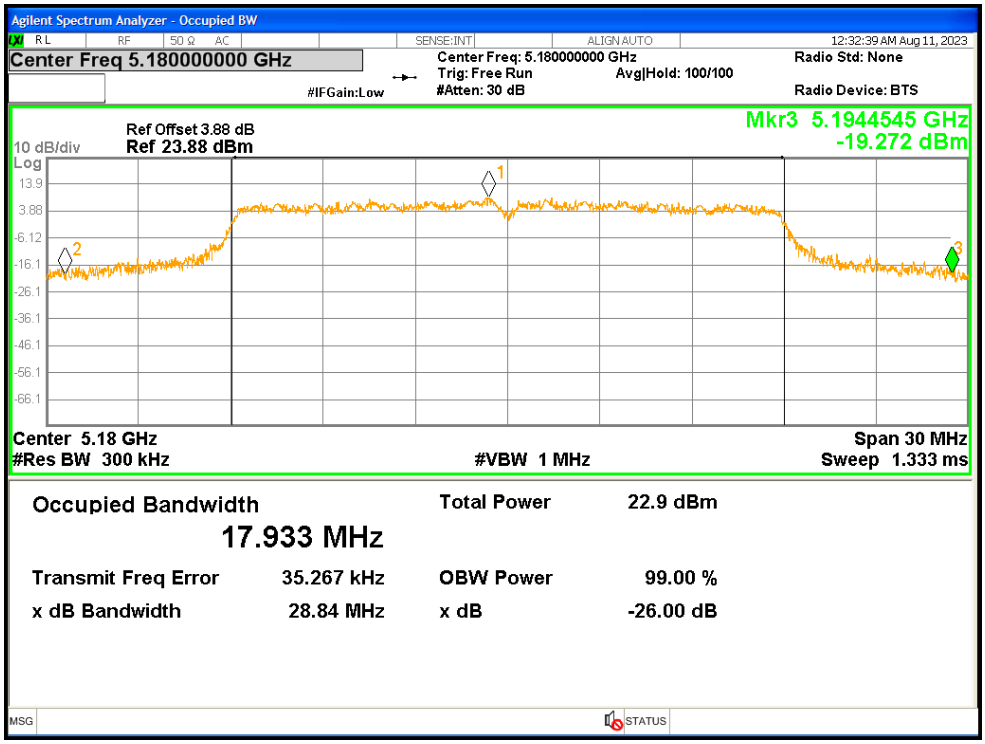
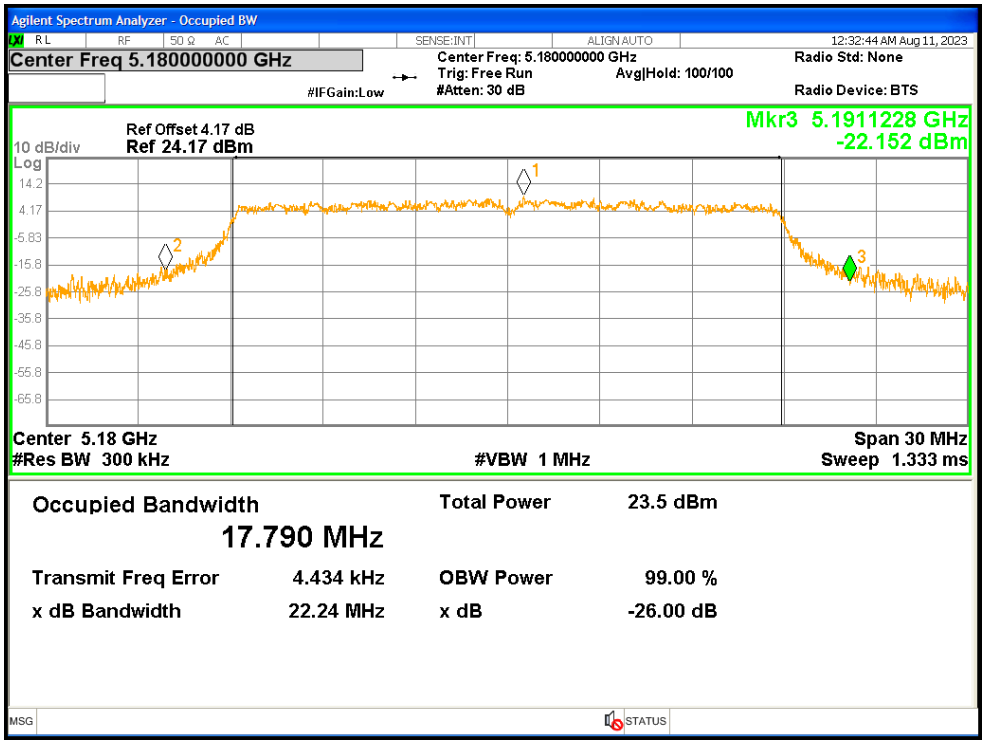
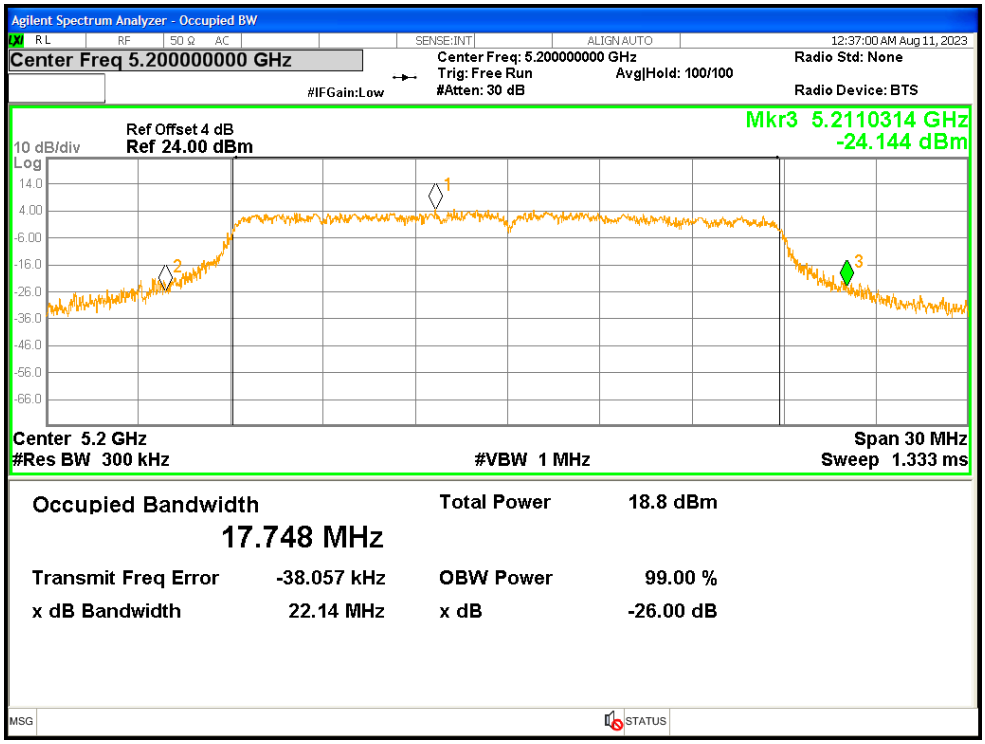
-26dB Bandwidth NVNT n20 5180MHz Ant2



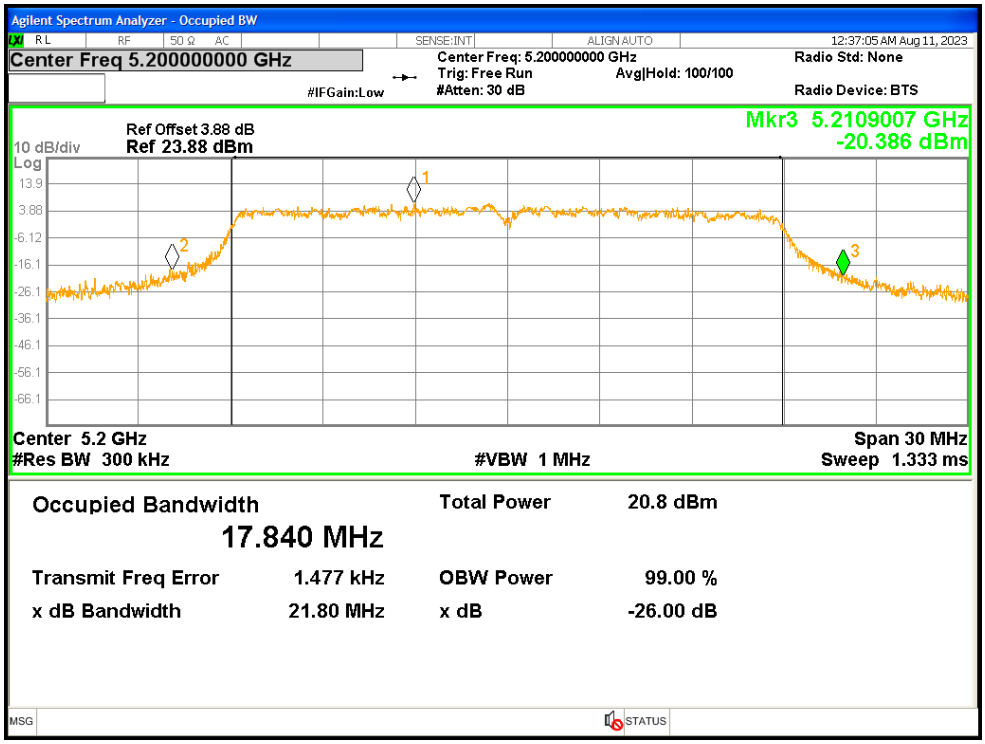
-26dB Bandwidth NVNT n20 5180MHz Ant3



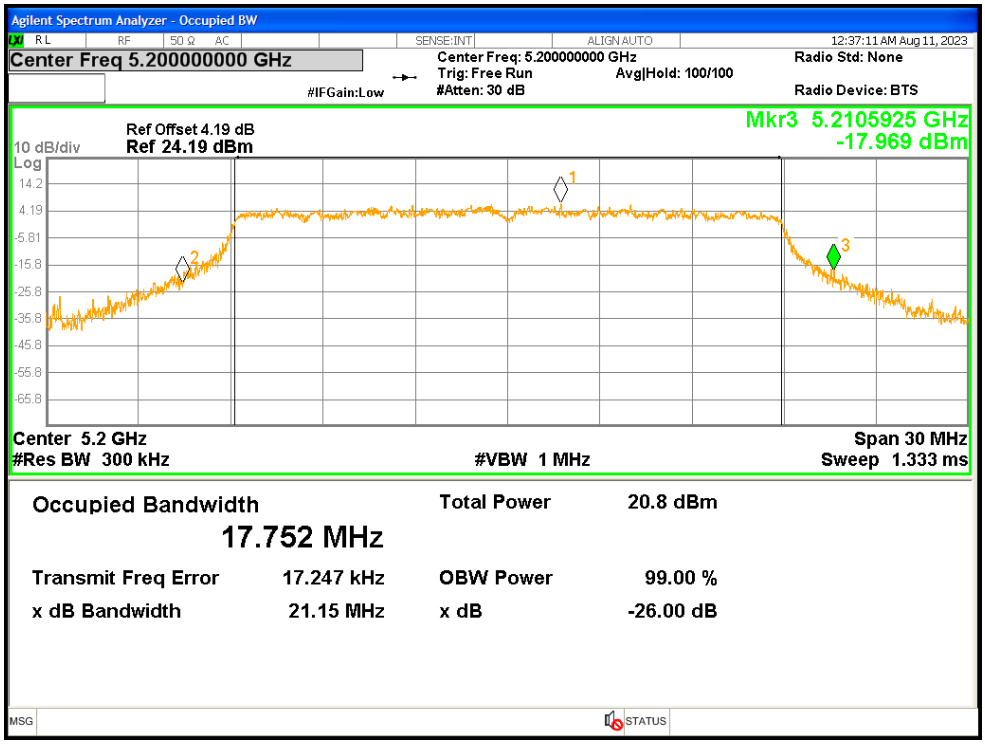
-26dB Bandwidth NVNT n20 5200MHz Ant1



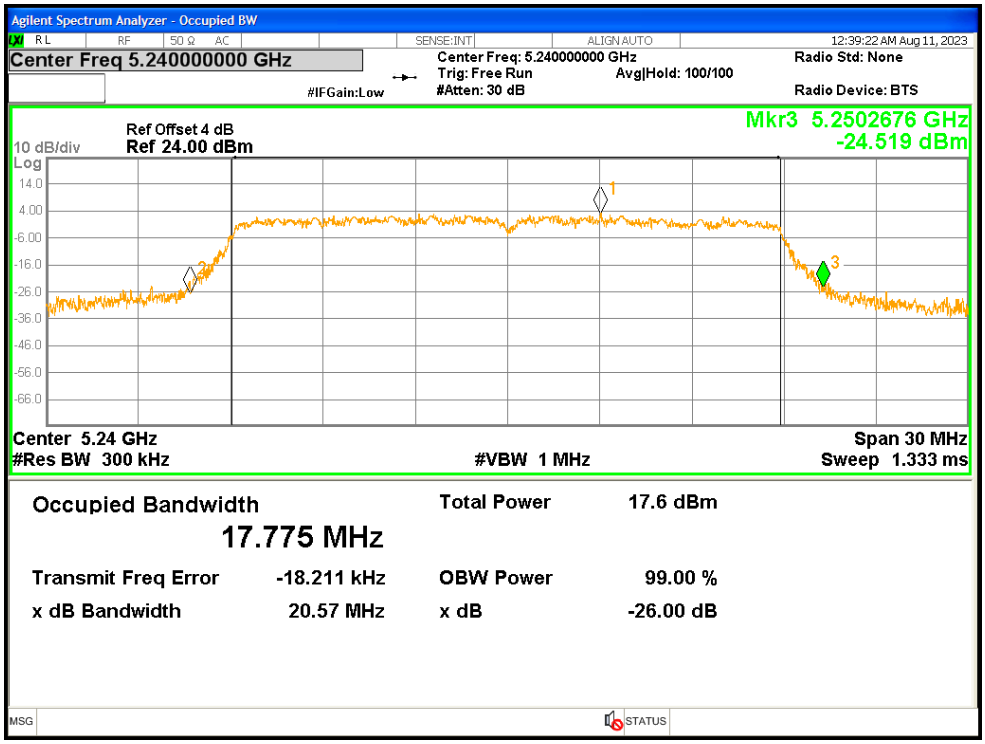
-26dB Bandwidth NVNT n20 5200MHz Ant2



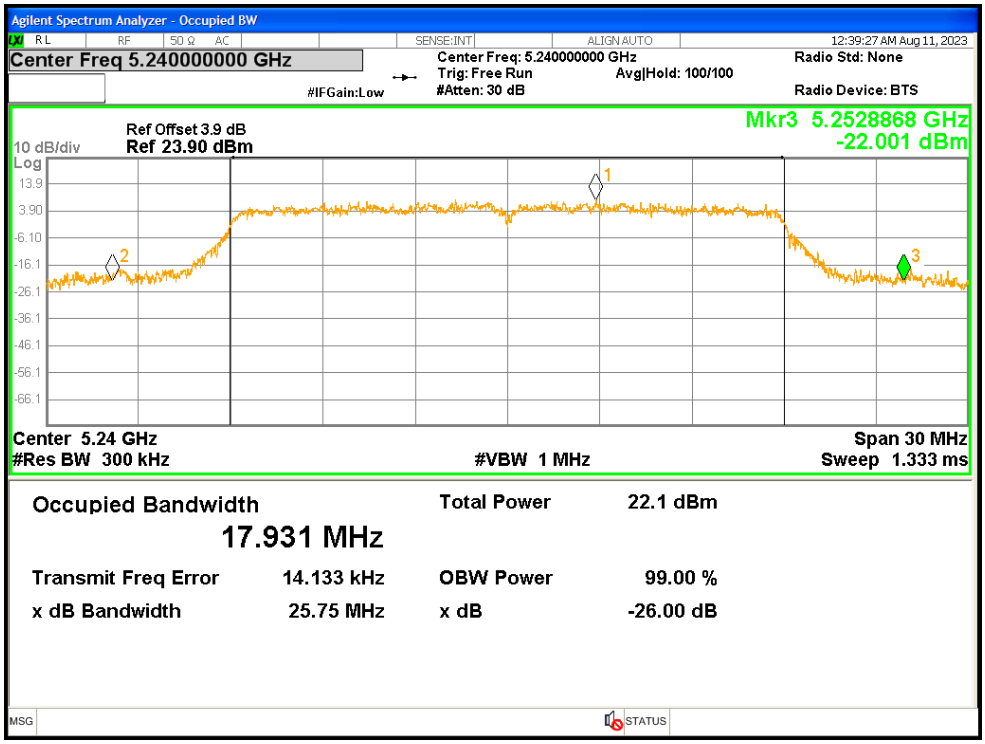
-26dB Bandwidth NVNT n20 5200MHz Ant3



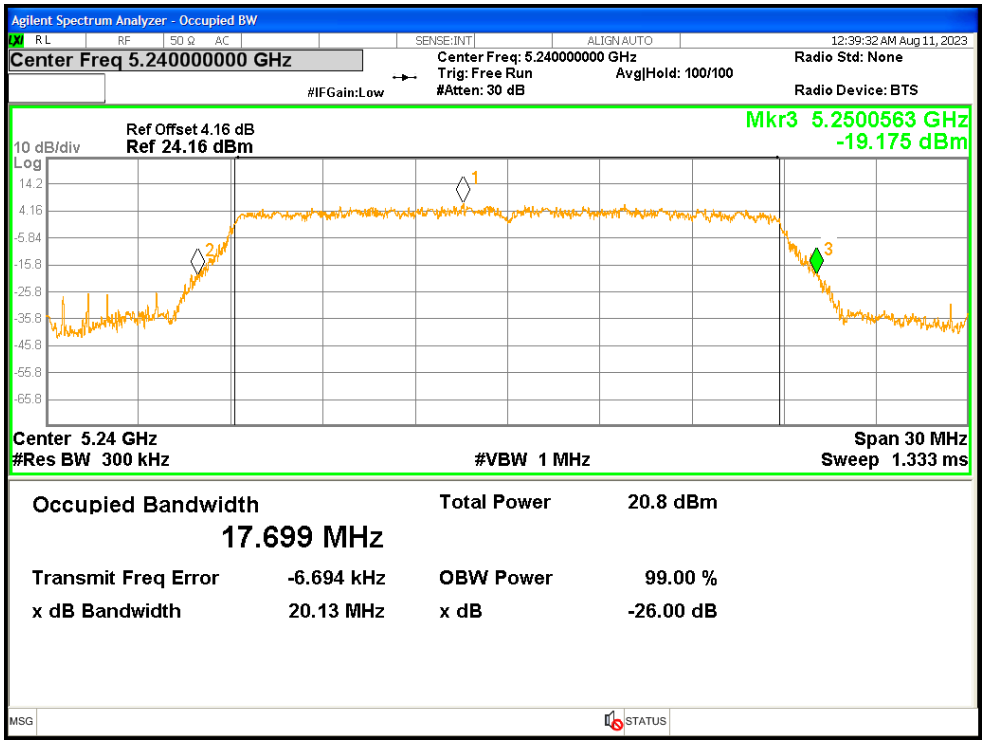
-26dB Bandwidth NVNT n20 5240MHz Ant1



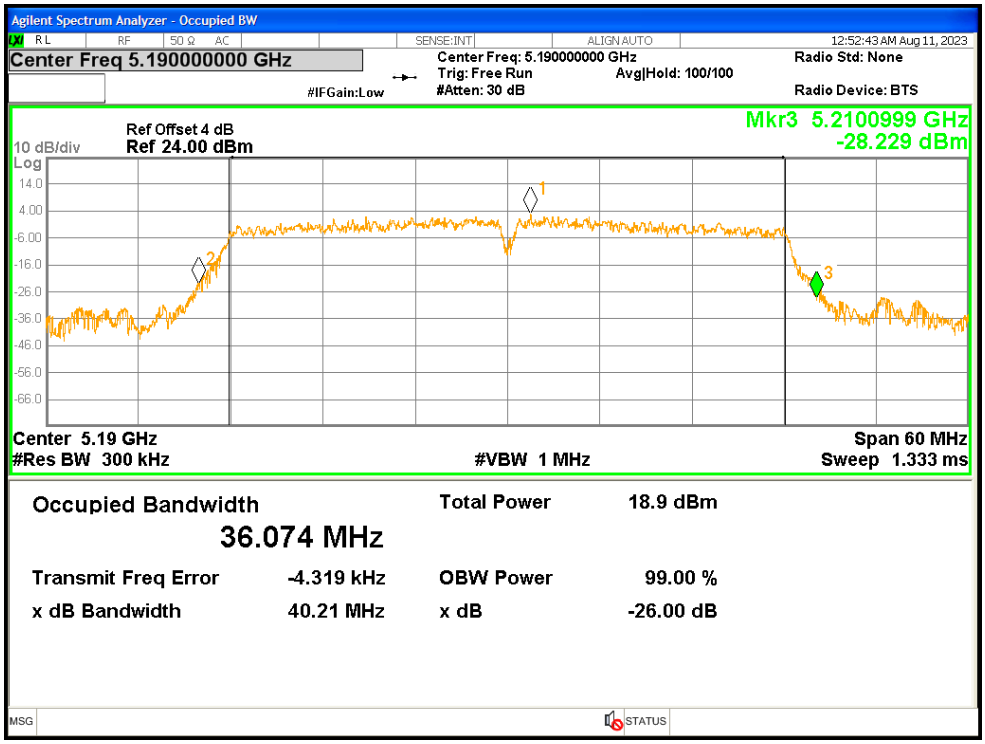
-26dB Bandwidth NVNT n20 5240MHz Ant2



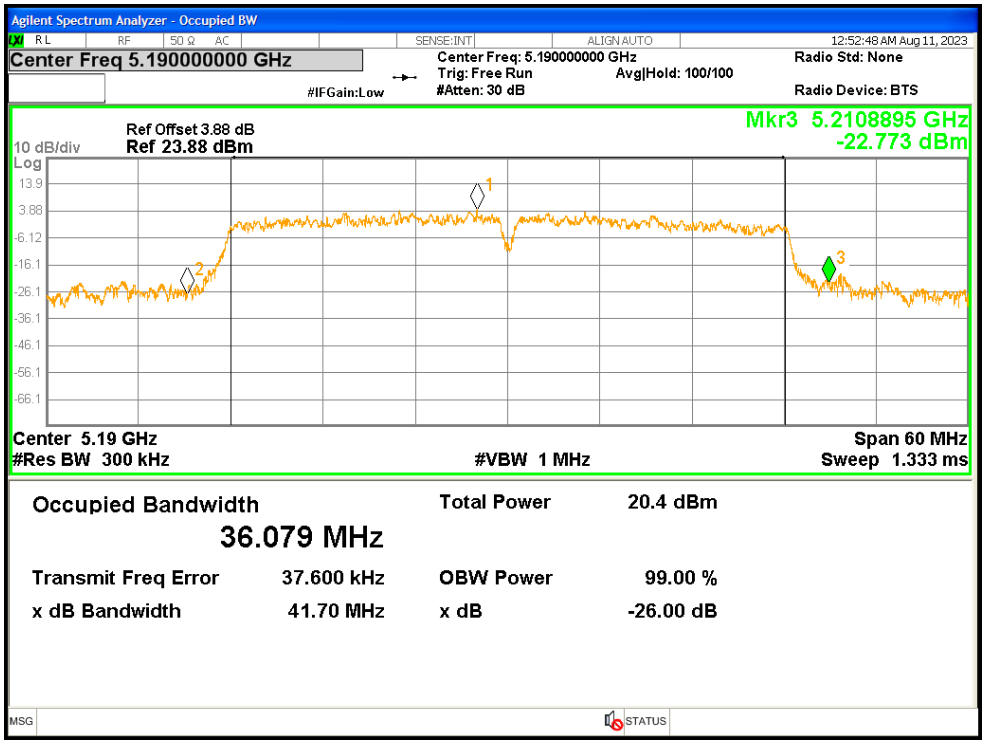
-26dB Bandwidth NVNT n20 5240MHz Ant3



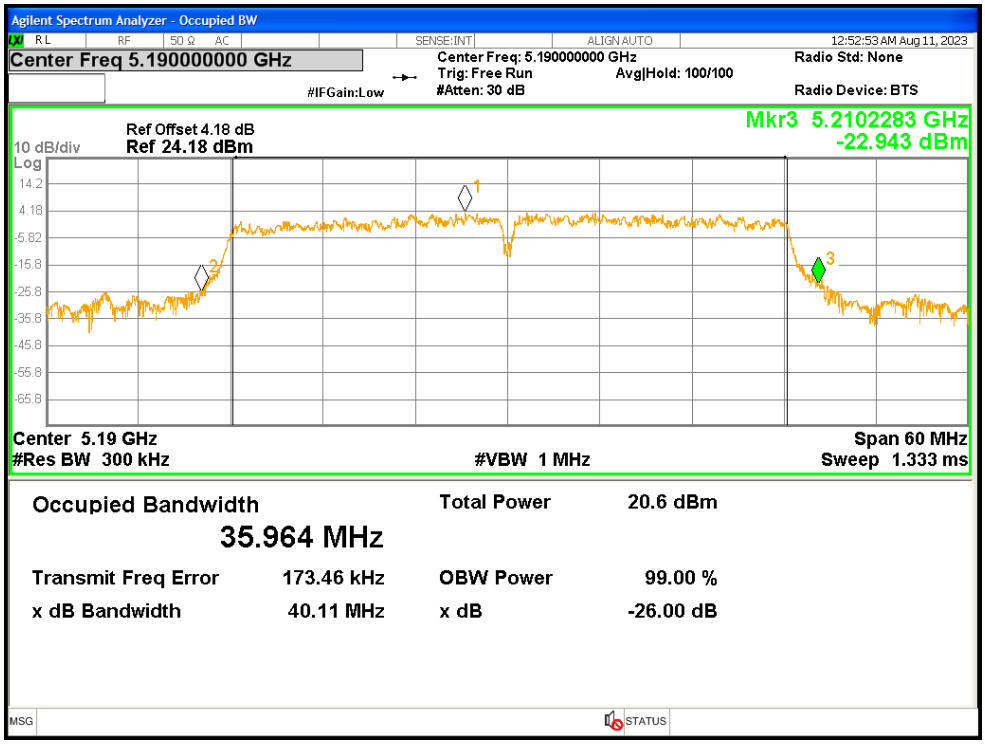
-26dB Bandwidth NVNT n40 5190MHz Ant1



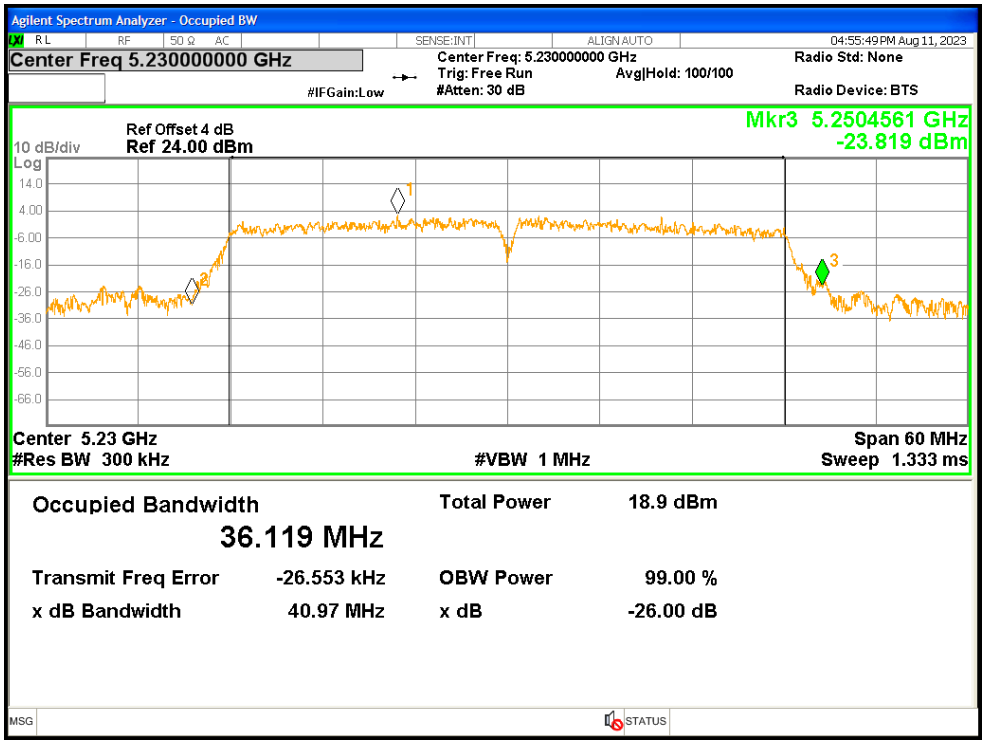
-26dB Bandwidth NVNT n40 5190MHz Ant2



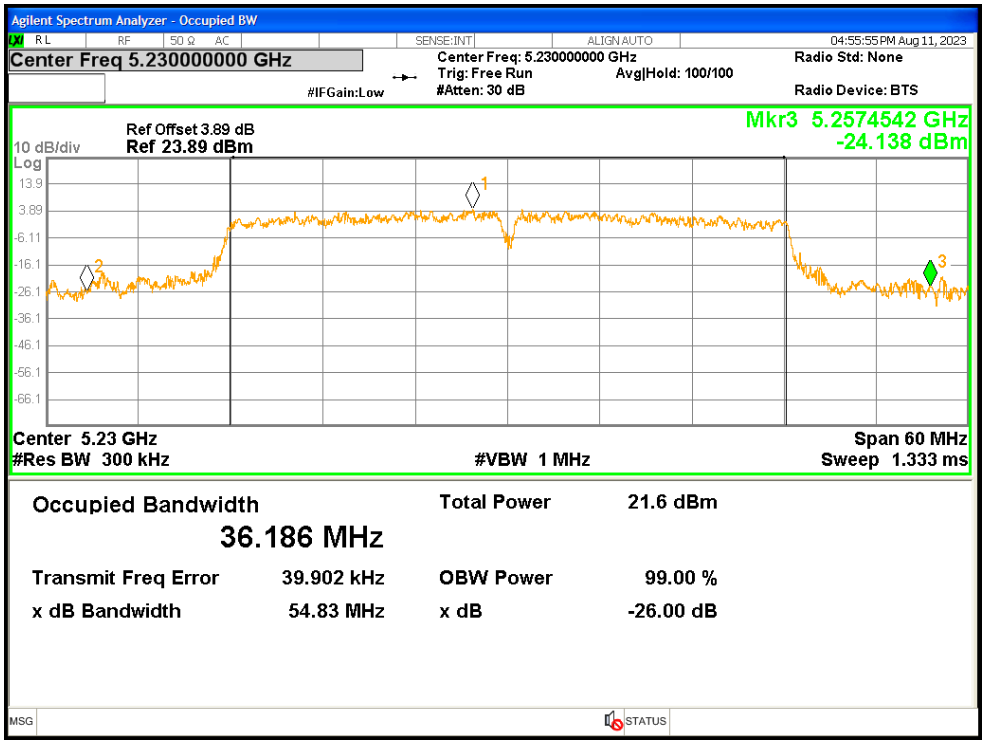
-26dB Bandwidth NVNT n40 5190MHz Ant3



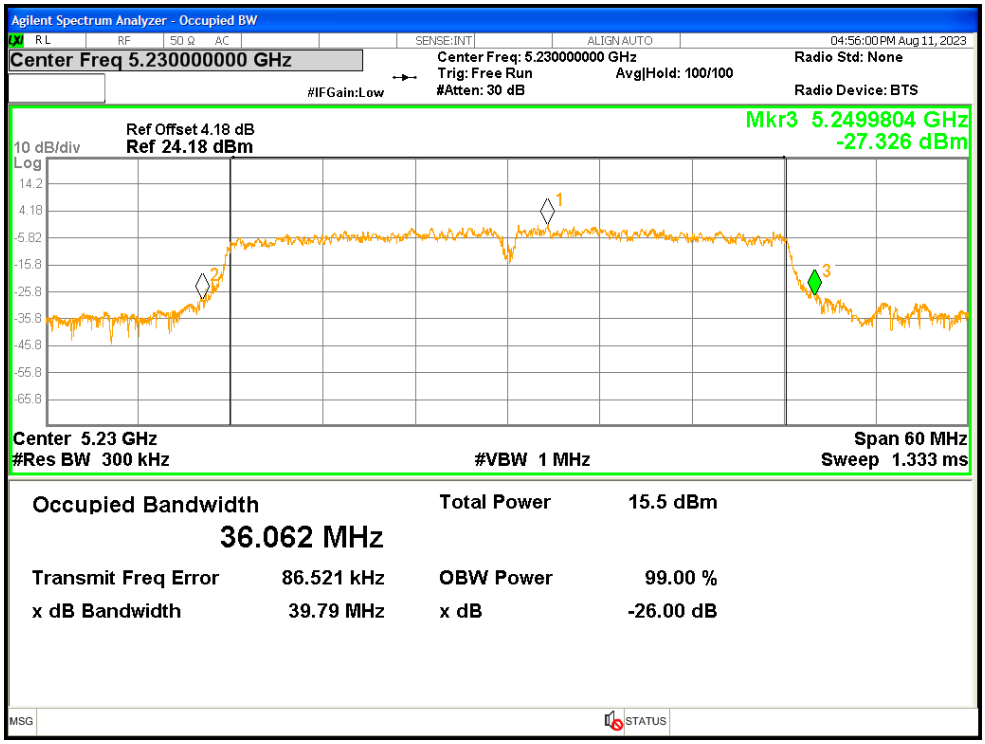
-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant3



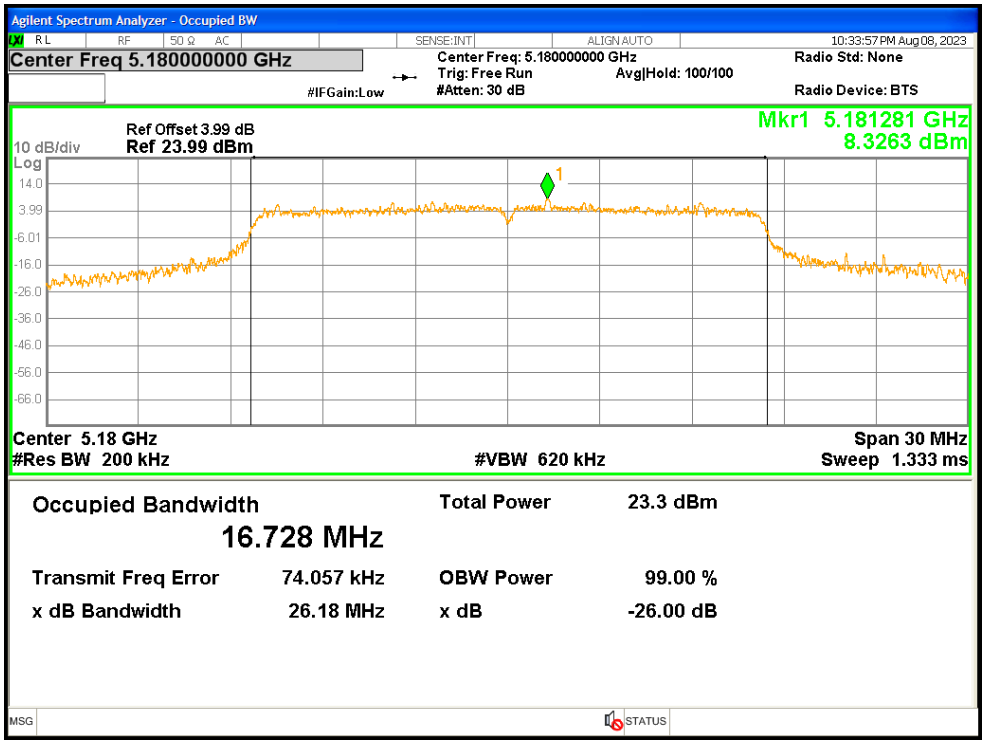
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.7285
NVNT	a	5200	Ant1	16.7039
NVNT	a	5240	Ant1	16.6017
NVNT	a	5180	Ant2	16.7303
NVNT	a	5200	Ant2	16.6327
NVNT	a	5240	Ant2	16.6475
NVNT	a	5180	Ant3	16.5706
NVNT	a	5200	Ant3	16.6333
NVNT	a	5240	Ant3	16.6014
NVNT	ac160	5250	Ant1	155.1669
NVNT	ac160	5250	Ant2	154.8392
NVNT	ac160	5250	Ant3	154.2421
NVNT	ac20	5180	Ant1	17.6983
NVNT	ac20	5180	Ant2	17.7577
NVNT	ac20	5180	Ant3	17.7238
NVNT	ac20	5200	Ant1	17.7402
NVNT	ac20	5200	Ant2	17.8234
NVNT	ac20	5200	Ant3	17.7334
NVNT	ac20	5240	Ant1	17.6573
NVNT	ac20	5240	Ant2	17.7039
NVNT	ac20	5240	Ant3	17.6691
NVNT	ac40	5190	Ant1	35.8327
NVNT	ac40	5190	Ant2	36.2371
NVNT	ac40	5190	Ant3	36.2039
NVNT	ac40	5230	Ant1	35.9833
NVNT	ac40	5230	Ant2	36.2682
NVNT	ac40	5230	Ant3	35.9369
NVNT	ac80	5210	Ant1	75.4046
NVNT	ac80	5210	Ant2	75.6369
NVNT	ac80	5210	Ant3	75.6449
NVNT	ax160	5250	Ant1	155.9338
NVNT	ax160	5250	Ant2	155.6918
NVNT	ax160	5250	Ant3	155.2887
NVNT	ax20	5180	Ant1	18.9251
NVNT	ax20	5180	Ant2	18.9647
NVNT	ax20	5180	Ant3	18.9634
NVNT	ax20	5200	Ant1	18.9563
NVNT	ax20	5200	Ant2	18.949
NVNT	ax20	5200	Ant3	18.9372
NVNT	ax20	5240	Ant1	18.9177
NVNT	ax20	5240	Ant2	18.9285

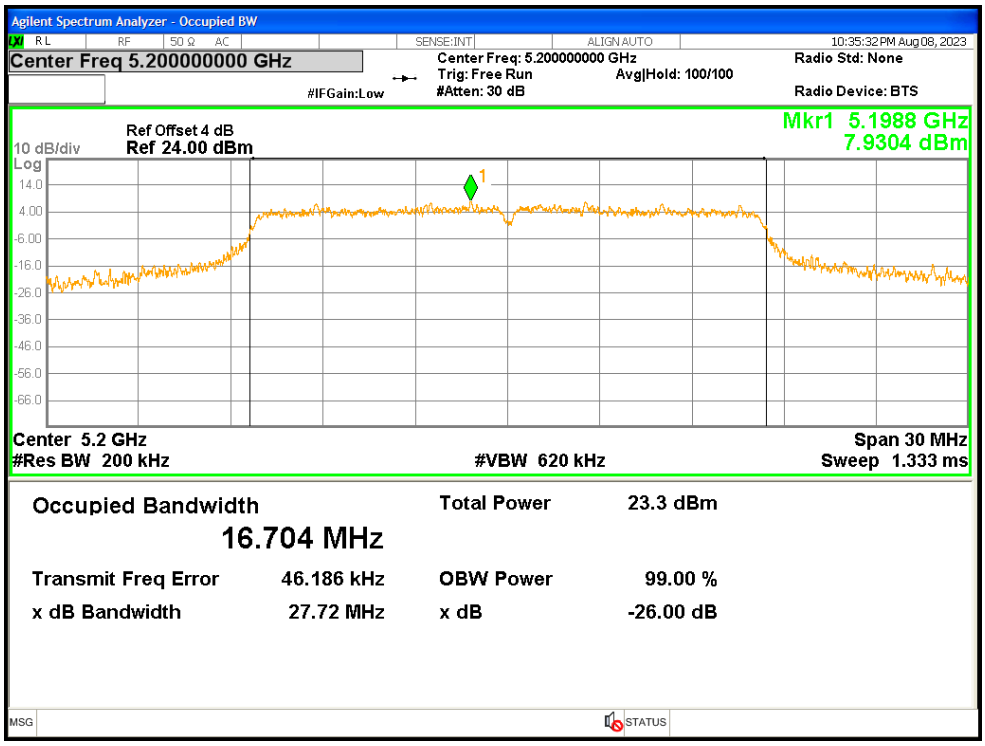
NVNT	ax20	5240	Ant3	18.8471
NVNT	ax40	5190	Ant1	37.3311
NVNT	ax40	5190	Ant2	37.6549
NVNT	ax40	5190	Ant3	37.6788
NVNT	ax40	5230	Ant1	37.5994
NVNT	ax40	5230	Ant2	37.7303
NVNT	ax40	5230	Ant3	37.5334
NVNT	ax80	5210	Ant1	76.3866
NVNT	ax80	5210	Ant2	77.2897
NVNT	ax80	5210	Ant3	77.1127
NVNT	n20	5180	Ant1	17.6828
NVNT	n20	5180	Ant2	17.8
NVNT	n20	5180	Ant3	17.6661
NVNT	n20	5200	Ant1	17.6234
NVNT	n20	5200	Ant2	17.6895
NVNT	n20	5200	Ant3	17.6423
NVNT	n20	5240	Ant1	17.6736
NVNT	n20	5240	Ant2	17.7902
NVNT	n20	5240	Ant3	17.6578
NVNT	n40	5190	Ant1	36.1554
NVNT	n40	5190	Ant2	36.146
NVNT	n40	5190	Ant3	36.0764
NVNT	n40	5230	Ant1	36.2466
NVNT	n40	5230	Ant2	36.2639
NVNT	n40	5230	Ant3	36.0963

