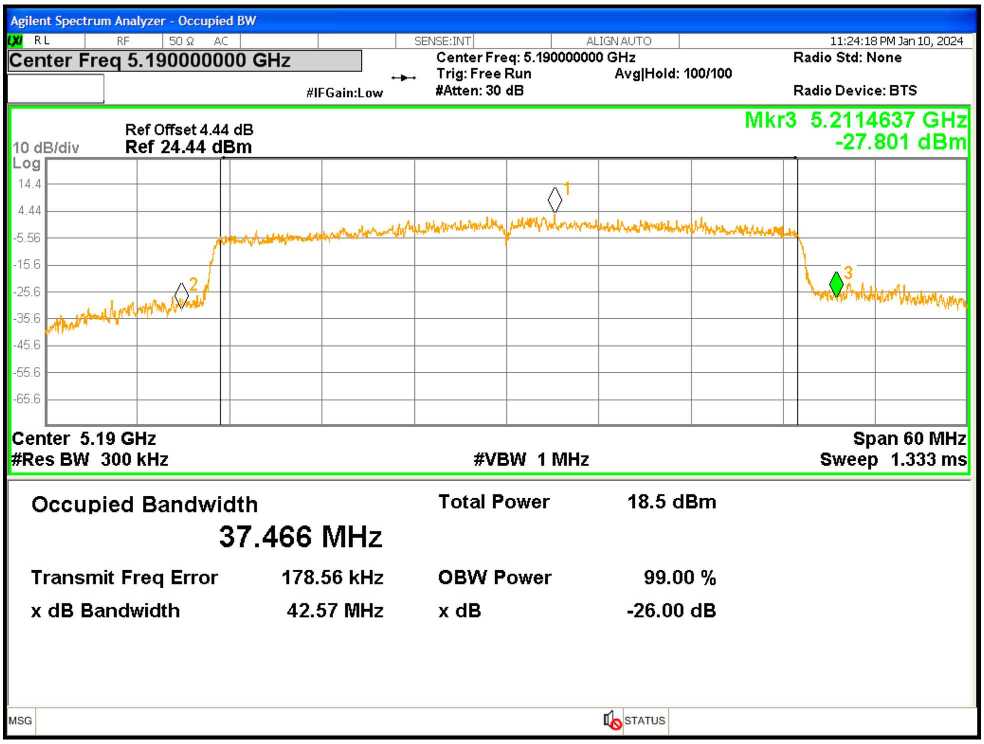
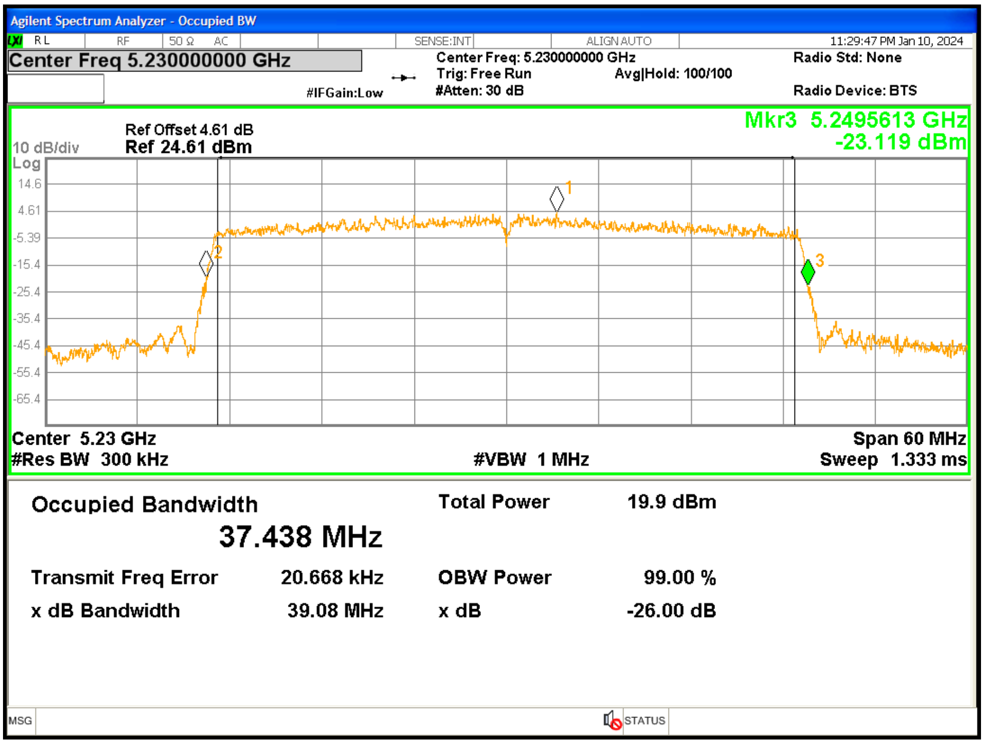
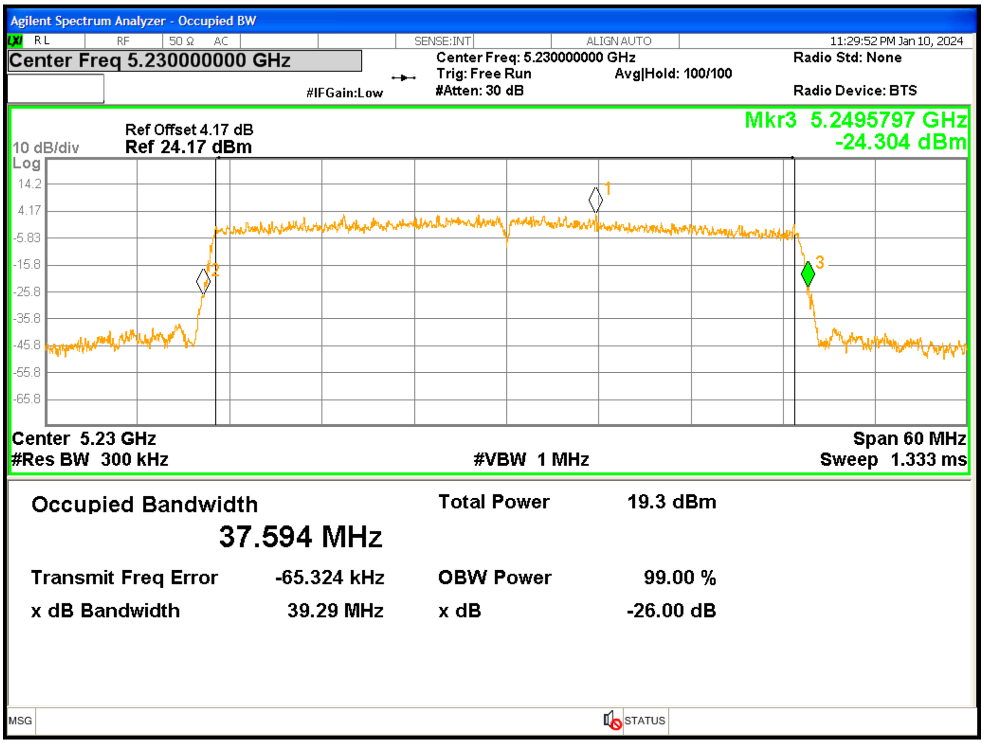
-26dB Bandwidth NVNT ax40 5190MHz Ant3



