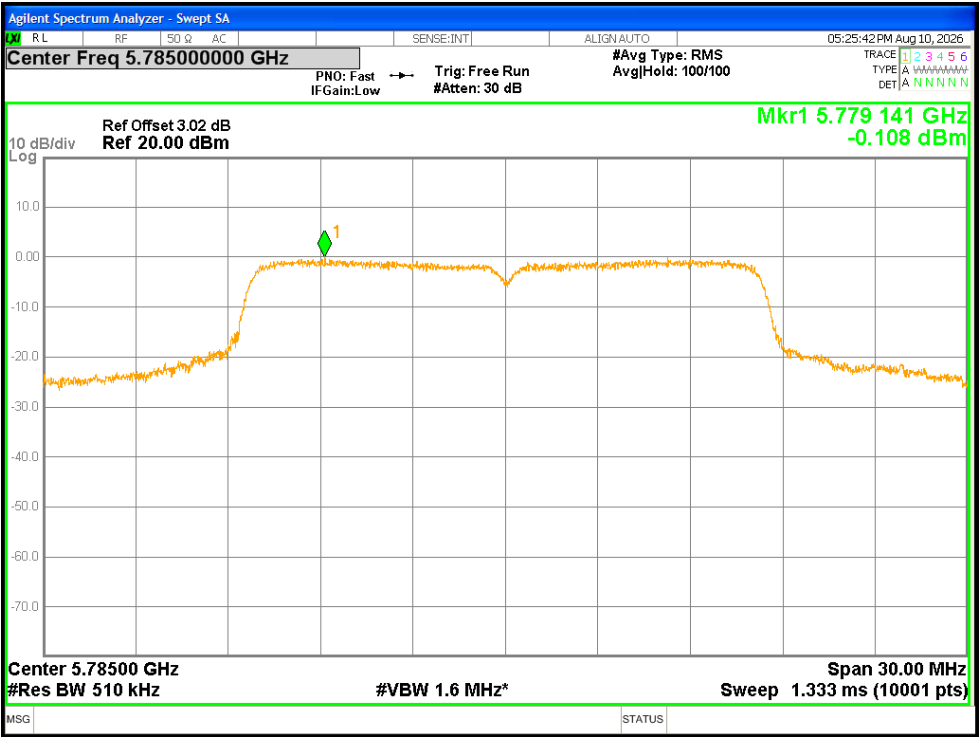
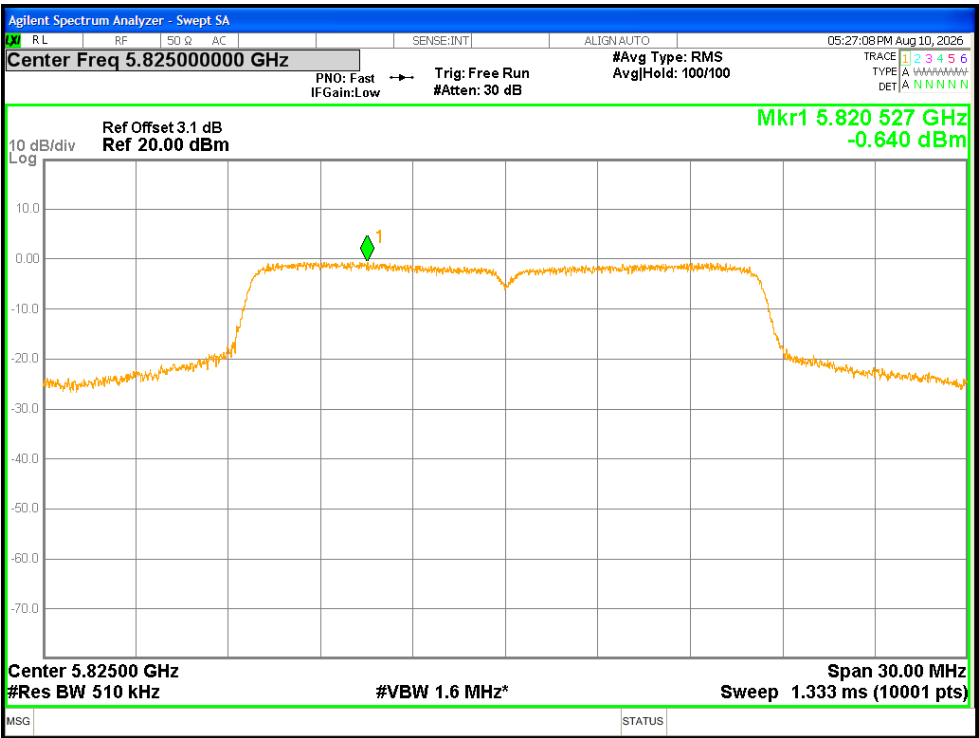
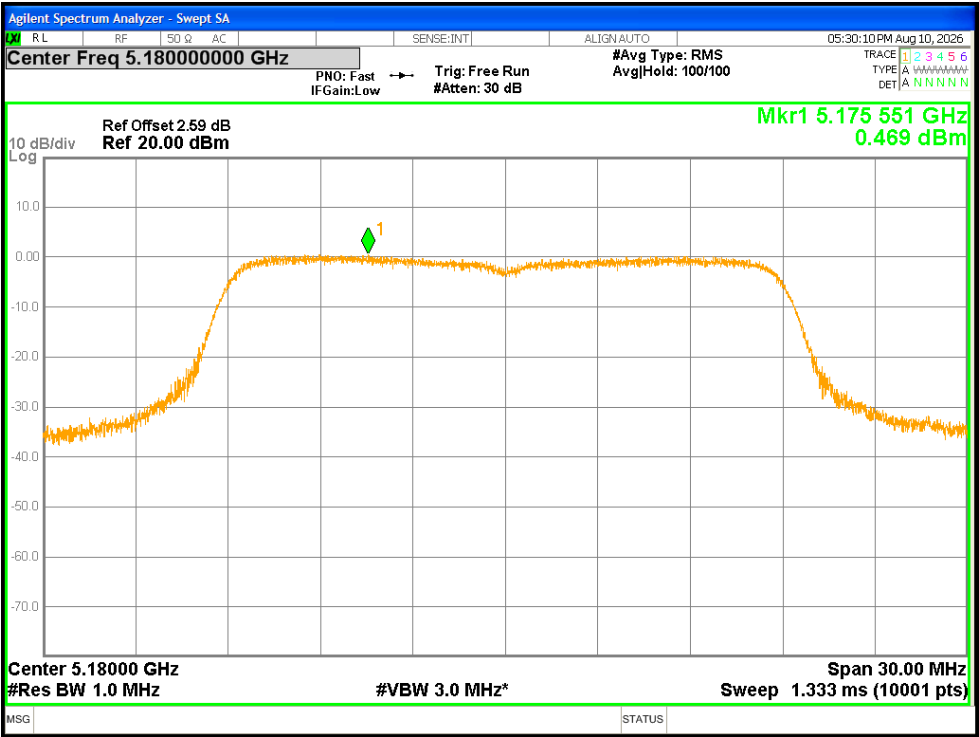




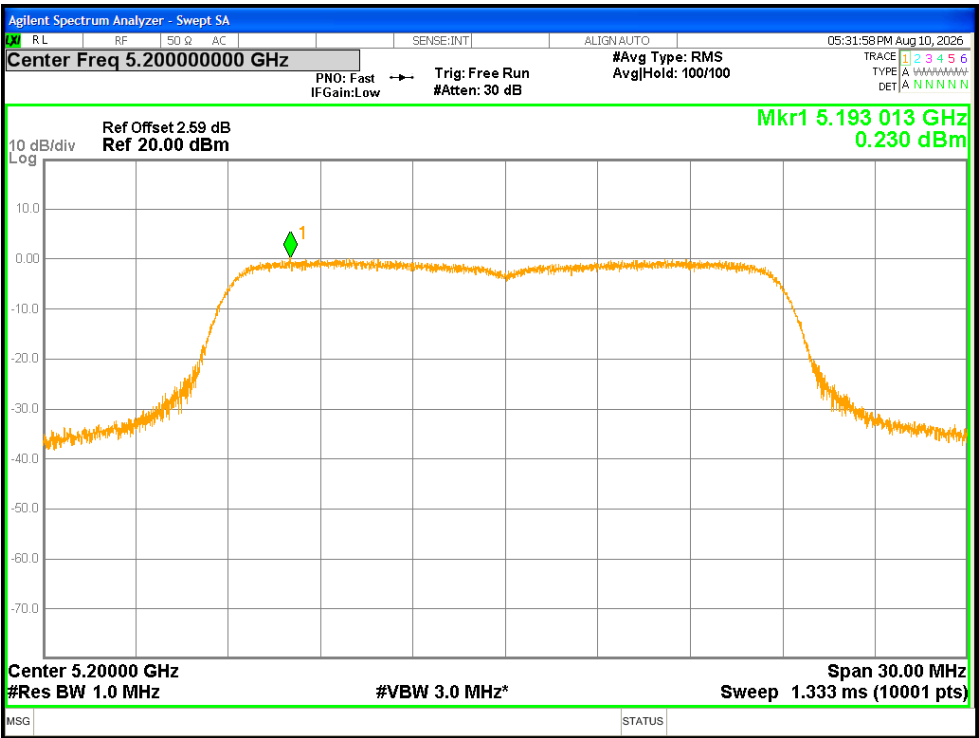
PSD NVNT a 5785MHz Ant1



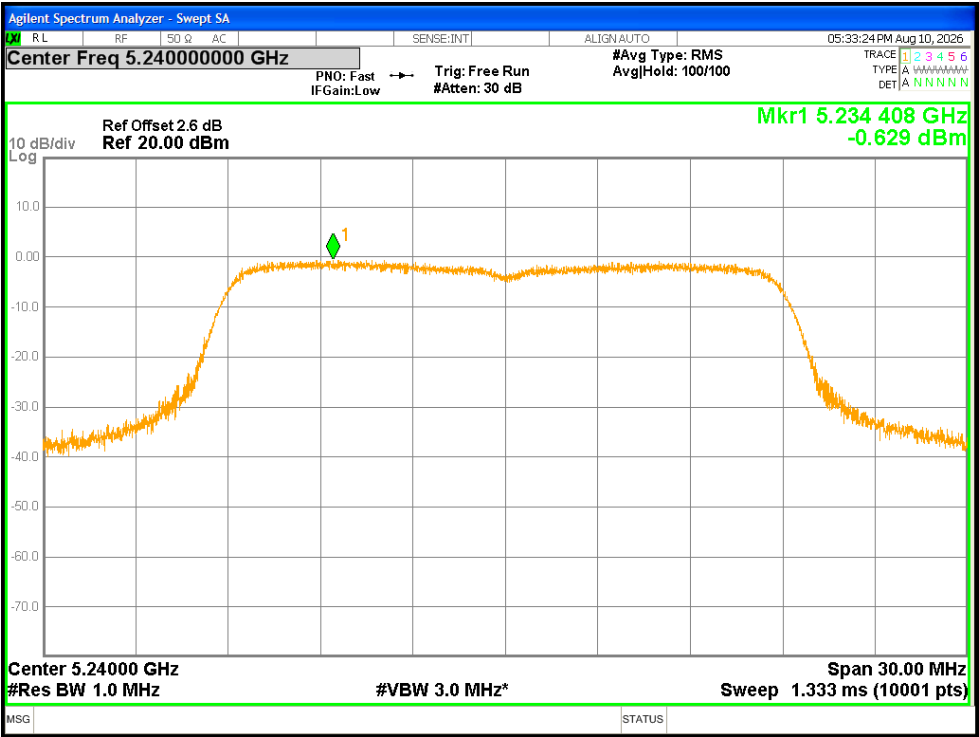
PSD NVNT a 5825MHz Ant1



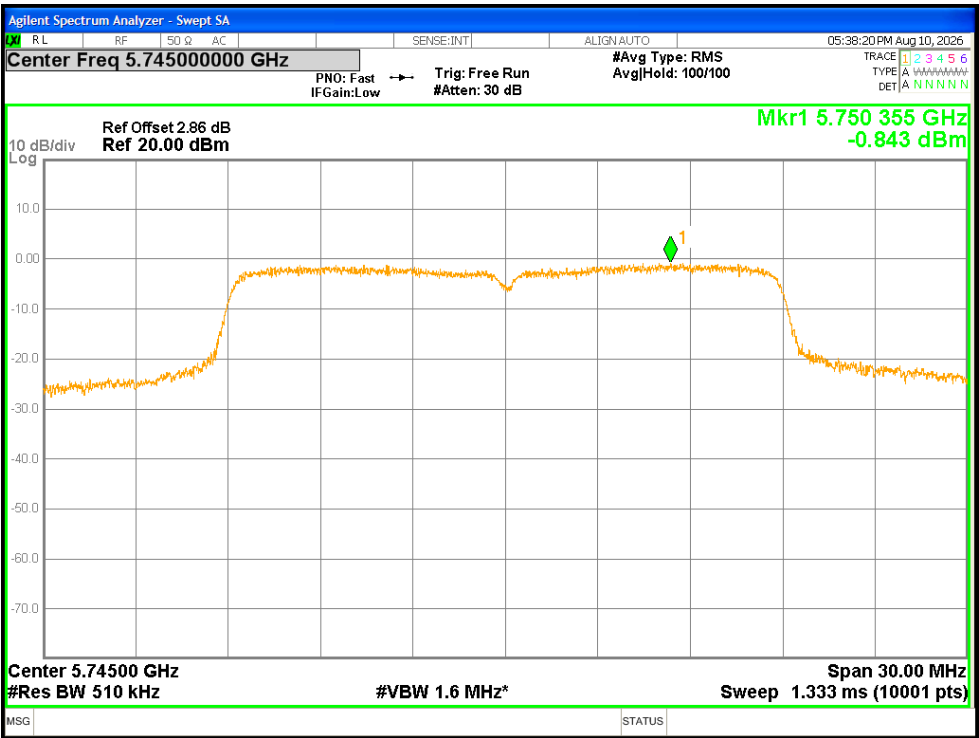
PSD NVNT n20 5180MHz Ant1



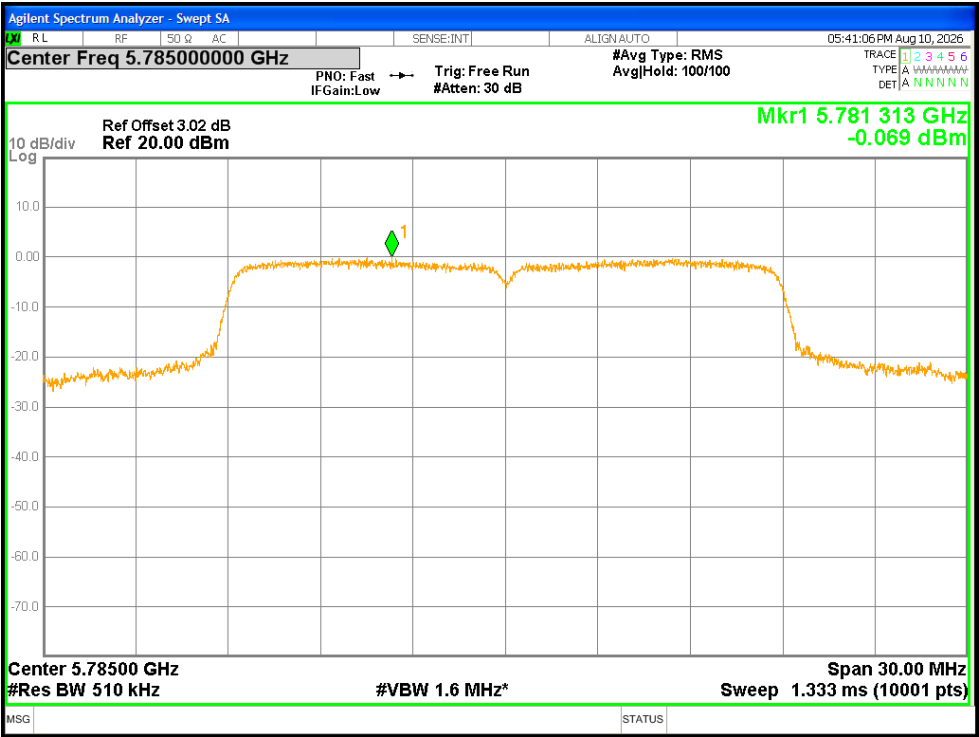
PSD NVNT n20 5200MHz Ant1



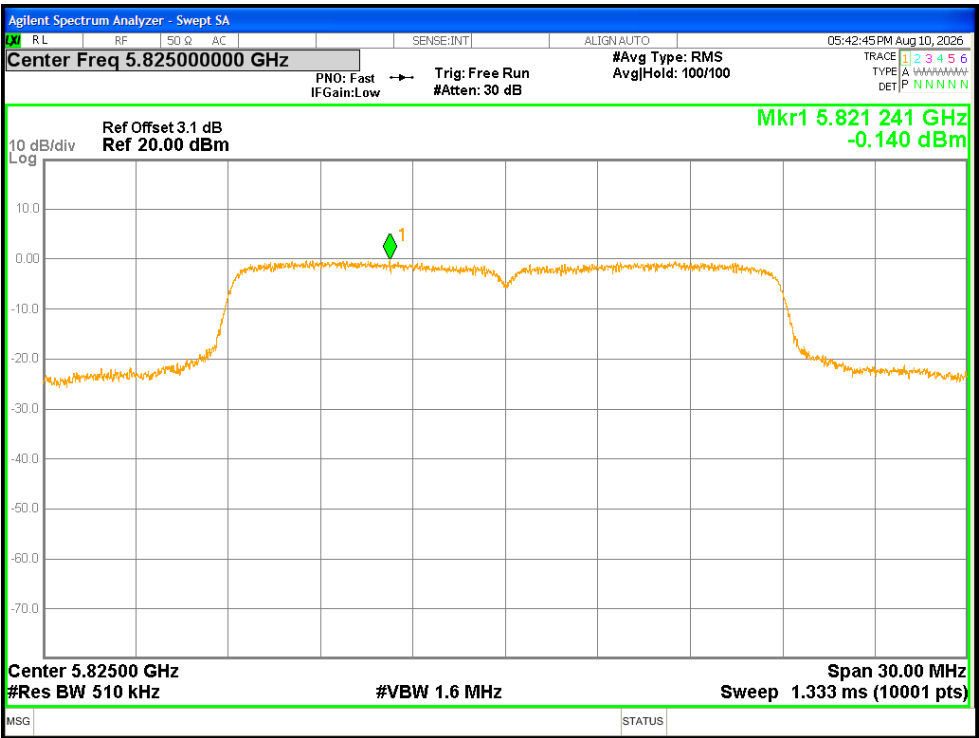
PSD NVNT n20 5240MHz Ant1



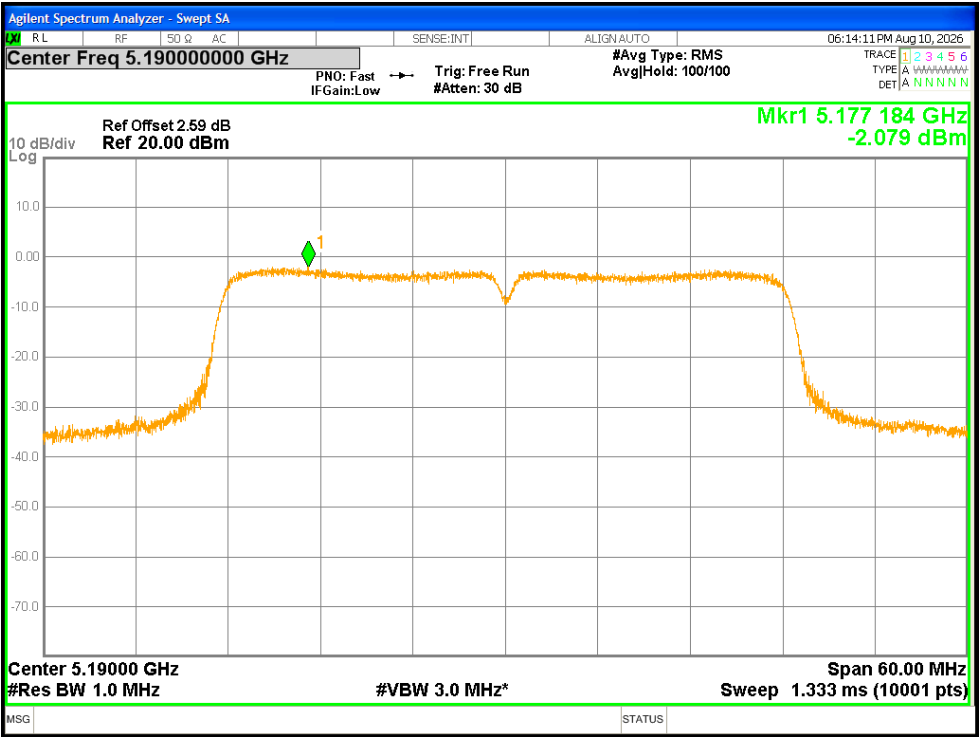
PSD NVNT n20 5745MHz Ant1



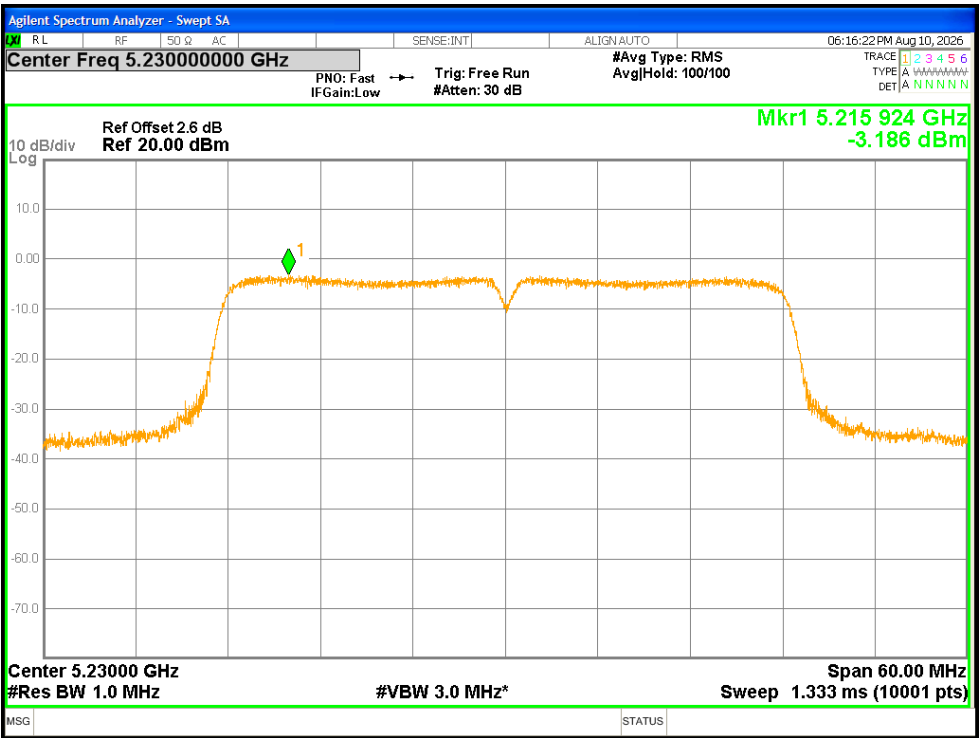
PSD NVNT n20 5785MHz Ant1



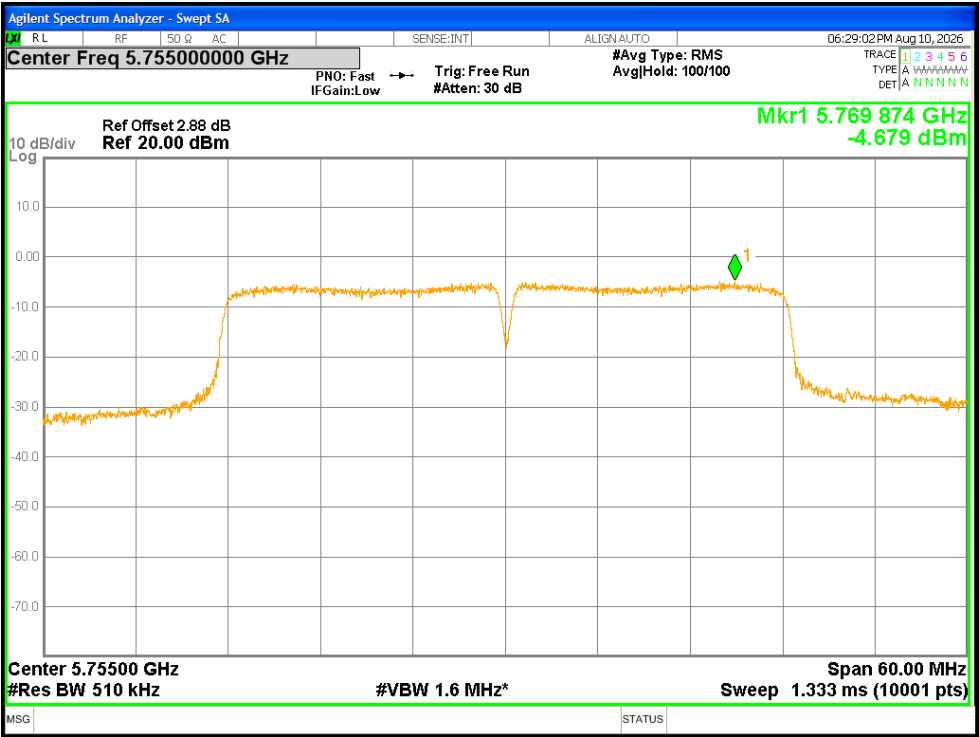
PSD NVNT n20 5825MHz Ant1



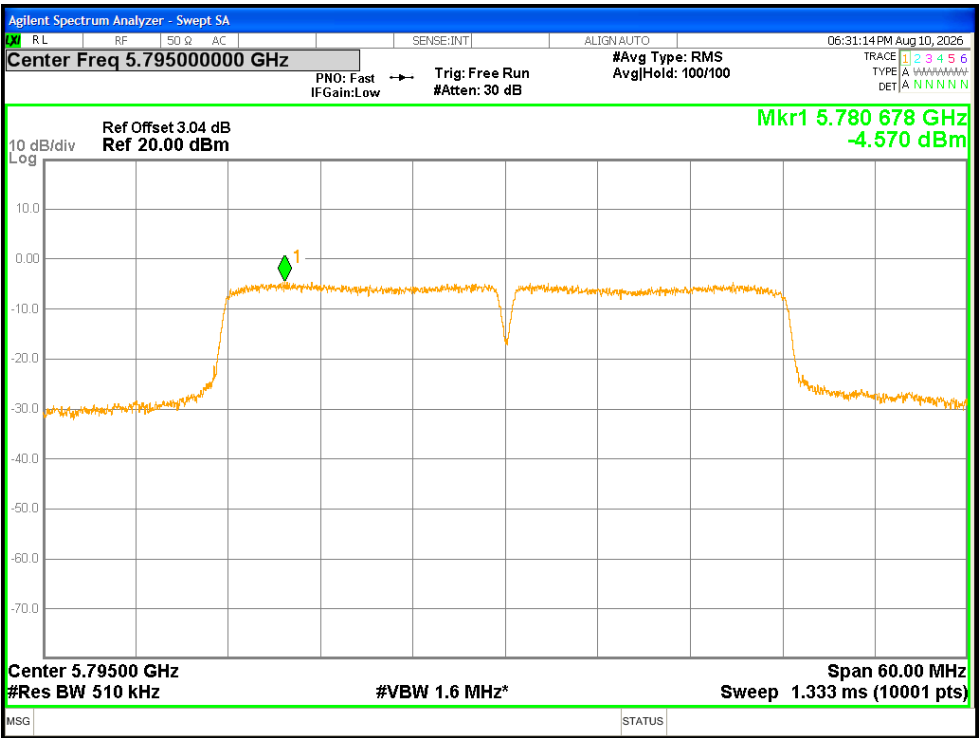
PSD NVNT n40 5190MHz Ant1



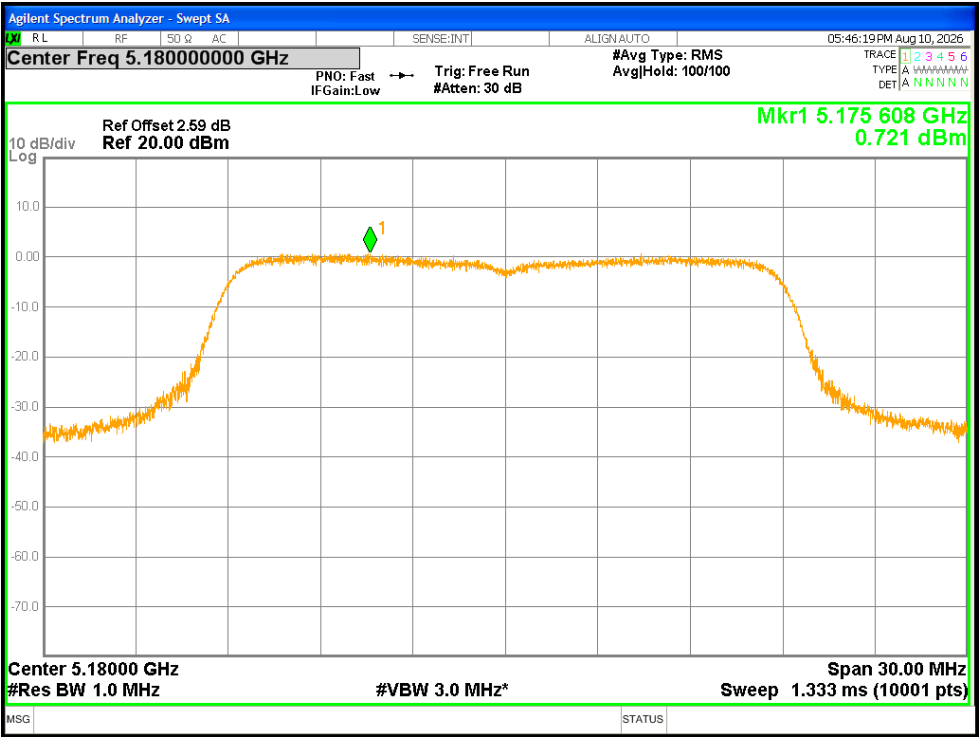
PSD NVNT n40 5230MHz Ant1



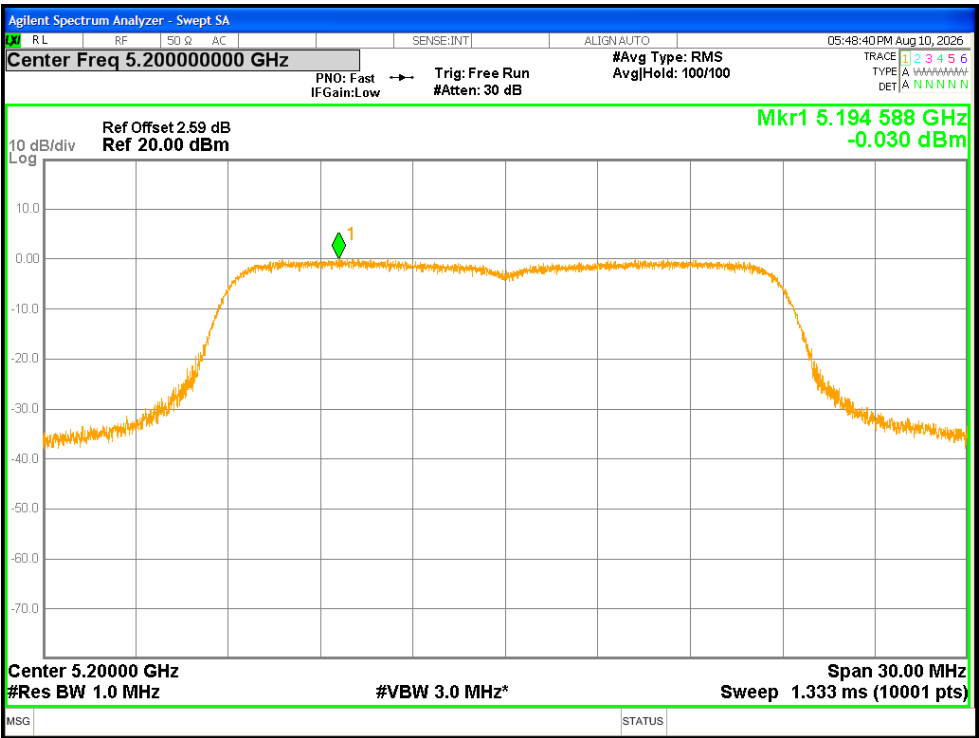
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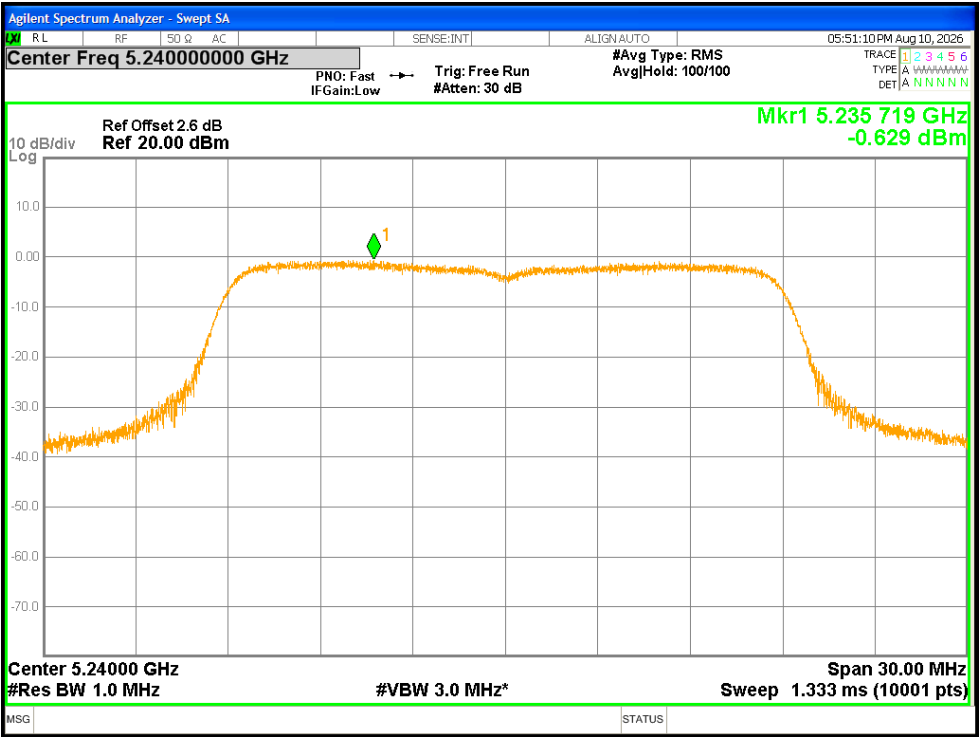
PSD NVNT n40 5795MHz Ant1



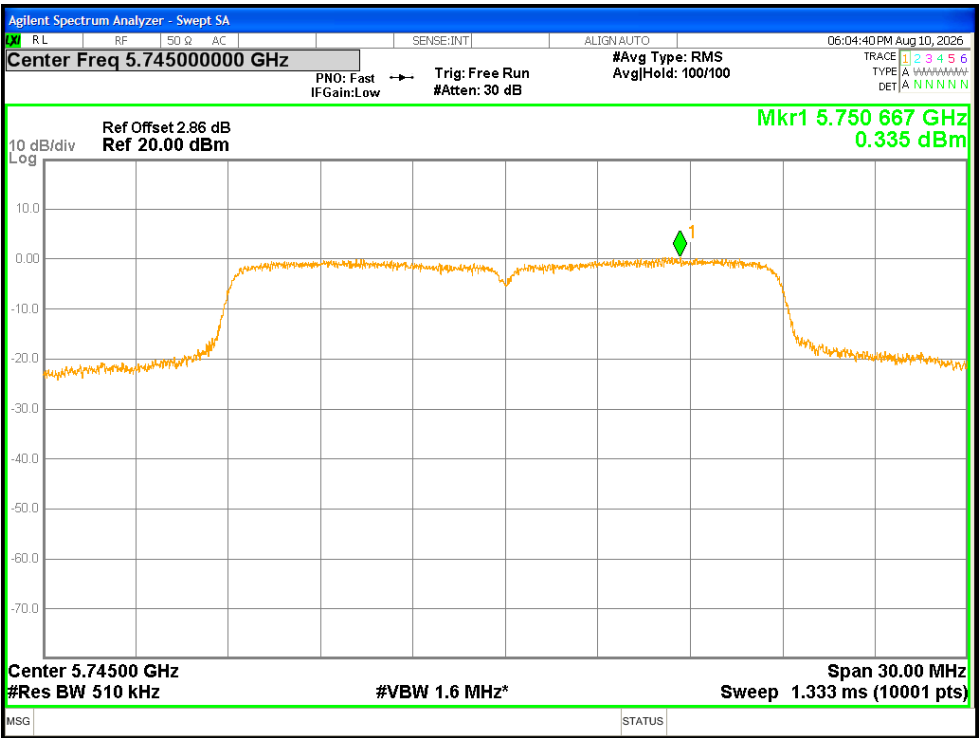
PSD NVNT ac20 5180MHz Ant1



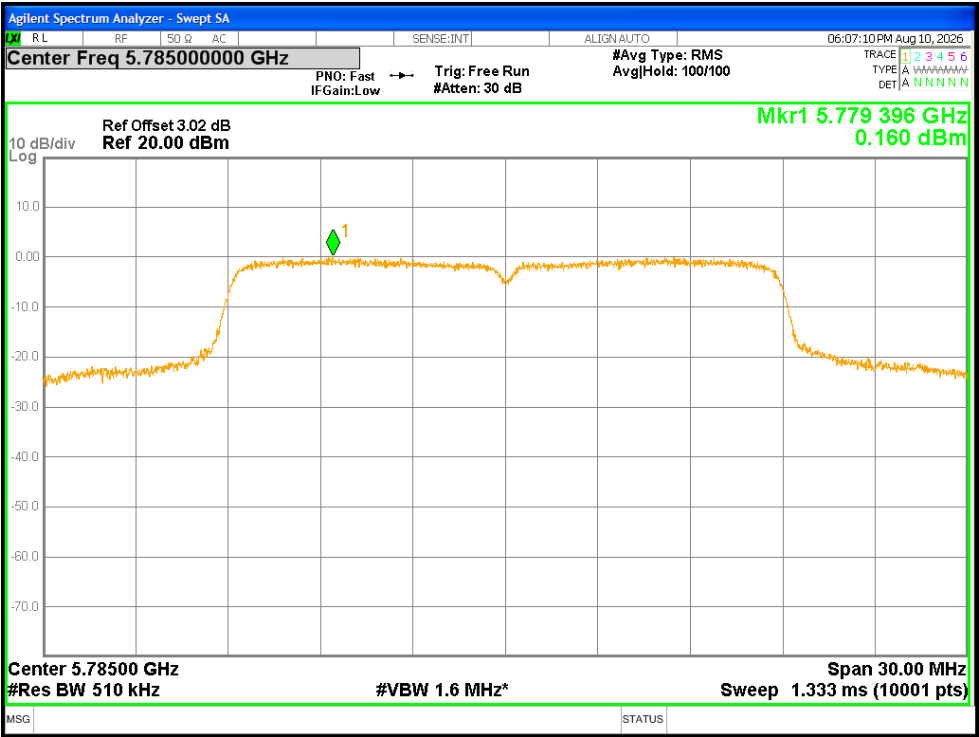
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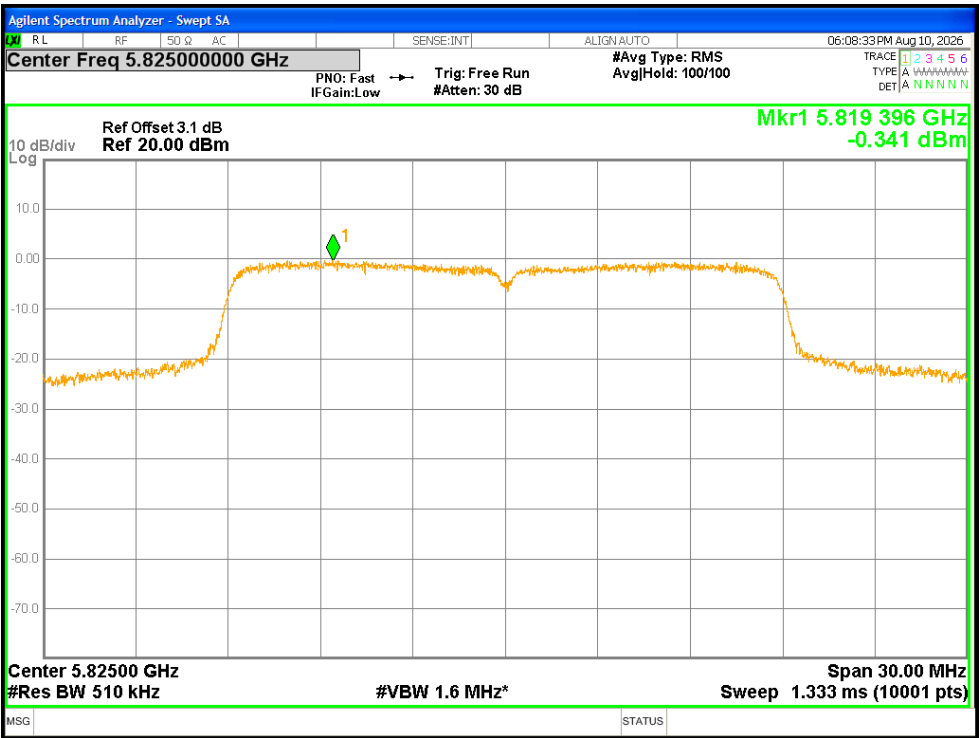
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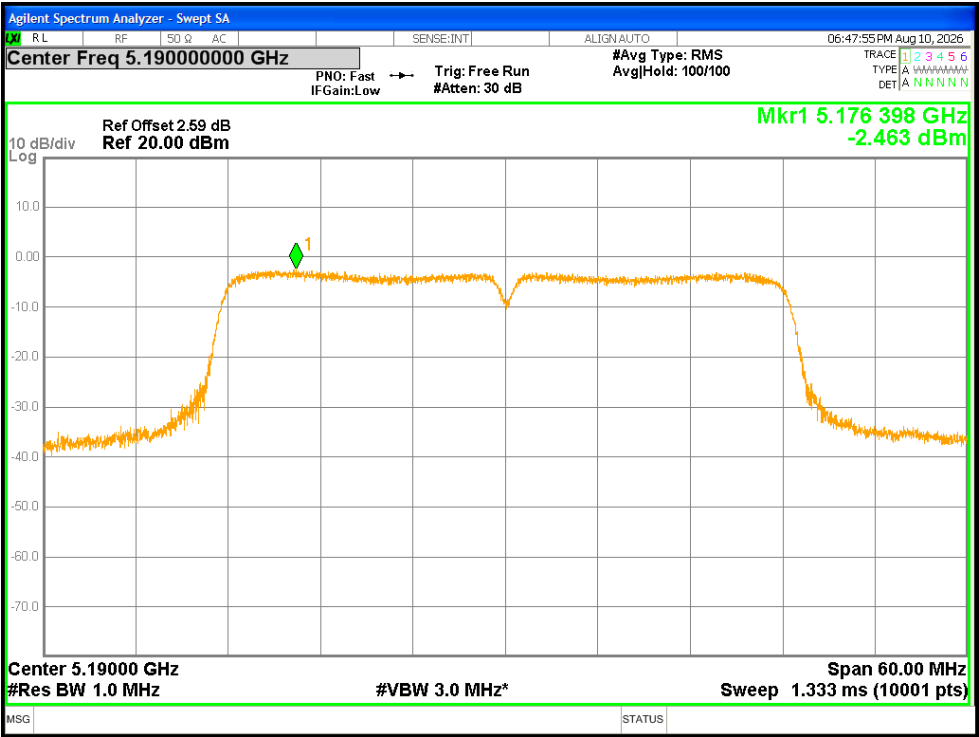
PSD NVNT ac20 5745MHz Ant1