Test Graphs

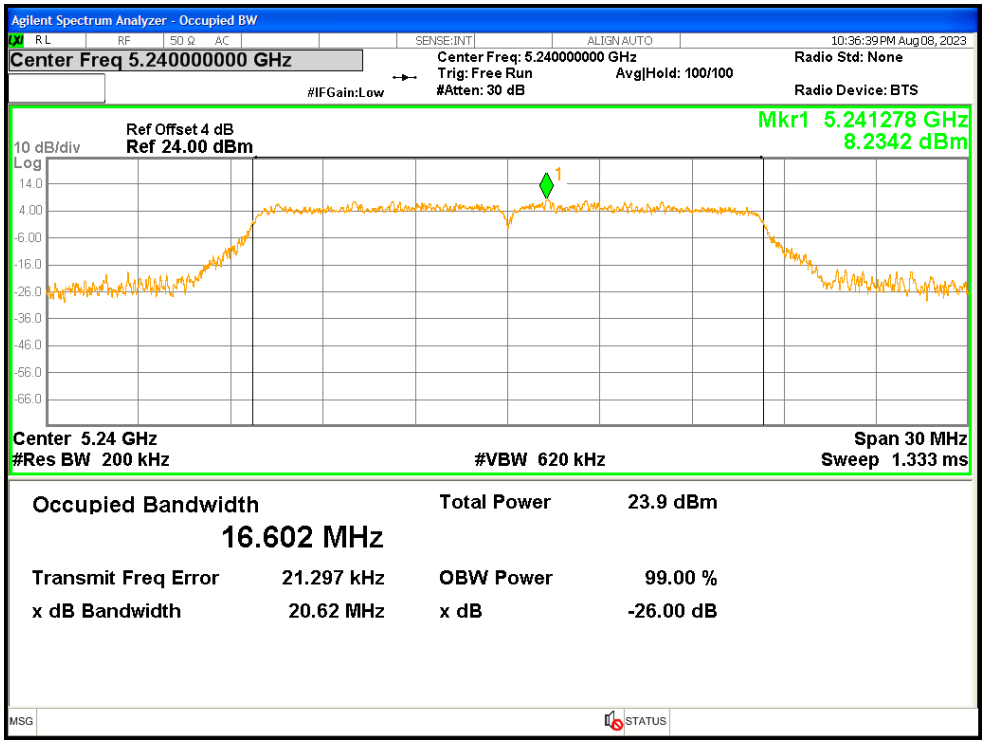
OBW NVNT a 5180MHz Ant1



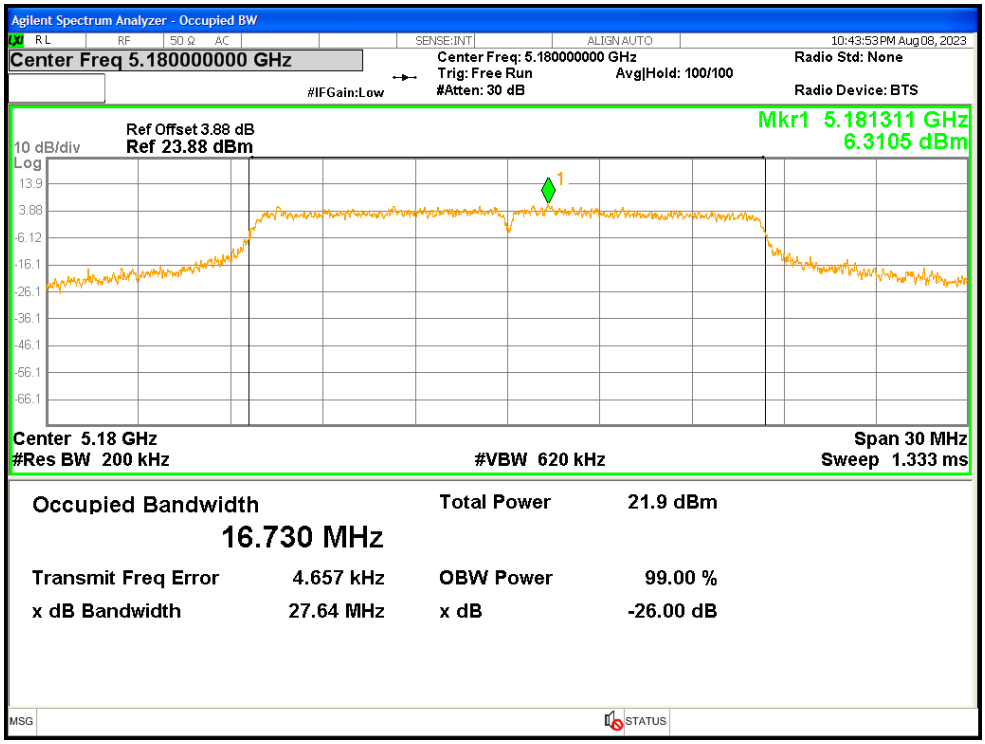
OBW NVNT a 5200MHz Ant1



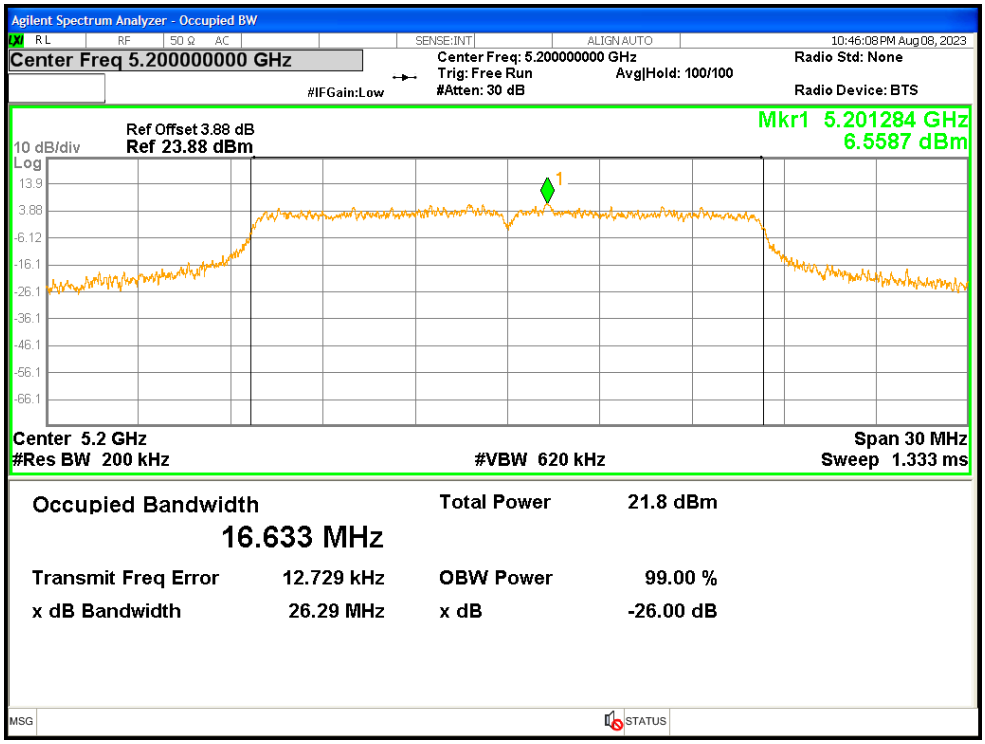
OBW NVNT a 5240MHz Ant1



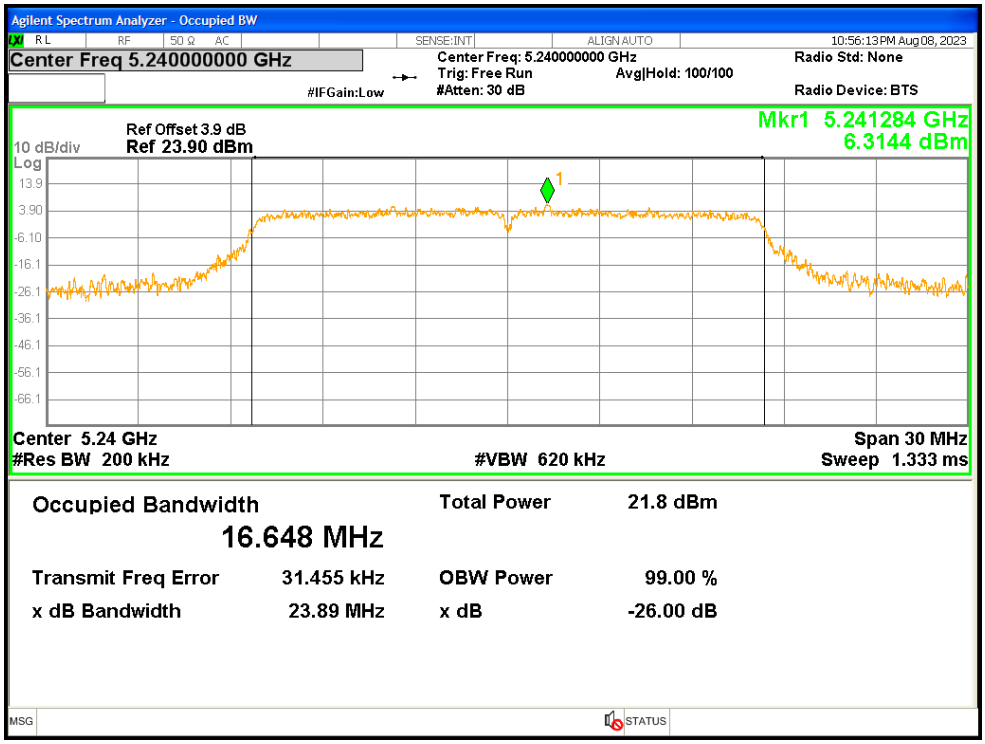
OBW NVNT a 5180MHz Ant2



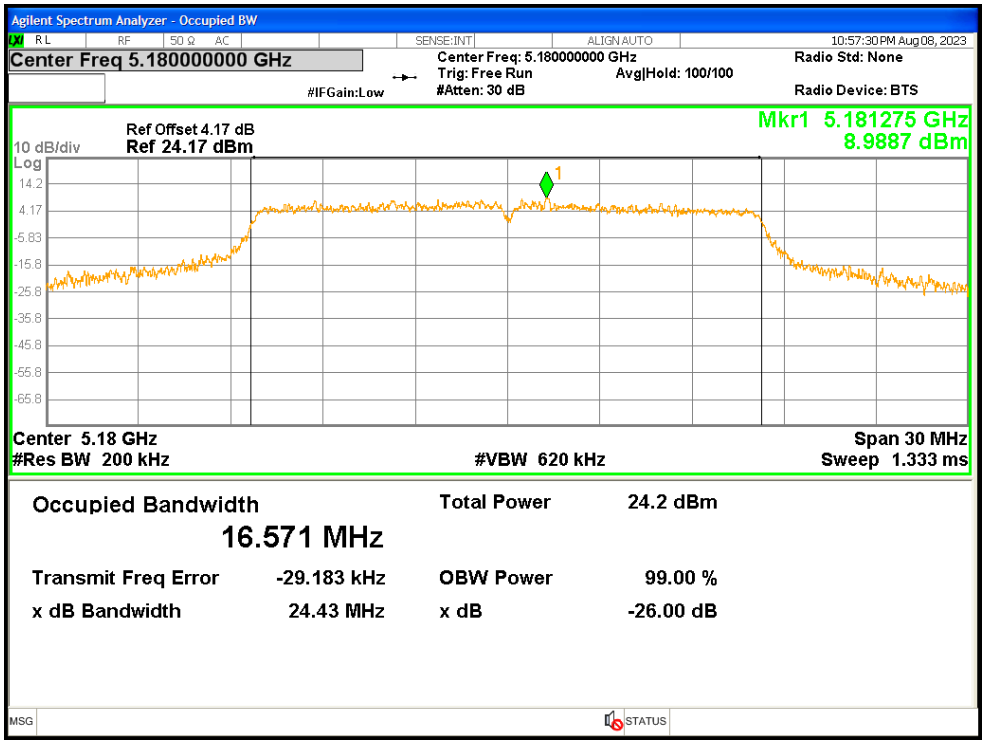
OBW NVNT a 5200MHz Ant2



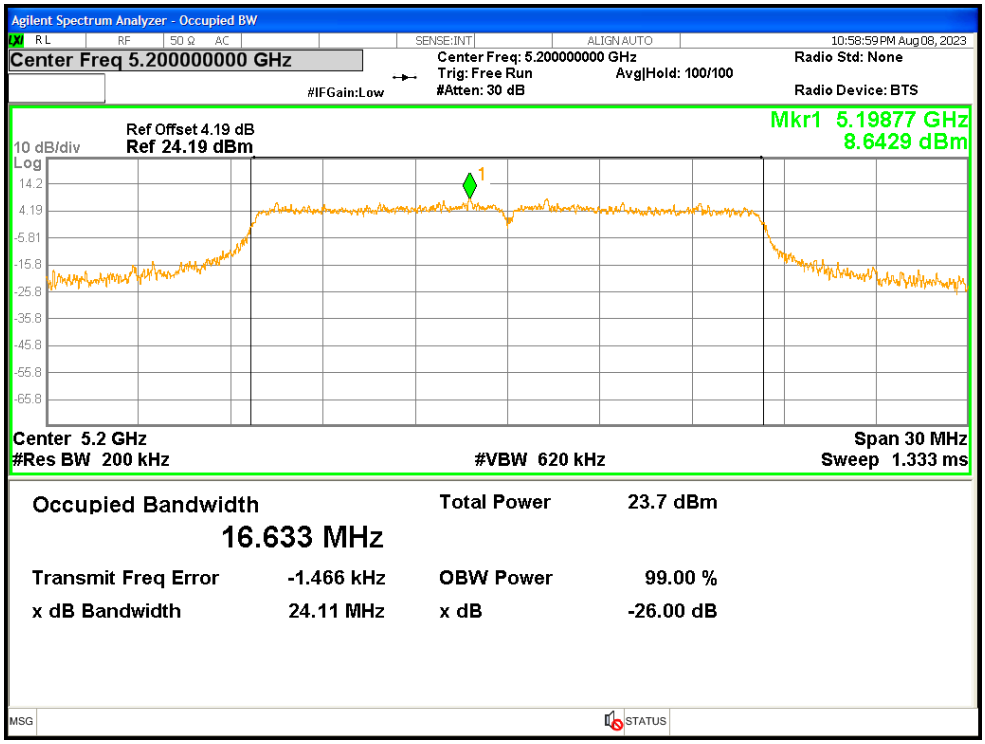
OBW NVNT a 5240MHz Ant2



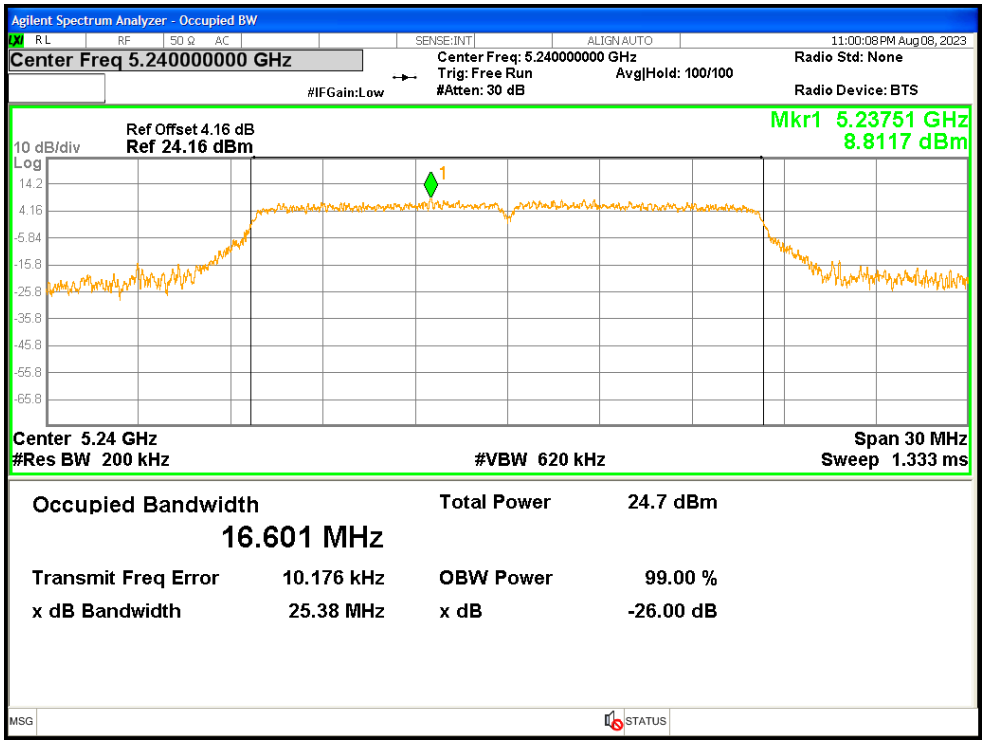
OBW NVNT a 5180MHz Ant3



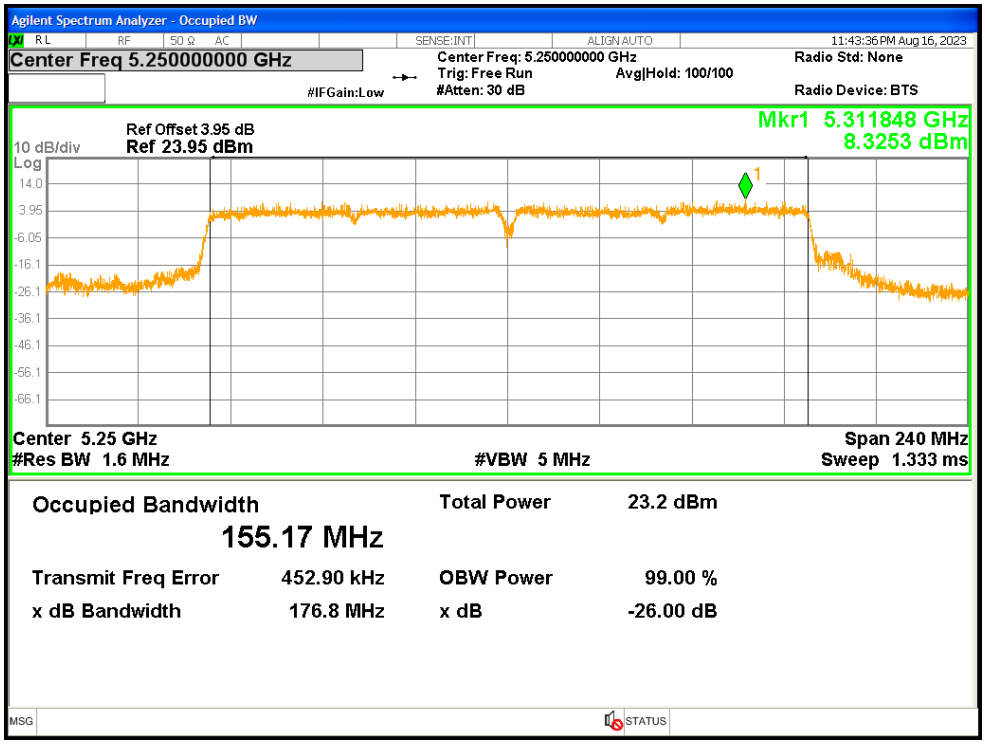
OBW NVNT a 5200MHz Ant3



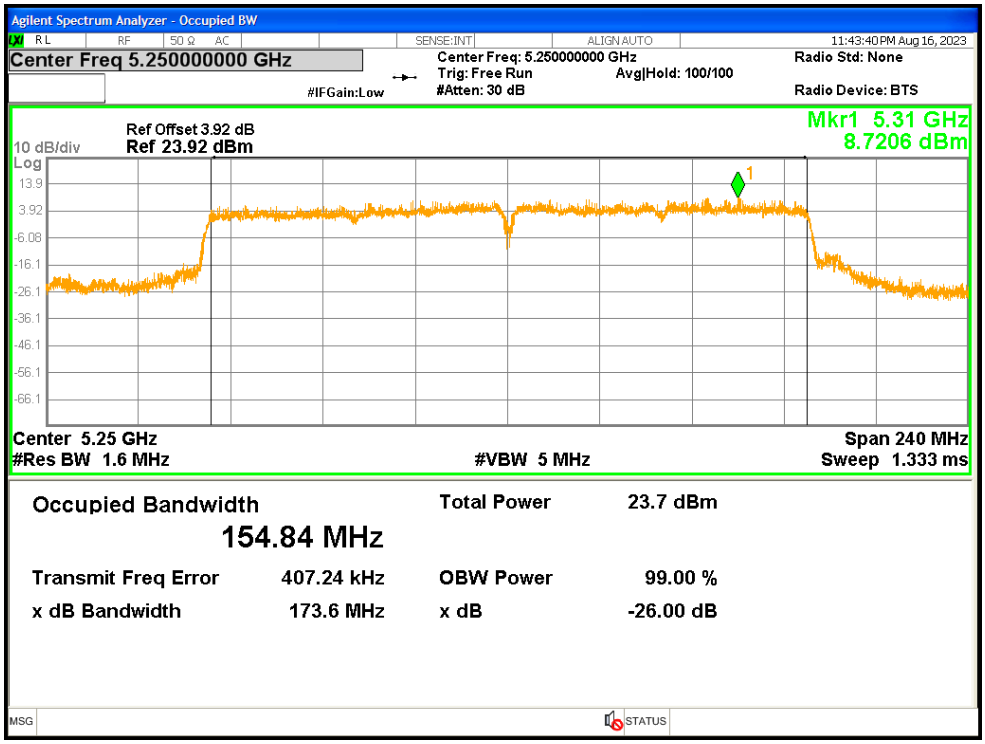
OBW NVNT a 5240MHz Ant3



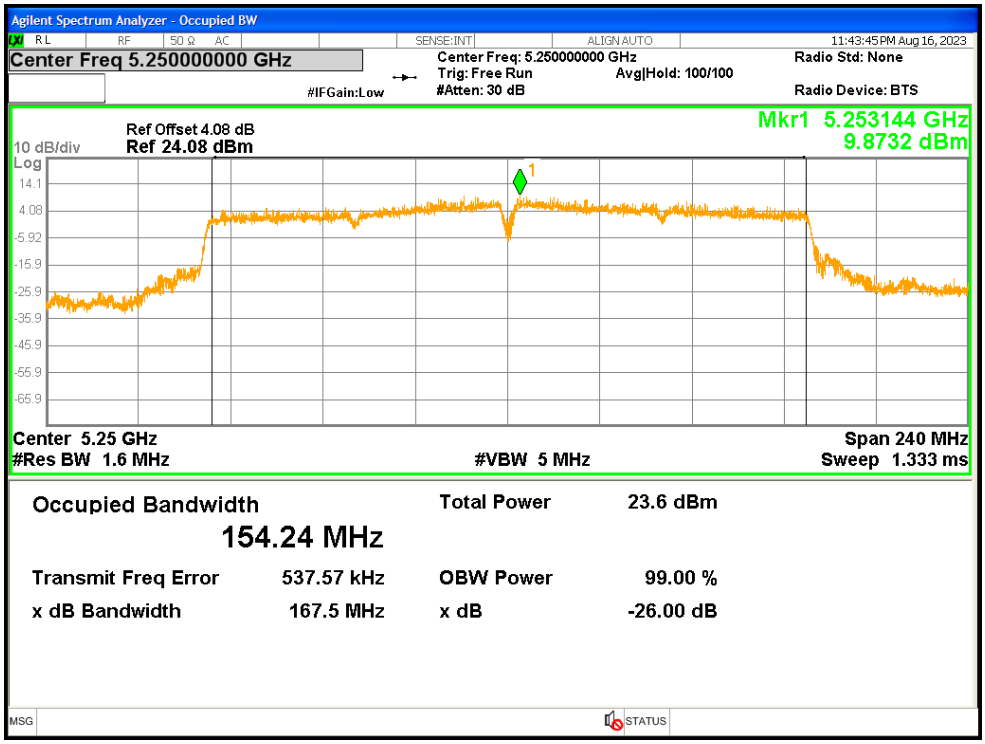
OBW NVNT ac160 5250MHz Ant1



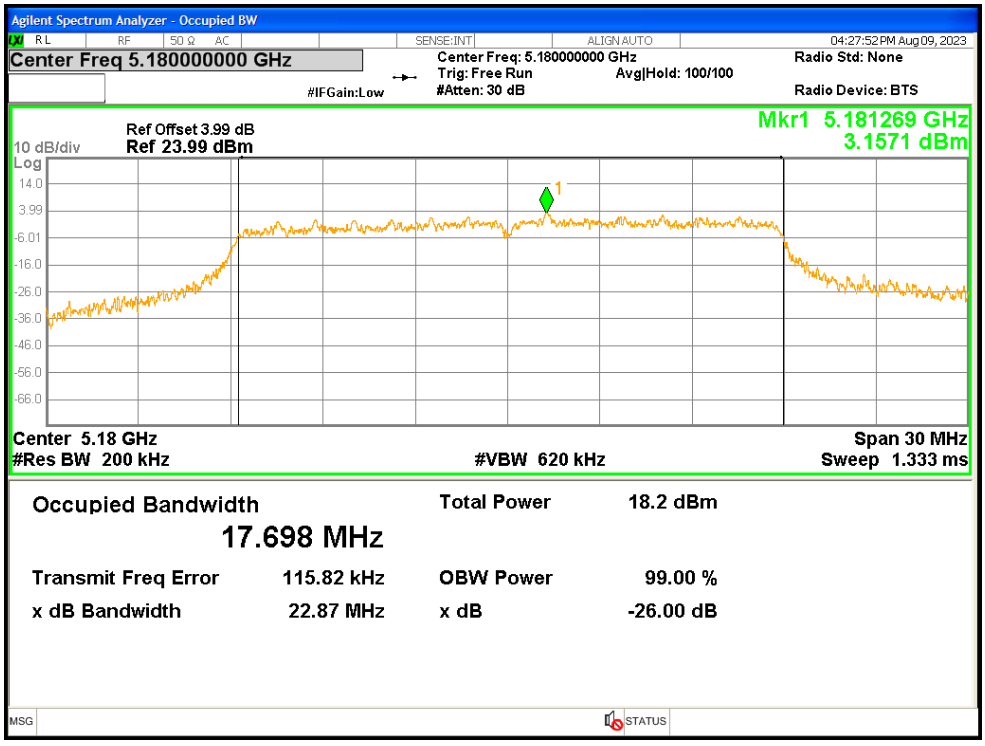
OBW NVNT ac160 5250MHz Ant2



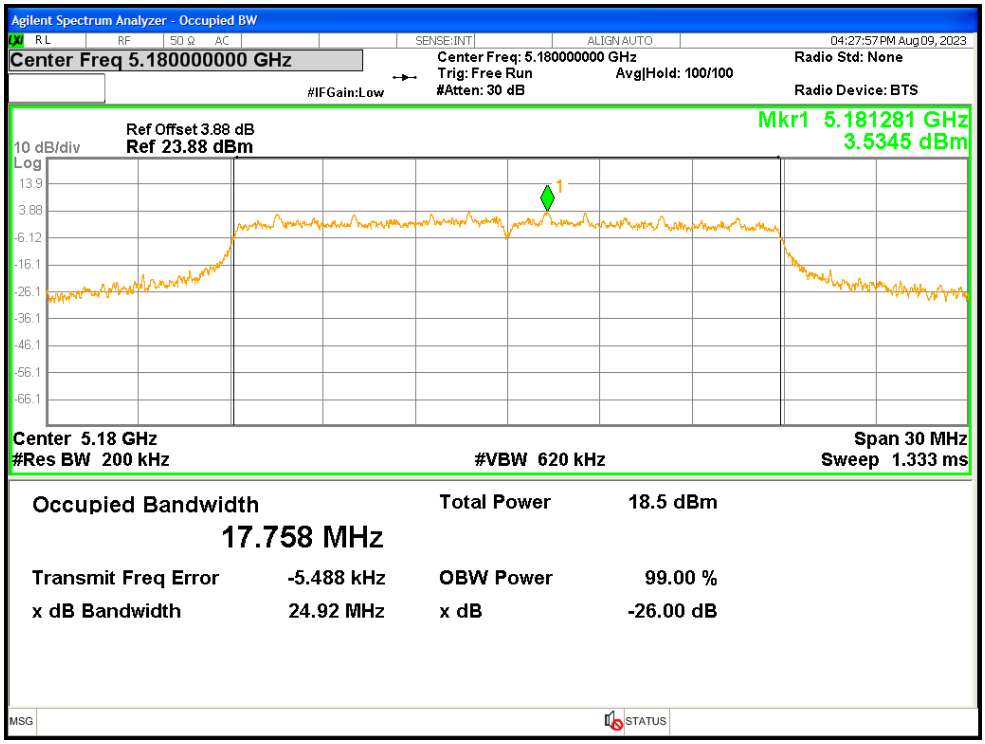
OBW NVNT ac160 5250MHz Ant3



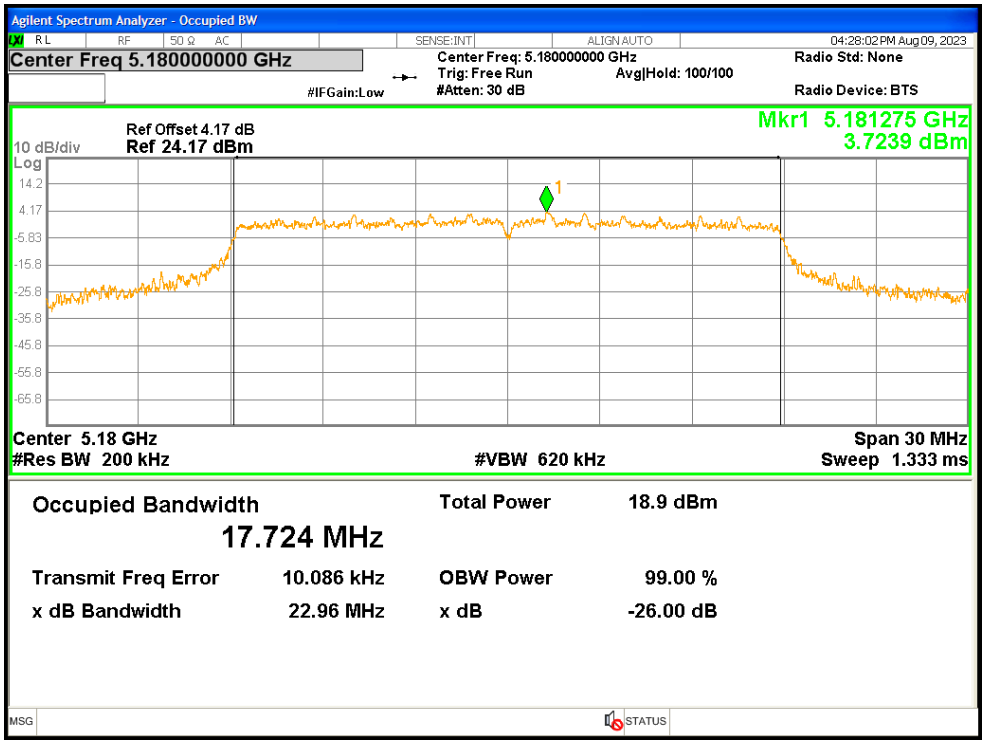
OBW NVNT ac20 5180MHz Ant1



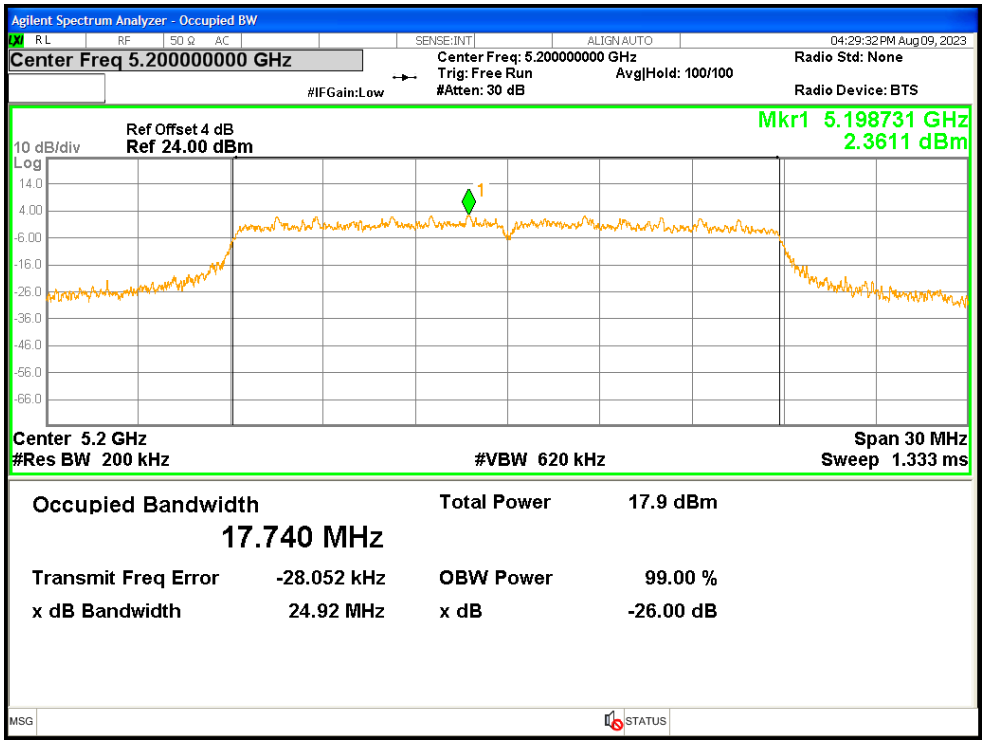
OBW NVNT ac20 5180MHz Ant2



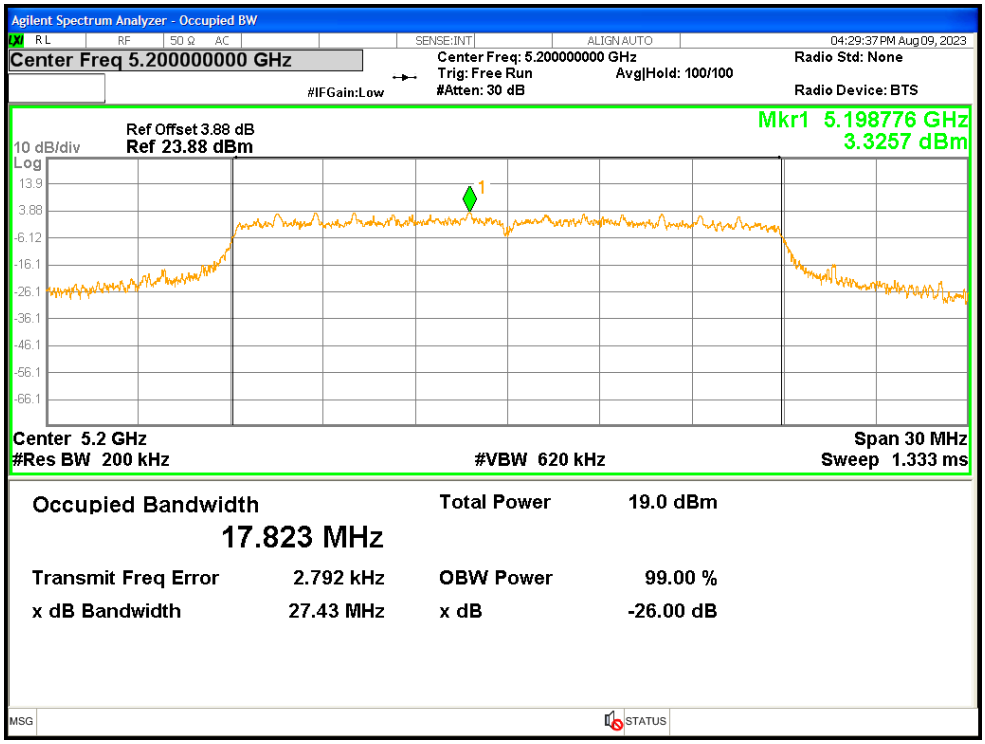
OBW NVNT ac20 5180MHz Ant3



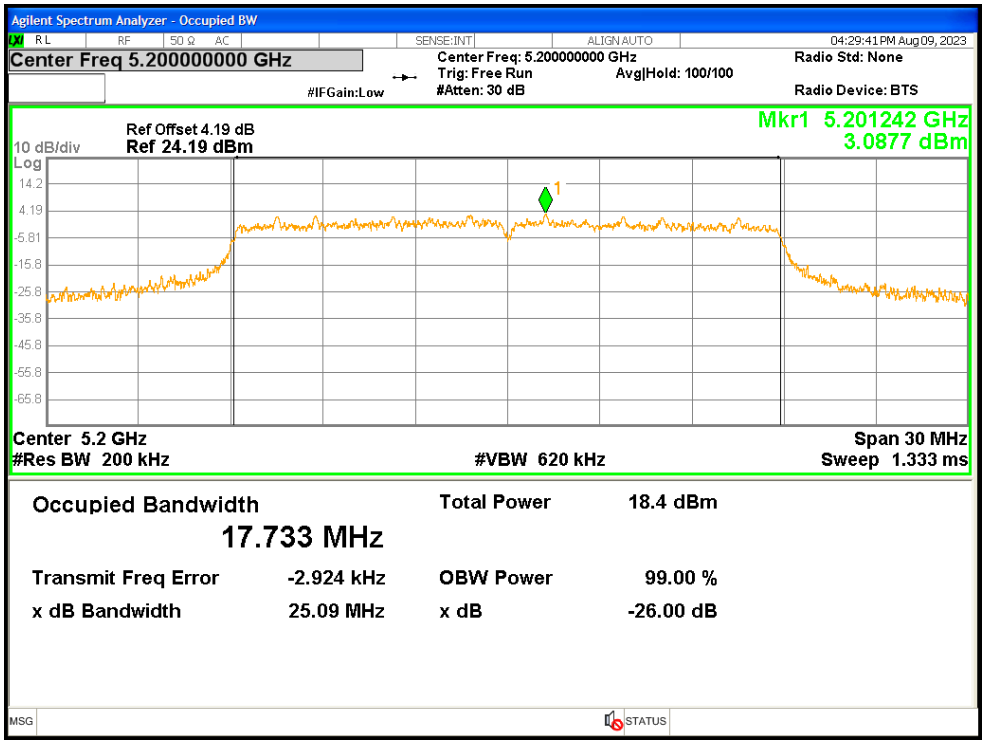
OBW NVNT ac20 5200MHz Ant1



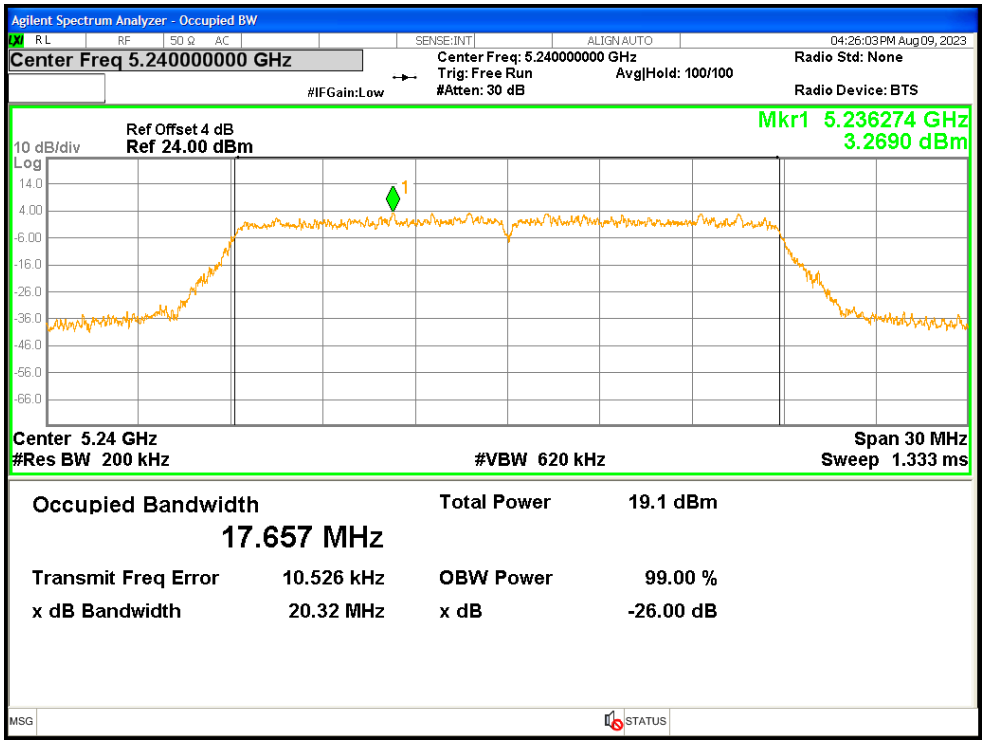
OBW NVNT ac20 5200MHz Ant2



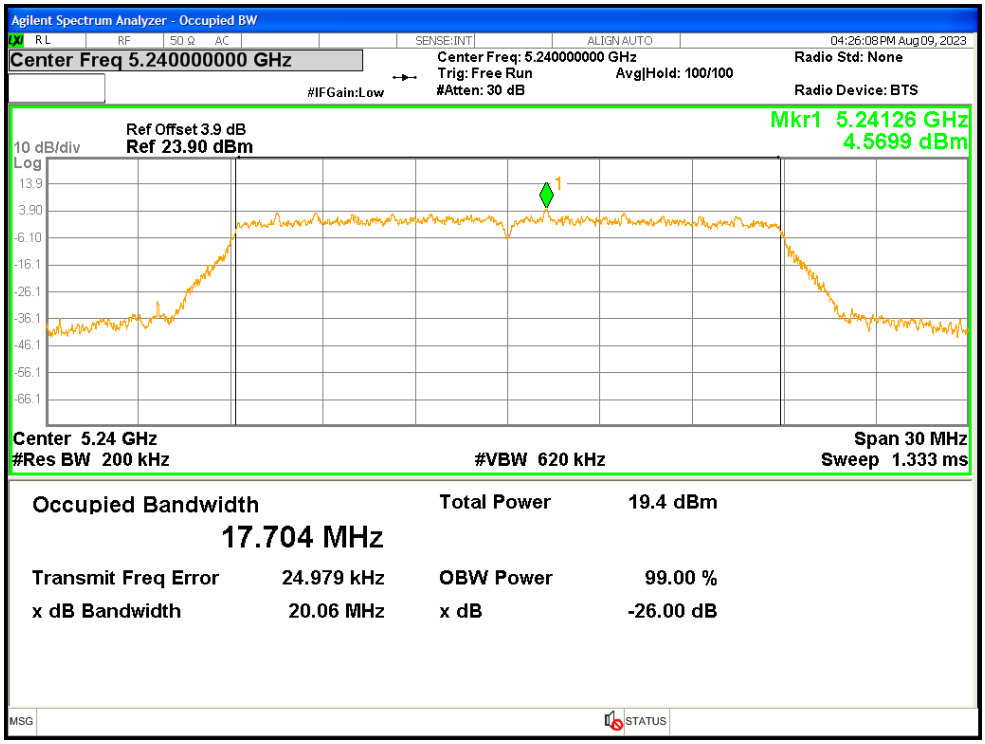
OBW NVNT ac20 5200MHz Ant3



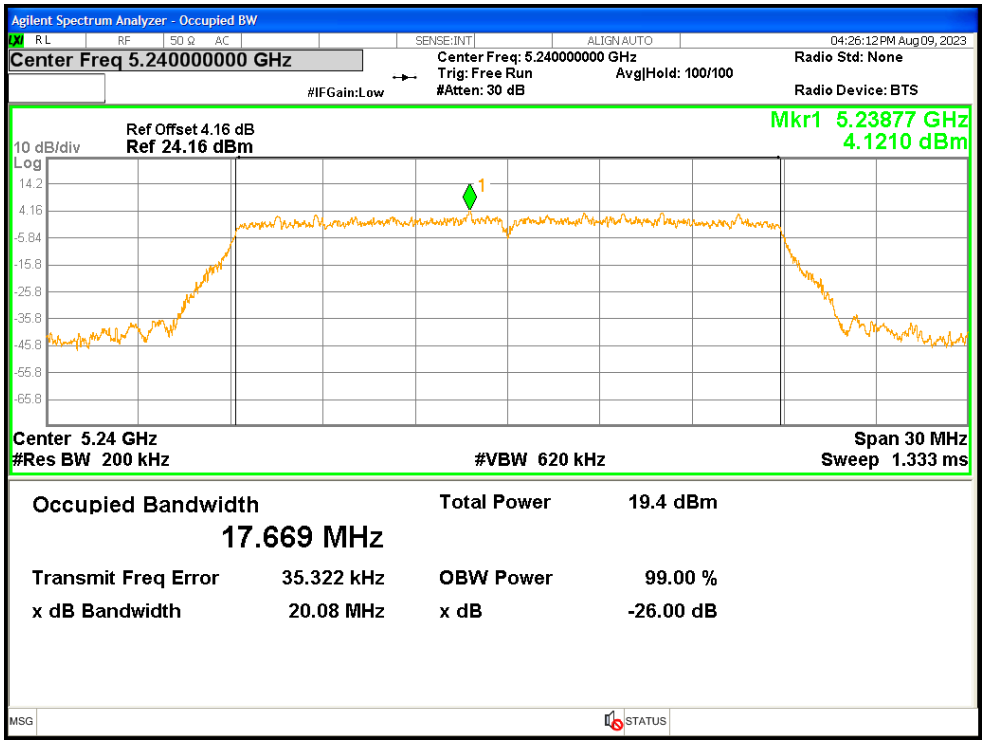
OBW NVNT ac20 5240MHz Ant1



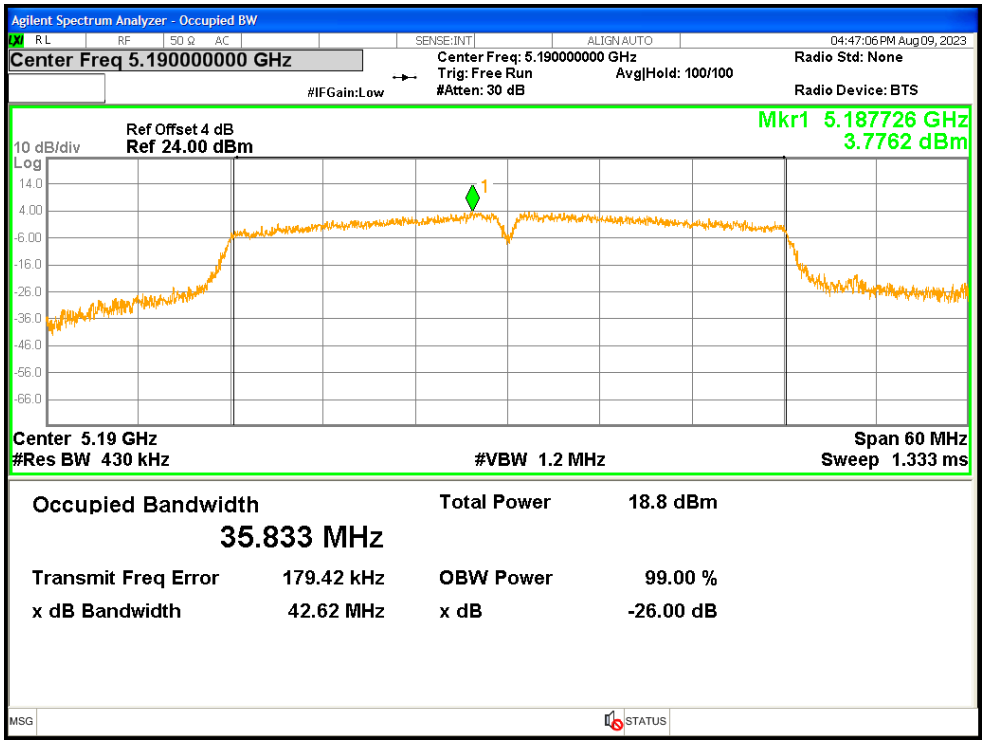
