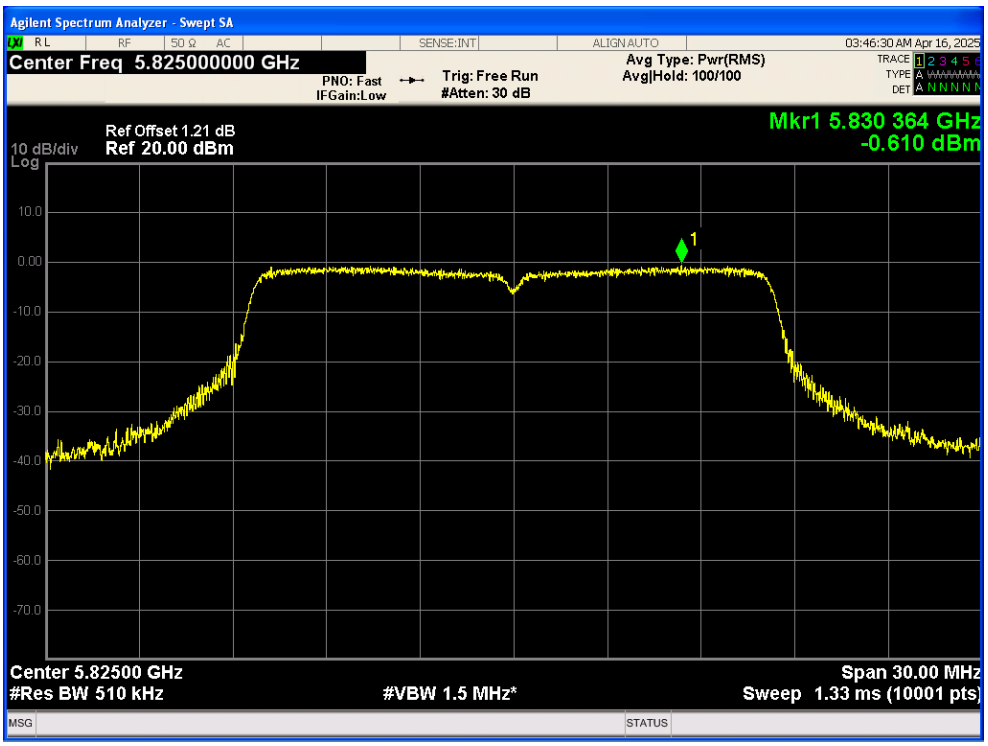
PSD NVNT a 5745MHz Ant1



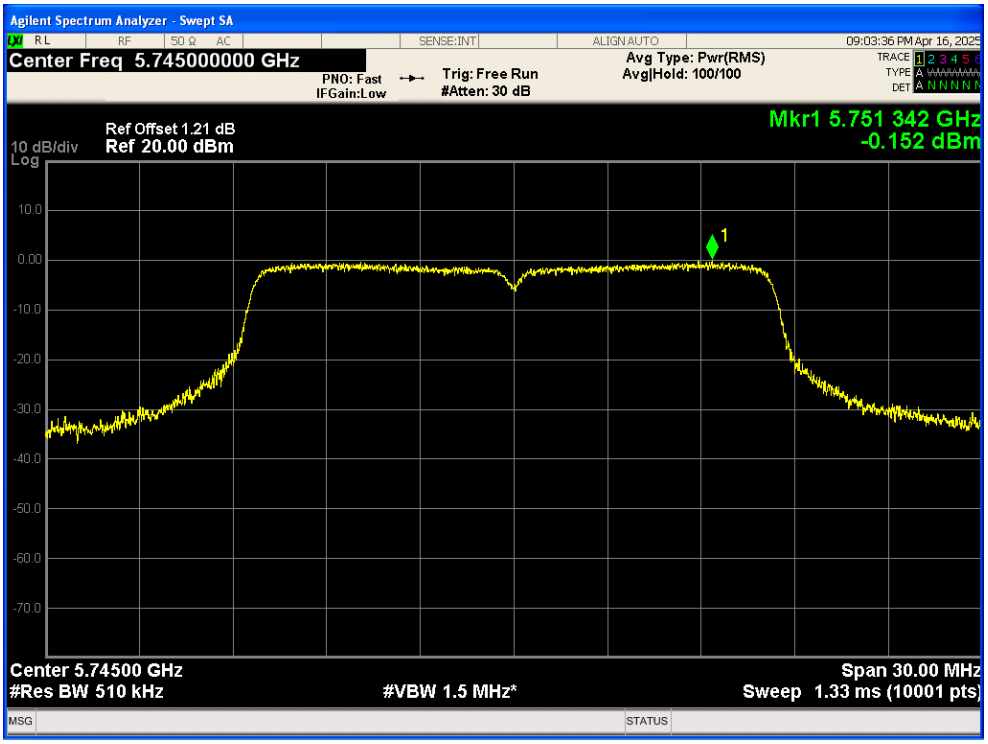
PSD NVNT a 5785MHz Ant1



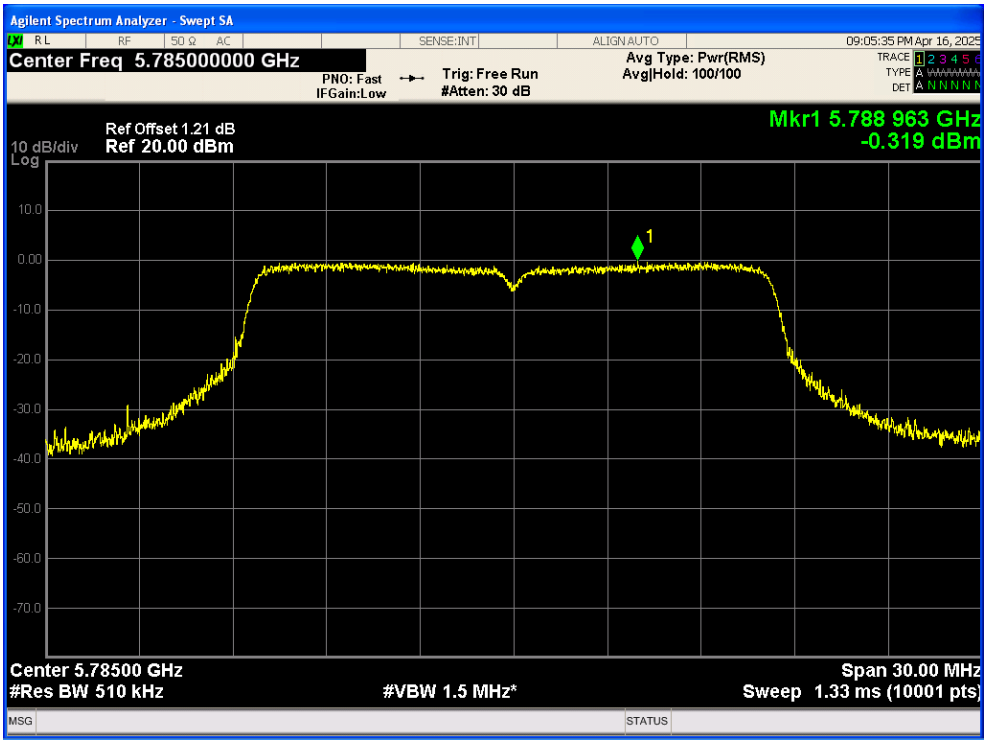
PSD NVNT a 5825MHz Ant1



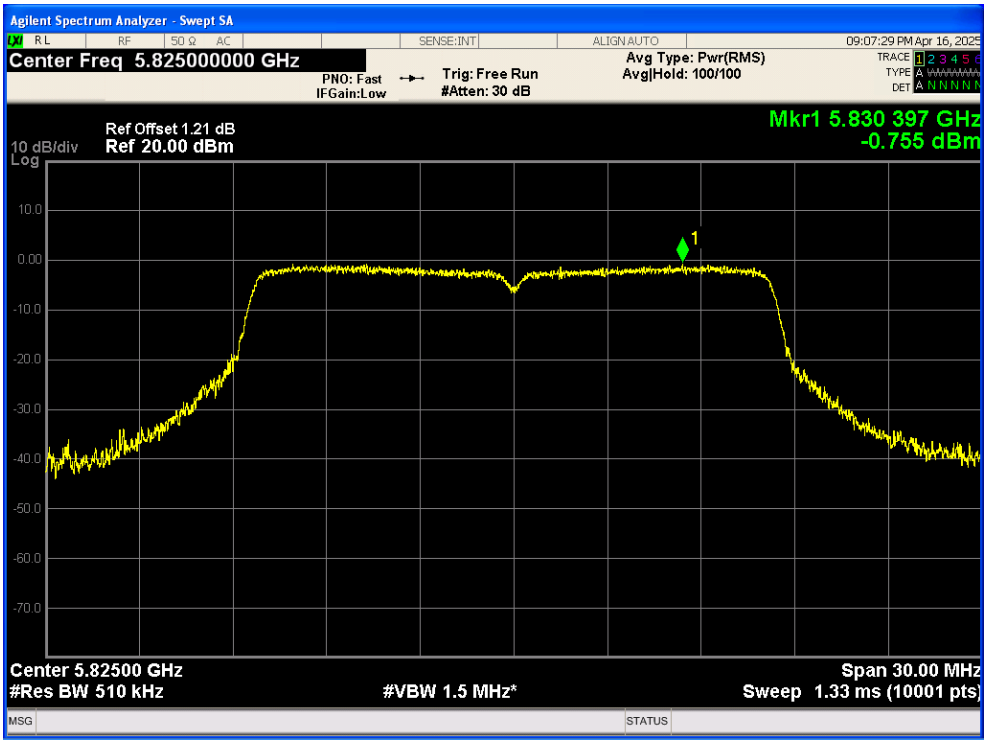
PSD NVNT a 5745MHz Ant2



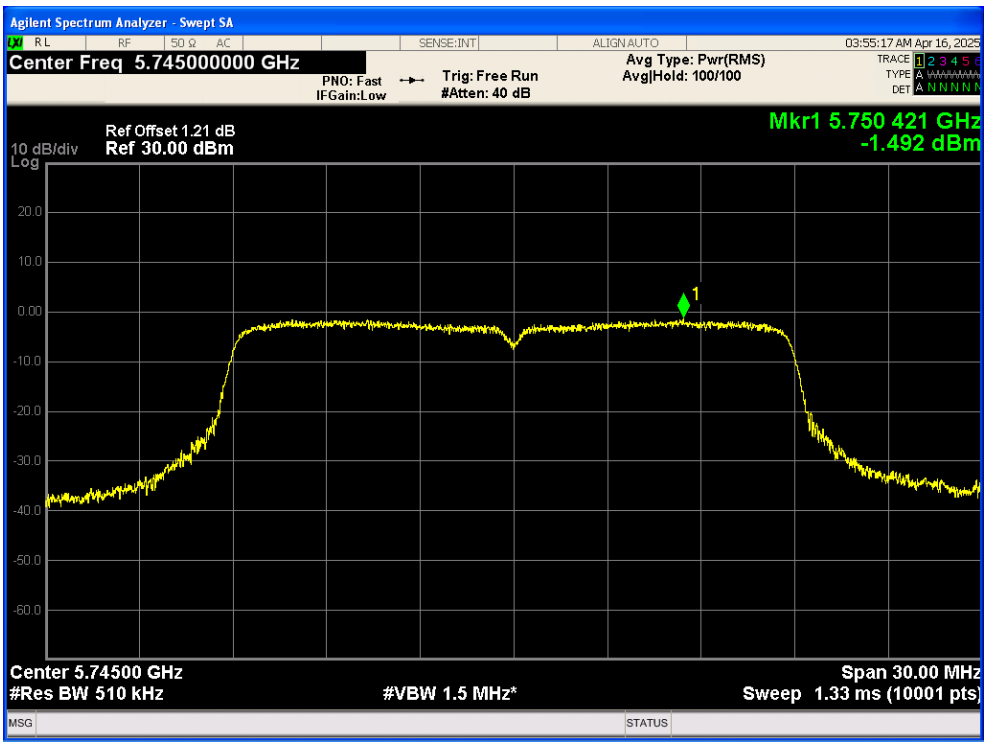
PSD NVNT a 5785MHz Ant2



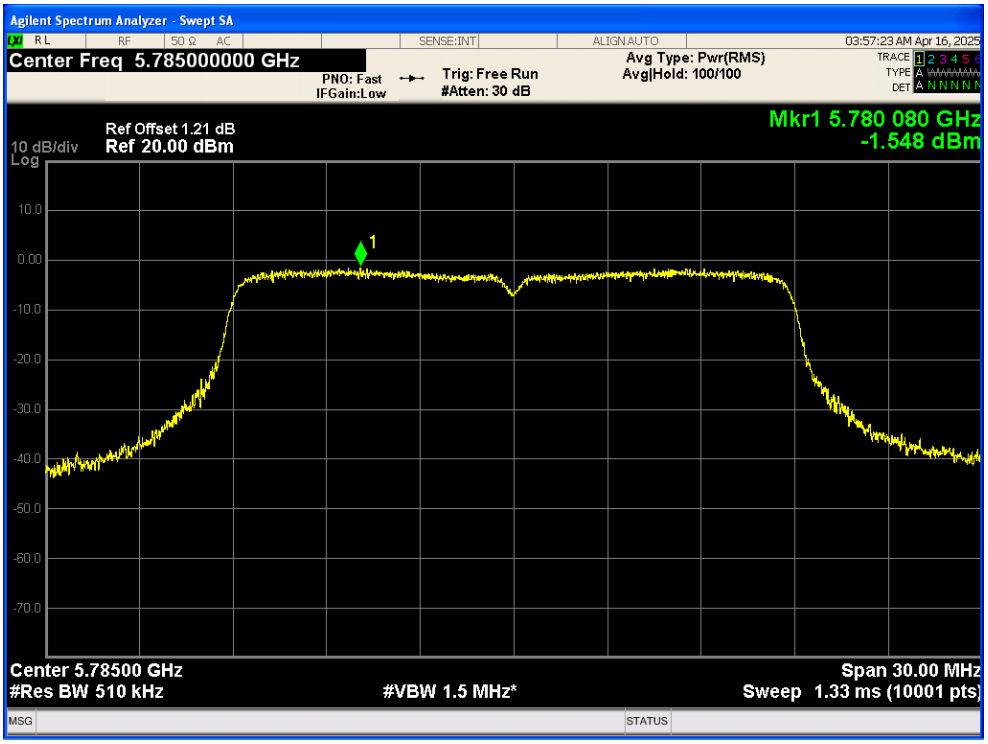
PSD NVNT a 5825MHz Ant2



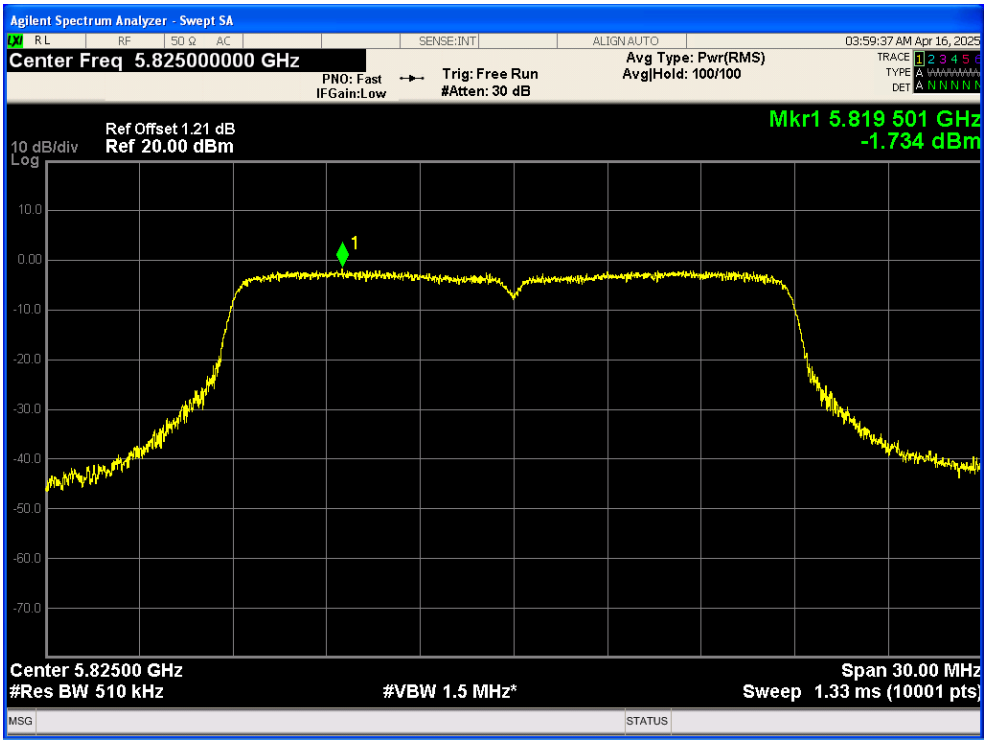
PSD NVNT ac20 5745MHz Ant1



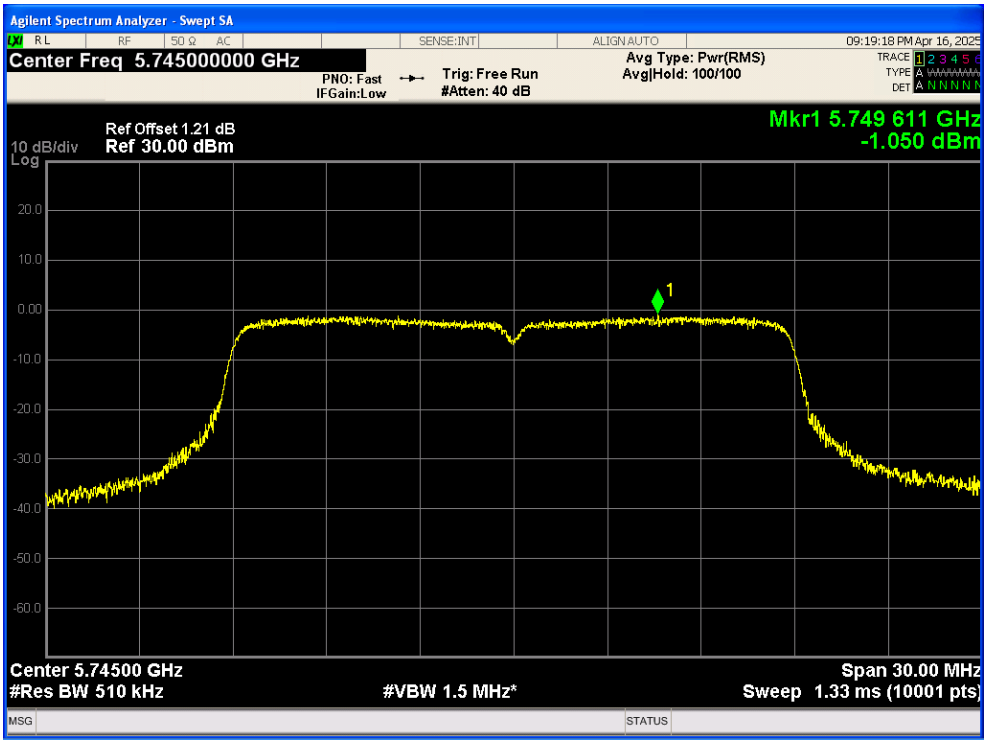
PSD NVNT ac20 5785MHz Ant1



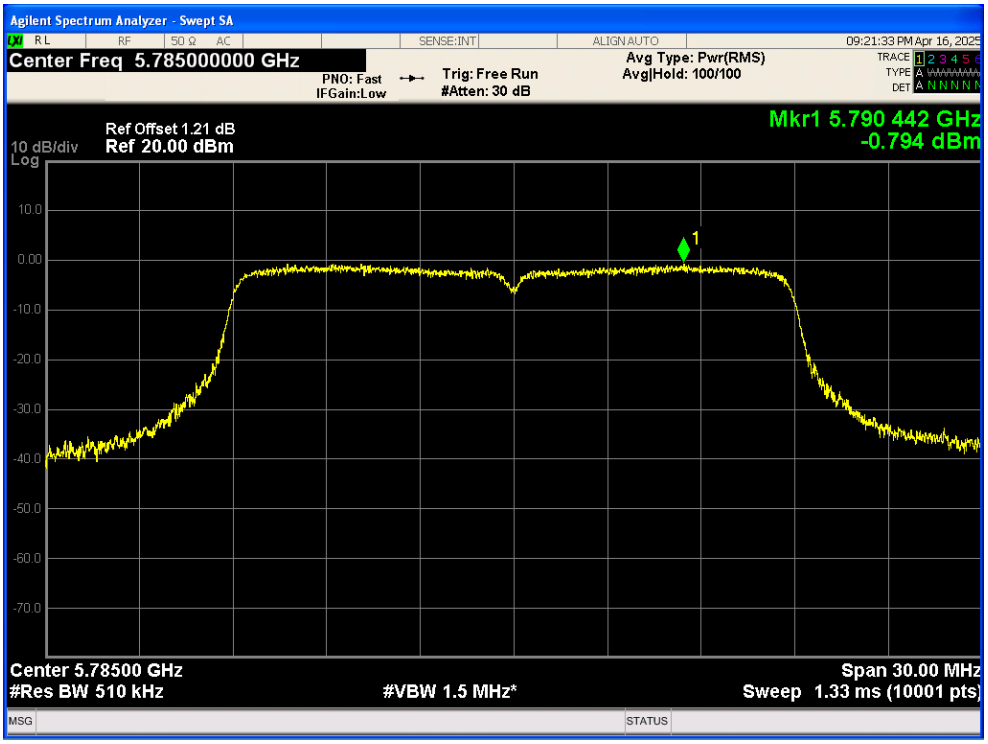
PSD NVNT ac20 5825MHz Ant1



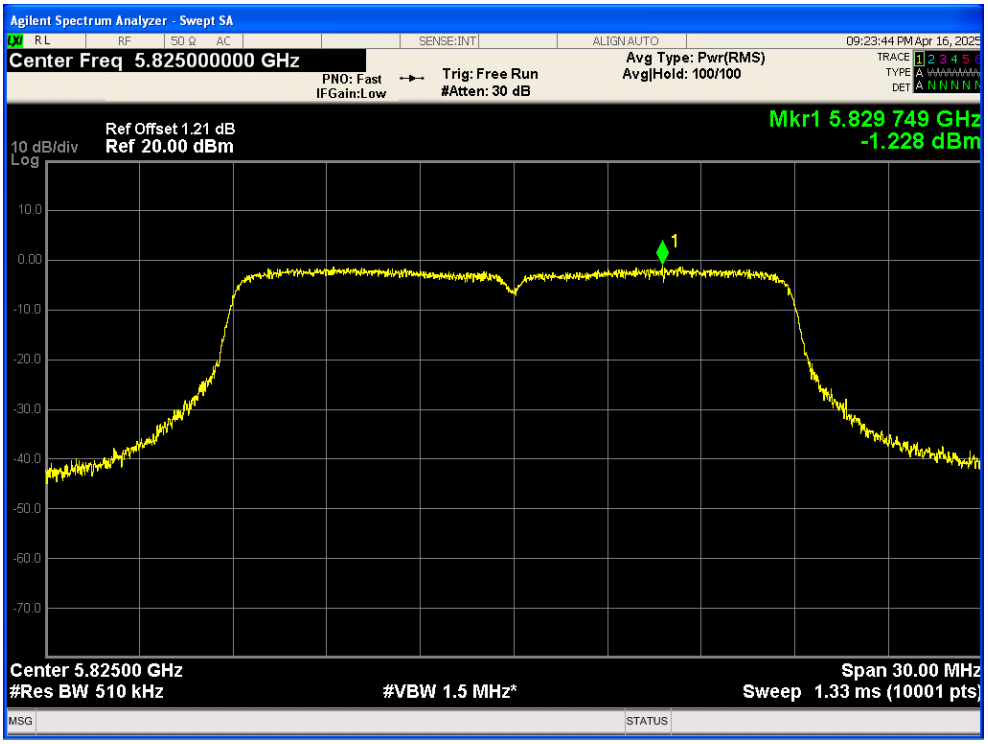
PSD NVNT ac20 5745MHz Ant2



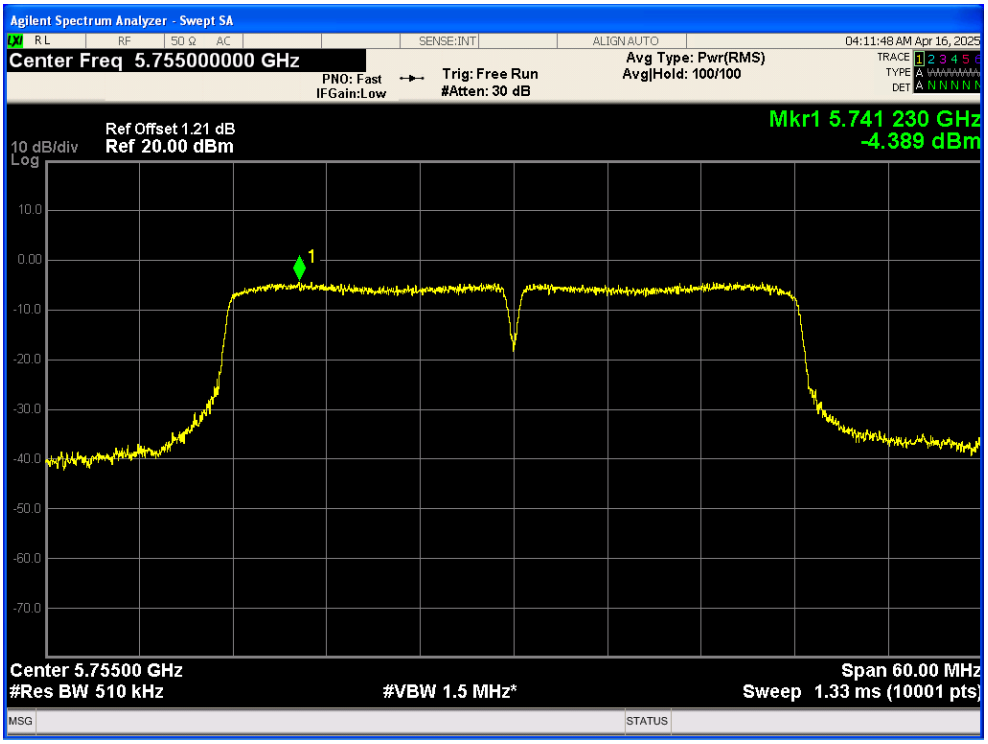
PSD NVNT ac20 5785MHz Ant2



PSD NVNT ac20 5825MHz Ant2



PSD NVNT ac40 5755MHz Ant1



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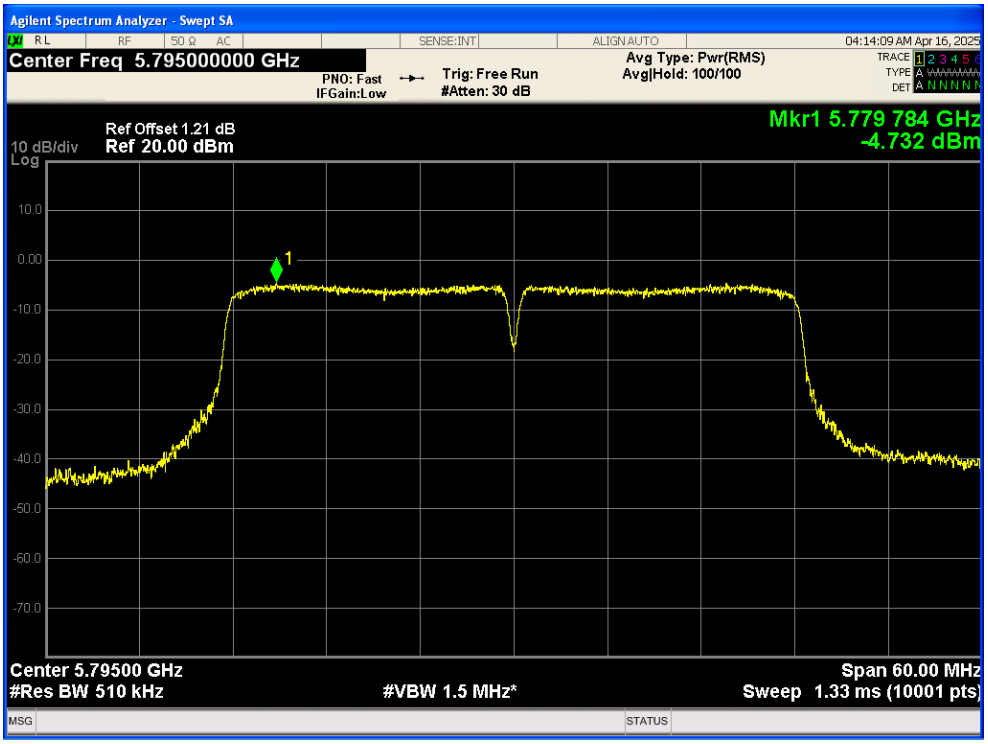
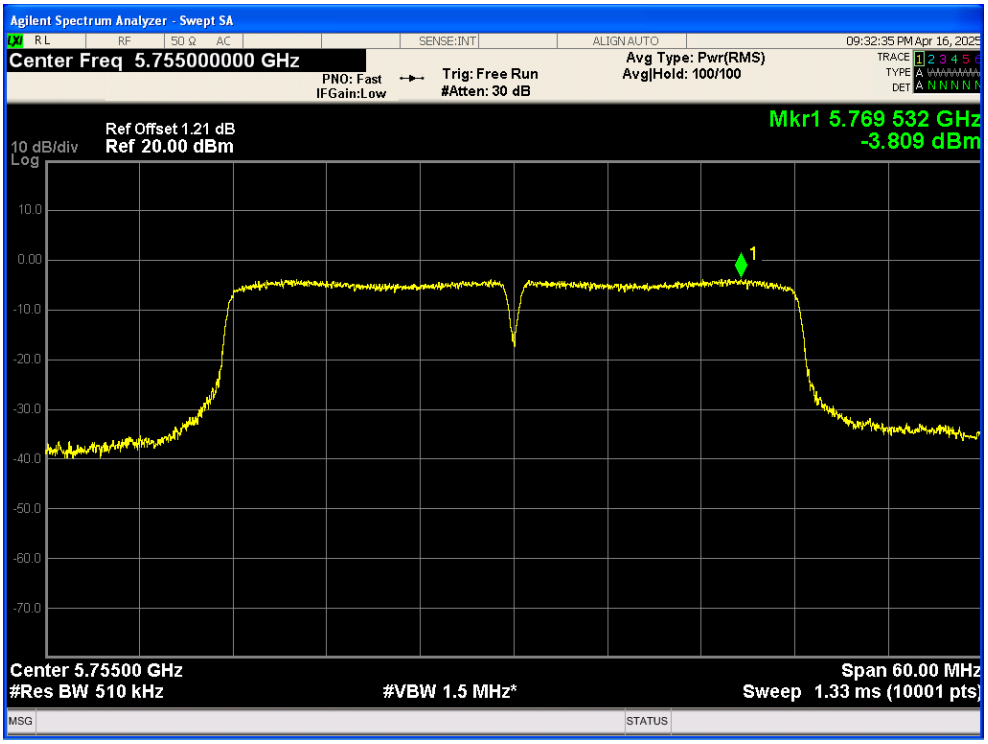
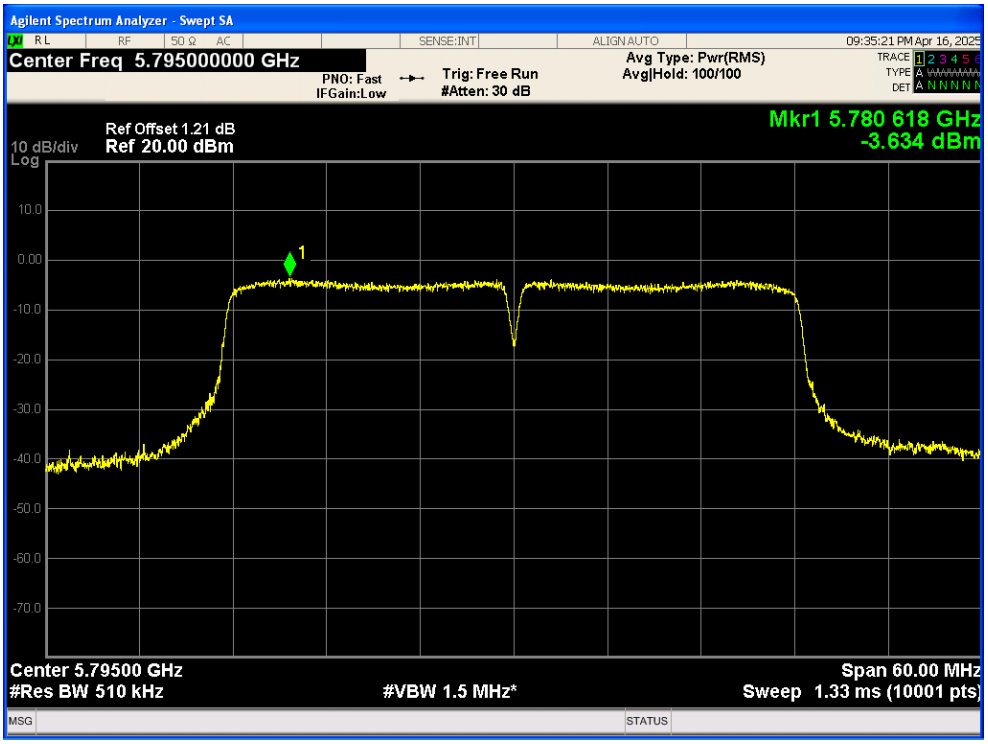


