

1. Duty Cycle

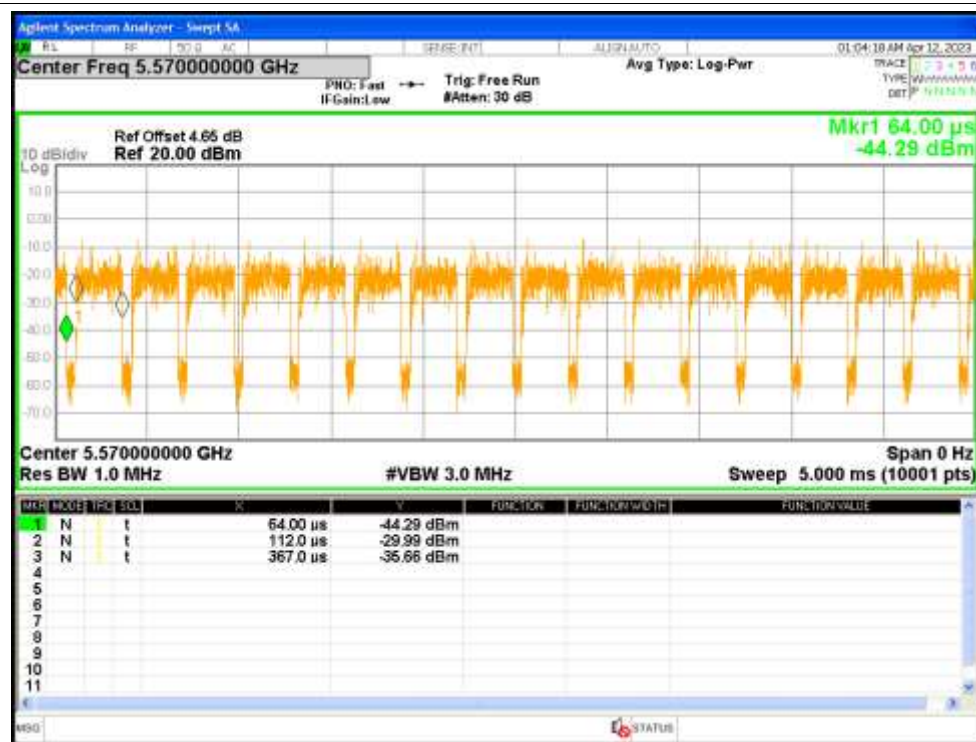
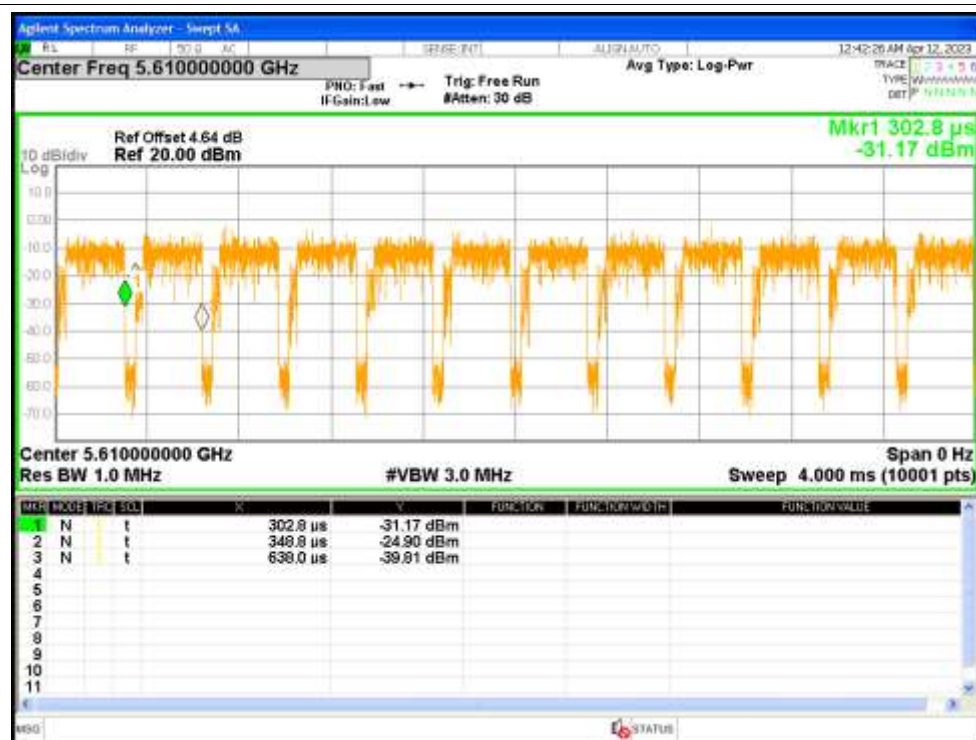
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	81.14	0.91	5.18
NVNT	a	5580	Ant1	81.22	0.9	5.17
NVNT	a	5700	Ant1	81.17	0.91	5.18
NVNT	a	5500	Ant2	81.27	0.9	5.17
NVNT	a	5580	Ant2	81.27	0.9	5.17
NVNT	a	5700	Ant2	81.22	0.9	5.17
NVNT	ac160	5570	Sum	85.74	0.67	3.5
NVNT	ac20	5500	Sum	87.55	0.58	3.11
NVNT	ac20	5580	Sum	87.47	0.58	3.11
NVNT	ac20	5700	Sum	87.55	0.58	3.11
NVNT	ac40	5510	Sum	86.4	0.63	3.32
NVNT	ac40	5550	Sum	86.85	0.61	3.32
NVNT	ac40	5670	Sum	86.78	0.62	3.32
NVNT	ac80	5530	Sum	85.77	0.67	3.46
NVNT	ac80	5610	Sum	86.28	0.64	3.46
NVNT	ax160	5570	Sum	84.16	0.75	3.92
NVNT	ax20	5500	Sum	91.36	0.39	2.06
NVNT	ax20	5580	Sum	91.37	0.39	2.06
NVNT	ax20	5700	Sum	91.37	0.39	2.06
NVNT	ax40	5510	Sum	84.67	0.72	3.72
NVNT	ax40	5550	Sum	85.58	0.68	3.72
NVNT	ax40	5670	Sum	85.58	0.68	3.72
NVNT	ax80	5530	Sum	84.15	0.75	3.92
NVNT	ax80	5610	Sum	84.71	0.72	3.92
NVNT	n20	5500	Sum	88.52	0.53	2.83
NVNT	n20	5580	Sum	88.59	0.53	2.83
NVNT	n20	5700	Sum	88.54	0.53	2.83
NVNT	n40	5510	Sum	87.73	0.57	2.93
NVNT	n40	5550	Sum	88.15	0.55	2.93
NVNT	n40	5670	Sum	88.15	0.55	2.93

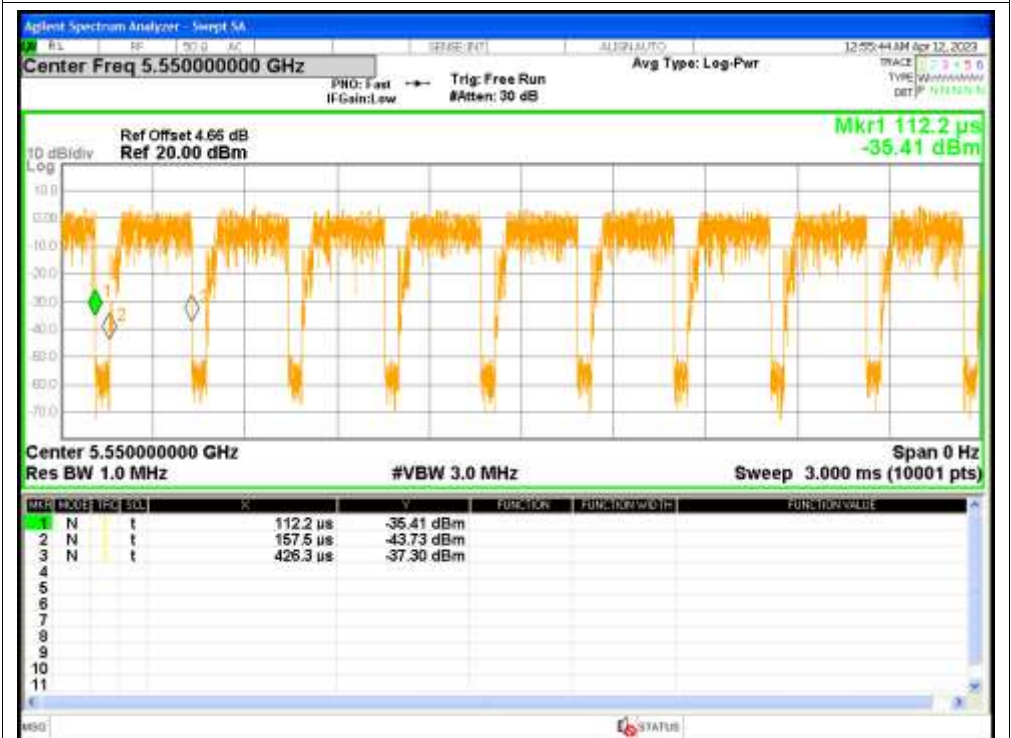
Duty Cycle NVNT ac20 5580MHz Sum

Center Freq 5.58000000 GHz
Ref Offset 4.65 dB
Ref 20.00 dBm
Mkr1 191.7 μs
-37.10 dBm