OBW NVNT ac20 5240MHz Ant2



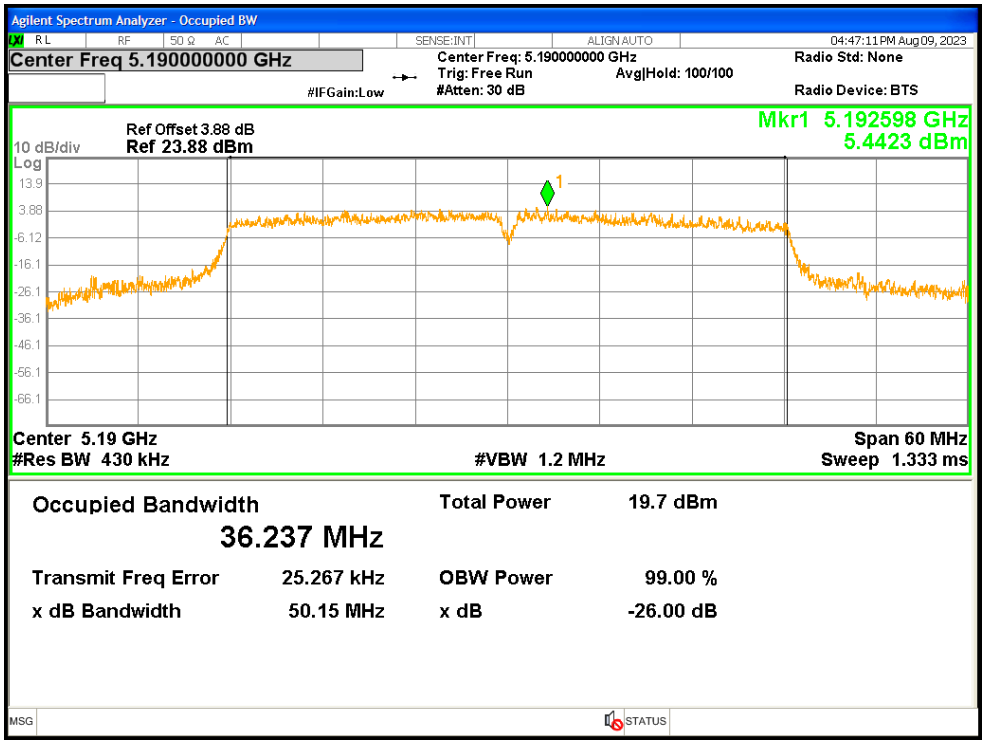
OBW NVNT ac20 5240MHz Ant3



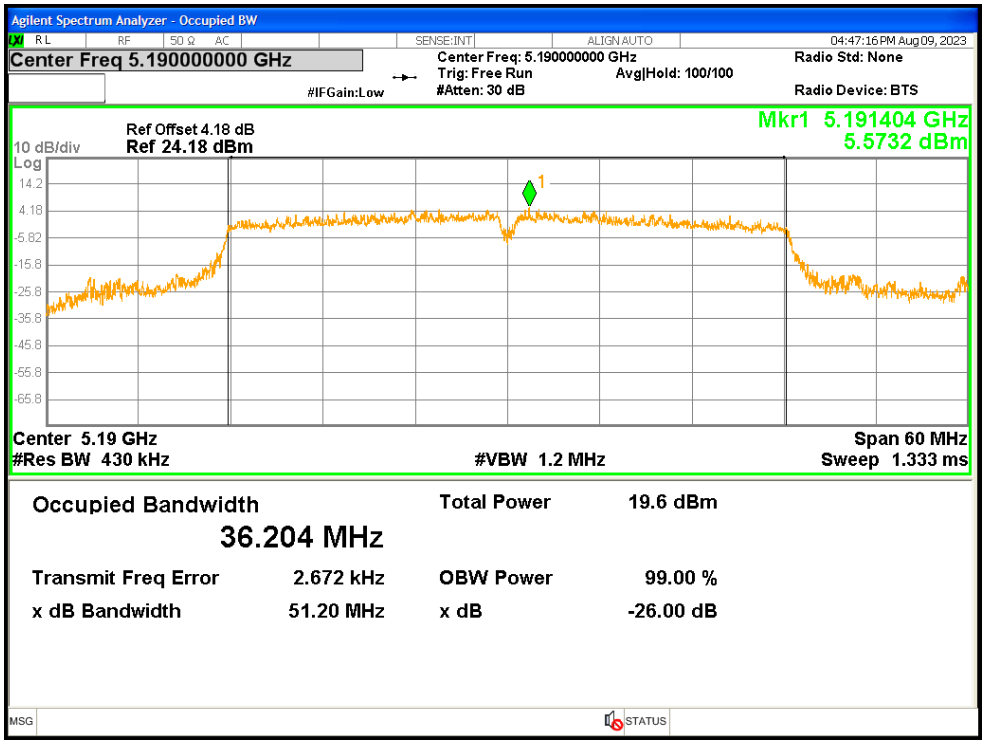
OBW NVNT ac40 5190MHz Ant1



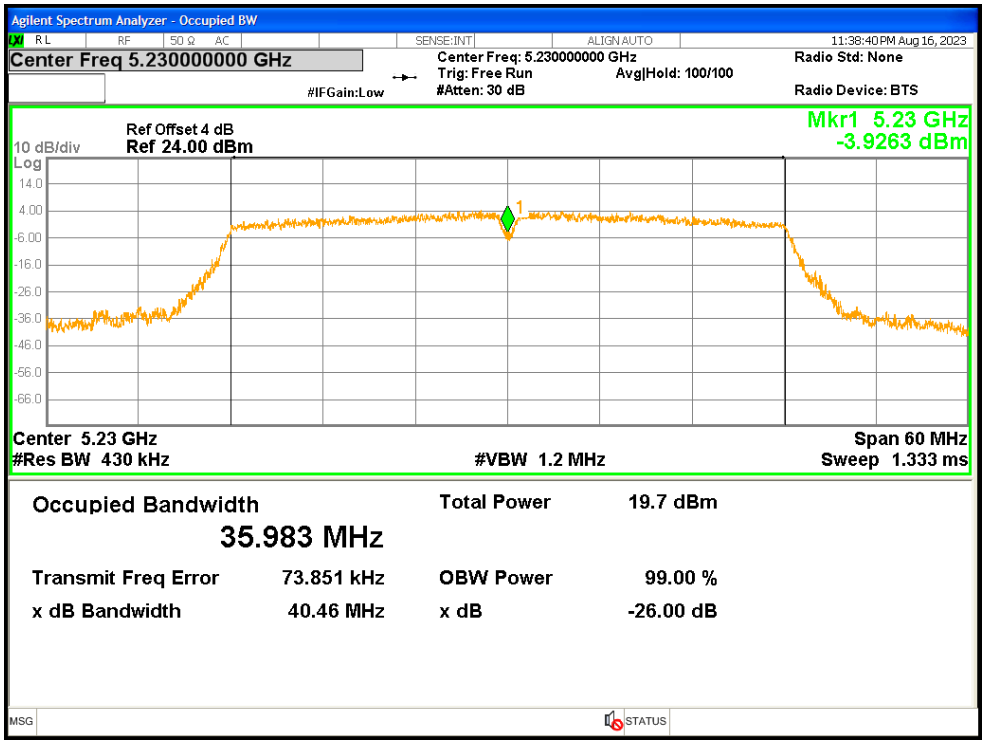
OBW NVNT ac40 5190MHz Ant2



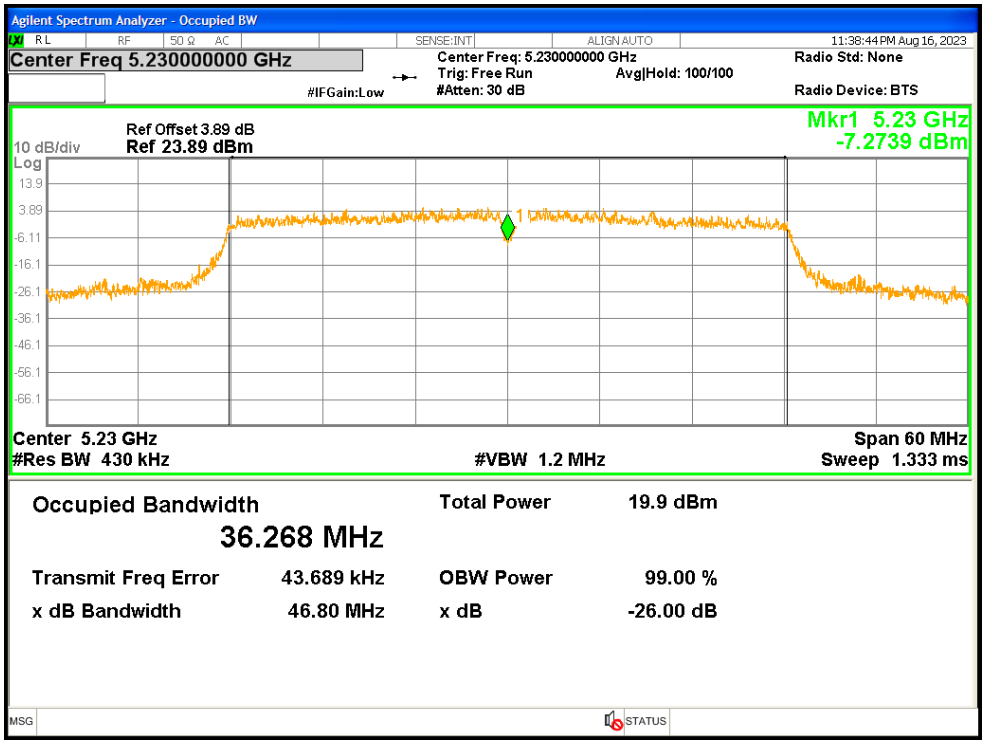
OBW NVNT ac40 5190MHz Ant3



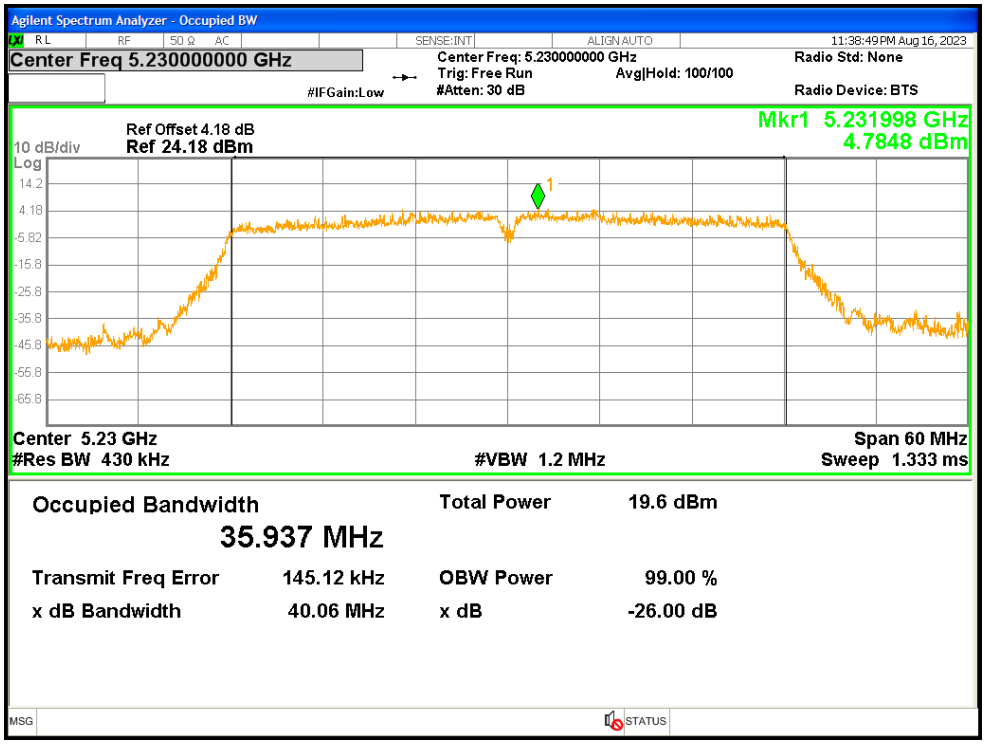
OBW NVNT ac40 5230MHz Ant1



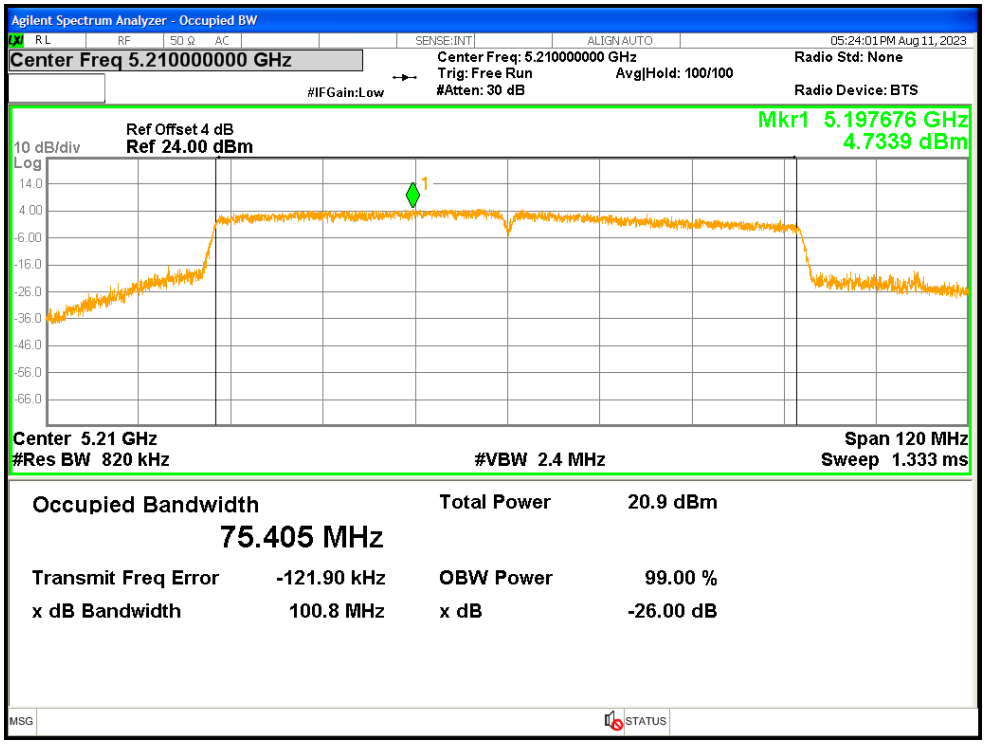
OBW NVNT ac40 5230MHz Ant2



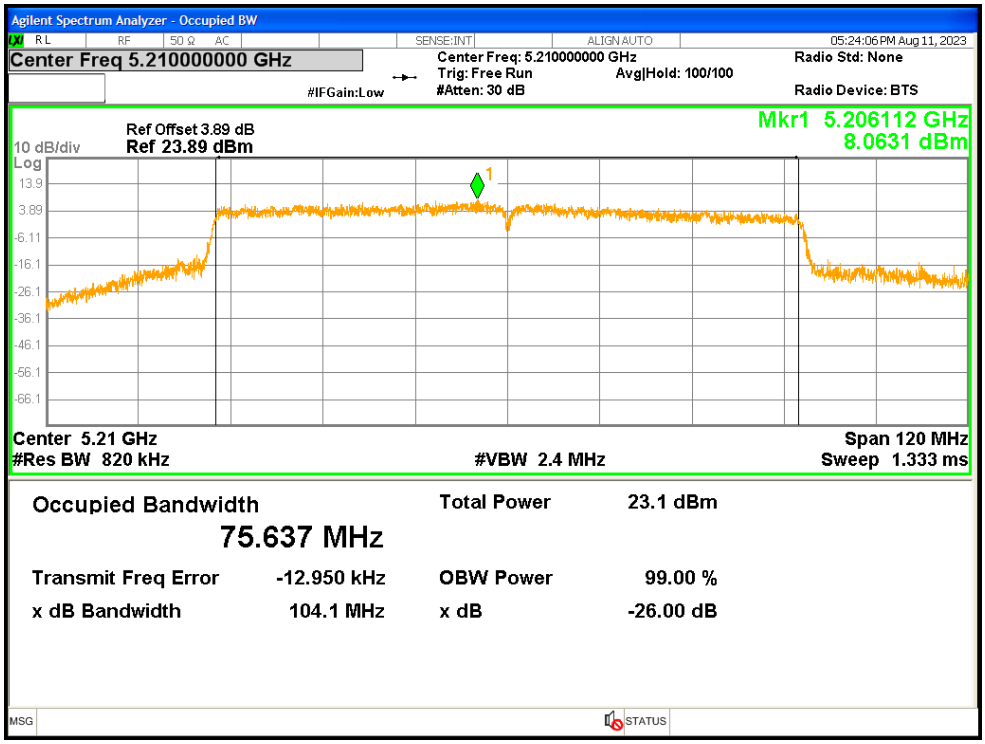
OBW NVNT ac40 5230MHz Ant3



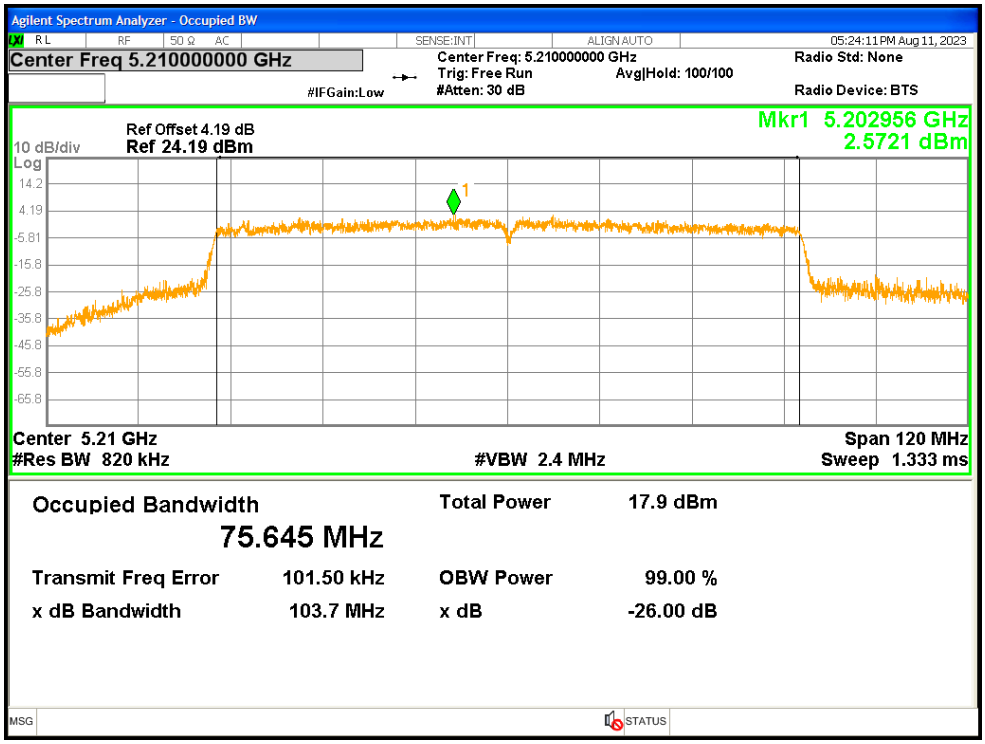
OBW NVNT ac80 5210MHz Ant1



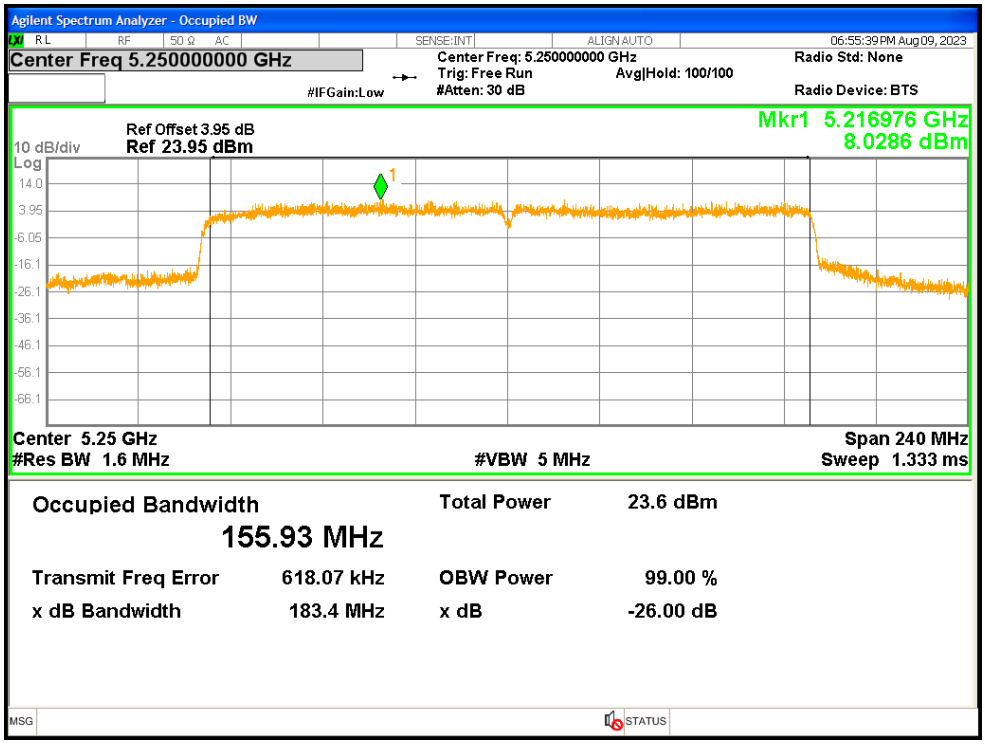
OBW NVNT ac80 5210MHz Ant2



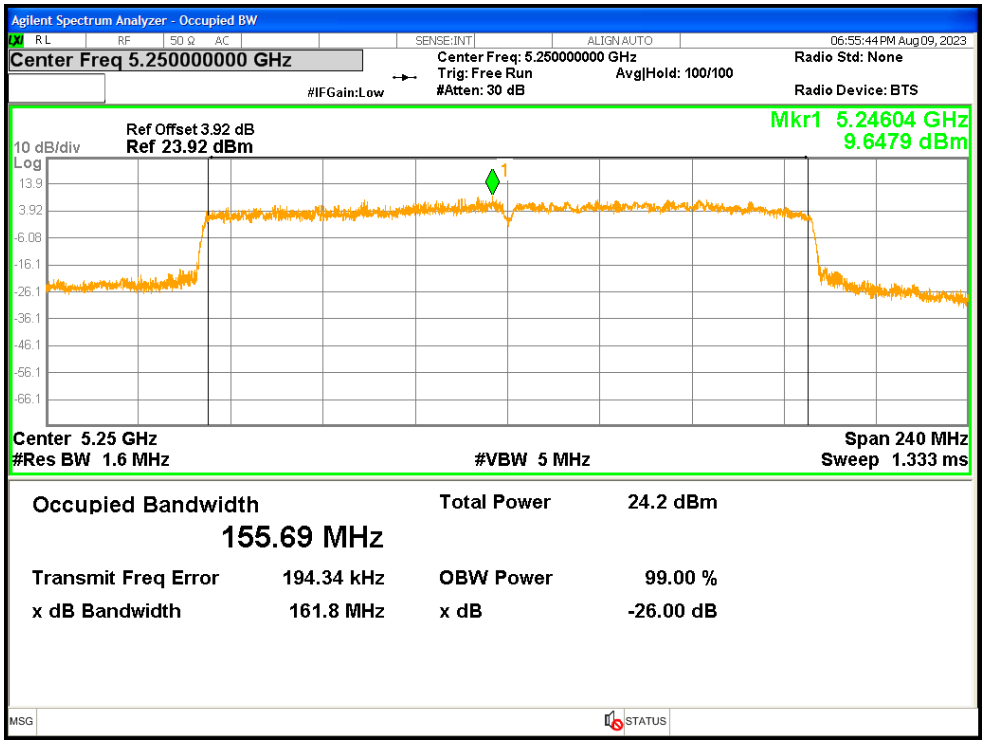
OBW NVNT ac80 5210MHz Ant3



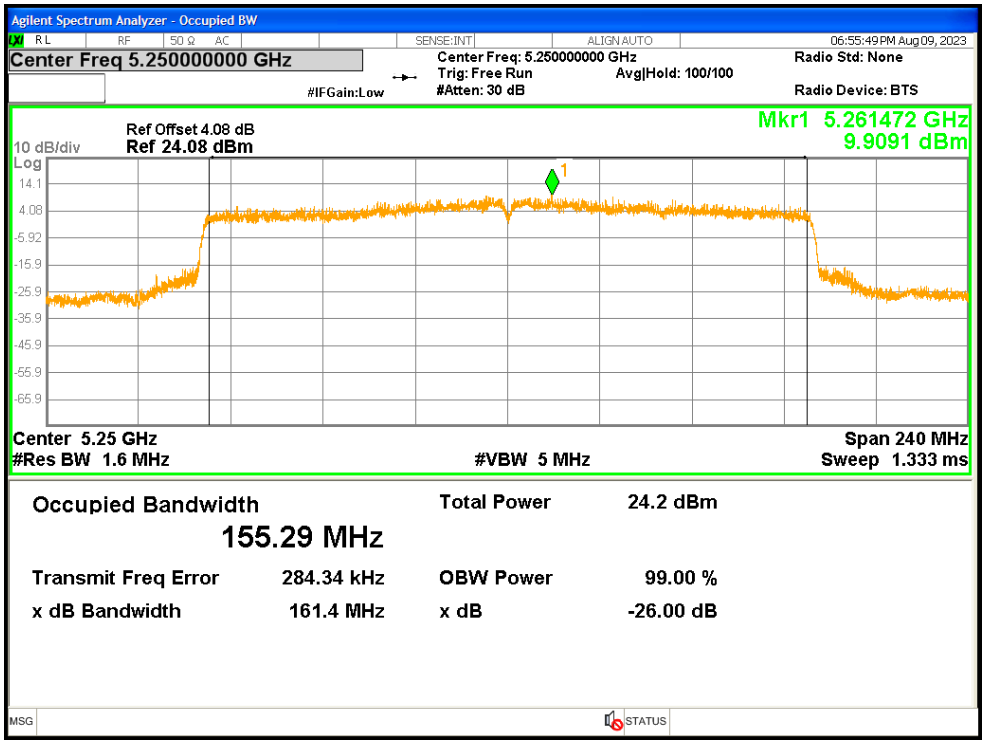
OBW NVNT ax160 5250MHz Ant1



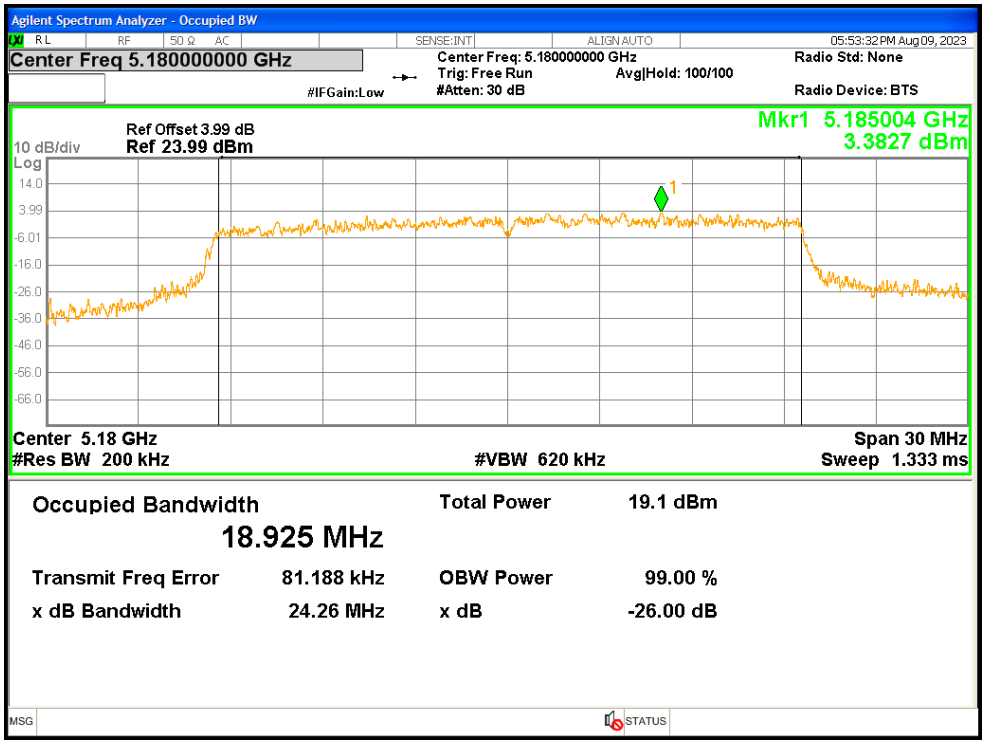
OBW NVNT ax160 5250MHz Ant2



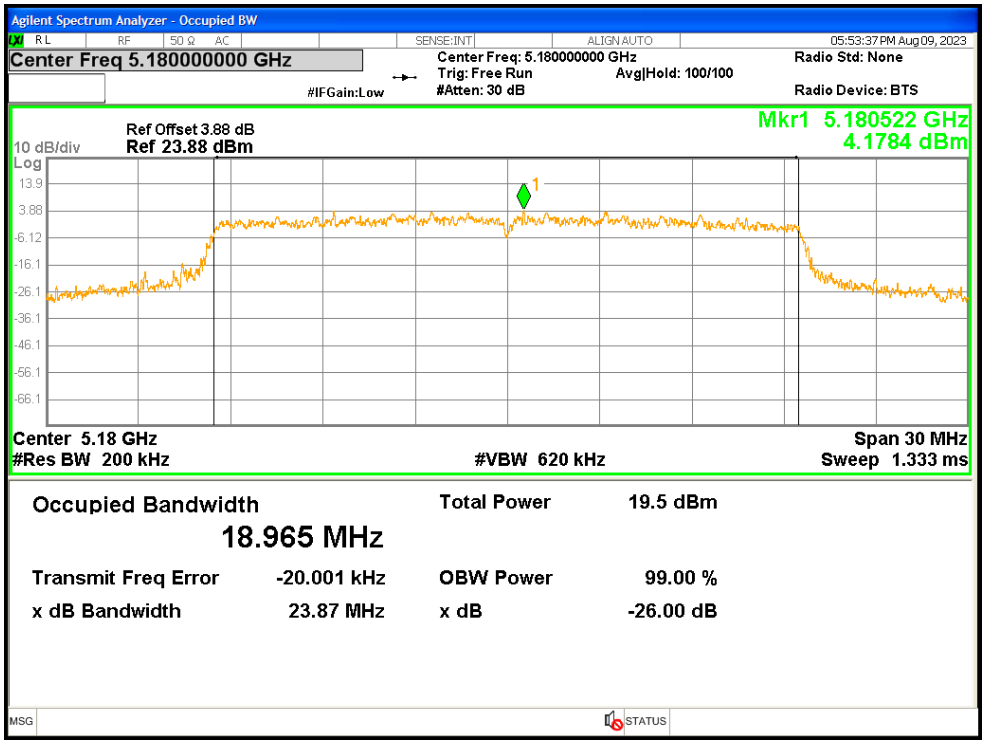
OBW NVNT ax160 5250MHz Ant3



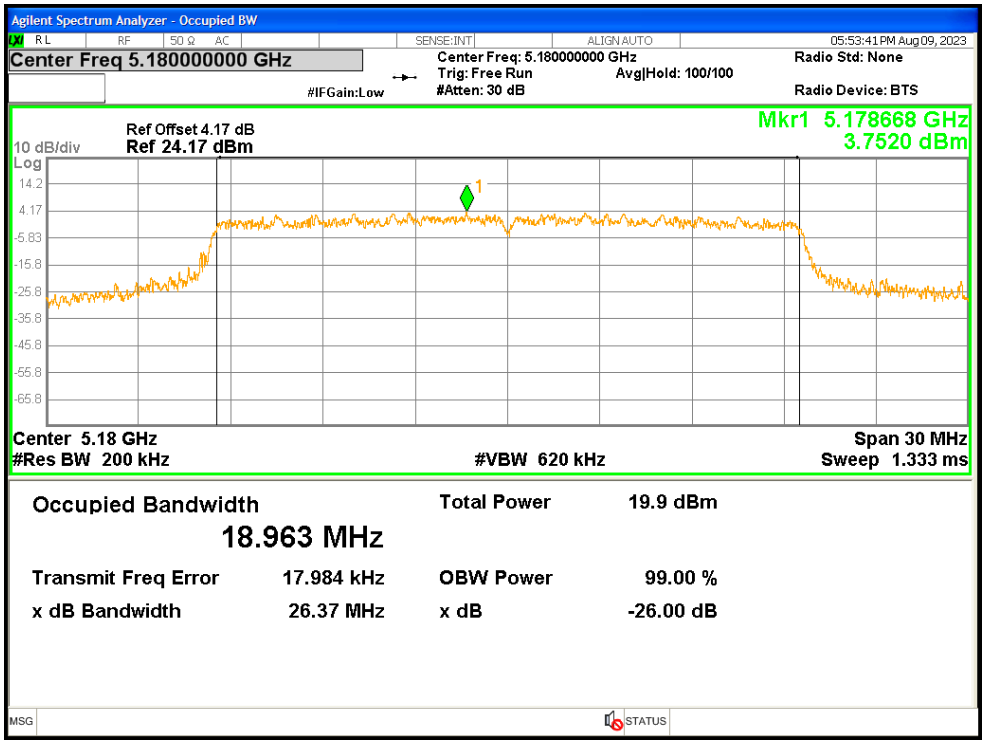
OBW NVNT ax20 5180MHz Ant1



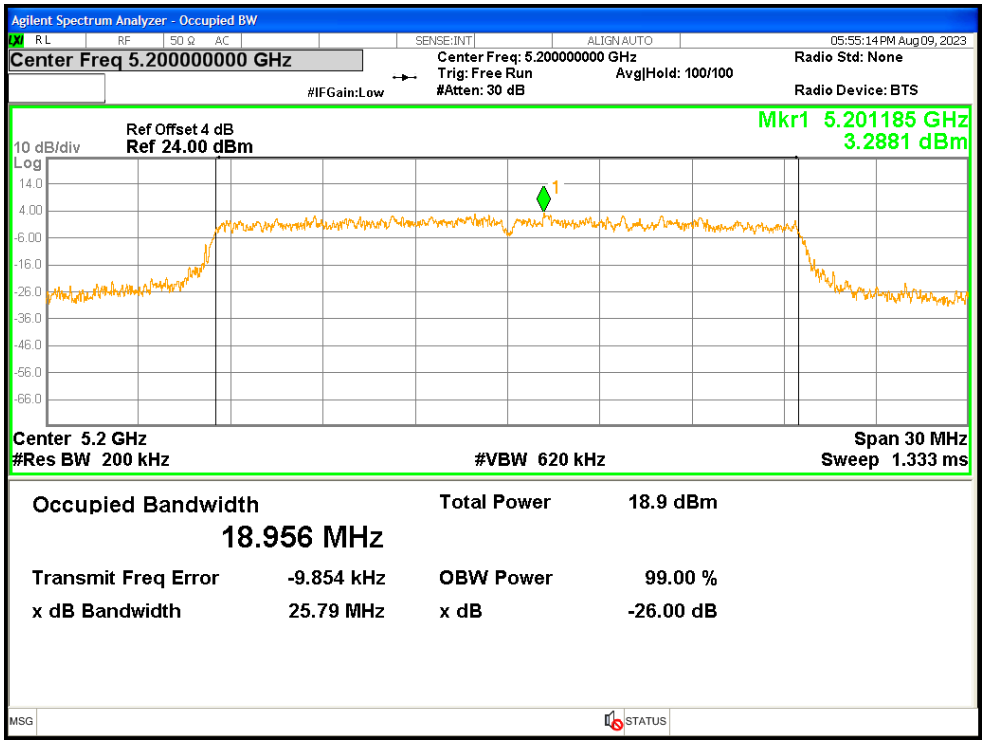
OBW NVNT ax20 5180MHz Ant2



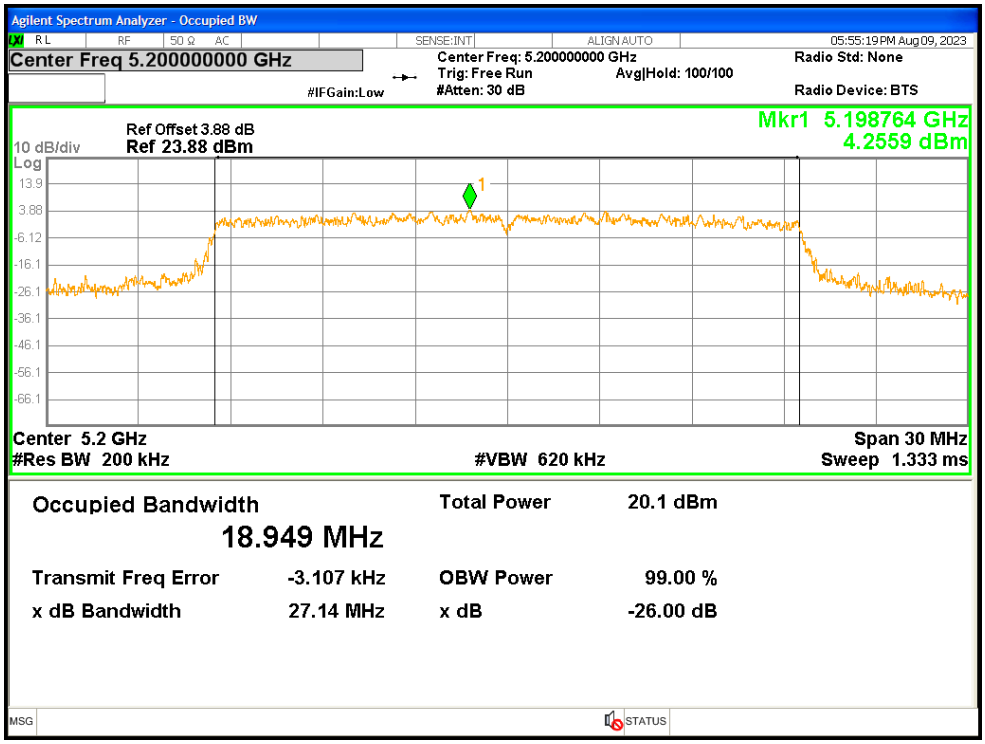
OBW NVNT ax20 5180MHz Ant3



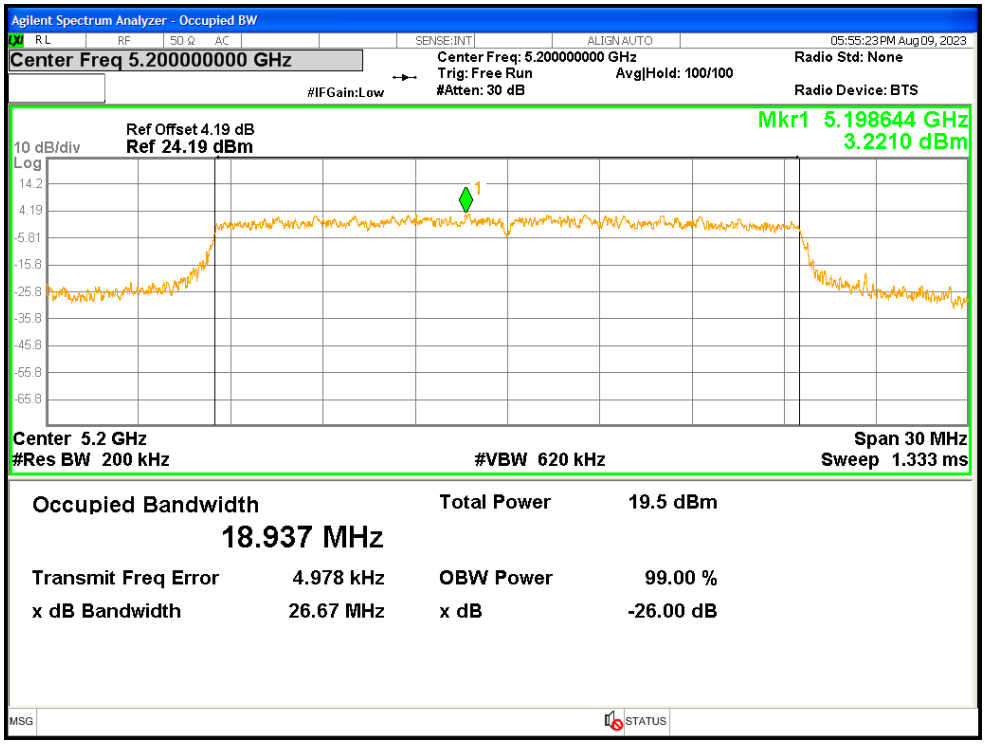
OBW NVNT ax20 5200MHz Ant1



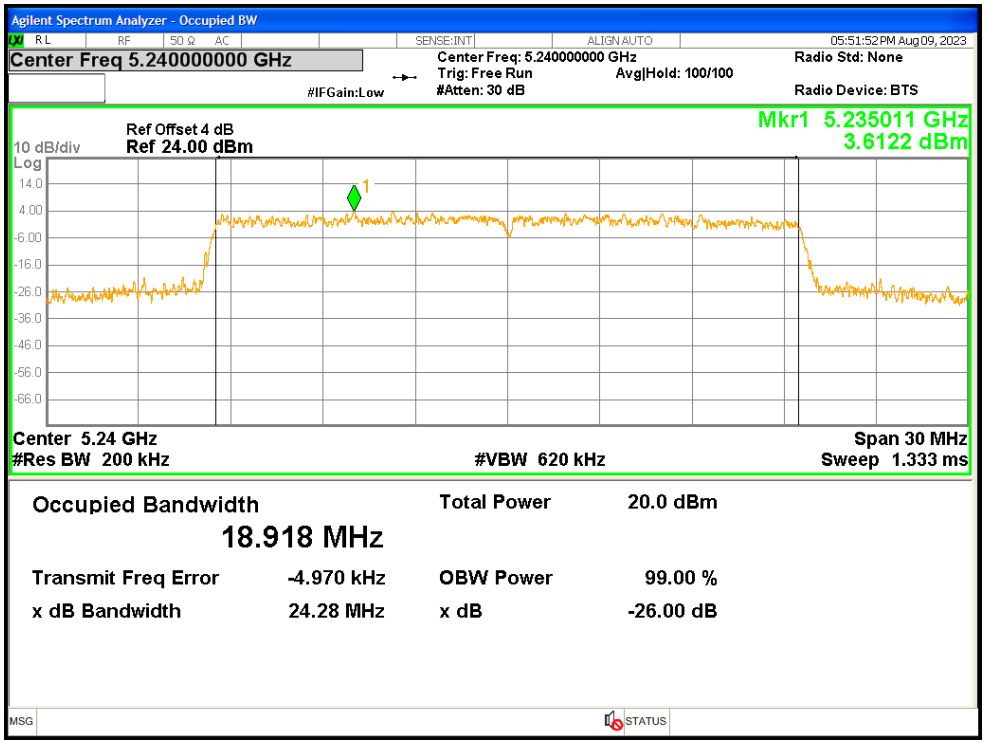
OBW NVNT ax20 5200MHz Ant2



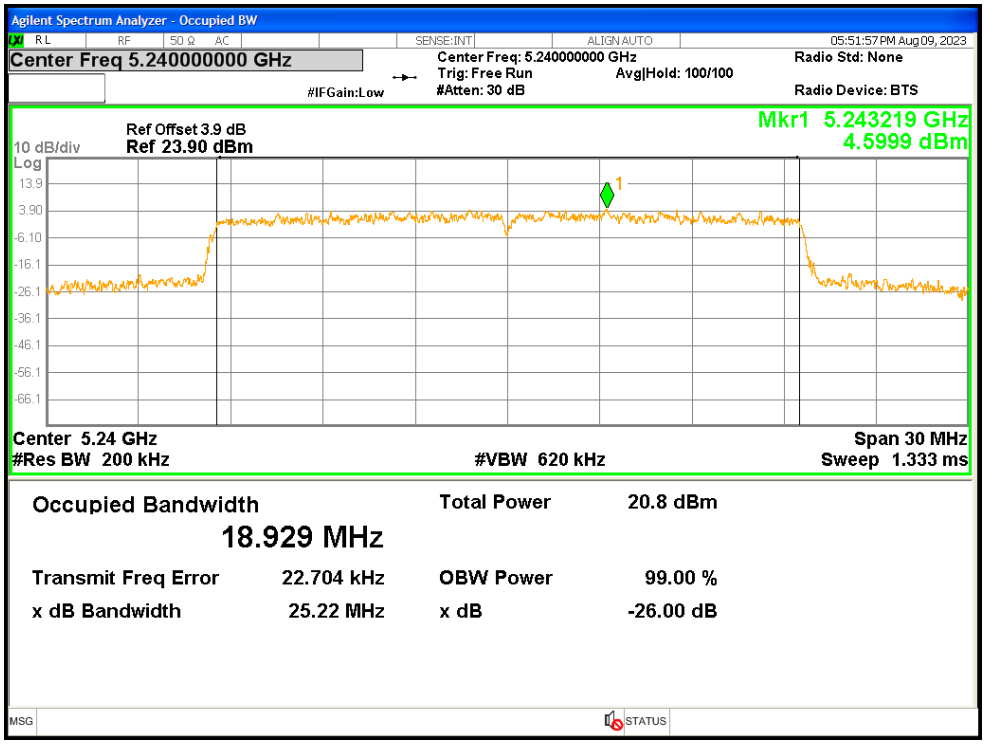
OBW NVNT ax20 5200MHz Ant3