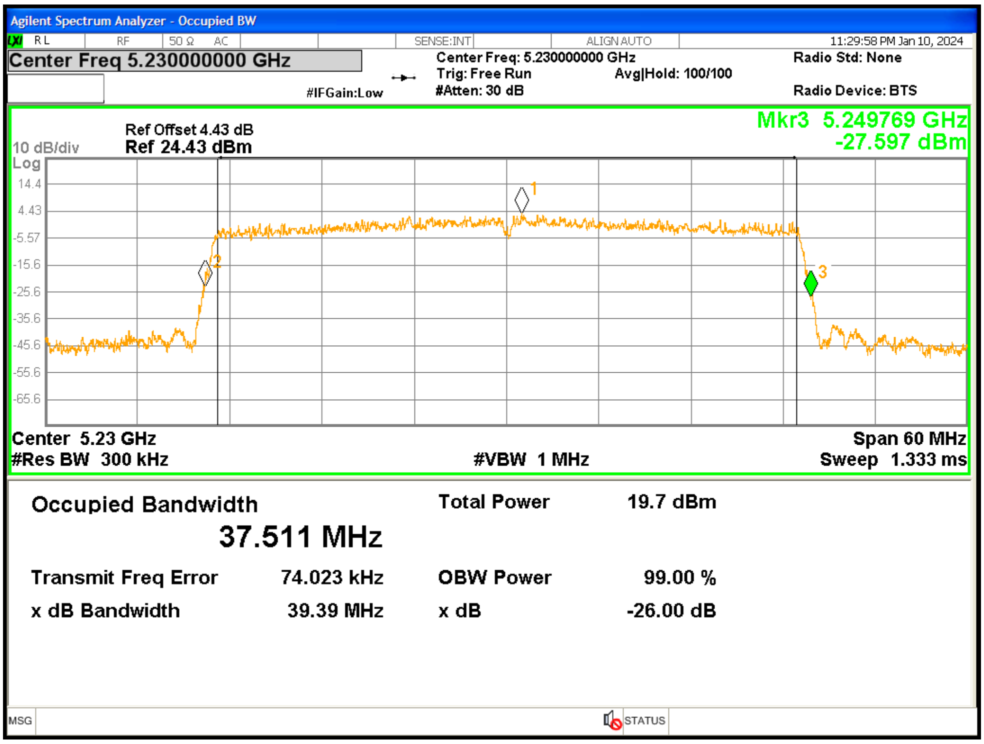
-26dB Bandwidth NVNT ax40 5230MHz Ant1



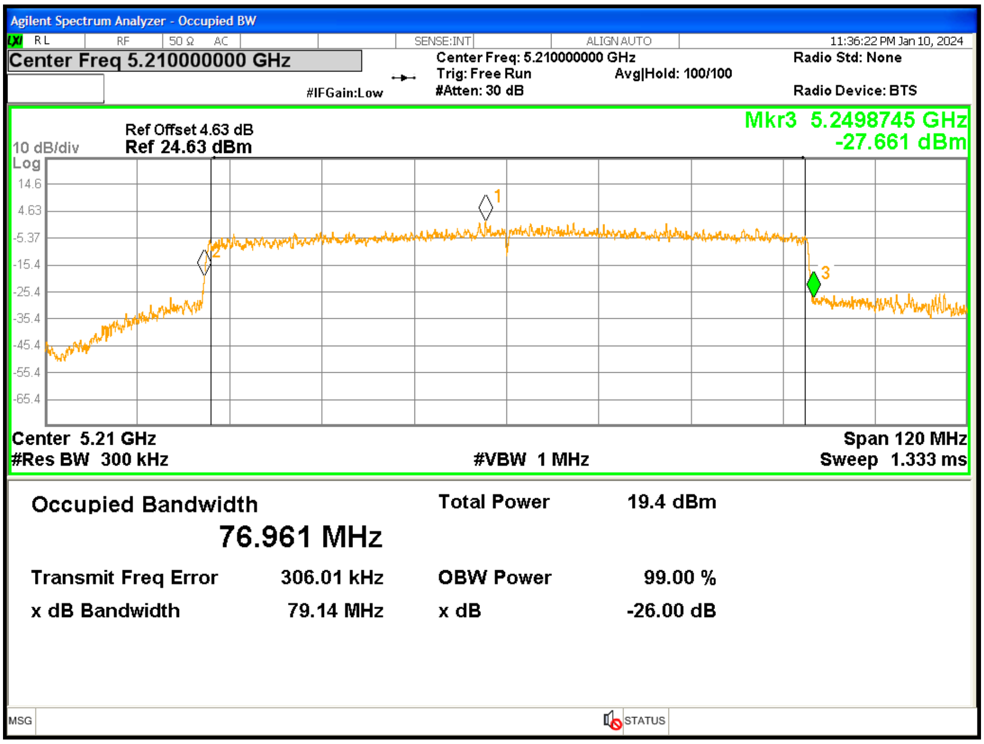
-26dB Bandwidth NVNT ax40 5230MHz Ant2



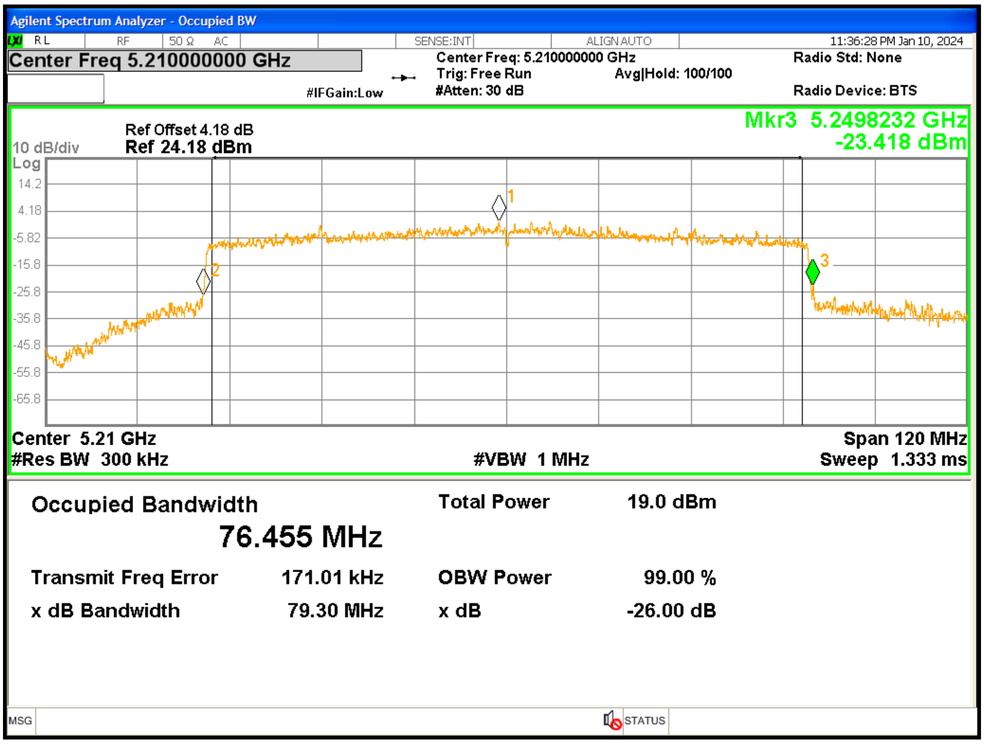
-26dB Bandwidth NVNT ax40 5230MHz Ant3



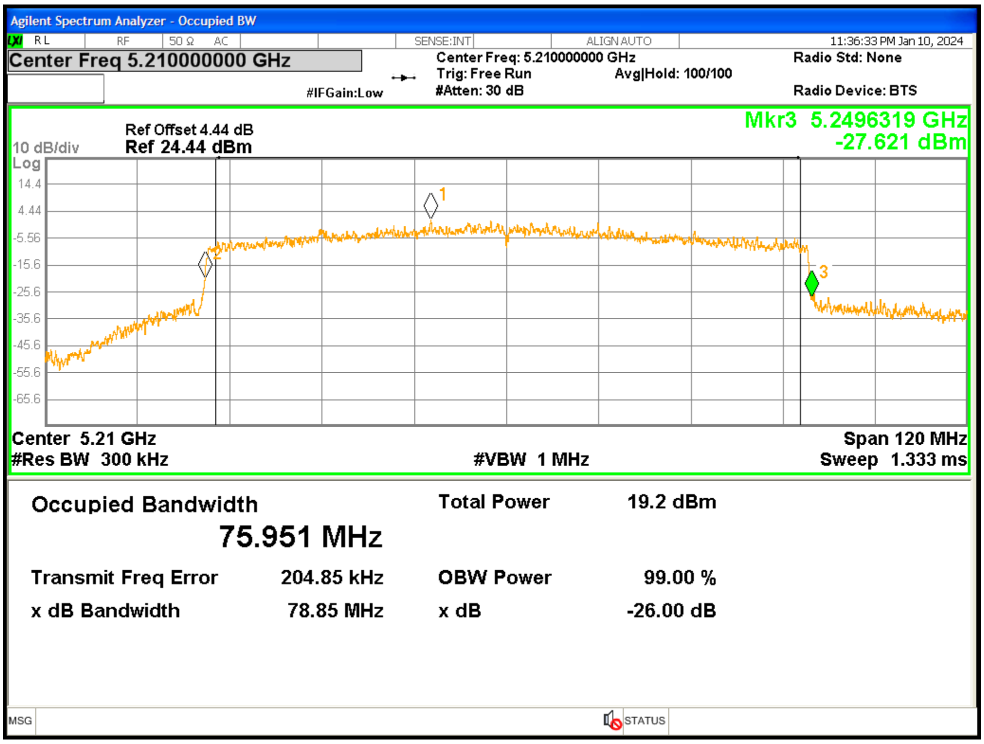
