

Appendix A for 5.8GWIFI Test Data

Product Name: MINIPC

Test Model: T8PLUS

Environmental Conditions

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

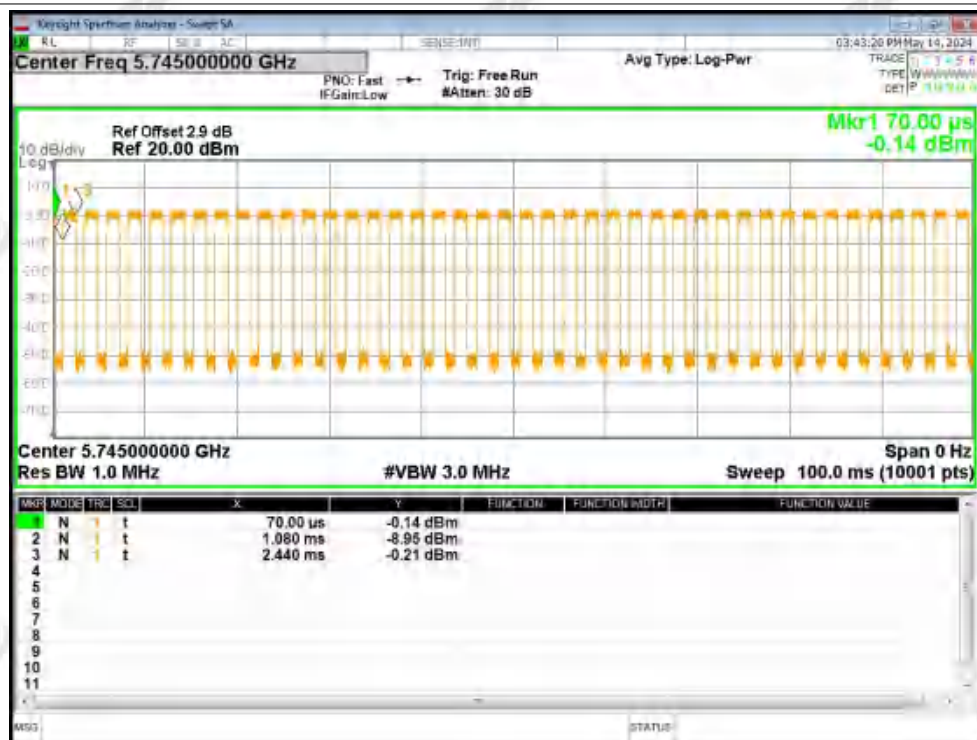


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B1. Duty Cycle

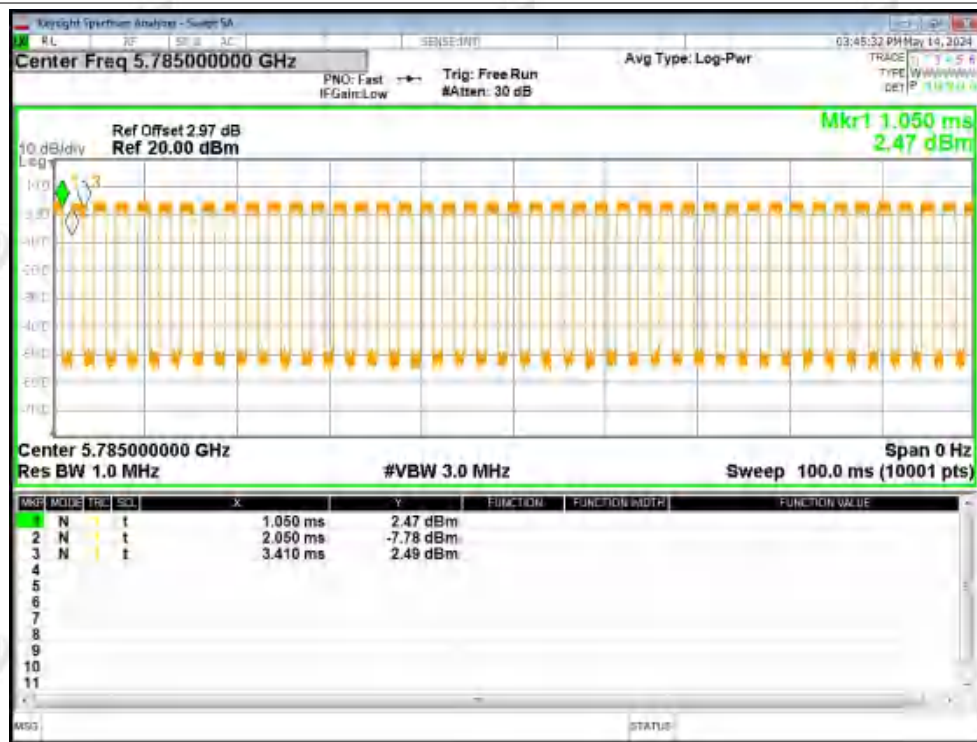
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	57.38	2.41	0.74
NVNT	a	5785	Ant1	57.63	2.39	0.74
NVNT	a	5825	Ant1	57.63	2.39	0.74
NVNT	a	5745	Ant2	57.63	2.39	0.74
NVNT	a	5785	Ant2	57.63	2.39	0.74
NVNT	a	5825	Ant2	57.63	2.39	0.74
NVNT	n20	5745	Ant1	55.7	2.54	0.79
NVNT	n20	5785	Ant1	55.95	2.52	0.79
NVNT	n20	5825	Ant1	55.7	2.54	0.79
NVNT	n20	5745	Ant2	53.49	2.72	0.87
NVNT	n20	5785	Ant2	53.49	2.72	0.87
NVNT	n20	5825	Ant2	53.49	2.72	0.87
NVNT	n40	5755	Ant1	38.41	4.16	1.59
NVNT	n40	5795	Ant1	38.65	4.13	1.59
NVNT	n40	5755	Ant2	36.08	4.43	1.75
NVNT	n40	5795	Ant2	36.08	4.43	1.75
NVNT	ac20	5745	Ant1	56.14	2.51	0.78
NVNT	ac20	5785	Ant1	55.9	2.53	0.78
NVNT	ac20	5825	Ant1	56.14	2.51	0.78
NVNT	ac20	5745	Ant2	53.49	2.72	0.87
NVNT	ac20	5785	Ant2	53.7	2.7	0.86
NVNT	ac20	5825	Ant2	53.24	2.74	0.87
NVNT	ac40	5755	Ant1	39.02	4.09	1.56
NVNT	ac40	5795	Ant1	39.02	4.09	1.56
NVNT	ac40	5755	Ant2	36.71	4.35	1.72
NVNT	ac40	5795	Ant2	36.71	4.35	1.72
NVNT	ac80	5775	Ant1	24.24	6.15	3.12
NVNT	ac80	5775	Ant2	22.31	6.52	3.45

Test Graphs

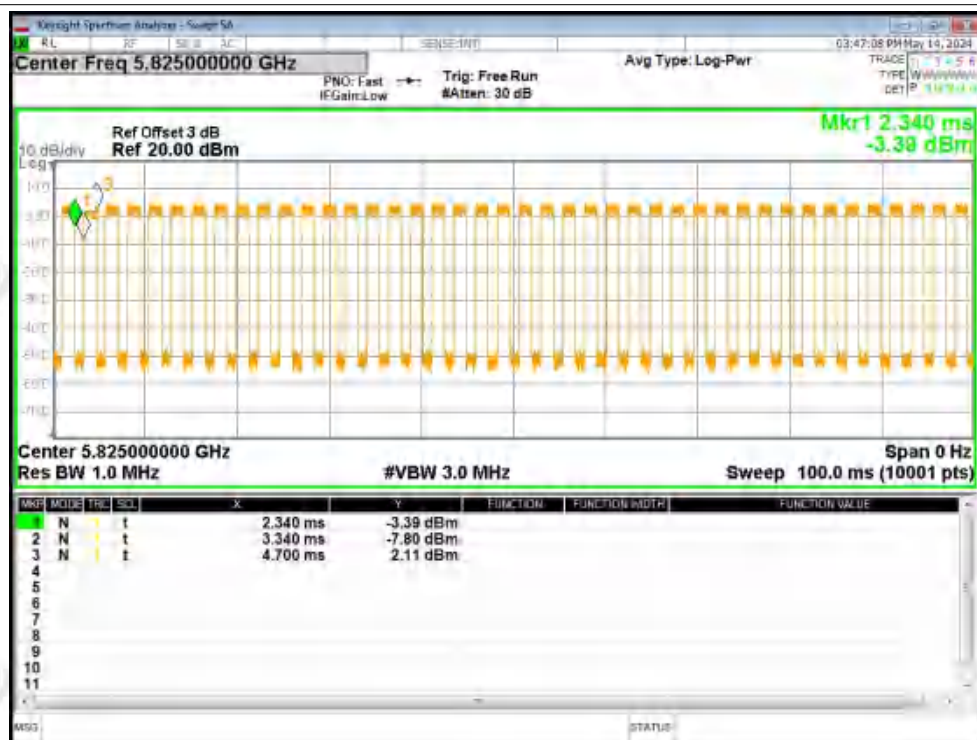
Duty Cycle NVNT a 5745MHz Ant1



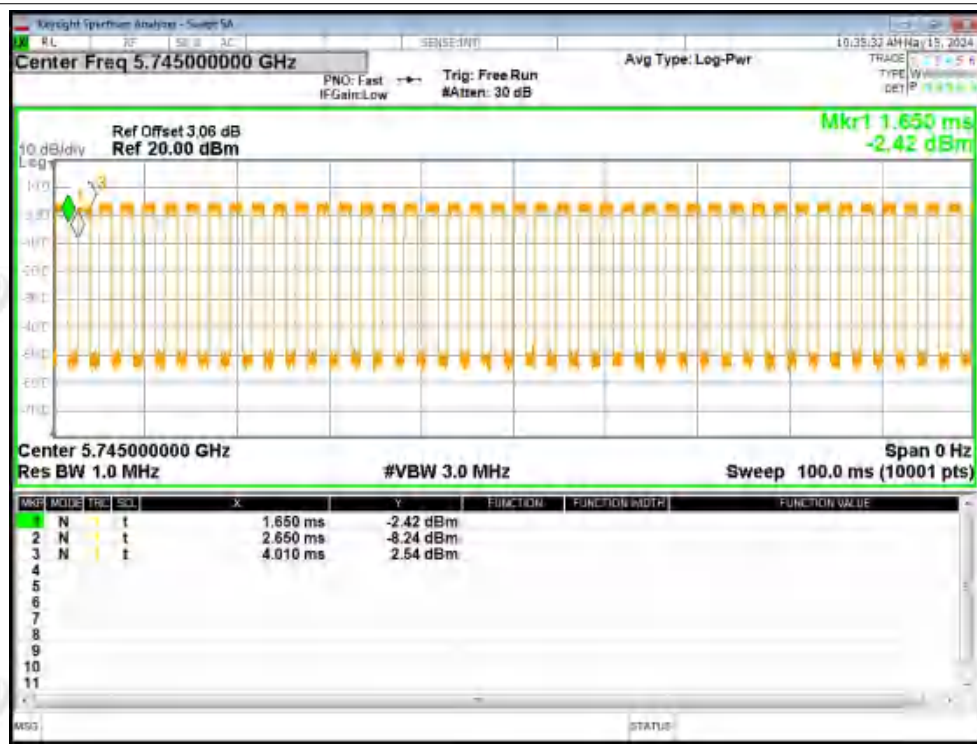
Duty Cycle NVNT a 5785MHz Ant1



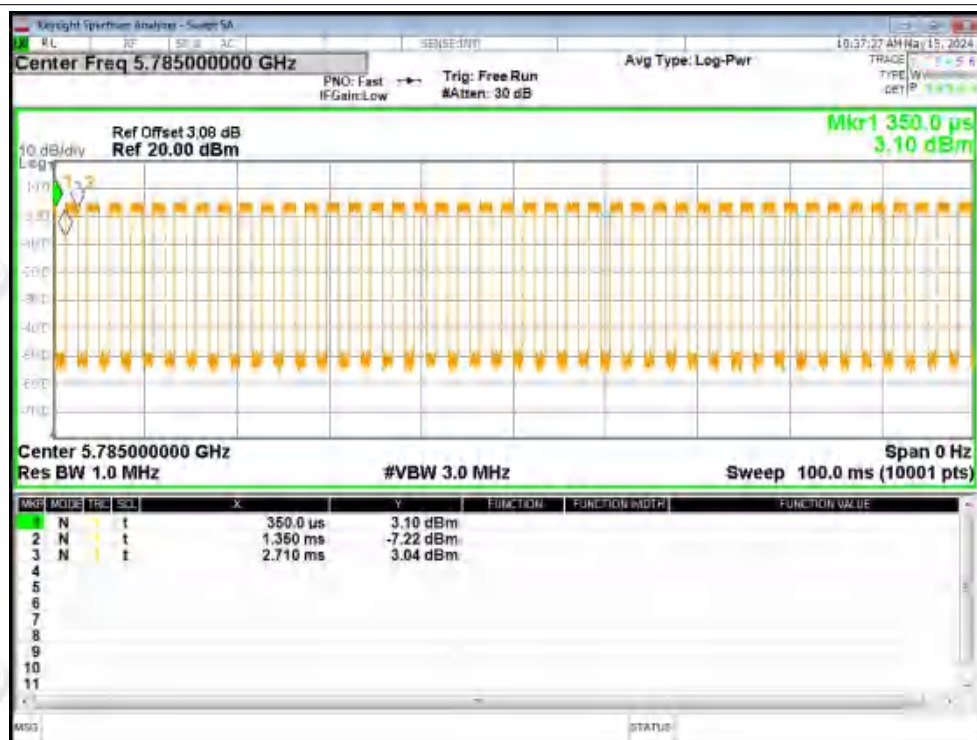
Duty Cycle NVNT a 5825MHz Ant1



Duty Cycle NVNT a 5745MHz Ant2



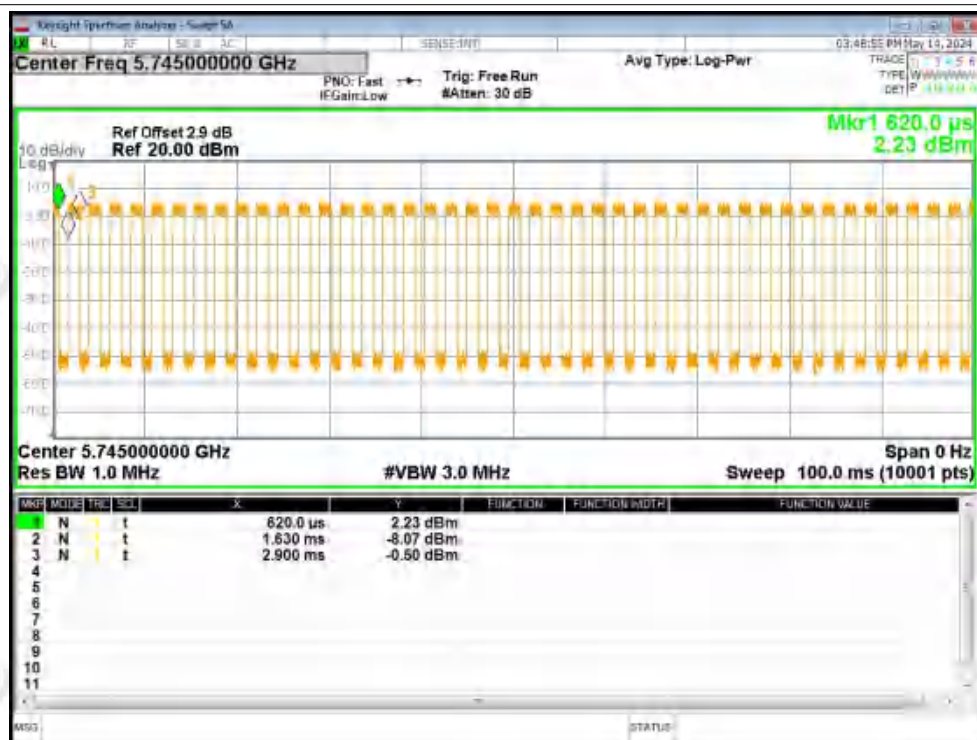
Duty Cycle NVNT a 5785MHz Ant2



Duty Cycle NVNT a 5825MHz Ant2



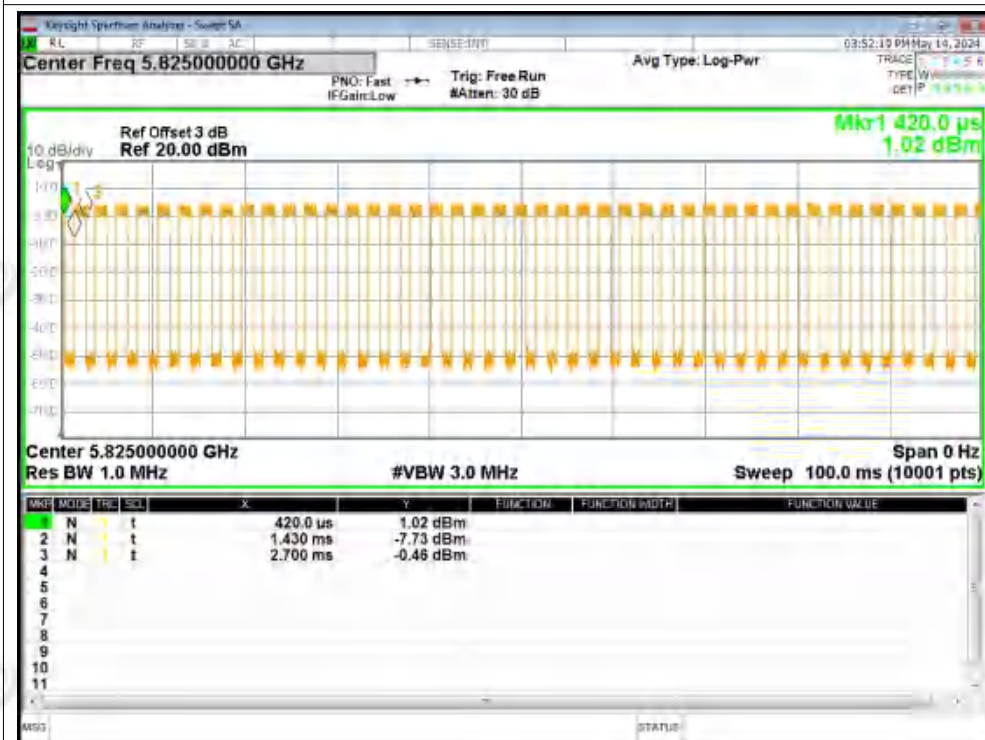
Duty Cycle NVNT n20 5745MHz Ant1



Duty Cycle NVNT n20 5785MHz Ant1



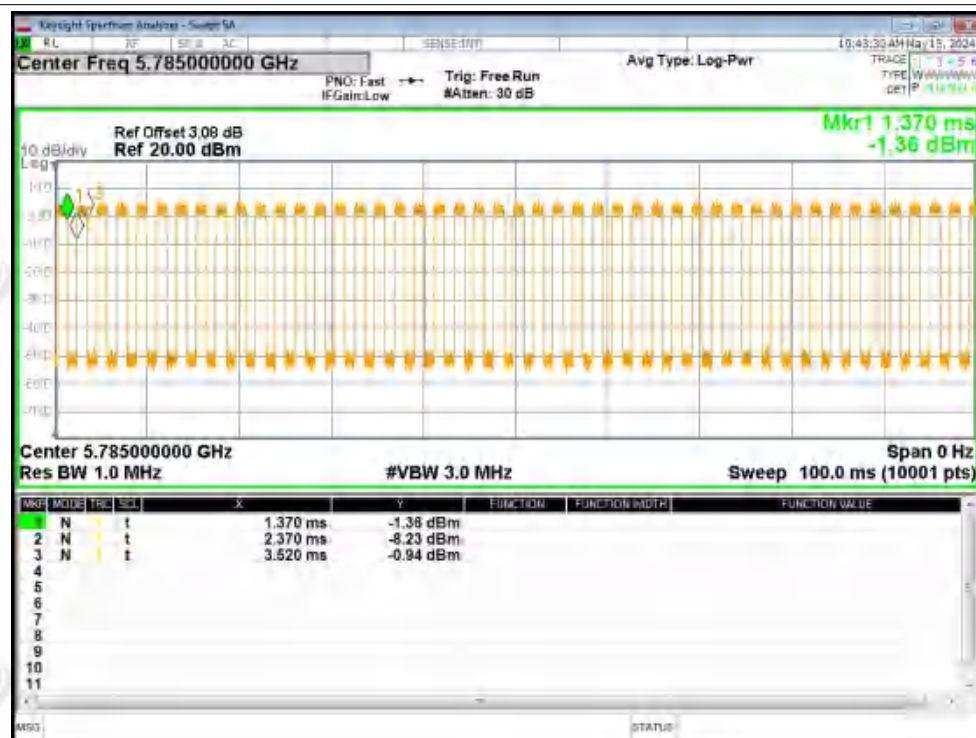
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant2



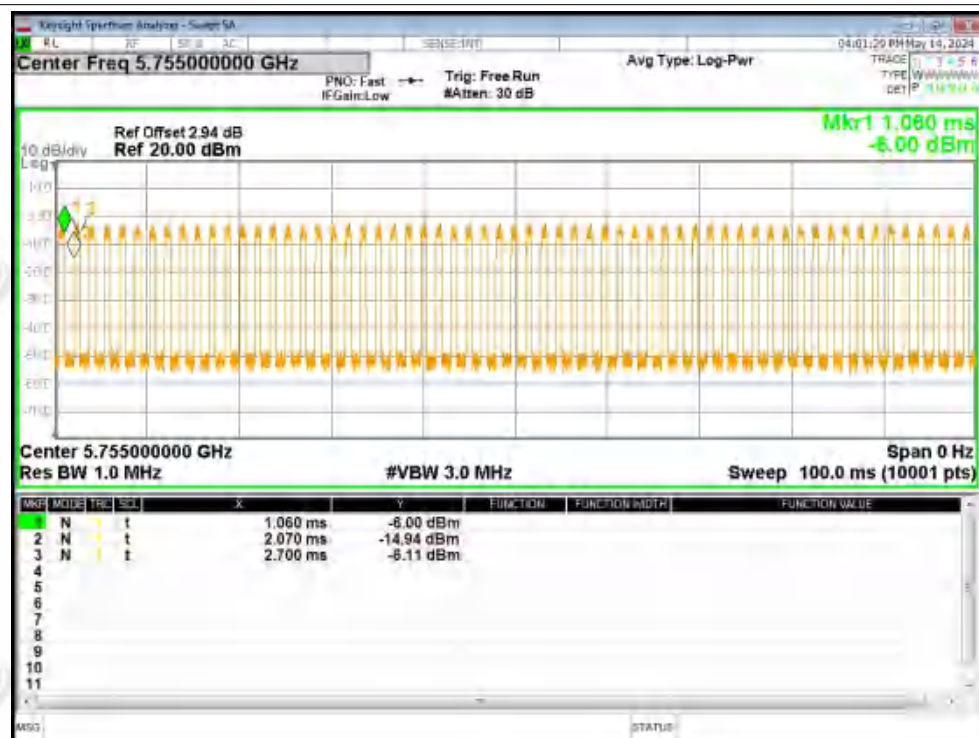
Duty Cycle NVNT n20 5785MHz Ant2



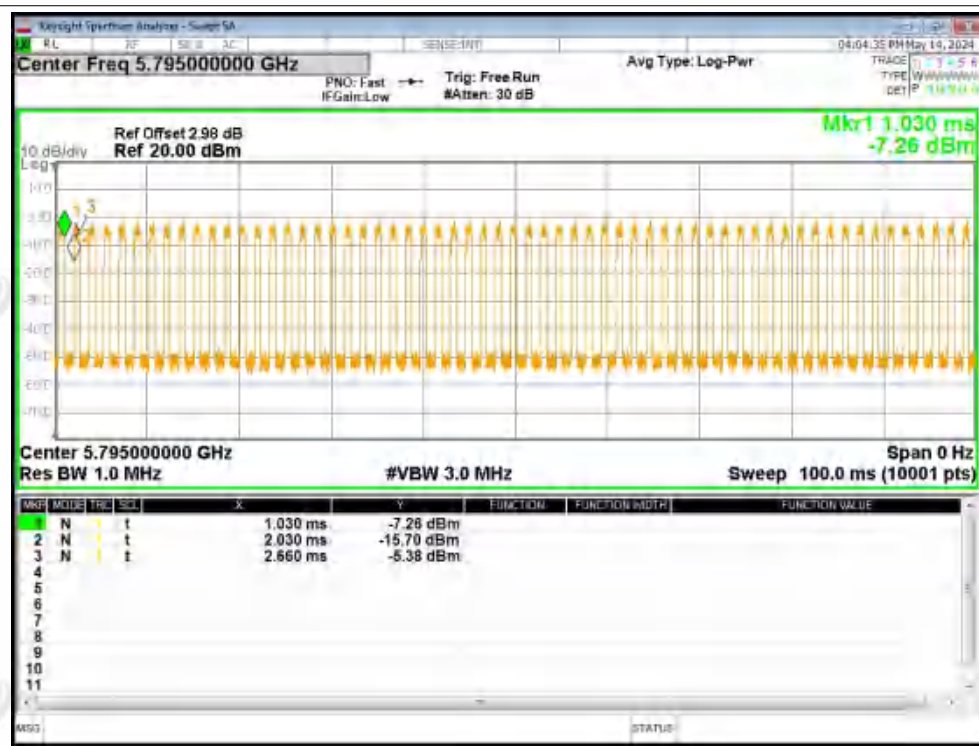
Duty Cycle NVNT n20 5825MHz Ant2



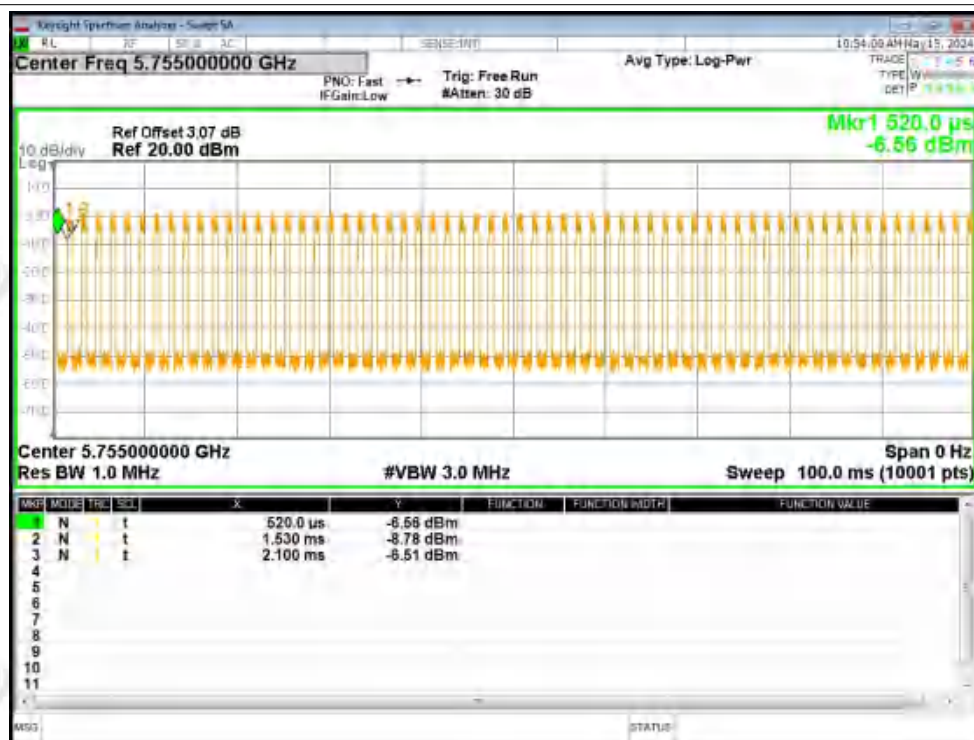
Duty Cycle NVNT n40 5755MHz Ant1



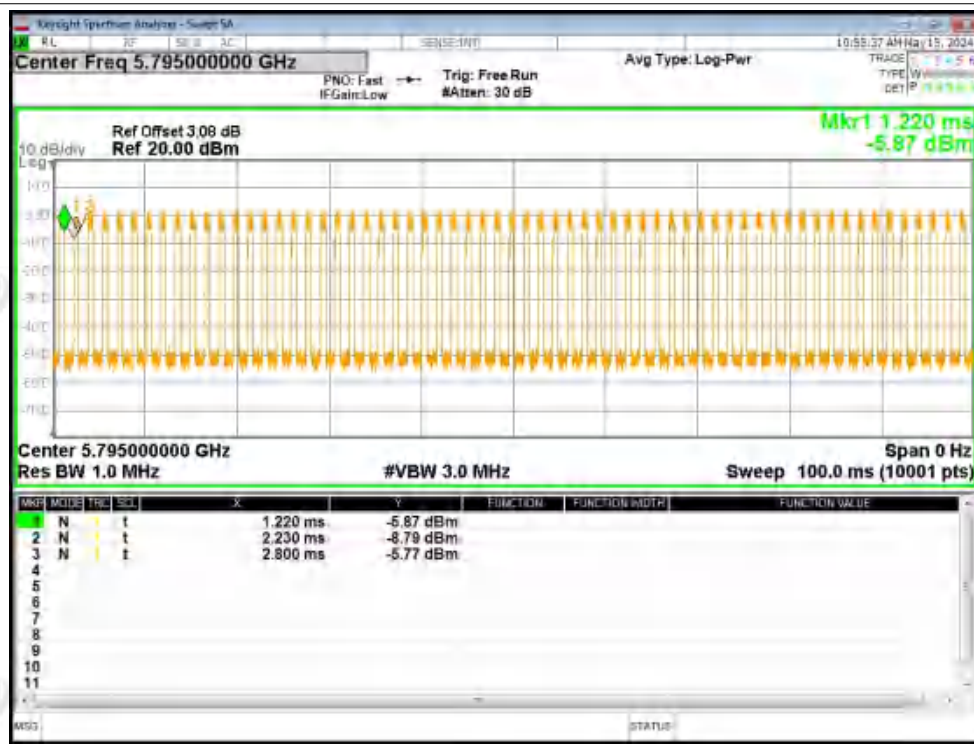
Duty Cycle NVNT n40 5795MHz Ant1



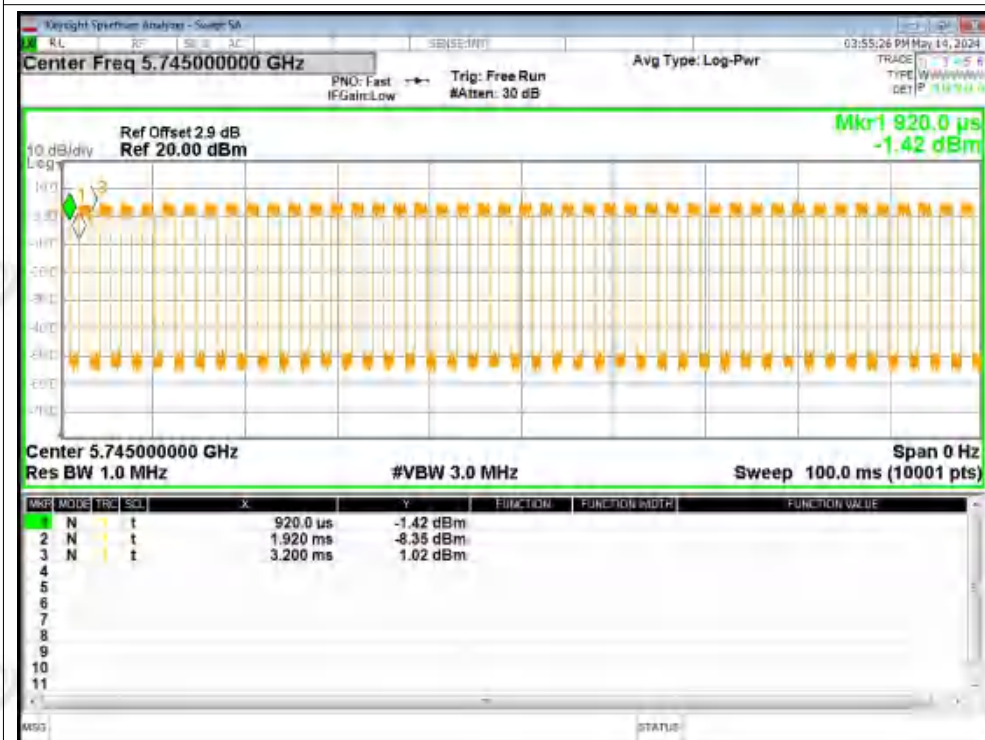
Duty Cycle NVNT n40 5755MHz Ant2



Duty Cycle NVNT n40 5795MHz Ant2



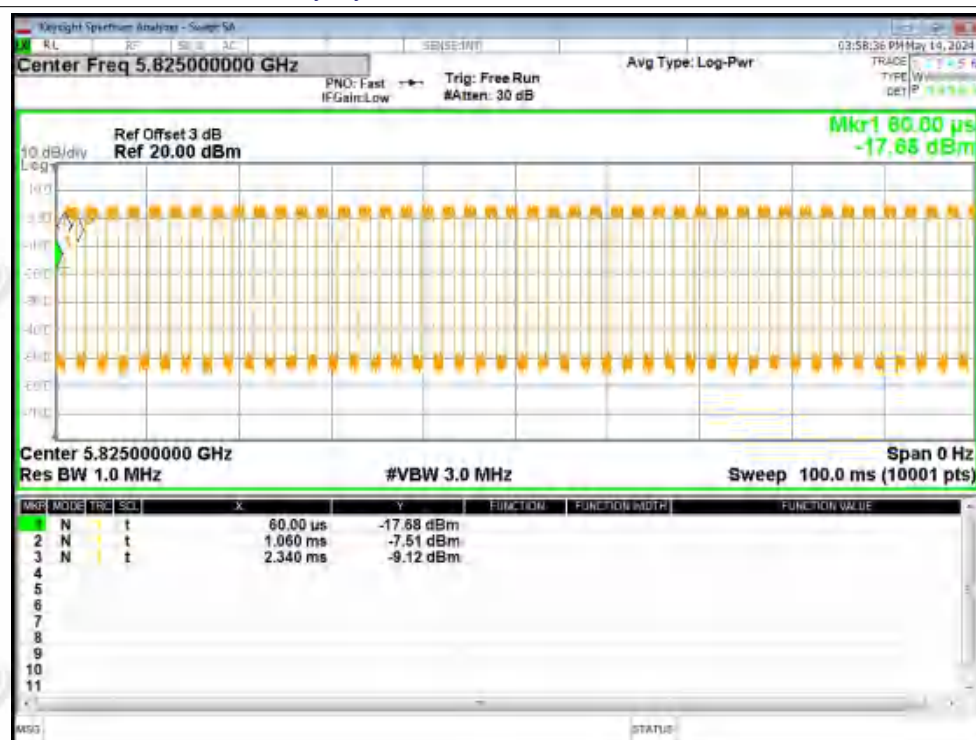
Duty Cycle NVNT ac20 5745MHz Ant1



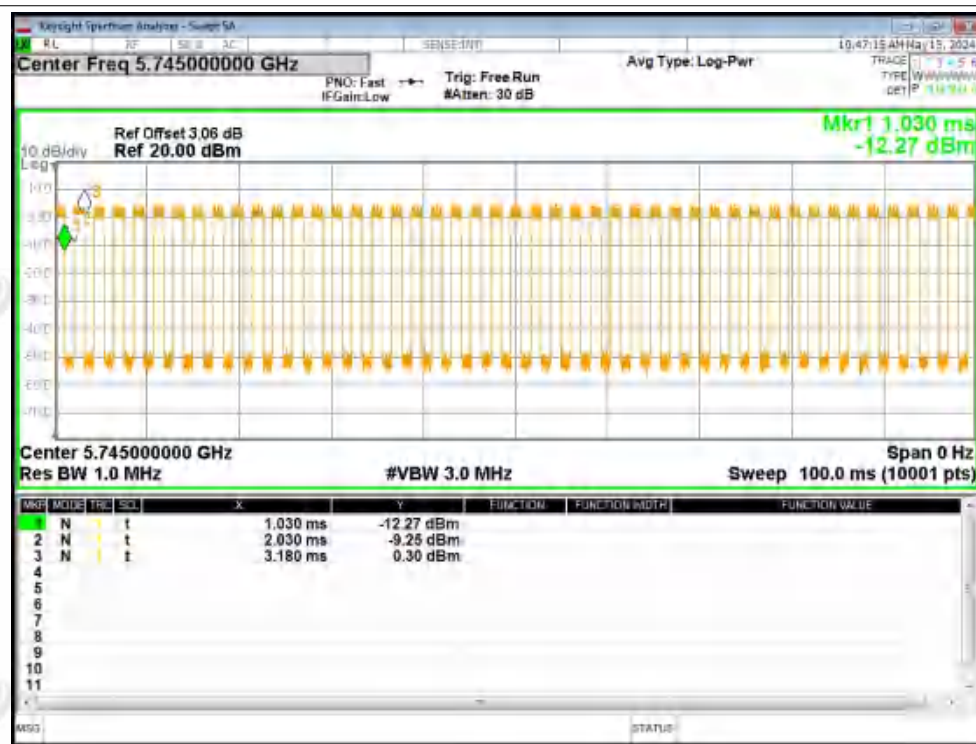
Duty Cycle NVNT ac20 5785MHz Ant1



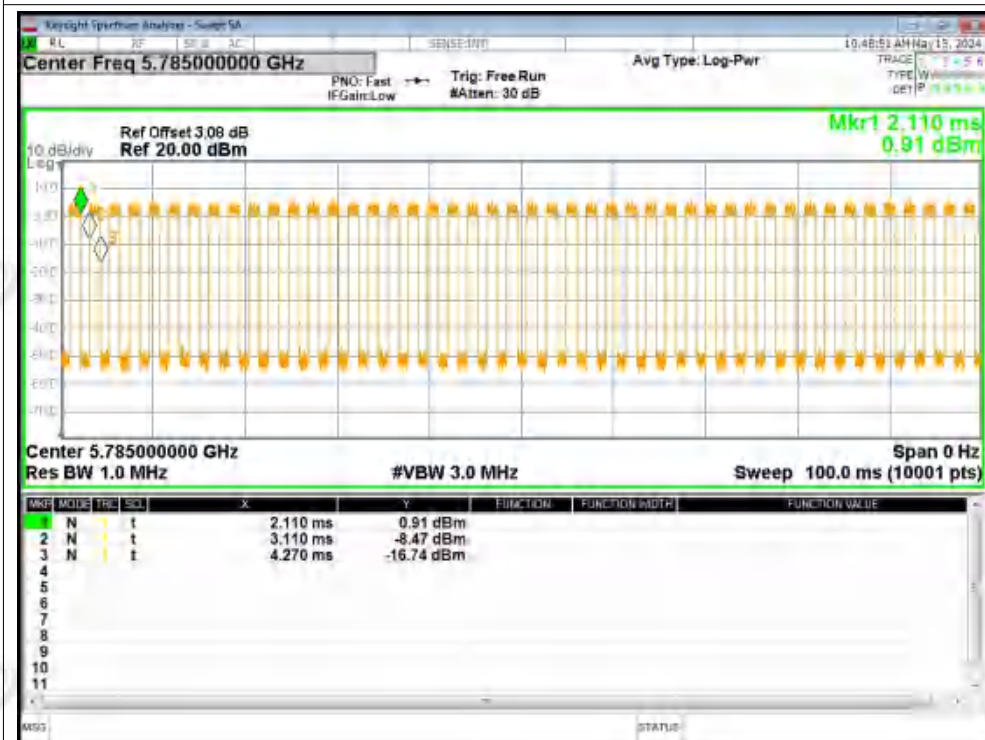
Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac20 5745MHz Ant2



