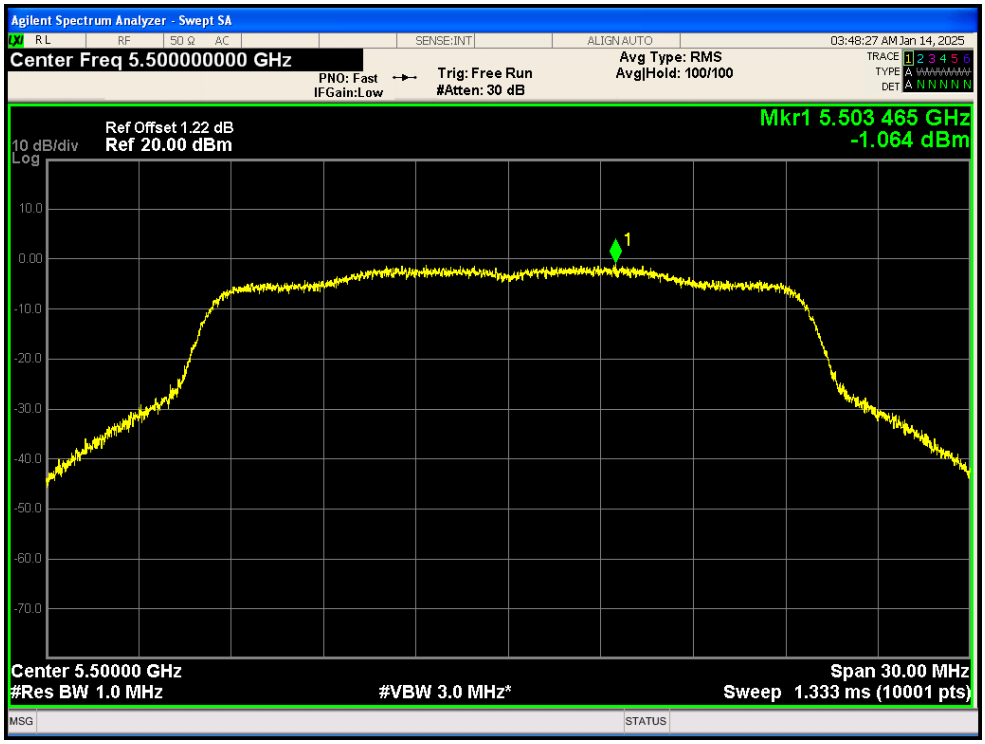
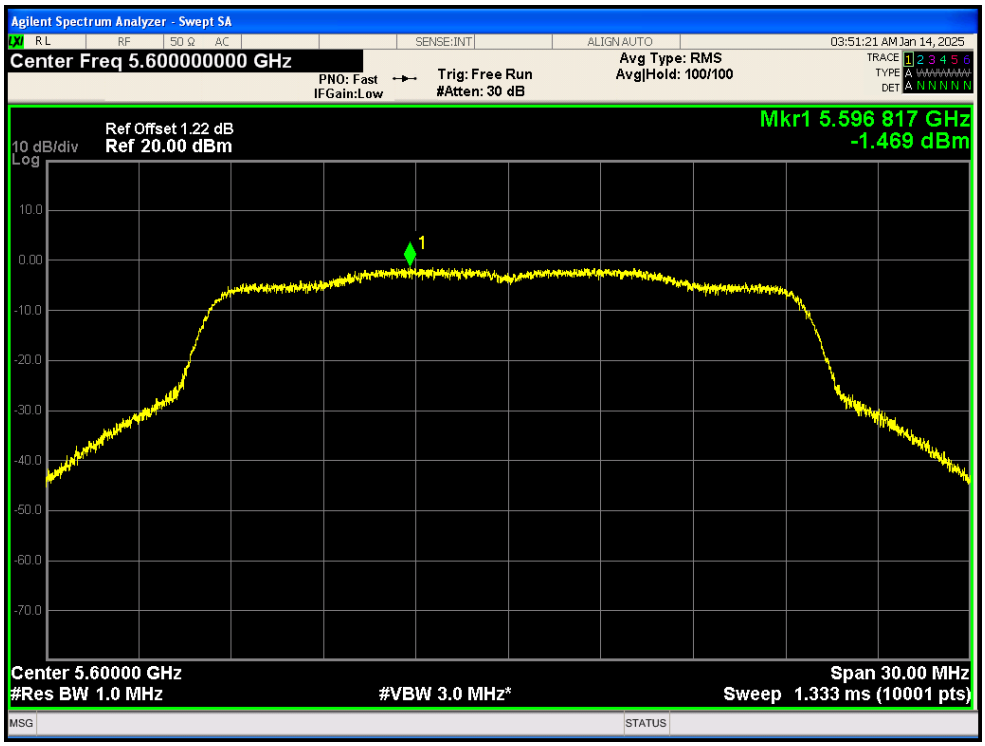
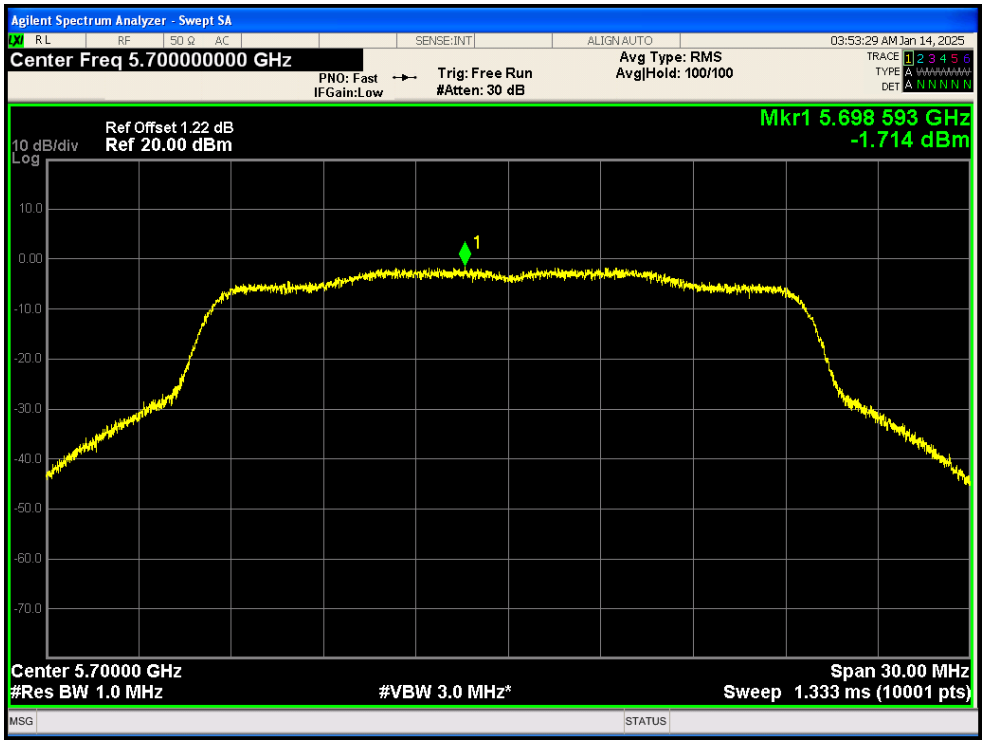


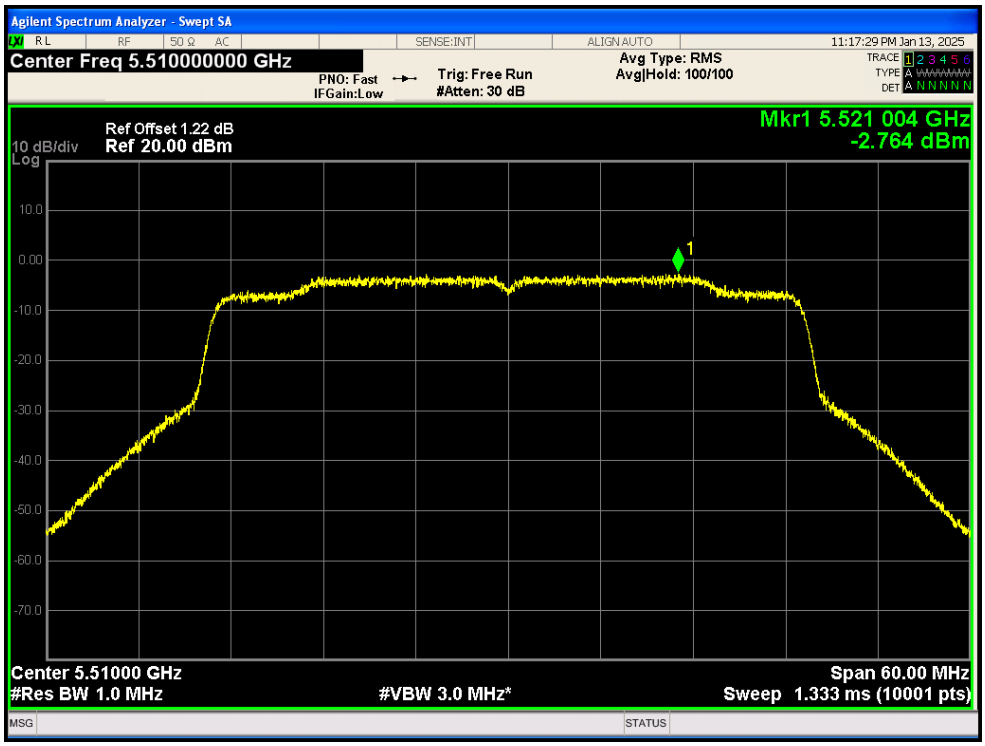
PSD NVNT ax20 5600MHz Ant2



PSD NVNT ax20 5700MHz Ant2



PSD NVNT ax40 5510MHz Ant1



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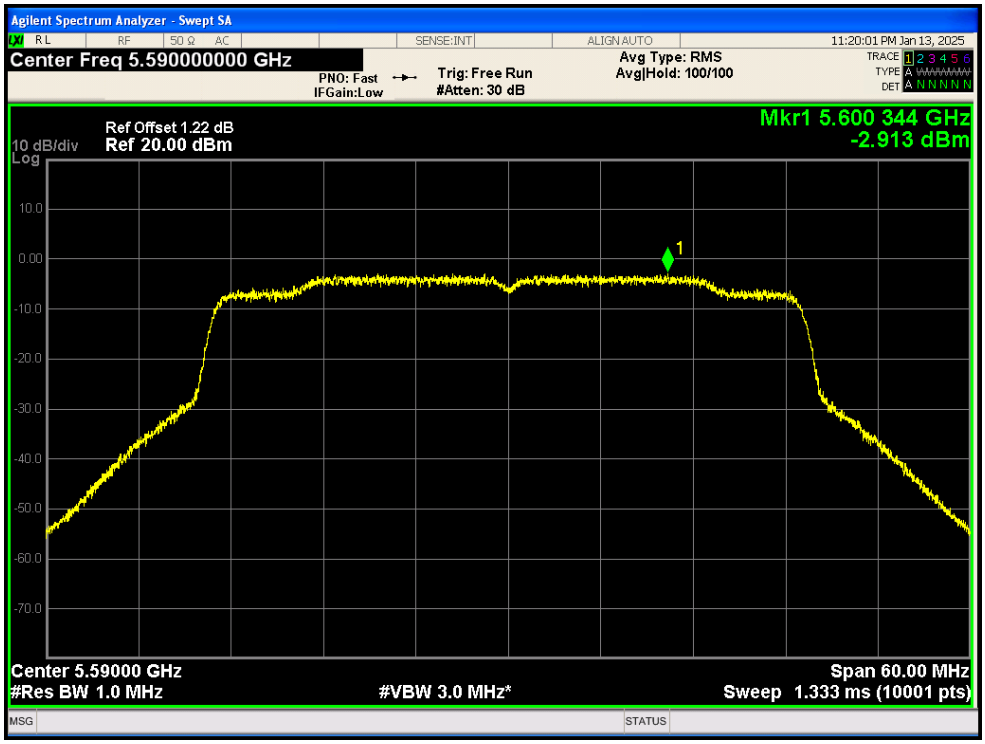

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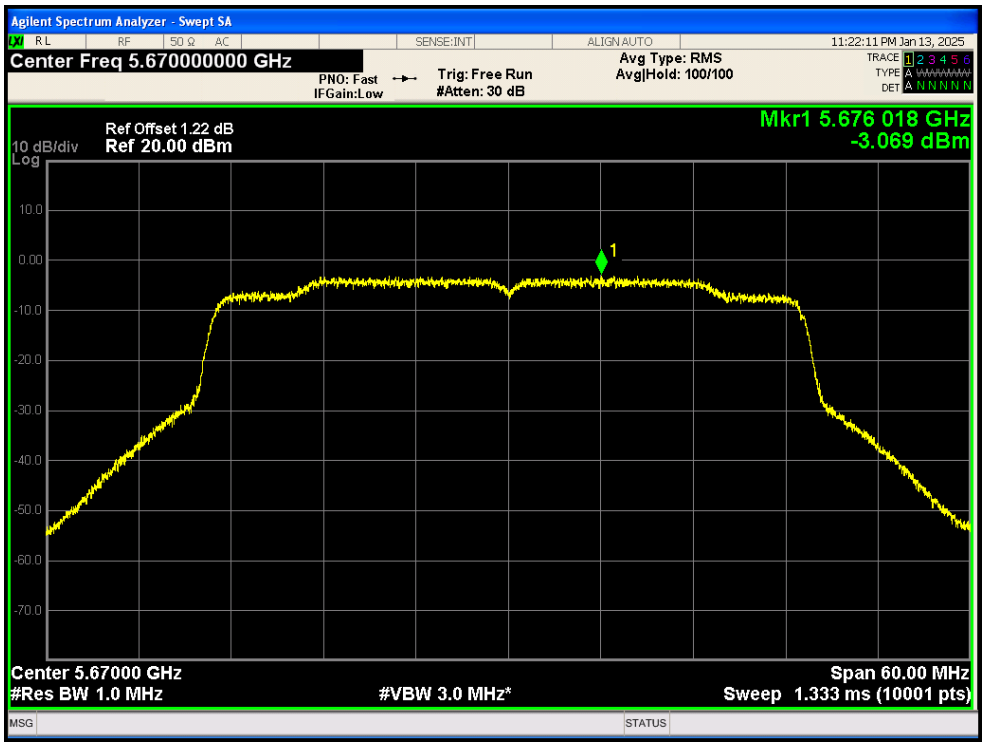

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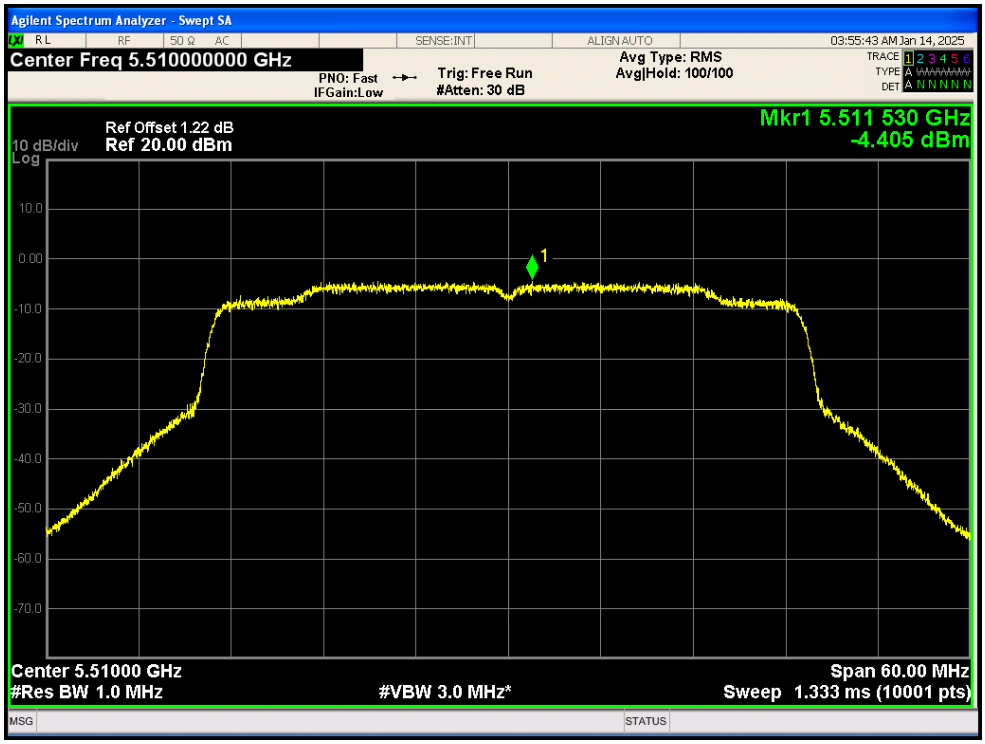

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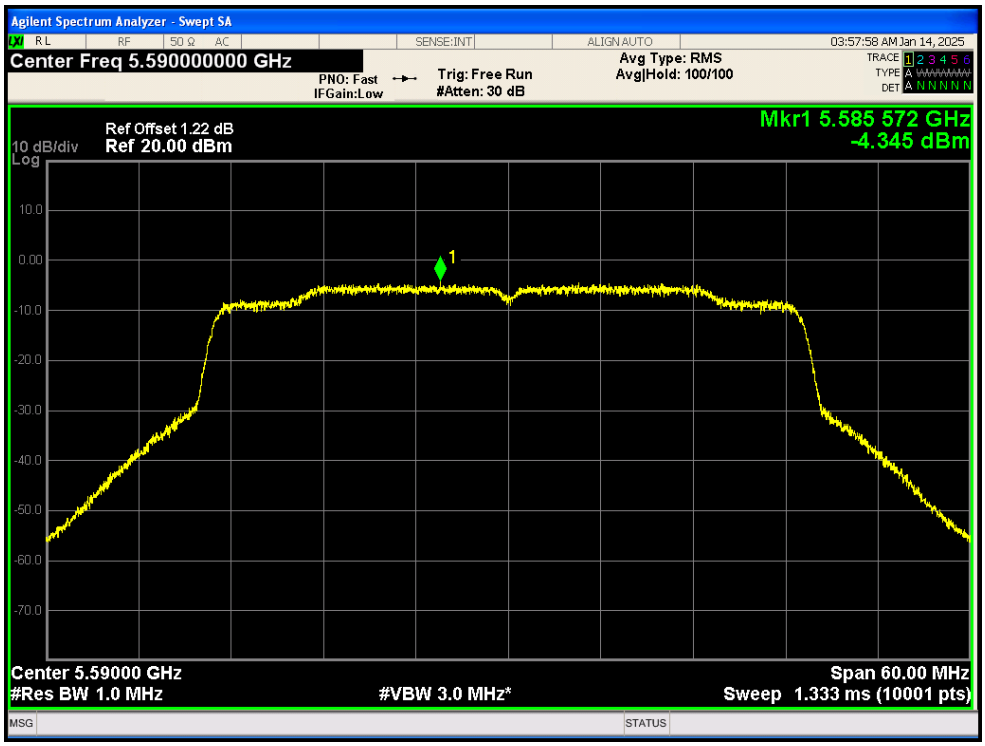

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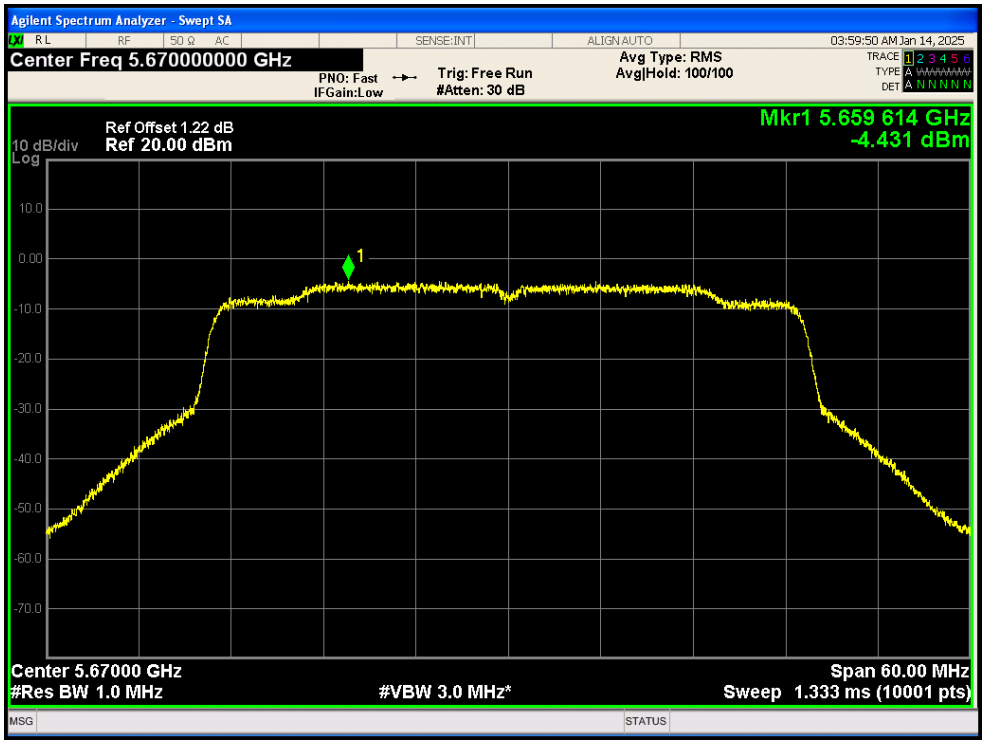
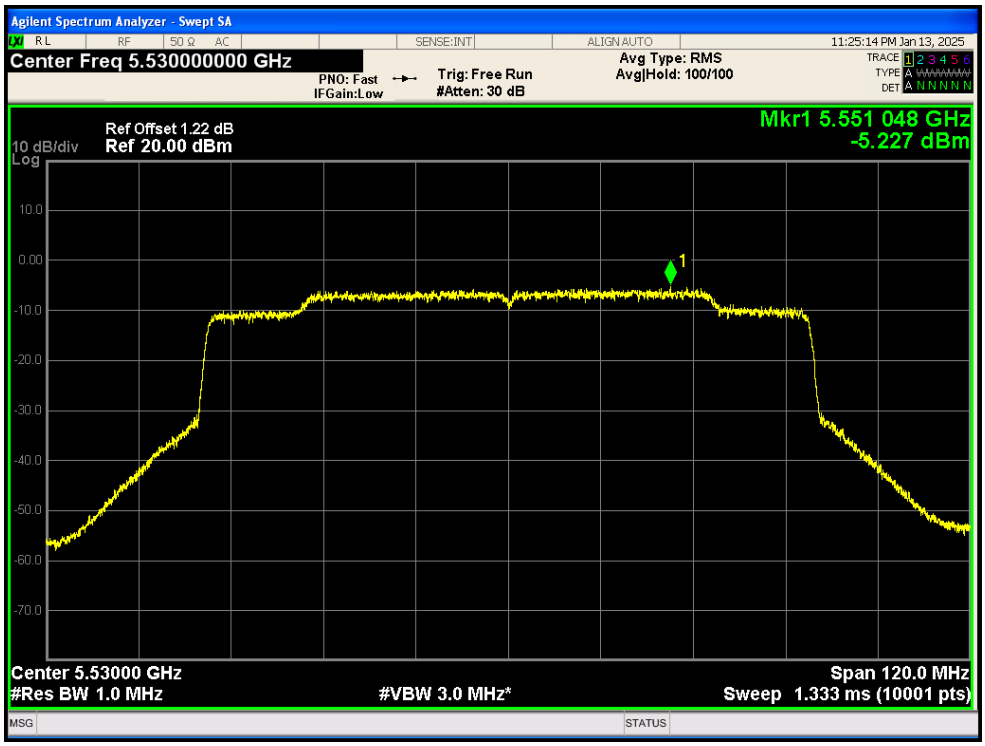
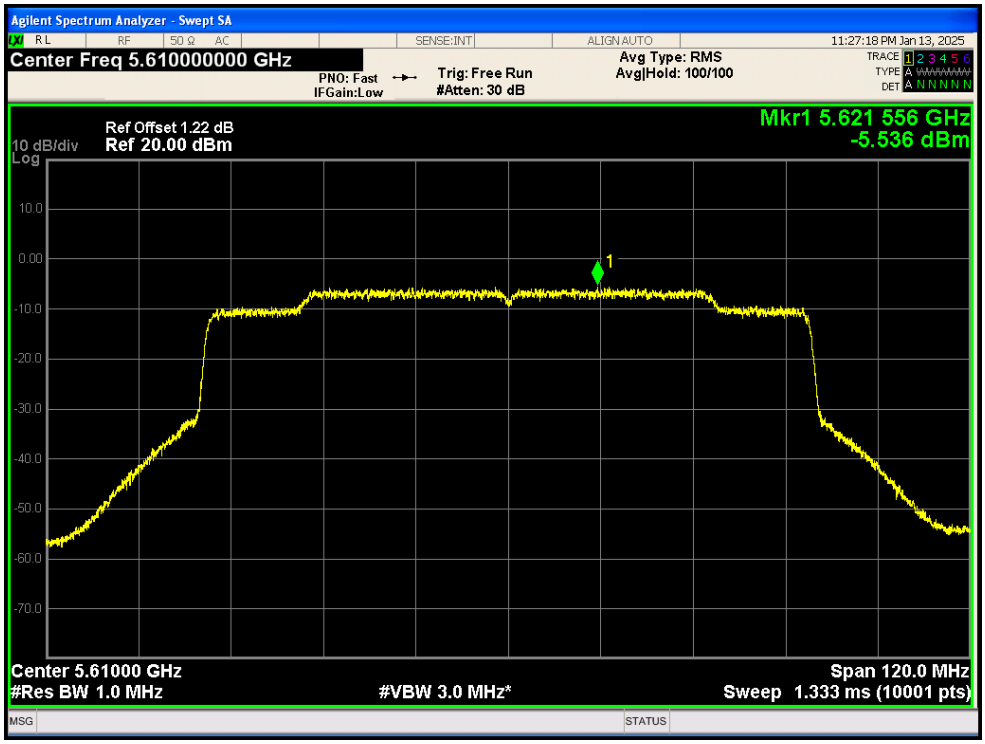


PSD NVNT ax80 5530MHz Ant1



PSD NVNT ax80 5610MHz Ant1



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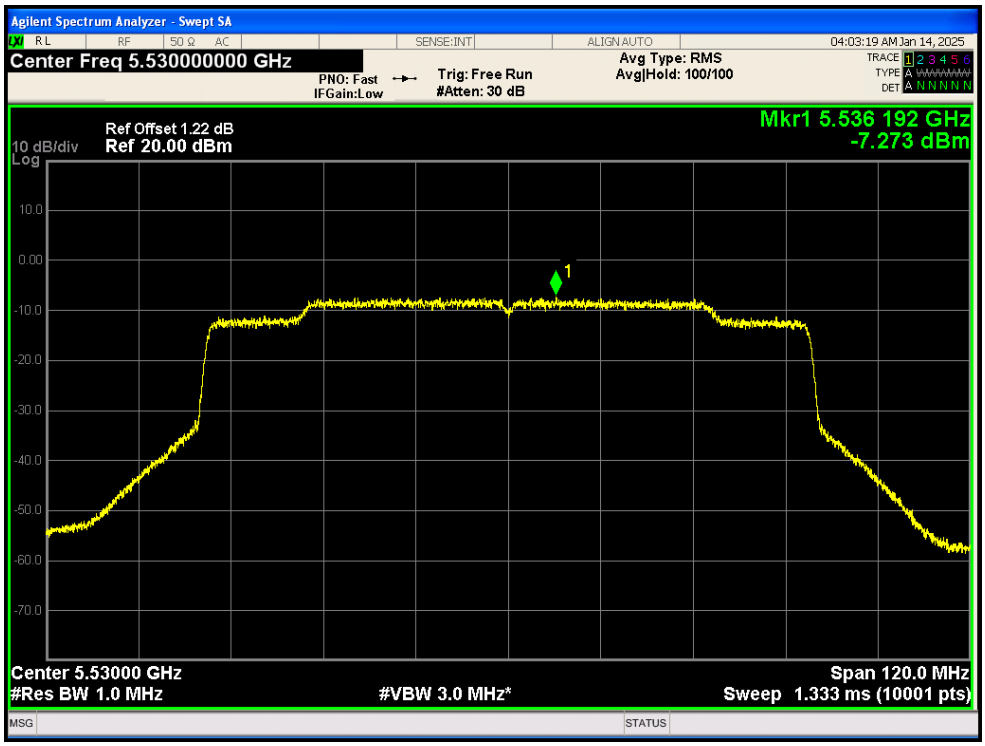
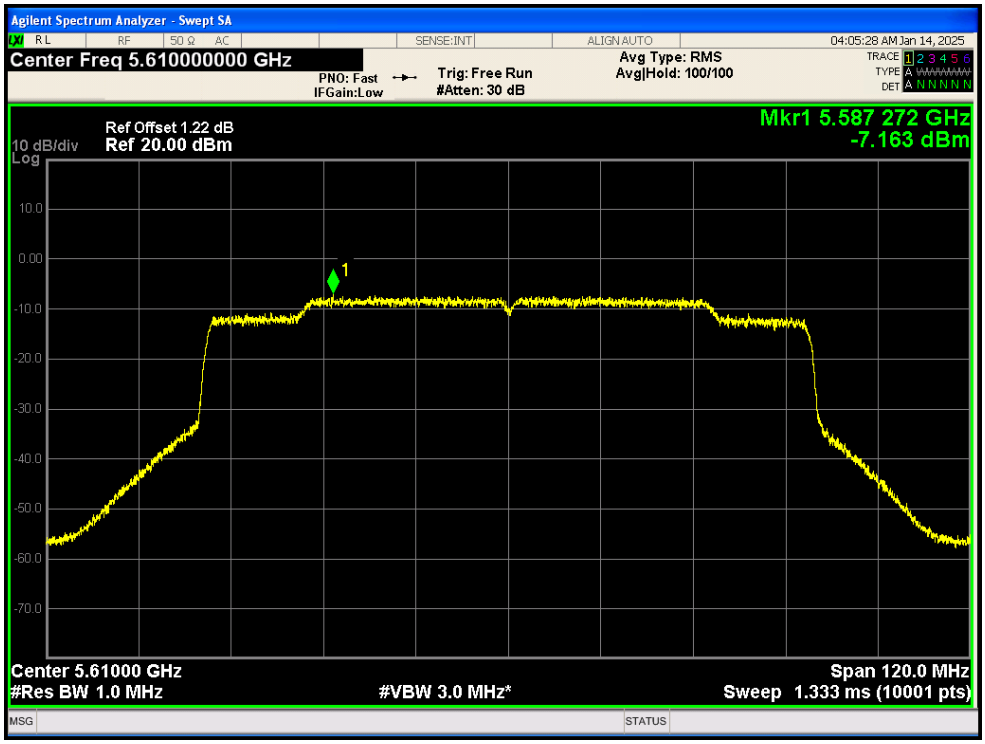
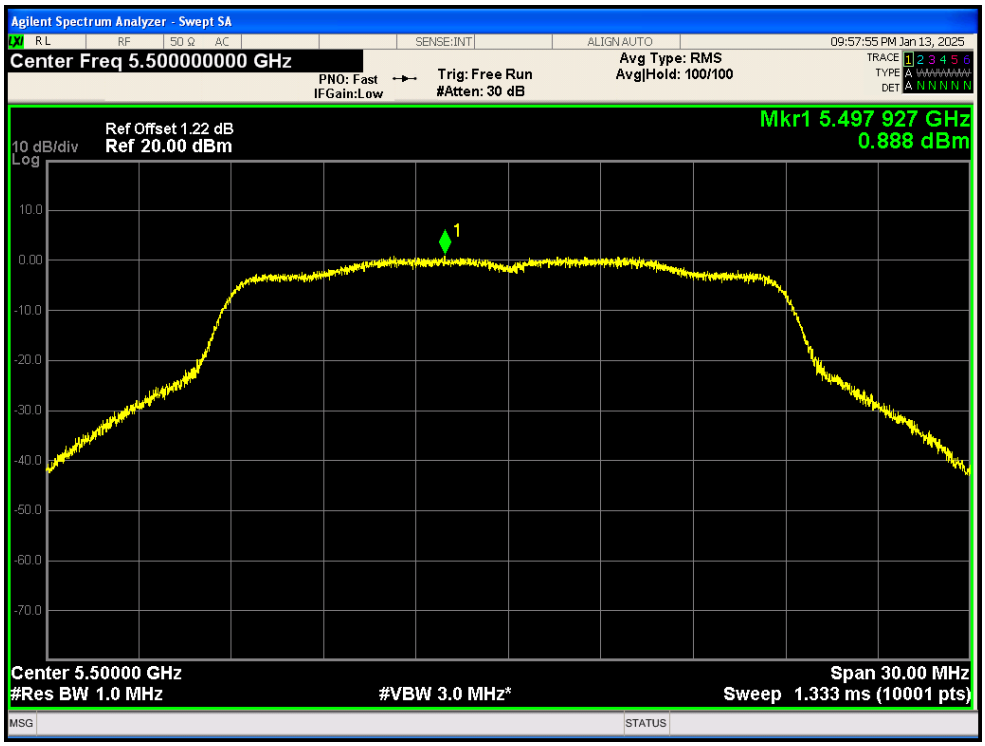


PSD NVNT ax80 5610MHz Ant2



PSD NVNT n20 5500MHz Ant1



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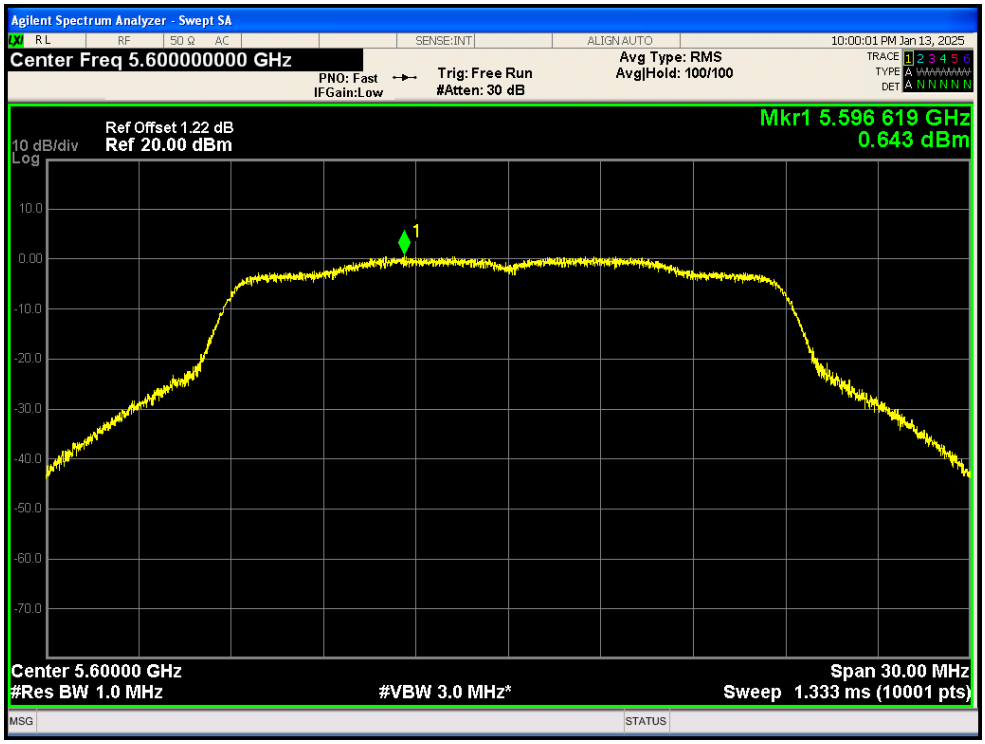
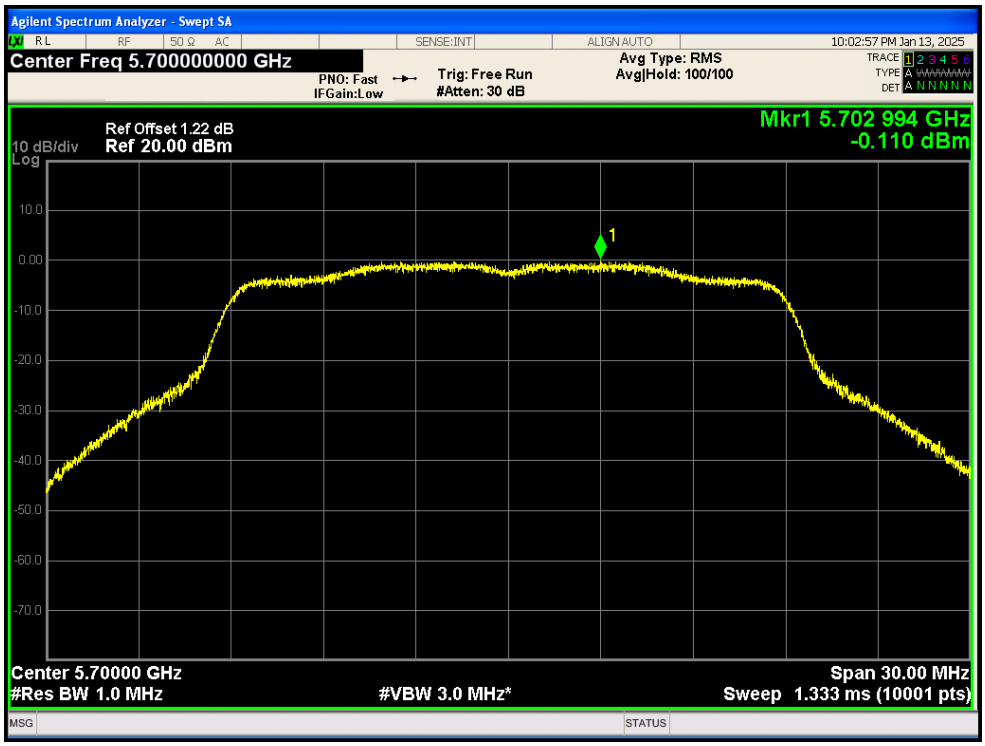


PSD NVNT n20 5700MHz Ant1



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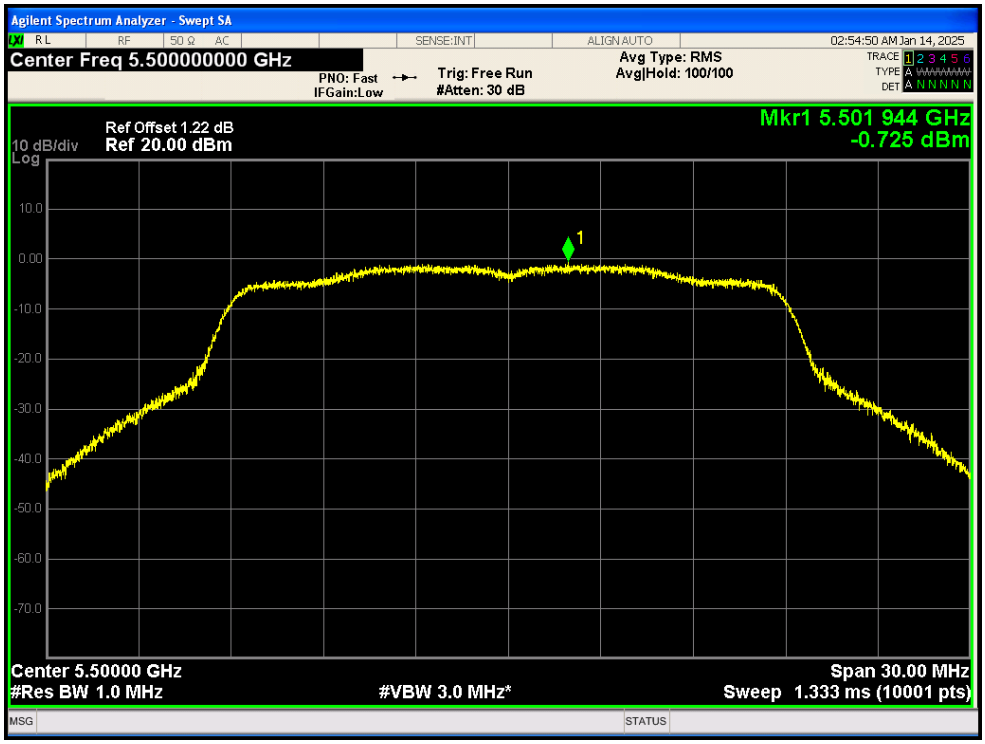

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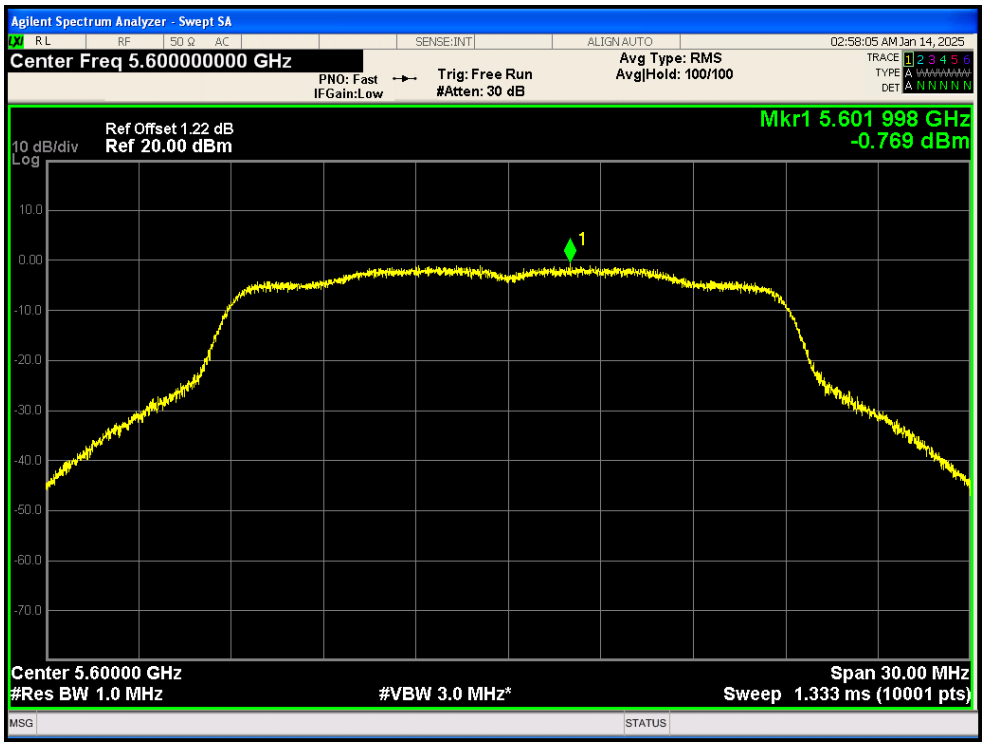
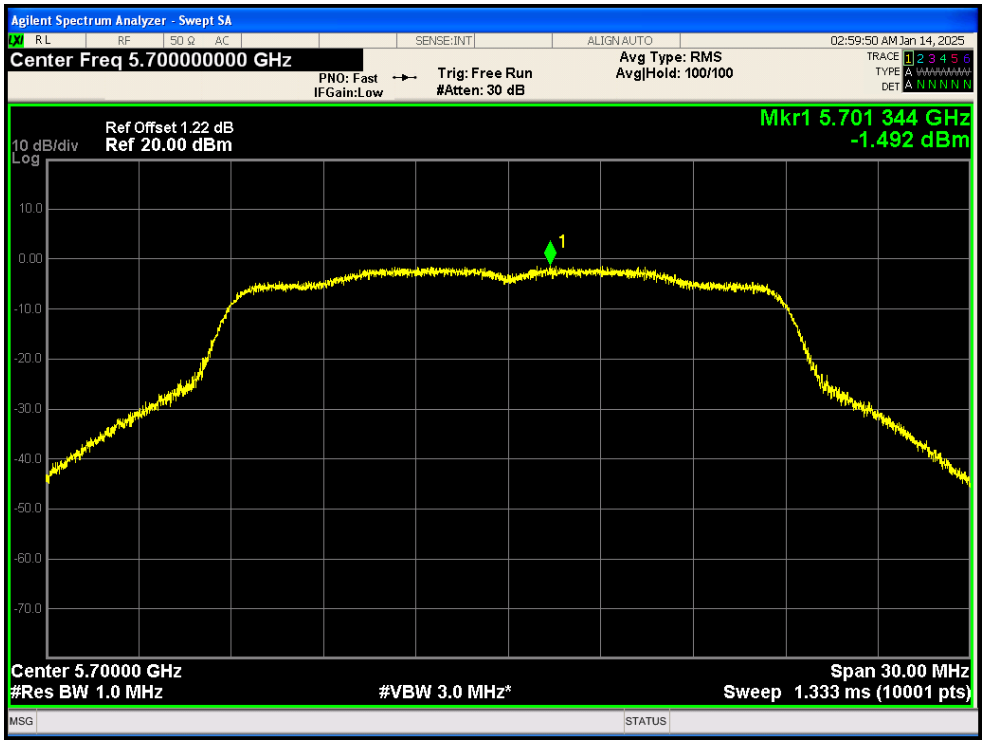
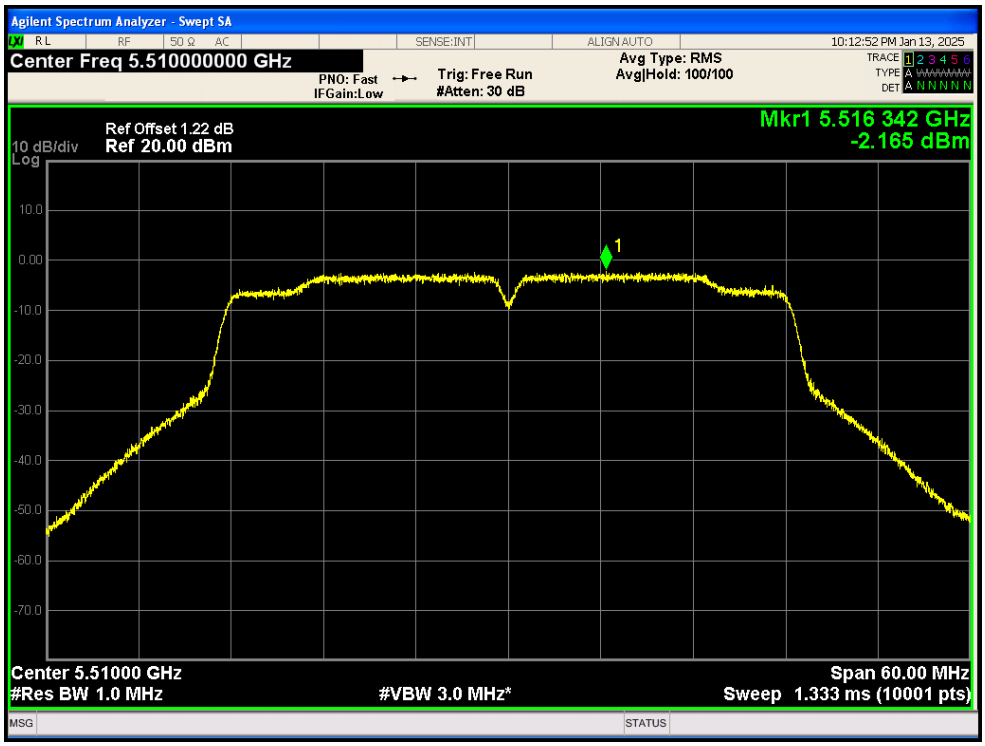