-26dB Bandwidth NVNT ax80 5210MHz Ant1



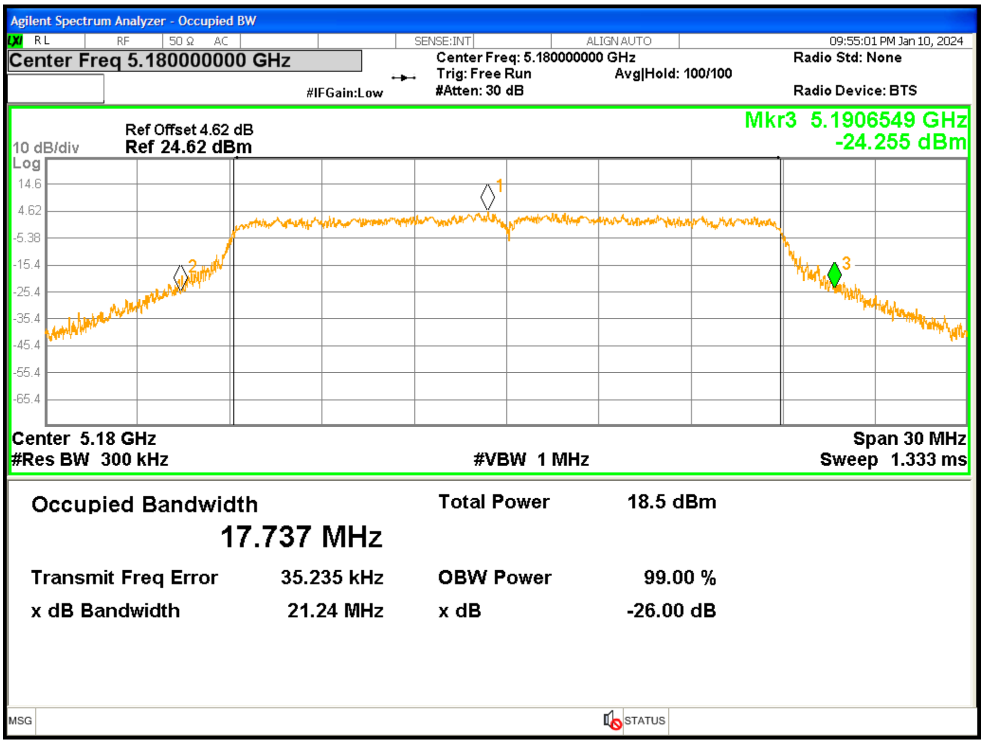
-26dB Bandwidth NVNT ax80 5210MHz Ant2



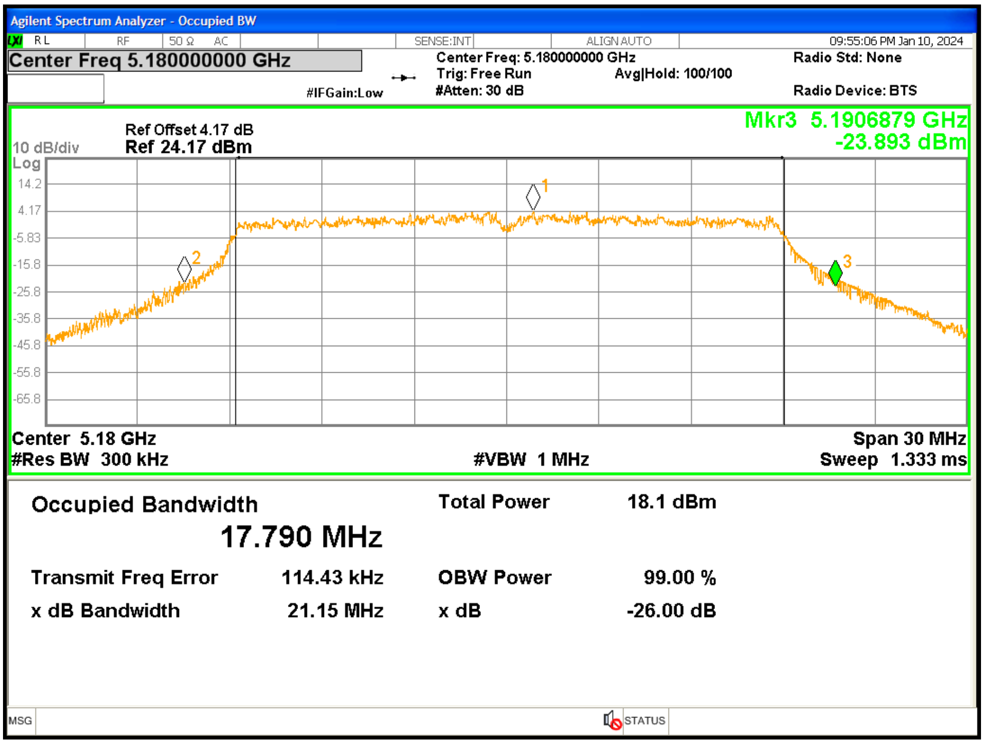
-26dB Bandwidth NVNT ax80 5210MHz Ant3



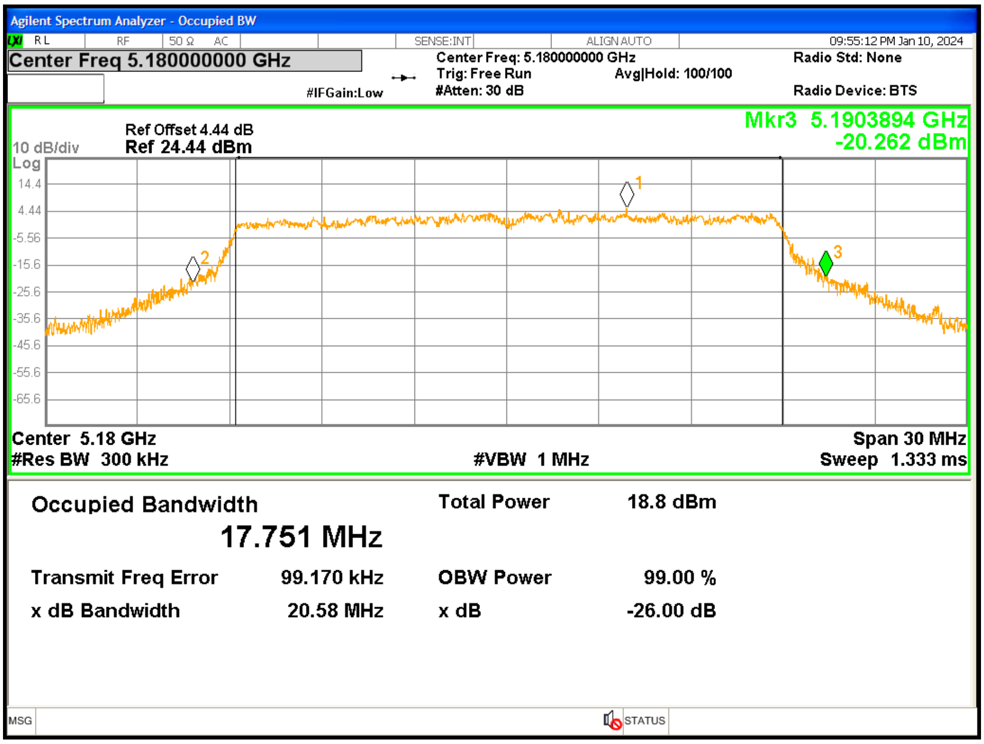