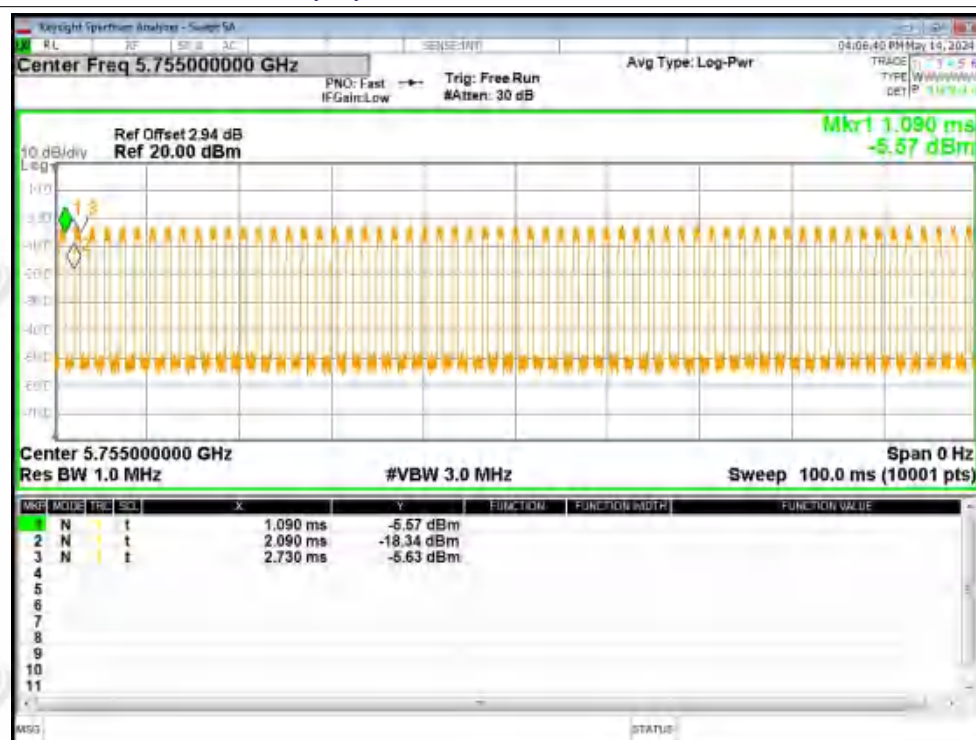
Duty Cycle NVNT ac20 5785MHz Ant2



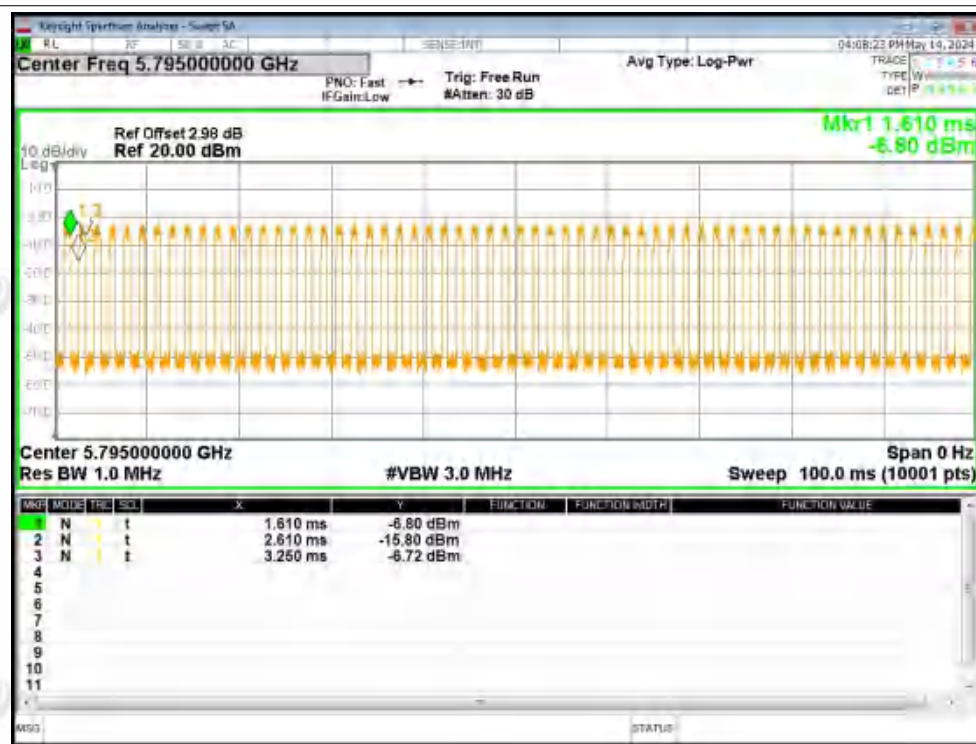
Duty Cycle NVNT ac20 5825MHz Ant2



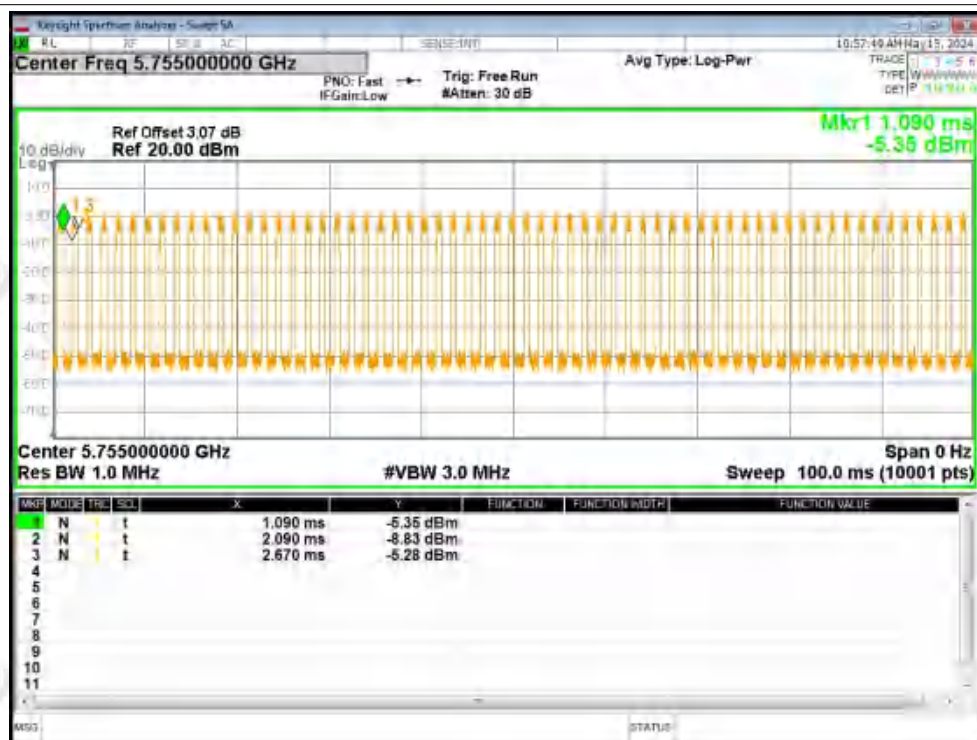
Duty Cycle NVNT ac40 5755MHz Ant1



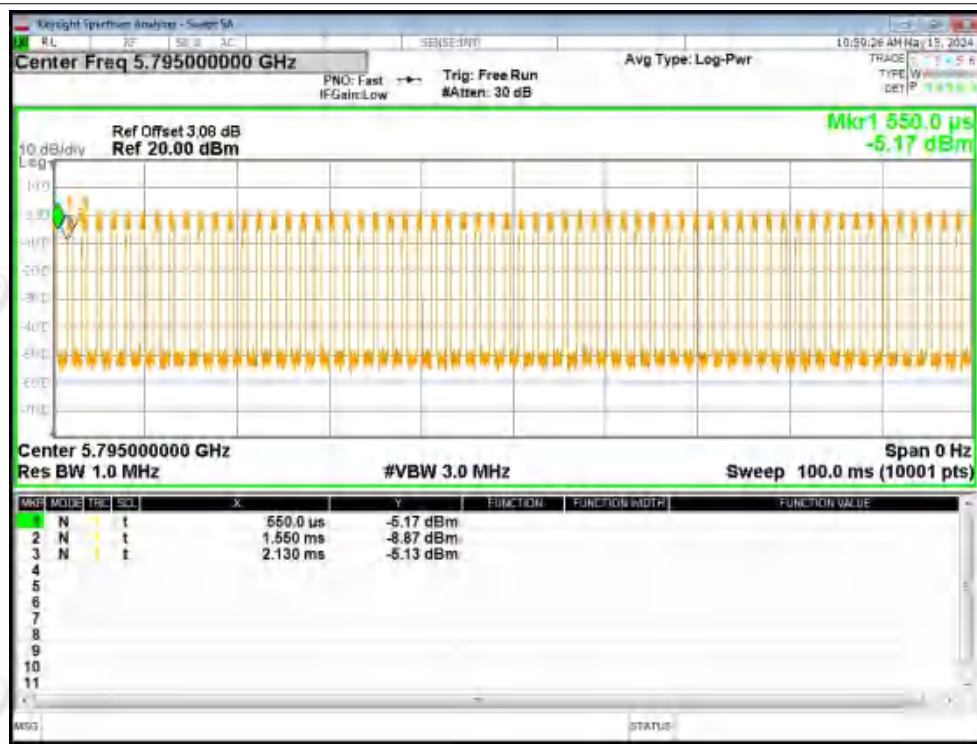
Duty Cycle NVNT ac40 5795MHz Ant1



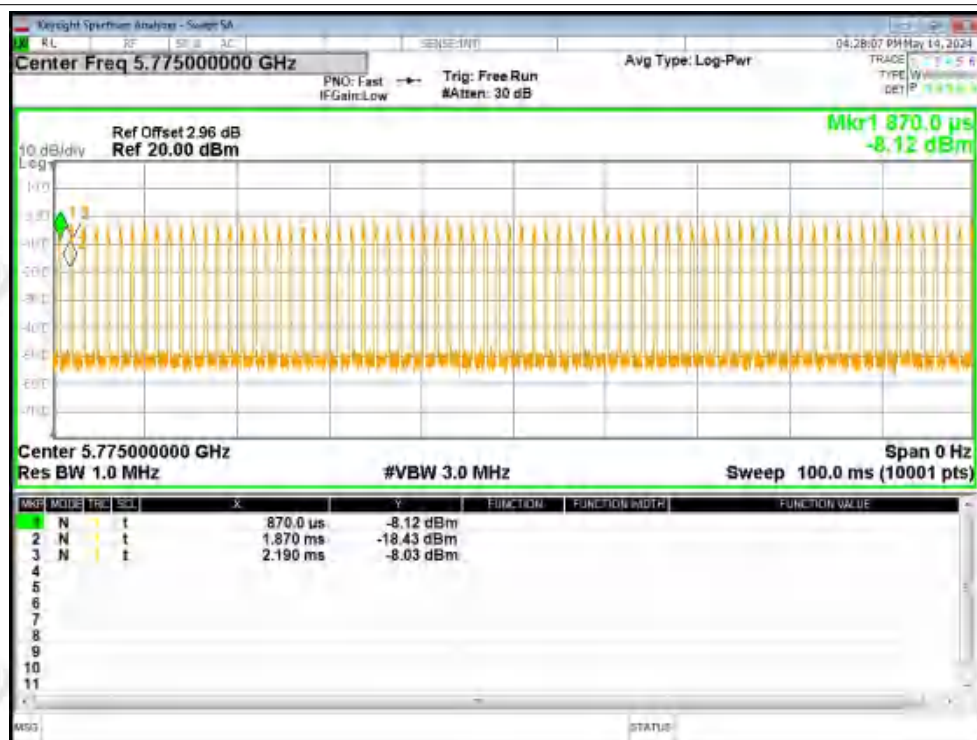
Duty Cycle NVNT ac40 5755MHz Ant2



Duty Cycle NVNT ac40 5795MHz Ant2



Duty Cycle NVNT ac80 5775MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant2





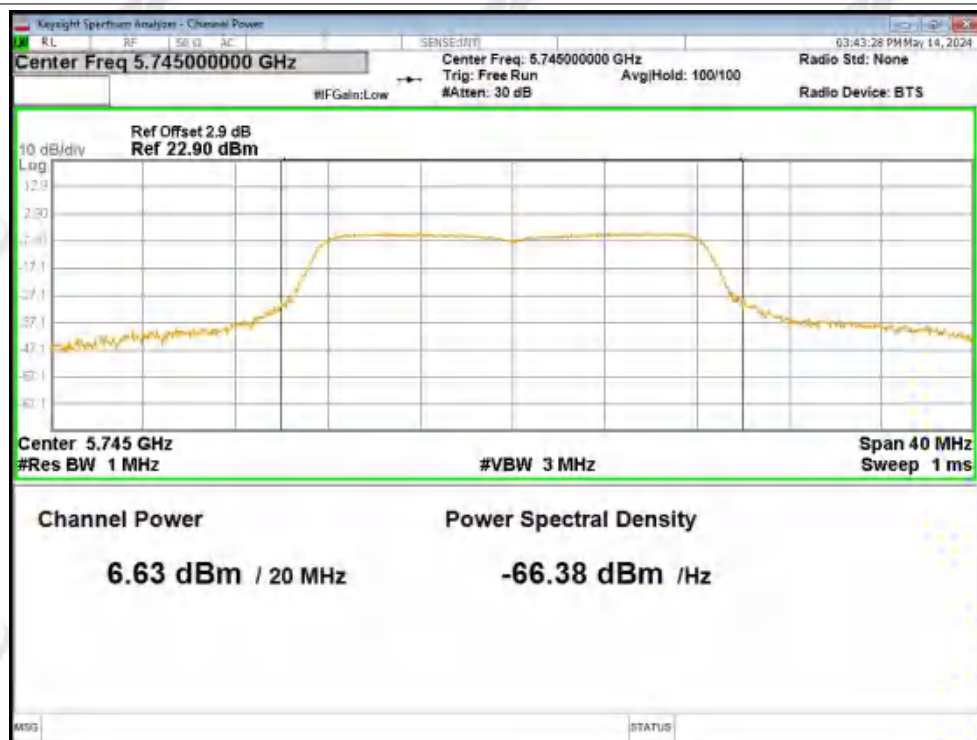
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B2. Maximum Conducted Output Power

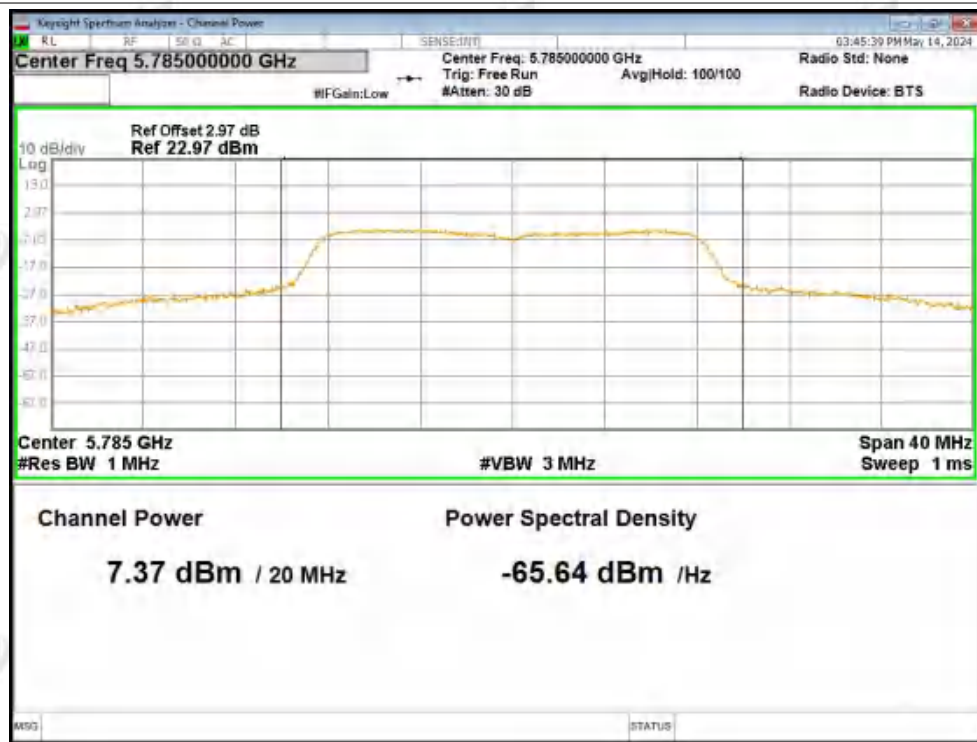
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	6.63	2.41	9.04	30	Pass
NVNT	a	5785	Ant1	7.37	2.39	9.76	30	Pass
NVNT	a	5825	Ant1	7.73	2.39	10.12	30	Pass
NVNT	a	5745	Ant2	9.01	0	9.01	30	Pass
NVNT	a	5785	Ant2	8.38	2.39	10.77	30	Pass
NVNT	a	5825	Ant2	9.47	2.39	11.86	30	Pass
NVNT	n20	5745	Ant1	8.23	2.54	10.77	30	Pass
NVNT	n20	5785	Ant1	8.36	2.52	10.88	30	Pass
NVNT	n20	5825	Ant1	8.02	2.54	10.56	30	Pass
NVNT	n20	5745	Ant2	8.07	2.72	10.79	30	Pass
NVNT	n20	5785	Ant2	7.39	2.72	10.11	30	Pass
NVNT	n20	5825	Ant2	7.15	2.72	9.87	30	Pass
NVNT	n40	5755	Ant1	5.36	4.16	9.52	30	Pass
NVNT	n40	5795	Ant1	5.07	4.13	9.2	30	Pass
NVNT	n40	5755	Ant2	5.85	4.43	10.28	30	Pass
NVNT	n40	5795	Ant2	7.1	4.43	11.53	30	Pass
NVNT	ac20	5745	Ant1	8.13	2.51	10.64	30	Pass
NVNT	ac20	5785	Ant1	7.96	2.53	10.49	30	Pass
NVNT	ac20	5825	Ant1	8.17	2.51	10.68	30	Pass
NVNT	ac20	5745	Ant2	7.09	2.72	9.81	30	Pass
NVNT	ac20	5785	Ant2	8.18	2.7	10.88	30	Pass
NVNT	ac20	5825	Ant2	6.85	2.74	9.59	30	Pass
NVNT	ac40	5755	Ant1	5.38	4.09	9.47	30	Pass
NVNT	ac40	5795	Ant1	5.53	4.09	9.62	30	Pass
NVNT	ac40	5755	Ant2	6.77	4.35	11.12	30	Pass
NVNT	ac40	5795	Ant2	7.17	4.35	11.52	30	Pass
NVNT	ac80	5775	Ant1	5.15	6.15	11.3	30	Pass
NVNT	ac80	5775	Ant2	5.23	6.52	11.75	30	Pass

