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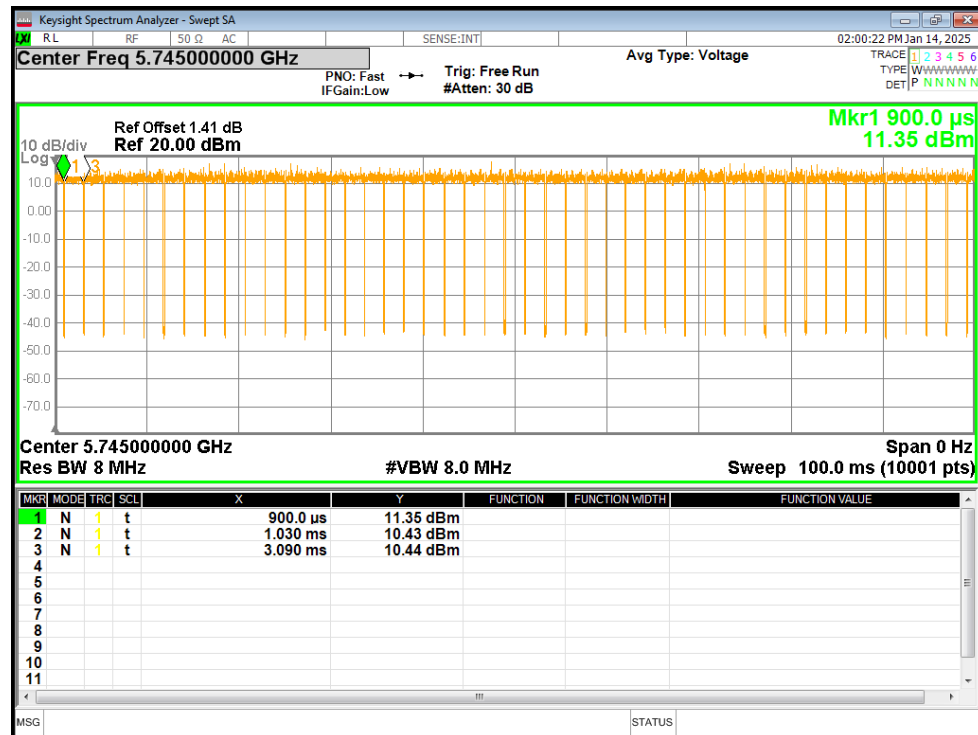
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FCC ID:2BEET-V851S**FCC_5.8G WIFI(Part15.247) Test Data****1. Duty Cycle**

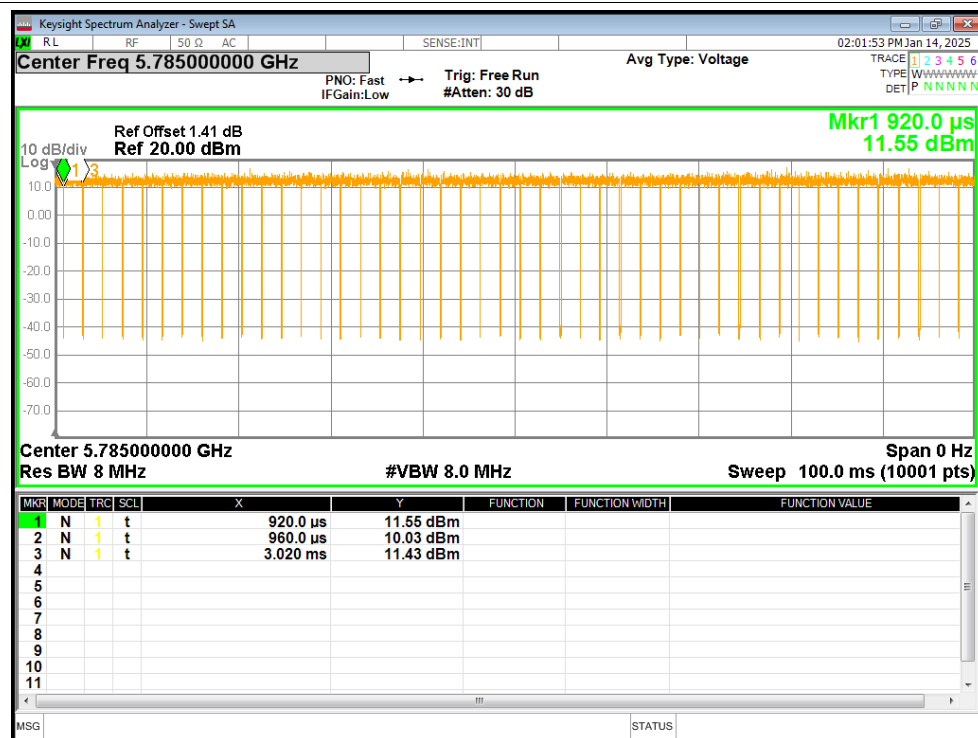
Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
a	5745	94.06	0.27	0.49
a	5785	98.1	0	0.49
a	5825	97.63	0.1	0.49
n20	5745	96.48	0.16	0.52
n20	5785	92.31	0.35	0.52
n20	5825	97.96	0.09	0.52
n40	5755	84.68	0.72	1.06
n40	5795	94	0.27	1.06
ac20	5745	93.27	0.3	0.52
ac20	5785	94.15	0.26	0.52
ac20	5825	96.02	0.18	0.52
ac40	5755	85.59	0.68	1.05
ac40	5795	95	0.22	1.05
ac80	5775	83.64	0.78	2.17

Test Graphs

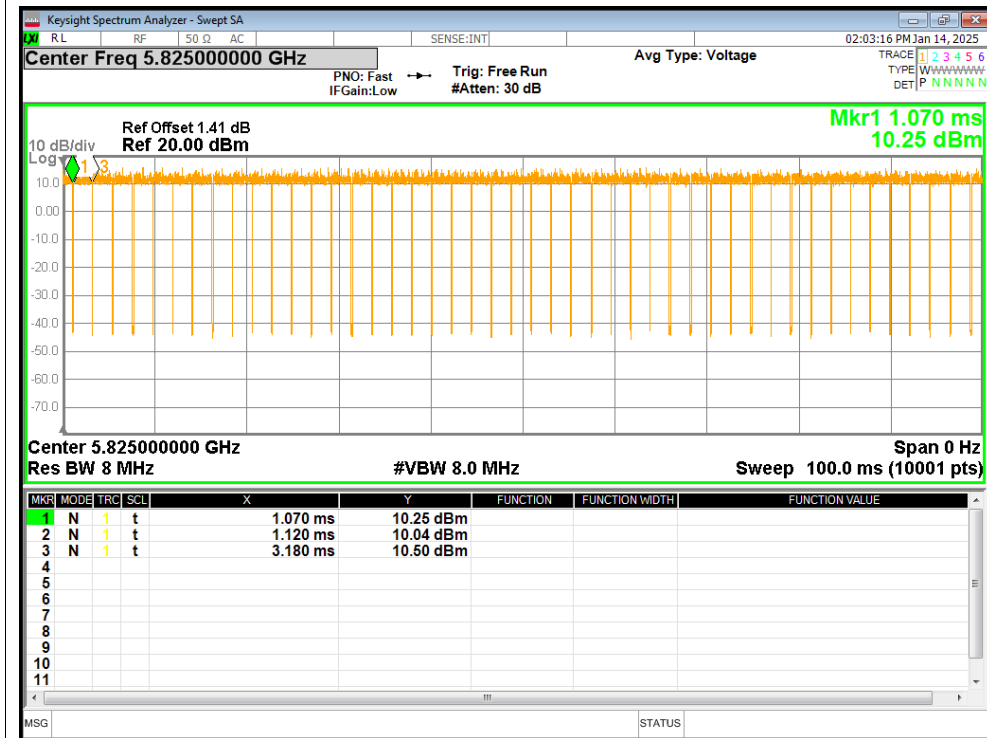
Duty Cycle NVNT a 5745MHz Ant1



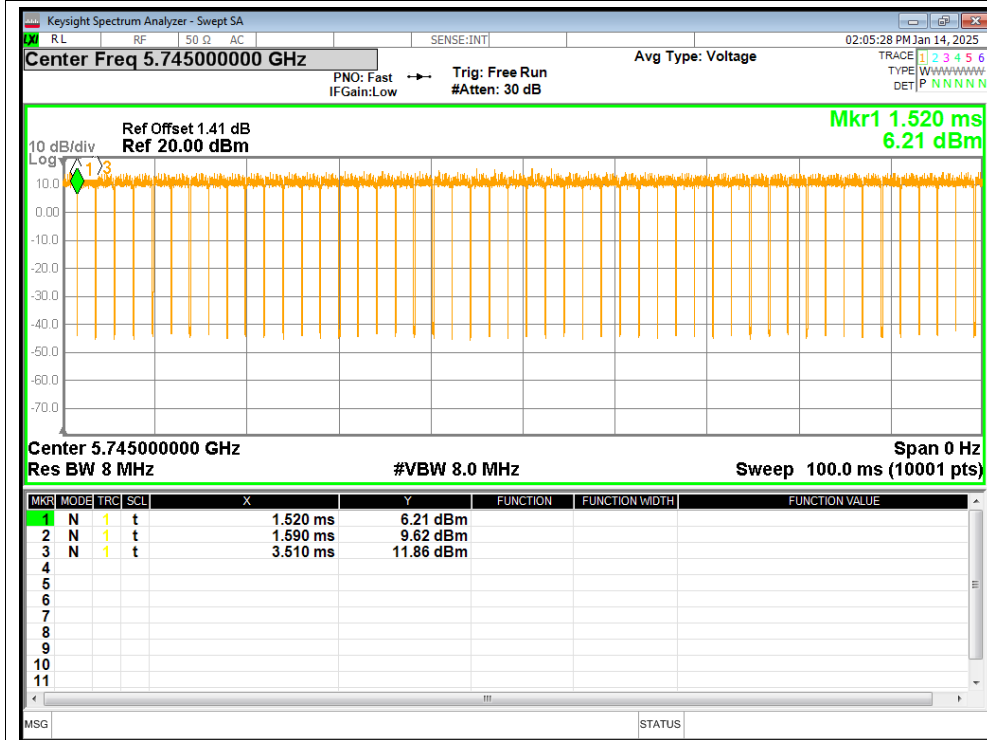
Duty Cycle NVNT a 5785MHz Ant1



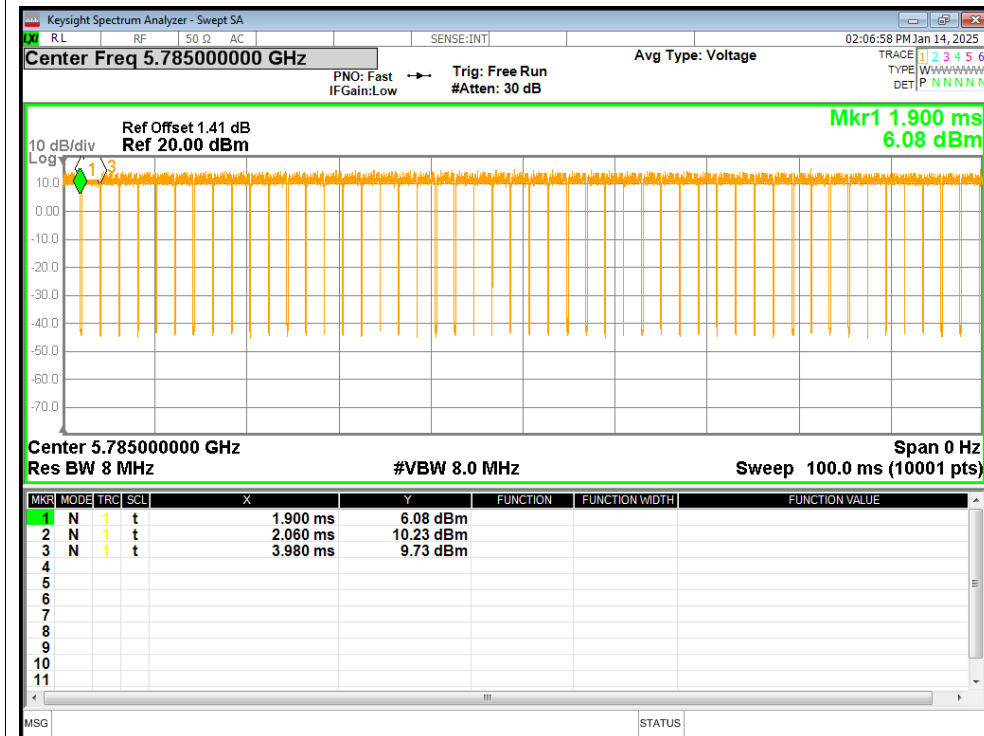
Duty Cycle NVNT a 5825MHz Ant1



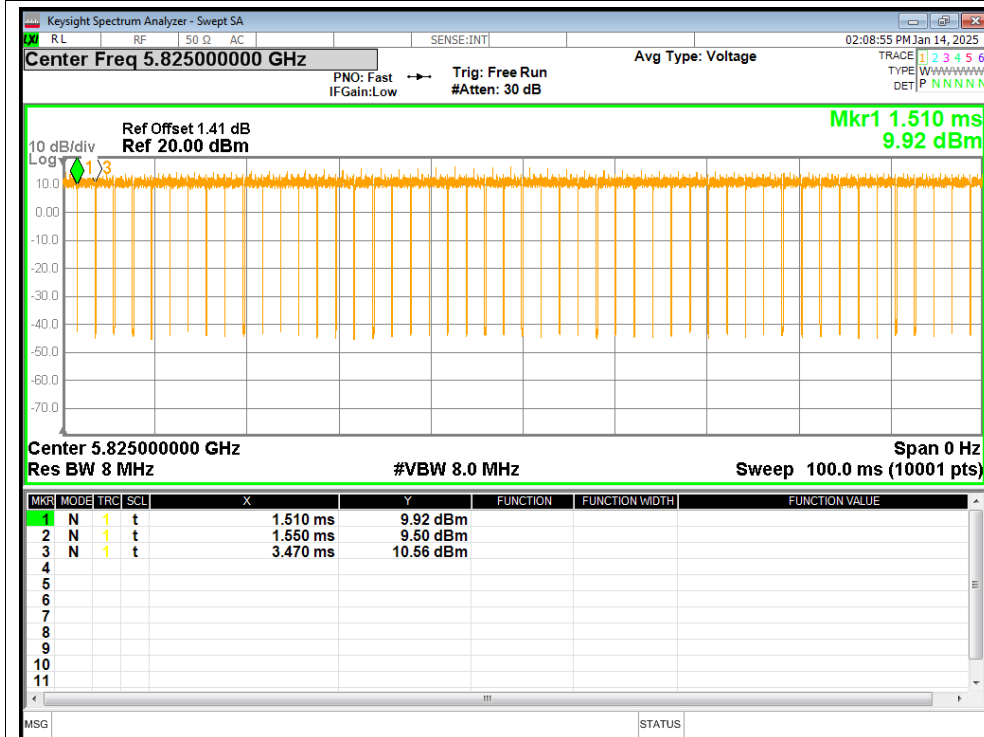
Duty Cycle NVNT n20 5745MHz Ant1



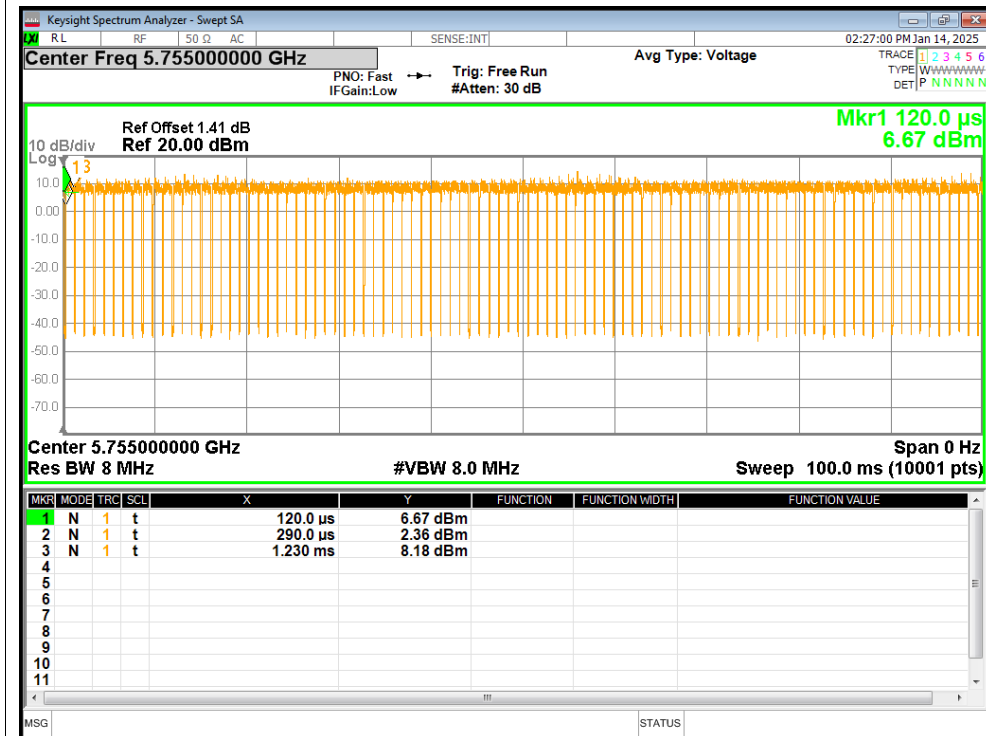
Duty Cycle NVNT n20 5785MHz Ant1



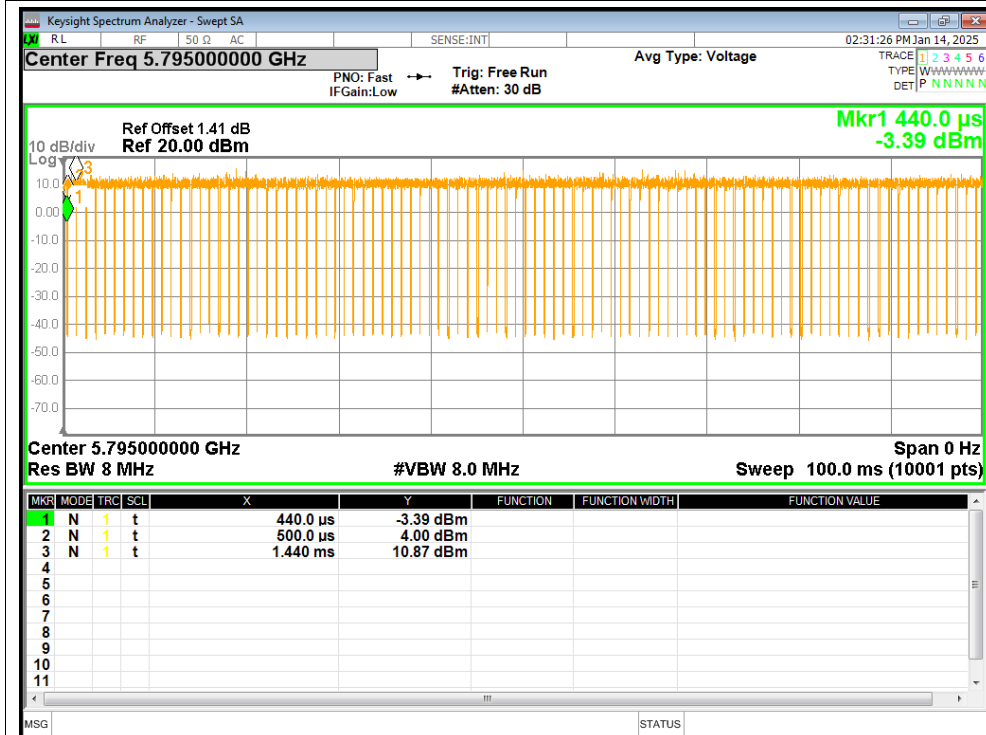
Duty Cycle NVNT n20 5825MHz Ant1



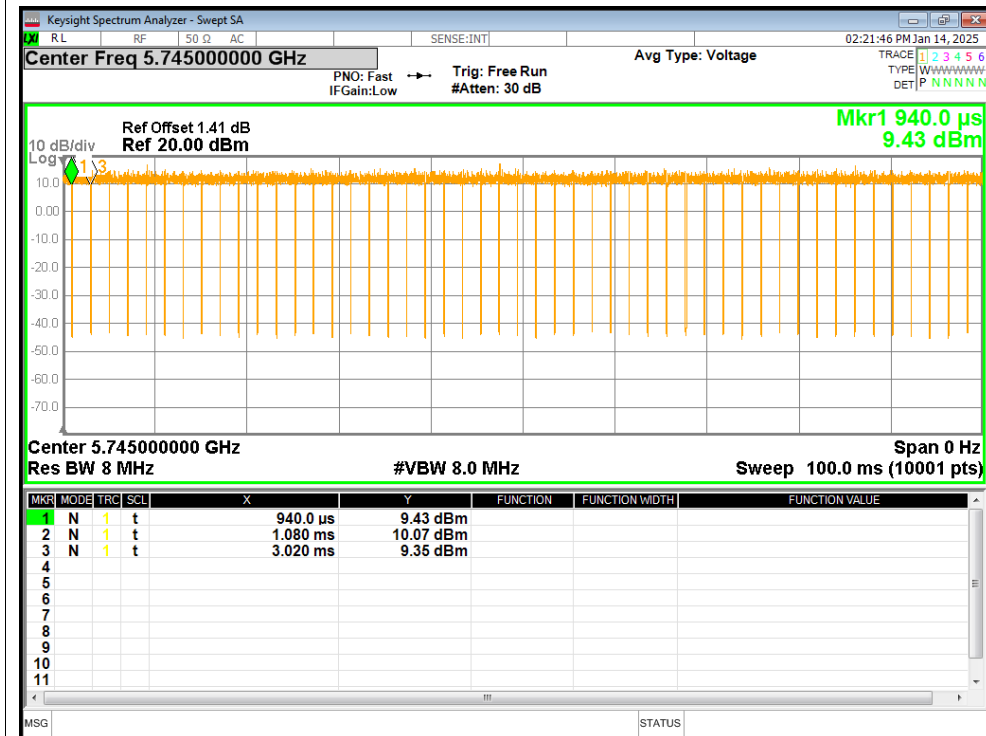
Duty Cycle NVNT n40 5755MHz Ant1



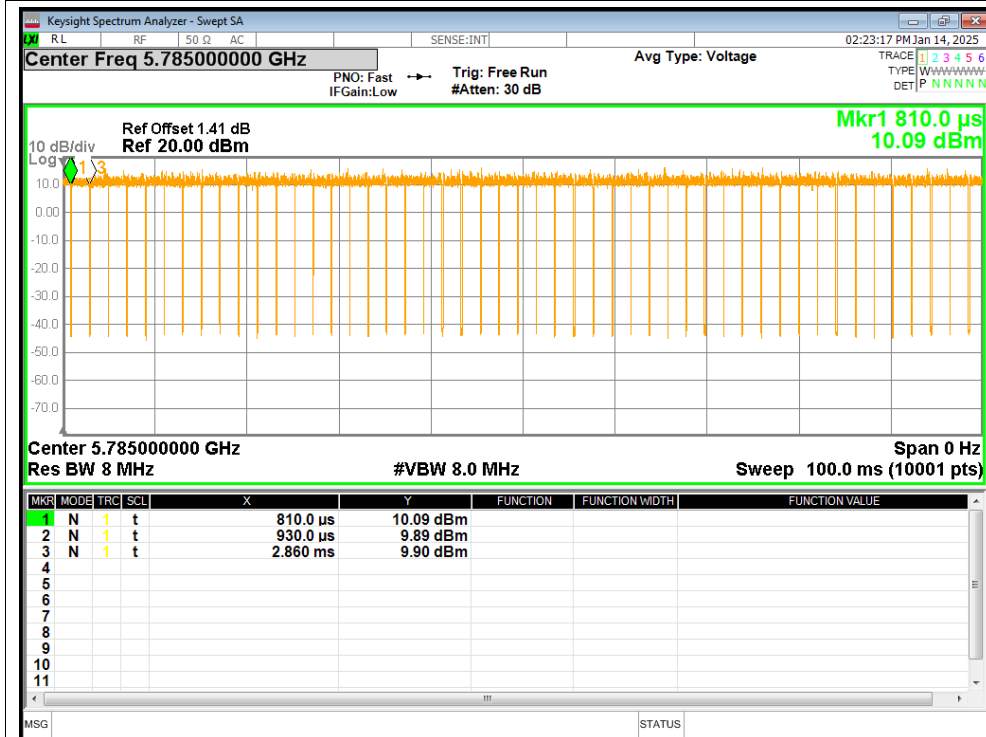
Duty Cycle NVNT n40 5795MHz Ant1



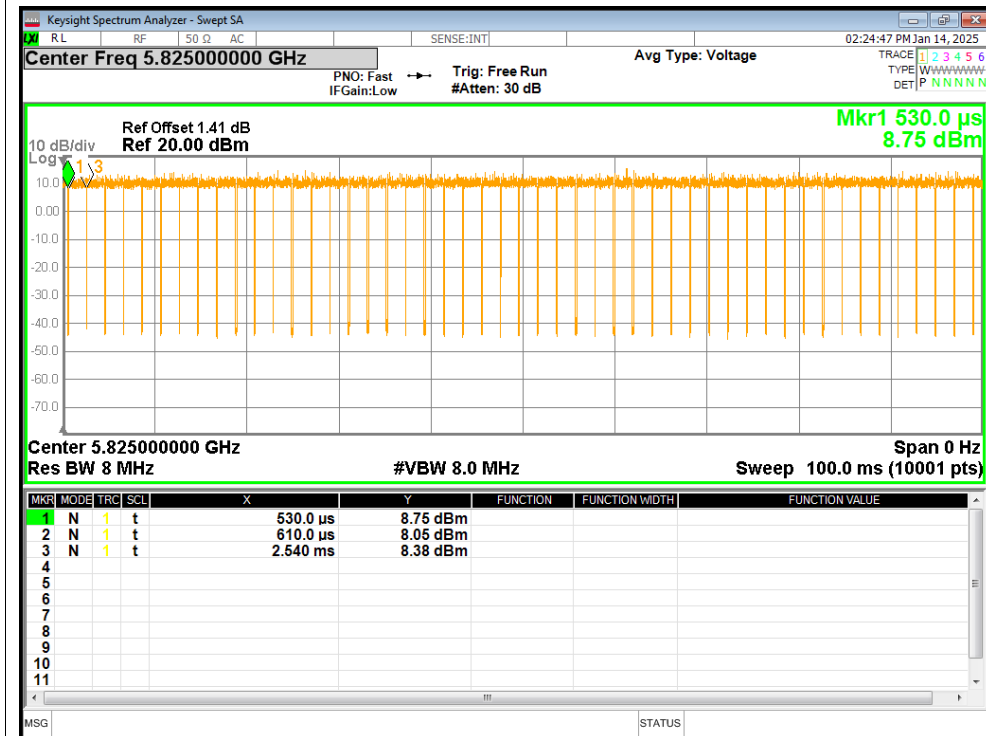
Duty Cycle NVNT ac20 5745MHz Ant1



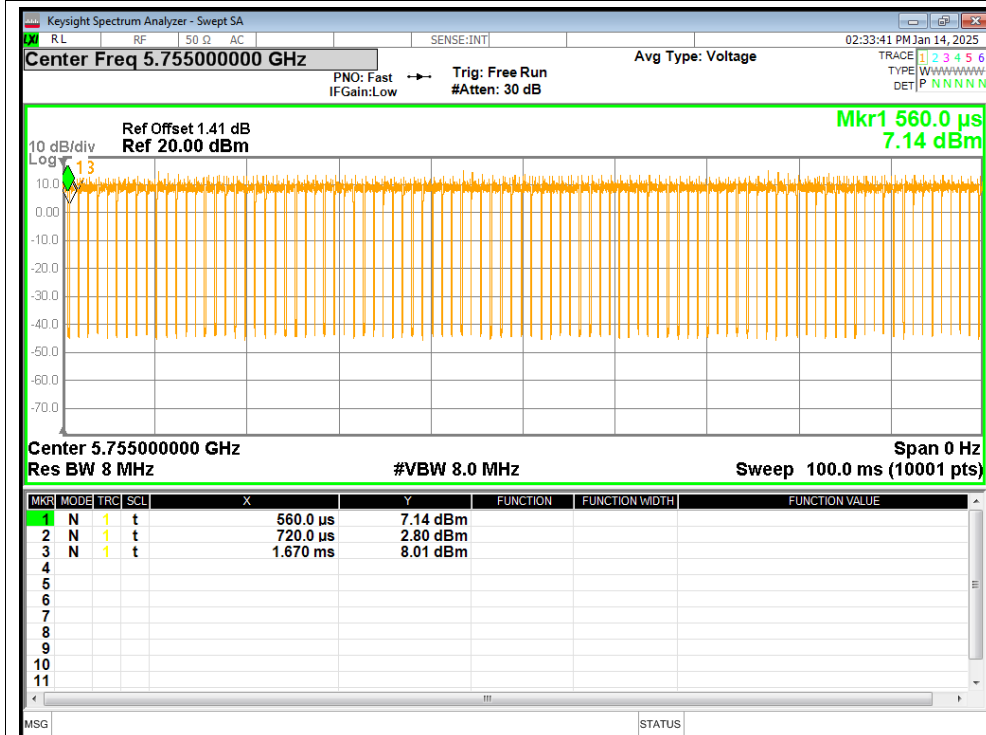
Duty Cycle NVNT ac20 5785MHz Ant1



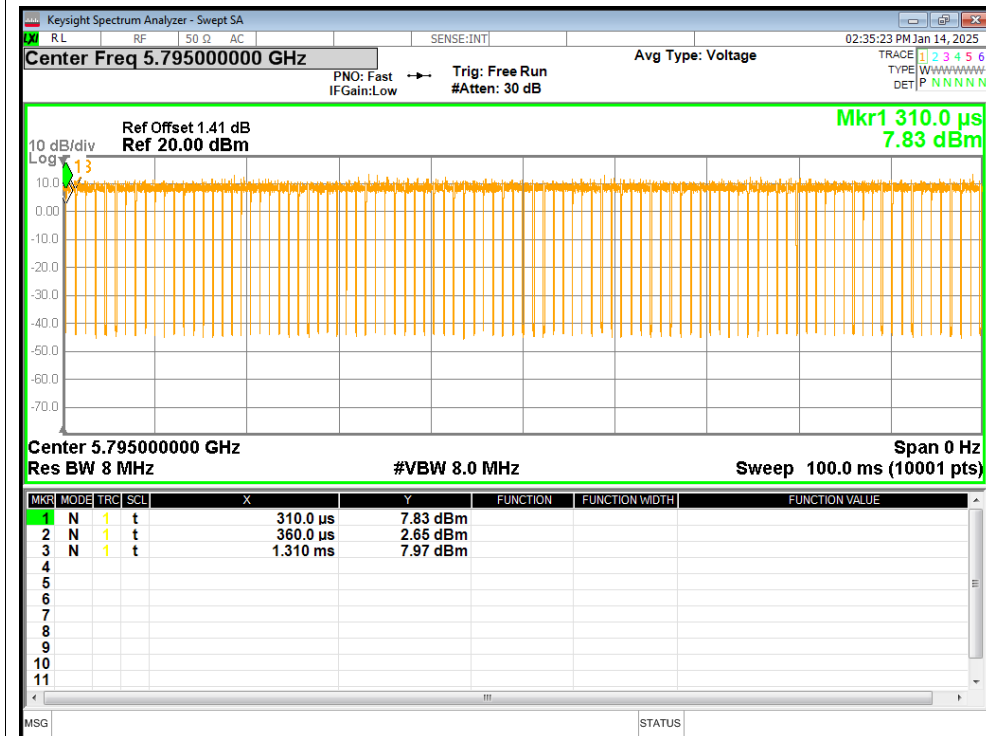
Duty Cycle NVNT ac20 5825MHz Ant1



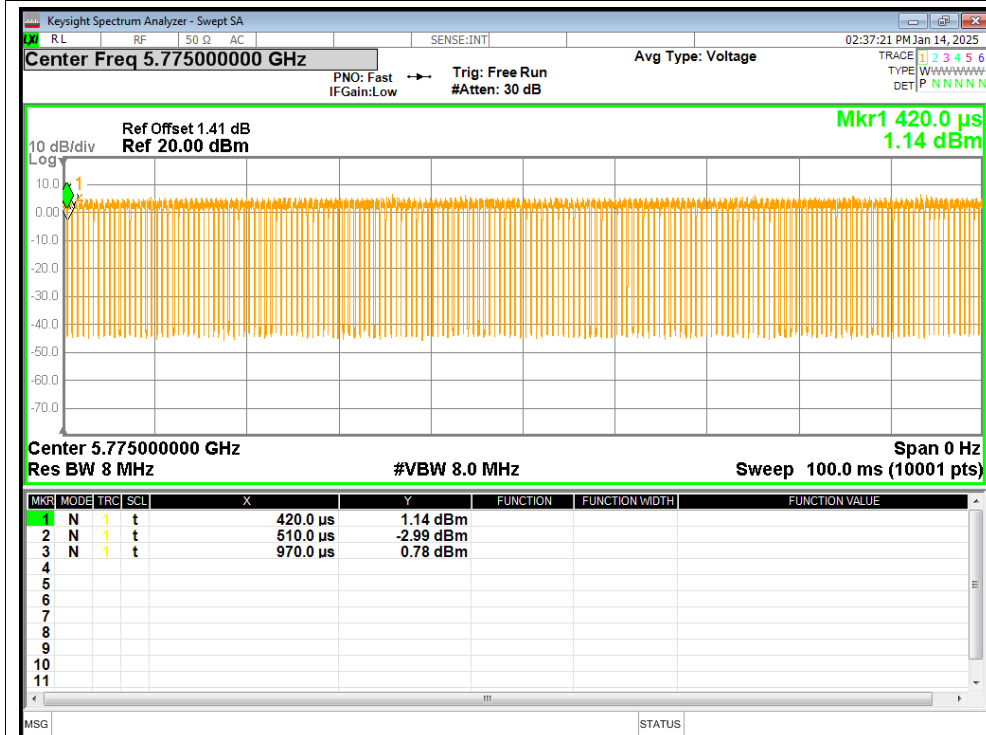
Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant1

