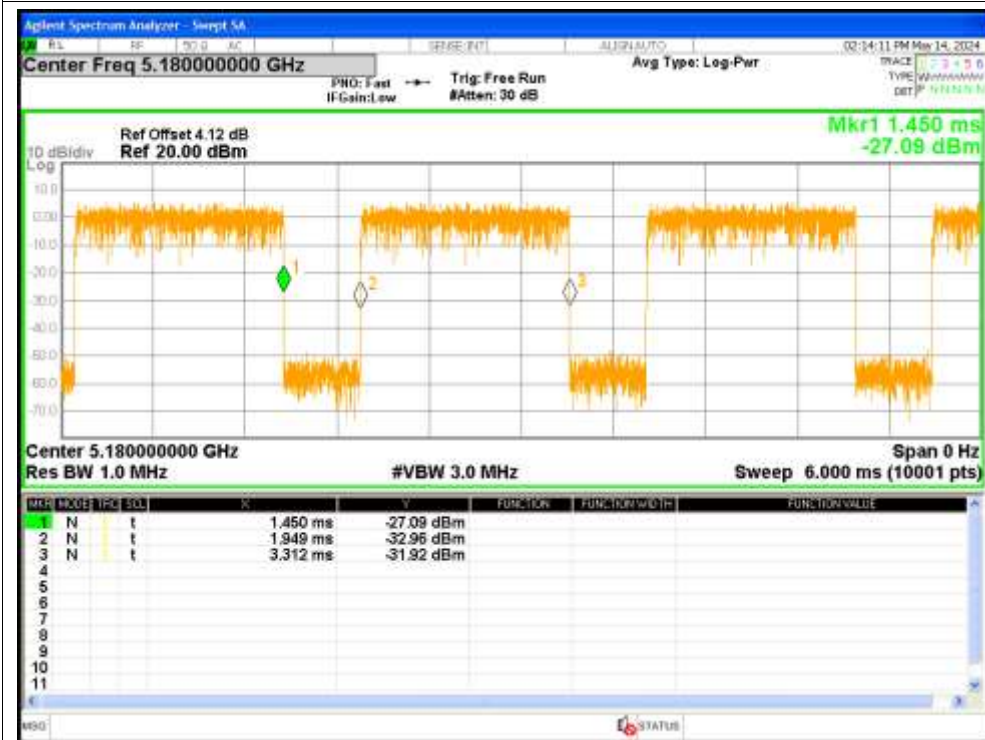


## 1. Duty Cycle

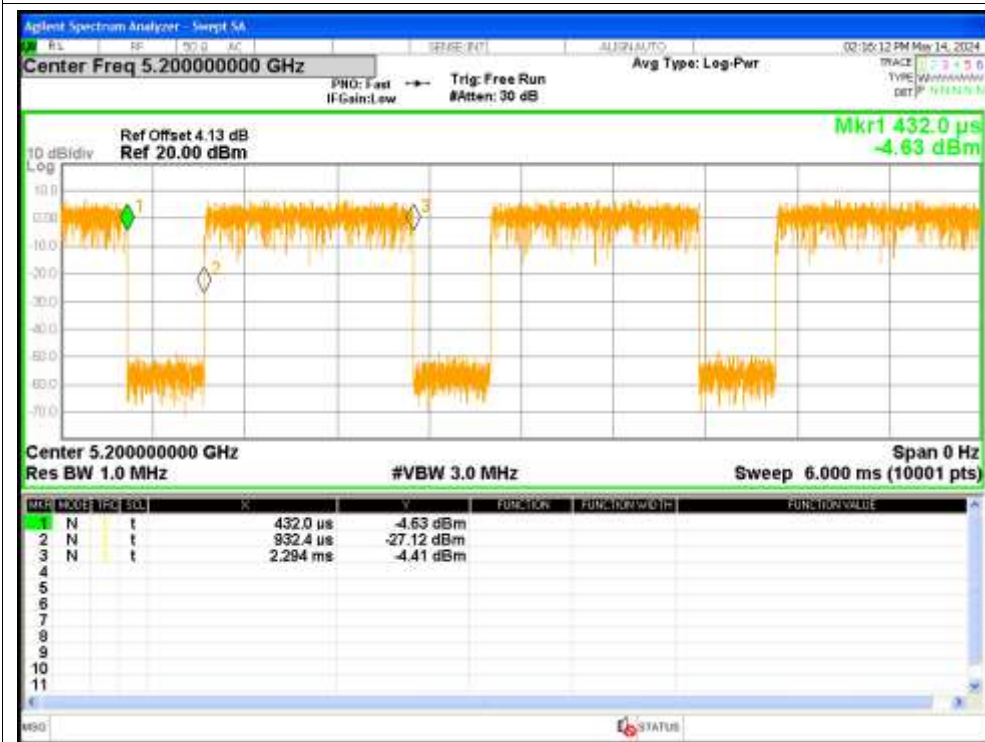
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	73.16	1.36	0.73
NVNT	a	5200	Ant1	73.13	1.36	0.73
NVNT	a	5240	Ant1	73.16	1.36	0.73
NVNT	a	5180	Ant2	73.16	1.36	0.73
NVNT	a	5200	Ant2	73.16	1.36	0.73
NVNT	a	5240	Ant2	73.16	1.36	0.73
NVNT	n20	5180	Sum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