Test Graphs

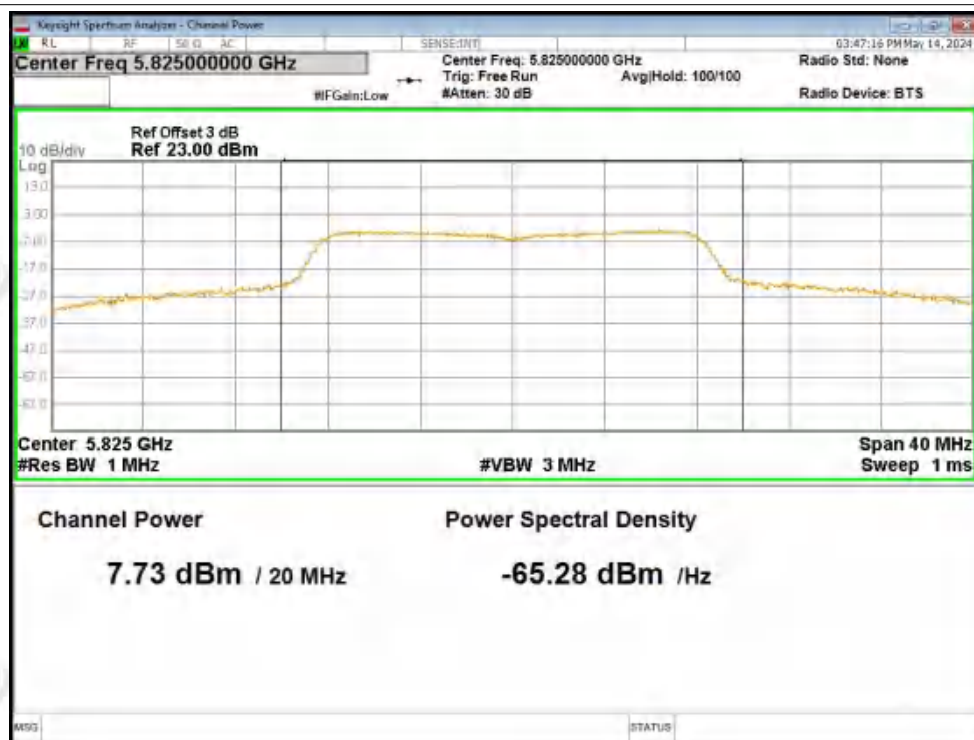
Power NVNT a 5745MHz Ant1



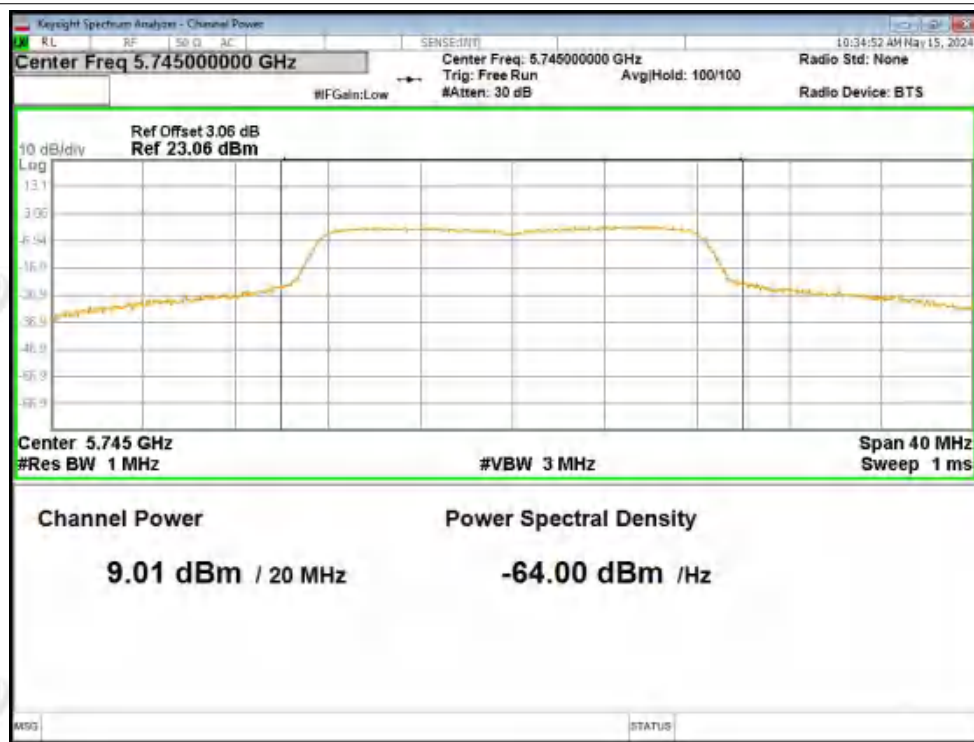
Power NVNT a 5785MHz Ant1



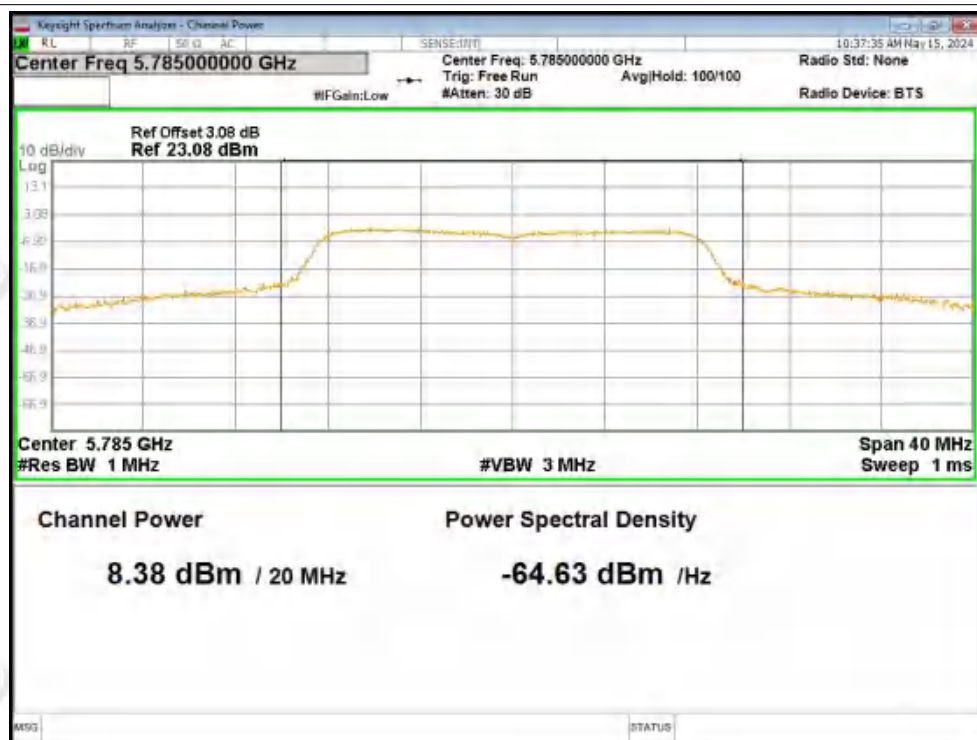
Power NVNT a 5825MHz Ant1



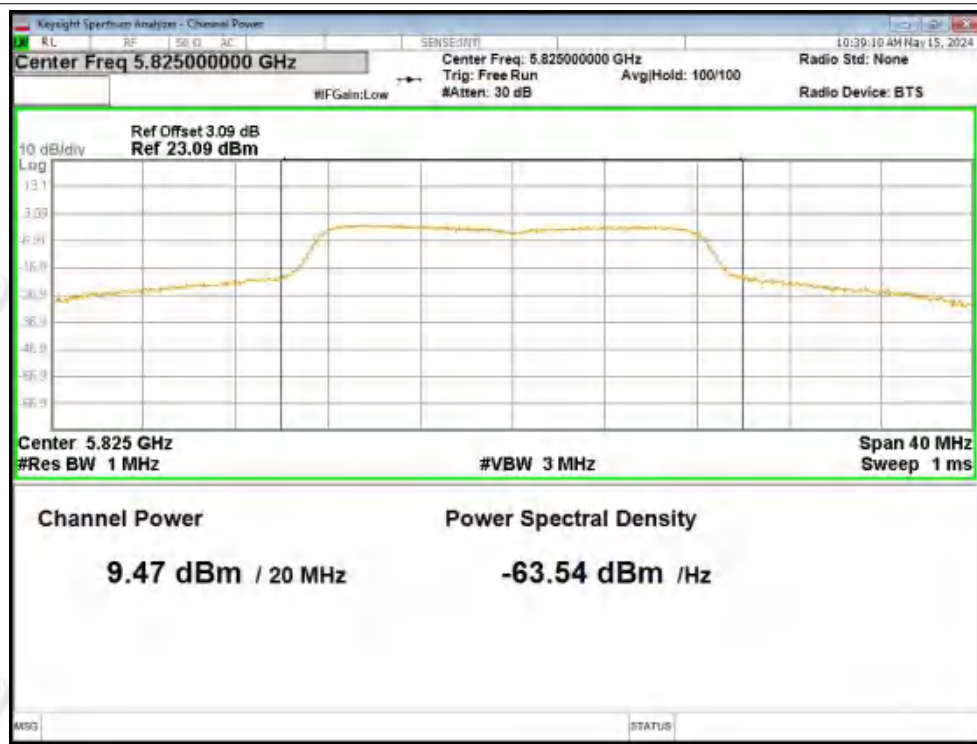
Power NVNT a 5745MHz Ant2



Power NVNT a 5785MHz Ant2

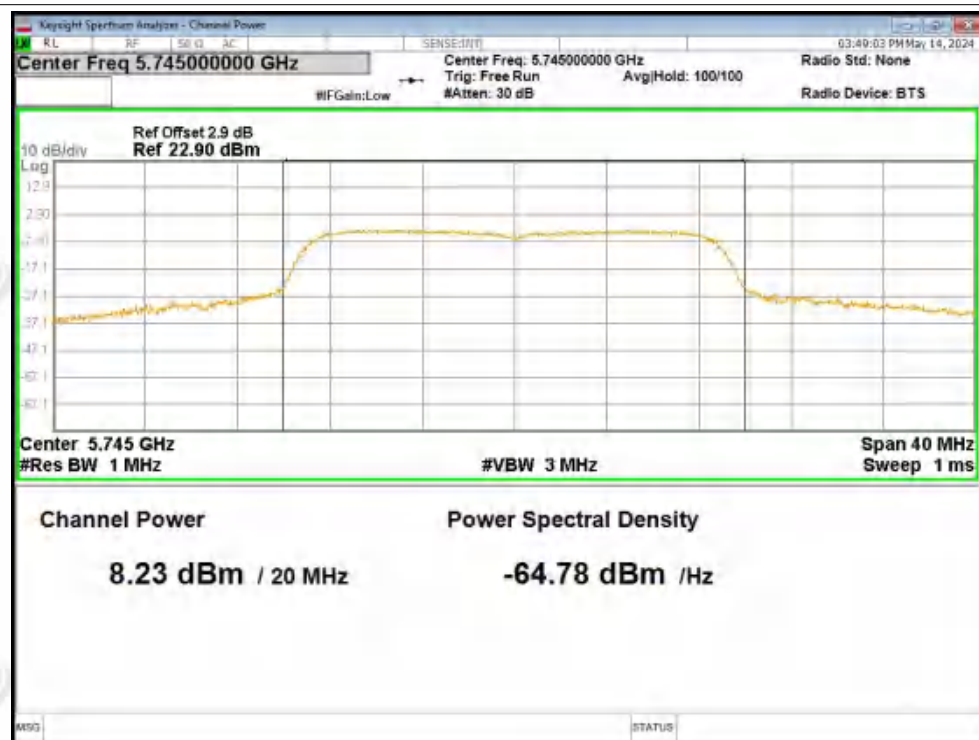


Power NVNT a 5825MHz Ant2

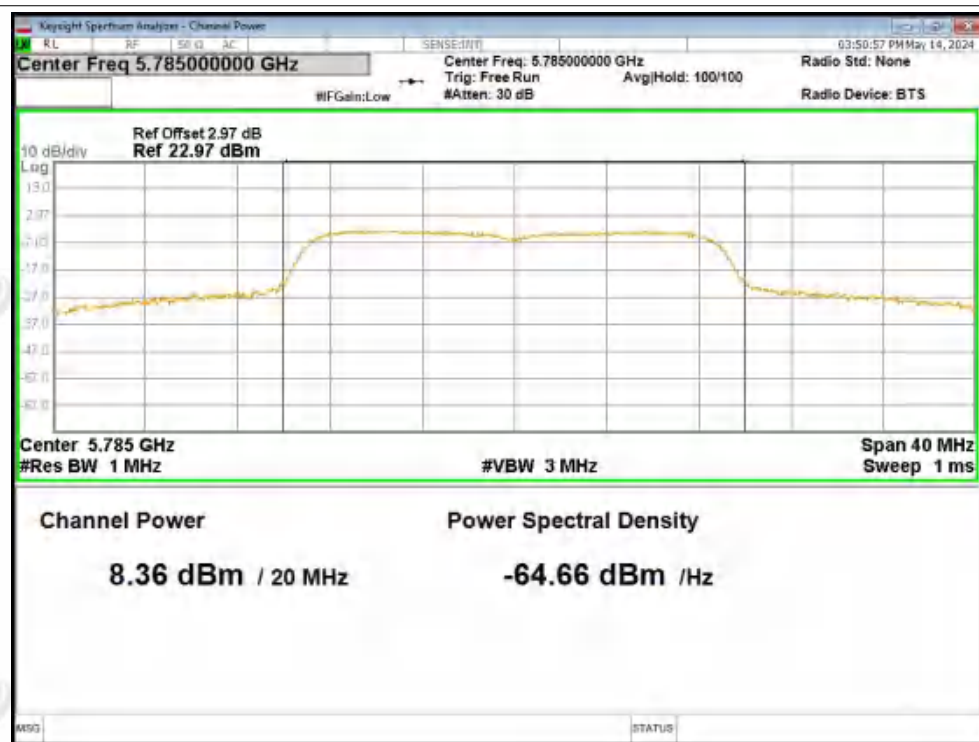




Power NVNT n20 5745MHz Ant1

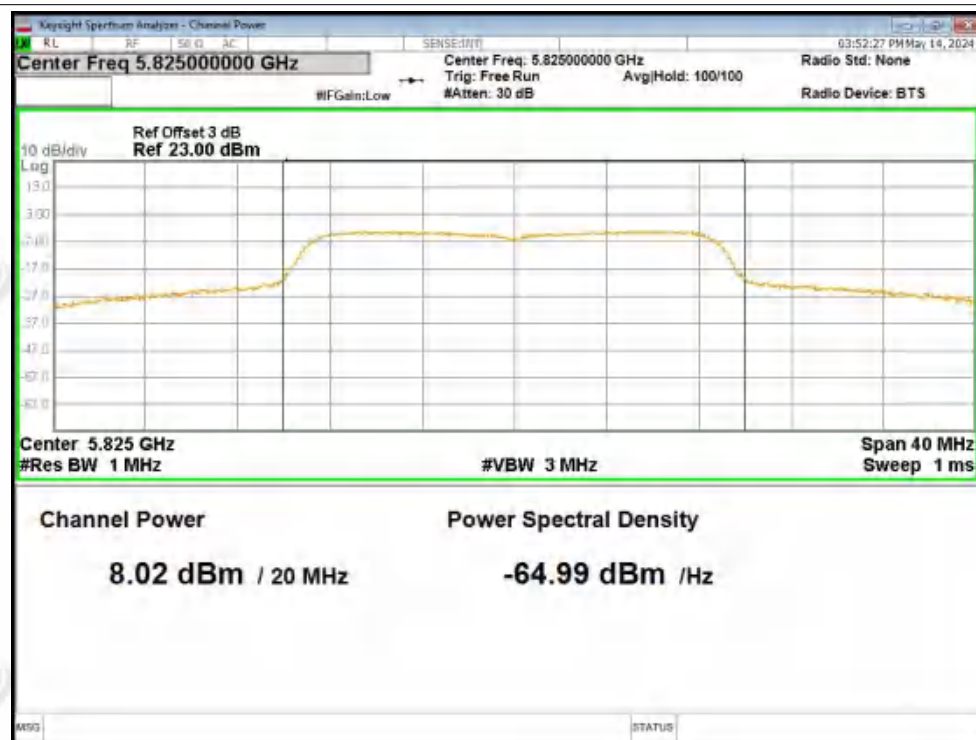


Power NVNT n20 5785MHz Ant1

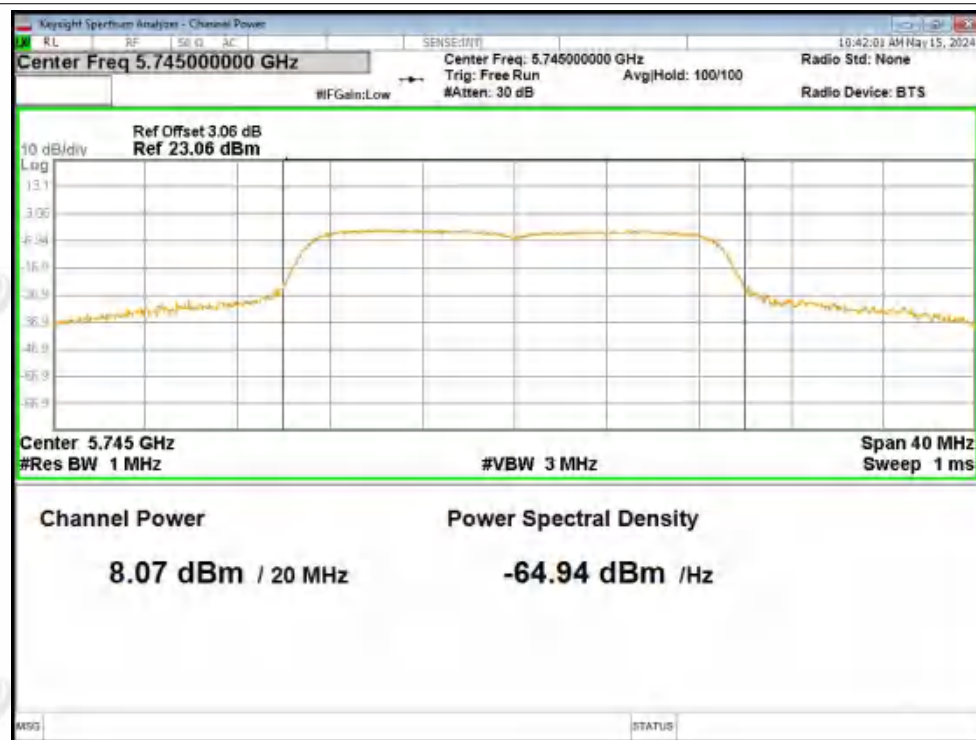




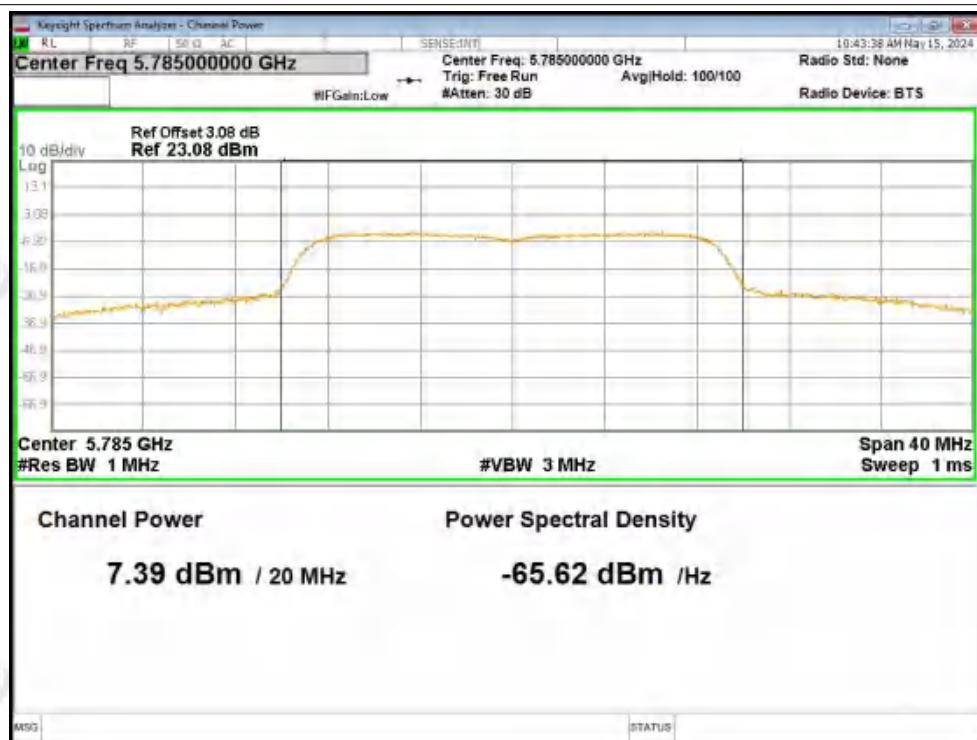
Power NVNT n20 5825MHz Ant1



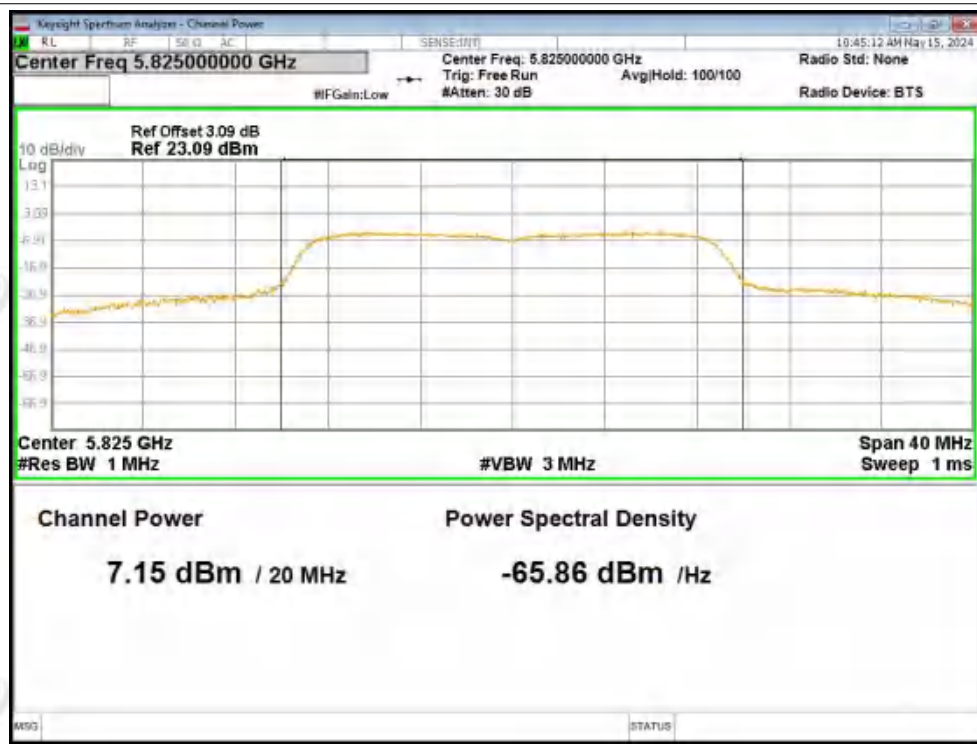
Power NVNT n20 5745MHz Ant2



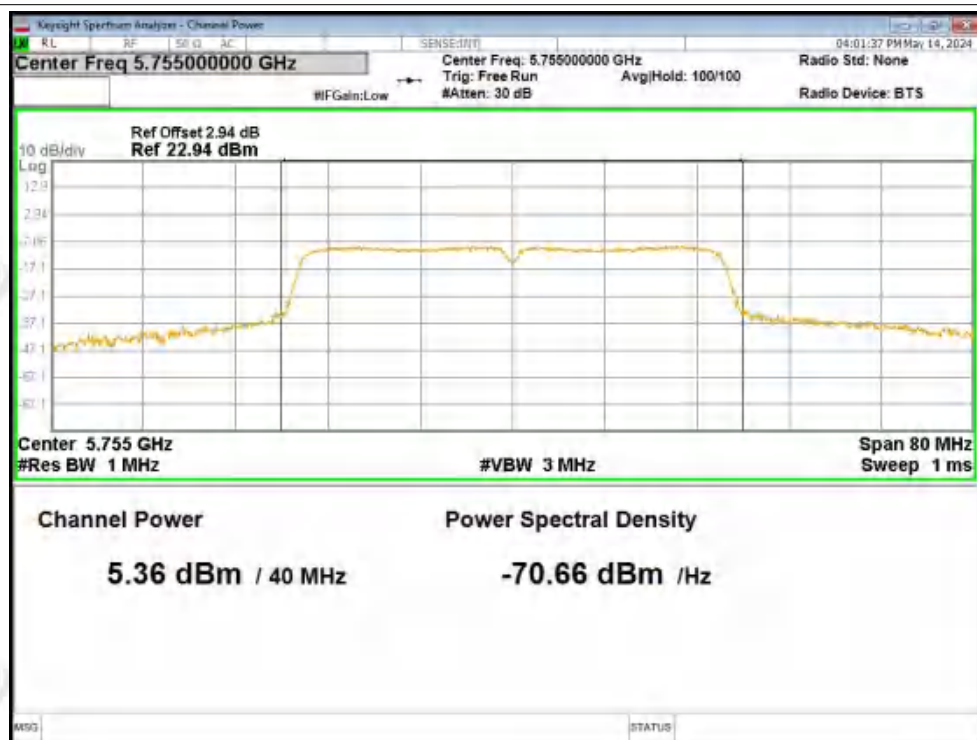
Power NVNT n20 5785MHz Ant2



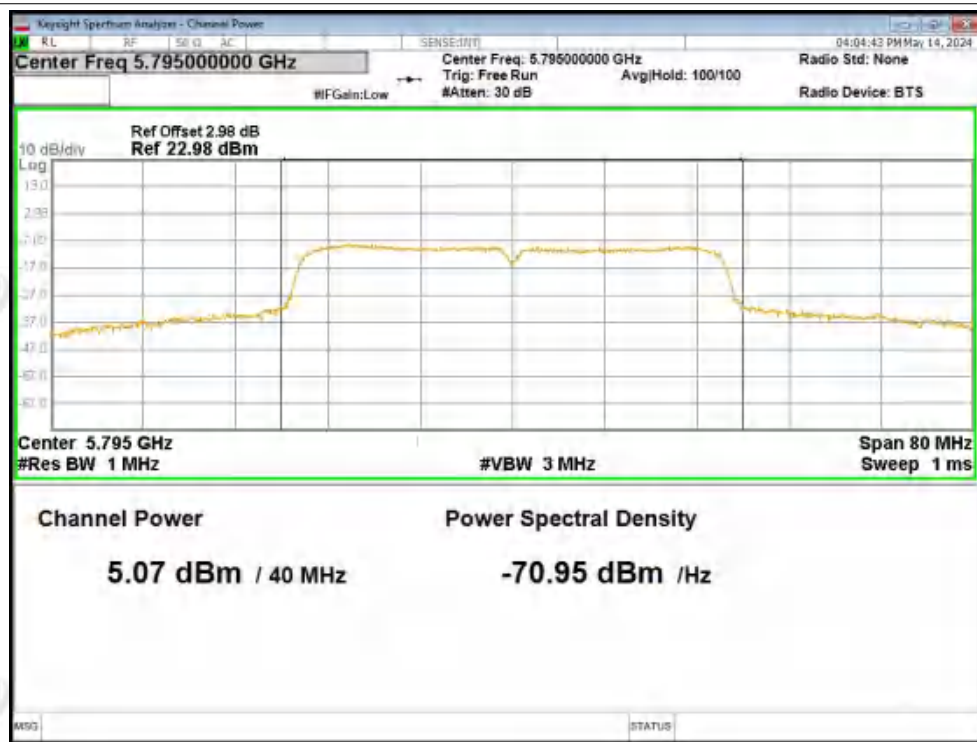
Power NVNT n20 5825MHz Ant2



Power NVNT n40 5755MHz Ant1



Power NVNT n40 5795MHz Ant1

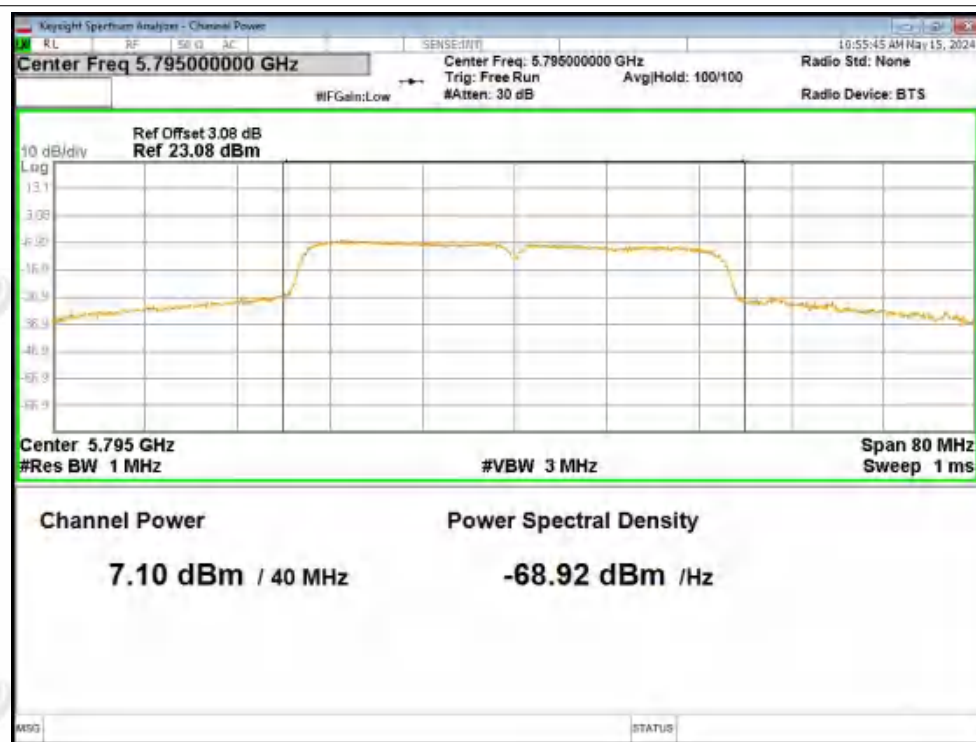




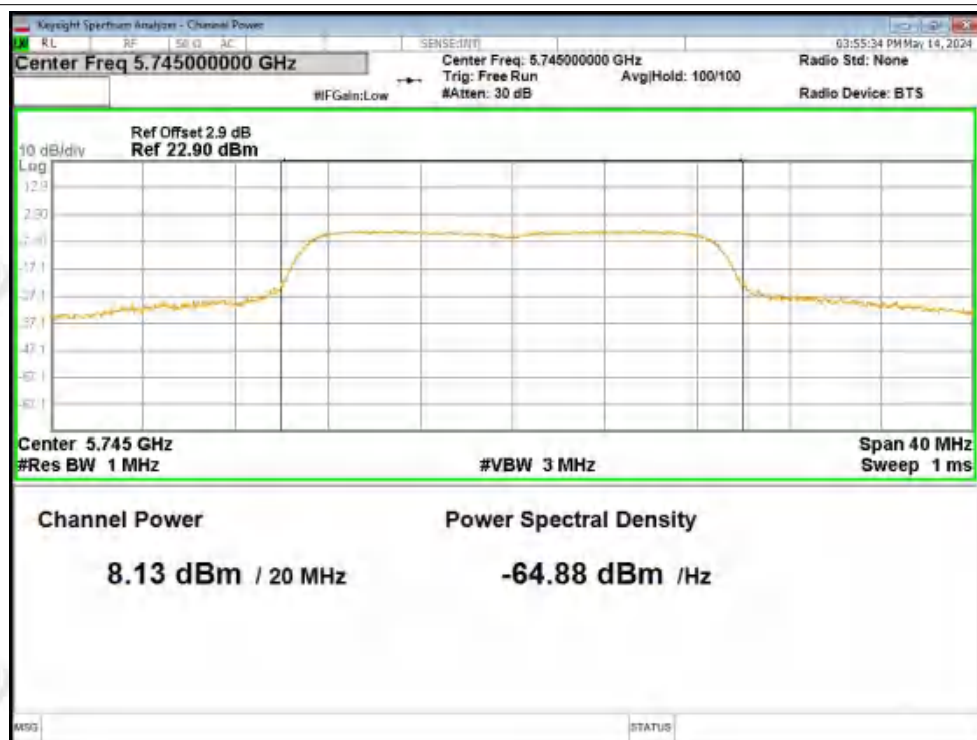
Power NVNT n40 5755MHz Ant2



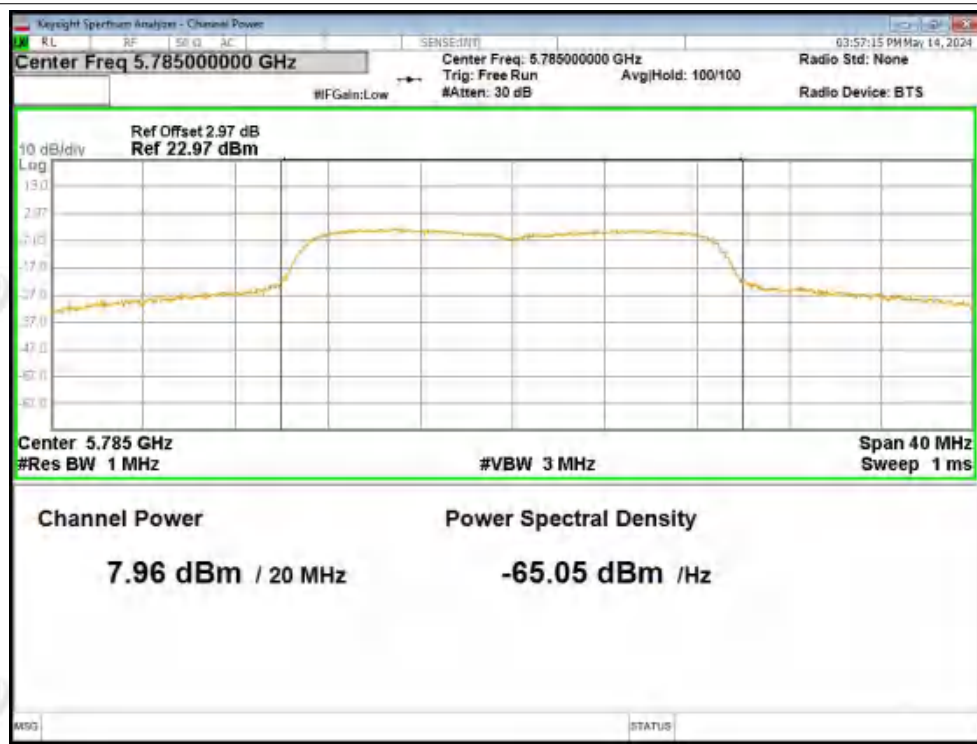
Power NVNT n40 5795MHz Ant2



Power NVNT ac20 5745MHz Ant1

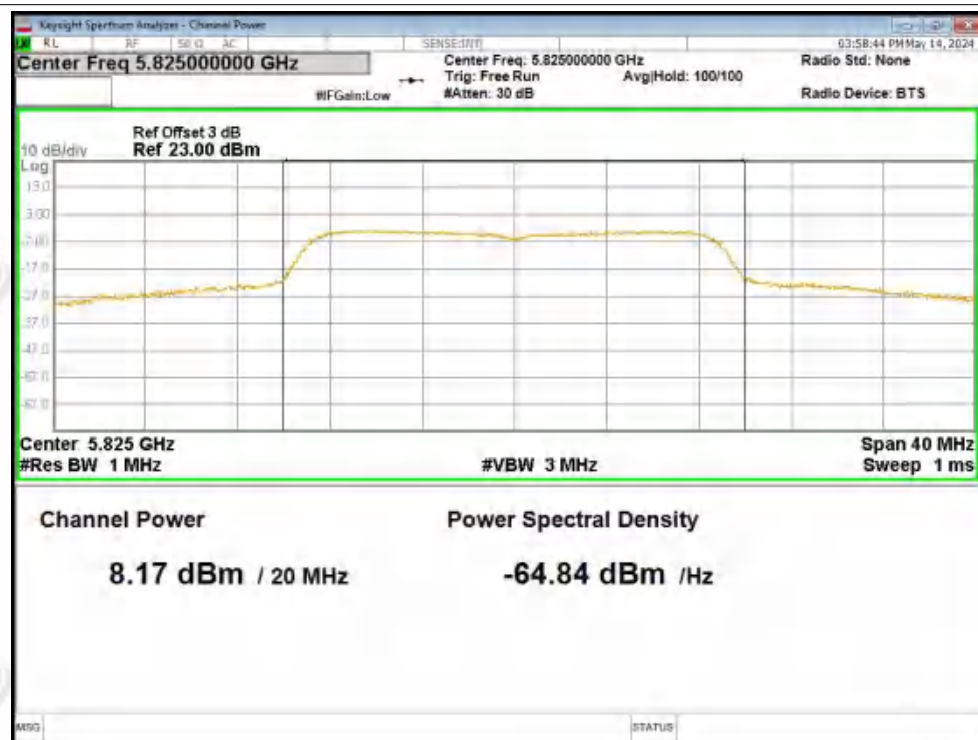


Power NVNT ac20 5785MHz Ant1

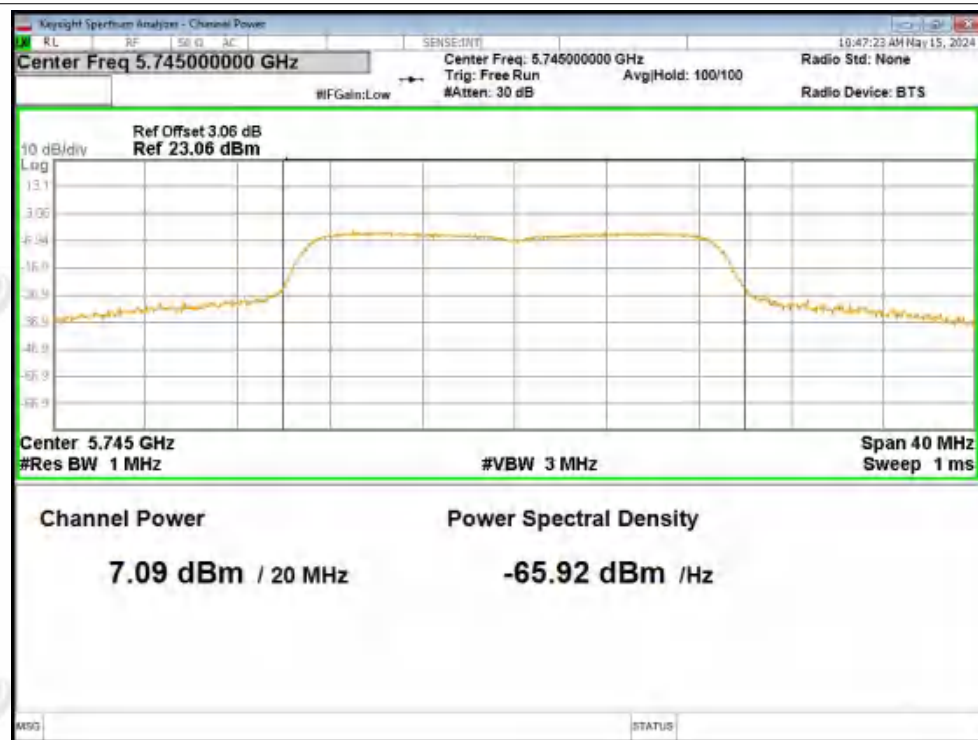




Power NVNT ac20 5825MHz Ant1

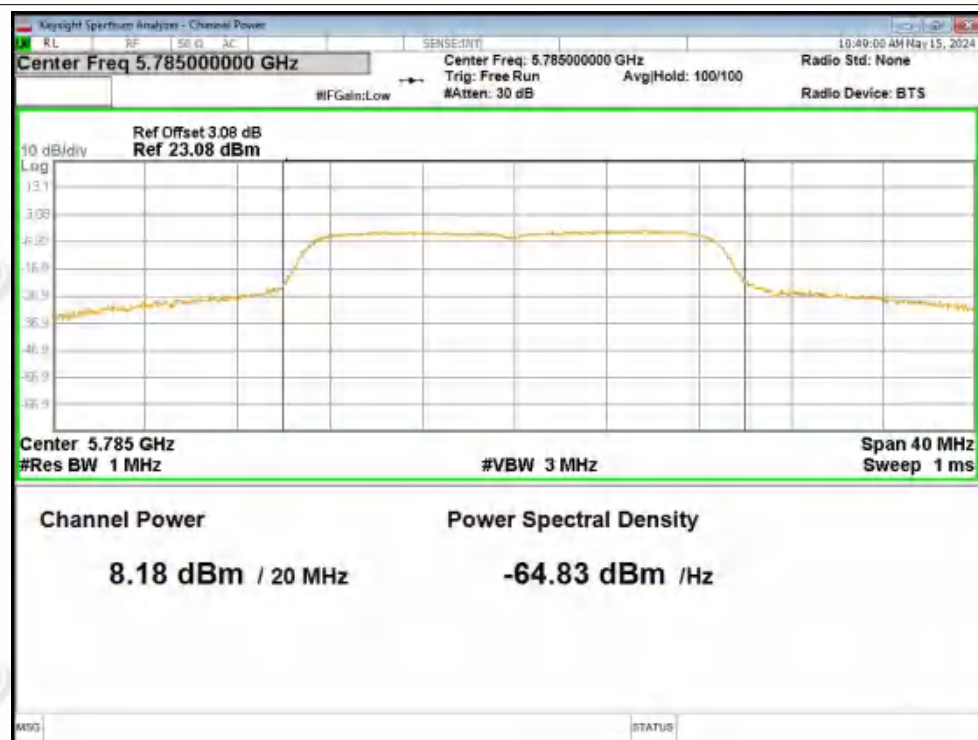


Power NVNT ac20 5745MHz Ant2

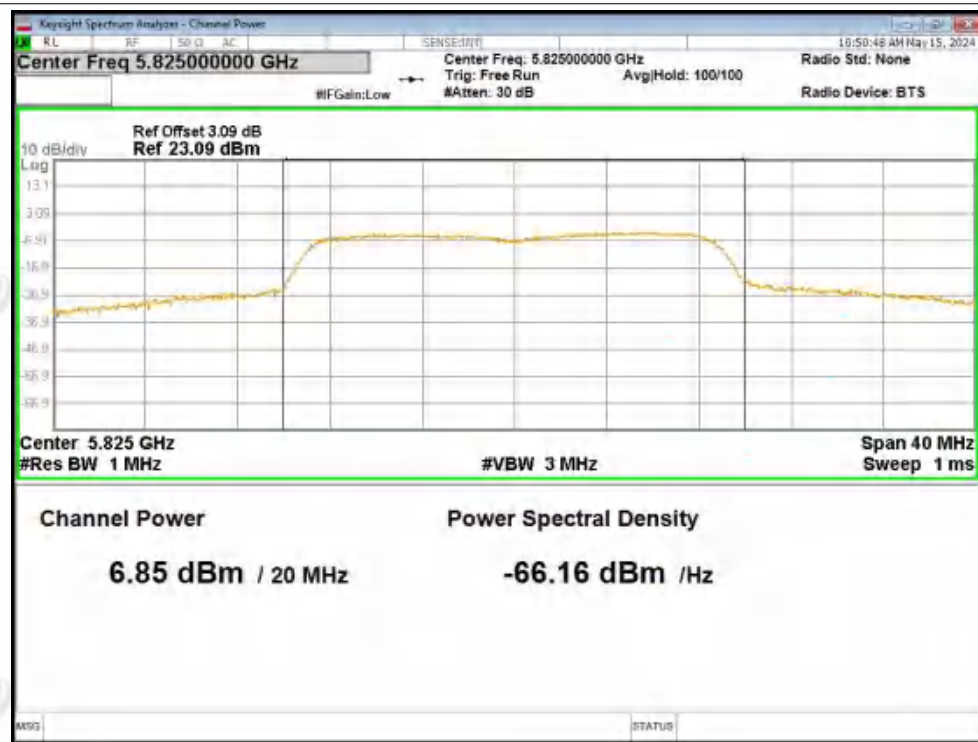




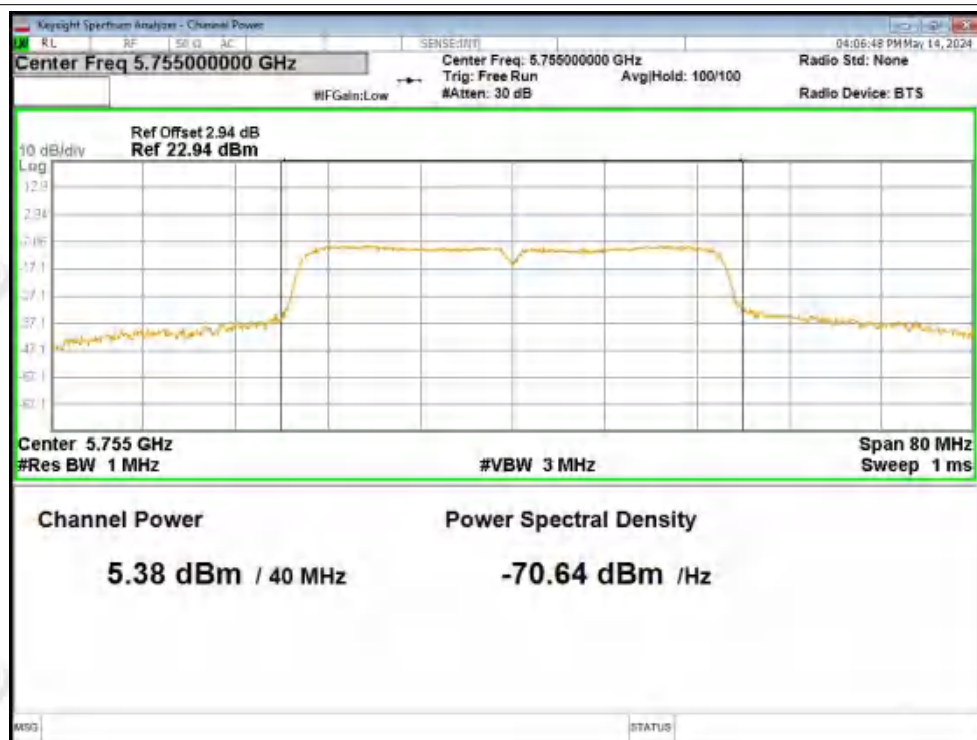
Power NVNT ac20 5785MHz Ant2



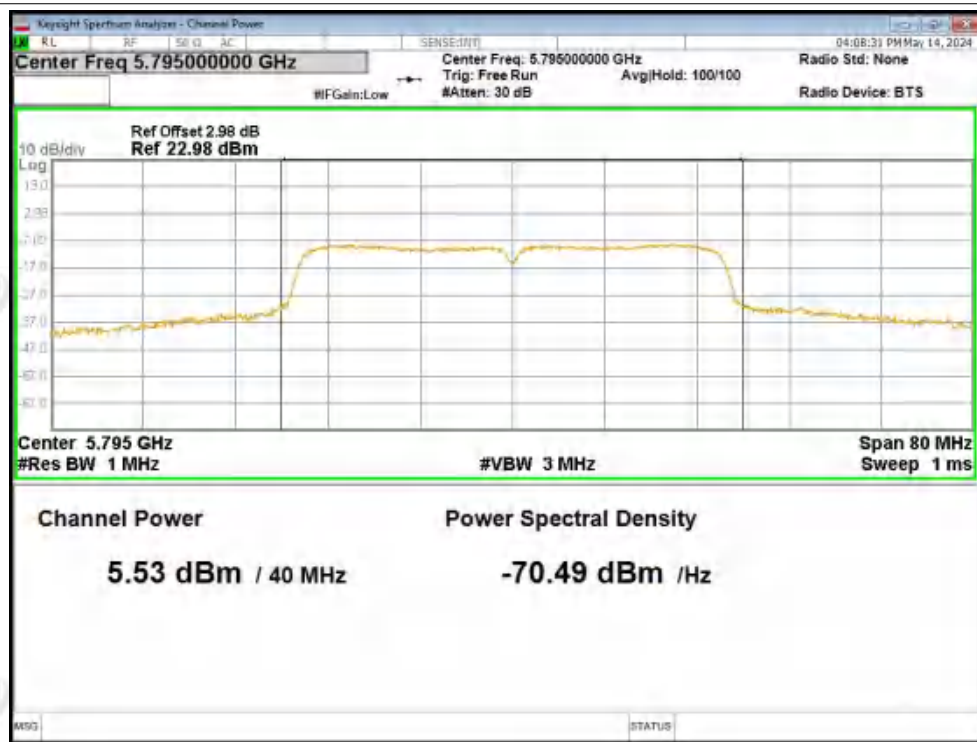
Power NVNT ac20 5825MHz Ant2



Power NVNT ac40 5755MHz Ant1



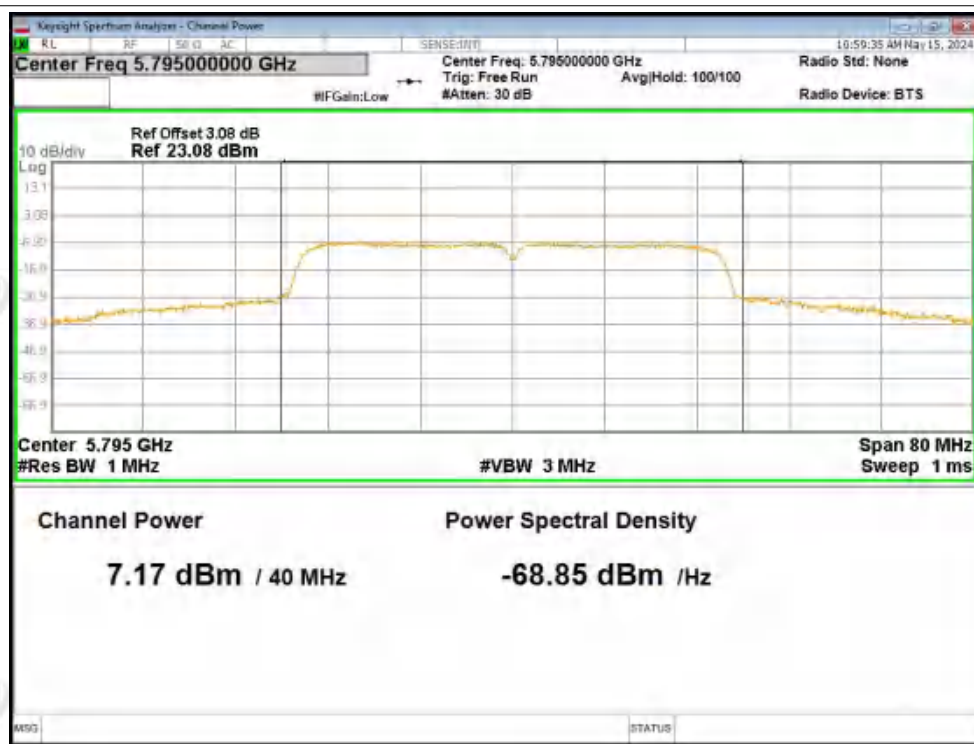
Power NVNT ac40 5795MHz Ant1



Power NVNT ac40 5755MHz Ant2



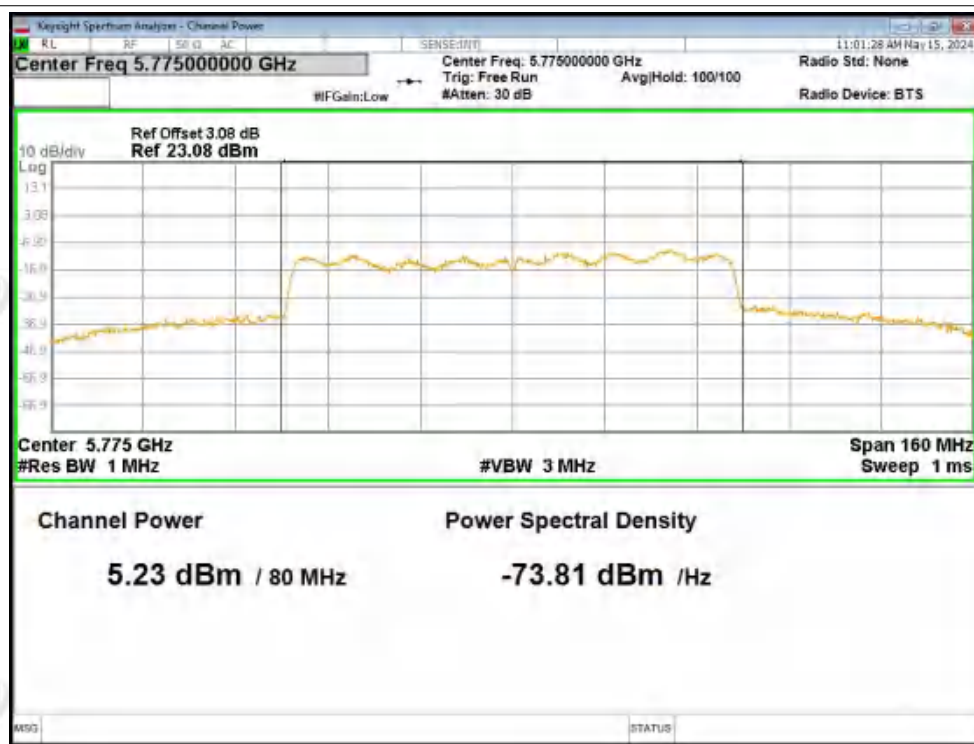
Power NVNT ac40 5795MHz Ant2



Power NVNT ac80 5775MHz Ant1



Power NVNT ac80 5775MHz Ant2





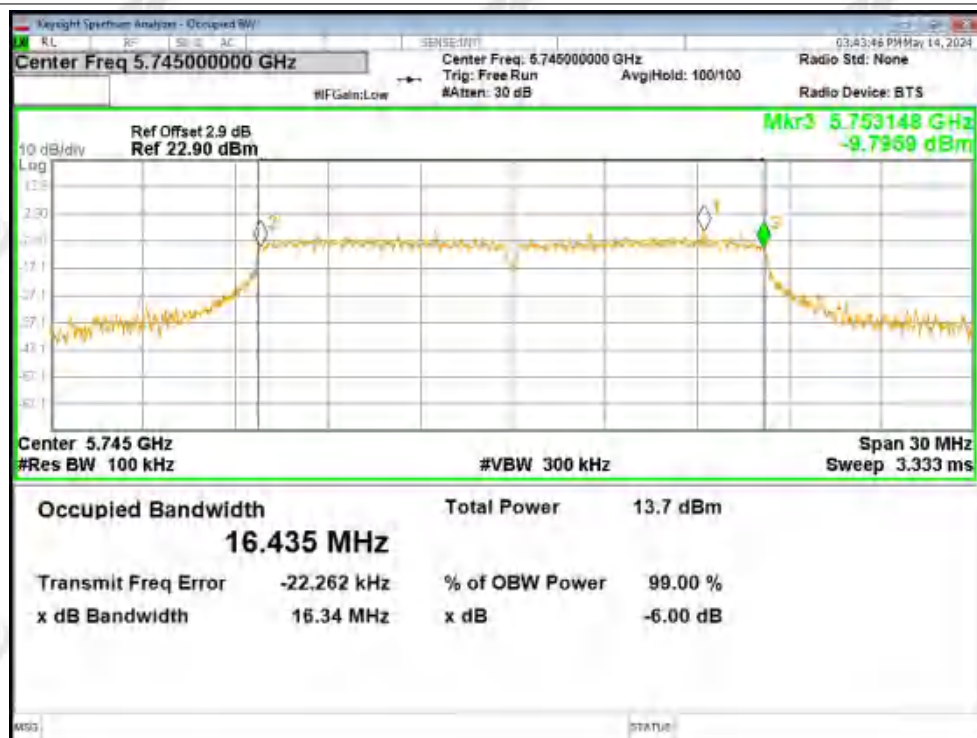
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B3. -6dB Bandwidth

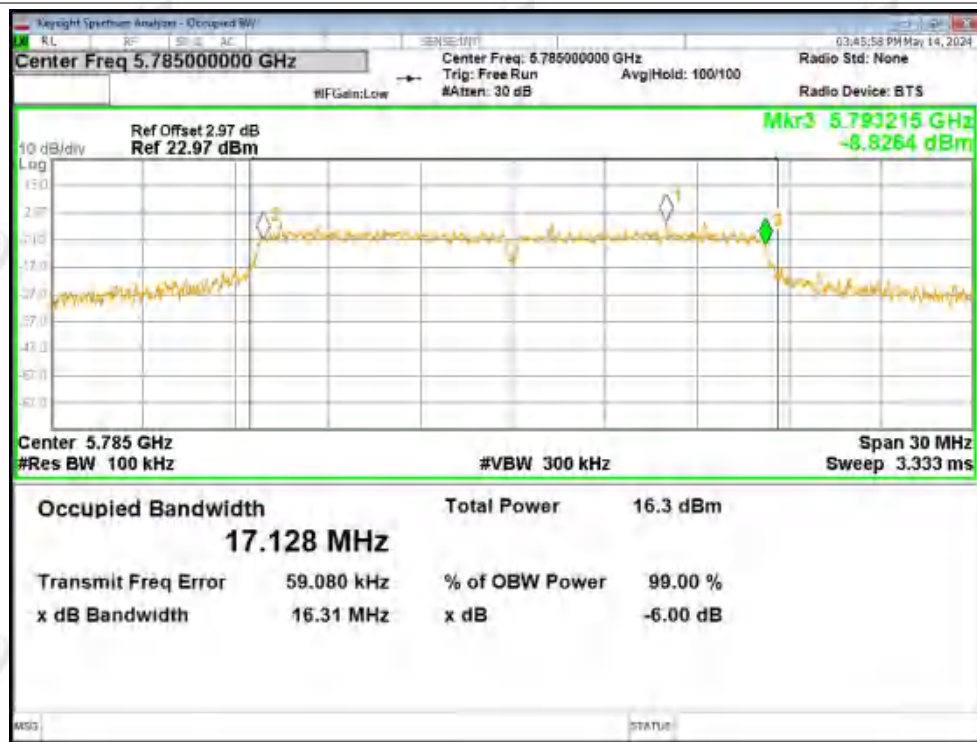
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.341	0.5	Pass
NVNT	a	5785	Ant1	16.312	0.5	Pass
NVNT	a	5825	Ant1	16.321	0.5	Pass
NVNT	a	5745	Ant2	16.324	0.5	Pass
NVNT	a	5785	Ant2	16.014	0.5	Pass
NVNT	a	5825	Ant2	16.348	0.5	Pass
NVNT	n20	5745	Ant1	16.294	0.5	Pass
NVNT	n20	5785	Ant1	16.789	0.5	Pass
NVNT	n20	5825	Ant1	16.782	0.5	Pass
NVNT	n20	5745	Ant2	17.147	0.5	Pass
NVNT	n20	5785	Ant2	16.971	0.5	Pass
NVNT	n20	5825	Ant2	16.205	0.5	Pass
NVNT	n40	5755	Ant1	35.112	0.5	Pass
NVNT	n40	5795	Ant1	35.092	0.5	Pass
NVNT	n40	5755	Ant2	35.087	0.5	Pass
NVNT	n40	5795	Ant2	35.2	0.5	Pass
NVNT	ac20	5745	Ant1	17.045	0.5	Pass
NVNT	ac20	5785	Ant1	16.904	0.5	Pass
NVNT	ac20	5825	Ant1	16.919	0.5	Pass
NVNT	ac20	5745	Ant2	16.425	0.5	Pass
NVNT	ac20	5785	Ant2	16.735	0.5	Pass
NVNT	ac20	5825	Ant2	16.409	0.5	Pass
NVNT	ac40	5755	Ant1	35.468	0.5	Pass
NVNT	ac40	5795	Ant1	35.12	0.5	Pass
NVNT	ac40	5755	Ant2	35.096	0.5	Pass
NVNT	ac40	5795	Ant2	35.275	0.5	Pass
NVNT	ac80	5775	Ant1	75.073	0.5	Pass
NVNT	ac80	5775	Ant2	75.071	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

