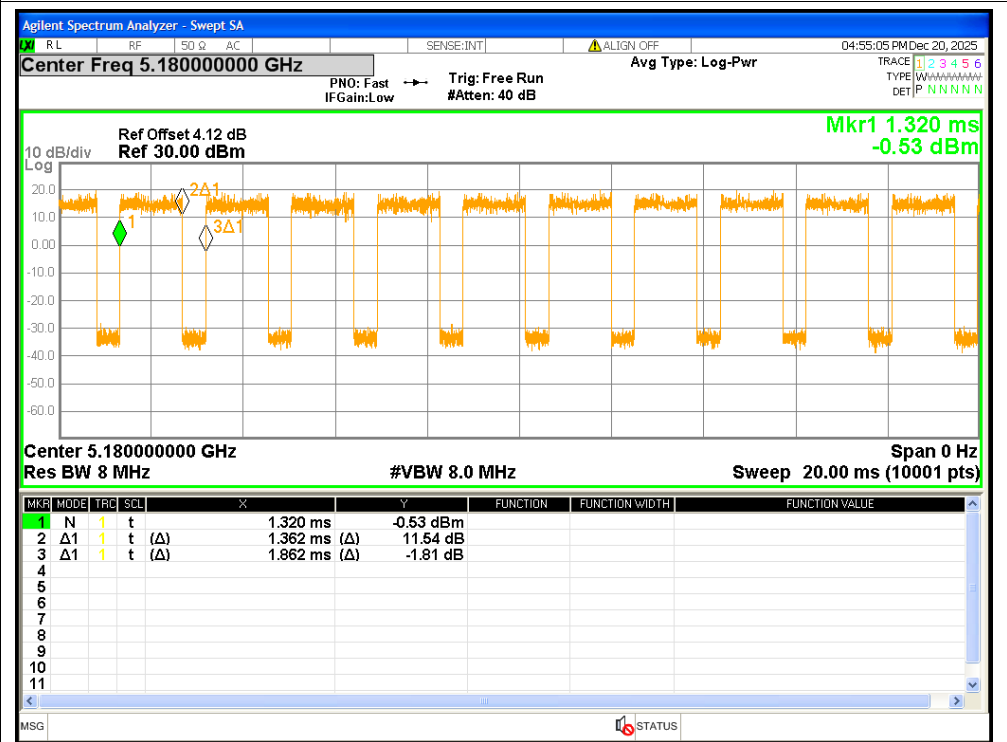


Duty Cycle

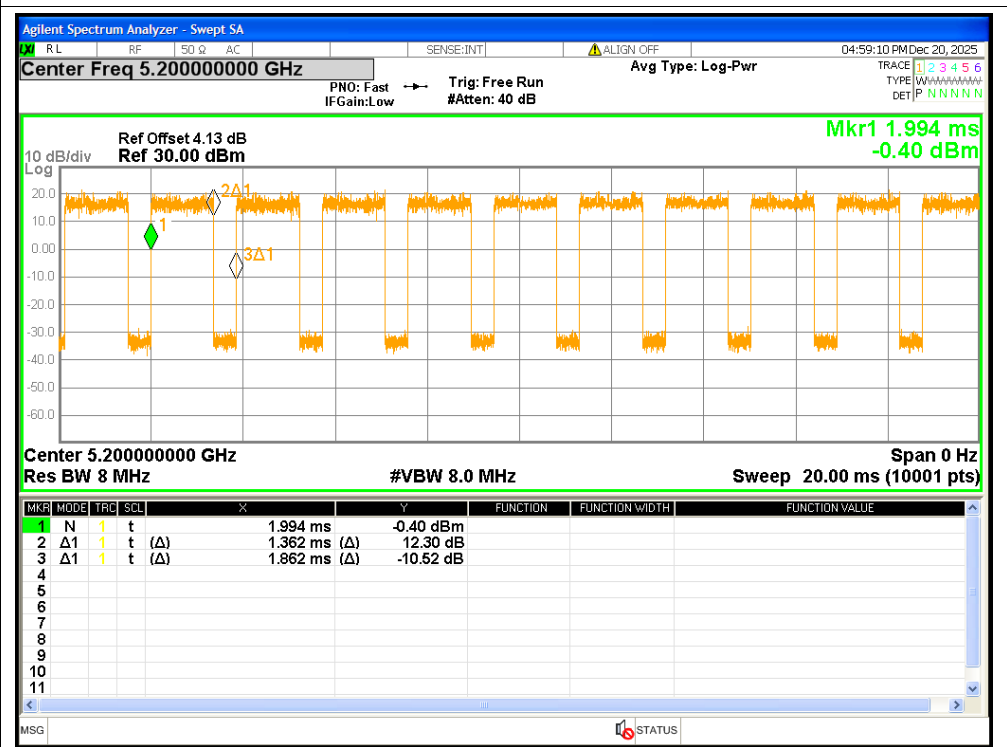
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5180	Ant1	1.362	1.862	73.15	1.36	0.73	0.20
NVNT	a	5200	Ant1	1.362	1.862	73.15	1.36	0.73	0.24
NVNT	a	5240	Ant1	1.362	1.862	73.15	1.36	0.73	0.22
NVNT	a	5180	Ant2	1.362	1.862	73.15	1.36	0.73	0.17
NVNT	a	5200	Ant2	1.362	1.862	73.15	1.36	0.73	0.18
NVNT	a	5240	Ant2	1.362	1.862	73.15	1.36	0.73	0.19
NVNT	n20	5180	MIMO	1.272	1.774	71.7	1.44	0.79	0.17
NVNT	n20	5200	MIMO	1.274	1.774	71.82	1.44	0.78	0.18
NVNT	n20	5240	MIMO	1.274	1.774	71.82	1.44	0.78	0.16
NVNT	n40	5190	MIMO	0.633	1.134	55.82	2.53	1.58	0.15
NVNT	n40	5230	MIMO	0.634	1.134	55.91	2.53	1.58	0.19

Test Graphs

Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT a 5200MHz Ant1	
1	0.000000
2	0.000000
3	0.000000
4	0.000000
5	0.000000
6	0.000000
7	0.000000
8	0.000000
9	0.000000
10	0.000000
11	0.000000
12	0.000000
13	0.000000
14	0.000000
15	0.000000
16	0.000000
17	0.000000
18	0.000000
19	0.000000
20	0.000000
21	0.000000
22	0.000000
23	0.000000
24	0.000000
25	0.000000
26	0.000000
27	0.000000
28	0.000000
29	0.000000
30	0.000000
31	0.000000
32	0.000000
33	0.000000
34	0.000000
35	0.000000
36	0.000000
37	0.000000
38	0.000000
39	0.000000
40	0.000000
41	0.000000
42	0.000000
43	0.000000
44	0.000000
45	0.000000
46	0.000000
47	0.000000
48	0.000000
49	0.000000
50	0.000000
51	0.000000
52	0.000000
53	0.000000
54	0.000000
55	0.000000
56	0.000000
57	0.000000
58	0.000000
59	0.000000
60	0.000000
61	0.000000
62	0.000000
63	0.000000
64	0.000000
65	0.000000
66	0.000000
67	0.000000
68	0.000000
69	0.000000
70	0.000000
71	0.000000
72	0.000000
73	0.000000
74	0.000000
75	0.000000
76	0.000000
77	0.000000
78	0.000000
79	0.000000
80	0.000000
81	0.000000
82	0.000000
83	0.000000
84	0.000000
85	0.000000
86	0.000000
87	0.000000
88	0.000000
89	0.000000
90	0.000000
91	0.000000
92	0.000000
93	0.000000
94	0.000000
95	0.000000
96	0.000000
97	0.000000
98	0.000000
99	0.000000
100	0.000000

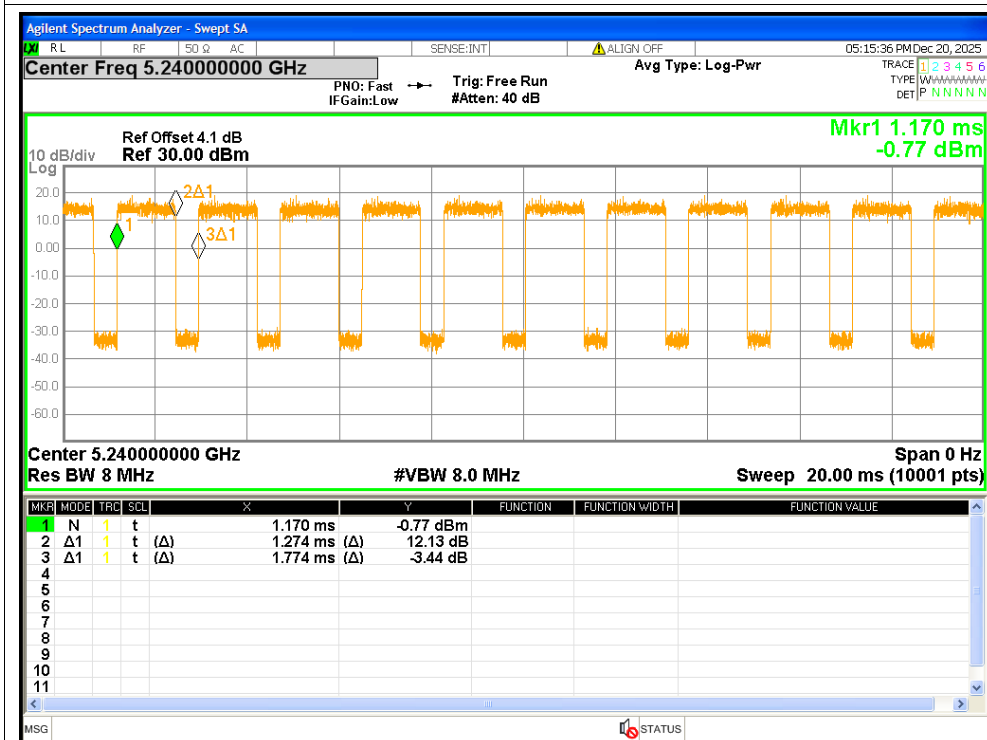


Duty Cycle NVNT a 5240MHz Ant1

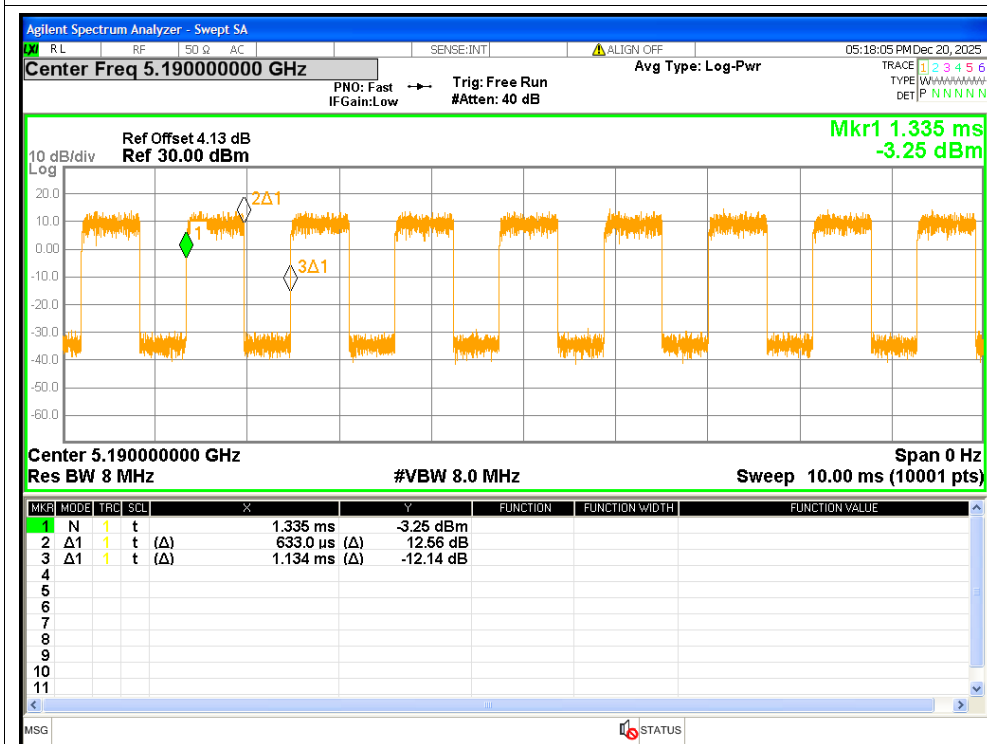
Duty Cycle NVNT a 5200MHz Ant2

Duty Cycle NVNT n20 5180MHz MIMO

Duty Cycle NVNT n20 5240MHz MIMO



Duty Cycle NVNT n40 5190MHz MIMO



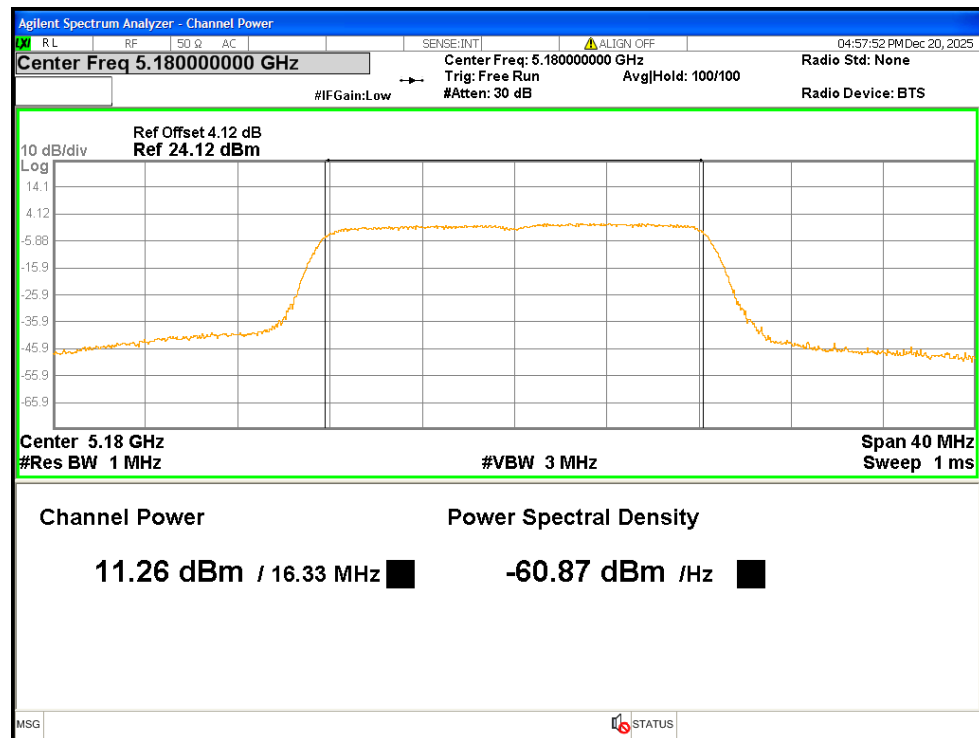
Duty Cycle NVNT n40 5230MHz MIMO

Maximum Output Power

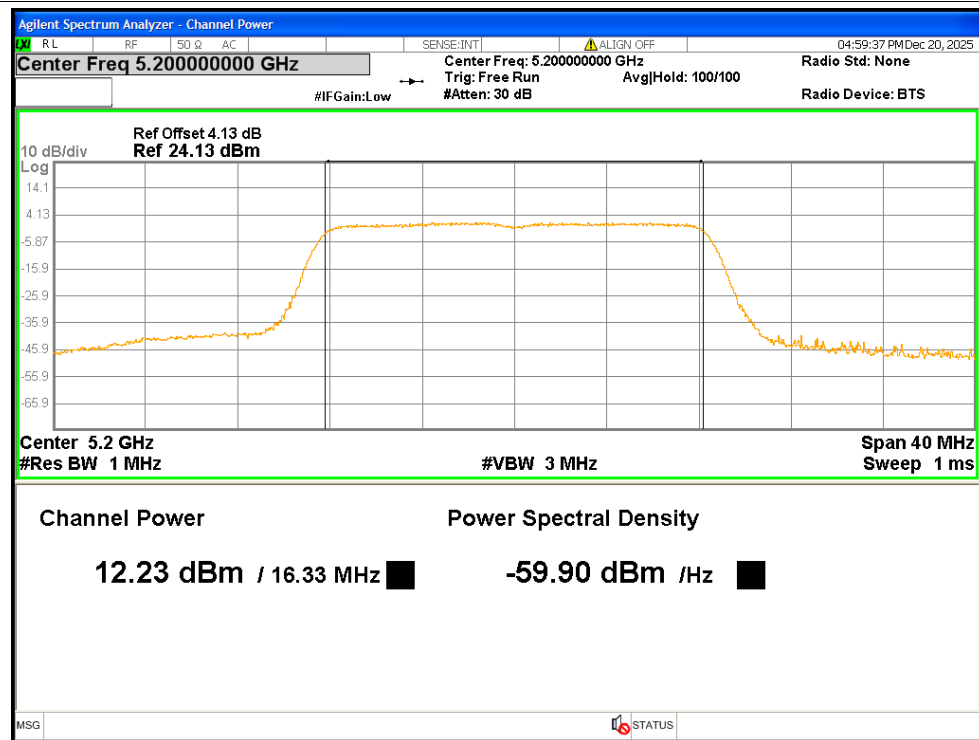
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.26	1.36	12.62	<=24	Pass
NVNT	a	5200	Ant1	12.23	1.36	13.59	<=24	Pass
NVNT	a	5240	Ant1	12.61	1.36	13.97	<=24	Pass
NVNT	a	5180	Ant2	11.23	1.36	12.59	<=24	Pass
NVNT	a	5200	Ant2	11.69	1.36	13.05	<=24	Pass
NVNT	a	5240	Ant2	11.3	1.36	12.66	<=24	Pass
NVNT	n20	5180	Ant1	8.98	1.44	10.42	<=24	Pass
NVNT	n20	5180	Ant2	7.5	1.44	8.94	<=24	Pass
NVNT	n20	5180	MIMO	-	-	12.75	<=23.96	Pass
NVNT	n20	5200	Ant1	9.97	1.44	11.41	<=24	Pass
NVNT	n20	5200	Ant2	8.34	1.44	9.78	<=24	Pass
NVNT	n20	5200	MIMO	-	-	13.68	<=23.96	Pass
NVNT	n20	5240	Ant1	10.36	1.44	11.8	<=24	Pass
NVNT	n20	5240	Ant2	8.04	1.44	9.48	<=24	Pass
NVNT	n20	5240	MIMO	-	-	13.8	<=23.96	Pass
NVNT	n40	5190	Ant1	8.24	2.53	10.77	<=24	Pass
NVNT	n40	5190	Ant2	7.3	2.53	9.83	<=24	Pass
NVNT	n40	5190	MIMO	-	-	13.34	<=23.96	Pass
NVNT	n40	5230	Ant1	9.29	2.53	11.82	<=24	Pass
NVNT	n40	5230	Ant2	6.92	2.53	9.45	<=24	Pass
NVNT	n40	5230	MIMO	-	-	13.81	<=23.96	Pass

