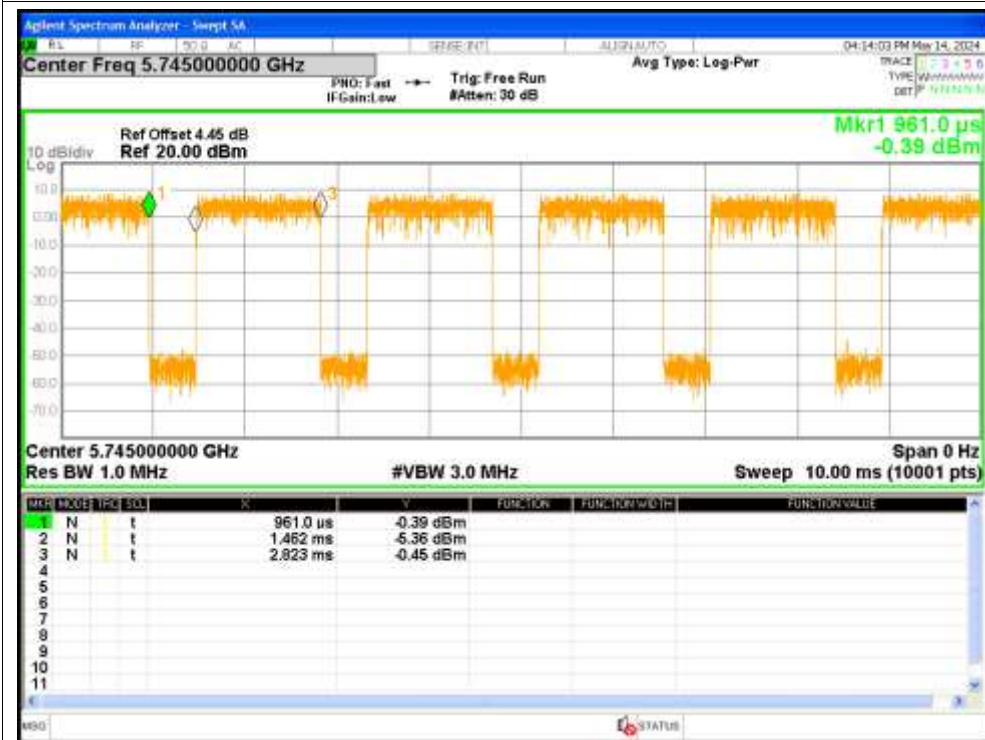


1. Duty Cycle

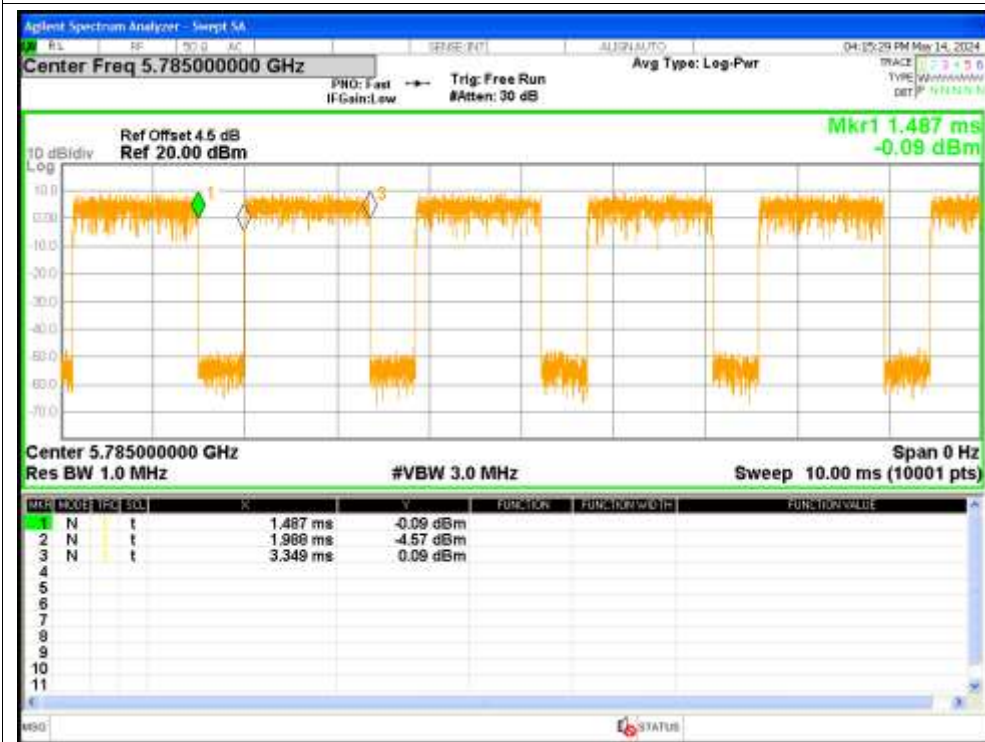
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	73.09	1.36	0.73
NVNT	a	5785	Ant1	73.09	1.36	0.73
NVNT	a	5825	Ant1	73.15	1.36	0.73
NVNT	a	5745	Ant2	73.09	1.36	0.73
NVNT	a	5785	Ant2	73.15	1.36	0.73
NVNT	a	5825	Ant2	73.15	1.36	0.73
NVNT	n20	5745	Sum	71.77	1.44	0.78
NVNT	n20	5785	Sum	71.76	1.44	0.79
NVNT	n20	5825	Sum	71.76	1.44	0.79