-26dB Bandwidth NVNT n20 5180MHz Ant1



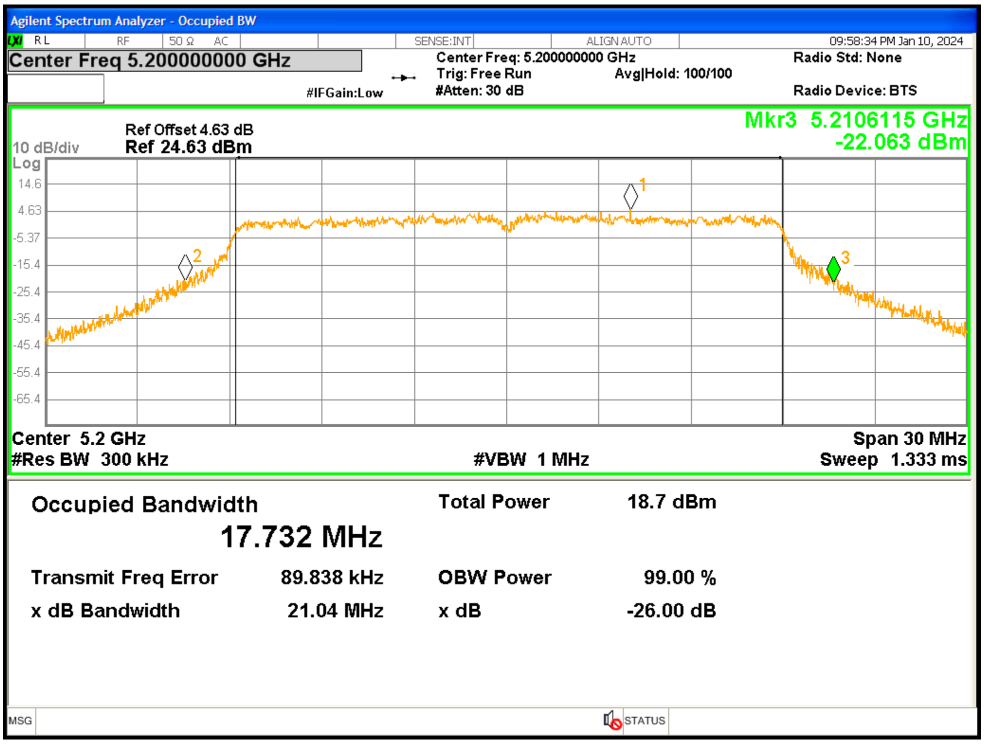
-26dB Bandwidth NVNT n20 5180MHz Ant2



-26dB Bandwidth NVNT n20 5180MHz Ant3



-26dB Bandwidth NVNT n20 5200MHz Ant1



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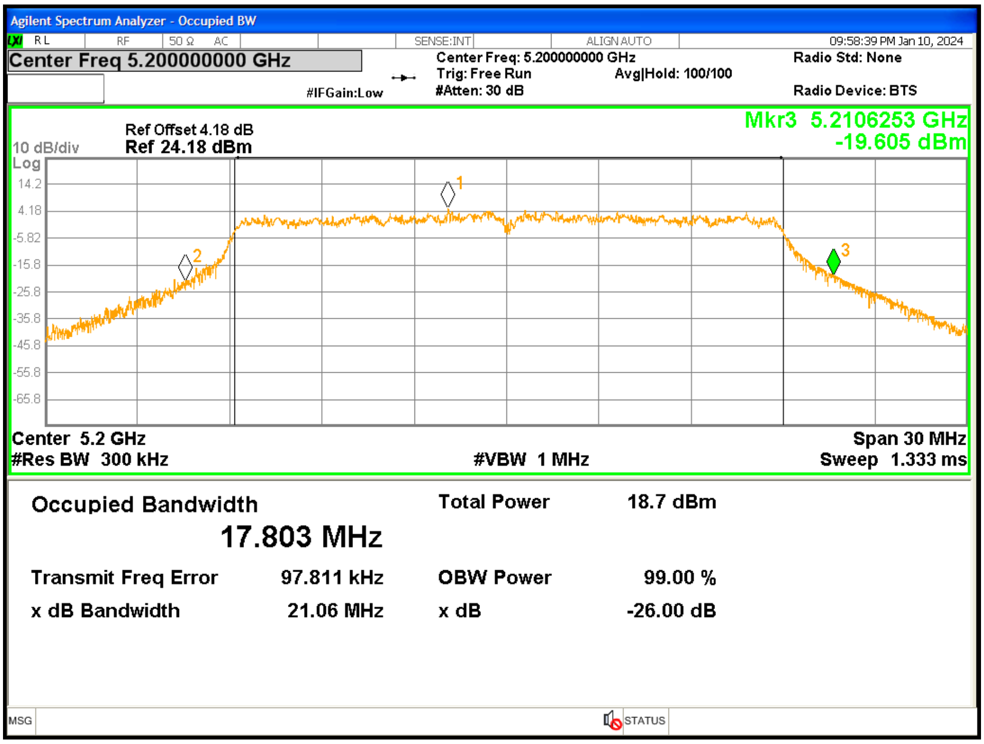

