

Appendix A for 5GWIFI Test Data

Product Name: MINI PC

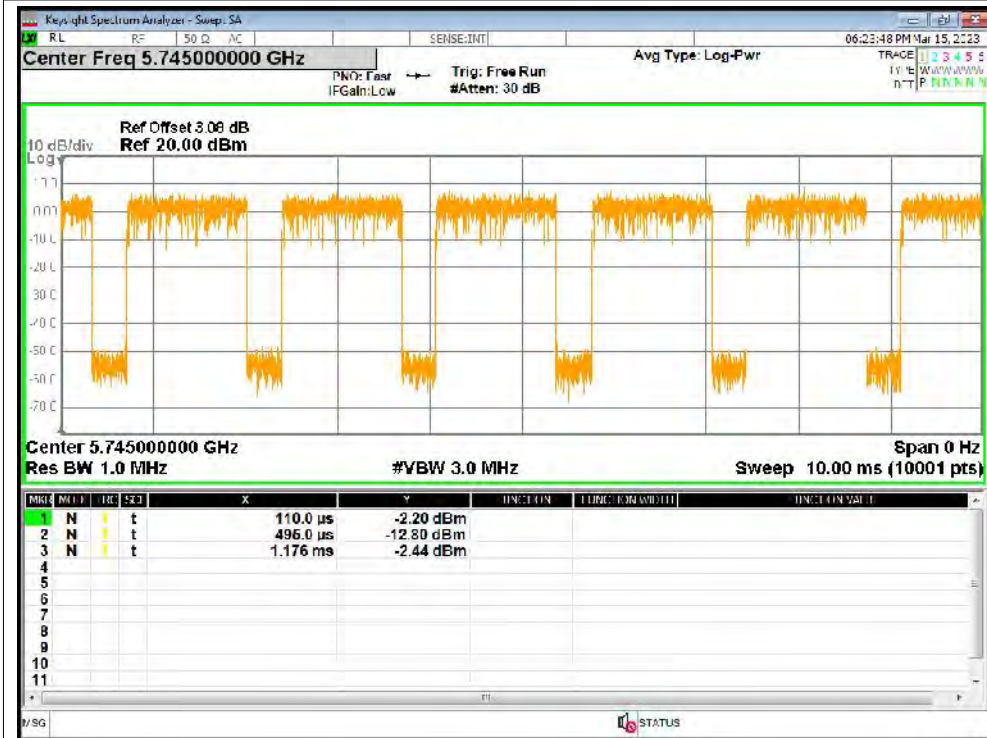
Test Model: T8 PRO

Environmental Conditions

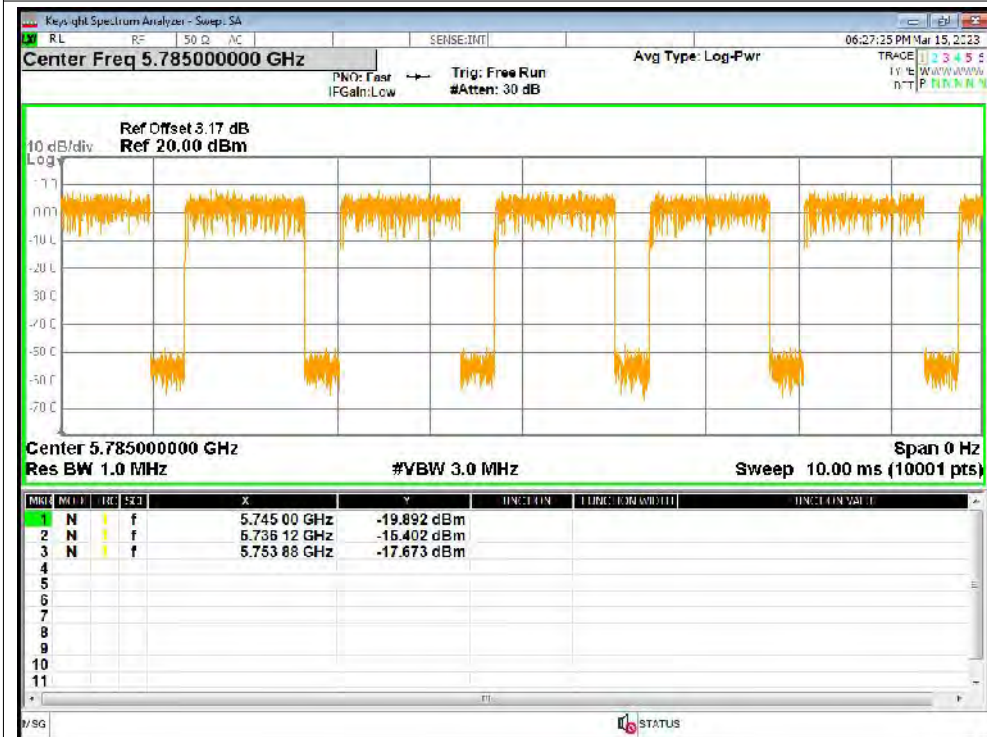
Temperature:	21.6° C
Relative Humidity:	54%
ATM Pressure:	101.2 kPa
Test Engineer:	Jim Liu
Supervised by:	Lake Xie

A.1 Duty Cycle

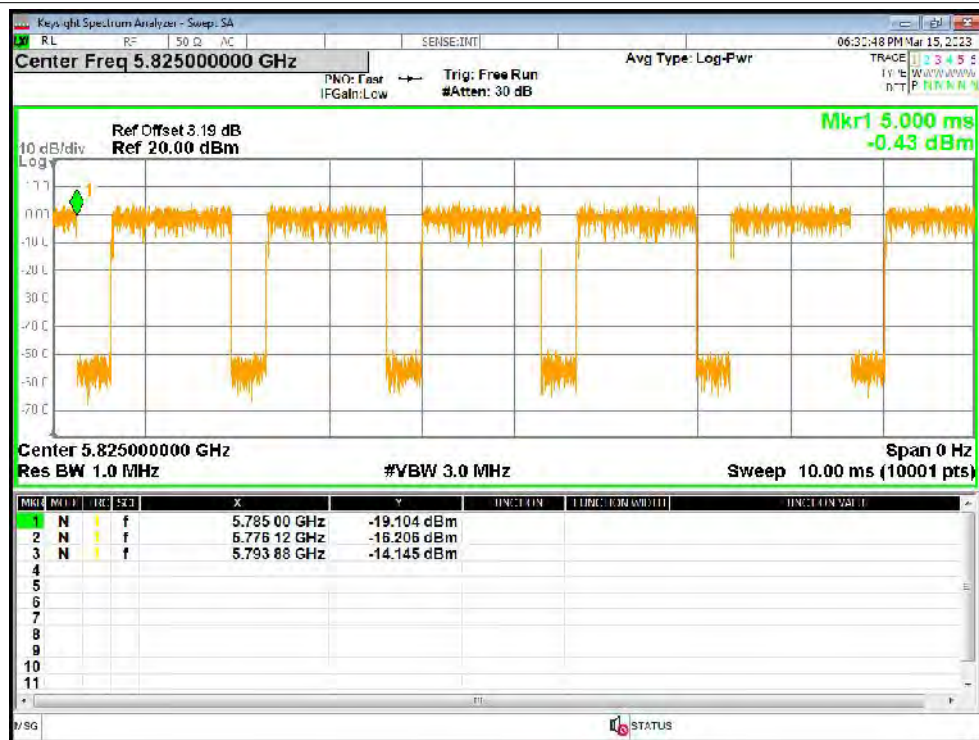
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	77.58	1.1	0.77
NVNT	a	5785	Ant1	77.58	1.1	0.77
NVNT	a	5825	Ant1	77.52	1.11	0.77
NVNT	a	5745	Ant2	77.58	1.1	0.77
NVNT	a	5785	Ant2	77.58	1.1	0.77
NVNT	a	5825	Ant2	77.58	1.1	0.77
NVNT	n20	5745	Ant1	77.52	1.11	0.77
NVNT	n20	5785	Ant1	77.52	1.11	0.77
NVNT	n20	5825	Ant1	77.58	1.1	0.77
NVNT	n20	5745	Ant2	77.57	1.1	0.77
NVNT	n20	5785	Ant2	77.58	1.1	0.77
NVNT	n20	5825	Ant2	77.16	1.13	0.77
NVNT	n40	5755	Ant1	12.5	9.03	1000
NVNT	n40	5795	Ant1	50	3.01	125
NVNT	n40	5755	Ant2	56.25	2.5	111.11
NVNT	n40	5795	Ant2	12.5	9.03	1000
NVNT	ac20	5745	Ant1	63.79	1.95	1.47
NVNT	ac20	5785	Ant1	63.88	1.95	1.47
NVNT	ac20	5825	Ant1	63.35	1.98	1.47
NVNT	ac20	5745	Ant2	63.35	1.98	1.47
NVNT	ac20	5785	Ant2	63.88	1.95	1.47
NVNT	ac20	5825	Ant2	63.88	1.95	1.47
NVNT	ac40	5755	Ant1	12.5	9.03	1000
NVNT	ac40	5795	Ant1	12.5	9.03	1000
NVNT	ac40	5755	Ant2	12.5	9.03	1000
NVNT	ac40	5795	Ant2	99.07	0	3.12
NVNT	ac80	5775	Ant1	94.59	0.24	28.57
NVNT	ac80	5775	Ant2	0	0	鑒?



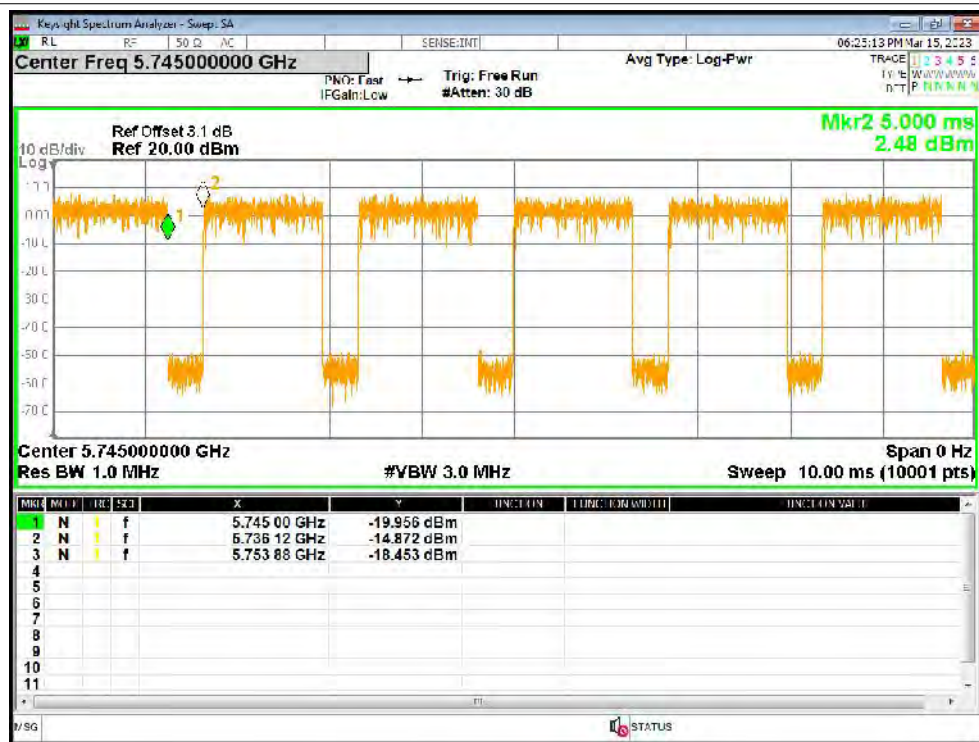
Duty Cycle NVNT a 5785MHz Ant1

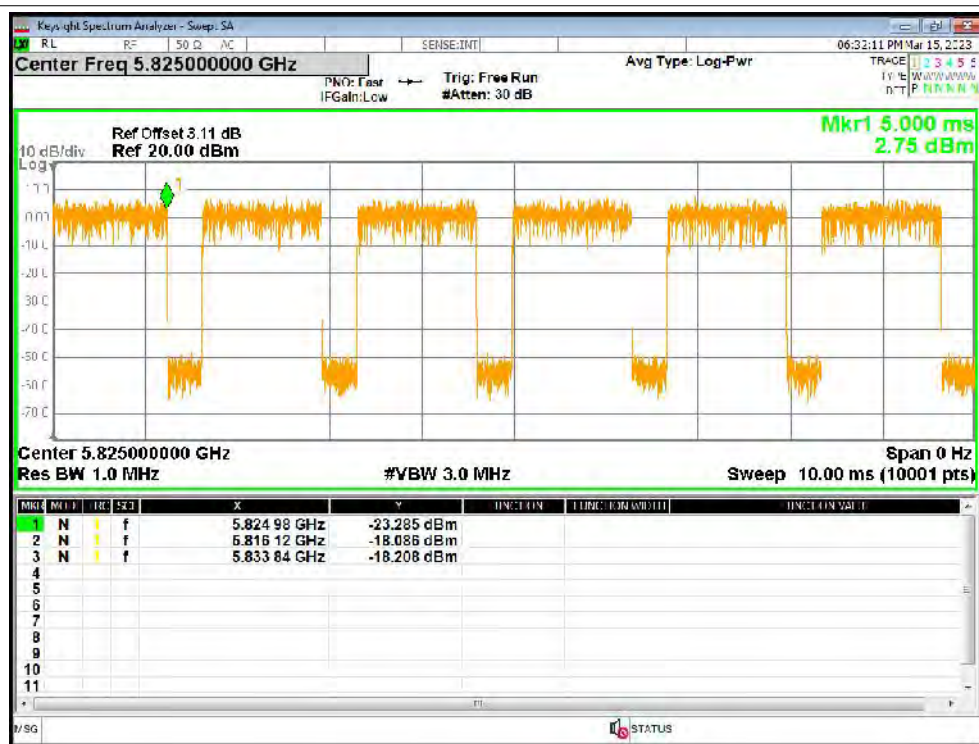


Duty Cycle NVNT a 5825MHz Ant1

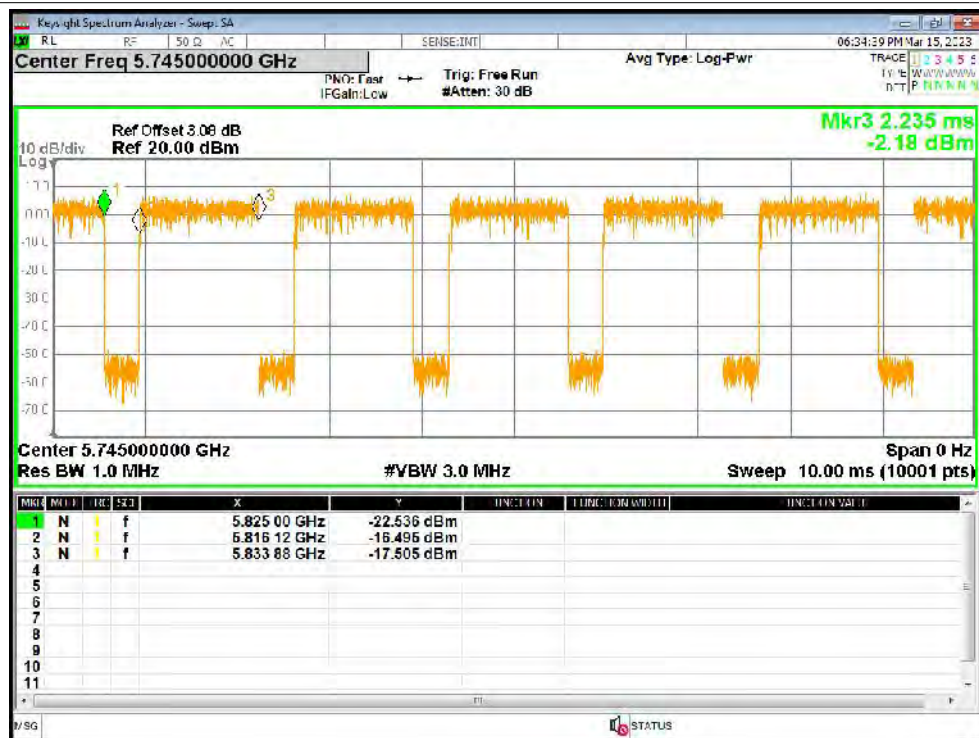


Duty Cycle NVNT a 5745MHz Ant2

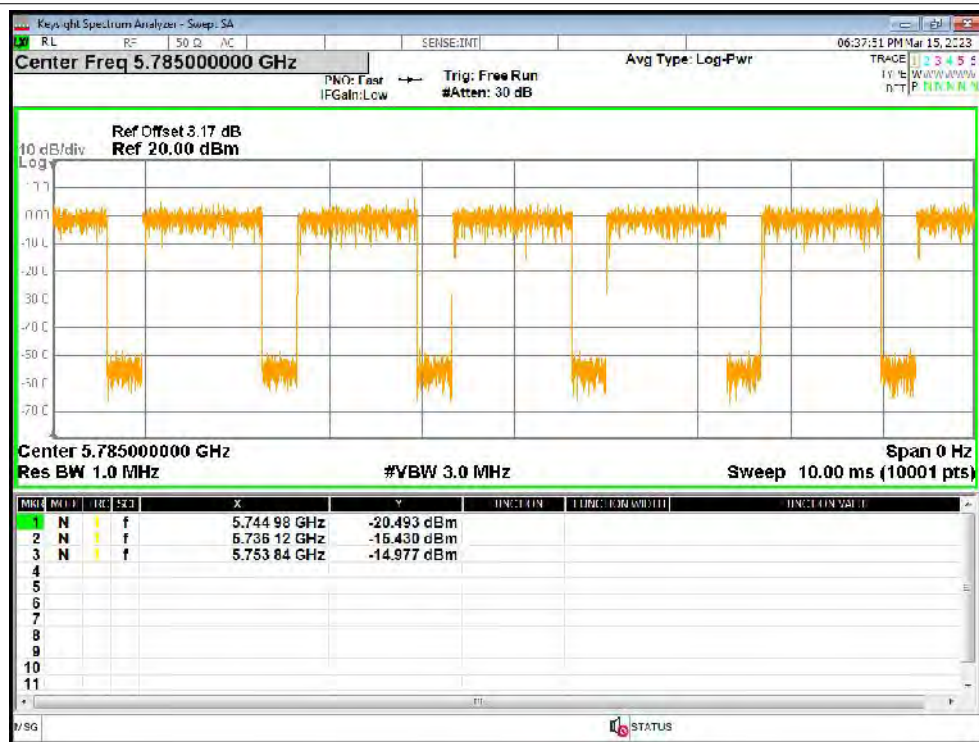




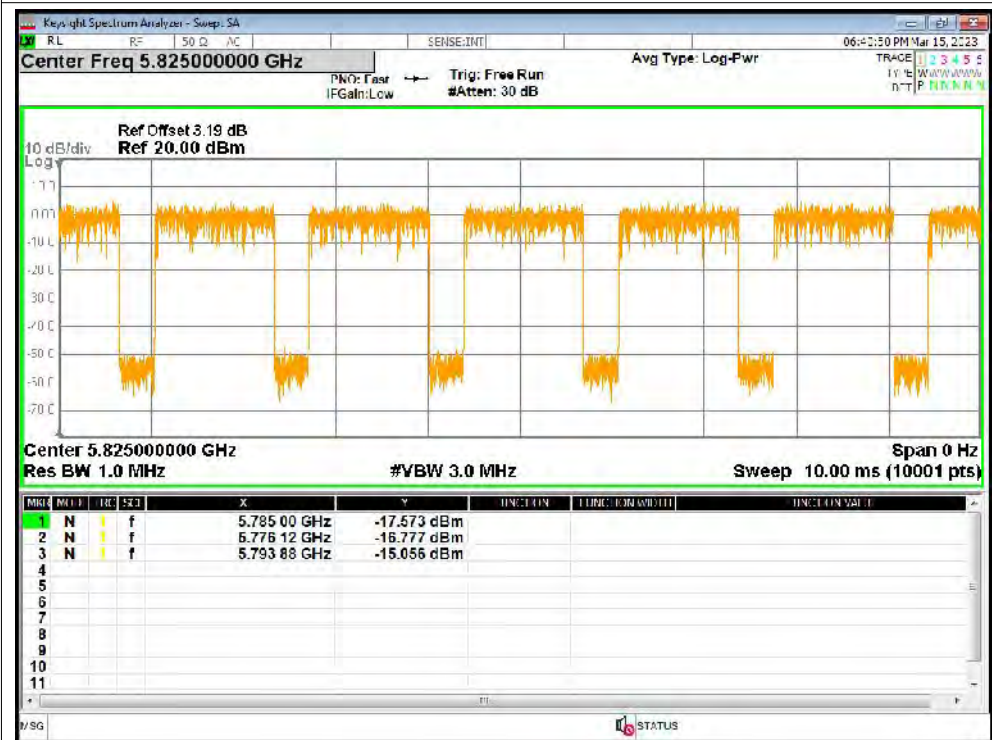
Duty Cycle NVNT n20 5745MHz Ant1



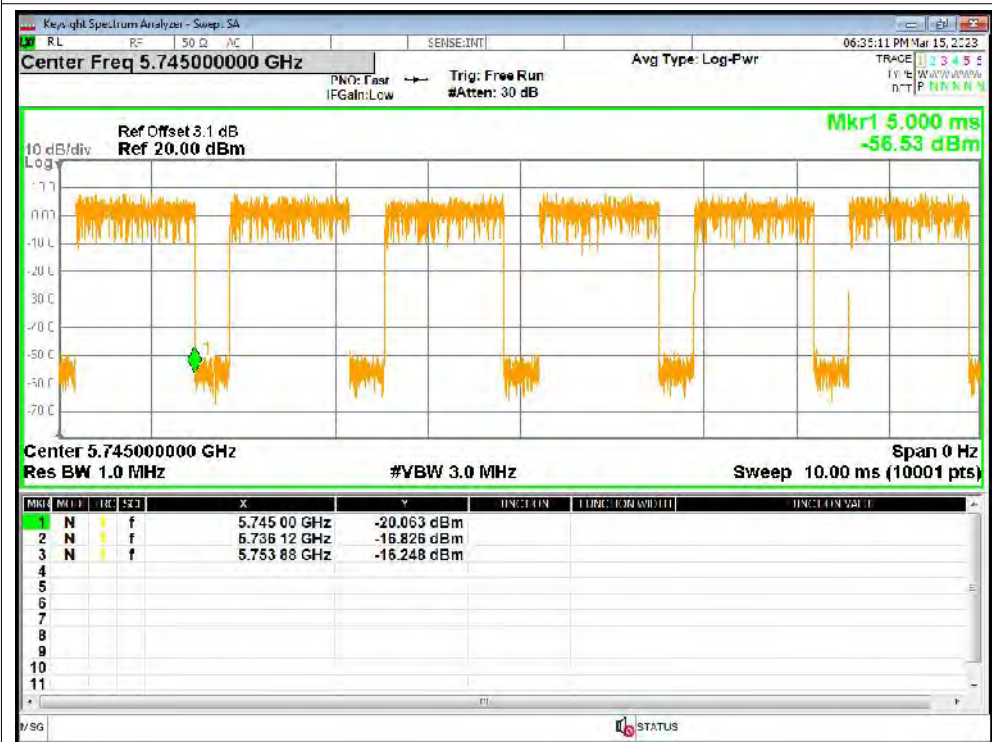
Duty Cycle NVNT n20 5785MHz Ant1



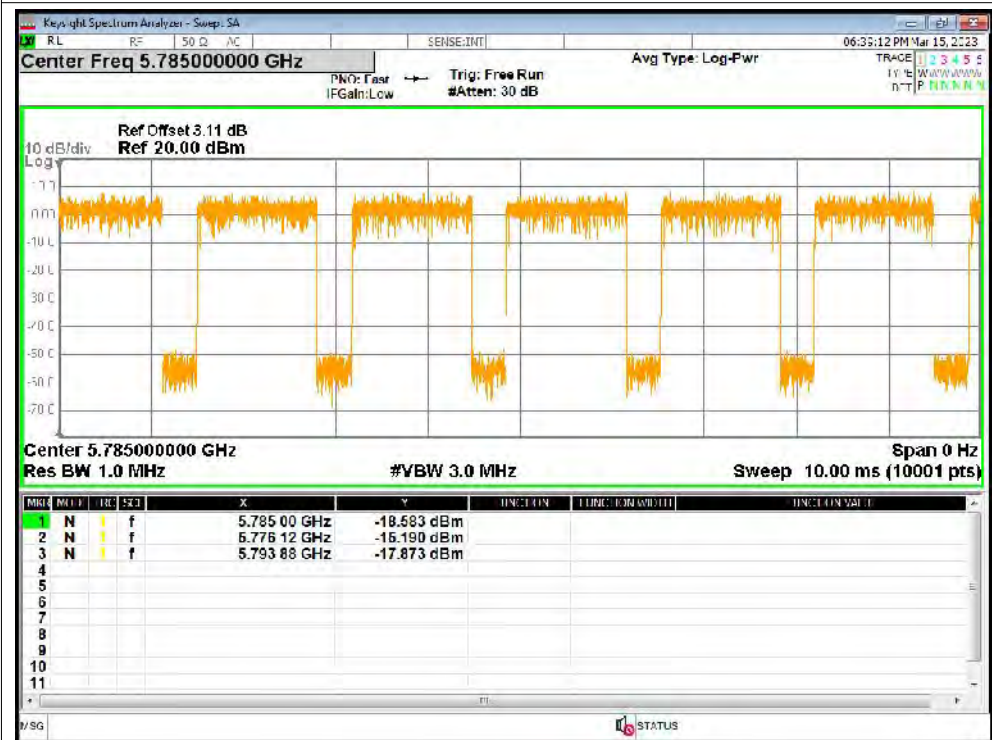
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant2