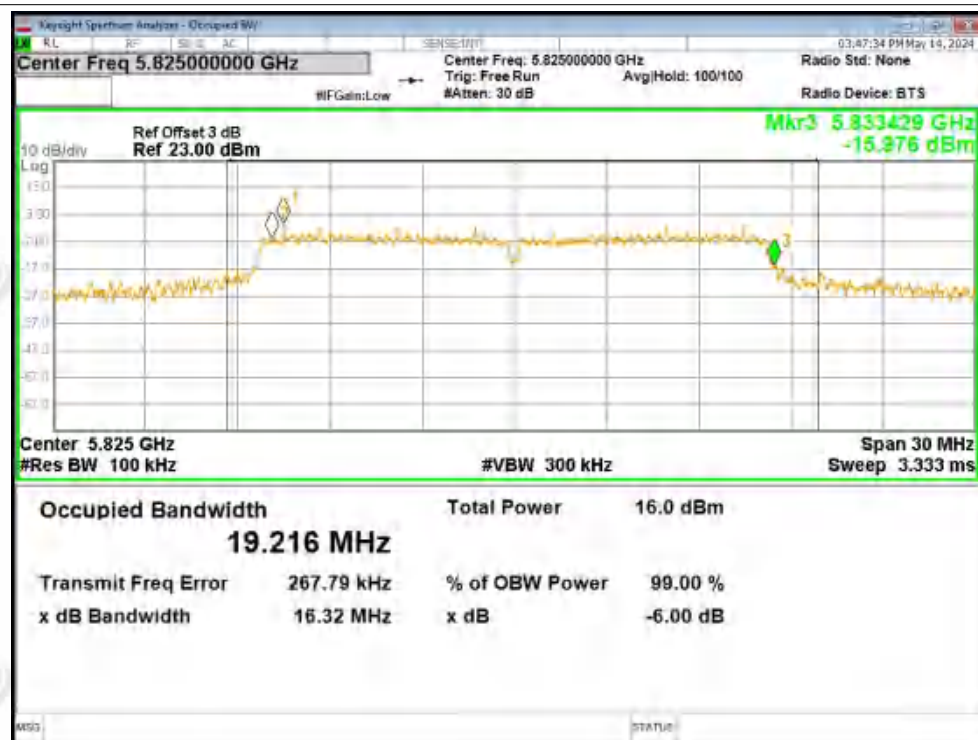


-6dB Bandwidth NVNT a 5785MHz Ant1

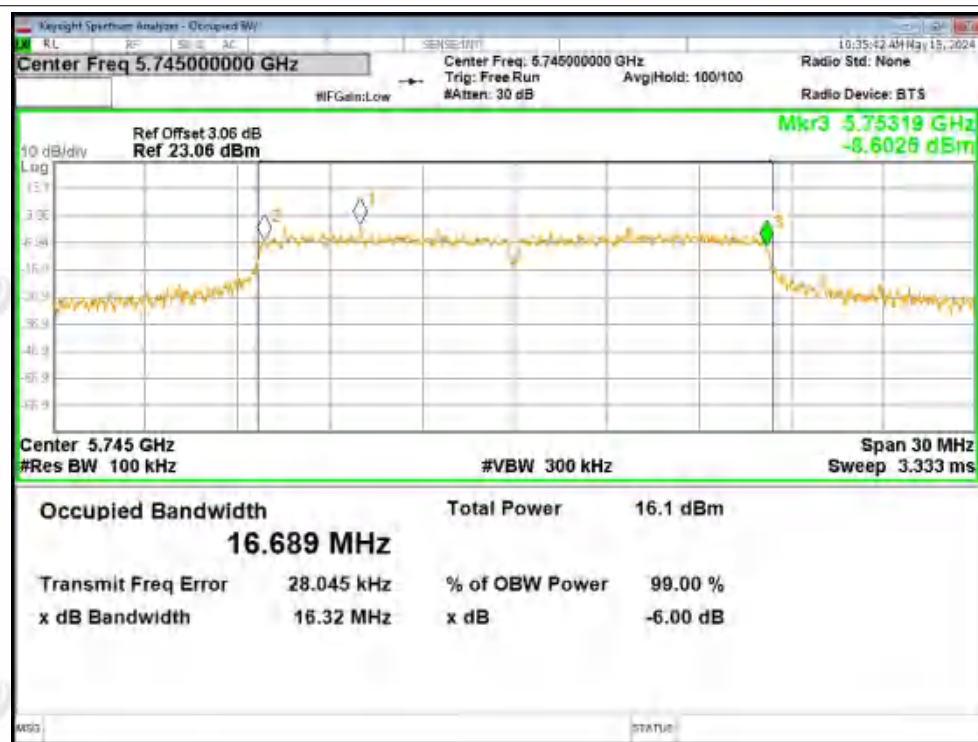




-6dB Bandwidth NVNT a 5825MHz Ant1

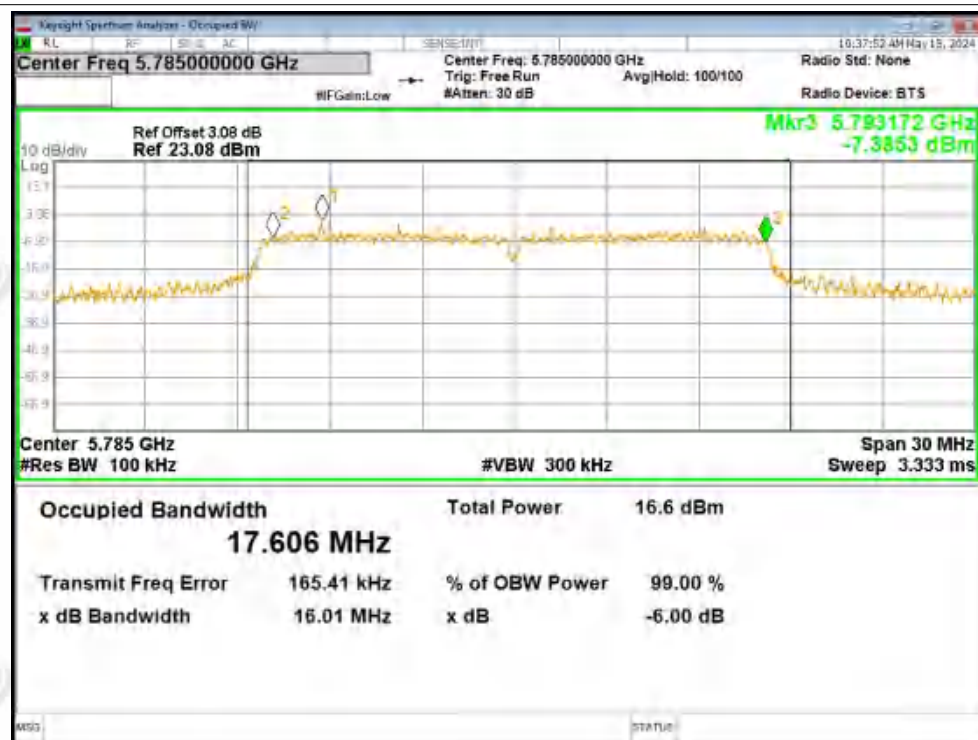


-6dB Bandwidth NVNT a 5745MHz Ant2

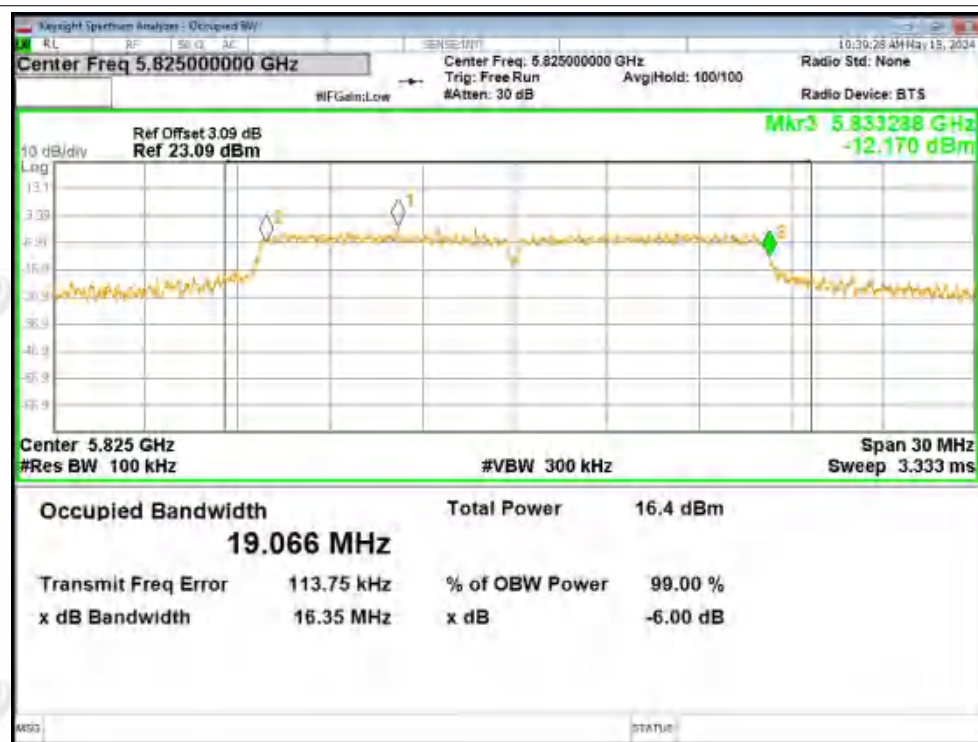




-6dB Bandwidth NVNT a 5785MHz Ant2

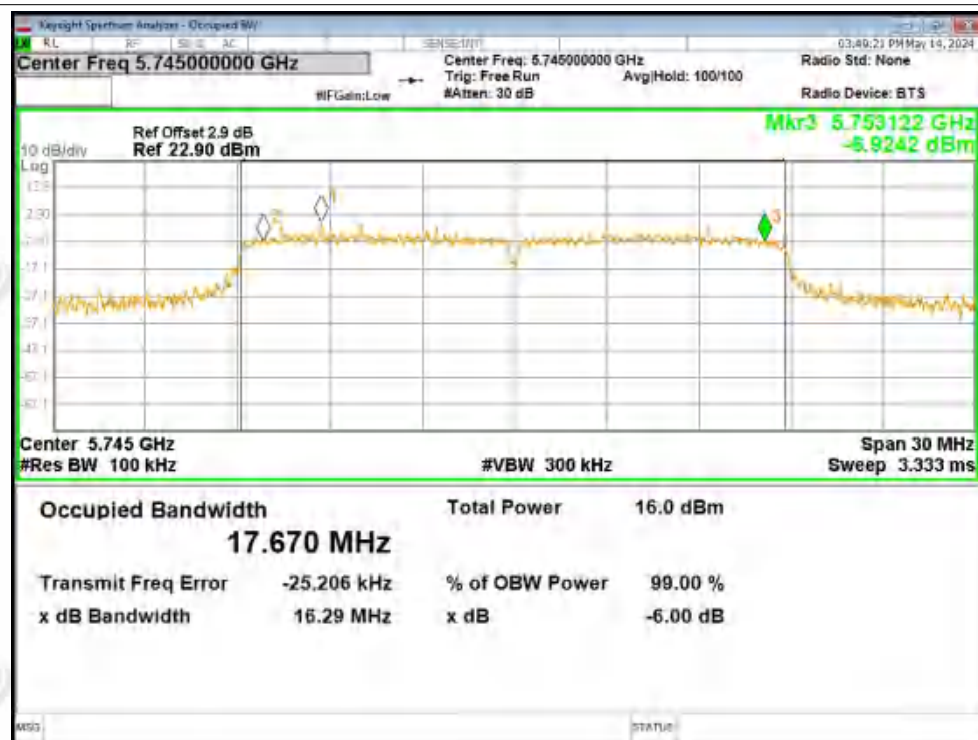


-6dB Bandwidth NVNT a 5825MHz Ant2

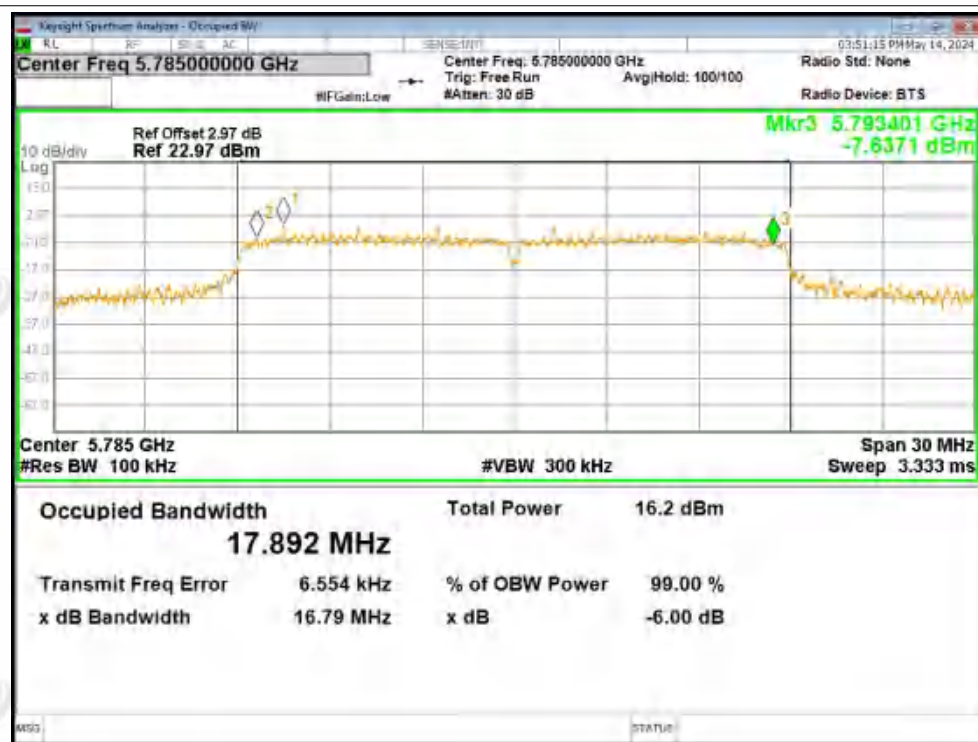




-6dB Bandwidth NVNT n20 5745MHz Ant1

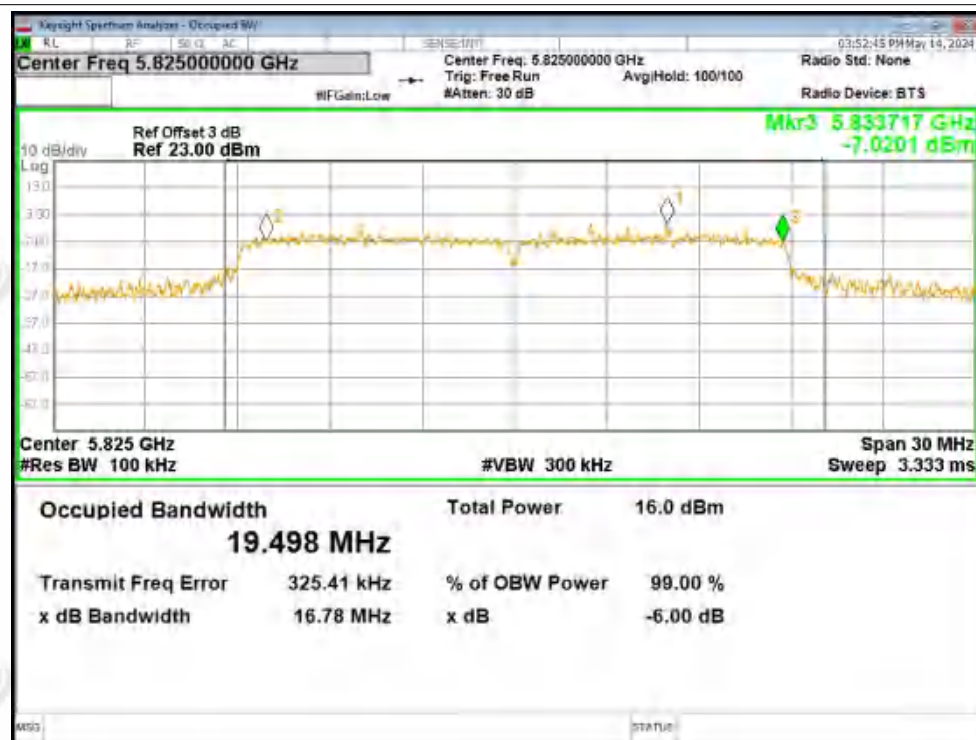


-6dB Bandwidth NVNT n20 5785MHz Ant1

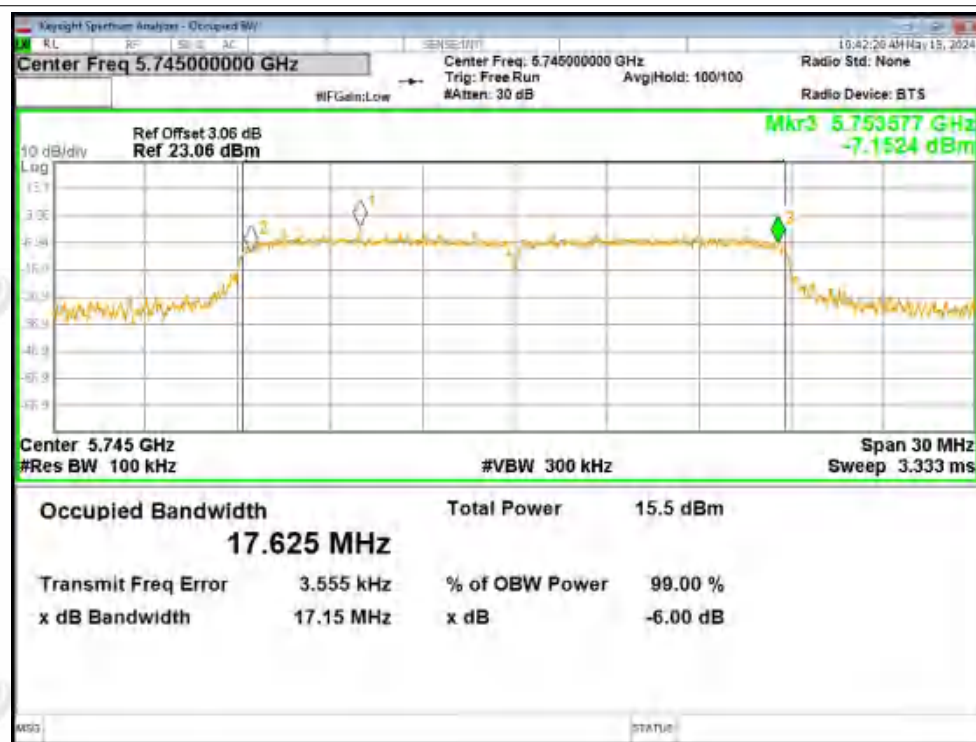




-6dB Bandwidth NVNT n20 5825MHz Ant1

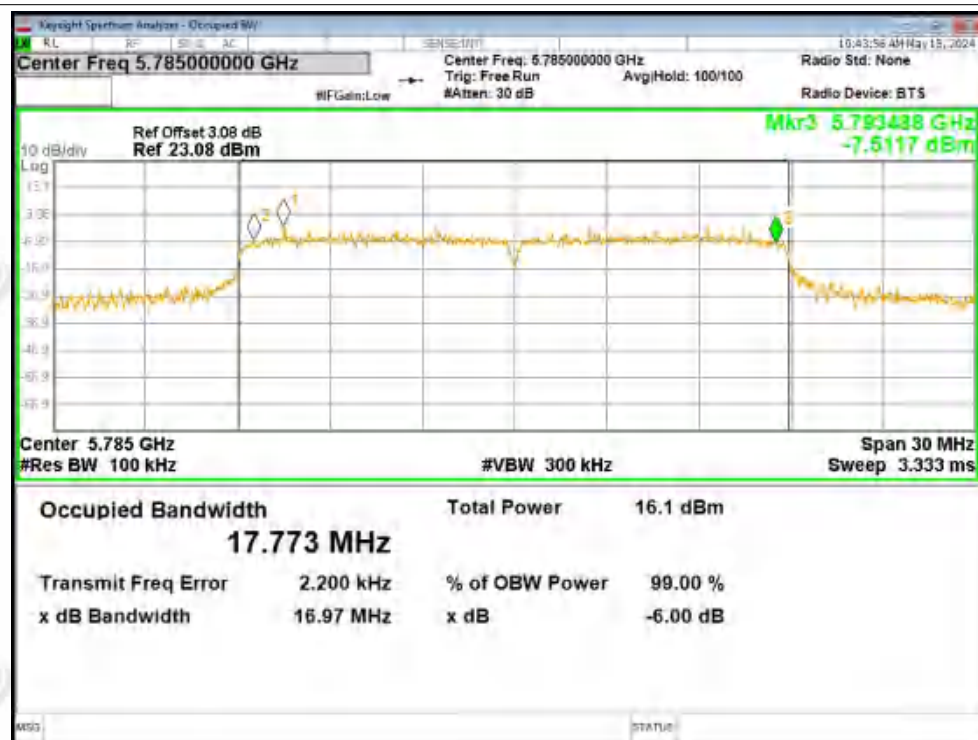


-6dB Bandwidth NVNT n20 5745MHz Ant2

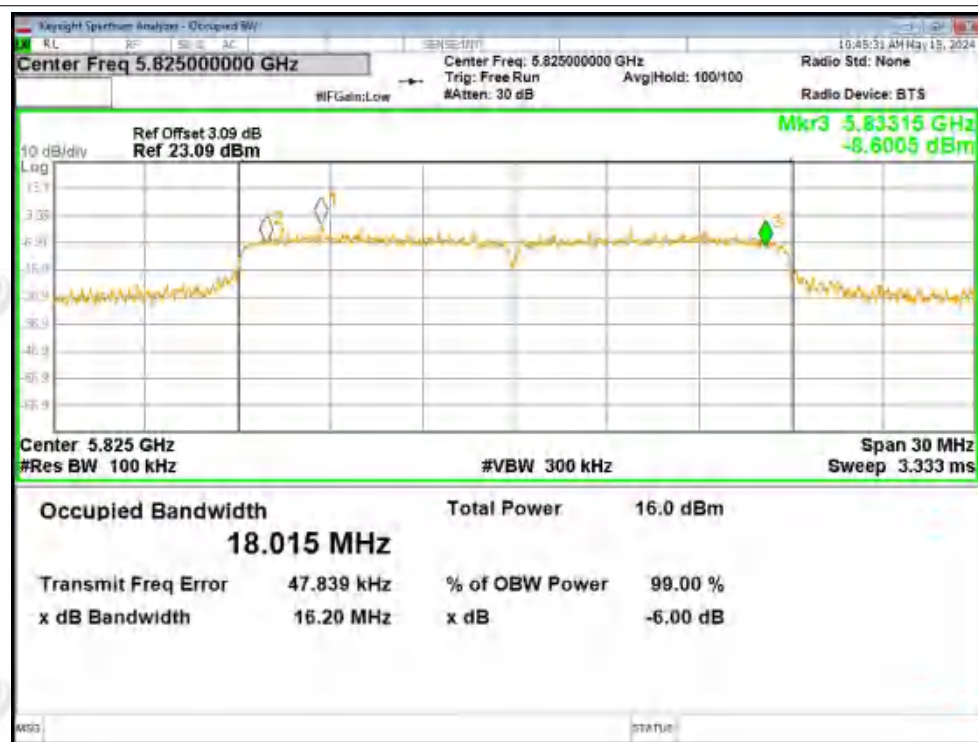




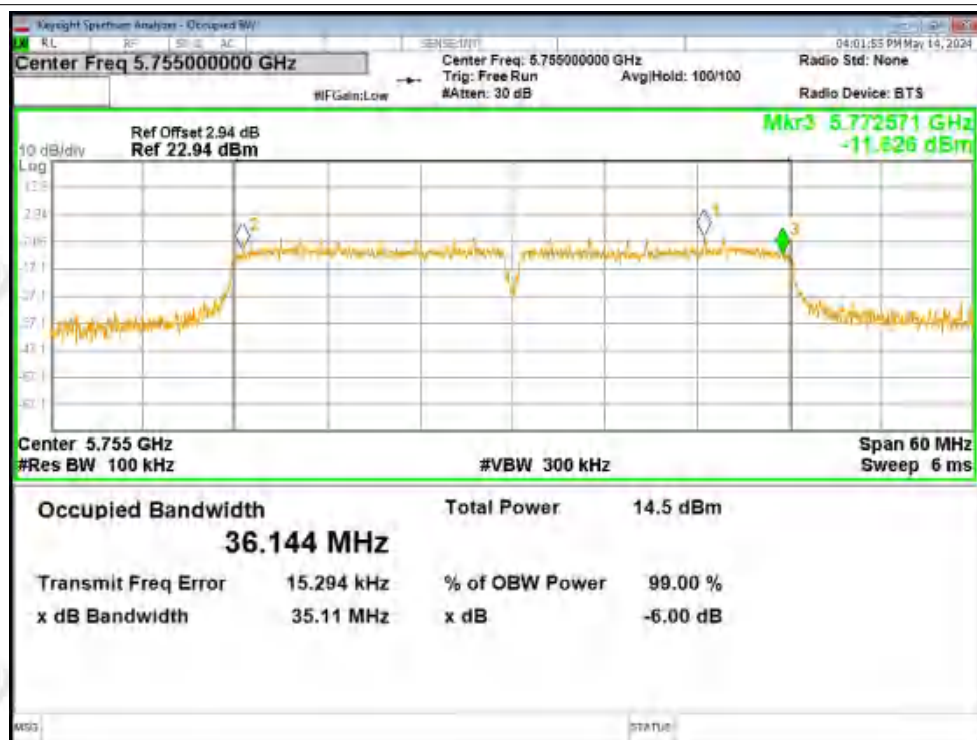
-6dB Bandwidth NVNT n20 5785MHz Ant2



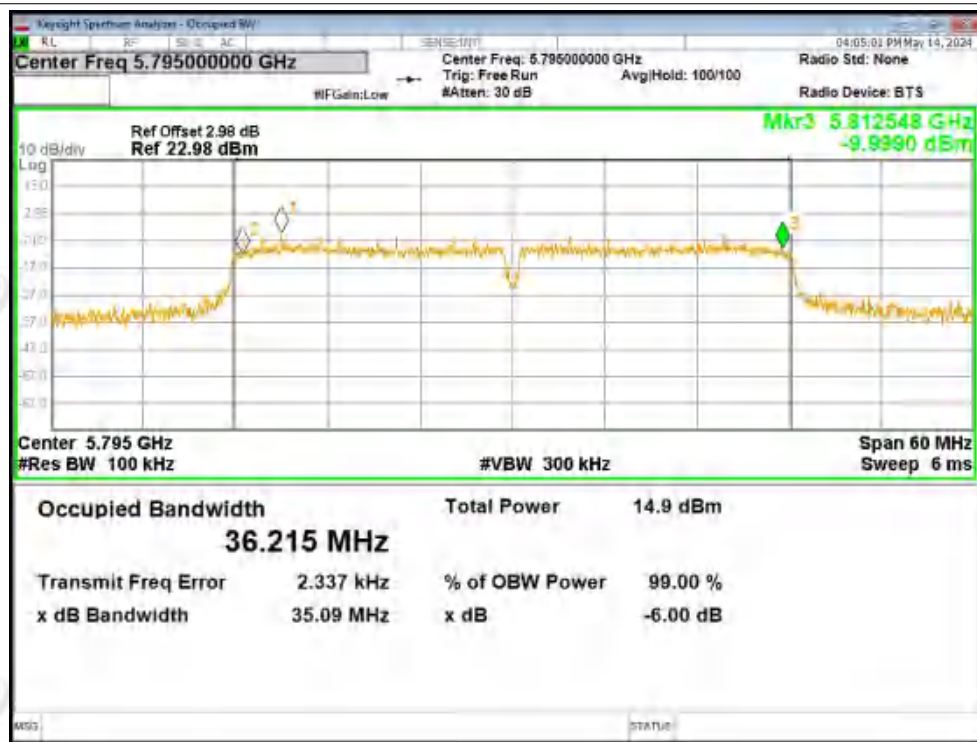
-6dB Bandwidth NVNT n20 5825MHz Ant2



-6dB Bandwidth NVNT n40 5755MHz Ant1

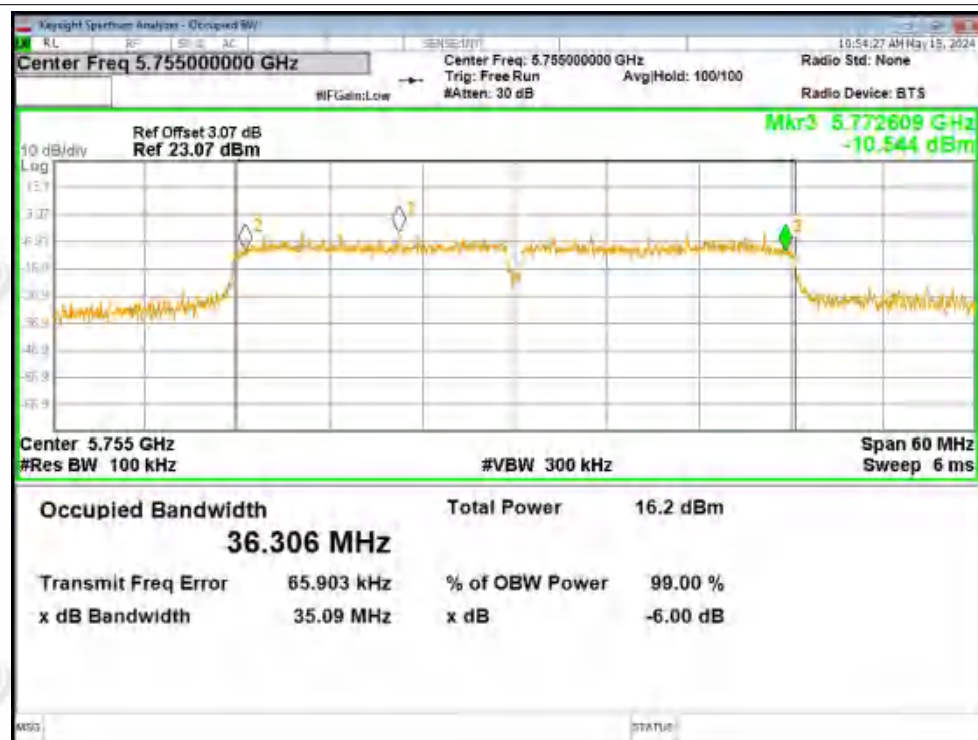


-6dB Bandwidth NVNT n40 5795MHz Ant1

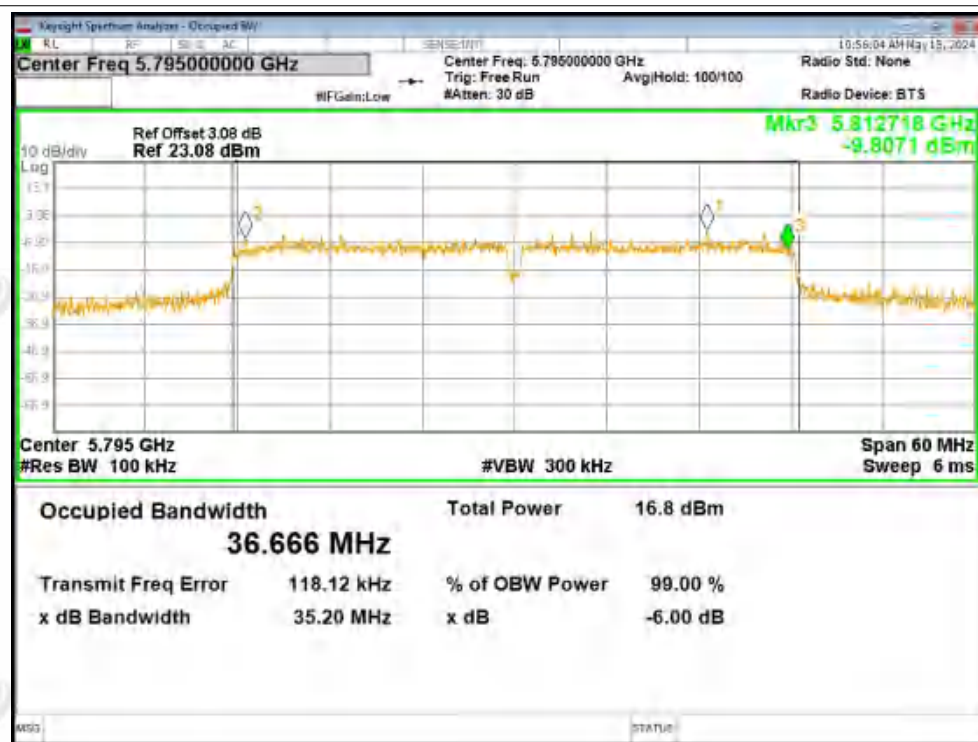




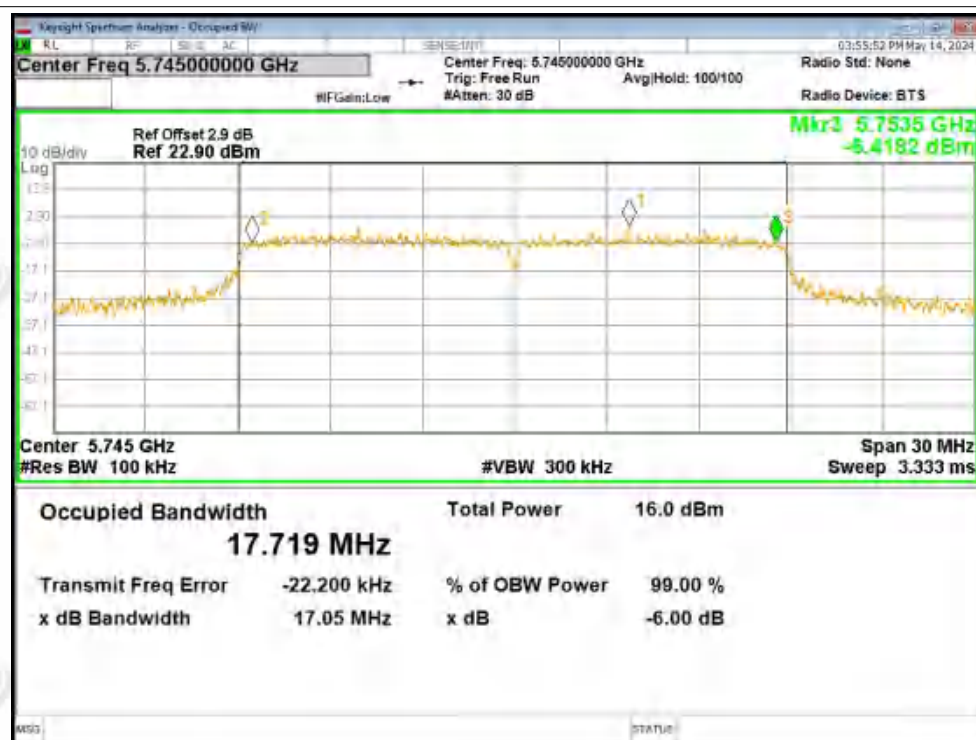
-6dB Bandwidth NVNT n40 5755MHz Ant2



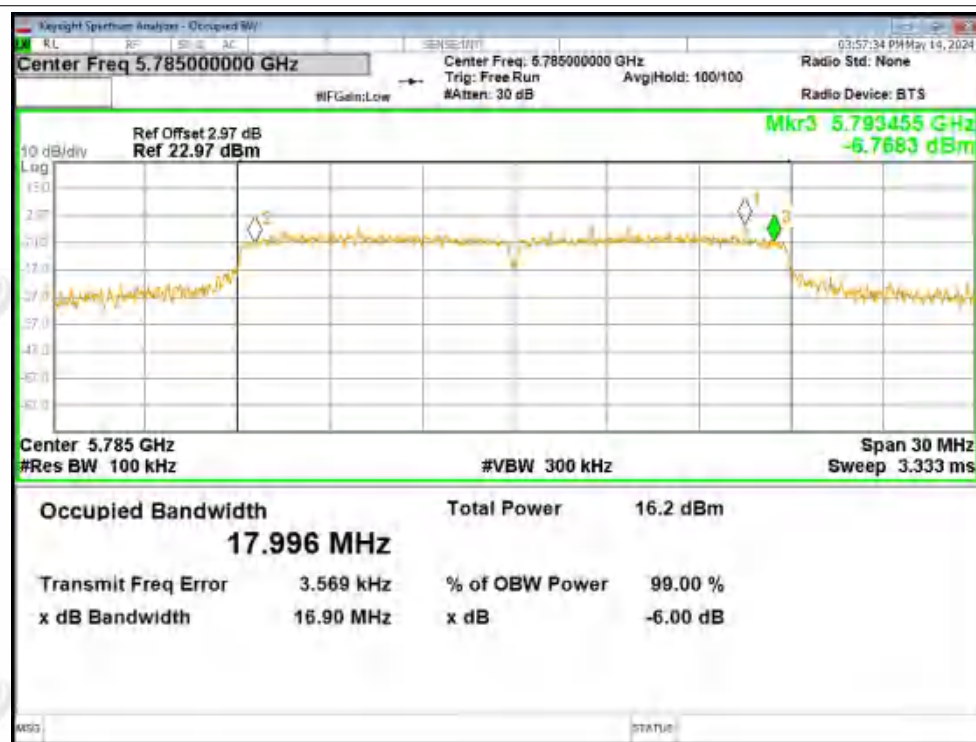
-6dB Bandwidth NVNT n40 5795MHz Ant2



-6dB Bandwidth NVNT ac20 5745MHz Ant1

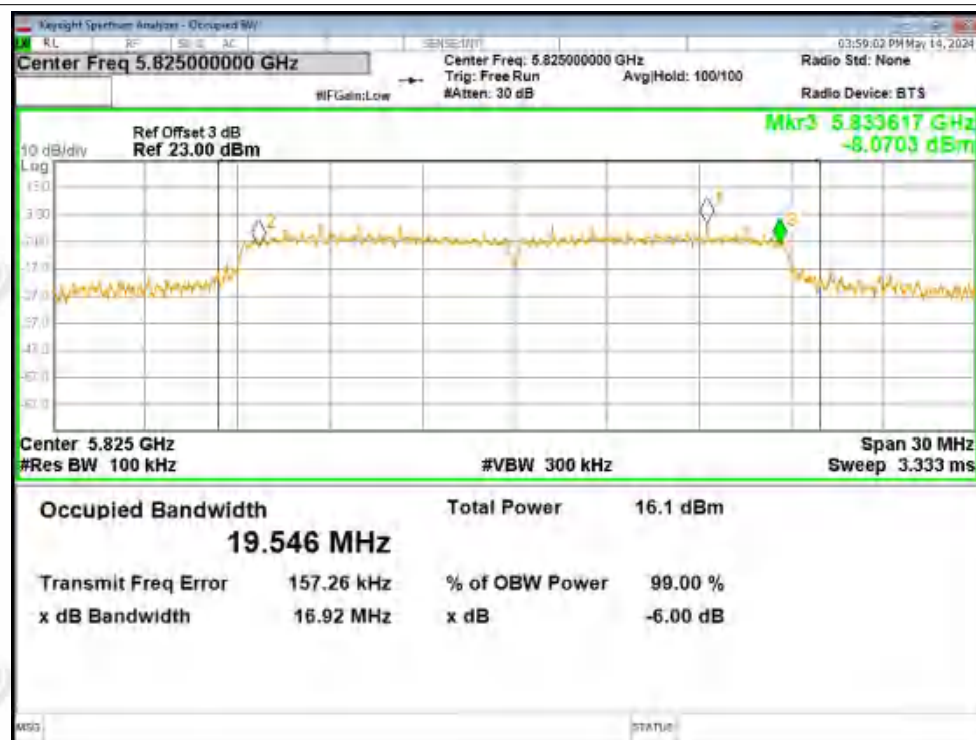


-6dB Bandwidth NVNT ac20 5785MHz Ant1

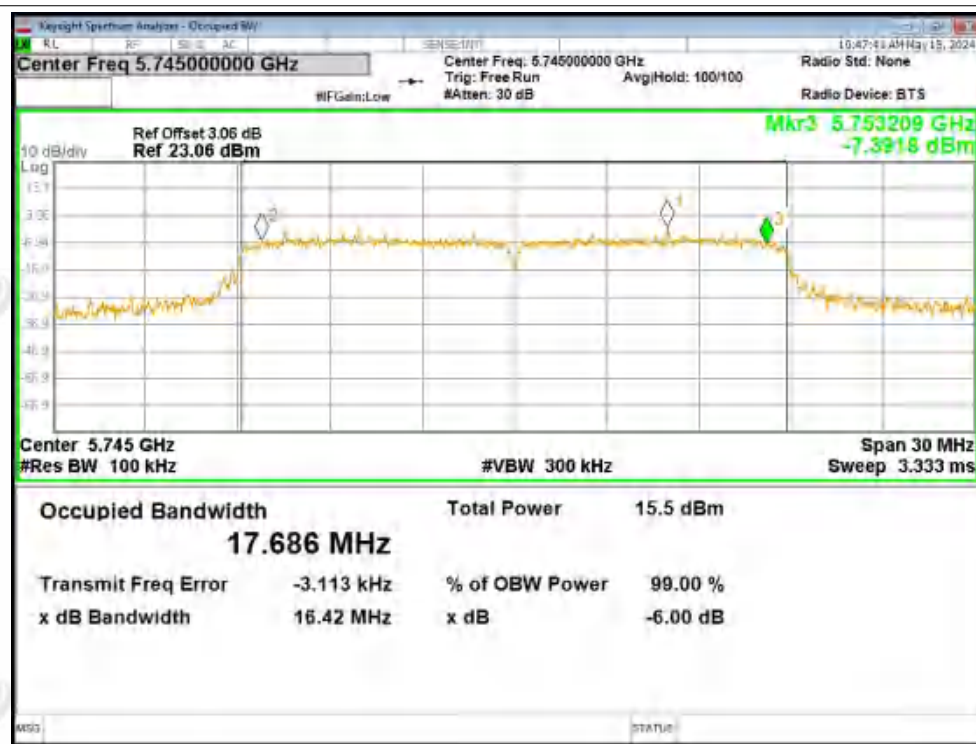




-6dB Bandwidth NVNT ac20 5825MHz Ant1

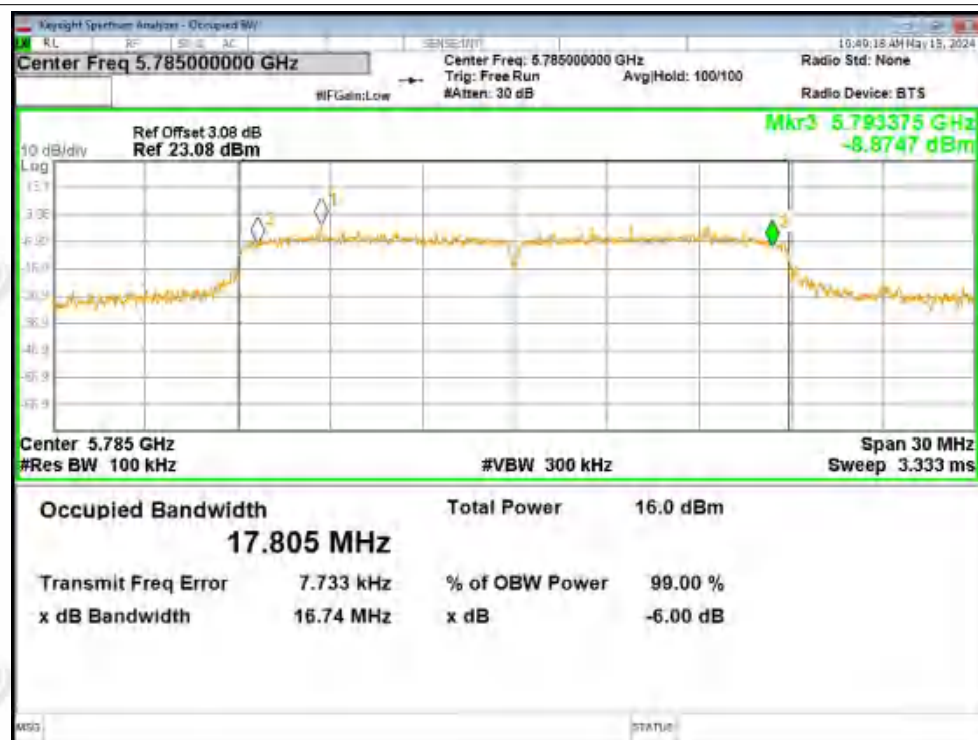


-6dB Bandwidth NVNT ac20 5745MHz Ant2

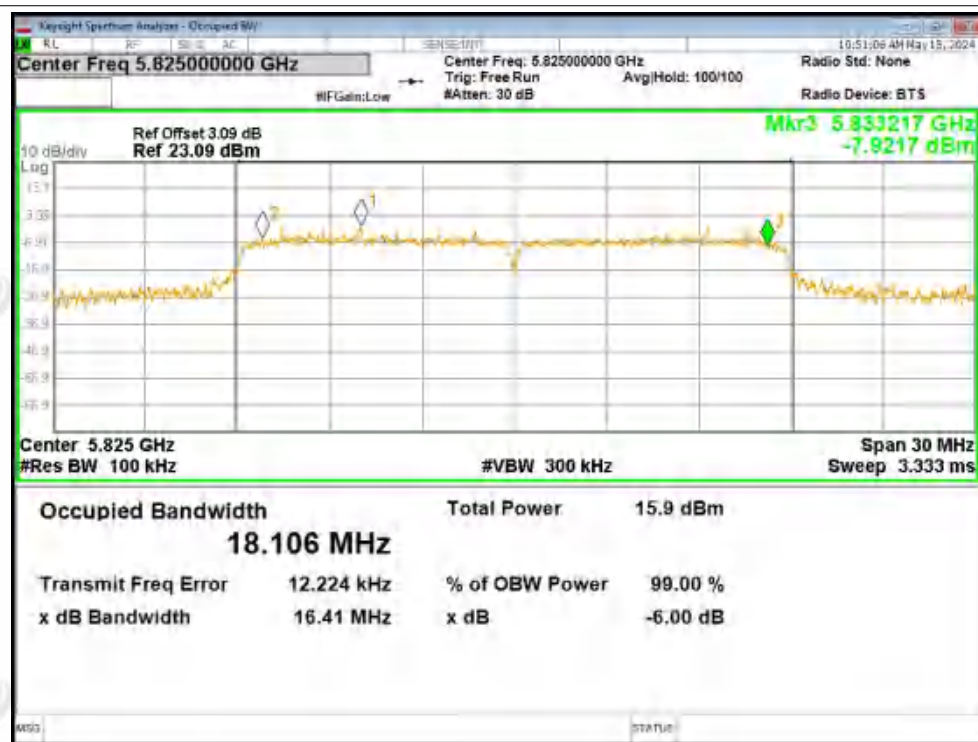




-6dB Bandwidth NVNT ac20 5785MHz Ant2

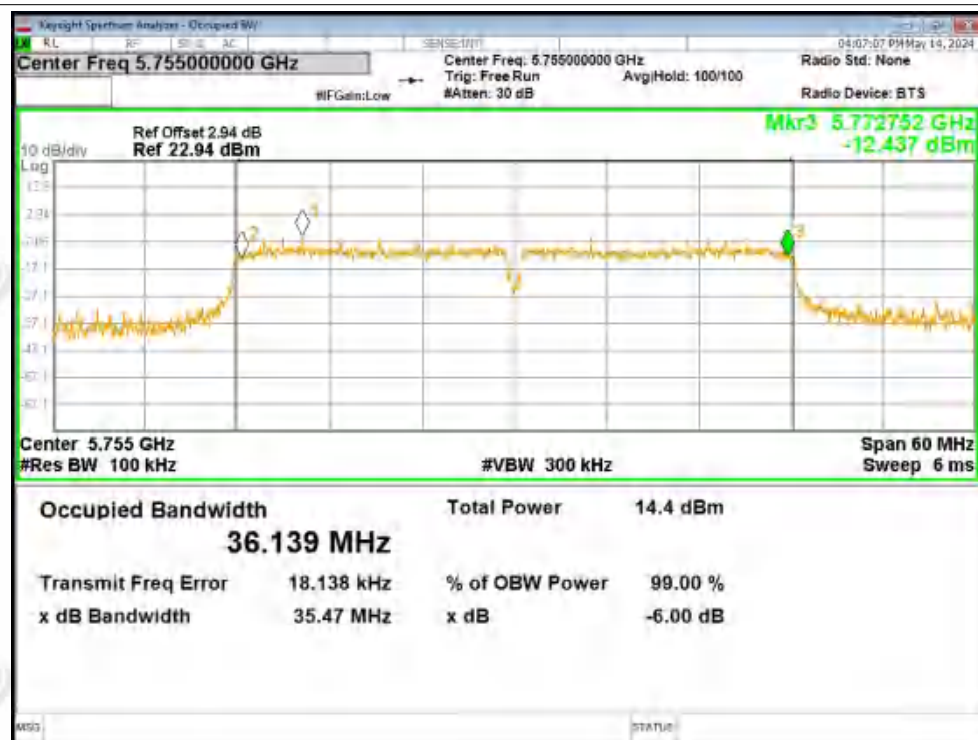


-6dB Bandwidth NVNT ac20 5825MHz Ant2

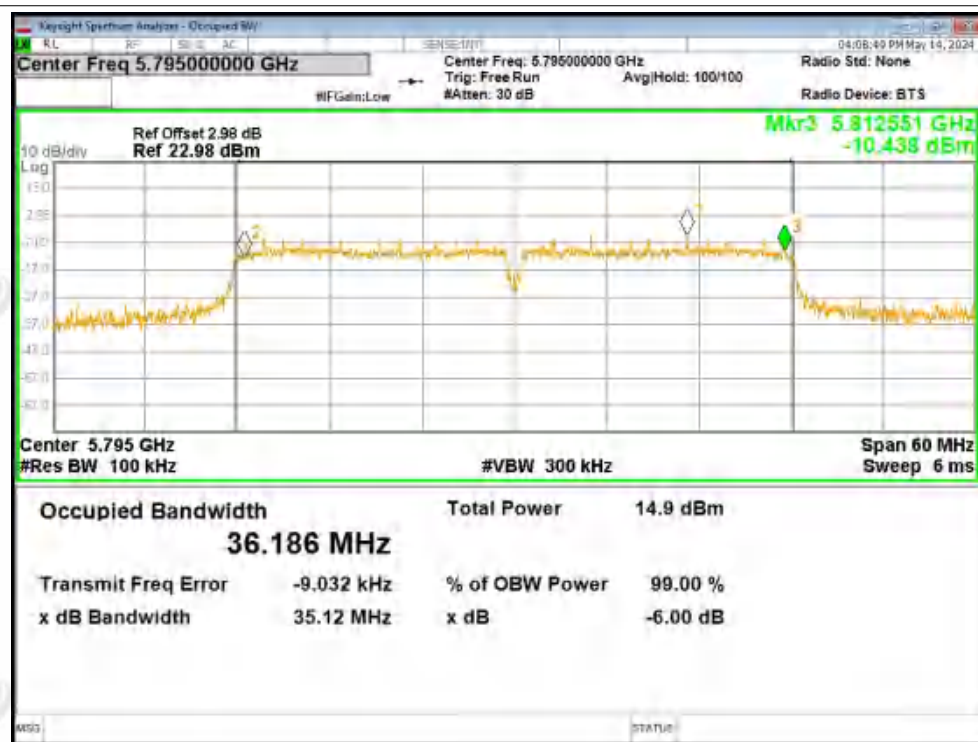




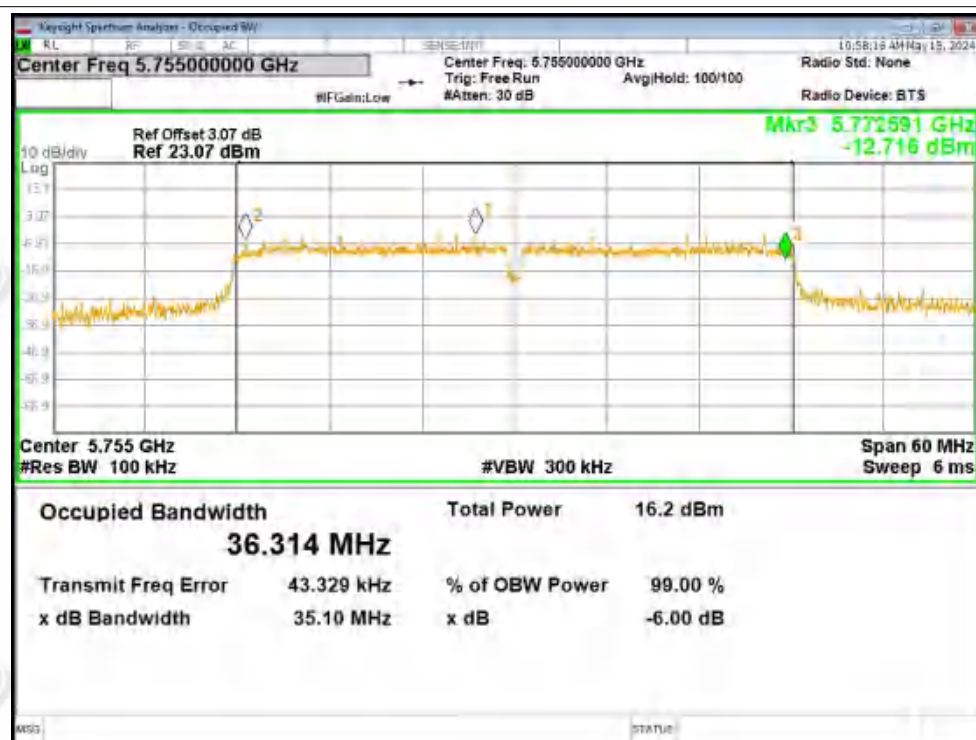
-6dB Bandwidth NVNT ac40 5755MHz Ant1



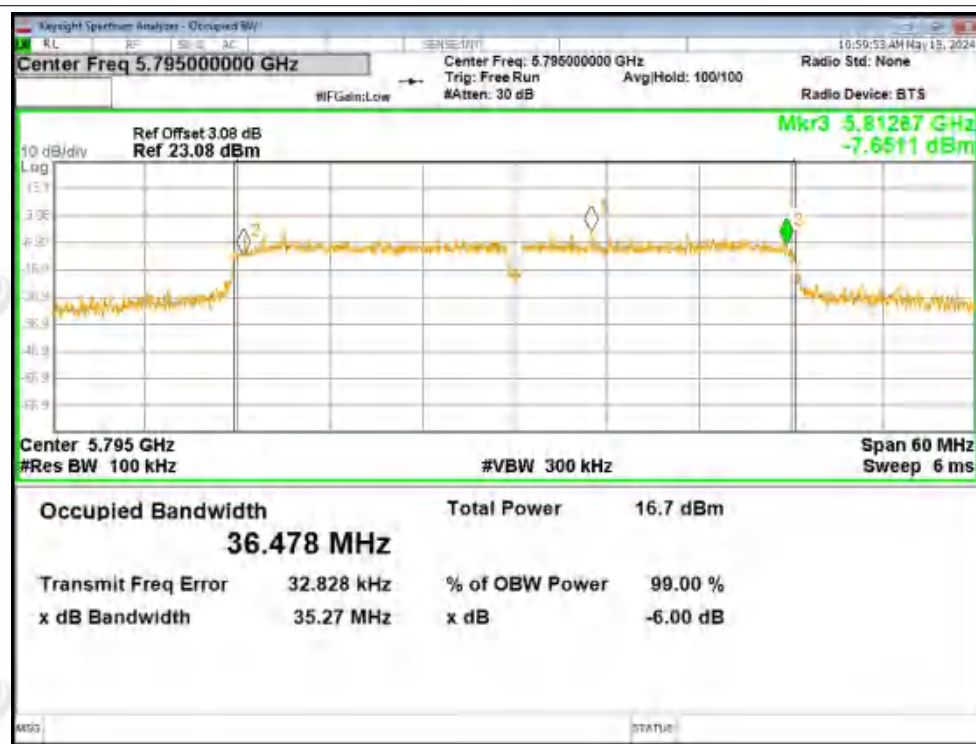
-6dB Bandwidth NVNT ac40 5795MHz Ant1



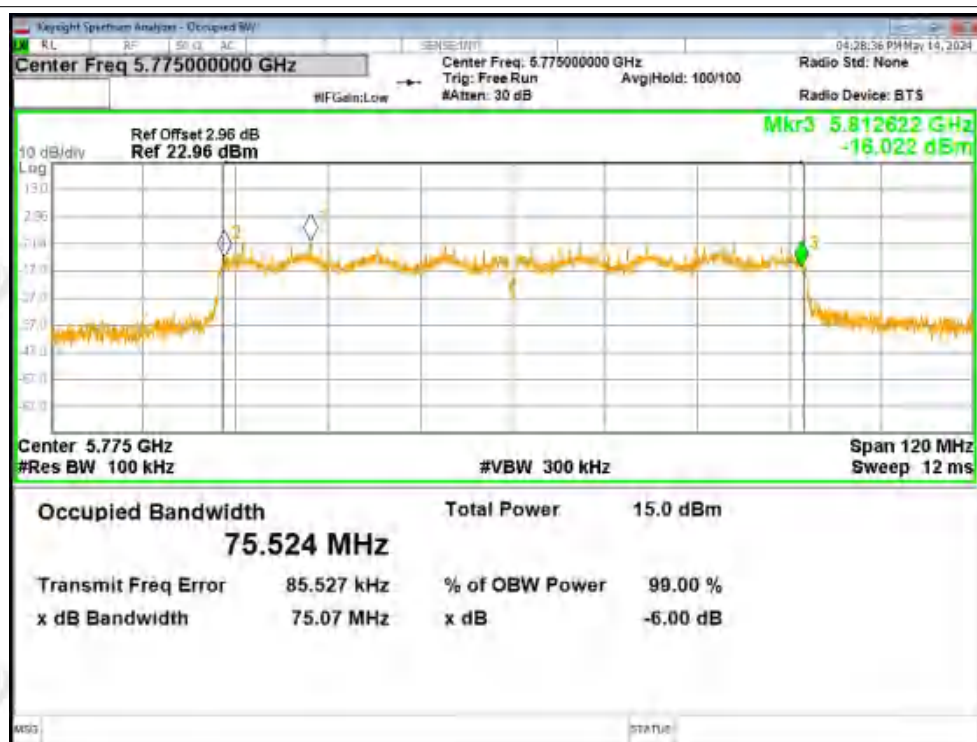
-6dB Bandwidth NVNT ac40 5755MHz Ant2



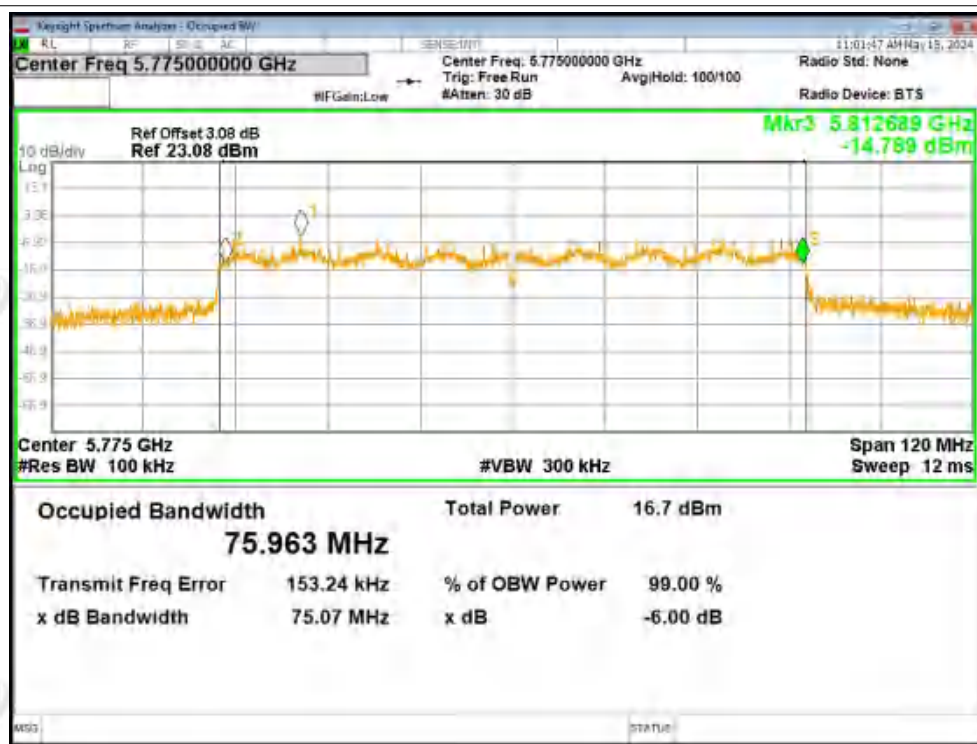
-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant2