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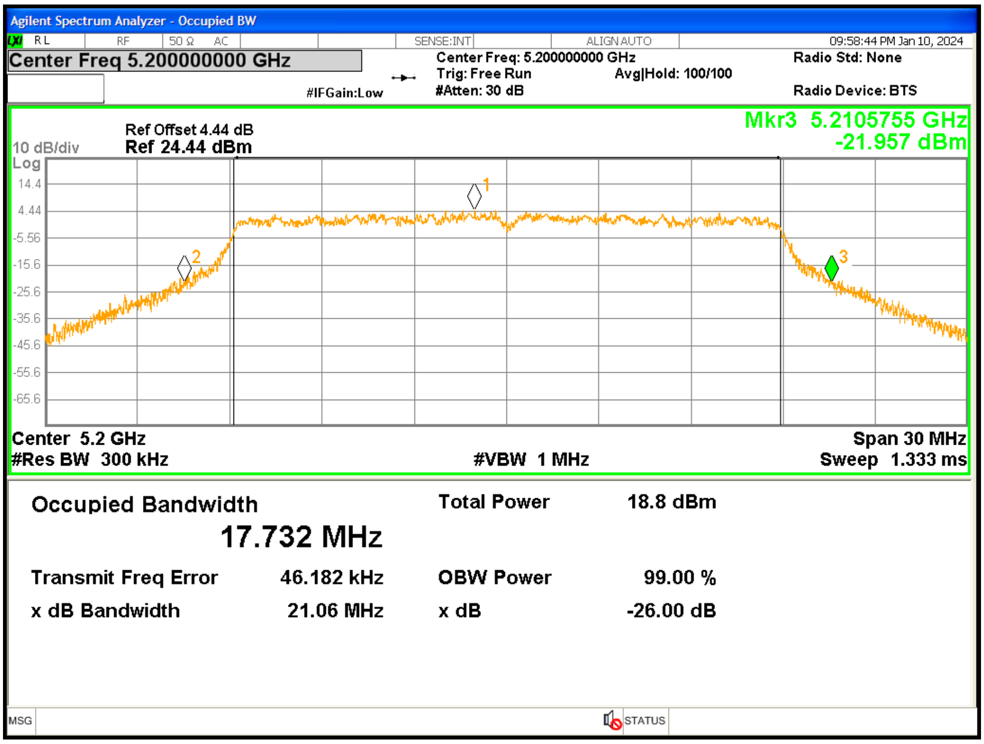
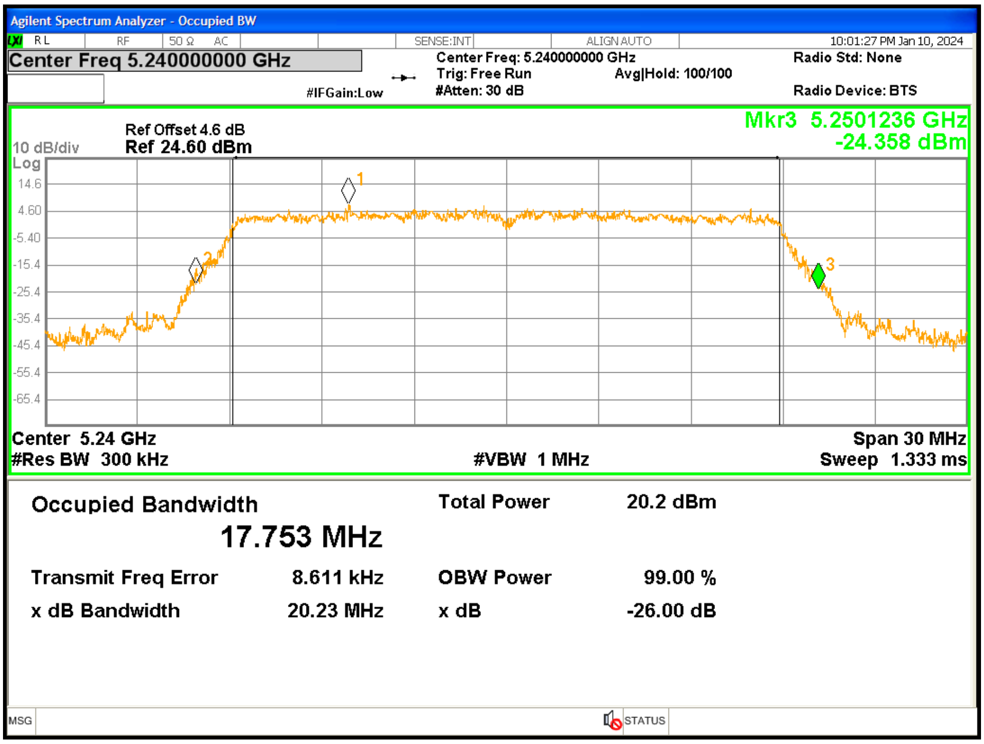
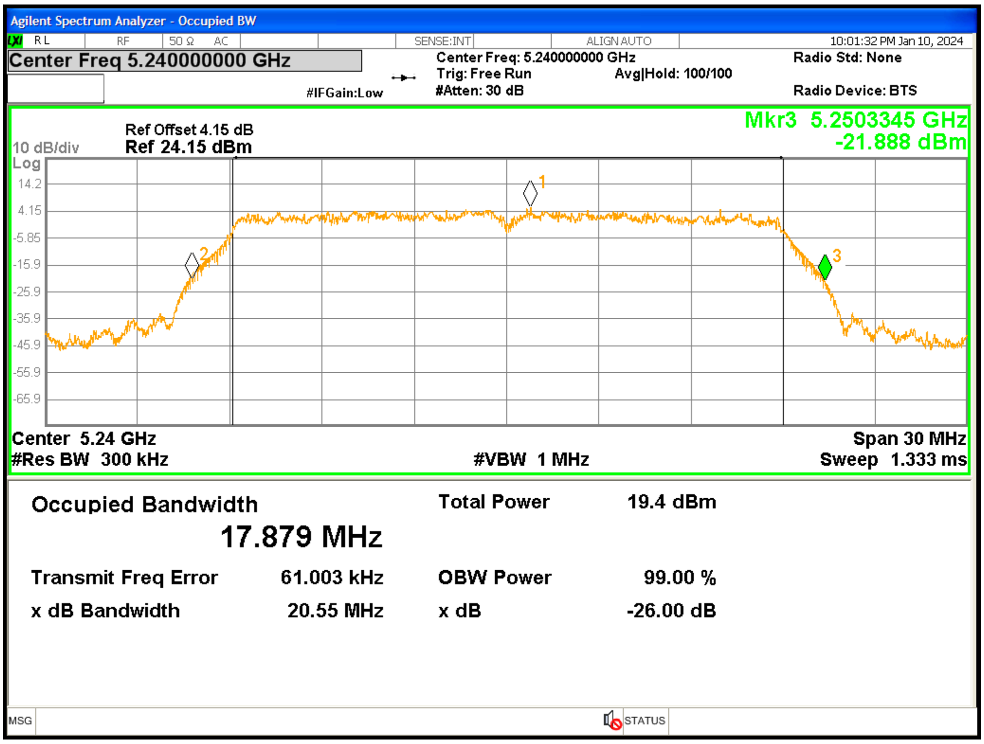


