

Appendix B for 5.8GWIFI Test Data

Product Name: MINIPC

Test Model: F1

Environmental Conditions

Temperature:	23.8℃
Relative Humidity:	52%
ATM Pressure:	101.0 kPa
Test Engineer:	Leon Li
Supervised by:	Baret Wu



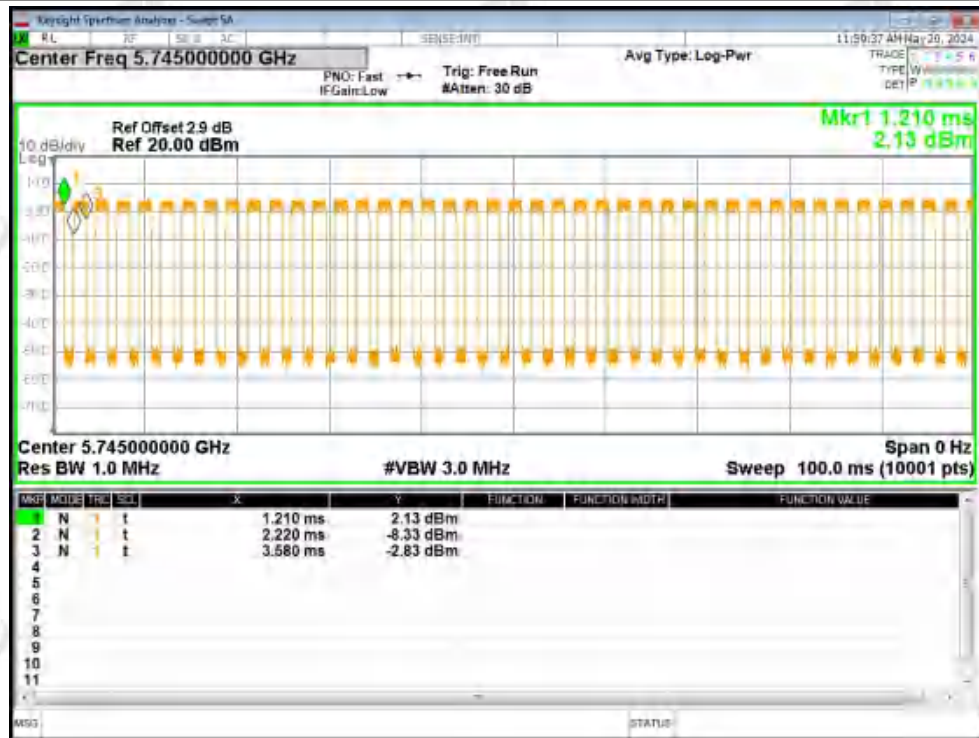
B1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	57.38	2.41	0.74
NVNT	a	5785	Ant1	57.63	2.39	0.74
NVNT	a	5825	Ant1	57.63	2.39	0.74
NVNT	a	5745	Ant2	57.63	2.39	0.74
NVNT	a	5785	Ant2	57.63	2.39	0.74
NVNT	a	5825	Ant2	57.63	2.39	0.74
NVNT	n20	5745	Ant1	55.7	2.54	0.79
NVNT	n20	5785	Ant1	56.14	2.51	0.78
NVNT	n20	5825	Ant1	56.14	2.51	0.78
NVNT	n20	5745	Ant2	55.7	2.54	0.79
NVNT	n20	5785	Ant2	56.14	2.51	0.78
NVNT	n20	5825	Ant2	55.95	2.52	0.79
NVNT	n40	5755	Ant1	39.02	4.09	1.56
NVNT	n40	5795	Ant1	39.02	4.09	1.56
NVNT	n40	5755	Ant2	39.02	4.09	1.56
NVNT	n40	5795	Ant2	39.02	4.09	1.56
NVNT	ac20	5745	Ant1	56.14	2.51	0.78
NVNT	ac20	5785	Ant1	56.14	2.51	0.78
NVNT	ac20	5825	Ant1	55.7	2.54	0.79
NVNT	ac20	5745	Ant2	56.14	2.51	0.78
NVNT	ac20	5785	Ant2	55.7	2.54	0.79
NVNT	ac20	5825	Ant2	56.14	2.51	0.78
NVNT	ac40	5755	Ant1	39.02	4.09	1.56
NVNT	ac40	5795	Ant1	38.41	4.16	1.59
NVNT	ac40	5755	Ant2	39.02	4.09	1.56
NVNT	ac40	5795	Ant2	39.02	4.09	1.56
NVNT	ac80	5775	Ant1	24.24	6.15	3.13
NVNT	ac80	5775	Ant2	24.24	6.15	3.12



Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

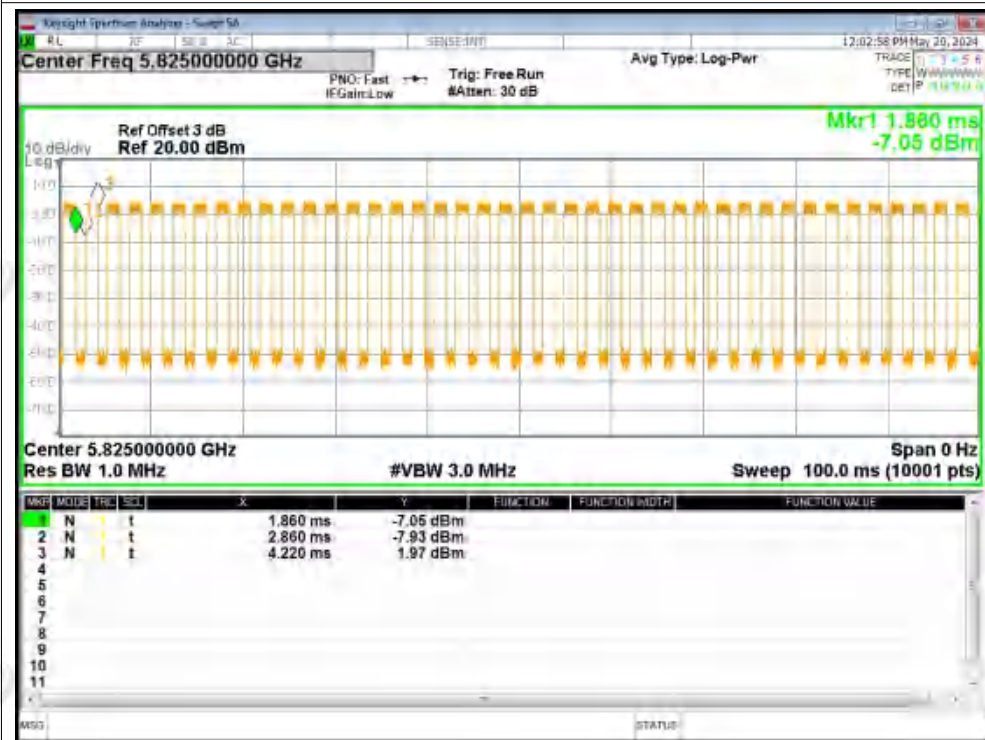


Duty Cycle NVNT a 5785MHz Ant1





Duty Cycle NVNT a 5825MHz Ant1



Duty Cycle NVNT a 5745MHz Ant2





Duty Cycle NVNT a 5785MHz Ant2



Duty Cycle NVNT a 5825MHz Ant2

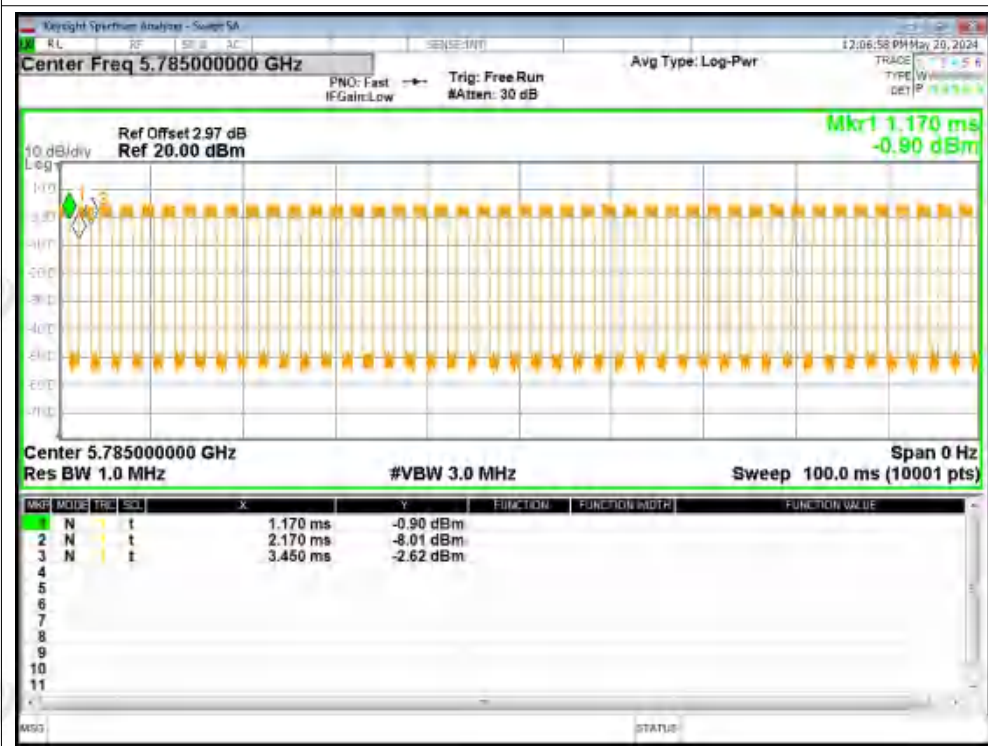




Duty Cycle NVNT n20 5745MHz Ant1



Duty Cycle NVNT n20 5785MHz Ant1

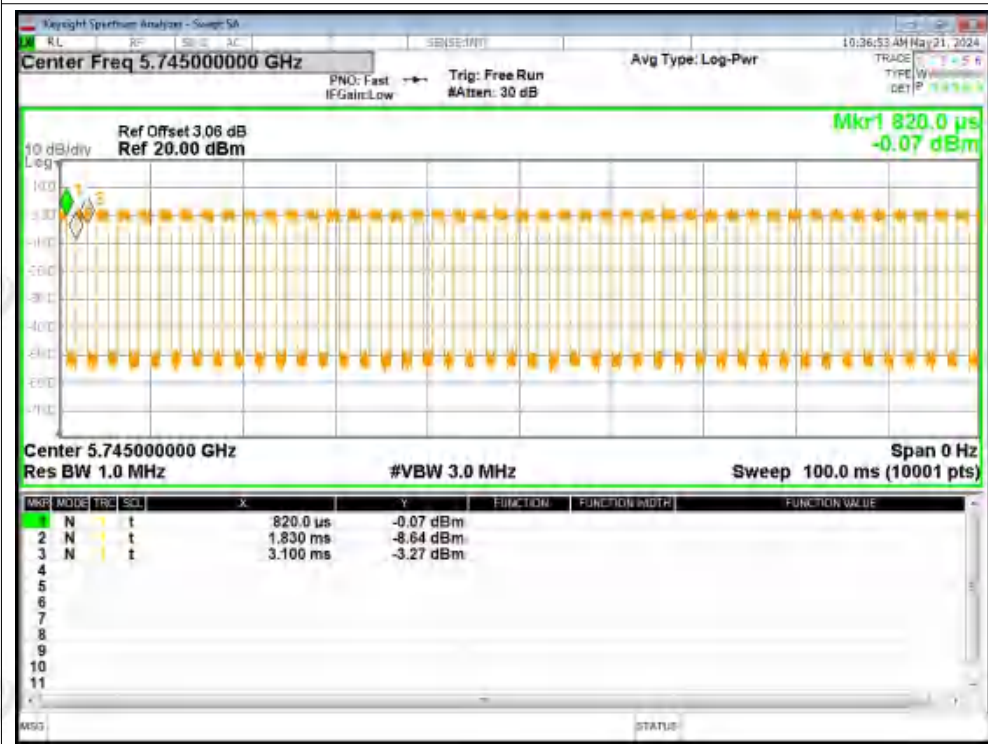




Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant2





Duty Cycle NVNT n20 5785MHz Ant2



Duty Cycle NVNT n20 5825MHz Ant2

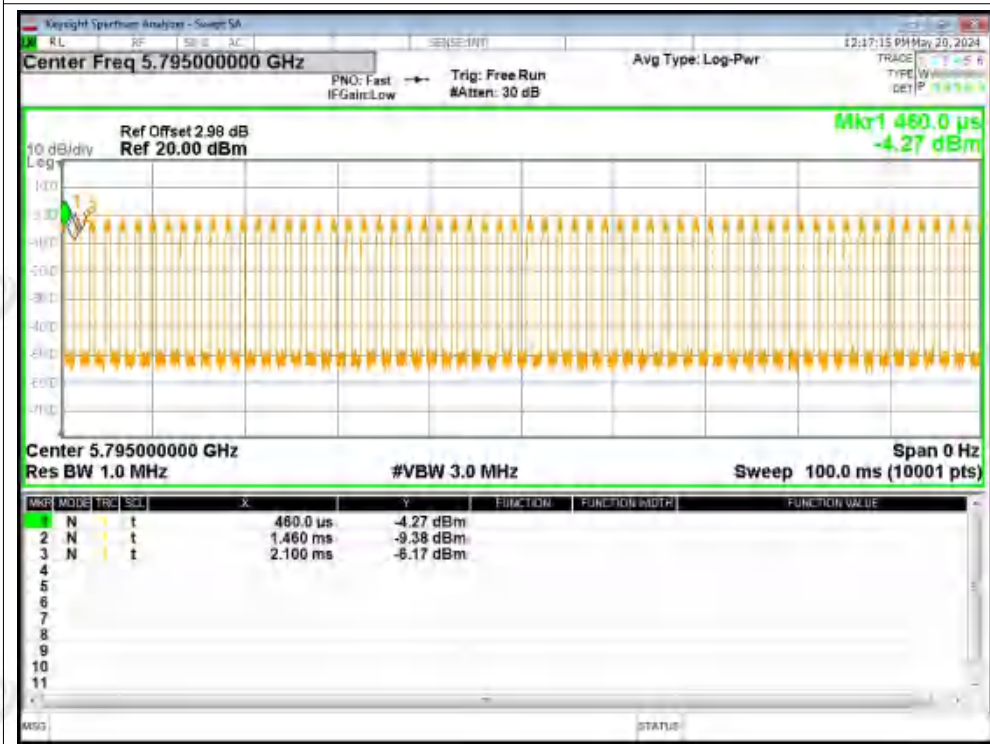




Duty Cycle NVNT n40 5755MHz Ant1

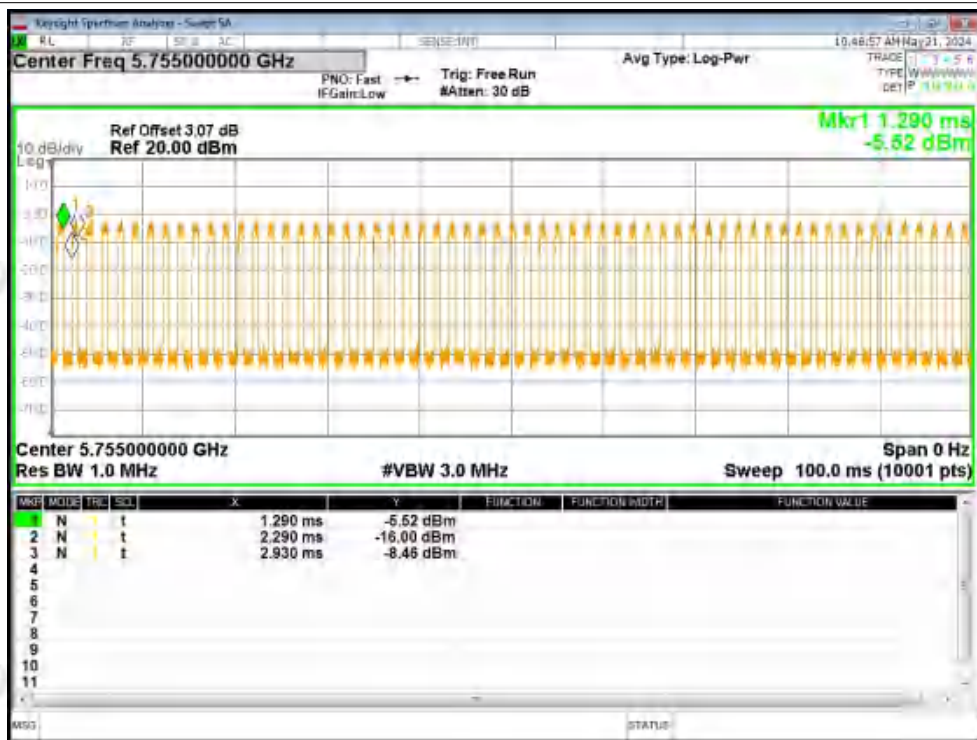


Duty Cycle NVNT n40 5795MHz Ant1

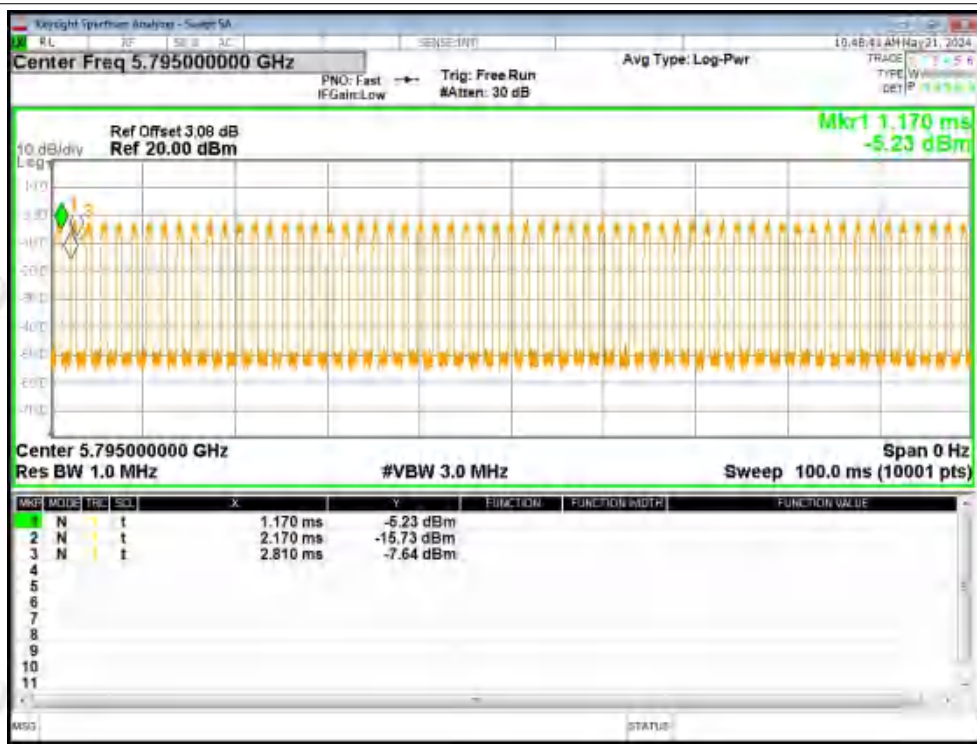




Duty Cycle NVNT n40 5755MHz Ant2

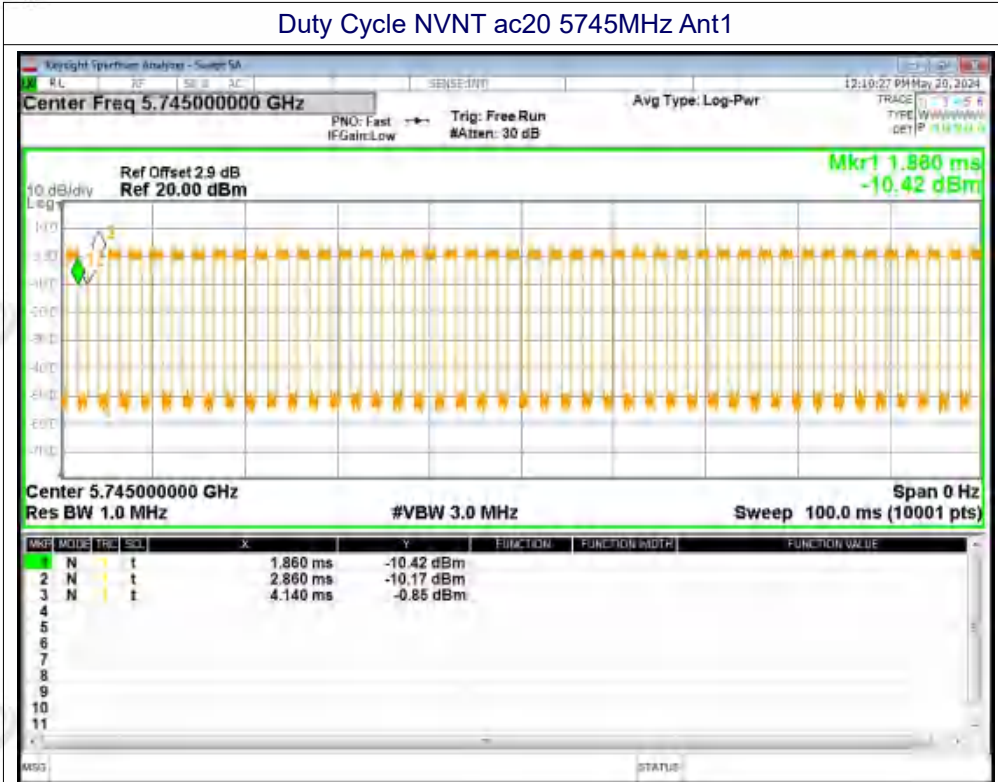


Duty Cycle NVNT n40 5795MHz Ant2

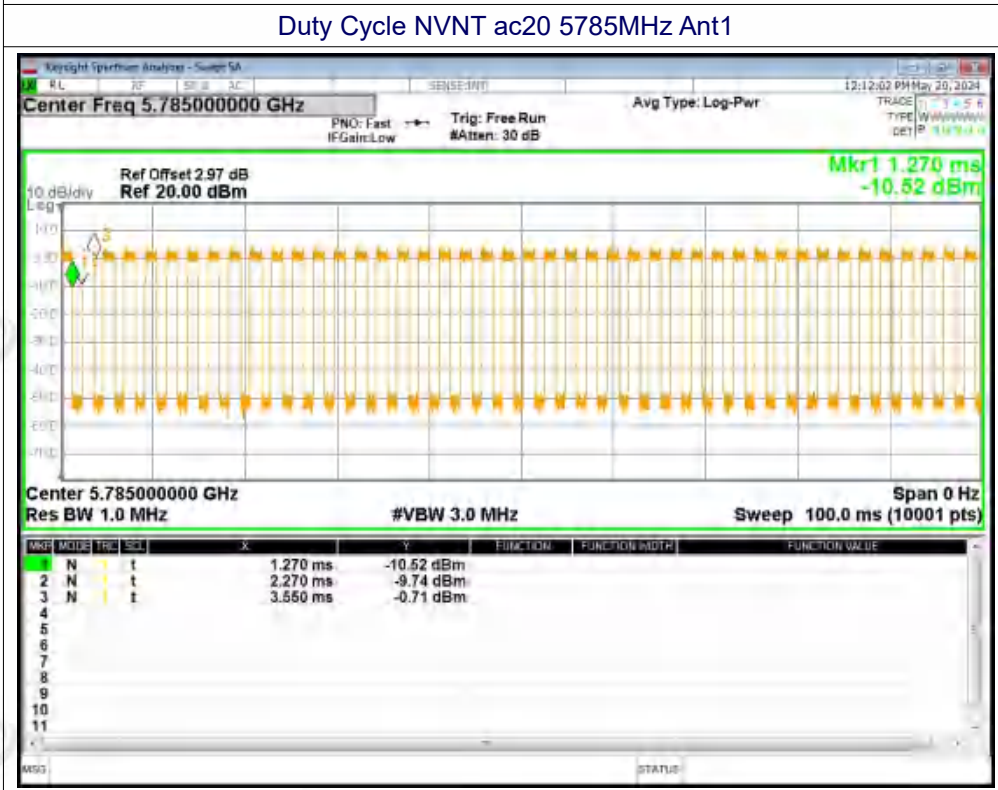




Duty Cycle NVNT ac20 5745MHz Ant1



Duty Cycle NVNT ac20 5785MHz Ant1





Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac20 5745MHz Ant2





Duty Cycle NVNT ac20 5785MHz Ant2

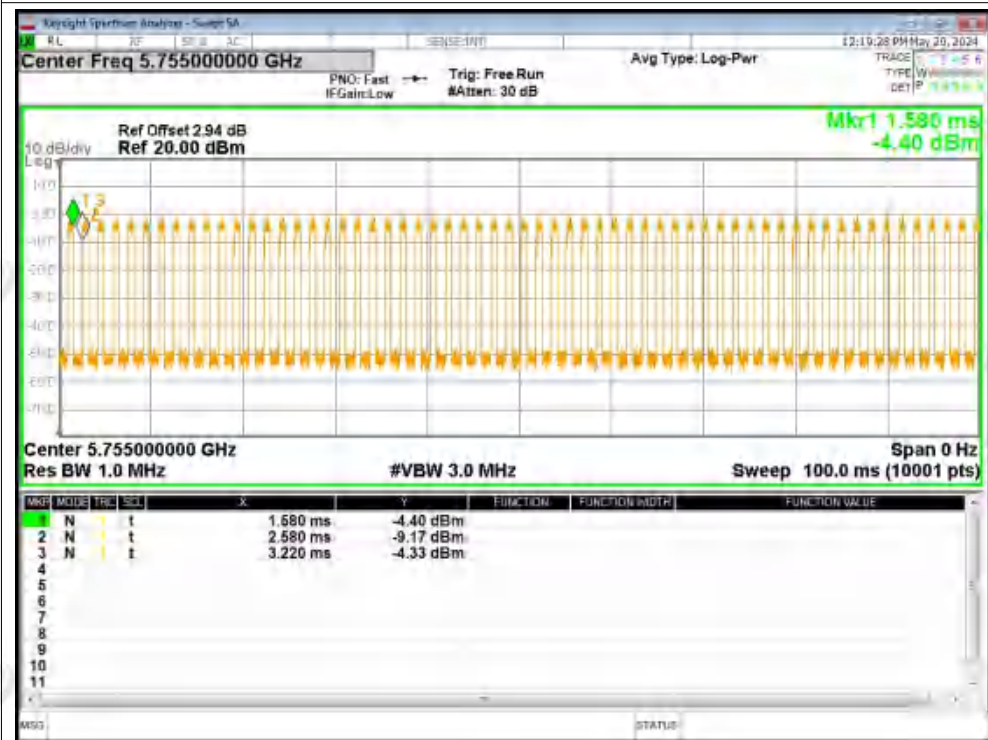


Duty Cycle NVNT ac20 5825MHz Ant2





Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1

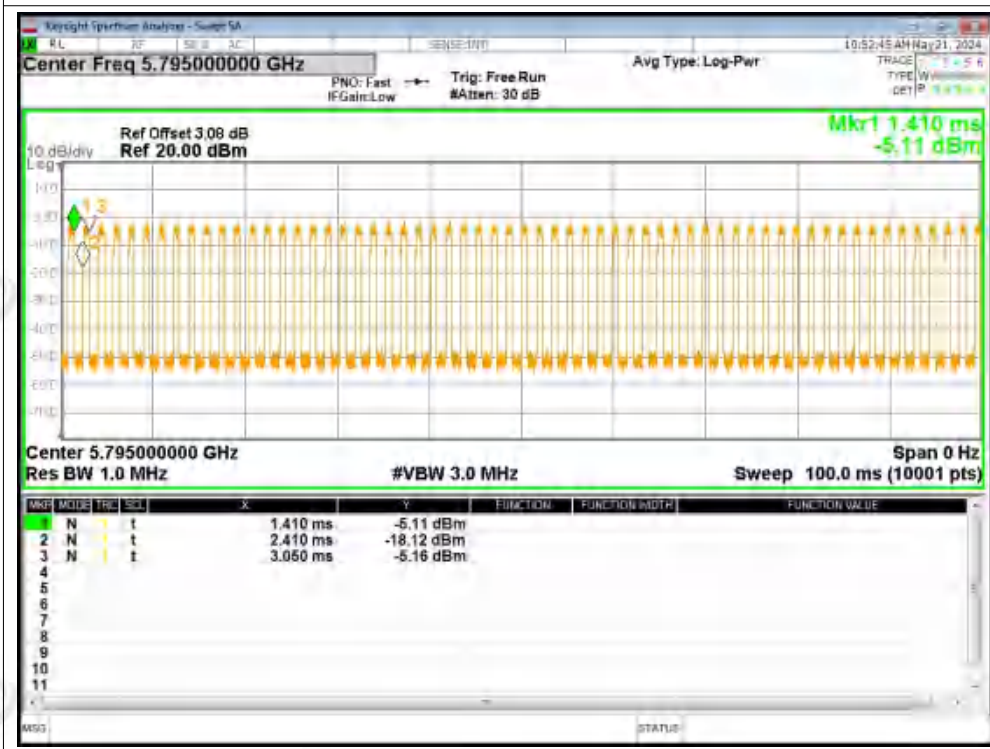




Duty Cycle NVNT ac40 5755MHz Ant2



Duty Cycle NVNT ac40 5795MHz Ant2





Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant2





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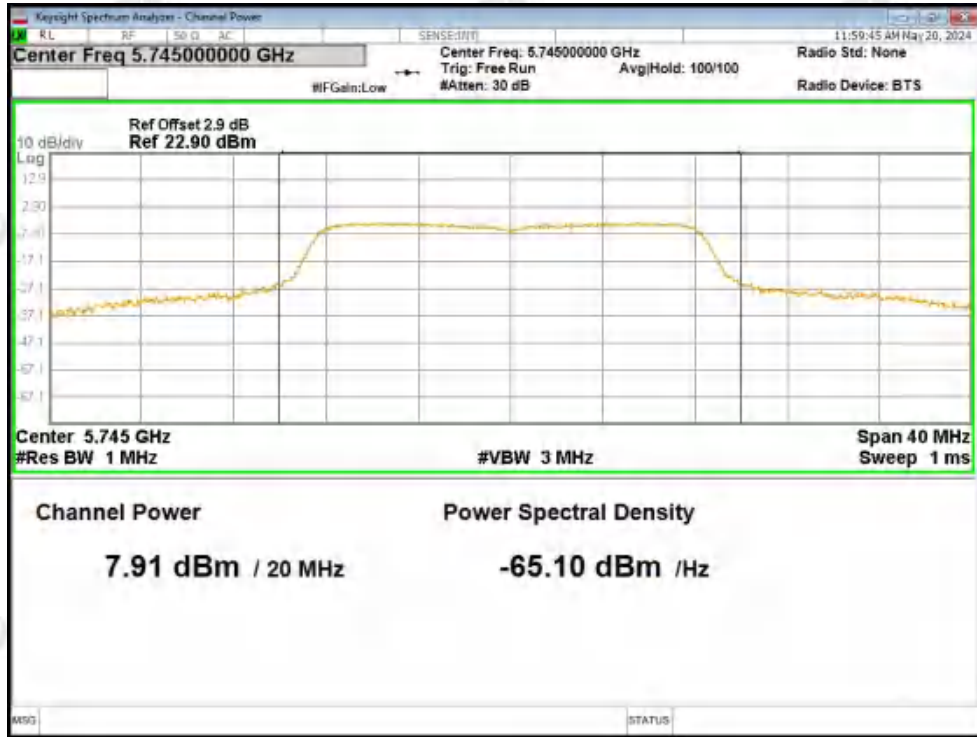
B2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	7.91	2.41	10.32	30	Pass
NVNT	a	5785	Ant1	8.01	2.39	10.4	30	Pass
NVNT	a	5825	Ant1	7.86	2.39	10.25	30	Pass
NVNT	a	5745	Ant2	6.25	2.39	8.64	30	Pass
NVNT	a	5785	Ant2	7.57	2.39	9.96	30	Pass
NVNT	a	5825	Ant2	6.16	2.39	8.55	30	Pass
NVNT	n20	5745	Ant1	7.79	2.54	10.33	30	Pass
NVNT	n20	5785	Ant1	7.91	2.51	10.42	30	Pass
NVNT	n20	5825	Ant1	7.68	2.51	10.19	30	Pass
NVNT	n20	5745	Ant2	5.43	2.54	7.97	30	Pass
NVNT	n20	5785	Ant2	6.39	2.51	8.9	30	Pass
NVNT	n20	5825	Ant2	6.33	2.52	8.85	30	Pass
NVNT	n40	5755	Ant1	5.85	4.09	9.94	30	Pass
NVNT	n40	5795	Ant1	6.41	4.09	10.5	30	Pass
NVNT	n40	5755	Ant2	4.63	4.09	8.72	30	Pass
NVNT	n40	5795	Ant2	5.28	4.09	9.37	30	Pass
NVNT	ac20	5745	Ant1	6.32	2.51	8.83	30	Pass
NVNT	ac20	5785	Ant1	7.15	2.51	9.66	30	Pass
NVNT	ac20	5825	Ant1	6.8	2.54	9.34	30	Pass
NVNT	ac20	5745	Ant2	5.31	2.51	7.82	30	Pass
NVNT	ac20	5785	Ant2	6.09	2.54	8.63	30	Pass
NVNT	ac20	5825	Ant2	6.48	2.51	8.99	30	Pass
NVNT	ac40	5755	Ant1	6.08	4.09	10.17	30	Pass
NVNT	ac40	5795	Ant1	6.44	4.16	10.6	30	Pass
NVNT	ac40	5755	Ant2	4.93	4.09	9.02	30	Pass
NVNT	ac40	5795	Ant2	5.97	4.09	10.06	30	Pass
NVNT	ac80	5775	Ant1	5.61	6.15	11.76	30	Pass
NVNT	ac80	5775	Ant2	3.75	6.15	9.9	30	Pass