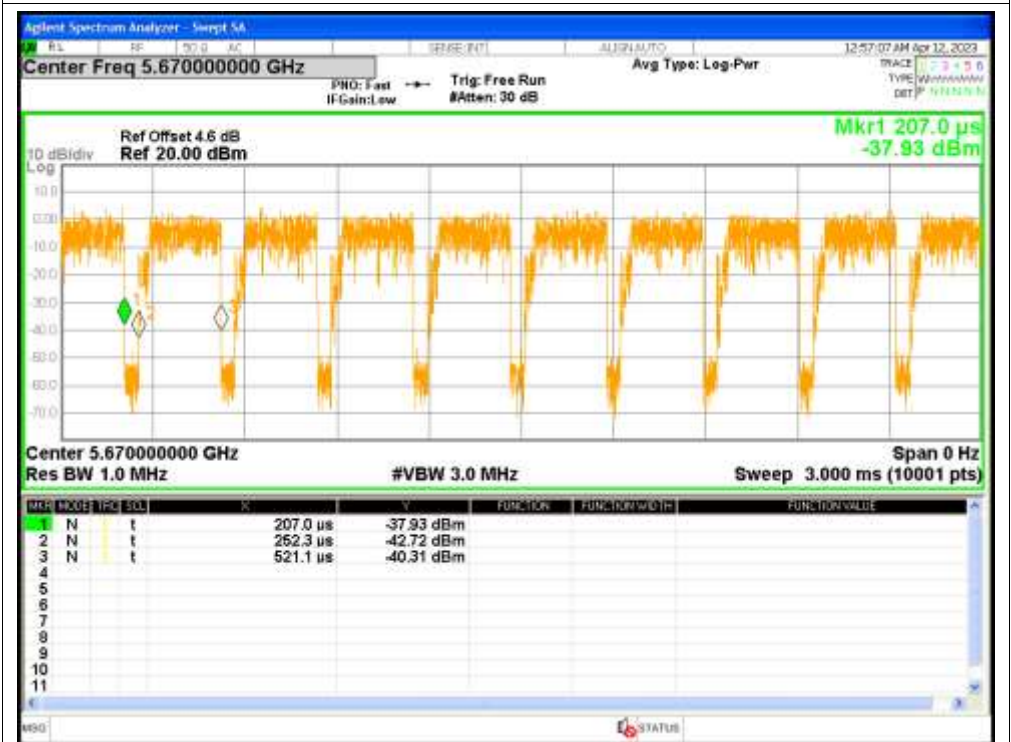
MKR	MIDDLE	TRIG	SOL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	t		191.7 μs	-37.10 dBm			
2	N	t		237.7 μs	-32.40 dBm			
3	N	t		558.8 μs	-40.46 dBm			

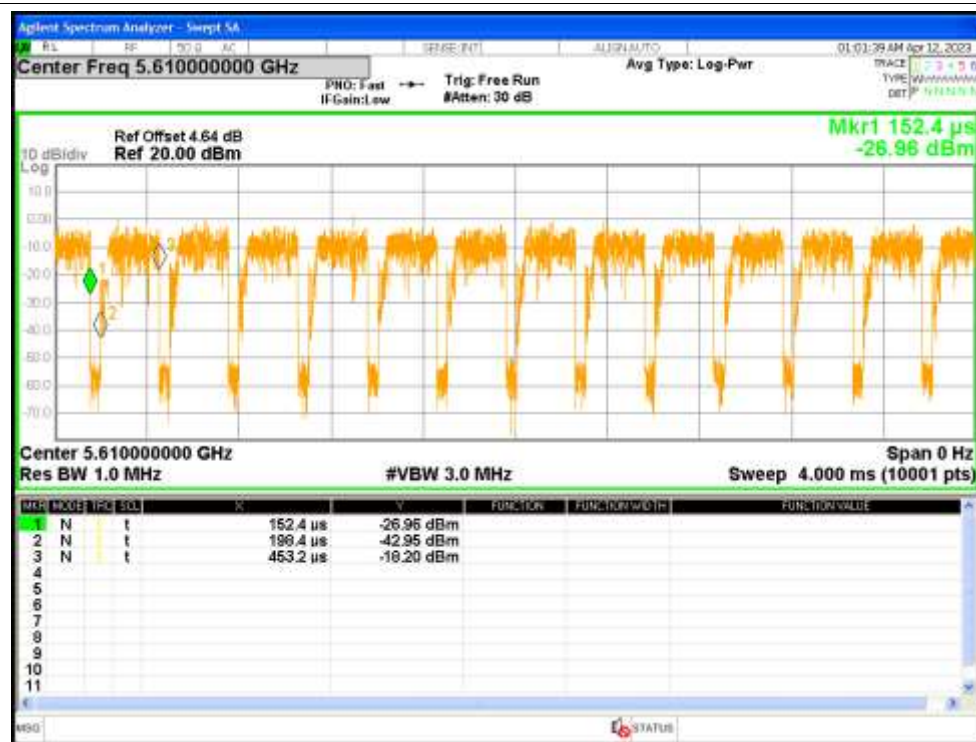
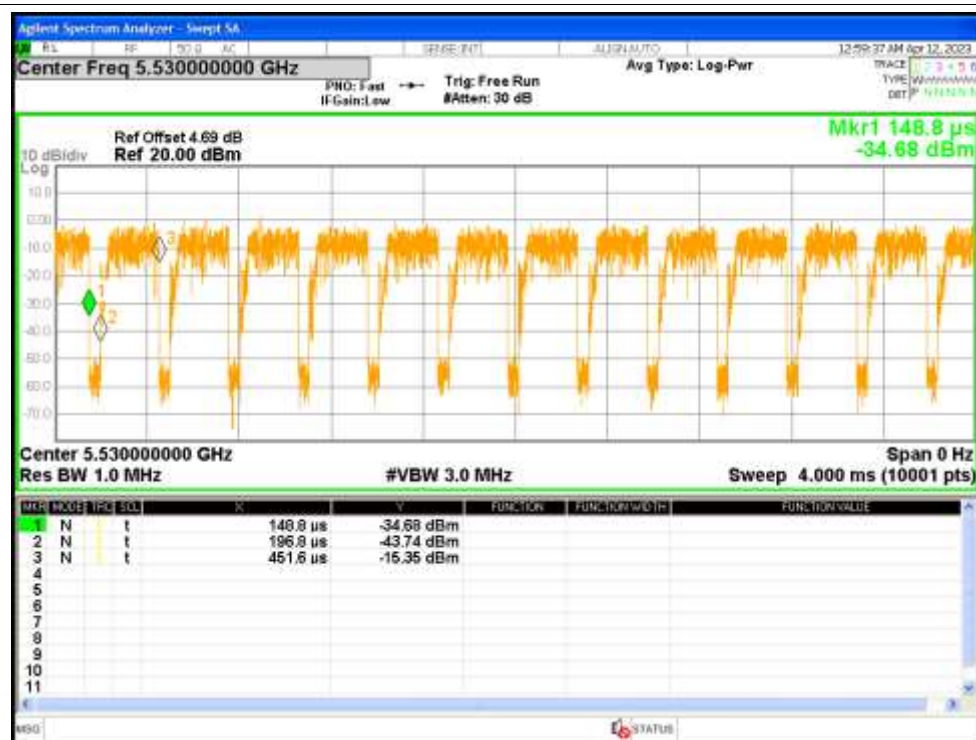
[illegible]