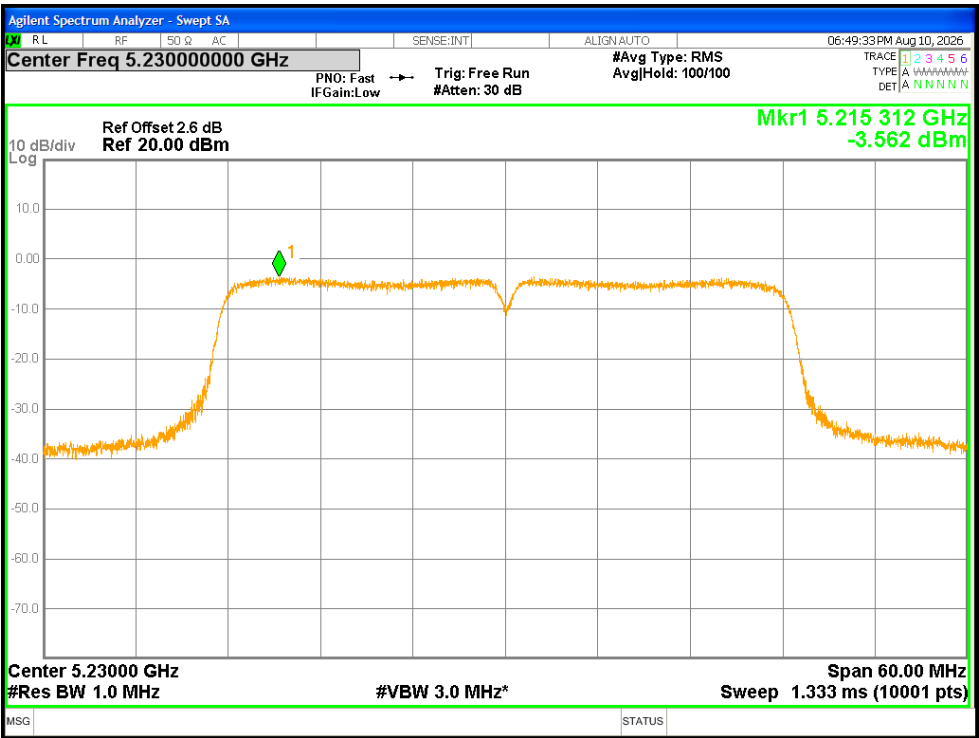
PSD NVNT ac20 5785MHz Ant1



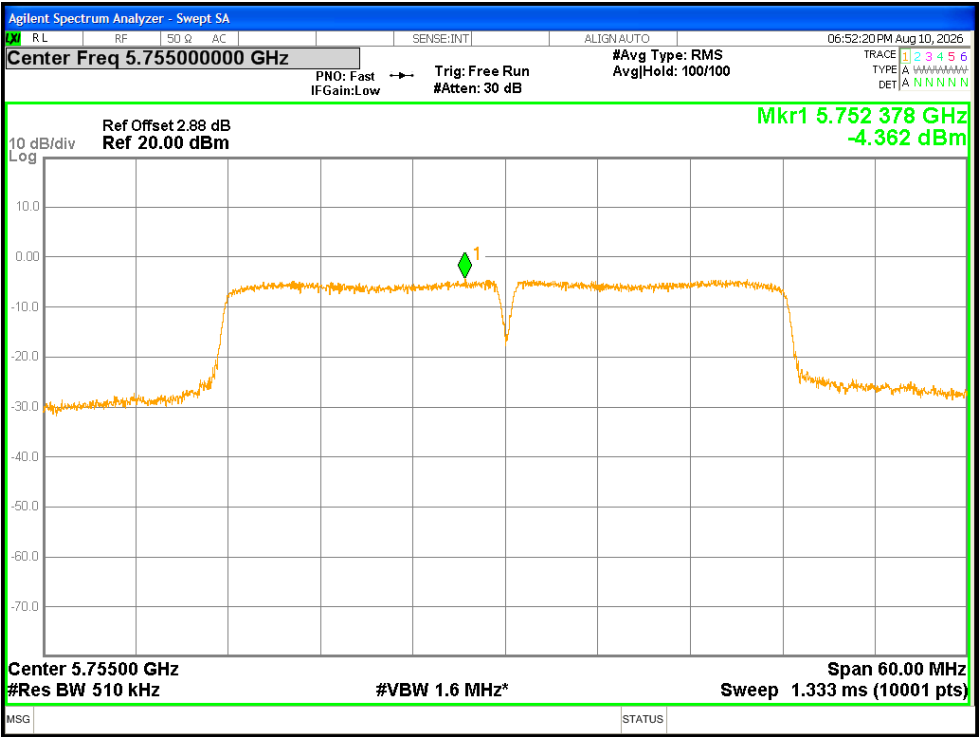
PSD NVNT ac20 5825MHz Ant1



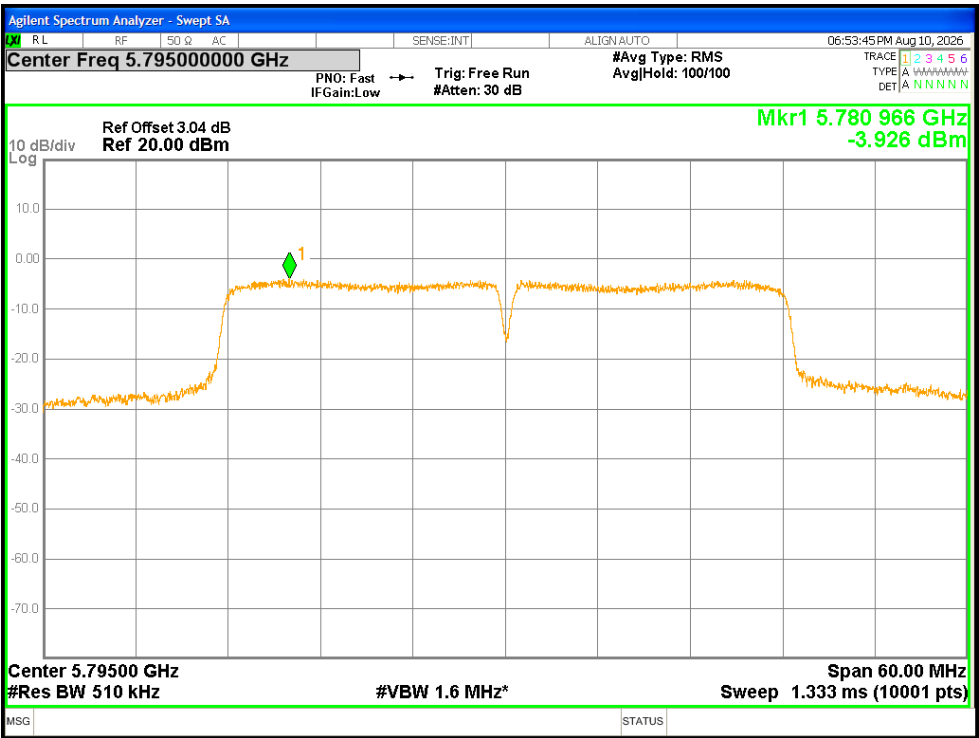
PSD NVNT ac40 5190MHz Ant1



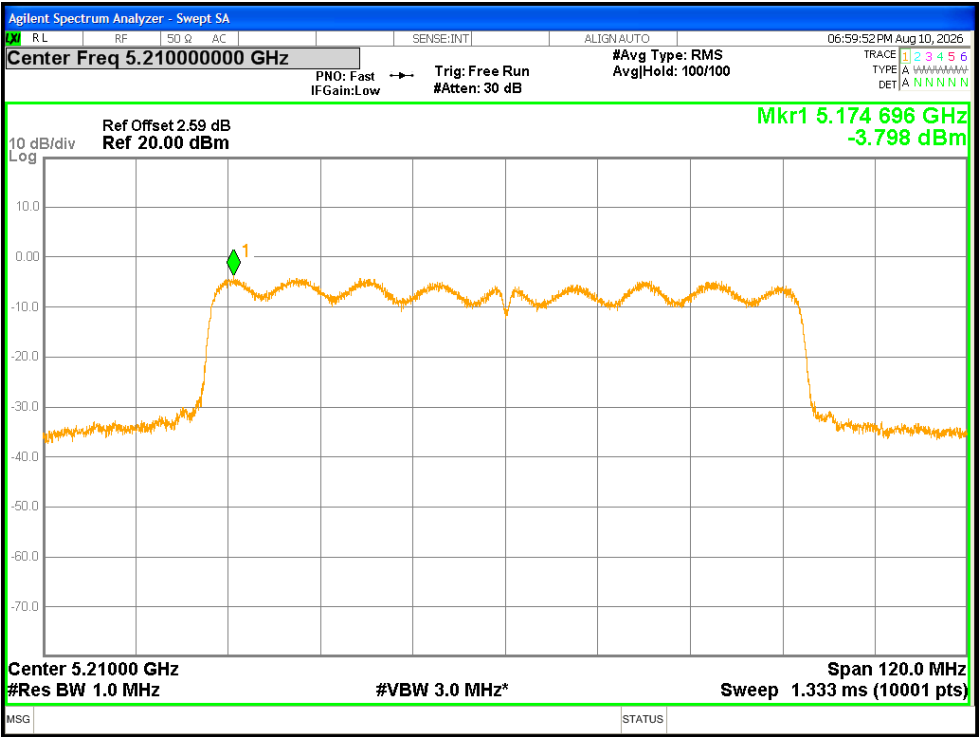
PSD NVNT ac40 5230MHz Ant1



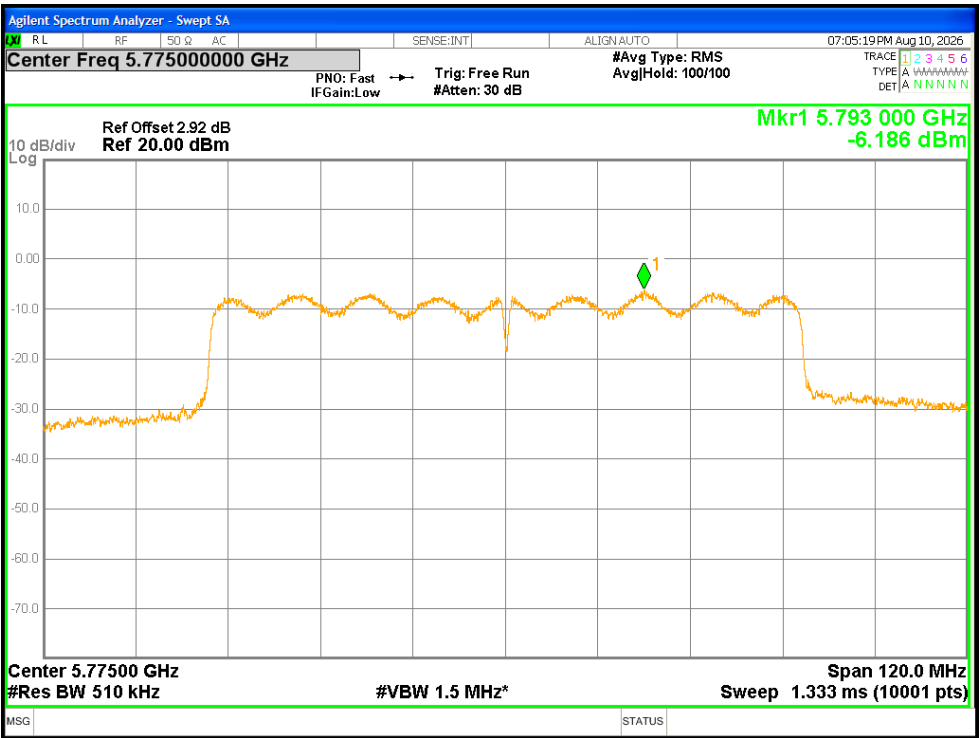
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1

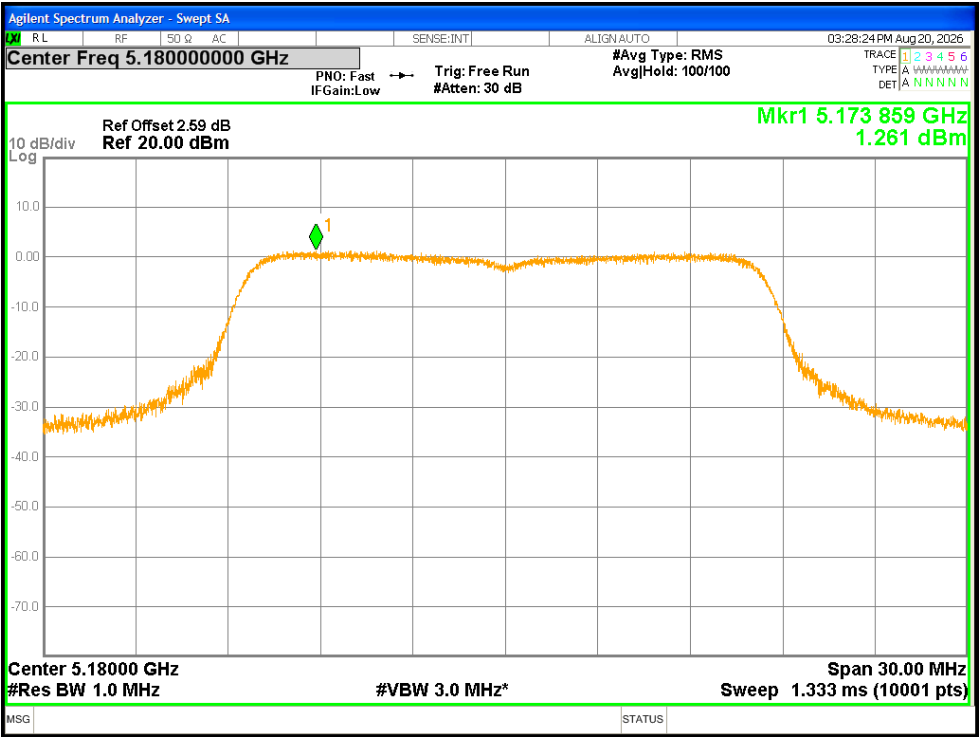


PSD NVNT ac80 5210MHz Ant1

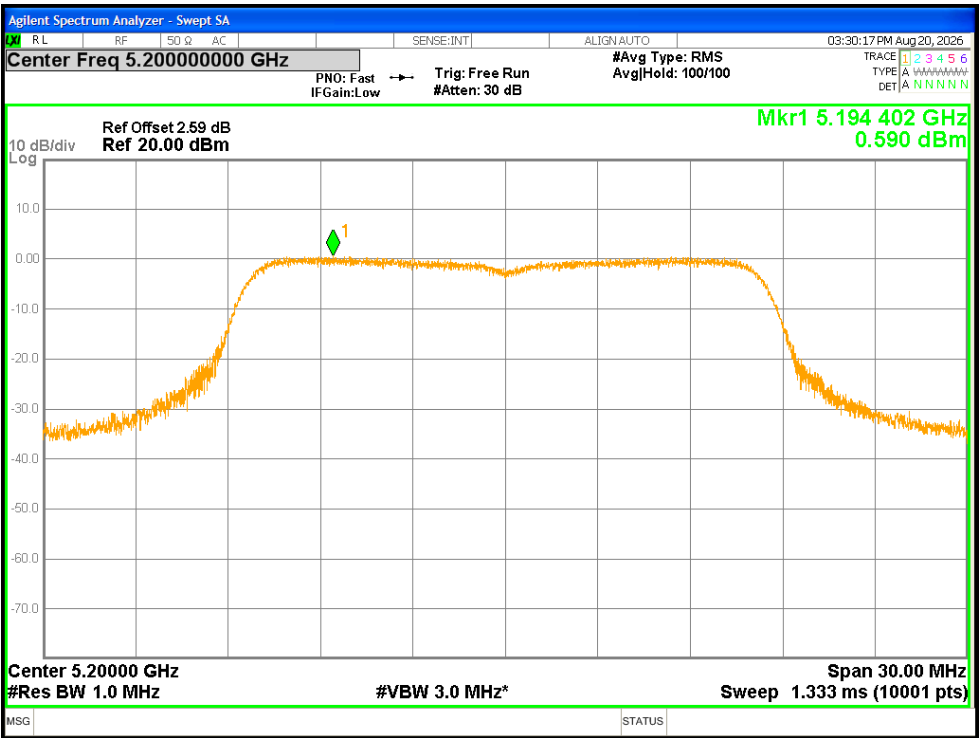


PSD NVNT ac80 5775MHz Ant1

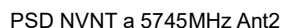
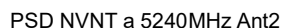
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	1.26	0	1.26	11	Pass
NVNT	a	5200	Ant2	0.59	0	0.59	11	Pass
NVNT	a	5240	Ant2	0.26	0	0.26	11	Pass
NVNT	a	5745	Ant2	-1.78	0	-1.78	30	Pass
NVNT	a	5785	Ant2	-1.37	0	-1.37	30	Pass
NVNT	a	5825	Ant2	-1.37	0	-1.37	30	Pass
NVNT	n20	5180	Ant2	1.02	0	1.02	11	Pass
NVNT	n20	5200	Ant2	0.54	0	0.54	11	Pass
NVNT	n20	5240	Ant2	-0.22	0	-0.22	11	Pass
NVNT	n20	5745	Ant2	-1.48	0	-1.48	30	Pass
NVNT	n20	5785	Ant2	-1.14	0	-1.14	30	Pass
NVNT	n20	5825	Ant2	-0.97	0	-0.97	30	Pass
NVNT	n40	5190	Ant2	-1.72	0	-1.72	11	Pass
NVNT	n40	5230	Ant2	-2.91	0	-2.91	11	Pass
NVNT	n40	5755	Ant2	-3.92	0	-3.92	30	Pass
NVNT	n40	5795	Ant2	-3.73	0	-3.73	30	Pass
NVNT	ac20	5180	Ant2	0.42	0	0.42	11	Pass
NVNT	ac20	5200	Ant2	-0.46	0	-0.46	11	Pass
NVNT	ac20	5240	Ant2	-1.1	0	-1.1	11	Pass
NVNT	ac20	5745	Ant2	-1.3	0	-1.3	30	Pass
NVNT	ac20	5785	Ant2	-0.44	0	-0.44	30	Pass
NVNT	ac20	5825	Ant2	-0.78	0	-0.78	30	Pass
NVNT	ac40	5190	Ant2	-2.04	0	-2.04	11	Pass
NVNT	ac40	5230	Ant2	-2.89	0	-2.89	11	Pass
NVNT	ac40	5755	Ant2	-4	0	-4	30	Pass
NVNT	ac40	5795	Ant2	-3.39	0	-3.39	30	Pass
NVNT	ac80	5210	Ant2	-4.39	0	-4.39	11	Pass
NVNT	ac80	5775	Ant2	-6.83	0	-6.83	30	Pass

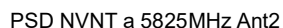
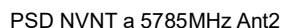