### Test Graphs

#### Duty Cycle NVNT a 5180MHz Ant1



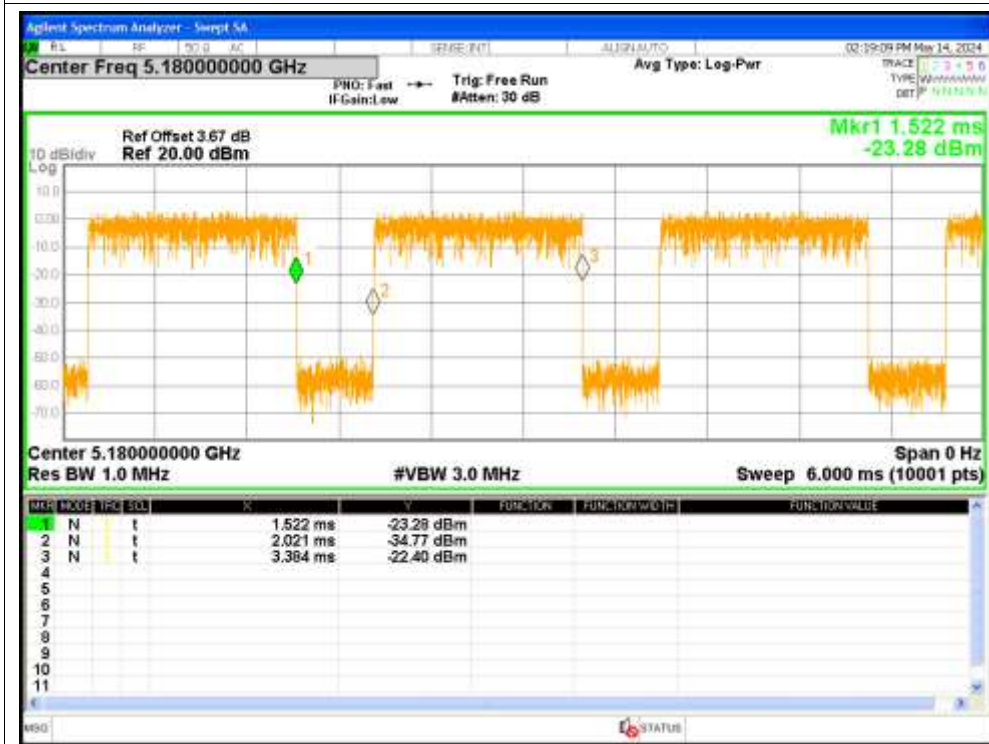
#### Duty Cycle NVNT a 5200MHz Ant1



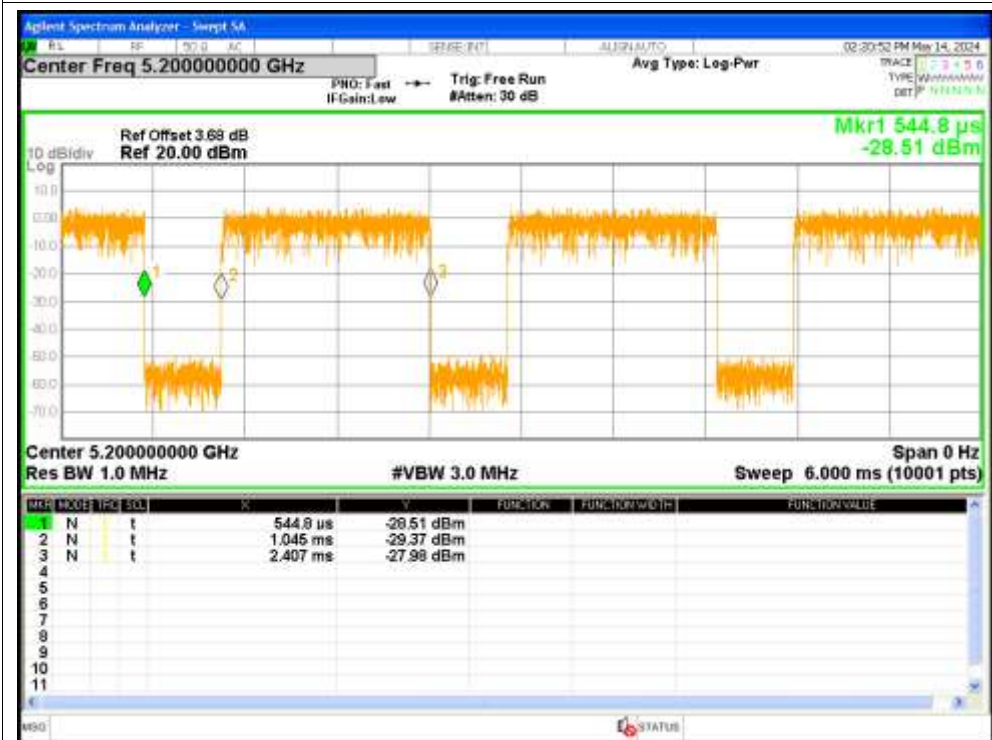
Duty Cycle NVNT a 5240MHz Ant1



Duty Cycle NVNT a 5180MHz Ant2



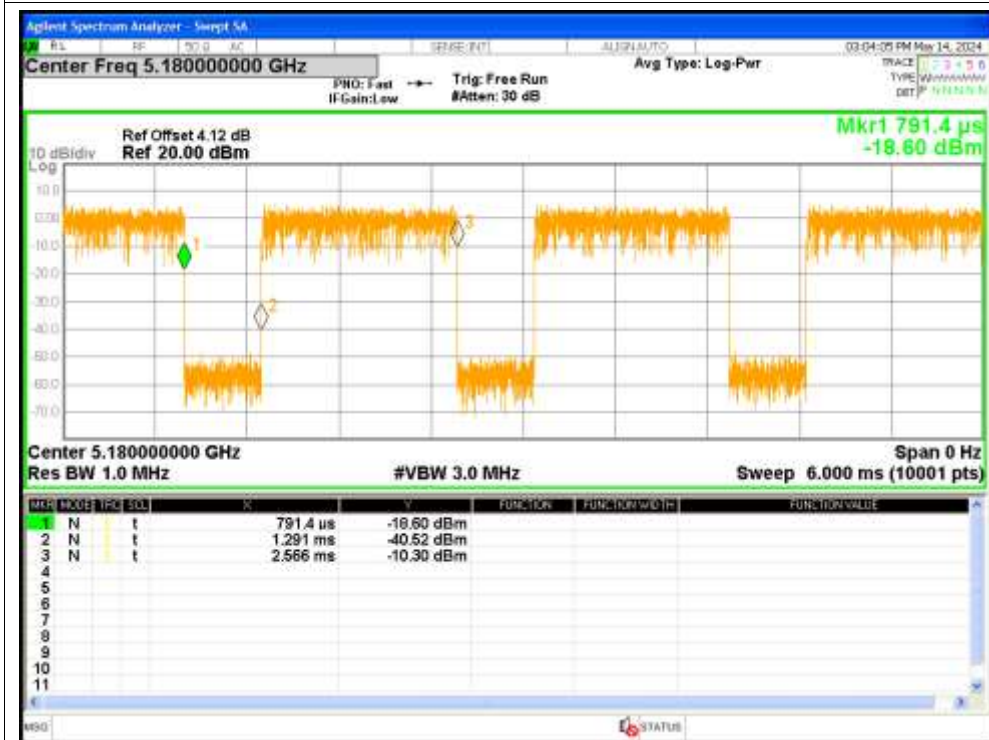
Duty Cycle NVNT a 5200MHz Ant2



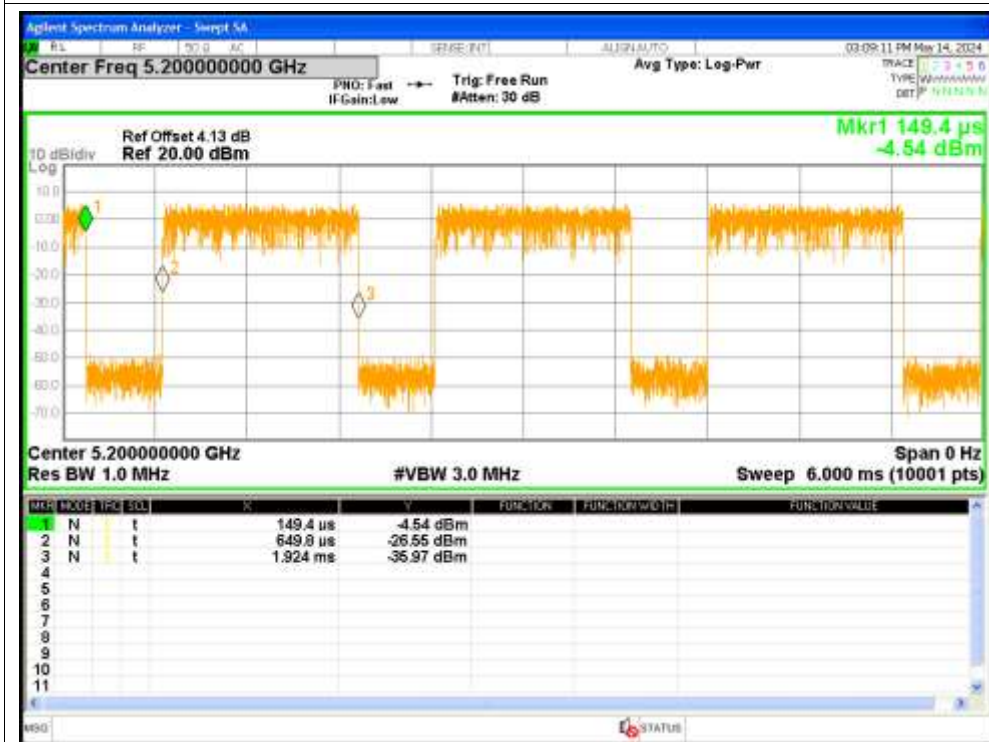
Duty Cycle NVNT a 5240MHz Ant2



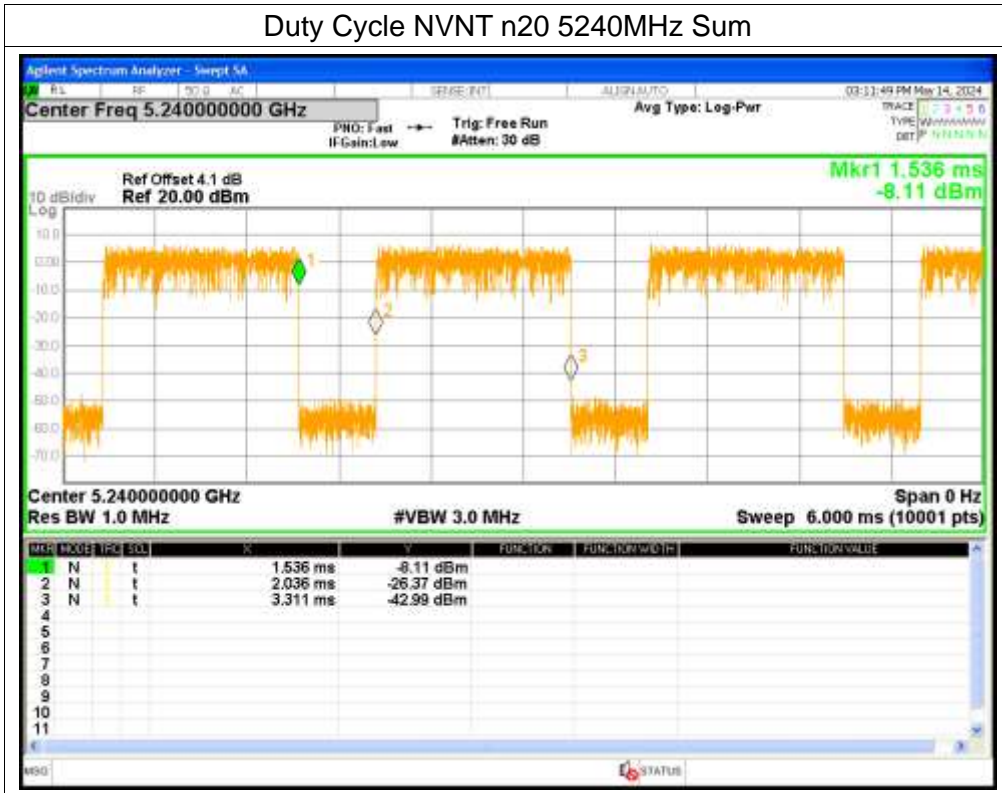
### Duty Cycle NVNT n20 5180MHz Sum



### Duty Cycle NVNT n20 5200MHz Sum



Duty Cycle NVNT n20 5240MHz Sum

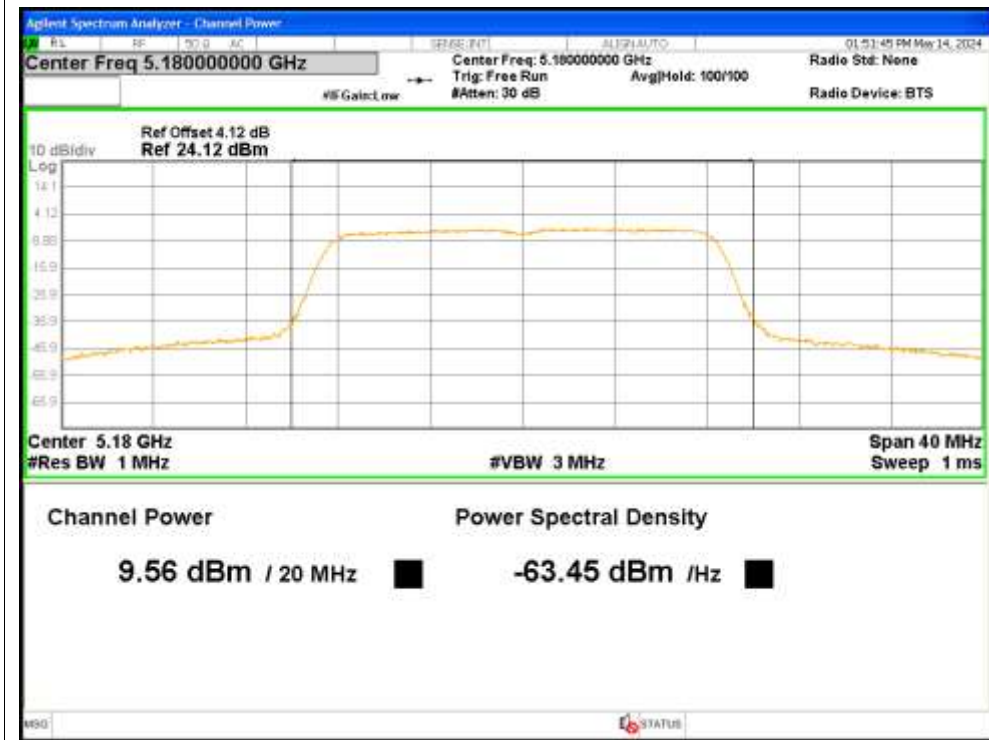


## 2. Maximum Conducted Output Power

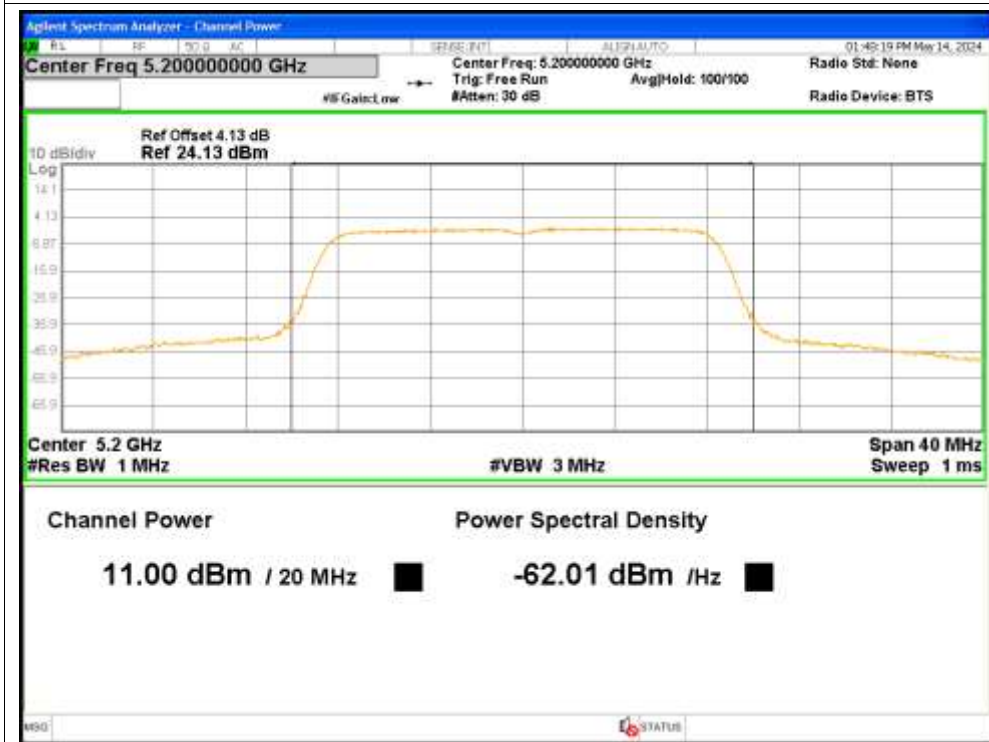
