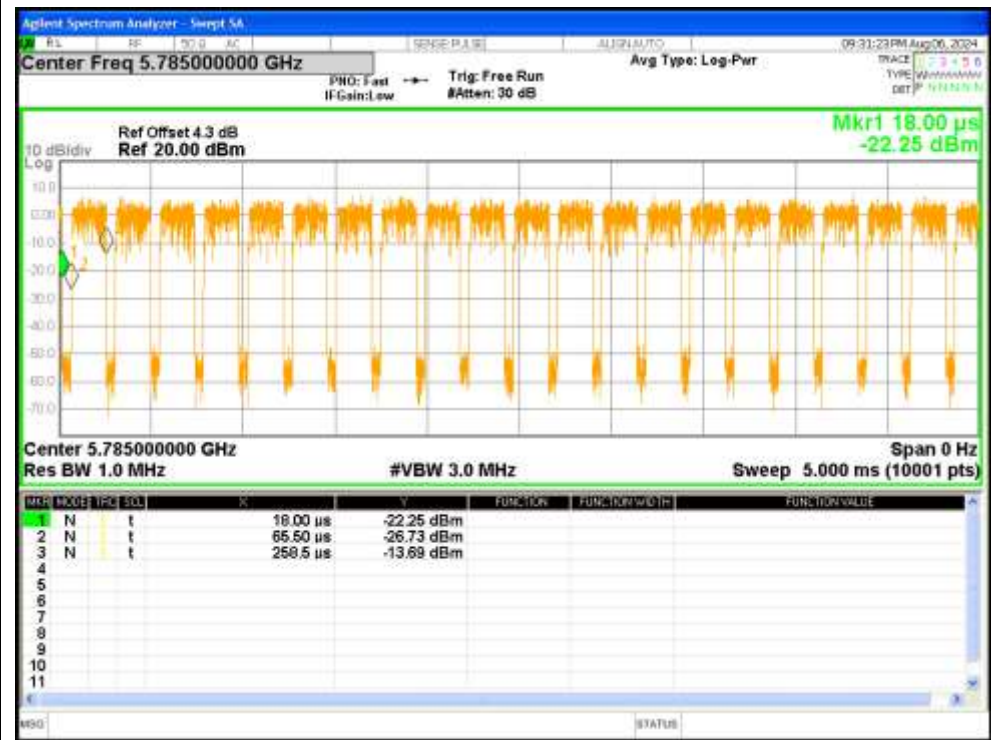


1. Duty Cycle

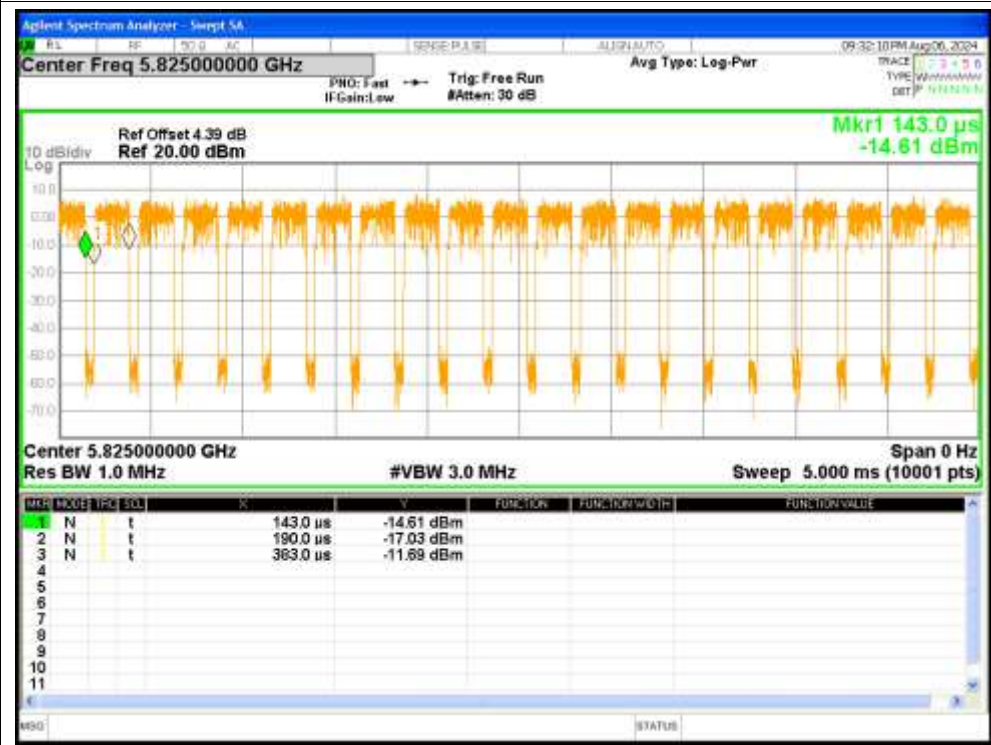
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	80.54	0.94	5.19
NVNT	a	5785	Ant1	80.25	0.96	5.18
NVNT	a	5825	Ant1	80.25	0.96	5.18
NVNT	a	5745	Ant2	80.42	0.95	5.18
NVNT	a	5785	Ant2	80.25	0.96	5.18
NVNT	a	5825	Ant2	80.42	0.95	5.18
NVNT	ac20	5745	Sum	87.36	0.59	3.11
NVNT	ac20	5785	Sum	87.23	0.59	3.12
NVNT	ac20	5825	Sum	87.23	0.59	3.12
NVNT	ac40	5755	Sum	86.37	0.64	3.32
NVNT	ac40	5795	Sum	86.49	0.63	3.32
NVNT	ac80	5775	Sum	86.16	0.65	3.45
NVNT	n20	5745	Sum	88.25	0.54	2.83
NVNT	n20	5785	Sum	88.14	0.55	2.83
NVNT	n20	5825	Sum	88.25	0.54	2.83
NVNT	n40	5755	Sum	88.02	0.55	2.93
NVNT	n40	5795	Sum	87.89	0.56	2.93

Duty Cycle NVNT a 5825MHz Ant1

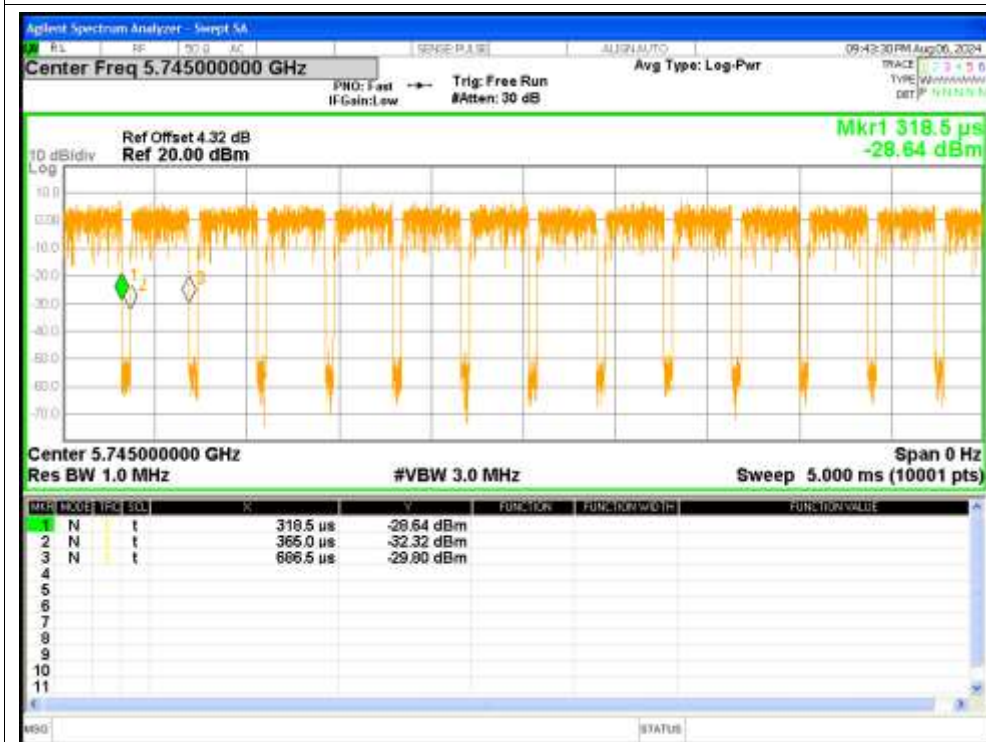
Duty Cycle NVNT a 5785MHz Ant2



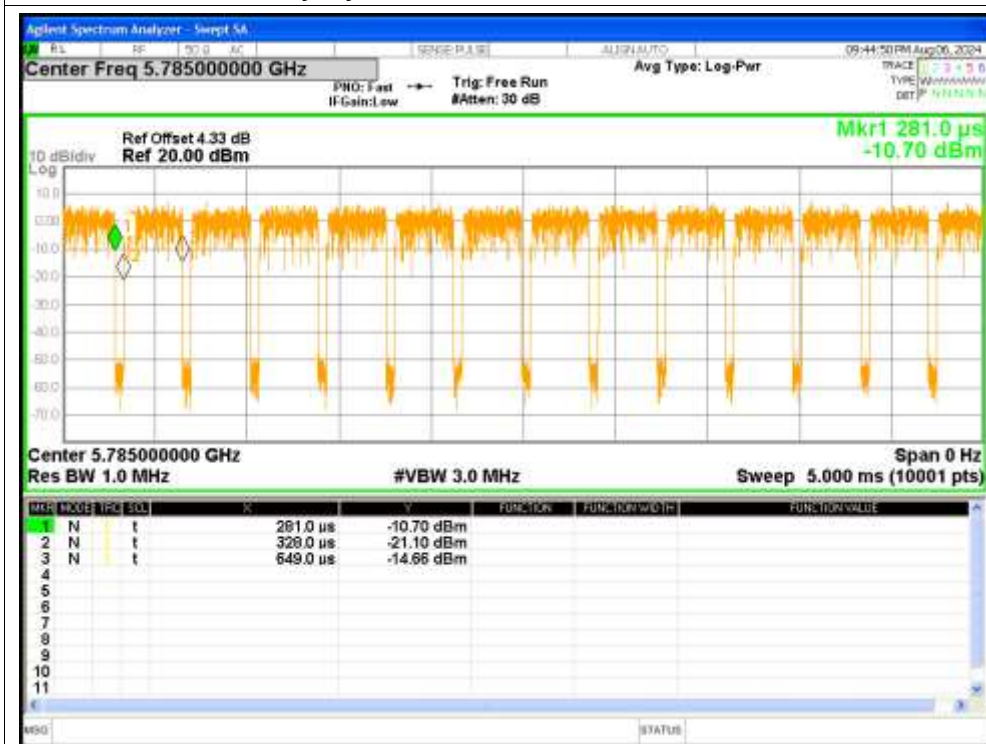
Duty Cycle NVNT a 5825MHz Ant2



Duty Cycle NVNT ac20 5745MHz Sum



Duty Cycle NVNT ac20 5785MHz Sum



Duty Cycle NVNT n20 5825MHz Sum

Duty Cycle NVNT n40 5795MHz Sum

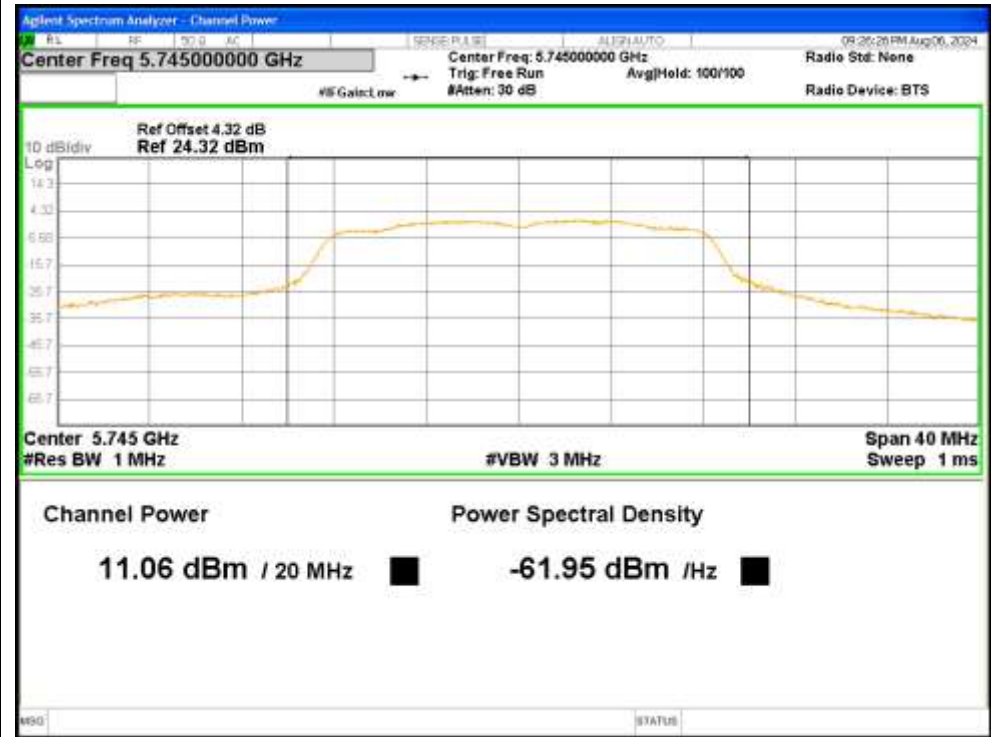


2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.06	0.94	12	<=30	Pass
NVNT	a	5785	Ant1	11.36	0.96	12.32	<=30	Pass
NVNT	a	5825	Ant1	12.21	0.96	13.17	<=30	Pass
NVNT	a	5745	Ant2	10.27	0.95	11.22	<=30	Pass
NVNT	a	5785	Ant2	10.79	0.96	11.75	<=30	Pass
NVNT	a	5825	Ant2	11.42	0.95	12.37	<=30	Pass
NVNT	ac20	5745	Ant1	11.11	0.59	11.7	<=30	Pass
NVNT	ac20	5745	Ant2	9.95	0.59	10.54	<=30	Pass
NVNT	ac20	5745	Sum	13.58	0.59	14.17	<=29.54	Pass
NVNT	ac20	5785	Ant1	11.41	0.59	12	<=30	Pass
NVNT	ac20	5785	Ant2	10.49	0.59	11.08	<=30	Pass
NVNT	ac20	5785	Sum	13.98	0.59	14.57	<=29.54	Pass
NVNT	ac20	5825	Ant1	12.39	0.59	12.98	<=30	Pass
NVNT	ac20	5825	Ant2	10.98	0.59	11.57	<=30	Pass
NVNT	ac20	5825	Sum	14.75	0.59	15.34	<=29.54	Pass
NVNT	ac40	5755	Ant1	11.91	0.64	12.55	<=30	Pass
NVNT	ac40	5755	Ant2	10.92	0.64	11.56	<=30	Pass
NVNT	ac40	5755	Sum	14.45	0.64	15.09	<=29.54	Pass
NVNT	ac40	5795	Ant1	12.28	0.63	12.91	<=30	Pass
NVNT	ac40	5795	Ant2	11.25	0.63	11.88	<=30	Pass
NVNT	ac40	5795	Sum	14.81	0.63	15.44	<=29.54	Pass
NVNT	ac80	5775	Ant1	11.63	0.65	12.28	<=30	Pass
NVNT	ac80	5775	Ant2	10.95	0.65	11.6	<=30	Pass
NVNT	ac80	5775	Sum	14.31	0.65	14.96	<=29.54	Pass
NVNT	n20	5745	Ant1	11.05	0.54	11.59	<=30	Pass
NVNT	n20	5745	Ant2	9.94	0.54	10.48	<=30	Pass
NVNT	n20	5745	Sum	13.54	0.54	14.08	<=29.54	Pass
NVNT	n20	5785	Ant1	11.48	0.55	12.03	<=30	Pass
NVNT	n20	5785	Ant2	10.59	0.55	11.14	<=30	Pass
NVNT	n20	5785	Sum	14.07	0.55	14.62	<=29.54	Pass
NVNT	n20	5825	Ant1	12.39	0.54	12.93	<=30	Pass
NVNT	n20	5825	Ant2	11.01	0.54	11.55	<=30	Pass
NVNT	n20	5825	Sum	14.76	0.54	15.3	<=29.54	Pass
NVNT	n40	5755	Ant1	12.04	0.55	12.59	<=30	Pass
NVNT	n40	5755	Ant2	10.95	0.55	11.5	<=30	Pass
NVNT	n40	5755	Sum	14.54	0.55	15.09	<=29.54	Pass
NVNT	n40	5795	Ant1	12.28	0.56	12.84	<=30	Pass
NVNT	n40	5795	Ant2	11.32	0.56	11.88	<=30	Pass
NVNT	n40	5795	Sum	14.84	0.56	15.4	<=29.54	Pass

