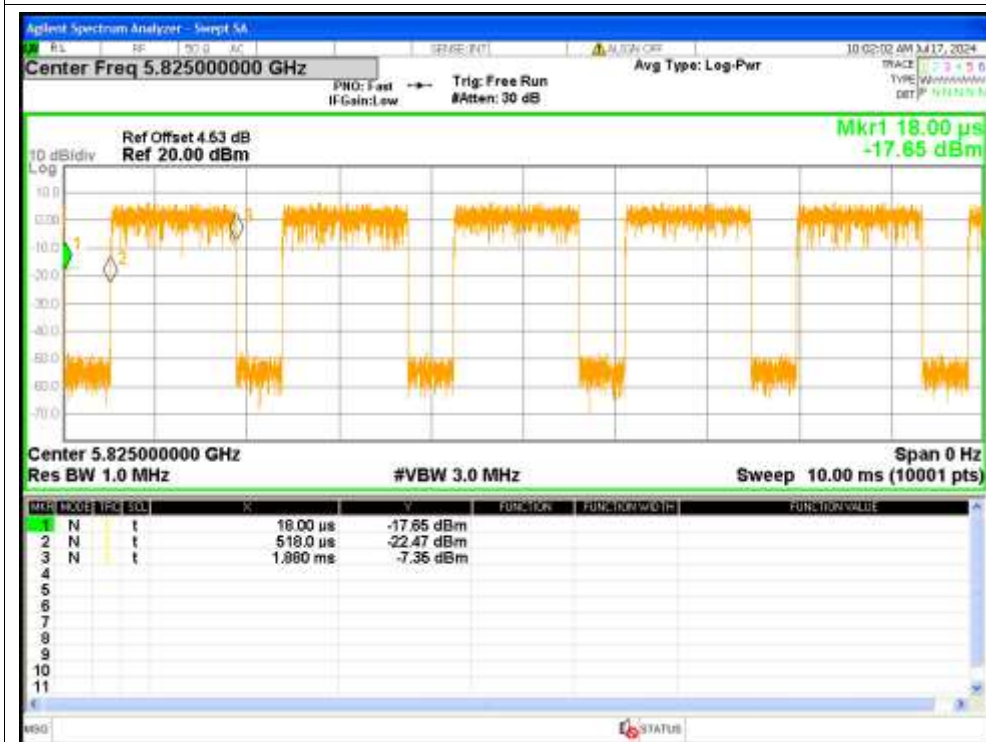


ANT A

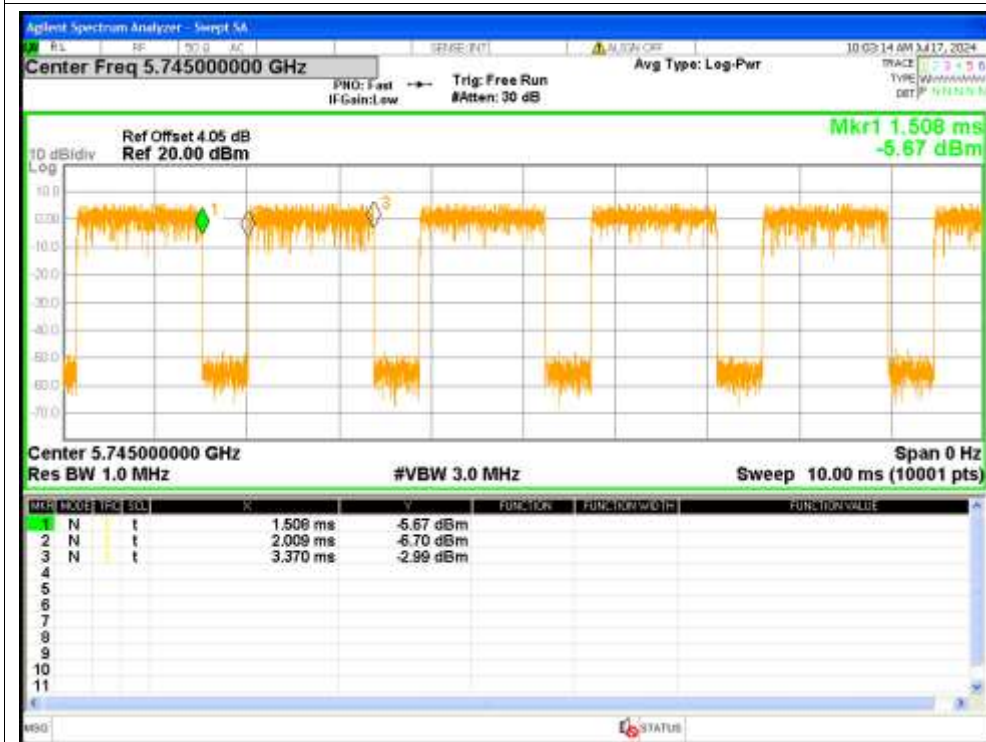
1. Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	73.09	1.36	0.73
NVNT	a	5785	Ant1	73.09	1.36	0.73
NVNT	a	5825	Ant1	73.15	1.36	0.73
NVNT	a	5745	Ant2	73.09	1.36	0.73
NVNT	a	5785	Ant2	73.09	1.36	0.73
NVNT	a	5825	Ant2	73.15	1.36	0.73
NVNT	n20	5745	Sum	71.77	1.44	0.78
NVNT	n20	5785	Sum	71.82	1.44	0.78
NVNT	n20	5825	Sum	71.76	1.44	0.79
NVNT	n40	5755	Sum	55.91	2.53	1.58
NVNT	n40	5795	Sum	55.93	2.52	1.58

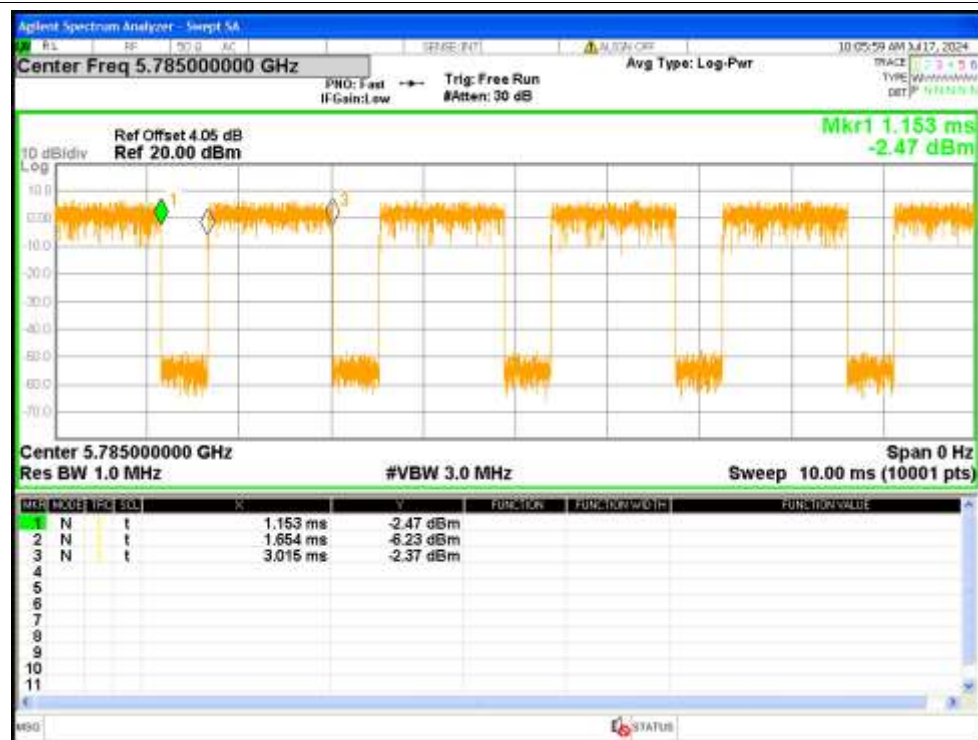
Duty Cycle NVNT a 5825MHz Ant1



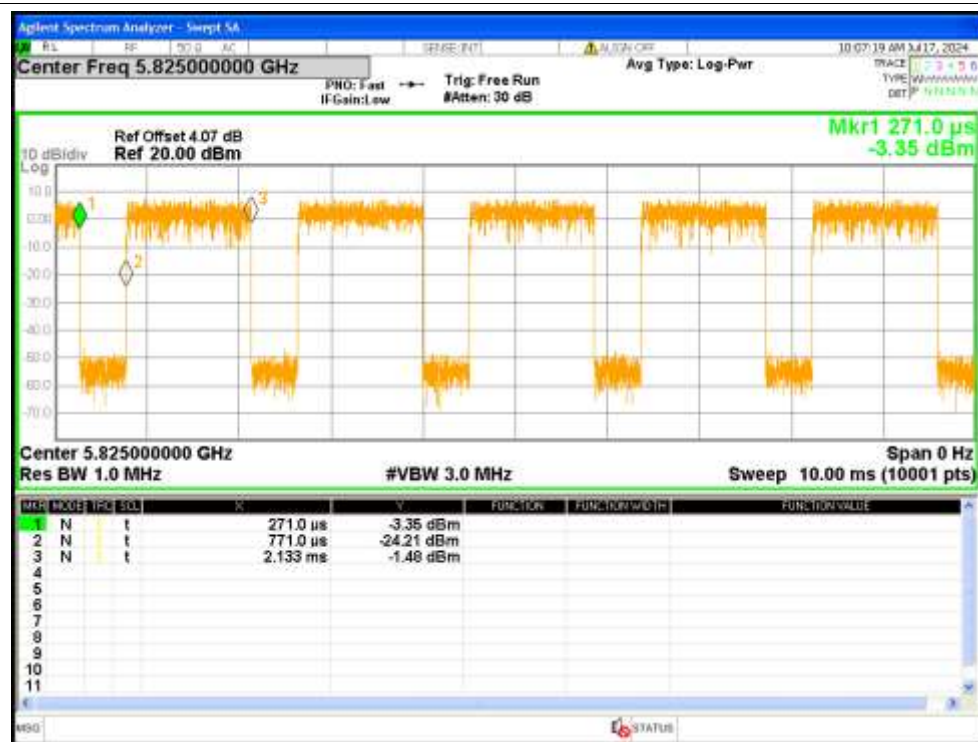
Duty Cycle NVNT a 5745MHz Ant2



Duty Cycle NVNT a 5785MHz Ant2



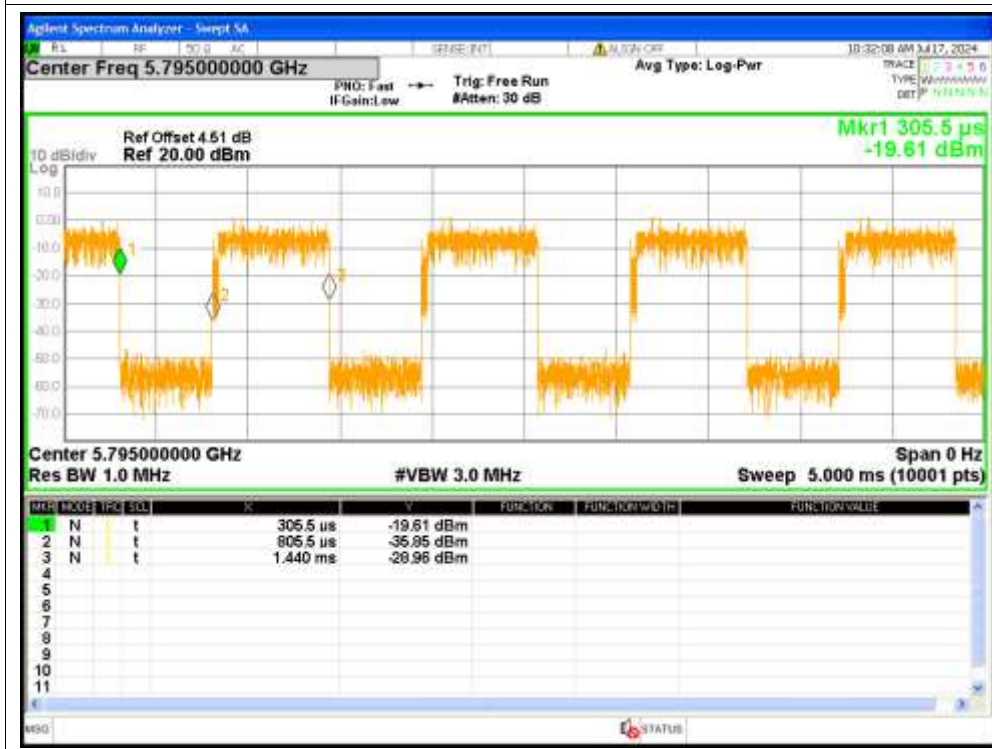
Duty Cycle NVNT a 5825MHz Ant2



Duty Cycle NVNT n20 5745MHz Sum

Duty Cycle NVNT n20 5825MHz Sum

Duty Cycle NVNT n40 5795MHz Sum

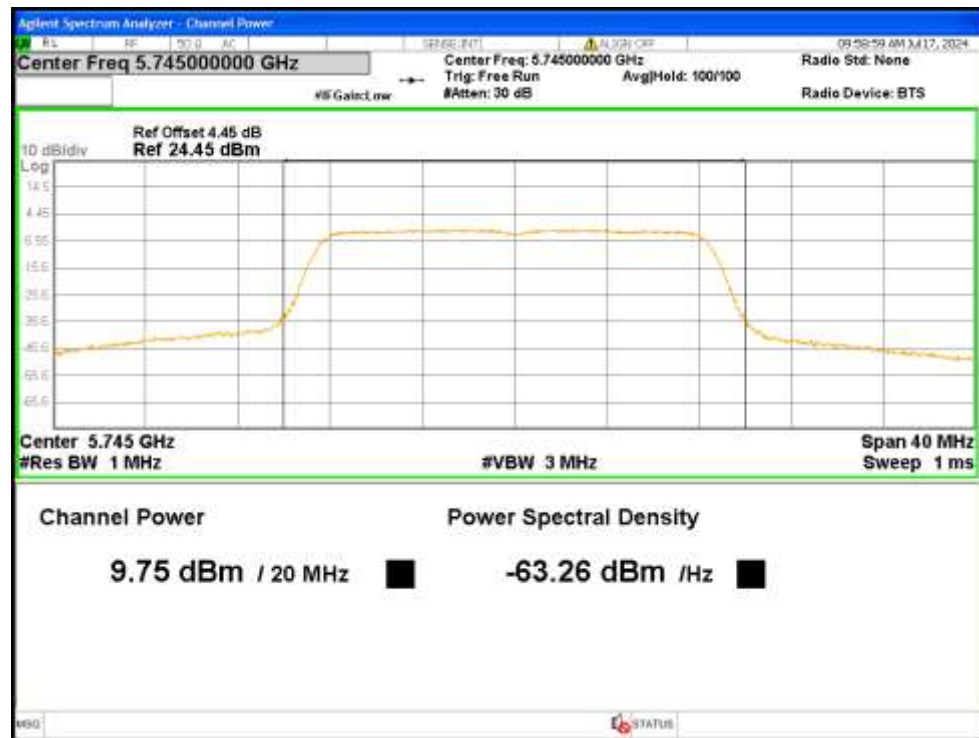


2. Maximum Conducted Output Power

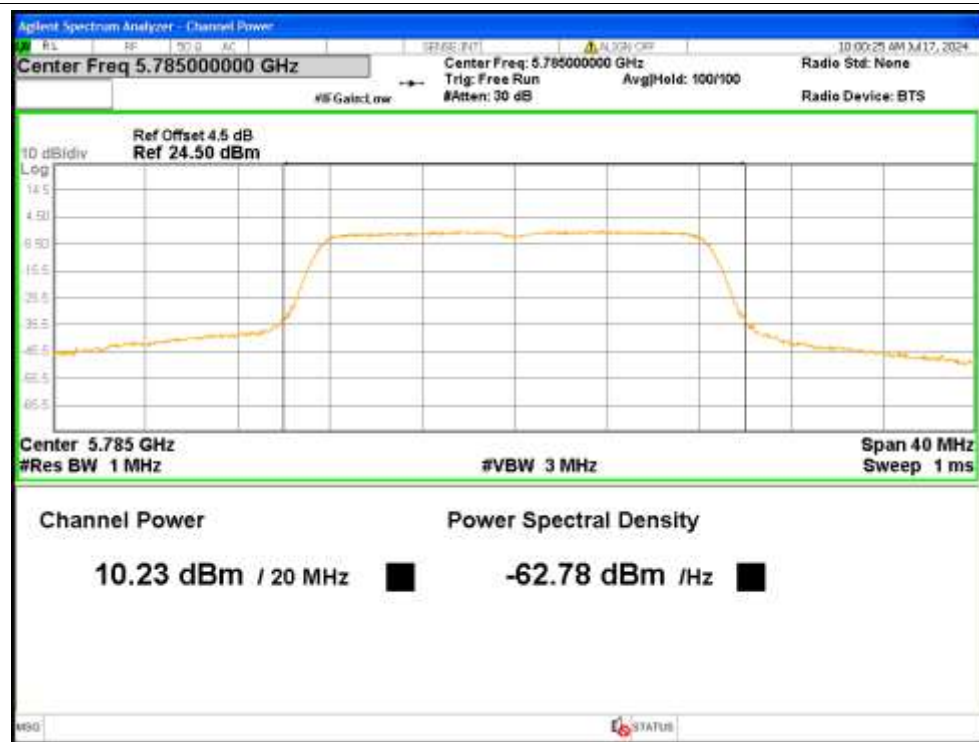
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.75	1.36	11.11	<=30	Pass
NVNT	a	5785	Ant1	10.23	1.36	11.59	<=30	Pass
NVNT	a	5825	Ant1	10.73	1.36	12.09	<=30	Pass
NVNT	a	5745	Ant2	10.16	1.36	11.52	<=30	Pass
NVNT	a	5785	Ant2	10.62	1.36	11.98	<=30	Pass
NVNT	a	5825	Ant2	11.49	1.36	12.85	<=30	Pass
NVNT	n20	5745	Ant1	9.11	1.44	10.55	<=30	Pass
NVNT	n20	5745	Ant2	9.72	1.44	11.16	<=30	Pass
NVNT	n20	5745	Sum	12.44	1.44	13.88	<=30	Pass
NVNT	n20	5785	Ant1	9.63	1.44	11.07	<=30	Pass
NVNT	n20	5785	Ant2	9.99	1.44	11.43	<=30	Pass
NVNT	n20	5785	Sum	12.82	1.44	14.26	<=30	Pass
NVNT	n20	5825	Ant1	9.57	1.44	11.01	<=30	Pass
NVNT	n20	5825	Ant2	10.62	1.44	12.06	<=30	Pass
NVNT	n20	5825	Sum	13.14	1.44	14.58	<=30	Pass
NVNT	n40	5755	Ant1	7.81	2.53	10.34	<=30	Pass
NVNT	n40	5755	Ant2	8.14	2.53	10.67	<=30	Pass
NVNT	n40	5755	Sum	10.99	2.53	13.52	<=30	Pass
NVNT	n40	5795	Ant1	8.25	2.52	10.77	<=30	Pass
NVNT	n40	5795	Ant2	8.98	2.52	11.5	<=30	Pass
NVNT	n40	5795	Sum	11.64	2.52	14.16	<=30	Pass