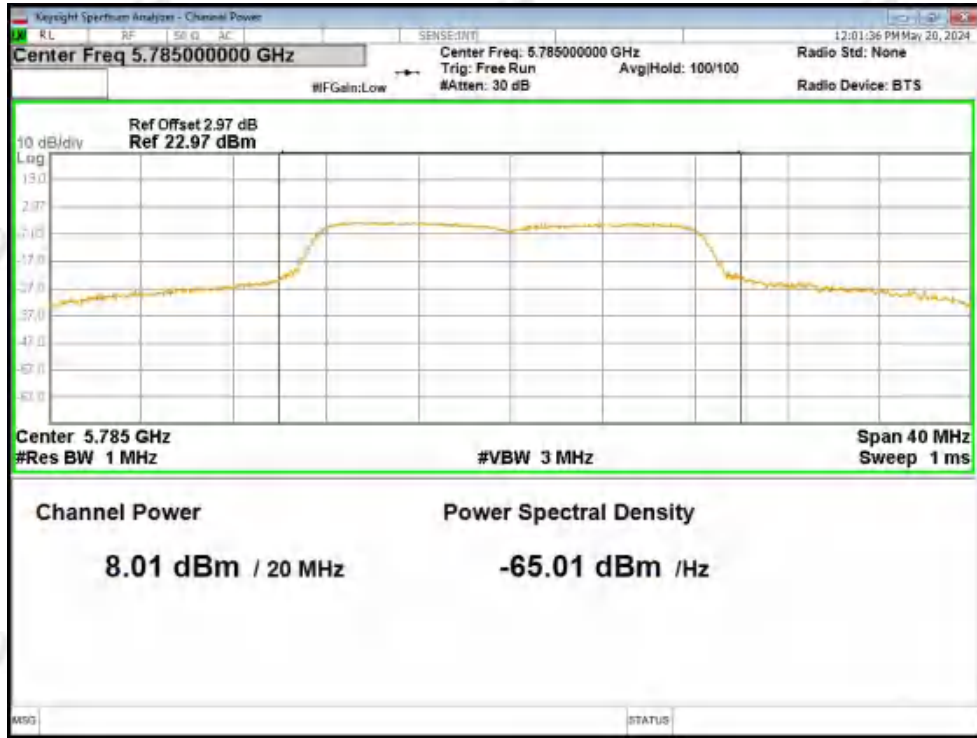


Test Graphs

Power NVNT a 5745MHz Ant1

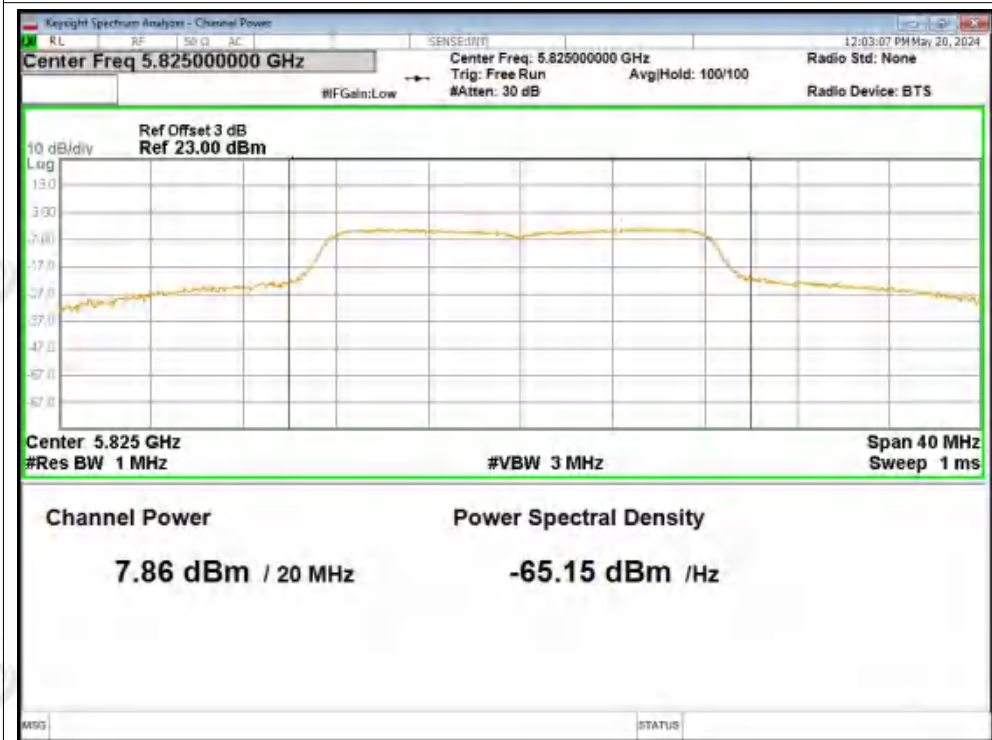


Power NVNT a 5785MHz Ant1

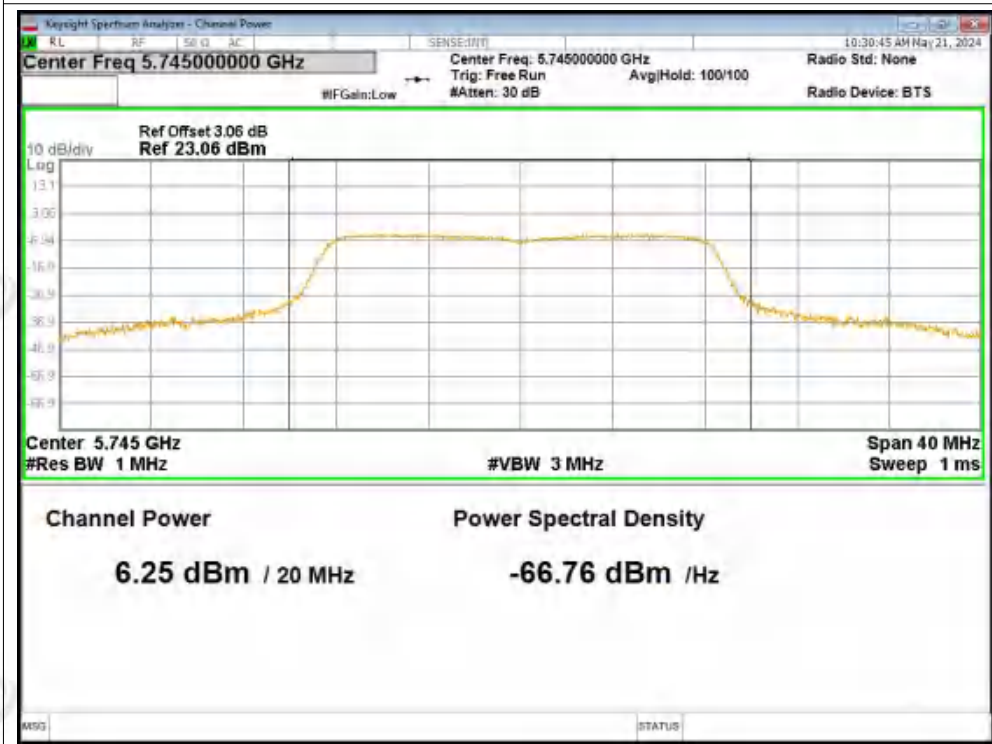




Power NVNT a 5825MHz Ant1

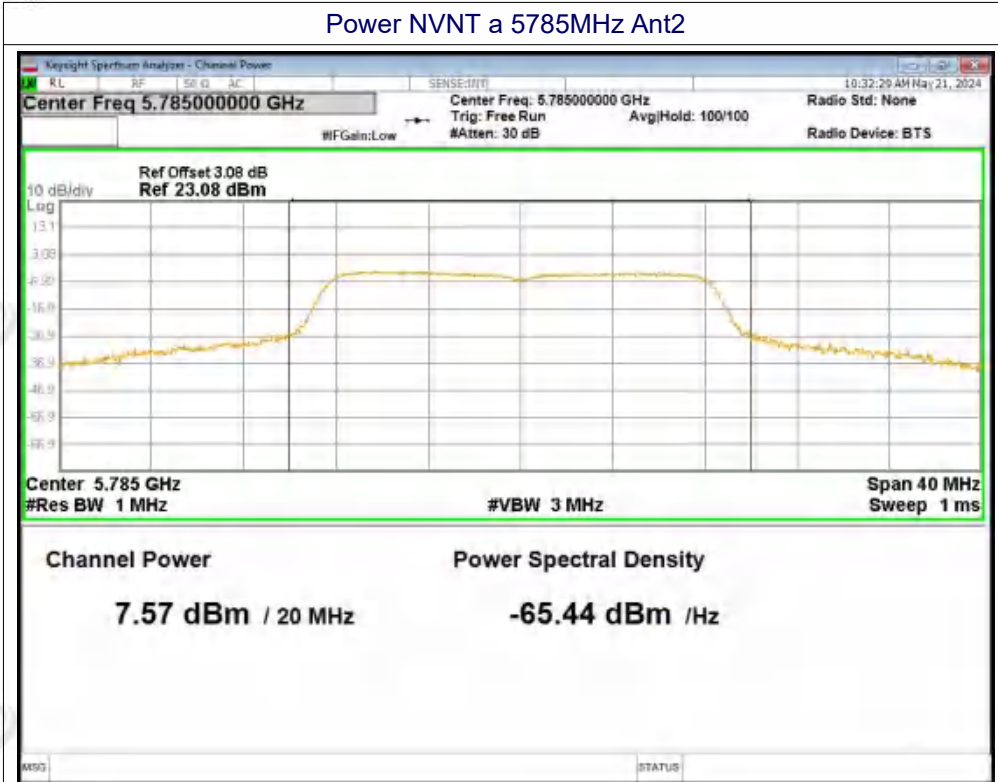


Power NVNT a 5745MHz Ant2

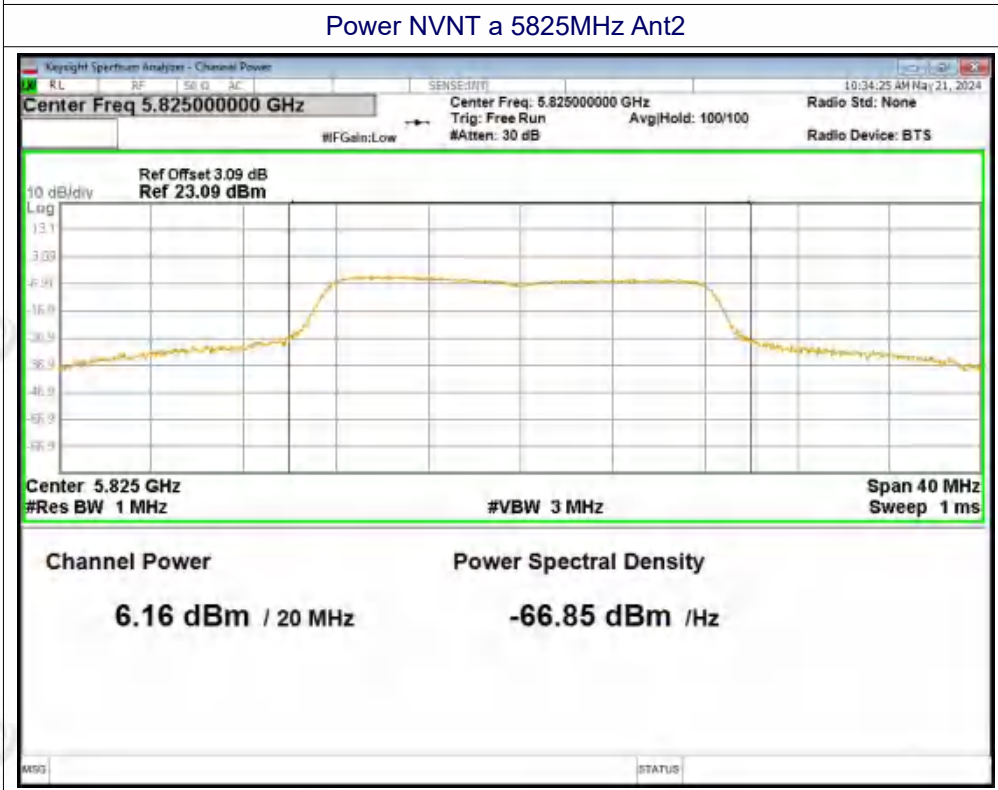




Power NVNT a 5785MHz Ant2

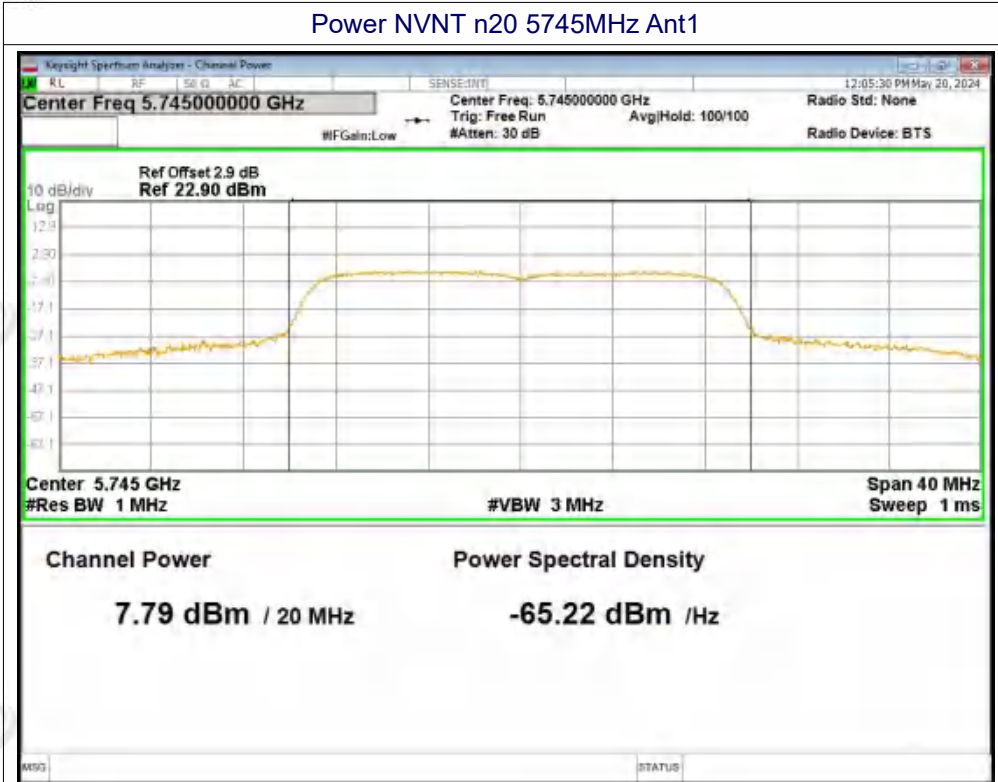


Power NVNT a 5825MHz Ant2

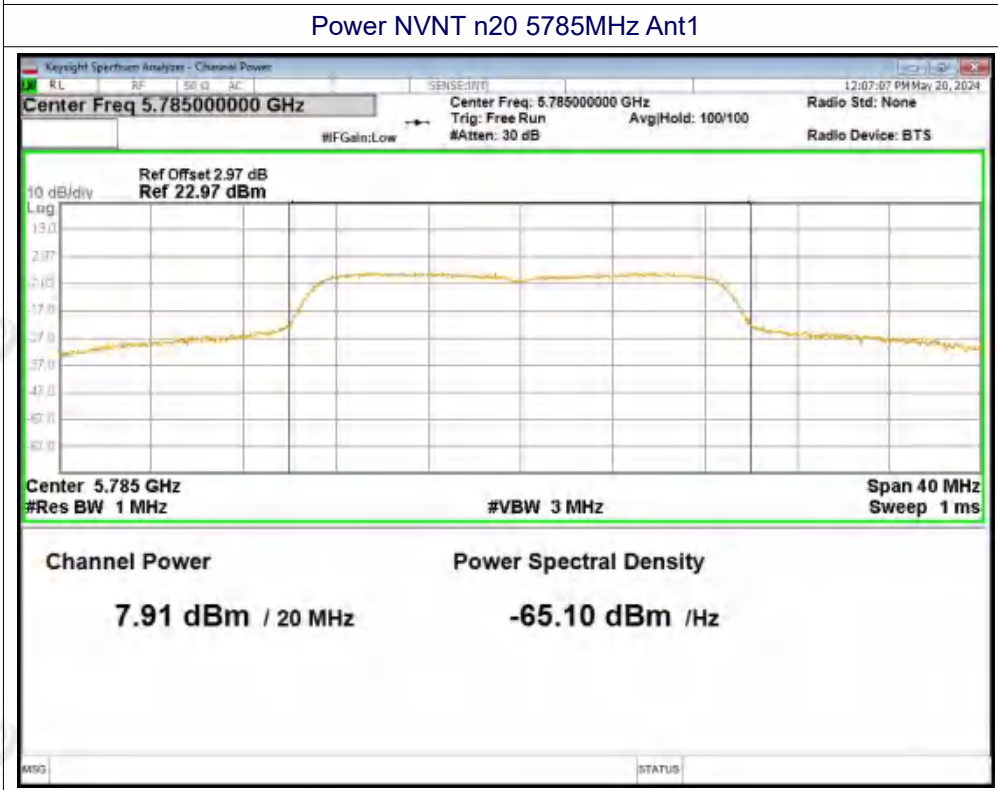




Power NVNT n20 5745MHz Ant1

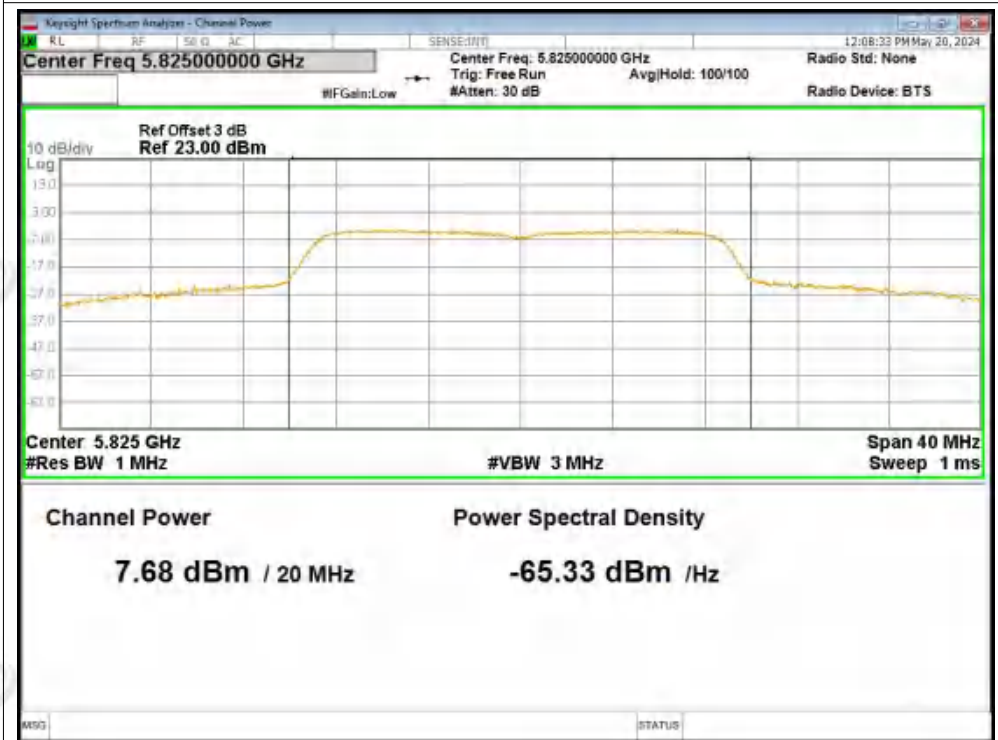


Power NVNT n20 5785MHz Ant1

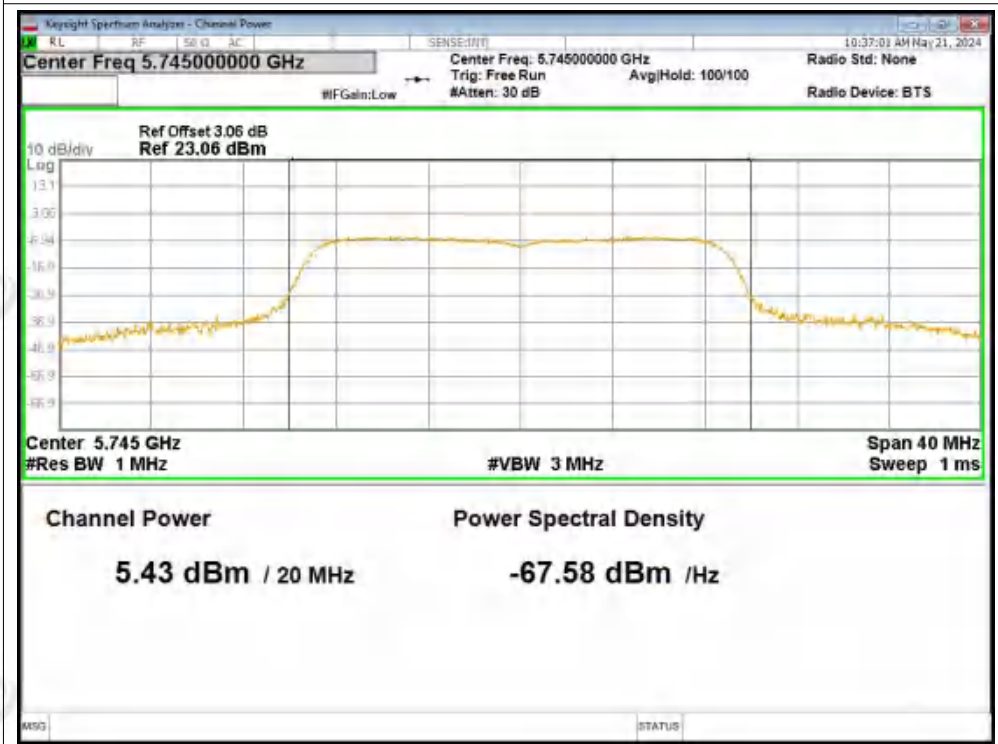




Power NVNT n20 5825MHz Ant1

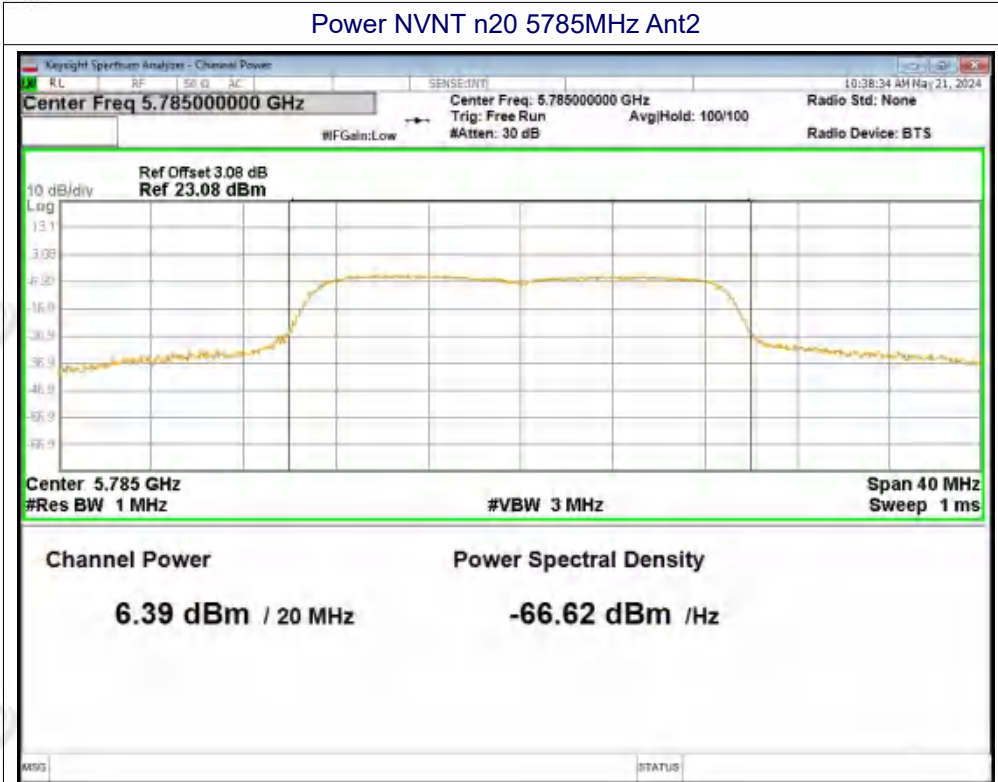


Power NVNT n20 5745MHz Ant2

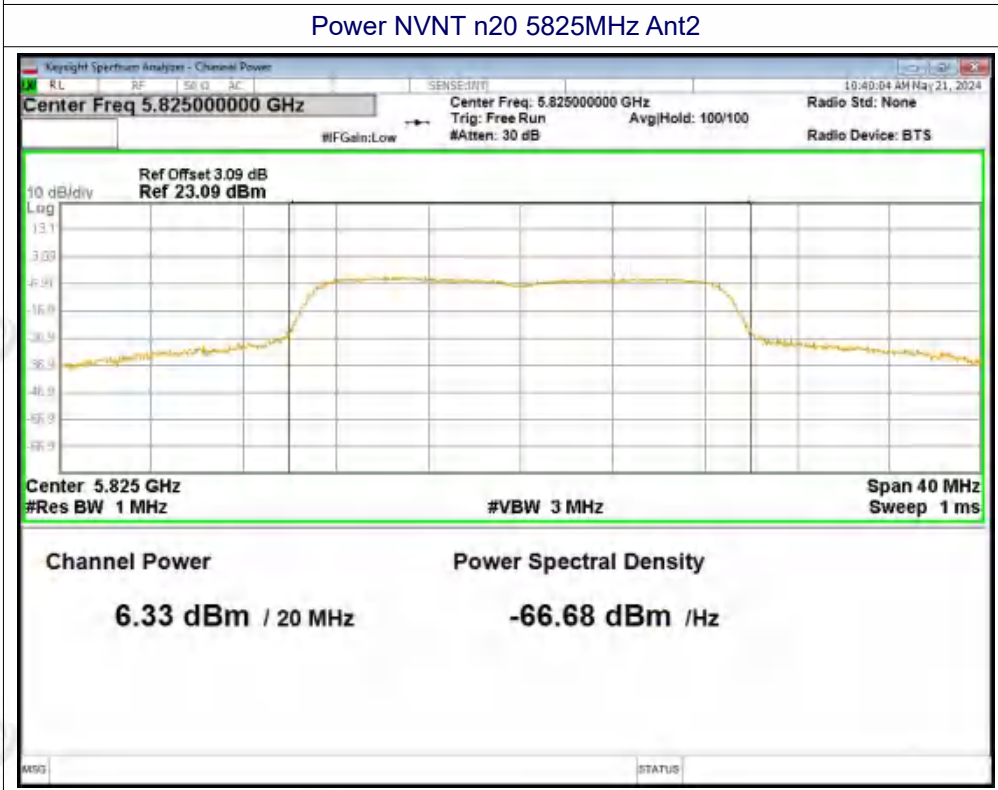




Power NVNT n20 5785MHz Ant2

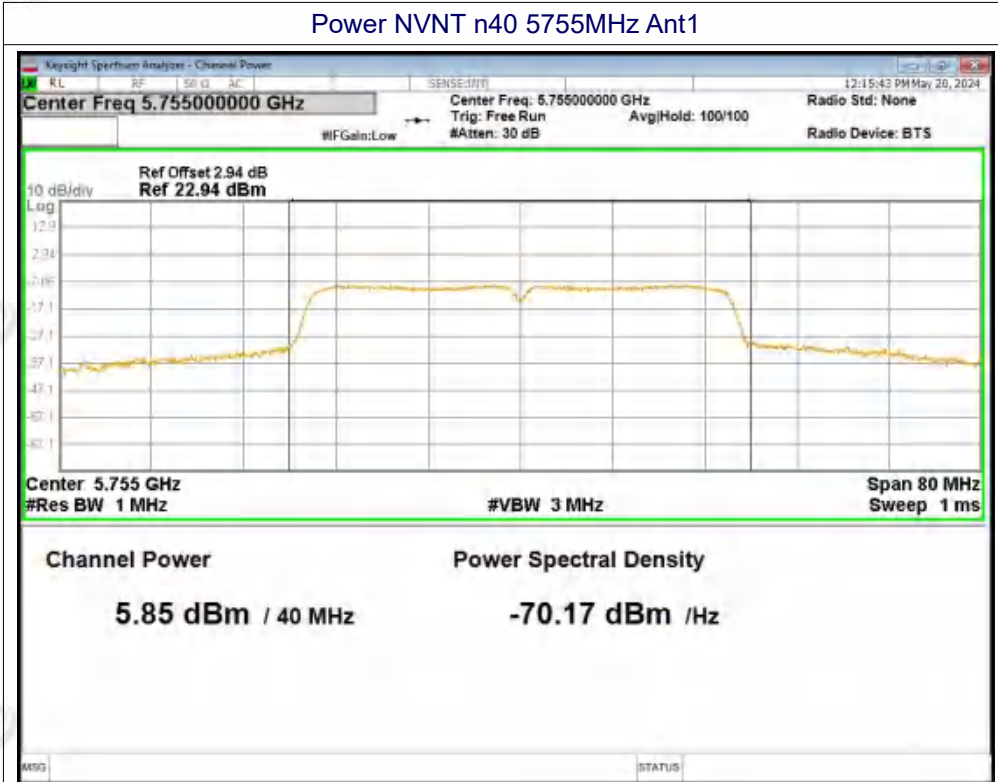


Power NVNT n20 5825MHz Ant2

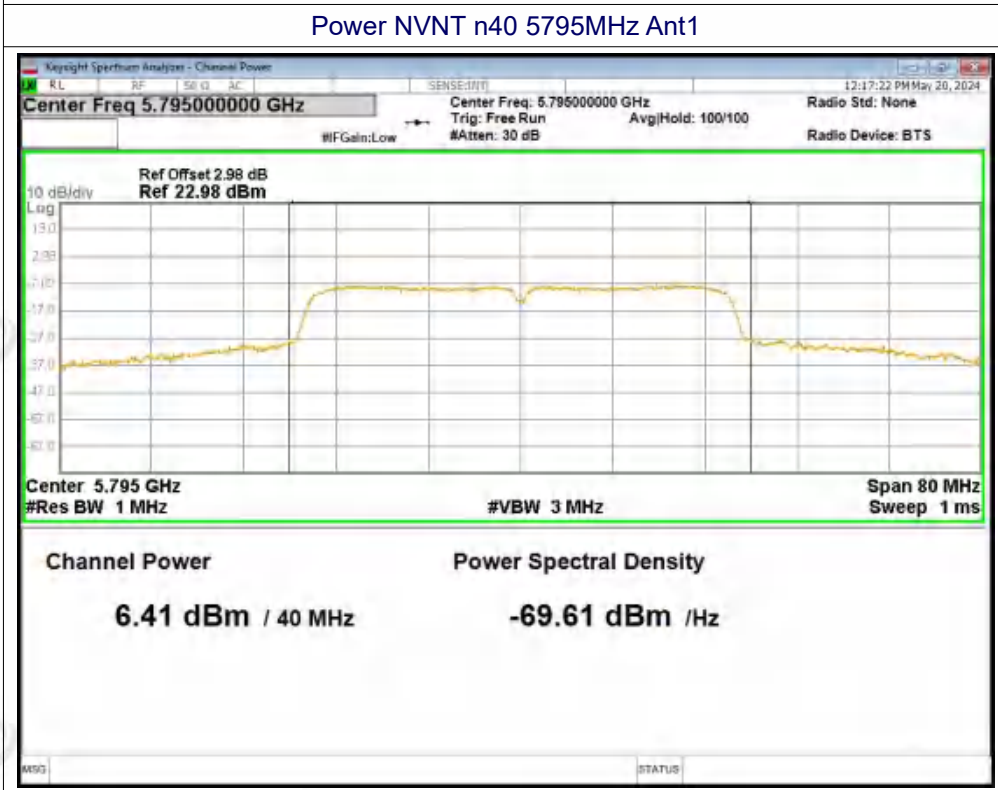




Power NVNT n40 5755MHz Ant1

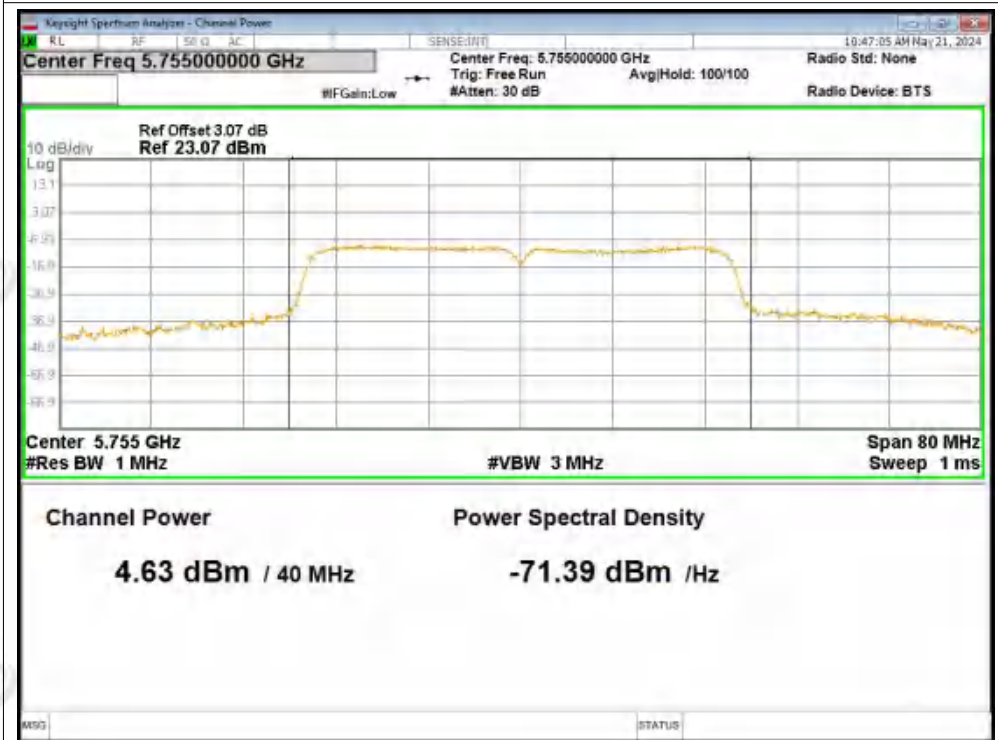


Power NVNT n40 5795MHz Ant1

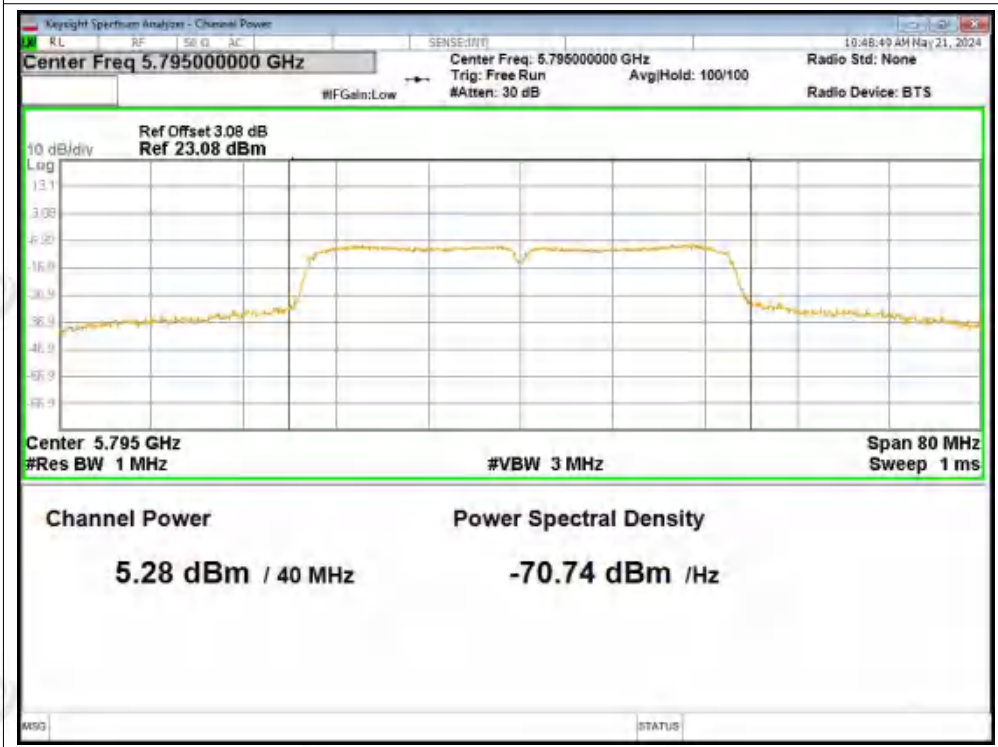




Power NVNT n40 5755MHz Ant2

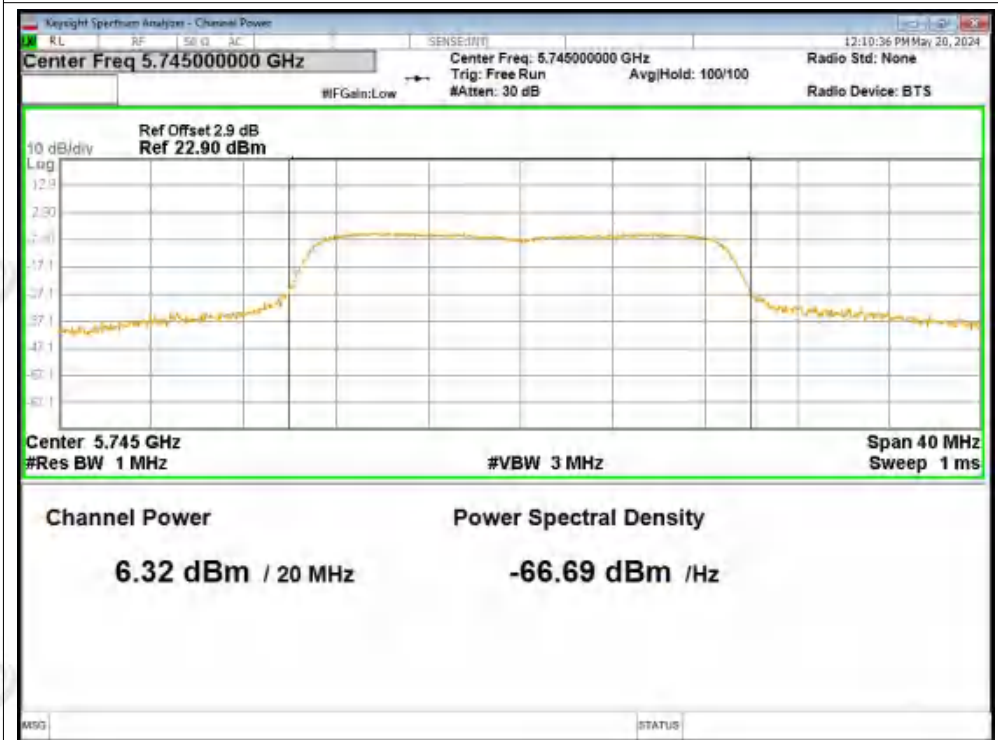


Power NVNT n40 5795MHz Ant2

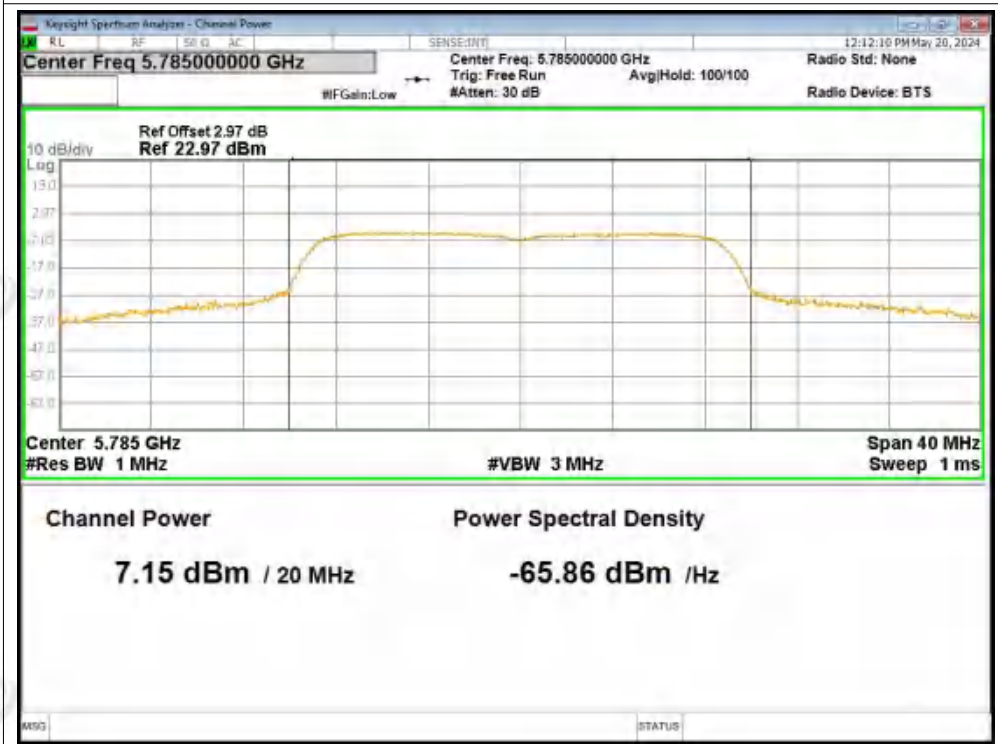




Power NVNT ac20 5745MHz Ant1

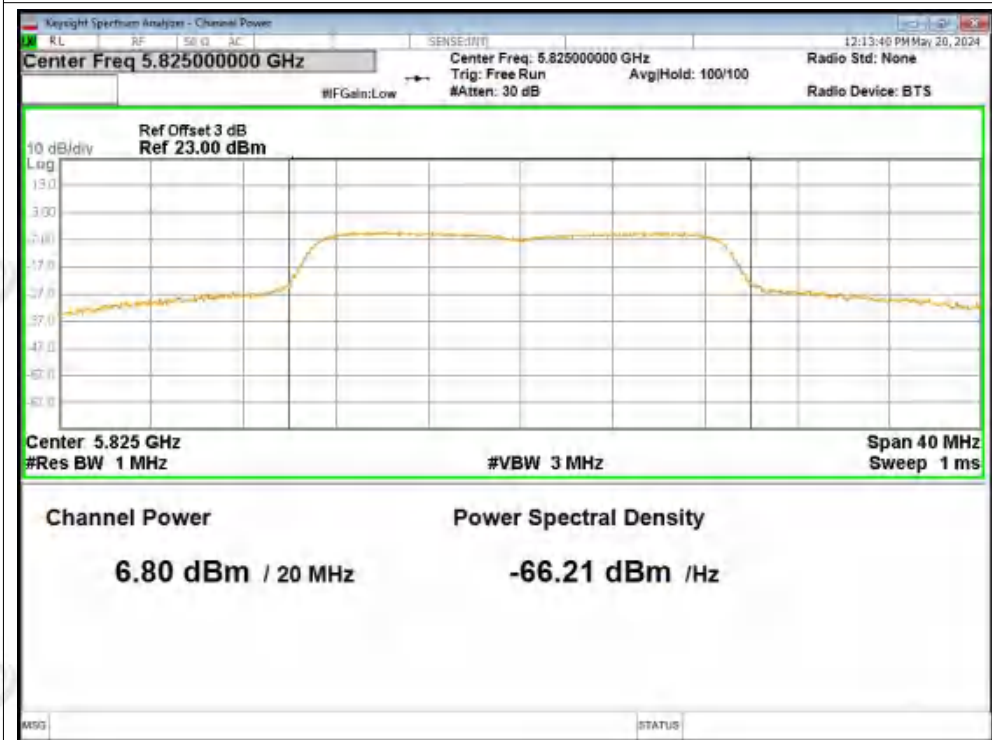


Power NVNT ac20 5785MHz Ant1

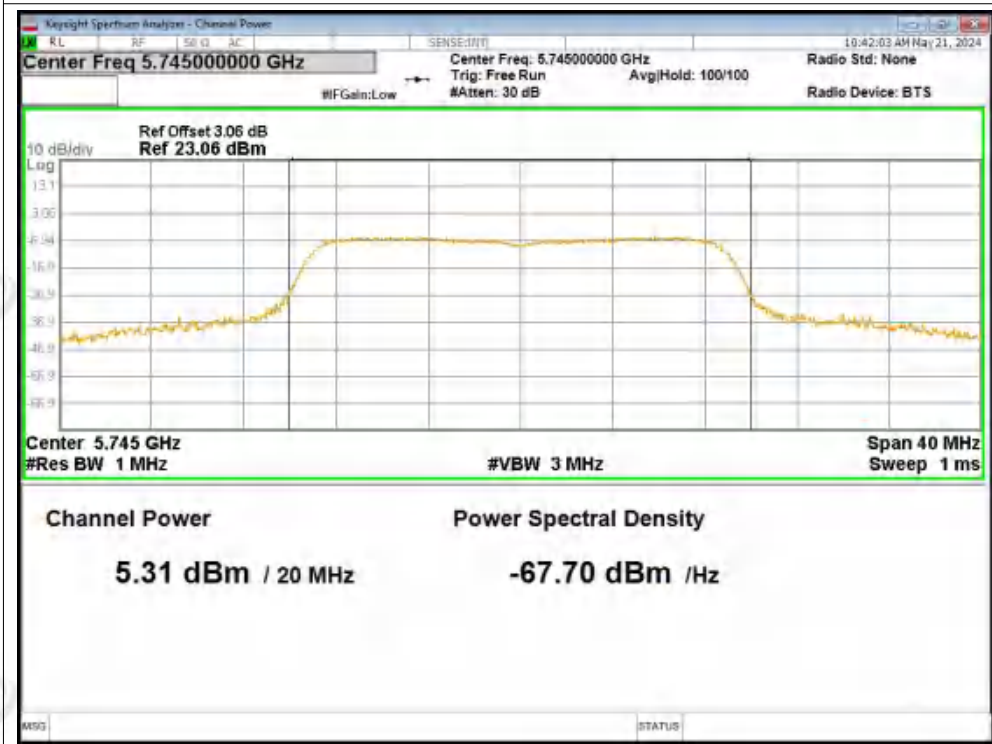




Power NVNT ac20 5825MHz Ant1

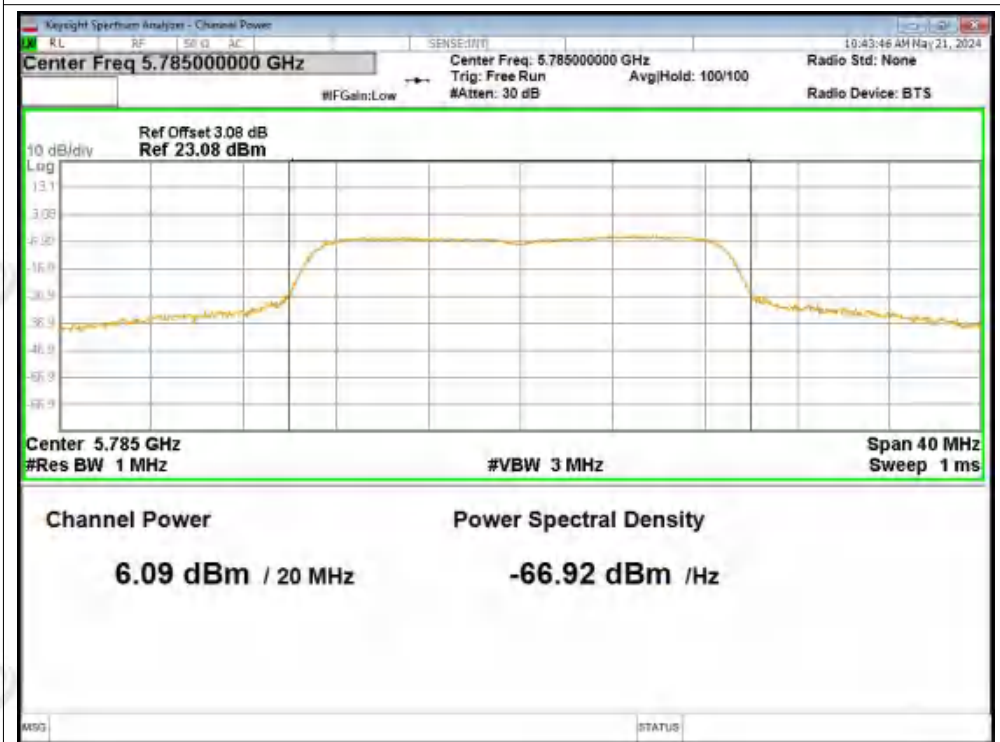


Power NVNT ac20 5745MHz Ant2

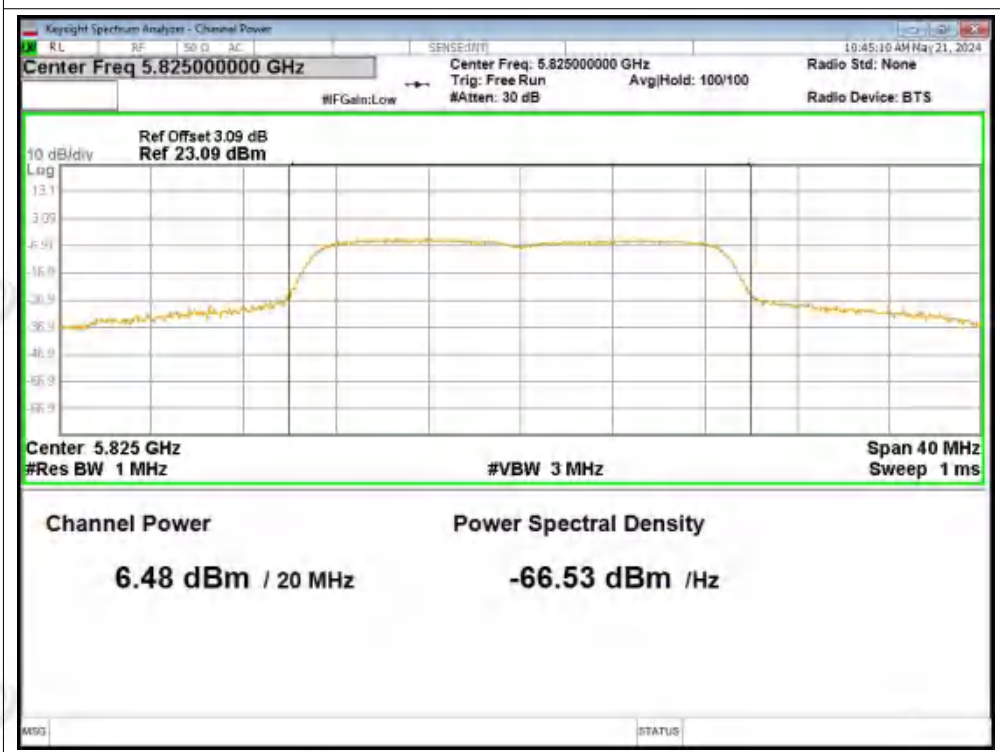




Power NVNT ac20 5785MHz Ant2

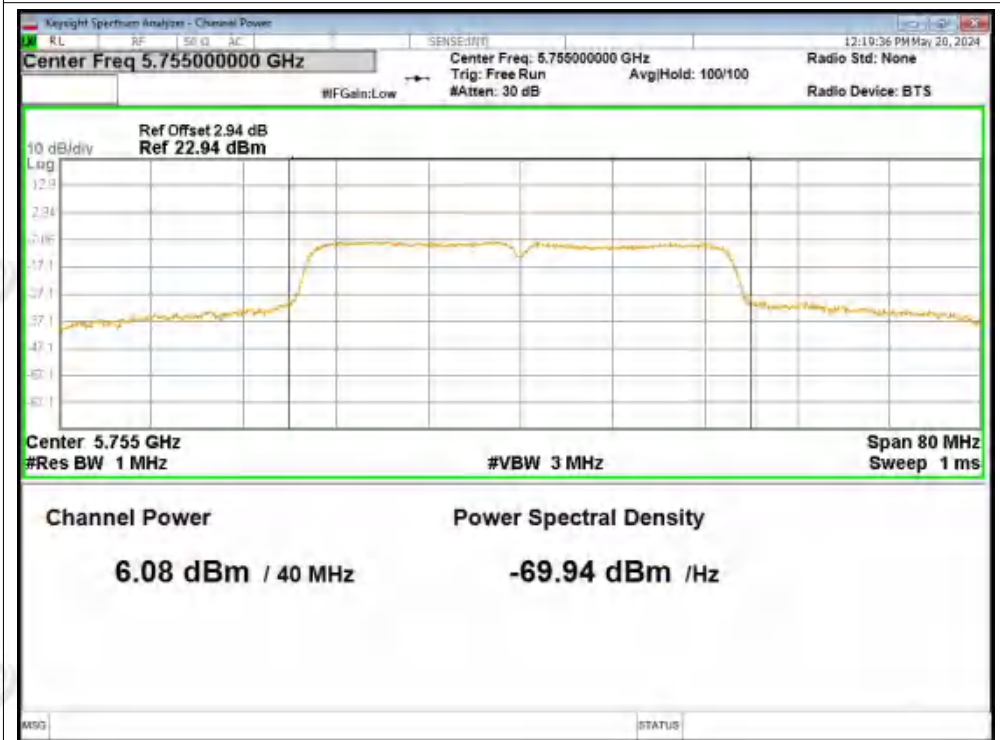


Power NVNT ac20 5825MHz Ant2

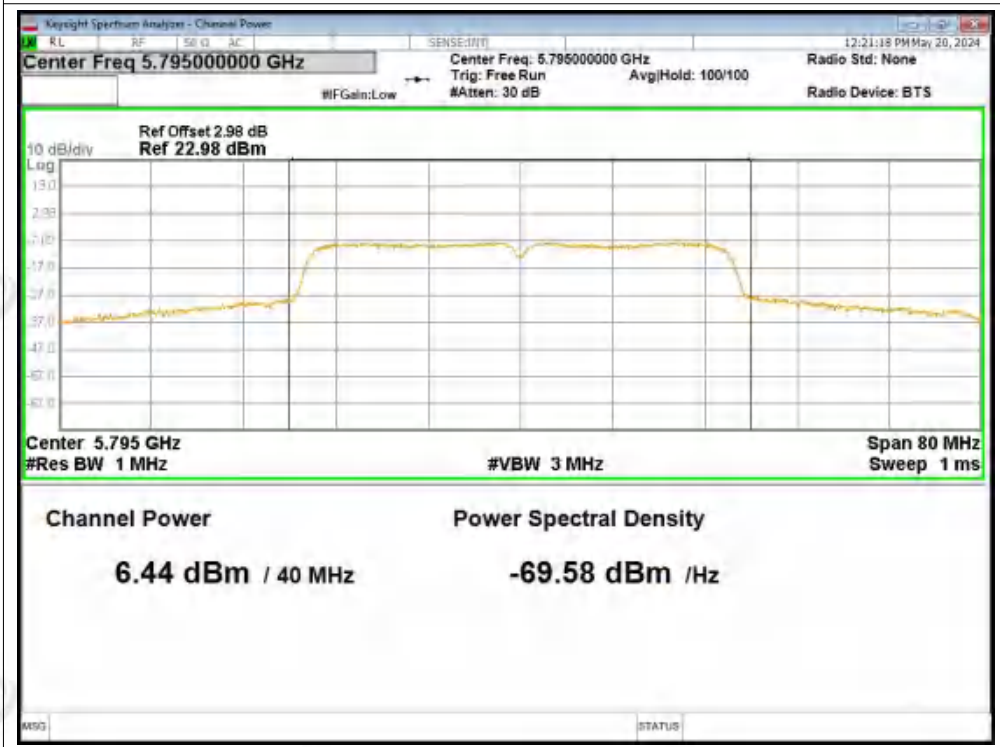




Power NVNT ac40 5755MHz Ant1

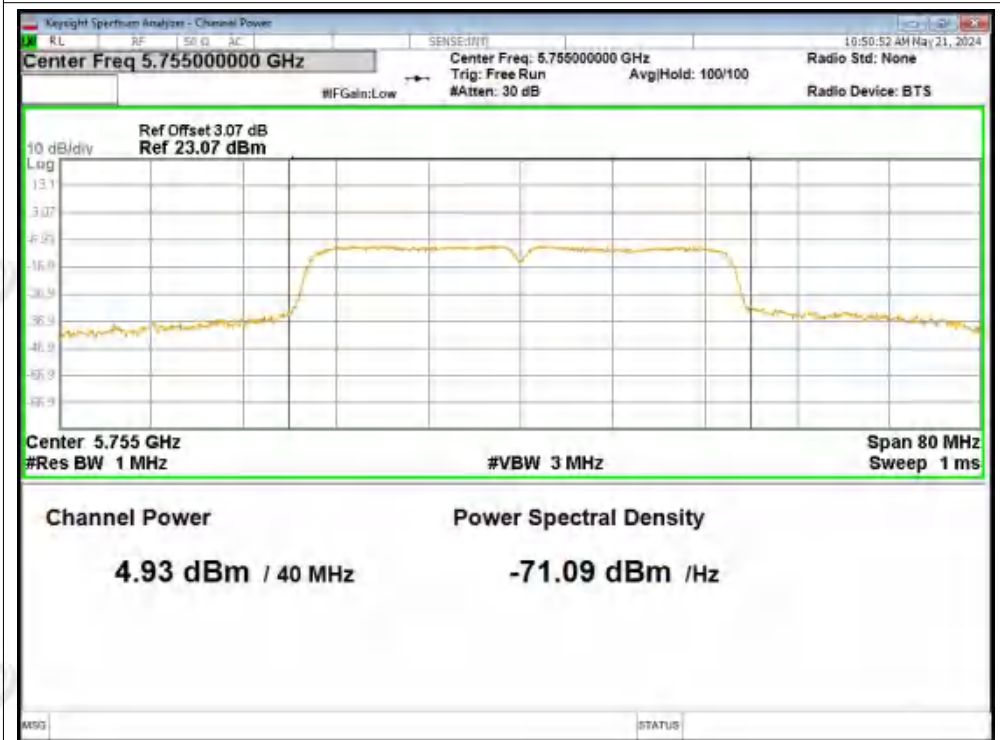


Power NVNT ac40 5795MHz Ant1

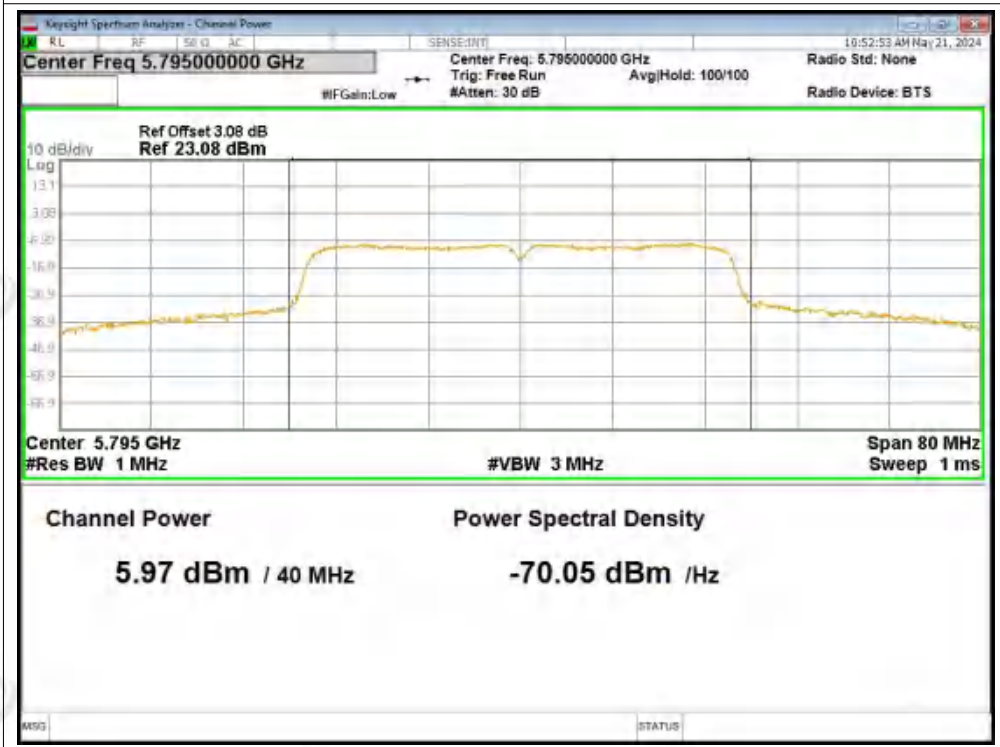




Power NVNT ac40 5755MHz Ant2

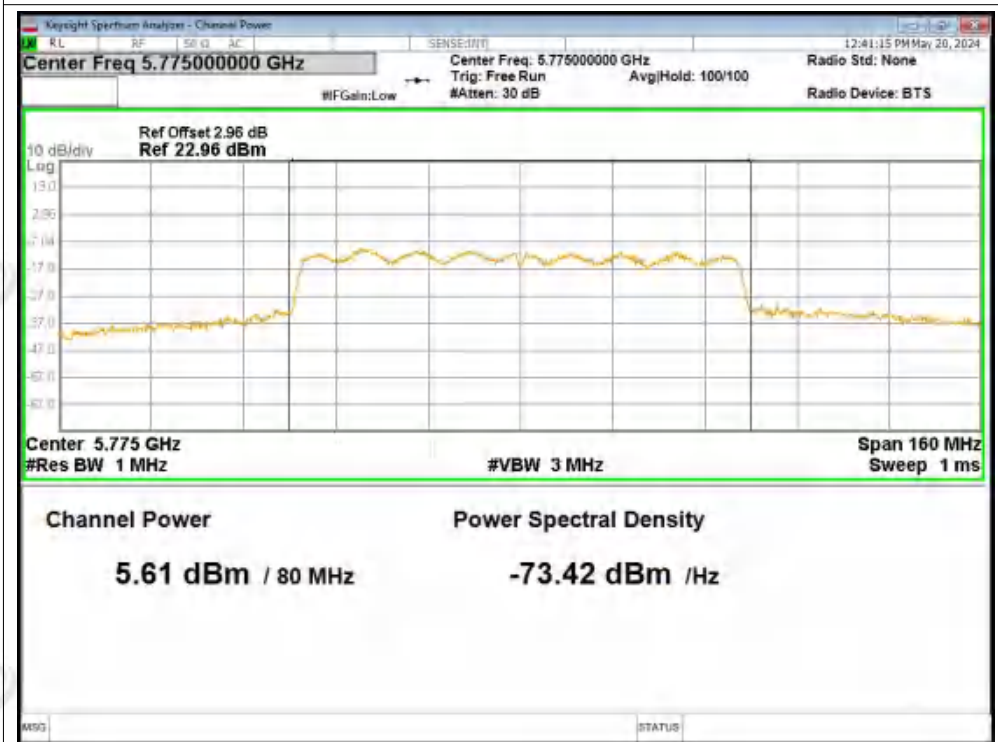


Power NVNT ac40 5795MHz Ant2

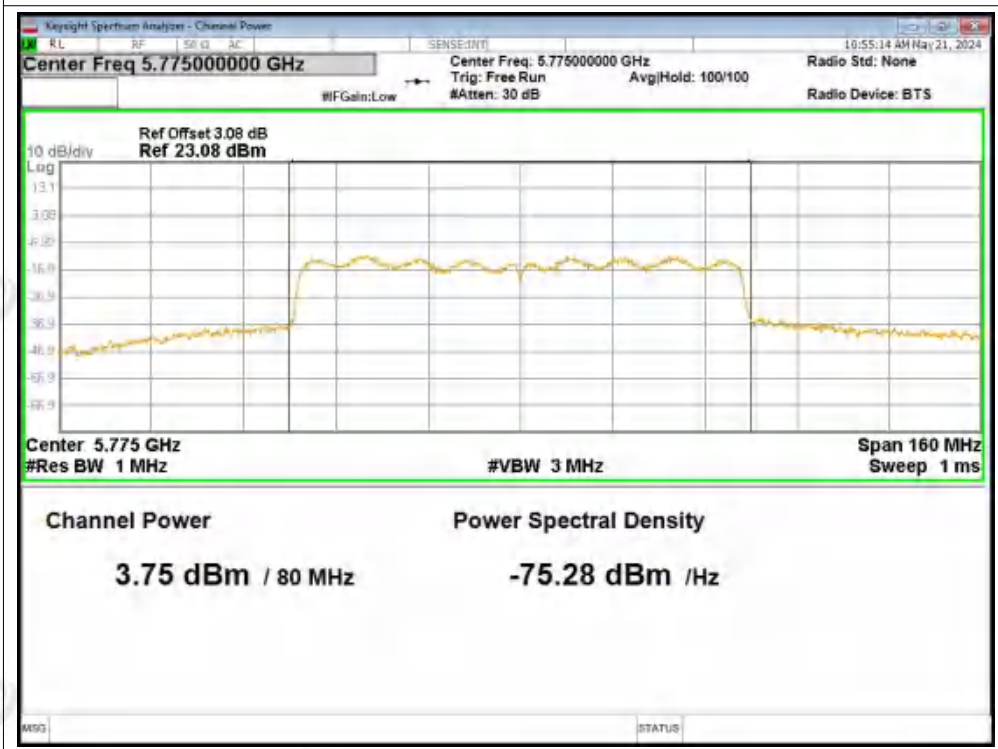




Power NVNT ac80 5775MHz Ant1



Power NVNT ac80 5775MHz Ant2





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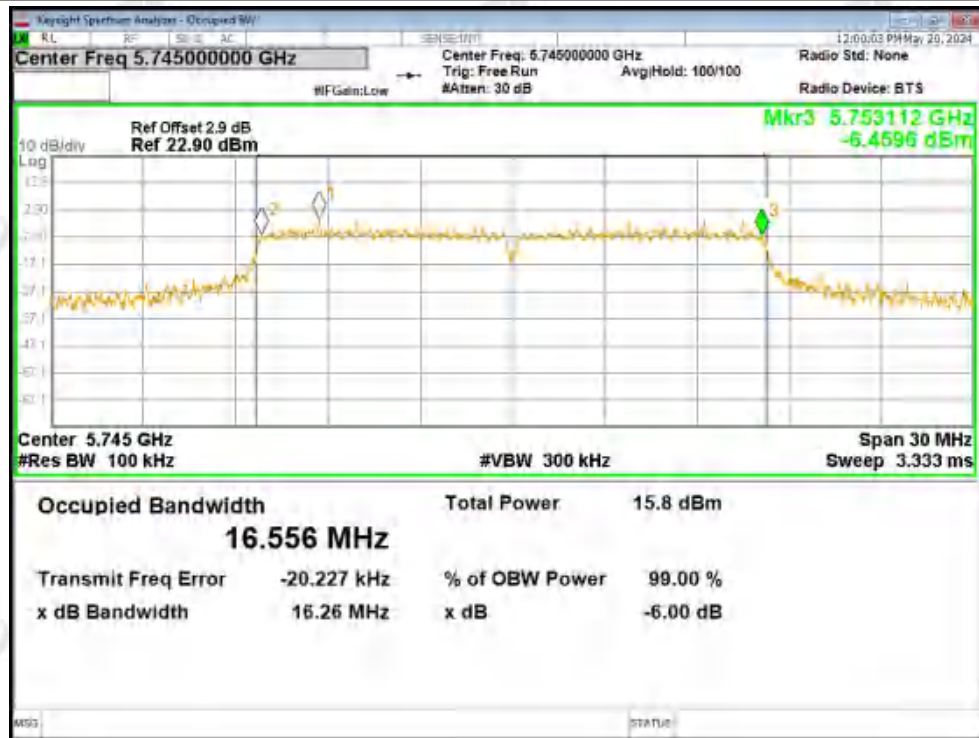
B3. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.264	0.5	Pass
NVNT	a	5785	Ant1	16.355	0.5	Pass
NVNT	a	5825	Ant1	16.335	0.5	Pass
NVNT	a	5745	Ant2	16.311	0.5	Pass
NVNT	a	5785	Ant2	16.147	0.5	Pass
NVNT	a	5825	Ant2	16.292	0.5	Pass
NVNT	n20	5745	Ant1	16.501	0.5	Pass
NVNT	n20	5785	Ant1	16.624	0.5	Pass
NVNT	n20	5825	Ant1	16.902	0.5	Pass
NVNT	n20	5745	Ant2	16.884	0.5	Pass
NVNT	n20	5785	Ant2	16.678	0.5	Pass
NVNT	n20	5825	Ant2	16.313	0.5	Pass
NVNT	n40	5755	Ant1	35.476	0.5	Pass
NVNT	n40	5795	Ant1	35.073	0.5	Pass
NVNT	n40	5755	Ant2	35.239	0.5	Pass
NVNT	n40	5795	Ant2	35.045	0.5	Pass
NVNT	ac20	5745	Ant1	17.137	0.5	Pass
NVNT	ac20	5785	Ant1	16.922	0.5	Pass
NVNT	ac20	5825	Ant1	16.917	0.5	Pass
NVNT	ac20	5745	Ant2	16.768	0.5	Pass
NVNT	ac20	5785	Ant2	16.941	0.5	Pass
NVNT	ac20	5825	Ant2	16.815	0.5	Pass
NVNT	ac40	5755	Ant1	35.027	0.5	Pass
NVNT	ac40	5795	Ant1	35.138	0.5	Pass
NVNT	ac40	5755	Ant2	35.258	0.5	Pass
NVNT	ac40	5795	Ant2	35.233	0.5	Pass
NVNT	ac80	5775	Ant1	75.108	0.5	Pass
NVNT	ac80	5775	Ant2	75.08	0.5	Pass