Test Graphs

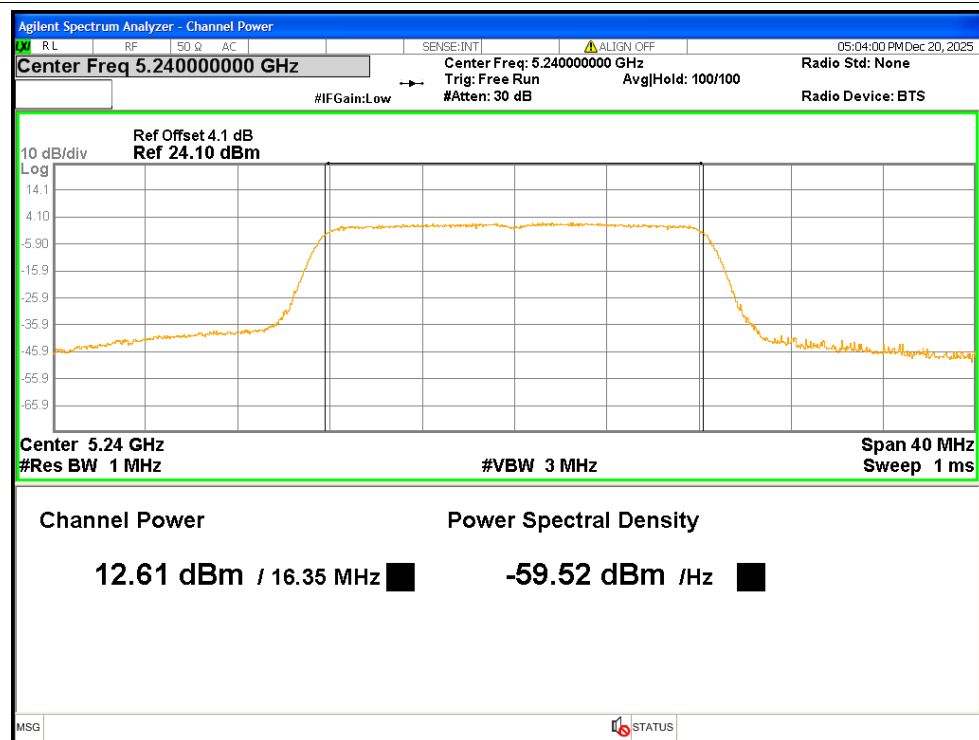
Power NVNT a 5180MHz Ant1



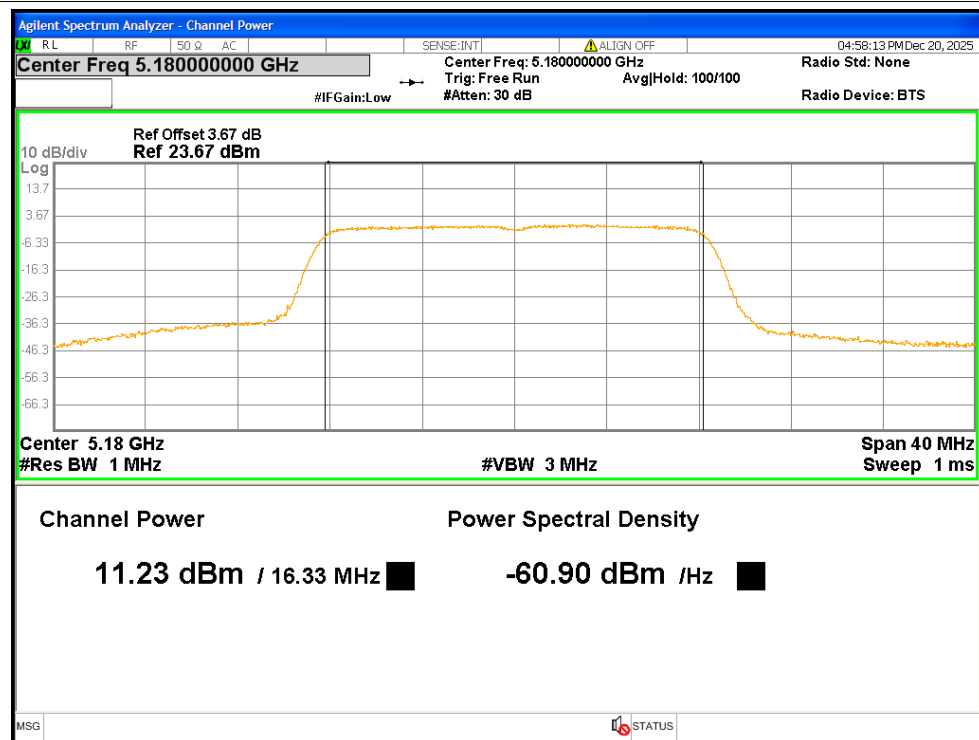
Power NVNT a 5200MHz Ant1



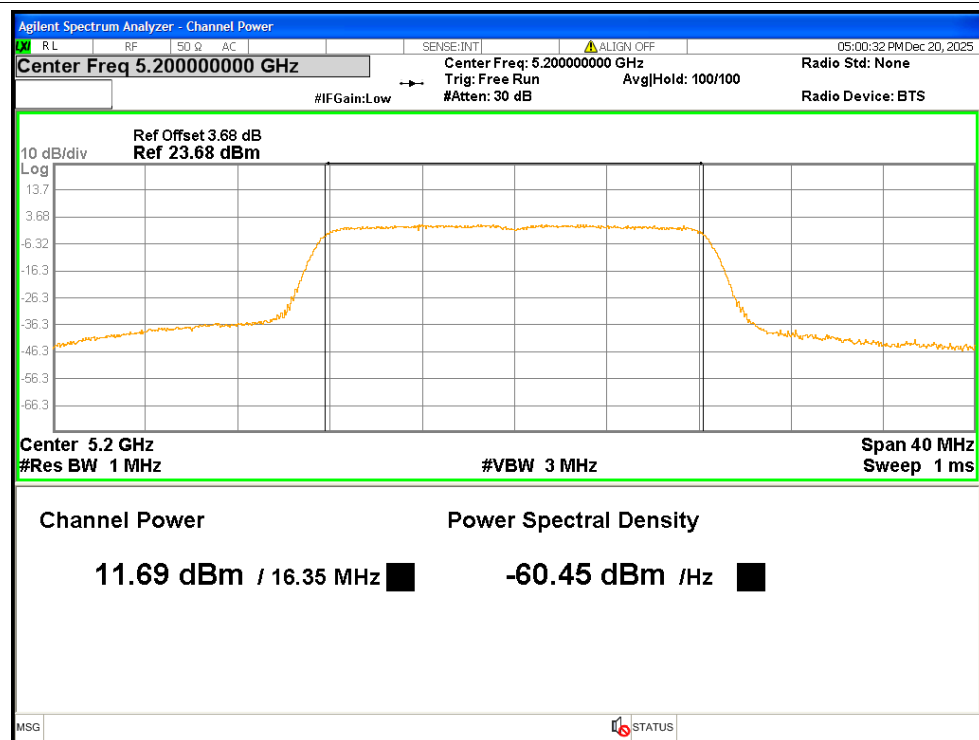
Power NVNT a 5240MHz Ant1



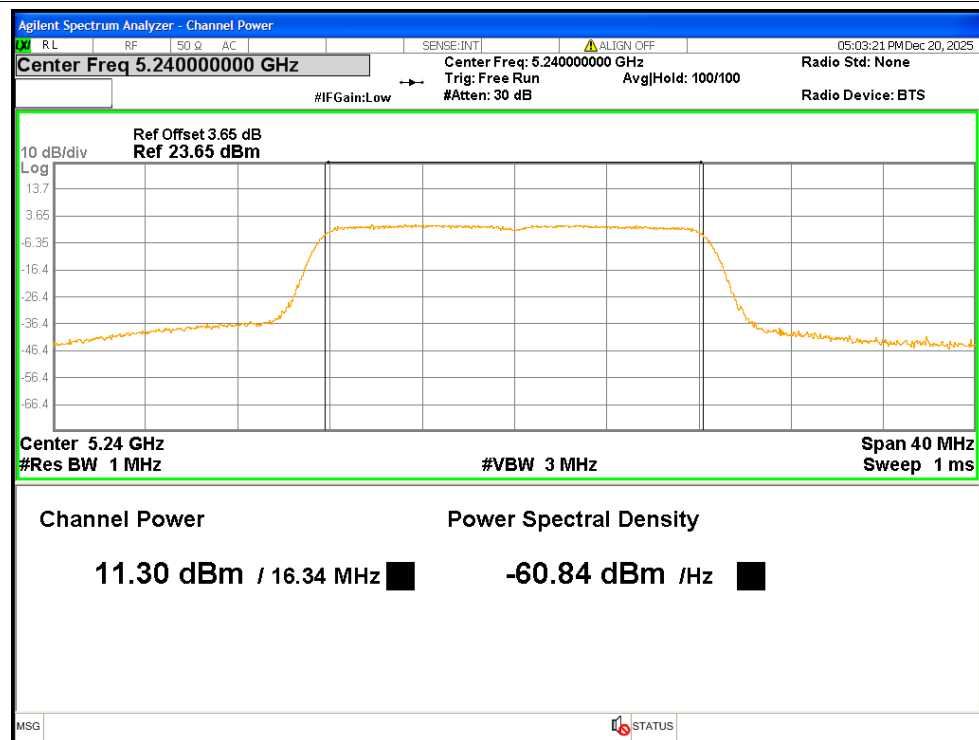
Power NVNT a 5180MHz Ant2



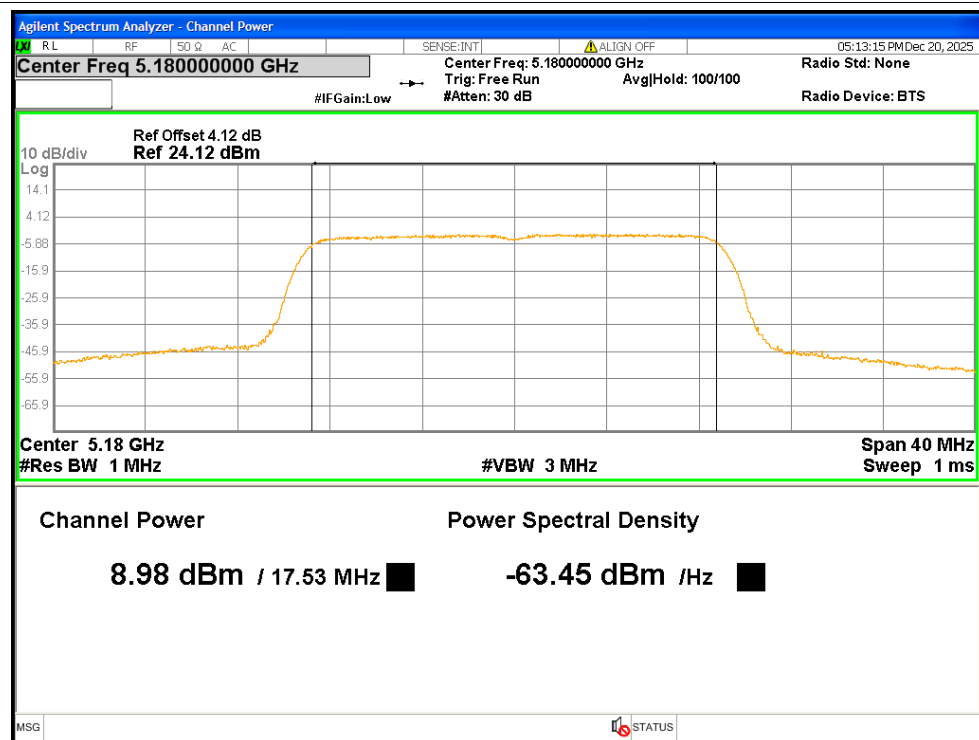
Power NVNT a 5200MHz Ant2



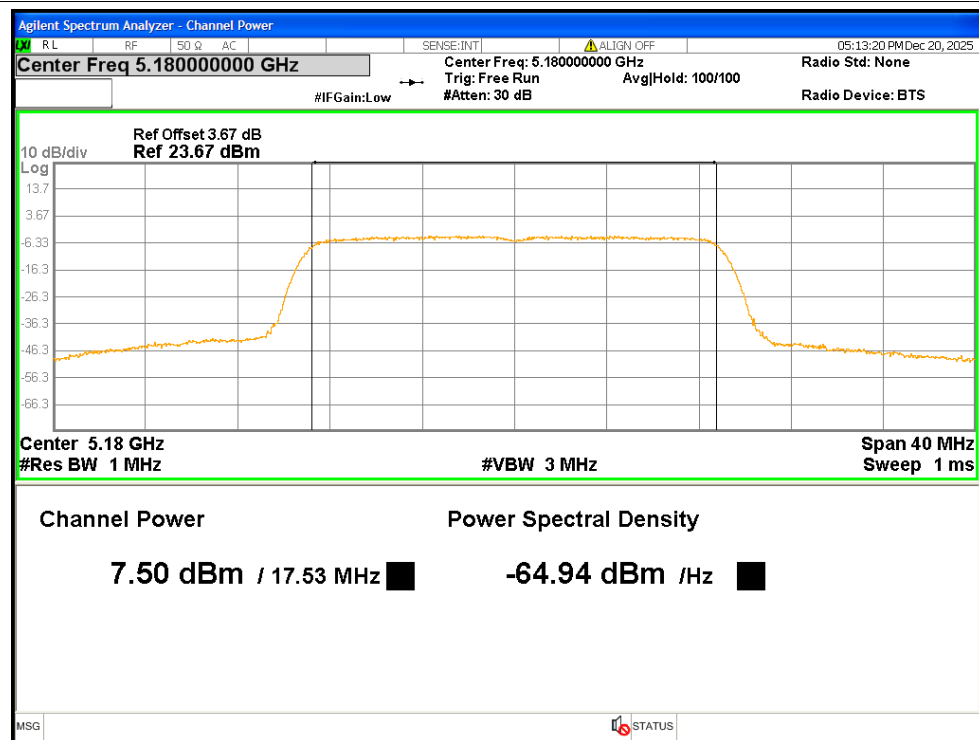
Power NVNT a 5240MHz Ant2



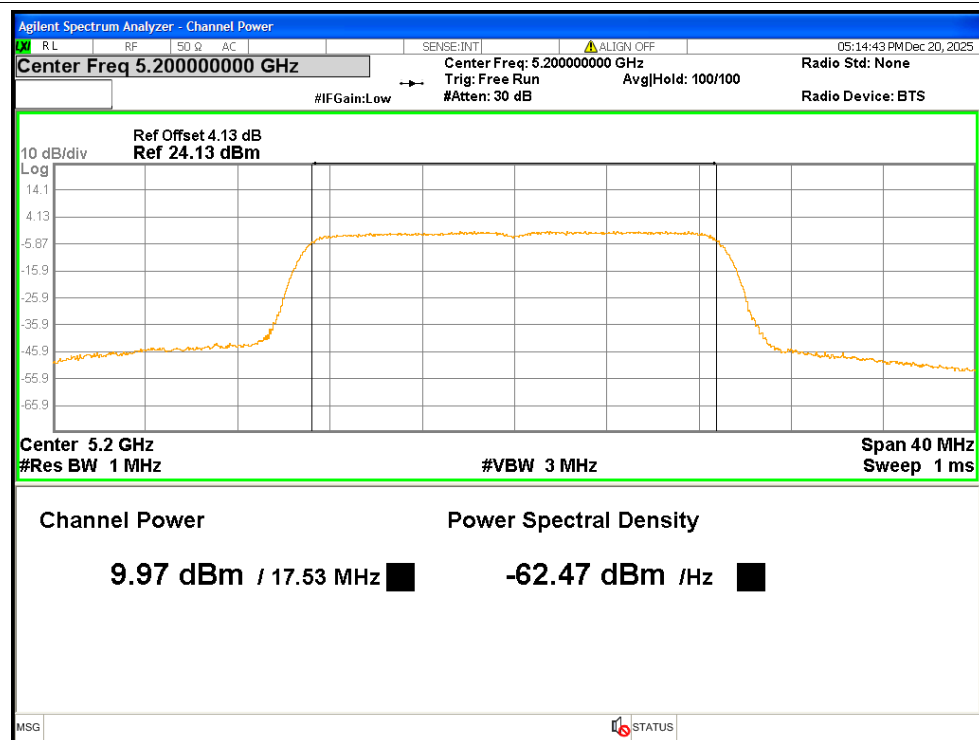
Power NVNT n20 5180MHz Ant1



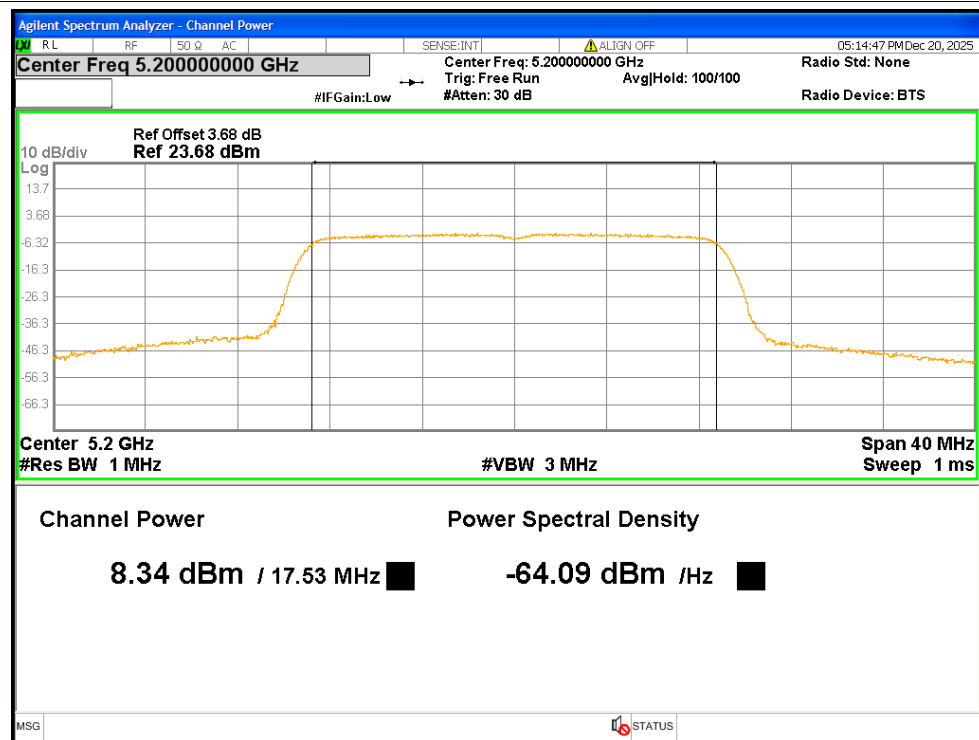
Power NVNT n20 5180MHz Ant2



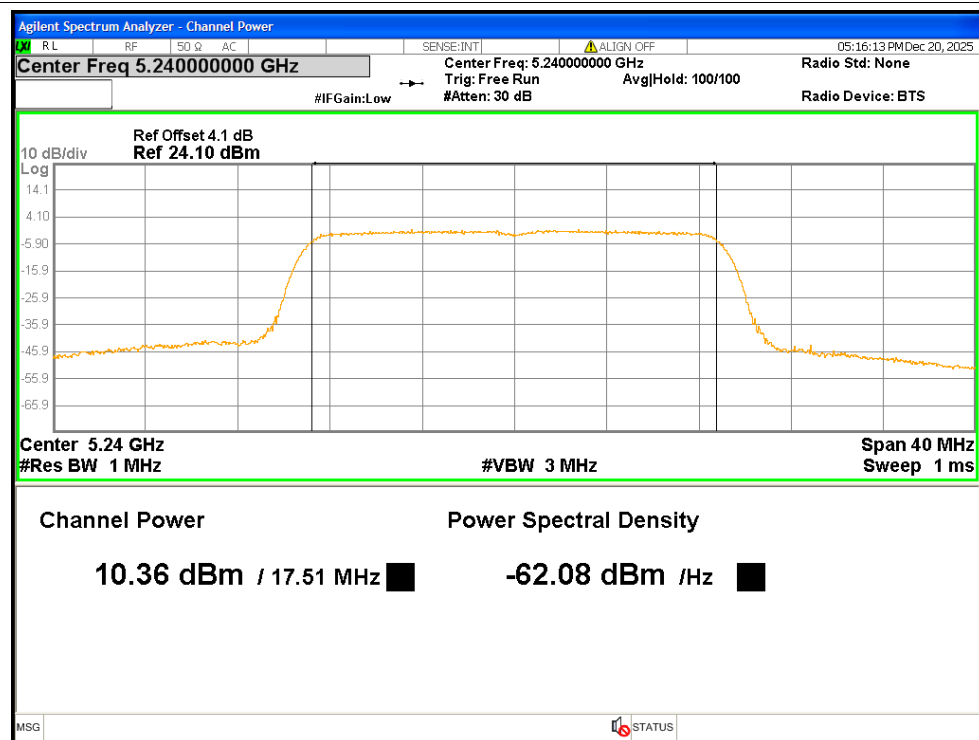
Power NVNT n20 5200MHz Ant1



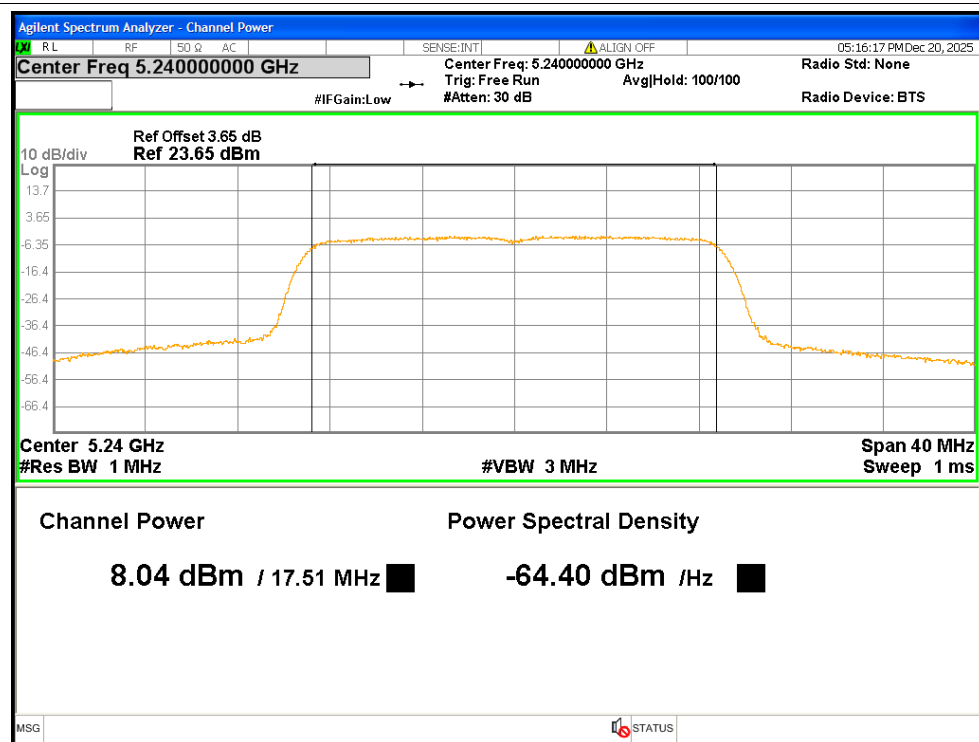
Power NVNT n20 5200MHz Ant2



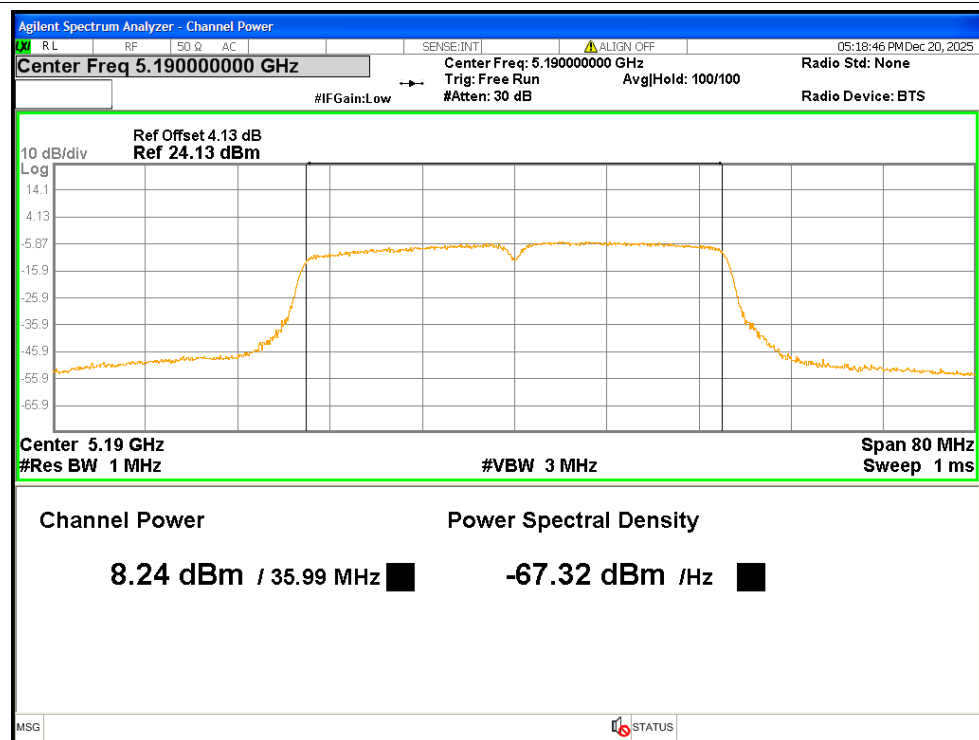
Power NVNT n20 5240MHz Ant1



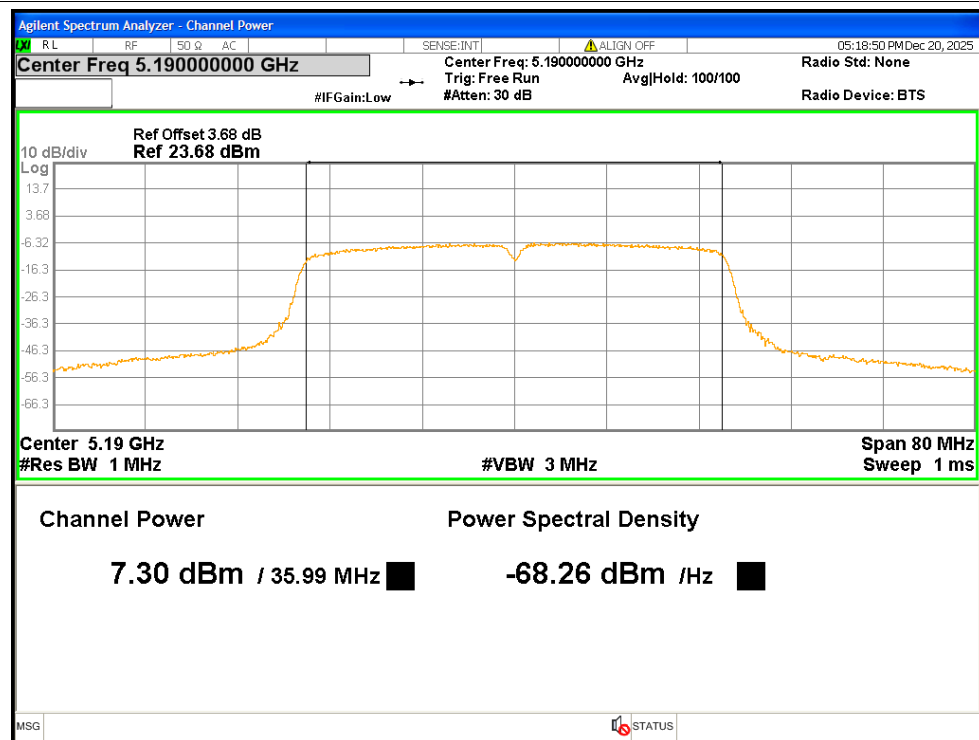