Test Graphs

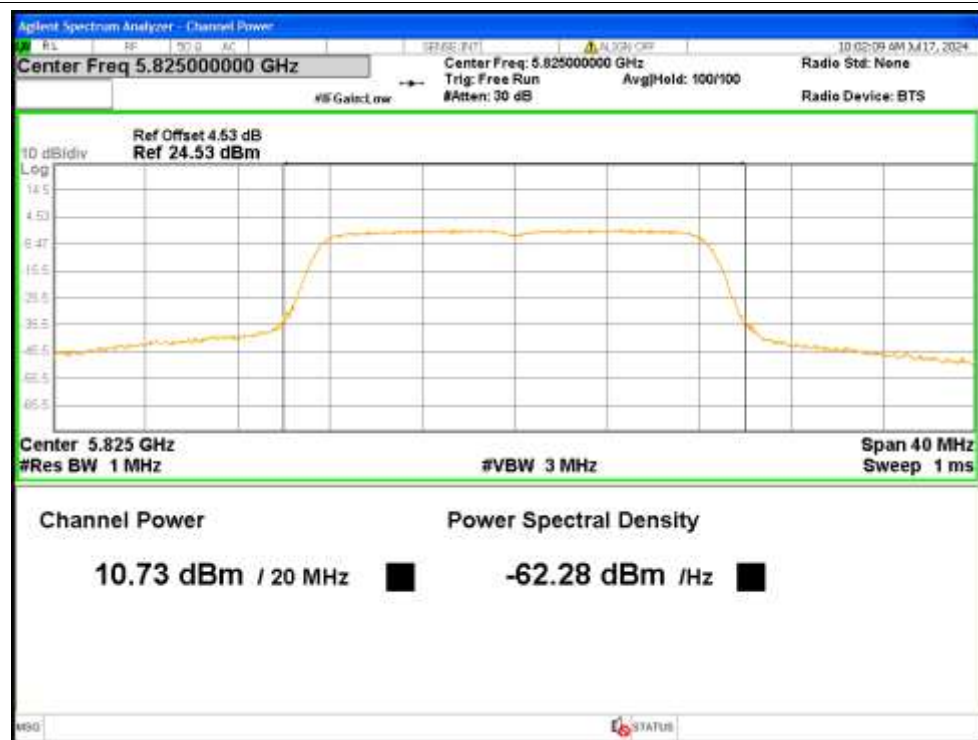
Power NVNT a 5745MHz Ant1



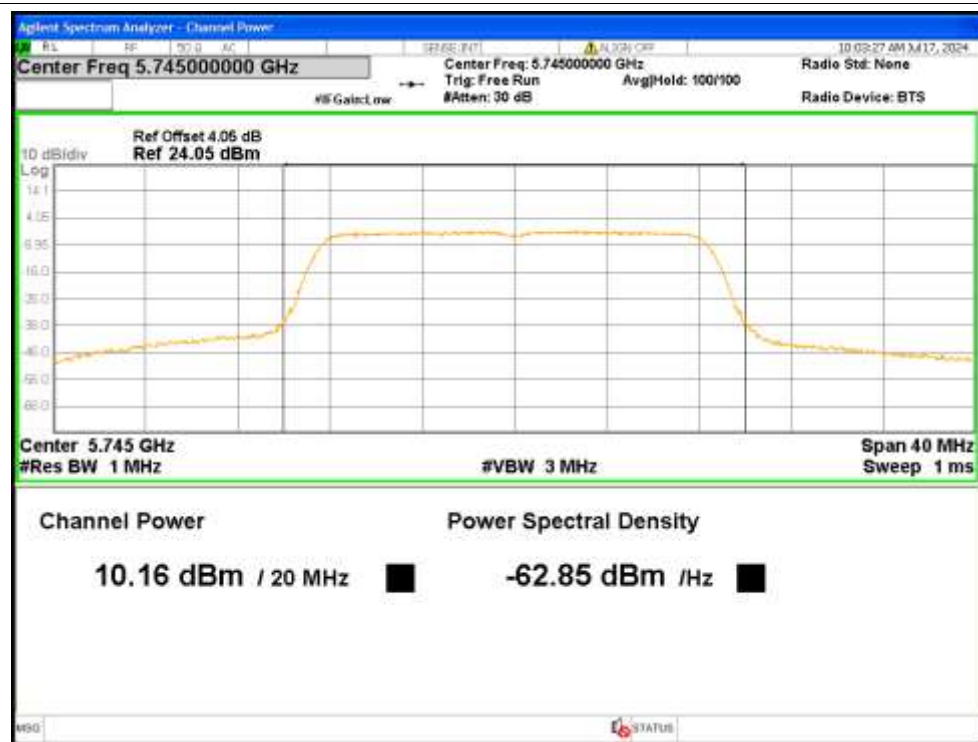
Power NVNT a 5785MHz Ant1



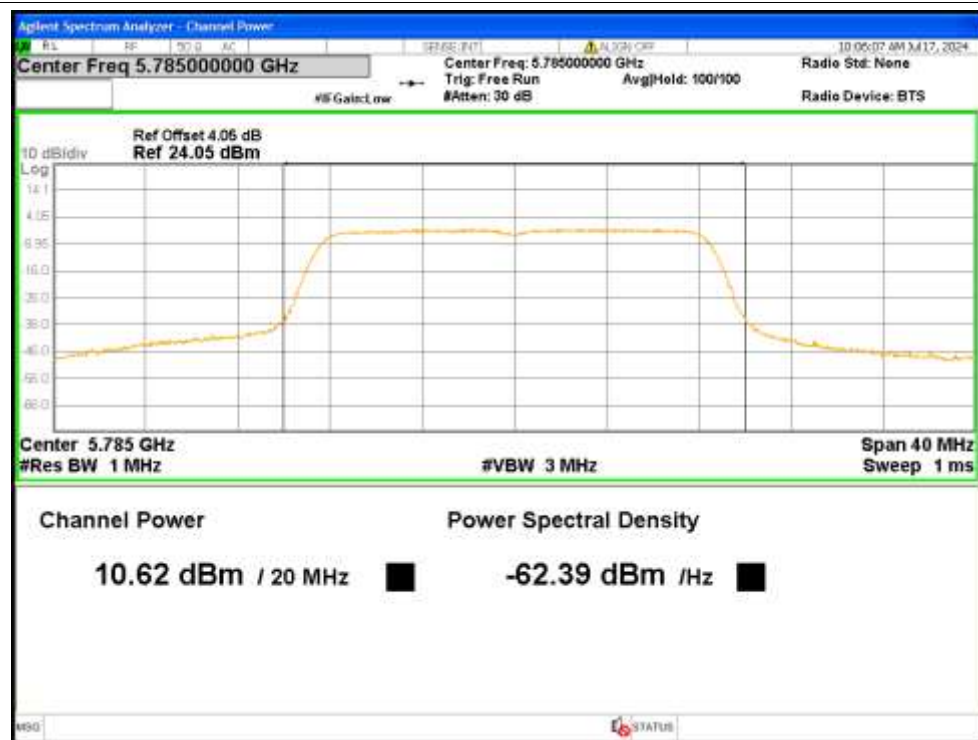
Power NVNT a 5825MHz Ant1



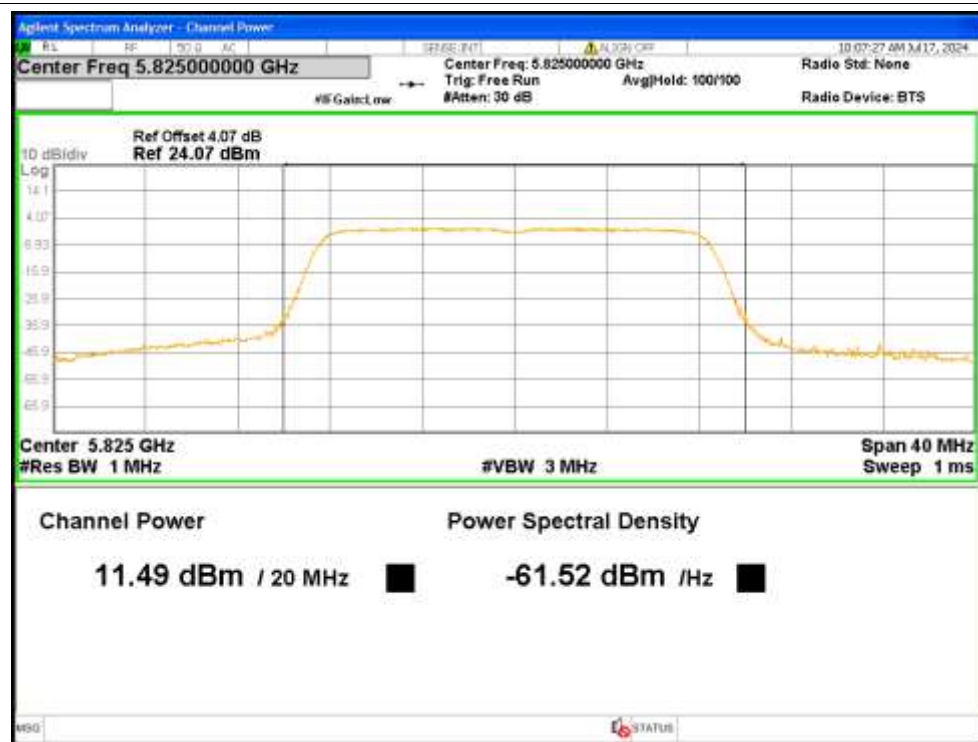
Power NVNT a 5745MHz Ant2



Power NVNT a 5785MHz Ant2



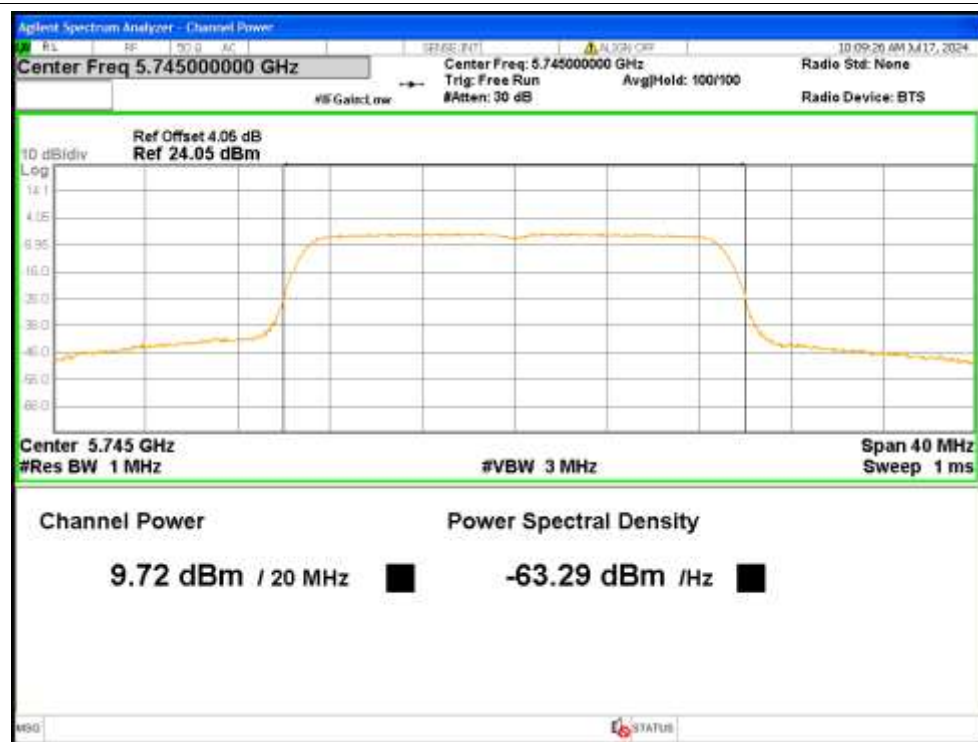
Power NVNT a 5825MHz Ant2



Power NVNT n20 5745MHz Ant1



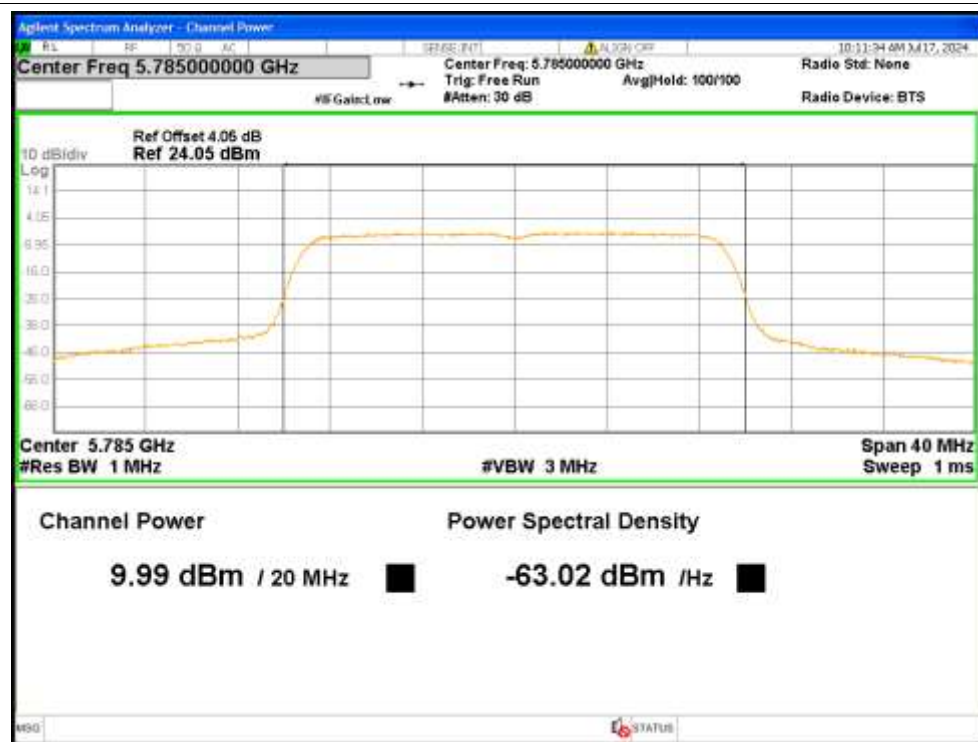
Power NVNT n20 5745MHz Ant2



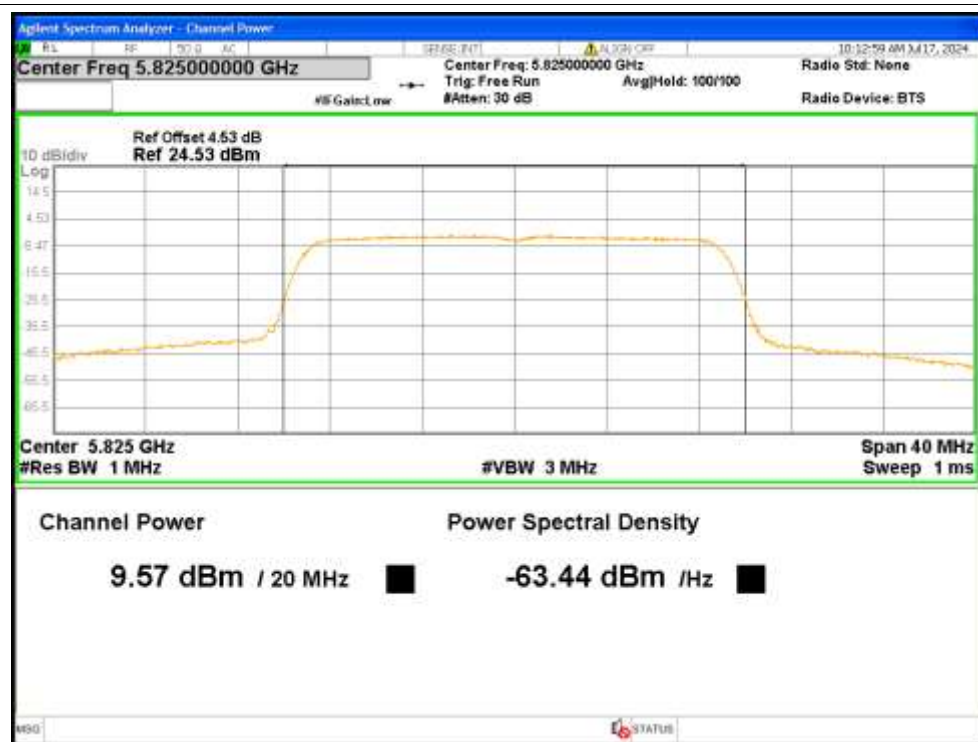
Power NVNT n20 5785MHz Ant1



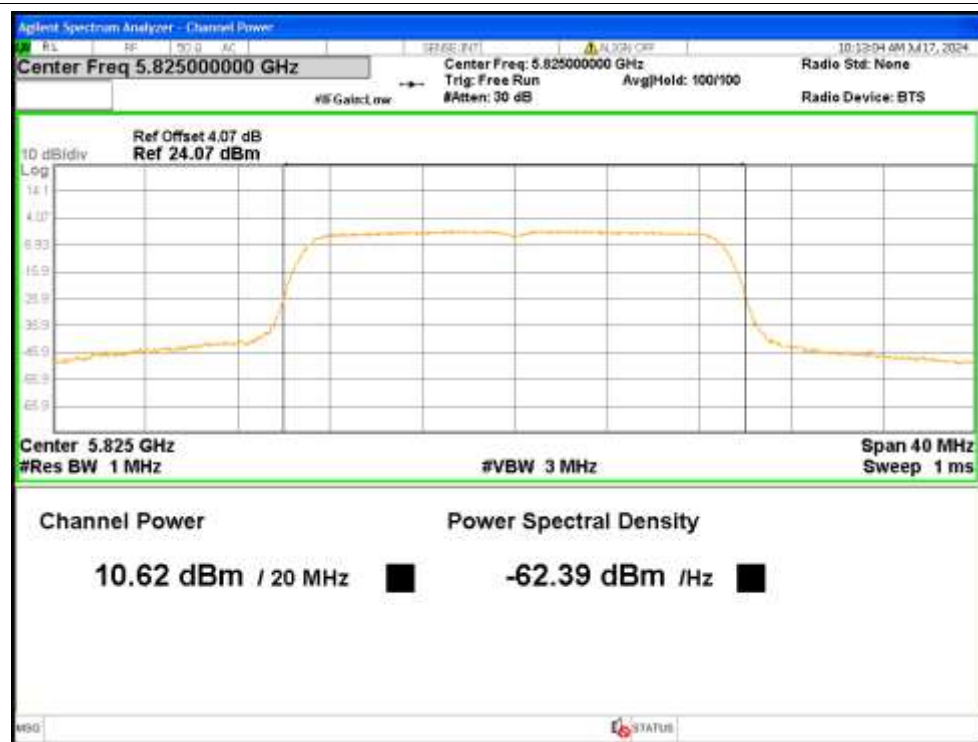
Power NVNT n20 5785MHz Ant2



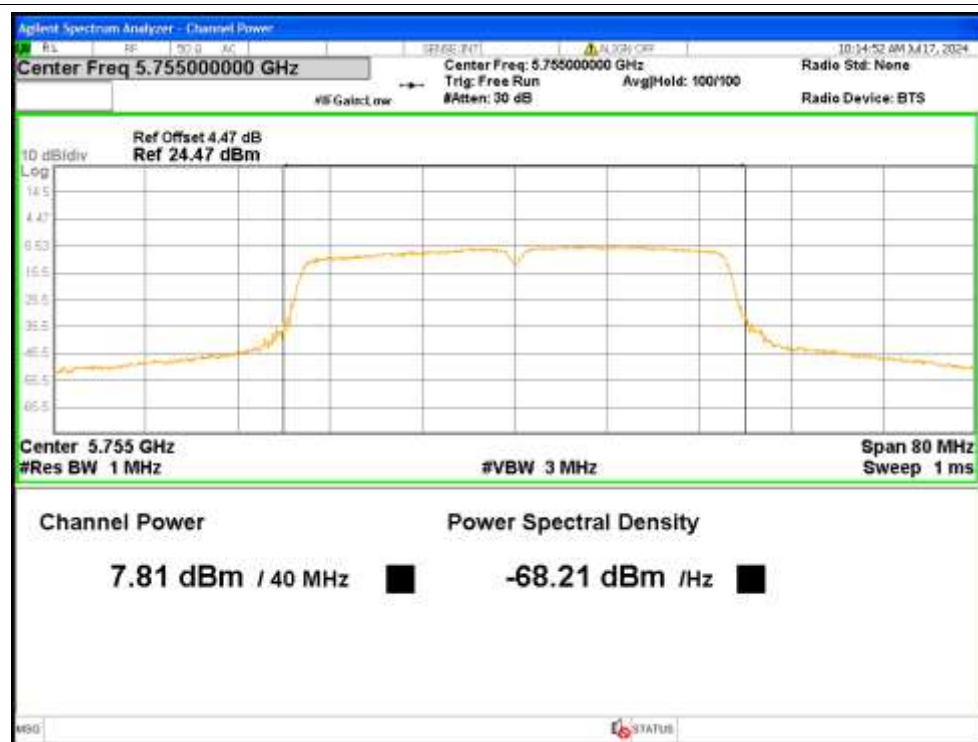
Power NVNT n20 5825MHz Ant1



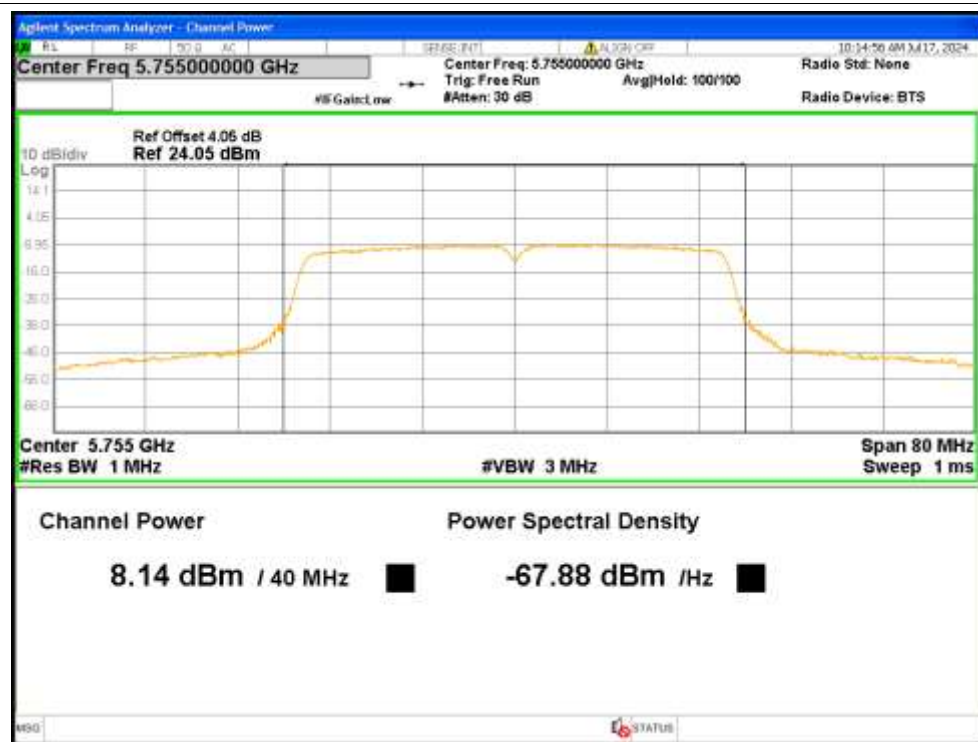
Power NVNT n20 5825MHz Ant2



Power NVNT n40 5755MHz Ant1



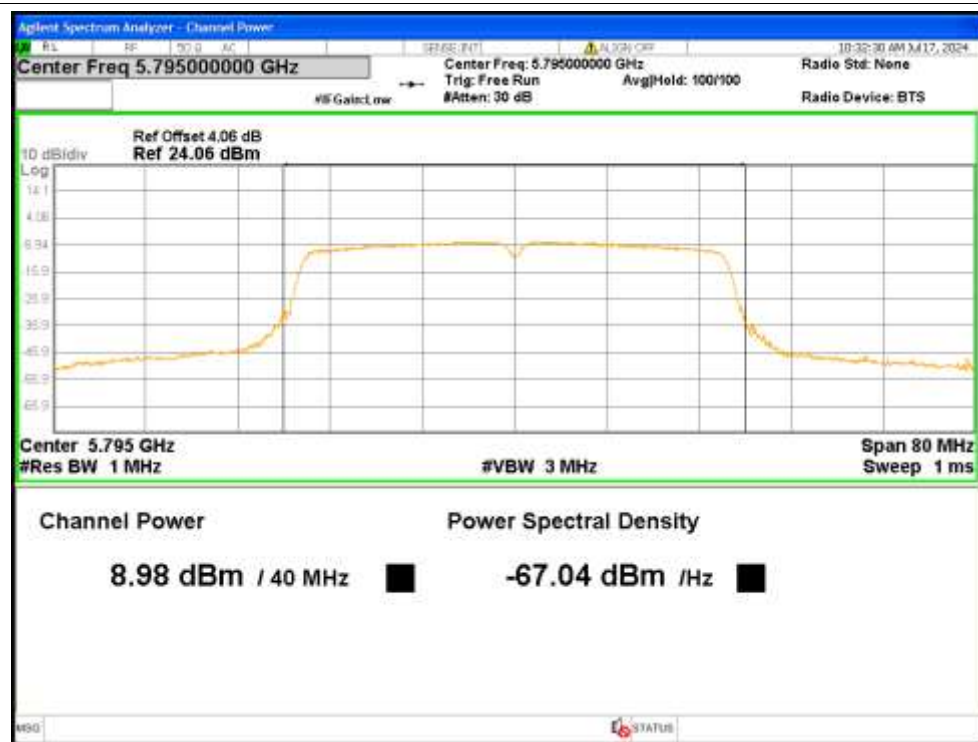
Power NVNT n40 5755MHz Ant2



Power NVNT n40 5795MHz Ant1



Power NVNT n40 5795MHz Ant2

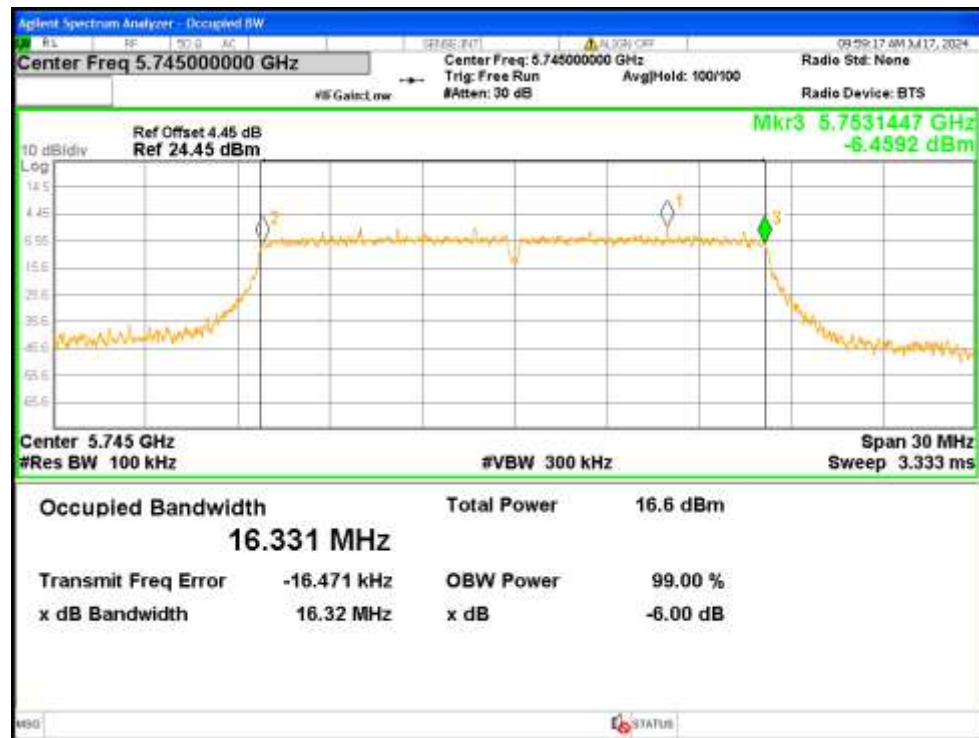


3. -6dB Bandwidth

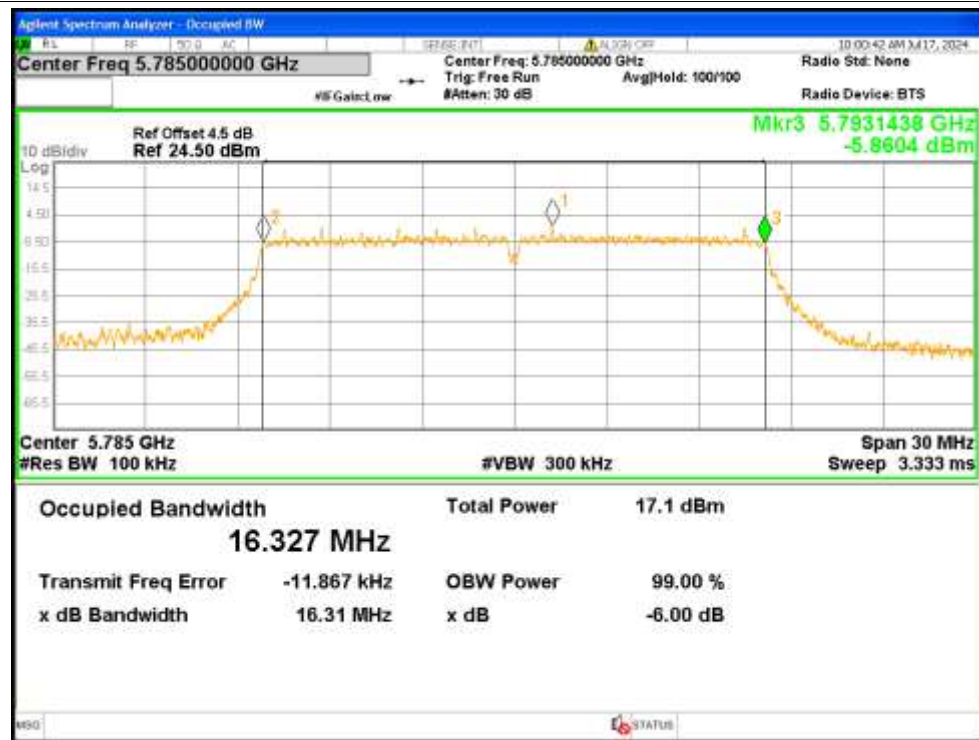
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.3223	≥ 0.5	Pass