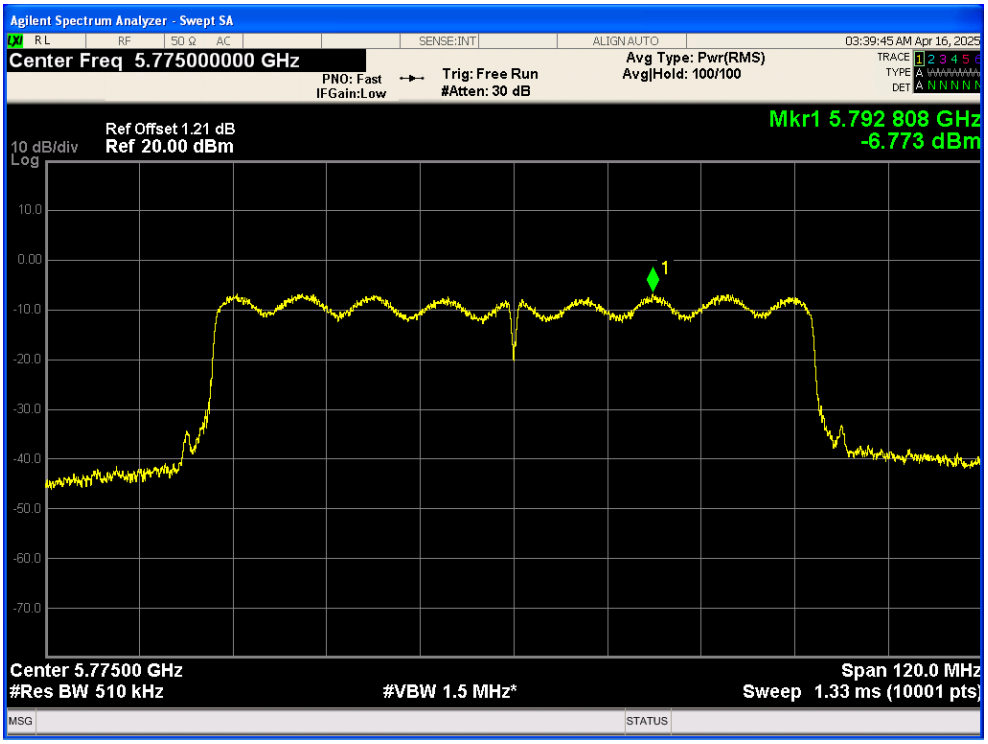
PSD NVNT ac40 5755MHz Ant2



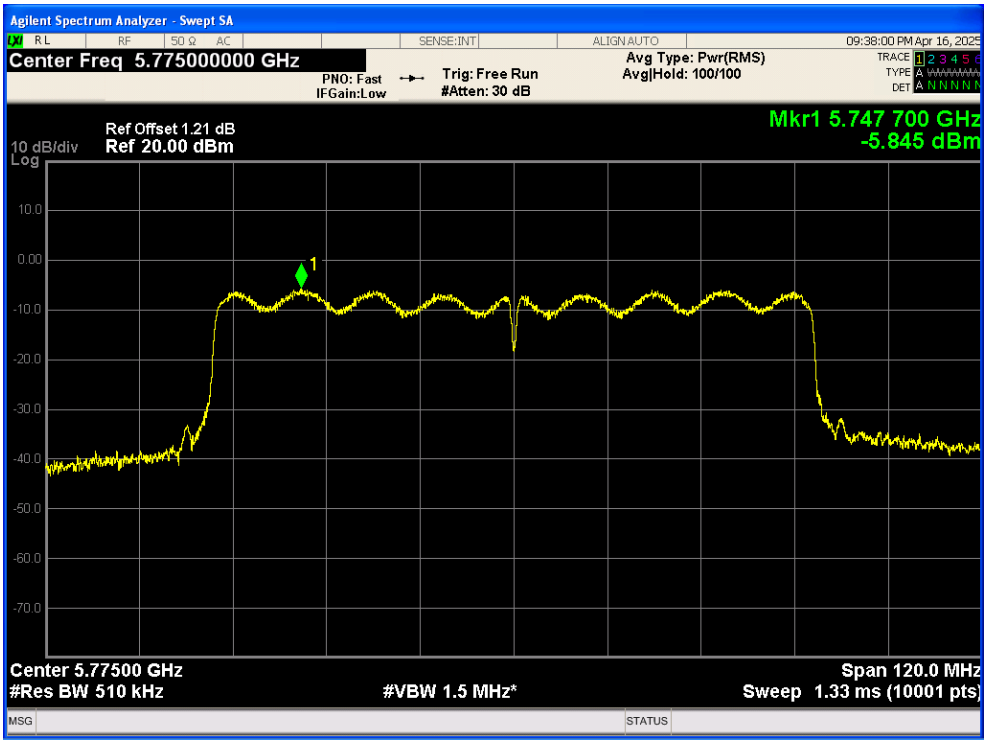
PSD NVNT ac40 5795MHz Ant2



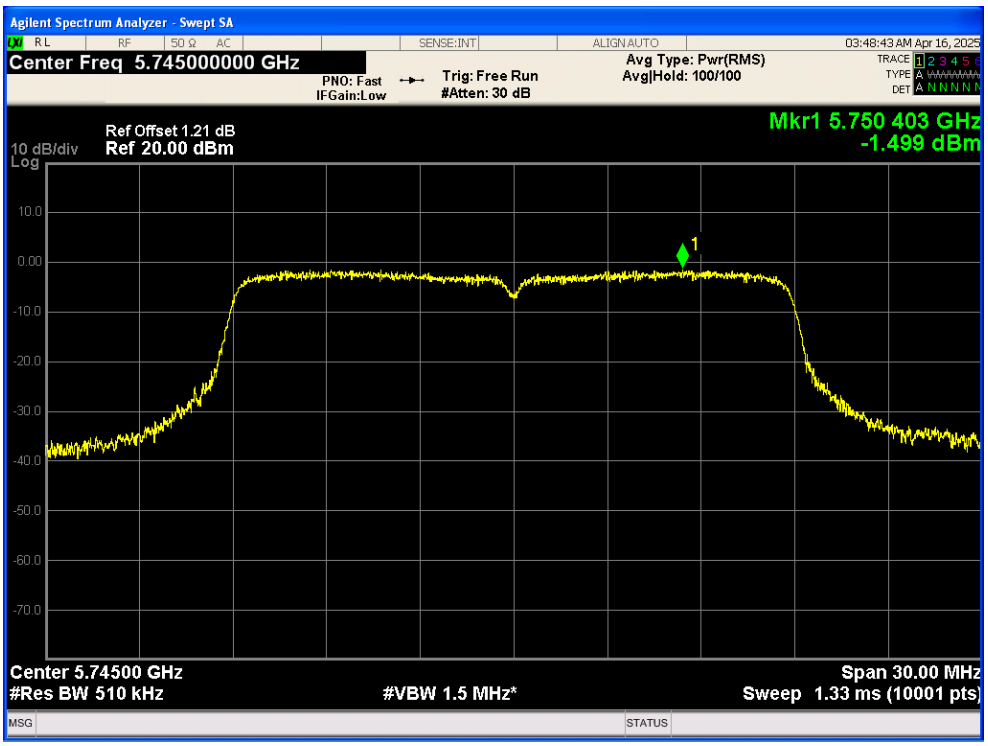
PSD NVNT ac80 5775MHz Ant1



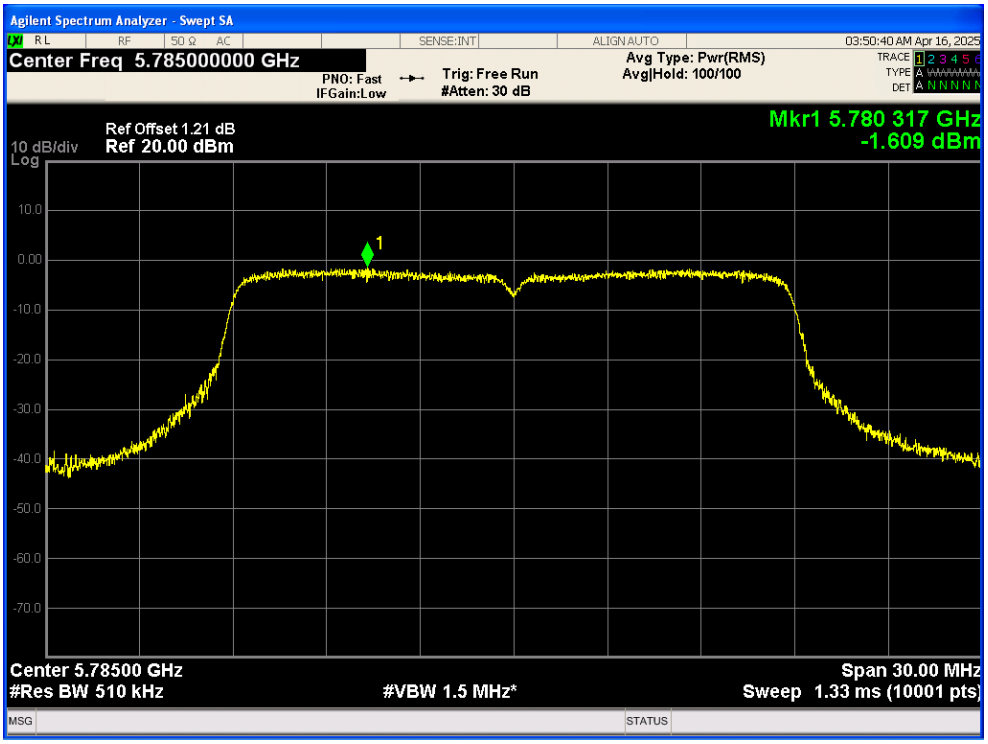
PSD NVNT ac80 5775MHz Ant2



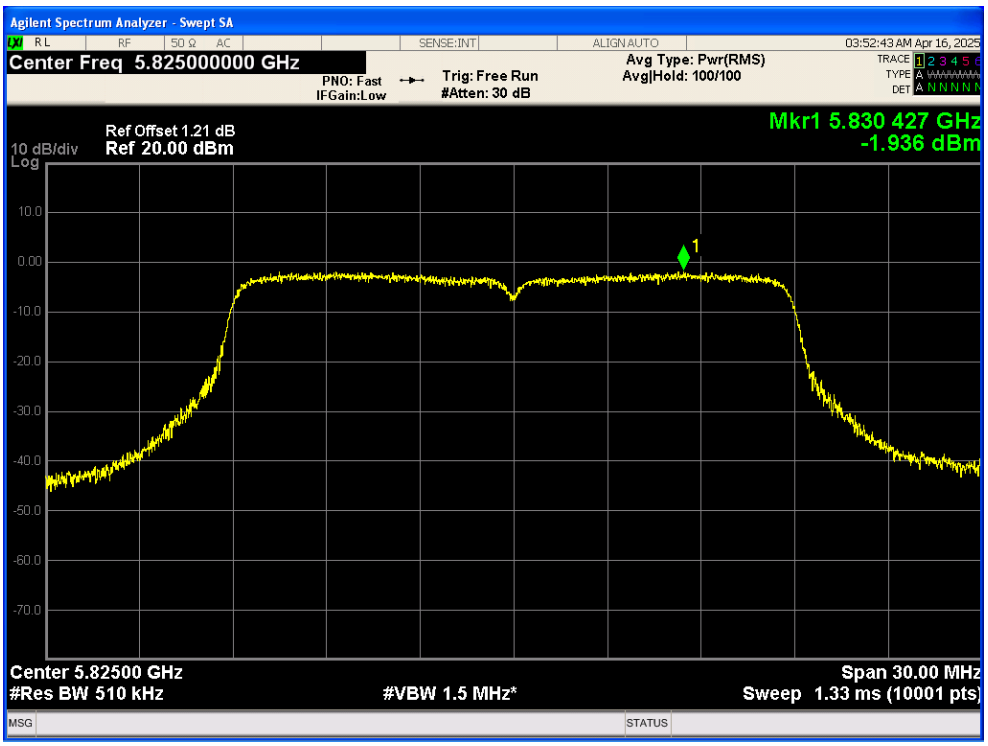
PSD NVNT n20 5745MHz Ant1



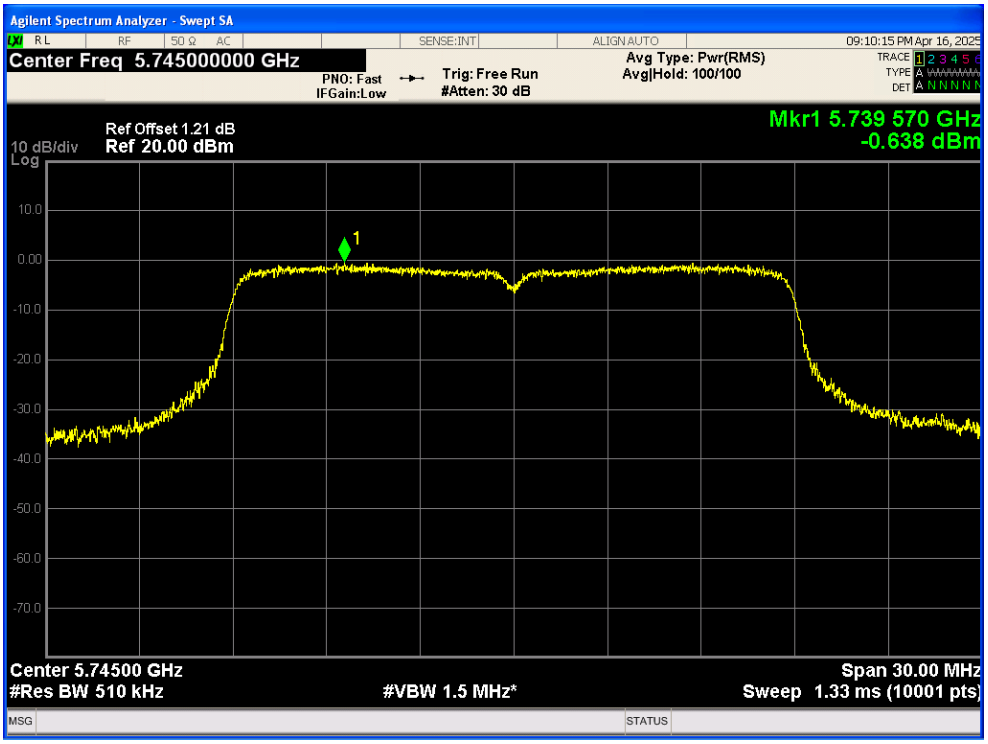
PSD NVNT n20 5785MHz Ant1



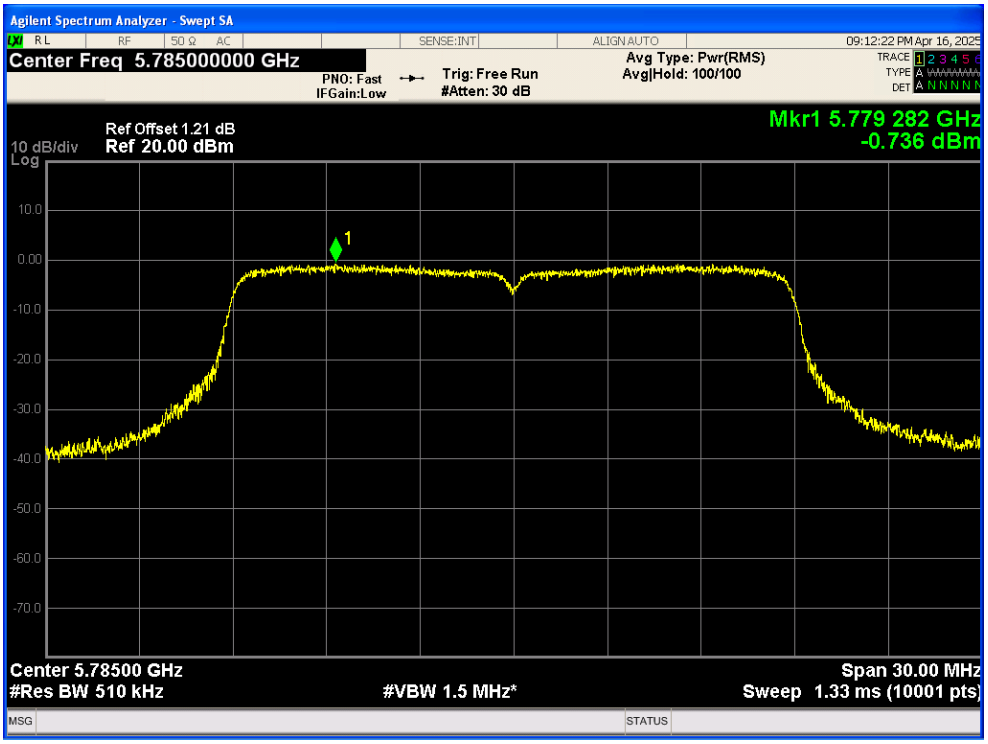
PSD NVNT n20 5825MHz Ant1



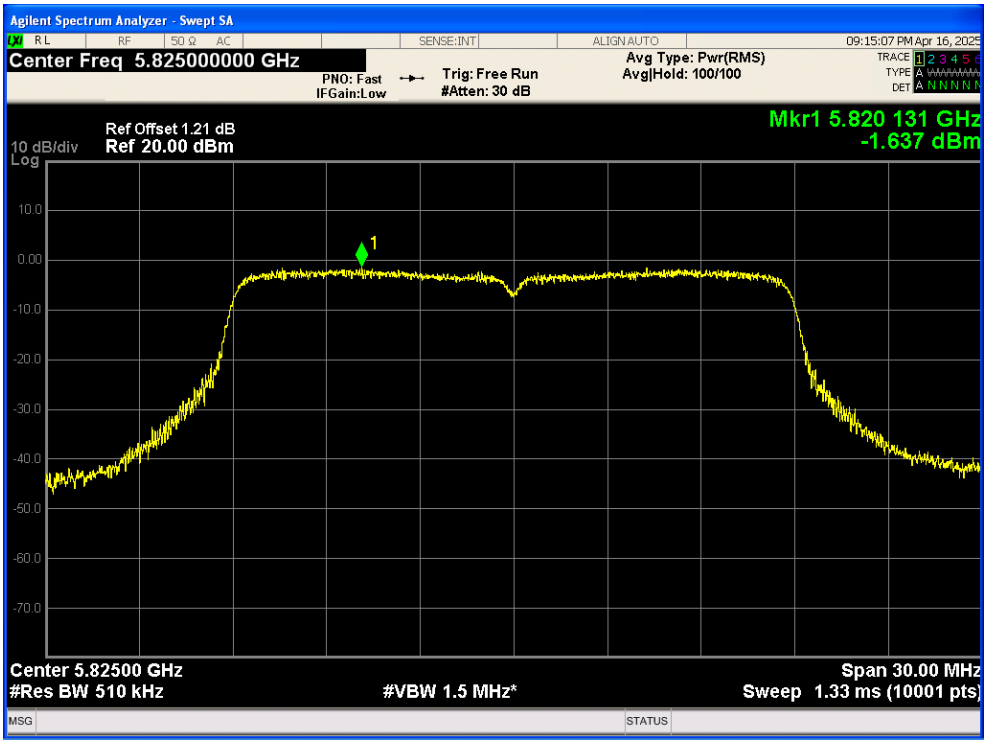
PSD NVNT n20 5745MHz Ant2



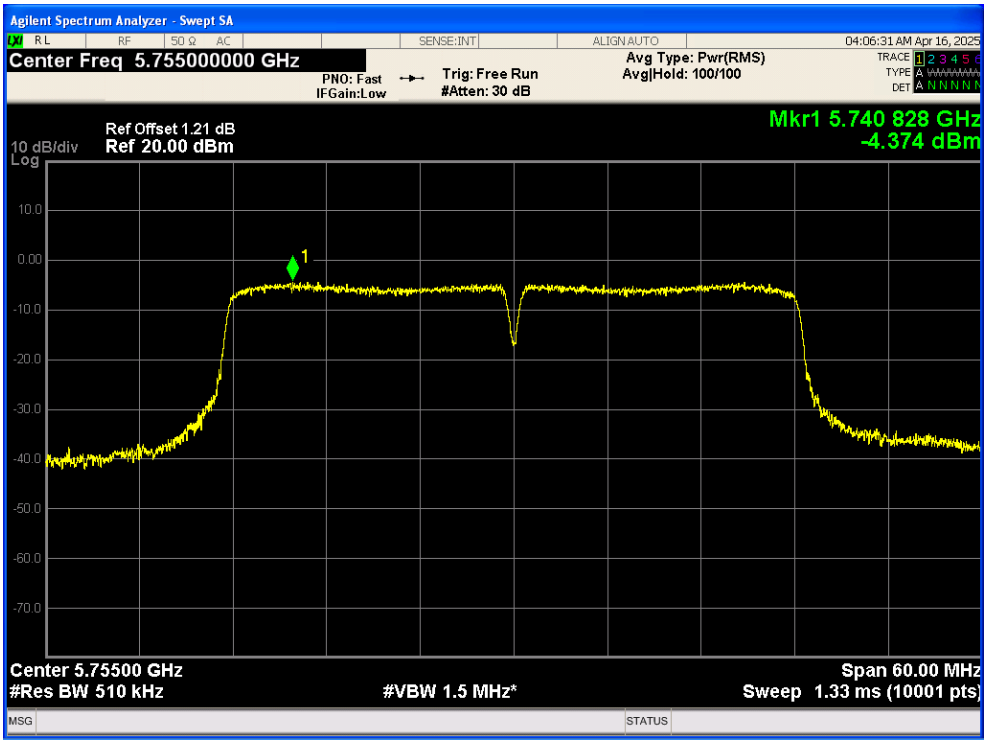
PSD NVNT n20 5785MHz Ant2



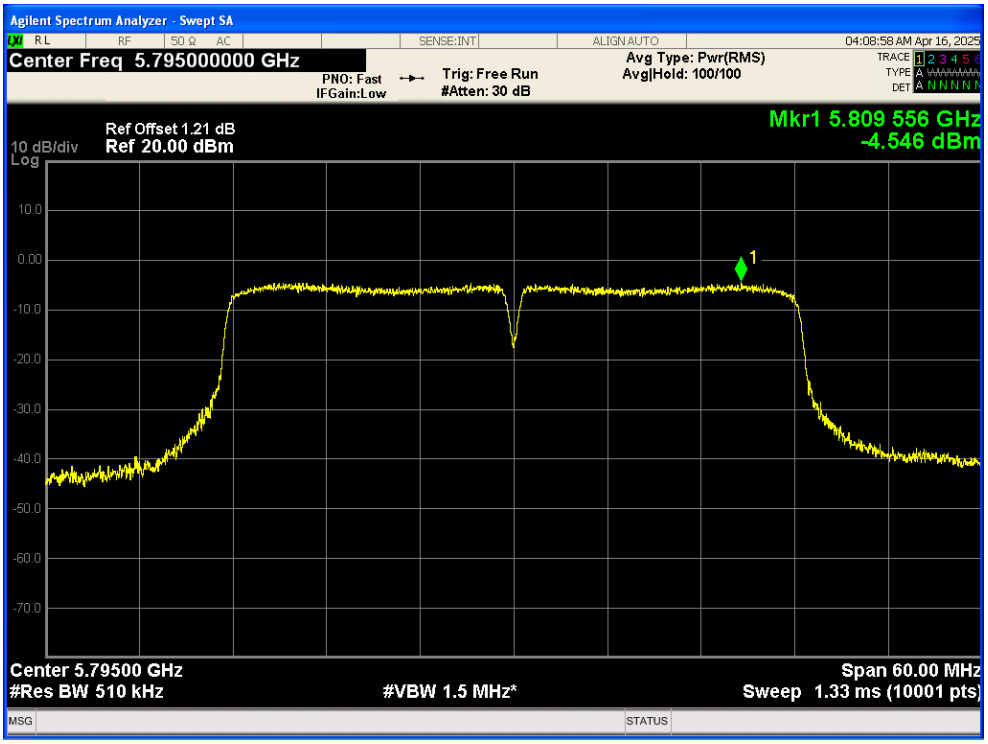
PSD NVNT n20 5825MHz Ant2



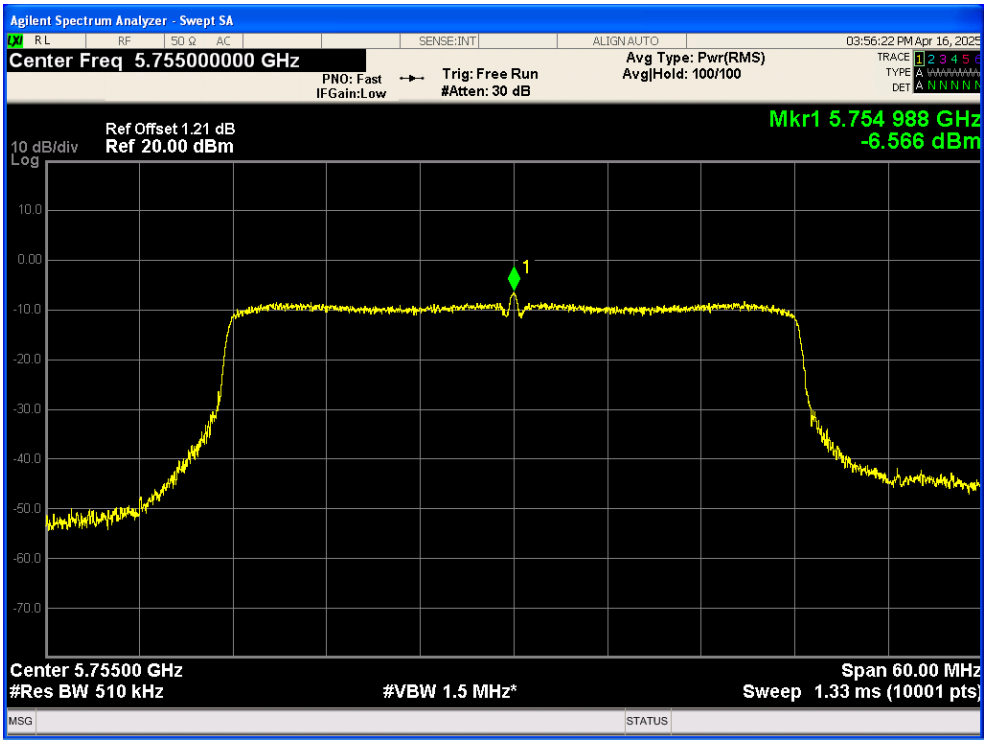
PSD NVNT n40 5755MHz Ant1



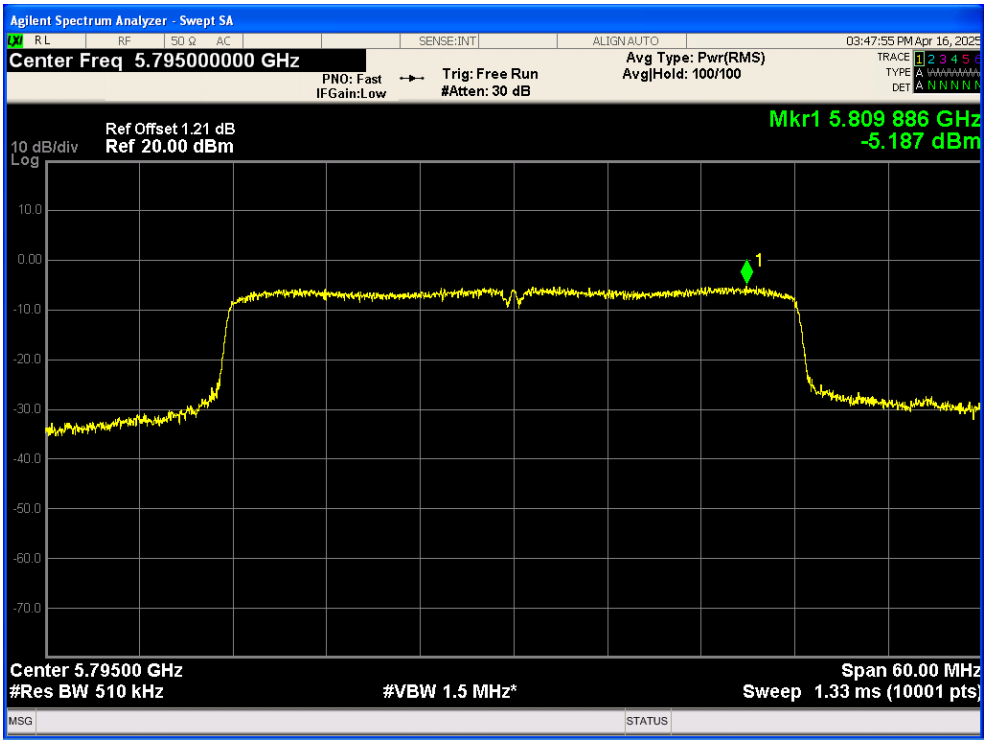
PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2

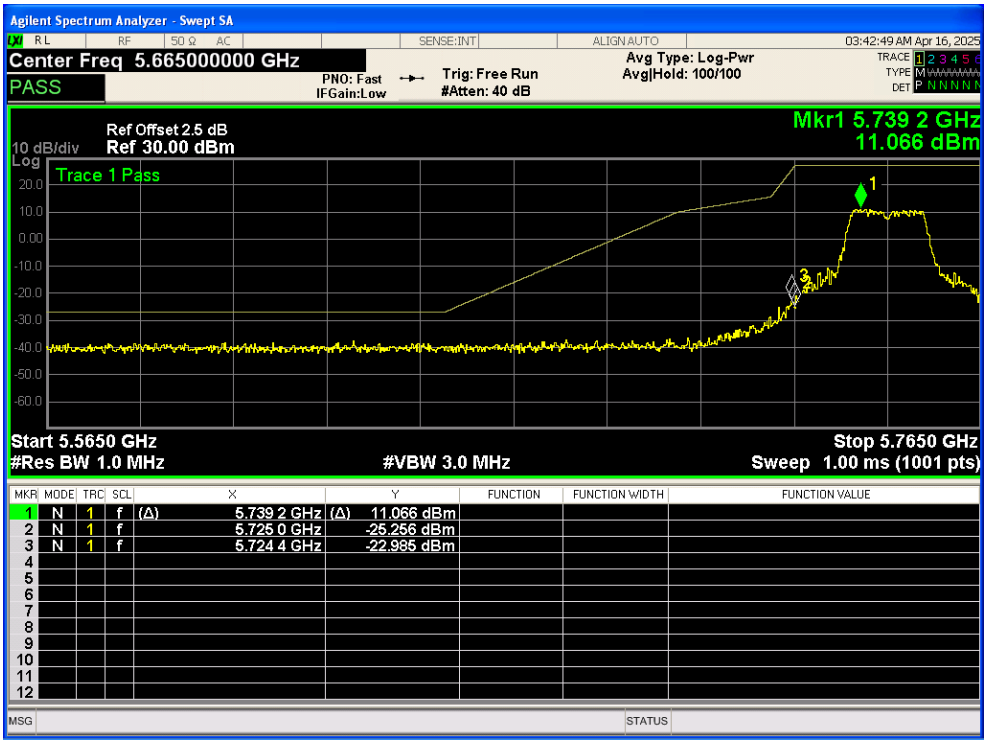


Band Edge

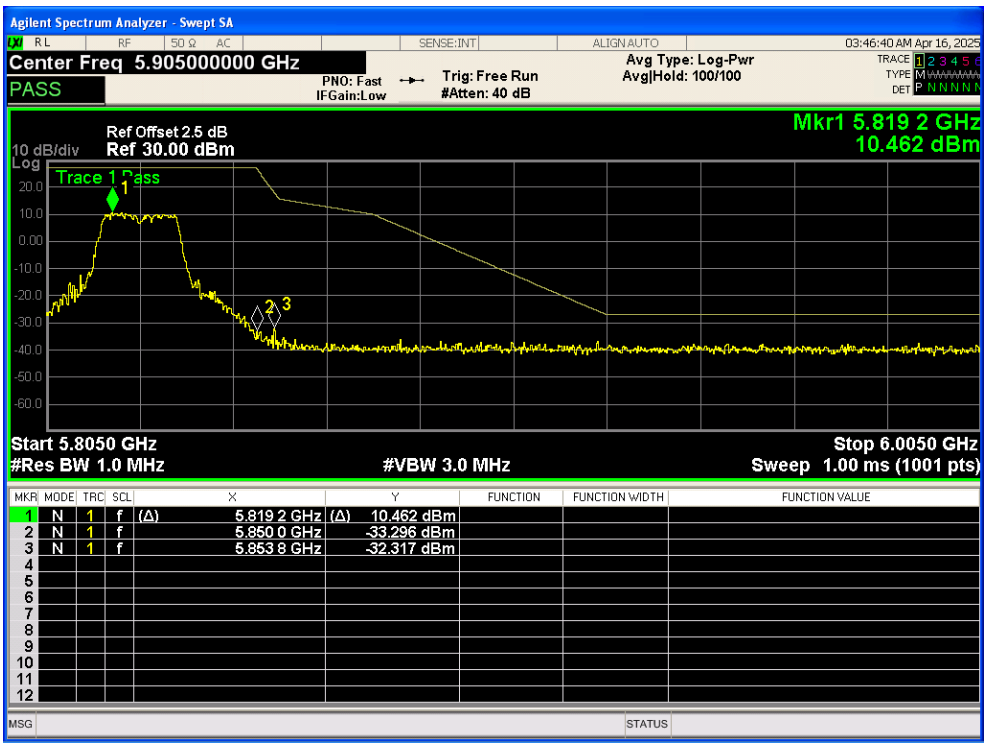
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-22.98	Pass
NVNT	a	5825	Ant1	-32.31	Pass
NVNT	a	5745	Ant2	-20.74	Pass
NVNT	a	5825	Ant2	-31.57	Pass
NVNT	ac20	5745	Ant1	-21.47	Pass
NVNT	ac20	5825	Ant1	-33.87	Pass
NVNT	ac20	5745	Ant2	-16.87	Pass
NVNT	ac20	5825	Ant2	-30.95	Pass
NVNT	ac40	5755	Ant1	-21.09	Pass
NVNT	ac40	5795	Ant1	-36.23	Pass
NVNT	ac40	5755	Ant2	-16.37	Pass
NVNT	ac40	5795	Ant2	-33.66	Pass
NVNT	ac80	5775	Ant1	-25.61	Pass
NVNT	ac80	5775	Ant2	-21.44	Pass
NVNT	n20	5745	Ant1	-19.42	Pass
NVNT	n20	5825	Ant1	-34.63	Pass
NVNT	n20	5745	Ant2	-15.23	Pass
NVNT	n20	5825	Ant2	-32.53	Pass
NVNT	n40	5755	Ant1	-22.89	Pass
NVNT	n40	5795	Ant1	-37.09	Pass
NVNT	n40	5755	Ant2	-33.5	Pass

