

1. Duty Cycle

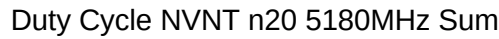
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	73.13	1.36	0.73
NVNT	a	5200	Ant1	73.16	1.36	0.73
NVNT	a	5240	Ant1	73.16	1.36	0.73
NVNT	a	5180	Ant2	73.13	1.36	0.73
NVNT	a	5200	Ant2	73.13	1.36	0.73
NVNT	a	5240	Ant2	73.13	1.36	0.73
NVNT	n20	5180	Sum	71.81	1.44	0.78
NVNT	n20	5200	Sum	71.83	1.44	0.78
NVNT	n20	5240	Sum	71.81	1.44	0.78
NVNT	n40	5190	Sum	55.93	2.52	1.58
NVNT	n40	5230	Sum	55.93	2.52	1.58

Duty Cycle NVNT a 5240MHz Ant1

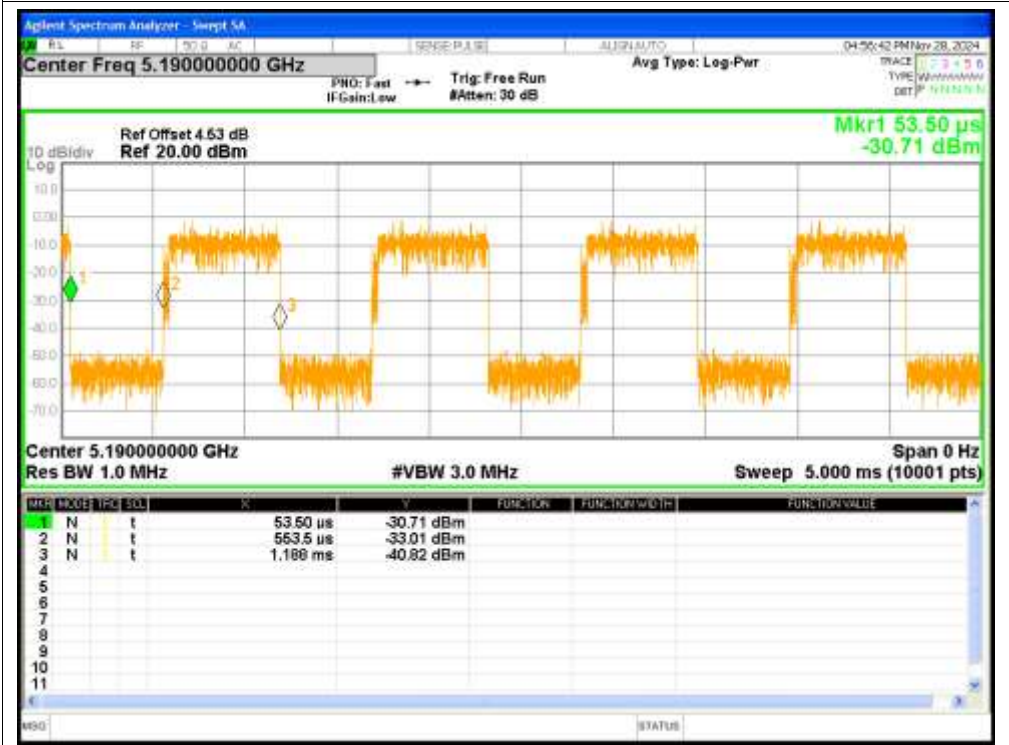


Duty Cycle NVNT a 5180MHz Ant2





Duty Cycle NVNT n20 5240MHz Sum

[illegible]

