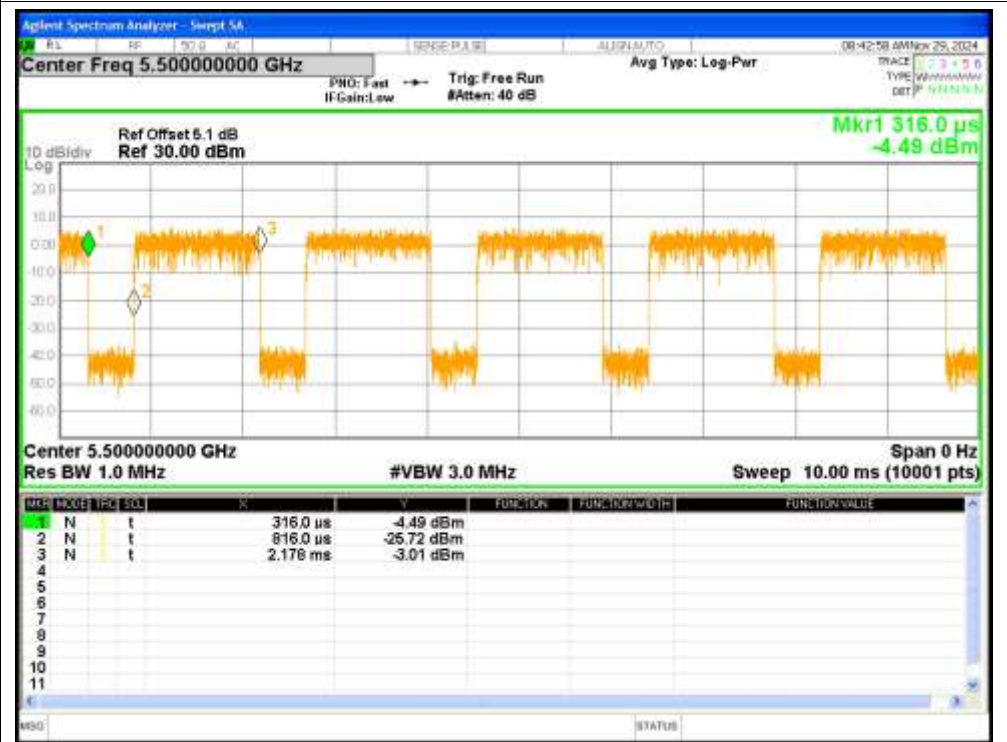


1. Duty Cycle

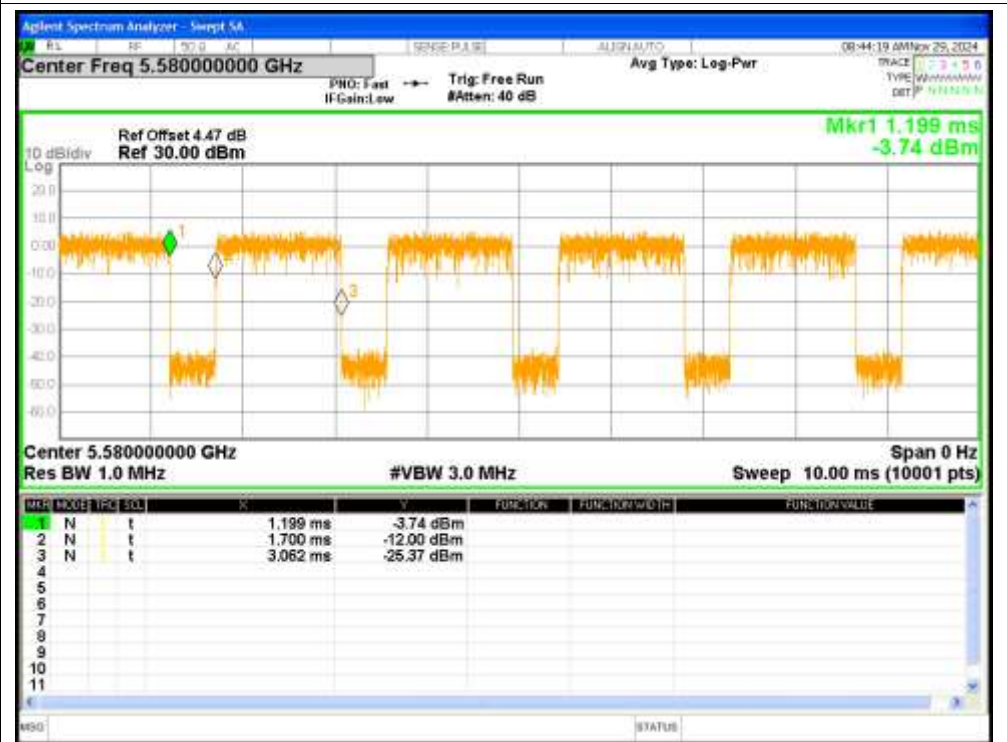
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	73.15	1.36	0.73
NVNT	a	5580	Ant1	73.11	1.36	0.73
NVNT	a	5700	Ant1	73.15	1.36	0.73
NVNT	a	5500	Ant2	73.15	1.36	0.73
NVNT	a	5580	Ant2	73.15	1.36	0.73
NVNT	a	5700	Ant2	73.15	1.36	0.73
NVNT	n20	5500	Sum	71.82	1.44	0.78
NVNT	n20	5580	Sum	71.73	1.44	0.78
NVNT	n20	5700	Sum	71.82	1.44	0.78
NVNT	n40	5510	Sum	55.91	2.53	1.58
NVNT	n40	5550	Sum	55.91	2.53	1.58
NVNT	n40	5670	Sum	55.91	2.53	1.58

Test Graphs

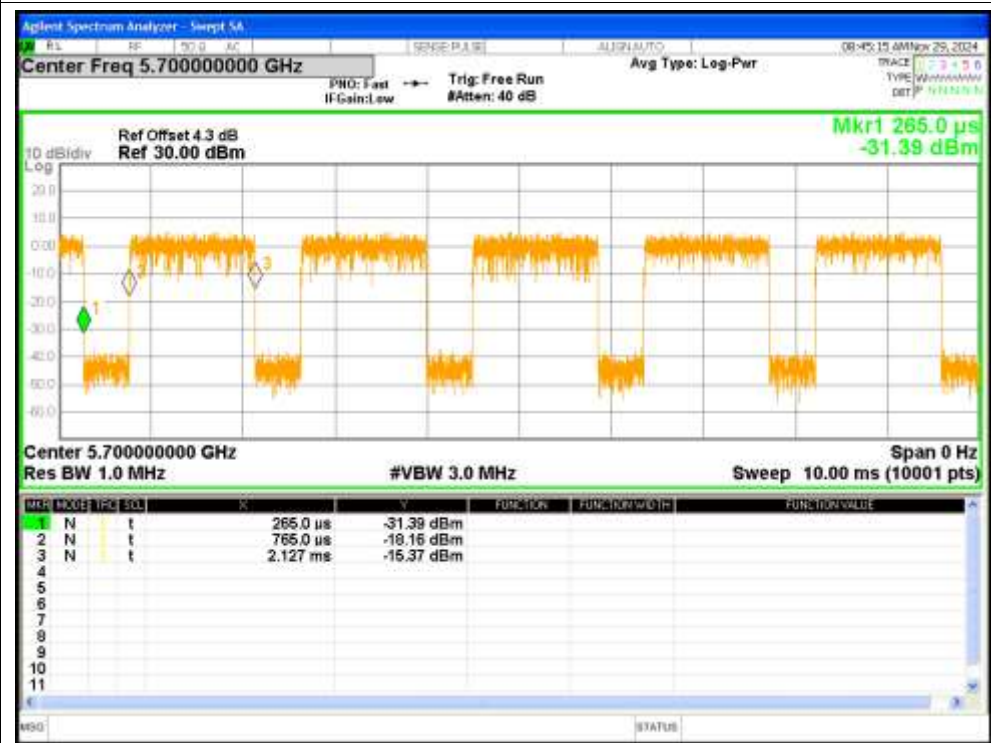
Duty Cycle NVNT a 5500MHz Ant1	
1	0.000000
2	0.000000
3	0.000000
4	0.000000
5	0.000000
6	0.000000
7	0.000000
8	0.000000
9	0.000000
10	0.000000
11	0.000000
12	0.000000
13	0.000000
14	0.000000
15	0.000000
16	0.000000
17	0.000000
18	0.000000
19	0.000000
20	0.000000
21	0.000000
22	0.000000
23	0.000000
24	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



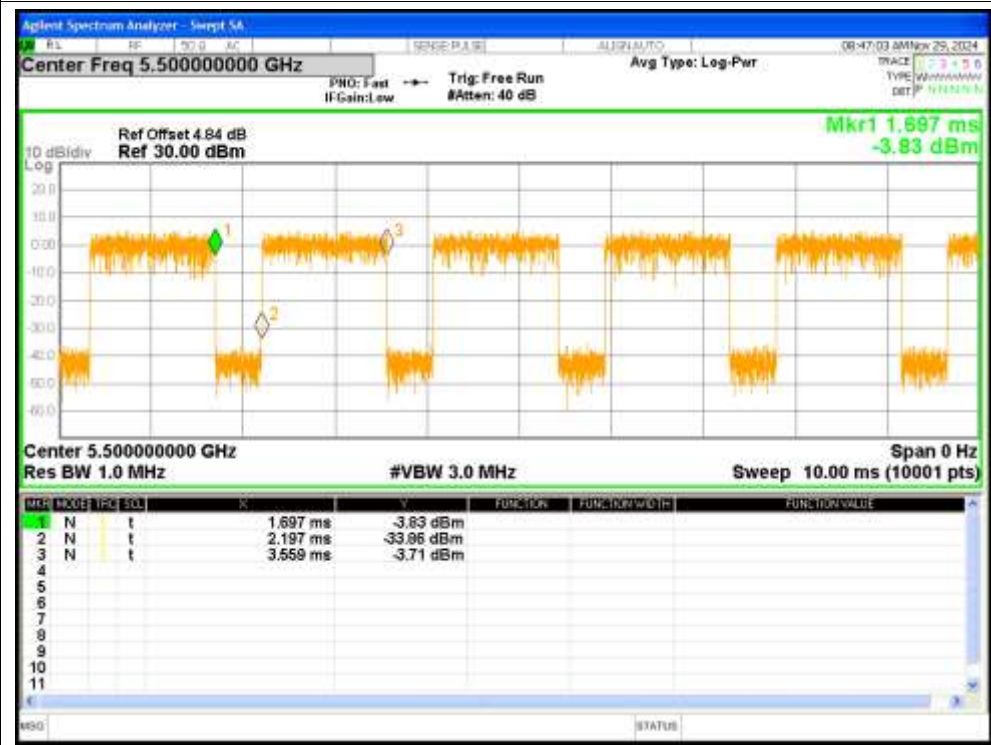
Duty Cycle NVNT a 5580MHz Ant1	
1	0.000000
2	0.000000
3	0.000000
4	0.000000
5	0.000000
6	0.000000
7	0.000000
8	0.000000
9	0.000000
10	0.000000
11	0.000000
12	0.000000
13	0.000000
14	0.000000
15	0.000000
16	0.000000
17	0.000000
18	0.000000
19	0.000000
20	0.000000
21	0.000000
22	0.000000
23	0.000000
24	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
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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 5700MHz Ant1