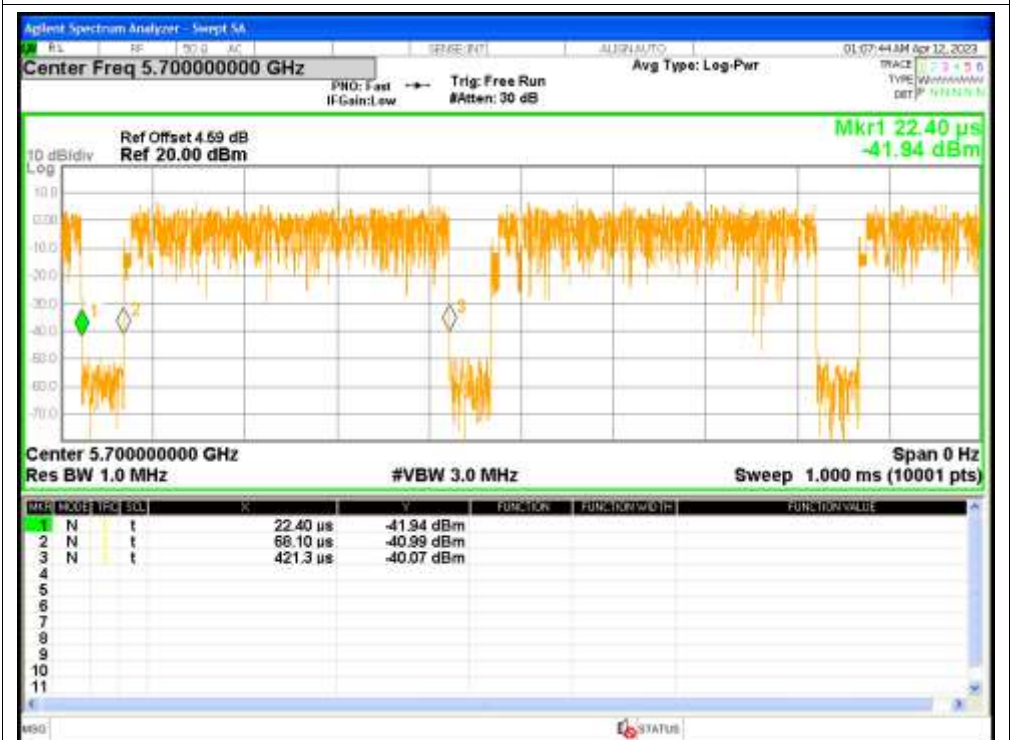




Duty Cycle NVNT ax40 5670MHz Sum

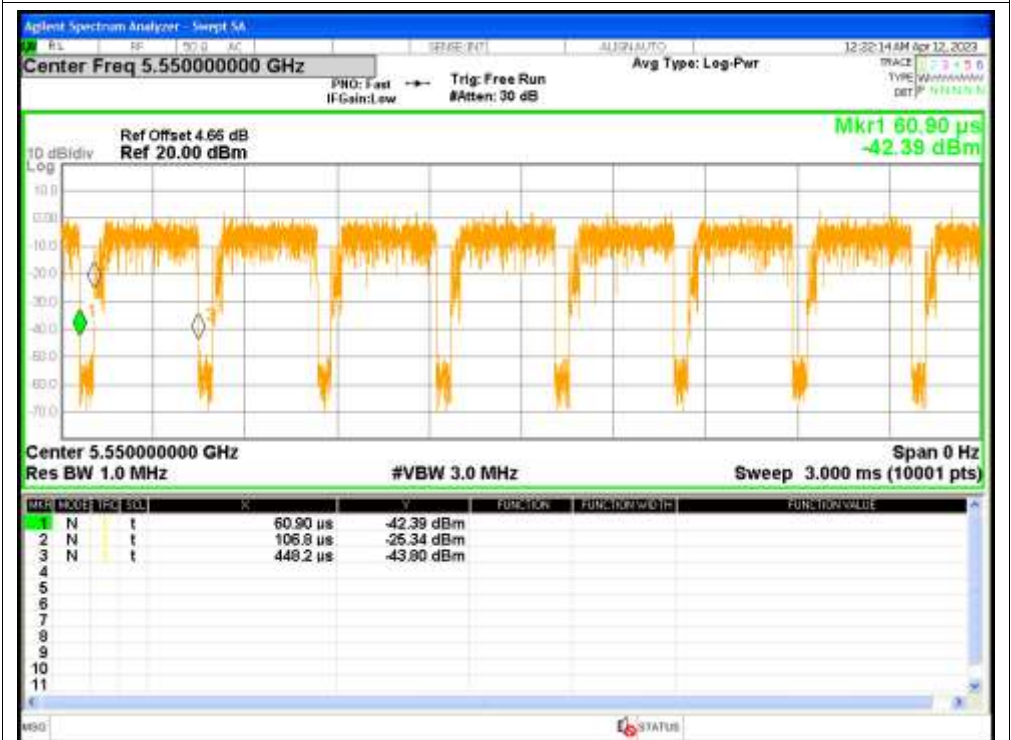






Duty Cycle NVNT n40 5510MHz Sum				
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
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22	0	0	0	0
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29	0	0	0	0
30	0	0	0	0
31	0	0	0	0
32	0	0	0	0
33	0	0	0	0
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35	0	0	0	0
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78	0	0	0	0
79	0	0	0	0
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81	0	0	0	0
82	0	0	0	0
83	0	0	0	0
84	0	0	0	0
85	0	0	0	0
86	0	0	0	0
87	0	0	0	0
88	0	0	0	0
89	0	0	0	0
90	0	0	0	0
91	0	0	0	0
92	0	0	0	0
93	0	0	0	0
94	0			





Duty Cycle NVNT n40 5670MHz Sum	
0	0.000000
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
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66	0.000000
67	0.000000
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102	0.000000
103	0.000000
104	0.000000
105	0.000000
106	0.000000
107	0.000000
108	0.000000
109	0.000000
110	0.000000
111	0.000000
112	0.000000
113	0.000000
114	0.000000
115	0.000000
116	0.000000
117	0.000000
118	0.000000
119	0.000000
120	0.000000
121	0.000000
122	0.000000
123	0.000000
124	0.000000
125	0.000000
126	0.000000
127	0.000000
128	0.000000
129	0.000000
130	0.000000
131	0.000000
132	0.000000
133	0.000000
134	0.000000
135	0.000000
136	0.000000
137	0.000000
138	0.000



2. Maximum Conducted Output Power

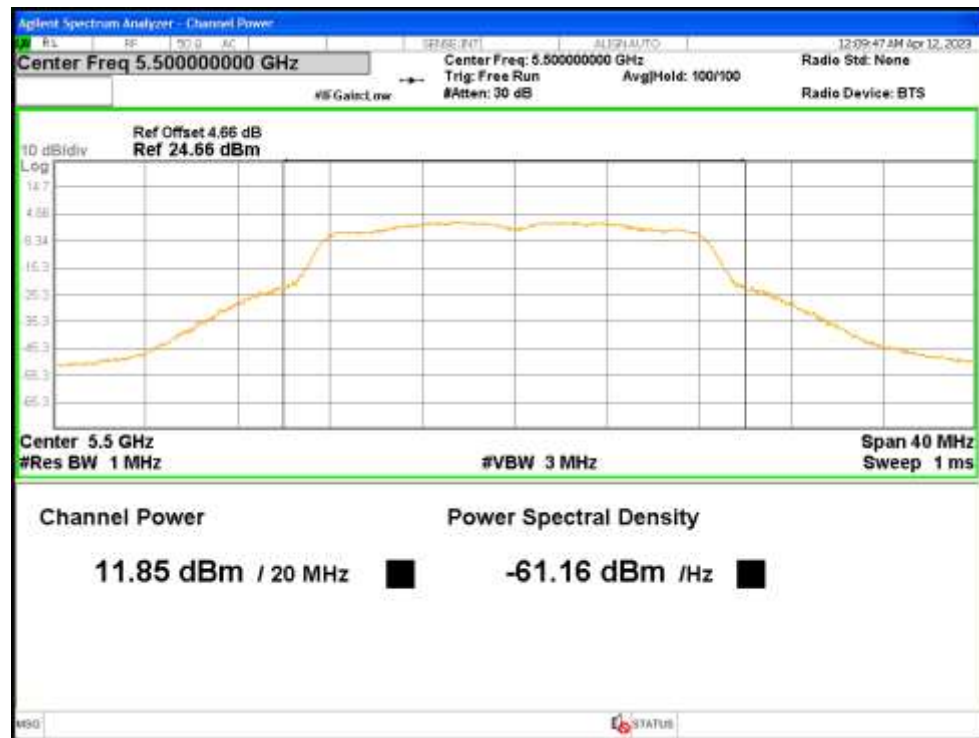
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	11.85	0.91	12.76	<=23.98	Pass
NVNT	a	5580	Ant1	11.47	0.9	12.37	<=23.98	Pass
NVNT	a	5700	Ant1	10.85	0.91	11.76	<=23.98	Pass
NVNT	a	5500	Ant2	11.42	0.9	12.32	<=23.98	Pass
NVNT	a	5580	Ant2	11.53	0.9	12.43	<=23.98	Pass
NVNT	a	5700	Ant2	10.47	0.9	11.37	<=23.98	Pass
NVNT	ac160	5570	Ant1	10.02	0.67	10.69	<=23.98	Pass
NVNT	ac160	5570	Ant2	10.06	0.67	10.73	<=23.98	Pass
NVNT	ac160	5570	Sum	13.05	0.67	13.72	<=22.51	Pass
NVNT	ac20	5500	Ant1	11.89	0.58	12.47	<=23.98	Pass
NVNT	ac20	5500	Ant2	11.67	0.58	12.25	<=23.98	Pass
NVNT	ac20	5500	Sum	14.79	0.58	15.37	<=22.51	Pass
NVNT	ac20	5580	Ant1	11.62	0.58	12.2	<=23.98	Pass
NVNT	ac20	5580	Ant2	11.71	0.58	12.29	<=23.98	Pass
NVNT	ac20	5580	Sum	14.68	0.58	15.26	<=22.51	Pass
NVNT	ac20	5700	Ant1	10.98	0.58	11.56	<=23.98	Pass
NVNT	ac20	5700	Ant2	10.72	0.58	11.3	<=23.98	Pass
NVNT	ac20	5700	Sum	13.86	0.58	14.44	<=22.51	Pass
NVNT	ac40	5510	Ant1	12.39	0.63	13.02	<=23.98	Pass
NVNT	ac40	5510	Ant2	11.8	0.63	12.43	<=23.98	Pass
NVNT	ac40	5510	Sum	15.12	0.63	15.75	<=22.51	Pass
NVNT	ac40	5550	Ant1	12.38	0.61	12.99	<=23.98	Pass
NVNT	ac40	5550	Ant2	12.03	0.61	12.64	<=23.98	Pass
NVNT	ac40	5550	Sum	15.22	0.61	15.83	<=22.51	Pass
NVNT	ac40	5670	Ant1	11.7	0.62	12.32	<=23.98	Pass
NVNT	ac40	5670	Ant2	11.18	0.62	11.8	<=23.98	Pass
NVNT	ac40	5670	Sum	14.46	0.62	15.08	<=22.51	Pass
NVNT	ac80	5530	Ant1	10.01	0.67	10.68	<=23.98	Pass
NVNT	ac80	5530	Ant2	9.85	0.67	10.52	<=23.98	Pass
NVNT	ac80	5530	Sum	12.94	0.67	13.61	<=22.51	Pass
NVNT	ac80	5610	Ant1	9.58	0.64	10.22	<=23.98	Pass
NVNT	ac80	5610	Ant2	10.06	0.64	10.7	<=23.98	Pass
NVNT	ac80	5610	Sum	12.84	0.64	13.48	<=22.51	Pass
NVNT	ax160	5570	Ant1	9.64	0.75	10.39	<=23.98	Pass
NVNT	ax160	5570	Ant2	9.77	0.75	10.52	<=23.98	Pass
NVNT	ax160	5570	Sum	12.72	0.75	13.47	<=22.51	Pass
NVNT	ax20	5500	Ant1	11.78	0.39	12.17	<=23.98	Pass
NVNT	ax20	5500	Ant2	11.5	0.39	11.89	<=23.98	Pass
NVNT	ax20	5500	Sum	14.65	0.39	15.04	<=22.51	Pass