NVNT	n40	5795	Ant2	-32.65	Pass

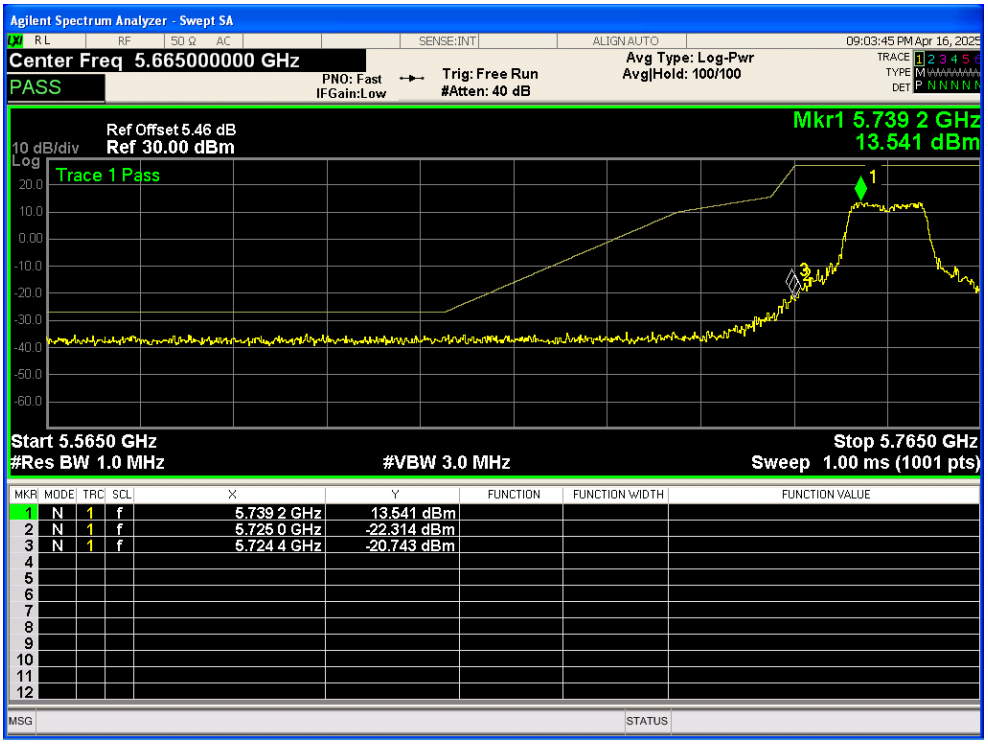
Band Edge NVNT a 5745MHz Low Ant1



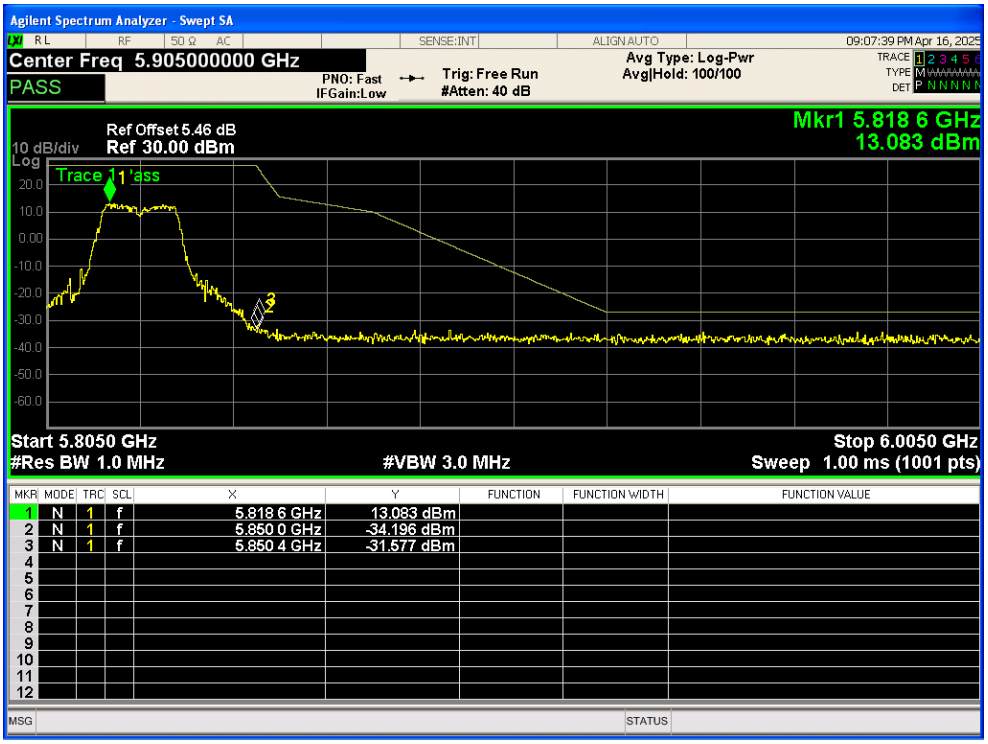
Band Edge NVNT a 5825MHz High Ant1



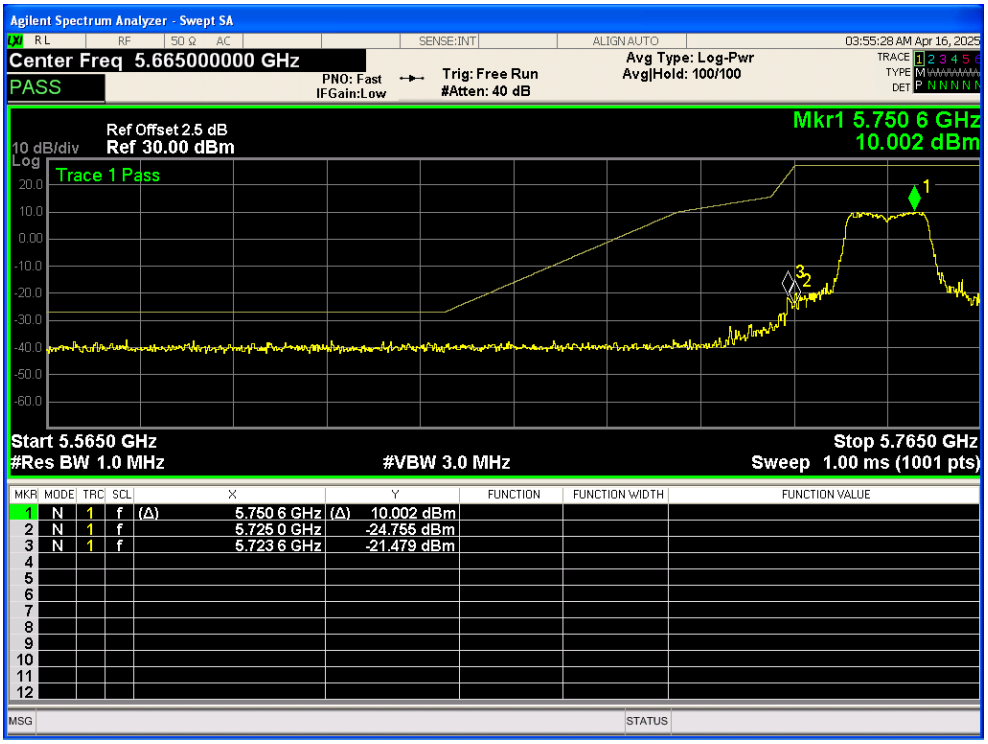
Band Edge NVNT a 5745MHz Low Ant2



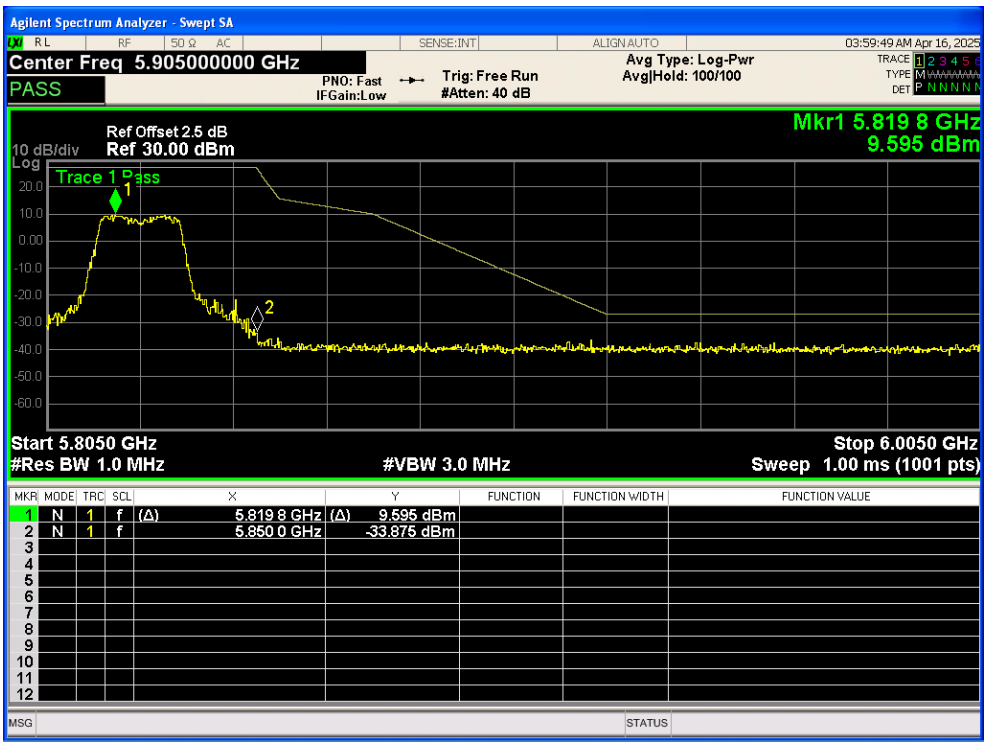
Band Edge NVNT a 5825MHz High Ant2



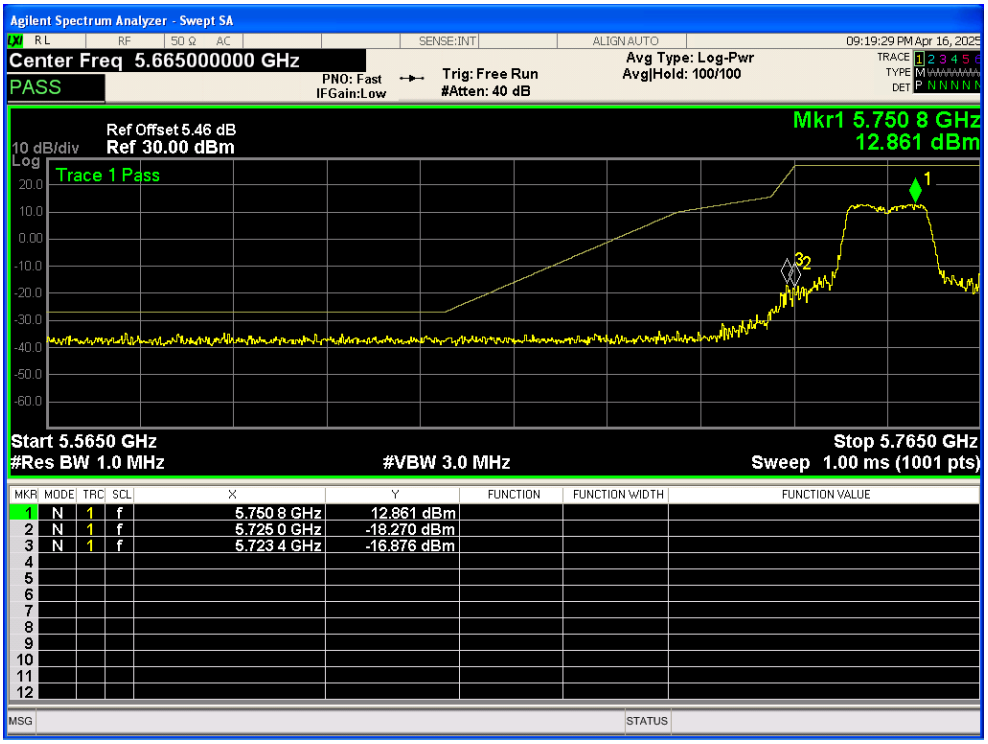
Band Edge NVNT ac20 5745MHz Low Ant1



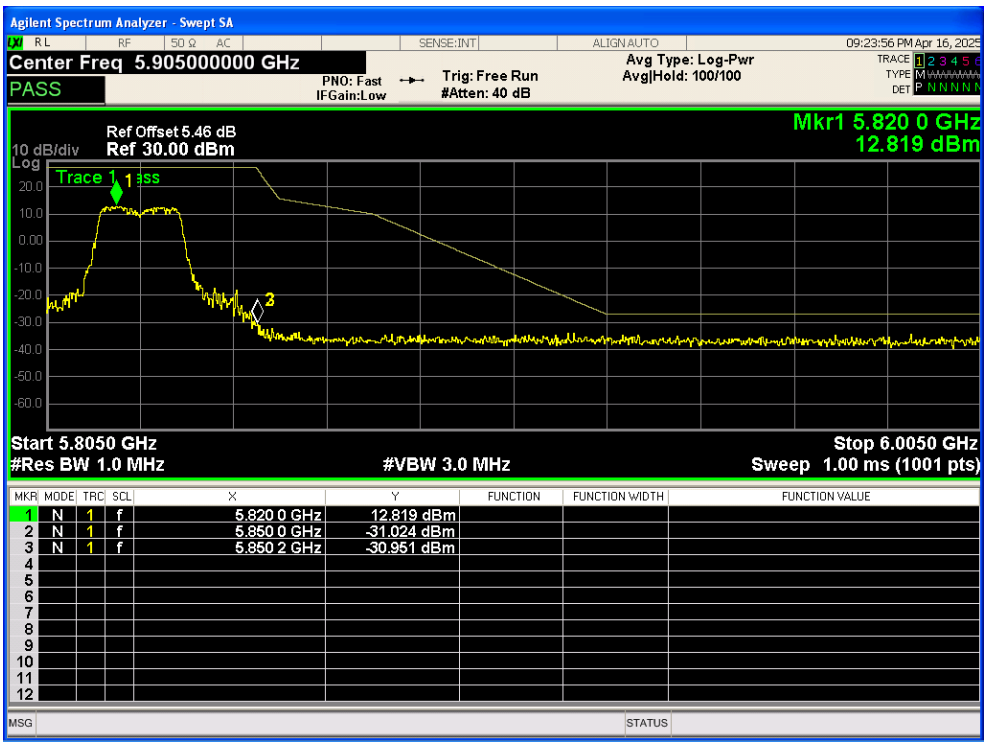
Band Edge NVNT ac20 5825MHz High Ant1



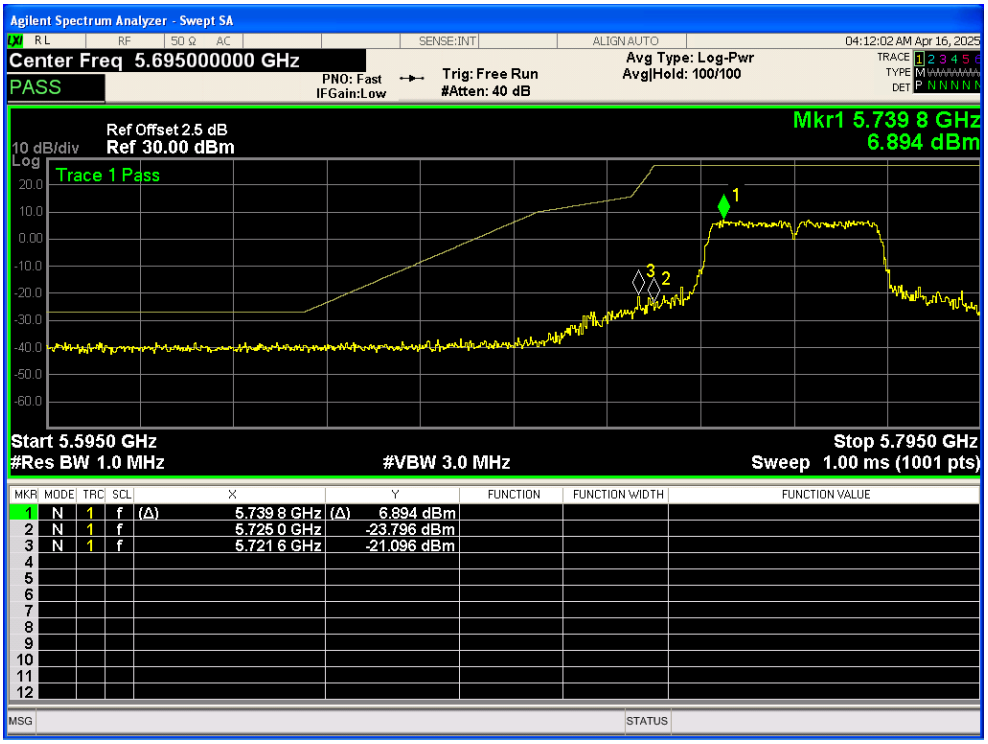
Band Edge NVNT ac20 5745MHz Low Ant2



Band Edge NVNT ac20 5825MHz High Ant2

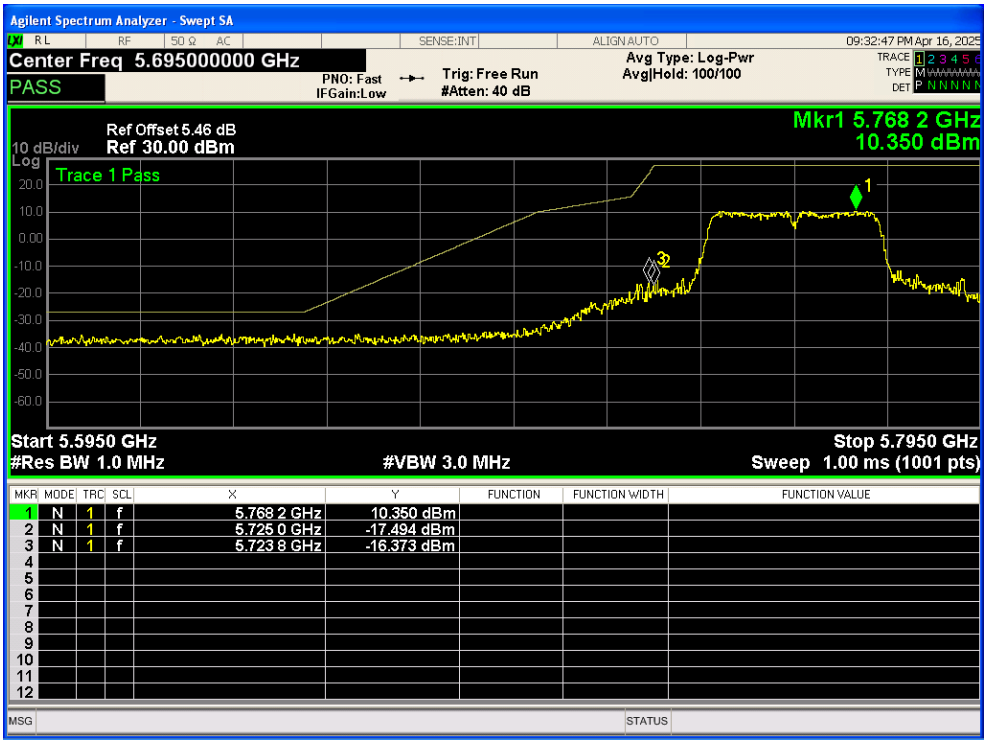


Band Edge NVNT ac40 5755MHz Low Ant1

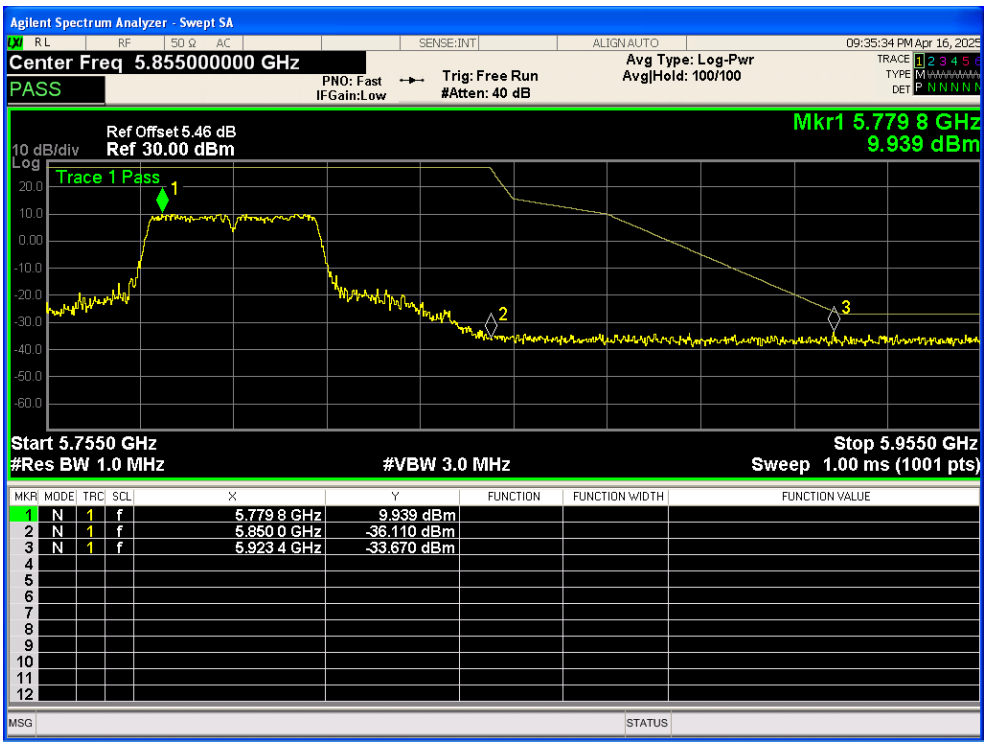


Band Edge NVNT ac40 5795MHz High Ant1

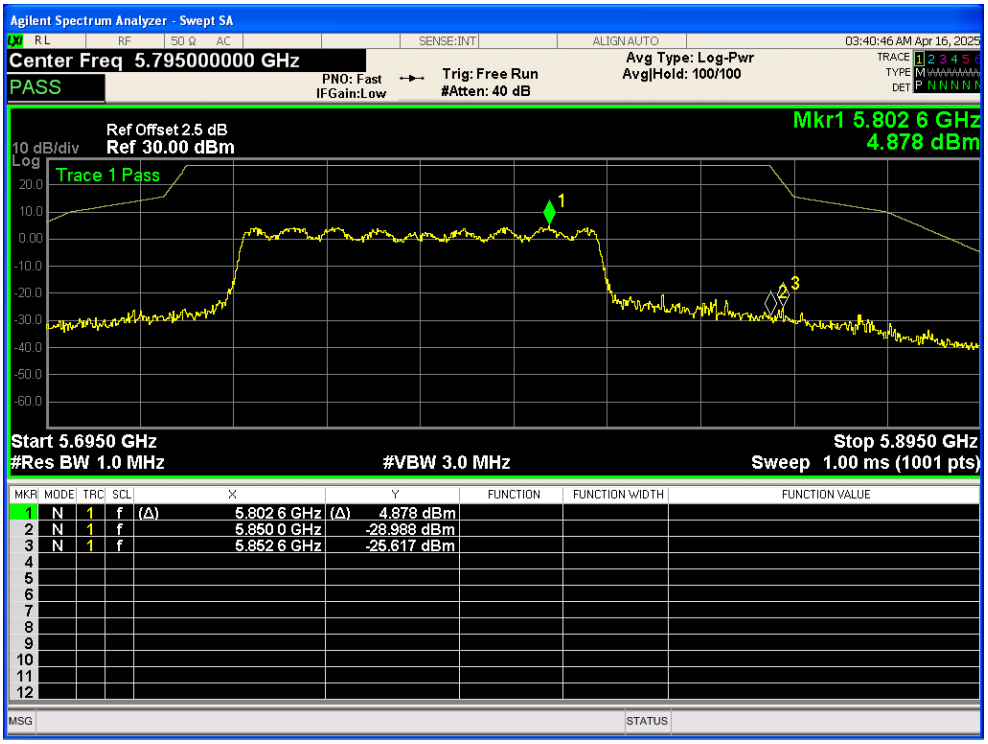
Band Edge NVNT ac40 5755MHz Low Ant2



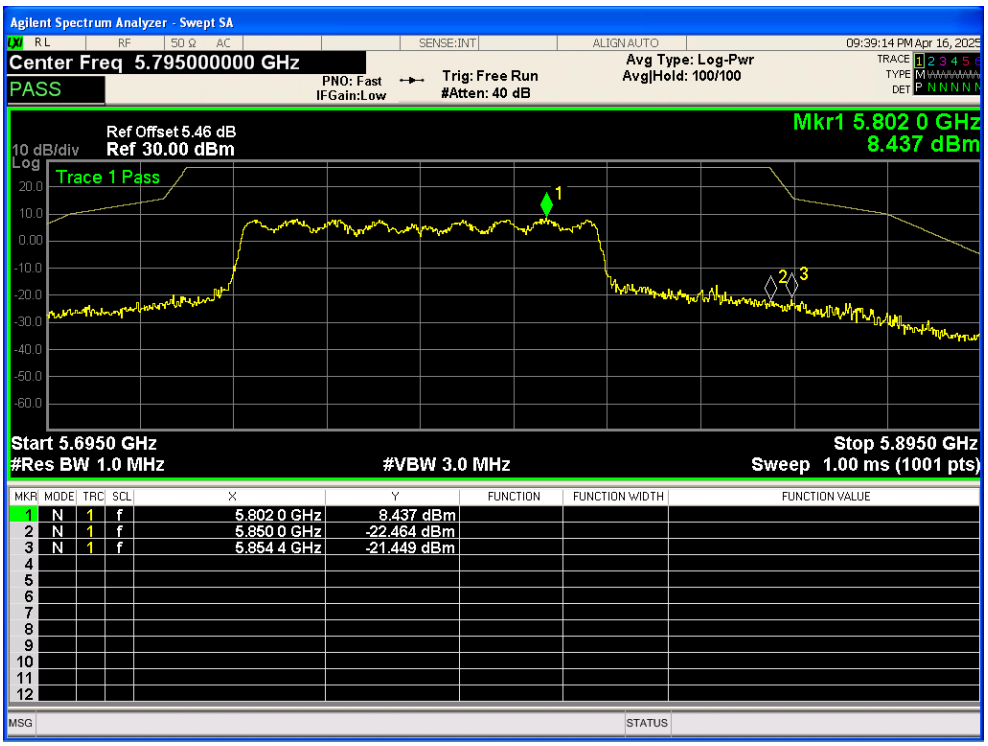