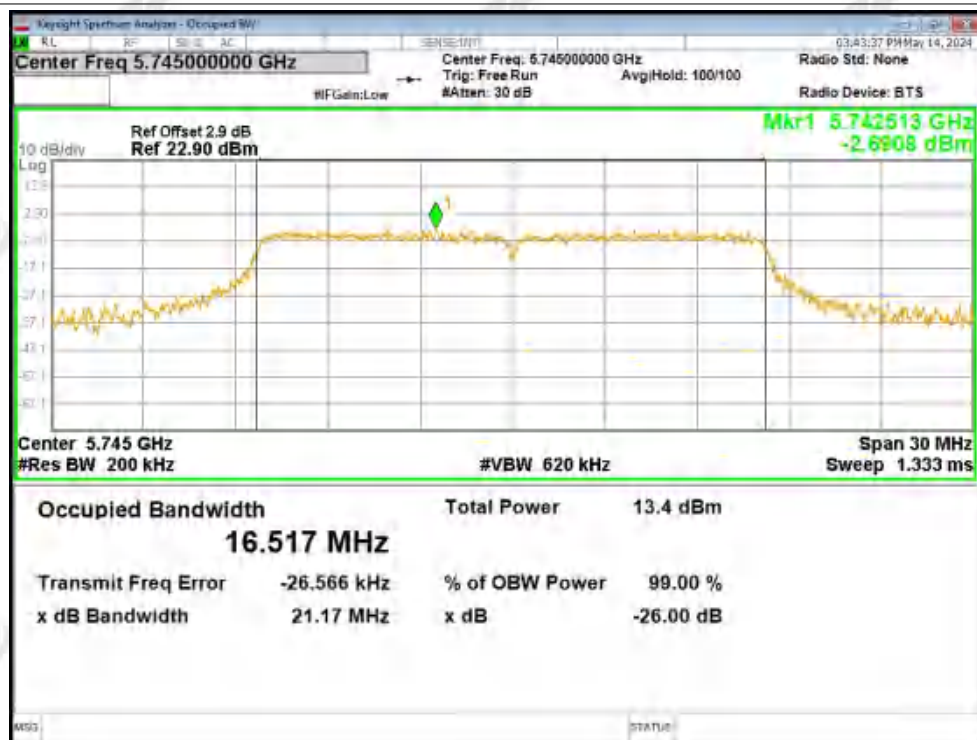


**B4. Occupied Channel Bandwidth**

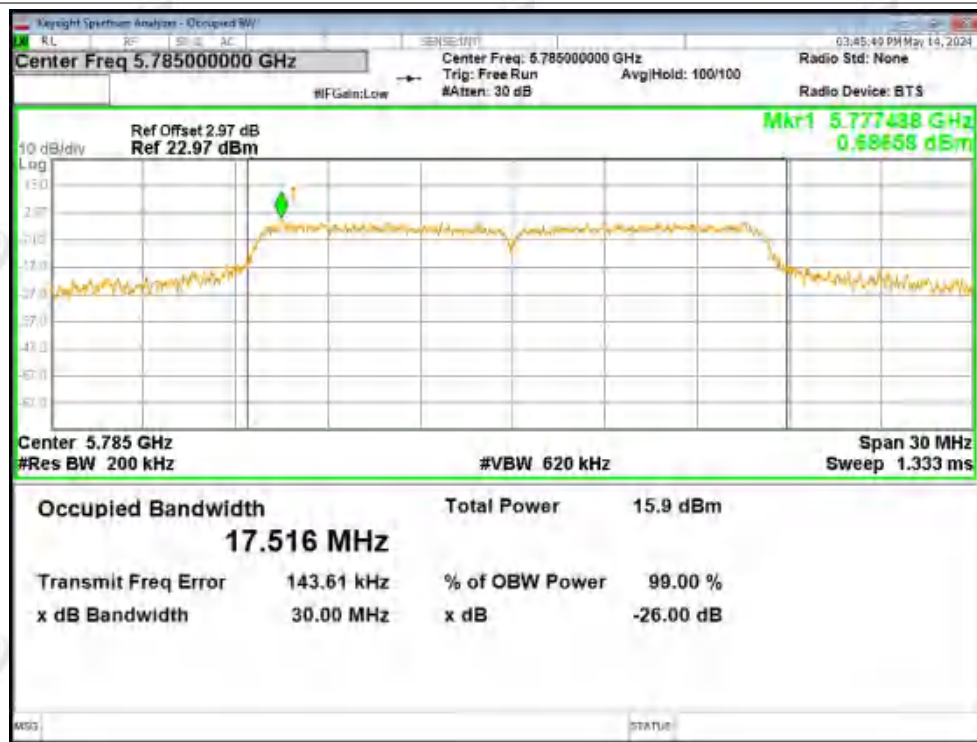
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.517
NVNT	a	5785	Ant1	17.516
NVNT	a	5825	Ant1	19.534
NVNT	a	5745	Ant2	16.961
NVNT	a	5785	Ant2	18.112
NVNT	a	5825	Ant2	18.203
NVNT	n20	5745	Ant1	17.802
NVNT	n20	5785	Ant1	18.124
NVNT	n20	5825	Ant1	19.866
NVNT	n20	5745	Ant2	17.725
NVNT	n20	5785	Ant2	18.008
NVNT	n20	5825	Ant2	18.507
NVNT	n40	5755	Ant1	36.298
NVNT	n40	5795	Ant1	36.441
NVNT	n40	5755	Ant2	36.961
NVNT	n40	5795	Ant2	37.41
NVNT	ac20	5745	Ant1	17.801
NVNT	ac20	5785	Ant1	18.21
NVNT	ac20	5825	Ant1	20.029
NVNT	ac20	5745	Ant2	17.766
NVNT	ac20	5785	Ant2	17.994
NVNT	ac20	5825	Ant2	18.594
NVNT	ac40	5755	Ant1	36.233
NVNT	ac40	5795	Ant1	36.343
NVNT	ac40	5755	Ant2	36.858
NVNT	ac40	5795	Ant2	37.323
NVNT	ac80	5775	Ant1	75.672
NVNT	ac80	5775	Ant2	76.369

Test Graphs

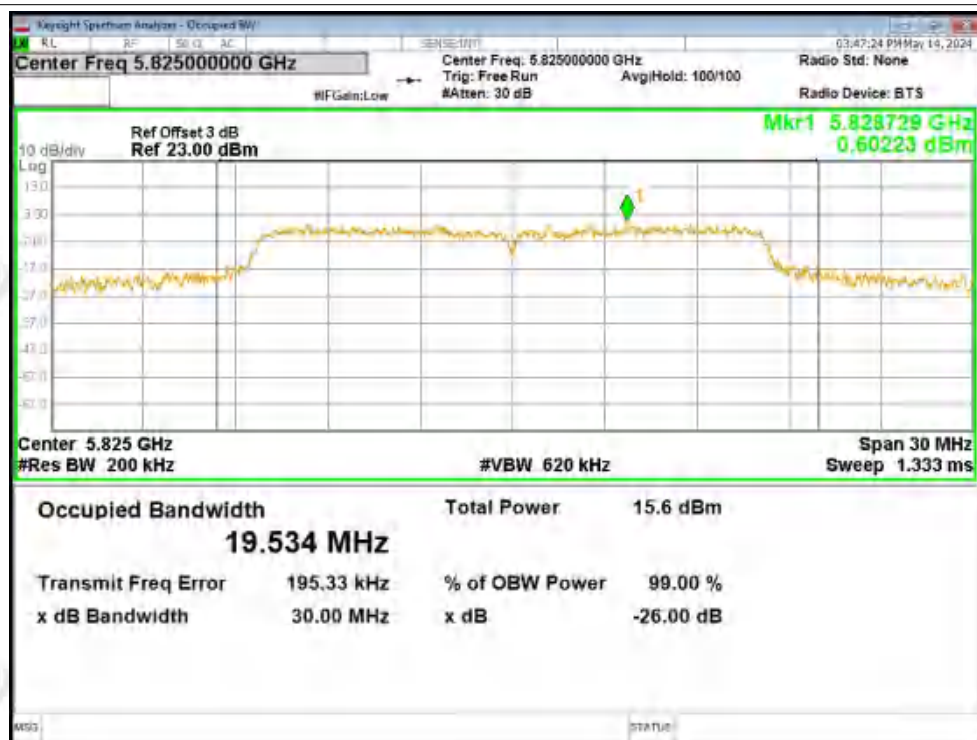
OBW NVNT a 5745MHz Ant1



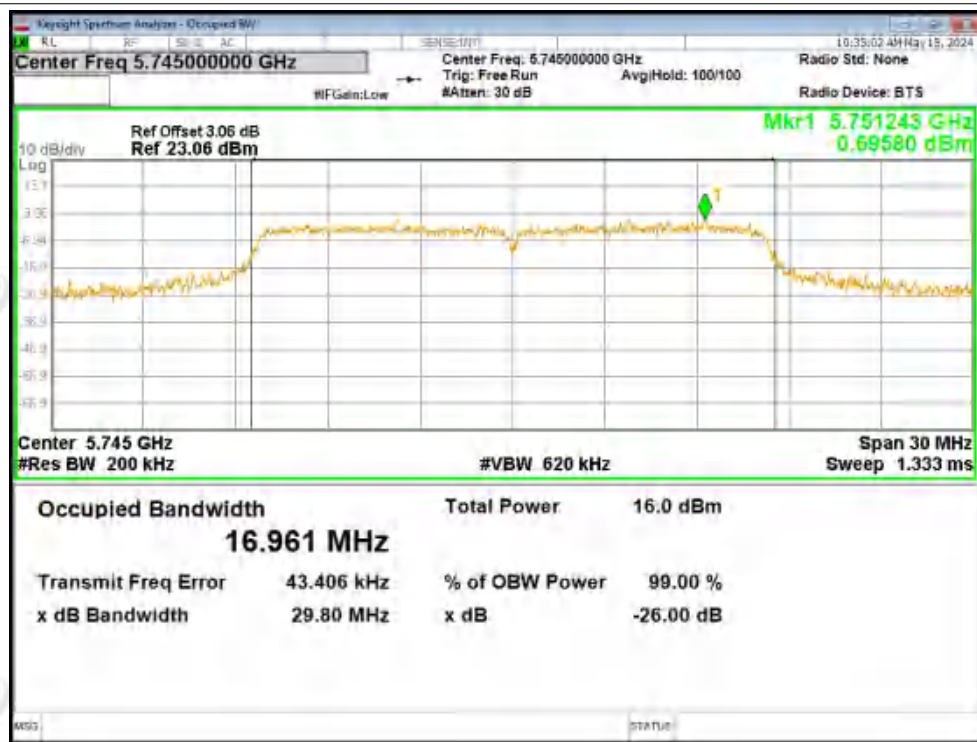
OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1