Power NVNT n20 5240MHz Ant2



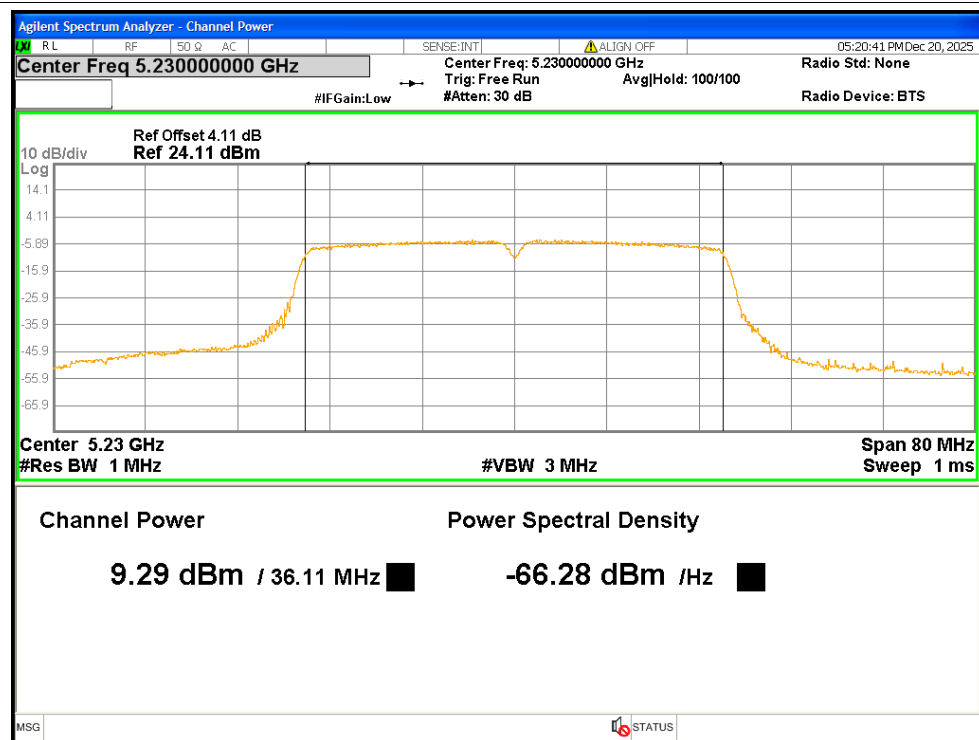
Power NVNT n40 5190MHz Ant1



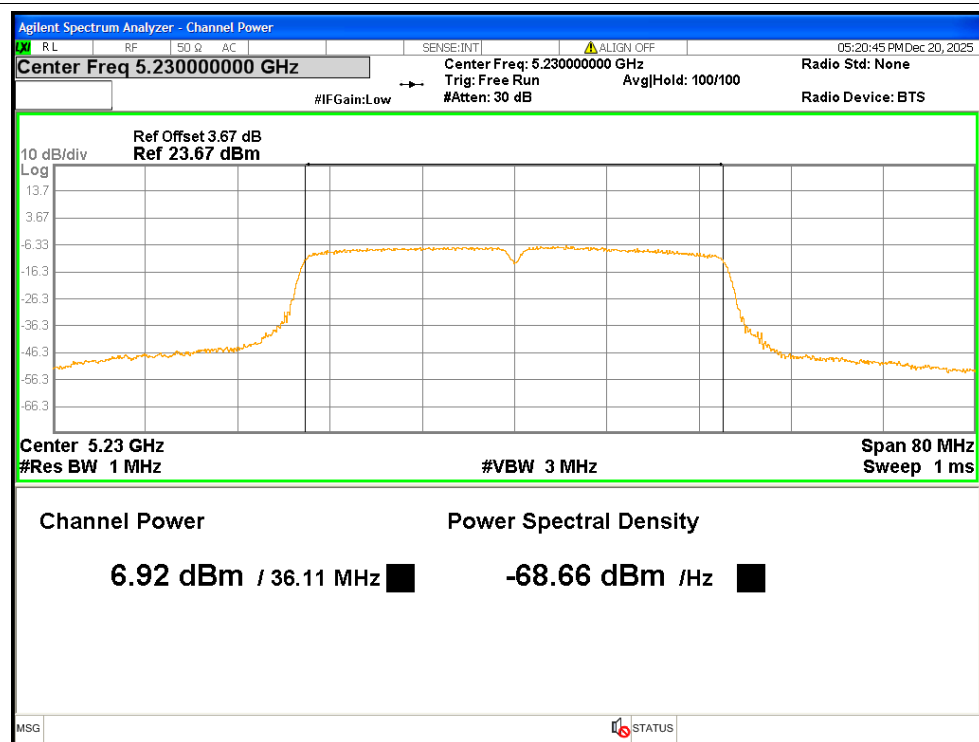
Power NVNT n40 5190MHz Ant2



Power NVNT n40 5230MHz Ant1



Power NVNT n40 5230MHz Ant2

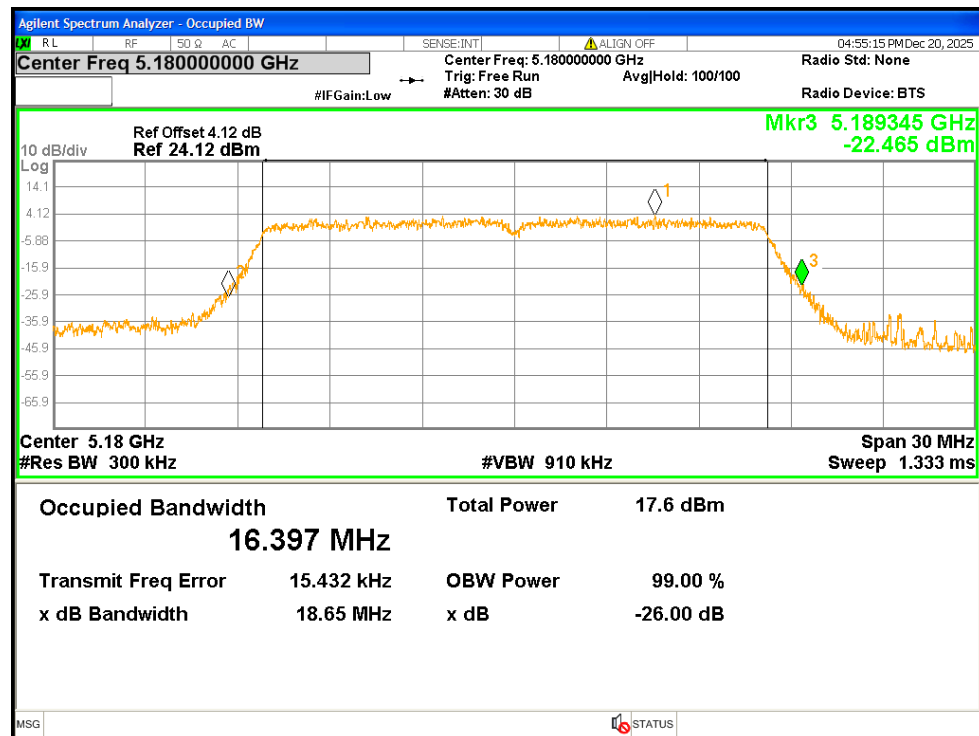


-26dB Bandwidth

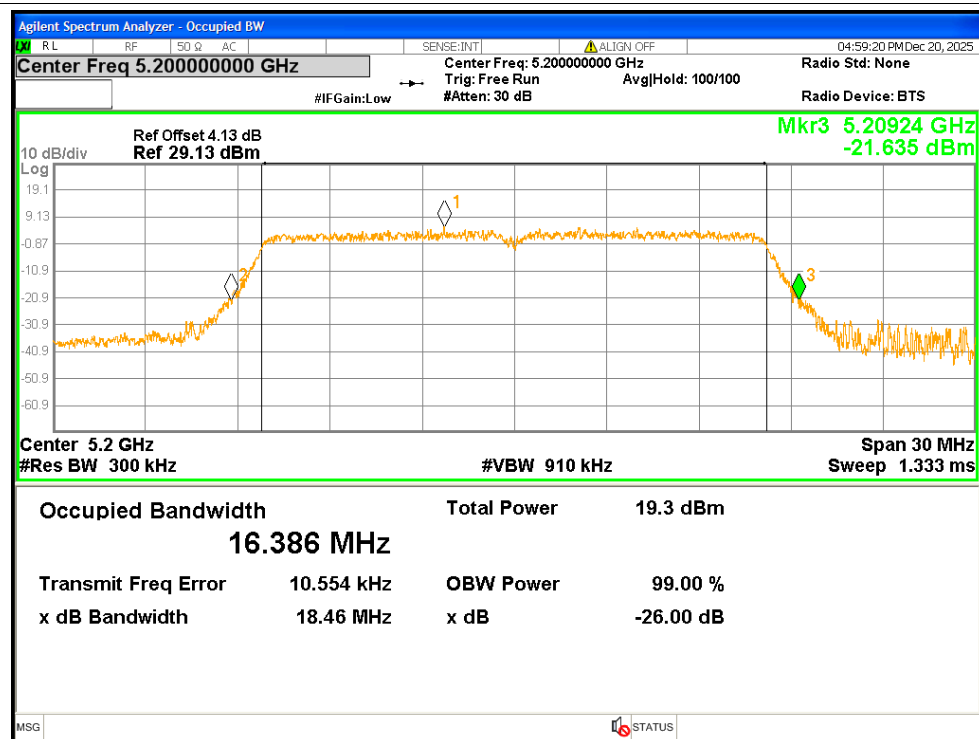
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.65	Pass
NVNT	a	5200	Ant1	18.46	Pass
NVNT	a	5240	Ant1	18.61	Pass
NVNT	a	5180	Ant2	18.49	Pass
NVNT	a	5200	Ant2	18.49	Pass
NVNT	a	5240	Ant2	18.46	Pass
NVNT	n20	5180	Ant1	19.49	Pass
NVNT	n20	5180	Ant2	19.45	Pass
NVNT	n20	5200	Ant1	19.48	Pass
NVNT	n20	5200	Ant2	19.49	Pass
NVNT	n20	5240	Ant1	19.61	Pass
NVNT	n20	5240	Ant2	19.45	Pass
NVNT	n40	5190	Ant1	41.44	Pass
NVNT	n40	5190	Ant2	40.58	Pass
NVNT	n40	5230	Ant1	41.32	Pass
NVNT	n40	5230	Ant2	41.2	Pass