Test Graphs

Power NVNT a 5745MHz Ant1



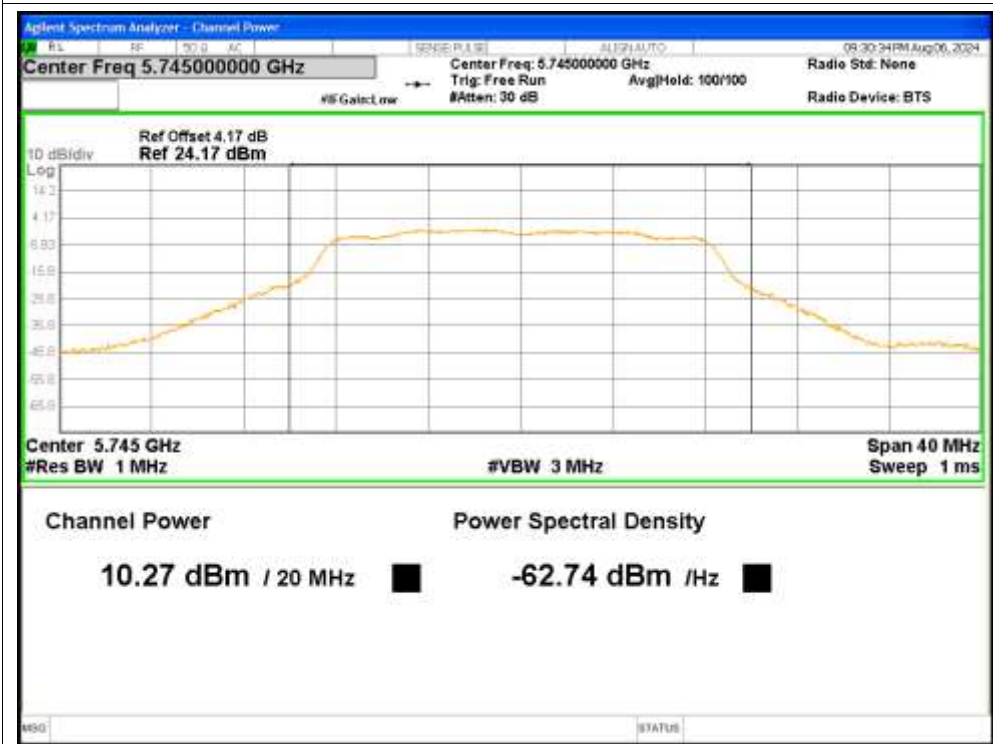
Power NVNT a 5785MHz Ant1



Power NVNT a 5825MHz Ant1



Power NVNT a 5745MHz Ant2



Power NVNT a 5785MHz Ant2



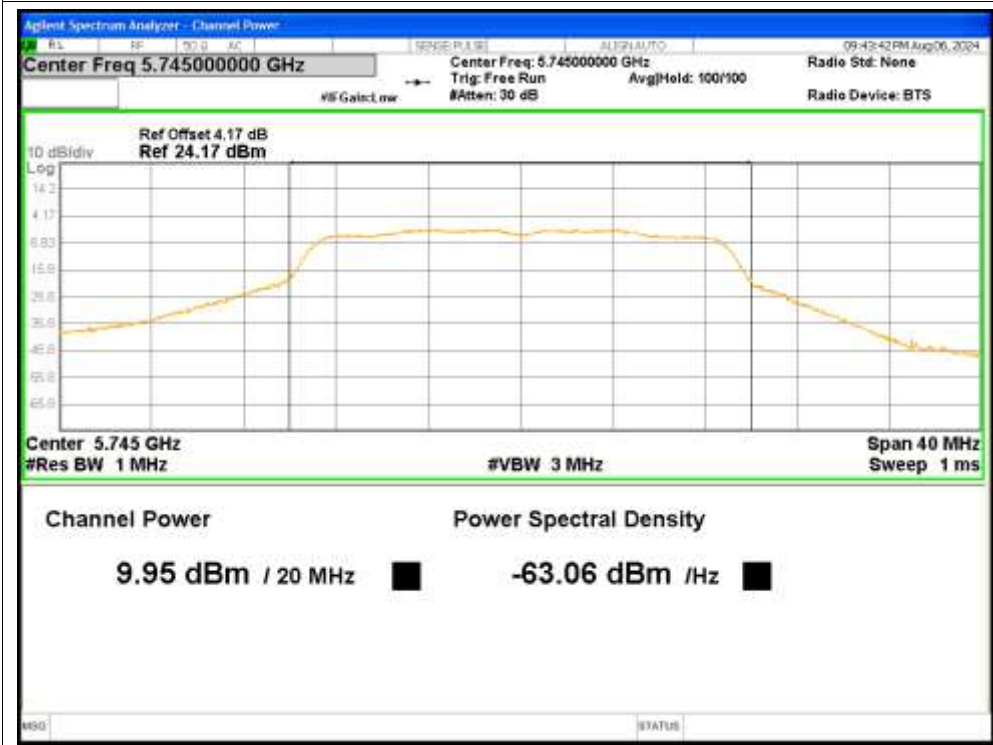
Power NVNT a 5825MHz Ant2



Power NVNT ac20 5745MHz Ant1



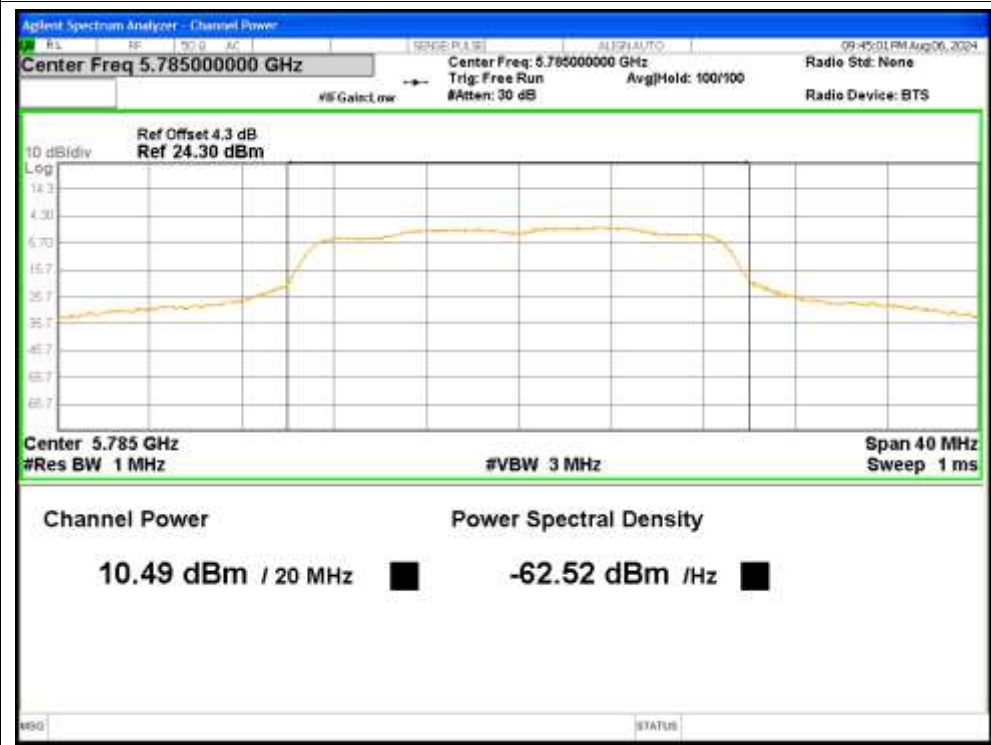
Power NVNT ac20 5745MHz Ant2



Power NVNT ac20 5785MHz Ant1



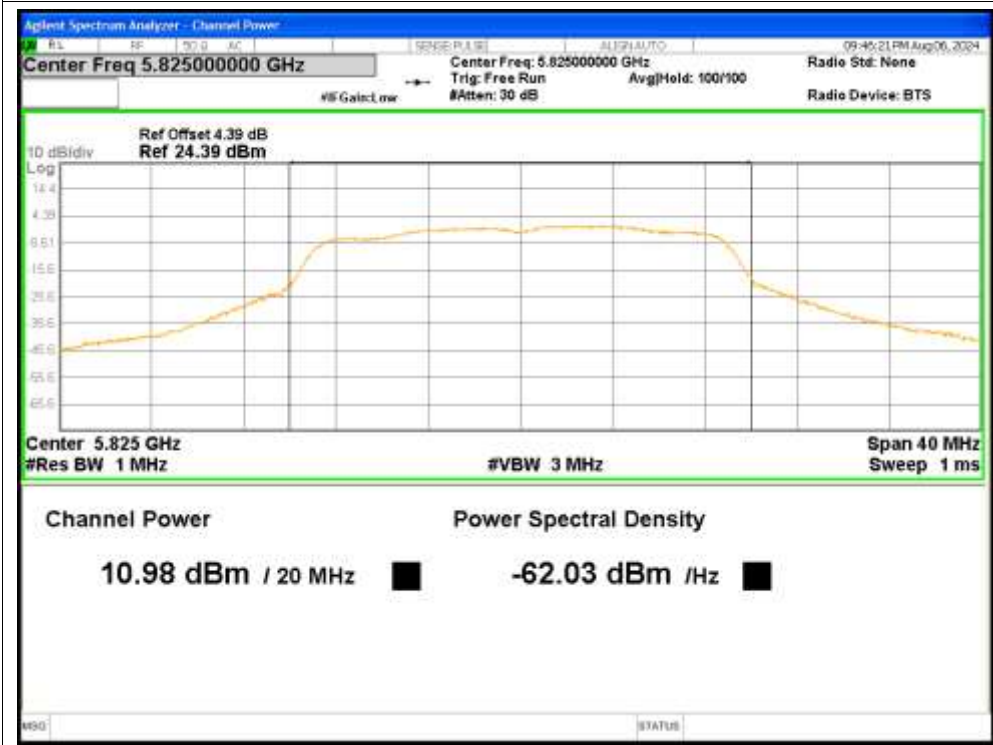
Power NVNT ac20 5785MHz Ant2



Power NVNT ac20 5825MHz Ant1



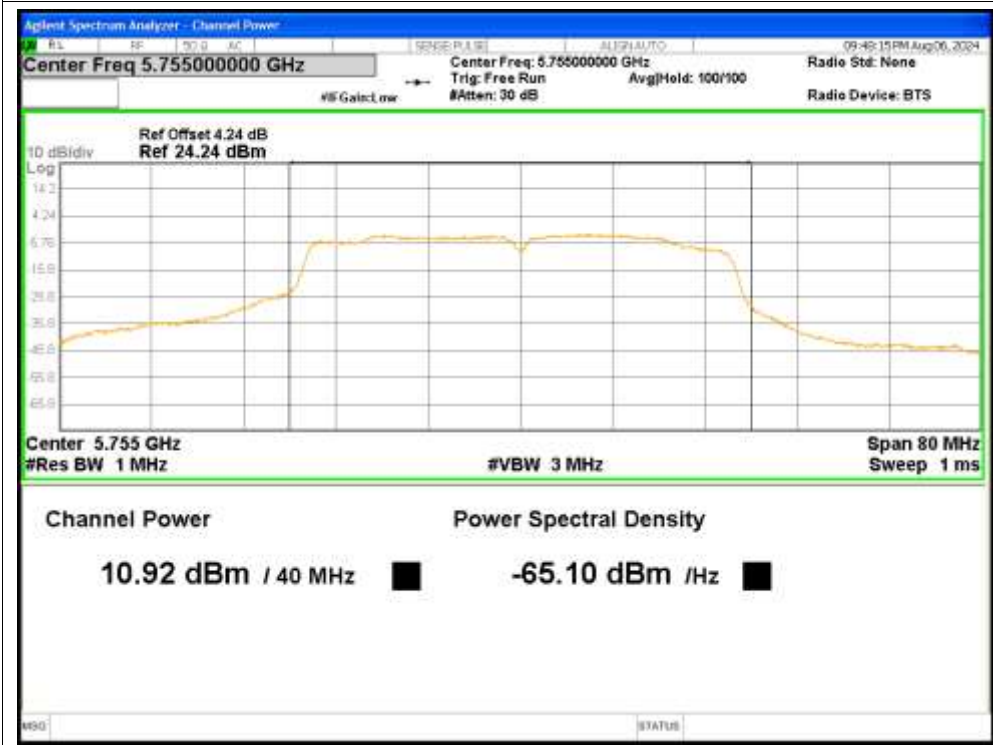
Power NVNT ac20 5825MHz Ant2



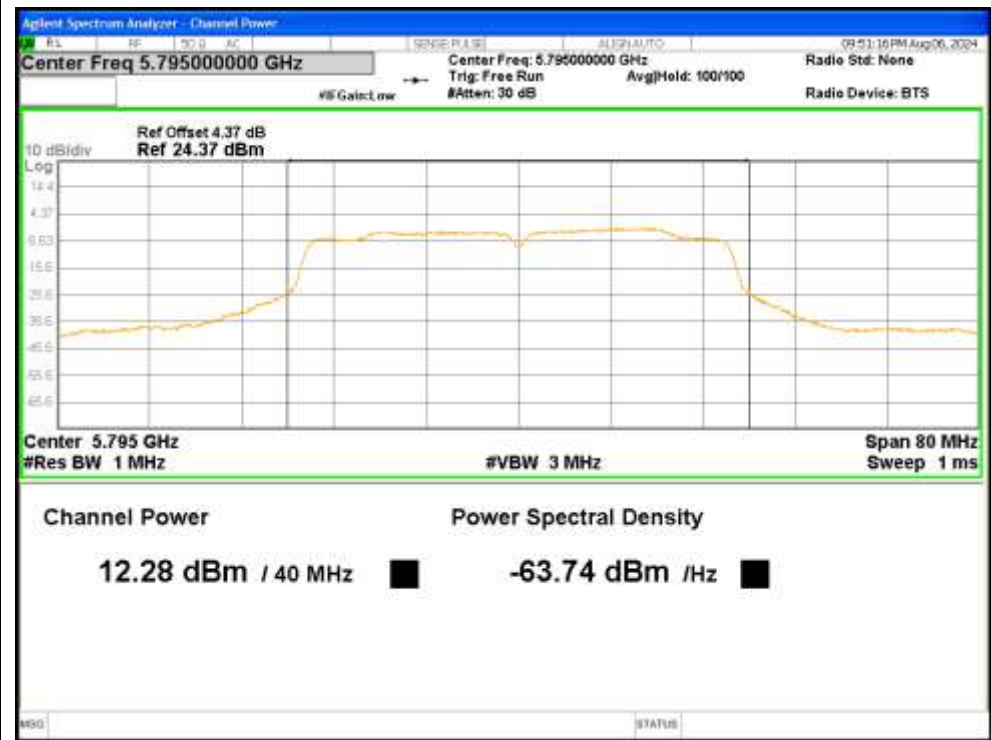
Power NVNT ac40 5755MHz Ant1



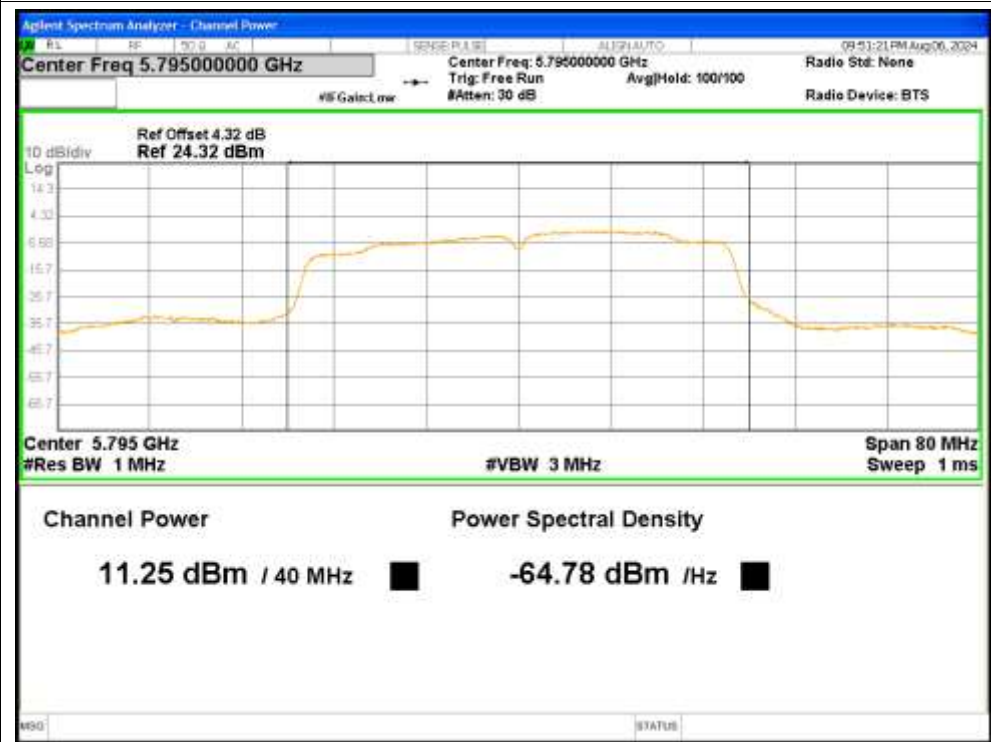
Power NVNT ac40 5755MHz Ant2



Power NVNT ac40 5795MHz Ant1



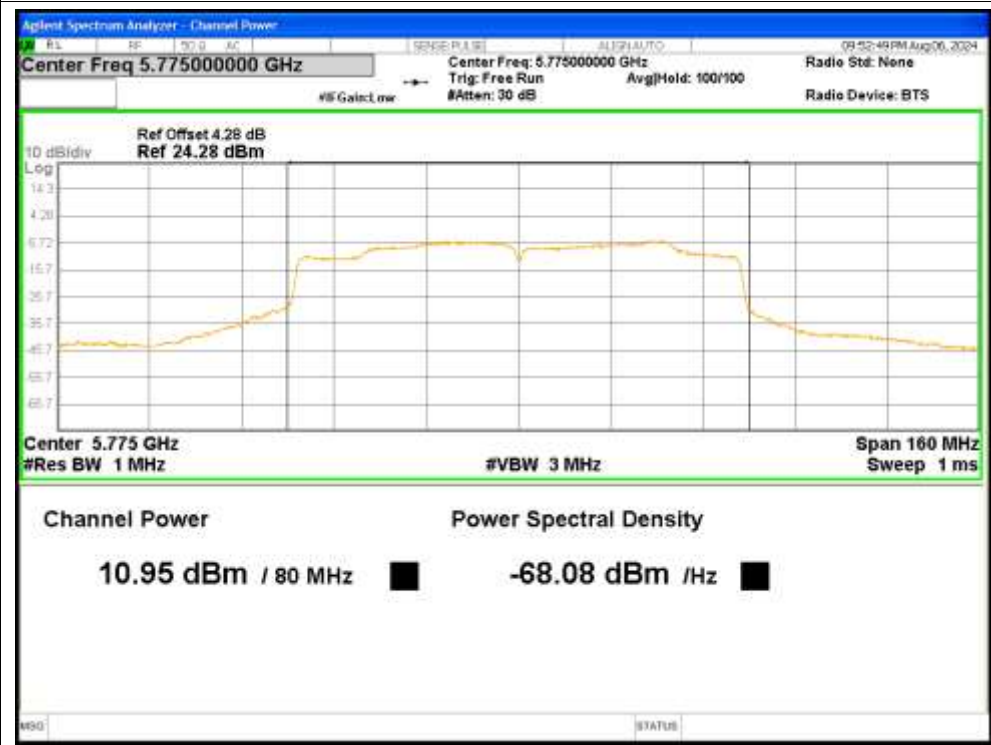
Power NVNT ac40 5795MHz Ant2



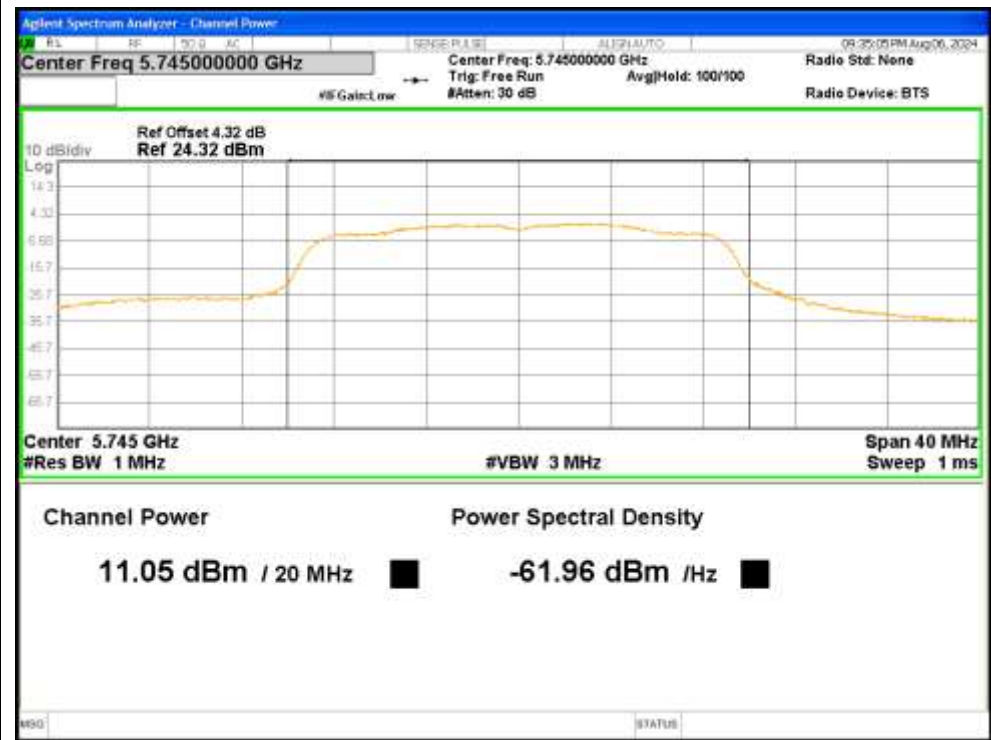
Power NVNT ac80 5775MHz Ant1



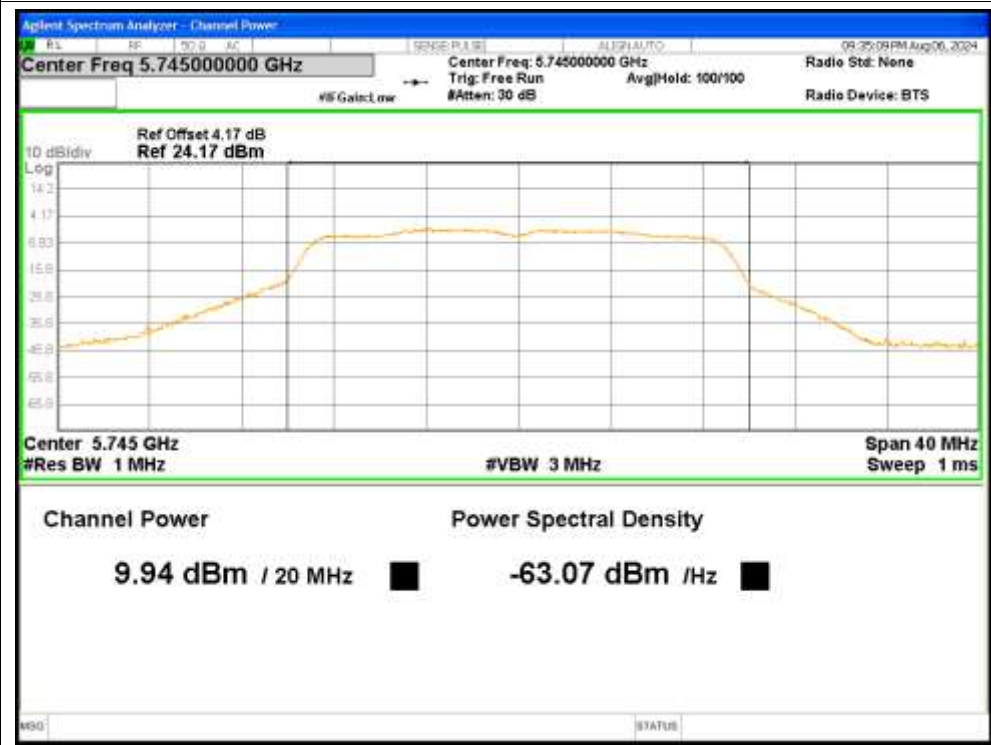
Power NVNT ac80 5775MHz Ant2