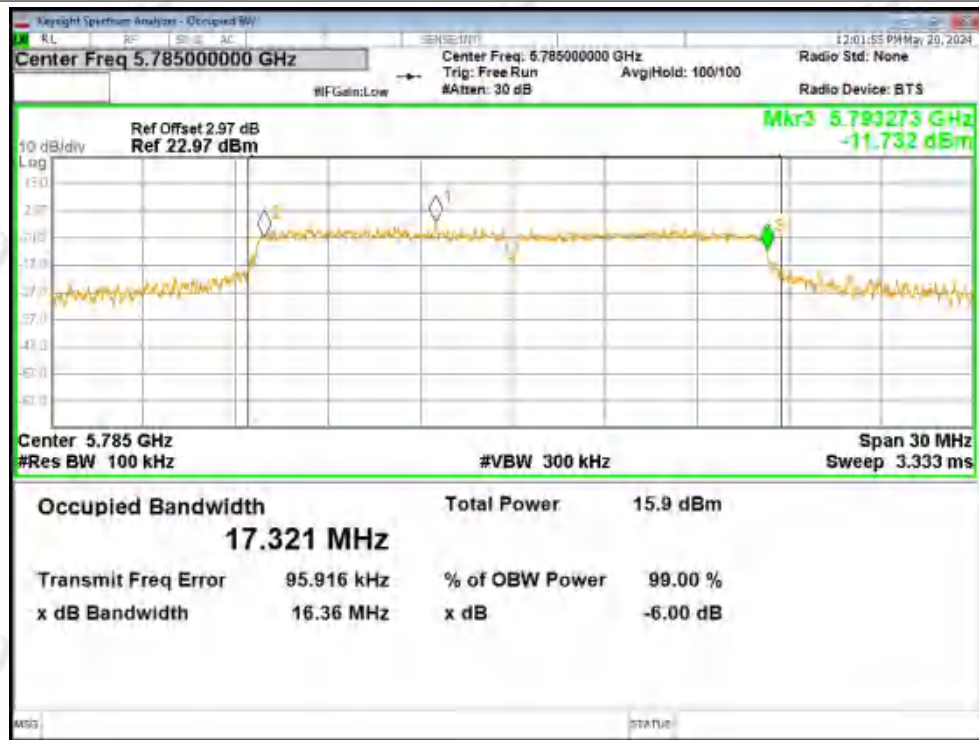


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

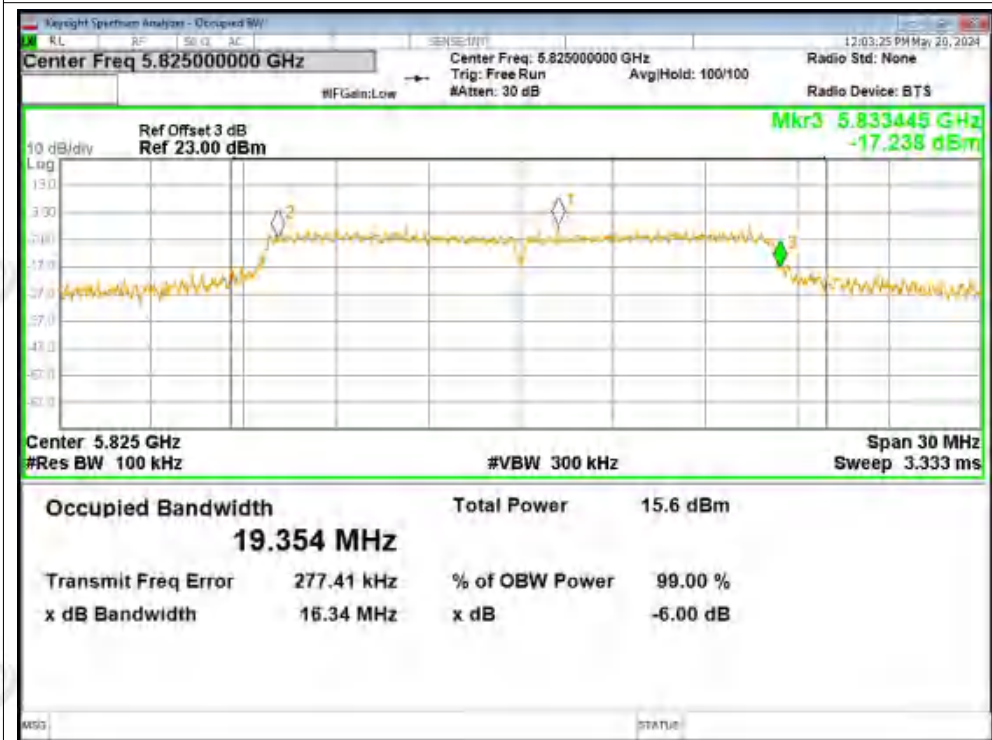


-6dB Bandwidth NVNT a 5785MHz Ant1

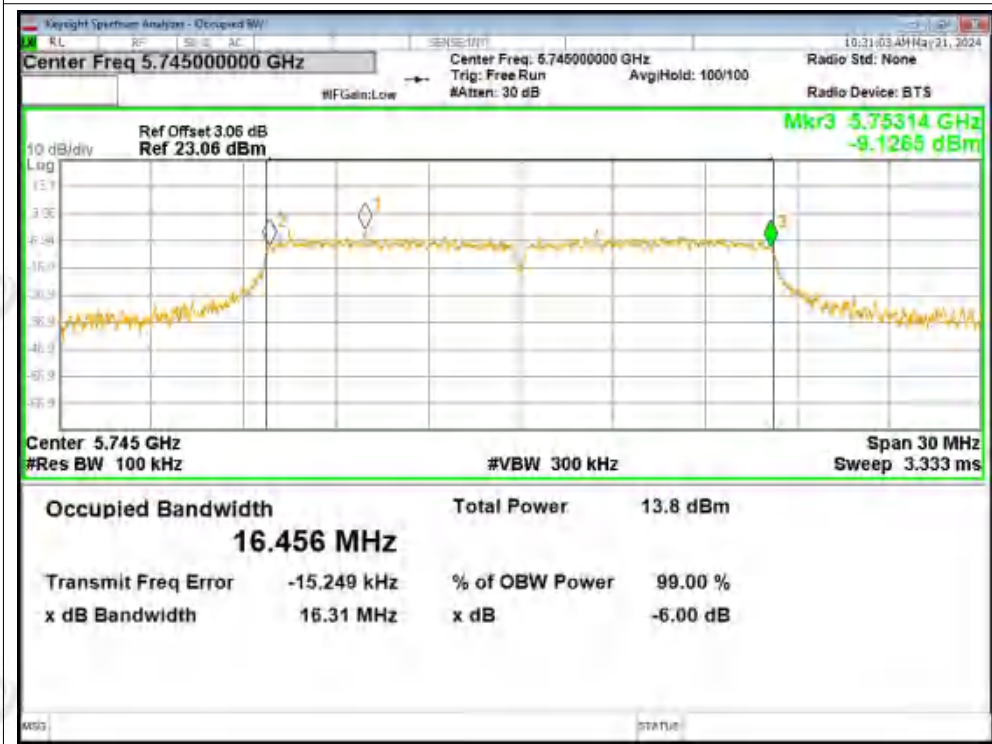




-6dB Bandwidth NVNT a 5825MHz Ant1

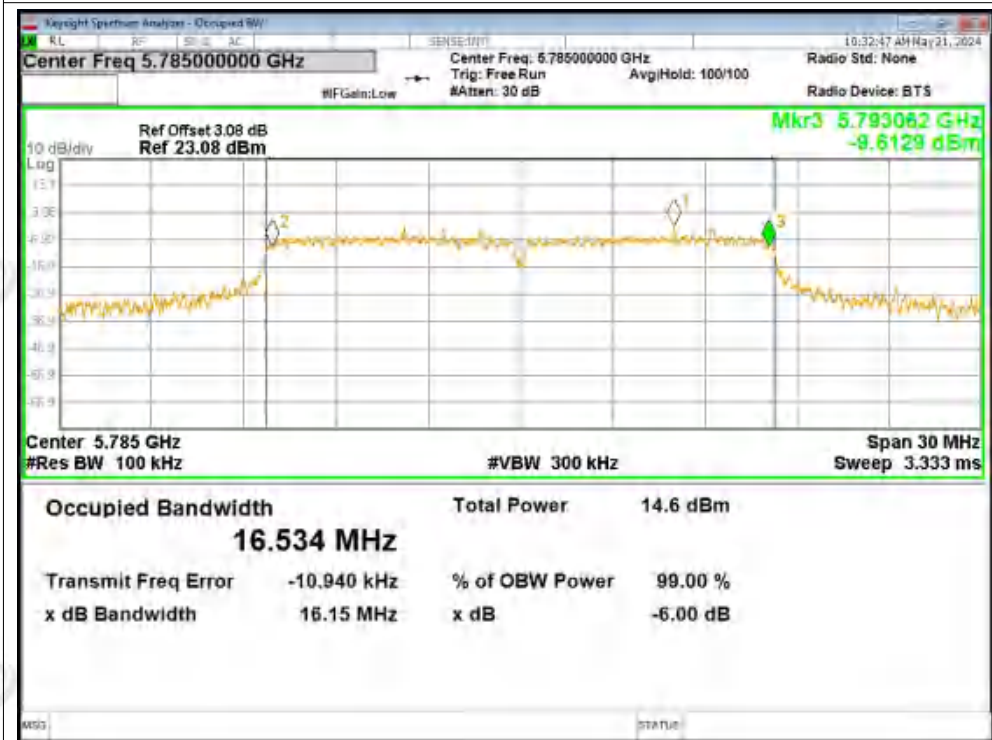


-6dB Bandwidth NVNT a 5745MHz Ant2

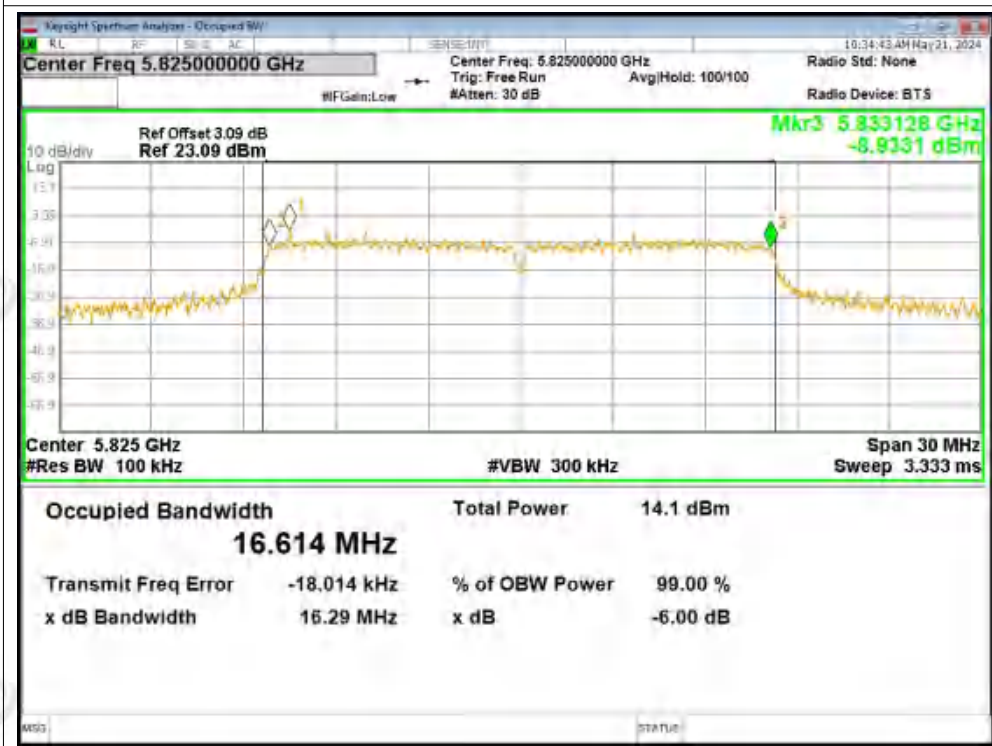




-6dB Bandwidth NVNT a 5785MHz Ant2

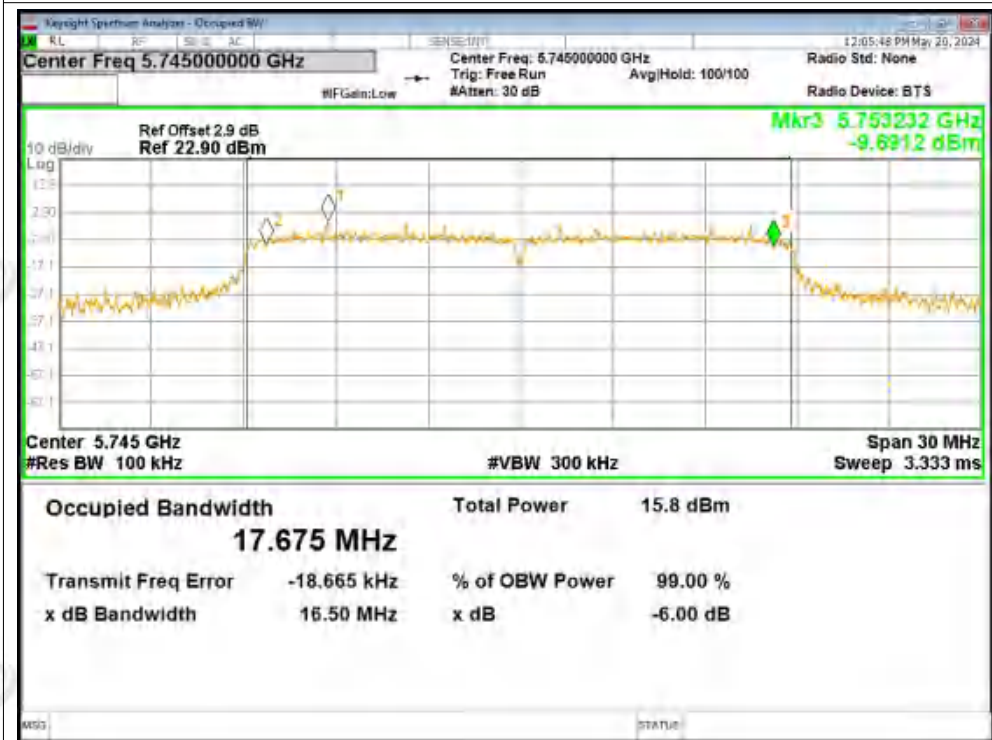


-6dB Bandwidth NVNT a 5825MHz Ant2

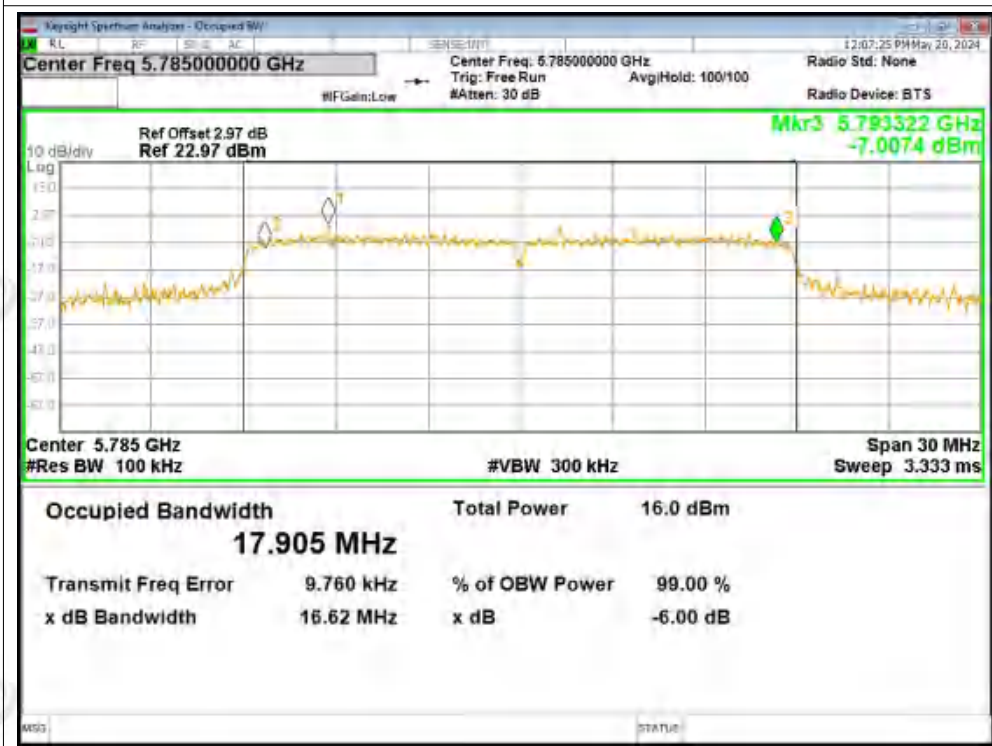




-6dB Bandwidth NVNT n20 5745MHz Ant1

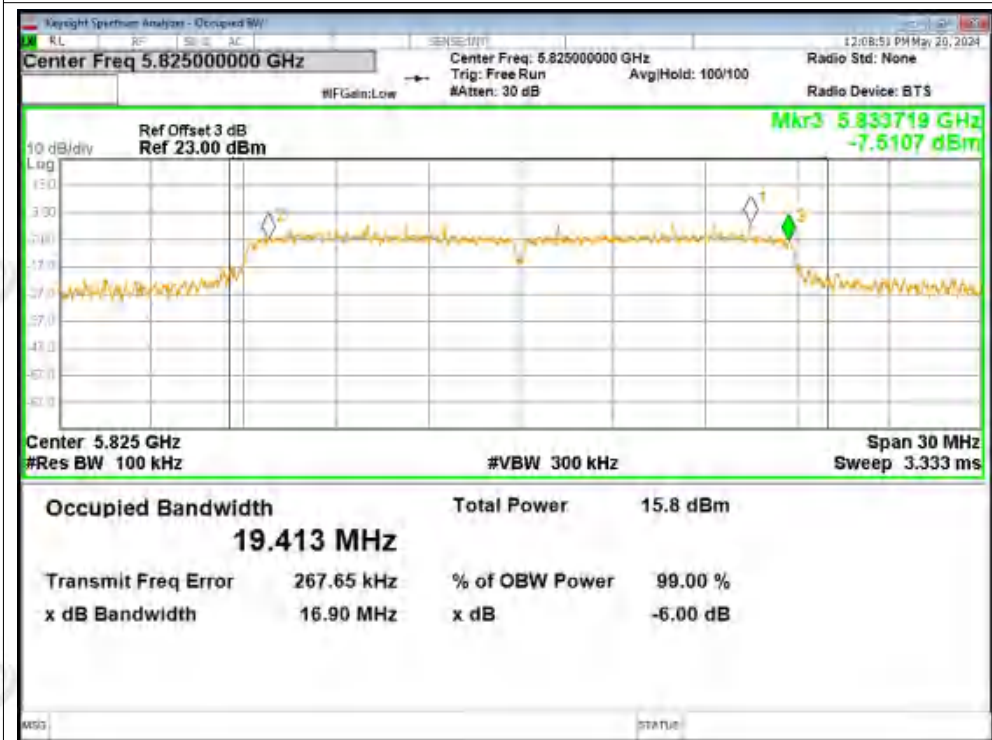


-6dB Bandwidth NVNT n20 5785MHz Ant1

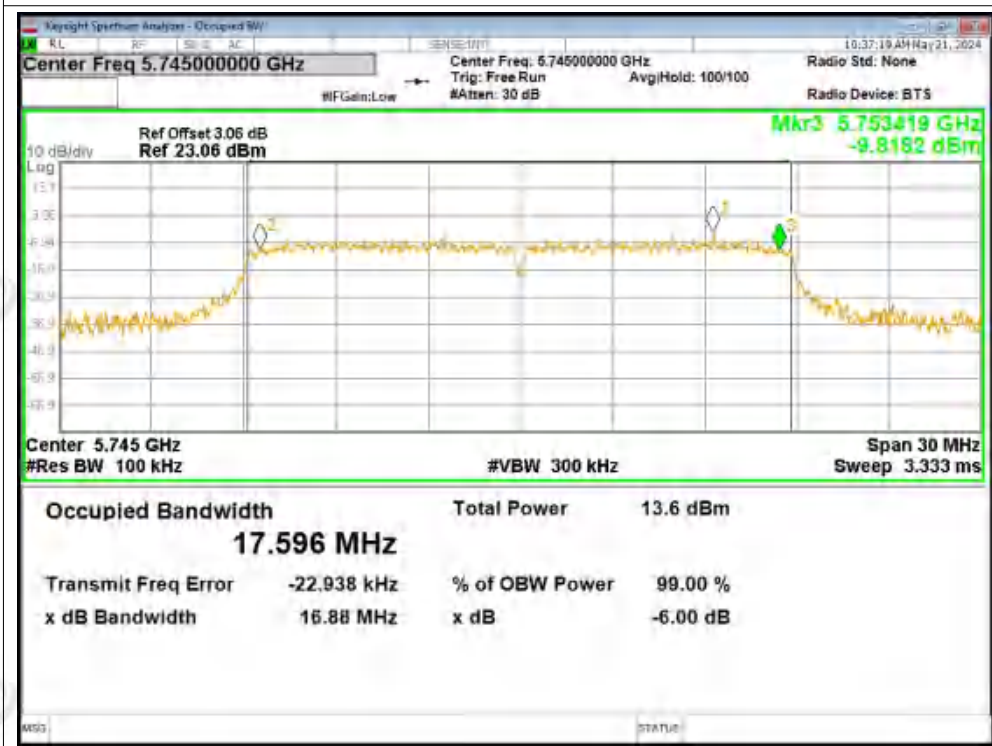




-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant2

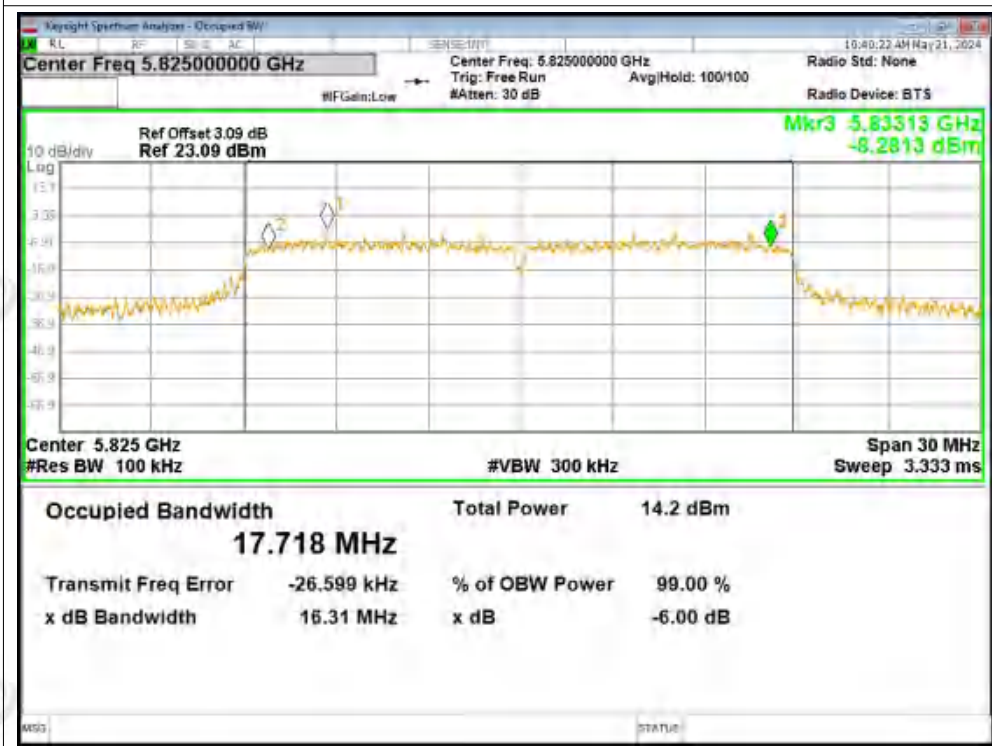




-6dB Bandwidth NVNT n20 5785MHz Ant2

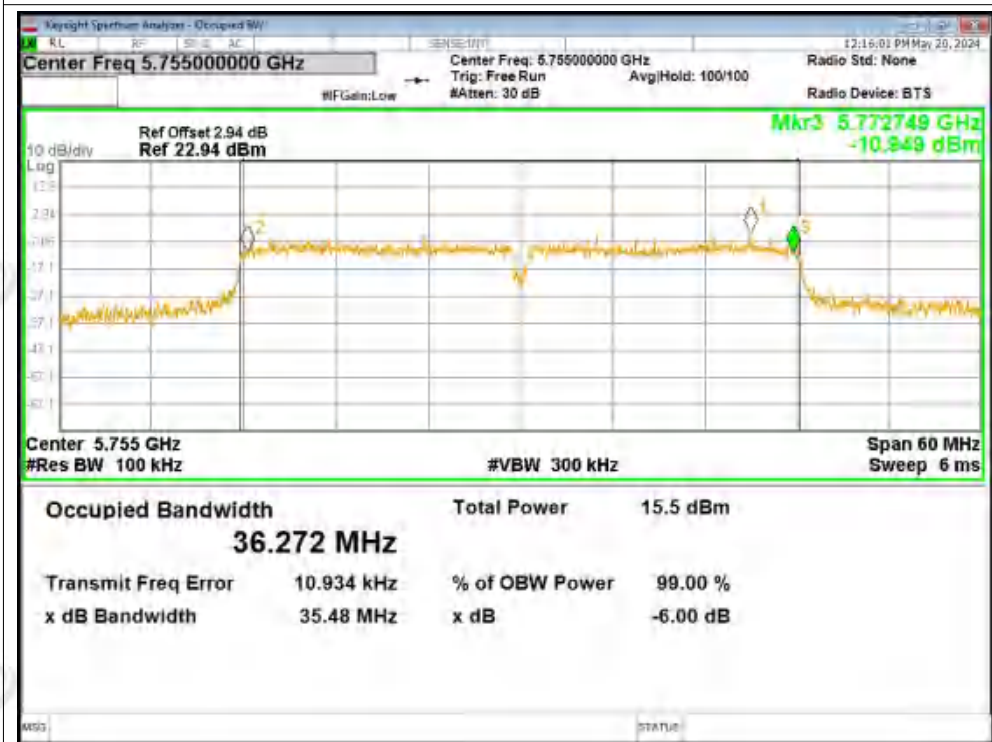


-6dB Bandwidth NVNT n20 5825MHz Ant2

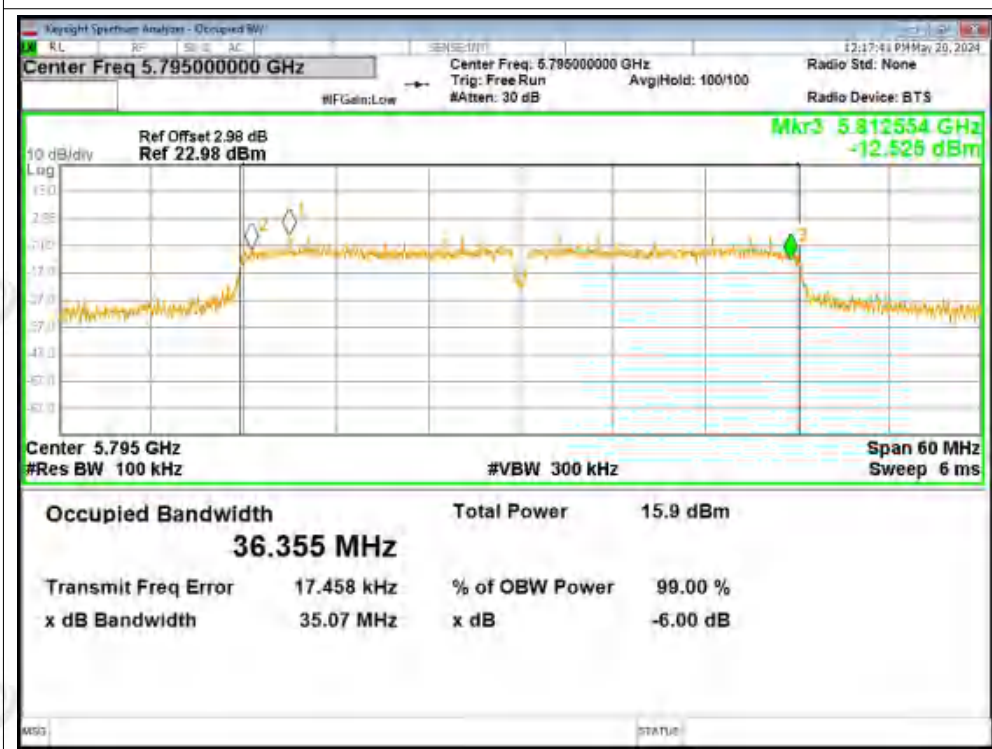




-6dB Bandwidth NVNT n40 5755MHz Ant1

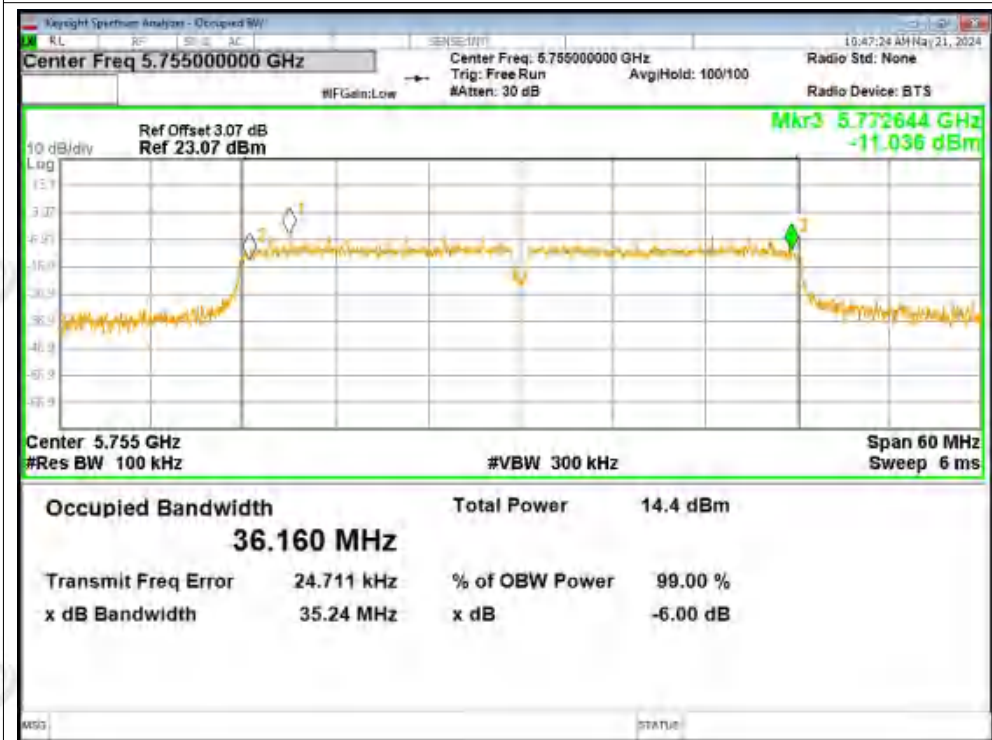


-6dB Bandwidth NVNT n40 5795MHz Ant1

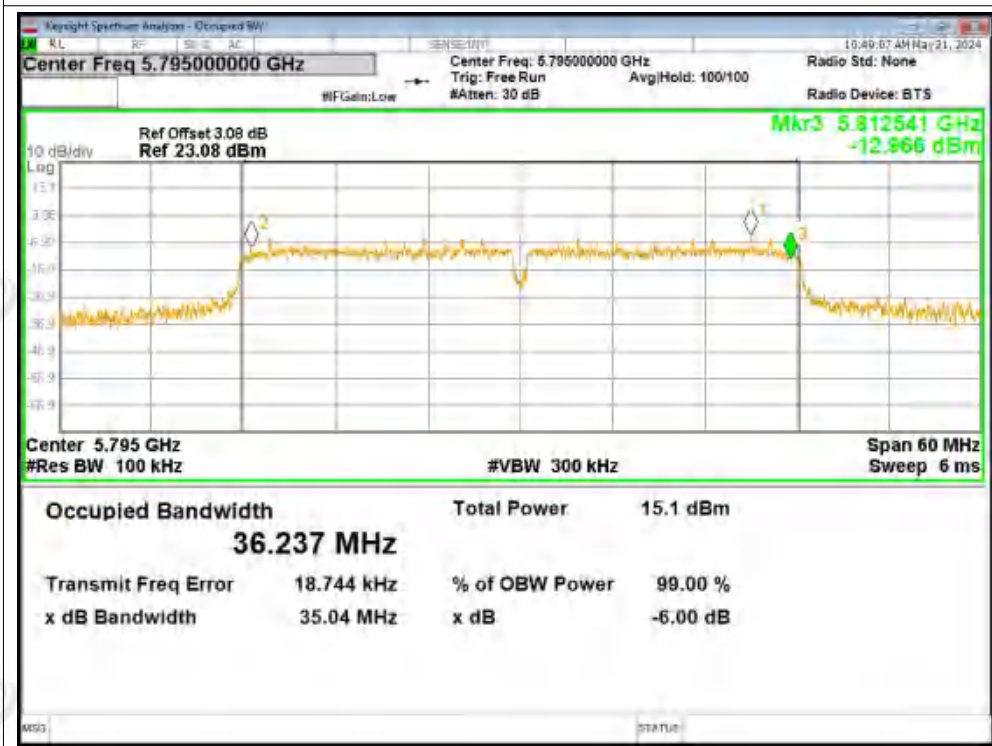




-6dB Bandwidth NVNT n40 5755MHz Ant2

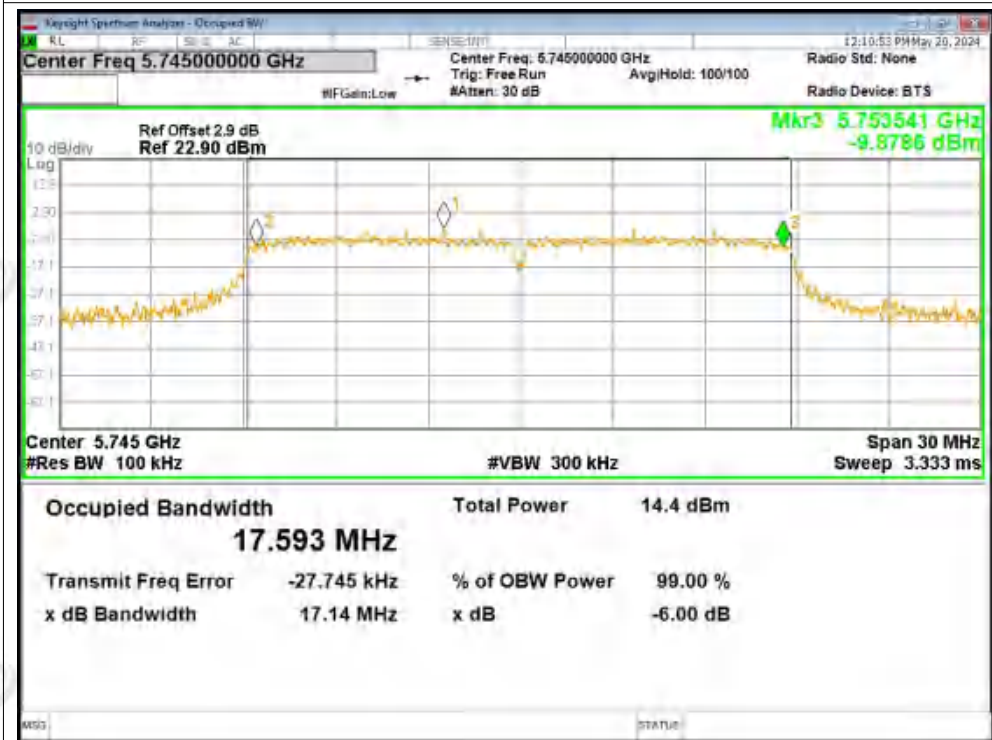


-6dB Bandwidth NVNT n40 5795MHz Ant2

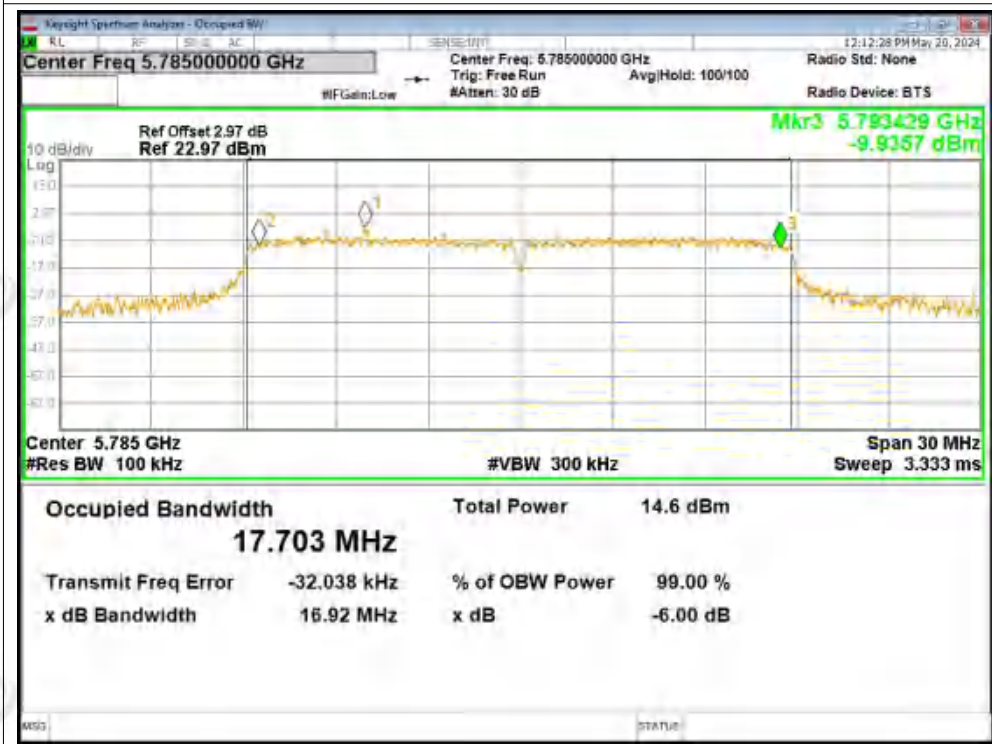




-6dB Bandwidth NVNT ac20 5745MHz Ant1

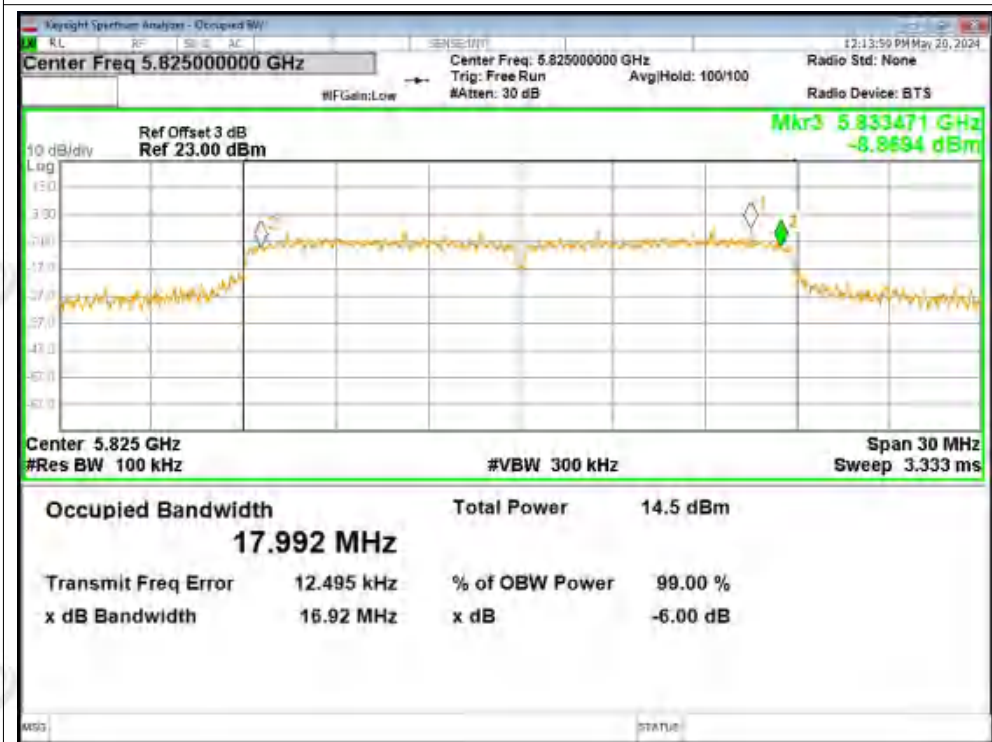


-6dB Bandwidth NVNT ac20 5785MHz Ant1

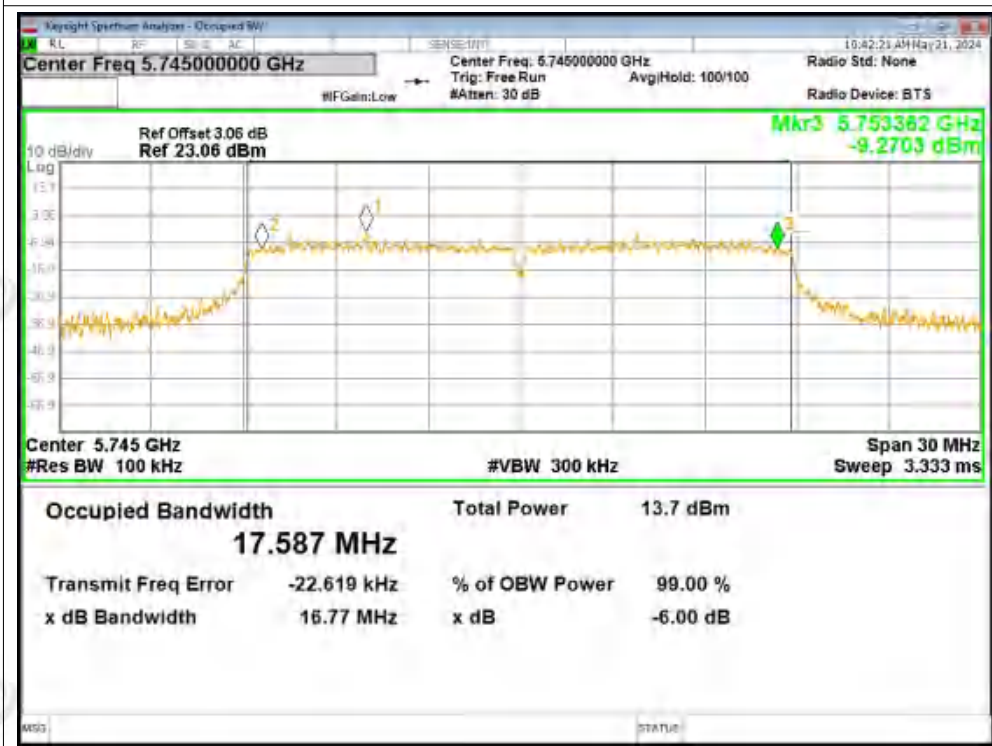




-6dB Bandwidth NVNT ac20 5825MHz Ant1

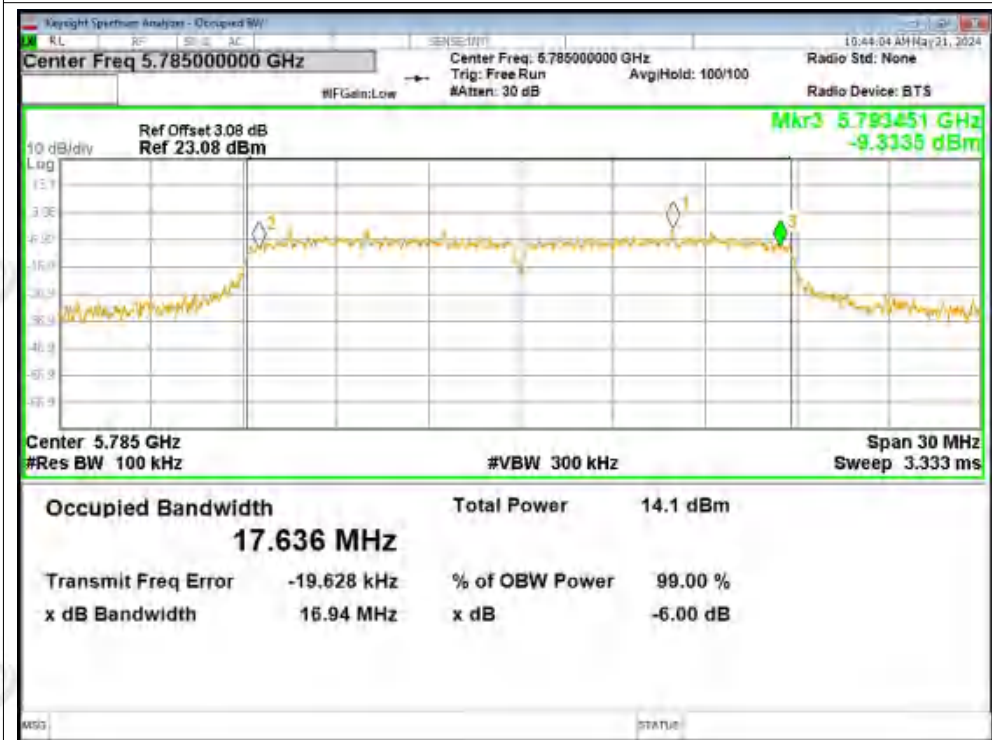


-6dB Bandwidth NVNT ac20 5745MHz Ant2

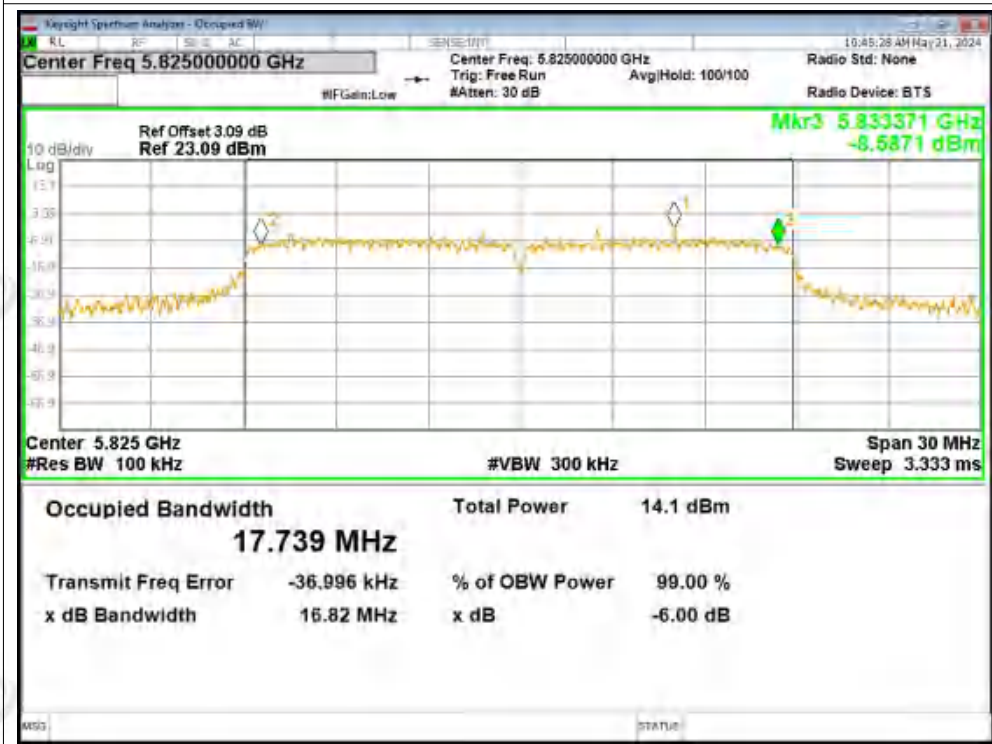




-6dB Bandwidth NVNT ac20 5785MHz Ant2

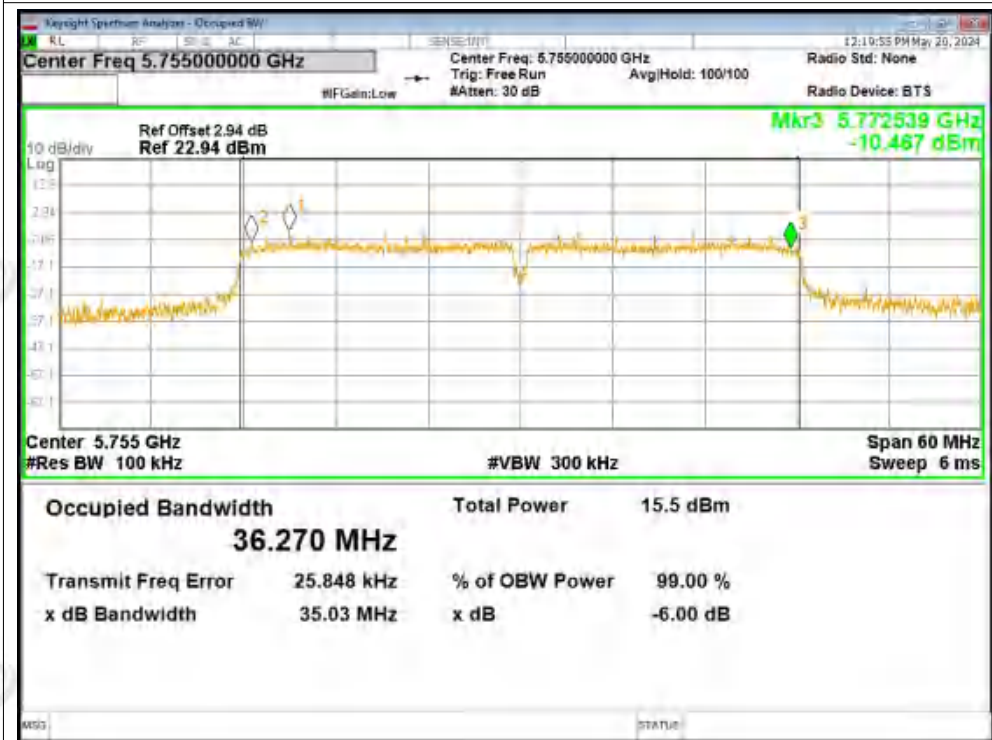


-6dB Bandwidth NVNT ac20 5825MHz Ant2





-6dB Bandwidth NVNT ac40 5755MHz Ant1

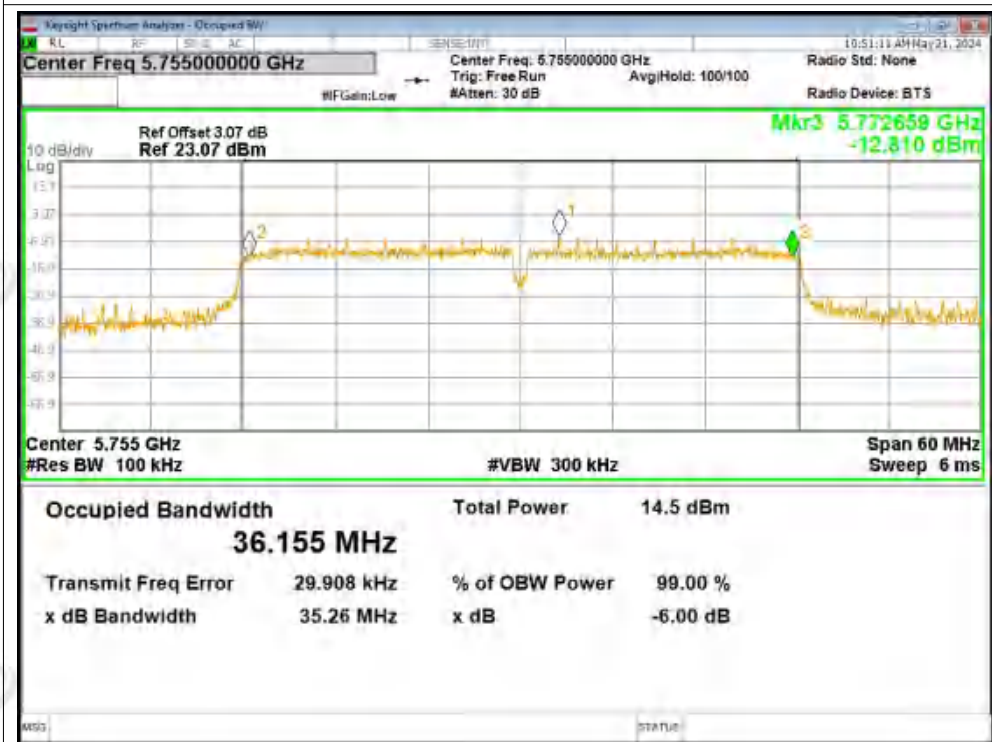


-6dB Bandwidth NVNT ac40 5795MHz Ant1

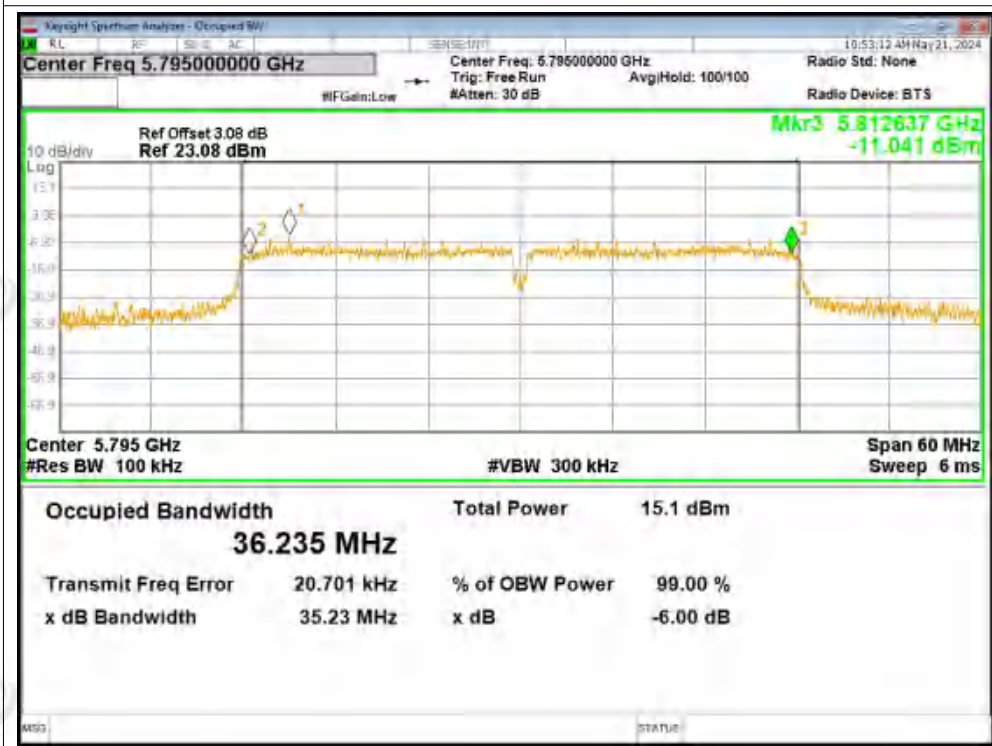




-6dB Bandwidth NVNT ac40 5755MHz Ant2

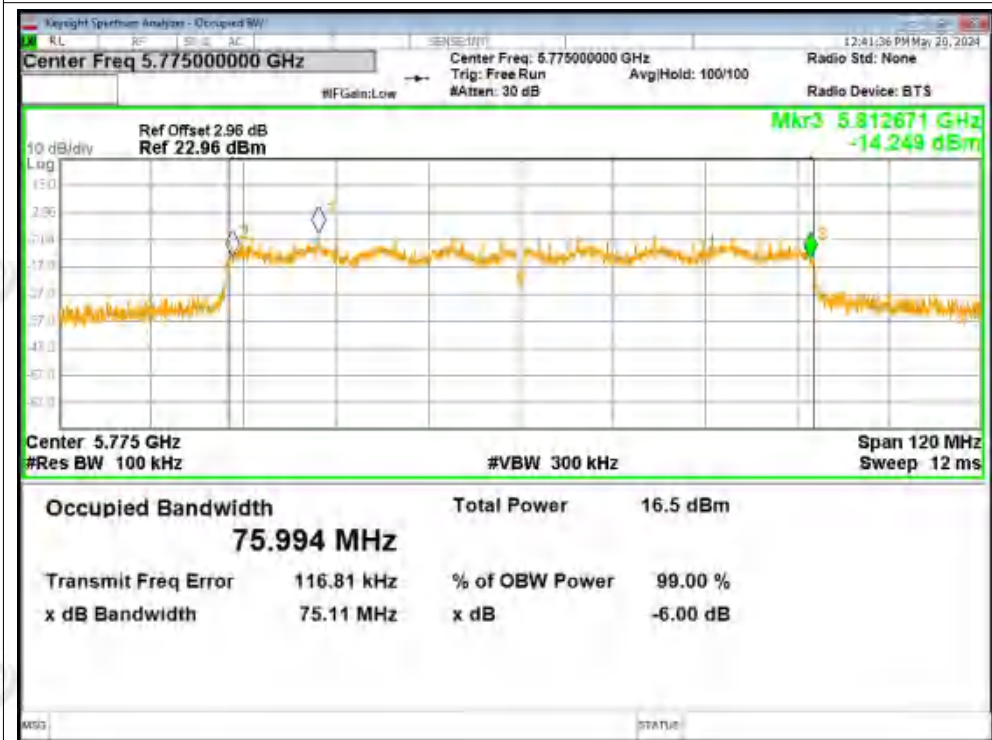


-6dB Bandwidth NVNT ac40 5795MHz Ant2

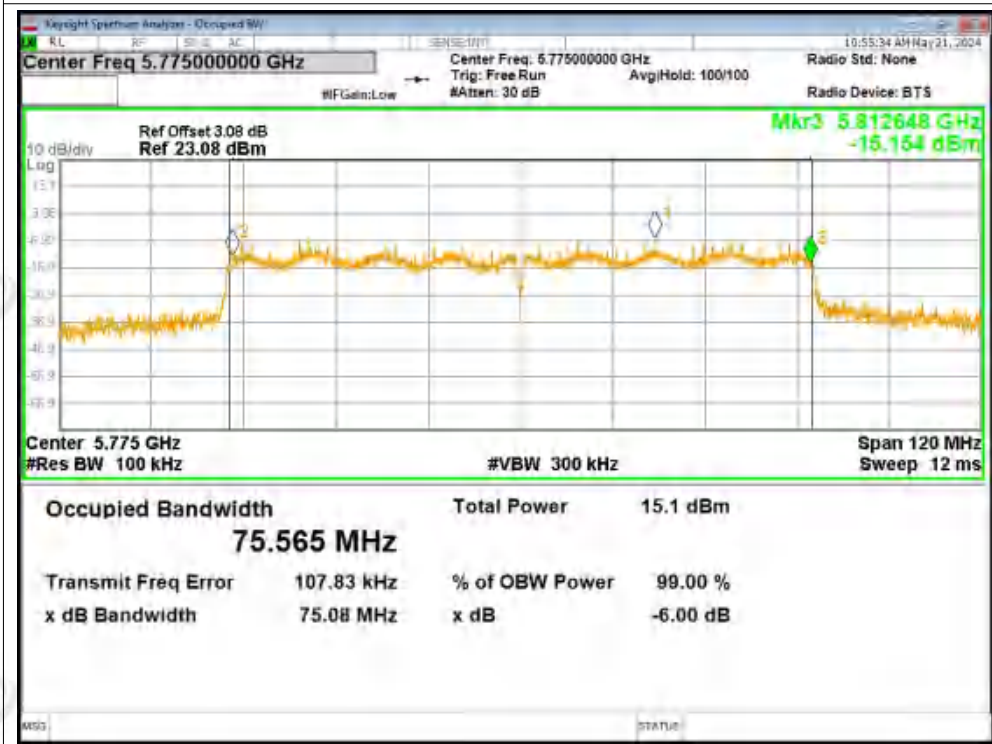




-6dB Bandwidth NVNT ac80 5775MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant2





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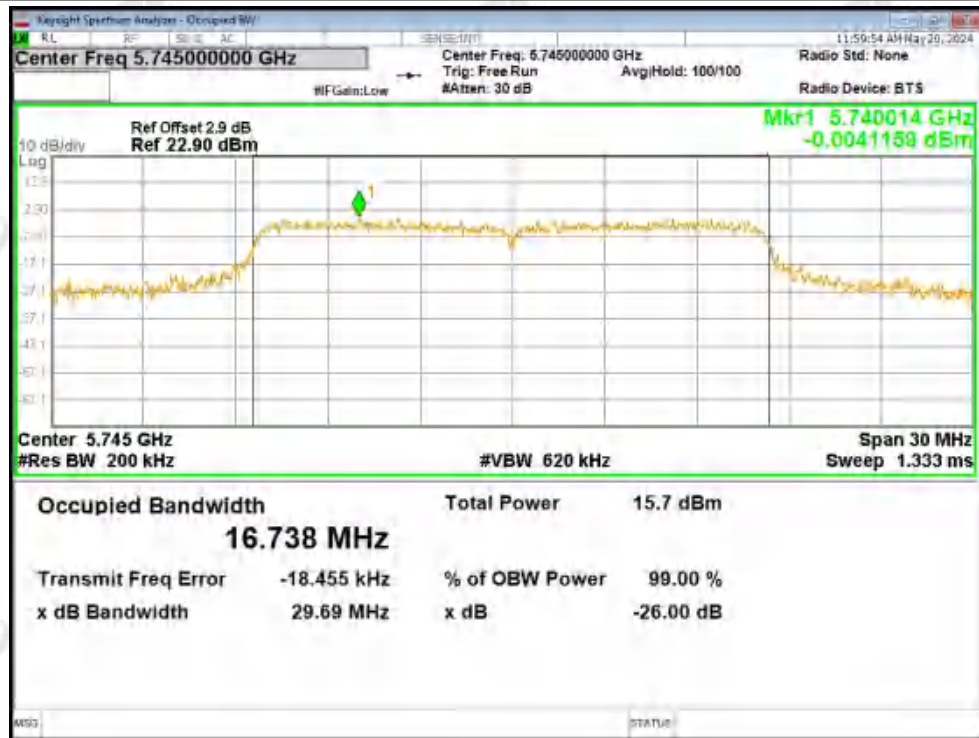
B4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.738
NVNT	a	5785	Ant1	17.551
NVNT	a	5825	Ant1	19.785
NVNT	a	5745	Ant2	16.541
NVNT	a	5785	Ant2	16.687
NVNT	a	5825	Ant2	16.814
NVNT	n20	5745	Ant1	17.787
NVNT	n20	5785	Ant1	18.165
NVNT	n20	5825	Ant1	19.805
NVNT	n20	5745	Ant2	17.654
NVNT	n20	5785	Ant2	17.729
NVNT	n20	5825	Ant2	17.891
NVNT	n40	5755	Ant1	36.478
NVNT	n40	5795	Ant1	36.775
NVNT	n40	5755	Ant2	36.334
NVNT	n40	5795	Ant2	36.413
NVNT	ac20	5745	Ant1	17.679
NVNT	ac20	5785	Ant1	17.835
NVNT	ac20	5825	Ant1	18.261
NVNT	ac20	5745	Ant2	17.632
NVNT	ac20	5785	Ant2	17.719
NVNT	ac20	5825	Ant2	17.906
NVNT	ac40	5755	Ant1	36.473
NVNT	ac40	5795	Ant1	36.719
NVNT	ac40	5755	Ant2	36.313
NVNT	ac40	5795	Ant2	36.452
NVNT	ac80	5775	Ant1	76.202
NVNT	ac80	5775	Ant2	75.849