Test Graphs

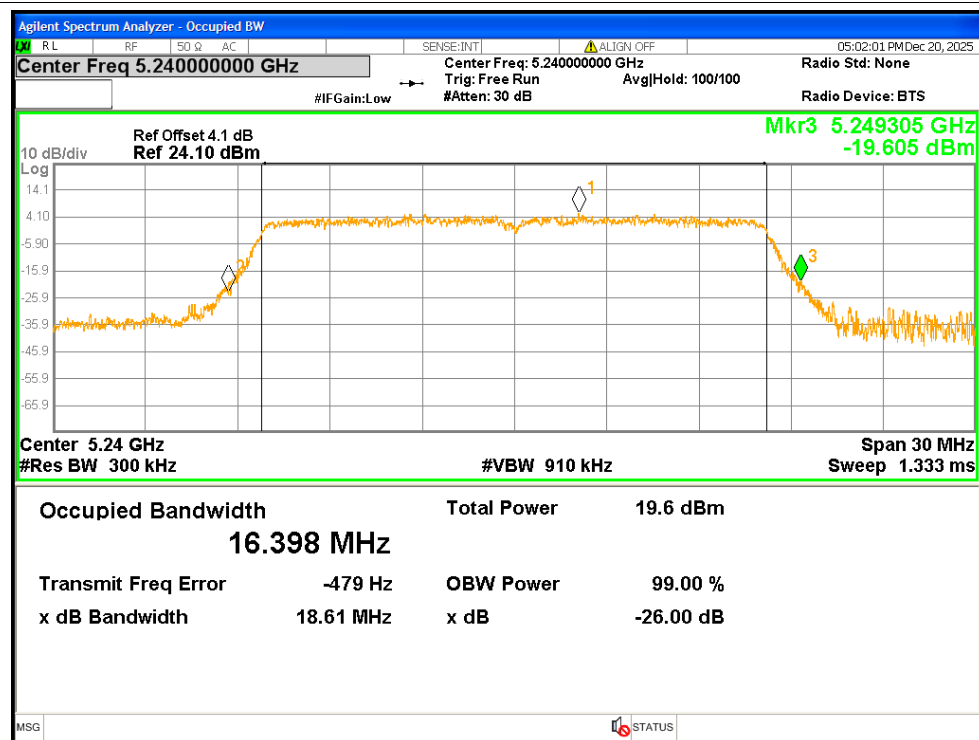
-26dB Bandwidth NVNT a 5180MHz Ant1



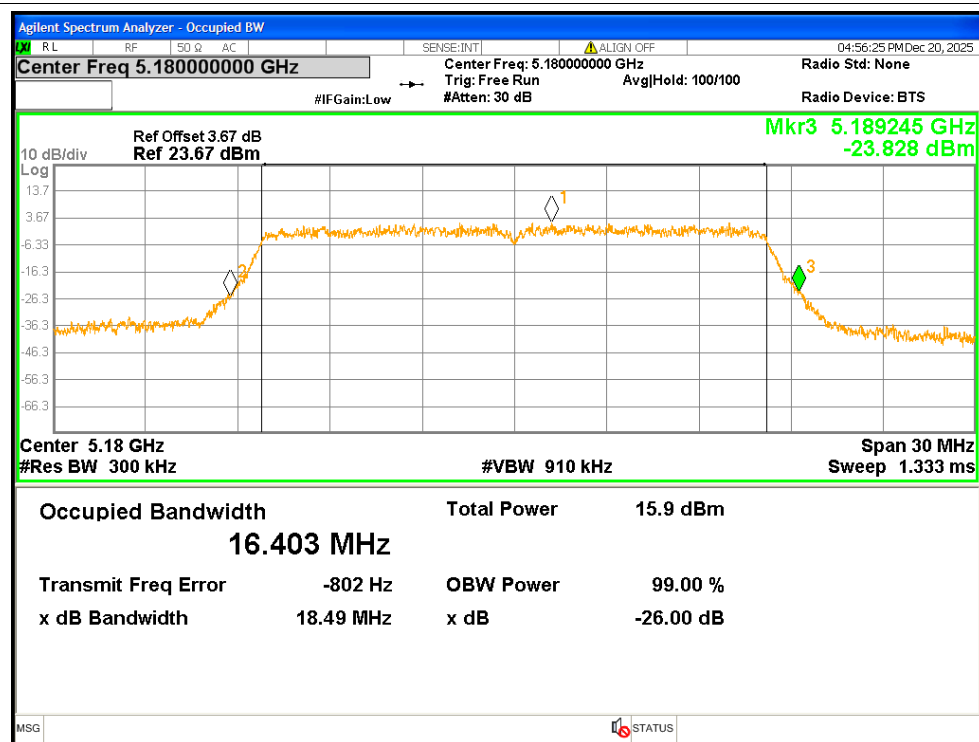
-26dB Bandwidth NVNT a 5200MHz Ant1



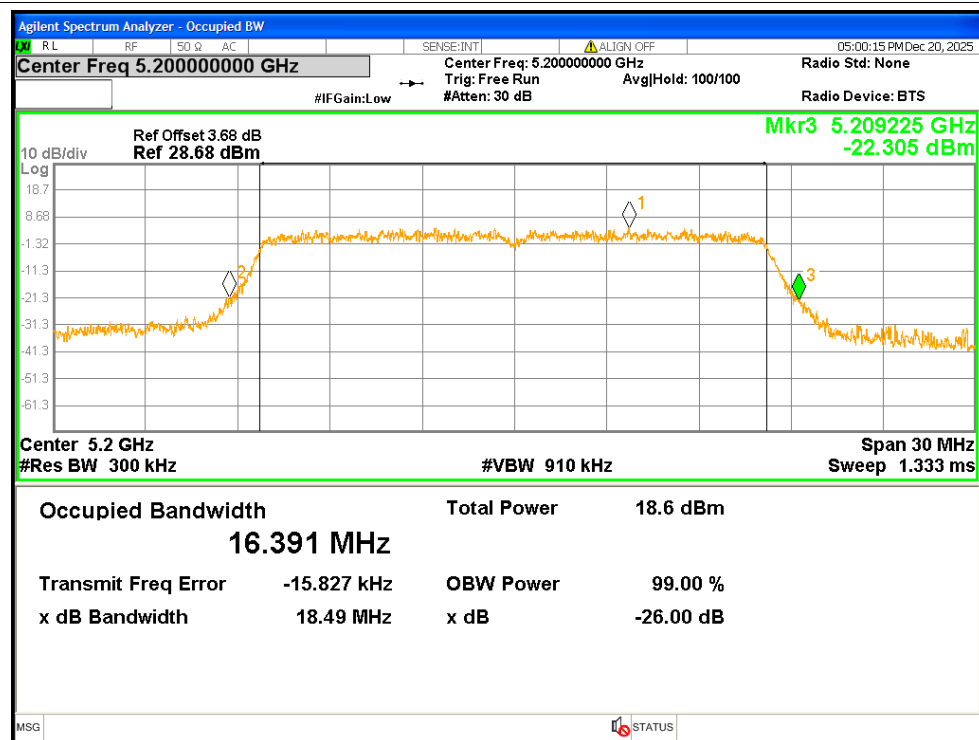
-26dB Bandwidth NVNT a 5240MHz Ant1



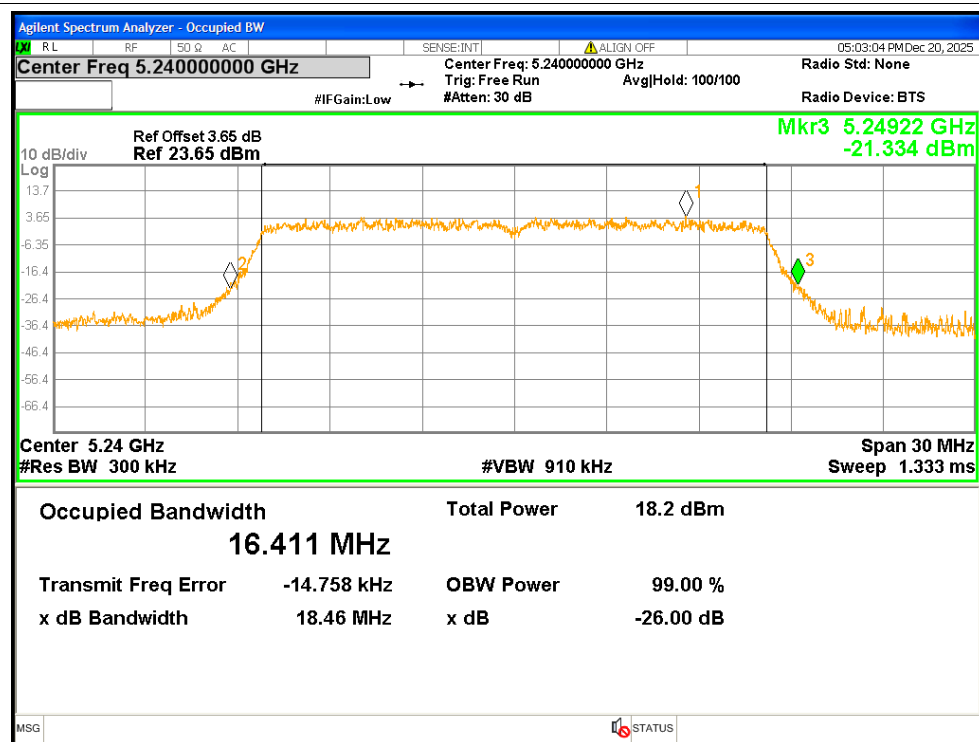
-26dB Bandwidth NVNT a 5180MHz Ant2



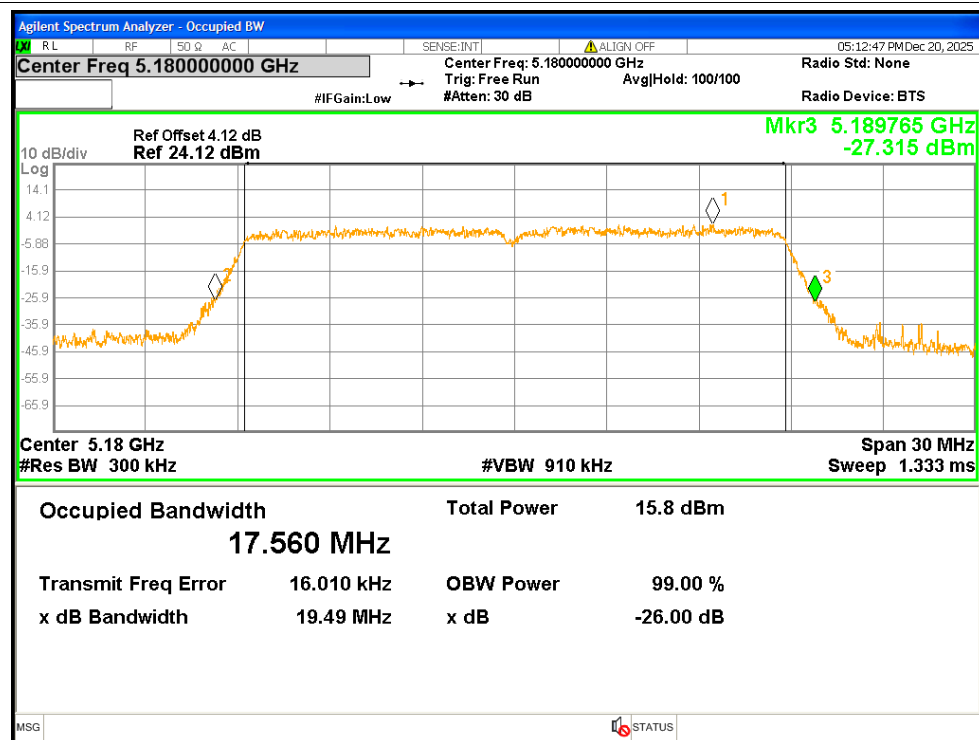
-26dB Bandwidth NVNT a 5200MHz Ant2



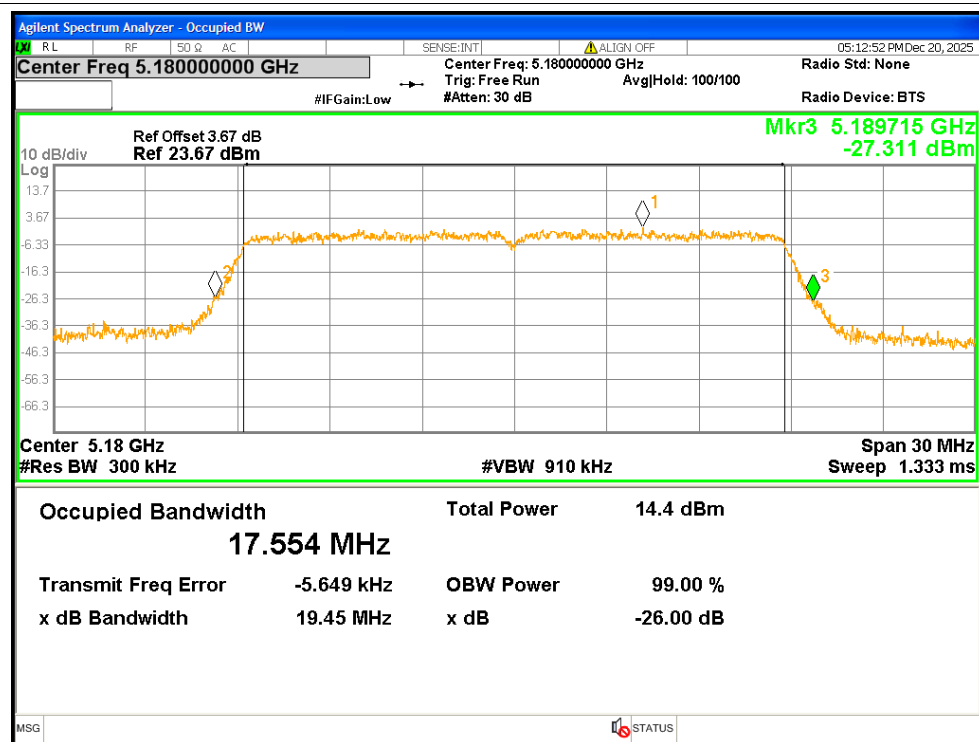
-26dB Bandwidth NVNT a 5240MHz Ant2



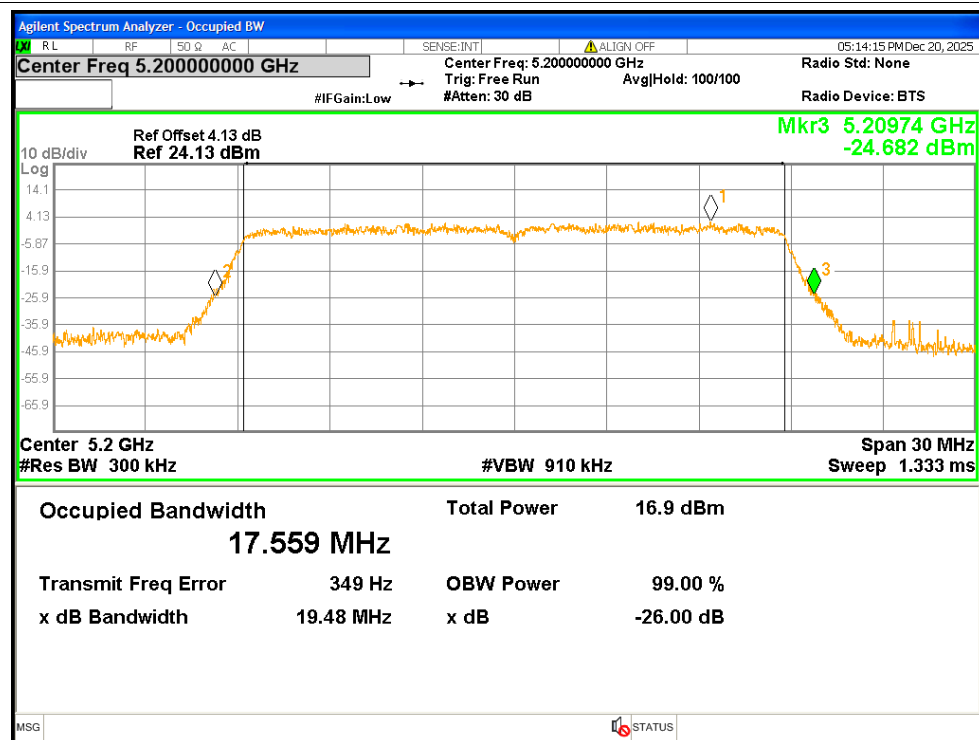
-26dB Bandwidth NVNT n20 5180MHz Ant1



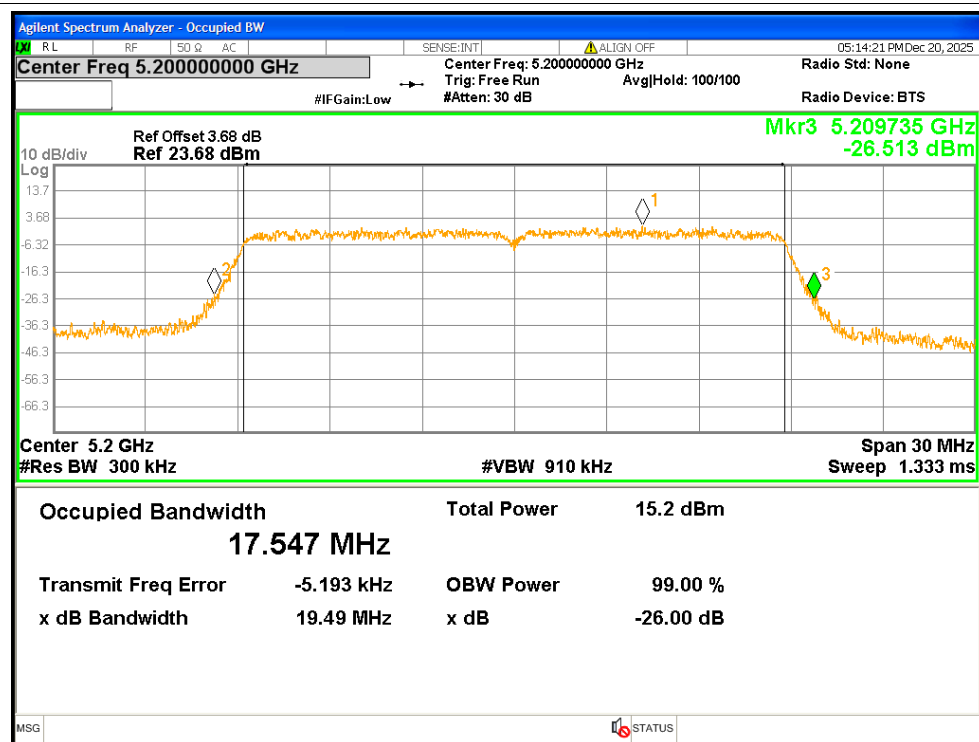
-26dB Bandwidth NVNT n20 5180MHz Ant2



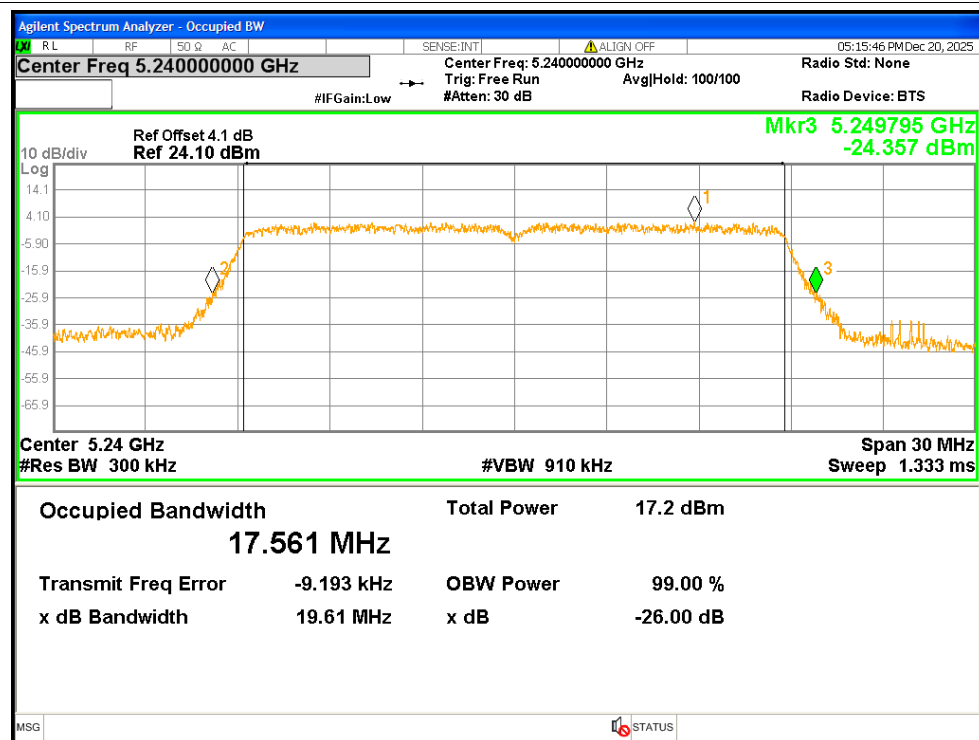
-26dB Bandwidth NVNT n20 5200MHz Ant1



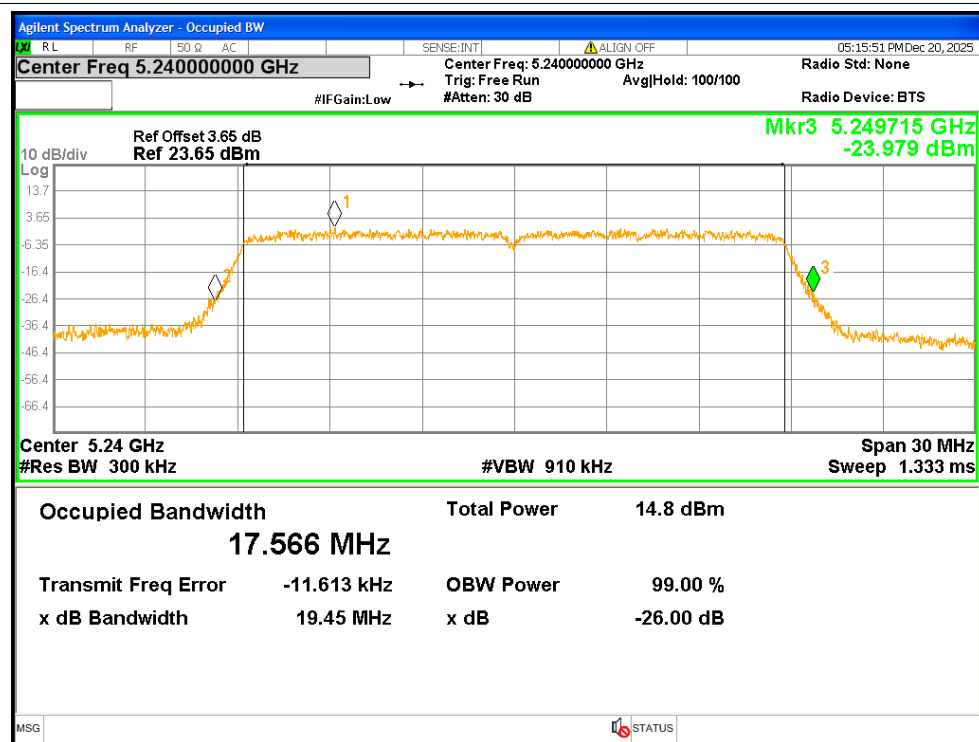
-26dB Bandwidth NVNT n20 5200MHz Ant2



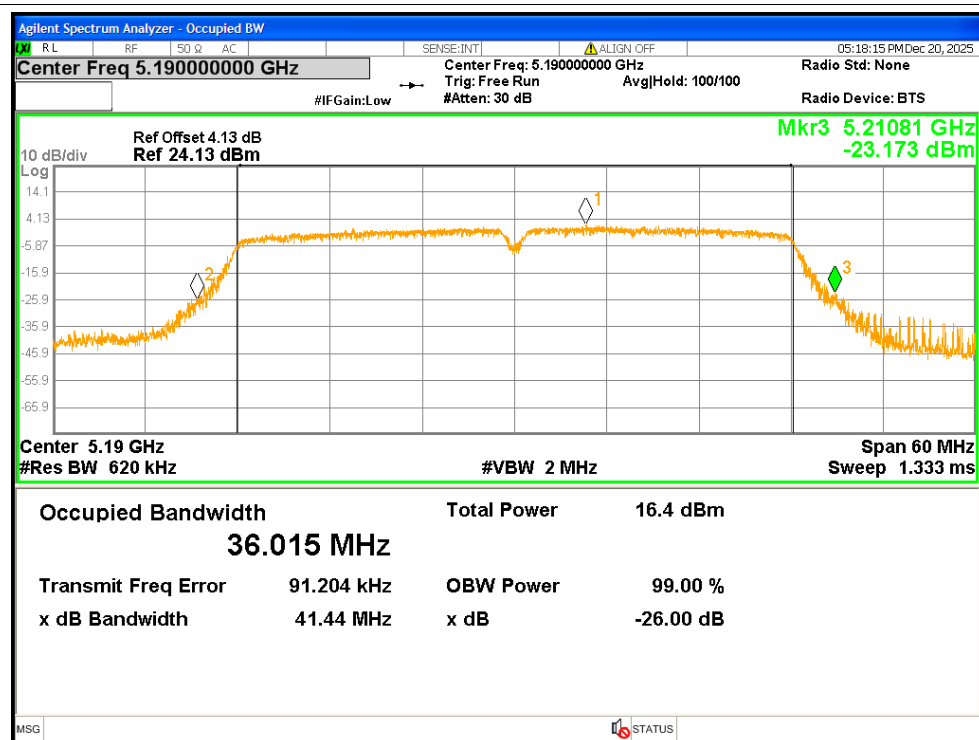