Duty Cycle NVNT n40 5230MHz Sum

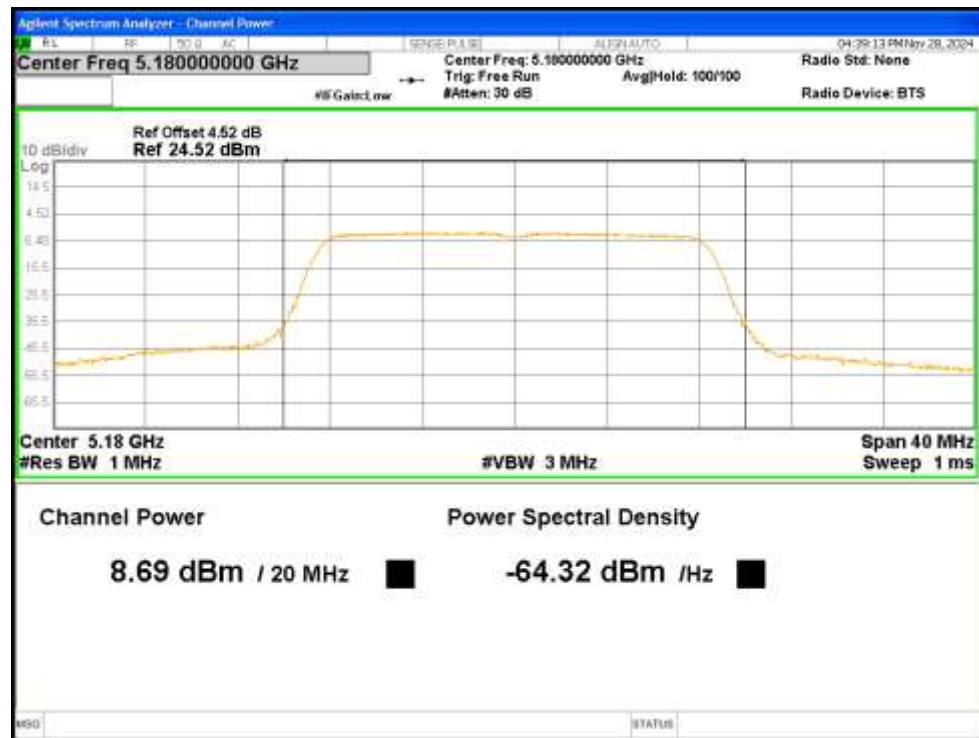


2. Maximum Conducted Output Power

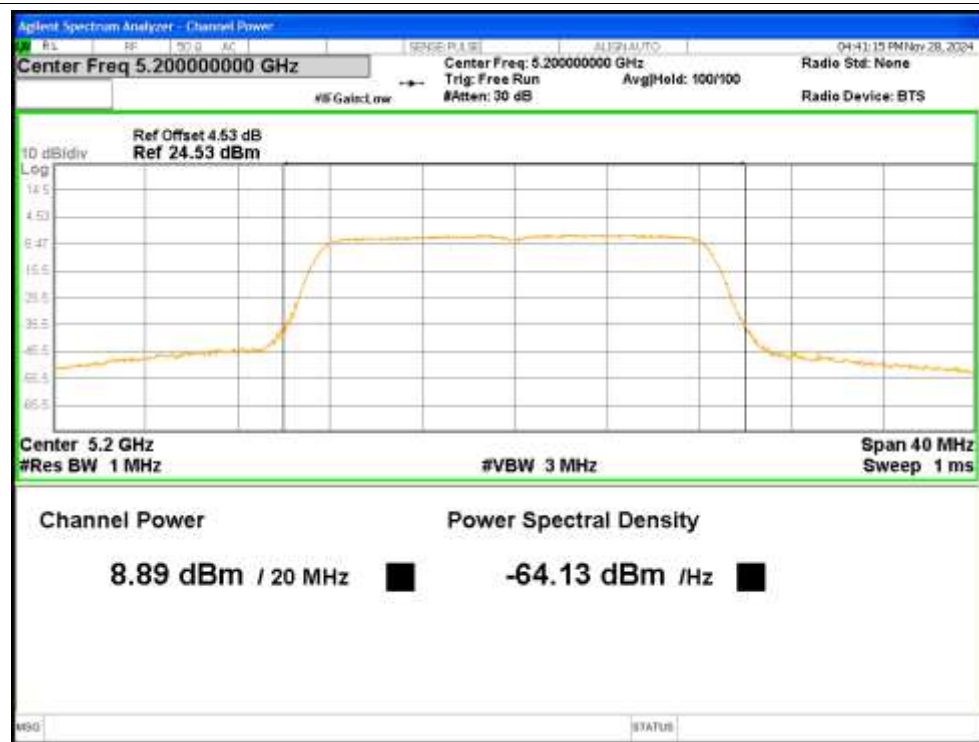
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	8.69	1.36	10.05	<=24	Pass
NVNT	a	5200	Ant1	8.89	1.36	10.25	<=24	Pass
NVNT	a	5240	Ant1	10.31	1.36	11.67	<=24	Pass
NVNT	a	5180	Ant2	7.36	1.36	8.72	<=24	Pass
NVNT	a	5200	Ant2	7.74	1.36	9.1	<=24	Pass
NVNT	a	5240	Ant2	7.9	1.36	9.26	<=24	Pass
NVNT	n20	5180	Ant1	7.72	1.44	9.16	<=24	Pass
NVNT	n20	5180	Ant2	6.78	1.44	8.22	<=24	Pass
NVNT	n20	5180	Sum	10.29	1.44	11.73	<=23.96	Pass
NVNT	n20	5200	Ant1	7.99	1.44	9.43	<=24	Pass
NVNT	n20	5200	Ant2	6.59	1.44	8.03	<=24	Pass
NVNT	n20	5200	Sum	10.36	1.44	11.8	<=23.96	Pass
NVNT	n20	5240	Ant1	9.19	1.44	10.63	<=24	Pass
NVNT	n20	5240	Ant2	7.16	1.44	8.6	<=24	Pass
NVNT	n20	5240	Sum	11.3	1.44	12.74	<=23.96	Pass
NVNT	n40	5190	Ant1	6.62	2.52	9.14	<=24	Pass
NVNT	n40	5190	Ant2	5.52	2.52	8.04	<=24	Pass
NVNT	n40	5190	Sum	9.12	2.52	11.64	<=23.96	Pass
NVNT	n40	5230	Ant1	8.17	2.52	10.69	<=24	Pass
NVNT	n40	5230	Ant2	6.33	2.52	8.85	<=24	Pass
NVNT	n40	5230	Sum	10.36	2.52	12.88	<=23.96	Pass

