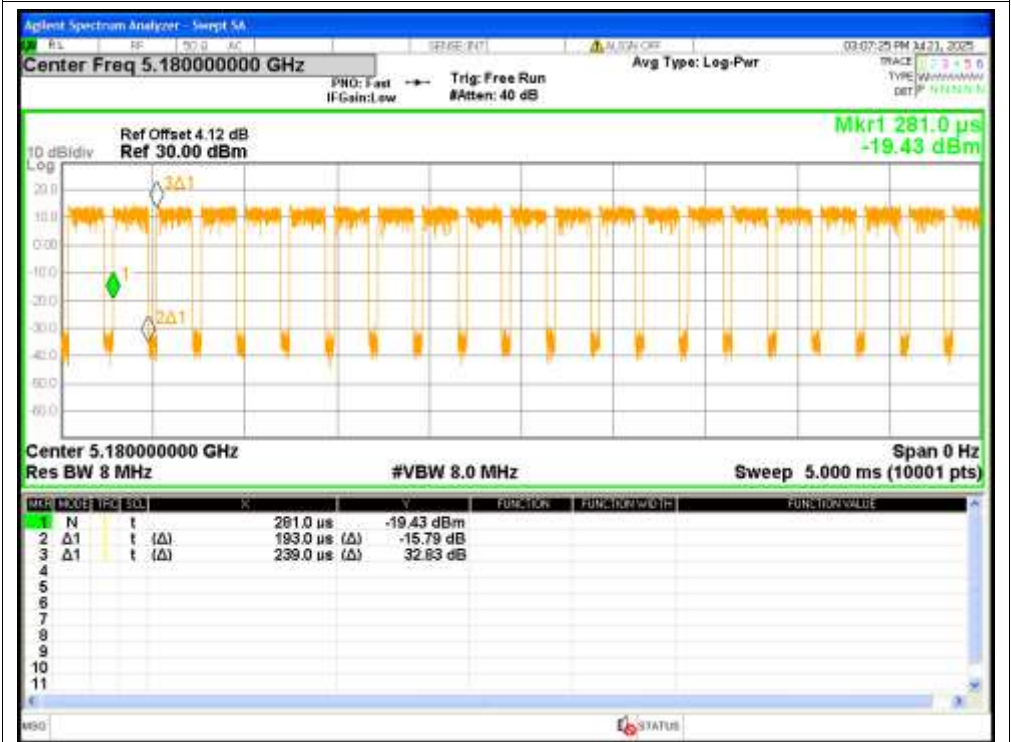


Duty Cycle

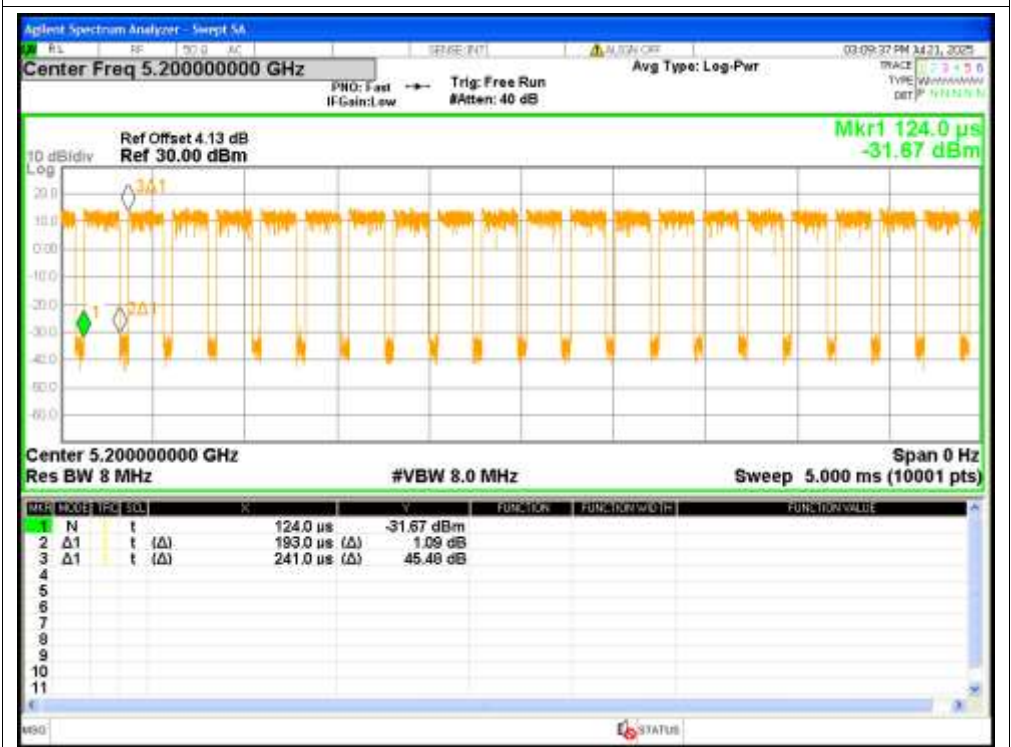
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	0.193	0.239	80.75	0.93	5.19
NVNT	a	5200	Ant1	0.193	0.241	80.08	0.96	5.21
NVNT	a	5240	Ant1	0.192	0.239	80.33	0.95	5.19
NVNT	a	5180	Ant2	0.193	0.24	80.42	0.95	5.19
NVNT	a	5200	Ant2	0.193	0.24	80.42	0.95	5.19
NVNT	a	5240	Ant2	0.192	0.239	80.33	0.95	5.21
NVNT	n20	5180	MIMO	0.352	0.4	88	0.56	2.84
NVNT	n20	5200	MIMO	0.352	0.4	88	0.56	2.84
NVNT	n20	5240	MIMO	0.353	0.4	88.25	0.54	2.84
NVNT	n40	5190	MIMO	0.341	0.39	87.44	0.58	2.94
NVNT	n40	5230	MIMO	0.341	0.388	87.89	0.56	2.94
NVNT	ac20	5180	MIMO	0.32	0.369	86.72	0.62	3.12
NVNT	ac20	5200	MIMO	0.32	0.369	86.72	0.62	3.13
NVNT	ac20	5240	MIMO	0.321	0.369	86.99	0.61	3.12
NVNT	ac40	5190	MIMO	0.301	0.352	85.51	0.68	3.33
NVNT	ac40	5230	MIMO	0.3	0.348	86.21	0.64	3.33
NVNT	ac80	5210	MIMO	0.288	0.339	84.96	0.71	3.47