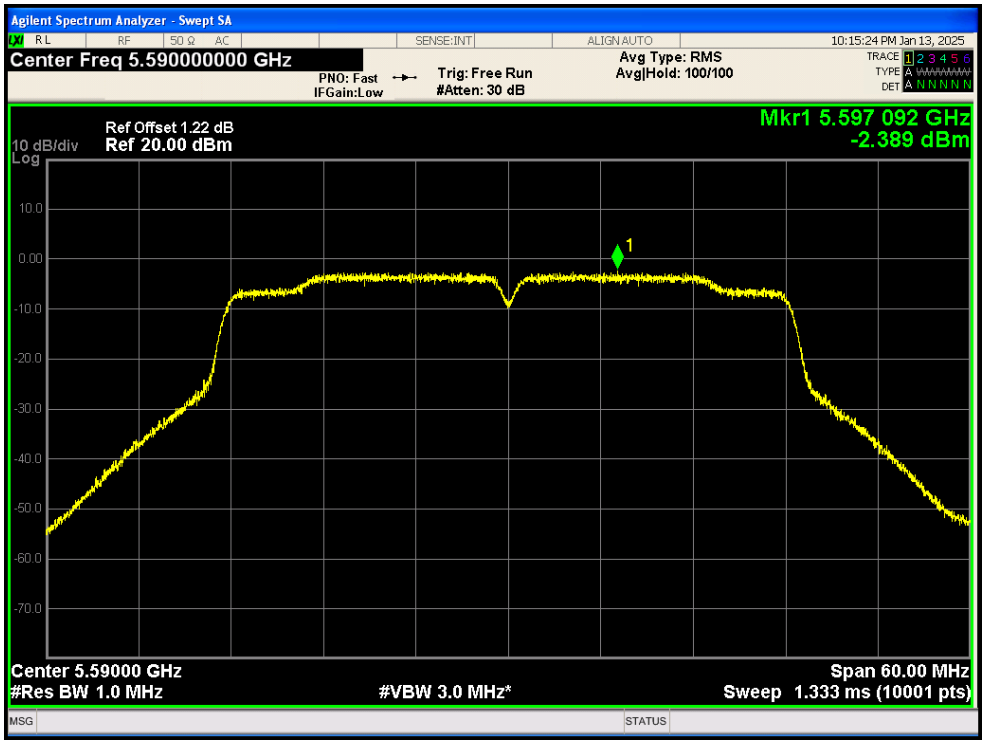
PSD NVNT n20 5700MHz Ant2



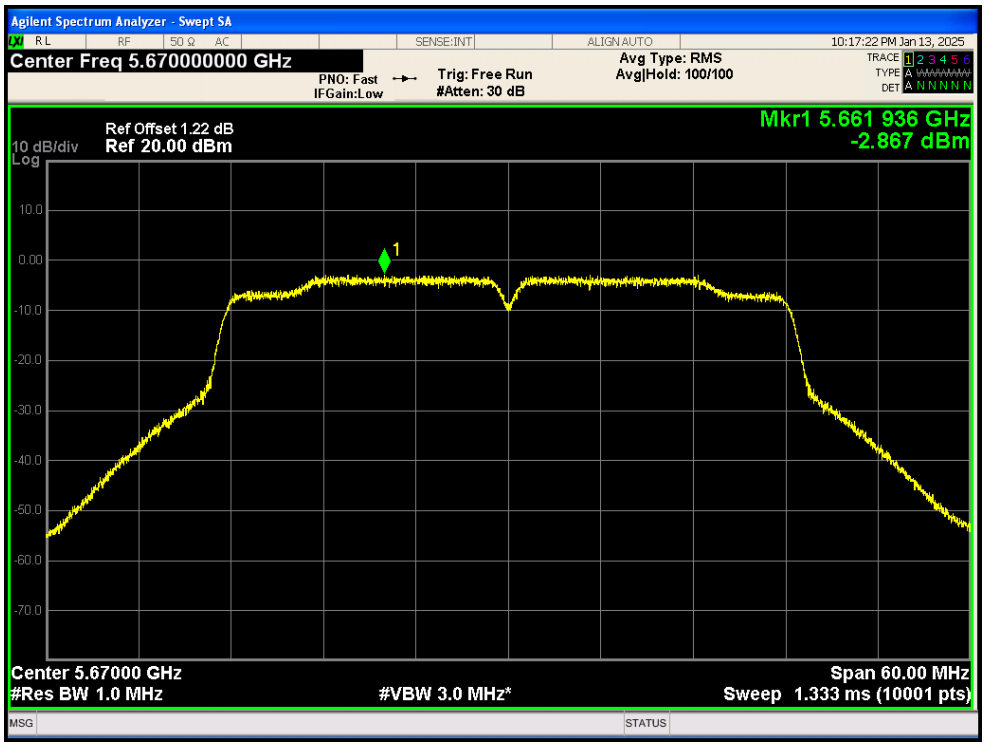
PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5590MHz Ant1



PSD NVNT n40 5670MHz Ant1



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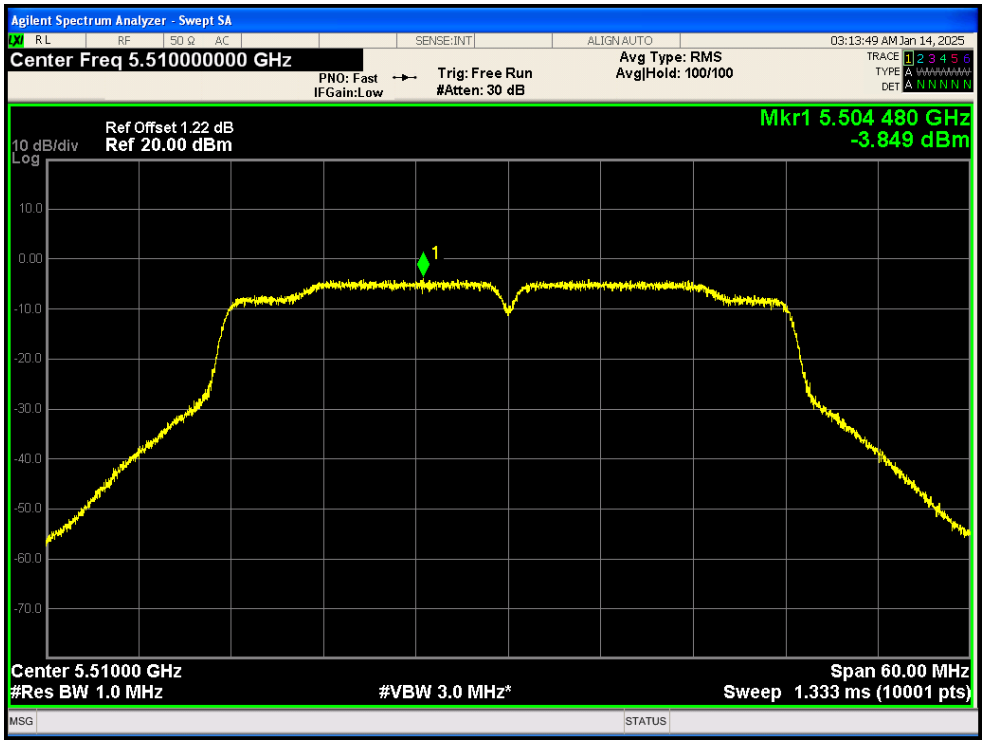
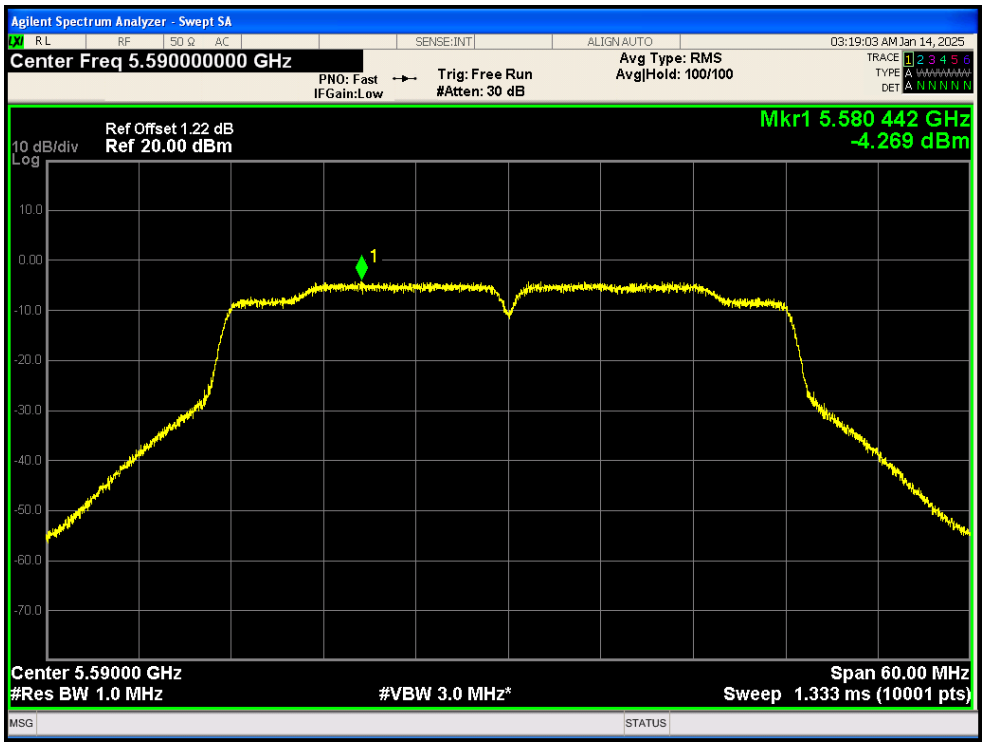


PSD NVNT n40 5590MHz Ant2



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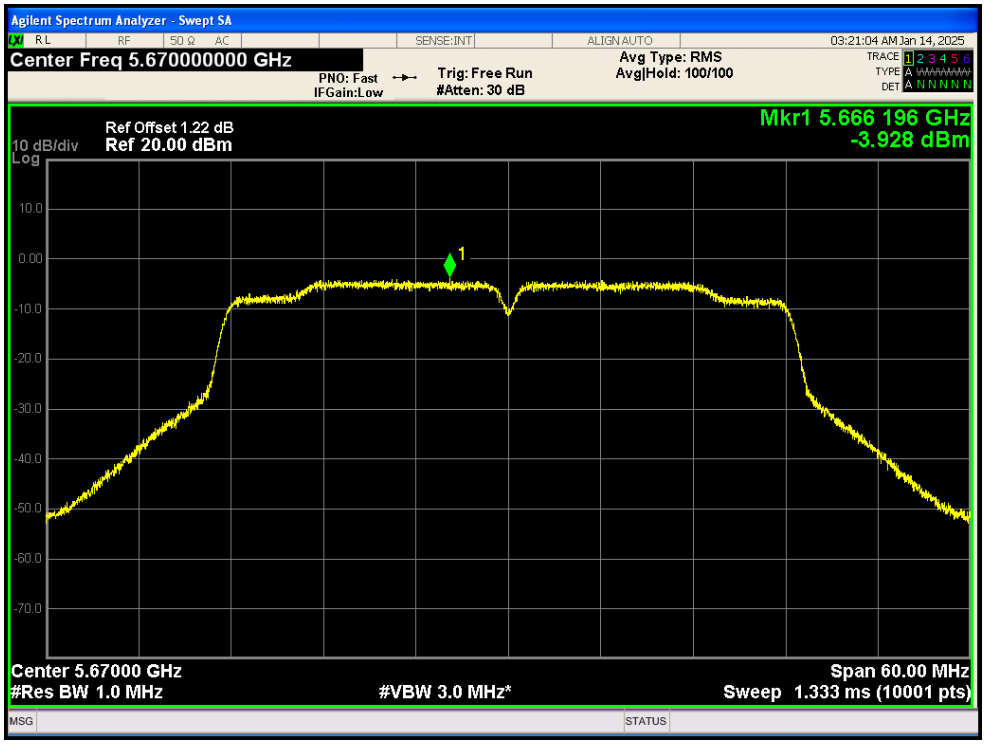
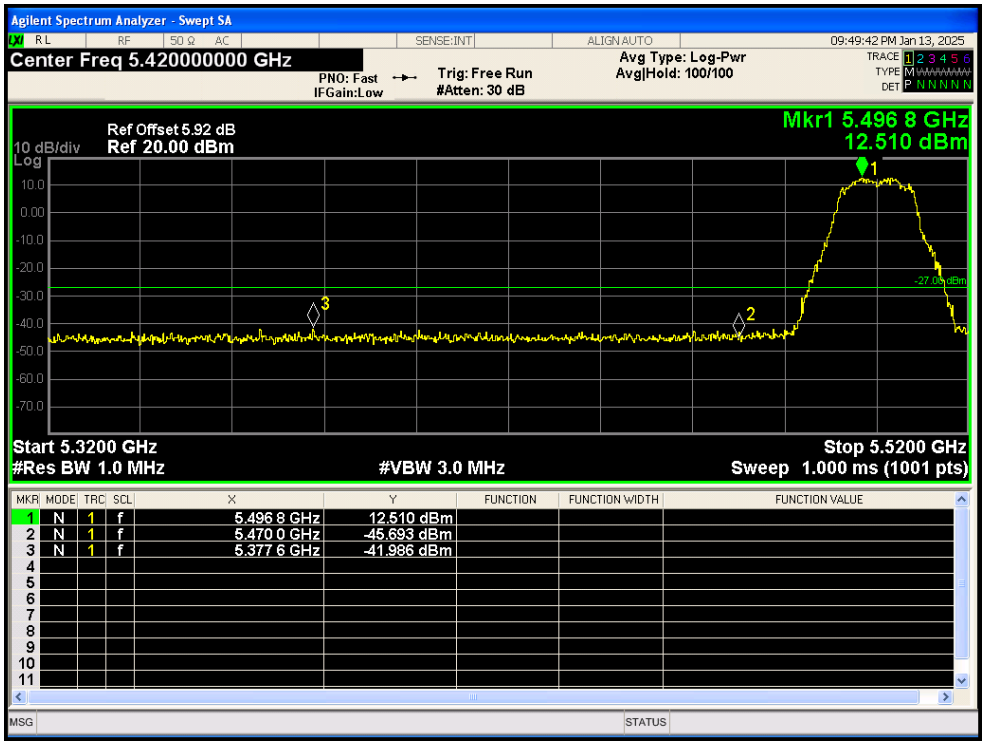


Band Edge

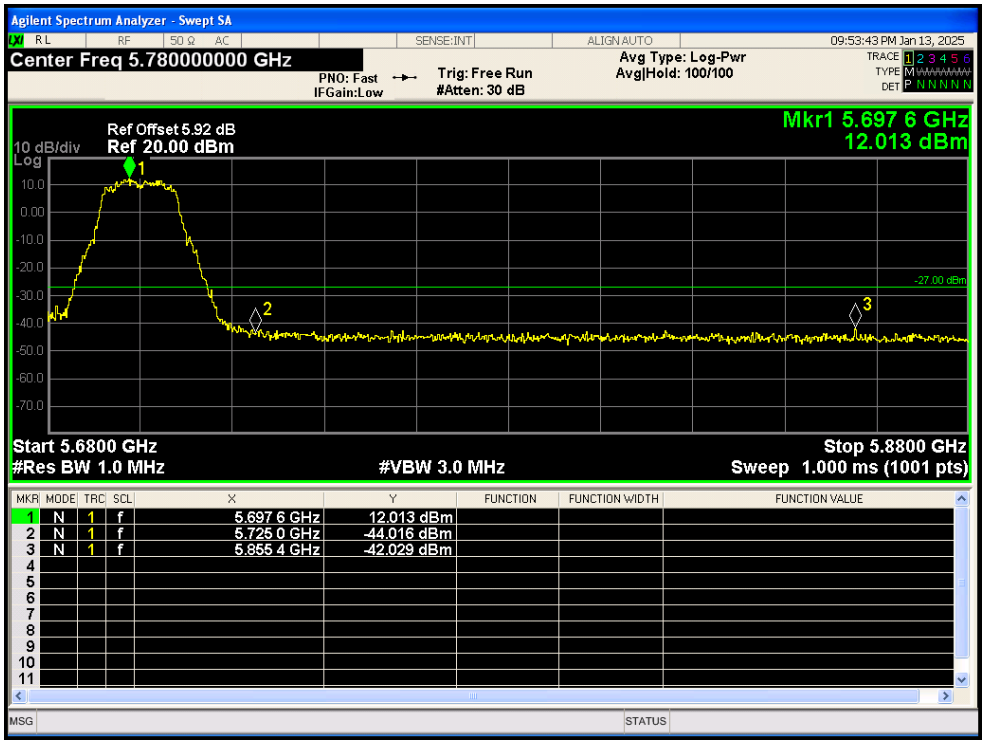
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-41.98	-27	Pass
NVNT	a	5700	Ant1	-42.02	-27	Pass
NVNT	a	5500	Ant2	-42.21	-27	Pass
NVNT	a	5700	Ant2	-42.97	-27	Pass
NVNT	ac20	5500	Ant1	-42.37	-27	Pass
NVNT	ac20	5700	Ant1	-39.77	-27	Pass
NVNT	ac20	5500	Ant2	-42.45	-27	Pass
NVNT	ac20	5700	Ant2	-42.31	-27	Pass
NVNT	ac40	5510	Ant1	-42.34	-27	Pass
NVNT	ac40	5670	Ant1	-42.4	-27	Pass
NVNT	ac40	5510	Ant2	-41.91	-27	Pass
NVNT	ac40	5670	Ant2	-42.62	-27	Pass
NVNT	ac80	5530	Ant1	-40.19	-27	Pass
NVNT	ac80	5610	Ant1	-42.37	-27	Pass
NVNT	ac80	5530	Ant2	-41.16	-27	Pass
NVNT	ac80	5610	Ant2	-43.79	-27	Pass
NVNT	ax20	5500	Ant1	-41.99	-27	Pass
NVNT	ax20	5700	Ant1	-41.24	-27	Pass
NVNT	ax20	5500	Ant2	-42.82	-27	Pass
NVNT	ax20	5700	Ant2	-42.56	-27	Pass
NVNT	ax40	5510	Ant1	-41.64	-27	Pass
NVNT	ax40	5670	Ant1	-41.33	-27	Pass
NVNT	ax40	5510	Ant2	-41.79	-27	Pass
NVNT	ax40	5670	Ant2	-41.98	-27	Pass
NVNT	ax80	5530	Ant1	-37.87	-27	Pass
NVNT	ax80	5610	Ant1	-43.55	-27	Pass

NVNT	ax80	5530	Ant2	-38.6	-27	Pass
NVNT	ax80	5610	Ant2	-43.99	-27	Pass
NVNT	n20	5500	Ant1	-42.31	-27	Pass
NVNT	n20	5700	Ant1	-41.09	-27	Pass
NVNT	n20	5500	Ant2	-42.61	-27	Pass
NVNT	n20	5700	Ant2	-41.42	-27	Pass
NVNT	n40	5510	Ant1	-41.98	-27	Pass
NVNT	n40	5670	Ant1	-42.44	-27	Pass
NVNT	n40	5510	Ant2	-42.09	-27	Pass
NVNT	n40	5670	Ant2	-42.95	-27	Pass

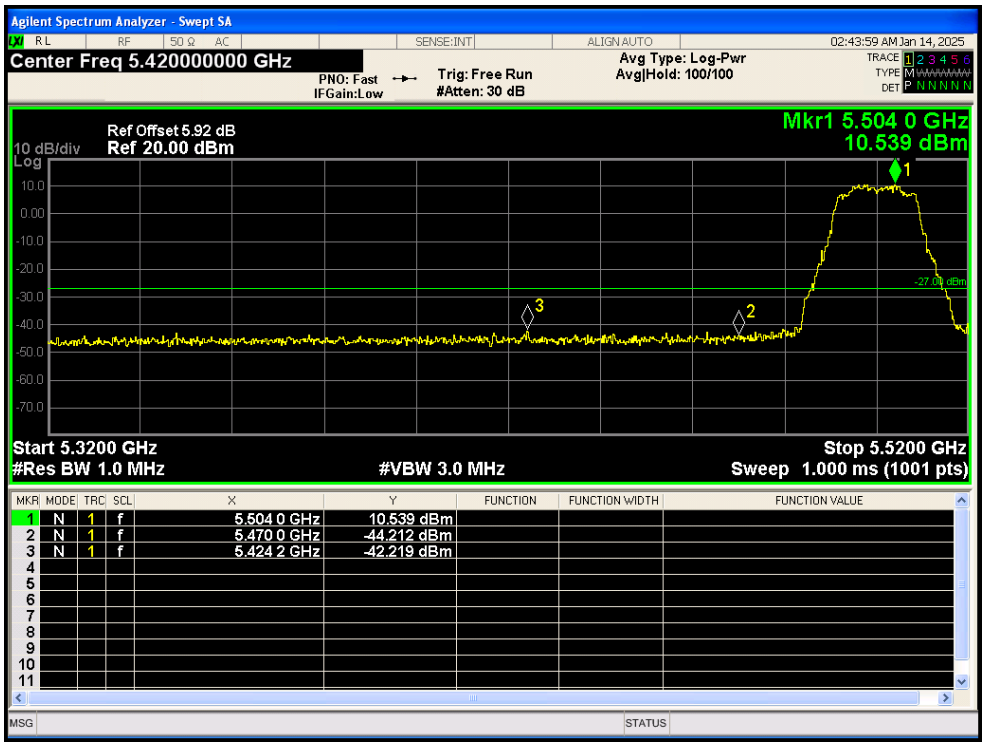
Band Edge NVNT a 5500MHz Low Ant1



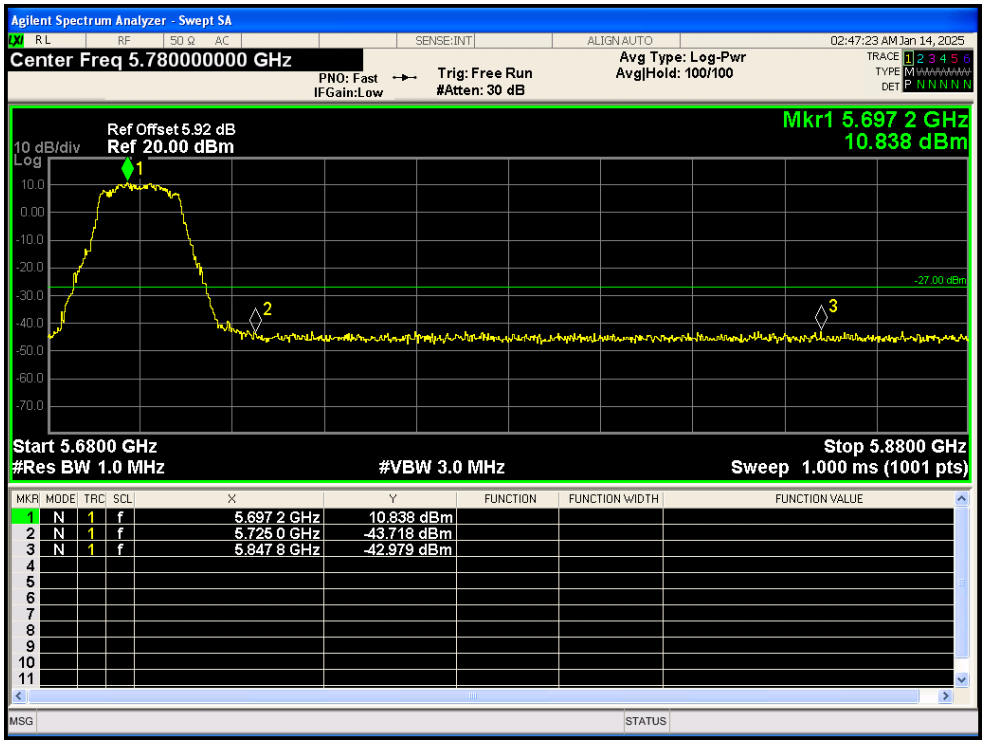
Band Edge NVNT a 5700MHz High Ant1



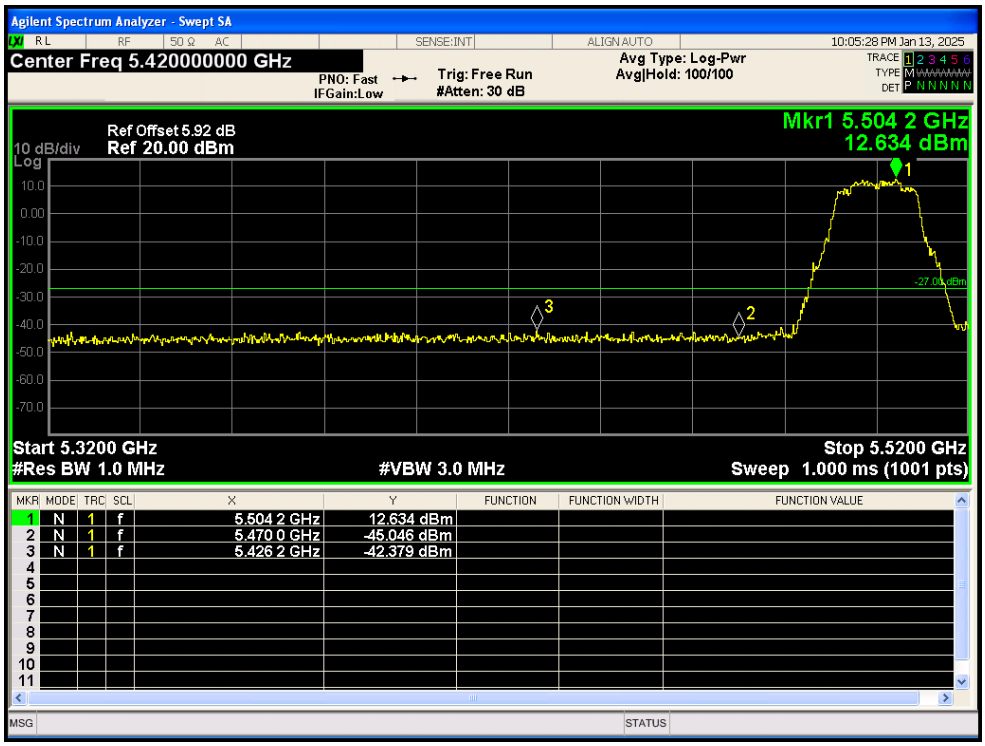
Band Edge NVNT a 5500MHz Low Ant2



Band Edge NVNT a 5700MHz High Ant2



Band Edge NVNT ac20 5500MHz Low Ant1



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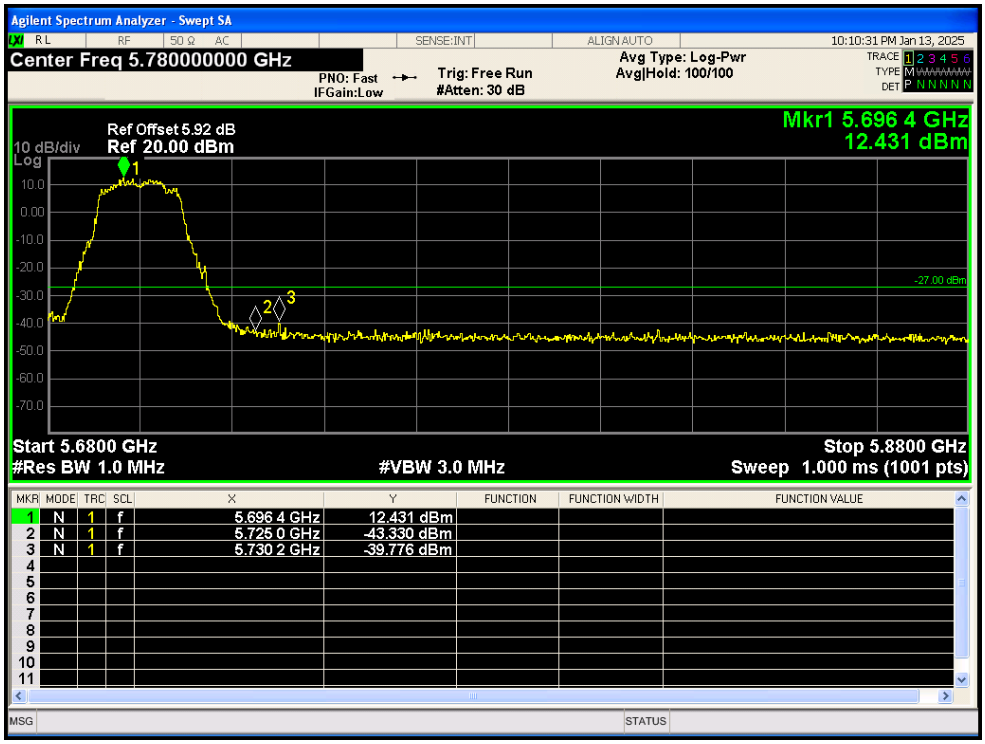
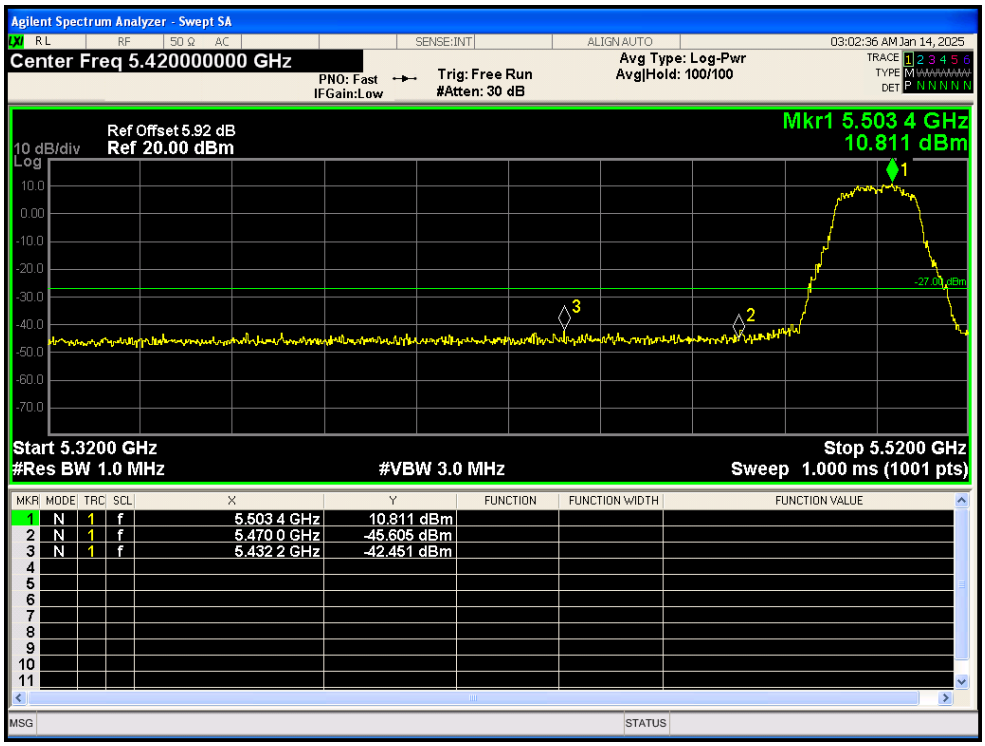
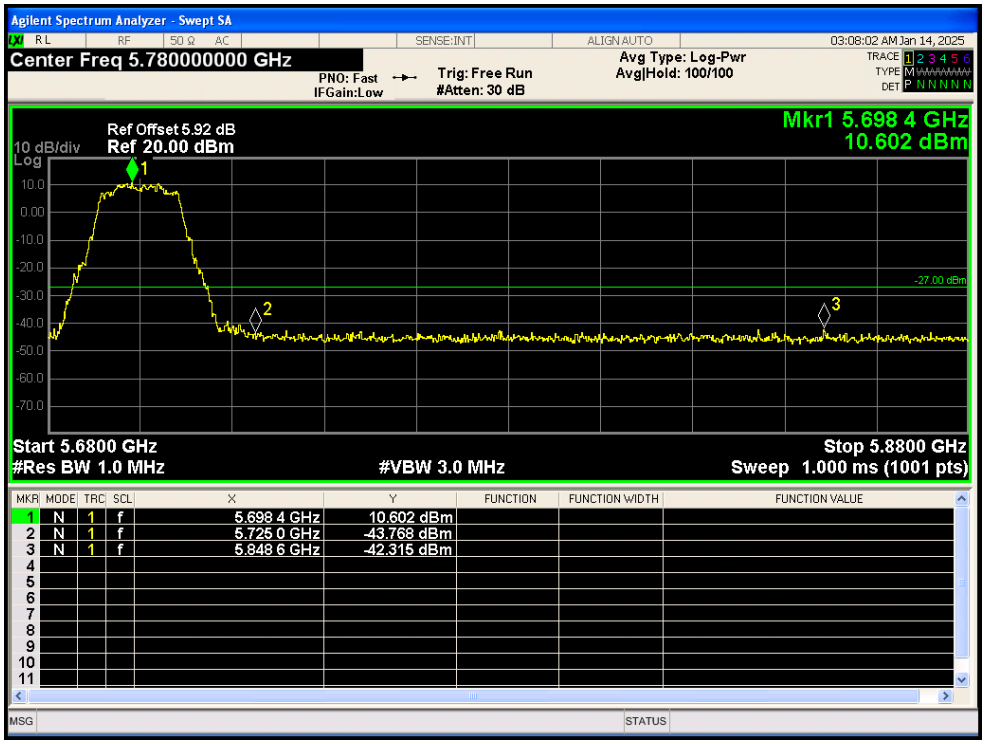