Test Graphs

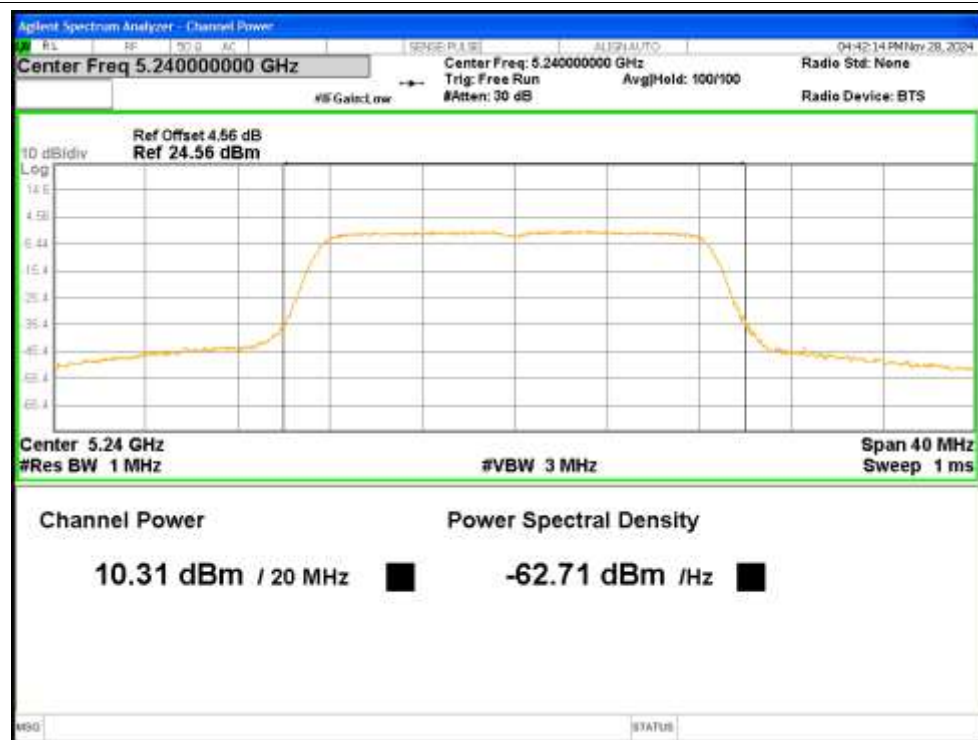
Power NVNT a 5180MHz Ant1



Power NVNT a 5200MHz Ant1



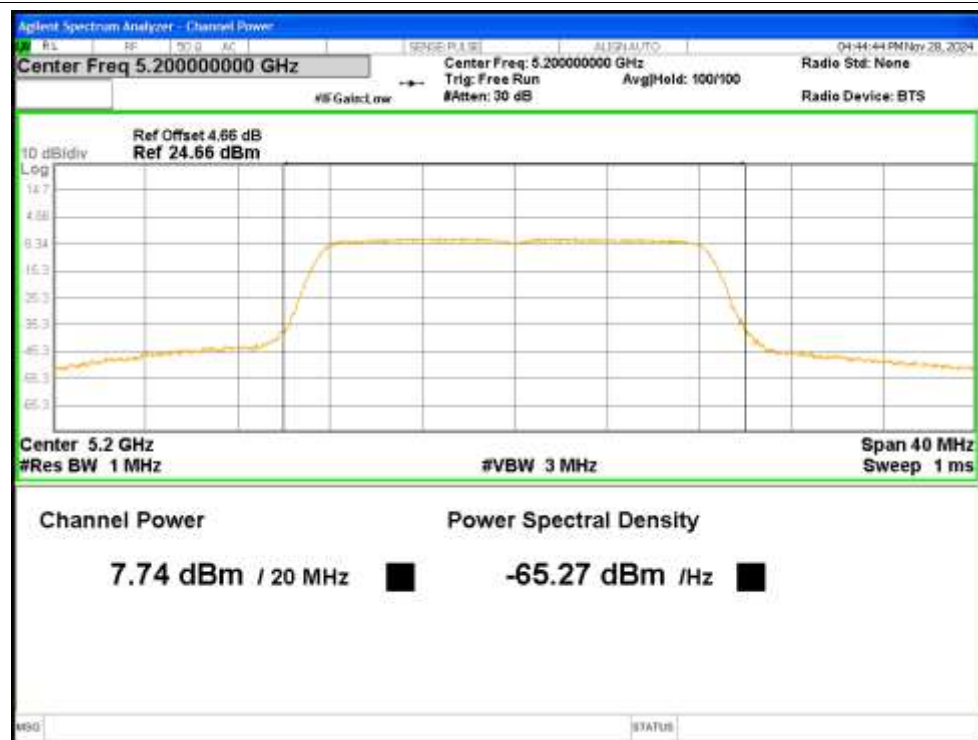
Power NVNT a 5240MHz Ant1



Power NVNT a 5180MHz Ant2



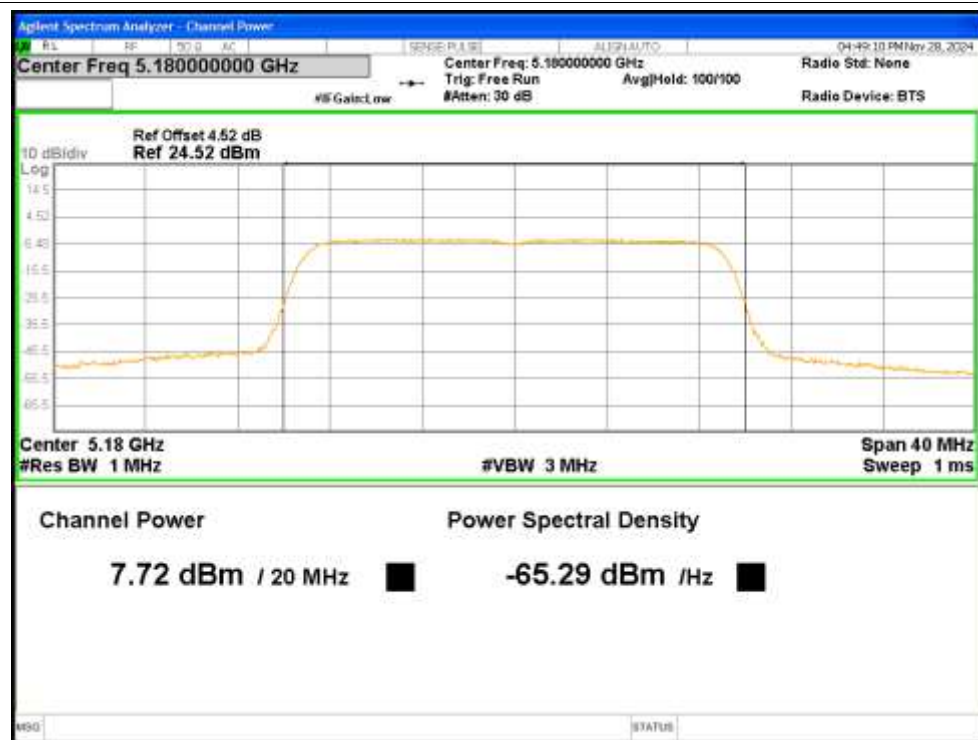
Power NVNT a 5200MHz Ant2



Power NVNT a 5240MHz Ant2



Power NVNT n20 5180MHz Ant1



Power NVNT n20 5180MHz Ant2



Power NVNT n20 5200MHz Ant1



Power NVNT n20 5200MHz Ant2



Power NVNT n20 5240MHz Ant1



Power NVNT n20 5240MHz Ant2



Power NVNT n40 5190MHz Ant1



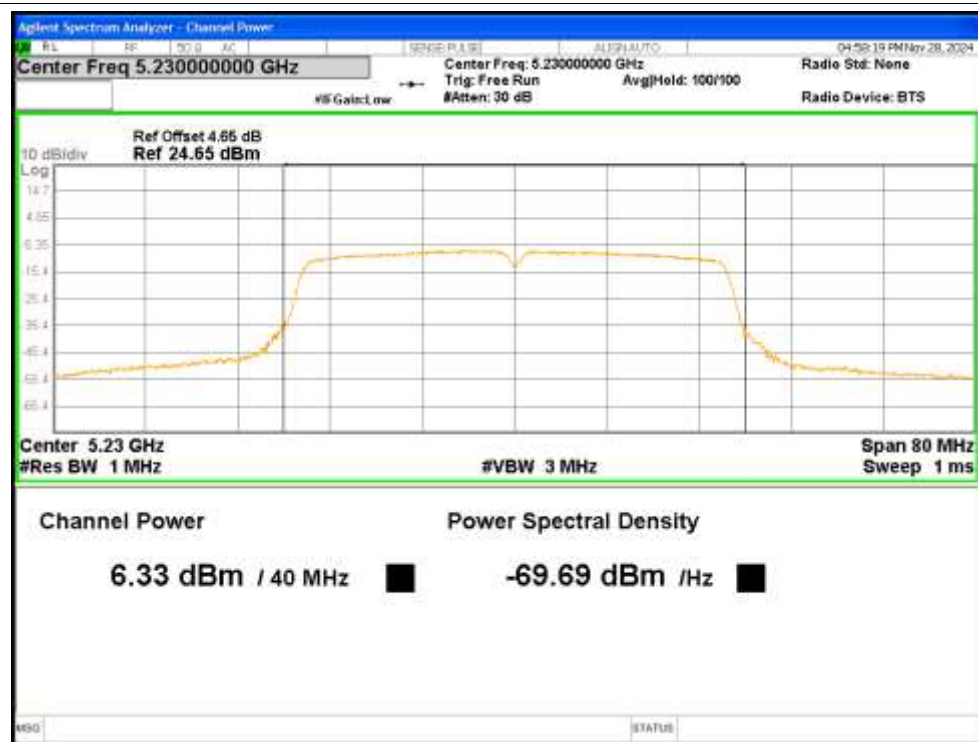
Power NVNT n40 5190MHz Ant2



Power NVNT n40 5230MHz Ant1



Power NVNT n40 5230MHz Ant2



3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.5801	Pass
NVNT	a	5200	Ant1	18.5899	Pass
NVNT	a	5240	Ant1	18.6479	Pass
NVNT	a	5180	Ant2	18.651	Pass
NVNT	a	5200	Ant2	18.5805	Pass
NVNT	a	5240	Ant2	18.4515	Pass
NVNT	n20	5180	Ant1	19.4978	Pass
NVNT	n20	5180	Ant2	19.5075	Pass
NVNT	n20	5200	Ant1	19.5955	Pass
NVNT	n20	5200	Ant2	19.6299	Pass
NVNT	n20	5240	Ant1	19.5188	Pass
NVNT	n20	5240	Ant2	19.5559	Pass
NVNT	n40	5190	Ant1	40.9689	Pass
NVNT	n40	5190	Ant2	41.0914	Pass
NVNT	n40	5230	Ant1	40.8762	Pass
NVNT	n40	5230	Ant2	40.7297	Pass

Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1



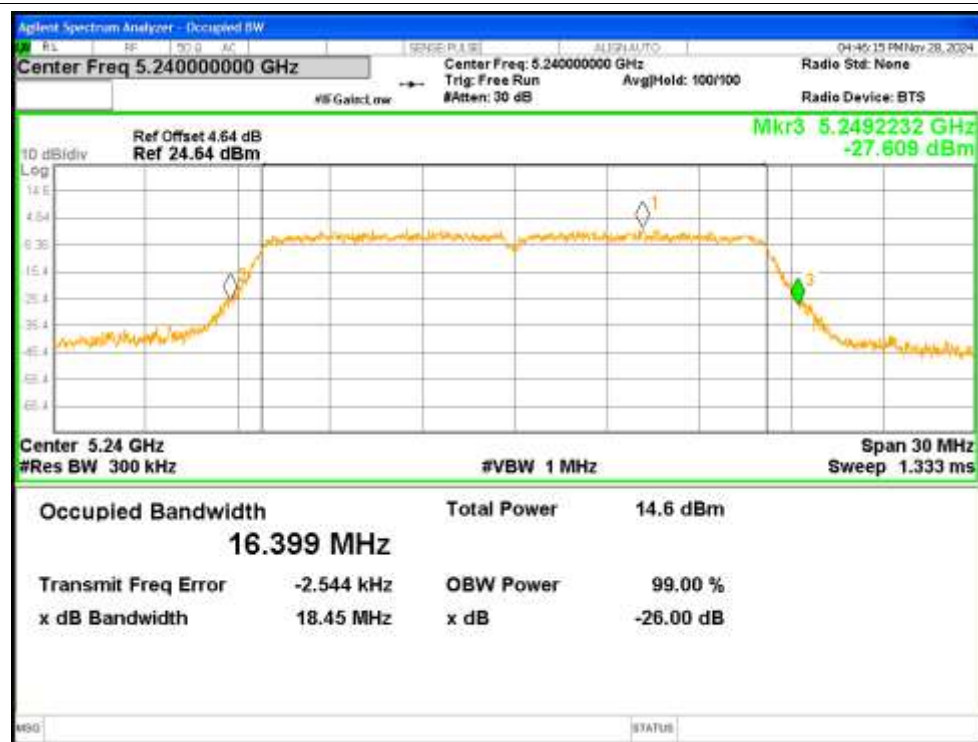
-26dB Bandwidth NVNT a 5180MHz Ant2



-26dB Bandwidth NVNT a 5200MHz Ant2



-26dB Bandwidth NVNT a 5240MHz Ant2



-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant2



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant2



-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant2



-26dB Bandwidth NVNT n40 5190MHz Ant1**-26dB Bandwidth NVNT n40 5190MHz Ant2**

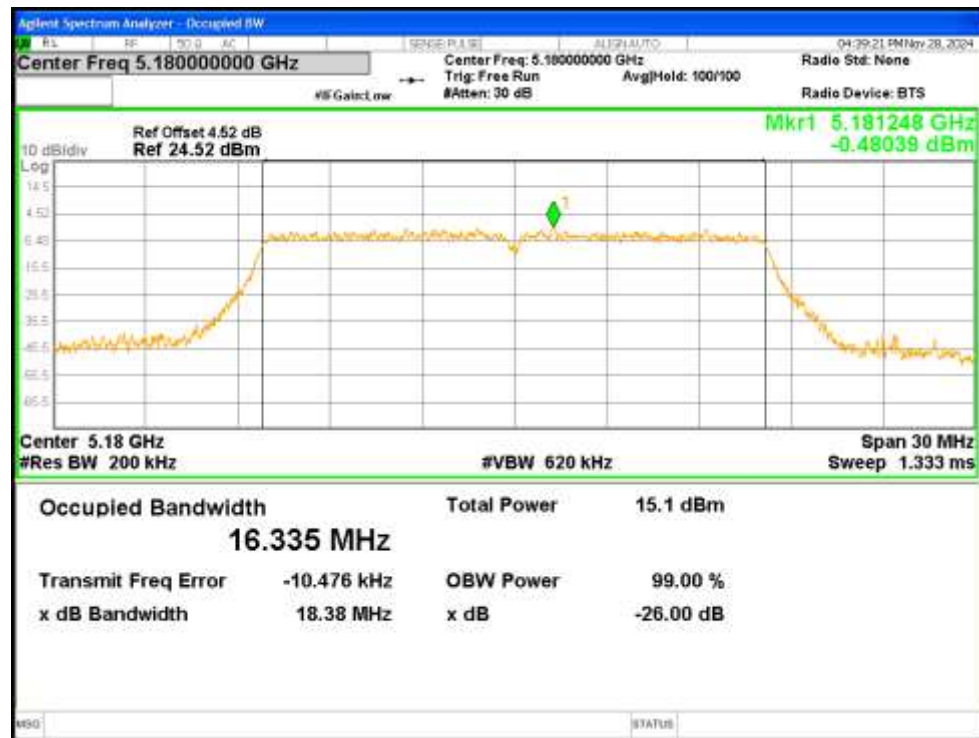
-26dB Bandwidth NVNT n40 5230MHz Ant1**-26dB Bandwidth NVNT n40 5230MHz Ant2**