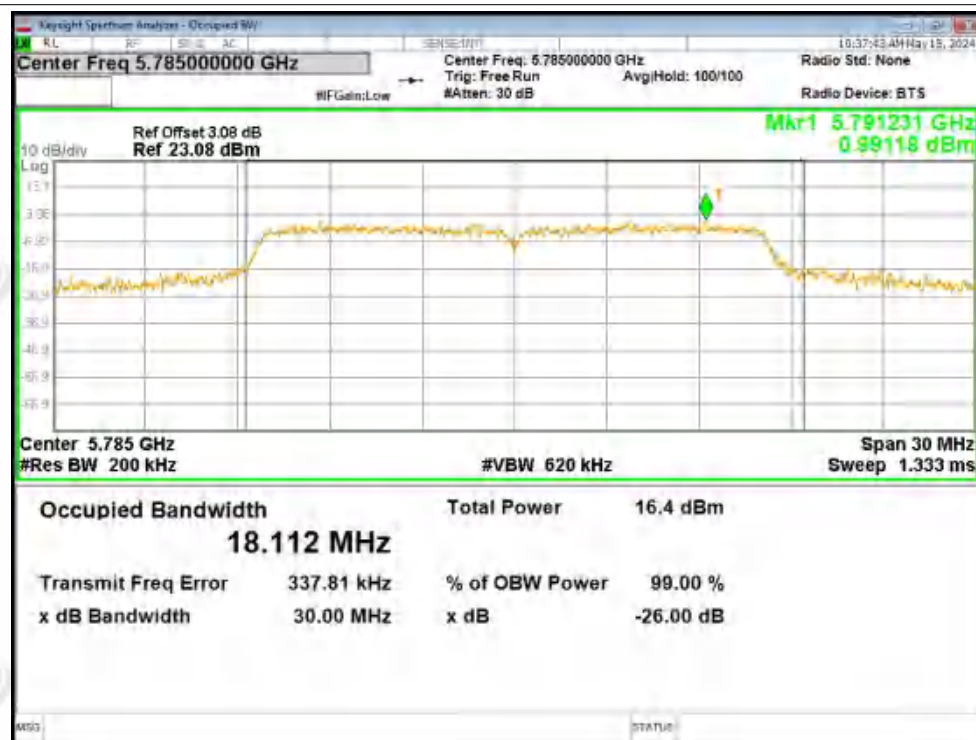


OBW NVNT a 5745MHz Ant2

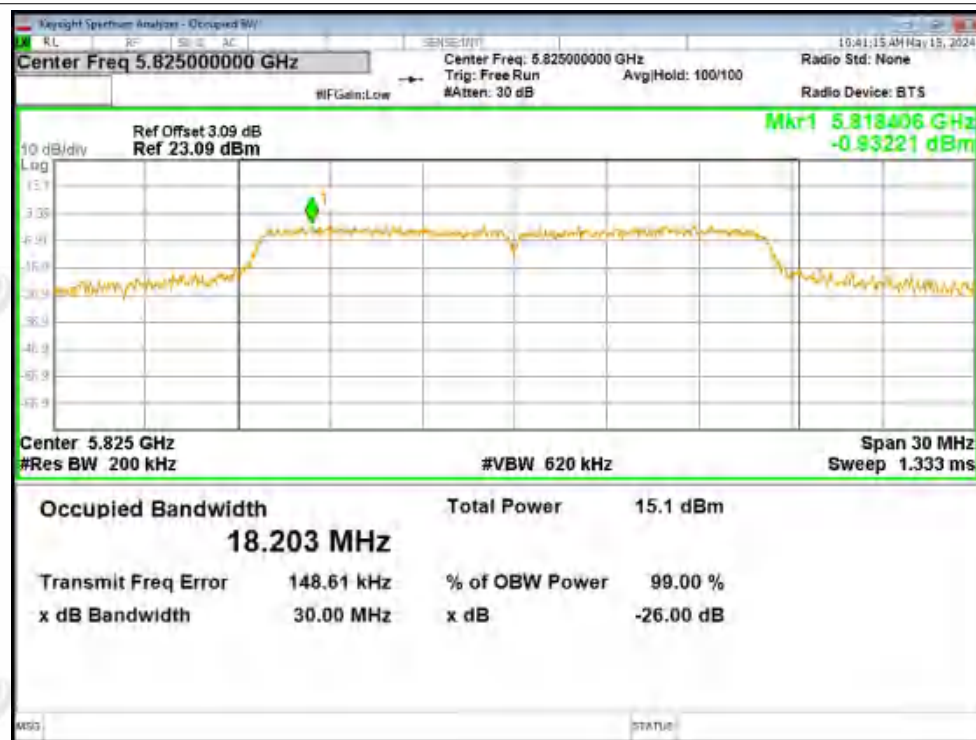




OBW NVNT a 5785MHz Ant2



OBW NVNT a 5825MHz Ant2

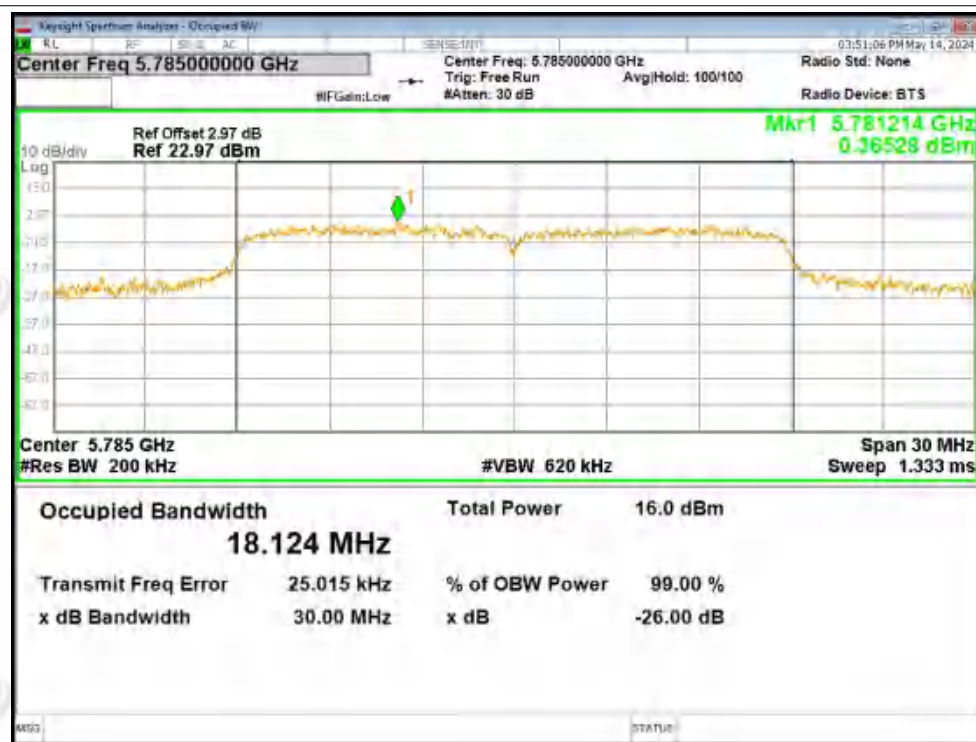




OBW NVNT n20 5745MHz Ant1

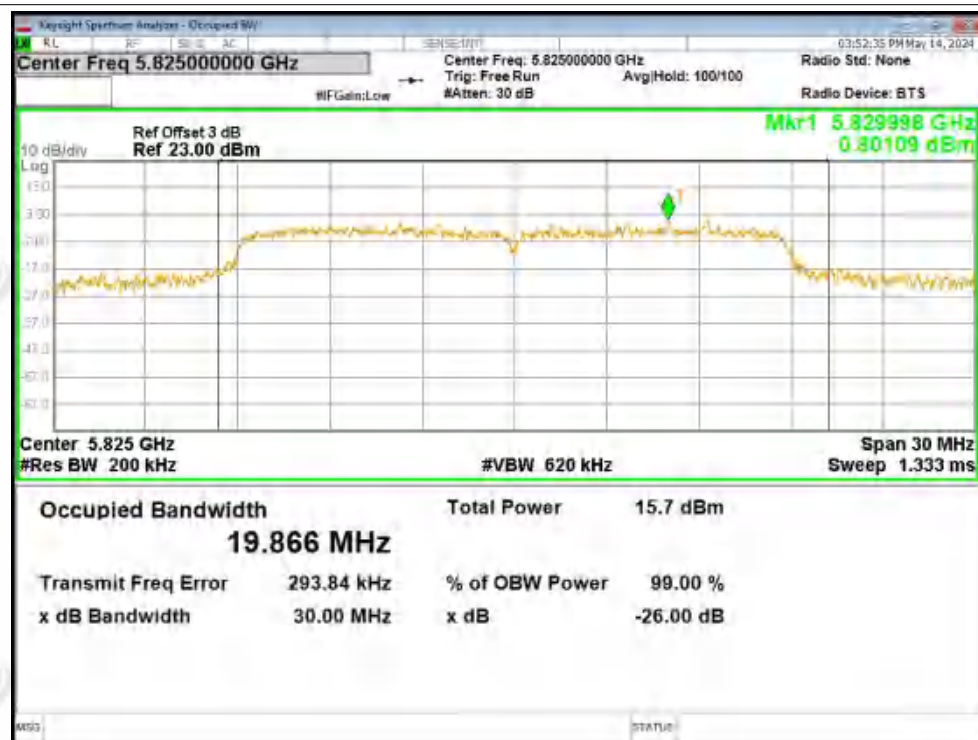


OBW NVNT n20 5785MHz Ant1

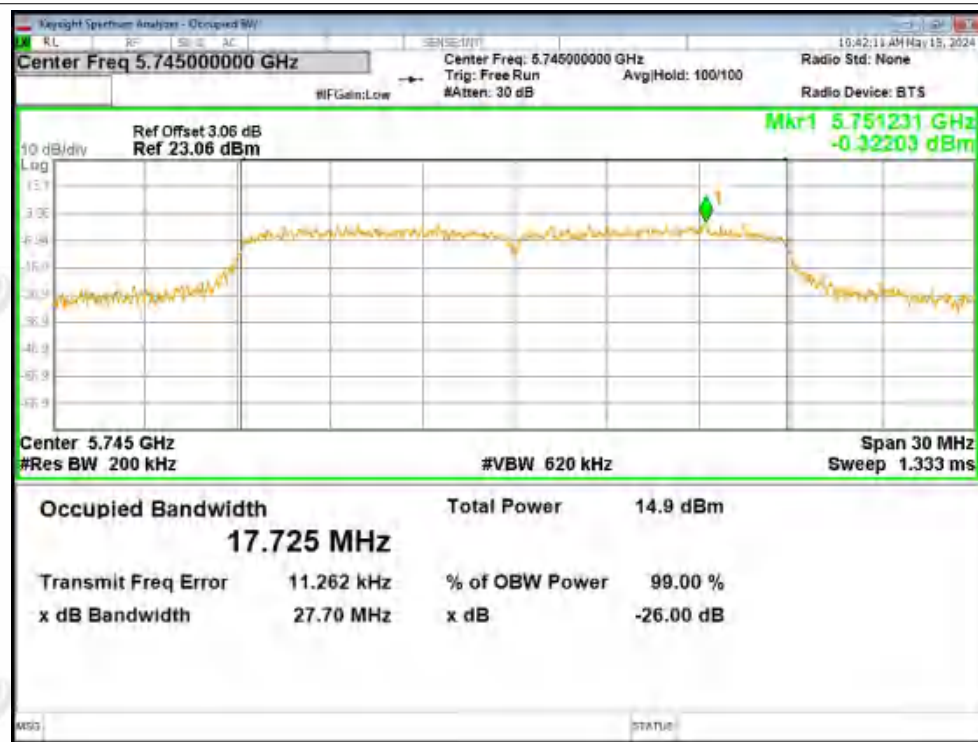




OBW NVNT n20 5825MHz Ant1

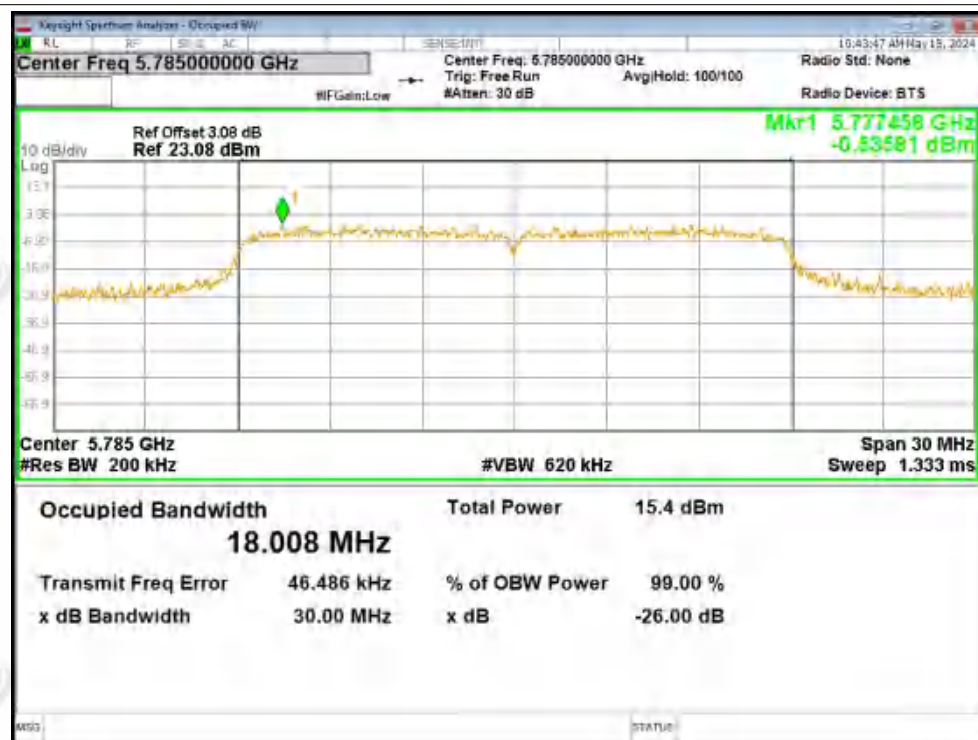


OBW NVNT n20 5745MHz Ant2

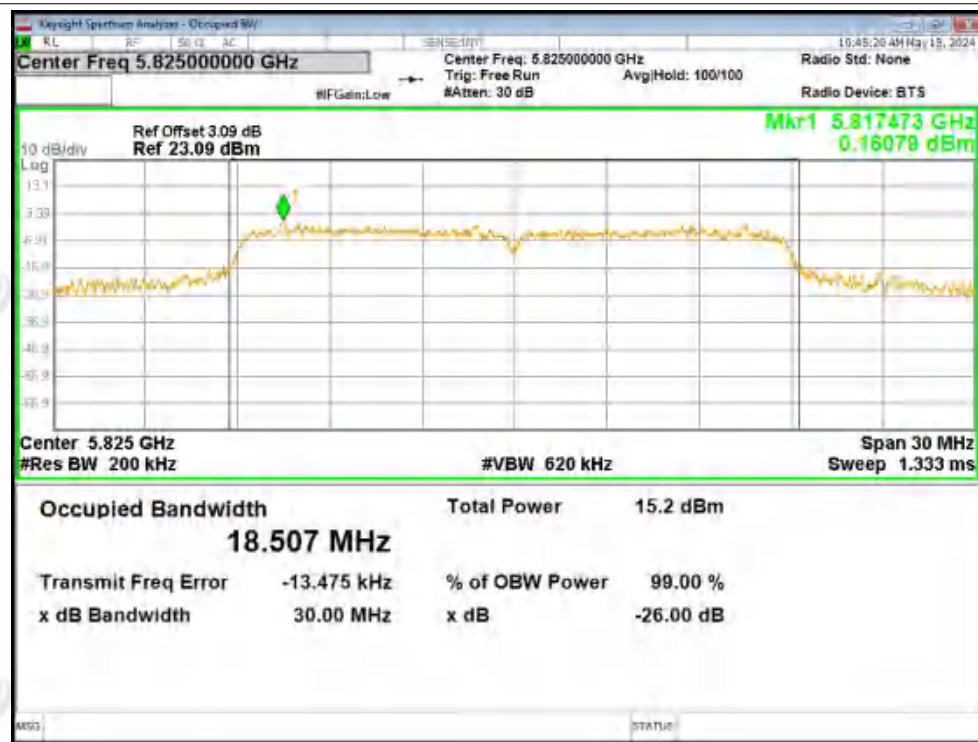




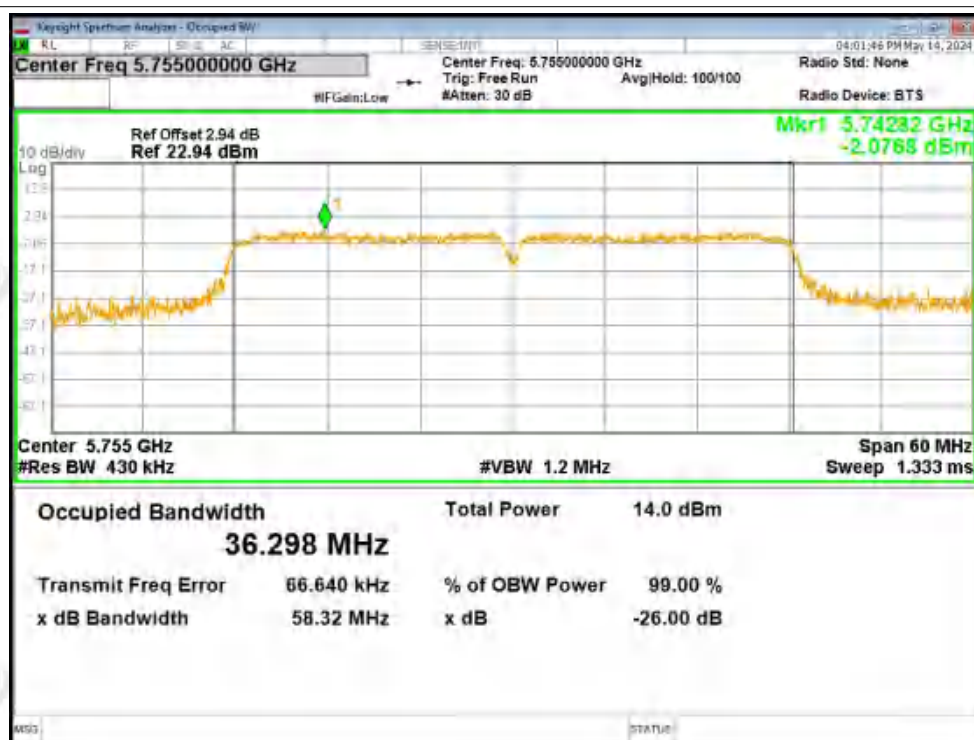
OBW NVNT n20 5785MHz Ant2



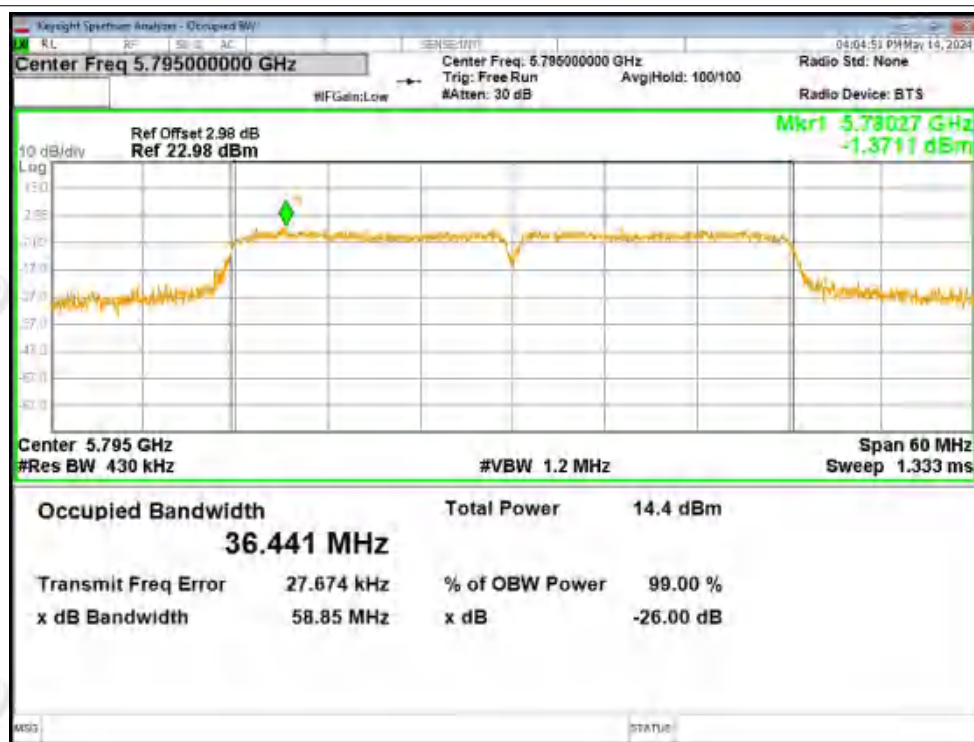
OBW NVNT n20 5825MHz Ant2



OBW NVNT n40 5755MHz Ant1

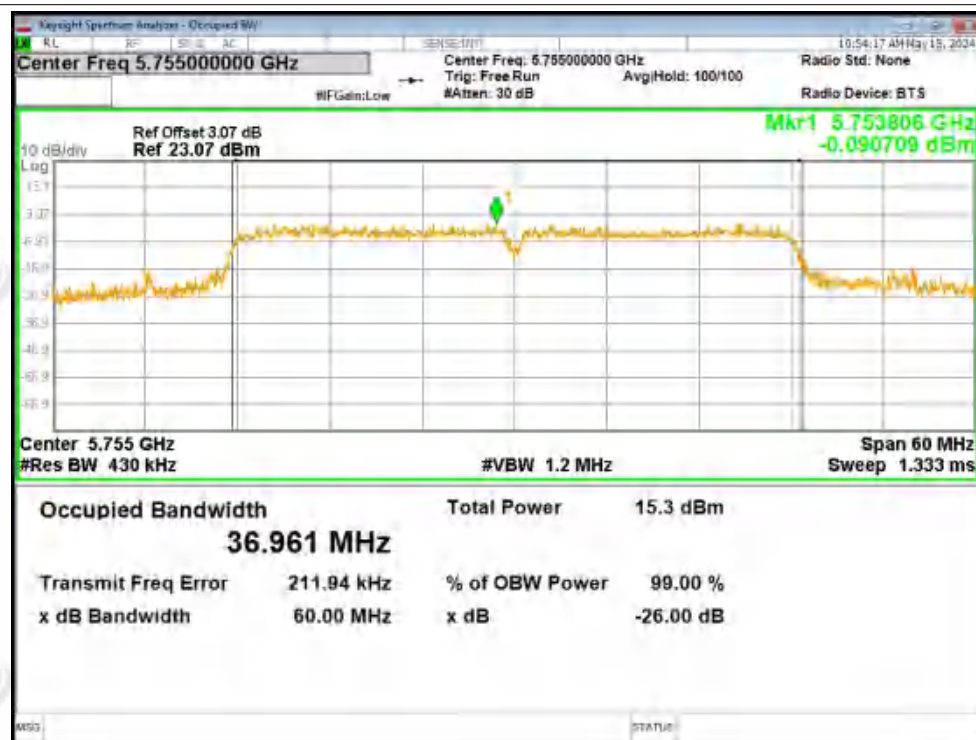


OBW NVNT n40 5795MHz Ant1

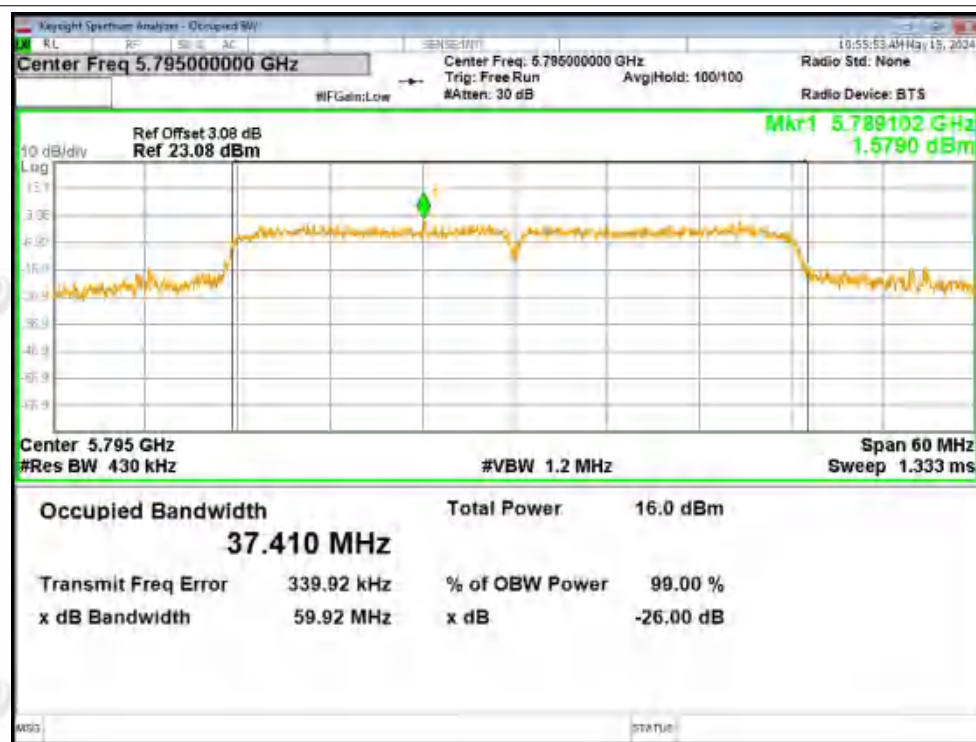




OBW NVNT n40 5755MHz Ant2

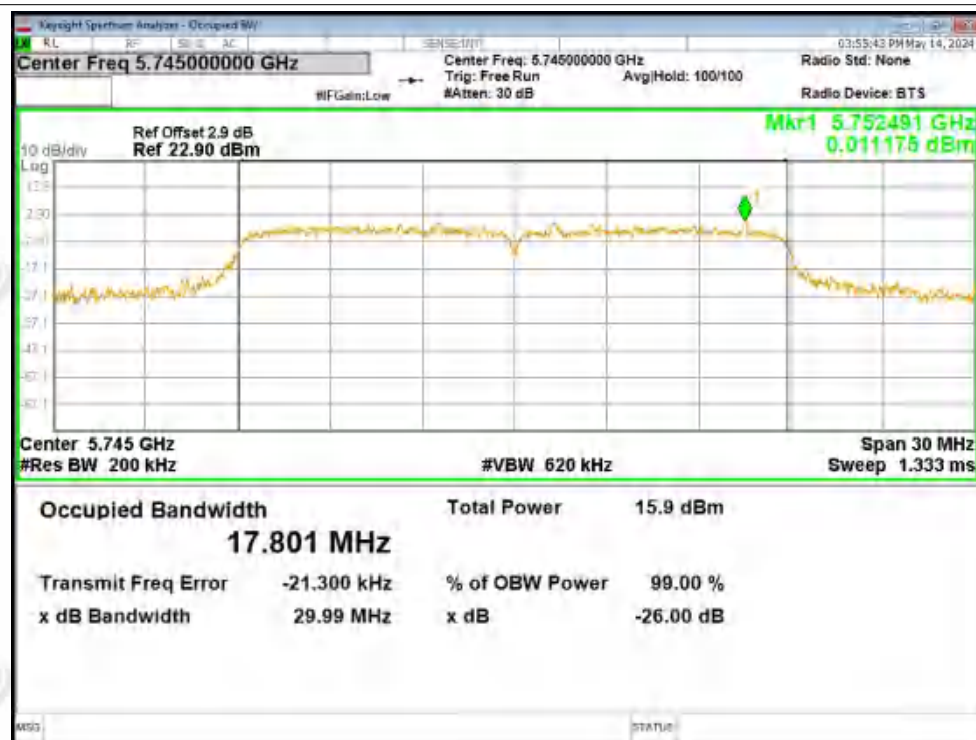


OBW NVNT n40 5795MHz Ant2

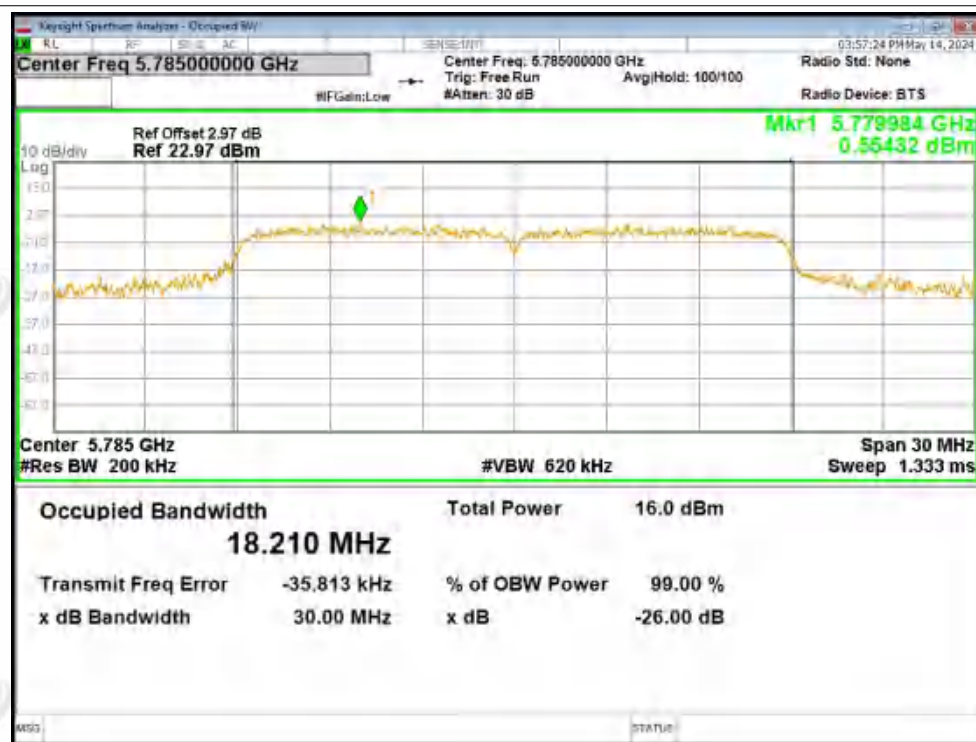




OBW NVNT ac20 5745MHz Ant1

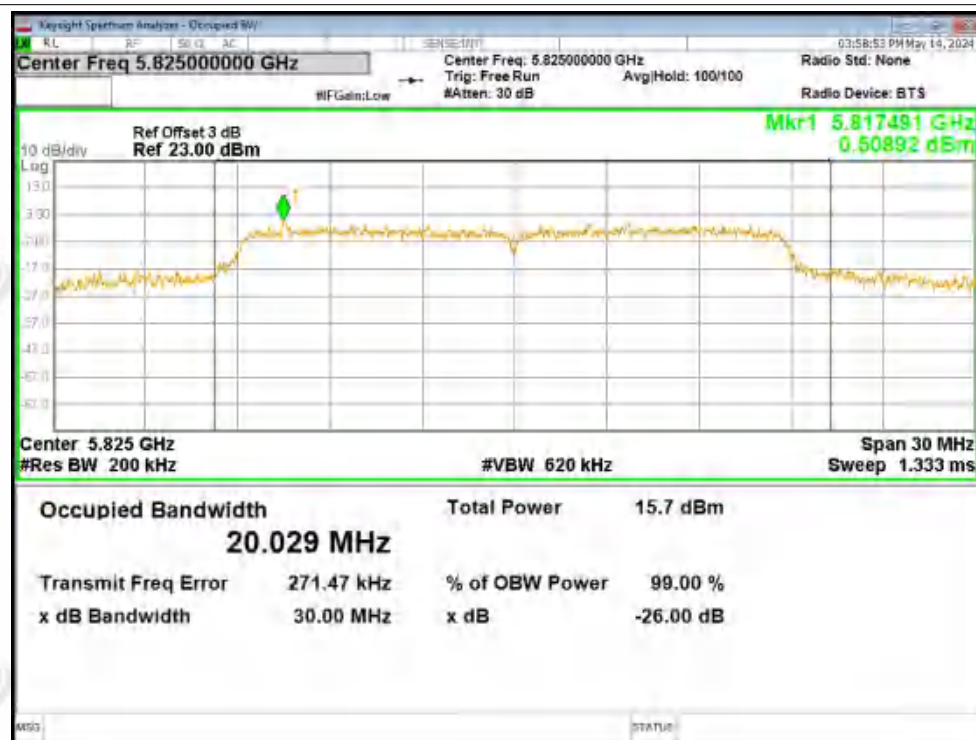


OBW NVNT ac20 5785MHz Ant1

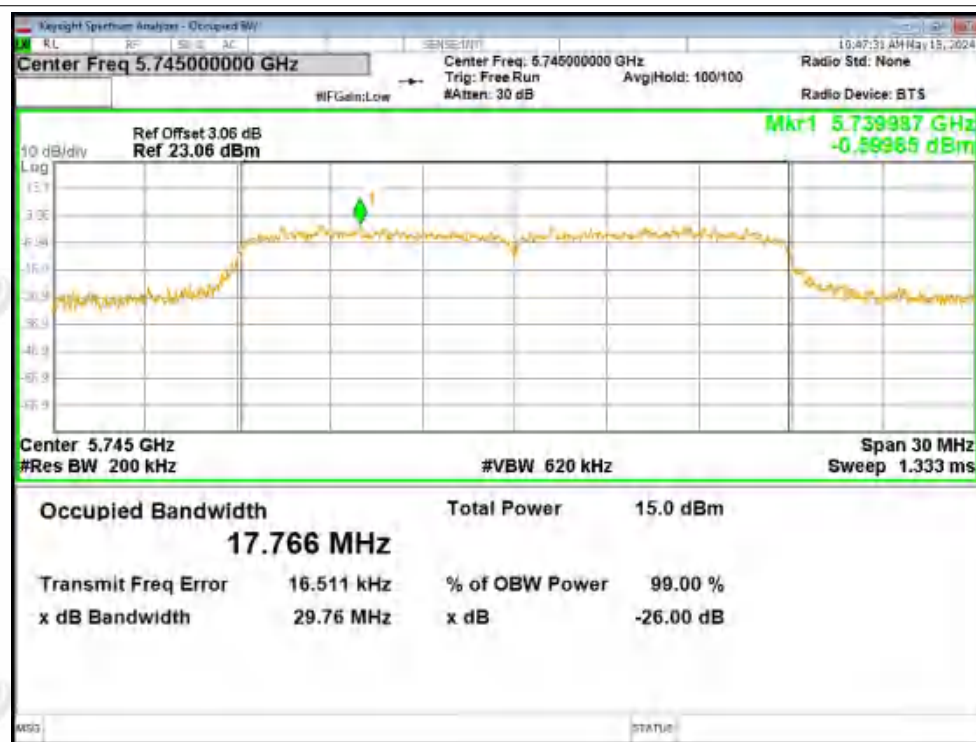




OBW NVNT ac20 5825MHz Ant1

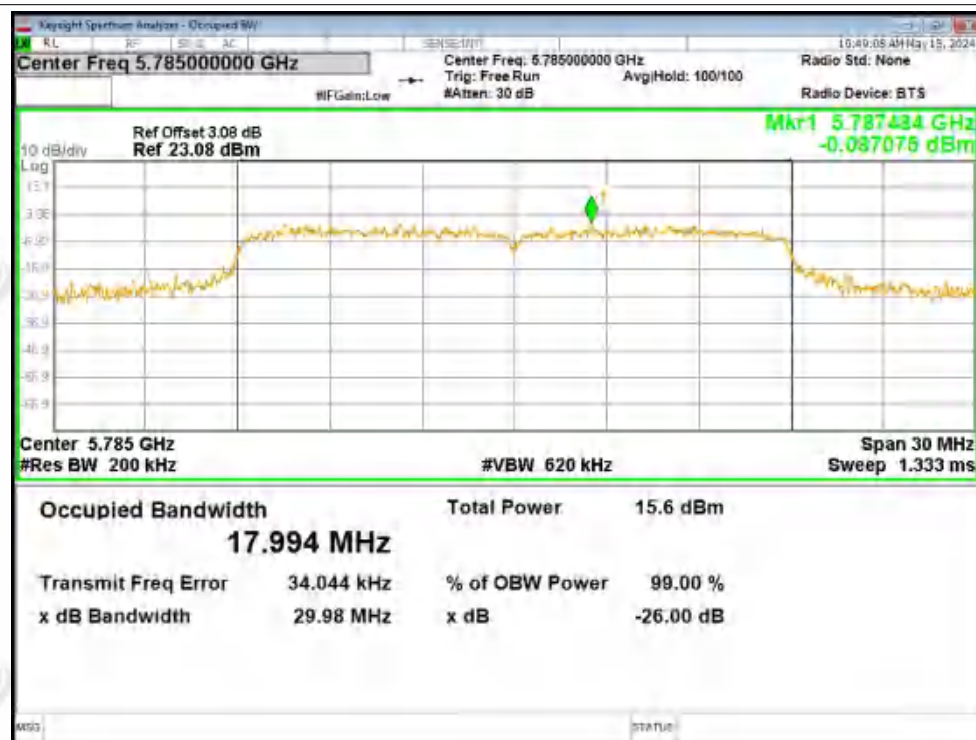


OBW NVNT ac20 5745MHz Ant2

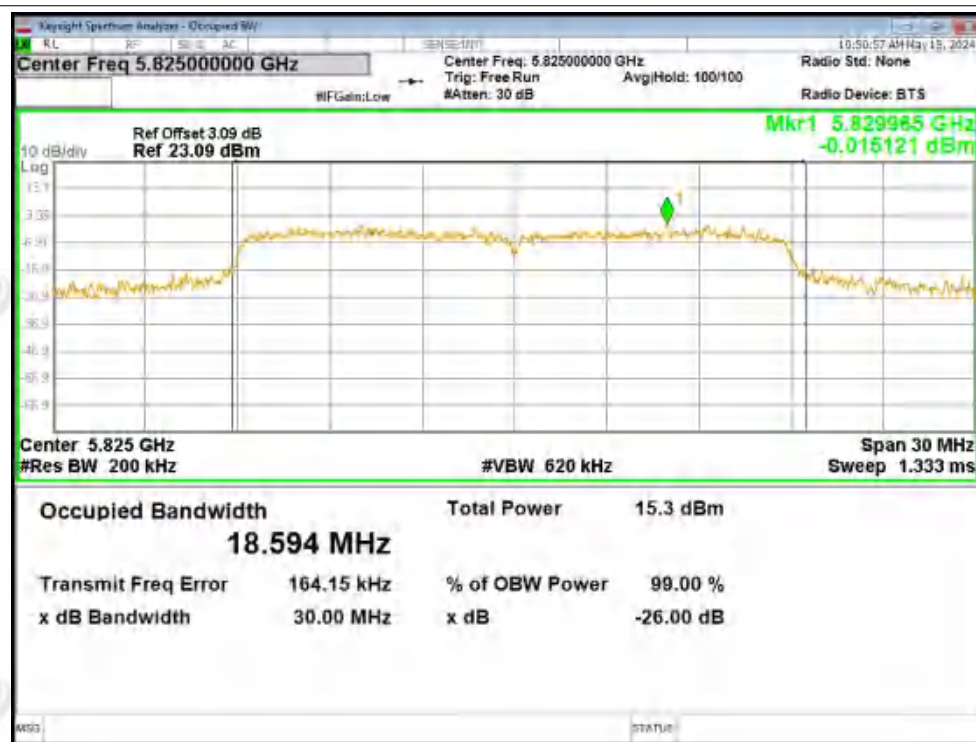




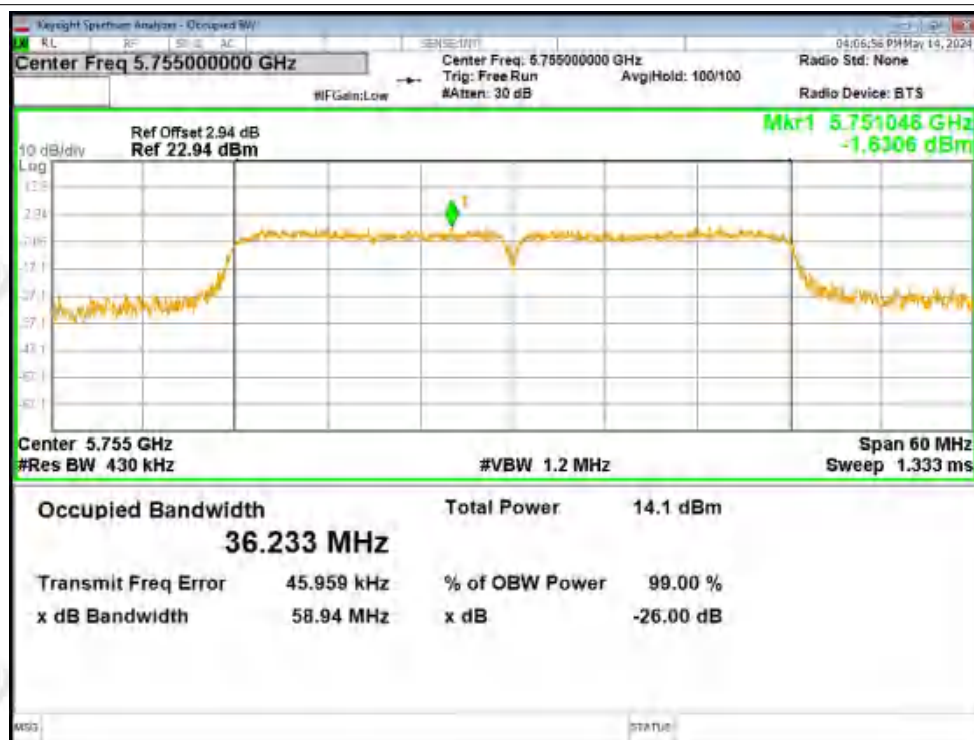
OBW NVNT ac20 5785MHz Ant2



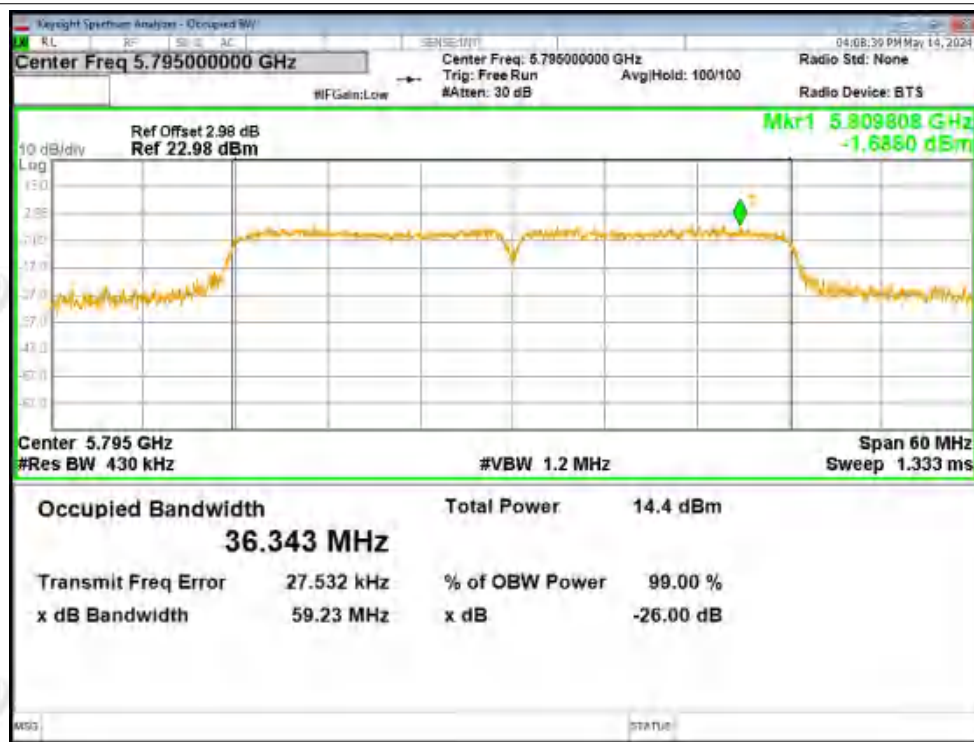
OBW NVNT ac20 5825MHz Ant2



OBW NVNT ac40 5755MHz Ant1

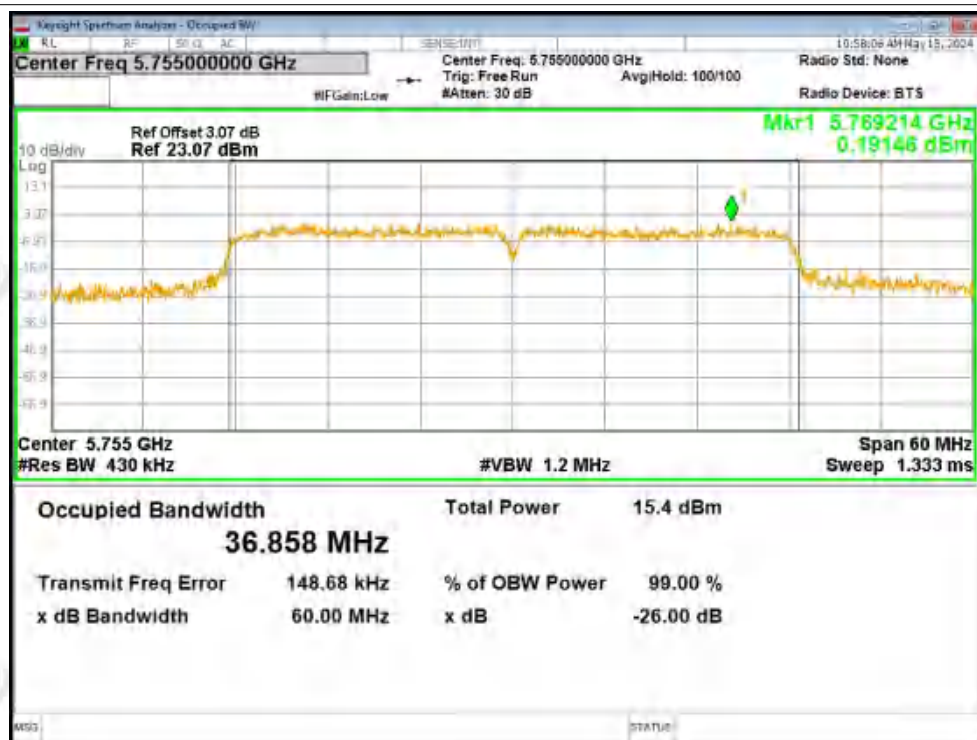


OBW NVNT ac40 5795MHz Ant1

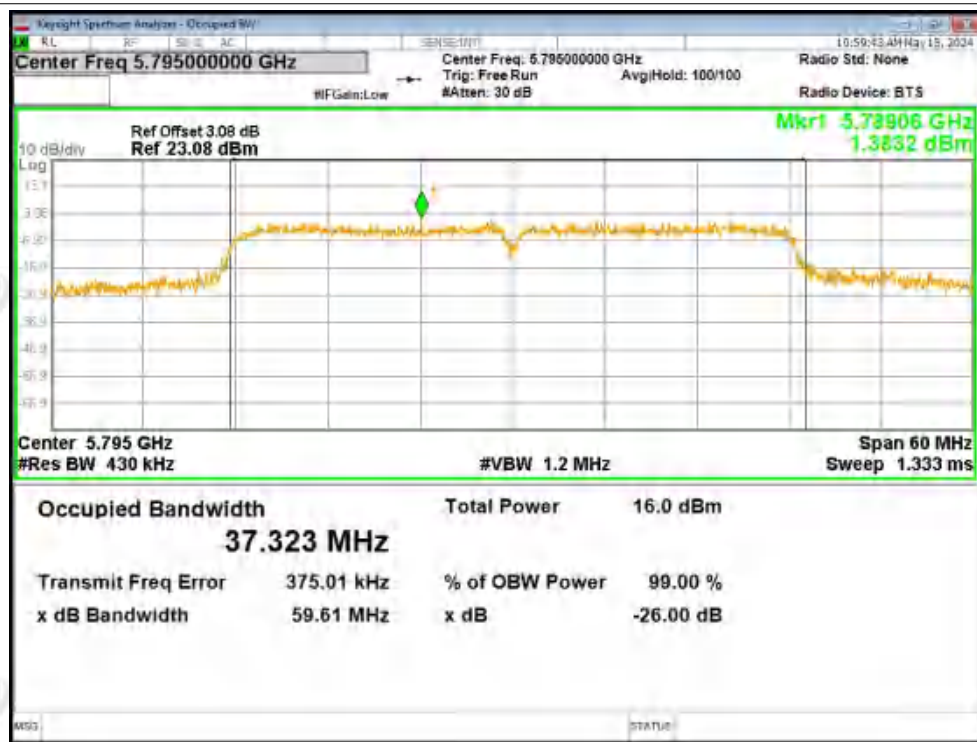




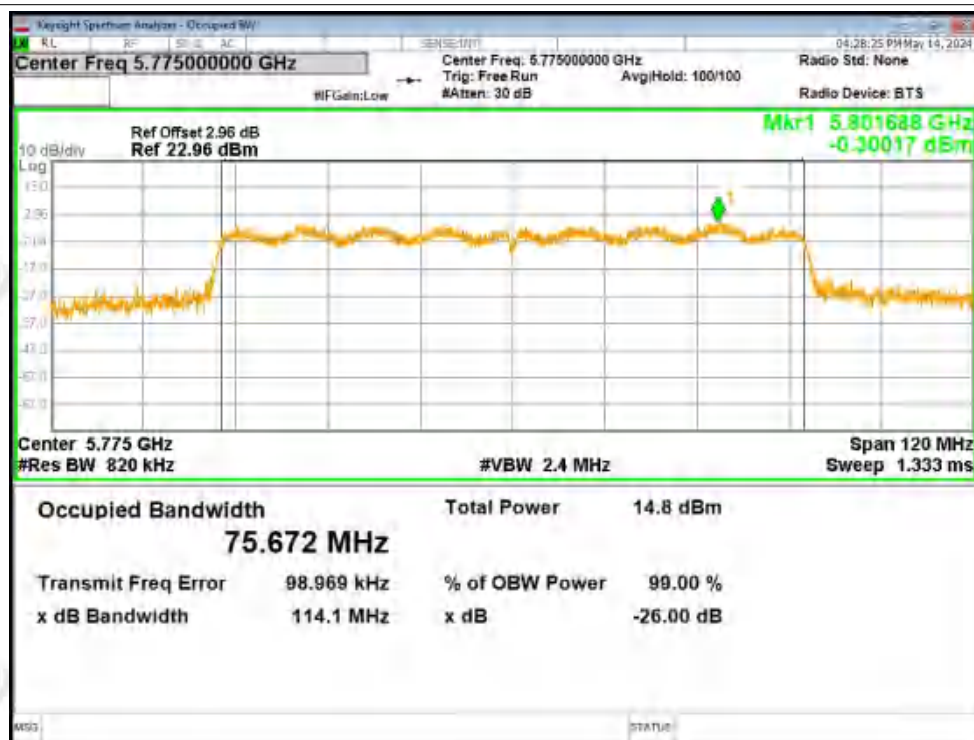
OBW NVNT ac40 5755MHz Ant2



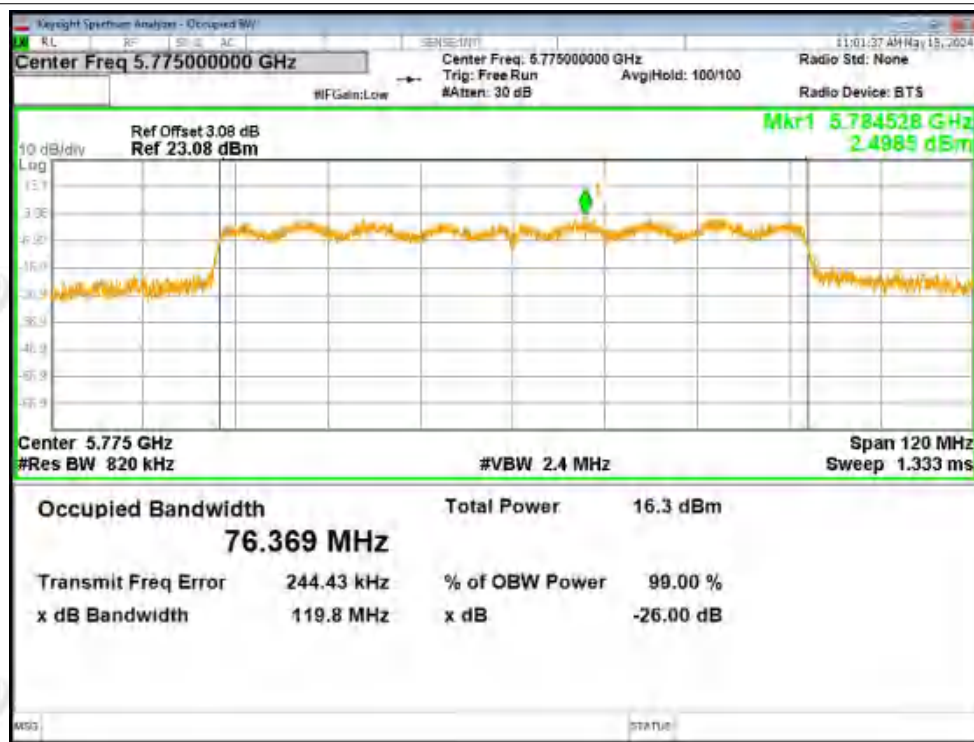
OBW NVNT ac40 5795MHz Ant2



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	-25.4	2.41	-22.99	30	Pass
NVNT	a	5785	Ant1	-24.81	2.39	-22.42	30	Pass
NVNT	a	5825	Ant1	-23.23	2.39	-20.84	30	Pass
NVNT	a	5745	Ant2	-26.83	2.39	-24.44	30	Pass
NVNT	a	5785	Ant2	-21.47	2.39	-19.08	30	Pass
NVNT	a	5825	Ant2	-31.74	2.39	-29.35	30	Pass
NVNT	n20	5745	Ant1	-26.71	2.54	-24.17	30	Pass
NVNT	n20	5785	Ant1	-26.14	2.52	-23.62	30	Pass
NVNT	n20	5825	Ant1	-27.5	2.54	-24.96	30	Pass
NVNT	n20	5745	Ant2	-30.64	2.72	-27.92	30	Pass
NVNT	n20	5785	Ant2	-28.82	2.72	-26.1	30	Pass
NVNT	n20	5825	Ant2	-33.51	2.72	-30.79	30	Pass
NVNT	n40	5755	Ant1	-36.16	4.16	-32	30	Pass
NVNT	n40	5795	Ant1	-38.4	4.13	-34.27	30	Pass
NVNT	n40	5755	Ant2	-39.19	4.43	-34.76	30	Pass
NVNT	n40	5795	Ant2	-40.72	4.43	-36.29	30	Pass
NVNT	ac20	5745	Ant1	-29.23	2.51	-26.72	30	Pass
NVNT	ac20	5785	Ant1	-23.42	2.53	-20.89	30	Pass
NVNT	ac20	5825	Ant1	-27.15	2.51	-24.64	30	Pass
NVNT	ac20	5745	Ant2	-28.41	2.72	-25.69	30	Pass
NVNT	ac20	5785	Ant2	-29.19	2.7	-26.49	30	Pass
NVNT	ac20	5825	Ant2	-29.27	2.74	-26.53	30	Pass
NVNT	ac40	5755	Ant1	-33.61	4.09	-29.52	30	Pass
NVNT	ac40	5795	Ant1	-34.19	4.09	-30.1	30	Pass
NVNT	ac40	5755	Ant2	-40.3	4.35	-35.95	30	Pass
NVNT	ac40	5795	Ant2	-38.83	4.35	-34.48	30	Pass
NVNT	ac80	5775	Ant1	-46.68	6.15	-40.53	30	Pass
NVNT	ac80	5775	Ant2	-43.7	6.52	-37.18	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



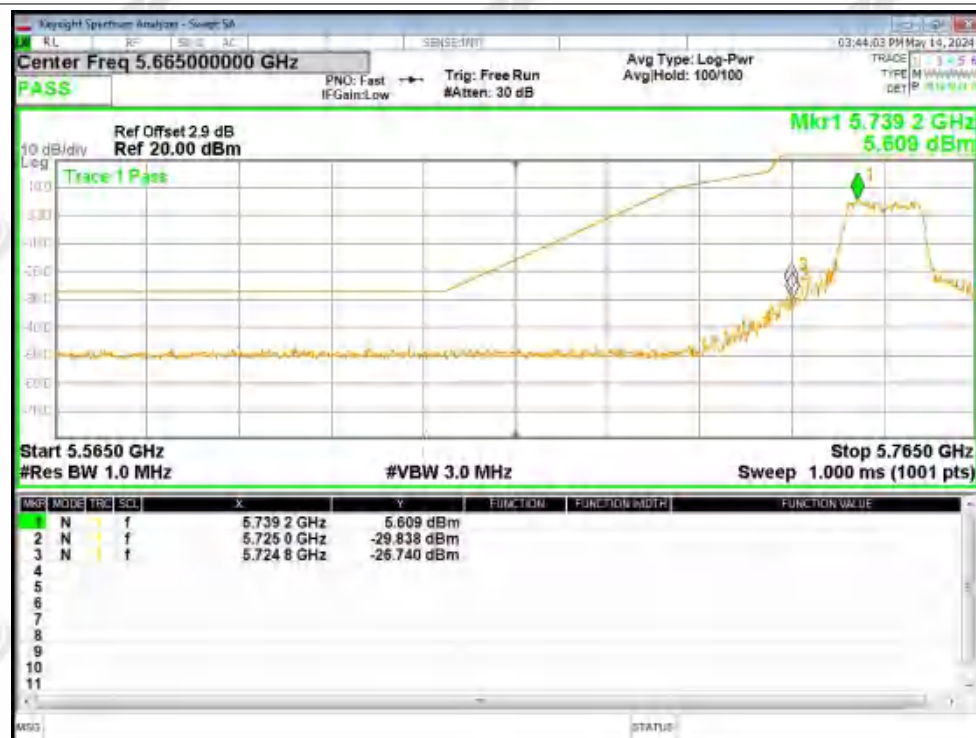


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B6. Band Edge

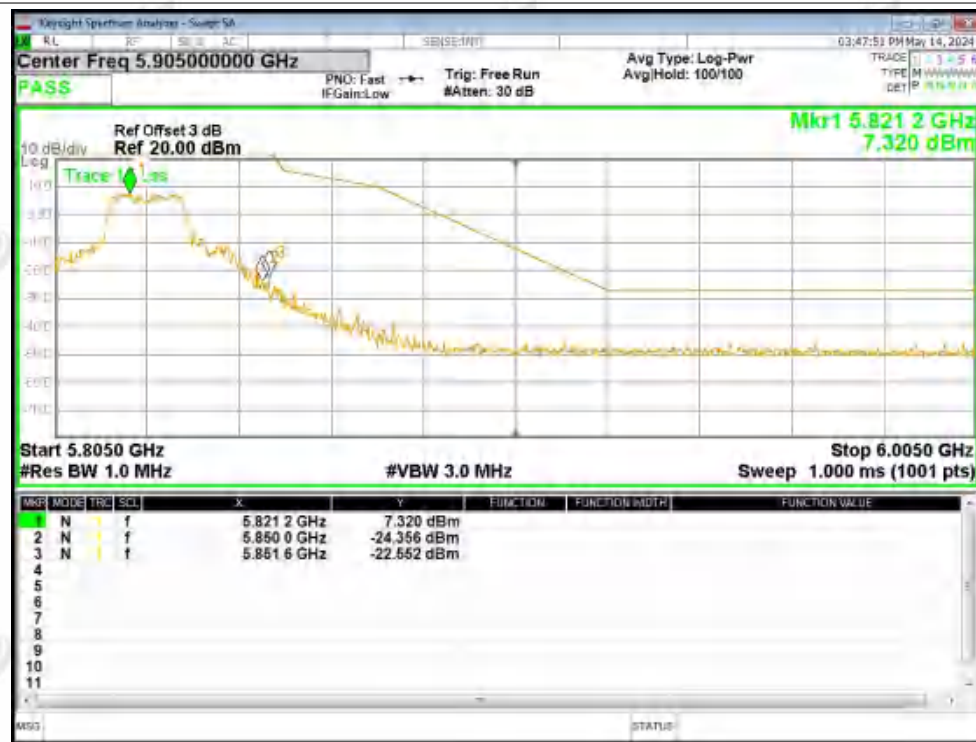
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-26.73		Pass
NVNT	a	5825	Ant1	-22.55		Pass
NVNT	a	5745	Ant2	-20.77		Pass
NVNT	a	5825	Ant2	-22.54		Pass
NVNT	n20	5745	Ant1	-19.08		Pass
NVNT	n20	5825	Ant1	-21.93		Pass
NVNT	n20	5745	Ant2	-20.03		Pass
NVNT	n20	5825	Ant2	-23.5		Pass
NVNT	n40	5755	Ant1	-22.33		Pass
NVNT	n40	5795	Ant1	-32.33		Pass
NVNT	n40	5755	Ant2	-17.8		Pass
NVNT	n40	5795	Ant2	-27.26		Pass
NVNT	ac20	5745	Ant1	-19.12		Pass
NVNT	ac20	5825	Ant1	-22.07		Pass
NVNT	ac20	5745	Ant2	-19.87		Pass
NVNT	ac20	5825	Ant2	-25.54		Pass
NVNT	ac40	5755	Ant1	-23.81		Pass
NVNT	ac40	5795	Ant1	-31.8		Pass
NVNT	ac40	5755	Ant2	-18.23		Pass
NVNT	ac40	5795	Ant2	-28.72		Pass
NVNT	ac80	5775	Ant1	-21.43		Pass
NVNT	ac80	5775	Ant2	-18		Pass

Test Graphs

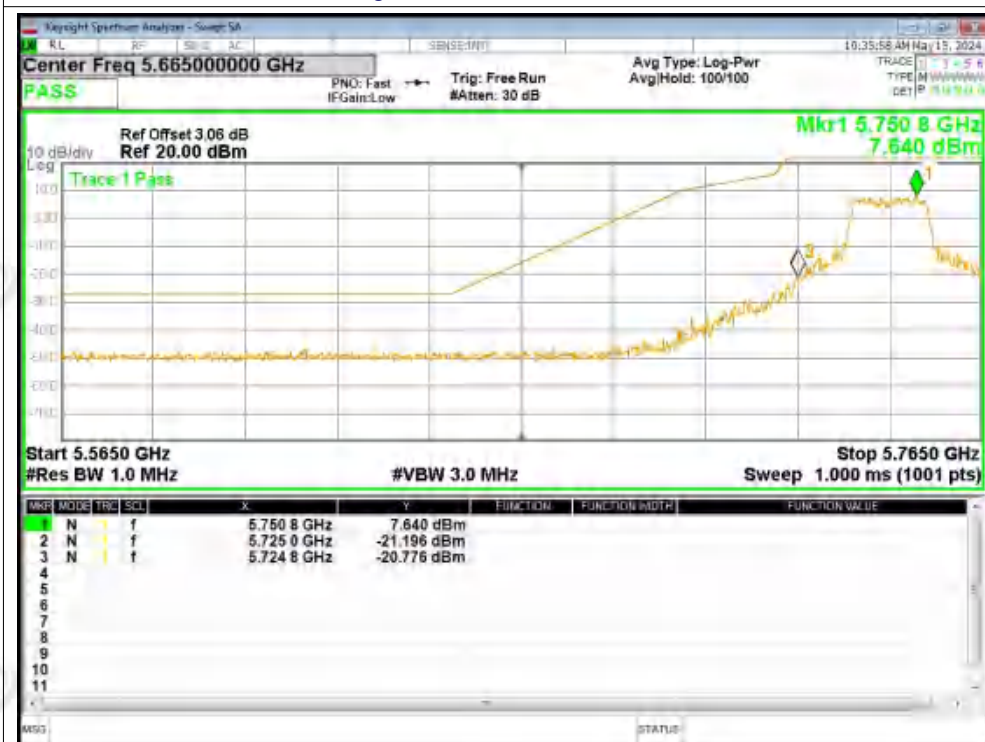
Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



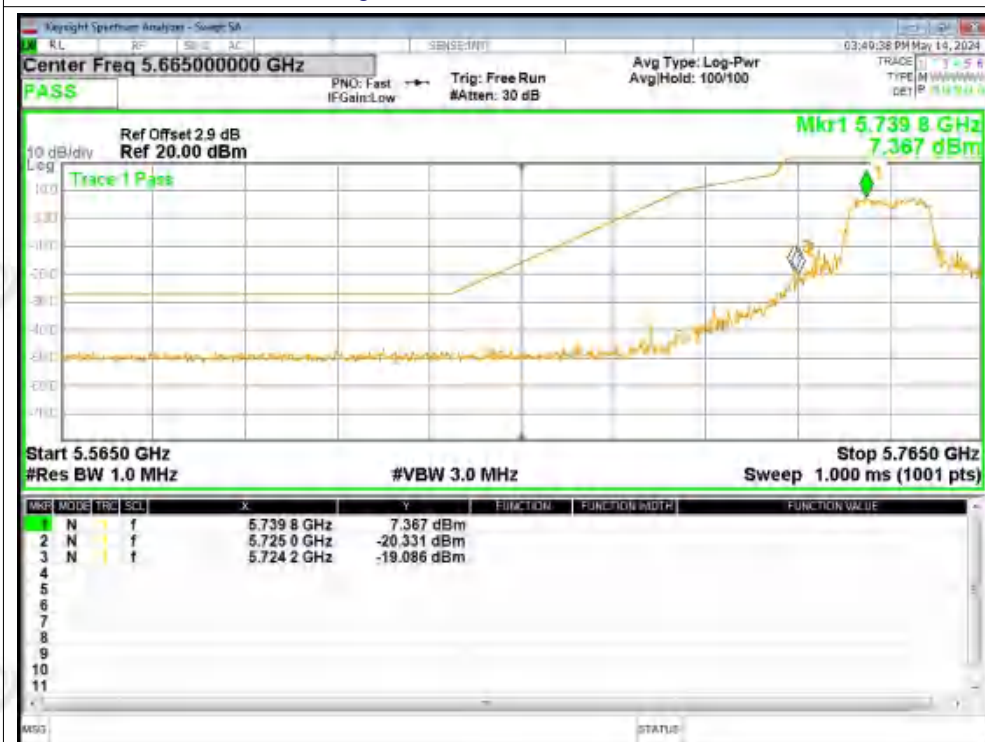
Band Edge NVNT a 5745MHz Low Ant2



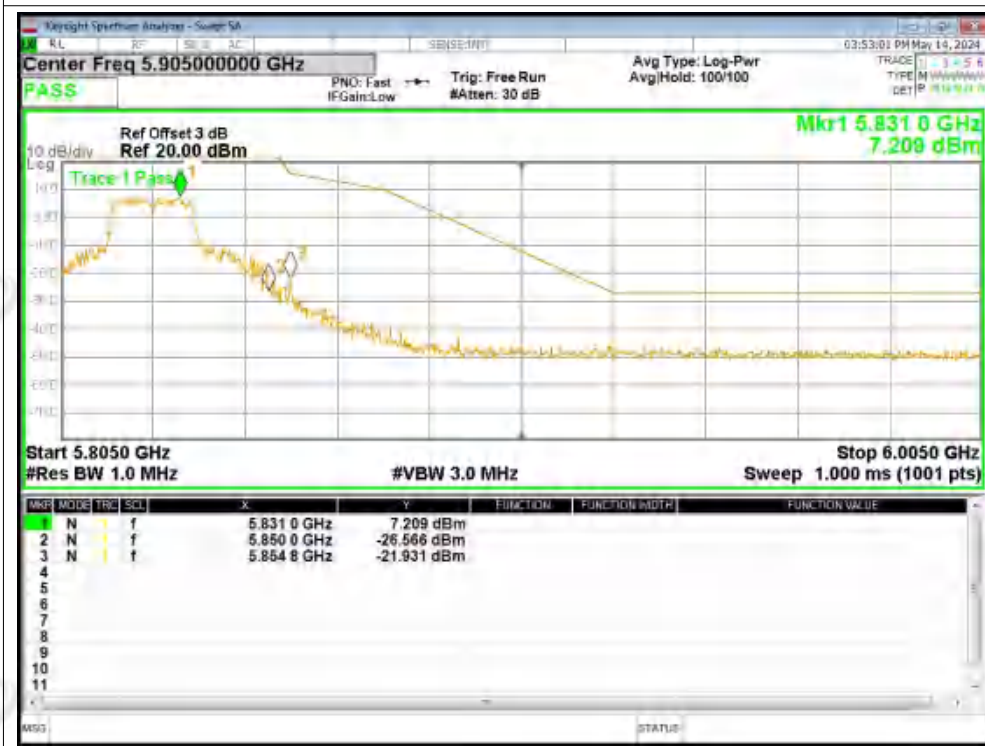
Band Edge NVNT a 5825MHz High Ant2



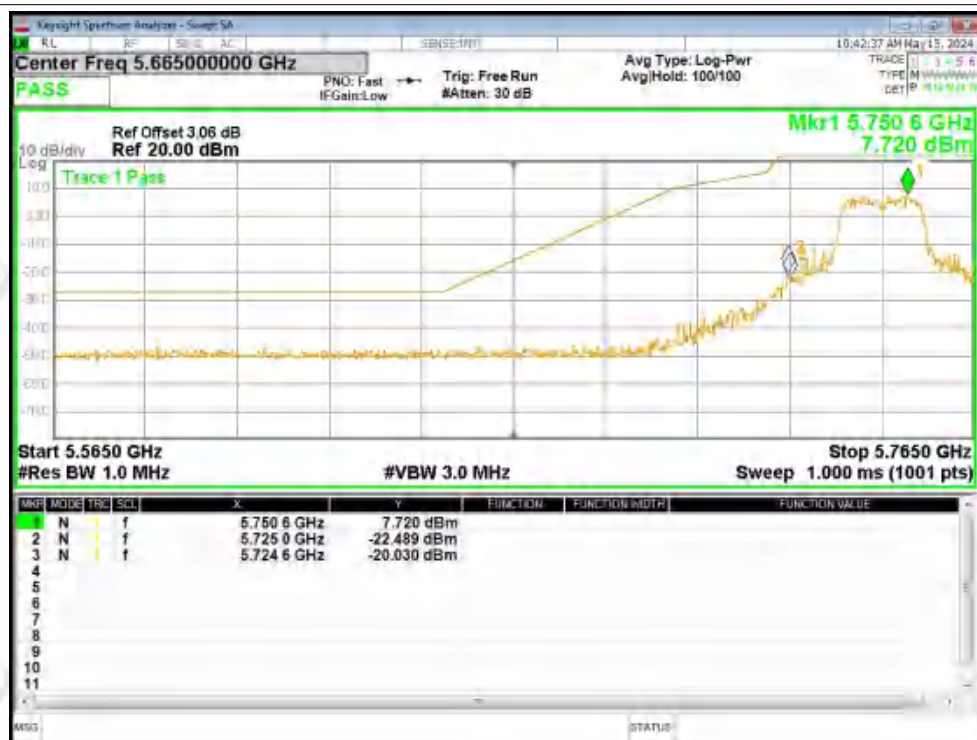
Band Edge NVNT n20 5745MHz Low Ant1



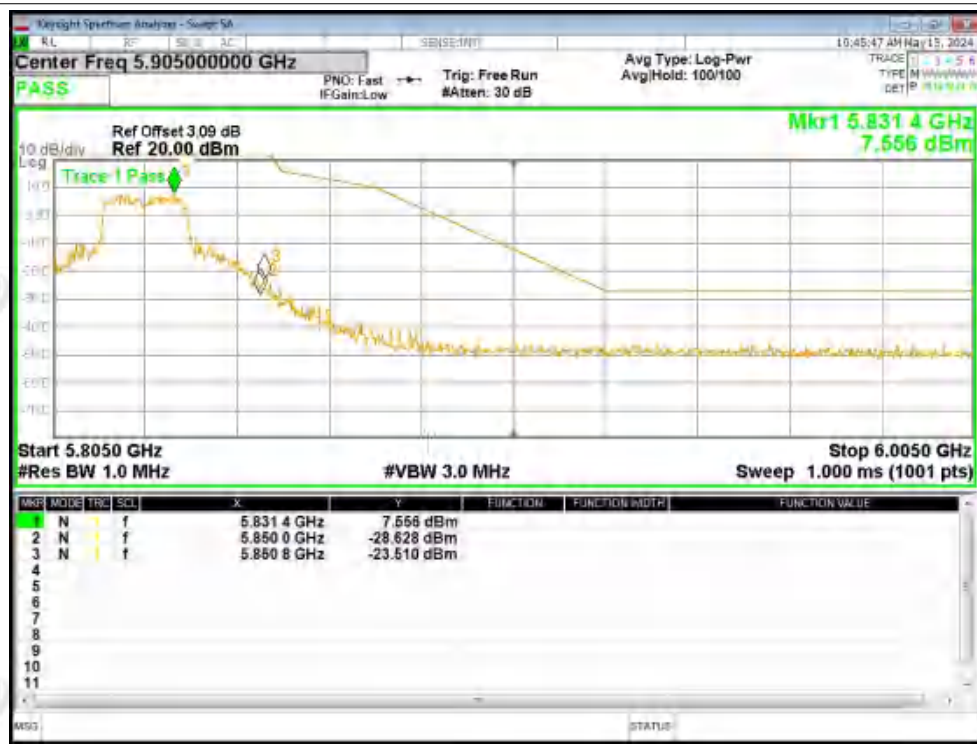
Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant2