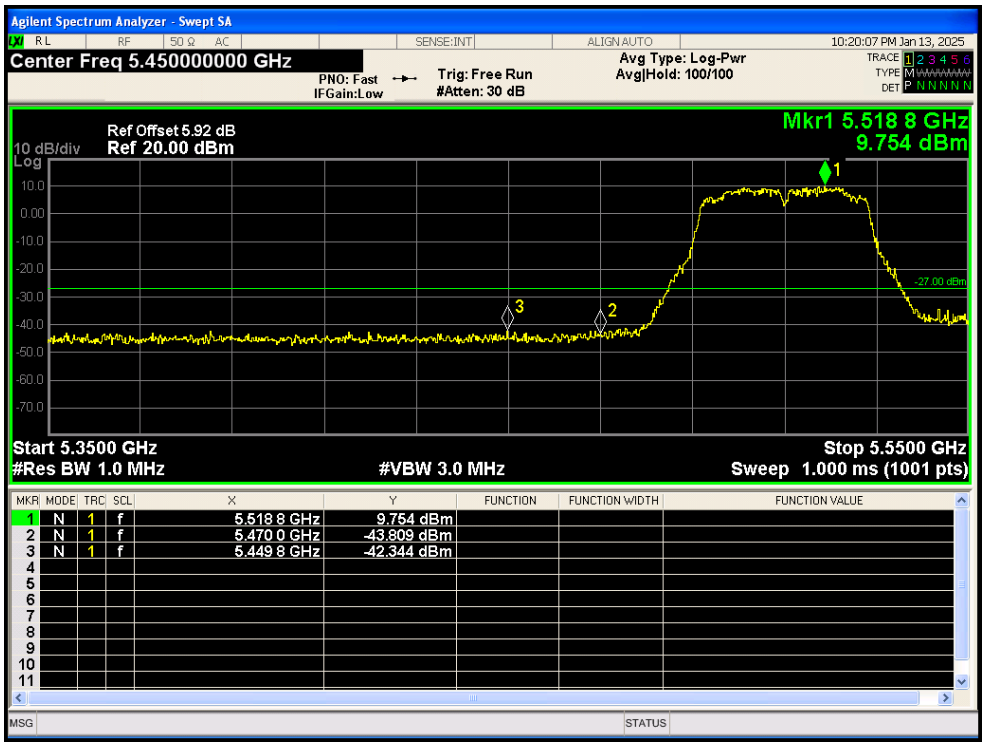
Band Edge NVNT ac20 5500MHz Low Ant2



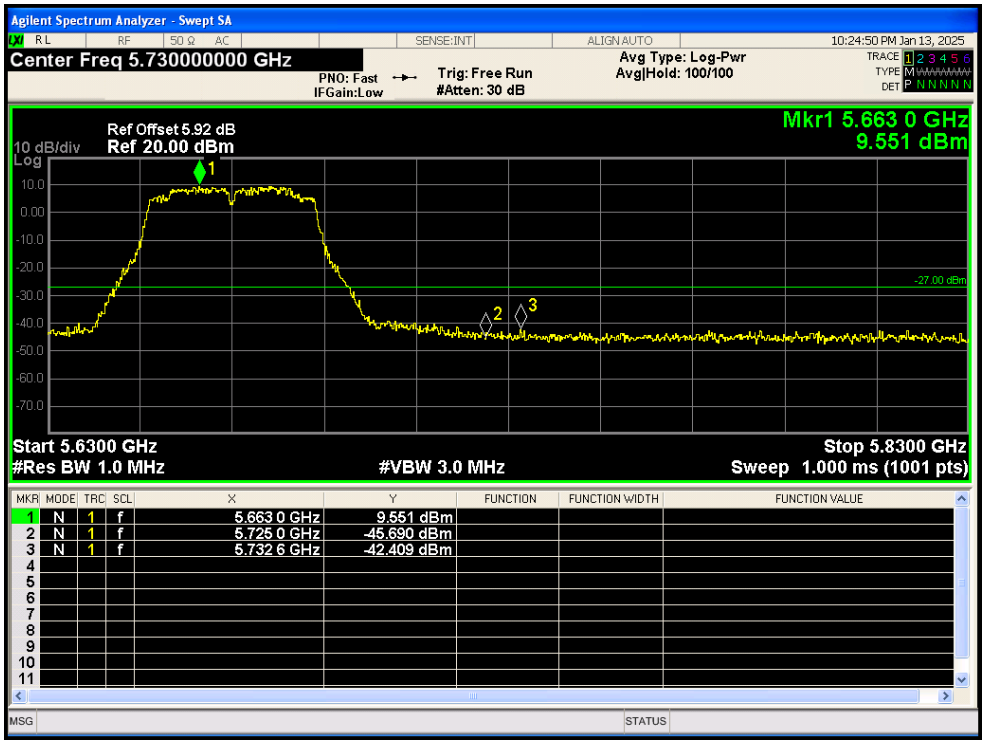
Band Edge NVNT ac20 5700MHz High Ant2



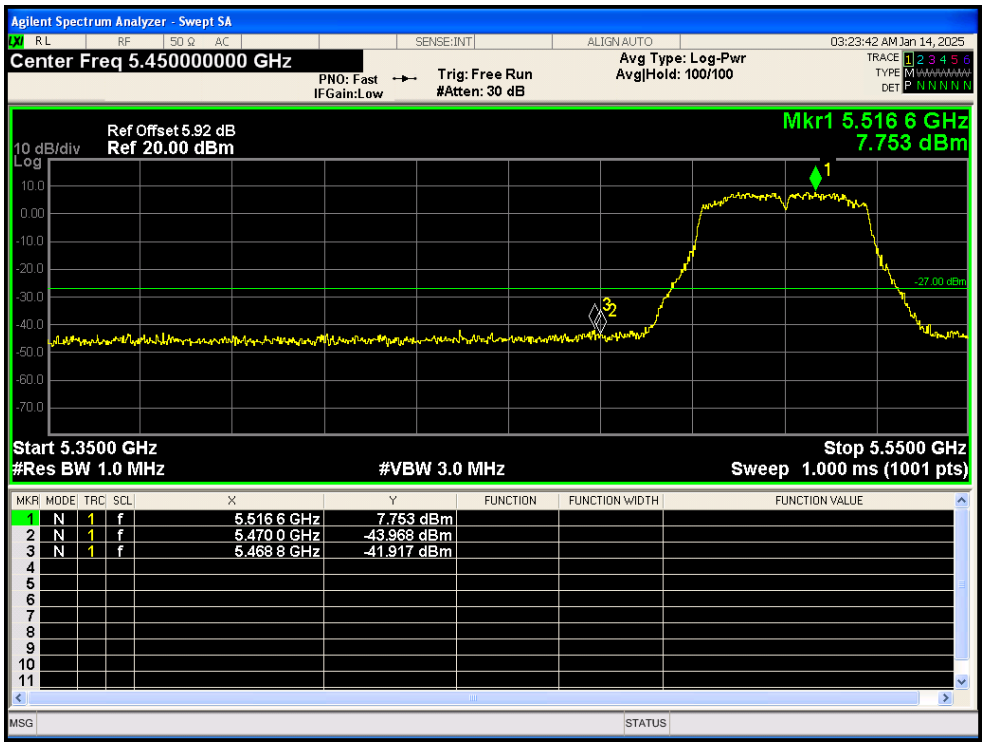
Band Edge NVNT ac40 5510MHz Low Ant1



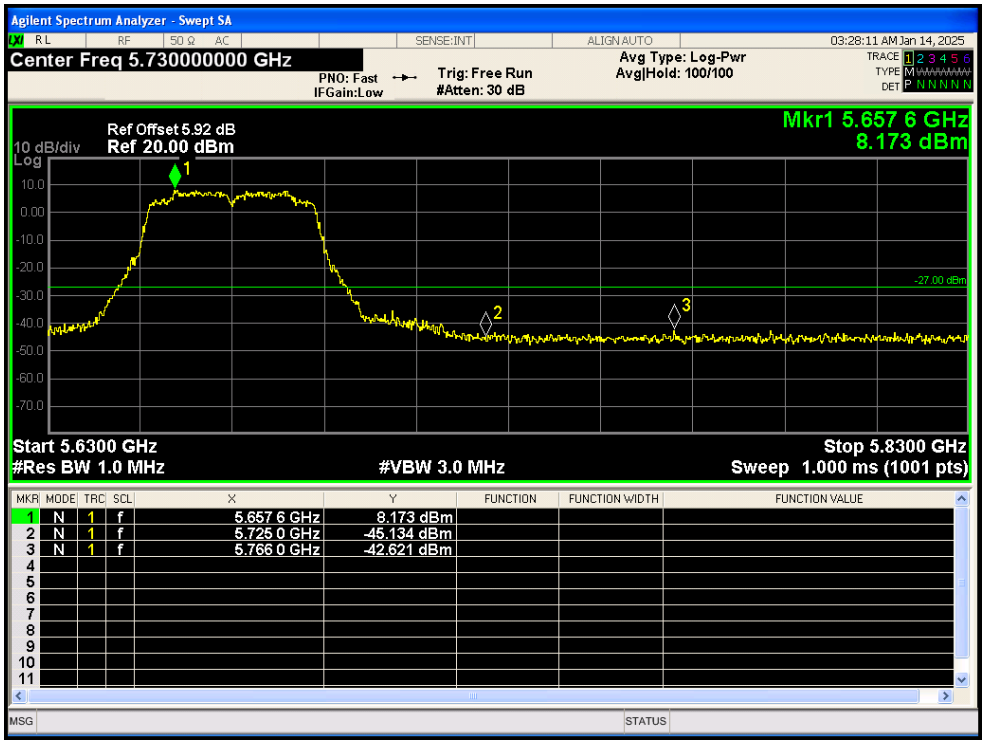
Band Edge NVNT ac40 5670MHz High Ant1



Band Edge NVNT ac40 5510MHz Low Ant2



Band Edge NVNT ac40 5670MHz High Ant2



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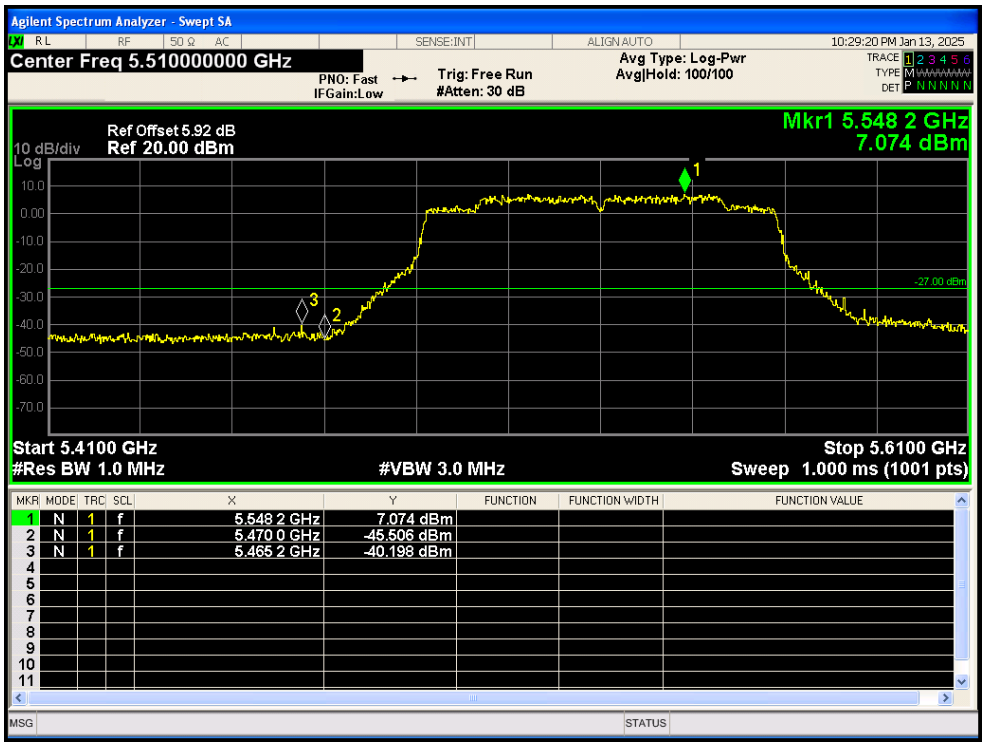
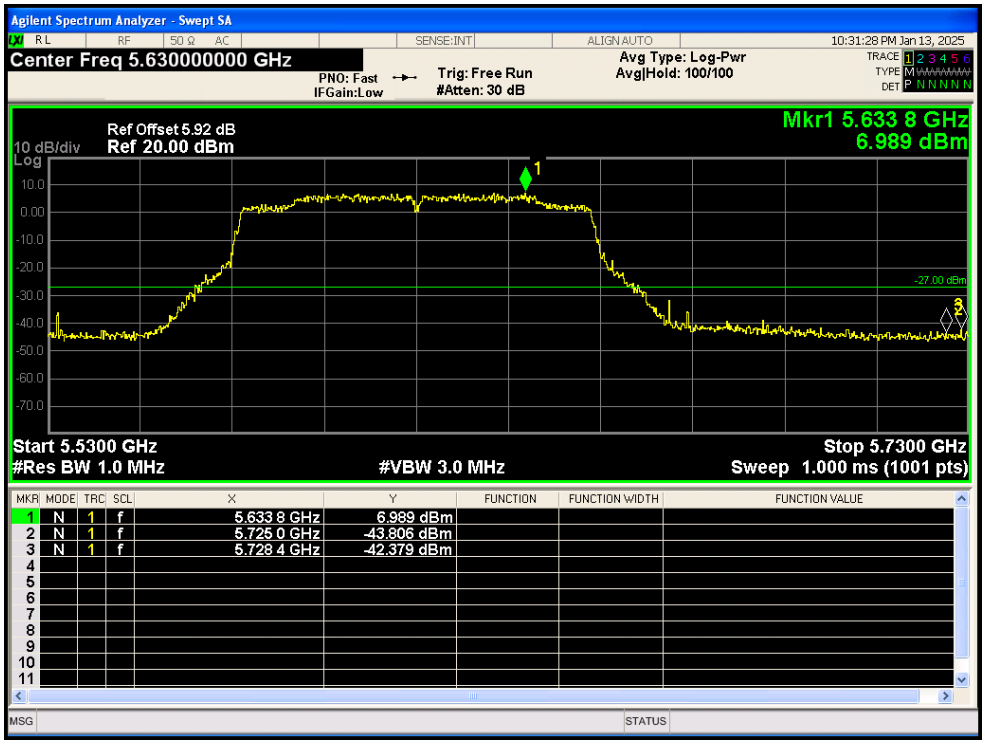
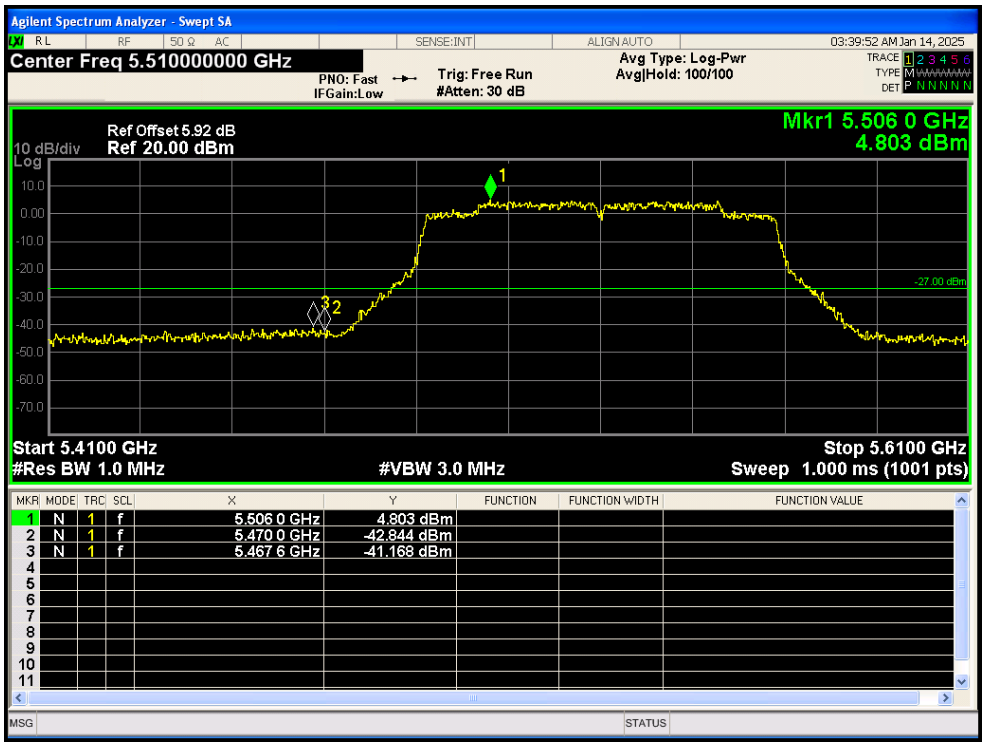


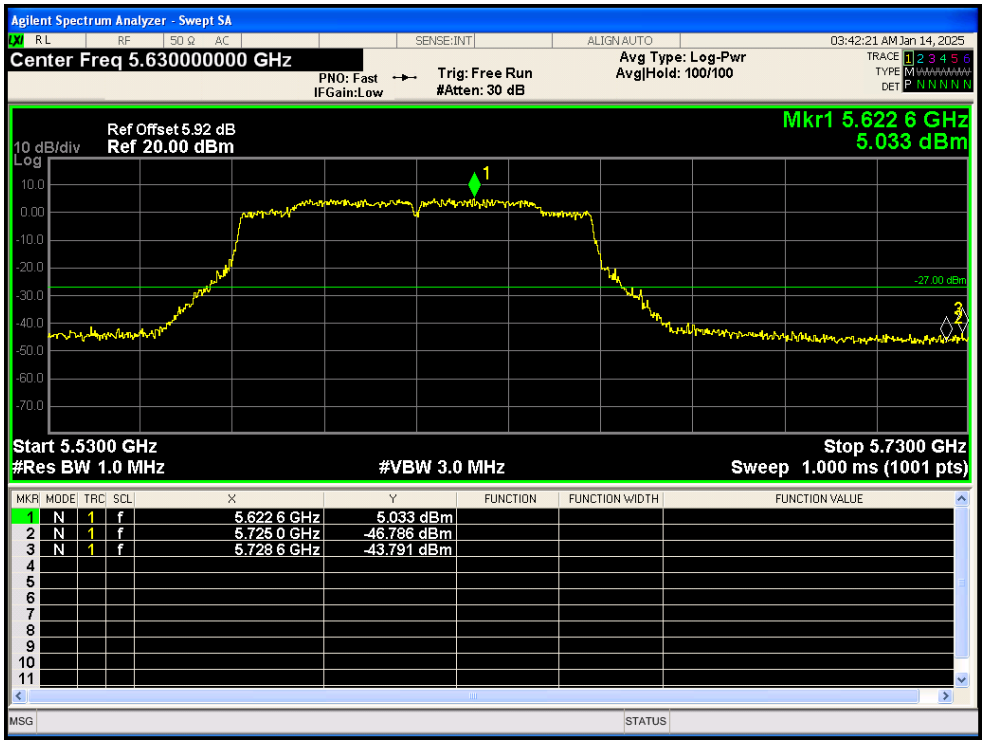
Band Edge NVNT ac80 5610MHz High Ant1



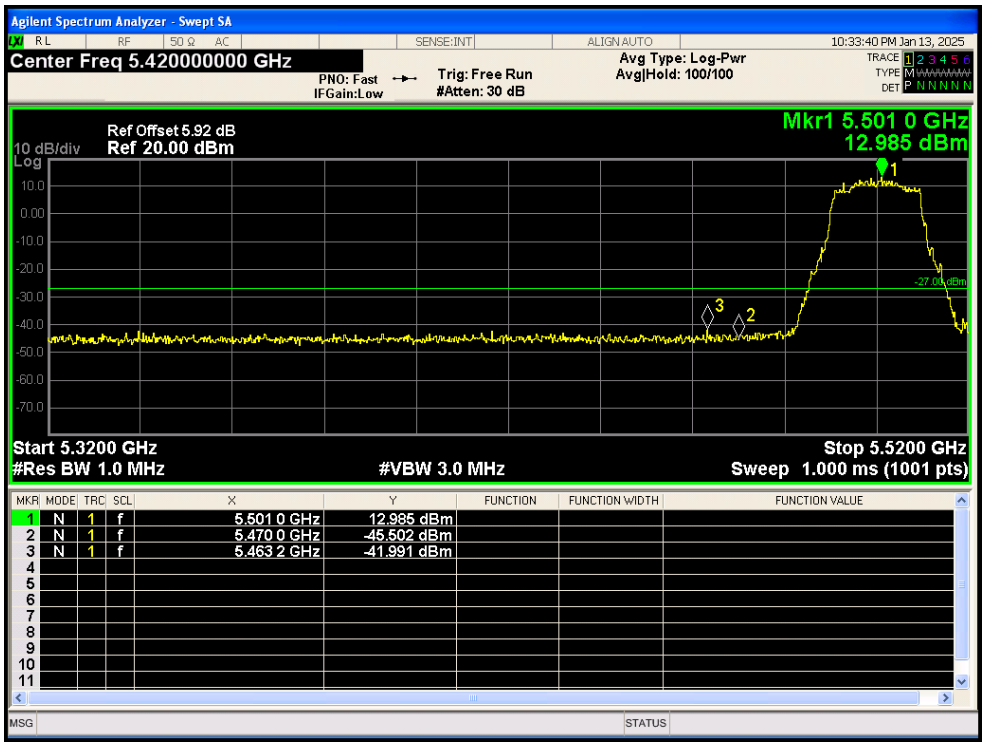
Band Edge NVNT ac80 5530MHz Low Ant2



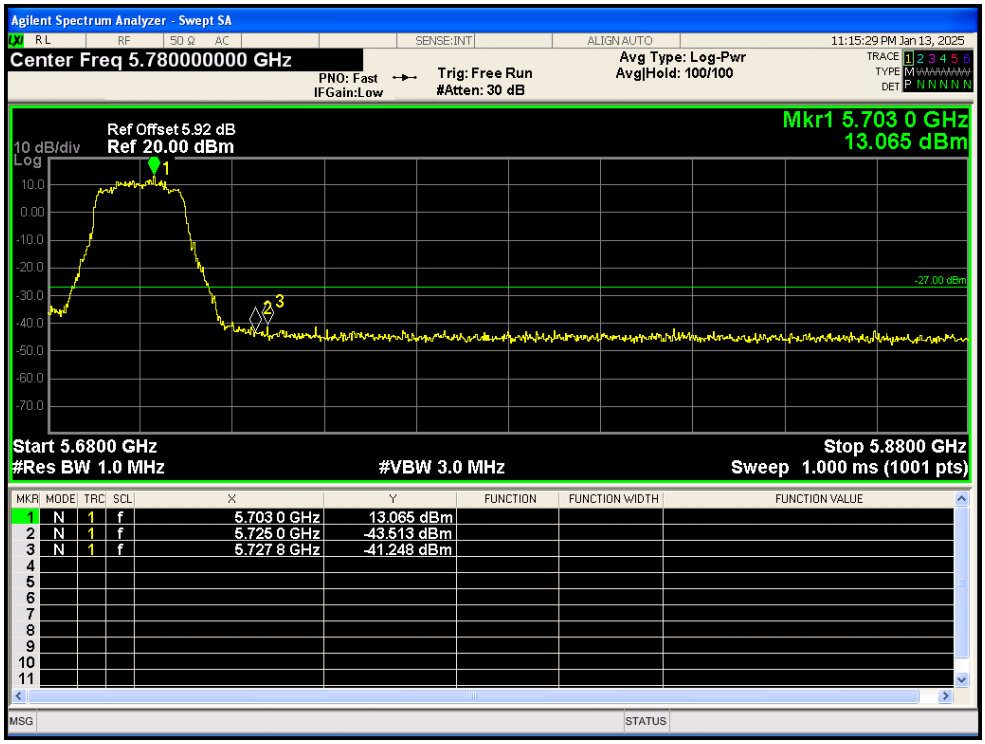
Band Edge NVNT ac80 5610MHz High Ant2



Band Edge NVNT ax20 5500MHz Low Ant1



Band Edge NVNT ax20 5700MHz High Ant1



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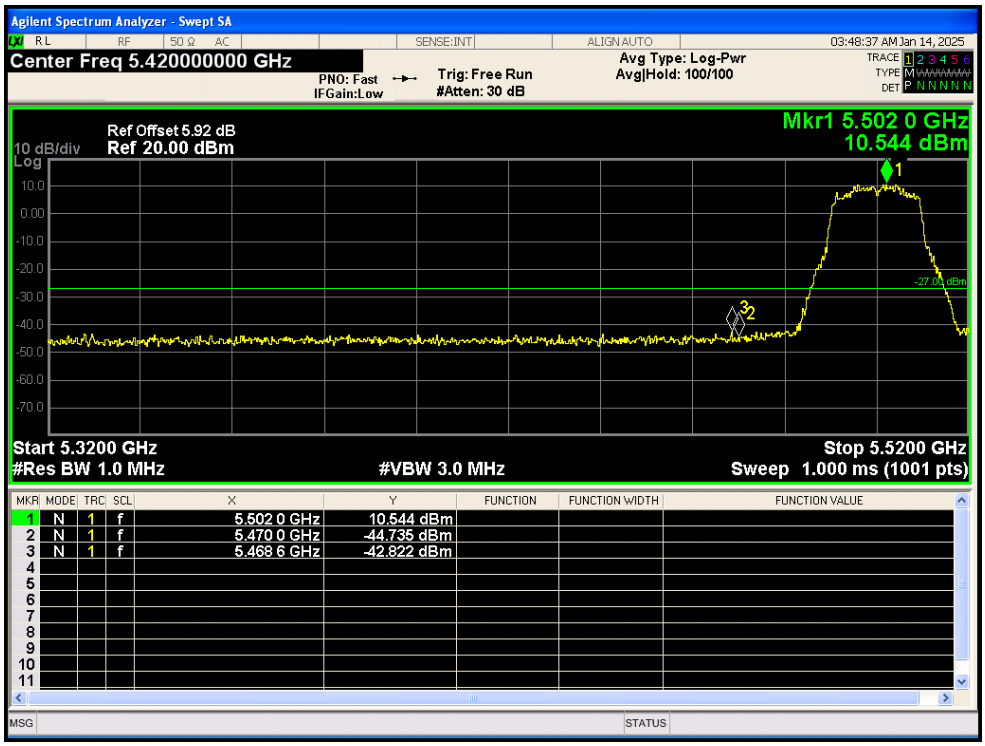
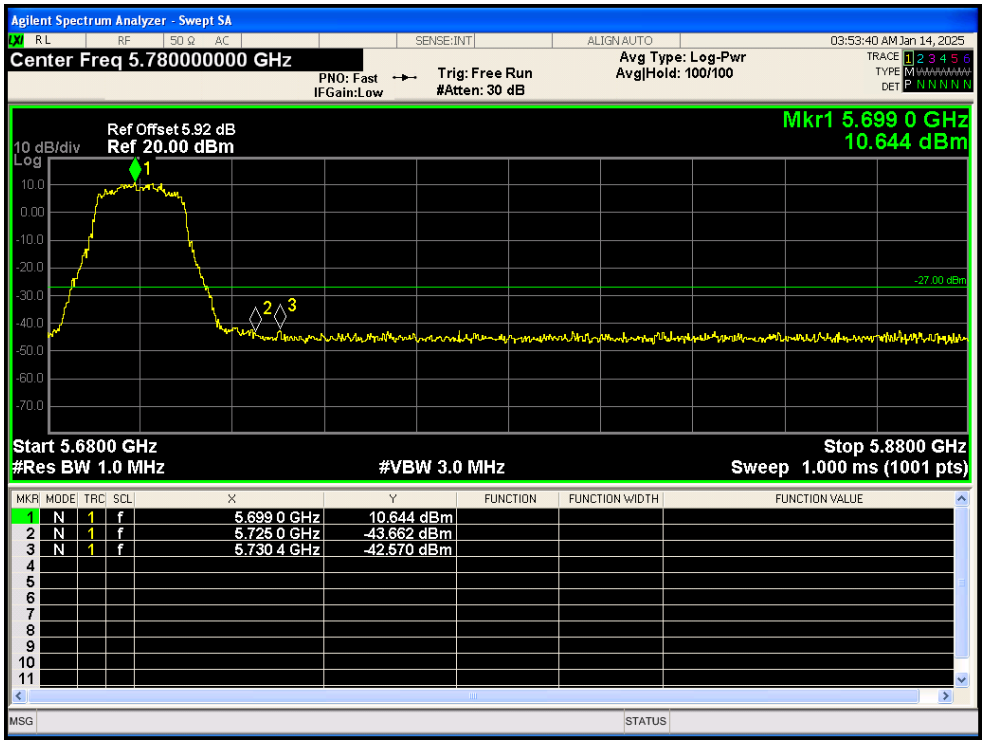
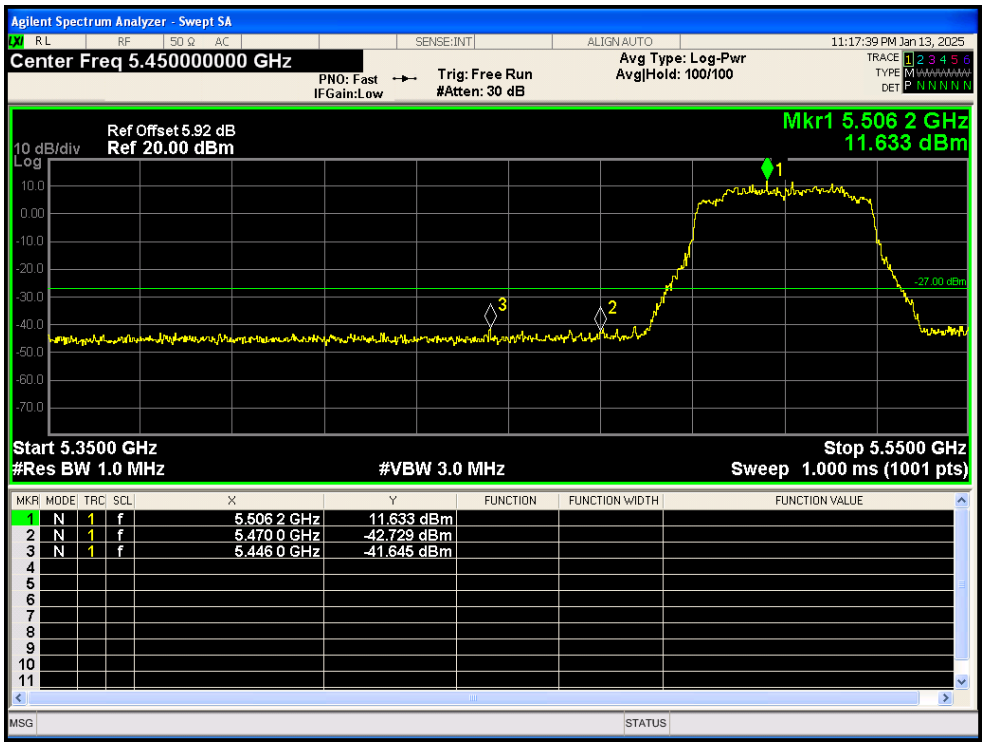


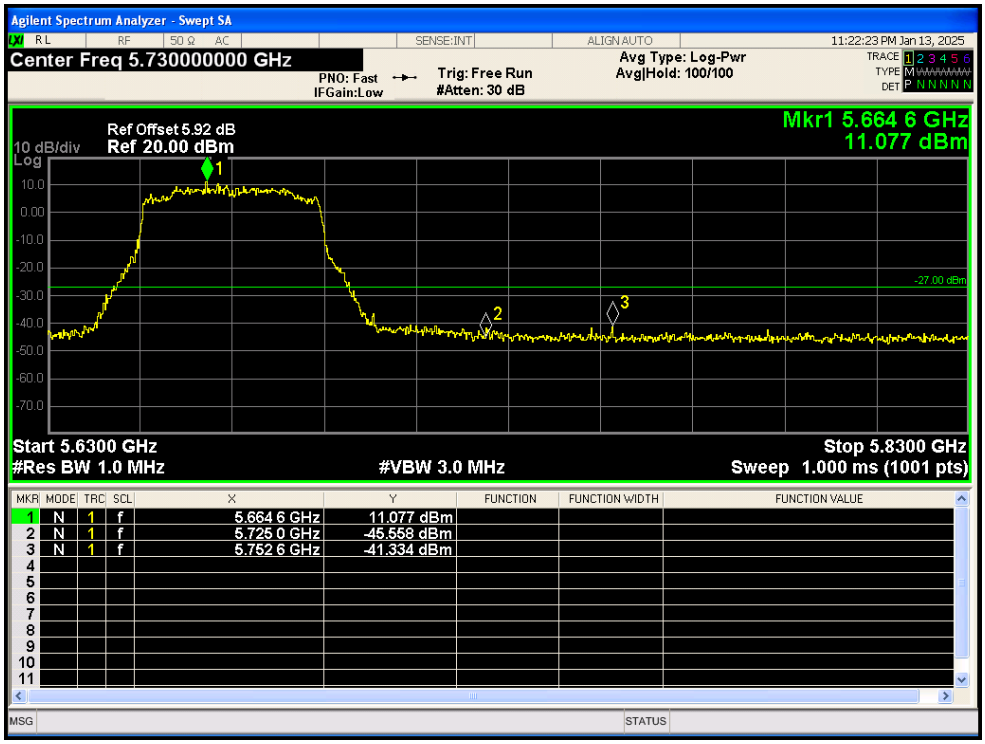
Band Edge NVNT ax20 5700MHz High Ant2



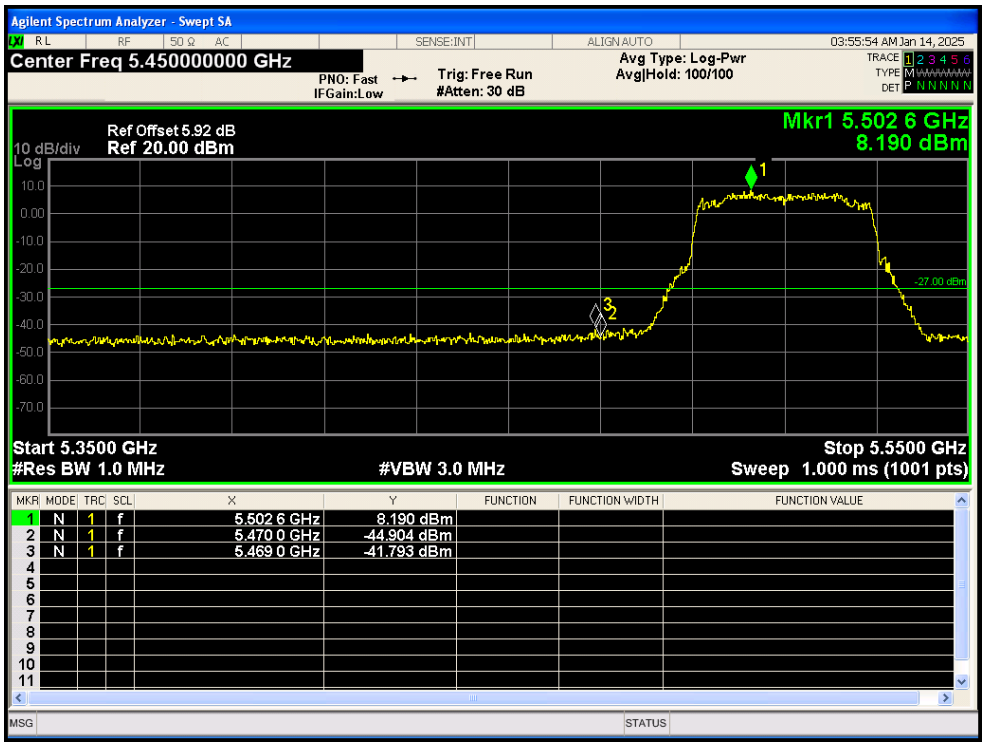
Band Edge NVNT ax40 5510MHz Low Ant1



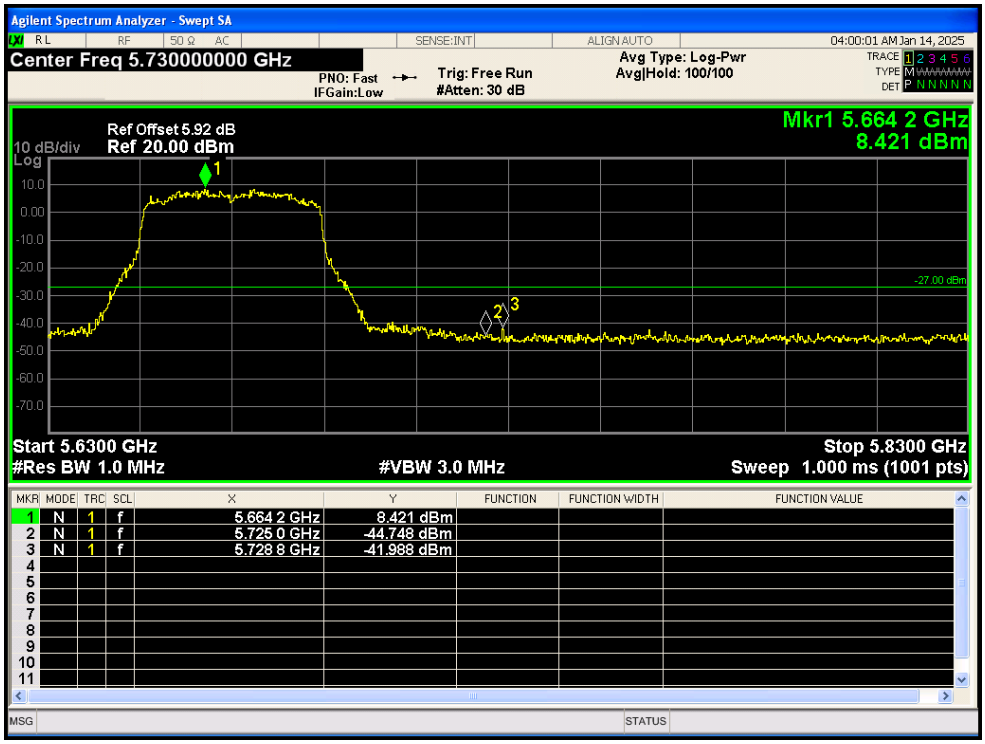
Band Edge NVNT ax40 5670MHz High Ant1



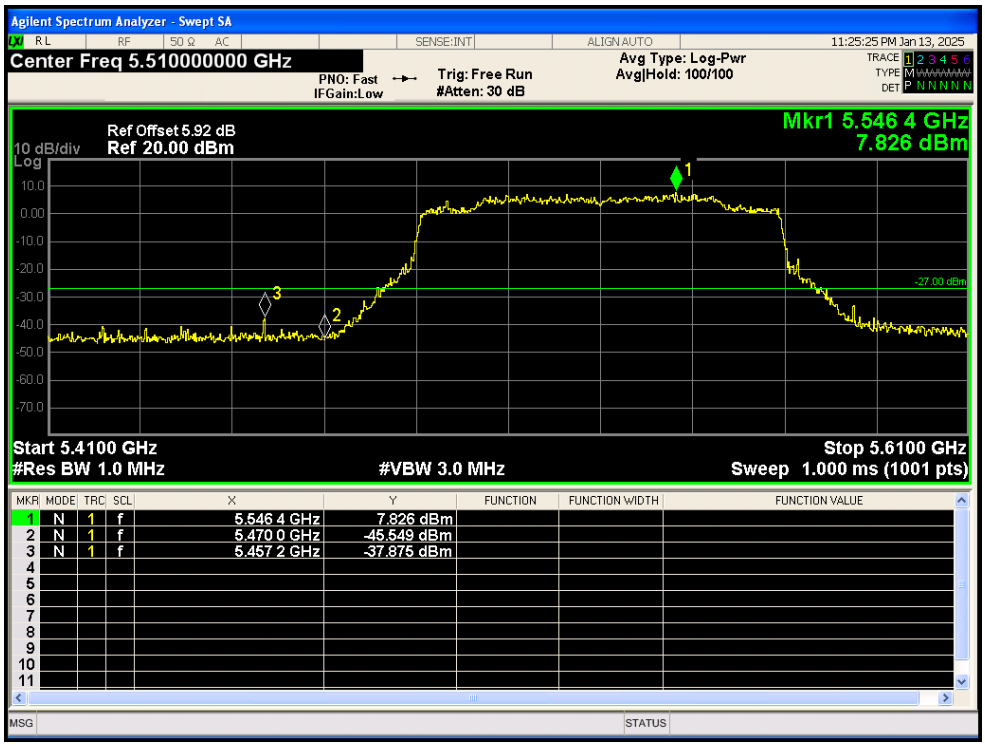
Band Edge NVNT ax40 5510MHz Low Ant2



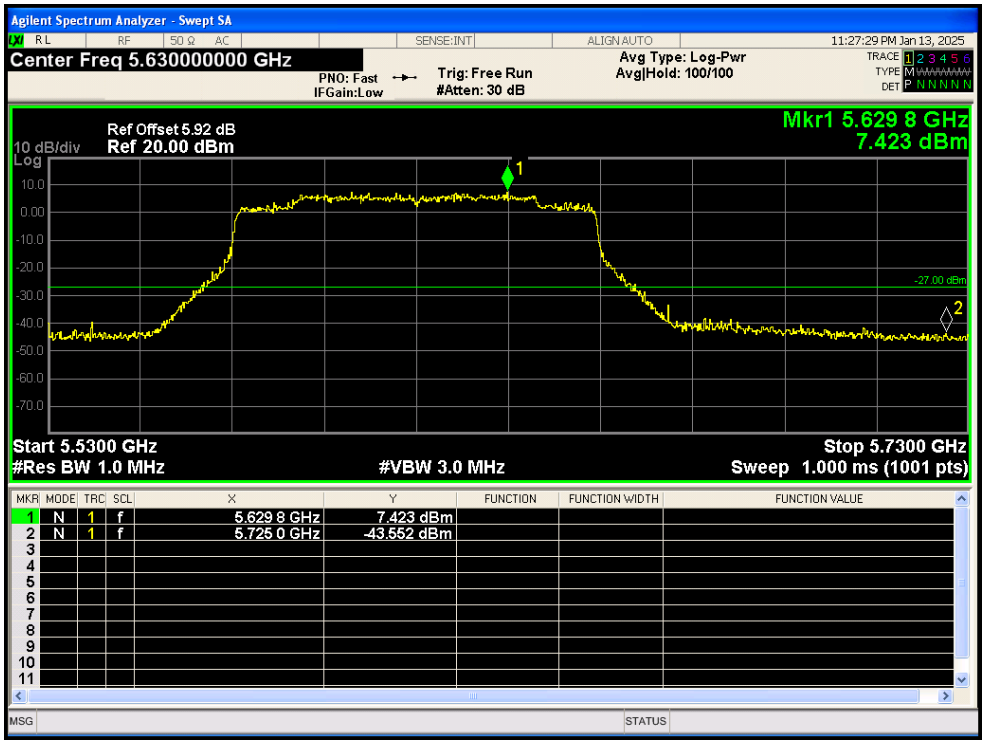
Band Edge NVNT ax40 5670MHz High Ant2



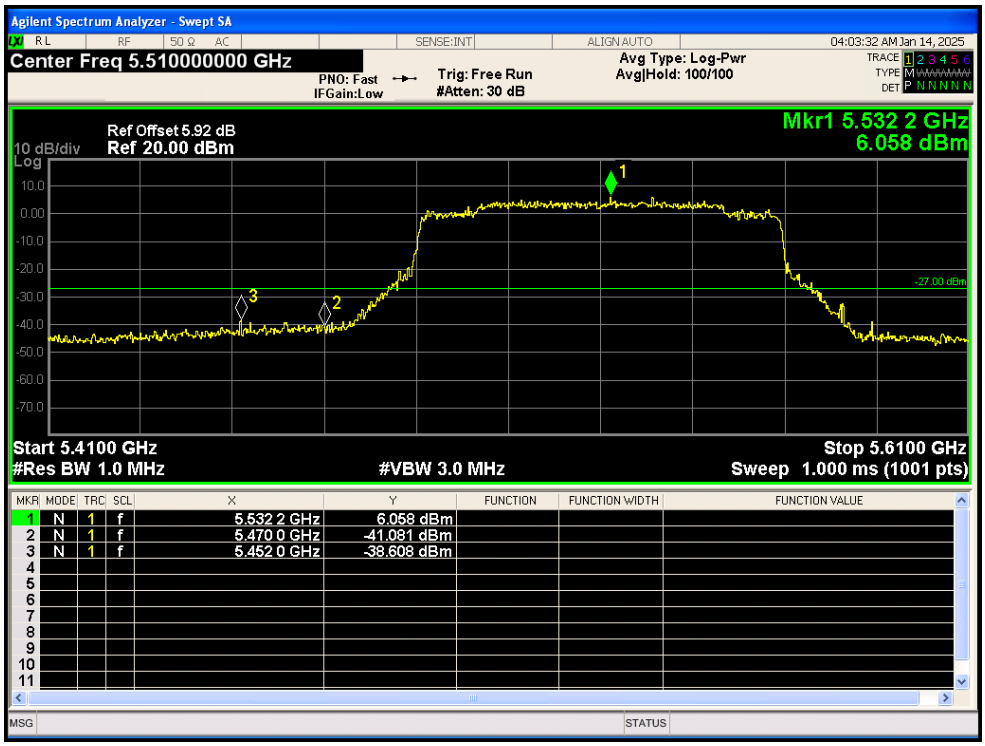
Band Edge NVNT ax80 5530MHz Low Ant1



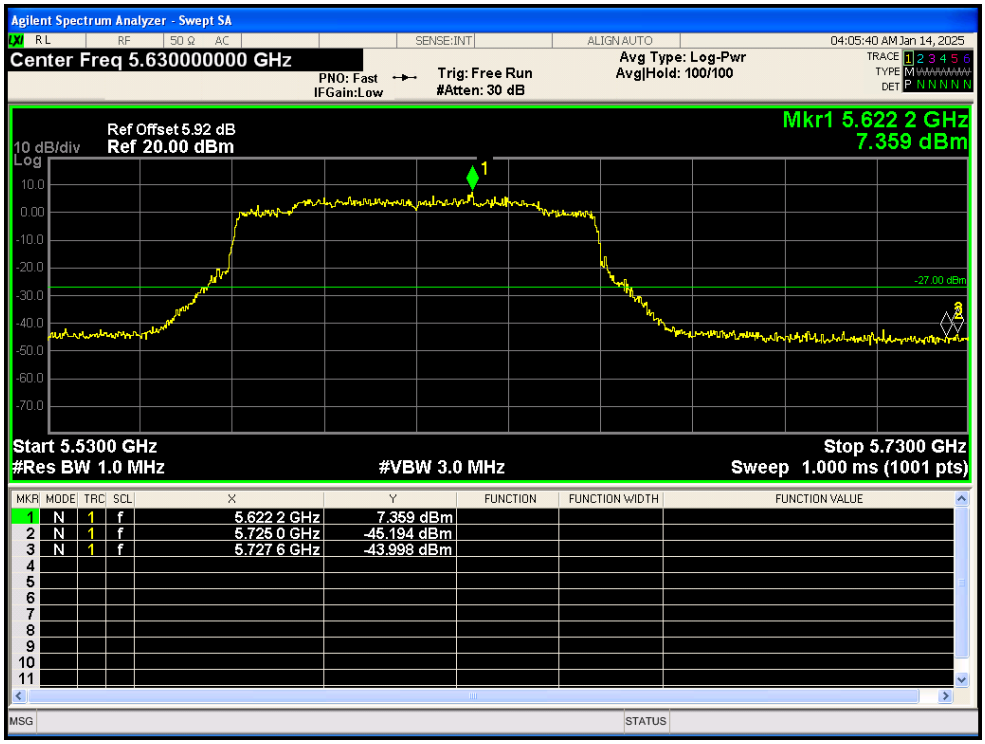
Band Edge NVNT ax80 5610MHz High Ant1



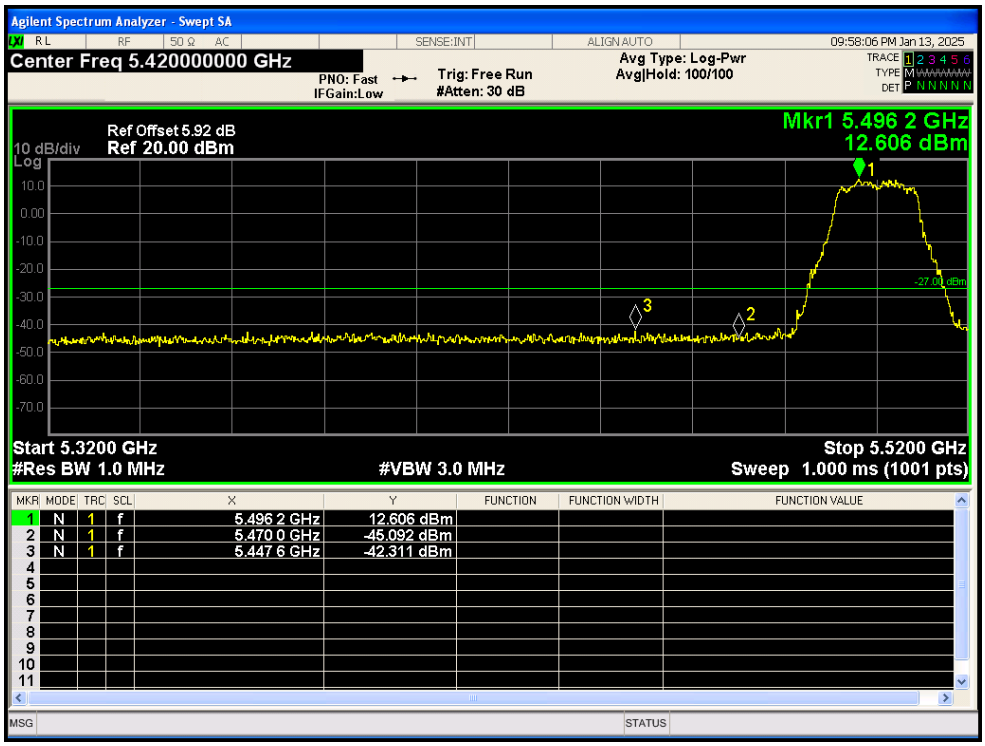
Band Edge NVNT ax80 5530MHz Low Ant2



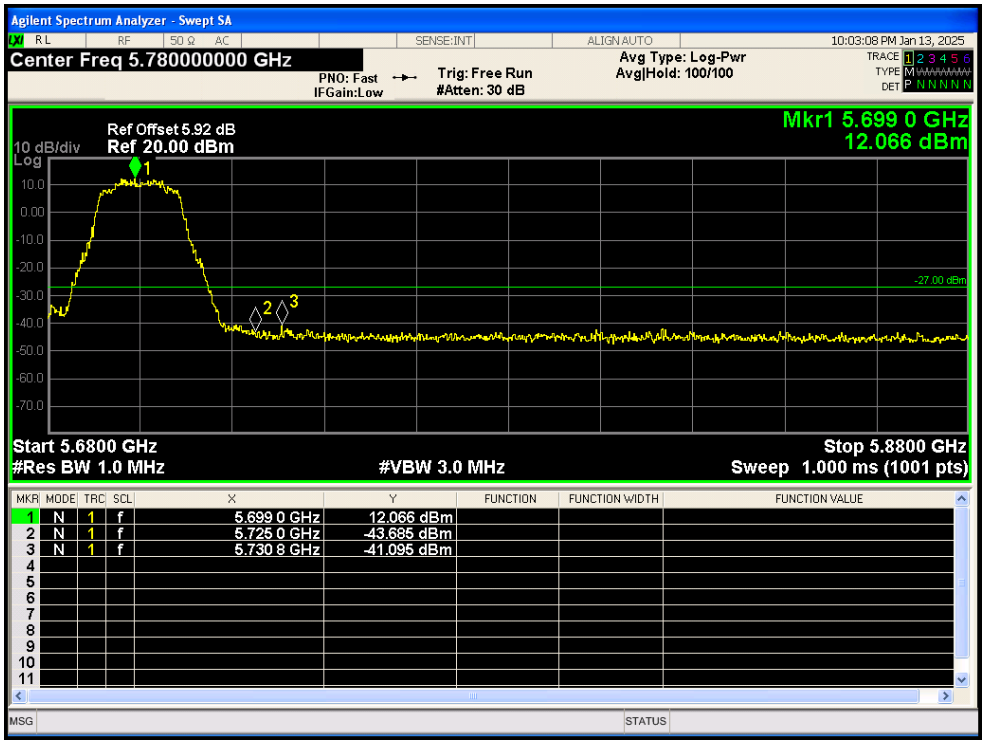
Band Edge NVNT ax80 5610MHz High Ant2



Band Edge NVNT n20 5500MHz Low Ant1



Band Edge NVNT n20 5700MHz High Ant1



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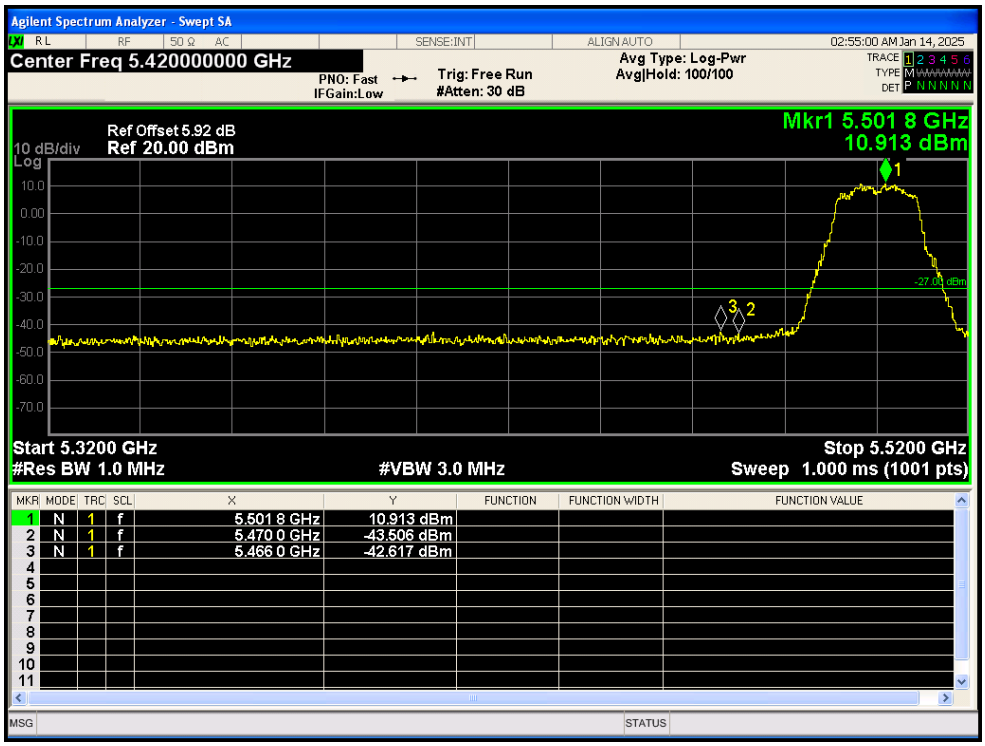