Test Graphs

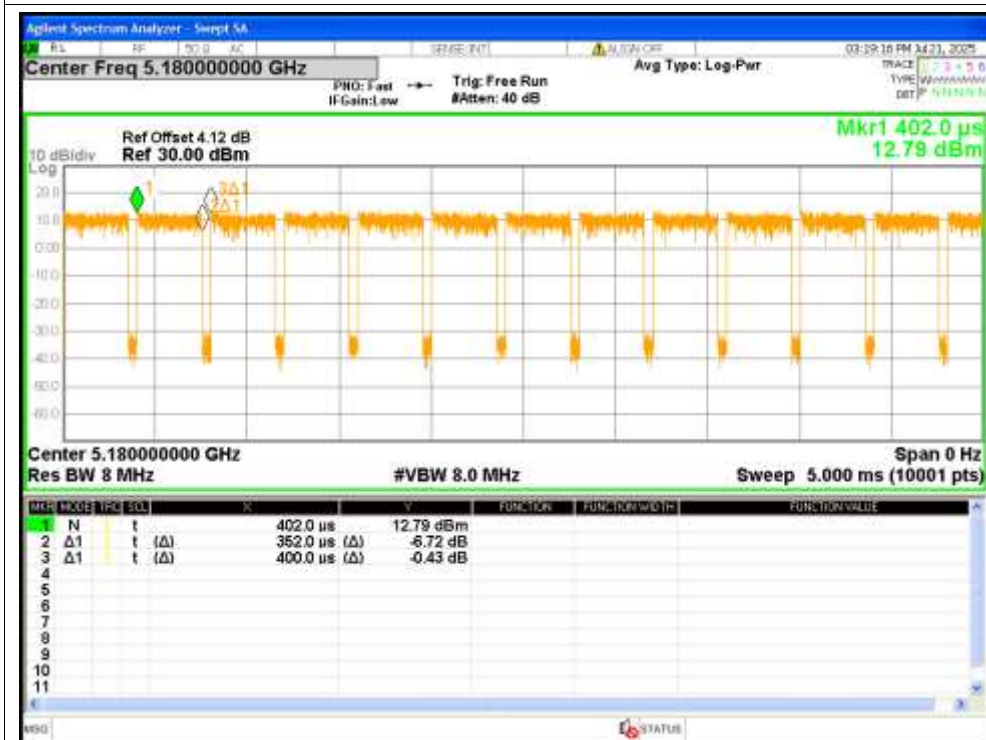
Duty Cycle NVNT a 5180MHz Ant1



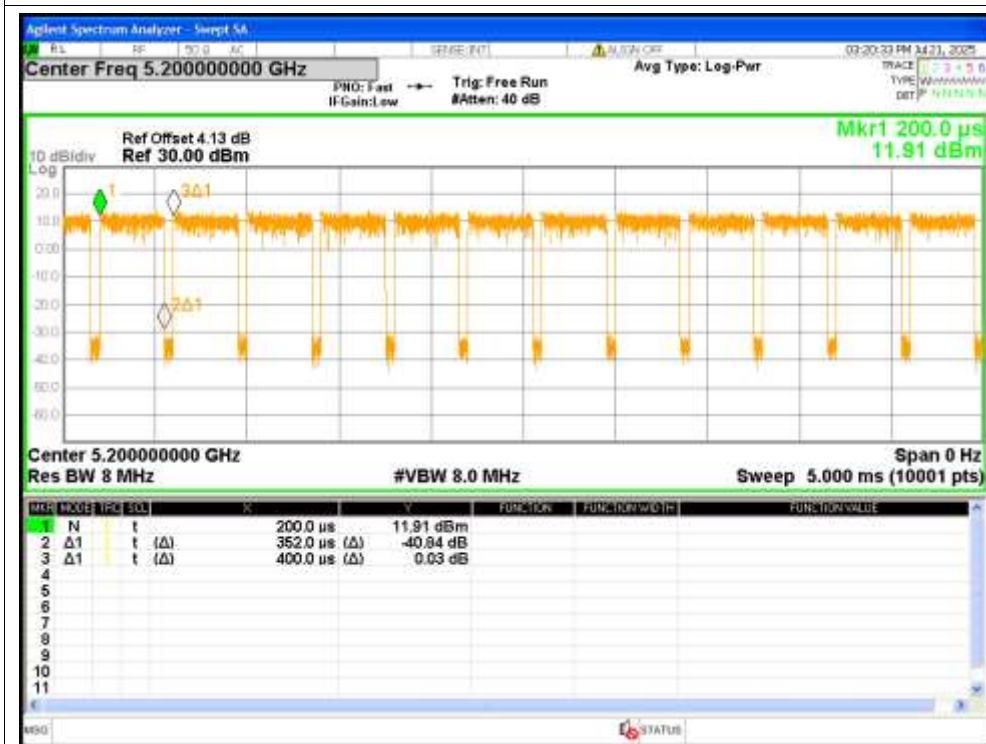
Duty Cycle NVNT a 5200MHz Ant1



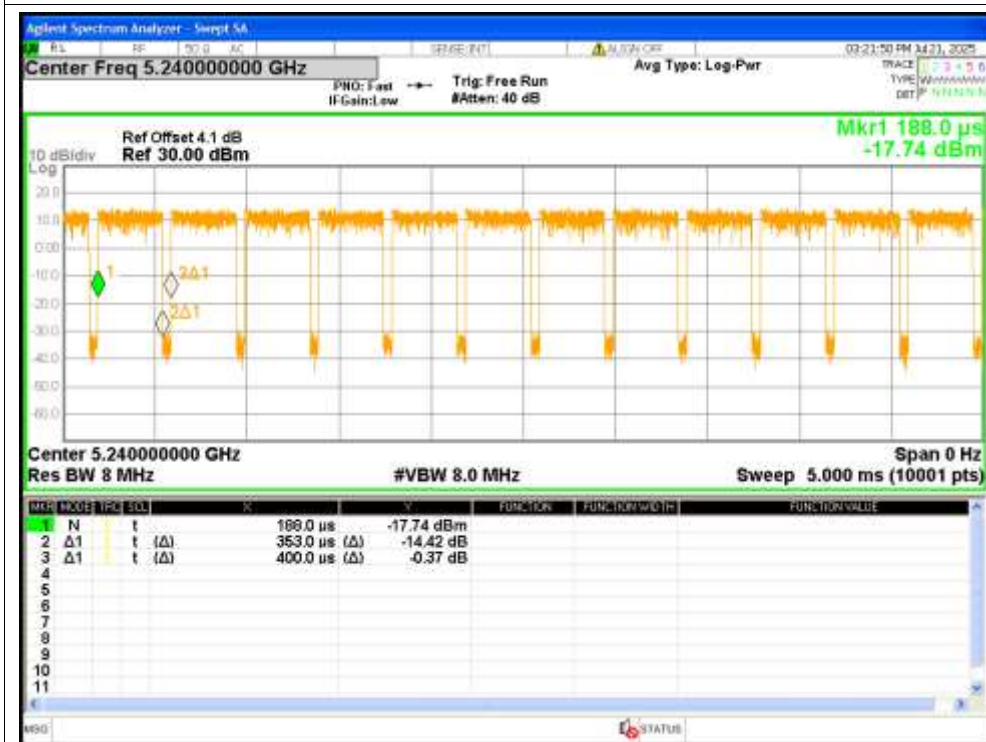
Duty Cycle NVNT n20 5180MHz MIMO



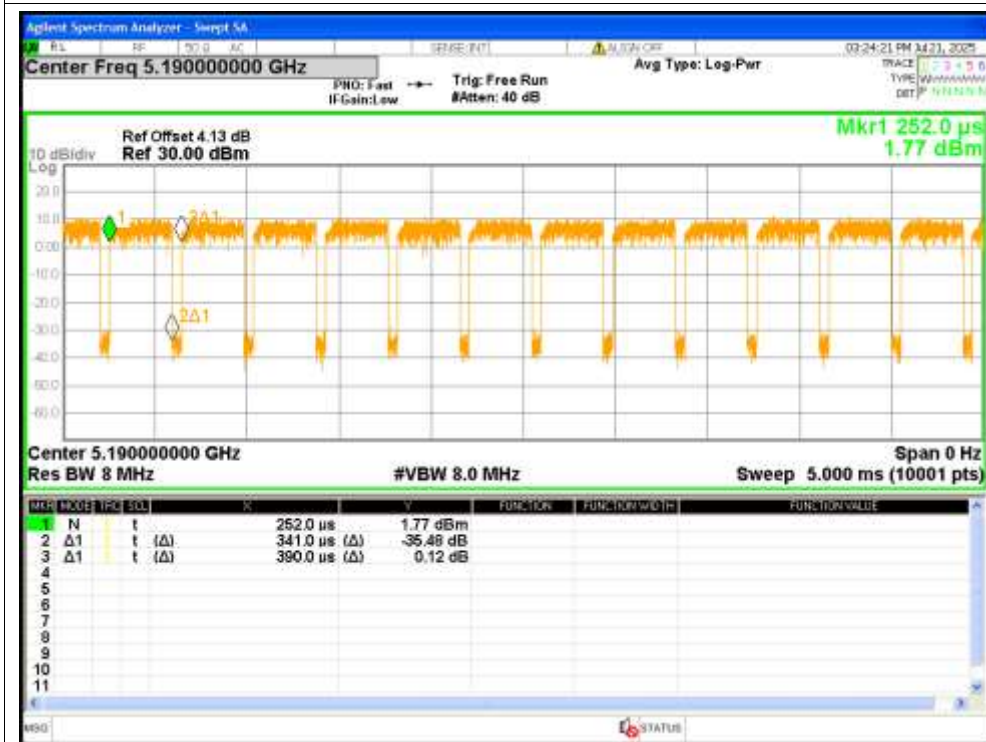
Duty Cycle NVNT n20 5200MHz MIMO



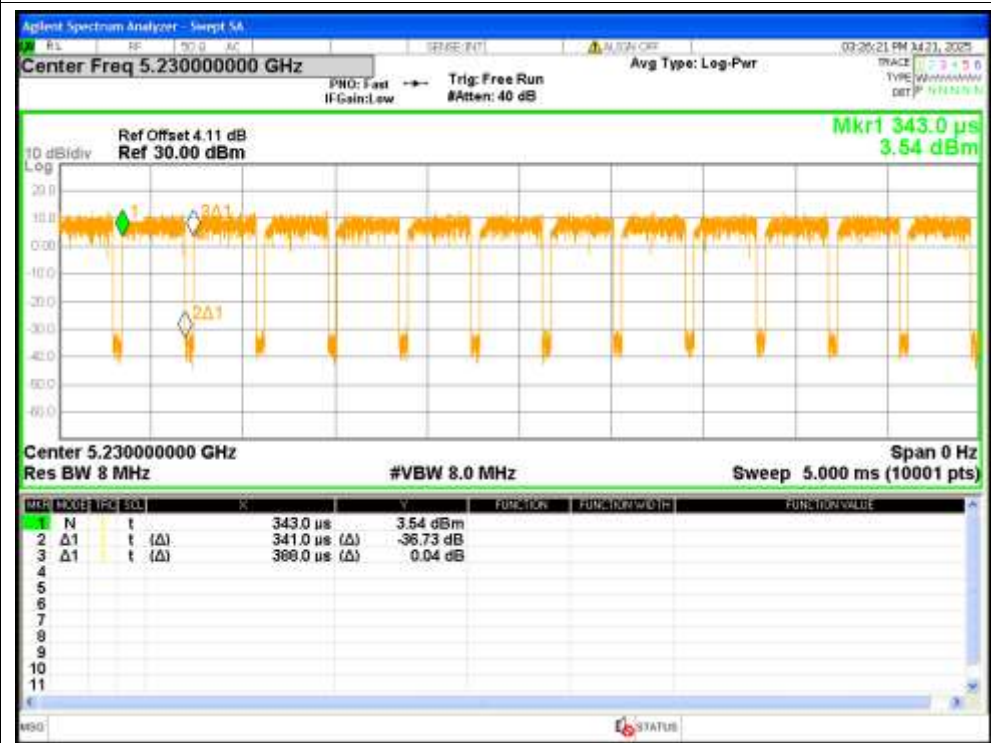
Duty Cycle NVNT n20 5240MHz MIMO



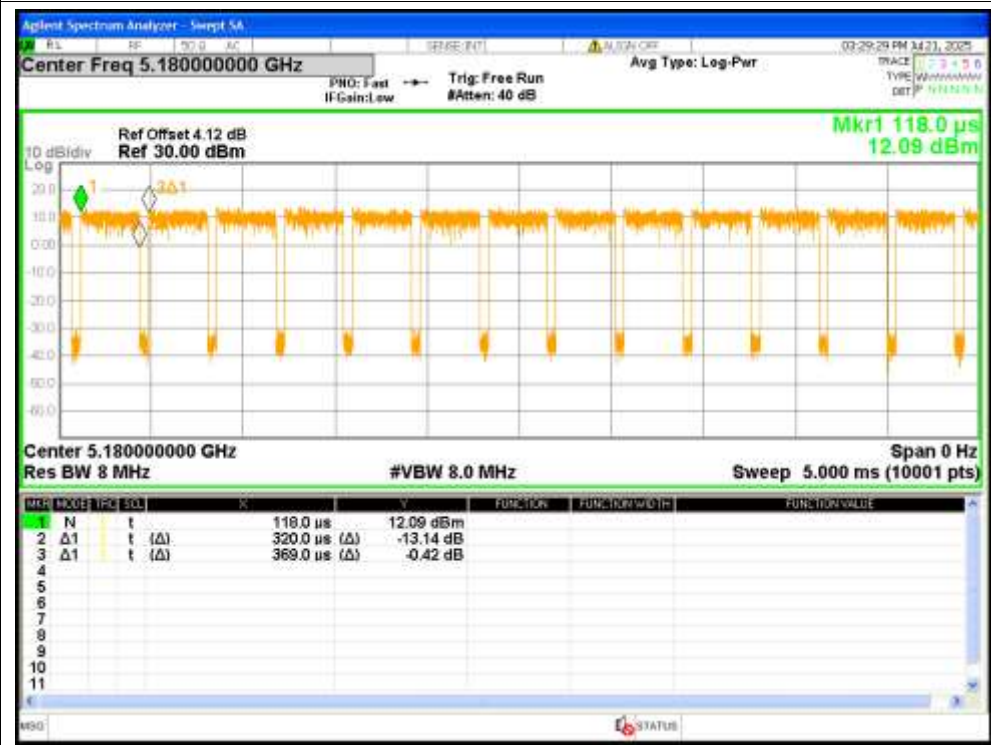
Duty Cycle NVNT n40 5190MHz MIMO



Duty Cycle NVNT n40 5230MHz MIMO



Duty Cycle NVNT ac20 5180MHz MIMO



Duty Cycle NVNT ac20 5200MHz MIMO

Duty Cycle NVNT ac40 5190MHz MIMO

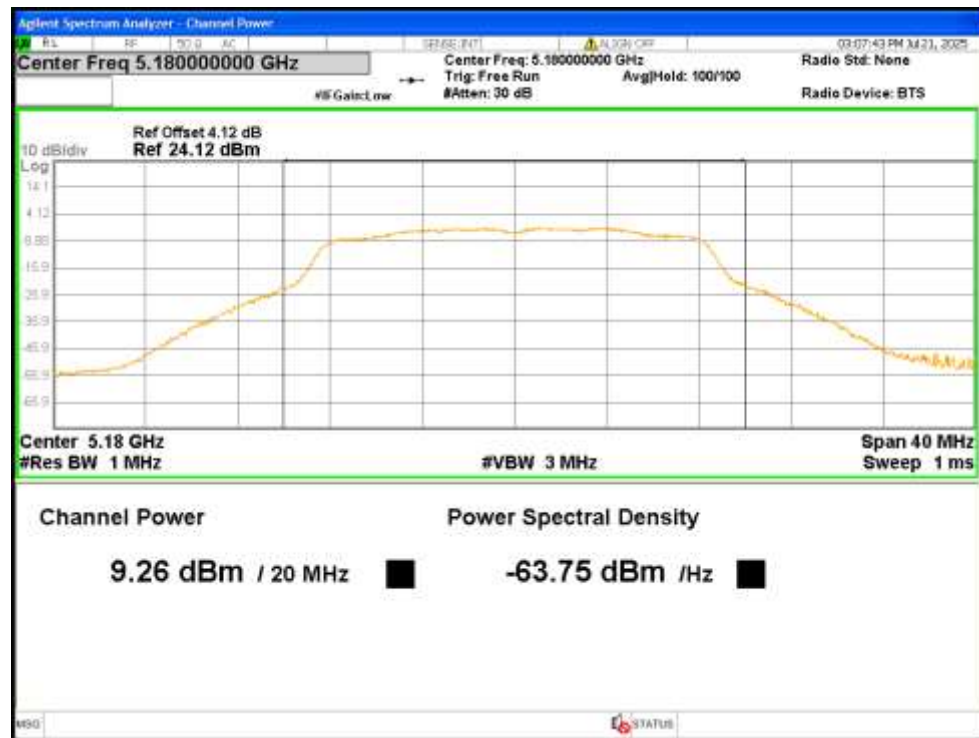
Duty Cycle NVNT ac80 5210MHz MIMO

Maximum Output Power

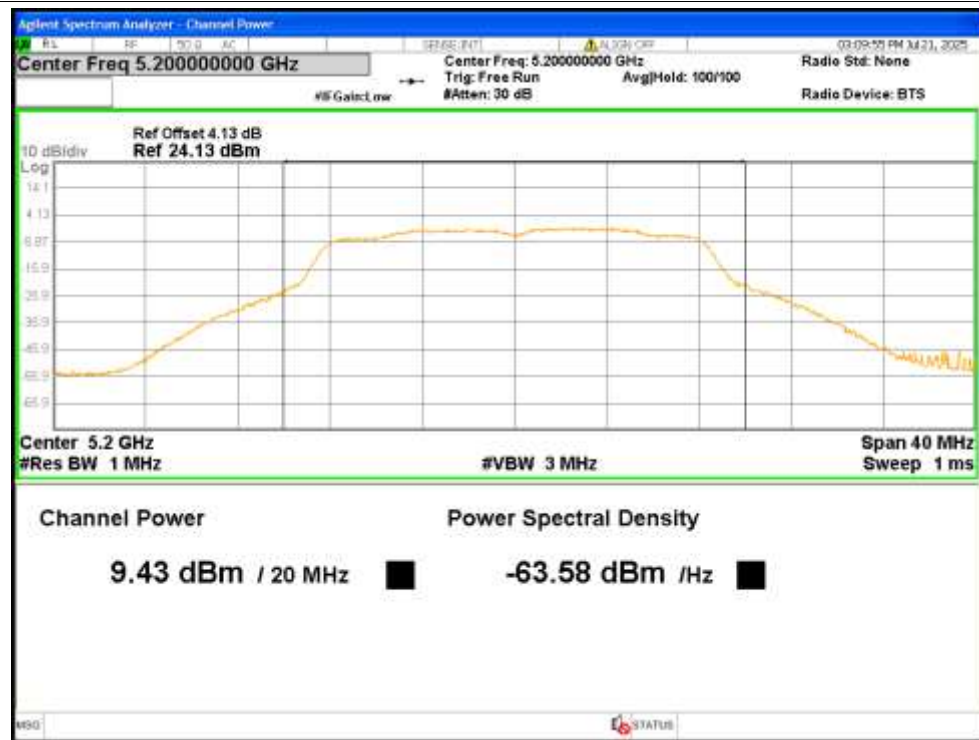
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	9.26	0.93	10.19	<=24	Pass
NVNT	a	5200	Ant1	9.43	0.96	10.39	<=24	Pass
NVNT	a	5240	Ant1	10.24	0.95	11.19	<=24	Pass
NVNT	a	5180	Ant2	8.34	0.95	9.29	<=24	Pass
NVNT	a	5200	Ant2	8.55	0.95	9.5	<=24	Pass
NVNT	a	5240	Ant2	8.97	0.95	9.92	<=24	Pass
NVNT	n20	5180	Ant1	8.52	0.56	9.08	<=24	Pass
NVNT	n20	5180	Ant2	7.71	0.56	8.27	<=24	Pass
NVNT	n20	5180	MIMO	11.14	0.56	11.7	<=24	Pass
NVNT	n20	5200	Ant1	8.68	0.56	9.24	<=24	Pass
NVNT	n20	5200	Ant2	7.89	0.56	8.45	<=24	Pass
NVNT	n20	5200	MIMO	11.31	0.56	11.87	<=24	Pass
NVNT	n20	5240	Ant1	9.53	0.54	10.07	<=24	Pass
NVNT	n20	5240	Ant2	8.38	0.54	8.92	<=24	Pass
NVNT	n20	5240	MIMO	12	0.54	12.54	<=24	Pass
NVNT	n40	5190	Ant1	9.06	0.58	9.64	<=24	Pass
NVNT	n40	5190	Ant2	8.15	0.58	8.73	<=24	Pass
NVNT	n40	5190	MIMO	11.64	0.58	12.22	<=24	Pass
NVNT	n40	5230	Ant1	9.93	0.56	10.49	<=24	Pass
NVNT	n40	5230	Ant2	8.76	0.56	9.32	<=24	Pass
NVNT	n40	5230	MIMO	12.39	0.56	12.95	<=24	Pass
NVNT	ac20	5180	Ant1	8.43	0.62	9.05	<=24	Pass
NVNT	ac20	5180	Ant2	7.62	0.62	8.24	<=24	Pass
NVNT	ac20	5180	MIMO	11.05	0.62	11.67	<=24	Pass
NVNT	ac20	5200	Ant1	8.58	0.62	9.2	<=24	Pass
NVNT	ac20	5200	Ant2	7.82	0.62	8.44	<=24	Pass
NVNT	ac20	5200	MIMO	11.23	0.62	11.85	<=24	Pass
NVNT	ac20	5240	Ant1	9.43	0.61	10.04	<=24	Pass
NVNT	ac20	5240	Ant2	8.23	0.61	8.84	<=24	Pass
NVNT	ac20	5240	MIMO	11.88	0.61	12.49	<=24	Pass
NVNT	ac40	5190	Ant1	8.94	0.68	9.62	<=24	Pass
NVNT	ac40	5190	Ant2	8.11	0.68	8.79	<=24	Pass
NVNT	ac40	5190	MIMO	11.56	0.68	12.24	<=24	Pass
NVNT	ac40	5230	Ant1	9.85	0.64	10.49	<=24	Pass
NVNT	ac40	5230	Ant2	8.61	0.64	9.25	<=24	Pass
NVNT	ac40	5230	MIMO	12.28	0.64	12.92	<=24	Pass
NVNT	ac80	5210	Ant1	9.55	0.71	10.26	<=24	Pass
NVNT	ac80	5210	Ant2	8.46	0.71	9.17	<=24	Pass
NVNT	ac80	5210	MIMO	12.05	0.71	12.76	<=24	Pass