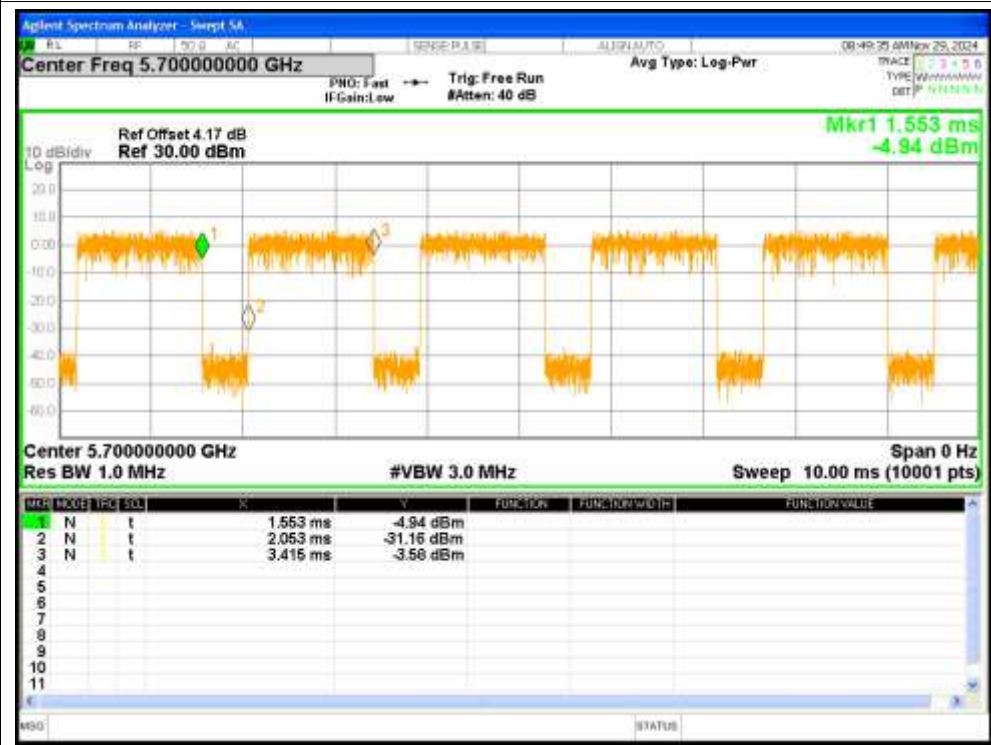
Duty Cycle NVNT a 5500MHz Ant2



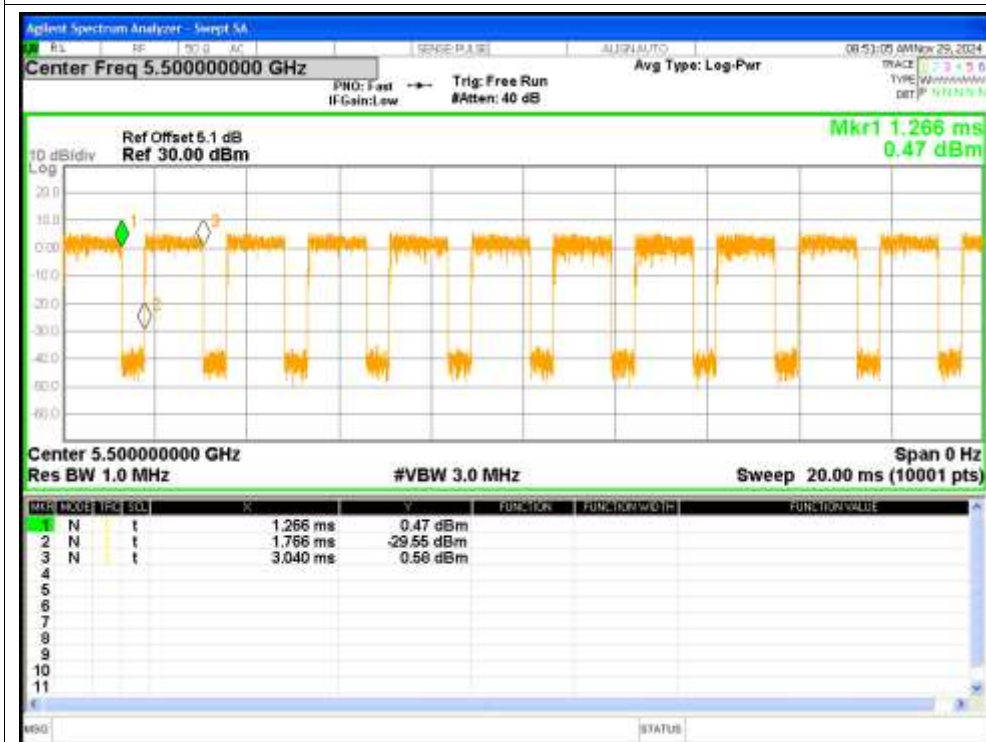
Duty Cycle NVNT a 5580MHz Ant2



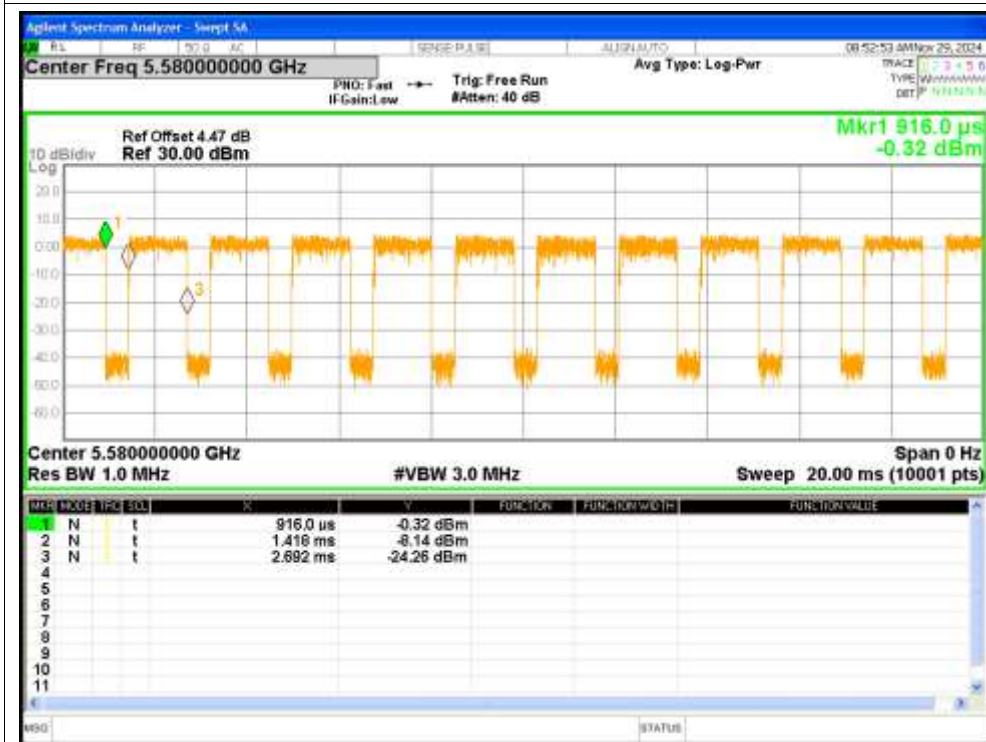
Duty Cycle NVNT a 5700MHz Ant2



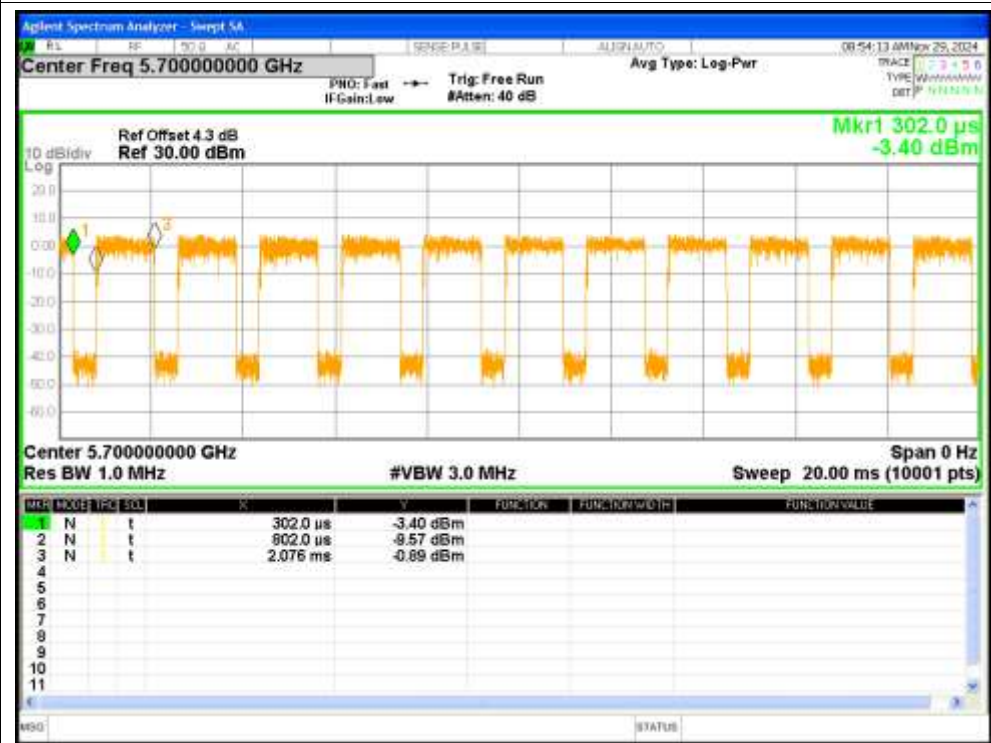
Duty Cycle NVNT n20 5500MHz Sum



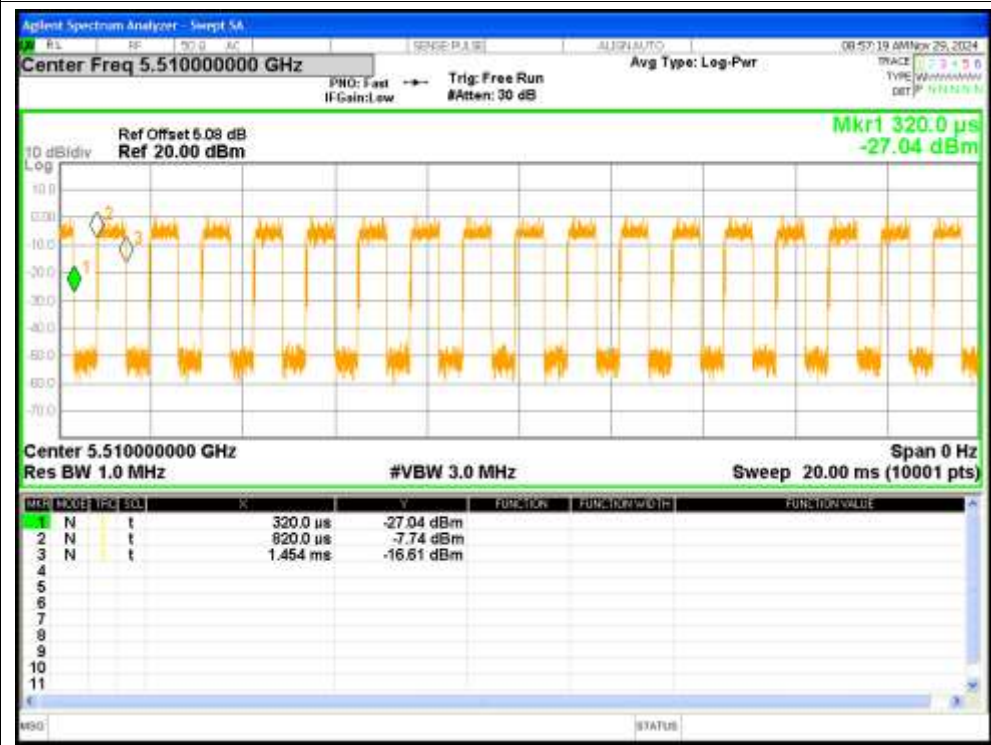
Duty Cycle NVNT n20 5580MHz Sum



Duty Cycle NVNT n20 5700MHz Sum



Duty Cycle NVNT n40 5510MHz Sum



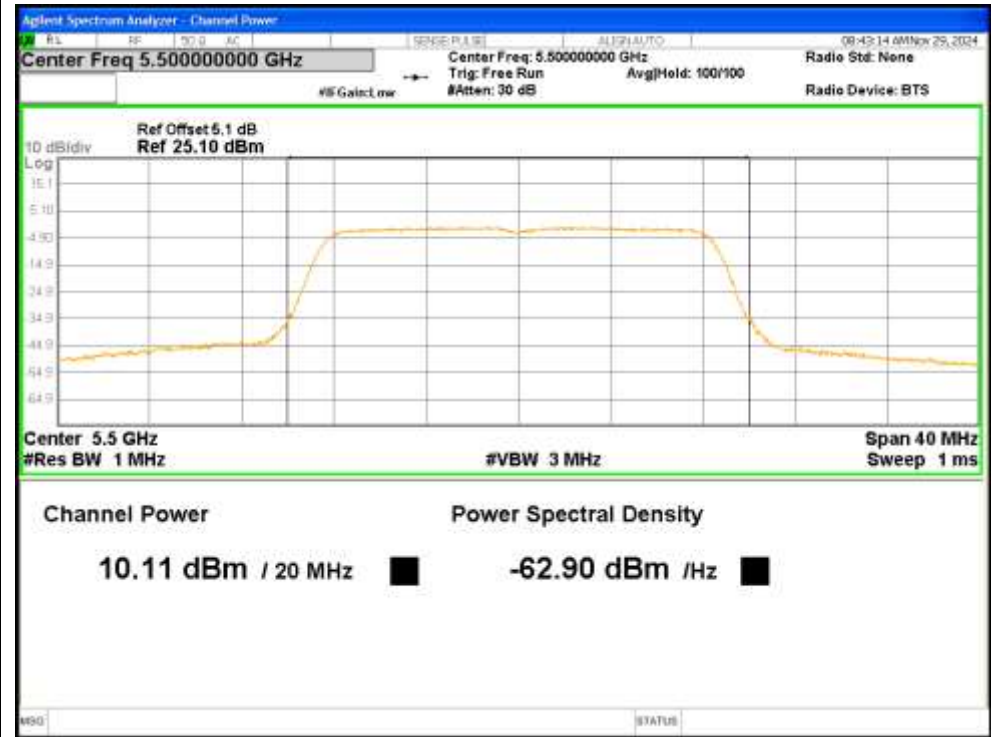
Duty Cycle	NVNT	n40	5550MHz	Sum
0.00				
0.05				
0.10				
0.15				
0.20				
0.25				
0.30				
0.35				
0.40				
0.45				
0.50				
0.55				
0.60				
0.65				
0.70				
0.75				
0.80				
0.85				
0.90				
0.95				
1.00				

2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	10.11	1.36	11.47	<=23.71	Pass
NVNT	a	5580	Ant1	9.76	1.36	11.12	<=23.73	Pass
NVNT	a	5700	Ant1	9.14	1.36	10.5	<=23.71	Pass
NVNT	a	5500	Ant2	9.37	1.36	10.73	<=23.7	Pass
NVNT	a	5580	Ant2	11.11	1.36	12.47	<=23.7	Pass
NVNT	a	5700	Ant2	9.55	1.36	10.91	<=23.73	Pass
NVNT	n20	5500	Ant1	9.43	1.44	10.87	<=23.92	Pass
NVNT	n20	5500	Ant2	8.69	1.44	10.13	<=23.92	Pass
NVNT	n20	5500	Sum	12.09	1.44	13.53	<=23.88	Pass
NVNT	n20	5580	Ant1	8.96	1.44	10.4	<=23.92	Pass
NVNT	n20	5580	Ant2	10.04	1.44	11.48	<=23.92	Pass
NVNT	n20	5580	Sum	12.54	1.44	13.98	<=23.88	Pass
NVNT	n20	5700	Ant1	8.52	1.44	9.96	<=23.95	Pass
NVNT	n20	5700	Ant2	8.66	1.44	10.1	<=23.95	Pass
NVNT	n20	5700	Sum	11.6	1.44	13.04	<=23.91	Pass
NVNT	n40	5510	Ant1	7.98	2.53	10.51	<=24	Pass
NVNT	n40	5510	Ant2	7.49	2.53	10.02	<=24	Pass
NVNT	n40	5510	Sum	10.75	2.53	13.28	<=23.96	Pass
NVNT	n40	5550	Ant1	9.56	2.53	12.09	<=24	Pass
NVNT	n40	5550	Ant2	9.13	2.53	11.66	<=24	Pass
NVNT	n40	5550	Sum	12.36	2.53	14.89	<=23.96	Pass
NVNT	n40	5670	Ant1	7.36	2.53	9.89	<=24	Pass
NVNT	n40	5670	Ant2	8.69	2.53	11.22	<=24	Pass
NVNT	n40	5670	Sum	11.09	2.53	13.62	<=23.96	Pass