Report

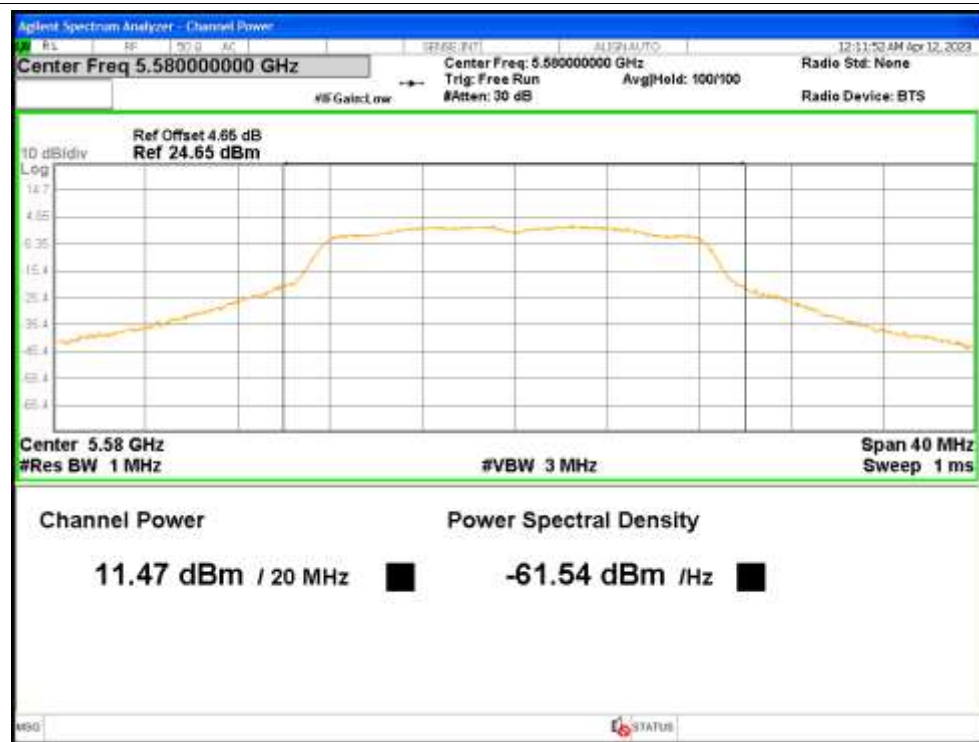
NVNT	ax20	5580	Ant1	11.47	0.39	11.86	<=22.51	Pass
NVNT	ax20	5580	Ant2	11.55	0.39	11.94	<=22.51	Pass
NVNT	ax20	5580	Sum	14.52	0.39	14.91	<=22.51	Pass
NVNT	ax20	5700	Ant1	10.94	0.39	11.33	<=22.51	Pass
NVNT	ax20	5700	Ant2	10.6	0.39	10.99	<=22.51	Pass
NVNT	ax20	5700	Sum	13.78	0.39	14.17	<=22.51	Pass
NVNT	ax40	5510	Ant1	11.9	0.72	12.62	<=22.51	Pass
NVNT	ax40	5510	Ant2	11.42	0.72	12.14	<=22.51	Pass
NVNT	ax40	5510	Sum	14.68	0.72	15.4	<=22.51	Pass
NVNT	ax40	5550	Ant1	12	0.68	12.68	<=22.51	Pass
NVNT	ax40	5550	Ant2	11.63	0.68	12.31	<=22.51	Pass
NVNT	ax40	5550	Sum	14.83	0.68	15.51	<=22.51	Pass
NVNT	ax40	5670	Ant1	11.31	0.68	11.99	<=22.51	Pass
NVNT	ax40	5670	Ant2	10.85	0.68	11.53	<=22.51	Pass
NVNT	ax40	5670	Sum	14.1	0.68	14.78	<=22.51	Pass
NVNT	ax80	5530	Ant1	9.64	0.75	10.39	<=22.51	Pass
NVNT	ax80	5530	Ant2	9.47	0.75	10.22	<=22.51	Pass
NVNT	ax80	5530	Sum	12.57	0.75	13.32	<=22.51	Pass
NVNT	ax80	5610	Ant1	9.12	0.72	9.84	<=22.51	Pass
NVNT	ax80	5610	Ant2	9.69	0.72	10.41	<=22.51	Pass
NVNT	ax80	5610	Sum	12.42	0.72	13.14	<=22.51	Pass
NVNT	n20	5500	Ant1	11.95	0.53	12.48	<=22.51	Pass
NVNT	n20	5500	Ant2	11.73	0.53	12.26	<=22.51	Pass
NVNT	n20	5500	Sum	14.85	0.53	15.38	<=22.51	Pass
NVNT	n20	5580	Ant1	11.65	0.53	12.18	<=22.51	Pass
NVNT	n20	5580	Ant2	11.8	0.53	12.33	<=22.51	Pass
NVNT	n20	5580	Sum	14.74	0.53	15.27	<=22.51	Pass
NVNT	n20	5700	Ant1	10.95	0.53	11.48	<=22.51	Pass
NVNT	n20	5700	Ant2	10.66	0.53	11.19	<=22.51	Pass
NVNT	n20	5700	Sum	13.82	0.53	14.35	<=22.51	Pass
NVNT	n40	5510	Ant1	12.4	0.57	12.97	<=22.51	Pass
NVNT	n40	5510	Ant2	11.87	0.57	12.44	<=22.51	Pass
NVNT	n40	5510	Sum	15.15	0.57	15.72	<=22.51	Pass
NVNT	n40	5550	Ant1	12.43	0.55	12.98	<=22.51	Pass
NVNT	n40	5550	Ant2	12.08	0.55	12.63	<=22.51	Pass
NVNT	n40	5550	Sum	15.27	0.55	15.82	<=22.51	Pass
NVNT	n40	5670	Ant1	11.83	0.55	12.38	<=22.51	Pass
NVNT	n40	5670	Ant2	11.33	0.55	11.88	<=22.51	Pass
NVNT	n40	5670	Sum	14.6	0.55	15.15	<=22.51	Pass