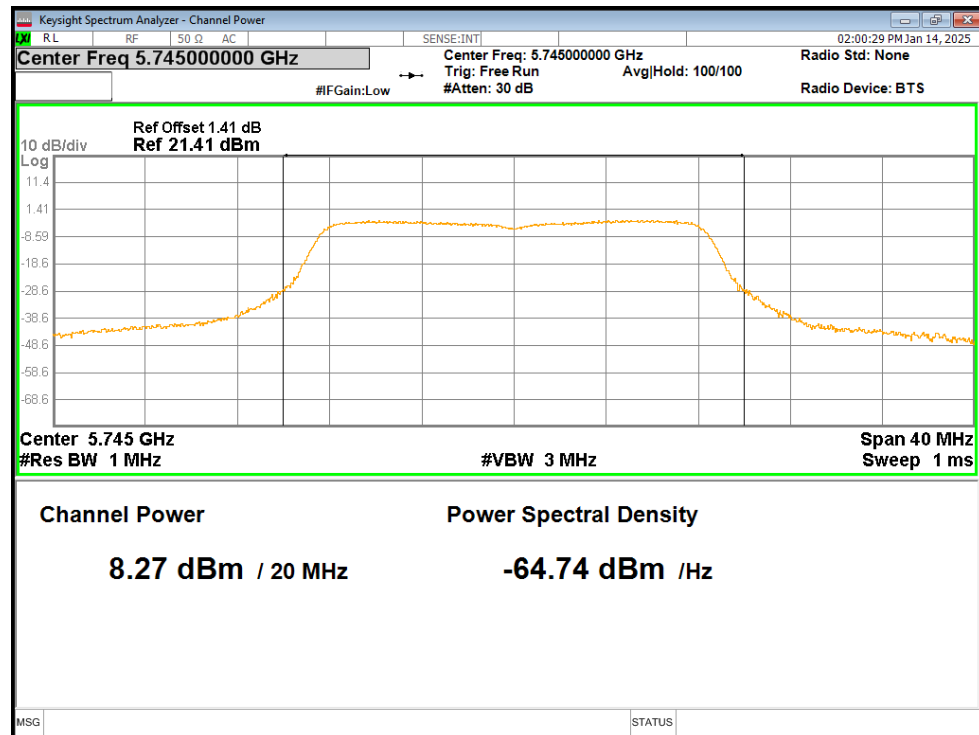


2.Maximum Conducted Output Power

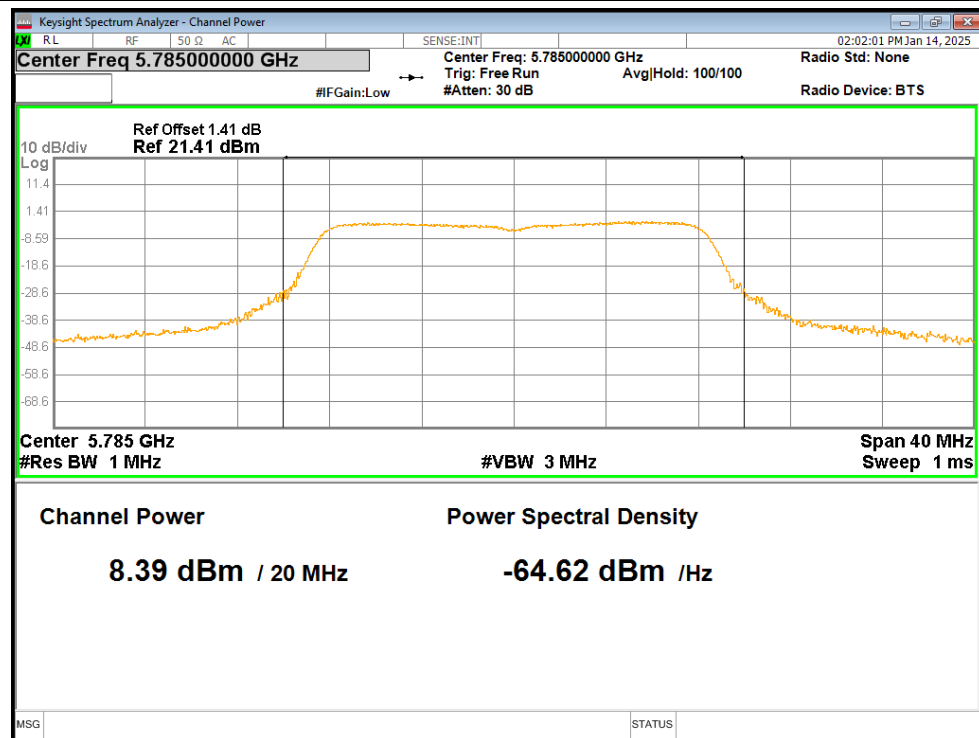
Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
a	5745	8.27	0.27	8.54	30	Pass
a	5785	8.39	0	8.39	30	Pass
a	5825	7.79	0.1	7.89	30	Pass
n20	5745	7.37	0.16	7.53	30	Pass
n20	5785	7.8	0.35	8.15	30	Pass
n20	5825	7.29	0.09	7.38	30	Pass
n40	5755	7.31	0.72	8.03	30	Pass
n40	5795	8.85	0.27	9.12	30	Pass
ac20	5745	7.84	0.3	8.14	30	Pass
ac20	5785	7.53	0.26	7.79	30	Pass
ac20	5825	6.63	0.18	6.81	30	Pass
ac40	5755	7.58	0.68	8.26	30	Pass
ac40	5795	7.61	0.22	7.83	30	Pass
ac80	5775	6.21	0.78	6.99	30	Pass