Power NVNT n20 5745MHz Ant1



Power NVNT n20 5745MHz Ant2



Power NVNT n20 5785MHz Ant1



Power NVNT n20 5785MHz Ant2



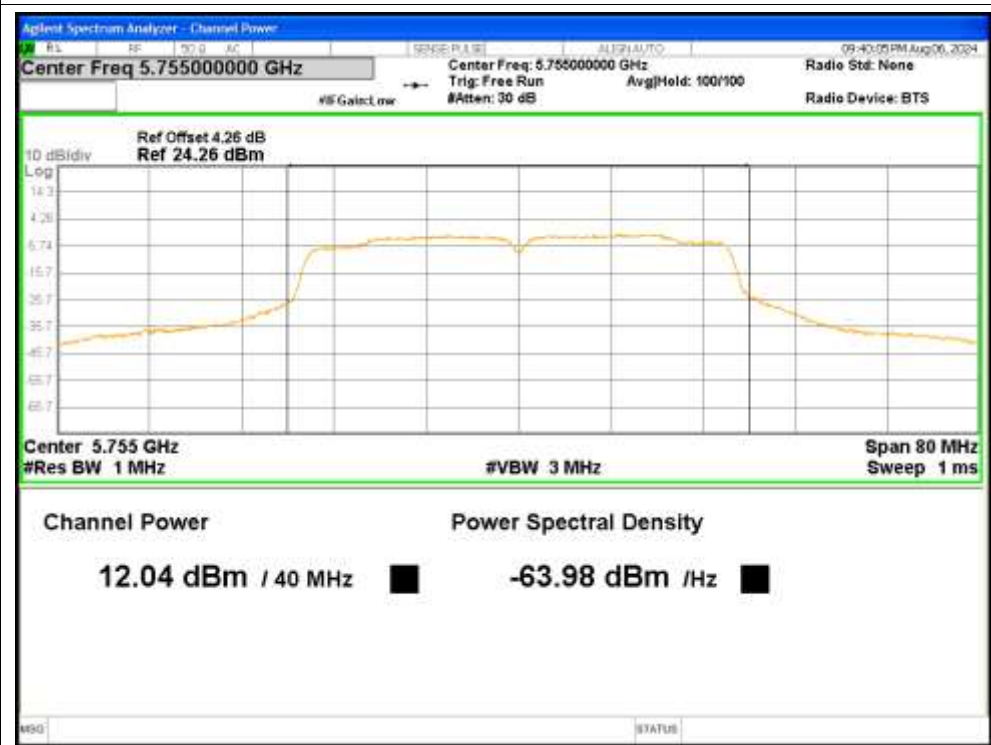
Power NVNT n20 5825MHz Ant1



Power NVNT n20 5825MHz Ant2



Power NVNT n40 5755MHz Ant1



Power NVNT n40 5755MHz Ant2



Power NVNT n40 5795MHz Ant1



Power NVNT n40 5795MHz Ant2



3. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.1124	≥ 0.5	Pass
NVNT	a	5785	Ant1	15.1356	≥ 0.5	Pass
NVNT	a	5825	Ant1	15.1311	≥ 0.5	Pass
NVNT	a	5745	Ant2	15.4903	≥ 0.5	Pass
NVNT	a	5785	Ant2	15.0989	≥ 0.5	Pass
NVNT	a	5825	Ant2	15.0917	≥ 0.5	Pass
NVNT	ac20	5745	Ant1	15.055	≥ 0.5	Pass
NVNT	ac20	5745	Ant2	15.944	≥ 0.5	Pass
NVNT	ac20	5785	Ant1	15.077	≥ 0.5	Pass
NVNT	ac20	5785	Ant2	15.1241	≥ 0.5	Pass
NVNT	ac20	5825	Ant1	15.1297	≥ 0.5	Pass
NVNT	ac20	5825	Ant2	15.0362	≥ 0.5	Pass
NVNT	ac40	5755	Ant1	35.0788	≥ 0.5	Pass
NVNT	ac40	5755	Ant2	32.6036	≥ 0.5	Pass
NVNT	ac40	5795	Ant1	35.0645	≥ 0.5	Pass
NVNT	ac40	5795	Ant2	29.9989	≥ 0.5	Pass
NVNT	ac80	5775	Ant1	71.2805	≥ 0.5	Pass