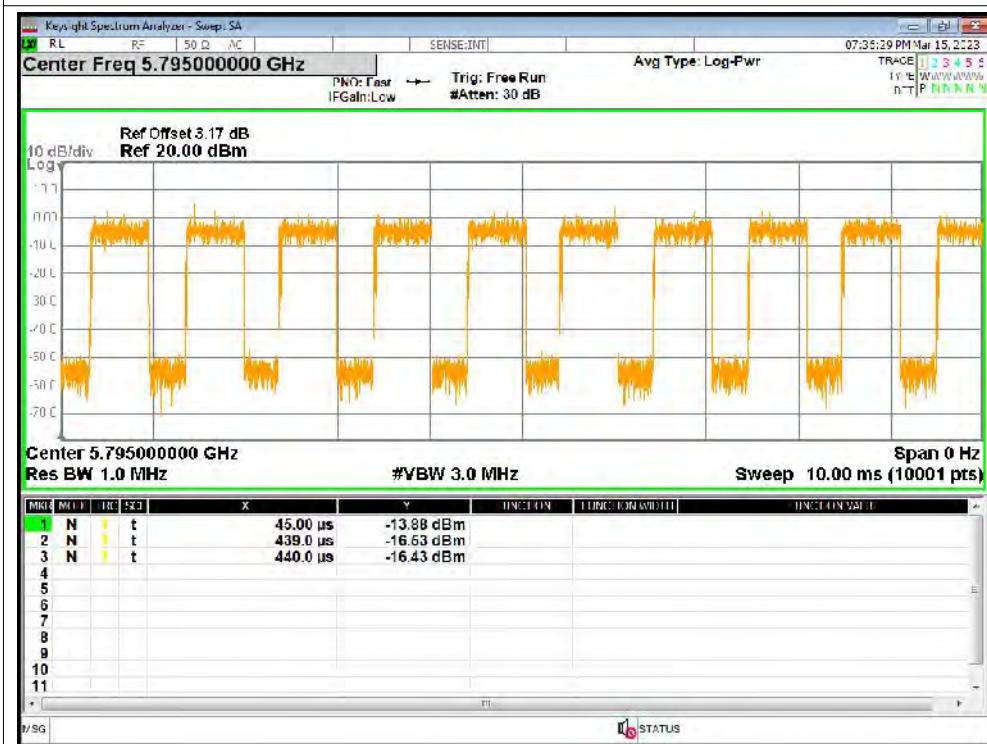


Duty Cycle NVNT n20 5785MHz Ant2

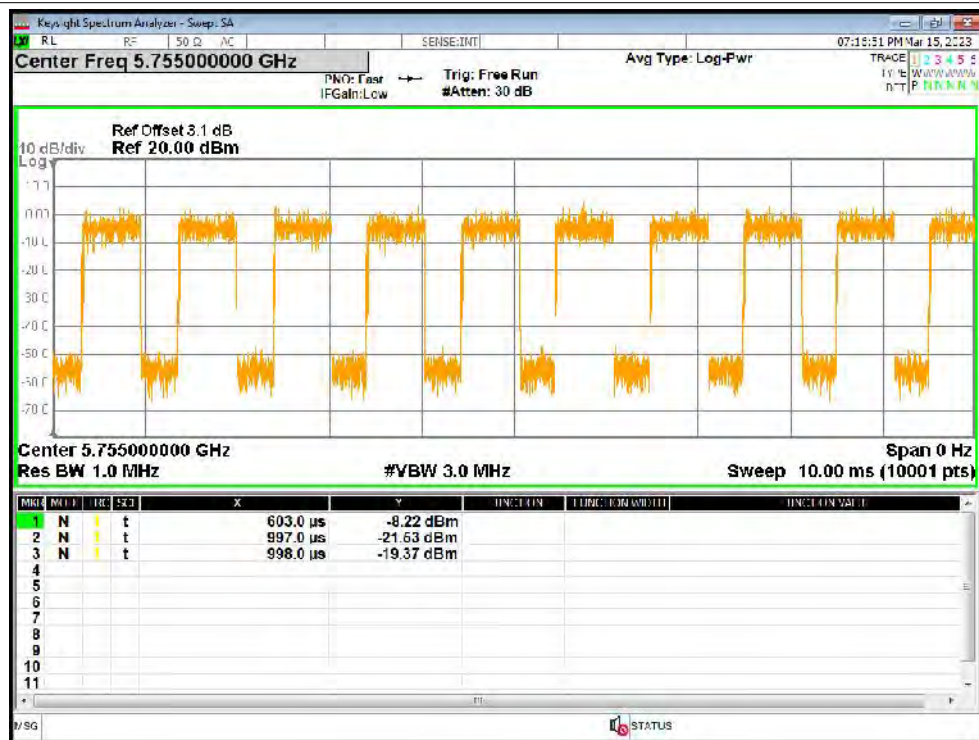


Duty Cycle NVNT n20 5825MHz Ant2

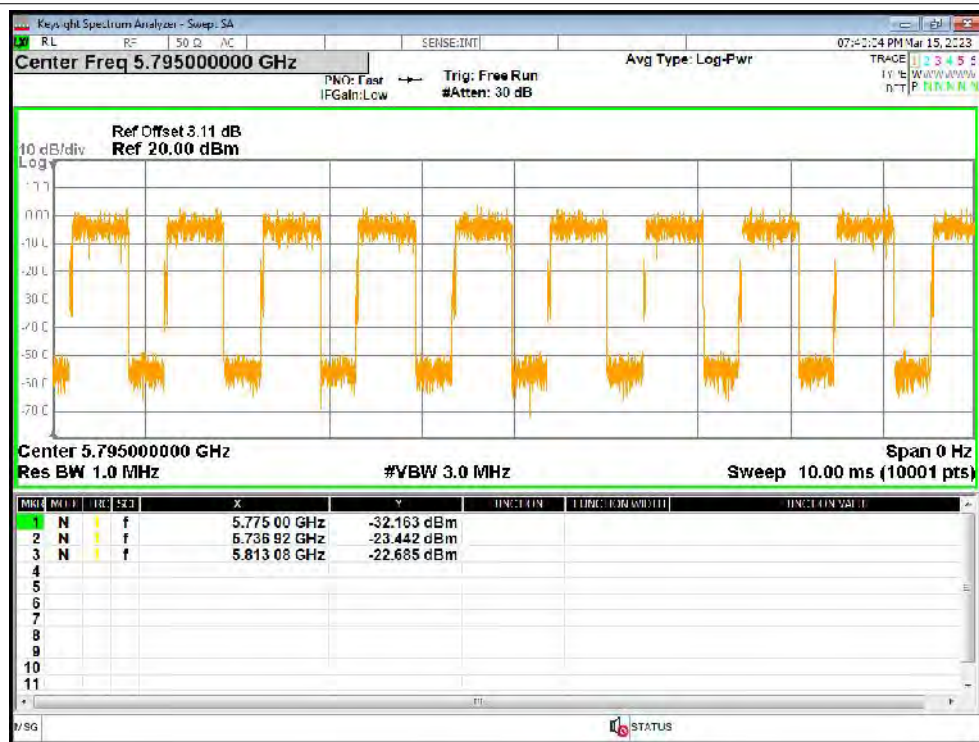




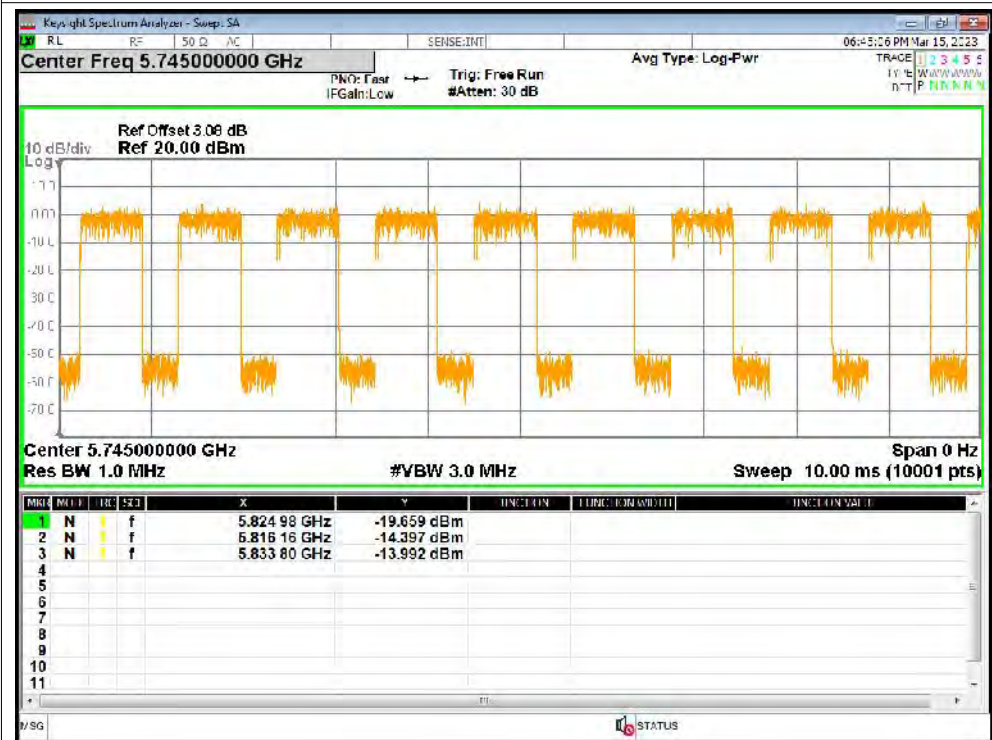
Duty Cycle NVNT n40 5755MHz Ant2



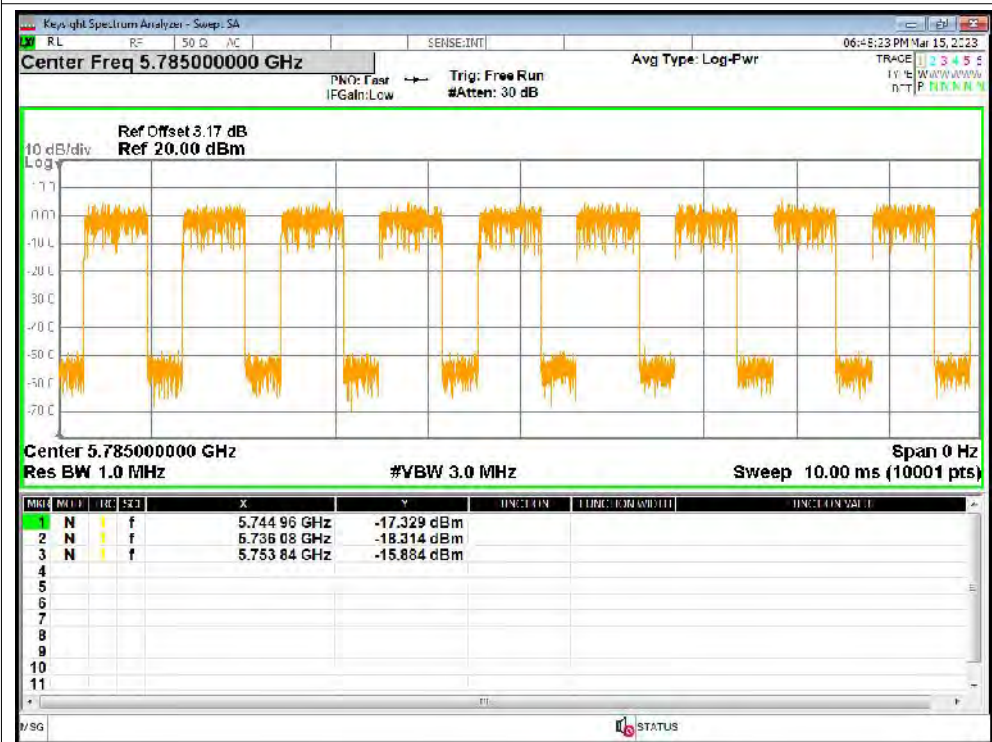
Duty Cycle NVNT n40 5795MHz Ant2



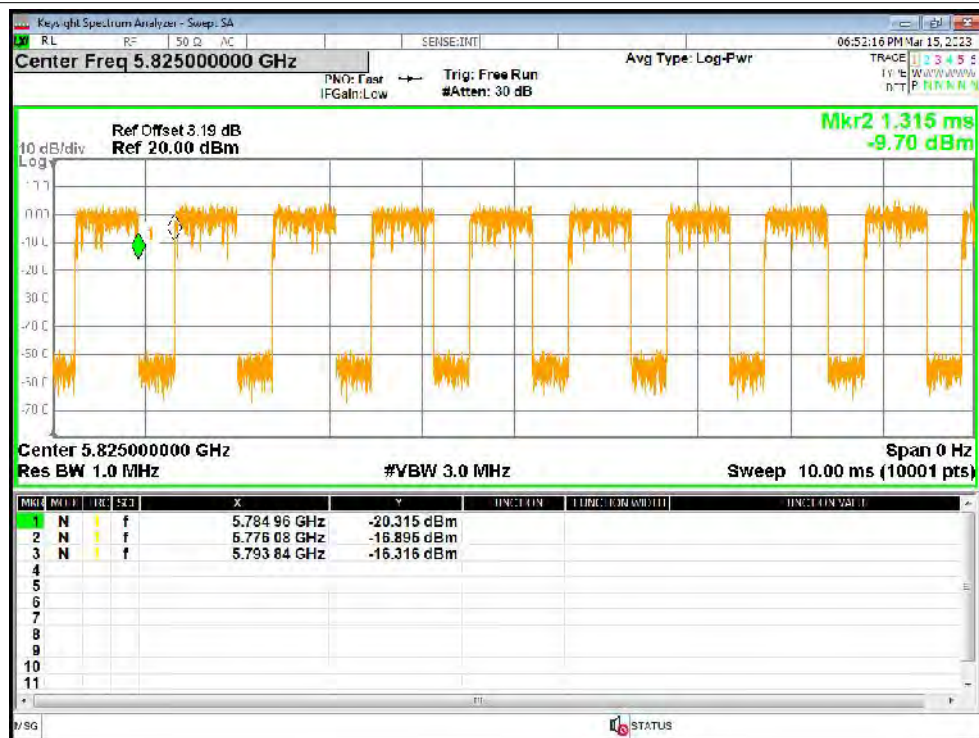
Duty Cycle NVNT ac20 5745MHz Ant1



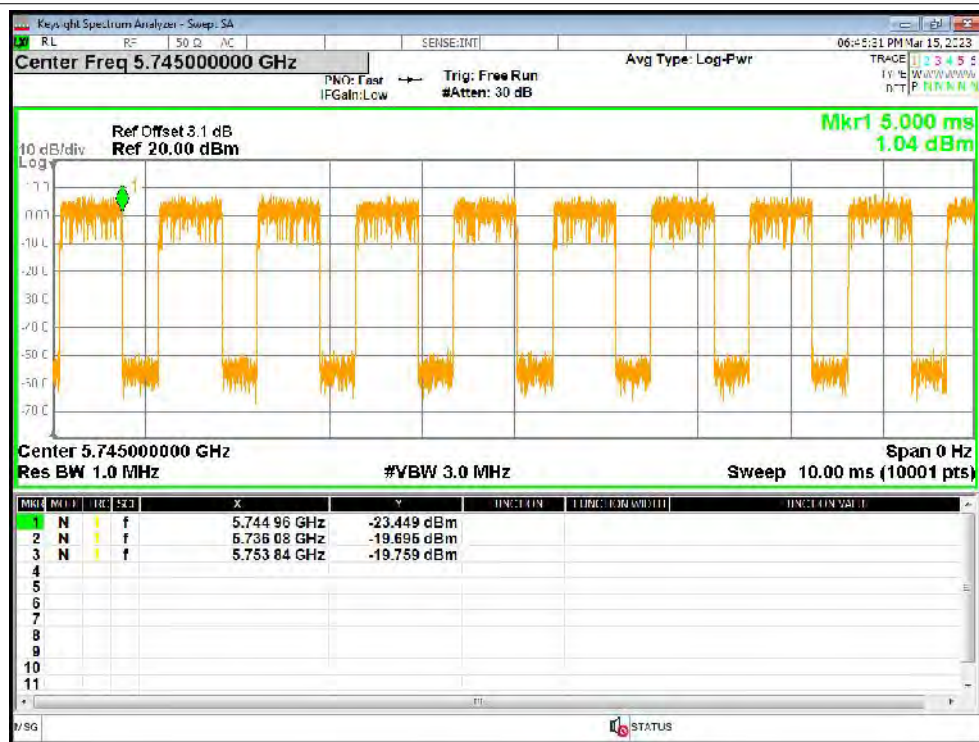
Duty Cycle NVNT ac20 5785MHz Ant1



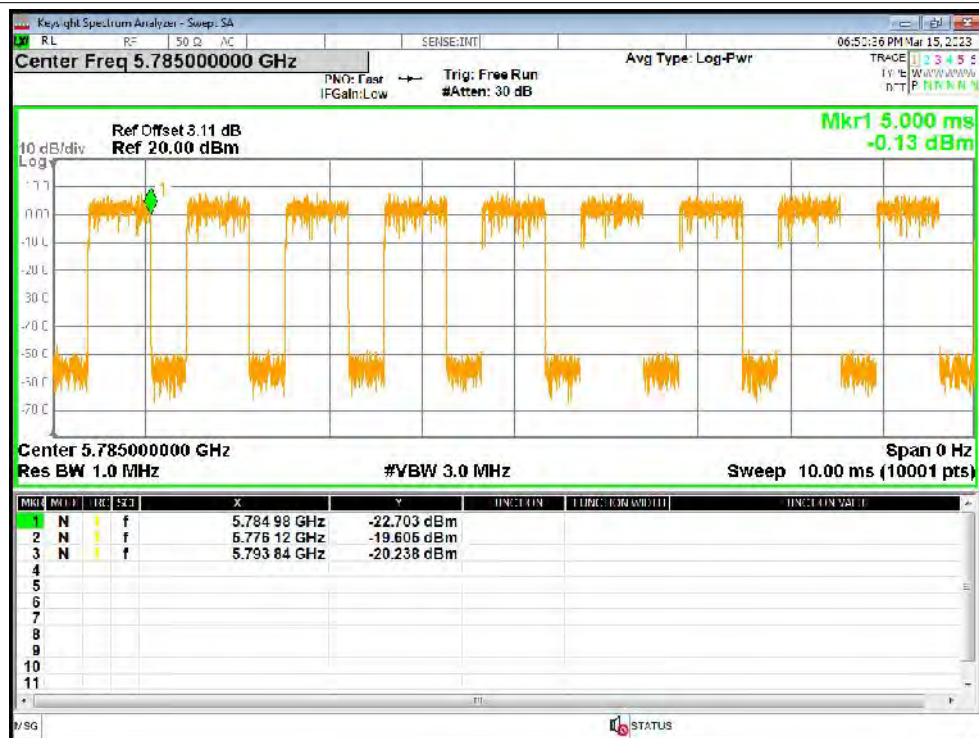
Duty Cycle NVNT ac20 5825MHz Ant1



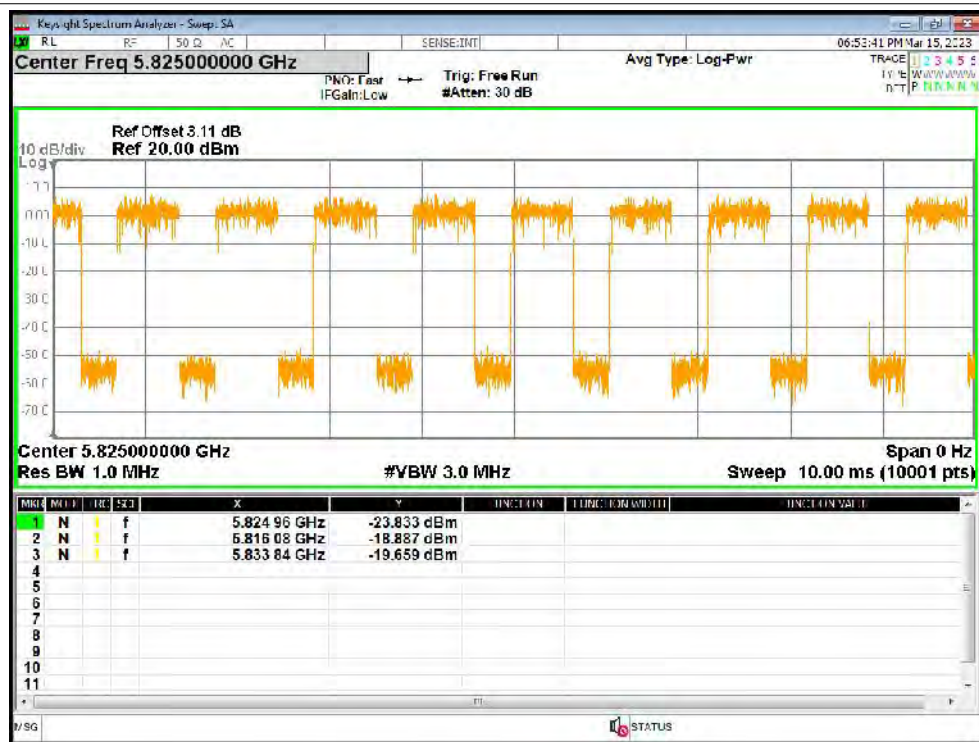
Duty Cycle NVNT ac20 5745MHz Ant2



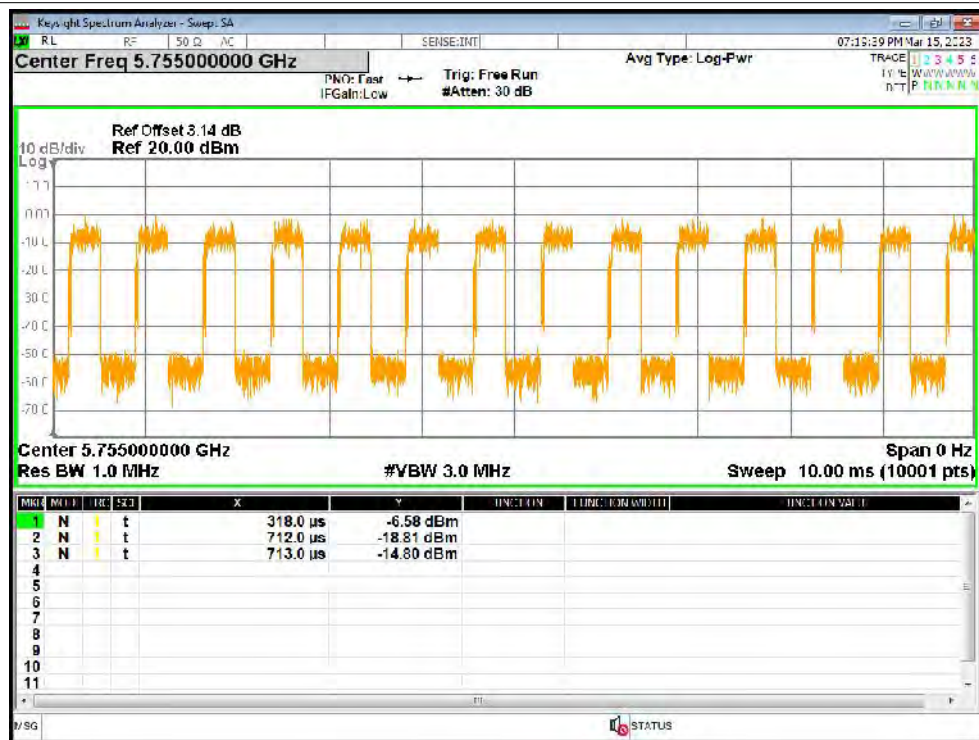
Duty Cycle NVNT ac20 5785MHz Ant2



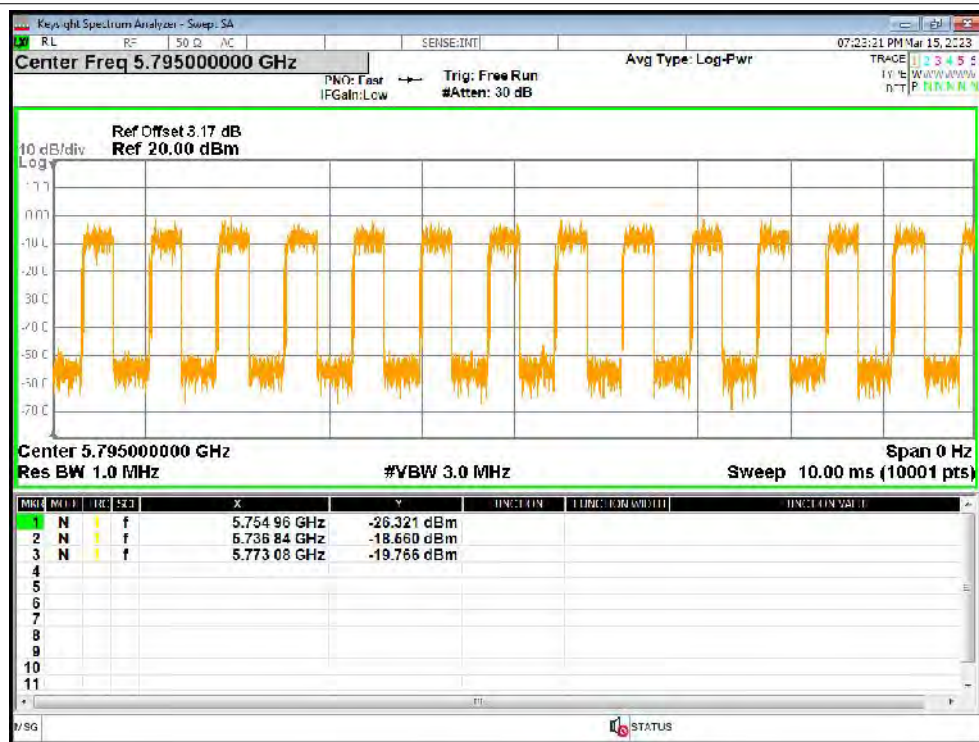
Duty Cycle NVNT ac20 5825MHz Ant2



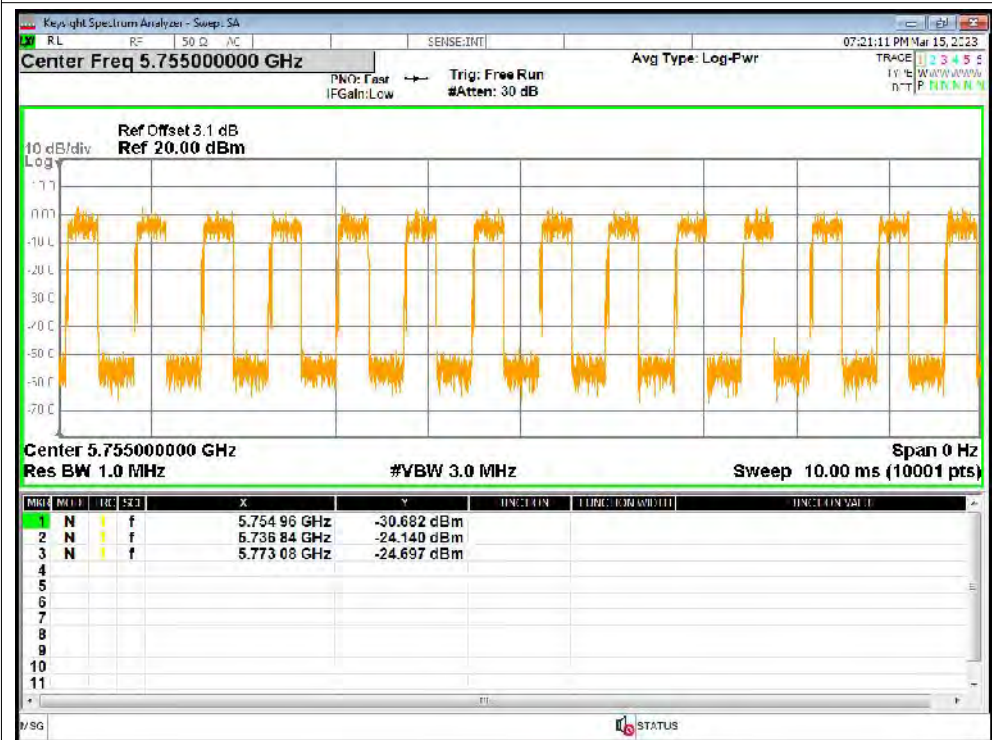
Duty Cycle NVNT ac40 5755MHz Ant1



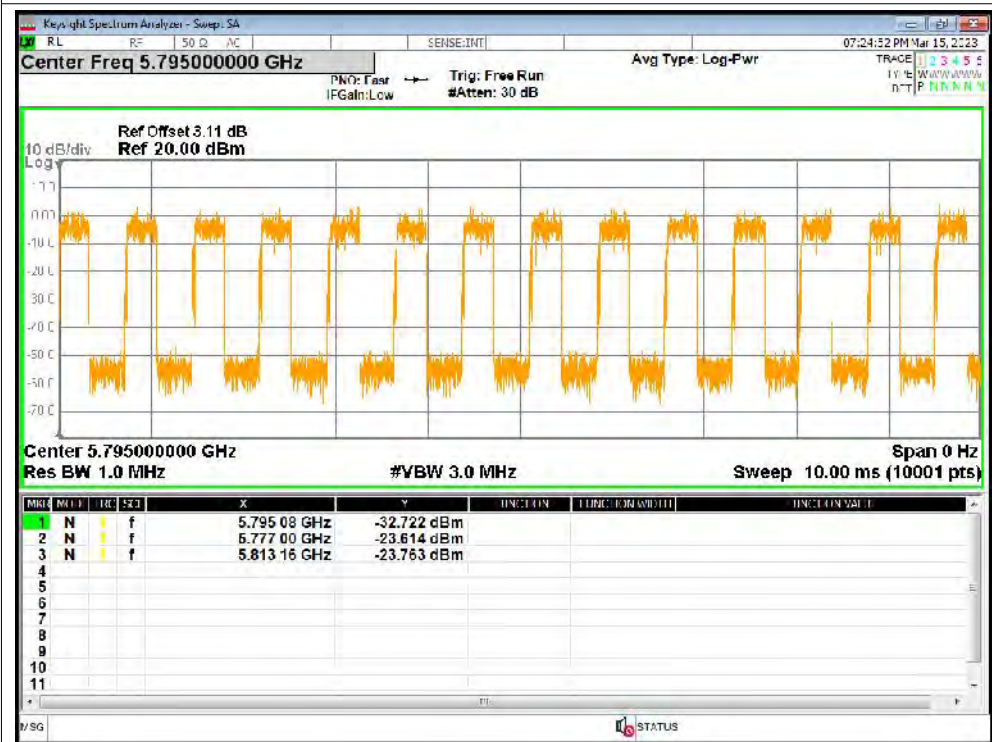
Duty Cycle NVNT ac40 5795MHz Ant1

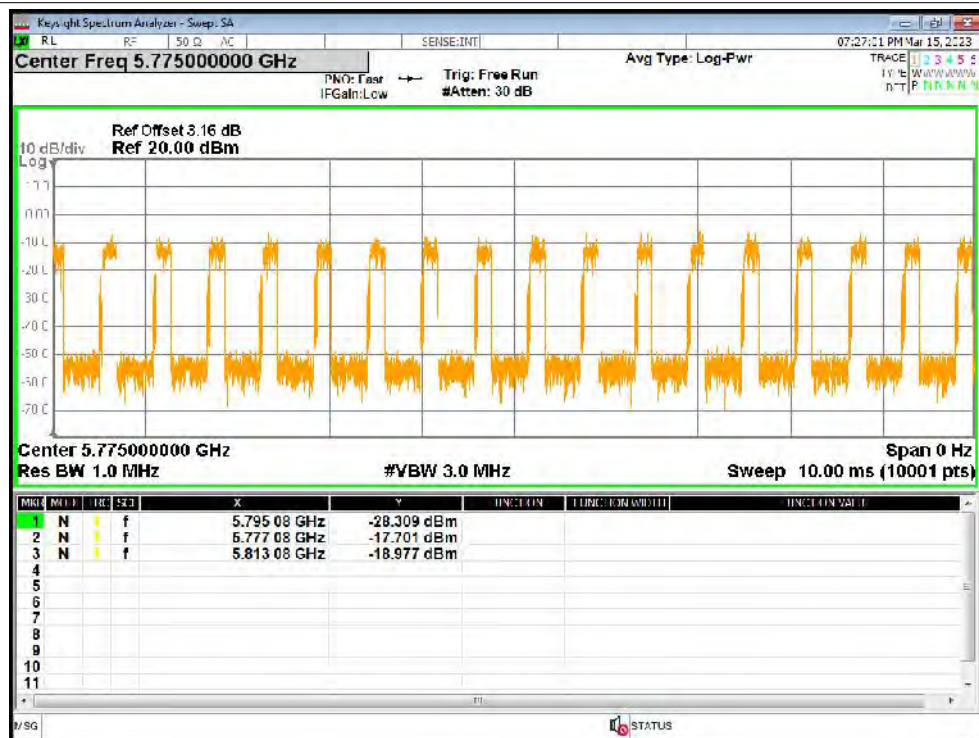


Duty Cycle NVNT ac40 5755MHz Ant2



Duty Cycle NVNT ac40 5795MHz Ant2



[illegible]

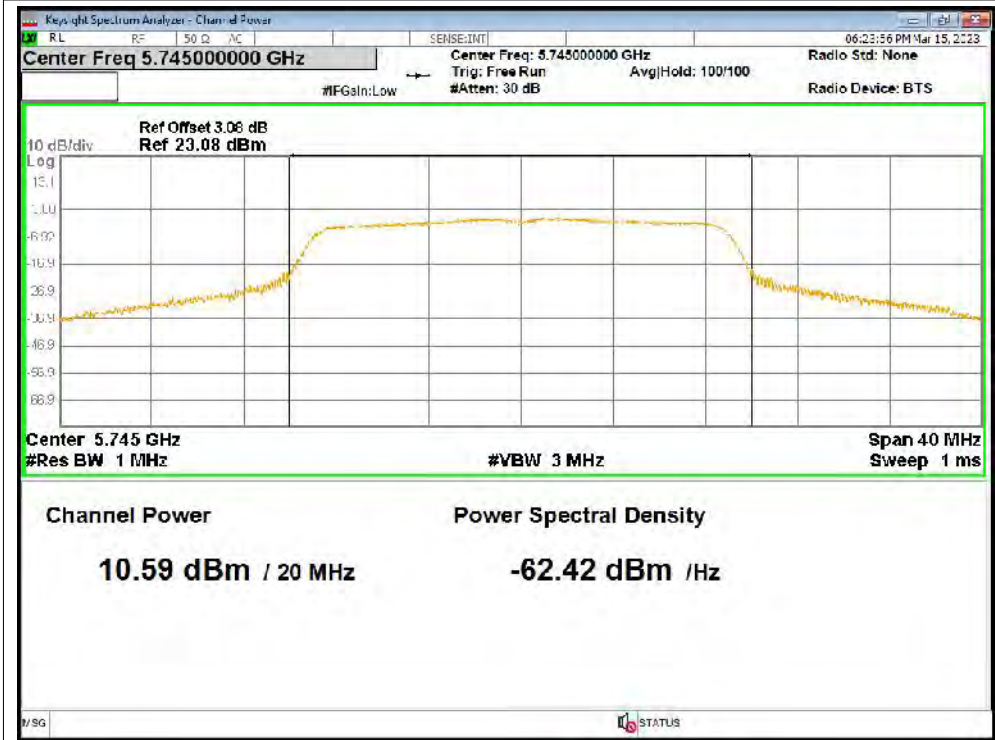
A.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.59	1.1	11.69	30	Pass
NVNT	a	5785	Ant1	11	1.1	12.1	30	Pass
NVNT	a	5825	Ant1	7.51	1.11	8.62	30	Pass
NVNT	a	5745	Ant2	10.81	1.1	11.91	30	Pass