Test Graphs

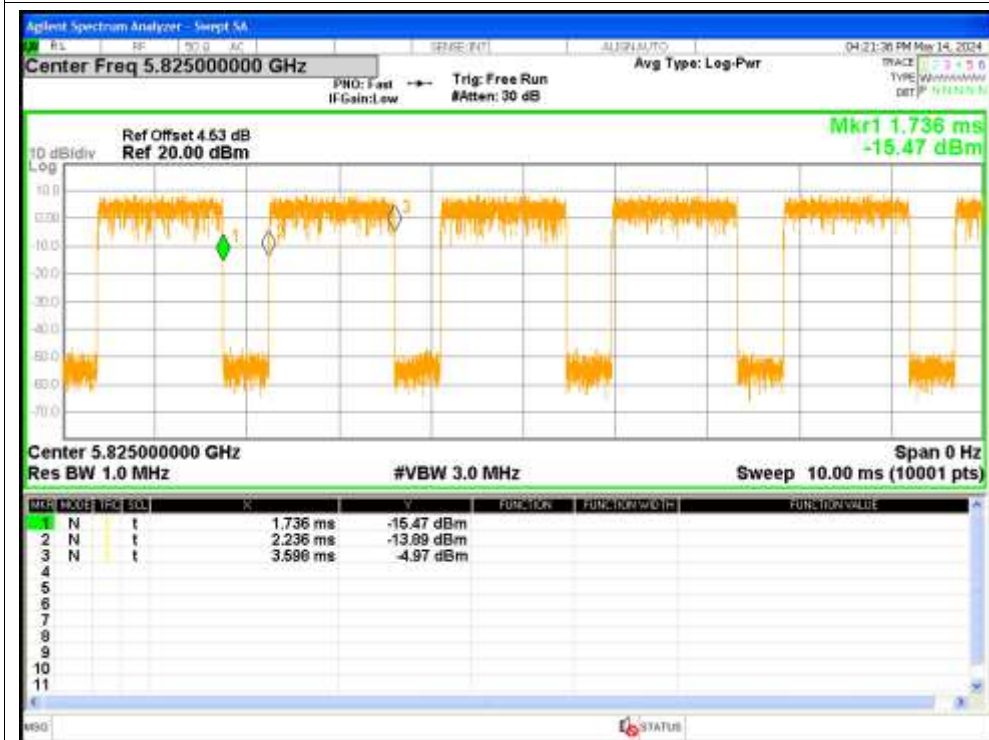
Duty Cycle NVNT a 5745MHz Ant1



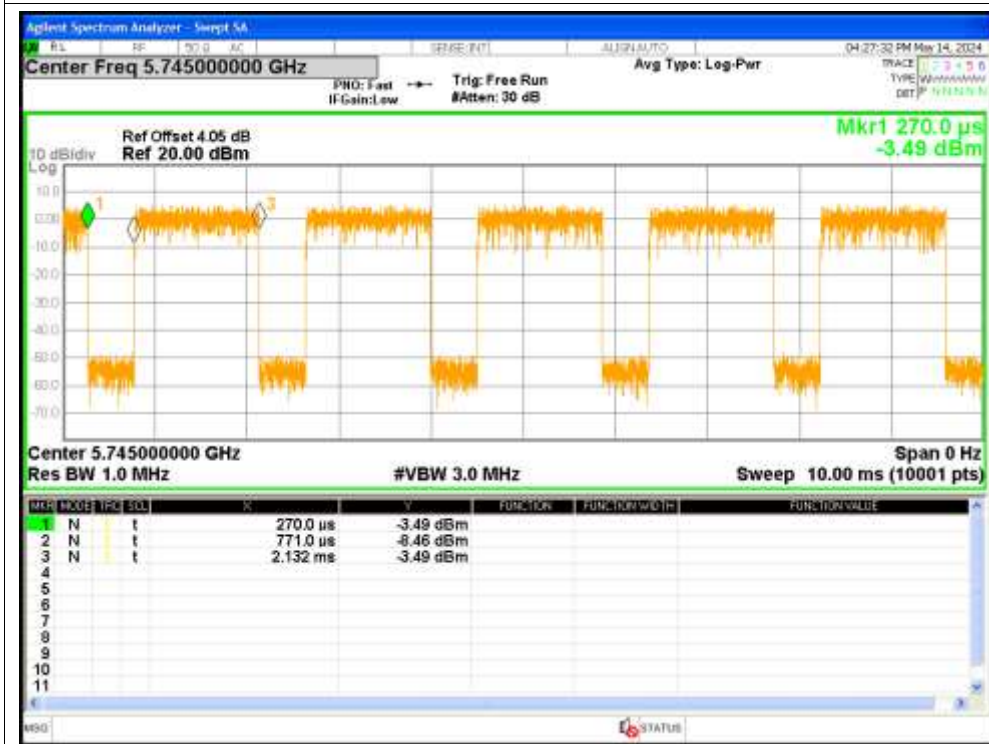
Duty Cycle NVNT a 5785MHz Ant1



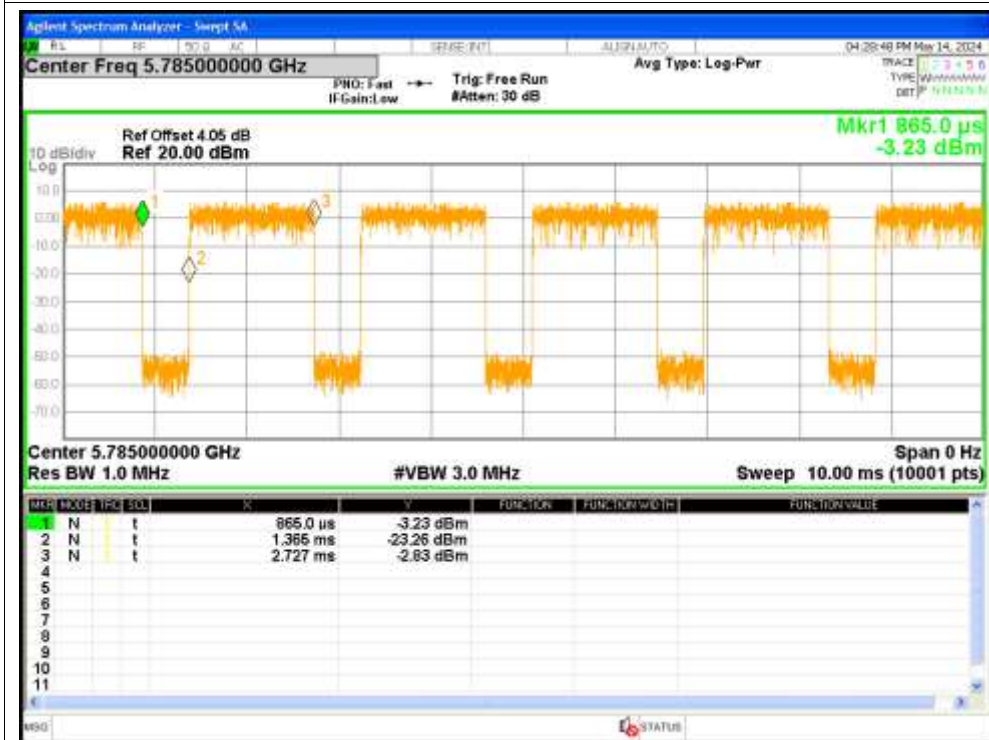
Duty Cycle NVNT a 5825MHz Ant1



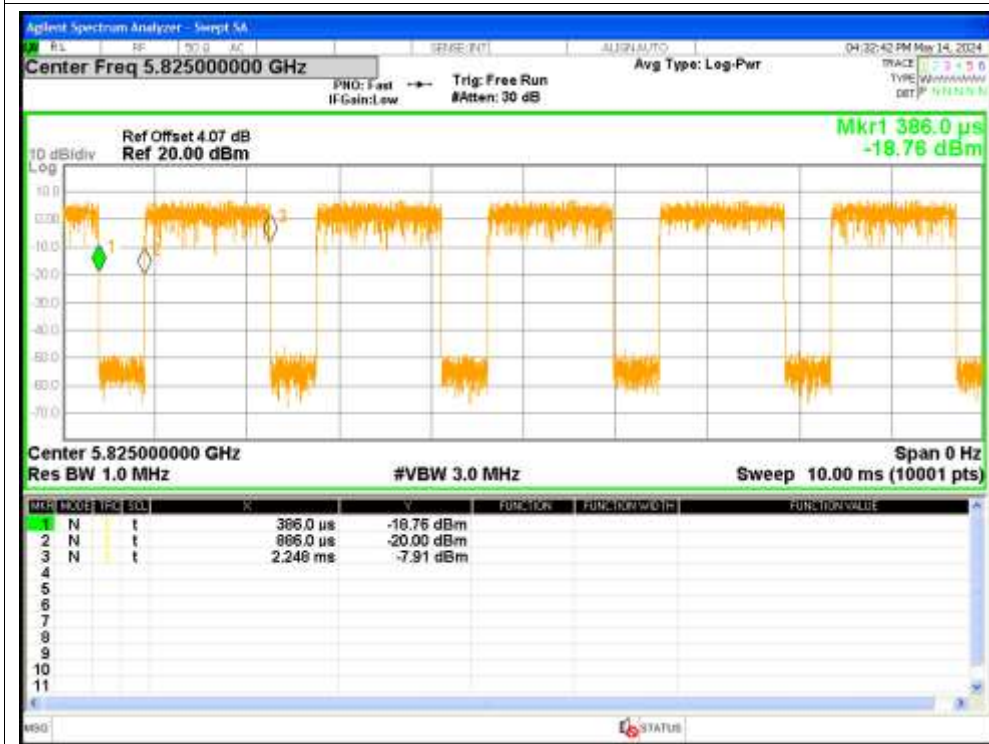
Duty Cycle NVNT a 5745MHz Ant2



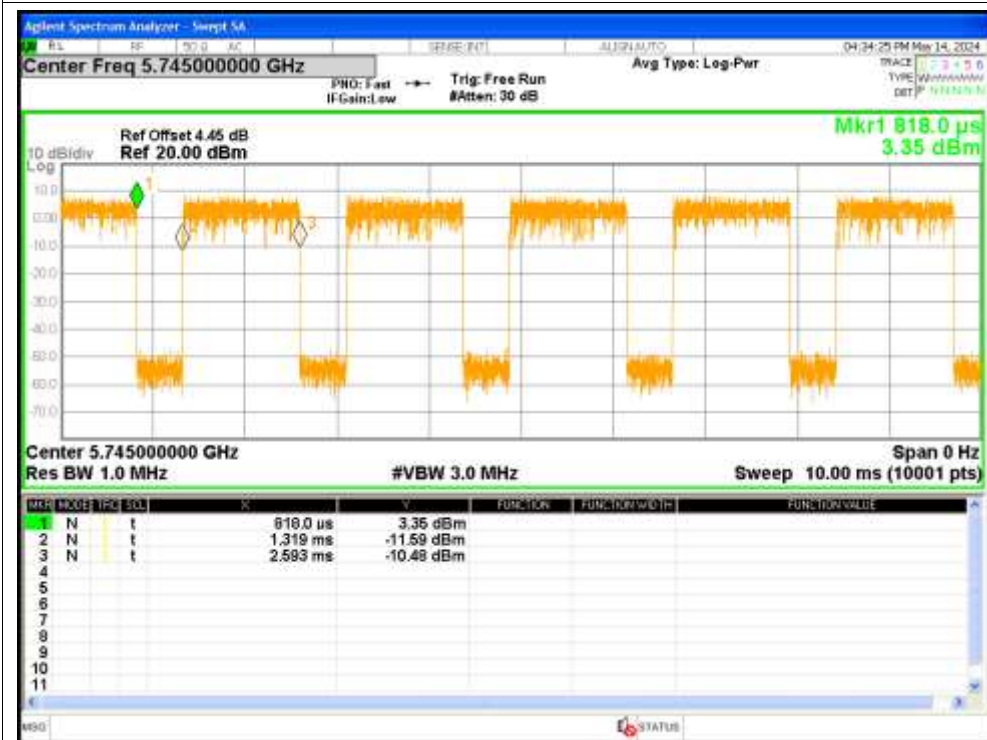
Duty Cycle NVNT a 5785MHz Ant2



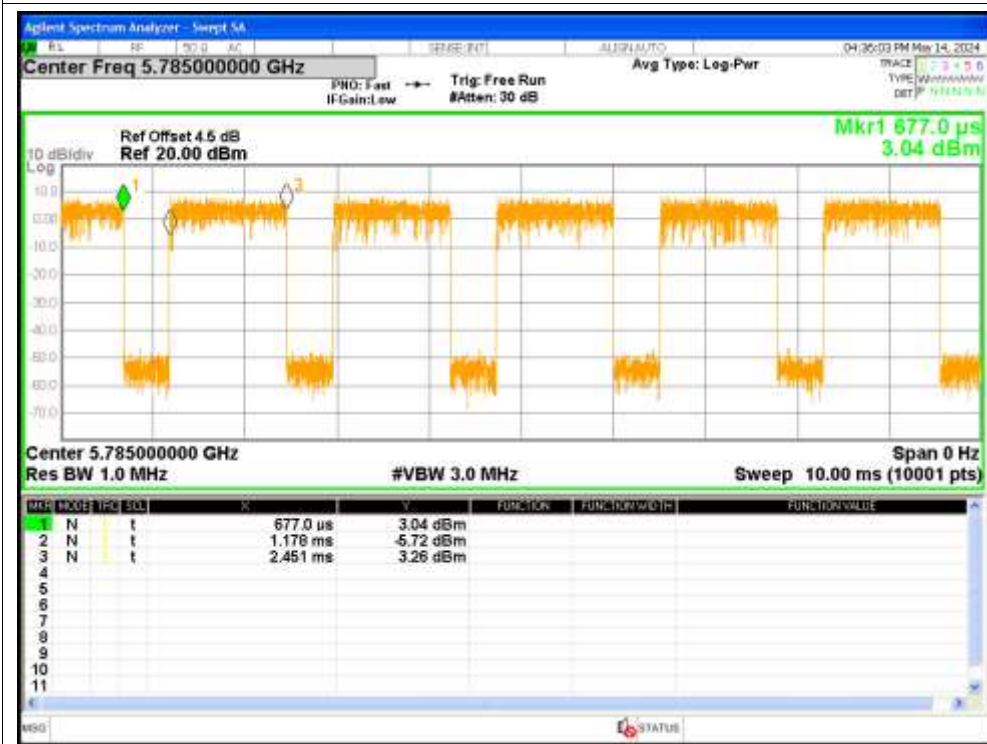
Duty Cycle NVNT a 5825MHz Ant2



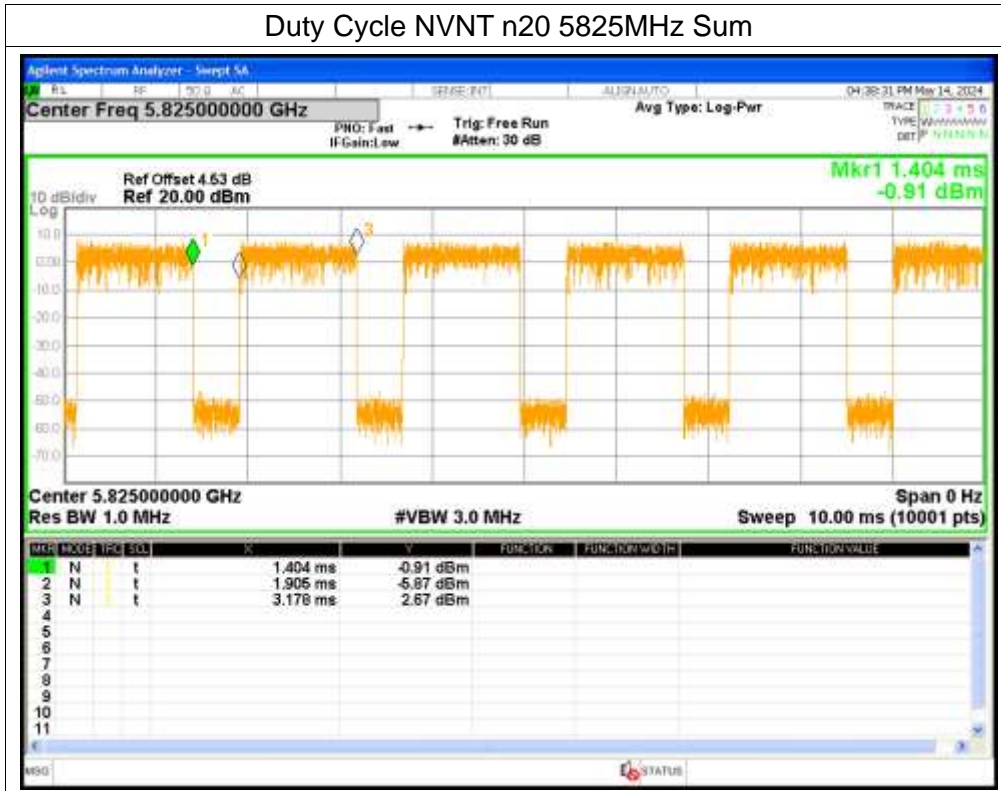
Duty Cycle NVNT n20 5745MHz Sum



Duty Cycle NVNT n20 5785MHz Sum



Duty Cycle NVNT n20 5825MHz Sum

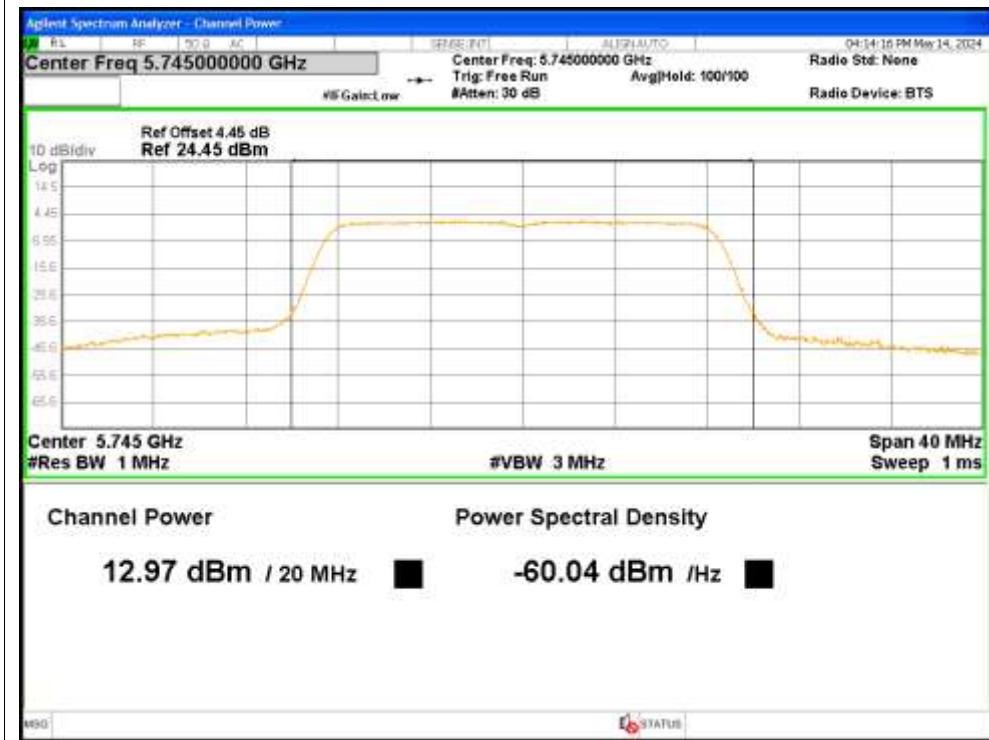


2. Maximum Conducted Output Power

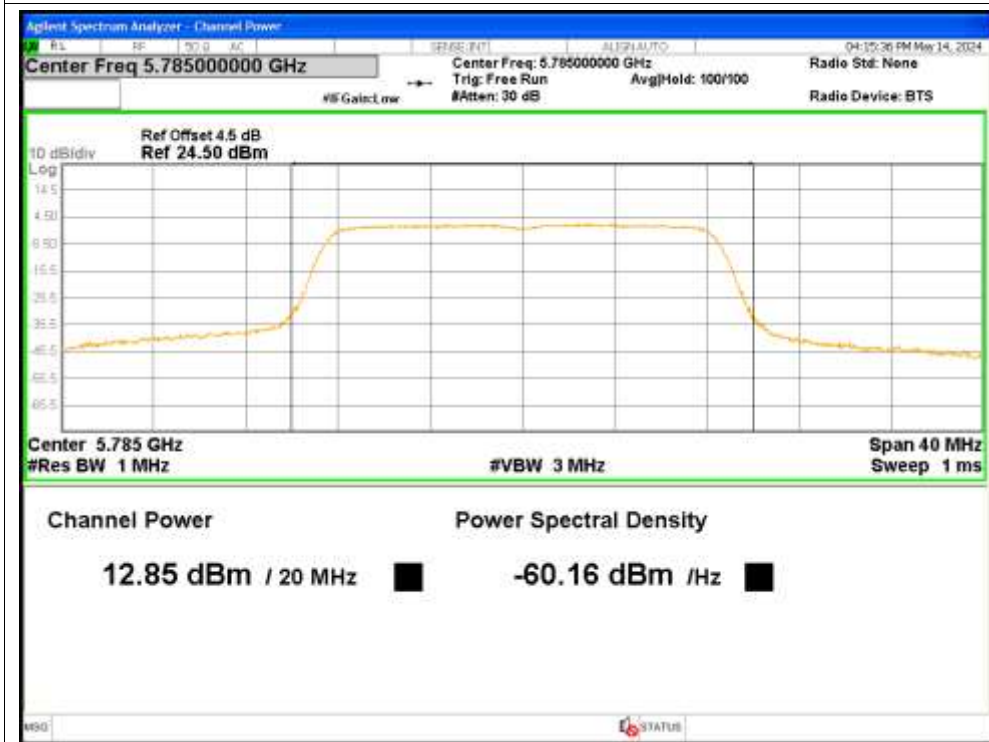