Test Graphs

Power NVNT a 5180MHz Ant1



Power NVNT a 5200MHz Ant1



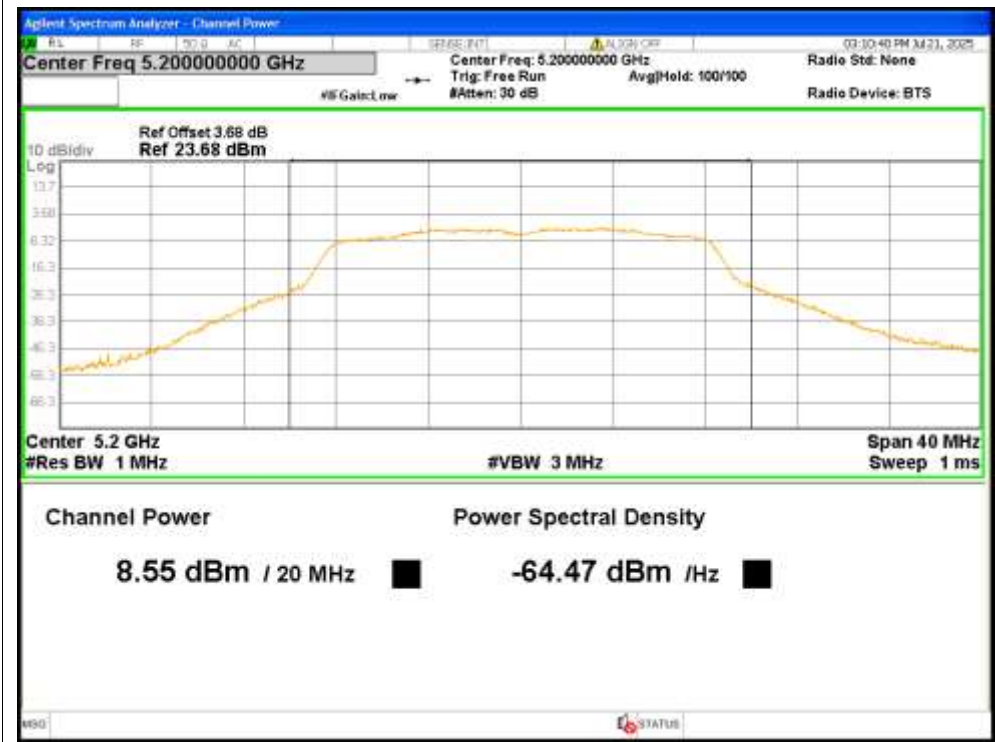
Power NVNT a 5240MHz Ant1



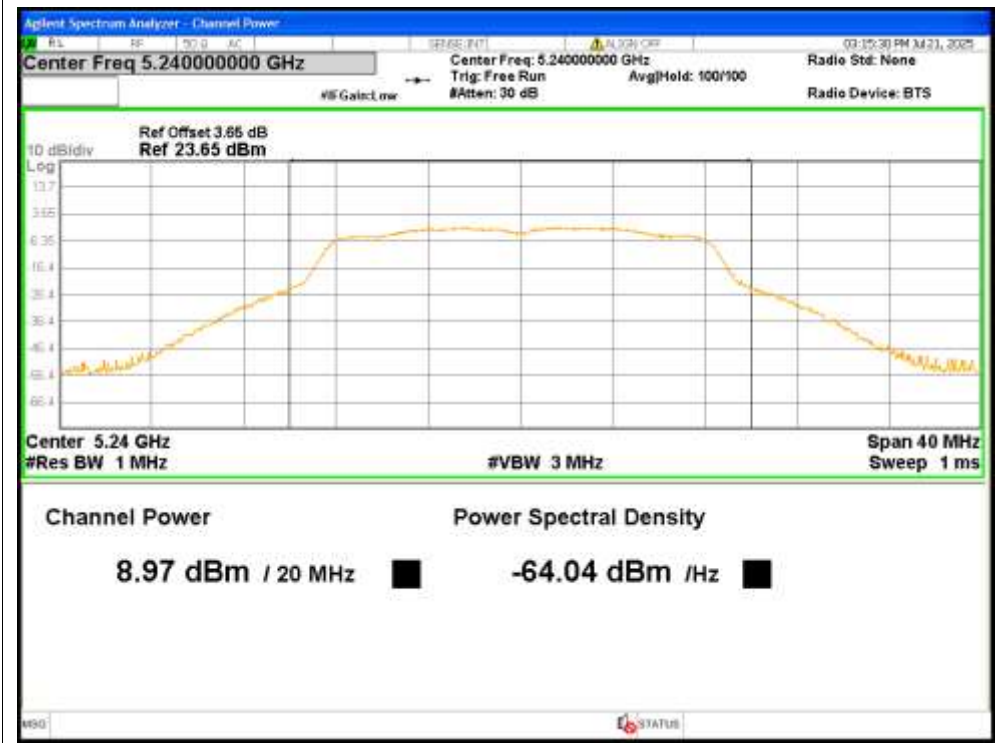
Power NVNT a 5180MHz Ant2



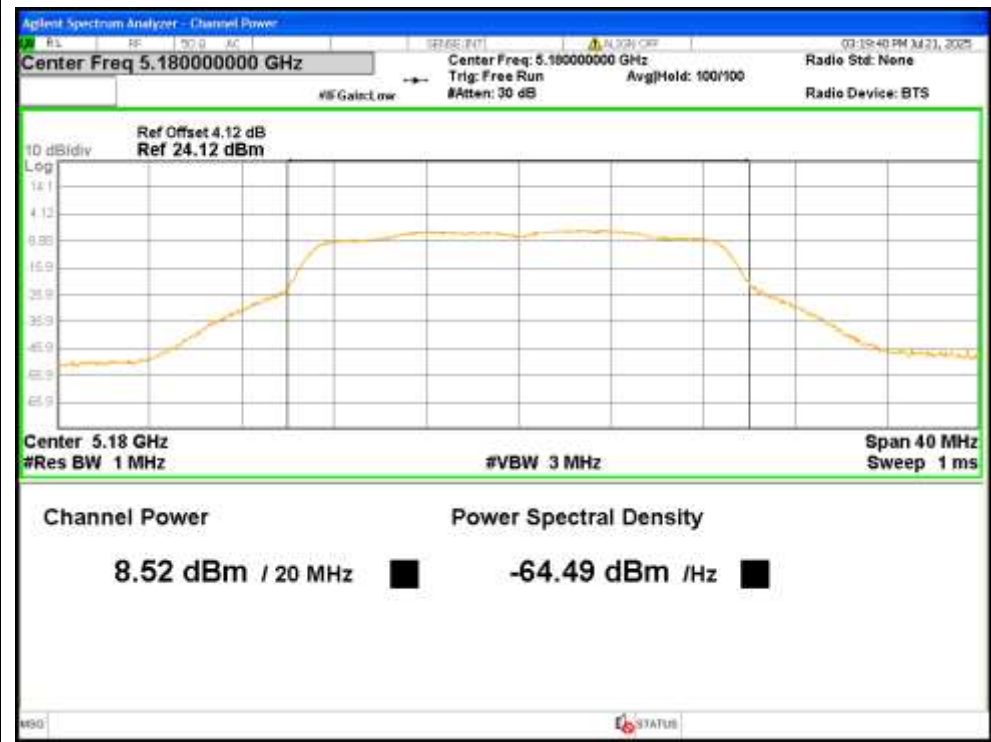
Power NVNT a 5200MHz Ant2



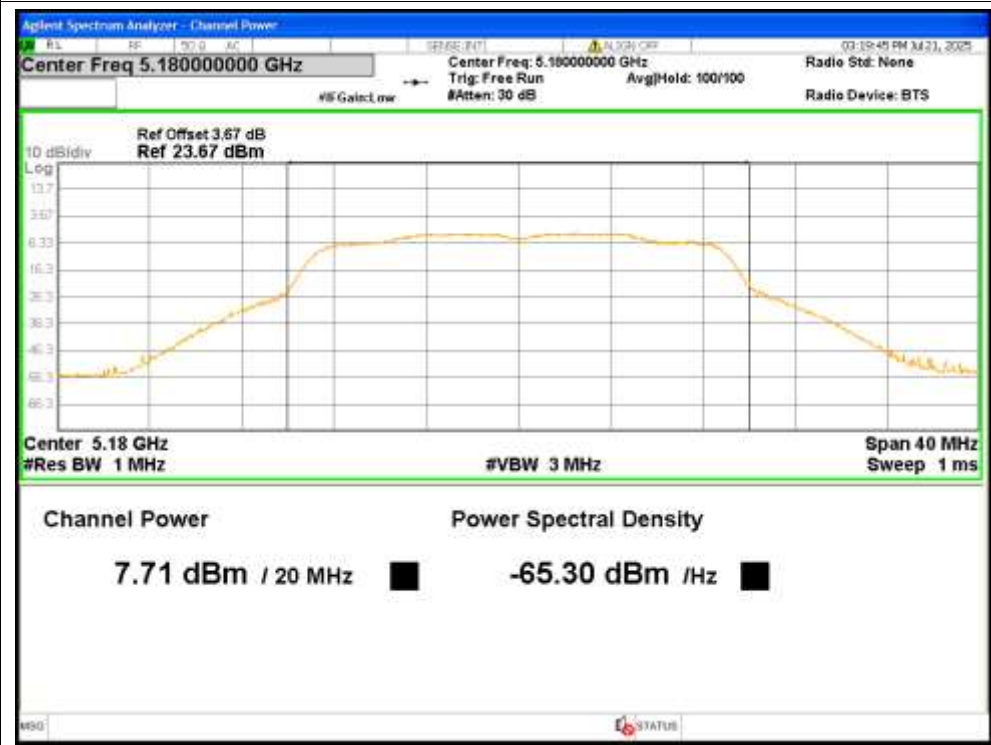
Power NVNT a 5240MHz Ant2



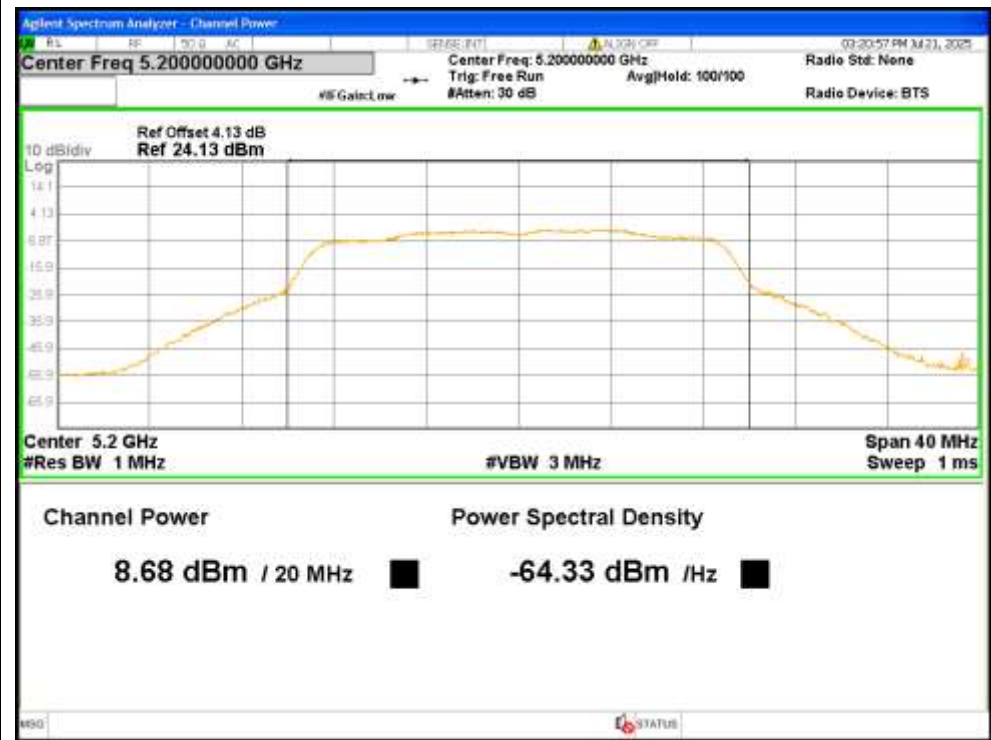
Power NVNT n20 5180MHz Ant1



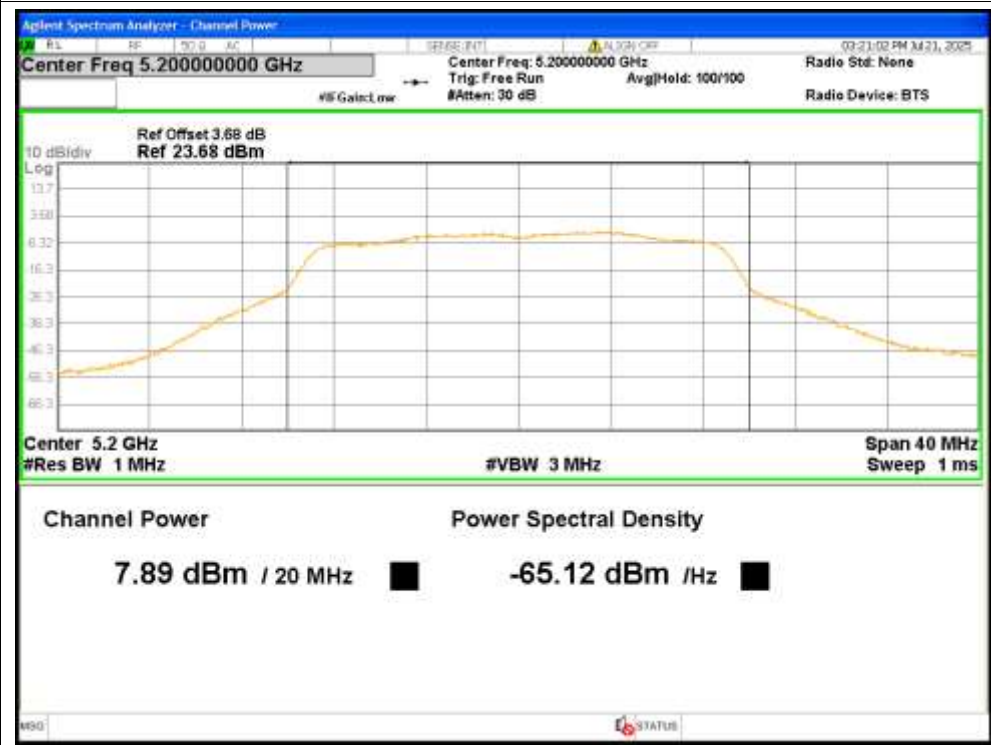
Power NVNT n20 5180MHz Ant2



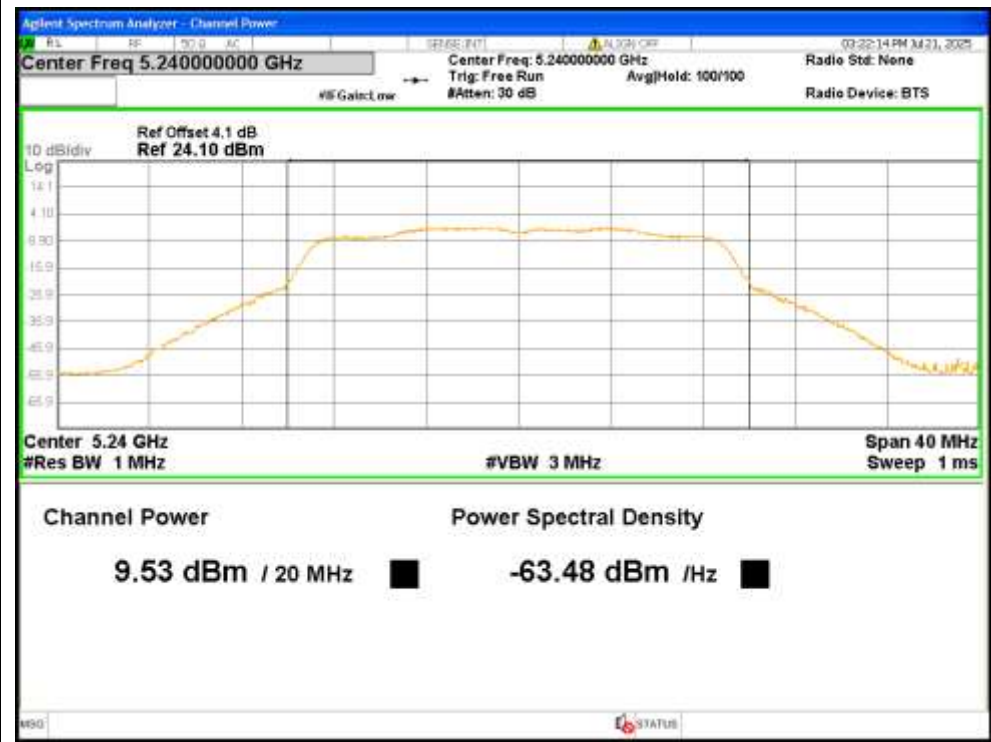
Power NVNT n20 5200MHz Ant1



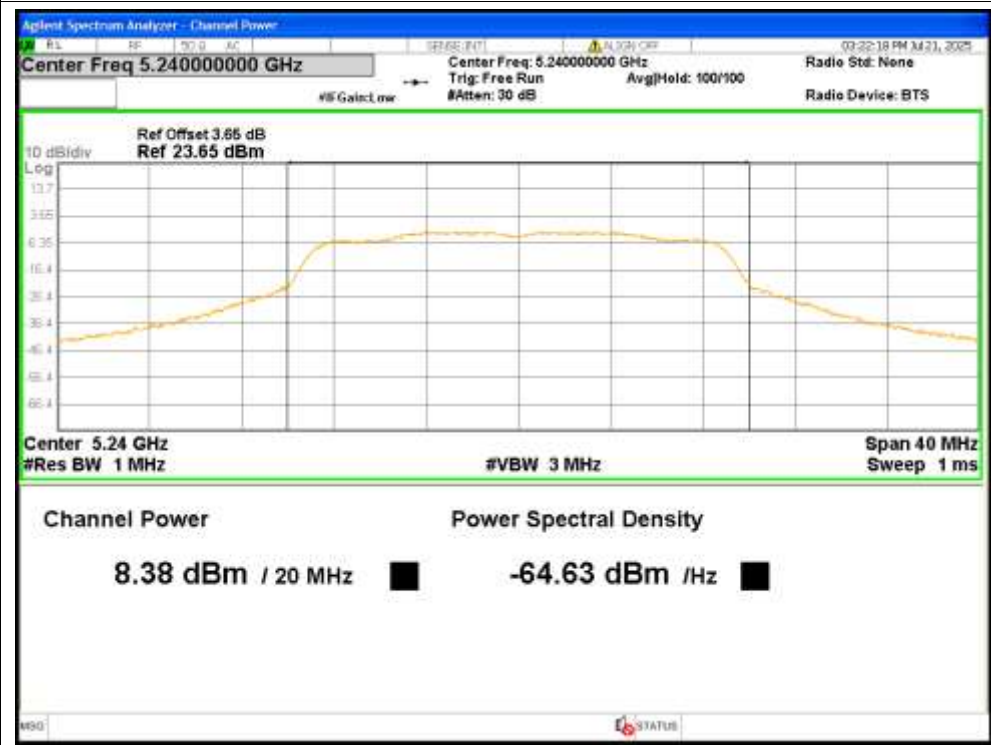
Power NVNT n20 5200MHz Ant2



Power NVNT n20 5240MHz Ant1



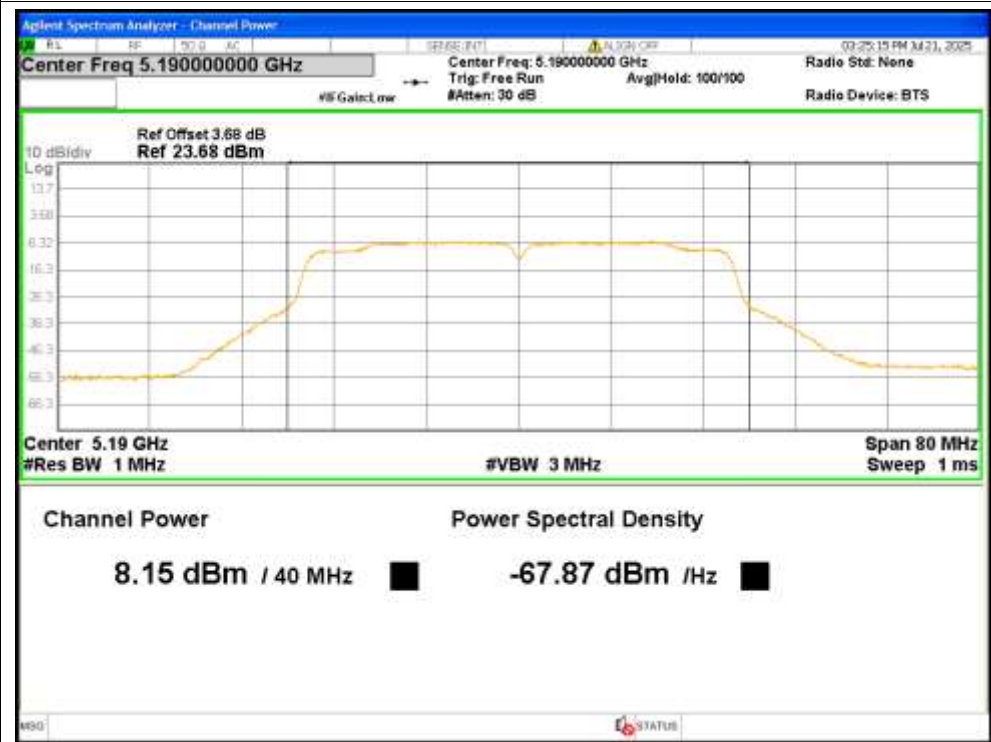
Power NVNT n20 5240MHz Ant2



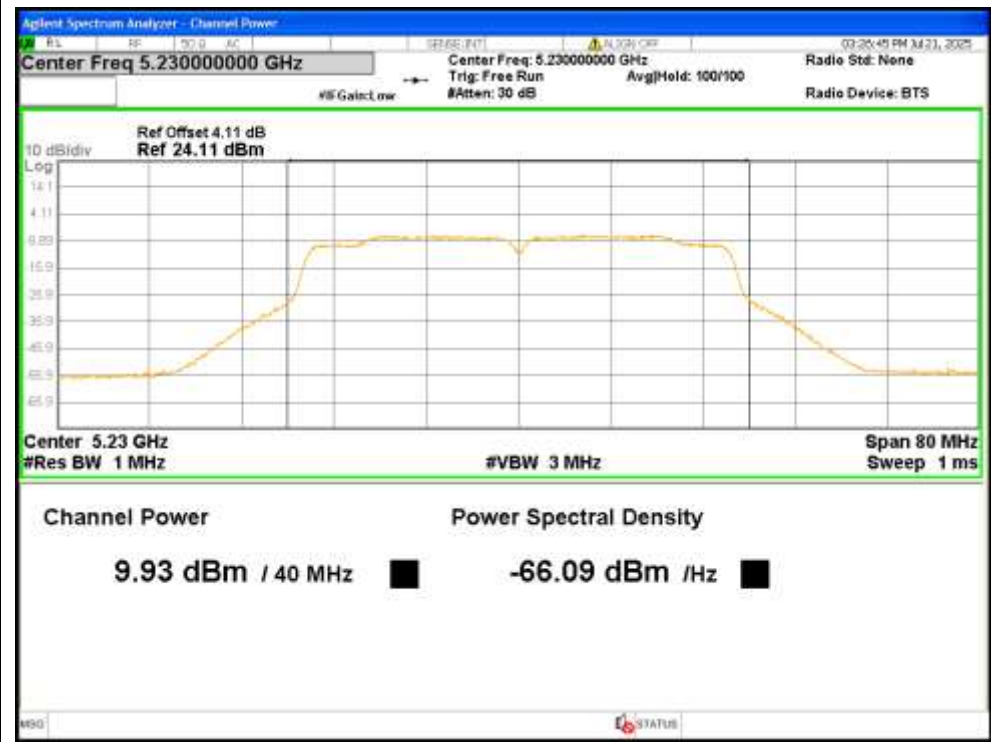
Power NVNT n40 5190MHz Ant1



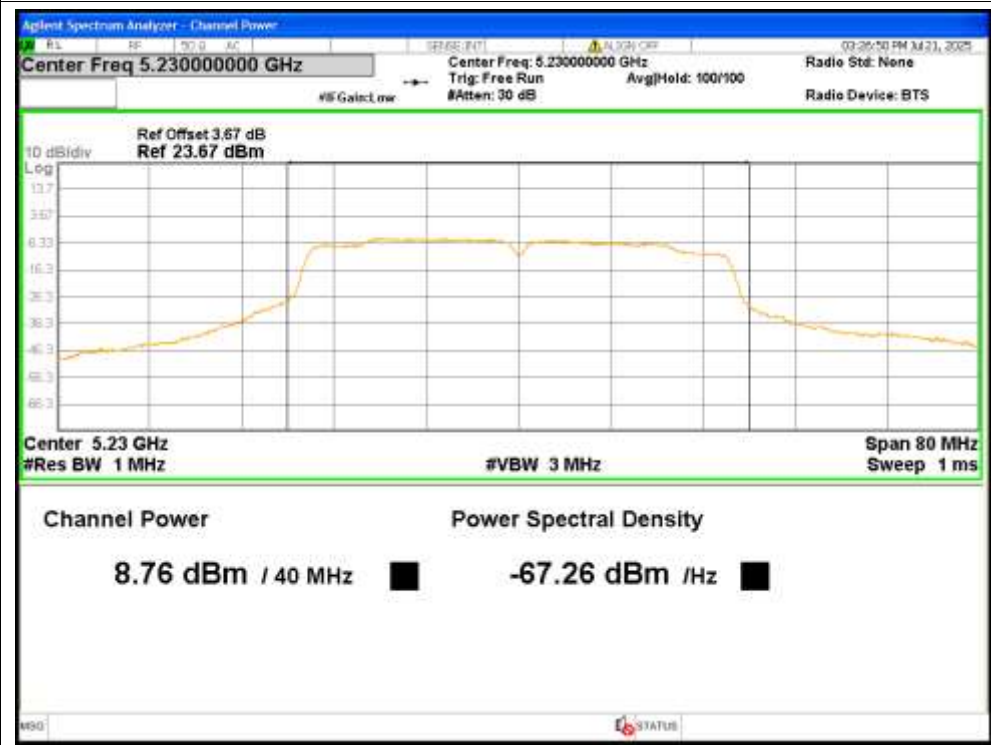
Power NVNT n40 5190MHz Ant2



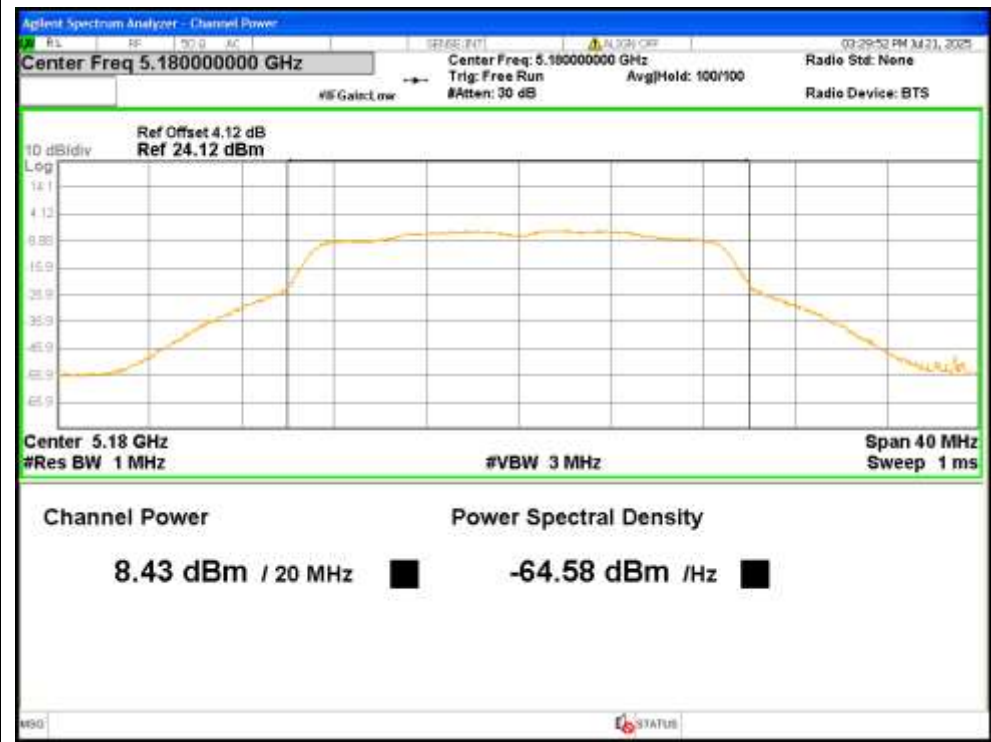
Power NVNT n40 5230MHz Ant1



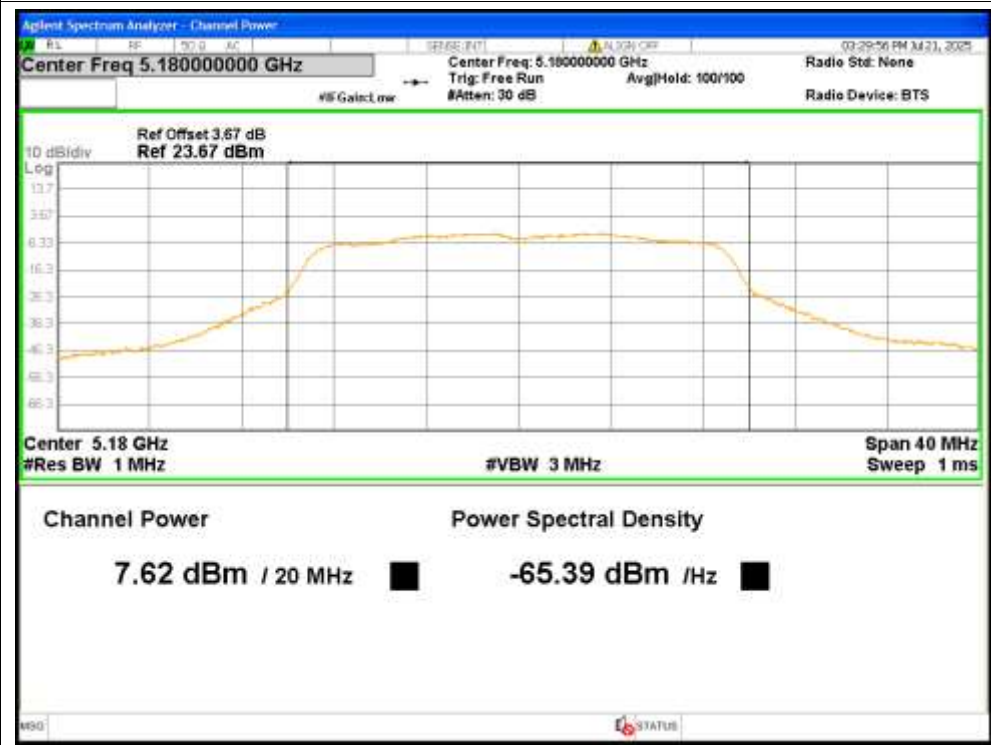
Power NVNT n40 5230MHz Ant2



Power NVNT ac20 5180MHz Ant1



Power NVNT ac20 5180MHz Ant2



Power NVNT ac20 5200MHz Ant1



Power NVNT ac20 5200MHz Ant2



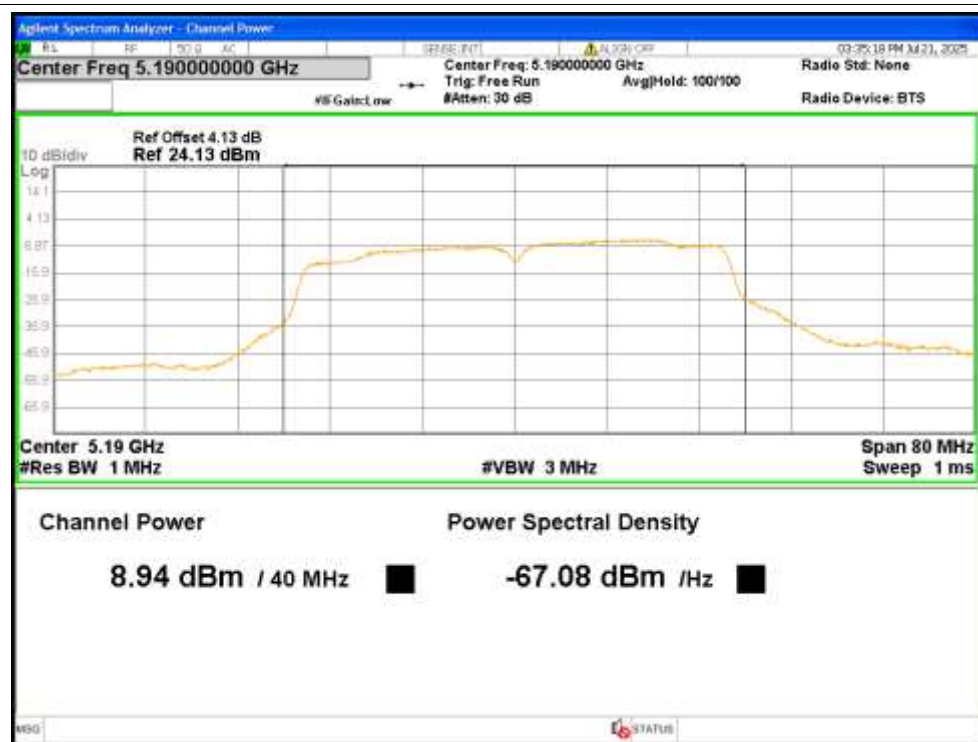
Power NVNT ac20 5240MHz Ant1