-26dB Bandwidth NVNT n20 5240MHz Ant1



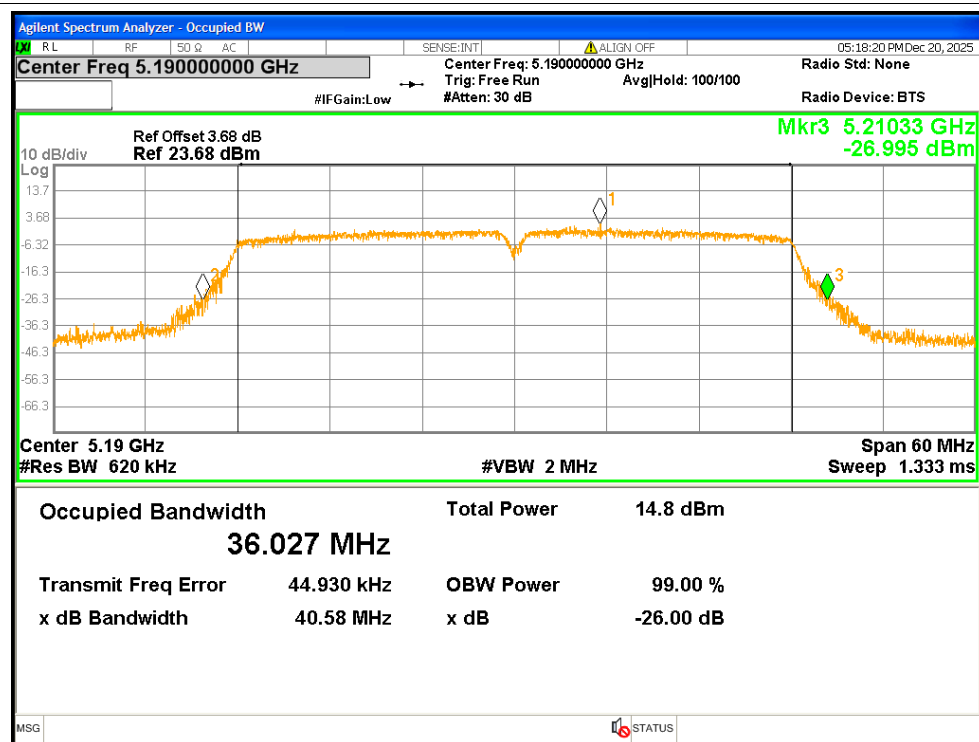
-26dB Bandwidth NVNT n20 5240MHz Ant2



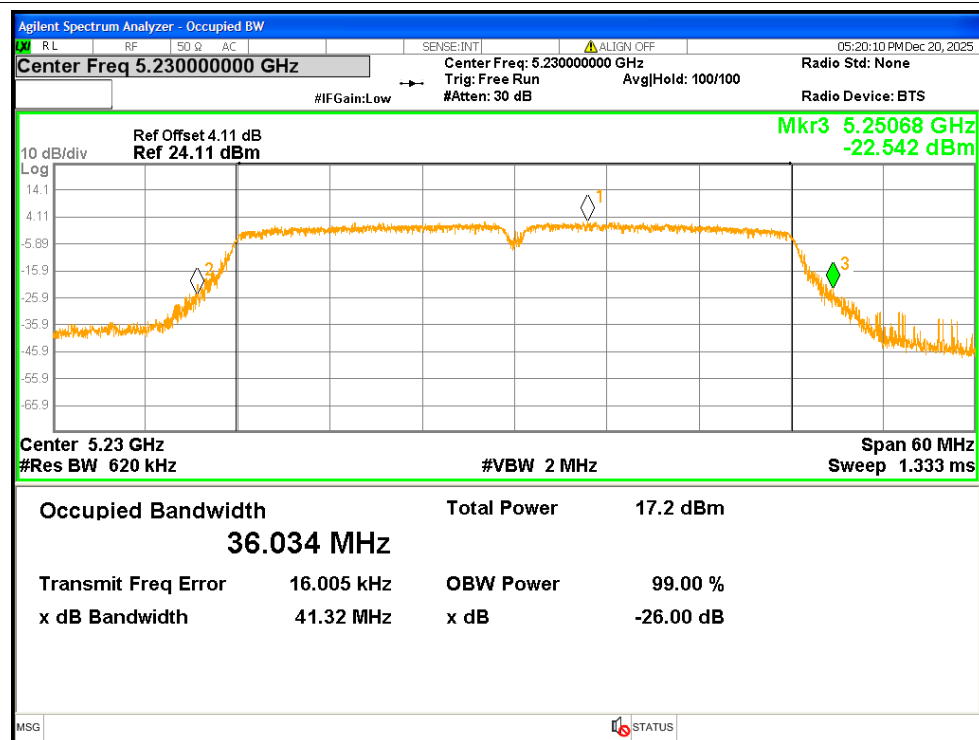
-26dB Bandwidth NVNT n40 5190MHz Ant1



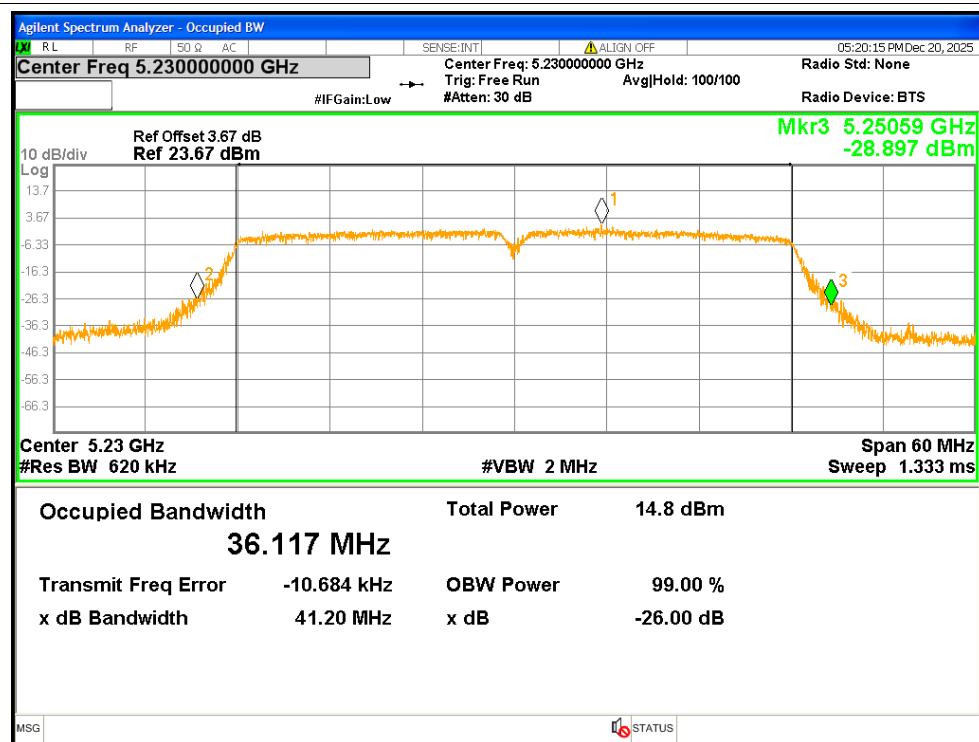
-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2

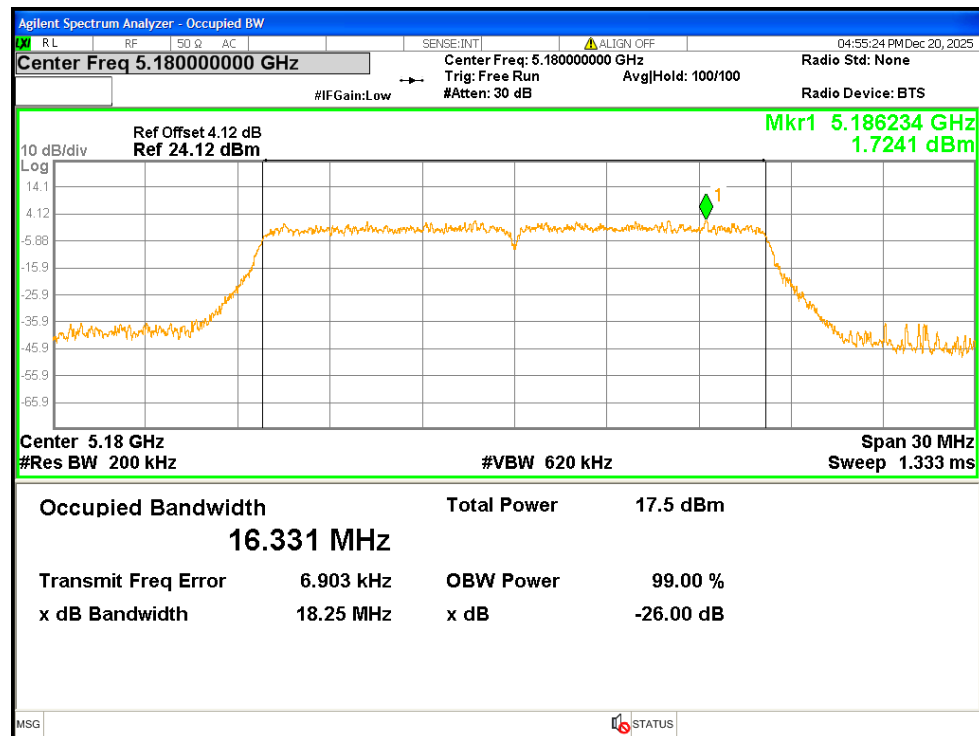


Occupied Channel Bandwidth

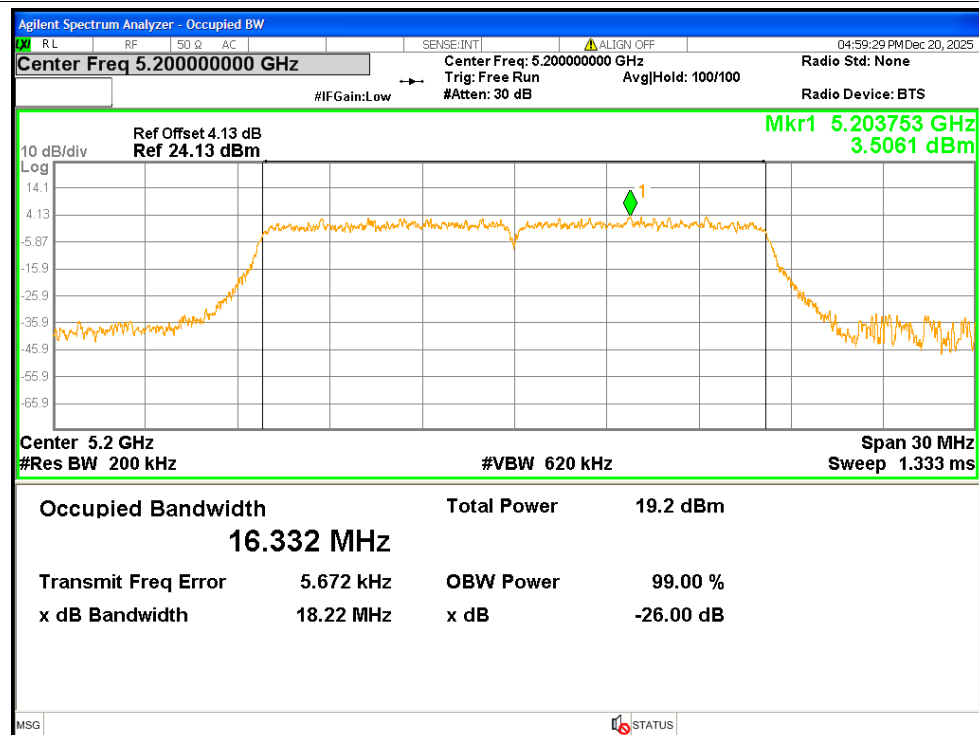
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.331
NVNT	a	5200	Ant1	16.332
NVNT	a	5240	Ant1	16.348
NVNT	a	5180	Ant2	16.328
NVNT	a	5200	Ant2	16.346
NVNT	a	5240	Ant2	16.342
NVNT	n20	5180	Ant1	17.524
NVNT	n20	5180	Ant2	17.529
NVNT	n20	5200	Ant1	17.528
NVNT	n20	5200	Ant2	17.524
NVNT	n20	5240	Ant1	17.513
NVNT	n20	5240	Ant2	17.511
NVNT	n40	5190	Ant1	35.994
NVNT	n40	5190	Ant2	35.993
NVNT	n40	5230	Ant1	36.046
NVNT	n40	5230	Ant2	36.11