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.97	1.36	14.33	<=30	Pass
NVNT	a	5785	Ant1	12.85	1.36	14.21	<=30	Pass
NVNT	a	5825	Ant1	12.69	1.36	14.05	<=30	Pass
NVNT	a	5745	Ant2	9.12	1.36	10.48	<=30	Pass
NVNT	a	5785	Ant2	10.12	1.36	11.48	<=30	Pass
NVNT	a	5825	Ant2	11.12	1.36	12.48	<=30	Pass
NVNT	n20	5745	Ant1	12.2	1.44	13.64	<=30	Pass
NVNT	n20	5745	Ant2	8.59	1.44	10.03	<=30	Pass
NVNT	n20	5745	Sum	13.77	1.44	15.21	<=30	Pass
NVNT	n20	5785	Ant1	11.96	1.44	13.4	<=30	Pass
NVNT	n20	5785	Ant2	9.48	1.44	10.92	<=30	Pass
NVNT	n20	5785	Sum	13.9	1.44	15.34	<=30	Pass
NVNT	n20	5825	Ant1	11.97	1.44	13.41	<=30	Pass
NVNT	n20	5825	Ant2	10.54	1.44	11.98	<=30	Pass
NVNT	n20	5825	Sum	14.32	1.44	15.76	<=30	Pass