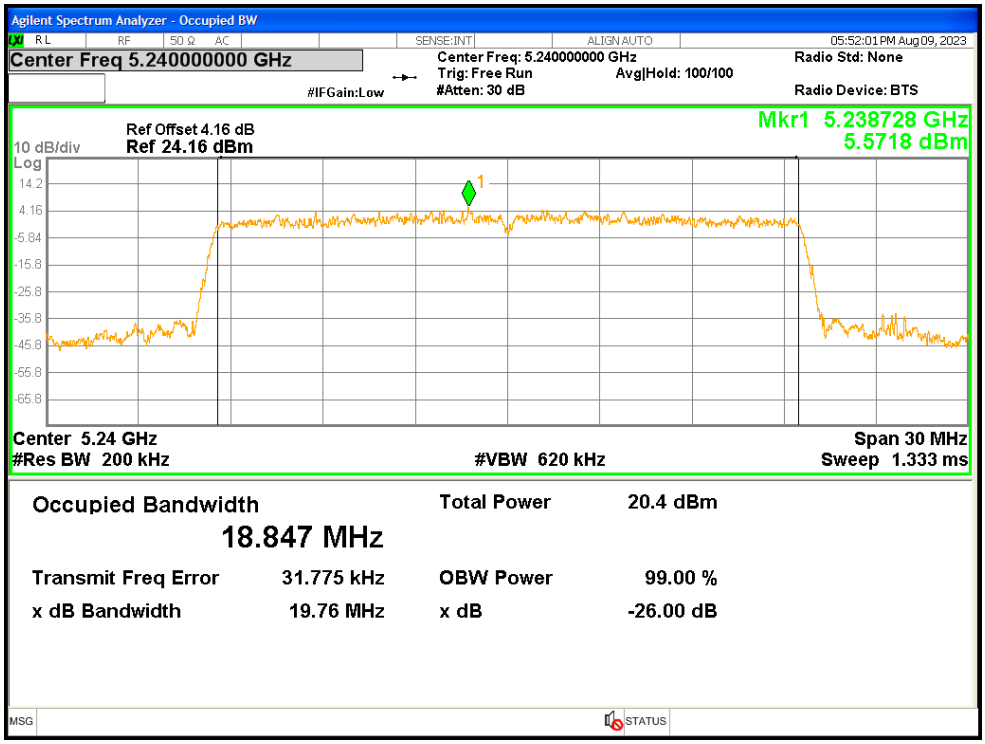
OBW NVNT ax20 5240MHz Ant1



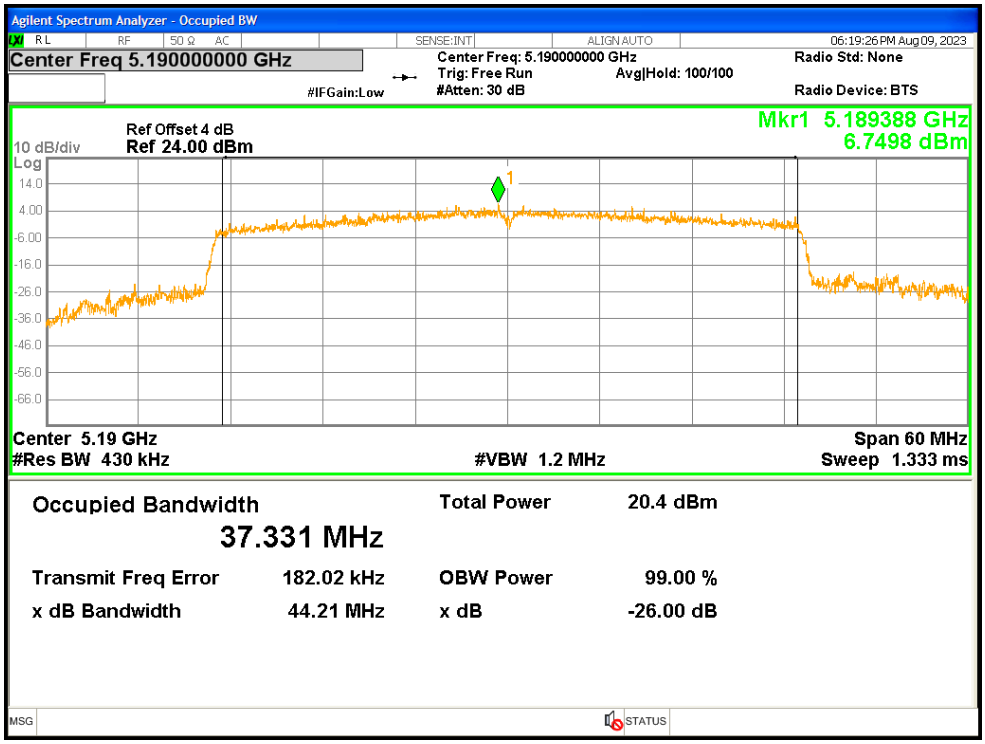
OBW NVNT ax20 5240MHz Ant2



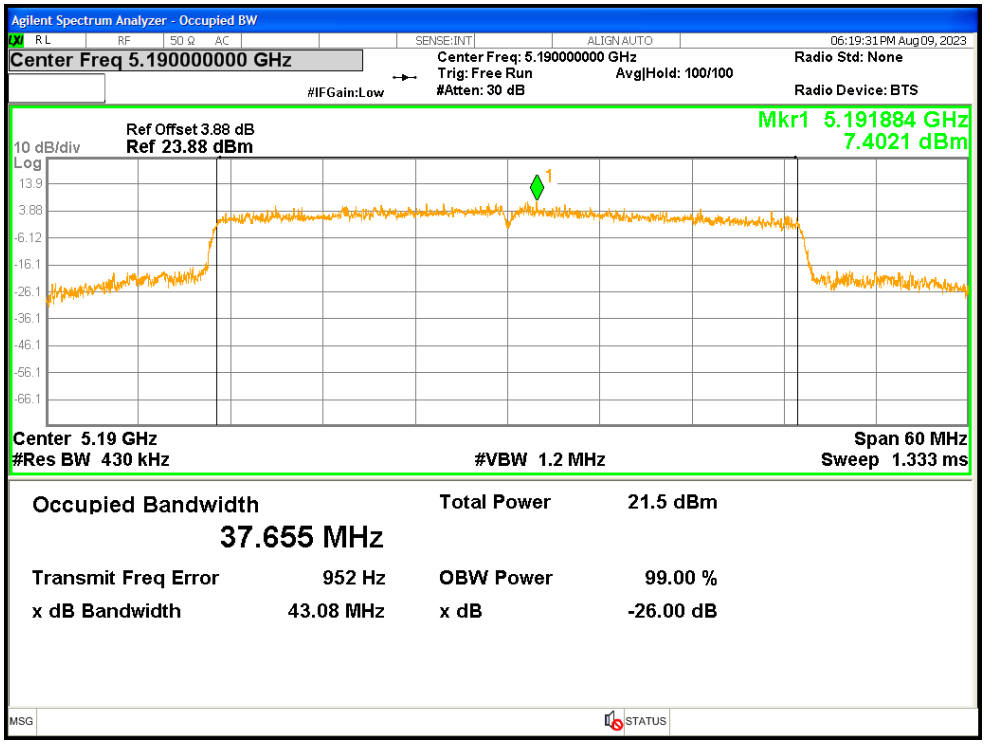
OBW NVNT ax20 5240MHz Ant3



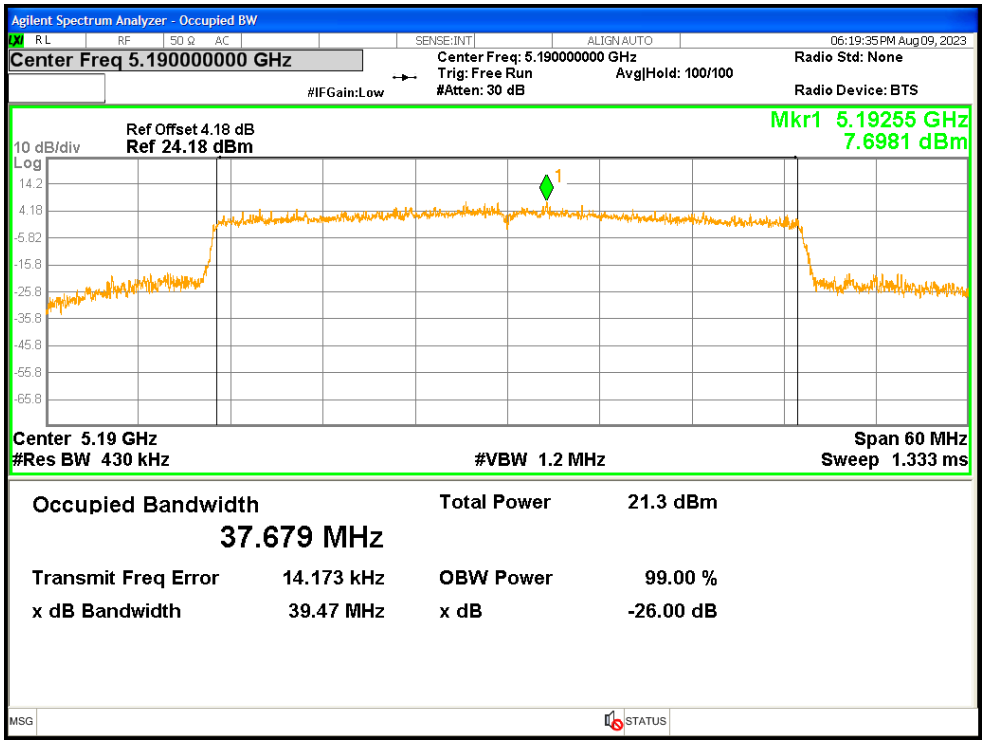
OBW NVNT ax40 5190MHz Ant1



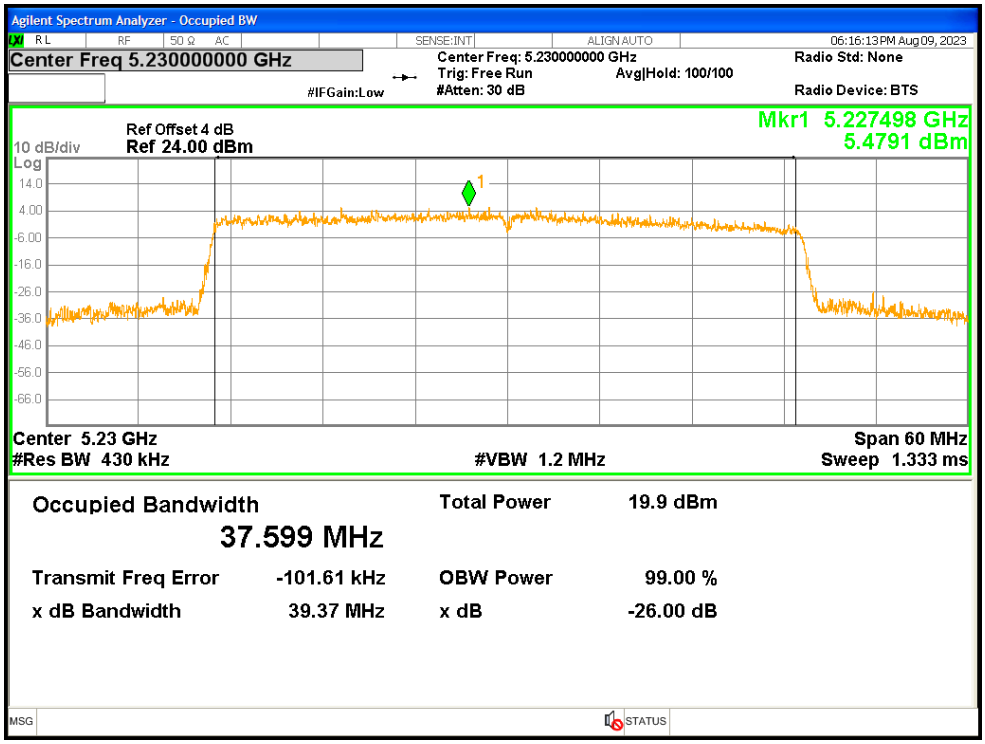
OBW NVNT ax40 5190MHz Ant2



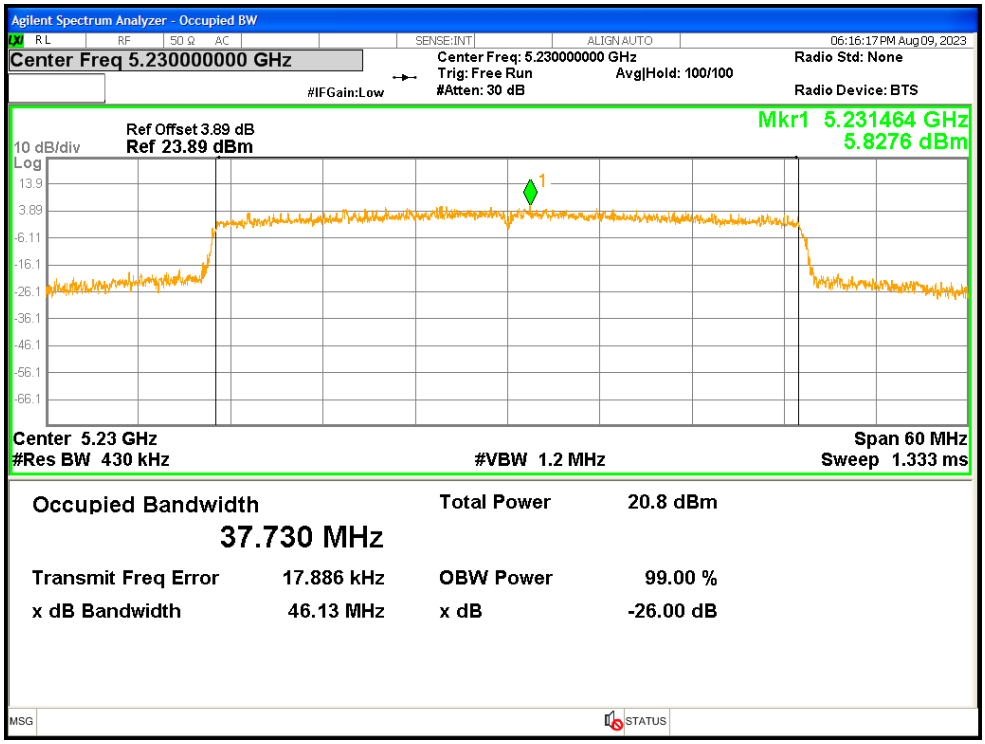
OBW NVNT ax40 5190MHz Ant3



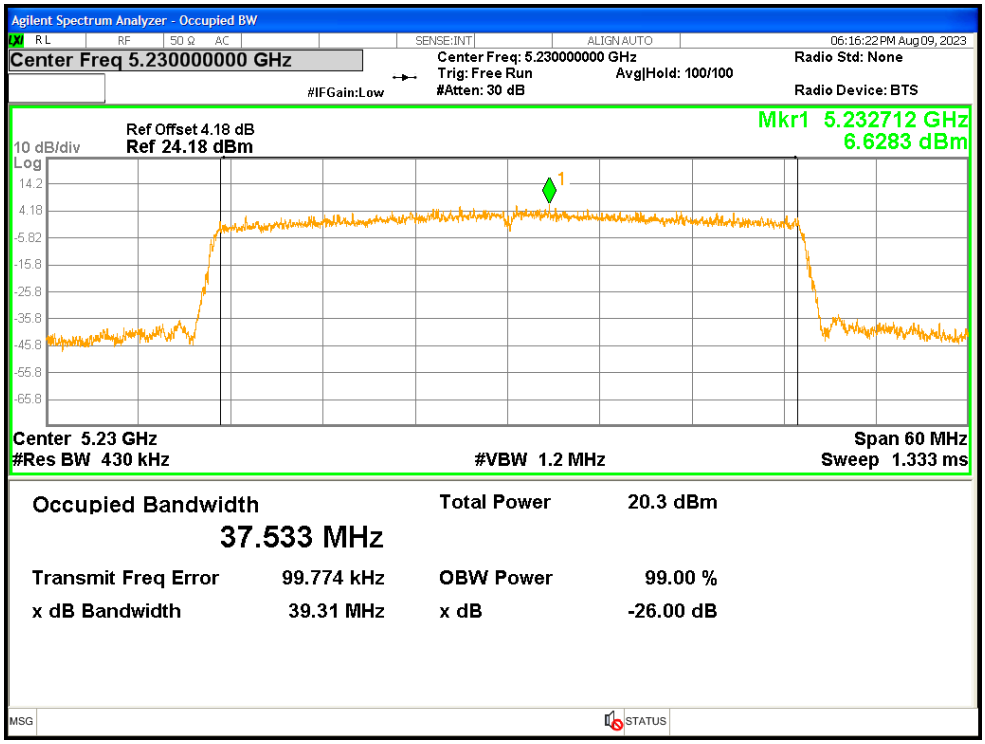
OBW NVNT ax40 5230MHz Ant1



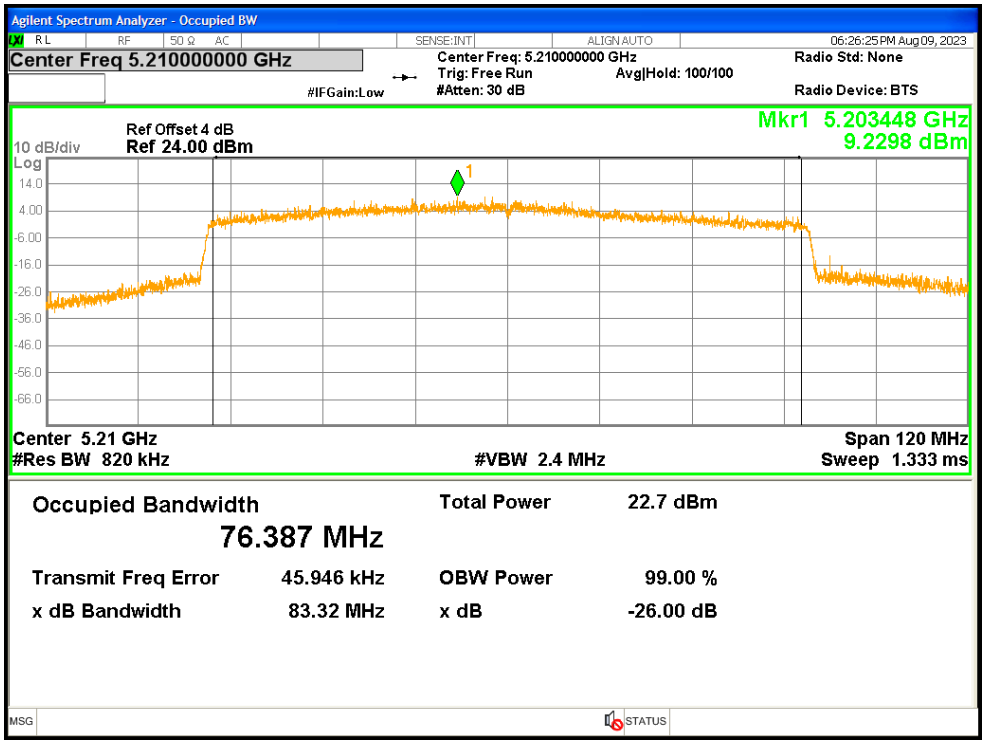
OBW NVNT ax40 5230MHz Ant2



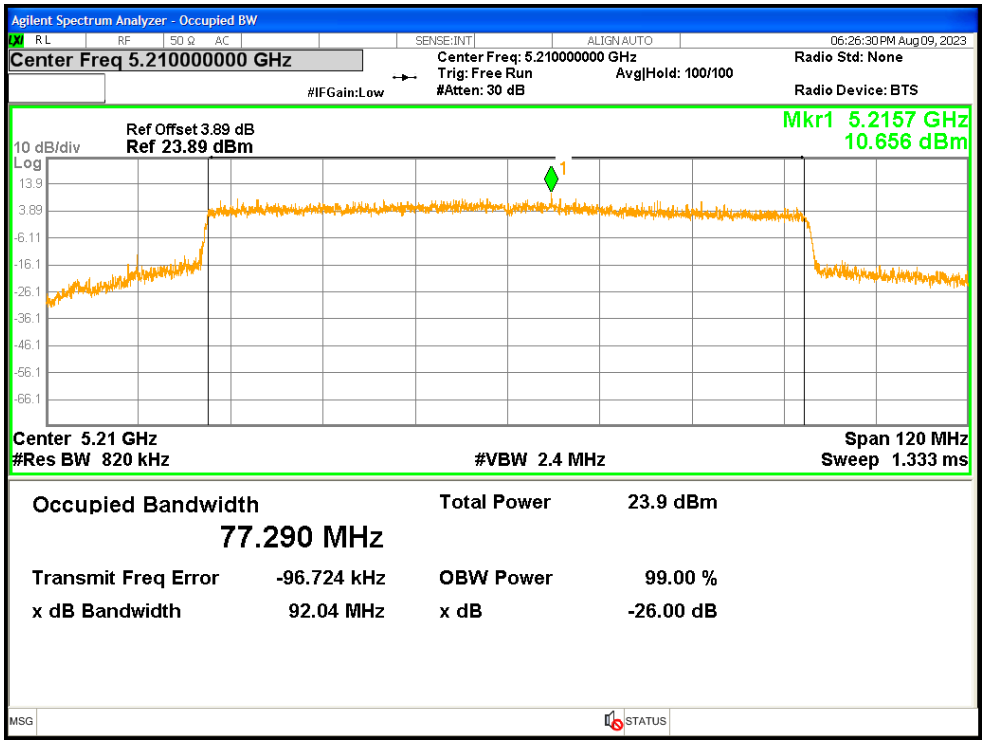
OBW NVNT ax40 5230MHz Ant3



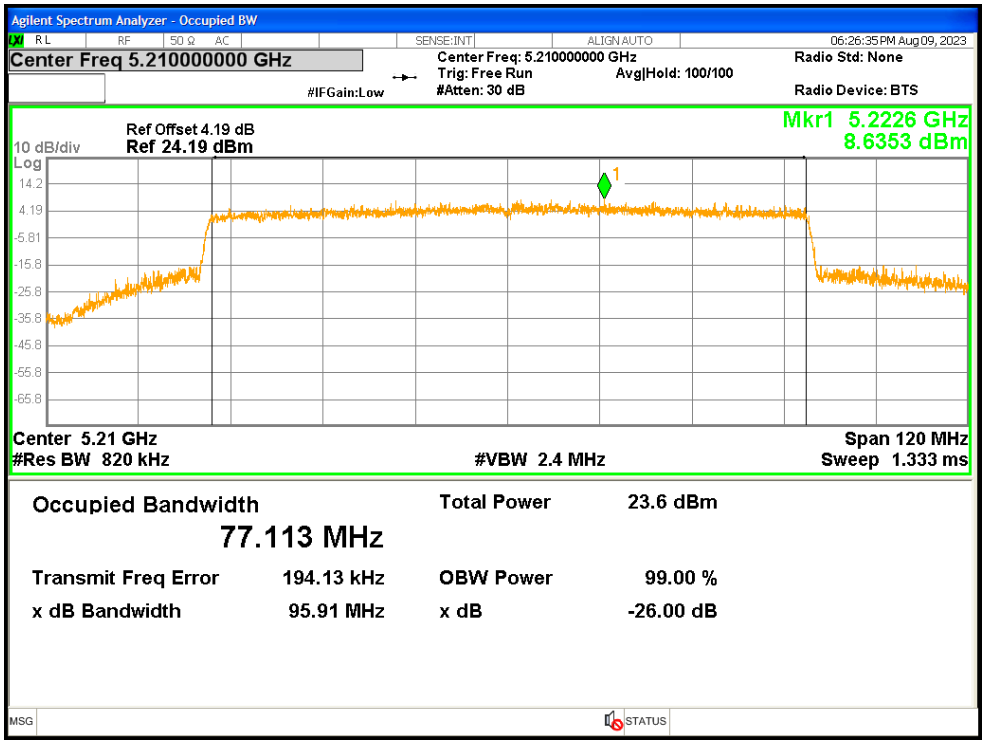
OBW NVNT ax80 5210MHz Ant1



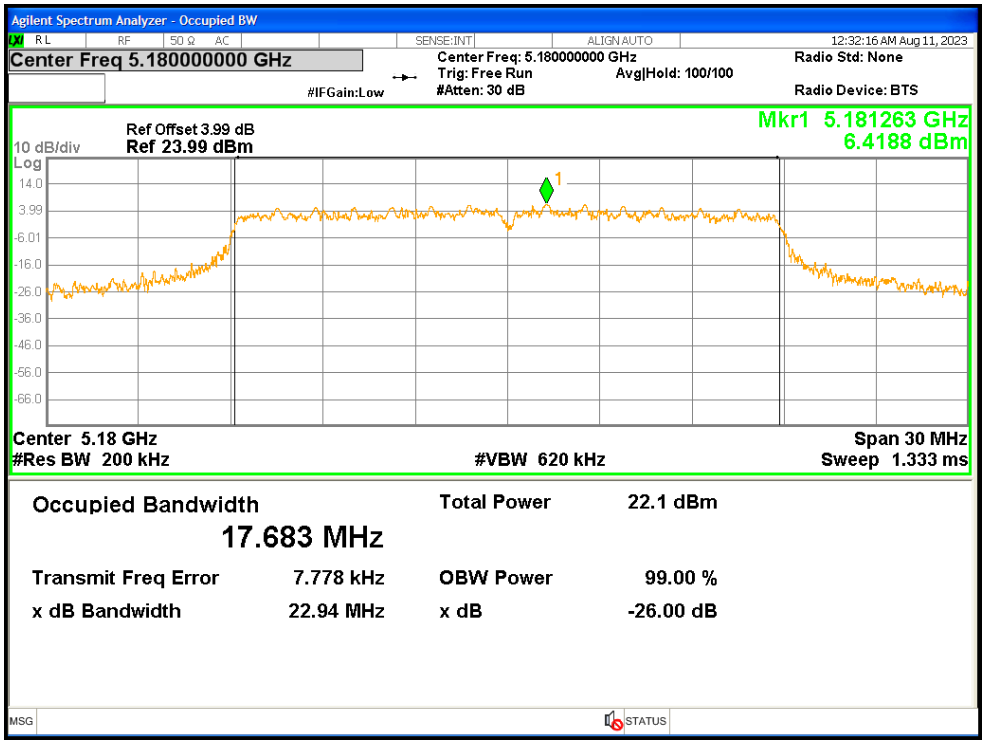
OBW NVNT ax80 5210MHz Ant2



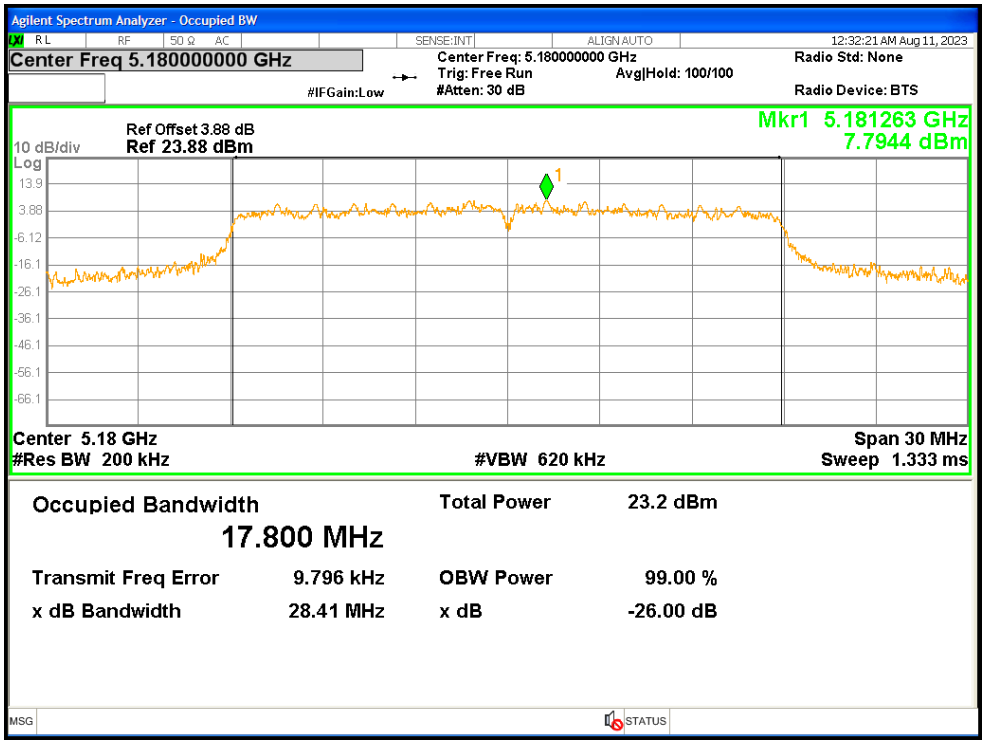
OBW NVNT ax80 5210MHz Ant3



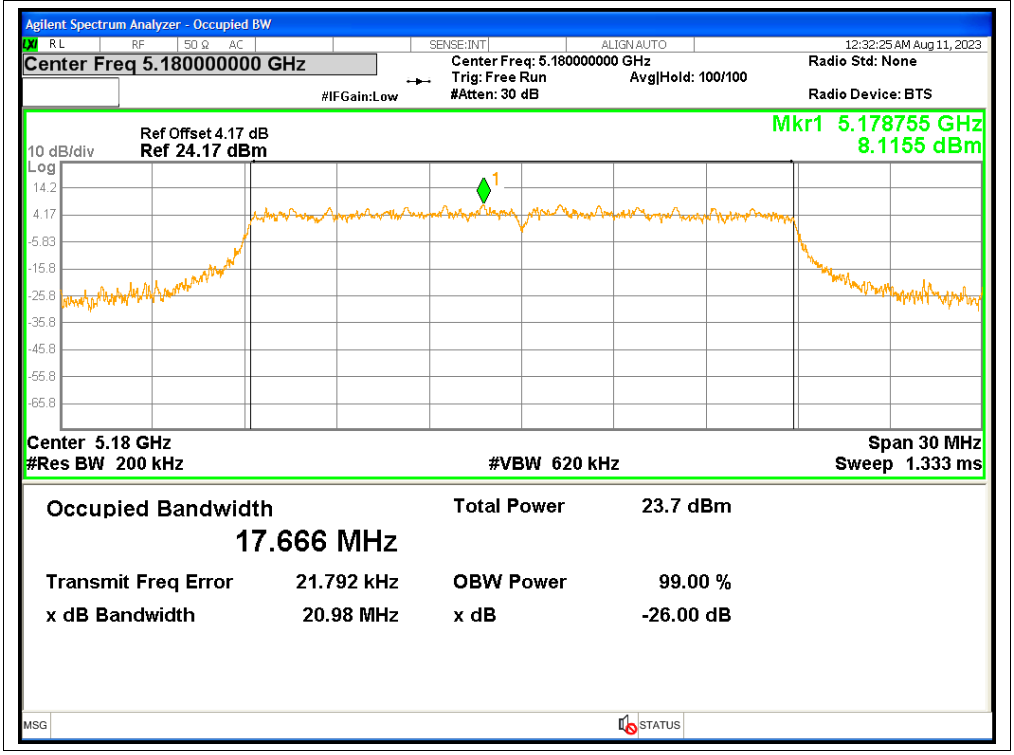
OBW NVNT n20 5180MHz Ant1



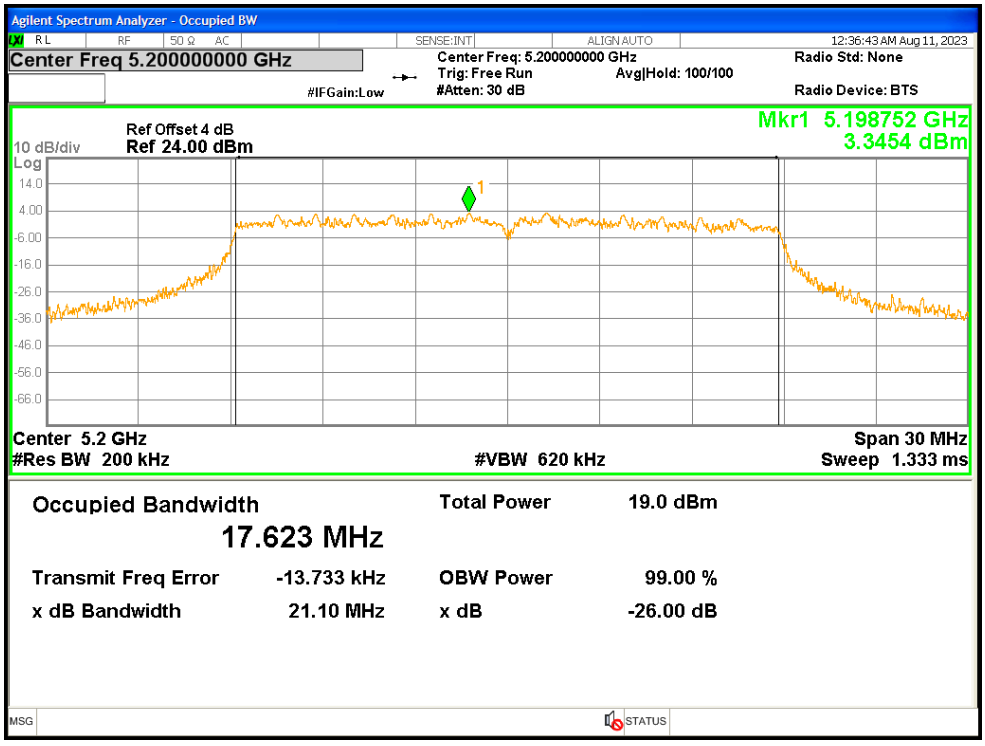
OBW NVNT n20 5180MHz Ant2



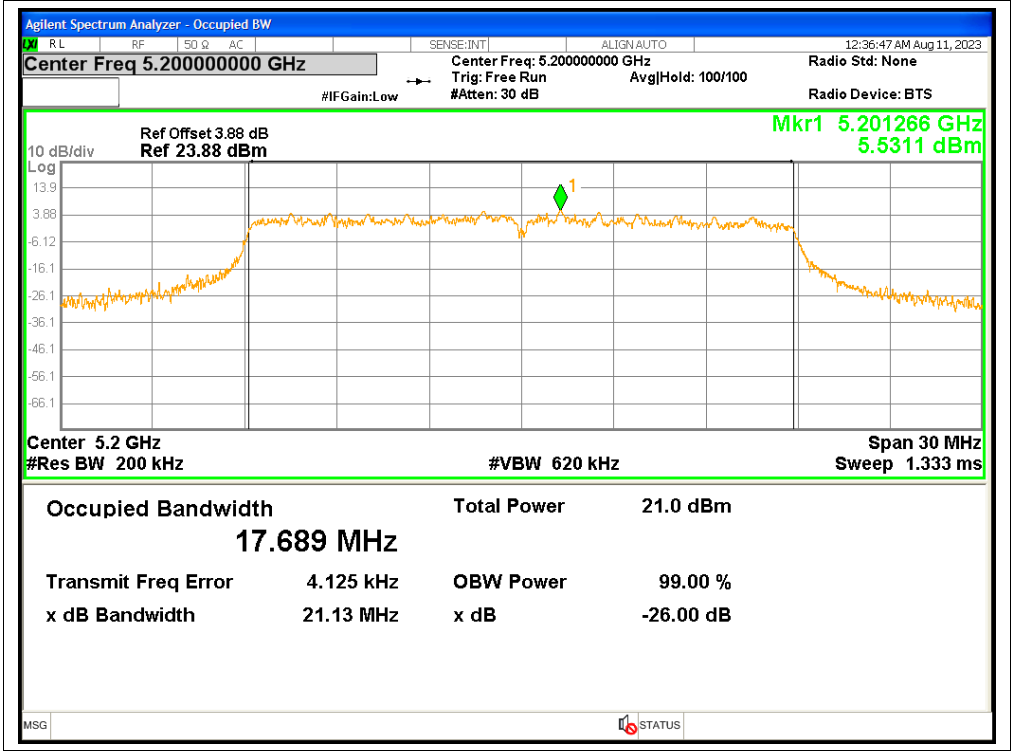
OBW NVNT n20 5180MHz Ant3



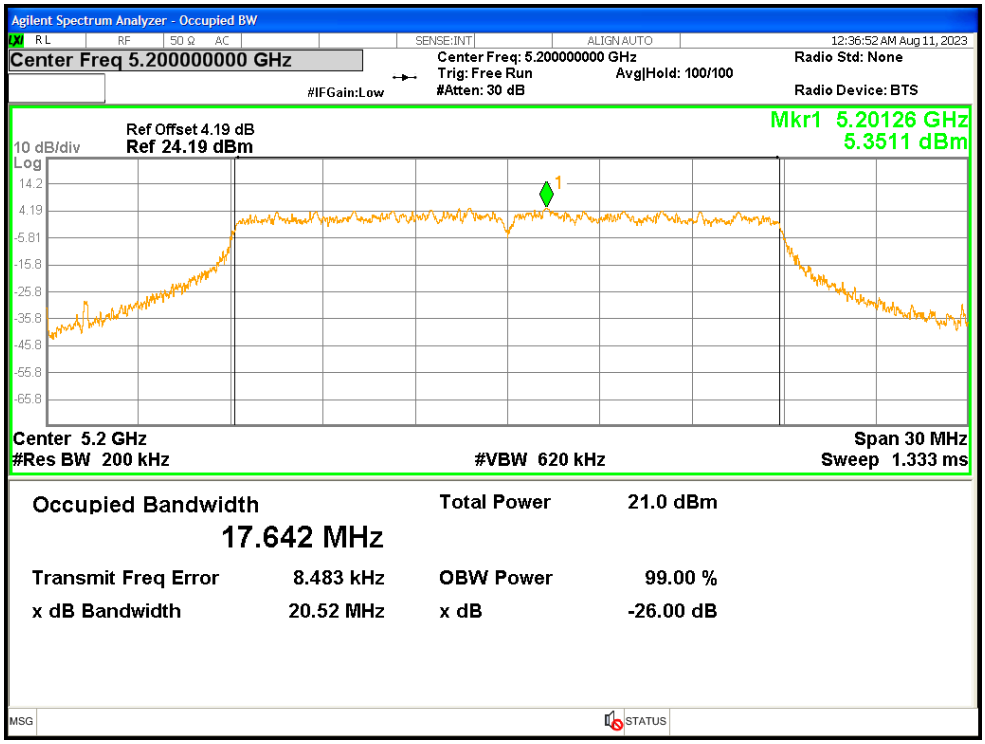
OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5200MHz Ant2



OBW NVNT n20 5200MHz Ant3



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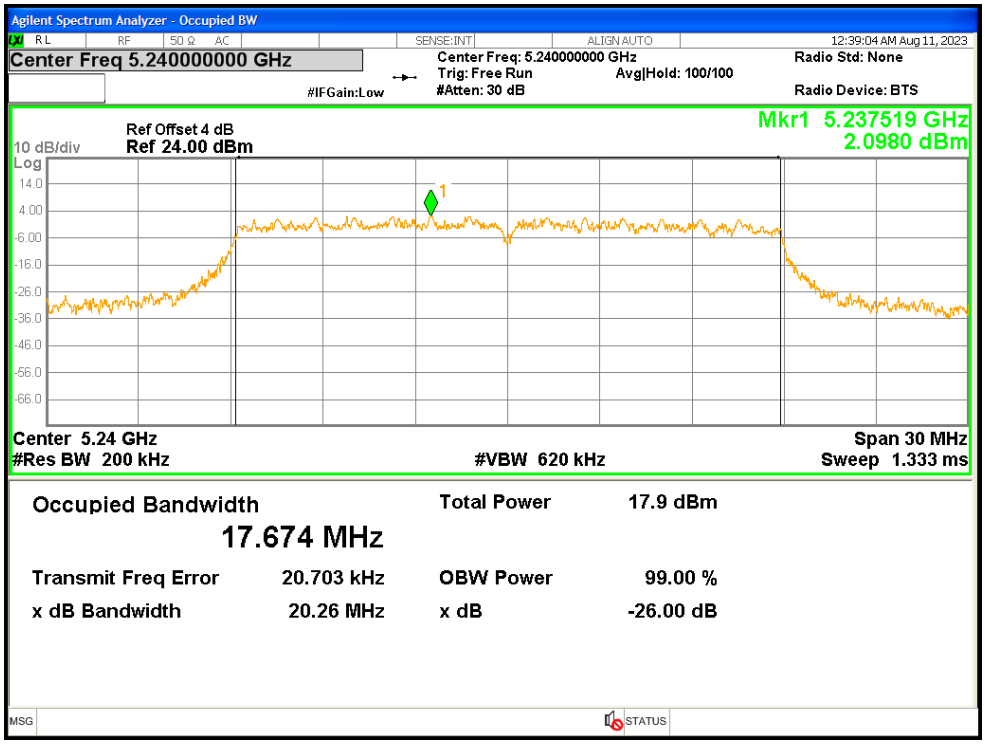
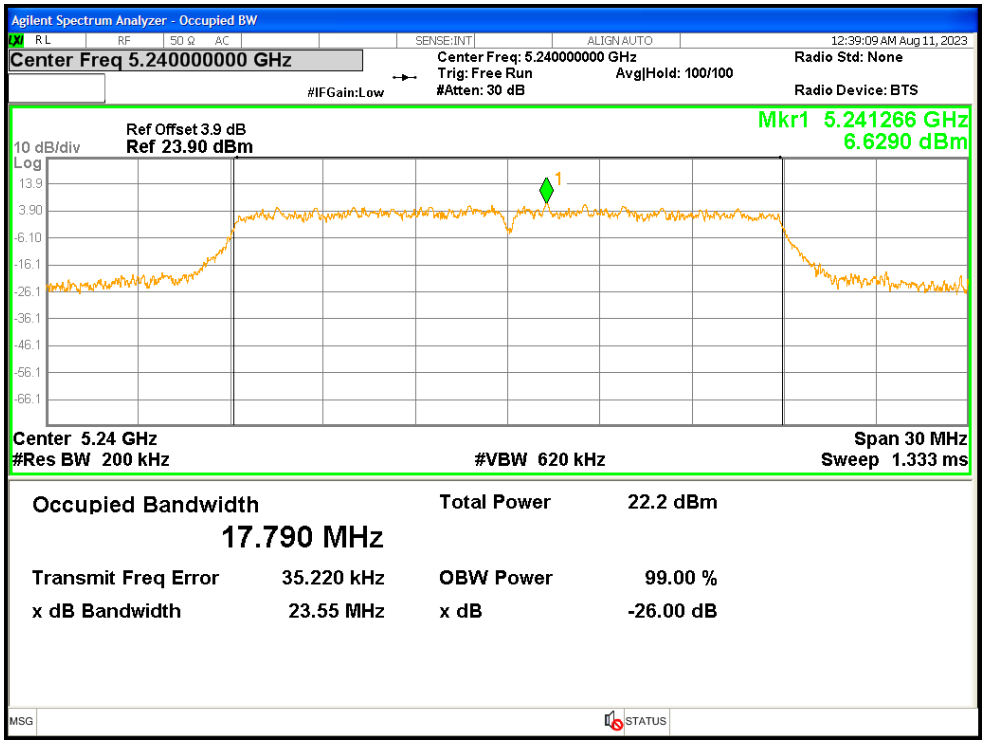
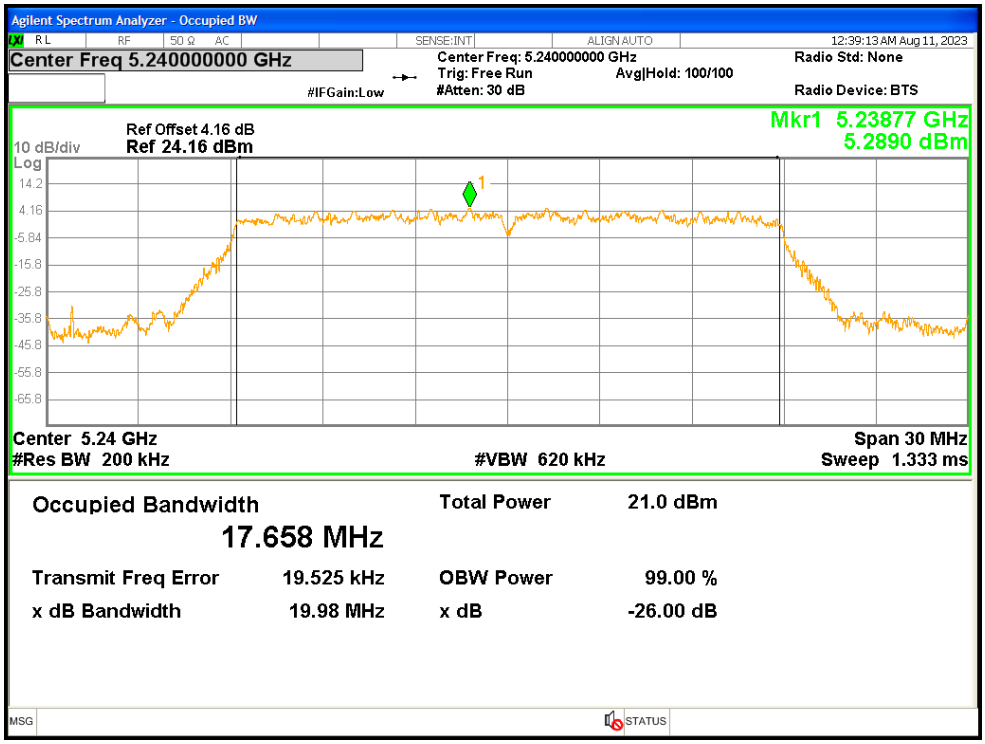