Test Graphs

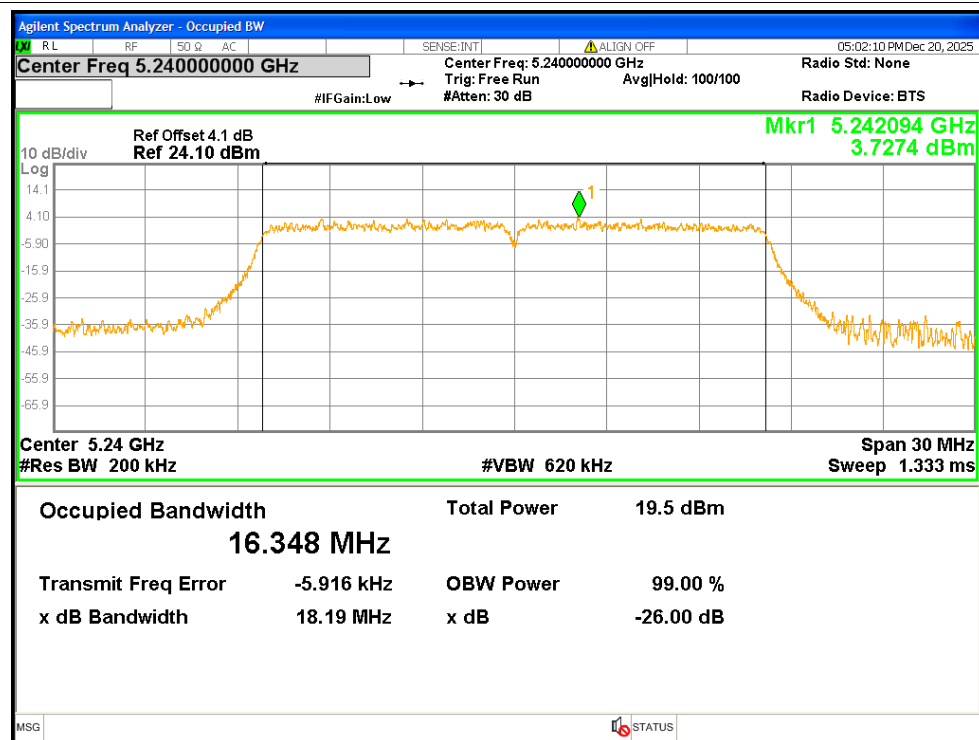
OBW NVNT a 5180MHz Ant1



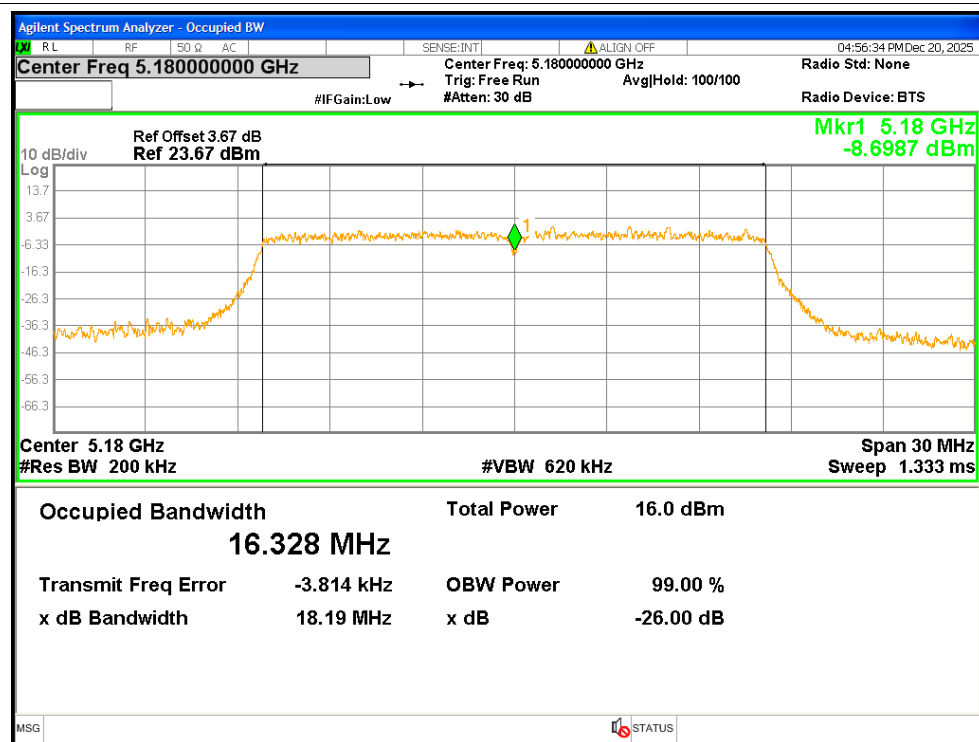
OBW NVNT a 5200MHz Ant1



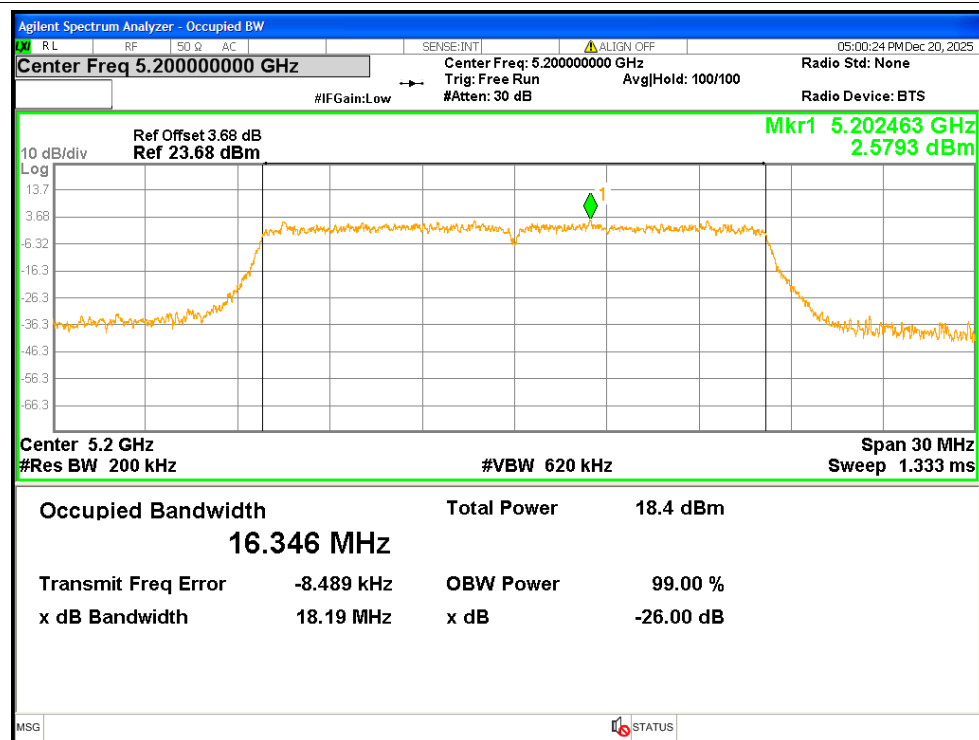
OBW NVNT a 5240MHz Ant1



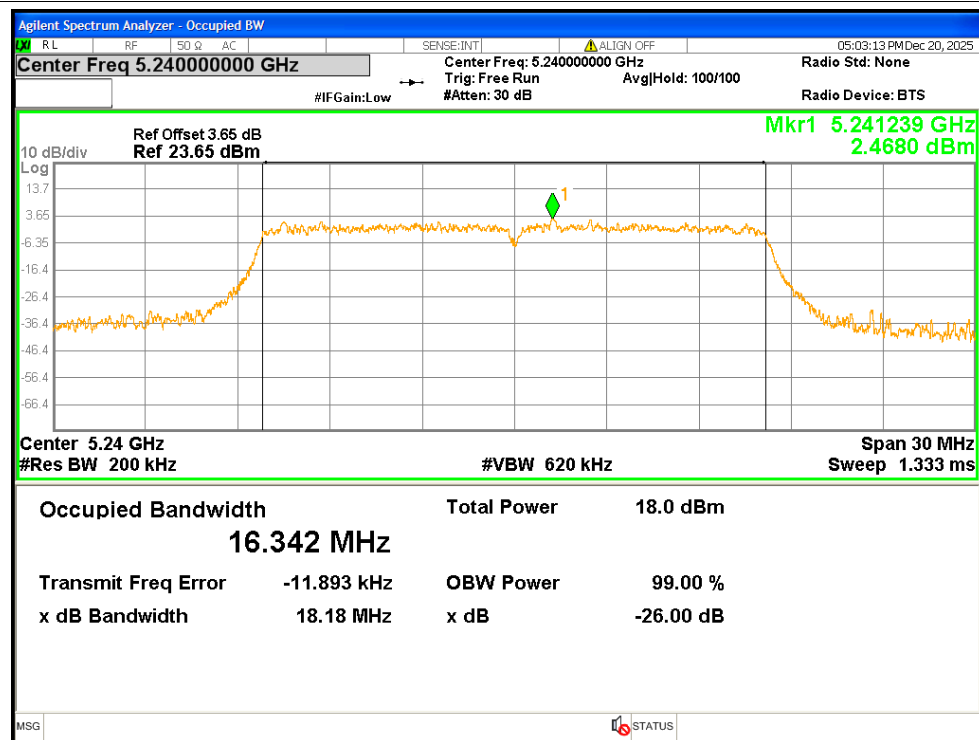
OBW NVNT a 5180MHz Ant2



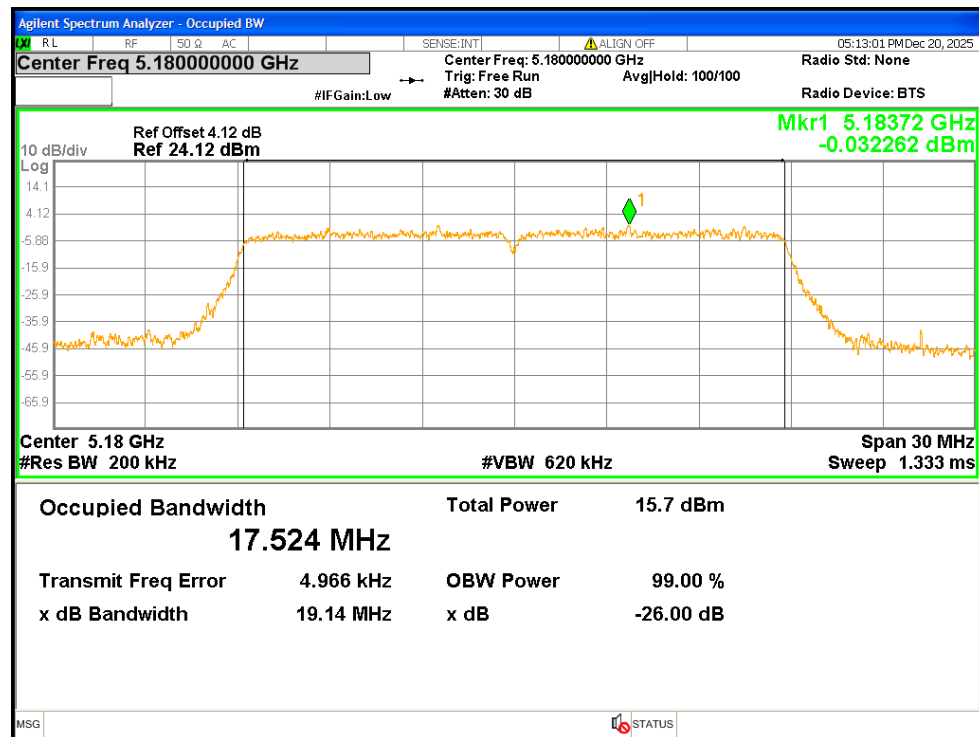
OBW NVNT a 5200MHz Ant2



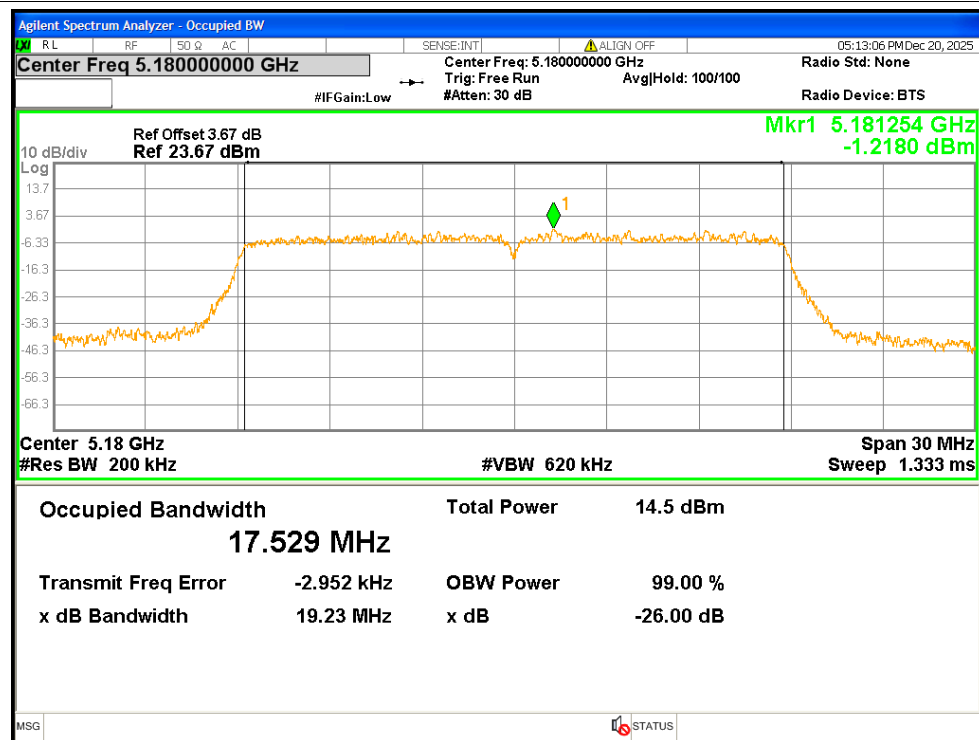
OBW NVNT a 5240MHz Ant2



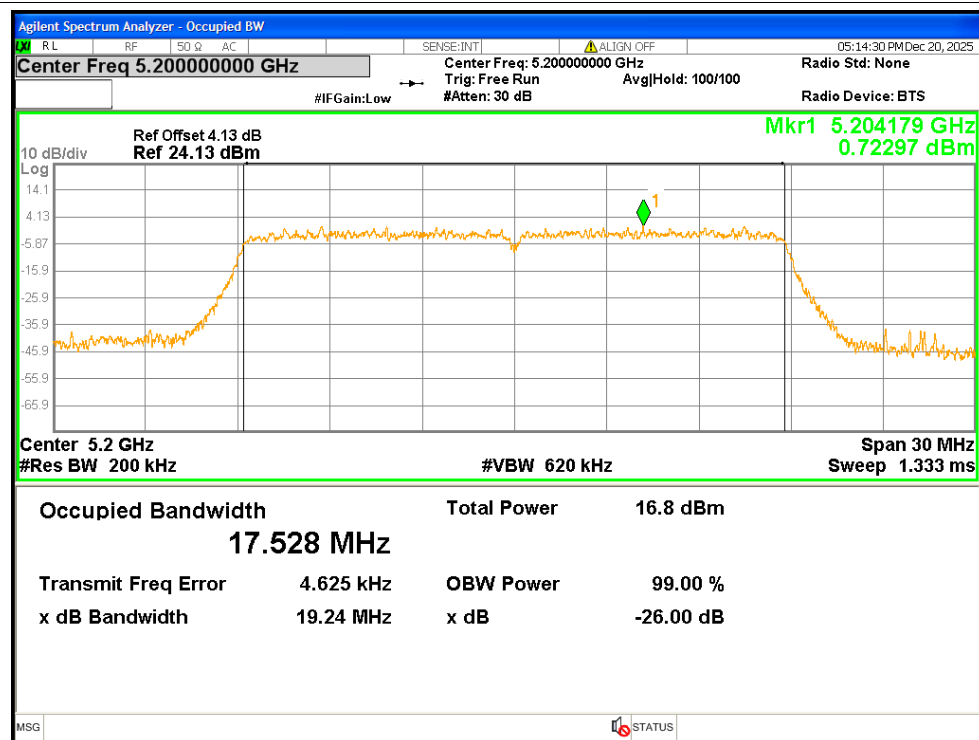
OBW NVNT n20 5180MHz Ant1



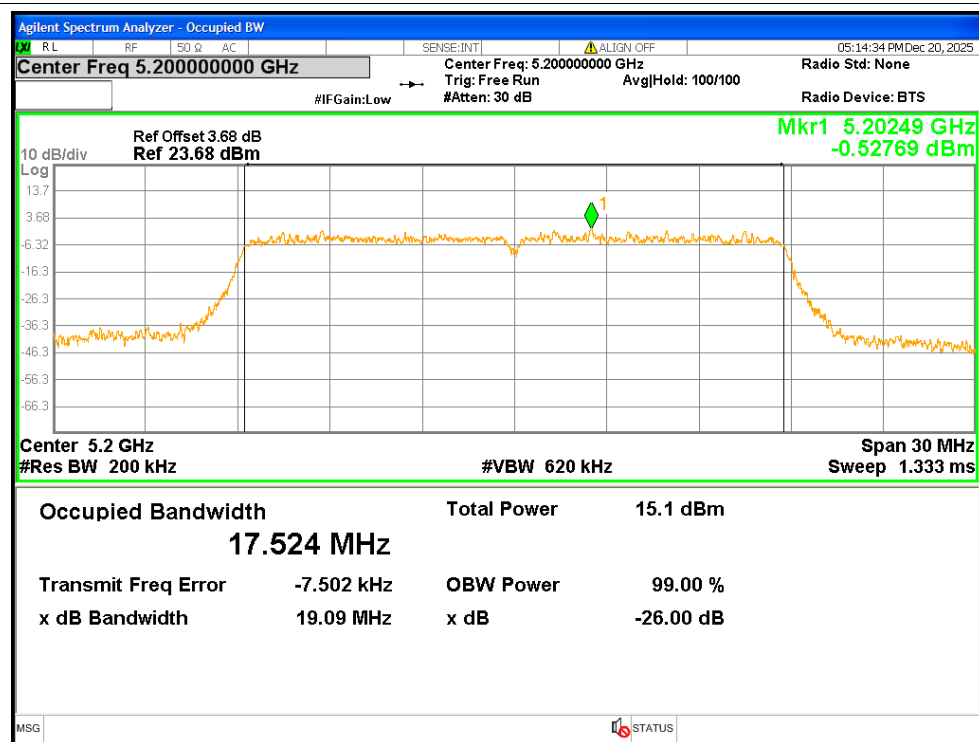
OBW NVNT n20 5180MHz Ant2



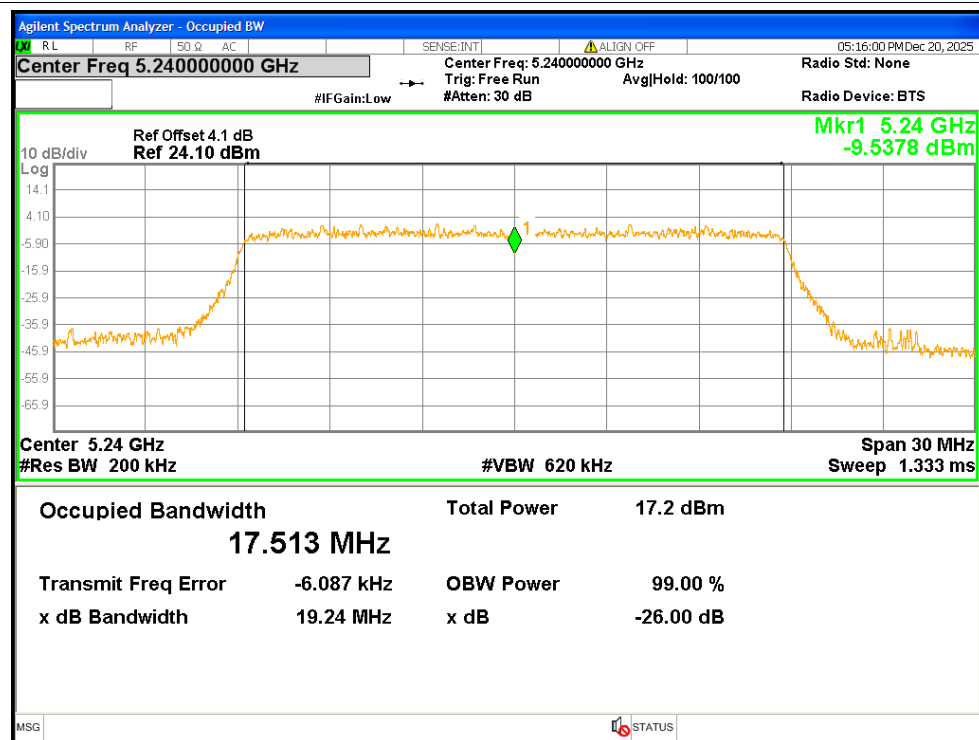
OBW NVNT n20 5200MHz Ant1



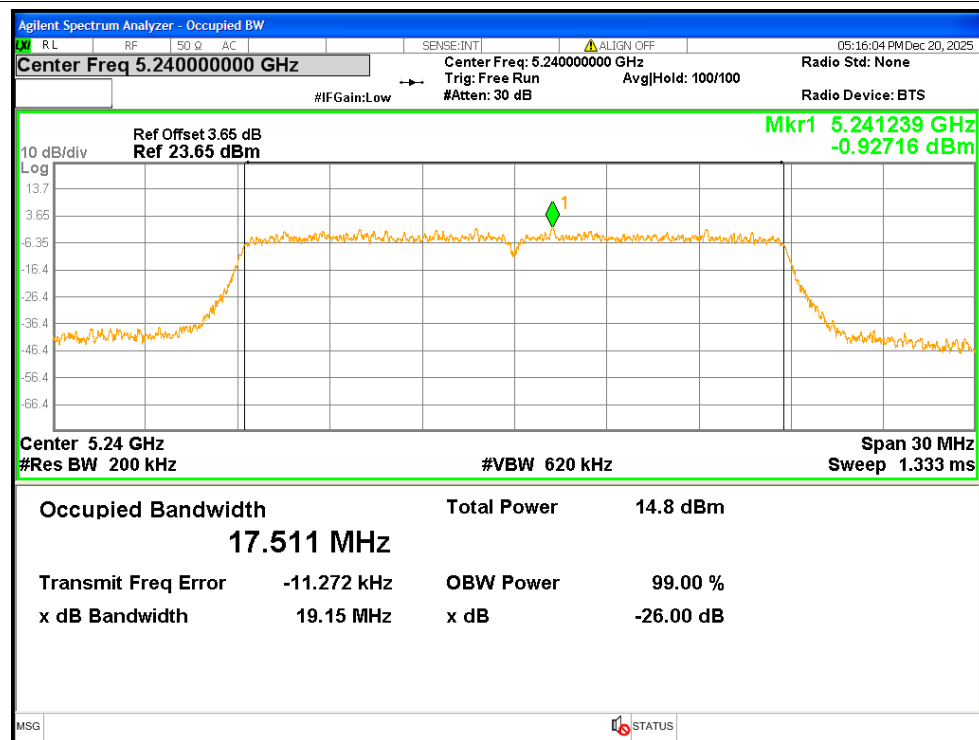
OBW NVNT n20 5200MHz Ant2



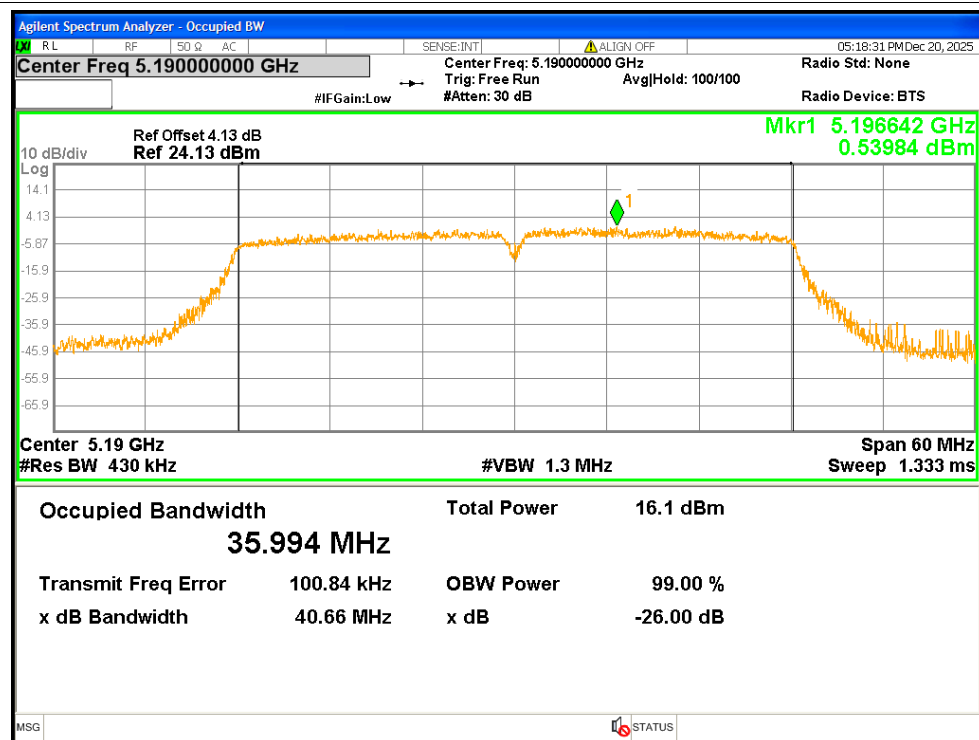
OBW NVNT n20 5240MHz Ant1



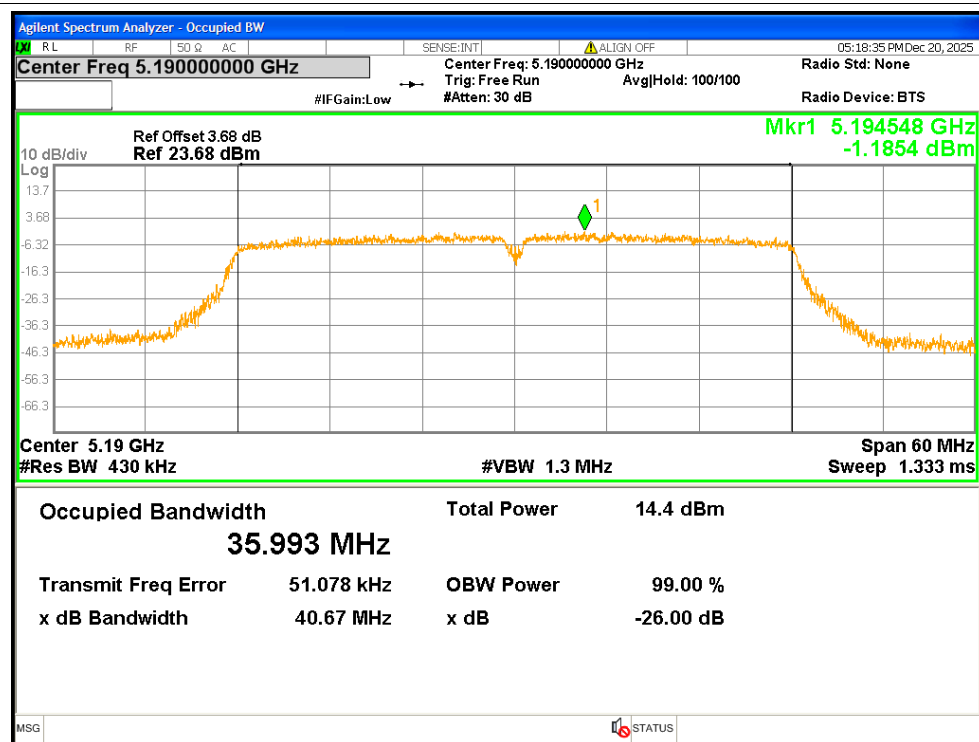
OBW NVNT n20 5240MHz Ant2



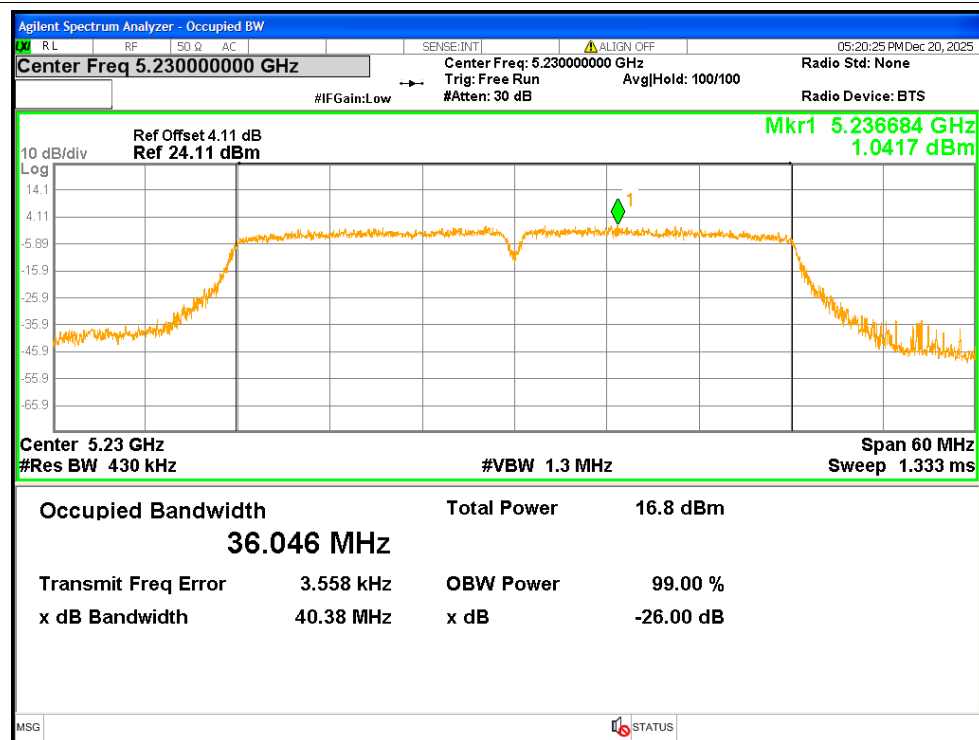
OBW NVNT n40 5190MHz Ant1



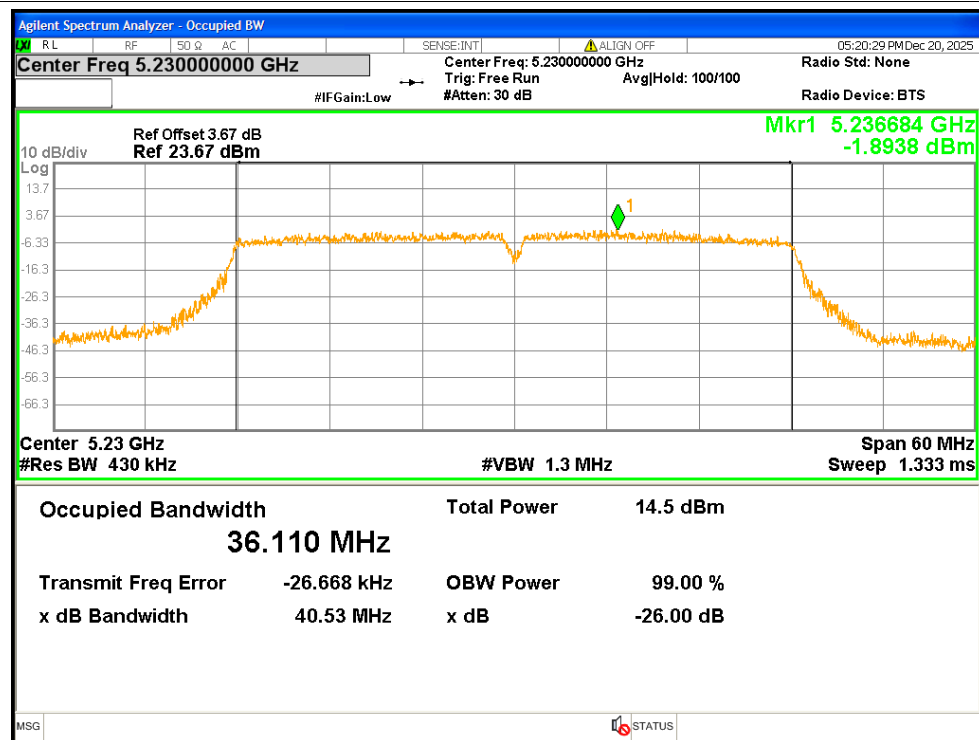
OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant1



OBW NVNT n40 5230MHz Ant2

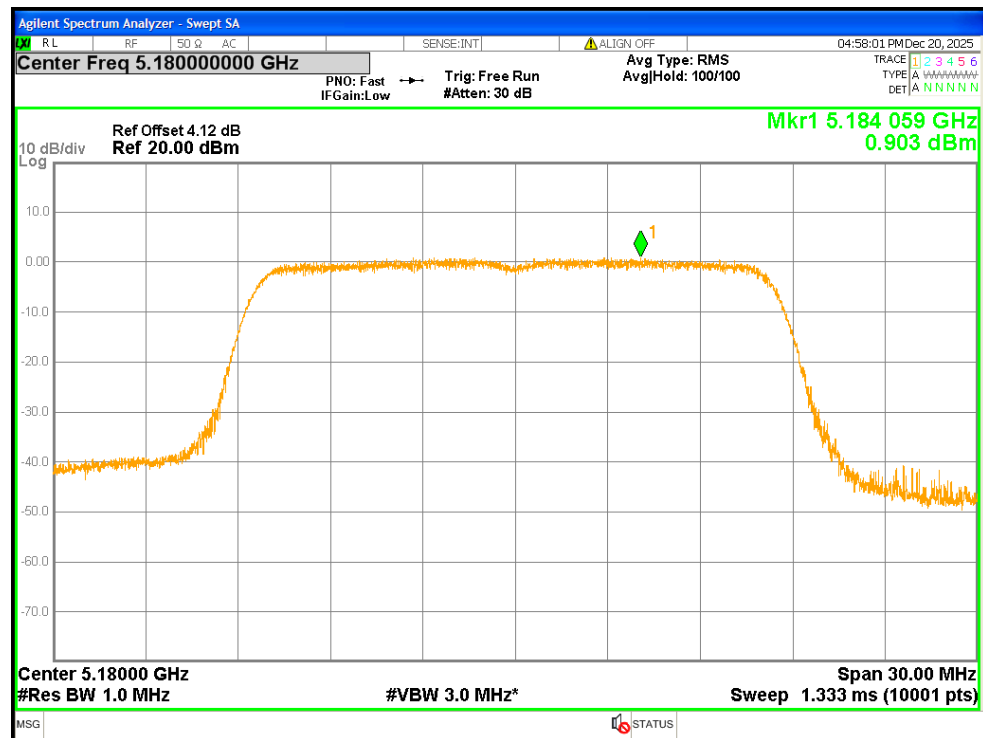