Test Graphs

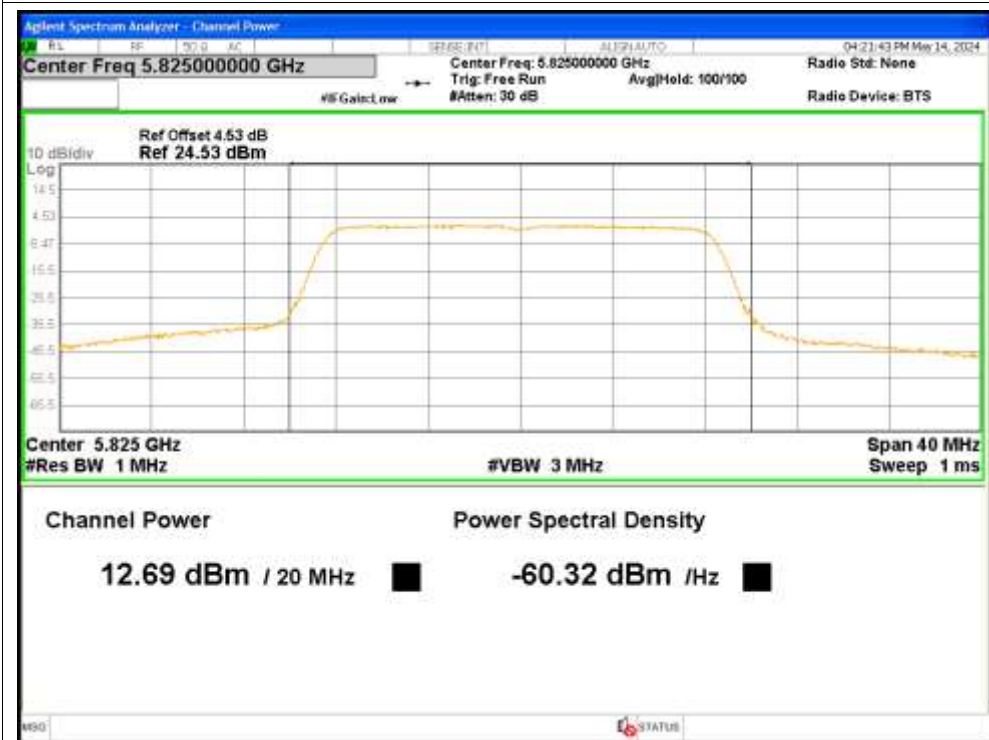
Power NVNT a 5745MHz Ant1



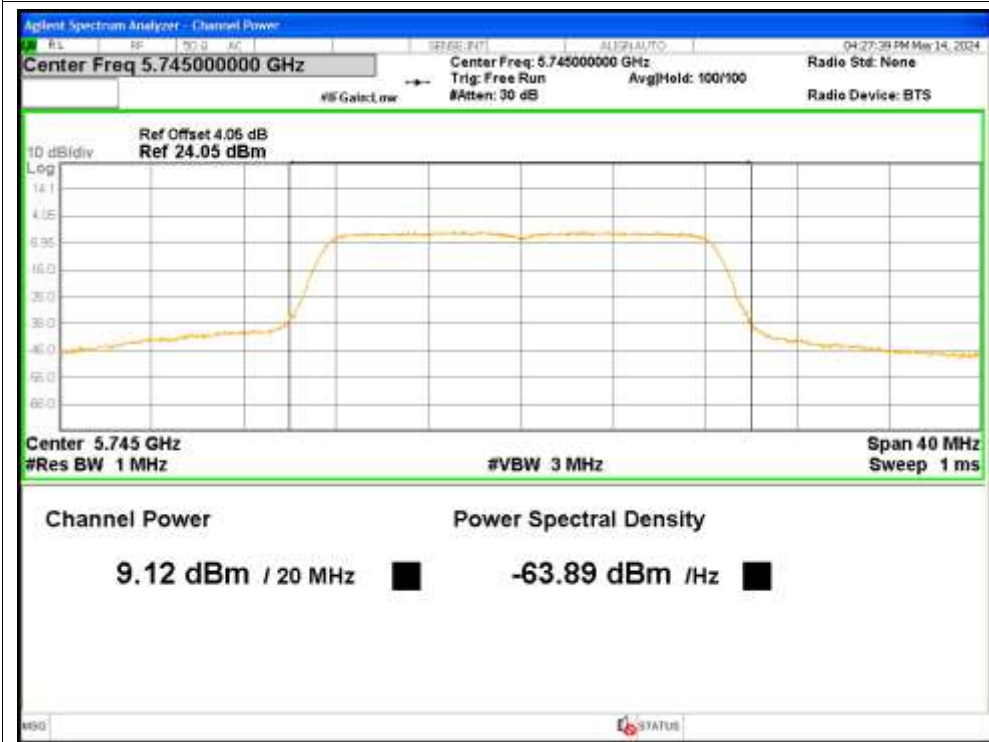
Power NVNT a 5785MHz Ant1



Power NVNT a 5825MHz Ant1



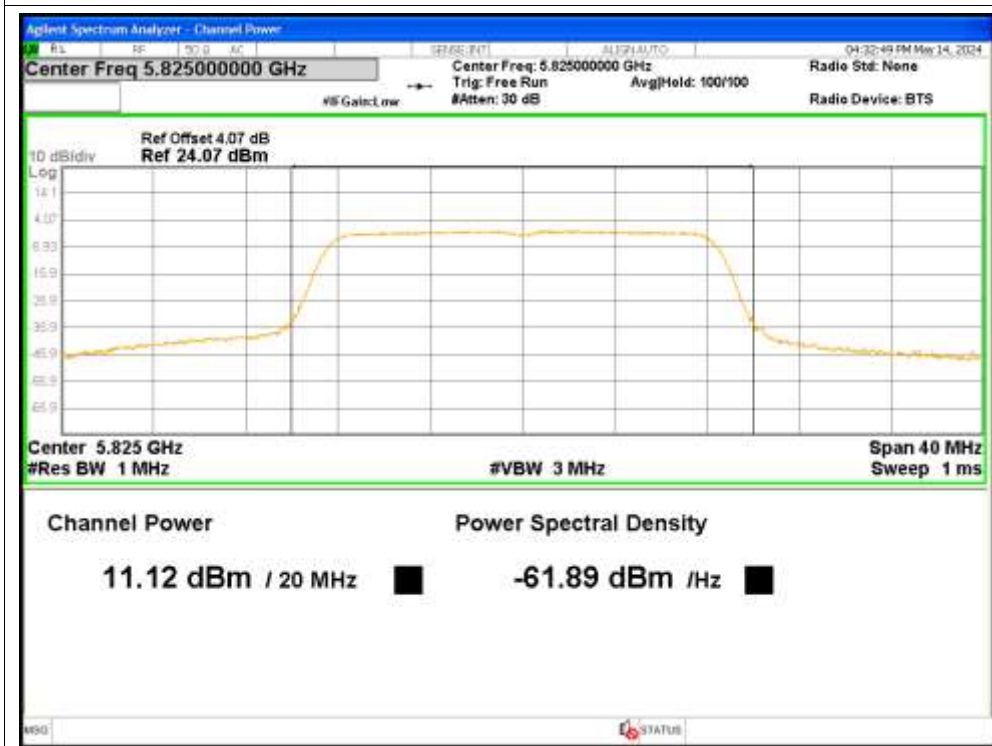
Power NVNT a 5745MHz Ant2



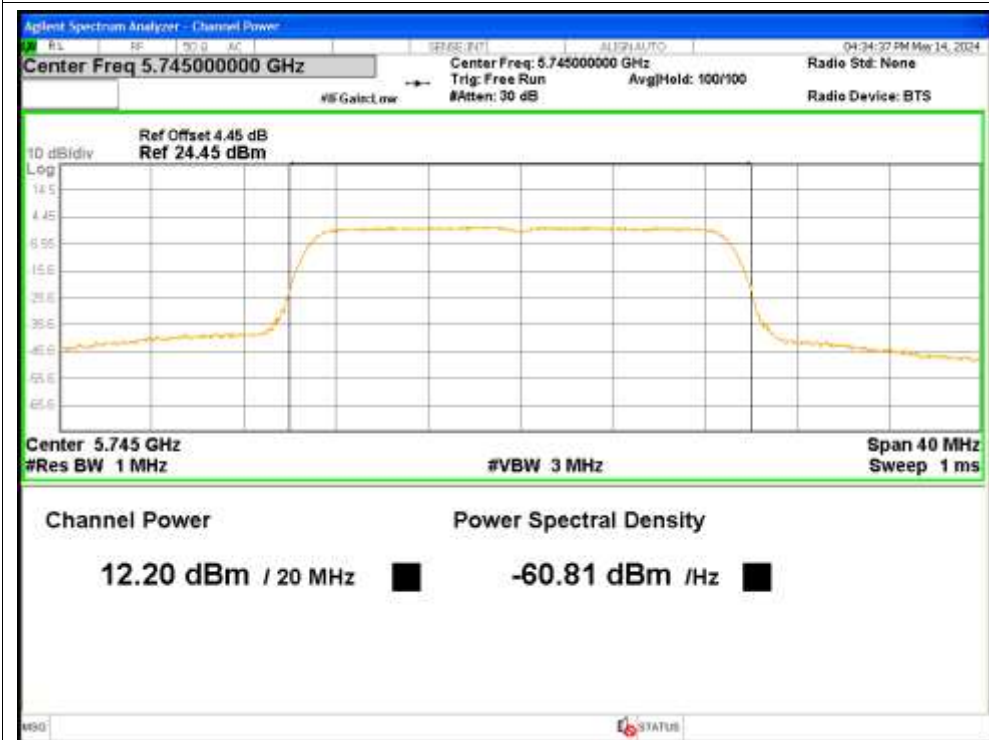
Power NVNT a 5785MHz Ant2



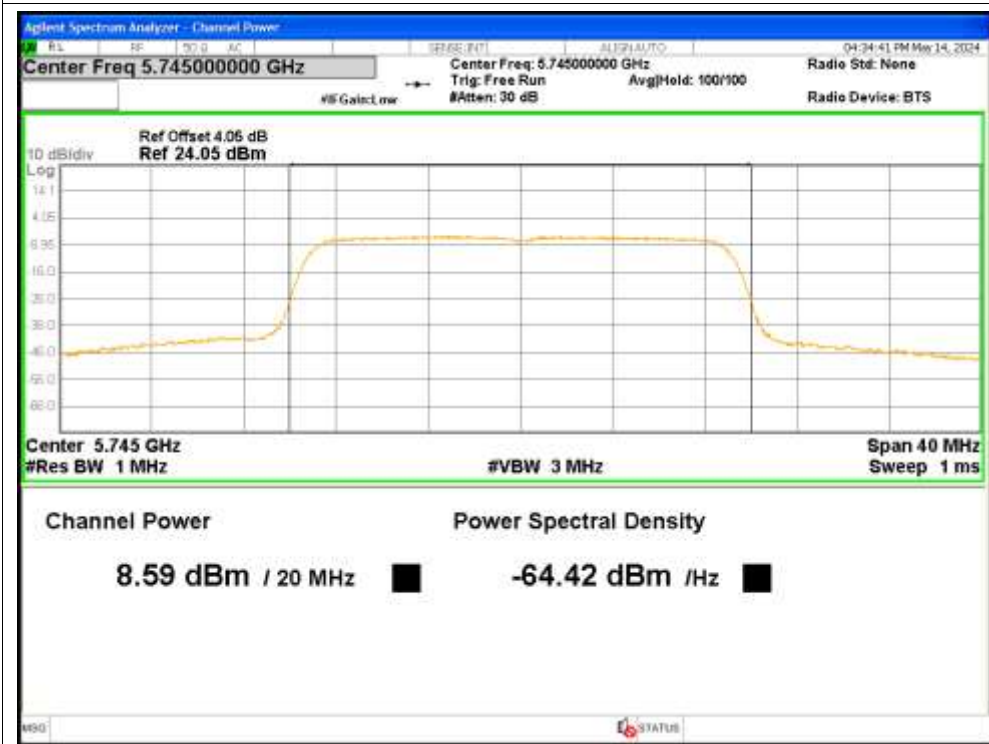
Power NVNT a 5825MHz Ant2



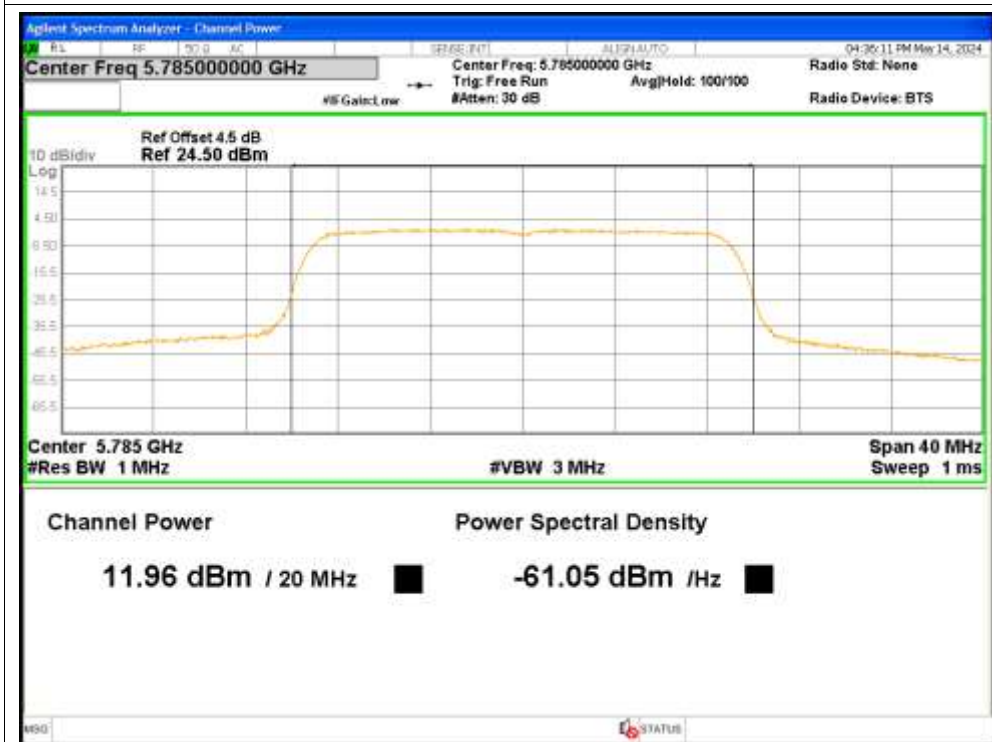
Power NVNT n20 5745MHz Ant1