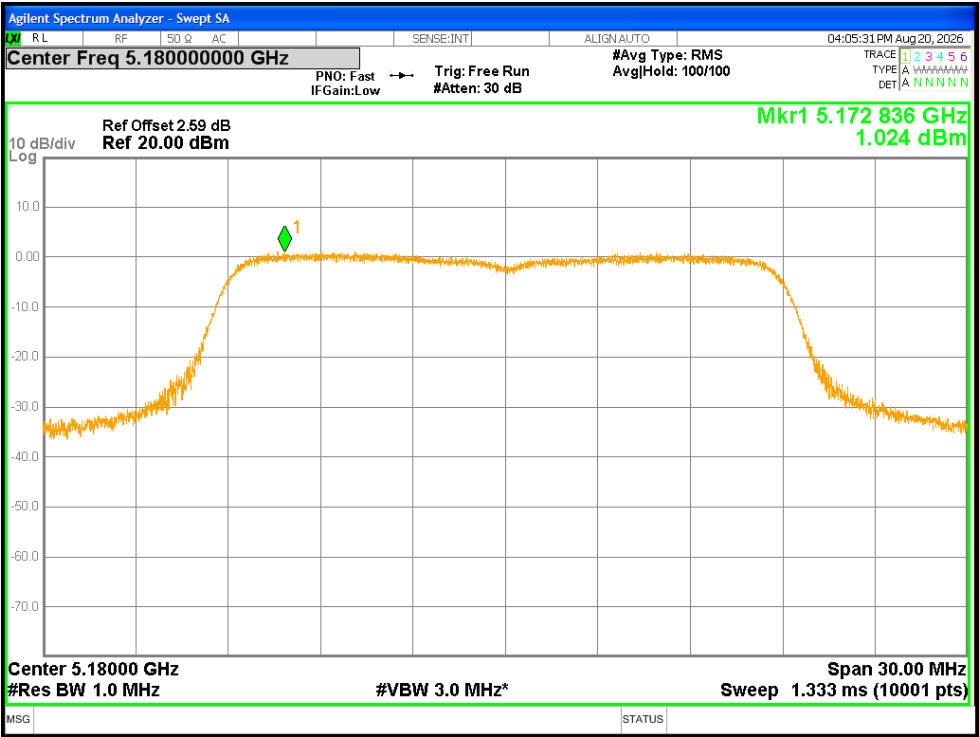
PSD NVNT a 5180MHz Ant2



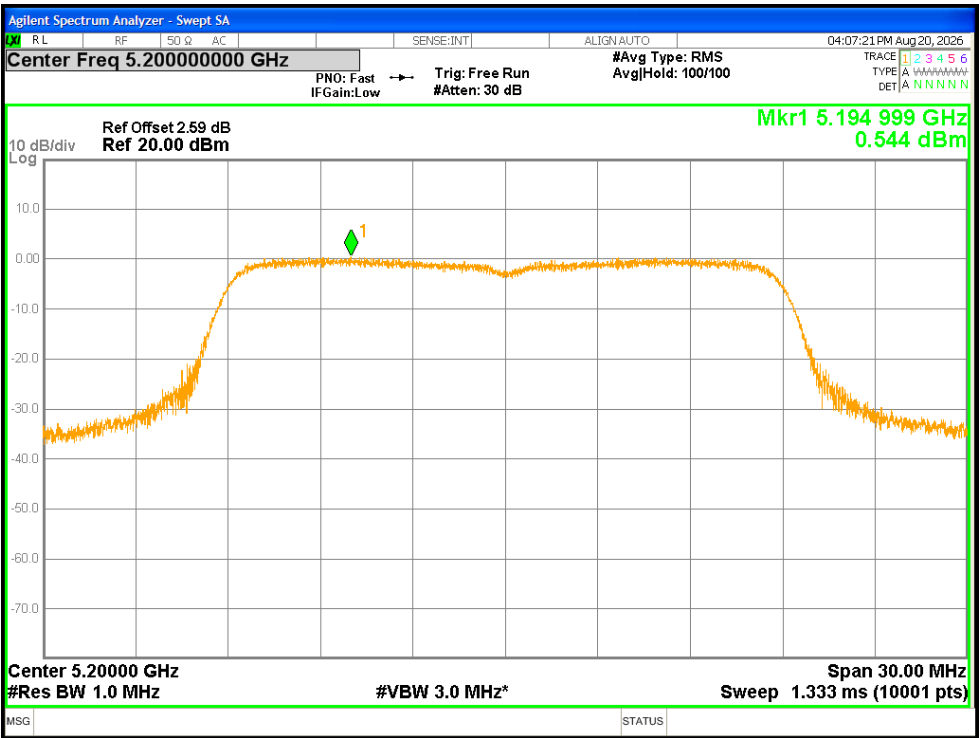
PSD NVNT a 5200MHz Ant2



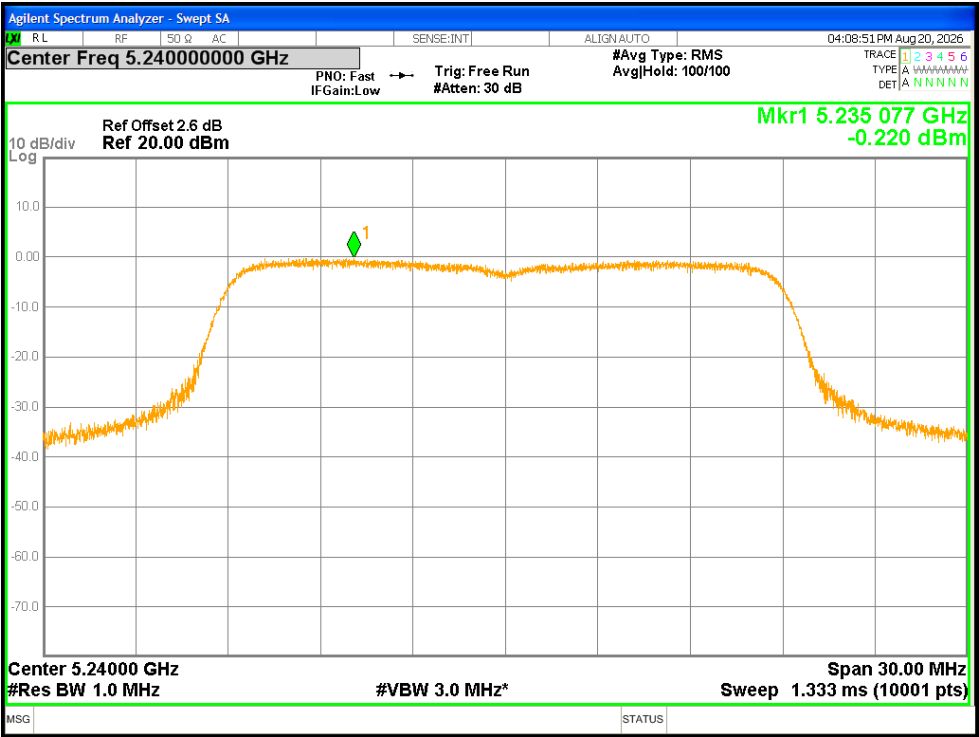




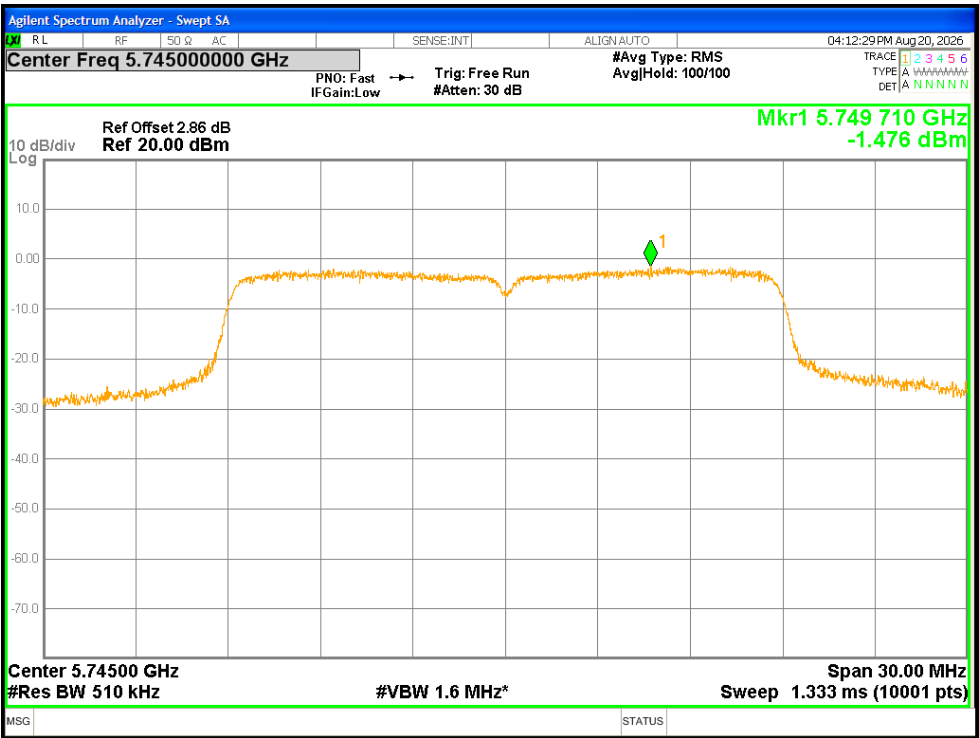
PSD NVNT n20 5180MHz Ant2



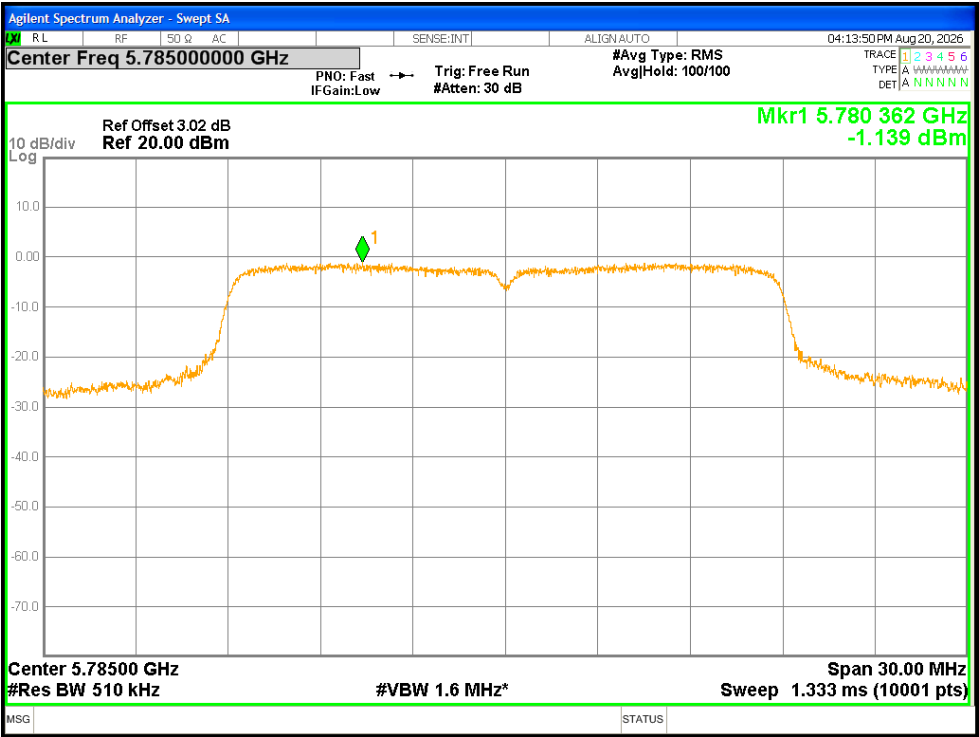
PSD NVNT n20 5200MHz Ant2



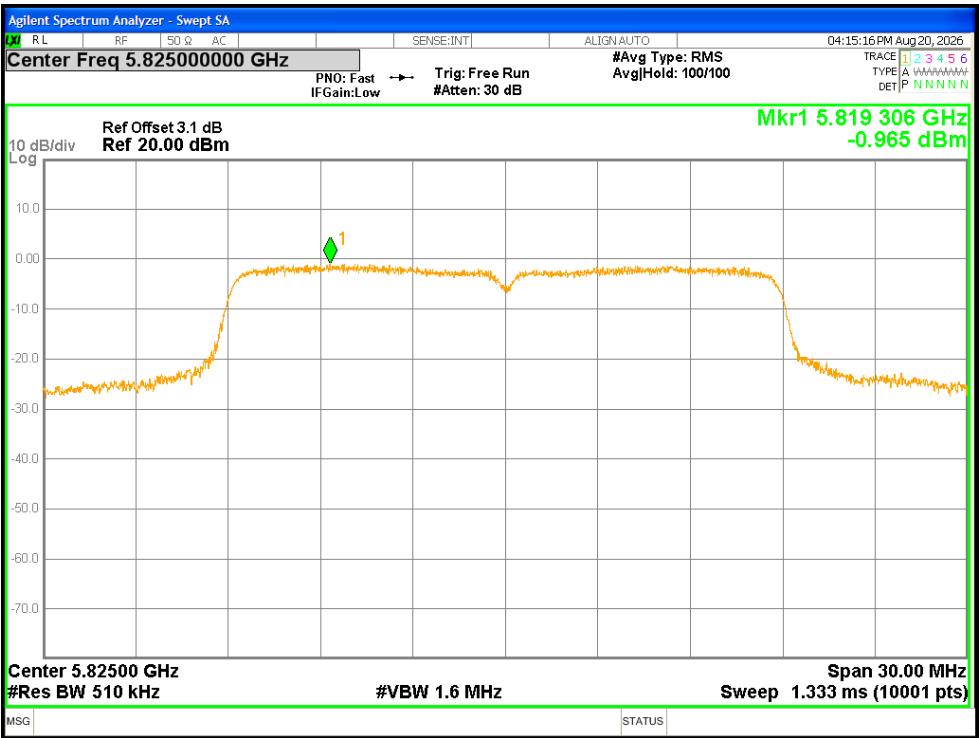
PSD NVNT n20 5240MHz Ant2



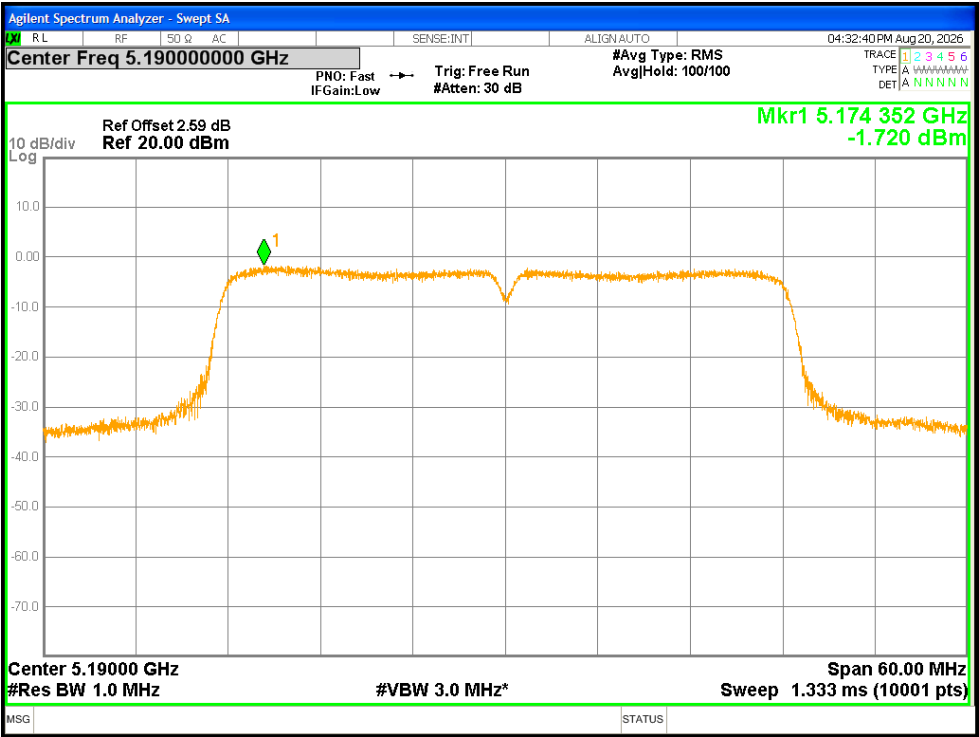
PSD NVNT n20 5745MHz Ant2



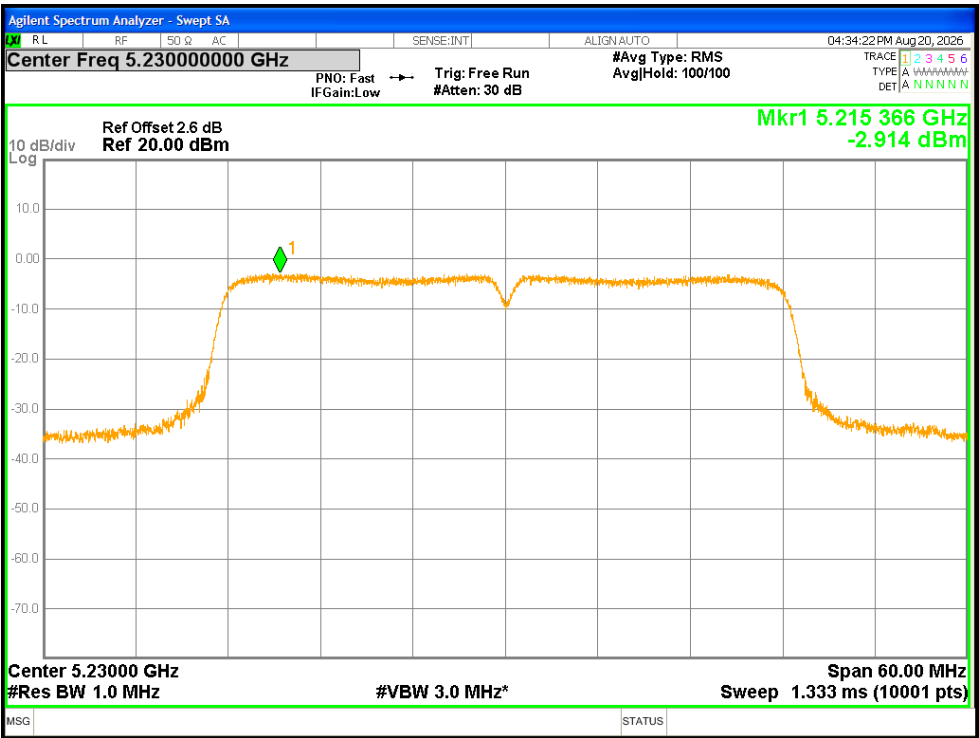
PSD NVNT n20 5785MHz Ant2



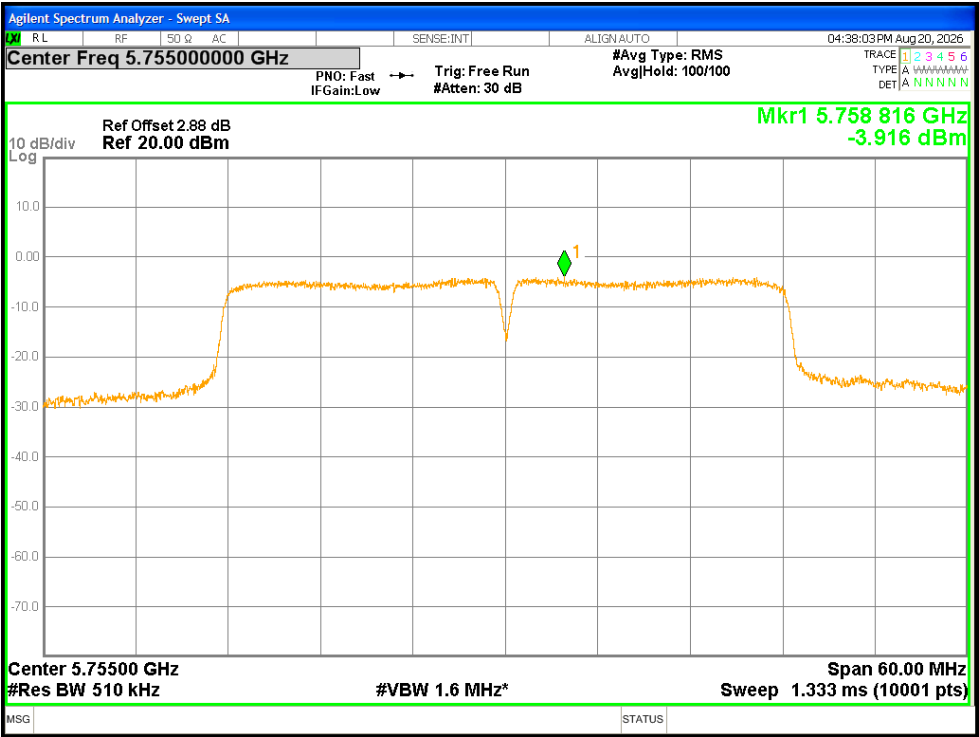
PSD NVNT n20 5825MHz Ant2



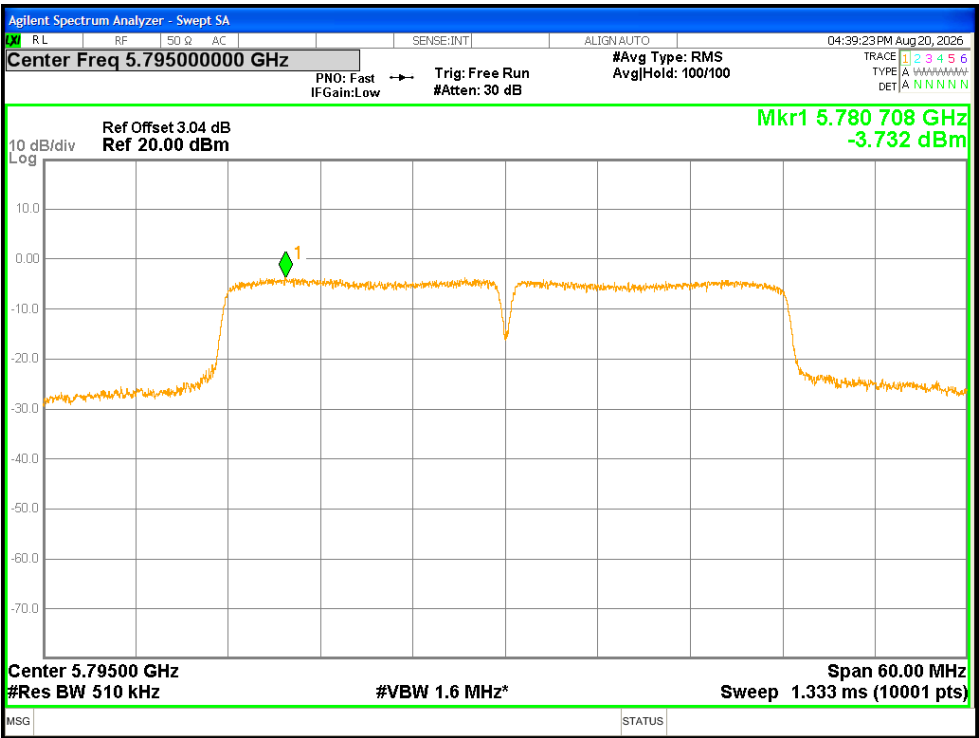
PSD NVNT n40 5190MHz Ant2



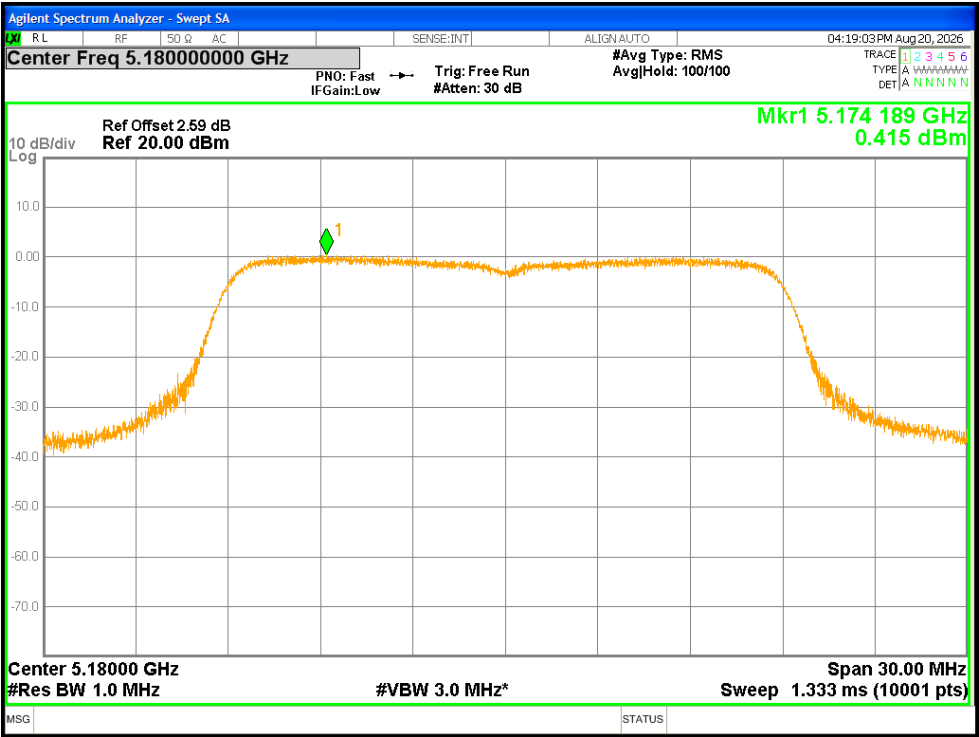
PSD NVNT n40 5230MHz Ant2



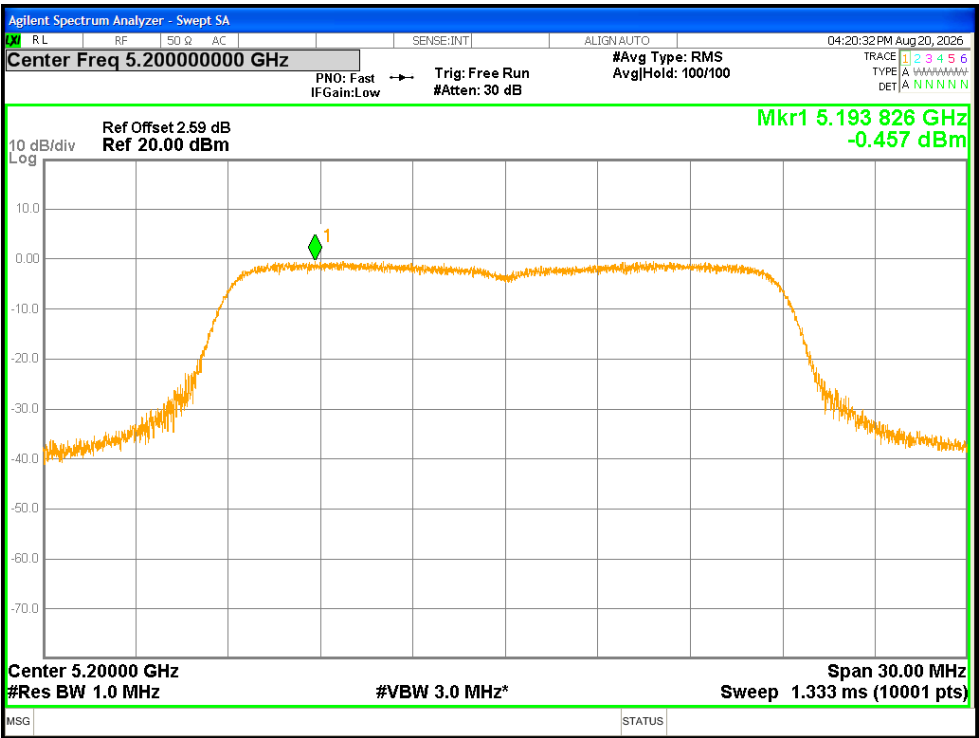
PSD NVNT n40 5755MHz Ant2



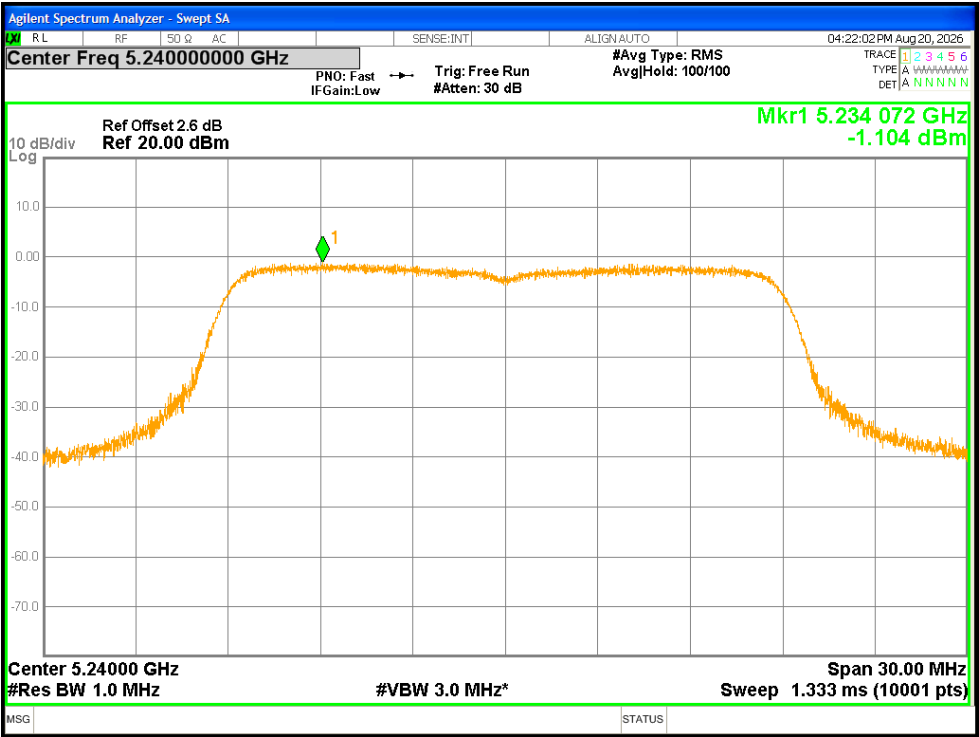
PSD NVNT n40 5795MHz Ant2



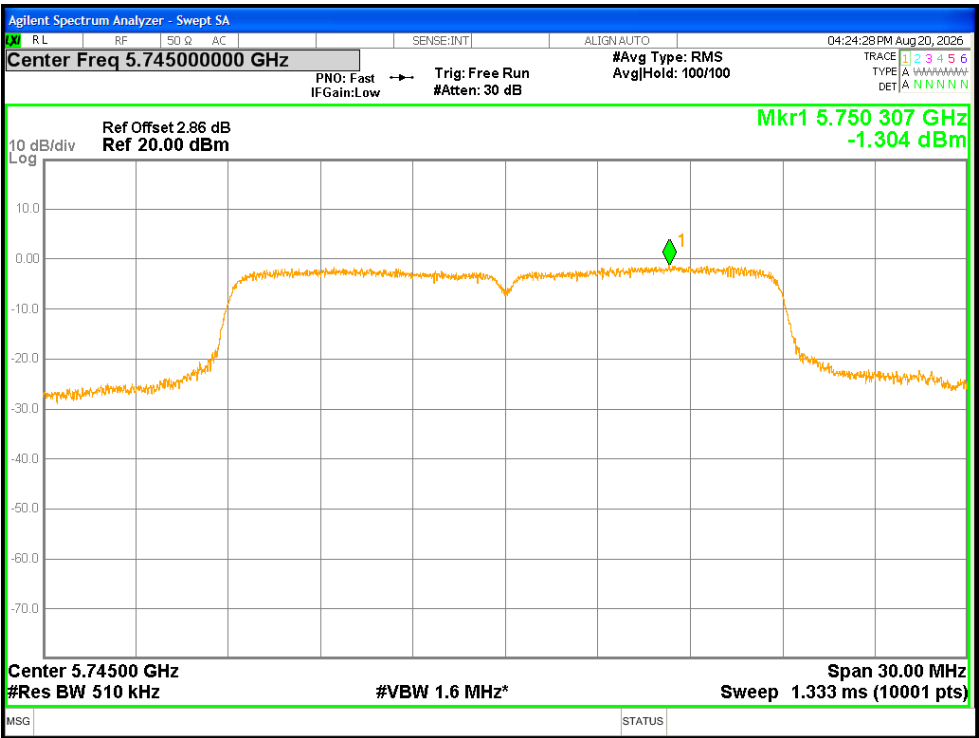
PSD NVNT ac20 5180MHz Ant2



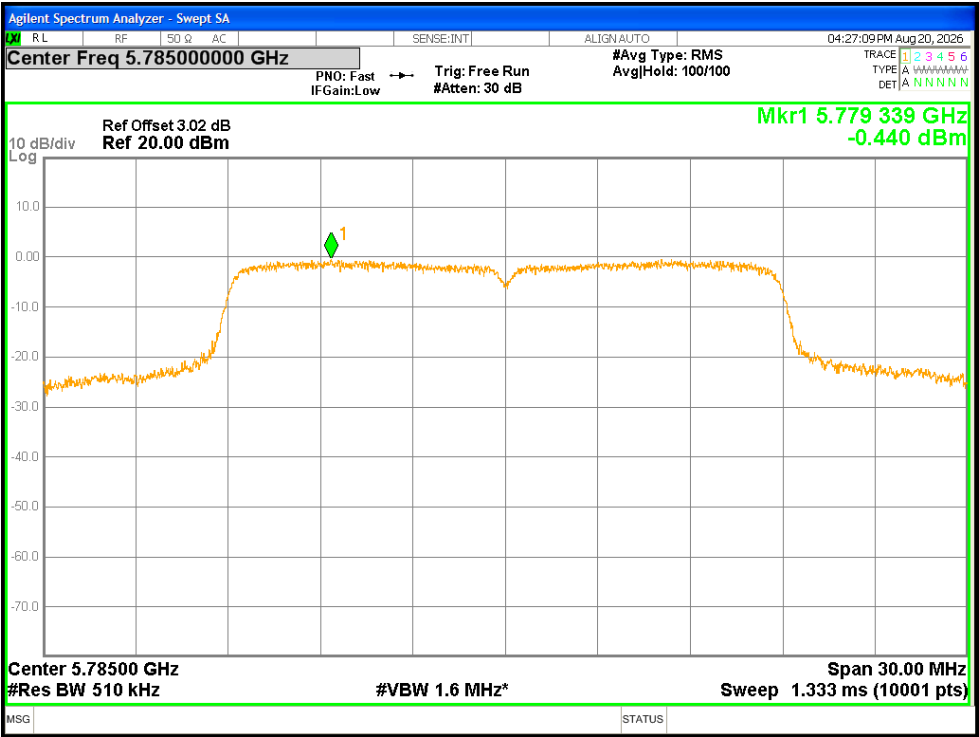
PSD NVNT ac20 5200MHz Ant2



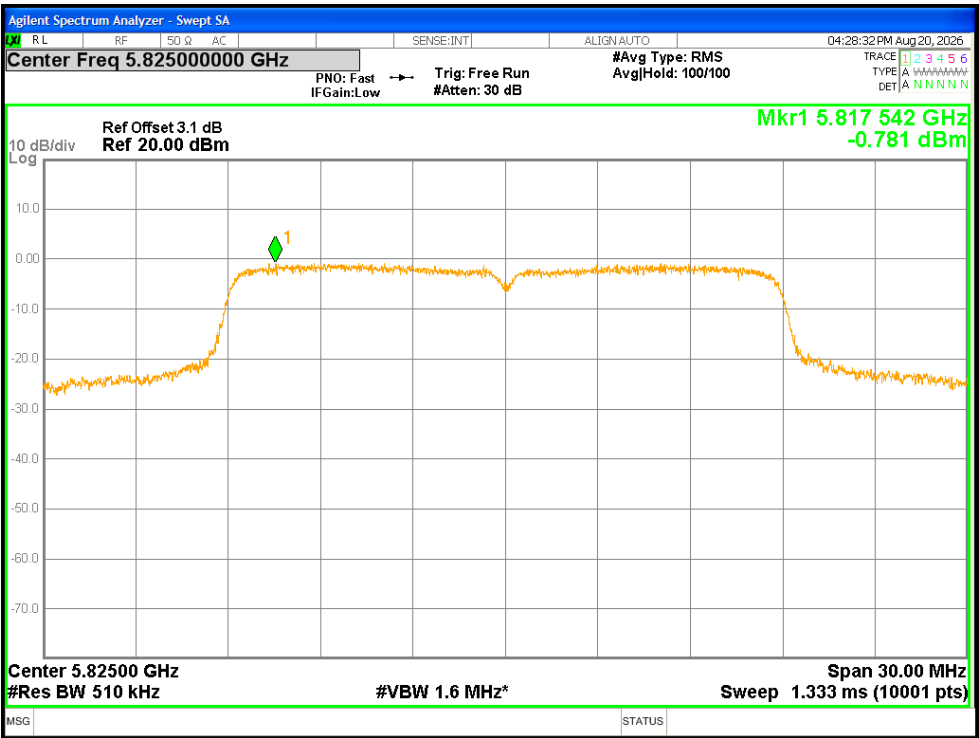
PSD NVNT ac20 5240MHz Ant2



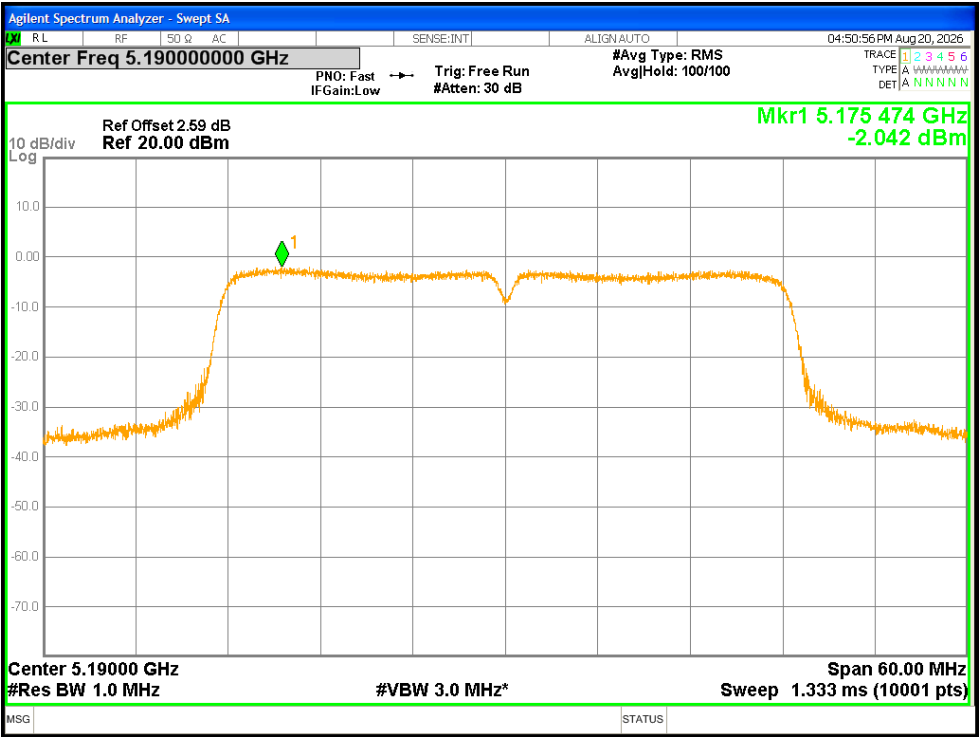
PSD NVNT ac20 5745MHz Ant2



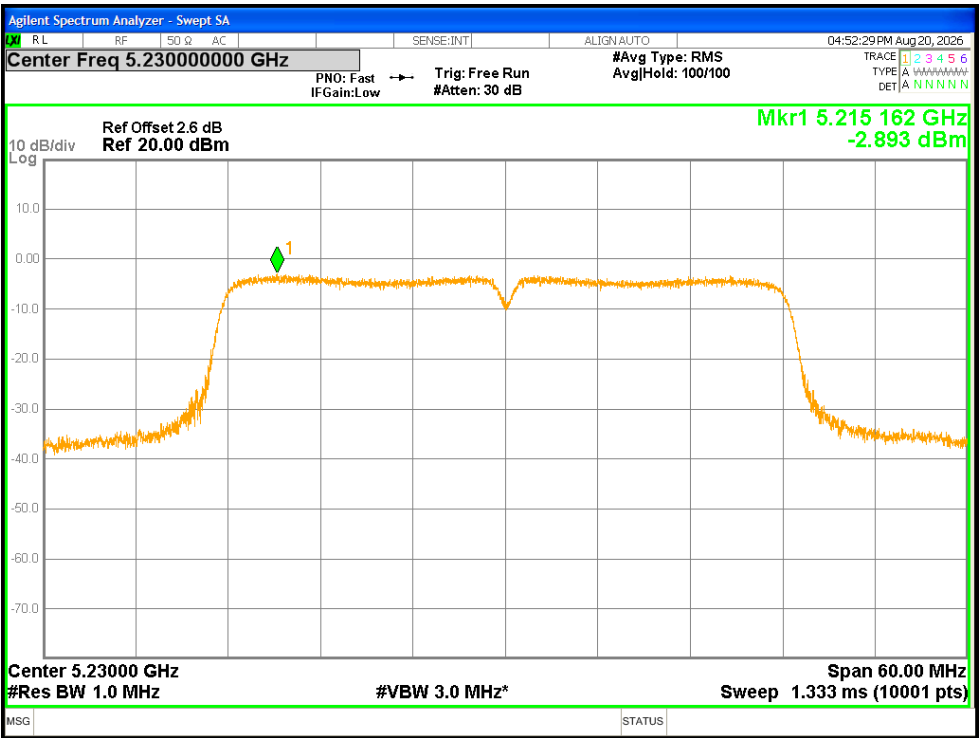
PSD NVNT ac20 5785MHz Ant2



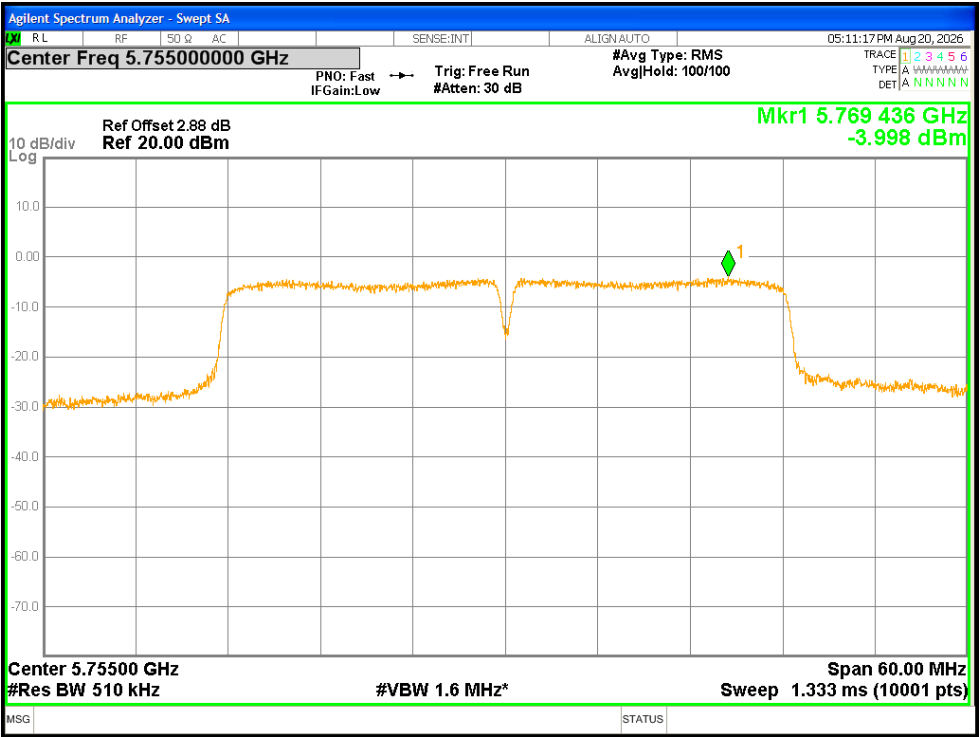
PSD NVNT ac20 5825MHz Ant2



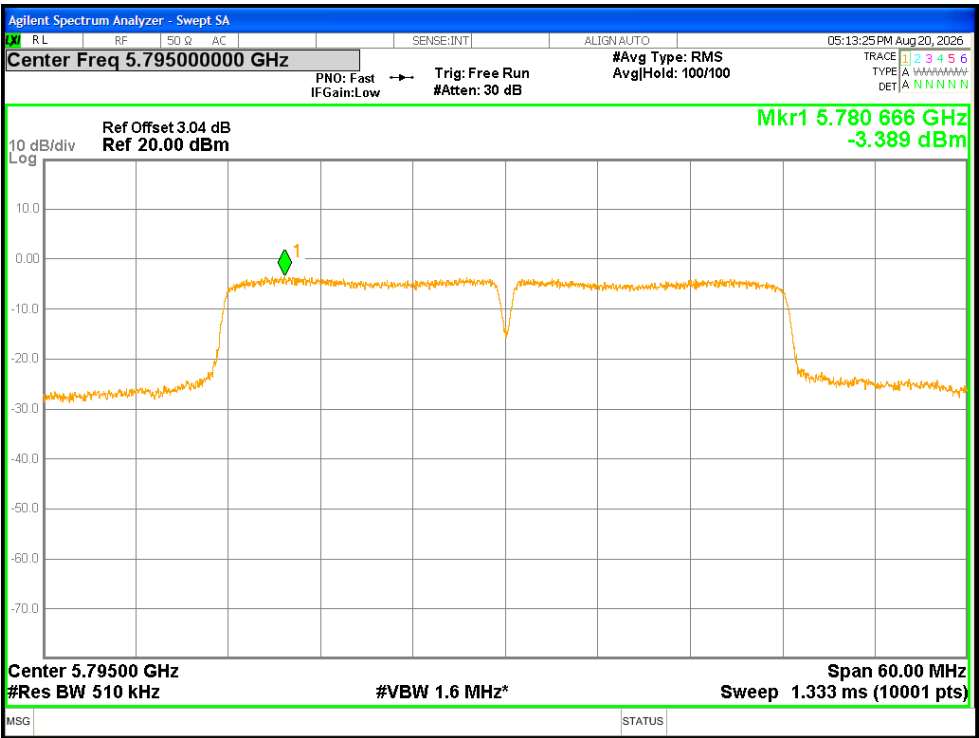
PSD NVNT ac40 5190MHz Ant2



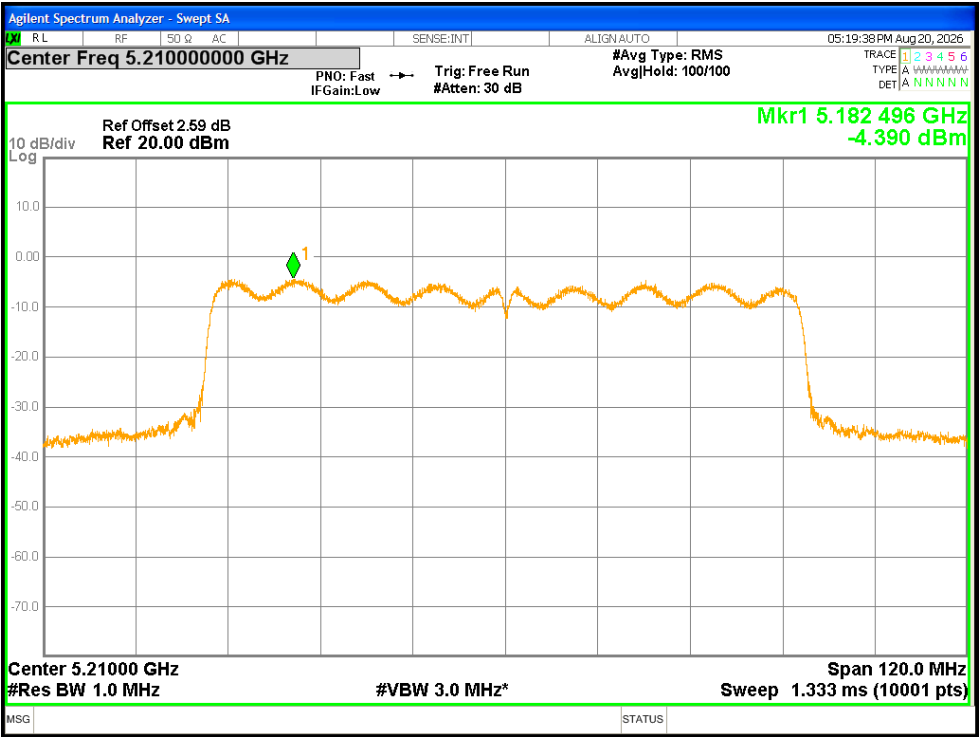
PSD NVNT ac40 5230MHz Ant2



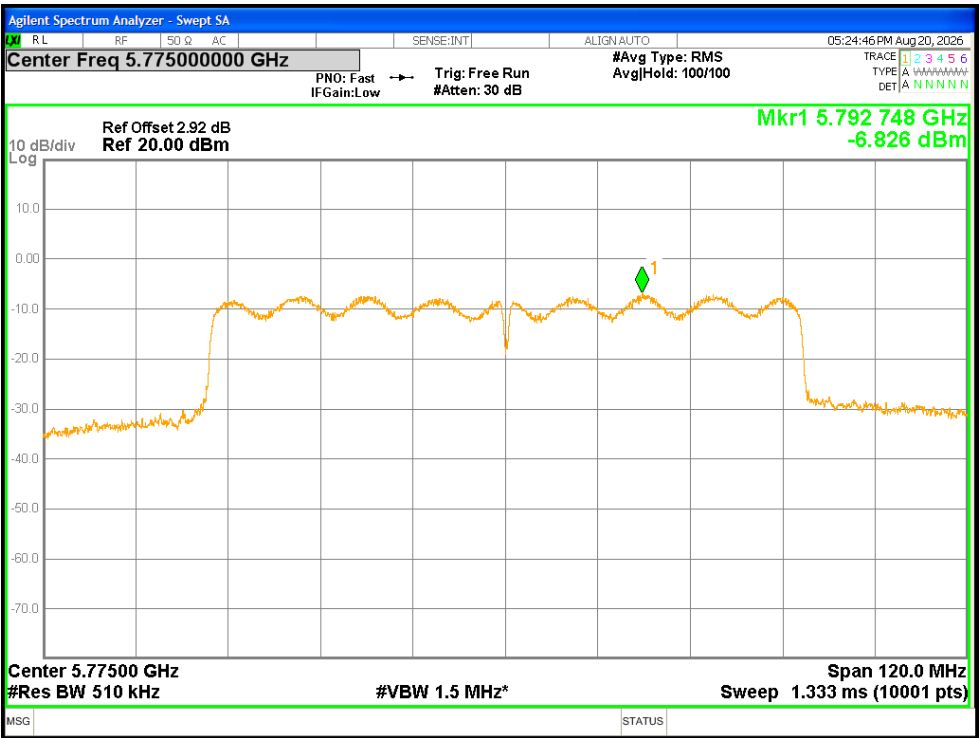
PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac80 5210MHz Ant2



PSD NVNT ac80 5775MHz Ant2

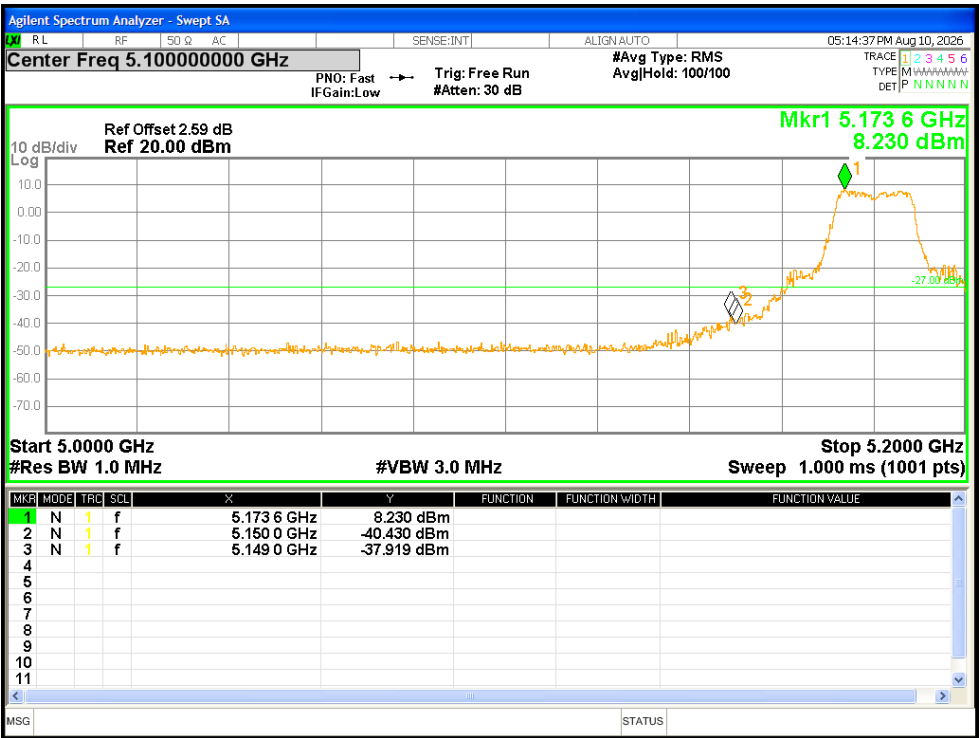
Mode	Frequency (MHz)	Ant1 PSD (dBm/MHz)	Ant2 PSD (dBm/MHz)	Total PSD (dBm/MHz)	Limit (dBm/MHz or /500kHz)	Margin (dB)	Verdict
802.11a	5180	1.43	1.26	4.36	11	6.64	PASS
802.11a	5200	0.49	0.59	3.55	11	7.45	PASS
802.11a	5240	-0.43	0.26	0.93	11	10.07	PASS
802.11n HT20	5180	0.47	1.02	3.77	11	7.23	PASS
802.11n HT20	5200	0.23	0.54	3.4	11	7.6	PASS
802.11n HT20	5240	-0.63	-0.22	1.59	11	9.41	PASS
802.11n HT40	5190	-2.08	-1.72	1.11	11	9.89	PASS
802.11n HT40	5230	-3.19	-2.91	0.96	11	10.04	PASS
802.11ac HT20	5180	0.72	0.42	4.58	11	6.42	PASS
802.11ac HT20	5200	-0.03	-0.46	2.77	11	8.23	PASS
802.11ac HT20	5240	-0.63	-1.1	2.15	11	8.85	PASS
802.11ac HT40	5190	-2.46	-2.04	0.77	11	10.23	PASS
802.11ac HT40	5230	-3.56	-2.89	0.8	11	10.2	PASS
802.11ac HT80	5210	-3.8	-4.39	0.93	11	10.07	PASS
802.11a	5745	-0.95	-1.78	2.66	30	27.34	PASS
802.11a	5785	-0.11	-1.37	3.31	30	26.69	PASS
802.11a	5825	-0.64	-1.37	3.04	30	26.96	PASS
802.11n HT20	5745	-0.84	-1.48	2.87	30	27.13	PASS
802.11n HT20	5785	-0.07	-1.14	3.46	30	26.54	PASS
802.11n HT20	5825	-0.14	-0.97	3.52	30	26.48	PASS
802.11n HT40	5755	-4.68	-3.92	0.73	30	29.27	PASS
802.11n HT40	5795	-4.57	-3.73	0.88	30	29.12	PASS
802.11ac HT20	5745	0.34	-1.3	3.25	30	26.75	PASS
802.11ac HT20	5785	0.16	-0.44	3.26	30	26.74	PASS
802.11ac HT20	5825	-0.34	-0.78	3.46	30	26.54	PASS
802.11ac HT40	5755	-4.36	-4	1.83	30	28.17	PASS
802.11ac HT40	5795	-3.93	-3.39	1.36	30	28.64	PASS
802.11ac HT80	5775	-6.19	-6.83	-0.49	30	30.49	PASS

Note

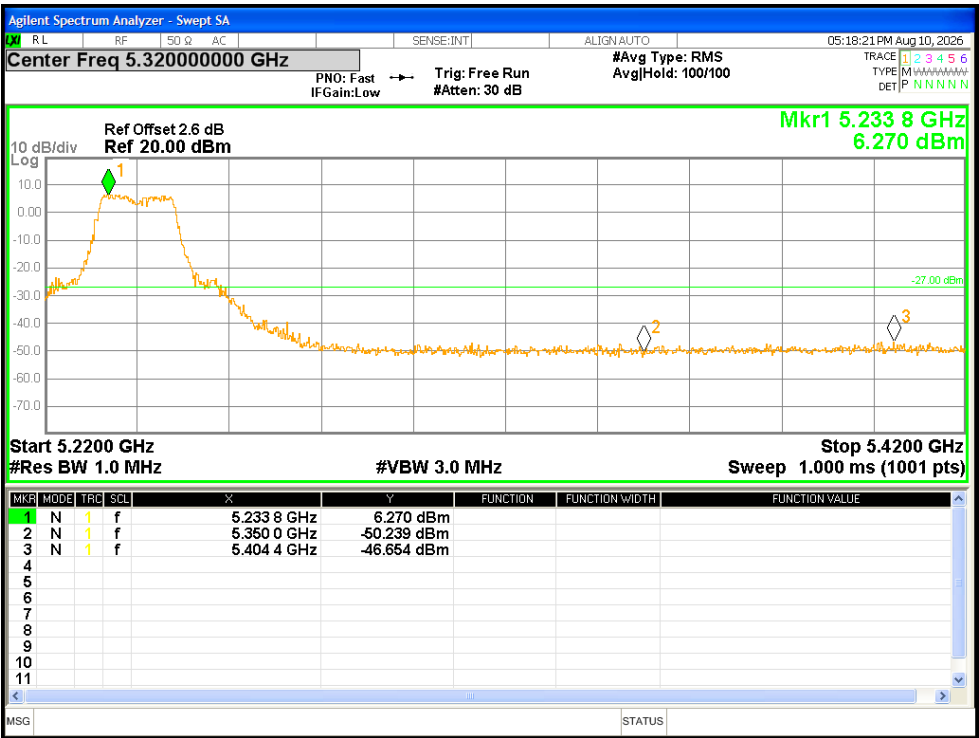
- [1] All measured values are conducted PSD in dBm/MHz at the antenna port. Duty cycle factor (0 dB) has been applied per KDB 789033 D02 Section G) (the device transmits with $\geq 98\%$ duty cycle; no duty cycle correction required).
- [2] Total PSD is calculated using the "Measure and Sum" method per KDB 662911 D01 Section E)2)a). The individual port spectra are summed in linear power units (mW) on a bin-by-bin basis across all active transmit chains.
- [3] Directional Gain Calculation: For 802.11a modes, the EUT employs CDD (Cyclic Delay Diversity) for dual-antenna transmissions. Per KDB 662911 D01 Section F)2)a)(i), Directional Gain (PSD) = $G_{_ANT} + 10\log(N_{_ANT}) = 2.74 + 10\log(2) = 2.74 + 3.01 = 5.75$ dBi. For 802.11n/ac (HT/VHT) modes, the EUT employs standard MIMO (spatial multiplexing) with uncorrelated signals. Per KDB 662911 D01 Section F)2)a)(ii), Directional Gain (PSD) = $G_{_ANT} = 2.74$ dBi. In all cases, the highest directional gain applicable is 5.75 dBi, which is ≤ 6 dBi; therefore, no reduction to the PSD limit is required per FCC Part 15.407(a).
- [4] PSD Limits per FCC Part 15.407: U-NII-1 (5.15–5.25 GHz): 11 dBm/MHz (conducted); U-NII-3 (5.725–5.85 GHz): 30 dBm/500kHz (conducted).