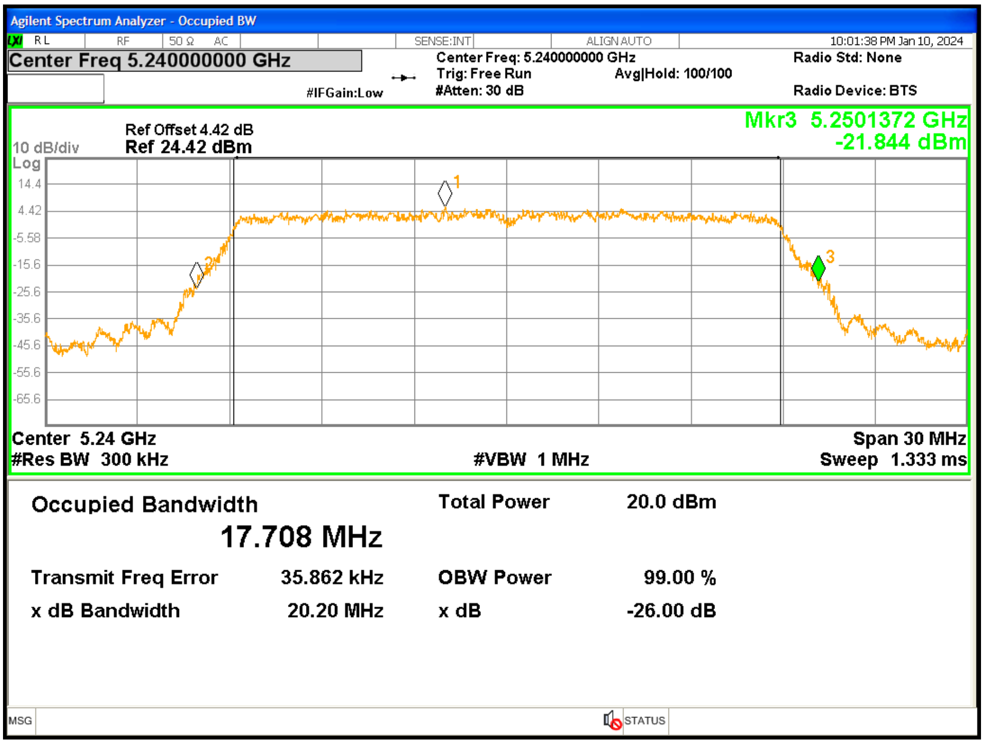
-26dB Bandwidth NVNT n20 5240MHz Ant1



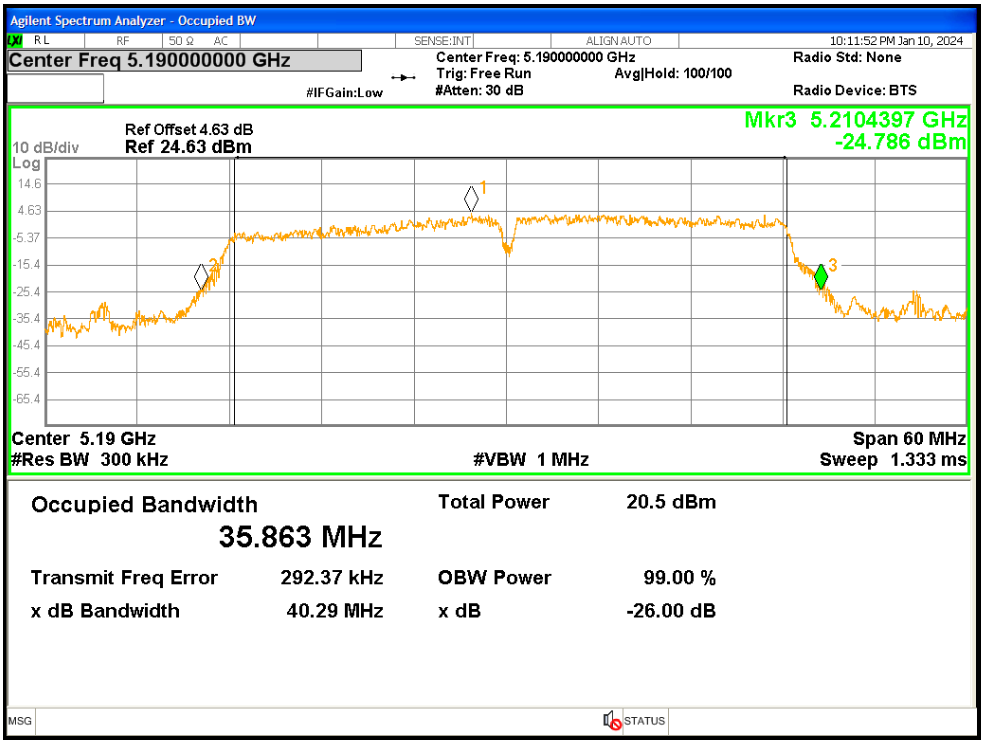
-26dB Bandwidth NVNT n20 5240MHz Ant2



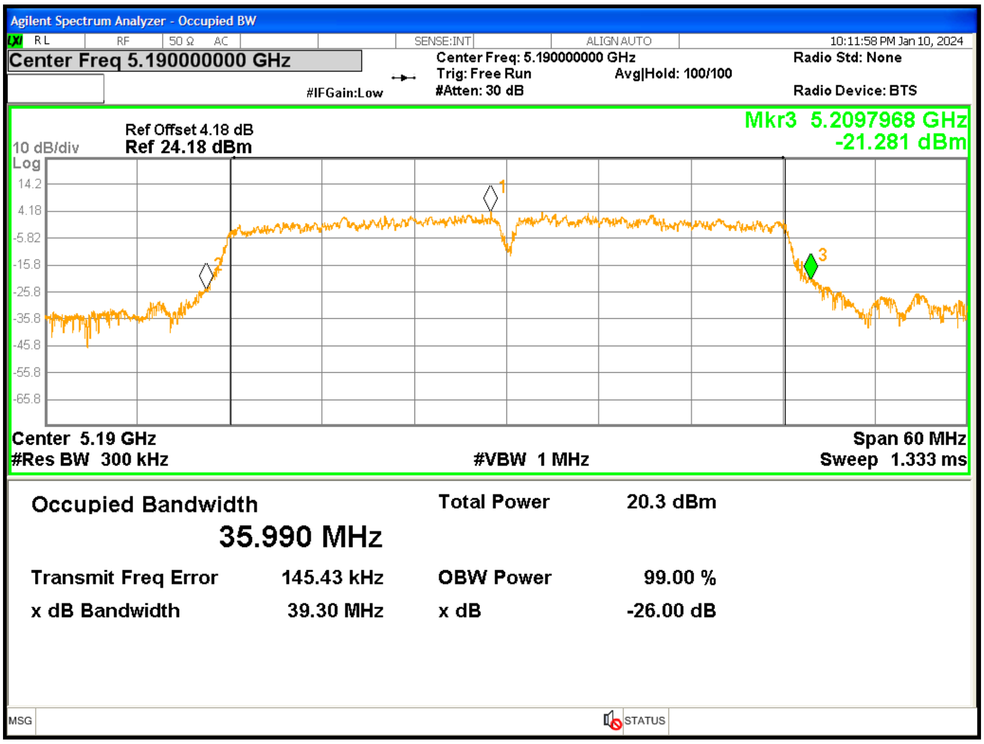
-26dB Bandwidth NVNT n20 5240MHz Ant3



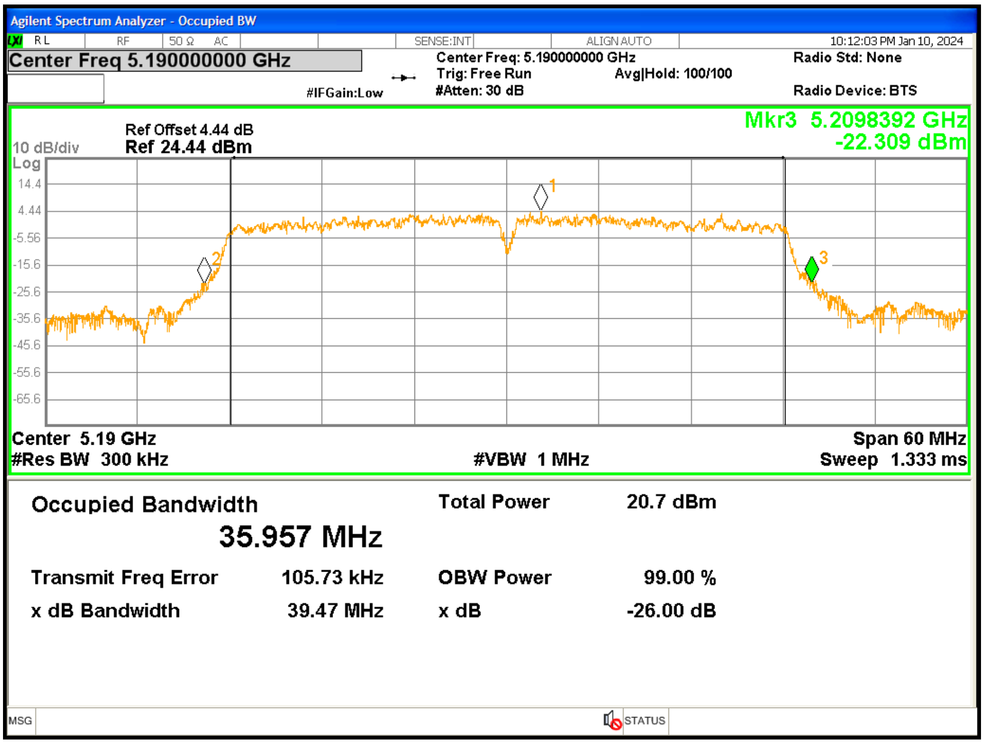
-26dB Bandwidth NVNT n40 5190MHz Ant1



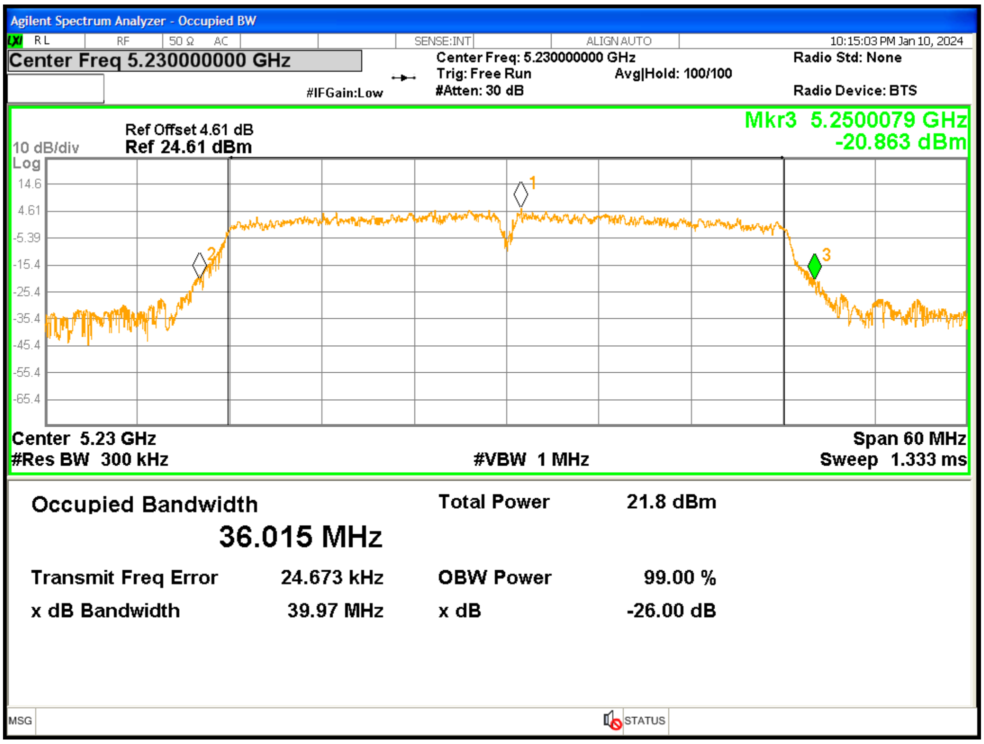
-26dB Bandwidth NVNT n40 5190MHz Ant2



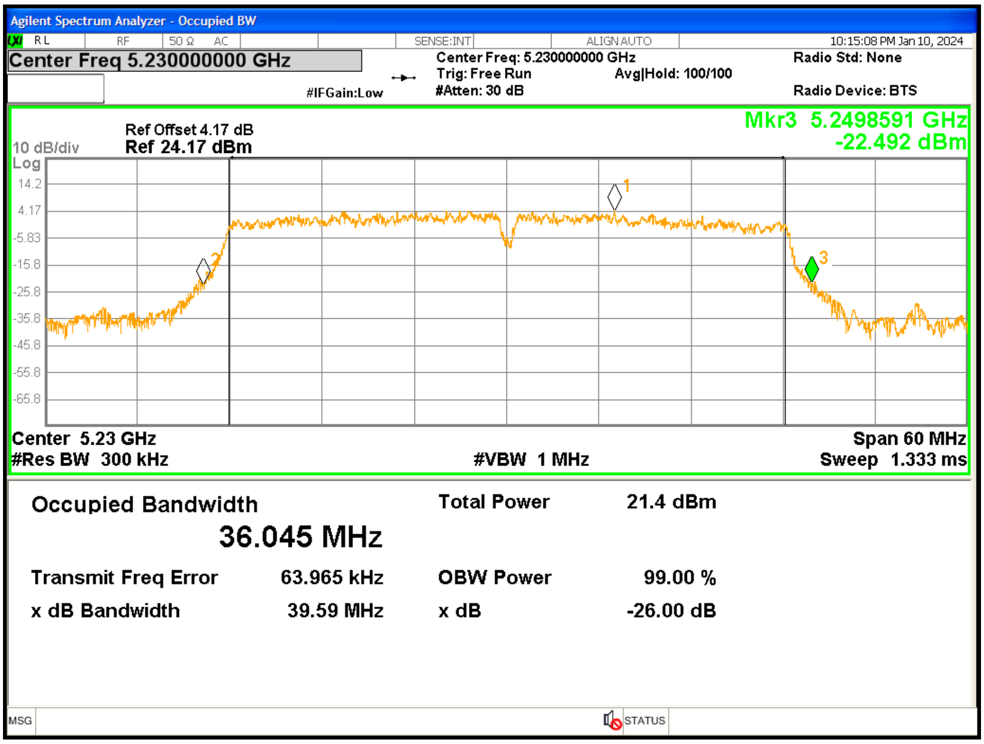
-26dB Bandwidth NVNT n40 5190MHz Ant3



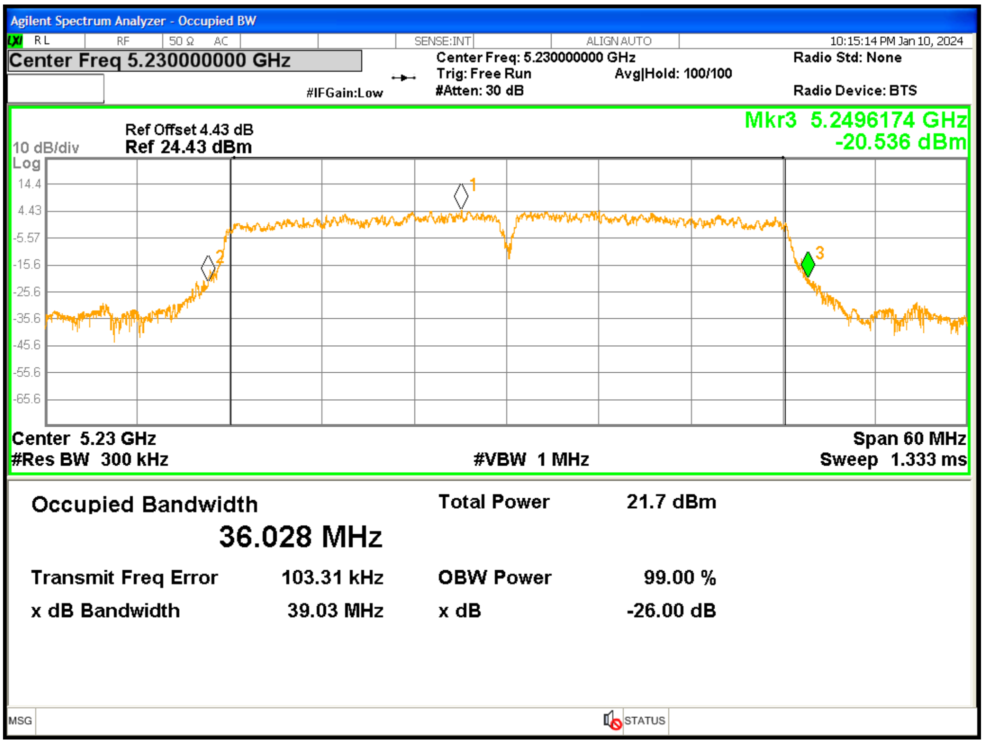
-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant3



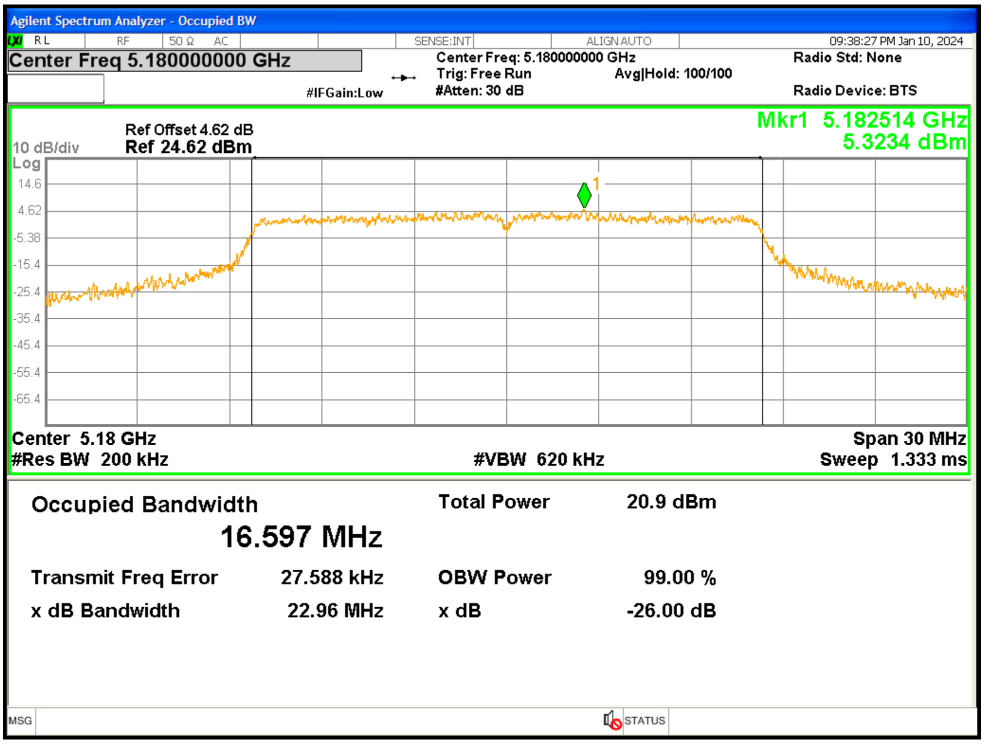
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.597
NVNT	a	5200	Ant1	16.6088
NVNT	a	5240	Ant1	16.5424
NVNT	a	5180	Ant2	16.5508
NVNT	a	5200	Ant2	16.6126
NVNT	a	5240	Ant2	16.56
NVNT	a	5180	Ant3	16.5936
NVNT	a	5200	Ant3	16.6352
NVNT	a	5240	Ant3	16.5716