OBW NVNT n20 5240MHz Ant2



OBW NVNT n20 5240MHz Ant3



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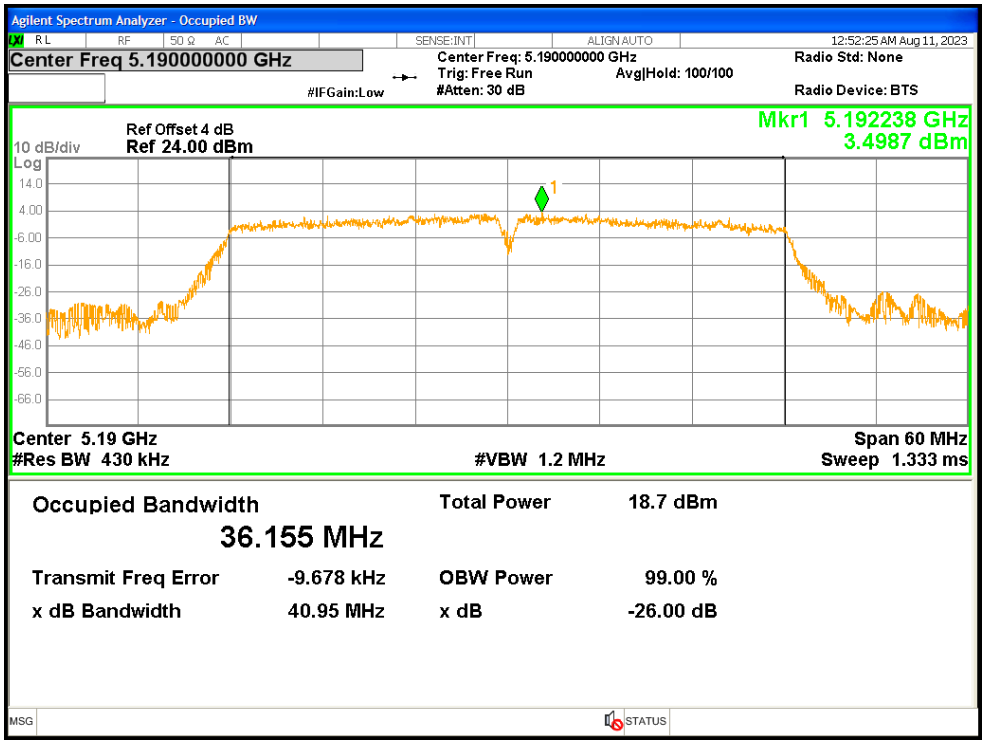

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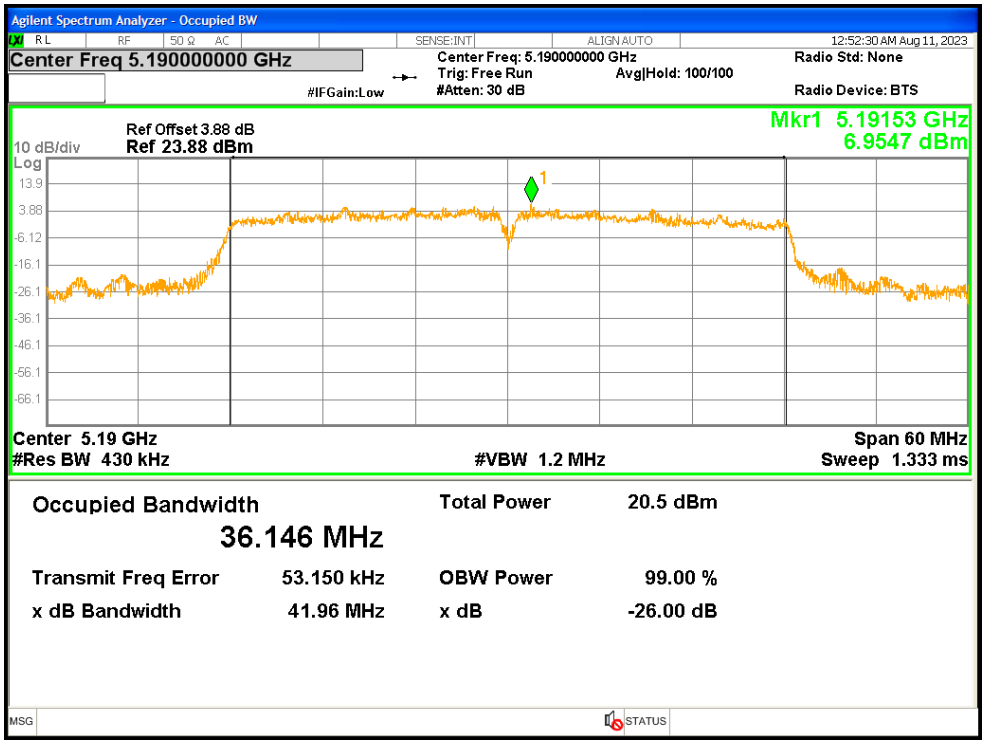

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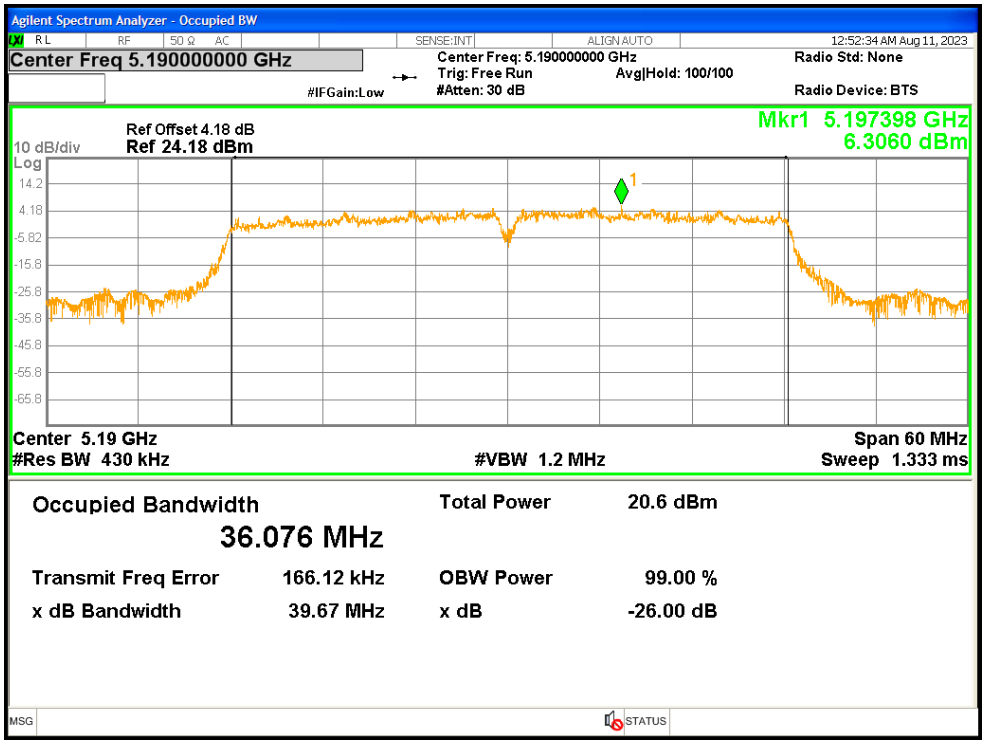
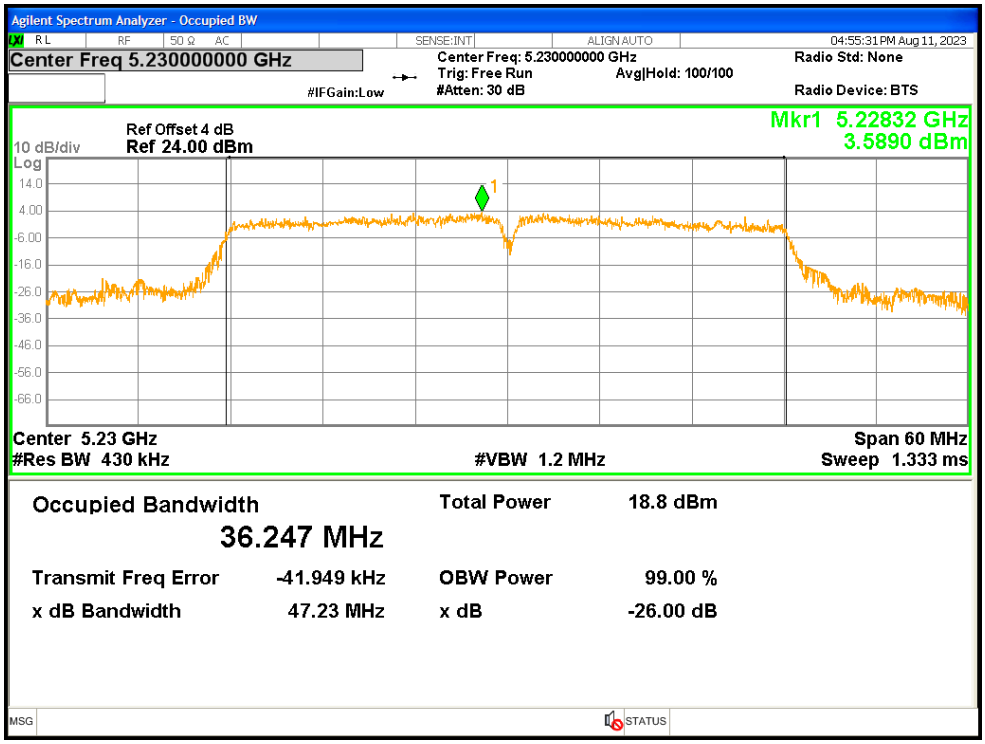


OBW NVNT n40 5230MHz Ant1



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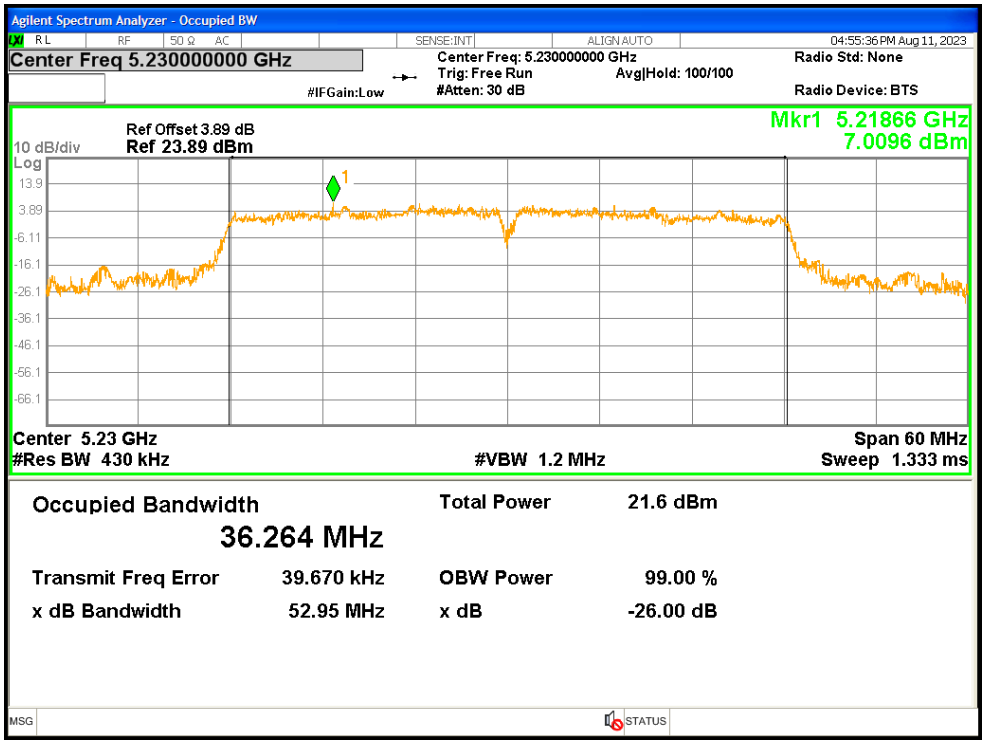

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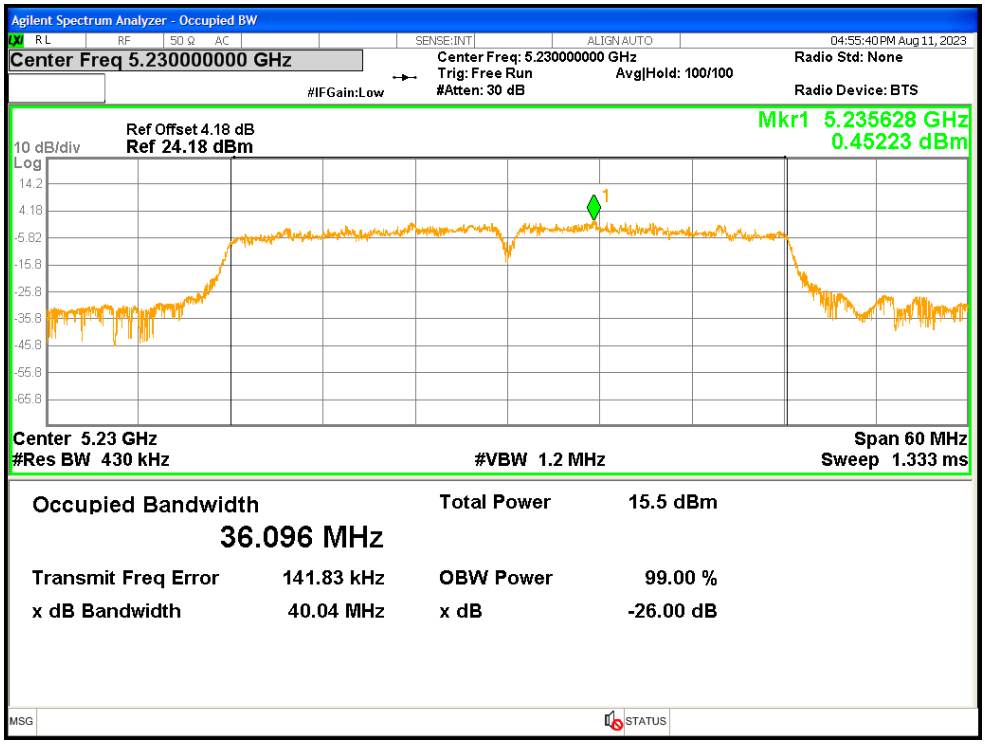


5. Maximum Power Spectral Density Level

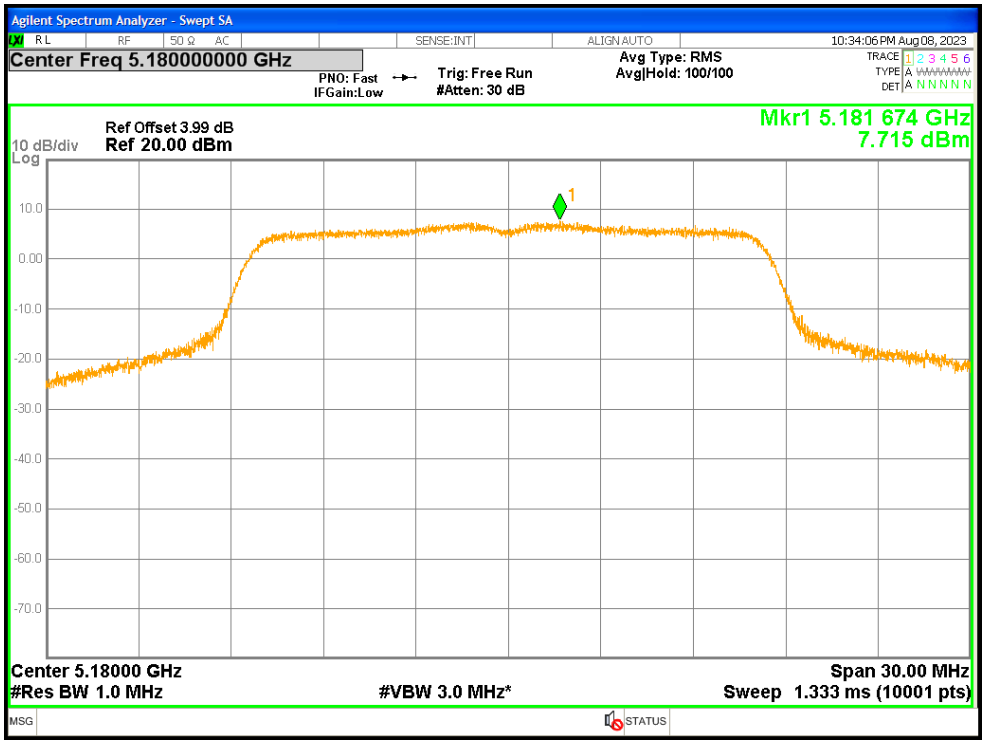
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	7.715	0.17	7.885	<=17	Pass
NVNT	a	5200	Ant1	7.45	0.17	7.62	<=17	Pass
NVNT	a	5240	Ant1	7.841	0.17	8.011	<=17	Pass
NVNT	a	5180	Ant2	6.182	0.17	6.352	<=17	Pass
NVNT	a	5200	Ant2	5.81	0.17	5.98	<=17	Pass
NVNT	a	5240	Ant2	5.915	0.17	6.085	<=17	Pass
NVNT	a	5180	Ant3	8.532	0.17	8.702	<=17	Pass
NVNT	a	5200	Ant3	7.782	0.17	7.952	<=17	Pass
NVNT	a	5240	Ant3	8.738	0.17	8.908	<=17	Pass
NVNT	ac160	5250	Ant1	-5.959	0.5	-5.459	<=17	Pass
NVNT	ac160	5250	Ant2	-3.067	0.5	-2.567	<=17	Pass
NVNT	ac160	5250	Ant3	-2.649	0.5	-2.149	<=17	Pass
NVNT	ac160	5250	Sum	1.107	0.5	1.607	<=14.73	Pass
NVNT	ac20	5180	Ant1	1.695	0.48	2.175	<=17	Pass
NVNT	ac20	5180	Ant2	2.355	0.48	2.835	<=17	Pass
NVNT	ac20	5180	Ant3	2.677	0.48	3.157	<=17	Pass
NVNT	ac20	5180	Sum	7.033	0.48	7.513	<=14.73	Pass
NVNT	ac20	5200	Ant1	1.161	0.48	1.641	<=17	Pass
NVNT	ac20	5200	Ant2	2.564	0.48	3.044	<=17	Pass
NVNT	ac20	5200	Ant3	2.165	0.48	2.645	<=17	Pass
NVNT	ac20	5200	Sum	6.774	0.48	7.254	<=14.73	Pass
NVNT	ac20	5240	Ant1	2.718	0.48	3.198	<=17	Pass
NVNT	ac20	5240	Ant2	3.162	0.48	3.642	<=17	Pass
NVNT	ac20	5240	Ant3	2.842	0.48	3.322	<=17	Pass
NVNT	ac20	5240	Sum	7.683	0.48	8.163	<=14.73	Pass
NVNT	ac40	5190	Ant1	-0.64	0.48	-0.16	<=17	Pass
NVNT	ac40	5190	Ant2	-0.377	0.48	0.103	<=17	Pass
NVNT	ac40	5190	Ant3	-0.414	0.48	0.066	<=17	Pass
NVNT	ac40	5190	Sum	4.296	0.48	4.776	<=14.73	Pass
NVNT	ac40	5230	Ant1	0.737	0.48	1.217	<=17	Pass
NVNT	ac40	5230	Ant2	0.779	0.48	1.259	<=17	Pass
NVNT	ac40	5230	Ant3	0.598	0.48	1.078	<=17	Pass
NVNT	ac40	5230	Sum	5.477	0.48	5.957	<=14.73	Pass
NVNT	ac80	5210	Ant1	-2.599	0.55	-2.049	<=17	Pass
NVNT	ac80	5210	Ant2	-0.508	0.55	0.042	<=17	Pass
NVNT	ac80	5210	Ant3	-0.183	0.55	0.367	<=17	Pass
NVNT	ac80	5210	Sum	3.799	0.55	4.349	<=14.73	Pass
NVNT	ax160	5250	Ant1	-3.789	0.49	-3.299	<=17	Pass
NVNT	ax160	5250	Ant2	-1.74	0.49	-1.25	<=17	Pass

NVNT	ax160	5250	Ant3	-1.52	0.49	-1.03	<=17	Pass
NVNT	ax160	5250	Sum	2.535	0.49	3.025	<=14.73	Pass
NVNT	ax20	5180	Ant1	2.026	0.52	2.546	<=17	Pass
NVNT	ax20	5180	Ant2	2.396	0.52	2.916	<=17	Pass
NVNT	ax20	5180	Ant3	2.622	0.52	3.142	<=17	Pass
NVNT	ax20	5180	Sum	7.126	0.52	7.646	<=14.73	Pass
NVNT	ax20	5200	Ant1	1.369	0.54	1.909	<=17	Pass
NVNT	ax20	5200	Ant2	2.646	0.54	3.186	<=17	Pass
NVNT	ax20	5200	Ant3	2.132	0.54	2.672	<=17	Pass
NVNT	ax20	5200	Sum	6.852	0.54	7.392	<=14.73	Pass
NVNT	ax20	5240	Ant1	2.509	0.53	3.039	<=17	Pass
NVNT	ax20	5240	Ant2	3.622	0.53	4.152	<=17	Pass
NVNT	ax20	5240	Ant3	3.14	0.53	3.67	<=17	Pass
NVNT	ax20	5240	Sum	7.885	0.53	8.415	<=14.73	Pass
NVNT	ax40	5190	Ant1	1.336	0.31	1.646	<=17	Pass
NVNT	ax40	5190	Ant2	1.579	0.31	1.889	<=17	Pass
NVNT	ax40	5190	Ant3	1.669	0.31	1.979	<=17	Pass
NVNT	ax40	5190	Sum	6.301	0.31	6.611	<=14.73	Pass
NVNT	ax40	5230	Ant1	1.367	0.31	1.677	<=17	Pass
NVNT	ax40	5230	Ant2	2.143	0.31	2.453	<=17	Pass
NVNT	ax40	5230	Ant3	1.947	0.31	2.257	<=17	Pass
NVNT	ax40	5230	Sum	6.603	0.31	6.913	<=14.73	Pass
NVNT	ax80	5210	Ant1	0.585	0.55	1.135	<=17	Pass
NVNT	ax80	5210	Ant2	0.504	0.55	1.054	<=17	Pass
NVNT	ax80	5210	Ant3	0.203	0.55	0.753	<=17	Pass
NVNT	ax80	5210	Sum	5.205	0.55	5.755	<=14.73	Pass
NVNT	n20	5180	Ant1	2.53	0.18	2.71	<=17	Pass
NVNT	n20	5180	Ant2	3.964	0.18	4.144	<=17	Pass
NVNT	n20	5180	Ant3	3.922	0.18	4.102	<=17	Pass
NVNT	n20	5180	Sum	8.292	0.18	8.472	<=14.73	Pass
NVNT	n20	5200	Ant1	1.67	0.18	1.85	<=17	Pass
NVNT	n20	5200	Ant2	3.741	0.18	3.921	<=17	Pass
NVNT	n20	5200	Ant3	3.676	0.18	3.856	<=17	Pass
NVNT	n20	5200	Sum	7.901	0.18	8.081	<=14.73	Pass
NVNT	n20	5240	Ant1	0.297	0.19	0.487	<=17	Pass
NVNT	n20	5240	Ant2	4.89	0.19	5.08	<=17	Pass
NVNT	n20	5240	Ant3	3.3	0.19	3.49	<=17	Pass
NVNT	n20	5240	Sum	7.988	0.19	8.178	<=14.73	Pass
NVNT	n40	5190	Ant1	-1.503	0.36	-1.143	<=17	Pass
NVNT	n40	5190	Ant2	0.352	0.36	0.712	<=17	Pass
NVNT	n40	5190	Ant3	0.424	0.36	0.784	<=17	Pass
NVNT	n40	5190	Sum	4.616	0.36	4.976	<=14.73	Pass
NVNT	n40	5230	Ant1	-1.437	0.36	-1.077	<=17	Pass
NVNT	n40	5230	Ant2	1.499	0.36	1.859	<=17	Pass

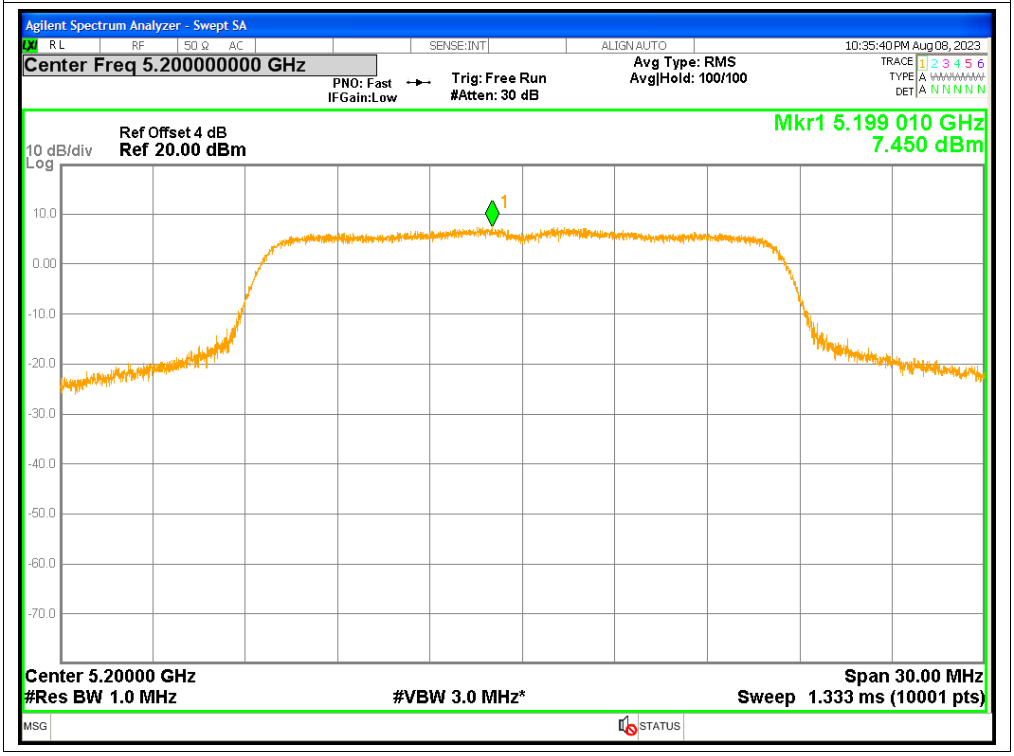
NVNT	n40	5230	Ant3	-4.904	0.36	-4.544	<=17	Pass
NVNT	n40	5230	Sum	3.898	0.36	4.258	<=14.73	Pass