Band Edge NVNT ac40 5795MHz High Ant2



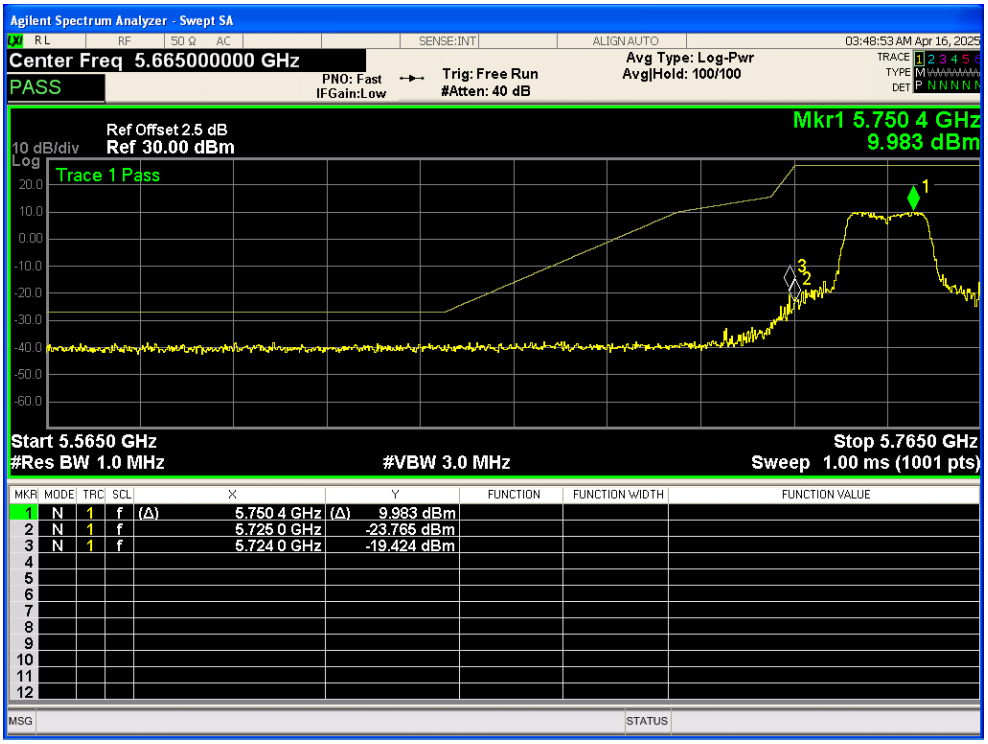
Band Edge NVNT ac80 5775MHz High Ant1



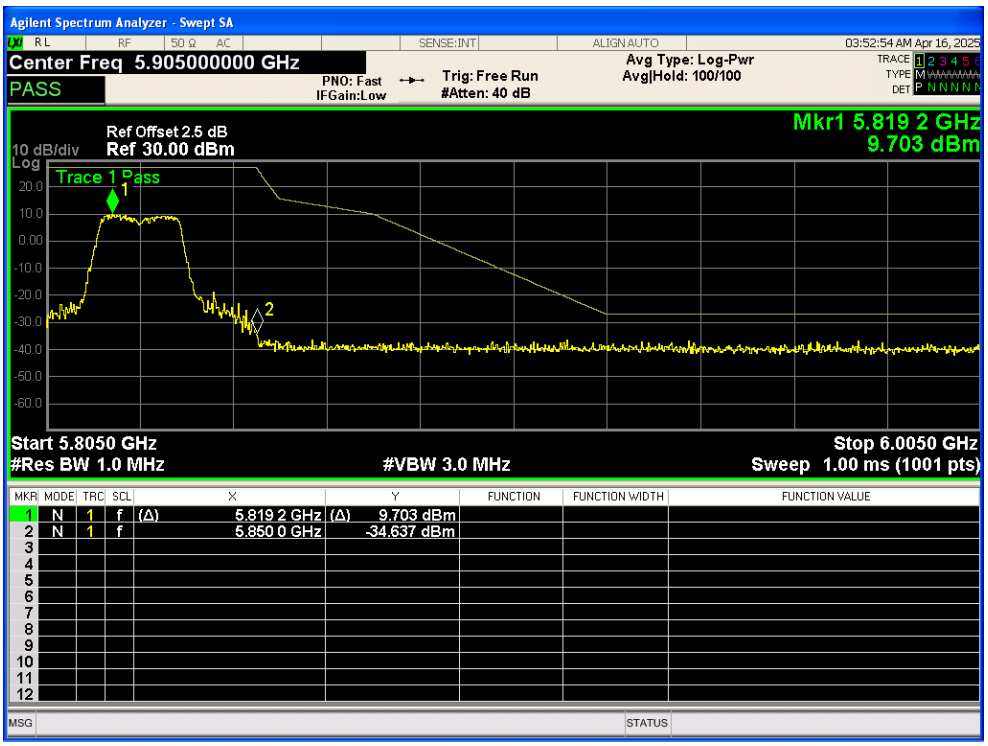
Band Edge NVNT ac80 5775MHz High Ant2



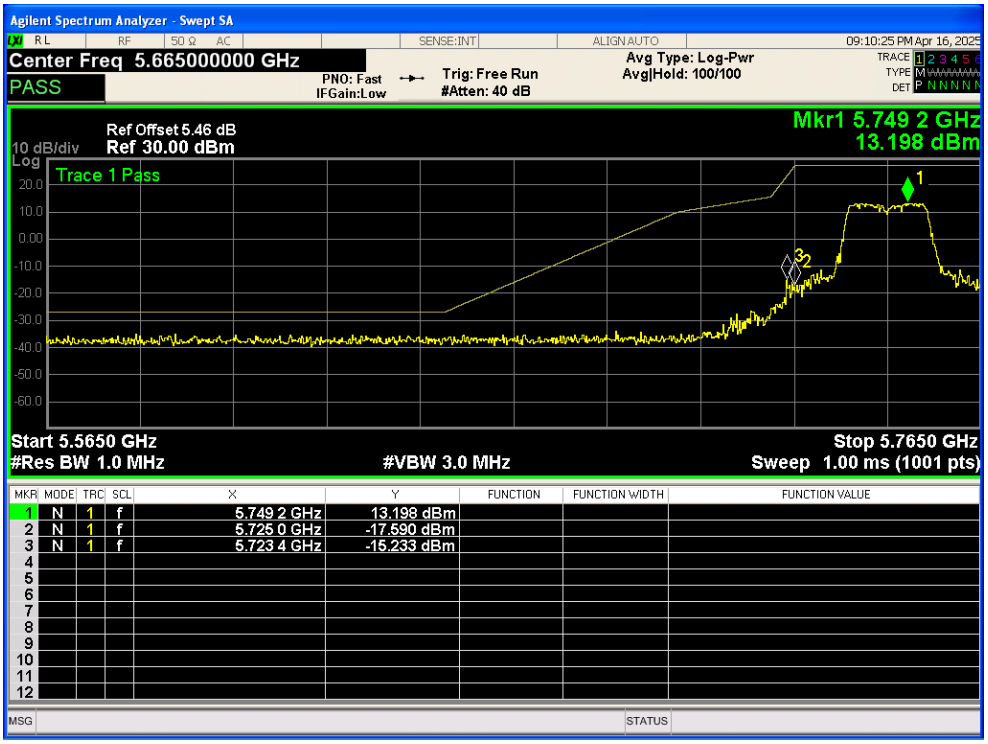
Band Edge NVNT n20 5745MHz Low Ant1



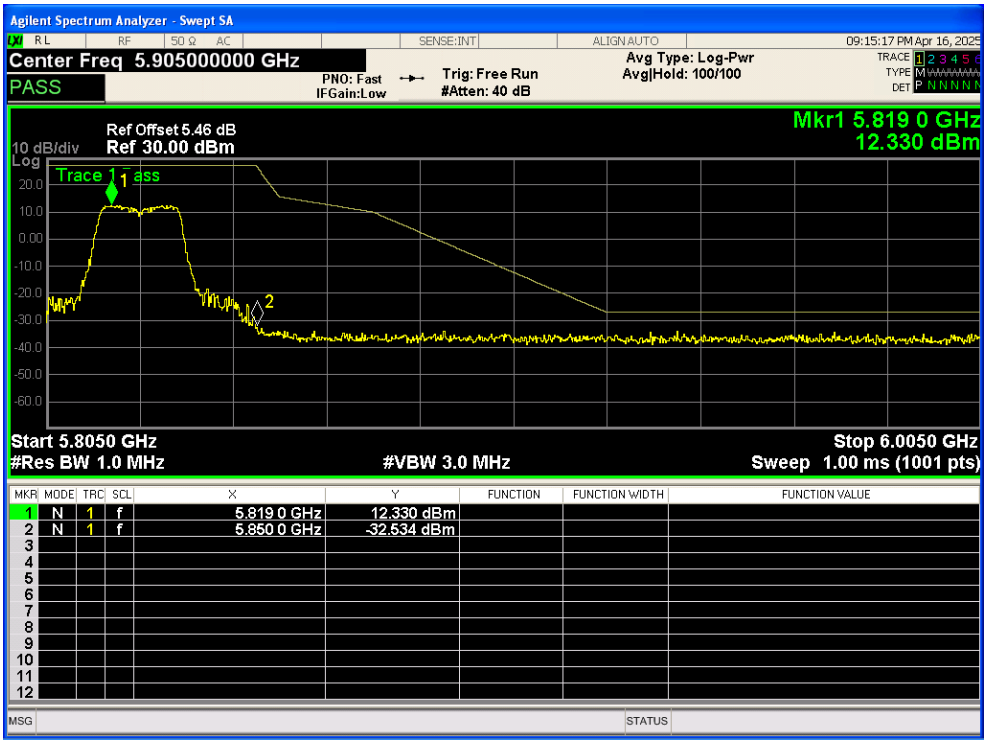
Band Edge NVNT n20 5825MHz High Ant1



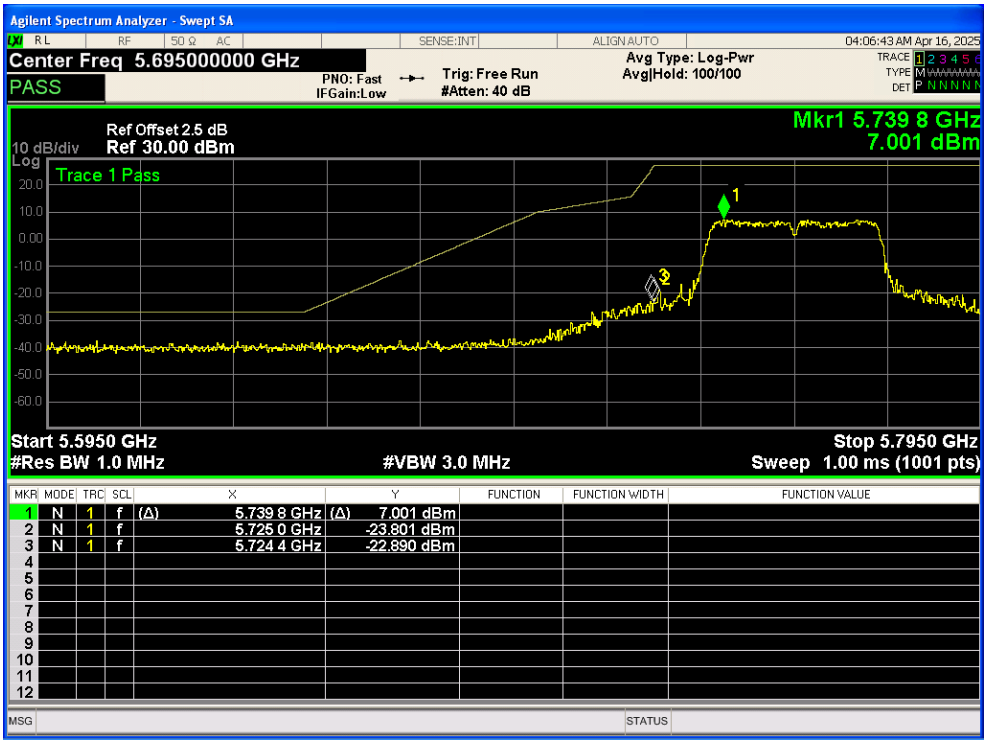
Band Edge NVNT n20 5745MHz Low Ant2



Band Edge NVNT n20 5825MHz High Ant2

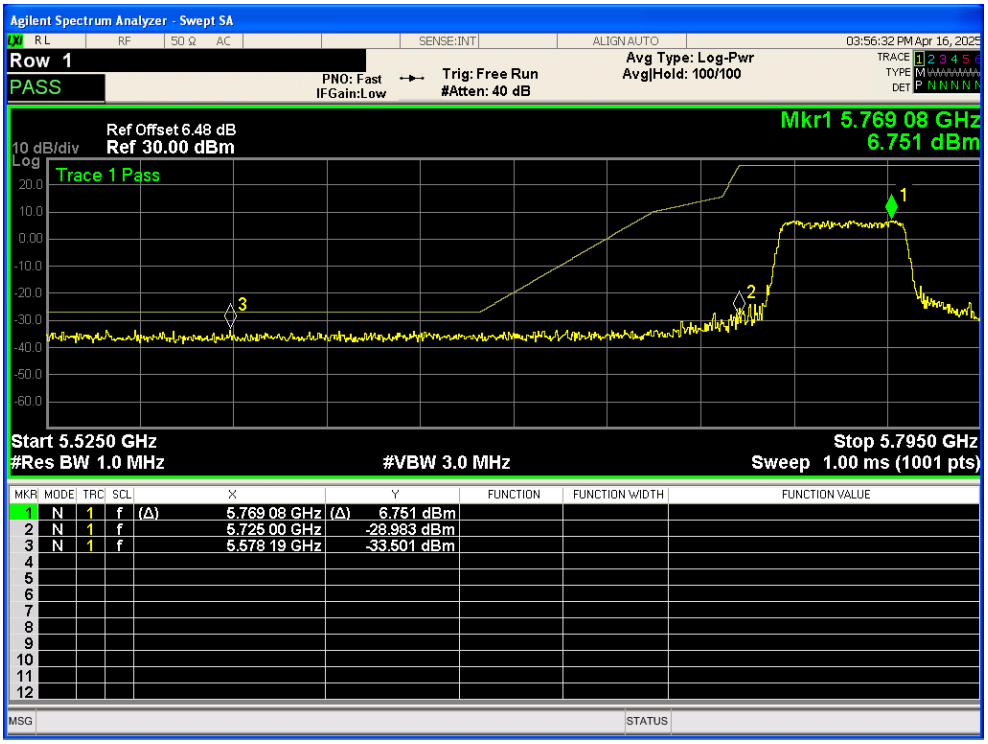


Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1

Band Edge NVNT n40 5755MHz Low Ant2



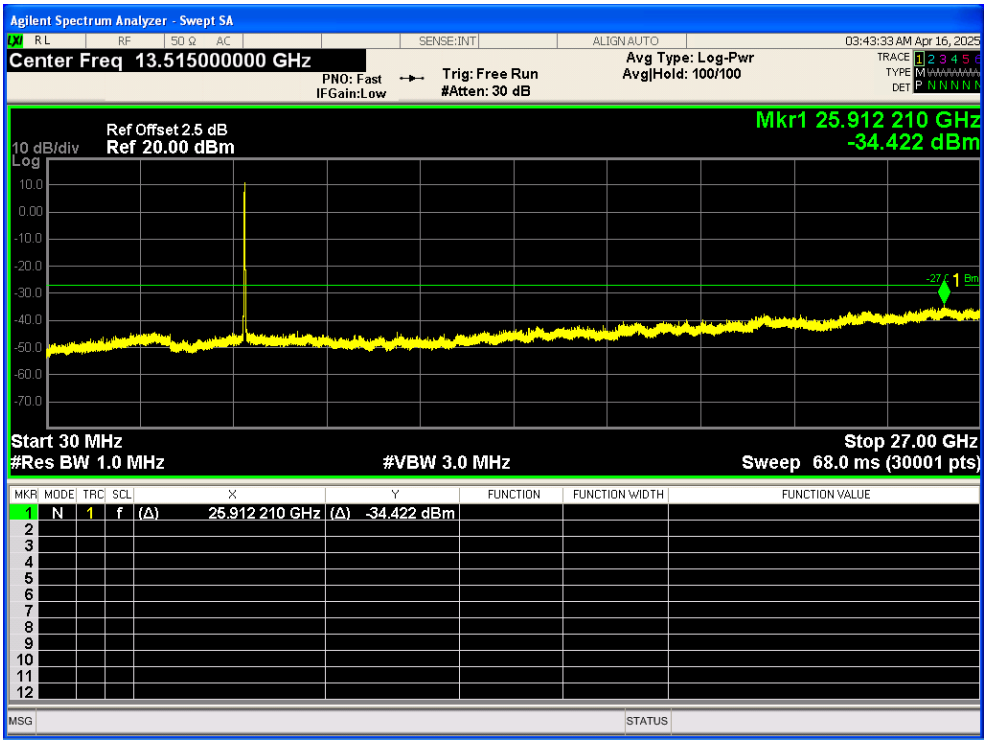
Band Edge NVNT n40 5795MHz High Ant2

Conducted RF Spurious Emission

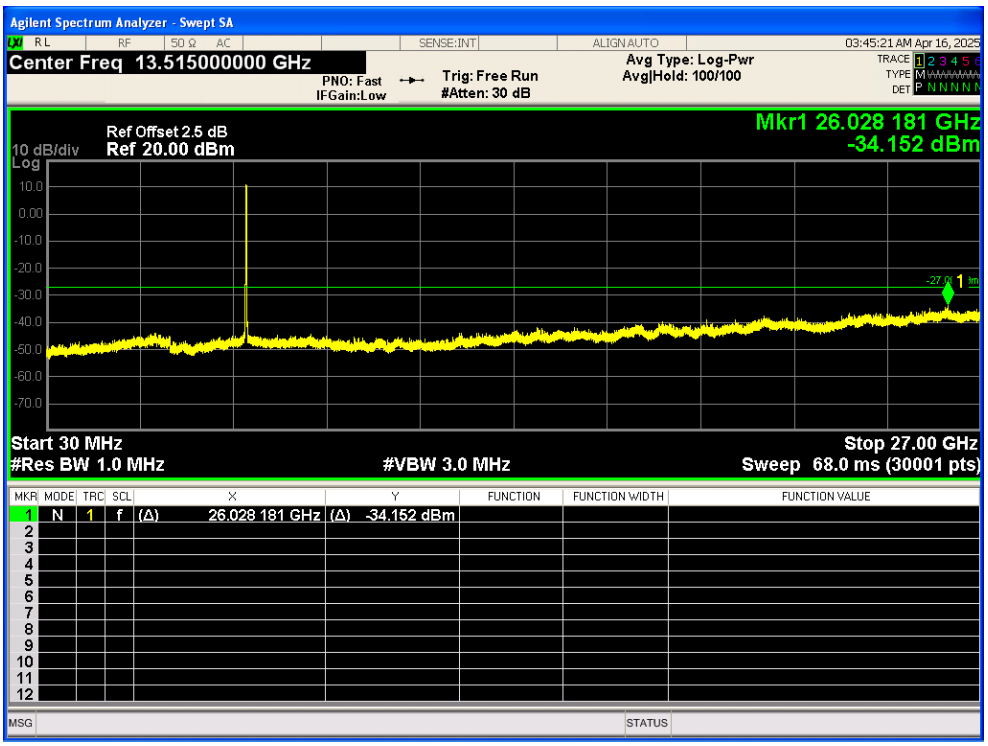
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-34.42	-27	Pass
NVNT	a	5785	Ant1	-34.15	-27	Pass
NVNT	a	5825	Ant1	-33.5	-27	Pass