NVNT	a	5785	Ant2	10.35	1.1	11.45	30	Pass
NVNT	a	5825	Ant2	10.15	1.1	11.25	30	Pass
NVNT	n20	5745	Ant1	10.32	1.11	11.43	30	Pass
NVNT	n20	5785	Ant1	10.92	1.11	12.03	30	Pass
NVNT	n20	5825	Ant1	7.46	1.1	8.56	30	Pass
NVNT	n20	5745	Ant2	10.38	1.1	11.48	30	Pass
NVNT	n20	5785	Ant2	11.25	1.1	12.35	30	Pass
NVNT	n20	5825	Ant2	9.98	1.13	11.11	30	Pass
NVNT	n40	5755	Ant1	8.78	9.03	17.81	30	Pass
NVNT	n40	5795	Ant1	8.55	3.01	11.56	30	Pass
NVNT	n40	5755	Ant2	9.43	2.5	11.93	30	Pass
NVNT	n40	5795	Ant2	9.5	9.03	18.53	30	Pass
NVNT	ac20	5745	Ant1	6.07	1.95	8.02	30	Pass
NVNT	ac20	5785	Ant1	6.31	1.95	8.26	30	Pass
NVNT	ac20	5825	Ant1	6.85	1.98	8.83	30	Pass
NVNT	ac20	5745	Ant2	9.91	1.98	11.89	30	Pass
NVNT	ac20	5785	Ant2	9.67	1.95	11.62	30	Pass
NVNT	ac20	5825	Ant2	9.48	1.95	11.43	30	Pass
NVNT	ac40	5755	Ant1	3.56	9.03	12.59	30	Pass
NVNT	ac40	5795	Ant1	4.43	9.03	13.46	30	Pass
NVNT	ac40	5755	Ant2	7.84	9.03	16.87	30	Pass
NVNT	ac40	5795	Ant2	7.97	0	7.97	30	Pass
NVNT	ac80	5775	Ant1	0.98	0.24	1.22	30	Pass
NVNT	ac80	5775	Ant2	5.31	0	5.31	30	Pass

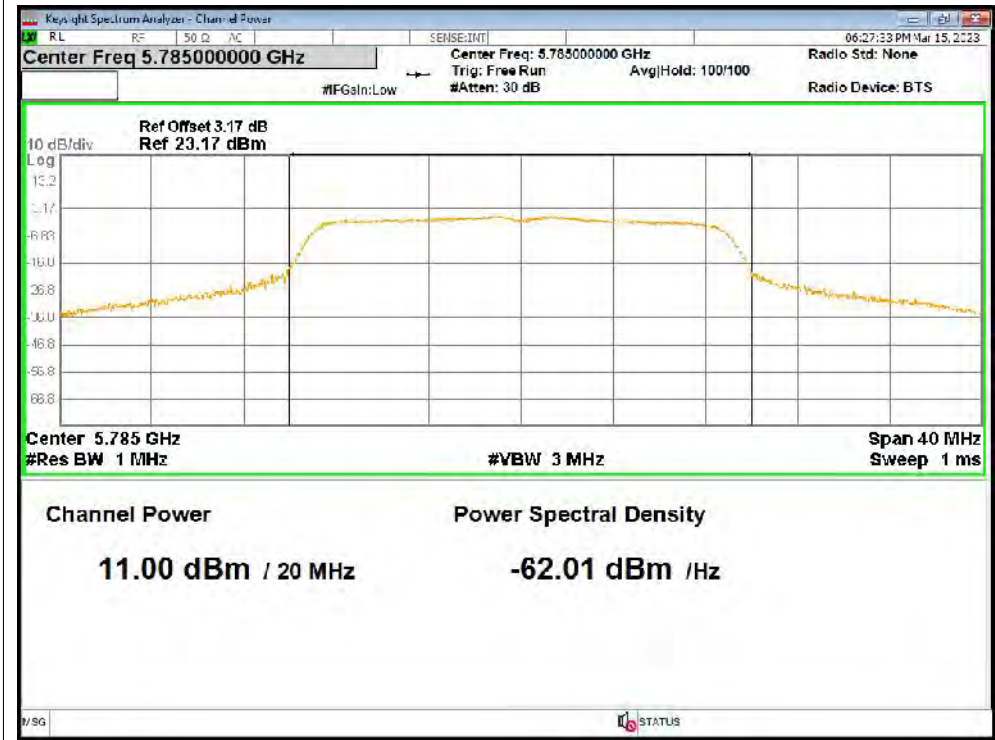
Test mode	Frequency	MIMO EIRP POWER (dBm)	Limit(dBm)	Result
n20	5745	14.47	30	Pass
	5785	15.20	30	Pass
	5825	13.03	30	Pass
n40	5755	18.81	30	Pass
	5795	19.33	30	Pass
ac20	5745	11.46	30	Pass
	5785	13.45	30	Pass
	5825	13.33	30	Pass
ac40	5755	18.25	30	Pass
	5795	14.54	30	Pass
ac80	5775	6.74	30	Pass