Test Graphs

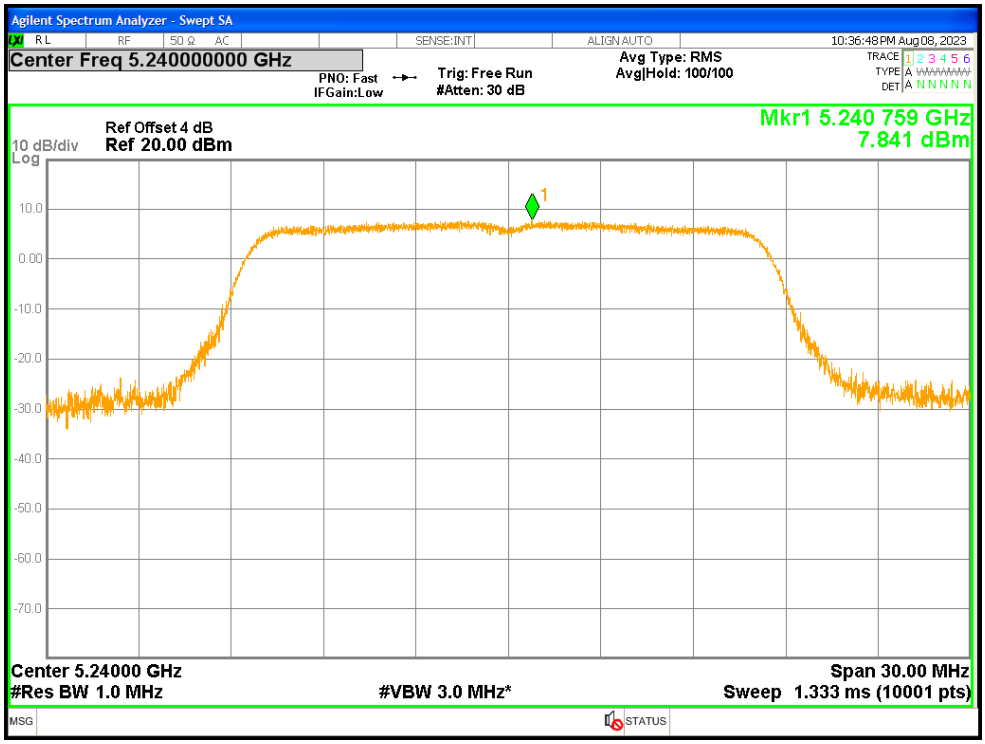
PSD NVNT a 5180MHz Ant1



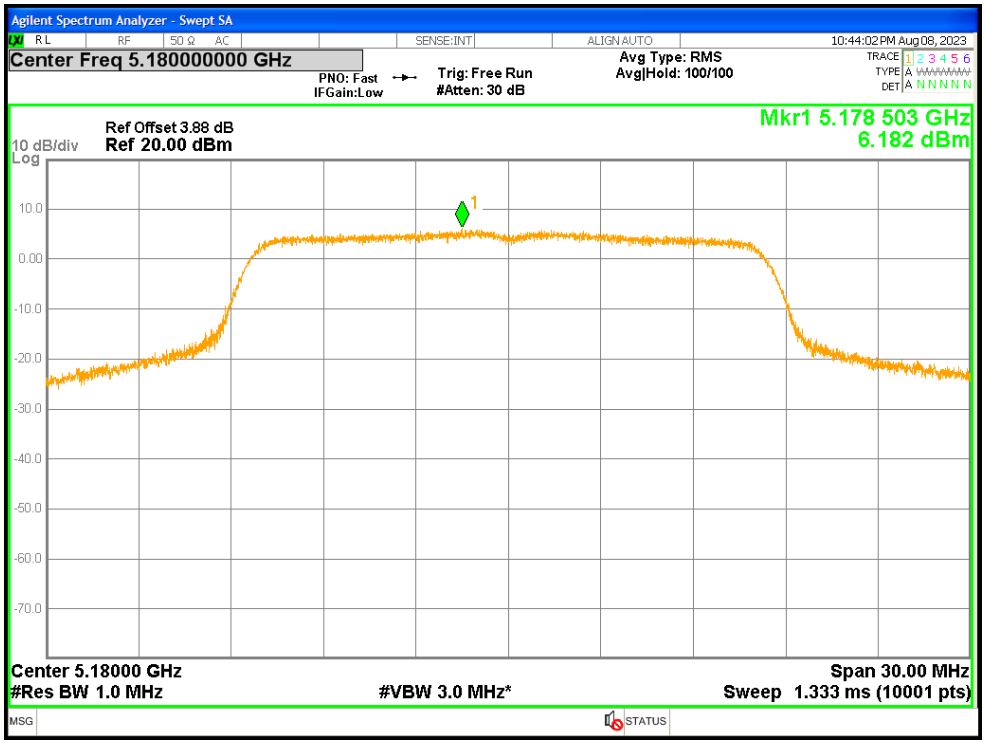
PSD NVNT a 5200MHz Ant1



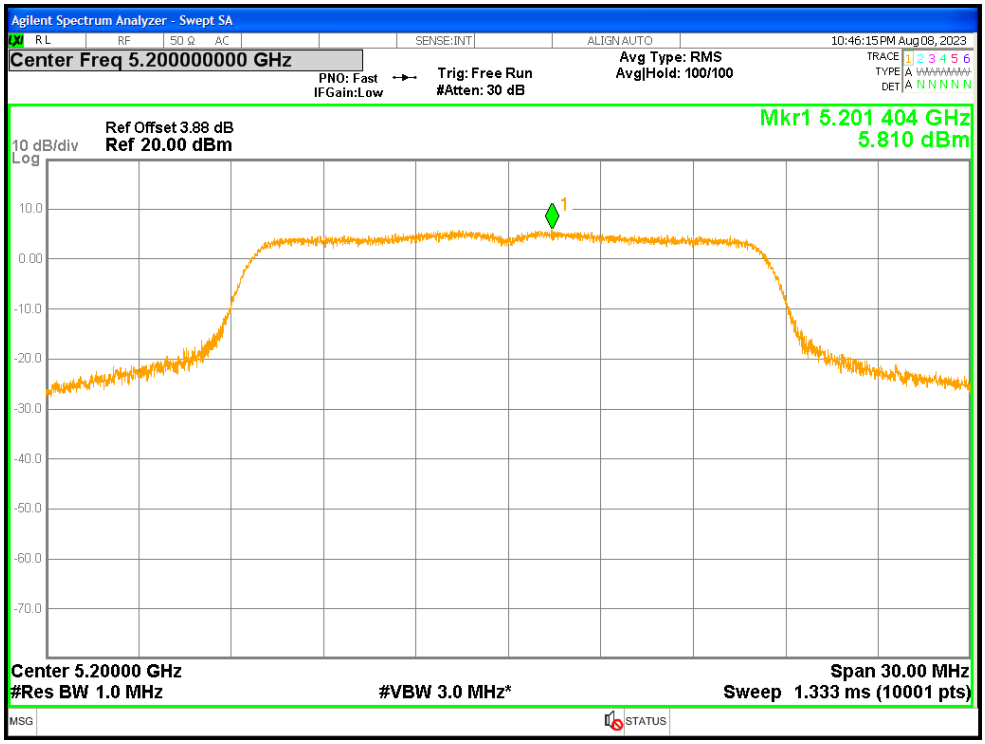
PSD NVNT a 5240MHz Ant1



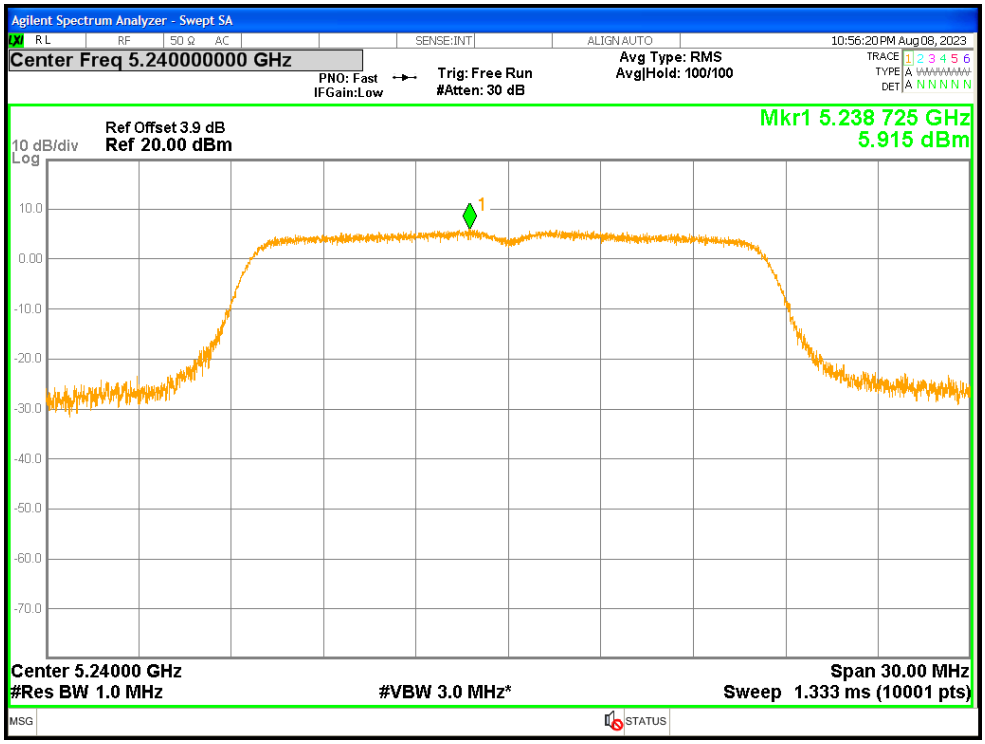
PSD NVNT a 5180MHz Ant2



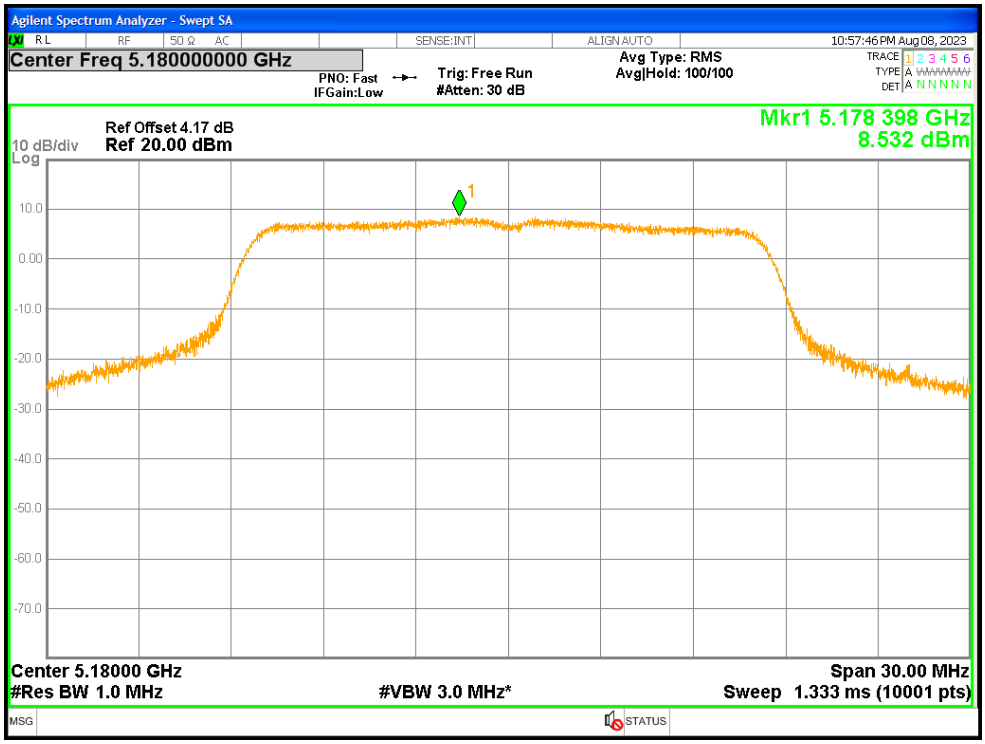
PSD NVNT a 5200MHz Ant2



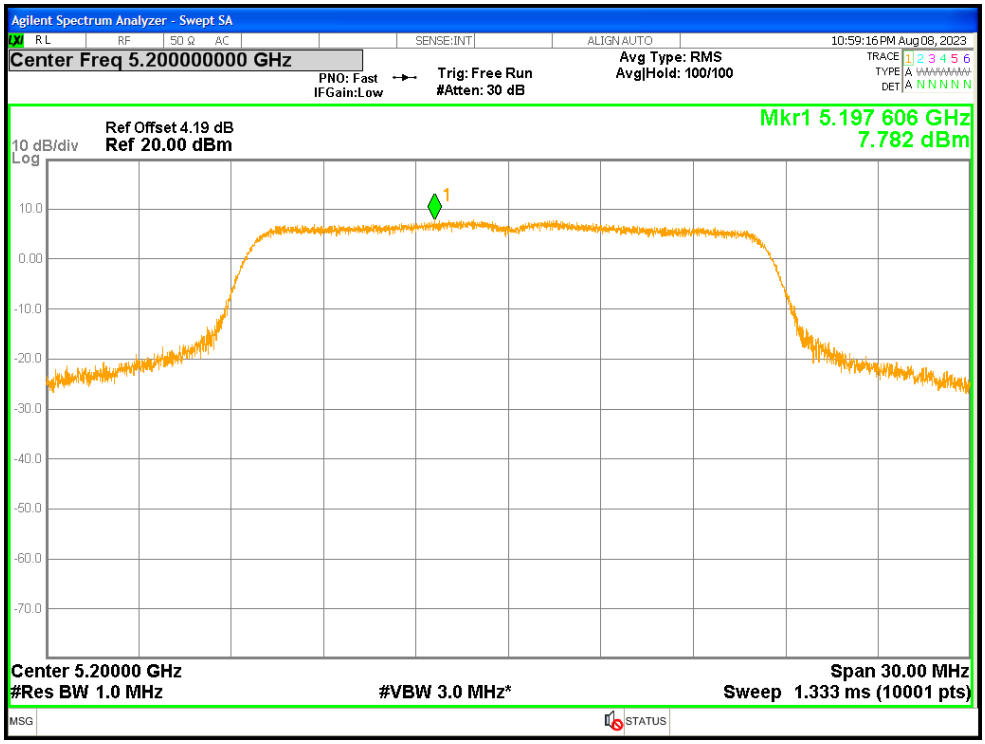
PSD NVNT a 5240MHz Ant2



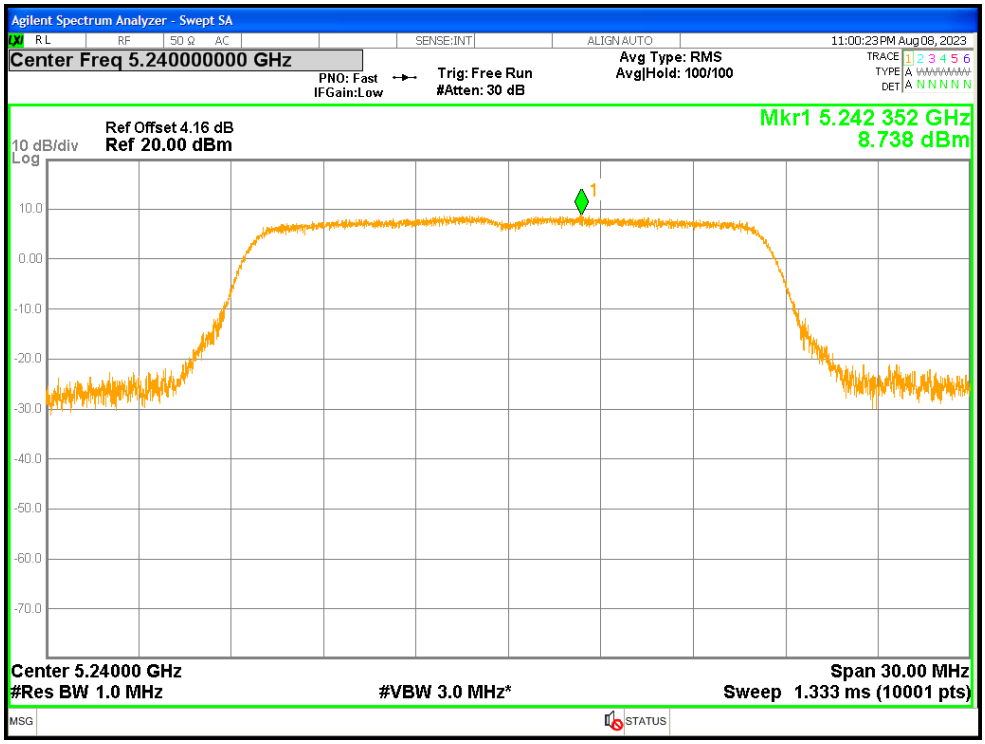
PSD NVNT a 5180MHz Ant3



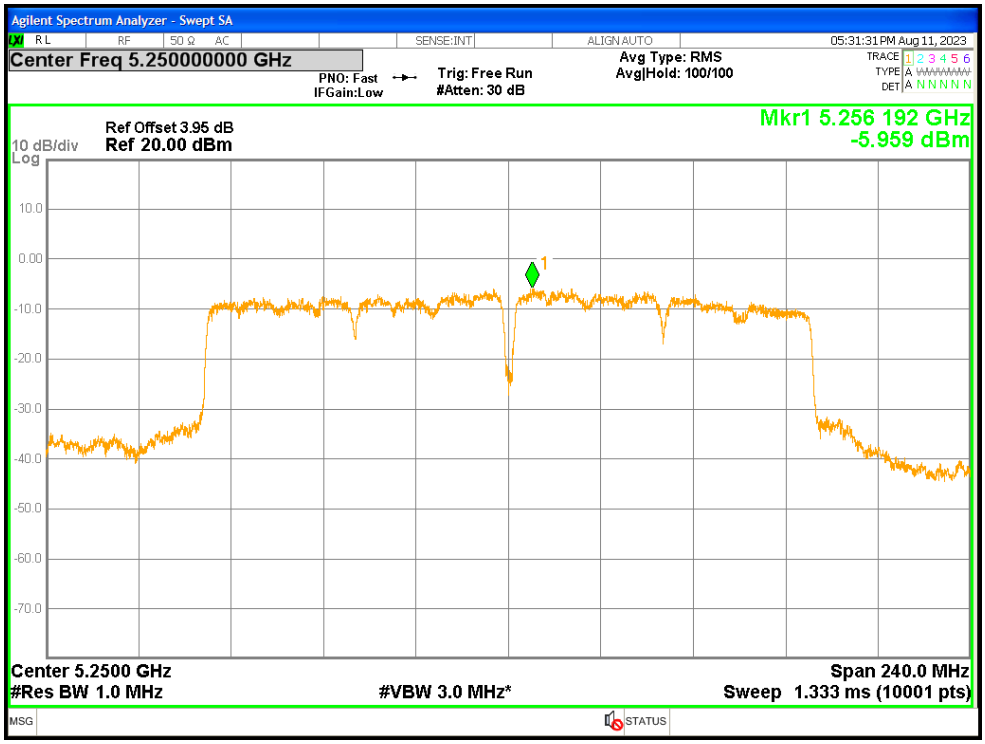
PSD NVNT a 5200MHz Ant3



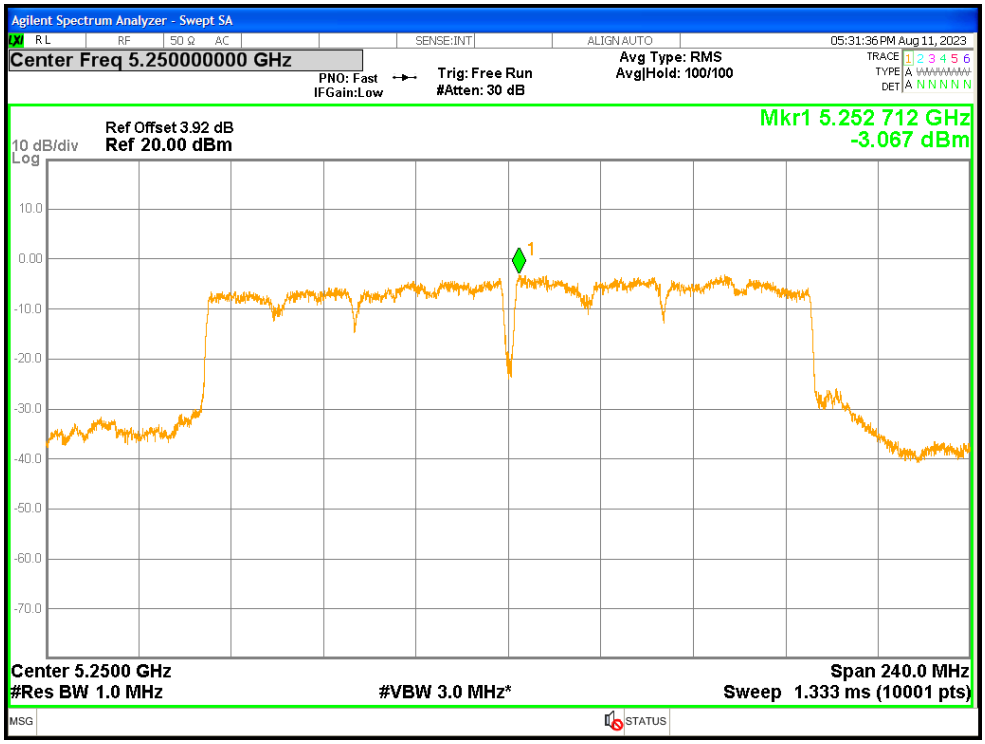
PSD NVNT a 5240MHz Ant3



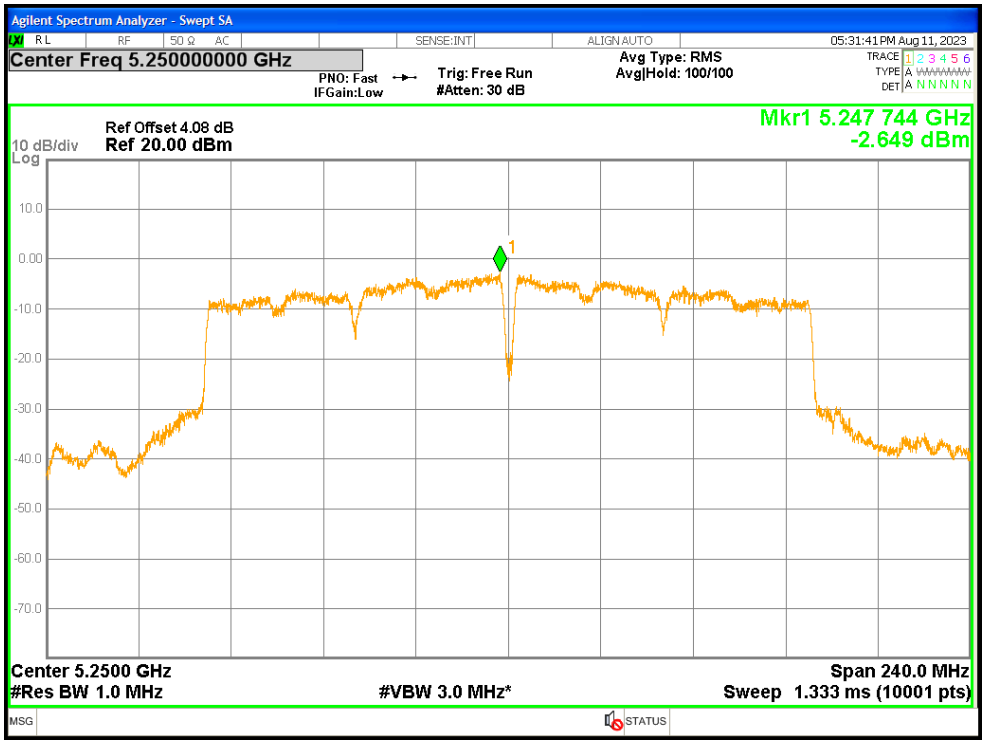
PSD NVNT ac160 5250MHz Ant1



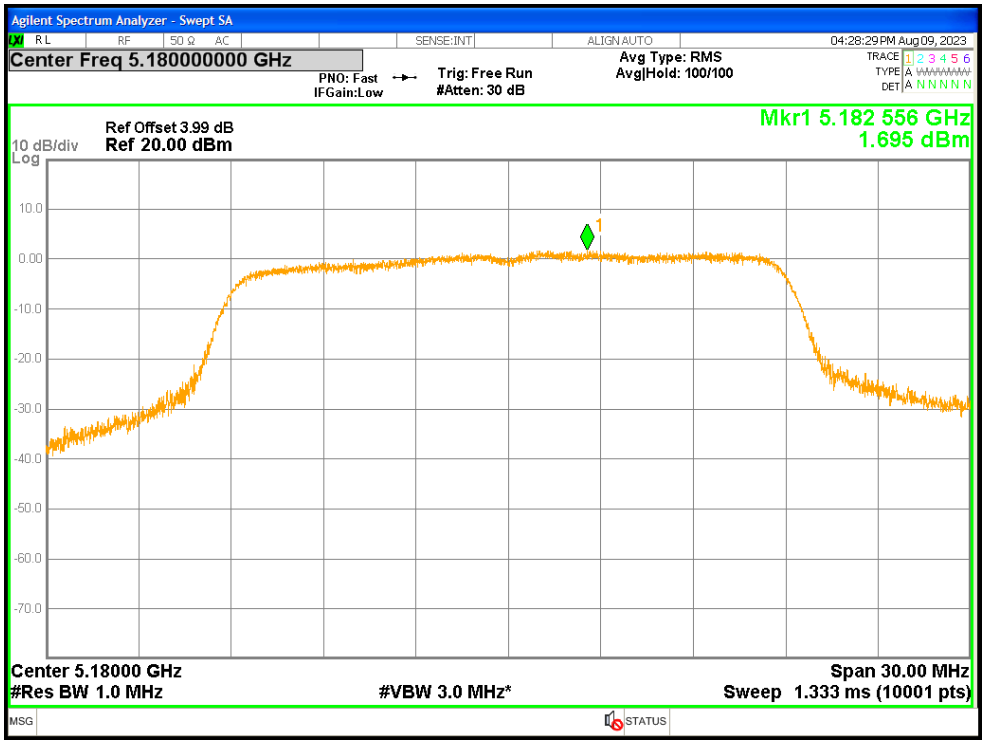
PSD NVNT ac160 5250MHz Ant2



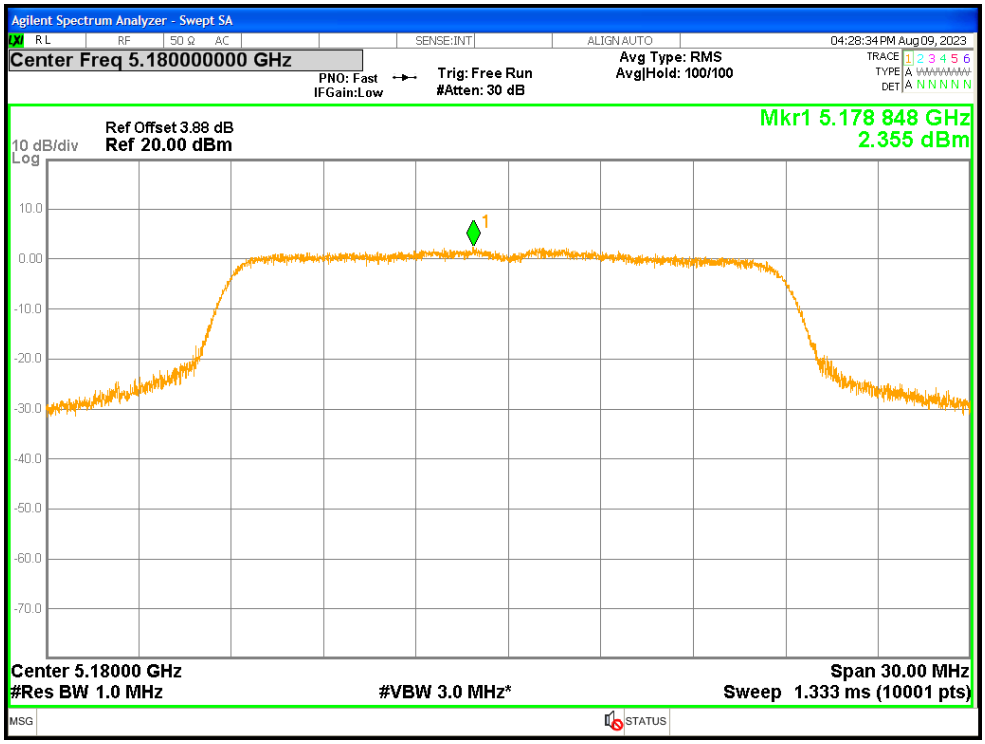
PSD NVNT ac160 5250MHz Ant3



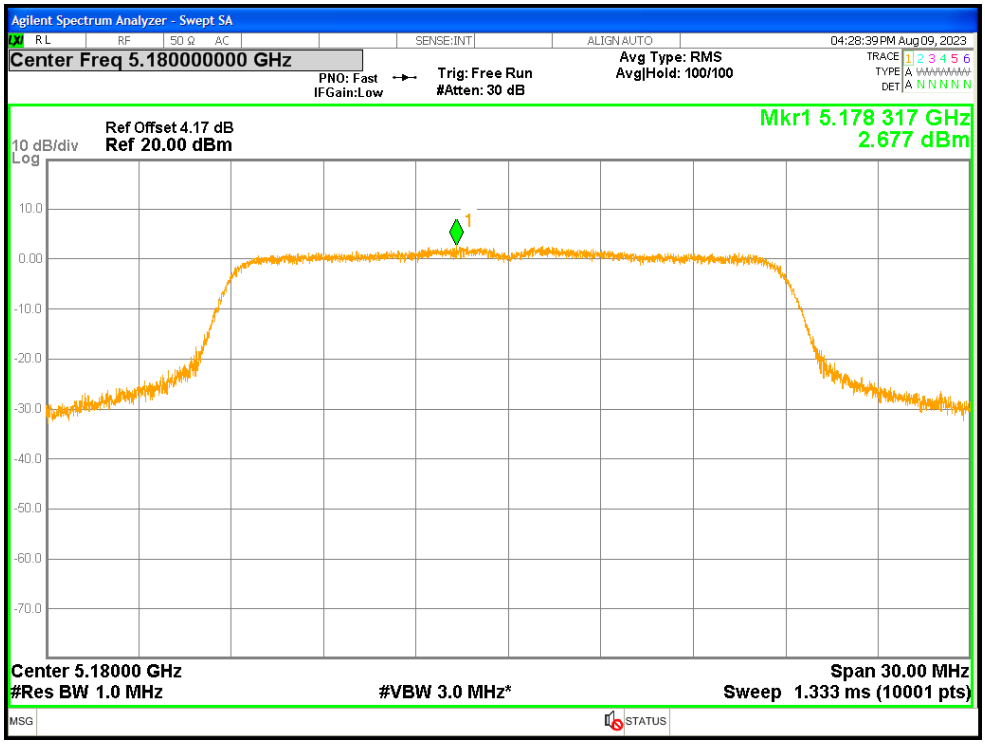
PSD NVNT ac20 5180MHz Ant1



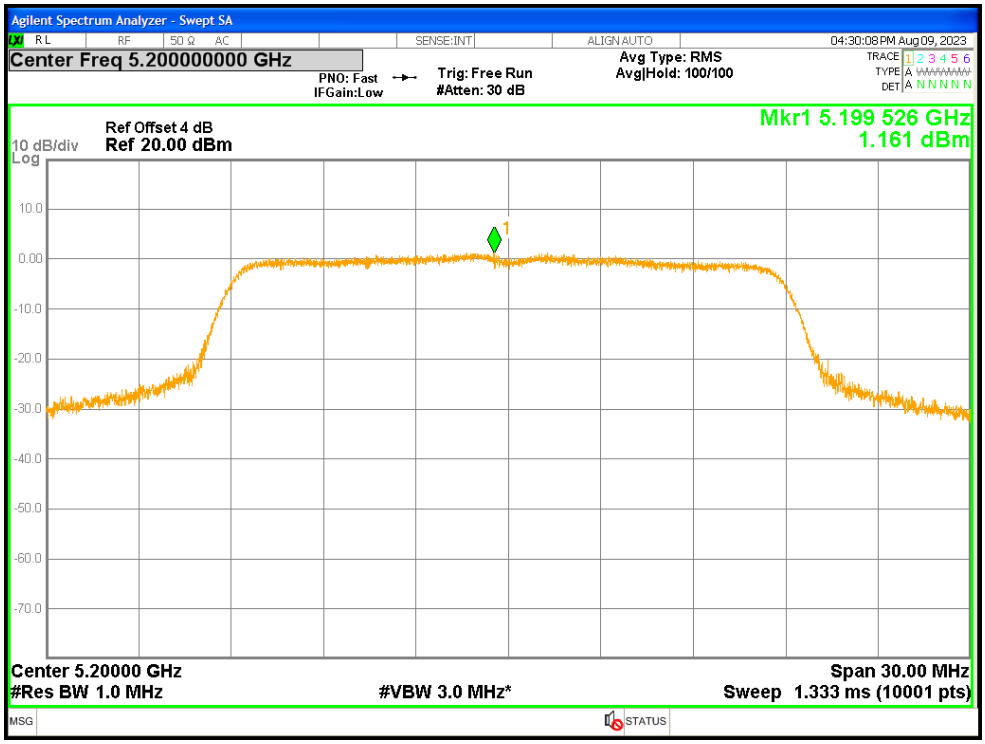
PSD NVNT ac20 5180MHz Ant2



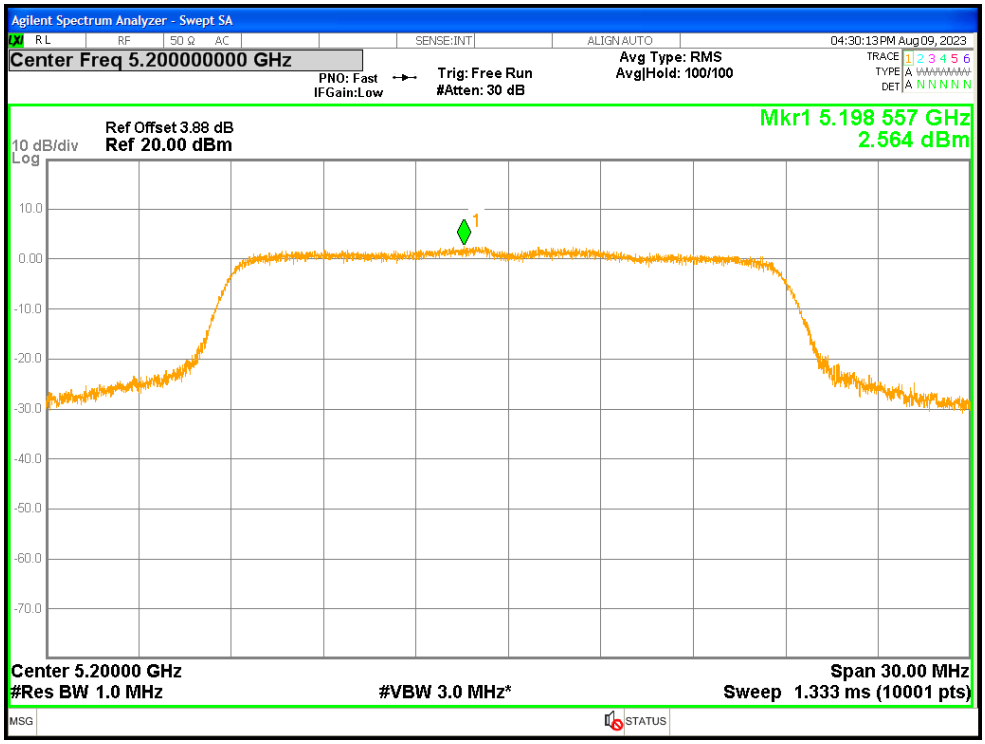
PSD NVNT ac20 5180MHz Ant3



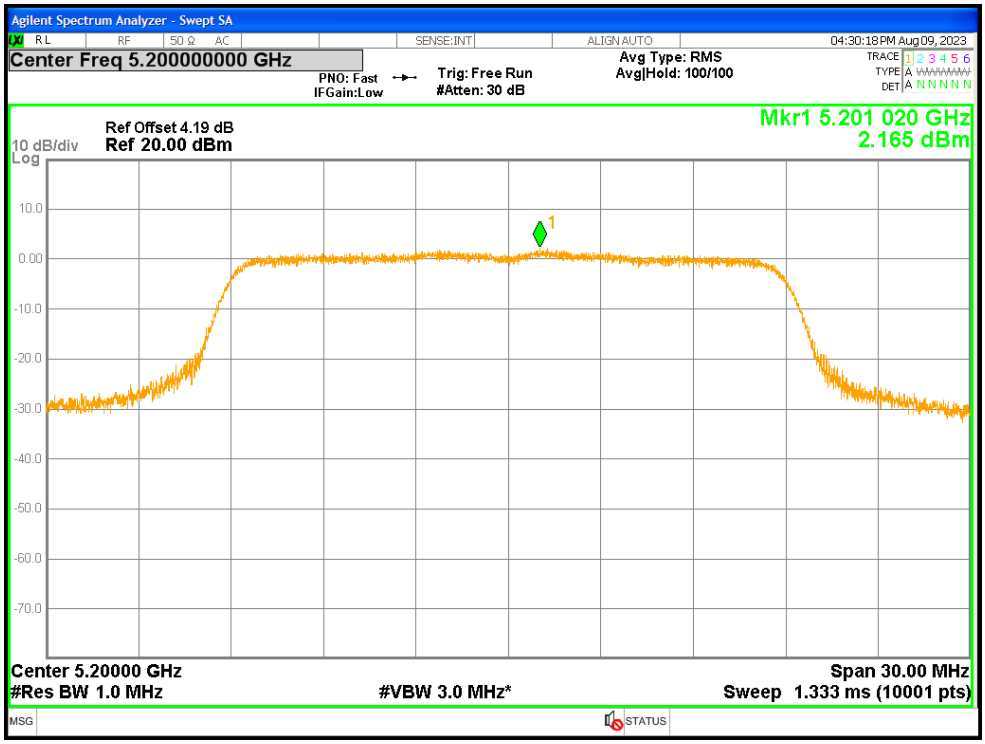
PSD NVNT ac20 5200MHz Ant1



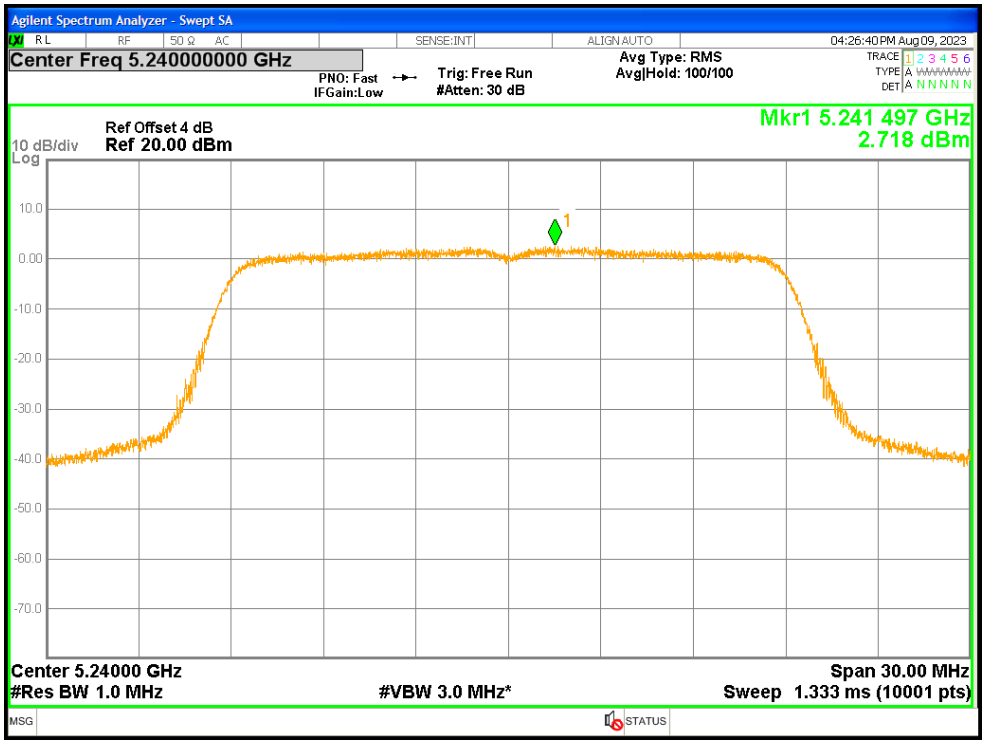
PSD NVNT ac20 5200MHz Ant2



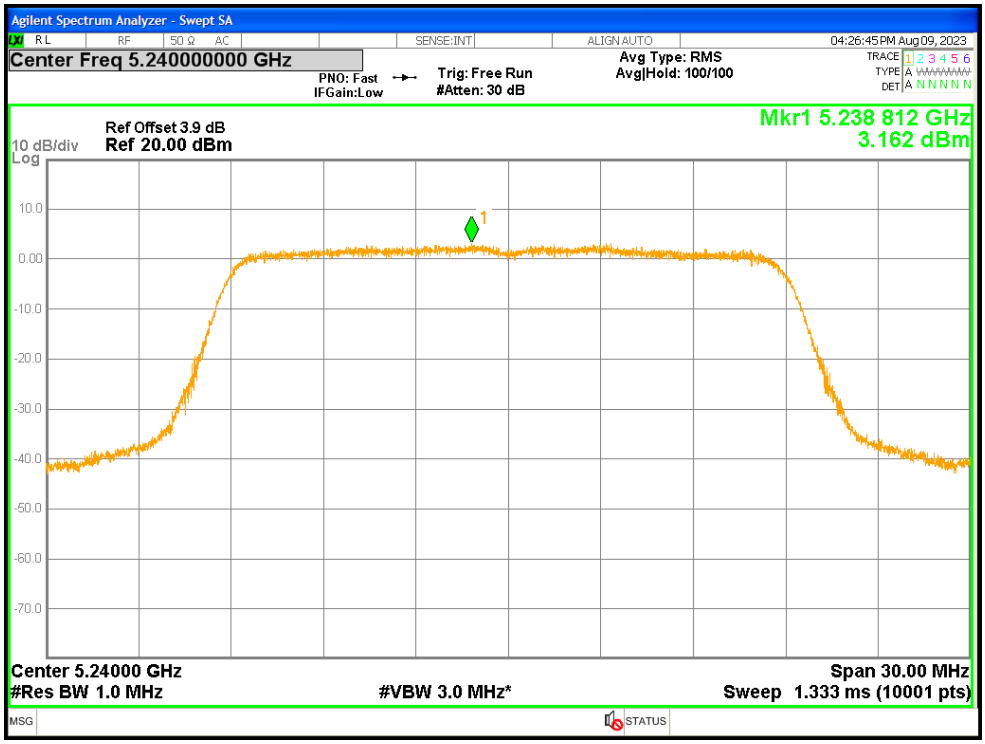
PSD NVNT ac20 5200MHz Ant3



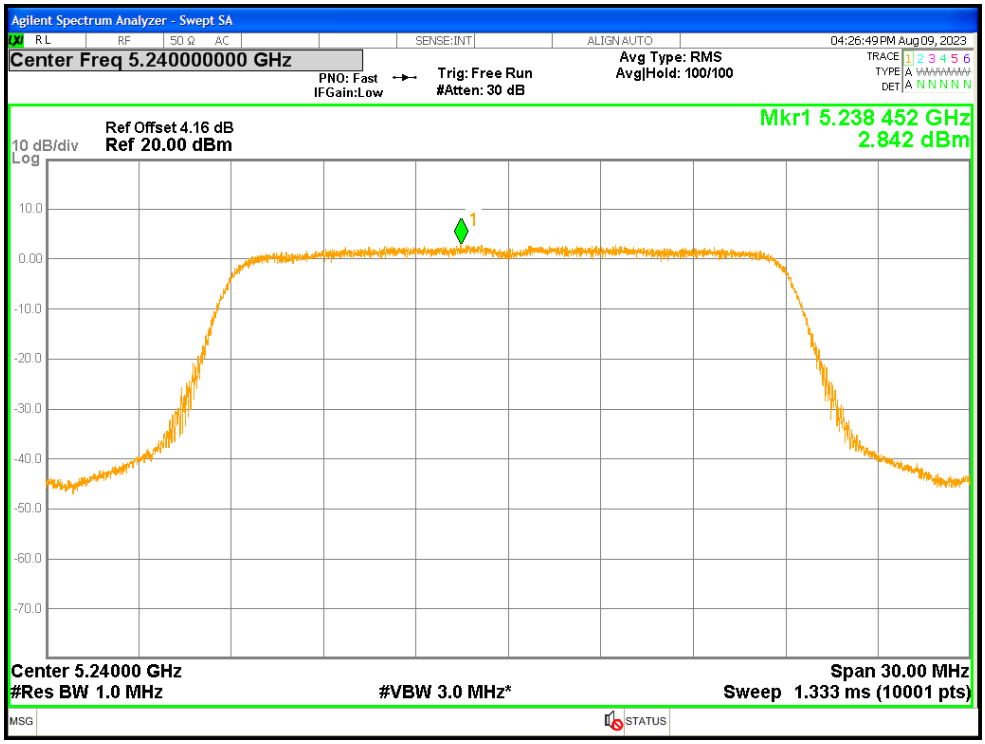
PSD NVNT ac20 5240MHz Ant1



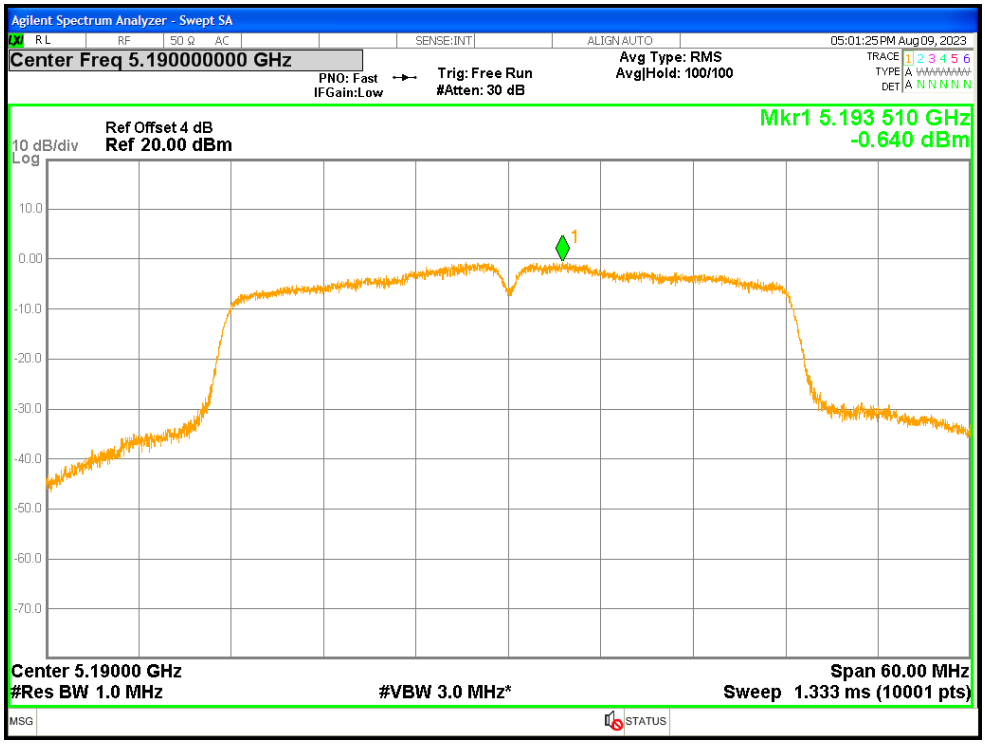
PSD NVNT ac20 5240MHz Ant2



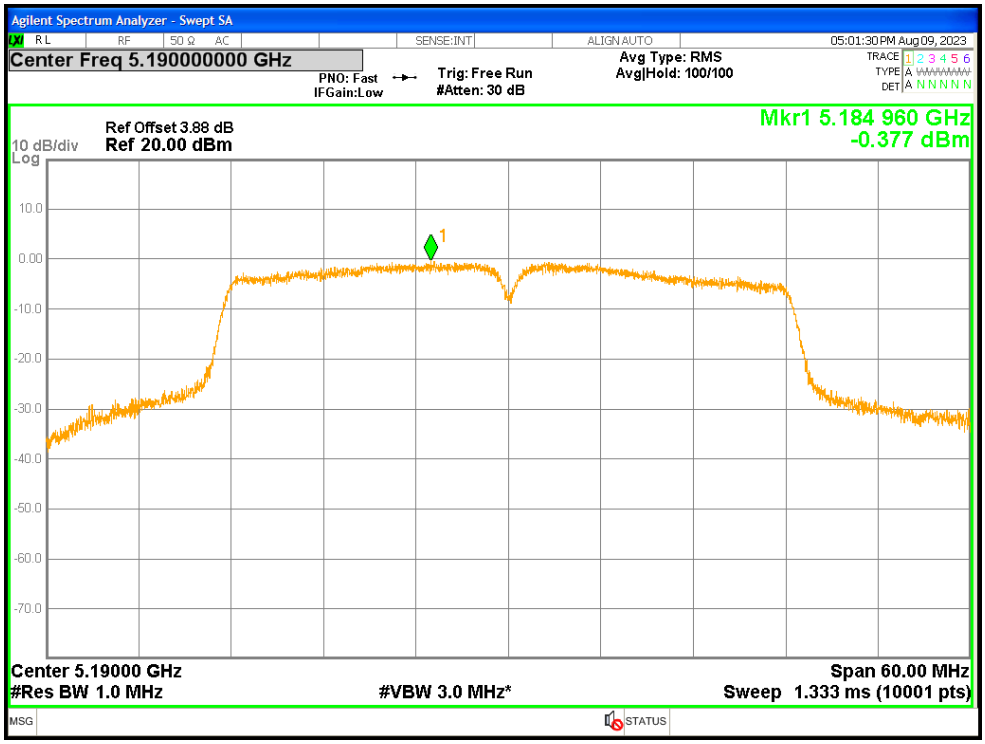
PSD NVNT ac20 5240MHz Ant3



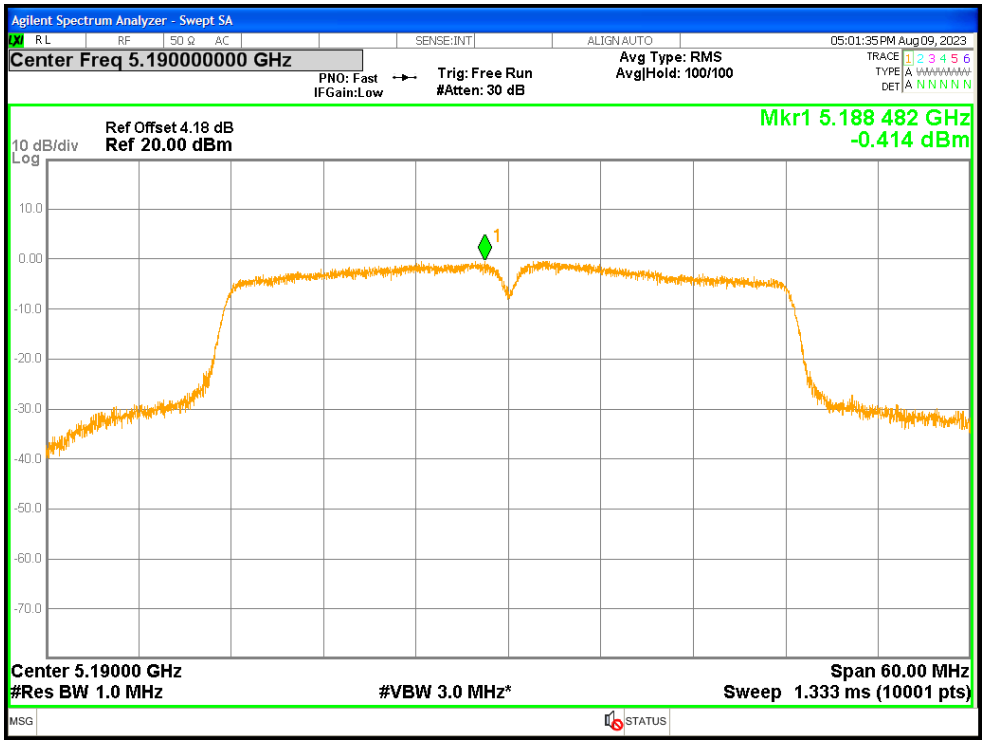
PSD NVNT ac40 5190MHz Ant1



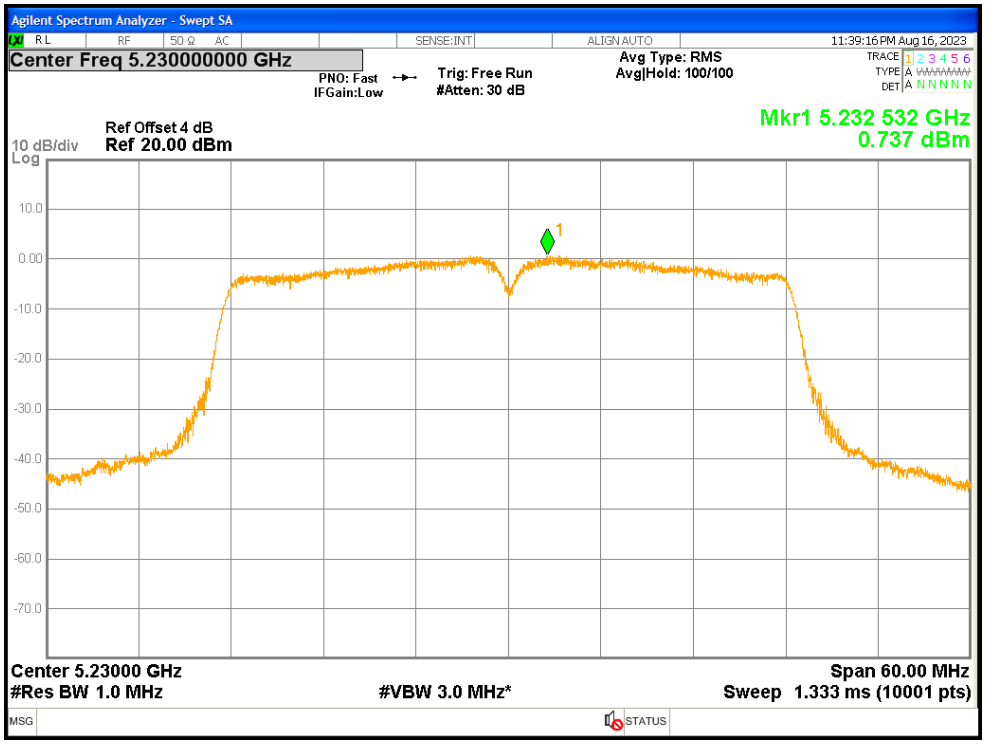