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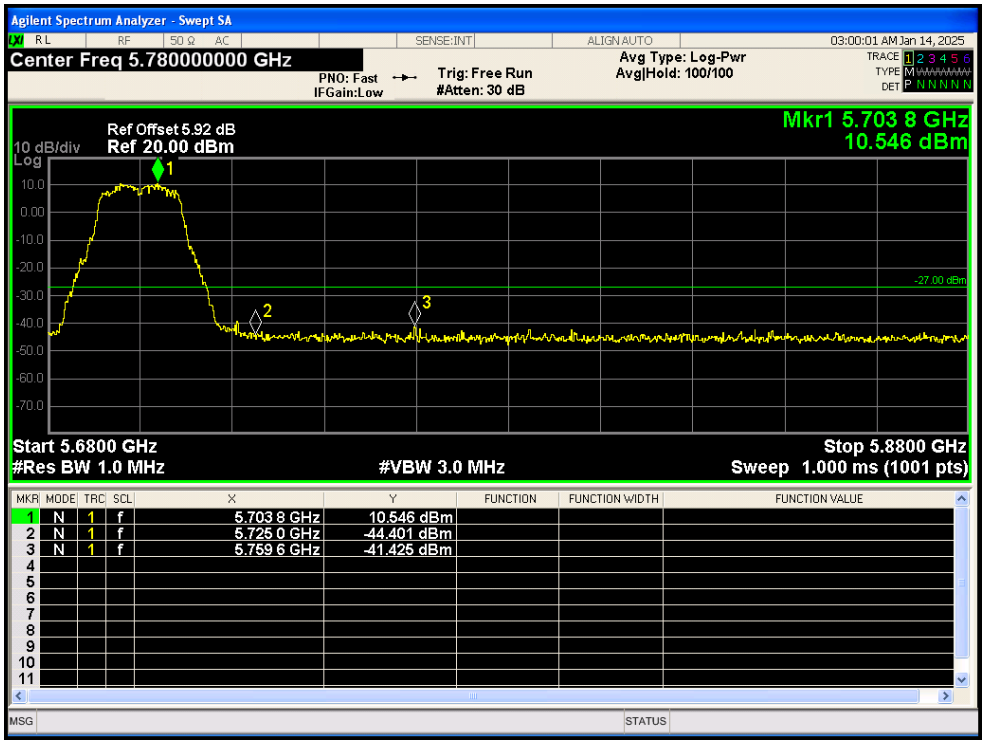
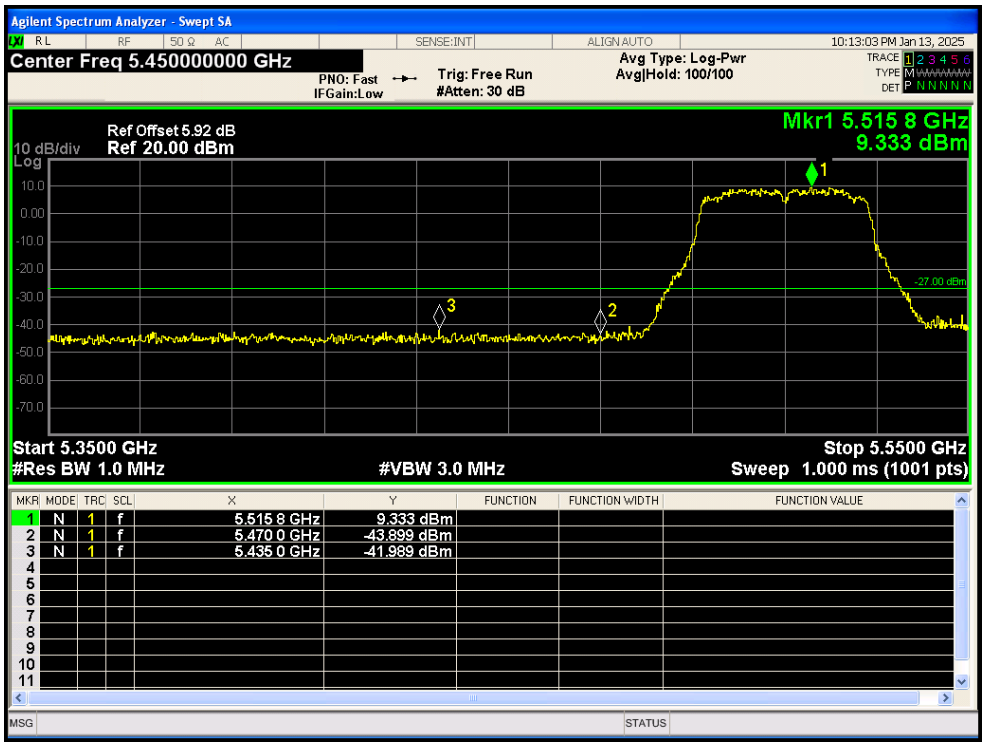
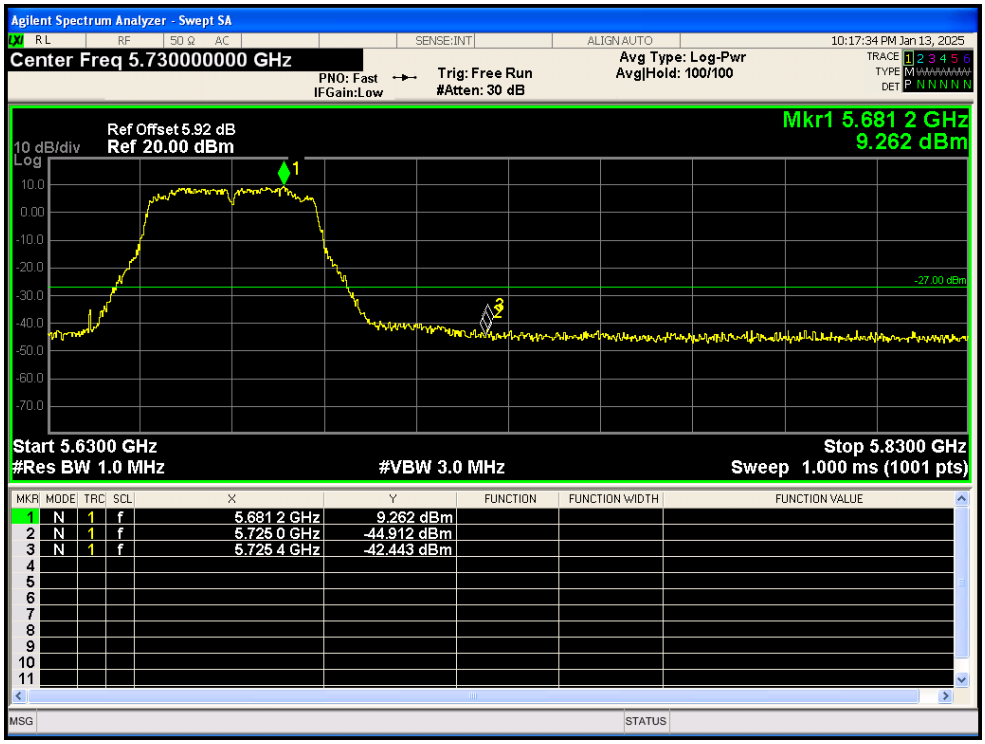


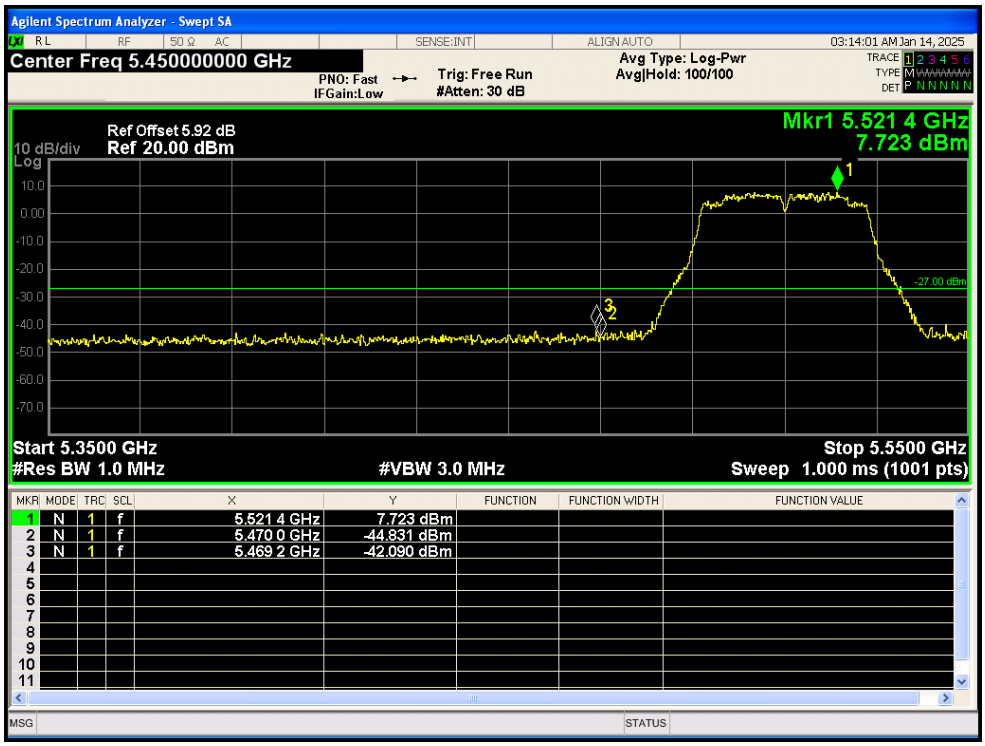
Band Edge NVNT n40 5510MHz Low Ant1



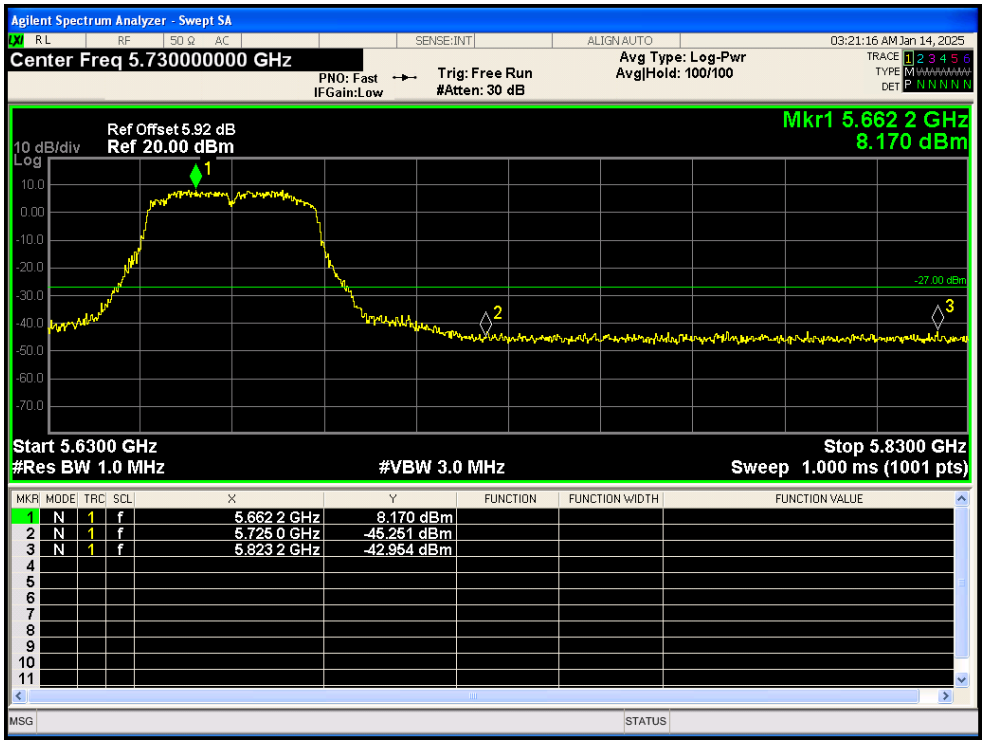
Band Edge NVNT n40 5670MHz High Ant1



Band Edge NVNT n40 5510MHz Low Ant2



Band Edge NVNT n40 5670MHz High Ant2

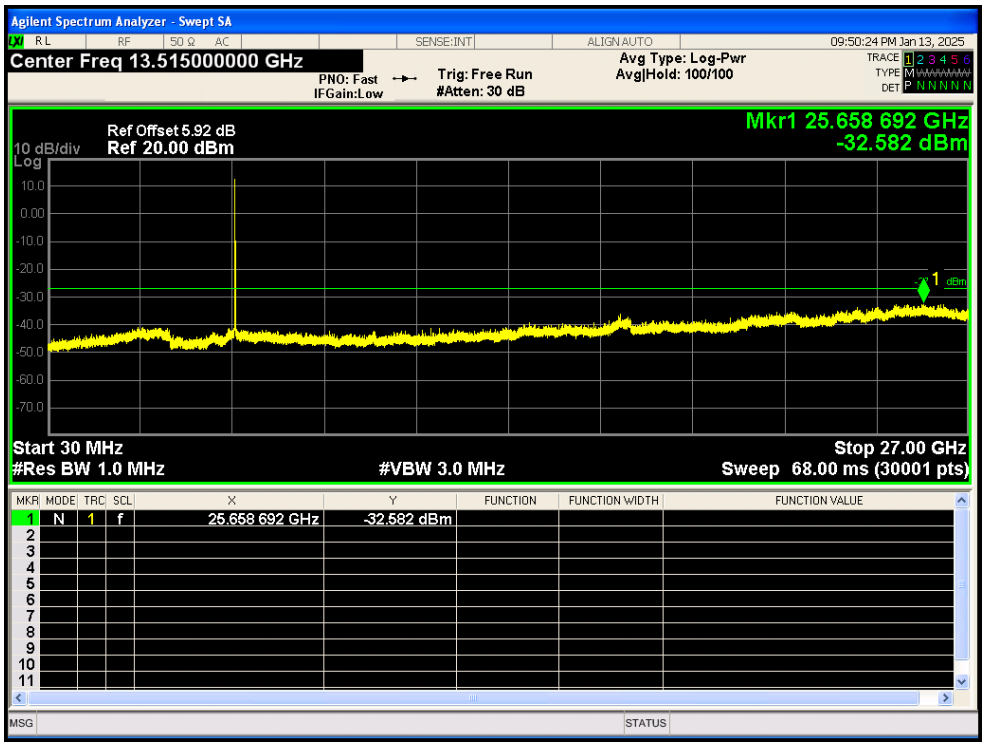


Conducted RF Spurious Emission

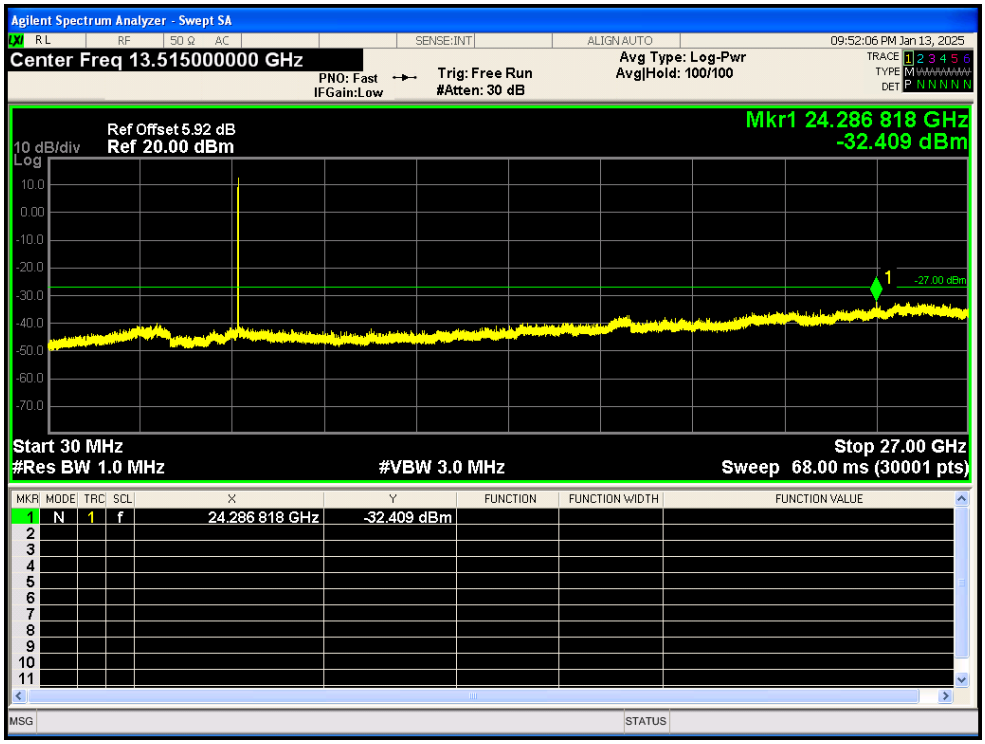
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-32.58	-27	Pass
NVNT	a	5600	Ant1	-32.4	-27	Pass
NVNT	a	5700	Ant1	-31.97	-27	Pass
NVNT	a	5500	Ant2	-32.16	-27	Pass
NVNT	a	5600	Ant2	-32.56	-27	Pass
NVNT	a	5700	Ant2	-32.33	-27	Pass
NVNT	ac20	5500	Ant1	-31.57	-27	Pass
NVNT	ac20	5600	Ant1	-31.6	-27	Pass
NVNT	ac20	5700	Ant1	-32.18	-27	Pass
NVNT	ac20	5500	Ant2	-32.4	-27	Pass
NVNT	ac20	5600	Ant2	-32.84	-27	Pass
NVNT	ac20	5700	Ant2	-31.83	-27	Pass
NVNT	ac40	5510	Ant1	-32.52	-27	Pass
NVNT	ac40	5590	Ant1	-32.12	-27	Pass
NVNT	ac40	5670	Ant1	-32.23	-27	Pass
NVNT	ac40	5510	Ant2	-32.09	-27	Pass
NVNT	ac40	5590	Ant2	-32.57	-27	Pass
NVNT	ac40	5670	Ant2	-32.39	-27	Pass
NVNT	ac80	5530	Ant1	-31.59	-27	Pass
NVNT	ac80	5610	Ant1	-31.62	-27	Pass
NVNT	ac80	5530	Ant2	-32.4	-27	Pass
NVNT	ac80	5610	Ant2	-32.34	-27	Pass
NVNT	ax20	5500	Ant1	-32.12	-27	Pass
NVNT	ax20	5600	Ant1	-31.61	-27	Pass
NVNT	ax20	5700	Ant1	-32.42	-27	Pass
NVNT	ax20	5500	Ant2	-32.18	-27	Pass

NVNT	ax20	5600	Ant2	-31.74	-27	Pass
NVNT	ax20	5700	Ant2	-31.85	-27	Pass
NVNT	ax40	5510	Ant1	-32.88	-27	Pass
NVNT	ax40	5590	Ant1	-32.57	-27	Pass
NVNT	ax40	5670	Ant1	-31.77	-27	Pass
NVNT	ax40	5510	Ant2	-31.63	-27	Pass
NVNT	ax40	5590	Ant2	-31.88	-27	Pass
NVNT	ax40	5670	Ant2	-33.01	-27	Pass
NVNT	ax80	5530	Ant1	-32.24	-27	Pass
NVNT	ax80	5610	Ant1	-32.54	-27	Pass
NVNT	ax80	5530	Ant2	-32.04	-27	Pass
NVNT	ax80	5610	Ant2	-32.08	-27	Pass
NVNT	n20	5500	Ant1	-32.32	-27	Pass
NVNT	n20	5600	Ant1	-31.95	-27	Pass
NVNT	n20	5700	Ant1	-32.37	-27	Pass
NVNT	n20	5500	Ant2	-31.67	-27	Pass
NVNT	n20	5600	Ant2	-32.75	-27	Pass
NVNT	n20	5700	Ant2	-31.64	-27	Pass
NVNT	n40	5510	Ant1	-32.01	-27	Pass
NVNT	n40	5590	Ant1	-31.49	-27	Pass
NVNT	n40	5670	Ant1	-32.33	-27	Pass
NVNT	n40	5510	Ant2	-31.93	-27	Pass
NVNT	n40	5590	Ant2	-32.34	-27	Pass
NVNT	n40	5670	Ant2	-32.45	-27	Pass

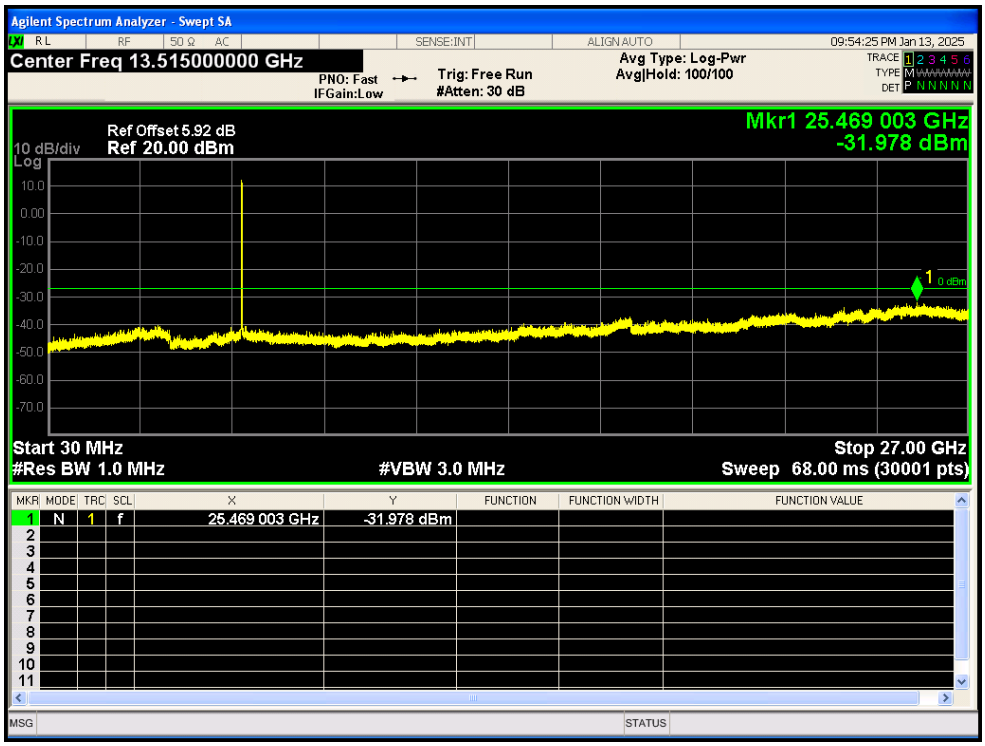
Tx. Spurious NVNT a 5500MHz Ant1 Emission



Tx. Spurious NVNT a 5600MHz Ant1 Emission



Tx. Spurious NVNT a 5700MHz Ant1 Emission



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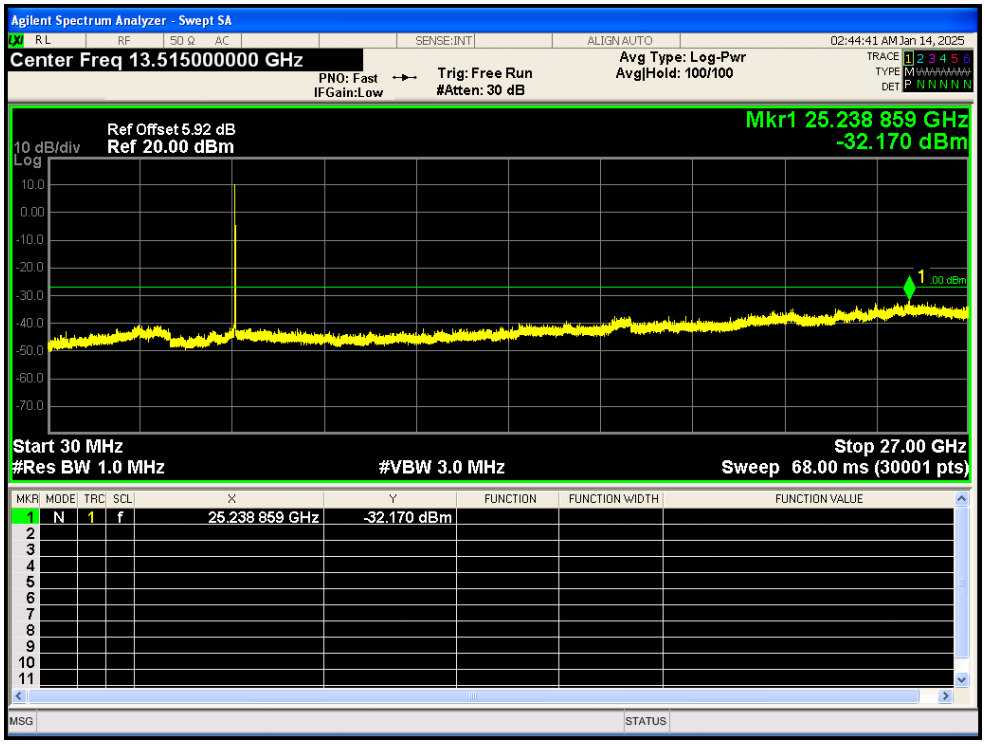
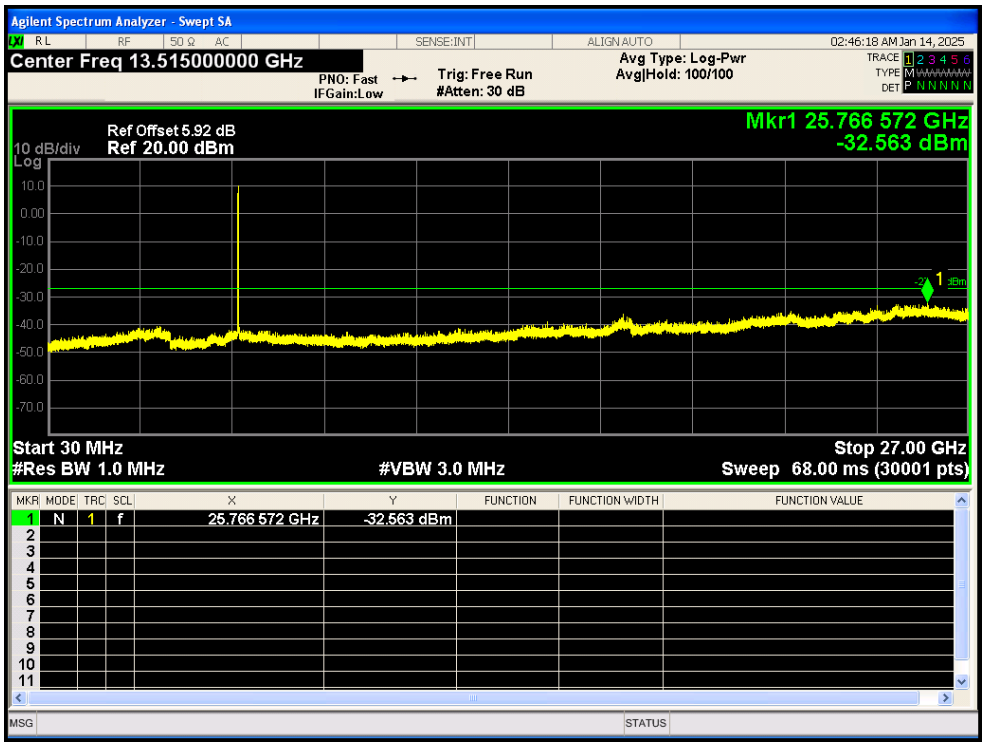
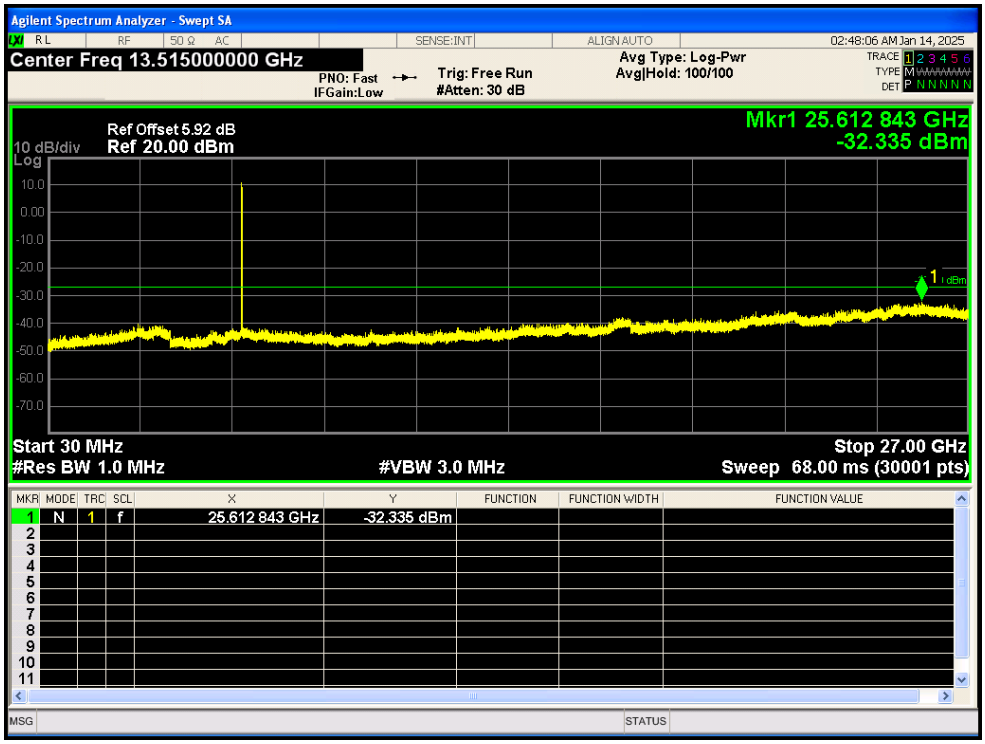


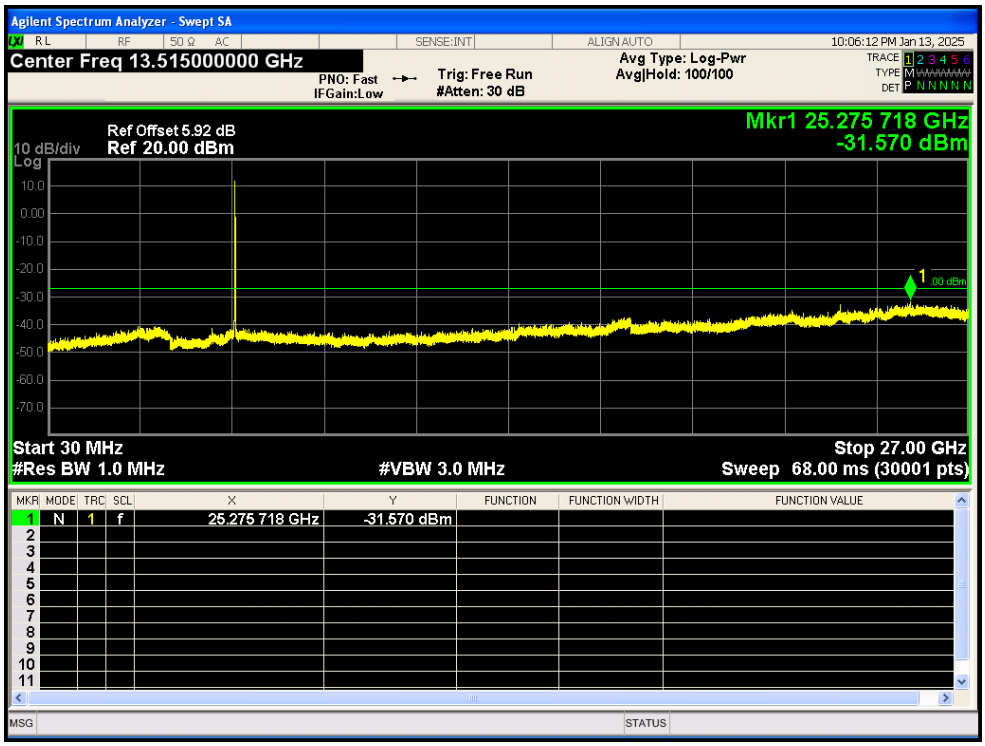
Tx. Spurious NVNT a 5600MHz Ant2 Emission



Tx. Spurious NVNT a 5700MHz Ant2 Emission



Tx. Spurious NVNT ac20 5500MHz Ant1 Emission



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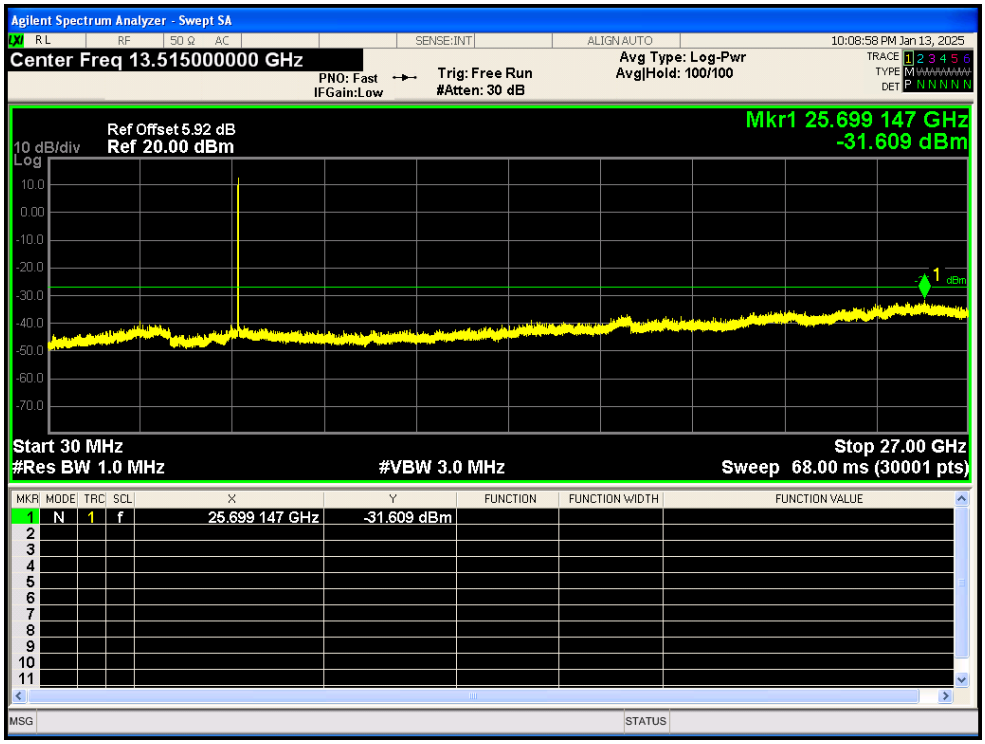

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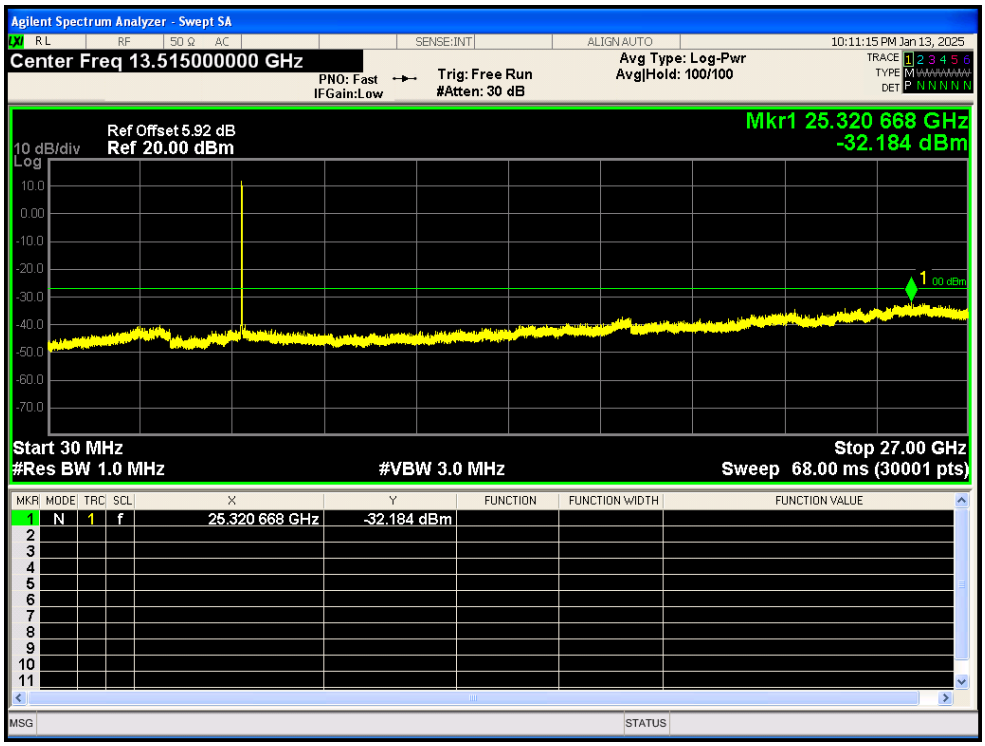

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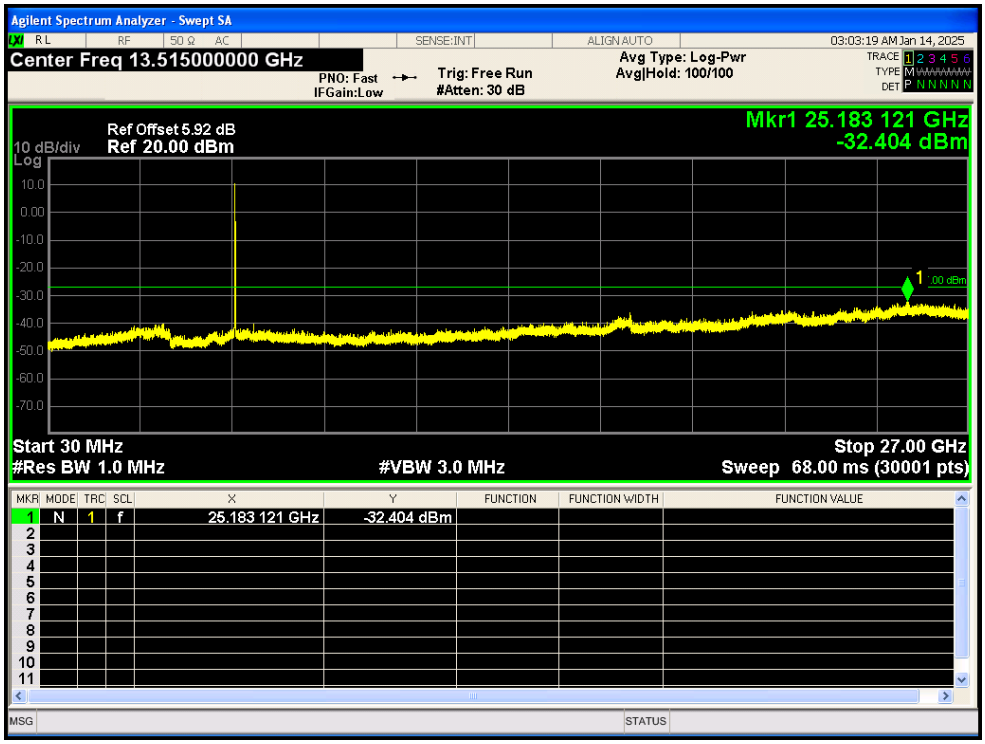