NVNT	a	5745	Ant2	-31.52	-27	Pass
NVNT	a	5785	Ant2	-32.04	-27	Pass
NVNT	a	5825	Ant2	-31.41	-27	Pass
NVNT	ac20	5745	Ant1	-34.09	-27	Pass
NVNT	ac20	5785	Ant1	-34.15	-27	Pass
NVNT	ac20	5825	Ant1	-33.75	-27	Pass
NVNT	ac20	5745	Ant2	-31.47	-27	Pass
NVNT	ac20	5785	Ant2	-31.82	-27	Pass
NVNT	ac20	5825	Ant2	-31.36	-27	Pass
NVNT	ac40	5755	Ant1	-34.47	-27	Pass
NVNT	ac40	5795	Ant1	-34.63	-27	Pass
NVNT	ac40	5755	Ant2	-30.17	-27	Pass
NVNT	ac40	5795	Ant2	-31.62	-27	Pass
NVNT	ac80	5775	Ant1	-34.9	-27	Pass
NVNT	ac80	5775	Ant2	-31.51	-27	Pass
NVNT	n20	5745	Ant1	-34.14	-27	Pass
NVNT	n20	5785	Ant1	-34.14	-27	Pass
NVNT	n20	5825	Ant1	-34.11	-27	Pass
NVNT	n20	5745	Ant2	-30.77	-27	Pass
NVNT	n20	5785	Ant2	-31.42	-27	Pass
NVNT	n20	5825	Ant2	-30.88	-27	Pass
NVNT	n40	5755	Ant1	-34.04	-27	Pass
NVNT	n40	5795	Ant1	-34.48	-27	Pass
NVNT	n40	5755	Ant2	-30.23	-27	Pass
NVNT	n40	5795	Ant2	-30.72	-27	Pass

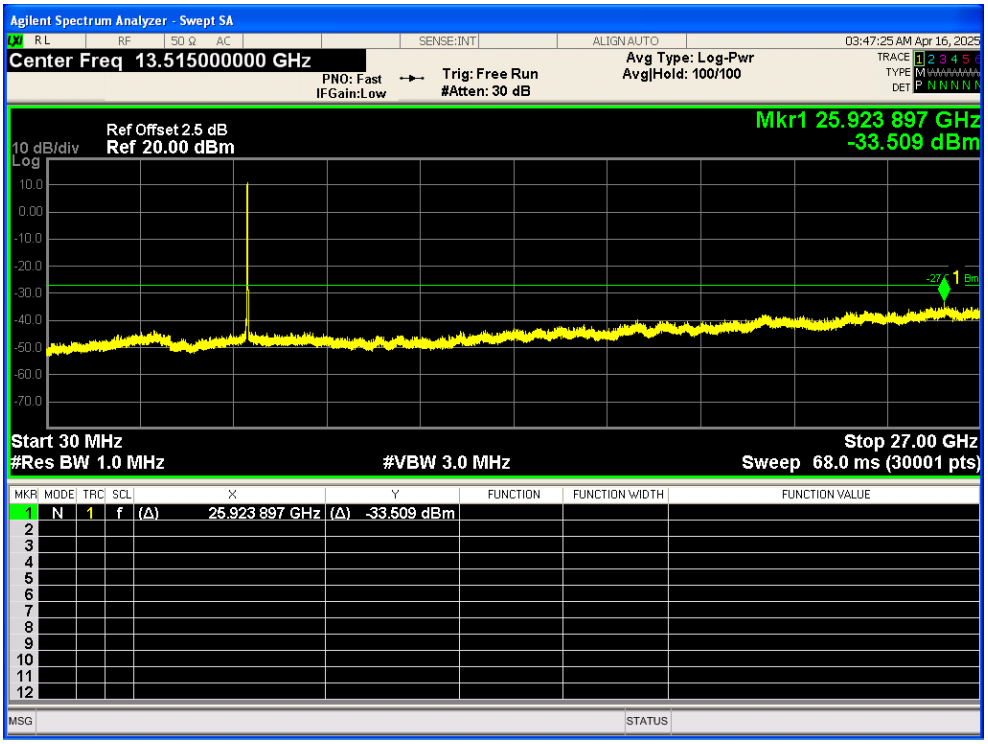
Tx. Spurious NVNT a 5745MHz Ant1 Emission



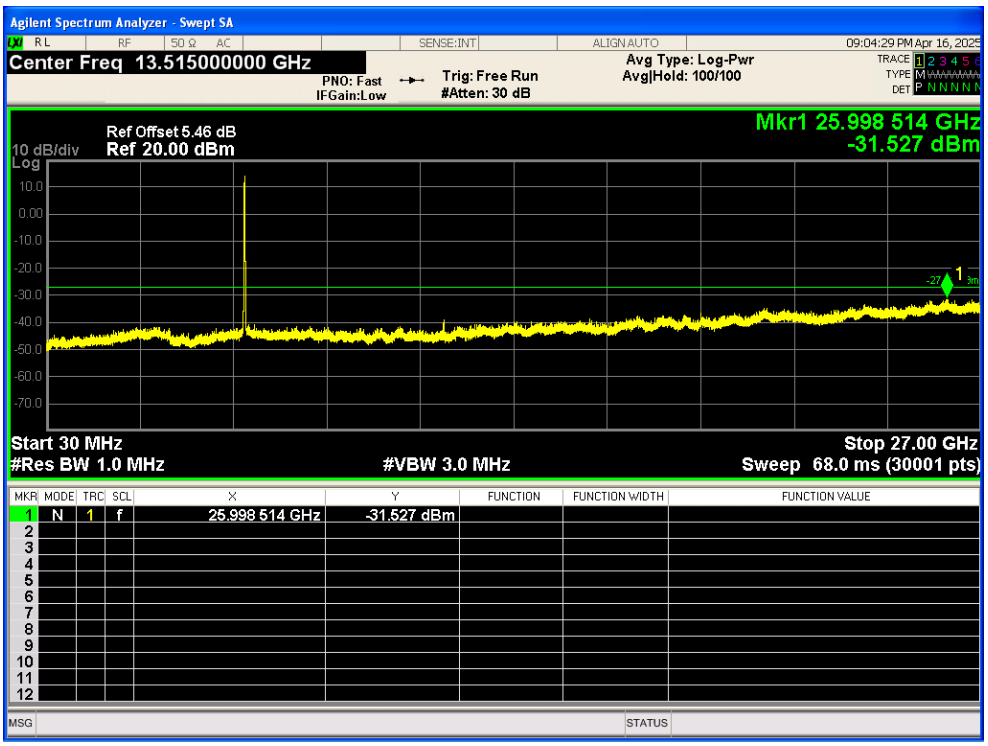
Tx. Spurious NVNT a 5785MHz Ant1 Emission



Tx. Spurious NVNT a 5825MHz Ant1 Emission



Tx. Spurious NVNT a 5745MHz Ant2 Emission



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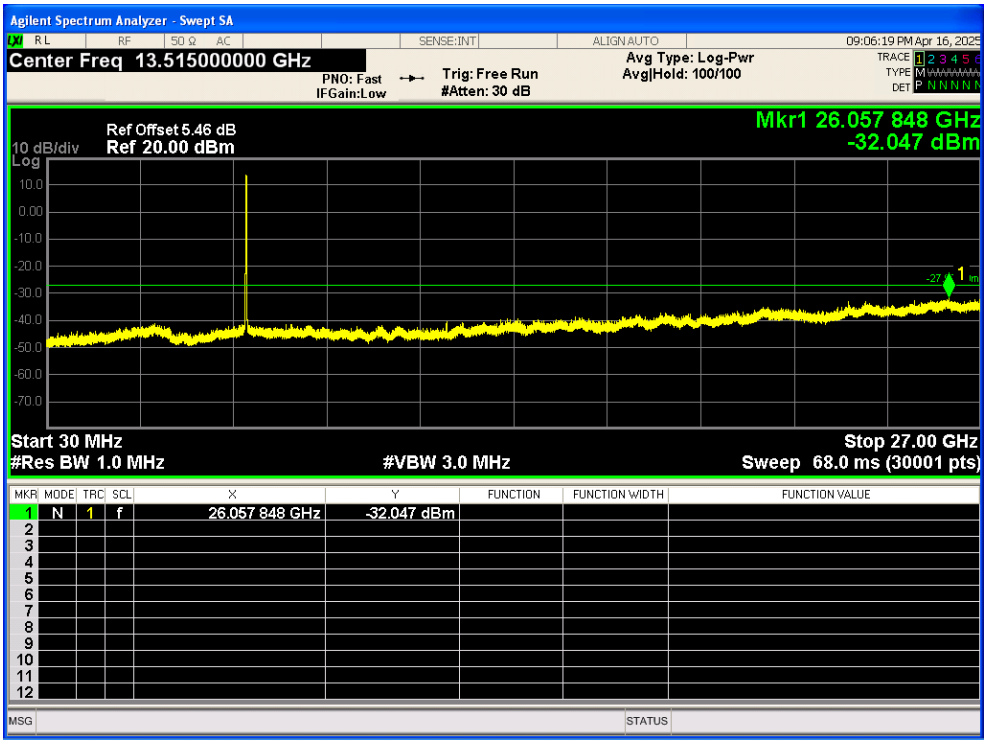
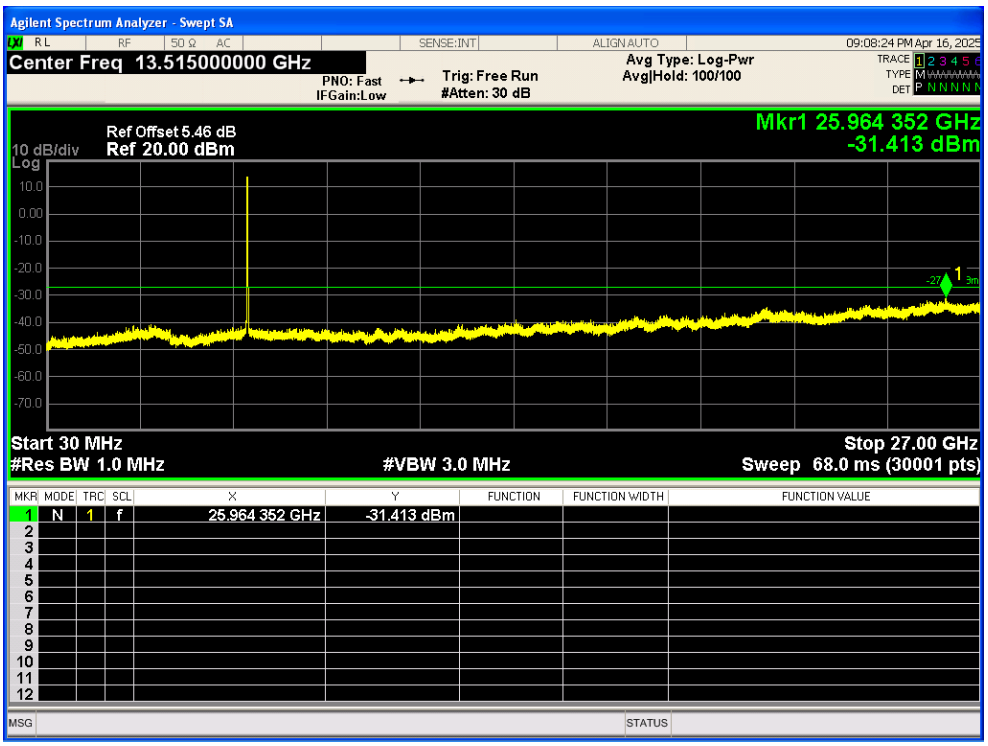


Tx. Spurious NVNT a 5825MHz Ant2 Emission



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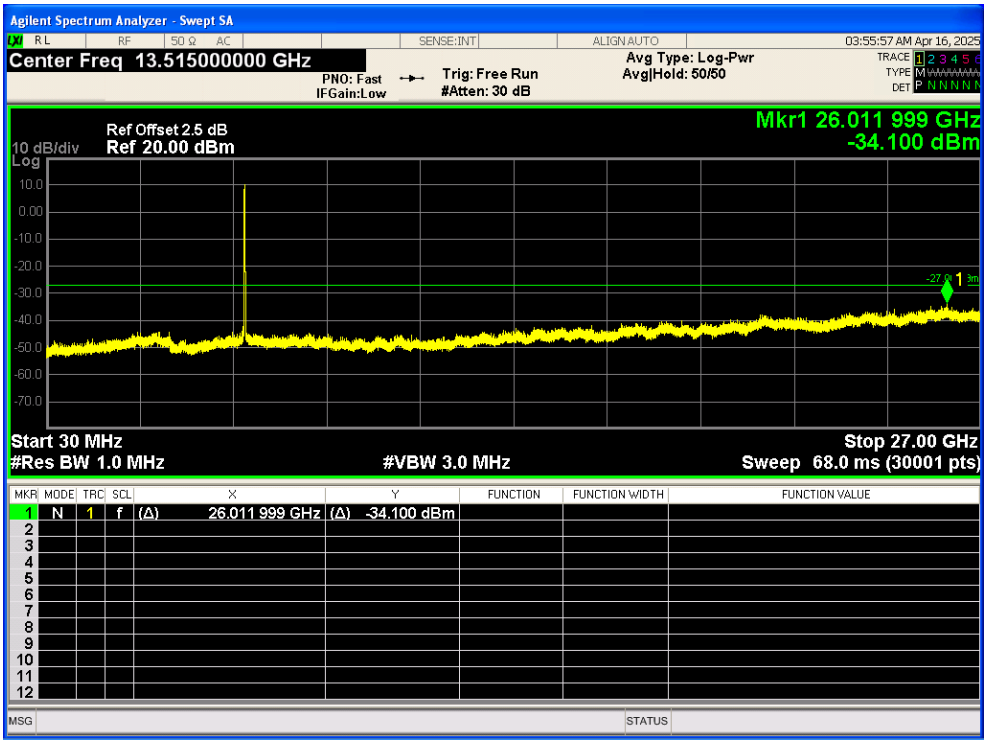

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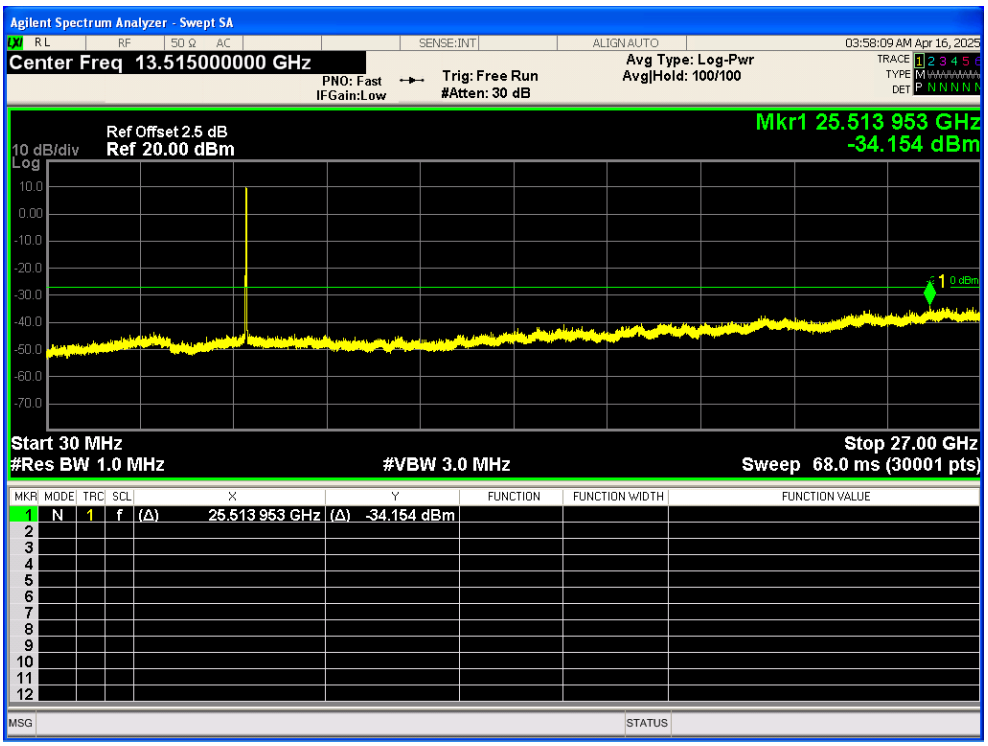

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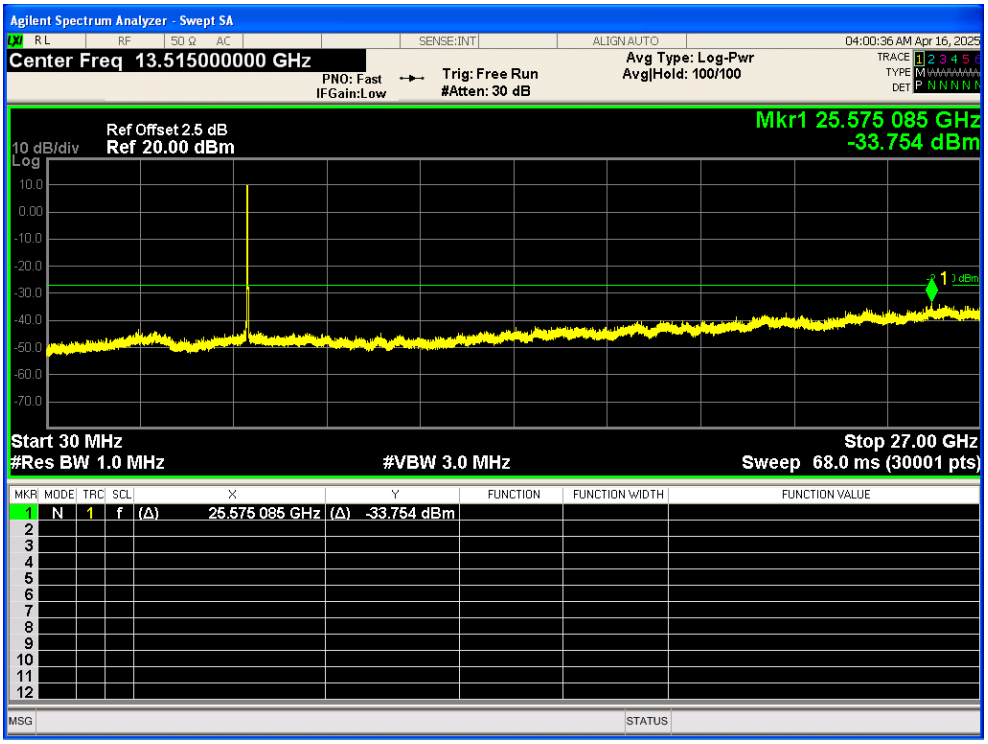

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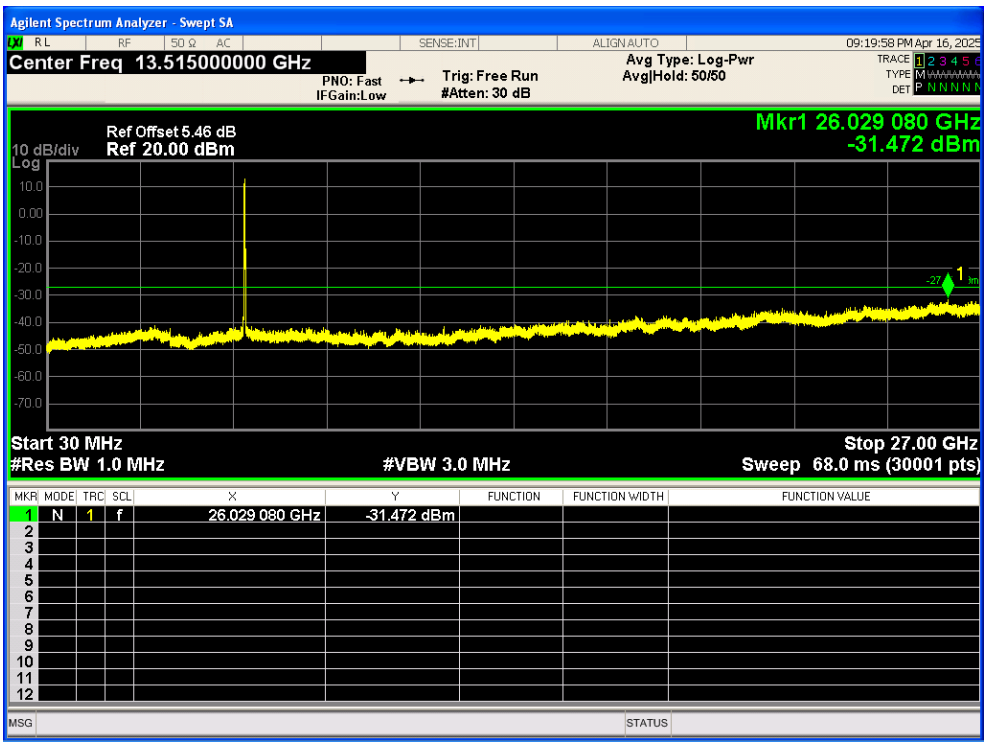
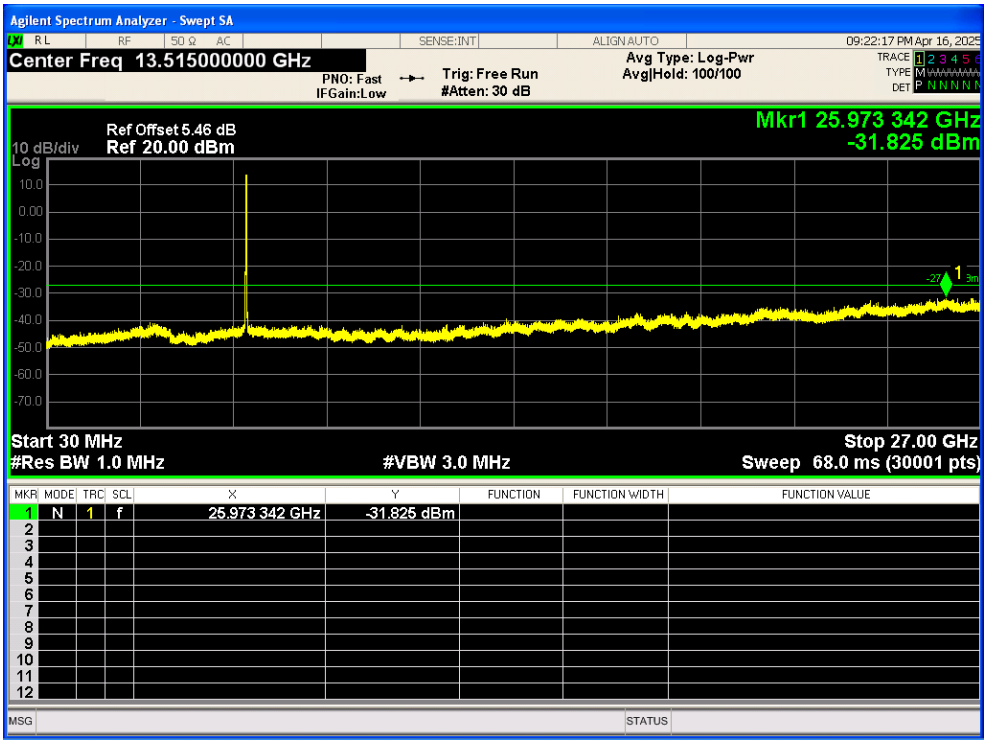
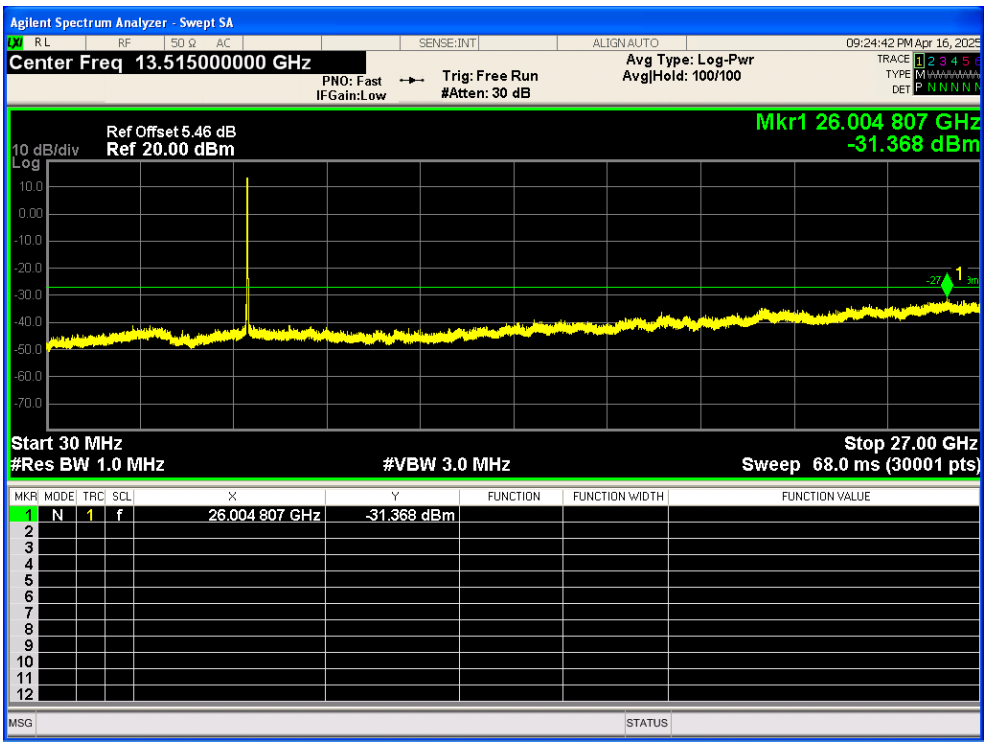