Test Graphs

Power NVNT a 5745MHz Ant1



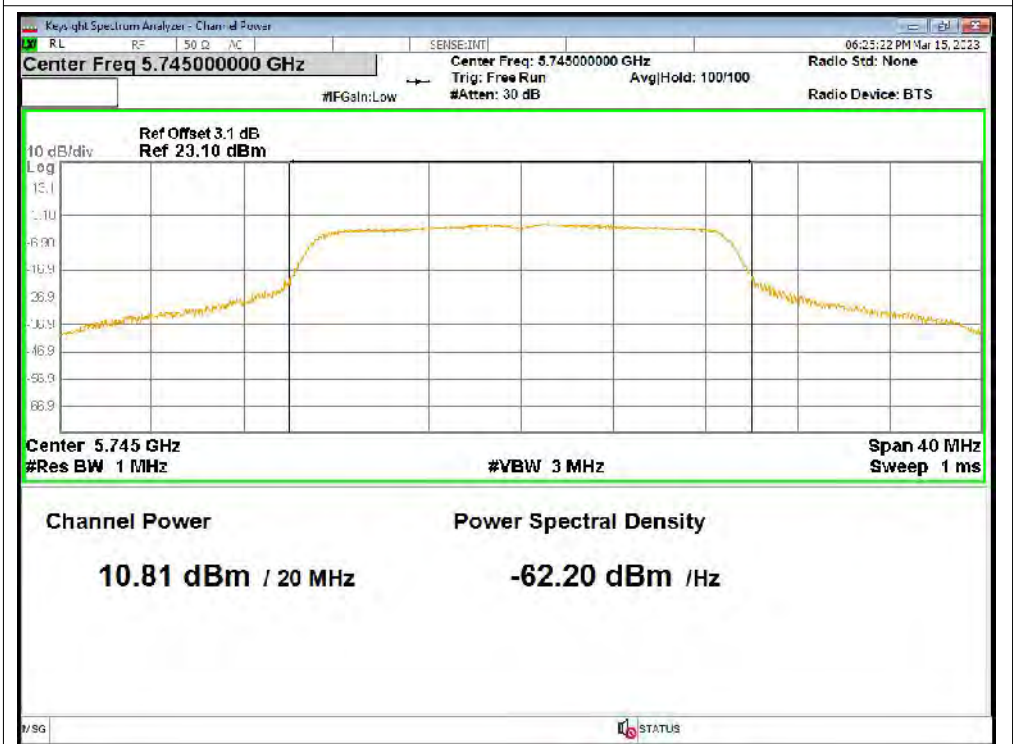
Power NVNT a 5785MHz Ant1



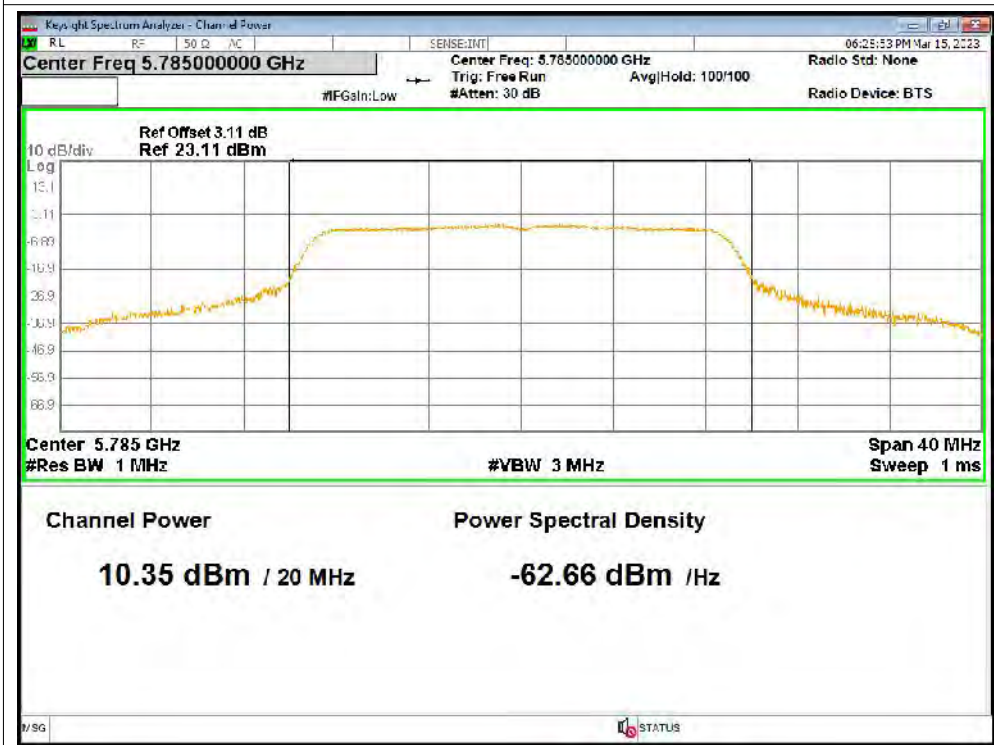
Power NVNT a 5825MHz Ant1



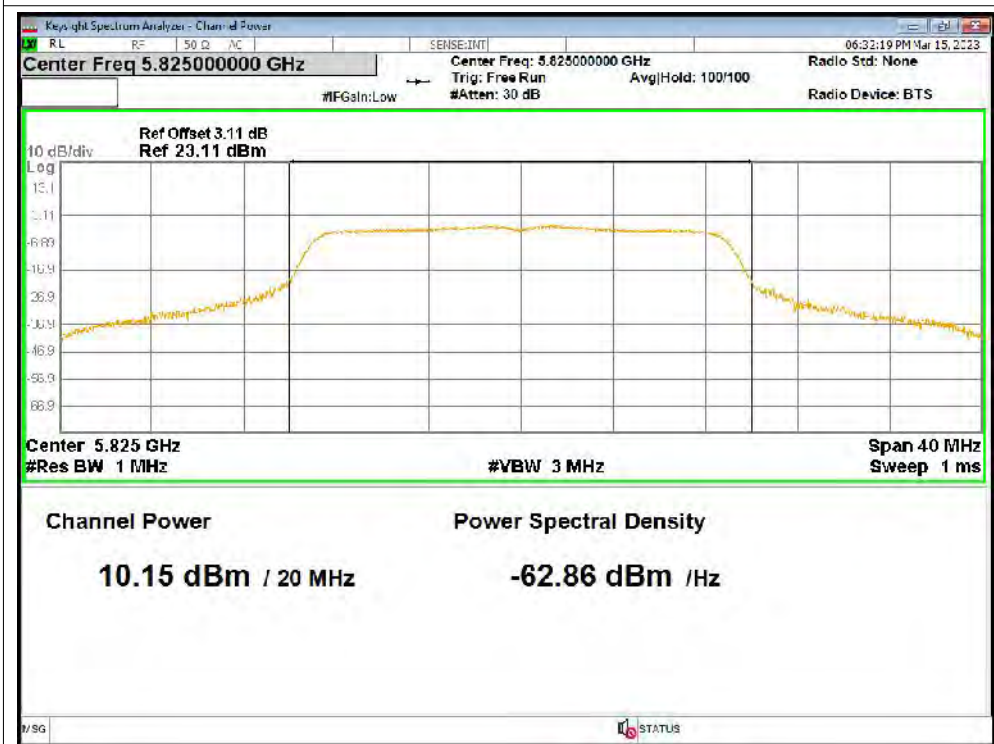
Power NVNT a 5745MHz Ant2



Power NVNT a 5785MHz Ant2



Power NVNT a 5825MHz Ant2



Power NVNT n20 5745MHz Ant1



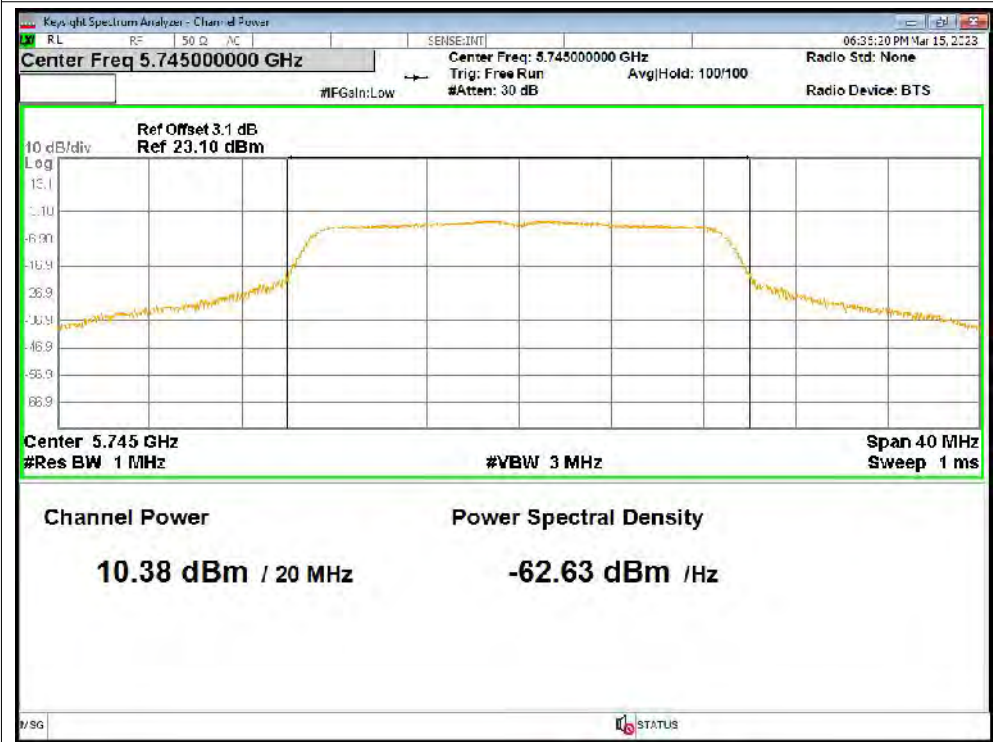
Power NVNT n20 5785MHz Ant1



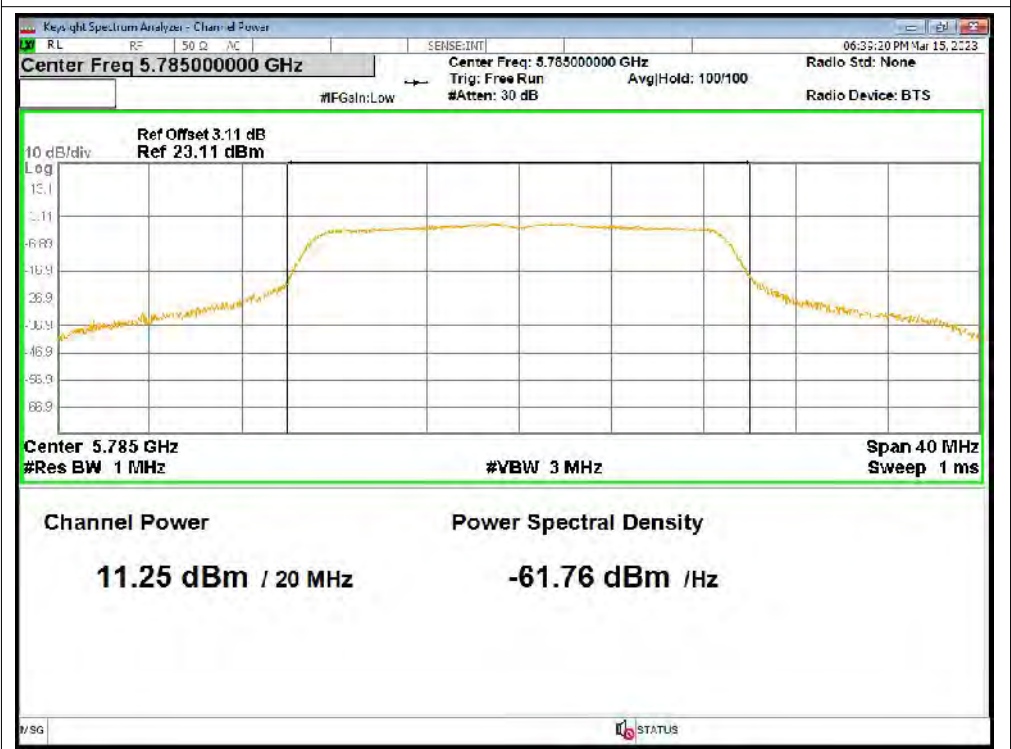
Power NVNT n20 5825MHz Ant1



Power NVNT n20 5745MHz Ant2



Power NVNT n20 5785MHz Ant2



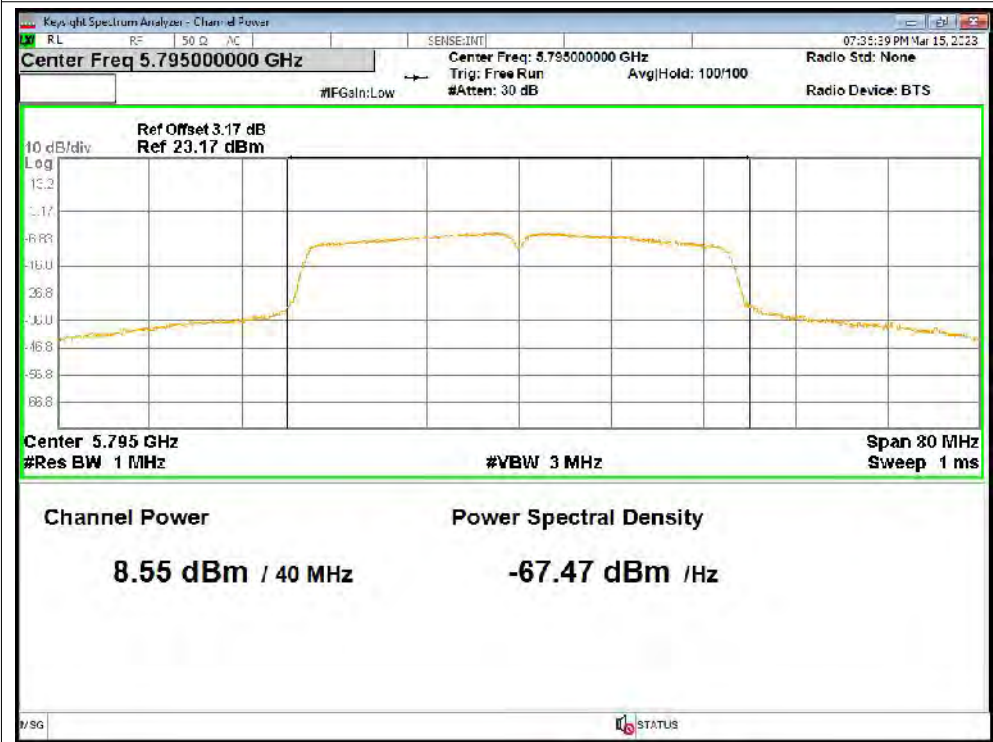
Power NVNT n20 5825MHz Ant2



Power NVNT n40 5755MHz Ant1



Power NVNT n40 5795MHz Ant1



Power NVNT n40 5755MHz Ant2



Power NVNT n40 5795MHz Ant2



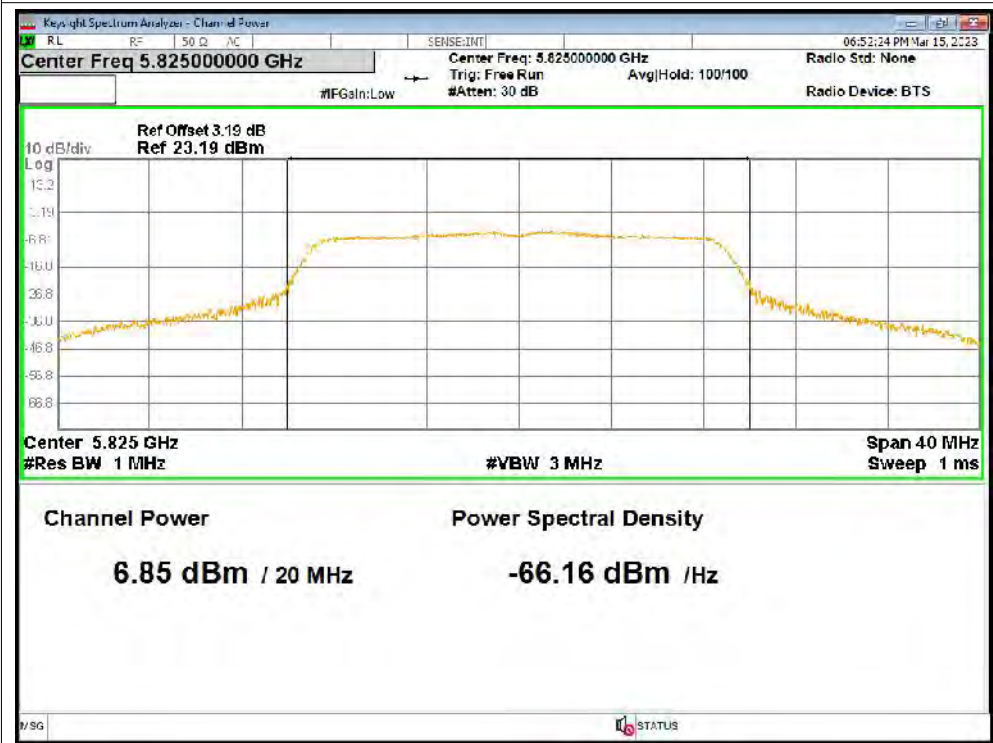
Power NVNT ac20 5745MHz Ant1



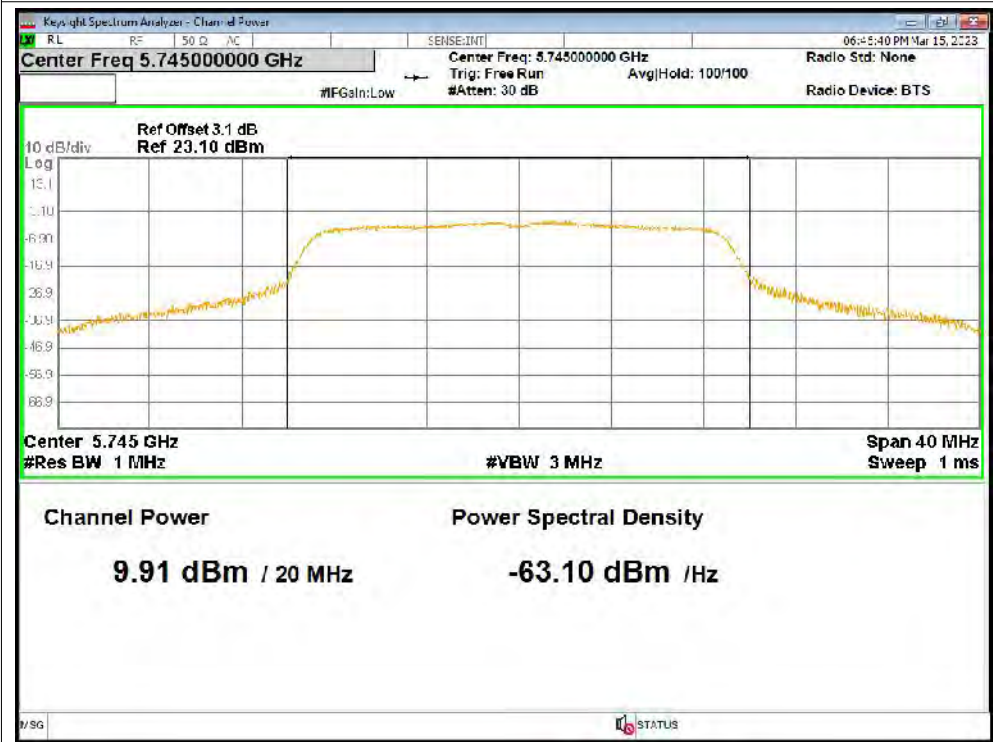
Power NVNT ac20 5785MHz Ant1



Power NVNT ac20 5825MHz Ant1



Power NVNT ac20 5745MHz Ant2



Power NVNT ac20 5785MHz Ant2



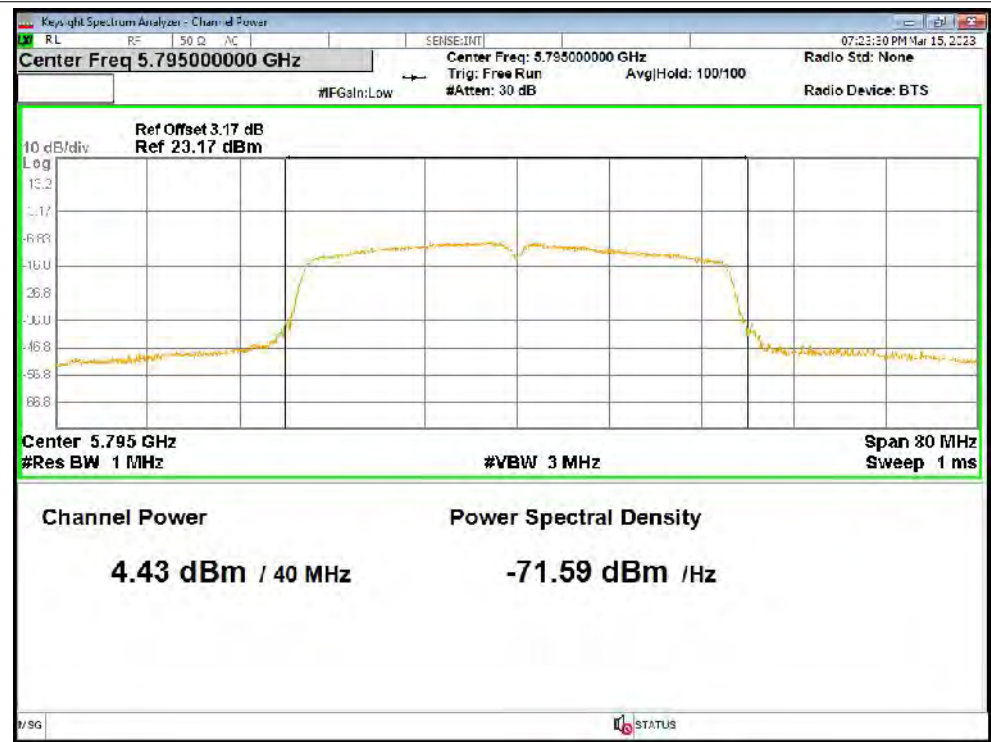
Power NVNT ac20 5825MHz Ant2



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

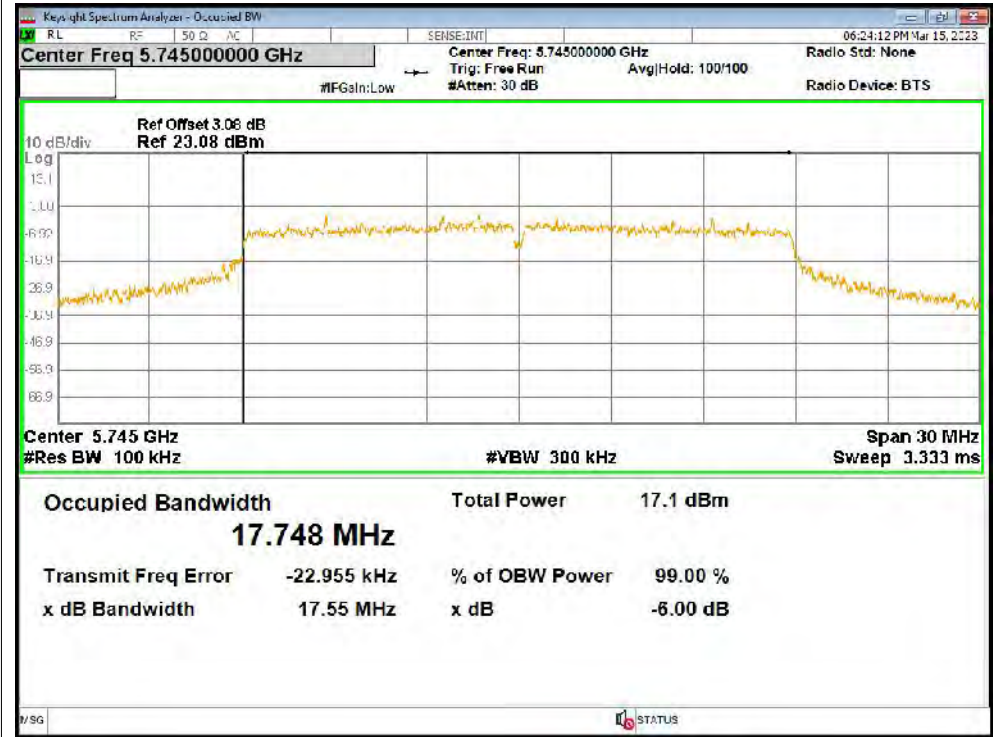


A.3 -6dB Bandwidth

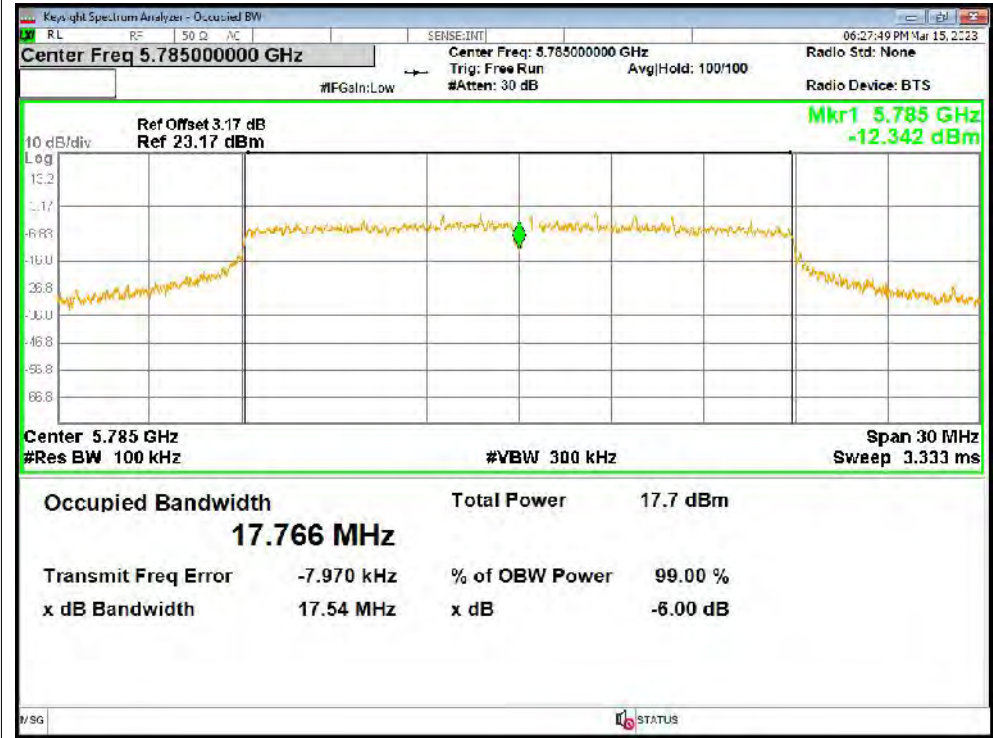
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	17.552	0.5	Pass
NVNT	a	5785	Ant1	17.542	0.5	Pass
NVNT	a	5825	Ant1	16.441	0.5	Pass
NVNT	a	5745	Ant2	16.889	0.5	Pass
NVNT	a	5785	Ant2	17.572	0.5	Pass
NVNT	a	5825	Ant2	17.129	0.5	Pass
NVNT	n20	5745	Ant1	17.559	0.5	Pass
NVNT	n20	5785	Ant1	17.18	0.5	Pass
NVNT	n20	5825	Ant1	15.027	0.5	Pass
NVNT	n20	5745	Ant2	17.293	0.5	Pass
NVNT	n20	5785	Ant2	16.322	0.5	Pass
NVNT	n20	5825	Ant2	17.556	0.5	Pass
NVNT	n40	5755	Ant1	30.094	0.5	Pass
NVNT	n40	5795	Ant1	33.781	0.5	Pass
NVNT	n40	5755	Ant2	34.93	0.5	Pass
NVNT	n40	5795	Ant2	33.792	0.5	Pass
NVNT	ac20	5745	Ant1	16.329	0.5	Pass
NVNT	ac20	5785	Ant1	16.077	0.5	Pass
NVNT	ac20	5825	Ant1	13.876	0.5	Pass
NVNT	ac20	5745	Ant2	15.694	0.5	Pass
NVNT	ac20	5785	Ant2	16.917	0.5	Pass
NVNT	ac20	5825	Ant2	17.544	0.5	Pass
NVNT	ac40	5755	Ant1	32.558	0.5	Pass
NVNT	ac40	5795	Ant1	35.092	0.5	Pass
NVNT	ac40	5755	Ant2	35.069	0.5	Pass
NVNT	ac40	5795	Ant2	34.936	0.5	Pass
NVNT	ac80	5775	Ant1	75.067	0.5	Pass
NVNT	ac80	5775	Ant2	75.083	0.5	Pass