Test Graphs

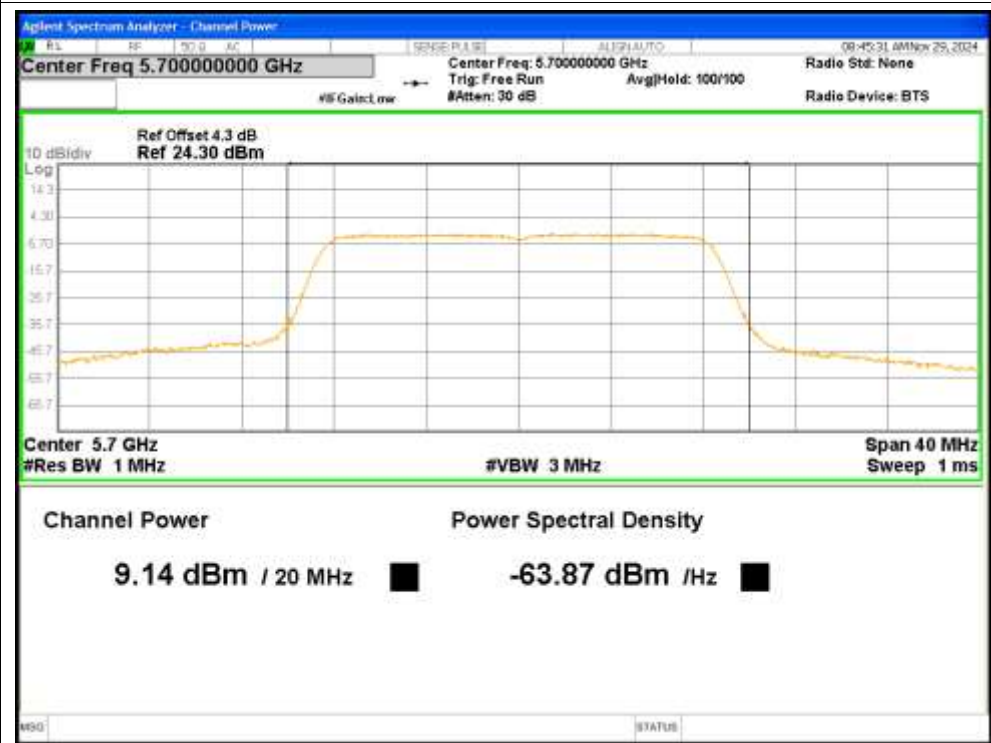
Power NVNT a 5500MHz Ant1



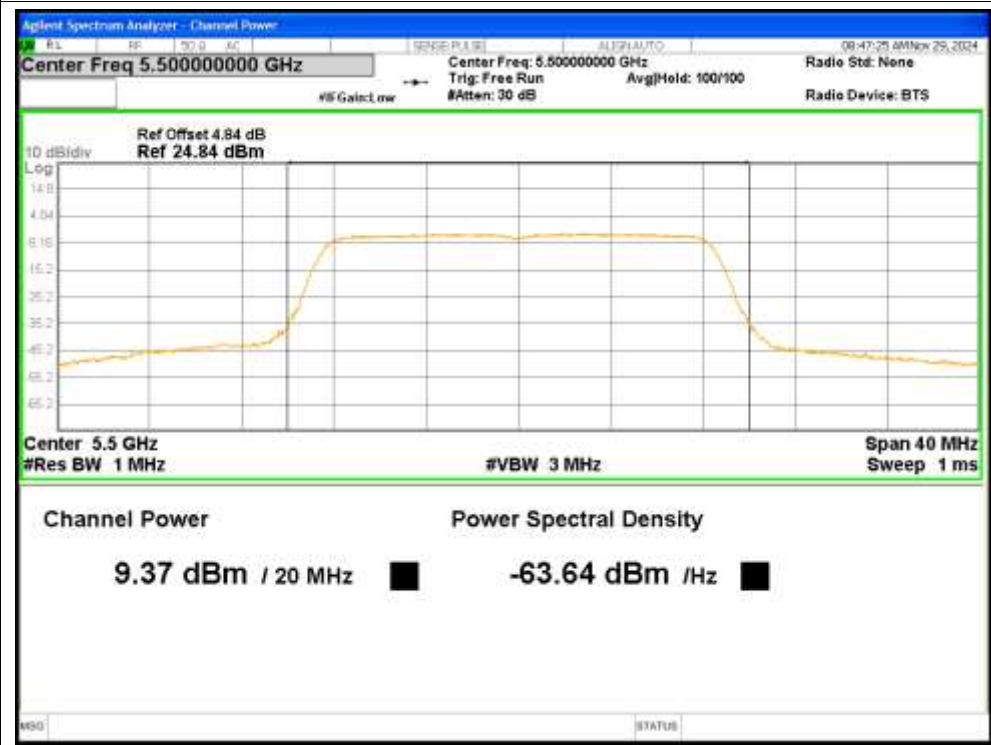
Power NVNT a 5580MHz Ant1



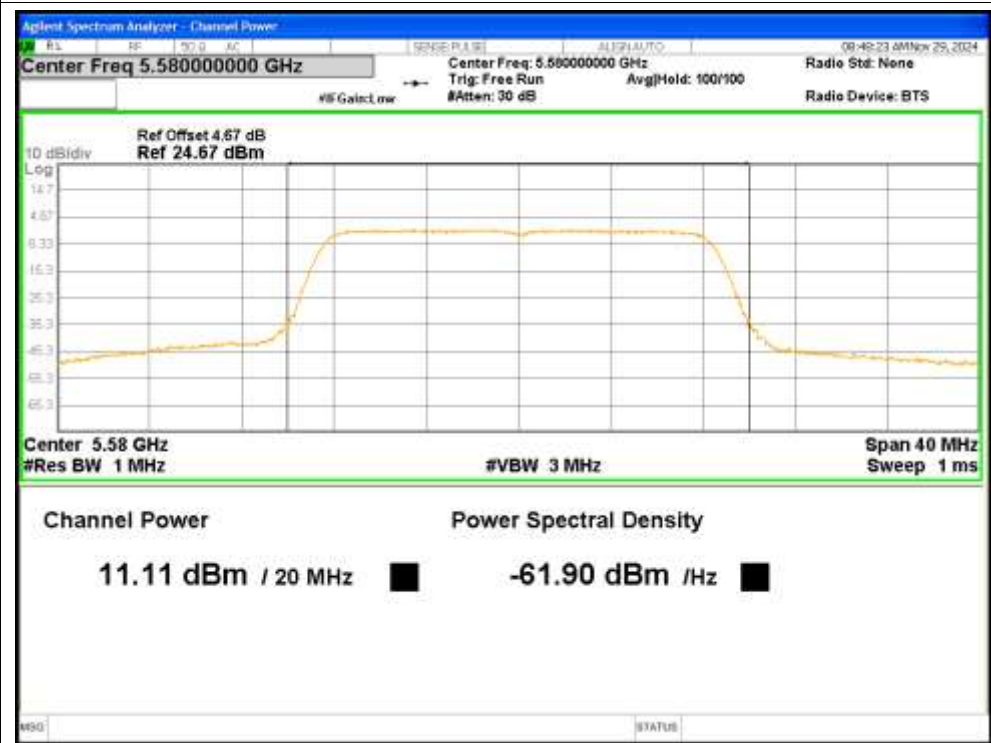
Power NVNT a 5700MHz Ant1



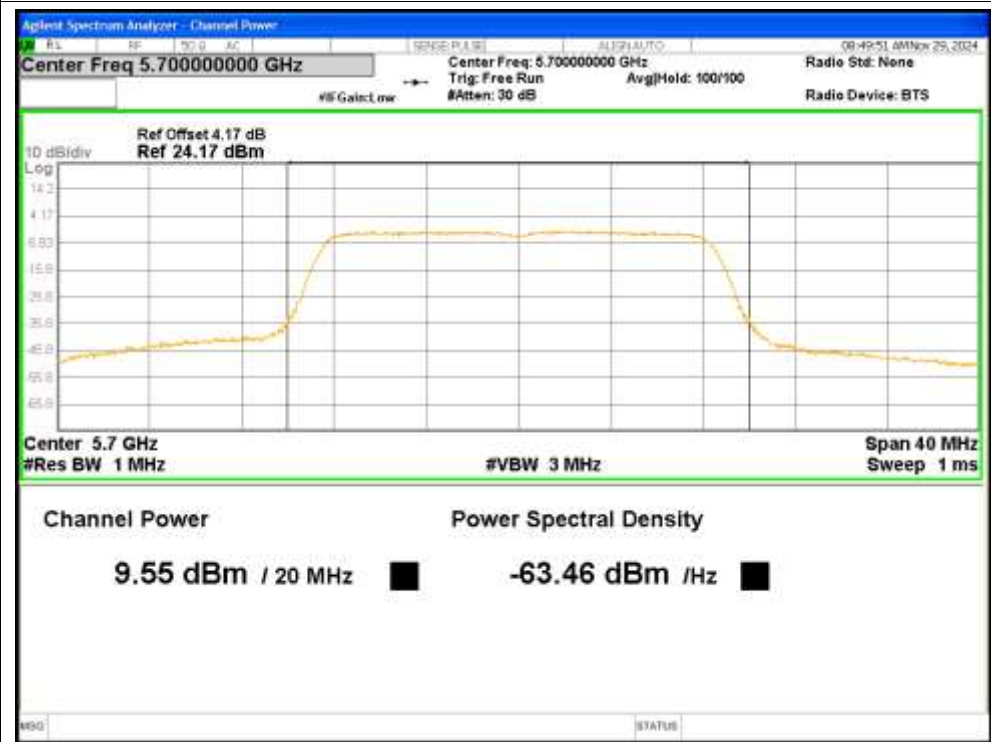
Power NVNT a 5500MHz Ant2



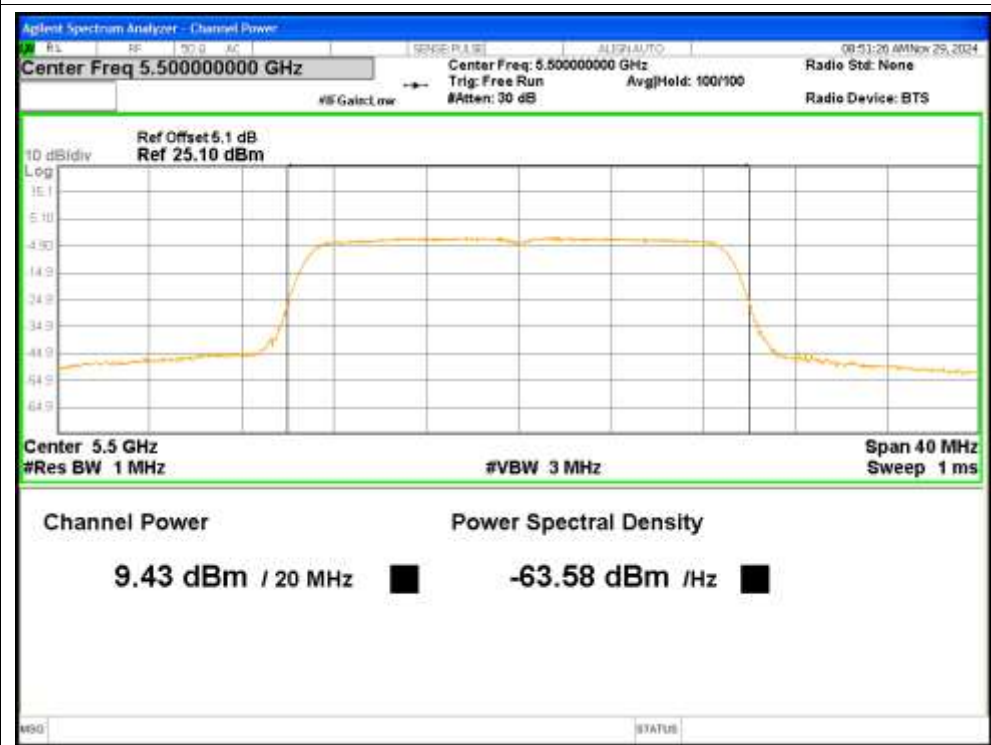
Power NVNT a 5580MHz Ant2



Power NVNT a 5700MHz Ant2



Power NVNT n20 5500MHz Ant1



Power NVNT n20 5500MHz Ant2



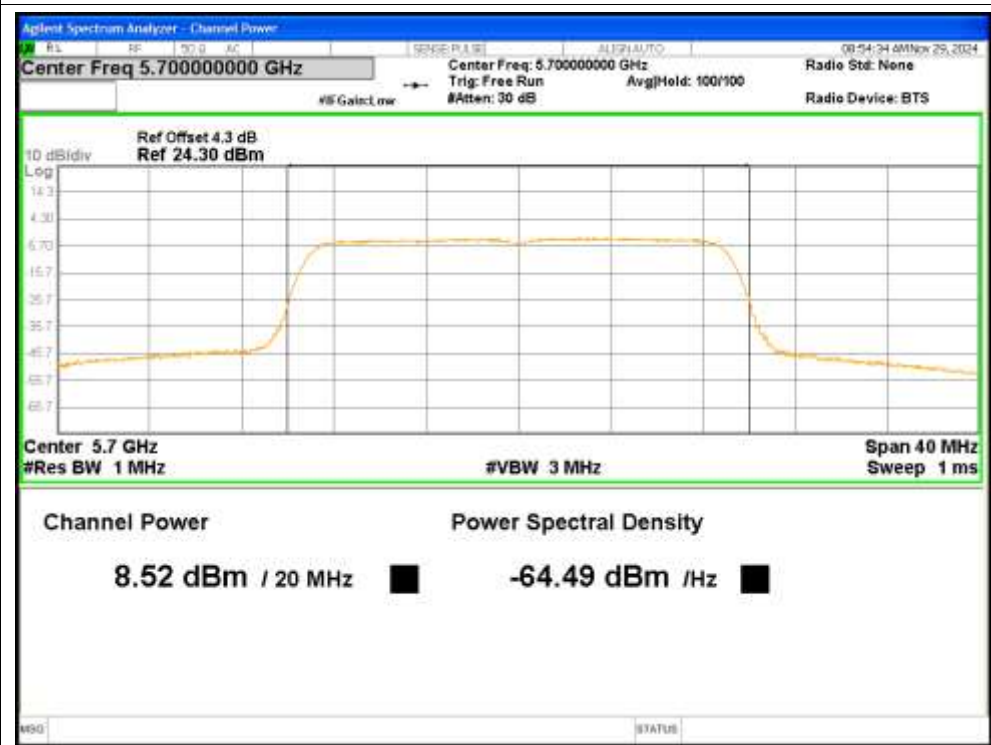
Power NVNT n20 5580MHz Ant1



Power NVNT n20 5580MHz Ant2



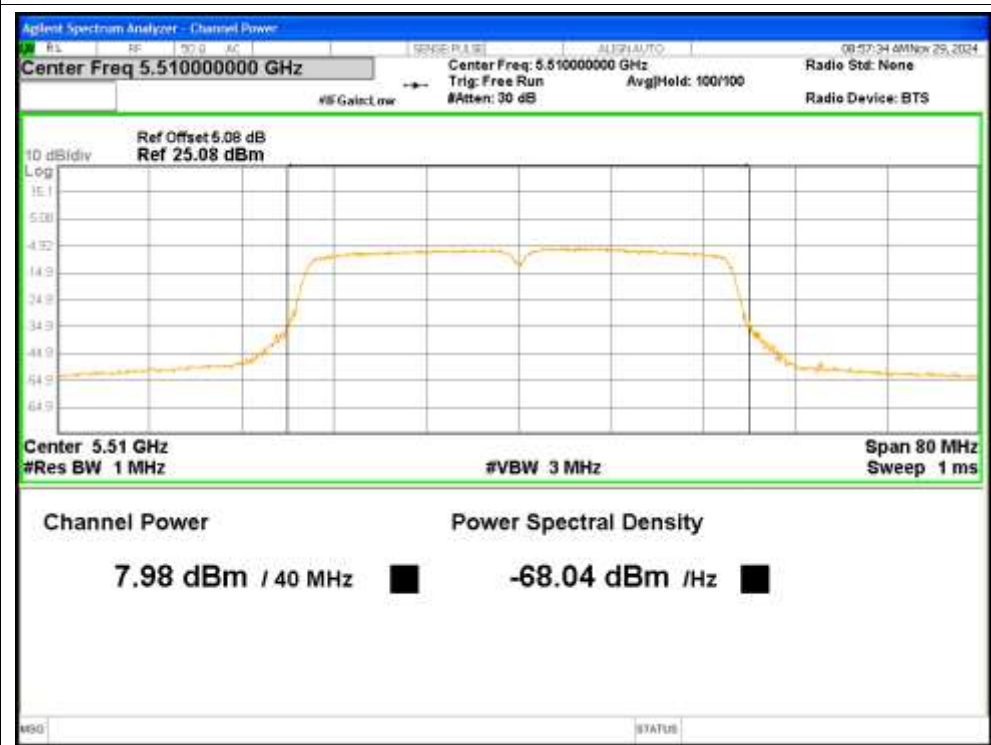
Power NVNT n20 5700MHz Ant1



Power NVNT n20 5700MHz Ant2



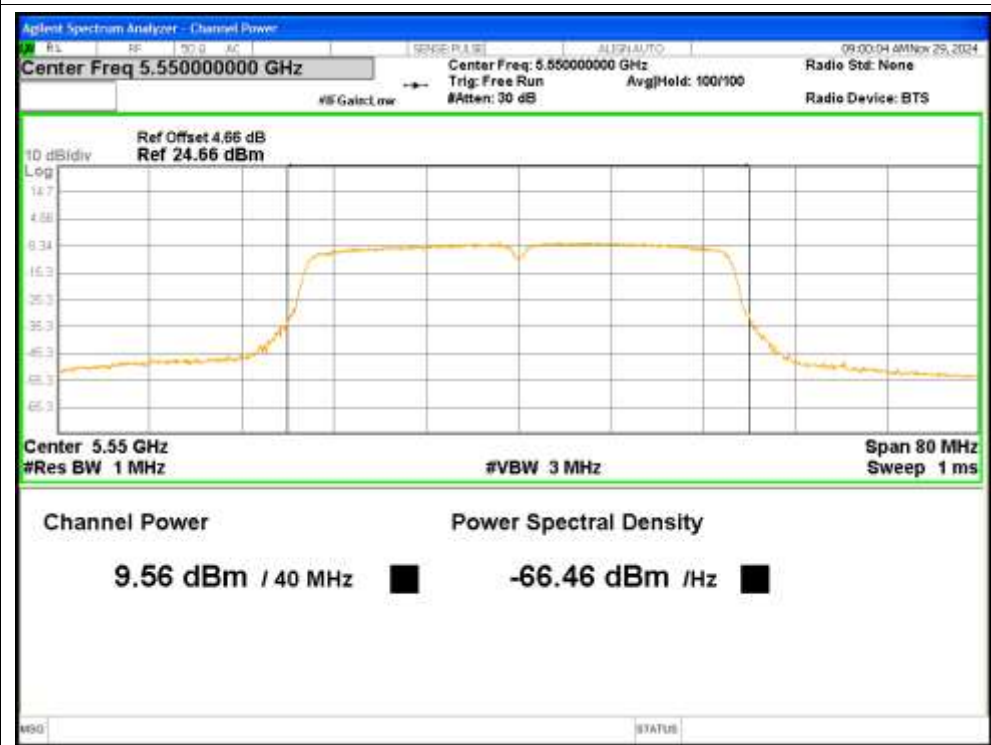
Power NVNT n40 5510MHz Ant1



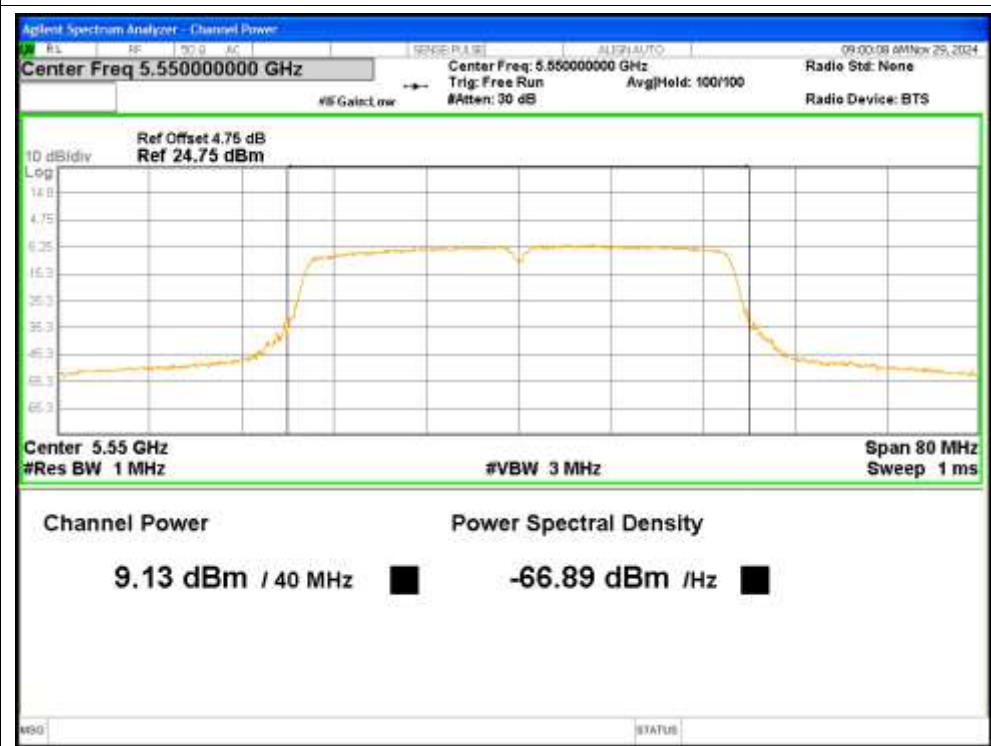
Power NVNT n40 5510MHz Ant2



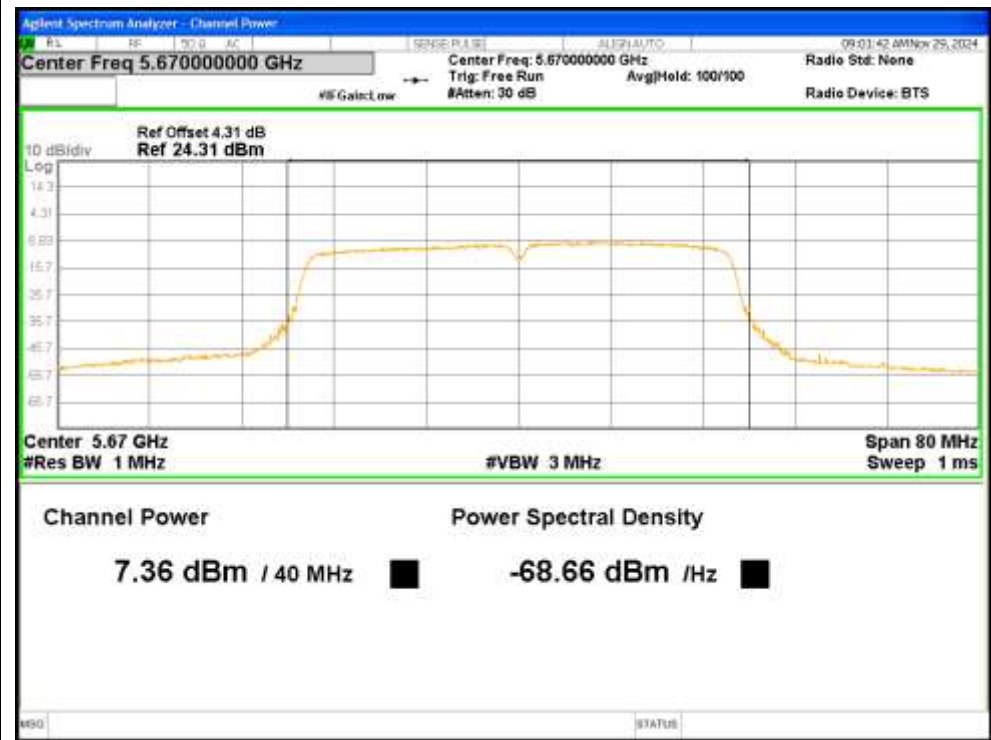