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.56	1.36	10.92	<=24	Pass
NVNT	a	5200	Ant1	11	1.36	12.36	<=24	Pass
NVNT	a	5240	Ant1	11.17	1.36	12.53	<=24	Pass
NVNT	a	5180	Ant2	6.95	1.36	8.31	<=24	Pass
NVNT	a	5200	Ant2	8.1	1.36	9.46	<=24	Pass
NVNT	a	5240	Ant2	8.04	1.36	9.4	<=24	Pass
NVNT	n20	5180	Ant1	9.01	1.44	10.45	<=24	Pass
NVNT	n20	5180	Ant2	6.68	1.44	8.12	<=24	Pass
NVNT	n20	5180	Sum	11.01	1.44	12.45	<=24	Pass
NVNT	n20	5200	Ant1	10.19	1.44	11.63	<=24	Pass
NVNT	n20	5200	Ant2	7.14	1.44	8.58	<=24	Pass
NVNT	n20	5200	Sum	11.94	1.44	13.38	<=24	Pass
NVNT	n20	5240	Ant1	10.49	1.44	11.93	<=24	Pass
NVNT	n20	5240	Ant2	7.25	1.44	8.69	<=24	Pass
NVNT	n20	5240	Sum	12.18	1.44	13.62	<=24	Pass