6. Band Edge

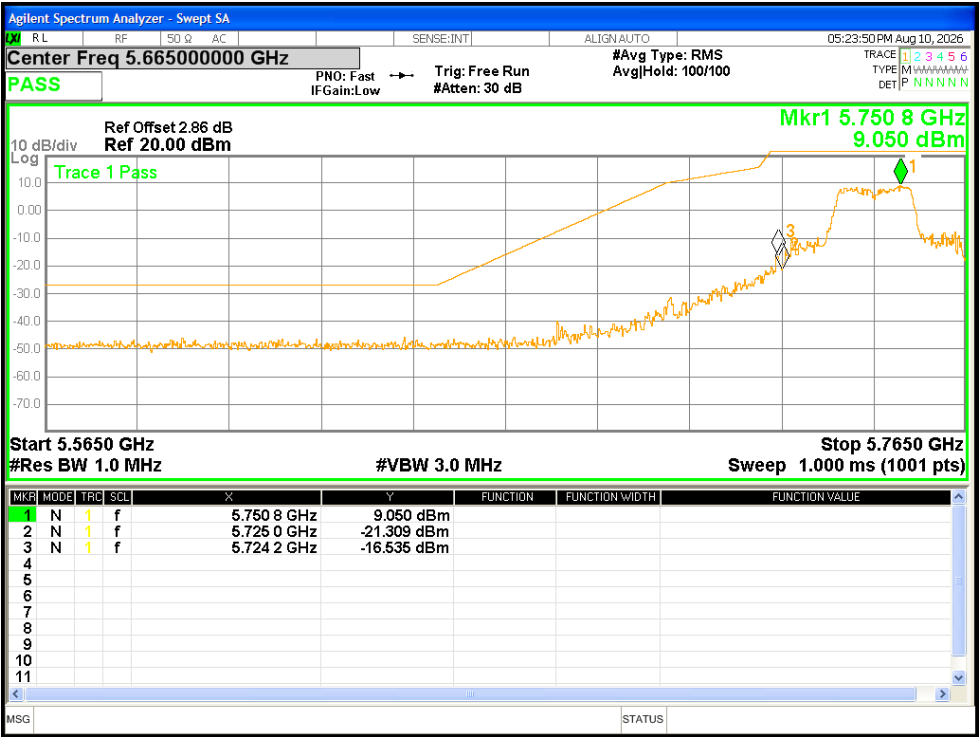
ANT1



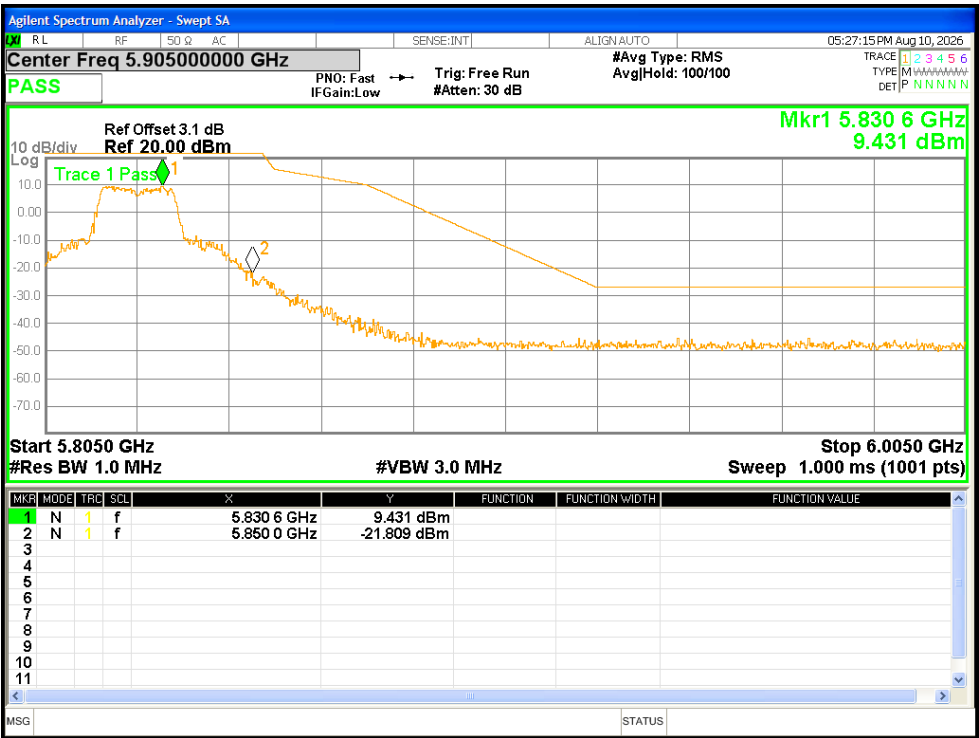
Band Edge NVNT a 5180MHz Low Ant1



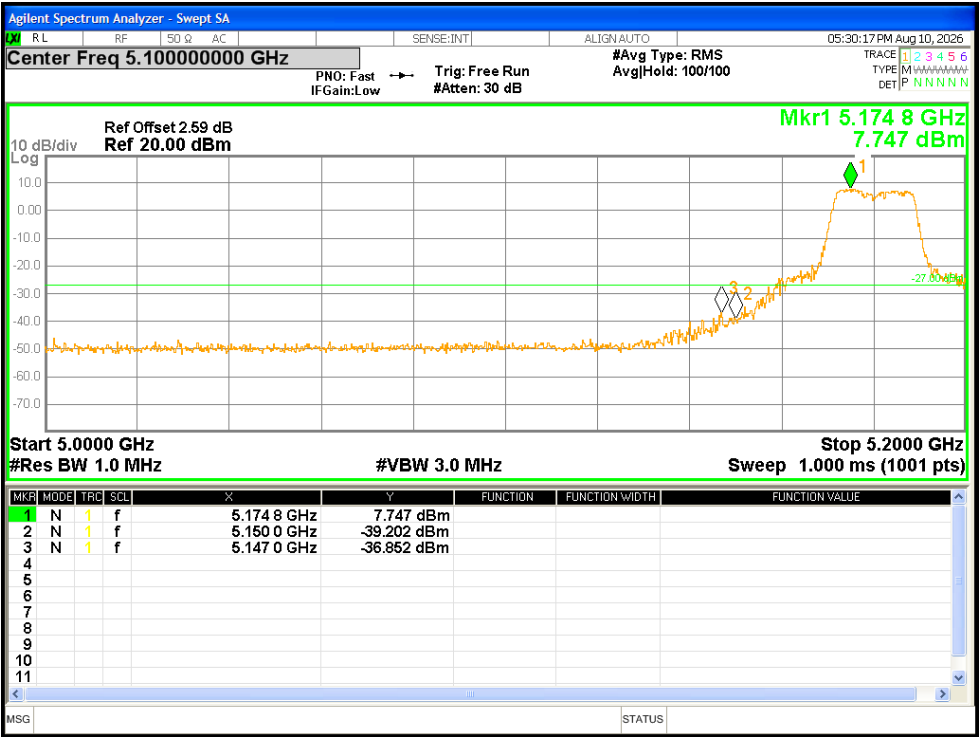
Band Edge NVNT a 5240MHz High Ant1



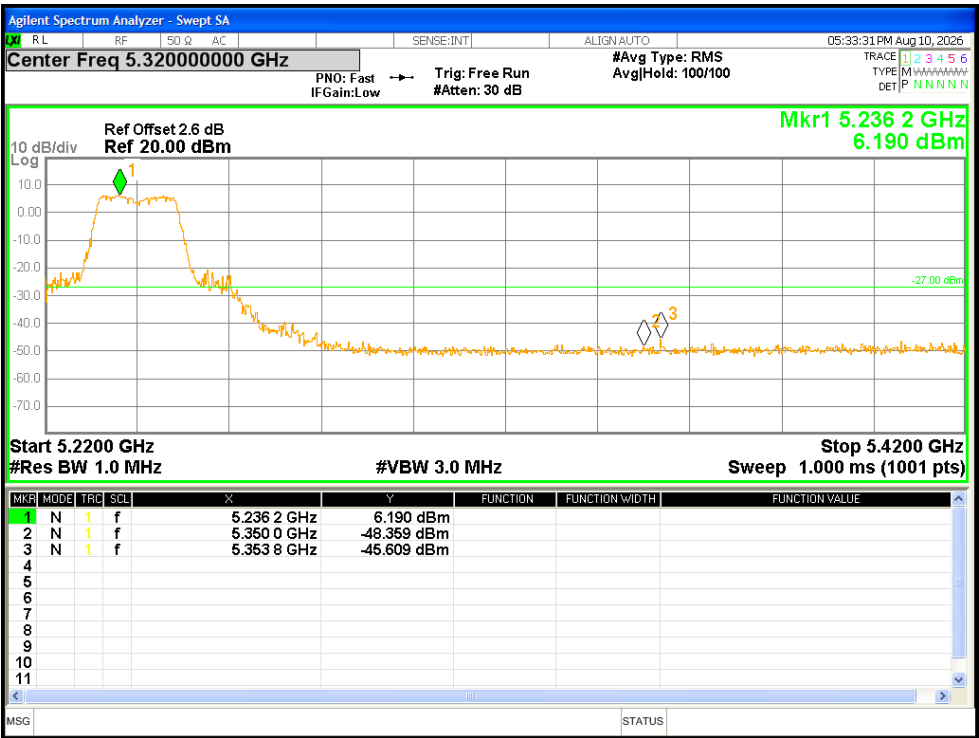
Band Edge NVNT a 5745MHz Low Ant1



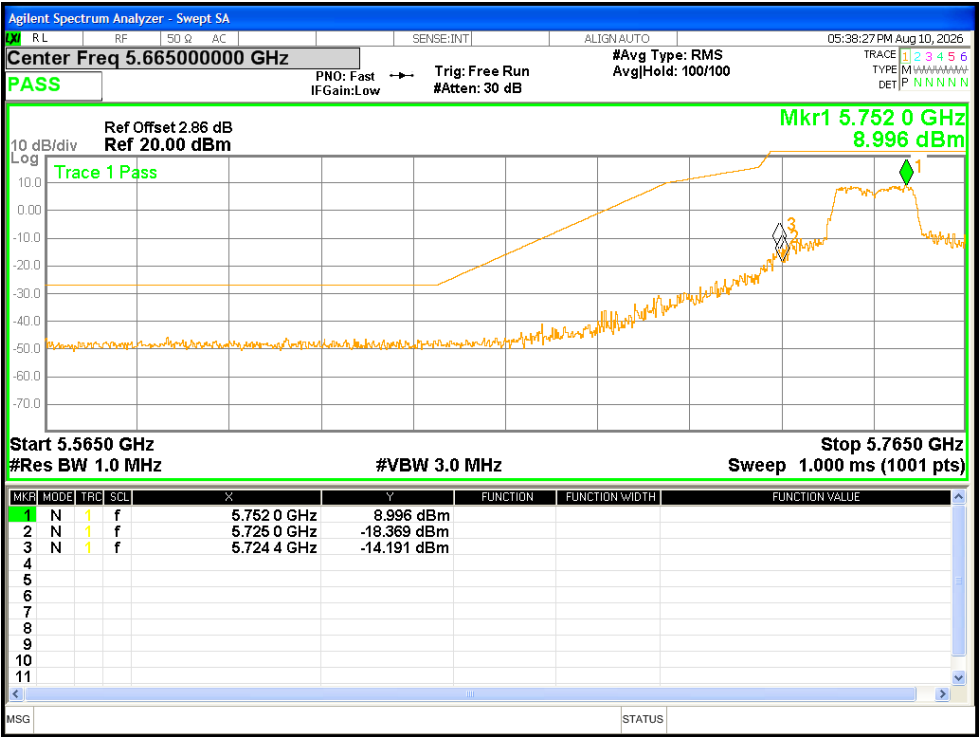
Band Edge NVNT a 5825MHz High Ant1



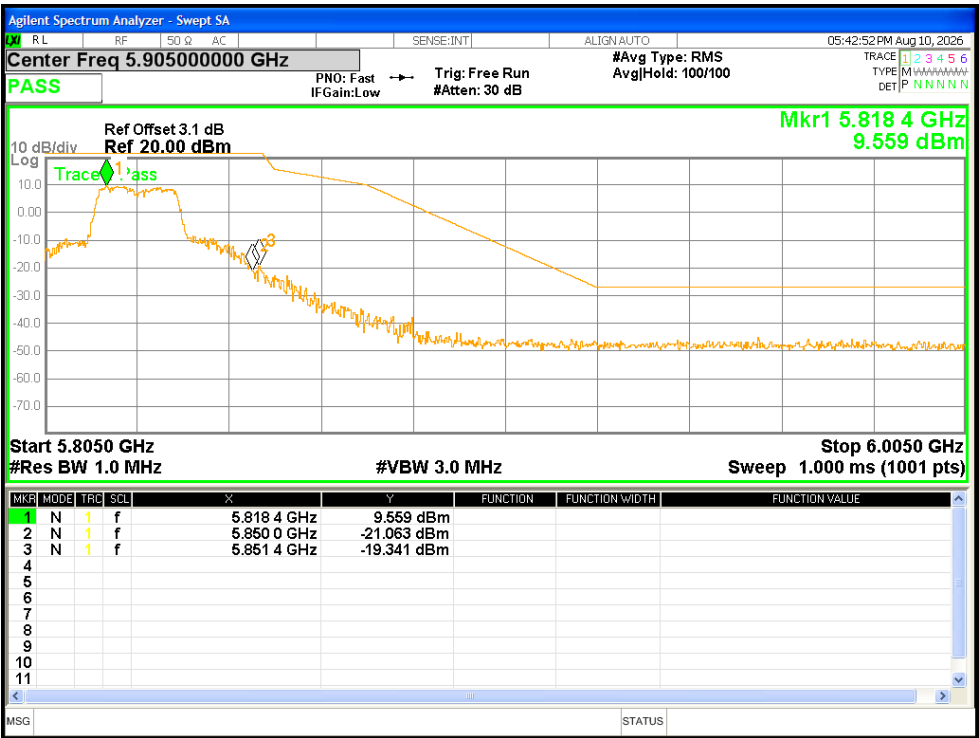
Band Edge NVNT n20 5180MHz Low Ant1



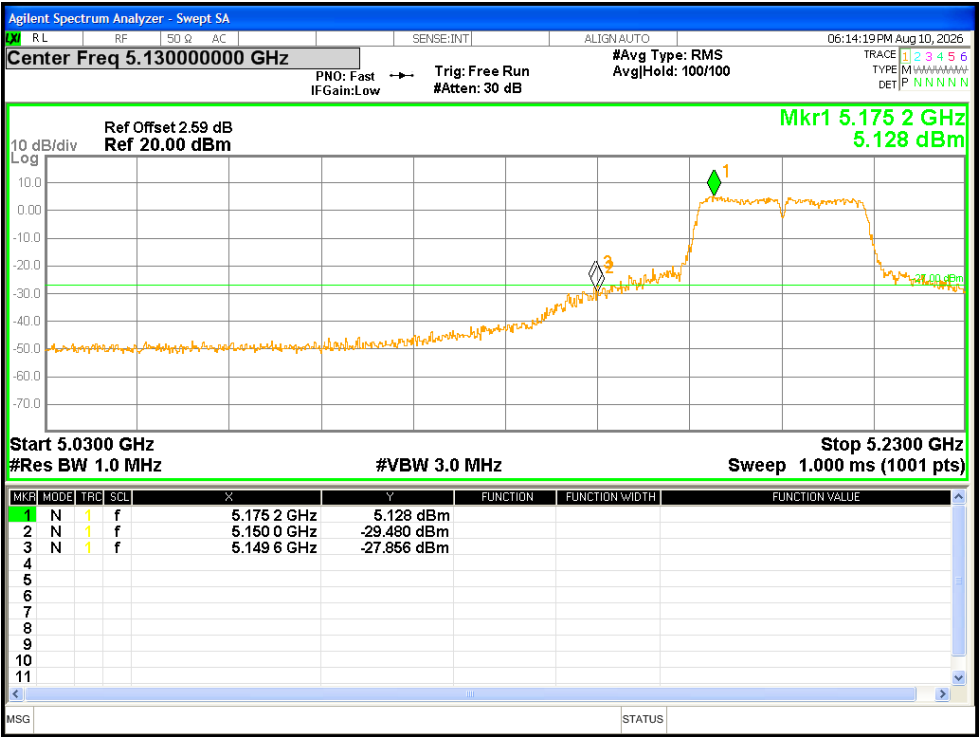
Band Edge NVNT n20 5240MHz High Ant1



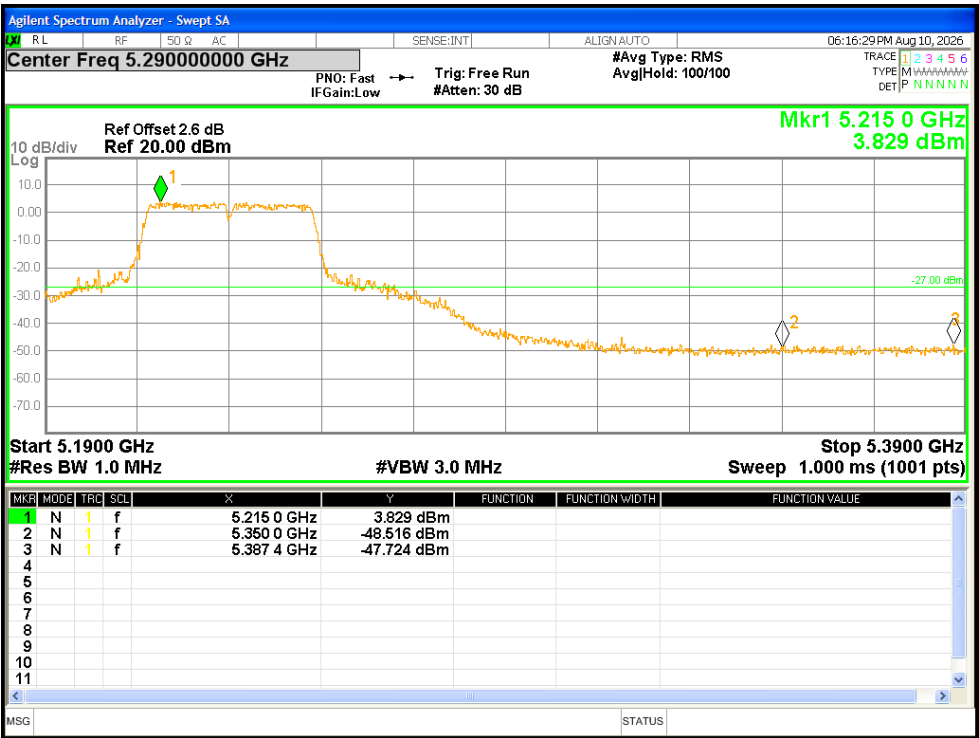
Band Edge NVNT n20 5745MHz Low Ant1



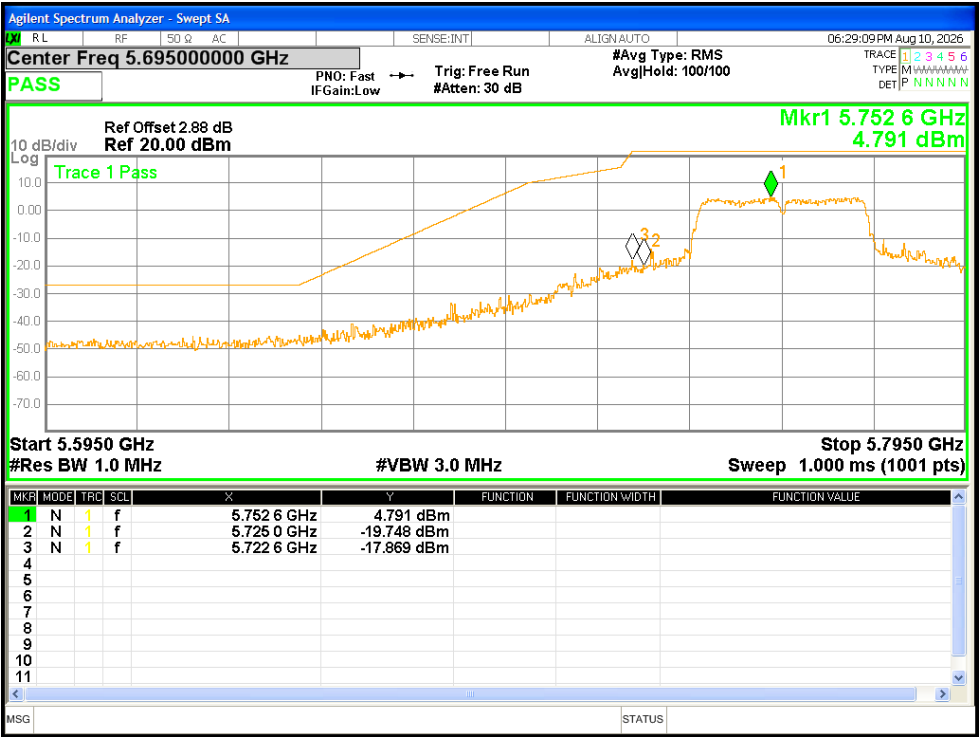
Band Edge NVNT n20 5825MHz High Ant1



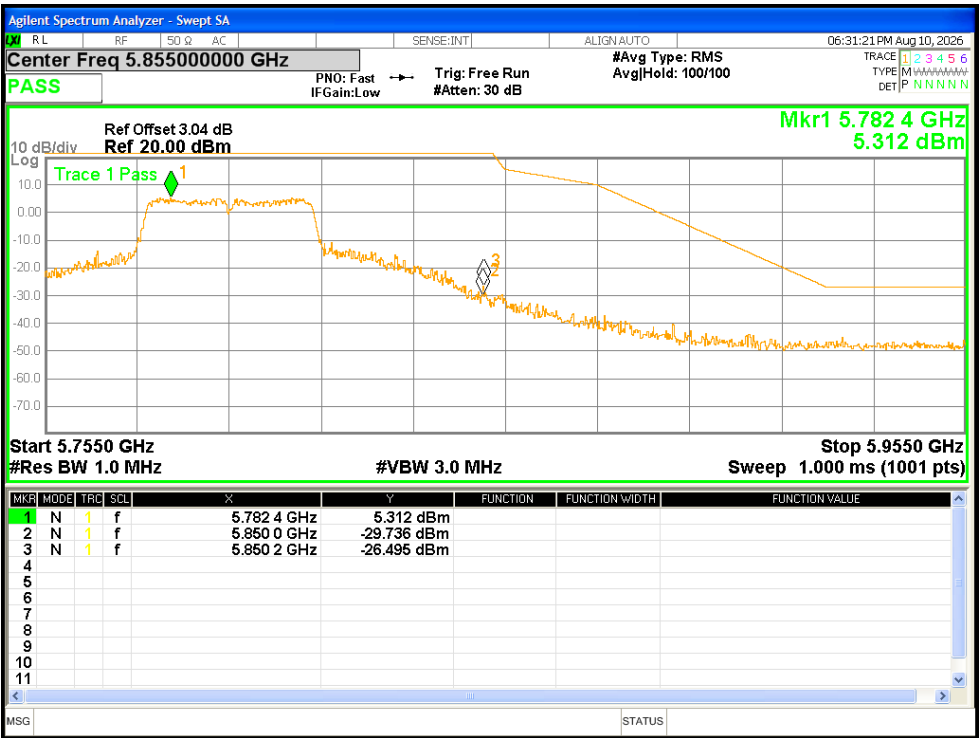
Band Edge NVNT n40 5190MHz Low Ant1



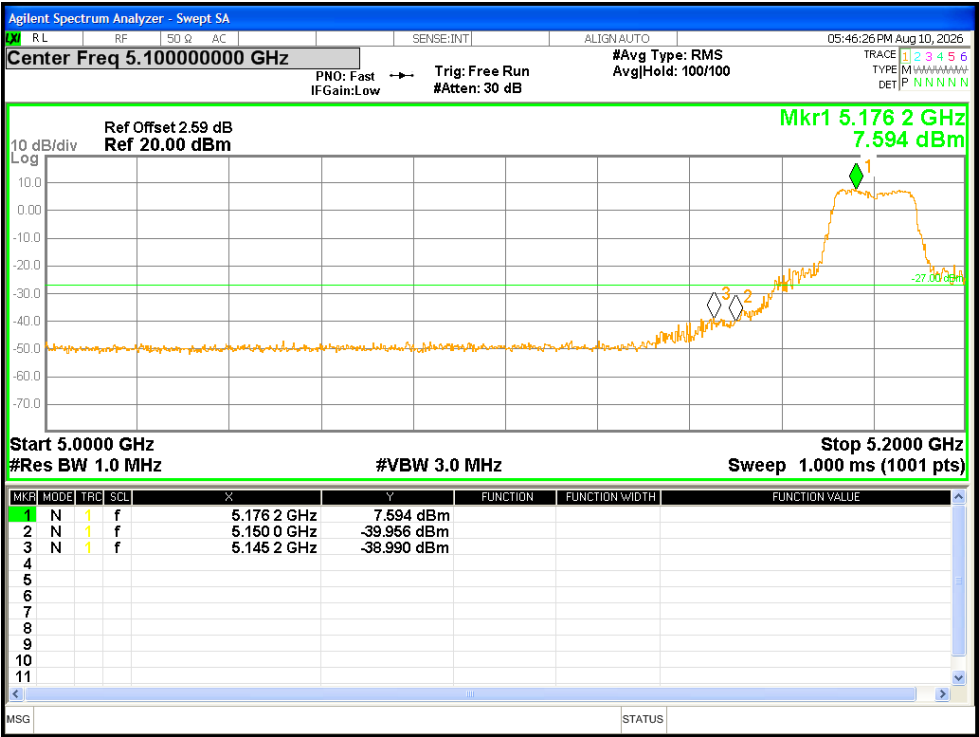
Band Edge NVNT n40 5230MHz High Ant1



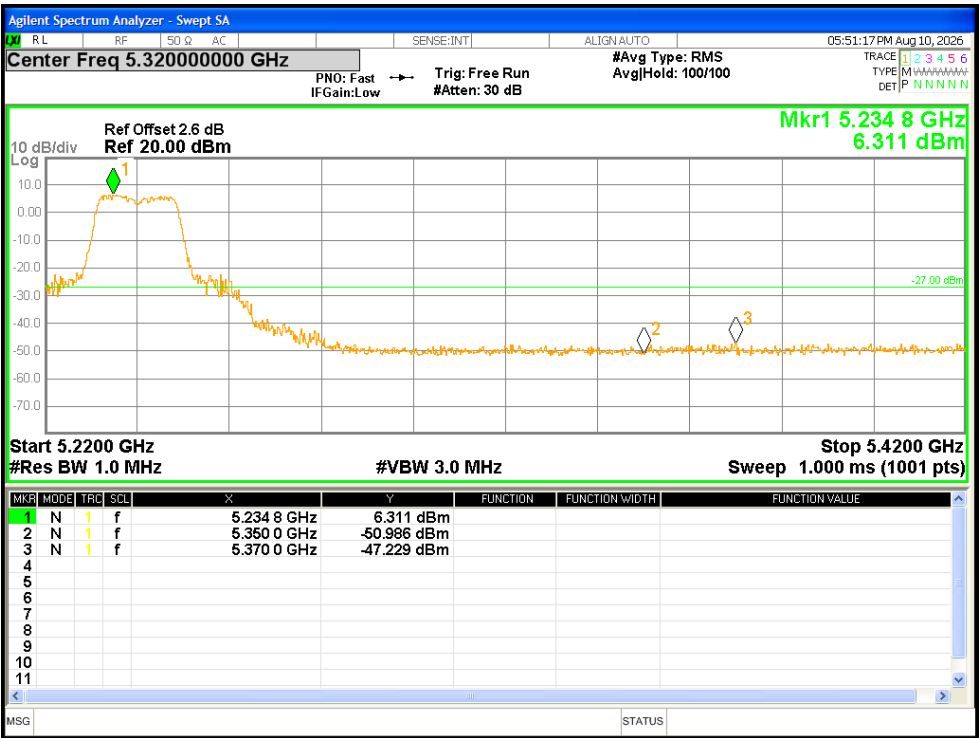
Band Edge NVNT n40 5755MHz Low Ant1



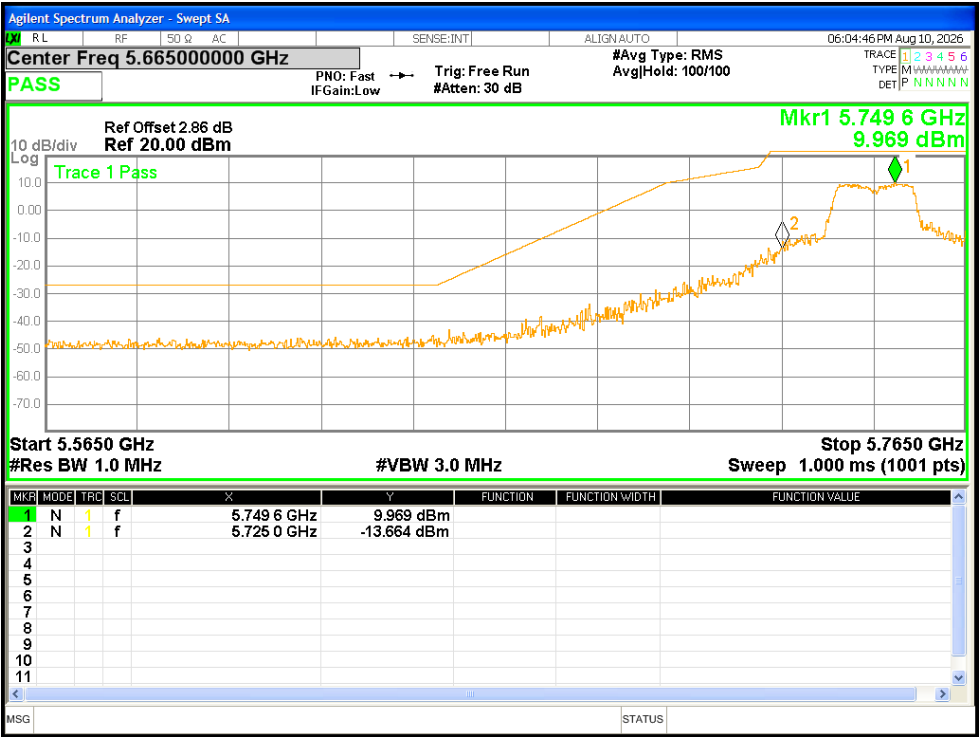
Band Edge NVNT n40 5795MHz High Ant1



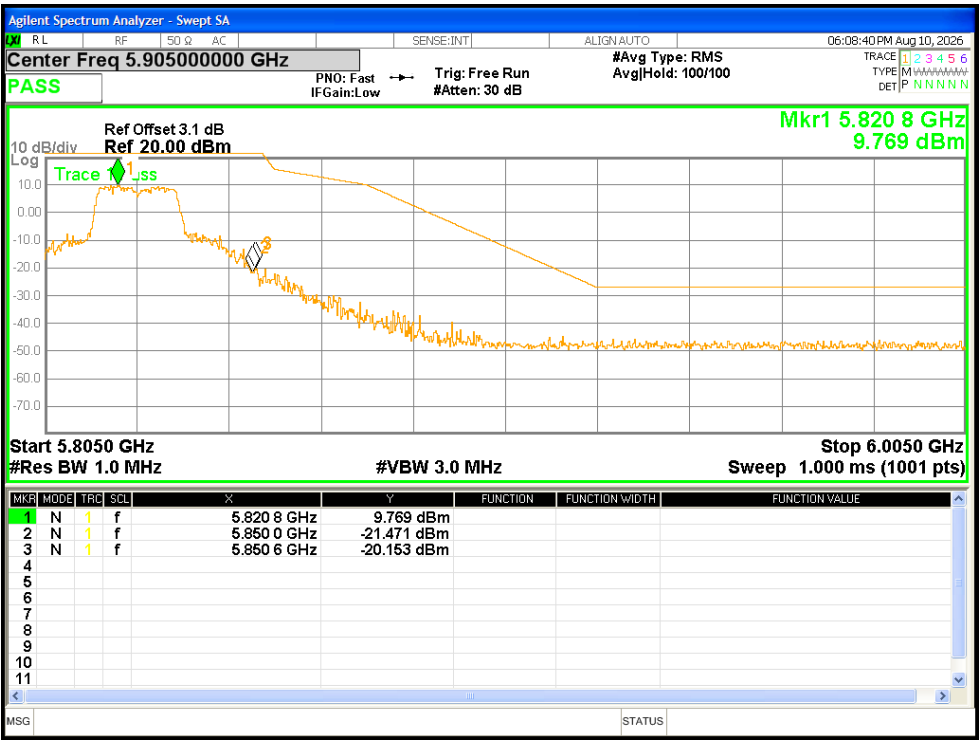
Band Edge NVNT ac20 5180MHz Low Ant1



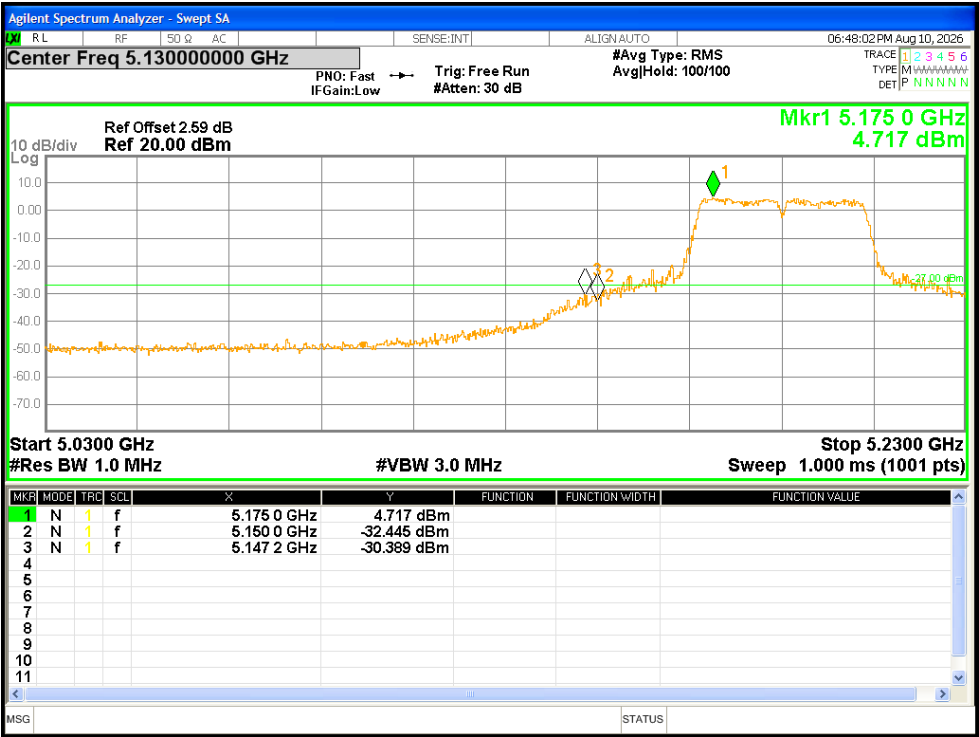
Band Edge NVNT ac20 5240MHz High Ant1



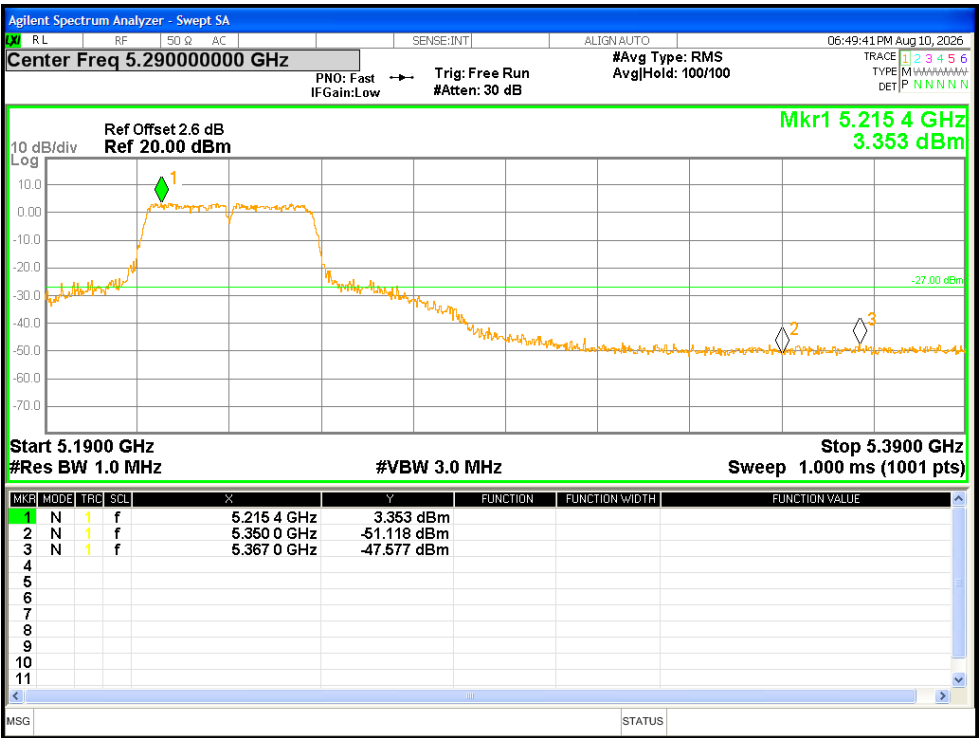
Band Edge NVNT ac20 5745MHz Low Ant1



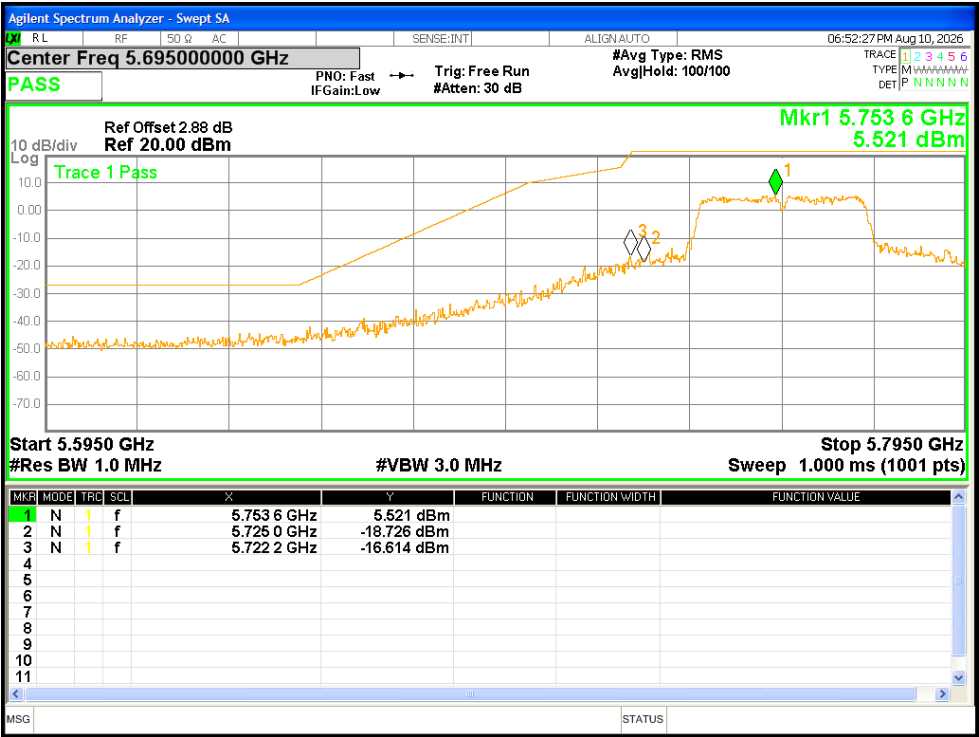
Band Edge NVNT ac20 5825MHz High Ant1



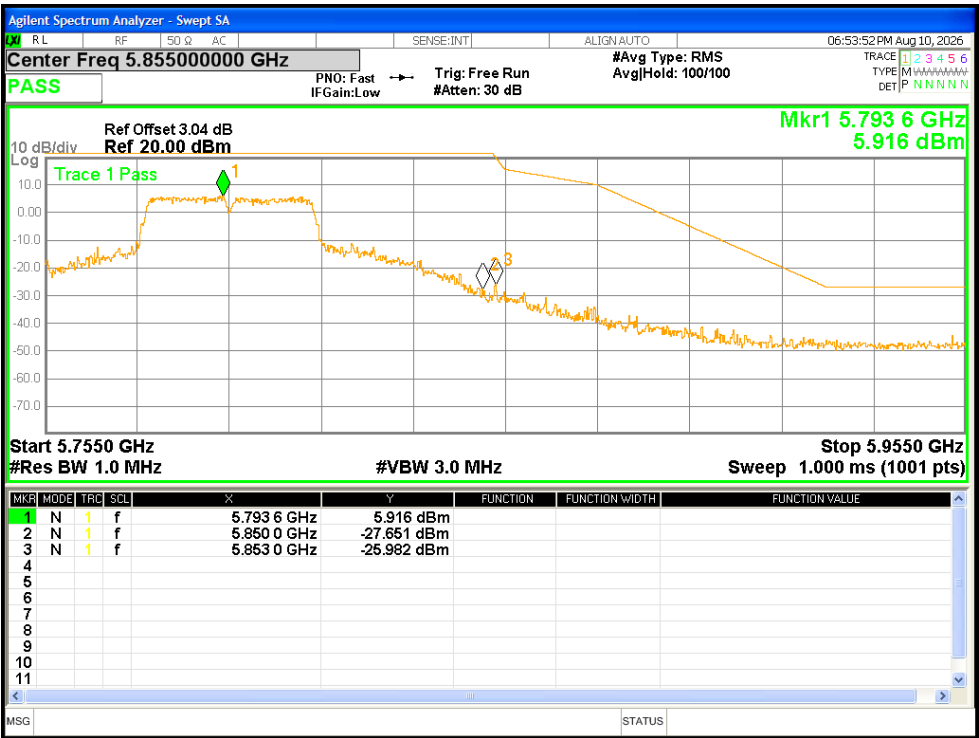
Band Edge NVNT ac40 5190MHz Low Ant1



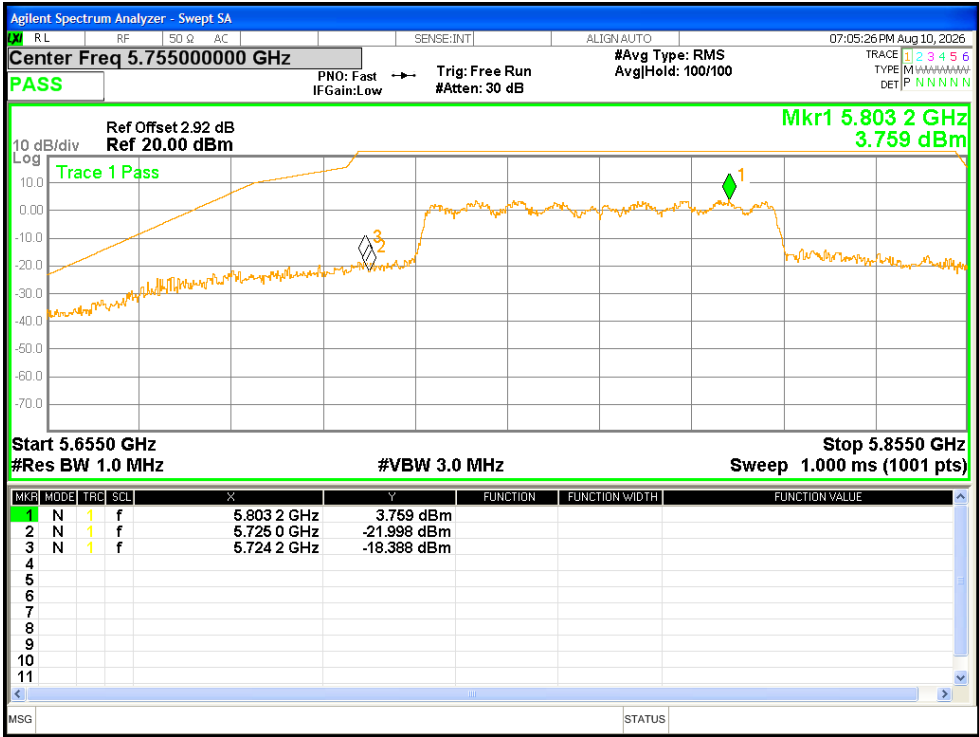
Band Edge NVNT ac40 5230MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1