Power NVNT n40 5550MHz Ant1



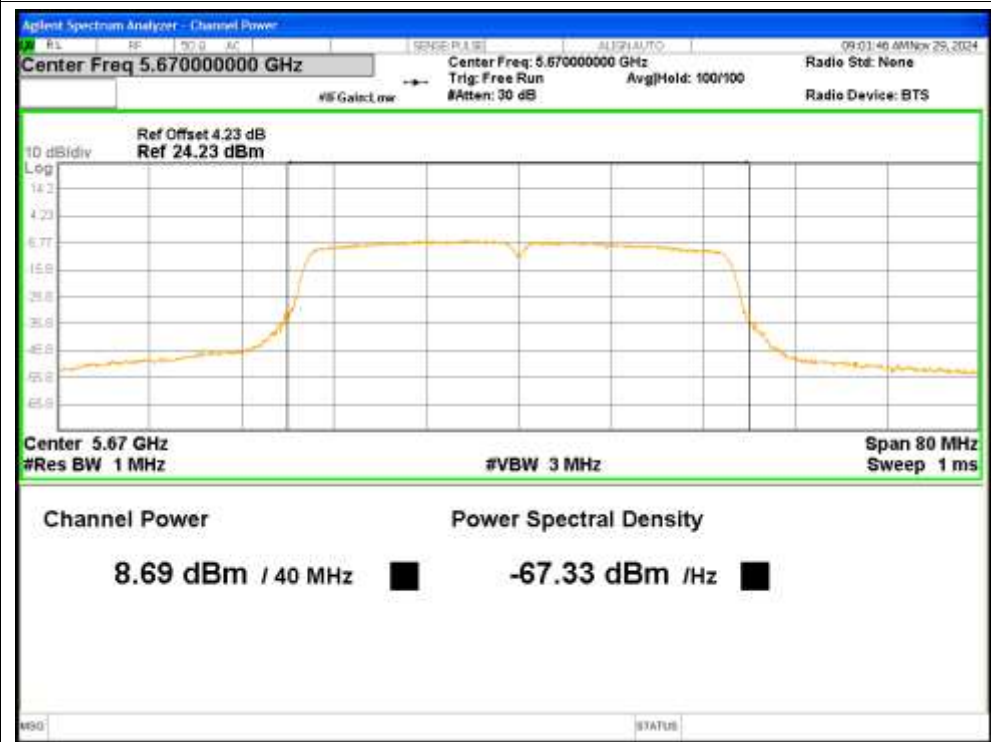
Power NVNT n40 5550MHz Ant2



Power NVNT n40 5670MHz Ant1



Power NVNT n40 5670MHz Ant2

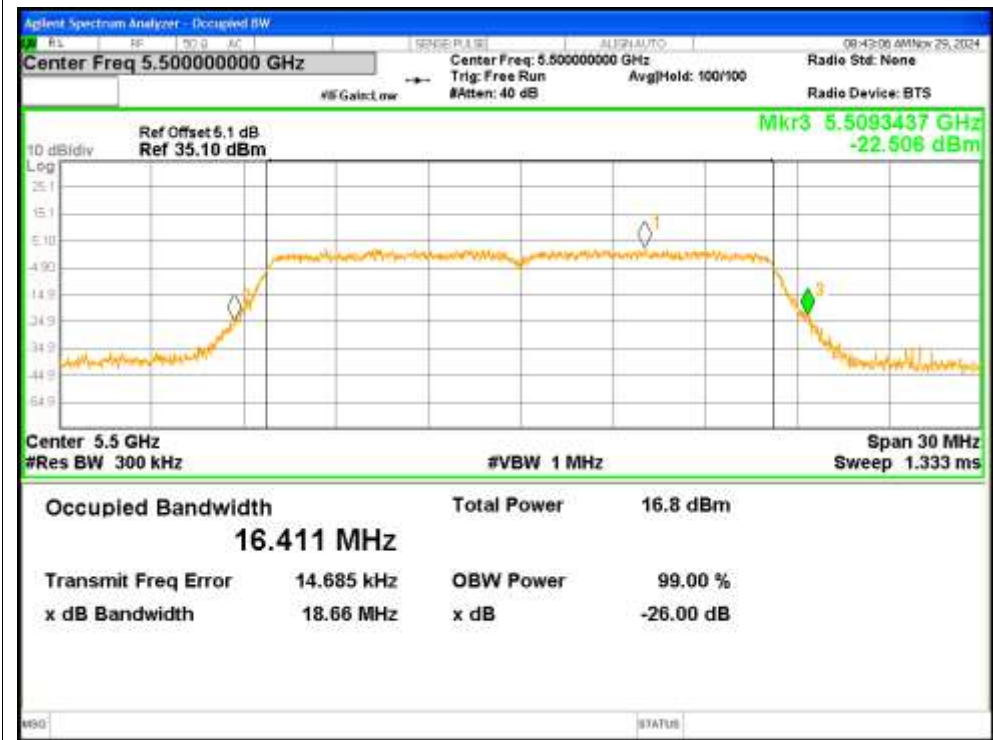


3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	18.6581	Pass
NVNT	a	5580	Ant1	18.7495	Pass
NVNT	a	5700	Ant1	18.6496	Pass
NVNT	a	5500	Ant2	18.6019	Pass
NVNT	a	5580	Ant2	18.6156	Pass
NVNT	a	5700	Ant2	18.7492	Pass
NVNT	n20	5500	Ant1	19.5559	Pass
NVNT	n20	5500	Ant2	19.5768	Pass
NVNT	n20	5580	Ant1	19.5751	Pass
NVNT	n20	5580	Ant2	19.5527	Pass
NVNT	n20	5700	Ant1	19.4965	Pass
NVNT	n20	5700	Ant2	19.7021	Pass
NVNT	n40	5510	Ant1	40.8283	Pass
NVNT	n40	5510	Ant2	40.399	Pass
NVNT	n40	5550	Ant1	40.4462	Pass
NVNT	n40	5550	Ant2	40.3821	Pass
NVNT	n40	5670	Ant1	40.3983	Pass
NVNT	n40	5670	Ant2	40.4409	Pass