Test Graphs

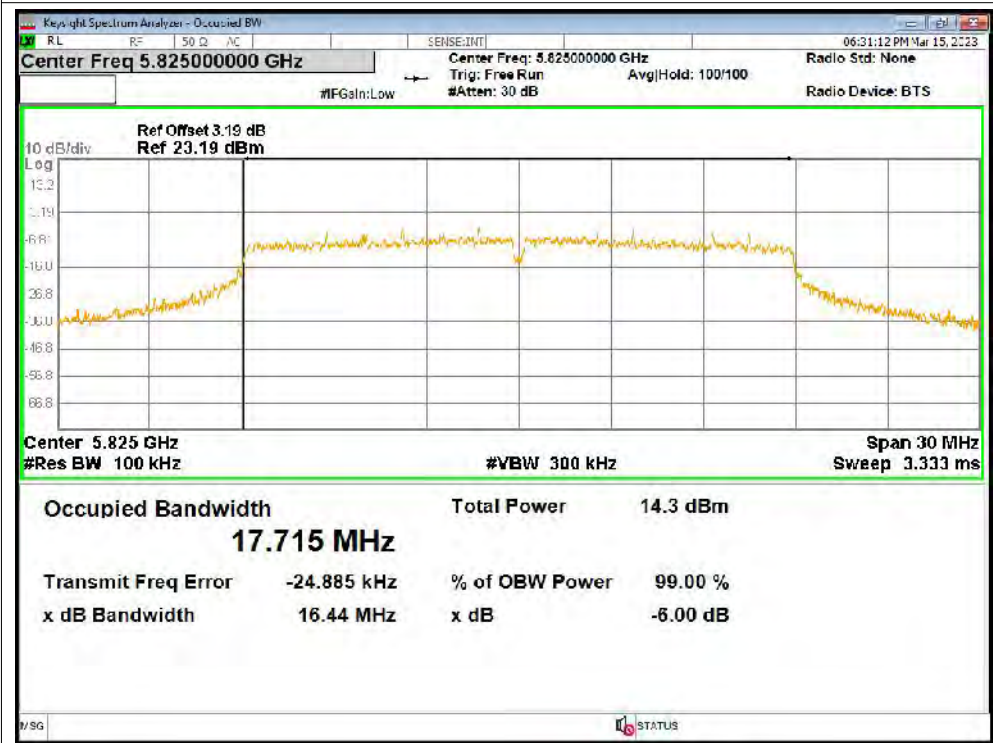
-6dB Bandwidth NVNT a 5745MHz Ant1



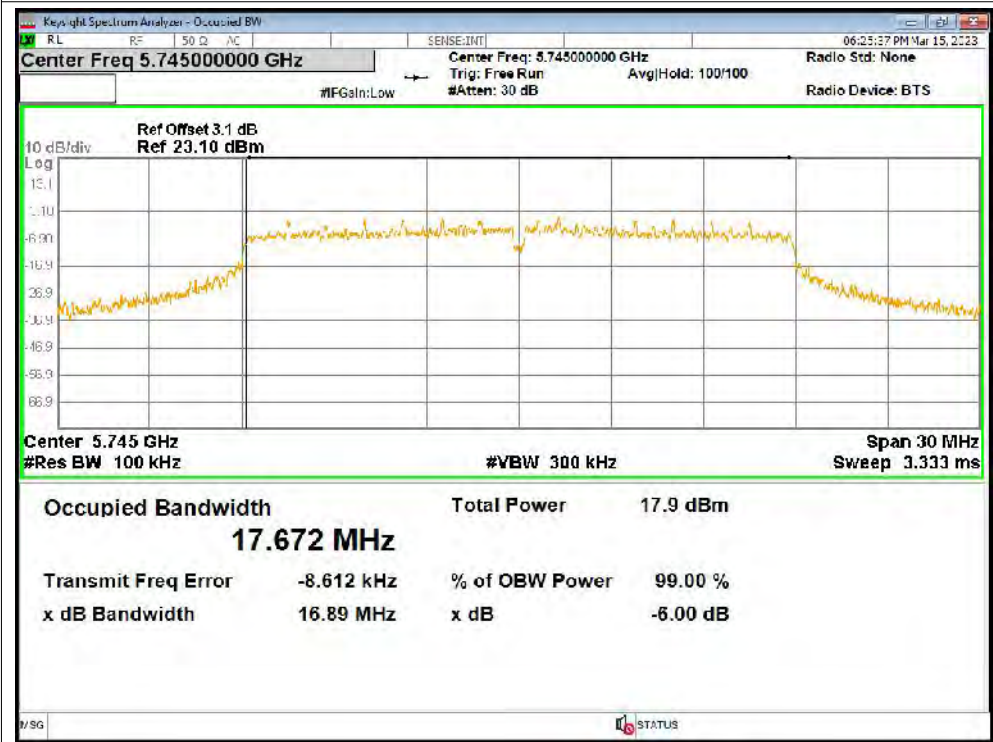
-6dB Bandwidth NVNT a 5785MHz Ant1



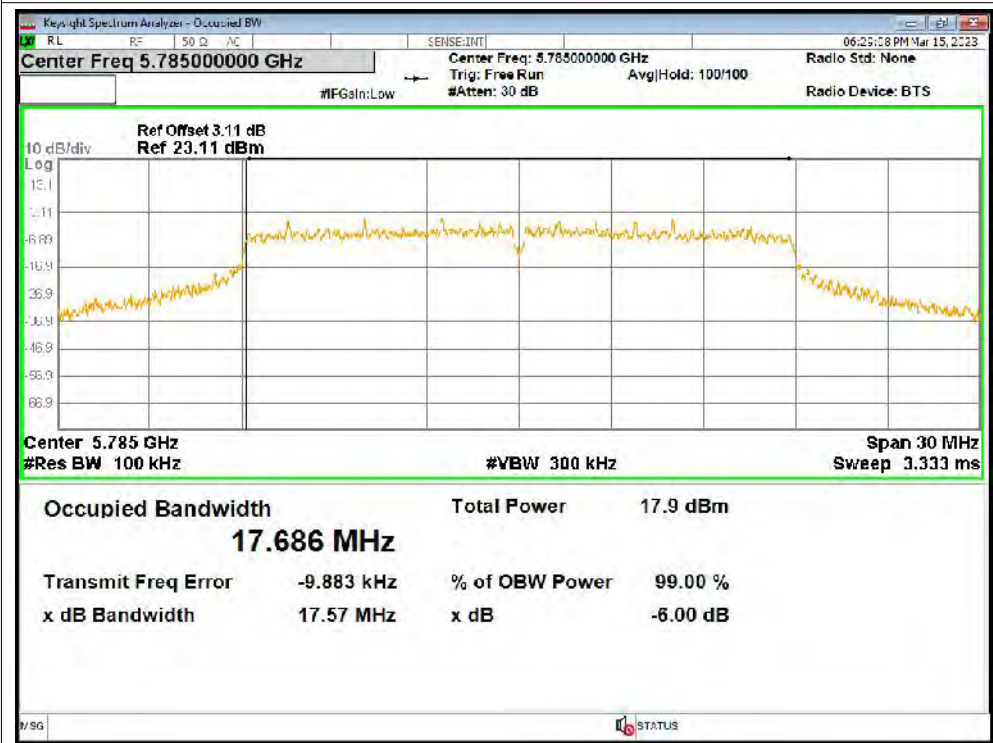
-6dB Bandwidth NVNT a 5825MHz Ant1



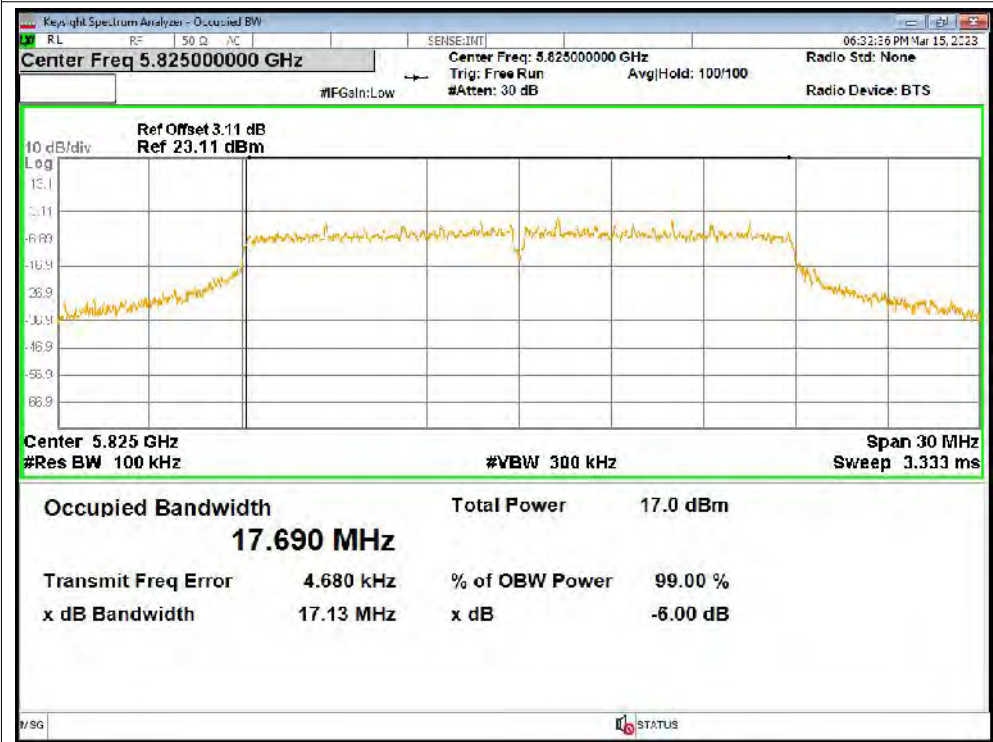
-6dB Bandwidth NVNT a 5745MHz Ant2



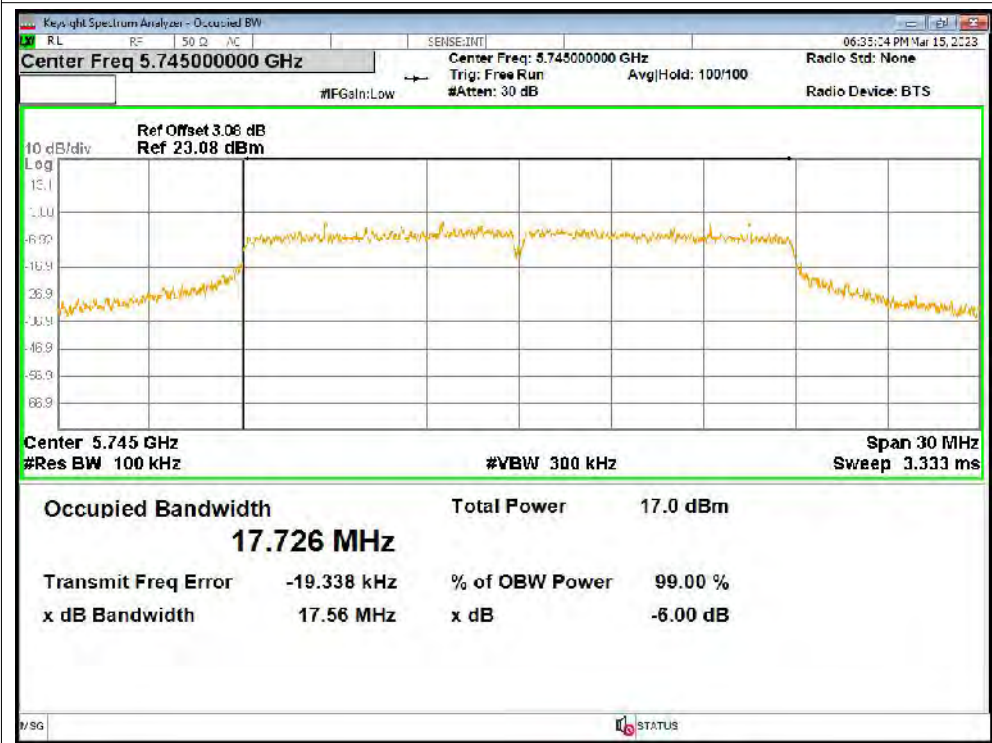
-6dB Bandwidth NVNT a 5785MHz Ant2



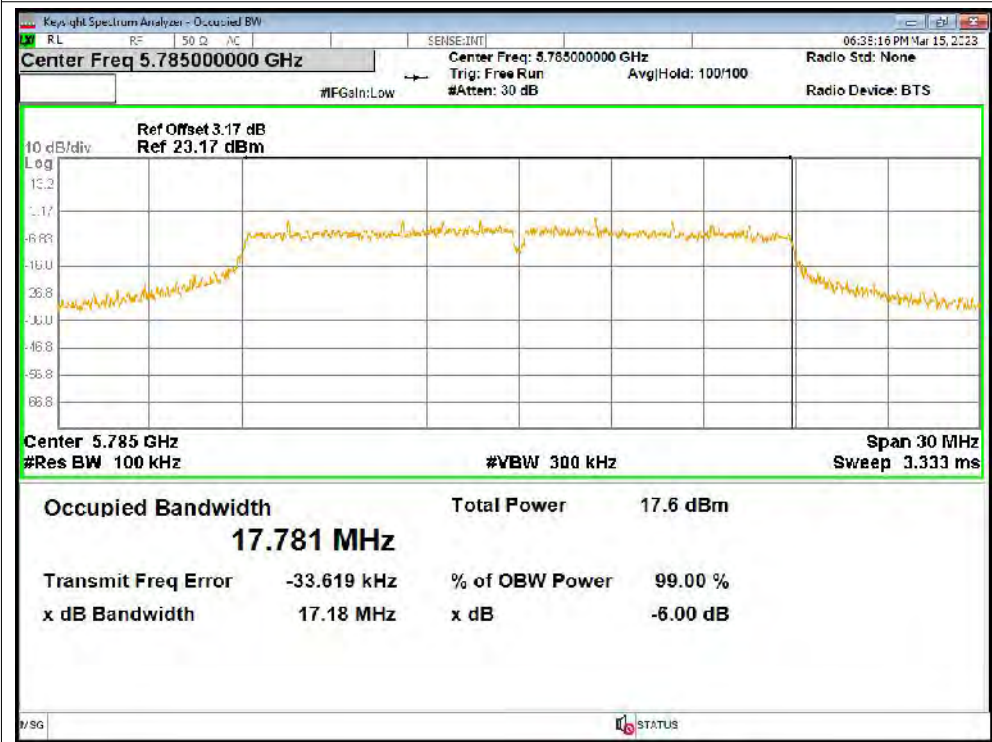
-6dB Bandwidth NVNT a 5825MHz Ant2



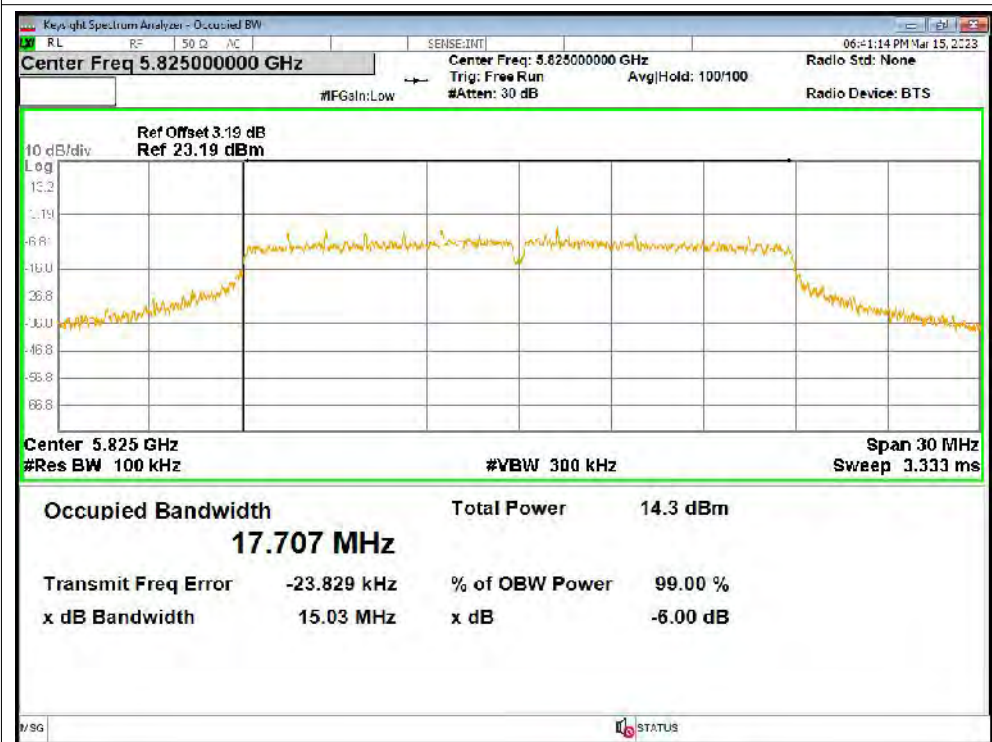
-6dB Bandwidth NVNT n20 5745MHz Ant1



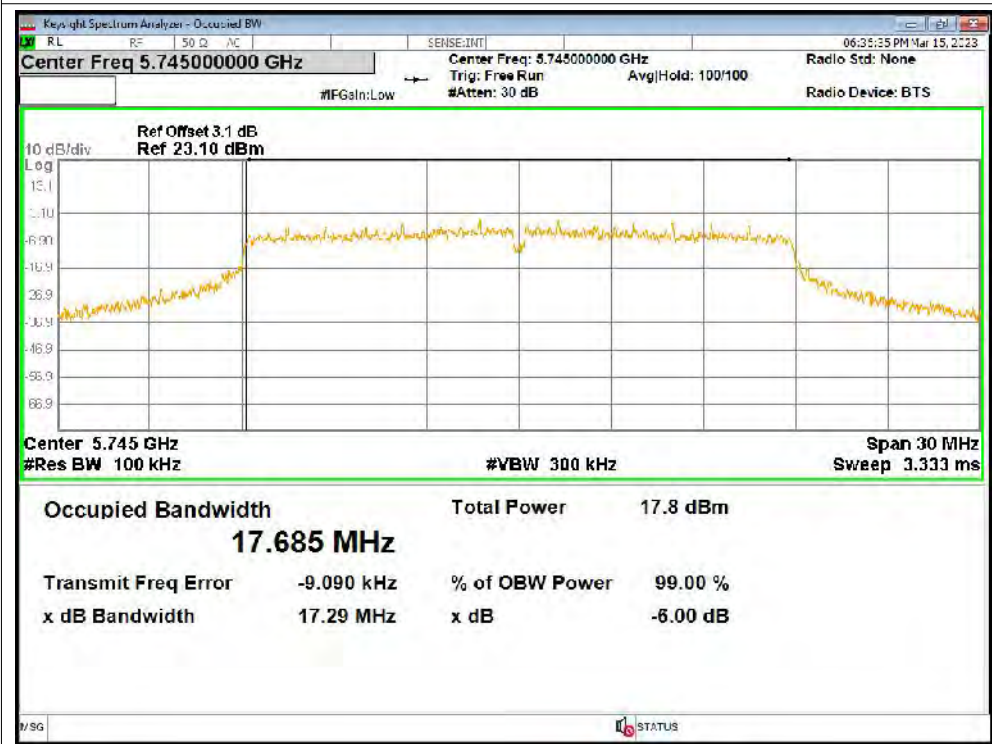
-6dB Bandwidth NVNT n20 5785MHz Ant1



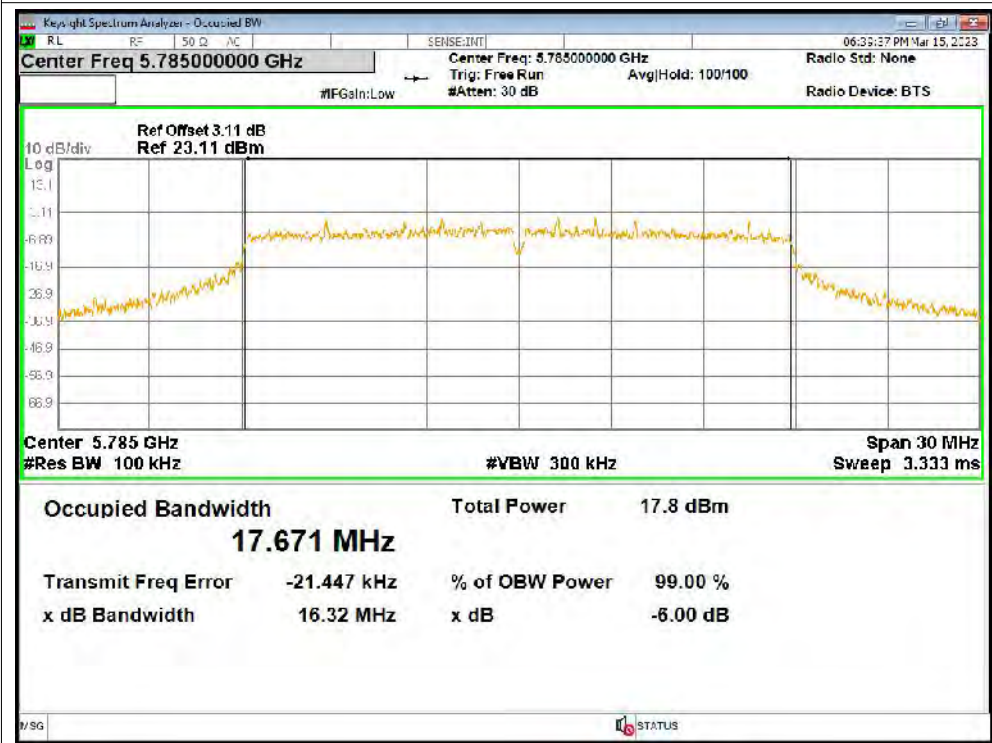
-6dB Bandwidth NVNT n20 5825MHz Ant1



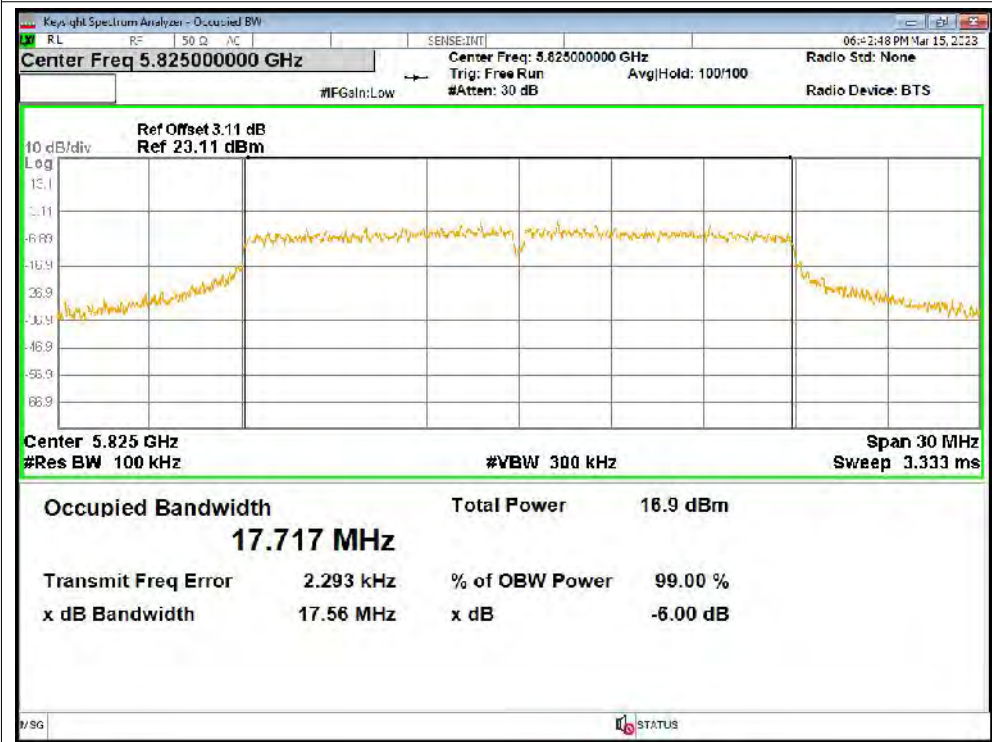
-6dB Bandwidth NVNT n20 5745MHz Ant2



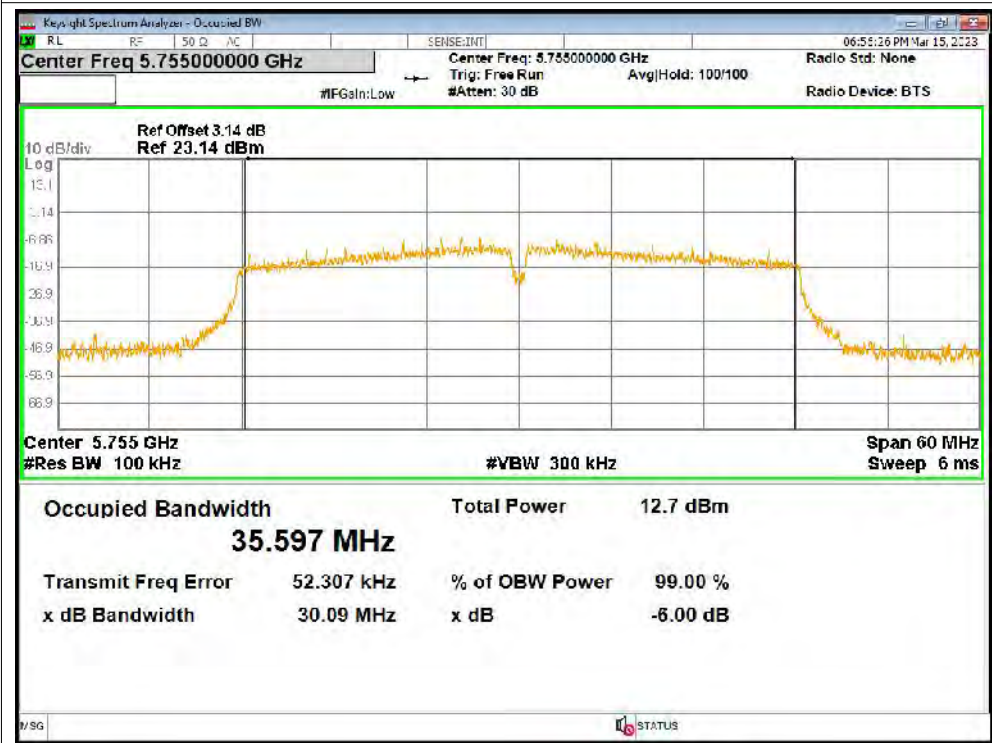
-6dB Bandwidth NVNT n20 5785MHz Ant2



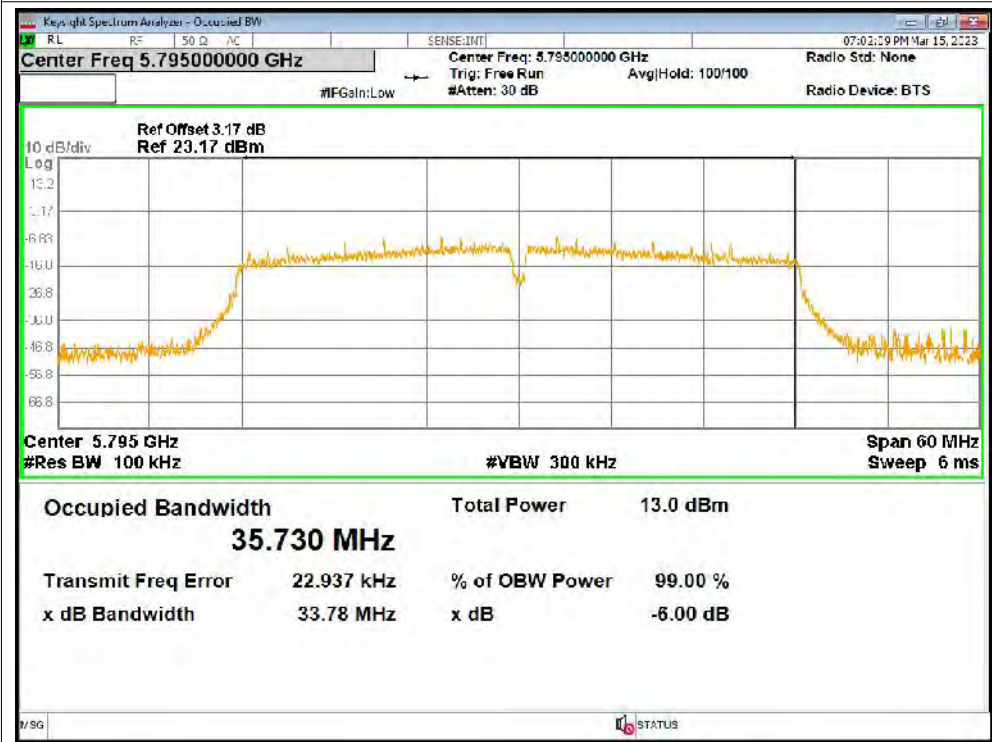
-6dB Bandwidth NVNT n20 5825MHz Ant2



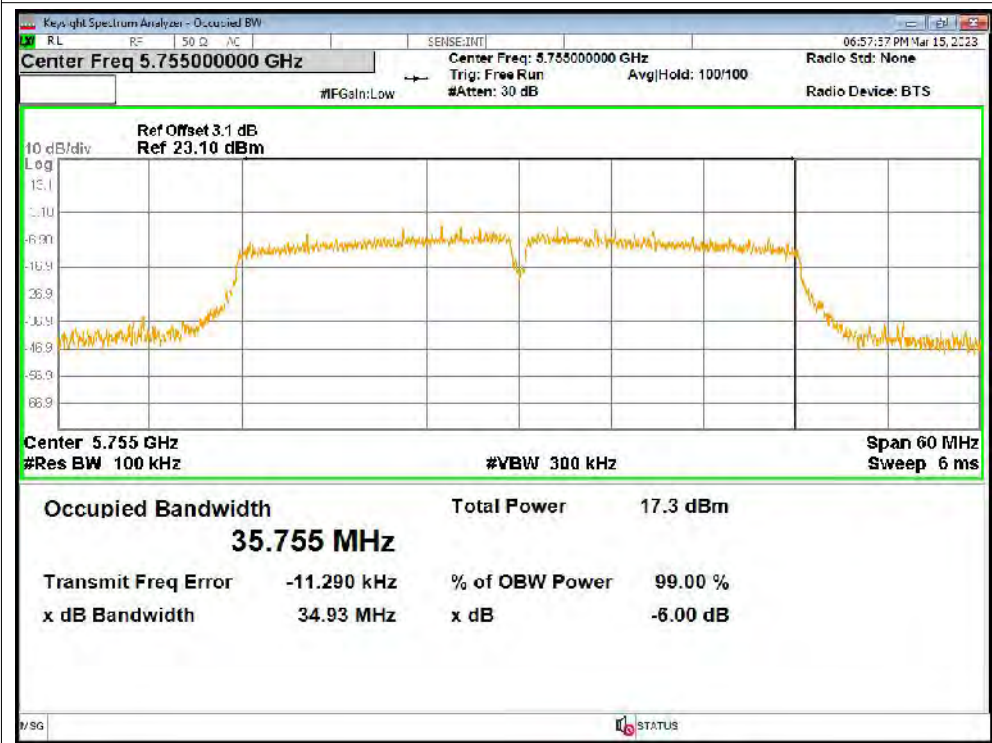
-6dB Bandwidth NVNT n40 5755MHz Ant1