NVNT	ac160	5250	Ant1	152.8398
NVNT	ac160	5250	Ant2	154.0973
NVNT	ac160	5250	Ant3	153.2197
NVNT	ac20	5180	Ant1	17.7897
NVNT	ac20	5180	Ant2	17.7497
NVNT	ac20	5180	Ant3	17.7331
NVNT	ac20	5200	Ant1	17.7717
NVNT	ac20	5200	Ant2	17.7901
NVNT	ac20	5200	Ant3	17.7546
NVNT	ac20	5240	Ant1	17.6695
NVNT	ac20	5240	Ant2	17.6946
NVNT	ac20	5240	Ant3	17.6471
NVNT	ac40	5190	Ant1	36.0094
NVNT	ac40	5190	Ant2	36.1076
NVNT	ac40	5190	Ant3	36.151
NVNT	ac40	5230	Ant1	35.993
NVNT	ac40	5230	Ant2	36.0332
NVNT	ac40	5230	Ant3	36.0887
NVNT	ac80	5210	Ant1	75.3969
NVNT	ac80	5210	Ant2	75.0731
NVNT	ac80	5210	Ant3	74.715
NVNT	ax160	5250	Ant1	154.7564
NVNT	ax160	5250	Ant2	155.3983
NVNT	ax160	5250	Ant3	154.5295
NVNT	ax20	5180	Ant1	18.9592
NVNT	ax20	5180	Ant2	18.9411
NVNT	ax20	5180	Ant3	19.0033
NVNT	ax20	5200	Ant1	18.9604
NVNT	ax20	5200	Ant2	18.9818
NVNT	ax20	5200	Ant3	18.9747
NVNT	ax20	5240	Ant1	18.8615
NVNT	ax20	5240	Ant2	18.8728