Test Graphs

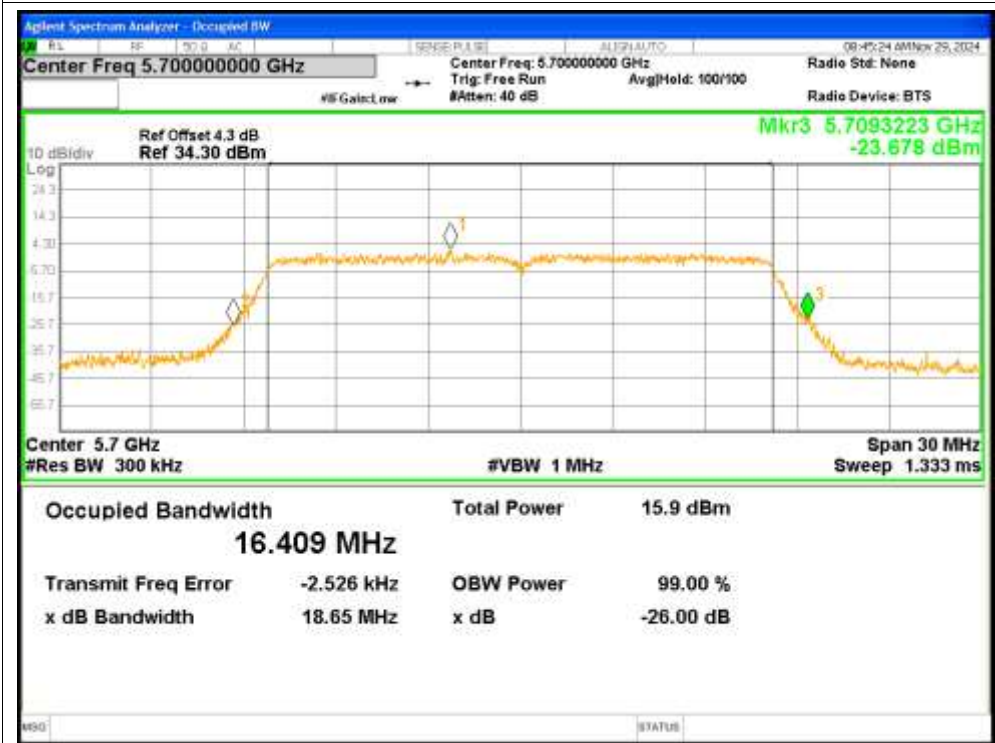
-26dB Bandwidth NVNT a 5500MHz Ant1



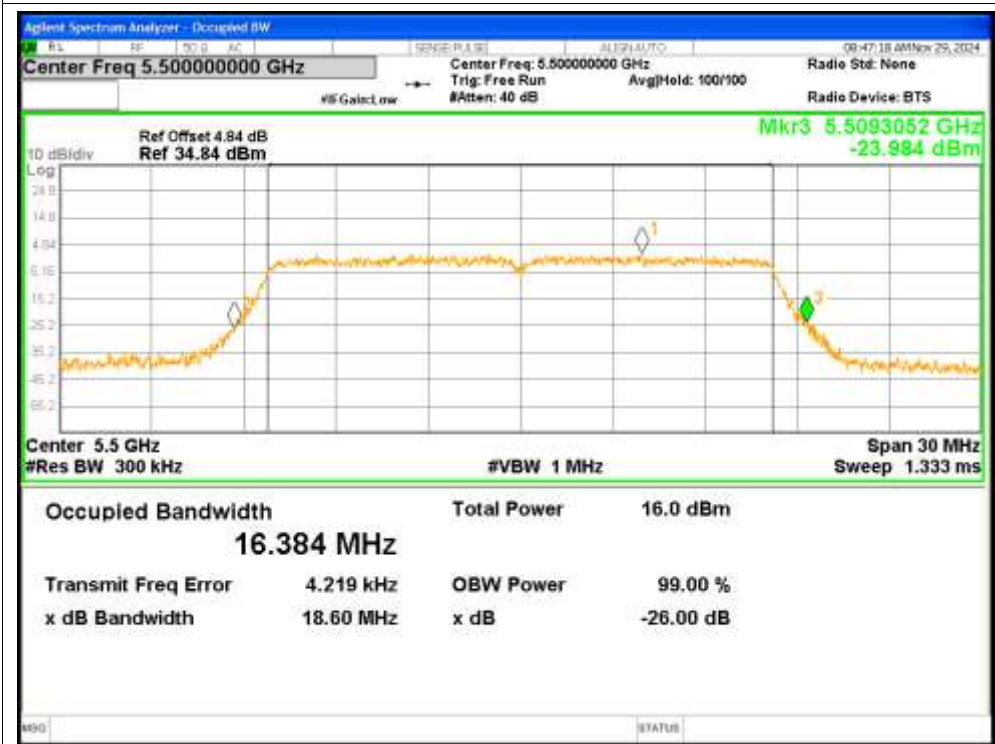
-26dB Bandwidth NVNT a 5580MHz Ant1



-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT a 5500MHz Ant2



-26dB Bandwidth NVNT a 5580MHz Ant2



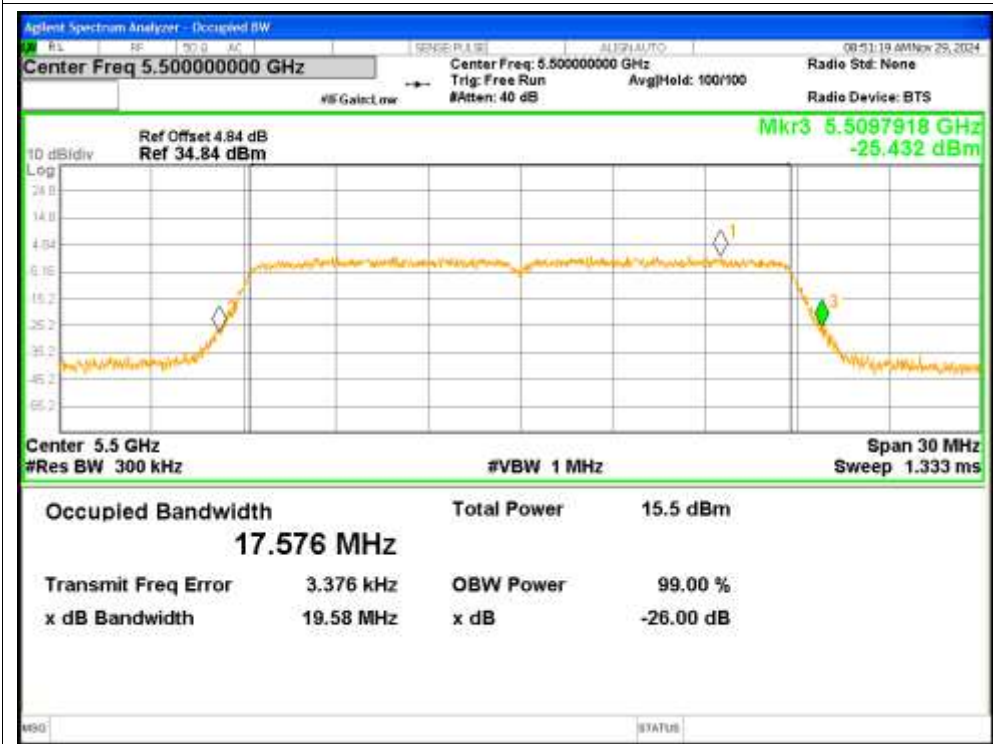
-26dB Bandwidth NVNT a 5700MHz Ant2



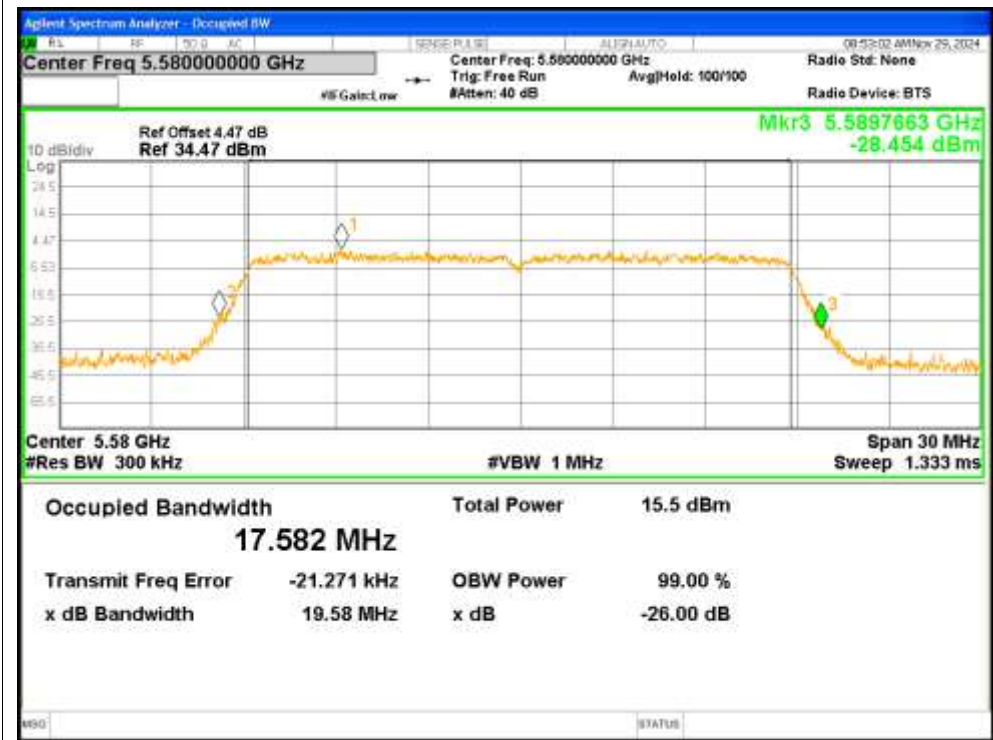
-26dB Bandwidth NVNT n20 5500MHz Ant1



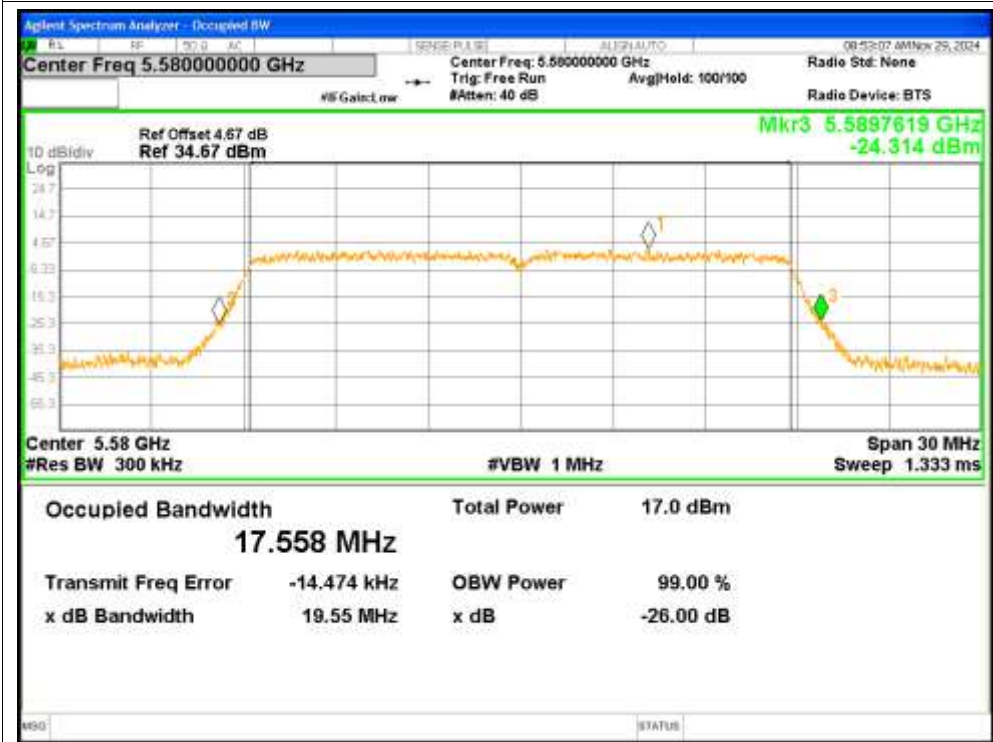
-26dB Bandwidth NVNT n20 5500MHz Ant2



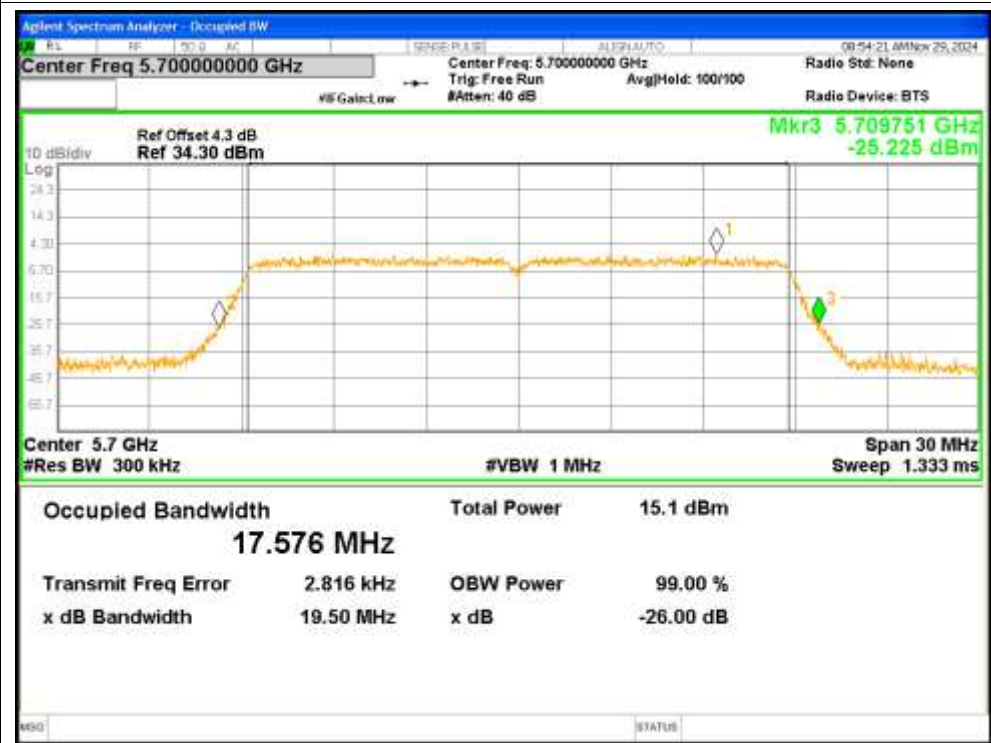
-26dB Bandwidth NVNT n20 5580MHz Ant1



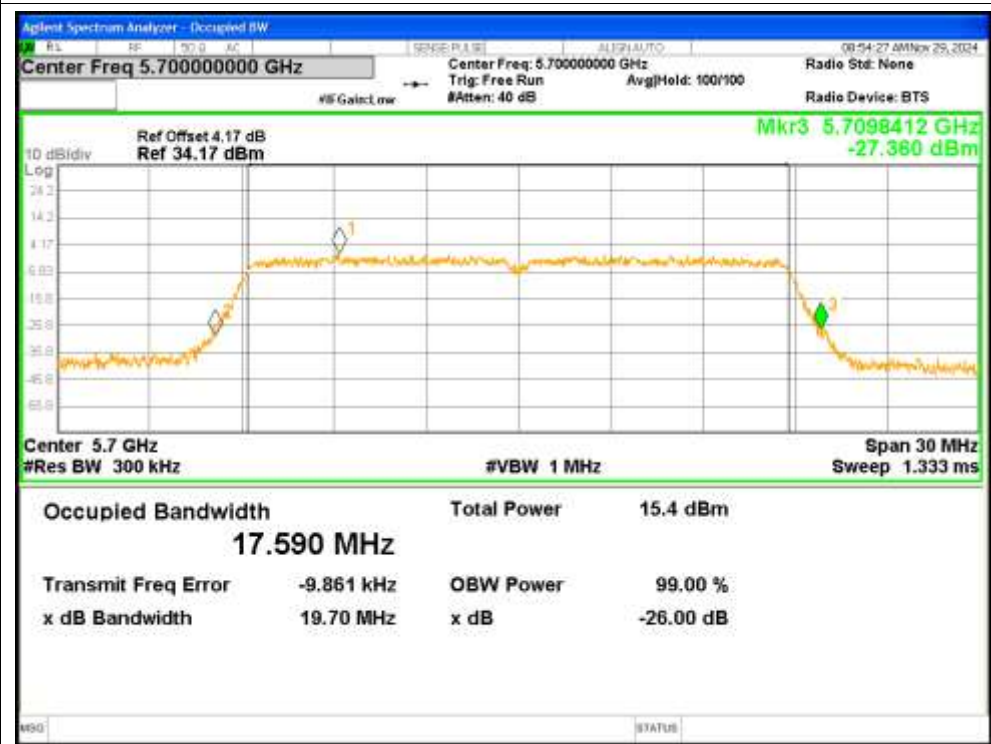
-26dB Bandwidth NVNT n20 5580MHz Ant2



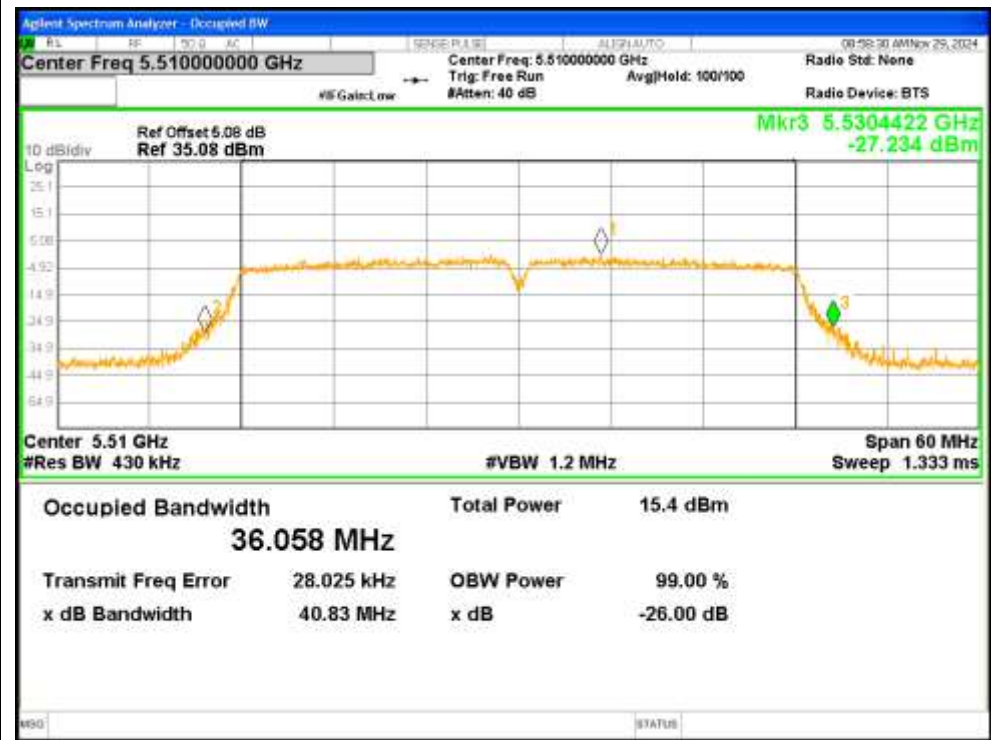
-26dB Bandwidth NVNT n20 5700MHz Ant1



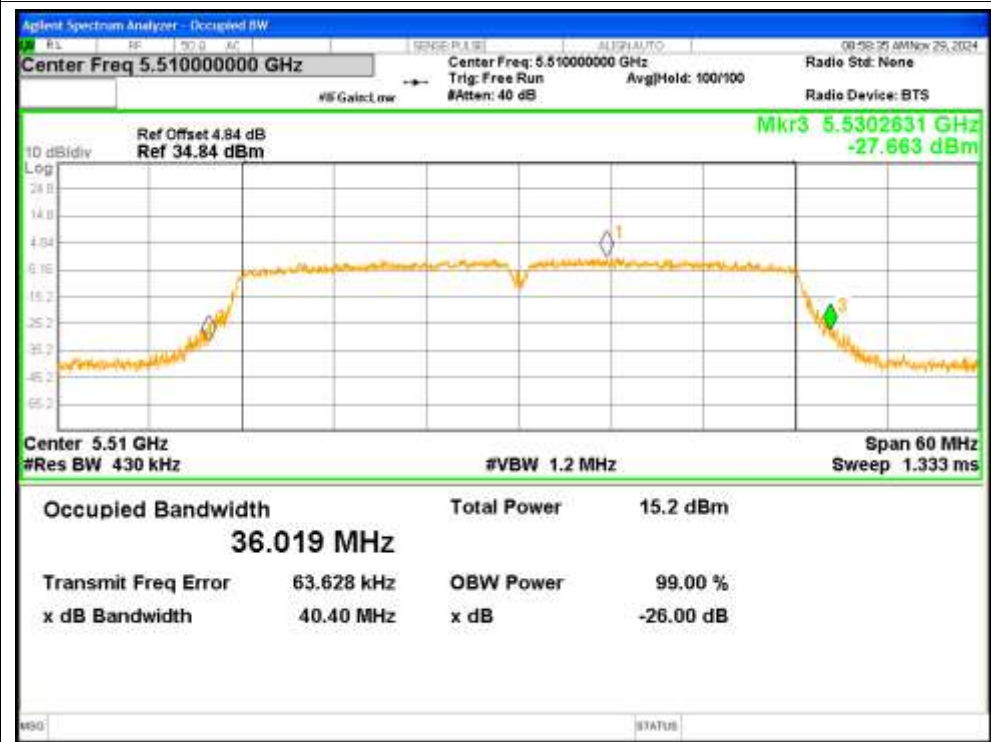
-26dB Bandwidth NVNT n20 5700MHz Ant2



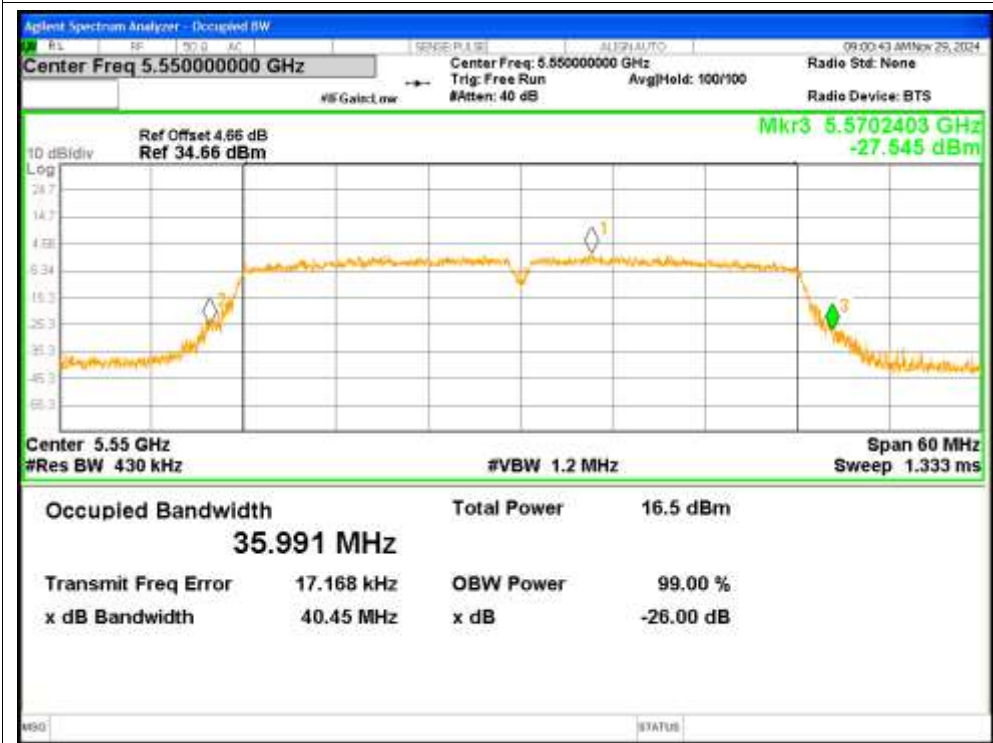
-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5510MHz Ant2