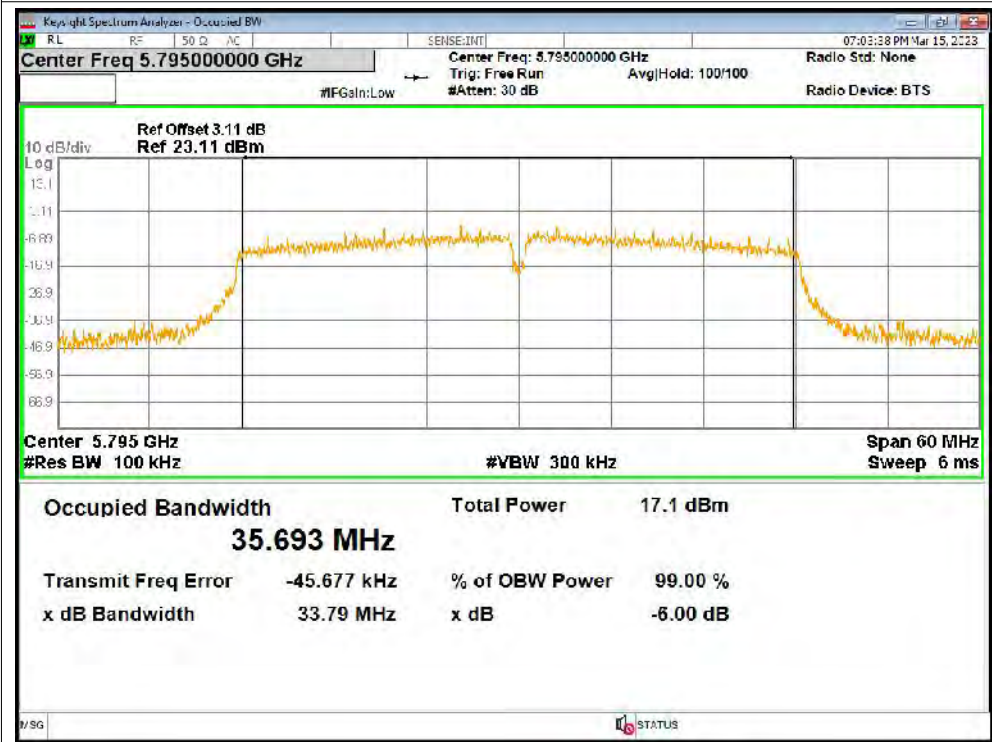
-6dB Bandwidth NVNT n40 5795MHz Ant1



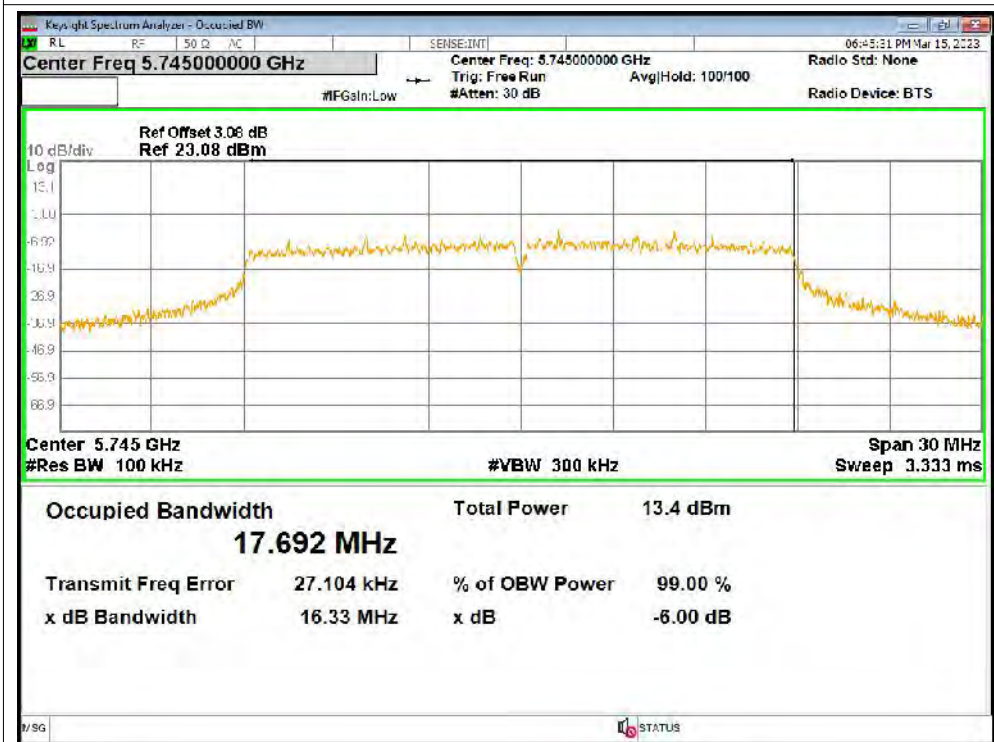
-6dB Bandwidth NVNT n40 5755MHz Ant2



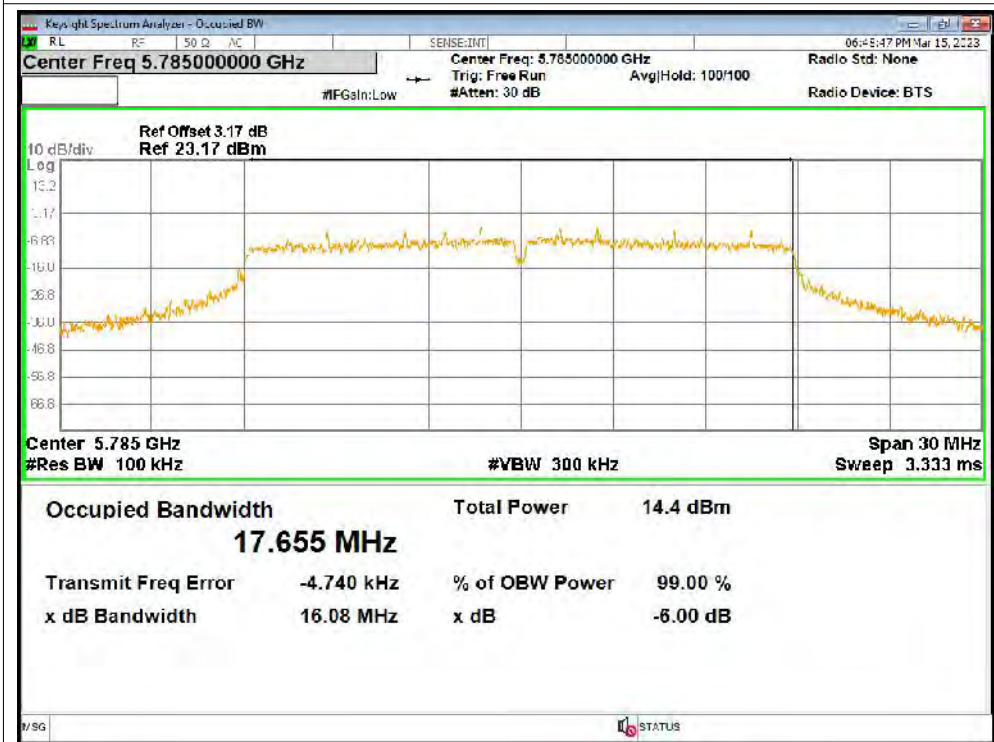
-6dB Bandwidth NVNT n40 5795MHz Ant2



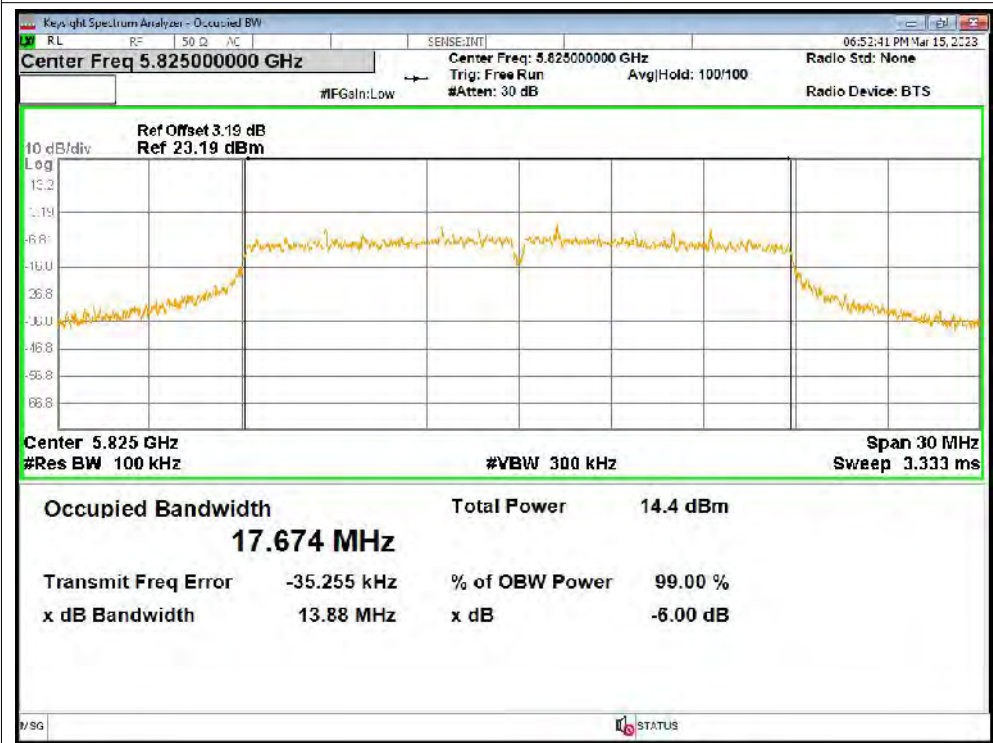
-6dB Bandwidth NVNT ac20 5745MHz Ant1



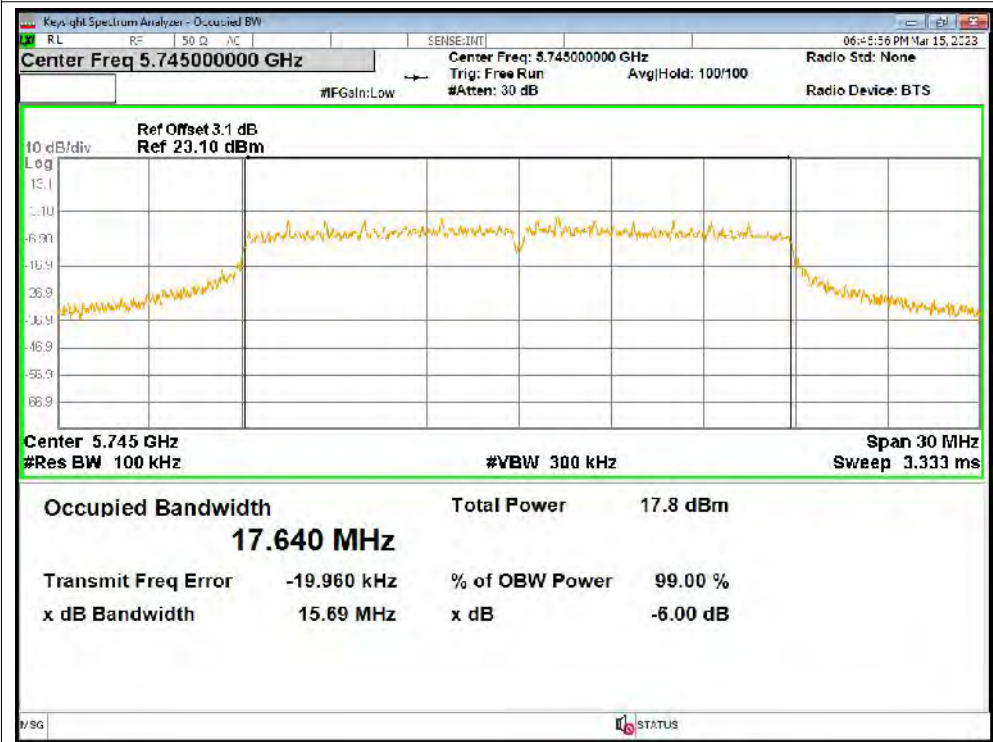
-6dB Bandwidth NVNT ac20 5785MHz Ant1



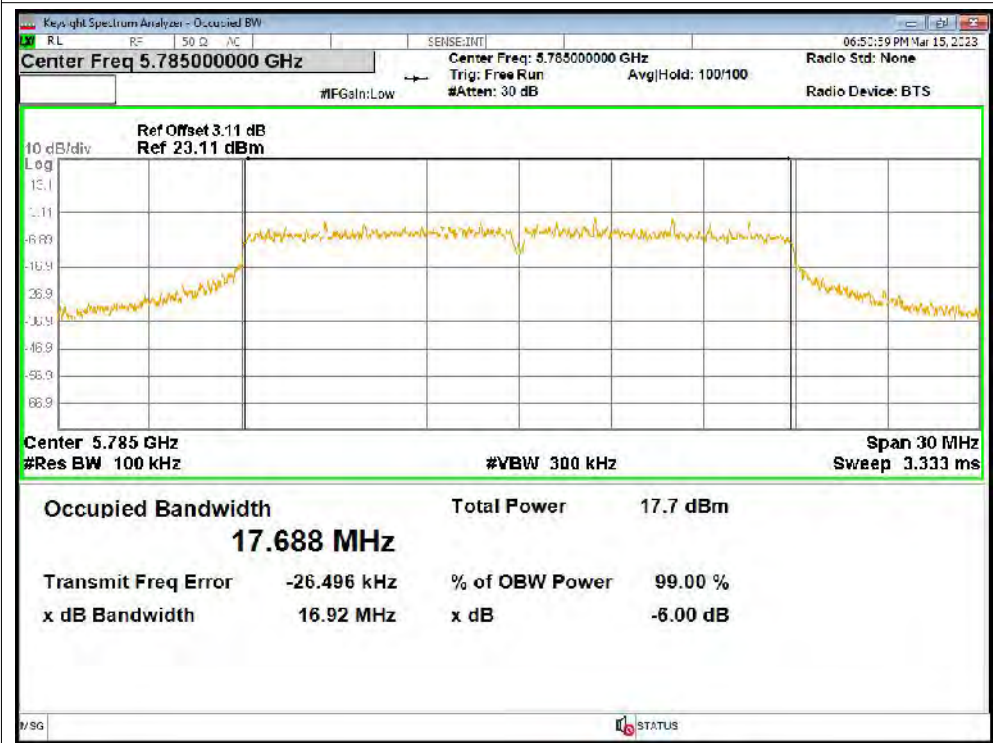
-6dB Bandwidth NVNT ac20 5825MHz Ant1



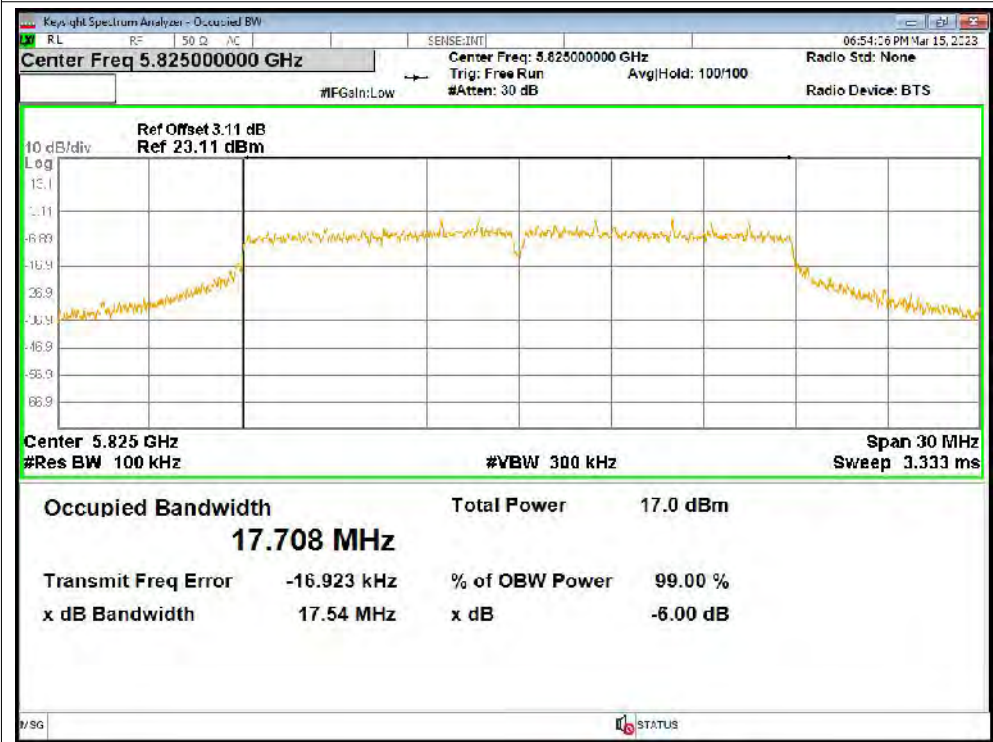
-6dB Bandwidth NVNT ac20 5745MHz Ant2



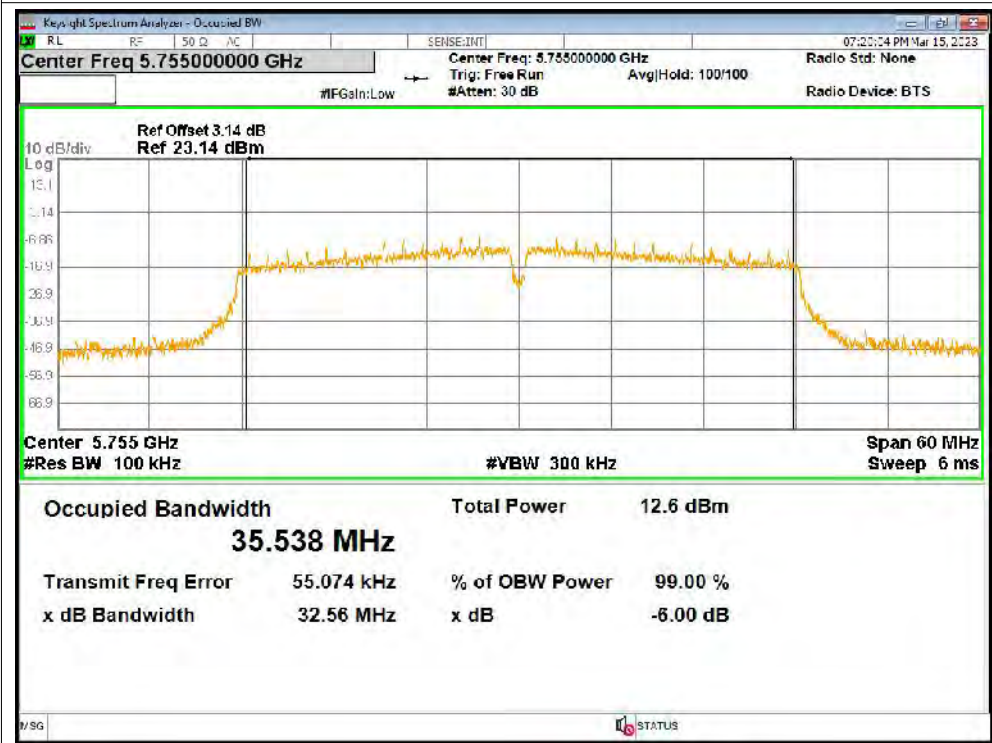
-6dB Bandwidth NVNT ac20 5785MHz Ant2



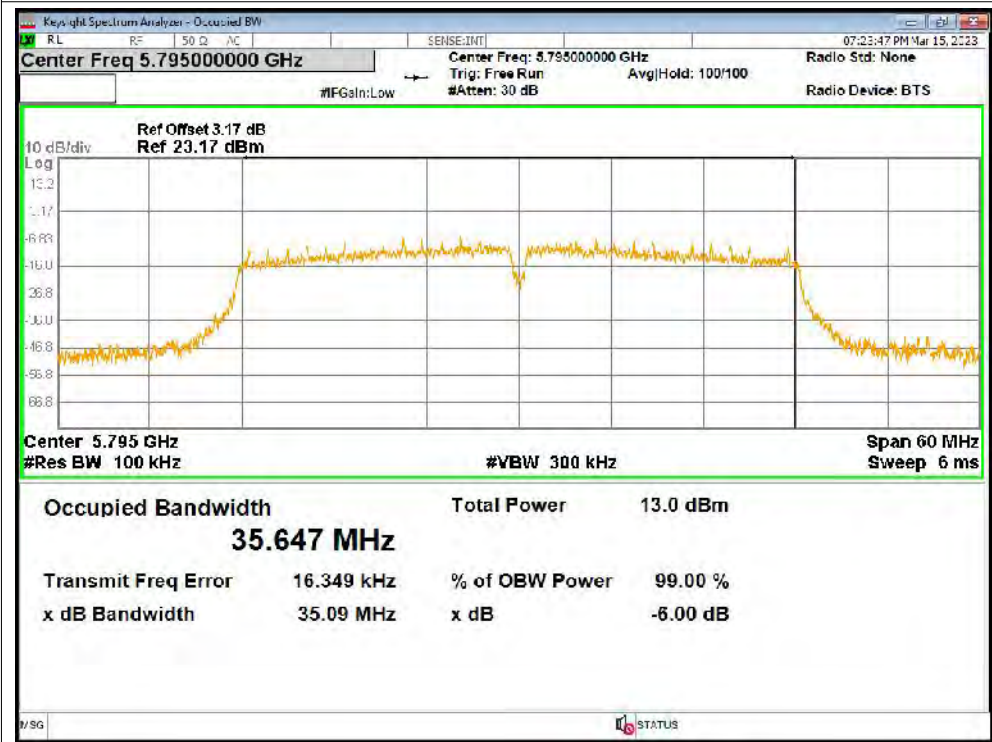
-6dB Bandwidth NVNT ac20 5825MHz Ant2



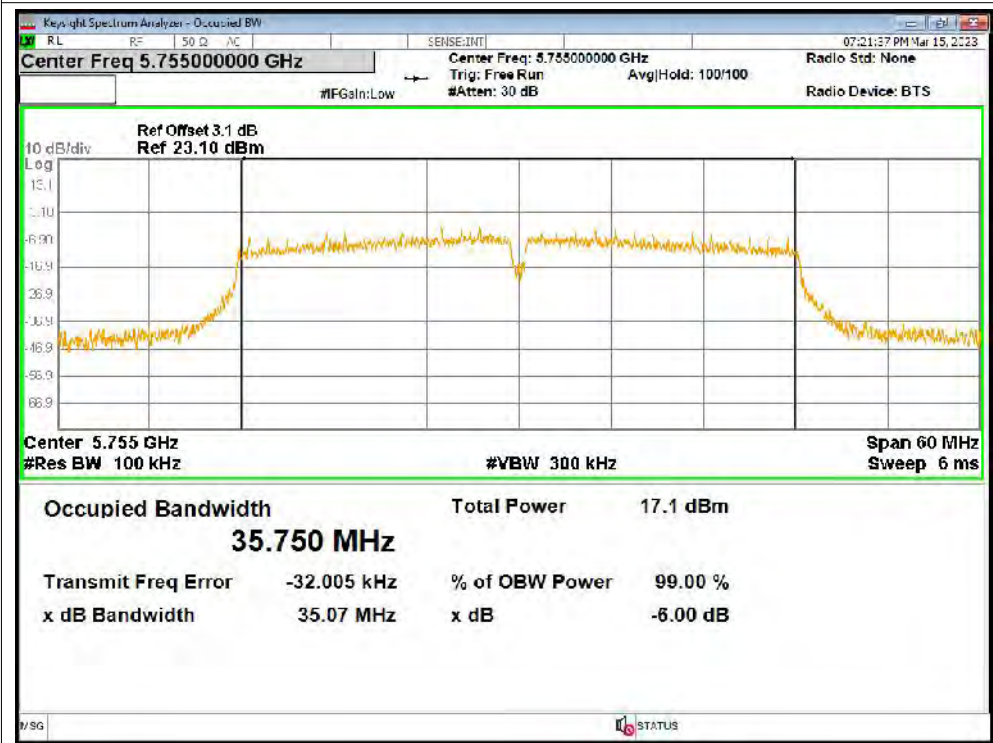
-6dB Bandwidth NVNT ac40 5755MHz Ant1



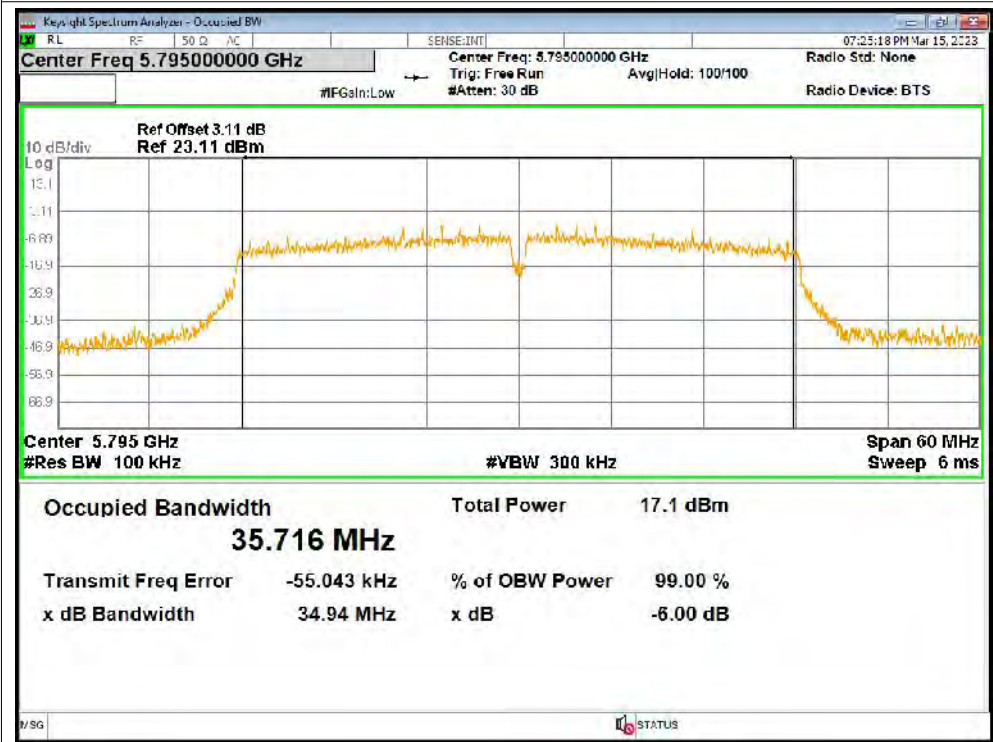
-6dB Bandwidth NVNT ac40 5795MHz Ant1



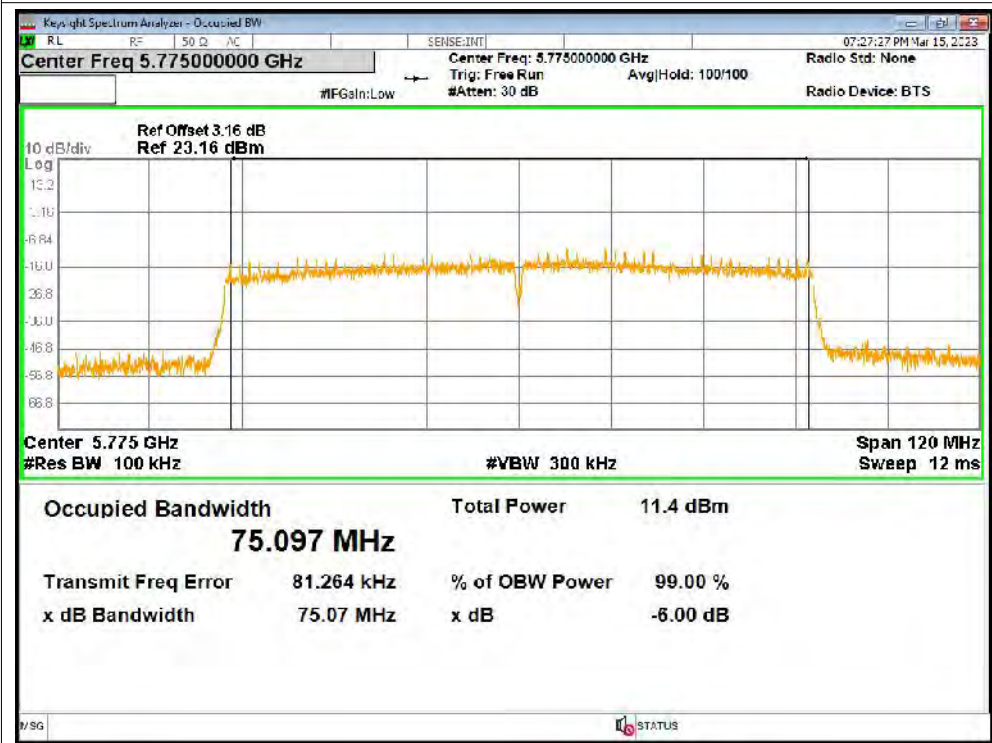
-6dB Bandwidth NVNT ac40 5755MHz Ant2



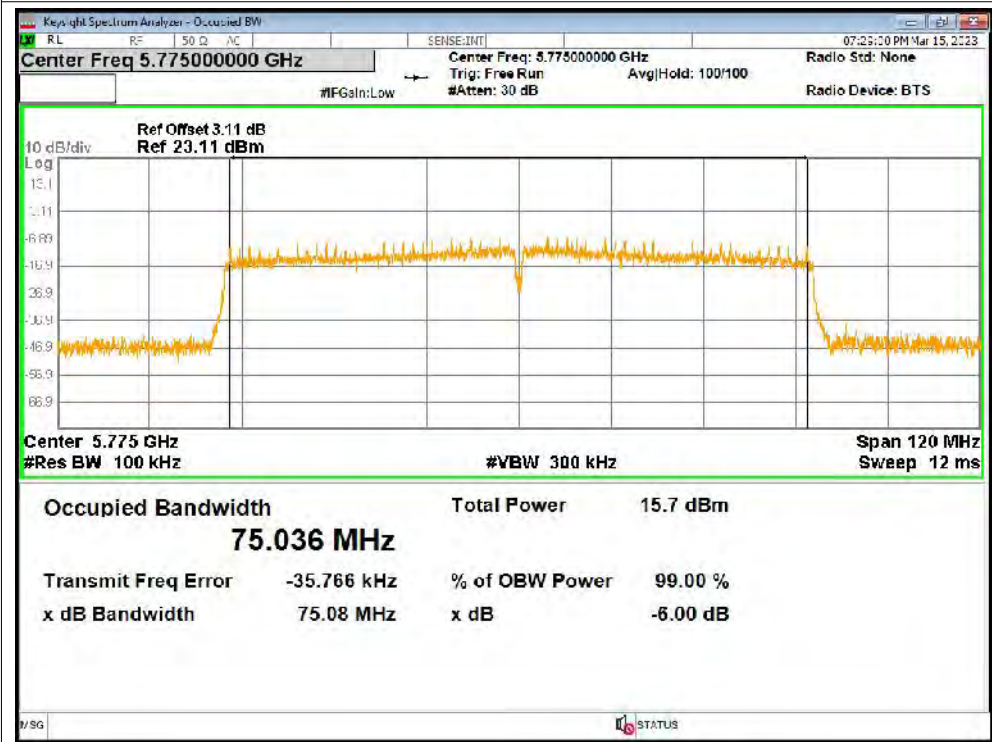
-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant2