Test Graphs

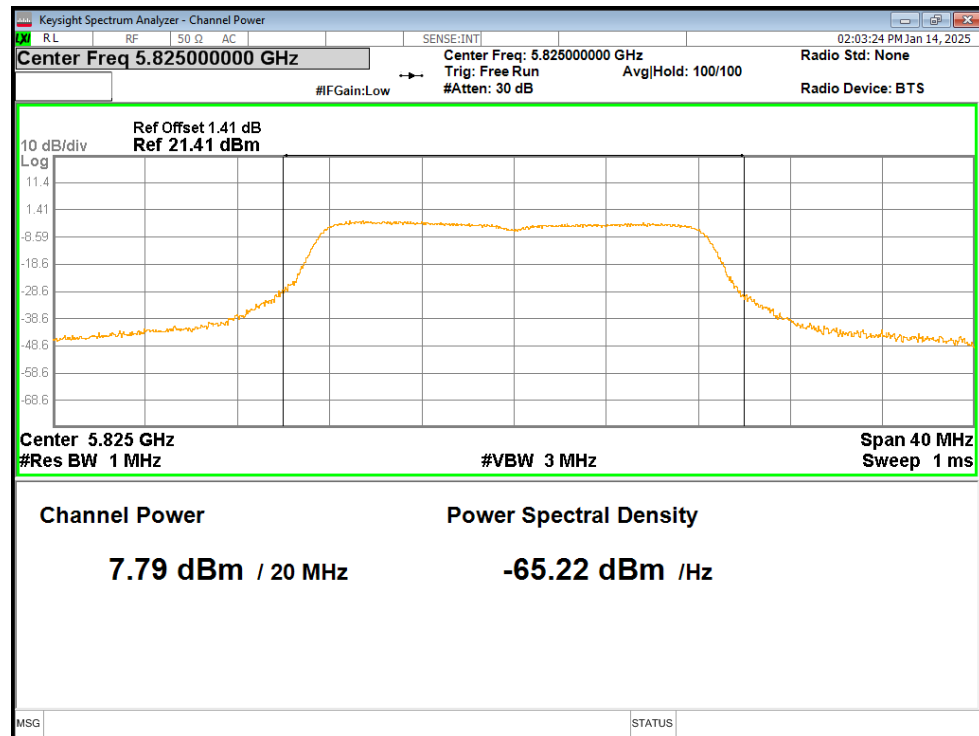
Power NVNT a 5745MHz Ant1



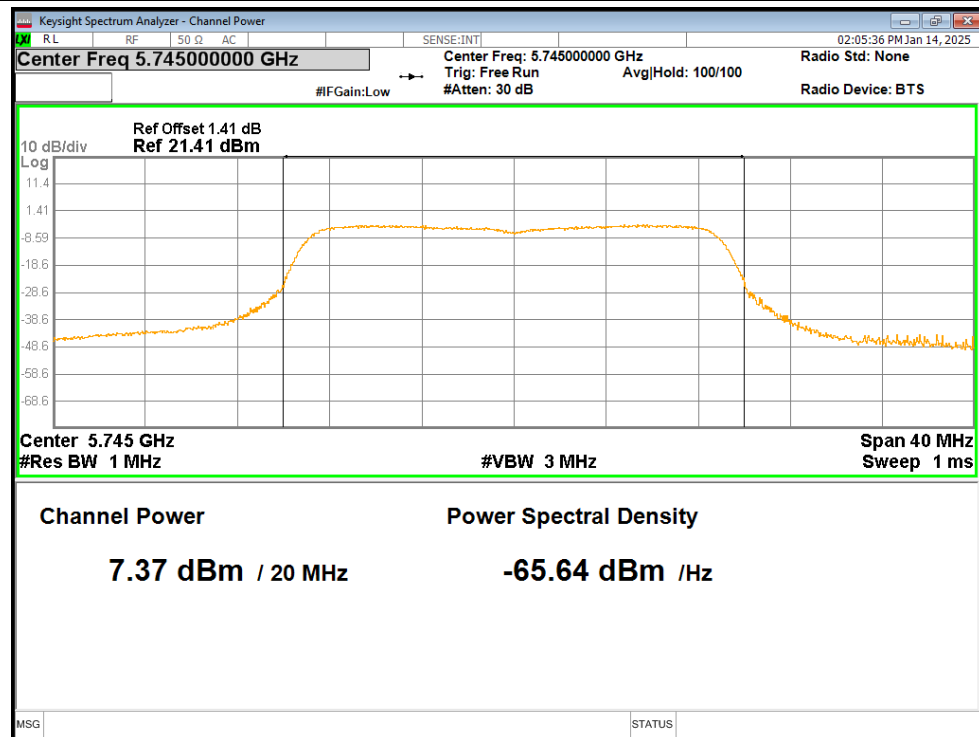
Power NVNT a 5785MHz Ant1



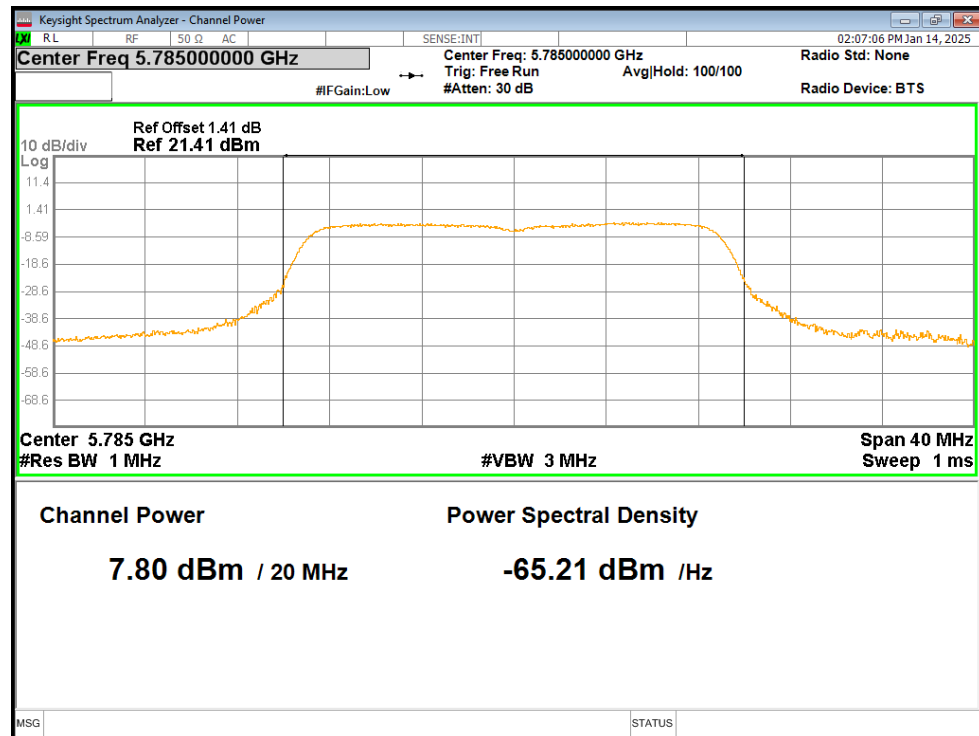
Power NVNT a 5825MHz Ant1



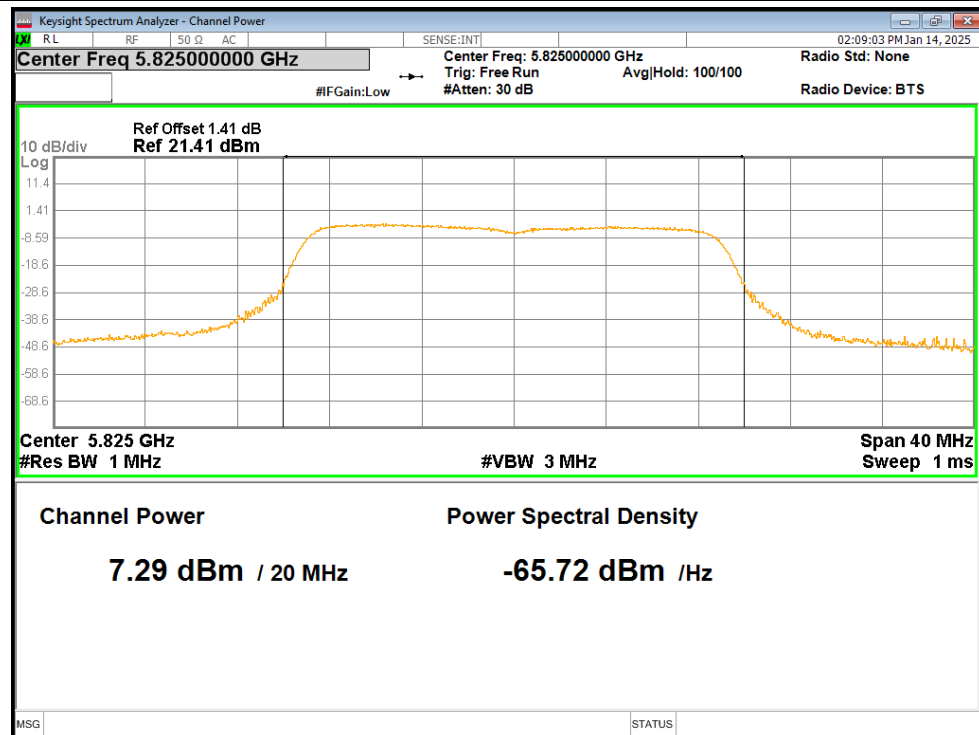
Power NVNT n20 5745MHz Ant1



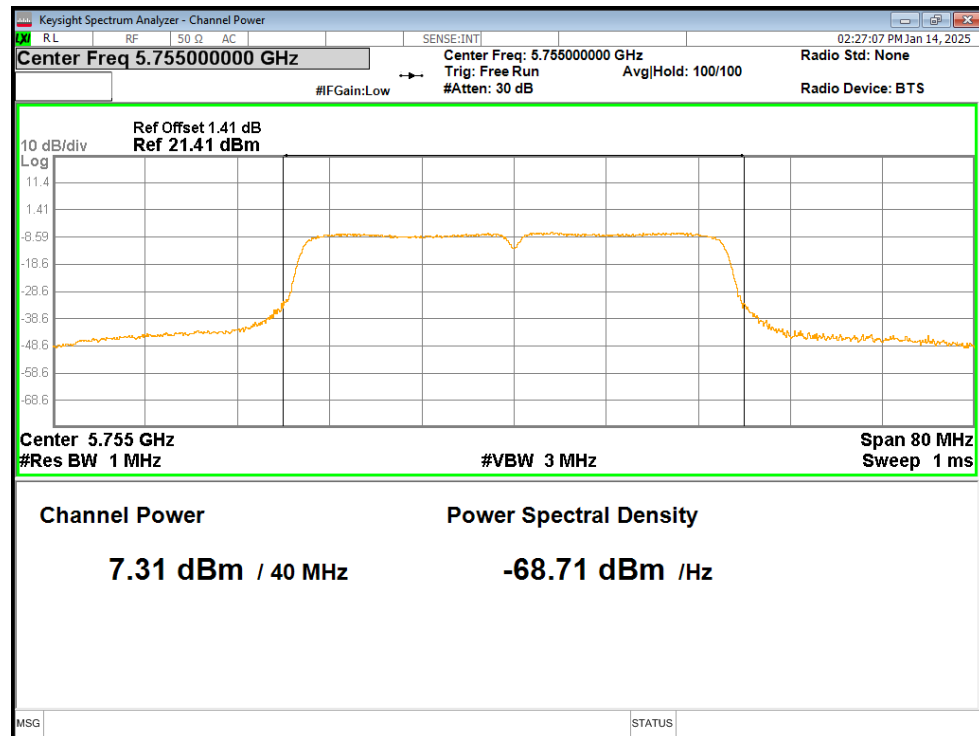
Power NVNT n20 5785MHz Ant1



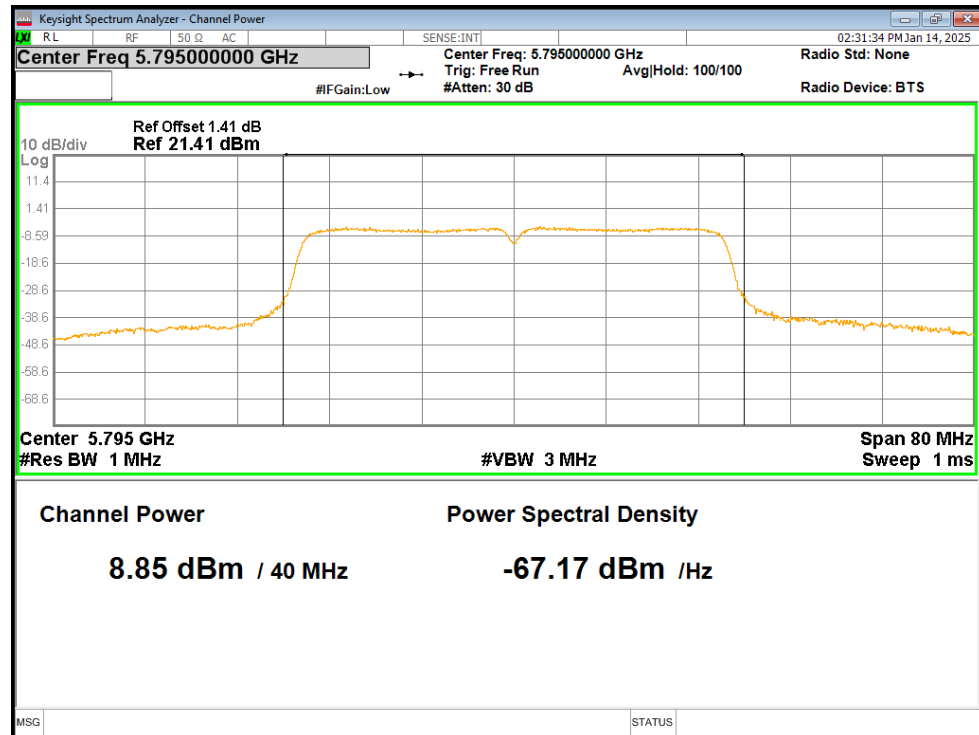
Power NVNT n20 5825MHz Ant1



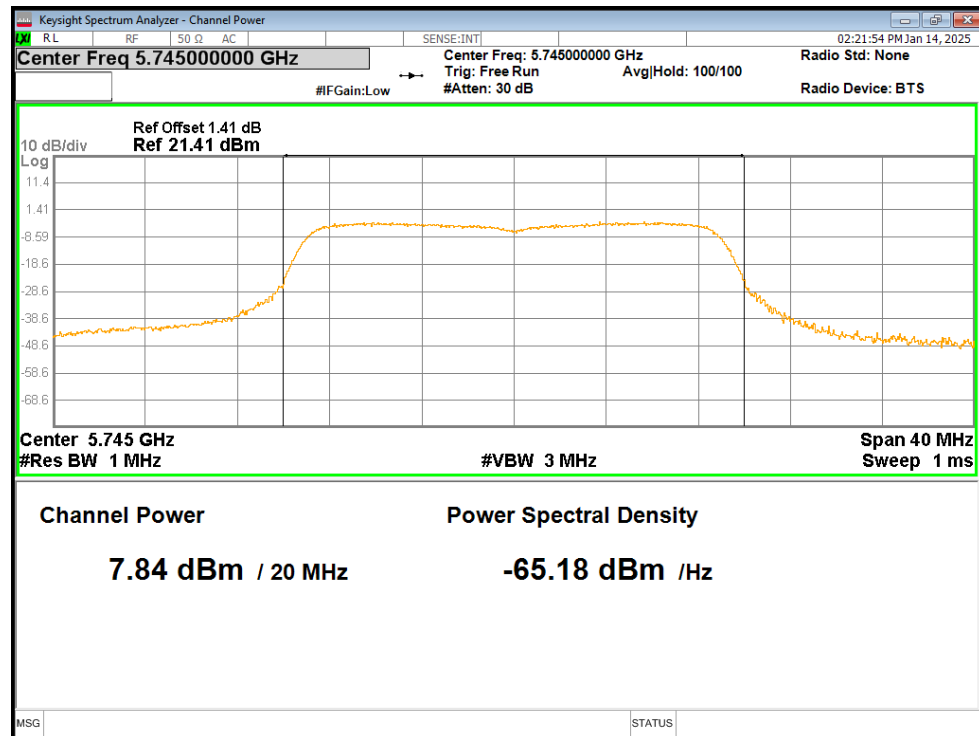
Power NVNT n40 5755MHz Ant1



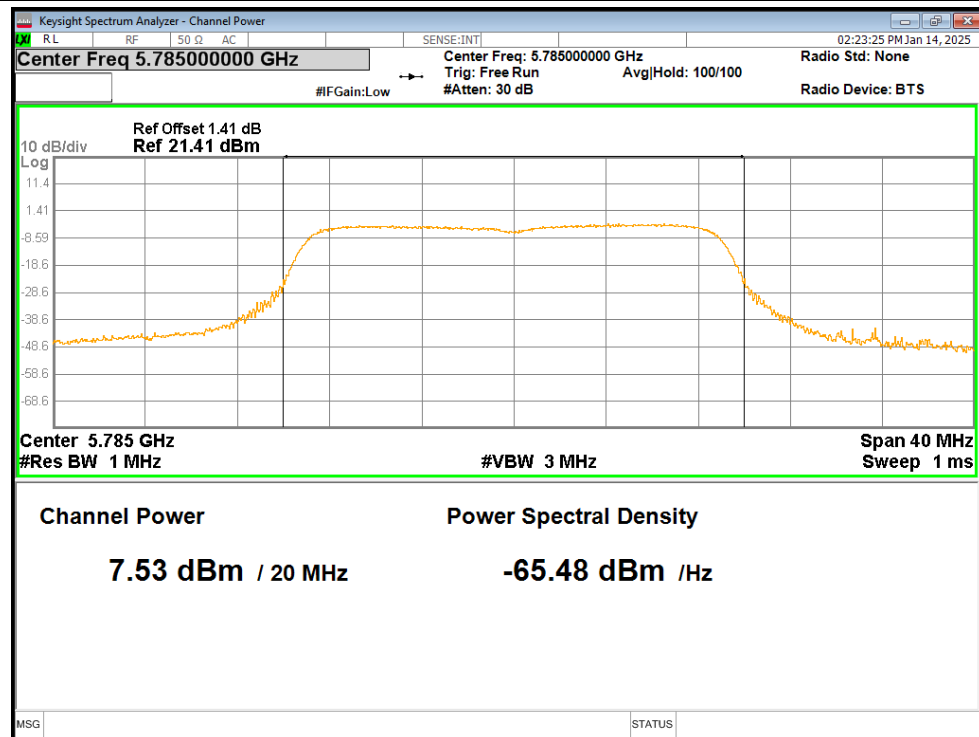
Power NVNT n40 5795MHz Ant1



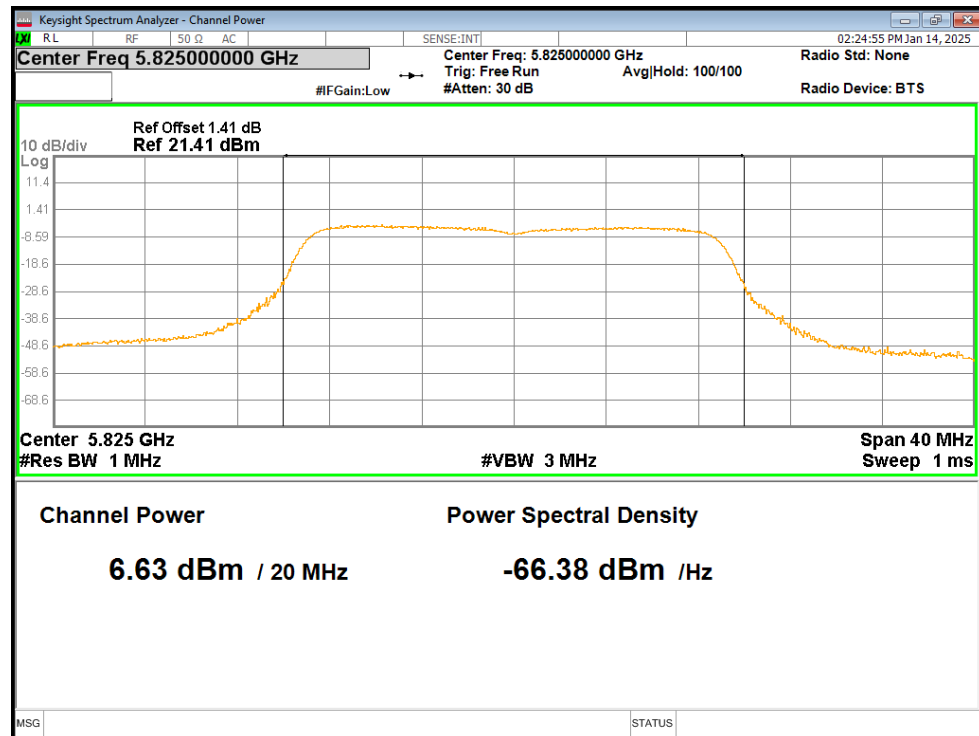
Power NVNT ac20 5745MHz Ant1



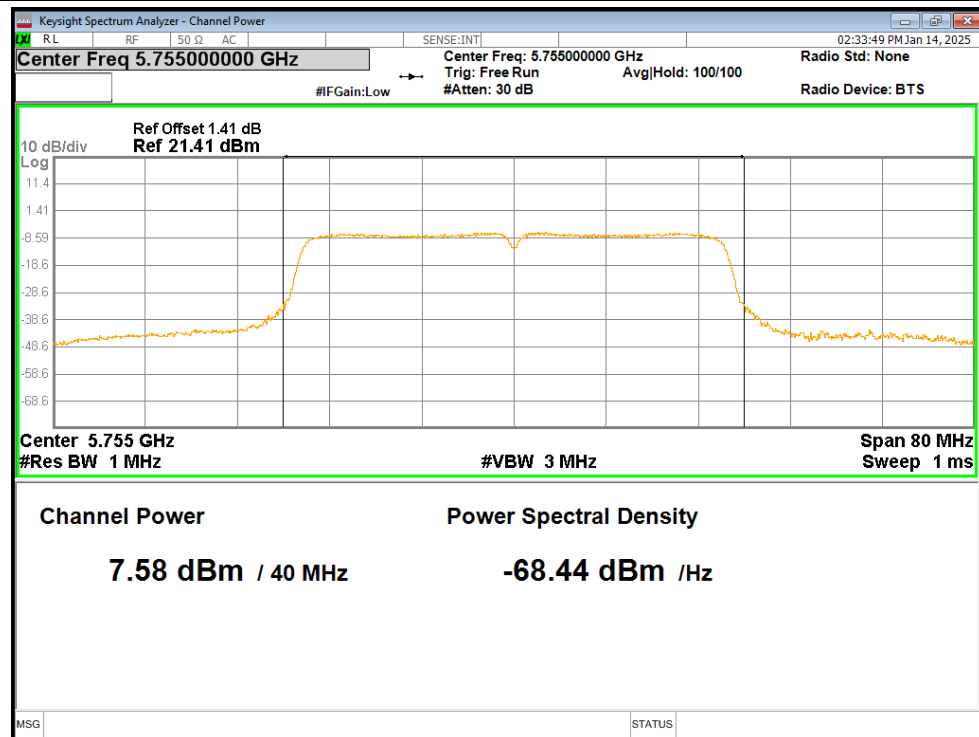
Power NVNT ac20 5785MHz Ant1



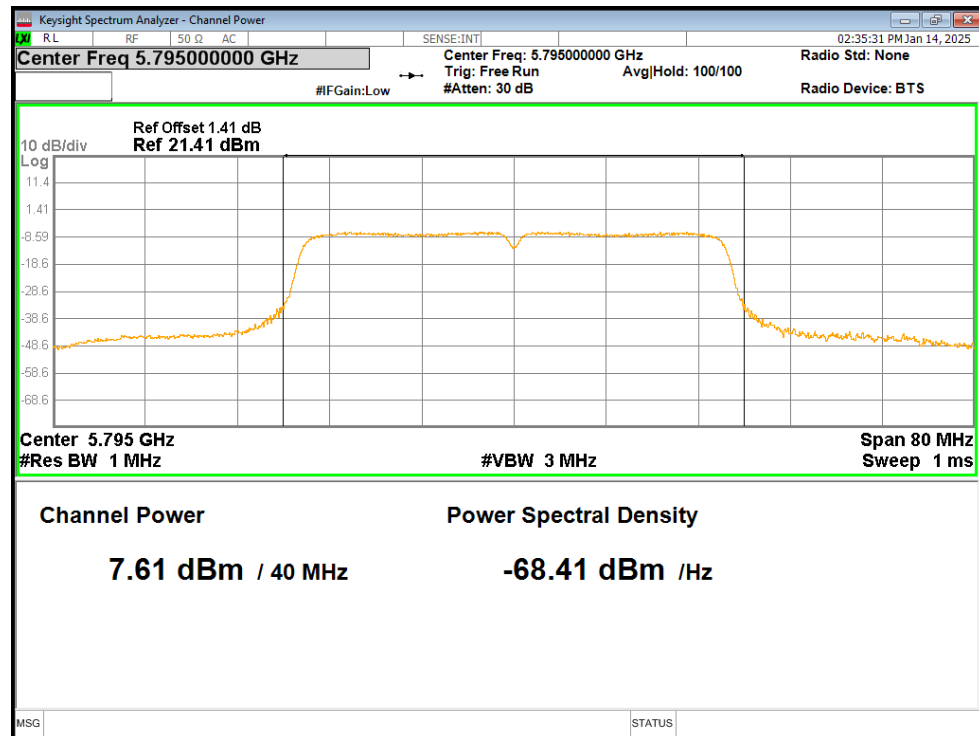
Power NVNT ac20 5825MHz Ant1



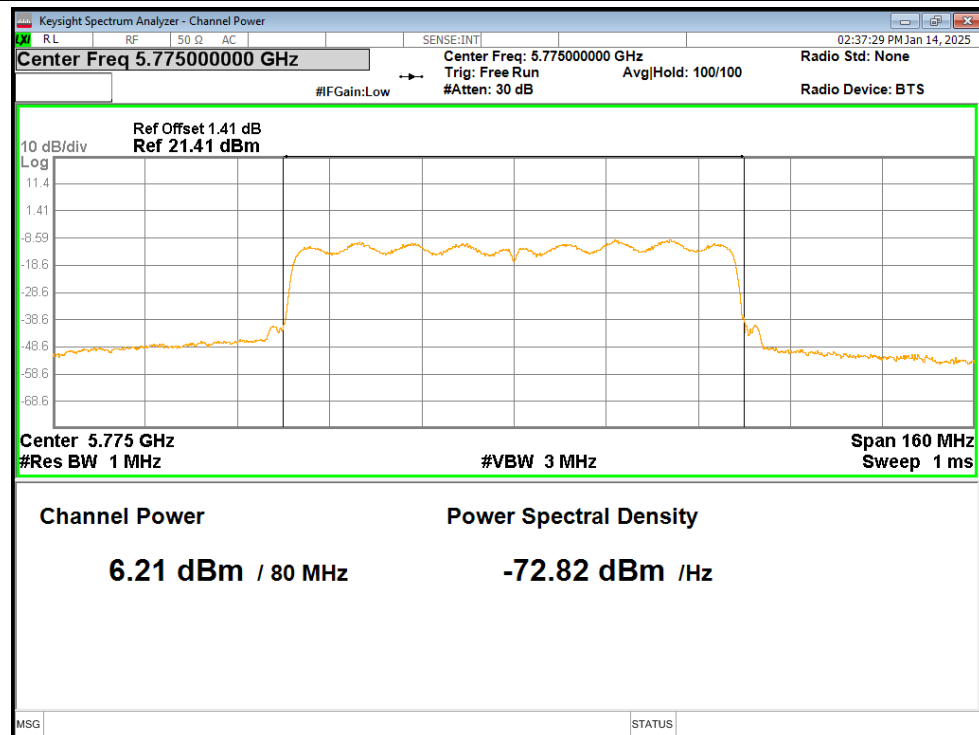
Power NVNT ac40 5755MHz Ant1



Power NVNT ac40 5795MHz Ant1



Power NVNT ac80 5775MHz Ant1

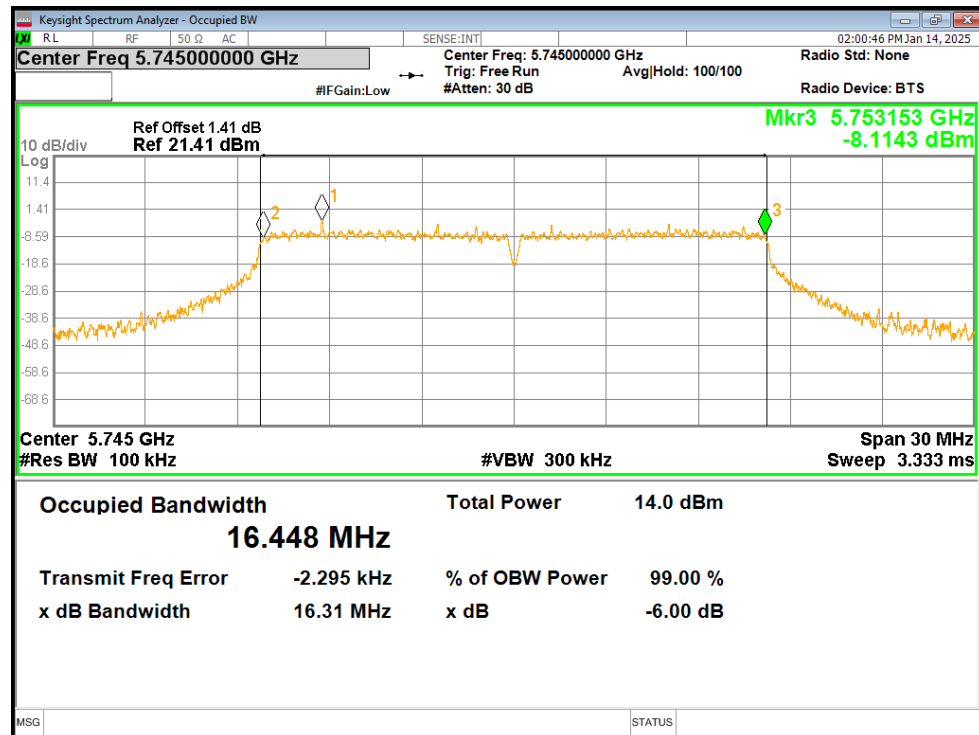


3.-6dB Bandwidth

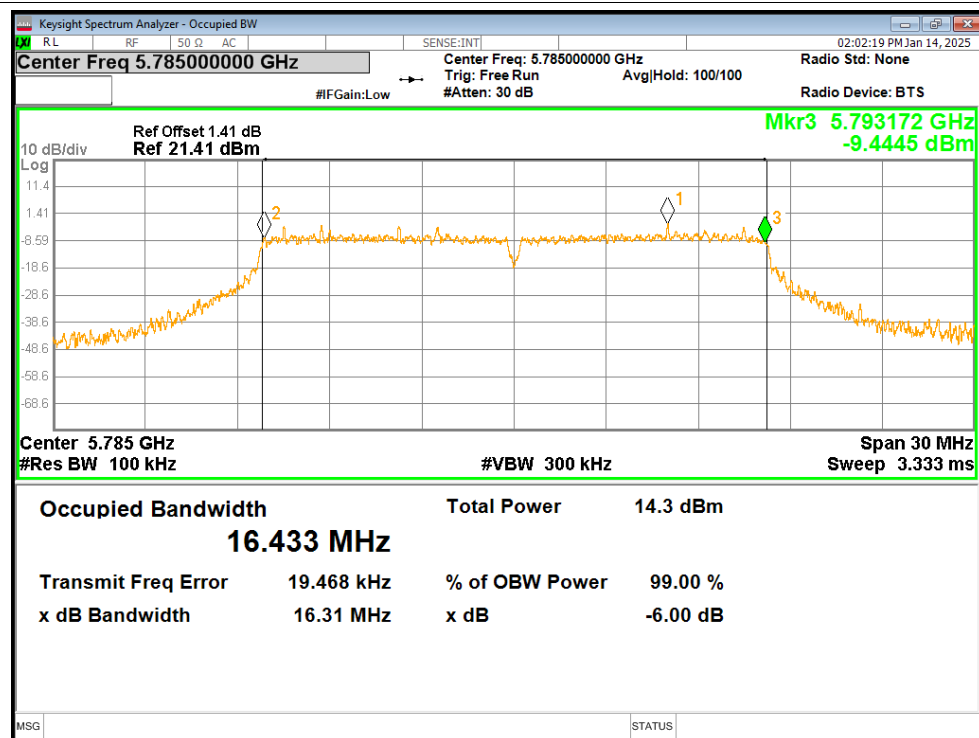
Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5745	16.31	0.5	Pass
a	5785	16.305	0.5	Pass
a	5825	16.313	0.5	Pass
n20	5745	17.137	0.5	Pass
n20	5785	16.663	0.5	Pass
n20	5825	16.381	0.5	Pass
n40	5755	35.254	0.5	Pass
n40	5795	35.034	0.5	Pass
ac20	5745	17.549	0.5	Pass
ac20	5785	17.294	0.5	Pass
ac20	5825	17.322	0.5	Pass
ac40	5755	35.687	0.5	Pass
ac40	5795	35.092	0.5	Pass
ac80	5775	75.139	0.5	Pass

Test Graphs

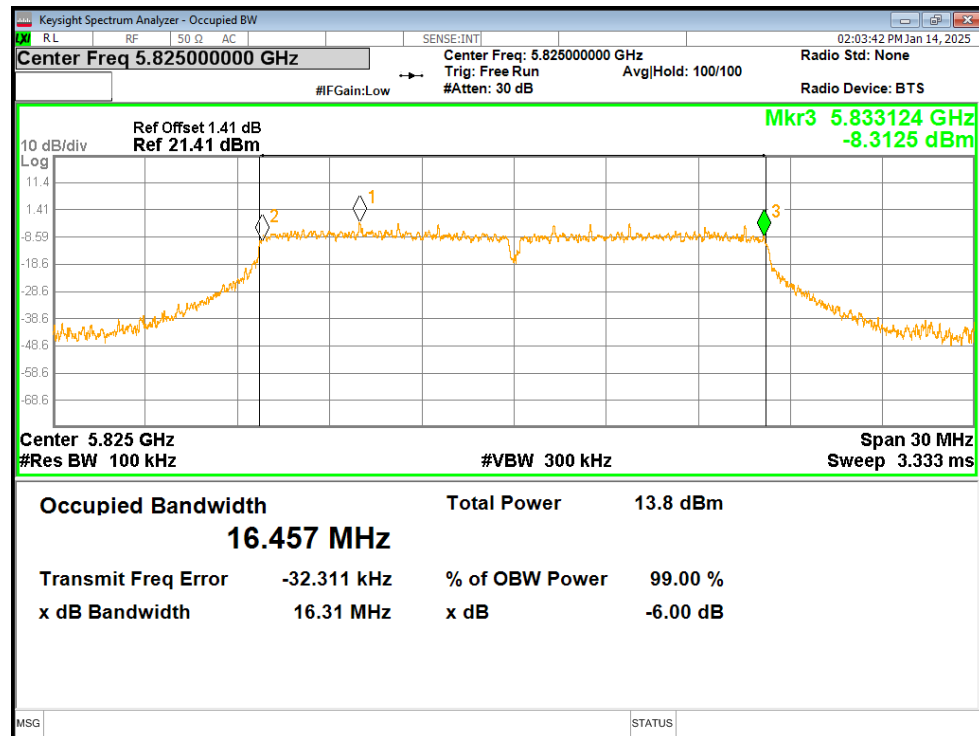
-6dB Bandwidth NVNT a 5745MHz Ant1



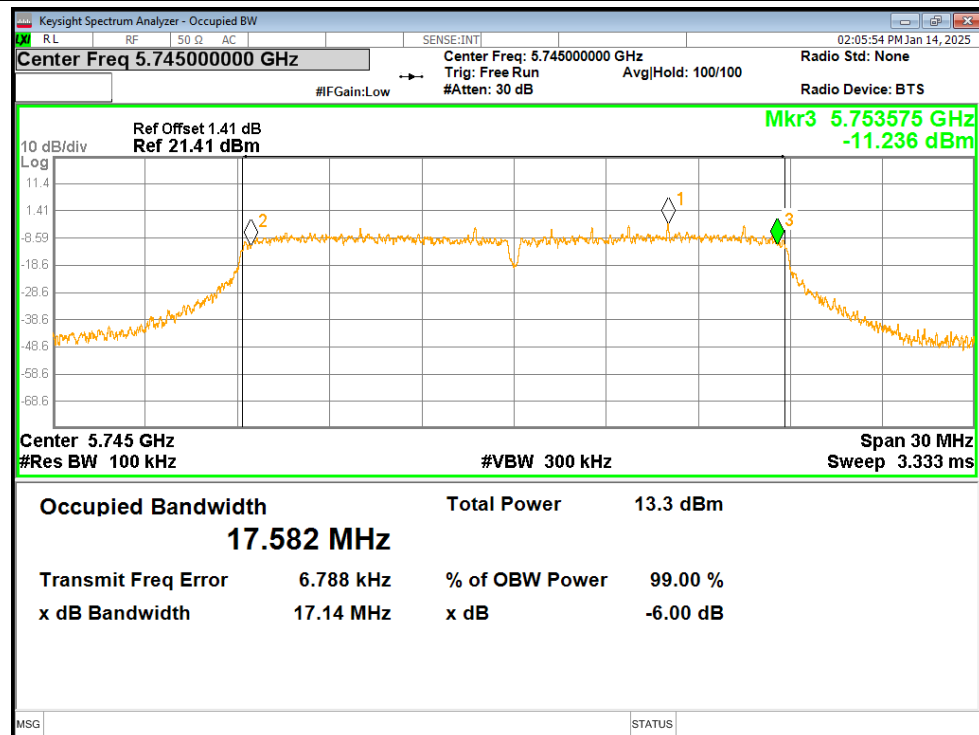
-6dB Bandwidth NVNT a 5785MHz Ant1



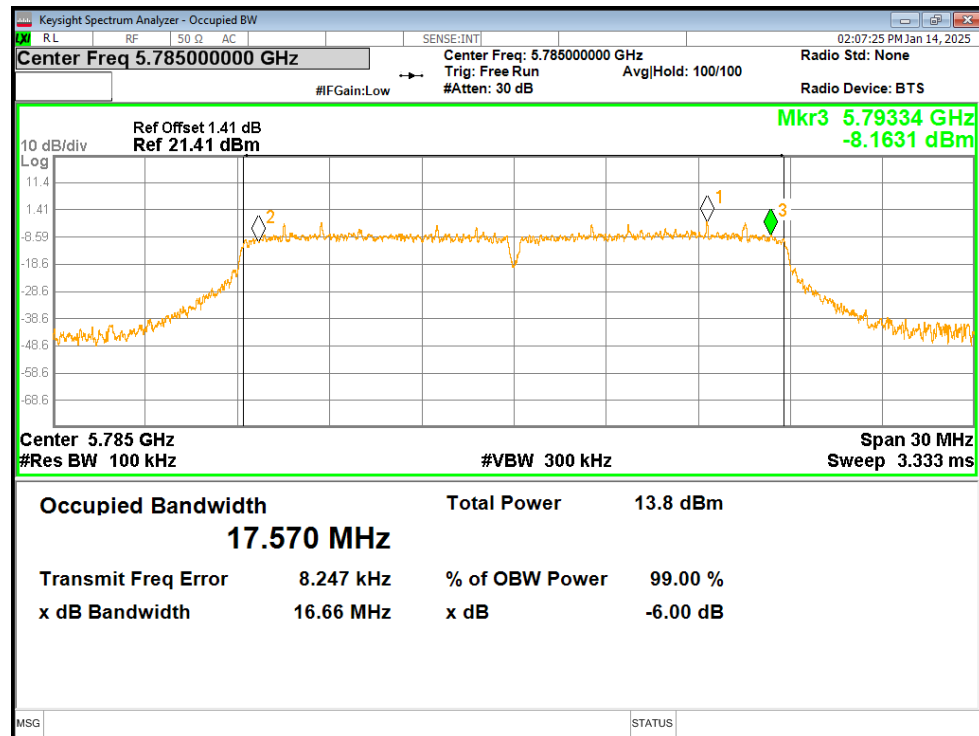
-6dB Bandwidth NVNT a 5825MHz Ant1



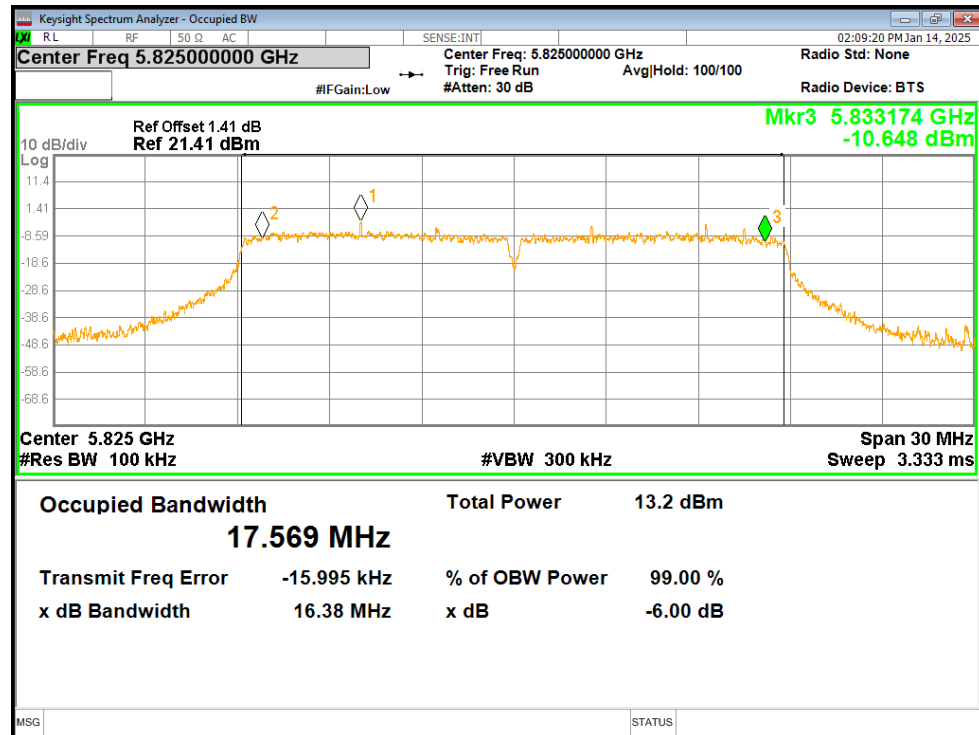
-6dB Bandwidth NVNT n20 5745MHz Ant1



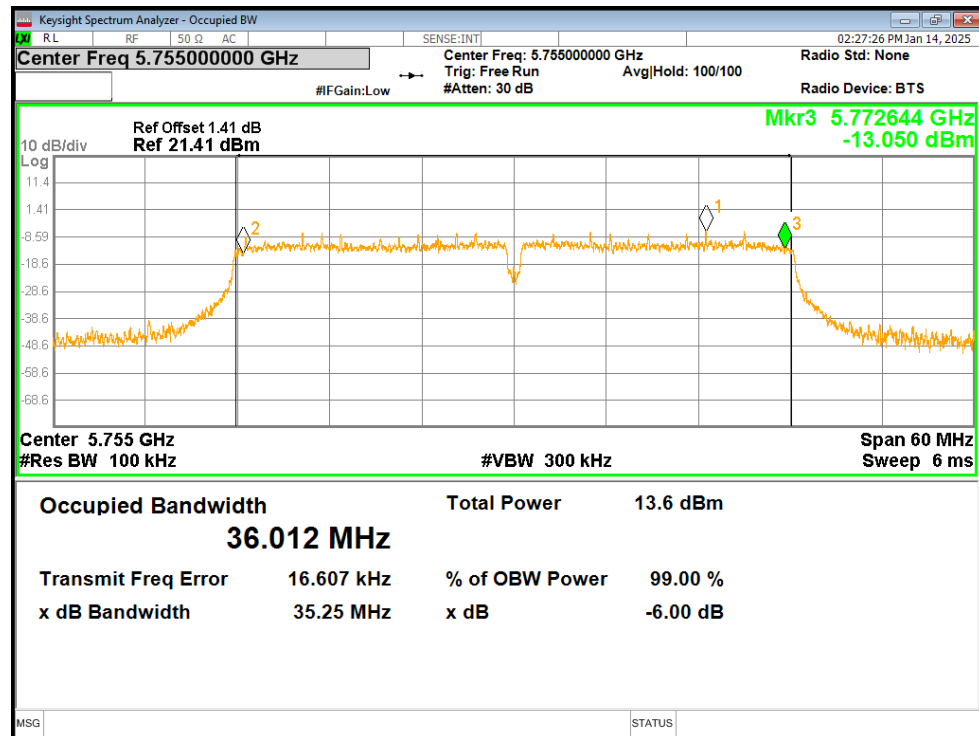
-6dB Bandwidth NVNT n20 5785MHz Ant1



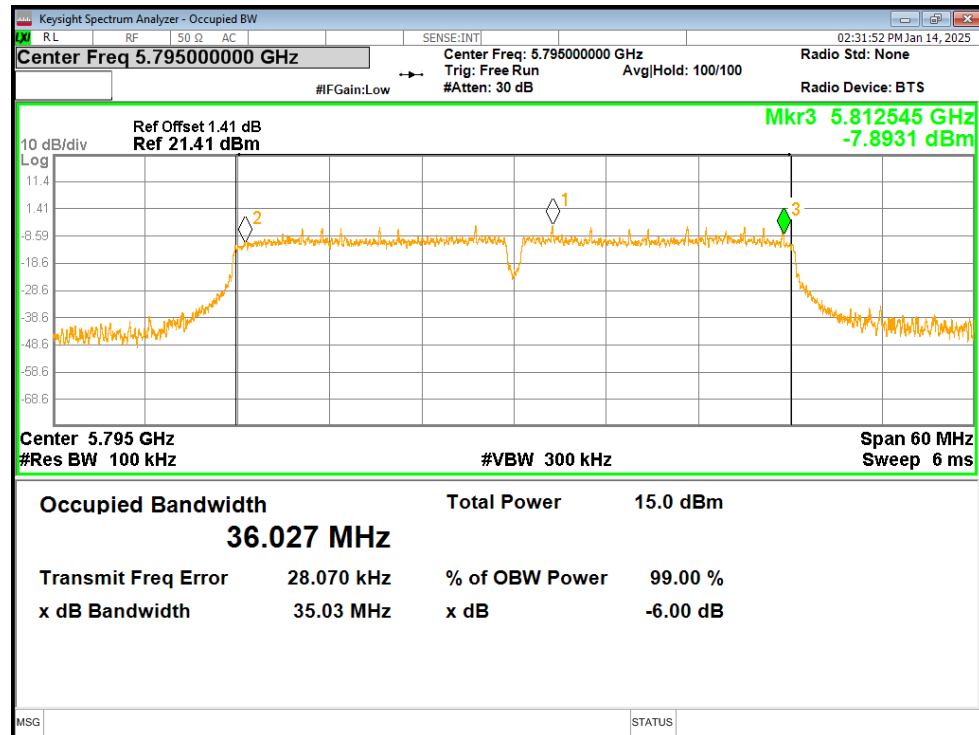
-6dB Bandwidth NVNT n20 5825MHz Ant1



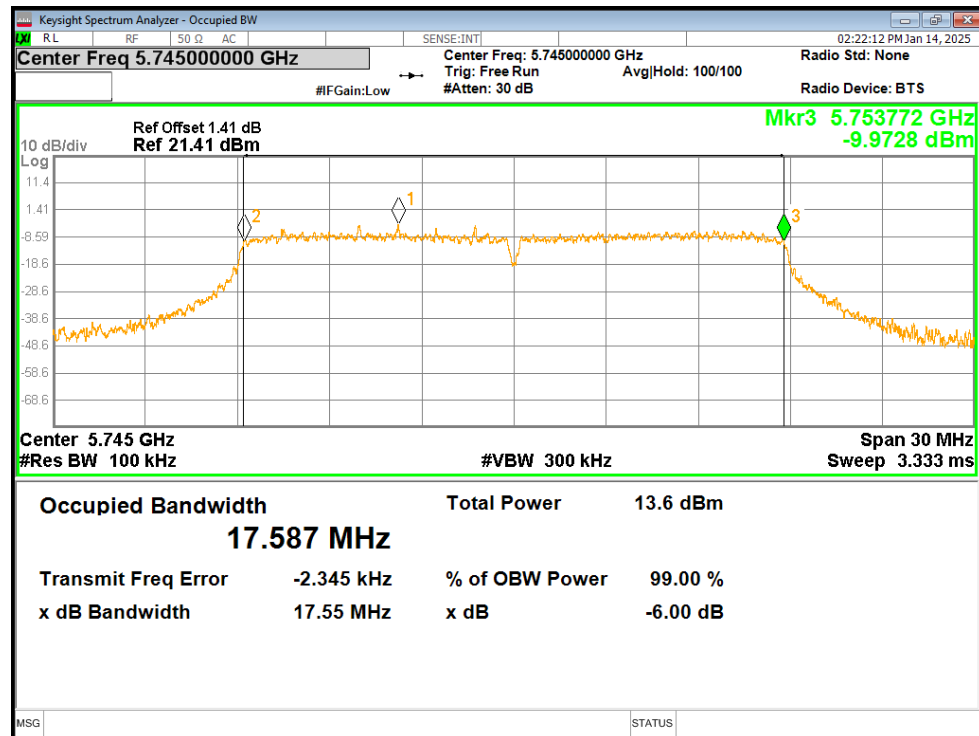
-6dB Bandwidth NVNT n40 5755MHz Ant1



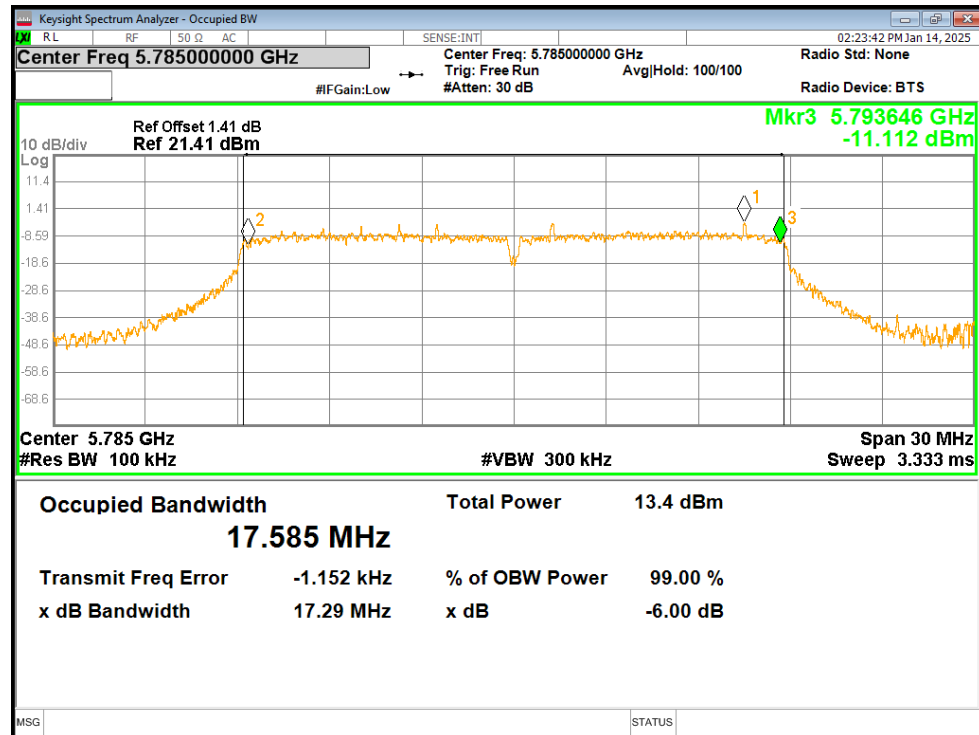
-6dB Bandwidth NVNT n40 5795MHz Ant1



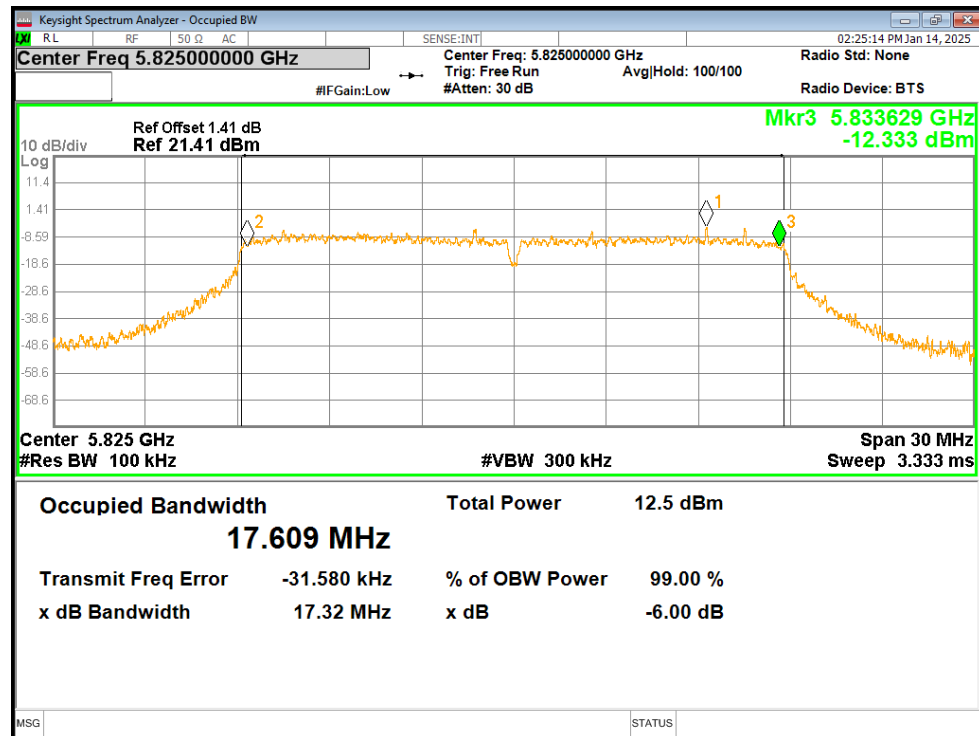
-6dB Bandwidth NVNT ac20 5745MHz Ant1



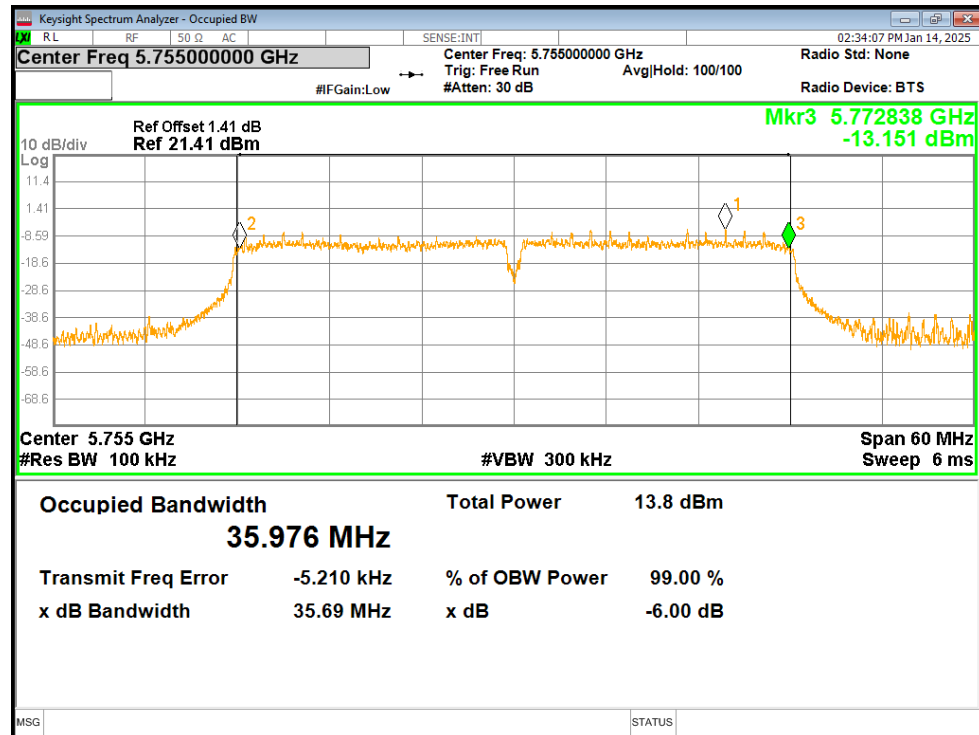
-6dB Bandwidth NVNT ac20 5785MHz Ant1



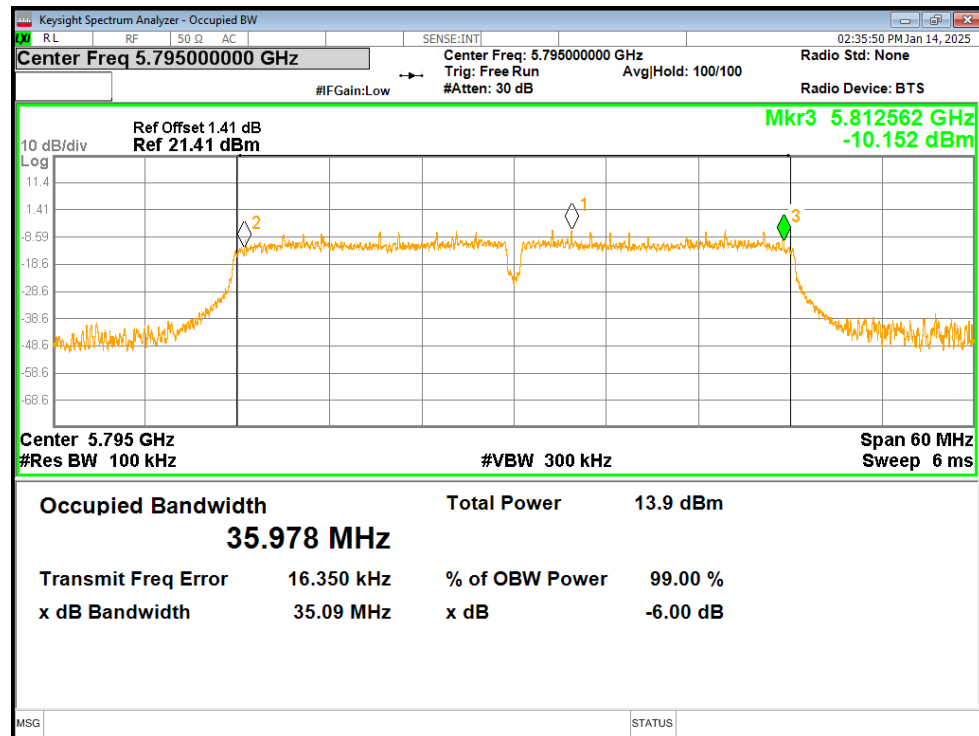
-6dB Bandwidth NVNT ac20 5825MHz Ant1



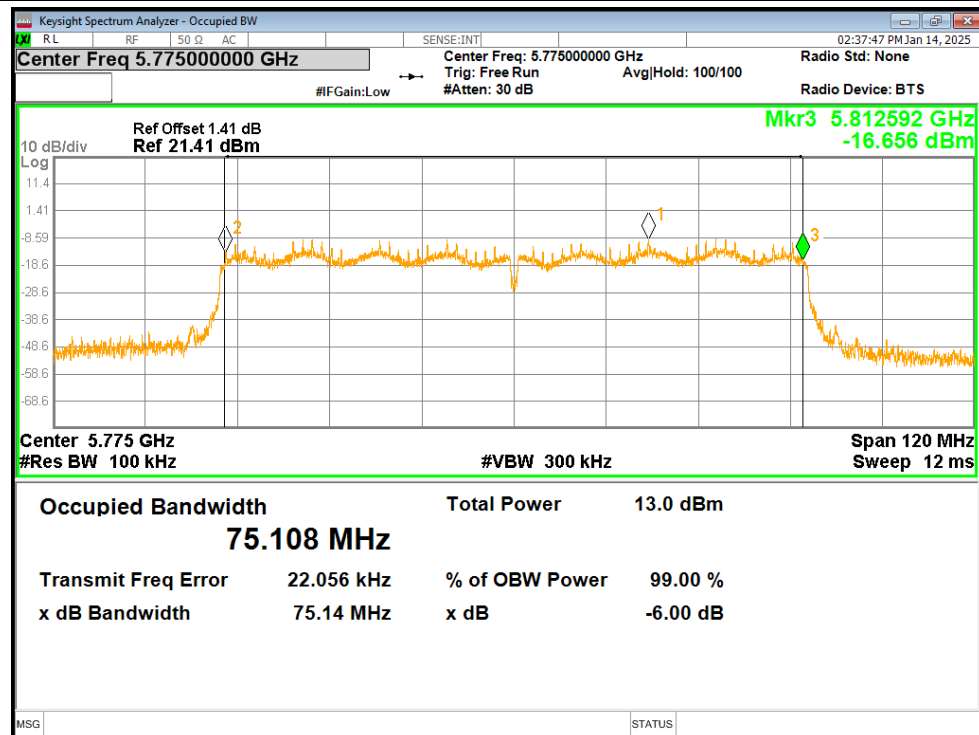
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