### Test Graphs

#### Power NVNT a 5180MHz Ant1

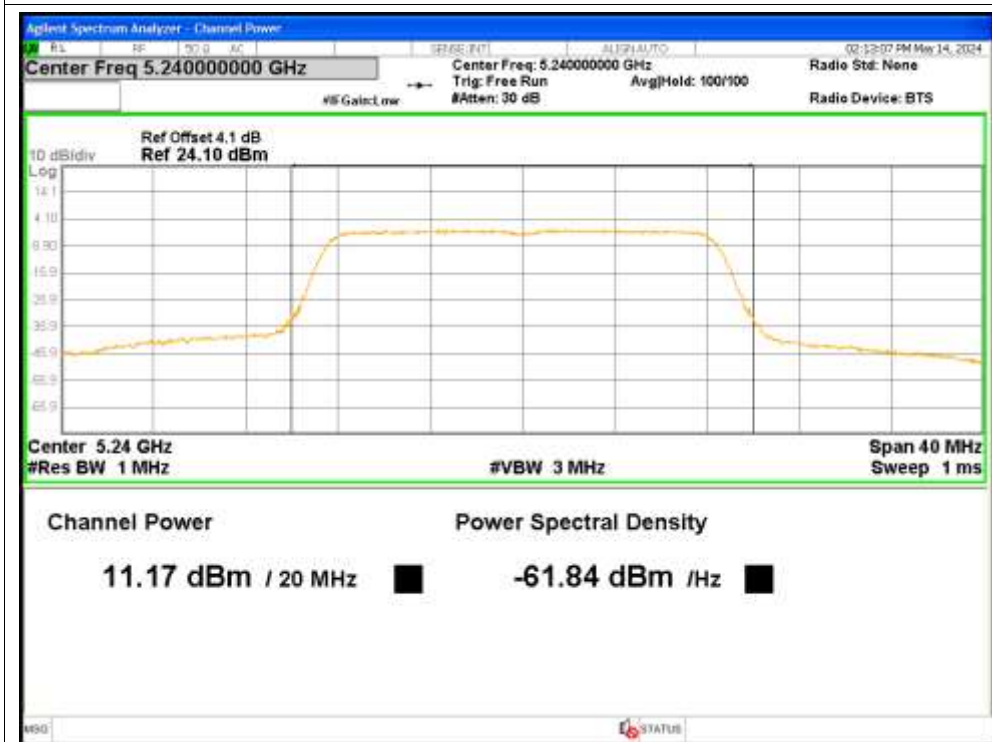


#### Power NVNT a 5200MHz Ant1

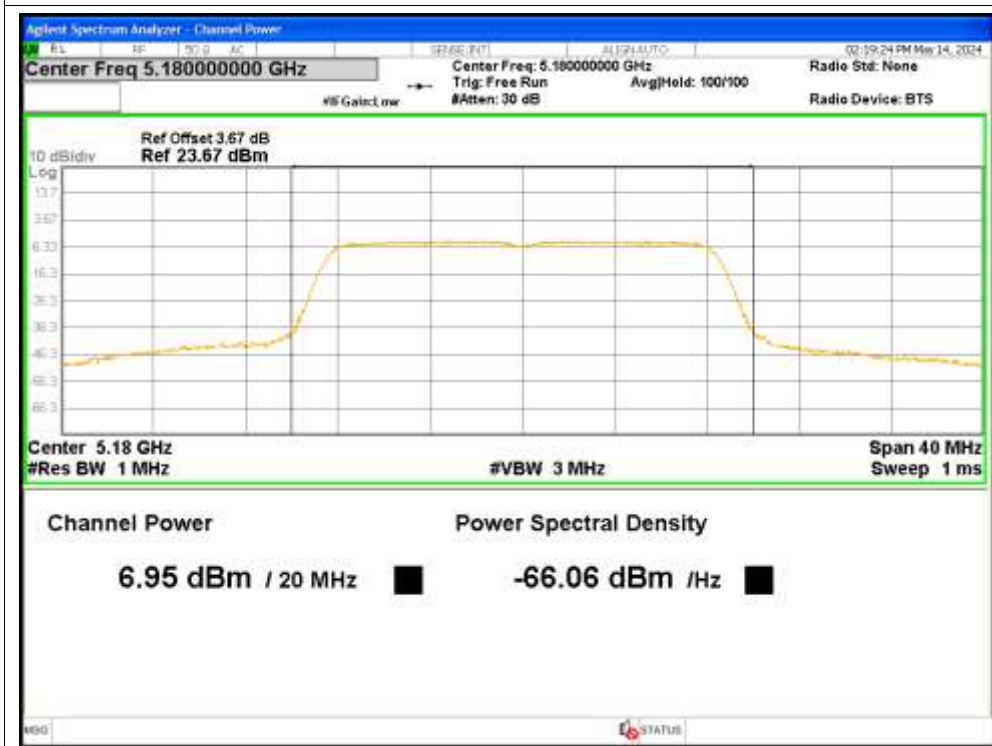




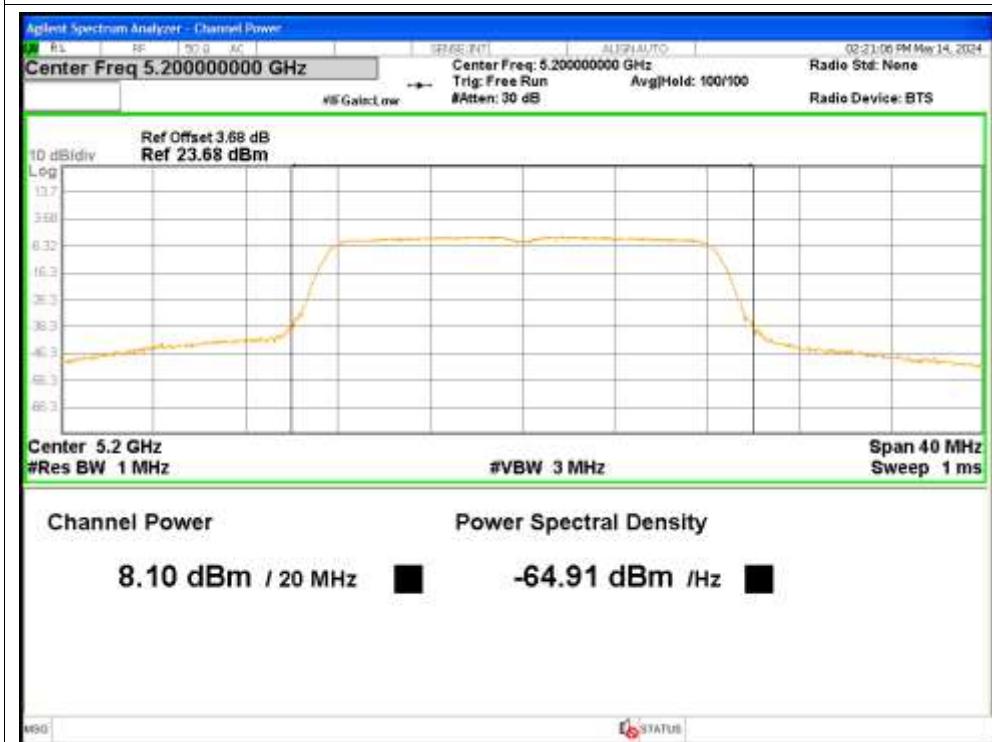
Power NVNT a 5240MHz Ant1



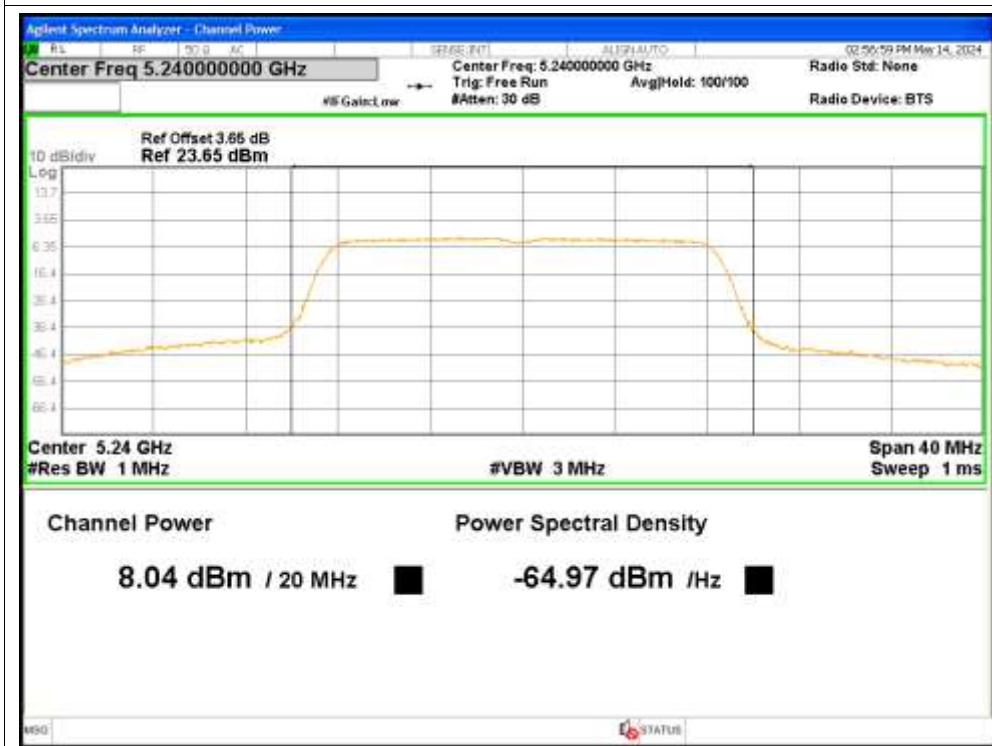
Power NVNT a 5180MHz Ant2



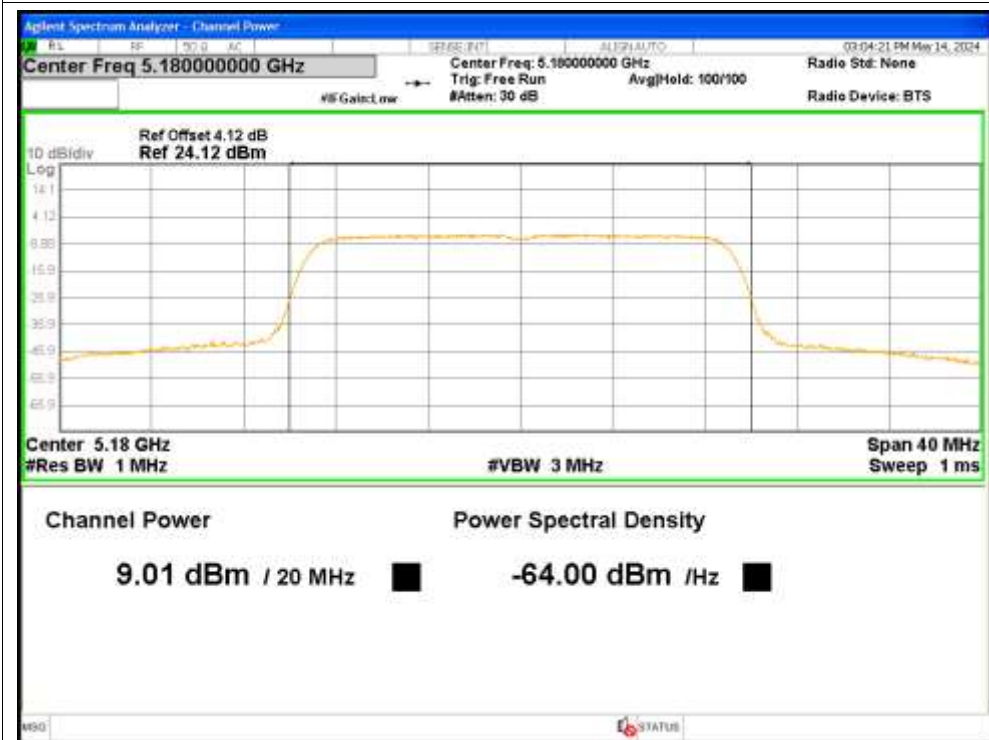
Power NVNT a 5200MHz Ant2



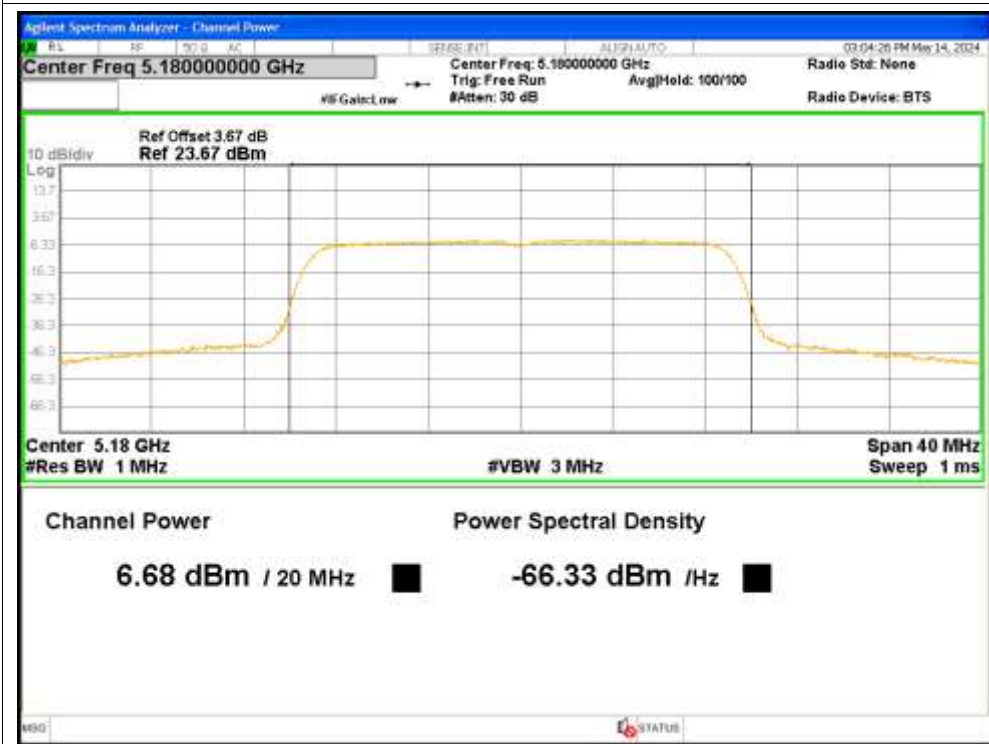
Power NVNT a 5240MHz Ant2



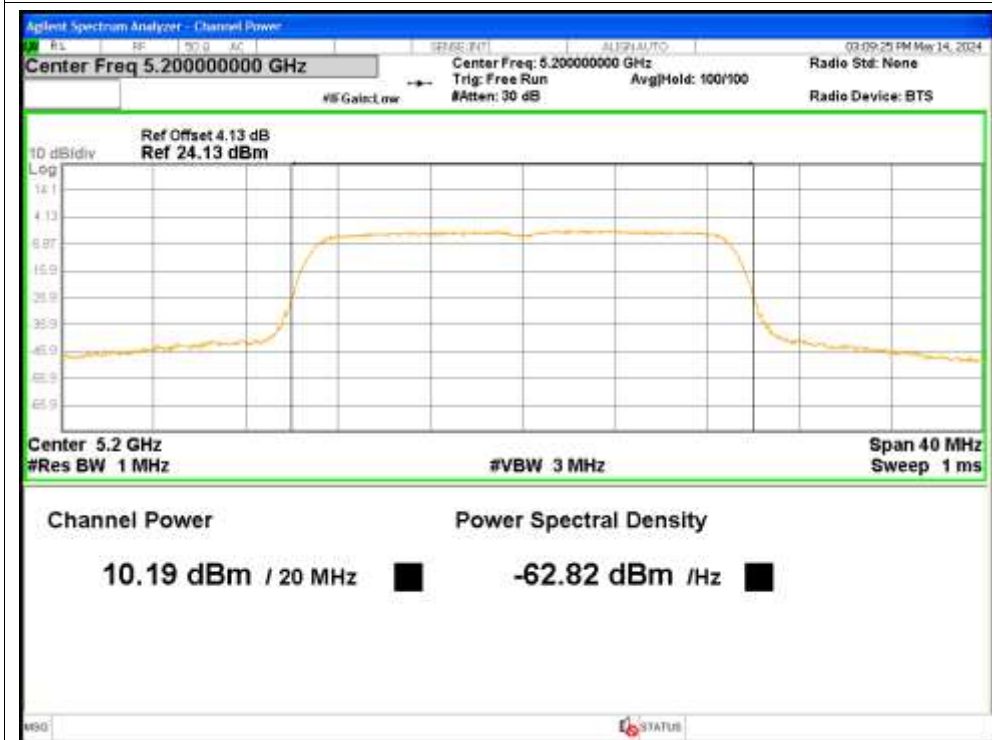
Power NVNT n20 5180MHz Ant1



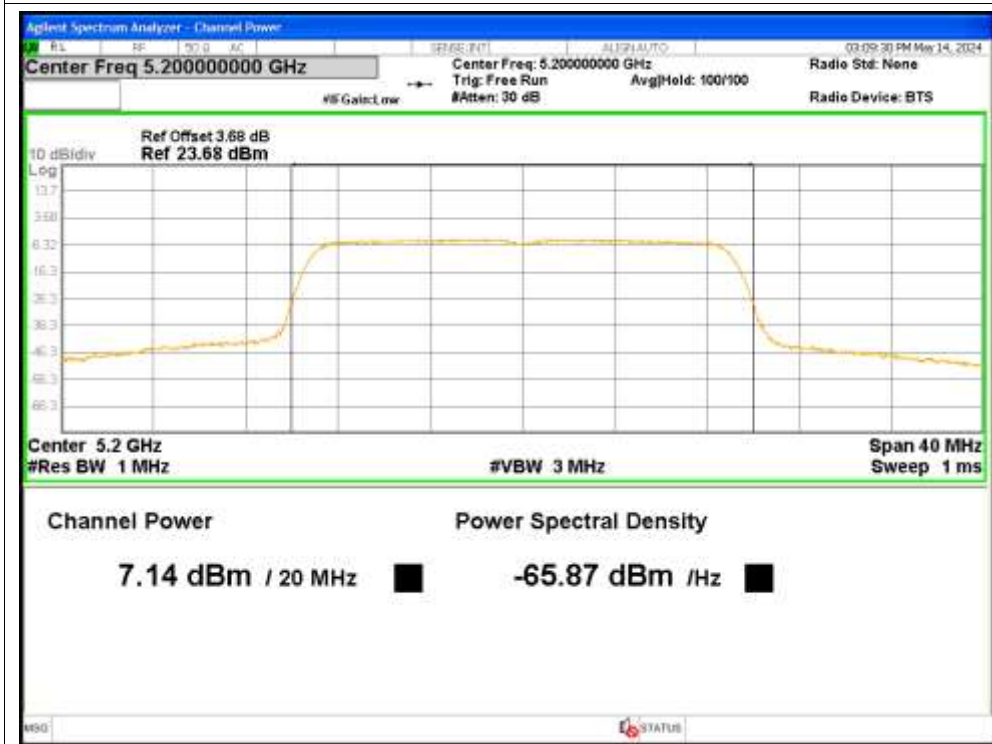
Power NVNT n20 5180MHz Ant2



Power NVNT n20 5200MHz Ant1