Test Graphs

Power NVNT a 5500MHz Ant1



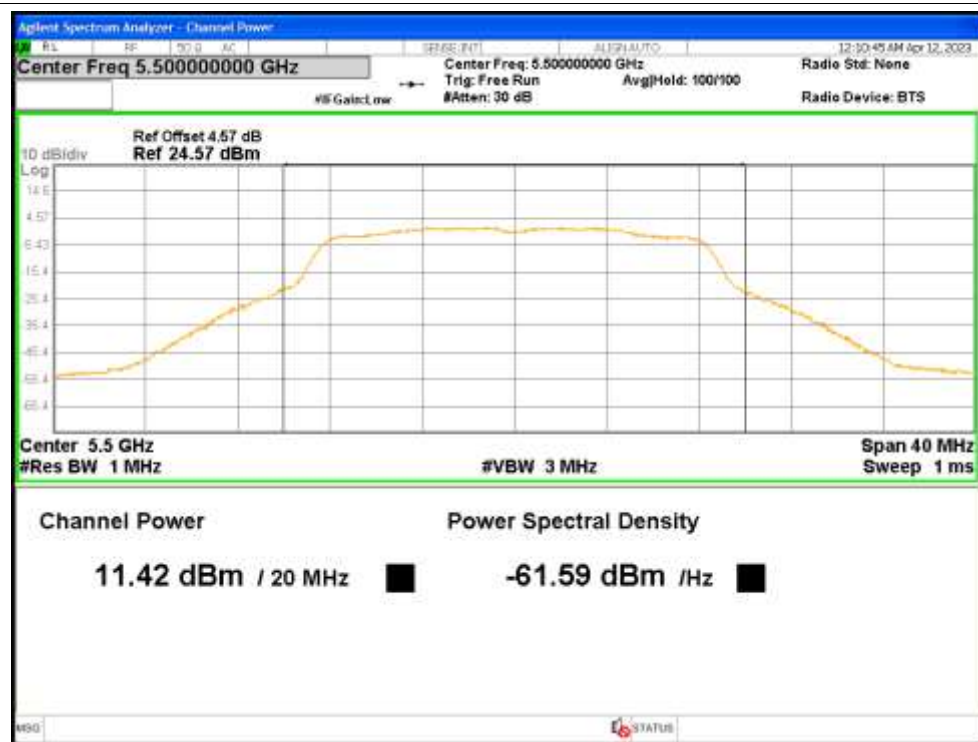
Power NVNT a 5580MHz Ant1



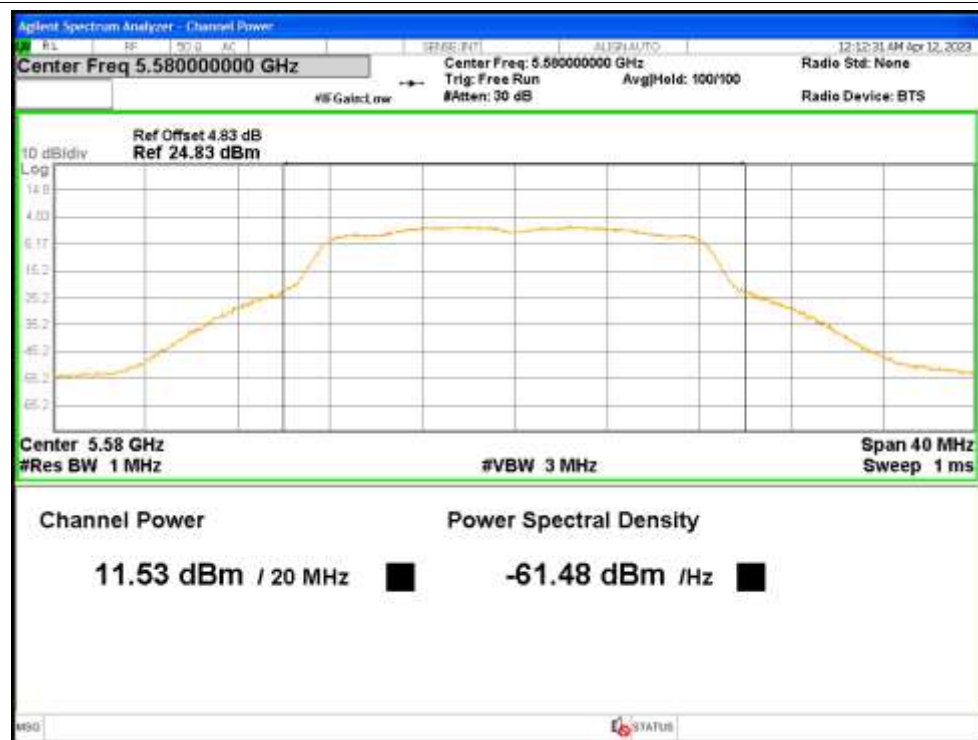
Power NVNT a 5700MHz Ant1



Power NVNT a 5500MHz Ant2



Power NVNT a 5580MHz Ant2



Power NVNT a 5700MHz Ant2



Power NVNT ac160 5570MHz Ant1



Power NVNT ac160 5570MHz Ant2



Power NVNT ac20 5500MHz Ant1



Power NVNT ac20 5500MHz Ant2



Power NVNT ac20 5580MHz Ant1



Power NVNT ac20 5580MHz Ant2



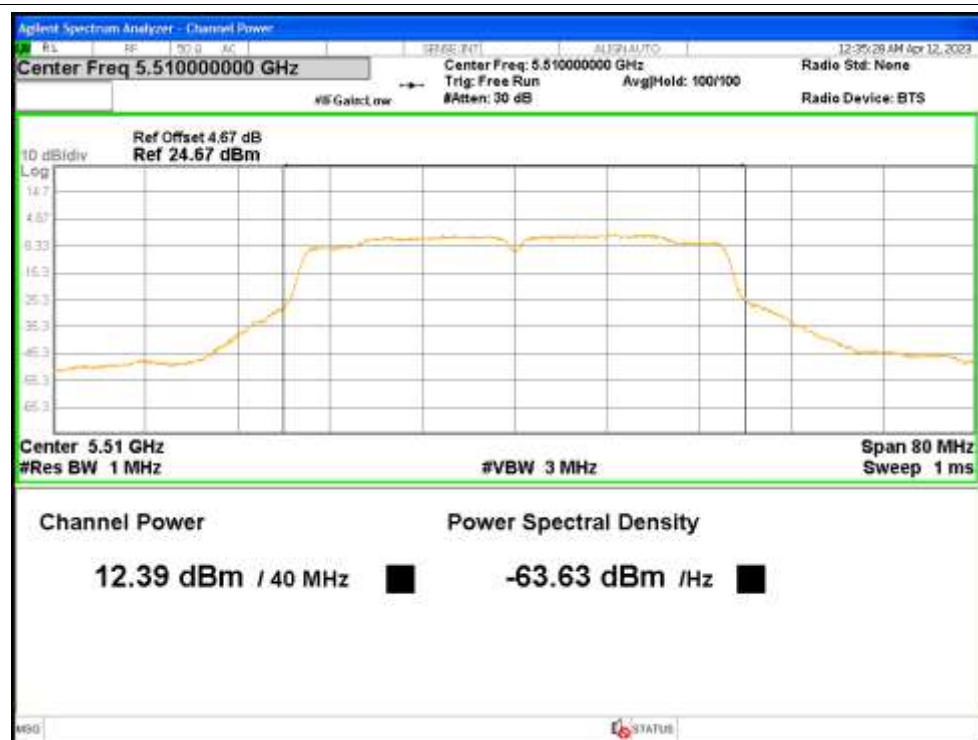
Power NVNT ac20 5700MHz Ant1



Power NVNT ac20 5700MHz Ant2



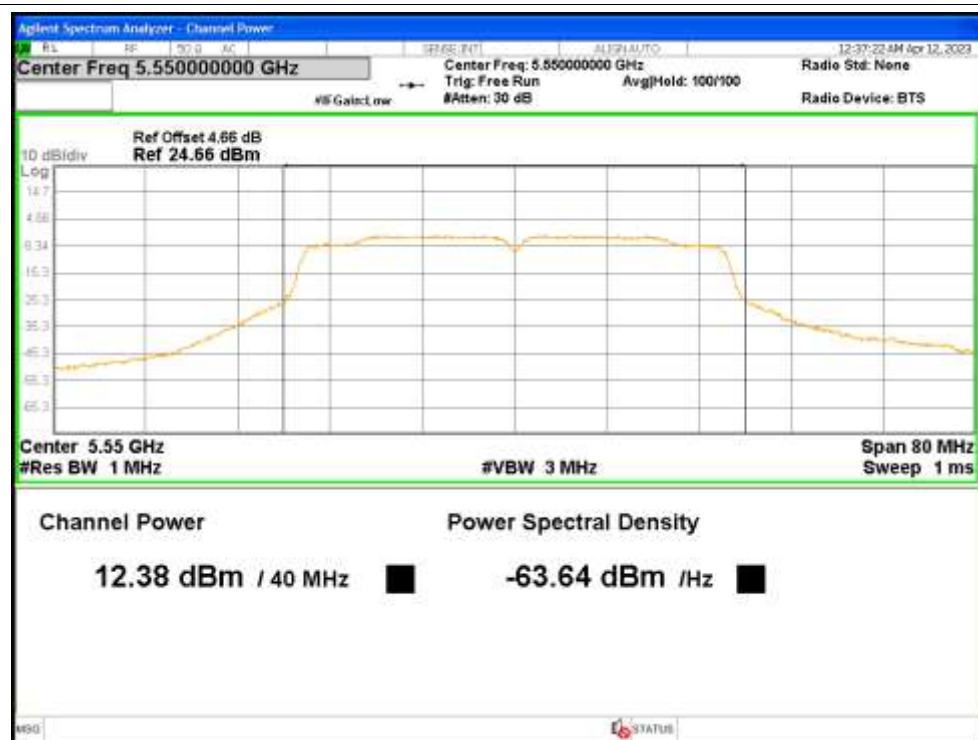
Power NVNT ac40 5510MHz Ant1



Power NVNT ac40 5510MHz Ant2



Power NVNT ac40 5550MHz Ant1



Power NVNT ac40 5550MHz Ant2



Power NVNT ac40 5670MHz Ant1



Power NVNT ac40 5670MHz Ant2



Power NVNT ac80 5530MHz Ant1



Power NVNT ac80 5530MHz Ant2



Power NVNT ac80 5610MHz Ant1



Power NVNT ac80 5610MHz Ant2



Power NVNT ax160 5570MHz Ant1



Power NVNT ax160 5570MHz Ant2



Power NVNT ax20 5500MHz Ant1



Power NVNT ax20 5500MHz Ant2



Power NVNT ax20 5580MHz Ant1



Power NVNT ax20 5580MHz Ant2



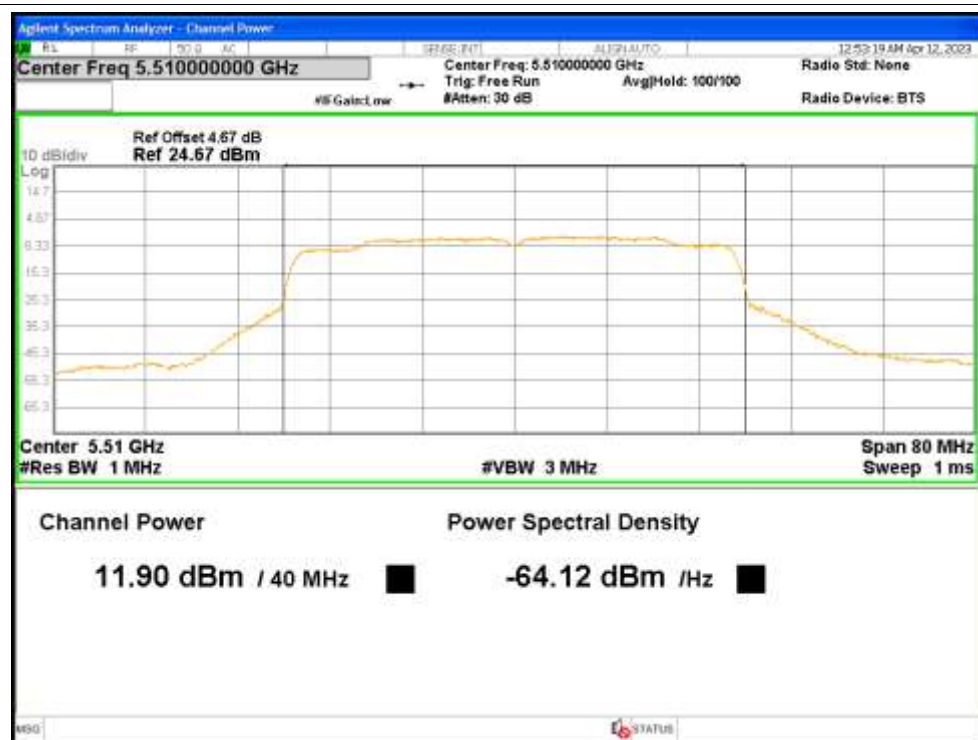
Power NVNT ax20 5700MHz Ant1



Power NVNT ax20 5700MHz Ant2



Power NVNT ax40 5510MHz Ant1



Power NVNT ax40 5510MHz Ant2



Power NVNT ax40 5550MHz Ant1



Power NVNT ax40 5550MHz Ant2



Power NVNT ax40 5670MHz Ant1



Power NVNT ax40 5670MHz Ant2



Power NVNT ax80 5530MHz Ant1



Power NVNT ax80 5530MHz Ant2



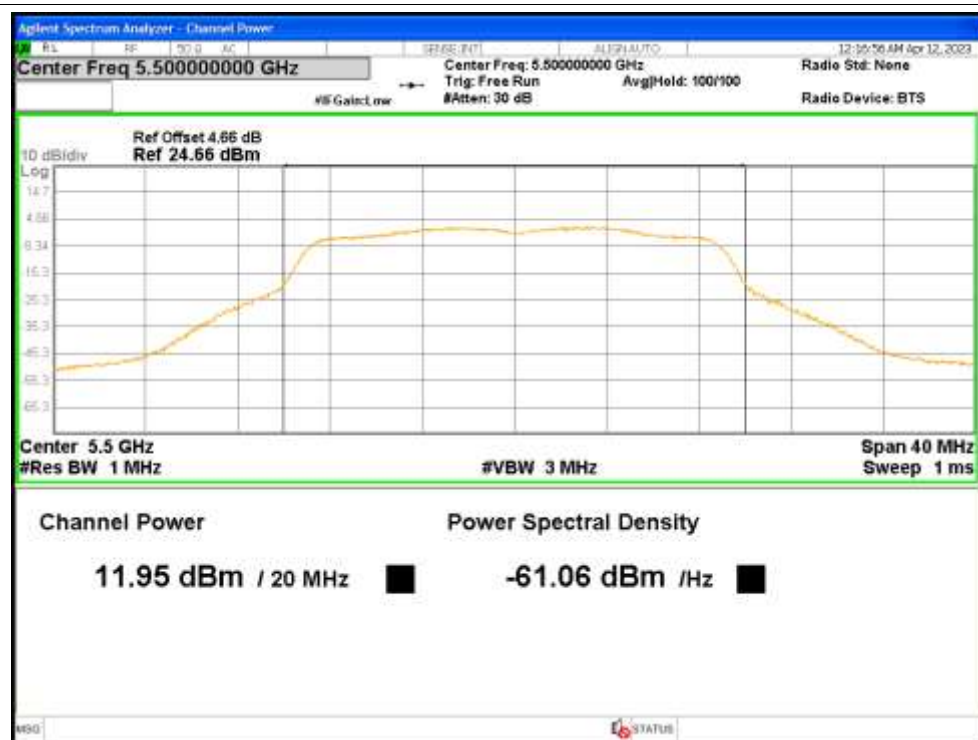
Power NVNT ax80 5610MHz Ant1