NVNT	a	5785	Ant1	16.3113	≥ 0.5	Pass
NVNT	a	5825	Ant1	16.2829	≥ 0.5	Pass
NVNT	a	5745	Ant2	16.3174	≥ 0.5	Pass
NVNT	a	5785	Ant2	16.329	≥ 0.5	Pass
NVNT	a	5825	Ant2	16.3132	≥ 0.5	Pass
NVNT	n20	5745	Ant1	17.5513	≥ 0.5	Pass
NVNT	n20	5745	Ant2	17.5533	≥ 0.5	Pass
NVNT	n20	5785	Ant1	17.5356	≥ 0.5	Pass
NVNT	n20	5785	Ant2	17.1795	≥ 0.5	Pass
NVNT	n20	5825	Ant1	16.8068	≥ 0.5	Pass
NVNT	n20	5825	Ant2	17.5691	≥ 0.5	Pass
NVNT	n40	5755	Ant1	34.1216	≥ 0.5	Pass
NVNT	n40	5755	Ant2	35.1274	≥ 0.5	Pass
NVNT	n40	5795	Ant1	34.1873	≥ 0.5	Pass
NVNT	n40	5795	Ant2	35.0867	≥ 0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



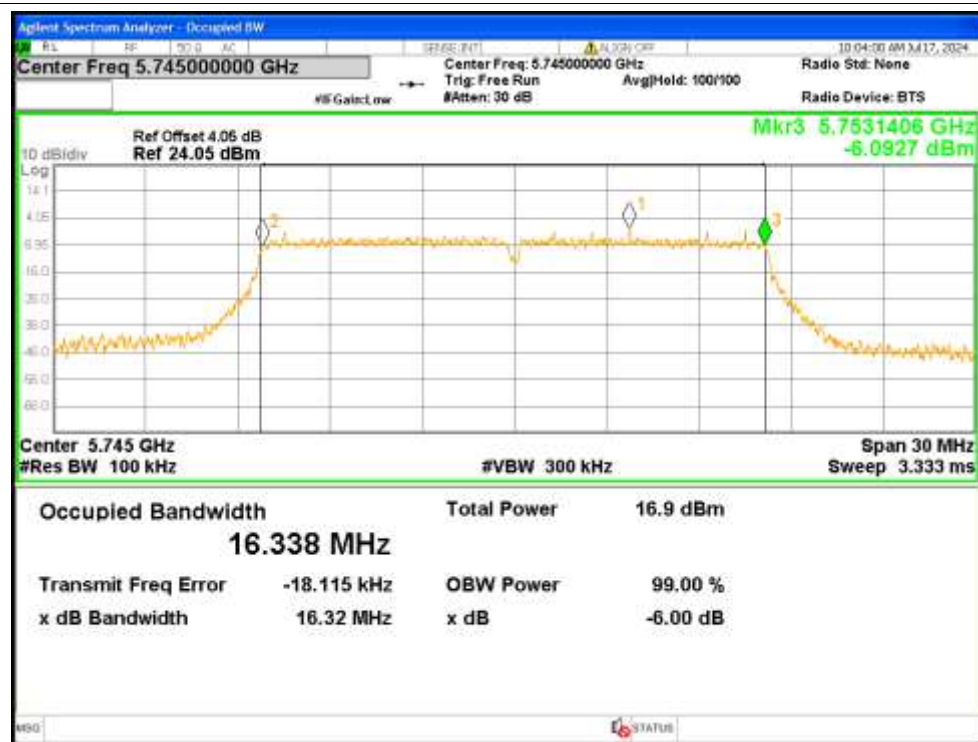
-6dB Bandwidth NVNT a 5785MHz Ant1

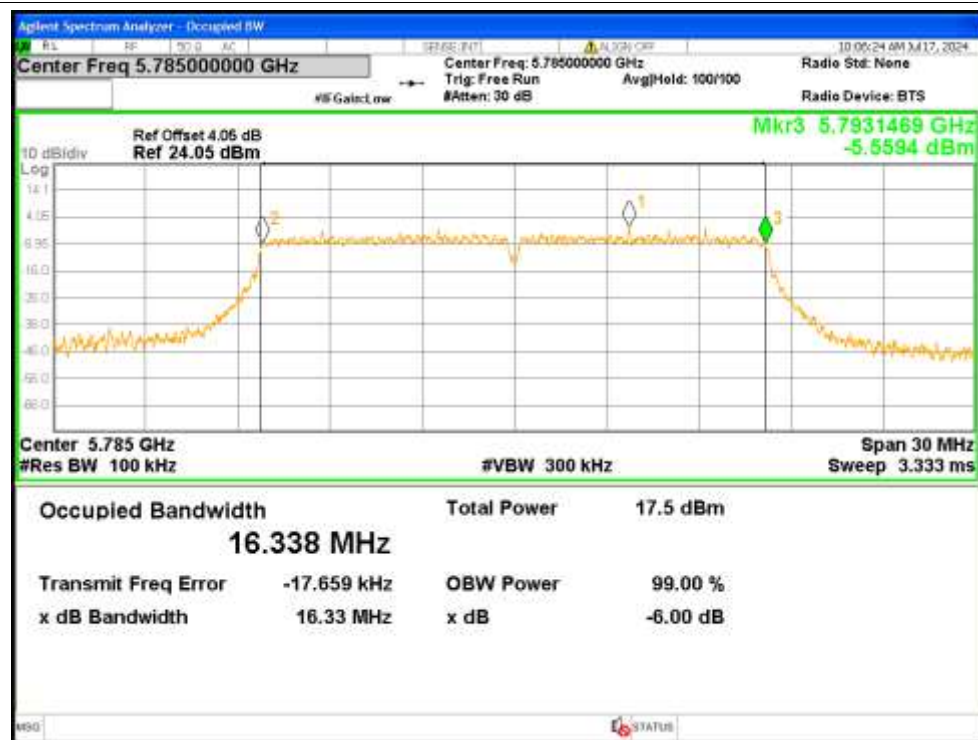
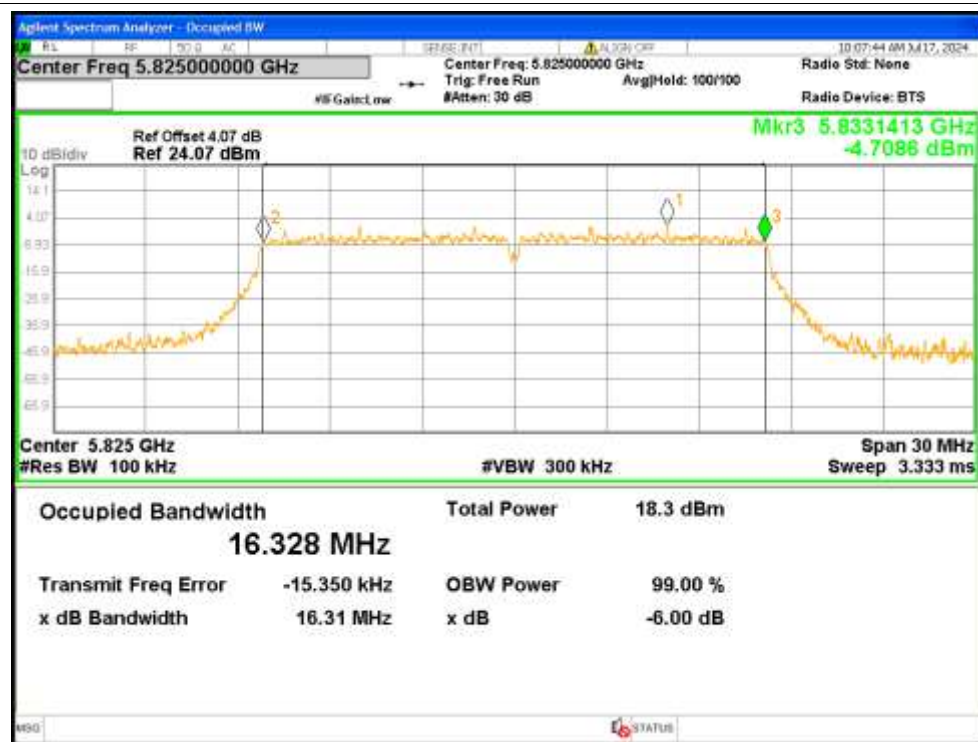


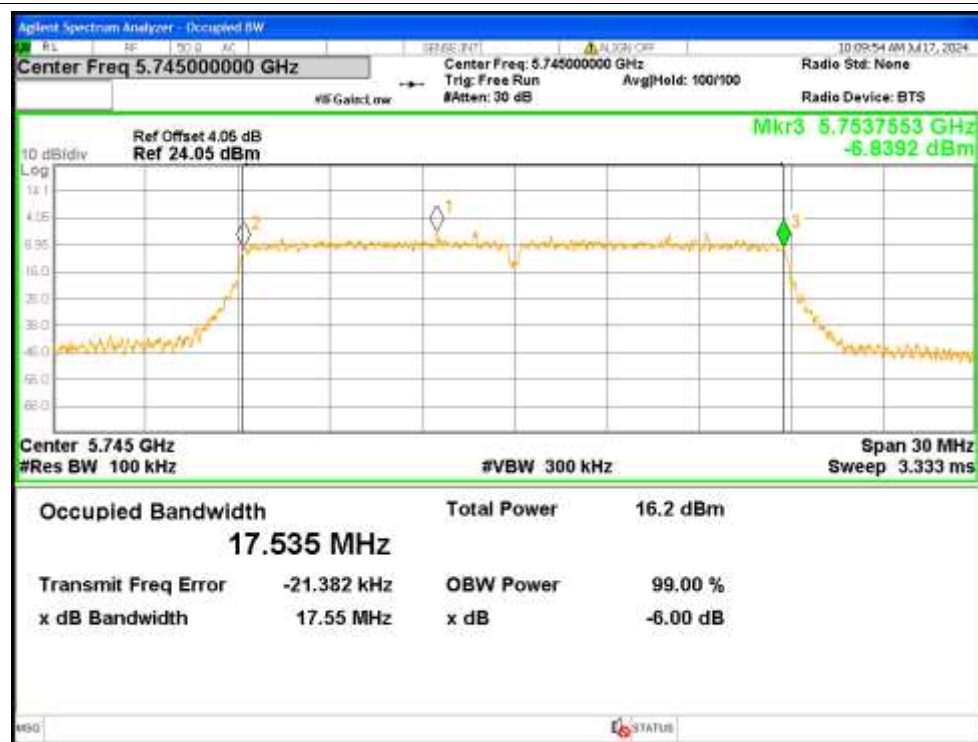
-6dB Bandwidth NVNT a 5825MHz Ant1

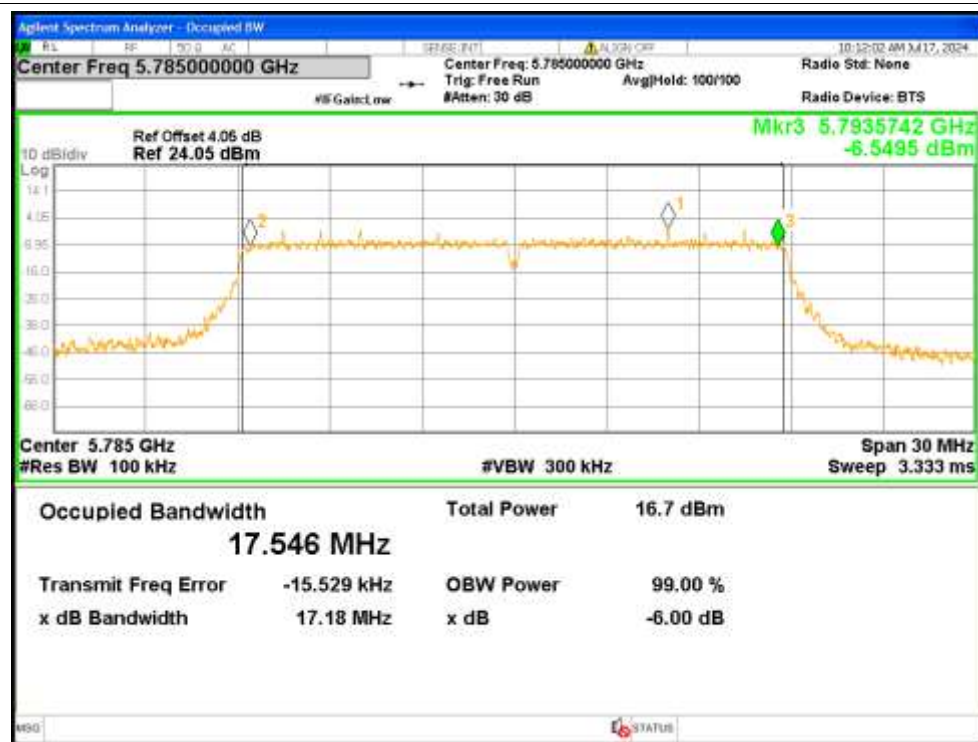


-6dB Bandwidth NVNT a 5745MHz Ant2



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

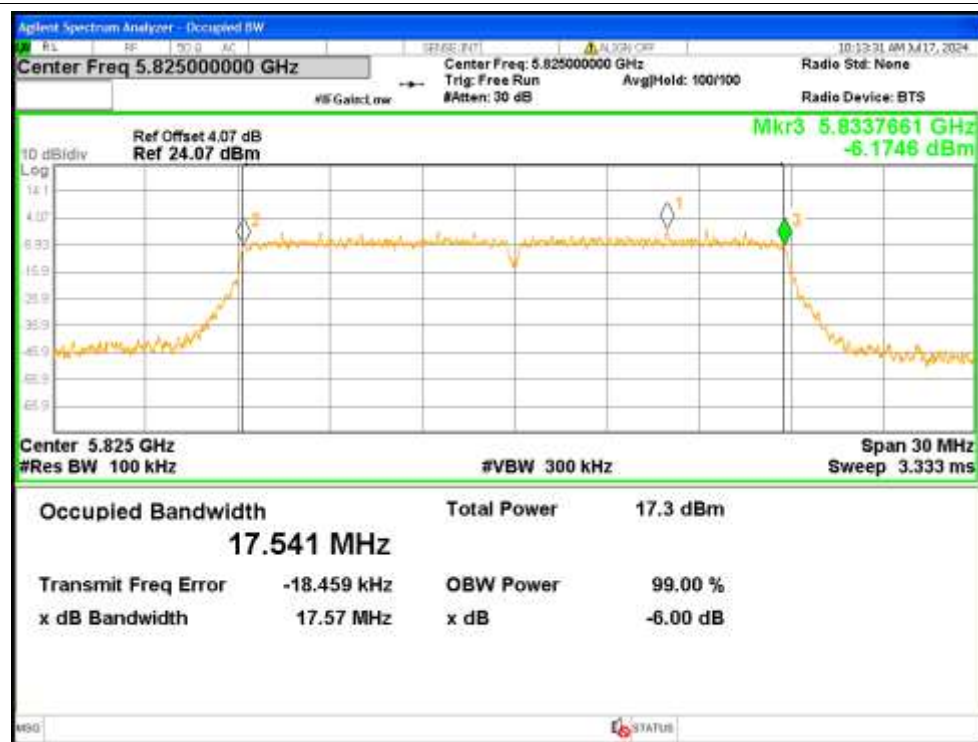
-6dB Bandwidth NVNT n20 5745MHz Ant1**-6dB Bandwidth NVNT n20 5745MHz Ant2**