4. Occupied Channel Bandwidth

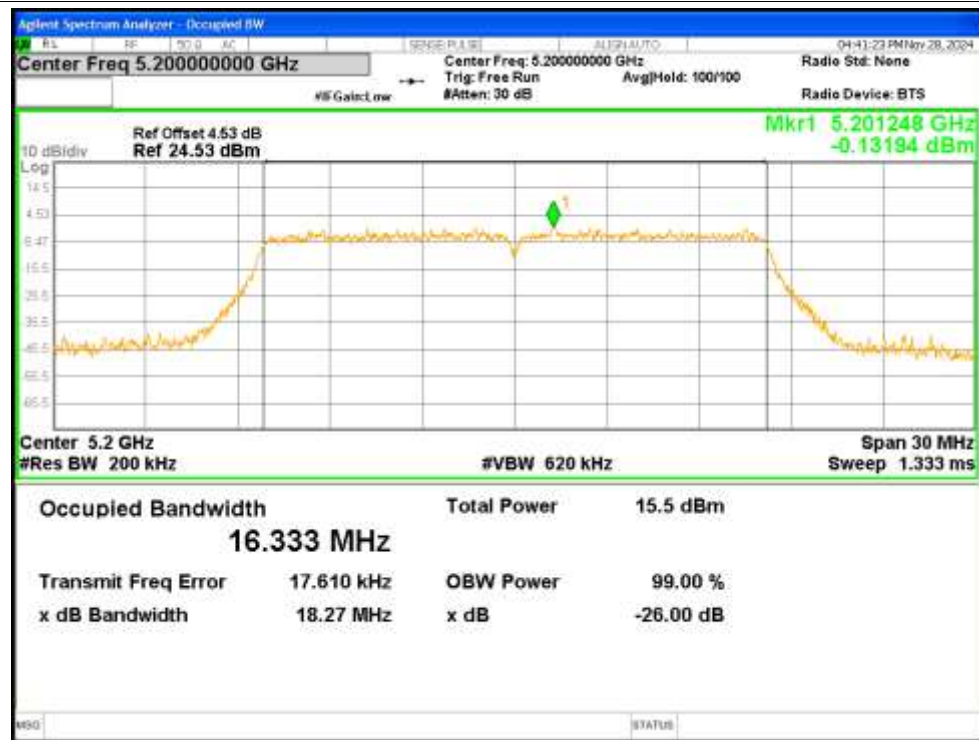
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.3347
NVNT	a	5200	Ant1	16.3333
NVNT	a	5240	Ant1	16.3446
NVNT	a	5180	Ant2	16.3298
NVNT	a	5200	Ant2	16.3422
NVNT	a	5240	Ant2	16.3409
NVNT	n20	5180	Ant1	17.5278
NVNT	n20	5180	Ant2	17.5248
NVNT	n20	5200	Ant1	17.5168
NVNT	n20	5200	Ant2	17.5184
NVNT	n20	5240	Ant1	17.5323
NVNT	n20	5240	Ant2	17.5268
NVNT	n40	5190	Ant1	36.0584
NVNT	n40	5190	Ant2	36.0492
NVNT	n40	5230	Ant1	35.9944
NVNT	n40	5230	Ant2	36.0422

Test Graphs

OBW NVNT a 5180MHz Ant1



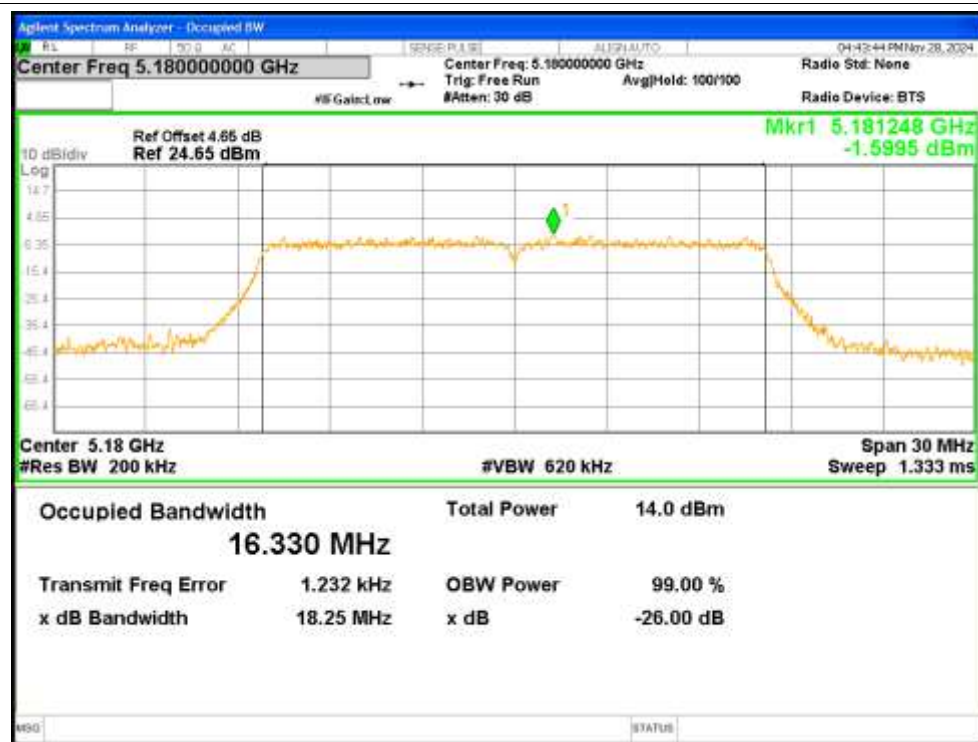
OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1