NVNT	ac80	5775	Ant2	61.3176	≥ 0.5	Pass
NVNT	n20	5745	Ant1	15.0724	≥ 0.5	Pass
NVNT	n20	5745	Ant2	16.3251	≥ 0.5	Pass
NVNT	n20	5785	Ant1	15.1256	≥ 0.5	Pass
NVNT	n20	5785	Ant2	15.1232	≥ 0.5	Pass
NVNT	n20	5825	Ant1	15.1307	≥ 0.5	Pass
NVNT	n20	5825	Ant2	13.8321	≥ 0.5	Pass
NVNT	n40	5755	Ant1	33.8562	≥ 0.5	Pass
NVNT	n40	5755	Ant2	32.5145	≥ 0.5	Pass
NVNT	n40	5795	Ant1	35.0941	≥ 0.5	Pass
NVNT	n40	5795	Ant2	30.0233	≥ 0.5	Pass

Test Graphs

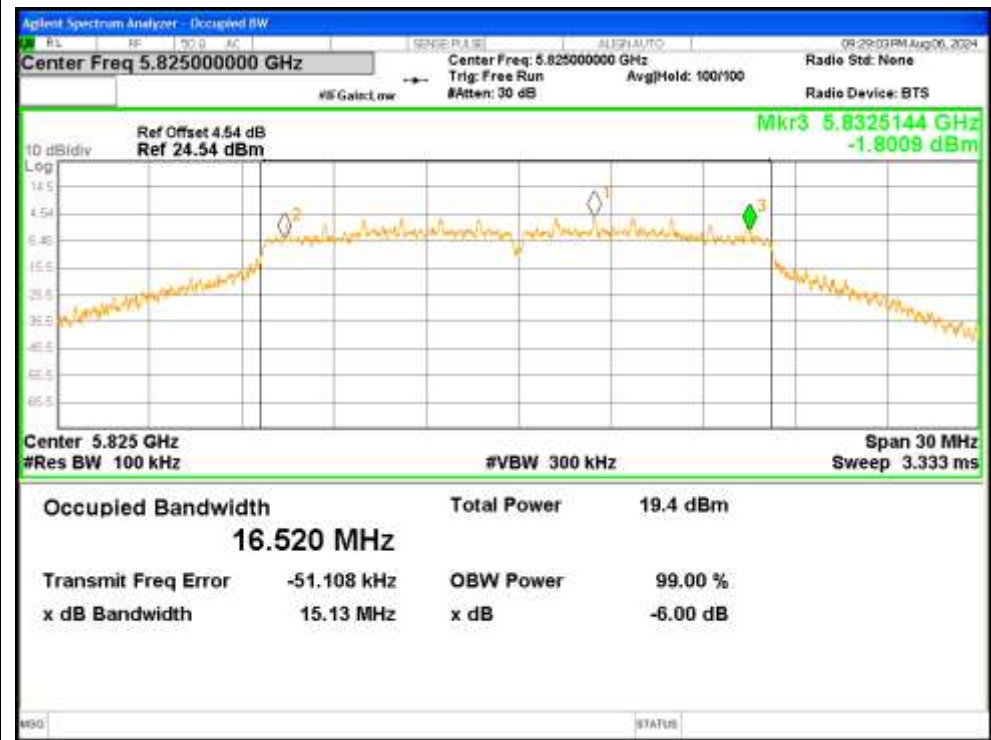
-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



-6dB Bandwidth NVNT a 5825MHz Ant1

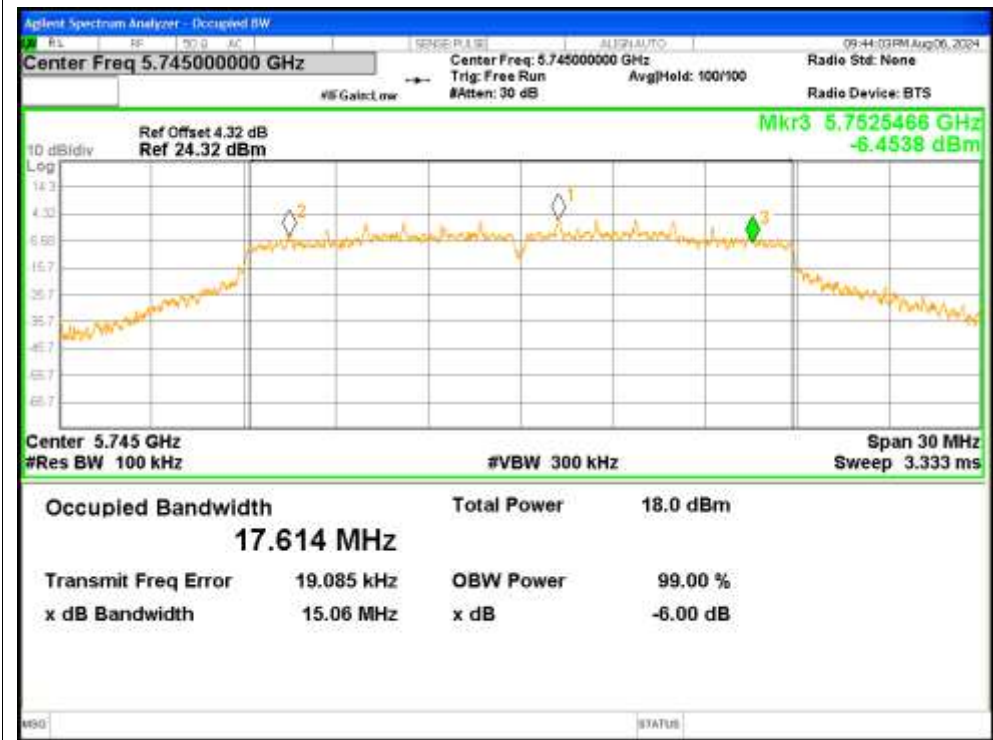


-6dB Bandwidth NVNT a 5745MHz Ant2

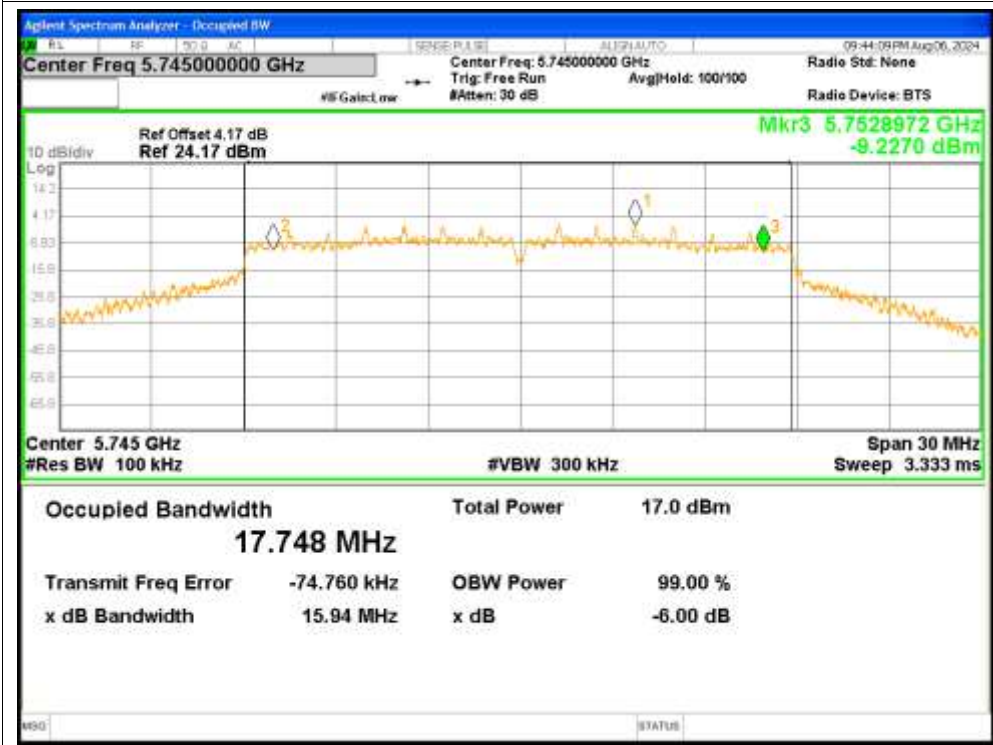


-6dB Bandwidth NVNT a 5785MHz Ant2**-6dB Bandwidth NVNT a 5825MHz Ant2**

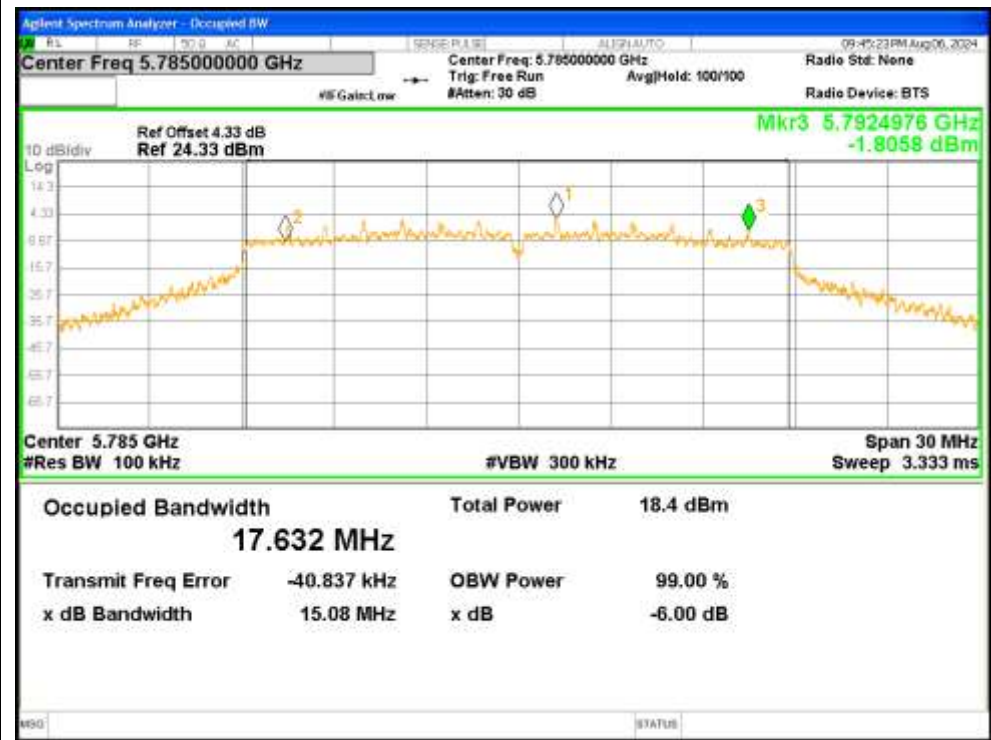
-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5745MHz Ant2



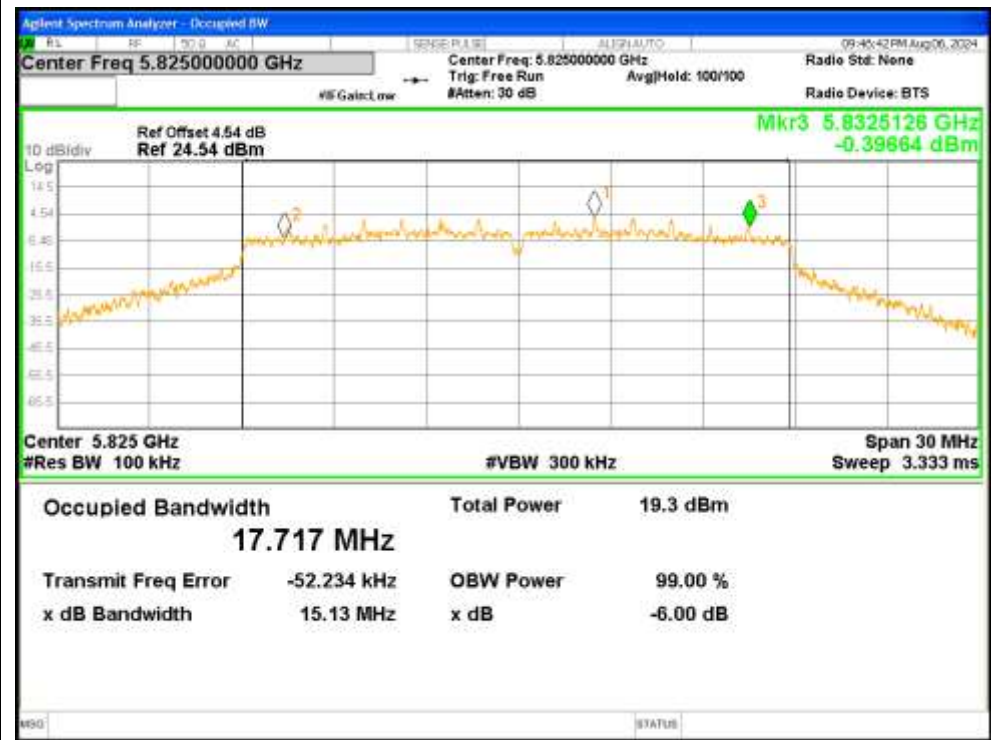
-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant2