Power NVNT ac20 5240MHz Ant2



Power NVNT ac40 5190MHz Ant1



Power NVNT ac40 5190MHz Ant2



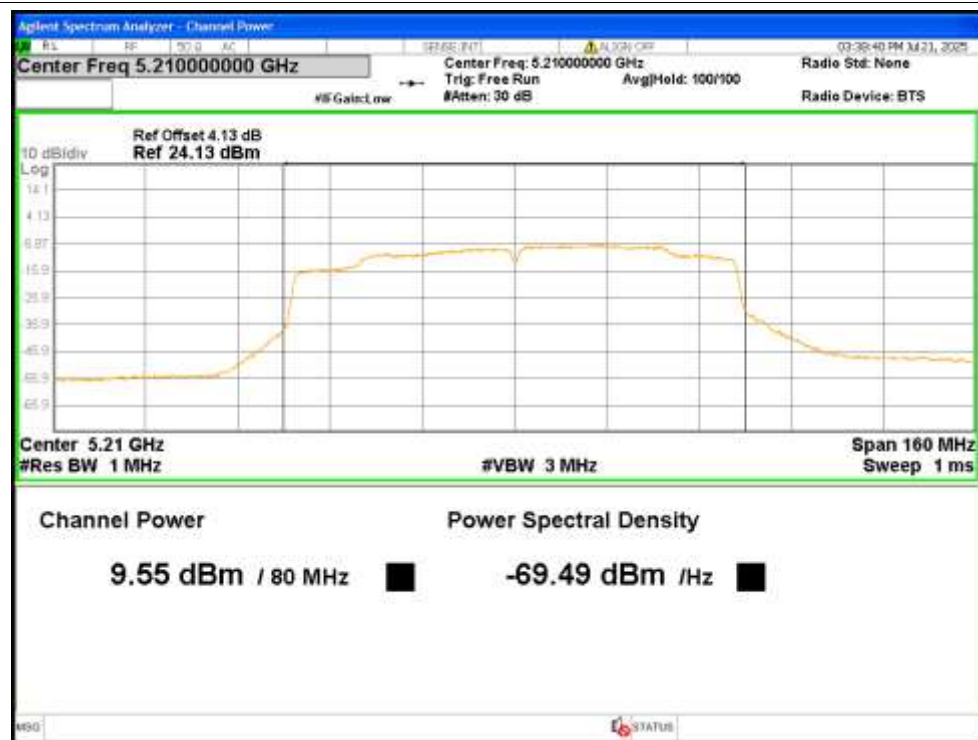
Power NVNT ac40 5230MHz Ant1



Power NVNT ac40 5230MHz Ant2



Power NVNT ac80 5210MHz Ant1



Power NVNT ac80 5210MHz Ant2



-26dB Bandwidth

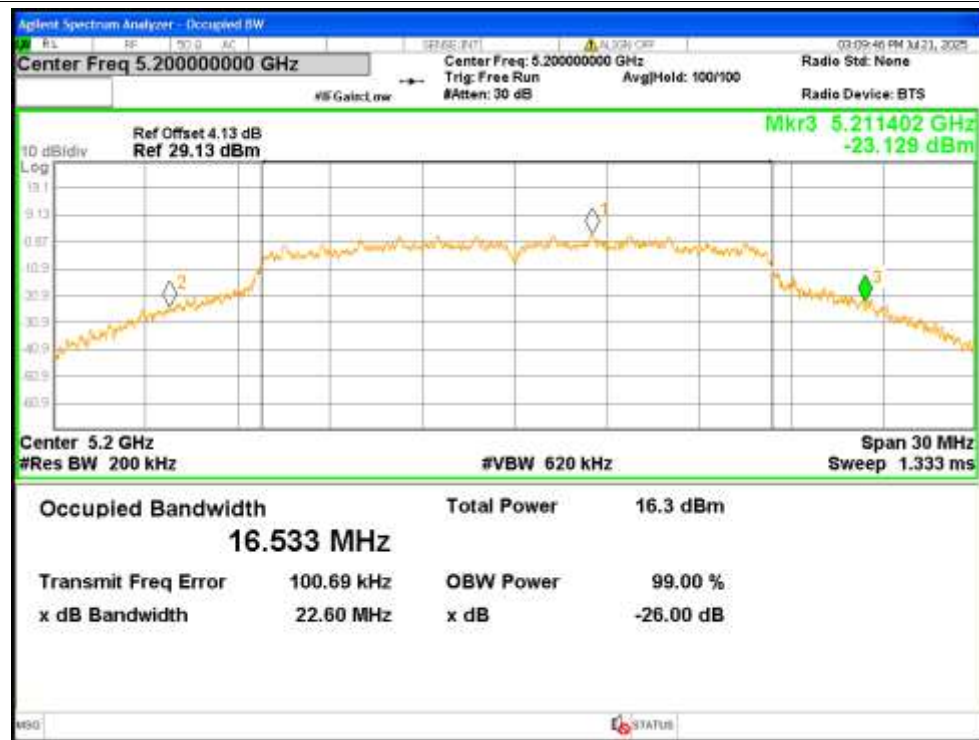
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	22.6494	Pass
NVNT	a	5200	Ant1	22.6026	Pass
NVNT	a	5240	Ant1	22.2533	Pass
NVNT	a	5180	Ant2	21.7596	Pass
NVNT	a	5200	Ant2	23.7853	Pass
NVNT	a	5240	Ant2	22.8912	Pass
NVNT	n20	5180	Ant1	22.404	Pass
NVNT	n20	5180	Ant2	23.155	Pass
NVNT	n20	5200	Ant1	23.2374	Pass
NVNT	n20	5200	Ant2	22.4301	Pass
NVNT	n20	5240	Ant1	22.8491	Pass
NVNT	n20	5240	Ant2	24.9928	Pass
NVNT	n40	5190	Ant1	42.4311	Pass
NVNT	n40	5190	Ant2	41.8538	Pass
NVNT	n40	5230	Ant1	42.497	Pass
NVNT	n40	5230	Ant2	43.9388	Pass
NVNT	ac20	5180	Ant1	22.8251	Pass
NVNT	ac20	5180	Ant2	22.6794	Pass
NVNT	ac20	5200	Ant1	22.944	Pass
NVNT	ac20	5200	Ant2	23.4958	Pass
NVNT	ac20	5240	Ant1	23.3081	Pass
NVNT	ac20	5240	Ant2	24.6337	Pass
NVNT	ac40	5190	Ant1	42.3189	Pass
NVNT	ac40	5190	Ant2	42.9422	Pass
NVNT	ac40	5230	Ant1	44.0033	Pass
NVNT	ac40	5230	Ant2	43.0193	Pass
NVNT	ac80	5210	Ant1	81.7294	Pass
NVNT	ac80	5210	Ant2	84.3194	Pass

Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



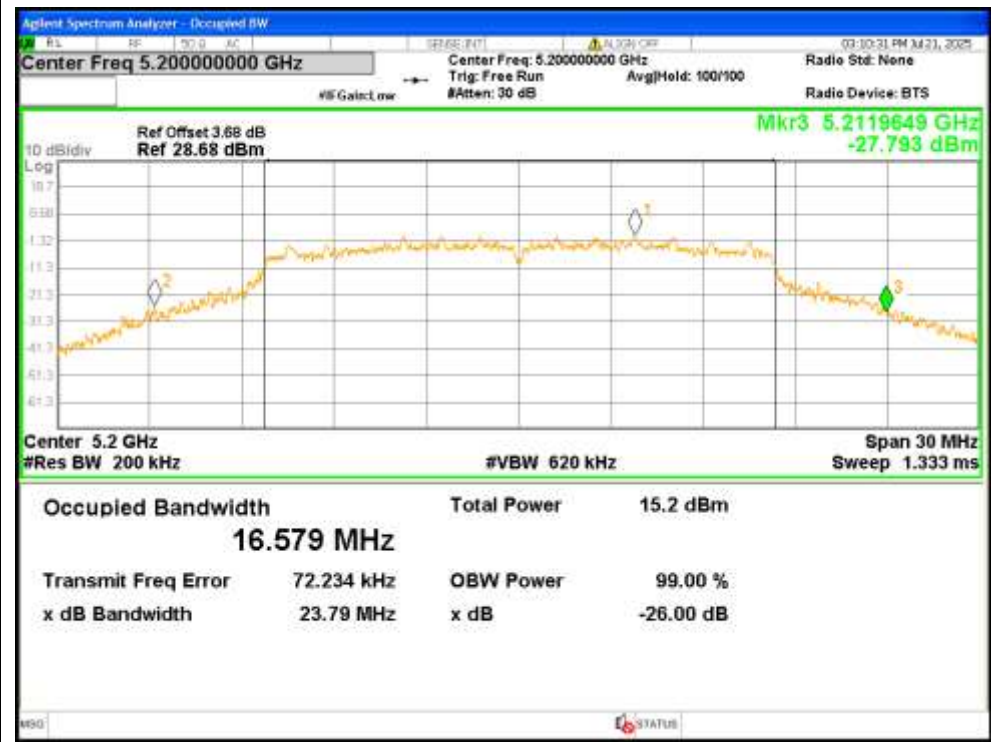
-26dB Bandwidth NVNT a 5240MHz Ant1



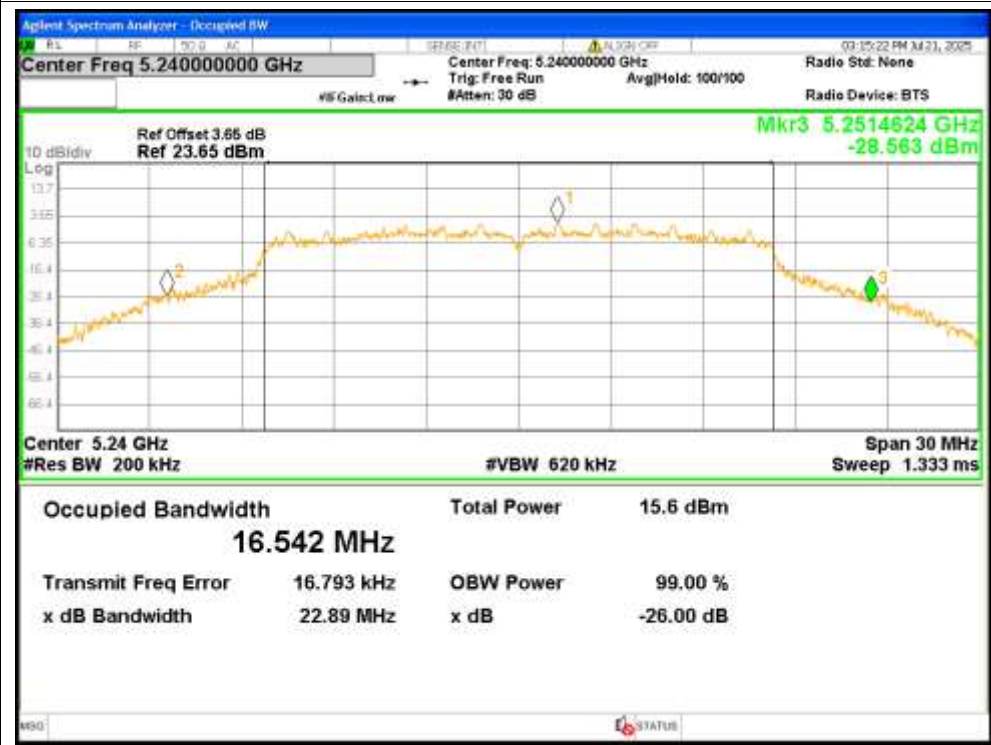
-26dB Bandwidth NVNT a 5180MHz Ant2



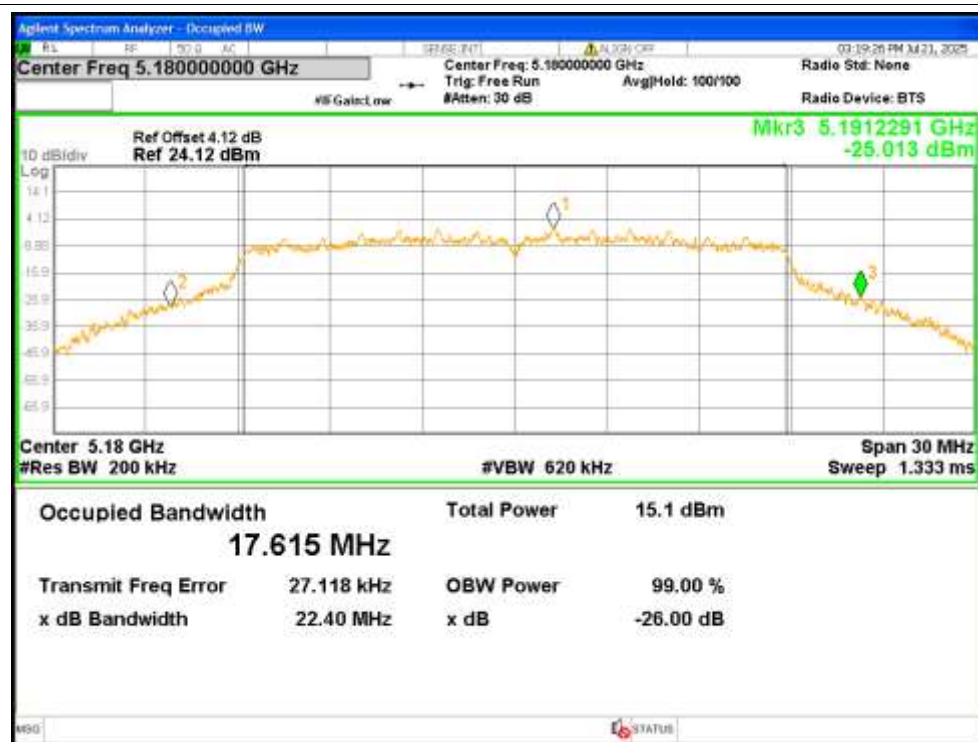
-26dB Bandwidth NVNT a 5200MHz Ant2



-26dB Bandwidth NVNT a 5240MHz Ant2



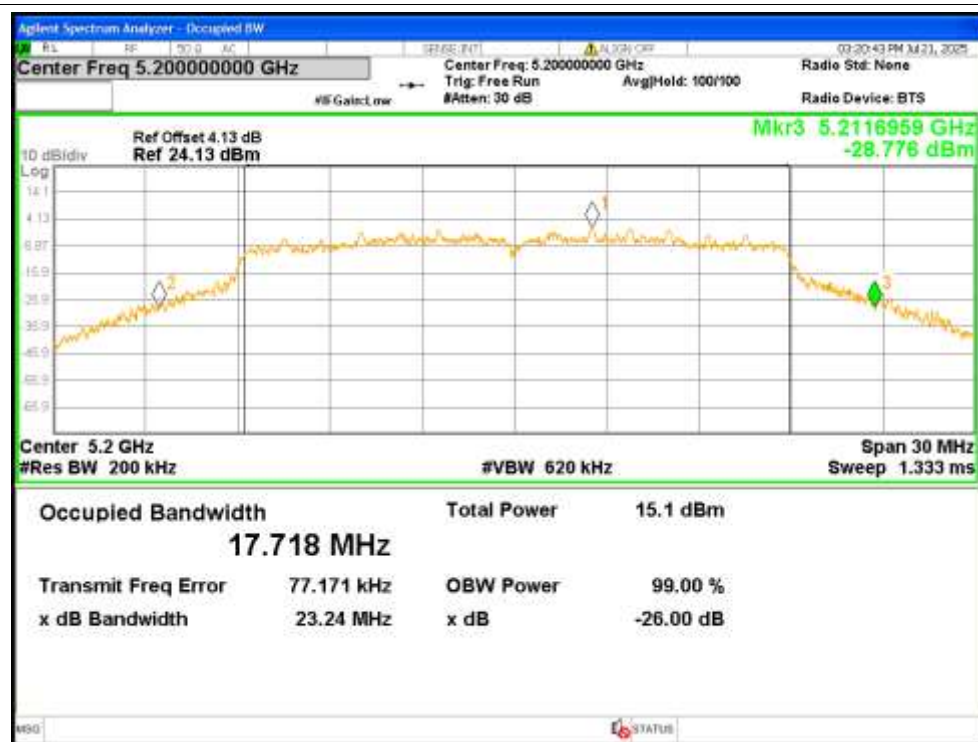
-26dB Bandwidth NVNT n20 5180MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant2



-26dB Bandwidth NVNT n20 5200MHz Ant1



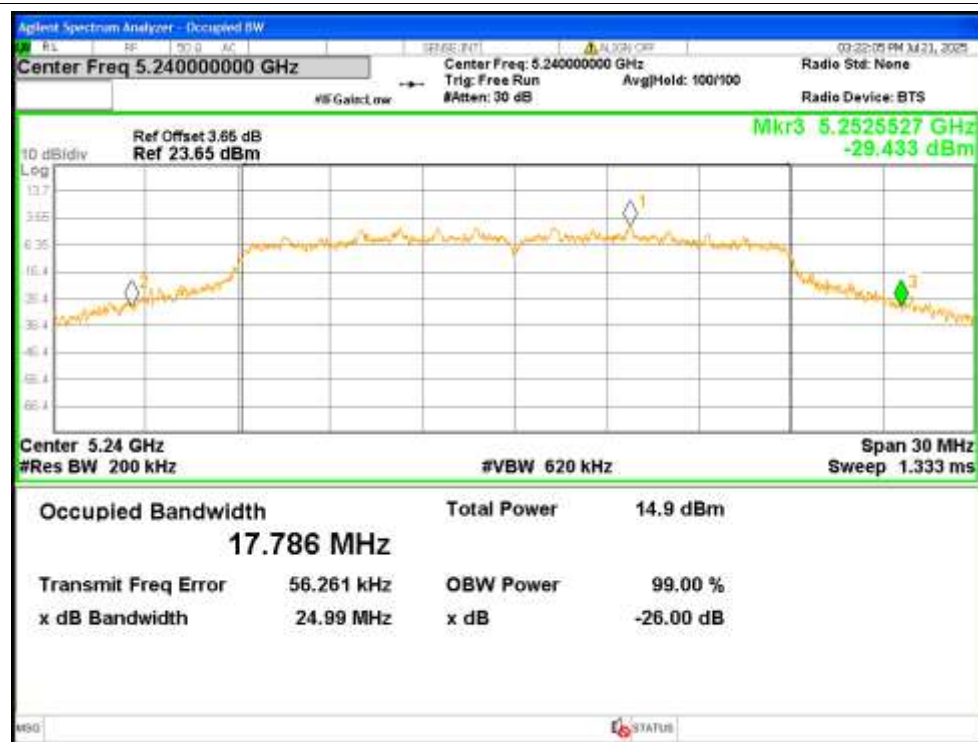
-26dB Bandwidth NVNT n20 5200MHz Ant2



-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant2



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant2



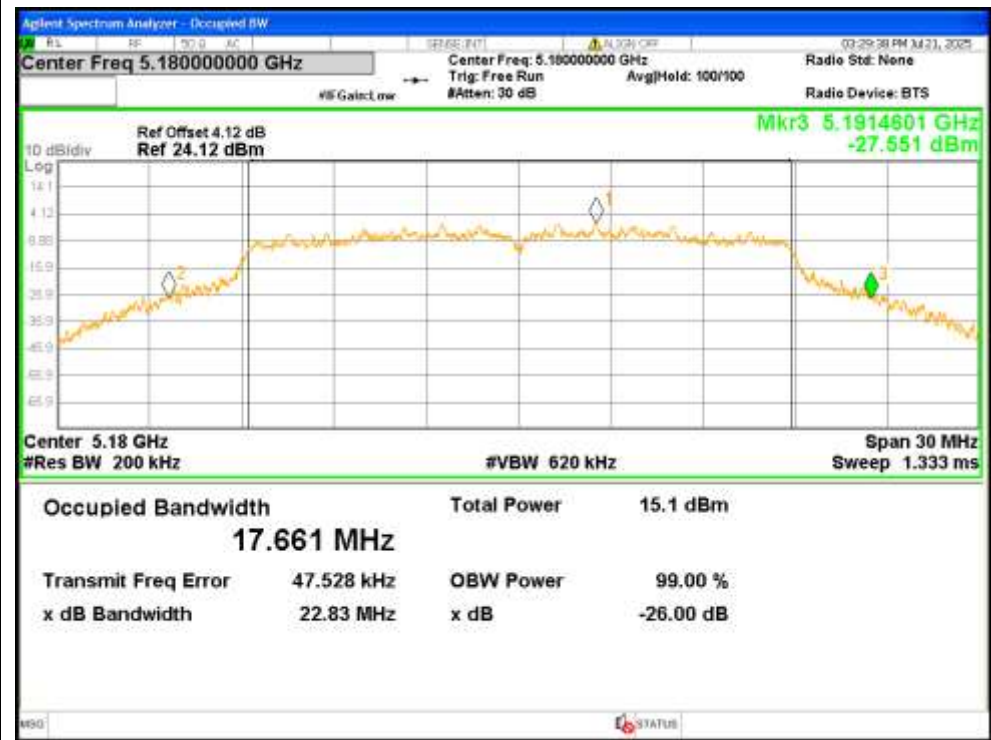
-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2



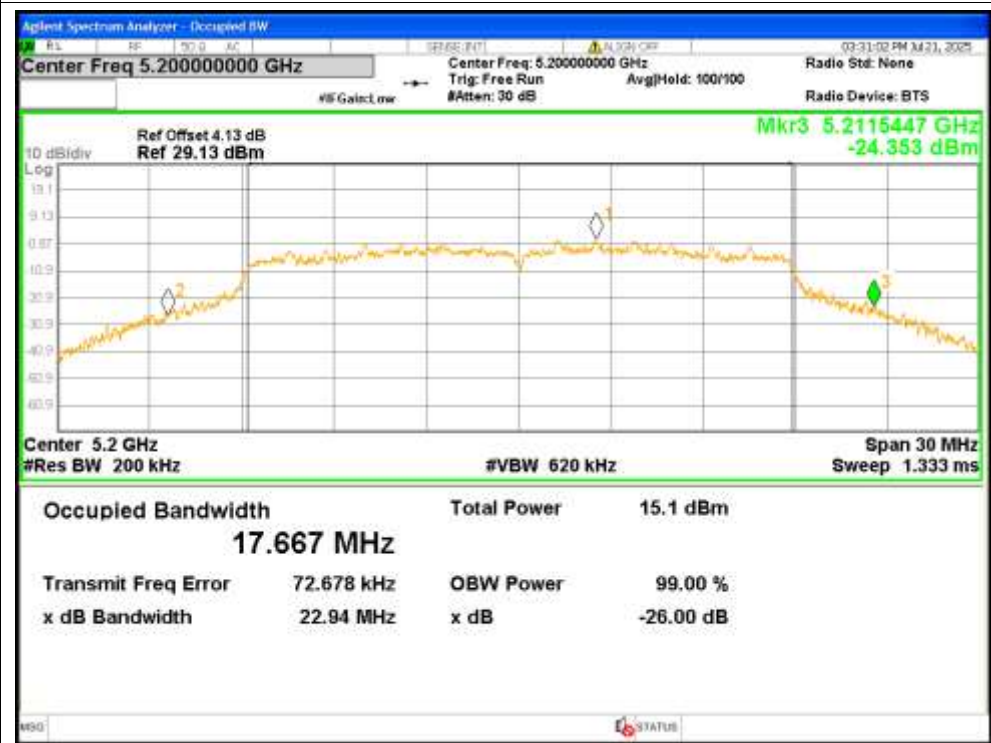
-26dB Bandwidth NVNT ac20 5180MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant2



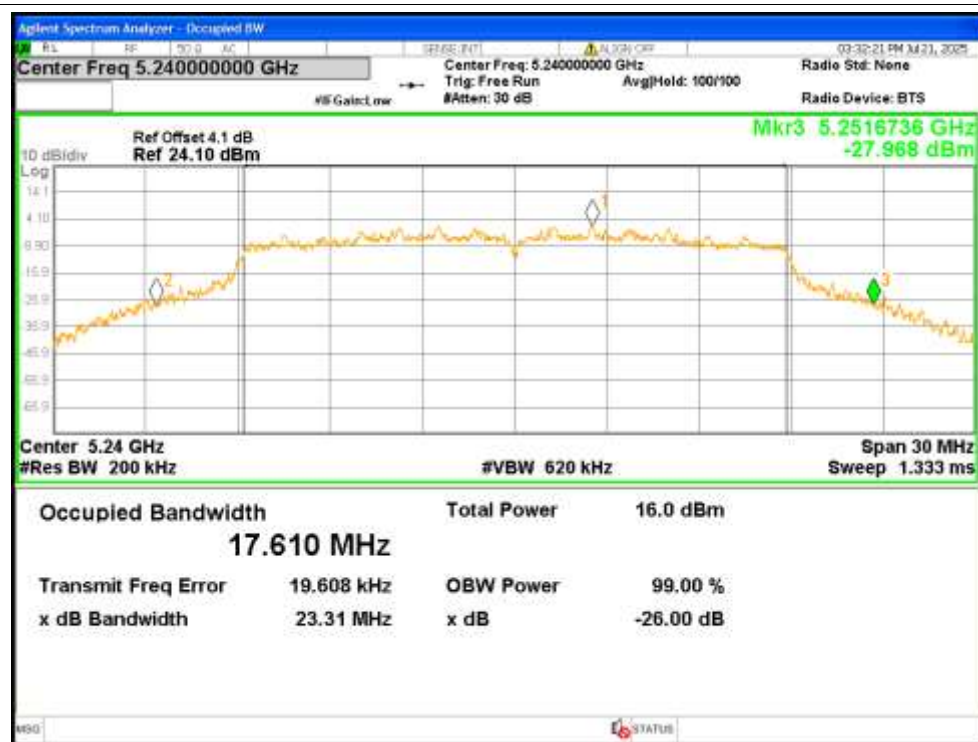
-26dB Bandwidth NVNT ac20 5200MHz Ant1



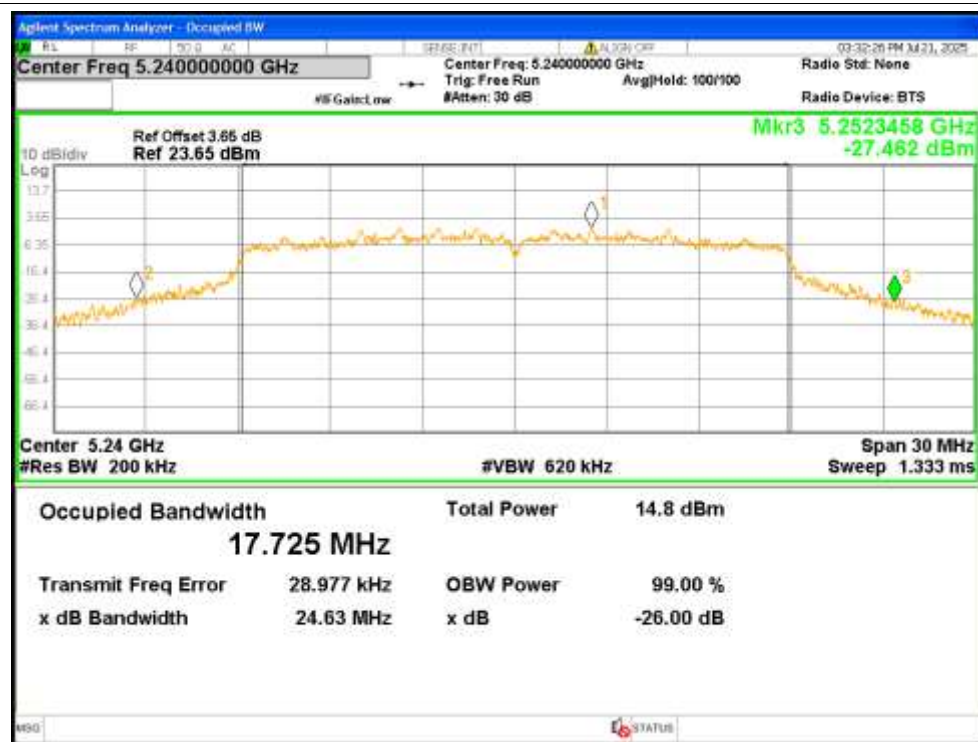
-26dB Bandwidth NVNT ac20 5200MHz Ant2



-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac20 5240MHz Ant2



-26dB Bandwidth NVNT ac40 5190MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant2