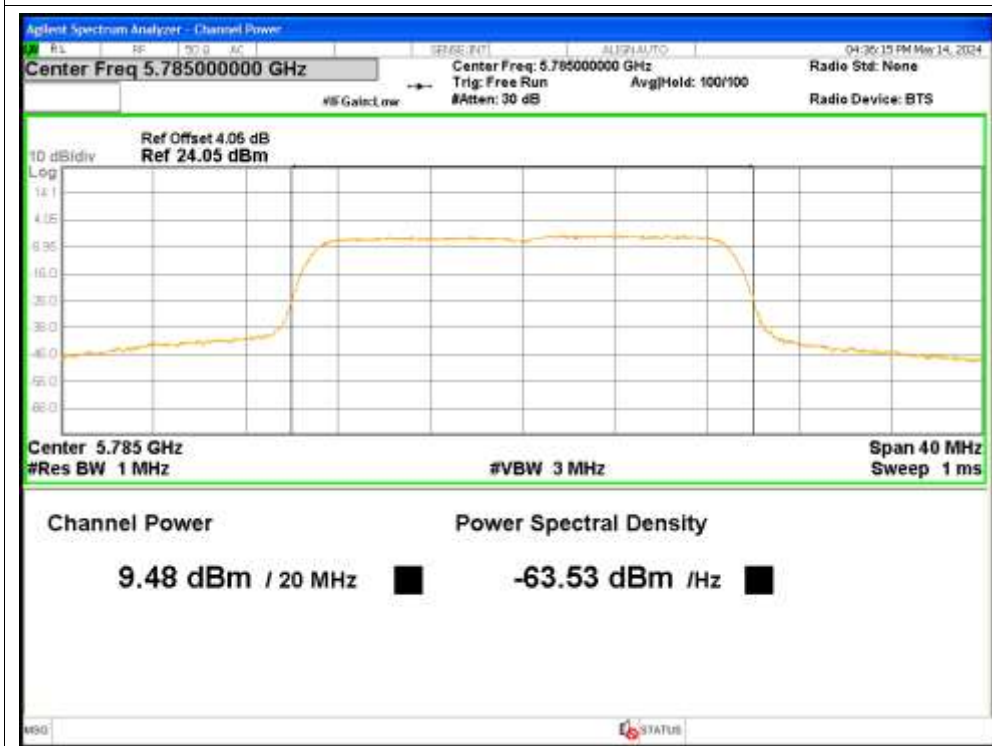
Power NVNT n20 5745MHz Ant2



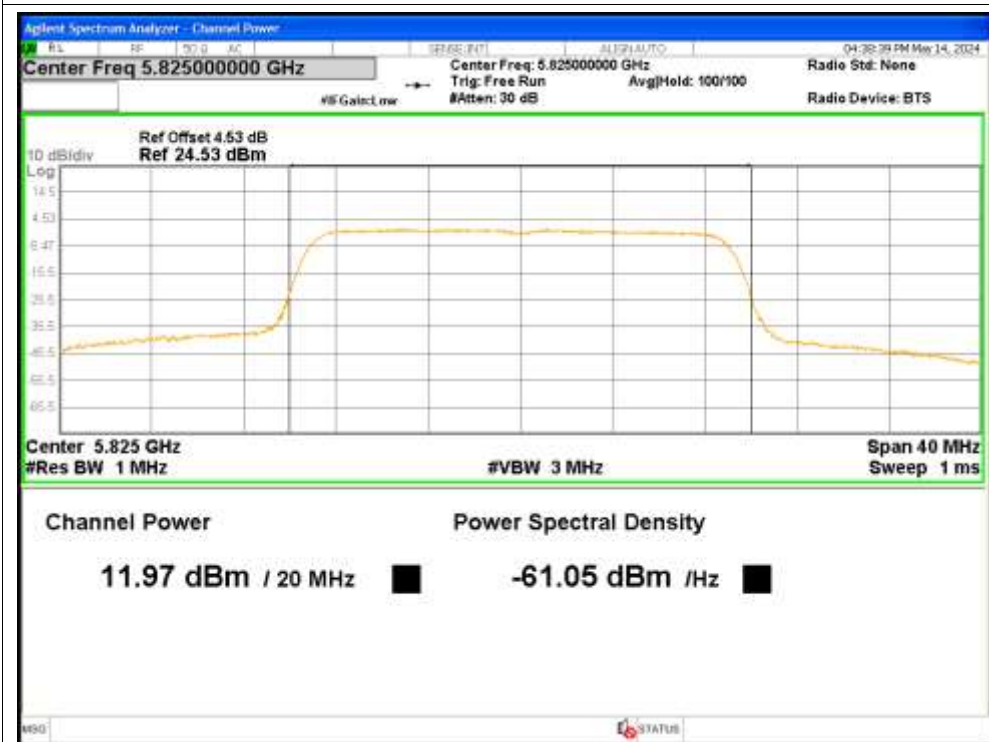
Power NVNT n20 5785MHz Ant1



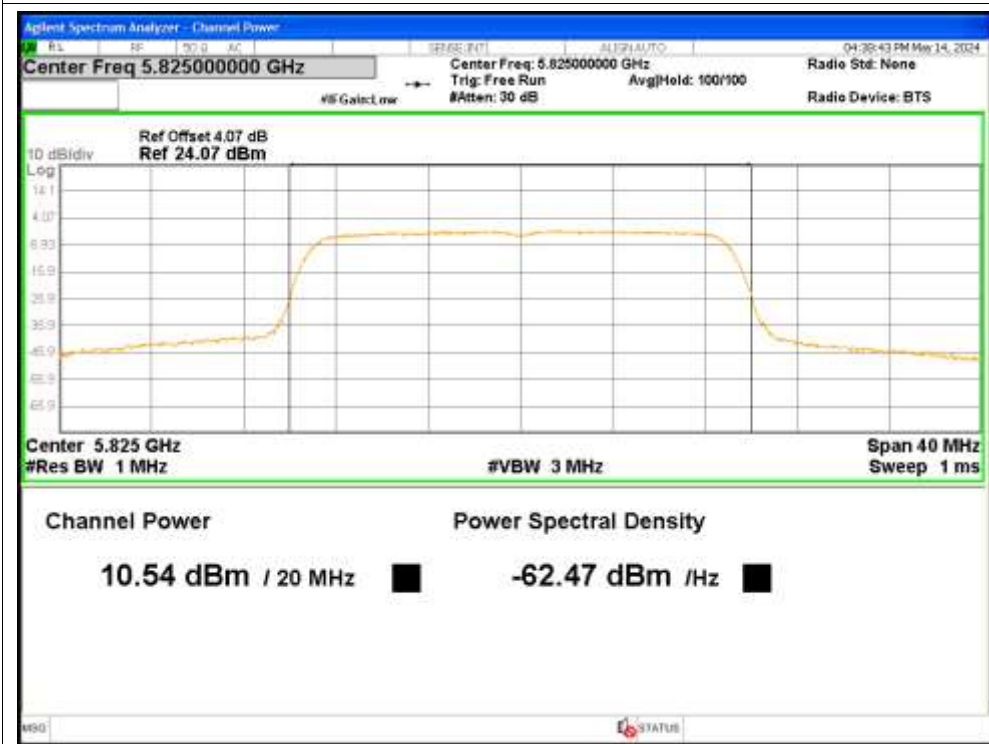
Power NVNT n20 5785MHz Ant2



Power NVNT n20 5825MHz Ant1



Power NVNT n20 5825MHz Ant2

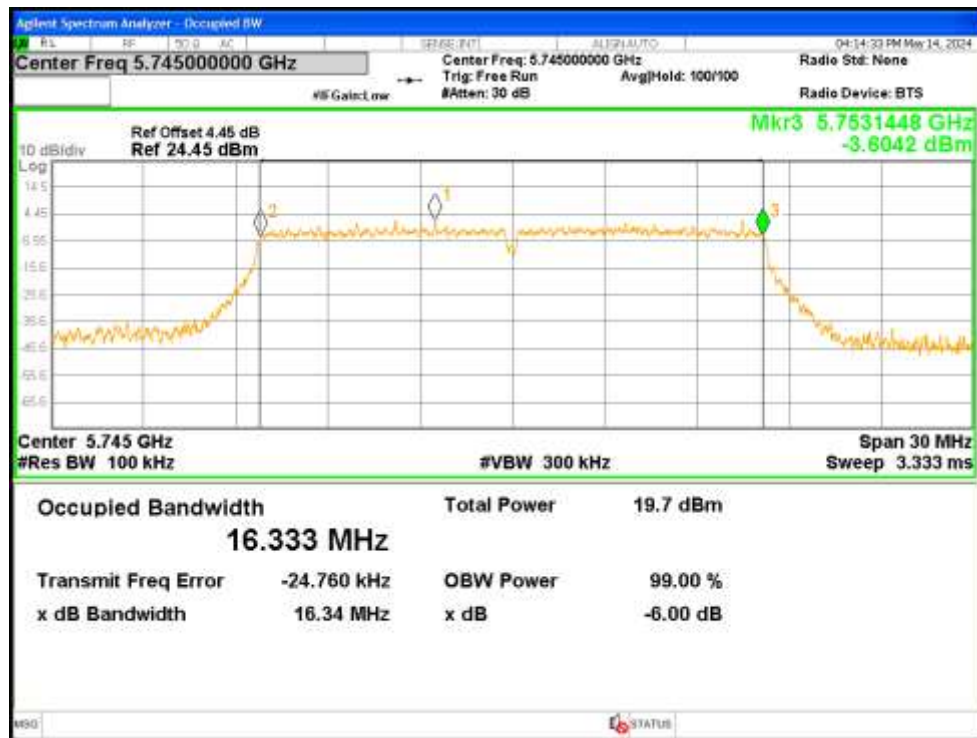


3. -6dB Bandwidth

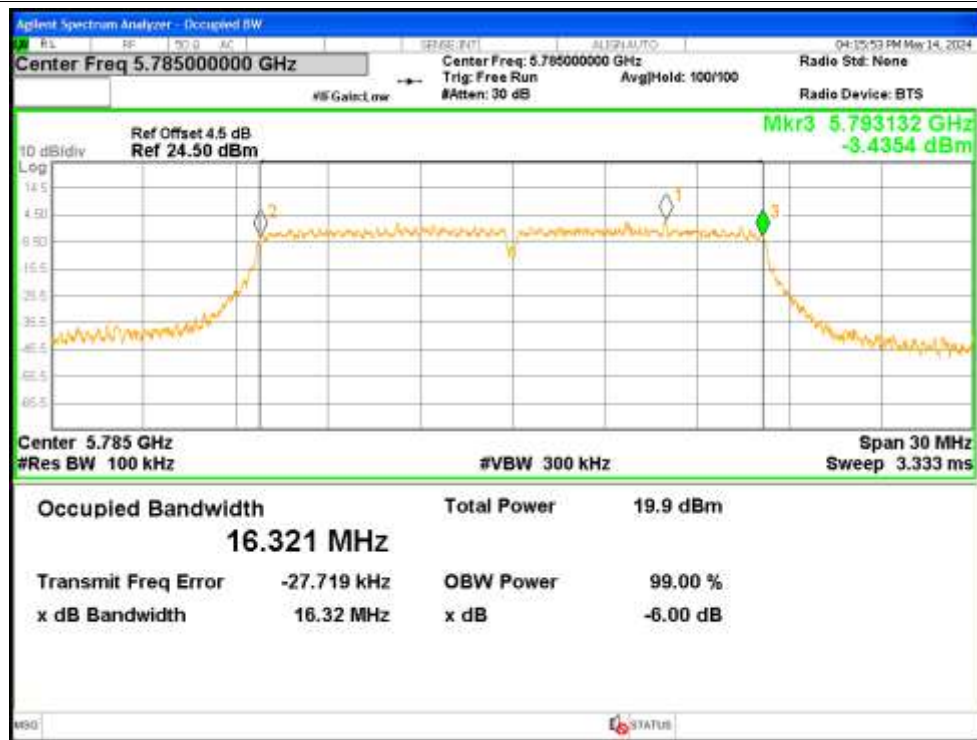
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.3391	≥ 0.5	Pass
NVNT	a	5785	Ant1	16.3195	≥ 0.5	Pass