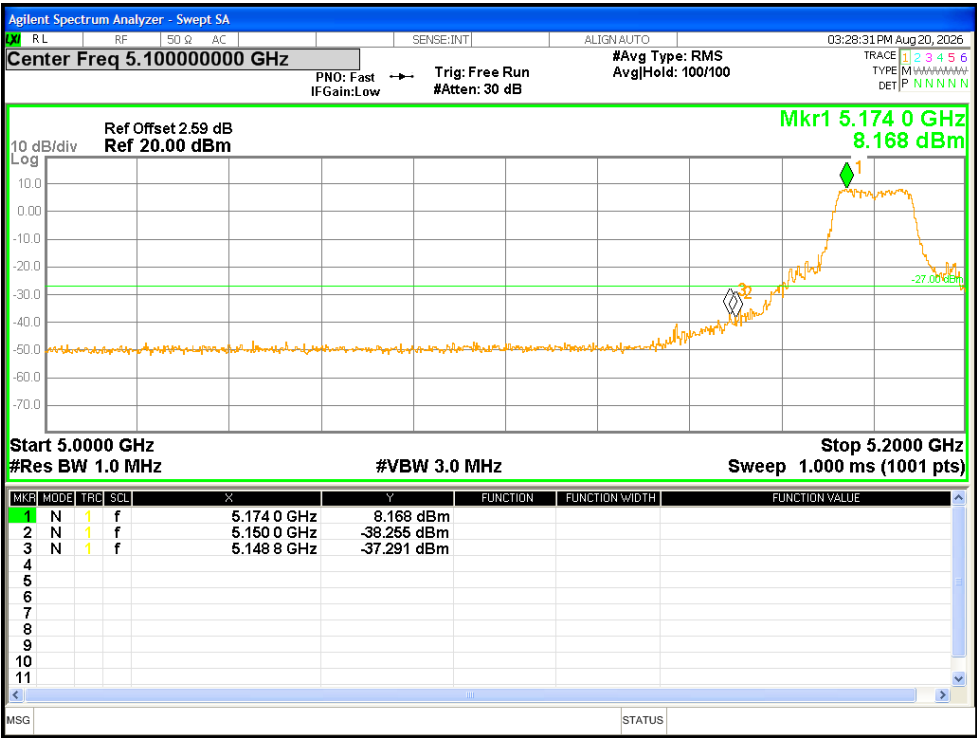


Band Edge NVNT ac40 5795MHz High Ant1

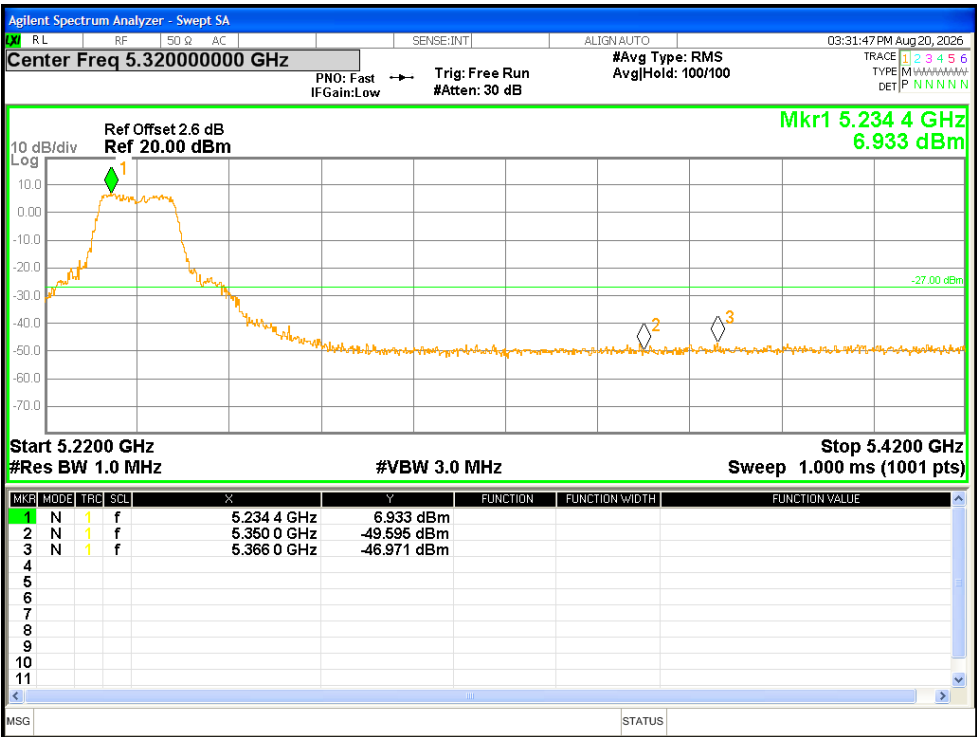


Band Edge NVNT ac80 5775MHz Low Ant1

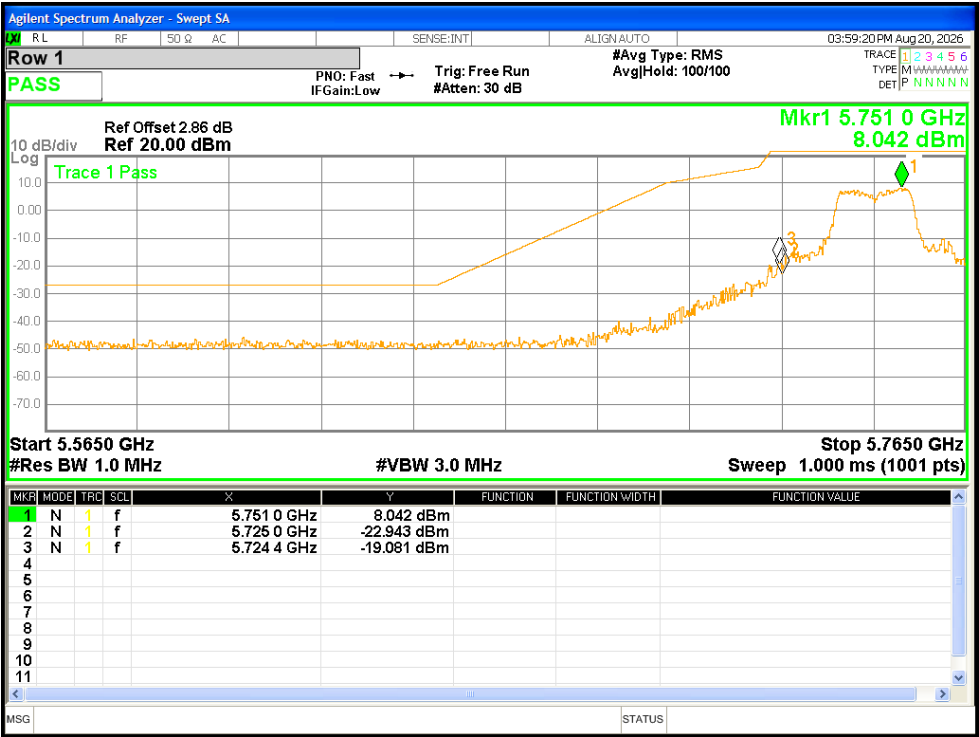
ANT2



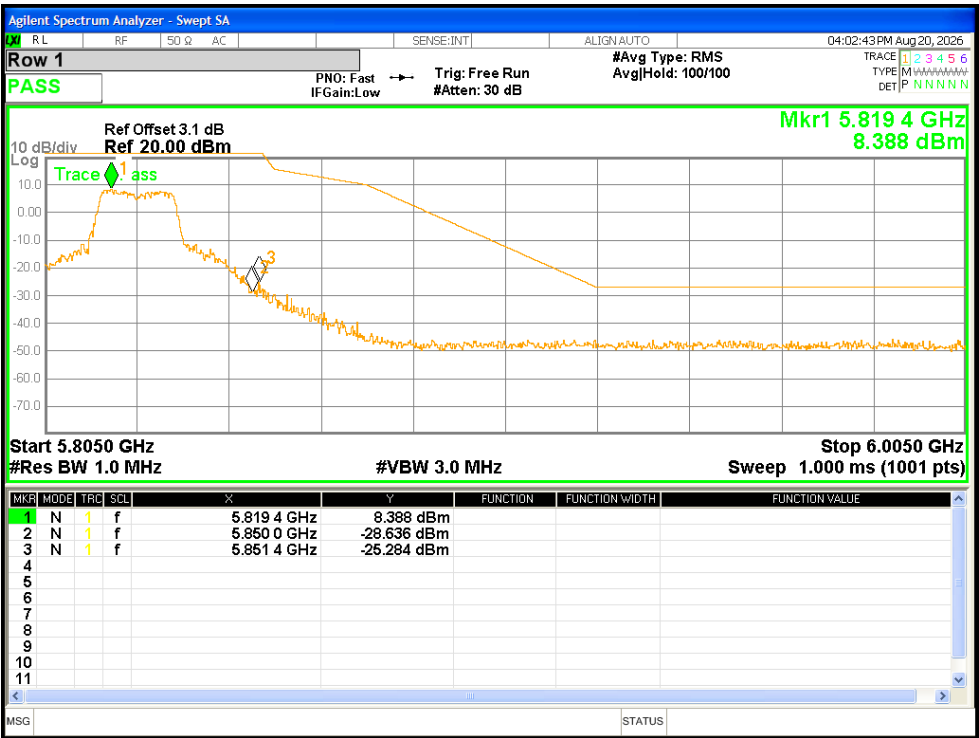
Band Edge NVNT a 5180MHz Low Ant2



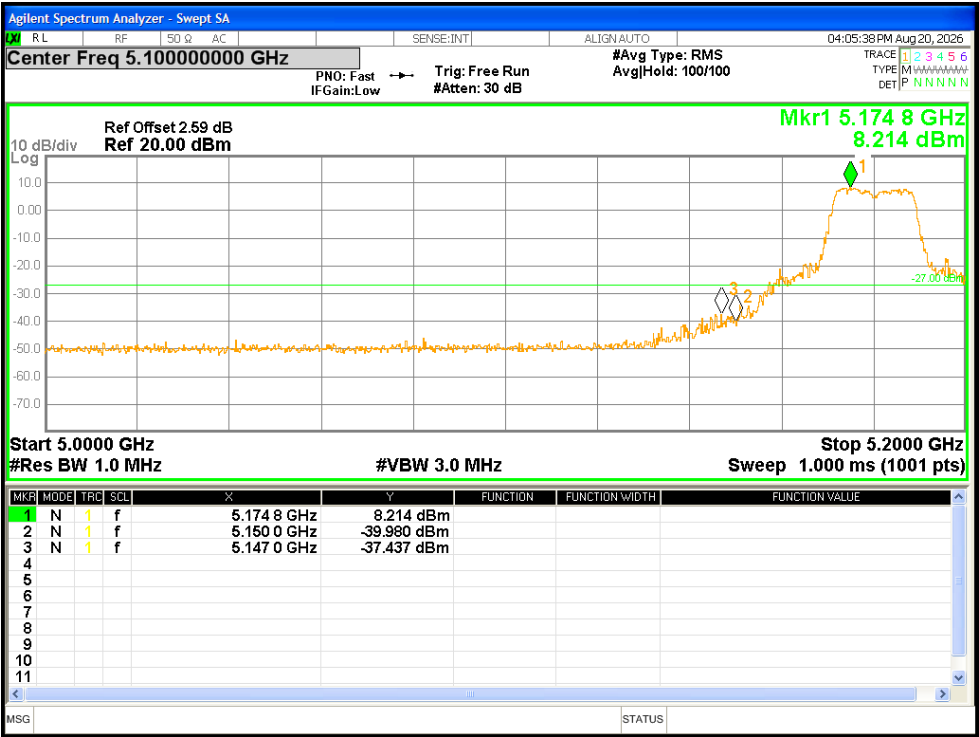
Band Edge NVNT a 5240MHz High Ant2



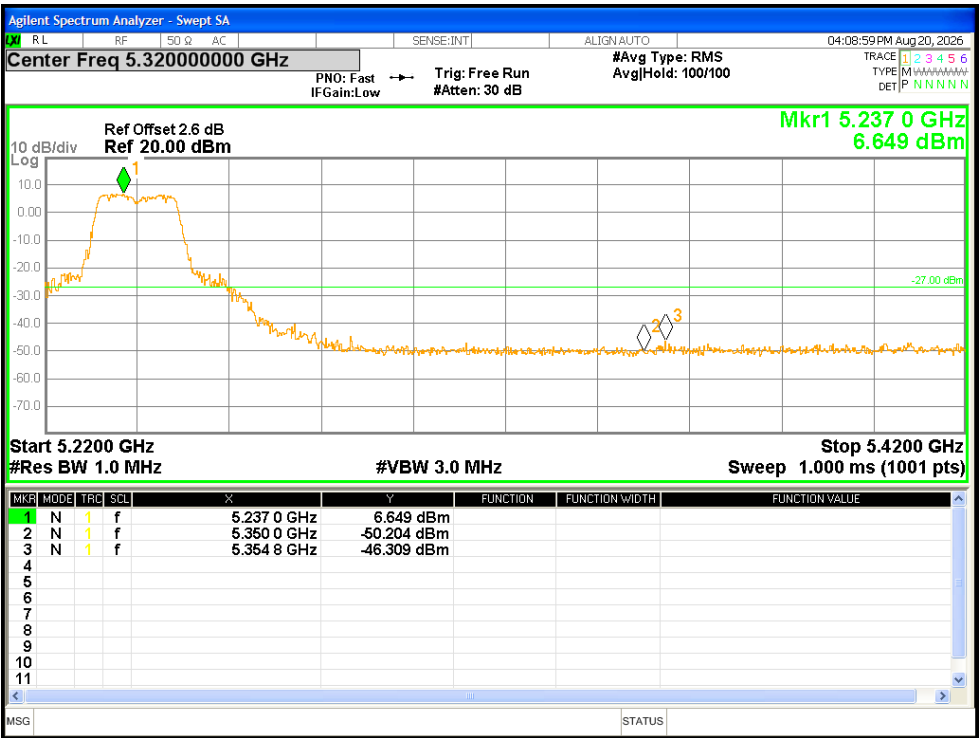
Band Edge NVNT a 5745MHz Low Ant2



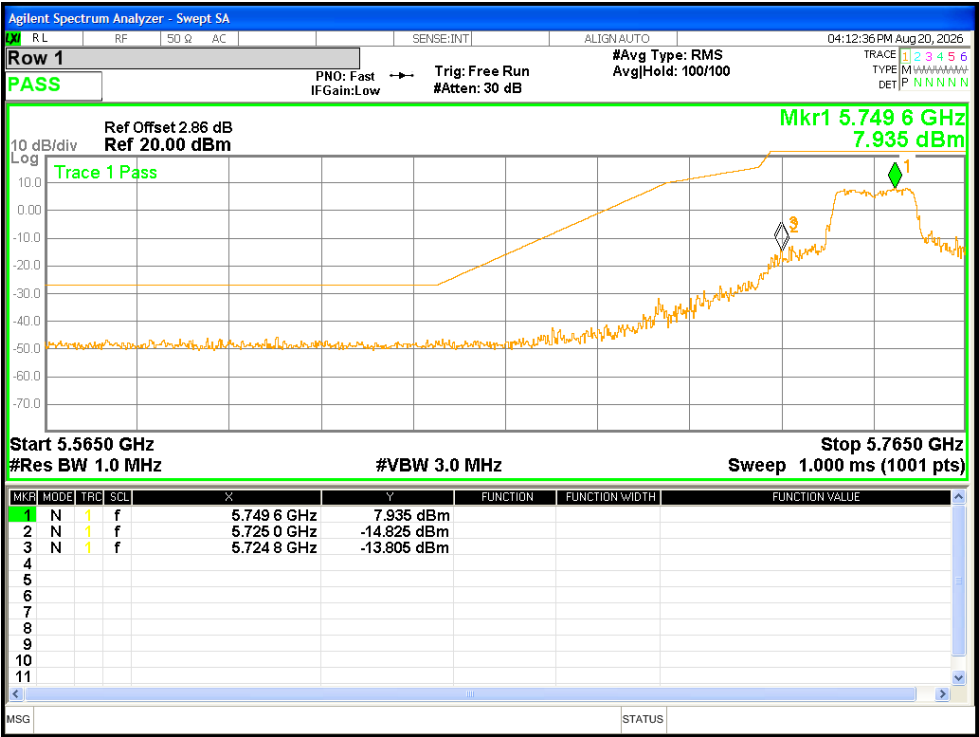
Band Edge NVNT a 5825MHz High Ant2



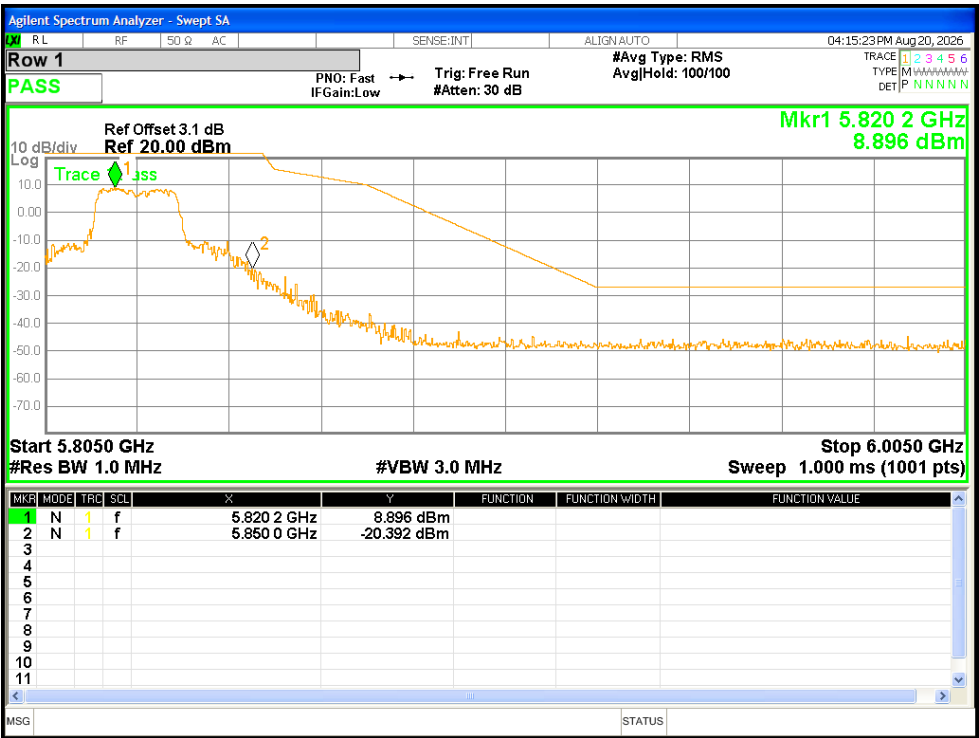
Band Edge NVNT n20 5180MHz Low Ant2



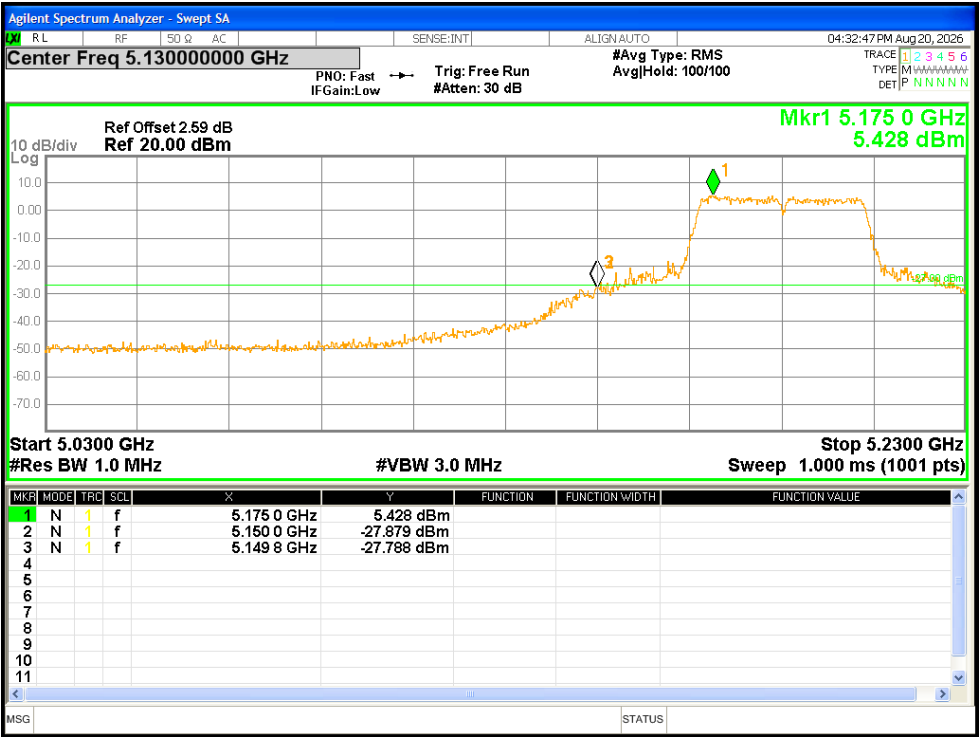
Band Edge NVNT n20 5240MHz High Ant2



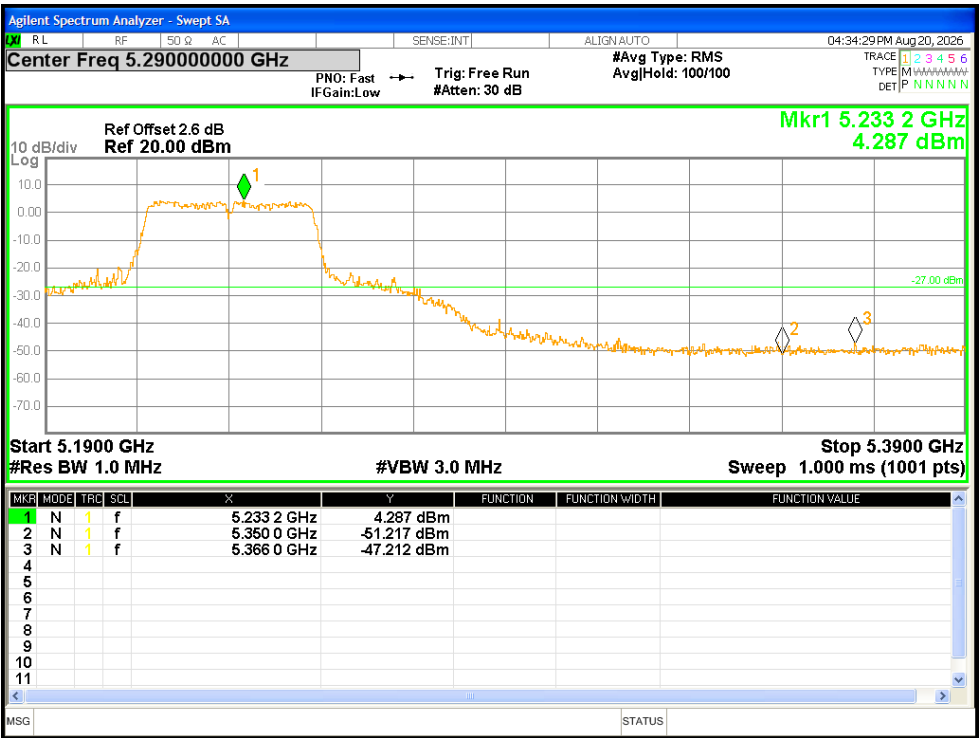
Band Edge NVNT n20 5745MHz Low Ant2



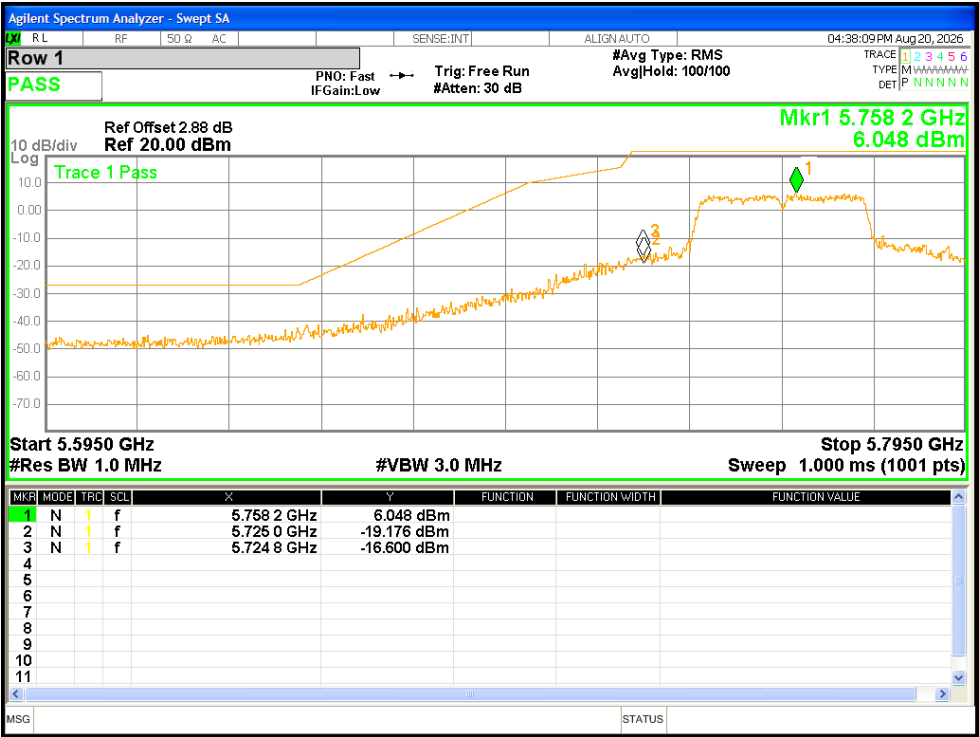
Band Edge NVNT n20 5825MHz High Ant2



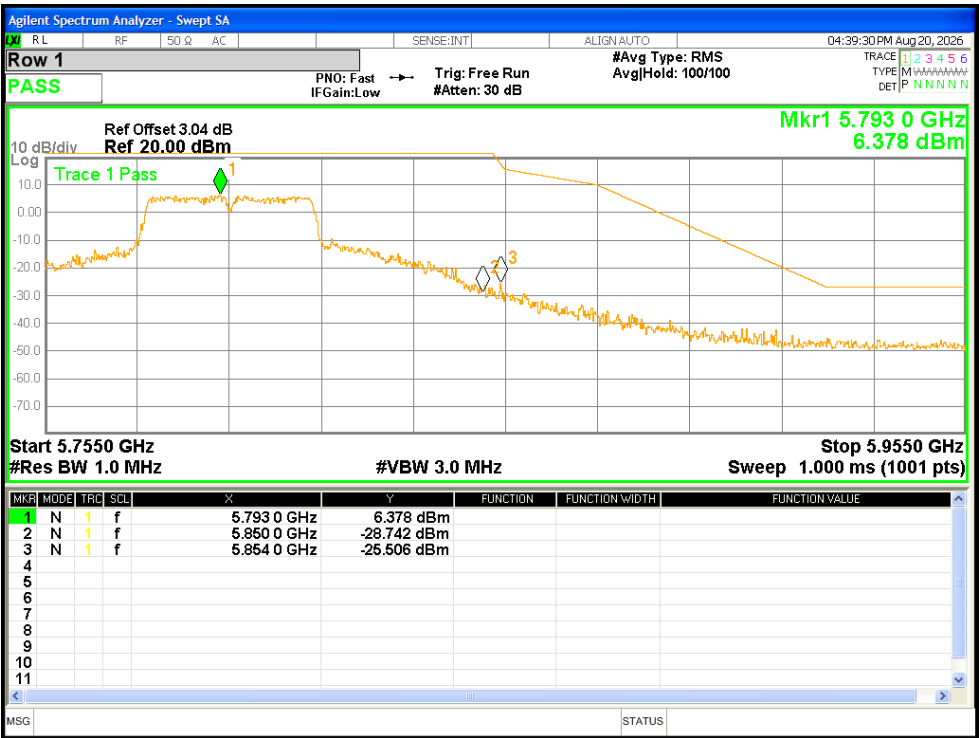
Band Edge NVNT n40 5190MHz Low Ant2



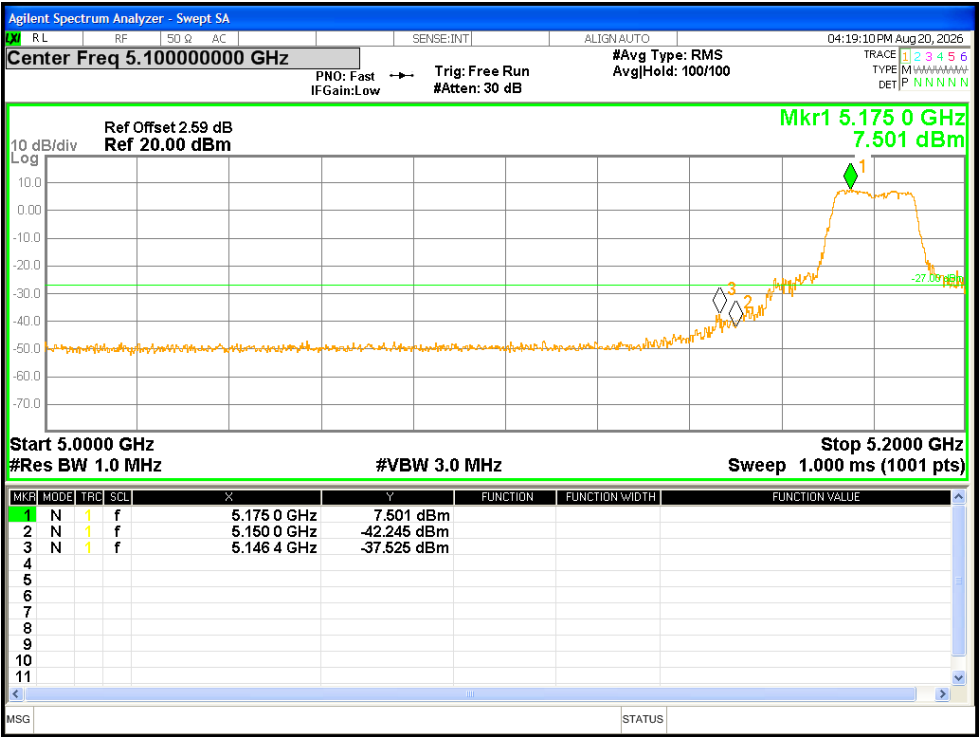
Band Edge NVNT n40 5230MHz High Ant2



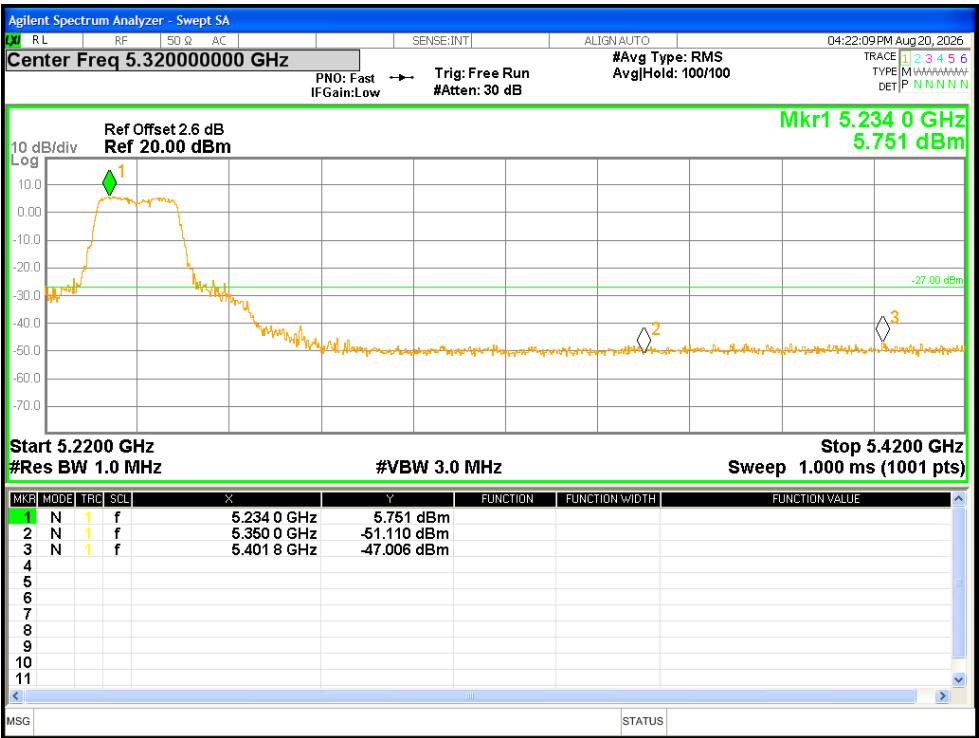
Band Edge NVNT n40 5755MHz Low Ant2



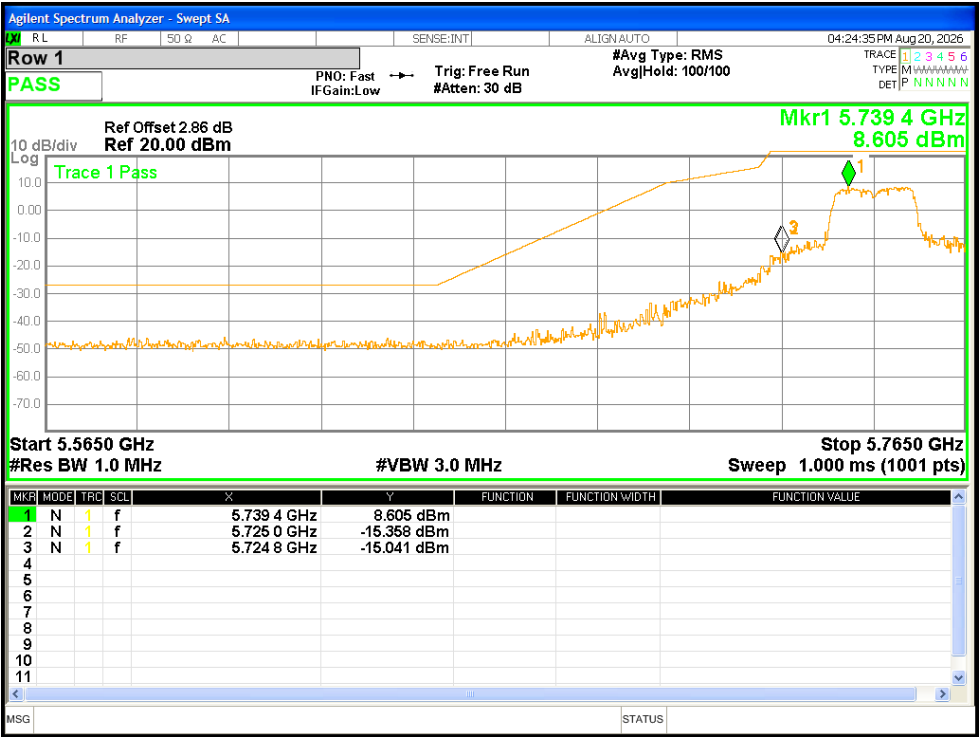
Band Edge NVNT n40 5795MHz High Ant2



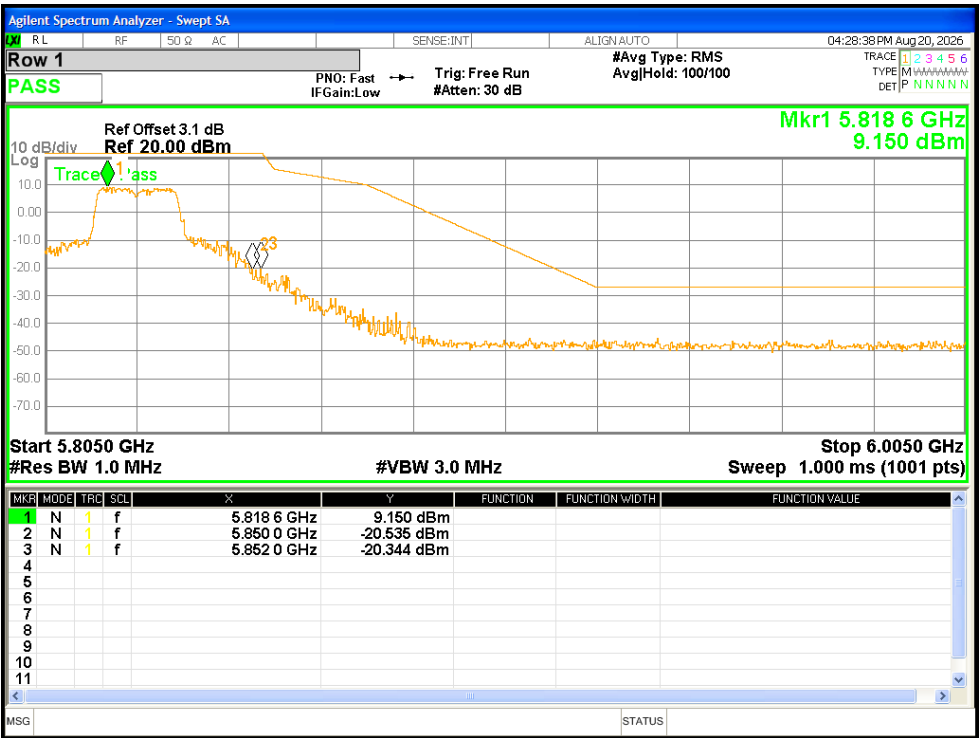
Band Edge NVNT ac20 5180MHz Low Ant2



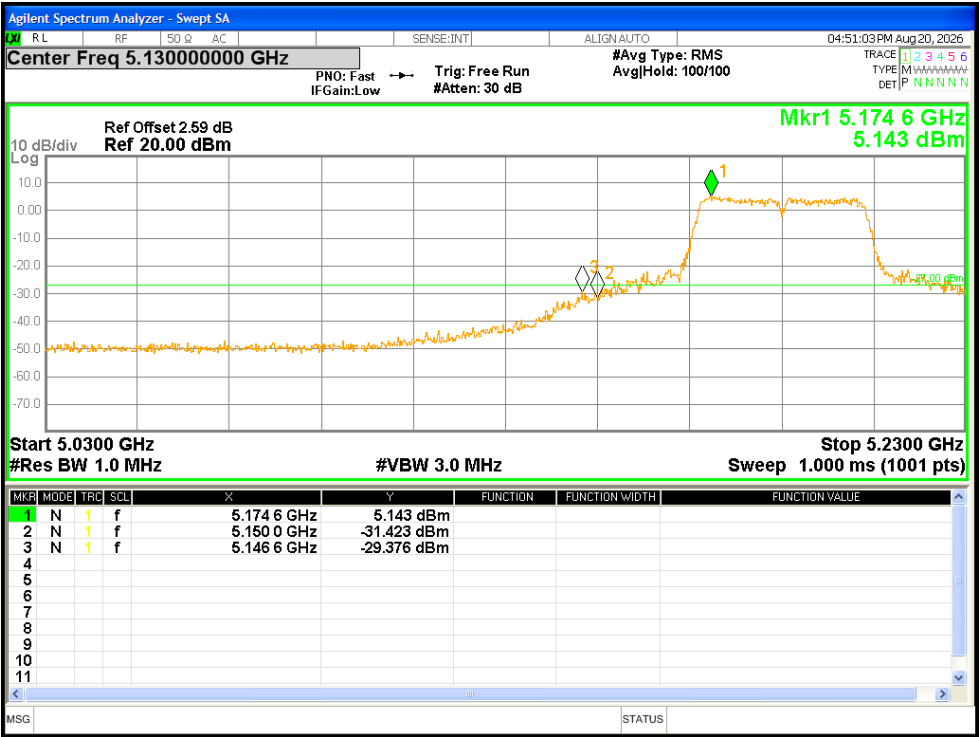
Band Edge NVNT ac20 5240MHz High Ant2



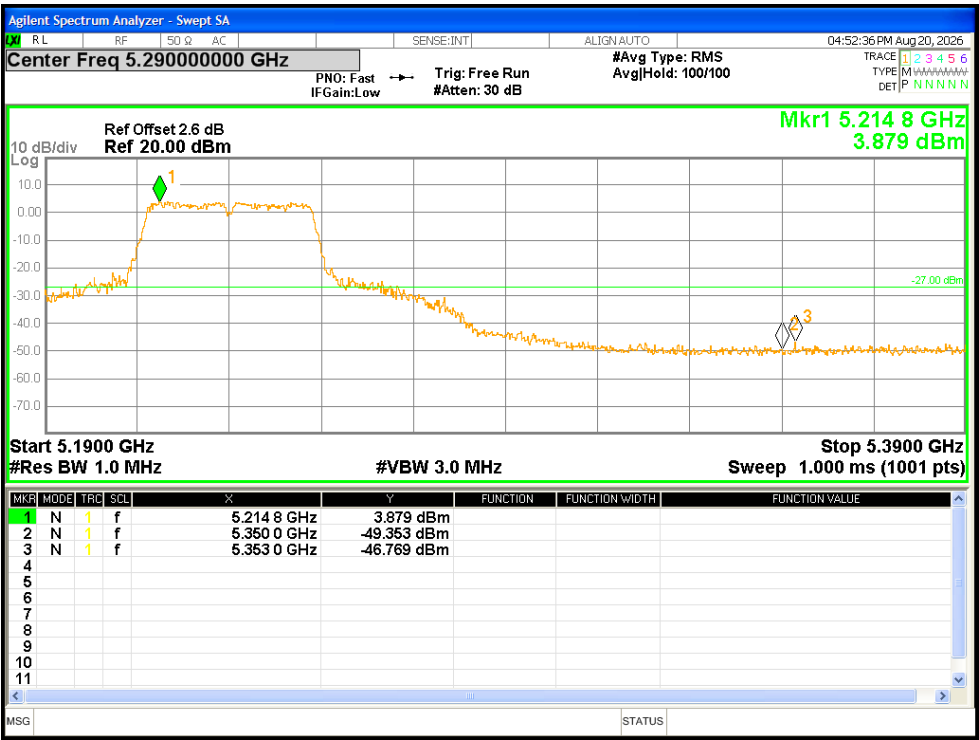
Band Edge NVNT ac20 5745MHz Low Ant2



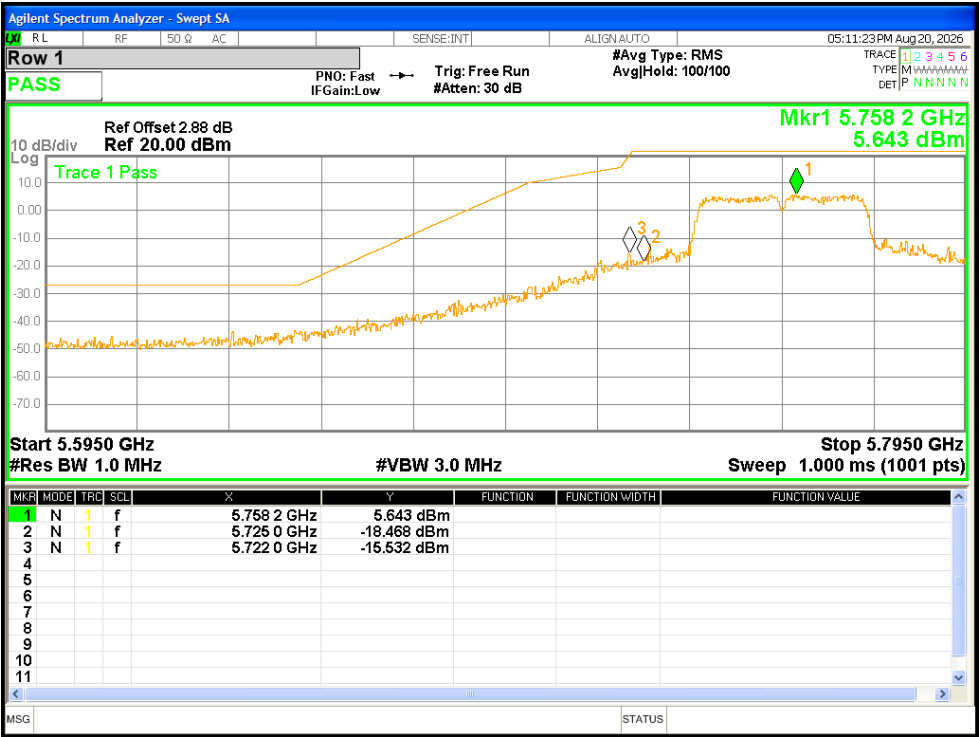
Band Edge NVNT ac20 5825MHz High Ant2



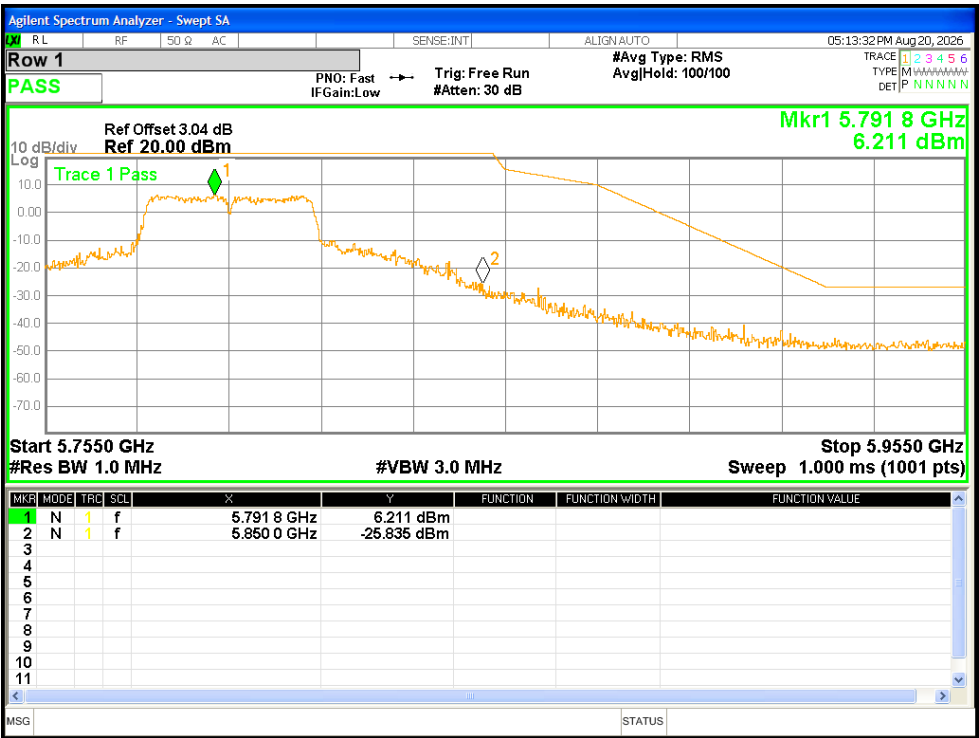
Band Edge NVNT ac40 5190MHz Low Ant2



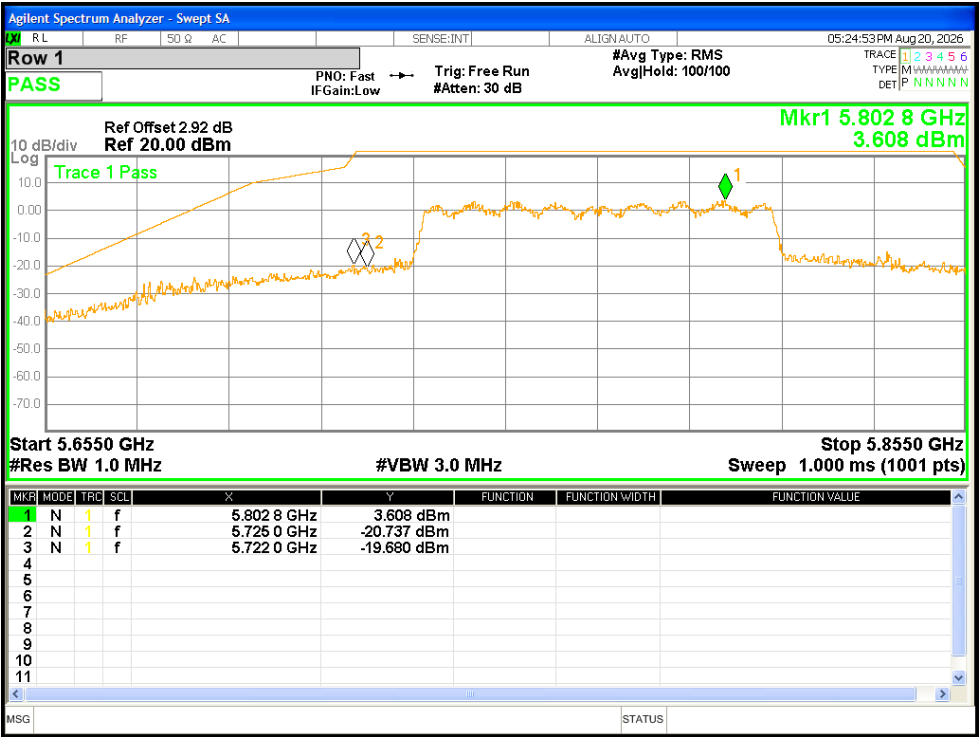