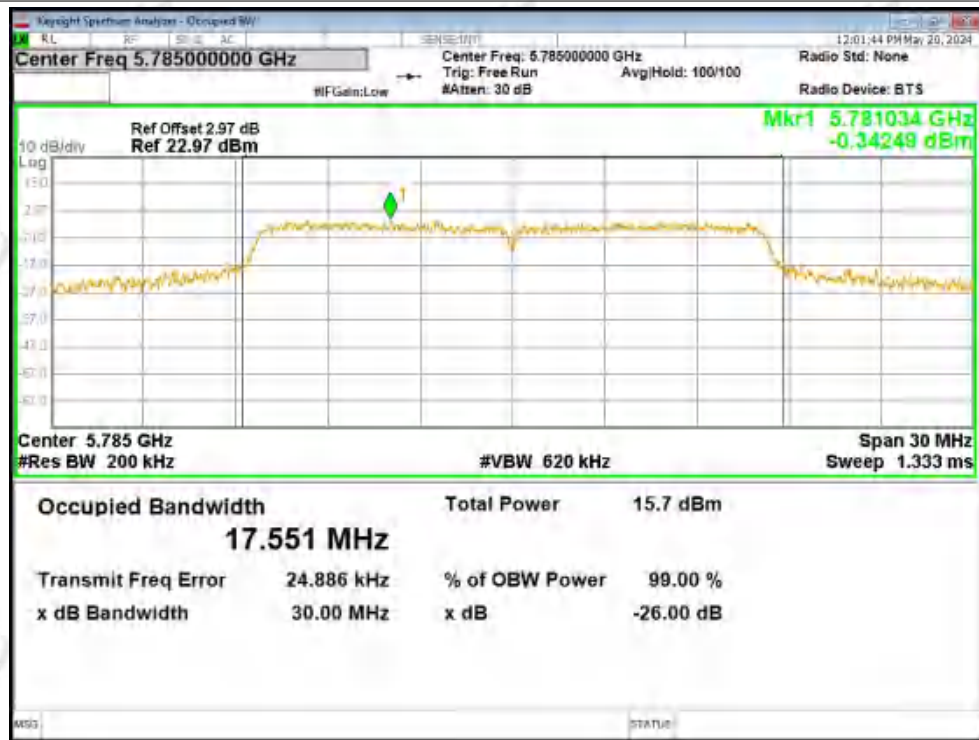


Test Graphs

OBW NVNT a 5745MHz Ant1

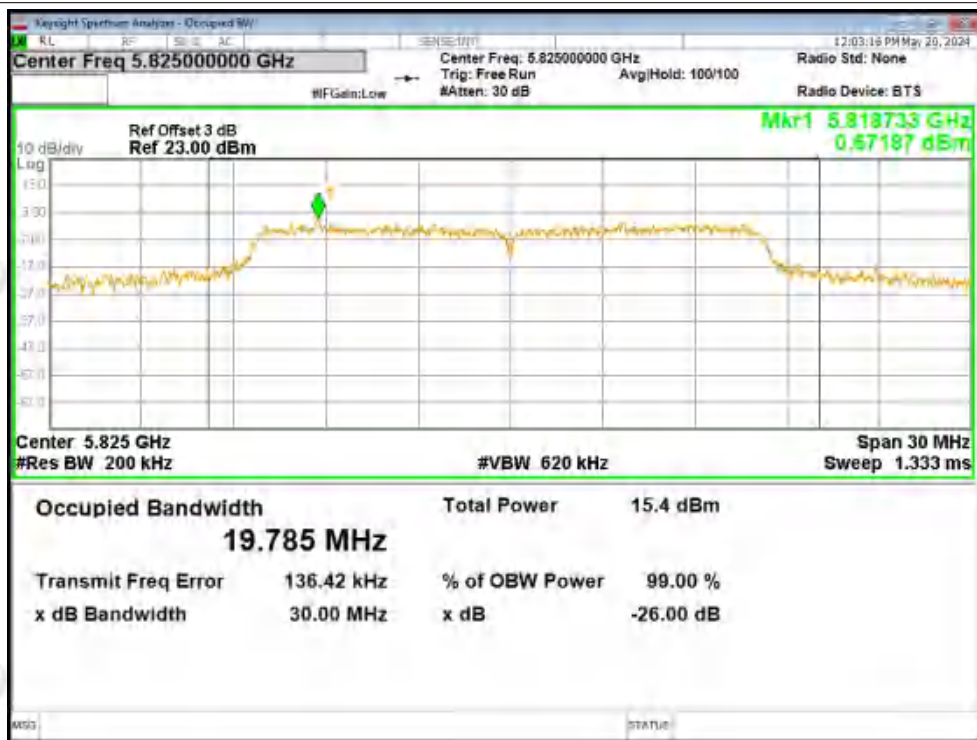


OBW NVNT a 5785MHz Ant1

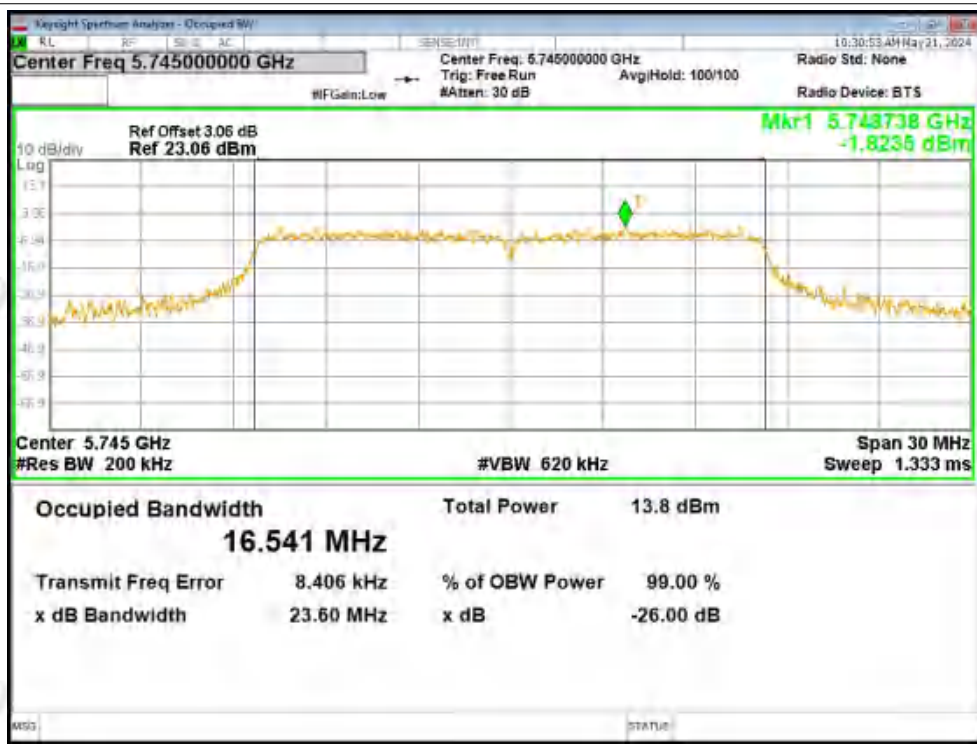




OBW NVNT a 5825MHz Ant1

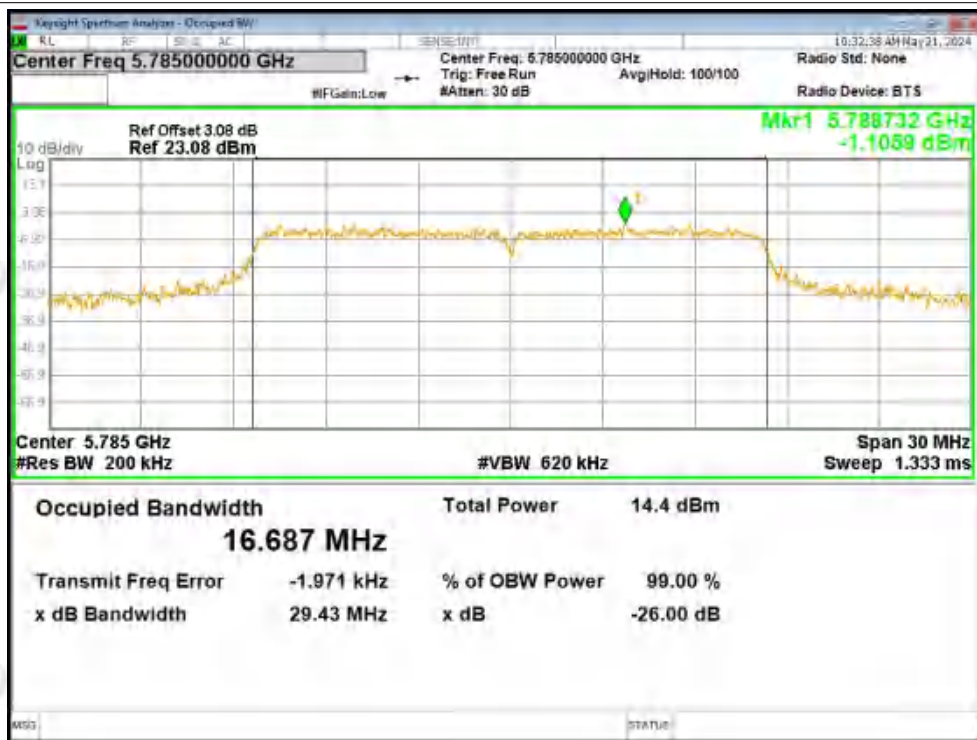


OBW NVNT a 5745MHz Ant2

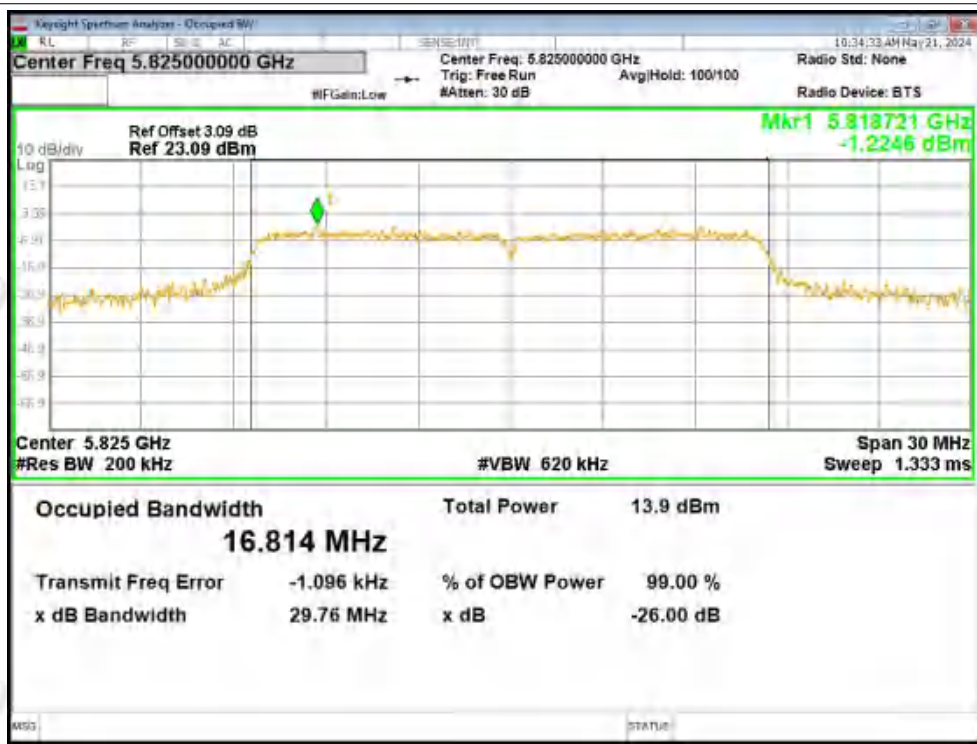




OBW NVNT a 5785MHz Ant2

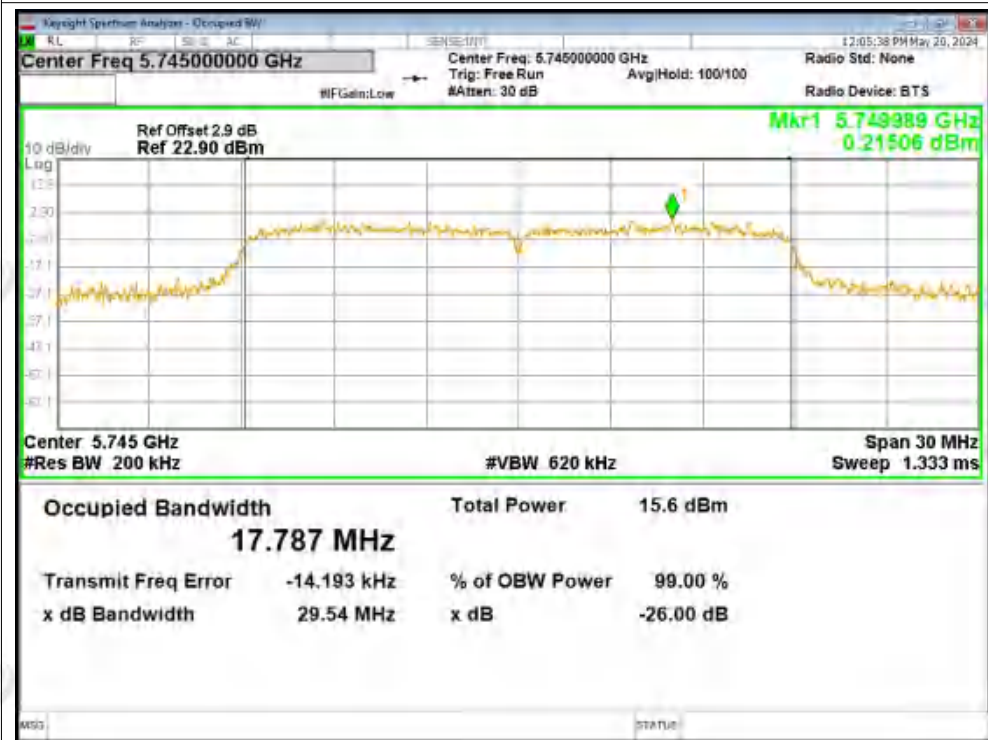


OBW NVNT a 5825MHz Ant2

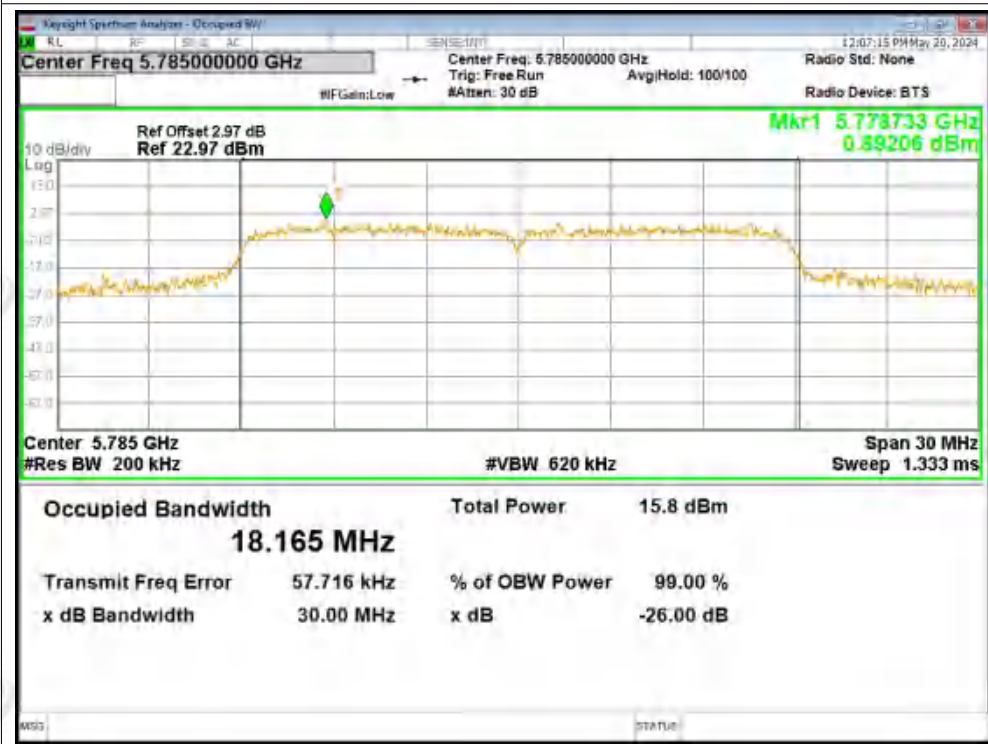




OBW NVNT n20 5745MHz Ant1

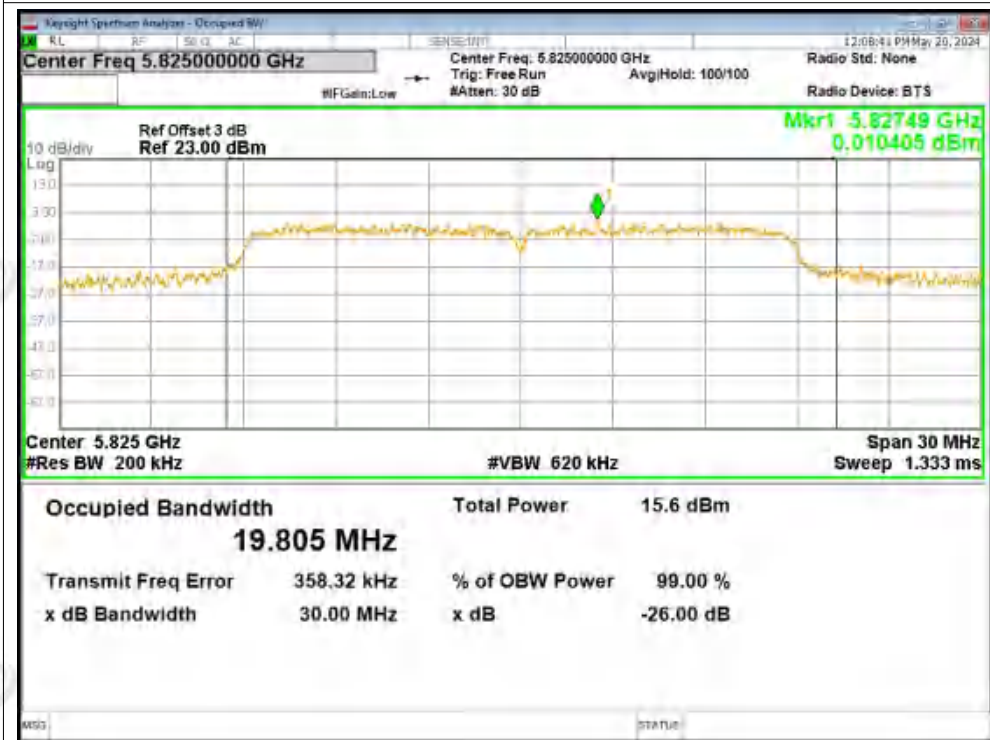


OBW NVNT n20 5785MHz Ant1

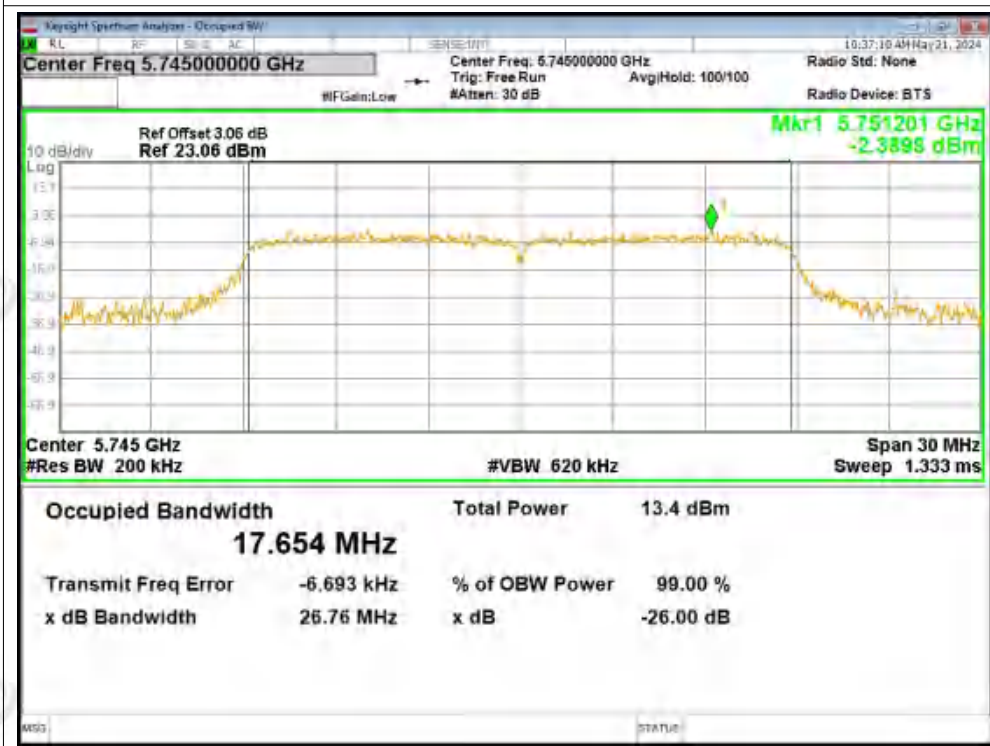




OBW NVNT n20 5825MHz Ant1

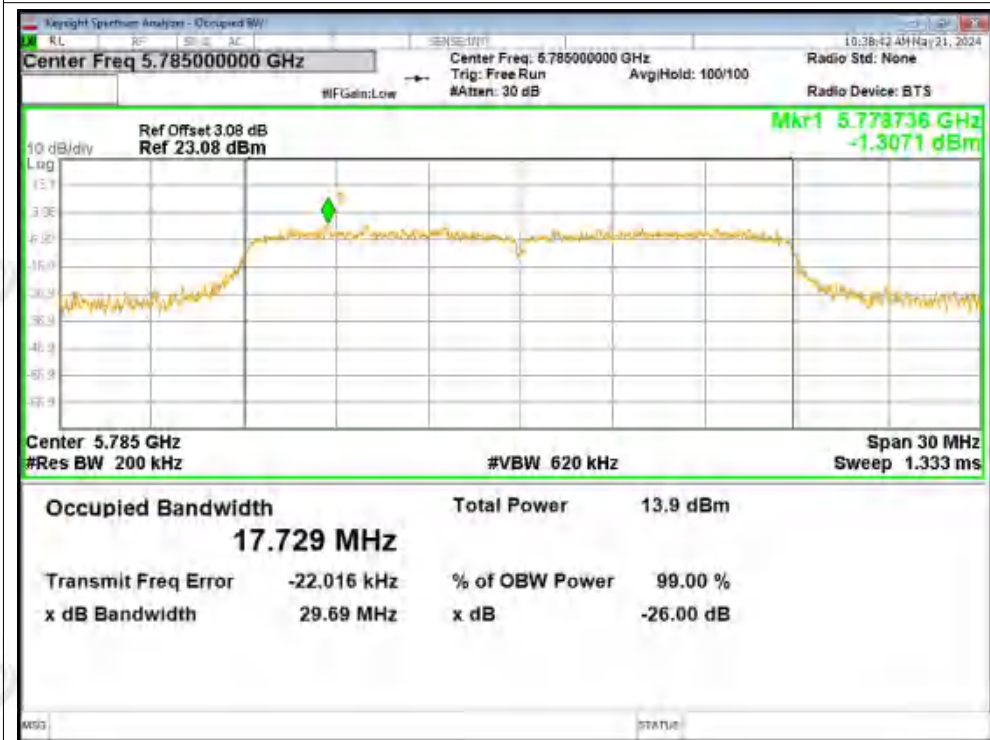


OBW NVNT n20 5745MHz Ant2

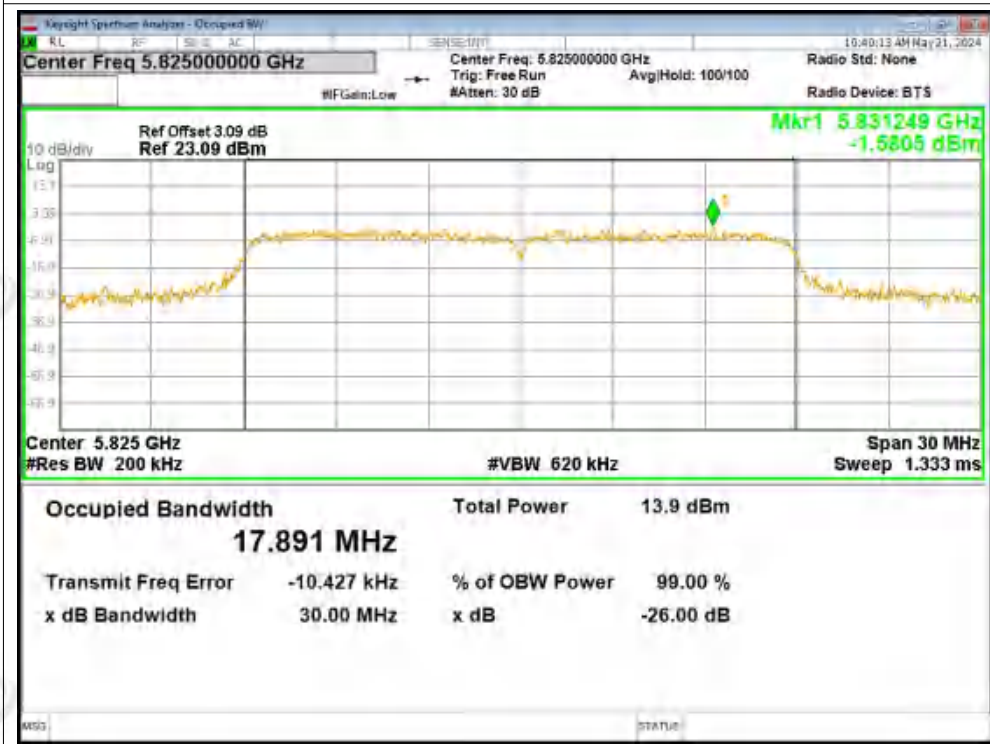




OBW NVNT n20 5785MHz Ant2

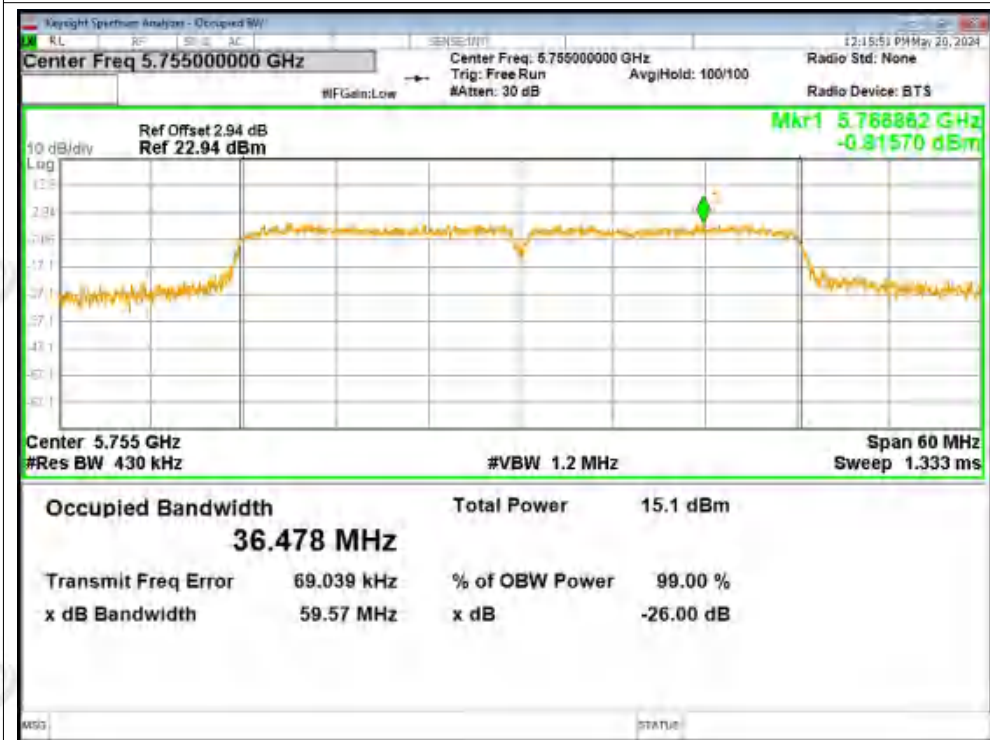


OBW NVNT n20 5825MHz Ant2

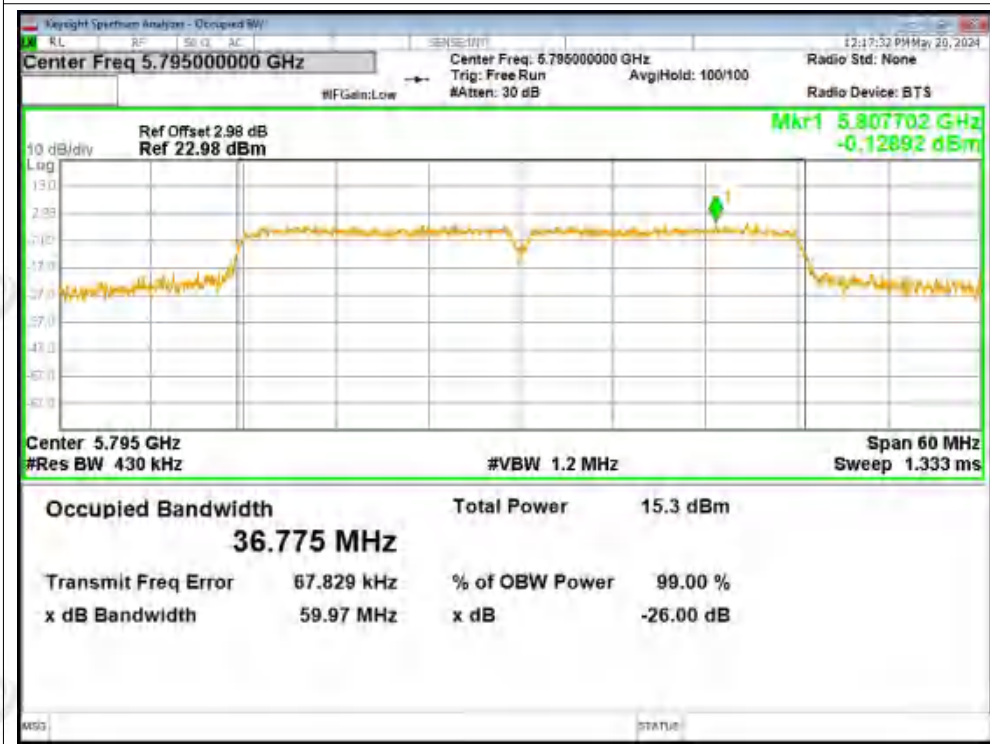




OBW NVNT n40 5755MHz Ant1

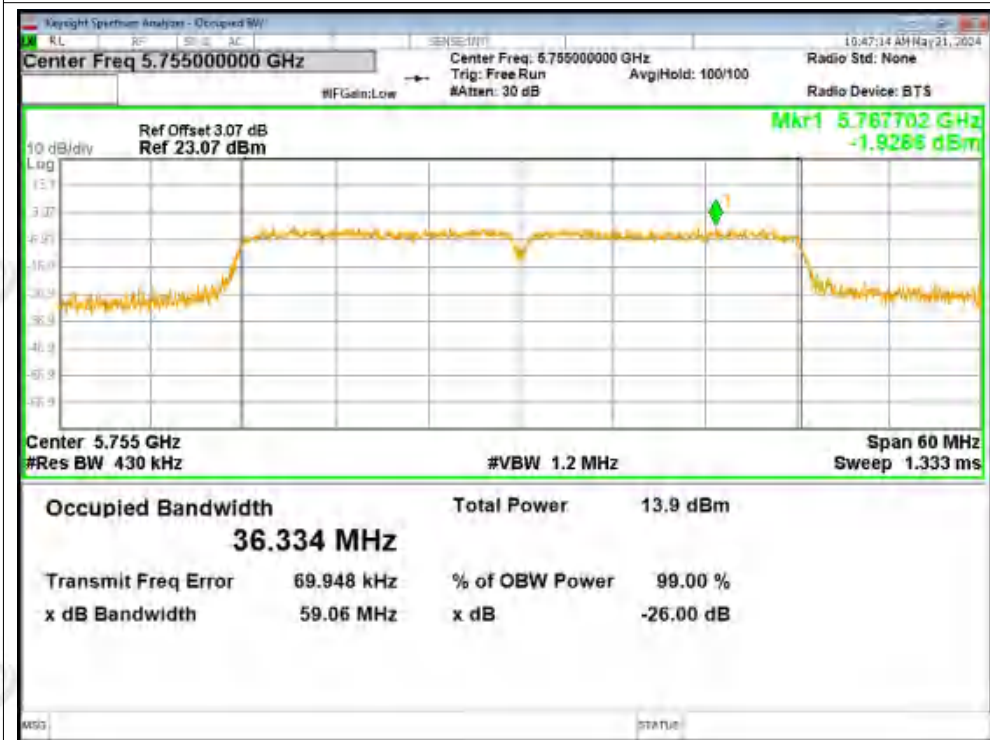


OBW NVNT n40 5795MHz Ant1

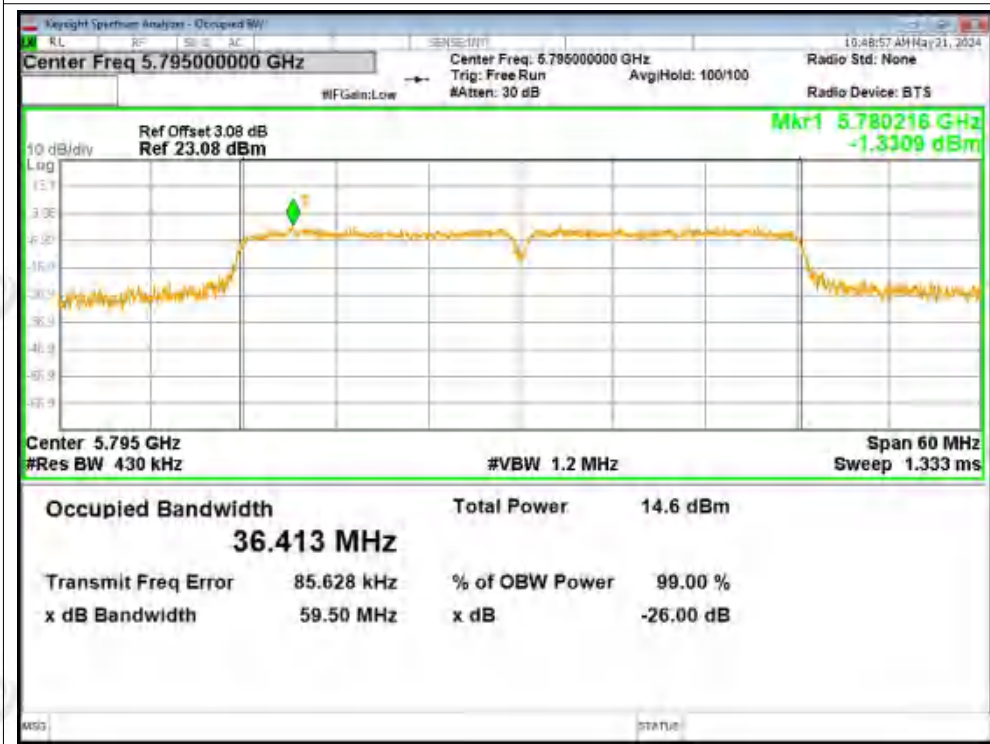




OBW NVNT n40 5755MHz Ant2

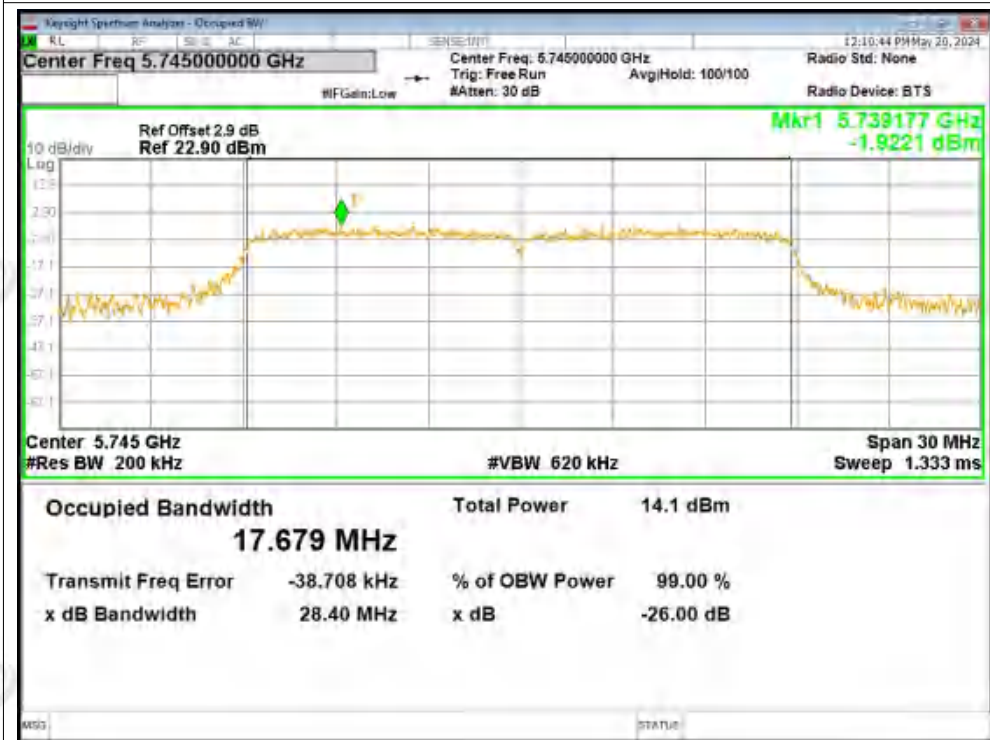


OBW NVNT n40 5795MHz Ant2

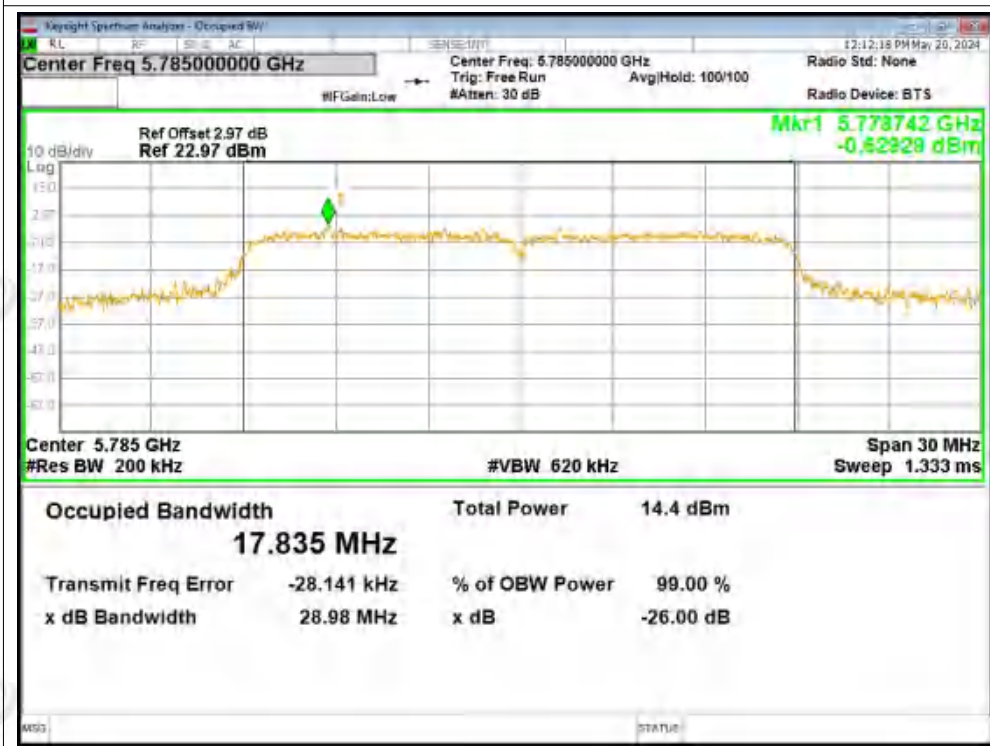




OBW NVNT ac20 5745MHz Ant1

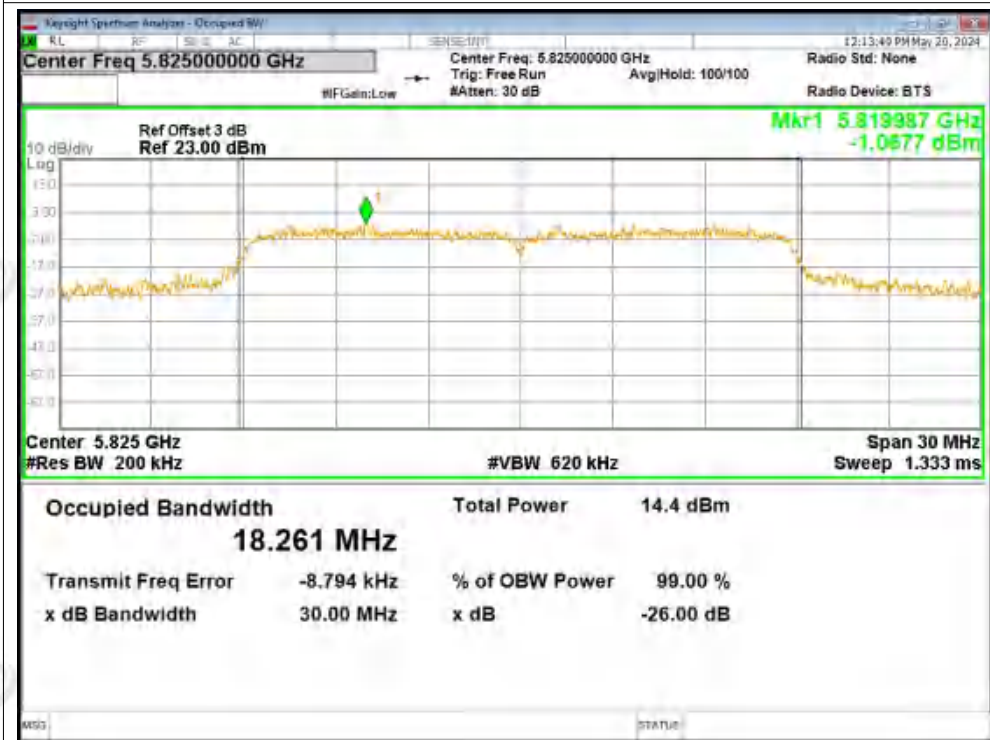


OBW NVNT ac20 5785MHz Ant1





OBW NVNT ac20 5825MHz Ant1

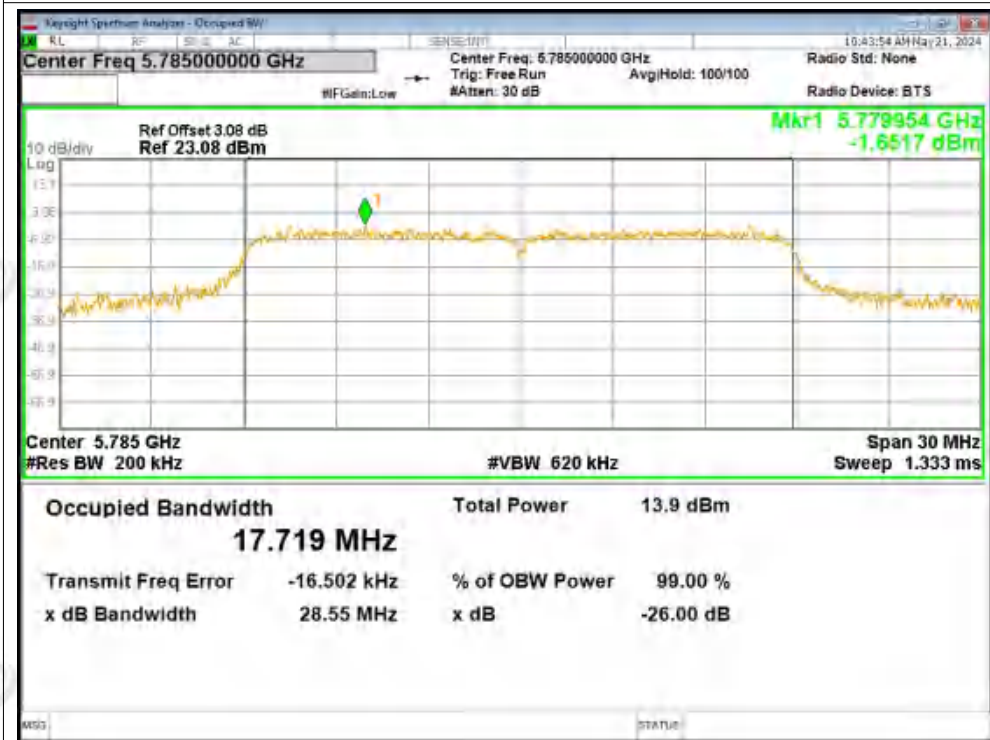


OBW NVNT ac20 5745MHz Ant2

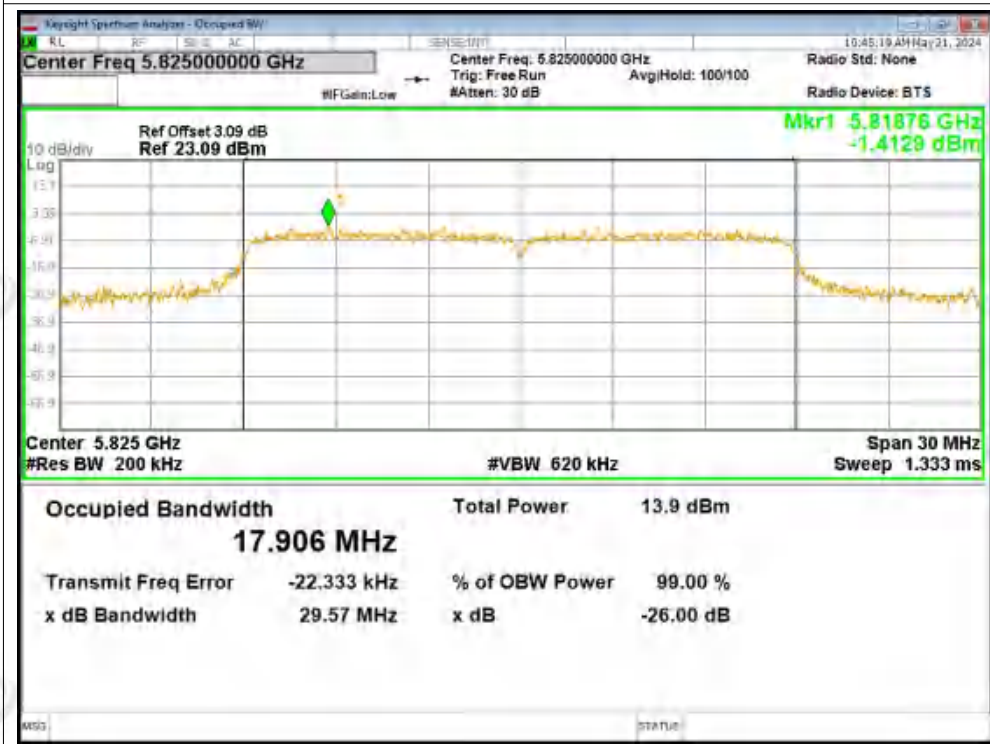




OBW NVNT ac20 5785MHz Ant2

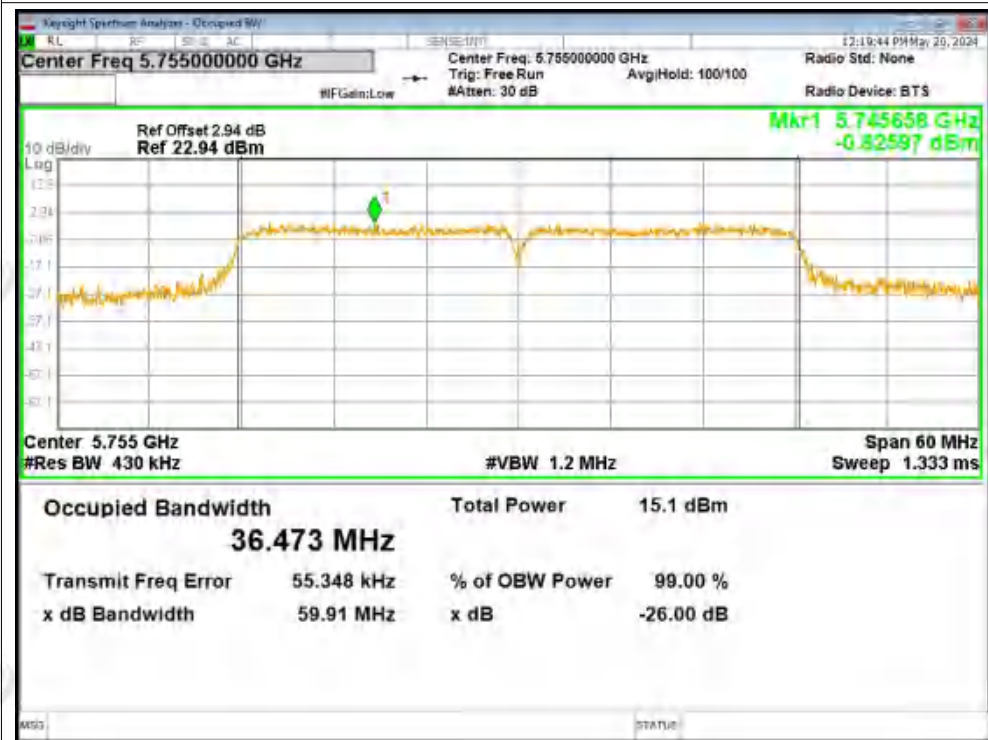


OBW NVNT ac20 5825MHz Ant2

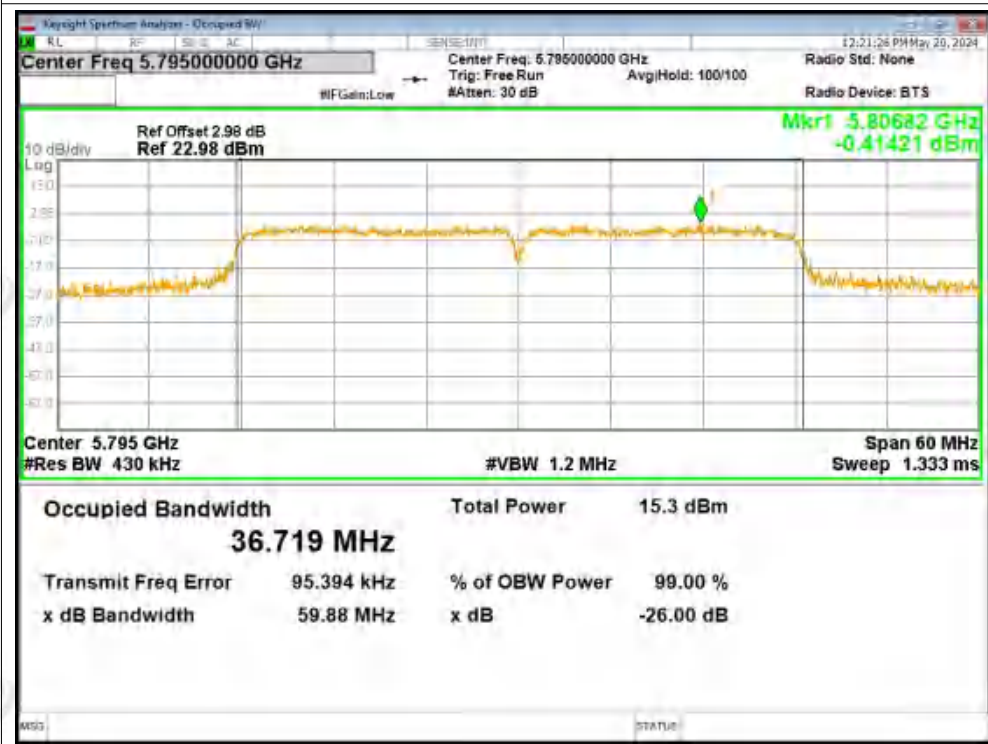




OBW NVNT ac40 5755MHz Ant1

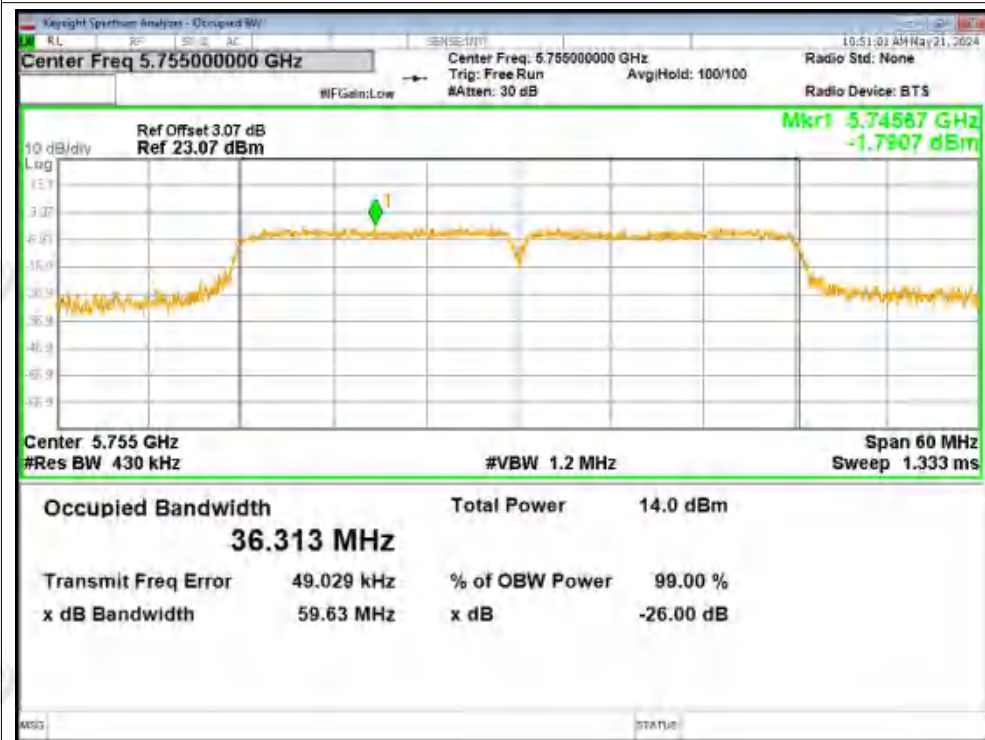


OBW NVNT ac40 5795MHz Ant1

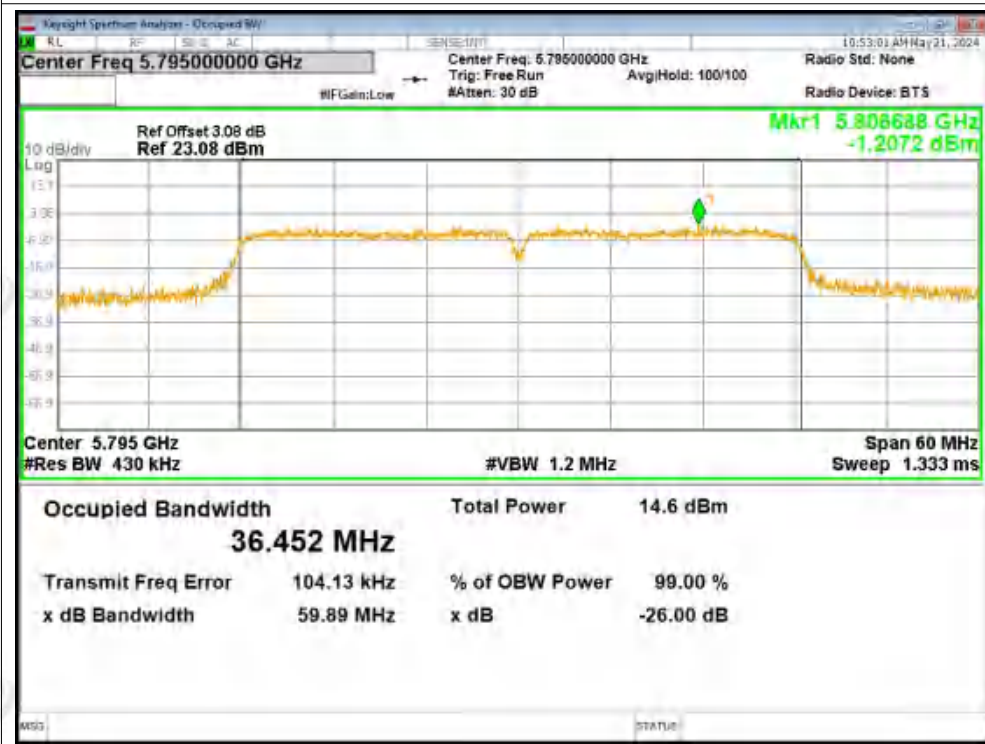




OBW NVNT ac40 5755MHz Ant2

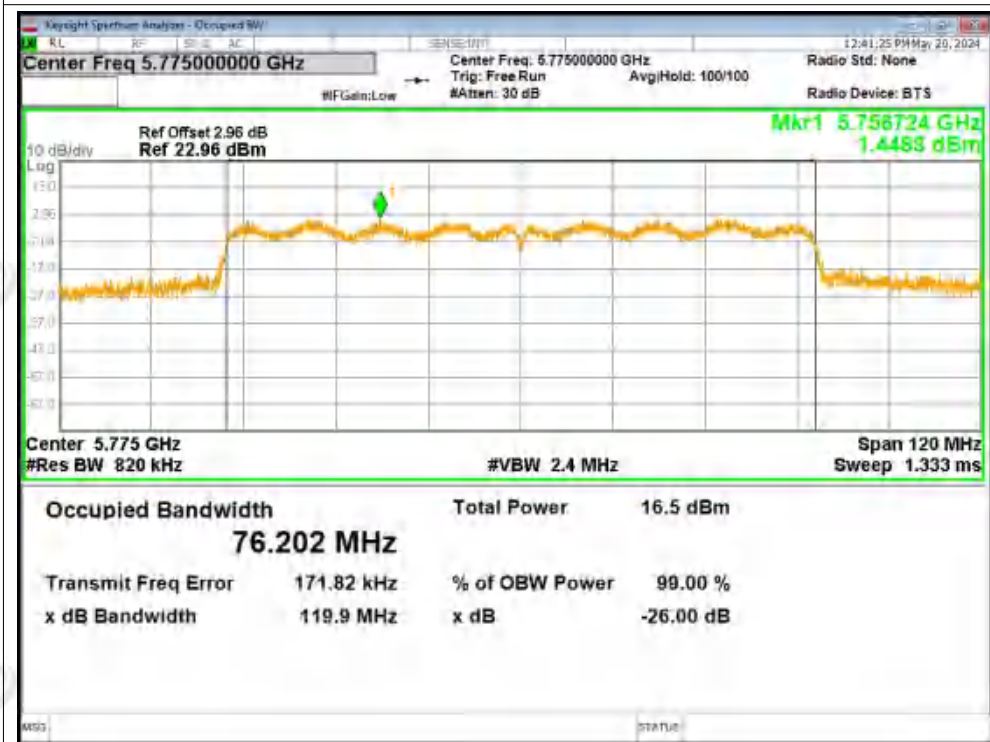


OBW NVNT ac40 5795MHz Ant2

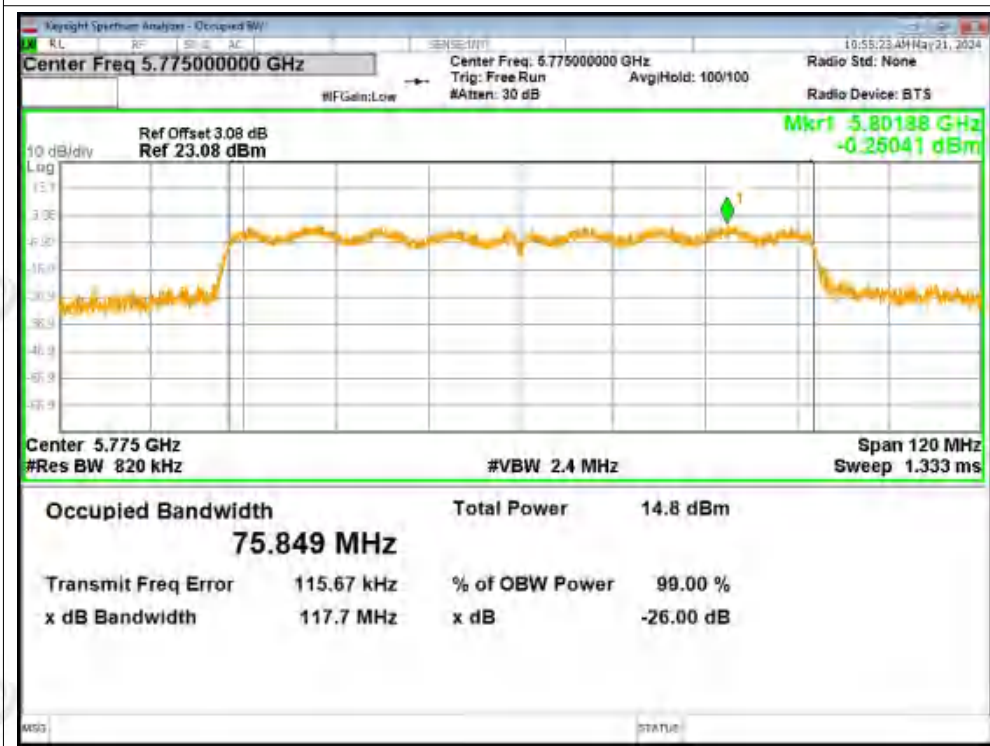




OBW NVNT ac80 5775MHz Ant1



OBW NVNT ac80 5775MHz Ant2





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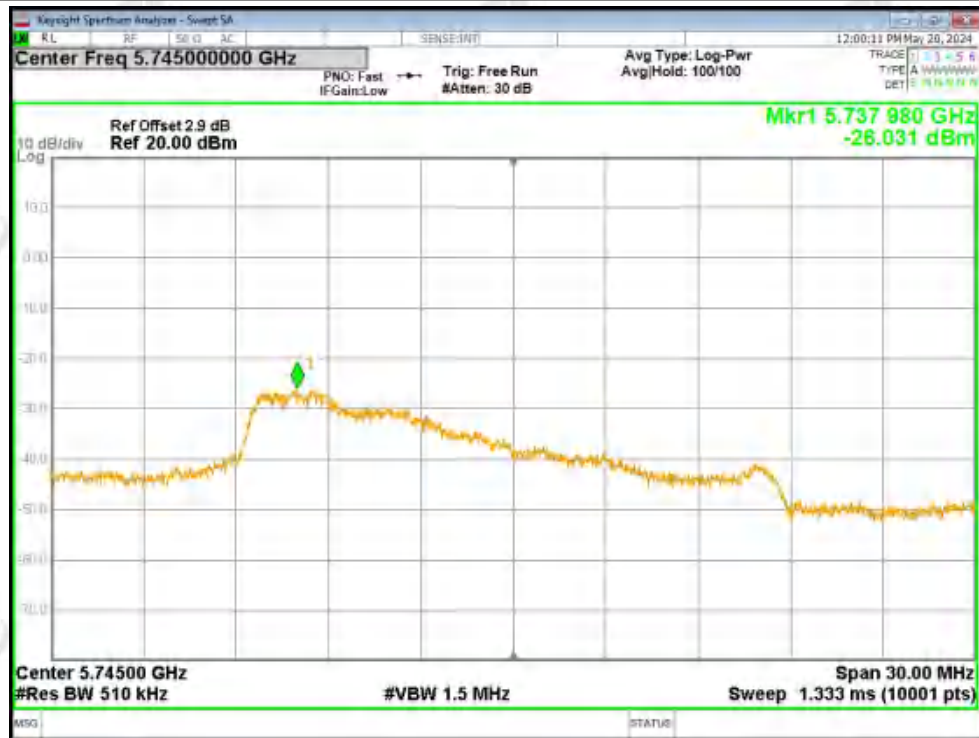
B5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-26.03	2.41	-23.62	30	Pass
NVNT	a	5785	Ant1	-25.72	2.39	-23.33	30	Pass
NVNT	a	5825	Ant1	-28.63	2.39	-26.24	30	Pass
NVNT	a	5745	Ant2	-23.13	2.39	-20.74	30	Pass
NVNT	a	5785	Ant2	-25.64	2.39	-23.25	30	Pass
NVNT	a	5825	Ant2	-21.52	2.39	-19.13	30	Pass
NVNT	n20	5745	Ant1	-28.61	2.54	-26.07	30	Pass
NVNT	n20	5785	Ant1	-28.08	2.51	-25.57	30	Pass
NVNT	n20	5825	Ant1	-27.71	2.51	-25.2	30	Pass
NVNT	n20	5745	Ant2	-30.1	2.54	-27.56	30	Pass
NVNT	n20	5785	Ant2	-27.35	2.51	-24.84	30	Pass
NVNT	n20	5825	Ant2	-27.8	2.52	-25.28	30	Pass
NVNT	n40	5755	Ant1	-32.37	4.09	-28.28	30	Pass