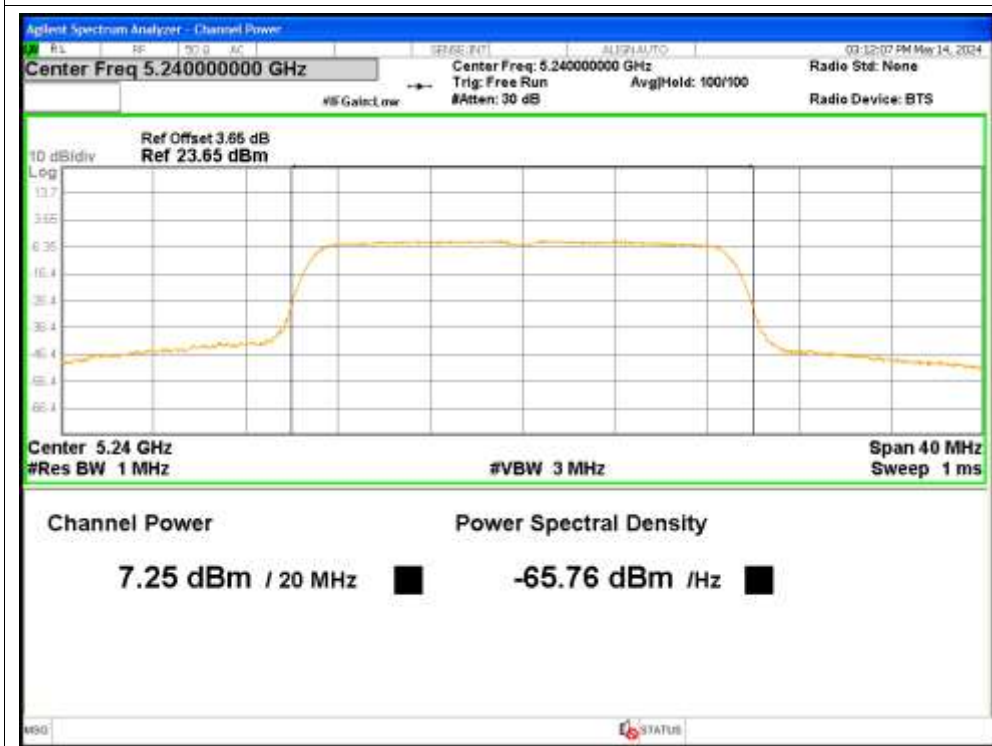
Power NVNT n20 5200MHz Ant2



Power NVNT n20 5240MHz Ant1



Power NVNT n20 5240MHz Ant2

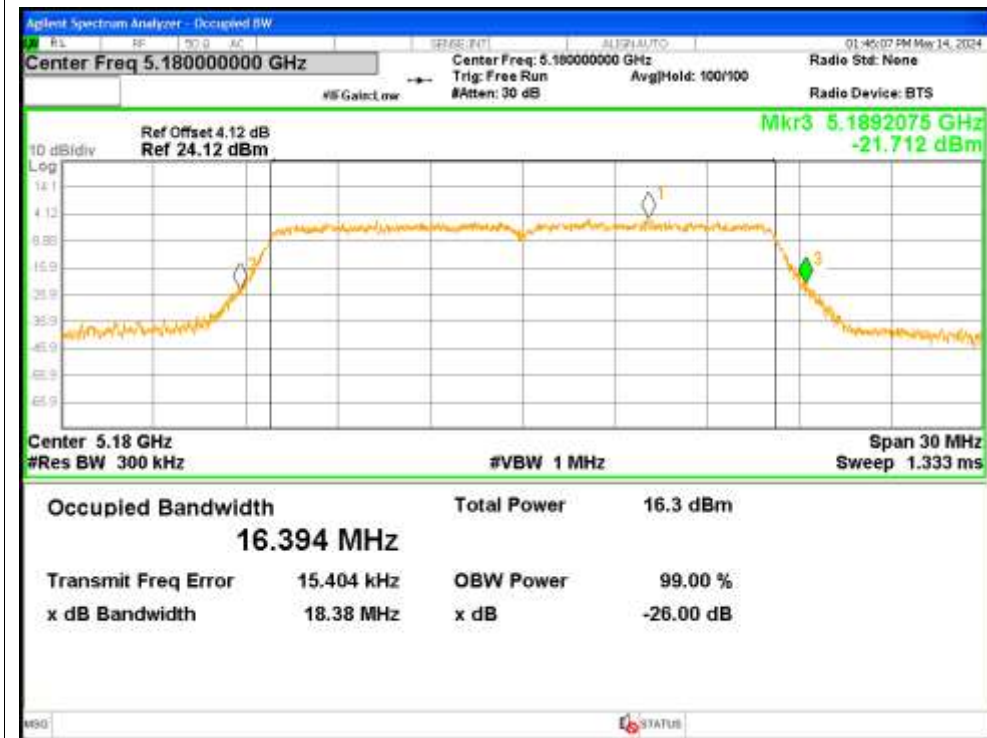


### 3. -26dB Bandwidth

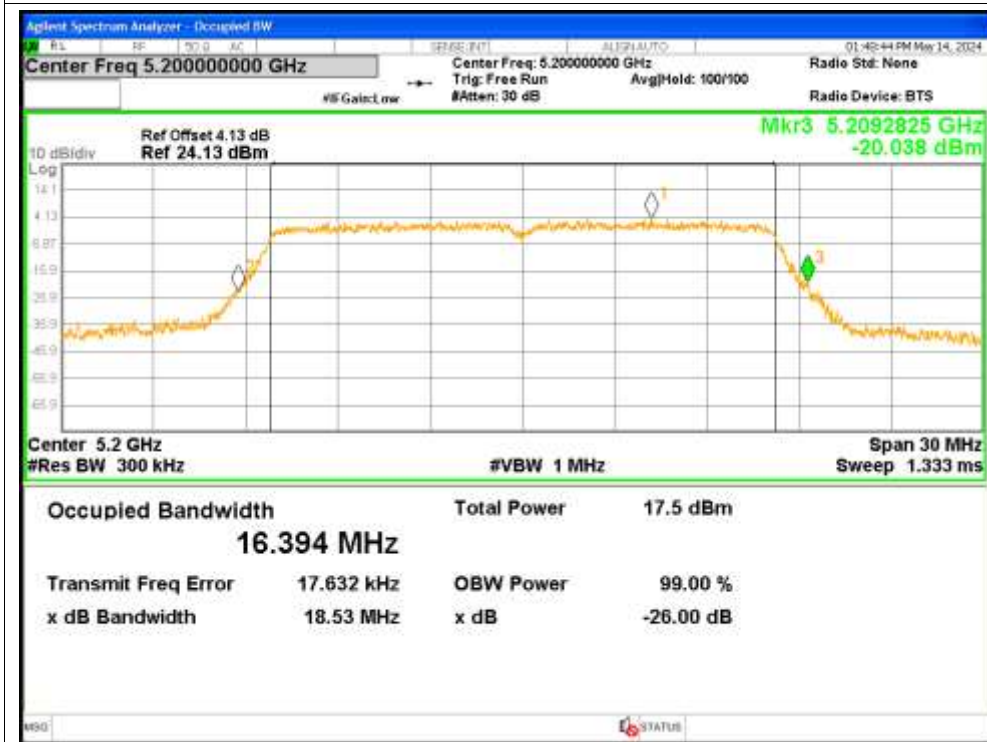
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.3841	Pass
NVNT	a	5200	Ant1	18.5297	Pass
NVNT	a	5240	Ant1	18.5756	Pass
NVNT	a	5180	Ant2	18.6107	Pass
NVNT	a	5200	Ant2	18.5941	Pass
NVNT	a	5240	Ant2	18.544	Pass
NVNT	n20	5180	Ant1	19.7481	Pass
NVNT	n20	5180	Ant2	19.4825	Pass
NVNT	n20	5200	Ant1	19.4182	Pass
NVNT	n20	5200	Ant2	19.6723	Pass
NVNT	n20	5240	Ant1	19.6676	Pass
NVNT	n20	5240	Ant2	19.5437	Pass

Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



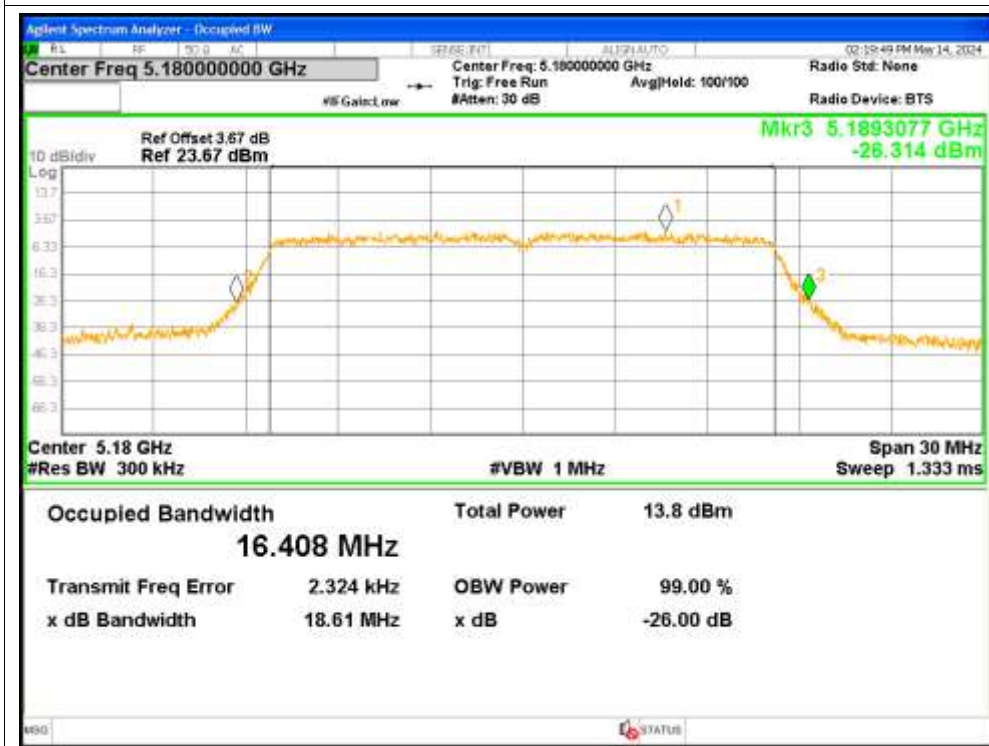
-26dB Bandwidth NVNT a 5200MHz Ant1



-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT a 5180MHz Ant2





-26dB Bandwidth NVNT a 5200MHz Ant2



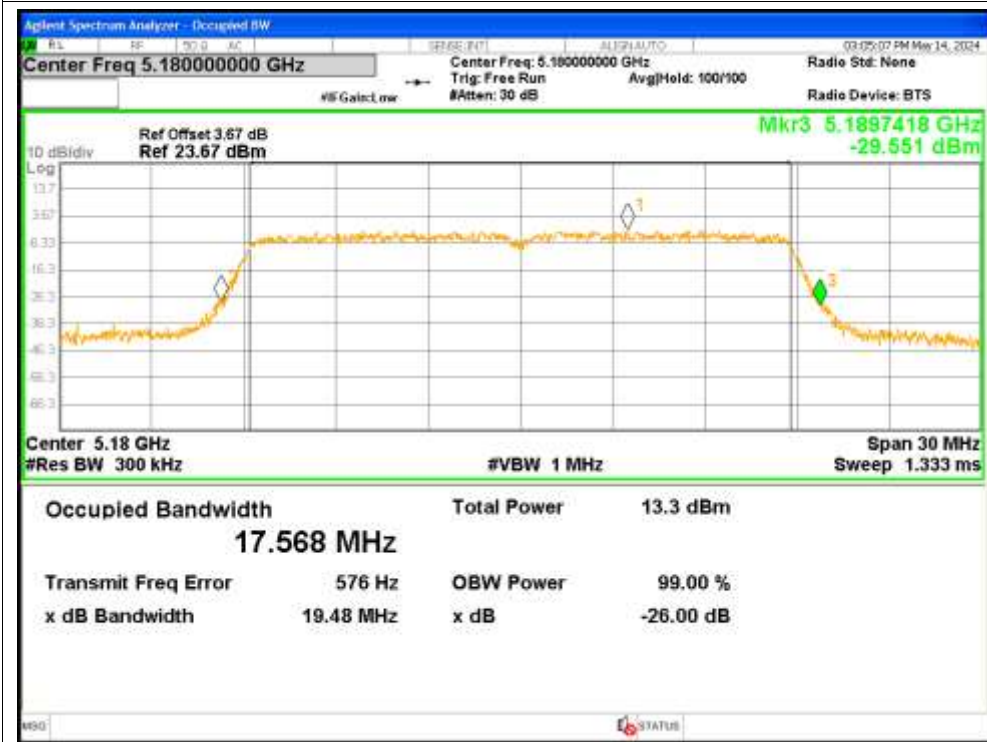
-26dB Bandwidth NVNT a 5240MHz Ant2



-26dB Bandwidth NVNT n20 5180MHz Ant1



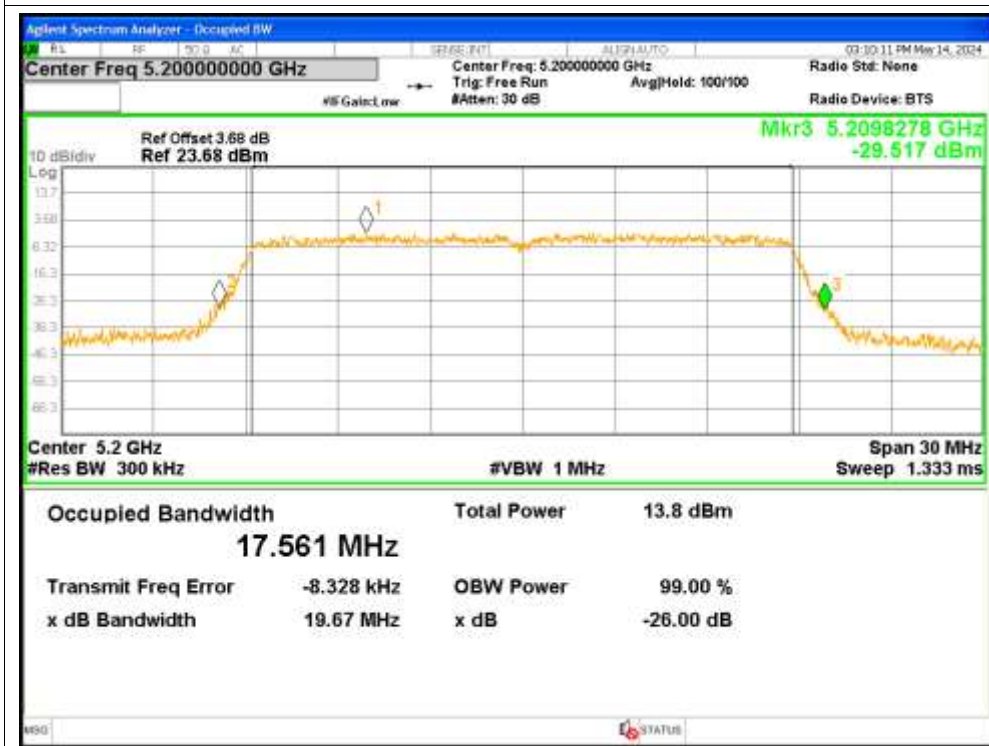
-26dB Bandwidth NVNT n20 5180MHz Ant2



-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5200MHz Ant2



-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant2

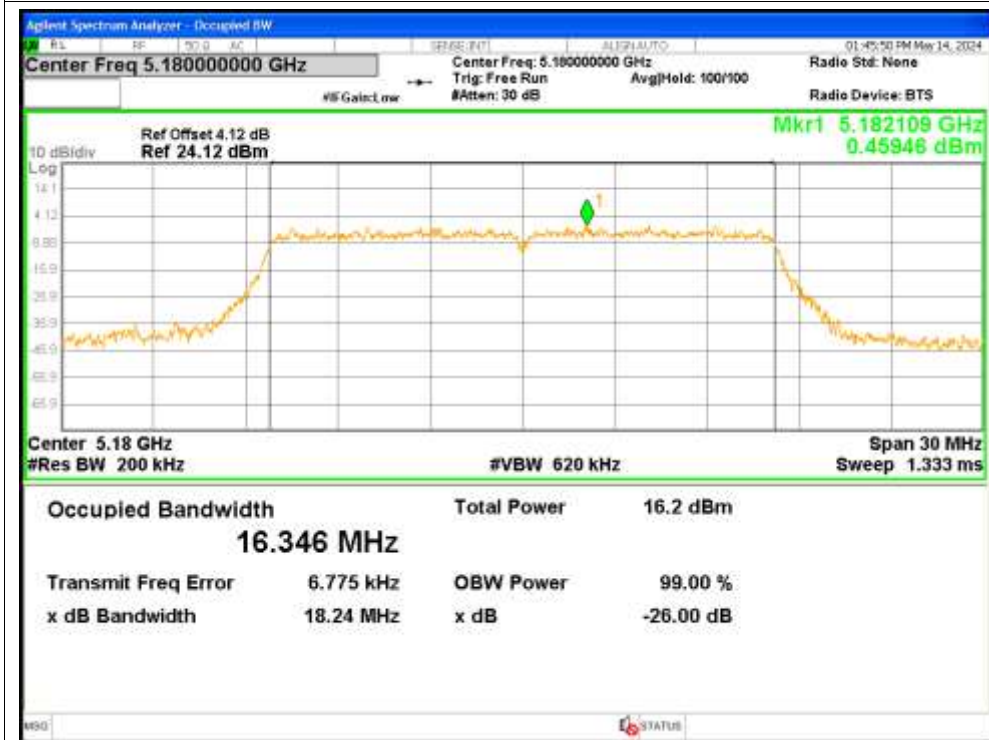


## 4. Occupied Channel Bandwidth

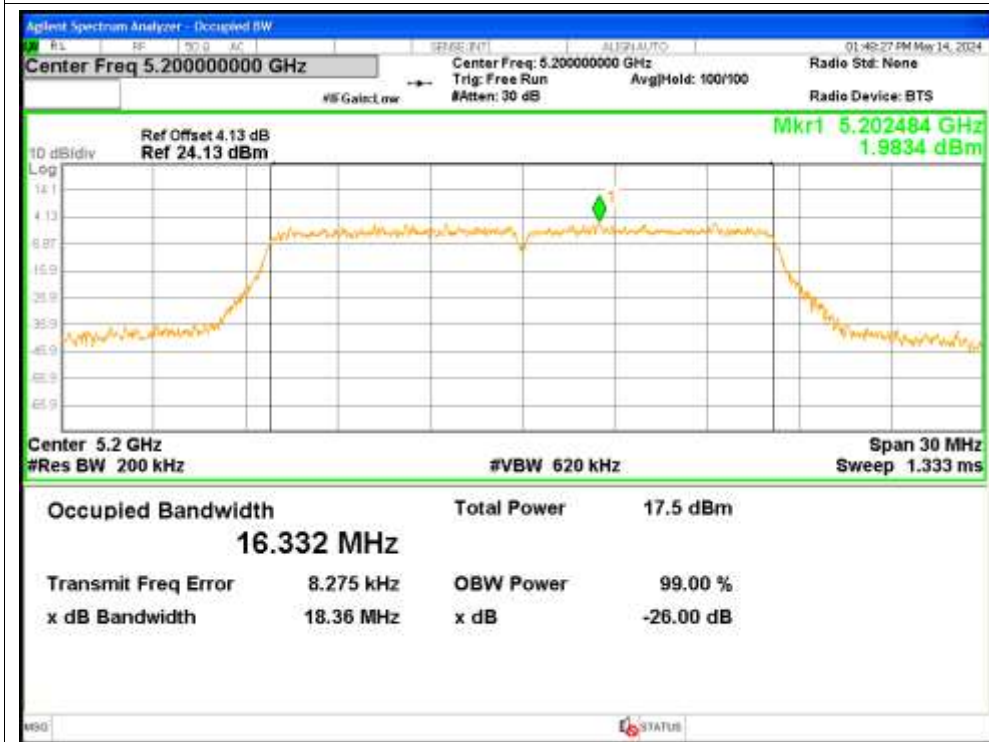
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.346
NVNT	a	5200	Ant1	16.3323
NVNT	a	5240	Ant1	16.3334
NVNT	a	5180	Ant2	16.3332
NVNT	a	5200	Ant2	16.3306
NVNT	a	5240	Ant2	16.3378
NVNT	n20	5180	Ant1	17.5232
NVNT	n20	5180	Ant2	17.5315
NVNT	n20	5200	Ant1	17.527
NVNT	n20	5200	Ant2	17.5347
NVNT	n20	5240	Ant1	17.5345
NVNT	n20	5240	Ant2	17.5156