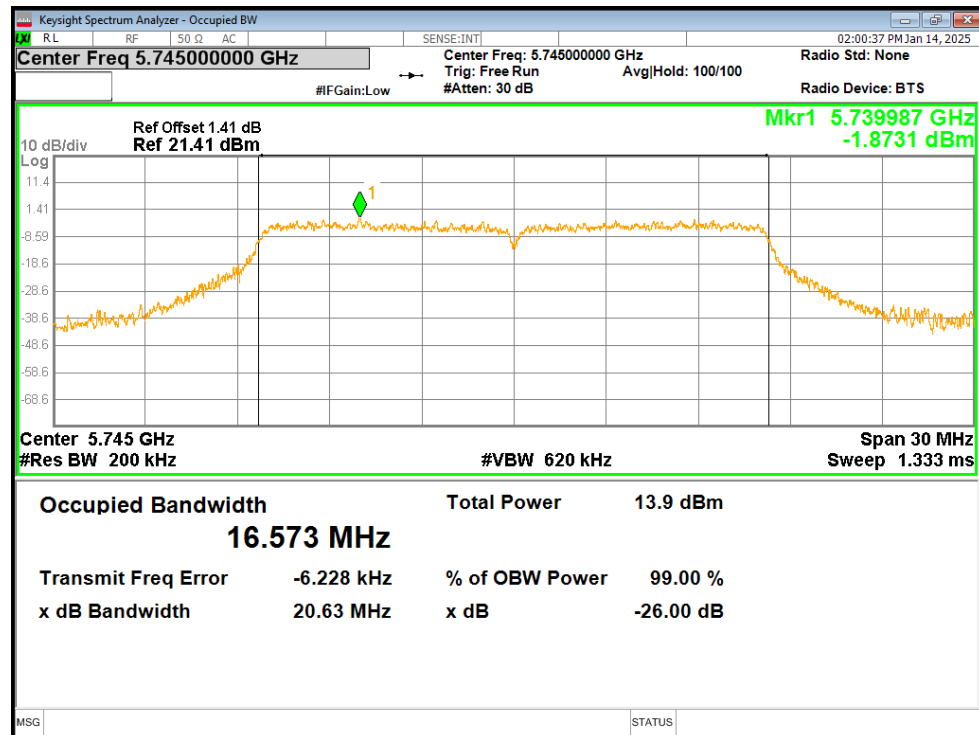


4.Occupied Channel Bandwidth

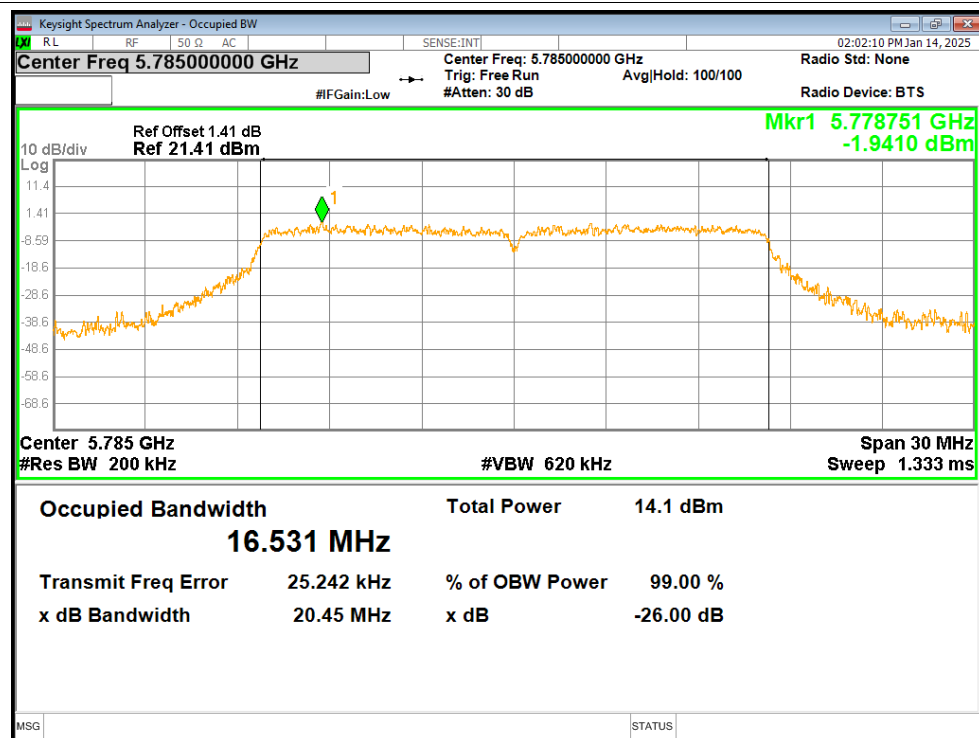
Mode	Frequency (MHz)	99% OBW (MHz)
a	5745	16.573
a	5785	16.531
a	5825	16.544
n20	5745	17.645
n20	5785	17.619
n20	5825	17.603
n40	5755	36.17
n40	5795	36.211
ac20	5745	17.683
ac20	5785	17.633
ac20	5825	17.646
ac40	5755	36.087
ac40	5795	36.161
ac80	5775	75.275

Test Graphs

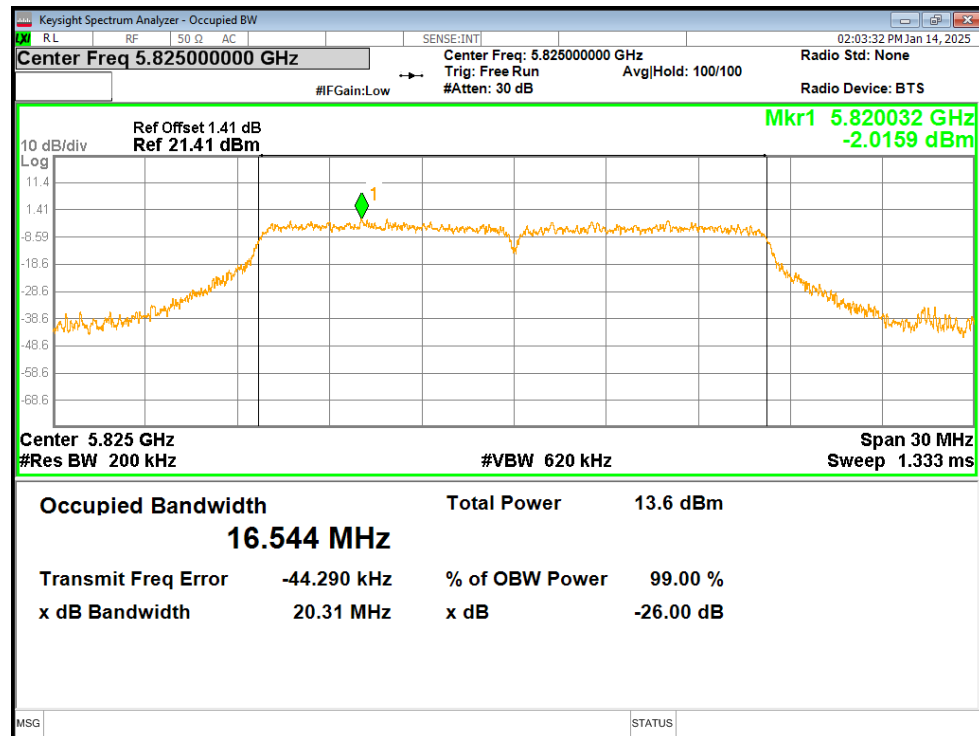
OBW NVNT a 5745MHz Ant1



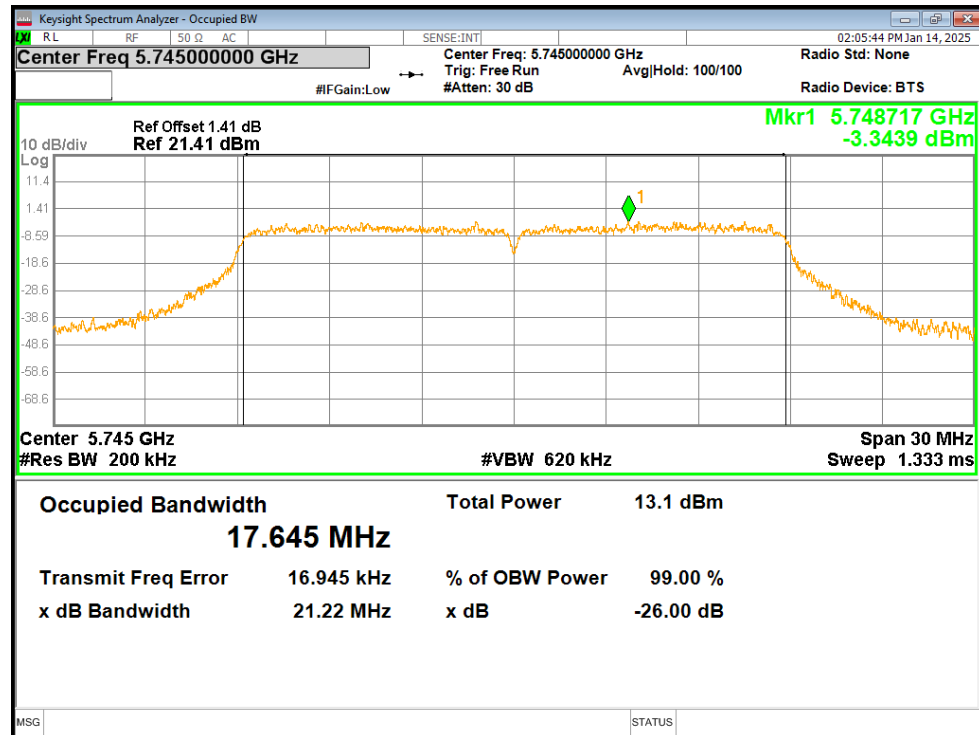
OBW NVNT a 5785MHz Ant1



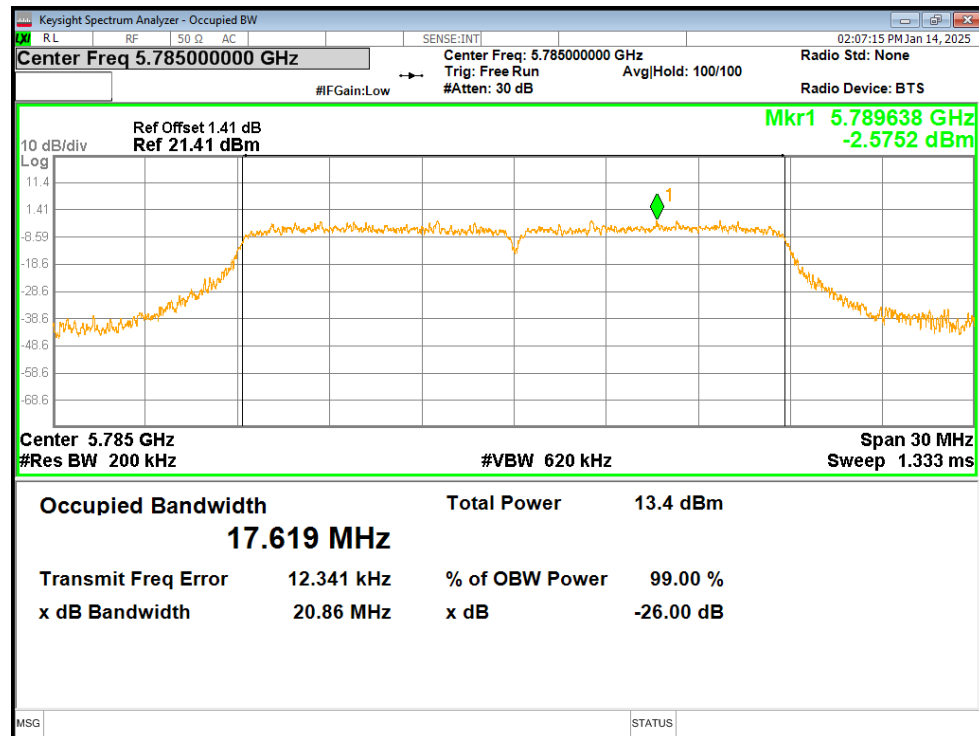
OBW NVNT a 5825MHz Ant1



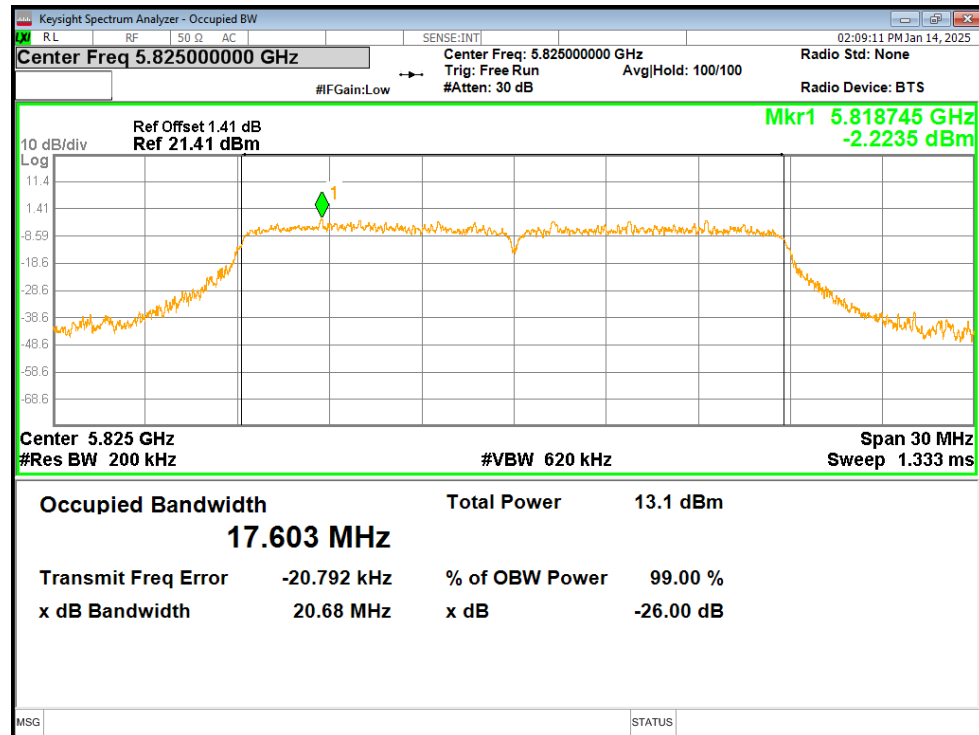
OBW NVNT n20 5745MHz Ant1



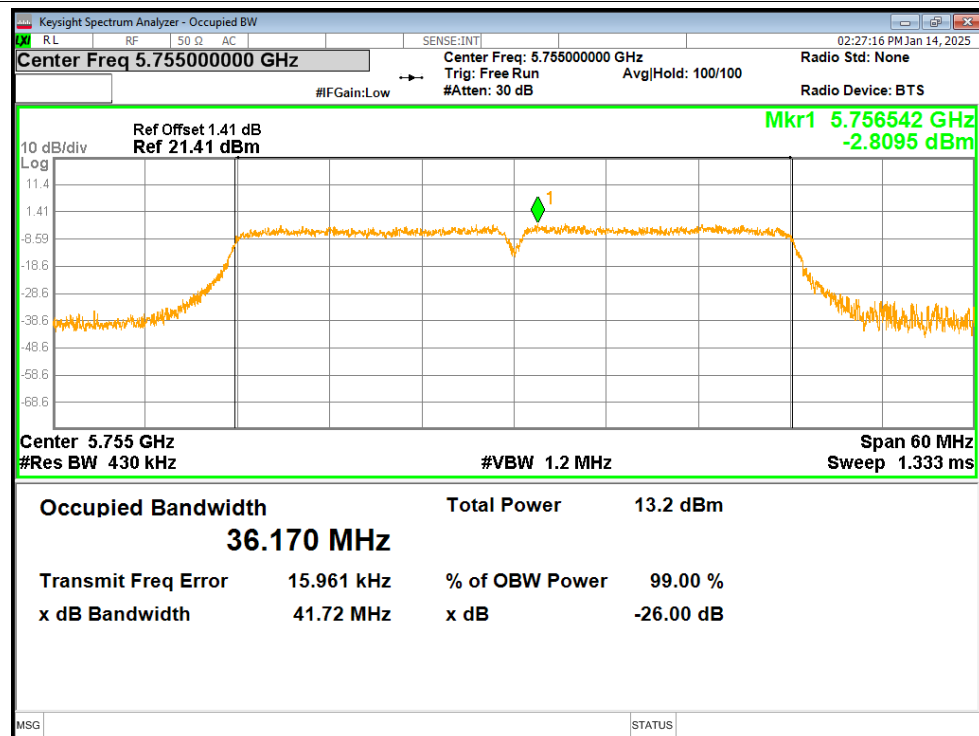
OBW NVNT n20 5785MHz Ant1



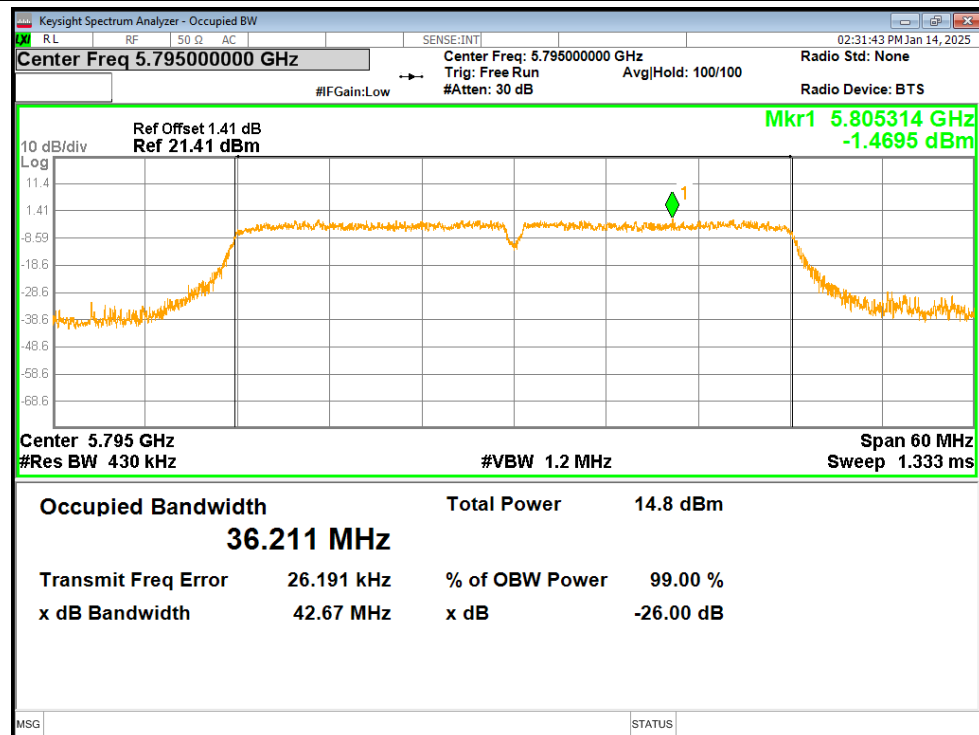
OBW NVNT n20 5825MHz Ant1



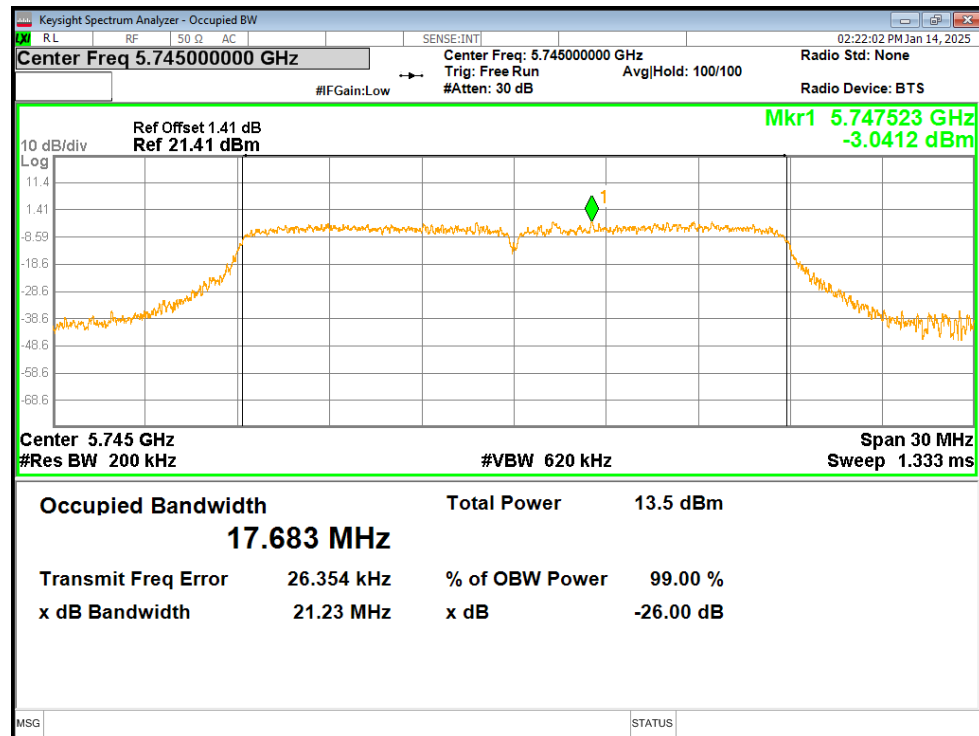
OBW NVNT n40 5755MHz Ant1



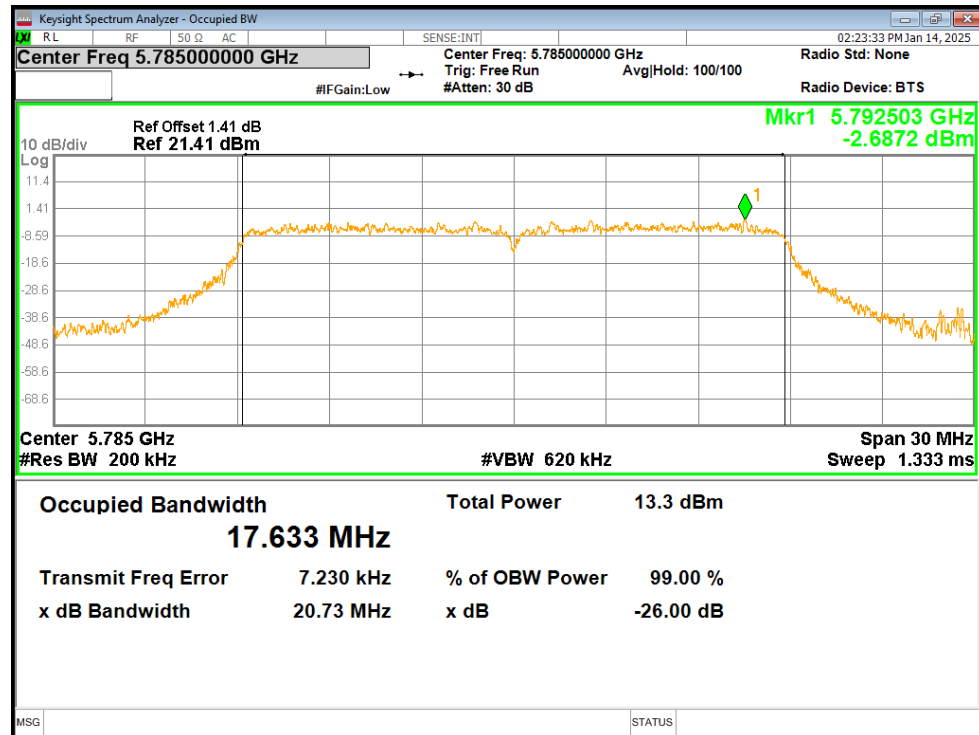
OBW NVNT n40 5795MHz Ant1



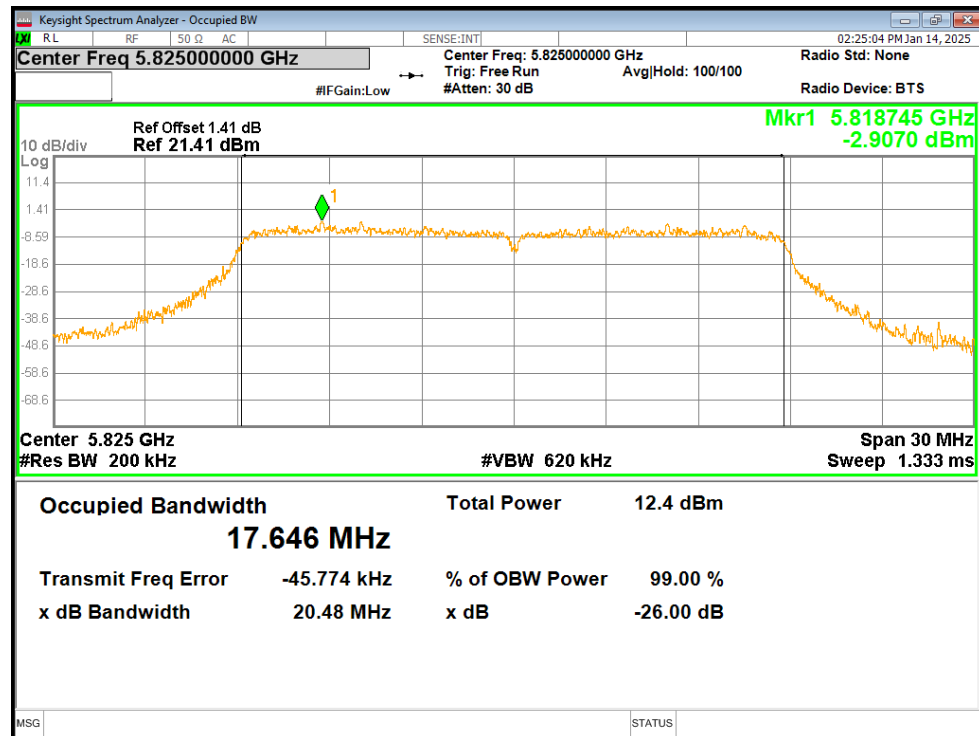
OBW NVNT ac20 5745MHz Ant1



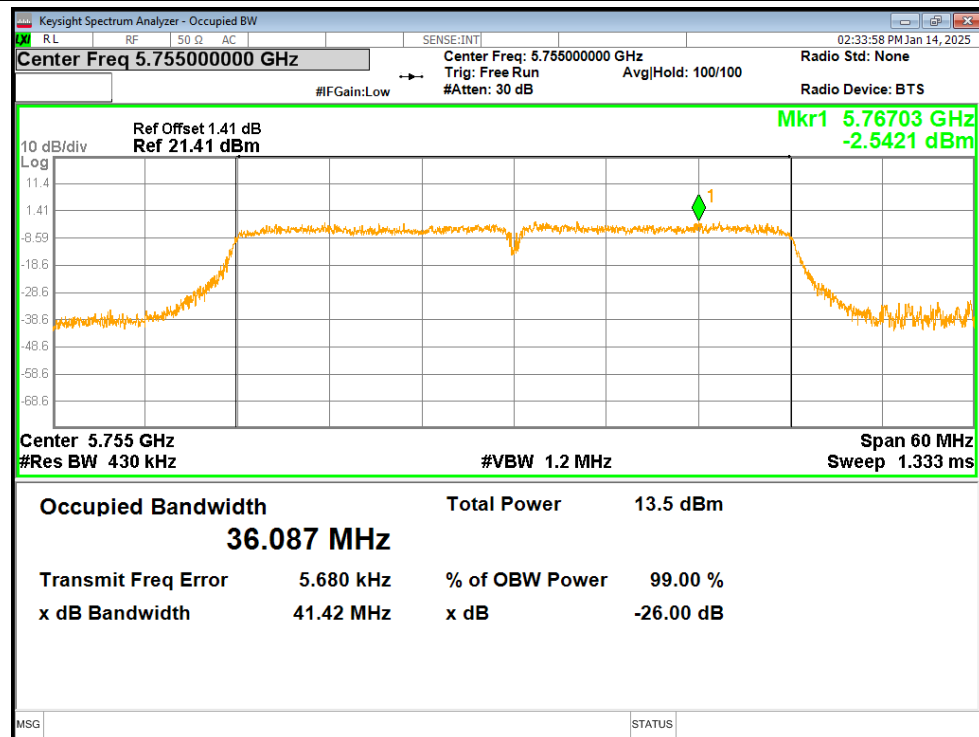
OBW NVNT ac20 5785MHz Ant1



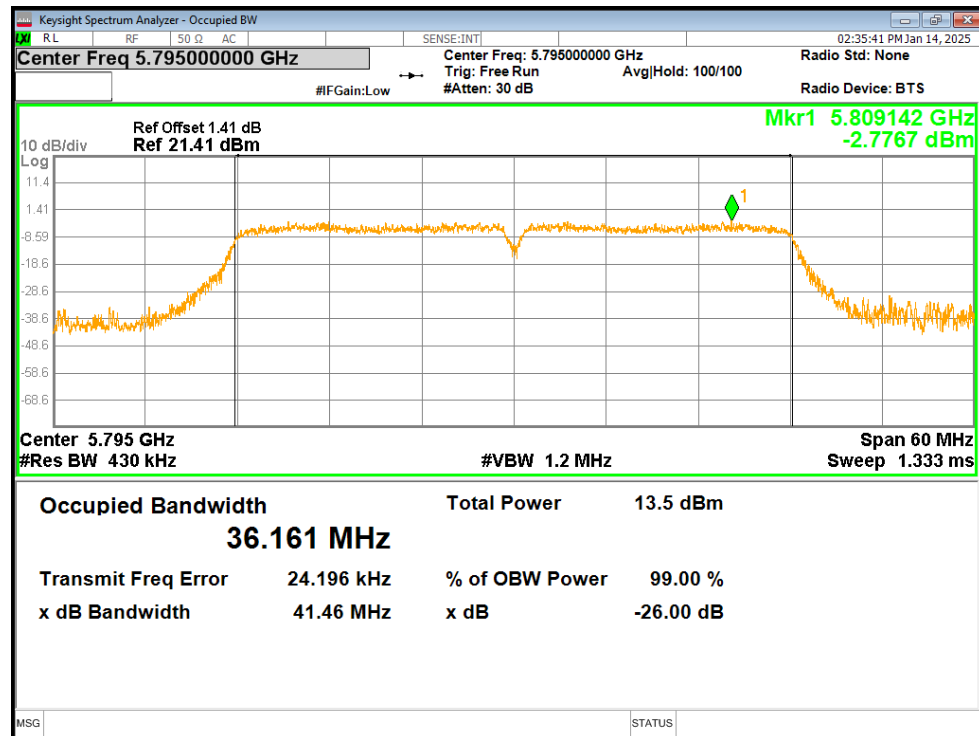
OBW NVNT ac20 5825MHz Ant1



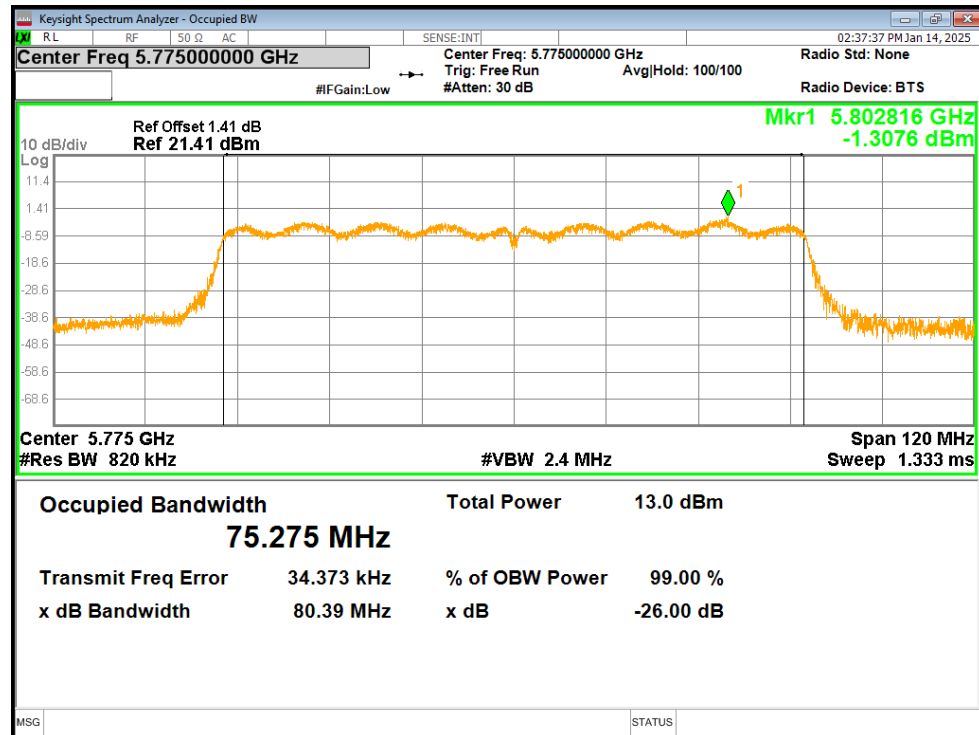
OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1