NVNT	n40	5795	Ant1	-36.66	4.09	-32.57	30	Pass
NVNT	n40	5755	Ant2	-32.94	4.09	-28.85	30	Pass
NVNT	n40	5795	Ant2	-32.45	4.09	-28.36	30	Pass
NVNT	ac20	5745	Ant1	-28.19	2.51	-25.68	30	Pass
NVNT	ac20	5785	Ant1	-28.4	2.51	-25.89	30	Pass
NVNT	ac20	5825	Ant1	-28.68	2.54	-26.14	30	Pass
NVNT	ac20	5745	Ant2	-29.96	2.51	-27.45	30	Pass
NVNT	ac20	5785	Ant2	-28.31	2.54	-25.77	30	Pass
NVNT	ac20	5825	Ant2	-28.62	2.51	-26.11	30	Pass
NVNT	ac40	5755	Ant1	-39.25	4.09	-35.16	30	Pass
NVNT	ac40	5795	Ant1	-37.76	4.16	-33.6	30	Pass
NVNT	ac40	5755	Ant2	-35.08	4.09	-30.99	30	Pass
NVNT	ac40	5795	Ant2	-39.27	4.09	-35.18	30	Pass
NVNT	ac80	5775	Ant1	-46.32	6.15	-40.17	30	Pass
NVNT	ac80	5775	Ant2	-46.76	6.15	-40.61	30	Pass

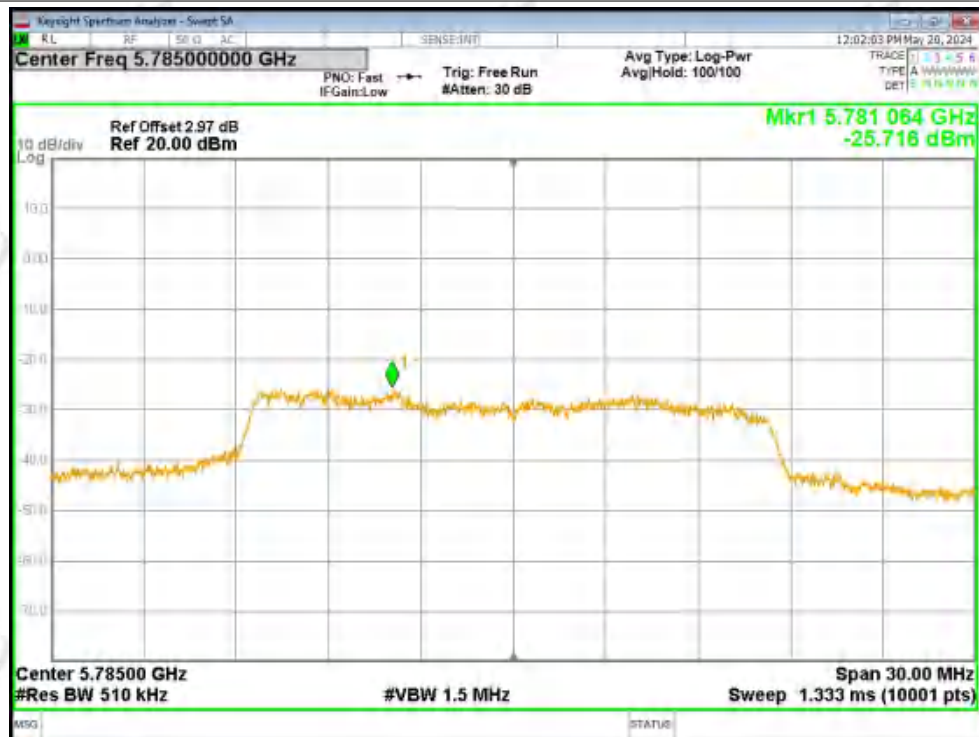


Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1





PSD NVNT a 5825MHz Ant1

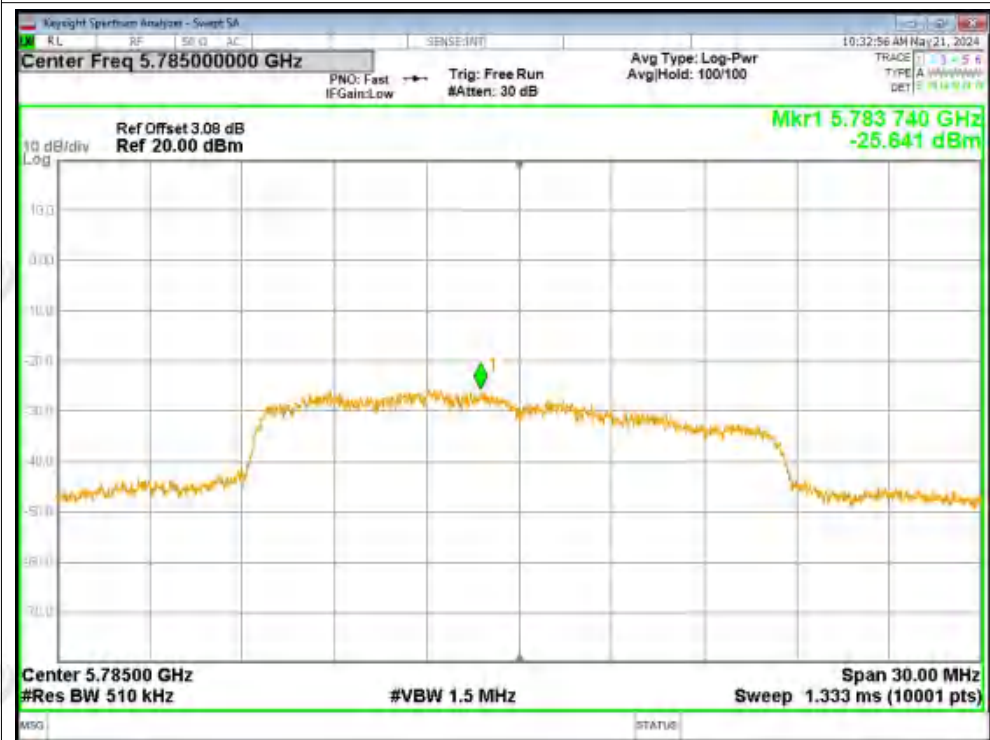


PSD NVNT a 5745MHz Ant2





PSD NVNT a 5785MHz Ant2



PSD NVNT a 5825MHz Ant2

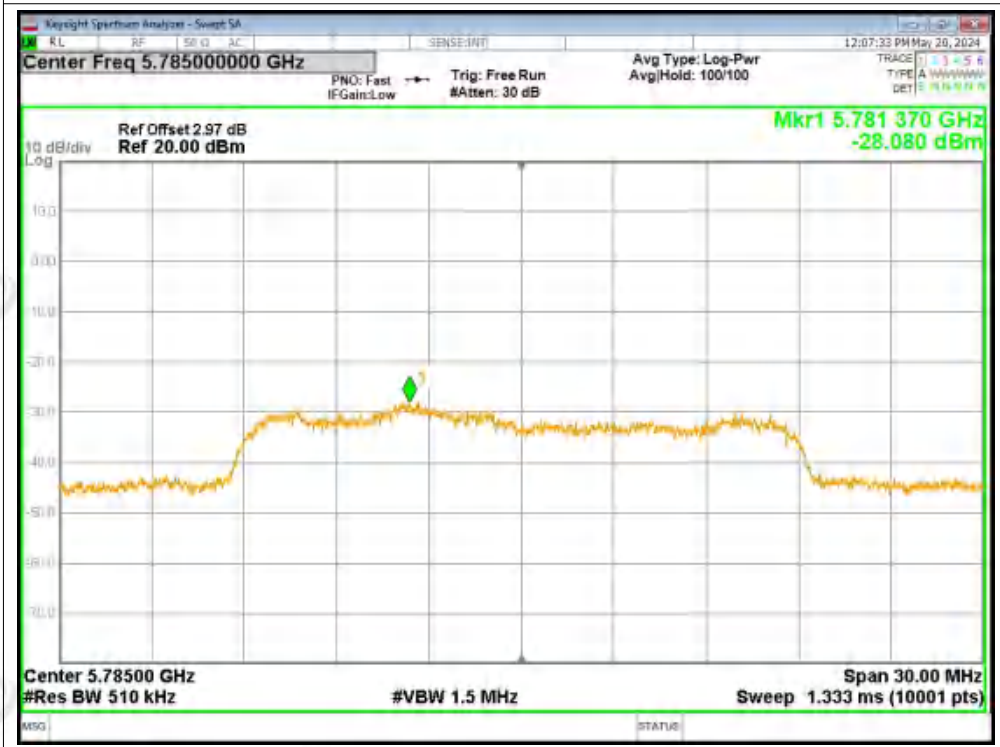




PSD NVNT n20 5745MHz Ant1

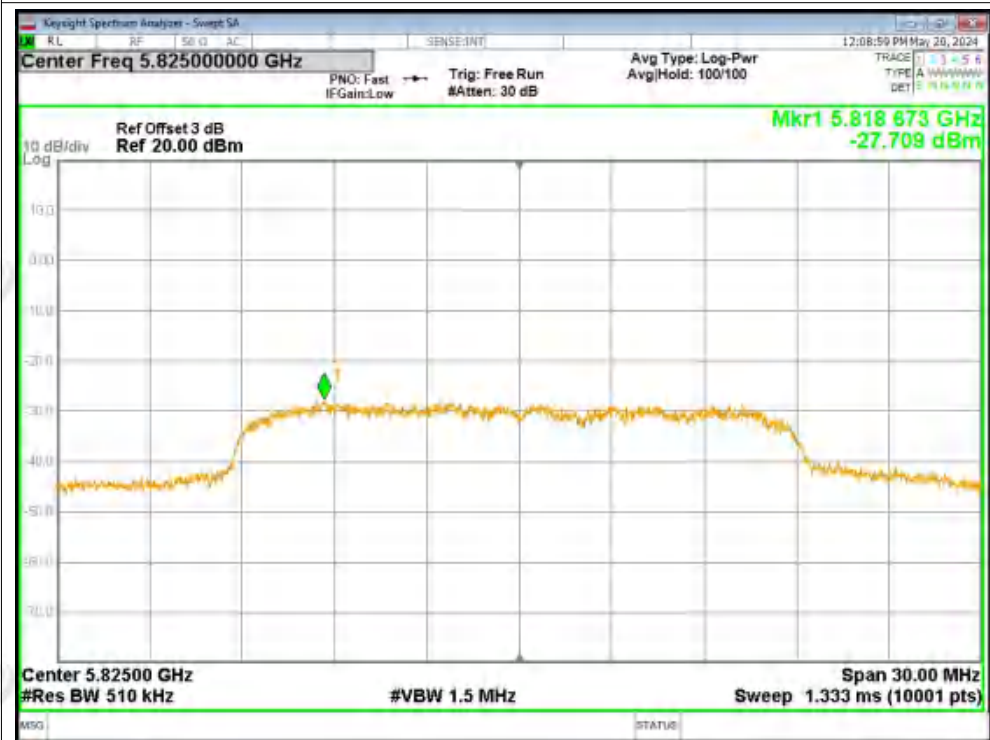


PSD NVNT n20 5785MHz Ant1





PSD NVNT n20 5825MHz Ant1



PSD NVNT n20 5745MHz Ant2





PSD NVNT n20 5785MHz Ant2



PSD NVNT n20 5825MHz Ant2





PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1





PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2

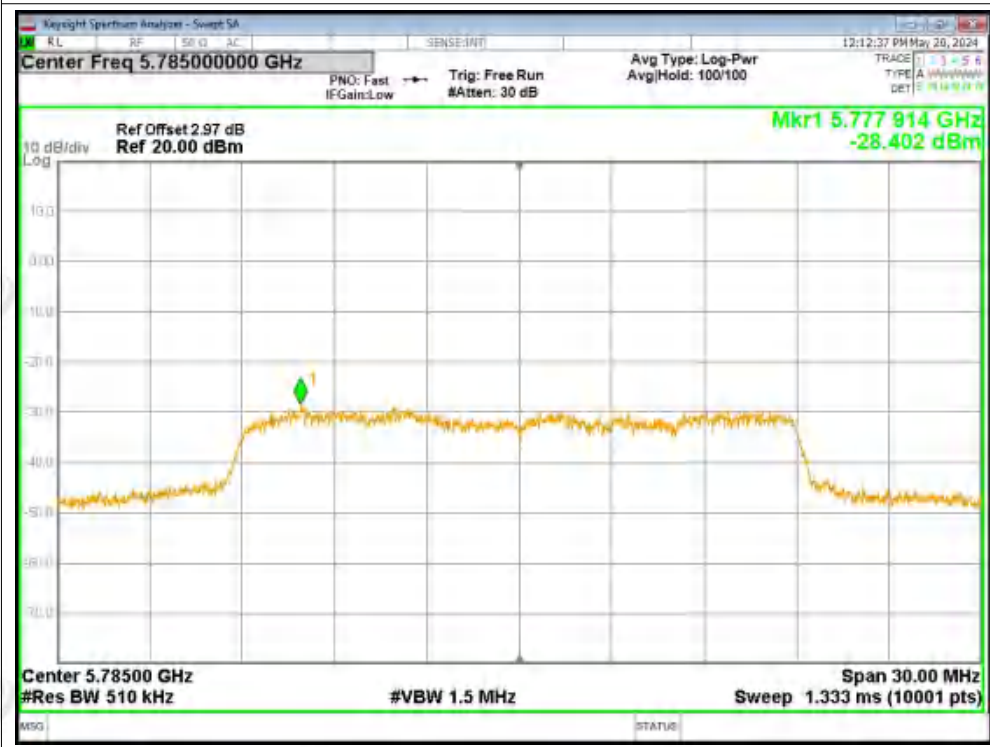




PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1





PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac20 5745MHz Ant2





PSD NVNT ac20 5785MHz Ant2



PSD NVNT ac20 5825MHz Ant2





PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1





PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant2





PSD NVNT ac80 5775MHz Ant1



PSD NVNT ac80 5775MHz Ant2





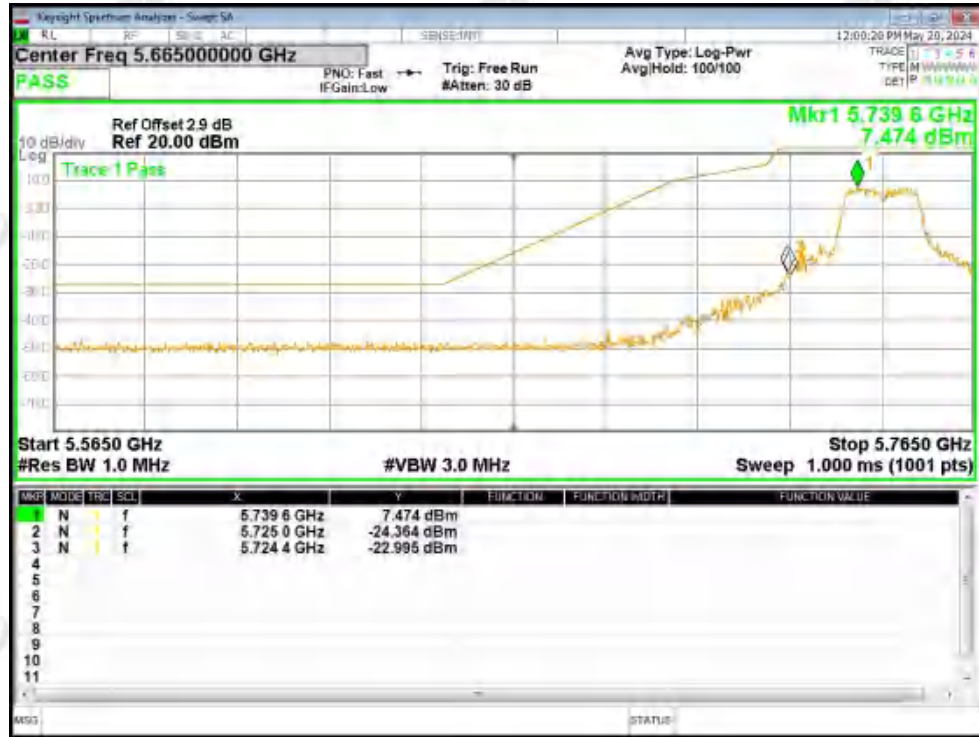
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B6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-22.99		Pass
NVNT	a	5825	Ant1	-22.63		Pass
NVNT	a	5745	Ant2	-25.95		Pass
NVNT	a	5825	Ant2	-30.77		Pass
NVNT	n20	5745	Ant1	-19.55		Pass
NVNT	n20	5825	Ant1	-20.68		Pass
NVNT	n20	5745	Ant2	-24.72		Pass
NVNT	n20	5825	Ant2	-31.39		Pass
NVNT	n40	5755	Ant1	-18.17		Pass
NVNT	n40	5795	Ant1	-28.57		Pass
NVNT	n40	5755	Ant2	-21.03		Pass
NVNT	n40	5795	Ant2	-31.76		Pass
NVNT	ac20	5745	Ant1	-21.02		Pass
NVNT	ac20	5825	Ant1	-28.62		Pass
NVNT	ac20	5745	Ant2	-25.78		Pass
NVNT	ac20	5825	Ant2	-28.12		Pass
NVNT	ac40	5755	Ant1	-18.71		Pass
NVNT	ac40	5795	Ant1	-28.5		Pass
NVNT	ac40	5755	Ant2	-21.54		Pass
NVNT	ac40	5795	Ant2	-31.82		Pass
NVNT	ac80	5775	Ant1	-19.27		Pass
NVNT	ac80	5775	Ant2	-21.53		Pass