Power NVNT ax80 5610MHz Ant2



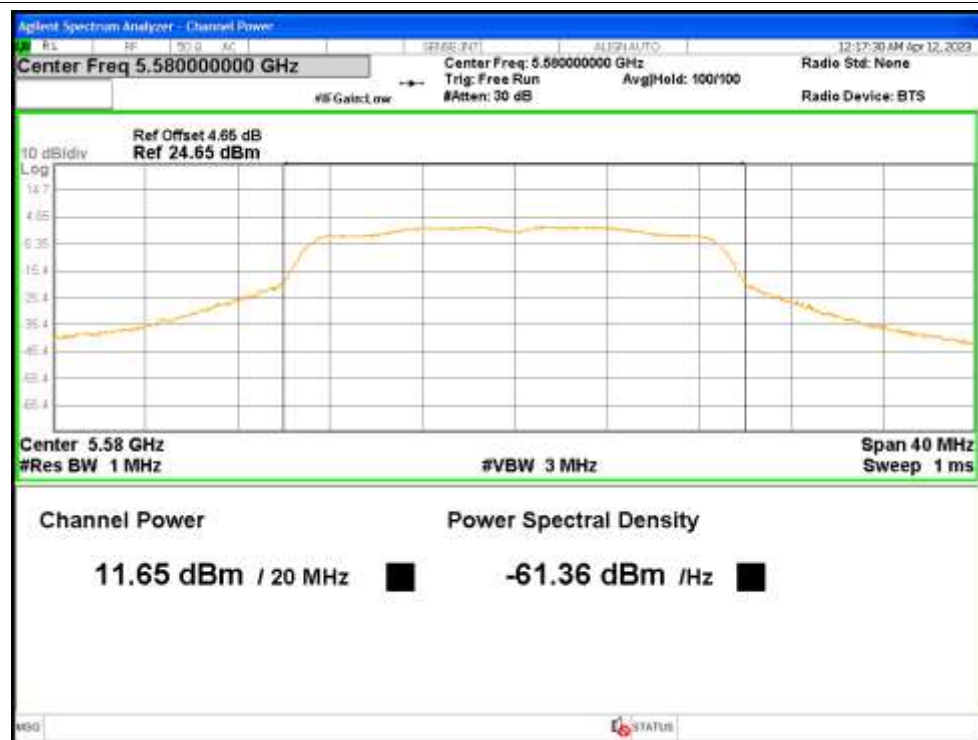
Power NVNT n20 5500MHz Ant1



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



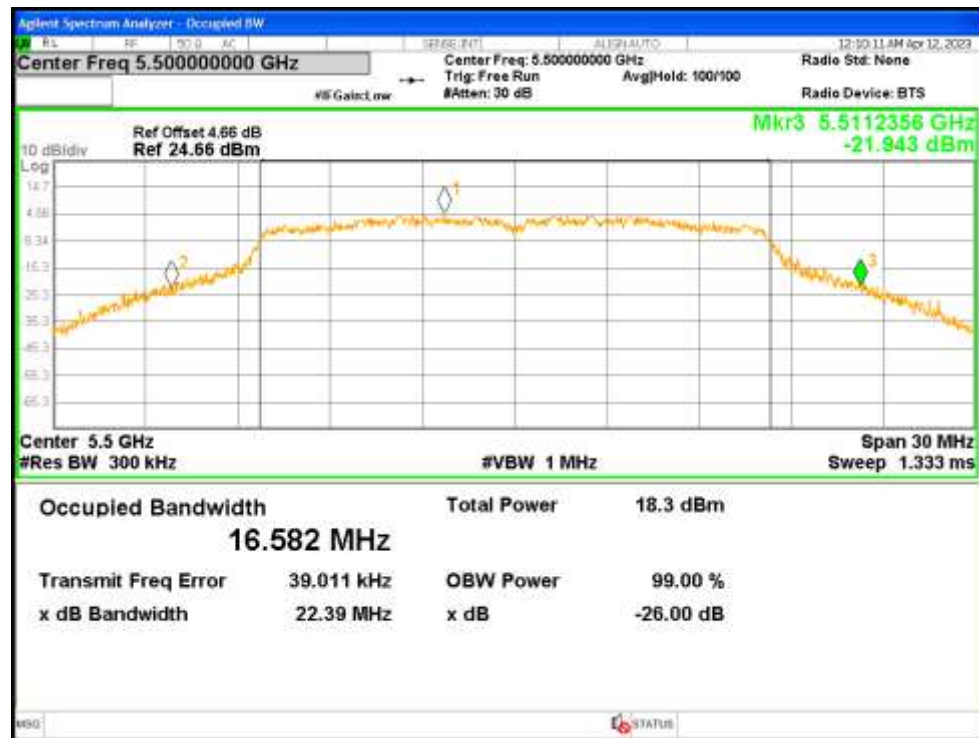
3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	22.3931	Pass
NVNT	a	5580	Ant1	23.8365	Pass
NVNT	a	5700	Ant1	23.8676	Pass
NVNT	a	5500	Ant2	22.7213	Pass
NVNT	a	5580	Ant2	23.0372	Pass
NVNT	a	5700	Ant2	22.4195	Pass
NVNT	ac160	5570	Ant1	162.3482	Pass
NVNT	ac160	5570	Ant2	163.6025	Pass
NVNT	ac20	5500	Ant1	22.7669	Pass
NVNT	ac20	5500	Ant2	22.8933	Pass
NVNT	ac20	5580	Ant1	24.6165	Pass
NVNT	ac20	5580	Ant2	22.7101	Pass
NVNT	ac20	5700	Ant1	23.8551	Pass
NVNT	ac20	5700	Ant2	23.0248	Pass
NVNT	ac40	5510	Ant1	42.4534	Pass
NVNT	ac40	5510	Ant2	41.4783	Pass
NVNT	ac40	5550	Ant1	42.1246	Pass
NVNT	ac40	5550	Ant2	41.3303	Pass
NVNT	ac40	5670	Ant1	41.3216	Pass
NVNT	ac40	5670	Ant2	41.5712	Pass
NVNT	ac80	5530	Ant1	86.1261	Pass
NVNT	ac80	5530	Ant2	82.1912	Pass
NVNT	ac80	5610	Ant1	87.2038	Pass
NVNT	ac80	5610	Ant2	81.7909	Pass
NVNT	ax160	5570	Ant1	160.2085	Pass
NVNT	ax160	5570	Ant2	159.6488	Pass
NVNT	ax20	5500	Ant1	22.4281	Pass
NVNT	ax20	5500	Ant2	22.5902	Pass
NVNT	ax20	5580	Ant1	23.6319	Pass
NVNT	ax20	5580	Ant2	23.0291	Pass
NVNT	ax20	5700	Ant1	23.8945	Pass
NVNT	ax20	5700	Ant2	21.9453	Pass
NVNT	ax40	5510	Ant1	41.4175	Pass
NVNT	ax40	5510	Ant2	41.145	Pass
NVNT	ax40	5550	Ant1	43.237	Pass
NVNT	ax40	5550	Ant2	41.2216	Pass
NVNT	ax40	5670	Ant1	42.0942	Pass
NVNT	ax40	5670	Ant2	41.6334	Pass
NVNT	ax80	5530	Ant1	80.5084	Pass
NVNT	ax80	5530	Ant2	80.2608	Pass

NVNT	ax80	5610	Ant1	84.6716	Pass
NVNT	ax80	5610	Ant2	81.2974	Pass
NVNT	n20	5500	Ant1	22.8927	Pass
NVNT	n20	5500	Ant2	22.5867	Pass
NVNT	n20	5580	Ant1	23.7449	Pass
NVNT	n20	5580	Ant2	23.6597	Pass
NVNT	n20	5700	Ant1	24.2595	Pass
NVNT	n20	5700	Ant2	22.765	Pass
NVNT	n40	5510	Ant1	41.2202	Pass
NVNT	n40	5510	Ant2	41.4307	Pass
NVNT	n40	5550	Ant1	41.4861	Pass
NVNT	n40	5550	Ant2	41.5706	Pass
NVNT	n40	5670	Ant1	43.7401	Pass
NVNT	n40	5670	Ant2	40.7063	Pass

Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant1



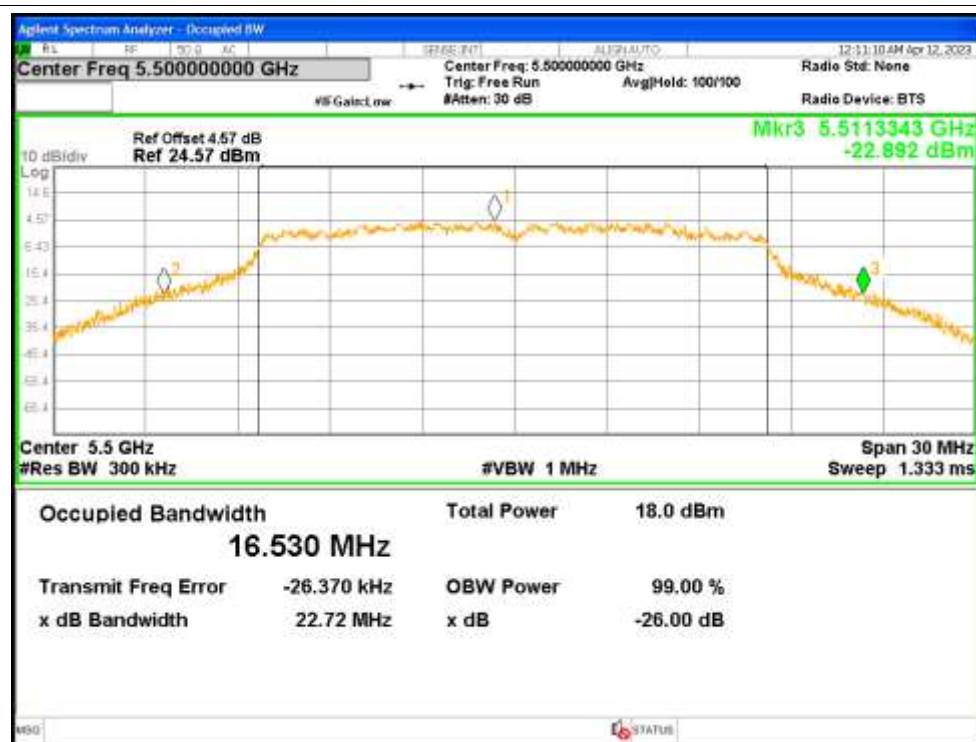
-26dB Bandwidth NVNT a 5580MHz Ant1



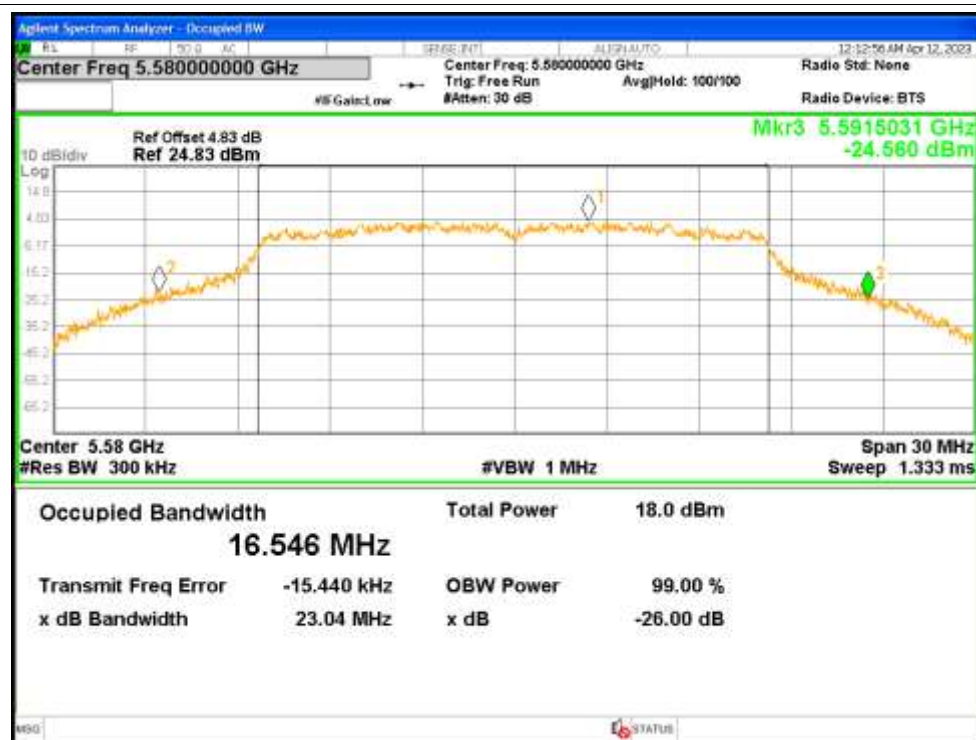
-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT a 5500MHz Ant2