5.Maximum Power Spectral Density Level

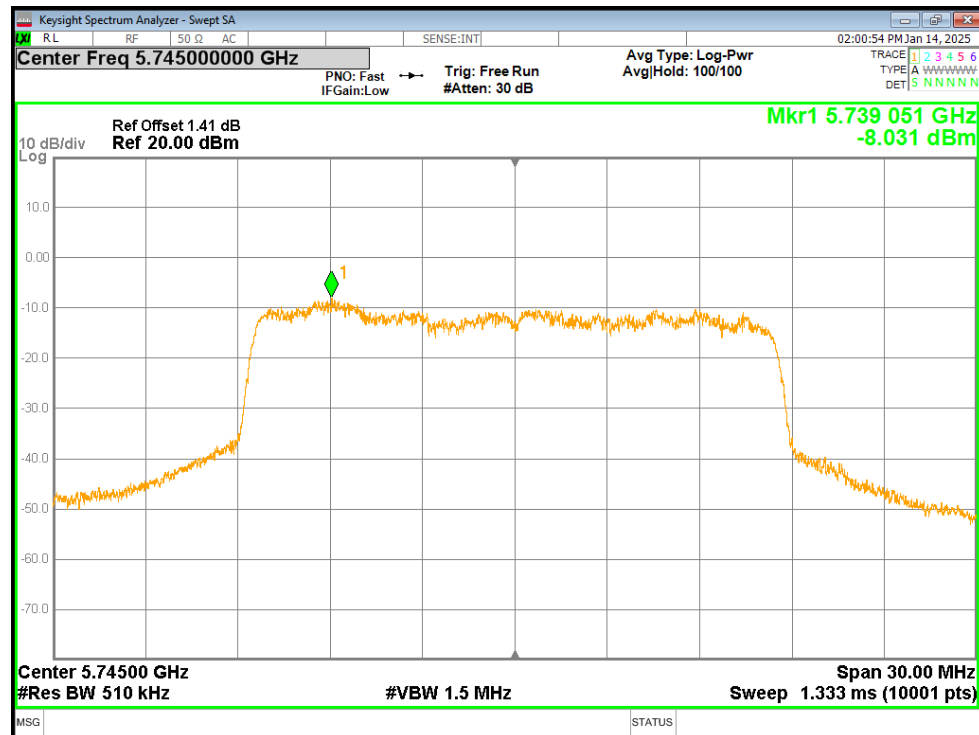
Mode	Frequency (MHz)	Conducted PSD	Duty Factor (dB)	RB factor(dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
a	5745	-8.03	0.27	-0.086	-7.85	30	Pass
a	5785	-7.94	0	-0.086	-8.03	30	Pass
a	5825	-7.46	0.1	-0.086	-7.45	30	Pass
n20	5745	-9.54	0.16	-0.086	-9.47	30	Pass
n20	5785	-7.96	0.35	-0.086	-7.70	30	Pass
n20	5825	-9.56	0.09	-0.086	-9.56	30	Pass
n40	5755	-15.32	0.72	-0.086	-14.69	30	Pass
n40	5795	-12.36	0.27	-0.086	-12.18	30	Pass
ac20	5745	-9.22	0.3	-0.086	-9.01	30	Pass
ac20	5785	-9.29	0.26	-0.086	-9.12	30	Pass
ac20	5825	-9.57	0.18	-0.086	-9.48	30	Pass
ac40	5755	-14.42	0.68	-0.086	-13.83	30	Pass
ac40	5795	-13.28	0.22	-0.086	-13.15	30	Pass
ac80	5775	-20.13	0.78	-0.086	-19.44	30	Pass

RB factor = $10 \lg (\text{Measure RB} / 500)$, Measure RB = 510 kHz

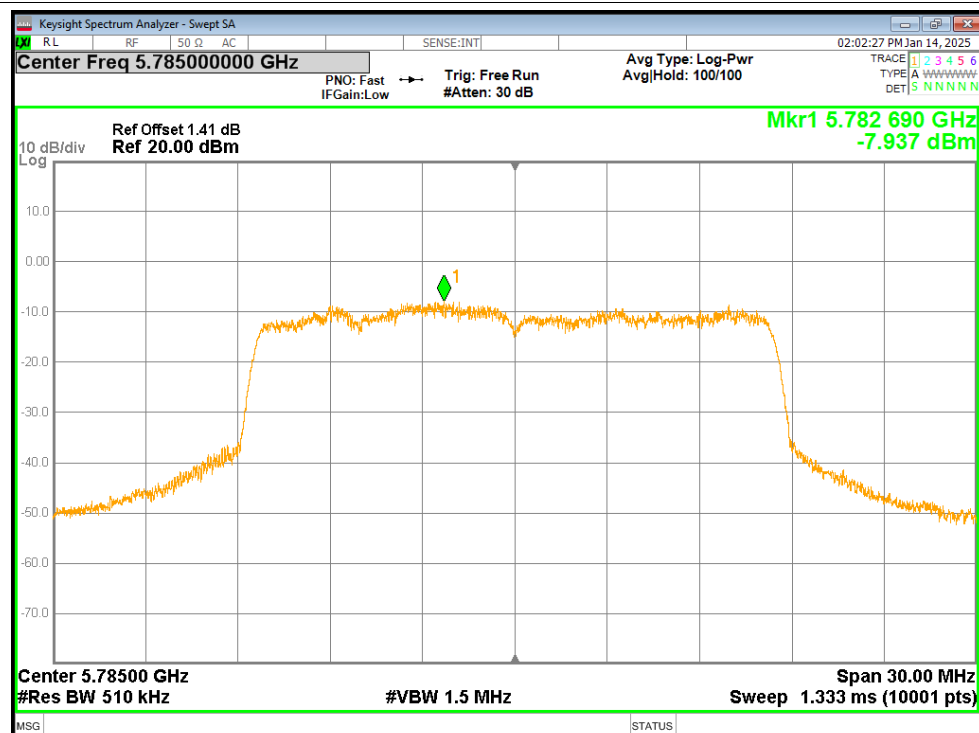
Total PSD = Conducted PSD + Duty factor(dB) + RB factor(dB)