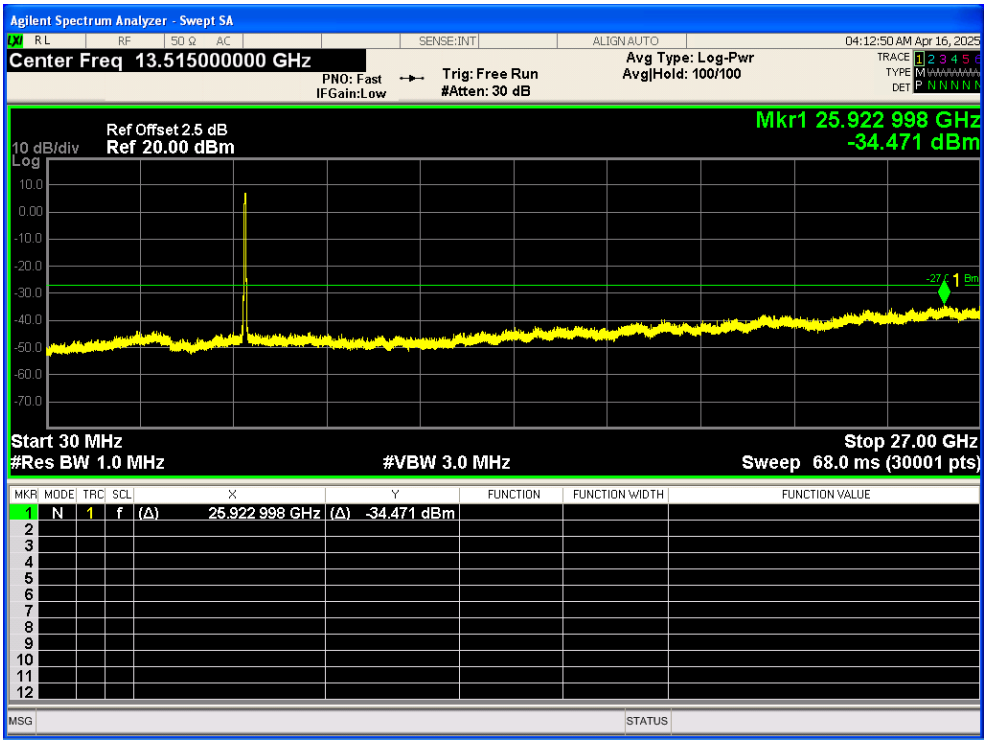
Tx. Spurious NVNT ac20 5785MHz Ant2 Emission



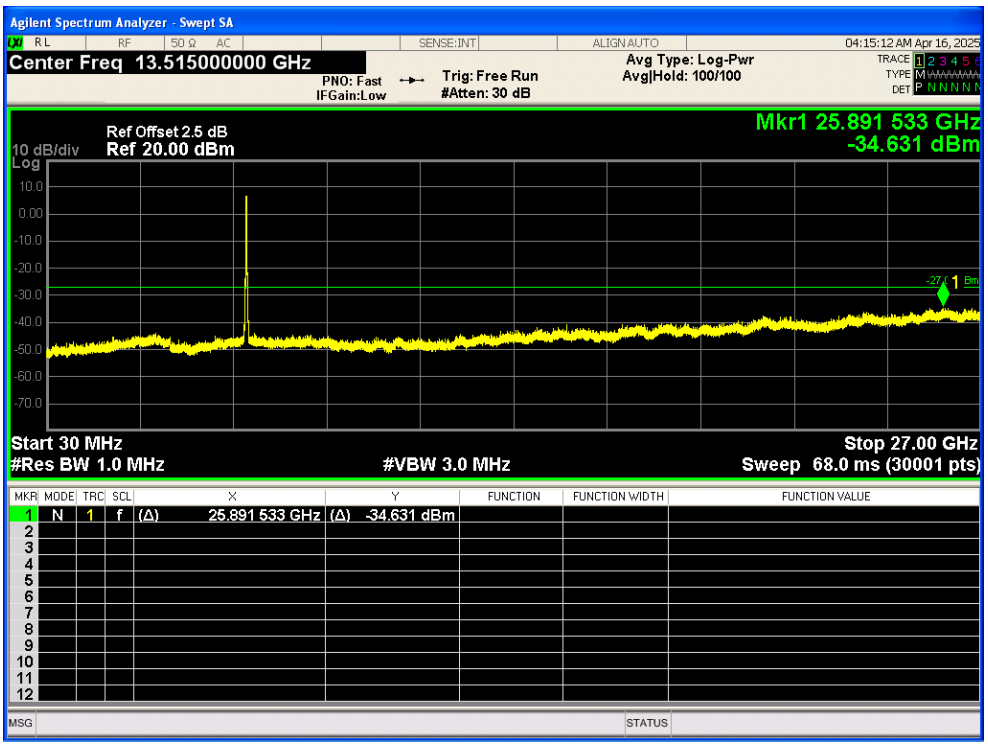
Tx. Spurious NVNT ac20 5825MHz Ant2 Emission



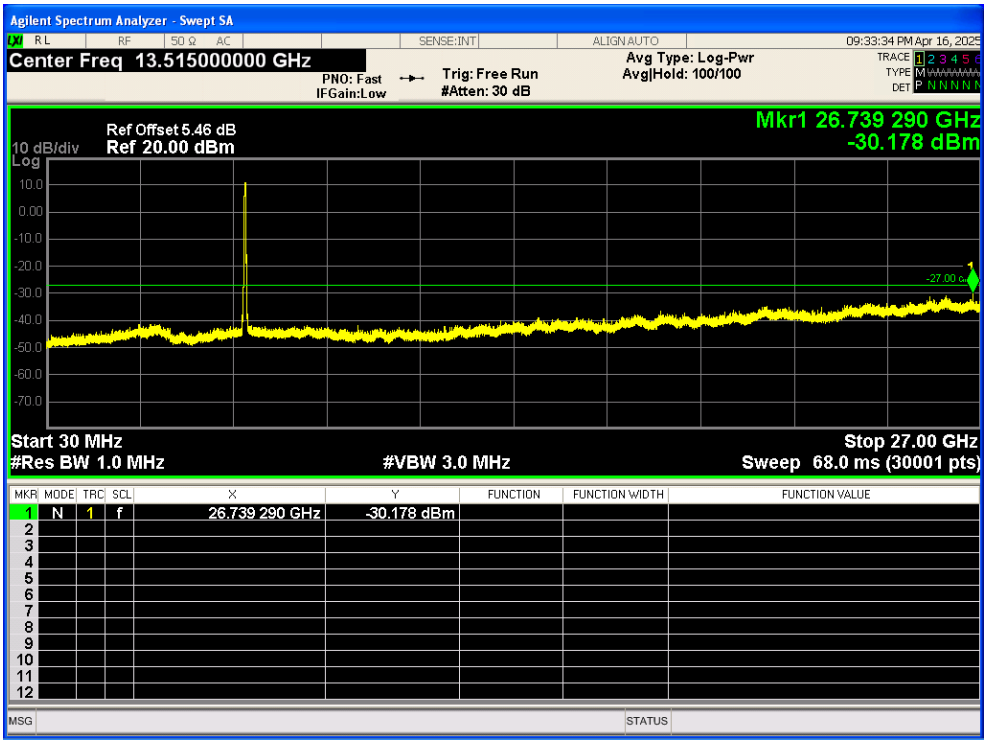
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant2 Emission



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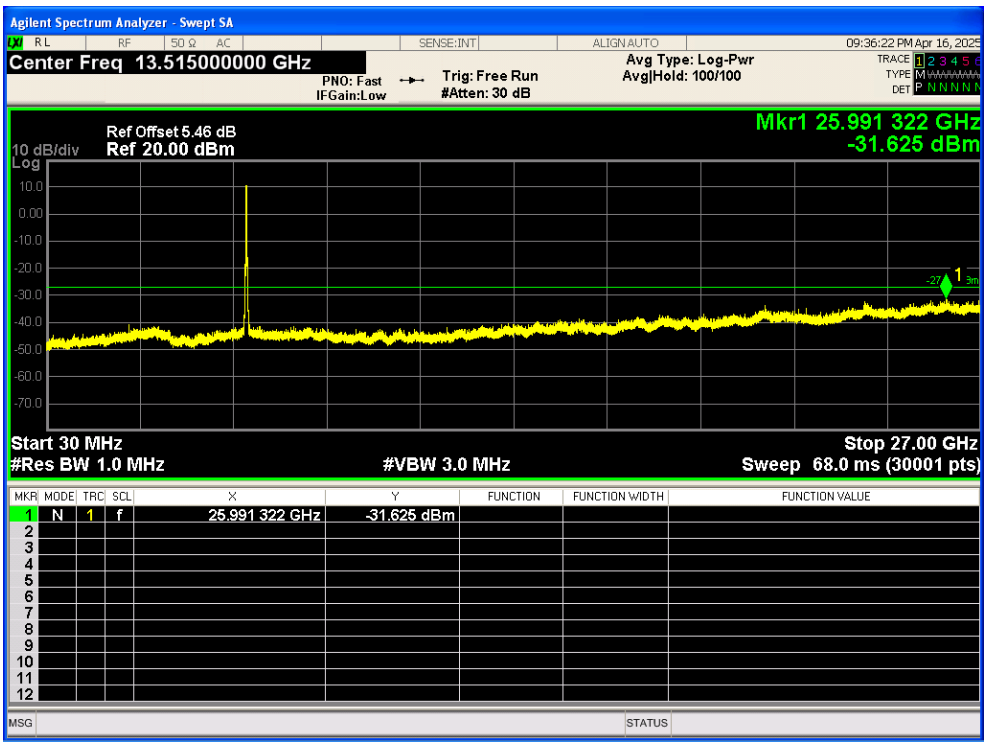
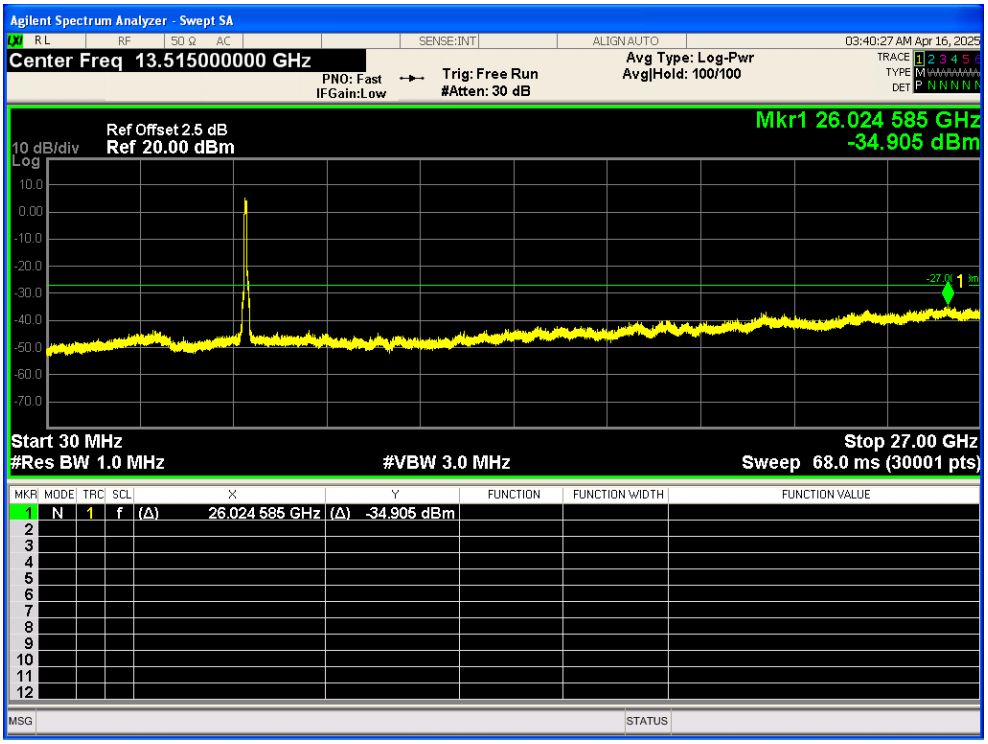
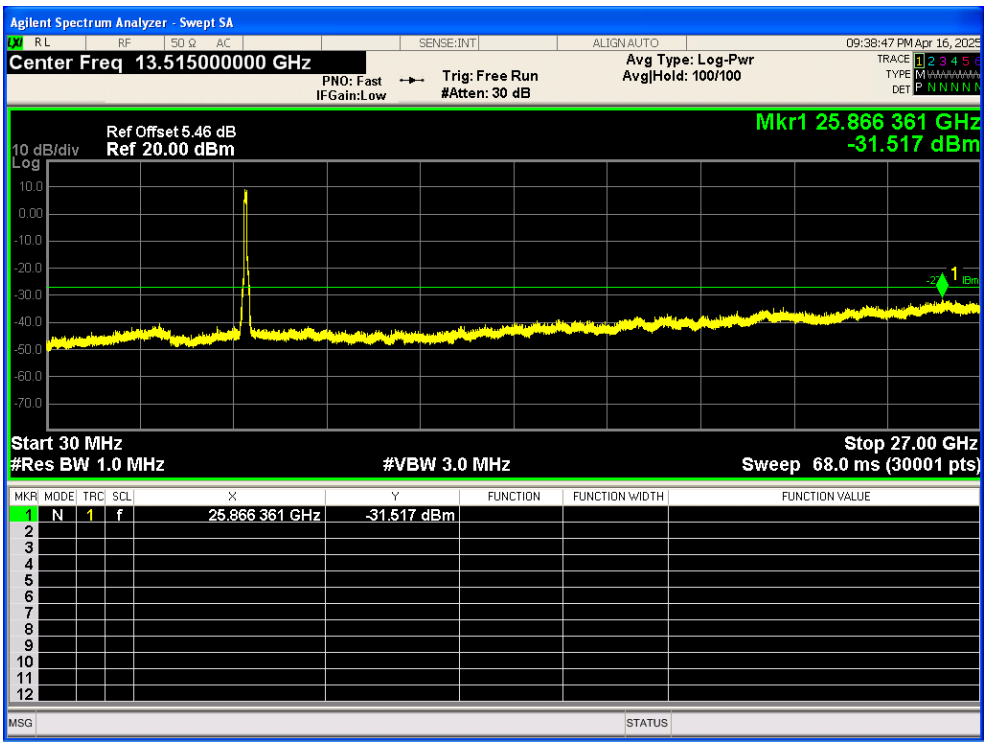


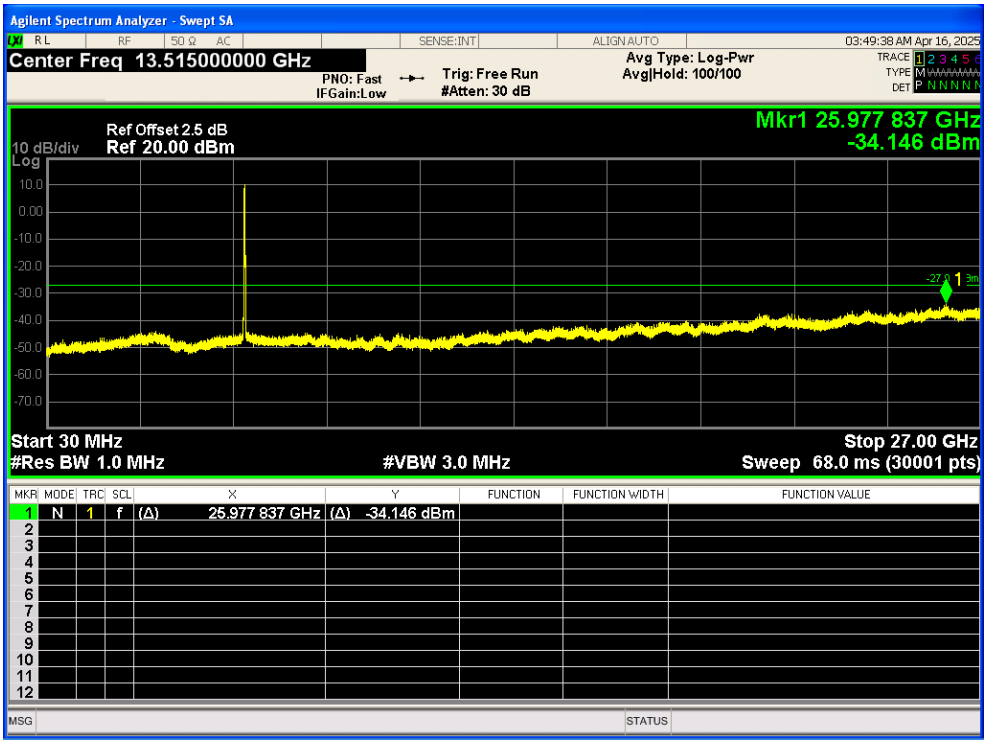
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant2 Emission



Tx. Spurious NVNT n20 5745MHz Ant1 Emission



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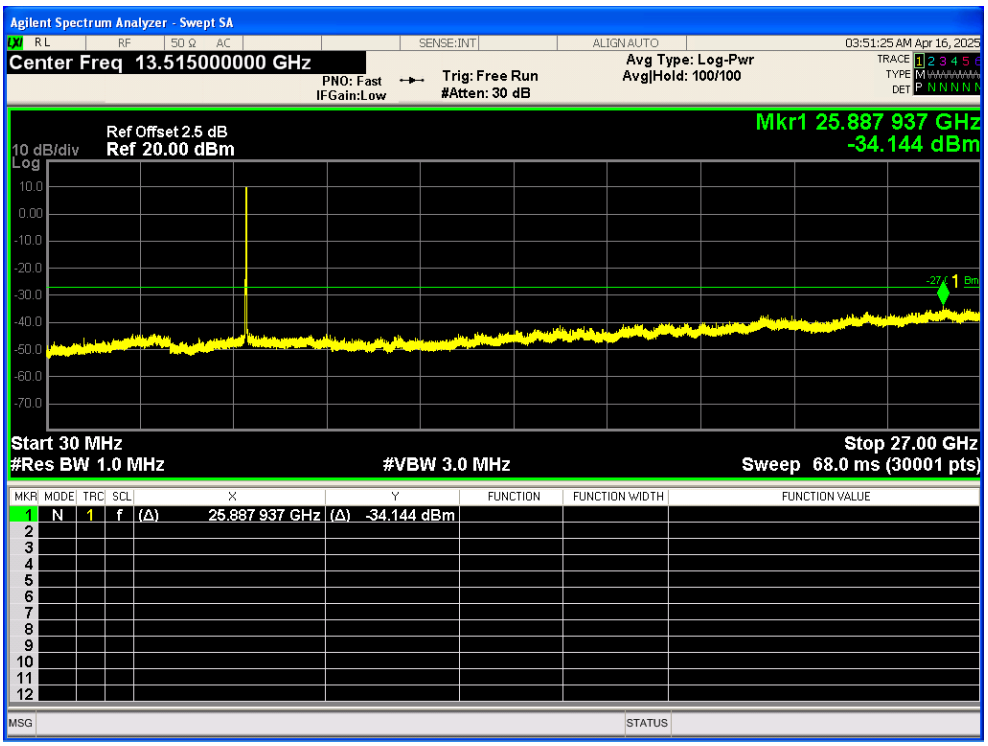

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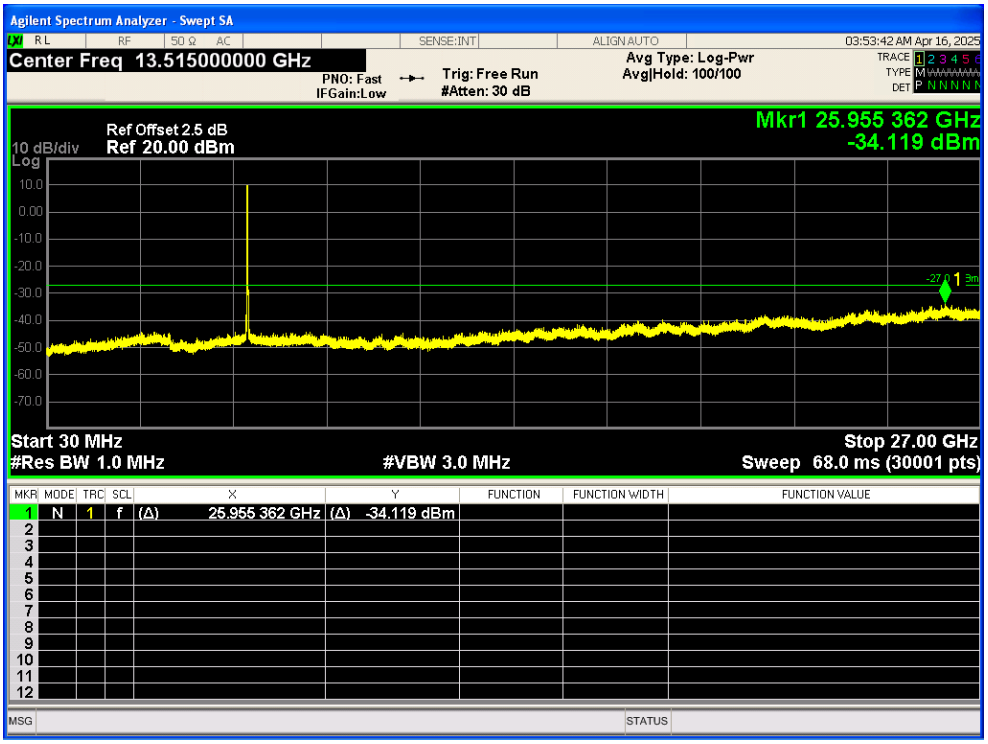

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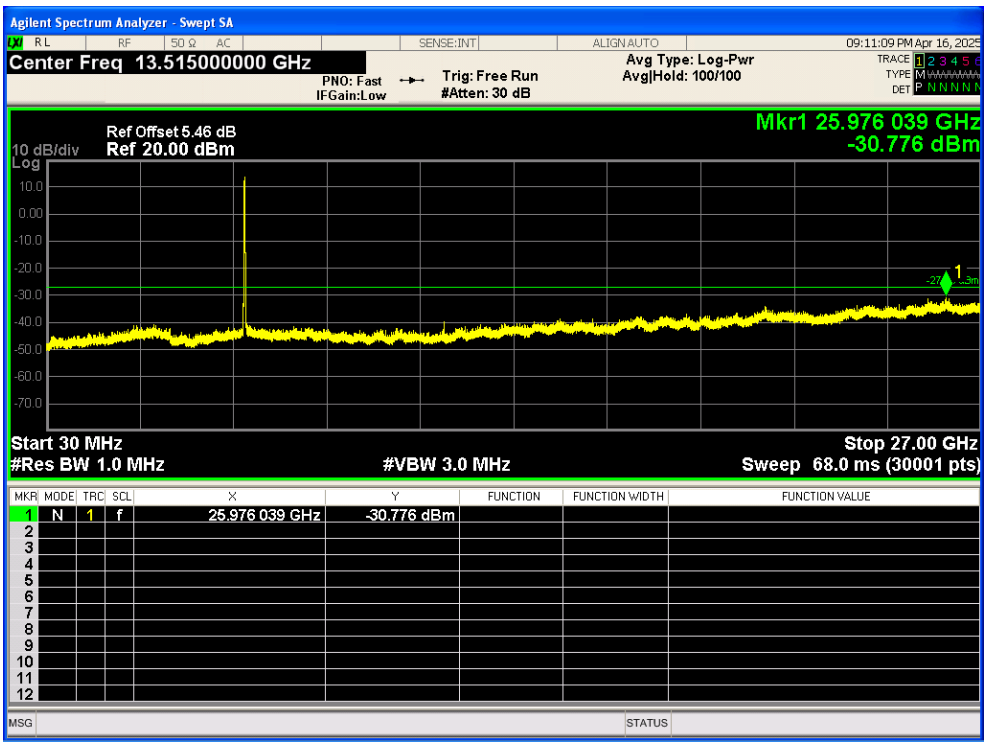

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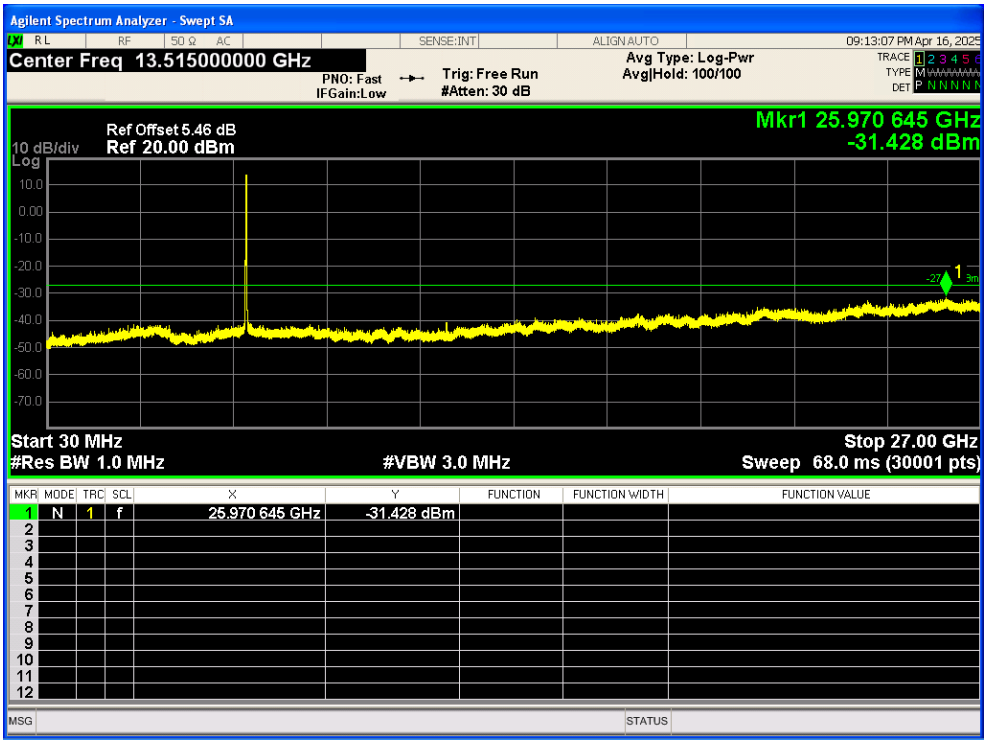

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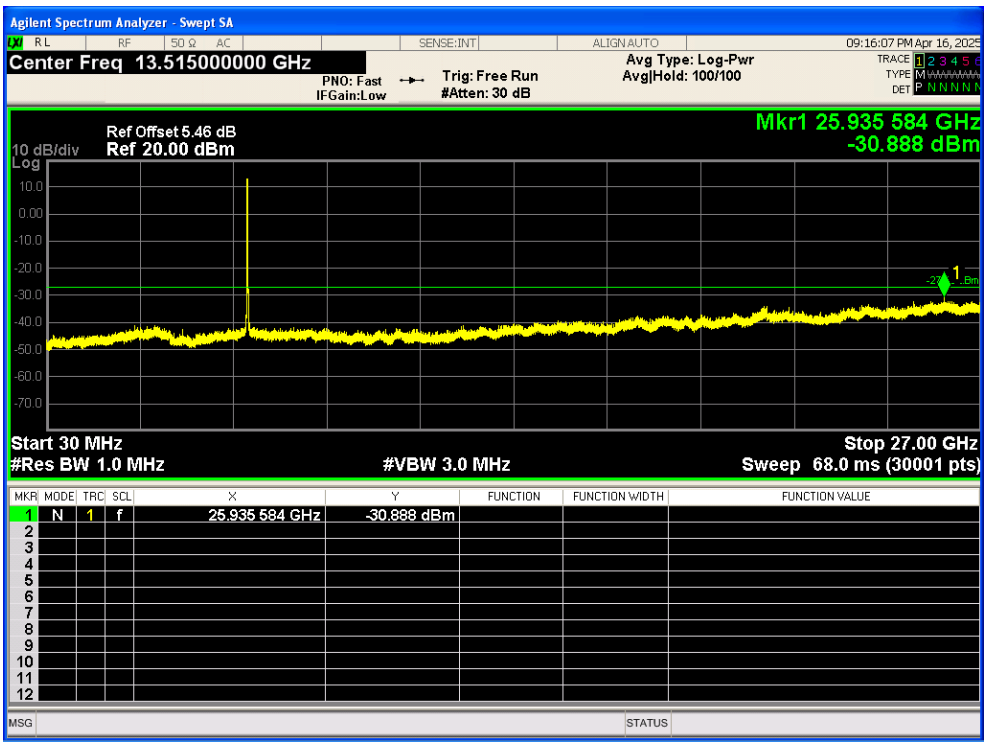