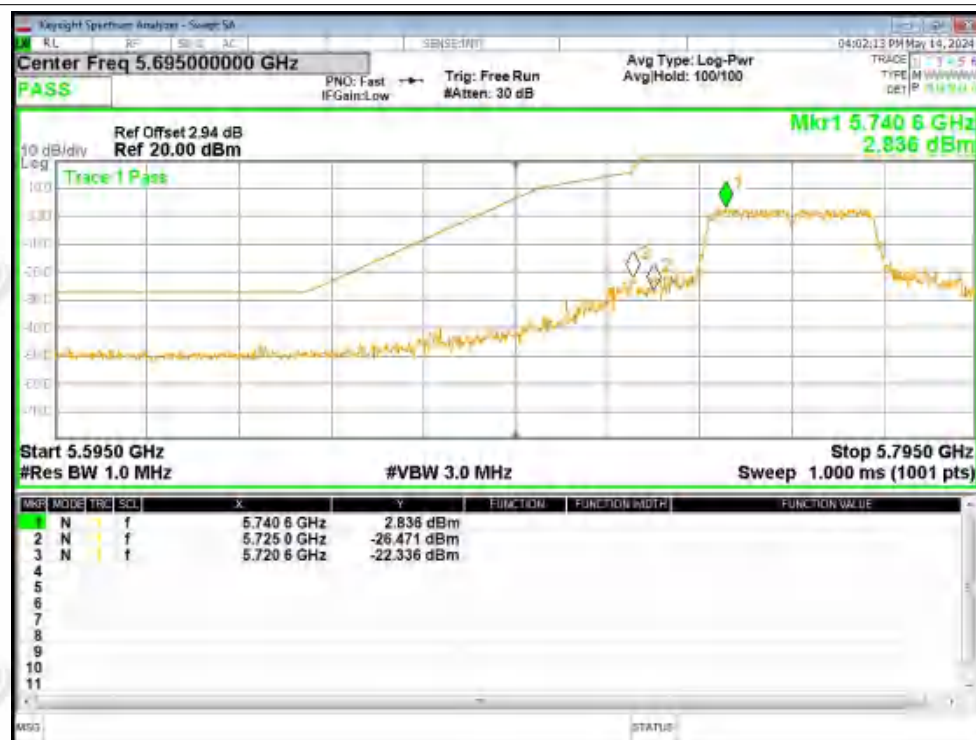


Band Edge NVNT n20 5825MHz High Ant2

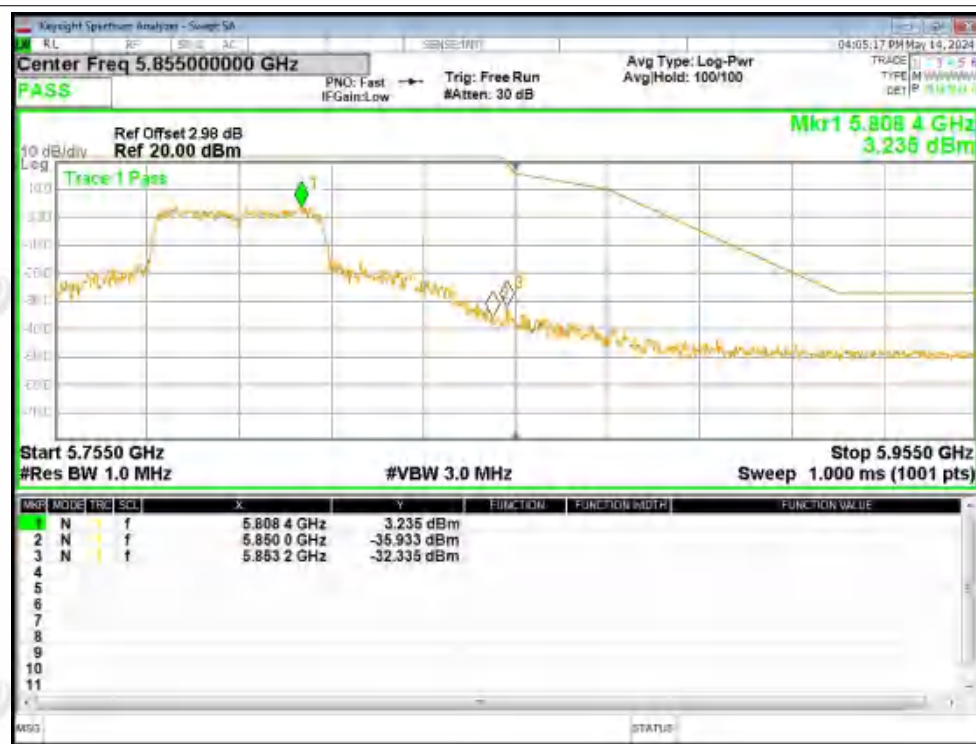




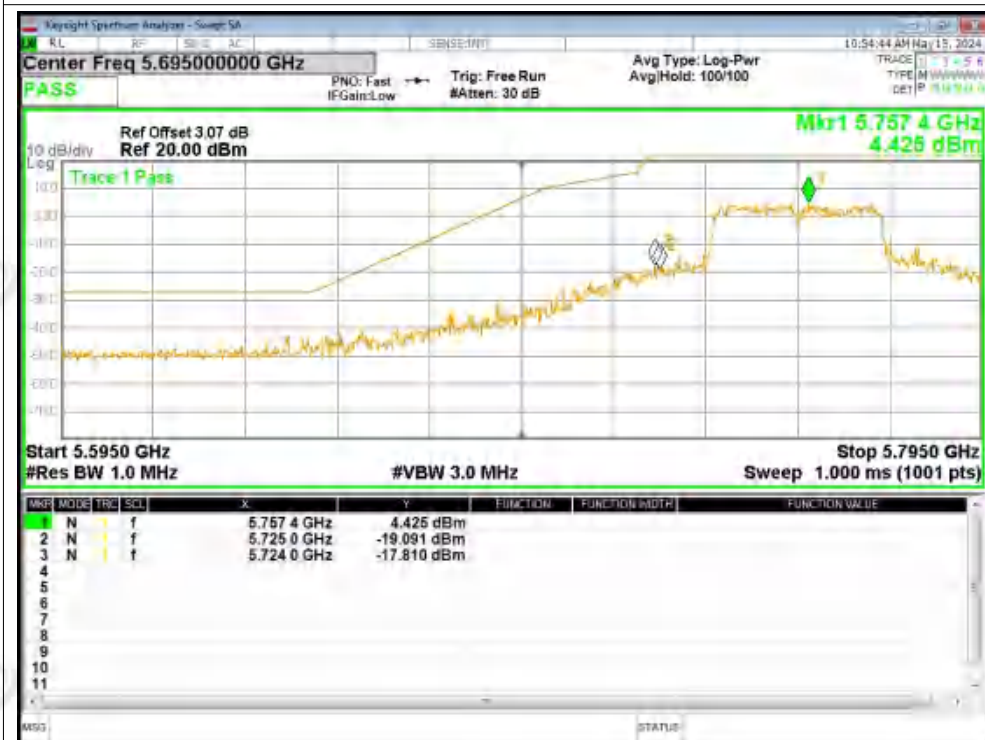
Band Edge NVNT n40 5755MHz Low Ant1



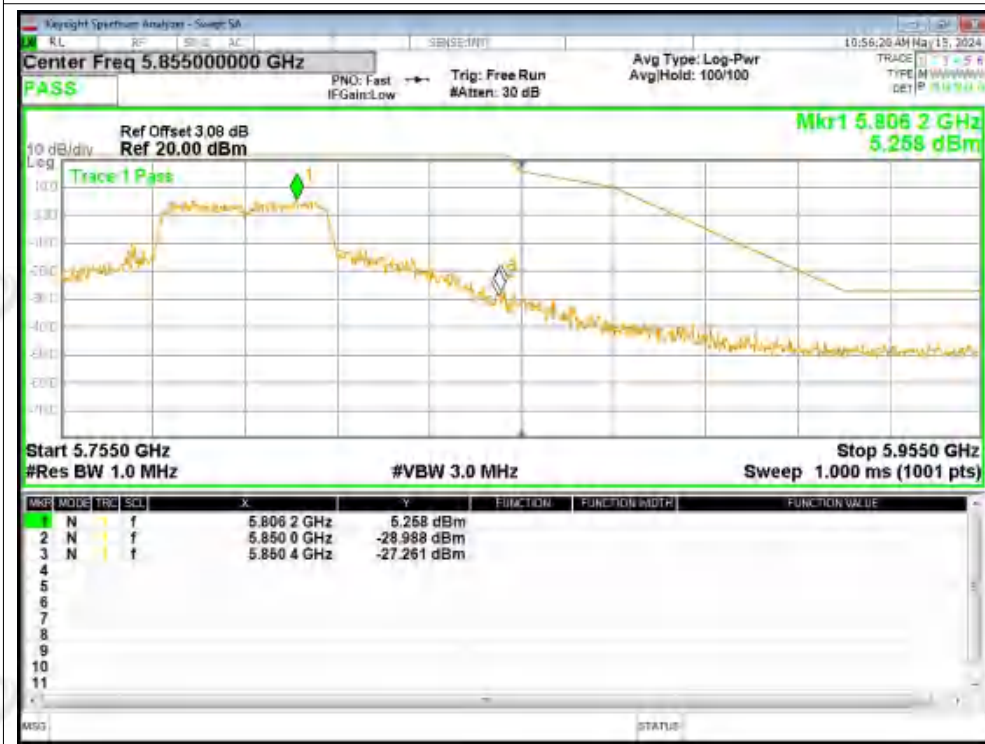
Band Edge NVNT n40 5795MHz High Ant1



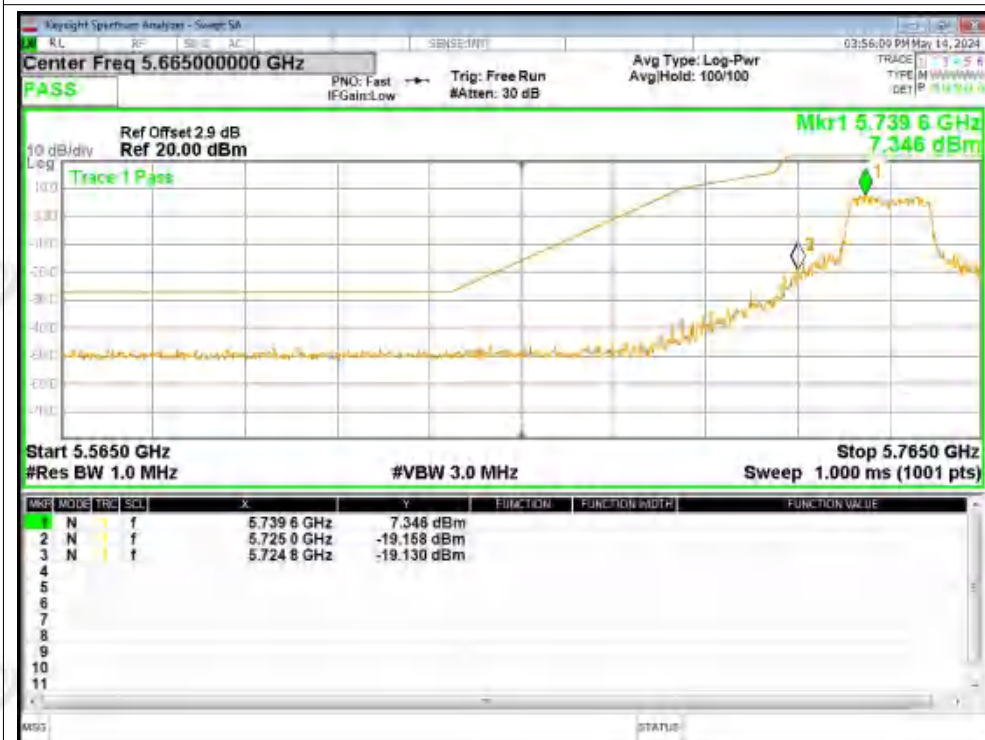
Band Edge NVNT n40 5755MHz Low Ant2



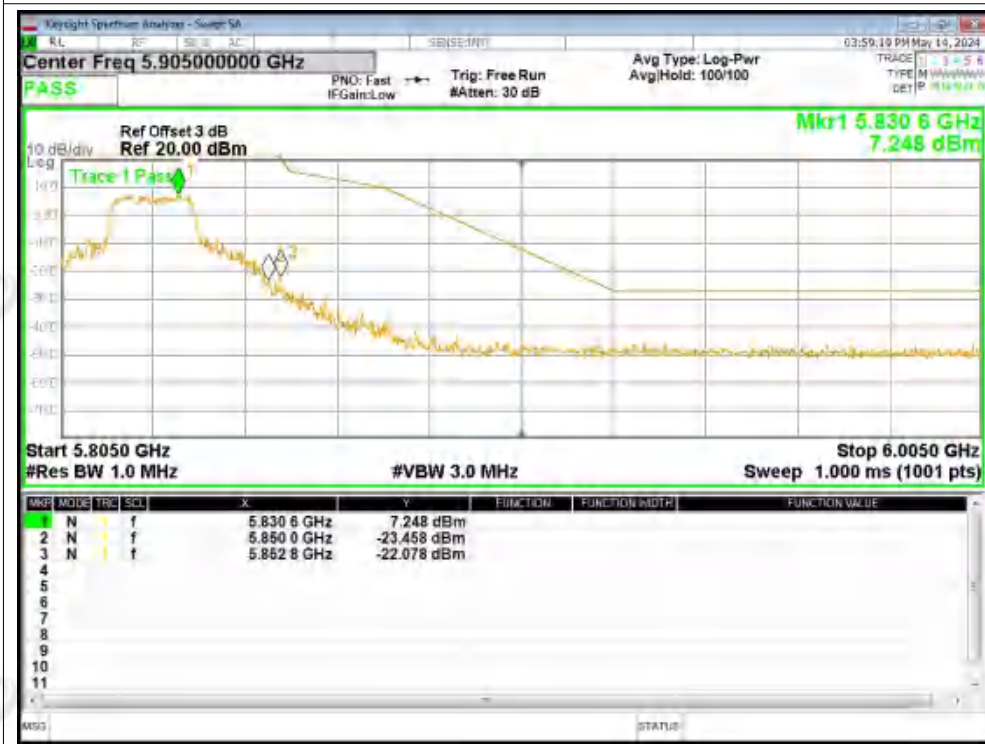
Band Edge NVNT n40 5795MHz High Ant2



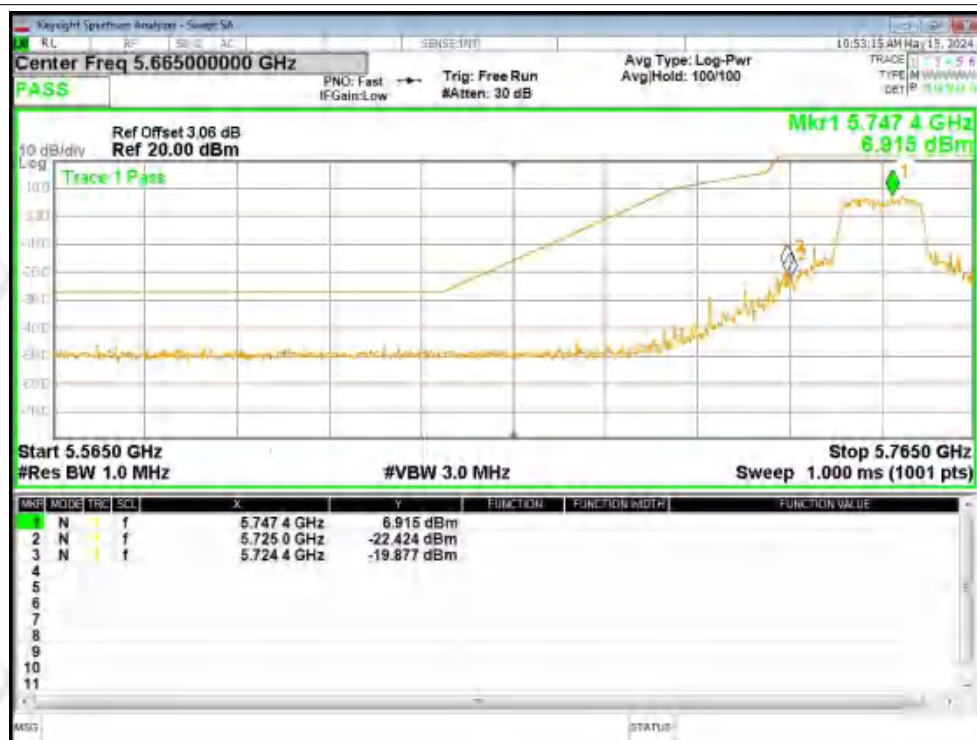
Band Edge NVNT ac20 5745MHz Low Ant1



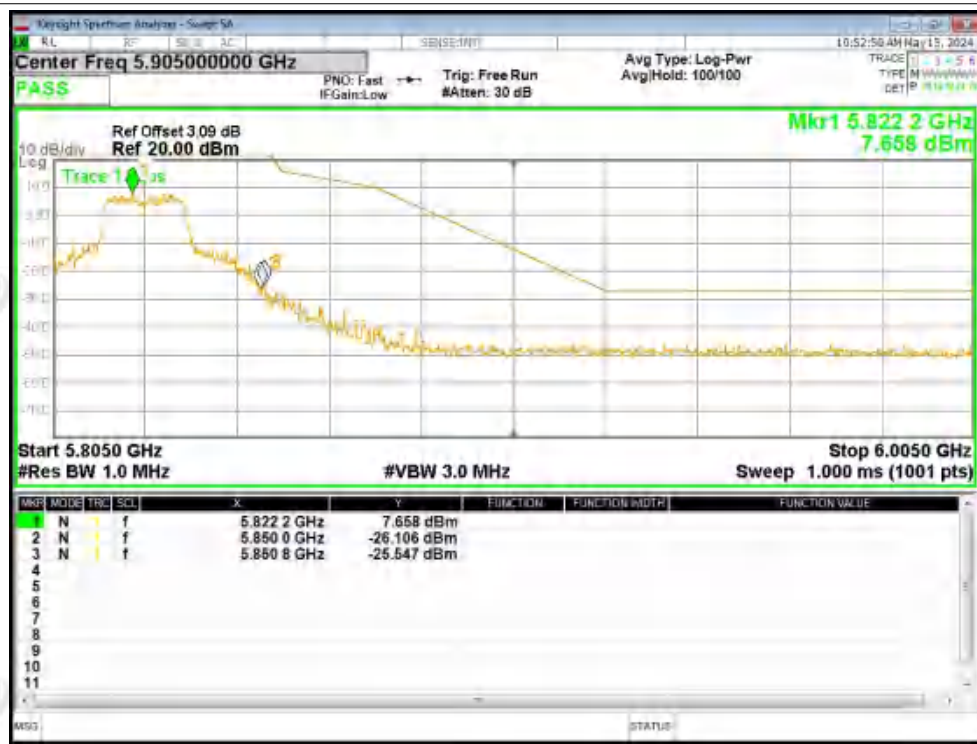
Band Edge NVNT ac20 5825MHz High Ant1



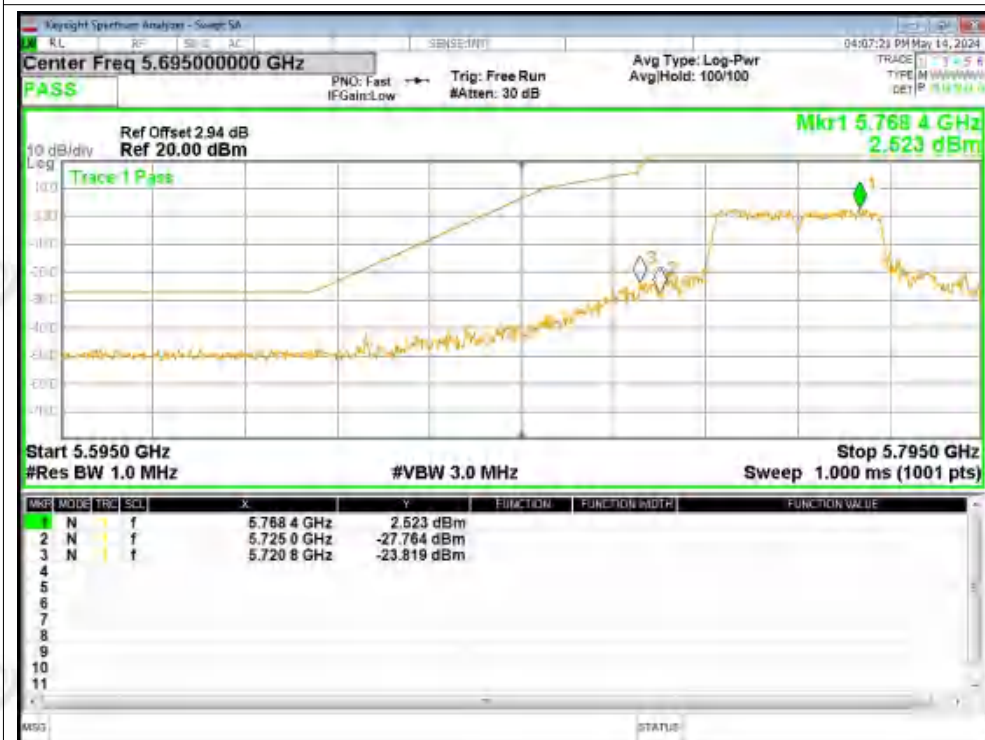
Band Edge NVNT ac20 5745MHz Low Ant2



Band Edge NVNT ac20 5825MHz High Ant2



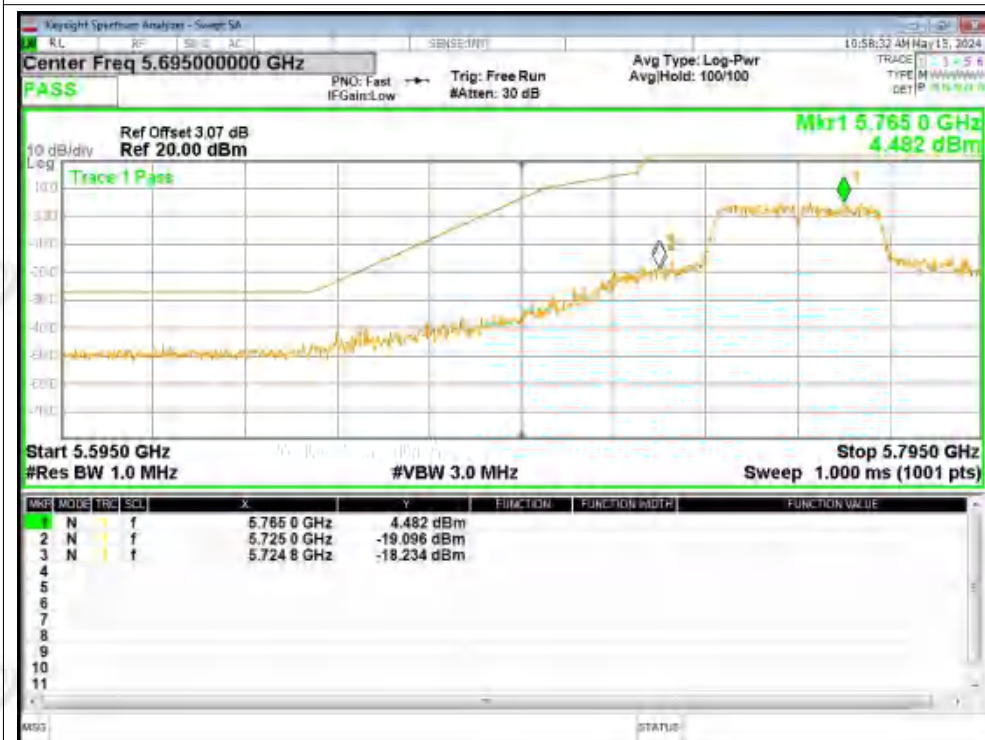
Band Edge NVNT ac40 5755MHz Low Ant1



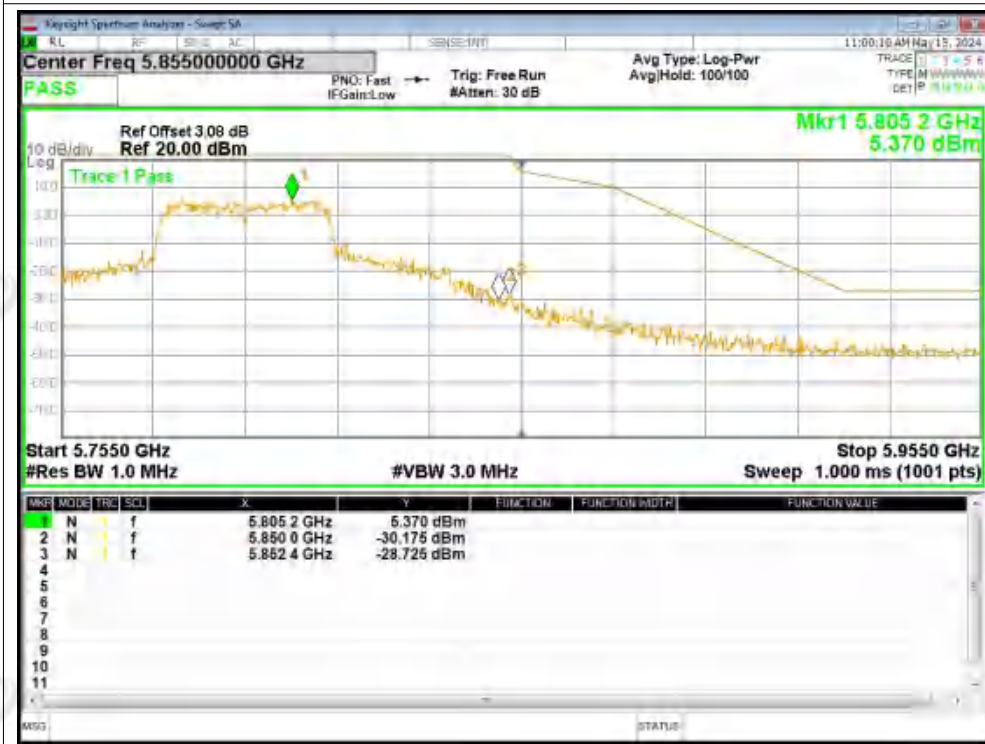
Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant2



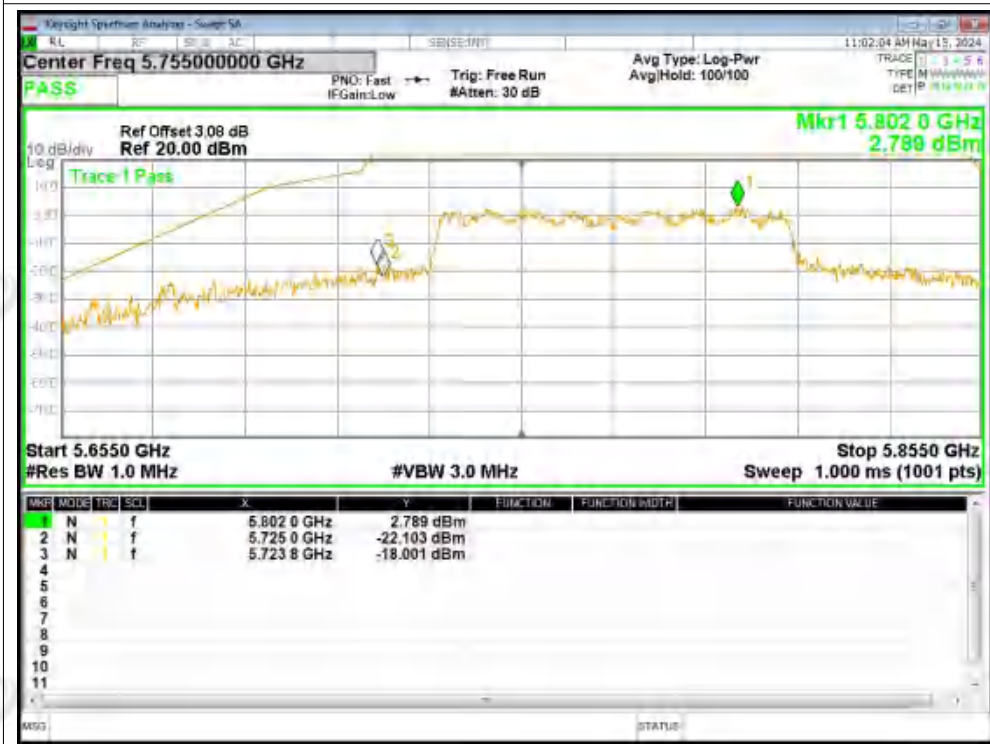
Band Edge NVNT ac40 5795MHz High Ant2



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	5744.98	-20000	-3.48	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	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant2	5824.98	-20000	-3.43	25	Pass
NVNT	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NVNT	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	n20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
NVNT	n20	5785	Ant2	5785	0	0	25	Pass
NVNT	n20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
NVNT	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	n40	5755	Ant2	5755	0	0	25	Pass
NVNT	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
NVNT	ac20	5745	Ant1	5744.96	-40000	-6.96	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	5744.98	-20000	-3.48	25	Pass
NVNT	ac20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NVNT	ac20	5825	Ant2	5824.98	-20000	-3.43	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	5794.96	-40000	-6.9	25	Pass
NVNT	ac80	5775	Ant1	5775	0	0	25	Pass
NVNT	ac80	5775	Ant2	5775	0	0	25	Pass

Test Graphs

Freq. Stability NVNT a 5745MHz Ant1



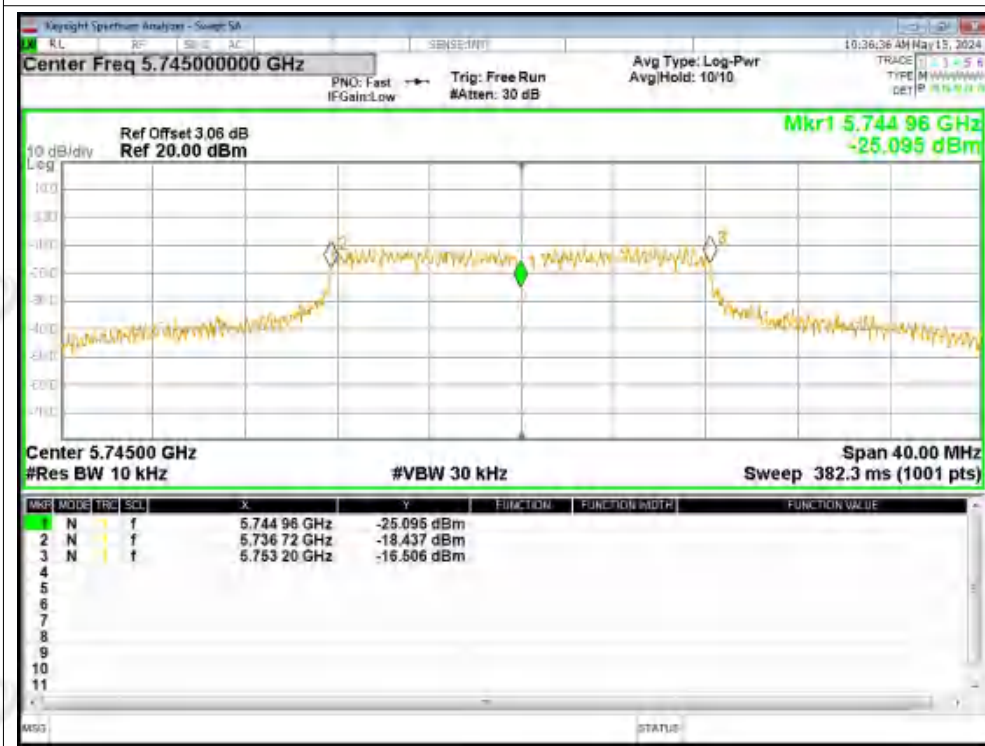
Freq. Stability NVNT a 5785MHz Ant1



Freq. Stability NVNT a 5825MHz Ant1



Freq. Stability NVNT a 5745MHz Ant2



Freq. Stability NVNT a 5785MHz Ant2



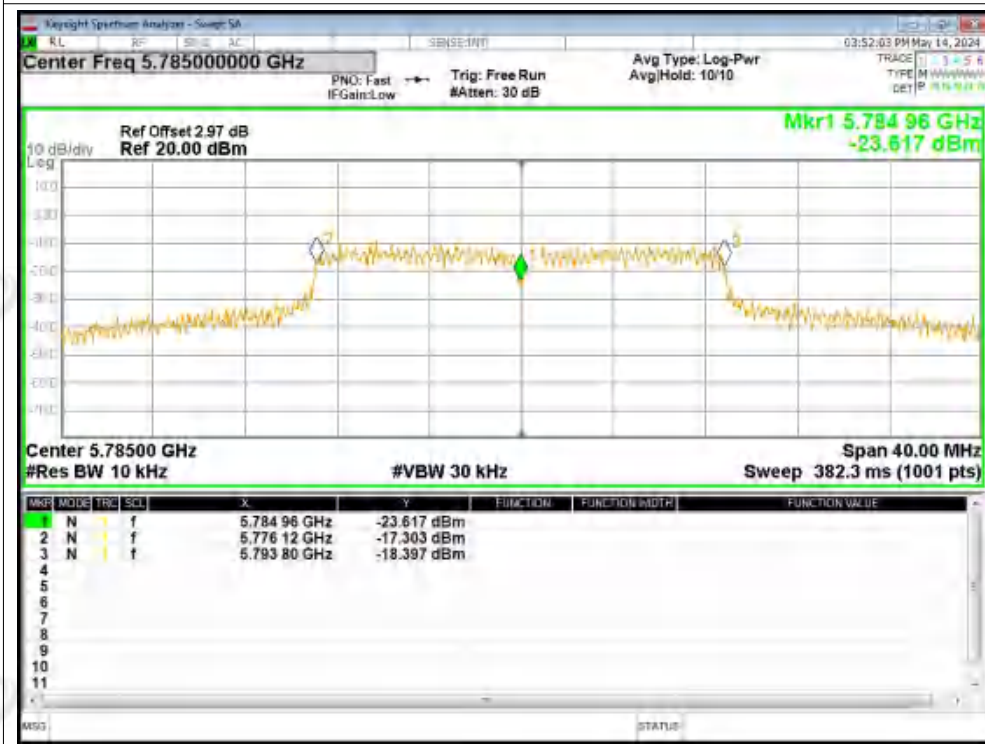
Freq. Stability NVNT a 5825MHz Ant2



Freq. Stability NVNT n20 5745MHz Ant1



Freq. Stability NVNT n20 5785MHz Ant1



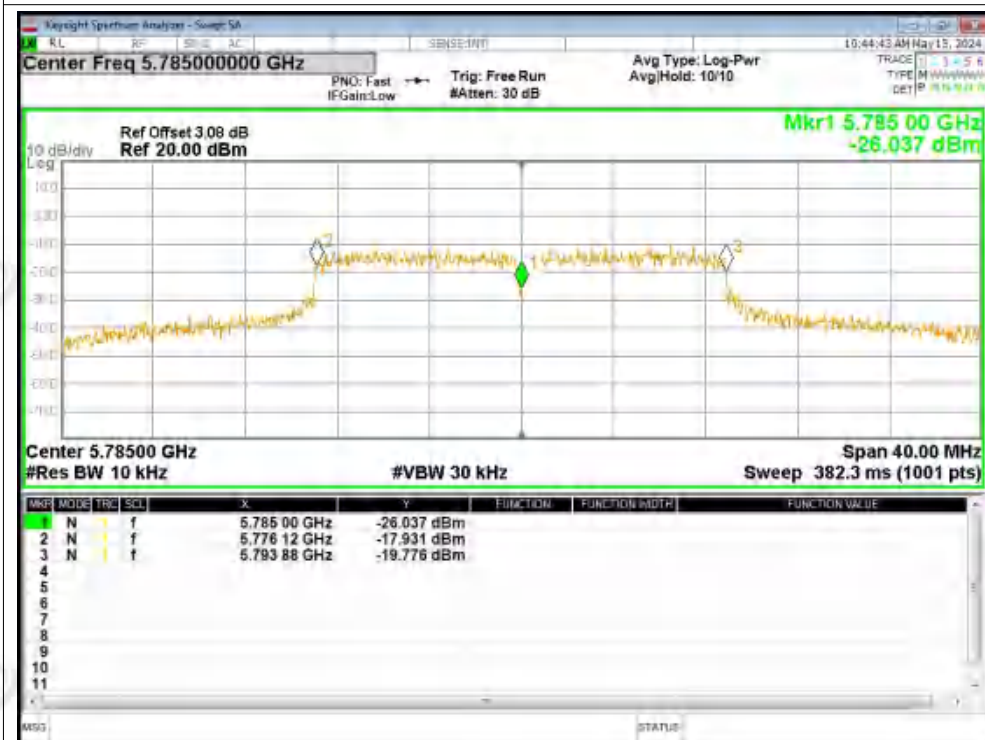
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Freq. Stability NVNT n20 5745MHz Ant2



Freq. Stability NVNT n20 5785MHz Ant2



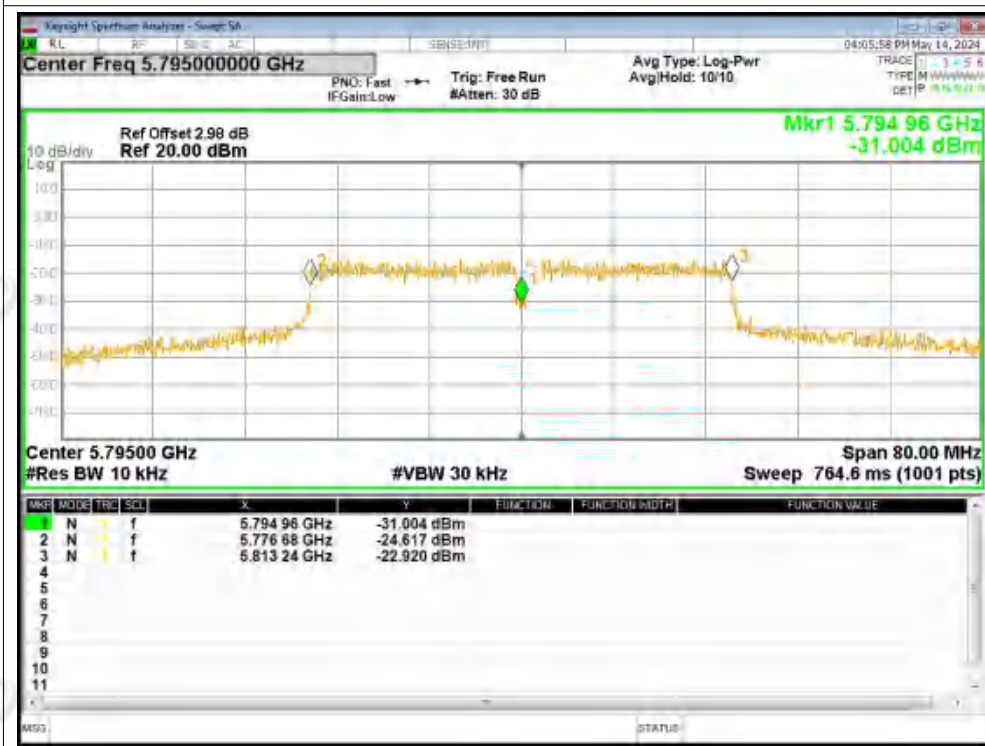
Freq. Stability NVNT n20 5825MHz Ant2



Freq. Stability NVNT n40 5755MHz Ant1



Freq. Stability NVNT n40 5795MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant2



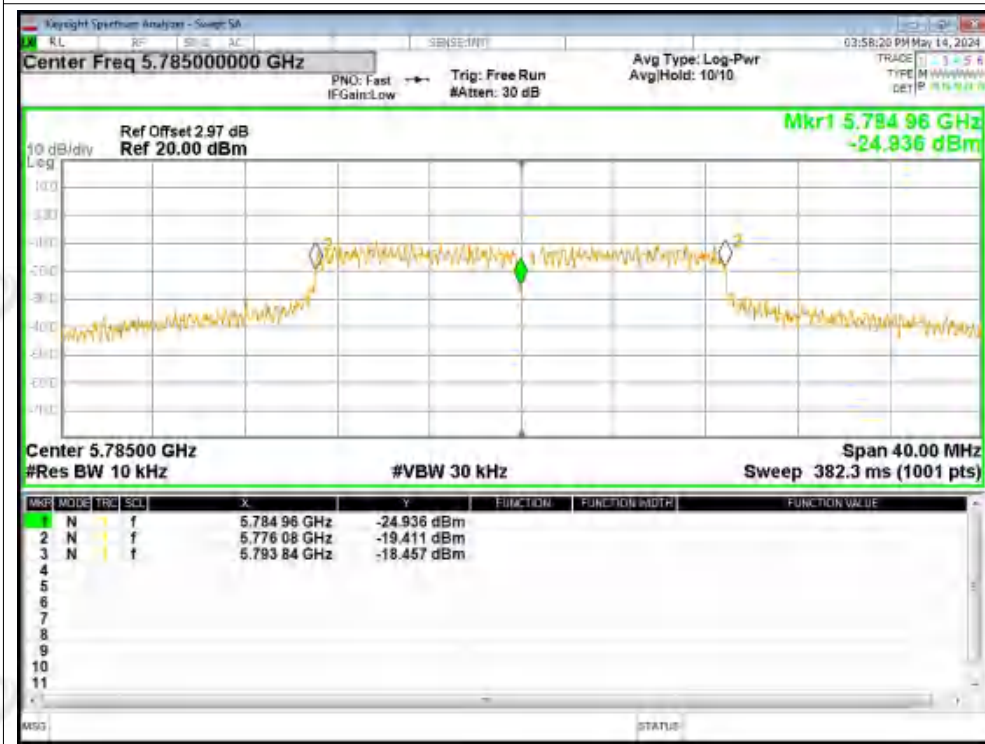
Freq. Stability NVNT n40 5795MHz Ant2



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



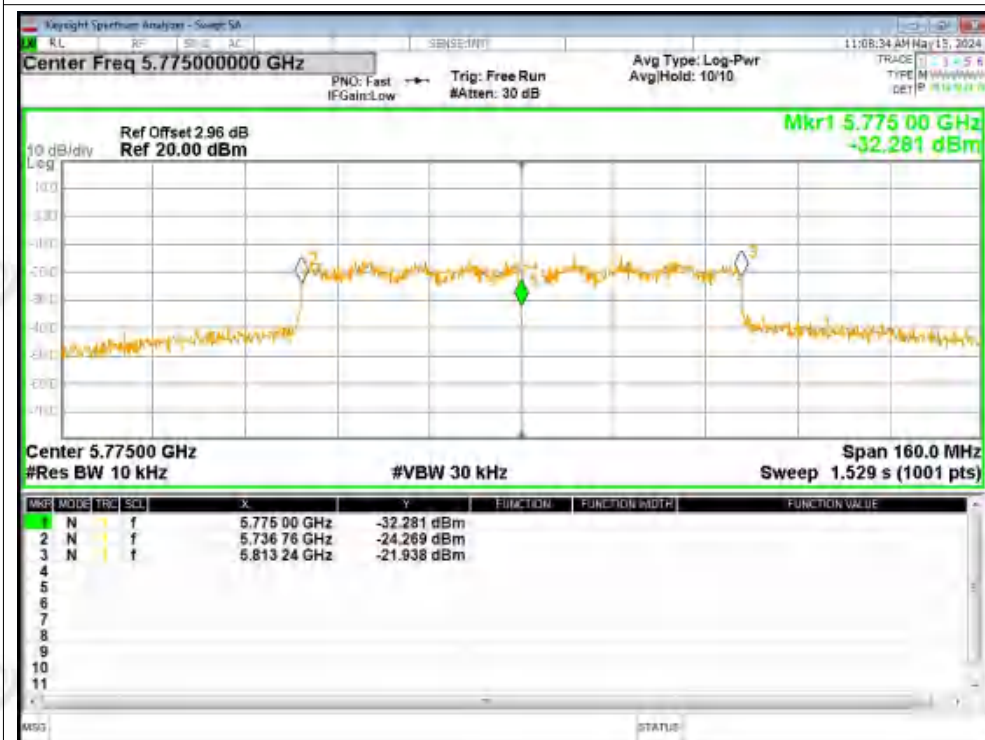
Freq. Stability NVNT ac40 5755MHz Ant2



Freq. Stability NVNT ac40 5795MHz Ant2



Freq. Stability NVNT ac80 5775MHz Ant1



Freq. Stability NVNT ac80 5775MHz Ant2





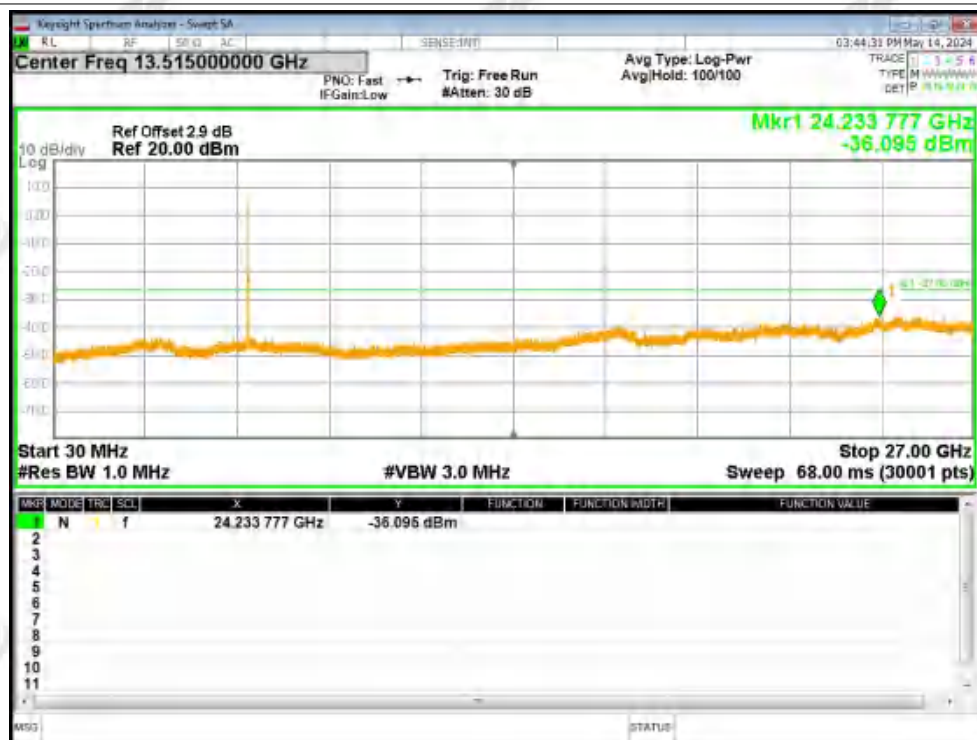
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B8. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-36.09	-27	Pass
NVNT	a	5785	Ant1	-35.7	-27	Pass
NVNT	a	5825	Ant1	-35.64	-27	Pass
NVNT	a	5745	Ant2	-35.65	-27	Pass
NVNT	a	5785	Ant2	-34.94	-27	Pass
NVNT	a	5825	Ant2	-34.58	-27	Pass
NVNT	n20	5745	Ant1	-35.55	-27	Pass
NVNT	n20	5785	Ant1	-35.71	-27	Pass
NVNT	n20	5825	Ant1	-35.22	-27	Pass
NVNT	n20	5745	Ant2	-34.42	-27	Pass
NVNT	n20	5785	Ant2	-35.22	-27	Pass
NVNT	n20	5825	Ant2	-35.24	-27	Pass
NVNT	n40	5755	Ant1	-35.06	-27	Pass
NVNT	n40	5795	Ant1	-35.37	-27	Pass
NVNT	n40	5755	Ant2	-35.54	-27	Pass
NVNT	n40	5795	Ant2	-35.43	-27	Pass
NVNT	ac20	5745	Ant1	-36.04	-27	Pass
NVNT	ac20	5785	Ant1	-35.27	-27	Pass
NVNT	ac20	5825	Ant1	-35.69	-27	Pass
NVNT	ac20	5745	Ant2	-35.47	-27	Pass
NVNT	ac20	5785	Ant2	-35.45	-27	Pass
NVNT	ac20	5825	Ant2	-35	-27	Pass
NVNT	ac40	5755	Ant1	-35.57	-27	Pass
NVNT	ac40	5795	Ant1	-35.61	-27	Pass
NVNT	ac40	5755	Ant2	-35.64	-27	Pass
NVNT	ac40	5795	Ant2	-35.59	-27	Pass
NVNT	ac80	5775	Ant1	-33.99	-27	Pass
NVNT	ac80	5775	Ant2	-34.68	-27	Pass

Test Graphs

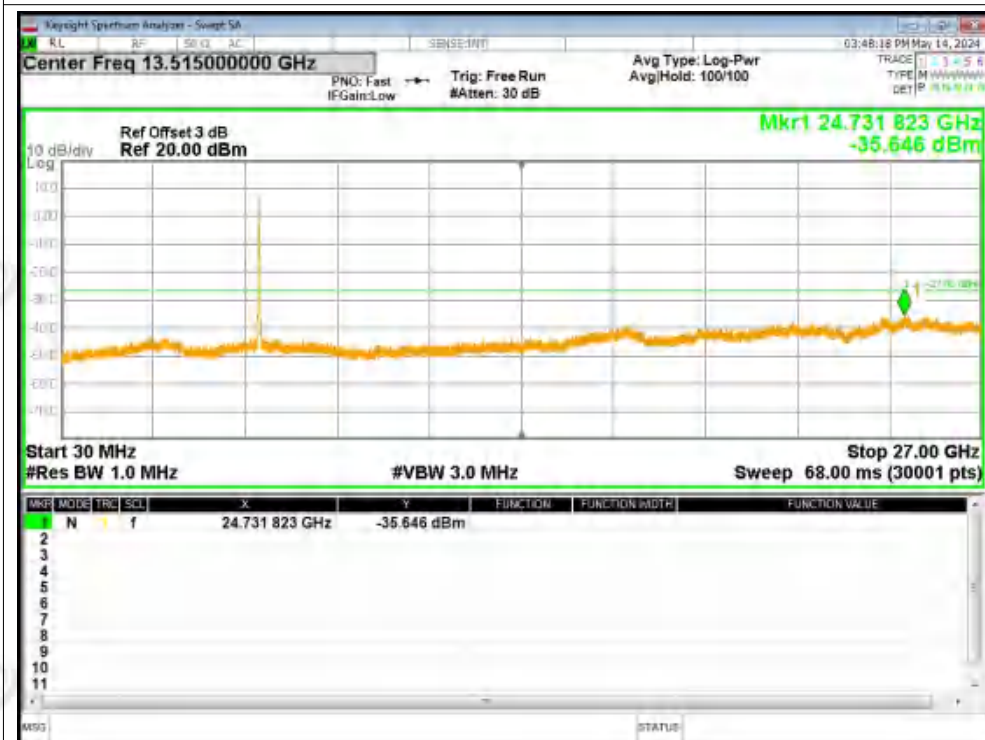
Tx. Spurious NVNT a 5745MHz Ant1 Emission