-6dB Bandwidth NVNT n20 5785MHz Ant1**-6dB Bandwidth NVNT n20 5785MHz Ant2**

-6dB Bandwidth NVNT n20 5825MHz Ant1

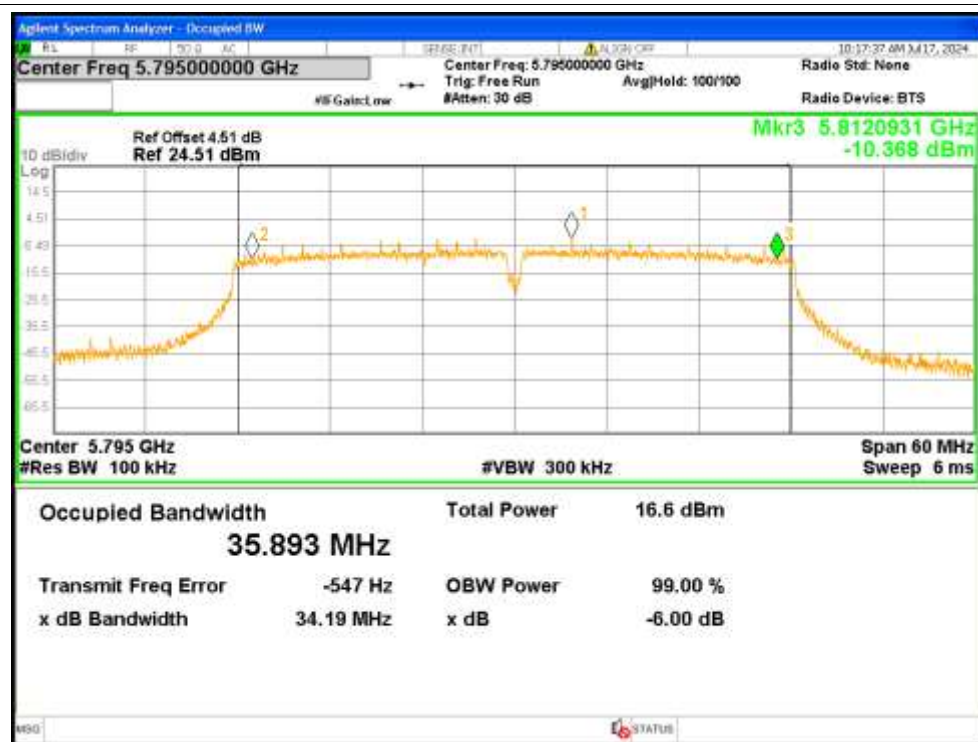


-6dB Bandwidth NVNT n20 5825MHz Ant2



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

-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant2

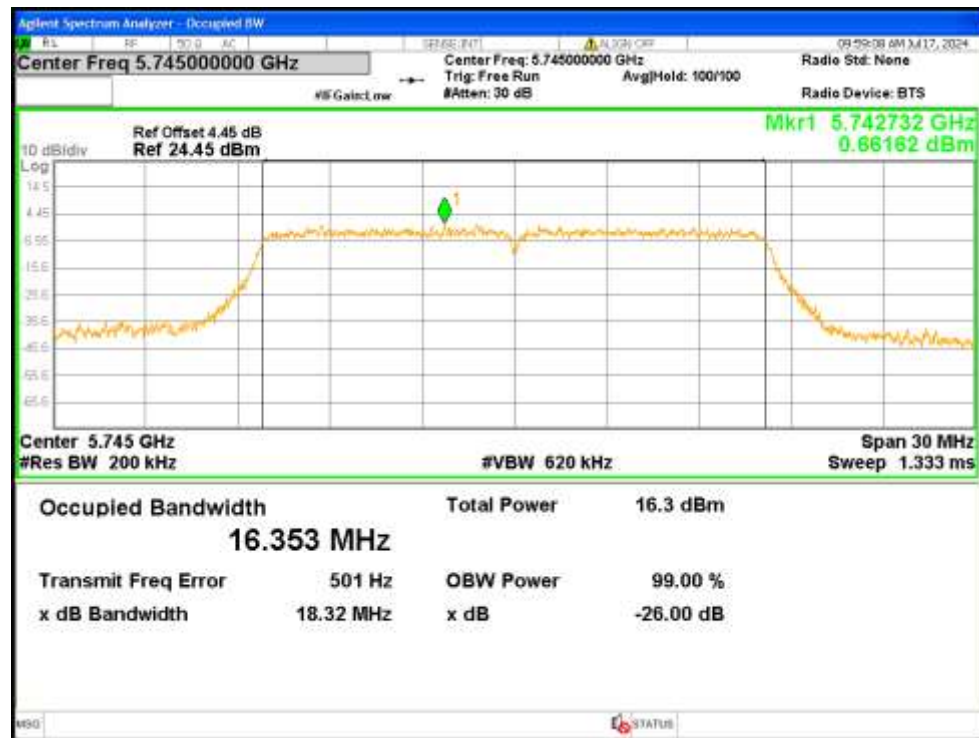


4. Occupied Channel Bandwidth

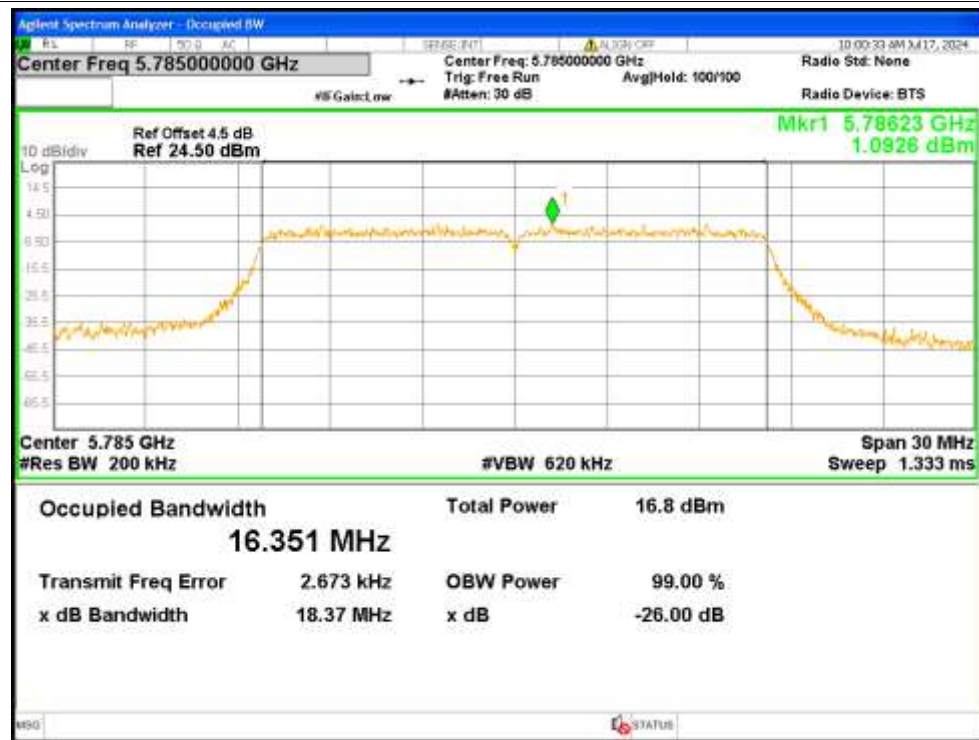
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.3527
NVNT	a	5785	Ant1	16.3512
NVNT	a	5825	Ant1	16.3438
NVNT	a	5745	Ant2	16.3352
NVNT	a	5785	Ant2	16.3427
NVNT	a	5825	Ant2	16.3422
NVNT	n20	5745	Ant1	17.5388
NVNT	n20	5745	Ant2	17.5393
NVNT	n20	5785	Ant1	17.5395
NVNT	n20	5785	Ant2	17.5322
NVNT	n20	5825	Ant1	17.5167
NVNT	n20	5825	Ant2	17.5278
NVNT	n40	5755	Ant1	36.0613
NVNT	n40	5755	Ant2	36.052
NVNT	n40	5795	Ant1	36.0465
NVNT	n40	5795	Ant2	35.9917

Test Graphs

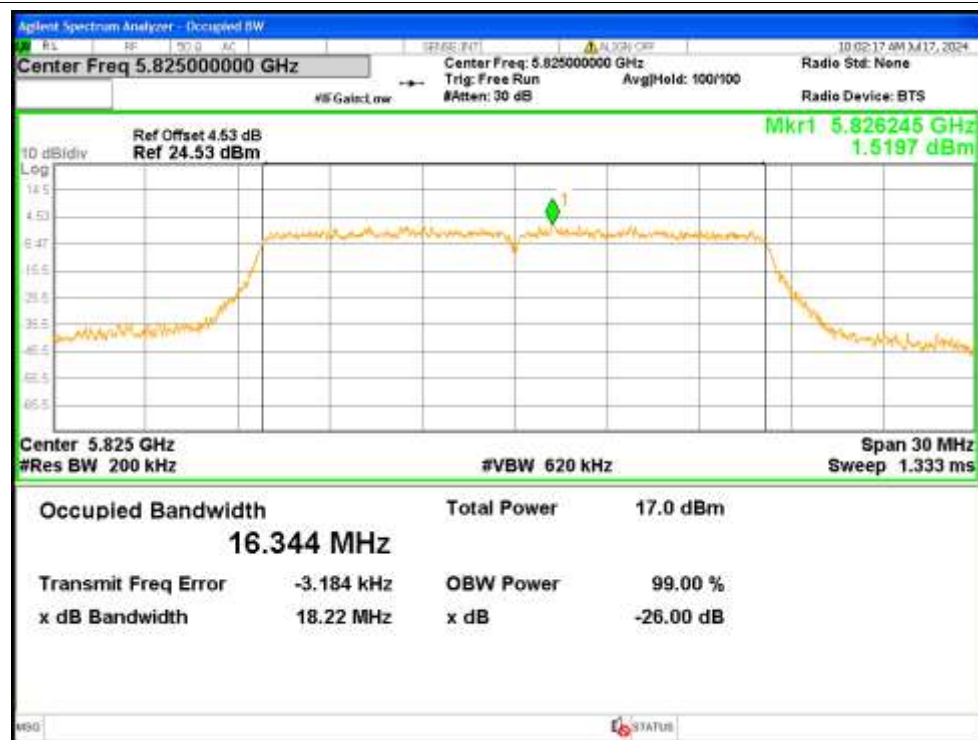
OBW NVNT a 5745MHz Ant1



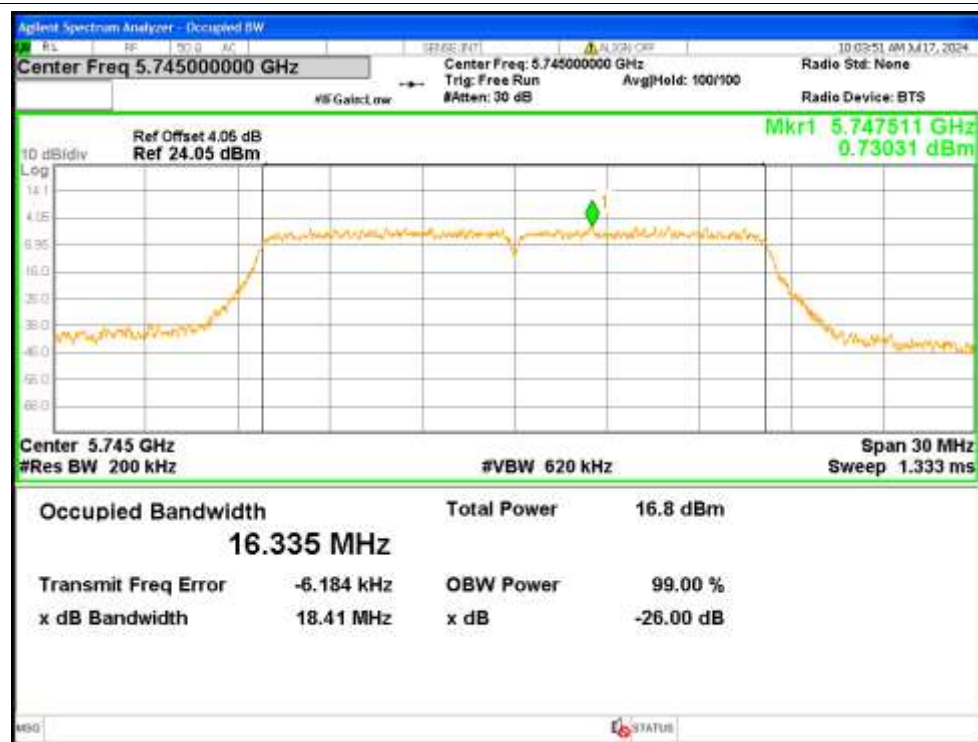
OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1



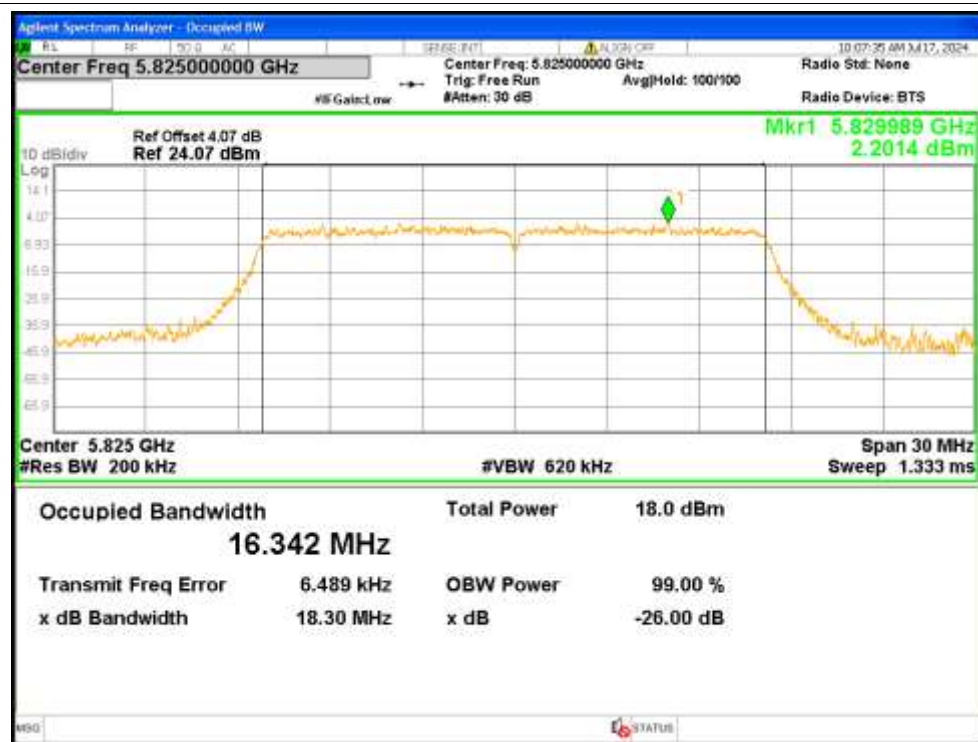
OBW NVNT a 5745MHz Ant2



OBW NVNT a 5785MHz Ant2



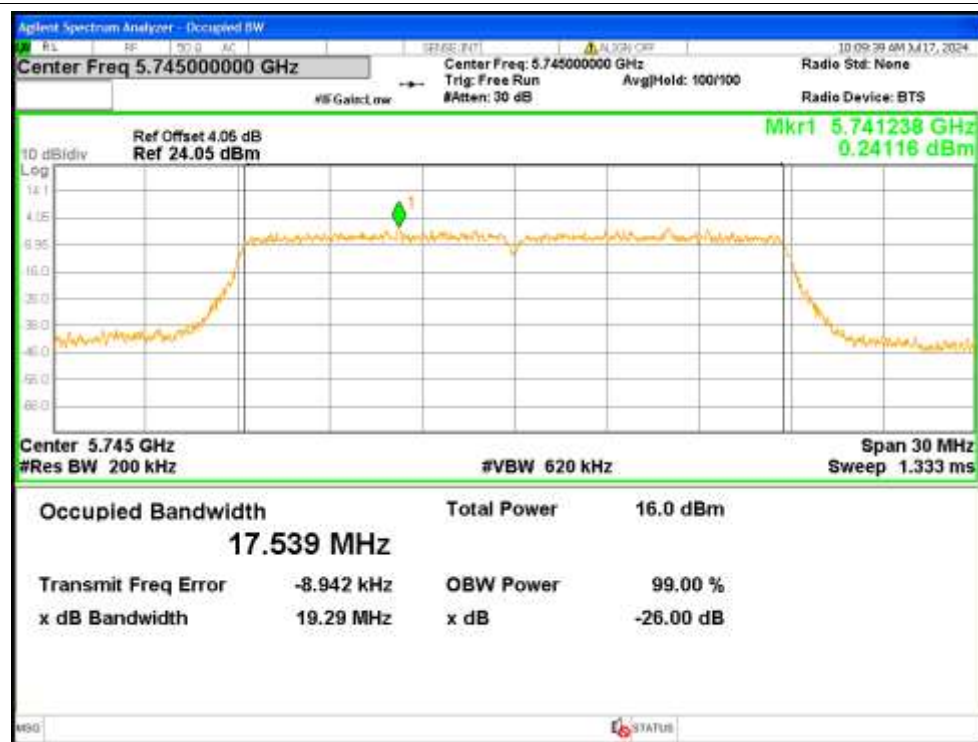
OBW NVNT a 5825MHz Ant2



OBW NVNT n20 5745MHz Ant1



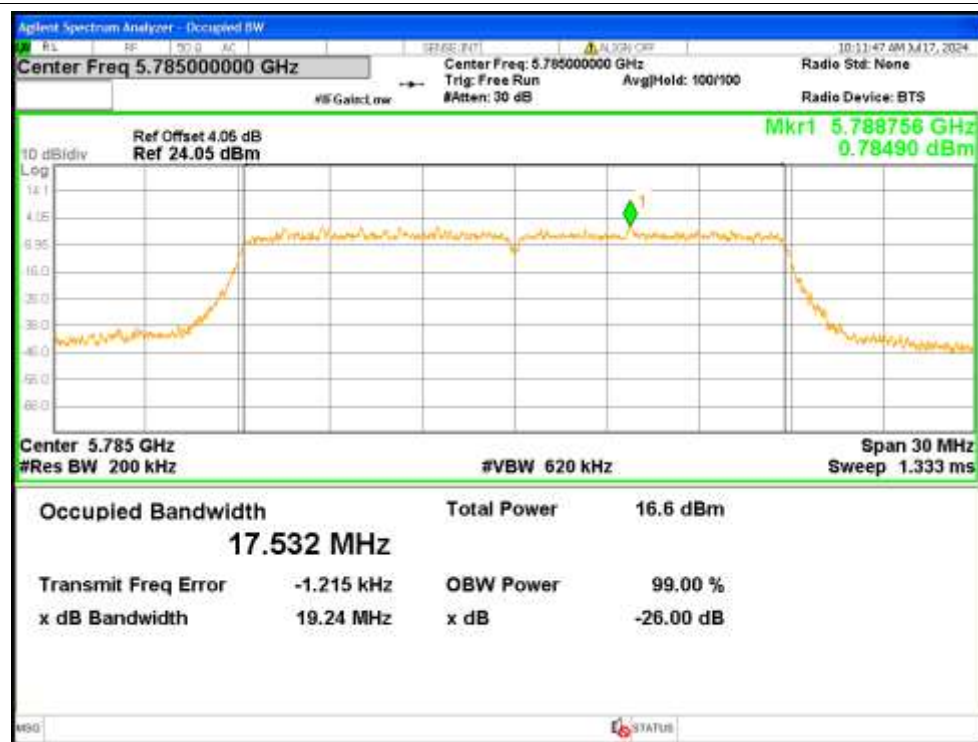
OBW NVNT n20 5745MHz Ant2



OBW NVNT n20 5785MHz Ant1



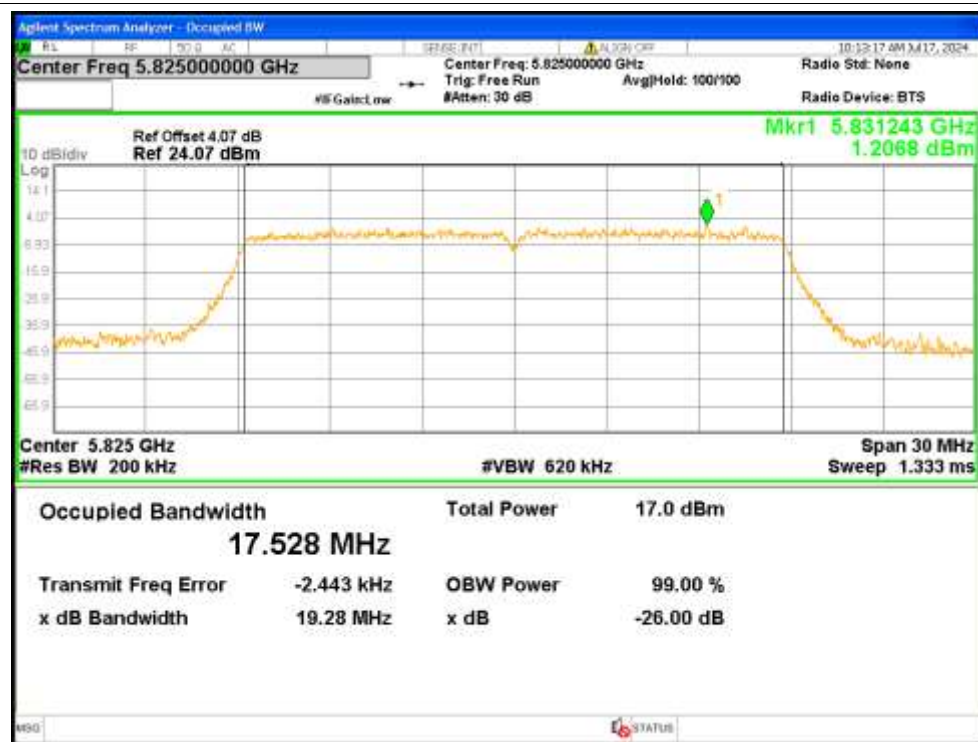
OBW NVNT n20 5785MHz Ant2



OBW NVNT n20 5825MHz Ant1



OBW NVNT n20 5825MHz Ant2



OBW NVNT n40 5755MHz Ant1



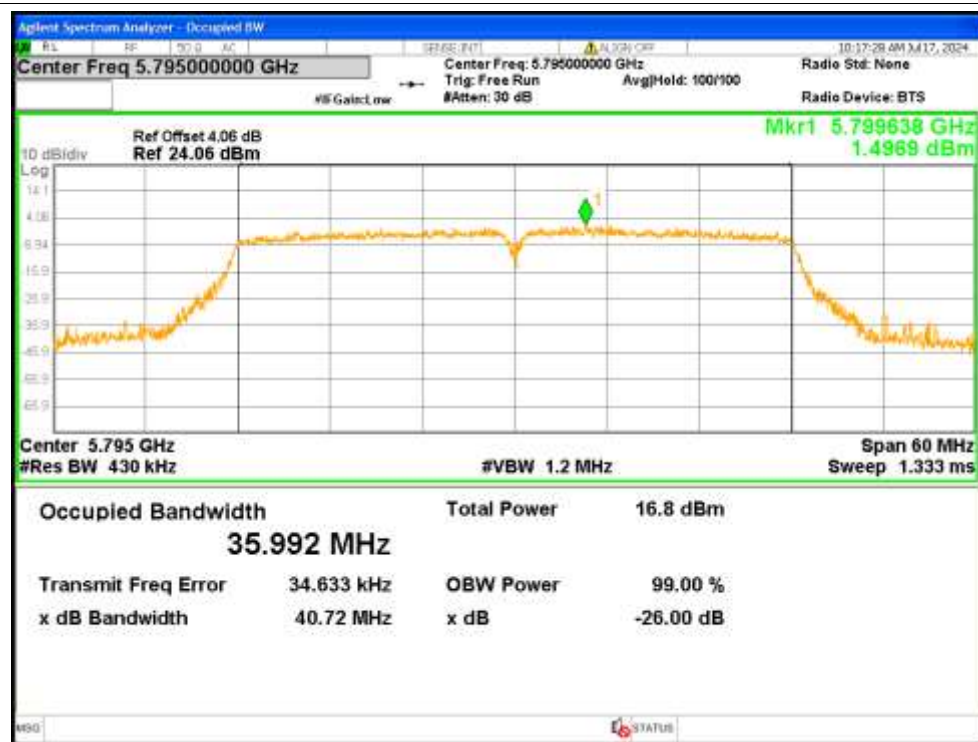
OBW NVNT n40 5755MHz Ant2



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	-3.796	1.36	-2.436	<=30	Pass
NVNT	a	5785	Ant1	-3.323	1.36	-1.963	<=30	Pass
NVNT	a	5825	Ant1	-2.928	1.36	-1.568	<=30	Pass
NVNT	a	5745	Ant2	-3.285	1.36	-1.925	<=30	Pass
NVNT	a	5785	Ant2	-2.859	1.36	-1.499	<=30	Pass
NVNT	a	5825	Ant2	-2.032	1.36	-0.672	<=30	Pass
NVNT	n20	5745	Ant1	-5.05	1.44	-3.61	<=30	Pass
NVNT	n20	5745	Ant2	-4.367	1.44	-2.927	<=30	Pass
NVNT	n20	5745	Sum	-1.685	1.44	-0.245	<=30	Pass
NVNT	n20	5785	Ant1	-4.443	1.44	-3.003	<=30	Pass
NVNT	n20	5785	Ant2	-3.924	1.44	-2.484	<=30	Pass
NVNT	n20	5785	Sum	-1.165	1.44	0.275	<=30	Pass
NVNT	n20	5825	Ant1	-4.107	1.44	-2.667	<=30	Pass
NVNT	n20	5825	Ant2	-3.086	1.44	-1.646	<=30	Pass
NVNT	n20	5825	Sum	-0.556	1.44	0.884	<=30	Pass
NVNT	n40	5755	Ant1	-8.033	2.53	-5.503	<=30	Pass
NVNT	n40	5755	Ant2	-8.136	2.53	-5.606	<=30	Pass
NVNT	n40	5755	Sum	-5.074	2.53	-2.544	<=30	Pass
NVNT	n40	5795	Ant1	-7.735	2.52	-5.215	<=30	Pass
NVNT	n40	5795	Ant2	-6.78	2.52	-4.26	<=30	Pass
NVNT	n40	5795	Sum	-4.221	2.52	-1.701	<=30	Pass

Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1

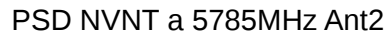


PSD NVNT a 5825MHz Ant1



PSD NVNT a 5745MHz Ant2





PSD NVNT 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



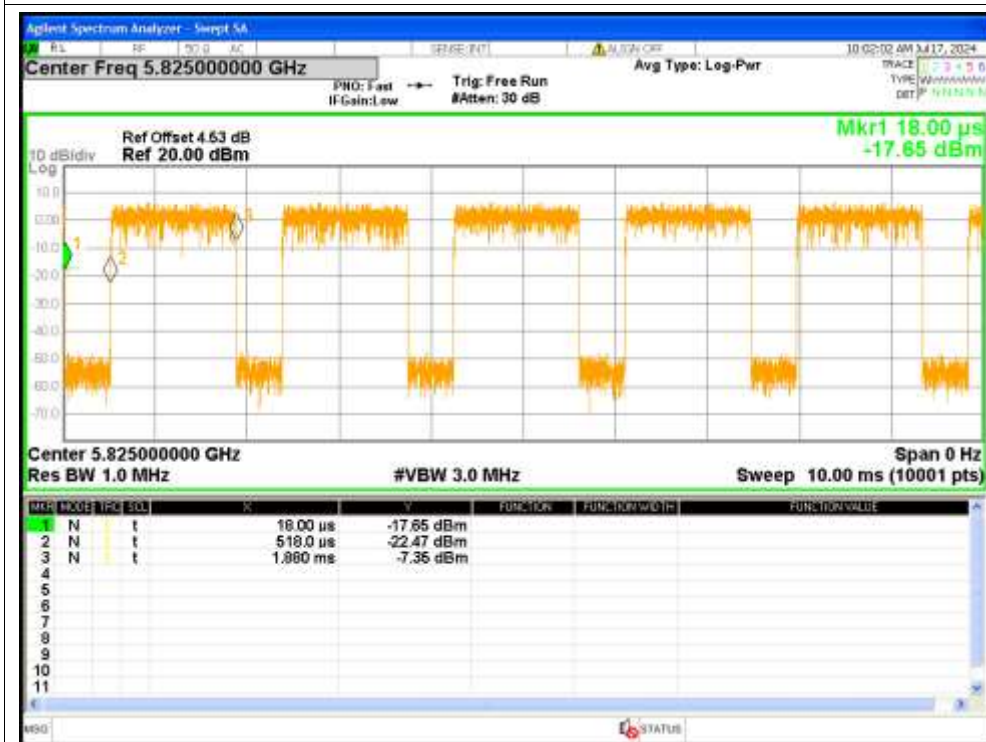
PSD NVNT n40 5795MHz Ant2



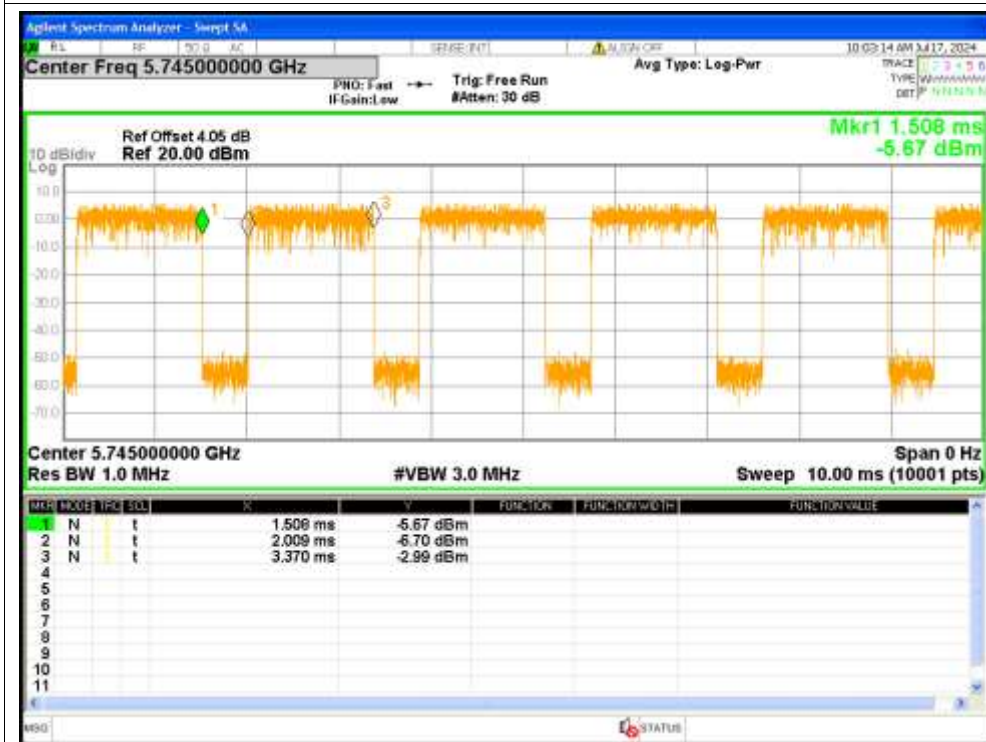
ANT B**1. Duty Cycle**

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	73.09	1.36	0.73
NVNT	a	5785	Ant1	73.09	1.36	0.73
NVNT	a	5825	Ant1	73.15	1.36	0.73
NVNT	a	5745	Ant2	73.09	1.36	0.73
NVNT	a	5785	Ant2	73.09	1.36	0.73
NVNT	a	5825	Ant2	73.15	1.36	0.73
NVNT	n20	5745	Sum	71.77	1.44	0.78
NVNT	n20	5785	Sum	71.82	1.44	0.78
NVNT	n20	5825	Sum	71.76	1.44	0.79
NVNT	n40	5755	Sum	55.91	2.53	1.58
NVNT	n40	5795	Sum	55.93	2.52	1.58

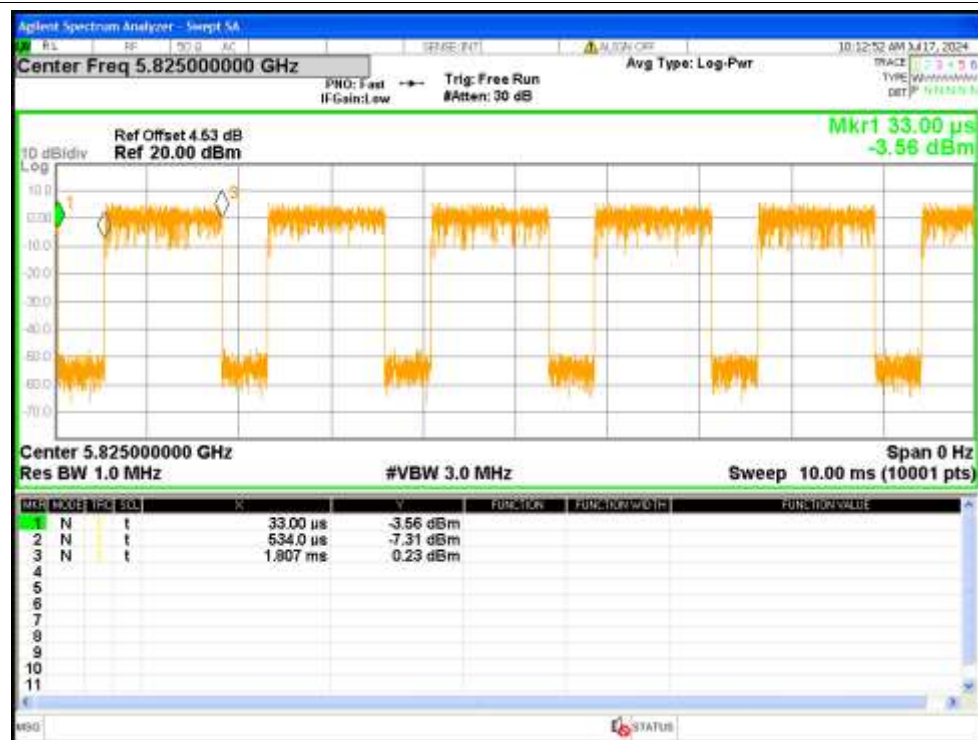
Duty Cycle NVNT a 5825MHz Ant1



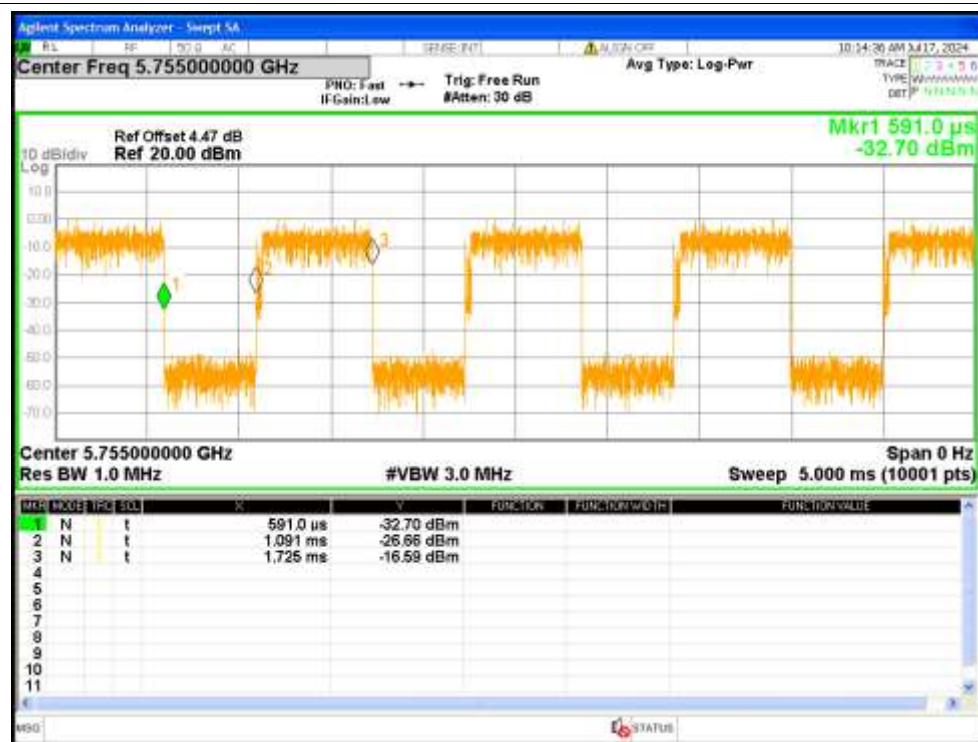
Duty Cycle NVNT a 5745MHz Ant2



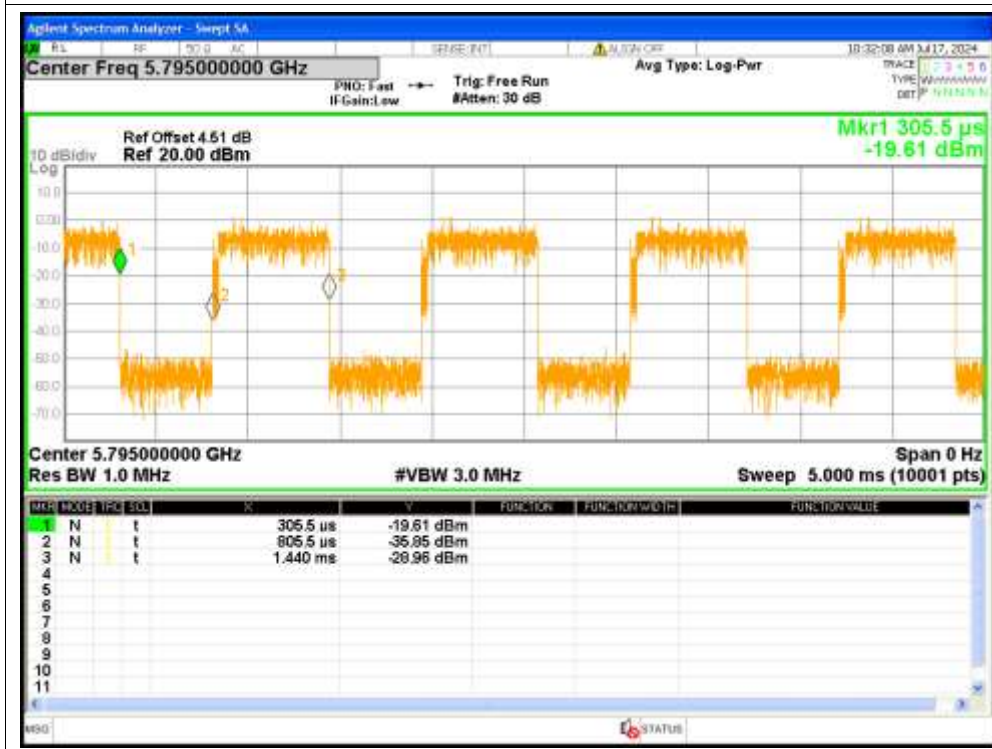
Duty Cycle NVNT n20 5825MHz Sum



Duty Cycle NVNT n40 5755MHz Sum



Duty Cycle NVNT n40 5795MHz Sum

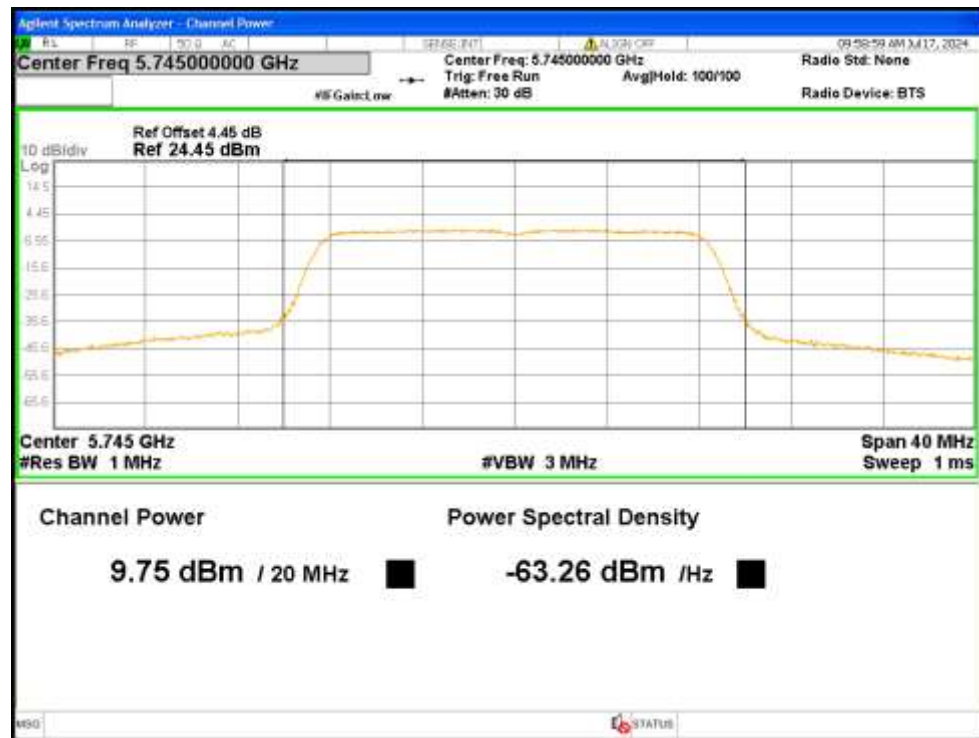


2. Maximum Conducted Output Power

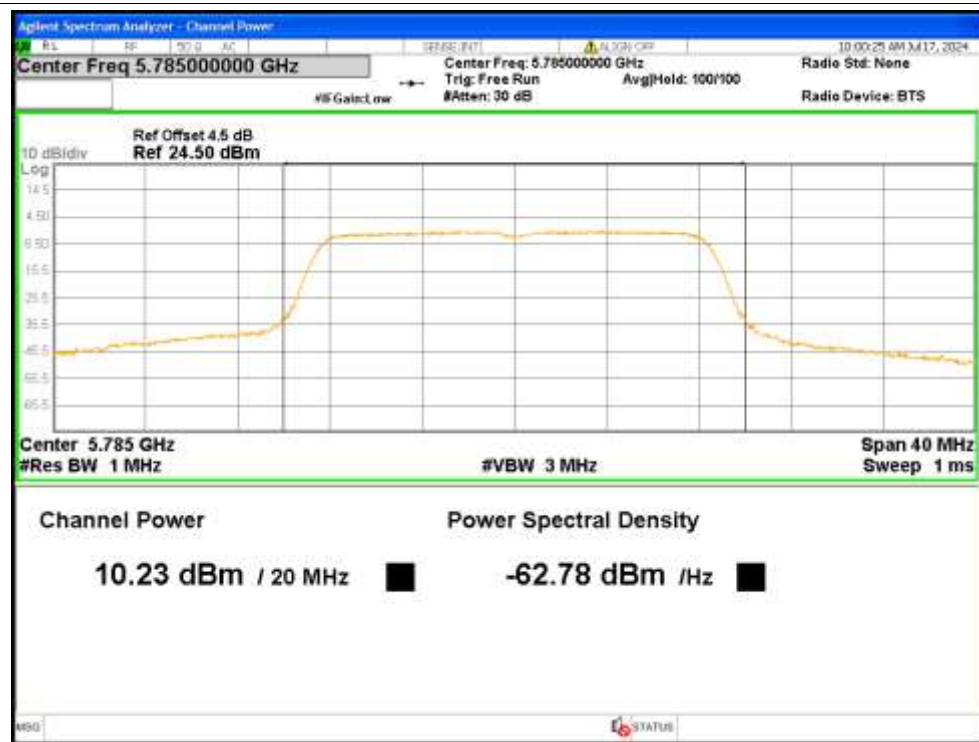
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	9.75	1.36	11.11	<=30	Pass
NVNT	a	5785	Ant1	10.23	1.36	11.59	<=30	Pass
NVNT	a	5825	Ant1	10.73	1.36	12.09	<=30	Pass
NVNT	a	5745	Ant2	10.16	1.36	11.52	<=30	Pass
NVNT	a	5785	Ant2	10.62	1.36	11.98	<=30	Pass
NVNT	a	5825	Ant2	11.49	1.36	12.85	<=30	Pass
NVNT	n20	5745	Ant1	9.11	1.44	10.55	<=30	Pass
NVNT	n20	5745	Ant2	9.72	1.44	11.16	<=30	Pass
NVNT	n20	5745	Sum	12.44	1.44	13.88	<=29.96	Pass
NVNT	n20	5785	Ant1	9.63	1.44	11.07	<=30	Pass
NVNT	n20	5785	Ant2	9.99	1.44	11.43	<=30	Pass
NVNT	n20	5785	Sum	12.82	1.44	14.26	<=29.96	Pass
NVNT	n20	5825	Ant1	9.57	1.44	11.01	<=30	Pass
NVNT	n20	5825	Ant2	10.62	1.44	12.06	<=30	Pass
NVNT	n20	5825	Sum	13.14	1.44	14.58	<=29.96	Pass
NVNT	n40	5755	Ant1	7.81	2.53	10.34	<=30	Pass
NVNT	n40	5755	Ant2	8.14	2.53	10.67	<=30	Pass
NVNT	n40	5755	Sum	10.99	2.53	13.52	<=29.96	Pass
NVNT	n40	5795	Ant1	8.25	2.52	10.77	<=30	Pass
NVNT	n40	5795	Ant2	8.98	2.52	11.5	<=30	Pass
NVNT	n40	5795	Sum	11.64	2.52	14.16	<=29.96	Pass