PSD NVNT ac40 5190MHz Ant2



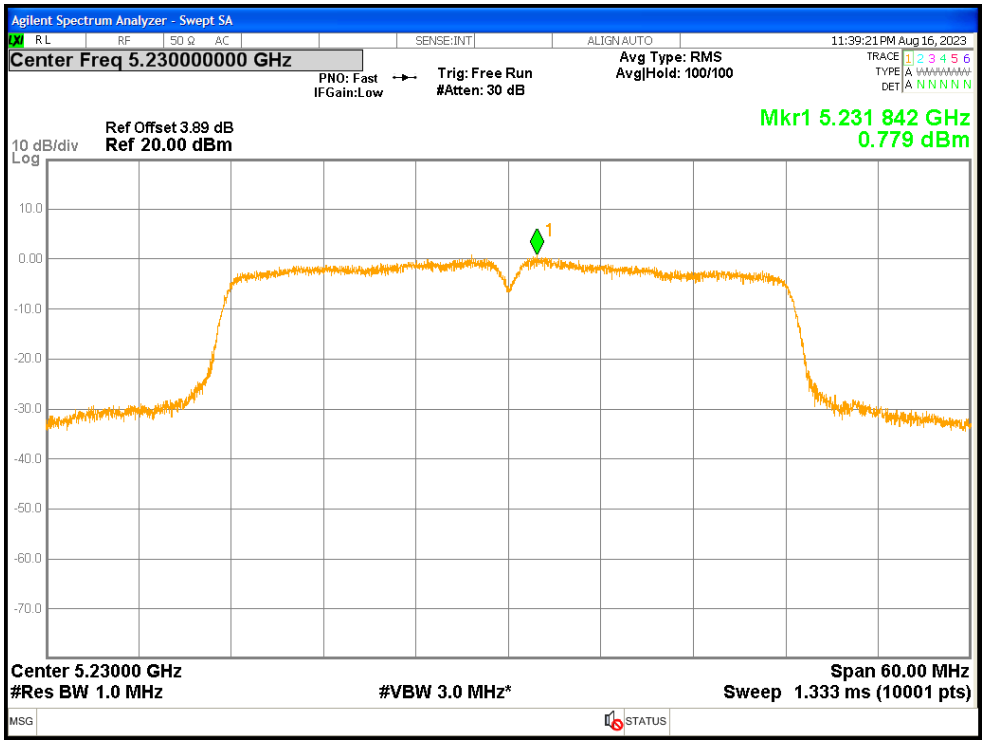
PSD NVNT ac40 5190MHz Ant3



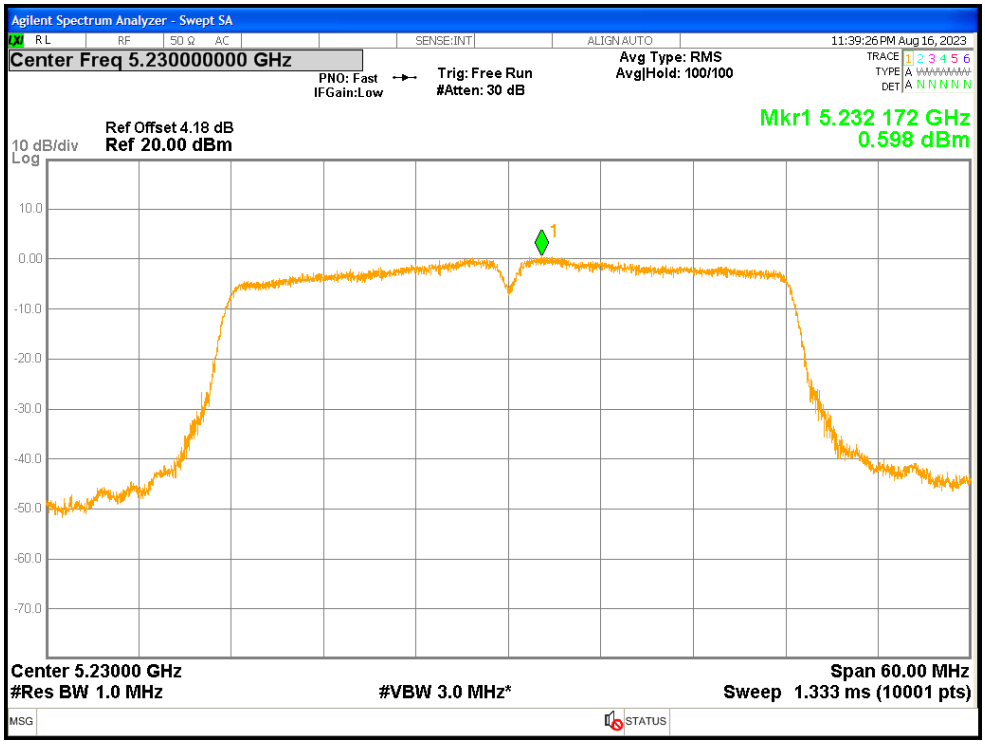
PSD NVNT ac40 5230MHz Ant1



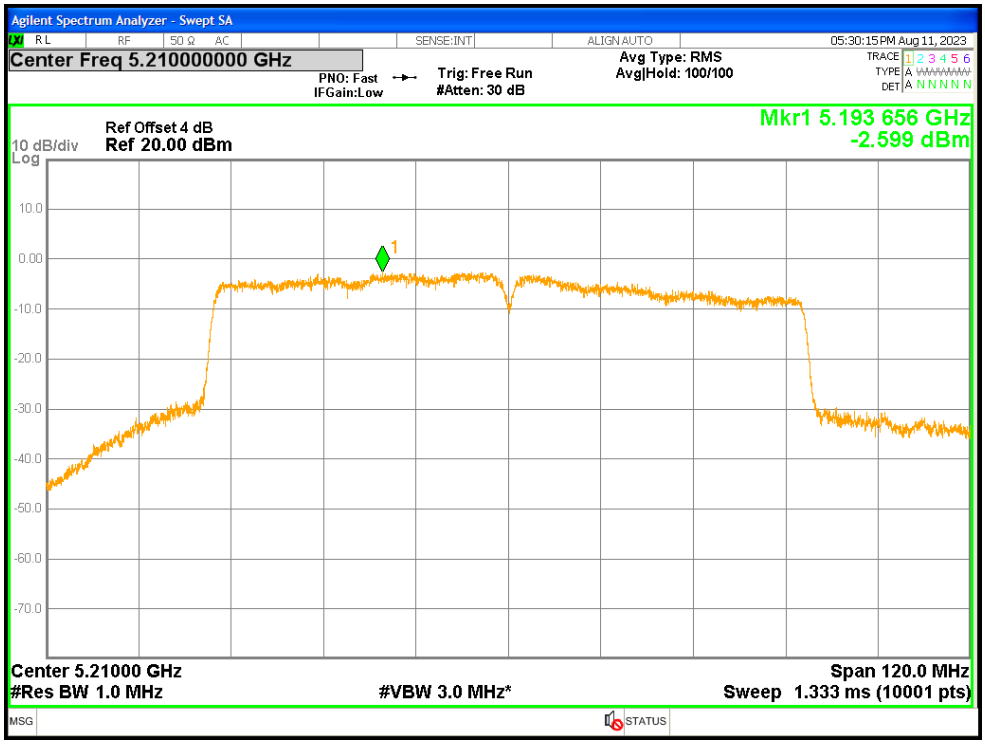
PSD NVNT ac40 5230MHz Ant2



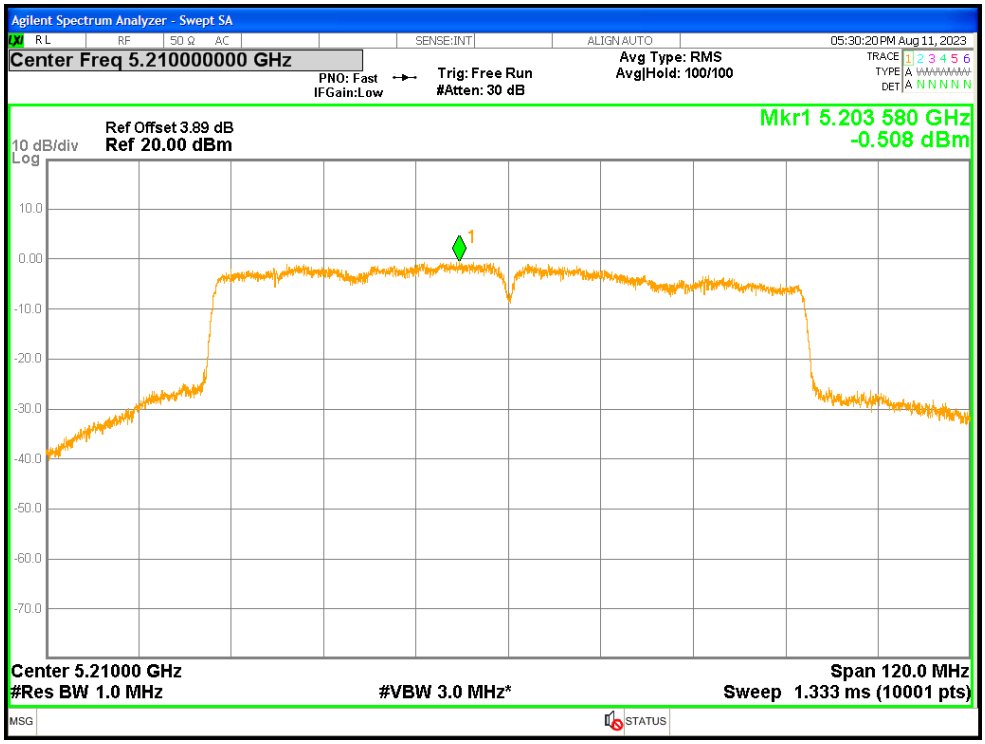
PSD NVNT ac40 5230MHz Ant3



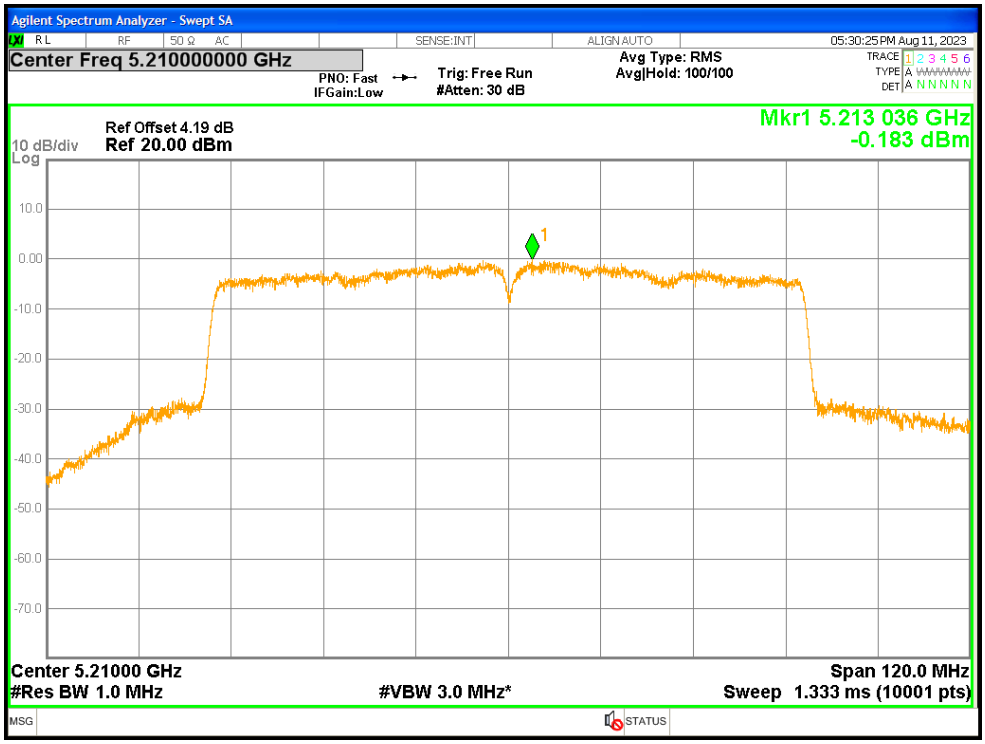
PSD NVNT ac80 5210MHz Ant1



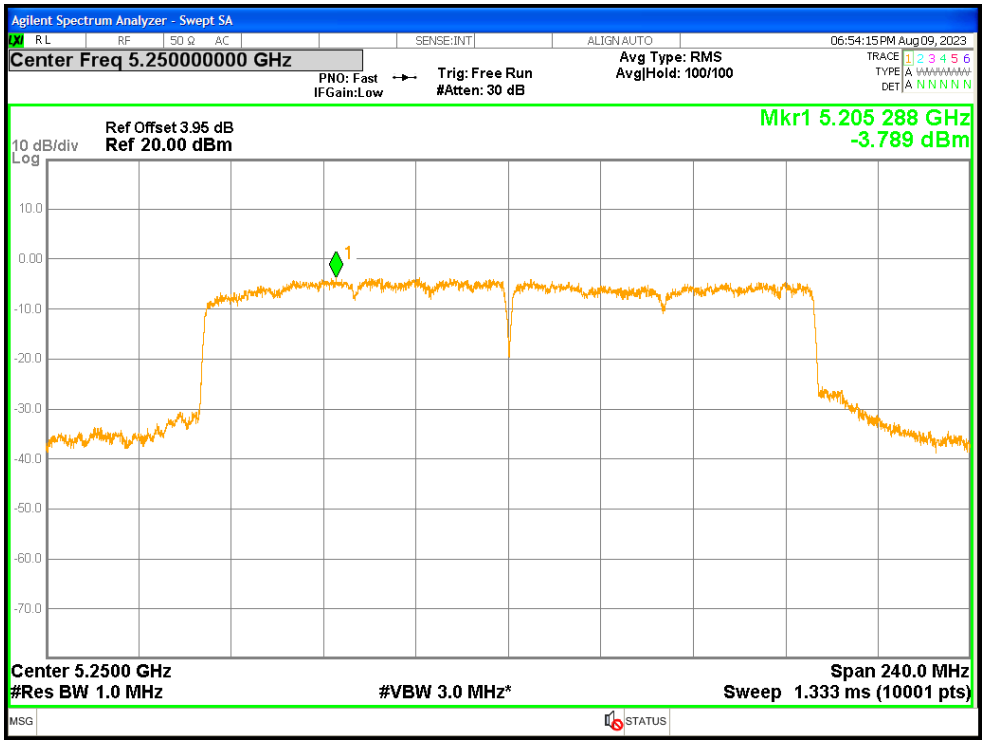
PSD NVNT ac80 5210MHz Ant2



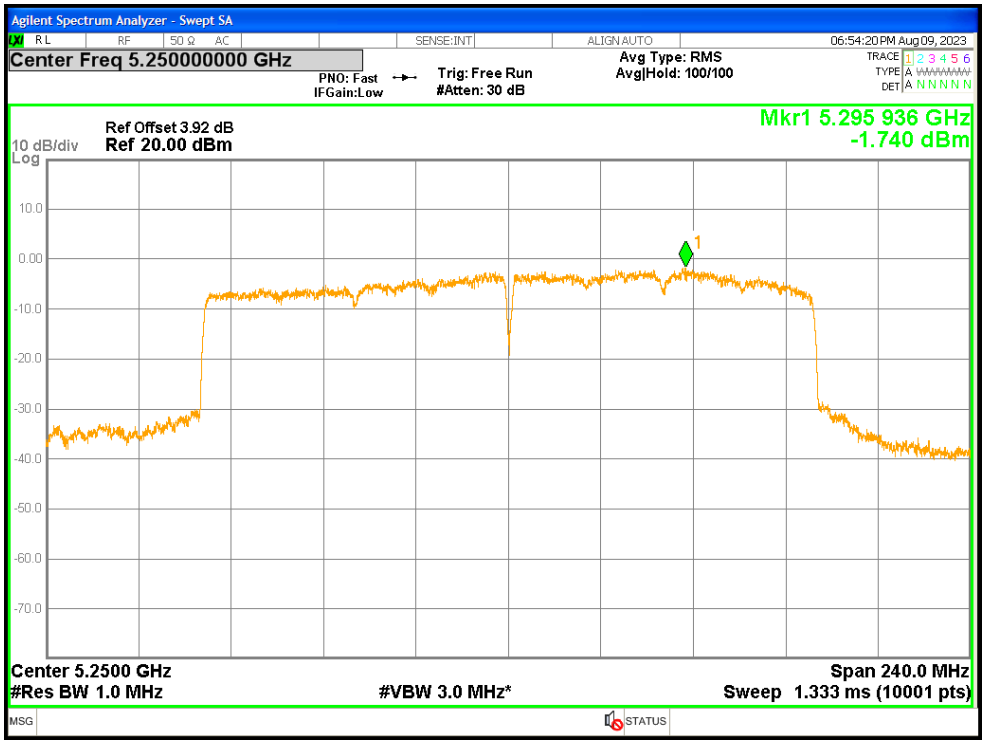
PSD NVNT ac80 5210MHz Ant3



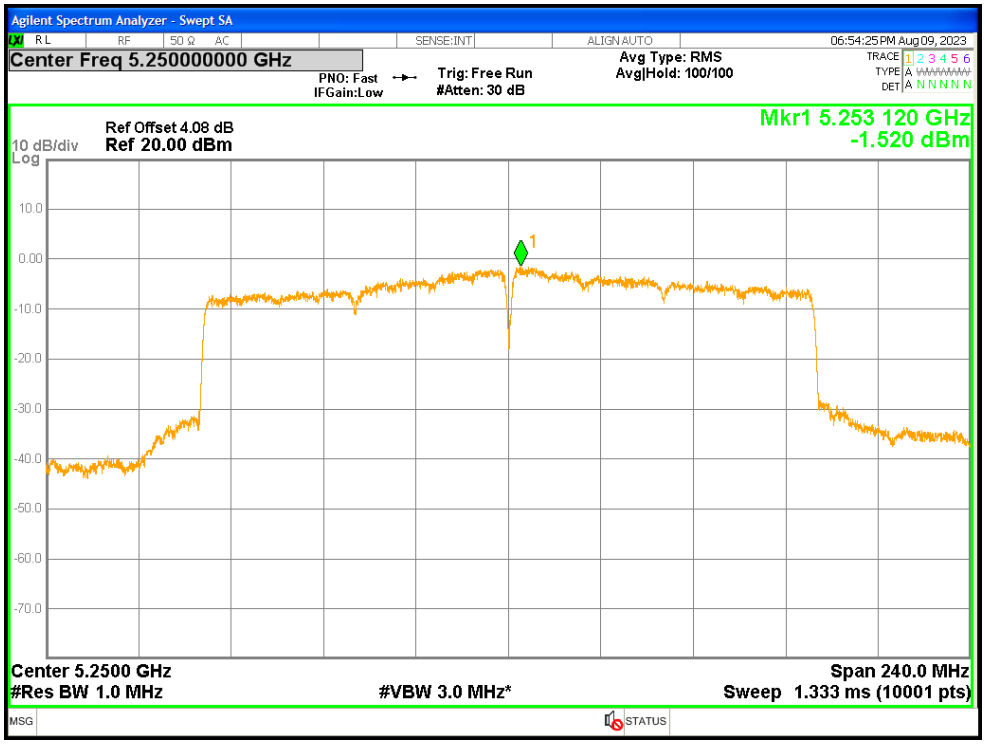
PSD NVNT ax160 5250MHz Ant1



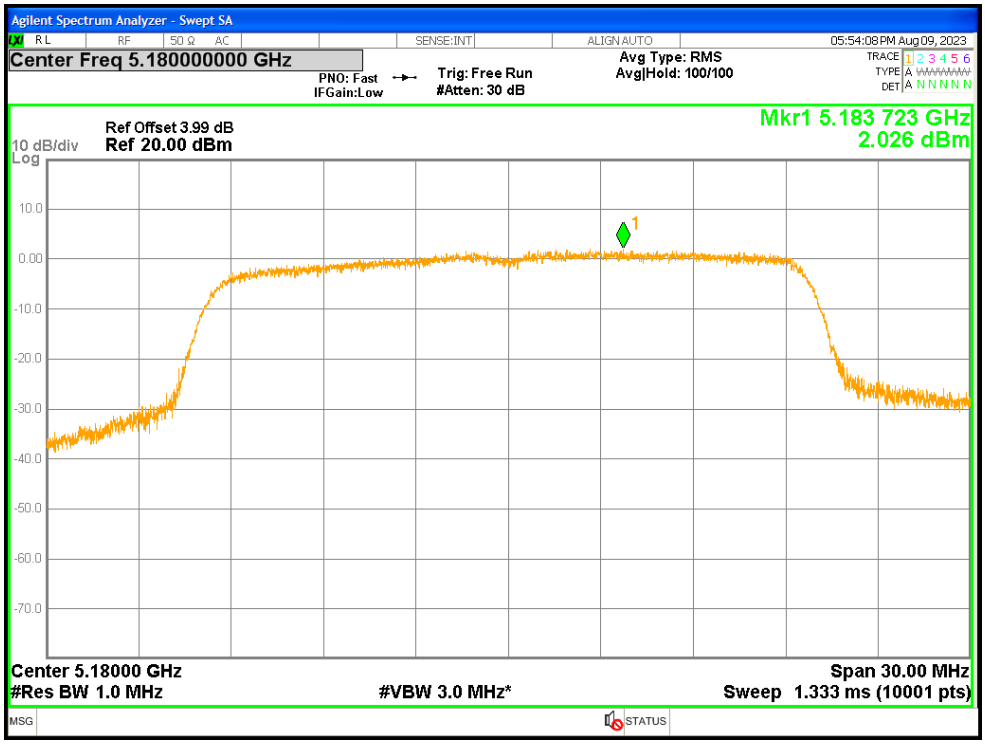
PSD NVNT ax160 5250MHz Ant2



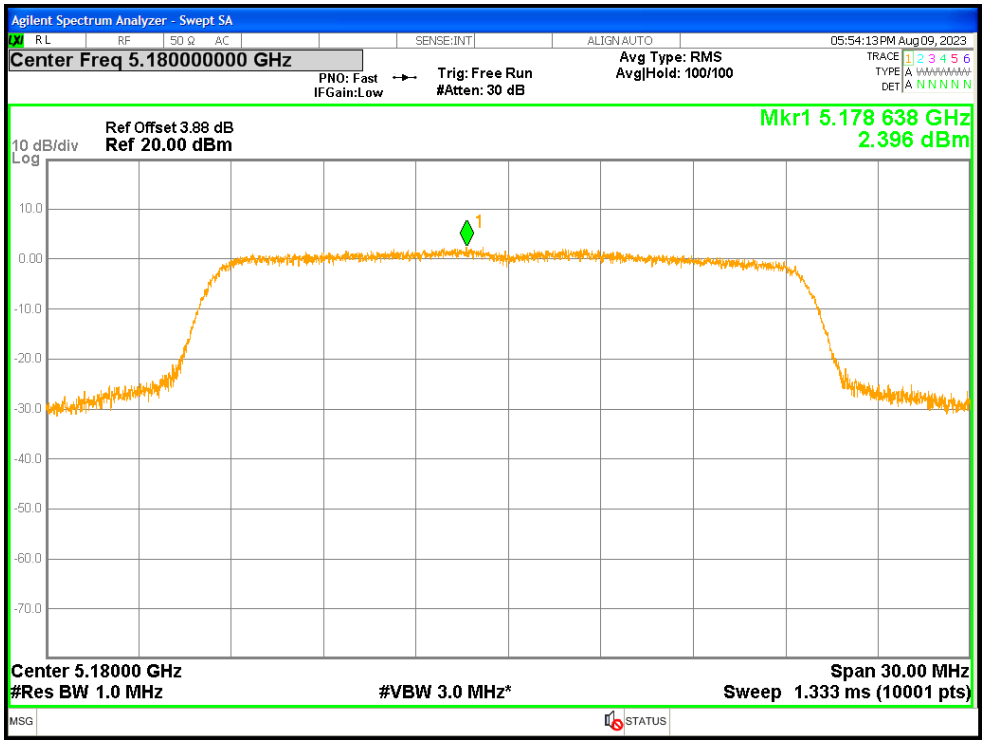
PSD NVNT ax160 5250MHz Ant3



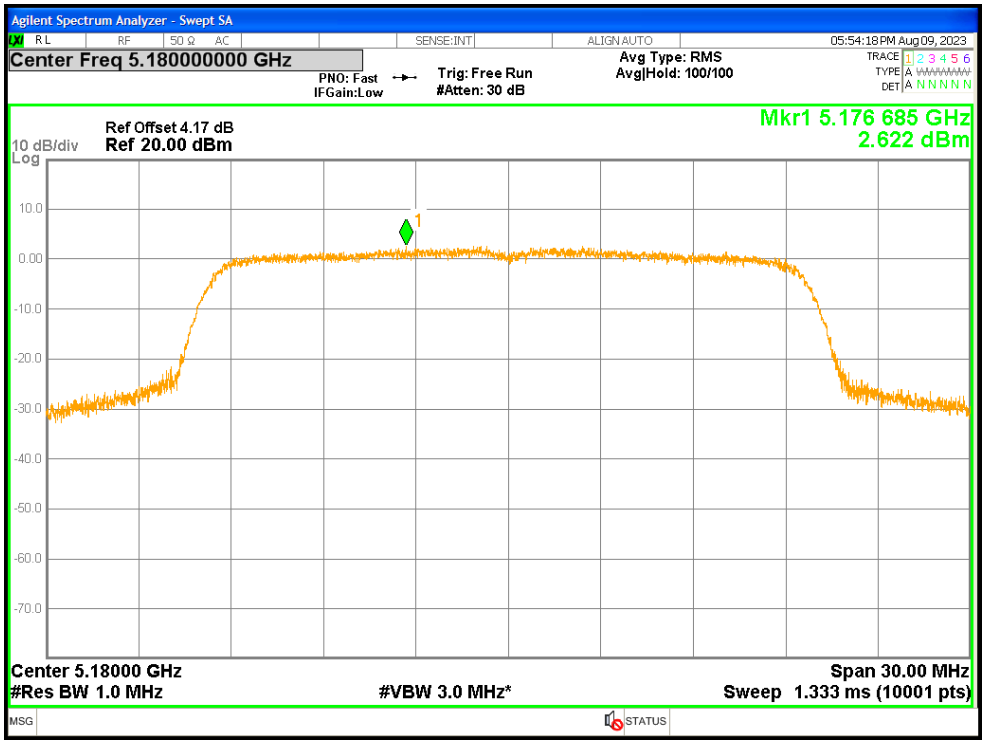
PSD NVNT ax20 5180MHz Ant1



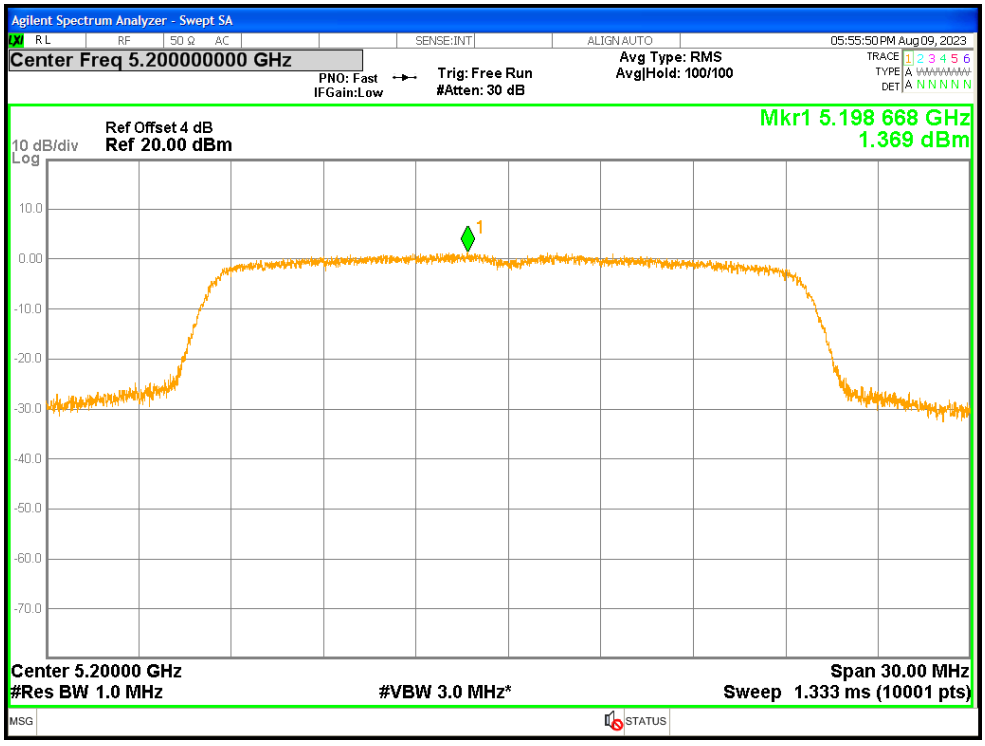
PSD NVNT ax20 5180MHz Ant2



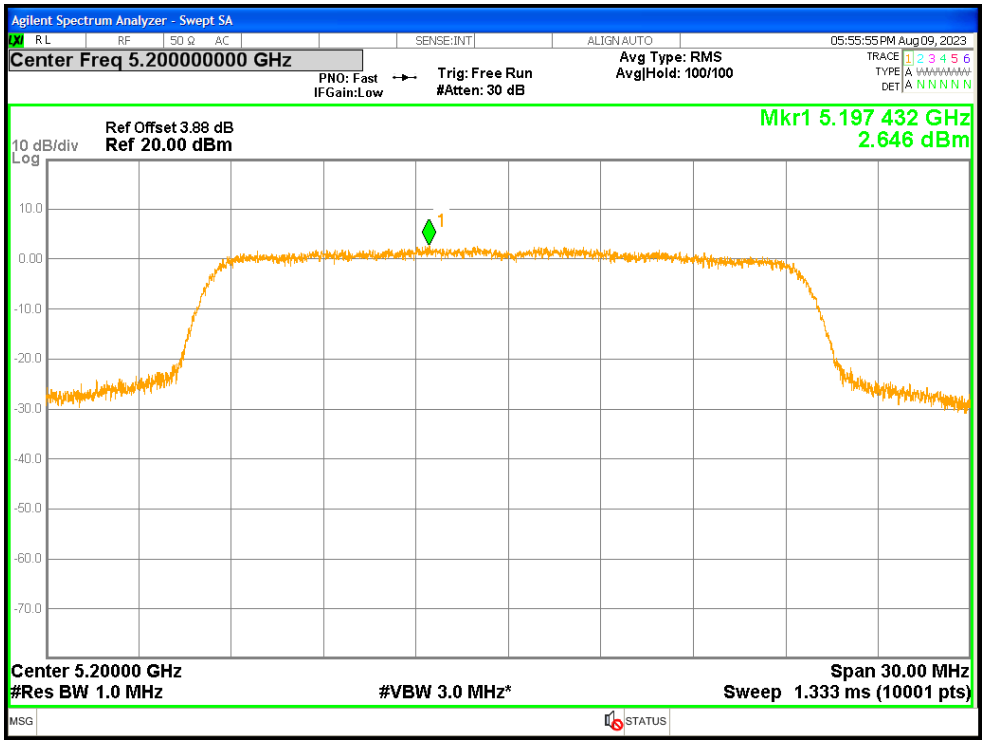
PSD NVNT ax20 5180MHz Ant3



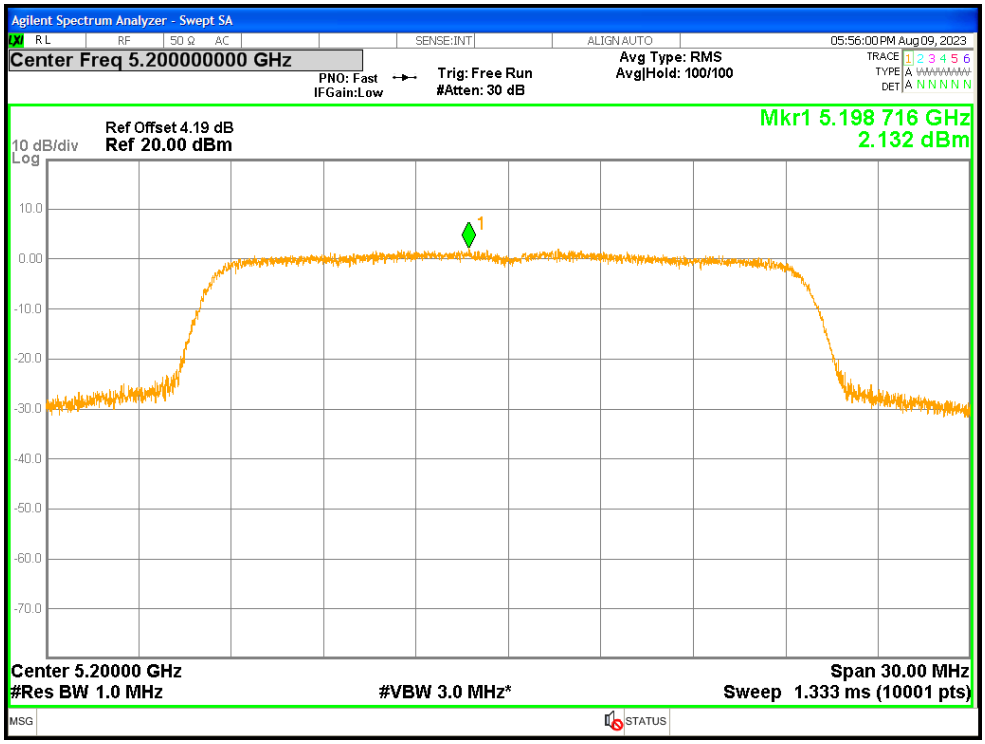
PSD NVNT ax20 5200MHz Ant1



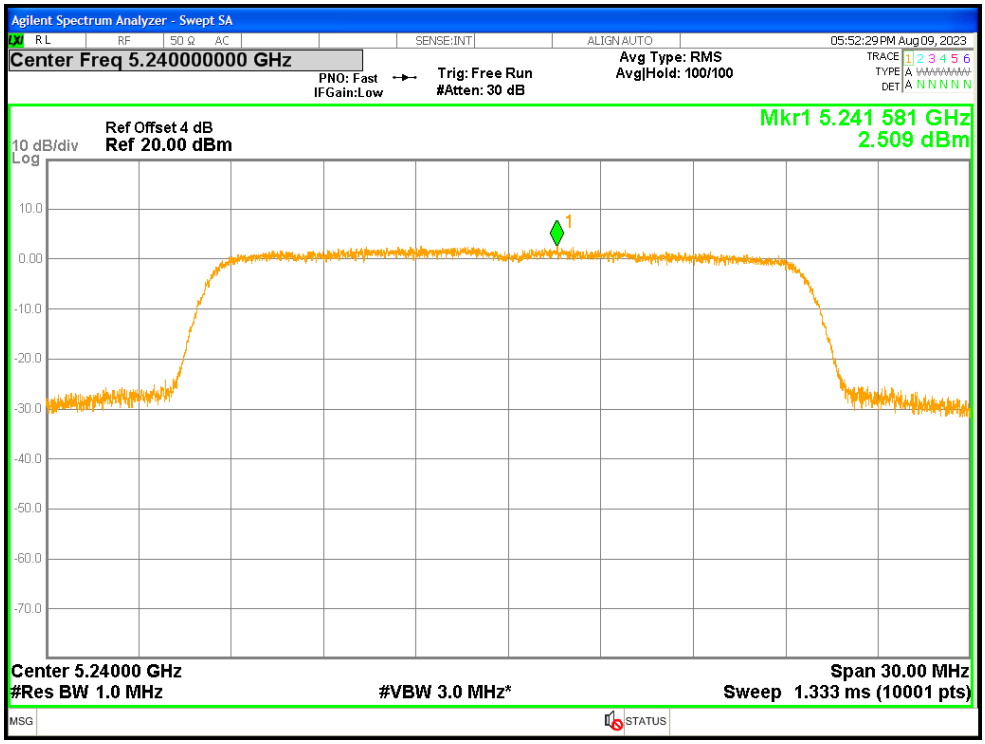
PSD NVNT ax20 5200MHz Ant2



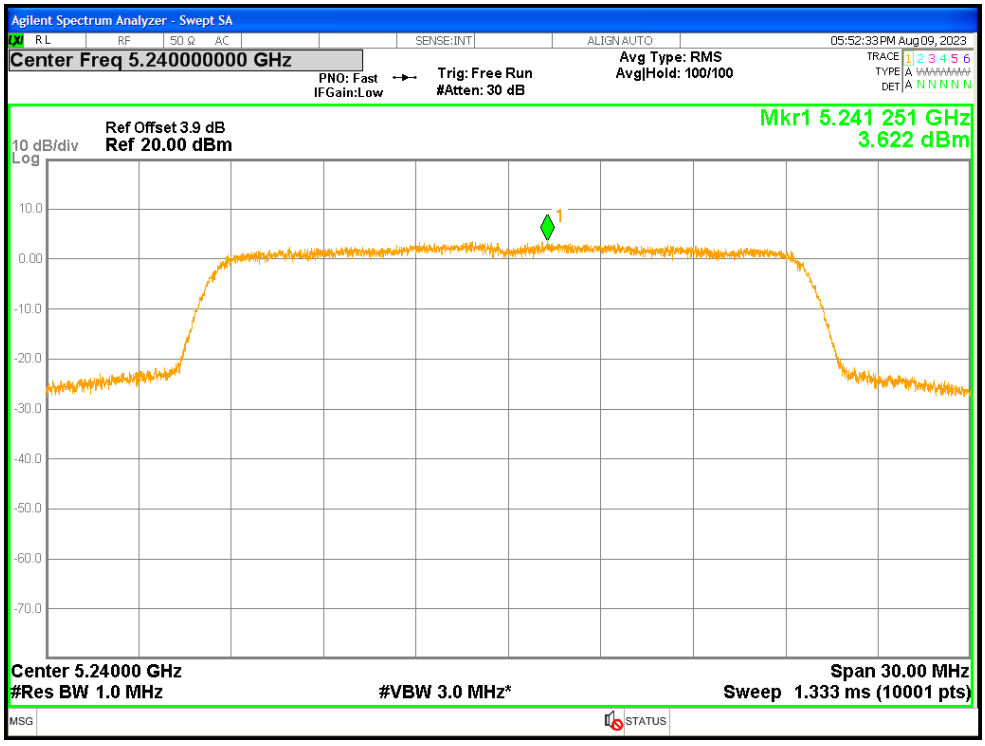
PSD NVNT ax20 5200MHz Ant3



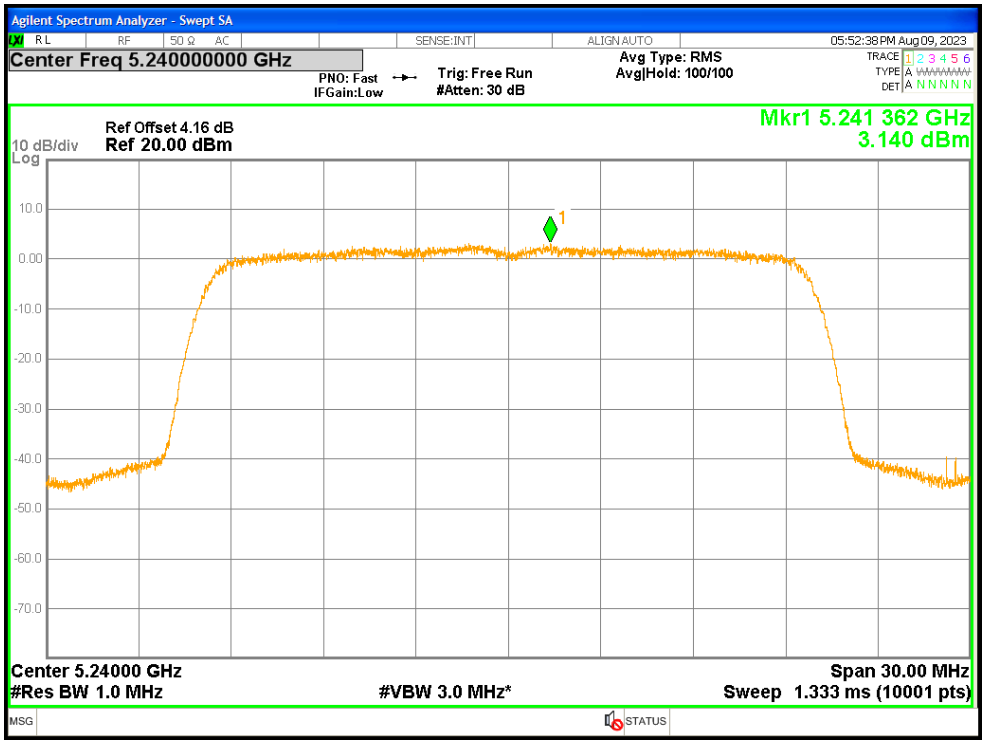
PSD NVNT ax20 5240MHz Ant1



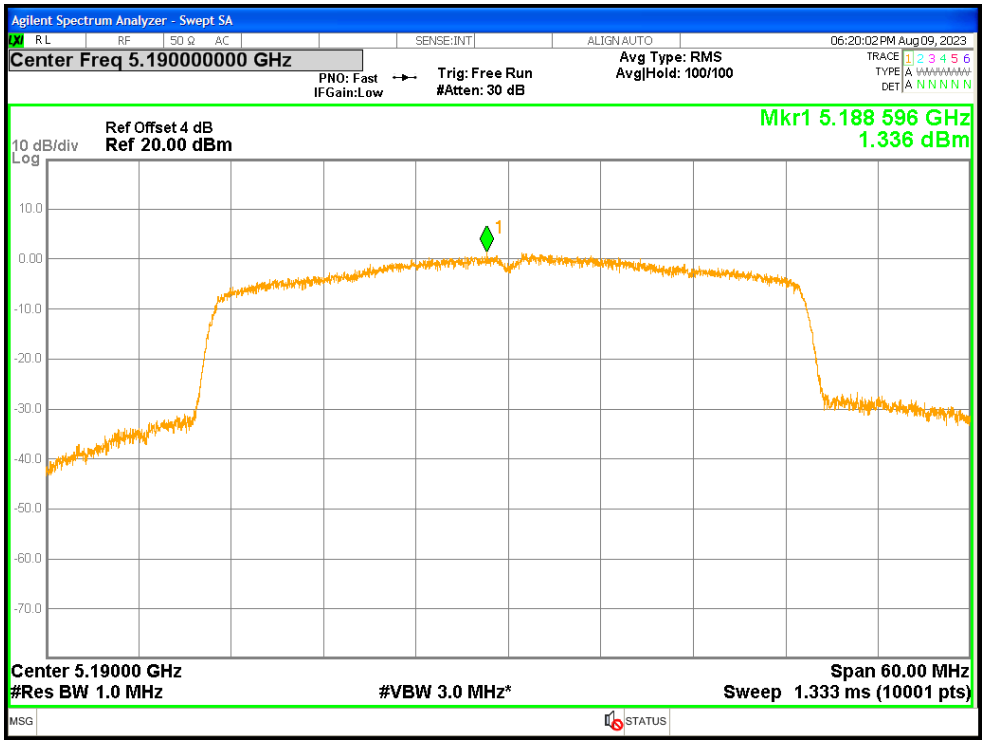
PSD NVNT ax20 5240MHz Ant2



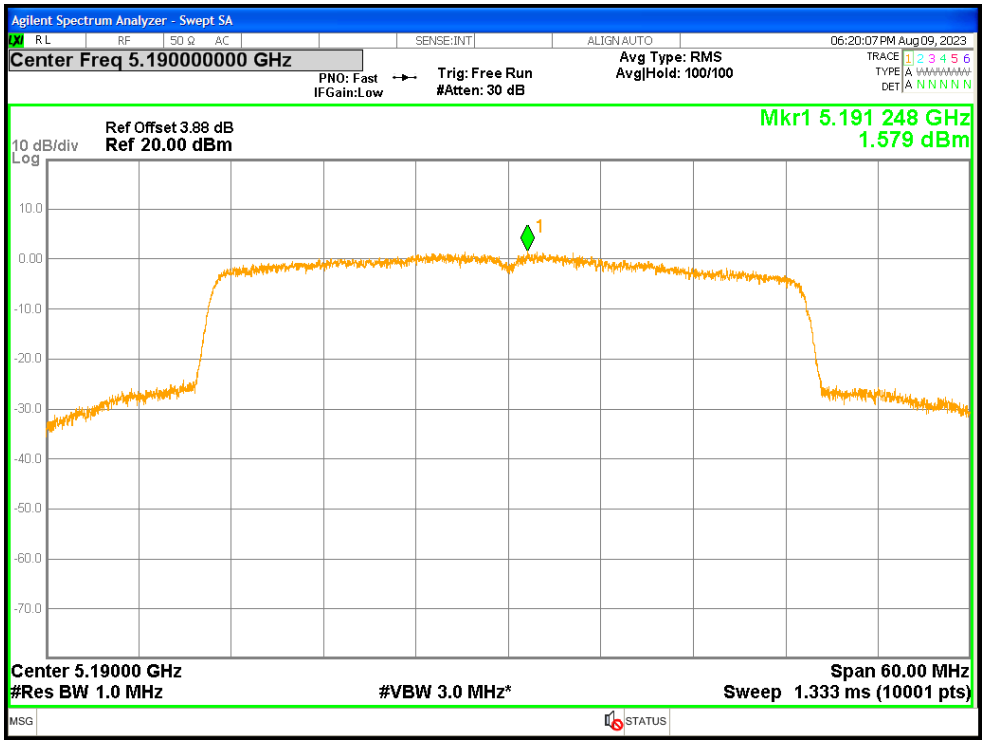
PSD NVNT ax20 5240MHz Ant3



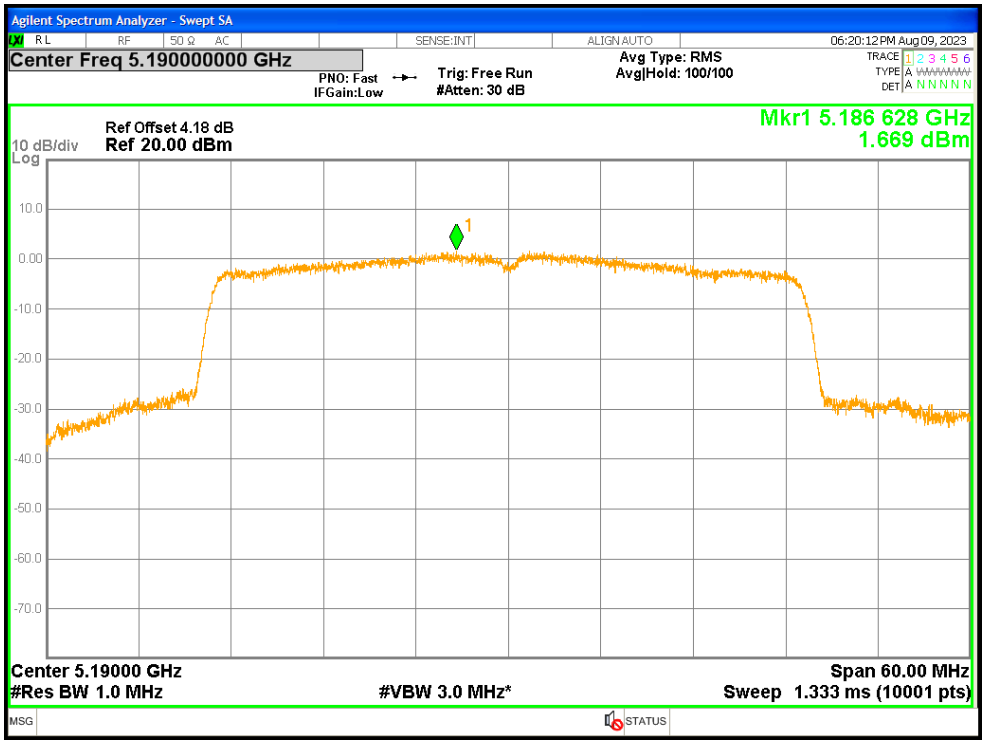
PSD NVNT ax40 5190MHz Ant1



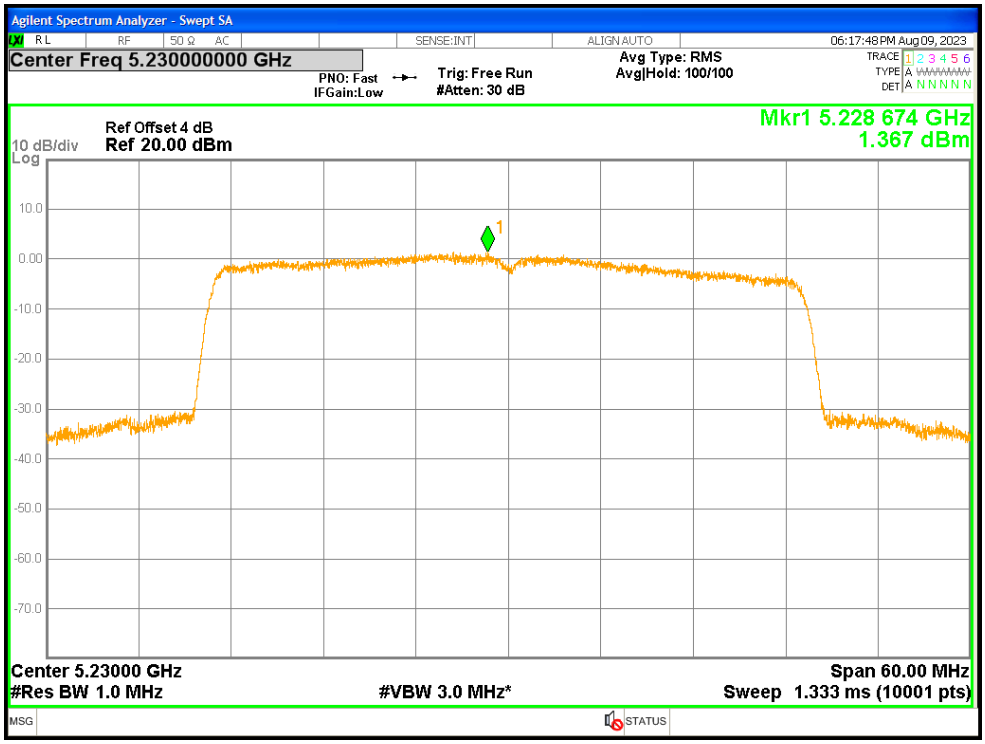
PSD NVNT ax40 5190MHz Ant2



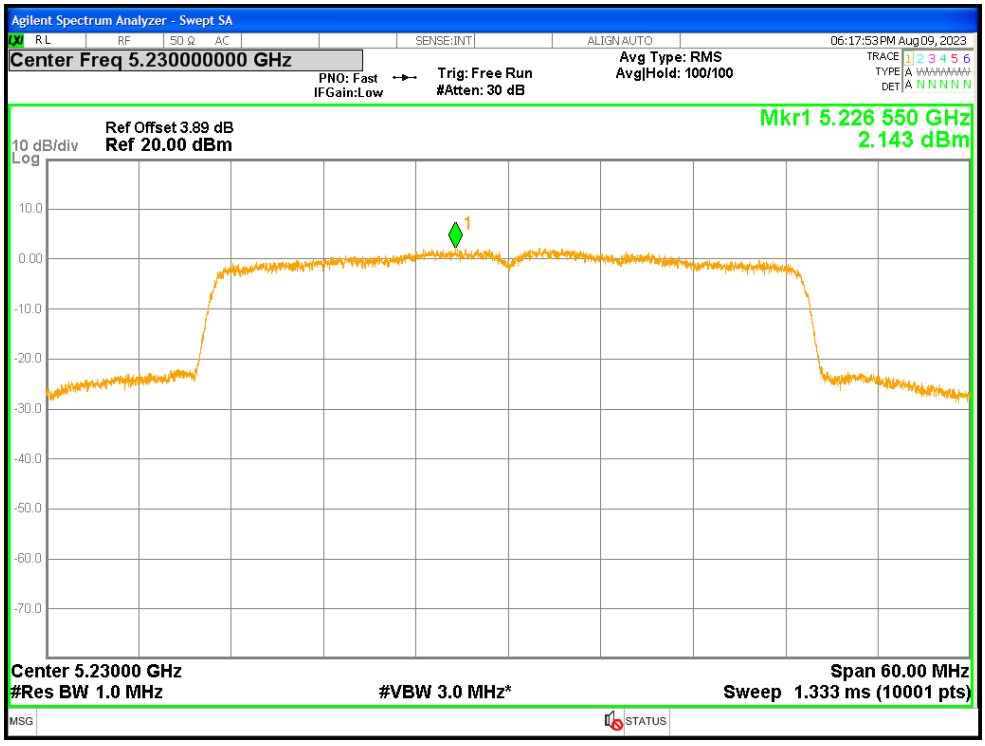