Test Graphs

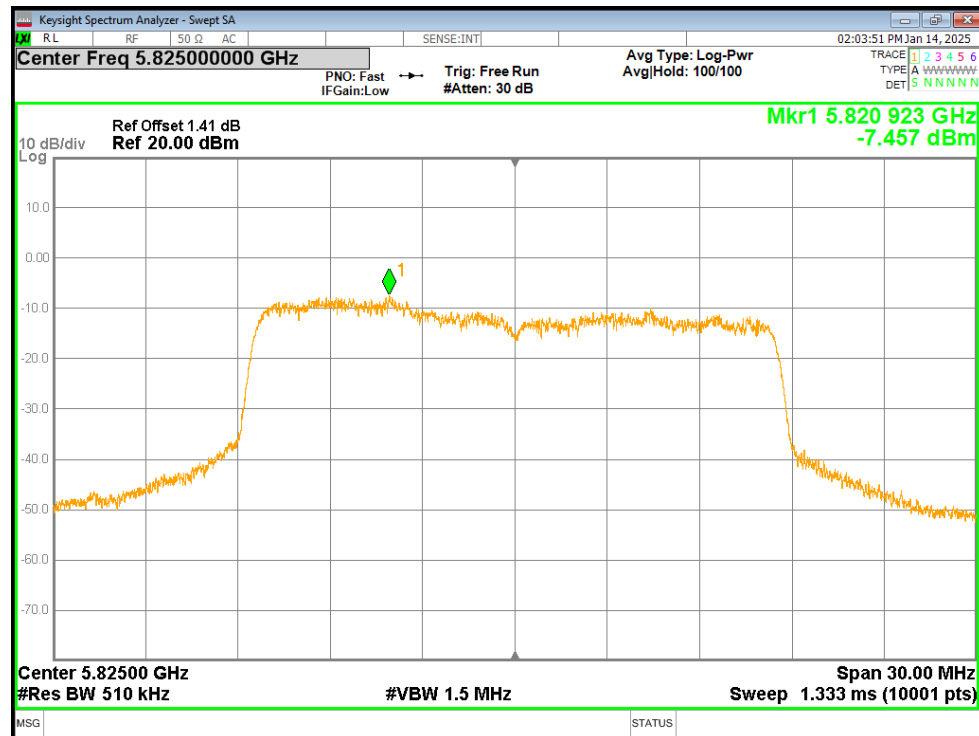
PSD NVNT a 5745MHz Ant1



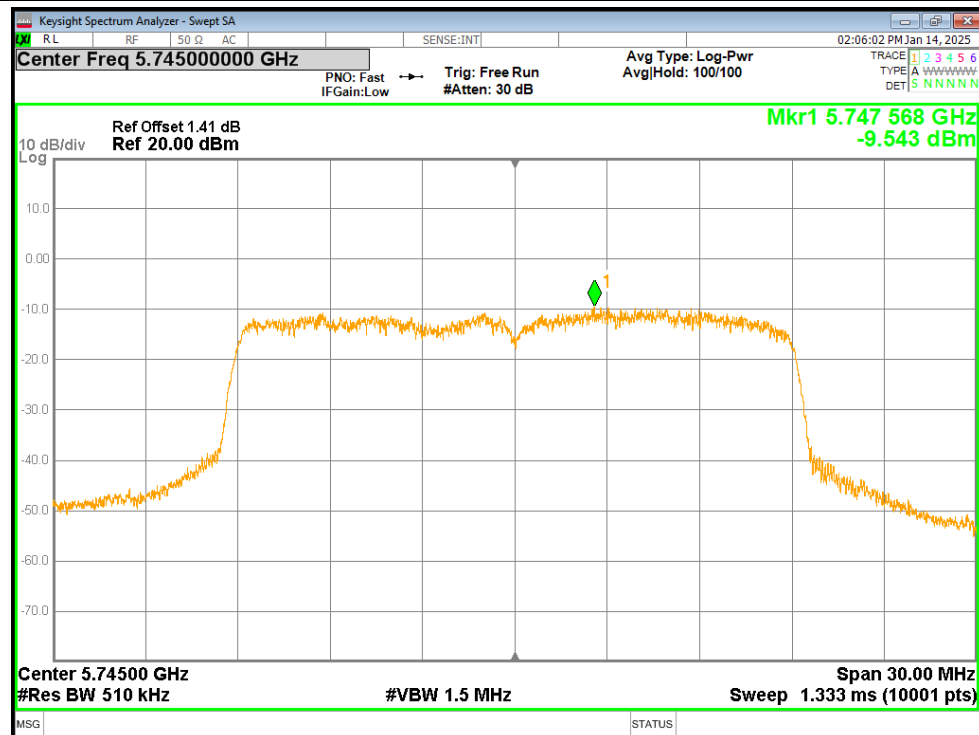
PSD NVNT a 5785MHz Ant1



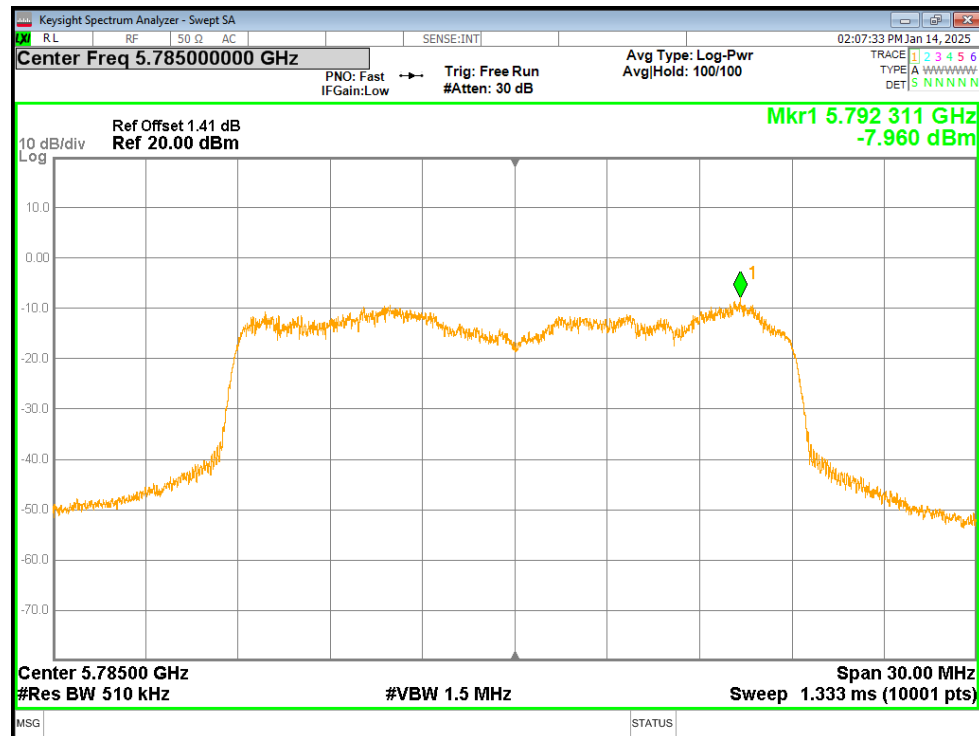
PSD NVNT a 5825MHz Ant1



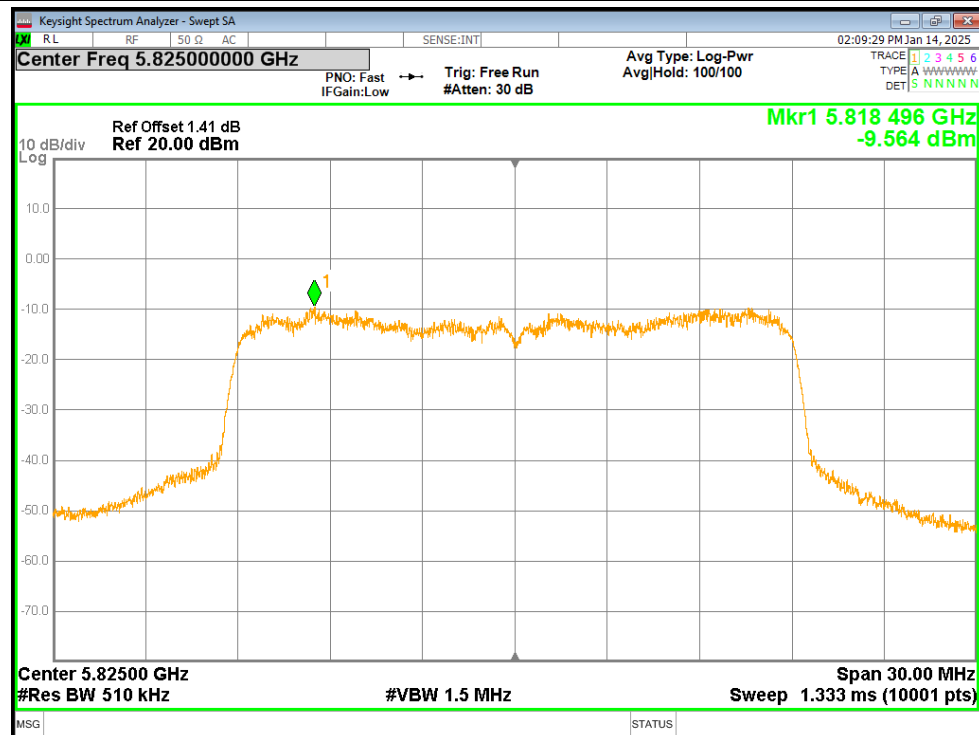
PSD NVNT n20 5745MHz Ant1



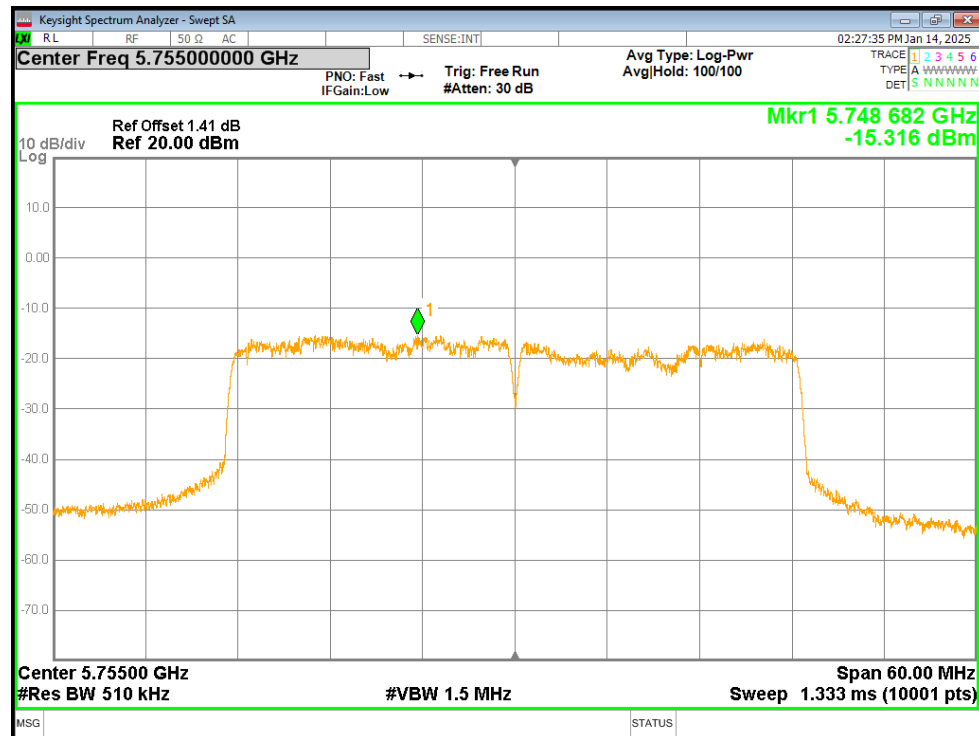
PSD NVNT n20 5785MHz Ant1



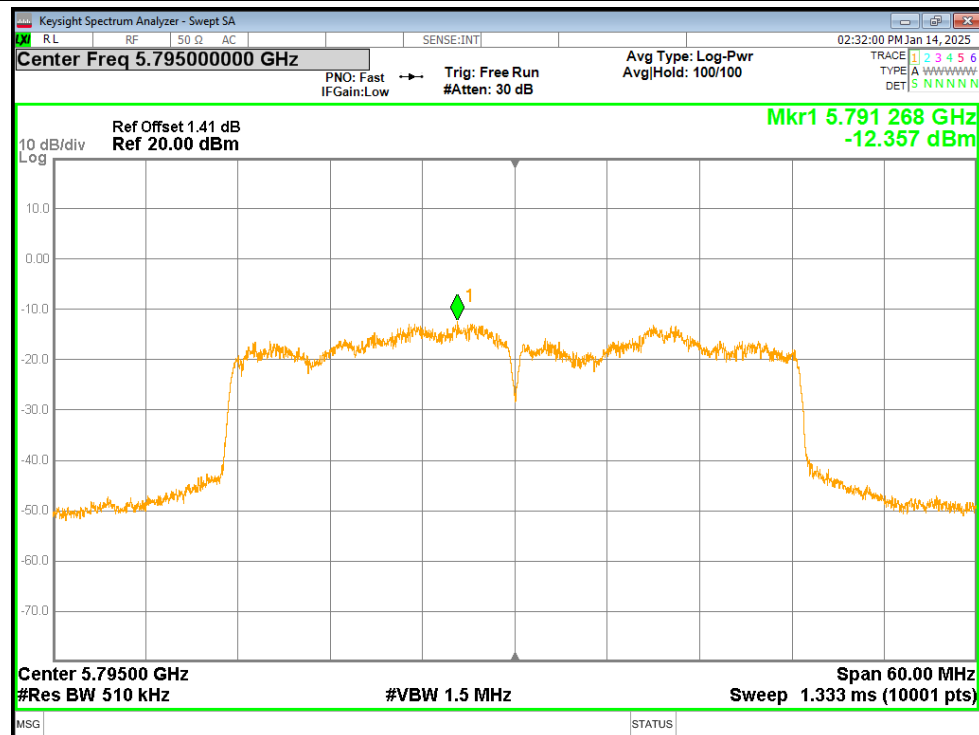
PSD NVNT n20 5825MHz Ant1



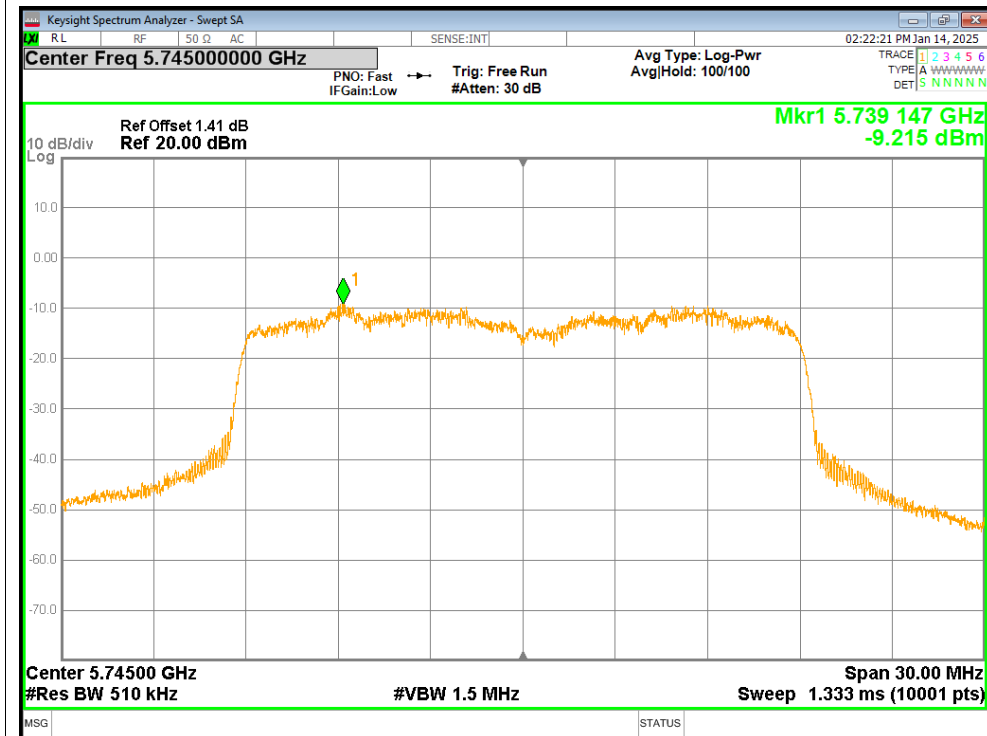
PSD NVNT n40 5755MHz Ant1



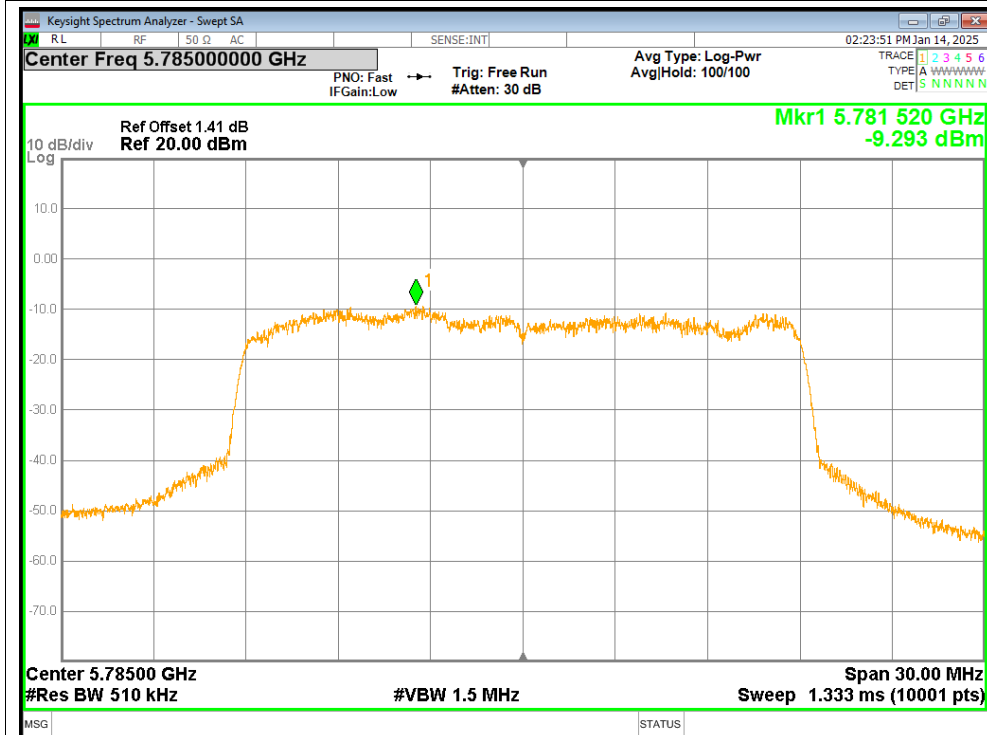
PSD NVNT n40 5795MHz Ant1



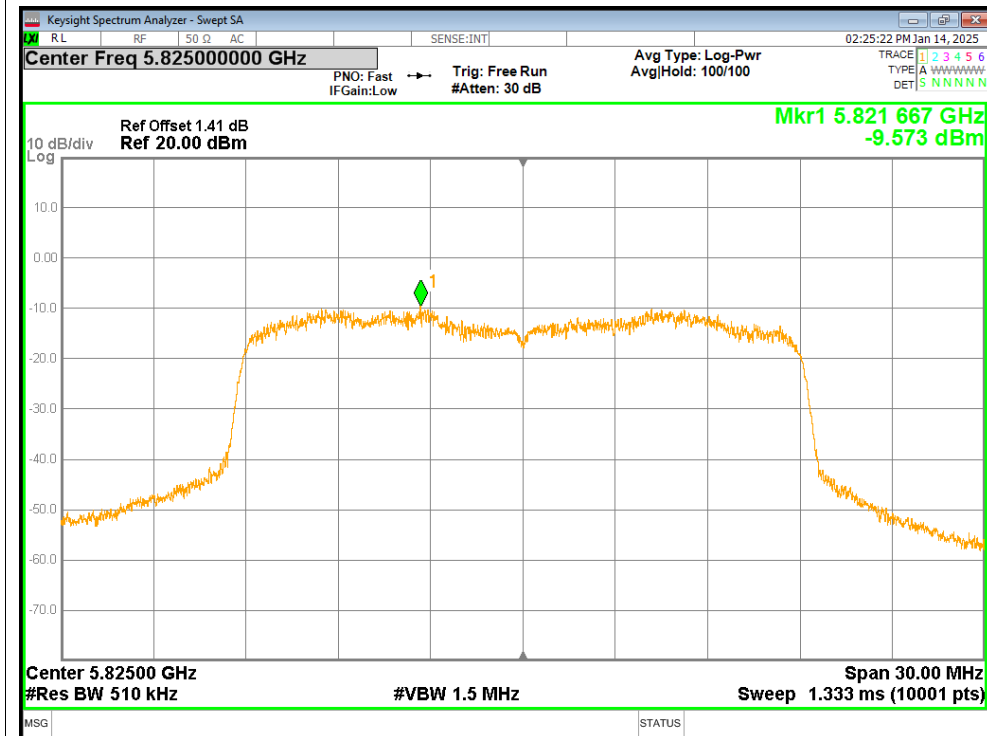
PSD NVNT ac20 5745MHz Ant1



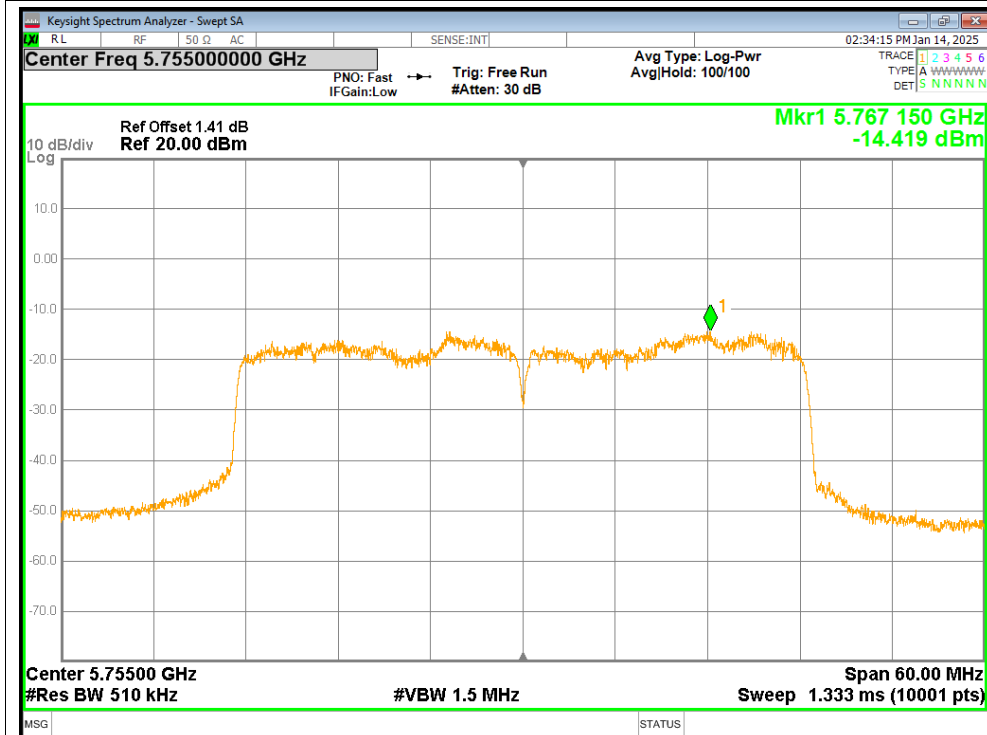
PSD NVNT ac20 5785MHz Ant1



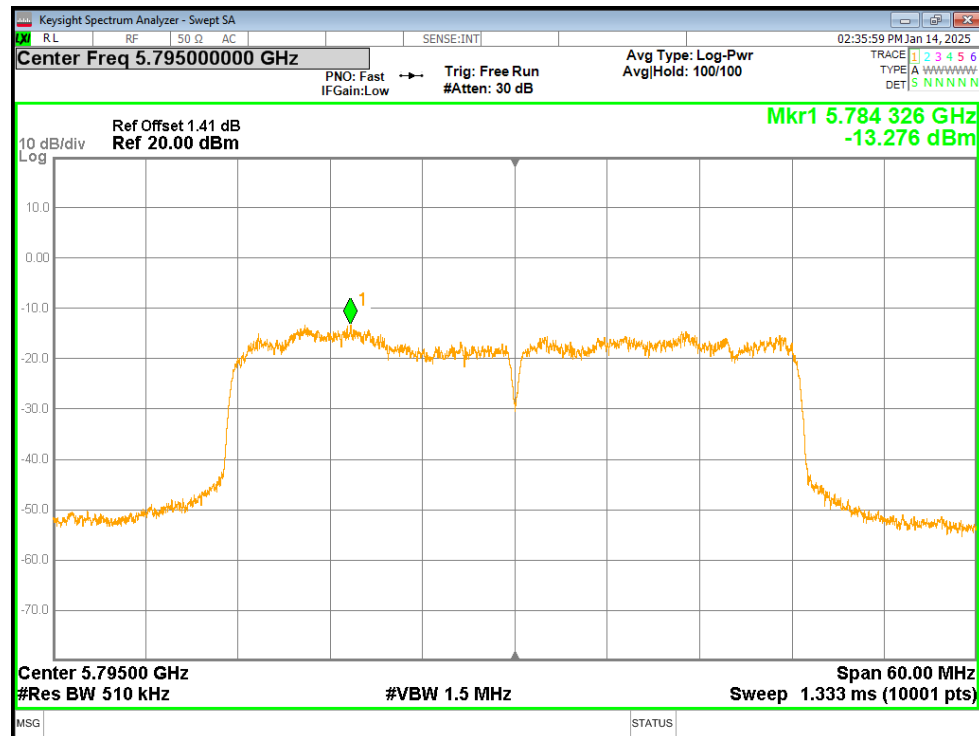
PSD NVNT ac20 5825MHz Ant1



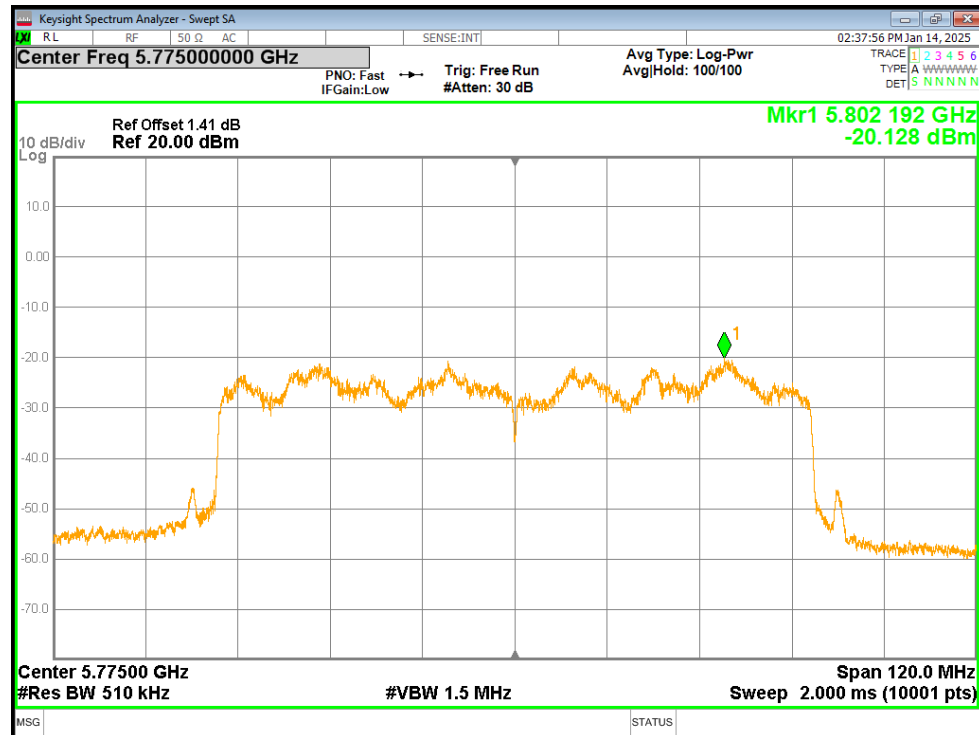
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

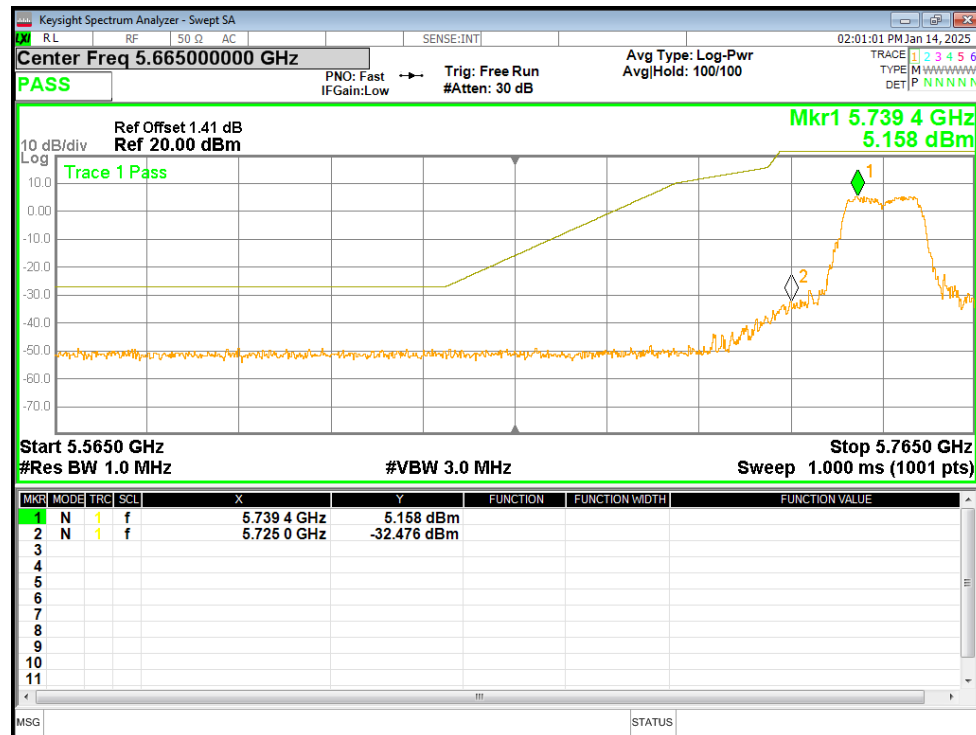


6.Band Edge

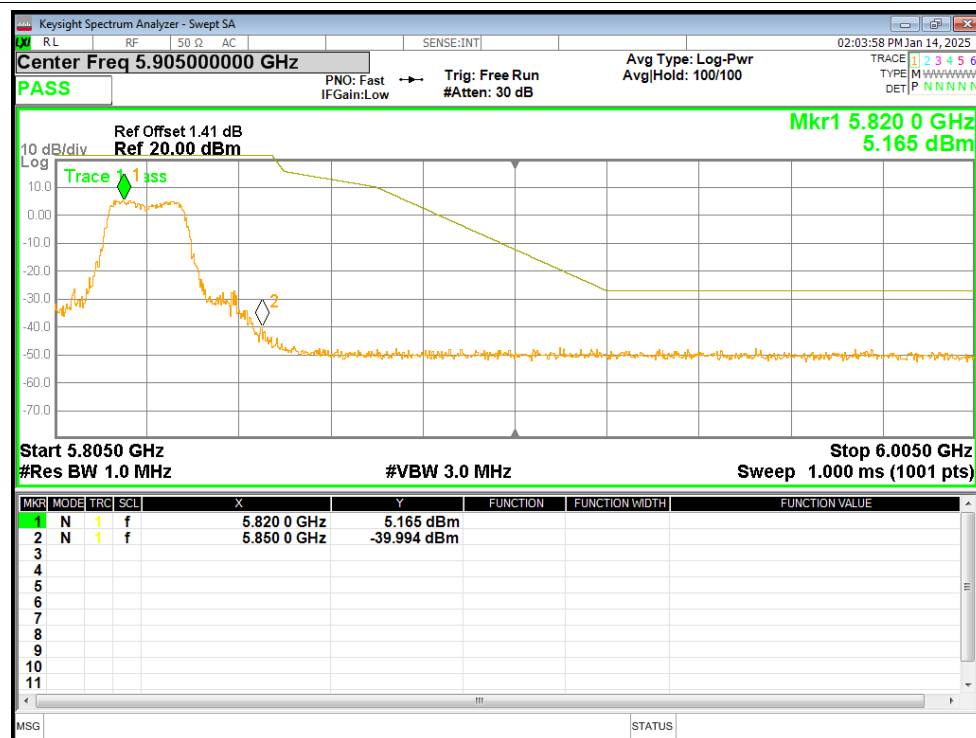
Mode	Frequency (MHz)	Max Value (dBm)	Verdict
a	5745	-32.47	Pass
a	5825	-39.99	Pass
n20	5745	-33.54	Pass
n20	5825	-41.52	Pass
n40	5755	-33.46	Pass
n40	5795	-43.4	Pass
ac20	5745	-31	Pass
ac20	5825	-43.26	Pass
ac40	5755	-31.68	Pass
ac40	5795	-46.69	Pass
ac80	5775	-35.69	Pass

Test Graphs

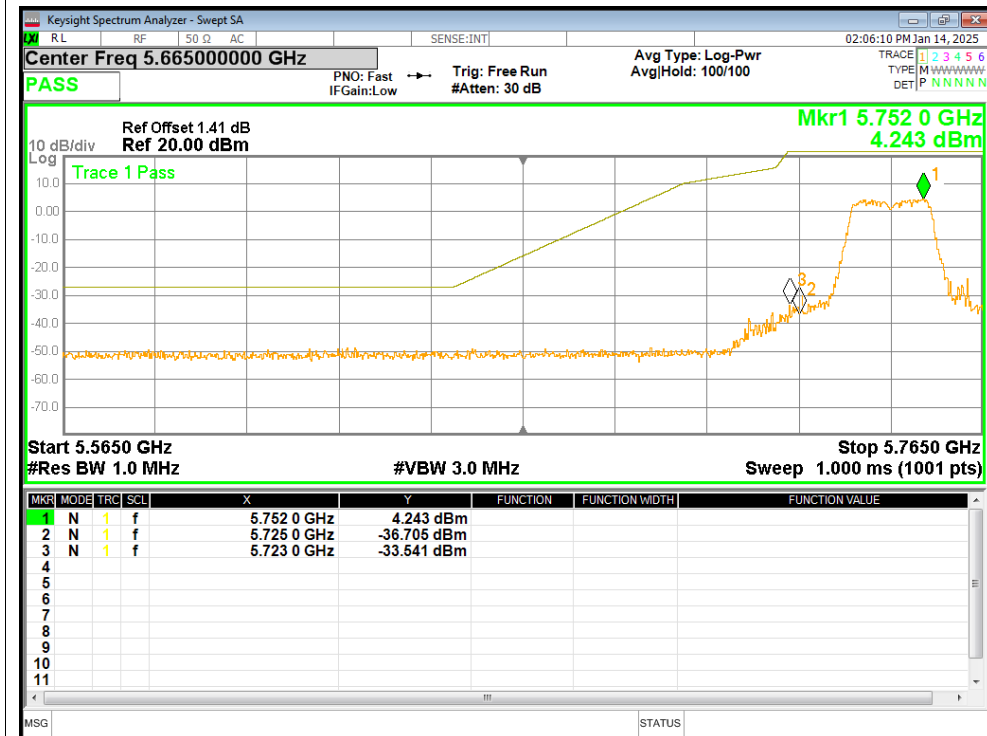
Band Edge NVNT a 5745MHz Low Ant1



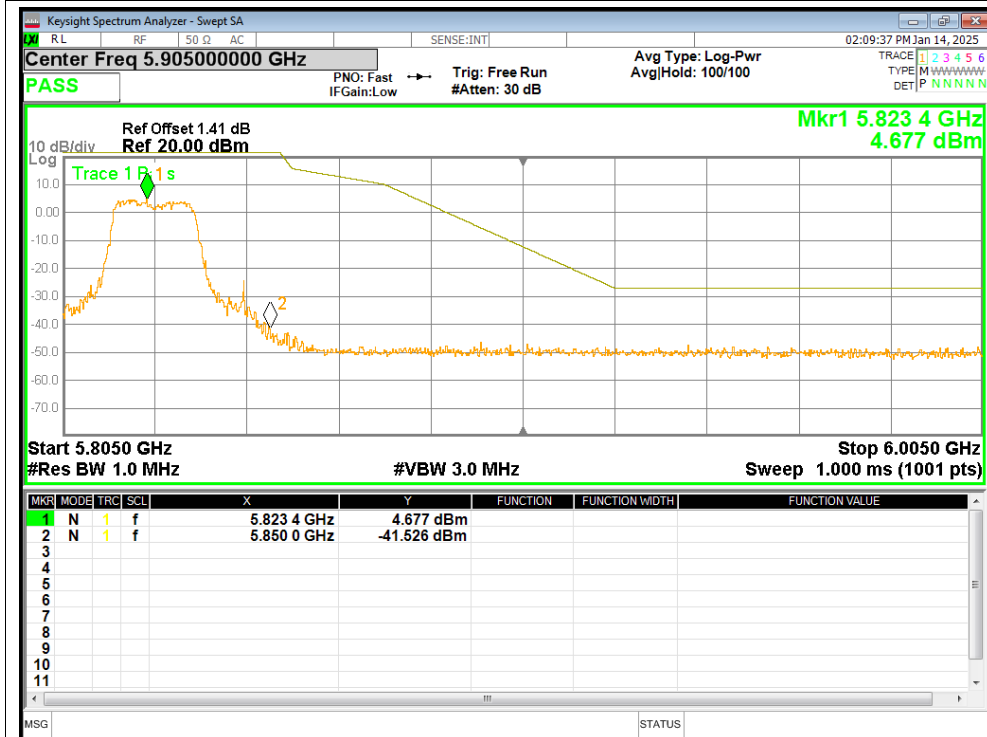
Band Edge NVNT a 5825MHz High Ant1



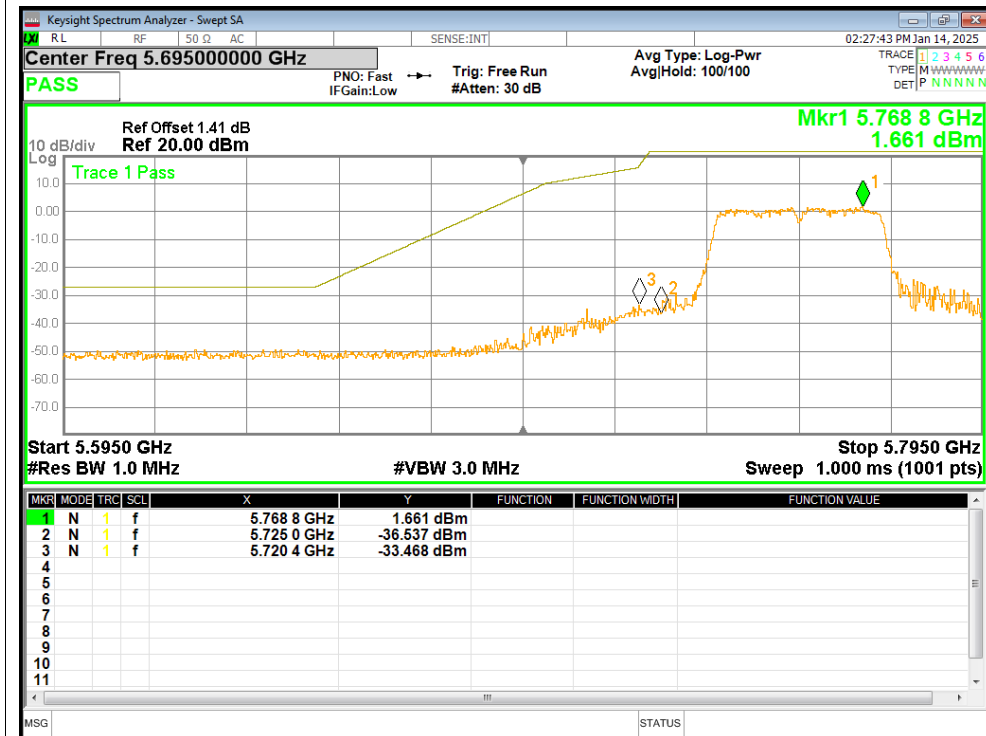
Band Edge NVNT n20 5745MHz Low Ant1



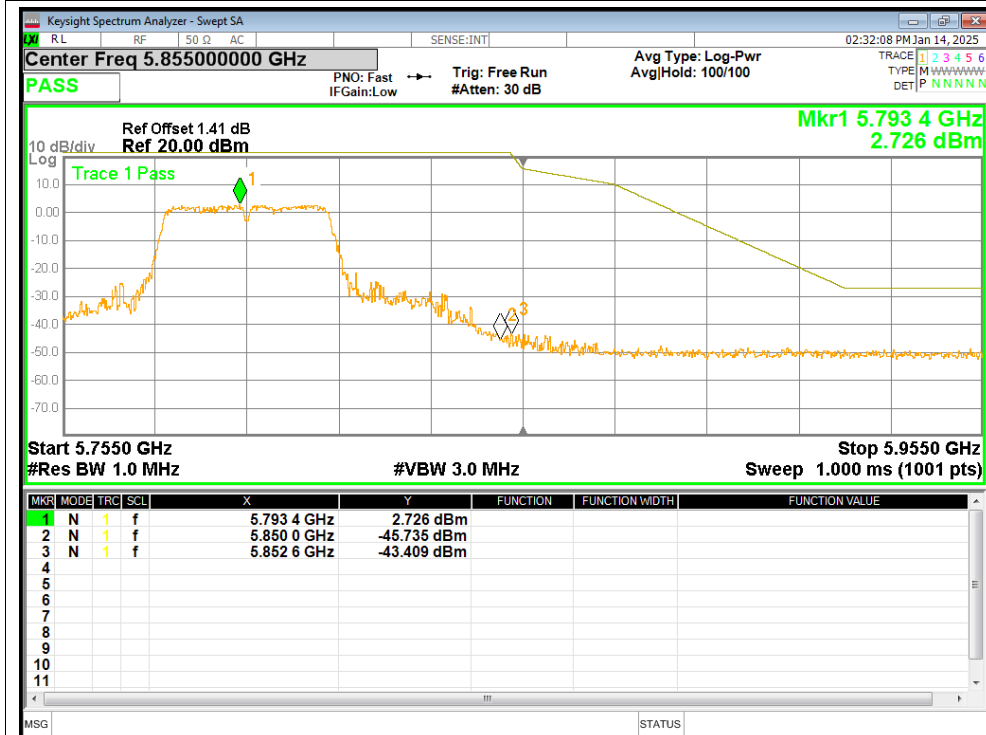
Band Edge NVNT n20 5825MHz High Ant1



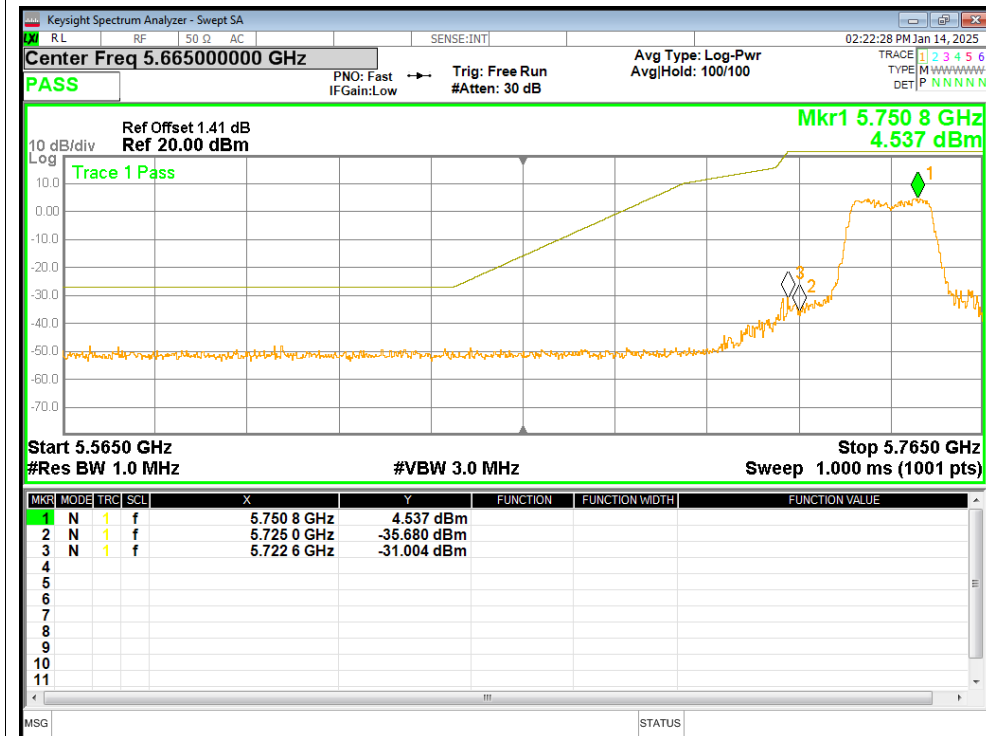
Band Edge NVNT n40 5755MHz Low Ant1



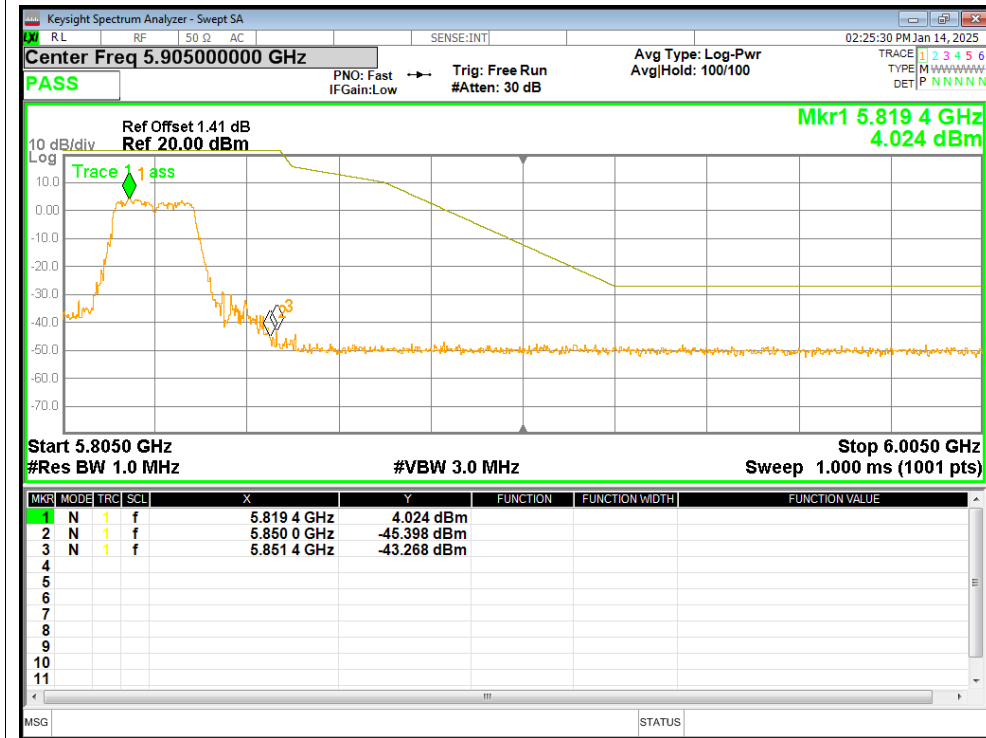
Band Edge NVNT n40 5795MHz High Ant1



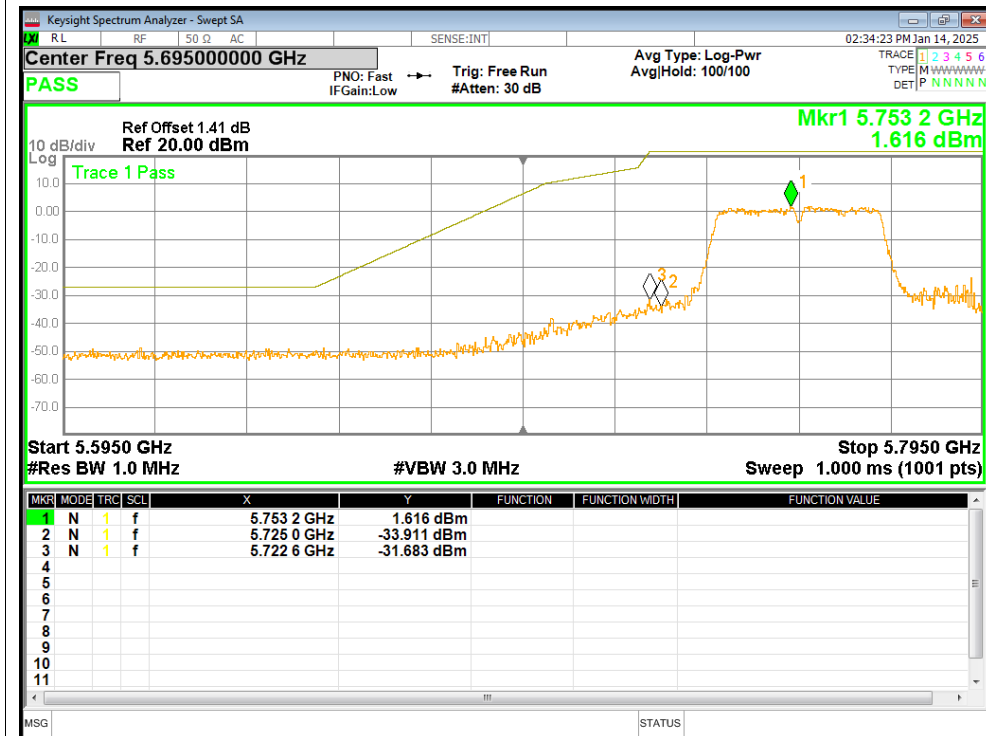
Band Edge NVNT ac20 5745MHz Low Ant1



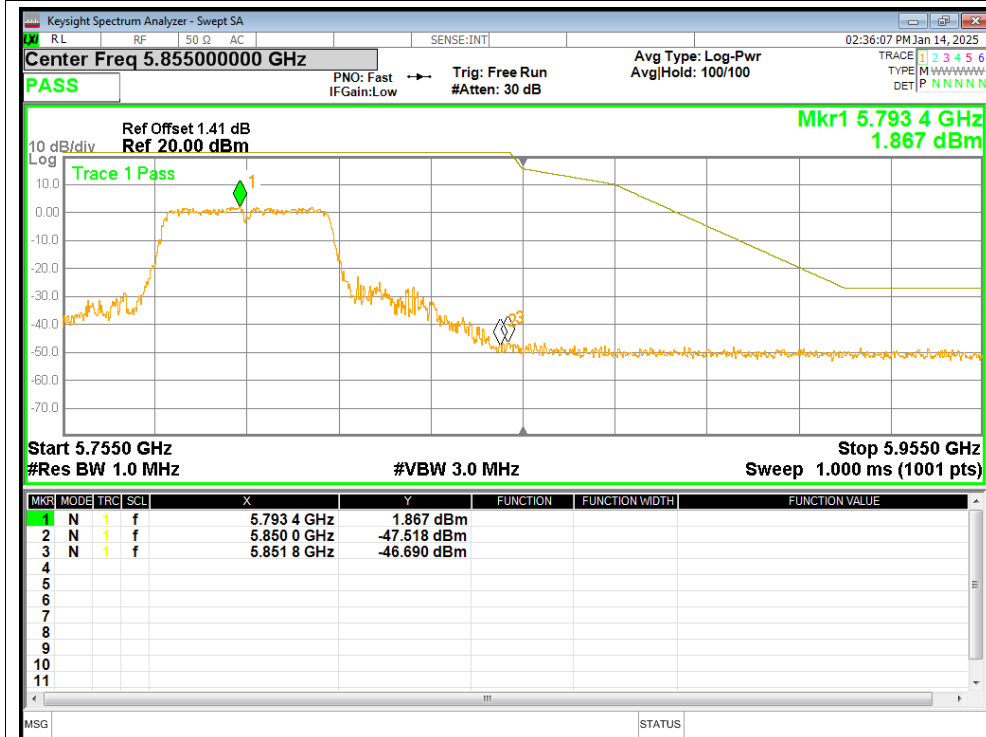
Band Edge NVNT ac20 5825MHz High Ant1



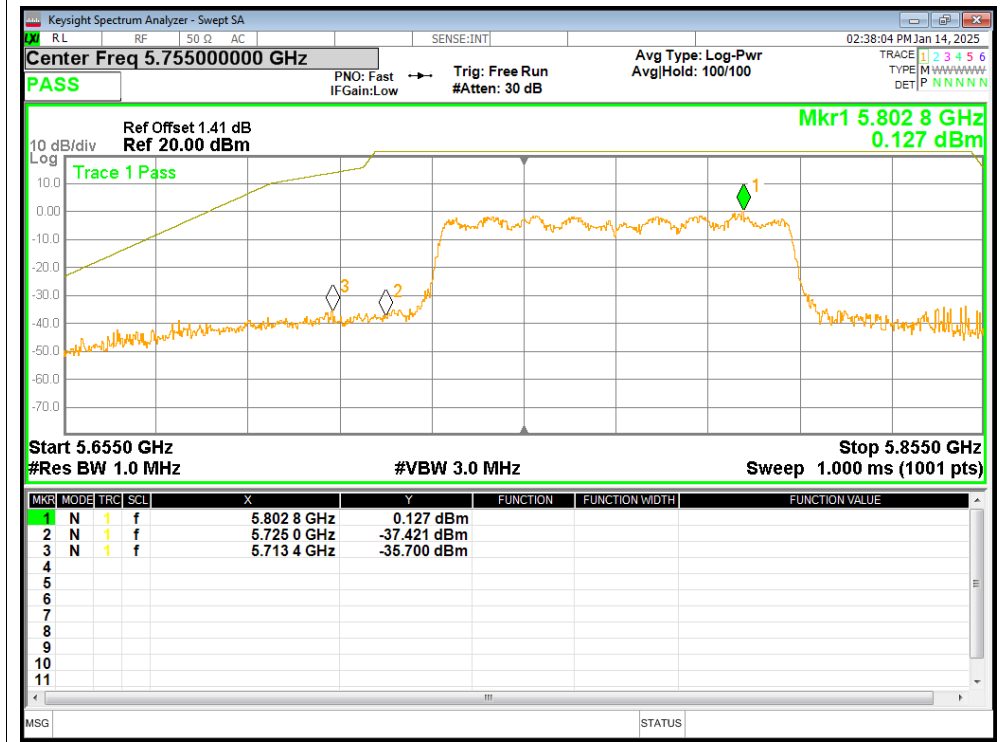
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ac80 5775MHz Low Ant1