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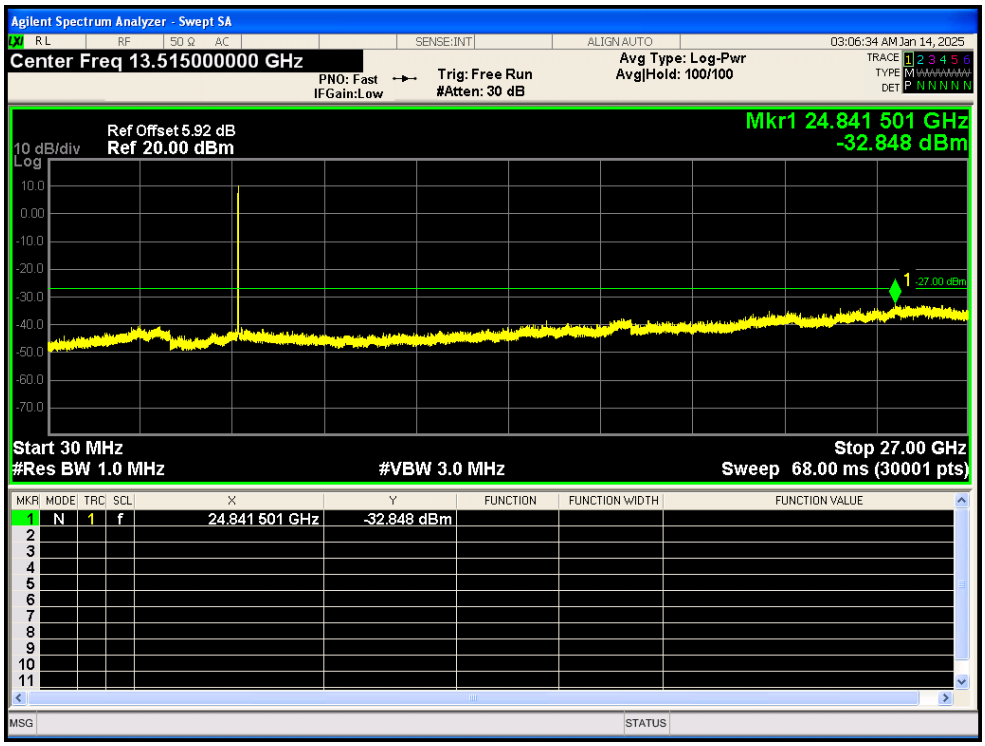
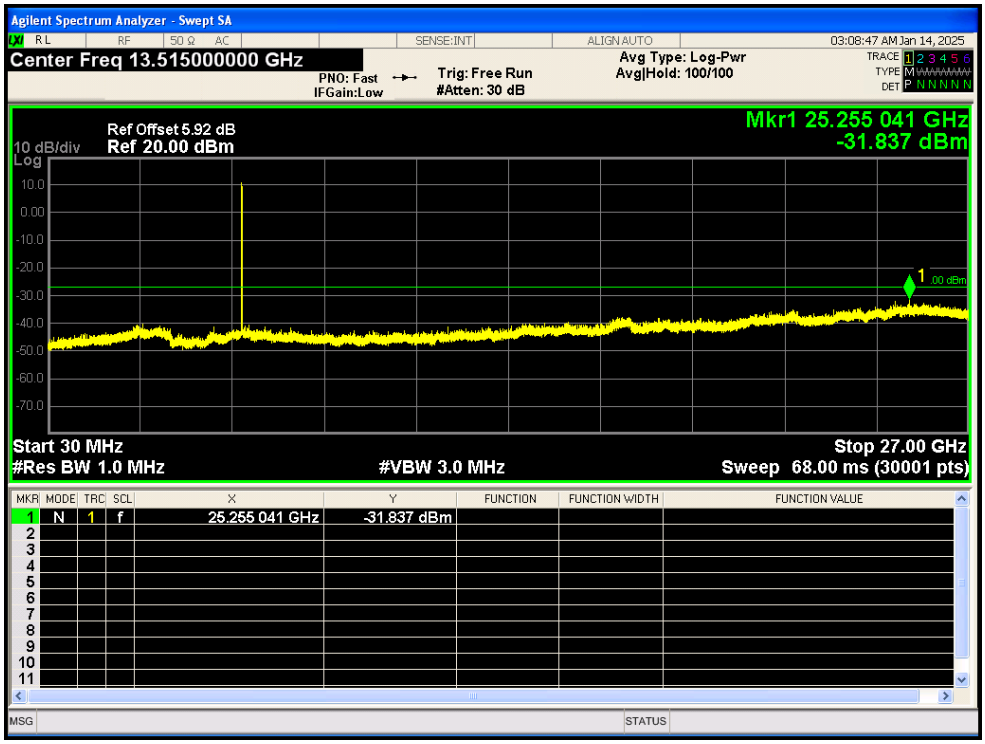
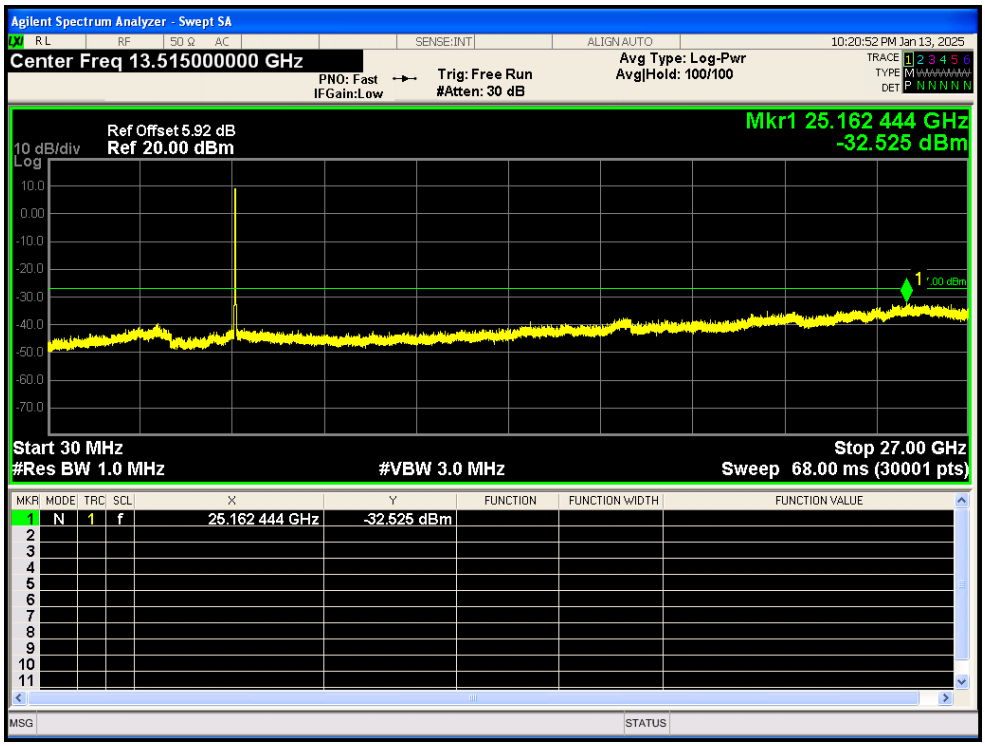


Tx. Spurious NVNT ac20 5700MHz Ant2 Emission



Tx. Spurious NVNT ac40 5510MHz Ant1 Emission



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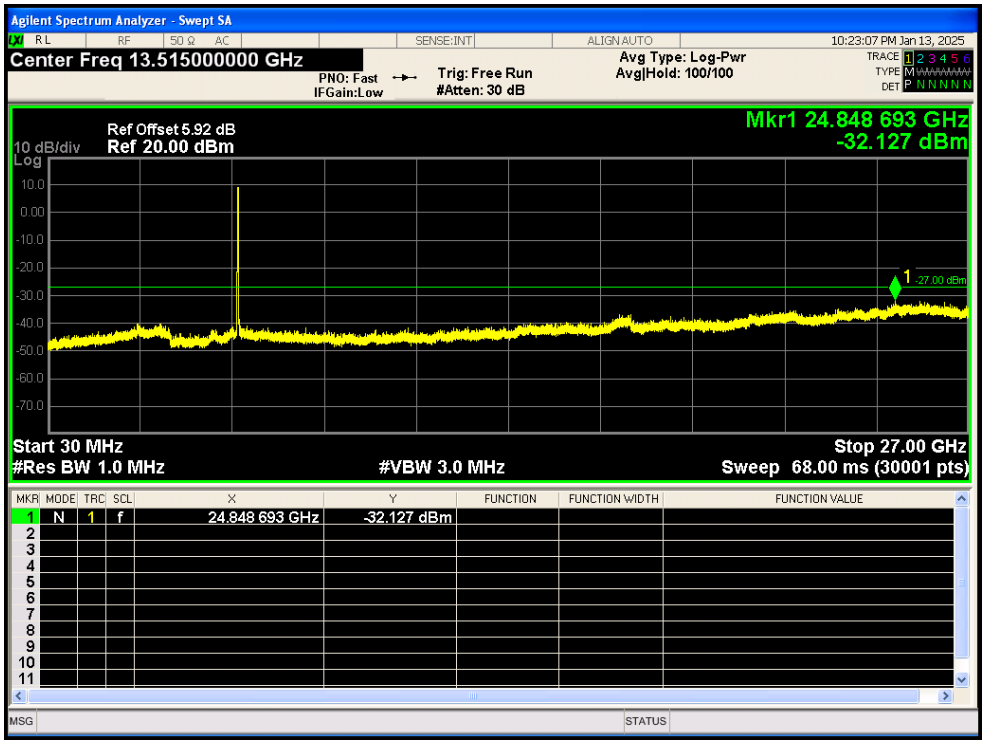

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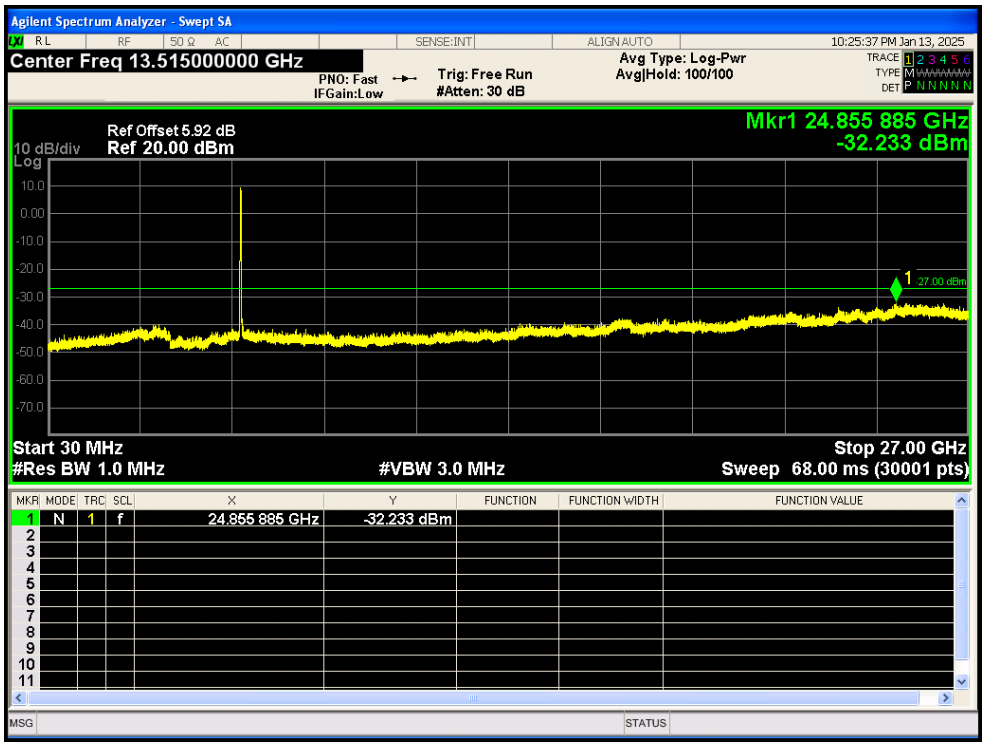

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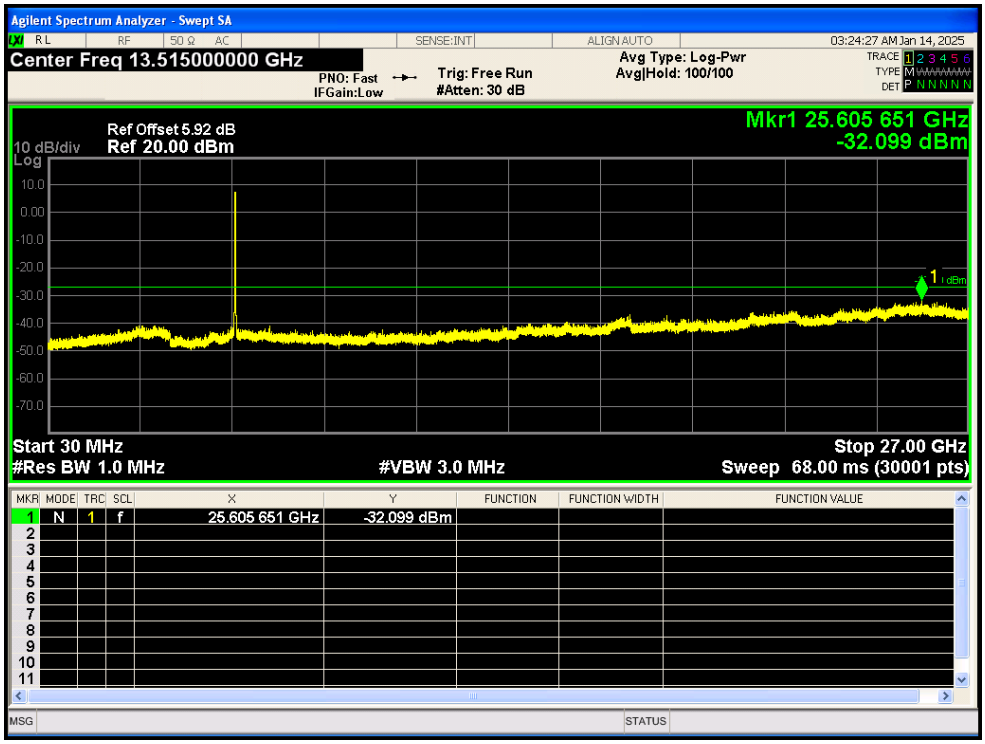
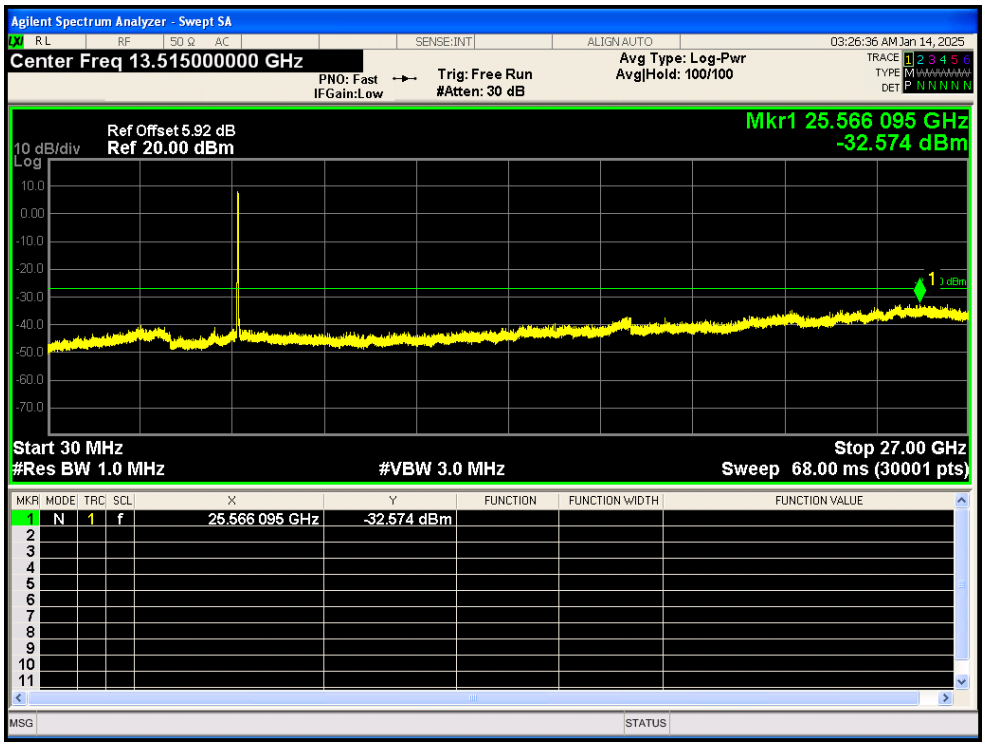


Tx. Spurious NVNT ac40 5590MHz Ant2 Emission



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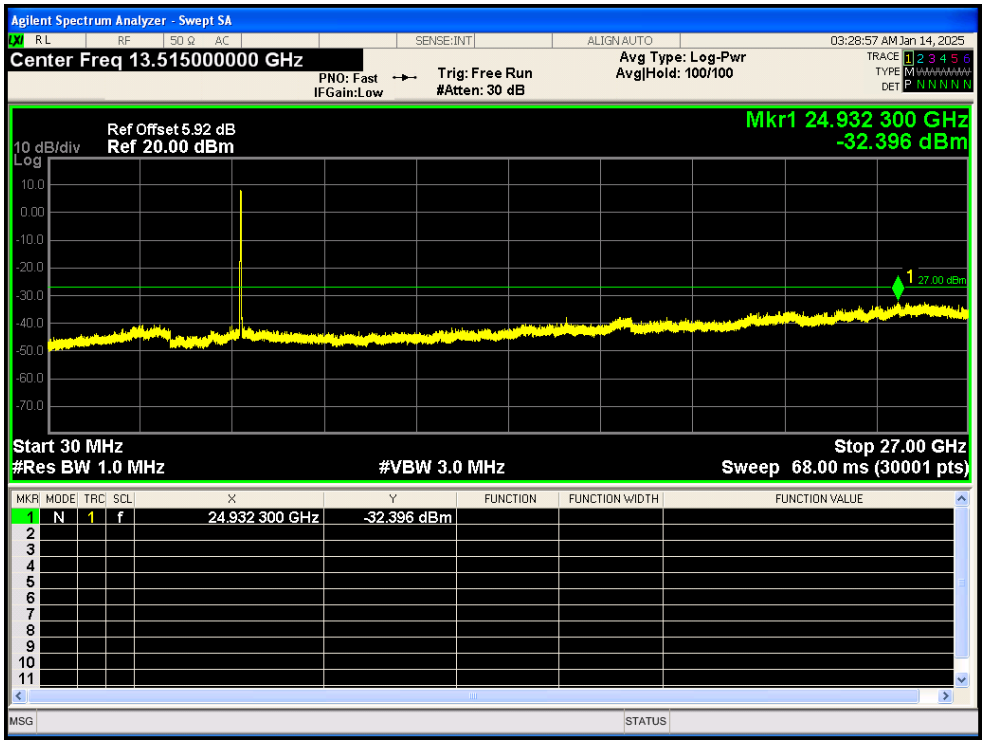

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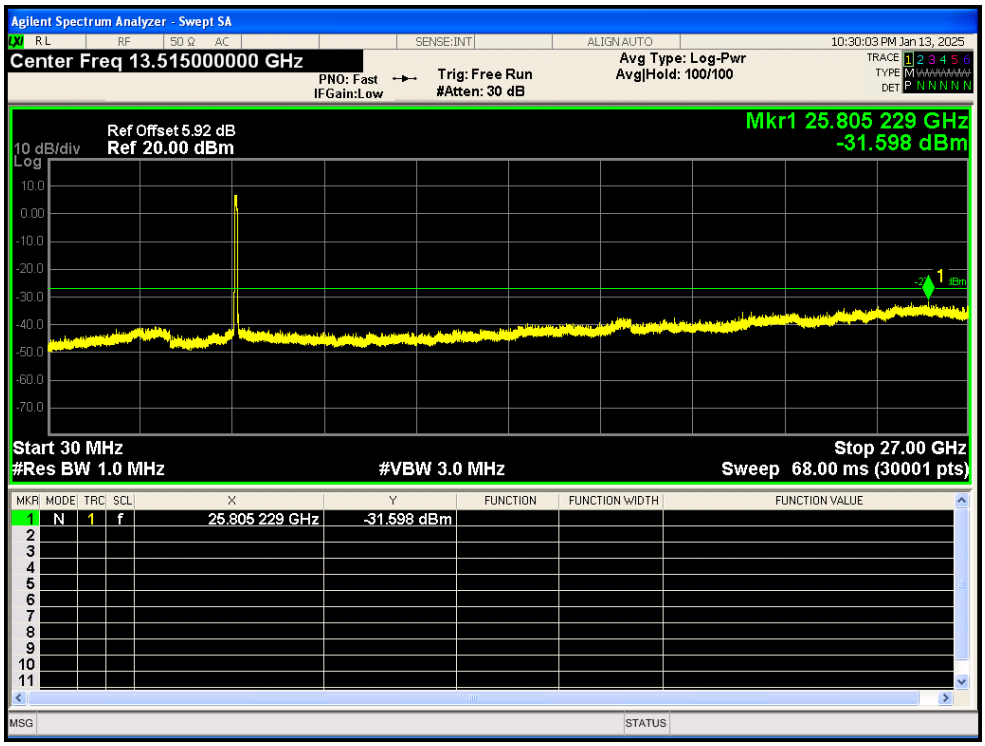

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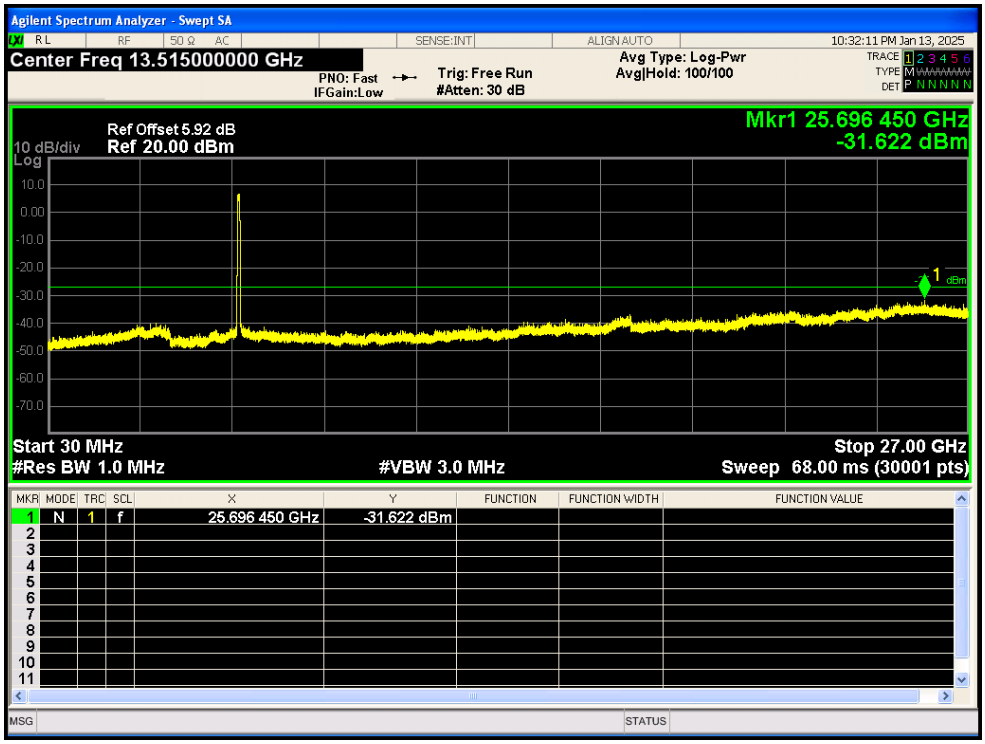

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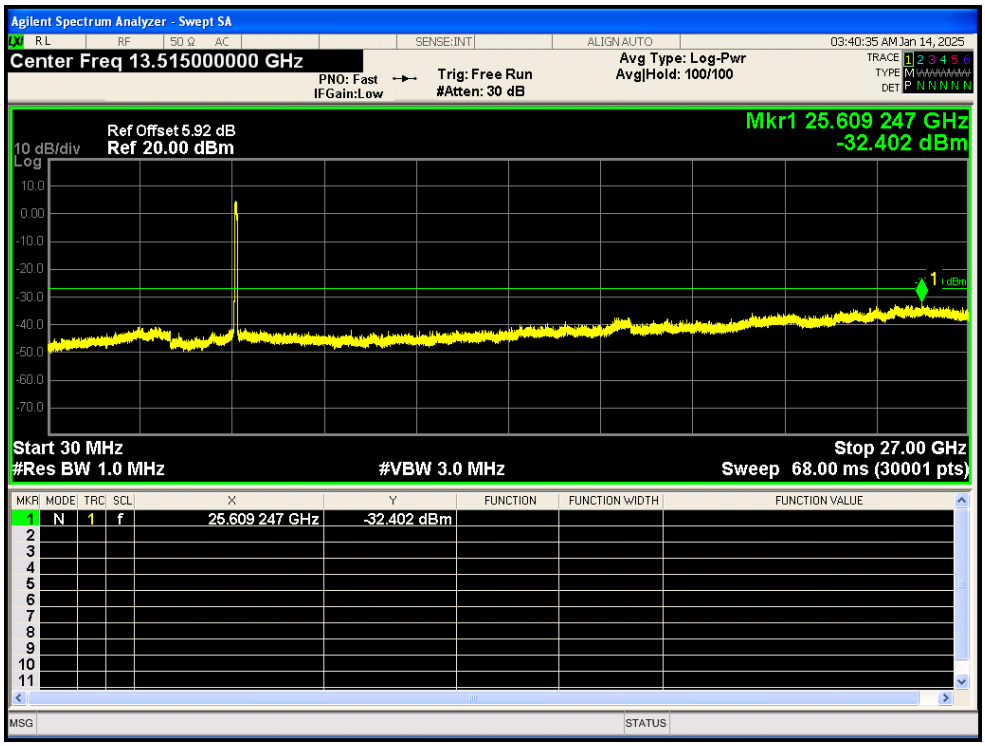
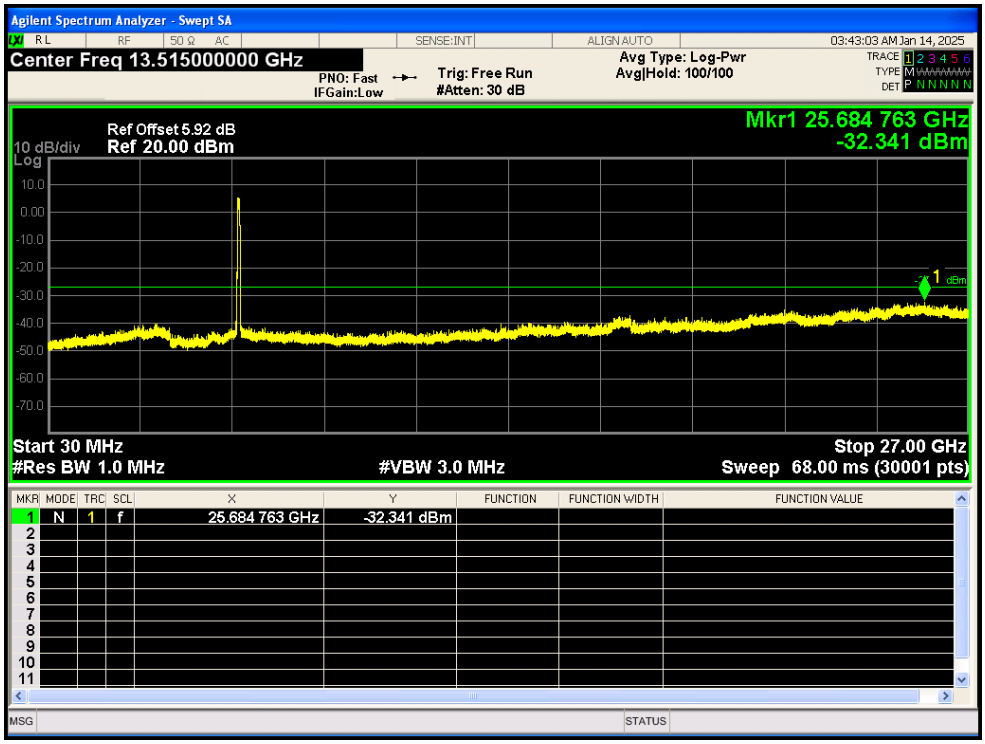
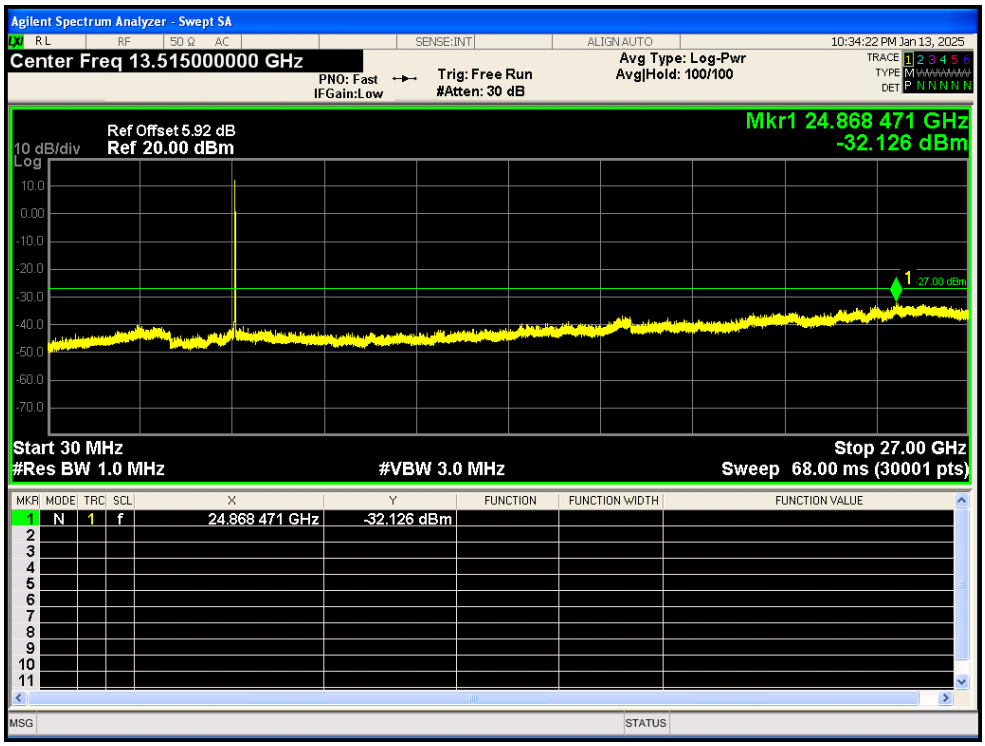


Tx. Spurious NVNT ac80 5610MHz Ant2 Emission



Tx. Spurious NVNT ax20 5500MHz Ant1 Emission



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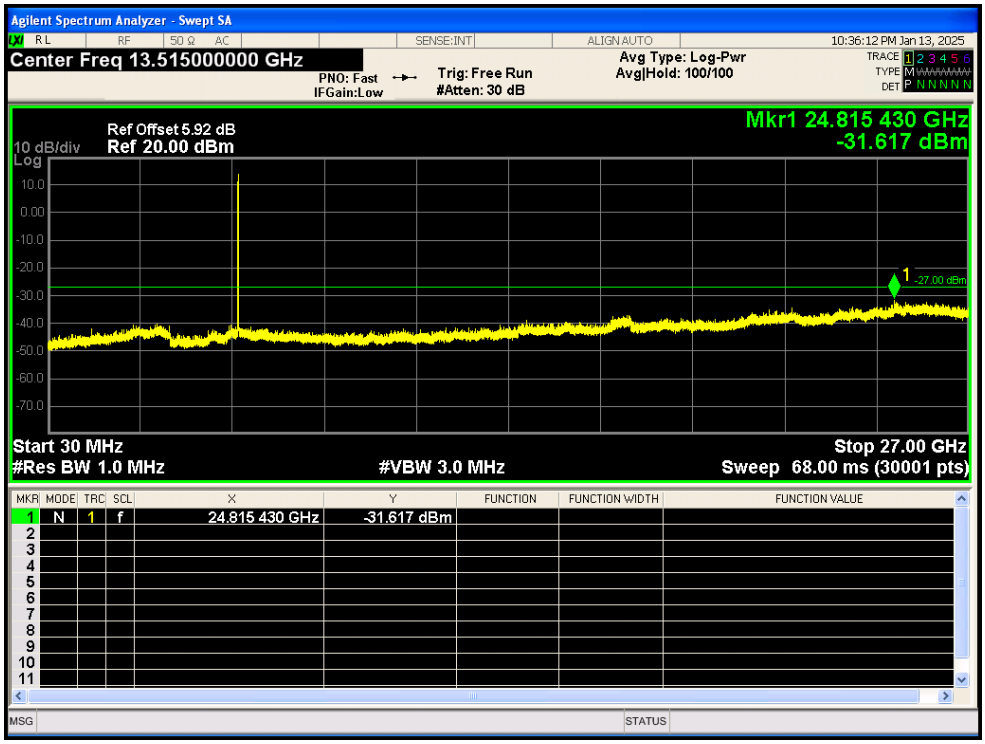
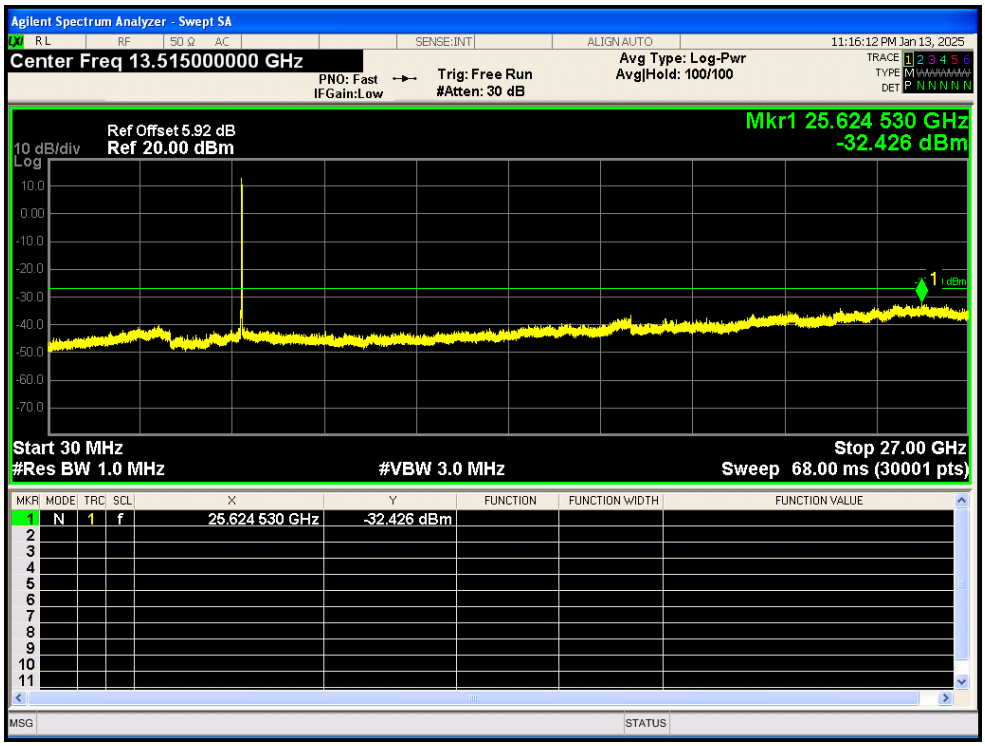
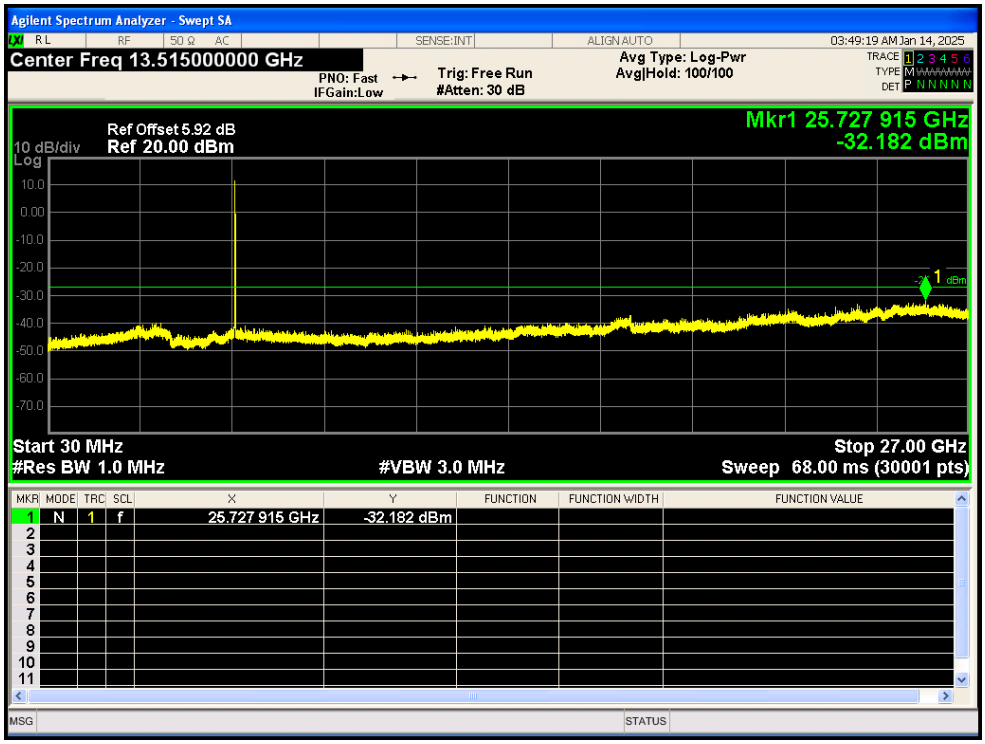


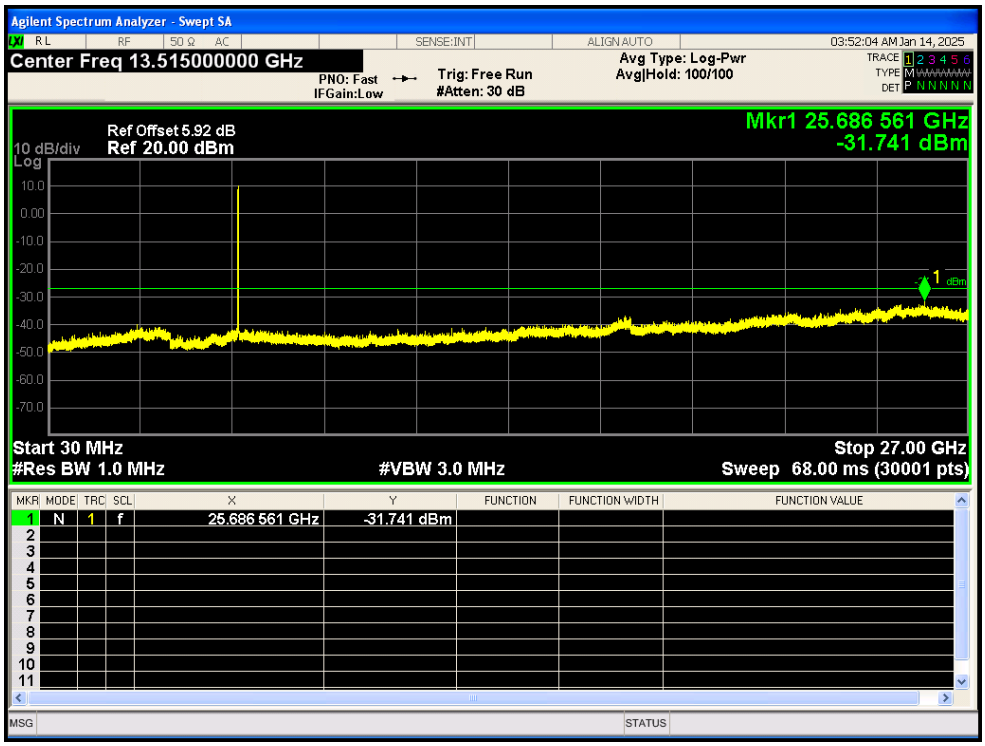
Tx. Spurious NVNT ax20 5700MHz Ant1 Emission



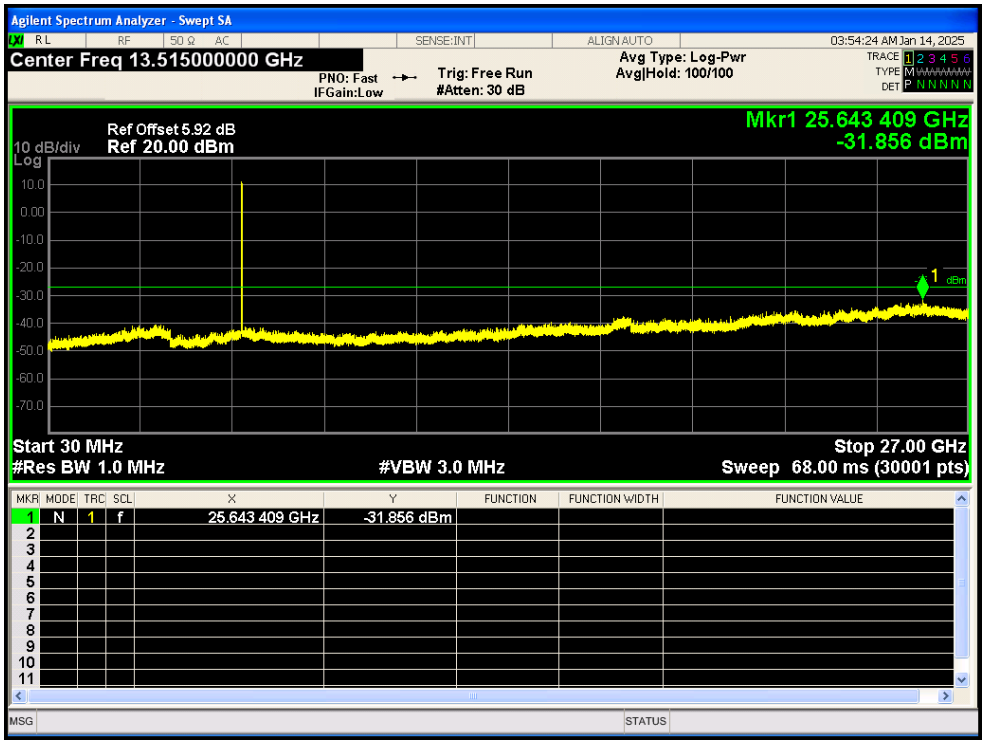
Tx. Spurious NVNT ax20 5500MHz Ant2 Emission



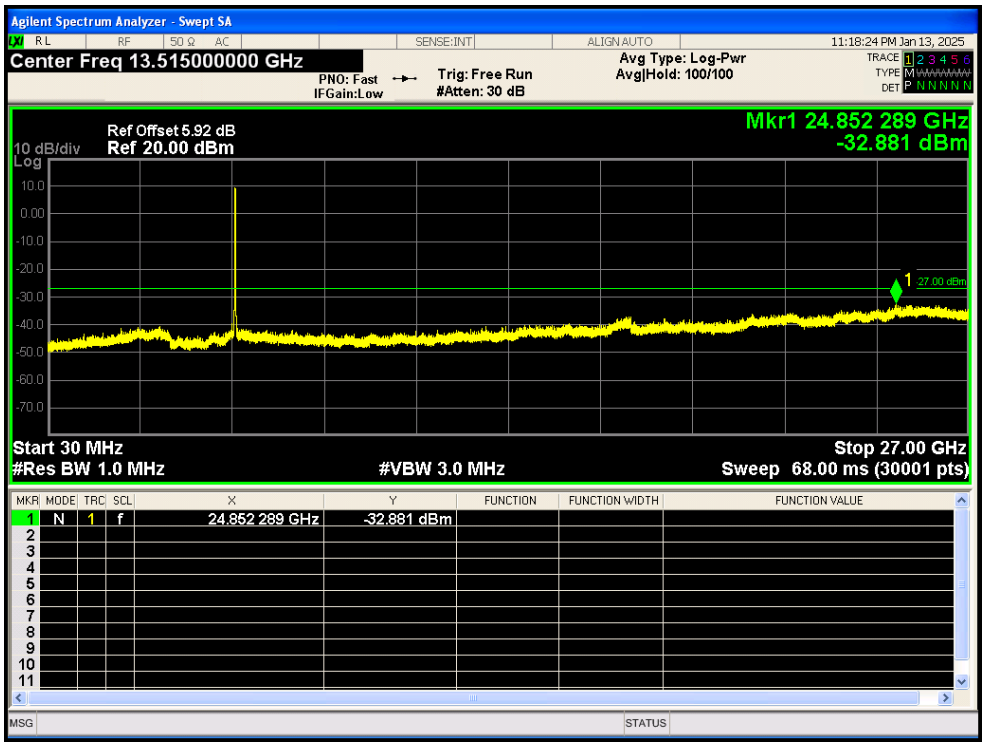
Tx. Spurious NVNT ax20 5600MHz Ant2 Emission



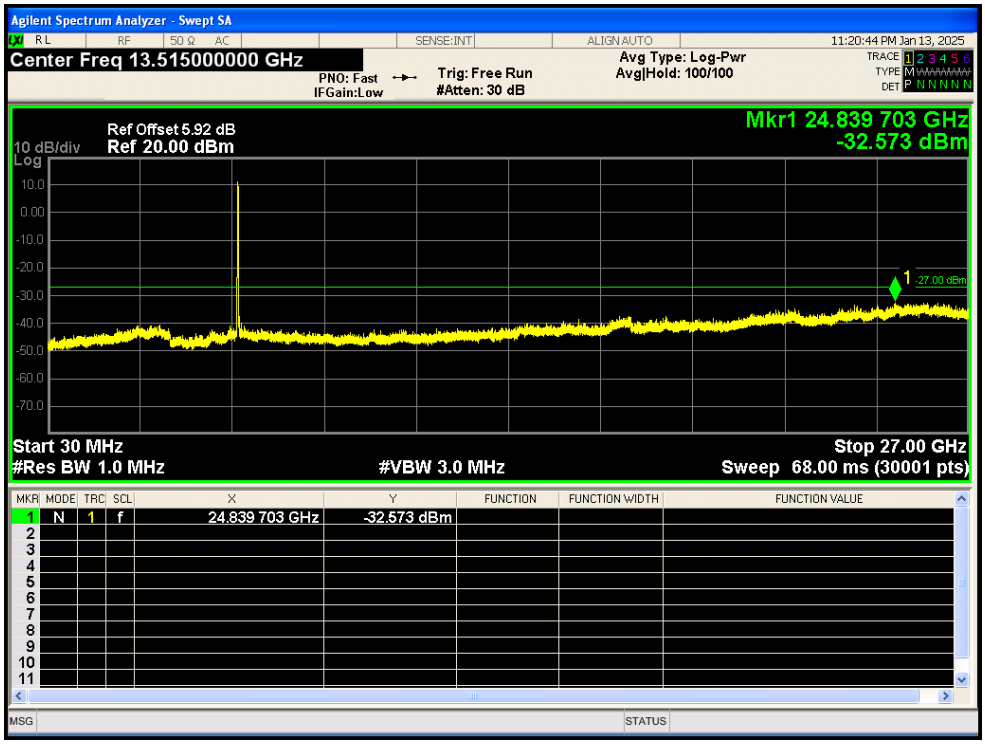
Tx. Spurious NVNT ax20 5700MHz Ant2 Emission