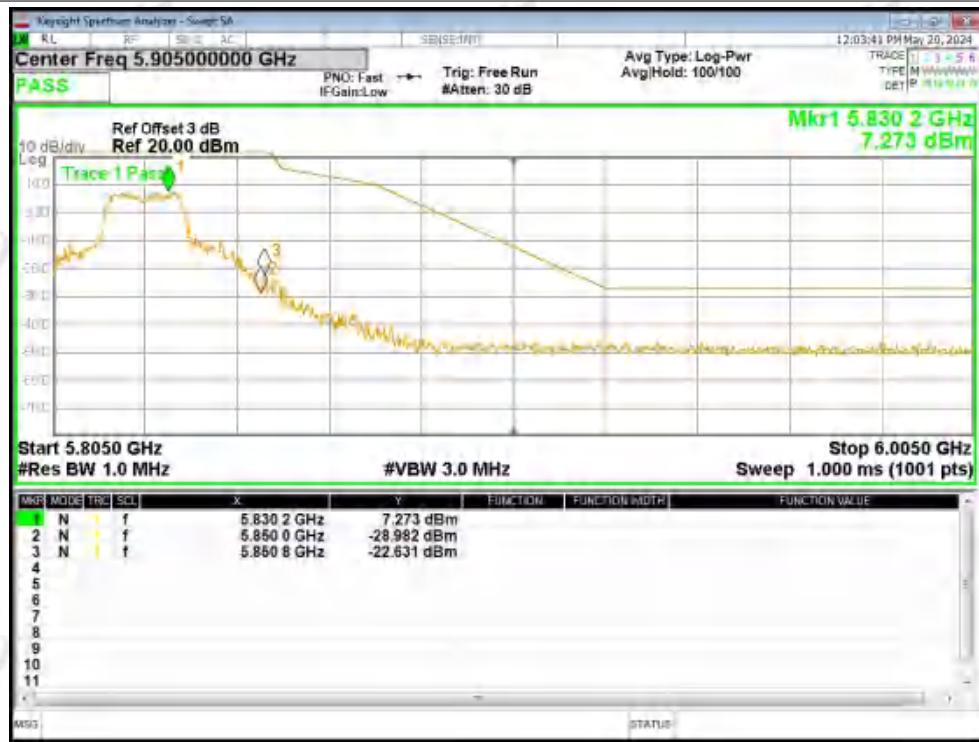


Test Graphs

Band Edge NVNT a 5745MHz Low Ant1

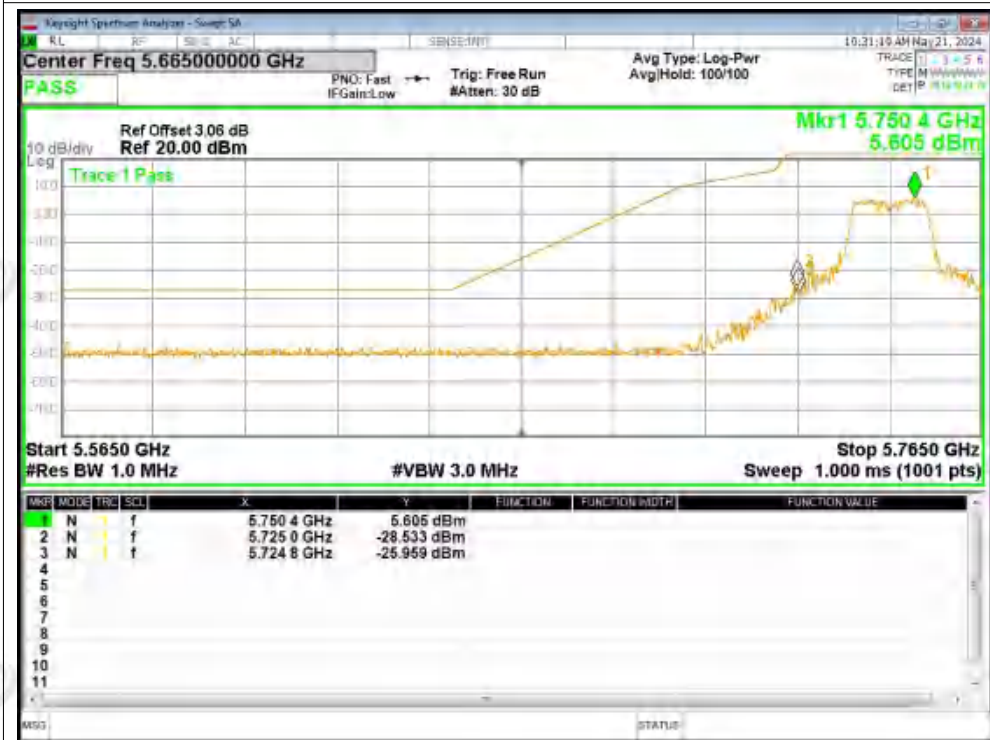


Band Edge NVNT a 5825MHz High Ant1

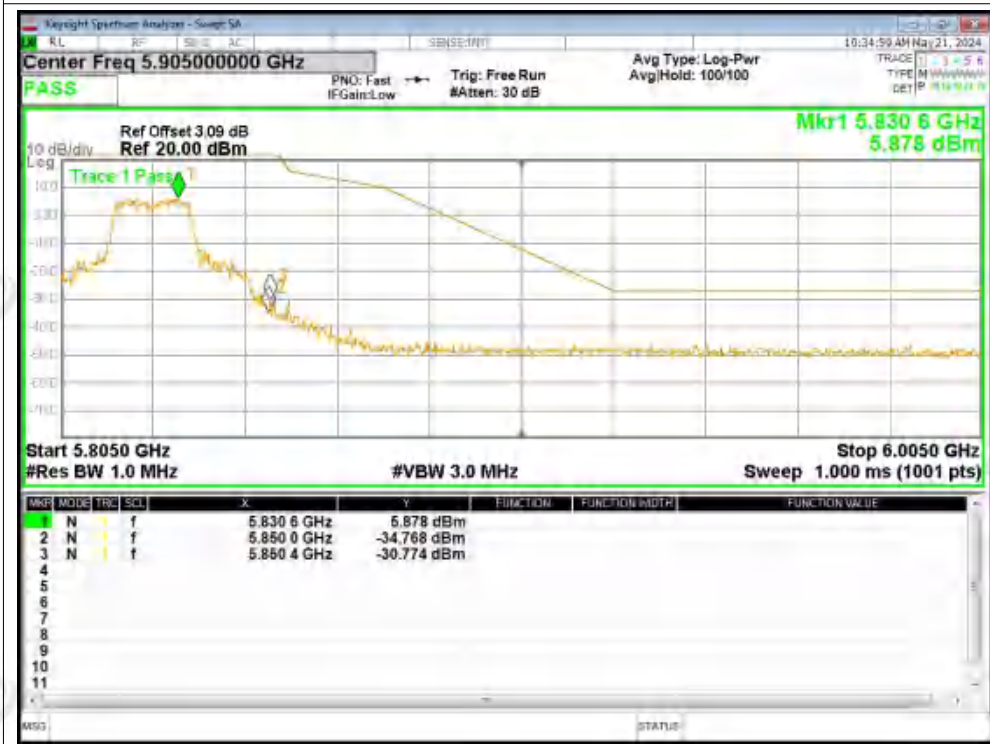




Band Edge NVNT a 5745MHz Low Ant2

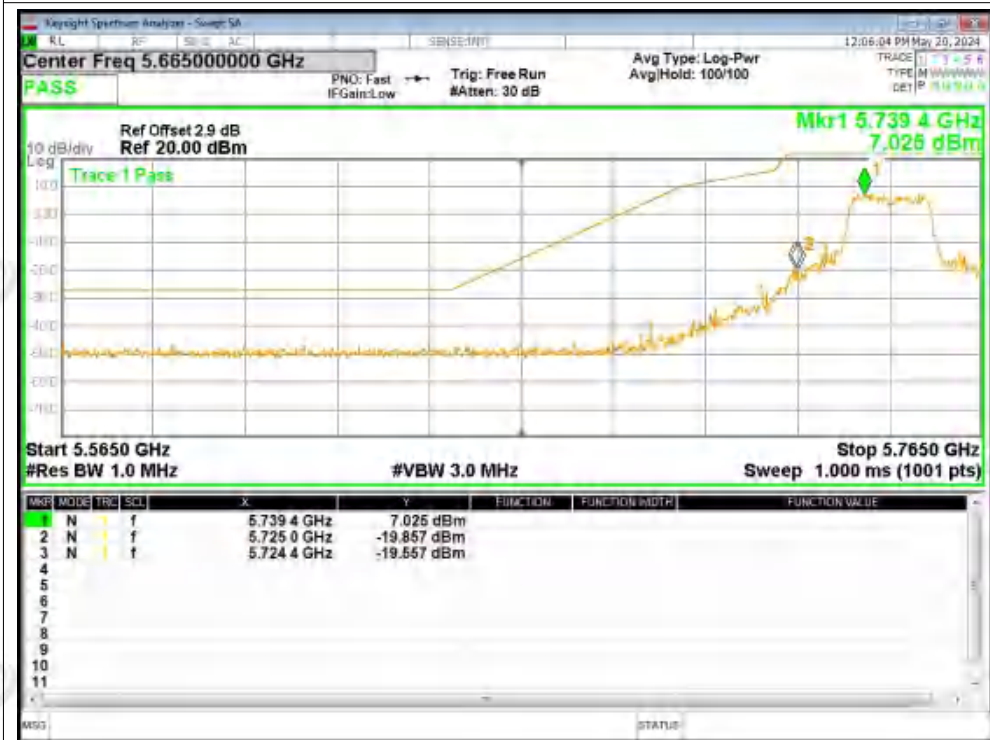


Band Edge NVNT a 5825MHz High Ant2





Band Edge NVNT n20 5745MHz Low Ant1

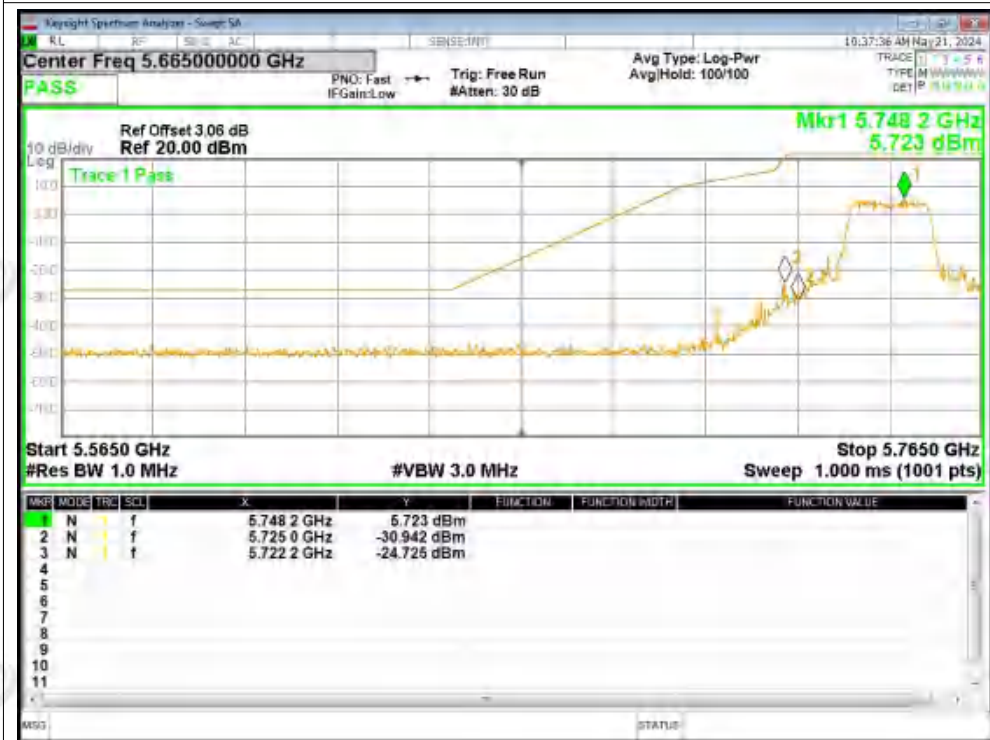


Band Edge NVNT n20 5825MHz High Ant1

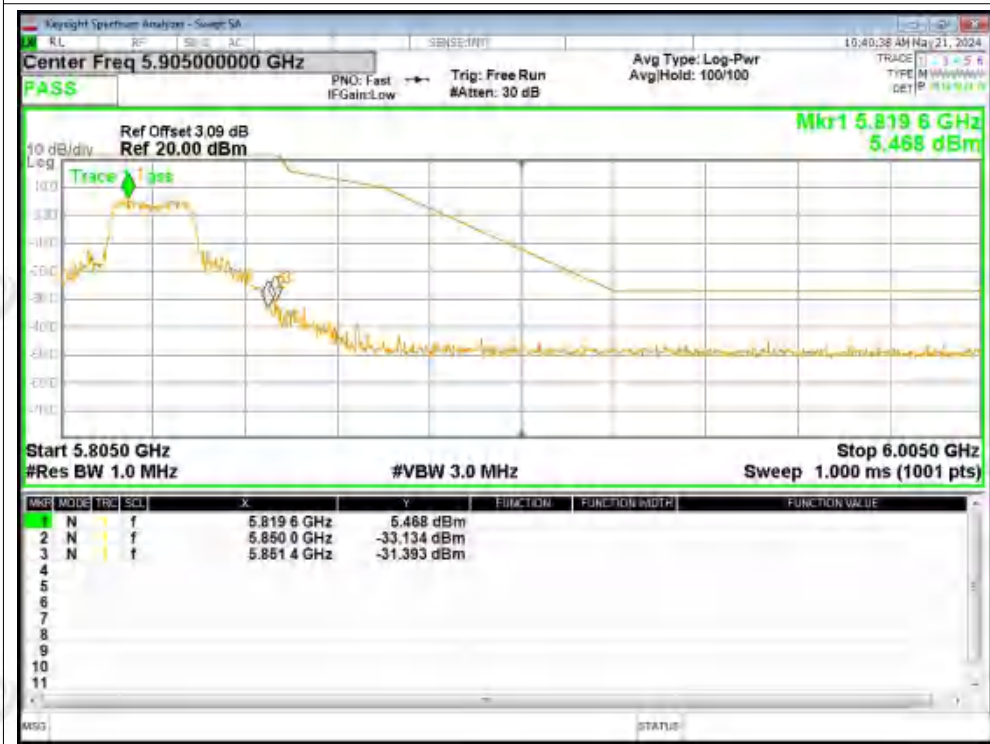




Band Edge NVNT n20 5745MHz Low Ant2

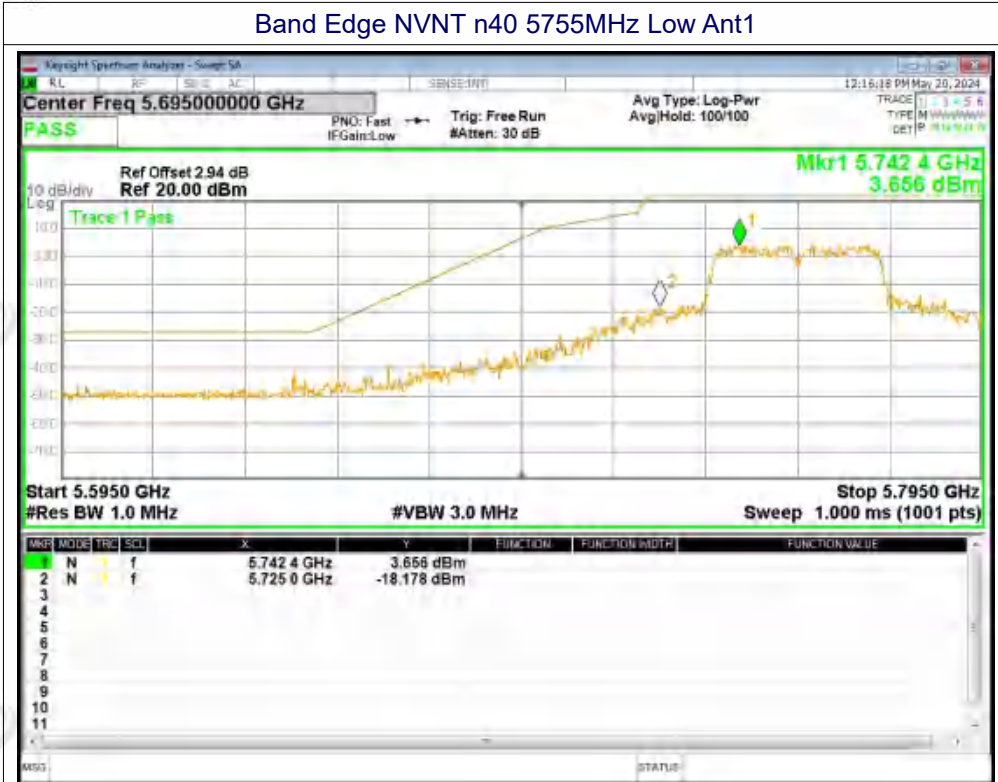


Band Edge NVNT n20 5825MHz High Ant2

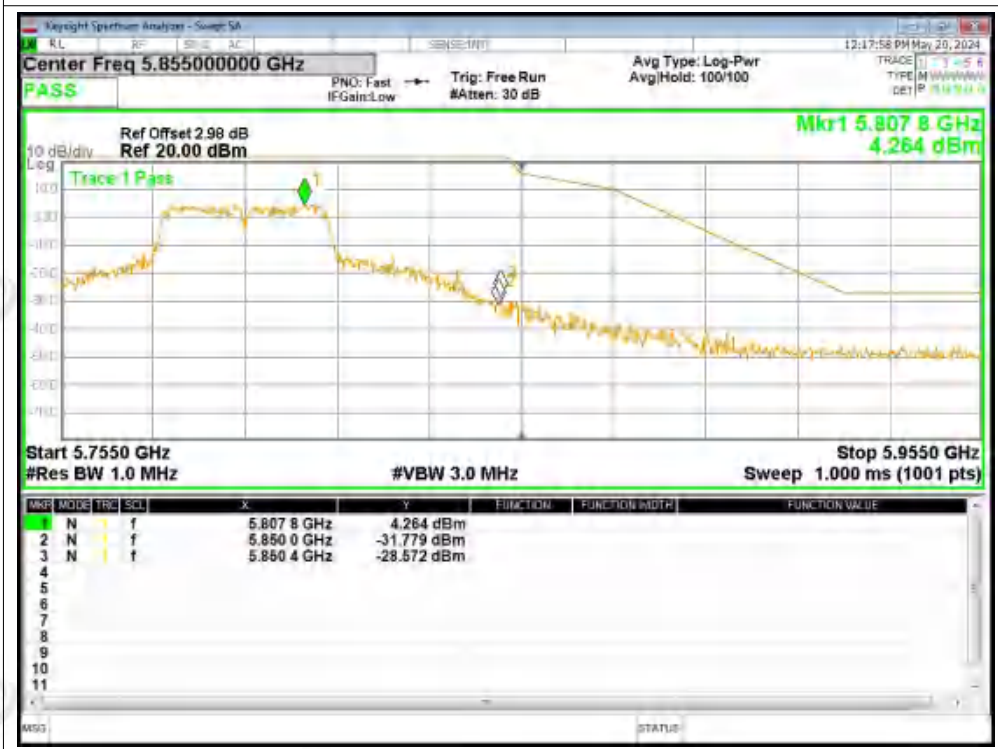




Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1





Band Edge NVNT n40 5755MHz Low Ant2

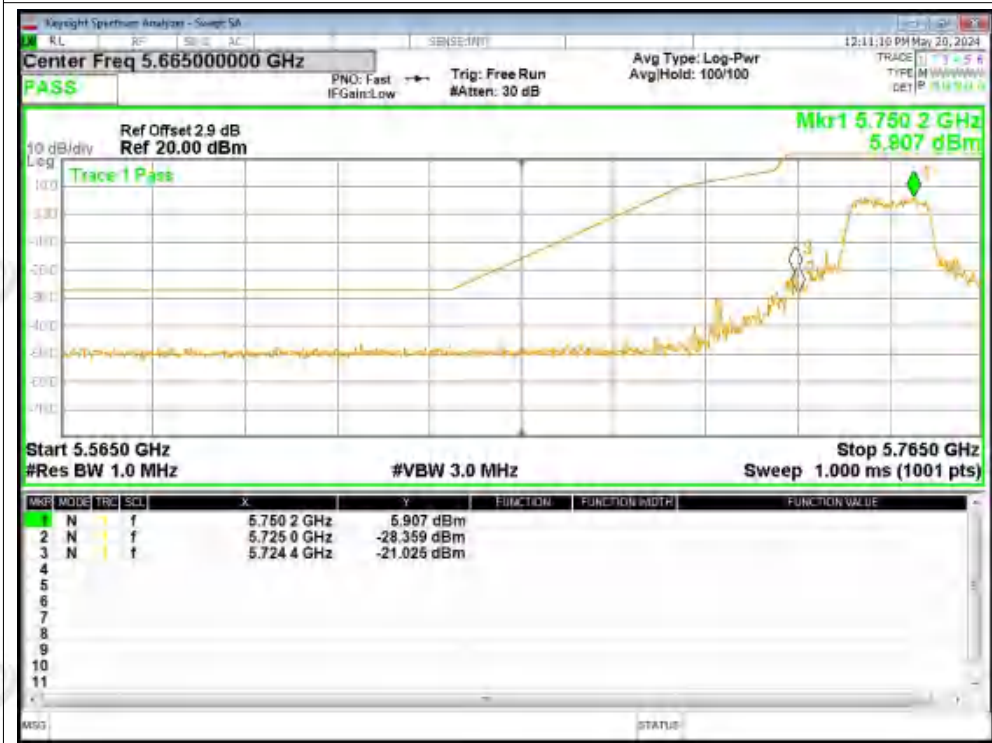


Band Edge NVNT n40 5795MHz High Ant2

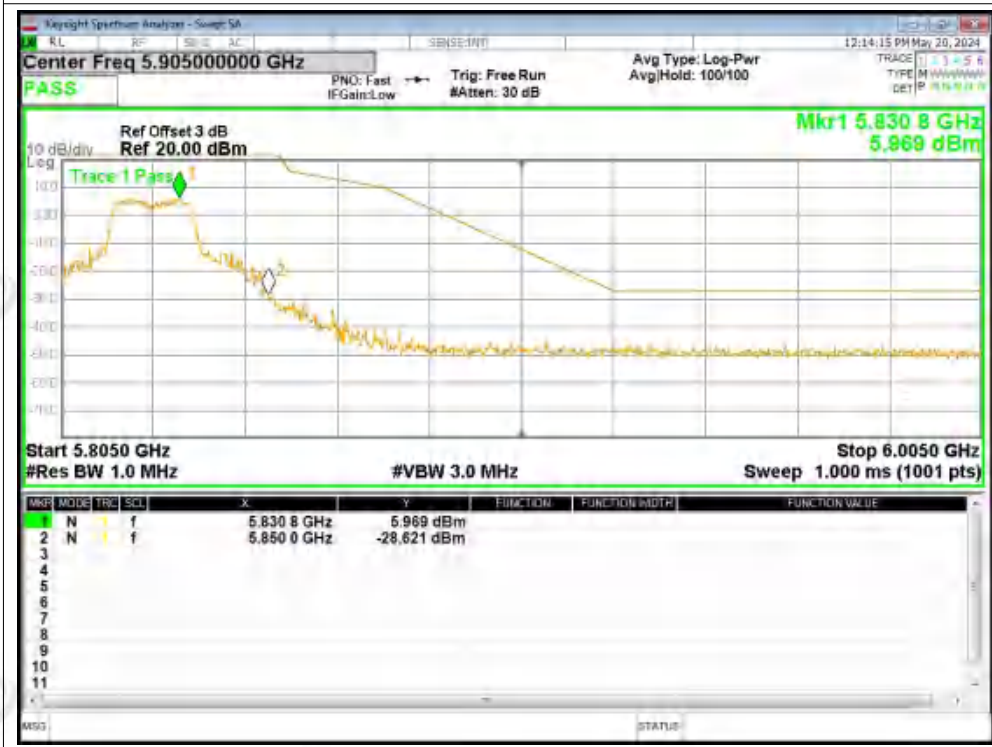




Band Edge NVNT ac20 5745MHz Low Ant1

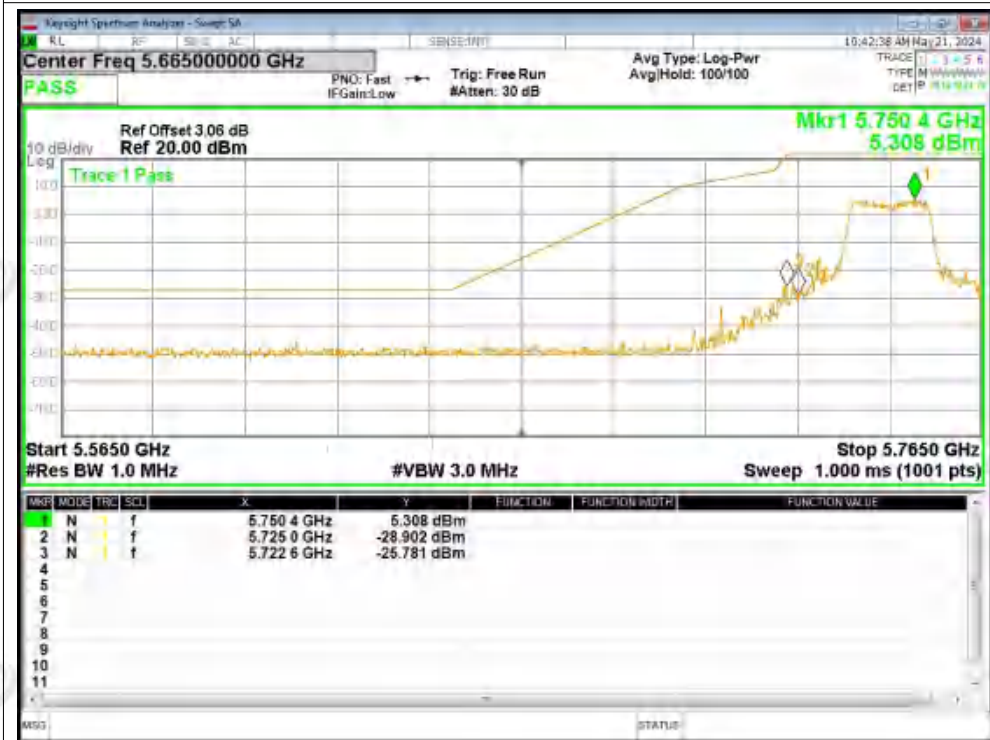


Band Edge NVNT ac20 5825MHz High Ant1

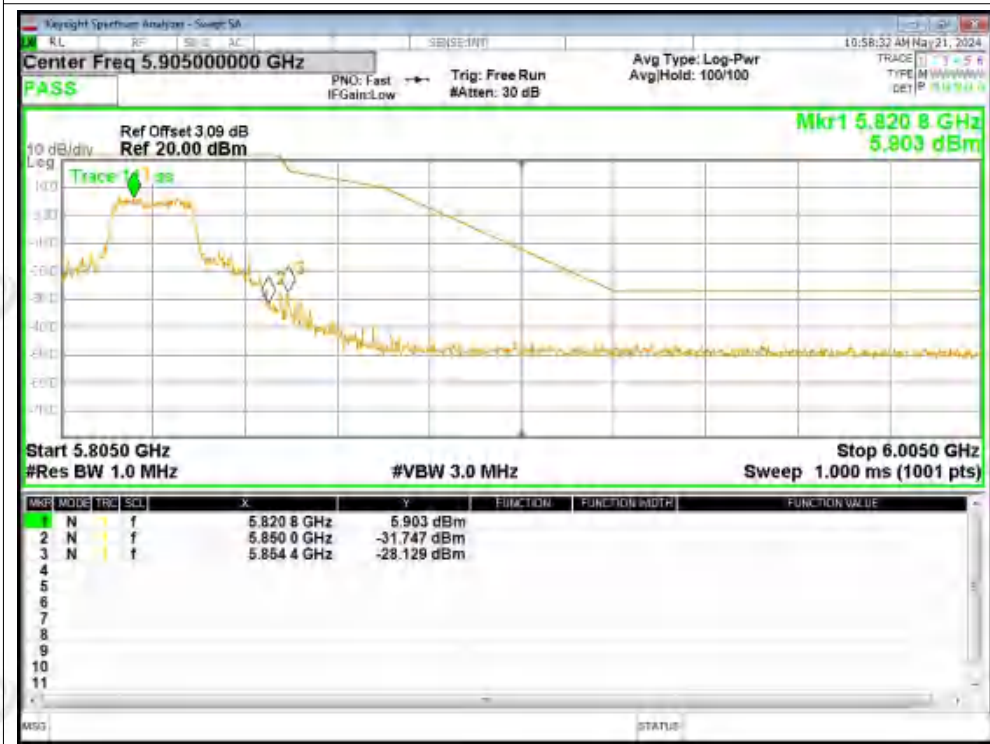




Band Edge NVNT ac20 5745MHz Low Ant2

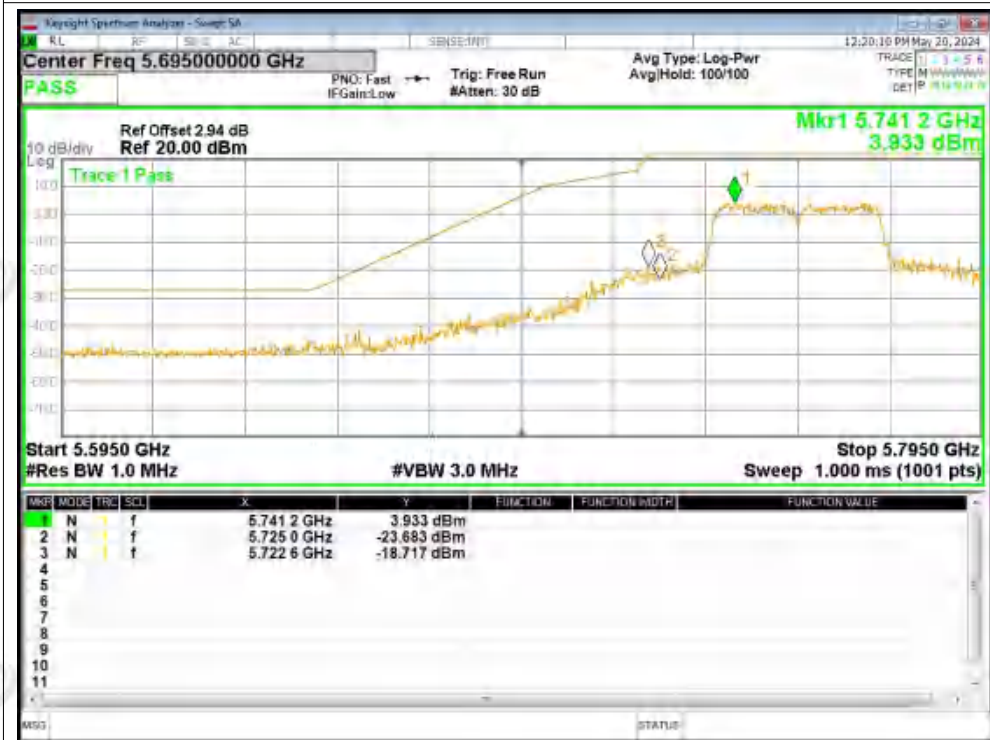


Band Edge NVNT ac20 5825MHz High Ant2

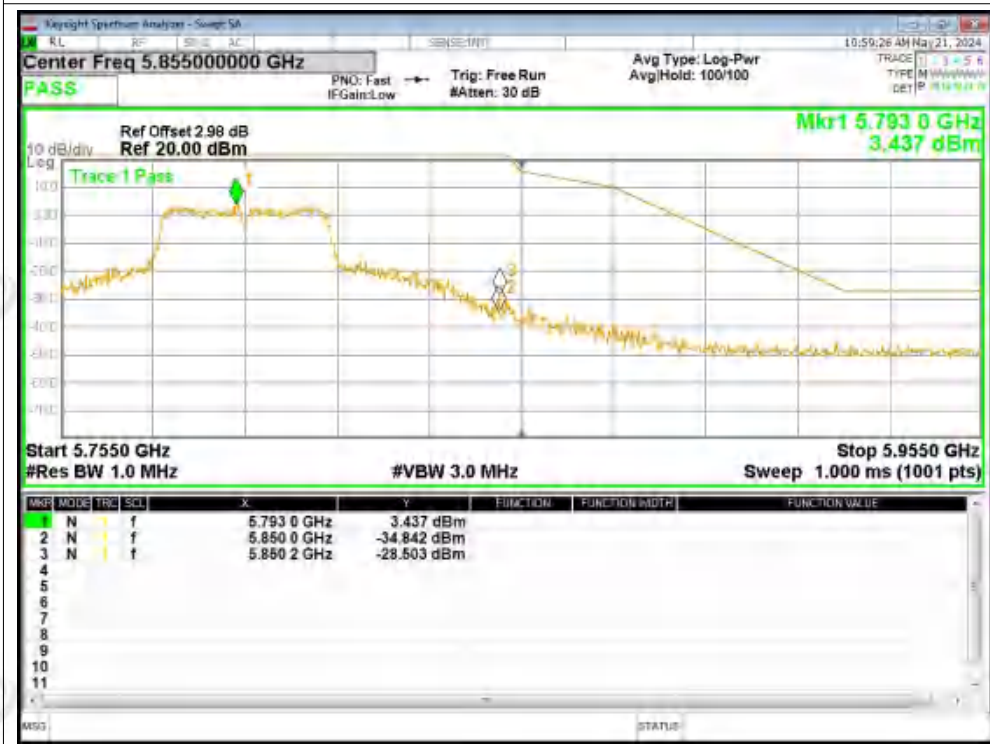




Band Edge NVNT ac40 5755MHz Low Ant1

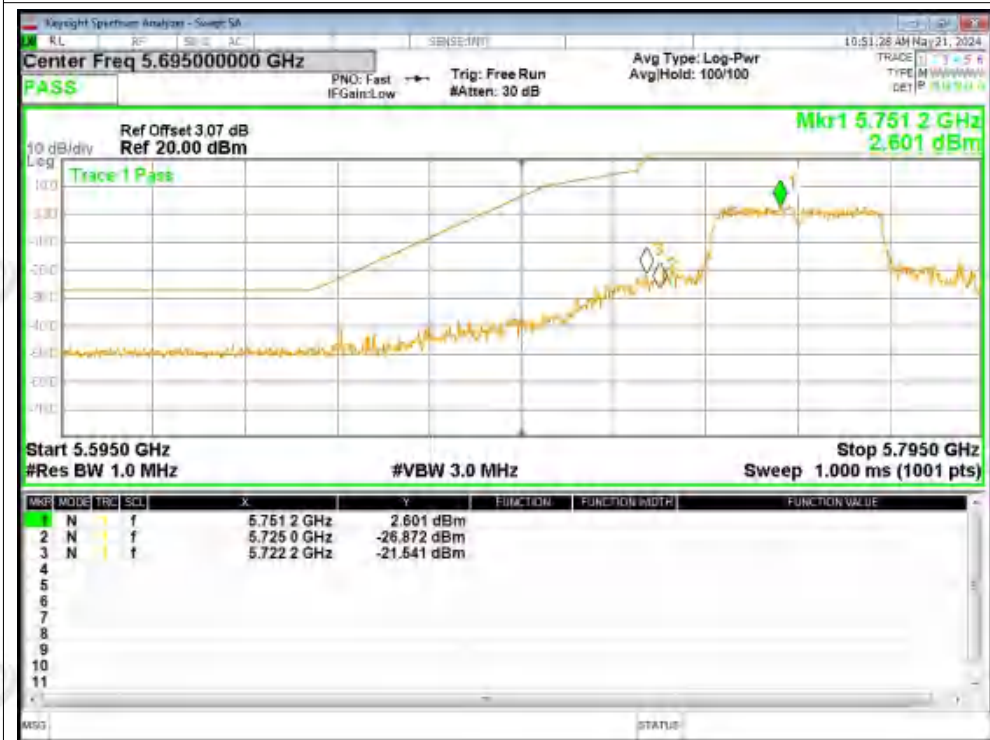


Band Edge NVNT ac40 5795MHz High Ant1

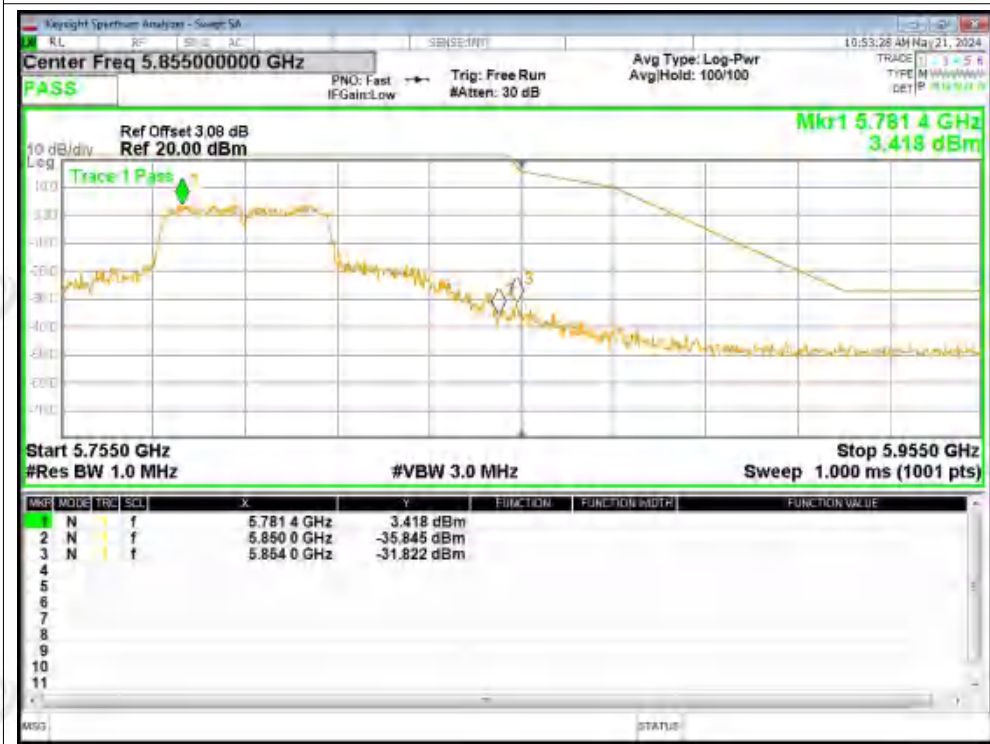




Band Edge NVNT ac40 5755MHz Low Ant2



Band Edge NVNT ac40 5795MHz High Ant2

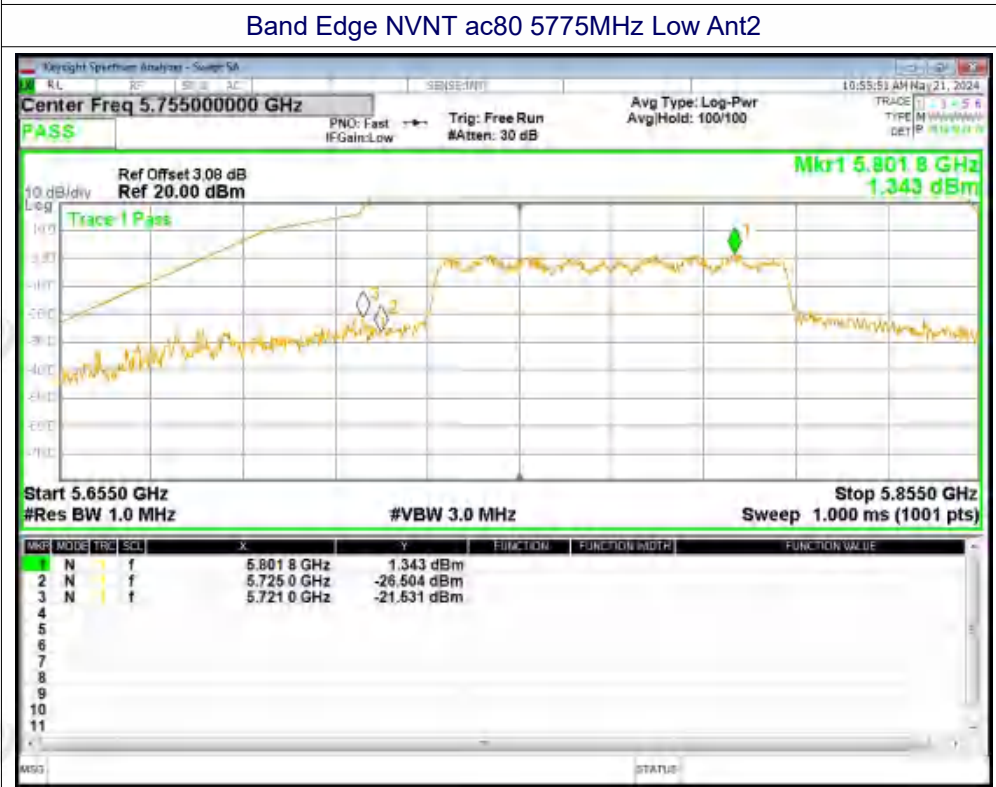




Band Edge NVNT ac80 5775MHz Low Ant1



Band Edge NVNT ac80 5775MHz Low Ant2





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B7. Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	a	5745	Ant2	5744.96	-40000	-6.96	25	Pass
NVNT	a	5785	Ant2	5784.96	-40000	-6.91	25	Pass
NVNT	a	5825	Ant2	5824.98	-20000	-3.43	25	Pass
NVNT	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
NVNT	n20	5785	Ant1	5785	0	0	25	Pass
NVNT	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NVNT	n20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
NVNT	n20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NVNT	n20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
NVNT	n40	5755	Ant1	5755	0	0	25	Pass
NVNT	n40	5795	Ant1	5795	0	0	25	Pass
NVNT	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5795	Ant2	5795	0	0	25	Pass
NVNT	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
NVNT	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NVNT	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	ac20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
NVNT	ac20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NVNT	ac20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
NVNT	ac40	5755	Ant1	5755	0	0	25	Pass
NVNT	ac40	5795	Ant1	5795	0	0	25	Pass
NVNT	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant2	5795	0	0	25	Pass
NVNT	ac80	5775	Ant1	5775	0	0	25	Pass
NVNT	ac80	5775	Ant2	5775.08	80000	13.85	25	Pass