-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant2

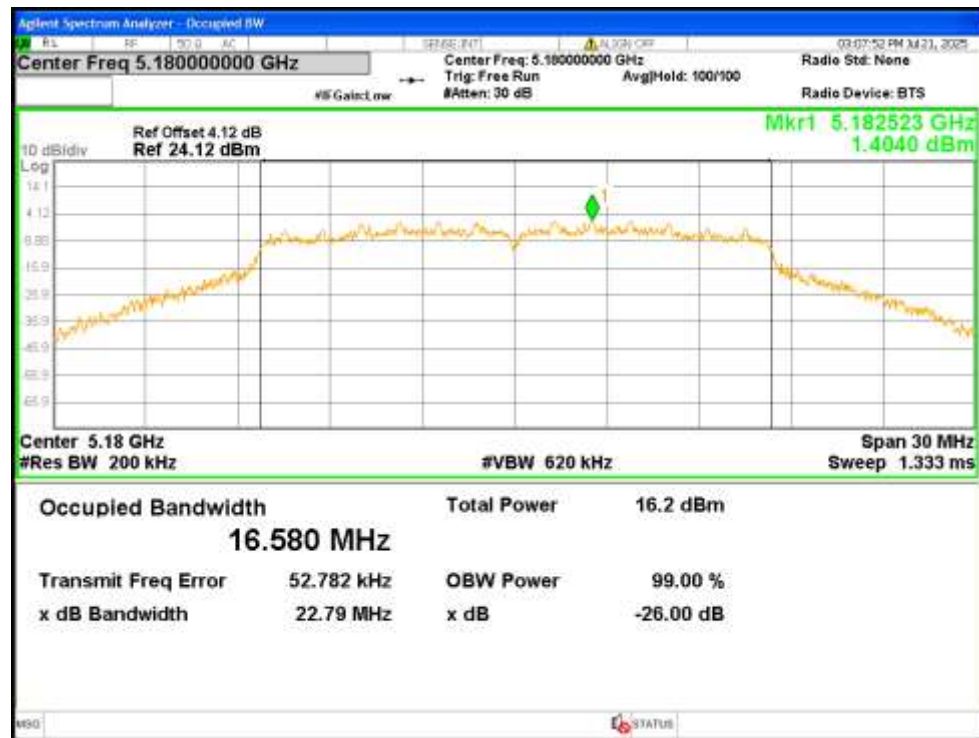


Occupied Channel Bandwidth

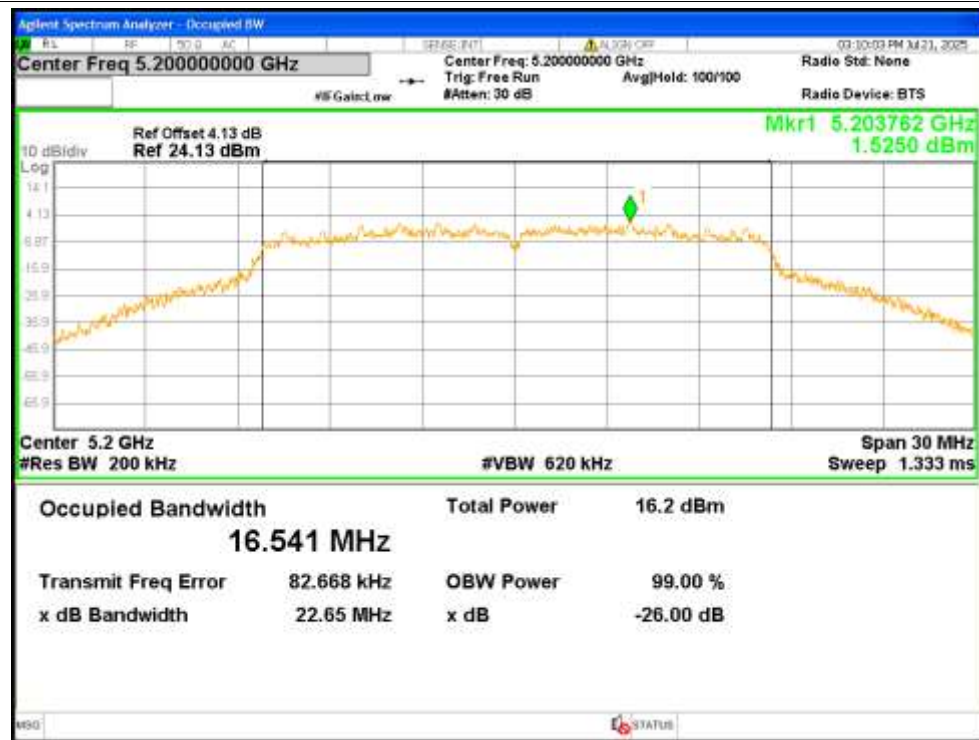
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.5799
NVNT	a	5200	Ant1	16.5411
NVNT	a	5240	Ant1	16.5286
NVNT	a	5180	Ant2	16.5065
NVNT	a	5200	Ant2	16.5609
NVNT	a	5240	Ant2	16.4772
NVNT	n20	5180	Ant1	17.5976
NVNT	n20	5180	Ant2	17.6899
NVNT	n20	5200	Ant1	17.6524
NVNT	n20	5200	Ant2	17.6519
NVNT	n20	5240	Ant1	17.6308
NVNT	n20	5240	Ant2	17.7521
NVNT	n40	5190	Ant1	36.0828
NVNT	n40	5190	Ant2	35.9624
NVNT	n40	5230	Ant1	35.9592
NVNT	n40	5230	Ant2	35.9824
NVNT	ac20	5180	Ant1	17.6362
NVNT	ac20	5180	Ant2	17.6494
NVNT	ac20	5200	Ant1	17.7007
NVNT	ac20	5200	Ant2	17.7019
NVNT	ac20	5240	Ant1	17.6442
NVNT	ac20	5240	Ant2	17.7317
NVNT	ac40	5190	Ant1	35.8087
NVNT	ac40	5190	Ant2	36.0274
NVNT	ac40	5230	Ant1	36.009
NVNT	ac40	5230	Ant2	35.965
NVNT	ac80	5210	Ant1	73.6588
NVNT	ac80	5210	Ant2	74.9758

Test Graphs

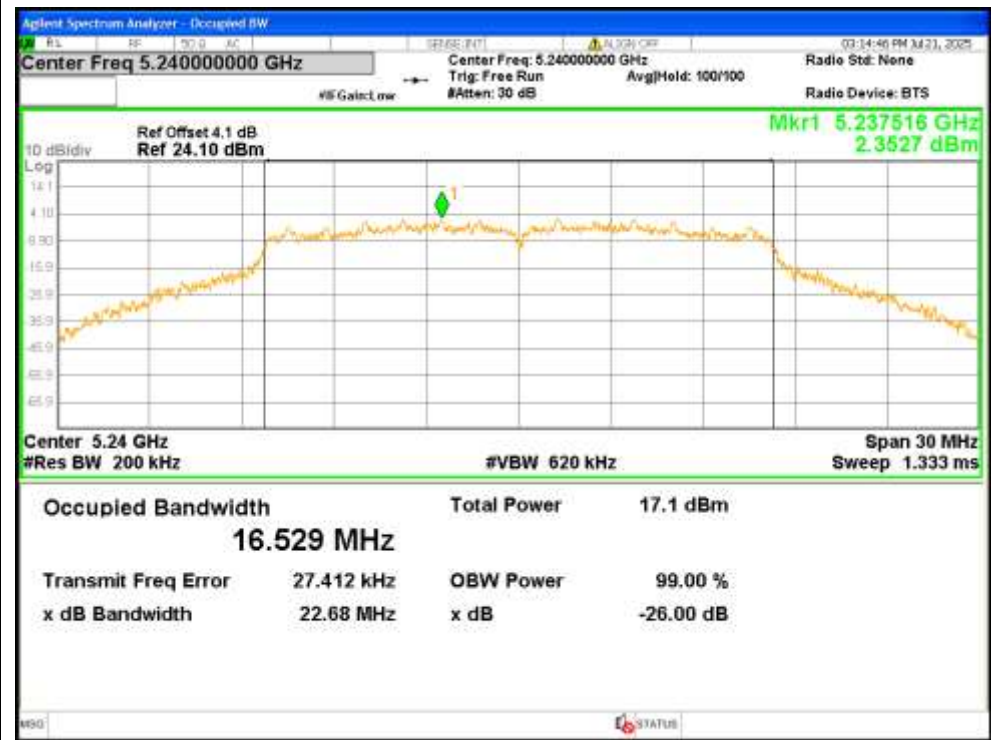
OBW NVNT a 5180MHz Ant1



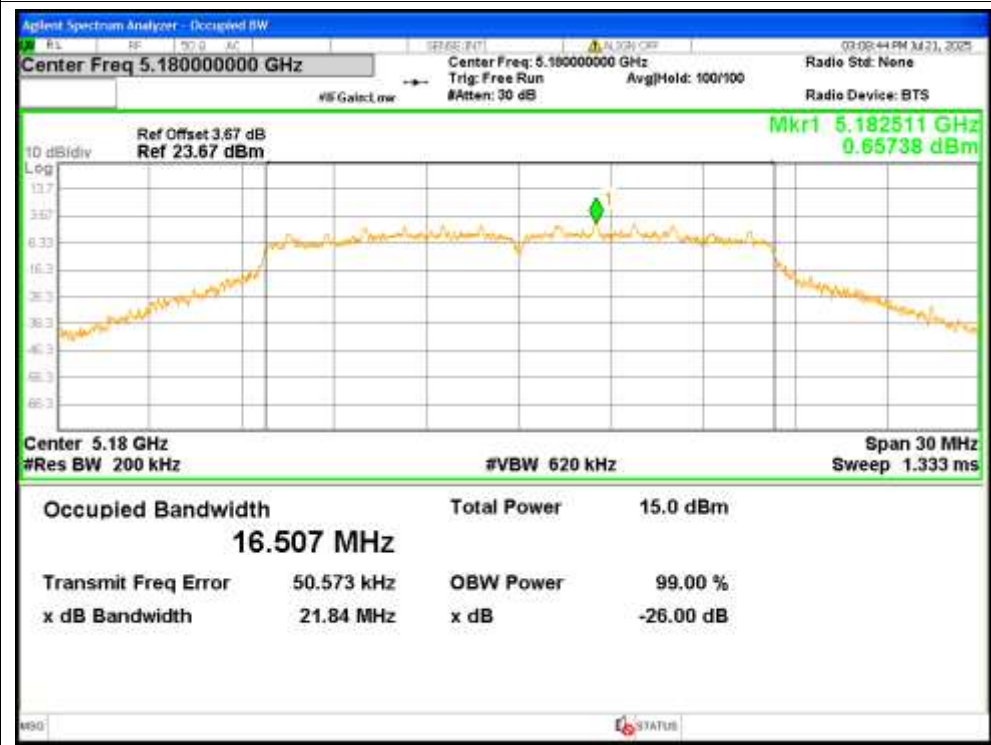
OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1