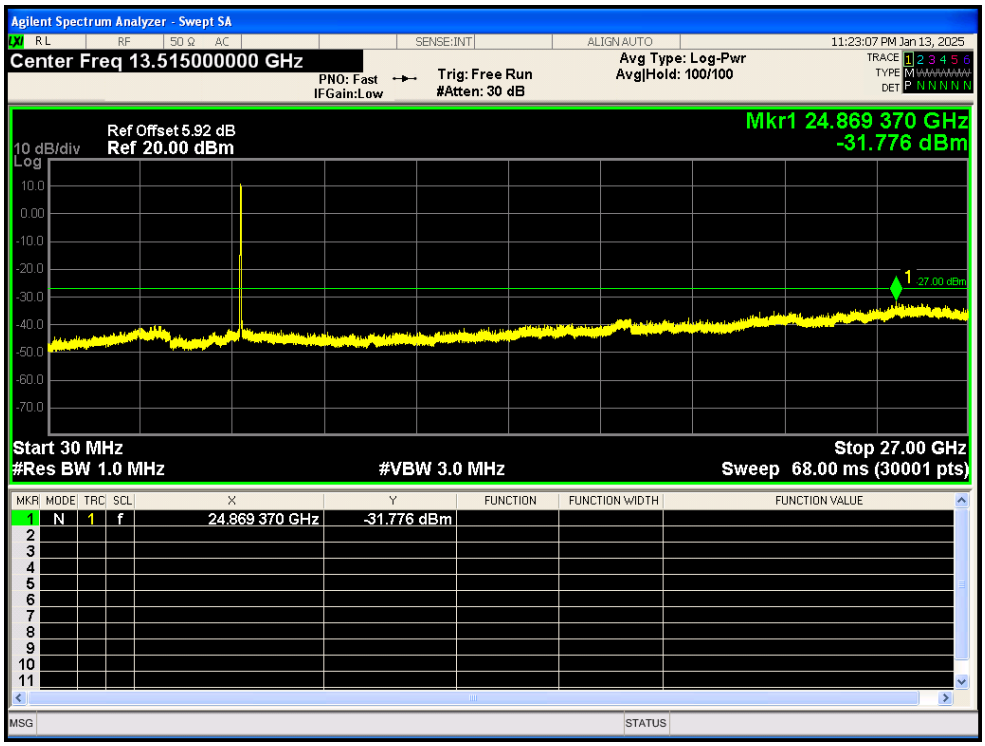
Tx. Spurious NVNT ax40 5510MHz Ant1 Emission



Tx. Spurious NVNT ax40 5590MHz Ant1 Emission



Tx. Spurious NVNT ax40 5670MHz Ant1 Emission



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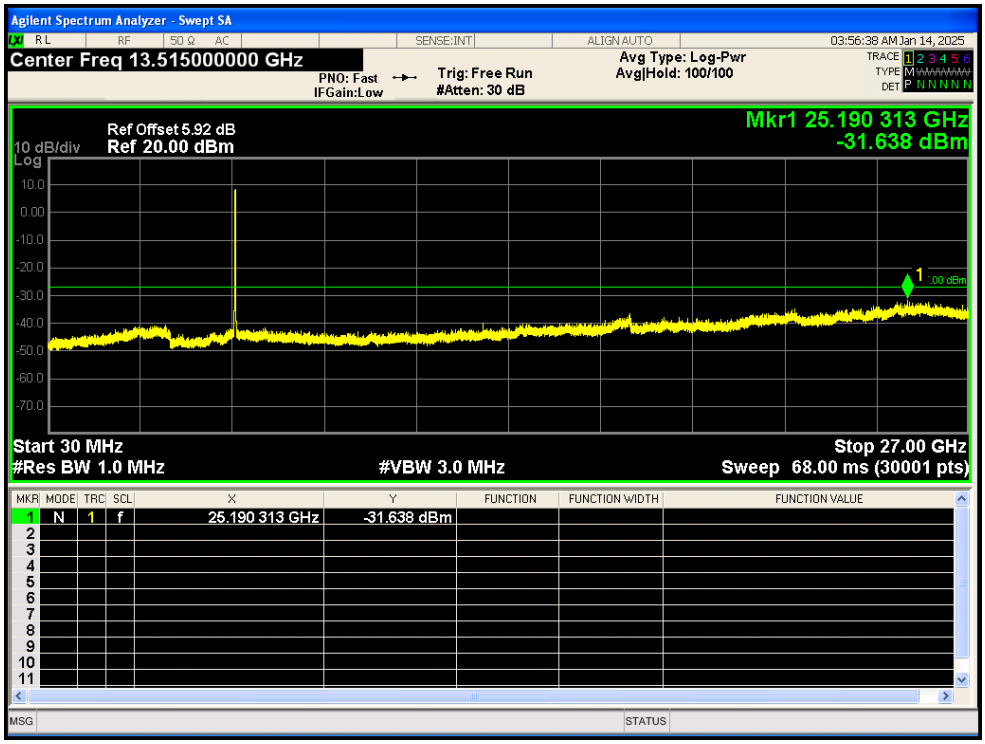

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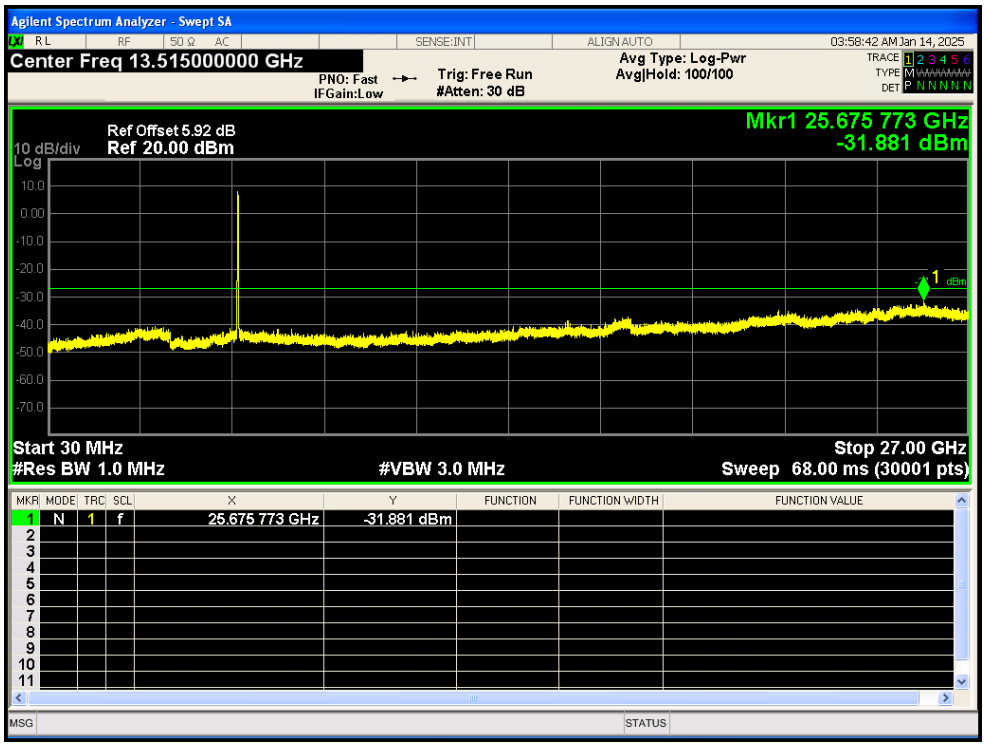

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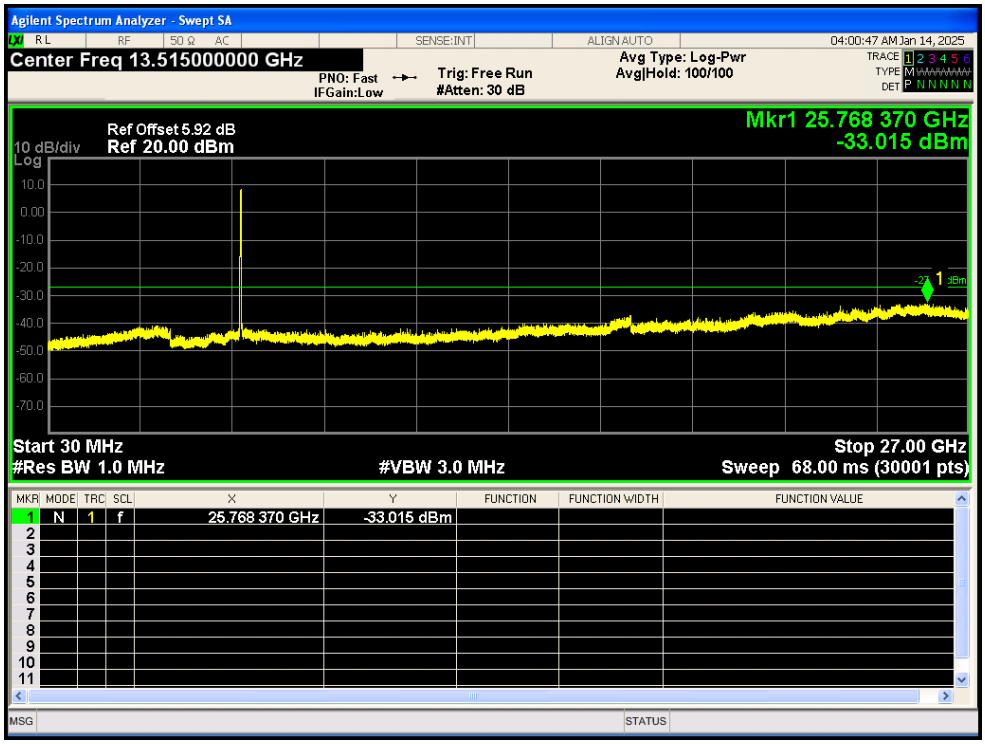

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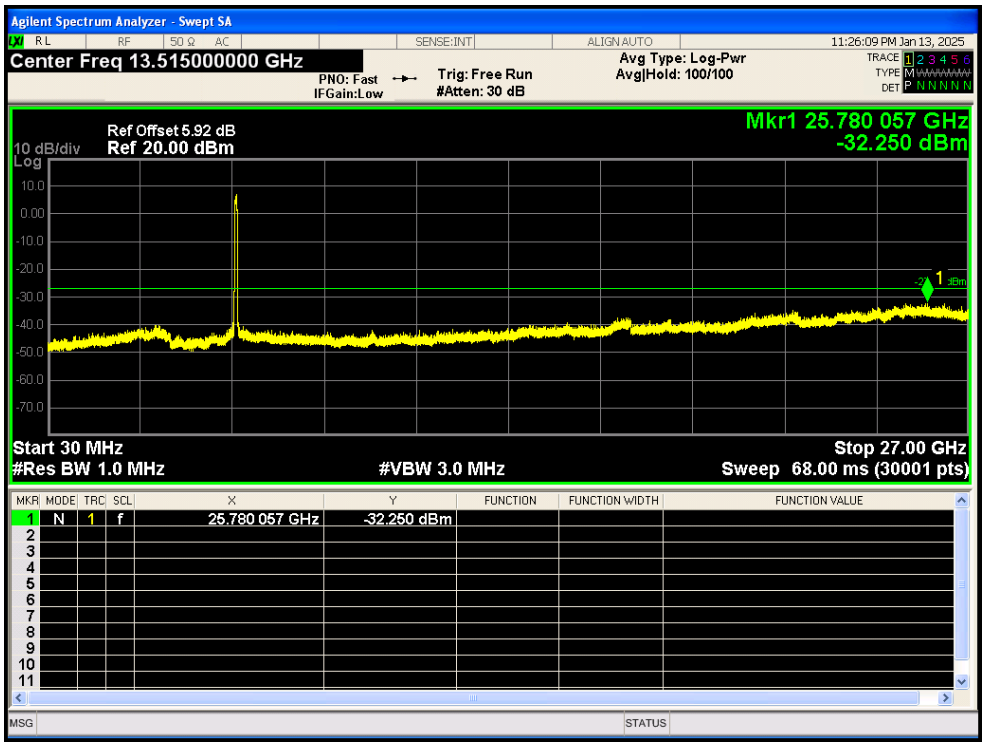

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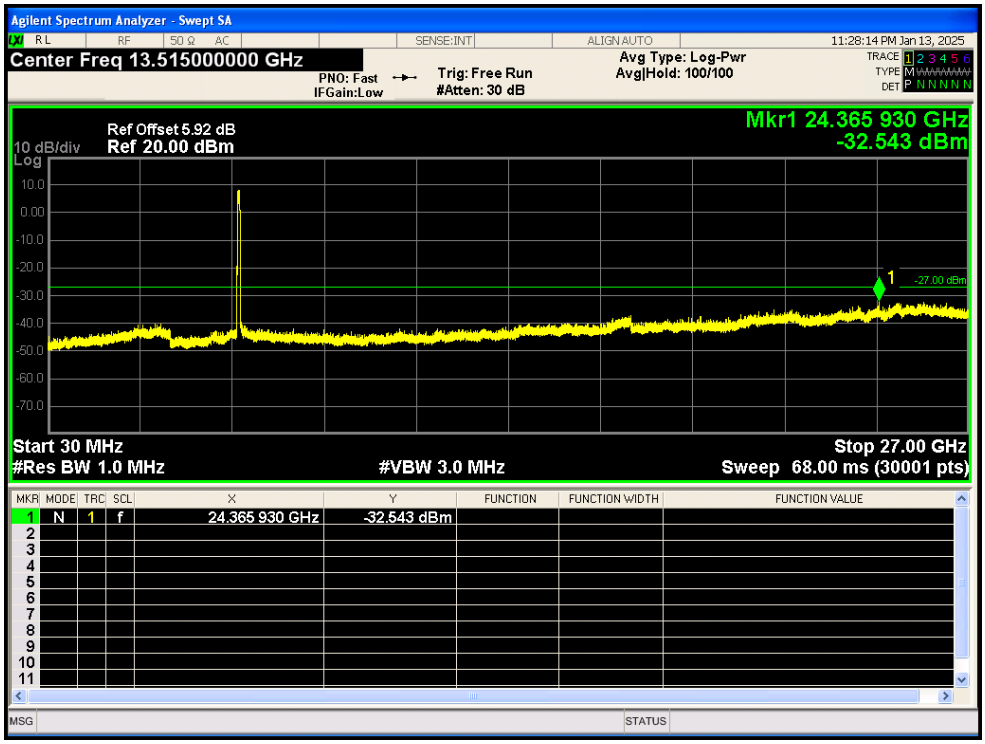

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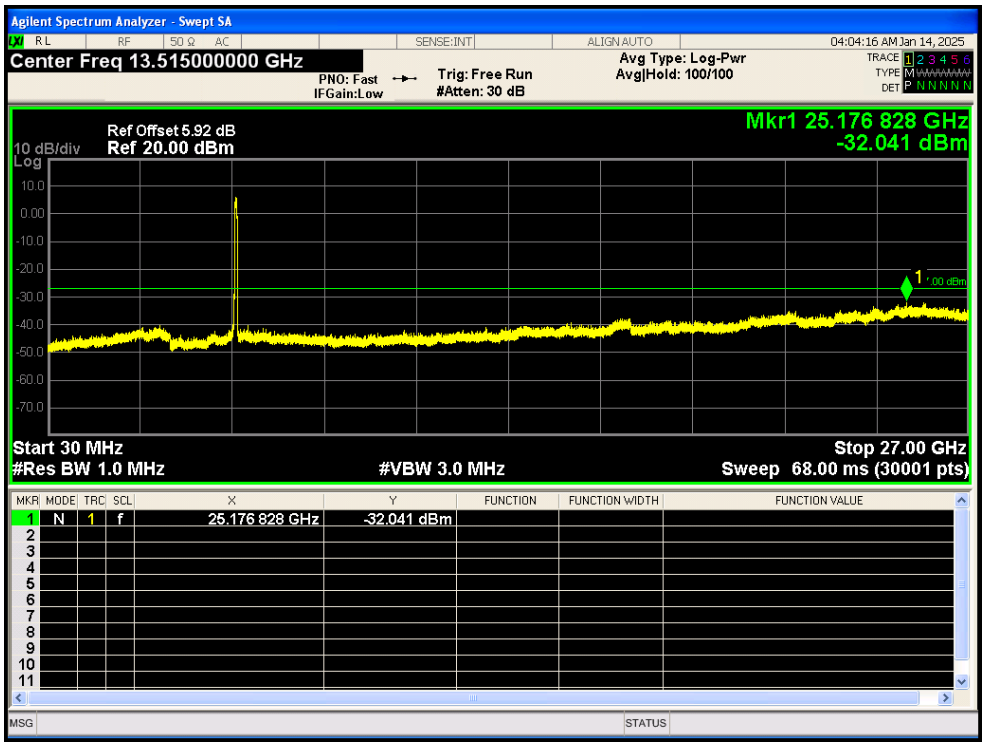

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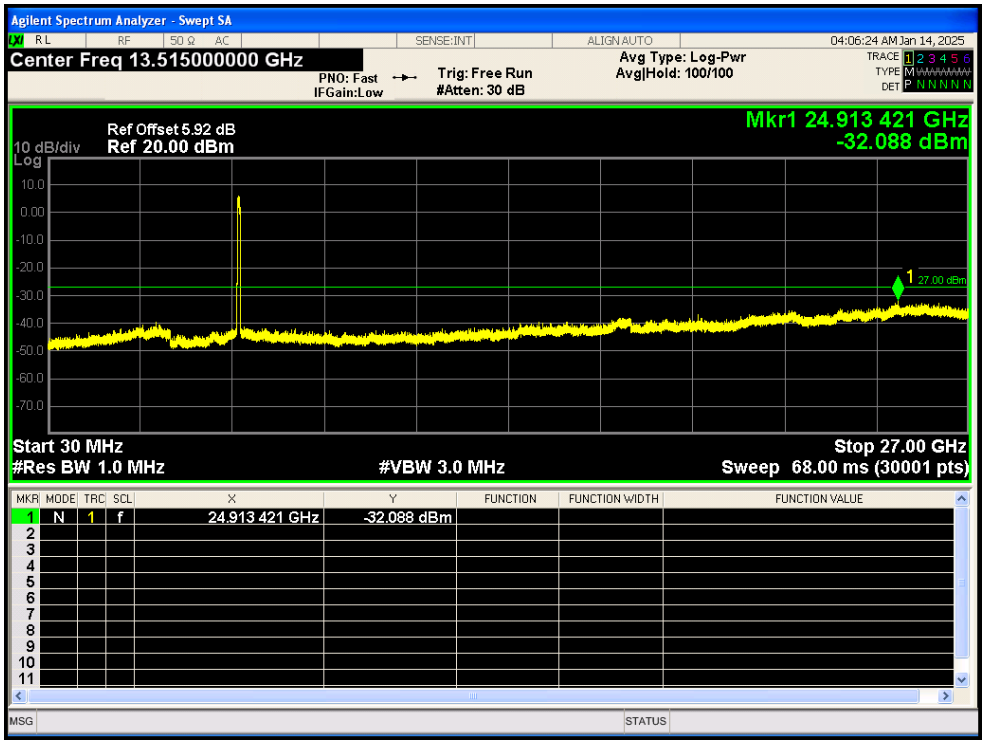

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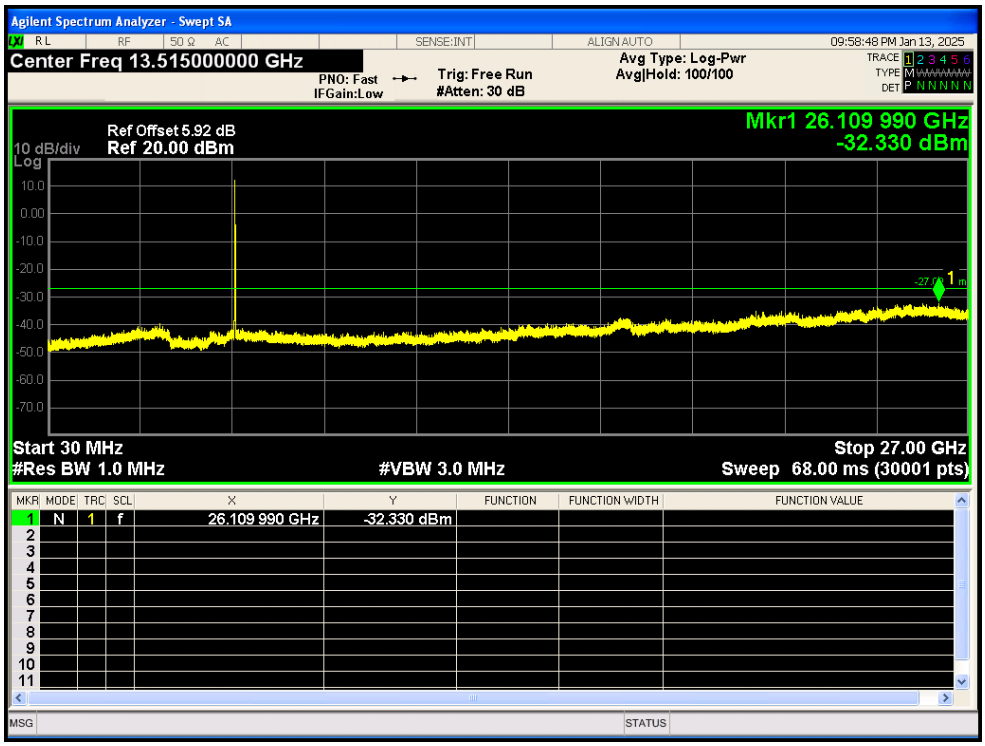

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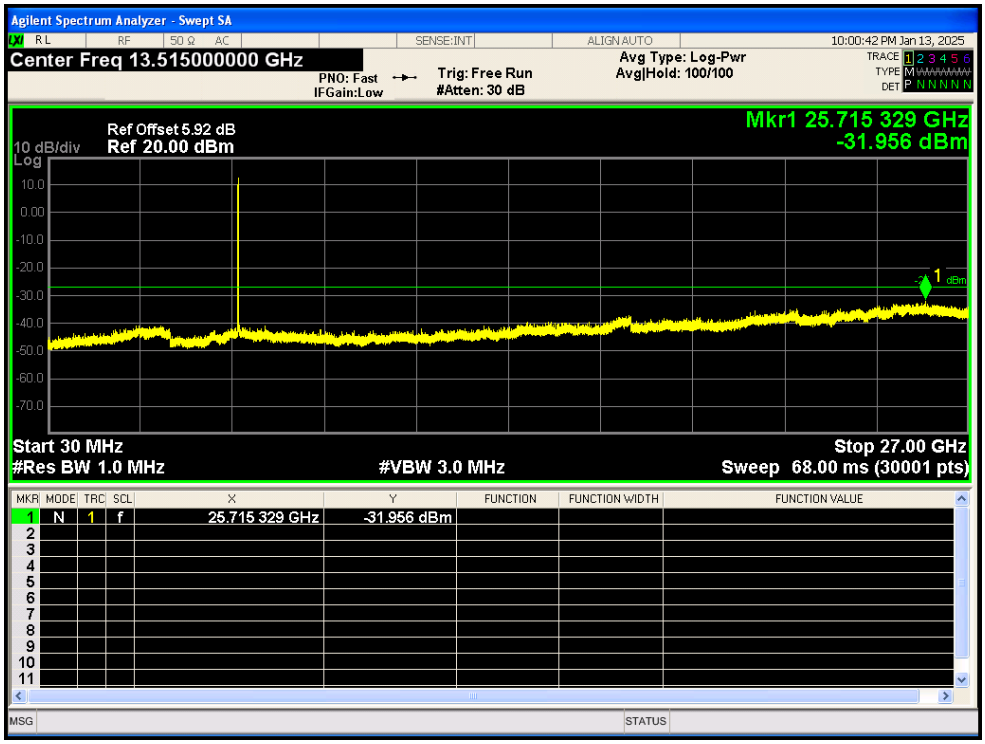

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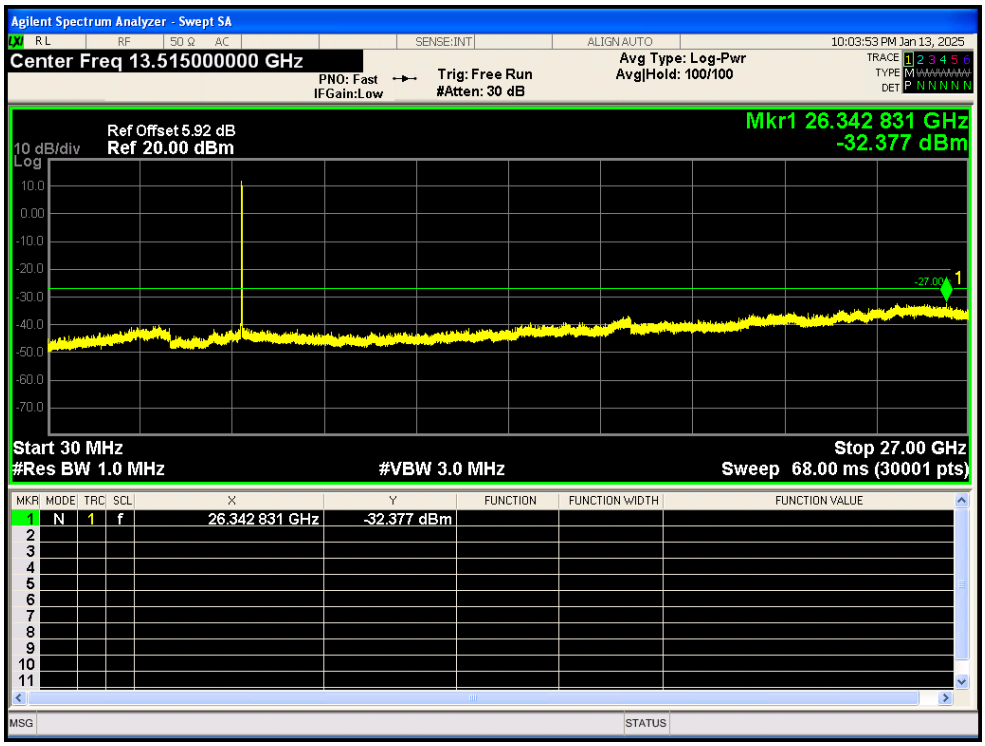

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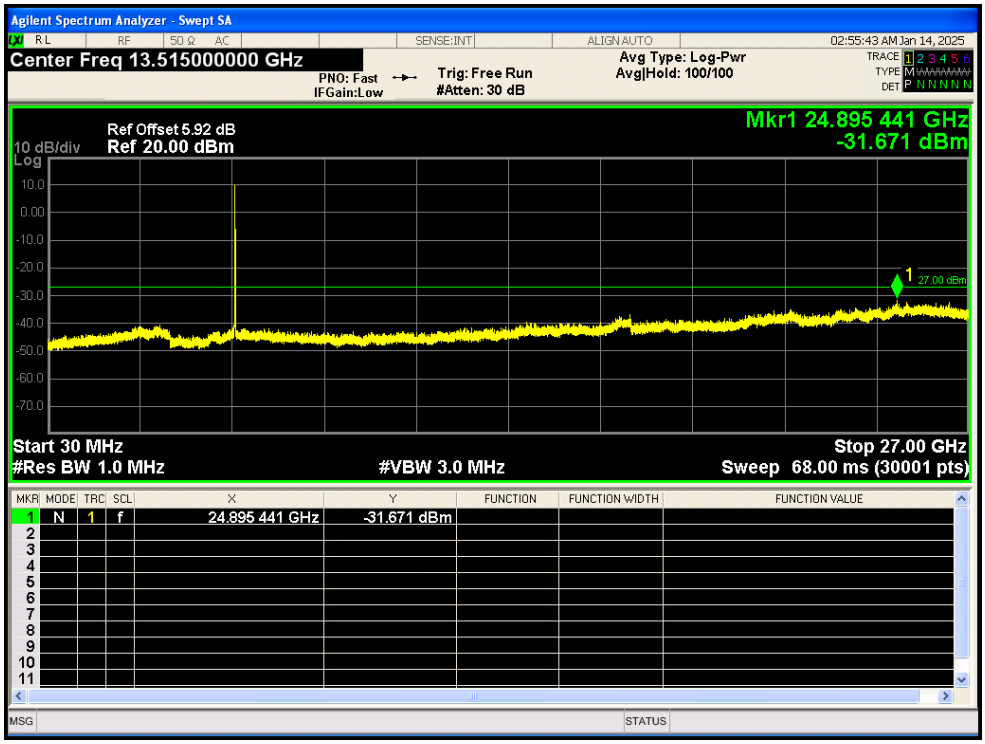

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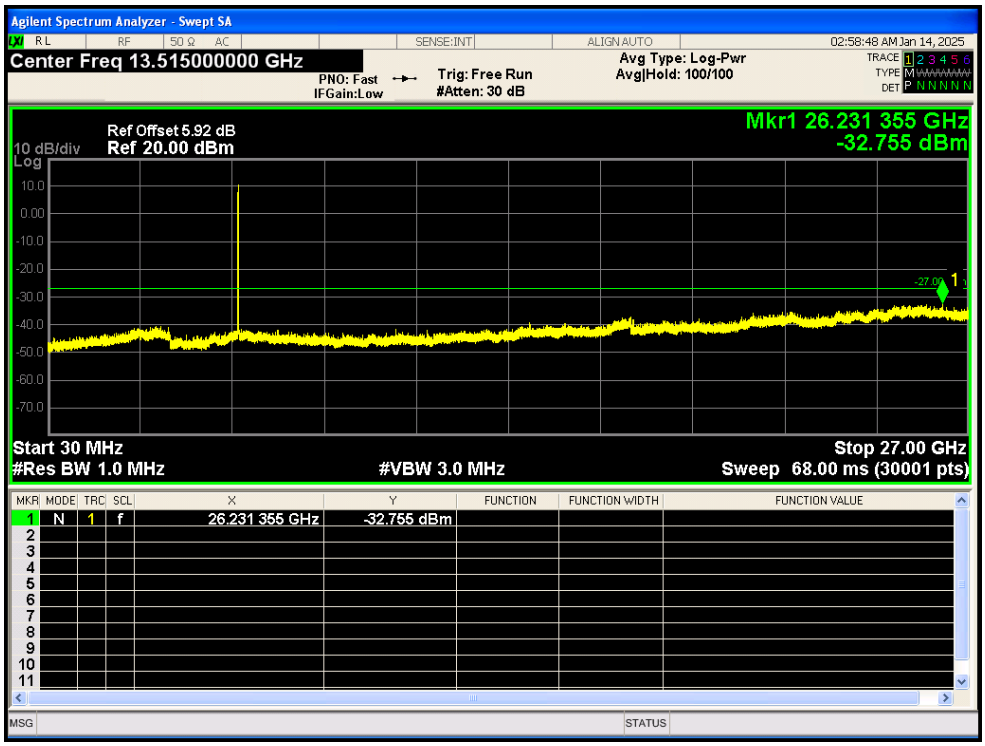
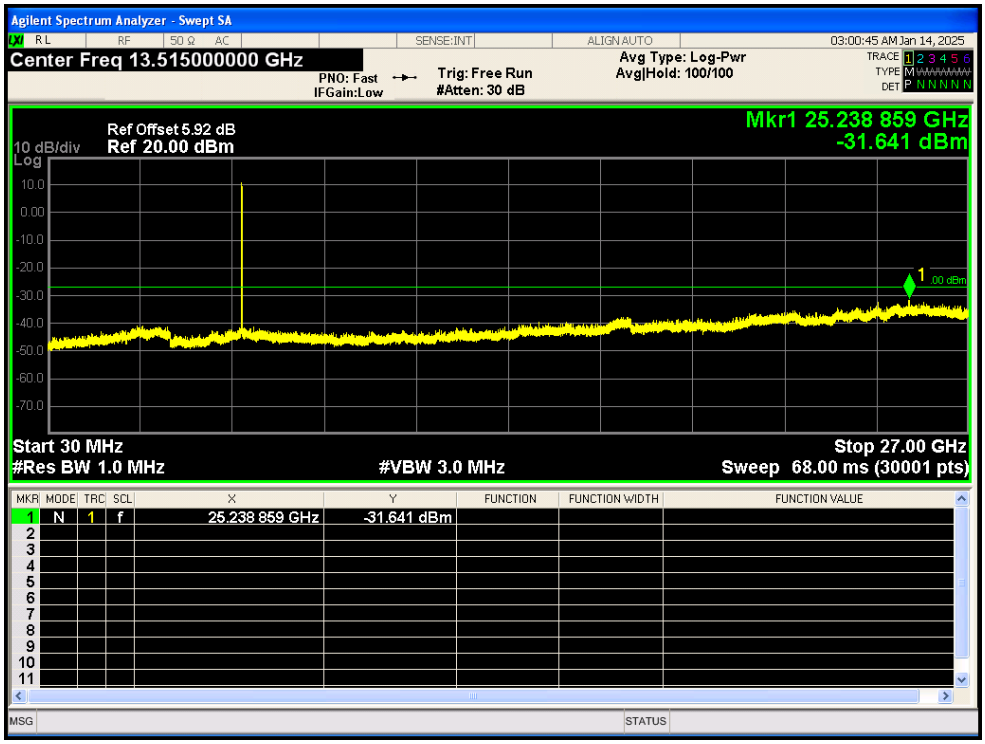
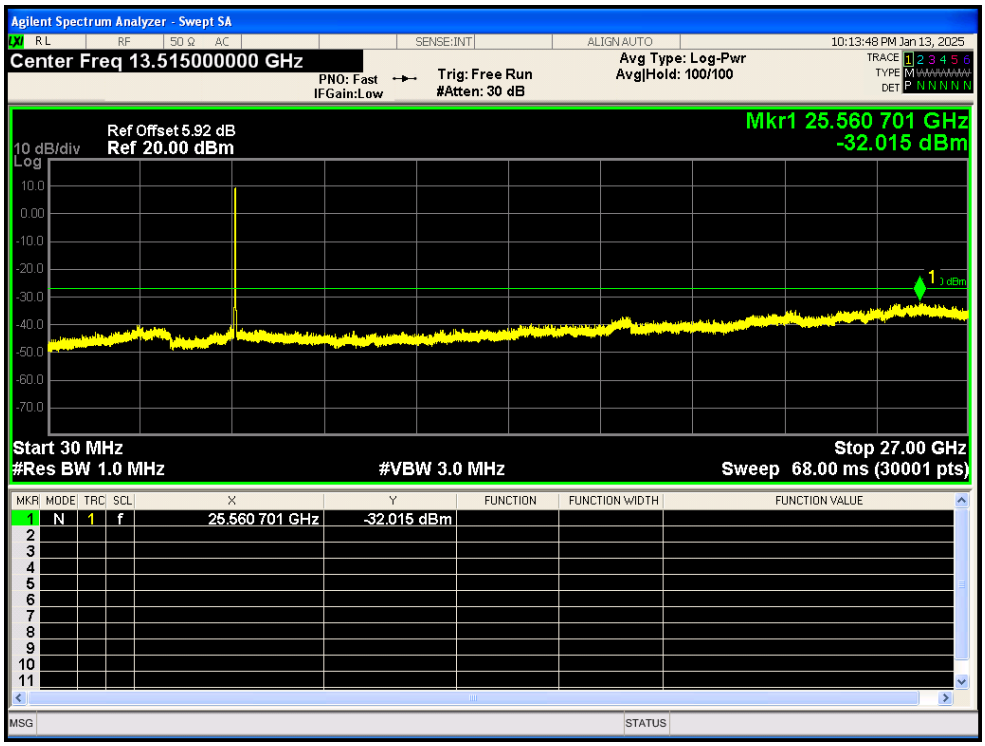


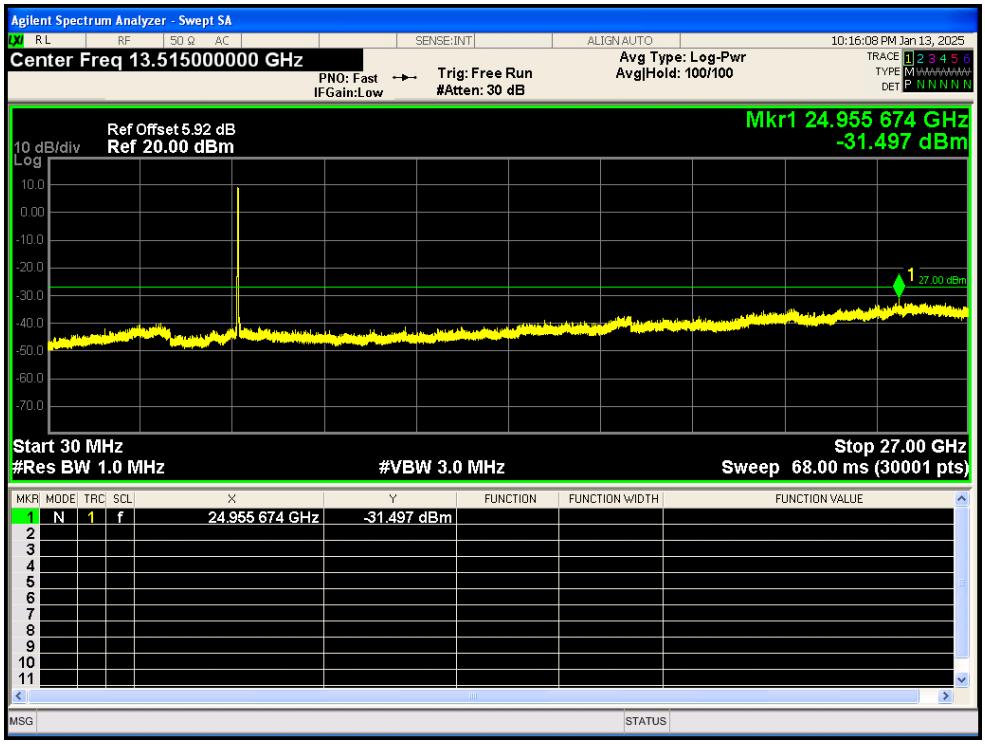
Tx. Spurious NVNT n20 5700MHz Ant2 Emission



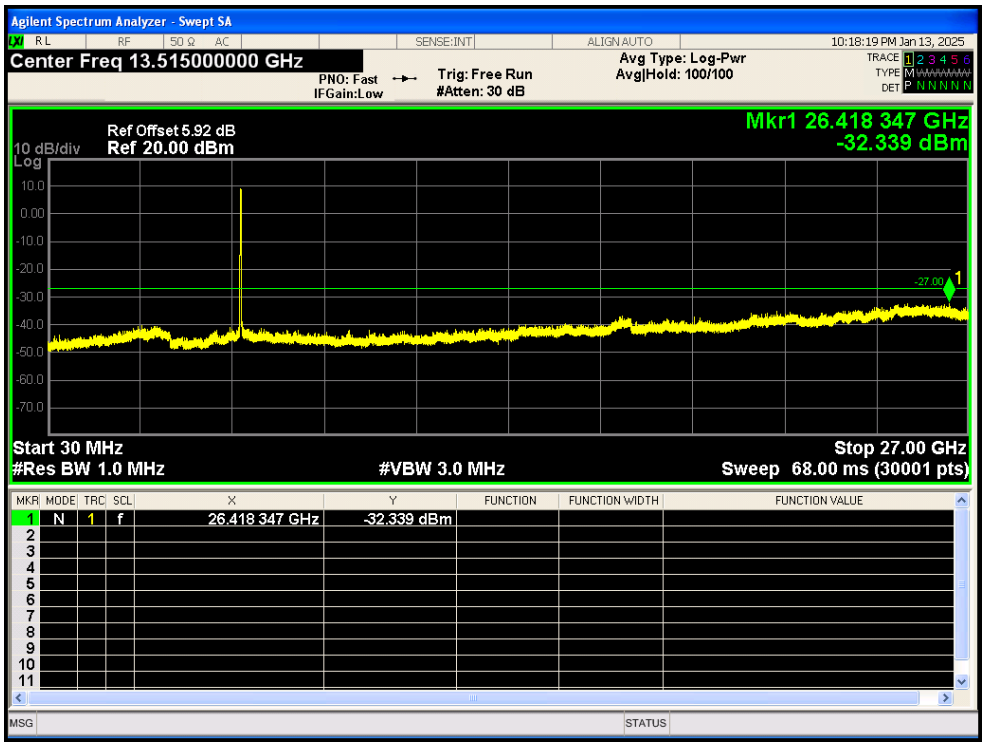
Tx. Spurious NVNT n40 5510MHz Ant1 Emission



Tx. Spurious NVNT n40 5590MHz Ant1 Emission



Tx. Spurious NVNT n40 5670MHz Ant1 Emission



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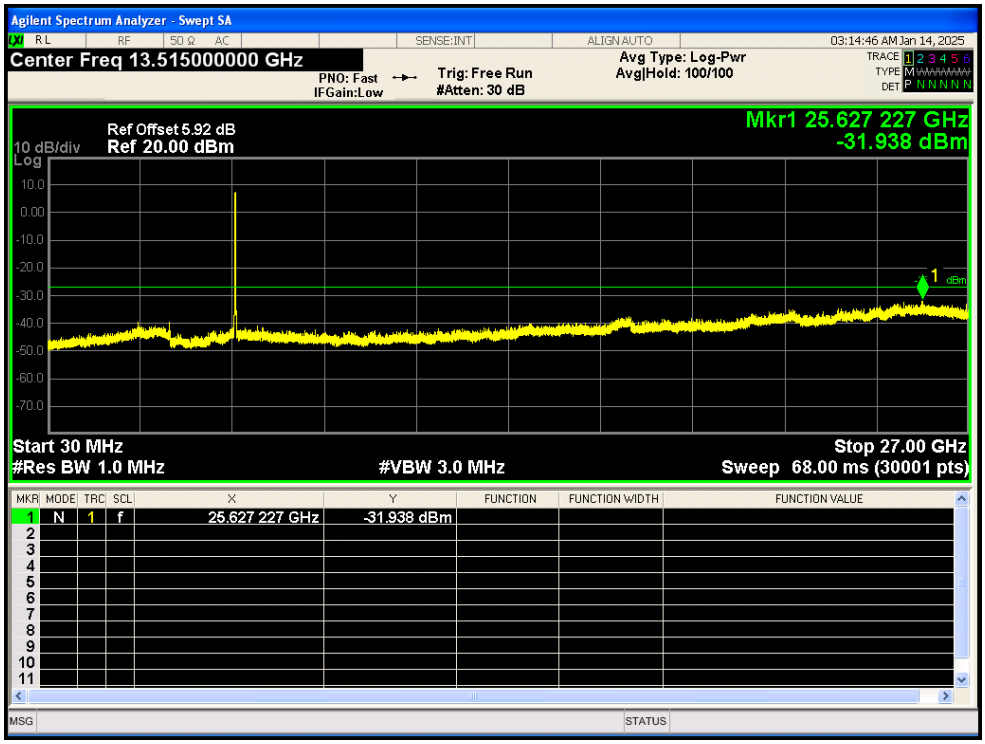