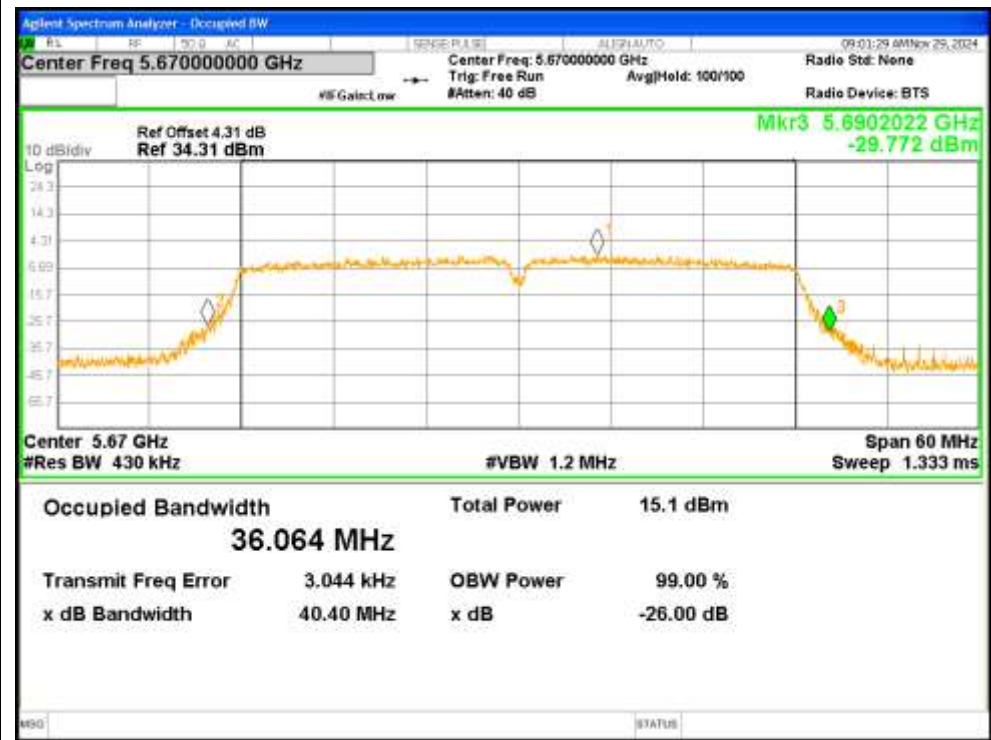
-26dB Bandwidth NVNT n40 5550MHz Ant1



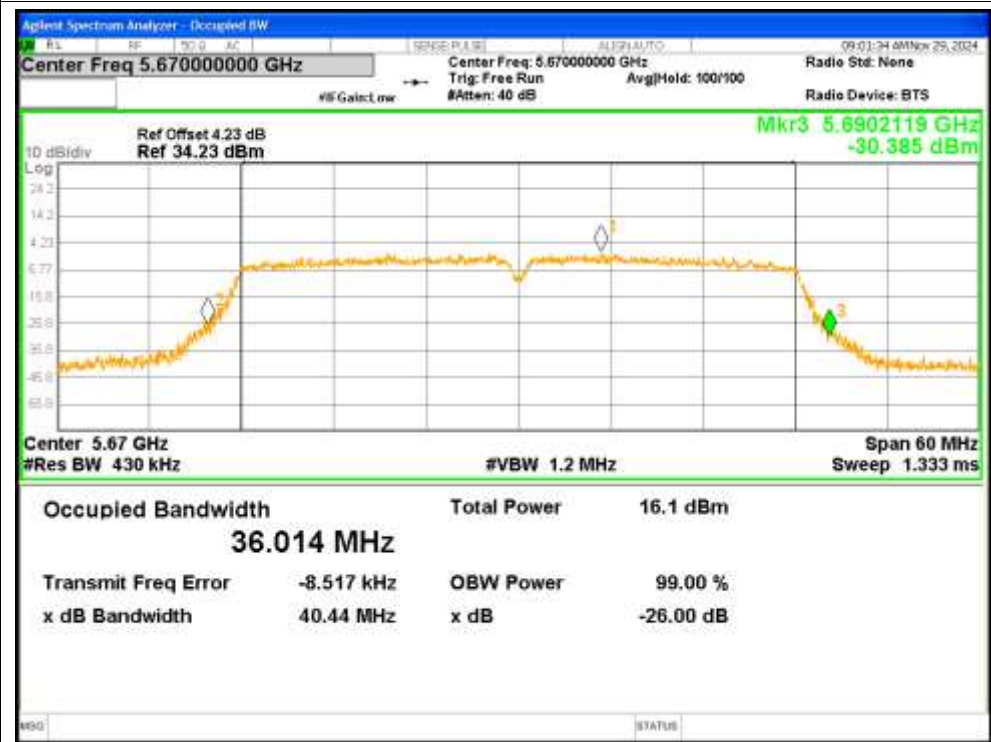
-26dB Bandwidth NVNT n40 5550MHz Ant2



-26dB Bandwidth NVNT n40 5670MHz Ant1



-26dB Bandwidth NVNT n40 5670MHz Ant2

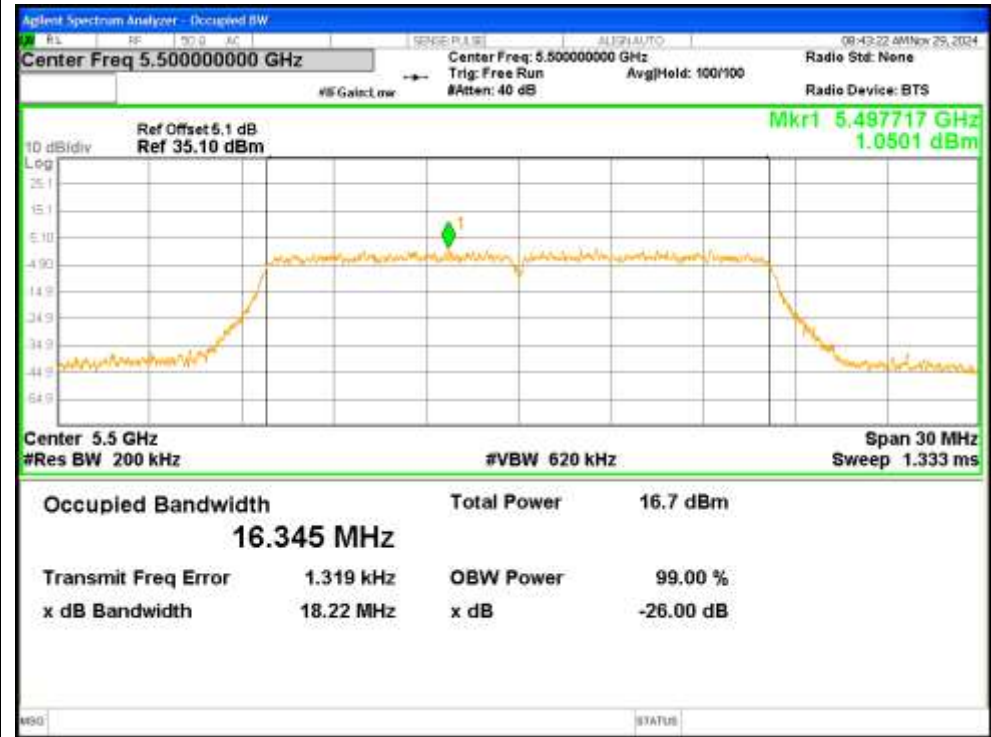


4. Occupied Channel Bandwidth

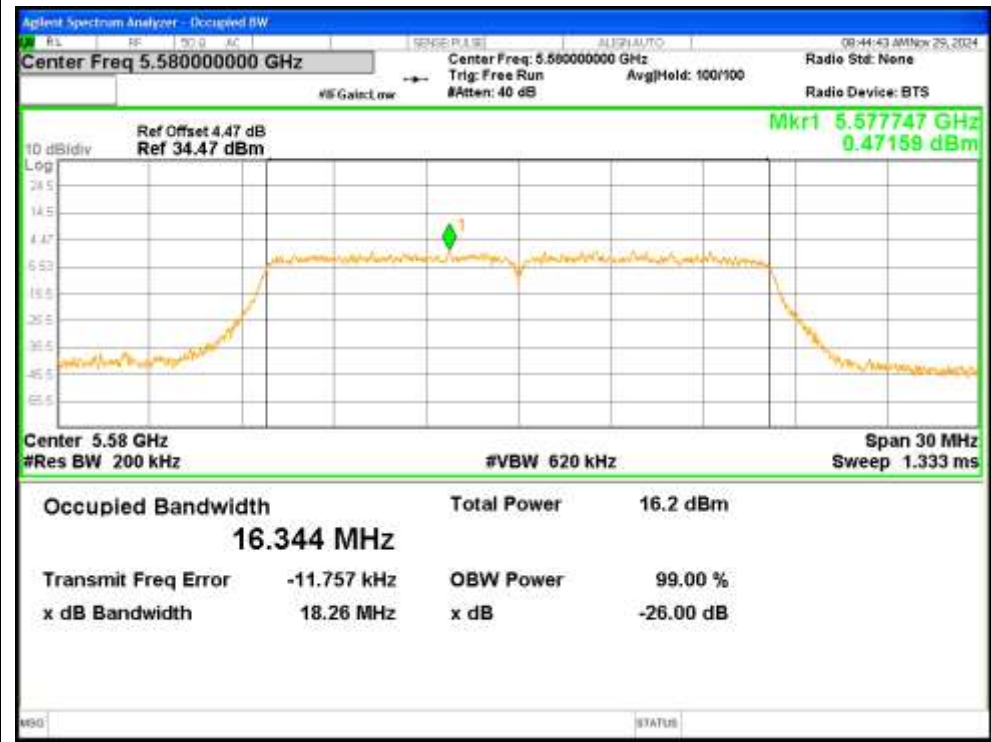
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.3454
NVNT	a	5580	Ant1	16.3435
NVNT	a	5700	Ant1	16.3446
NVNT	a	5500	Ant2	16.3444
NVNT	a	5580	Ant2	16.3474
NVNT	a	5700	Ant2	16.3576
NVNT	n20	5500	Ant1	17.5437
NVNT	n20	5500	Ant2	17.5279
NVNT	n20	5580	Ant1	17.5405
NVNT	n20	5580	Ant2	17.532
NVNT	n20	5700	Ant1	17.5474
NVNT	n20	5700	Ant2	17.5419
NVNT	n40	5510	Ant1	36.0556
NVNT	n40	5510	Ant2	36.0019
NVNT	n40	5550	Ant1	35.9733
NVNT	n40	5550	Ant2	35.9983
NVNT	n40	5670	Ant1	36.004
NVNT	n40	5670	Ant2	36.0477