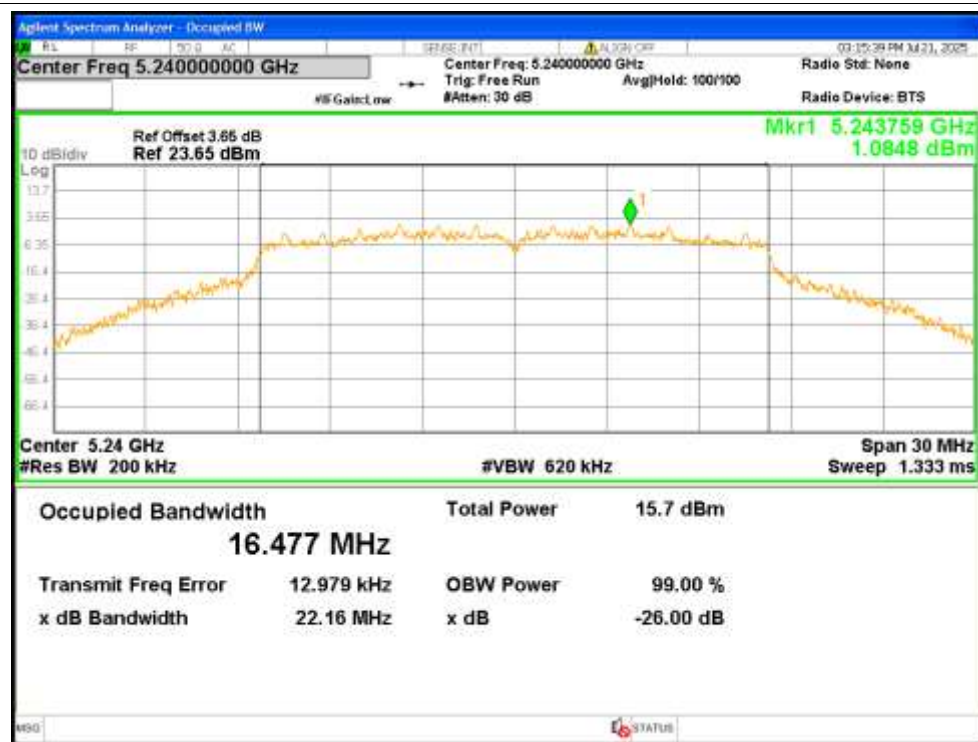
OBW NVNT a 5180MHz Ant2



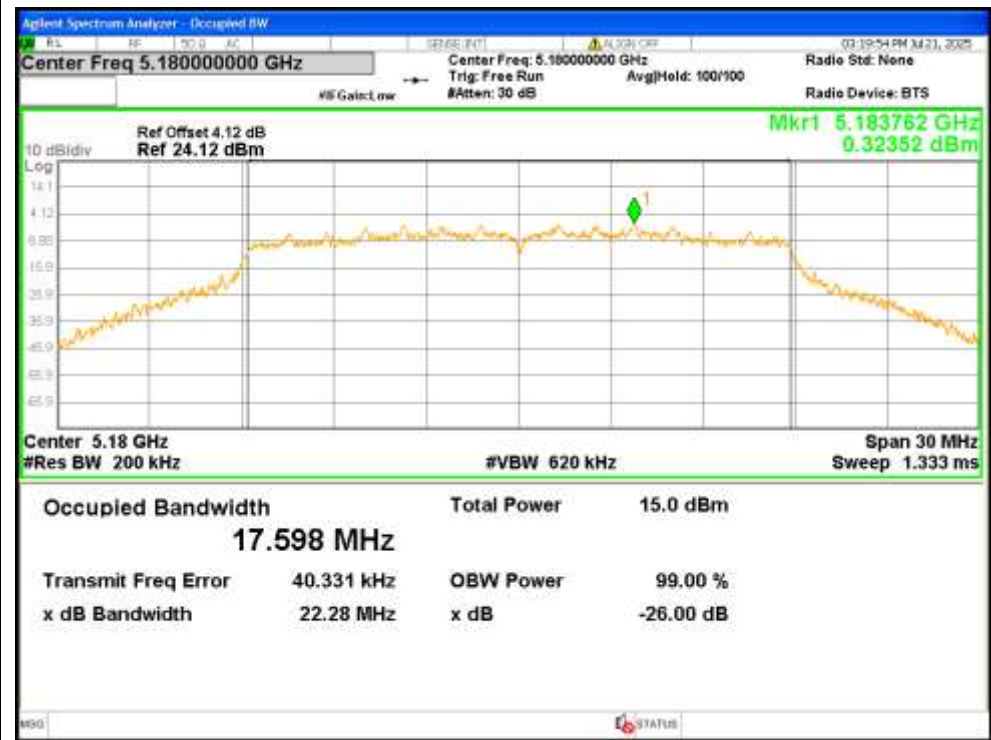
OBW NVNT a 5200MHz Ant2



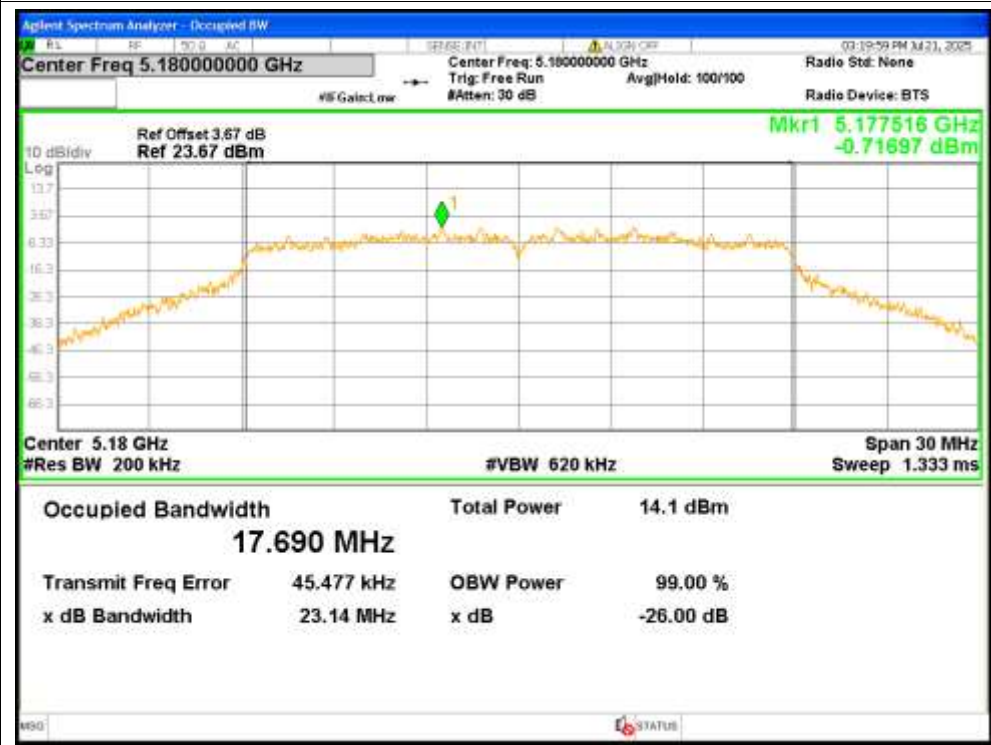
OBW NVNT a 5240MHz Ant2



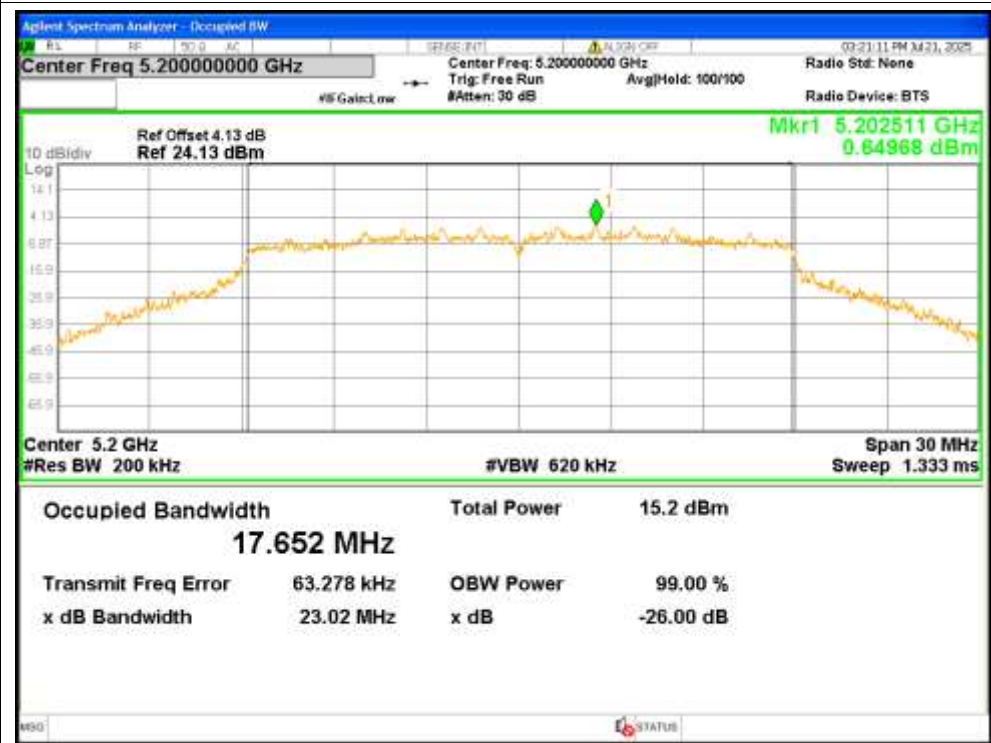
OBW NVNT n20 5180MHz Ant1



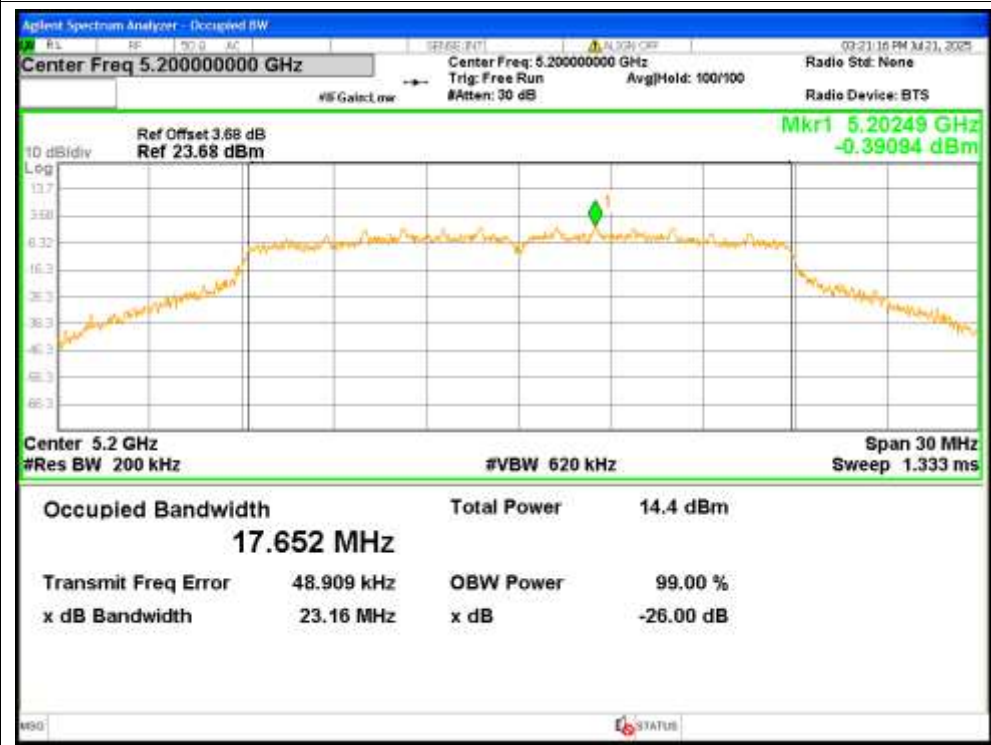
OBW NVNT n20 5180MHz Ant2



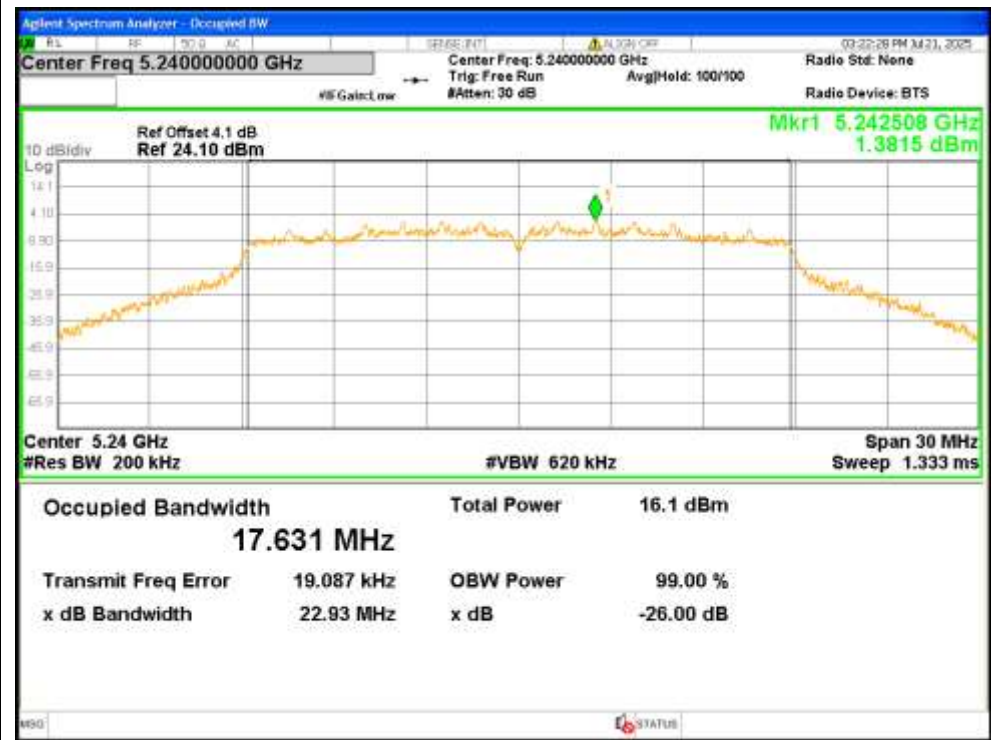
OBW NVNT n20 5200MHz Ant1



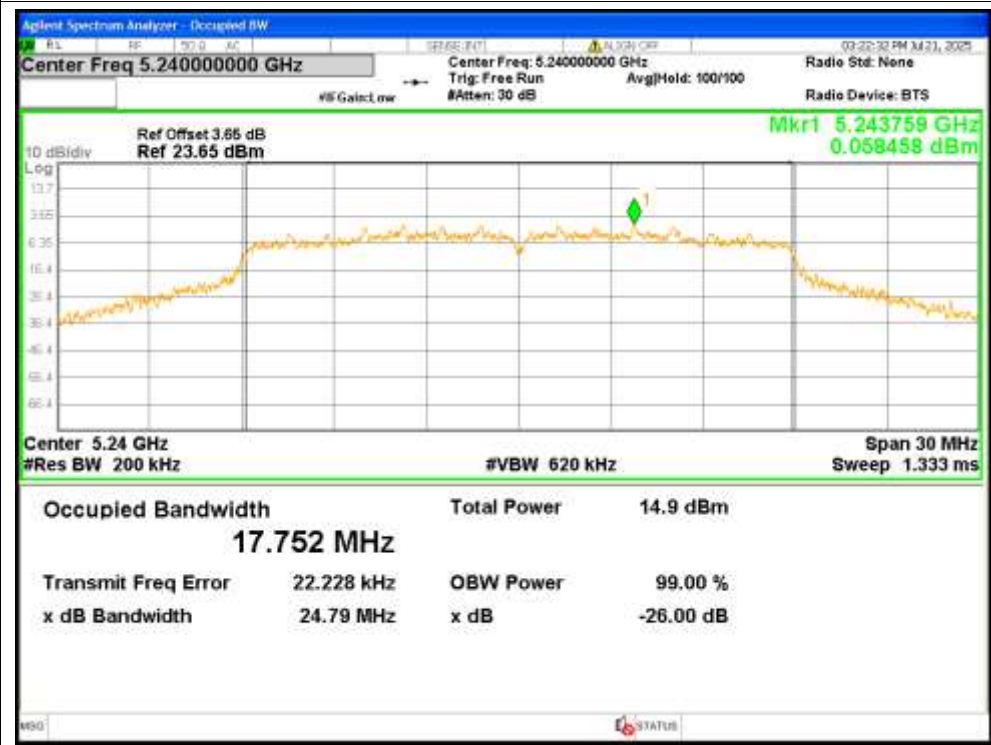
OBW NVNT n20 5200MHz Ant2



OBW NVNT n20 5240MHz Ant1



OBW NVNT n20 5240MHz Ant2



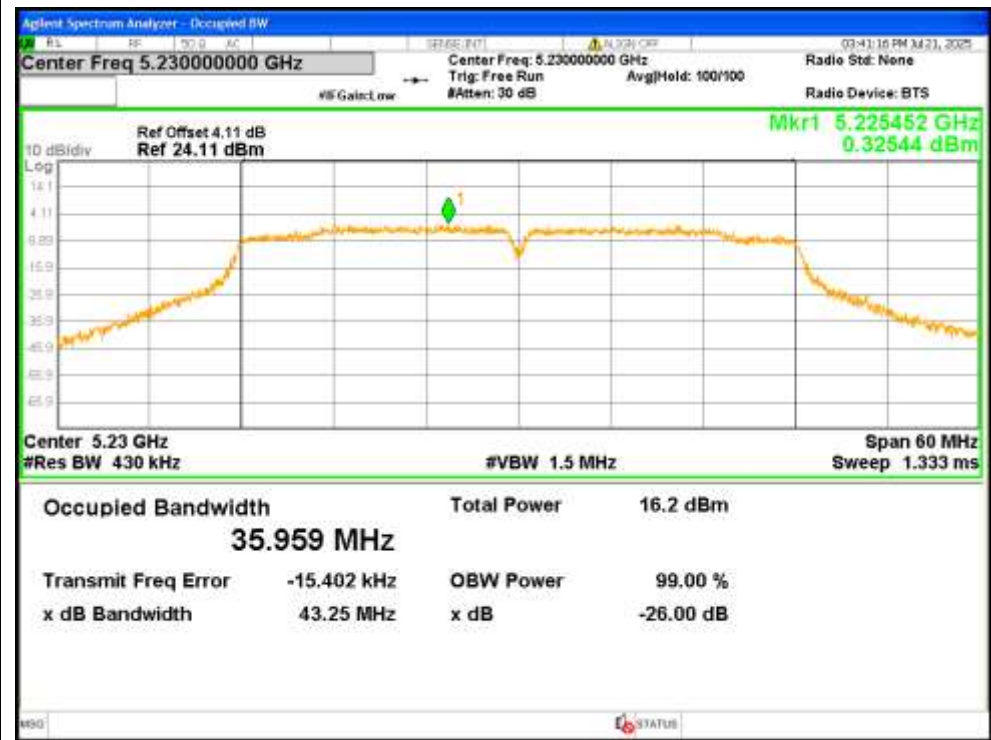
OBW NVNT n40 5190MHz Ant1



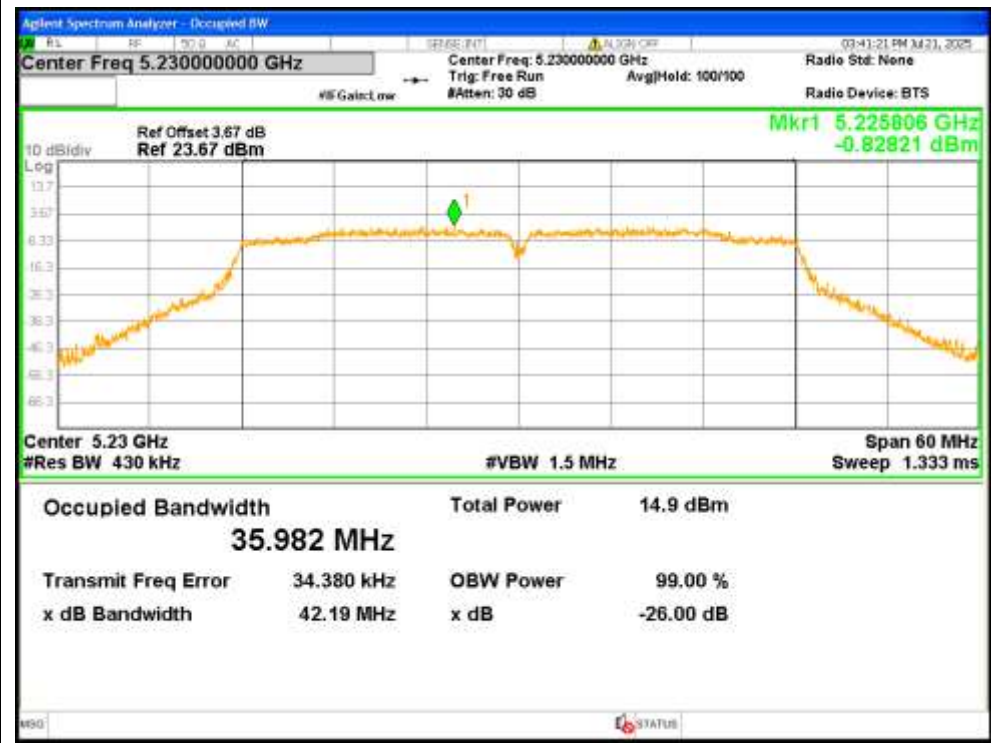
OBW NVNT n40 5190MHz Ant2



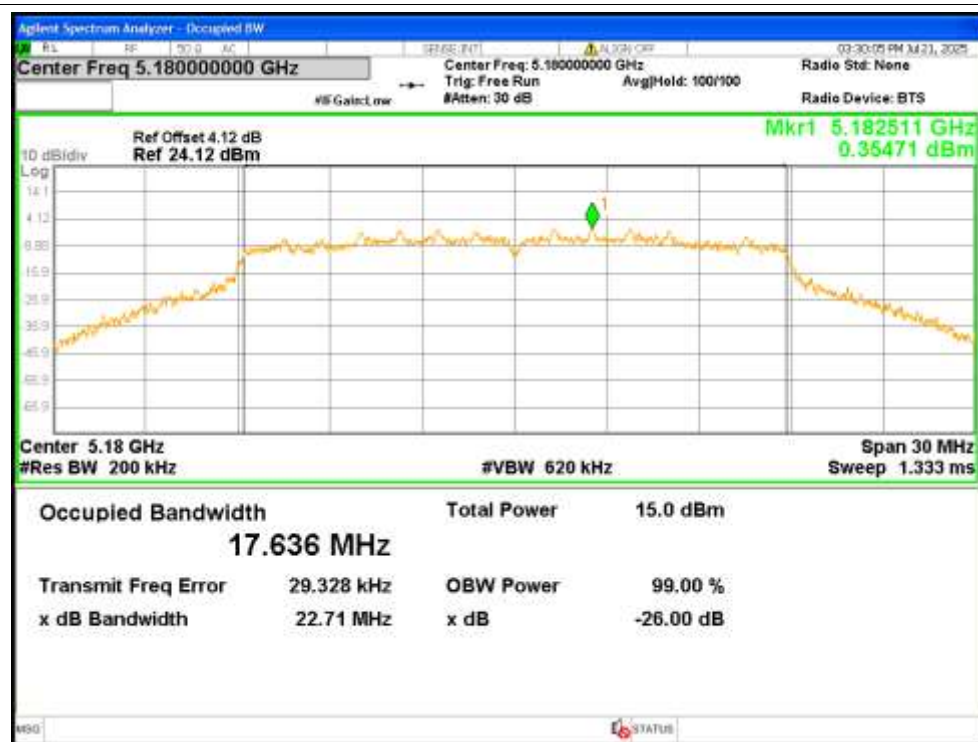
OBW NVNT n40 5230MHz Ant1



OBW NVNT n40 5230MHz Ant2



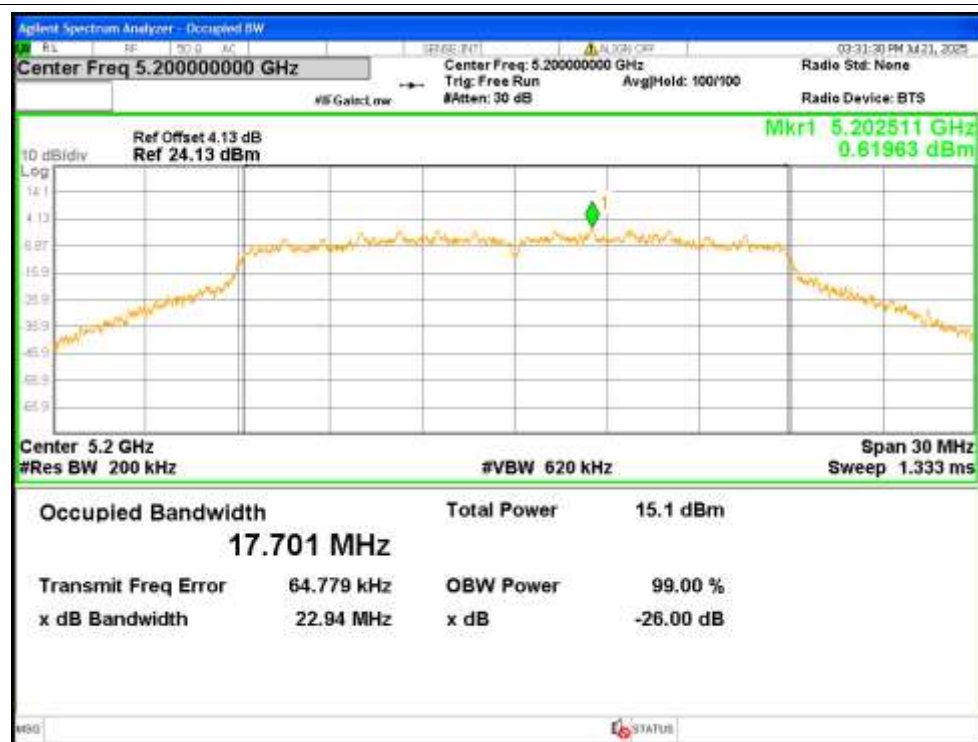
OBW NVNT ac20 5180MHz Ant1



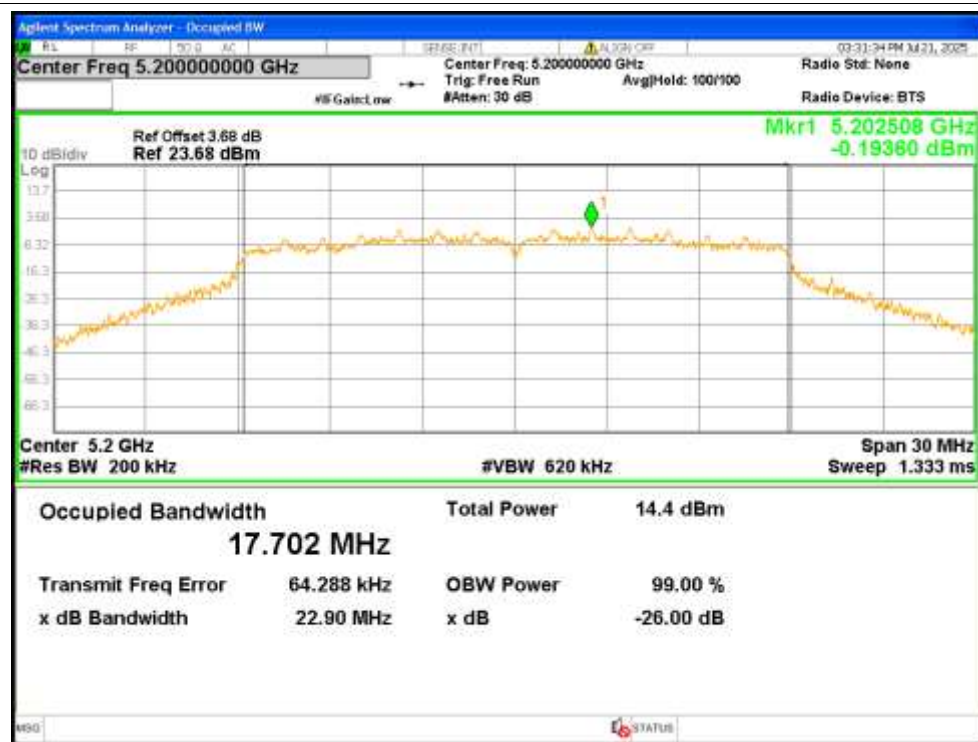
OBW NVNT ac20 5180MHz Ant2



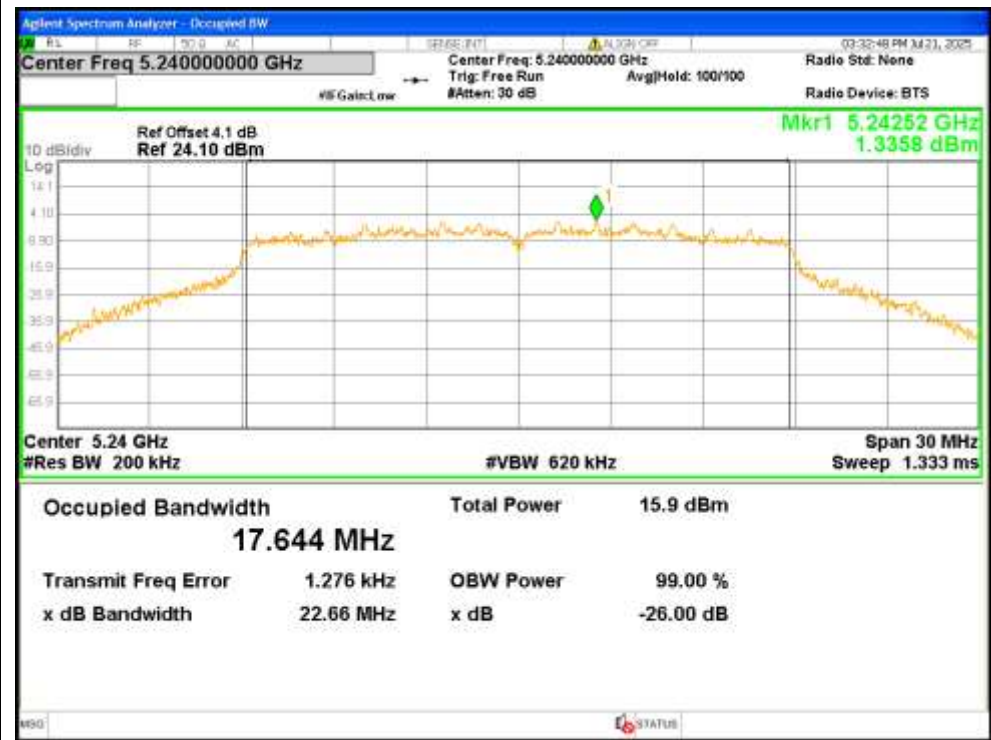
OBW NVNT ac20 5200MHz Ant1



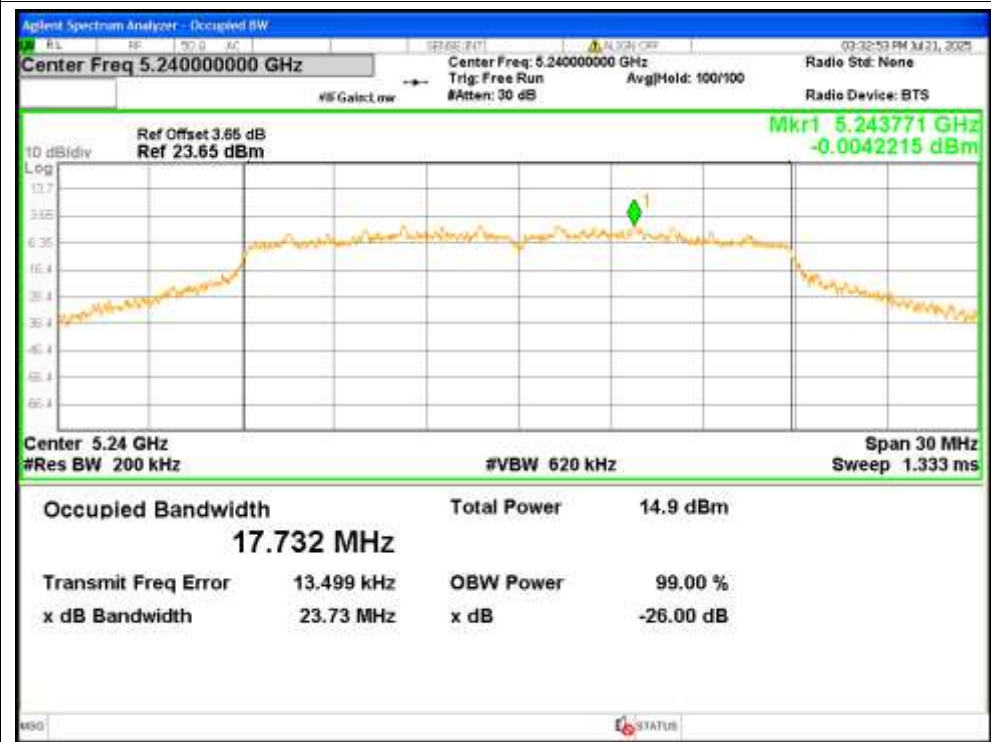
OBW NVNT ac20 5200MHz Ant2



OBW NVNT ac20 5240MHz Ant1



OBW NVNT ac20 5240MHz Ant2



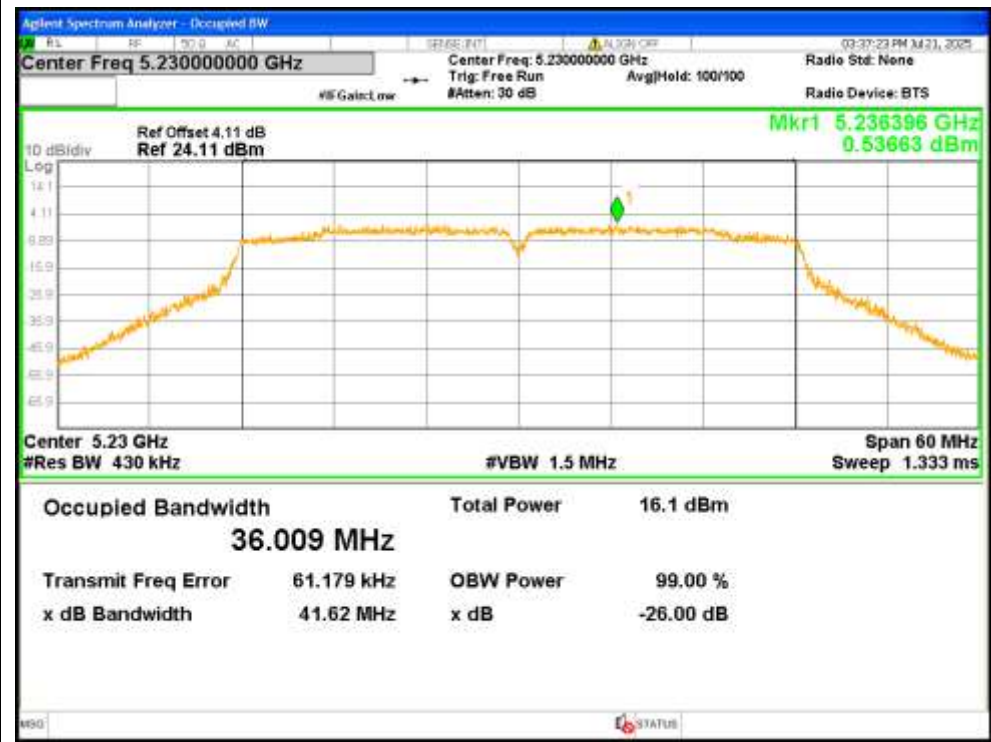
OBW NVNT ac40 5190MHz Ant1



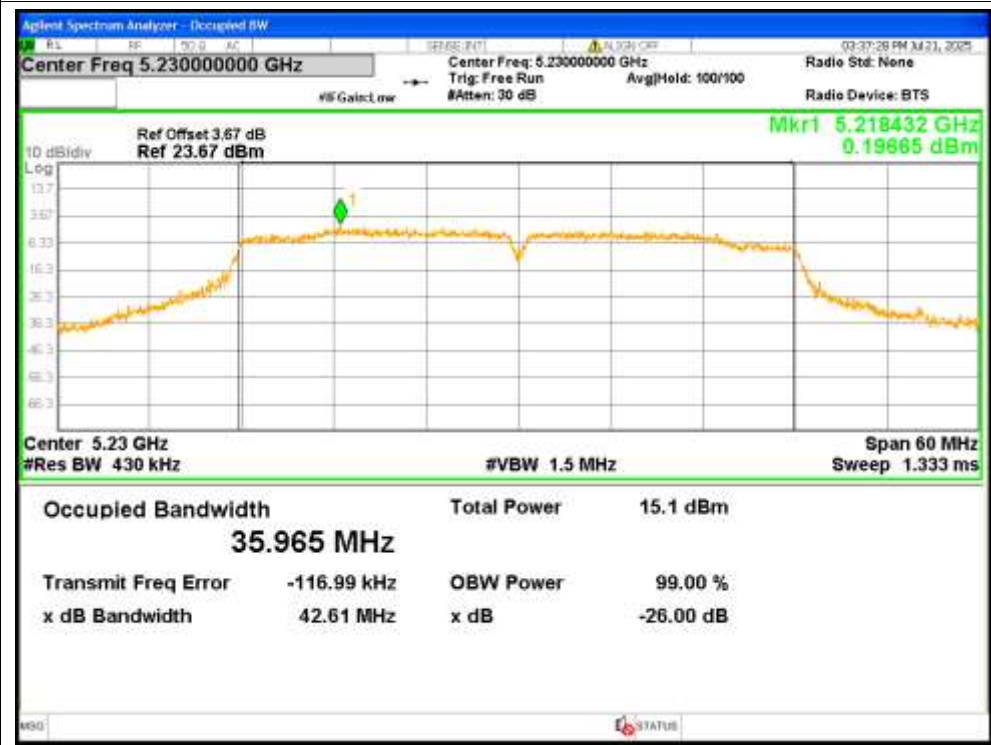
OBW NVNT ac40 5190MHz Ant2



OBW NVNT ac40 5230MHz Ant1



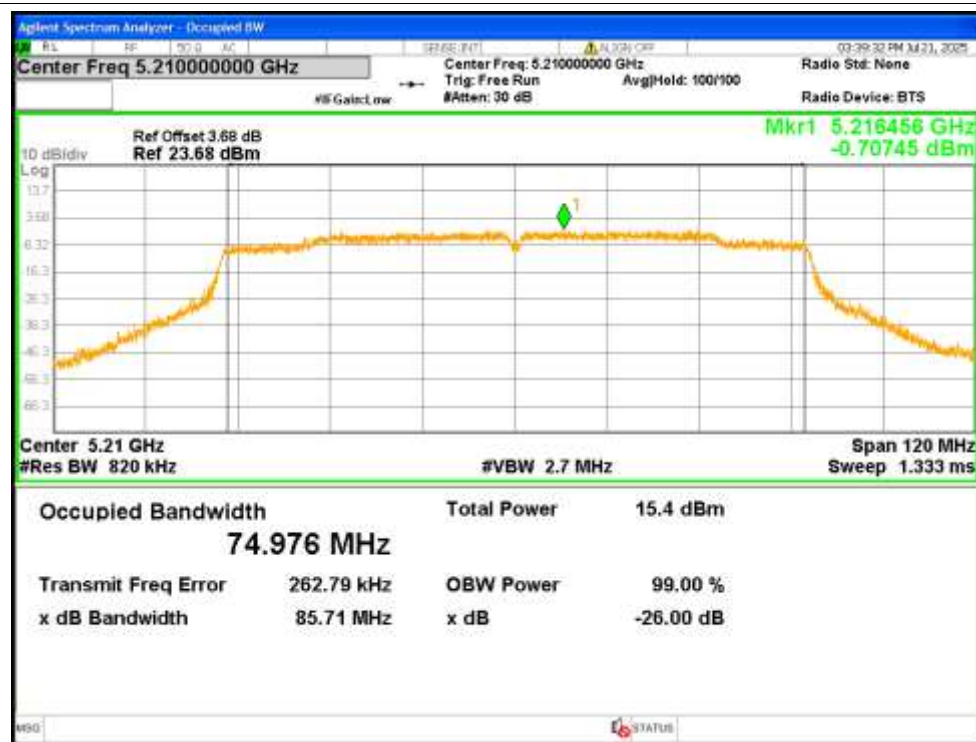
OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz 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	-0.265	0.93	0.665	<=11	Pass
NVNT	a	5200	Ant1	-0.168	0.96	0.792	<=11	Pass
NVNT	a	5240	Ant1	0.647	0.95	1.597	<=11	Pass
NVNT	a	5180	Ant2	-1.25	0.95	-0.3	<=11	Pass
NVNT	a	5200	Ant2	-1.119	0.95	-0.169	<=11	Pass
NVNT	a	5240	Ant2	-0.771	0.95	0.179	<=11	Pass
NVNT	n20	5180	Ant1	-1.47	0.56	-0.91	<=11	Pass
NVNT	n20	5180	Ant2	-1.836	0.56	-1.276	<=11	Pass
NVNT	n20	5180	MIMO	1.361	0.56	1.921	<=11	Pass
NVNT	n20	5200	Ant1	-1.191	0.56	-0.631	<=11	Pass