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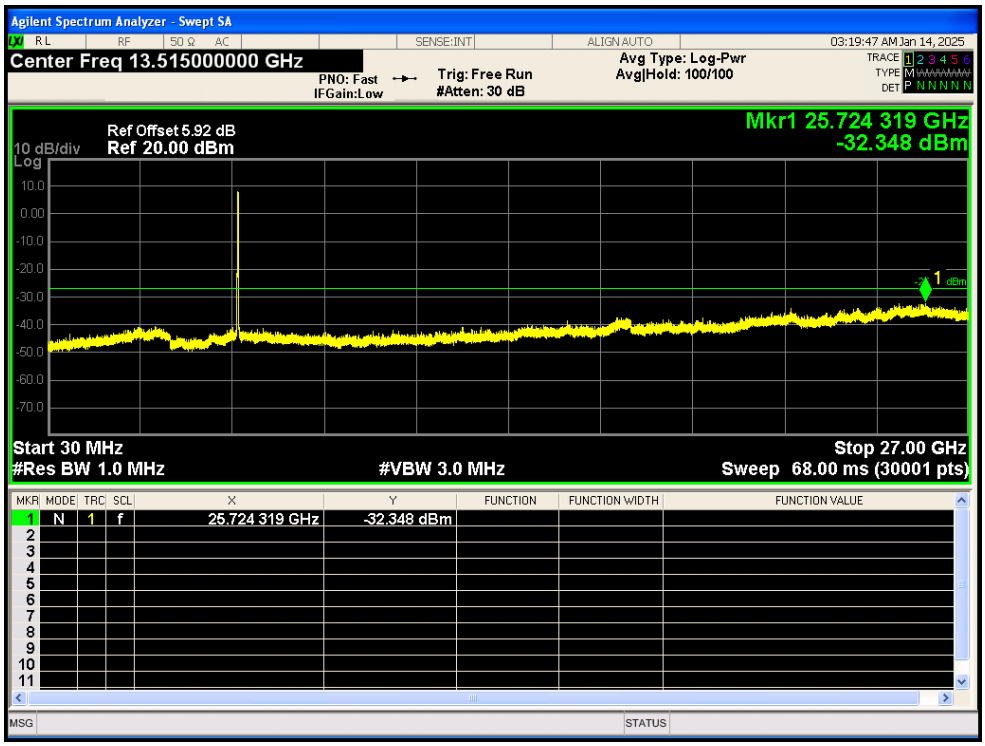
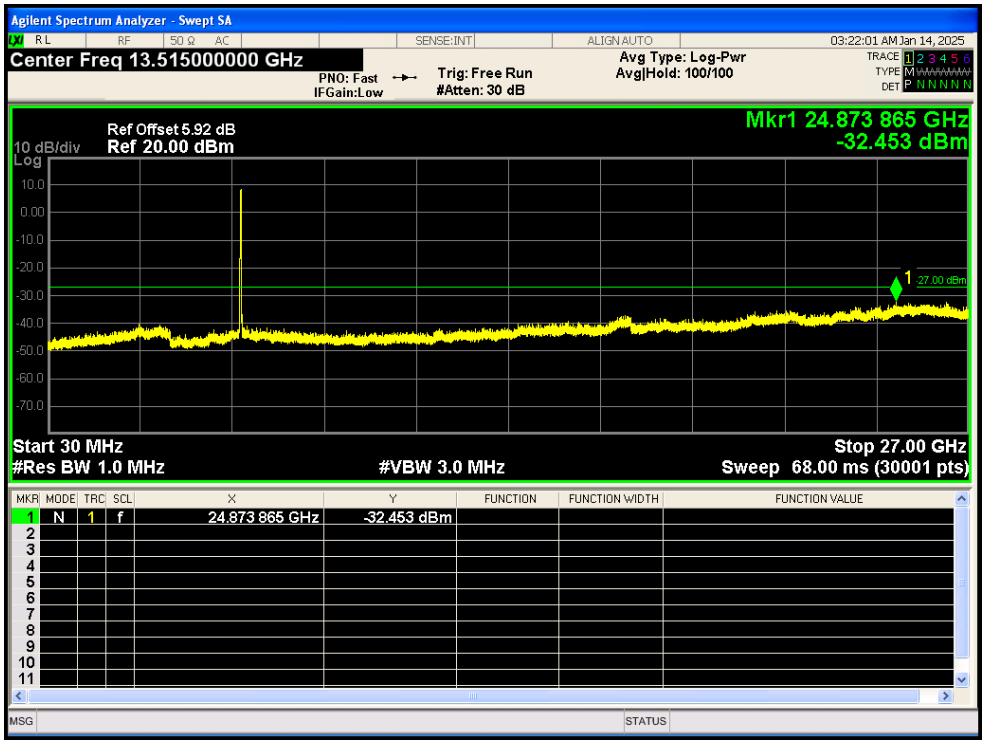


Tx. Spurious NVNT n40 5670MHz Ant2 Emission

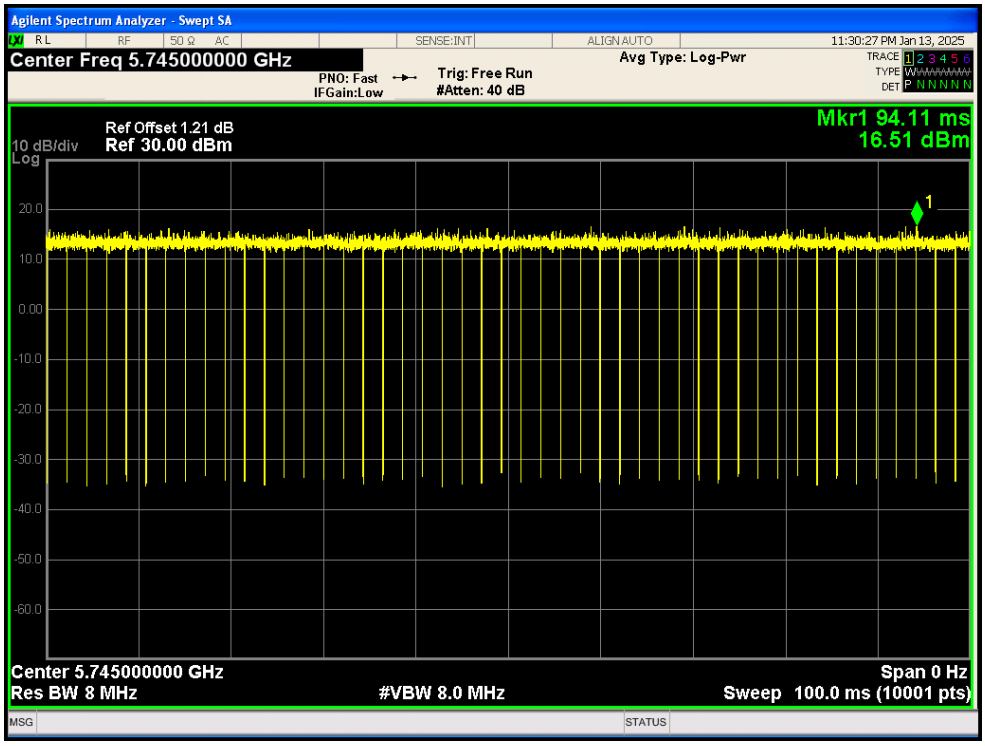

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
03:22:01 AM Jan 14, 2025
Ref Offset 5.92 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 24.873 865 GHz
-32.453 dBm
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 27.00 GHz
Sweep 68.00 ms (30001 pts)
1 N 1 f 24.873 865 GHz -32.453 dBm

5.8G WIFI

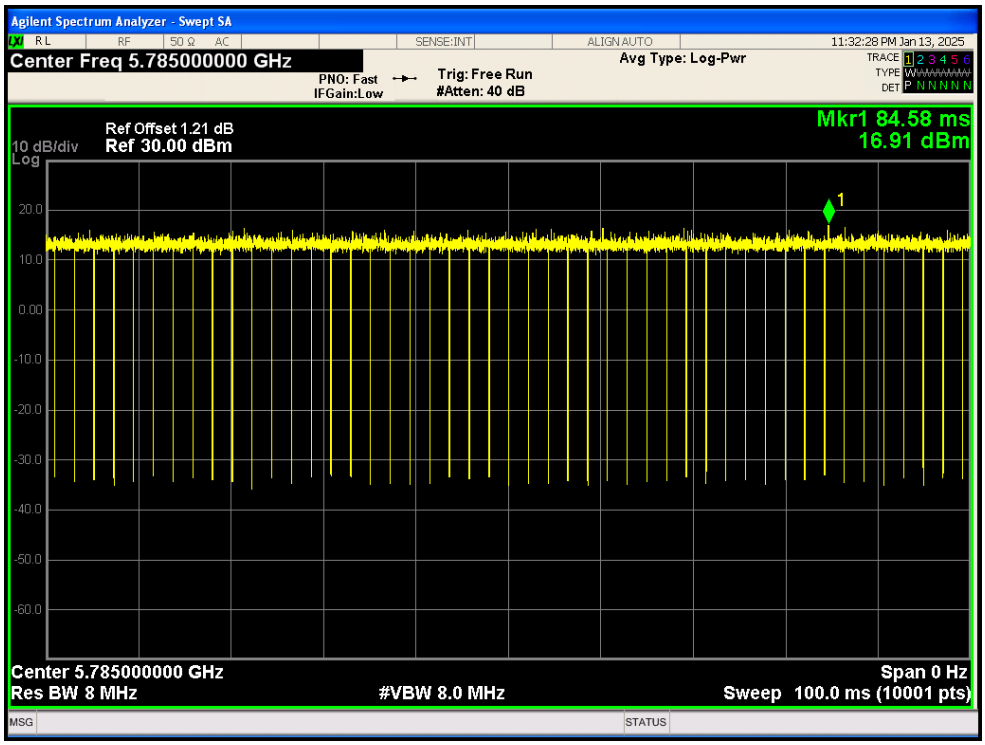
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	98.32	0.07
NVNT	a	5785	Ant1	98.29	0.07
NVNT	a	5825	Ant1	98.3	0.07
NVNT	a	5745	Ant2	98.31	0.07
NVNT	a	5785	Ant2	98.29	0.07
NVNT	a	5825	Ant2	98.27	0.08
NVNT	ac20	5745	Ant1	99.08	0.04
NVNT	ac20	5785	Ant1	99.07	0.04
NVNT	ac20	5825	Ant1	99.08	0.04
NVNT	ac20	5745	Ant2	99.1	0.04
NVNT	ac20	5785	Ant2	99.07	0.04
NVNT	ac20	5825	Ant2	99.06	0.04
NVNT	ac40	5755	Ant1	99.07	0.04
NVNT	ac40	5795	Ant1	99.07	0.04
NVNT	ac40	5755	Ant2	99.08	0.04
NVNT	ac40	5795	Ant2	99.07	0.04
NVNT	ac80	5775	Ant1	98.66	0.06
NVNT	ac80	5775	Ant2	98.27	0.08
NVNT	ax20	5745	Ant1	99.06	0.04
NVNT	ax20	5785	Ant1	99.01	0.04
NVNT	ax20	5825	Ant1	99	0.04
NVNT	ax20	5745	Ant2	99.09	0.04
NVNT	ax20	5785	Ant2	99.09	0.04
NVNT	ax20	5825	Ant2	99.07	0.04
NVNT	ax40	5755	Ant1	99	0.04
NVNT	ax40	5795	Ant1	99.14	0.04
NVNT	ax40	5755	Ant2	99.13	0.04
NVNT	ax40	5795	Ant2	99.08	0.04
NVNT	ax80	5775	Ant1	99.11	0.04
NVNT	ax80	5775	Ant2	99.13	0.04
NVNT	n20	5745	Ant1	99.09	0.04
NVNT	n20	5785	Ant1	99.12	0.04
NVNT	n20	5825	Ant1	99.12	0.04
NVNT	n20	5745	Ant2	99.12	0.04
NVNT	n20	5785	Ant2	99.07	0.04
NVNT	n20	5825	Ant2	99.08	0.04
NVNT	n40	5755	Ant1	99.07	0.04
NVNT	n40	5795	Ant1	99.09	0.04
NVNT	n40	5755	Ant2	99.1	0.04
NVNT	n40	5795	Ant2	99.13	0.04