NVNT	a	5825	Ant1	16.0405	≥ 0.5	Pass
NVNT	a	5745	Ant2	16.2928	≥ 0.5	Pass
NVNT	a	5785	Ant2	16.3174	≥ 0.5	Pass
NVNT	a	5825	Ant2	16.2623	≥ 0.5	Pass
NVNT	n20	5745	Ant1	17.5365	≥ 0.5	Pass
NVNT	n20	5745	Ant2	17.5594	≥ 0.5	Pass
NVNT	n20	5785	Ant1	16.8746	≥ 0.5	Pass
NVNT	n20	5785	Ant2	17.2727	≥ 0.5	Pass
NVNT	n20	5825	Ant1	17.5284	≥ 0.5	Pass
NVNT	n20	5825	Ant2	16.6201	≥ 0.5	Pass

Test Graphs

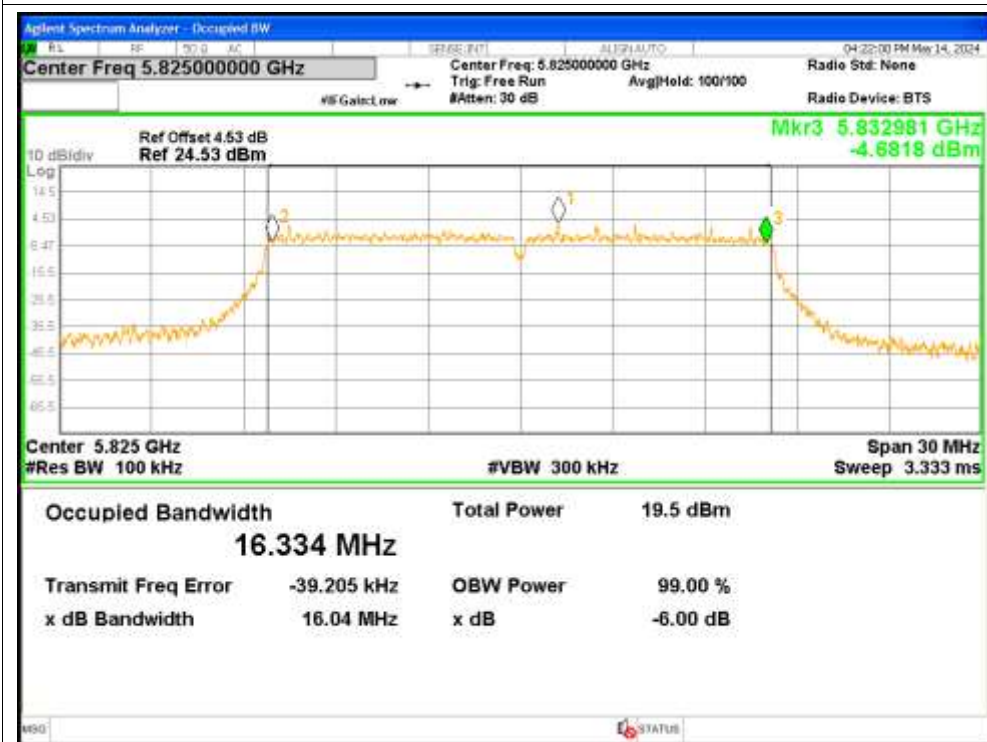
-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