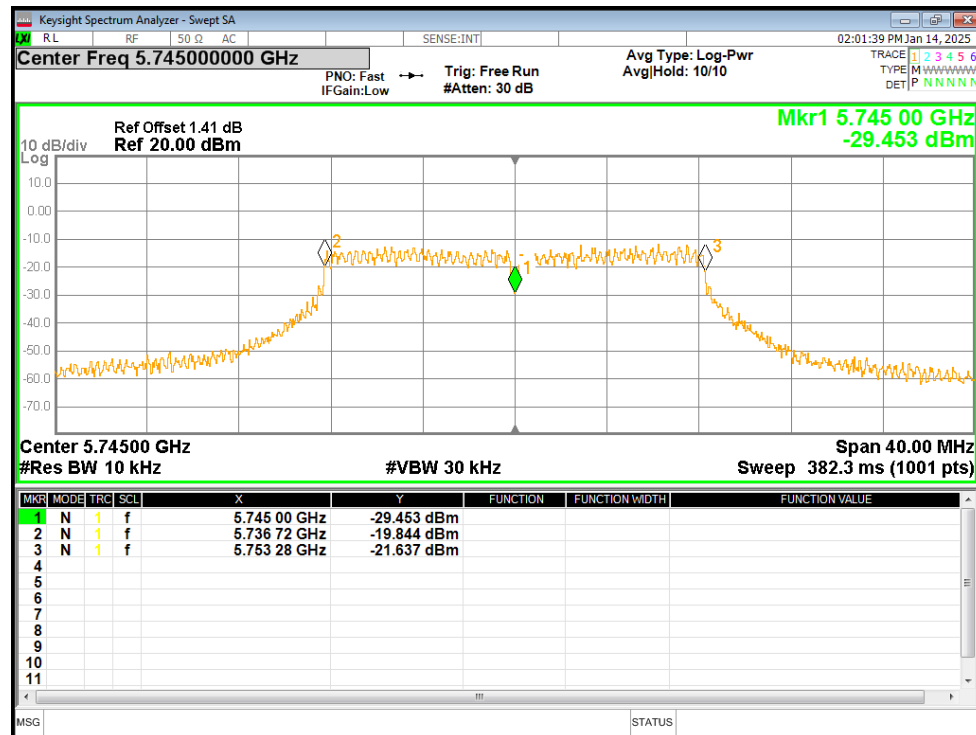
7.Frequency Stability

Mode	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5745	5745	0	0	Within 5745-5825MHz	Pass
a	5785	5784.98	-20000	-3.46		Pass
a	5825	5825	0	0		Pass
n20	5745	5745	0	0		Pass
n20	5785	5785.02	20000	3.46		Pass
n20	5825	5824.98	-20000	-3.43		Pass
n40	5755	5755	0	0	Within 5755-5795MHz	Pass
n40	5795	5795	0	0		Pass
ac20	5745	5744.98	-20000	-3.48	Within 5745-5825MHz	Pass
ac20	5785	5785	0	0		Pass
ac20	5825	5824.98	-20000	-3.43		Pass
ac40	5755	5755	0	0	Within 5755-5795MHz	Pass
ac40	5795	5795	0	0		Pass
ac80	5775	5774.92	-80000	-13.85	Within 5775MHz	Pass

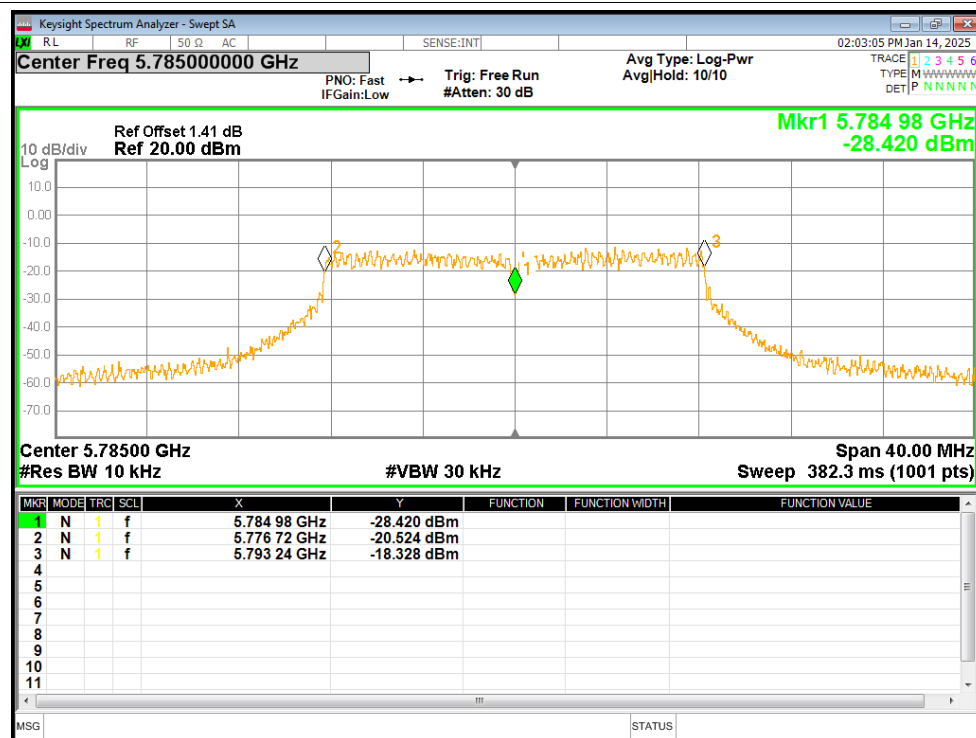
Note: Test temperature: -20° to + 70°. At room temperature, the test results are the worst, only reflecting the test results graphs at room temperature.