Test Graphs

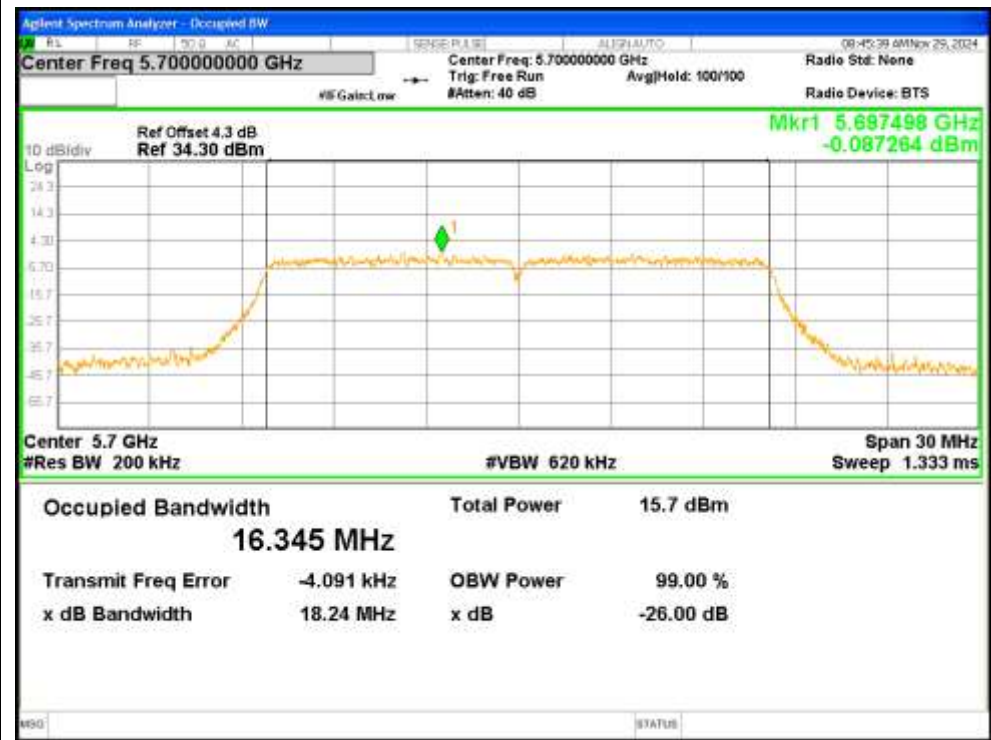
OBW NVNT a 5500MHz Ant1



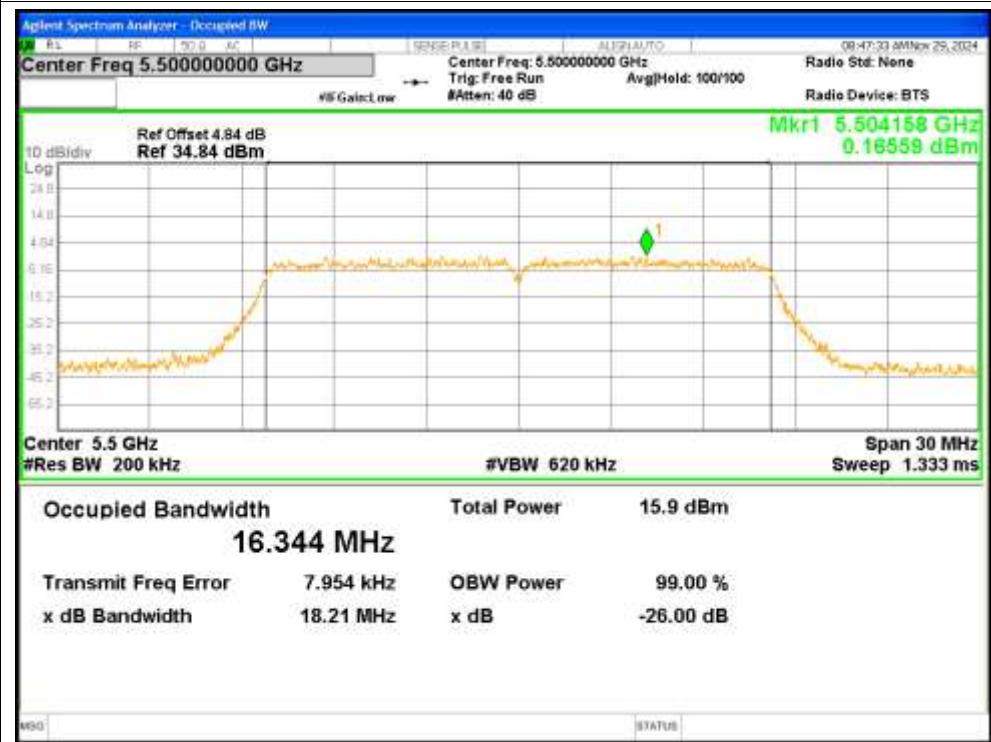
OBW NVNT a 5580MHz Ant1



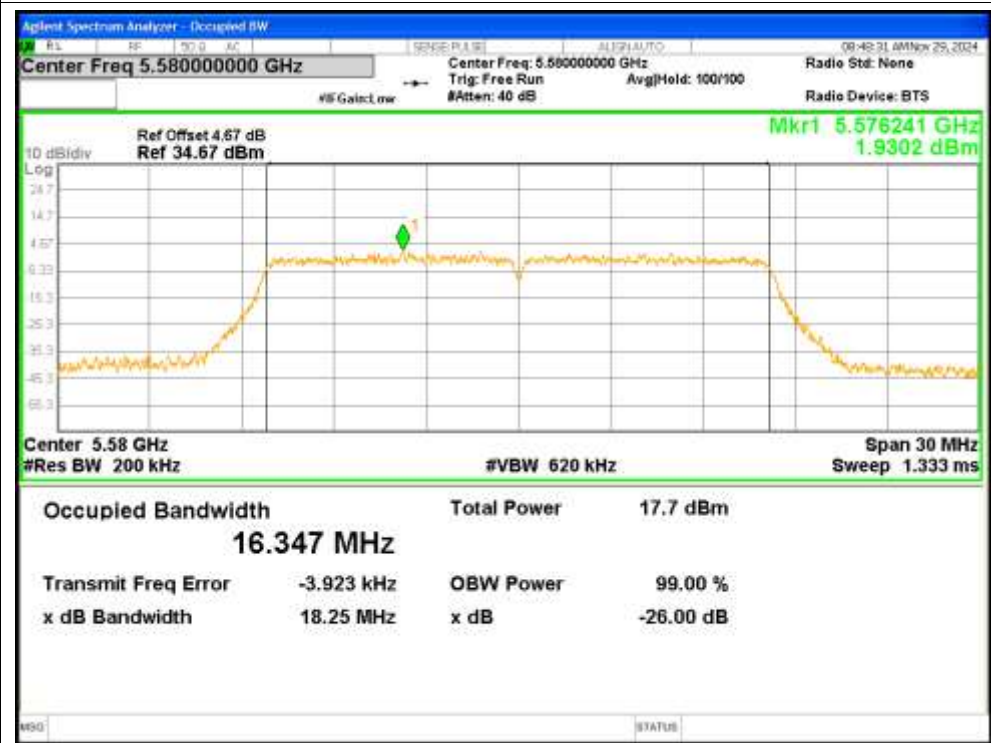
OBW NVNT a 5700MHz Ant1



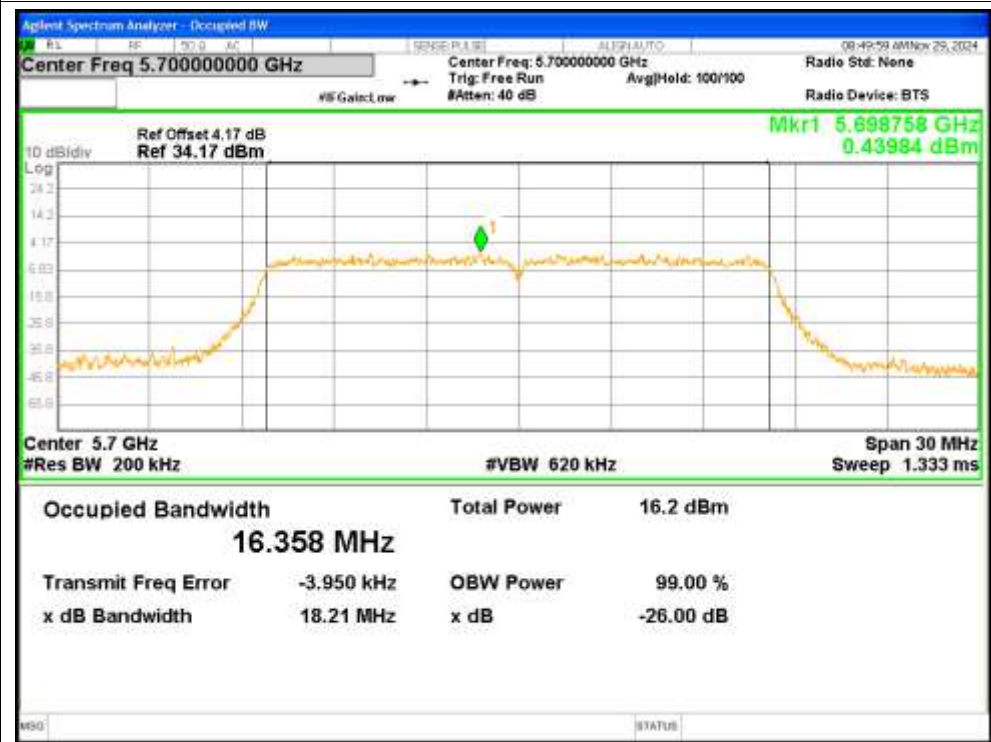
OBW NVNT a 5500MHz Ant2



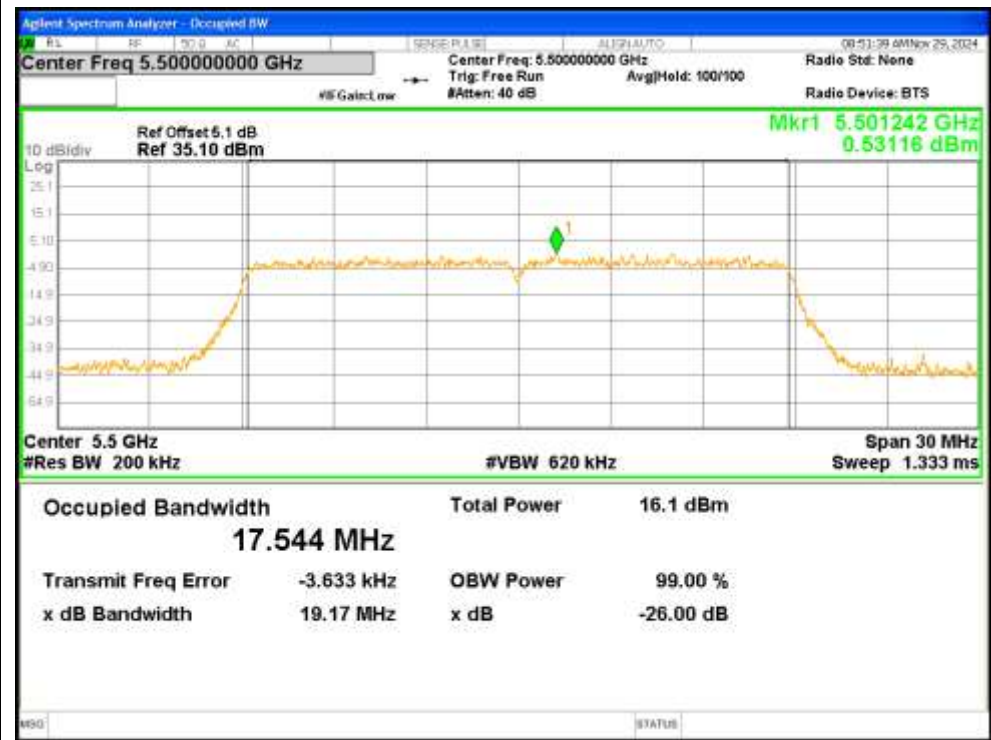
OBW NVNT a 5580MHz Ant2



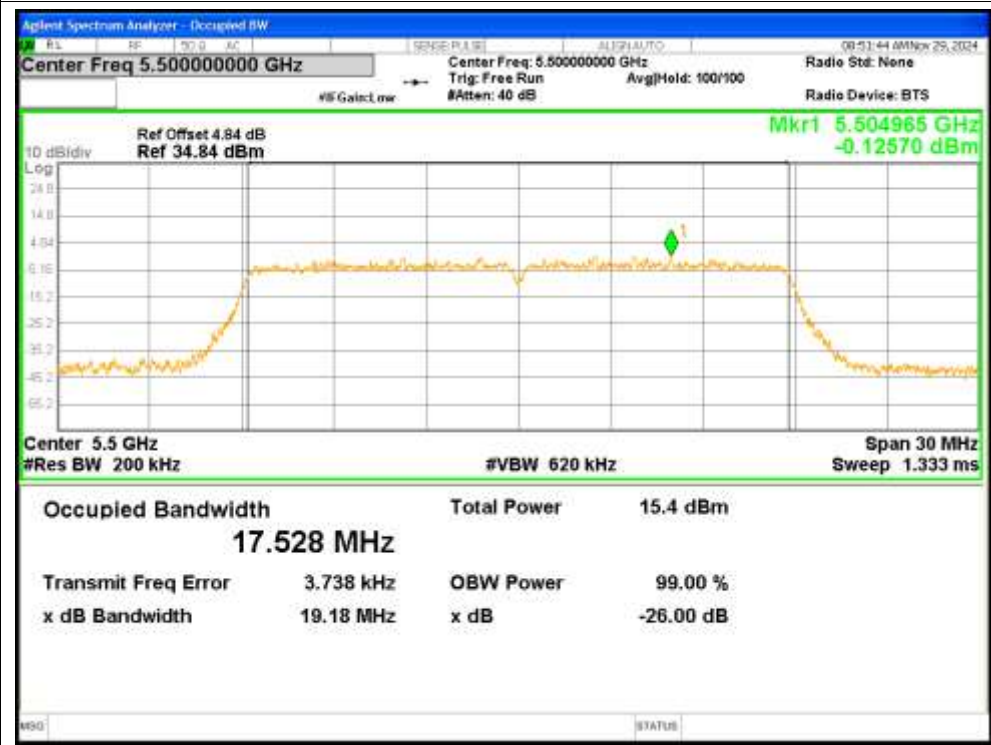
OBW NVNT a 5700MHz Ant2



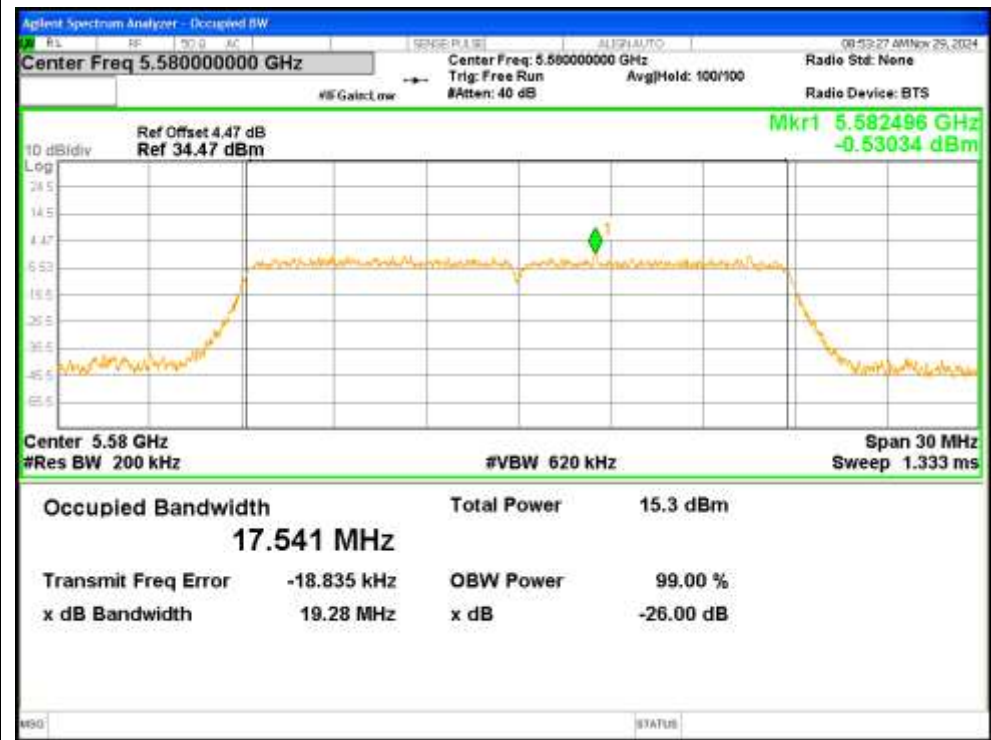
OBW NVNT n20 5500MHz Ant1



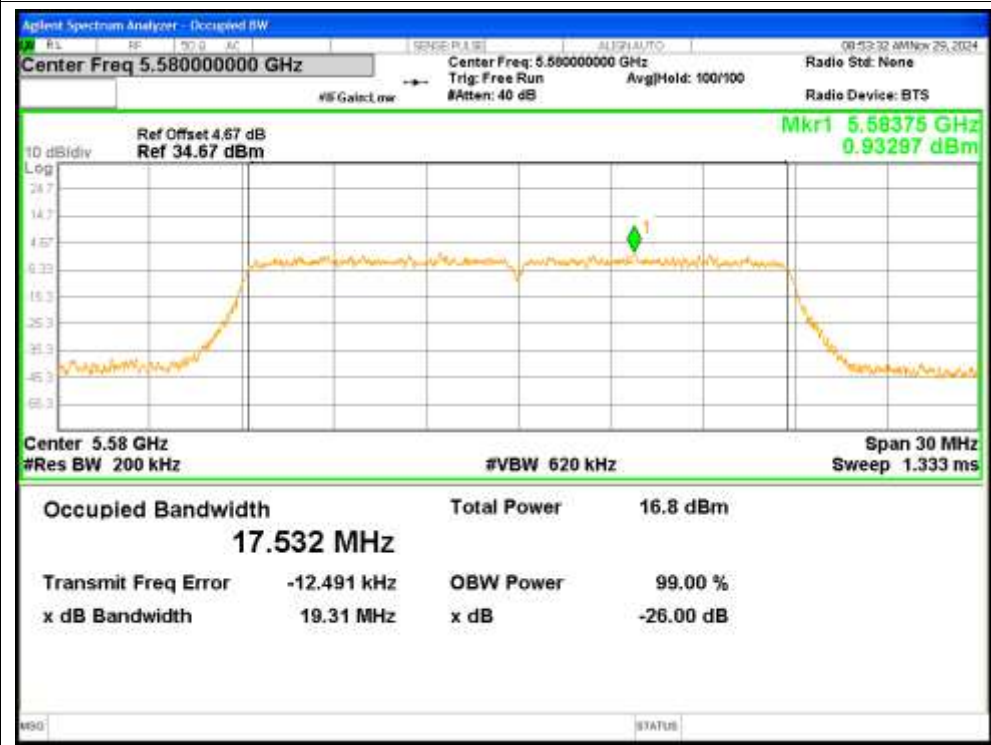
OBW NVNT n20 5500MHz Ant2



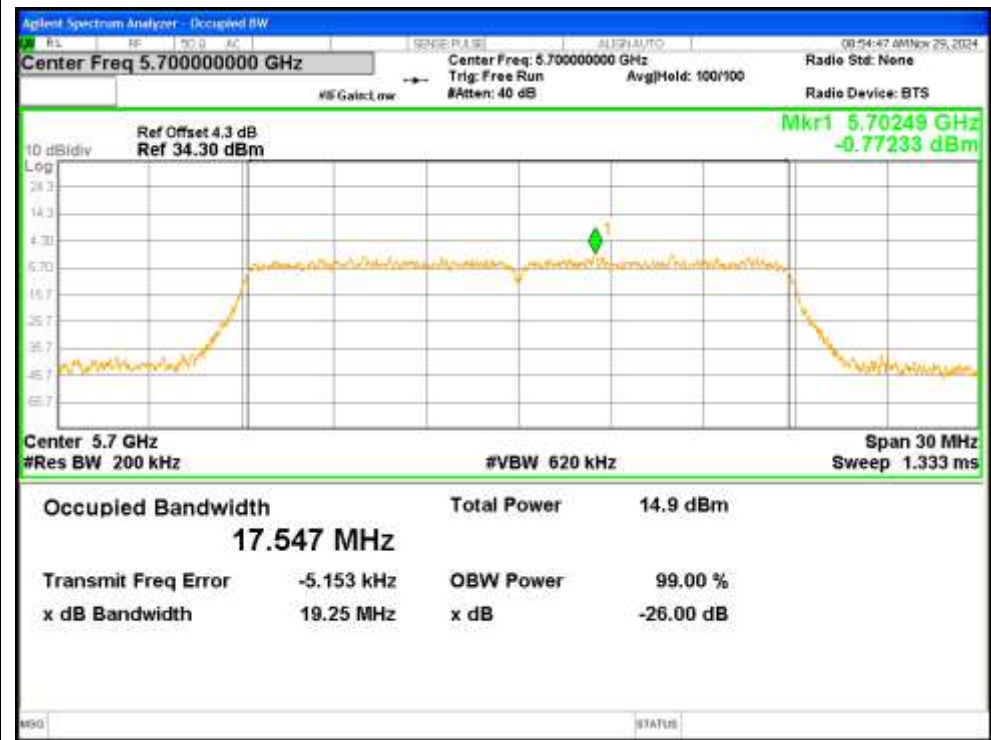
OBW NVNT n20 5580MHz Ant1



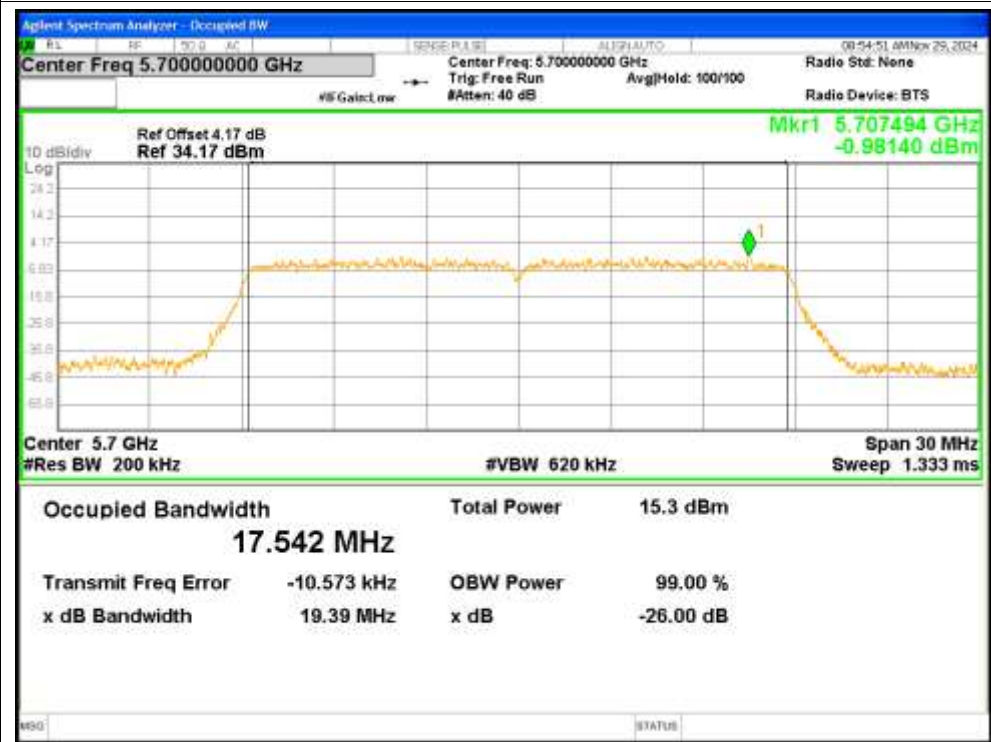
OBW NVNT n20 5580MHz Ant2



OBW NVNT n20 5700MHz Ant1



OBW NVNT n20 5700MHz Ant2



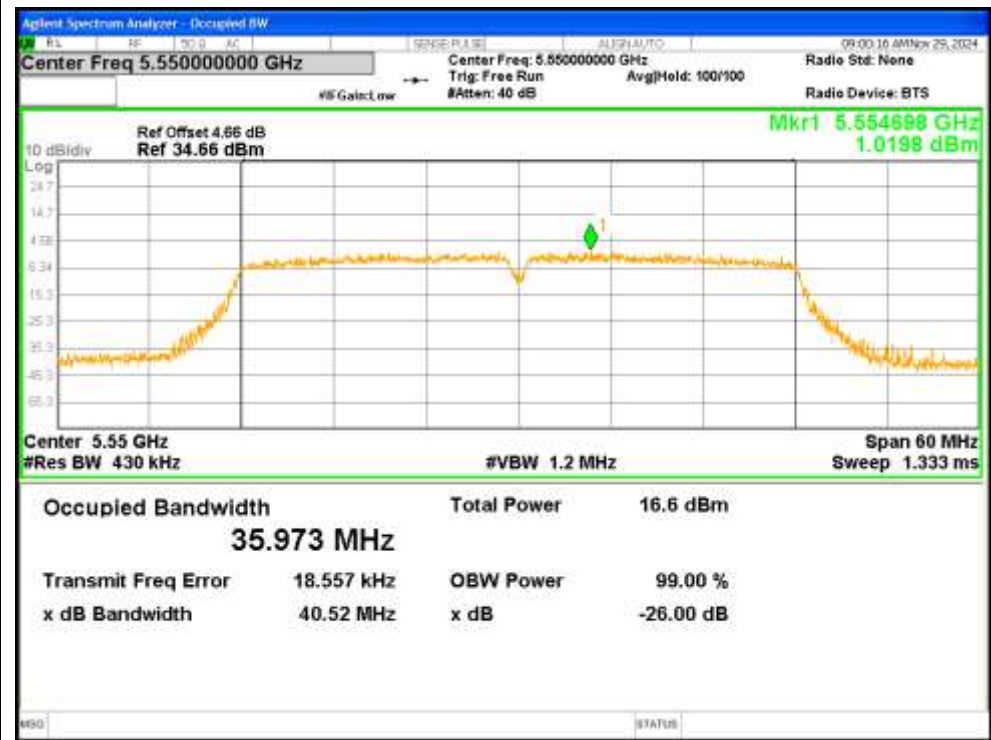
OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5510MHz Ant2