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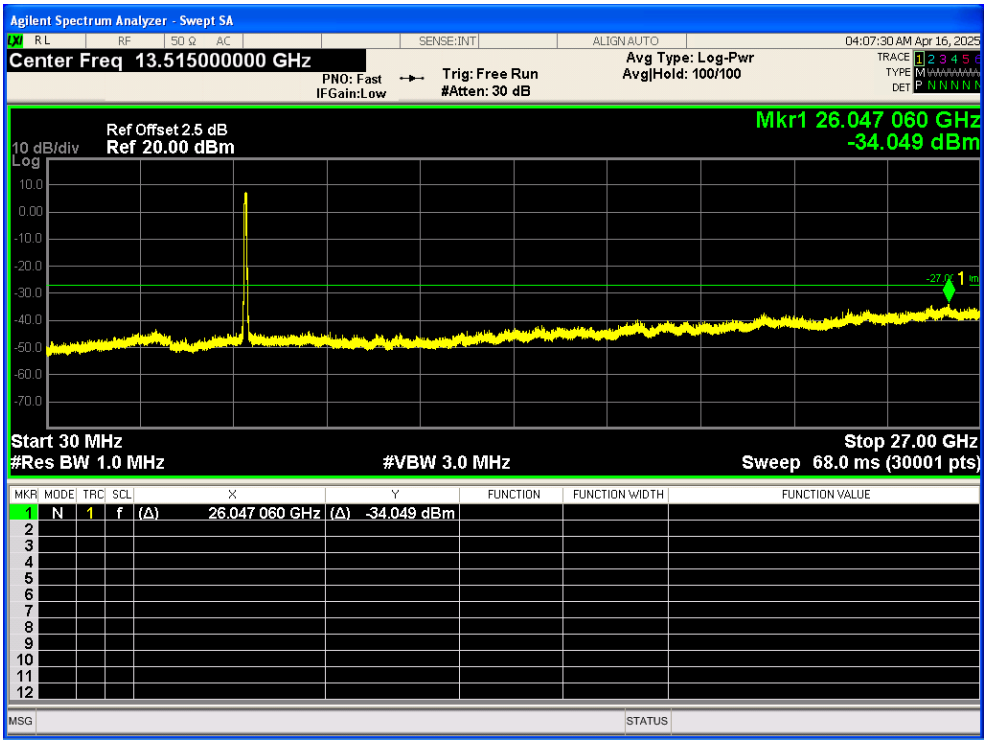

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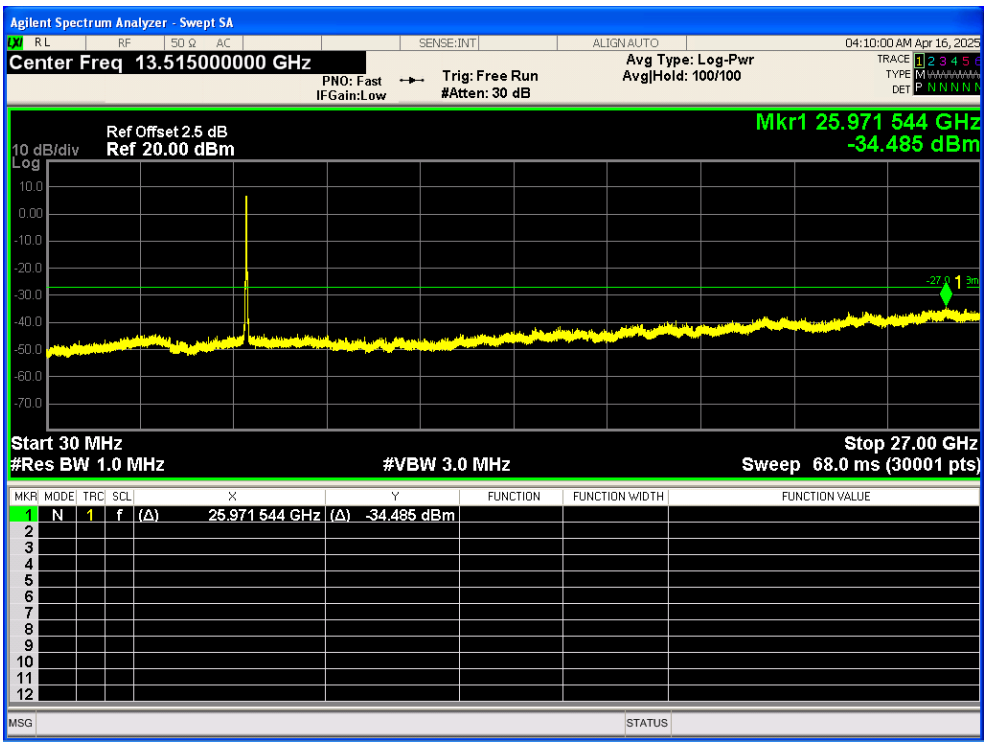

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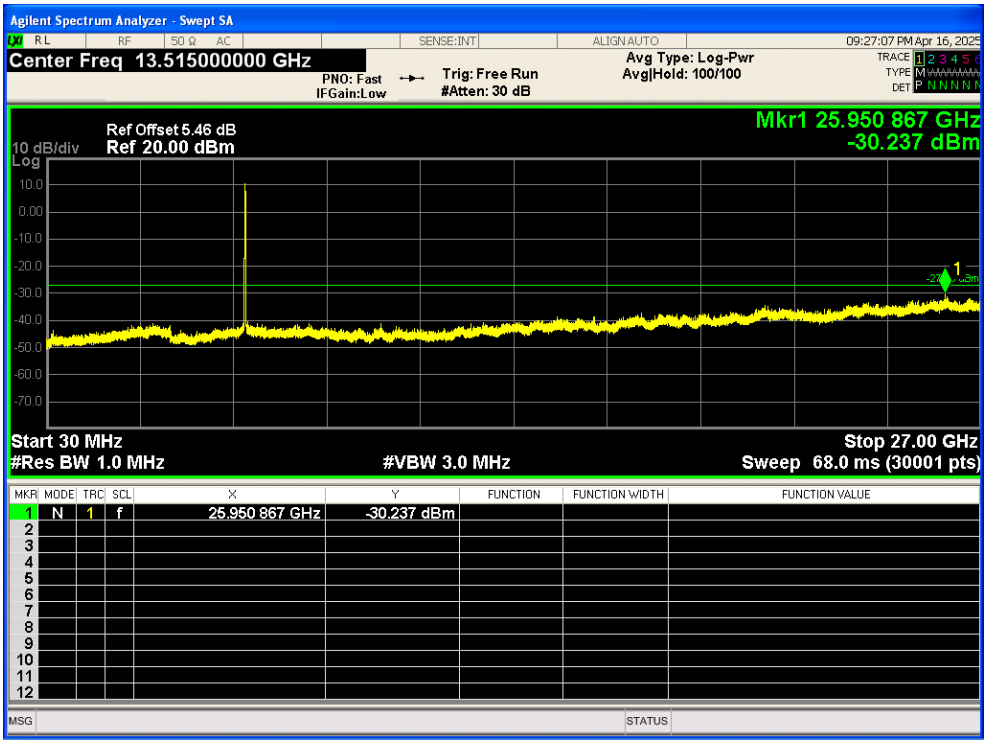
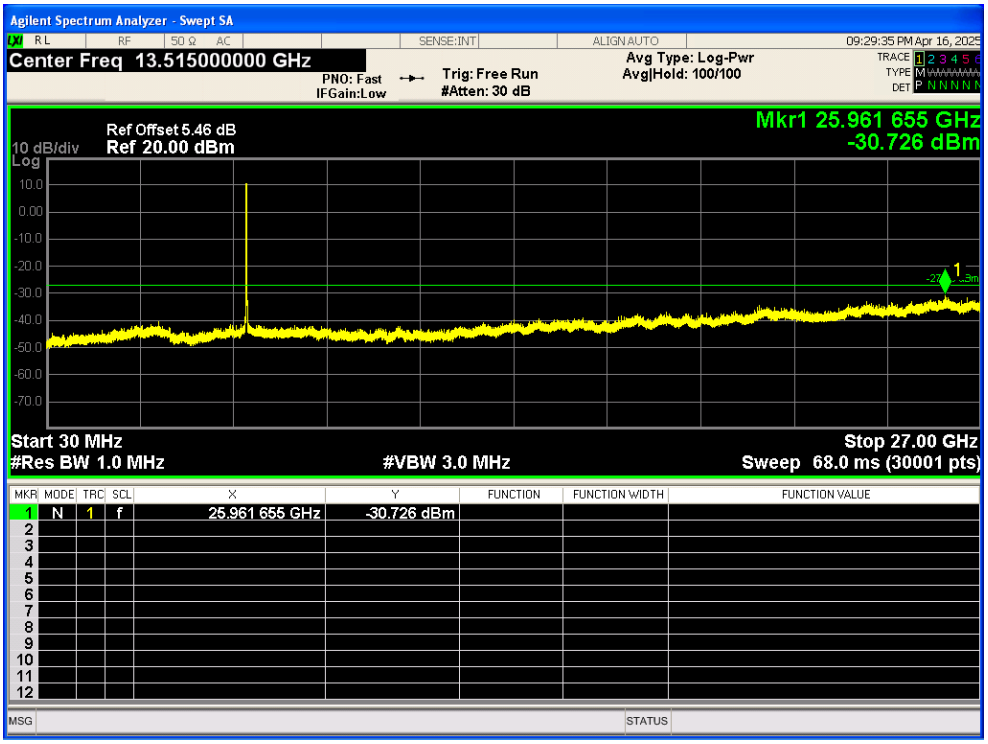


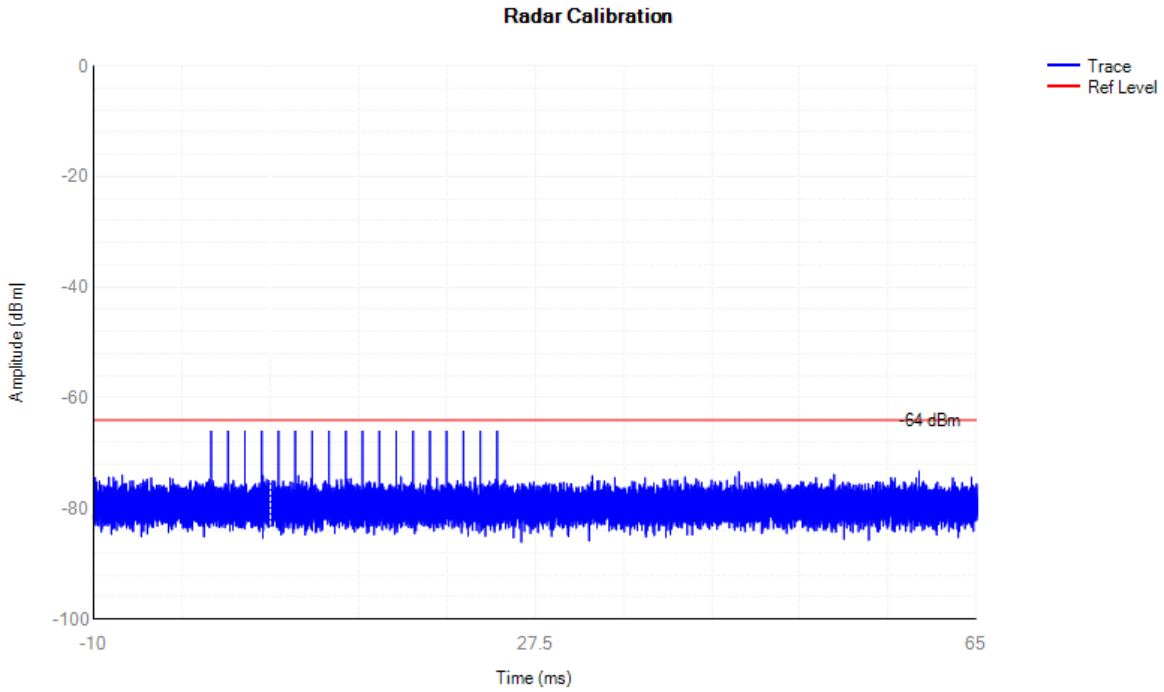
Tx. Spurious NVNT n40 5795MHz Ant2 Emission