Test Graphs

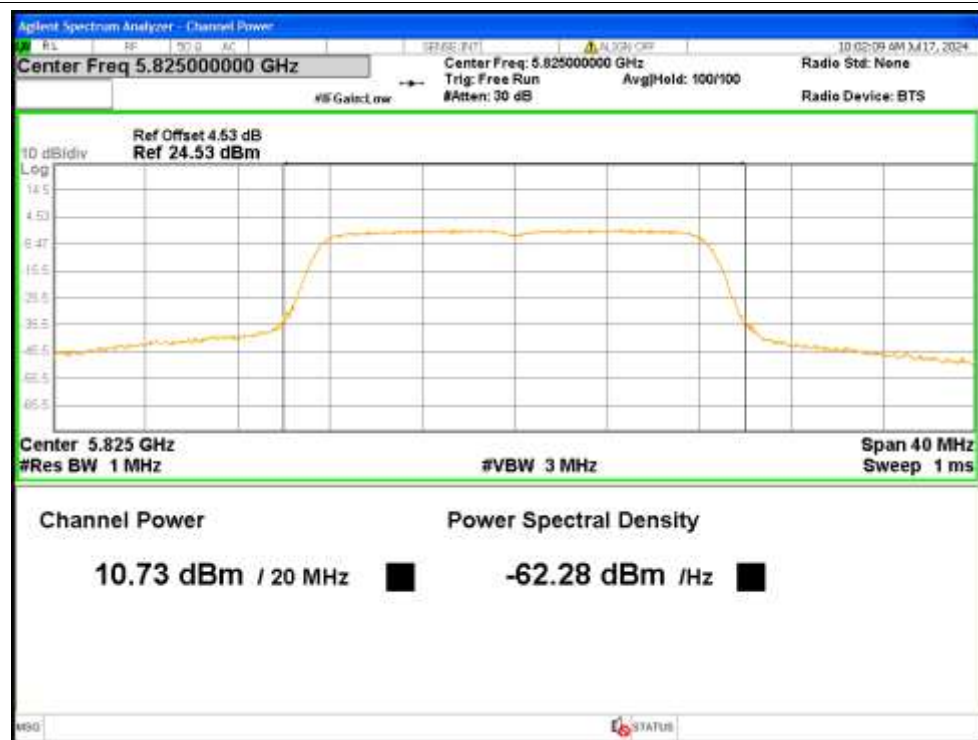
Power NVNT a 5745MHz Ant1



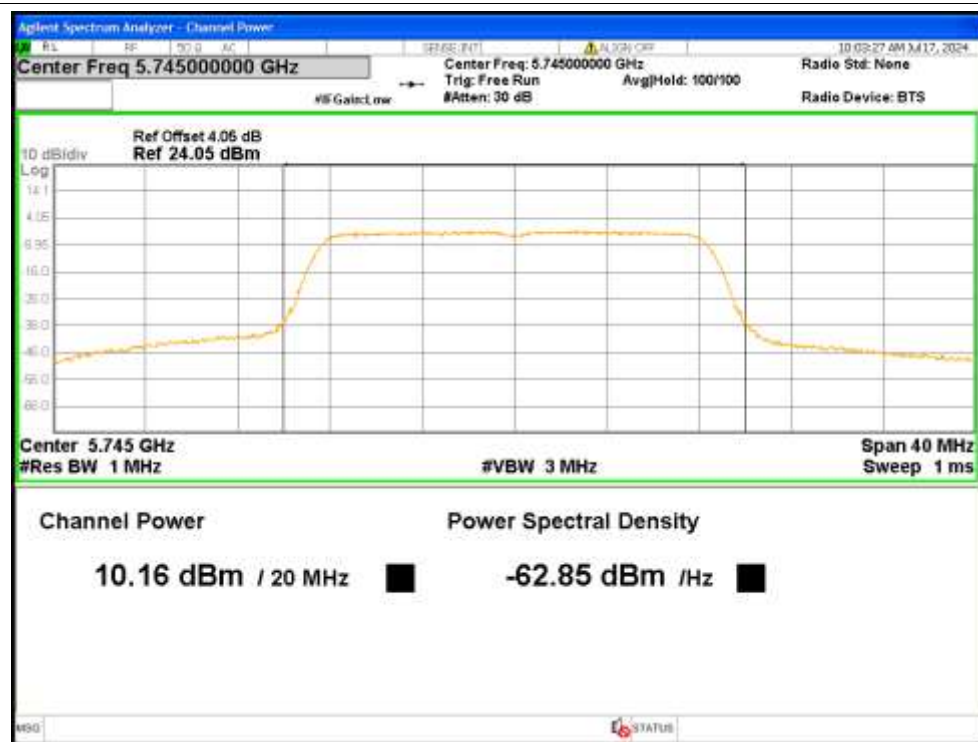
Power NVNT a 5785MHz Ant1



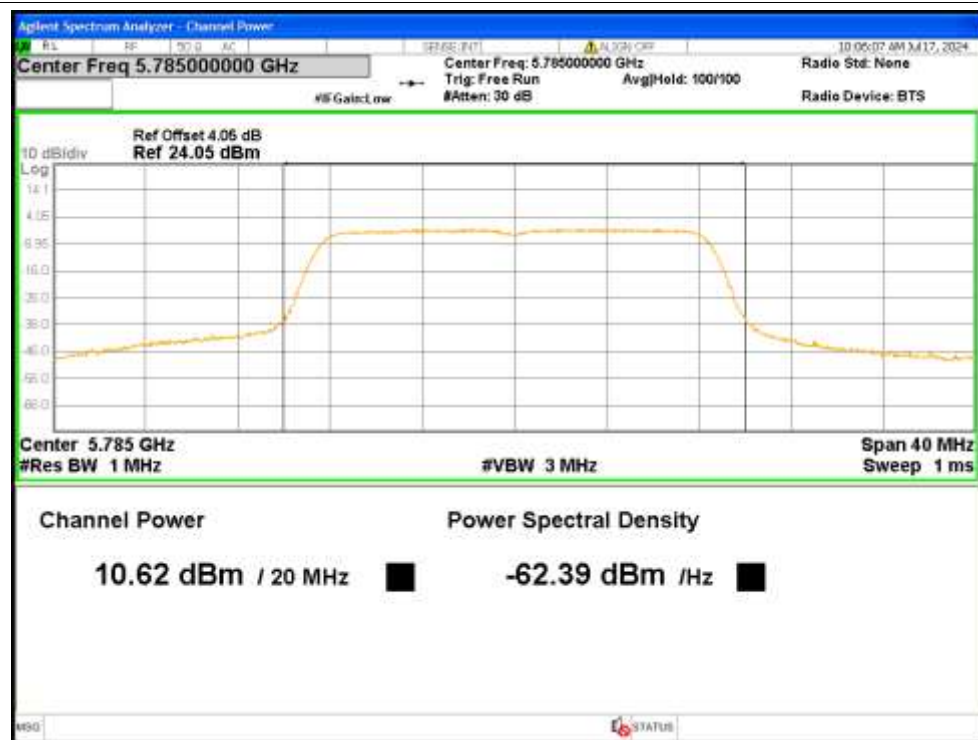
Power NVNT a 5825MHz Ant1



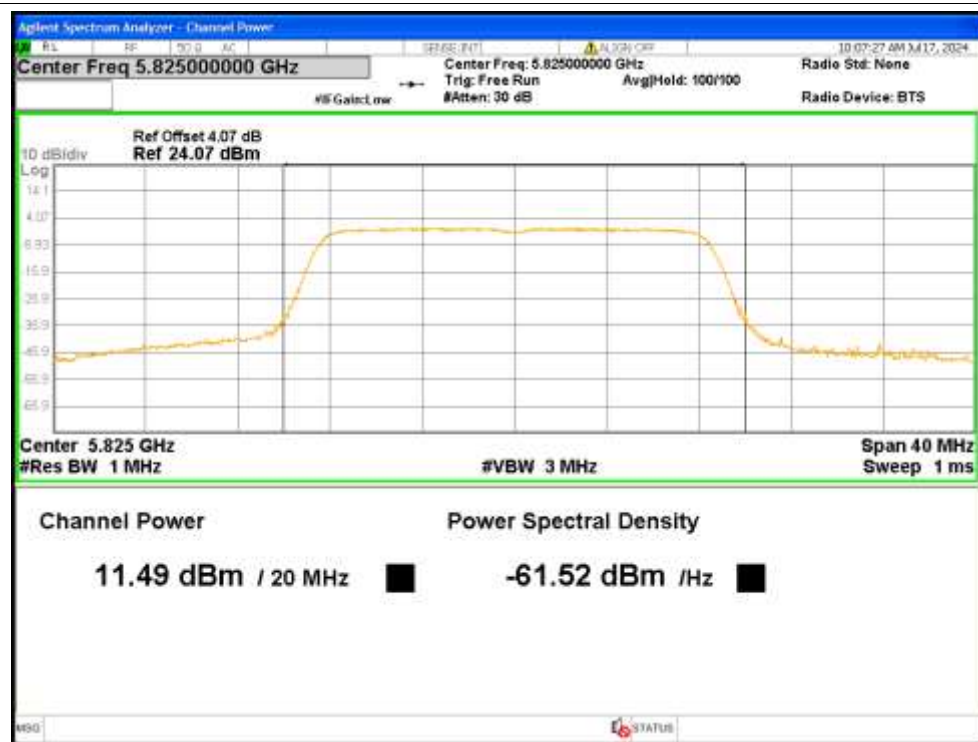
Power NVNT a 5745MHz Ant2



Power NVNT a 5785MHz Ant2



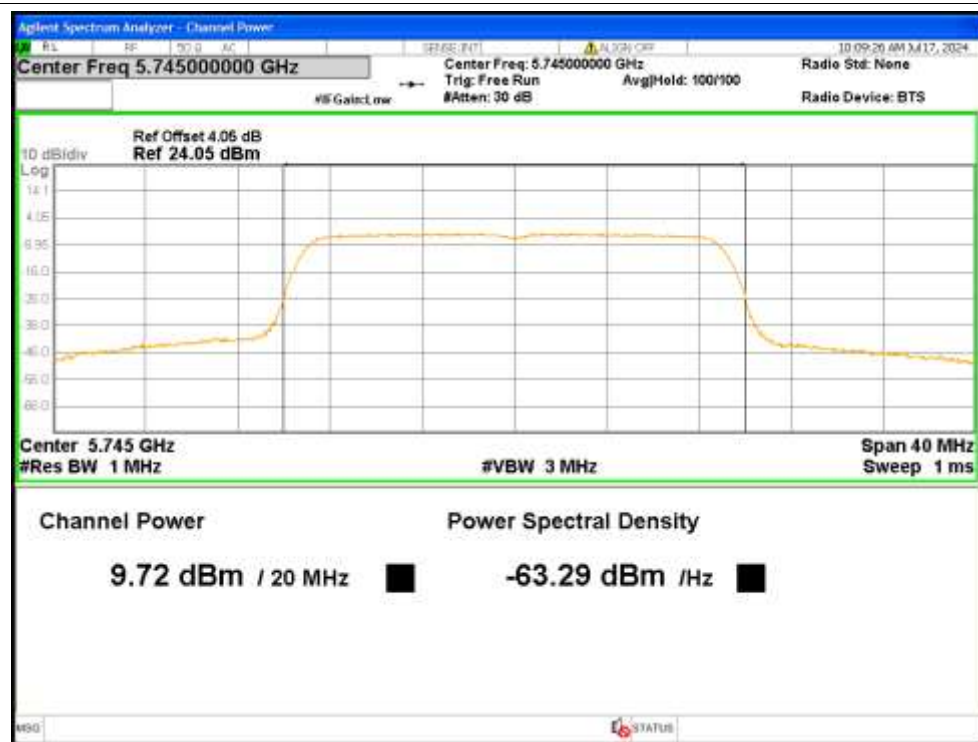
Power NVNT a 5825MHz Ant2



Power NVNT n20 5745MHz Ant1



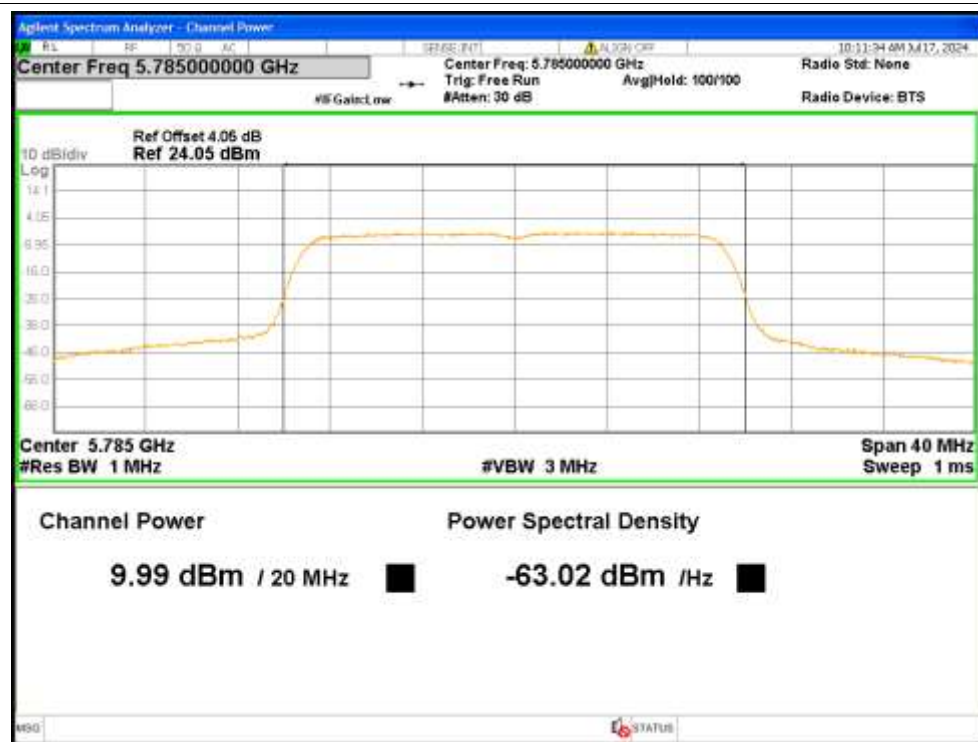
Power NVNT n20 5745MHz Ant2



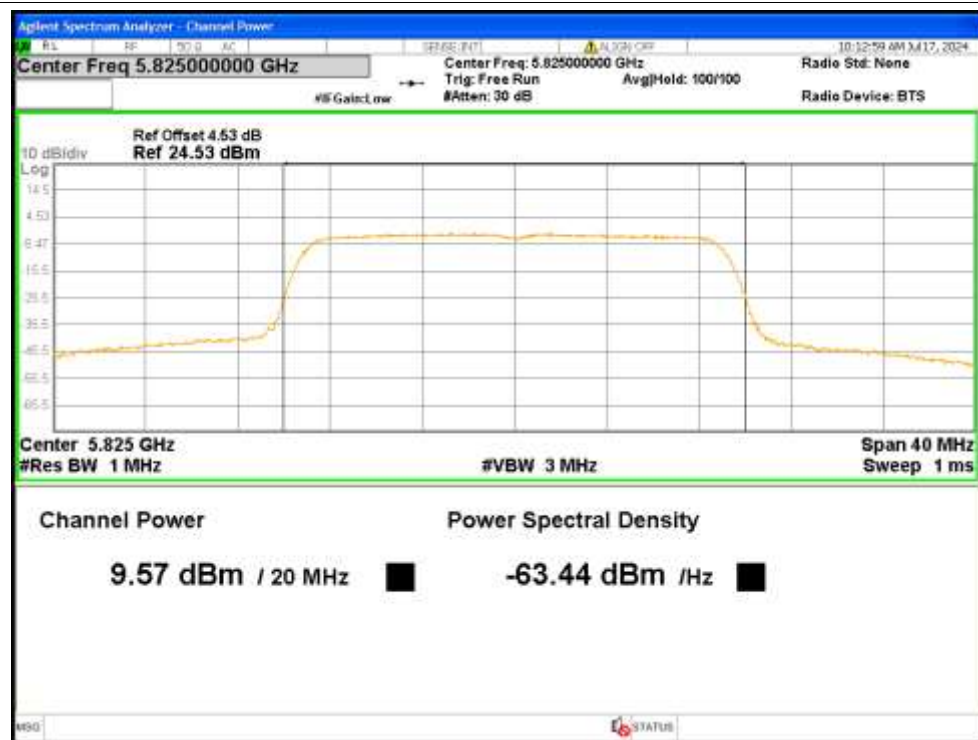
Power NVNT n20 5785MHz Ant1



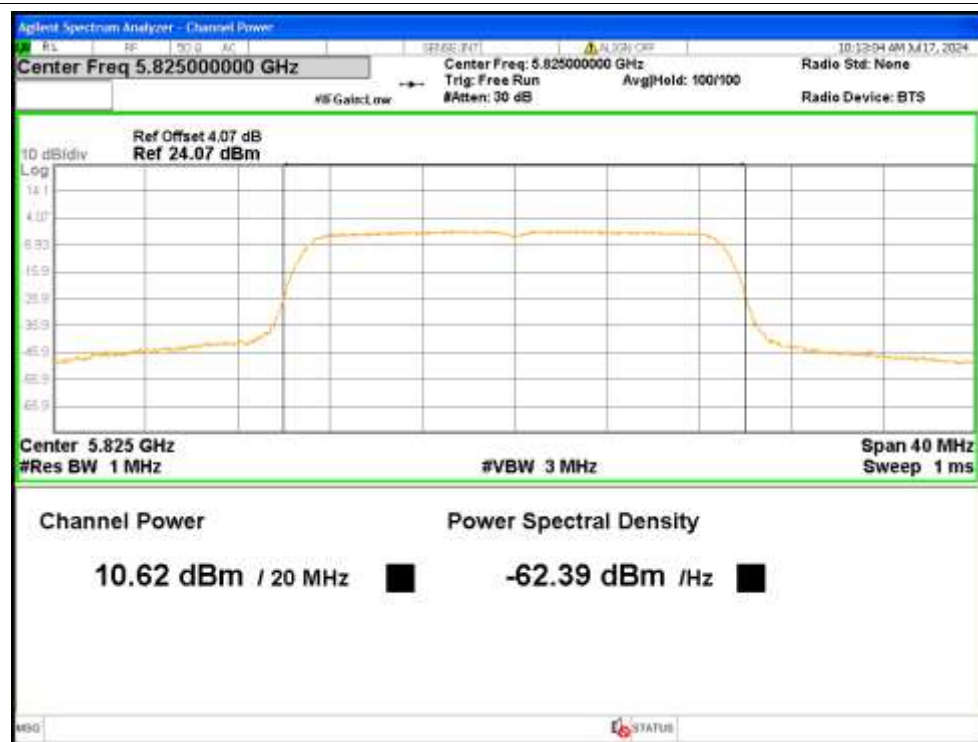
Power NVNT n20 5785MHz Ant2



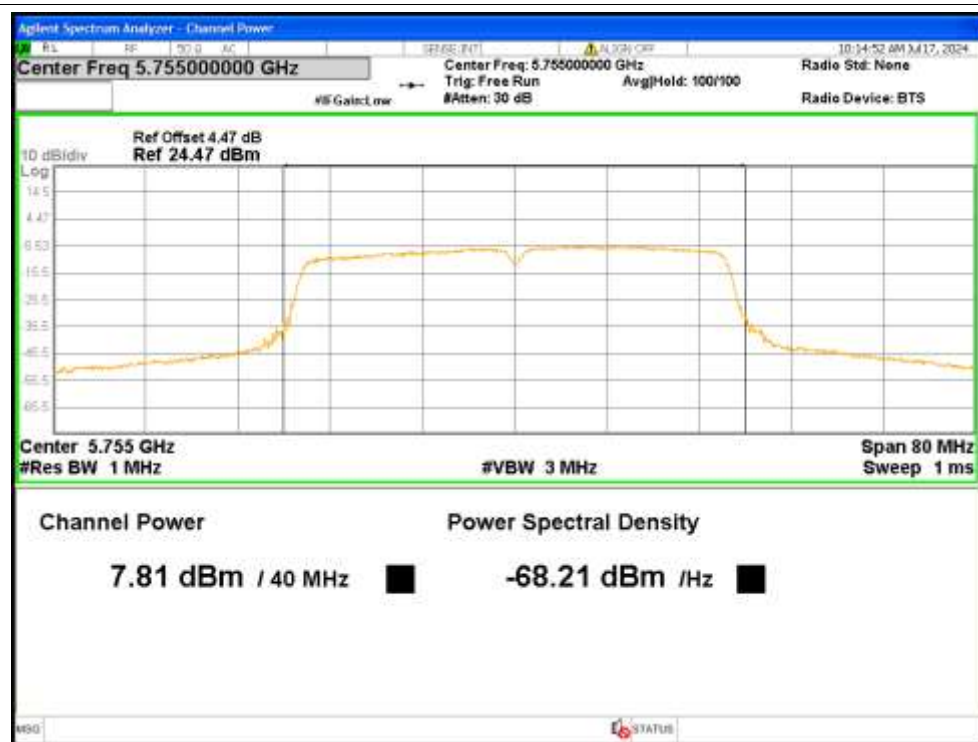
Power NVNT n20 5825MHz Ant1



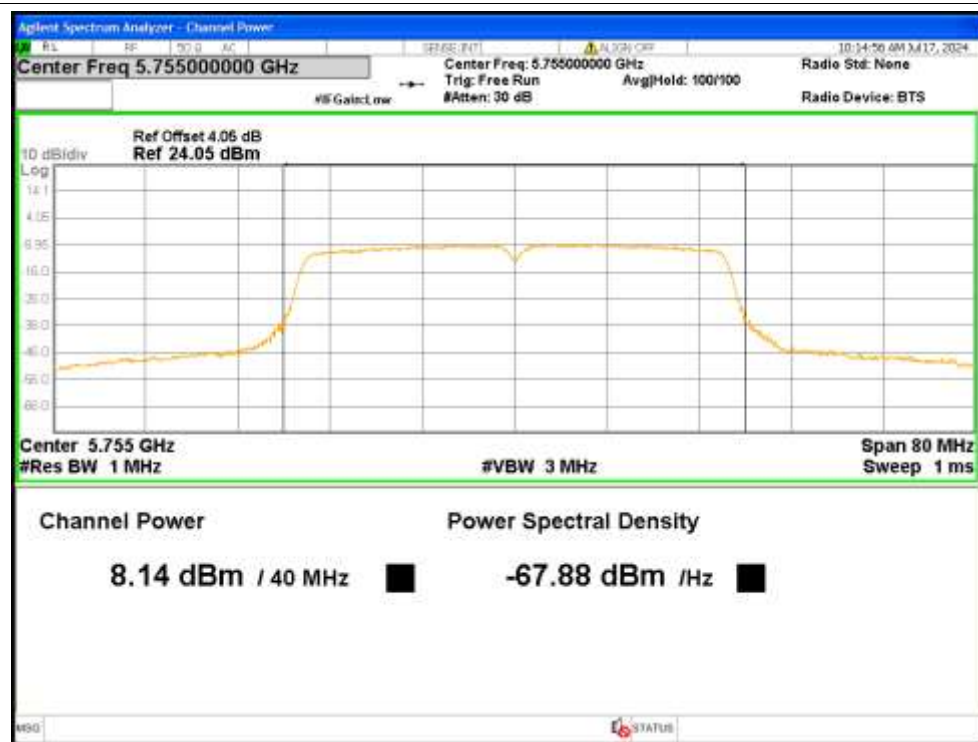
Power NVNT n20 5825MHz Ant2



Power NVNT n40 5755MHz Ant1



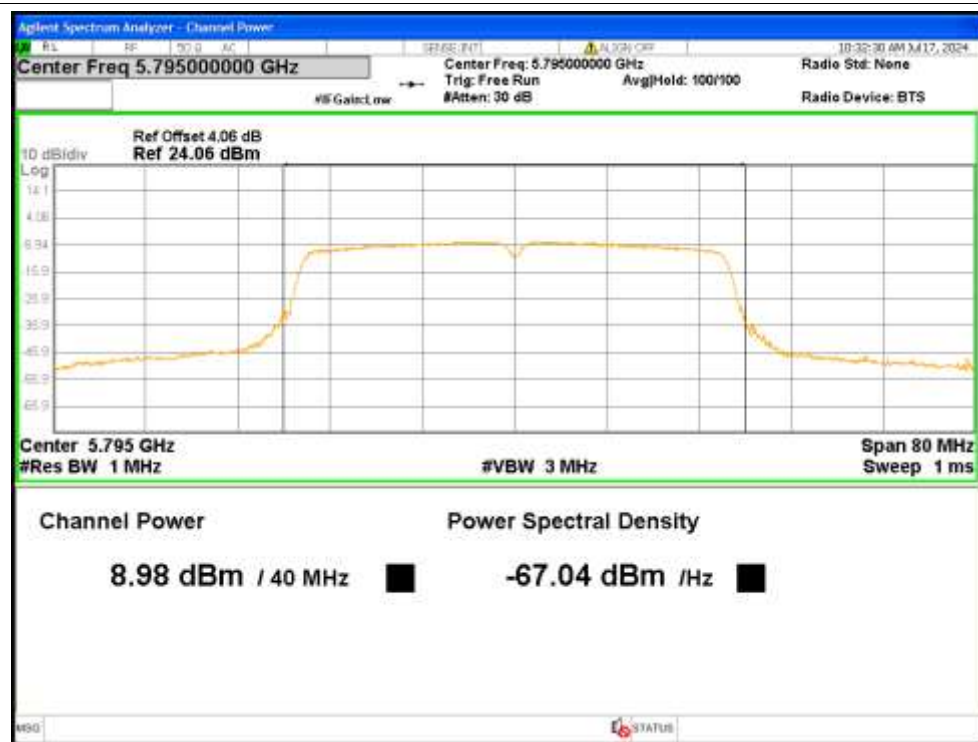
Power NVNT n40 5755MHz Ant2



Power NVNT n40 5795MHz Ant1



Power NVNT n40 5795MHz Ant2

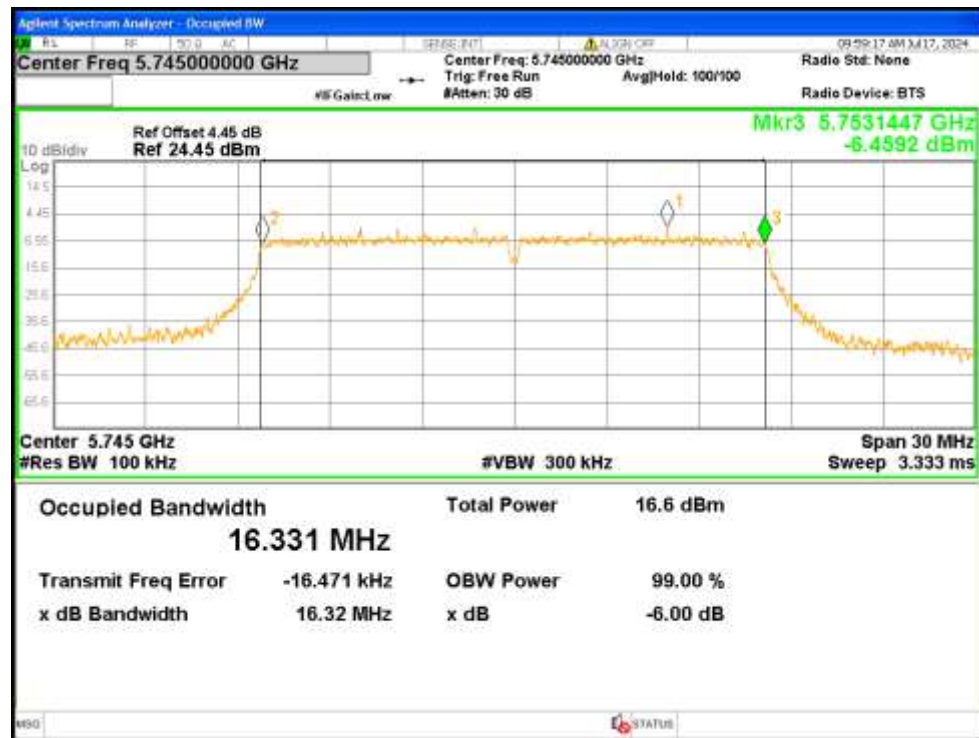


3. -6dB Bandwidth

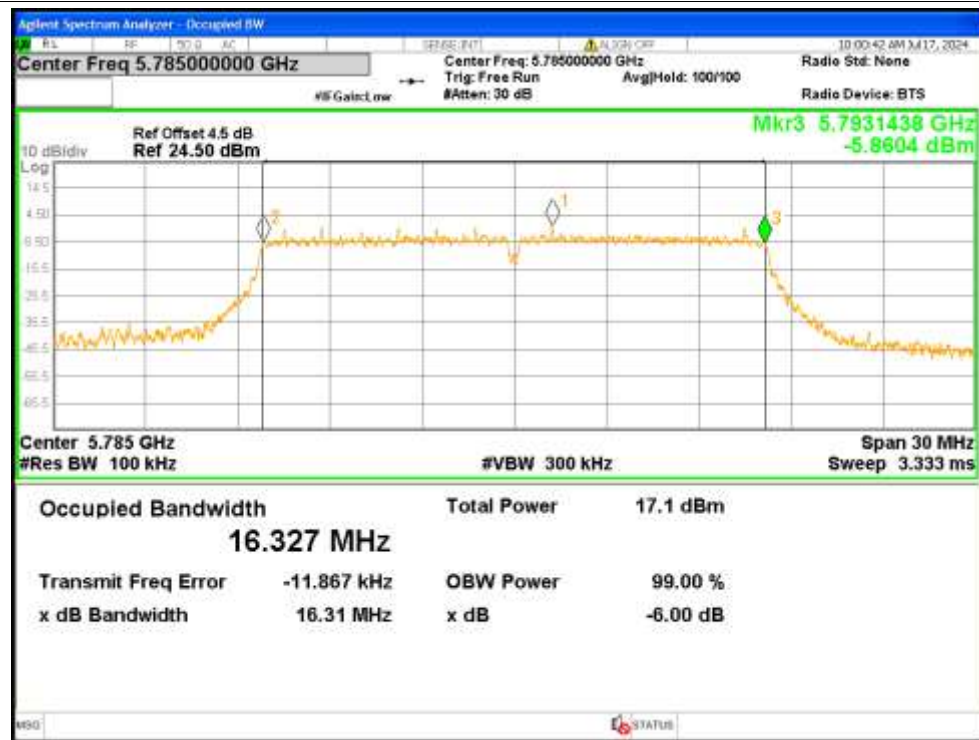
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.3223	≥ 0.5	Pass
NVNT	a	5785	Ant1	16.3113	≥ 0.5	Pass
NVNT	a	5825	Ant1	16.2829	≥ 0.5	Pass
NVNT	a	5745	Ant2	16.3174	≥ 0.5	Pass
NVNT	a	5785	Ant2	16.329	≥ 0.5	Pass
NVNT	a	5825	Ant2	16.3132	≥ 0.5	Pass
NVNT	n20	5745	Ant1	17.5513	≥ 0.5	Pass