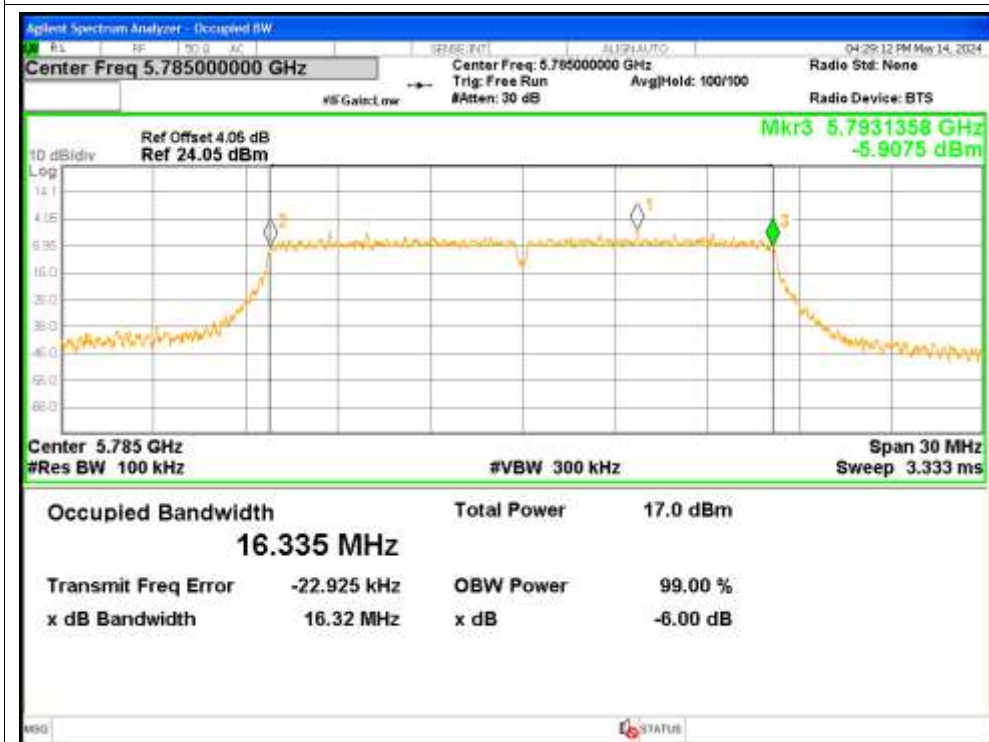
-6dB Bandwidth NVNT a 5825MHz Ant1



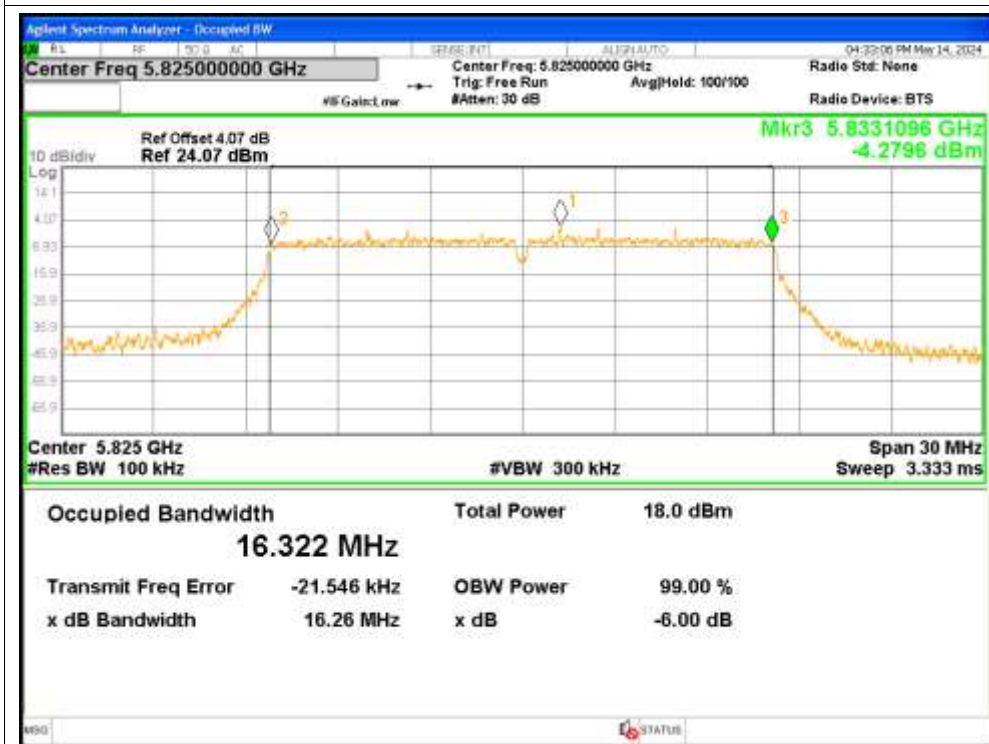
-6dB Bandwidth NVNT a 5745MHz Ant2



-6dB Bandwidth NVNT a 5785MHz Ant2



-6dB Bandwidth NVNT a 5825MHz Ant2



-6dB Bandwidth NVNT n20 5745MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant2



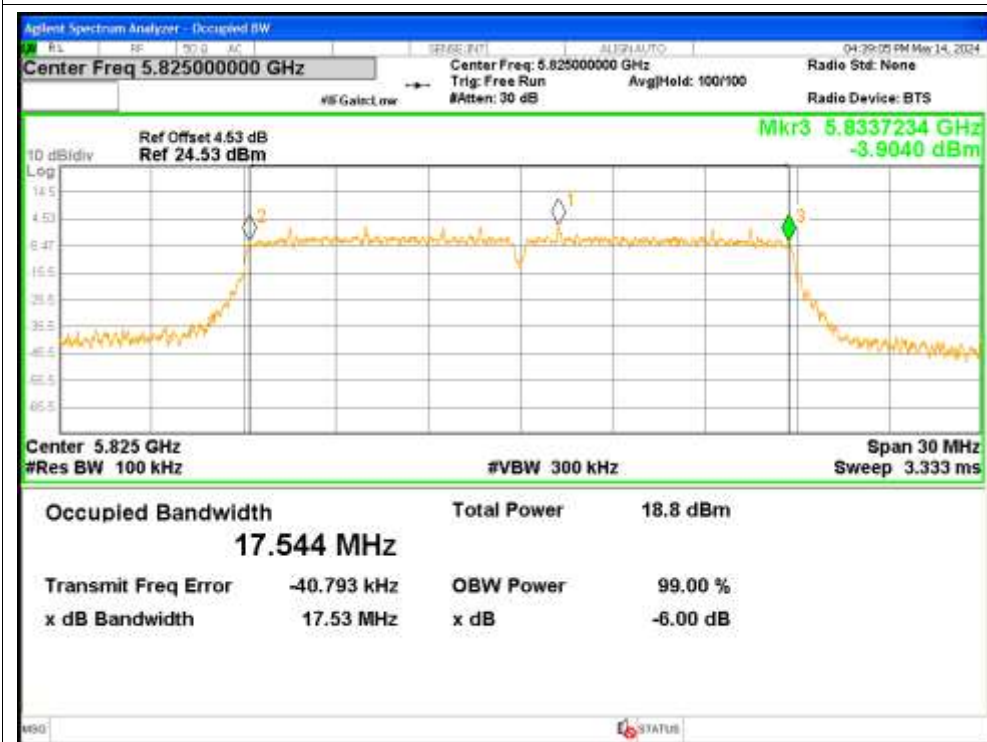
-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5785MHz Ant2



-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant2



4. Occupied Channel Bandwidth

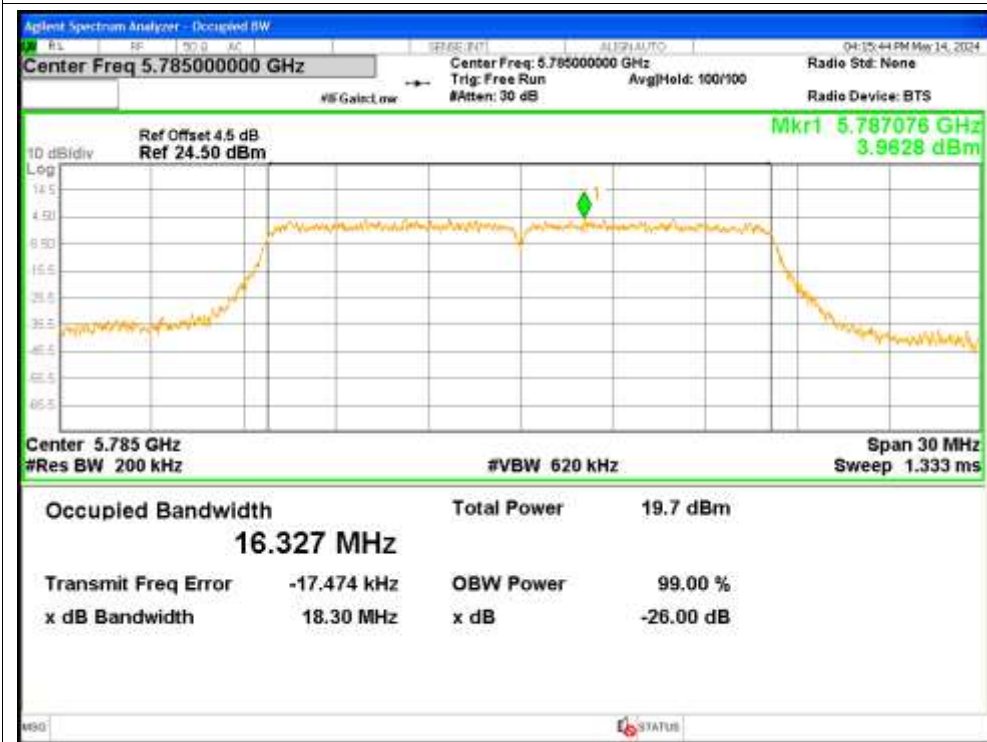
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.3417
NVNT	a	5785	Ant1	16.3274
NVNT	a	5825	Ant1	16.3396
NVNT	a	5745	Ant2	16.355
NVNT	a	5785	Ant2	16.365
NVNT	a	5825	Ant2	16.3249
NVNT	n20	5745	Ant1	17.5372
NVNT	n20	5745	Ant2	17.5325
NVNT	n20	5785	Ant1	17.5229
NVNT	n20	5785	Ant2	17.532
NVNT	n20	5825	Ant1	17.529
NVNT	n20	5825	Ant2	17.5252