Band Edge NVNT ac40 5230MHz High Ant2



Band Edge NVNT ac40 5755MHz Low Ant2



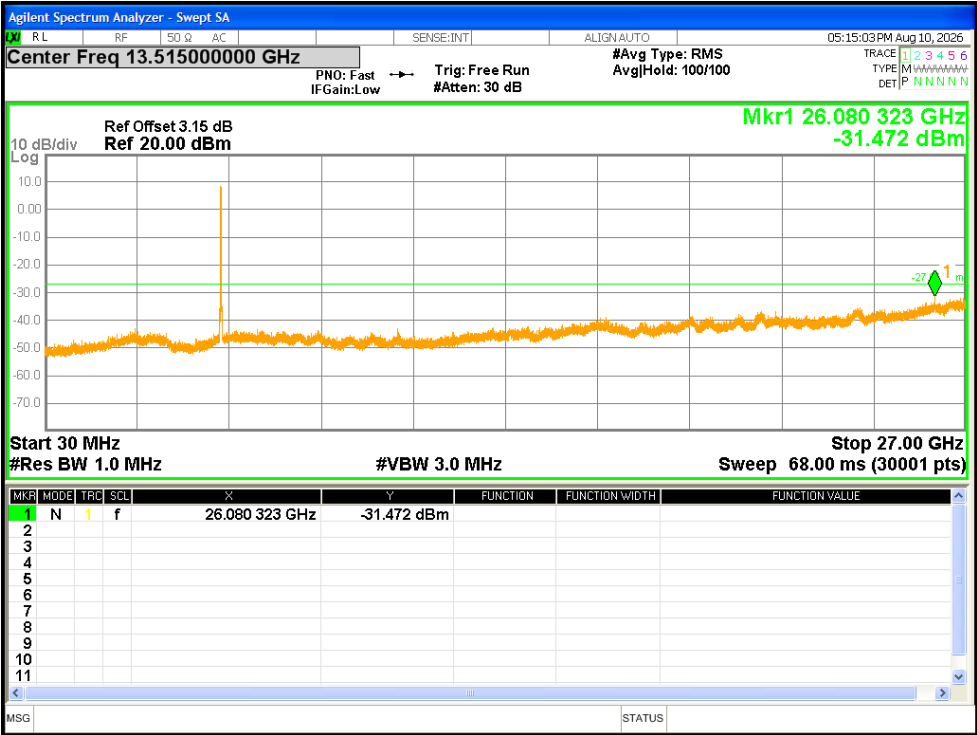
Band Edge NVNT ac40 5795MHz High Ant2



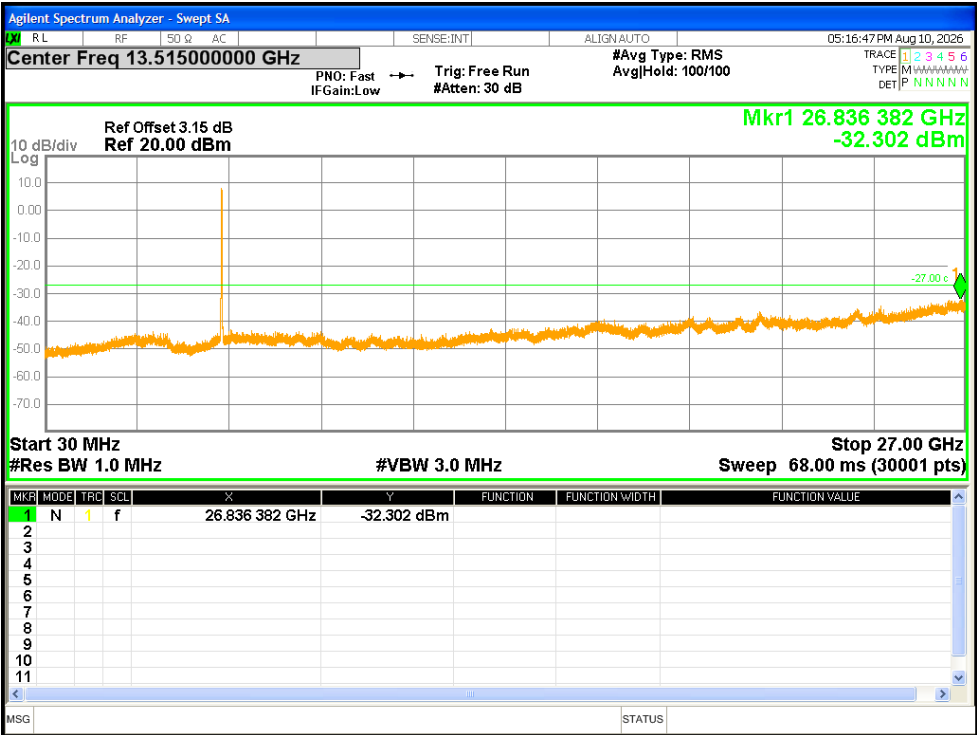
Band Edge NVNT ac80 5775MHz Low Ant2

7. Conducted RF Spurious Emission

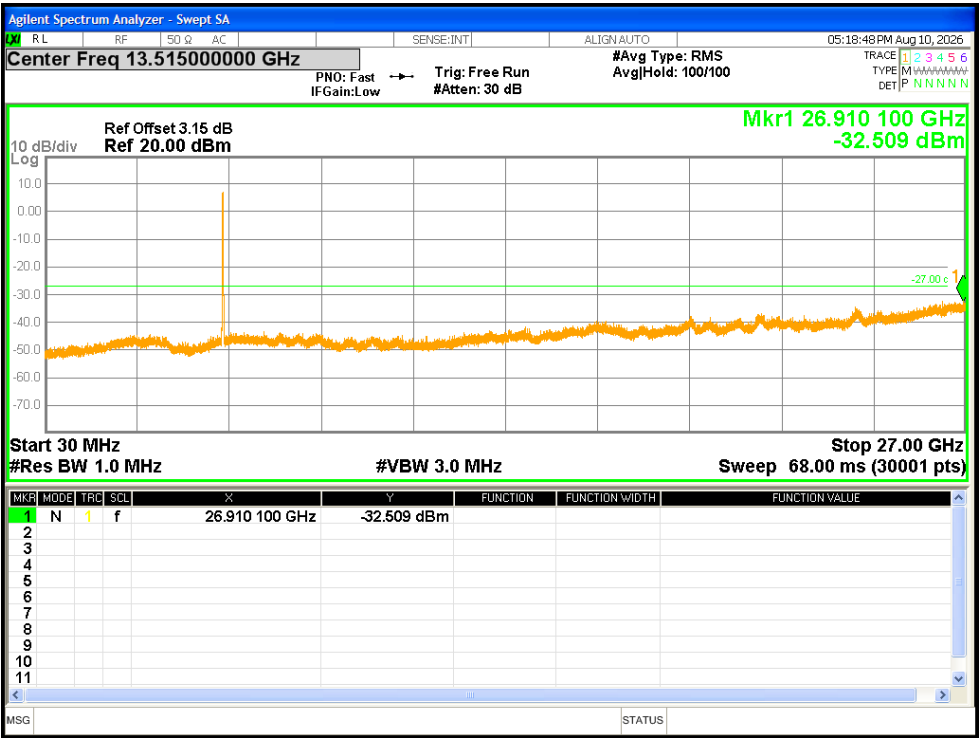
ANT1



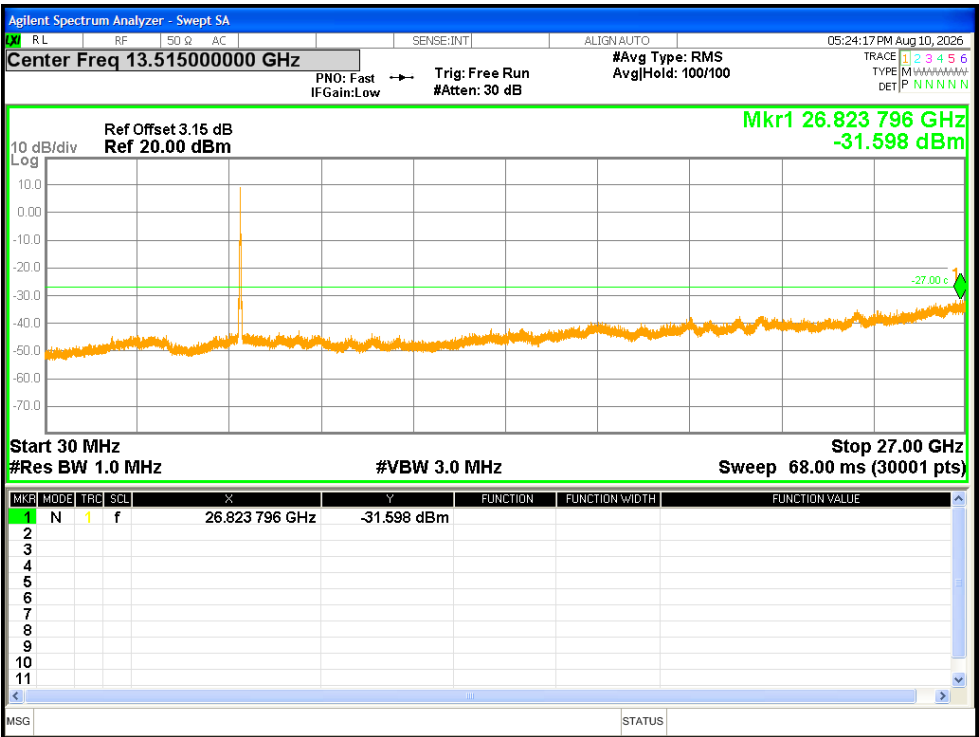
Tx. Spurious NVNT a 5180MHz Ant1 Emission



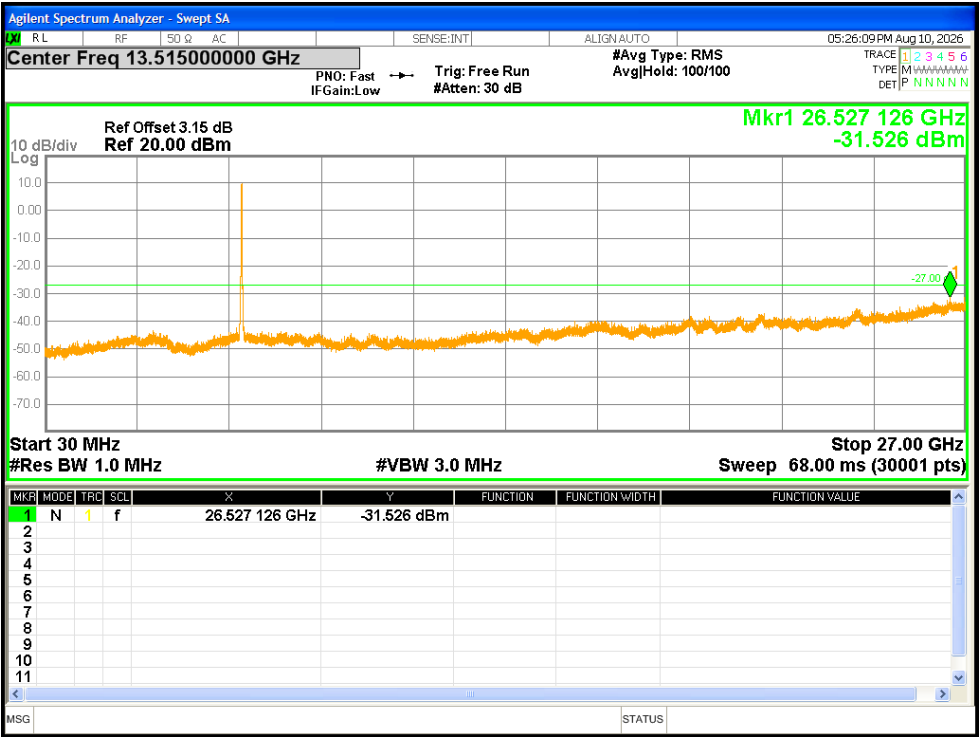
Tx. Spurious NVNT a 5200MHz Ant1 Emission



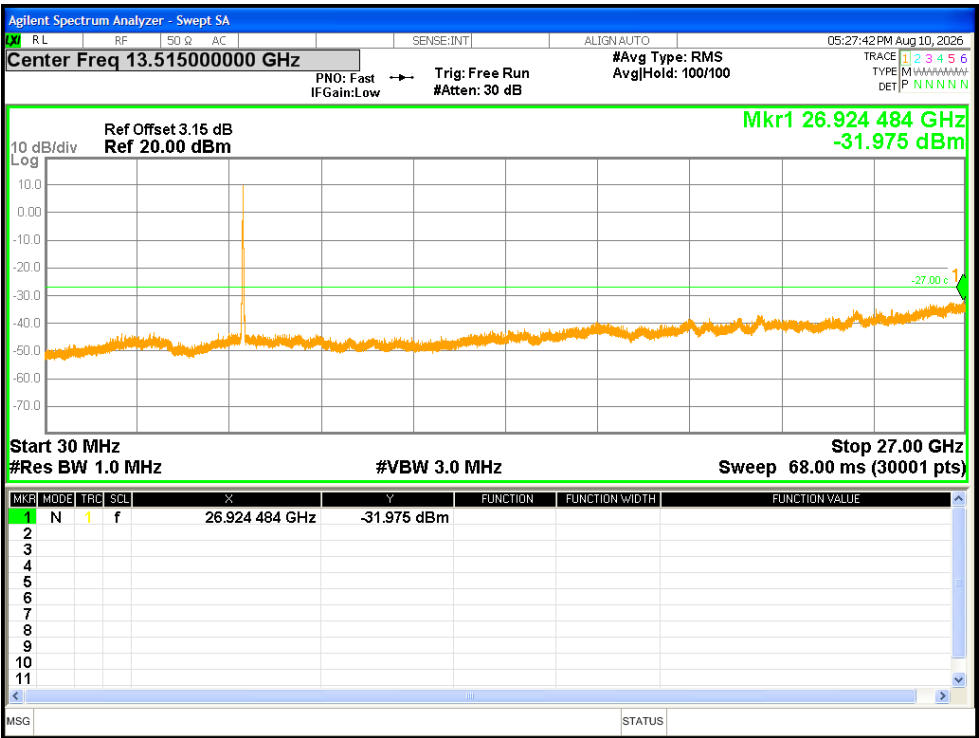
Tx. Spurious NVNT a 5240MHz Ant1 Emission



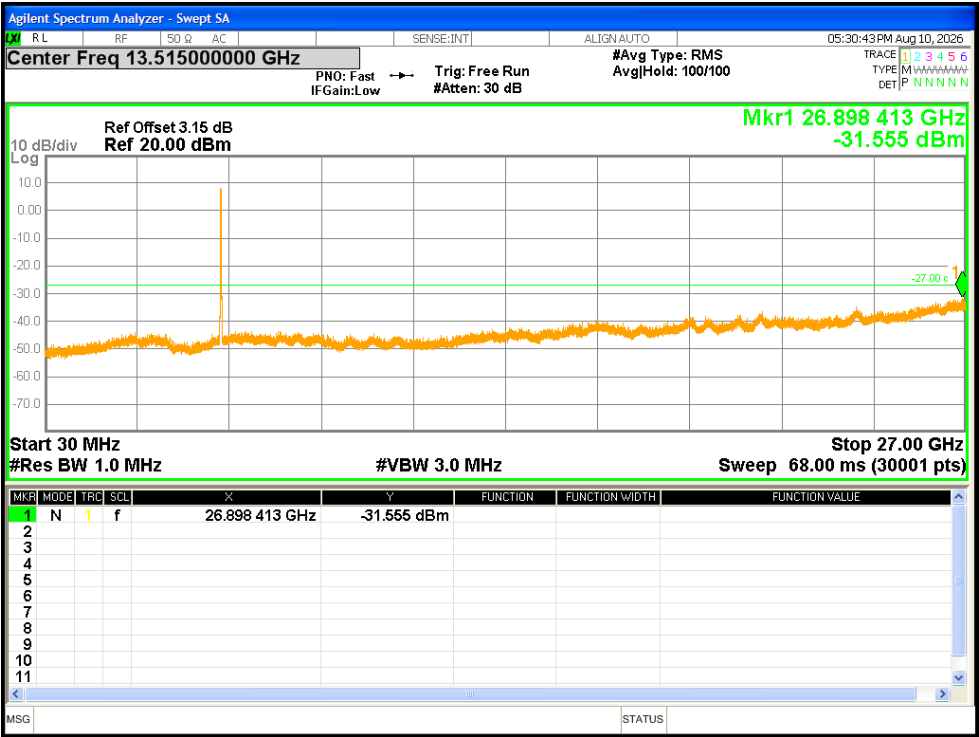
Tx. Spurious NVNT a 5745MHz Ant1 Emission



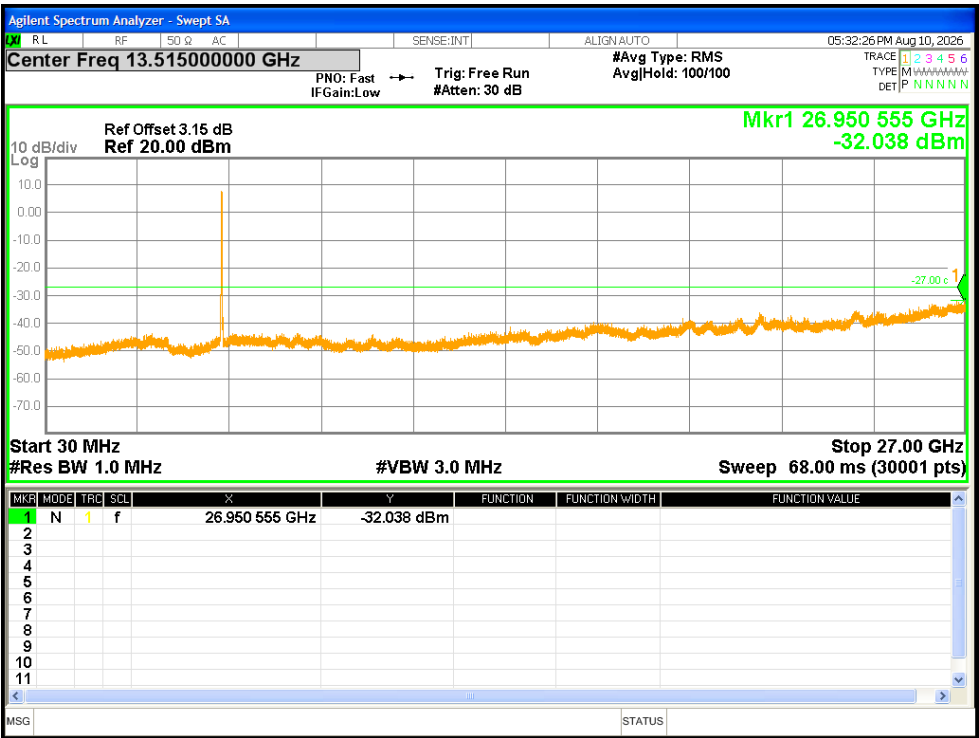
Tx. Spurious NVNT a 5785MHz Ant1 Emission



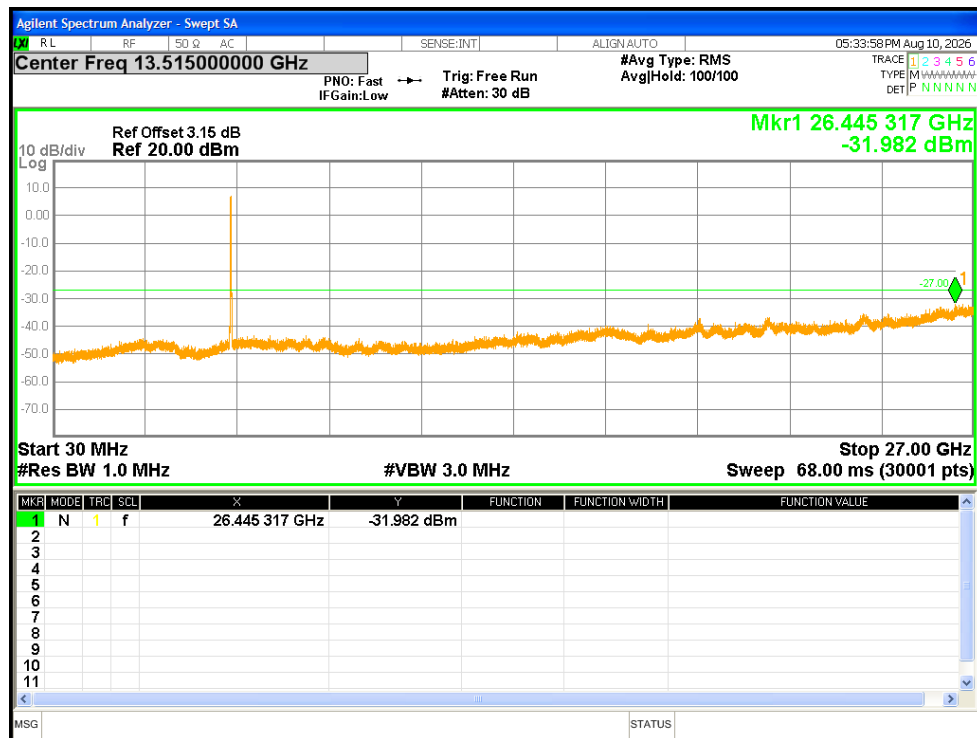
Tx. Spurious NVNT a 5825MHz Ant1 Emission



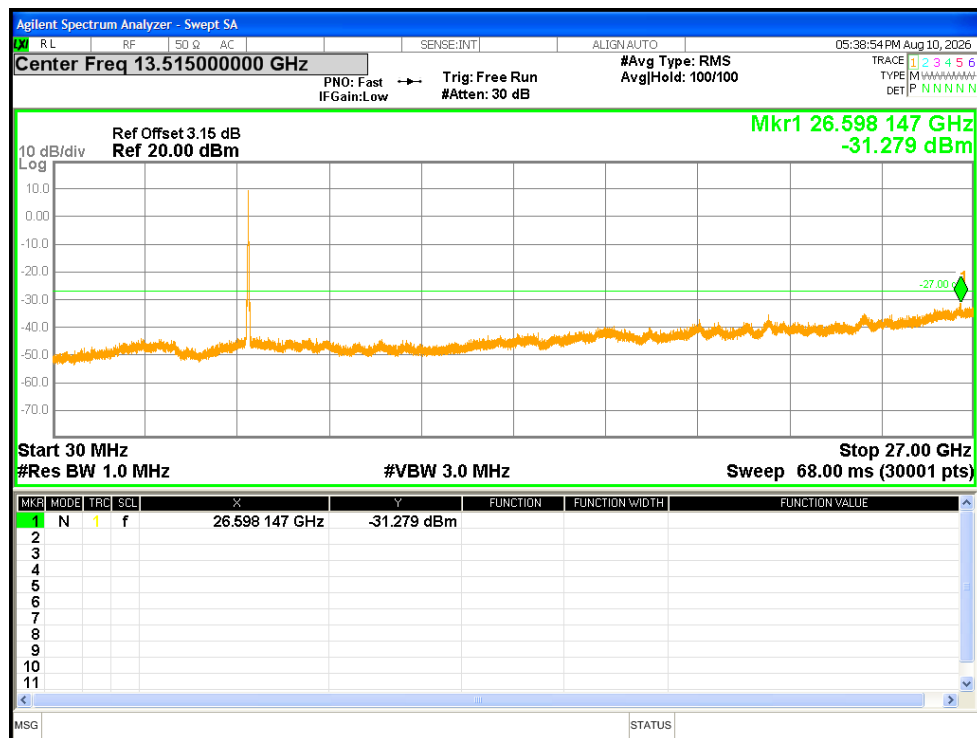
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



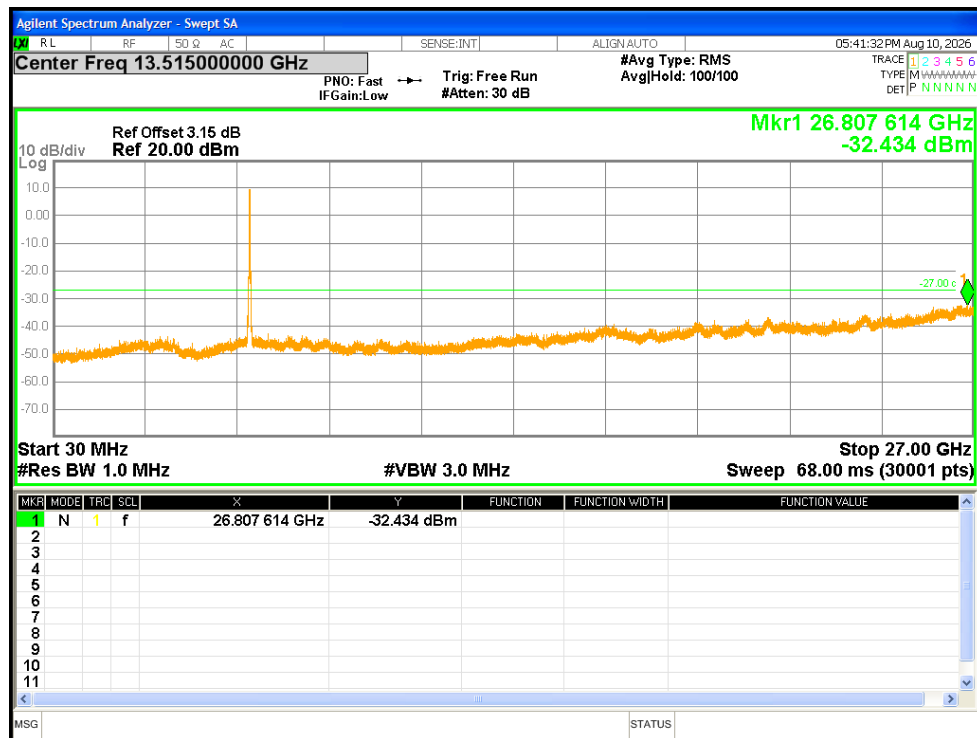
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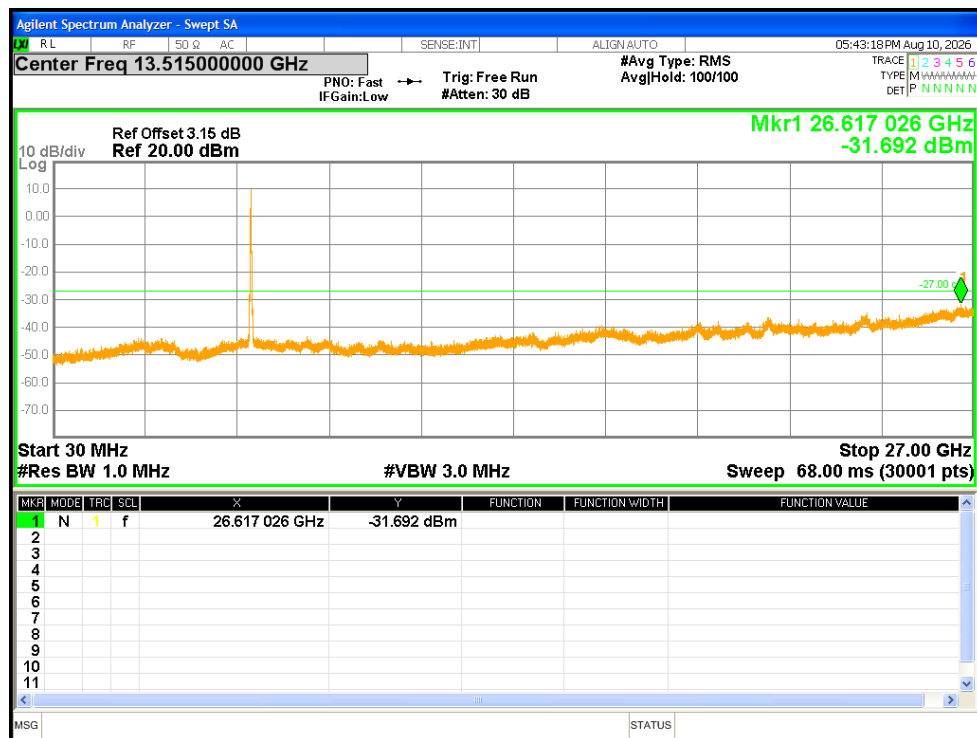
Tx. Spurious NVNT n20 5240MHz Ant1 Emission



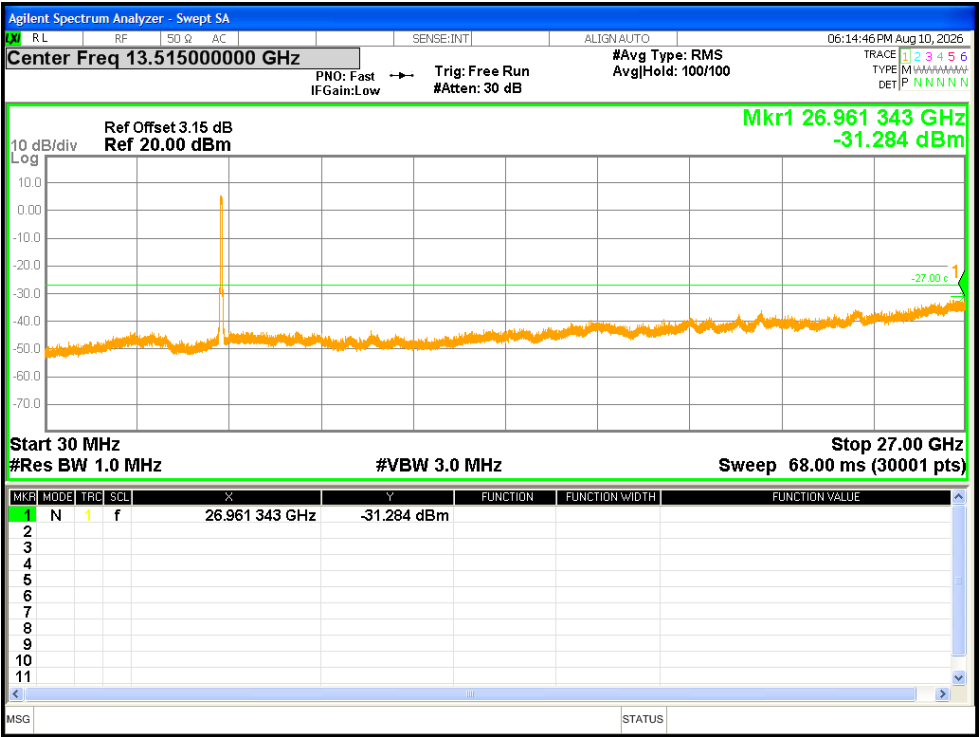
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



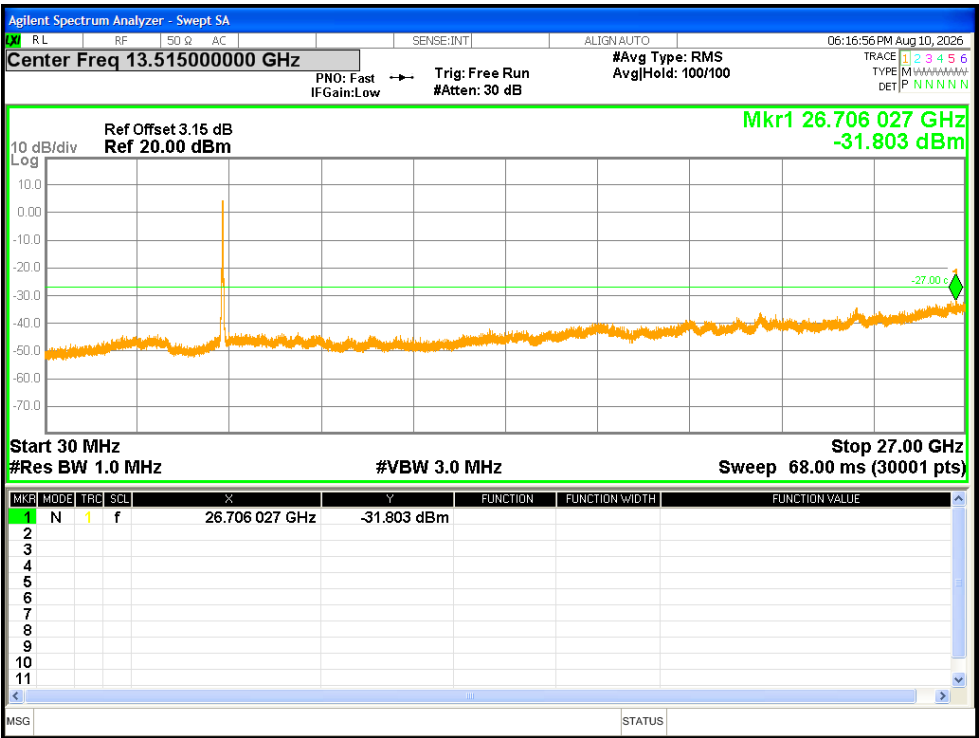
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



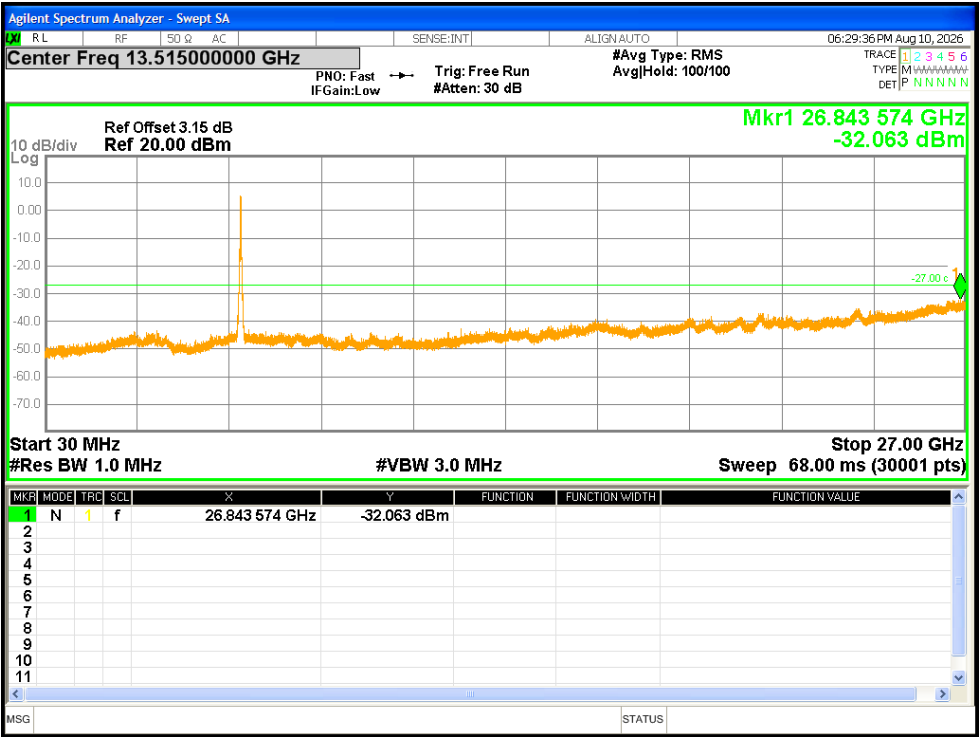
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



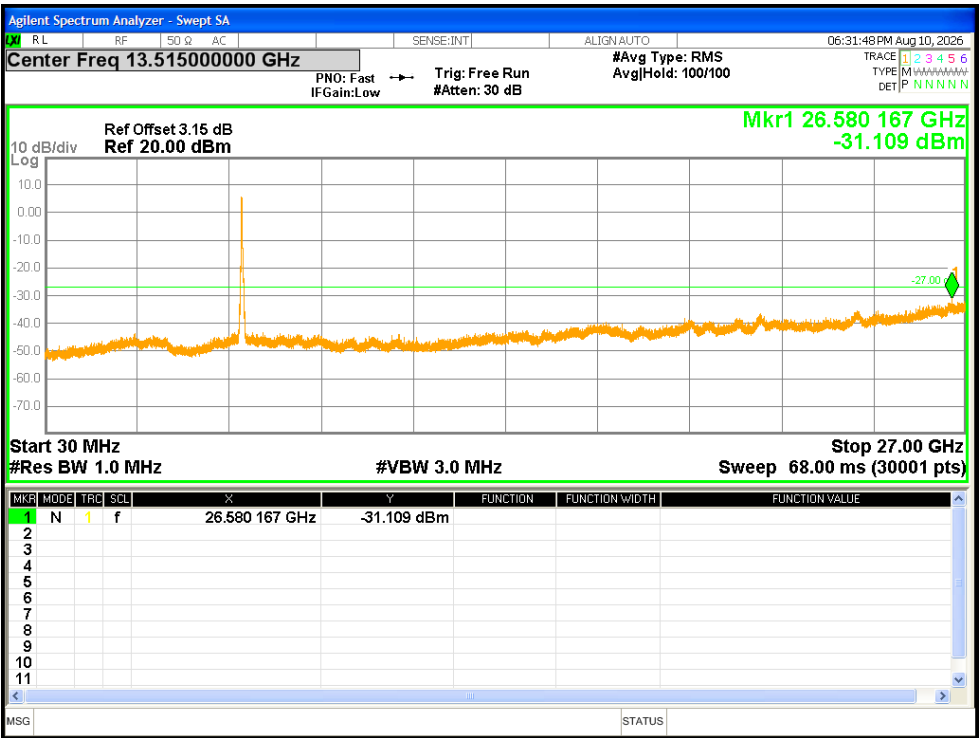
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



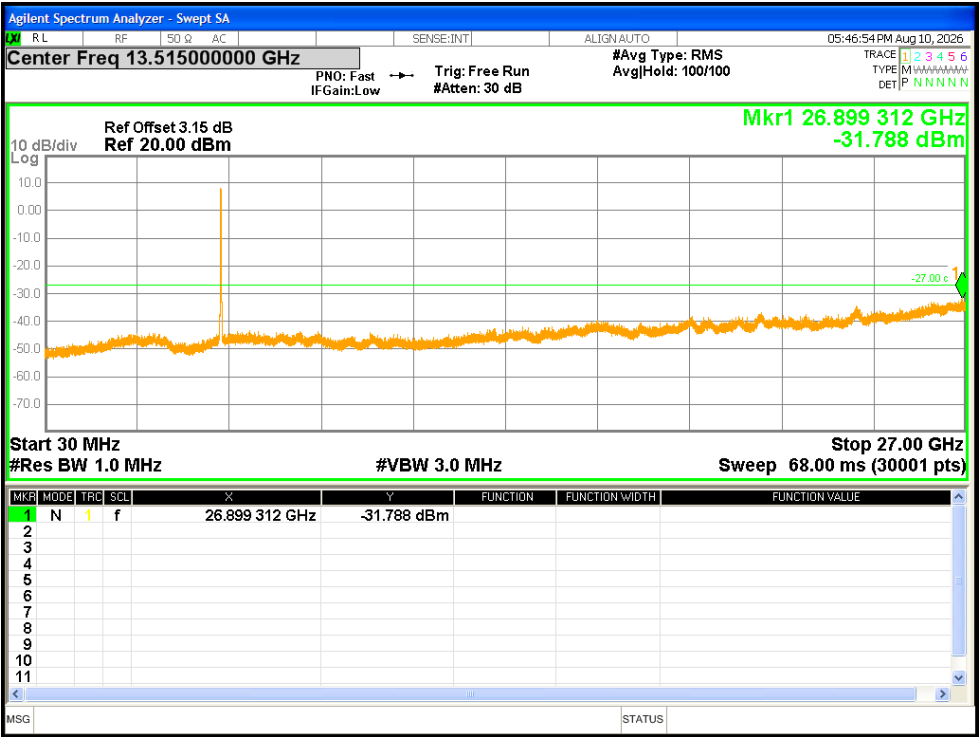
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