Maximum Power Spectral Density Level

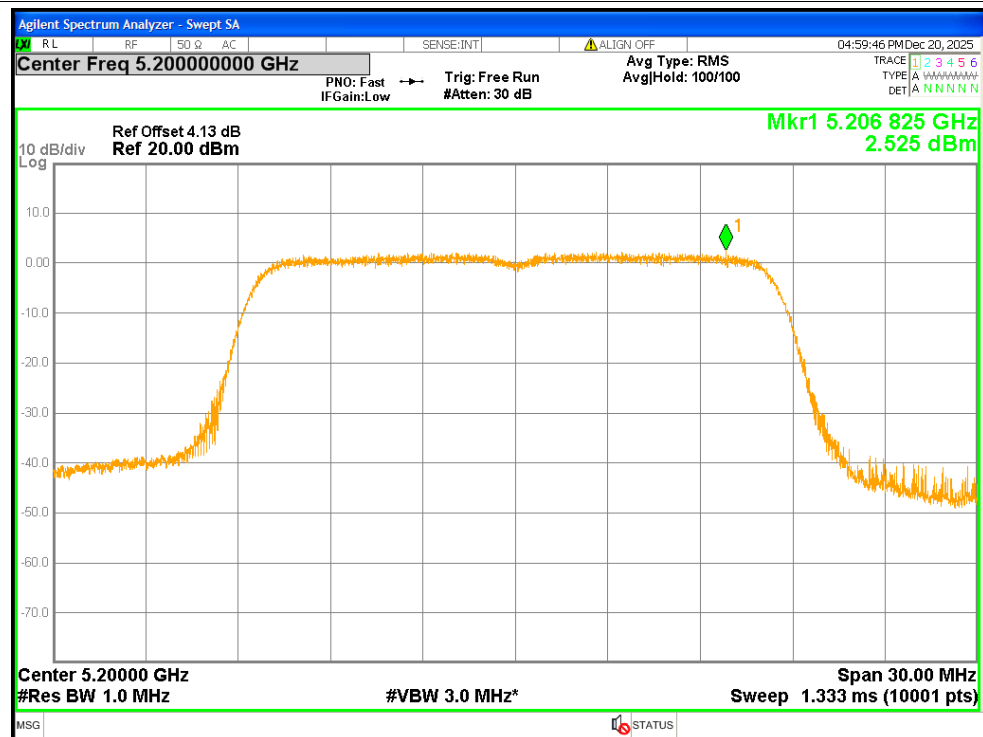
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.903	1.36	2.263	<=11	Pass
NVNT	a	5200	Ant1	2.525	1.36	3.885	<=11	Pass
NVNT	a	5240	Ant1	2.976	1.36	4.336	<=11	Pass
NVNT	a	5180	Ant2	1.139	1.36	2.499	<=11	Pass
NVNT	a	5200	Ant2	1.499	1.36	2.859	<=11	Pass
NVNT	a	5240	Ant2	1.186	1.36	2.546	<=11	Pass
NVNT	n20	5180	Ant1	-1.39	1.44	0.05	<=11	Pass
NVNT	n20	5180	Ant2	-2.971	1.44	-1.531	<=11	Pass
NVNT	n20	5180	MIMO	0.901	1.44	2.341	<=10.96	Pass
NVNT	n20	5200	Ant1	-0.197	1.44	1.243	<=11	Pass
NVNT	n20	5200	Ant2	-2.045	1.44	-0.605	<=11	Pass
NVNT	n20	5200	MIMO	1.987	1.44	3.427	<=10.96	Pass
NVNT	n20	5240	Ant1	-0.161	1.44	1.279	<=11	Pass
NVNT	n20	5240	Ant2	-2.852	1.44	-1.412	<=11	Pass
NVNT	n20	5240	MIMO	1.709	1.44	3.149	<=10.96	Pass
NVNT	n40	5190	Ant1	-4.611	2.53	-2.081	<=11	Pass
NVNT	n40	5190	Ant2	-6.151	2.53	-3.621	<=11	Pass
NVNT	n40	5190	MIMO	-2.303	2.53	0.227	<=10.96	Pass
NVNT	n40	5230	Ant1	-3.876	2.53	-1.346	<=11	Pass
NVNT	n40	5230	Ant2	-7.203	2.53	-4.673	<=11	Pass
NVNT	n40	5230	MIMO	-2.218	2.53	0.312	<=10.96	Pass