NVNT	n20	5745	Ant2	17.5533	≥ 0.5	Pass
NVNT	n20	5785	Ant1	17.5356	≥ 0.5	Pass
NVNT	n20	5785	Ant2	17.1795	≥ 0.5	Pass
NVNT	n20	5825	Ant1	16.8068	≥ 0.5	Pass
NVNT	n20	5825	Ant2	17.5691	≥ 0.5	Pass
NVNT	n40	5755	Ant1	34.1216	≥ 0.5	Pass
NVNT	n40	5755	Ant2	35.1274	≥ 0.5	Pass
NVNT	n40	5795	Ant1	34.1873	≥ 0.5	Pass
NVNT	n40	5795	Ant2	35.0867	≥ 0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



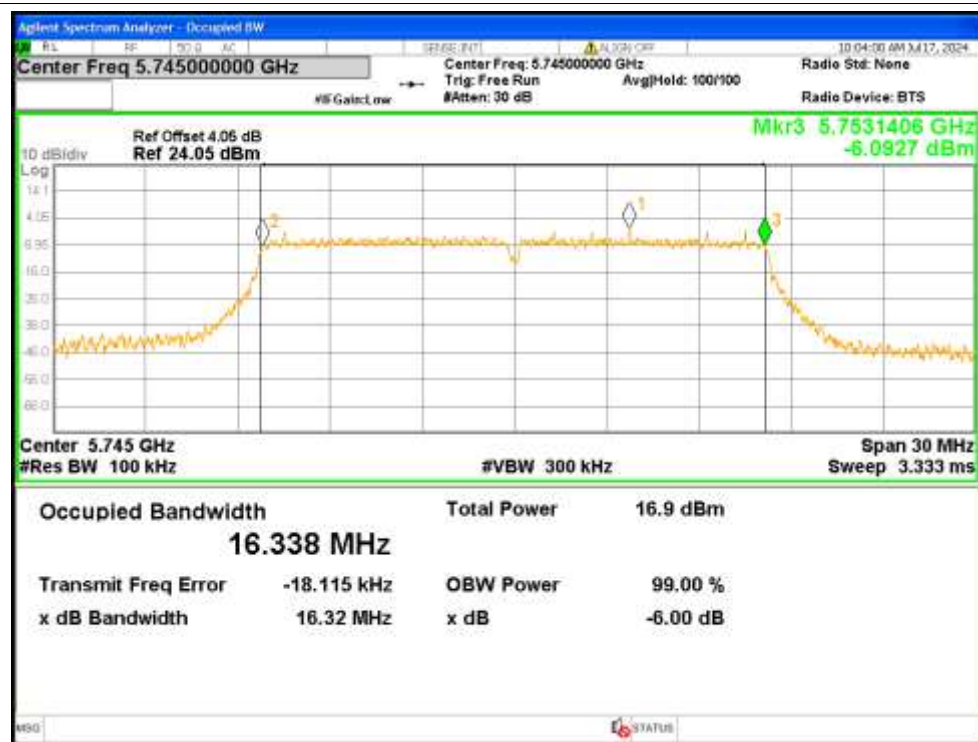
-6dB Bandwidth NVNT a 5785MHz Ant1

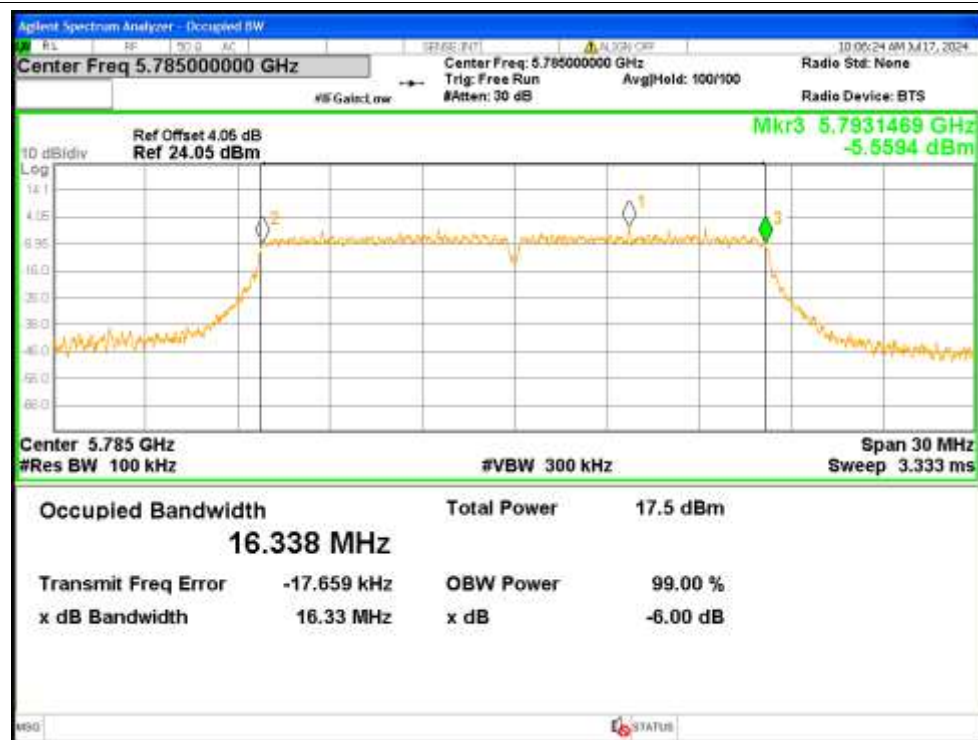
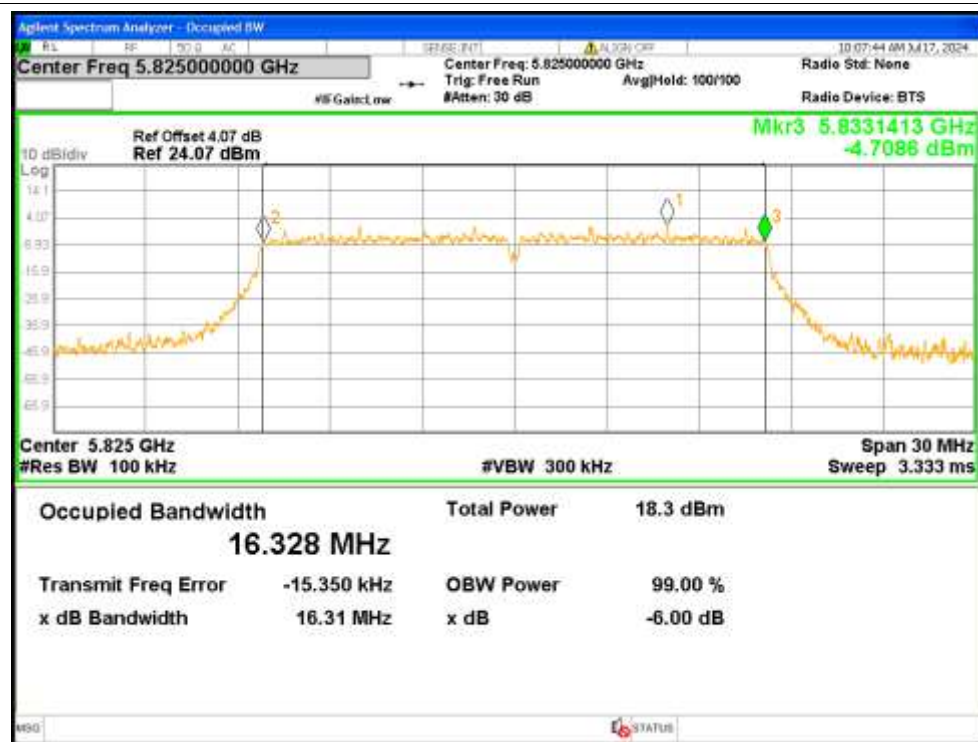


-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT a 5745MHz Ant2

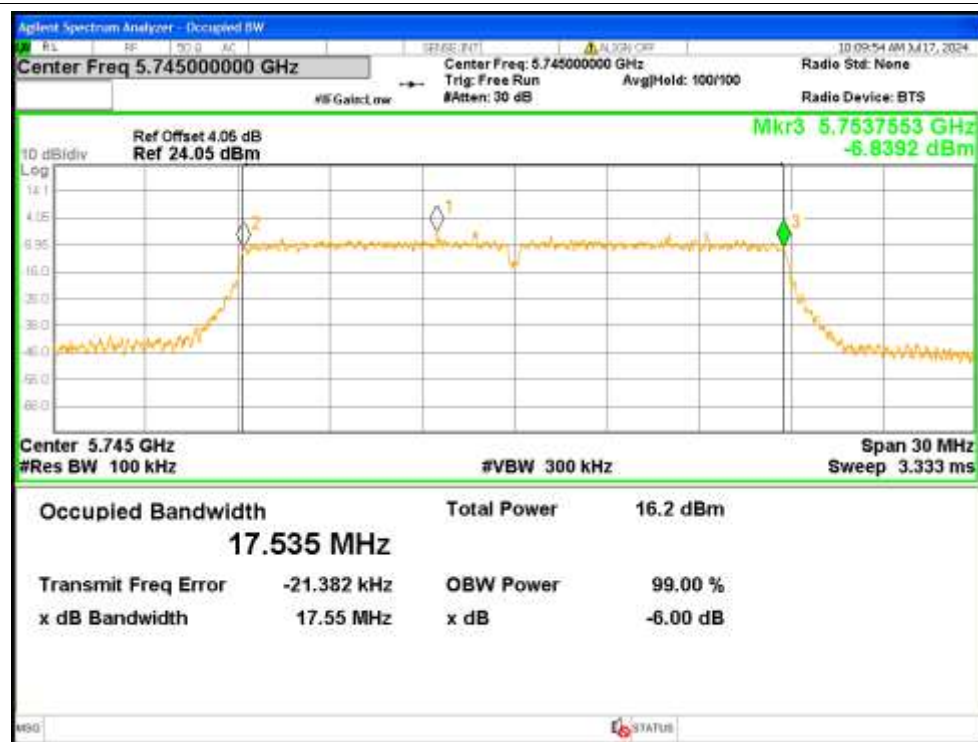


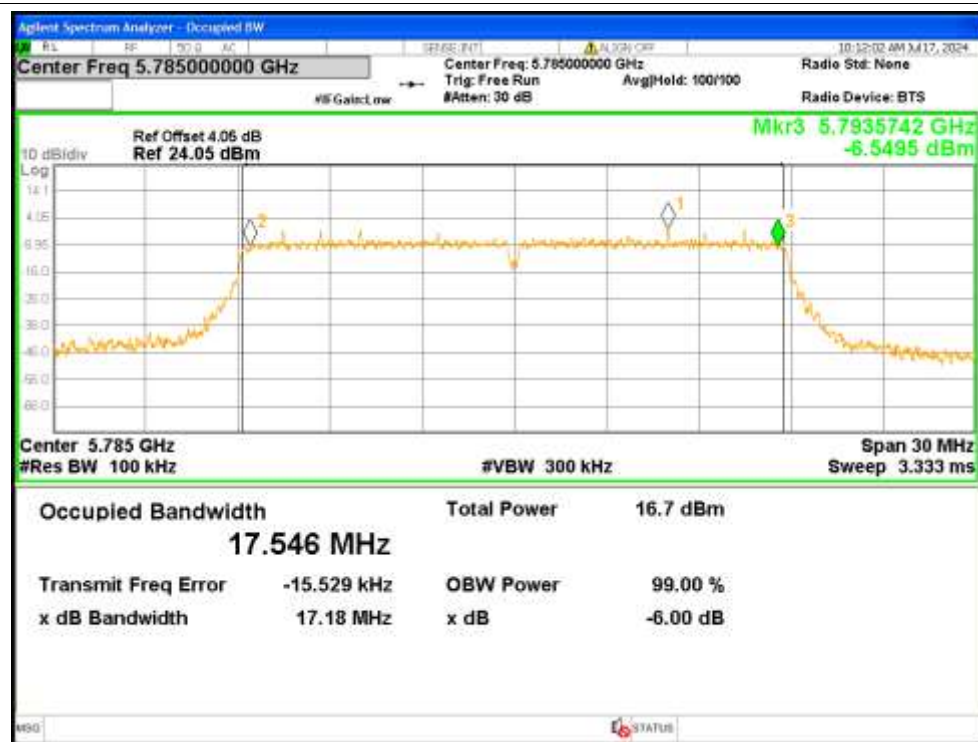
-6dB Bandwidth NVNT a 5785MHz Ant2**-6dB Bandwidth NVNT a 5825MHz Ant2**

-6dB Bandwidth NVNT n20 5745MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant2

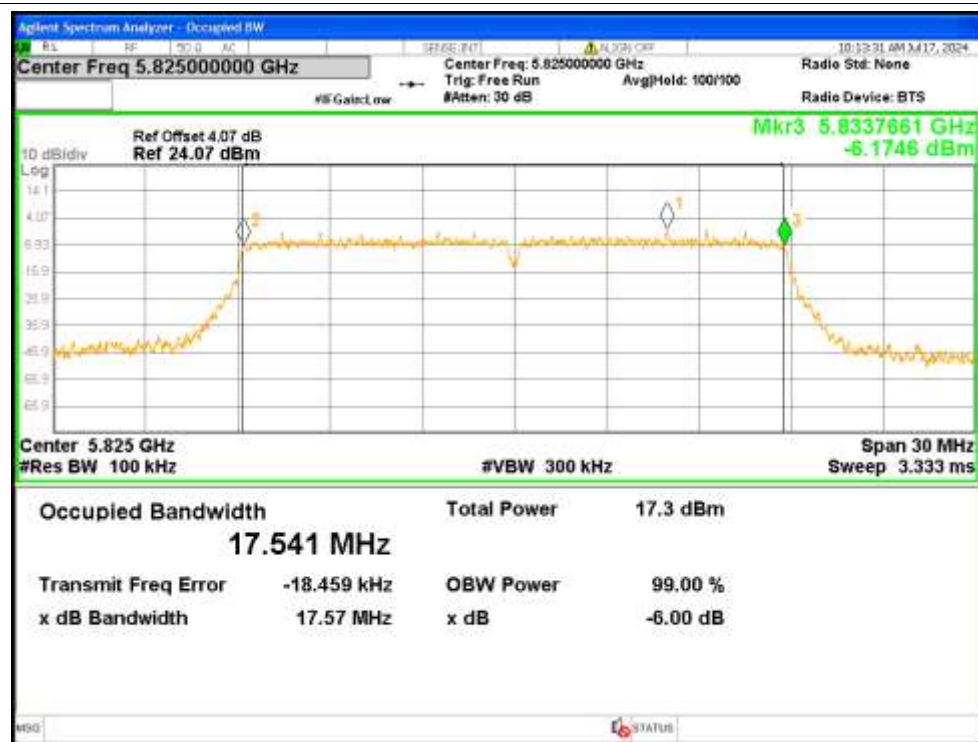


-6dB Bandwidth NVNT n20 5785MHz Ant1**-6dB Bandwidth NVNT n20 5785MHz Ant2**

-6dB Bandwidth NVNT n20 5825MHz Ant1



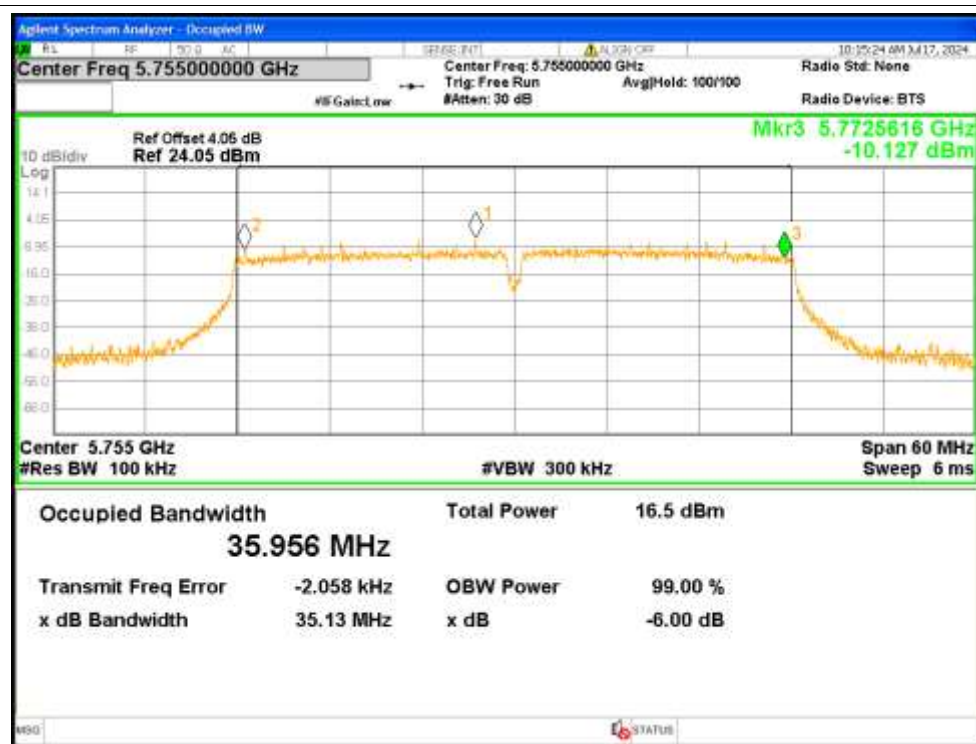
-6dB Bandwidth NVNT n20 5825MHz Ant2

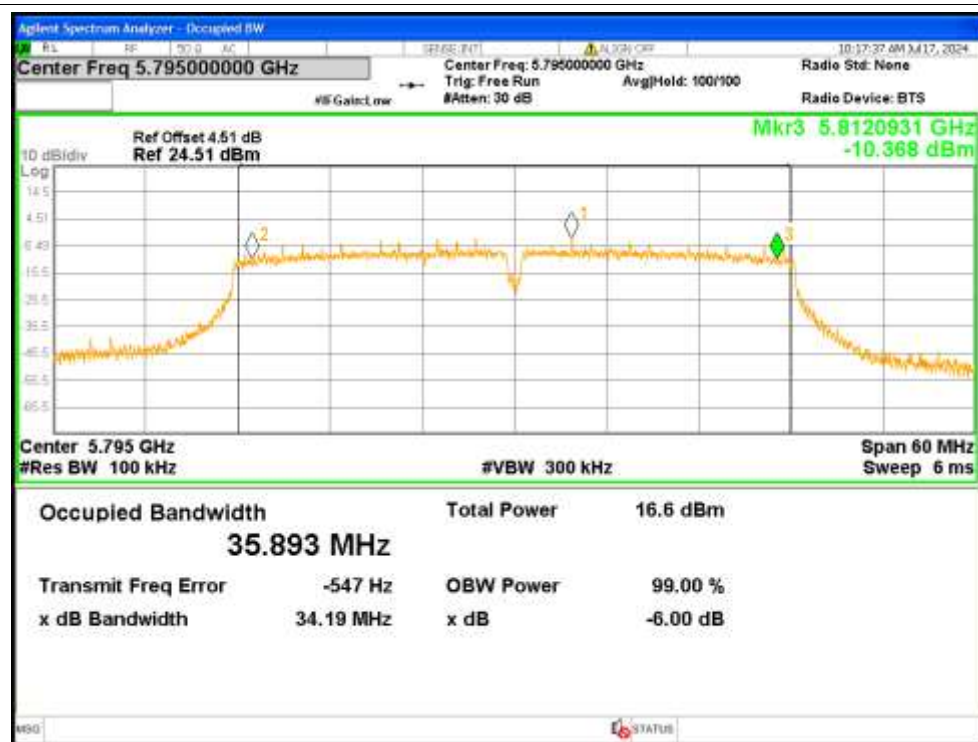


-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant2



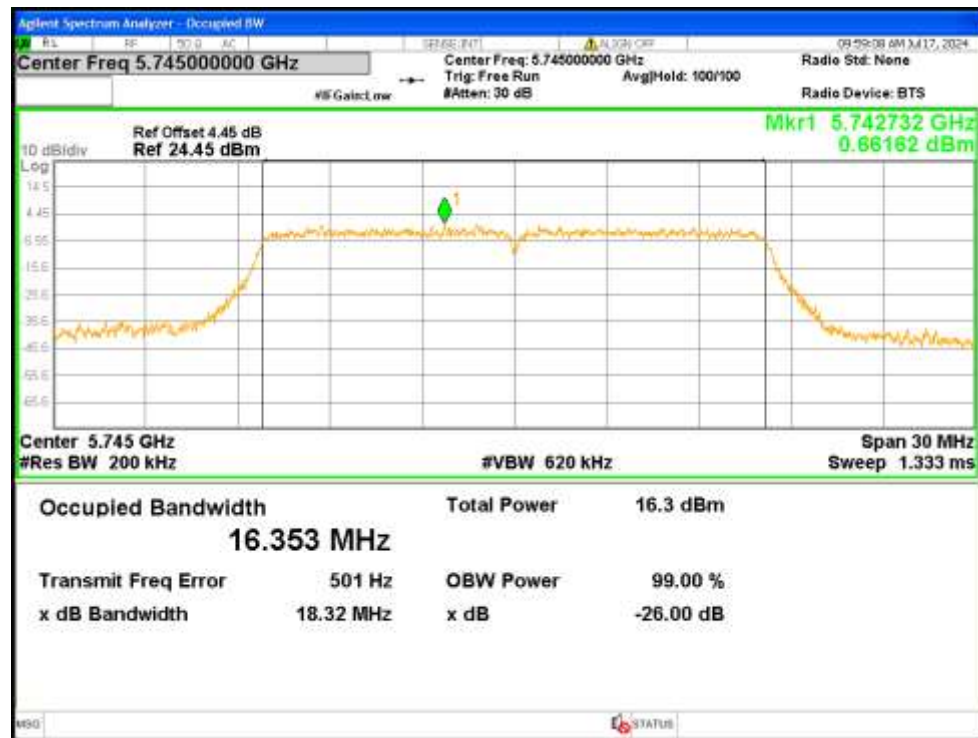
-6dB Bandwidth NVNT n40 5795MHz Ant1**-6dB Bandwidth NVNT n40 5795MHz Ant2**