Test Graphs

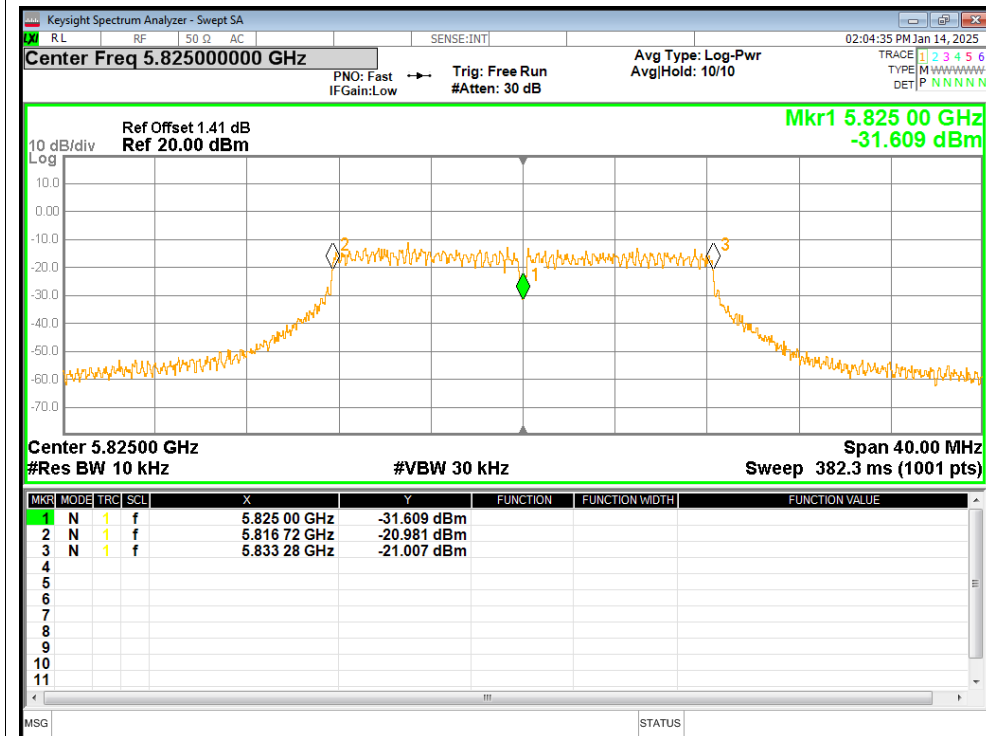
Freq. Stability NVNT a 5745MHz Ant1



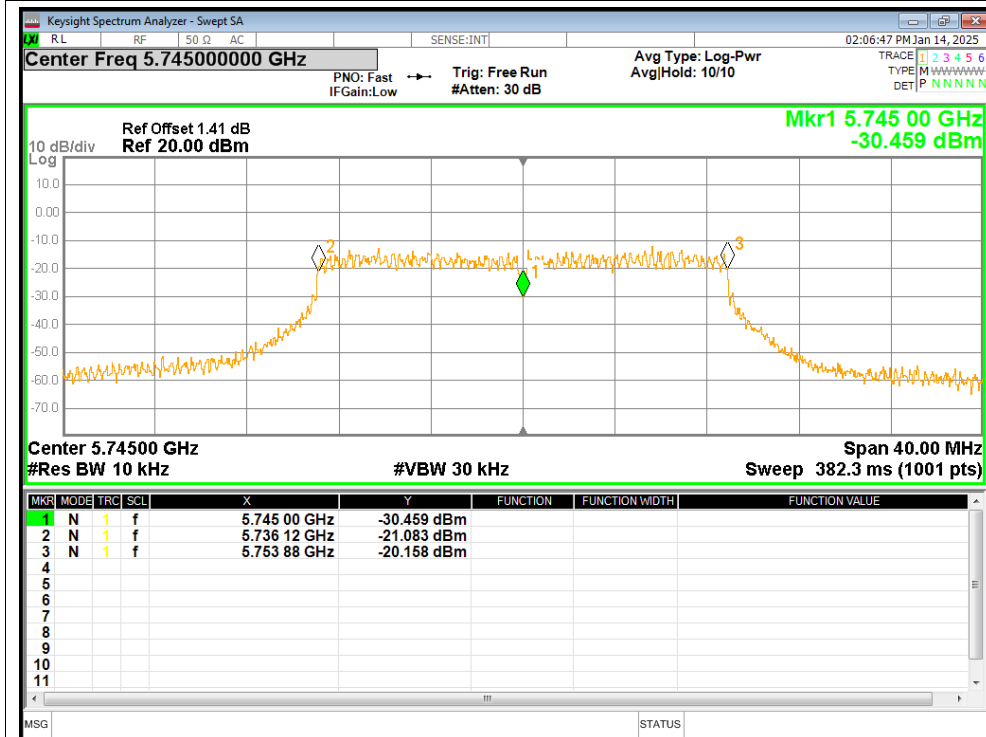
Freq. Stability NVNT a 5785MHz Ant1



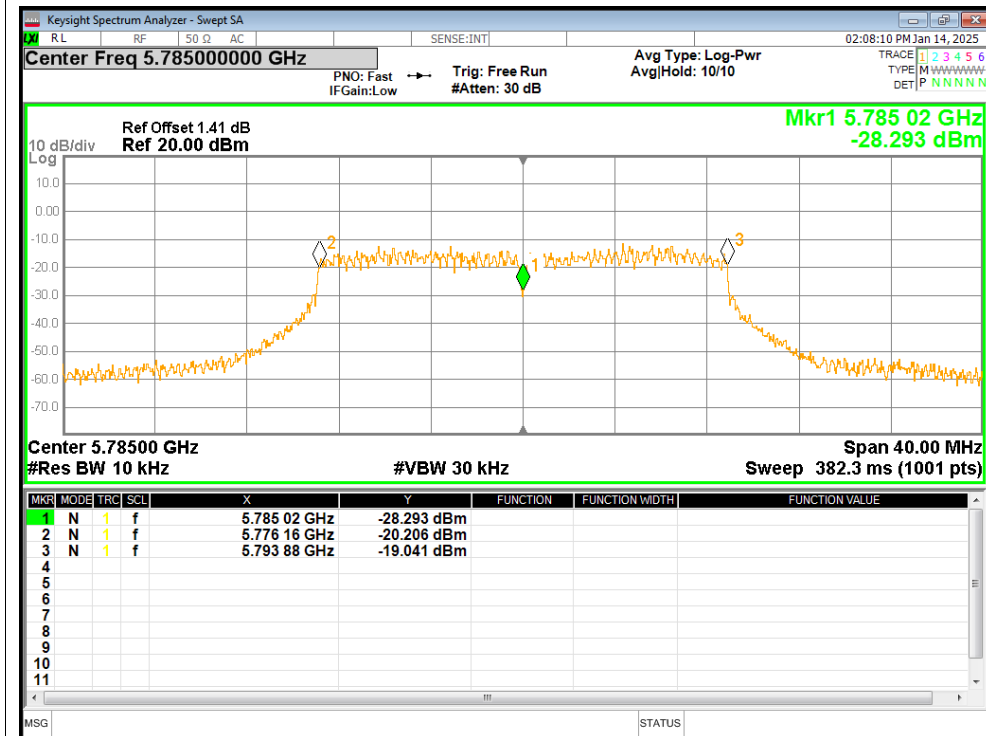
Freq. Stability NVNT a 5825MHz Ant1



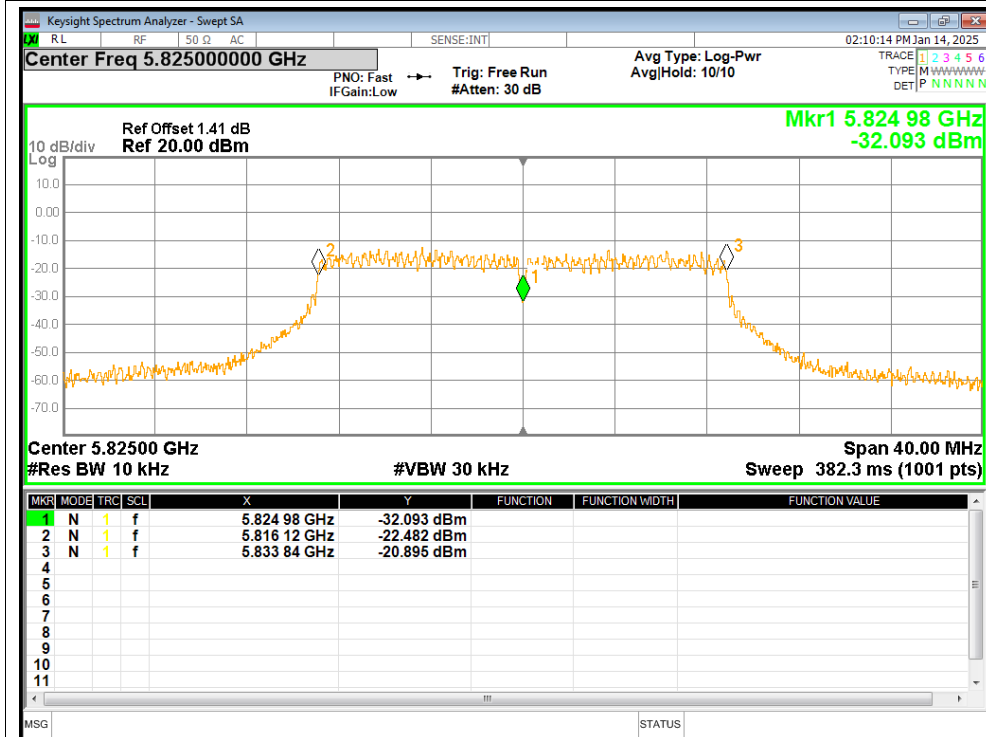
Freq. Stability NVNT n20 5745MHz Ant1



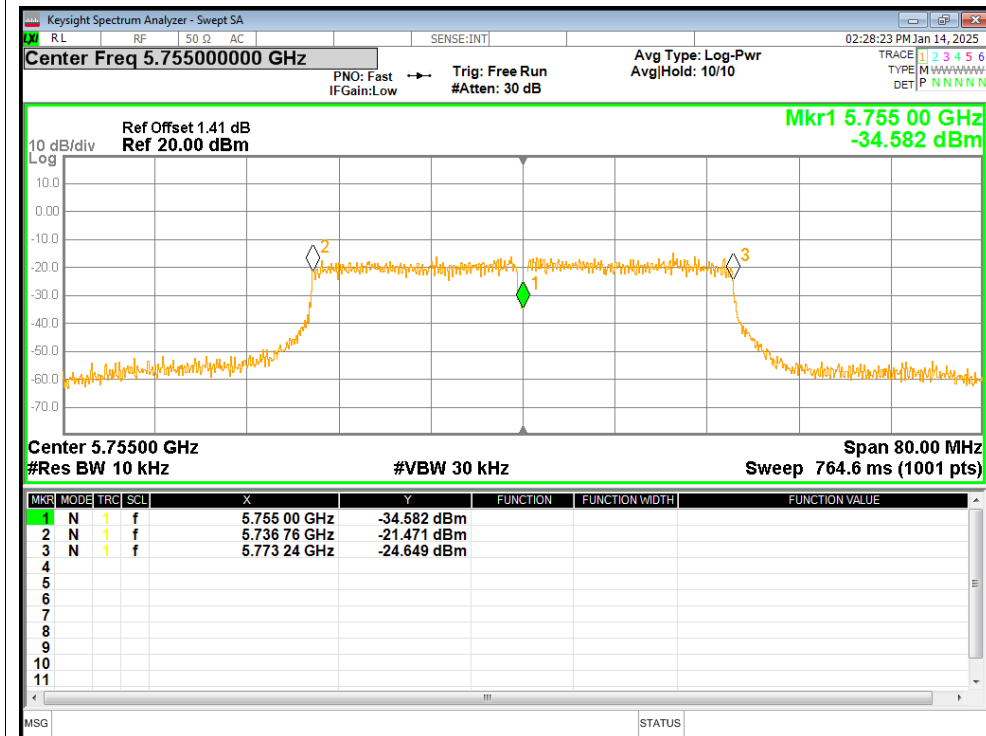
Freq. Stability NVNT n20 5785MHz Ant1



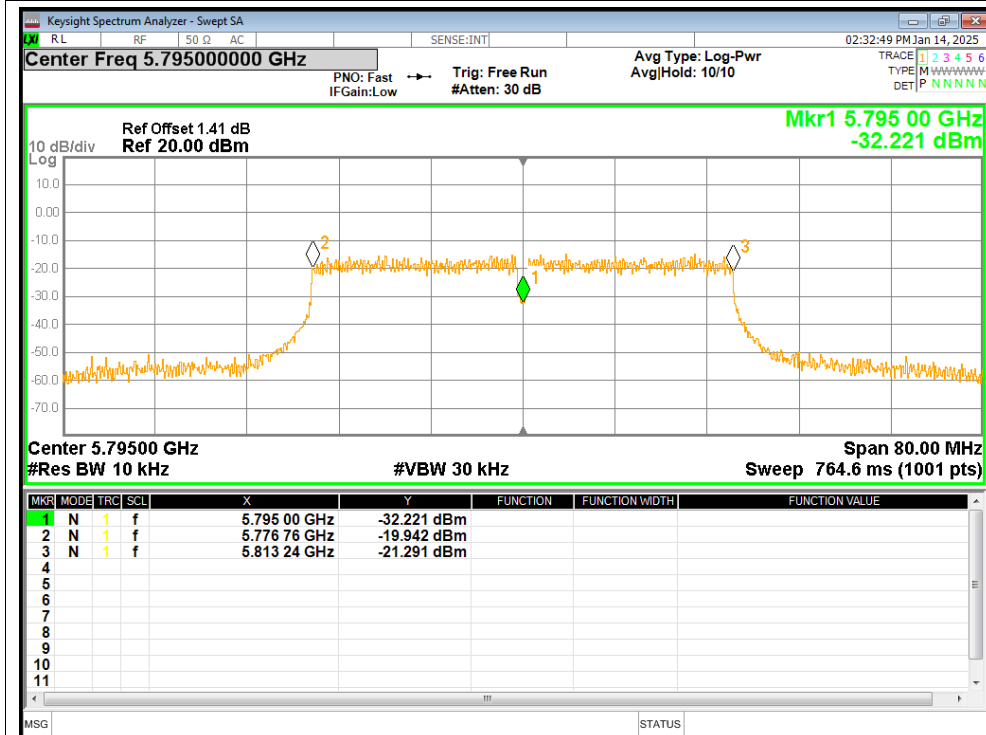
Freq. Stability NVNT n20 5825MHz Ant1



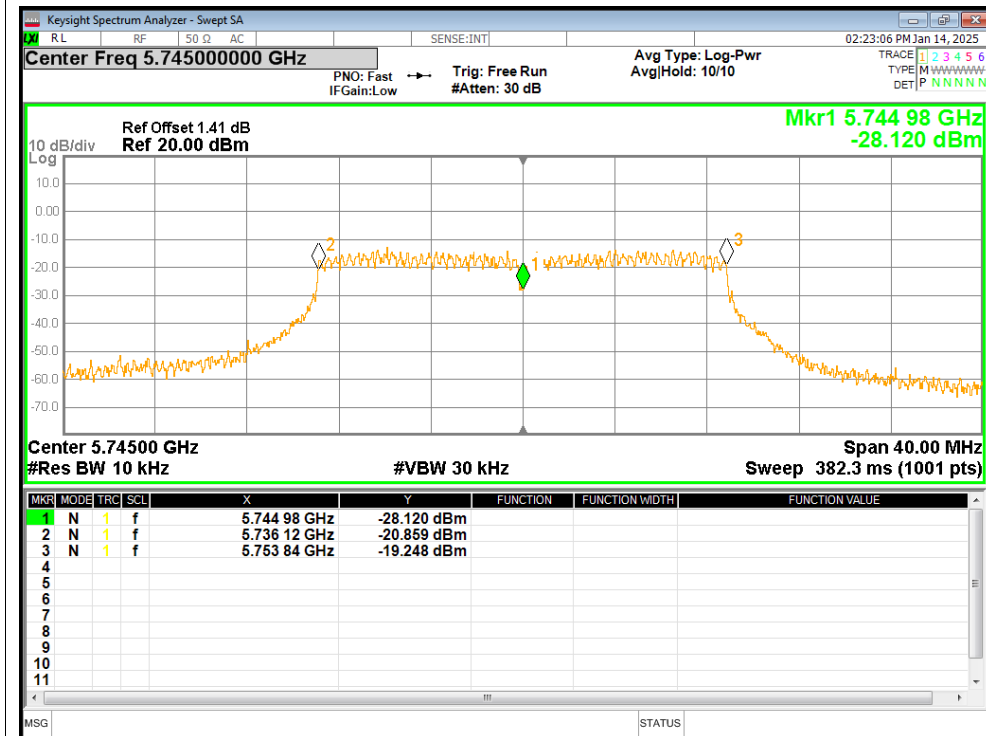
Freq. Stability NVNT n40 5755MHz Ant1



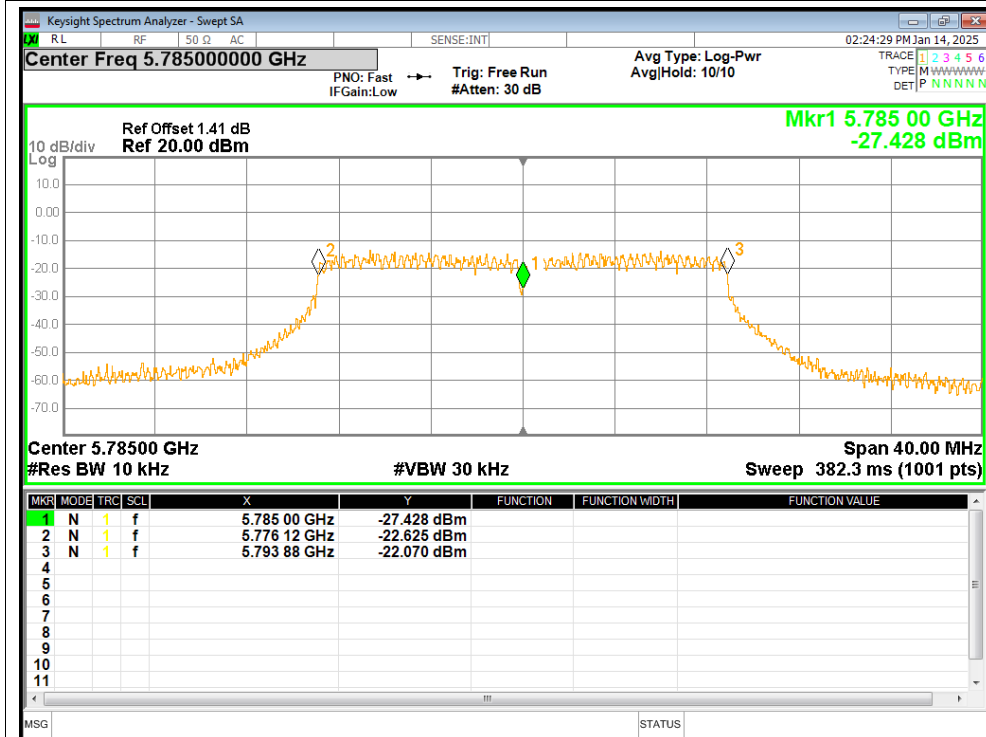
Freq. Stability NVNT n40 5795MHz Ant1



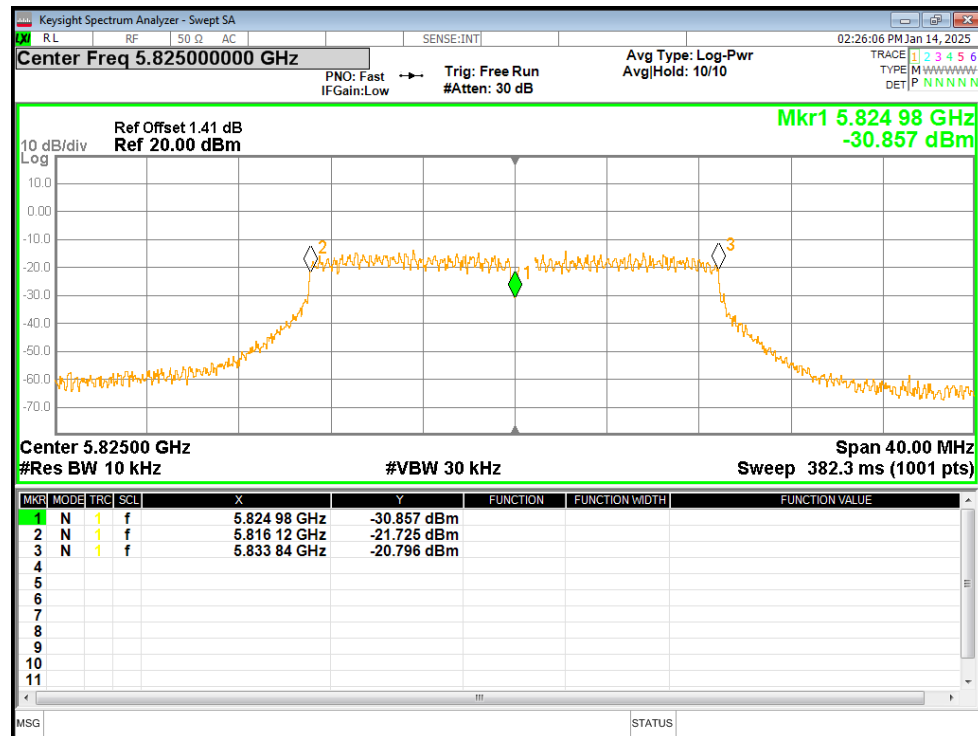
Freq. Stability NVNT ac20 5745MHz Ant1



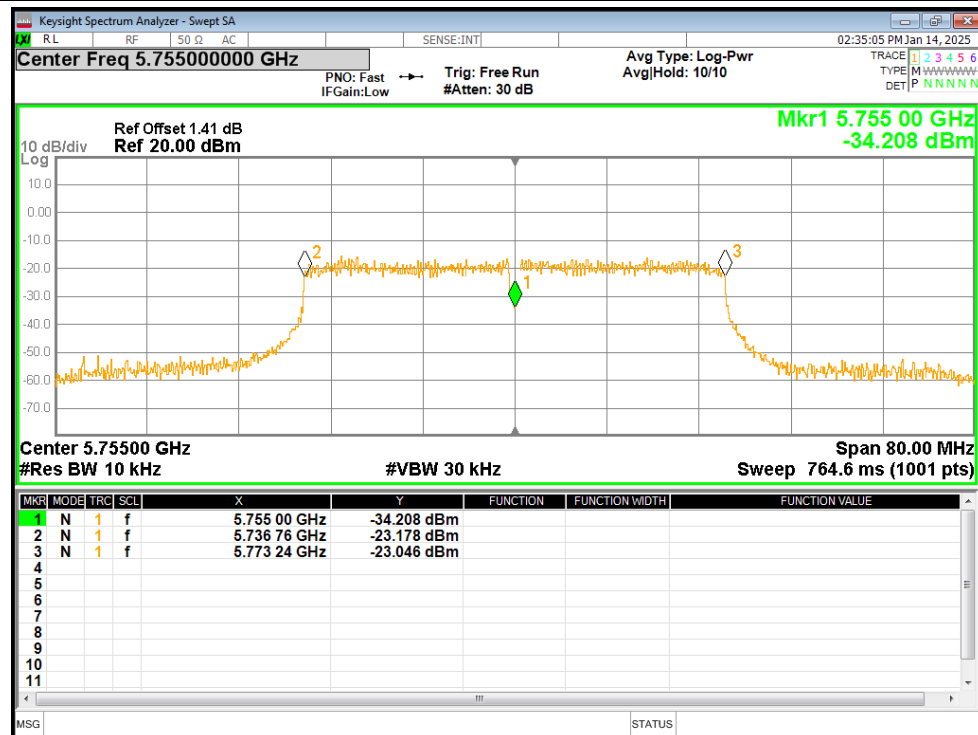
Freq. Stability NVNT ac20 5785MHz Ant1



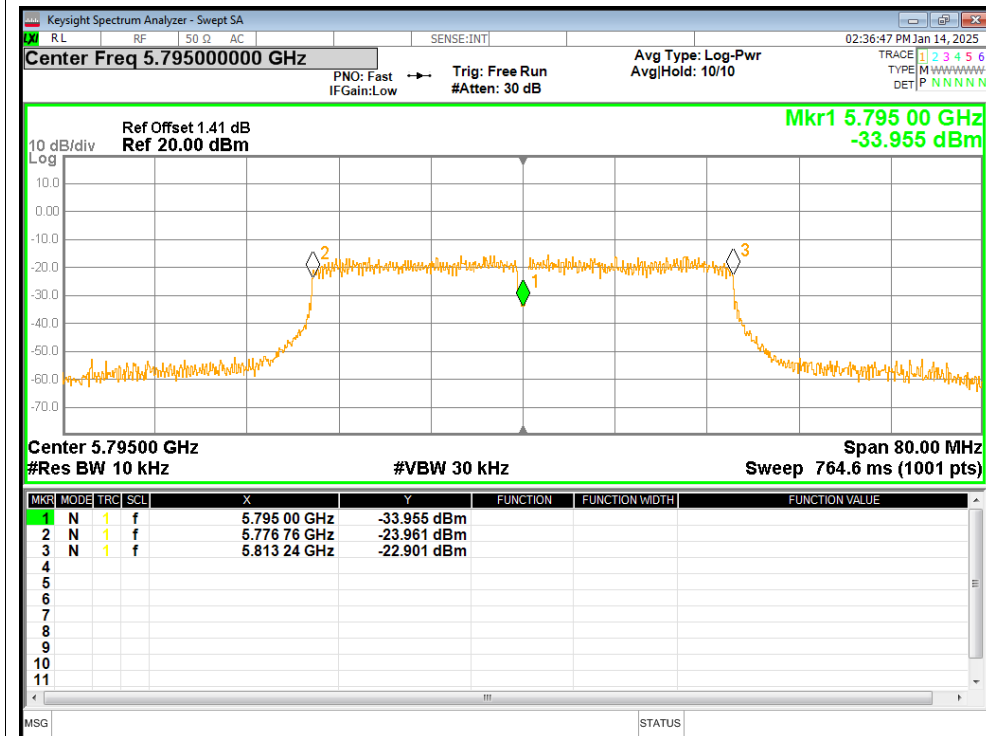
Freq. Stability NVNT ac20 5825MHz Ant1



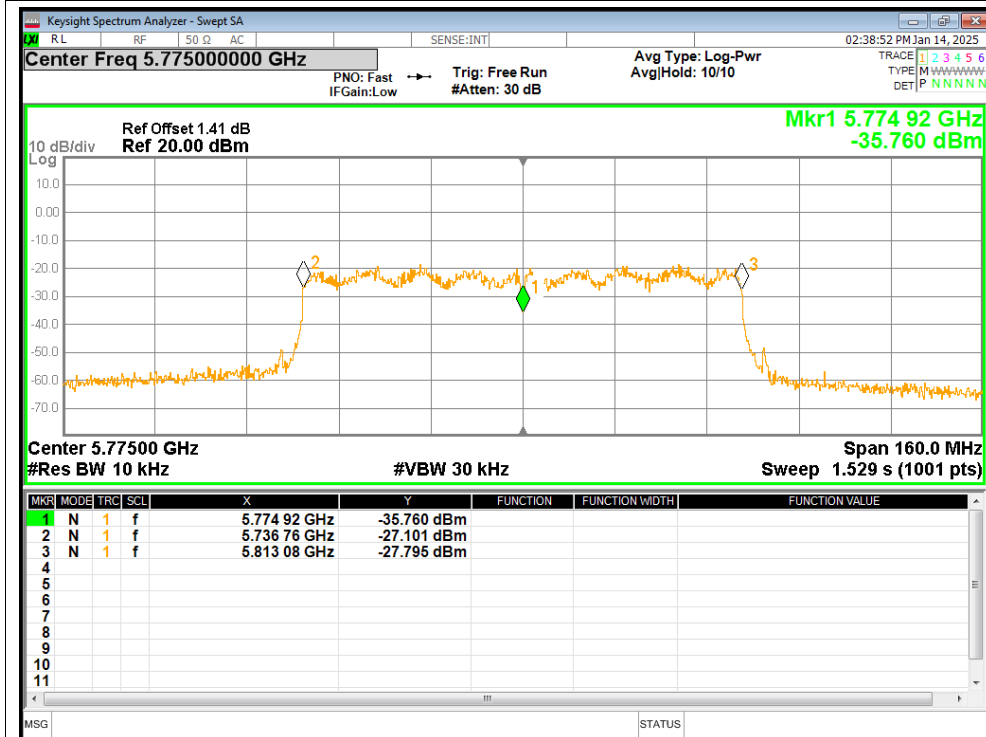
Freq. Stability NVNT ac40 5755MHz Ant1



Freq. Stability NVNT ac40 5795MHz Ant1



Freq. Stability NVNT ac80 5775MHz Ant1

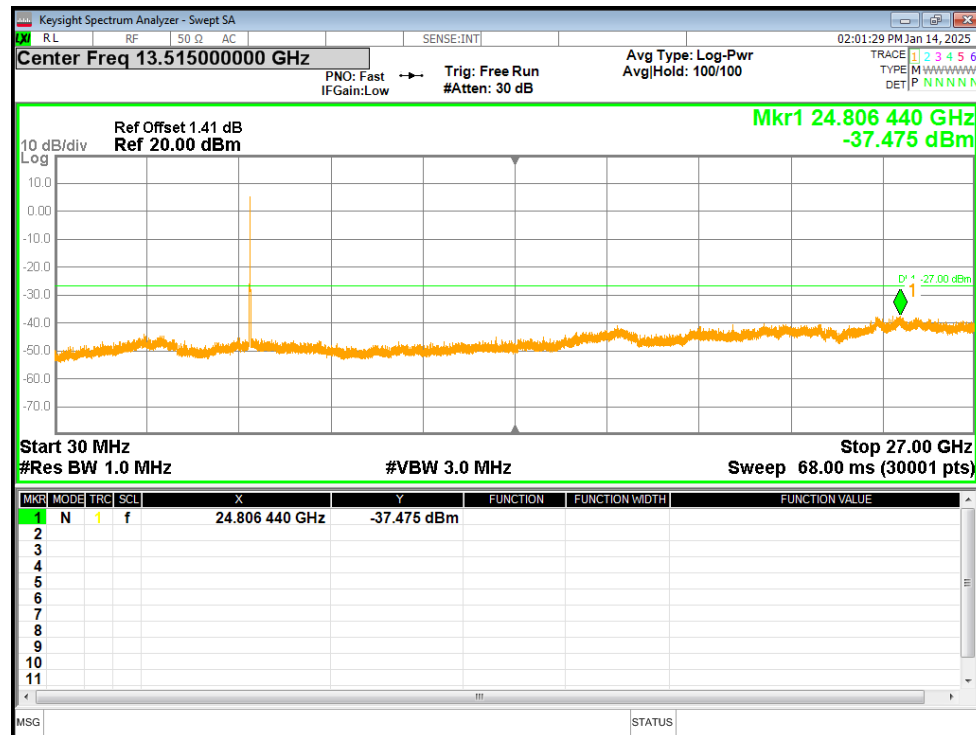


8. Conducted RF Spurious Emission

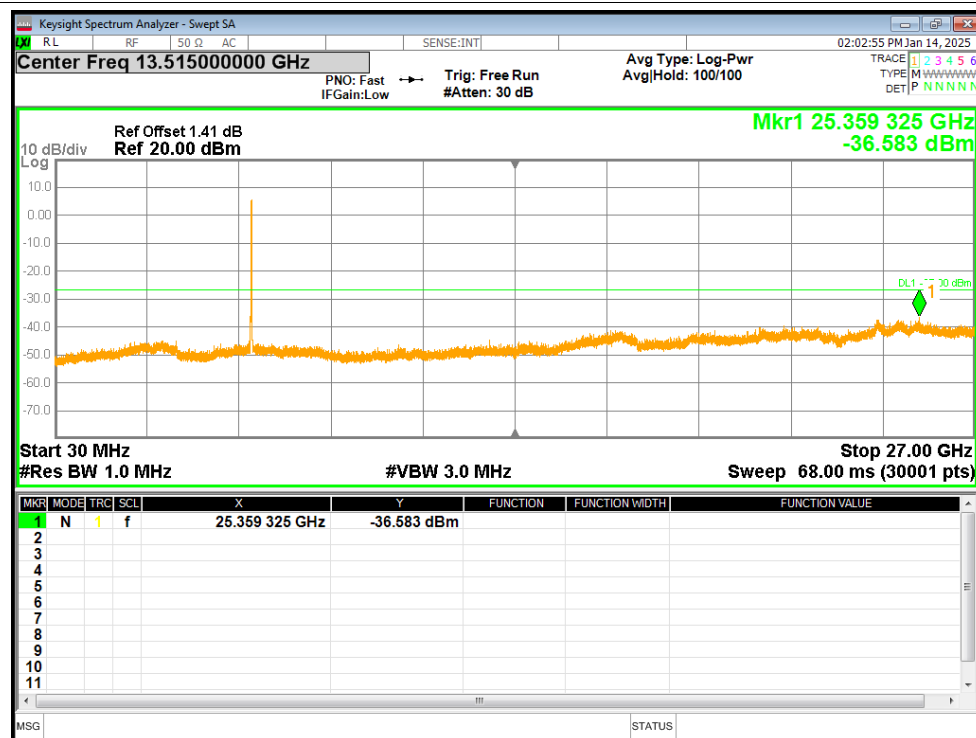
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
a	5745	-37.47	-27	Pass
a	5785	-36.58	-27	Pass
a	5825	-37.23	-27	Pass
n20	5745	-37.33	-27	Pass
n20	5785	-37.14	-27	Pass
n20	5825	-37.36	-27	Pass
n40	5755	-36.83	-27	Pass
n40	5795	-38.04	-27	Pass
ac20	5745	-37.57	-27	Pass
ac20	5785	-36.36	-27	Pass
ac20	5825	-37	-27	Pass
ac40	5755	-36.39	-27	Pass
ac40	5795	-37.45	-27	Pass
ac80	5775	-37.54	-27	Pass

Test Graphs

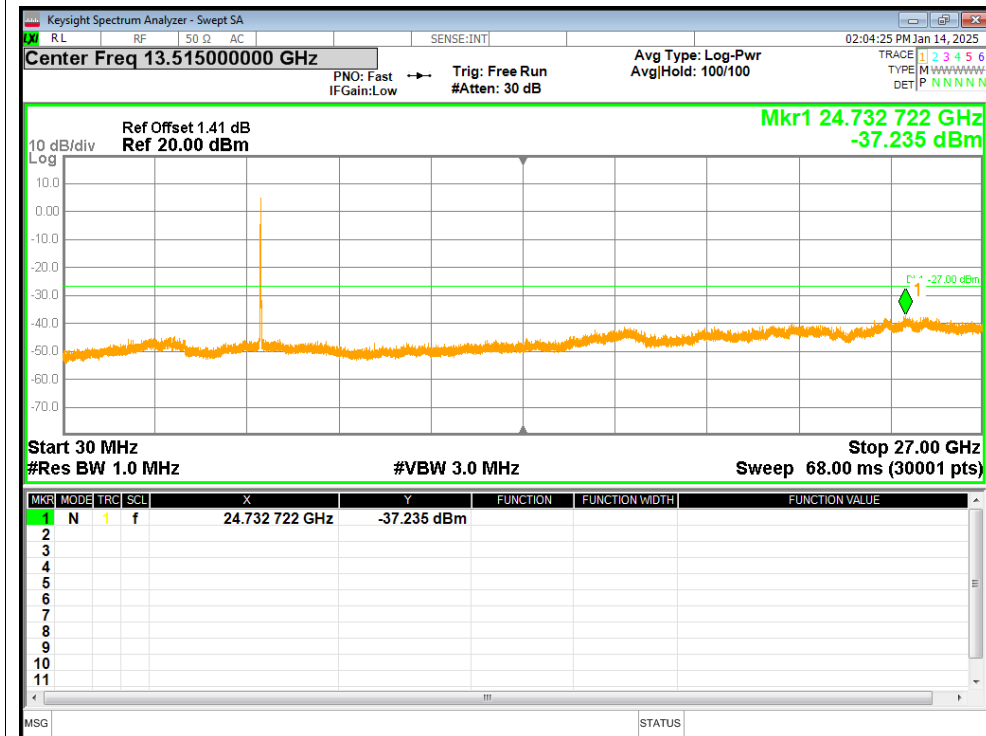
Tx. Spurious NVNT a 5745MHz Ant1 Emission



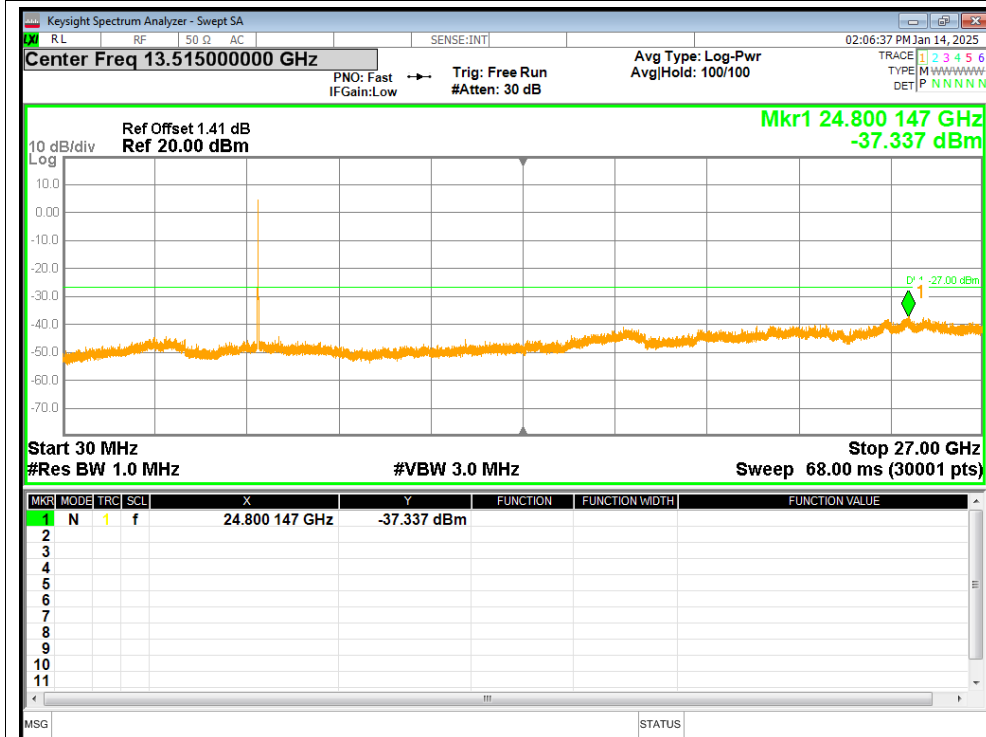
Tx. Spurious NVNT a 5785MHz Ant1 Emission



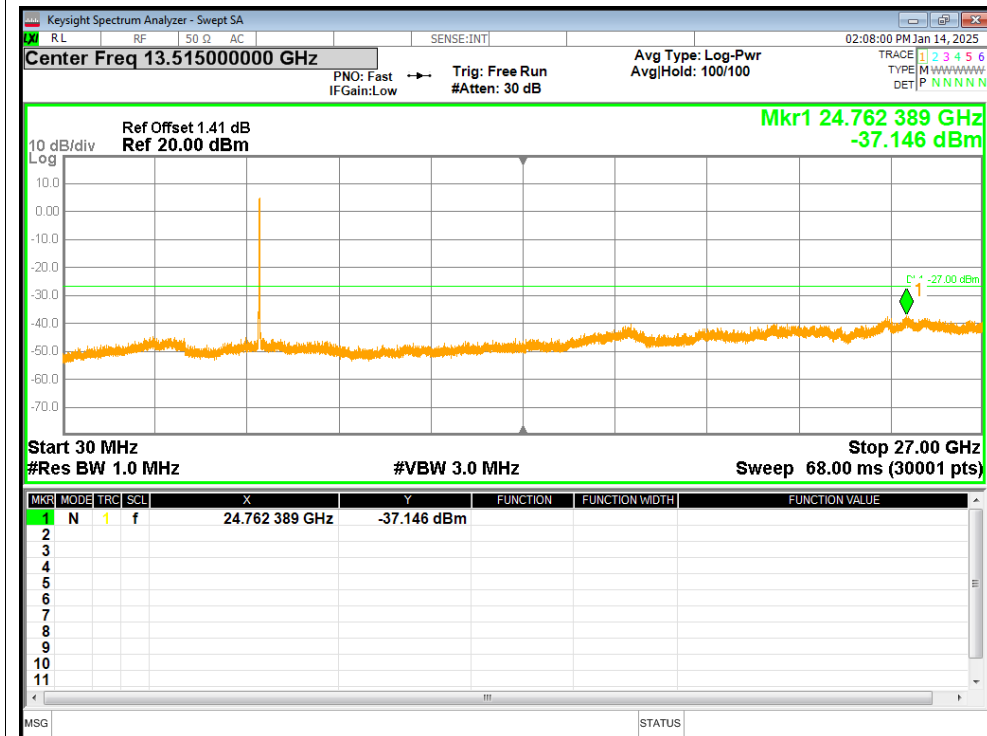
Tx. Spurious NVNT a 5825MHz Ant1 Emission



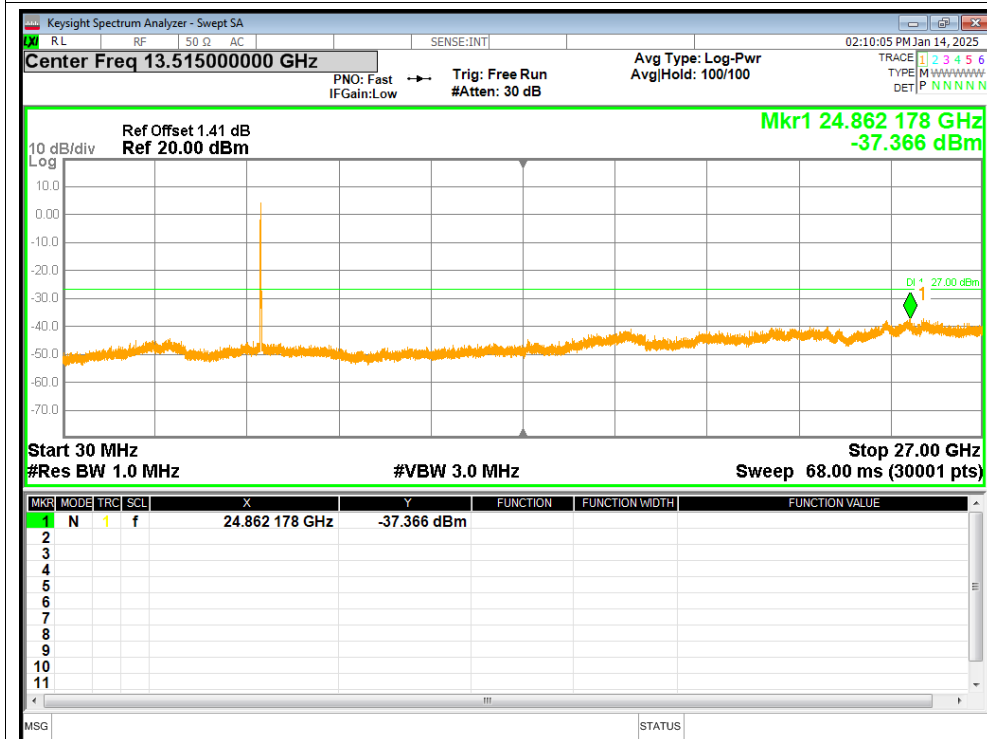
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



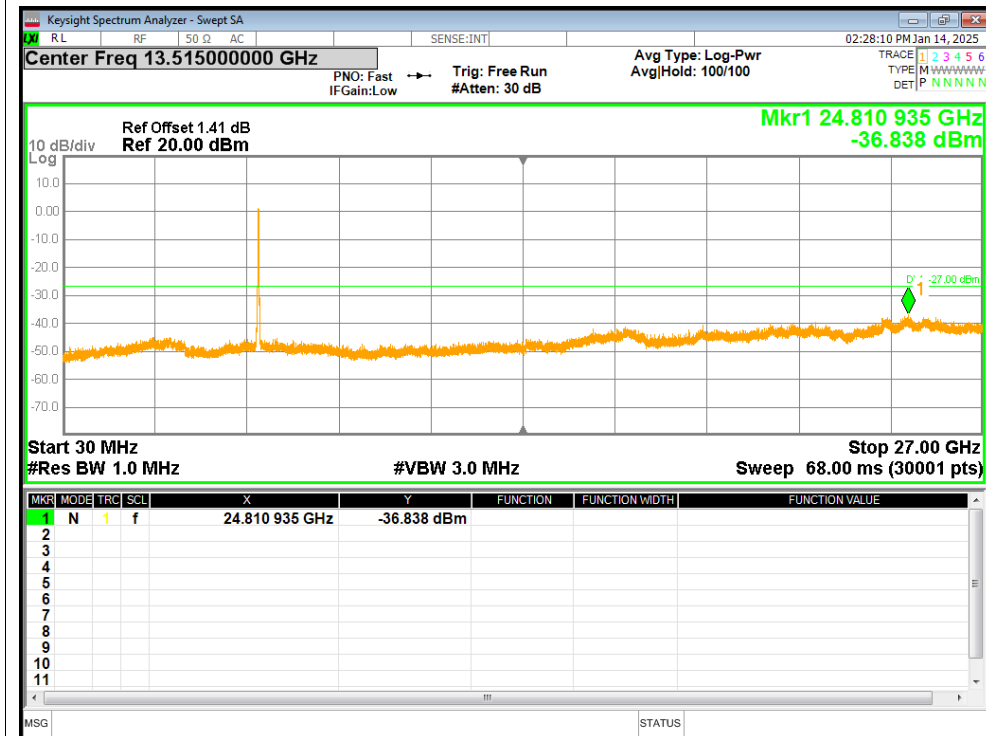
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



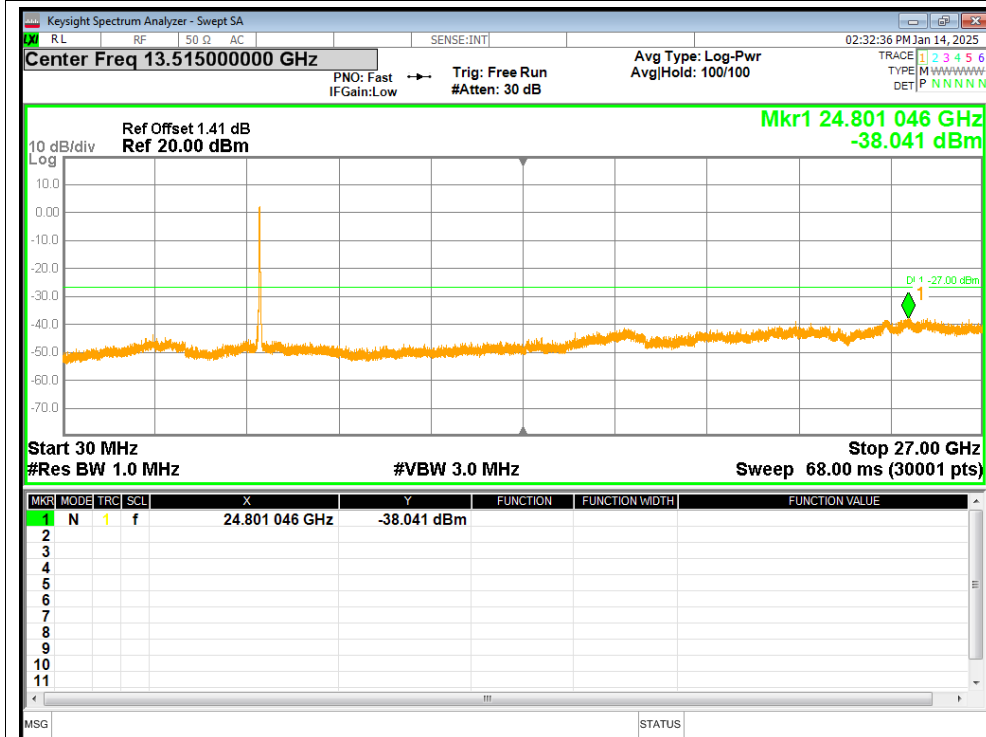
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



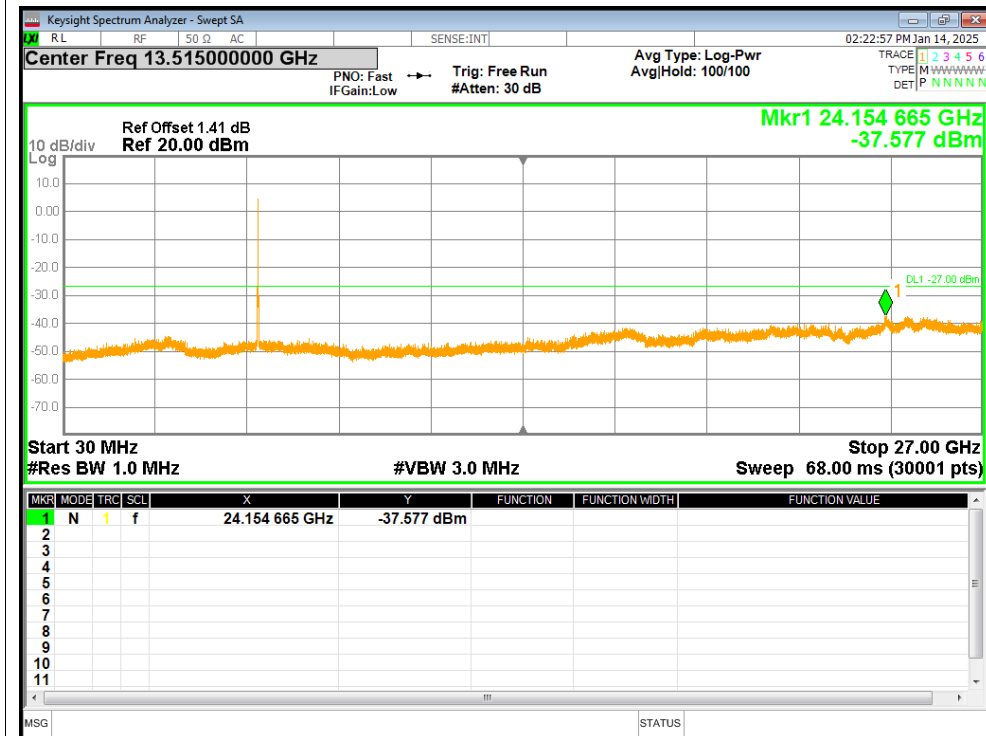
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



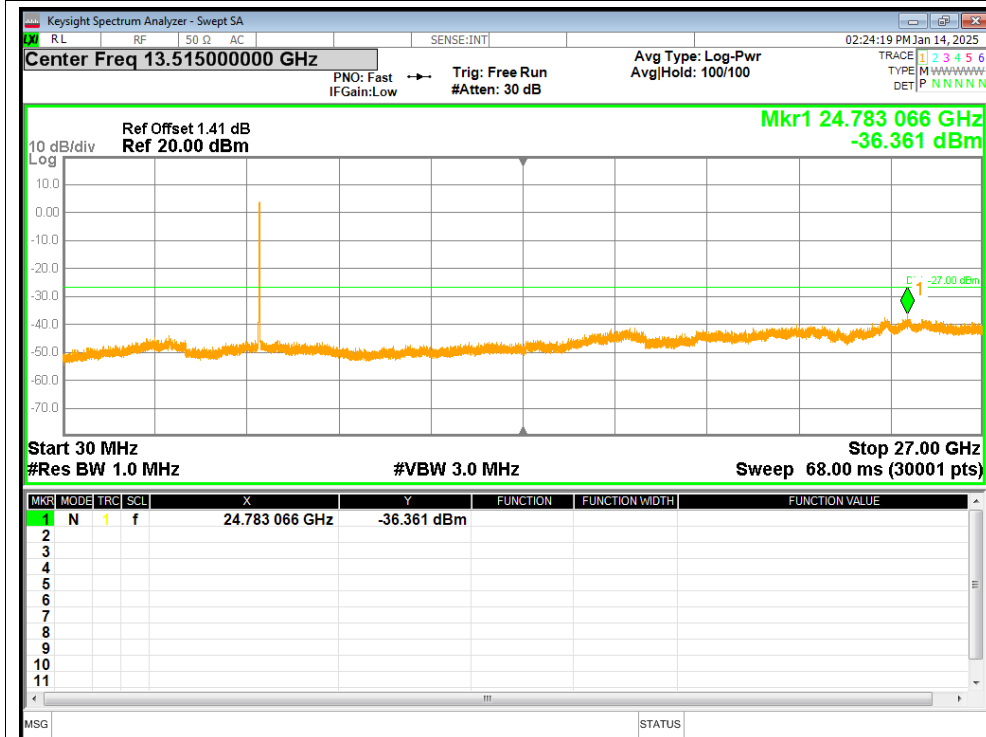
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



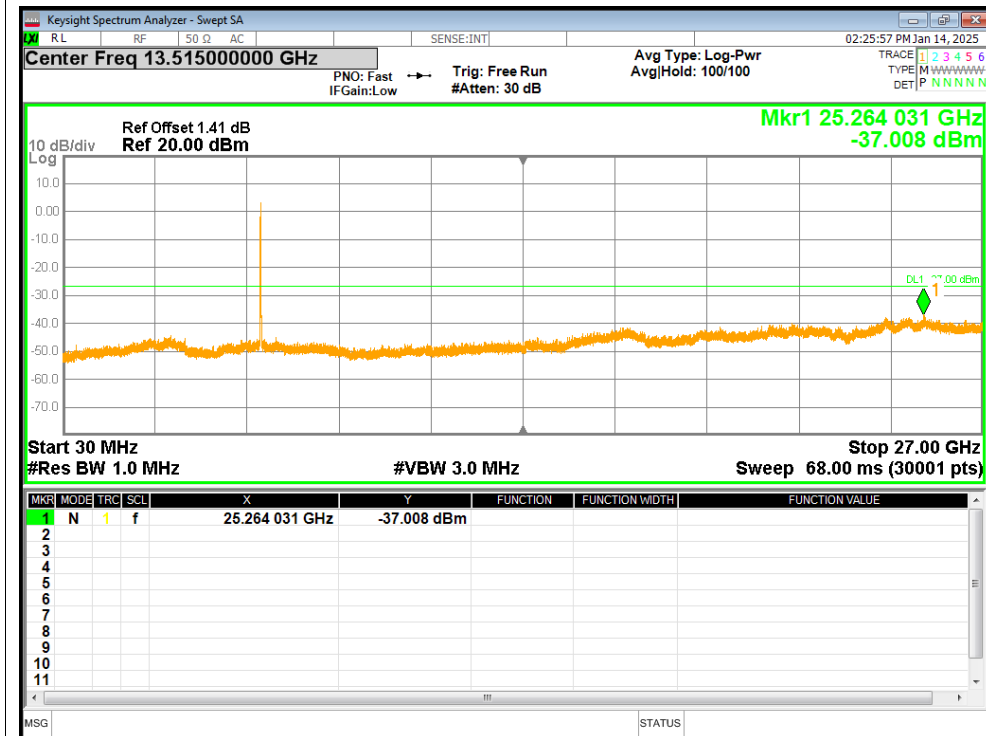
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



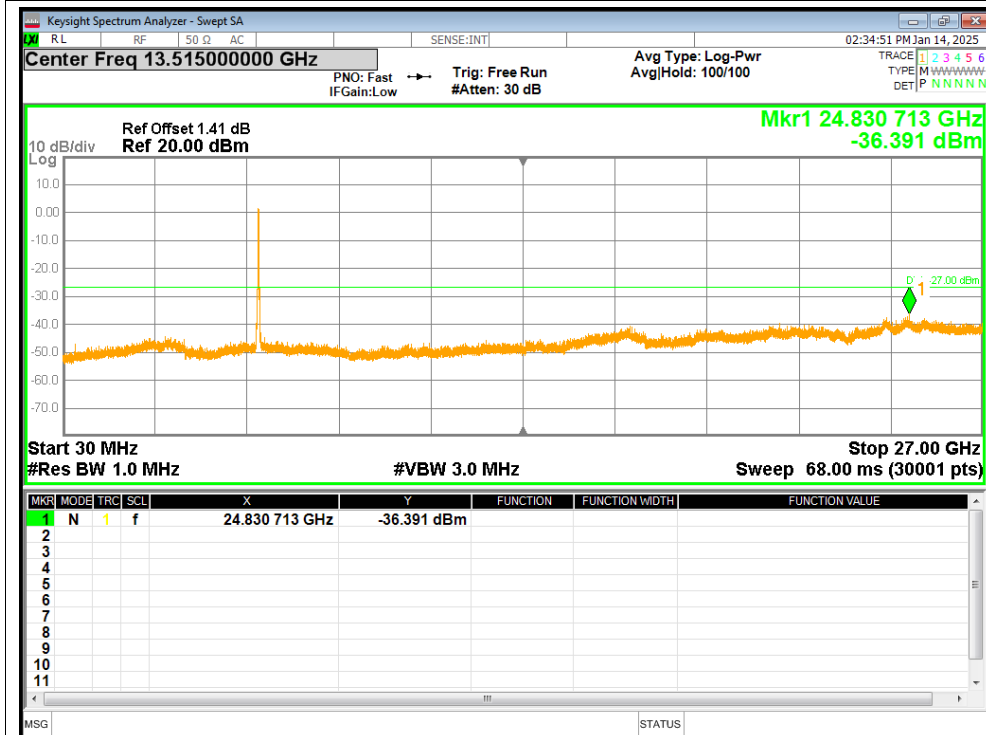
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



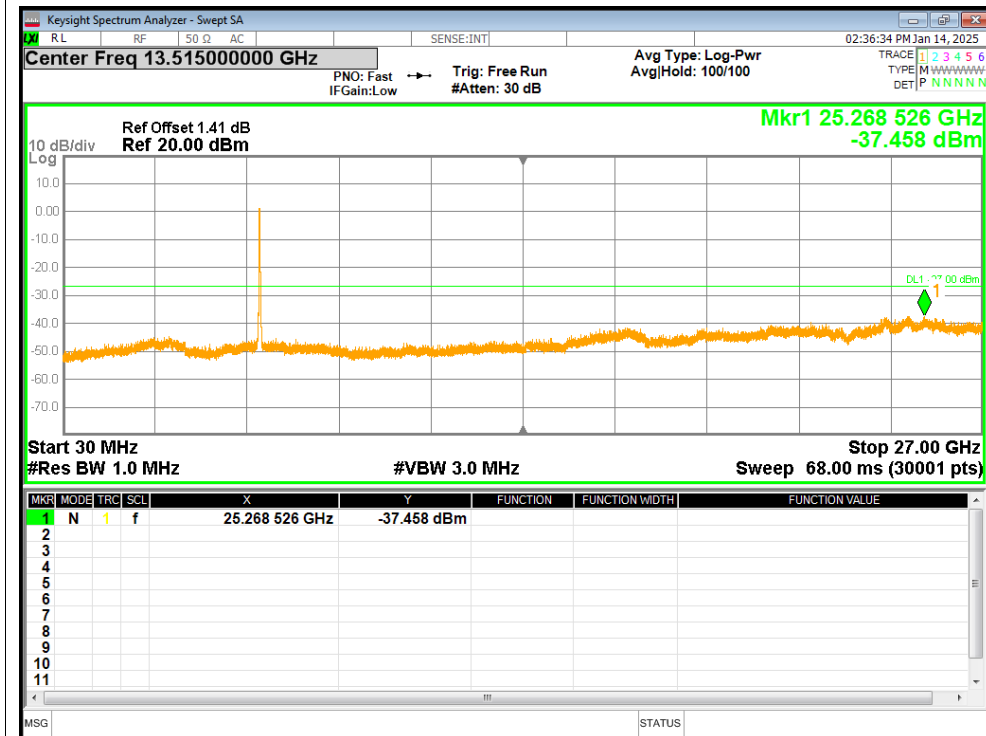
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission