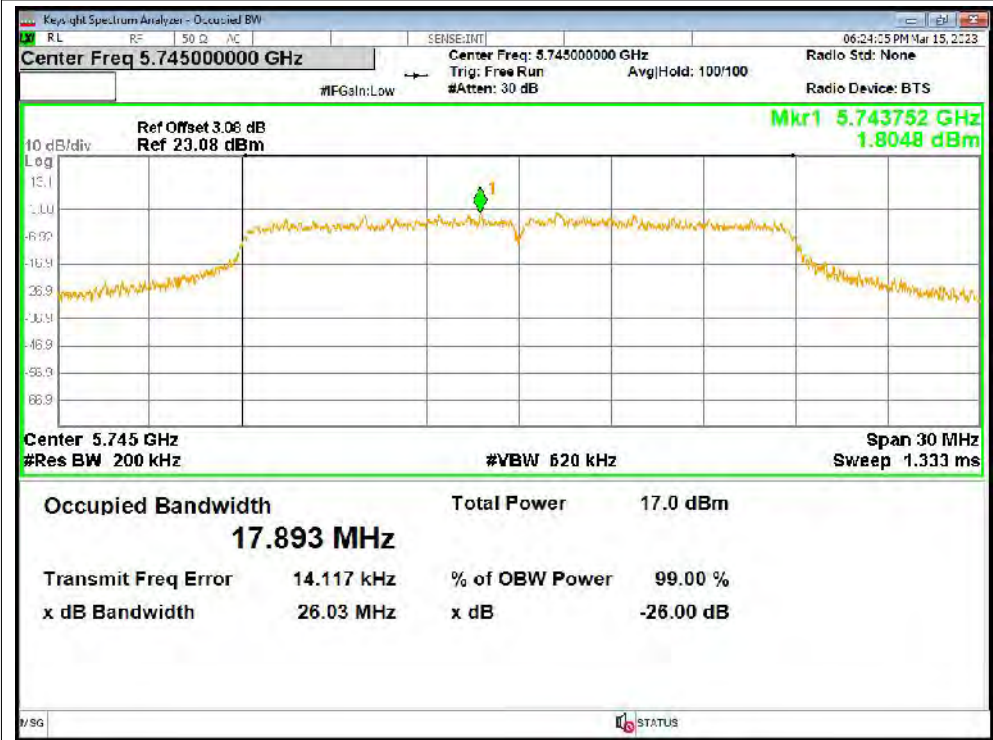


A.4 Occupied Channel Bandwidth

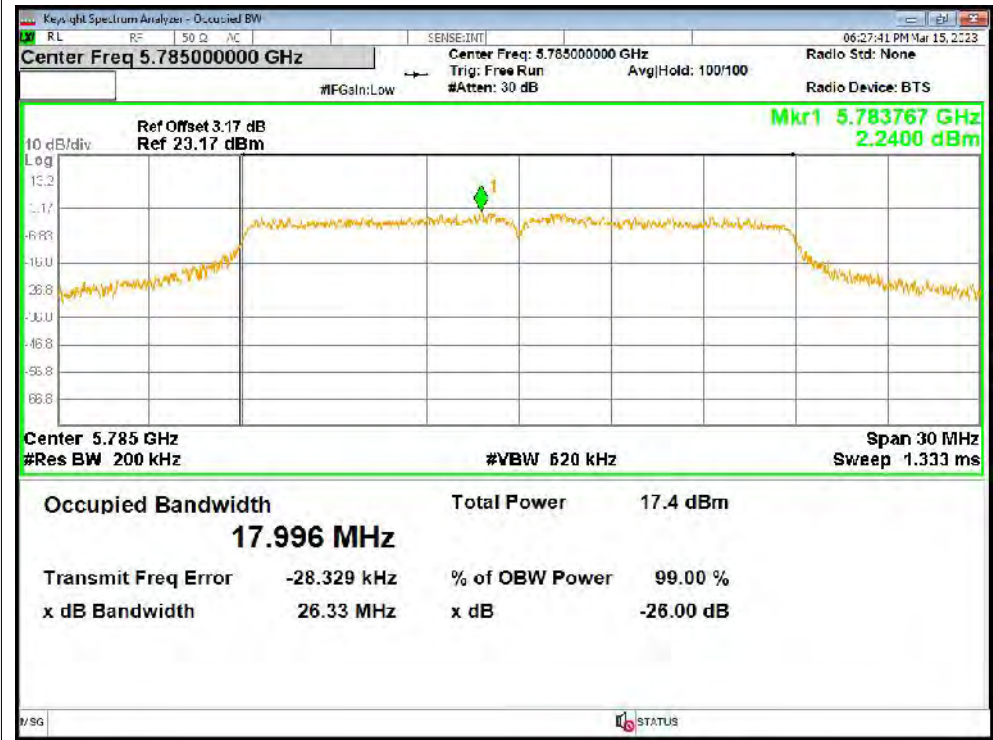
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	17.893
NVNT	a	5785	Ant1	17.996
NVNT	a	5825	Ant1	17.873
NVNT	a	5745	Ant2	17.79
NVNT	a	5785	Ant2	17.782
NVNT	a	5825	Ant2	17.877
NVNT	n20	5745	Ant1	17.863
NVNT	n20	5785	Ant1	17.913
NVNT	n20	5825	Ant1	17.847
NVNT	n20	5745	Ant2	17.805
NVNT	n20	5785	Ant2	17.823
NVNT	n20	5825	Ant2	17.844
NVNT	n40	5755	Ant1	35.71
NVNT	n40	5795	Ant1	35.801
NVNT	n40	5755	Ant2	35.938
NVNT	n40	5795	Ant2	35.85
NVNT	ac20	5745	Ant1	17.855
NVNT	ac20	5785	Ant1	17.757
NVNT	ac20	5825	Ant1	17.785
NVNT	ac20	5745	Ant2	17.774
NVNT	ac20	5785	Ant2	17.8
NVNT	ac20	5825	Ant2	17.788
NVNT	ac40	5755	Ant1	35.698
NVNT	ac40	5795	Ant1	35.747
NVNT	ac40	5755	Ant2	35.902
NVNT	ac40	5795	Ant2	35.78
NVNT	ac80	5775	Ant1	75.041
NVNT	ac80	5775	Ant2	75.115

Test Graphs

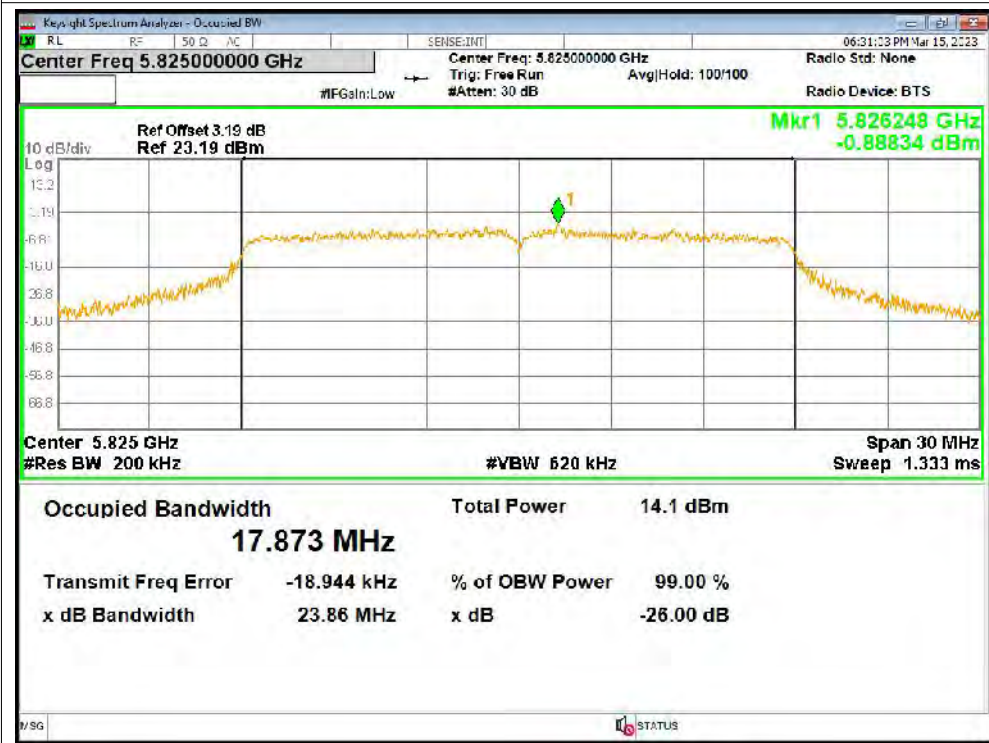
OBW NVNT a 5745MHz Ant1



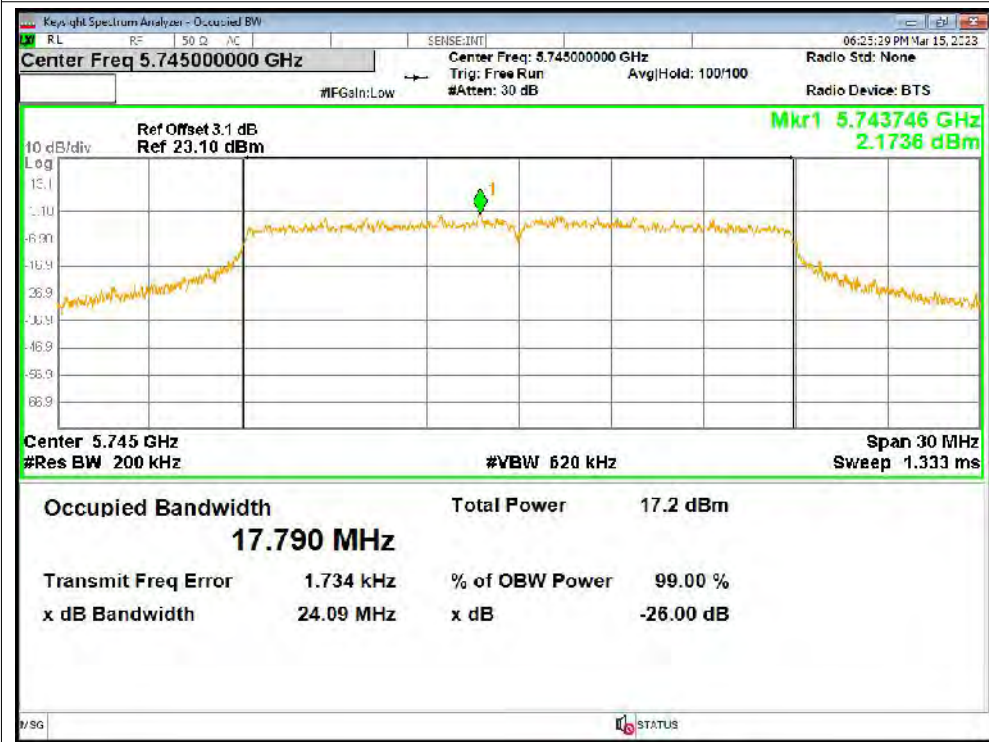
OBW NVNT a 5785MHz Ant1



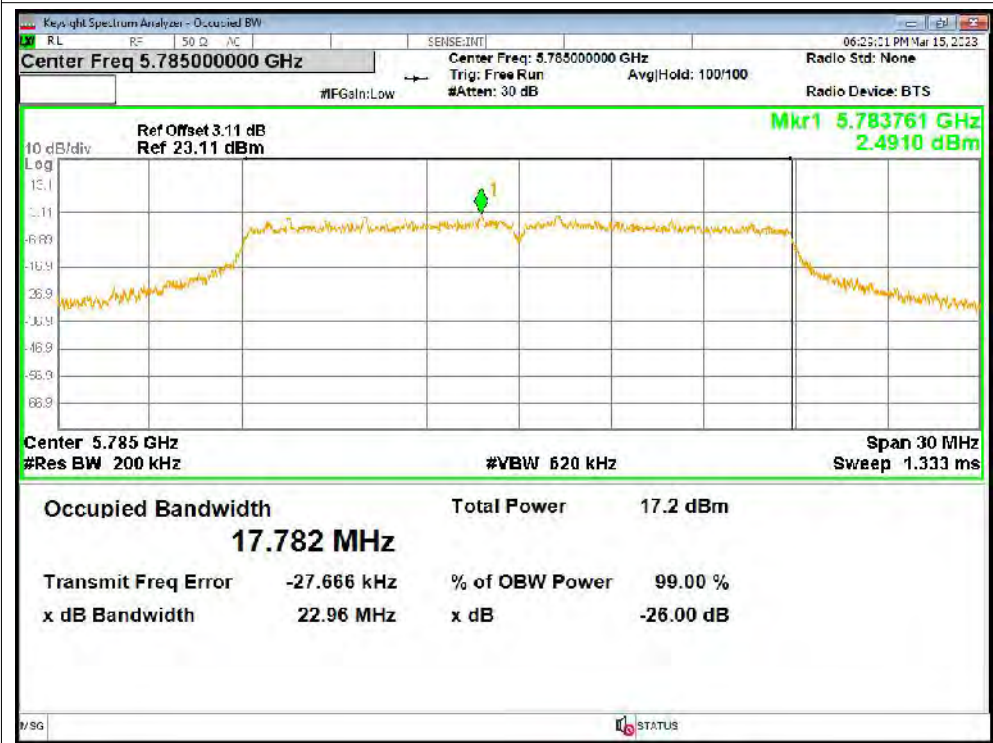
OBW NVNT a 5825MHz Ant1



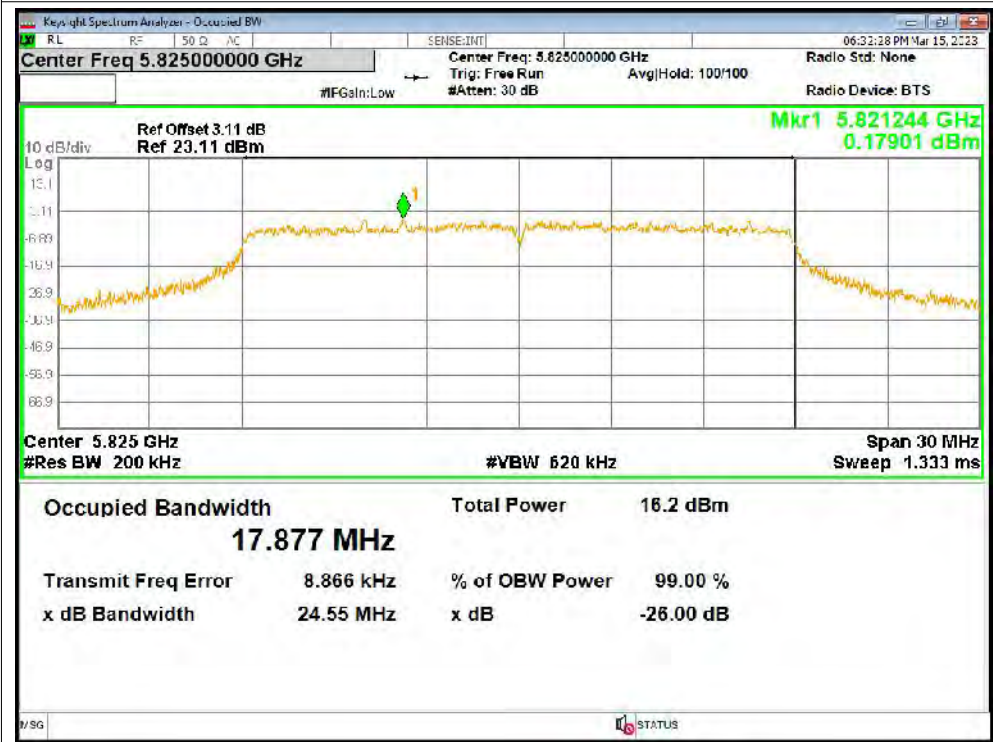
OBW NVNT a 5745MHz Ant2



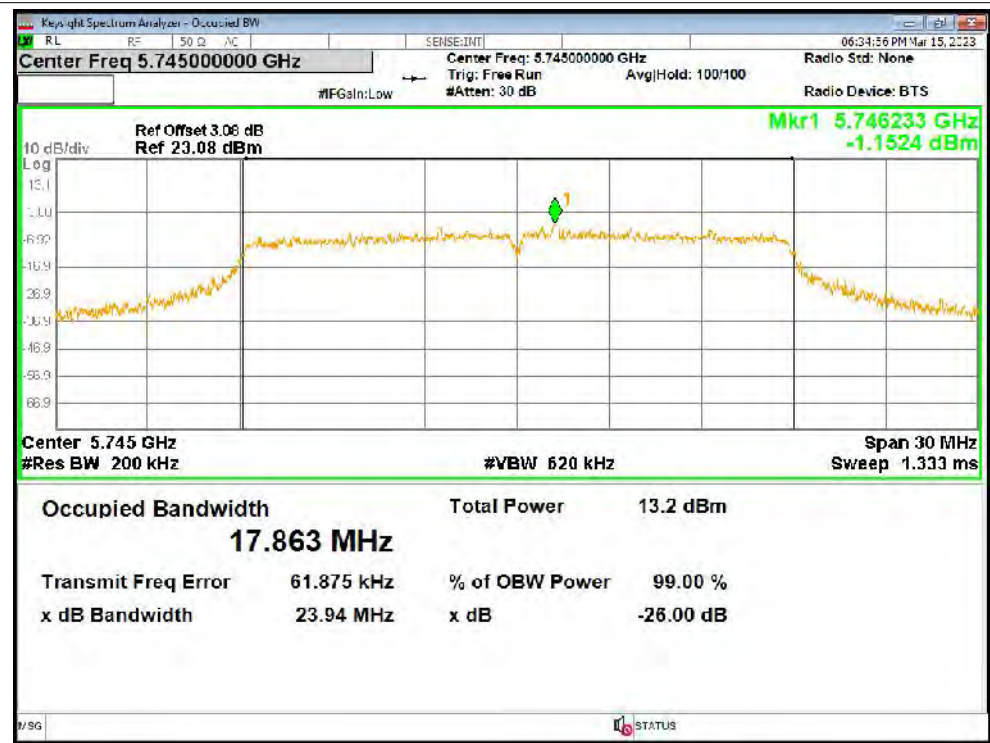
OBW NVNT a 5785MHz Ant2



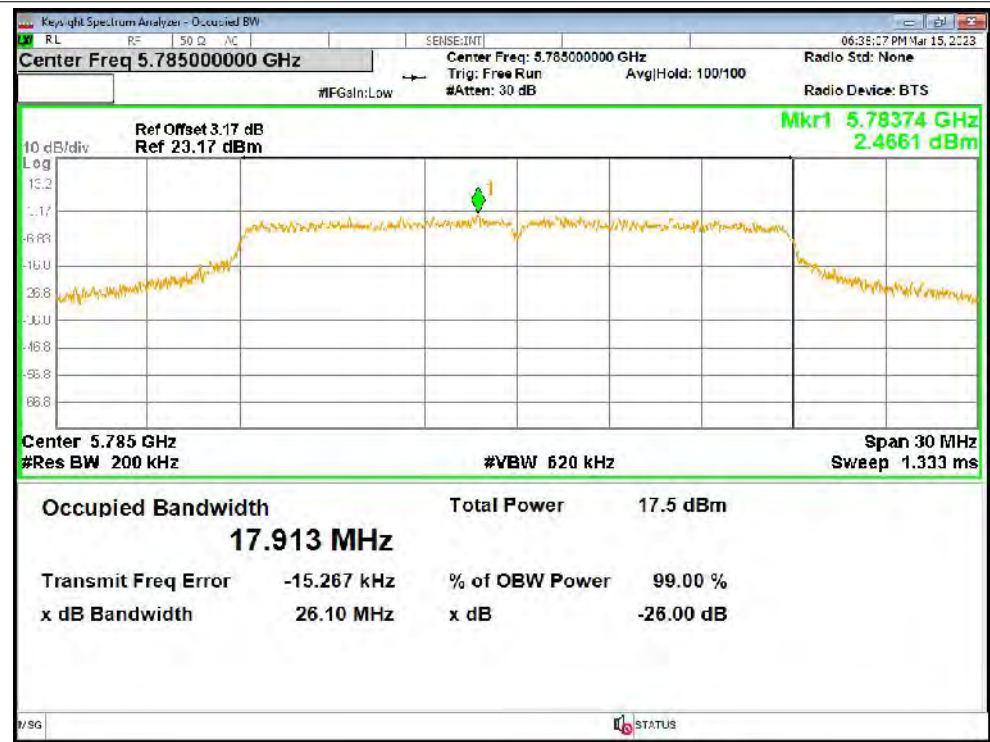
OBW NVNT a 5825MHz Ant2



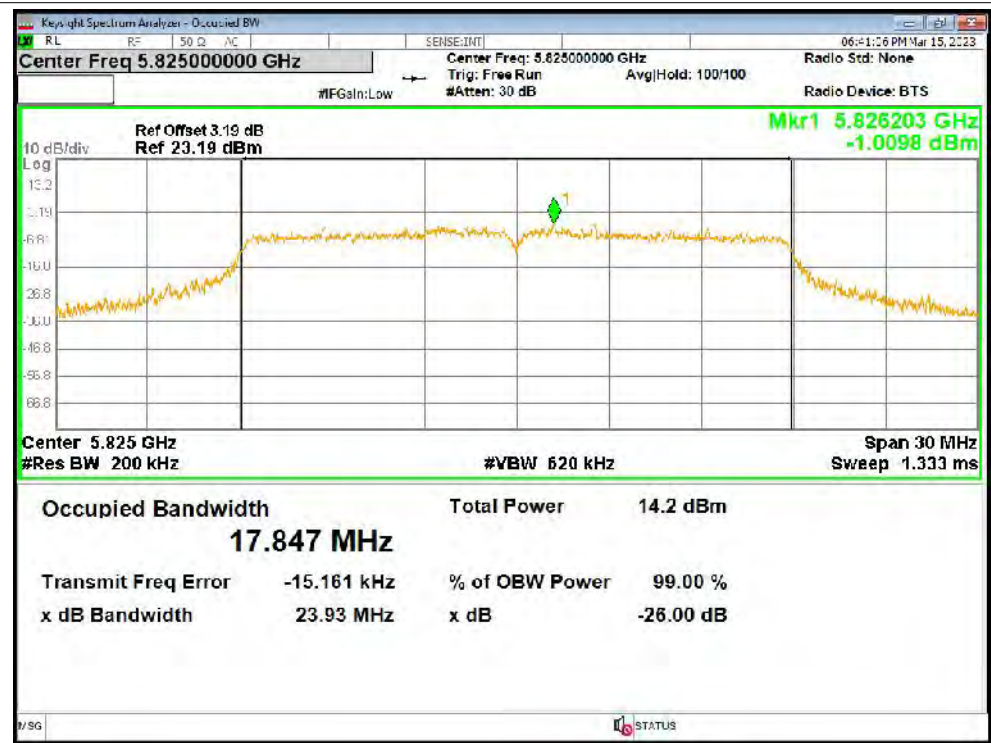
OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