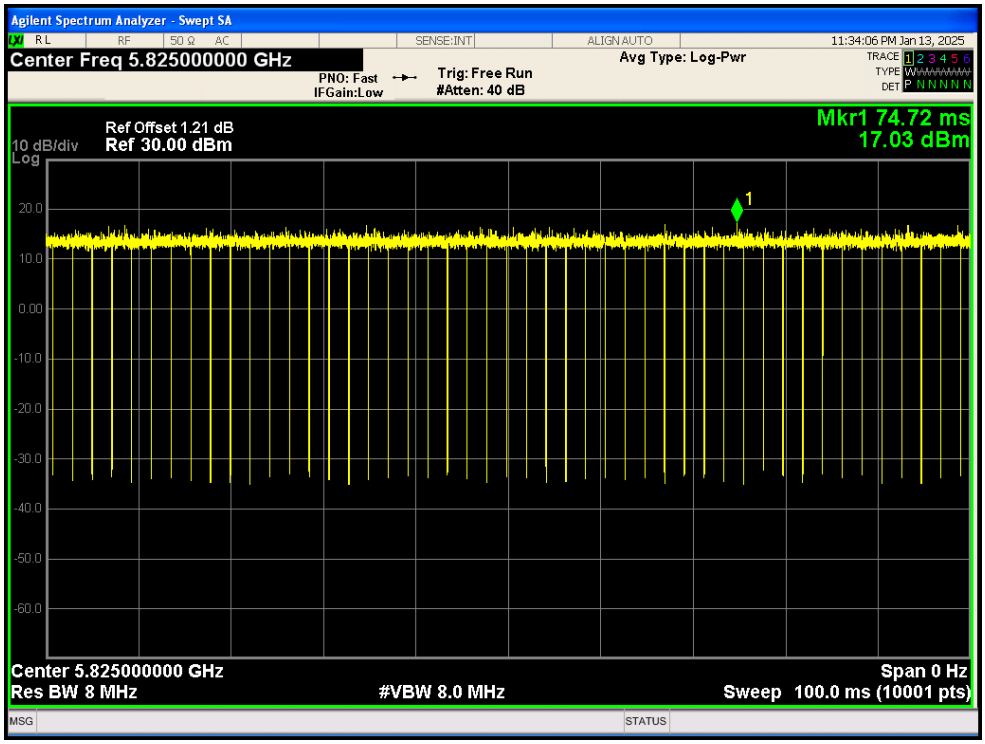
Duty Cycle NVNT a 5745MHz Ant1



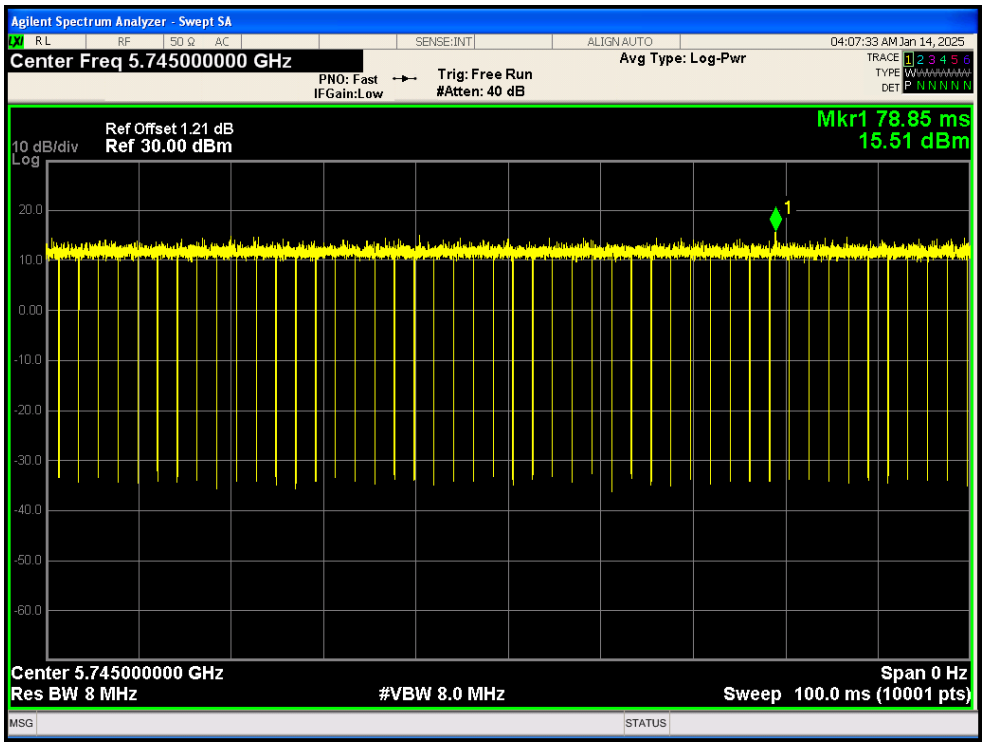
Duty Cycle NVNT a 5785MHz Ant1



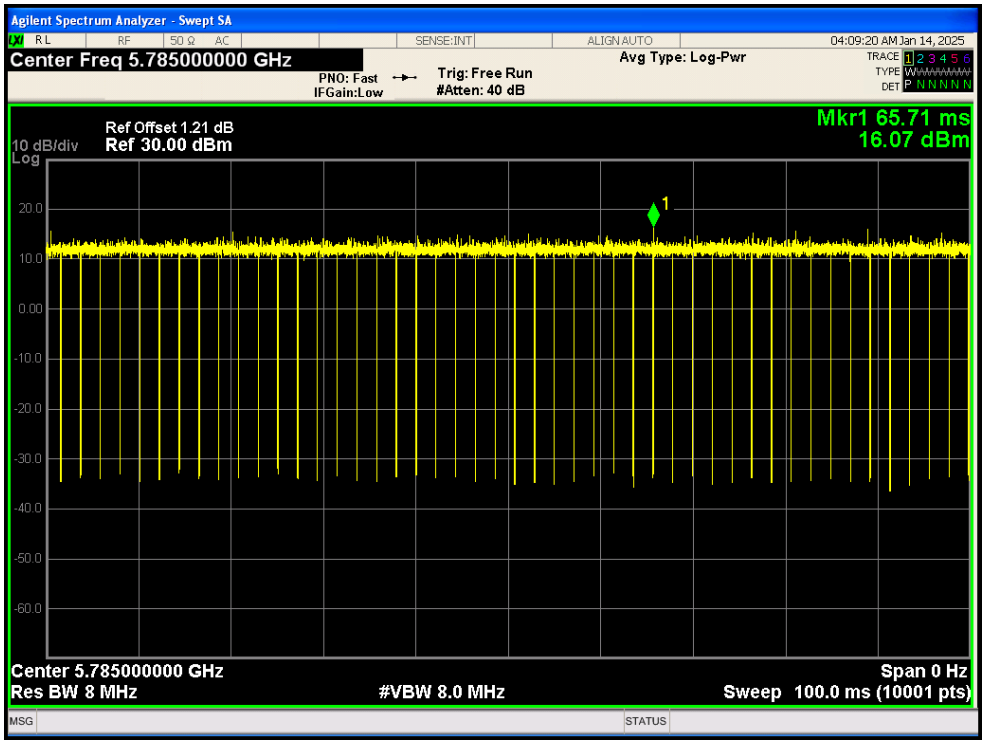
Duty Cycle NVNT a 5825MHz Ant1



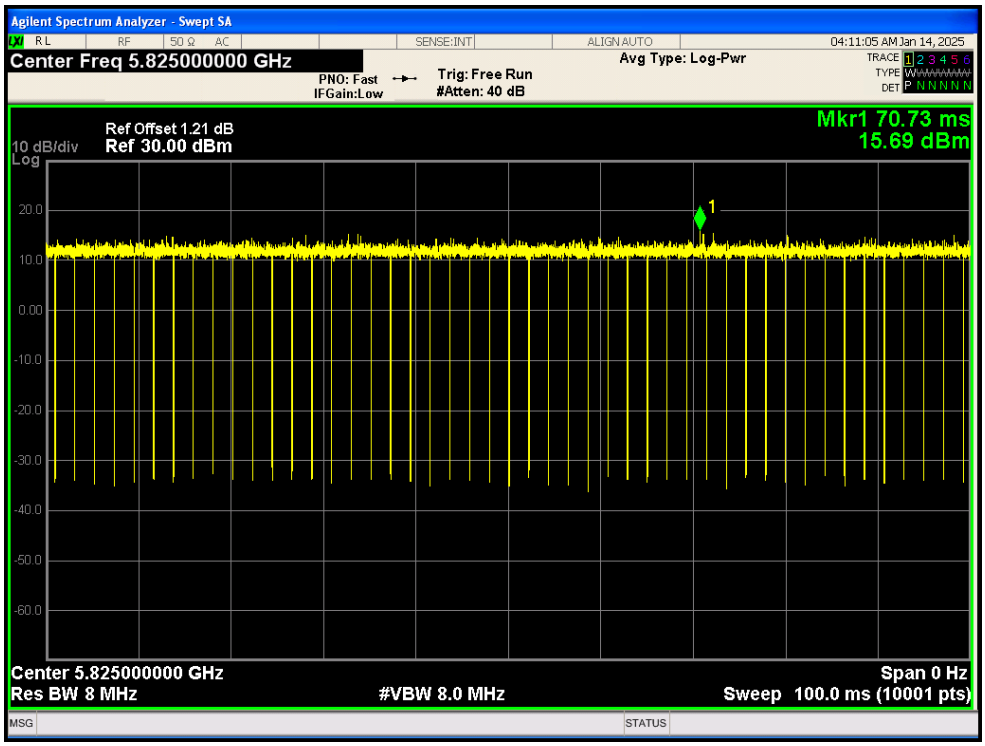
Duty Cycle NVNT a 5745MHz Ant2



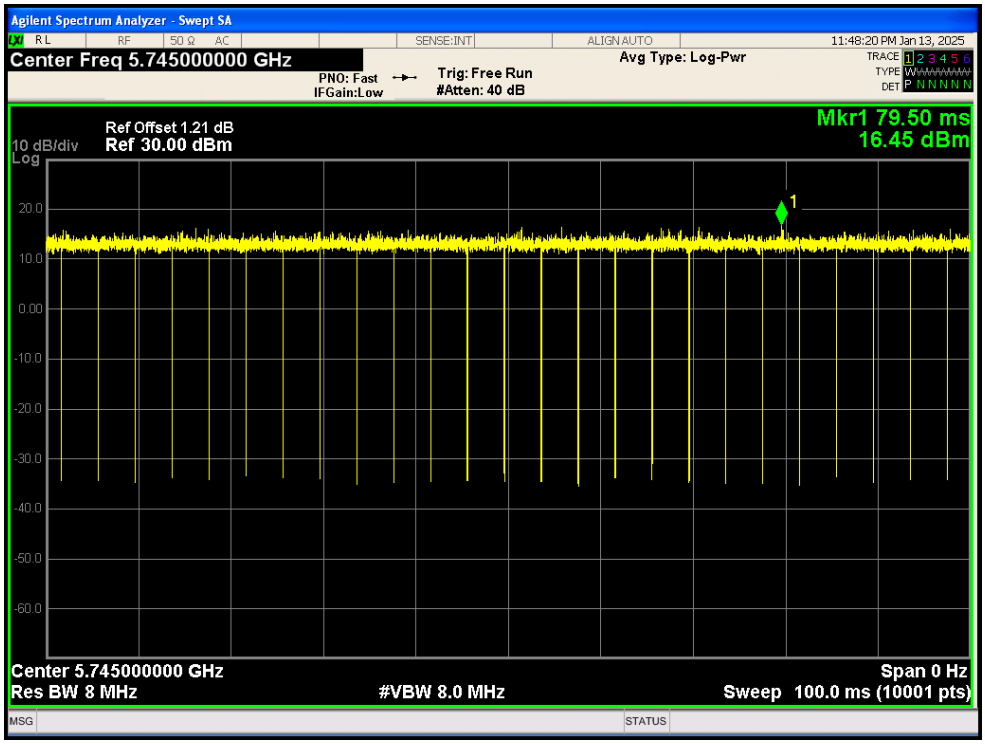
Duty Cycle NVNT a 5785MHz Ant2



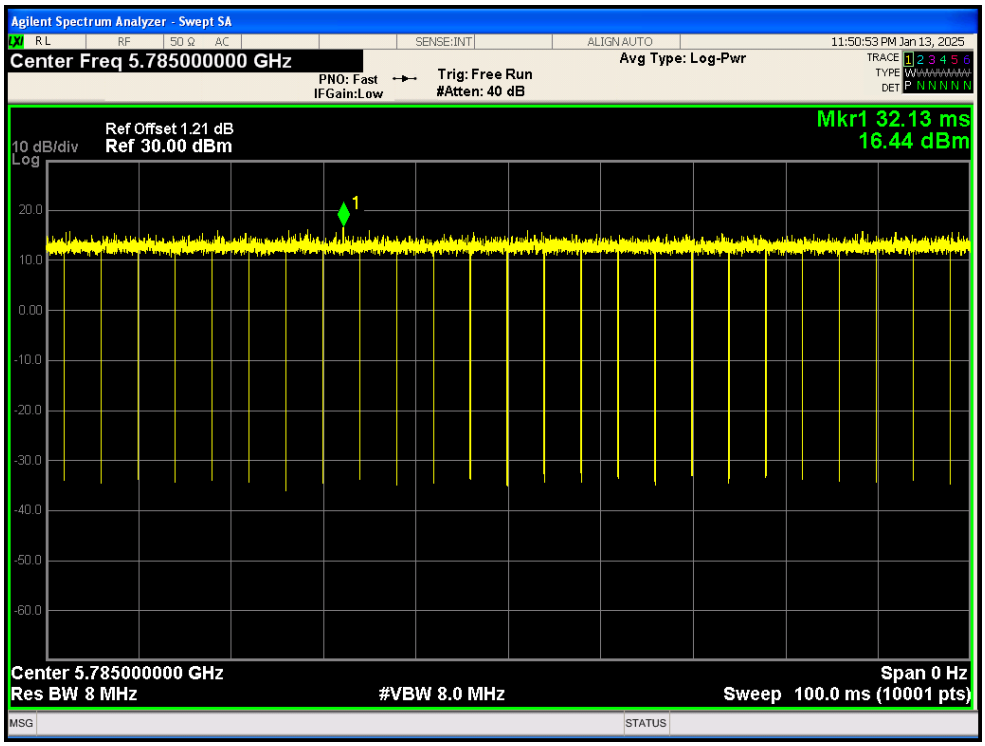
Duty Cycle NVNT a 5825MHz Ant2



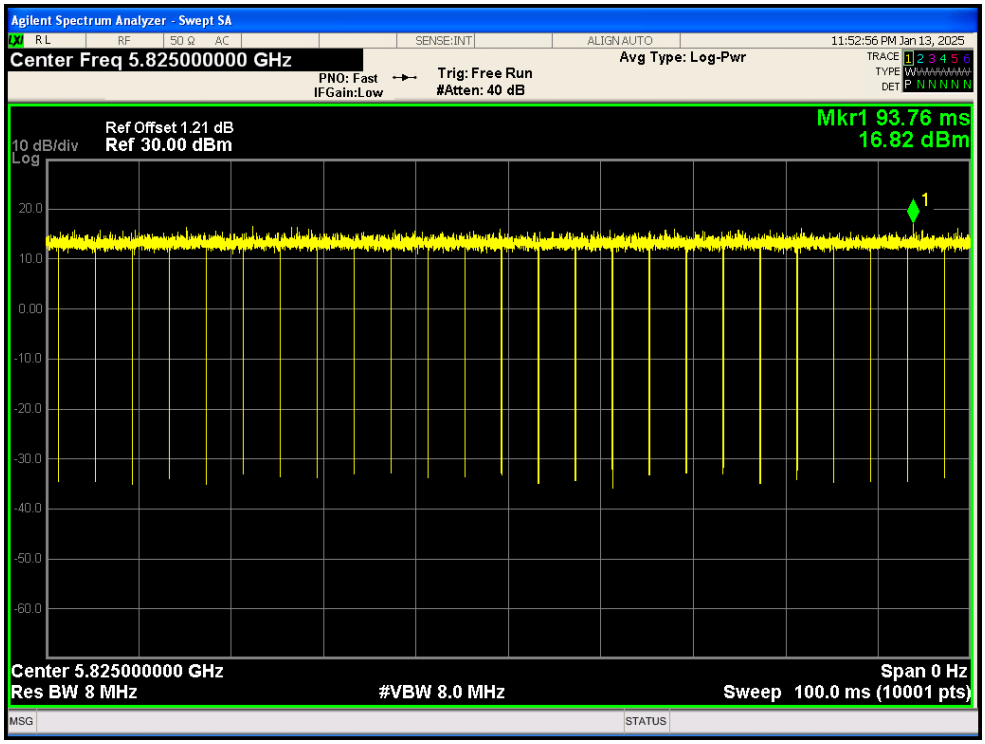
Duty Cycle NVNT ac20 5745MHz Ant1



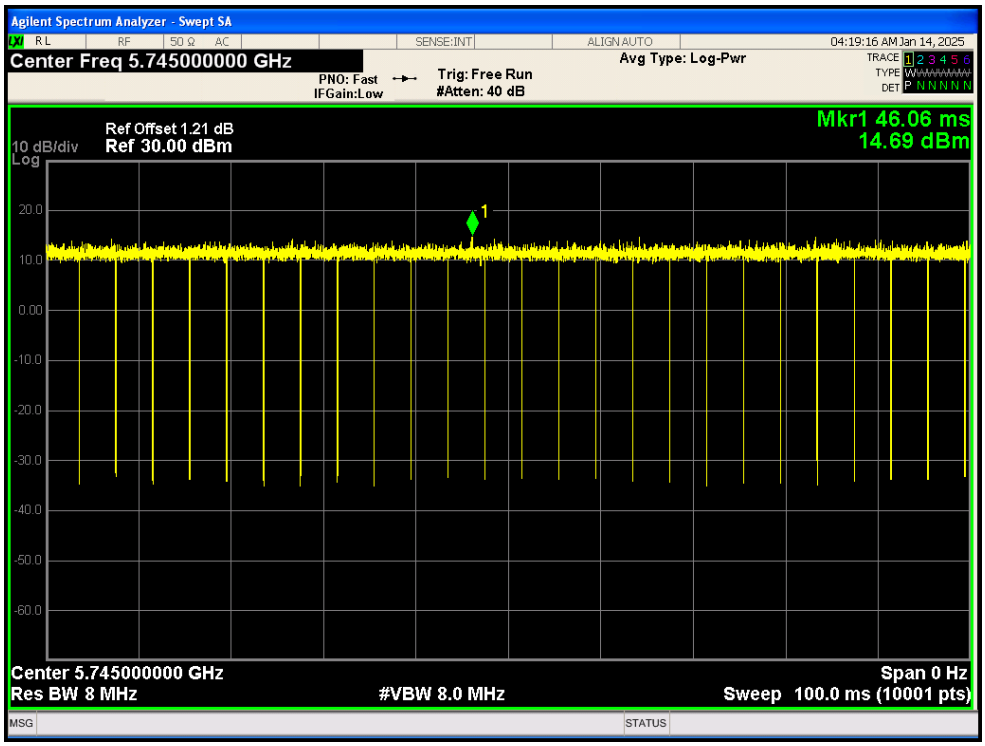
Duty Cycle NVNT ac20 5785MHz Ant1



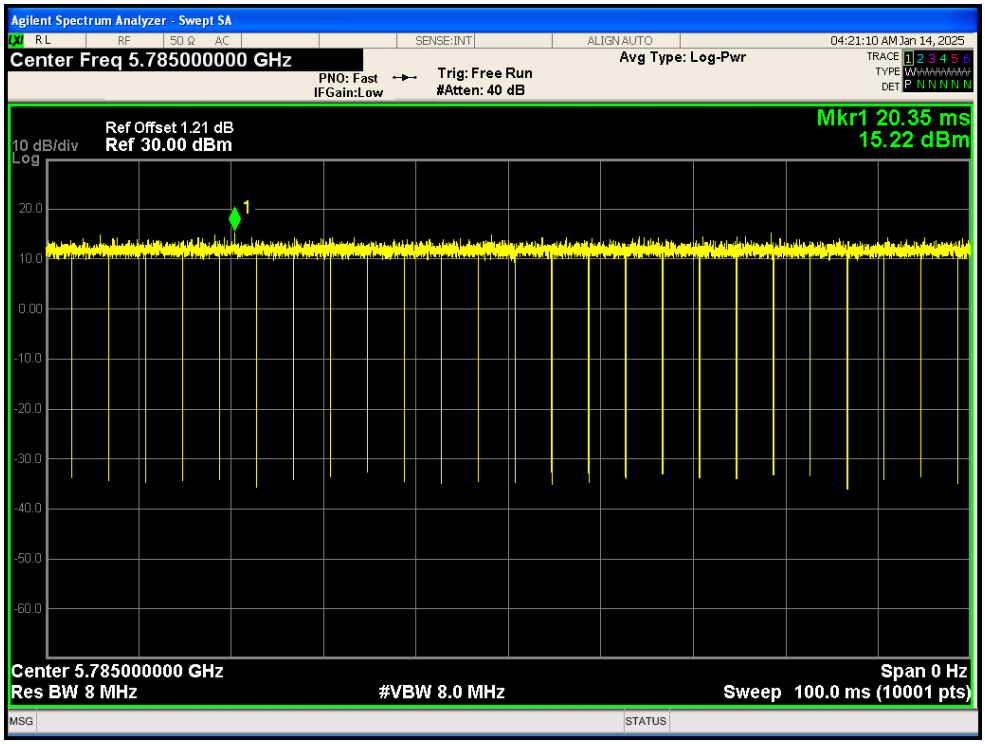
Duty Cycle NVNT ac20 5825MHz Ant1



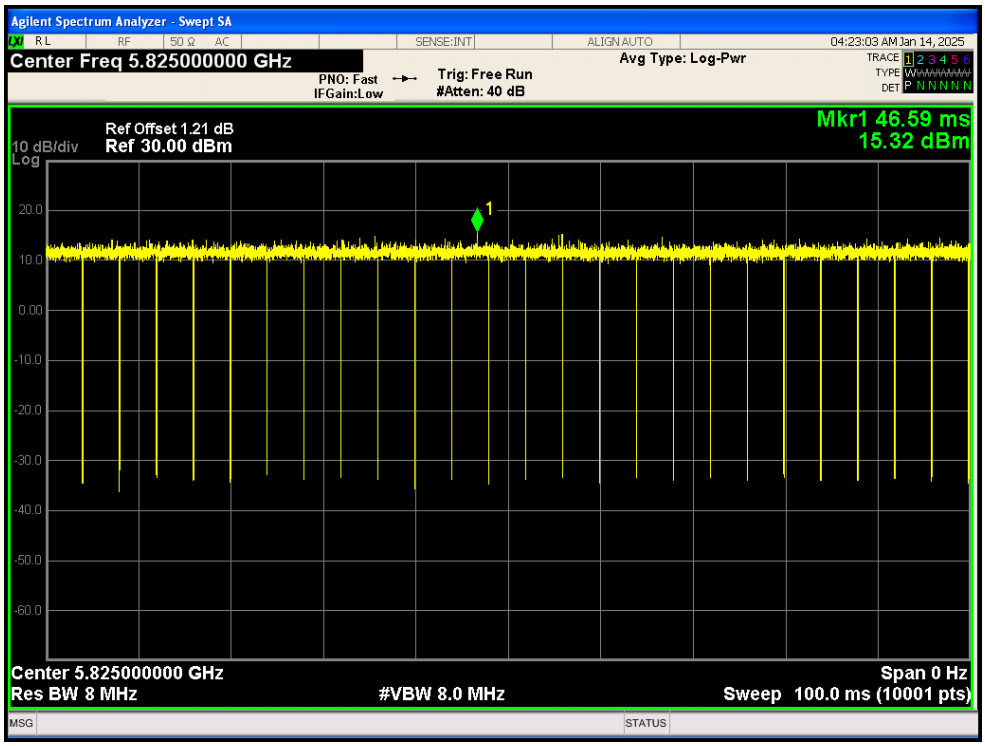
Duty Cycle NVNT ac20 5745MHz Ant2



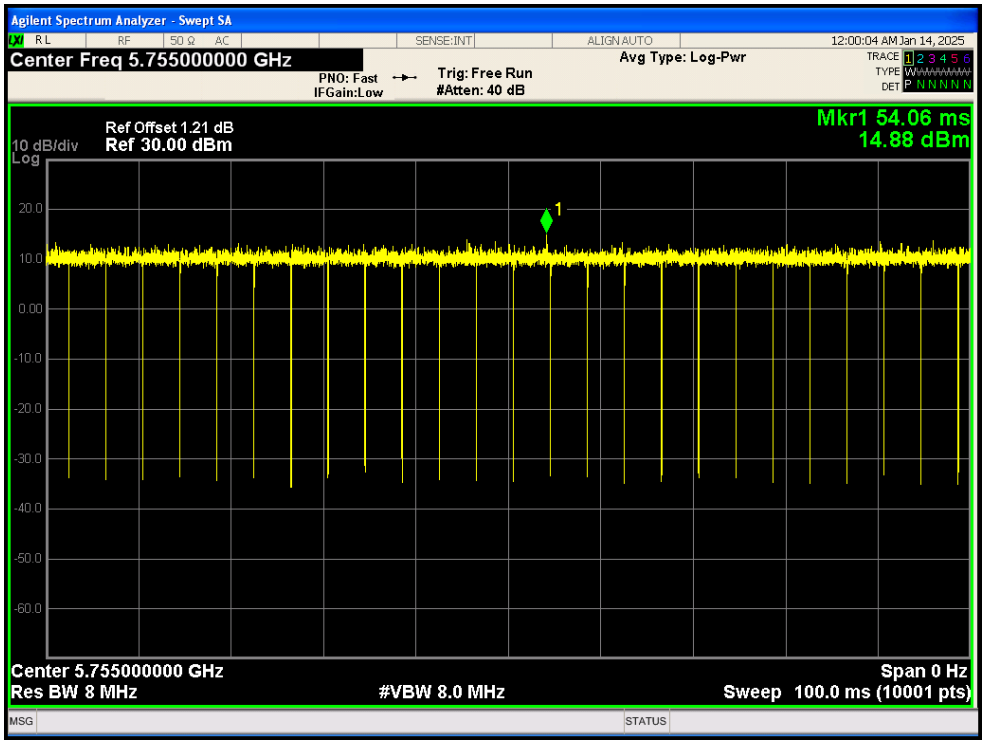
Duty Cycle NVNT ac20 5785MHz Ant2



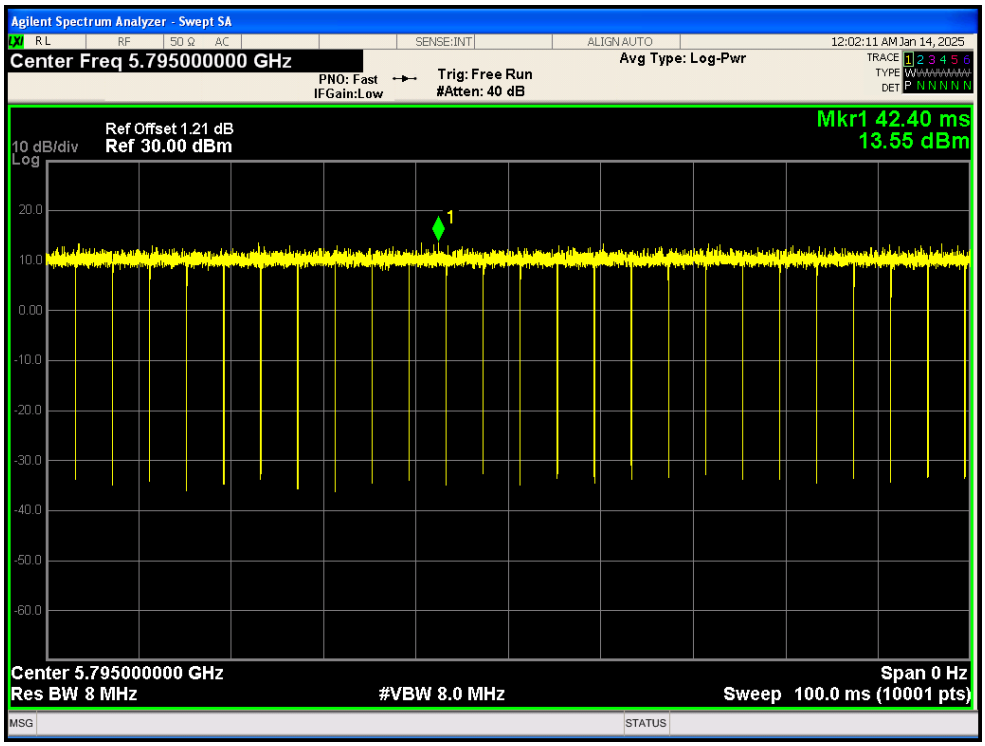
Duty Cycle NVNT ac20 5825MHz Ant2



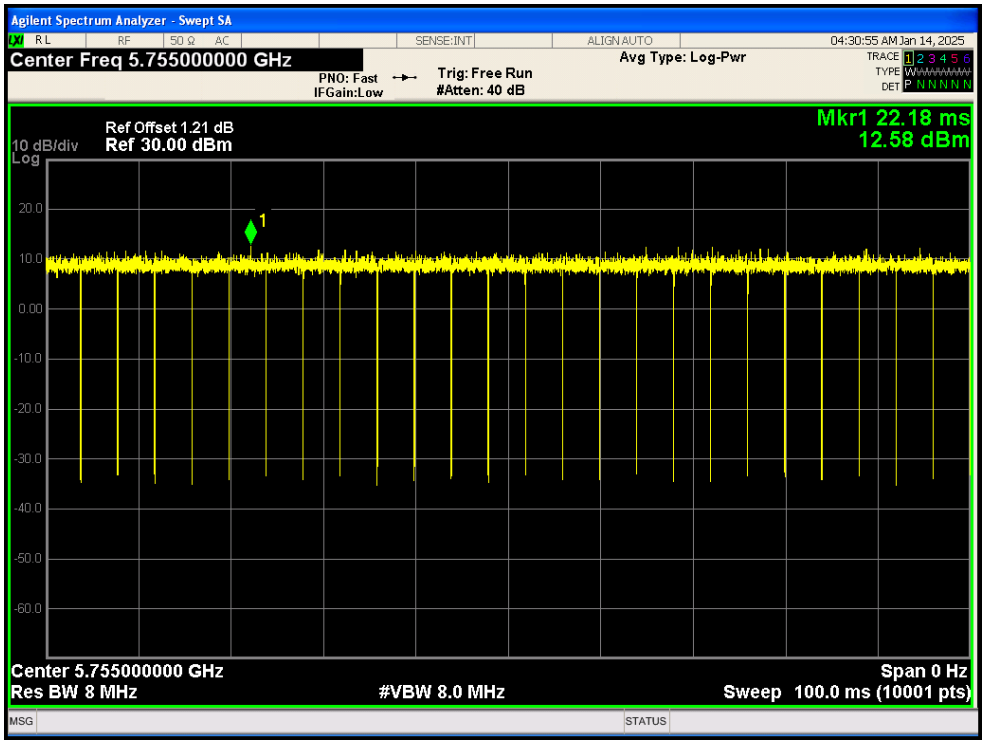
Duty Cycle NVNT ac40 5755MHz Ant1



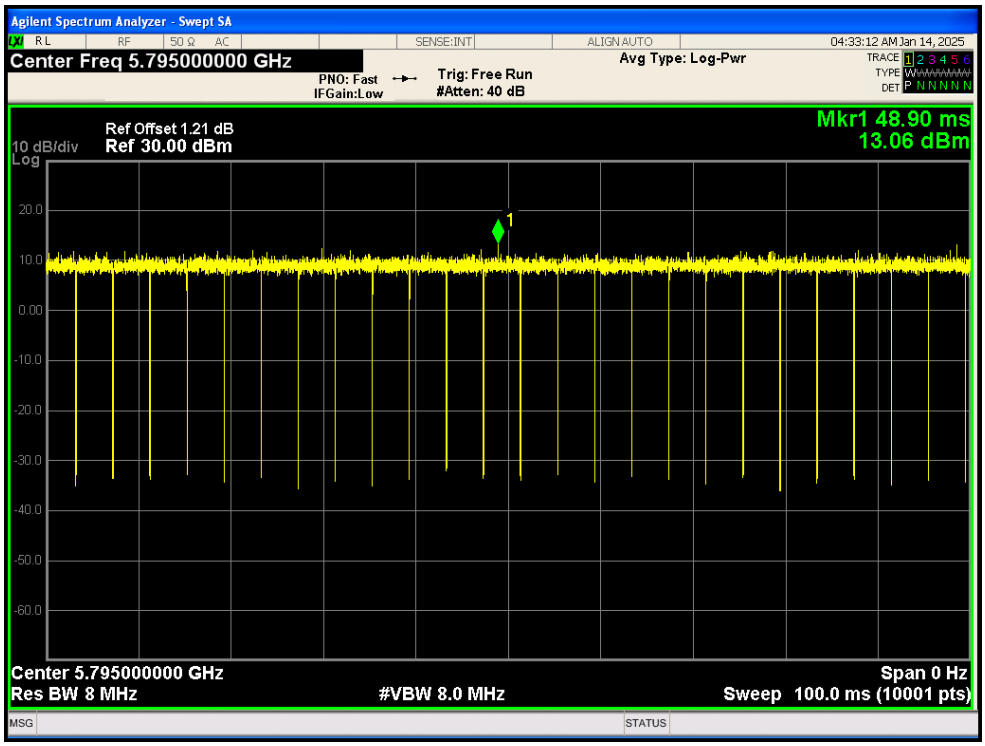
Duty Cycle NVNT ac40 5795MHz Ant1



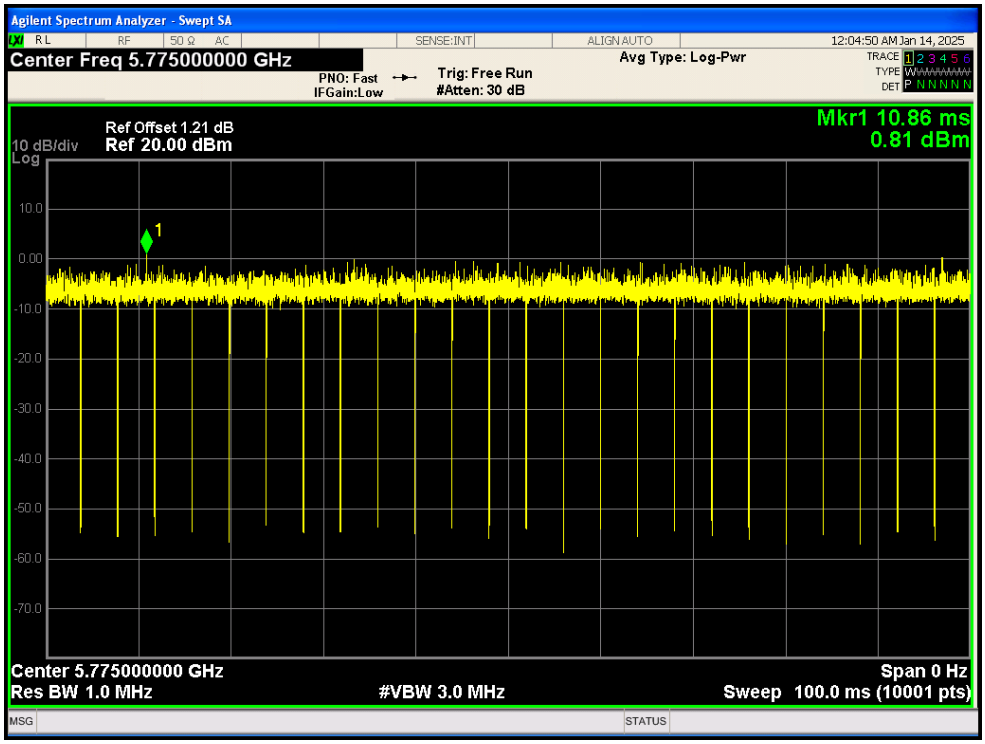
Duty Cycle NVNT ac40 5755MHz Ant2



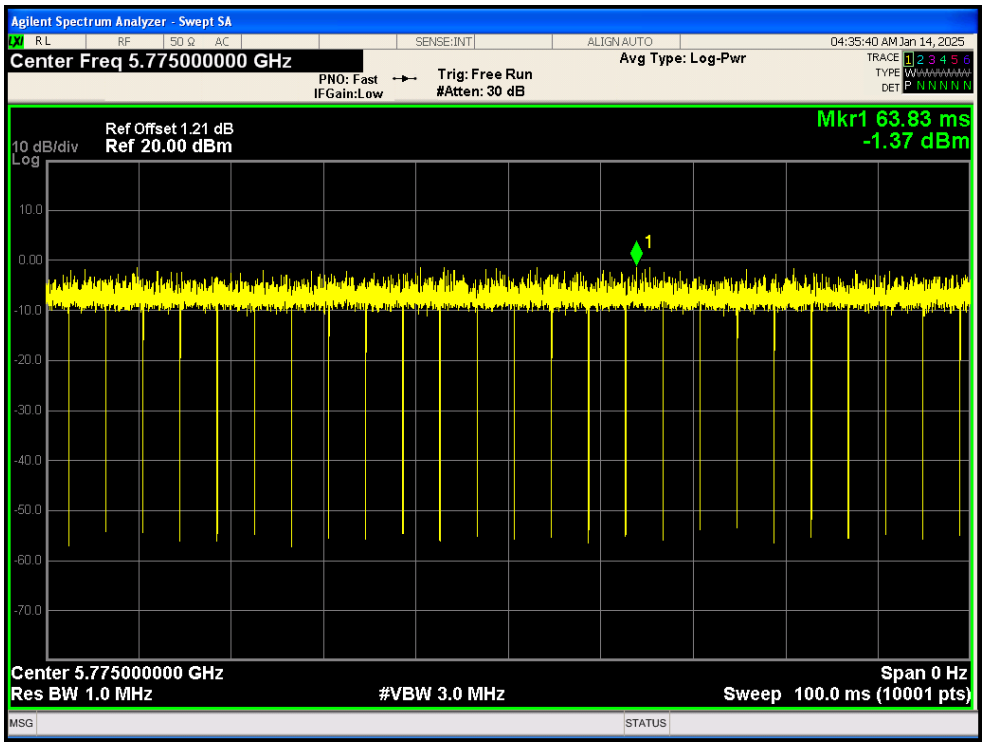
Duty Cycle NVNT ac40 5795MHz Ant2



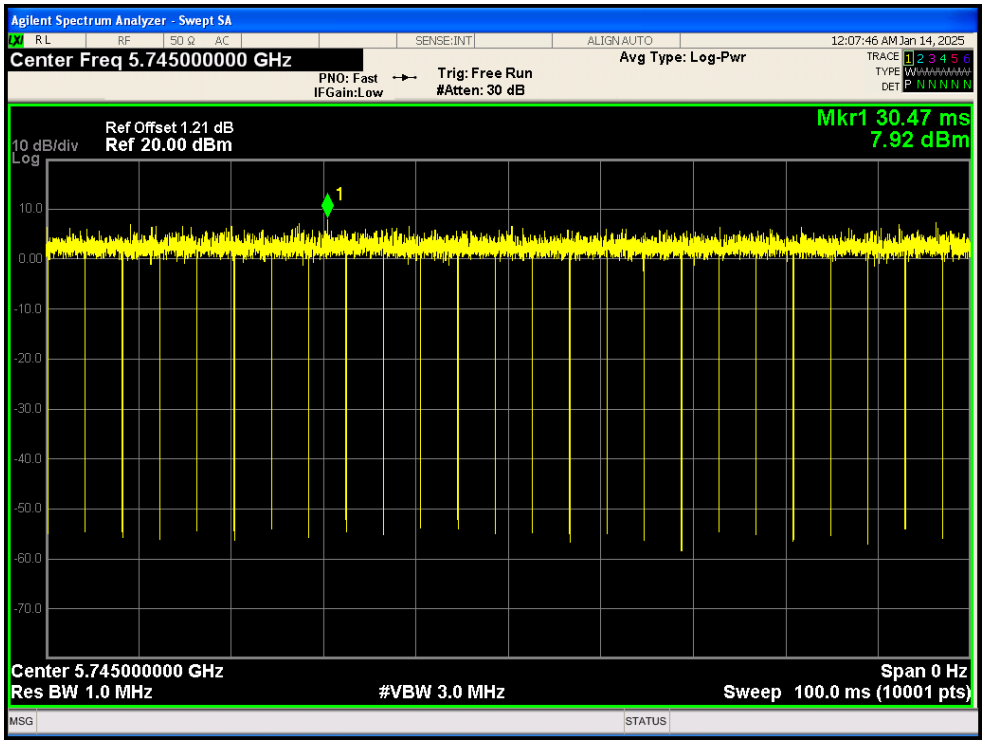
Duty Cycle NVNT ac80 5775MHz Ant1



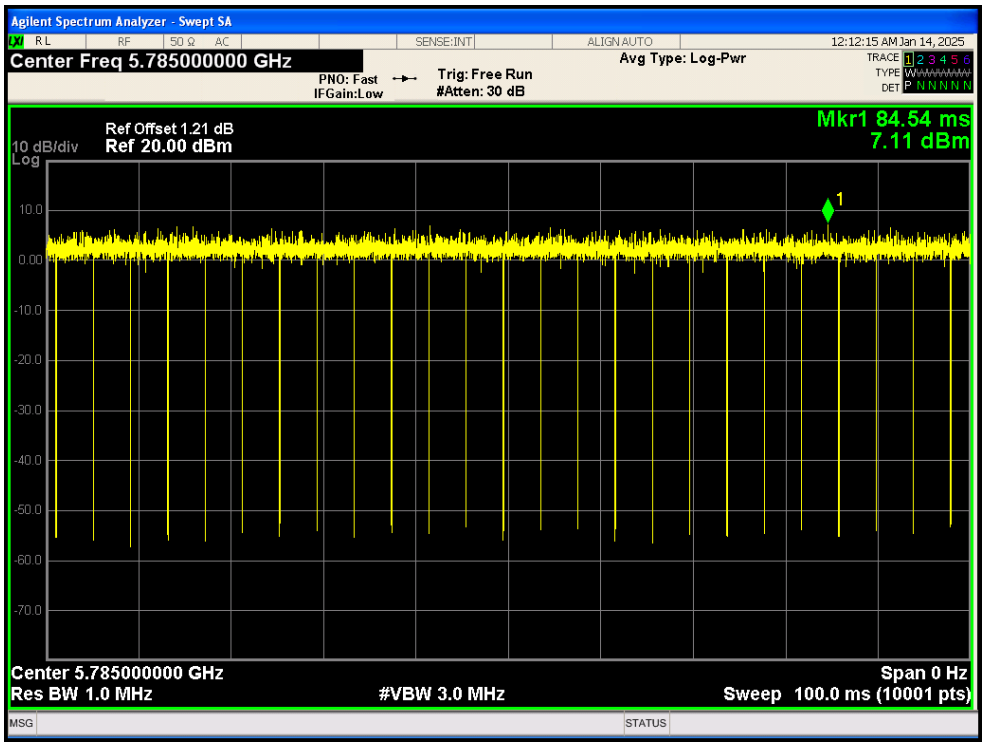
Duty Cycle NVNT ac80 5775MHz Ant2



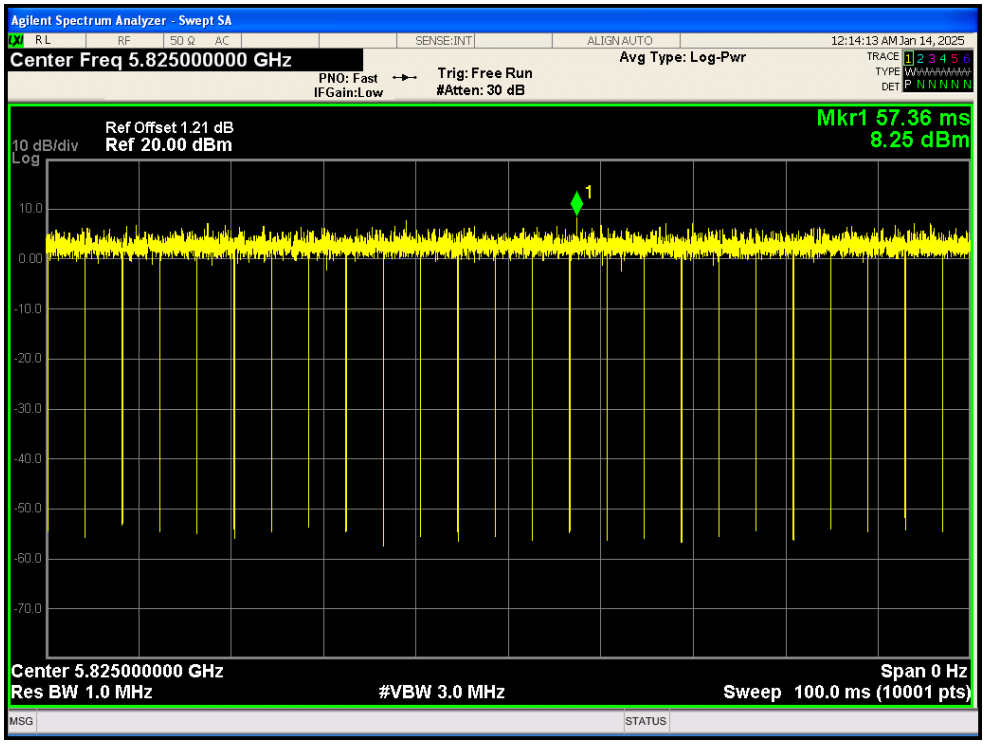
Duty Cycle NVNT ax20 5745MHz Ant1



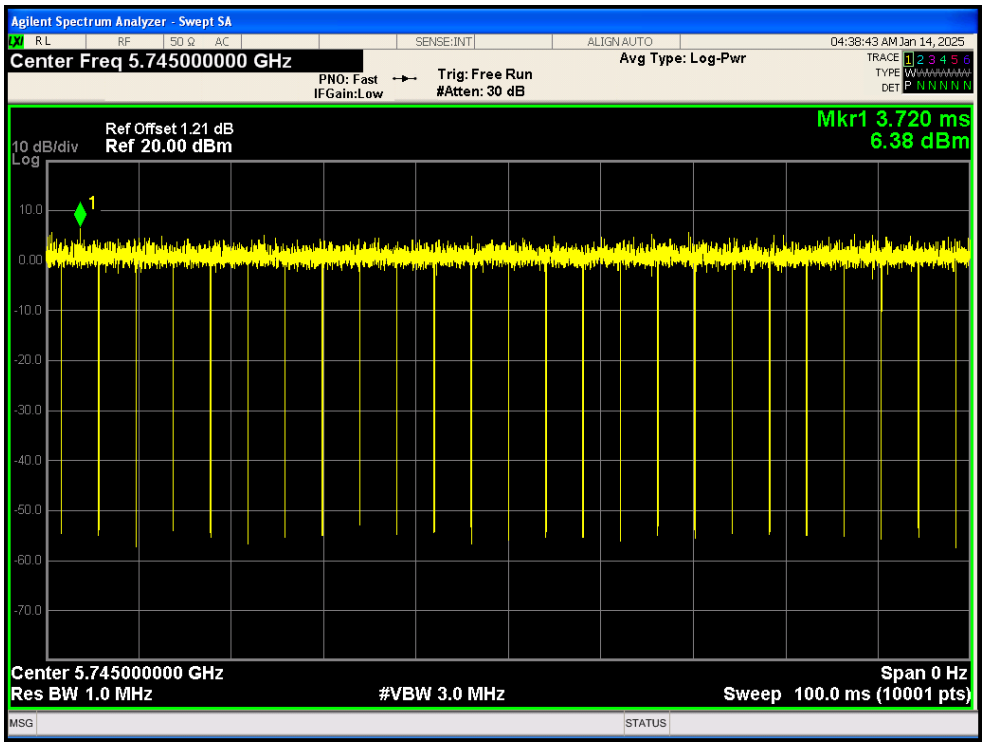
Duty Cycle NVNT ax20 5785MHz Ant1



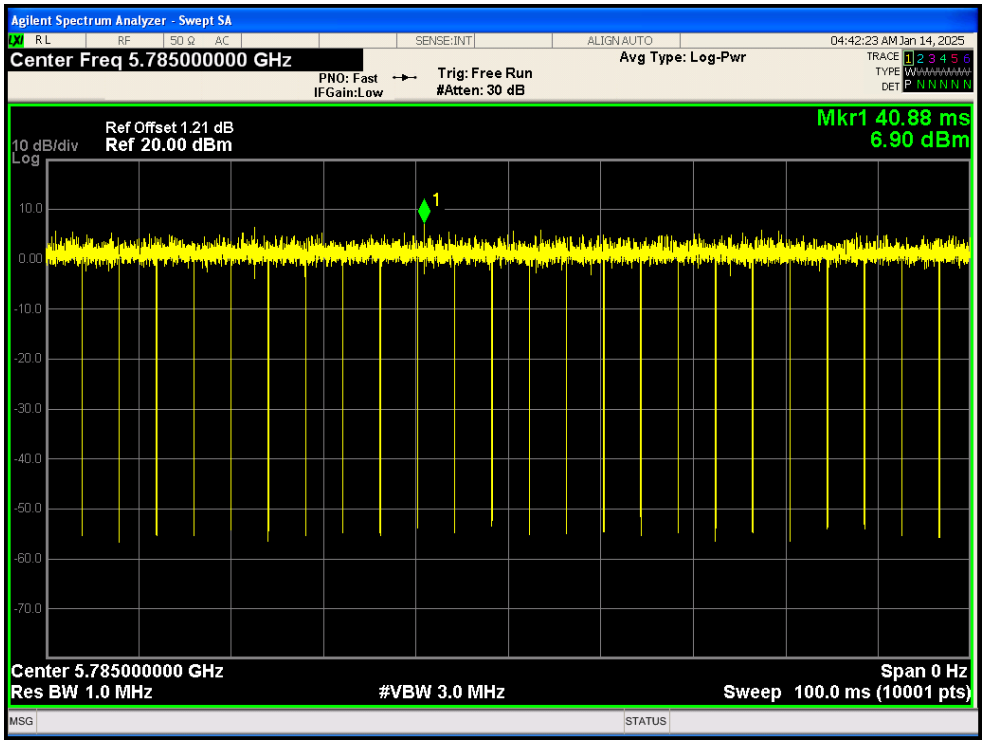
Duty Cycle NVNT ax20 5825MHz Ant1



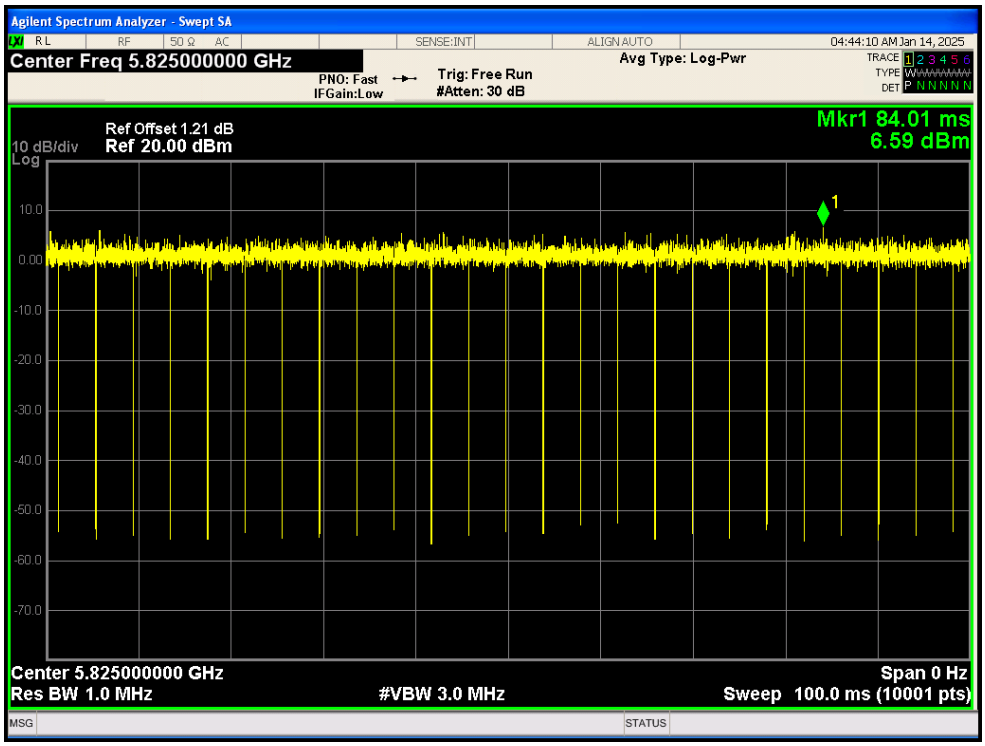
Duty Cycle NVNT ax20 5745MHz Ant2



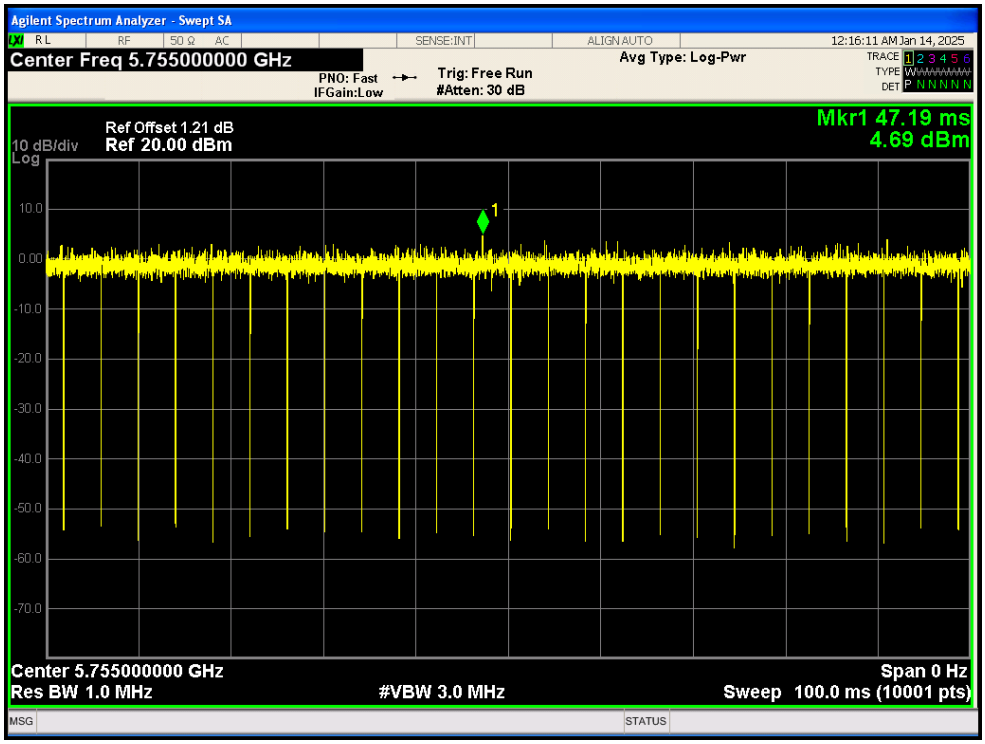
Duty Cycle NVNT ax20 5785MHz Ant2



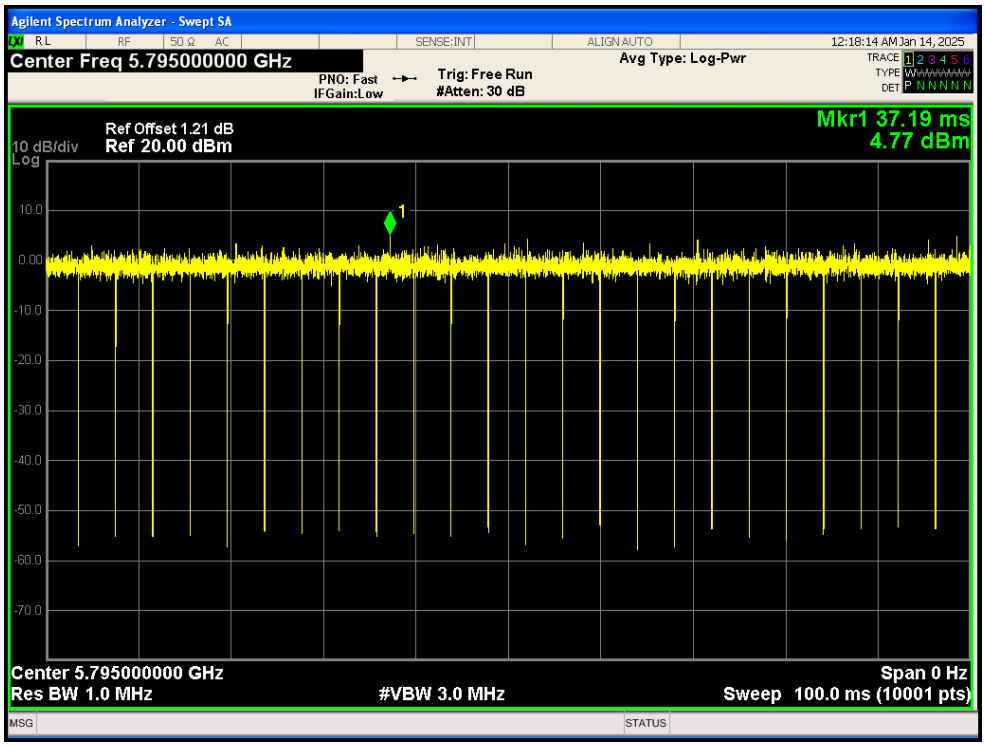
Duty Cycle NVNT ax20 5825MHz Ant2



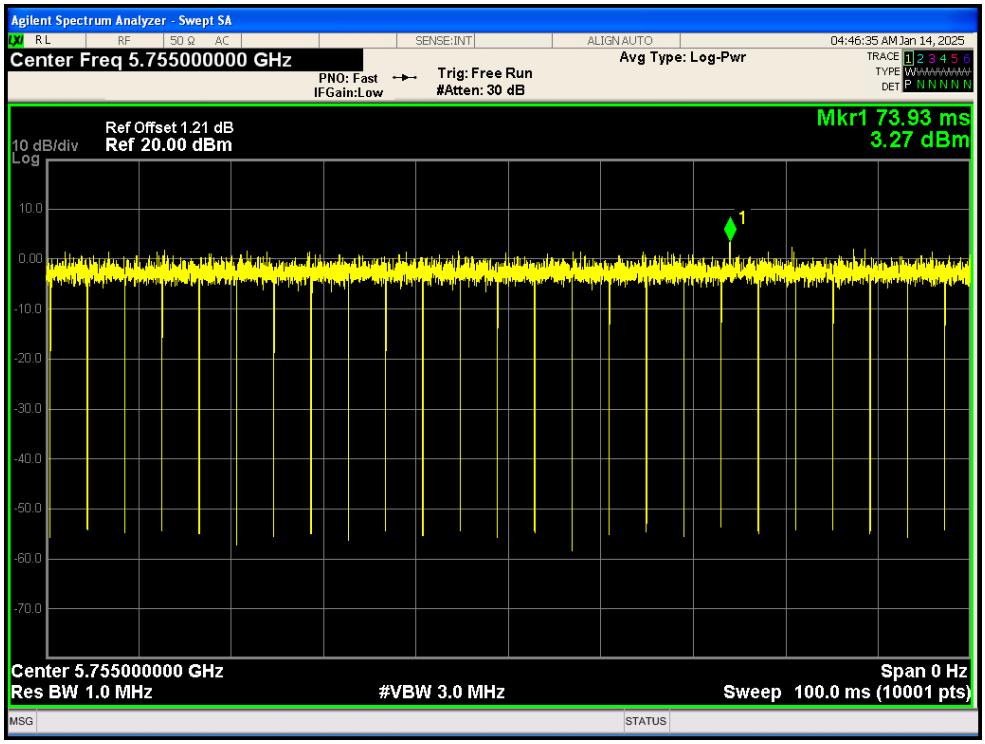
Duty Cycle NVNT ax40 5755MHz Ant1



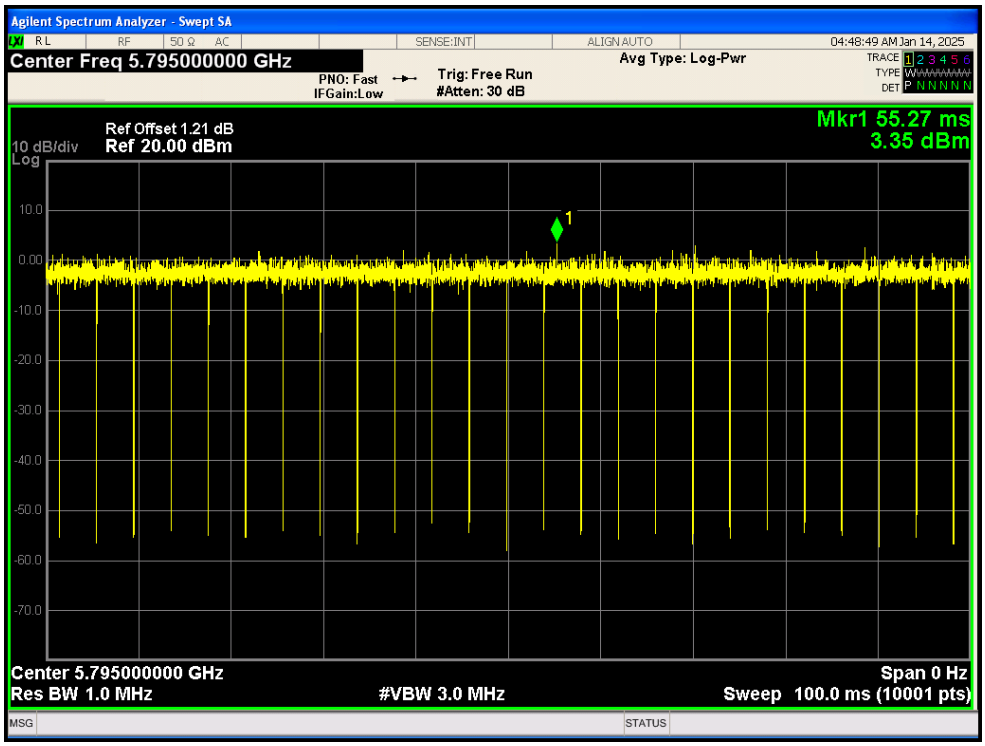
Duty Cycle NVNT ax40 5795MHz Ant1



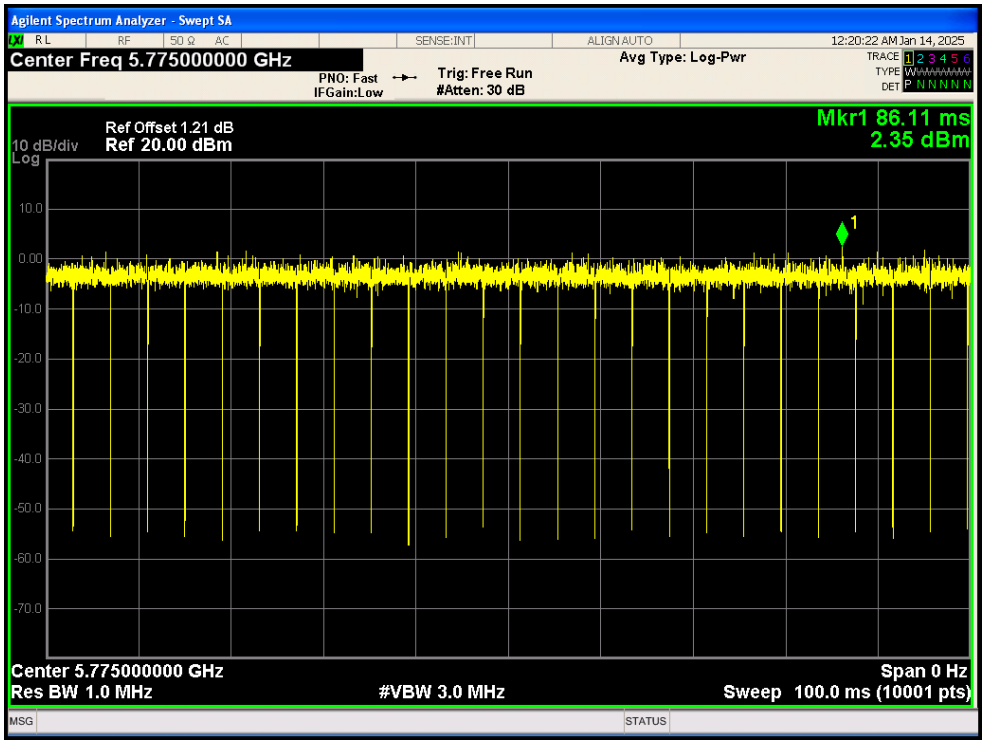
Duty Cycle NVNT ax40 5755MHz Ant2



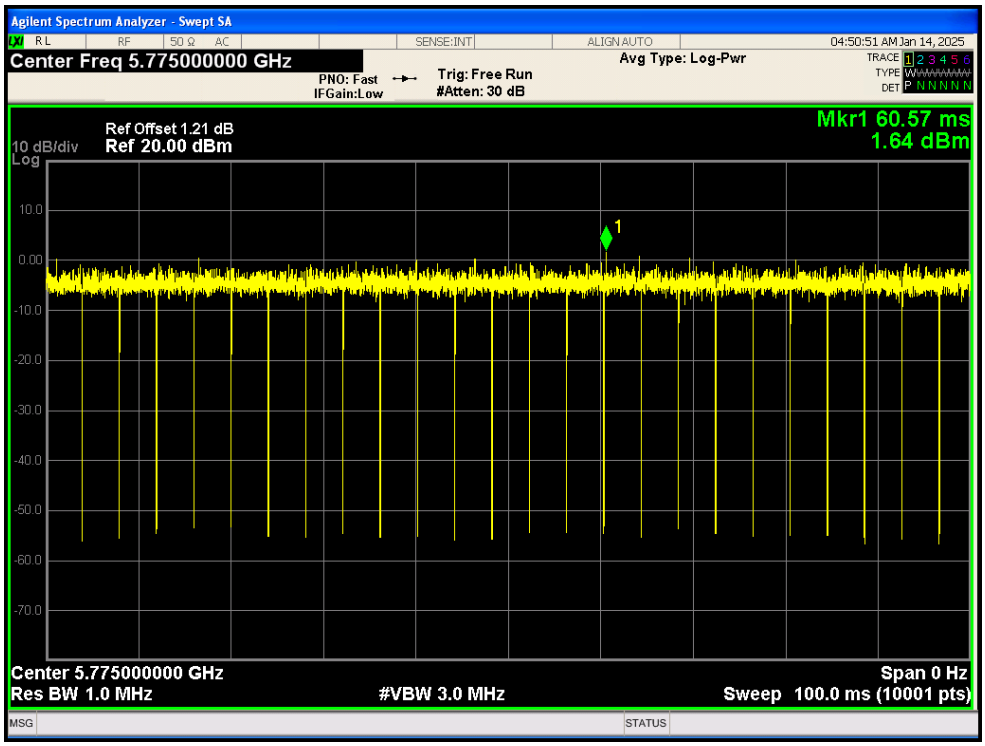
Duty Cycle NVNT ax40 5795MHz Ant2



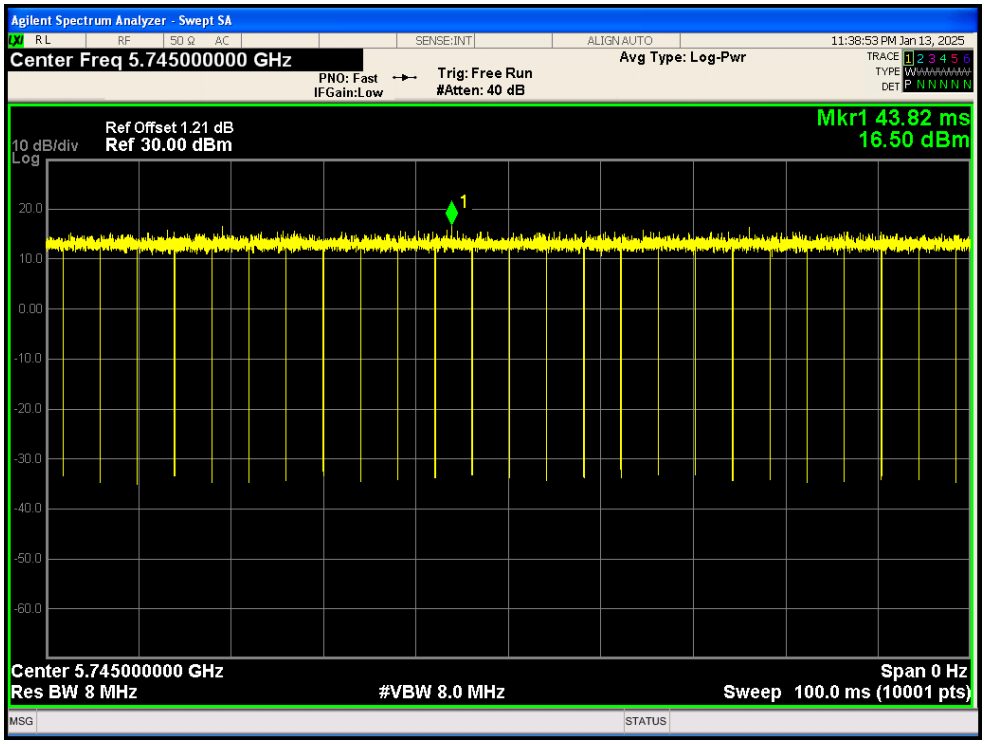
Duty Cycle NVNT ax80 5775MHz Ant1



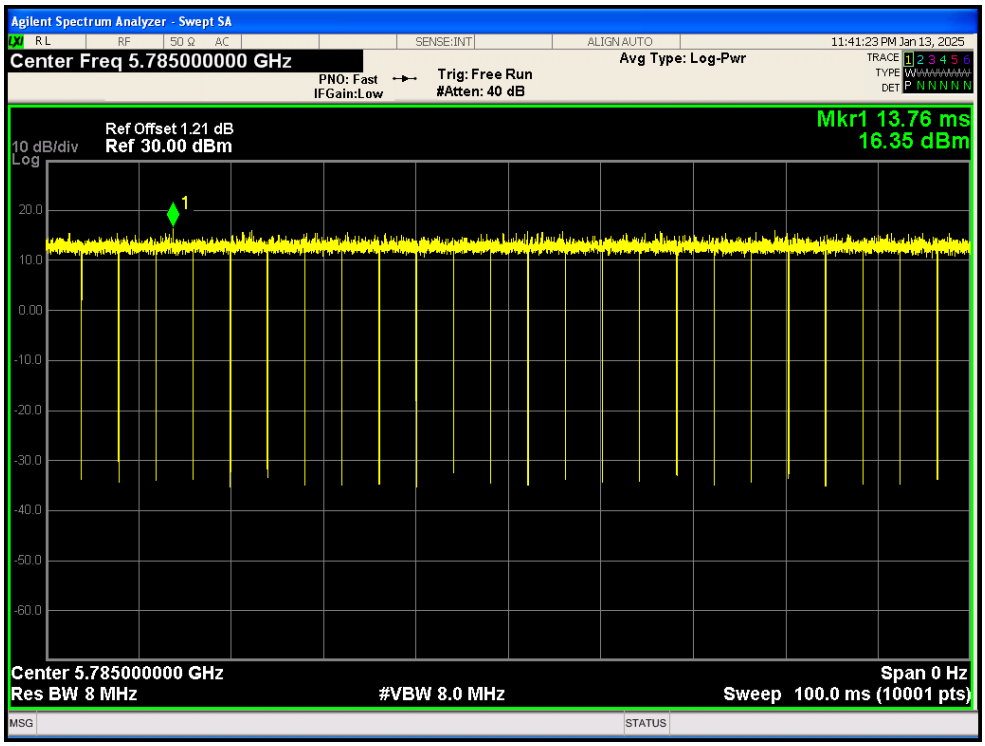
Duty Cycle NVNT ax80 5775MHz Ant2



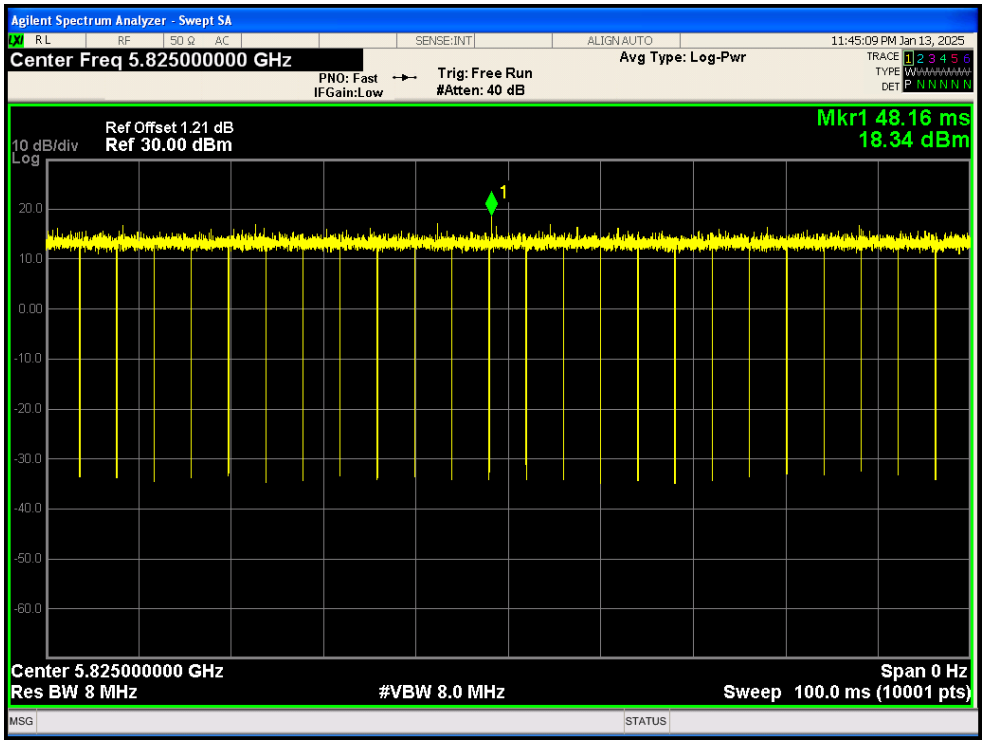
Duty Cycle NVNT n20 5745MHz Ant1



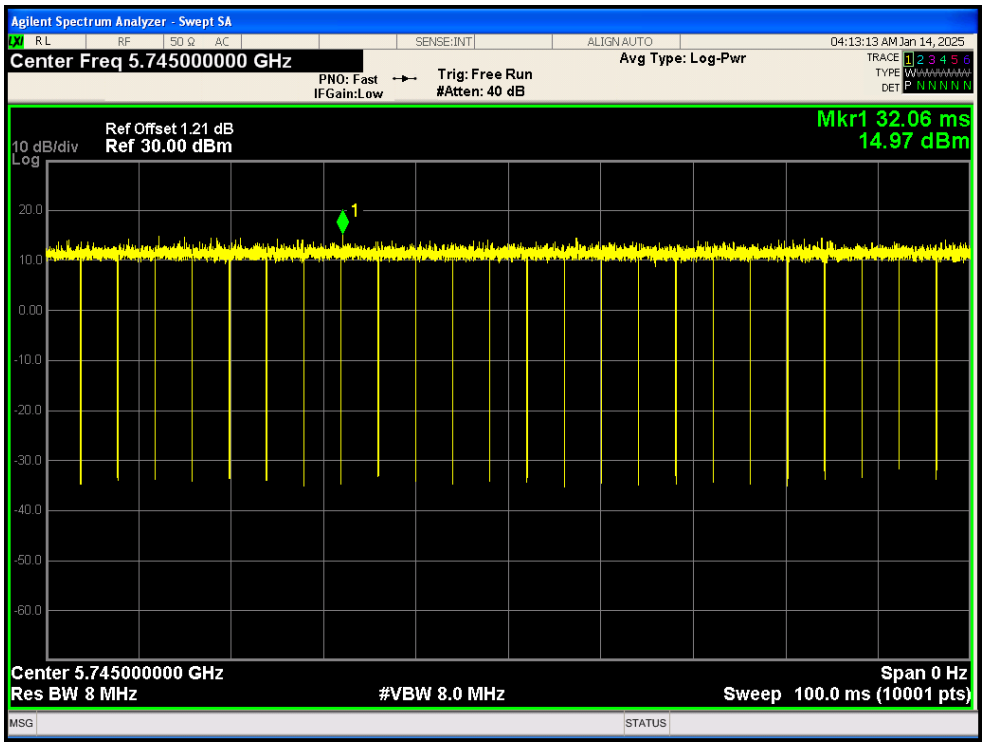
Duty Cycle NVNT n20 5785MHz Ant1



Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant2



Duty Cycle NVNT n20 5785MHz Ant2