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant2



-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant2



-6dB Bandwidth NVNT ac40 5795MHz Ant1



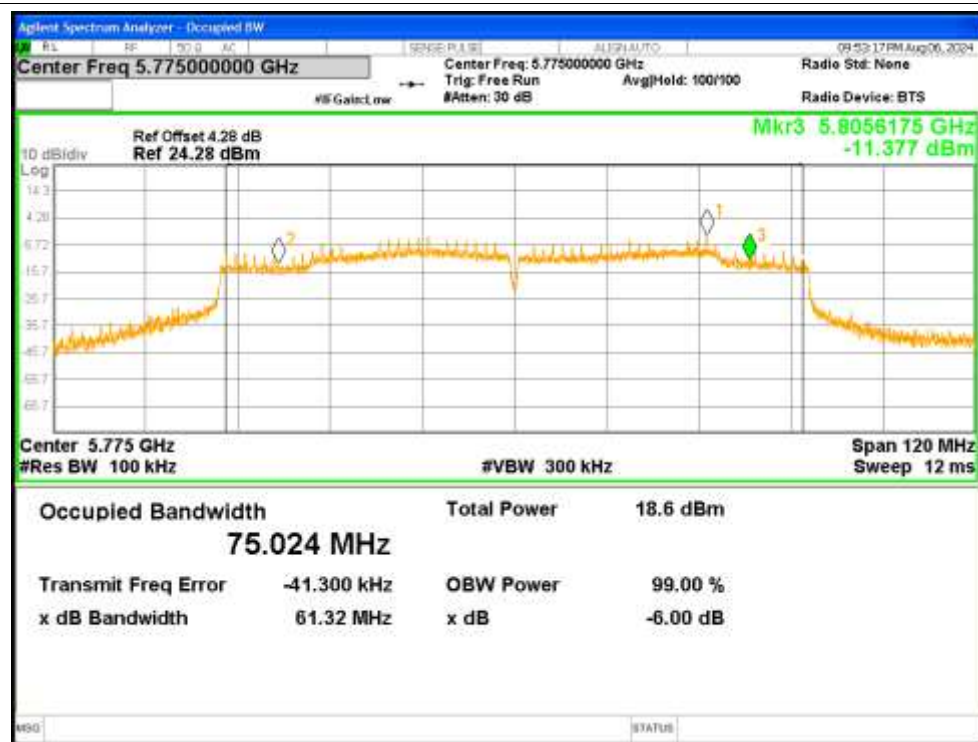
-6dB Bandwidth NVNT ac40 5795MHz Ant2



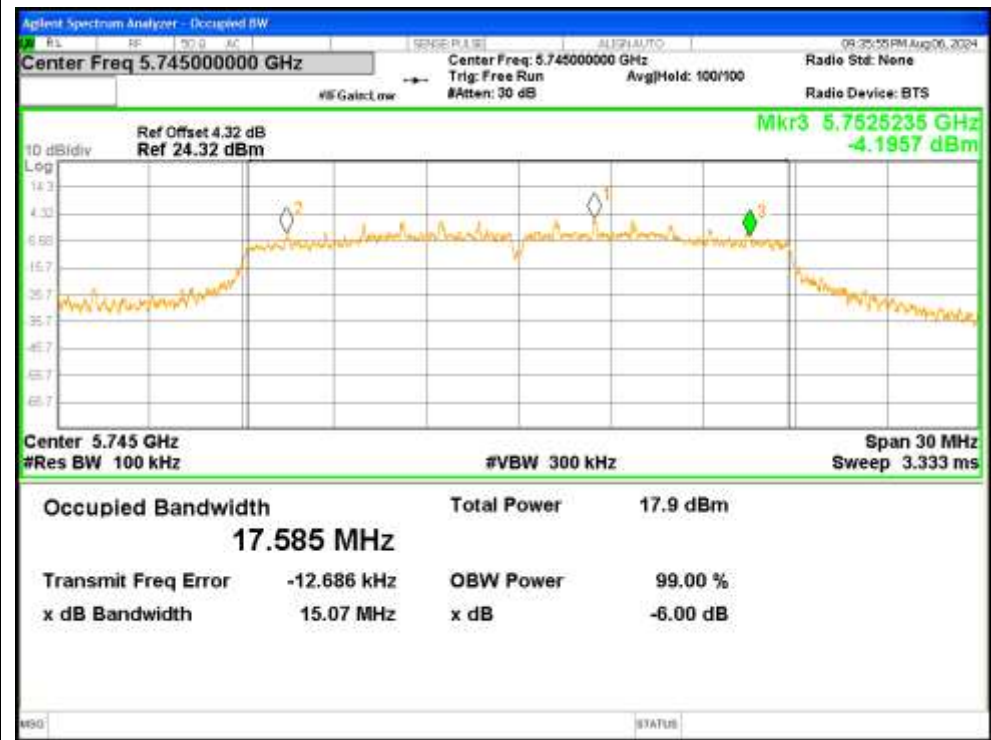
-6dB Bandwidth NVNT ac80 5775MHz Ant1



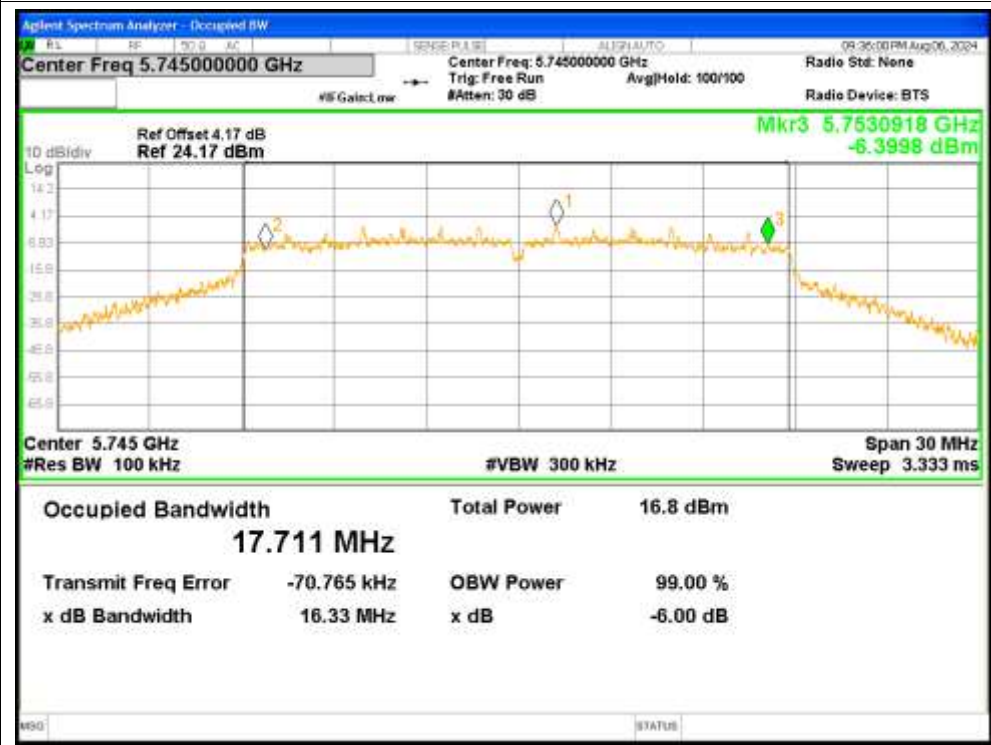
-6dB Bandwidth NVNT ac80 5775MHz Ant2



-6dB Bandwidth NVNT n20 5745MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant2



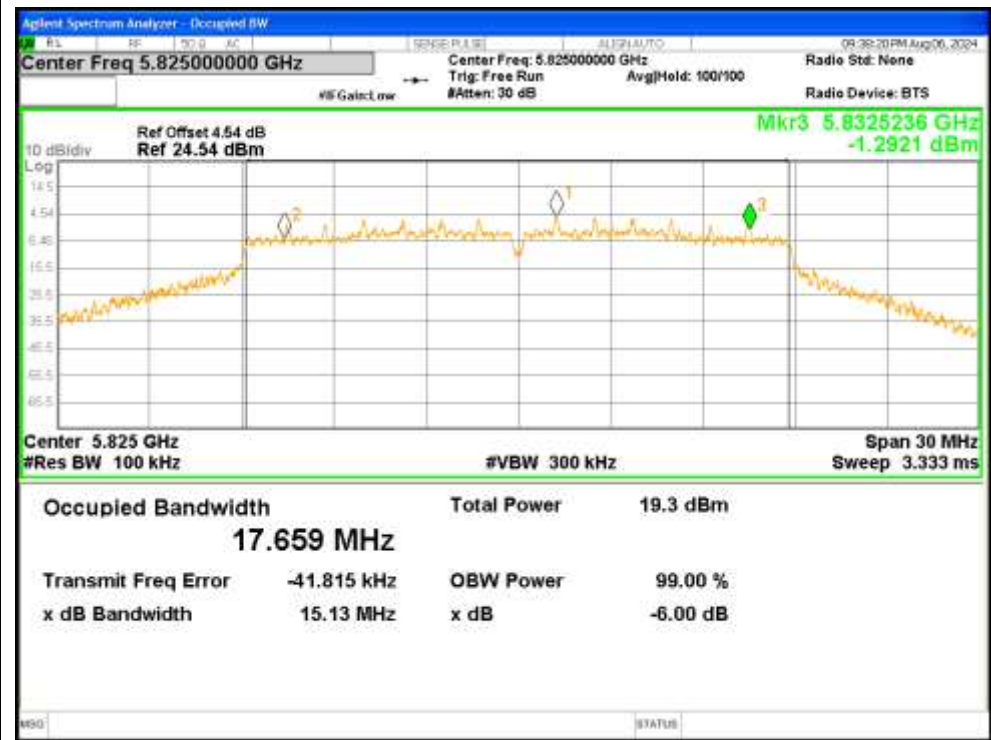
-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5785MHz Ant2