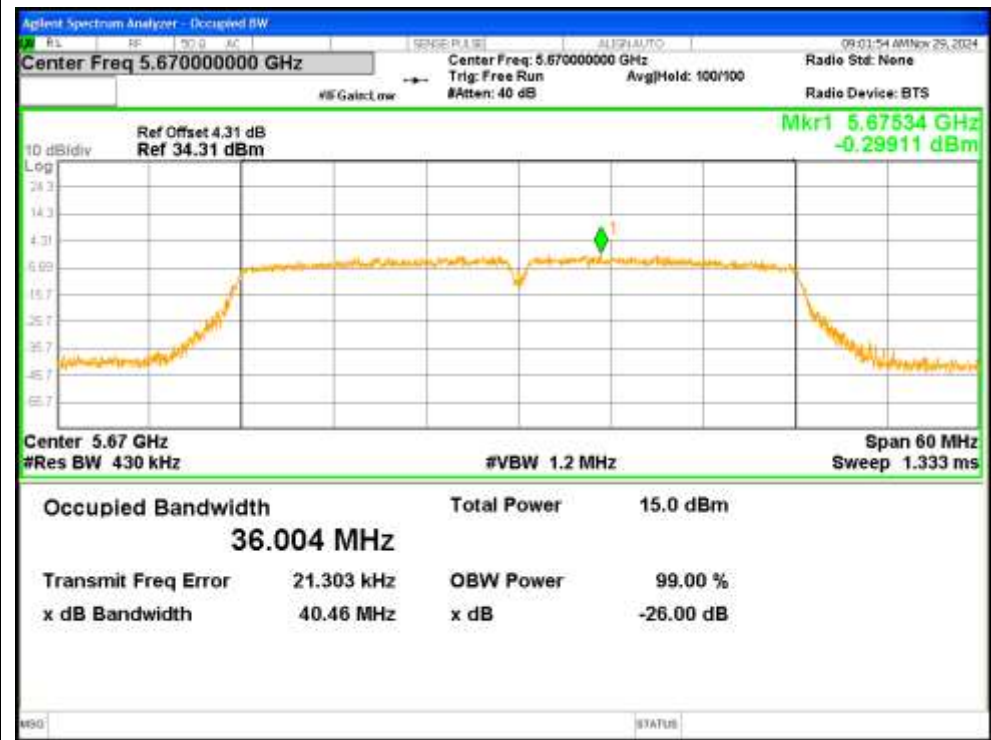
OBW NVNT n40 5550MHz Ant1



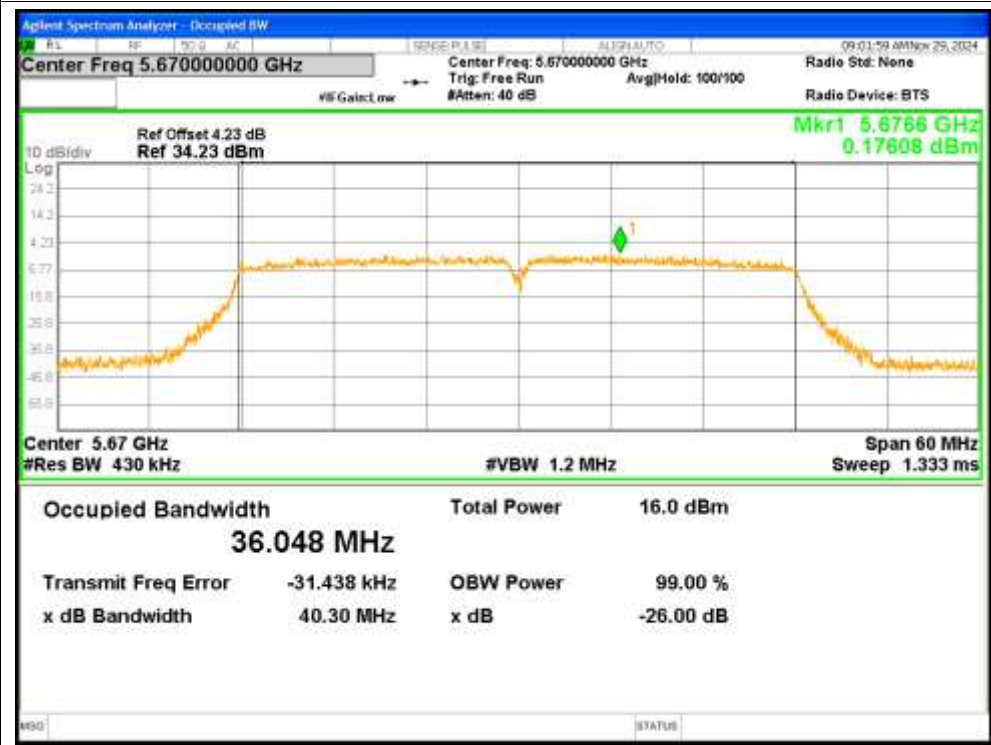
OBW NVNT n40 5550MHz Ant2



OBW NVNT n40 5670MHz Ant1



OBW NVNT n40 5670MHz 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	5500	Ant1	-0.312	1.36	1.048	<=11	Pass
NVNT	a	5580	Ant1	-0.623	1.36	0.737	<=11	Pass
NVNT	a	5700	Ant1	-1.211	1.36	0.149	<=11	Pass
NVNT	a	5500	Ant2	-1.344	1.36	0.016	<=11	Pass
NVNT	a	5580	Ant2	0.593	1.36	1.953	<=11	Pass
NVNT	a	5700	Ant2	-0.616	1.36	0.744	<=11	Pass
NVNT	n20	5500	Ant1	-1.363	1.44	0.077	<=11	Pass
NVNT	n20	5500	Ant2	-1.671	1.44	-0.231	<=11	Pass
NVNT	n20	5500	Sum	1.496	1.44	2.936	<=10.96	Pass
NVNT	n20	5580	Ant1	-2.288	1.44	-0.848	<=11	Pass
NVNT	n20	5580	Ant2	-0.37	1.44	1.07	<=11	Pass
NVNT	n20	5580	Sum	1.786	1.44	3.226	<=10.96	Pass
NVNT	n20	5700	Ant1	-2.546	1.44	-1.106	<=11	Pass
NVNT	n20	5700	Ant2	-1.931	1.44	-0.491	<=11	Pass
NVNT	n20	5700	Sum	0.783	1.44	2.223	<=10.96	Pass
NVNT	n40	5510	Ant1	-4.979	2.53	-2.449	<=11	Pass
NVNT	n40	5510	Ant2	-5.026	2.53	-2.496	<=11	Pass
NVNT	n40	5510	Sum	-1.992	2.53	0.538	<=10.96	Pass
NVNT	n40	5550	Ant1	-4.327	2.53	-1.797	<=11	Pass
NVNT	n40	5550	Ant2	-3.629	2.53	-1.099	<=11	Pass
NVNT	n40	5550	Sum	-0.954	2.53	1.576	<=10.96	Pass
NVNT	n40	5670	Ant1	-5.822	2.53	-3.292	<=11	Pass
NVNT	n40	5670	Ant2	-4.748	2.53	-2.218	<=11	Pass
NVNT	n40	5670	Sum	-2.242	2.53	0.288	<=10.96	Pass

Test Graphs

PSD NVNT a 5500MHz Ant1



PSD NVNT a 5580MHz Ant1



PSD NVNT a 5700MHz Ant1



PSD NVNT a 5500MHz Ant2



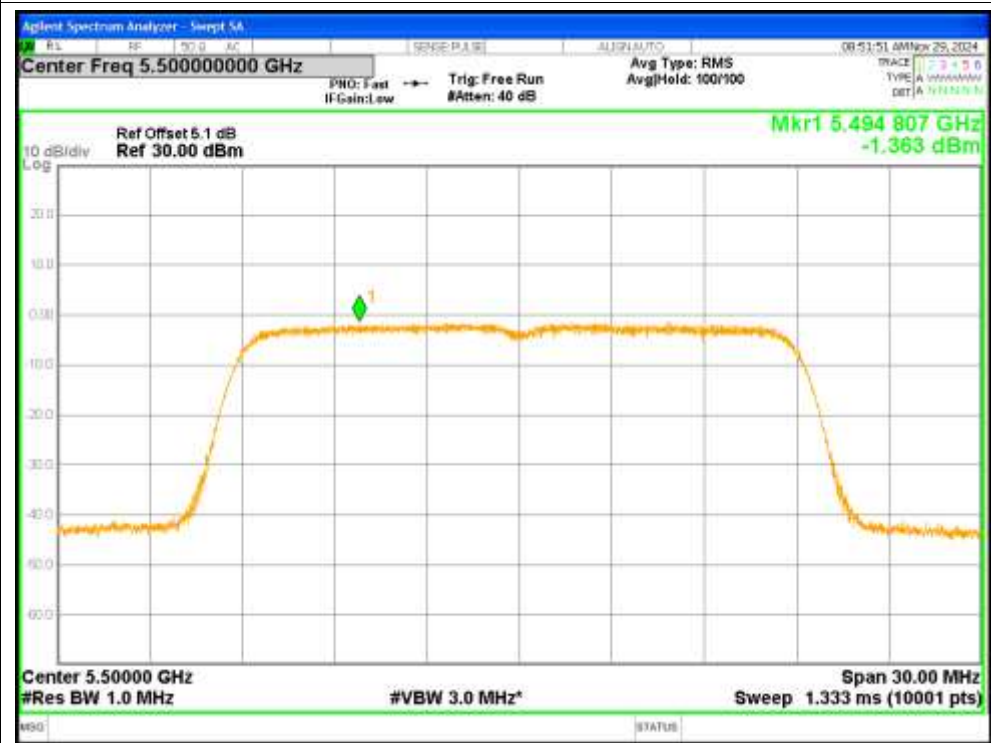
PSD NVNT a 5580MHz Ant2



PSD NVNT a 5700MHz Ant2



PSD NVNT n20 5500MHz Ant1



PSD NVNT n20 5500MHz Ant2



PSD NVNT n20 5580MHz Ant1



PSD NVNT n20 5580MHz Ant2



PSD NVNT n20 5700MHz Ant1



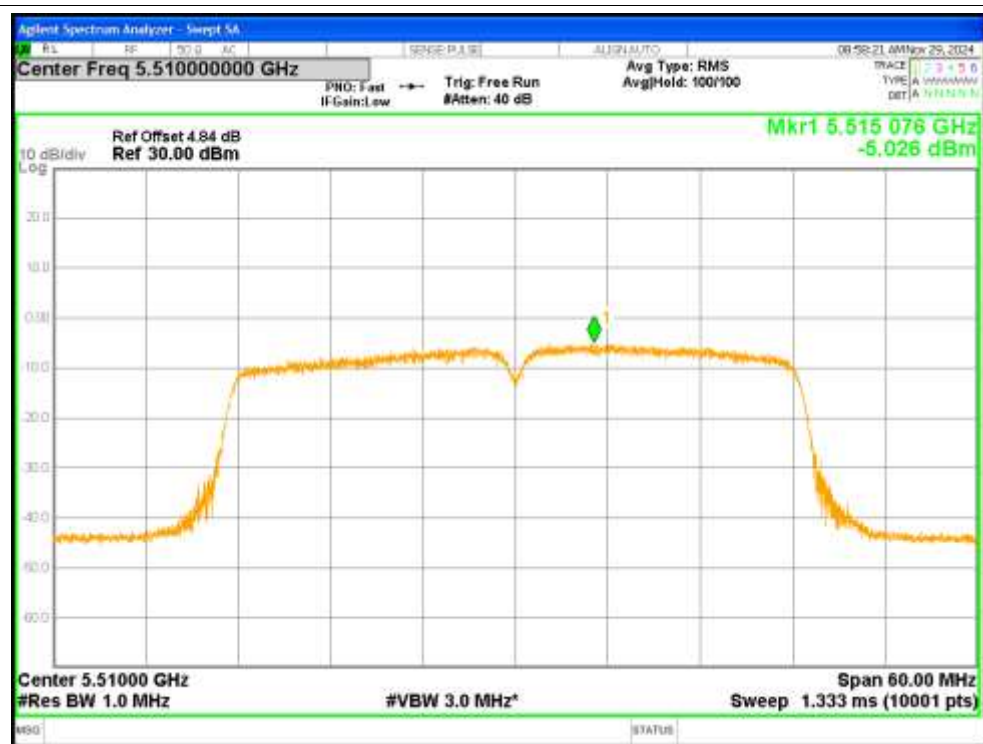
PSD NVNT n20 5700MHz Ant2



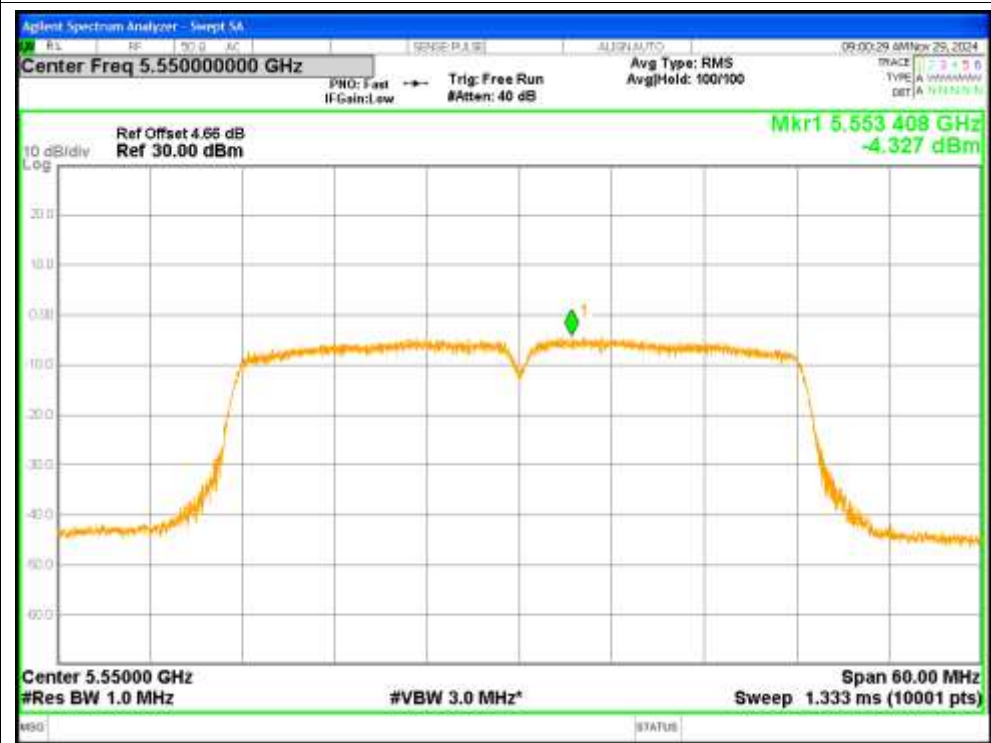
PSD NVNT n40 5510MHz Ant1



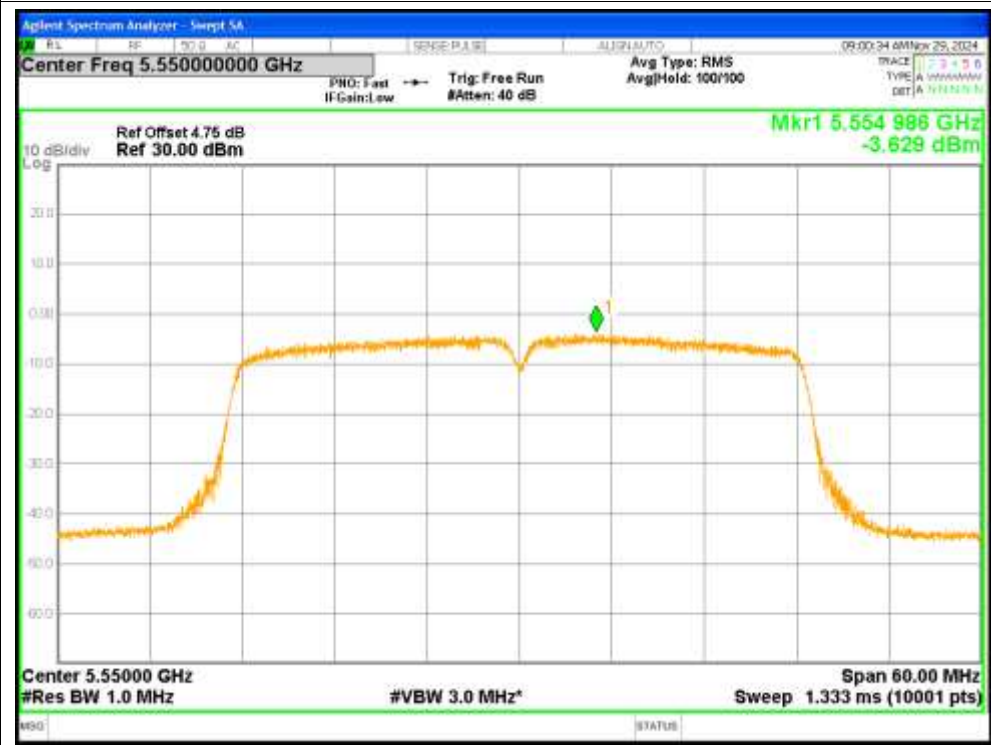
PSD NVNT n40 5510MHz Ant2



PSD NVNT n40 5550MHz Ant1



PSD NVNT n40 5550MHz Ant2



PSD NVNT n40 5670MHz Ant1



PSD NVNT n40 5670MHz Ant2