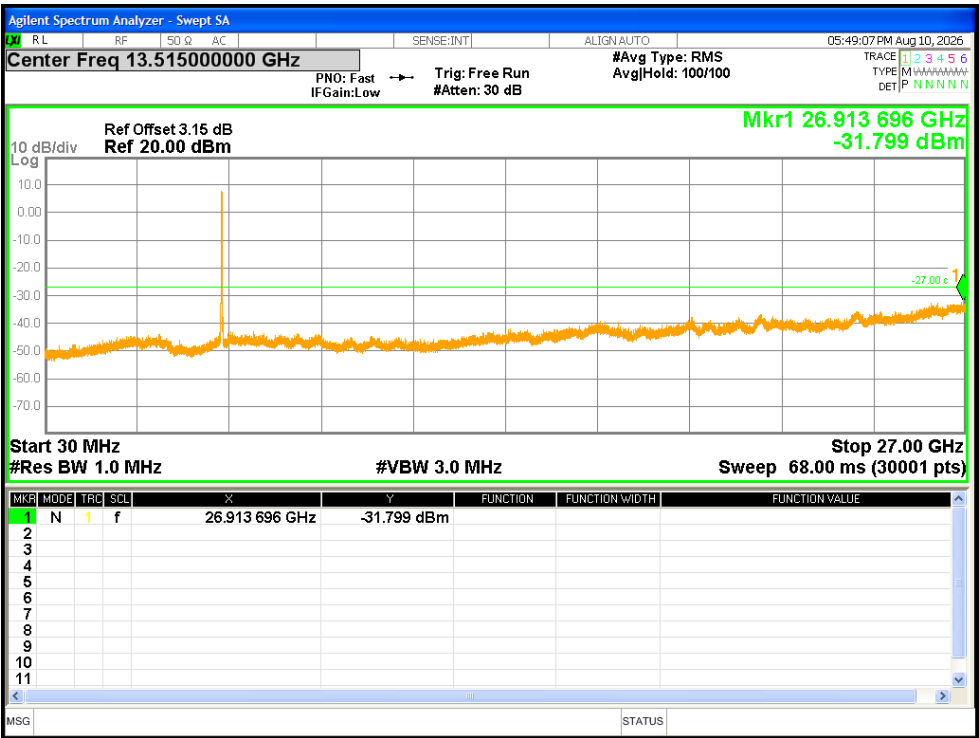
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



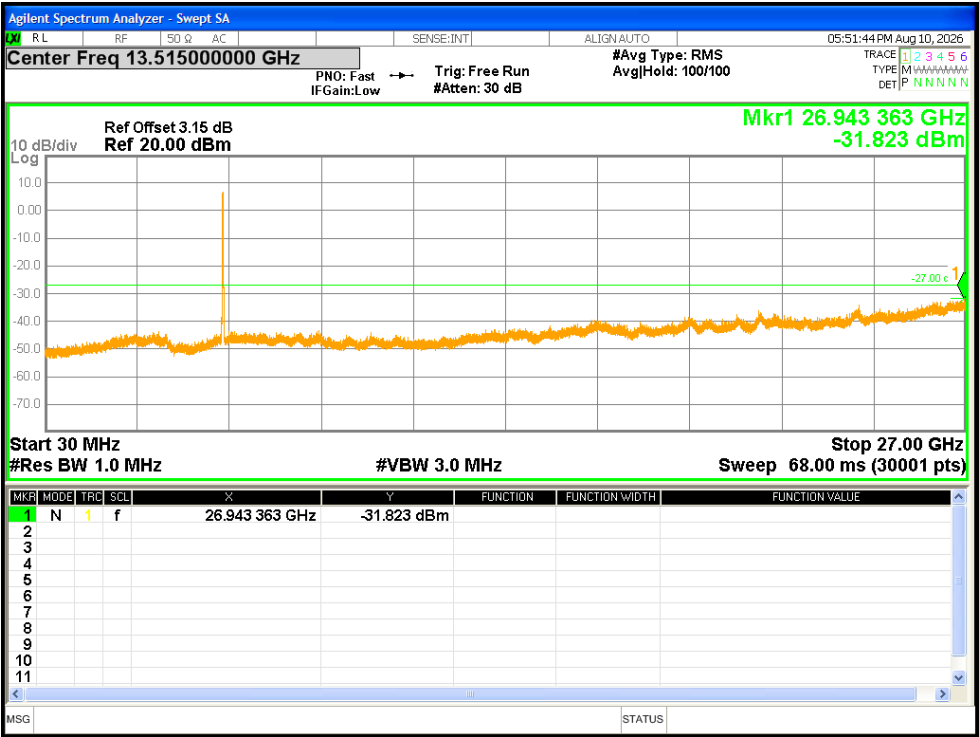
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



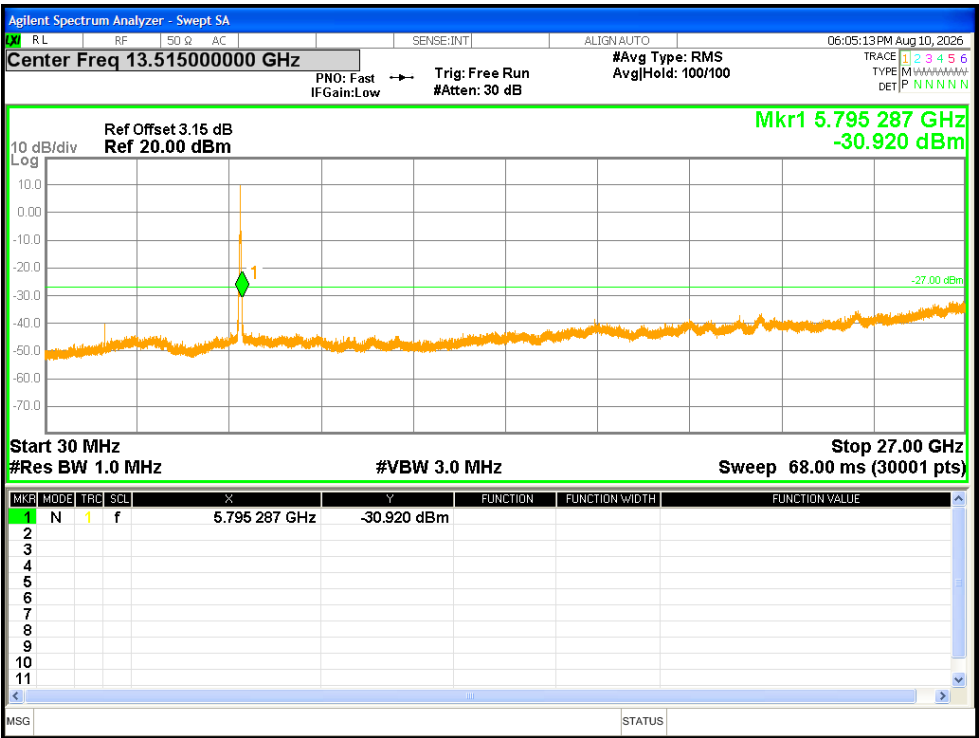
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



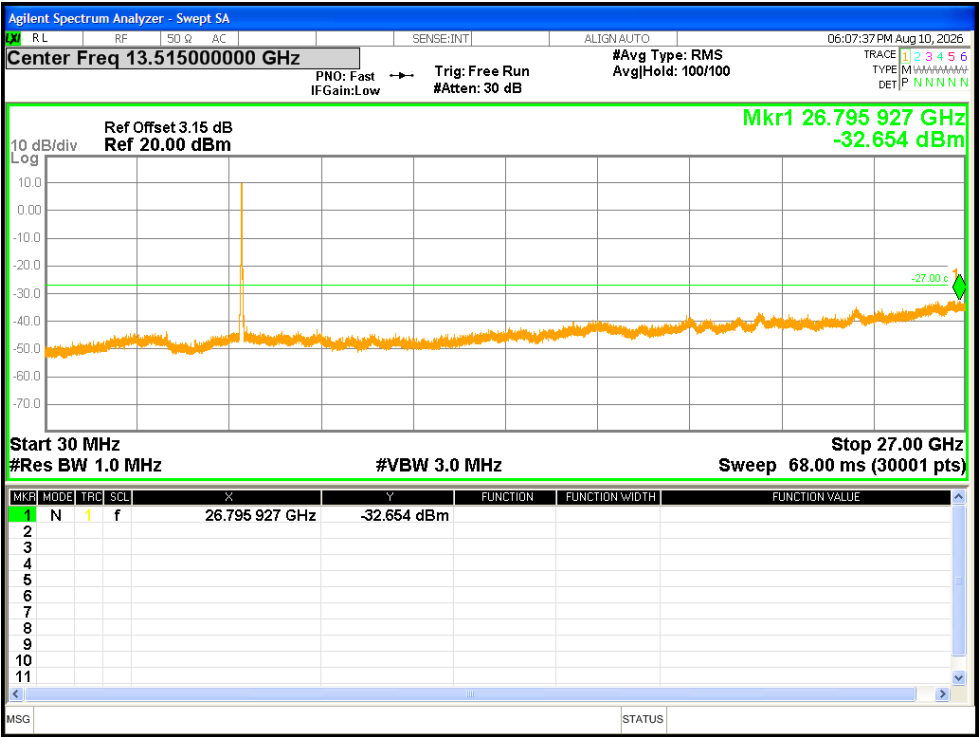
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



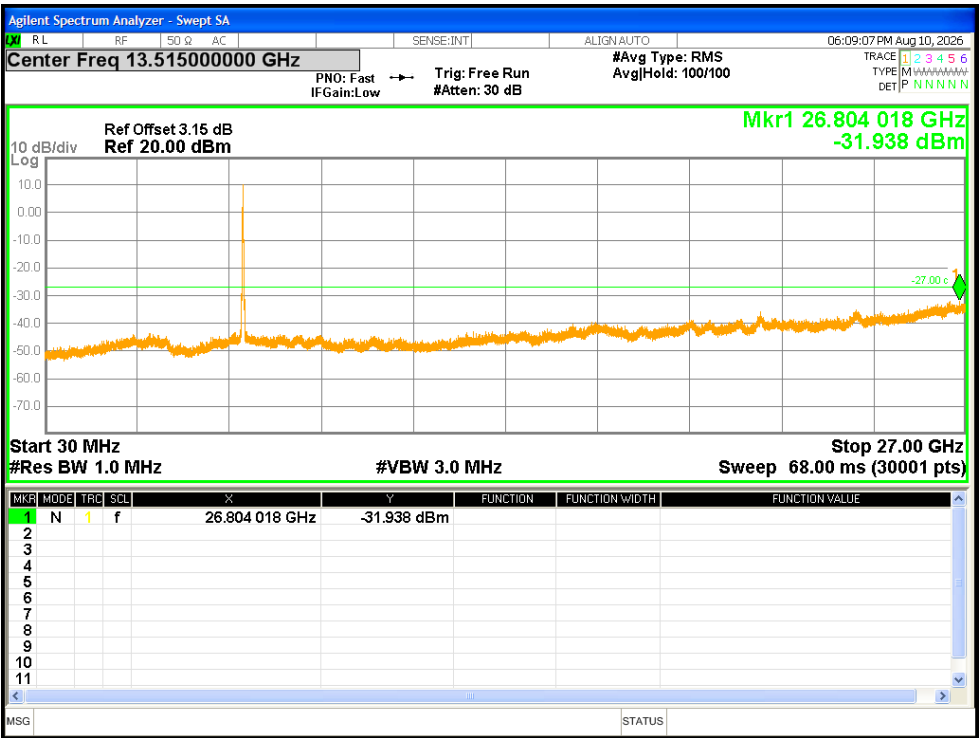
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



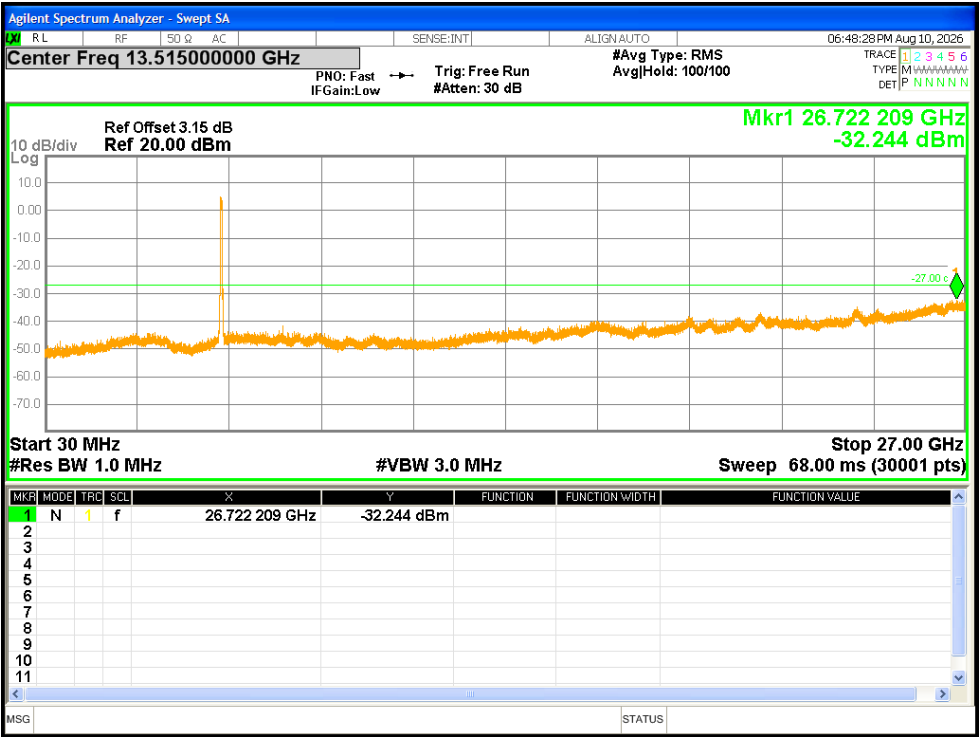
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



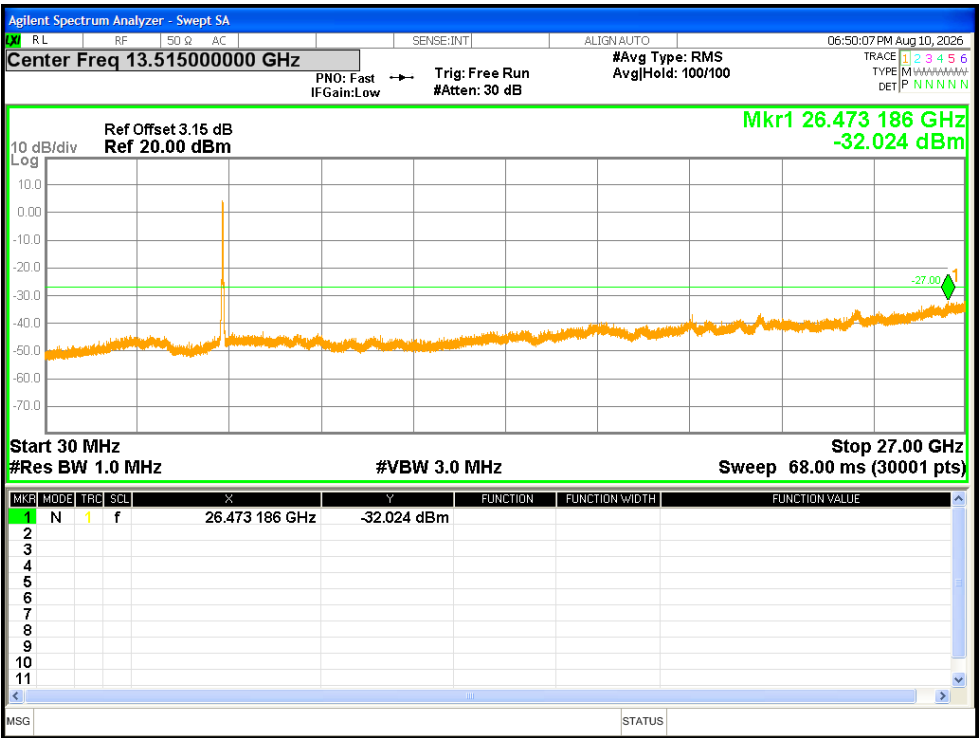
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



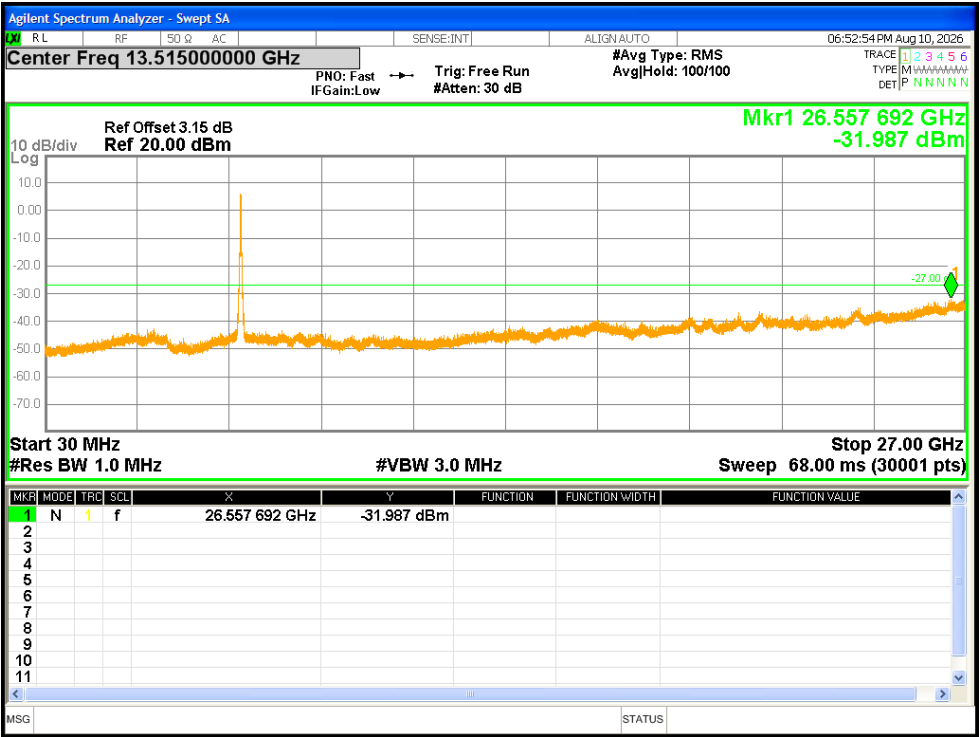
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



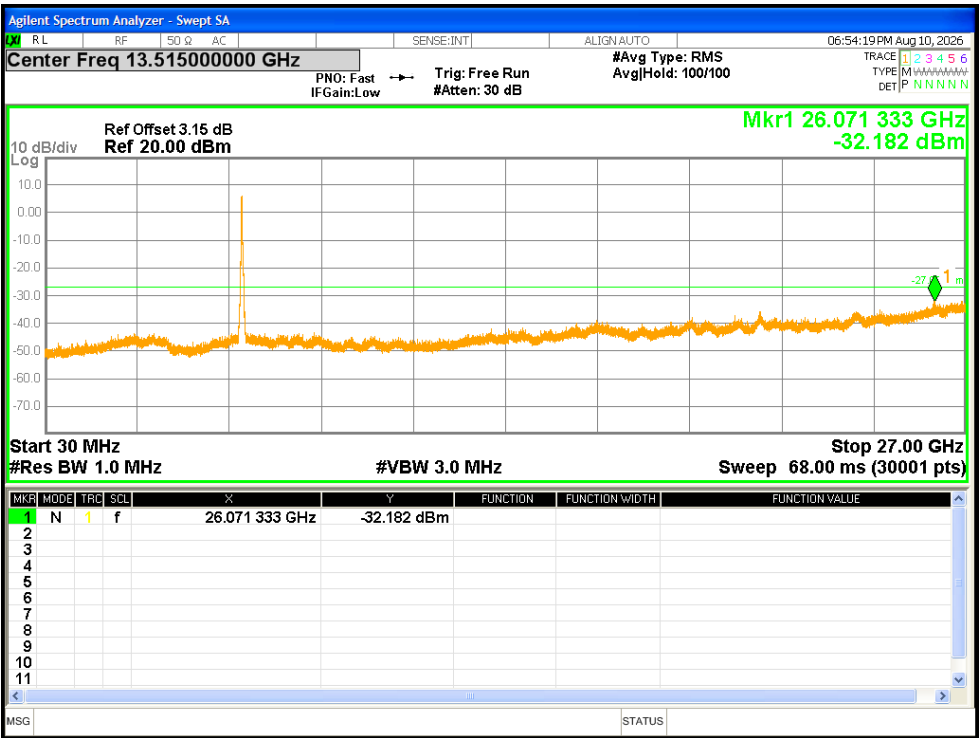
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



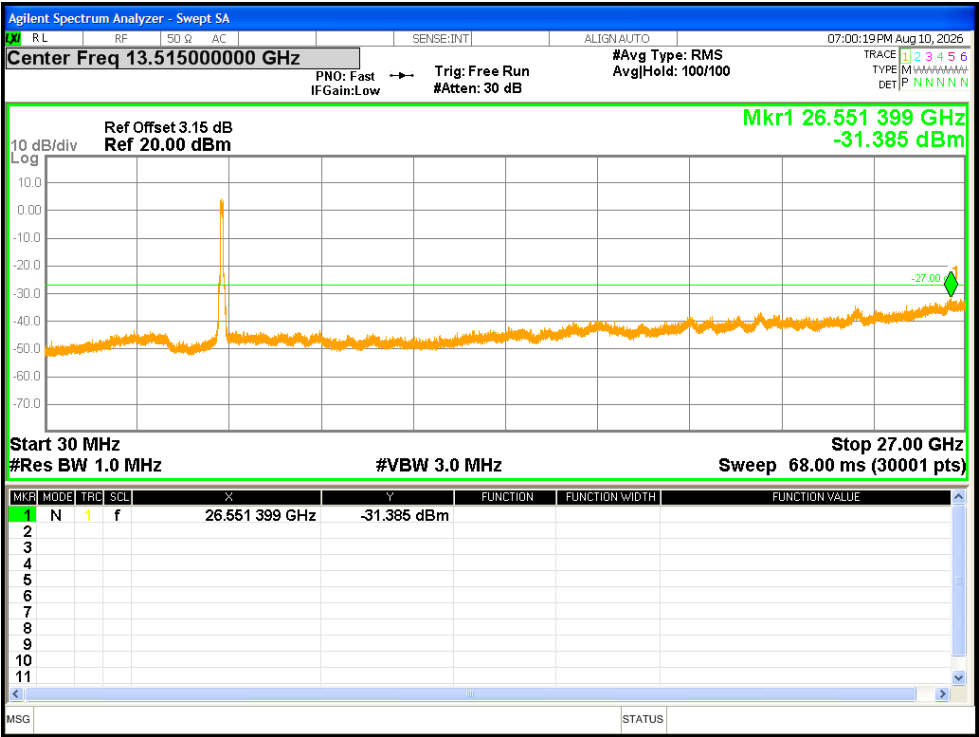
Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



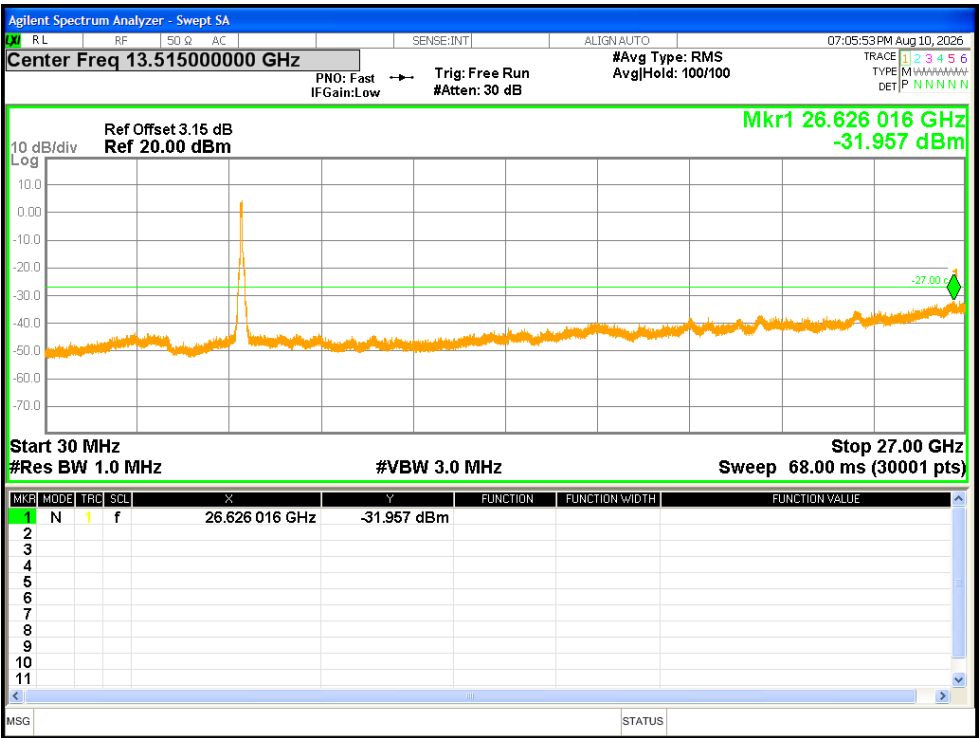
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



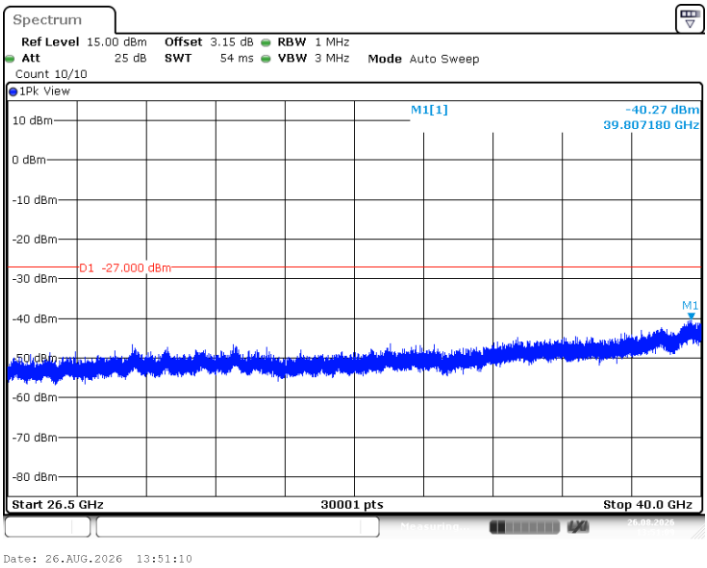
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



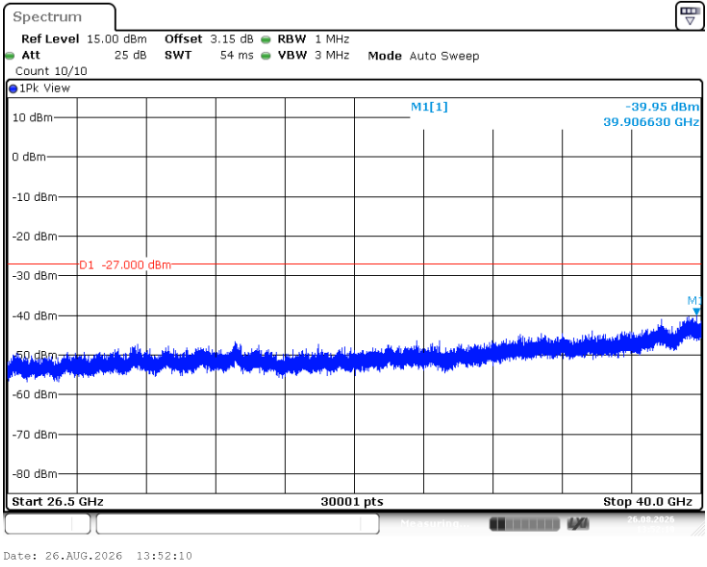
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



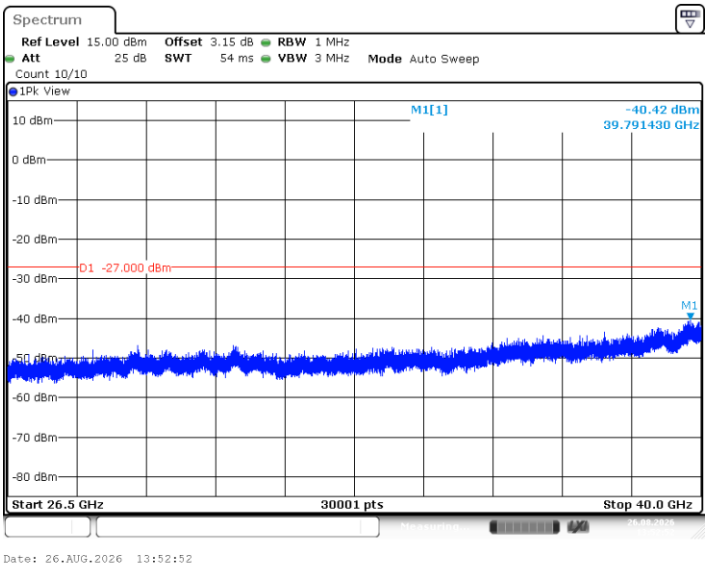
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



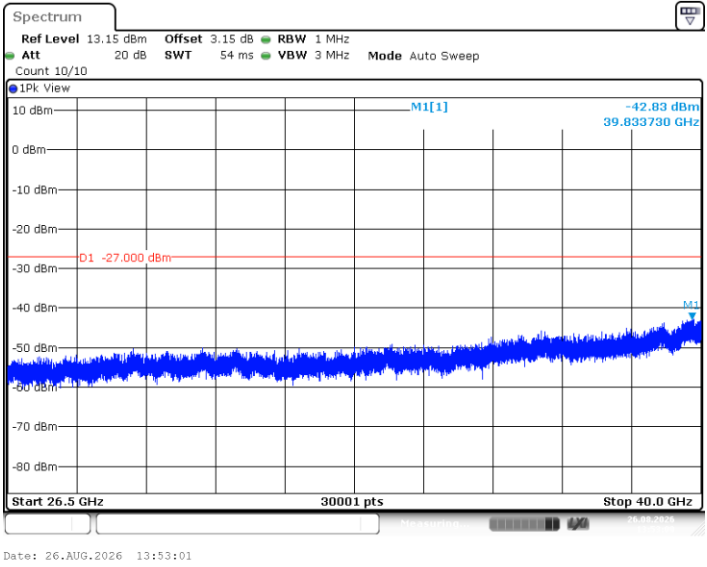
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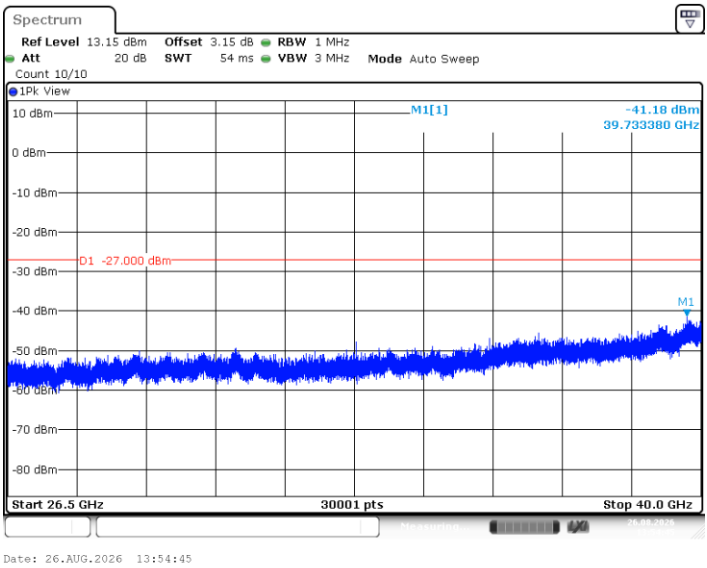
11A_Ant1_5240_26500~40000



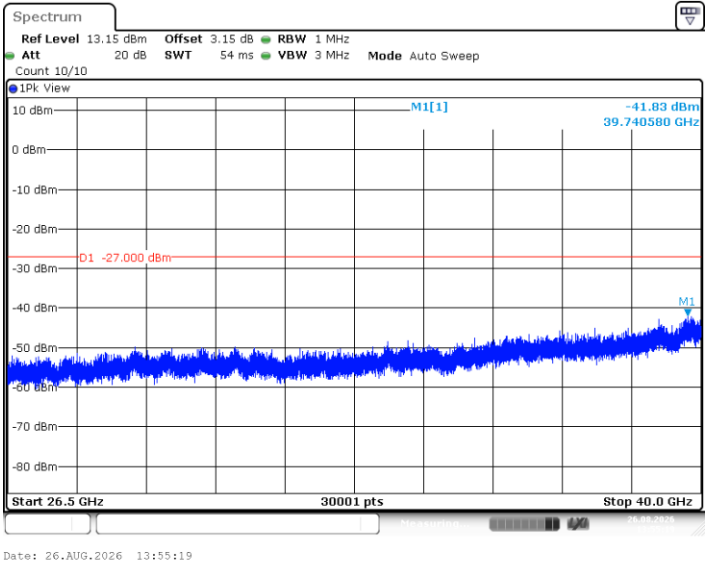
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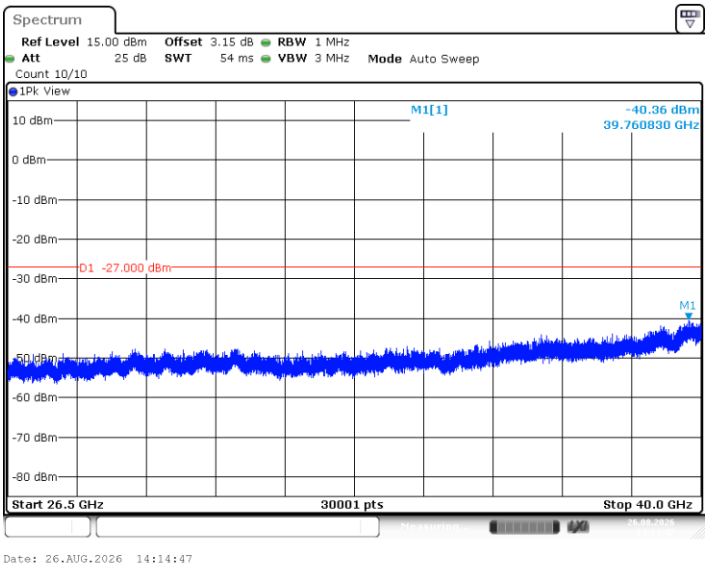
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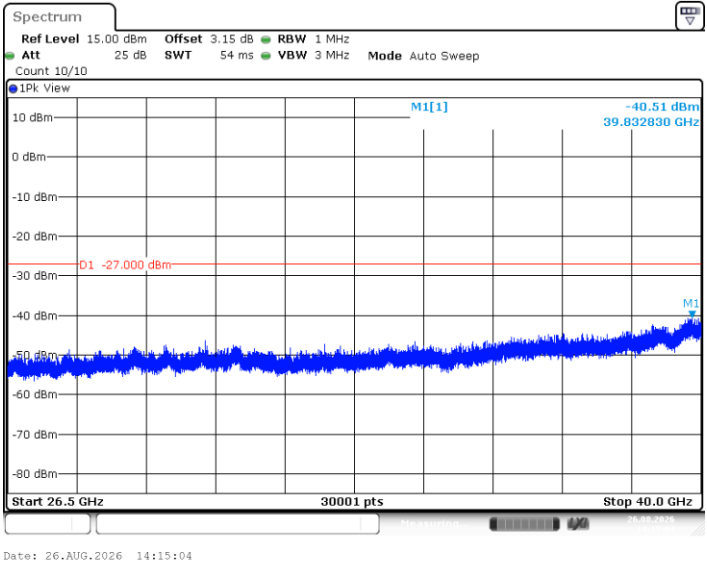
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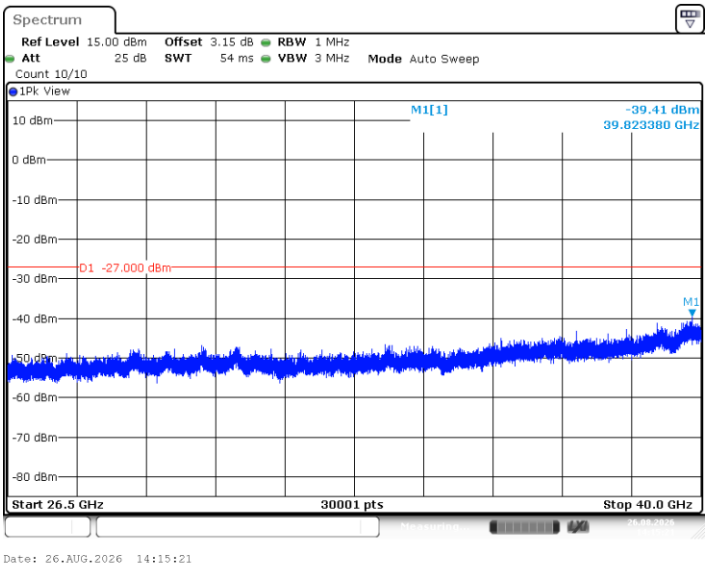
11N20SISO_Ant1_5180_26500~40000



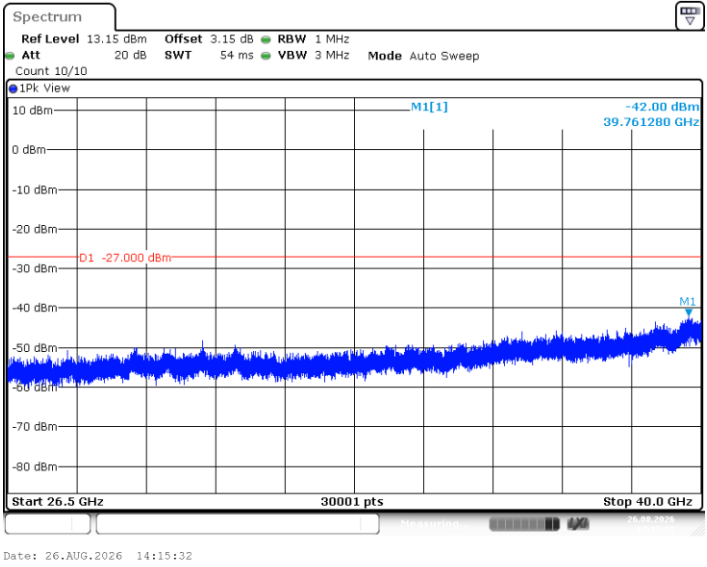
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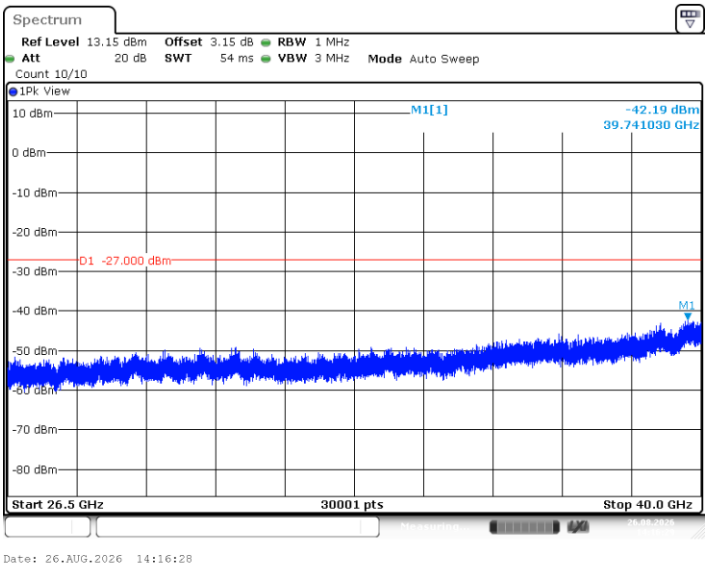
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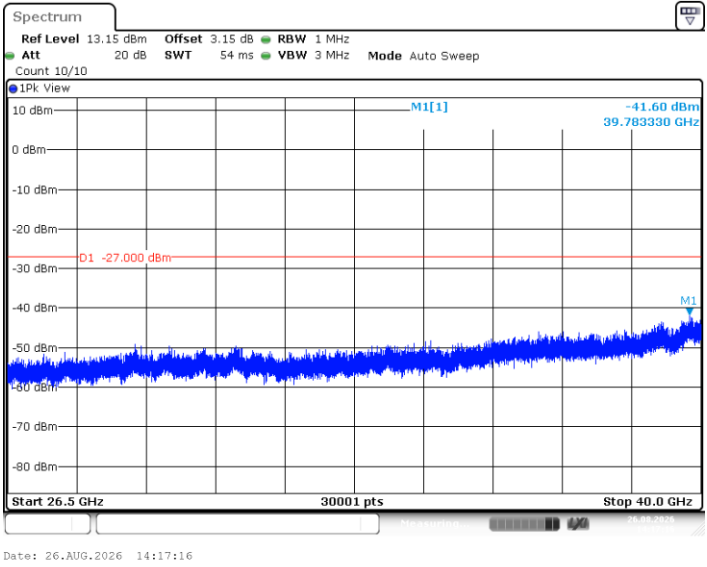
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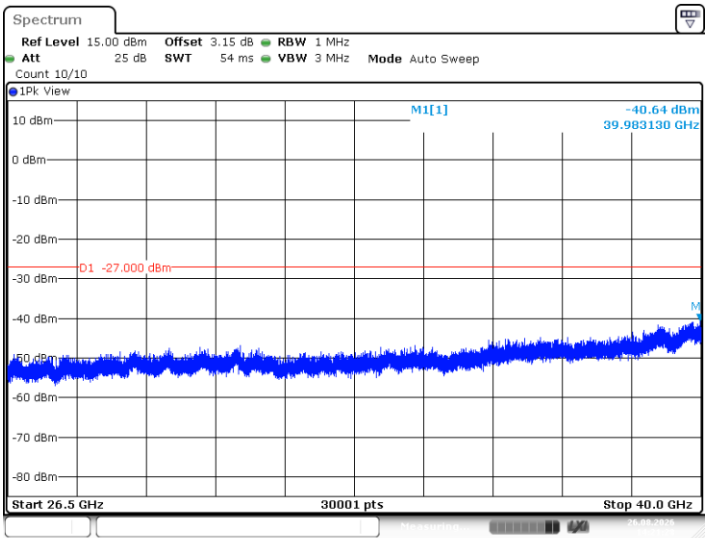
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11N20SISO_Ant1_5825_26500~40000