NVNT	n20	5200	Ant2	-2.06	0.56	-1.5	<=11	Pass
NVNT	n20	5200	MIMO	1.406	0.56	1.966	<=11	Pass
NVNT	n20	5240	Ant1	-0.156	0.54	0.384	<=11	Pass
NVNT	n20	5240	Ant2	-1.496	0.54	-0.956	<=11	Pass
NVNT	n20	5240	MIMO	2.236	0.54	2.776	<=11	Pass
NVNT	n40	5190	Ant1	-2.509	0.58	-1.929	<=11	Pass
NVNT	n40	5190	Ant2	-5.028	0.58	-4.448	<=11	Pass
NVNT	n40	5190	MIMO	-0.578	0.58	0.002	<=11	Pass
NVNT	n40	5230	Ant1	-3.47	0.56	-2.91	<=11	Pass
NVNT	n40	5230	Ant2	-4.09	0.56	-3.53	<=11	Pass
NVNT	n40	5230	MIMO	-0.759	0.56	-0.199	<=11	Pass
NVNT	ac20	5180	Ant1	-1.619	0.62	-0.999	<=11	Pass
NVNT	ac20	5180	Ant2	-2.283	0.62	-1.663	<=11	Pass
NVNT	ac20	5180	MIMO	1.072	0.62	1.692	<=11	Pass
NVNT	ac20	5200	Ant1	-1.085	0.62	-0.465	<=11	Pass
NVNT	ac20	5200	Ant2	-1.664	0.62	-1.044	<=11	Pass
NVNT	ac20	5200	MIMO	1.645	0.62	2.265	<=11	Pass
NVNT	ac20	5240	Ant1	-0.47	0.61	0.14	<=11	Pass
NVNT	ac20	5240	Ant2	-1.574	0.61	-0.964	<=11	Pass
NVNT	ac20	5240	MIMO	2.023	0.61	2.633	<=11	Pass
NVNT	ac40	5190	Ant1	-2.828	0.68	-2.148	<=11	Pass
NVNT	ac40	5190	Ant2	-5.014	0.68	-4.334	<=11	Pass
NVNT	ac40	5190	MIMO	-0.775	0.68	-0.095	<=11	Pass
NVNT	ac40	5230	Ant1	-3.25	0.64	-2.61	<=11	Pass
NVNT	ac40	5230	Ant2	-4.032	0.64	-3.392	<=11	Pass
NVNT	ac40	5230	MIMO	-0.613	0.64	0.027	<=11	Pass
NVNT	ac80	5210	Ant1	-5.82	0.71	-5.11	<=11	Pass
NVNT	ac80	5210	Ant2	-7.555	0.71	-6.845	<=11	Pass
NVNT	ac80	5210	MIMO	-3.591	0.71	-2.881	<=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



PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5230MHz Ant2



PSD NVNT ac20 5180MHz Ant1



PSD NVNT ac20 5180MHz Ant2



PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5200MHz Ant2



PSD NVNT ac20 5240MHz Ant1



PSD NVNT ac20 5240MHz Ant2



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5190MHz Ant2



PSD NVNT ac40 5230MHz Ant1



PSD NVNT ac40 5230MHz Ant2



PSD NVNT ac80 5210MHz Ant1



PSD NVNT ac80 5210MHz Ant2