Test Graphs

Freq. Stability NVNT a 5745MHz Ant1



Freq. Stability NVNT a 5785MHz Ant1





Freq. Stability NVNT a 5825MHz Ant1

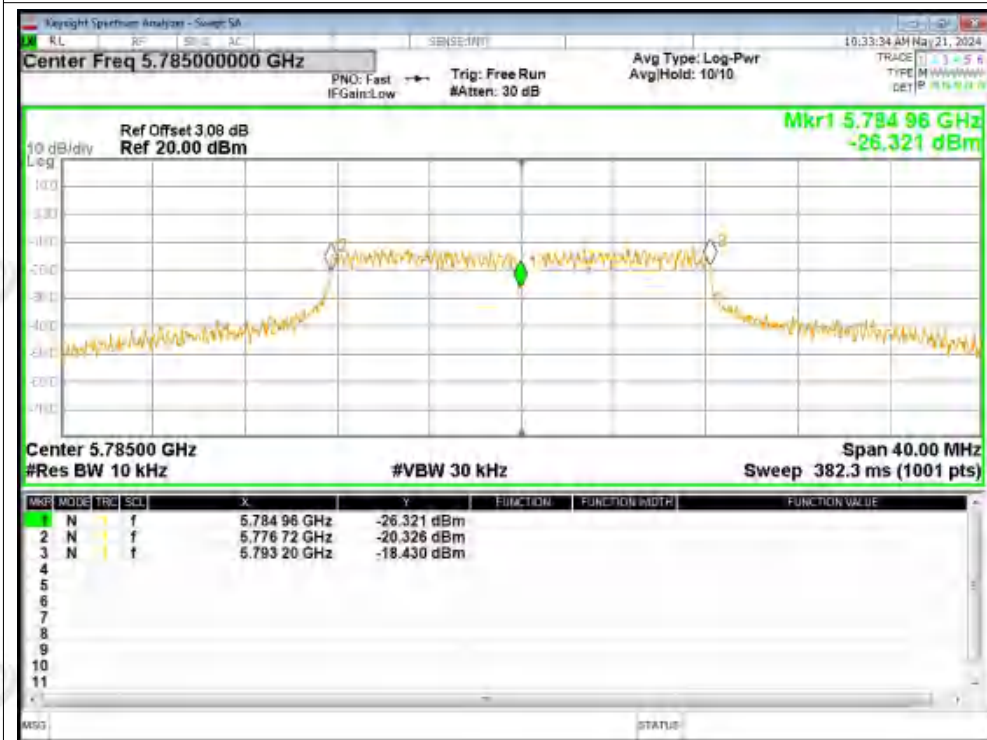


Freq. Stability NVNT a 5745MHz Ant2

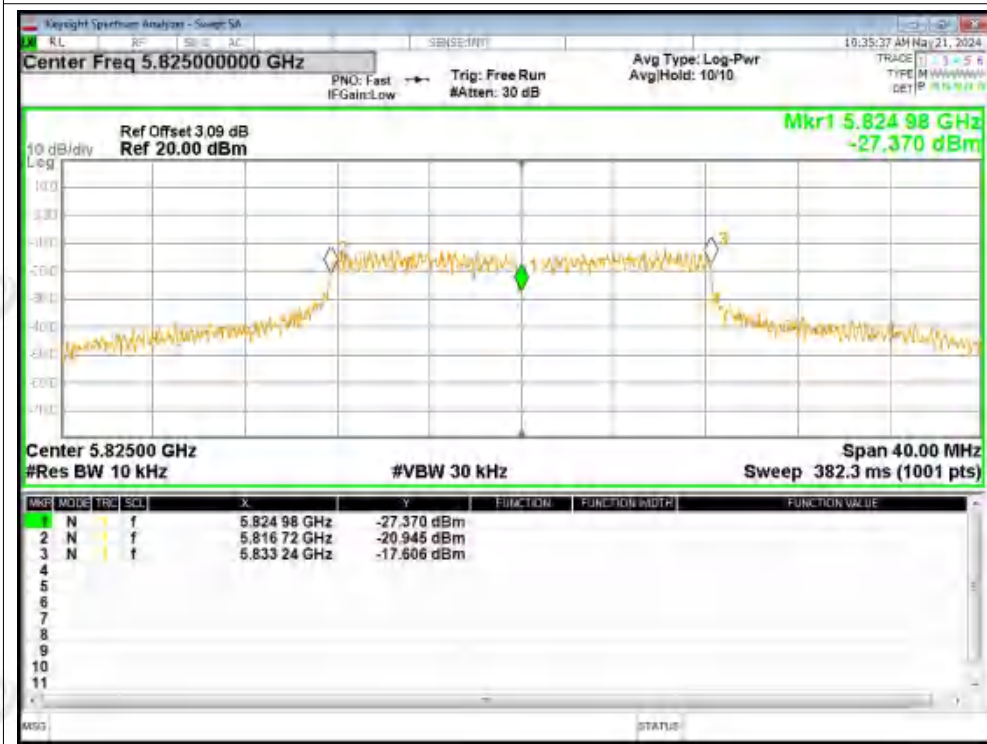




Freq. Stability NVNT a 5785MHz Ant2

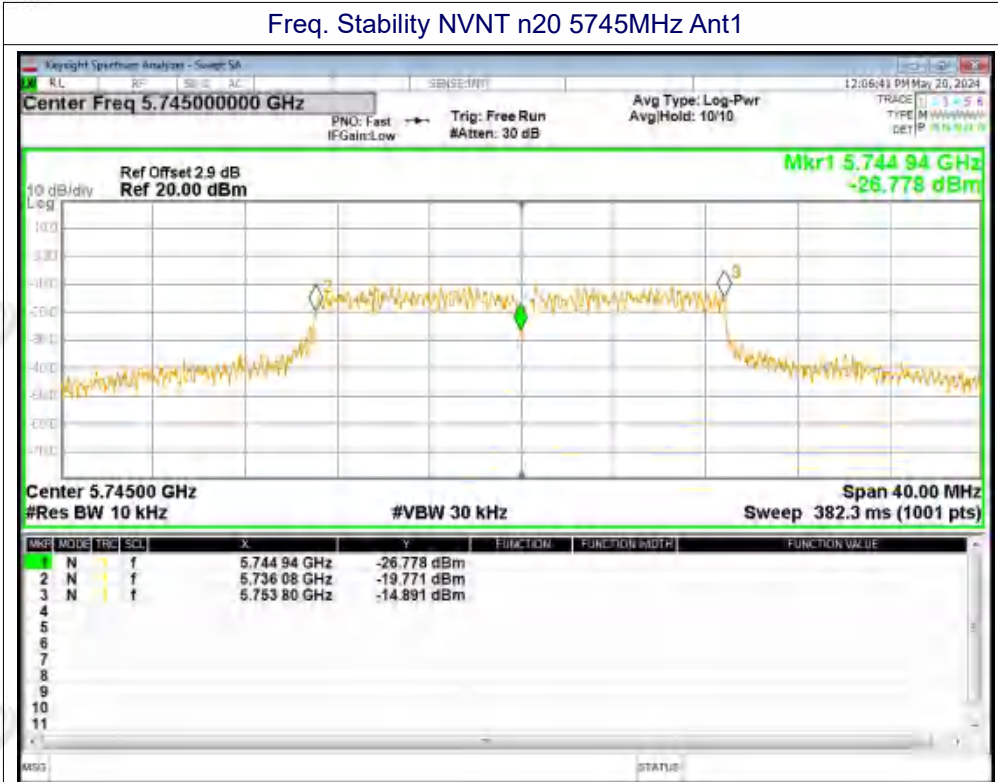


Freq. Stability NVNT a 5825MHz Ant2

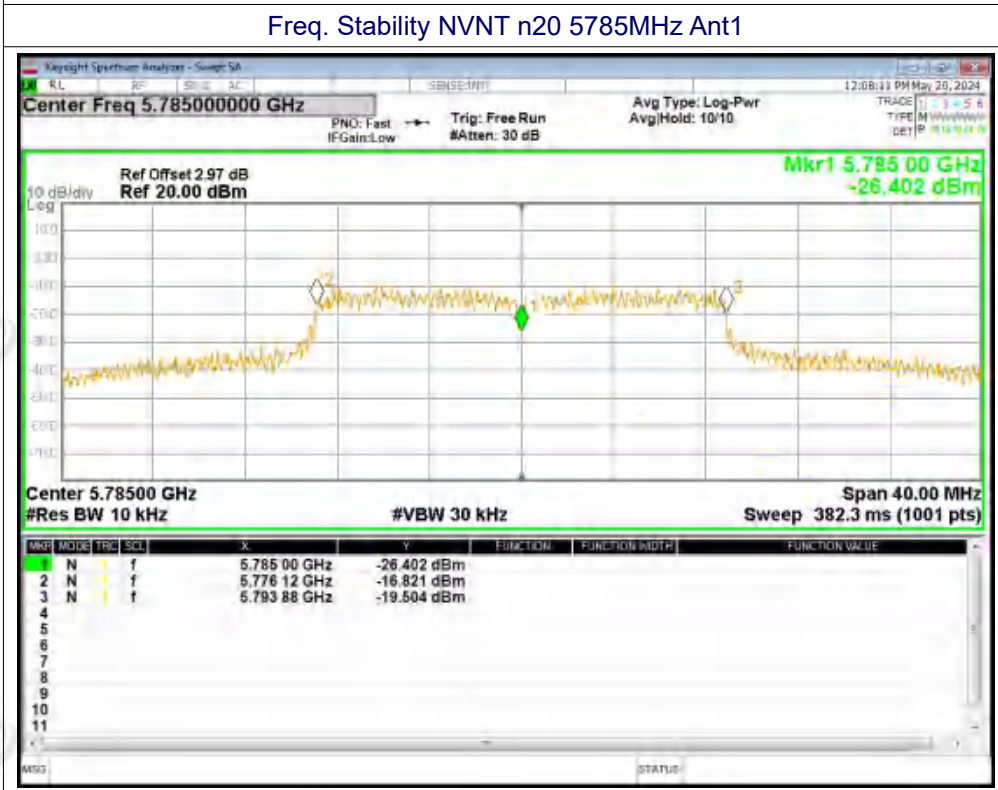




Freq. Stability NVNT n20 5745MHz Ant1



Freq. Stability NVNT n20 5785MHz Ant1





Freq. Stability NVNT n20 5825MHz Ant1

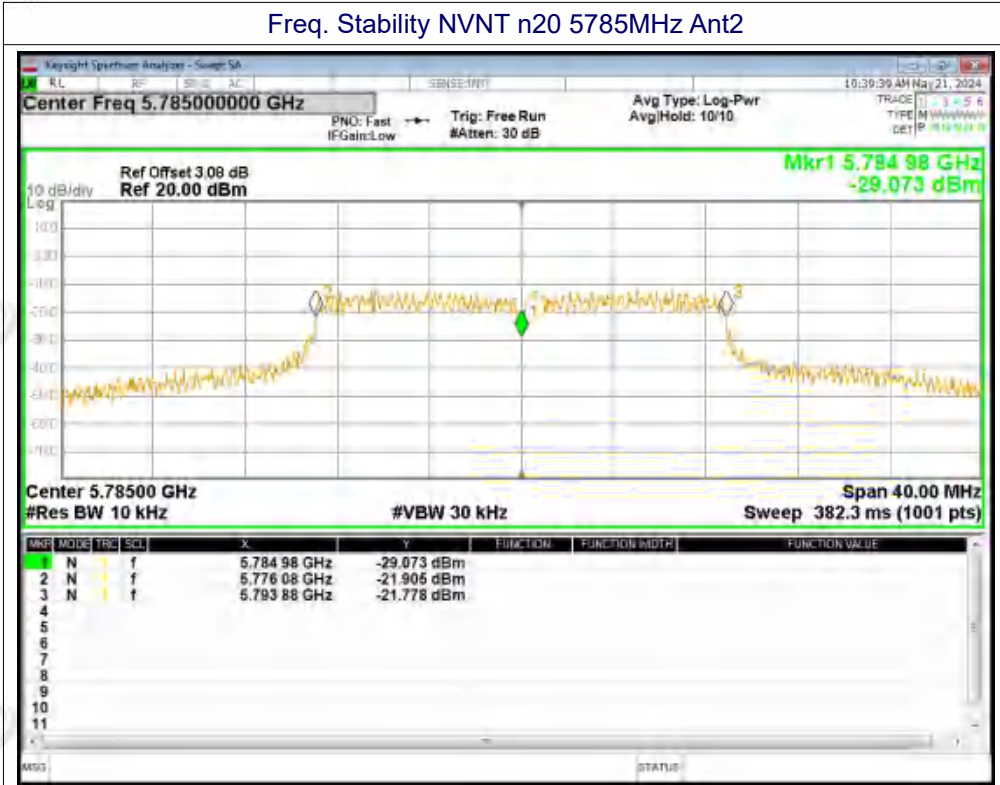


Freq. Stability NVNT n20 5745MHz Ant2

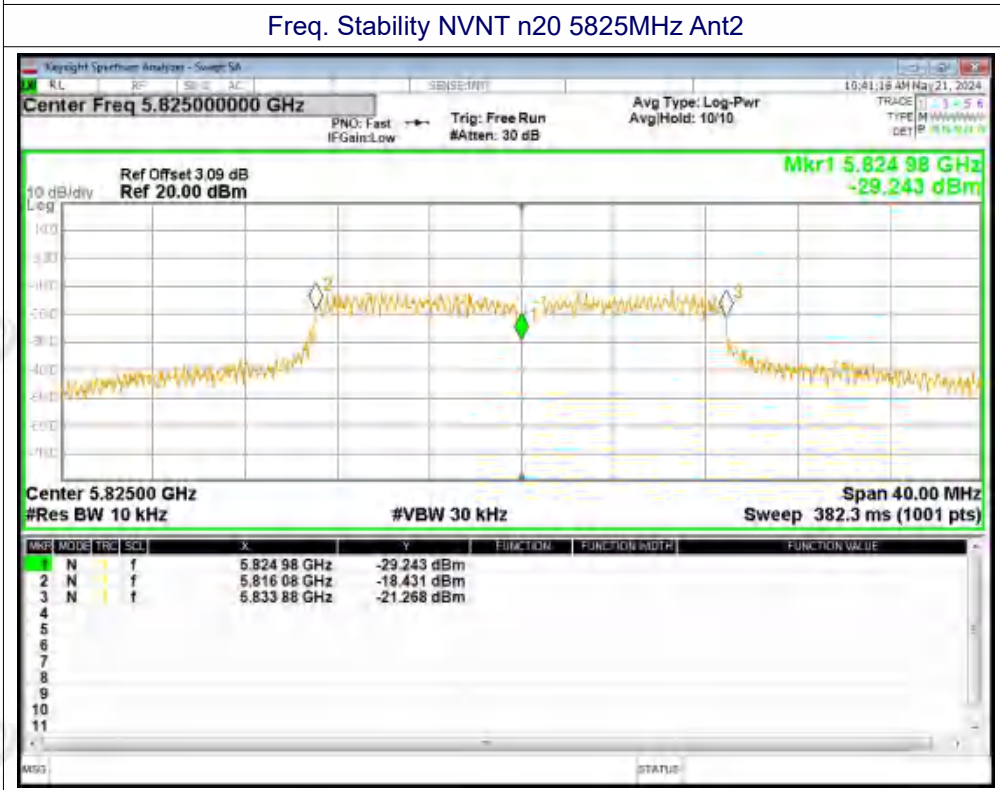




Freq. Stability NVNT n20 5785MHz Ant2



Freq. Stability NVNT n20 5825MHz Ant2





Freq. Stability NVNT n40 5755MHz Ant1

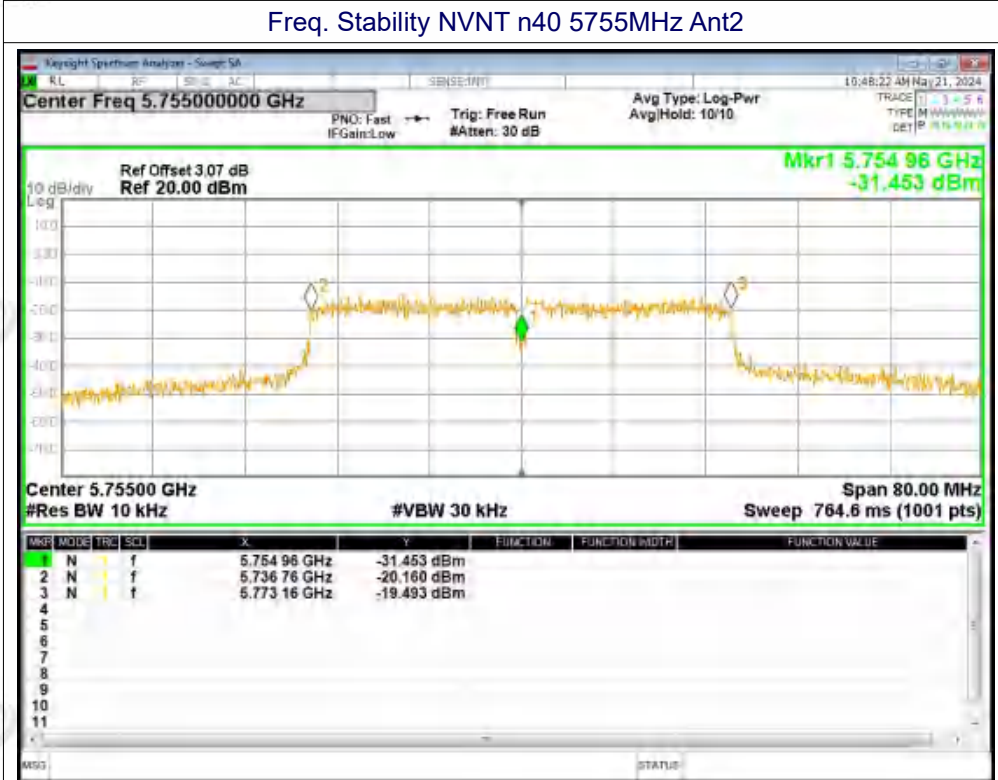


Freq. Stability NVNT n40 5795MHz Ant1

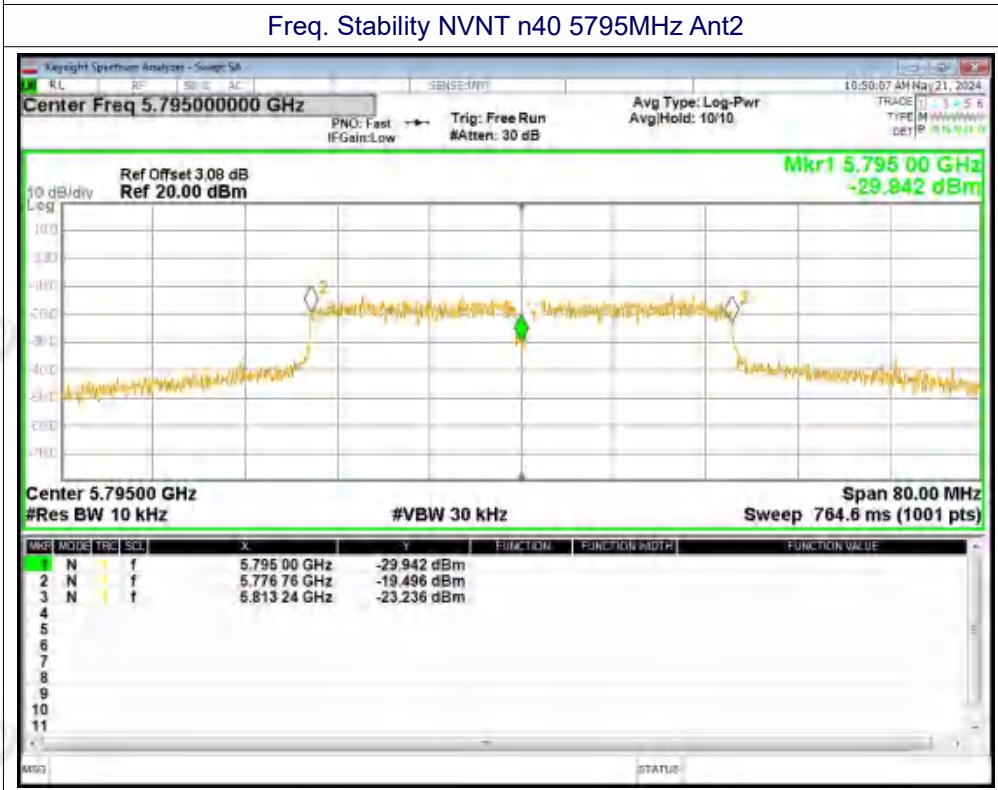




Freq. Stability NVNT n40 5755MHz Ant2

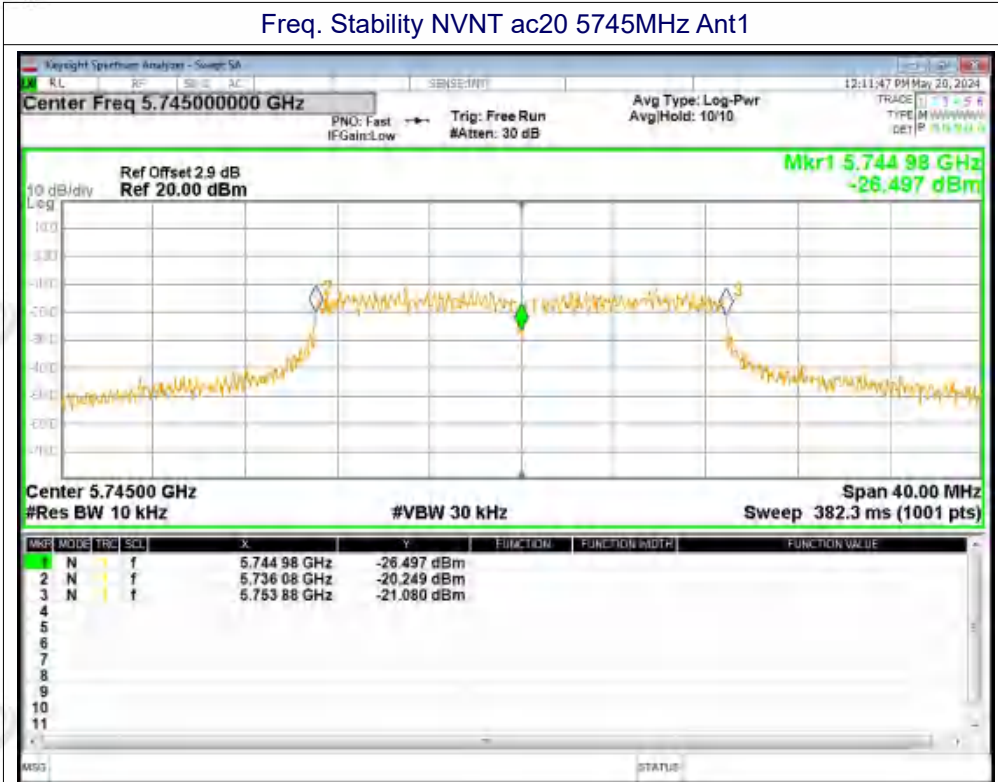


Freq. Stability NVNT n40 5795MHz Ant2

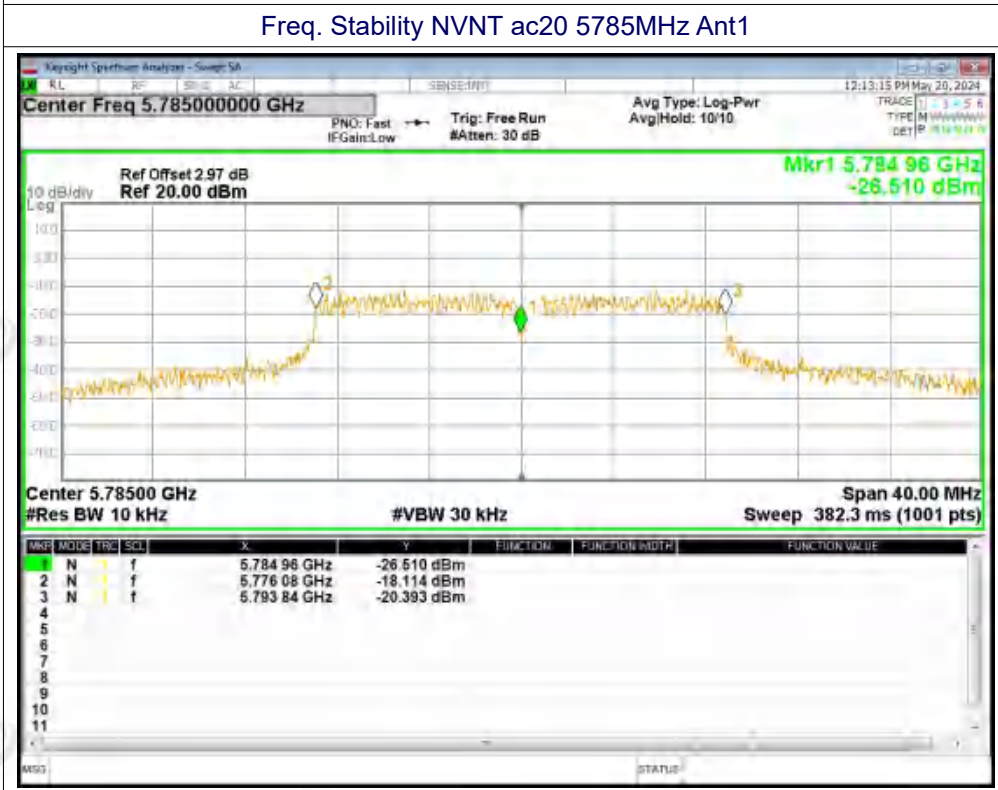




Freq. Stability NVNT ac20 5745MHz Ant1



Freq. Stability NVNT ac20 5785MHz Ant1





Freq. Stability NVNT ac20 5825MHz Ant1

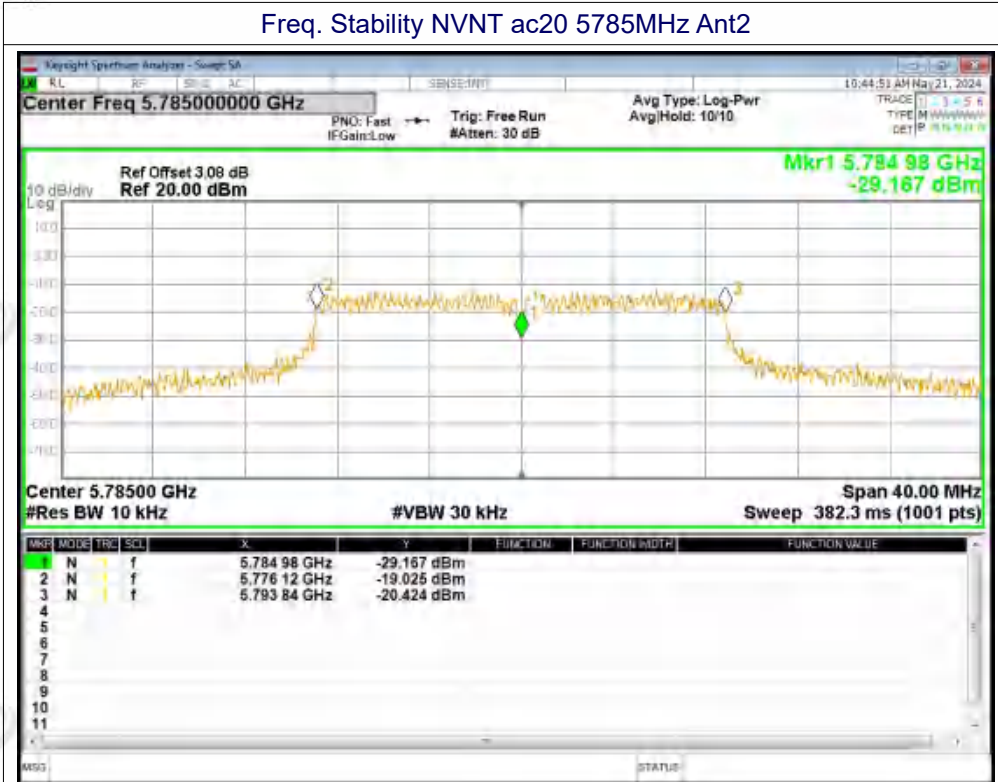


Freq. Stability NVNT ac20 5745MHz Ant2

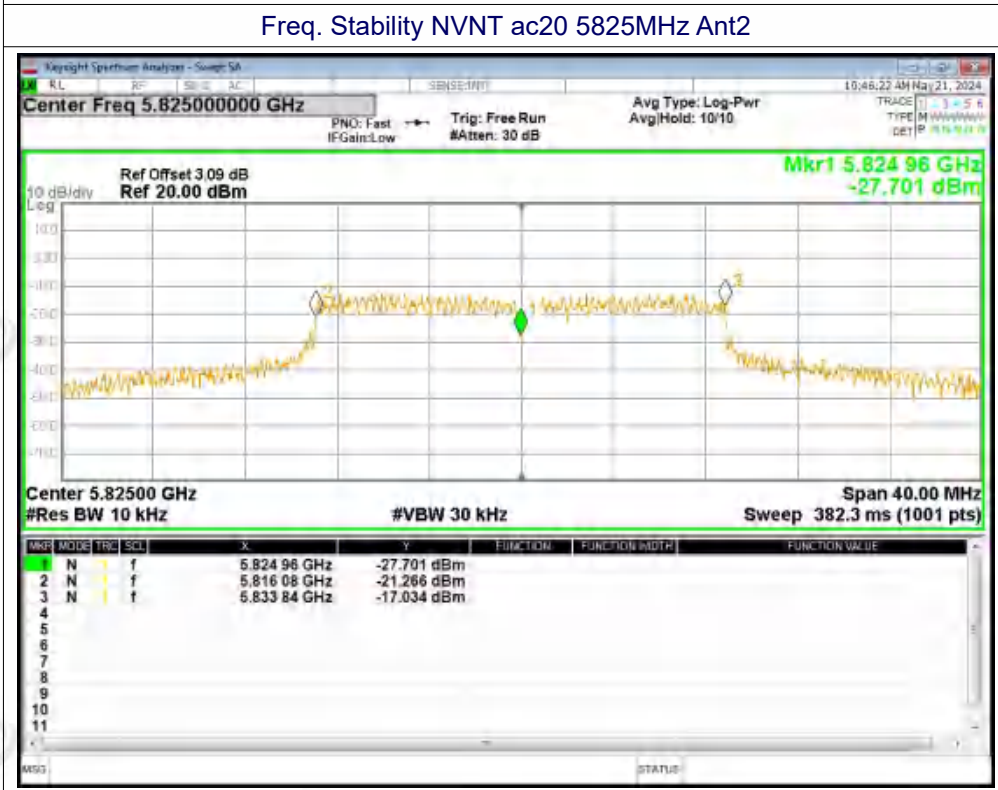




Freq. Stability NVNT ac20 5785MHz Ant2



Freq. Stability NVNT ac20 5825MHz Ant2





Freq. Stability NVNT ac40 5755MHz Ant1

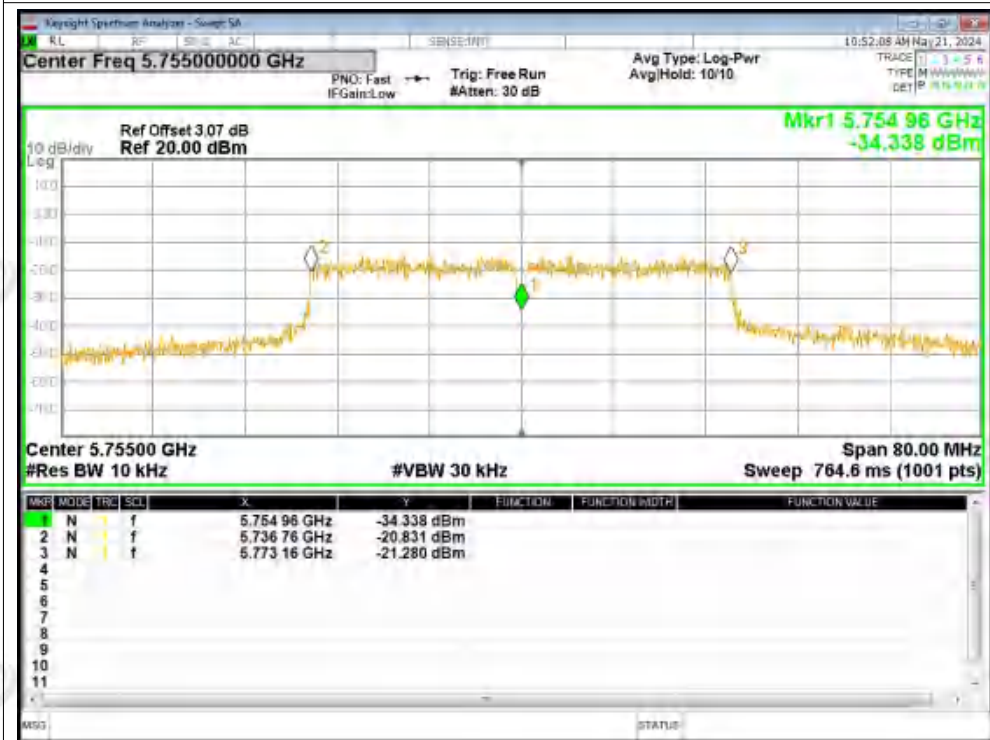


Freq. Stability NVNT ac40 5795MHz Ant1





Freq. Stability NVNT ac40 5755MHz Ant2

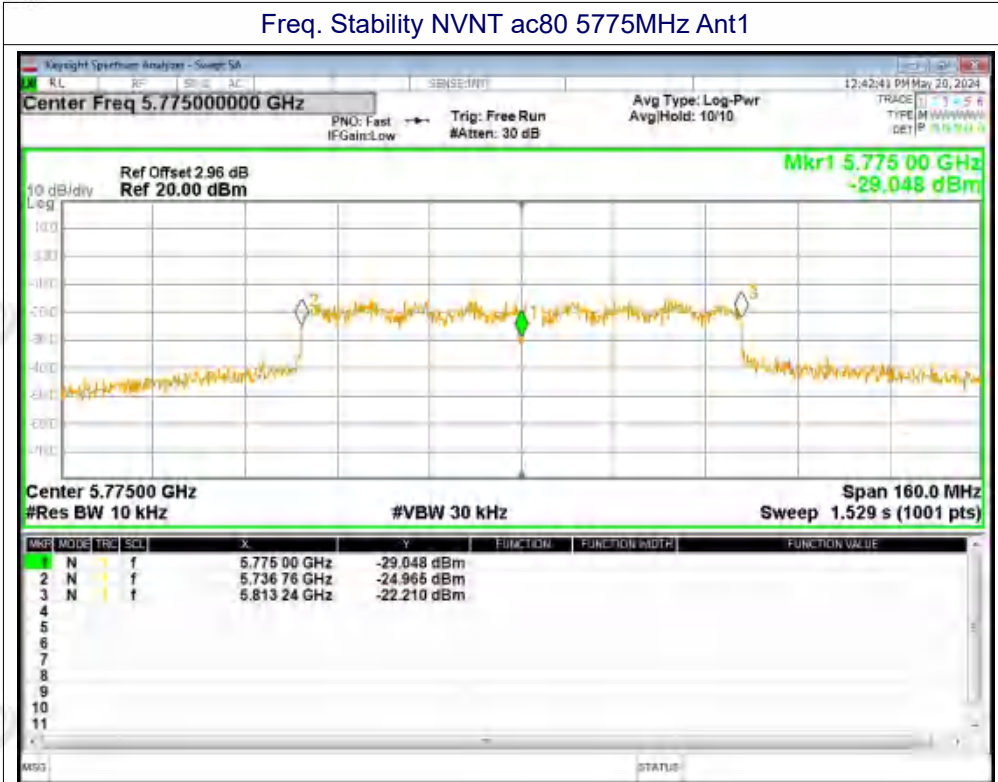


Freq. Stability NVNT ac40 5795MHz Ant2

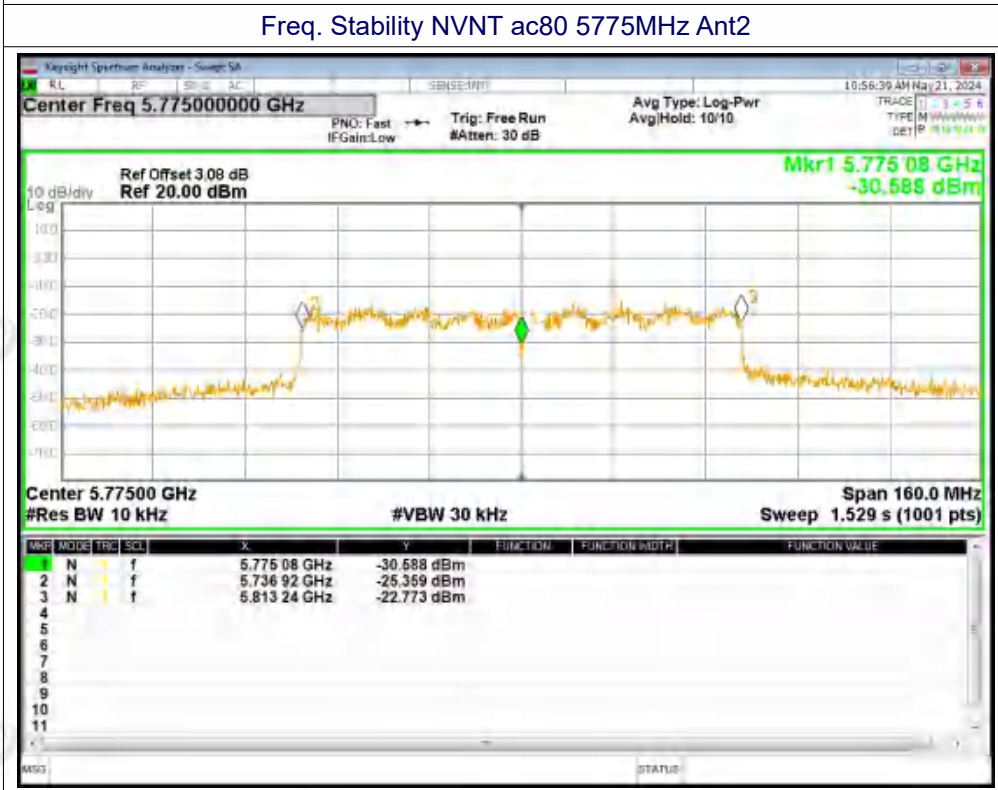




Freq. Stability NVNT ac80 5775MHz Ant1



Freq. Stability NVNT ac80 5775MHz Ant2





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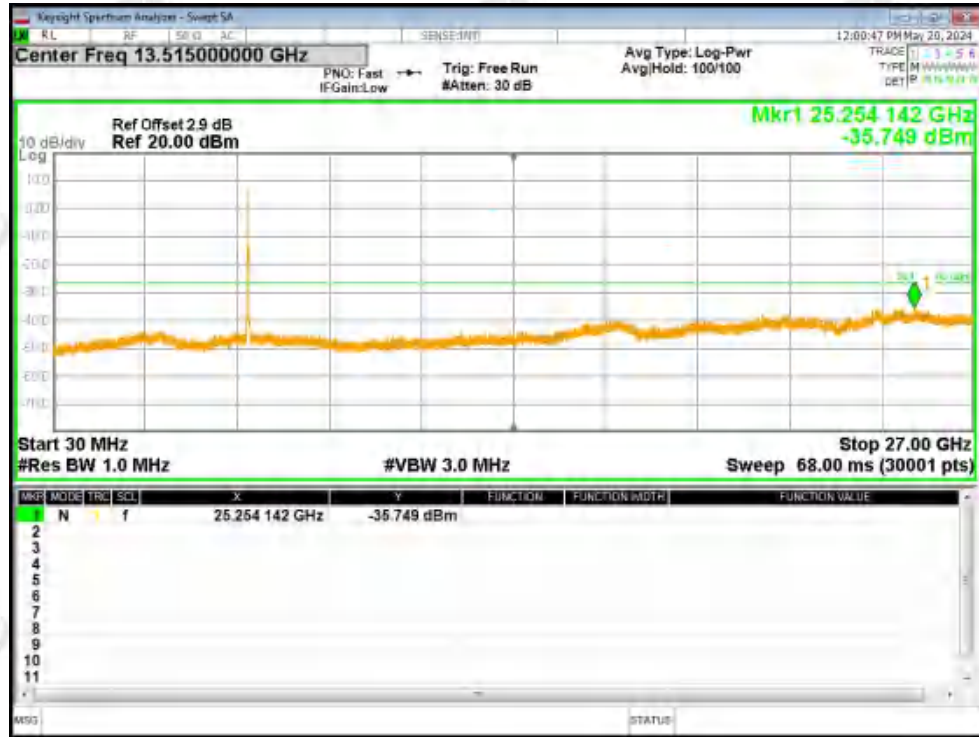
B8. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-35.74	-27	Pass
NVNT	a	5785	Ant1	-34.73	-27	Pass
NVNT	a	5825	Ant1	-35.23	-27	Pass
NVNT	a	5745	Ant2	-35.37	-27	Pass
NVNT	a	5785	Ant2	-35.54	-27	Pass
NVNT	a	5825	Ant2	-35.77	-27	Pass
NVNT	n20	5745	Ant1	-35.52	-27	Pass
NVNT	n20	5785	Ant1	-35.55	-27	Pass
NVNT	n20	5825	Ant1	-35.39	-27	Pass
NVNT	n20	5745	Ant2	-35.19	-27	Pass
NVNT	n20	5785	Ant2	-35.06	-27	Pass
NVNT	n20	5825	Ant2	-35.54	-27	Pass
NVNT	n40	5755	Ant1	-35.22	-27	Pass
NVNT	n40	5795	Ant1	-35.46	-27	Pass
NVNT	n40	5755	Ant2	-35.05	-27	Pass
NVNT	n40	5795	Ant2	-35.37	-27	Pass
NVNT	ac20	5745	Ant1	-35.86	-27	Pass
NVNT	ac20	5785	Ant1	-35.25	-27	Pass
NVNT	ac20	5825	Ant1	-33.71	-27	Pass
NVNT	ac20	5745	Ant2	-35.48	-27	Pass
NVNT	ac20	5785	Ant2	-35.35	-27	Pass
NVNT	ac20	5825	Ant2	-35.55	-27	Pass
NVNT	ac40	5755	Ant1	-35.6	-27	Pass
NVNT	ac40	5795	Ant1	-34.94	-27	Pass
NVNT	ac40	5755	Ant2	-35.14	-27	Pass
NVNT	ac40	5795	Ant2	-34.86	-27	Pass
NVNT	ac80	5775	Ant1	-35.52	-27	Pass
NVNT	ac80	5775	Ant2	-35.15	-27	Pass