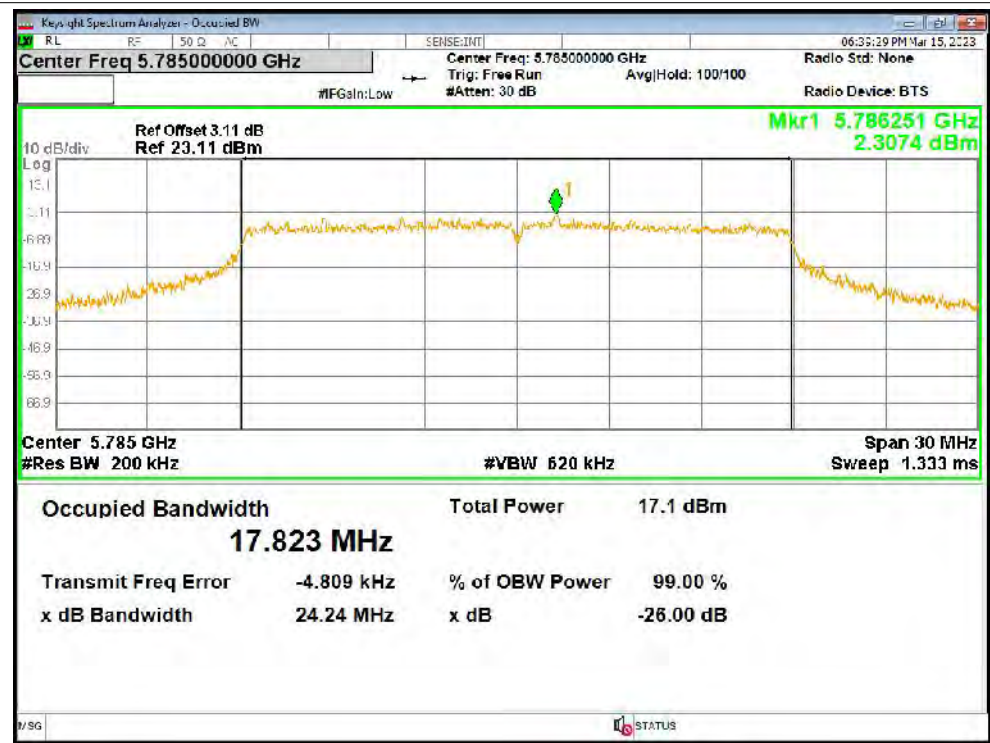
OBW NVNT n20 5825MHz Ant1



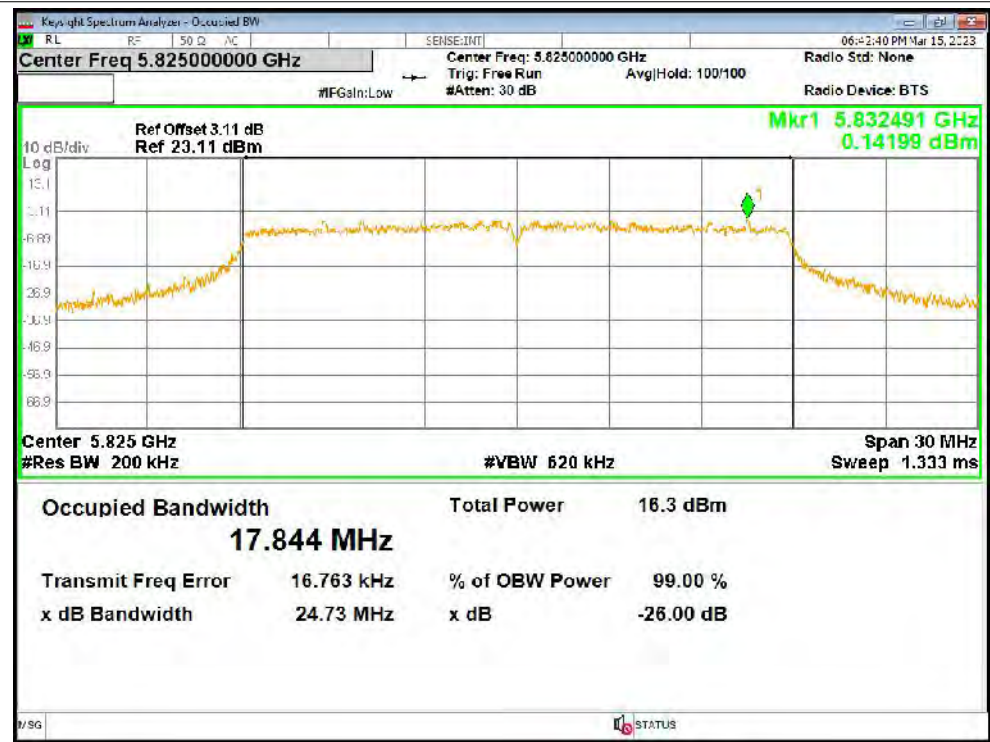
OBW NVNT n20 5745MHz Ant2



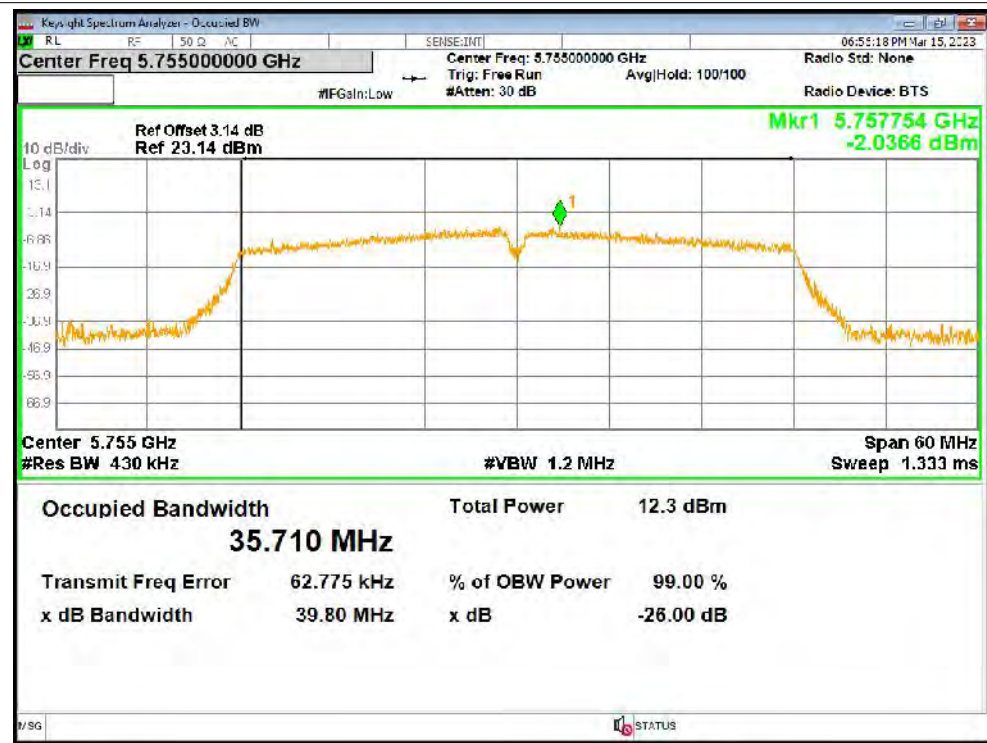
OBW NVNT n20 5785MHz Ant2



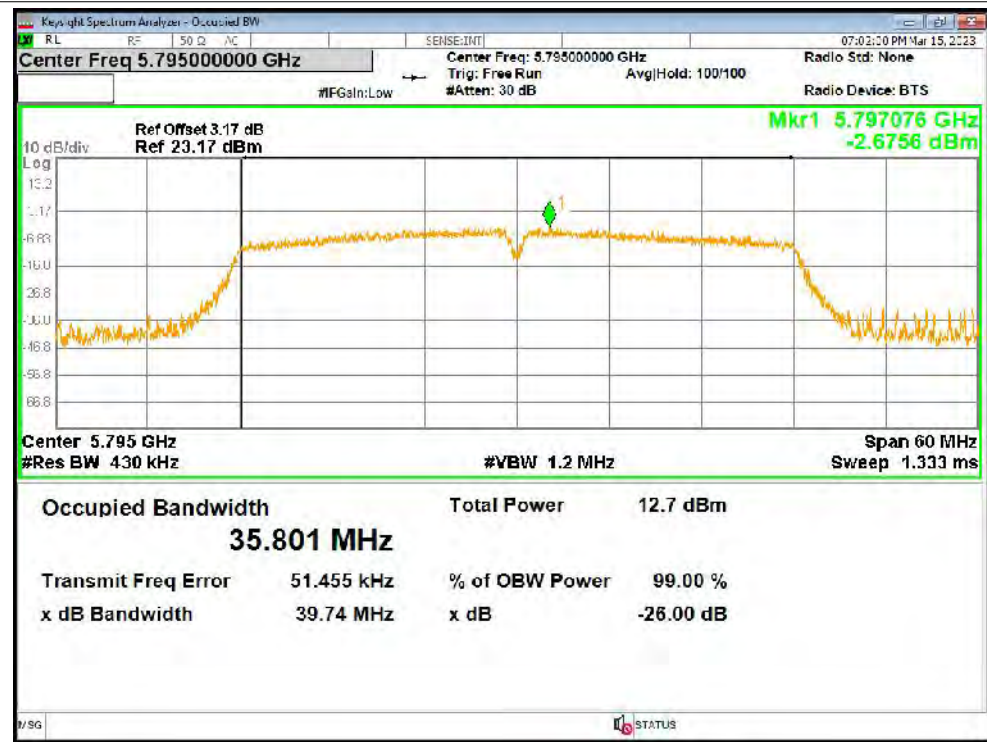
OBW NVNT n20 5825MHz Ant2



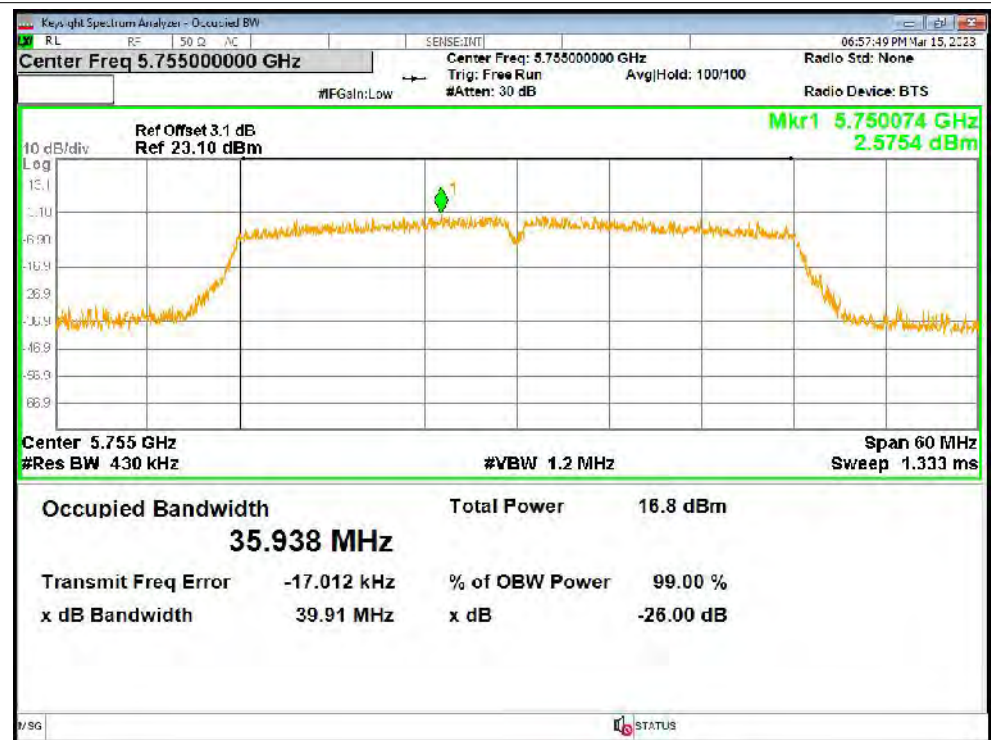
OBW NVNT n40 5755MHz Ant1



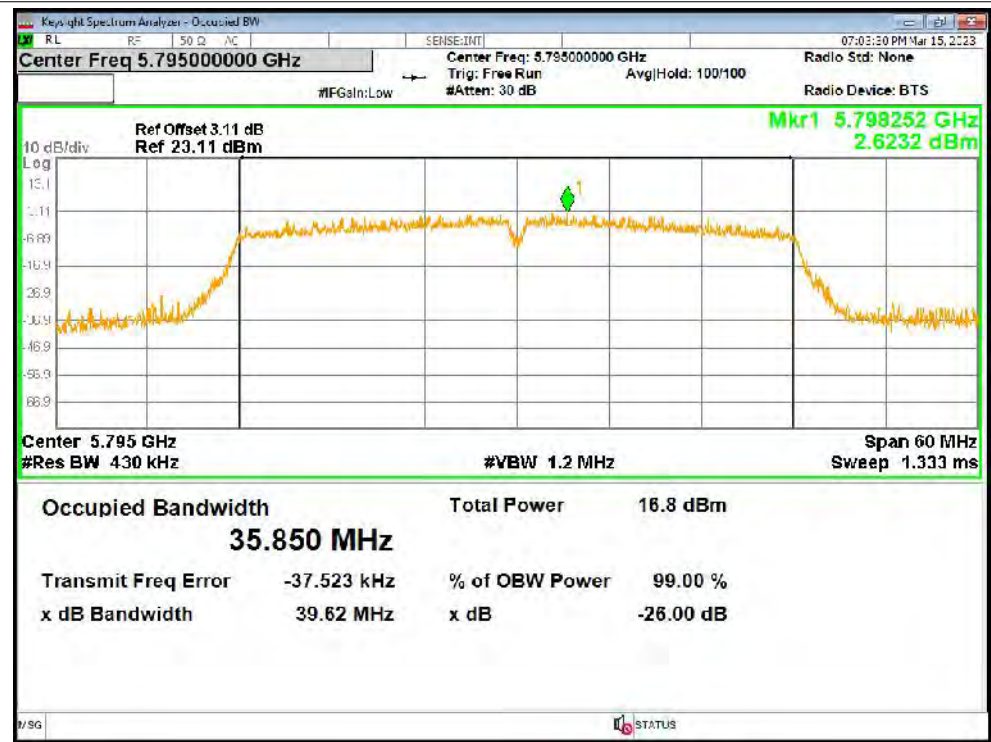
OBW NVNT n40 5795MHz Ant1



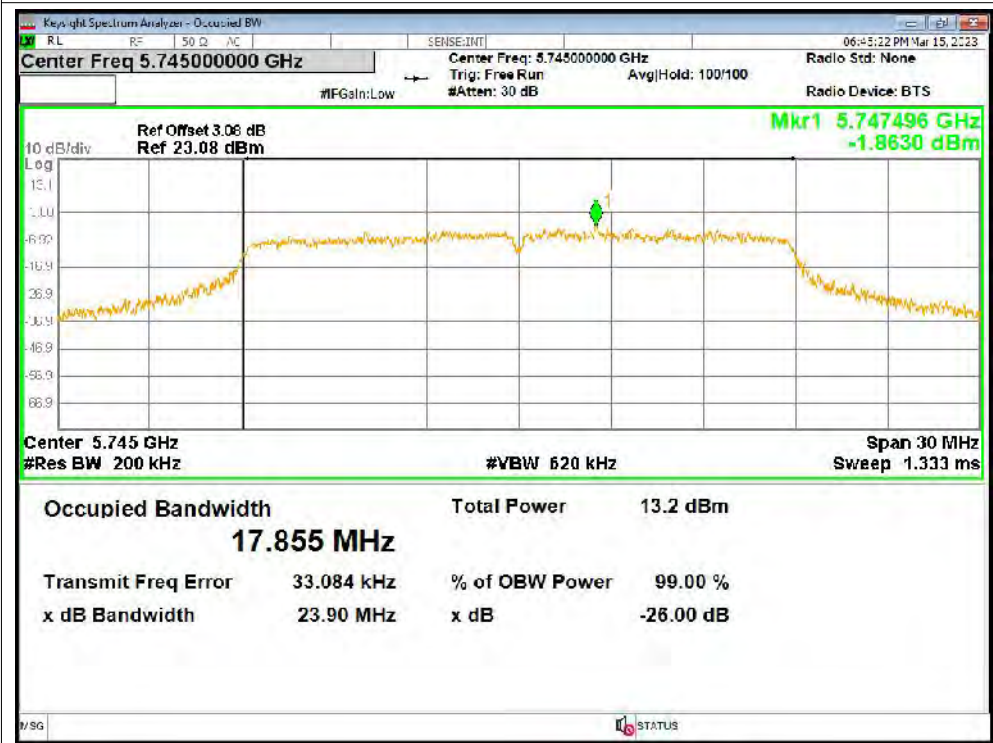
OBW NVNT n40 5755MHz Ant2



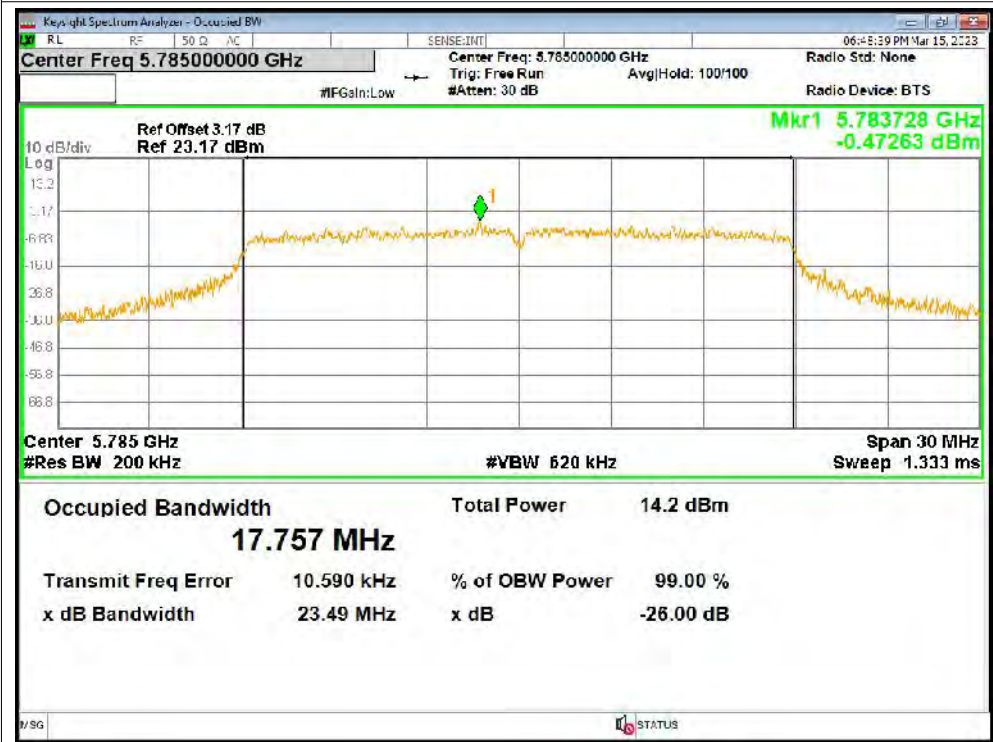
OBW NVNT n40 5795MHz Ant2



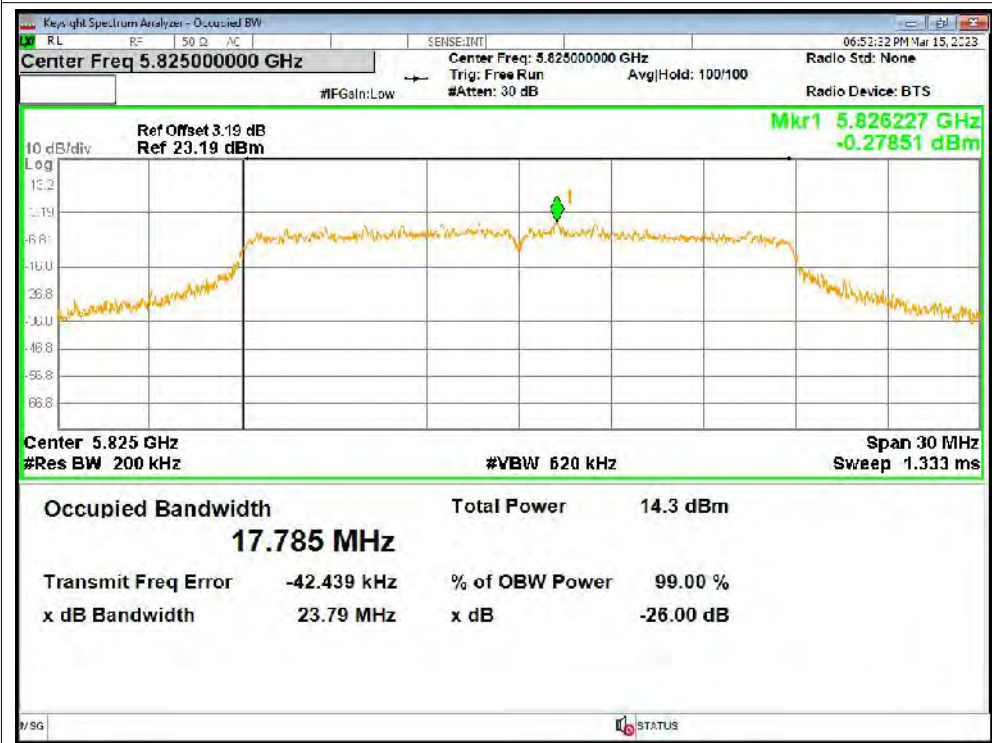
OBW NVNT ac20 5745MHz Ant1



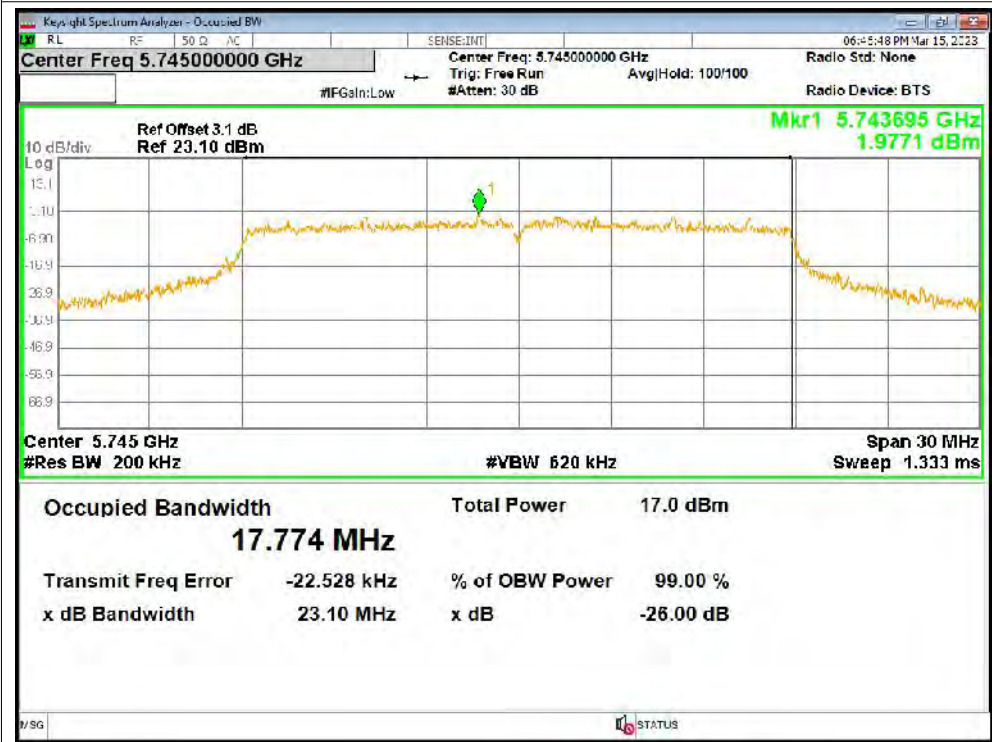
OBW NVNT ac20 5785MHz Ant1



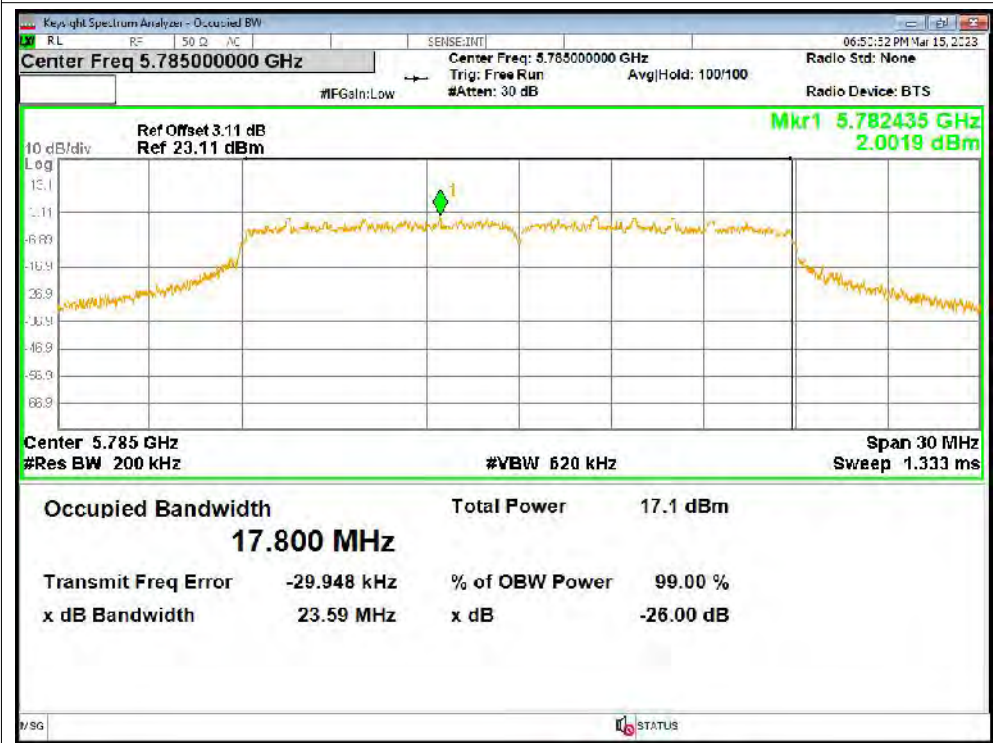
OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac20 5745MHz Ant2



OBW NVNT ac20 5785MHz Ant2



OBW NVNT ac20 5825MHz Ant2