Test Graphs

OBW NVNT a 5180MHz Ant1



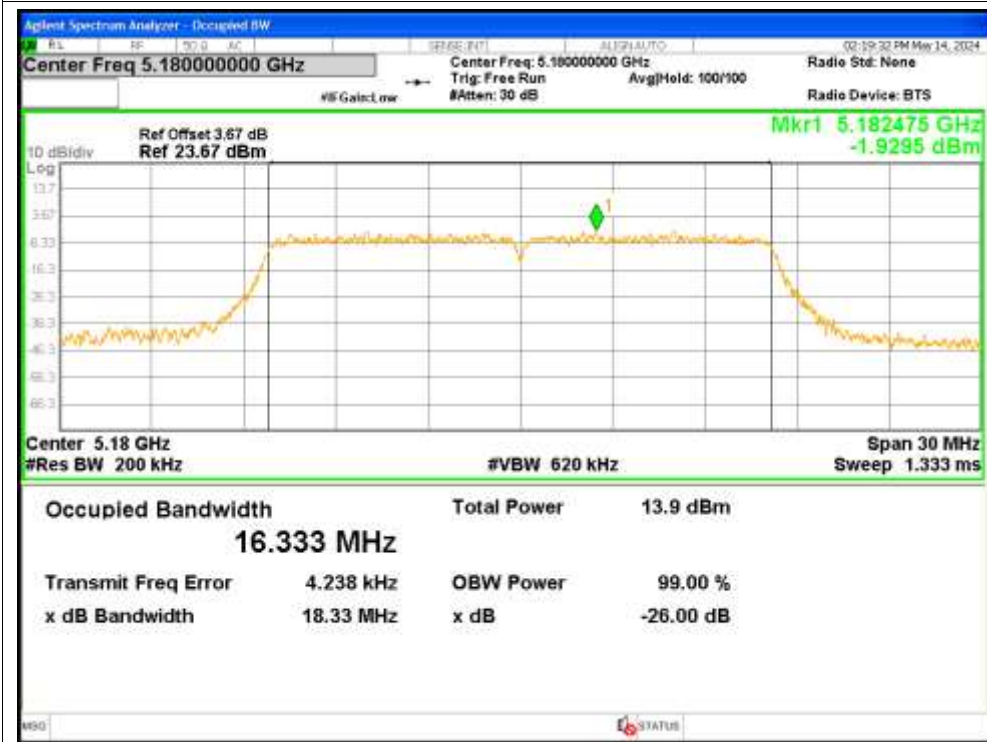
OBW NVNT a 5200MHz Ant1



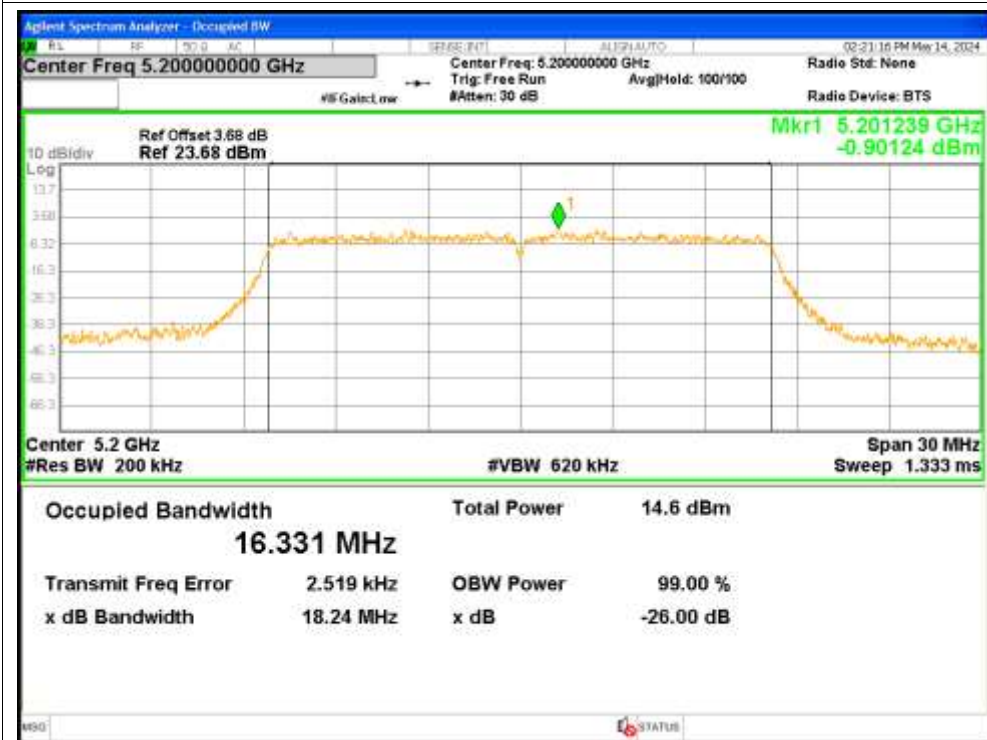
OBW NVNT a 5240MHz Ant1



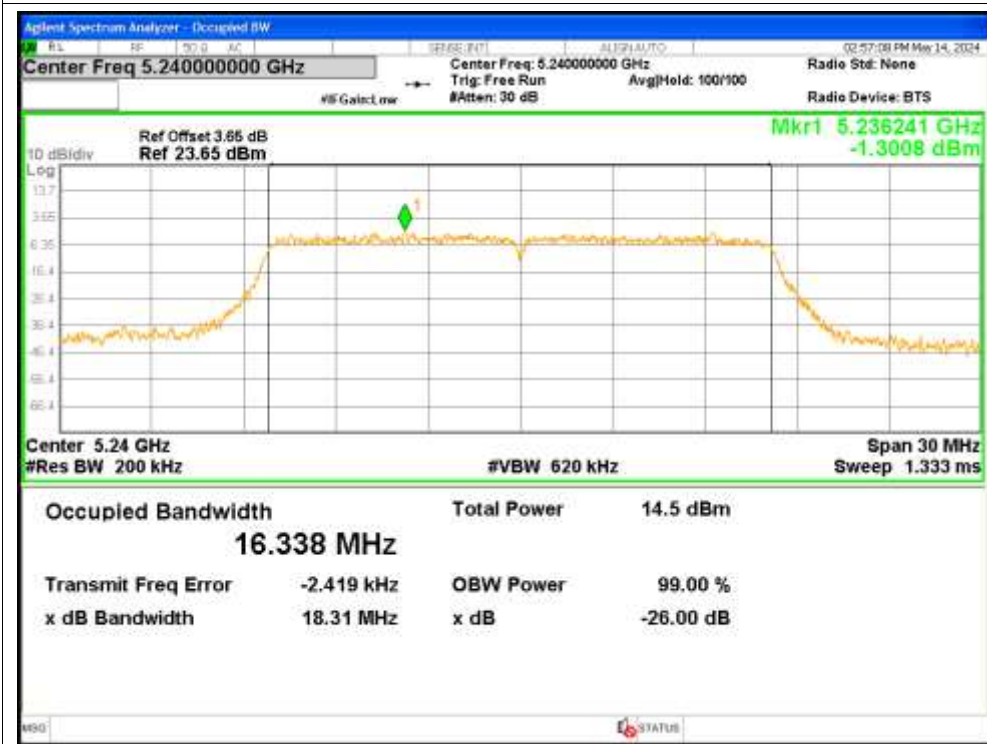
OBW NVNT a 5180MHz Ant2



OBW NVNT a 5200MHz Ant2

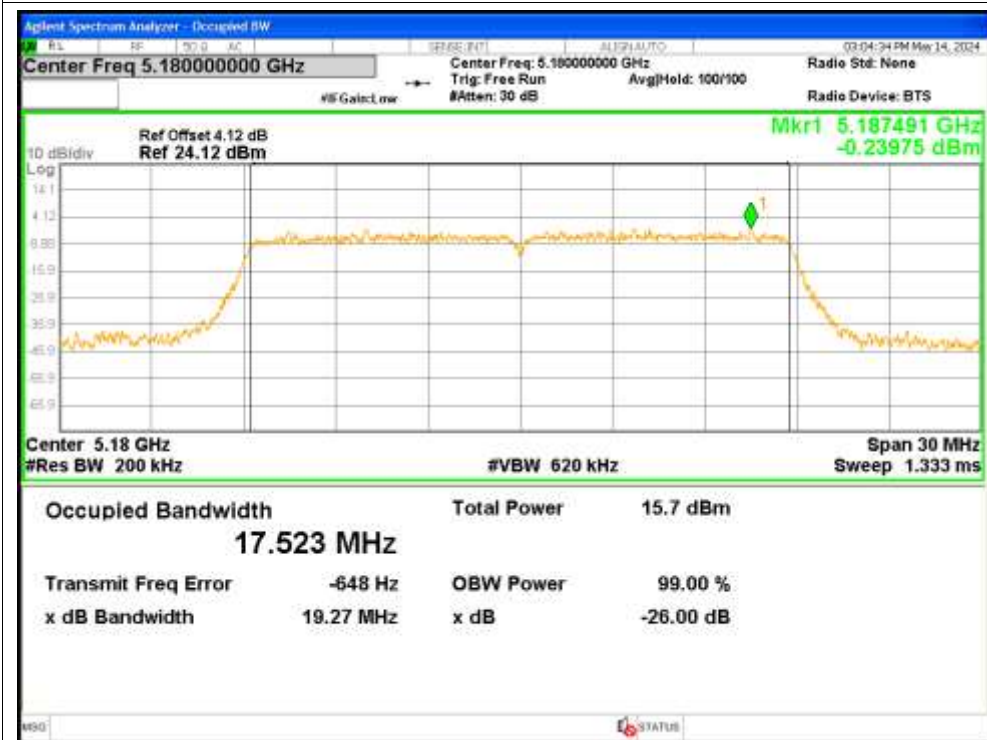


OBW NVNT a 5240MHz Ant2

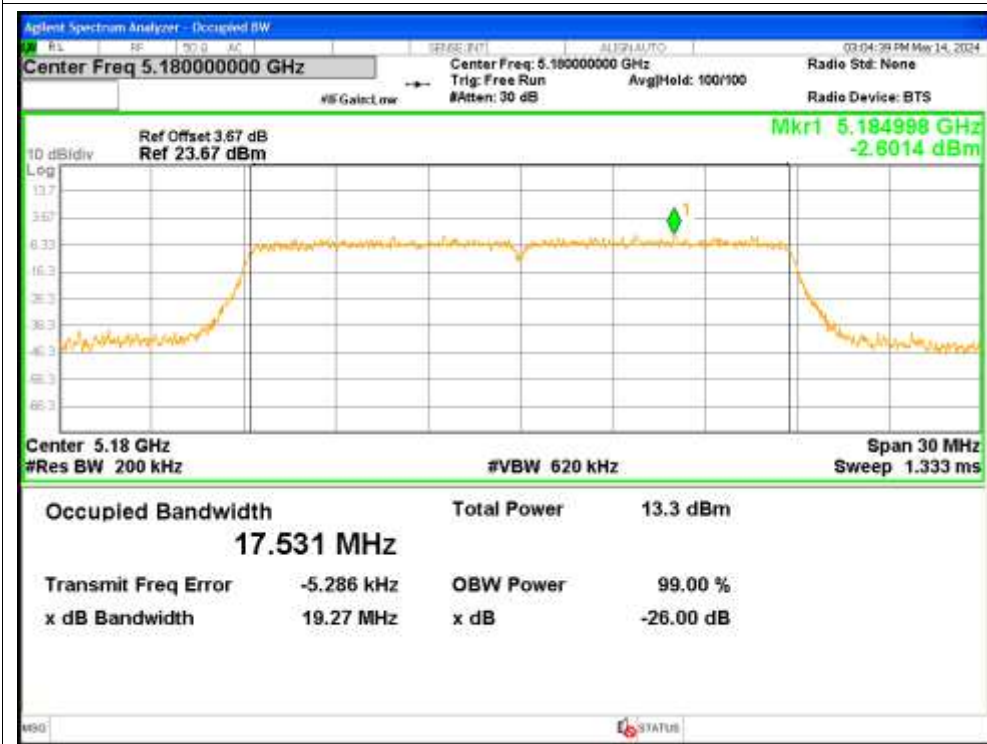




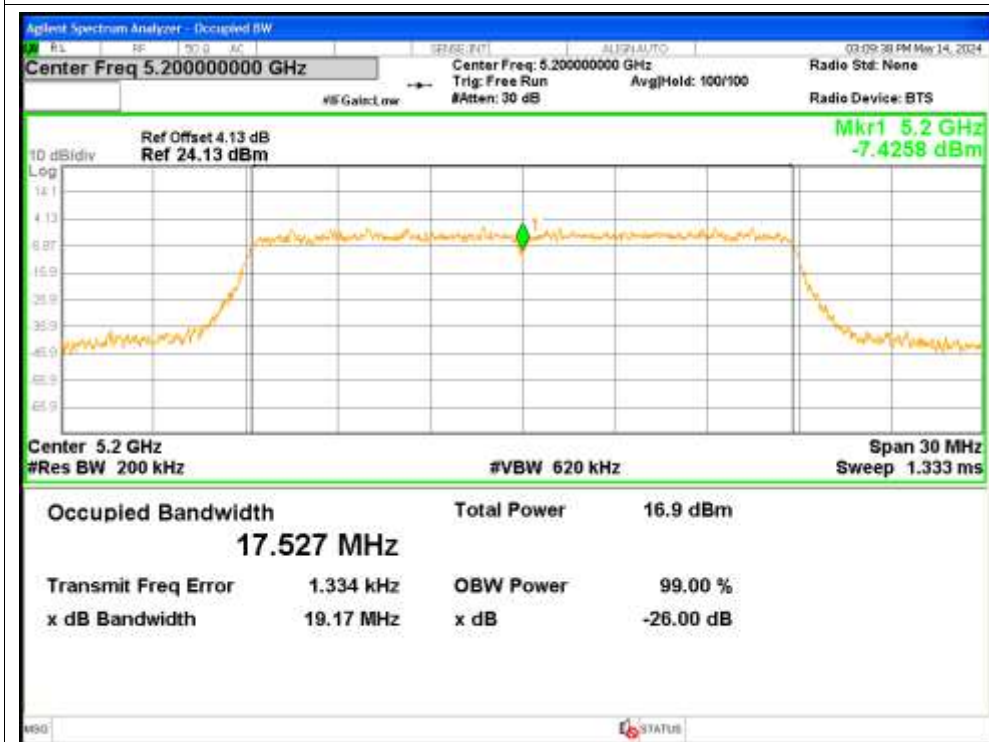
OBW NVNT n20 5180MHz Ant1



OBW NVNT n20 5180MHz Ant2



OBW NVNT n20 5200MHz Ant1



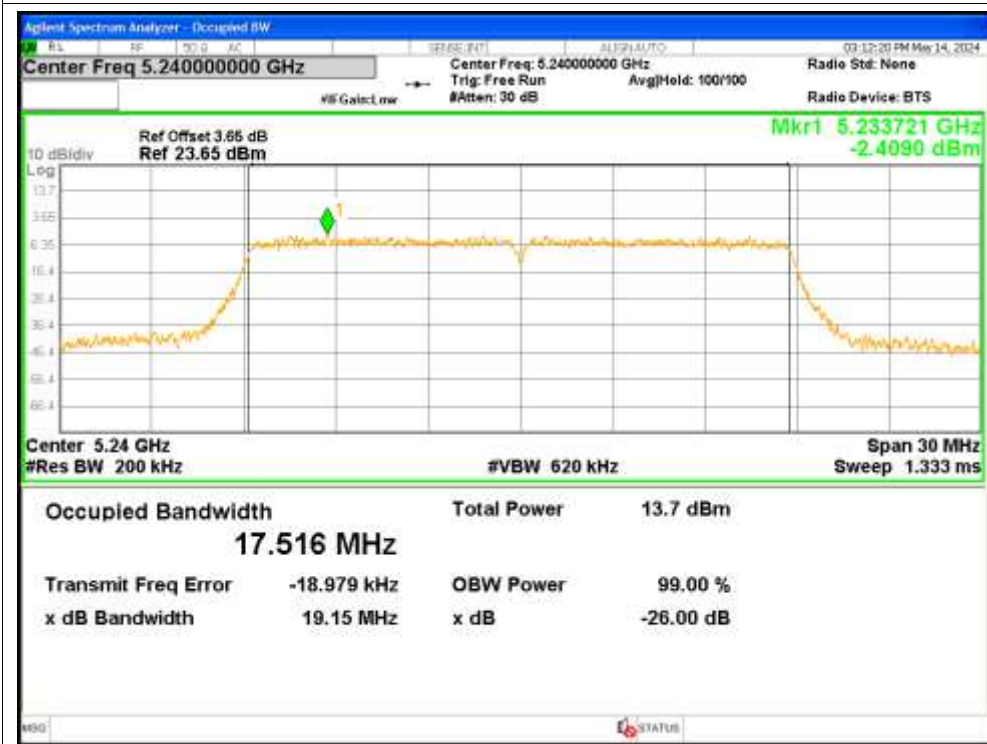
OBW NVNT n20 5200MHz Ant2



OBW NVNT n20 5240MHz Ant1



OBW NVNT n20 5240MHz Ant2



## 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	-0.666	1.36	0.694	<=11	Pass
NVNT	a	5200	Ant1	0.961	1.36	2.321	<=11	Pass