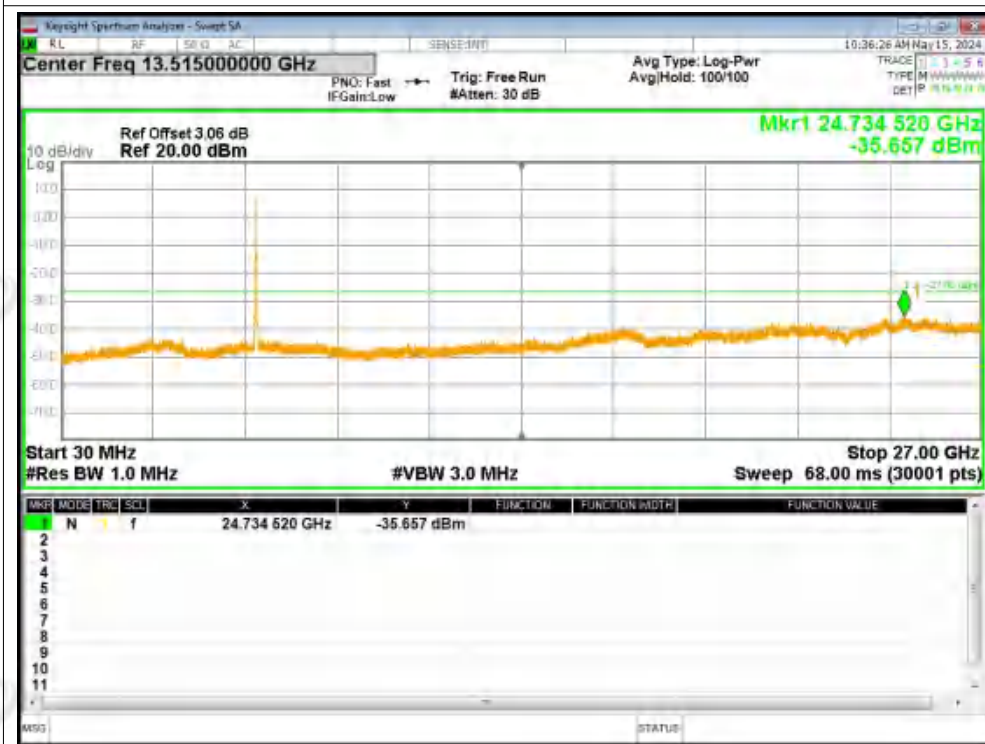
Tx. Spurious NVNT a 5785MHz Ant1 Emission



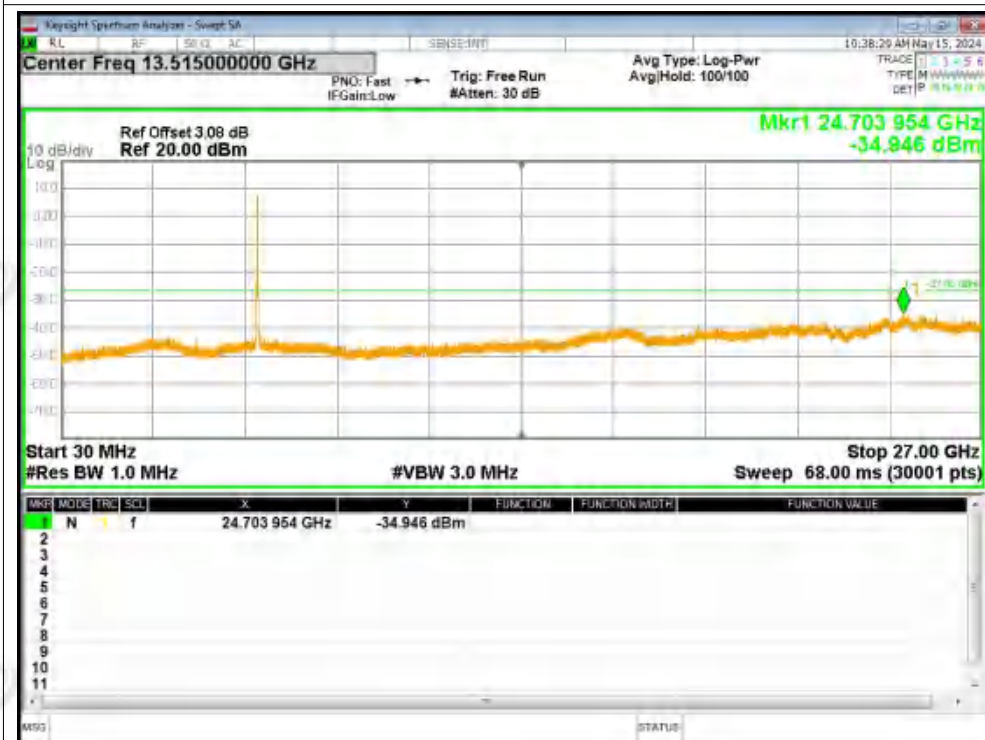
Tx. Spurious NVNT a 5825MHz Ant1 Emission



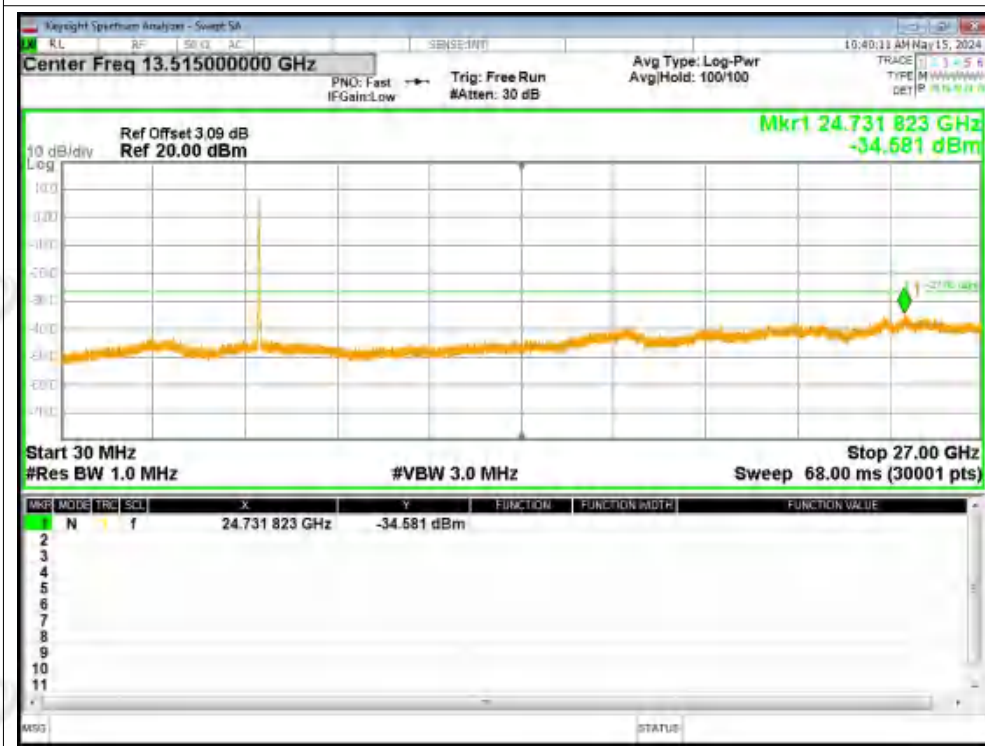
Tx. Spurious NVNT a 5745MHz Ant2 Emission



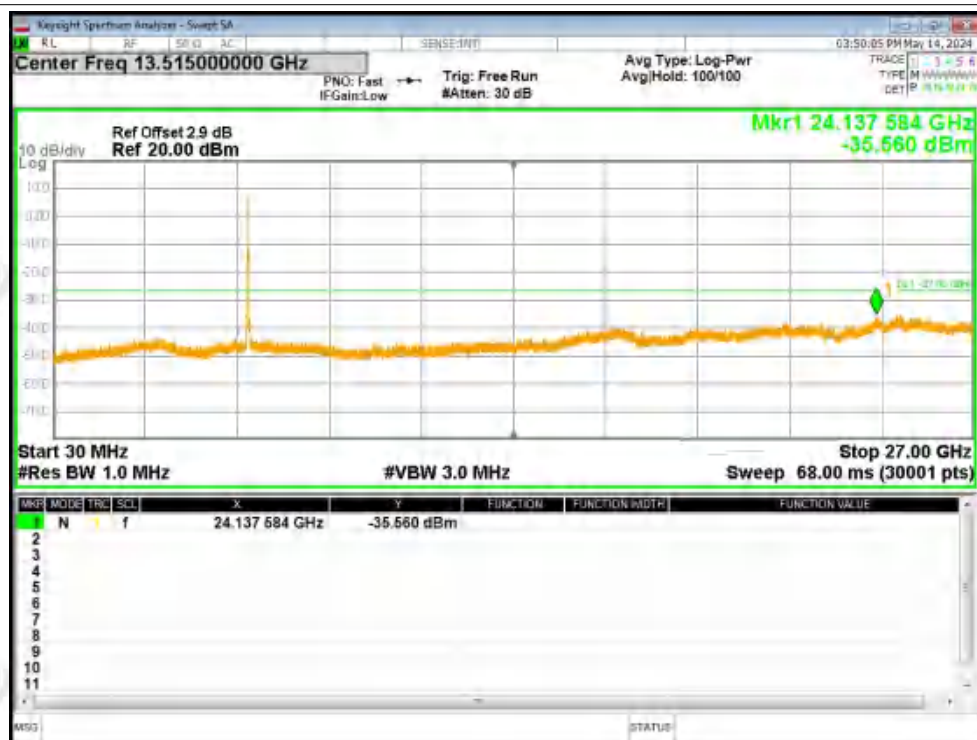
Tx. Spurious NVNT a 5785MHz Ant2 Emission



Tx. Spurious NVNT a 5825MHz Ant2 Emission



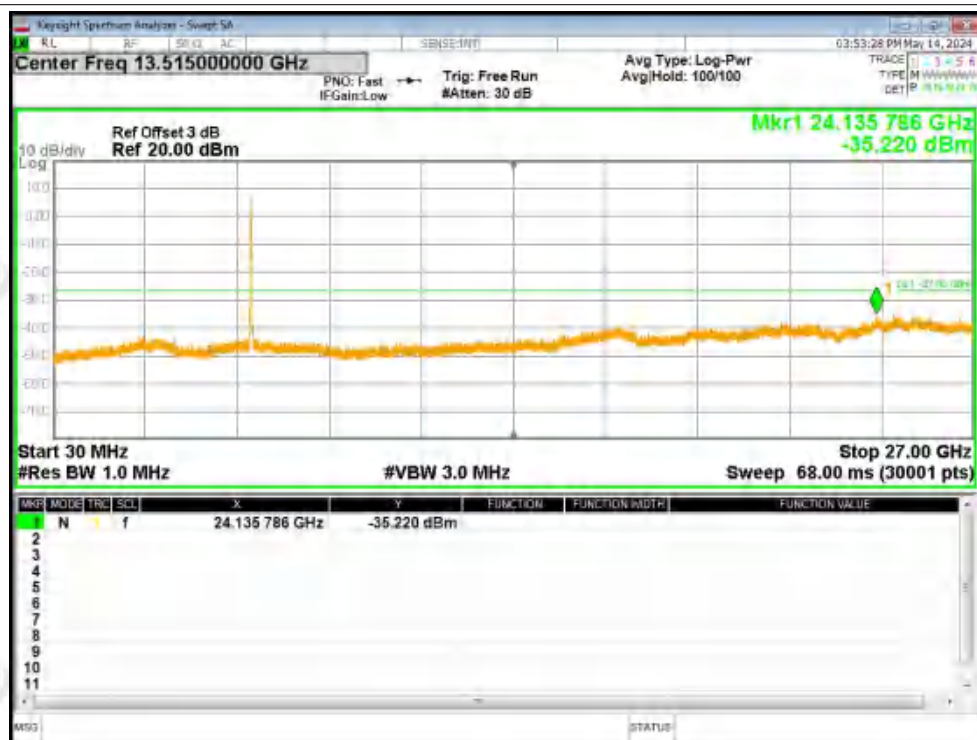
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



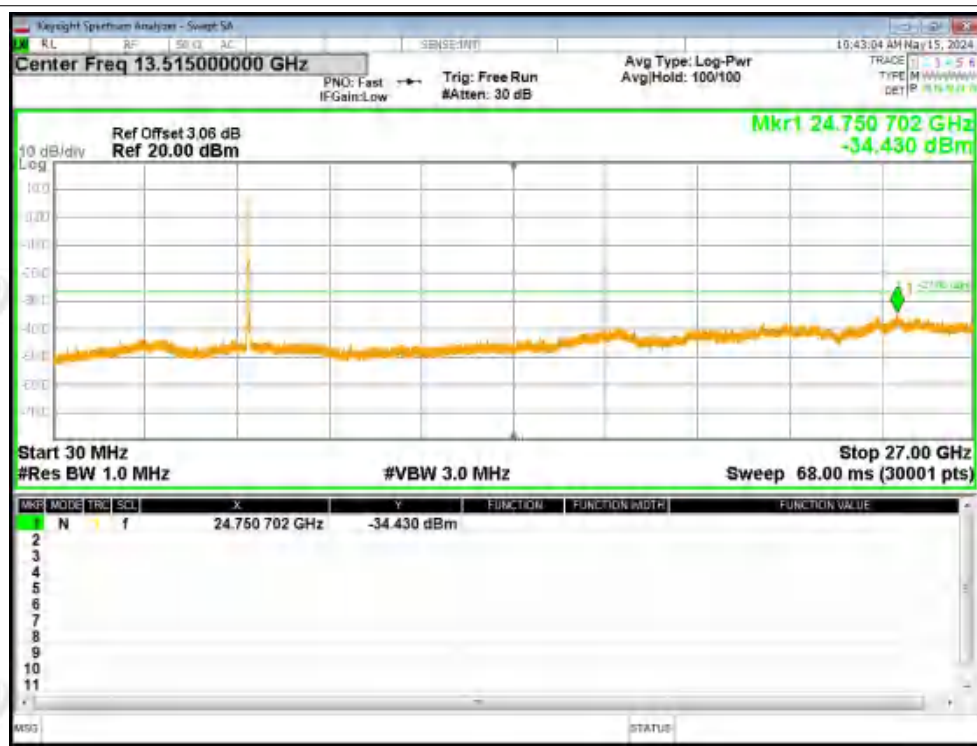
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



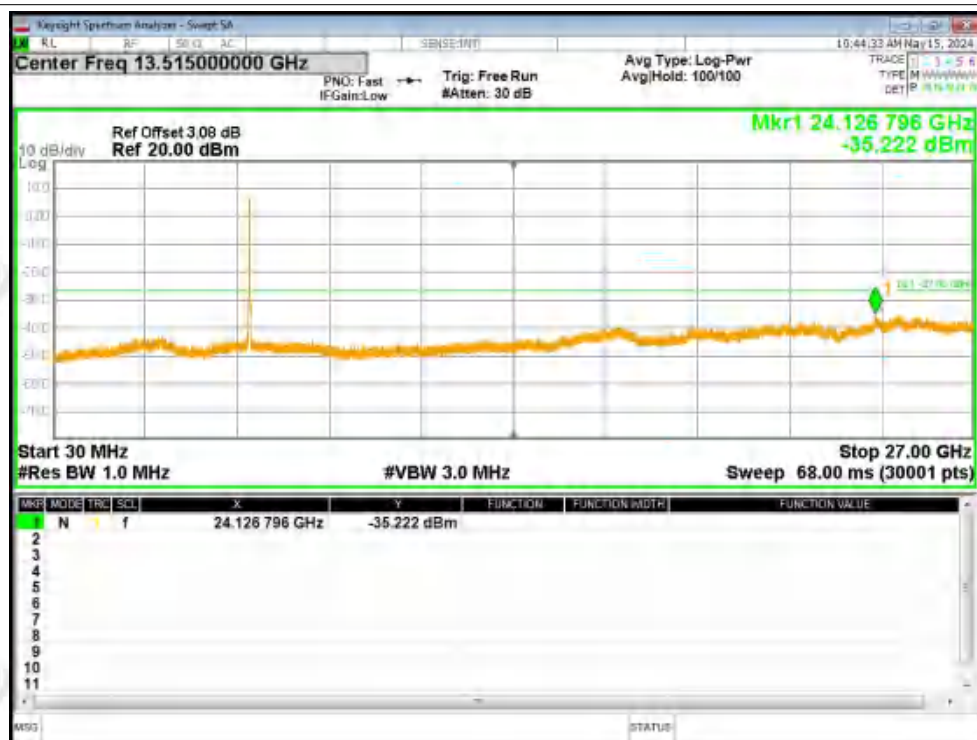
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n20 5745MHz Ant2 Emission



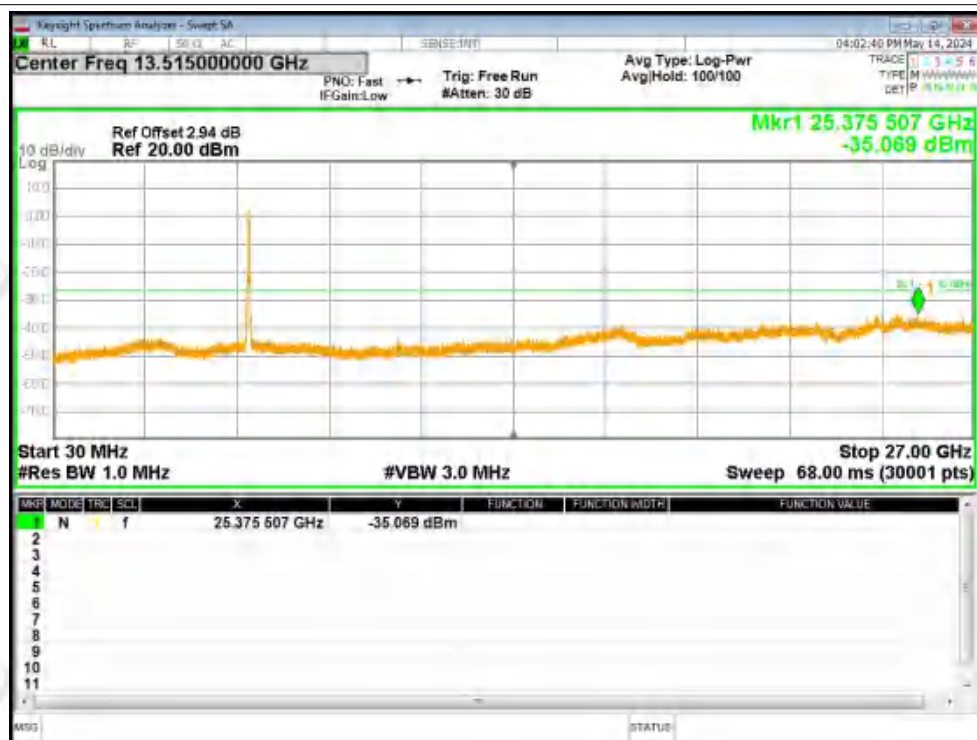
Tx. Spurious NVNT n20 5785MHz Ant2 Emission



Tx. Spurious NVNT n20 5825MHz Ant2 Emission



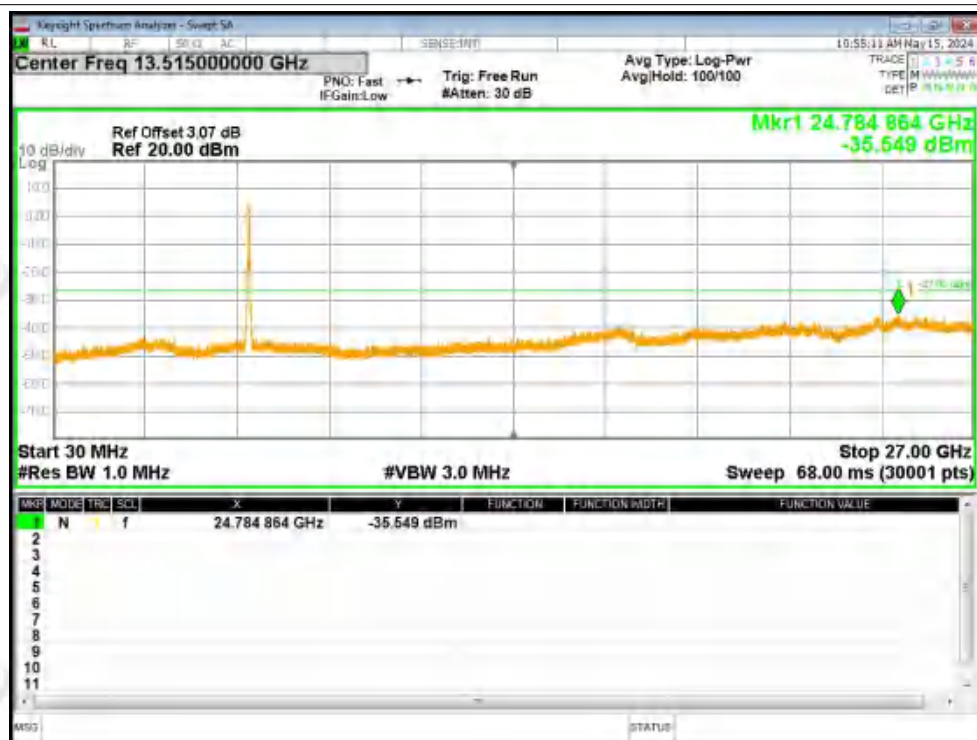
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



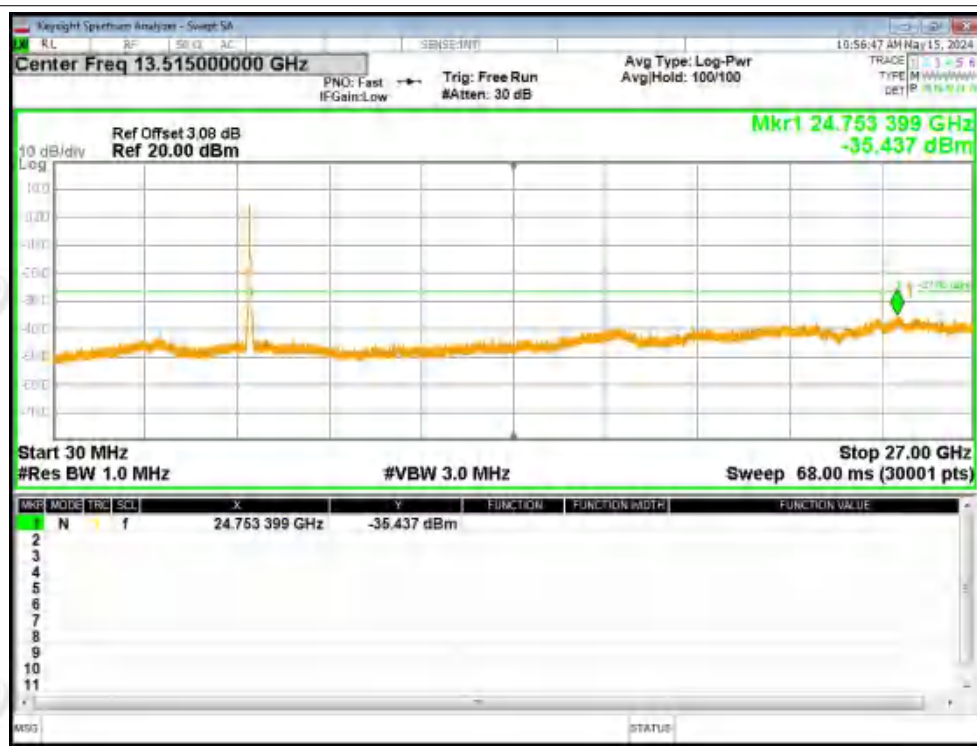
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant2 Emission



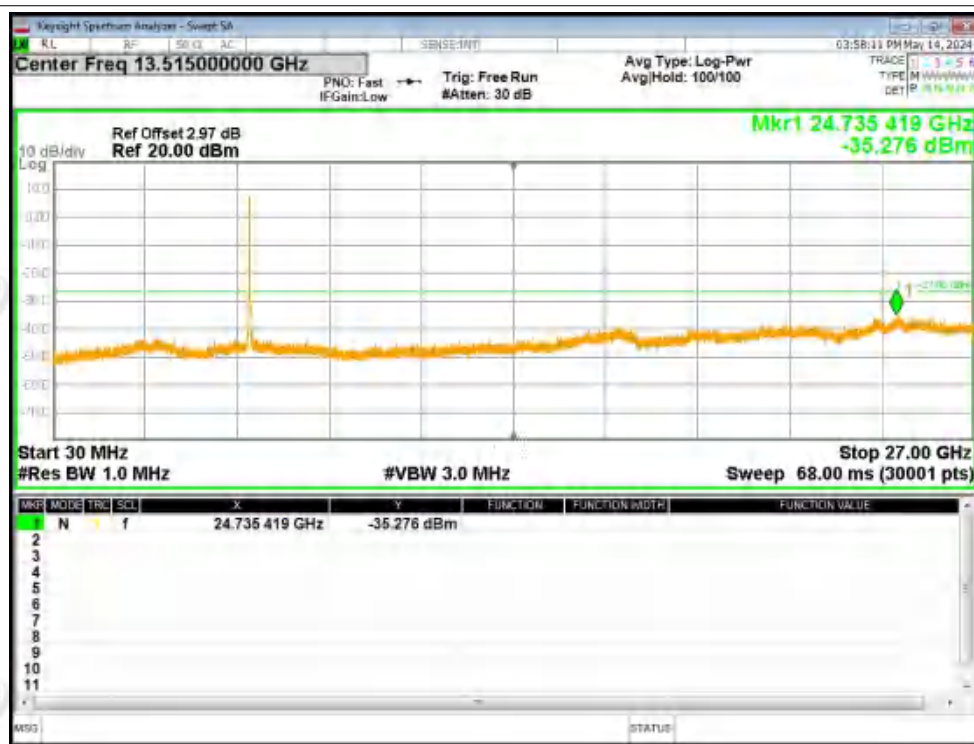
Tx. Spurious NVNT n40 5795MHz Ant2 Emission



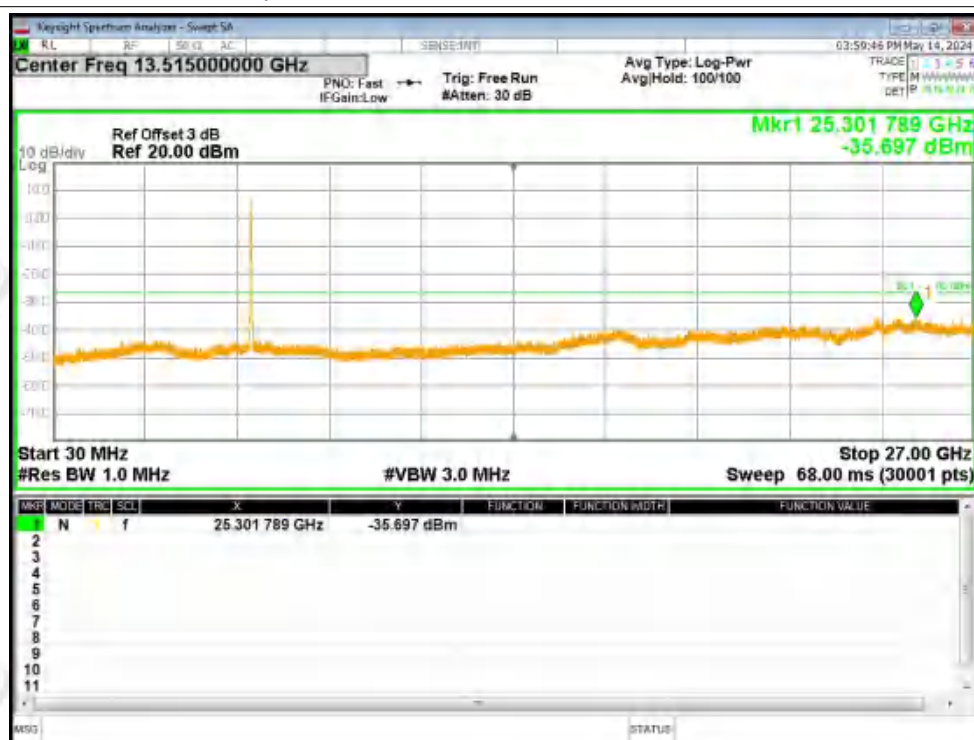
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



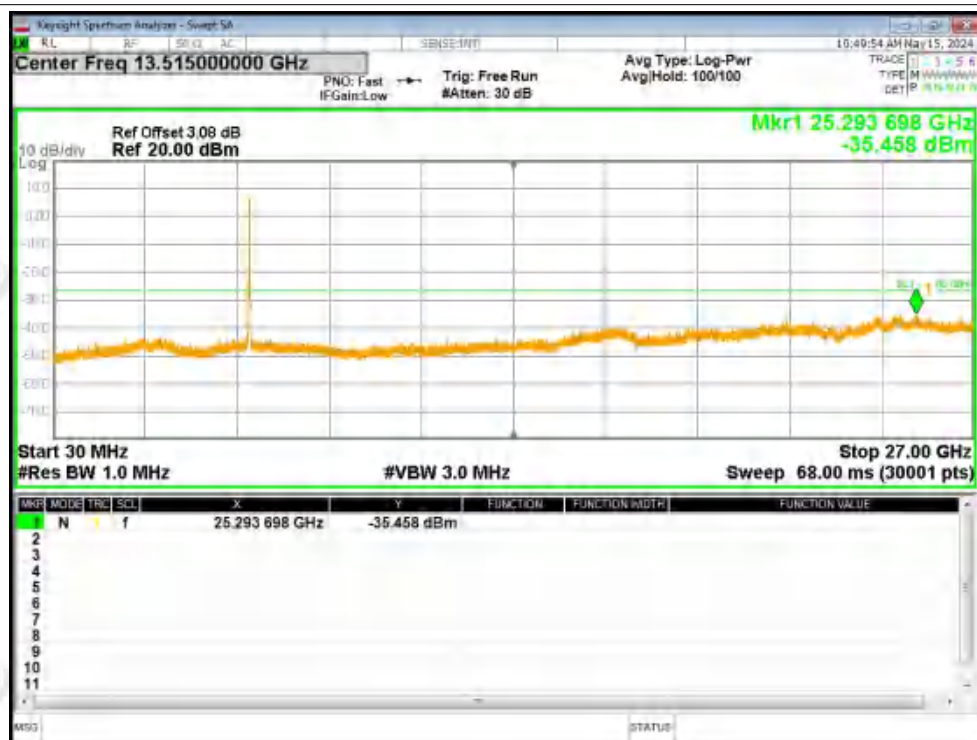
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



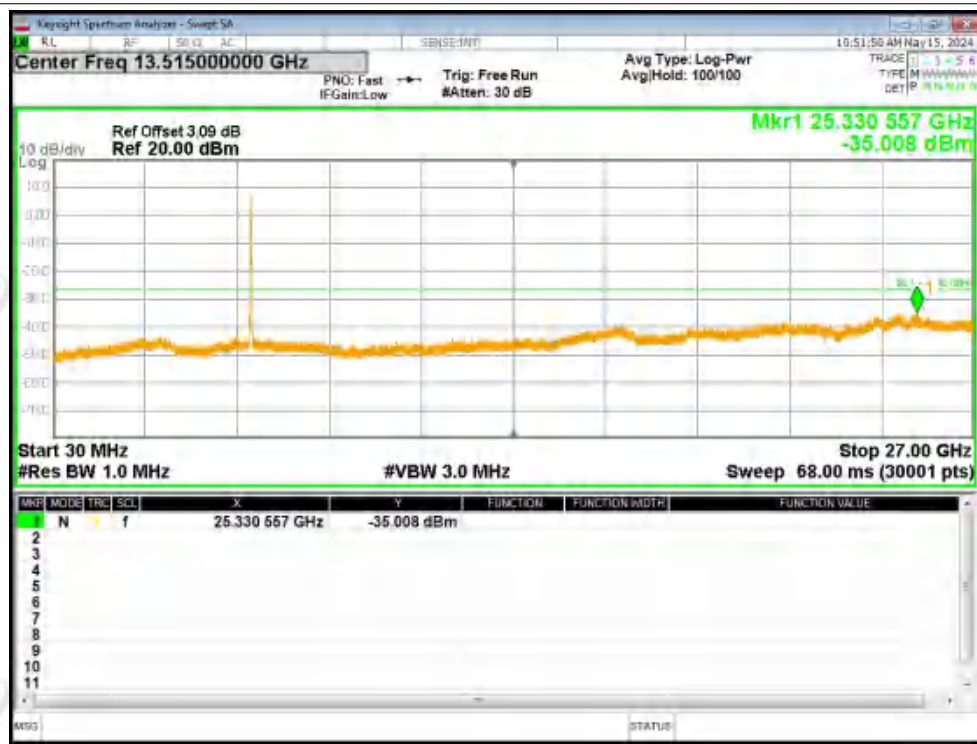
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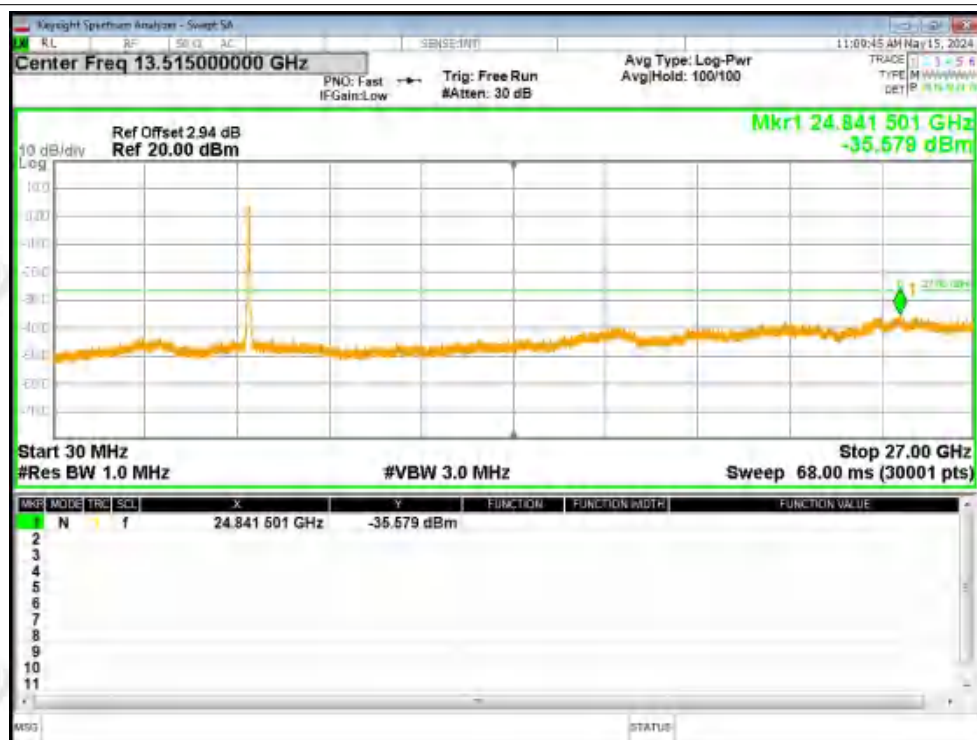
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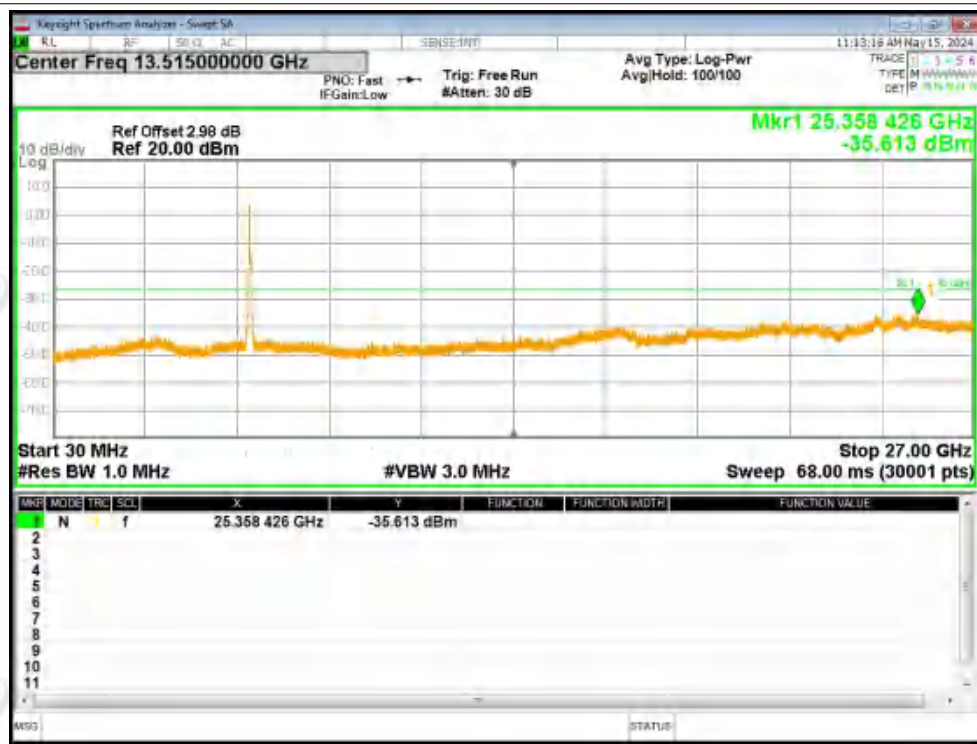
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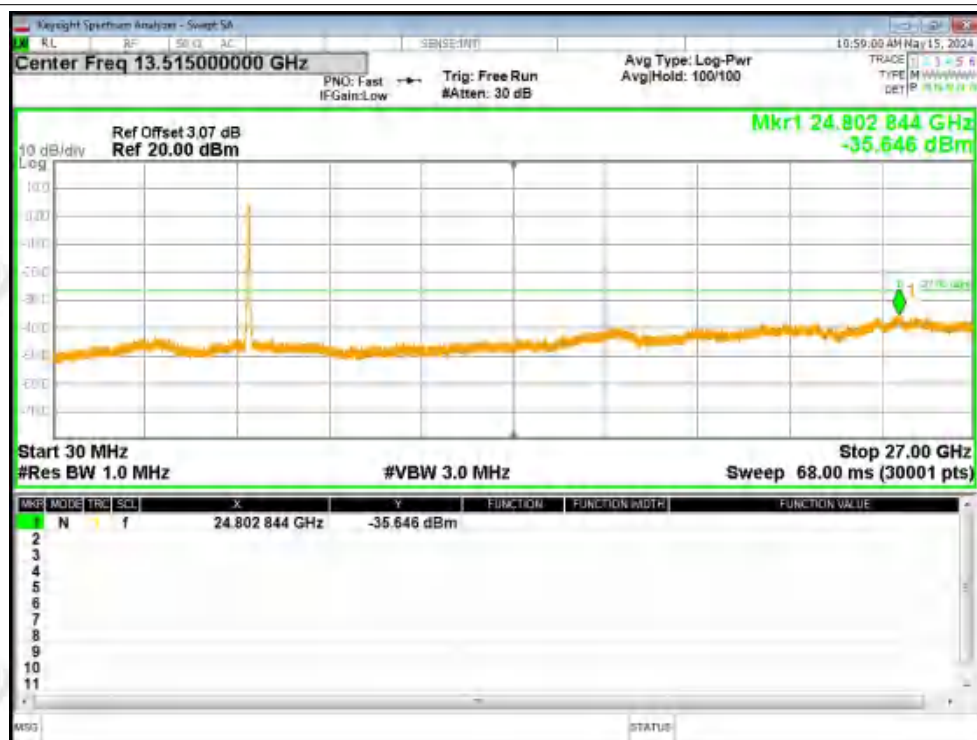
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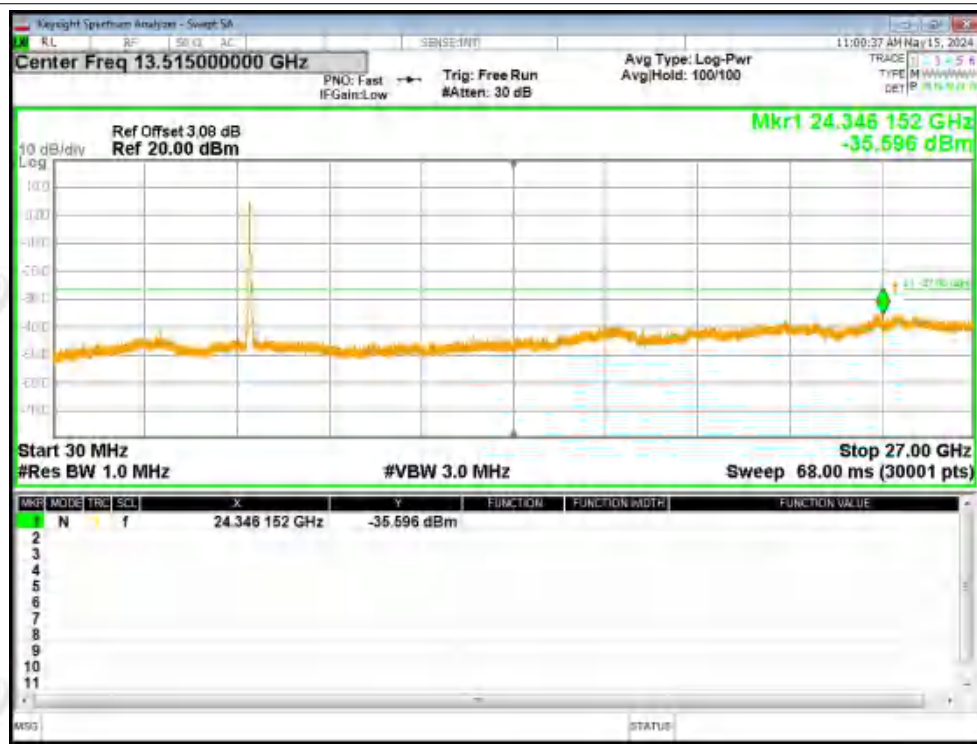
Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



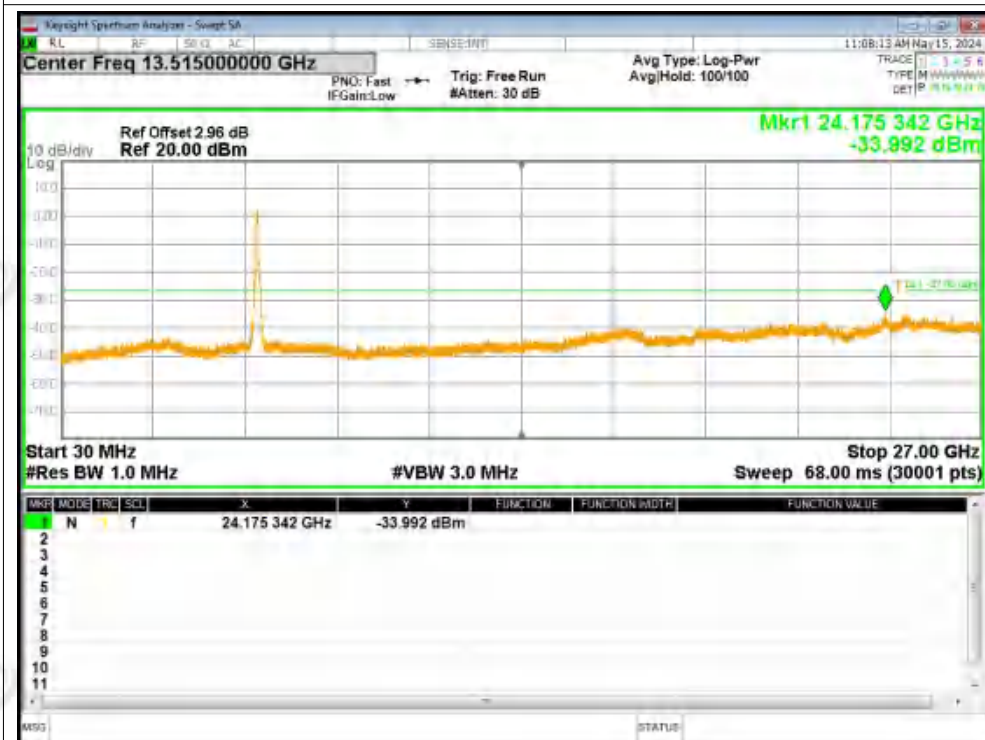
Tx. Spurious NVNT ac40 5755MHz Ant2 Emission



Tx. Spurious NVNT ac40 5795MHz Ant2 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant2 Emission