OBW NVNT a 5180MHz Ant2



OBW NVNT a 5200MHz Ant2



OBW NVNT a 5240MHz Ant2



OBW NVNT n20 5180MHz Ant1



OBW NVNT n20 5180MHz Ant2



OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5200MHz Ant2



OBW NVNT n20 5240MHz Ant1



OBW NVNT n20 5240MHz Ant2



OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant1



OBW NVNT n40 5230MHz Ant2



5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.343	1.36	0.017	<=11	Pass
NVNT	a	5200	Ant1	-1.545	1.36	-0.185	<=11	Pass
NVNT	a	5240	Ant1	0.145	1.36	1.505	<=11	Pass
NVNT	a	5180	Ant2	-3.092	1.36	-1.732	<=11	Pass
NVNT	a	5200	Ant2	-2.612	1.36	-1.252	<=11	Pass
NVNT	a	5240	Ant2	-2.766	1.36	-1.406	<=11	Pass
NVNT	n20	5180	Ant1	-2.924	1.44	-1.484	<=11	Pass
NVNT	n20	5180	Ant2	-4.379	1.44	-2.939	<=11	Pass
NVNT	n20	5180	Sum	-0.581	1.44	0.859	<=10.96	Pass
NVNT	n20	5200	Ant1	-2.76	1.44	-1.32	<=11	Pass
NVNT	n20	5200	Ant2	-3.933	1.44	-2.493	<=11	Pass
NVNT	n20	5200	Sum	-0.297	1.44	1.143	<=10.96	Pass
NVNT	n20	5240	Ant1	-1.286	1.44	0.154	<=11	Pass
NVNT	n20	5240	Ant2	-3.689	1.44	-2.249	<=11	Pass
NVNT	n20	5240	Sum	0.687	1.44	2.127	<=10.96	Pass
NVNT	n40	5190	Ant1	-6.679	2.52	-4.159	<=11	Pass
NVNT	n40	5190	Ant2	-7.781	2.52	-5.261	<=11	Pass
NVNT	n40	5190	Sum	-4.185	2.52	-1.665	<=10.96	Pass
NVNT	n40	5230	Ant1	-5.162	2.52	-2.642	<=11	Pass
NVNT	n40	5230	Ant2	-7.37	2.52	-4.85	<=11	Pass
NVNT	n40	5230	Sum	-3.117	2.52	-0.597	<=10.96	Pass

Test Graphs

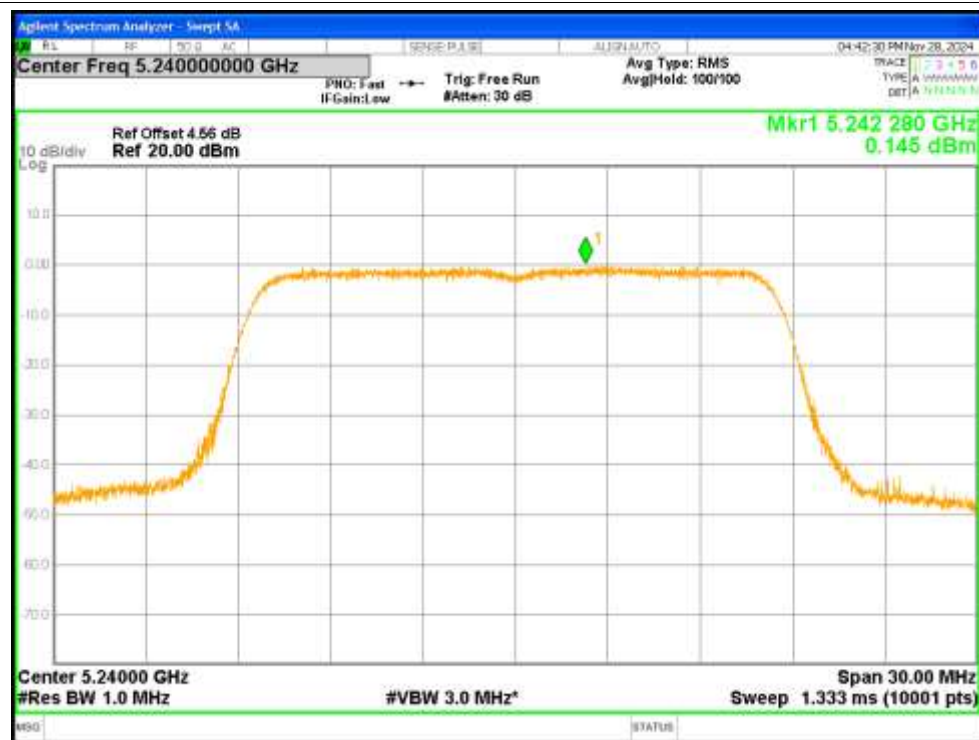
PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



PSD NVNT a 5240MHz Ant1



PSD NVNT a 5180MHz Ant2



PSD NVNT a 5200MHz Ant2



PSD NVNT a 5240MHz Ant2



PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5180MHz Ant2



PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5200MHz Ant2



PSD NVNT n20 5240MHz Ant1



PSD NVNT n20 5240MHz Ant2



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5230MHz Ant2