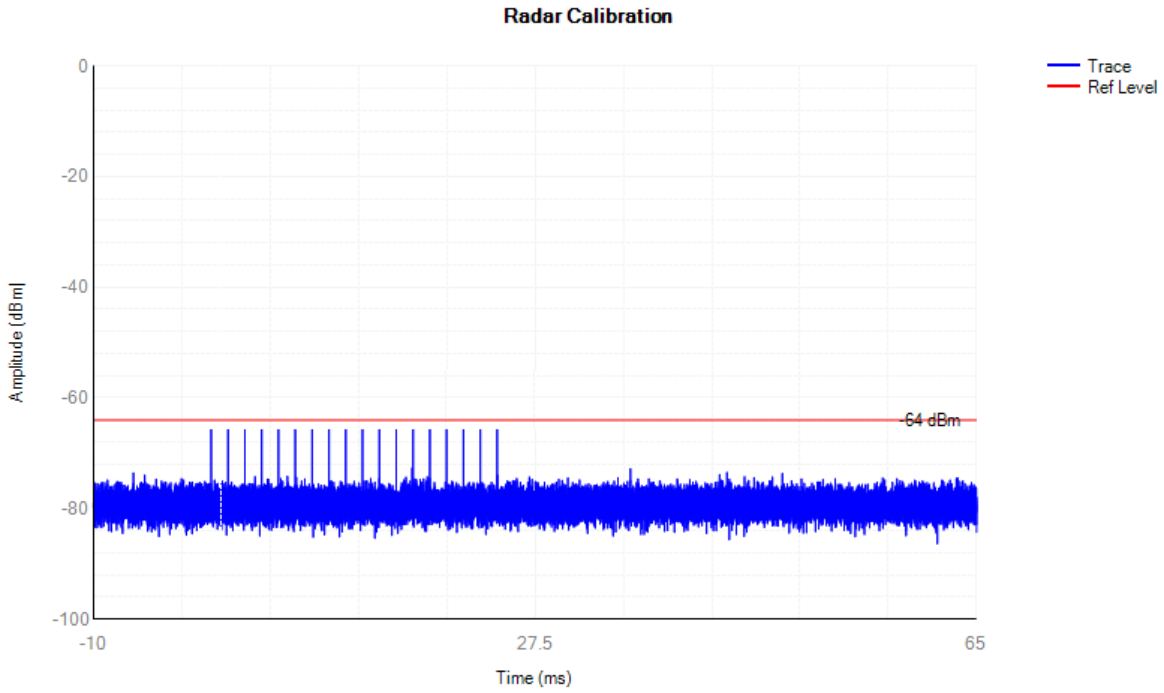
DFS

Calibration

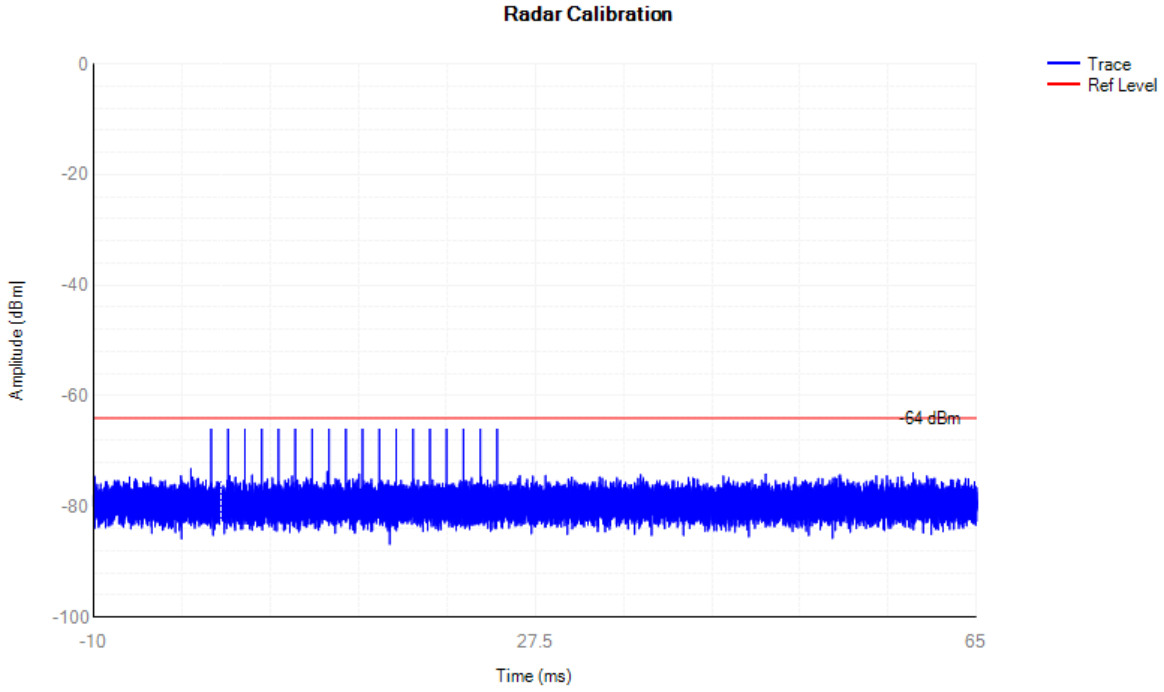
5260MHz a DFS_FCC_T0



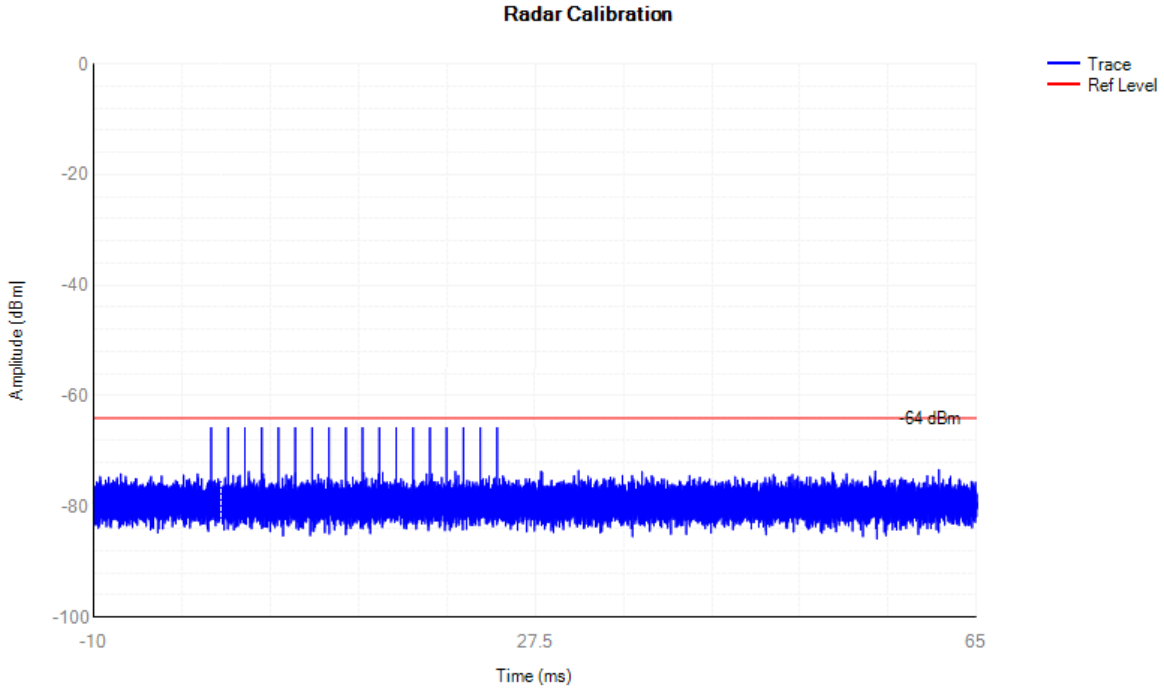
5500MHz a DFS_FCC_T0



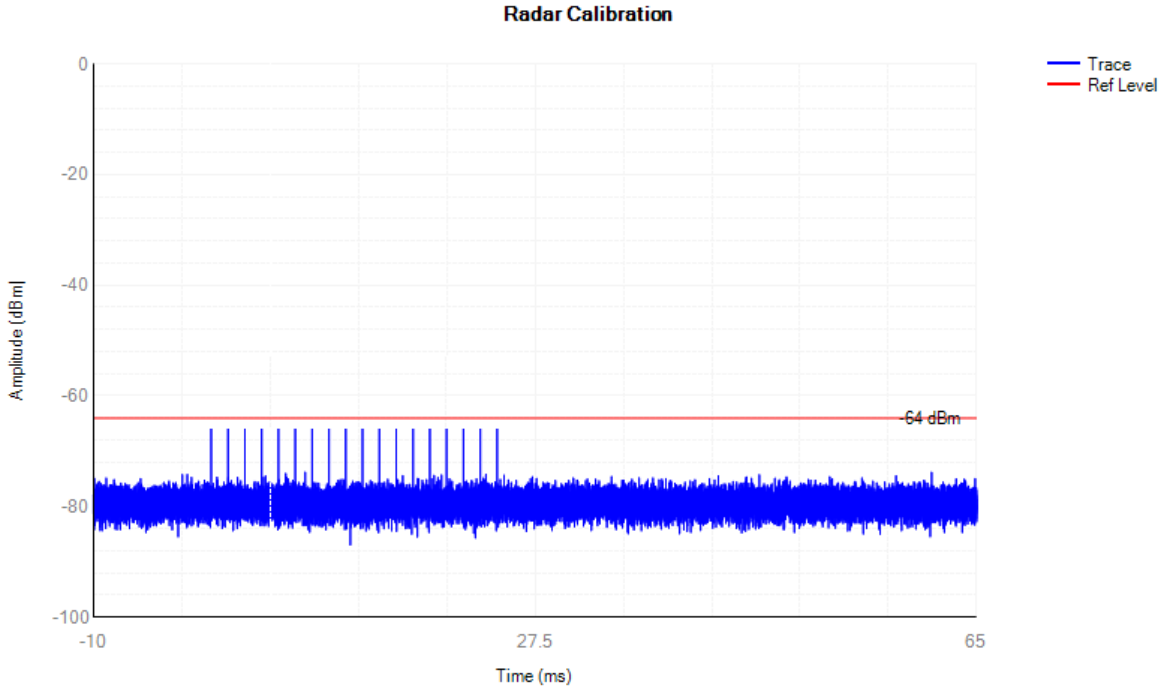
5270MHz n40 DFS_FCC_T0



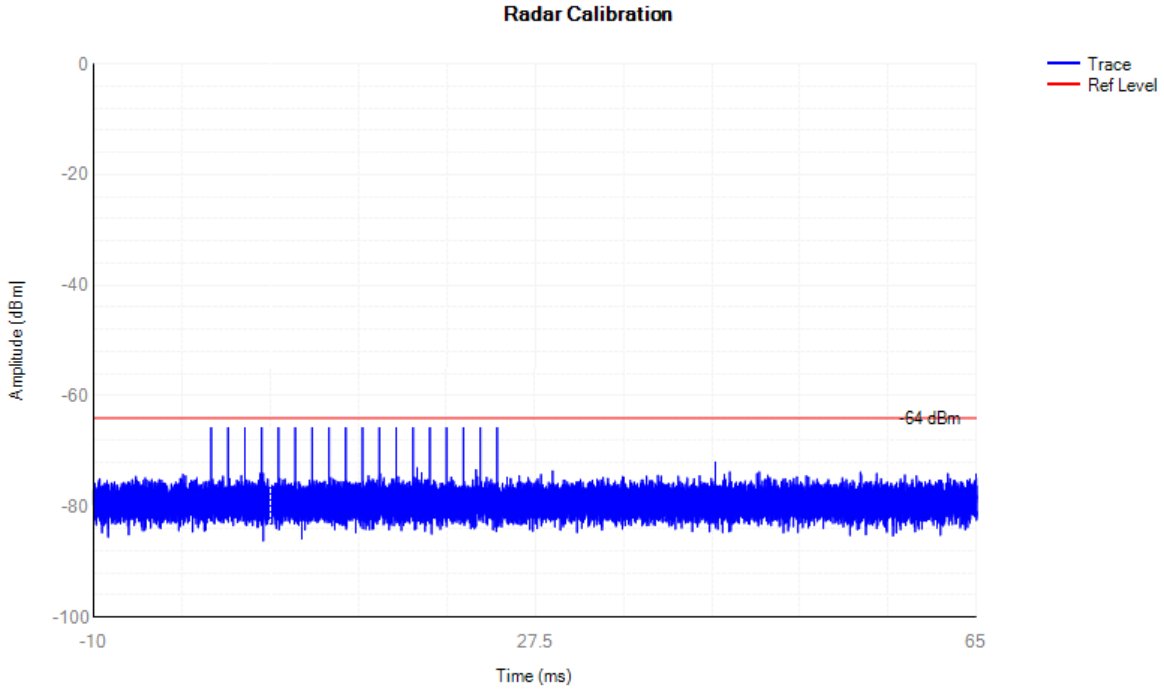
5510MHz n40 DFS_FCC_T0



5290MHz ac80 DFS_FCC_T0

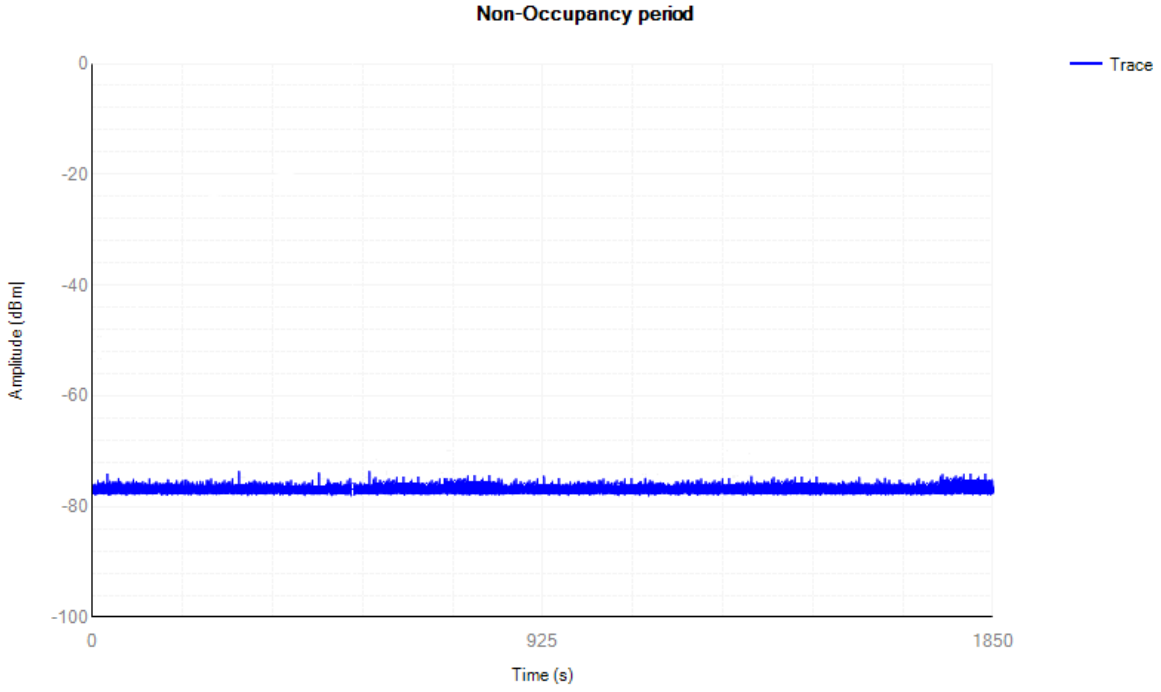


5530MHz ac80 DFS_FCC_T0

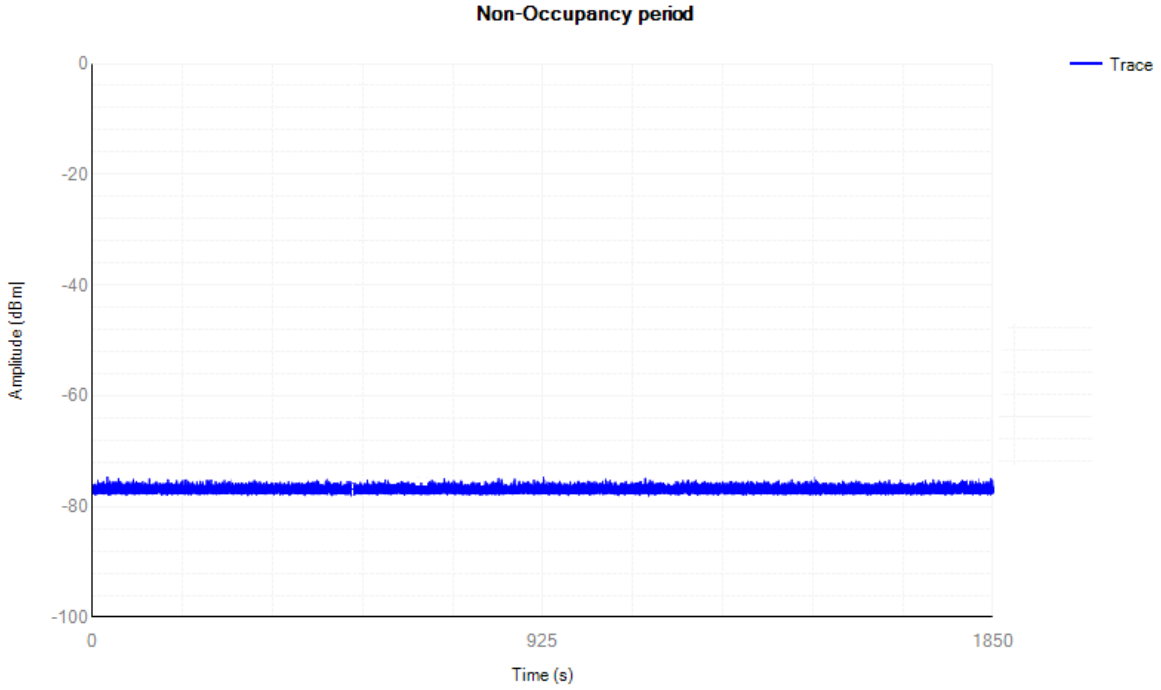


Non-Occupancy

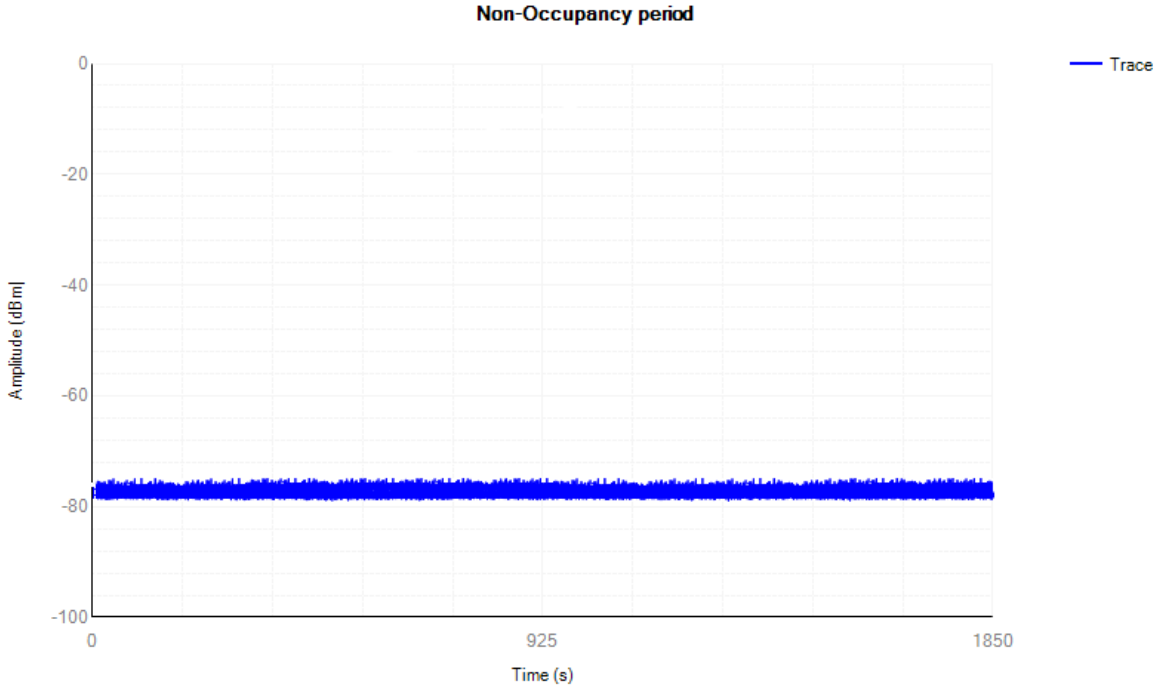
5290MHz ac80 Non-Occupancy



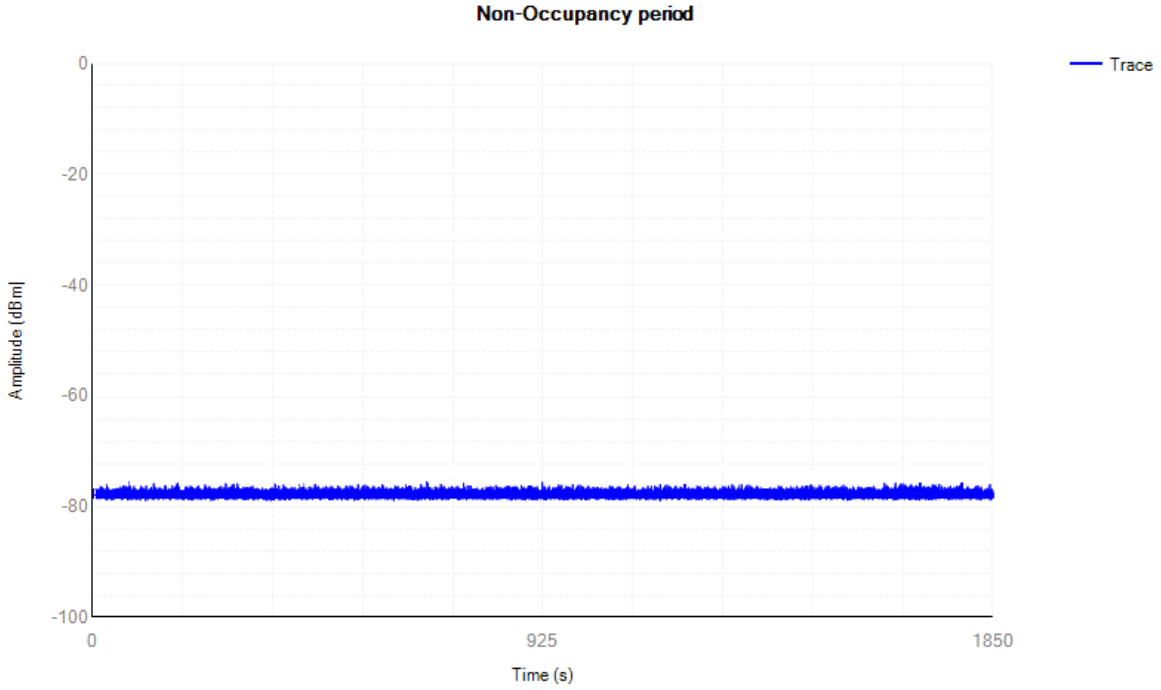
5530MHz ac80 Non-Occupancy



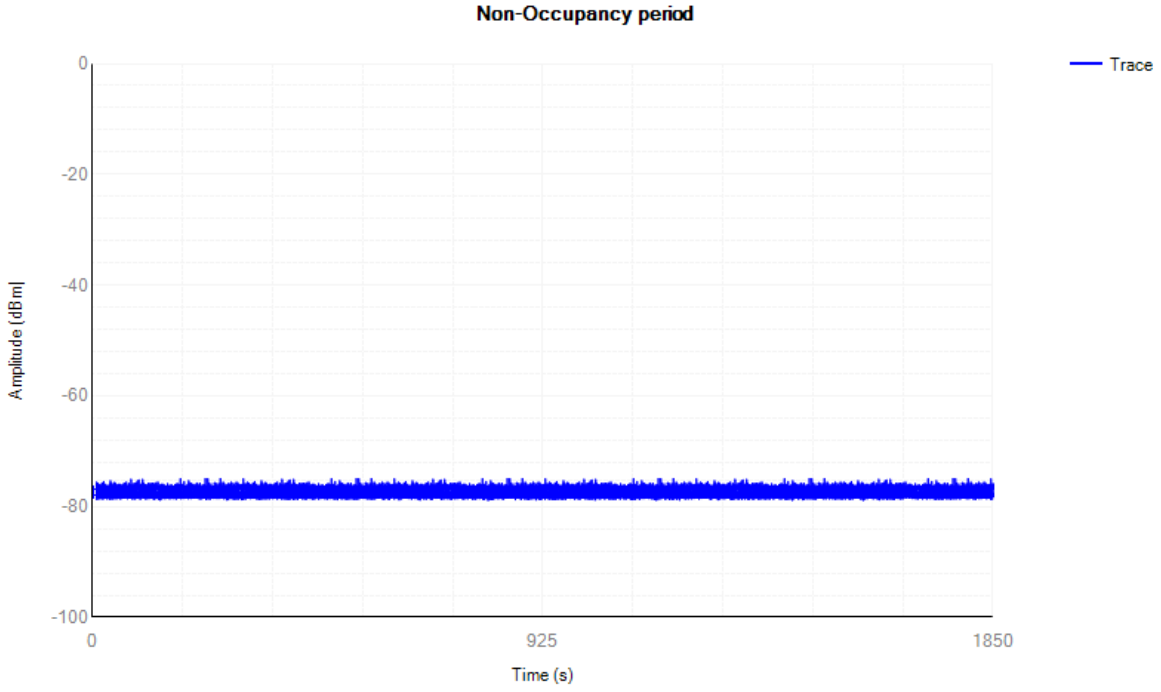
5310MHz n40 Non-Occupancy



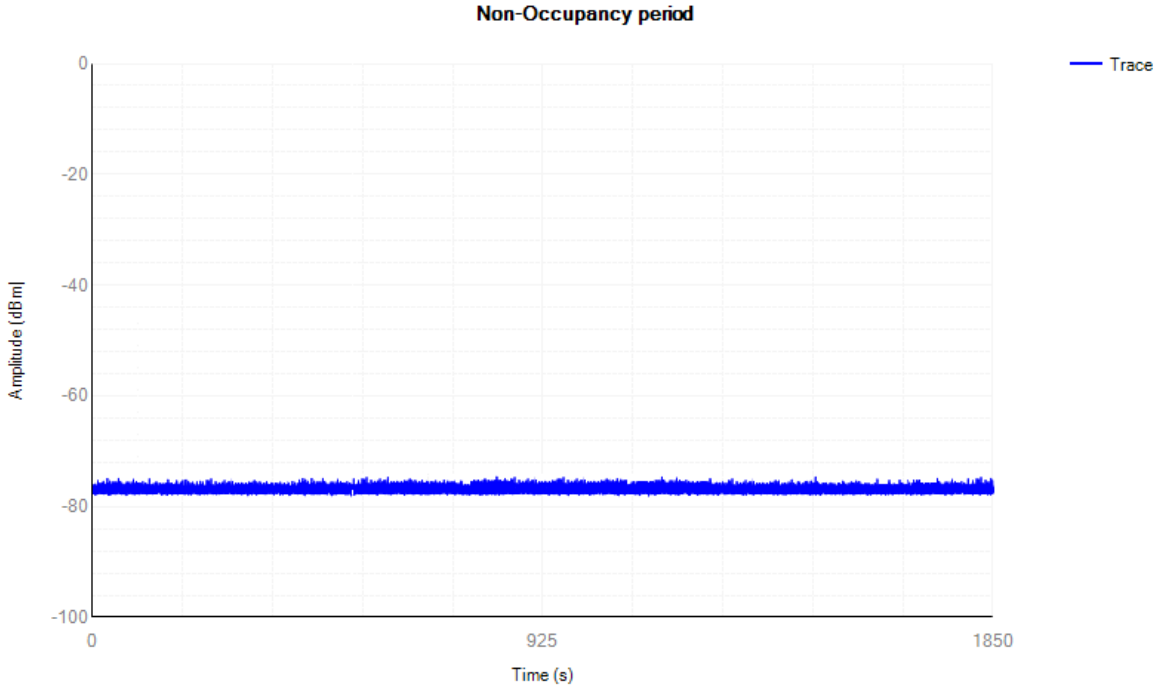
5510MHz n40 Non-Occupancy



5320MHz a Non-Occupancy



5500MHz a Non-Occupancy

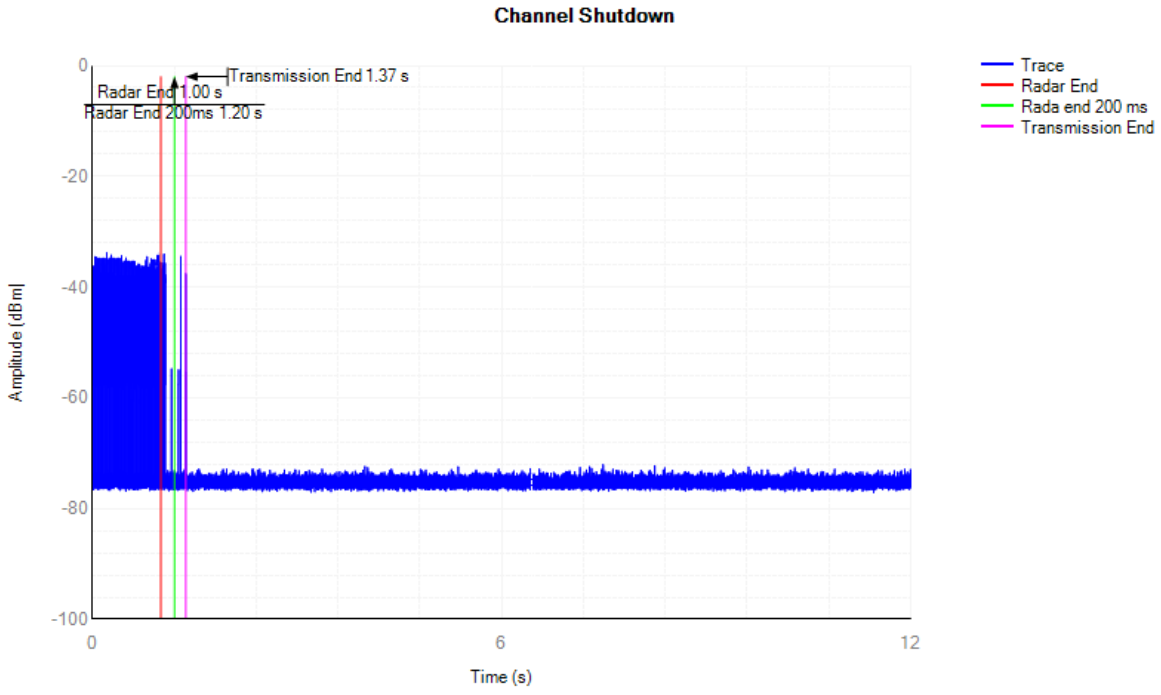


Shutdown Time

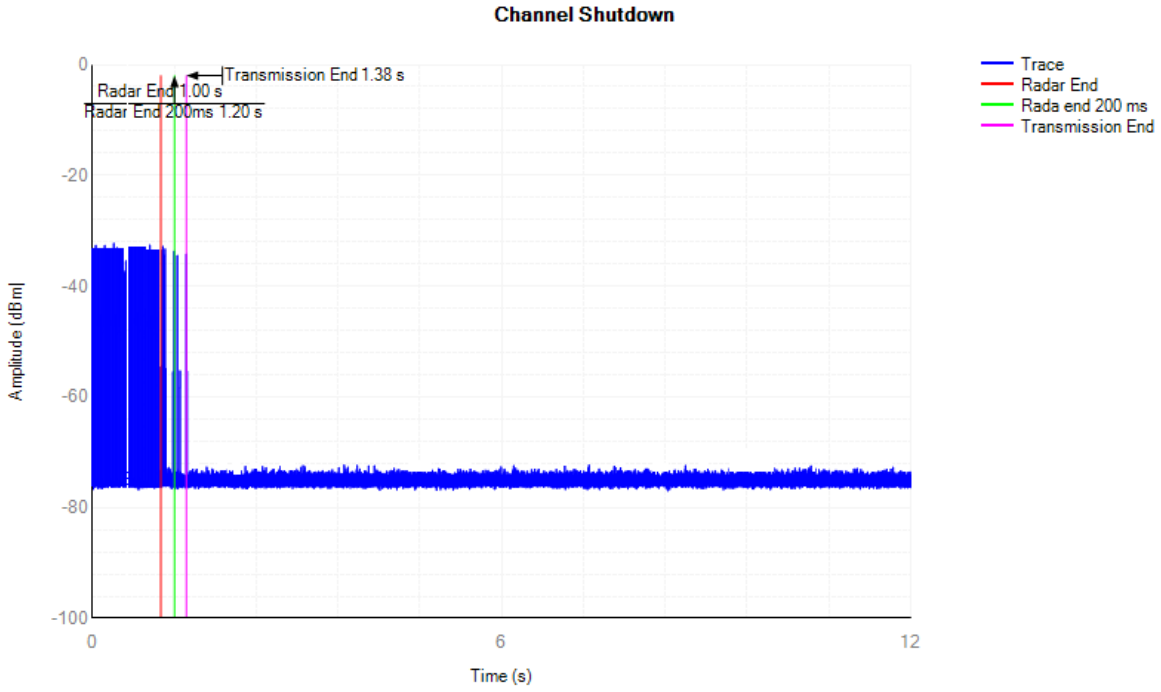
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
ac80	5290	0.366	10	0.0096	0.26	0.0008	0.06	Pass
ac80	5530	0.3752	10	0.0052	0.26	0.0008	0.06	Pass

n40	5310	0.41	10	0.004	0.26	0.0024	0.06	Pass
n40	5510	0.4512	10	0.0072	0.26	0.0024	0.06	Pass
a	5320	0.4284	10	0.0084	0.26	0.002	0.06	Pass
a	5500	0.5056	10	0.006	0.26	0.0024	0.06	Pass

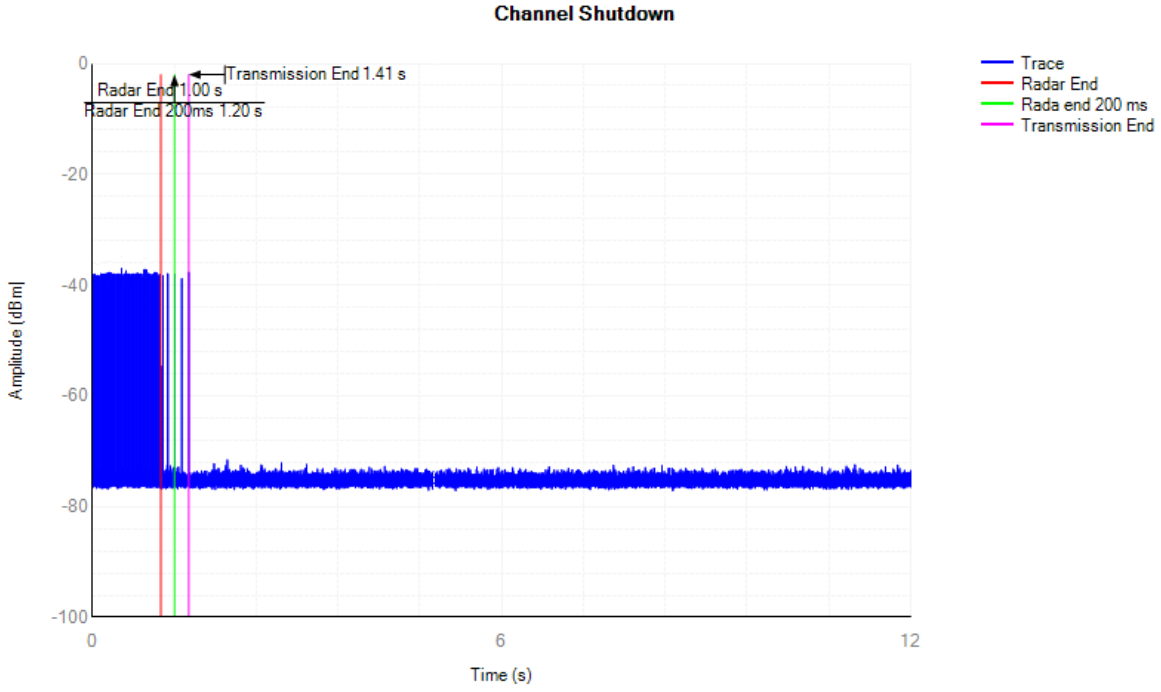
5290MHz ac80 Shutdown



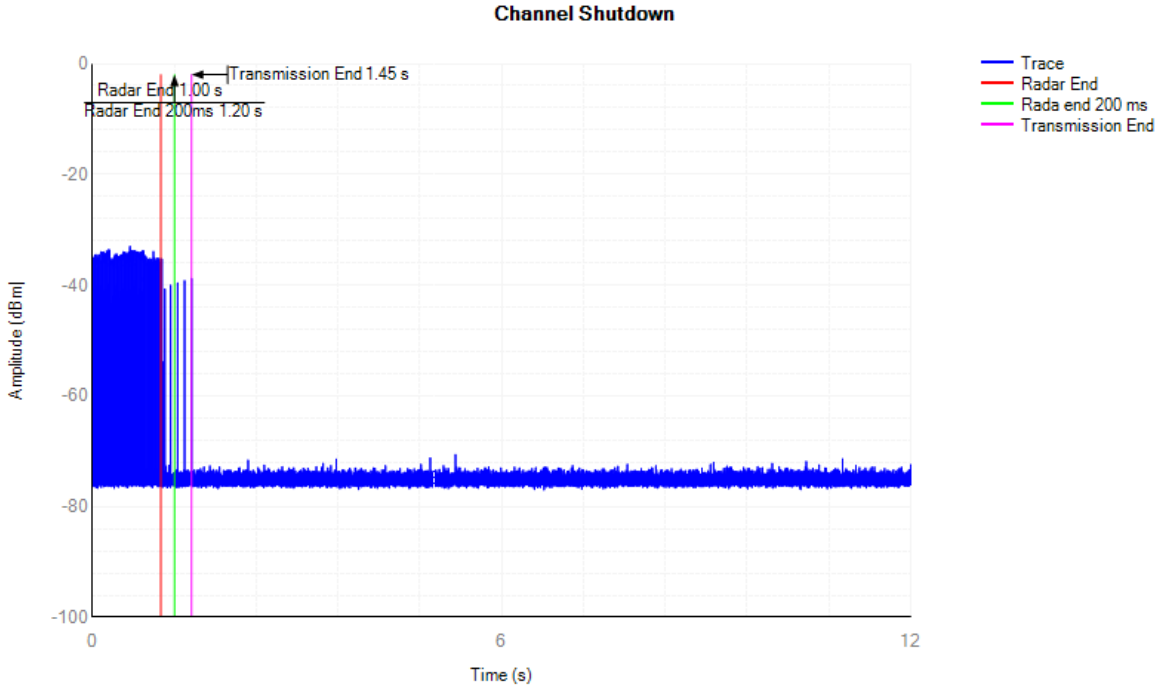
5530MHz ac80 Shutdown



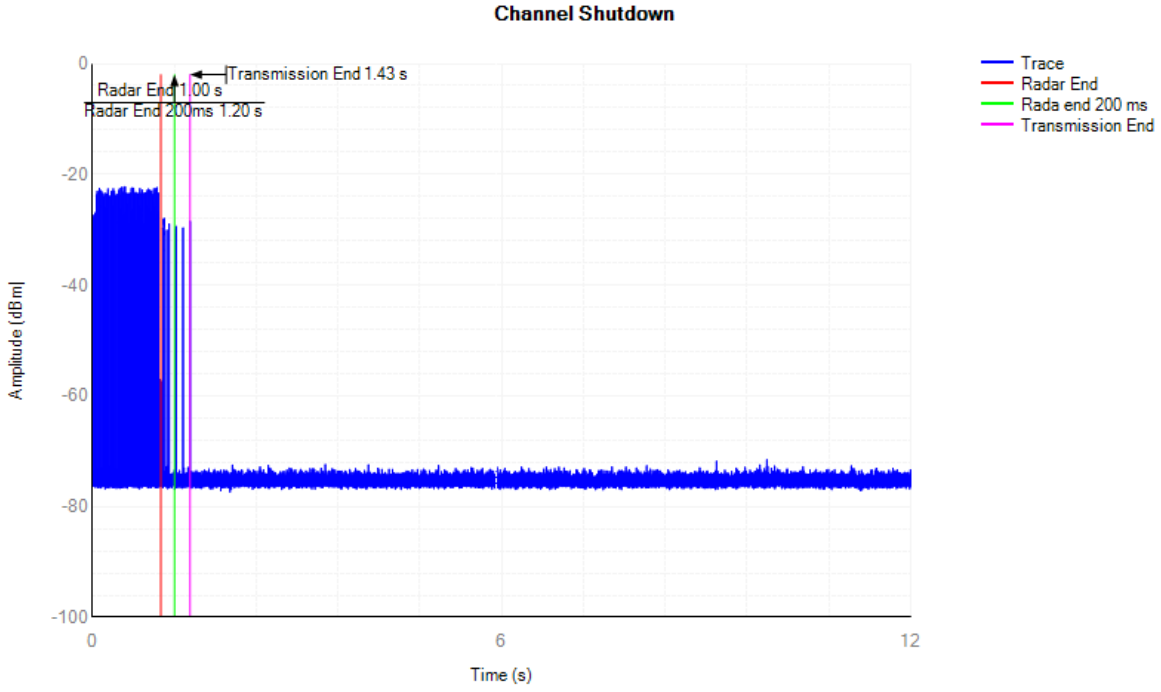
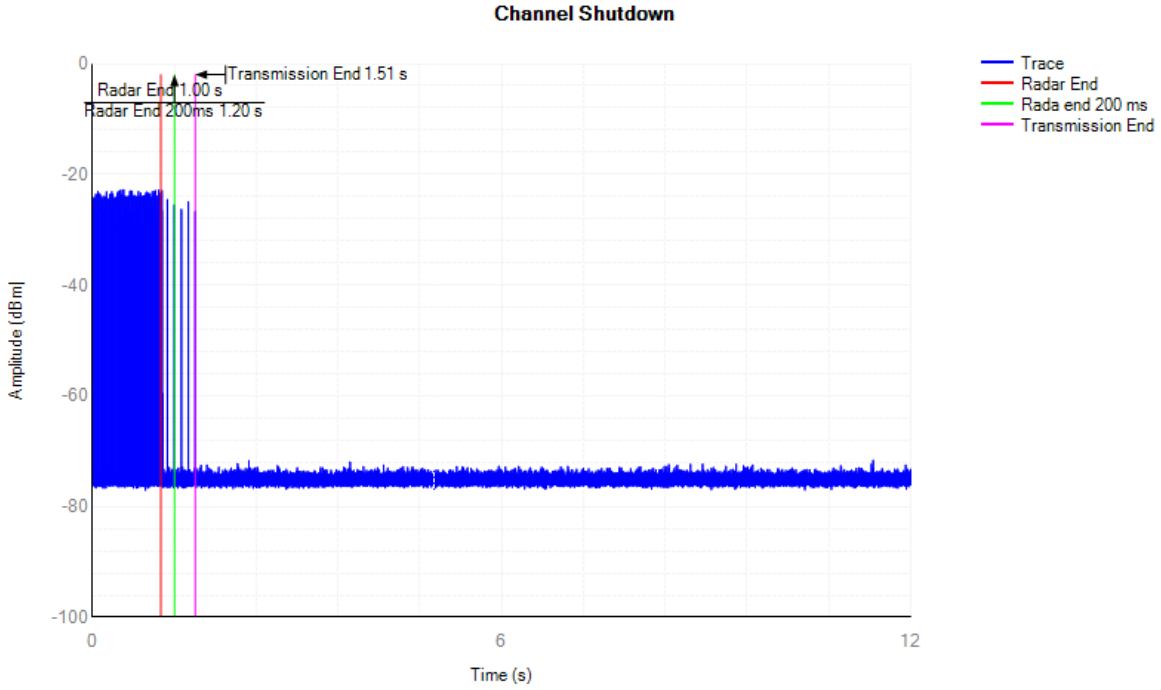
5310MHz n40 Shutdown



5510MHz n40 Shutdown



5320MHz a Shutdown



5500MHz a Shutdown