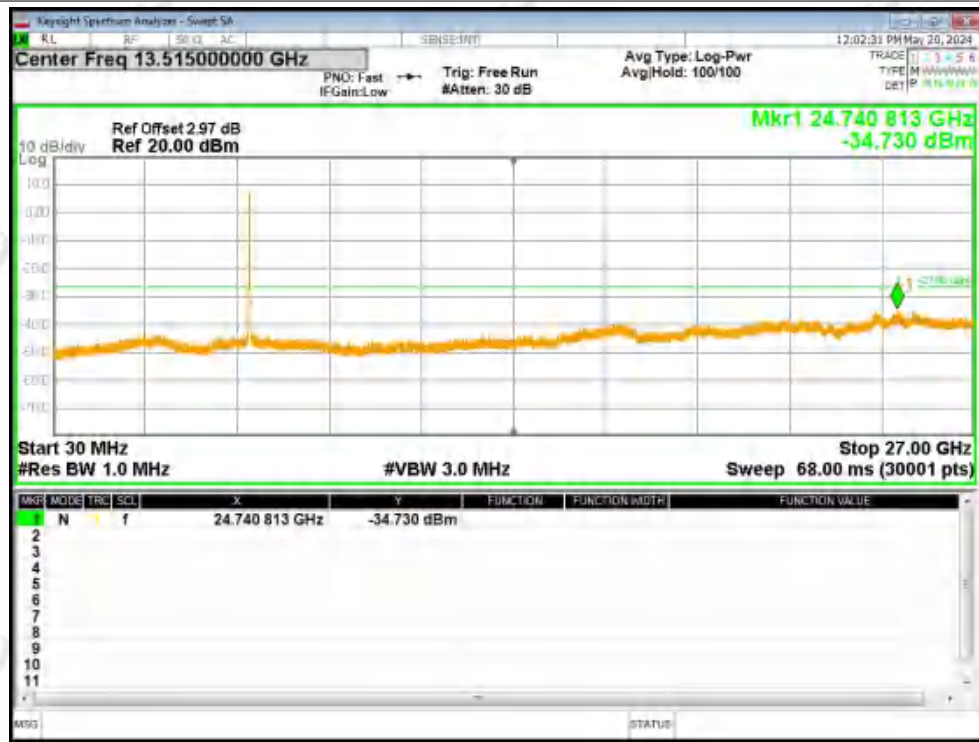


Test Graphs

Tx. Spurious NVNT a 5745MHz Ant1 Emission

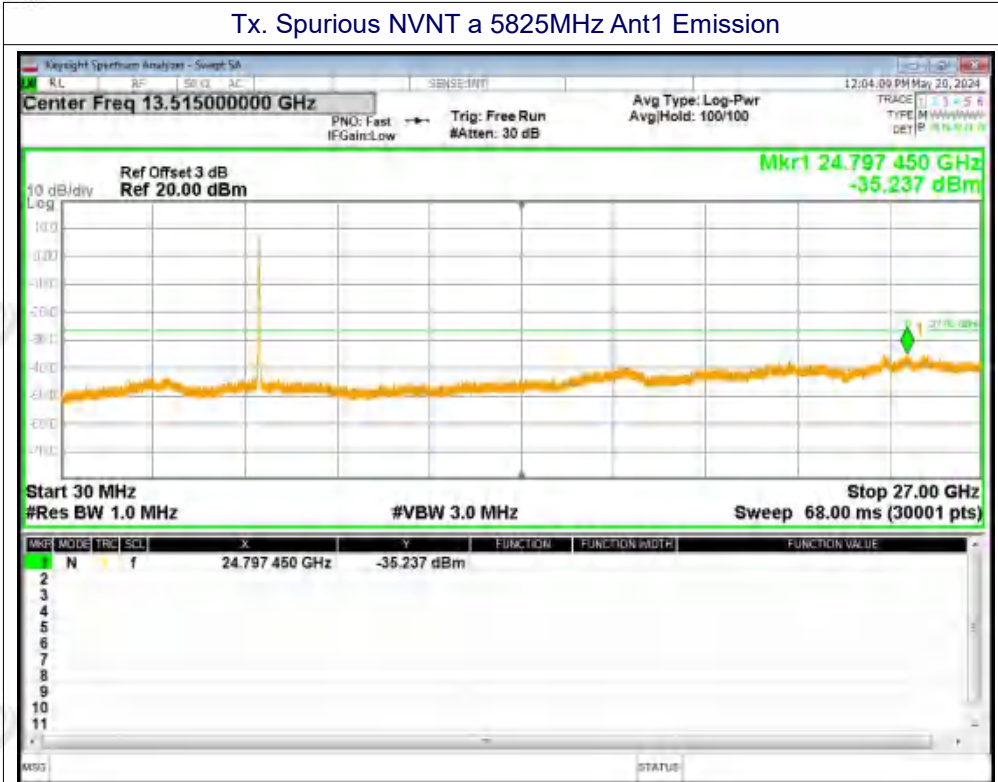


Tx. Spurious NVNT a 5785MHz Ant1 Emission

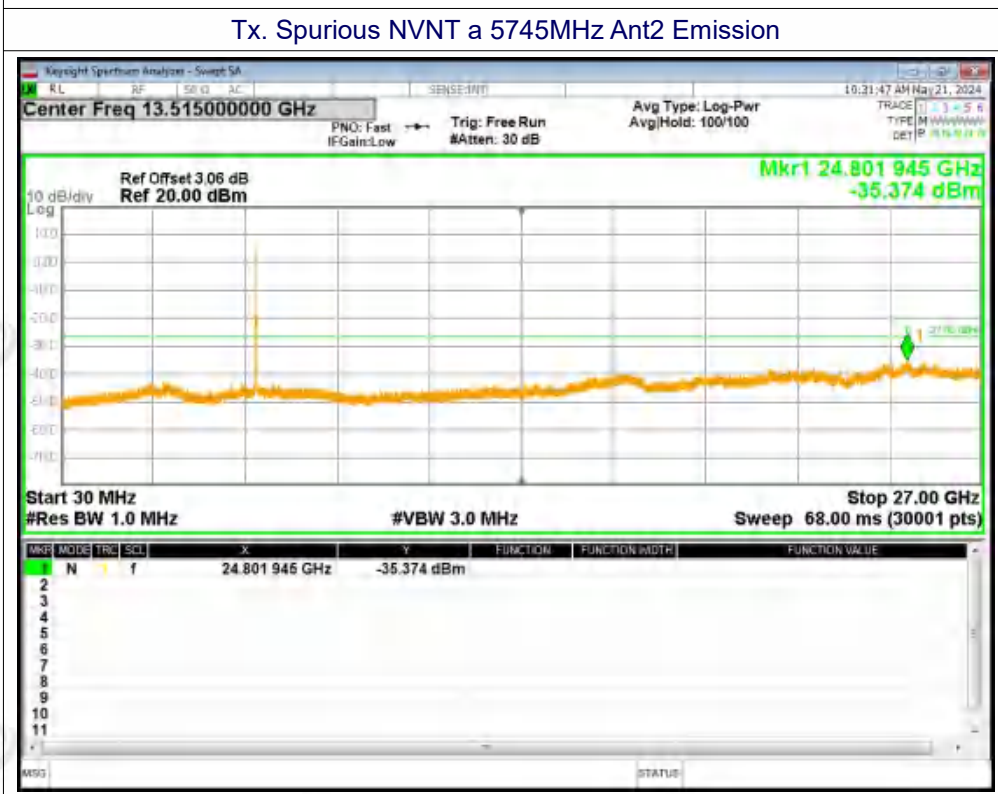




Tx. Spurious NVNT a 5825MHz Ant1 Emission

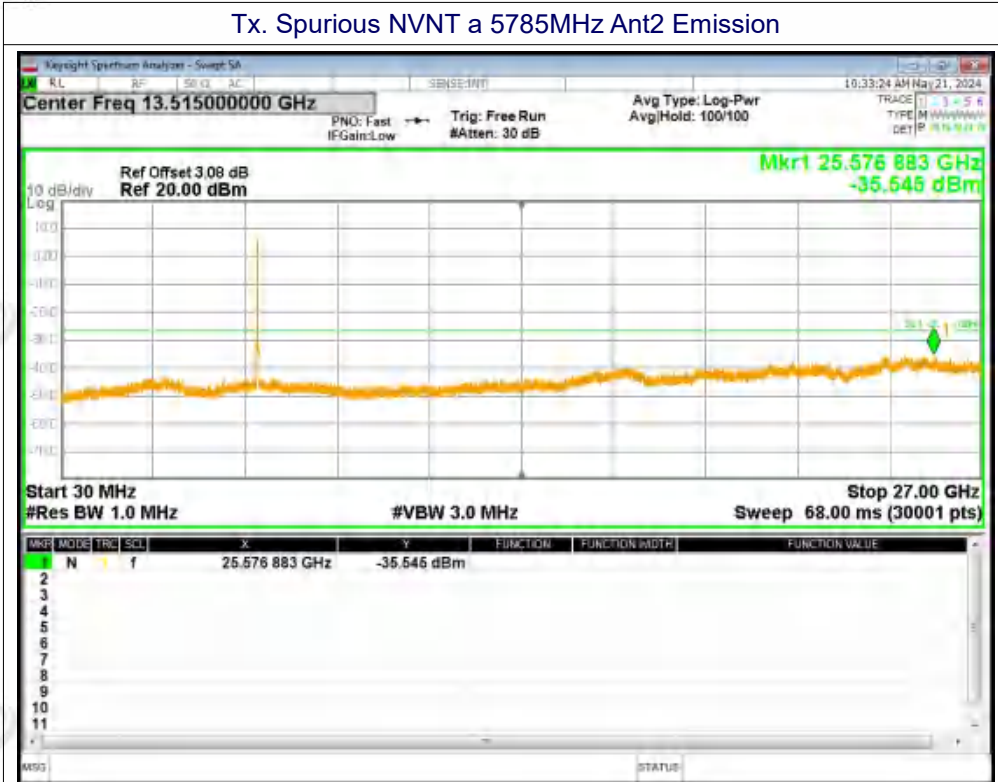


Tx. Spurious NVNT a 5745MHz Ant2 Emission

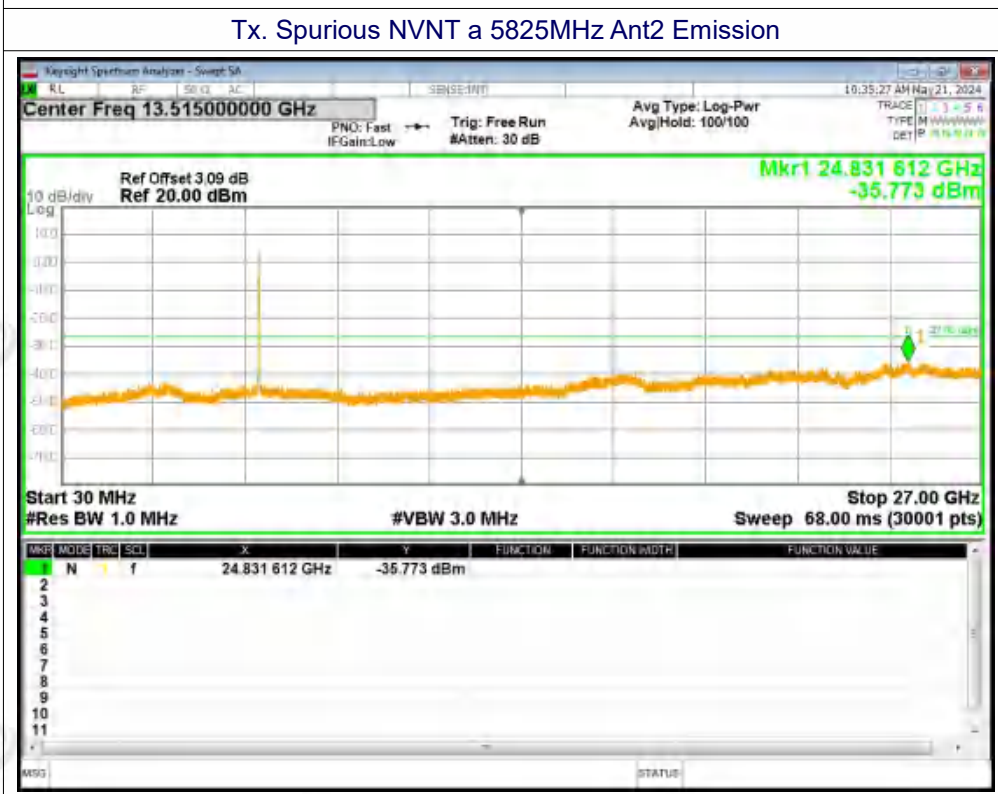




Tx. Spurious NVNT a 5785MHz Ant2 Emission

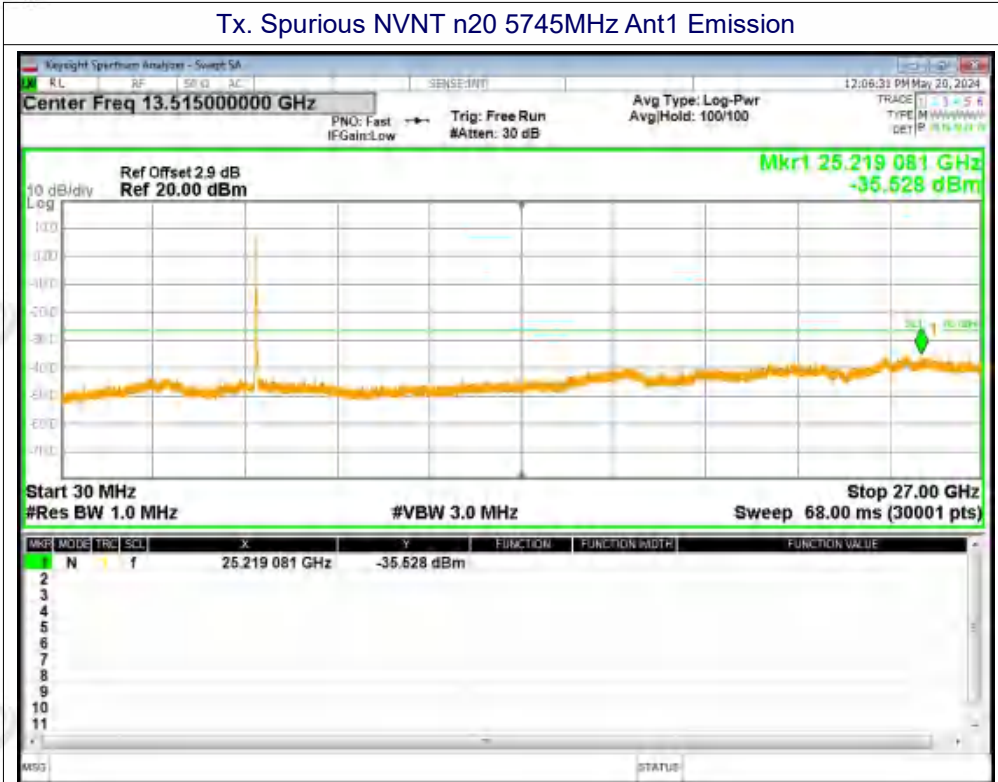


Tx. Spurious NVNT a 5825MHz Ant2 Emission

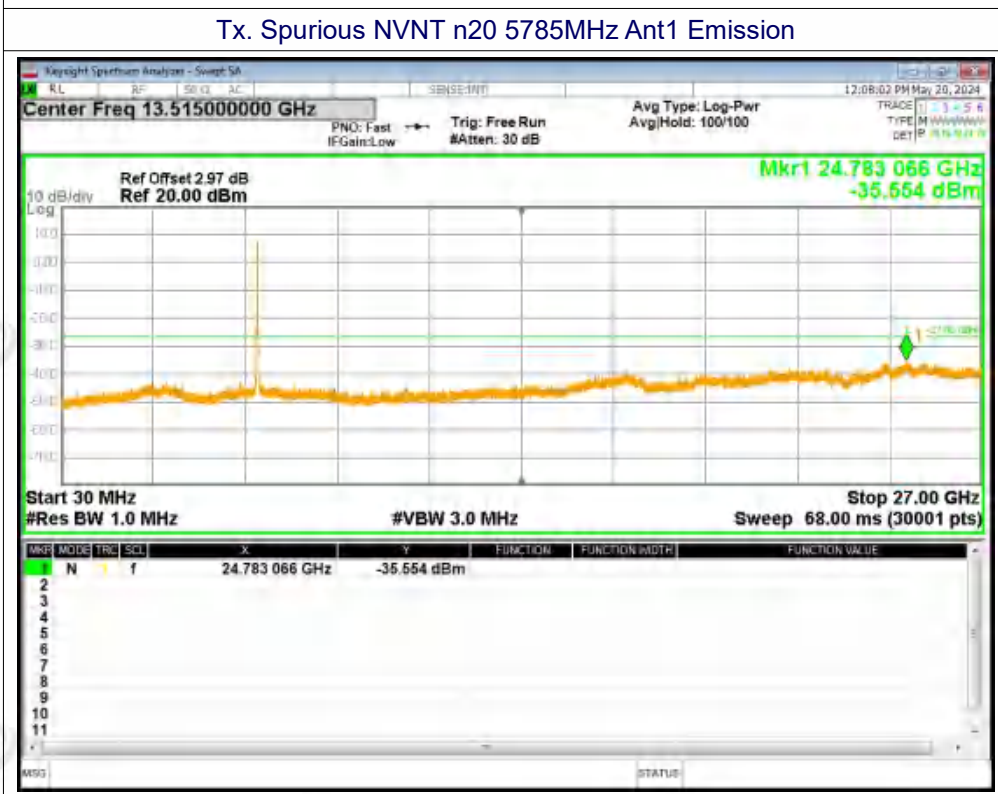




Tx. Spurious NVNT n20 5745MHz Ant1 Emission

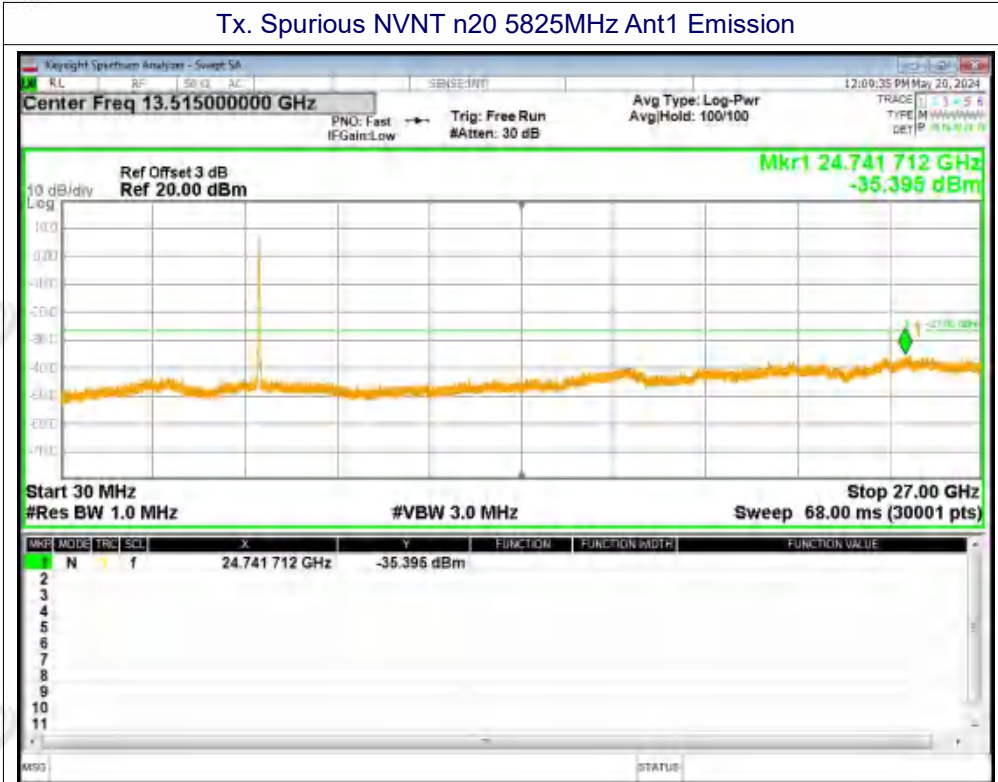


Tx. Spurious NVNT n20 5785MHz Ant1 Emission

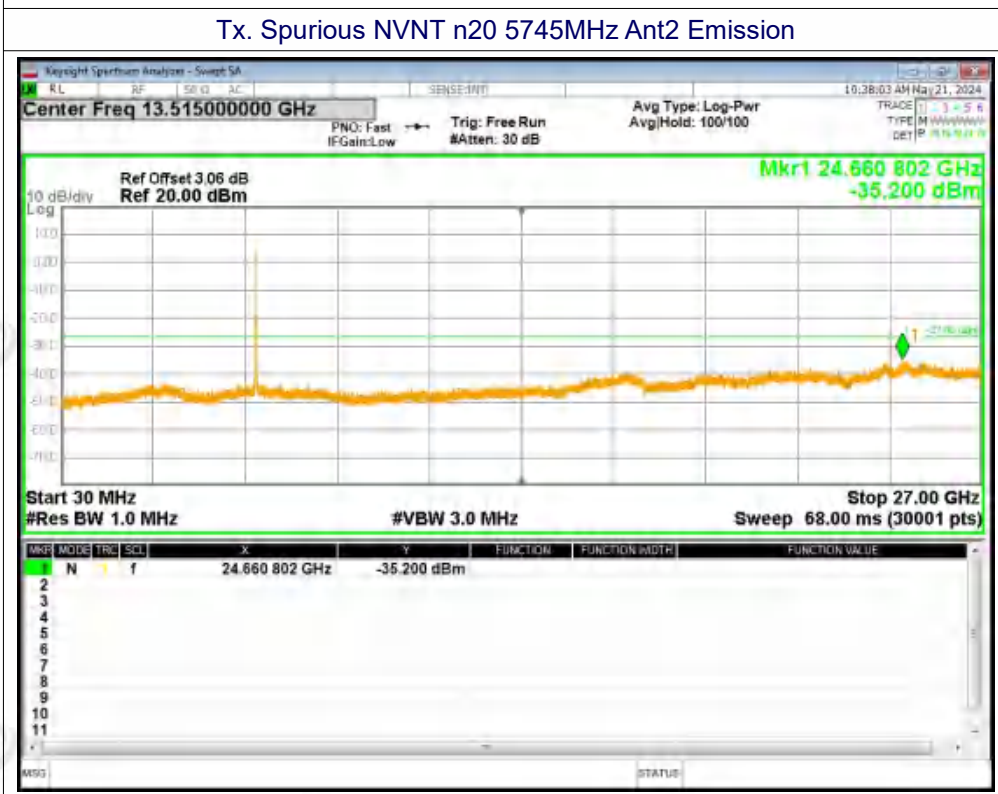




Tx. Spurious NVNT n20 5825MHz Ant1 Emission

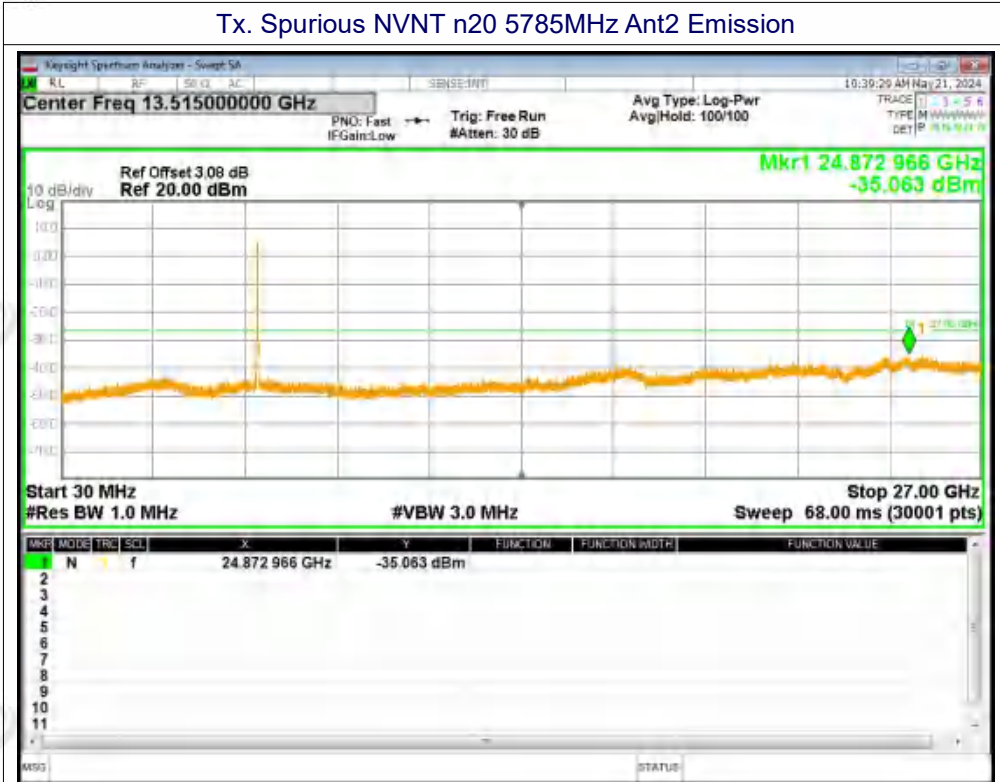


Tx. Spurious NVNT n20 5745MHz Ant2 Emission

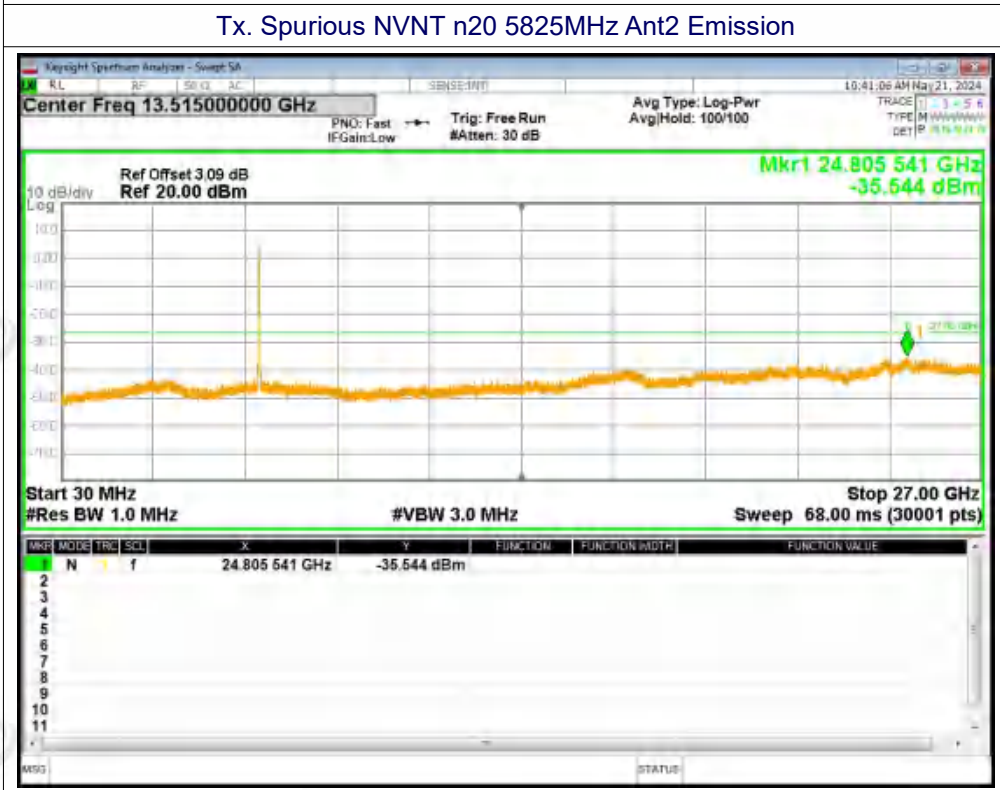




Tx. Spurious NVNT n20 5785MHz Ant2 Emission

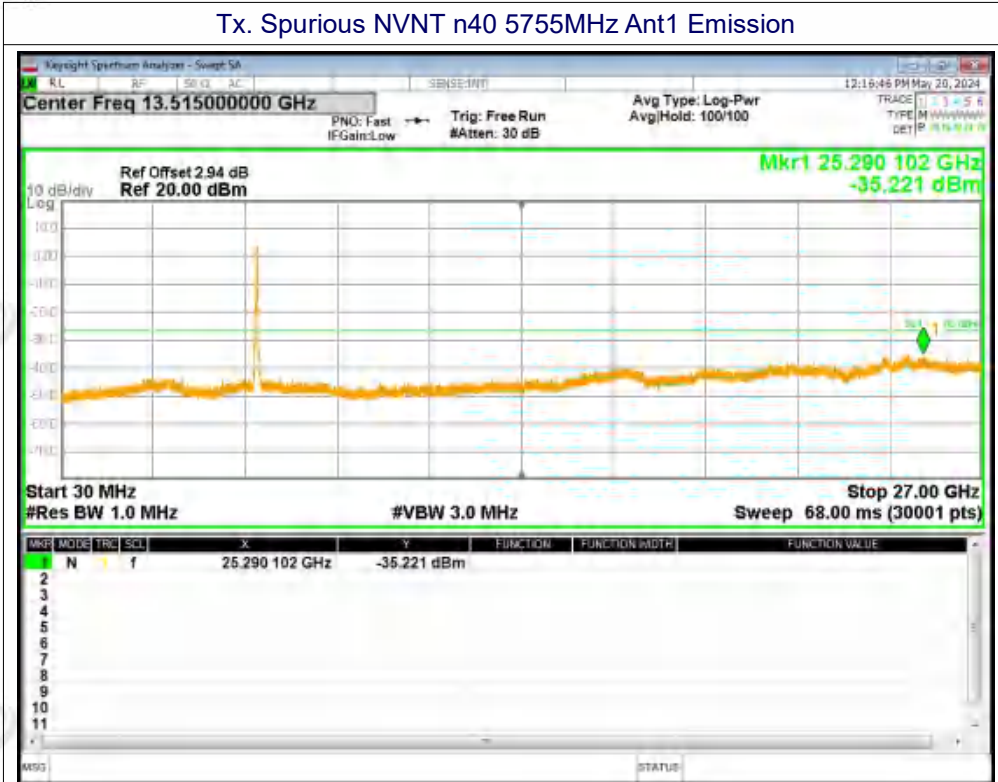


Tx. Spurious NVNT n20 5825MHz Ant2 Emission

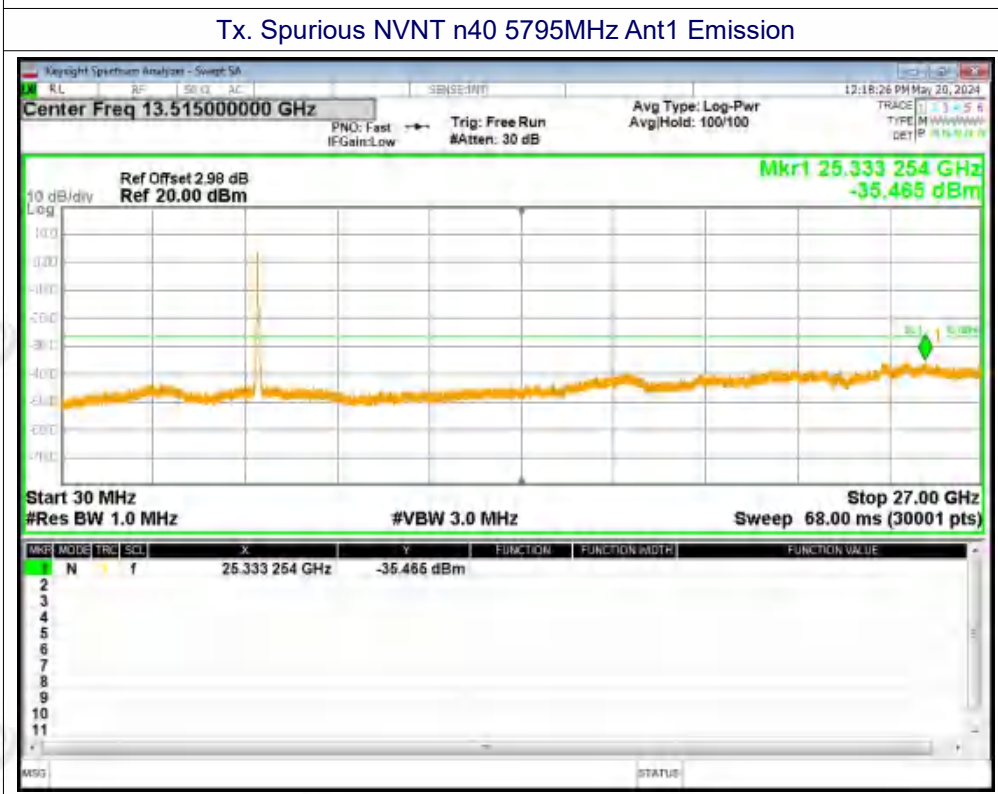




Tx. Spurious NVNT n40 5755MHz Ant1 Emission

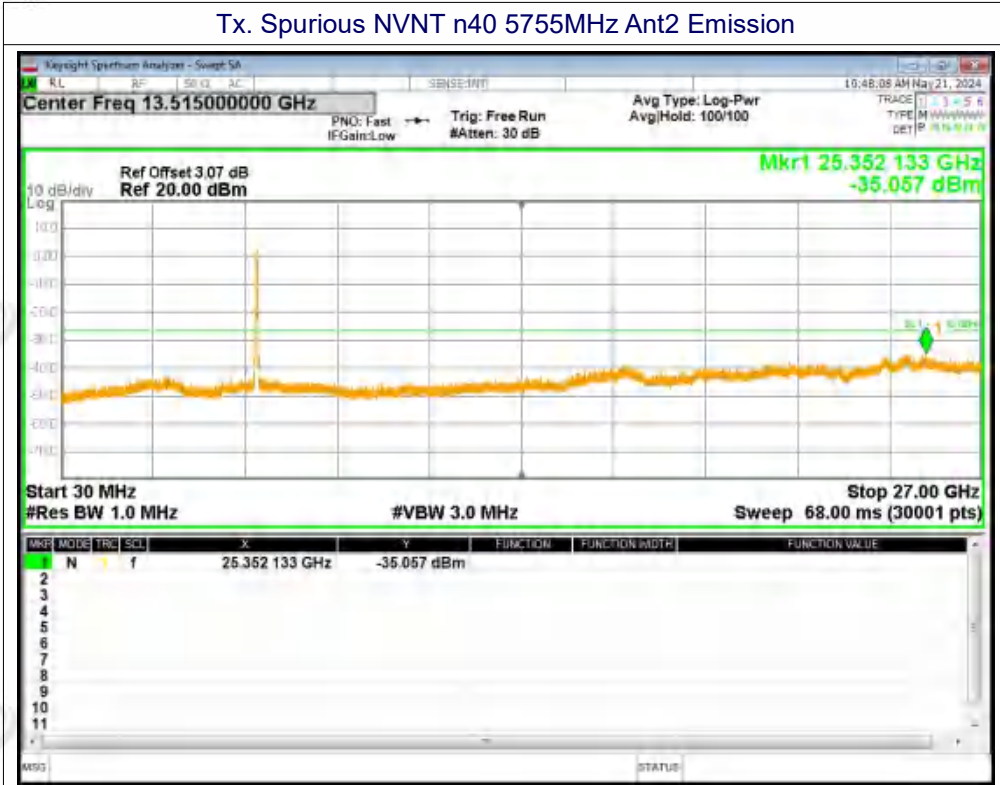


Tx. Spurious NVNT n40 5795MHz Ant1 Emission

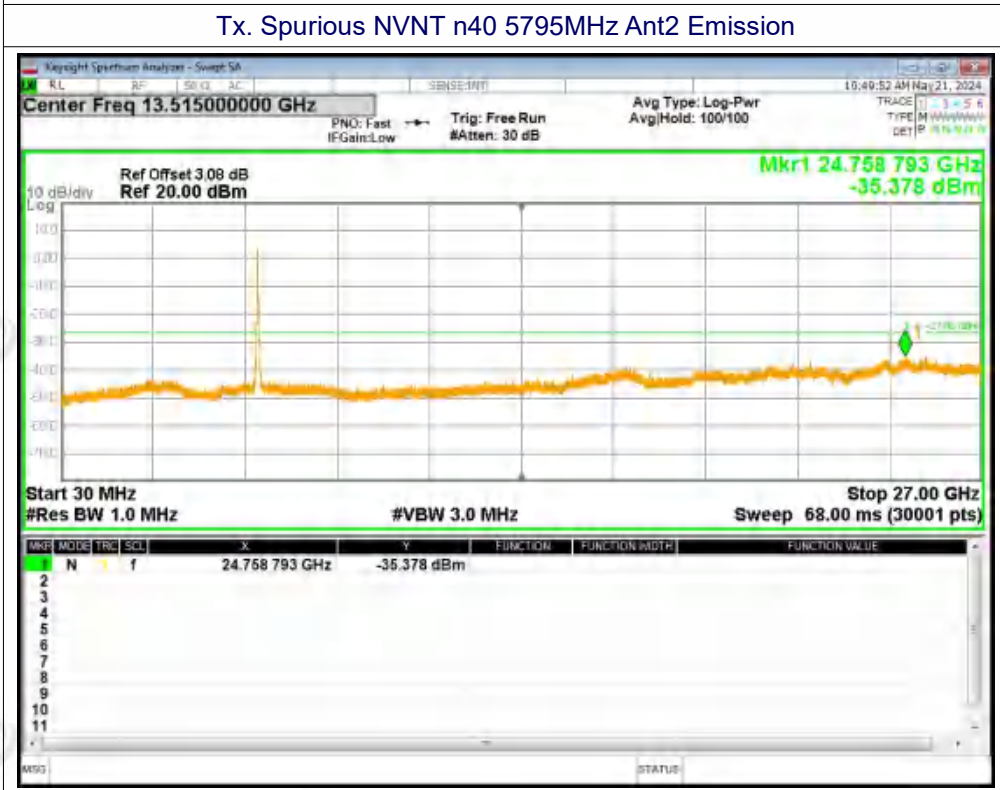




Tx. Spurious NVNT n40 5755MHz Ant2 Emission



Tx. Spurious NVNT n40 5795MHz Ant2 Emission

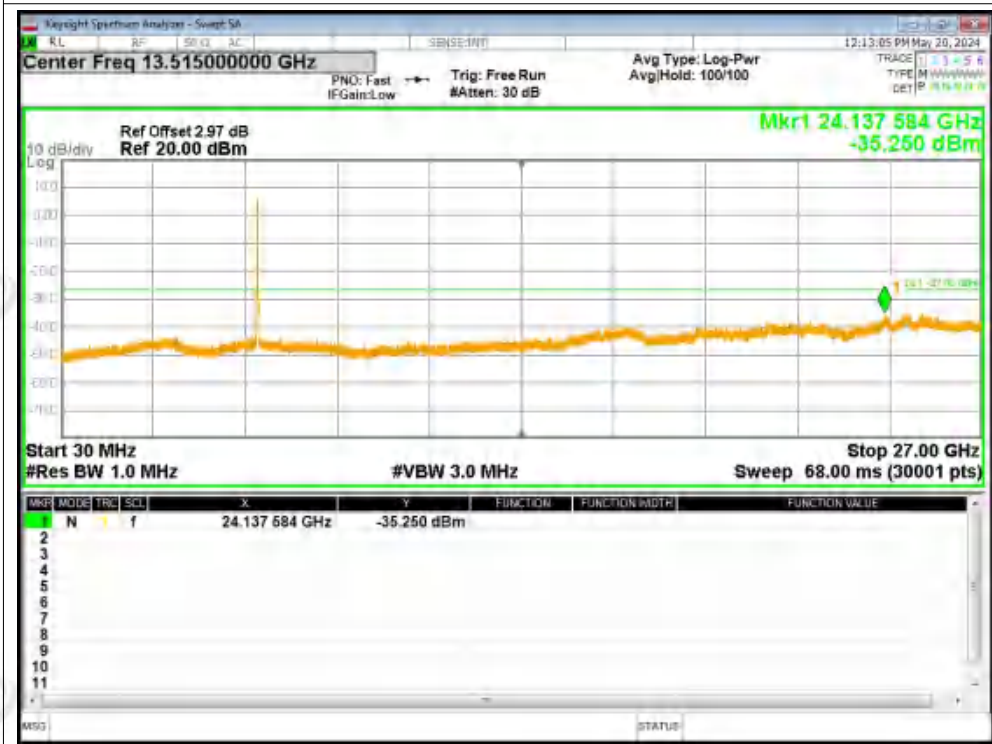




Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Tx. Spurious NVNT ac20 5785MHz Ant1 Emission

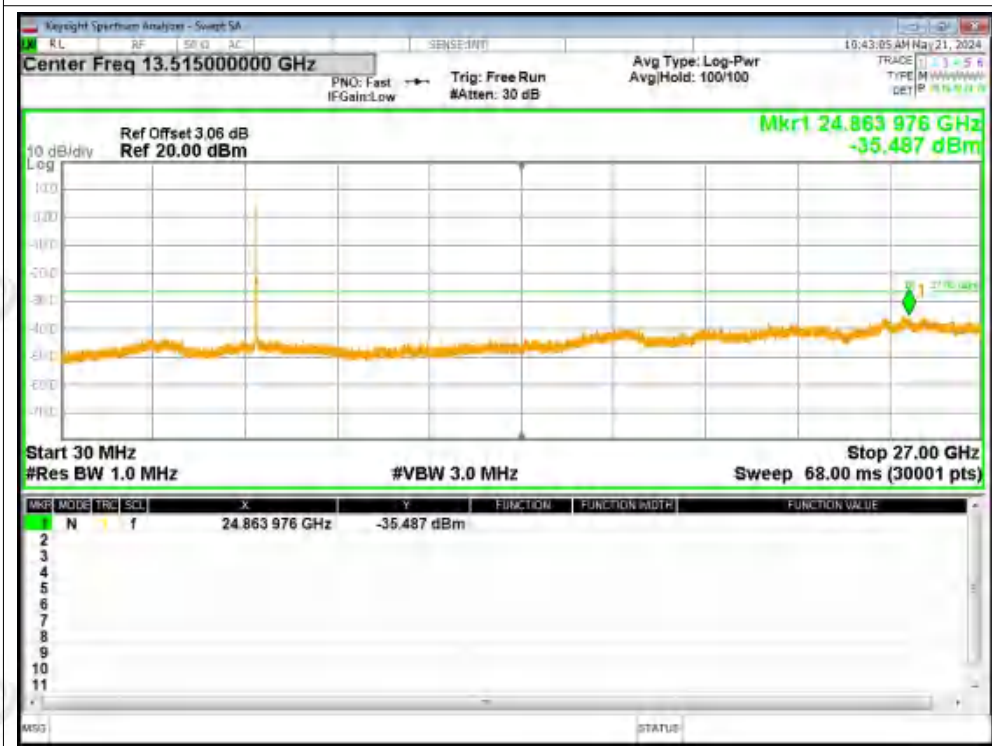




Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac20 5745MHz Ant2 Emission

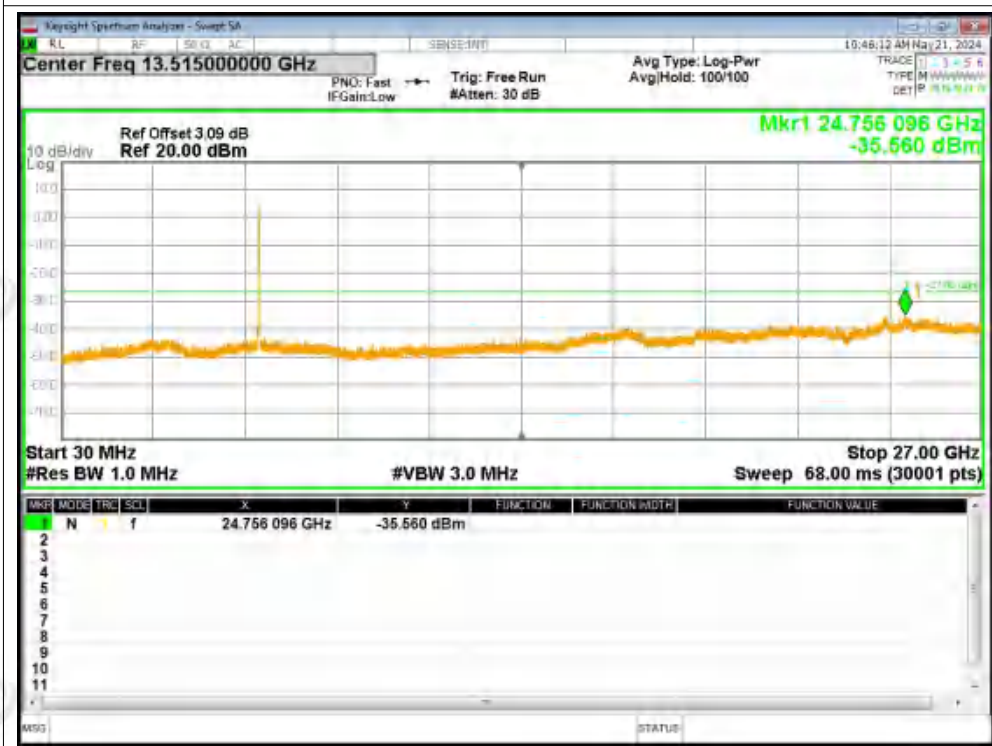




Tx. Spurious NVNT ac20 5785MHz Ant2 Emission

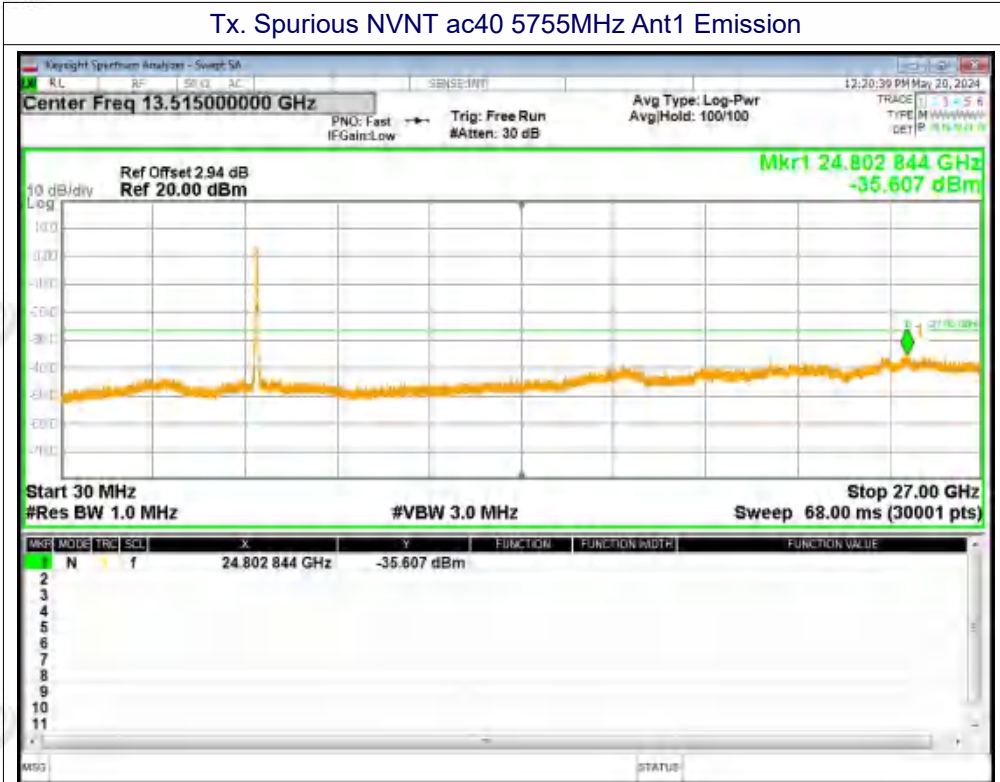


Tx. Spurious NVNT ac20 5825MHz Ant2 Emission

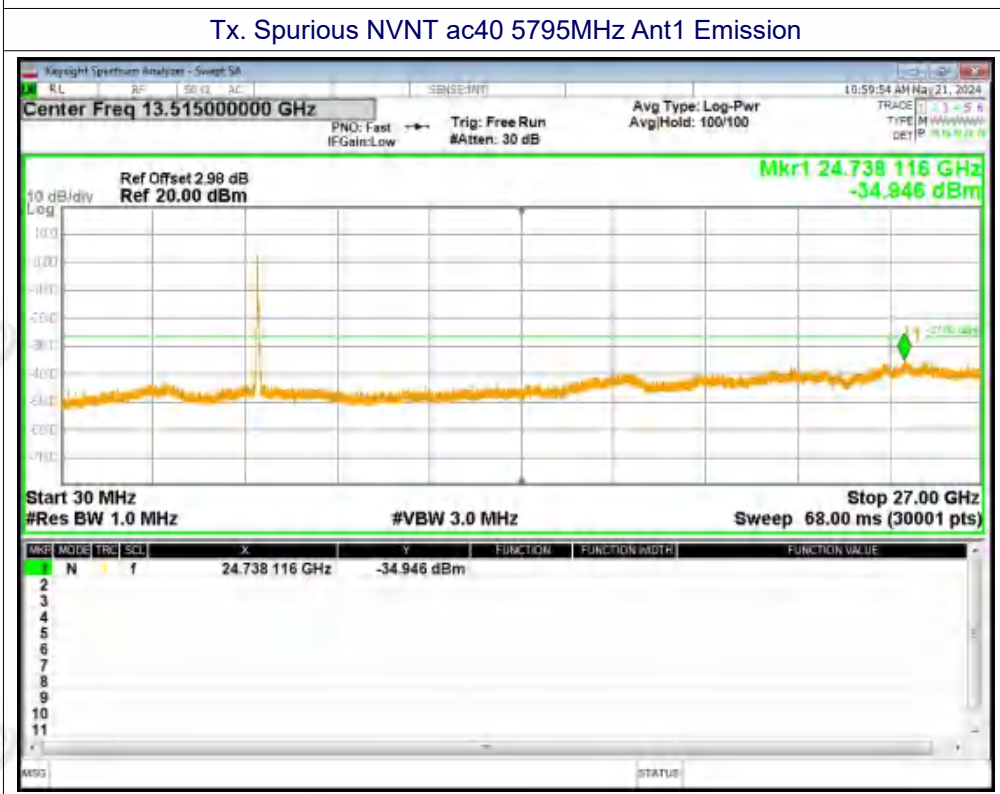




Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission

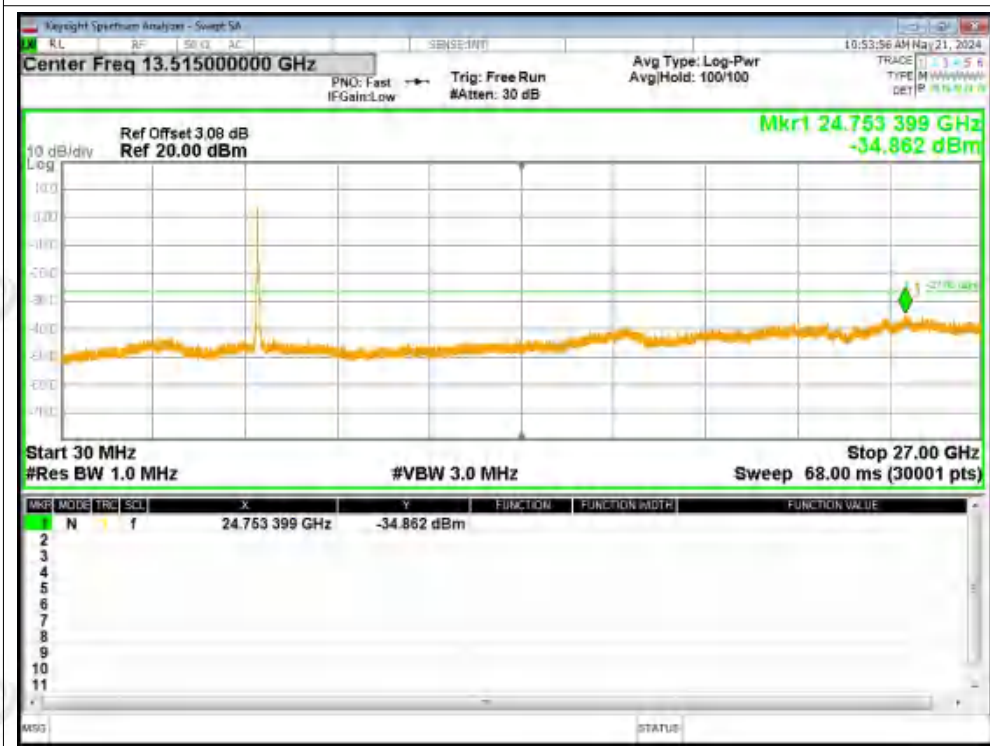




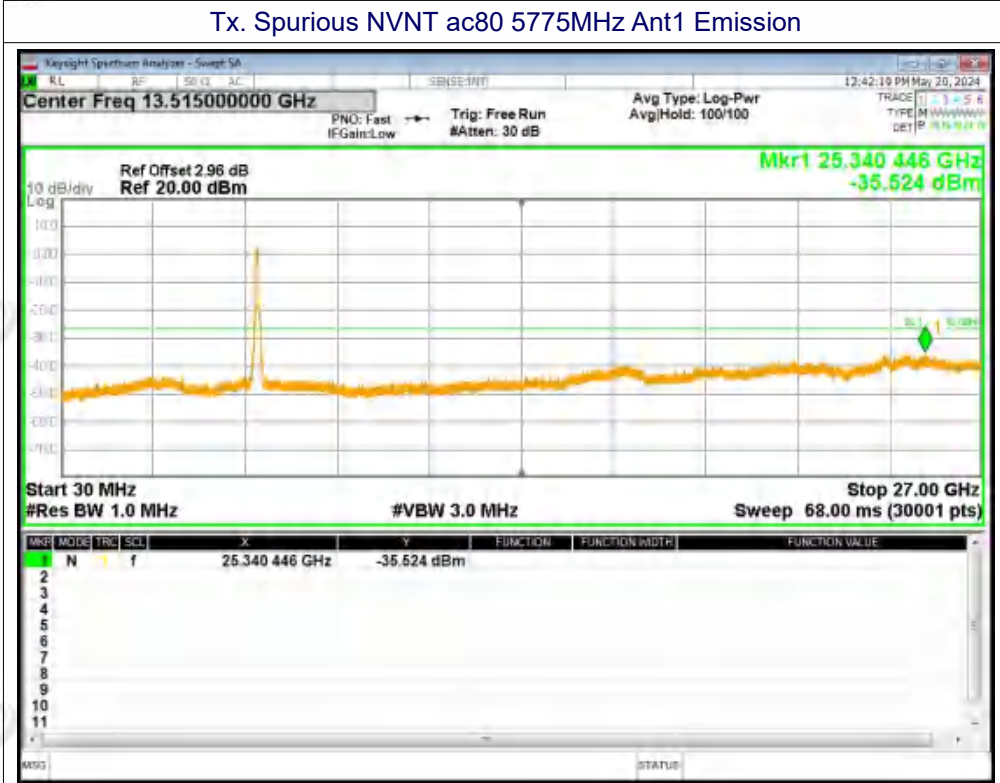
Tx. Spurious NVNT ac40 5755MHz Ant2 Emission



Tx. Spurious NVNT ac40 5795MHz Ant2 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant2 Emission