Test Graphs

OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1



OBW NVNT a 5745MHz Ant2



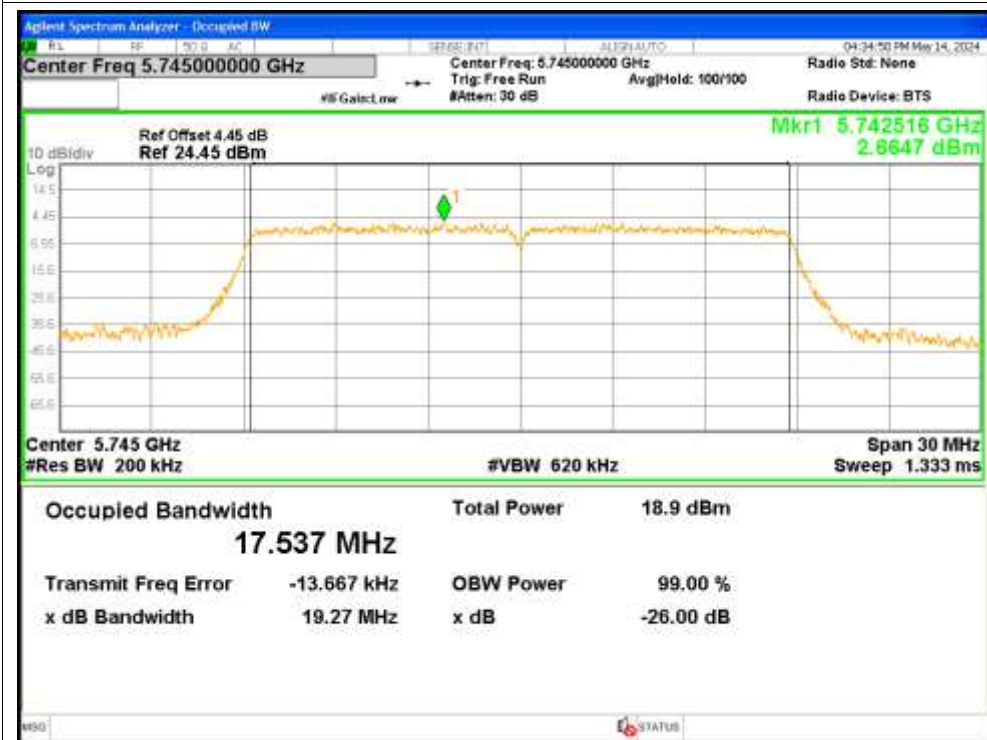
OBW NVNT a 5785MHz Ant2



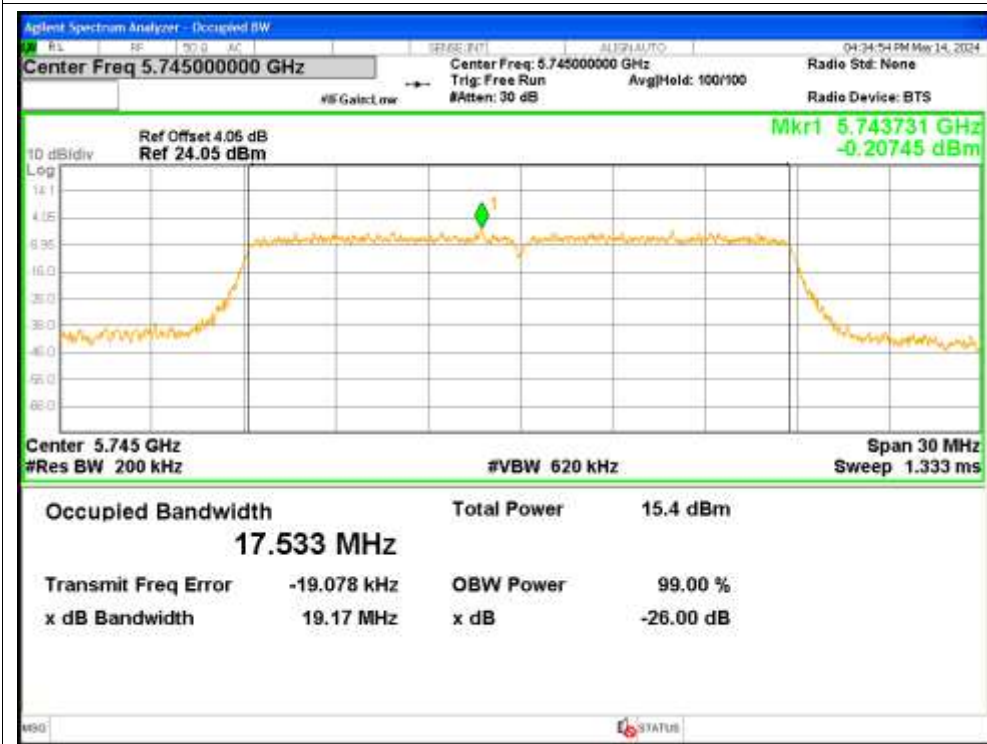
OBW NVNT a 5825MHz Ant2



OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5745MHz Ant2



OBW NVNT n20 5785MHz Ant1



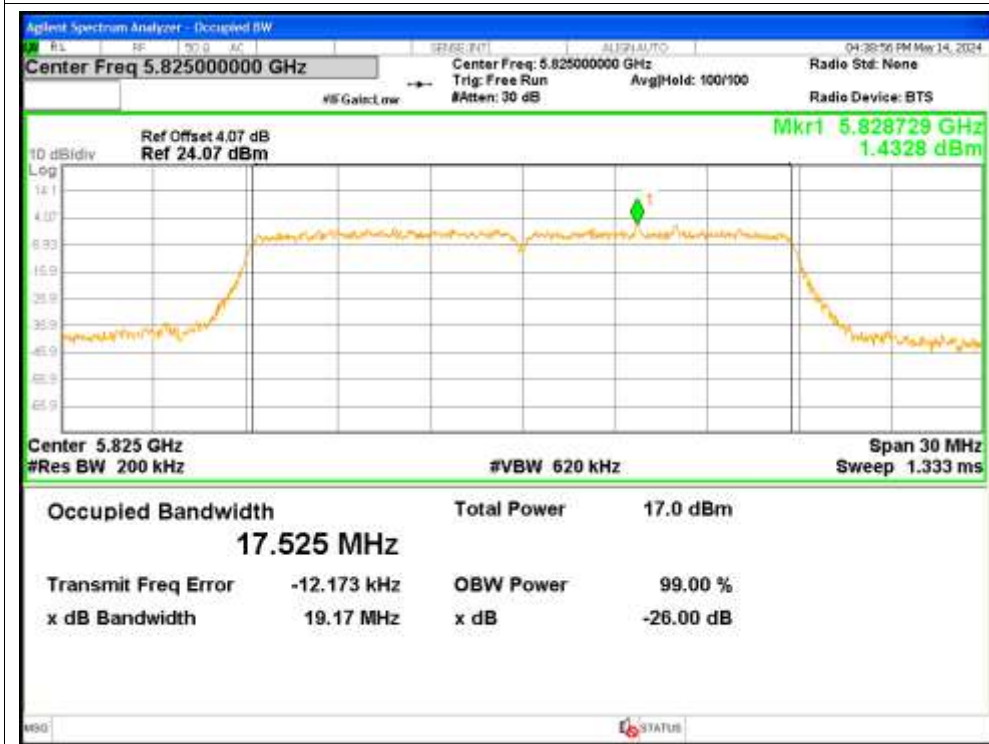
OBW NVNT n20 5785MHz Ant2



OBW NVNT n20 5825MHz Ant1



OBW NVNT n20 5825MHz Ant2



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	-0.253	1.36	1.107	<=30	Pass
NVNT	a	5785	Ant1	-0.209	1.36	1.151	<=30	Pass
NVNT	a	5825	Ant1	-0.819	1.36	0.541	<=30	Pass
NVNT	a	5745	Ant2	-3.792	1.36	-2.432	<=30	Pass
NVNT	a	5785	Ant2	-3.197	1.36	-1.837	<=30	Pass
NVNT	a	5825	Ant2	-2.652	1.36	-1.292	<=30	Pass
NVNT	n20	5745	Ant1	-1.832	1.44	-0.392	<=30	Pass
NVNT	n20	5745	Ant2	-5.238	1.44	-3.798	<=30	Pass
NVNT	n20	5745	Sum	-0.199	1.44	1.241	<=30	Pass
NVNT	n20	5785	Ant1	-1.629	1.44	-0.189	<=30	Pass
NVNT	n20	5785	Ant2	-3.978	1.44	-2.538	<=30	Pass
NVNT	n20	5785	Sum	0.364	1.44	1.804	<=30	Pass
NVNT	n20	5825	Ant1	-1.642	1.44	-0.202	<=30	Pass
NVNT	n20	5825	Ant2	-3.372	1.44	-1.932	<=30	Pass
NVNT	n20	5825	Sum	0.589	1.44	2.029	<=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 5745MHz Ant2



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5785MHz Ant2



PSD NVNT n20 5825MHz Ant1



PSD NVNT n20 5825MHz Ant2