-6dB Bandwidth NVNT n20 5825MHz Ant1

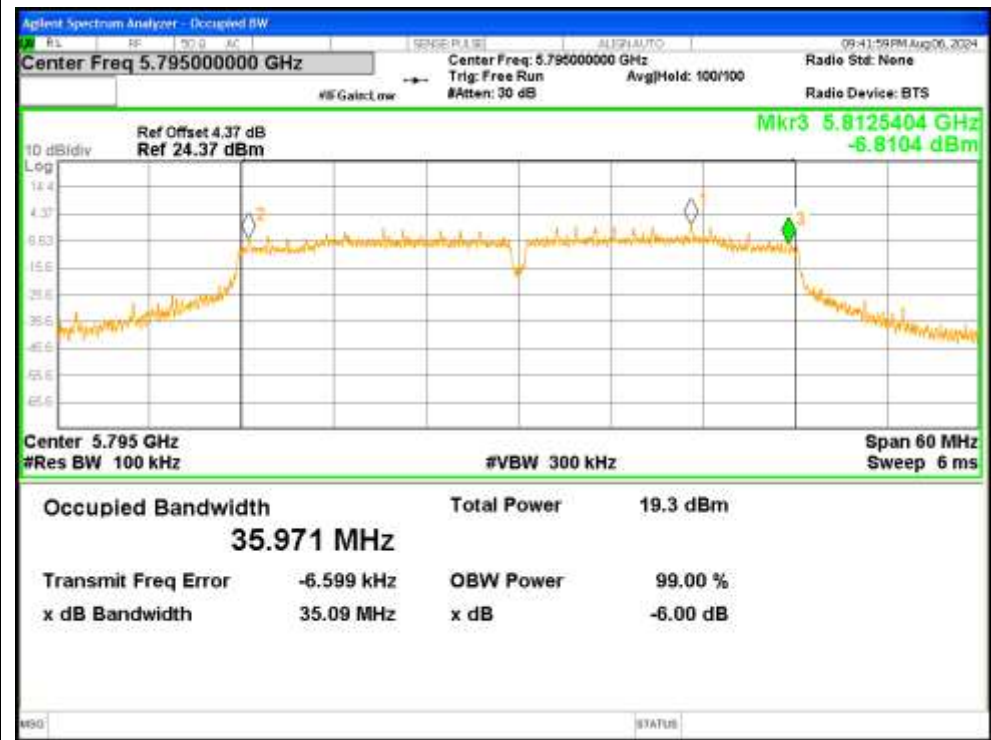


-6dB Bandwidth NVNT n20 5825MHz Ant2

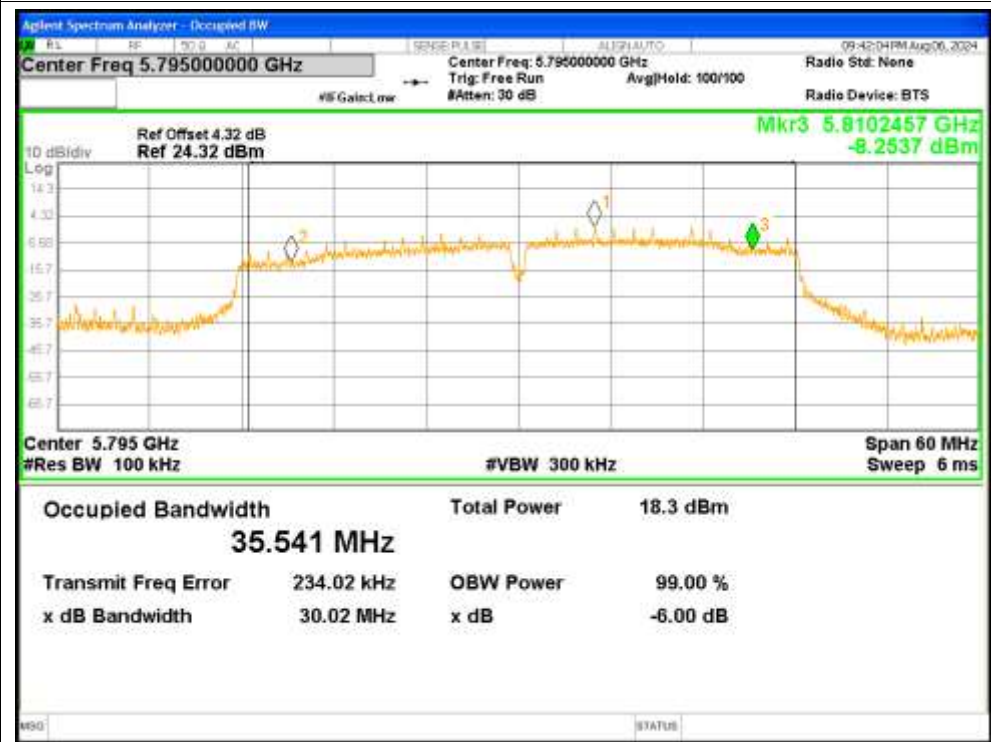


-6dB Bandwidth NVNT n40 5755MHz Ant1**-6dB Bandwidth NVNT n40 5755MHz Ant2**

-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant2



4. Occupied Channel Bandwidth

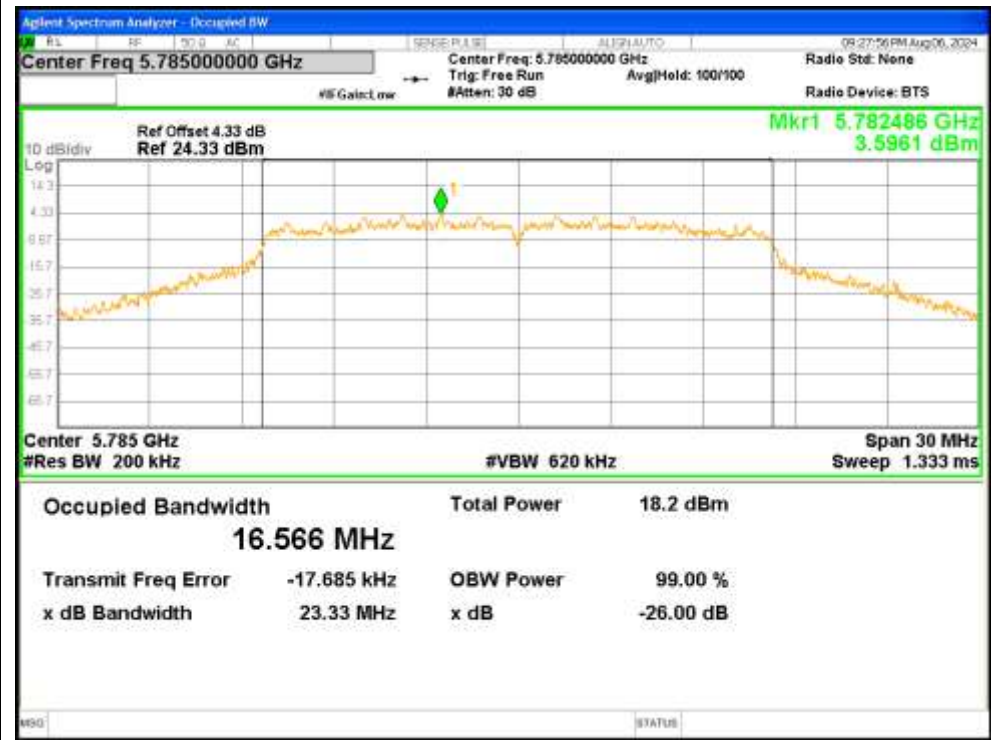
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.5039
NVNT	a	5785	Ant1	16.5661
NVNT	a	5825	Ant1	16.7133
NVNT	a	5745	Ant2	16.6763
NVNT	a	5785	Ant2	16.6115
NVNT	a	5825	Ant2	16.5383
NVNT	ac20	5745	Ant1	17.6559
NVNT	ac20	5745	Ant2	17.8904
NVNT	ac20	5785	Ant1	17.7032
NVNT	ac20	5785	Ant2	17.7739
NVNT	ac20	5825	Ant1	17.757
NVNT	ac20	5825	Ant2	17.6505
NVNT	ac40	5755	Ant1	36.0093
NVNT	ac40	5755	Ant2	36.0002
NVNT	ac40	5795	Ant1	36.0562
NVNT	ac40	5795	Ant2	35.5908
NVNT	ac80	5775	Ant1	74.9871
NVNT	ac80	5775	Ant2	75.078
NVNT	n20	5745	Ant1	17.6333
NVNT	n20	5745	Ant2	17.8628
NVNT	n20	5785	Ant1	17.6866
NVNT	n20	5785	Ant2	17.8202
NVNT	n20	5825	Ant1	17.7565
NVNT	n20	5825	Ant2	17.6589
NVNT	n40	5755	Ant1	36.0217
NVNT	n40	5755	Ant2	35.972
NVNT	n40	5795	Ant1	36.0763
NVNT	n40	5795	Ant2	35.5984