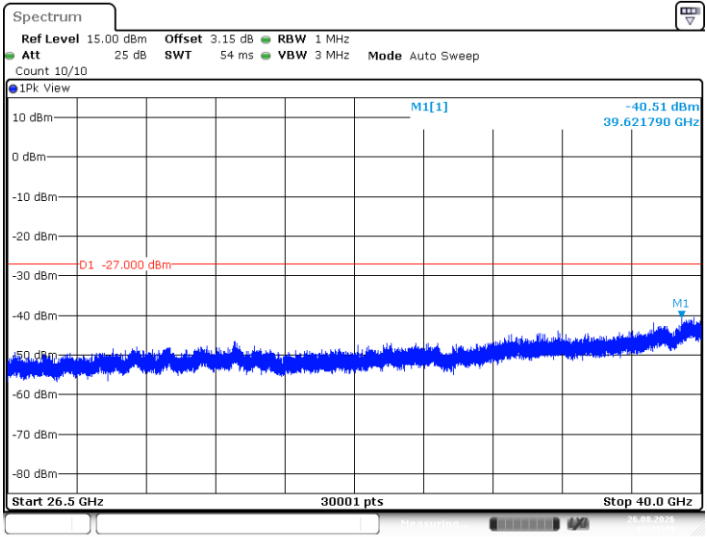


11N40SISO_Ant1_5190_26500~40000



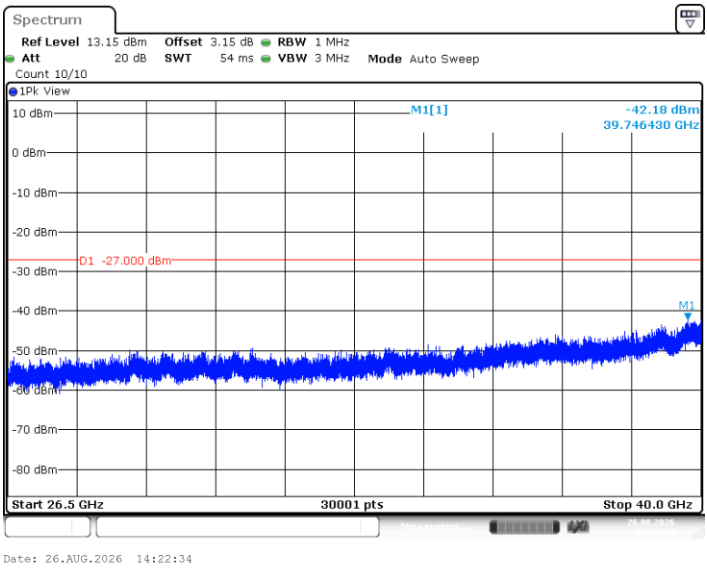
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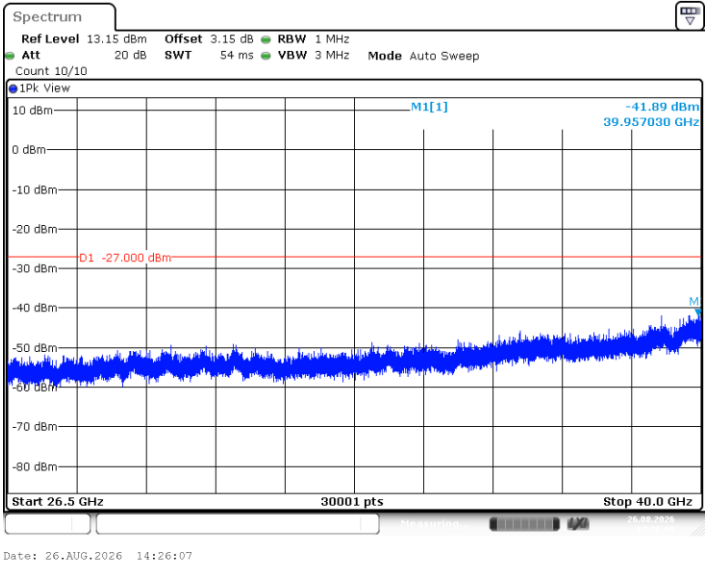


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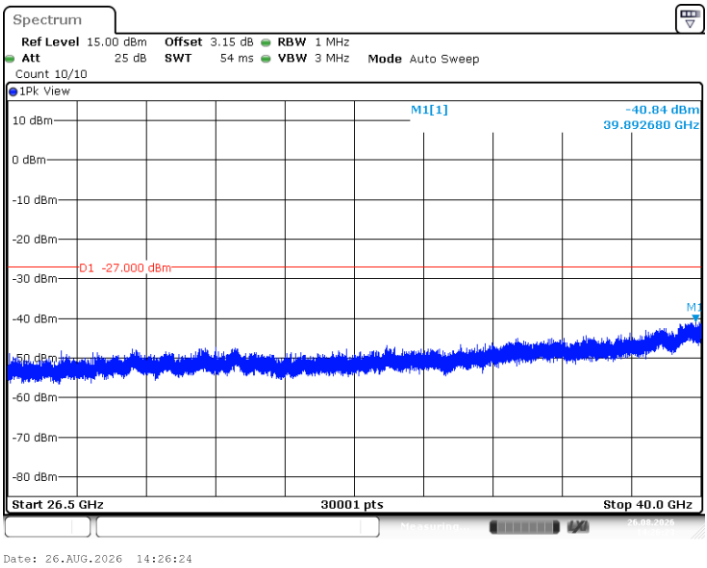
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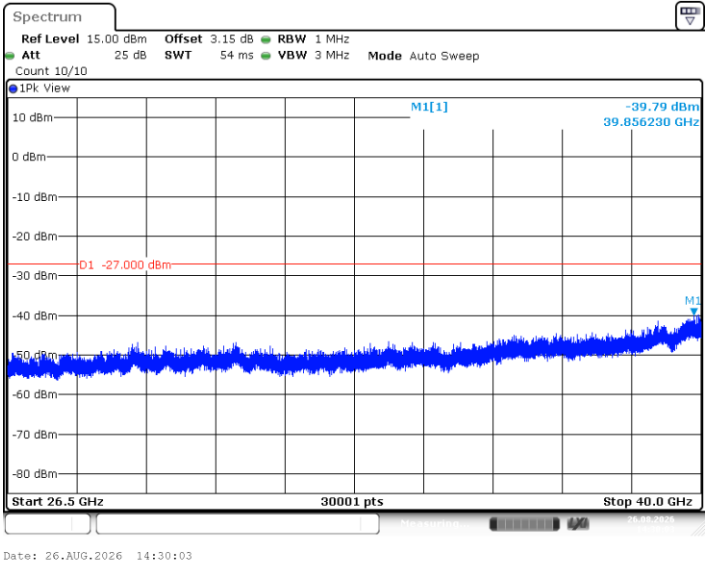
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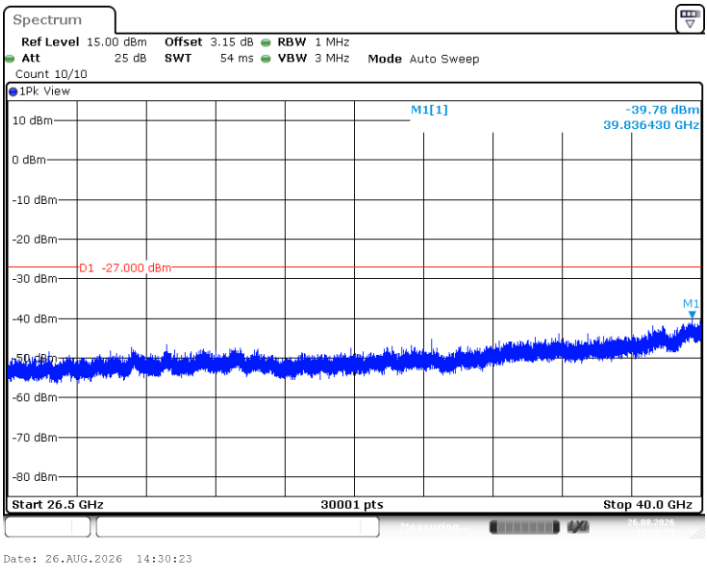
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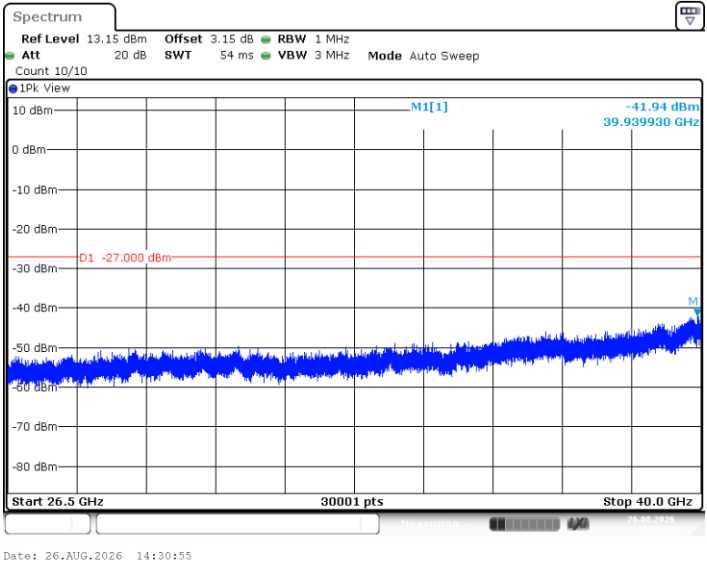
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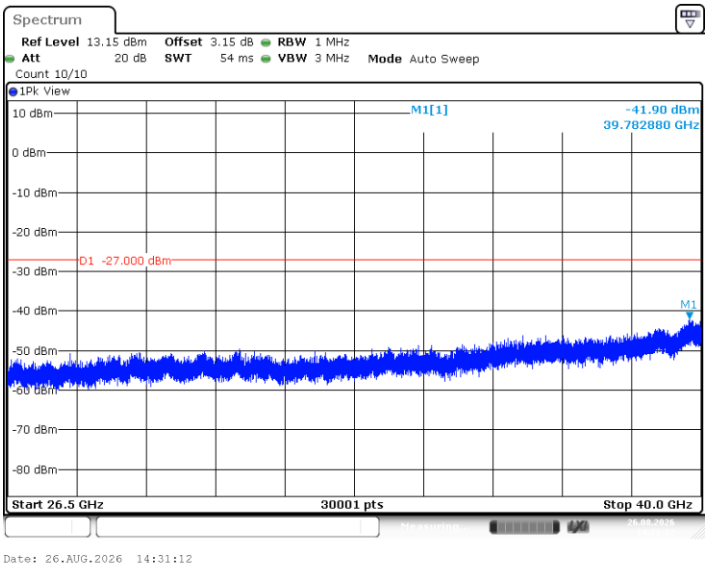
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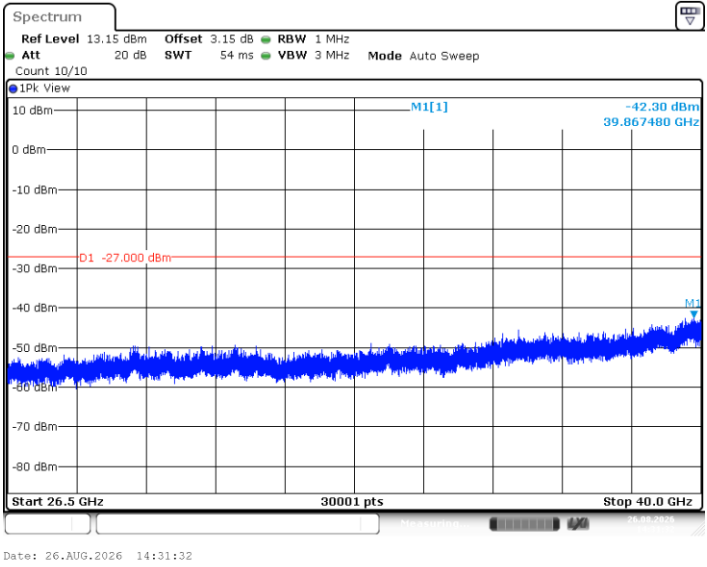
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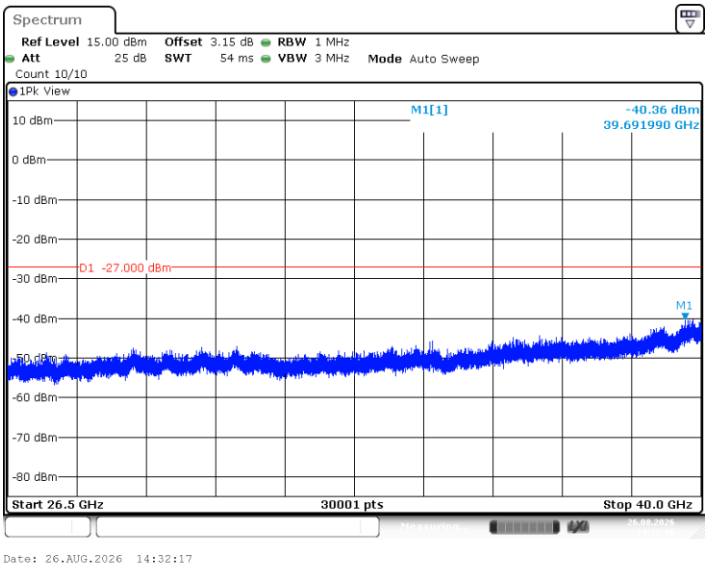
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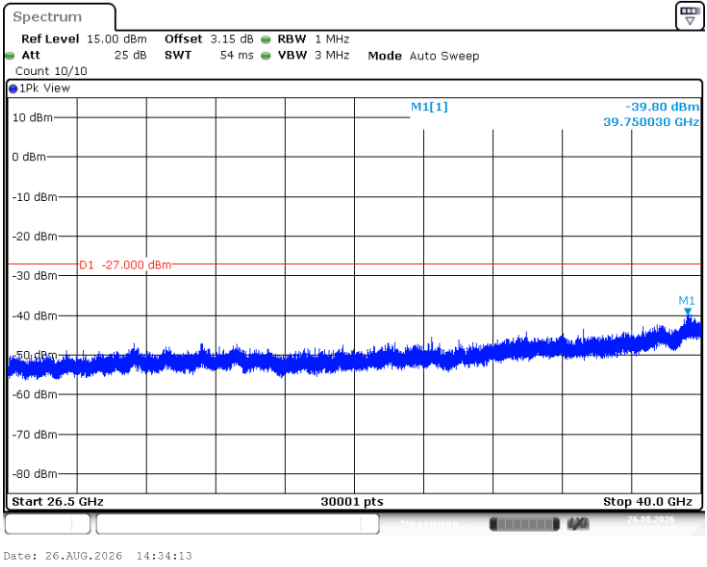
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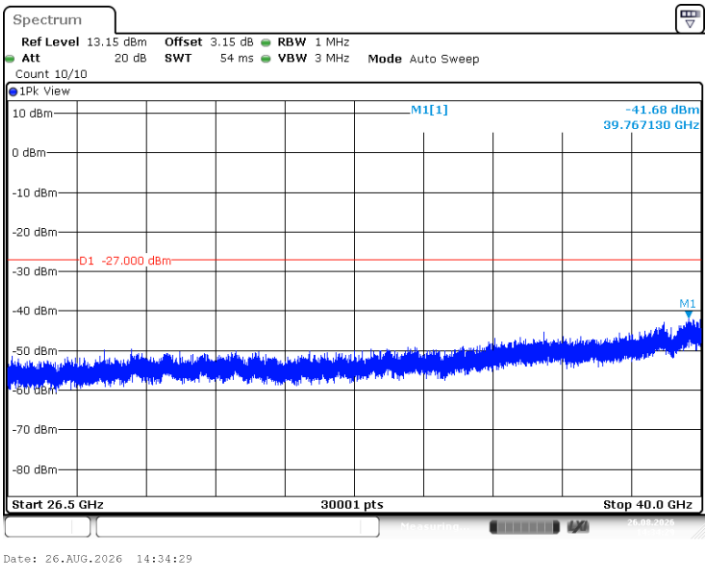
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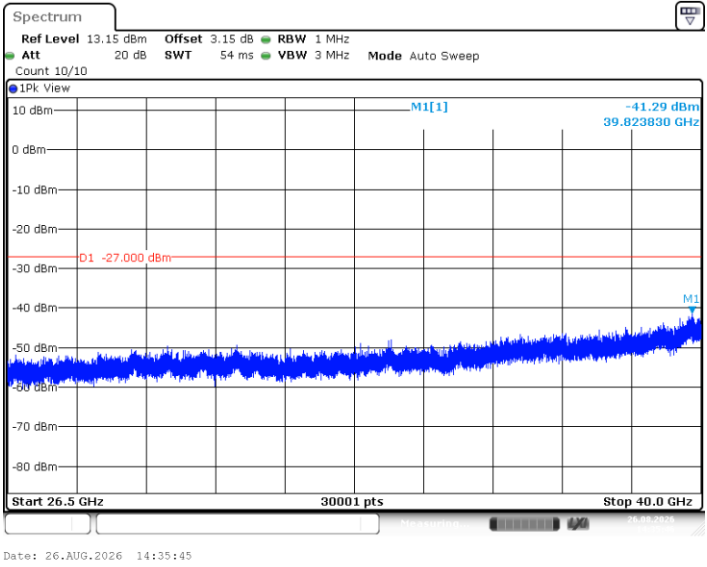
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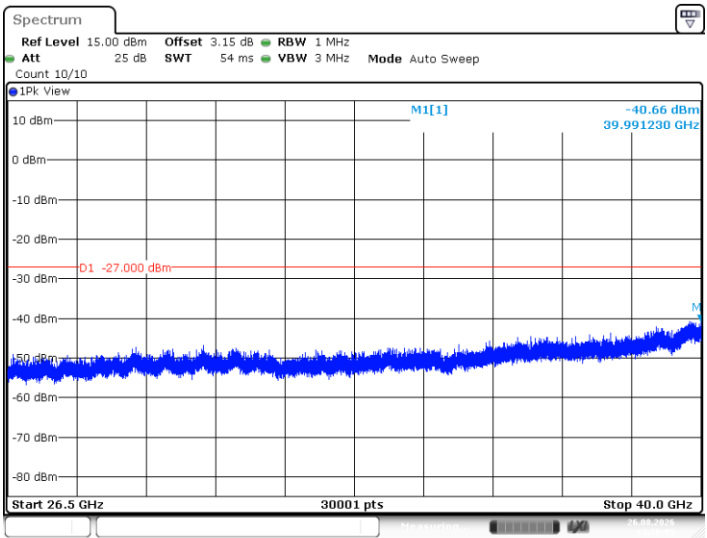
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11AC40SISO_Ant1_5795_26500~40000

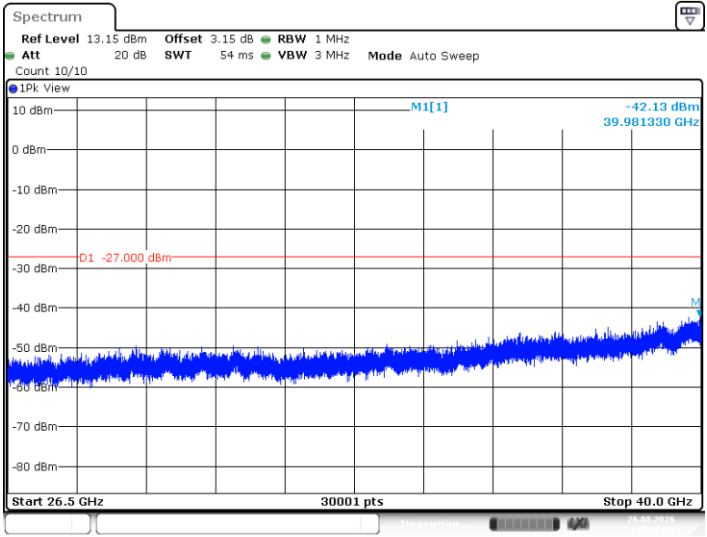


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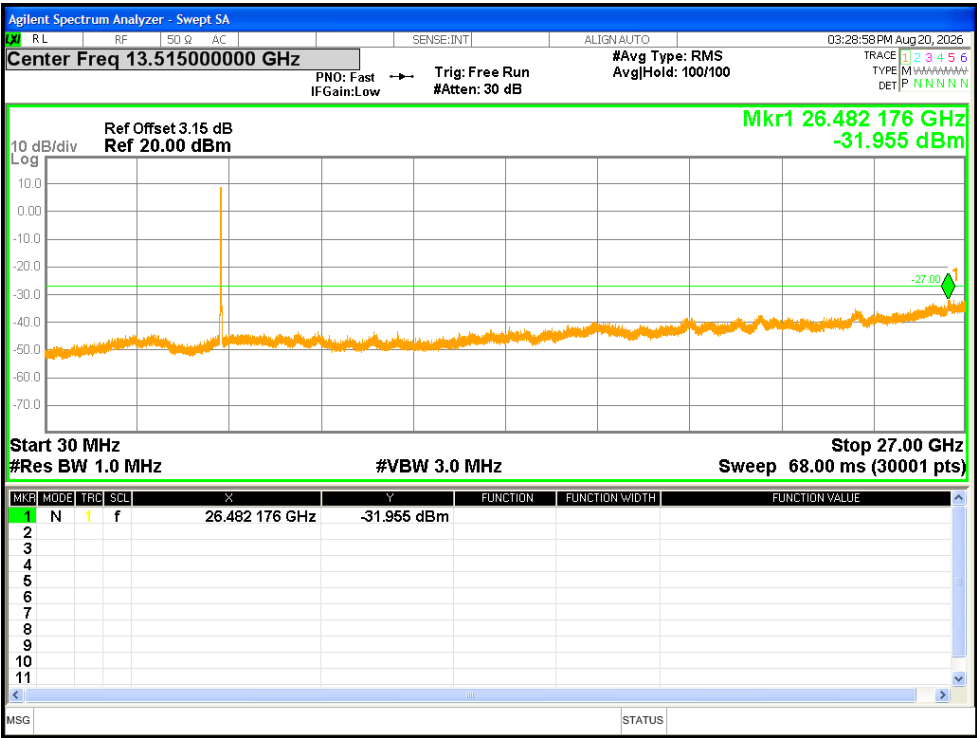
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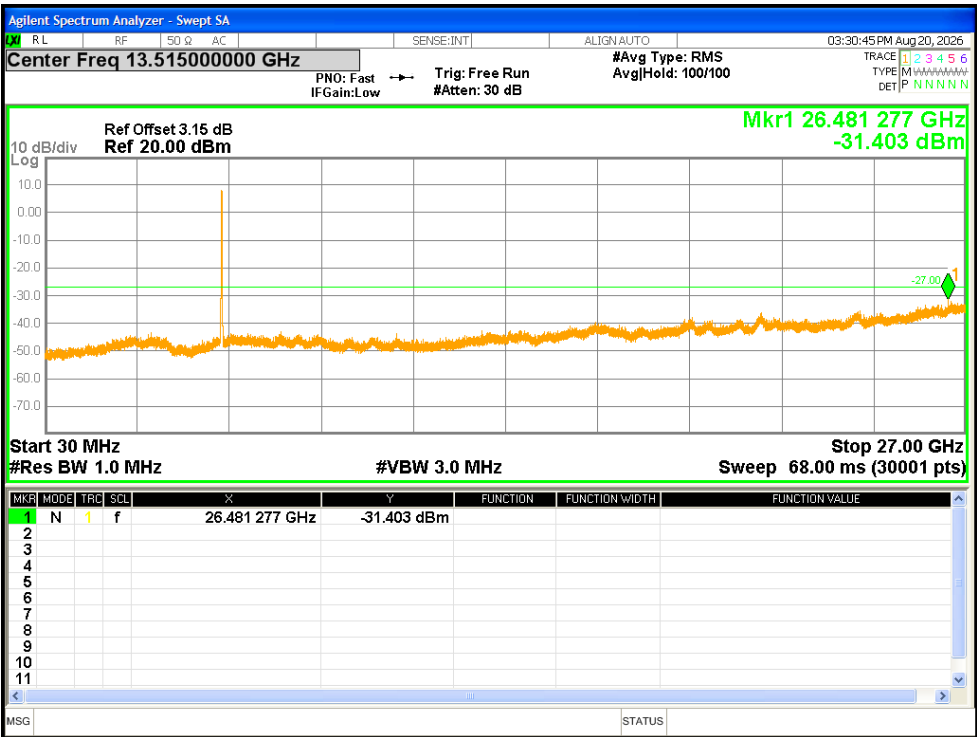


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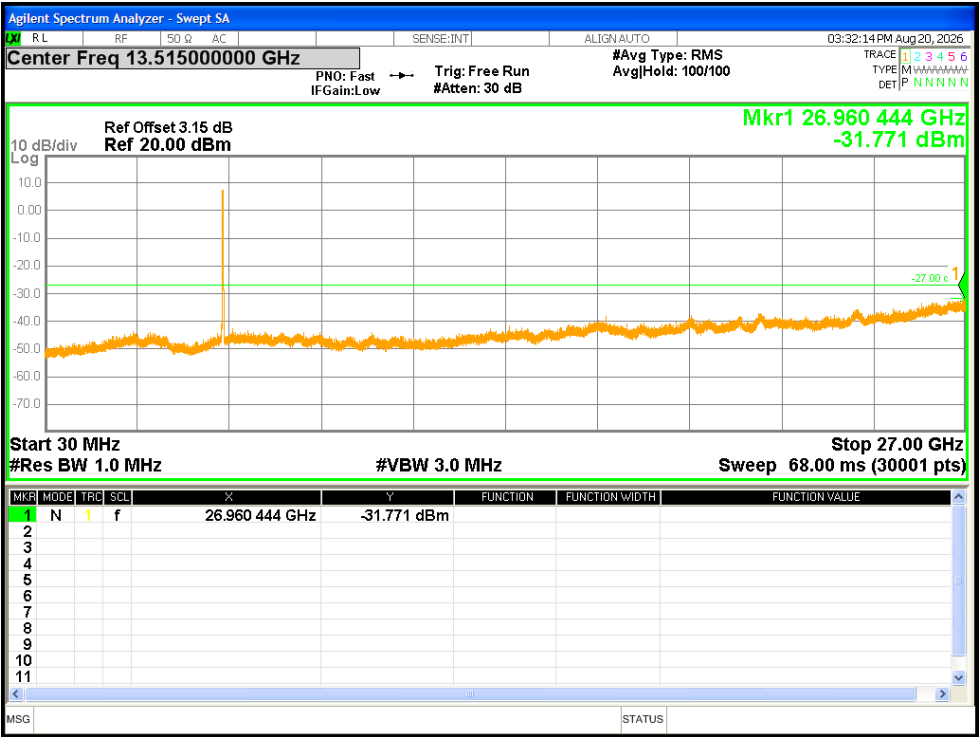
ANT2



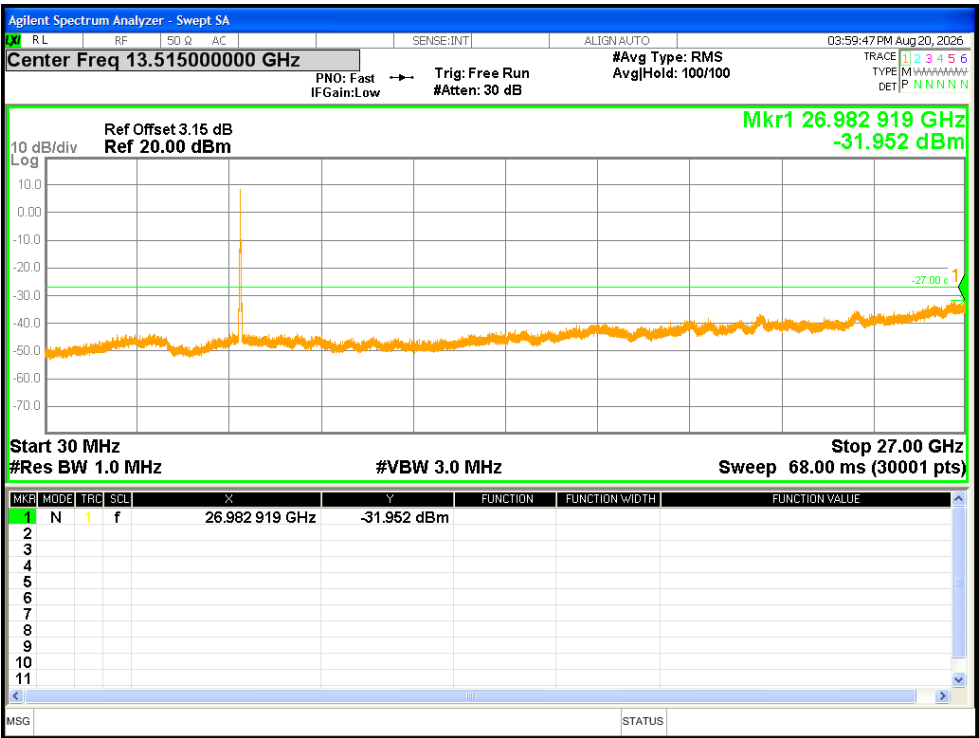
Tx. Spurious NVNT a 5180MHz Ant2 Emission



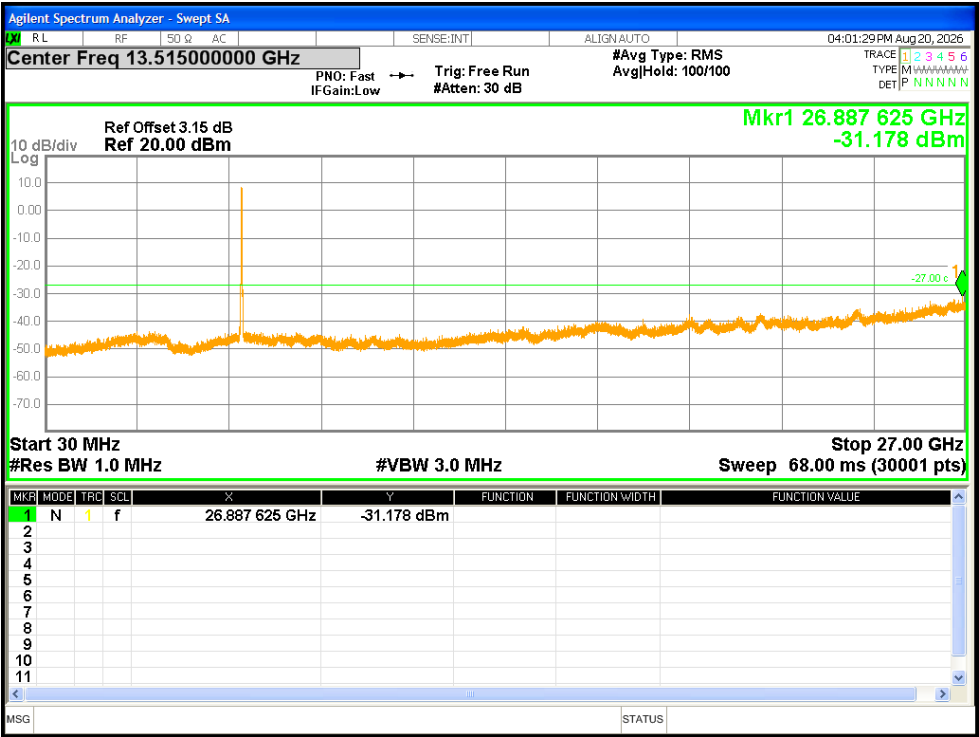
Tx. Spurious NVNT a 5200MHz Ant2 Emission



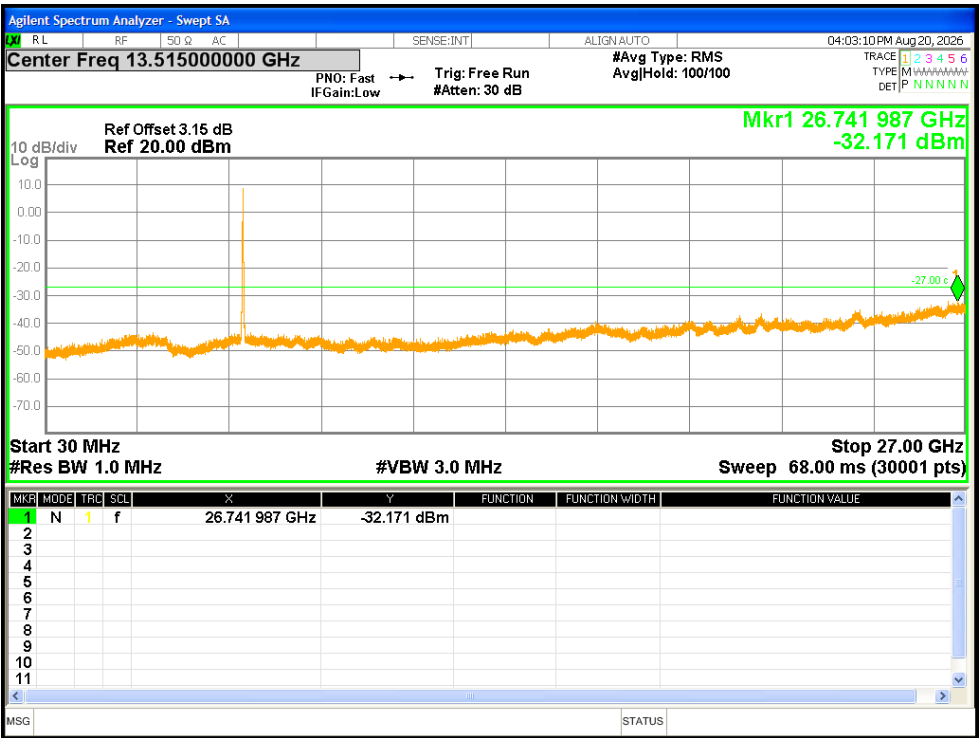
Tx. Spurious NVNT a 5240MHz Ant2 Emission



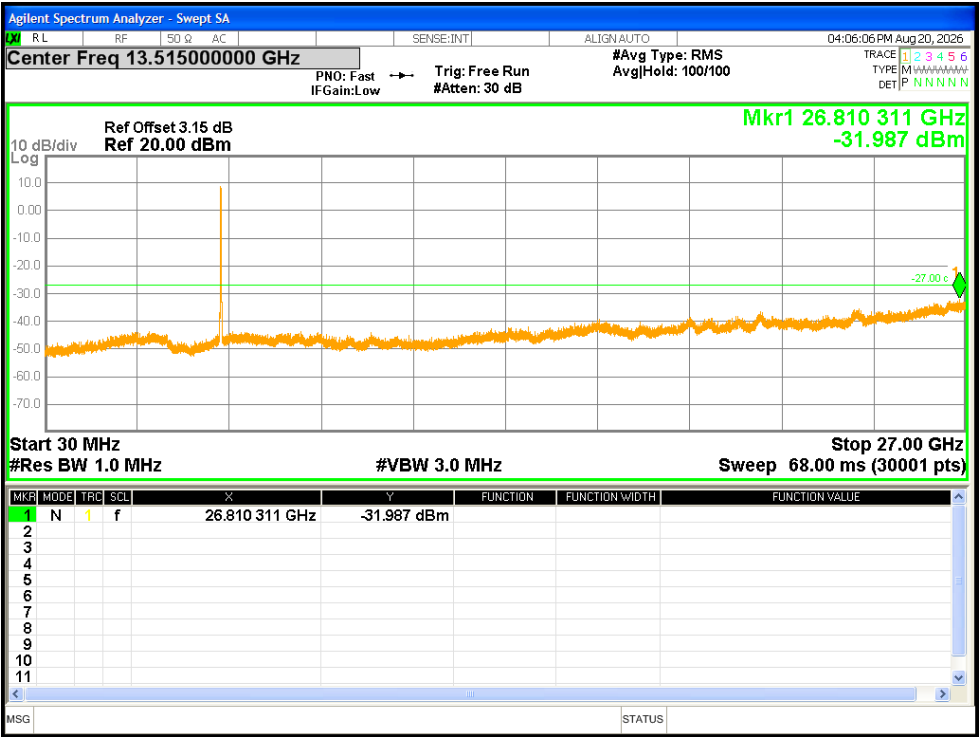
Tx. Spurious NVNT a 5745MHz Ant2 Emission



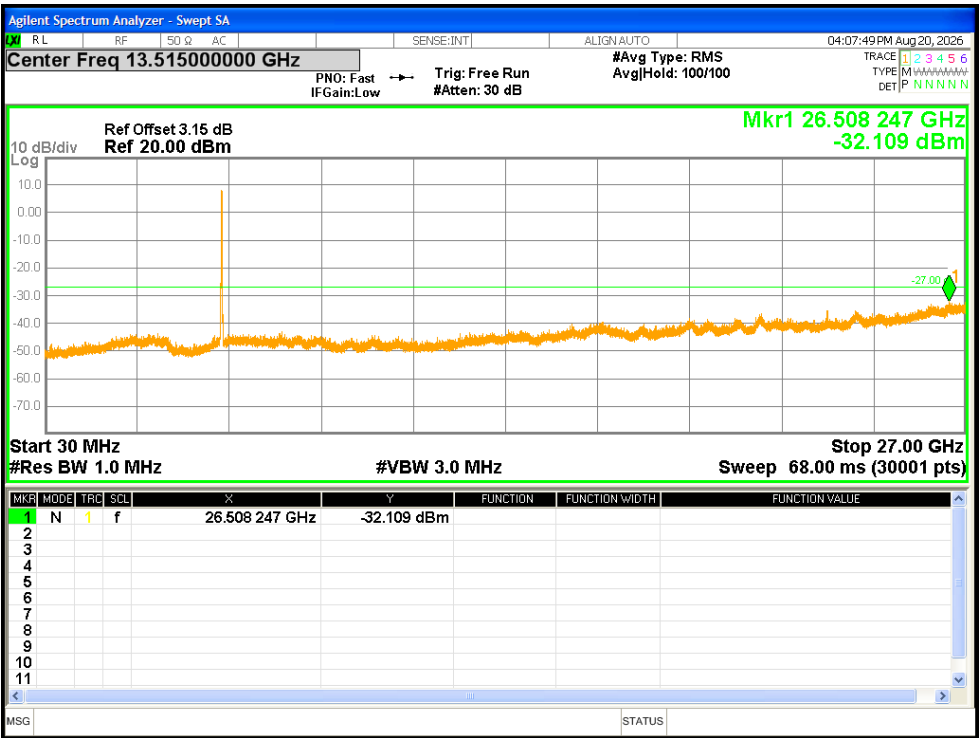
Tx. Spurious NVNT a 5785MHz Ant2 Emission



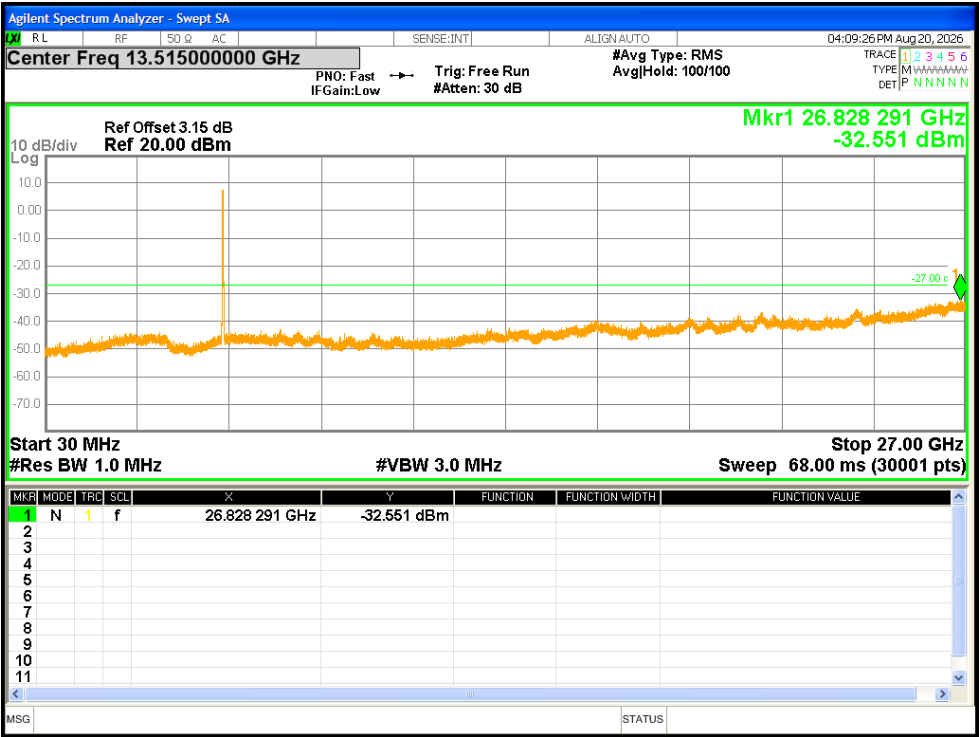
Tx. Spurious NVNT a 5825MHz Ant2 Emission



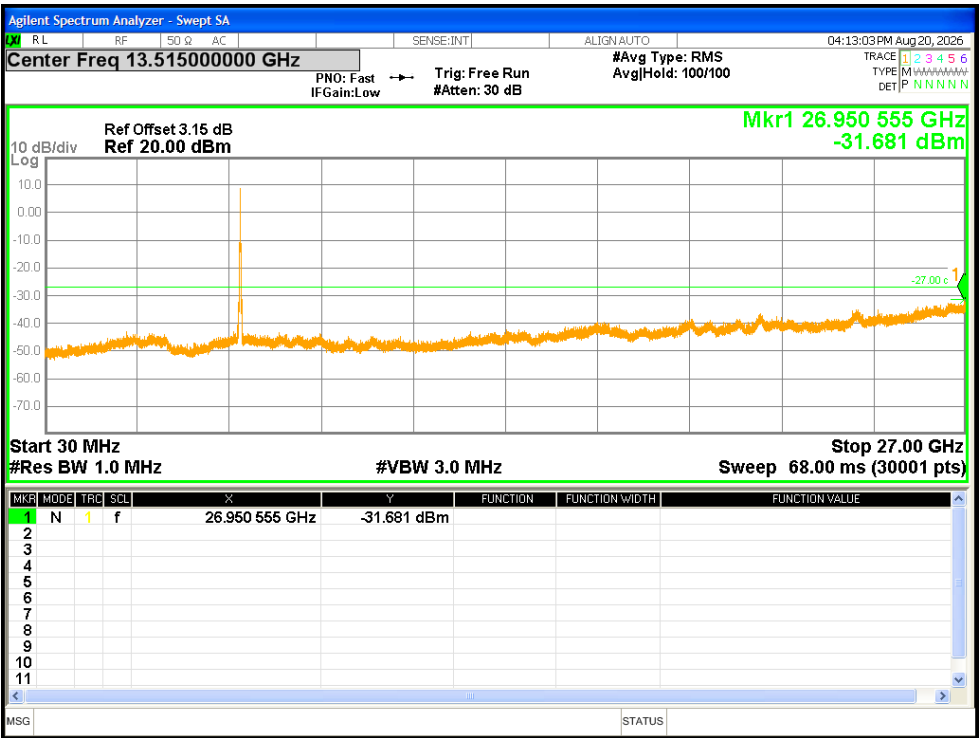
Tx. Spurious NVNT n20 5180MHz Ant2 Emission



Tx. Spurious NVNT n20 5200MHz Ant2 Emission



Tx. Spurious NVNT n20 5240MHz Ant2 Emission



Tx. Spurious NVNT n20 5745MHz Ant2 Emission