PSD NVNT ax40 5190MHz Ant3



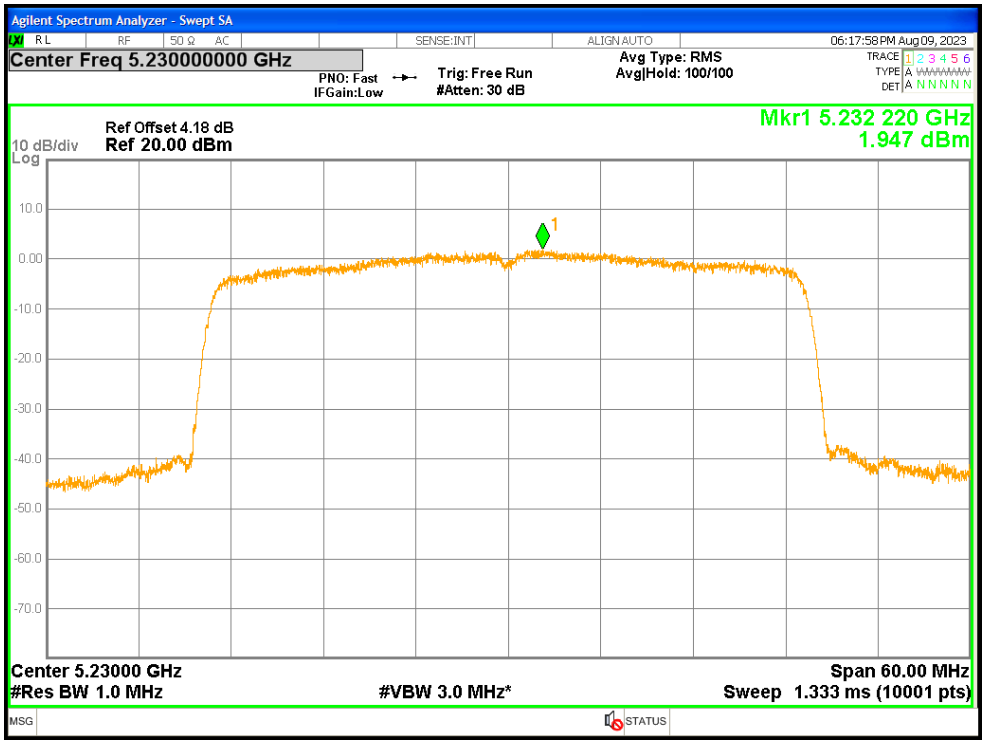
PSD NVNT ax40 5230MHz Ant1



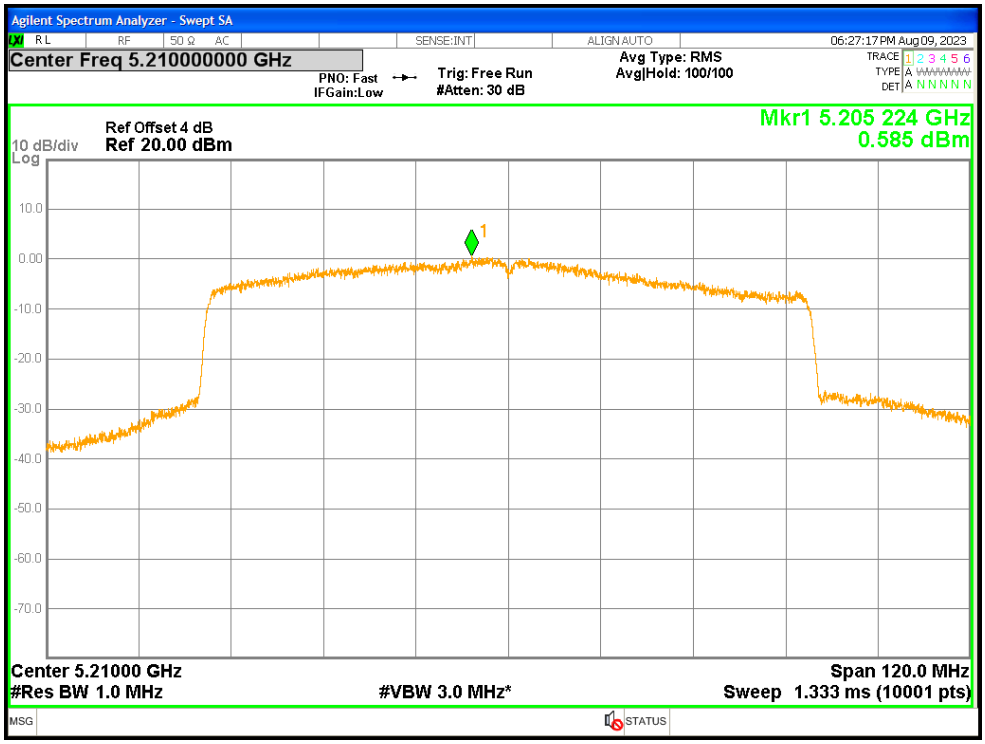
PSD NVNT ax40 5230MHz Ant2



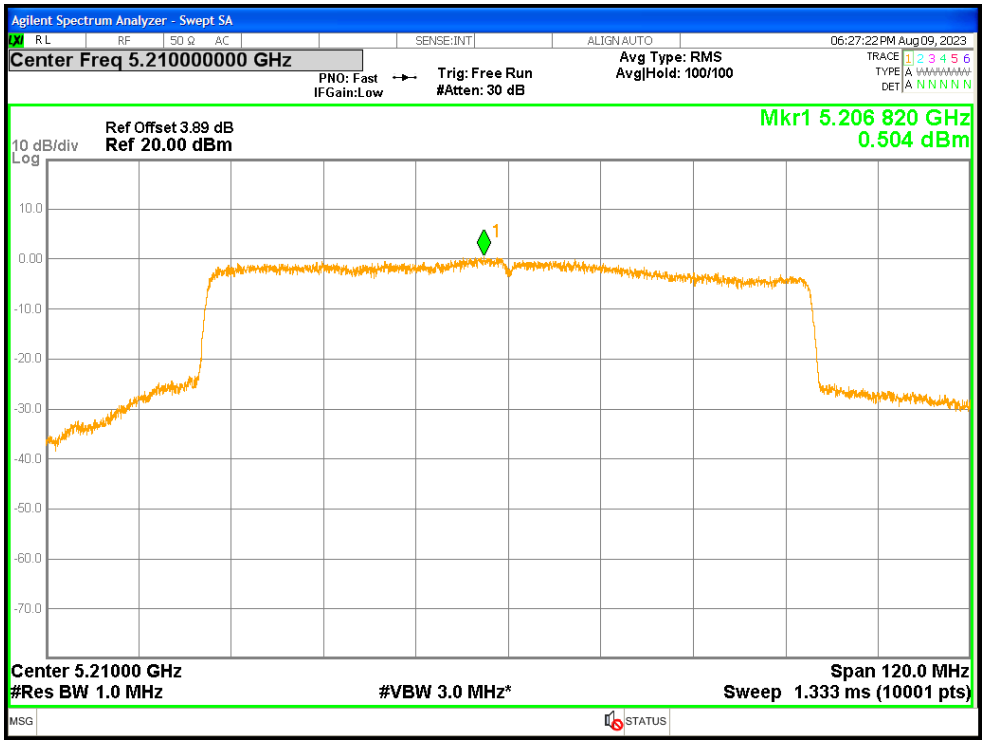
PSD NVNT ax40 5230MHz Ant3



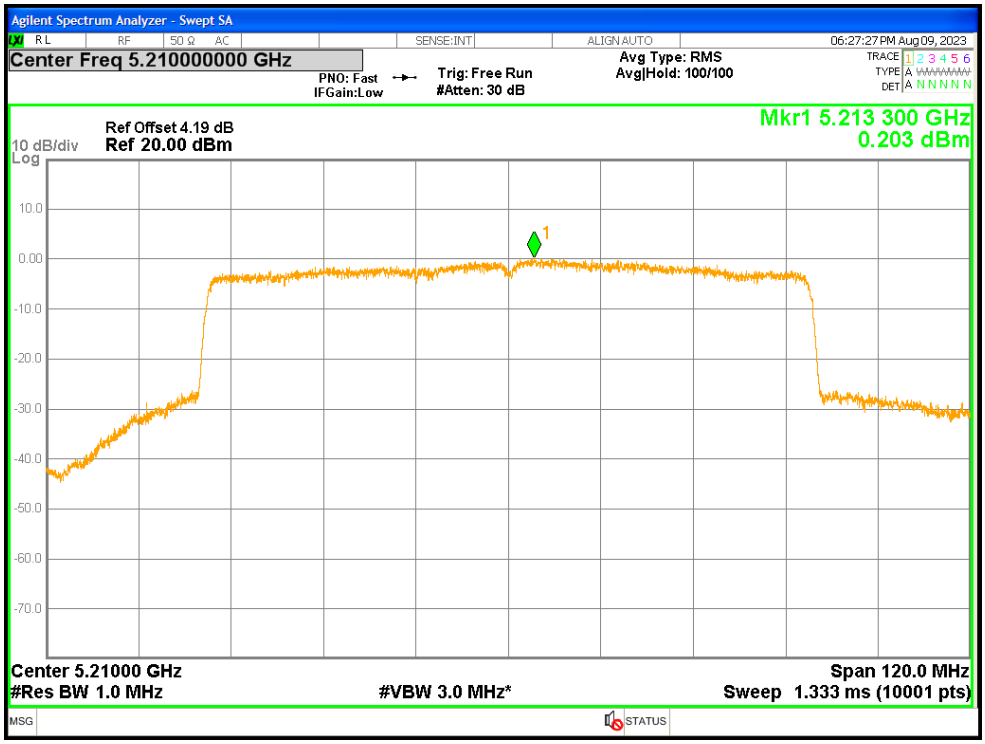
PSD NVNT ax80 5210MHz Ant1



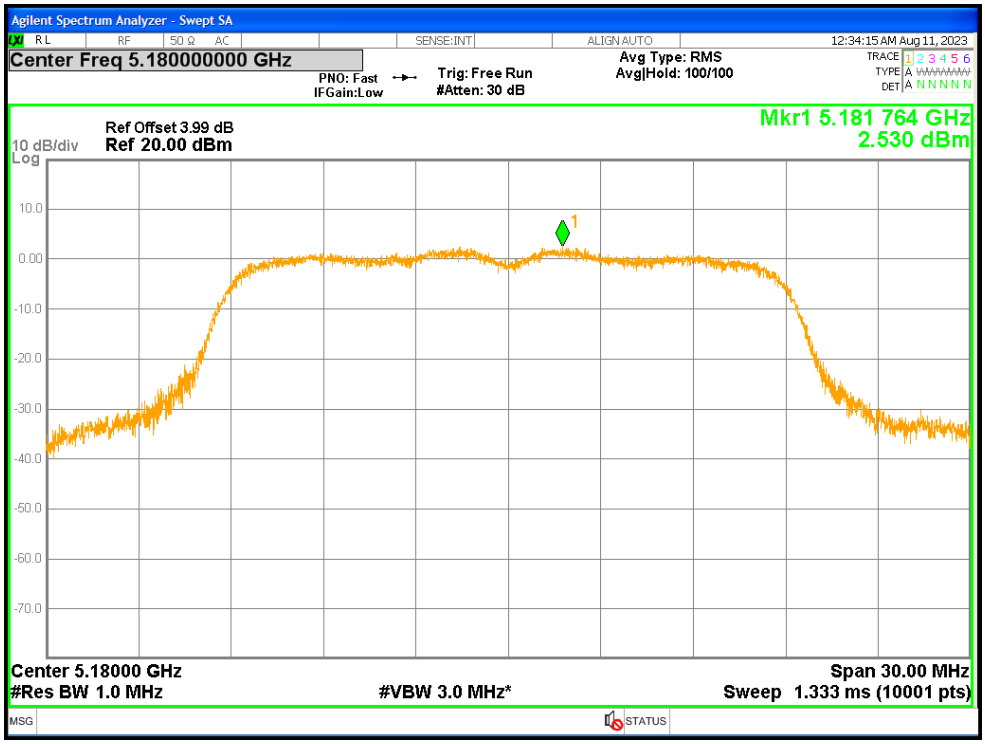
PSD NVNT ax80 5210MHz Ant2



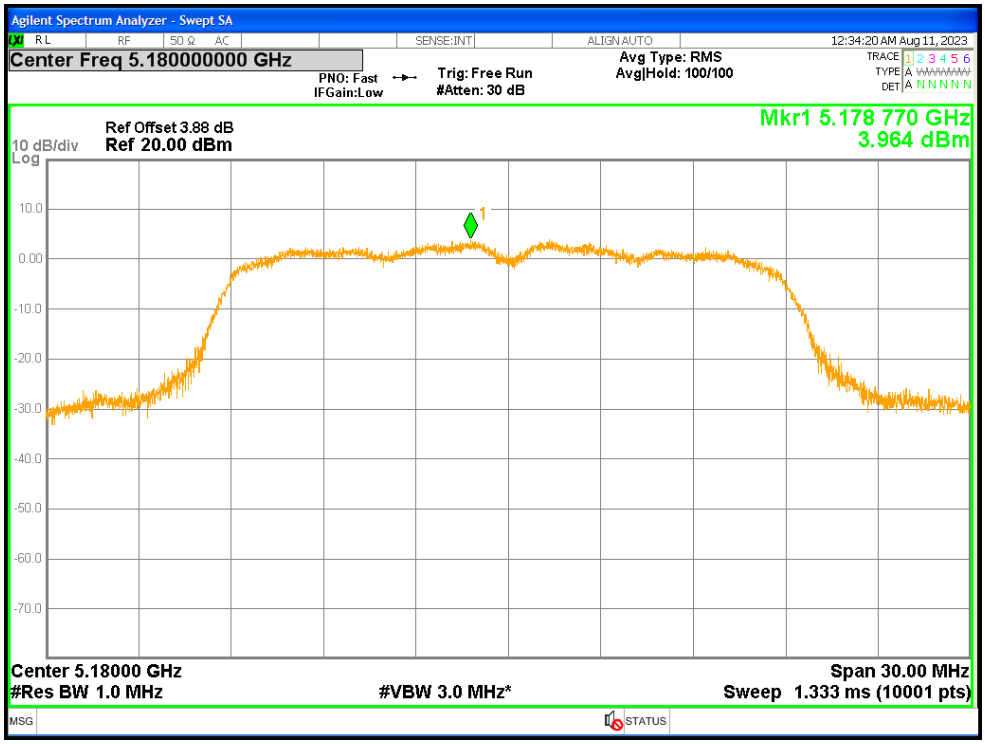
PSD NVNT ax80 5210MHz Ant3



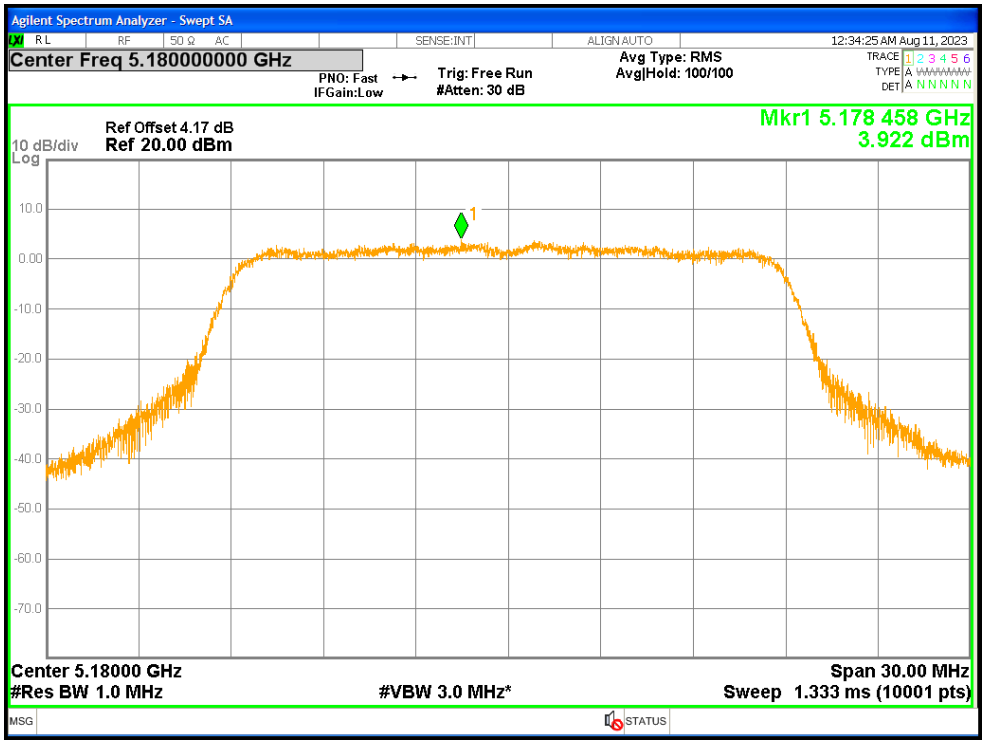
PSD NVNT n20 5180MHz Ant1



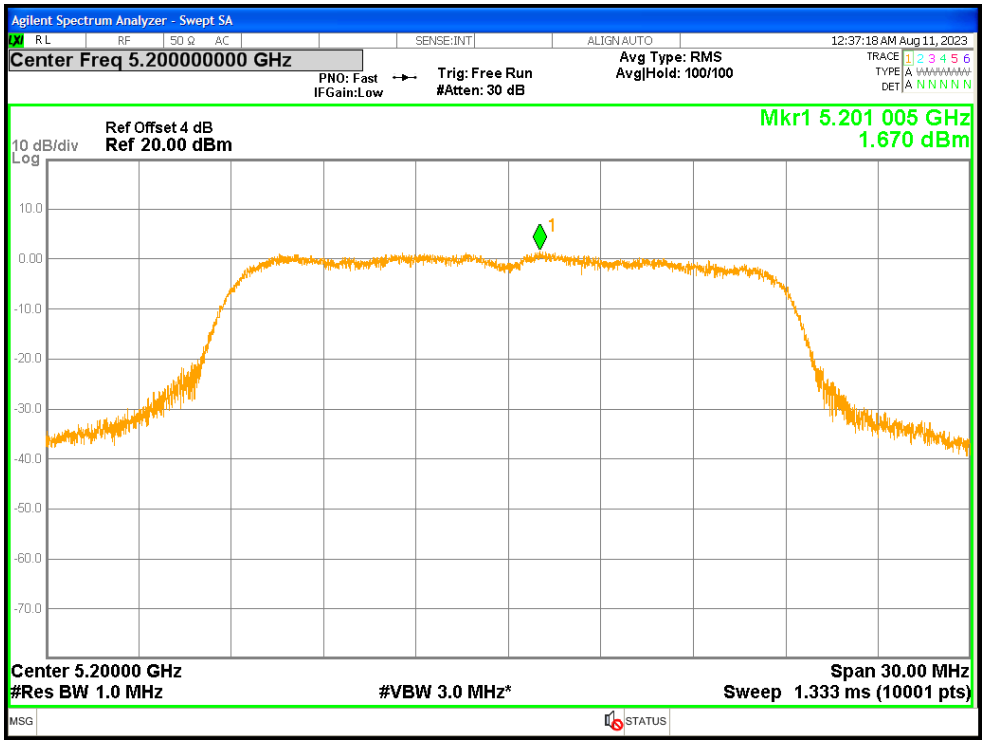
PSD NVNT n20 5180MHz Ant2



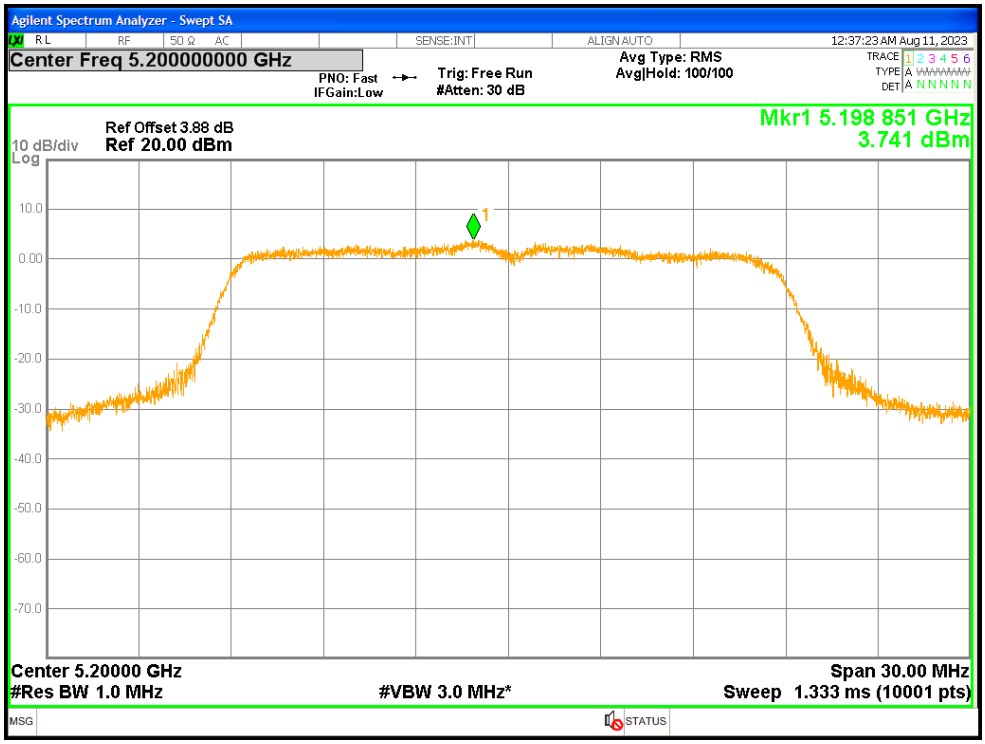
PSD NVNT n20 5180MHz Ant3



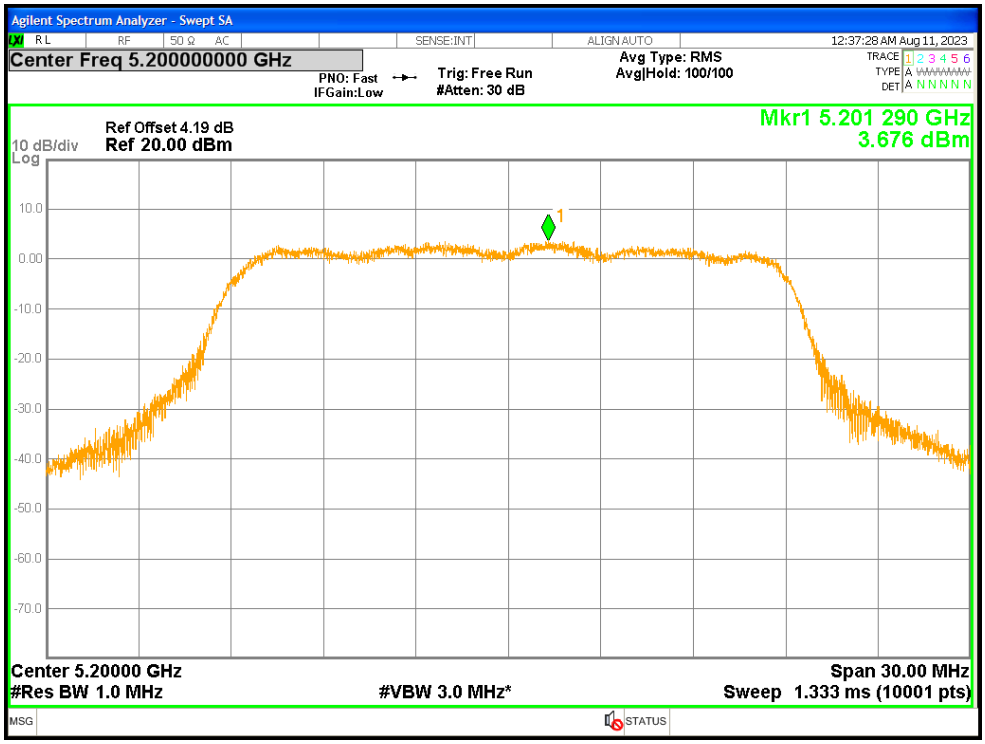
PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5200MHz Ant2



PSD NVNT n20 5200MHz Ant3



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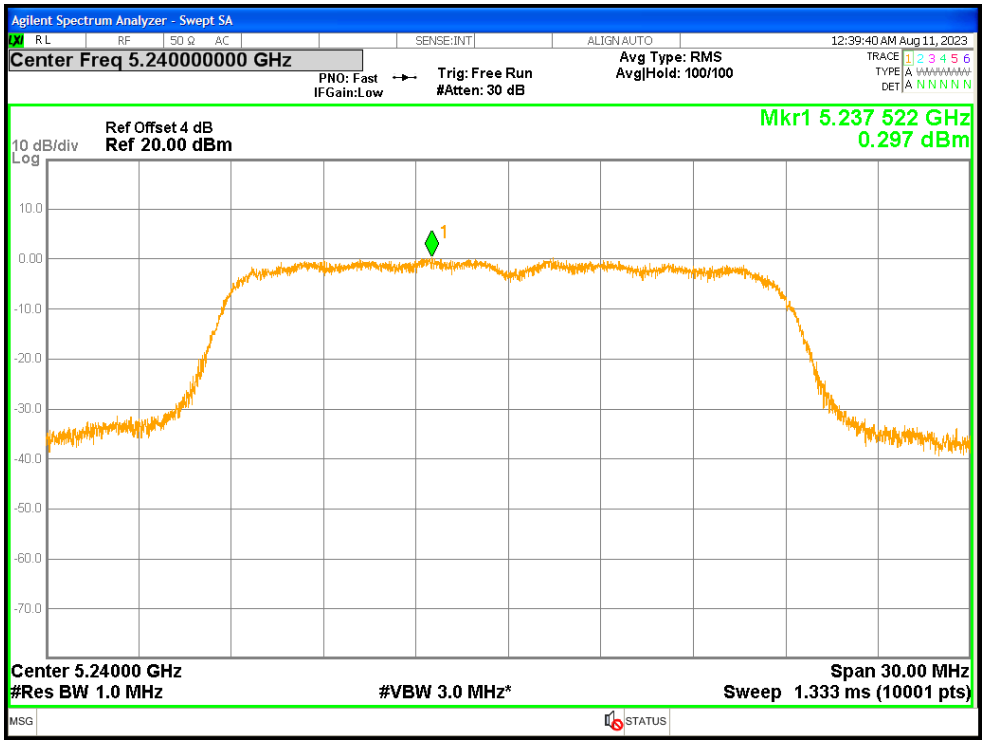

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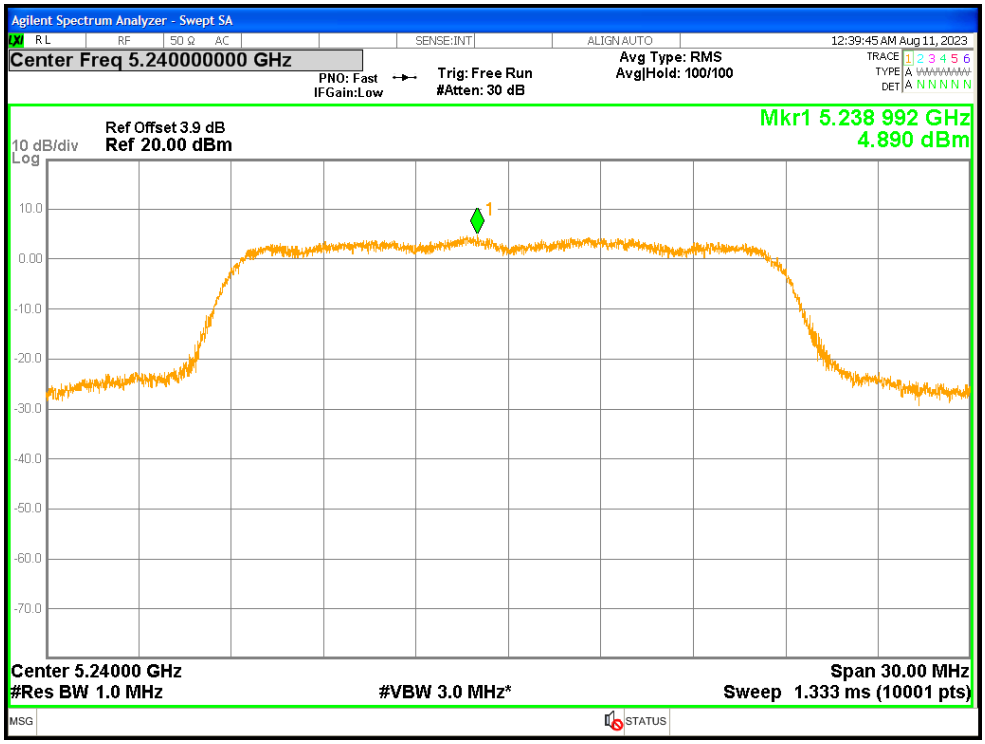
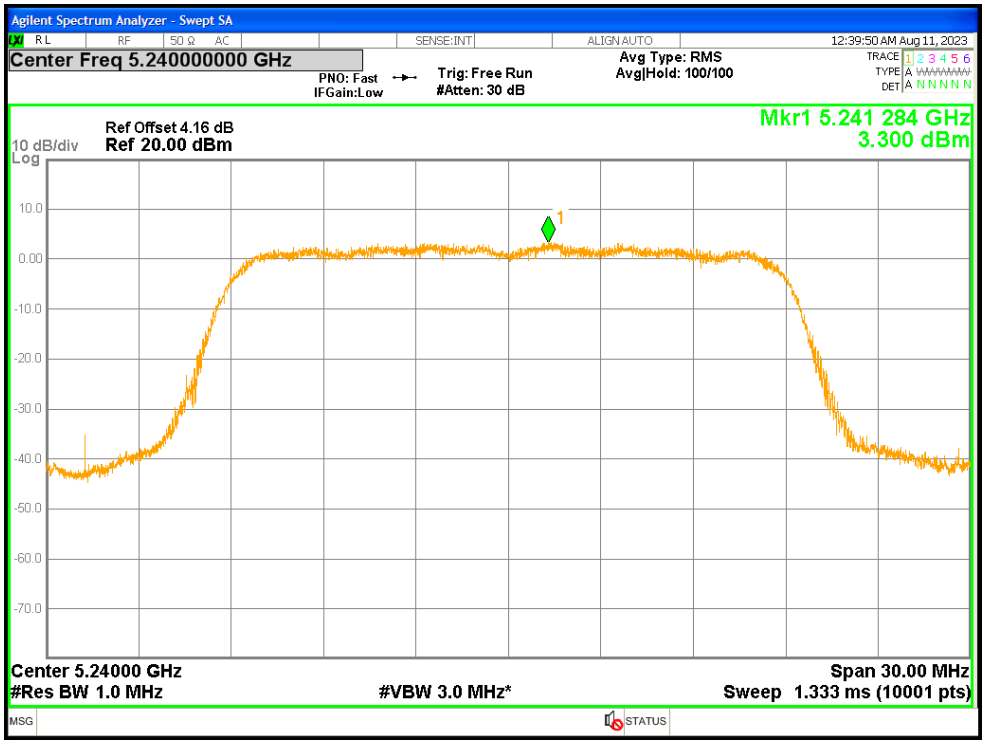


PSD NVNT n20 5240MHz Ant3



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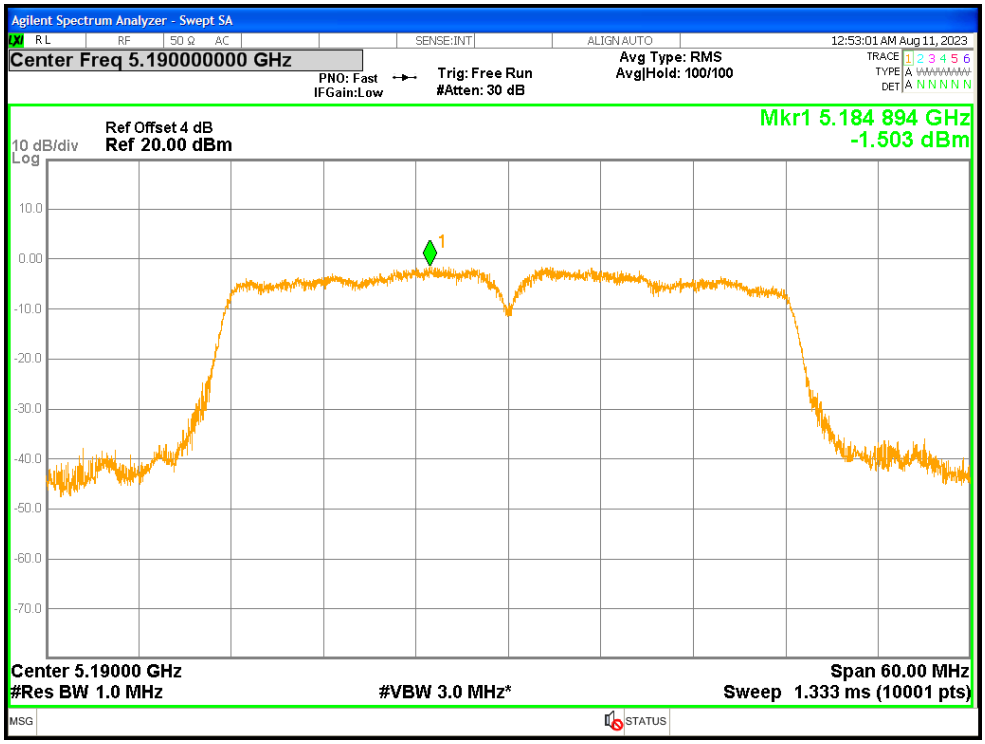

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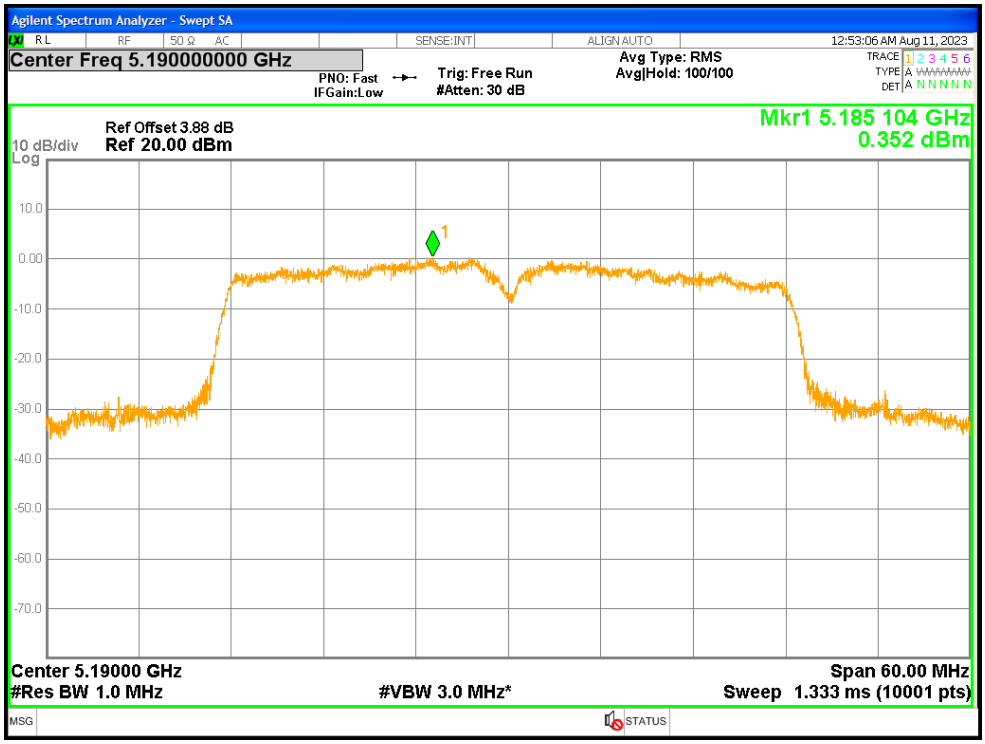

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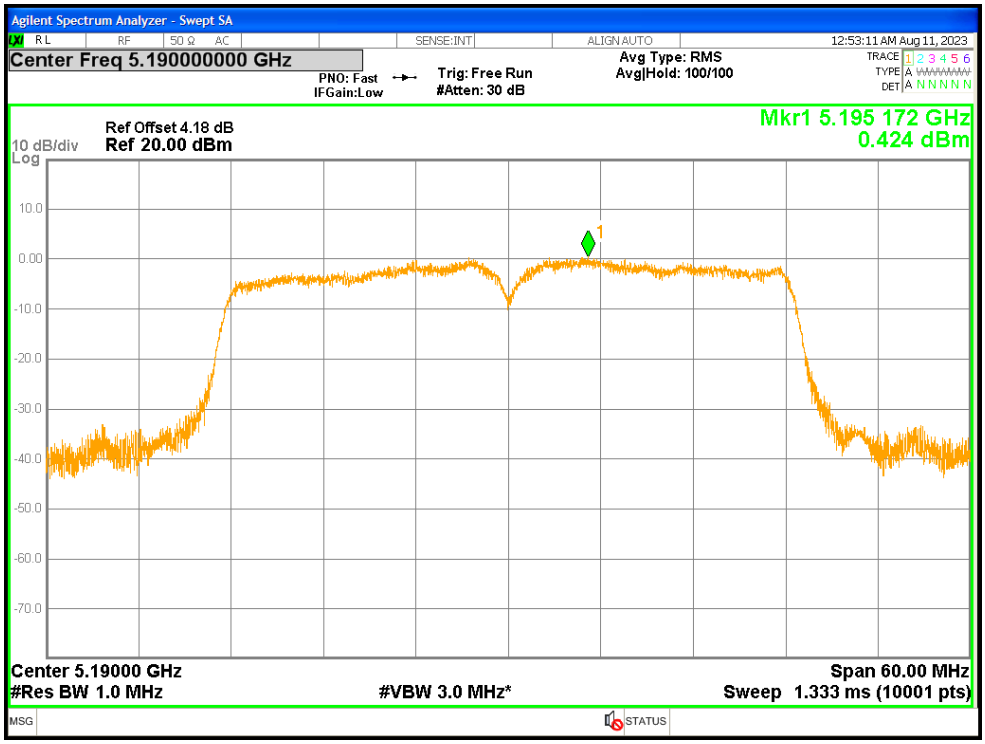
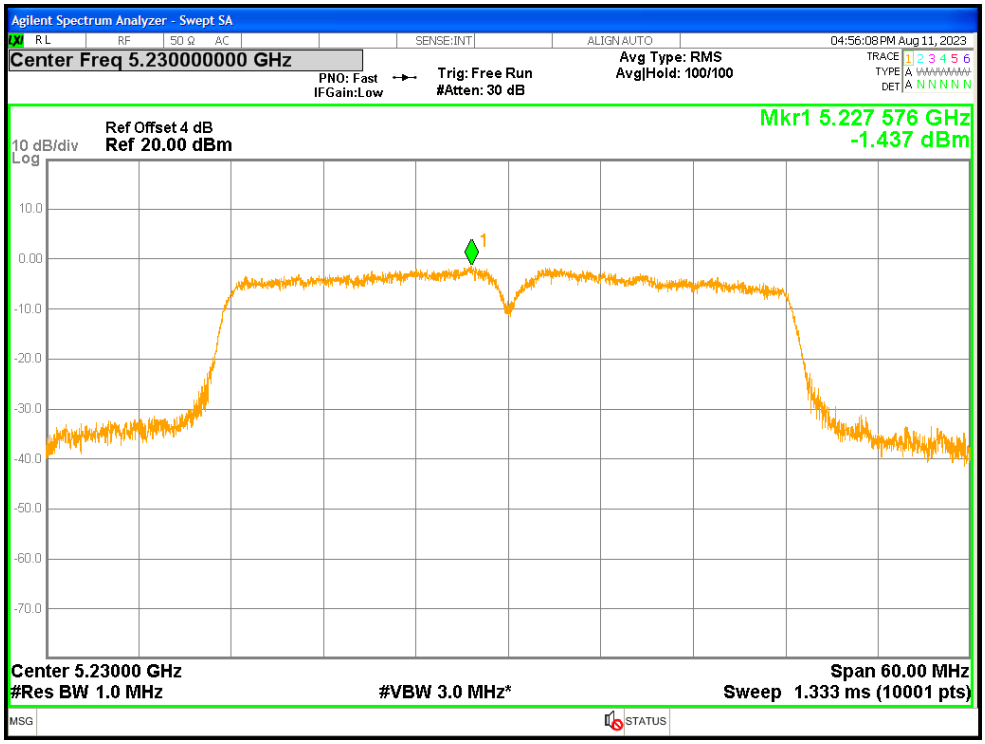


PSD NVNT n40 5230MHz Ant1



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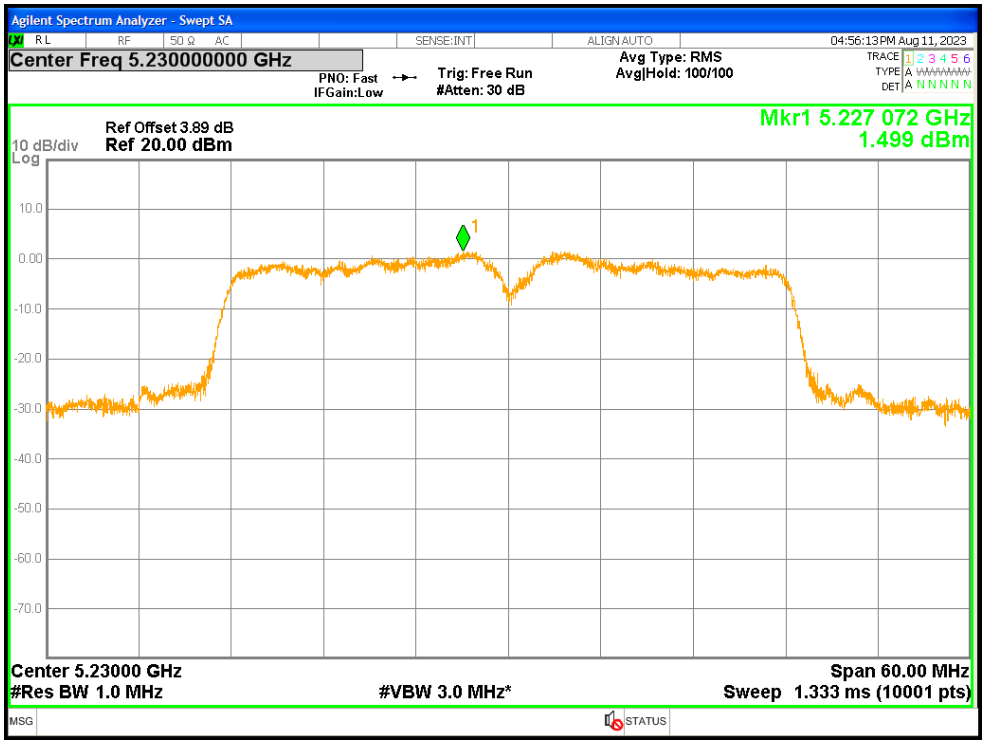
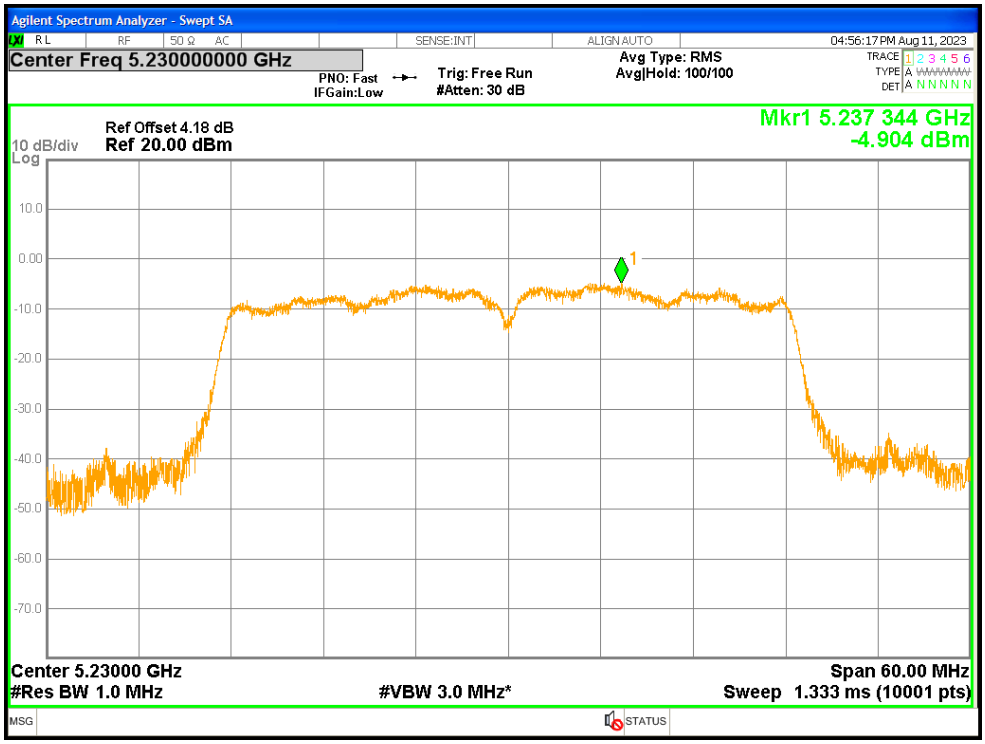
PSD NVNT n40 5230MHz Ant3