Test Graphs

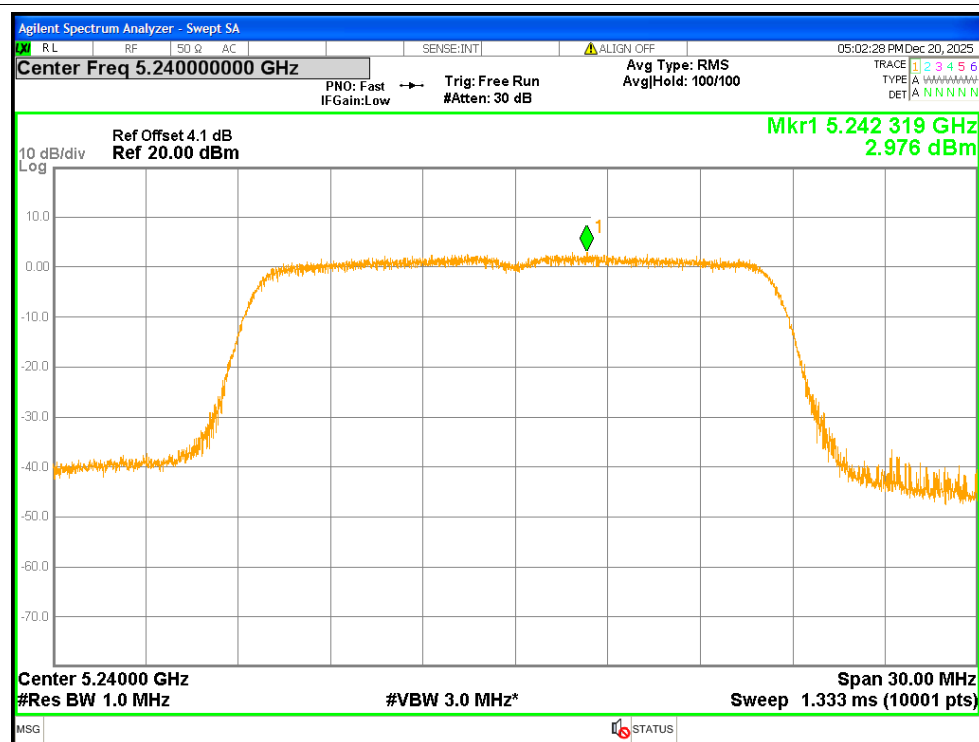
PSD NVNT a 5180MHz Ant1



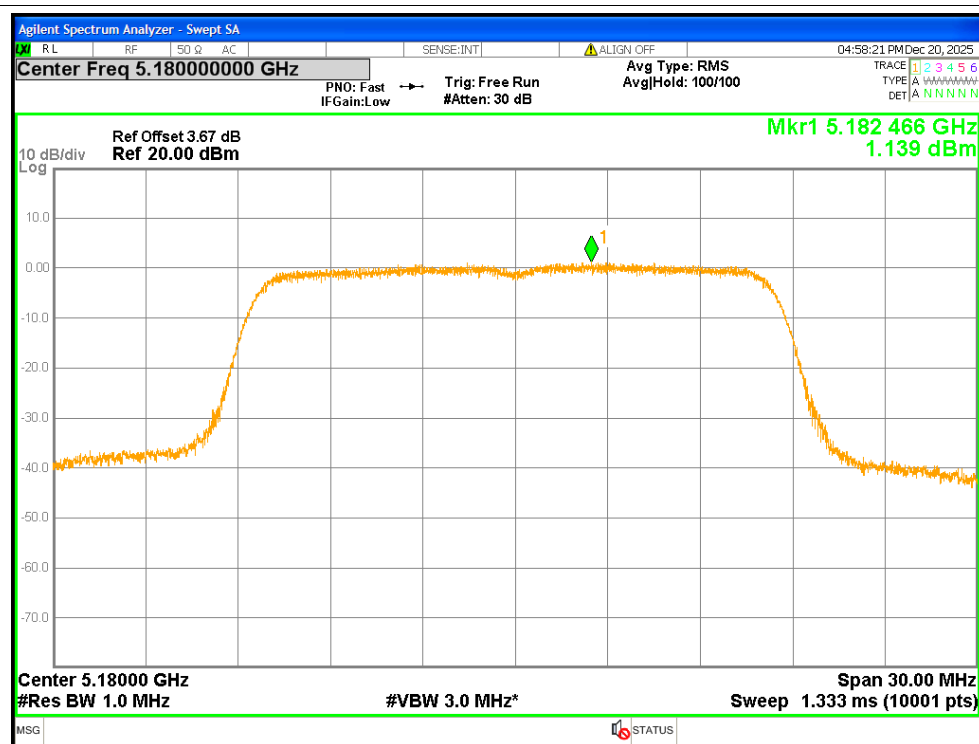
PSD NVNT a 5200MHz Ant1



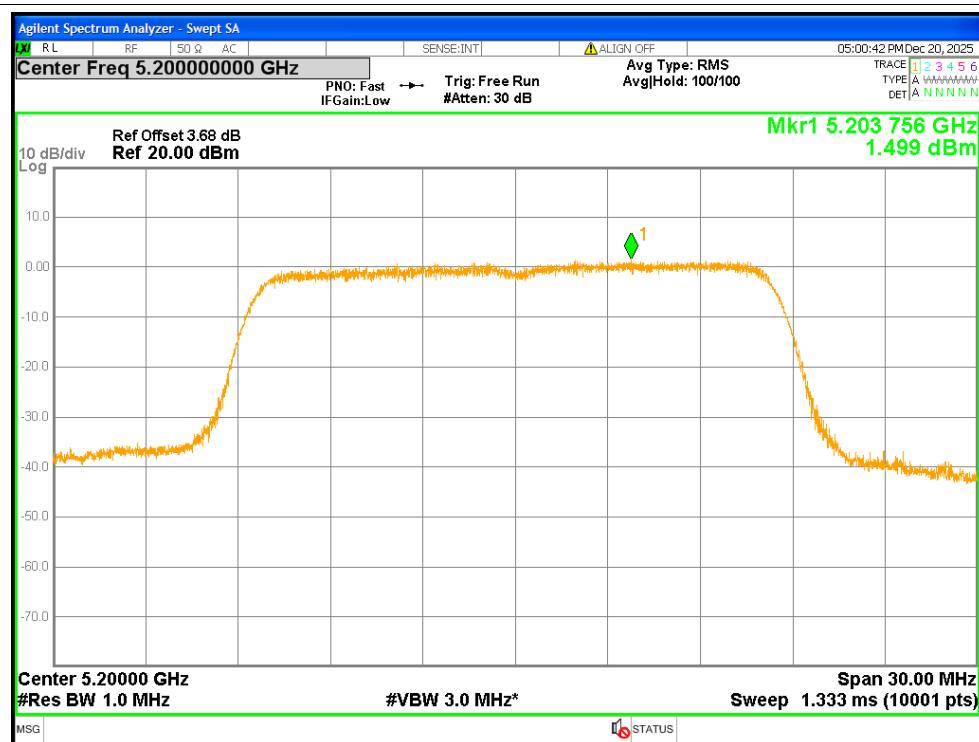
PSD NVNT a 5240MHz Ant1



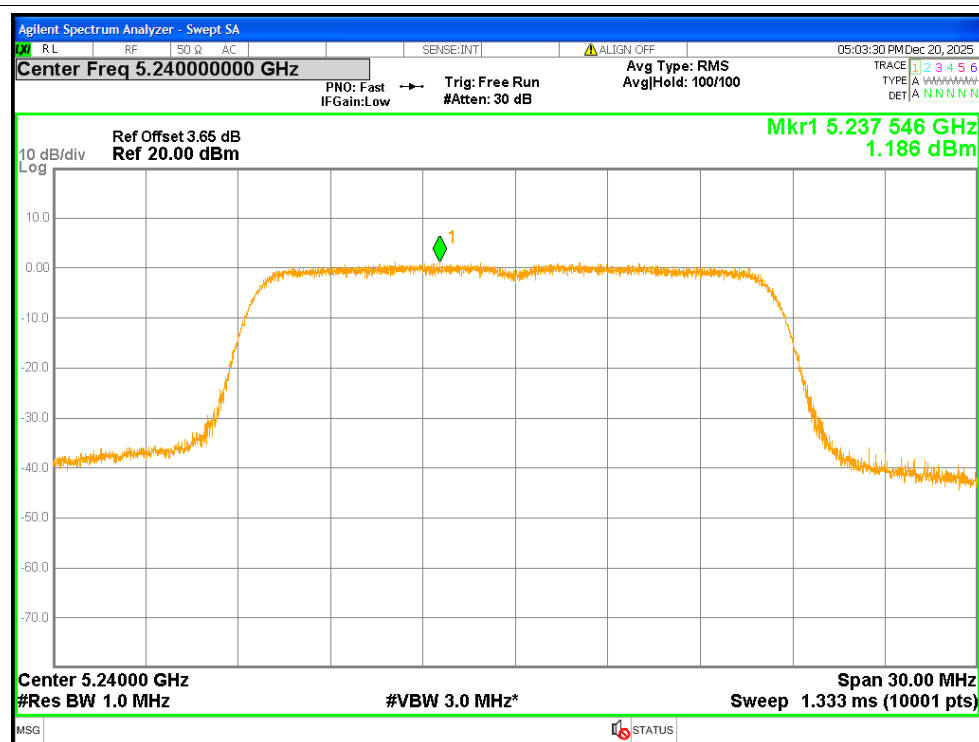
PSD NVNT a 5180MHz Ant2



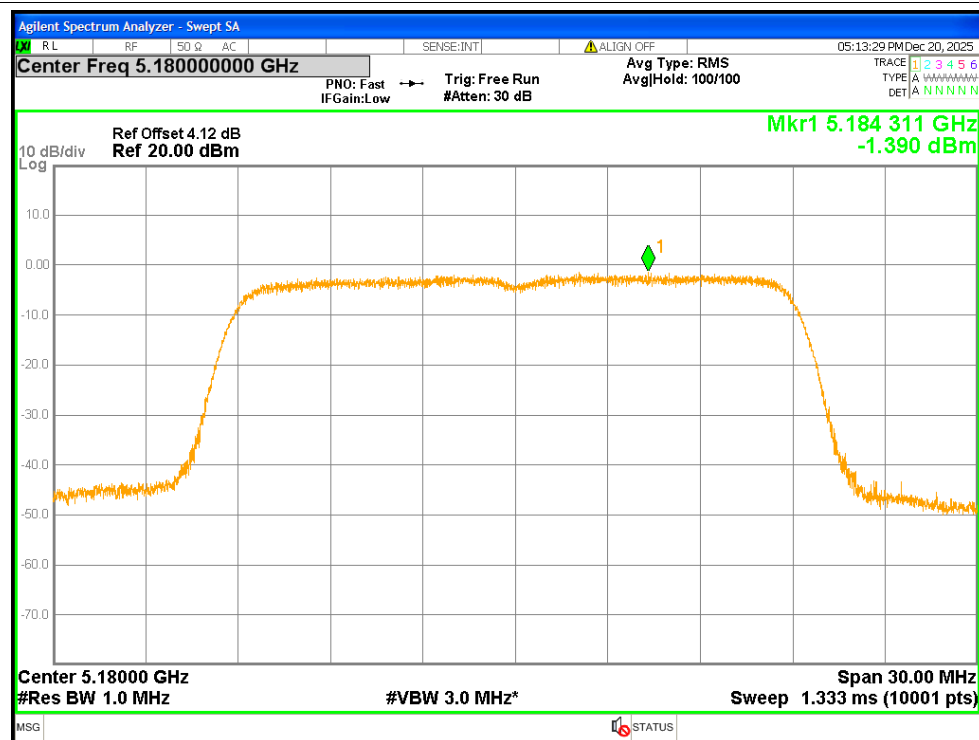
PSD NVNT a 5200MHz Ant2



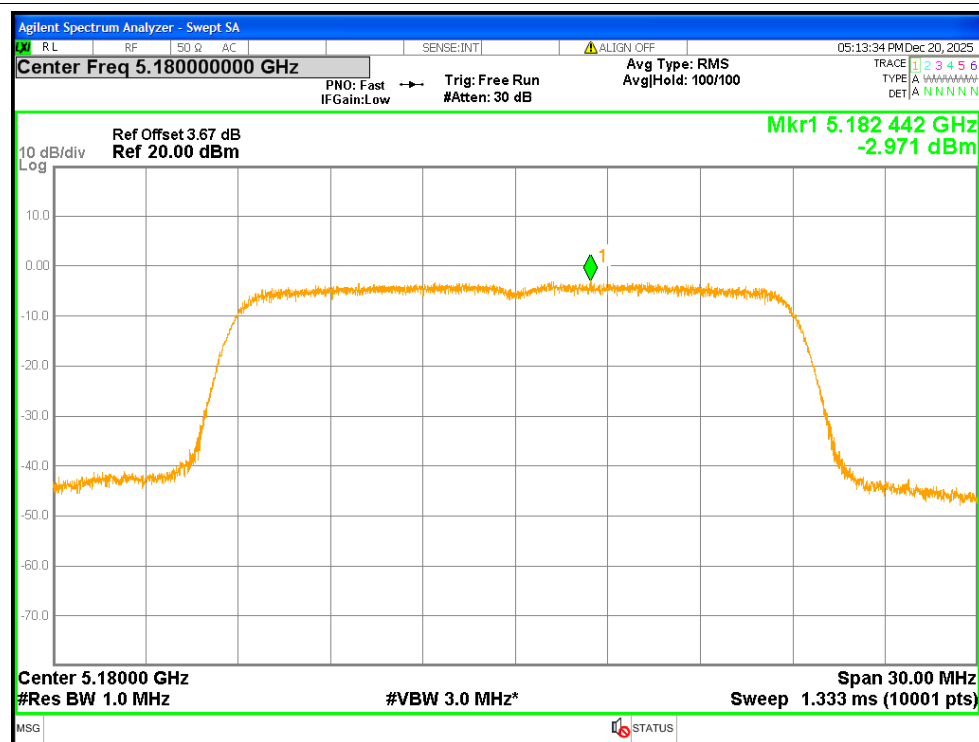
PSD NVNT a 5240MHz Ant2



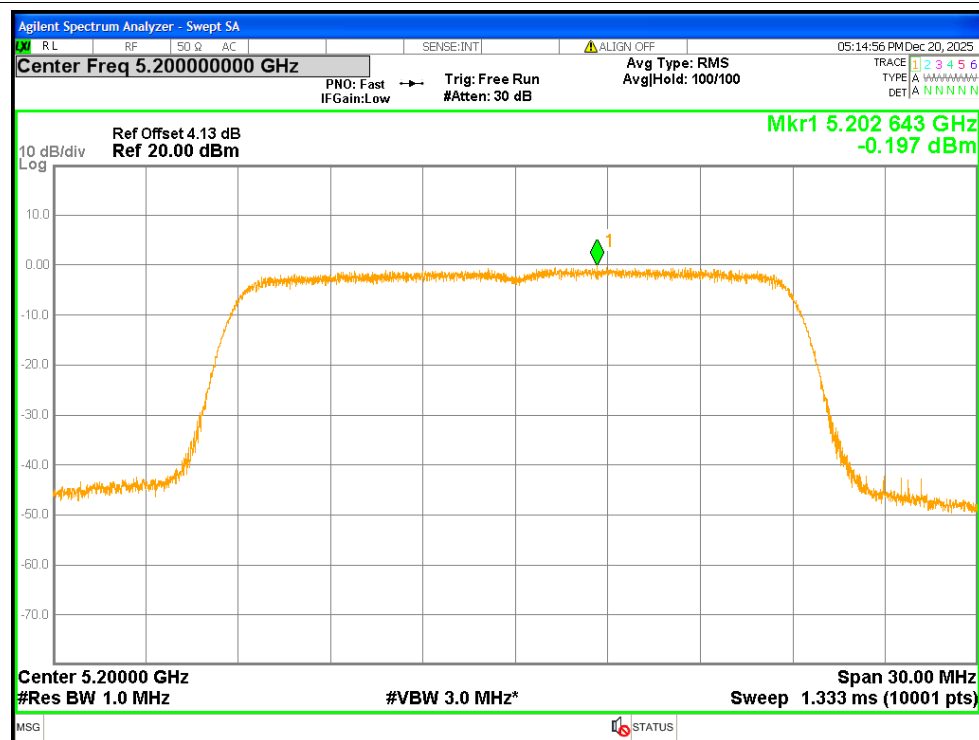
PSD NVNT n20 5180MHz Ant1



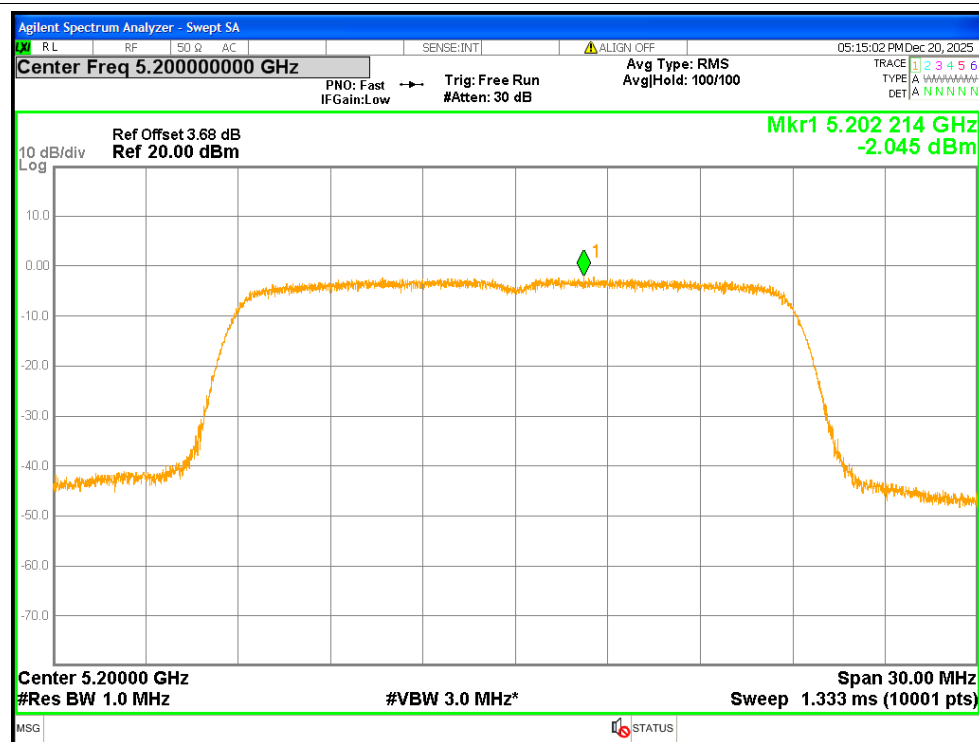
PSD NVNT n20 5180MHz Ant2



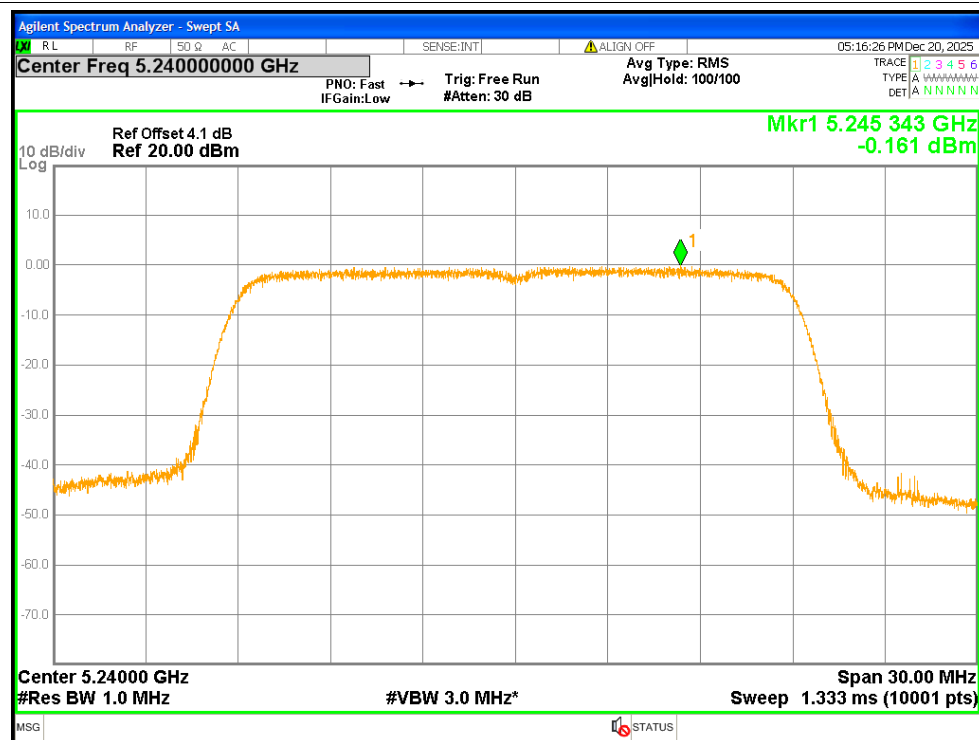
PSD NVNT n20 5200MHz Ant1



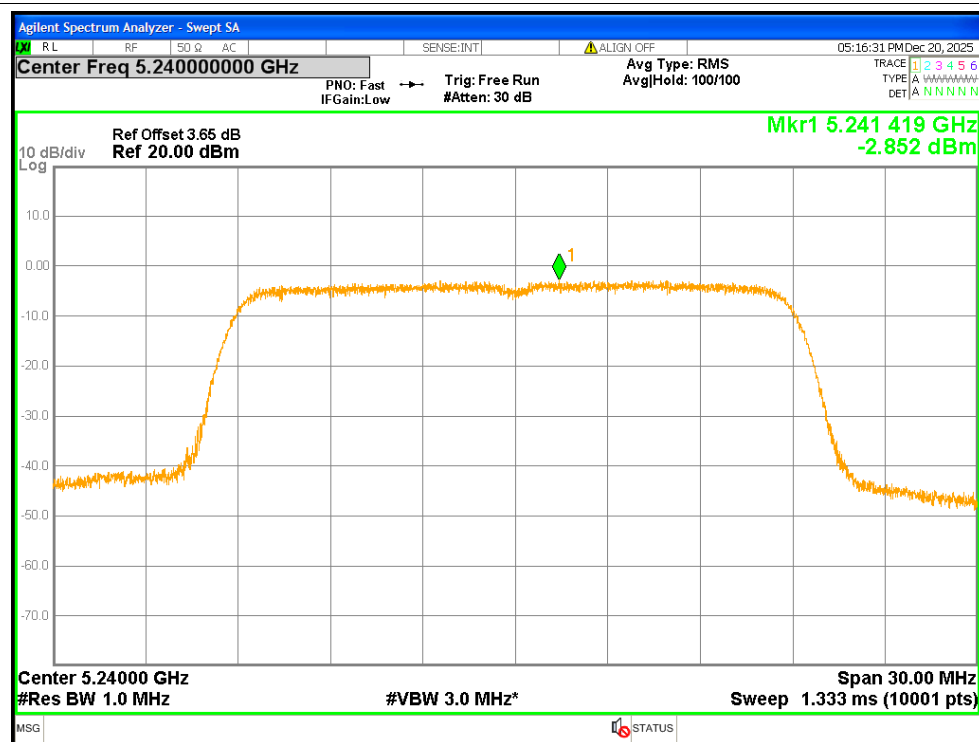
PSD NVNT n20 5200MHz Ant2



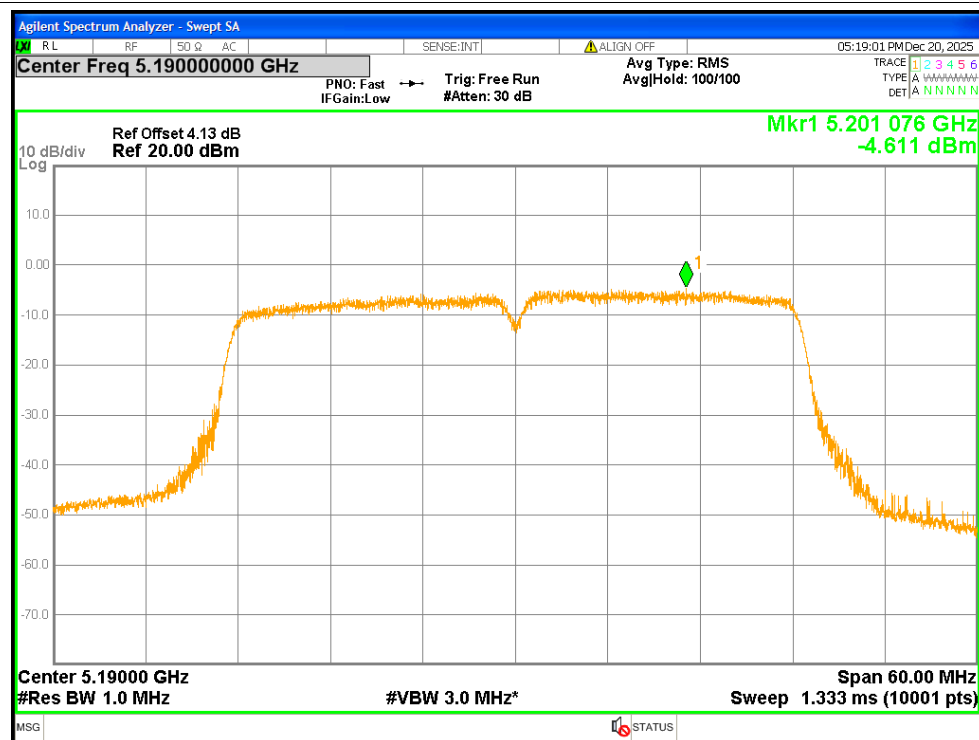
PSD NVNT n20 5240MHz Ant1



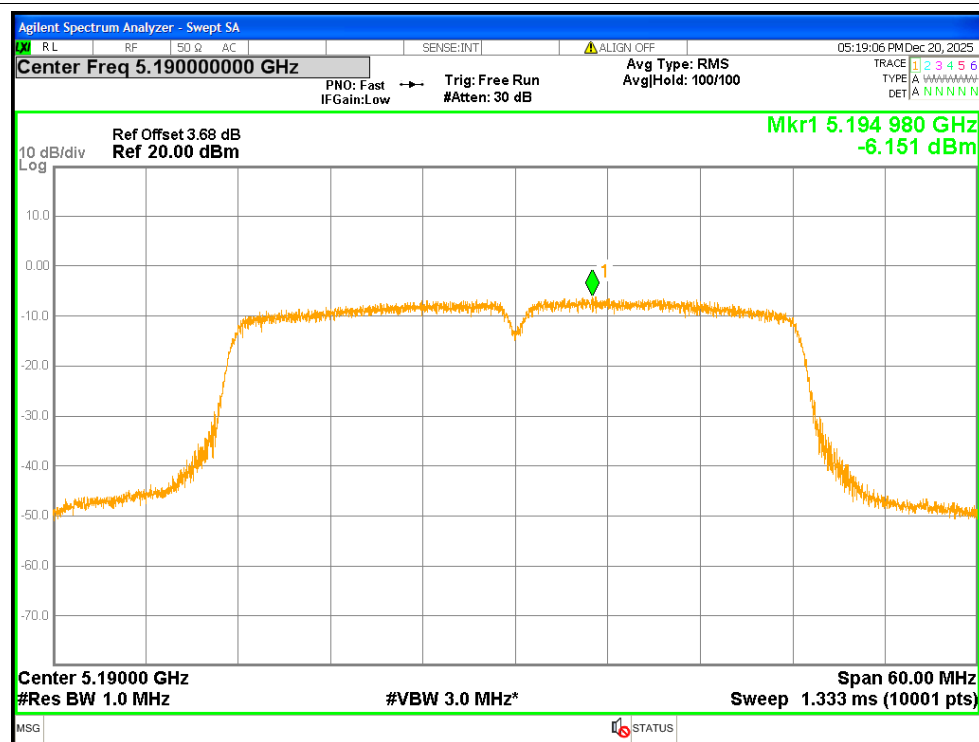
PSD NVNT n20 5240MHz Ant2



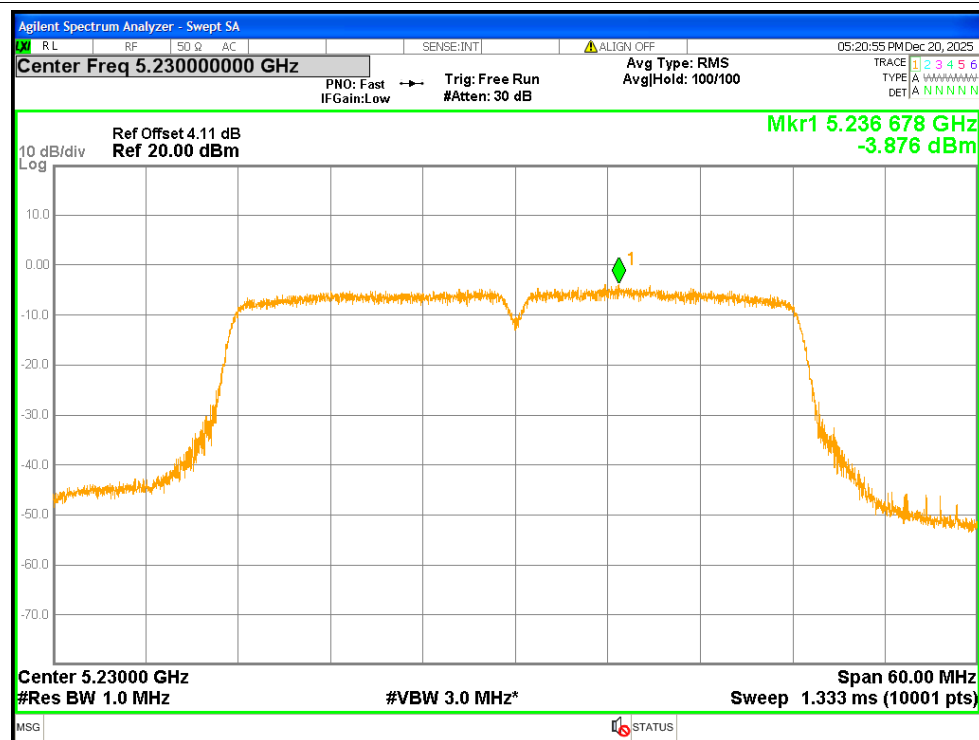
PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5230MHz Ant2