NVNT	a	5240	Ant1	1.193	1.36	2.553	<=11	Pass
NVNT	a	5180	Ant2	-2.68	1.36	-1.32	<=11	Pass
NVNT	a	5200	Ant2	-2.643	1.36	-1.283	<=11	Pass
NVNT	a	5240	Ant2	-2.286	1.36	-0.926	<=11	Pass
NVNT	n20	5180	Ant1	-1.634	1.44	-0.194	<=11	Pass
NVNT	n20	5180	Ant2	-3.95	1.44	-2.51	<=11	Pass
NVNT	n20	5180	Sum	0.371	1.44	1.811	<=11	Pass
NVNT	n20	5200	Ant1	-0.313	1.44	1.127	<=11	Pass
NVNT	n20	5200	Ant2	-3.276	1.44	-1.836	<=11	Pass
NVNT	n20	5200	Sum	1.464	1.44	2.904	<=11	Pass
NVNT	n20	5240	Ant1	-0.099	1.44	1.341	<=11	Pass
NVNT	n20	5240	Ant2	-3.45	1.44	-2.01	<=11	Pass
NVNT	n20	5240	Sum	1.551	1.44	2.991	<=11	Pass

### Test Graphs

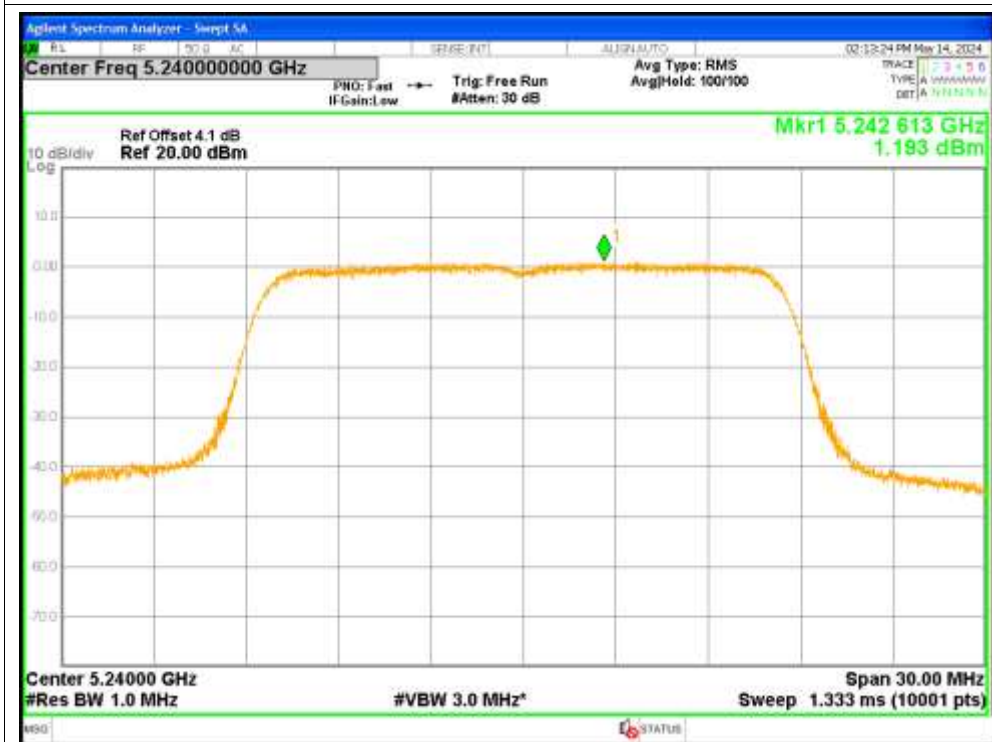
#### PSD NVNT a 5180MHz Ant1



#### 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