Test Graphs

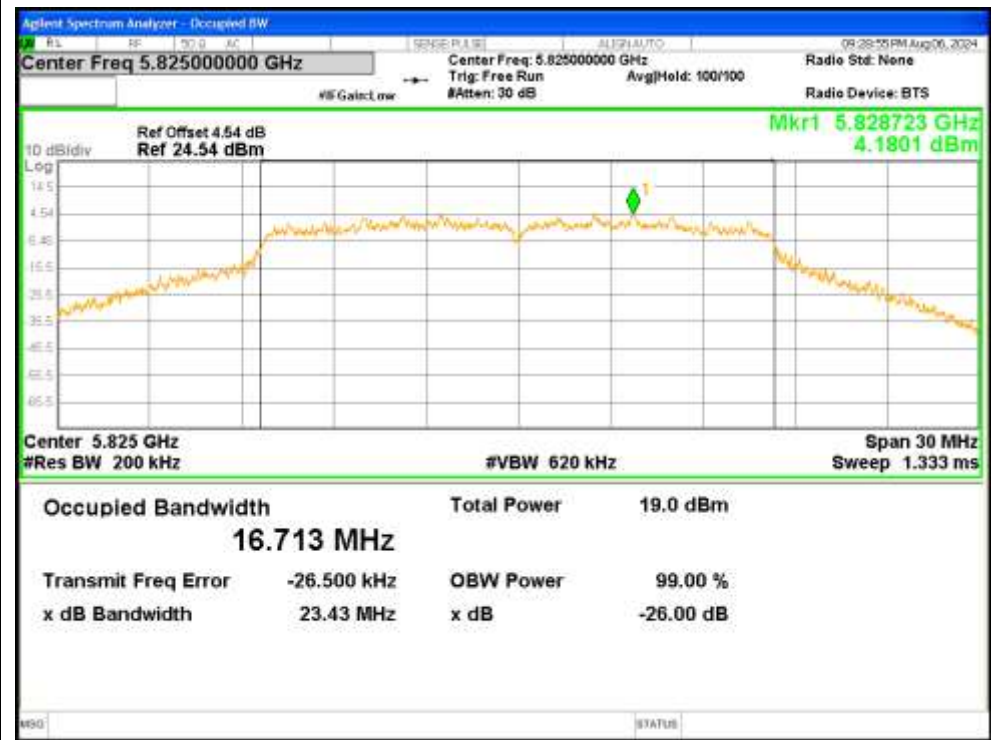
OBW NVNT a 5745MHz Ant1



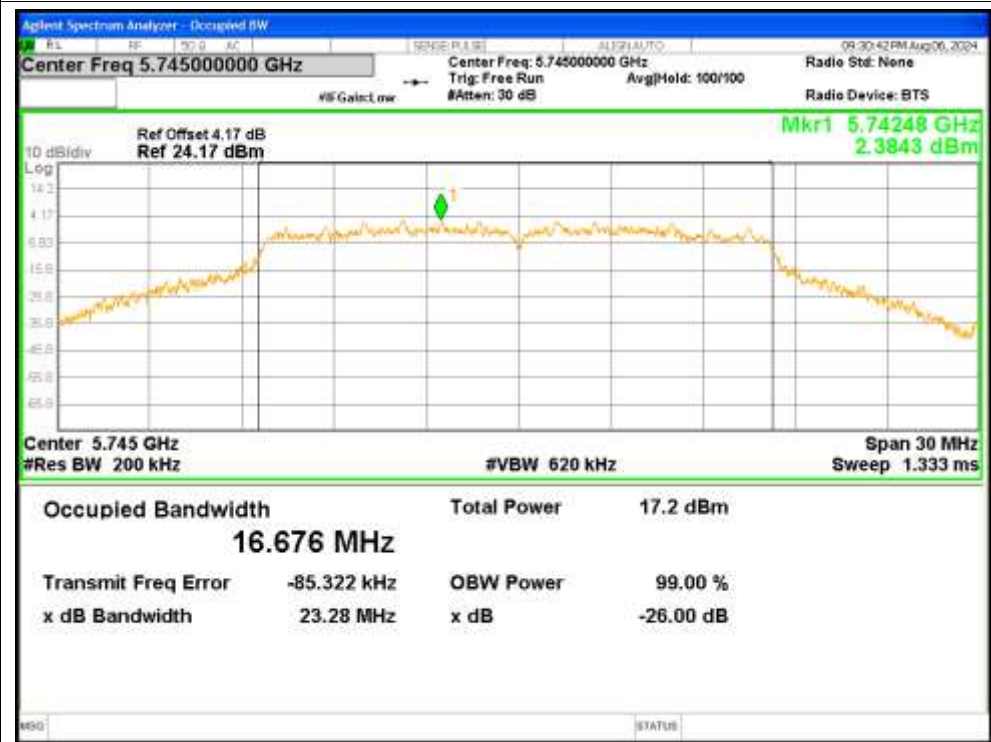
OBW NVNT a 5785MHz Ant1



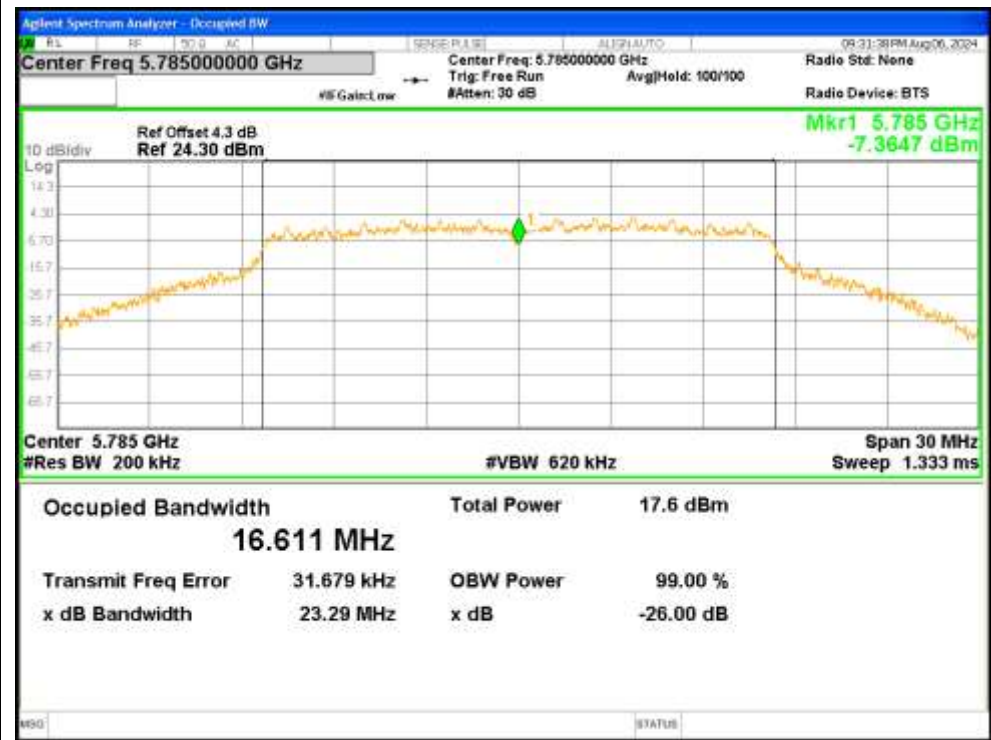
OBW NVNT a 5825MHz Ant1



OBW NVNT a 5745MHz Ant2



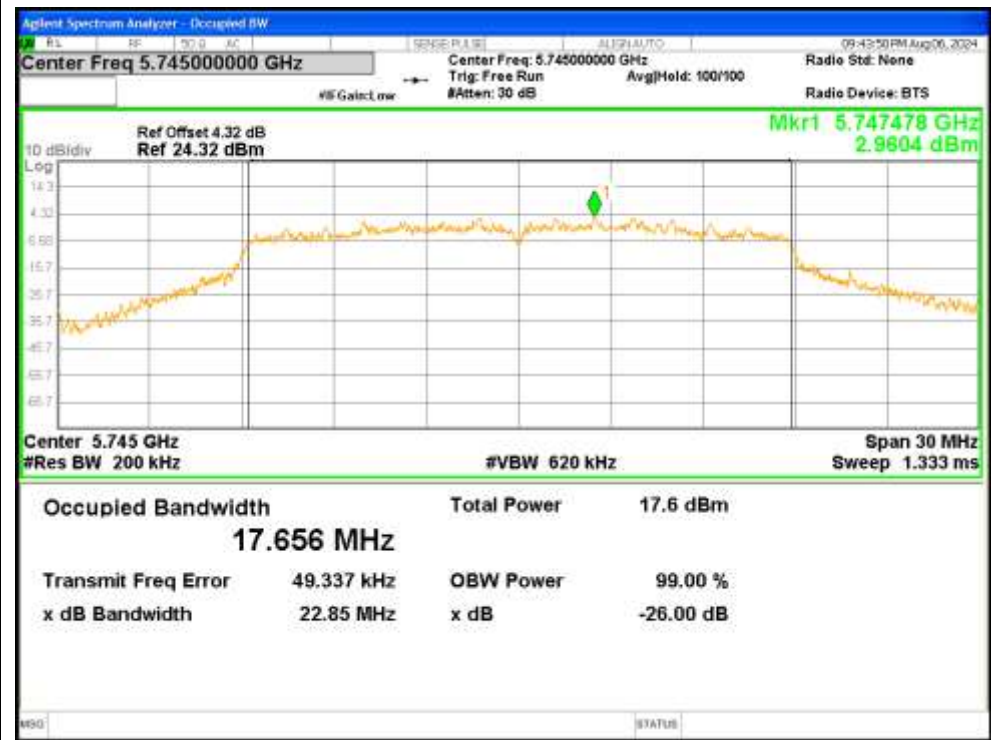
OBW NVNT a 5785MHz Ant2



OBW NVNT a 5825MHz Ant2



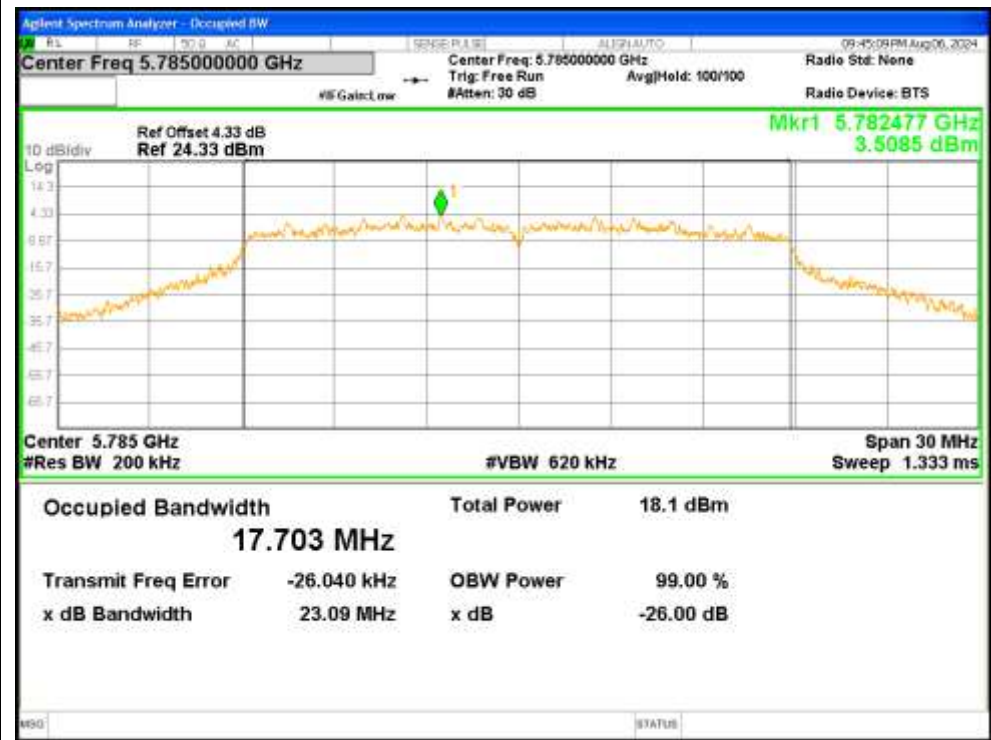
OBW NVNT ac20 5745MHz Ant1



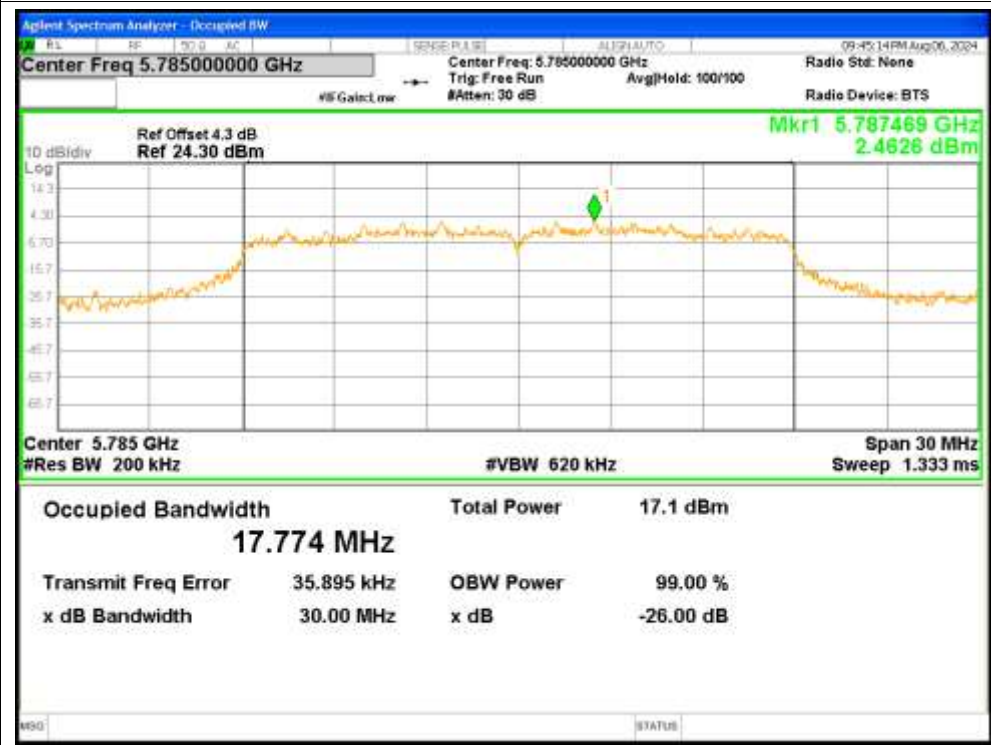
OBW NVNT ac20 5745MHz Ant2



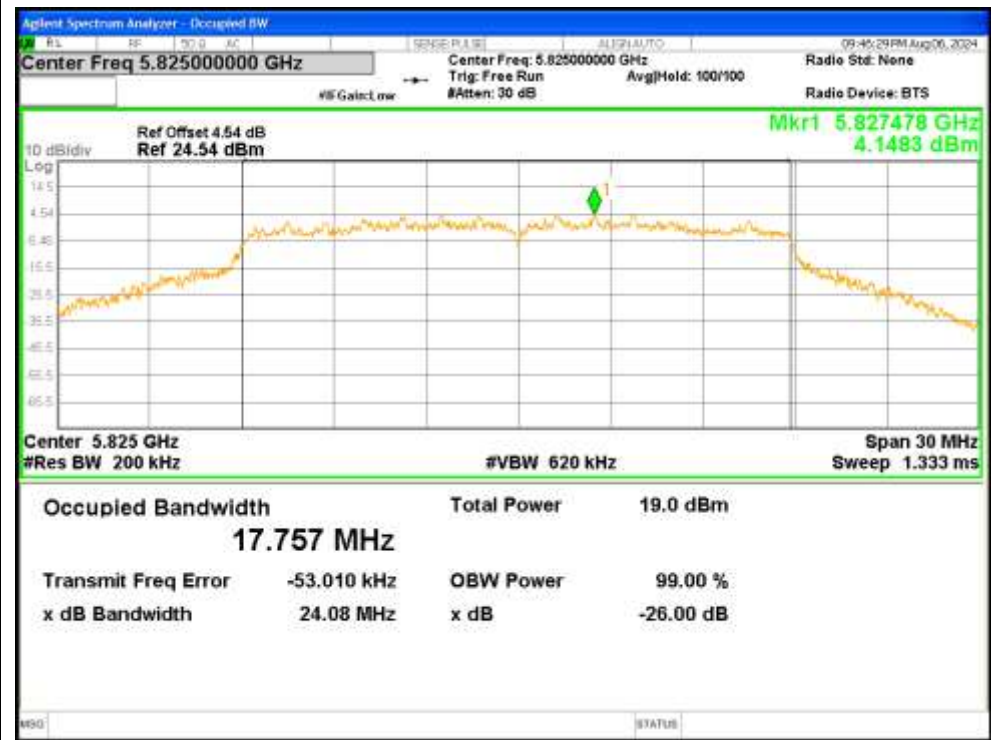
OBW NVNT ac20 5785MHz Ant1



OBW NVNT ac20 5785MHz Ant2



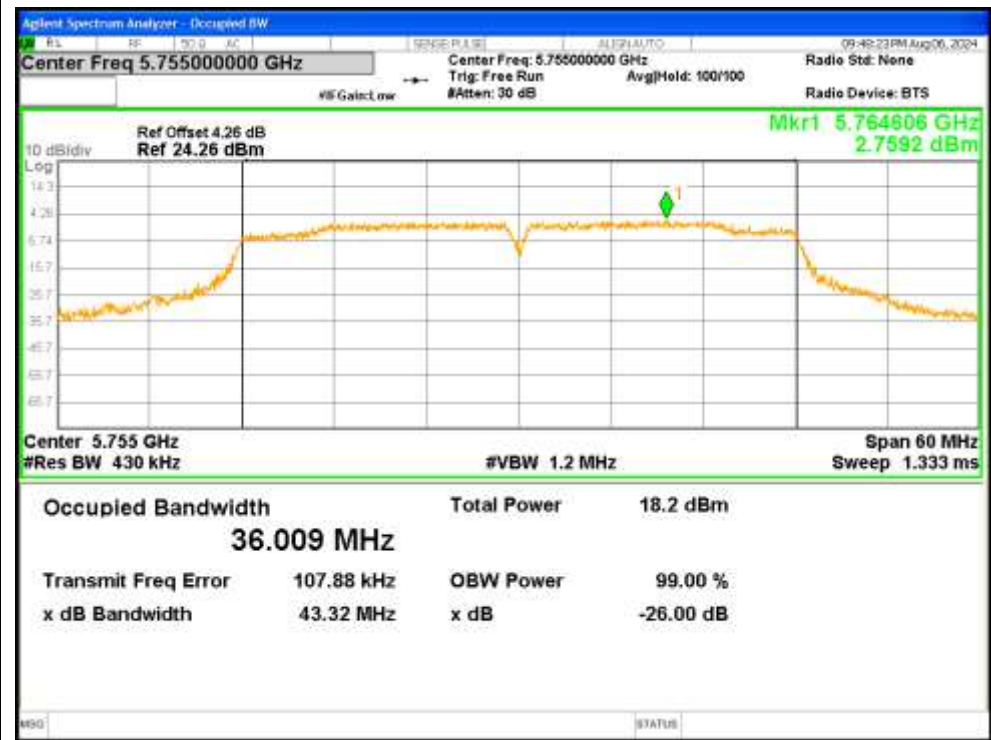
OBW NVNT ac20 5825MHz Ant1



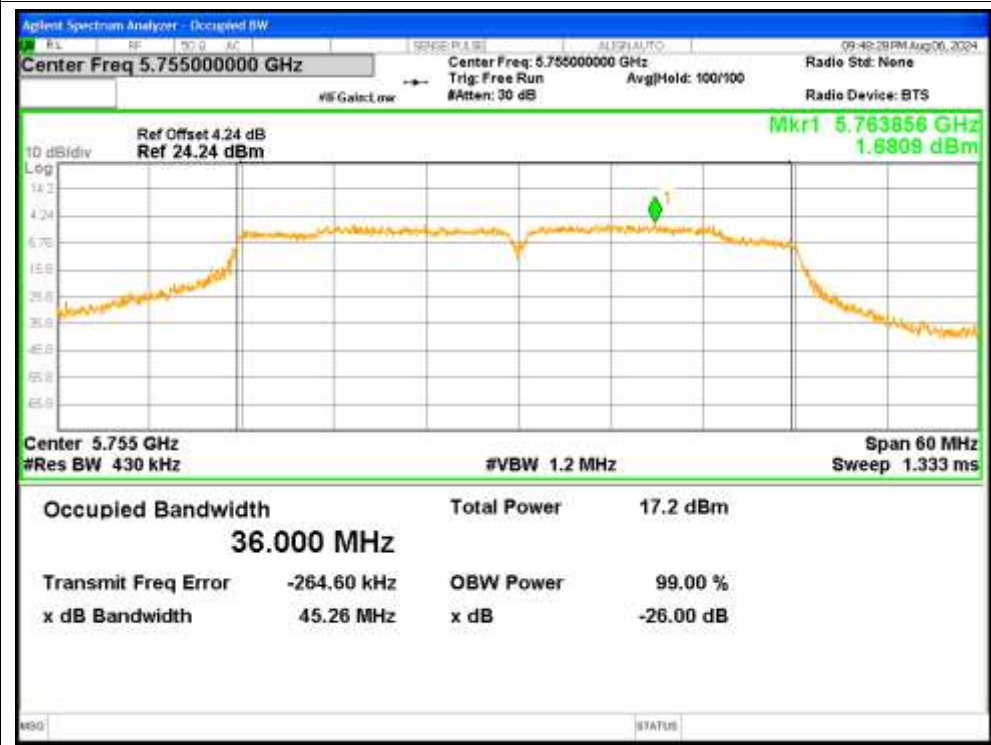
OBW NVNT ac20 5825MHz Ant2



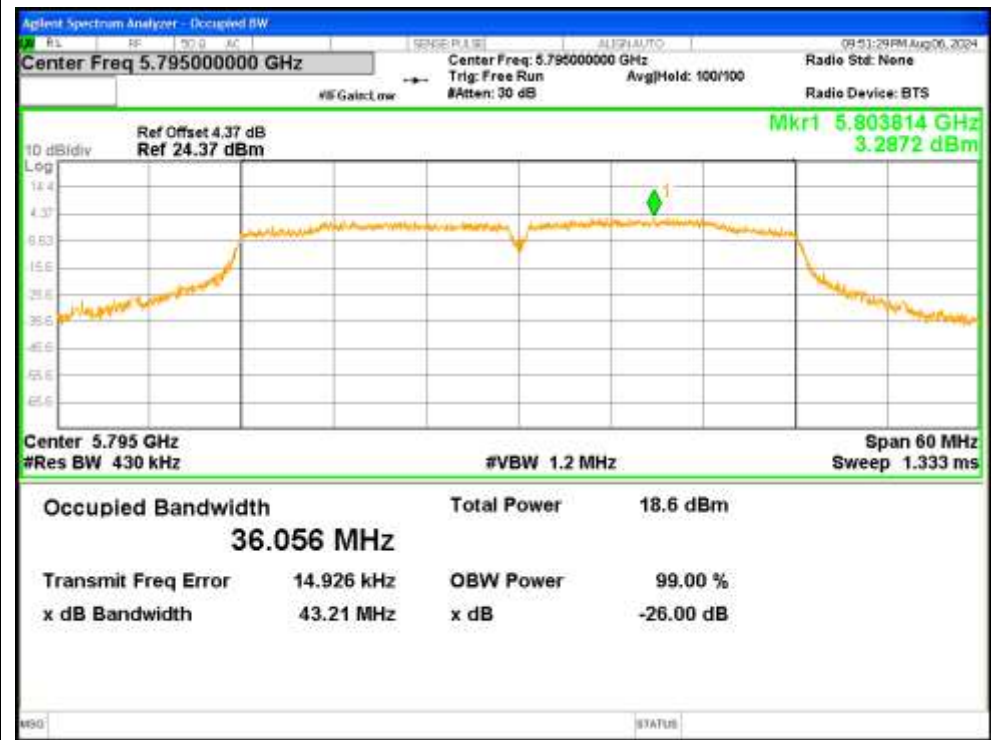
OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5755MHz Ant2



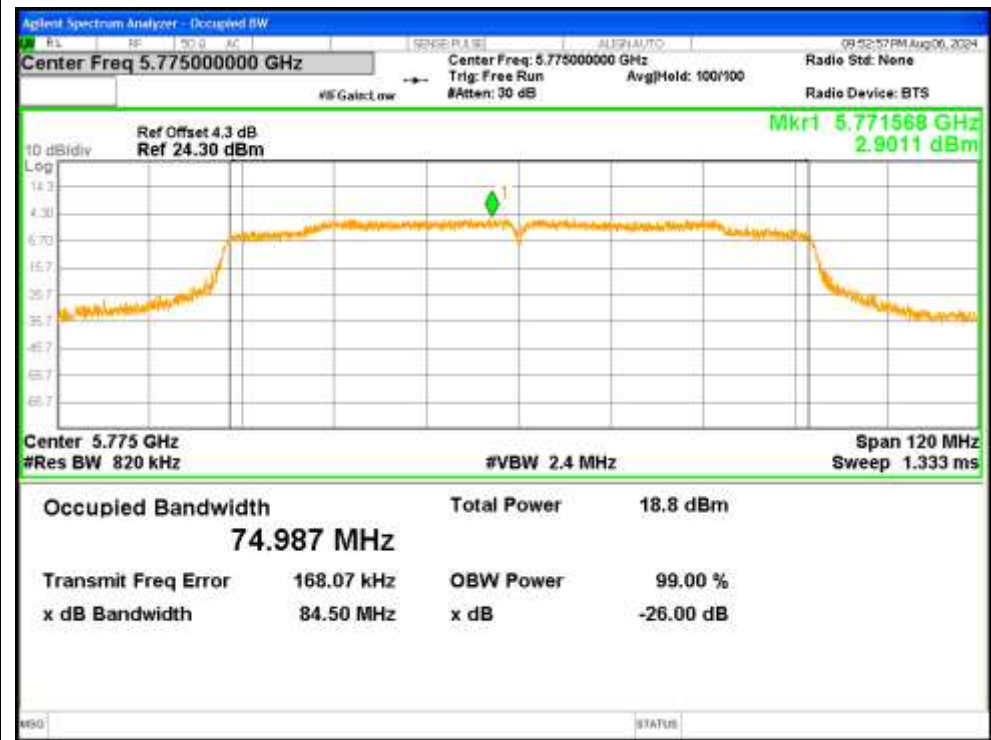
OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac40 5795MHz Ant2