4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.3527
NVNT	a	5785	Ant1	16.3512
NVNT	a	5825	Ant1	16.3438
NVNT	a	5745	Ant2	16.3352
NVNT	a	5785	Ant2	16.3427
NVNT	a	5825	Ant2	16.3422
NVNT	n20	5745	Ant1	17.5388
NVNT	n20	5745	Ant2	17.5393
NVNT	n20	5785	Ant1	17.5395
NVNT	n20	5785	Ant2	17.5322
NVNT	n20	5825	Ant1	17.5167
NVNT	n20	5825	Ant2	17.5278
NVNT	n40	5755	Ant1	36.0613
NVNT	n40	5755	Ant2	36.052
NVNT	n40	5795	Ant1	36.0465
NVNT	n40	5795	Ant2	35.9917

Test Graphs

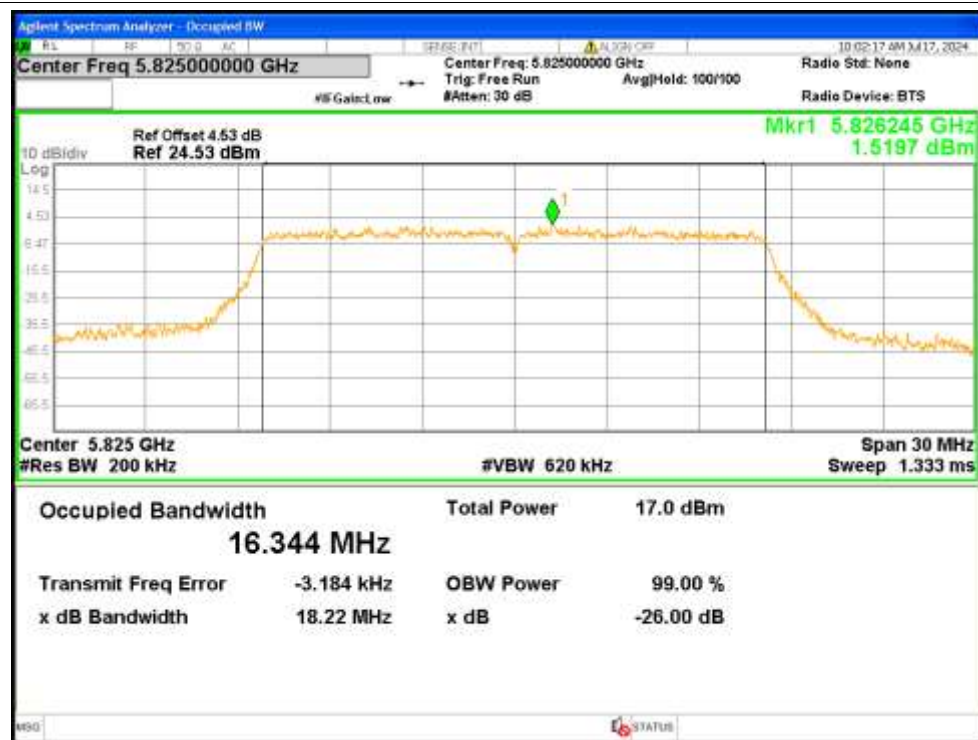
OBW NVNT a 5745MHz Ant1



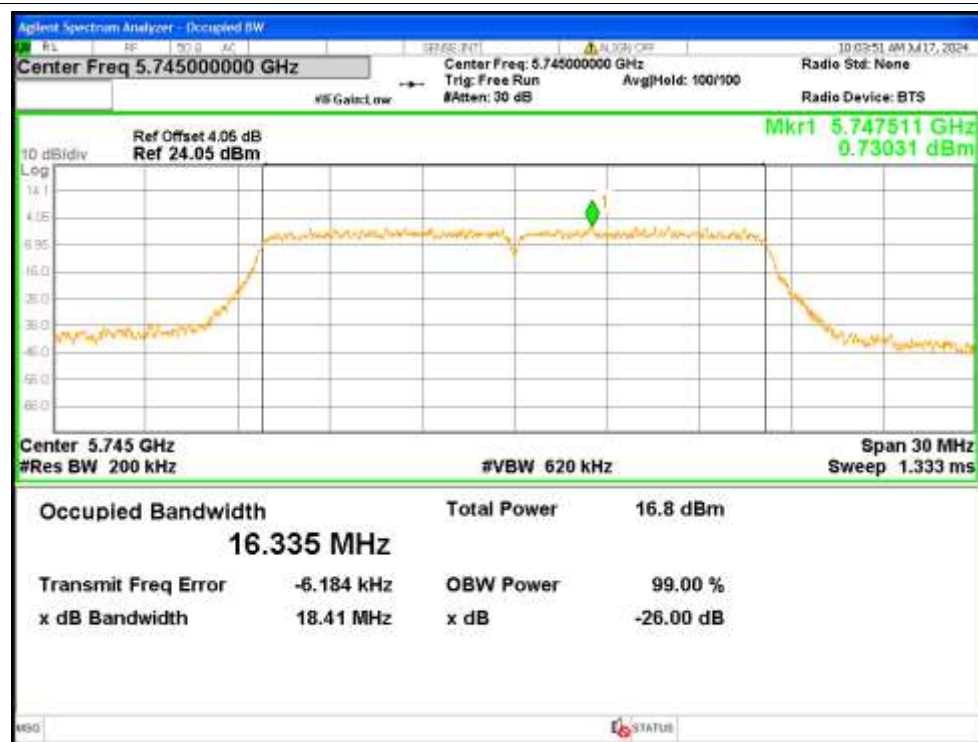
OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1



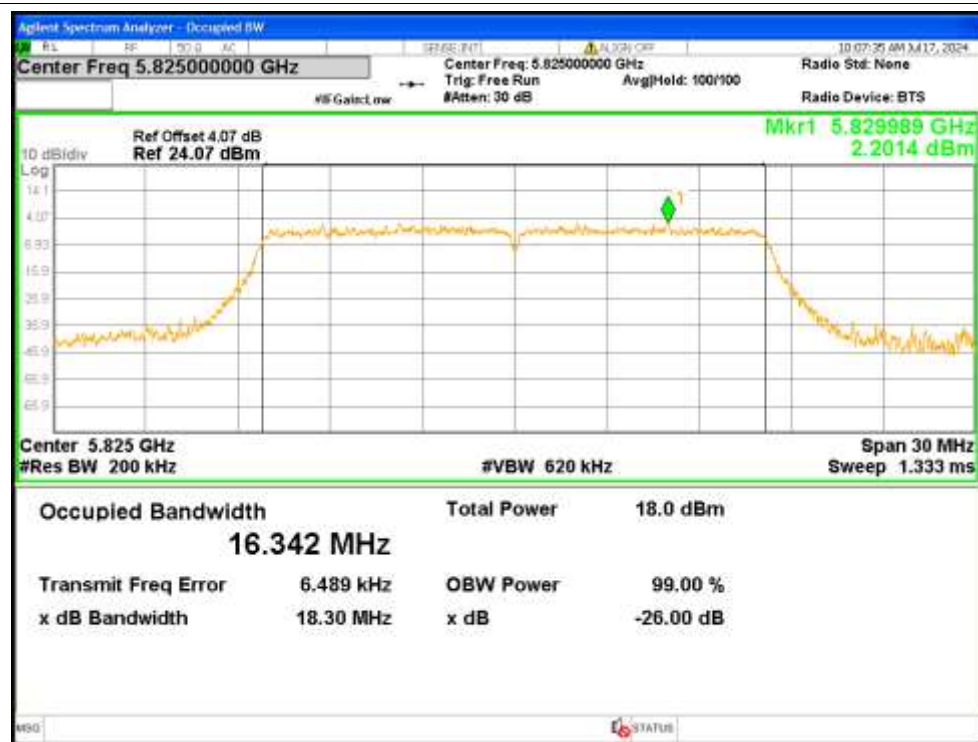
OBW NVNT a 5745MHz Ant2



OBW NVNT a 5785MHz Ant2



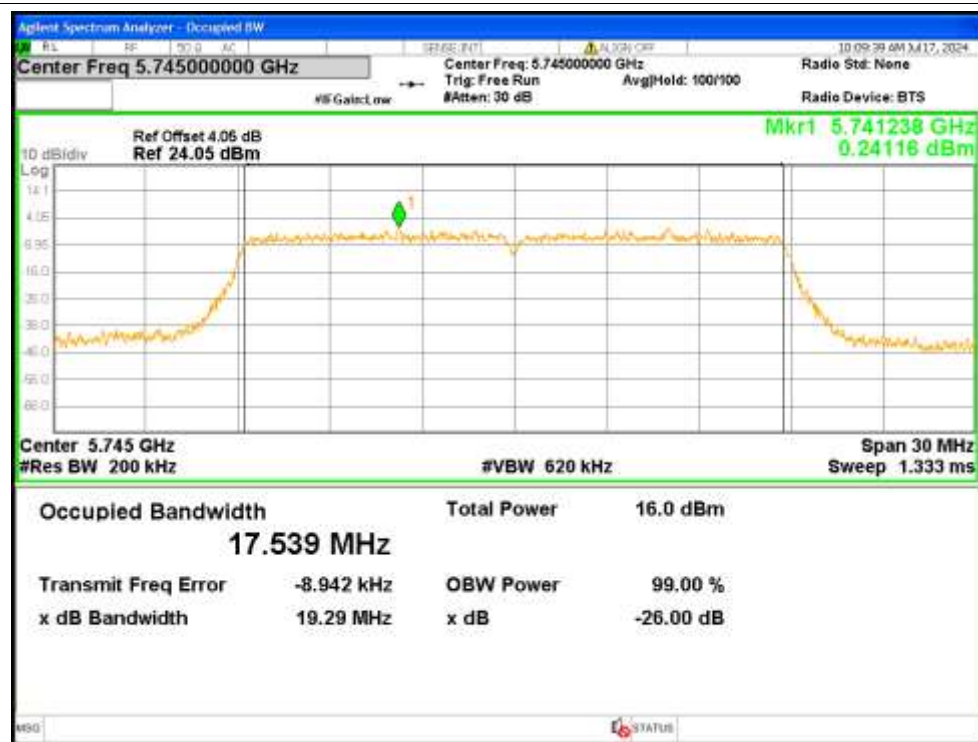
OBW NVNT a 5825MHz Ant2



OBW NVNT n20 5745MHz Ant1



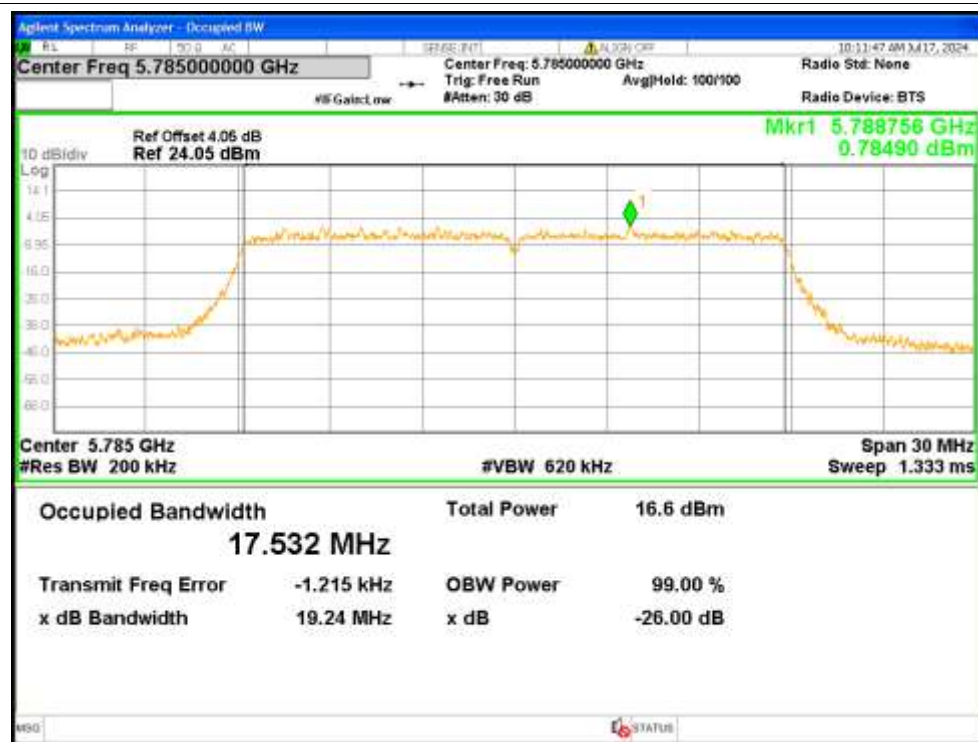
OBW NVNT n20 5745MHz Ant2



OBW NVNT n20 5785MHz Ant1



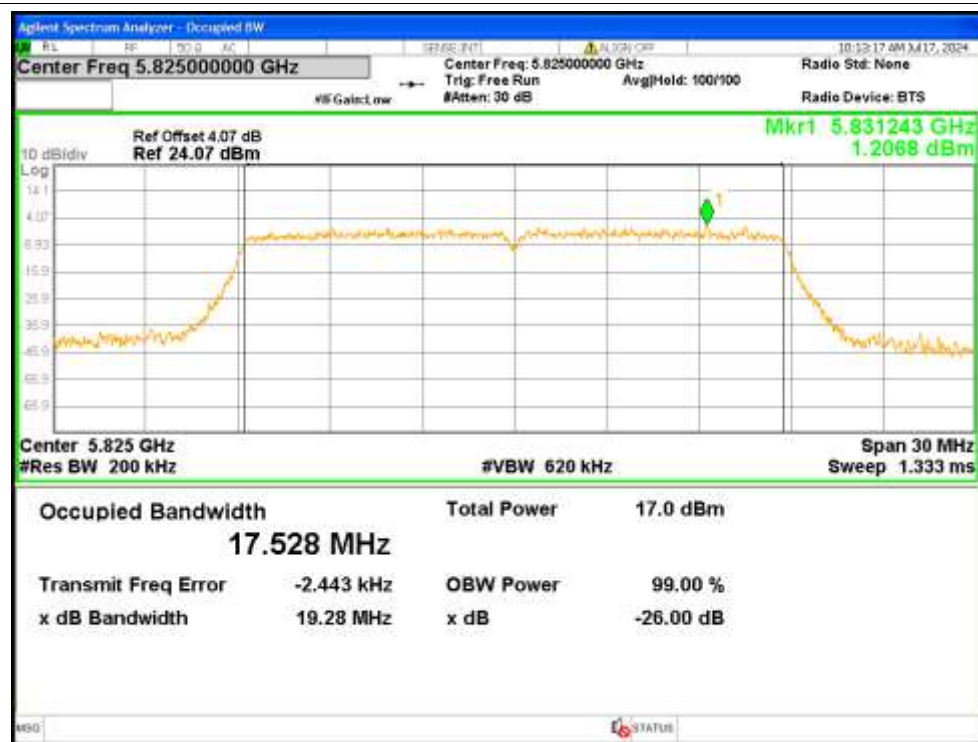
OBW NVNT n20 5785MHz Ant2



OBW NVNT n20 5825MHz Ant1



OBW NVNT n20 5825MHz Ant2



OBW NVNT n40 5755MHz Ant1



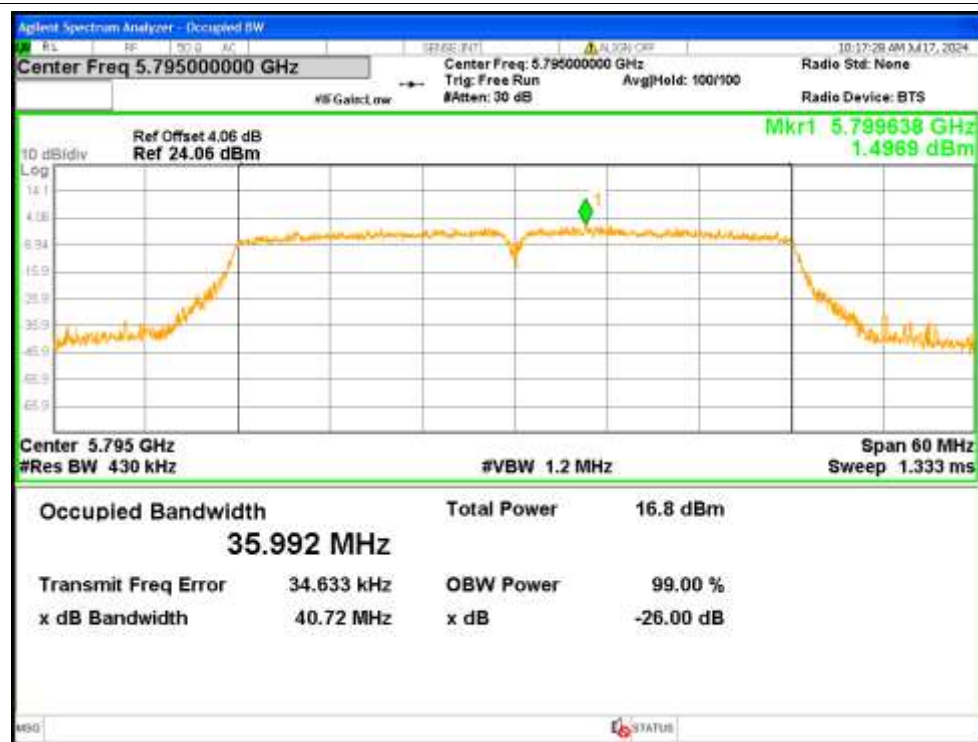
OBW NVNT n40 5755MHz Ant2



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	-3.796	1.36	-2.436	<=30	Pass
NVNT	a	5785	Ant1	-3.323	1.36	-1.963	<=30	Pass
NVNT	a	5825	Ant1	-2.928	1.36	-1.568	<=30	Pass
NVNT	a	5745	Ant2	-3.285	1.36	-1.925	<=30	Pass
NVNT	a	5785	Ant2	-2.859	1.36	-1.499	<=30	Pass
NVNT	a	5825	Ant2	-2.032	1.36	-0.672	<=30	Pass
NVNT	n20	5745	Ant1	-5.05	1.44	-3.61	<=30	Pass
NVNT	n20	5745	Ant2	-4.367	1.44	-2.927	<=30	Pass
NVNT	n20	5745	Sum	-1.685	1.44	-0.245	<=29.96	Pass
NVNT	n20	5785	Ant1	-4.443	1.44	-3.003	<=30	Pass
NVNT	n20	5785	Ant2	-3.924	1.44	-2.484	<=30	Pass
NVNT	n20	5785	Sum	-1.165	1.44	0.275	<=29.96	Pass
NVNT	n20	5825	Ant1	-4.107	1.44	-2.667	<=30	Pass
NVNT	n20	5825	Ant2	-3.086	1.44	-1.646	<=30	Pass
NVNT	n20	5825	Sum	-0.556	1.44	0.884	<=29.96	Pass
NVNT	n40	5755	Ant1	-8.033	2.53	-5.503	<=30	Pass
NVNT	n40	5755	Ant2	-8.136	2.53	-5.606	<=30	Pass
NVNT	n40	5755	Sum	-5.074	2.53	-2.544	<=29.96	Pass
NVNT	n40	5795	Ant1	-7.735	2.52	-5.215	<=30	Pass
NVNT	n40	5795	Ant2	-6.78	2.52	-4.26	<=30	Pass
NVNT	n40	5795	Sum	-4.221	2.52	-1.701	<=29.96	Pass

Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1

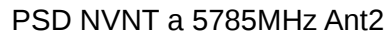


PSD NVNT a 5825MHz Ant1



PSD NVNT a 5745MHz Ant2





PSD NVNT 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