-26dB Bandwidth NVNT a 5580MHz Ant2



-26dB Bandwidth NVNT a 5700MHz Ant2



-26dB Bandwidth NVNT ac160 5570MHz Ant1



-26dB Bandwidth NVNT ac160 5570MHz Ant2



-26dB Bandwidth NVNT ac20 5500MHz Ant1



-26dB Bandwidth NVNT ac20 5500MHz Ant2



-26dB Bandwidth NVNT ac20 5580MHz Ant1



-26dB Bandwidth NVNT ac20 5580MHz Ant2



-26dB Bandwidth NVNT ac20 5700MHz Ant1



-26dB Bandwidth NVNT ac20 5700MHz Ant2



-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5510MHz Ant2



-26dB Bandwidth NVNT ac40 5550MHz Ant1



-26dB Bandwidth NVNT ac40 5550MHz Ant2



-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ac40 5670MHz Ant2



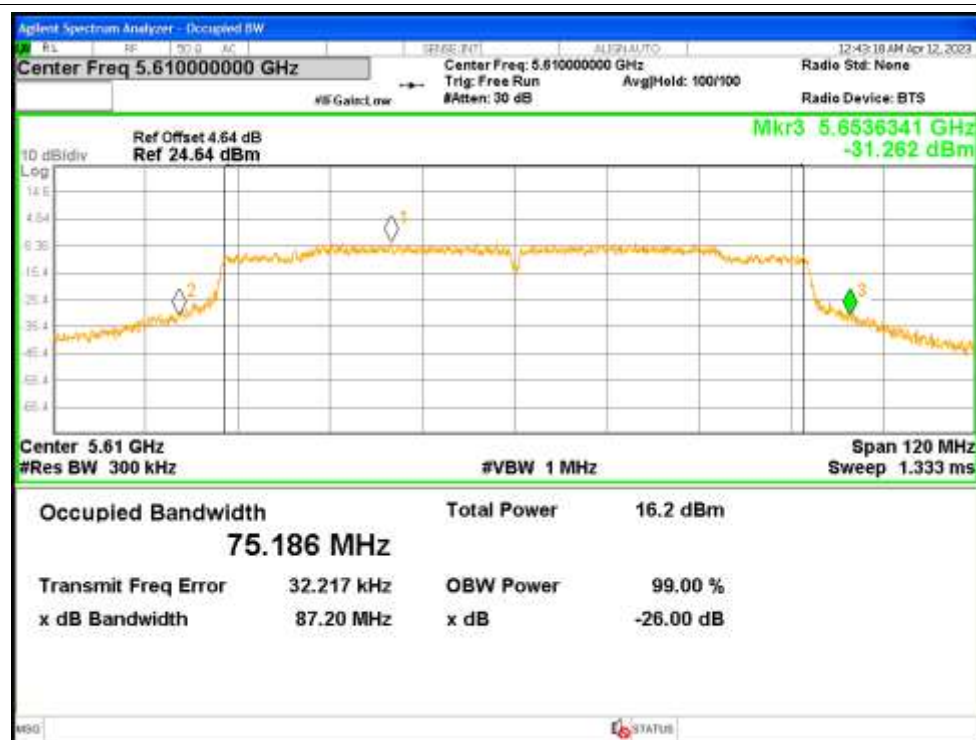
-26dB Bandwidth NVNT ac80 5530MHz Ant1



-26dB Bandwidth NVNT ac80 5530MHz Ant2



-26dB Bandwidth NVNT ac80 5610MHz Ant1



-26dB Bandwidth NVNT ac80 5610MHz Ant2



-26dB Bandwidth NVNT ax160 5570MHz Ant1



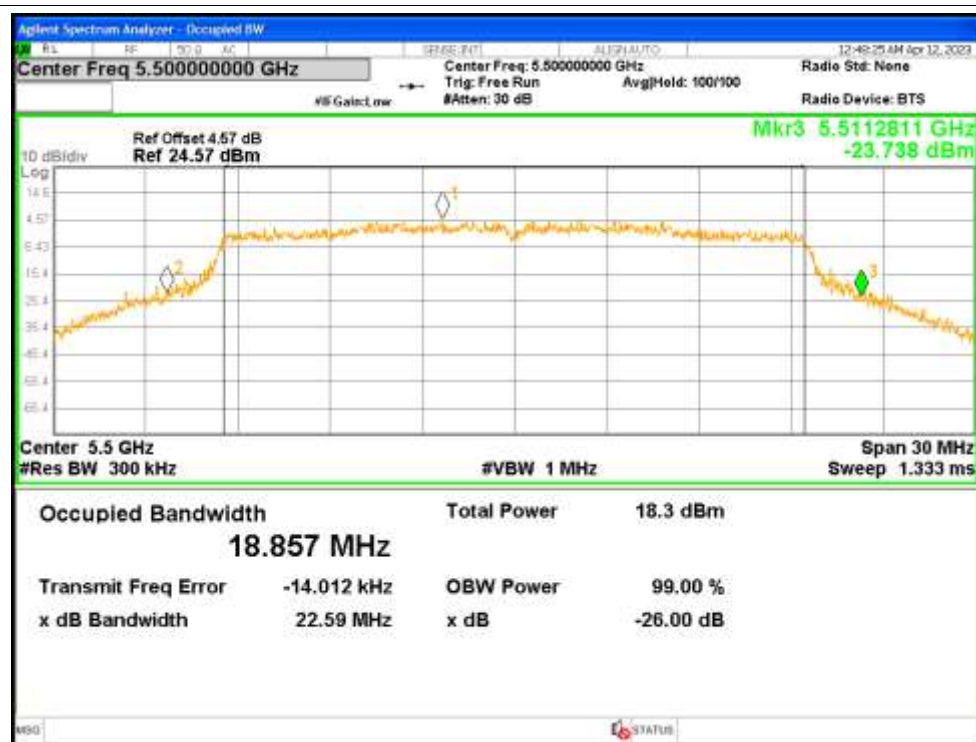
-26dB Bandwidth NVNT ax160 5570MHz Ant2



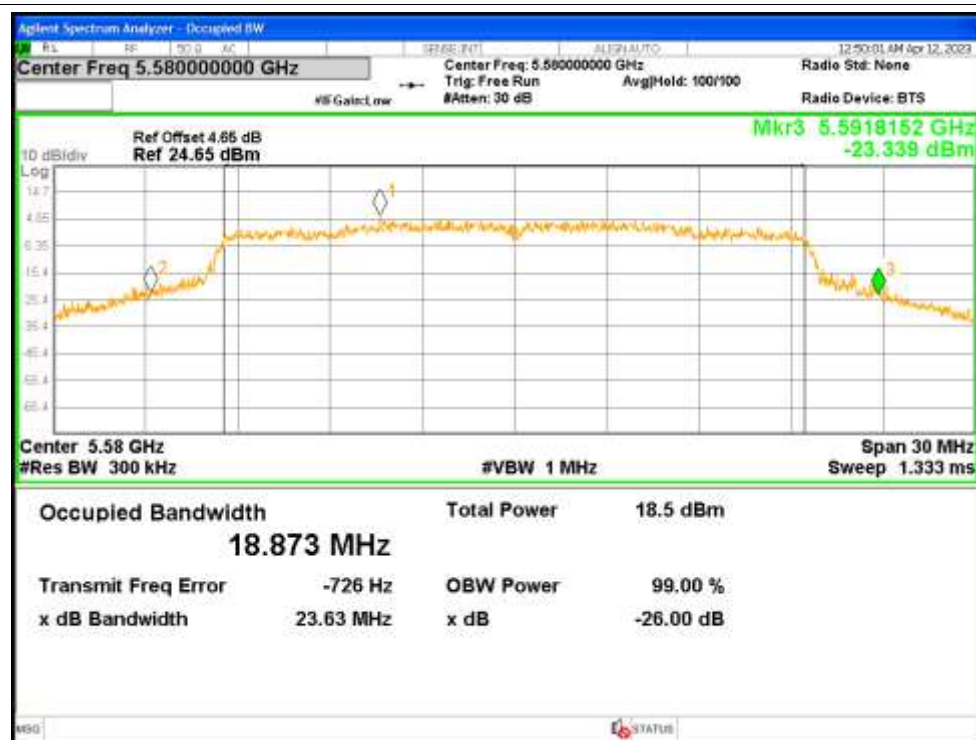
-26dB Bandwidth NVNT ax20 5500MHz Ant1



-26dB Bandwidth NVNT ax20 5500MHz Ant2



-26dB Bandwidth NVNT ax20 5580MHz Ant1



-26dB Bandwidth NVNT ax20 5580MHz Ant2



-26dB Bandwidth NVNT ax20 5700MHz Ant1



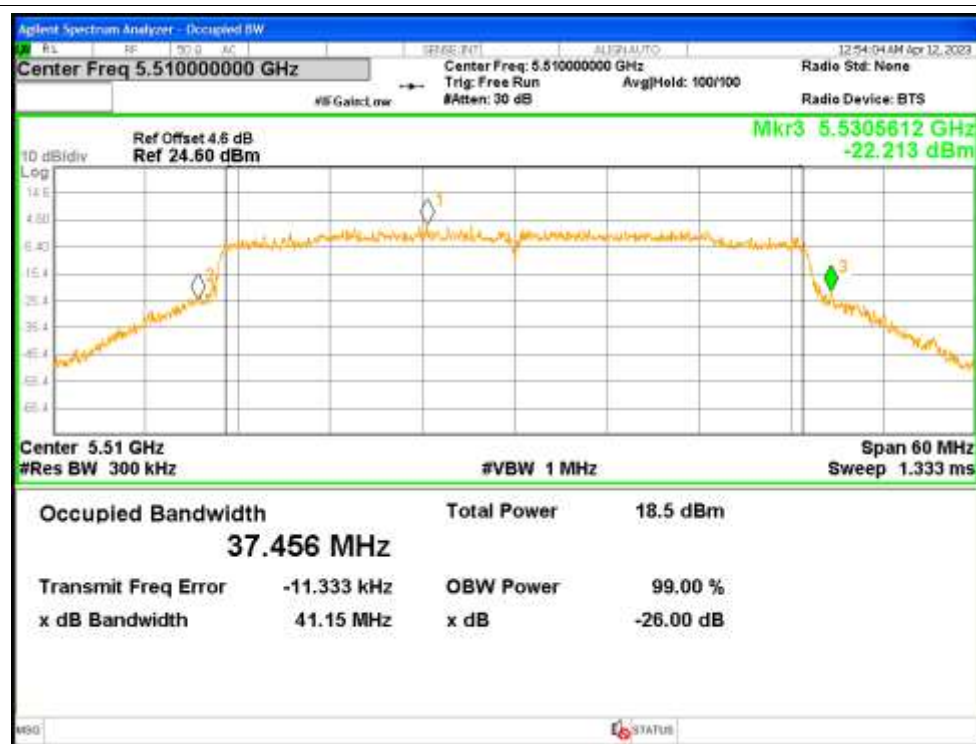
-26dB Bandwidth NVNT ax20 5700MHz Ant2



-26dB Bandwidth NVNT ax40 5510MHz Ant1



-26dB Bandwidth NVNT ax40 5510MHz Ant2



-26dB Bandwidth NVNT ax40 5550MHz Ant1



-26dB Bandwidth NVNT ax40 5550MHz Ant2



-26dB Bandwidth NVNT ax40 5670MHz Ant1



-26dB Bandwidth NVNT ax40 5670MHz Ant2