OBW NVNT ac80 5775MHz Ant1



OBW NVNT ac80 5775MHz Ant2



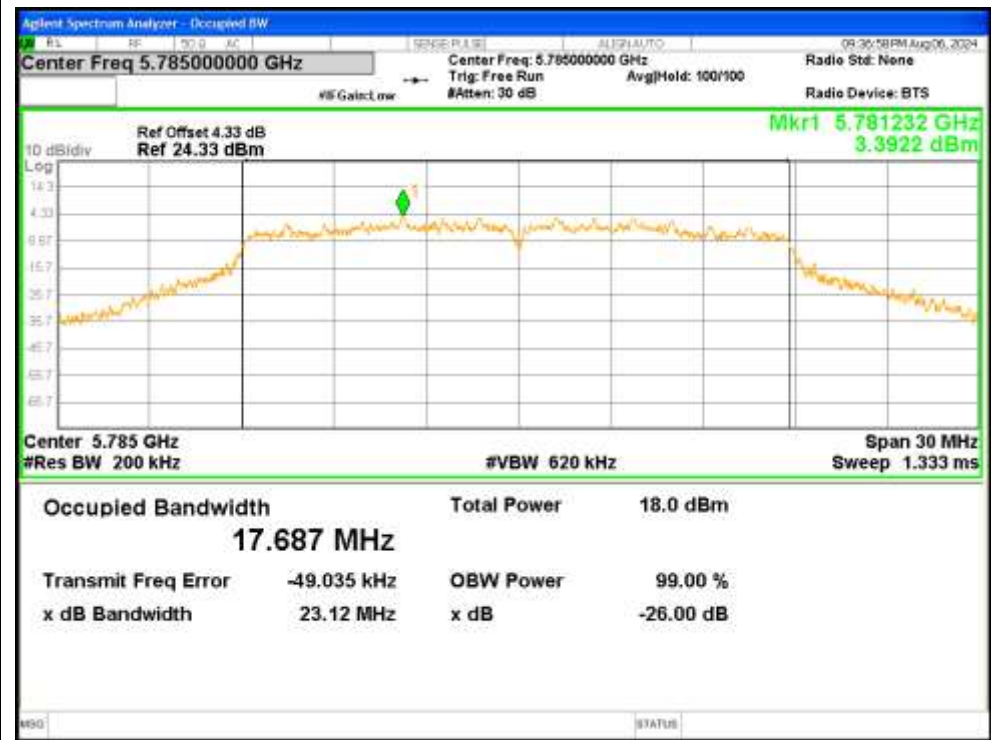
OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5745MHz Ant2



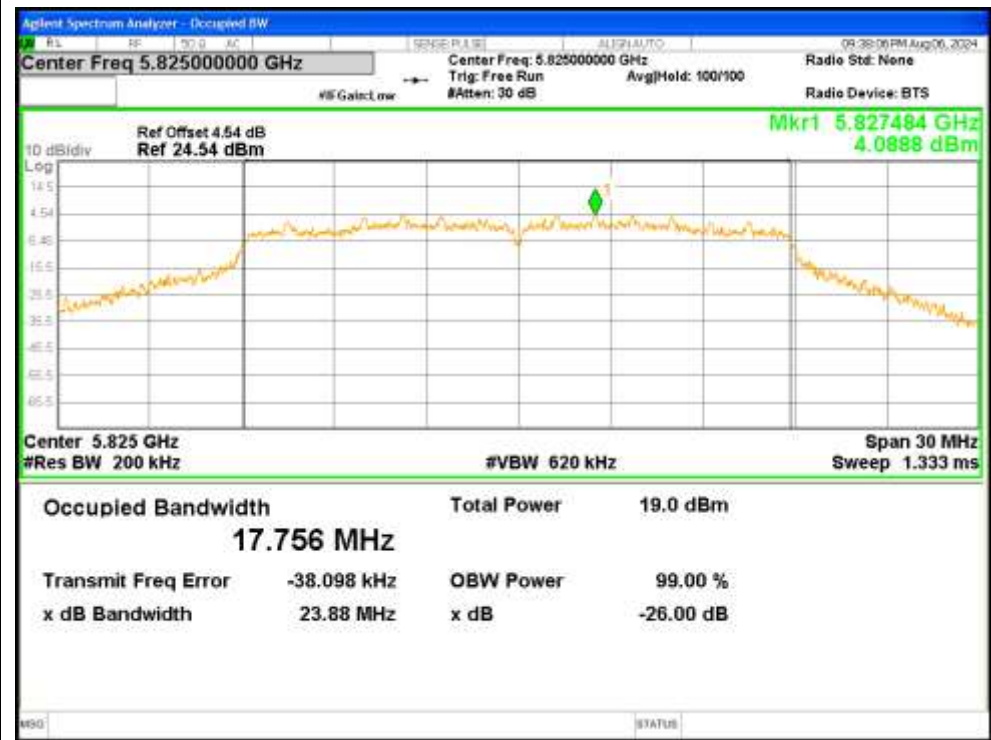
OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5785MHz Ant2



OBW NVNT n20 5825MHz Ant1



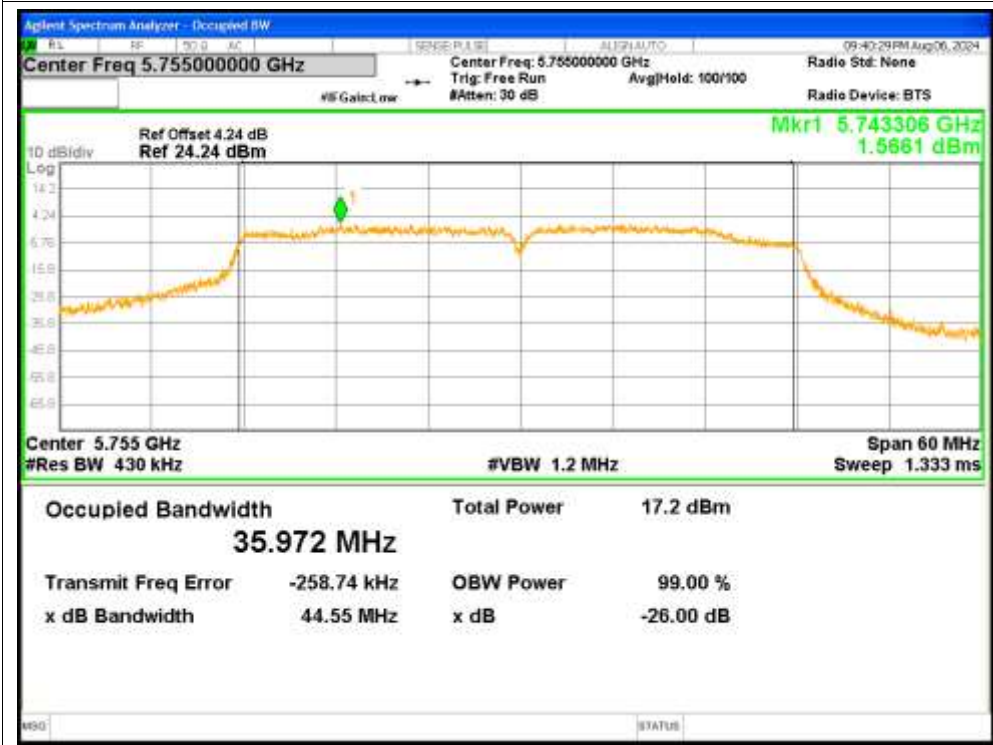
OBW NVNT n20 5825MHz Ant2



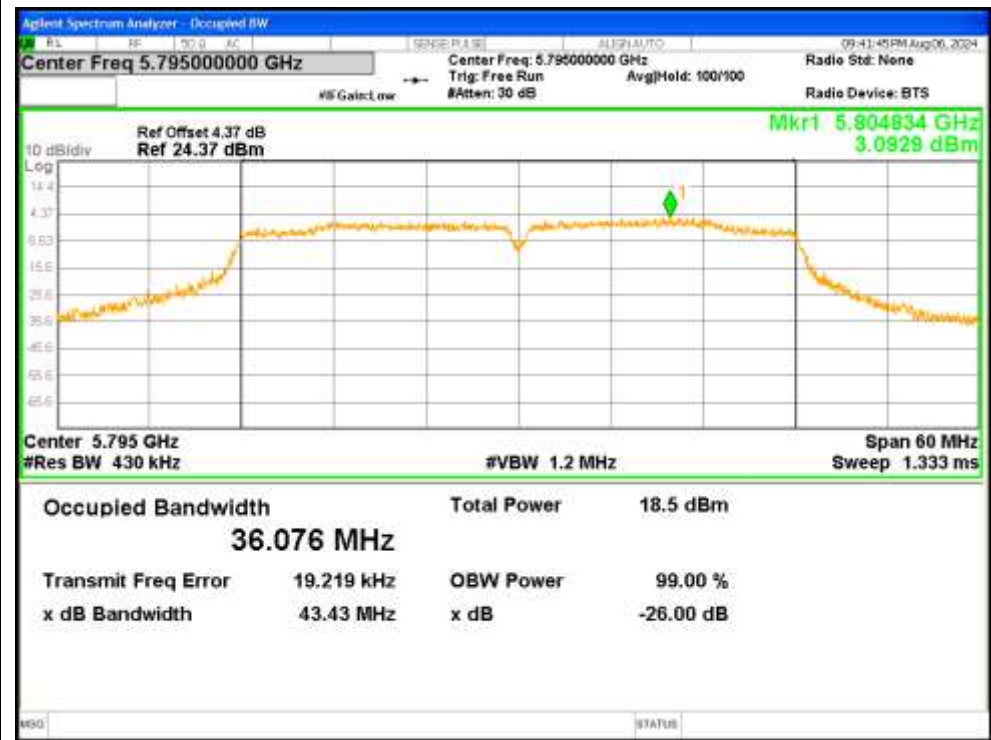
OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5755MHz Ant2



OBW NVNT n40 5795MHz Ant1



OBW NVNT n40 5795MHz Ant2



5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	Ant1	-1.476	0.94	-0.536	<=30	Pass
NVNT	a	5785	Ant1	-1.338	0.96	-0.378	<=30	Pass
NVNT	a	5825	Ant1	-0.779	0.96	0.181	<=30	Pass
NVNT	a	5745	Ant2	-2.399	0.95	-1.449	<=30	Pass
NVNT	a	5785	Ant2	-1.622	0.96	-0.662	<=30	Pass
NVNT	a	5825	Ant2	-0.521	0.95	0.429	<=30	Pass
NVNT	ac20	5745	Ant1	-1.307	0.59	-0.717	<=30	Pass
NVNT	ac20	5745	Ant2	-2.993	0.59	-2.403	<=30	Pass
NVNT	ac20	5745	Sum	0.942	0.59	1.532	<=29.54	Pass
NVNT	ac20	5785	Ant1	-1.399	0.59	-0.809	<=30	Pass
NVNT	ac20	5785	Ant2	-2.051	0.59	-1.461	<=30	Pass
NVNT	ac20	5785	Sum	1.298	0.59	1.888	<=29.54	Pass
NVNT	ac20	5825	Ant1	-0.89	0.59	-0.3	<=30	Pass
NVNT	ac20	5825	Ant2	-1.437	0.59	-0.847	<=30	Pass
NVNT	ac20	5825	Sum	1.855	0.59	2.445	<=29.54	Pass
NVNT	ac40	5755	Ant1	-4.272	0.64	-3.632	<=30	Pass
NVNT	ac40	5755	Ant2	-4.979	0.64	-4.339	<=30	Pass
NVNT	ac40	5755	Sum	-1.601	0.64	-0.961	<=29.54	Pass
NVNT	ac40	5795	Ant1	-3.442	0.63	-2.812	<=30	Pass
NVNT	ac40	5795	Ant2	-3.269	0.63	-2.639	<=30	Pass
NVNT	ac40	5795	Sum	-0.344	0.63	0.286	<=29.54	Pass
NVNT	ac80	5775	Ant1	-7.033	0.65	-6.383	<=30	Pass
NVNT	ac80	5775	Ant2	-6.749	0.65	-6.099	<=30	Pass
NVNT	ac80	5775	Sum	-3.878	0.65	-3.228	<=29.54	Pass
NVNT	n20	5745	Ant1	-1.597	0.54	-1.057	<=30	Pass
NVNT	n20	5745	Ant2	-3.033	0.54	-2.493	<=30	Pass
NVNT	n20	5745	Sum	0.754	0.54	1.294	<=29.54	Pass
NVNT	n20	5785	Ant1	-1.202	0.55	-0.652	<=30	Pass
NVNT	n20	5785	Ant2	-2.193	0.55	-1.643	<=30	Pass
NVNT	n20	5785	Sum	1.341	0.55	1.891	<=29.54	Pass
NVNT	n20	5825	Ant1	-0.503	0.54	0.037	<=30	Pass
NVNT	n20	5825	Ant2	-1.398	0.54	-0.858	<=30	Pass
NVNT	n20	5825	Sum	2.083	0.54	2.623	<=29.54	Pass
NVNT	n40	5755	Ant1	-4.062	0.55	-3.512	<=30	Pass
NVNT	n40	5755	Ant2	-4.986	0.55	-4.436	<=30	Pass
NVNT	n40	5755	Sum	-1.489	0.55	-0.939	<=29.54	Pass
NVNT	n40	5795	Ant1	-3.318	0.56	-2.758	<=30	Pass
NVNT	n40	5795	Ant2	-3.352	0.56	-2.792	<=30	Pass
NVNT	n40	5795	Sum	-0.325	0.56	0.235	<=29.54	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 ac20 5745MHz Ant1



PSD NVNT ac20 5745MHz Ant2



PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5785MHz Ant2



PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac20 5825MHz Ant2



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac80 5775MHz Ant1



PSD NVNT ac80 5775MHz Ant2



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5745MHz Ant2



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5785MHz Ant2



PSD NVNT n20 5825MHz Ant1



PSD NVNT n20 5825MHz Ant2



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant1



PSD NVNT n40 5795MHz Ant2