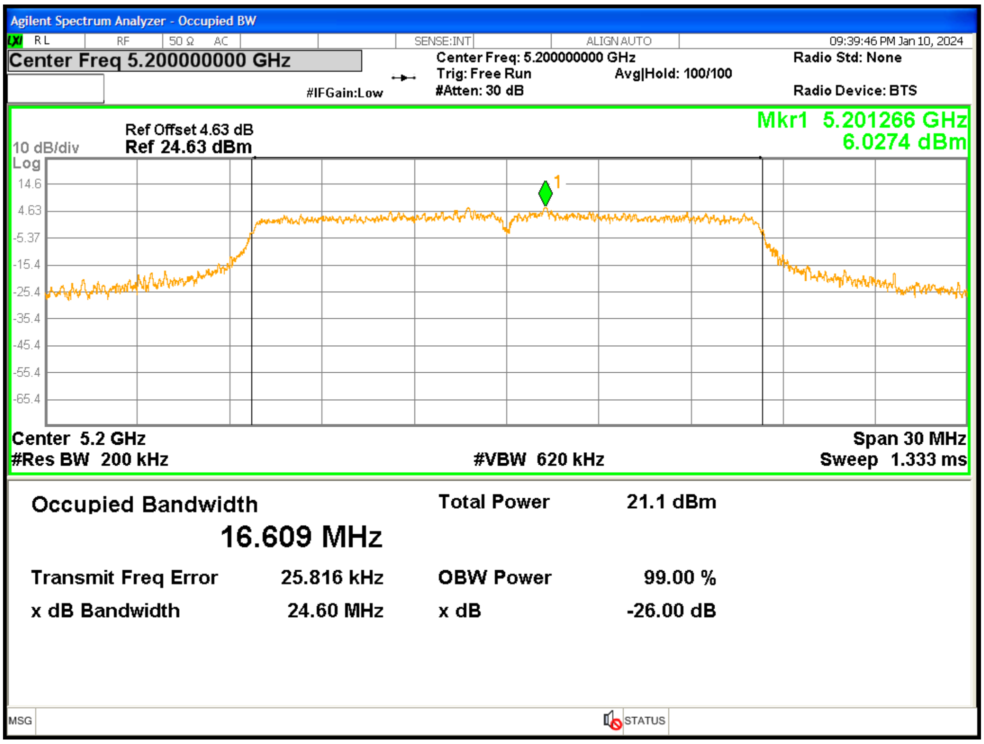
NVNT	ax20	5240	Ant3	18.8696
NVNT	ax40	5190	Ant1	37.6419
NVNT	ax40	5190	Ant2	37.5778
NVNT	ax40	5190	Ant3	37.5541
NVNT	ax40	5230	Ant1	37.4384
NVNT	ax40	5230	Ant2	37.5233
NVNT	ax40	5230	Ant3	37.4863
NVNT	ax80	5210	Ant1	77.0308
NVNT	ax80	5210	Ant2	76.6518
NVNT	ax80	5210	Ant3	76.2369
NVNT	n20	5180	Ant1	17.6618
NVNT	n20	5180	Ant2	17.6695
NVNT	n20	5180	Ant3	17.6481
NVNT	n20	5200	Ant1	17.6113
NVNT	n20	5200	Ant2	17.6913
NVNT	n20	5200	Ant3	17.6599
NVNT	n20	5240	Ant1	17.6574
NVNT	n20	5240	Ant2	17.7244
NVNT	n20	5240	Ant3	17.6447
NVNT	n40	5190	Ant1	35.9528
NVNT	n40	5190	Ant2	36.0775
NVNT	n40	5190	Ant3	36.0274
NVNT	n40	5230	Ant1	36.0795
NVNT	n40	5230	Ant2	36.0944
NVNT	n40	5230	Ant3	35.9703

Test Graphs

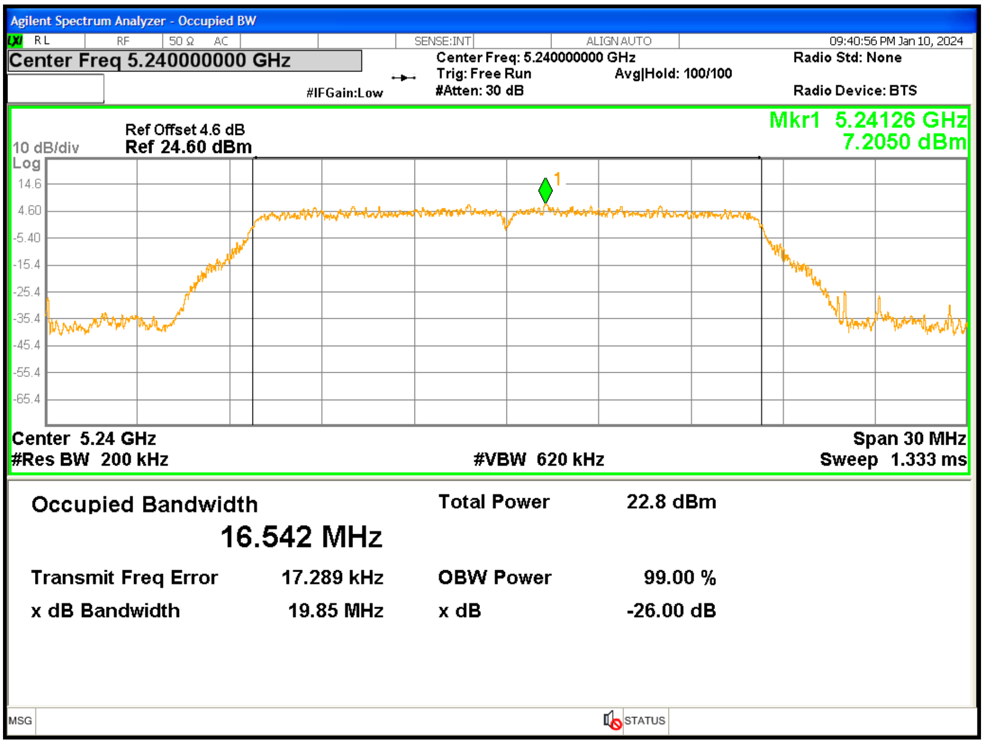
OBW NVNT a 5180MHz Ant1



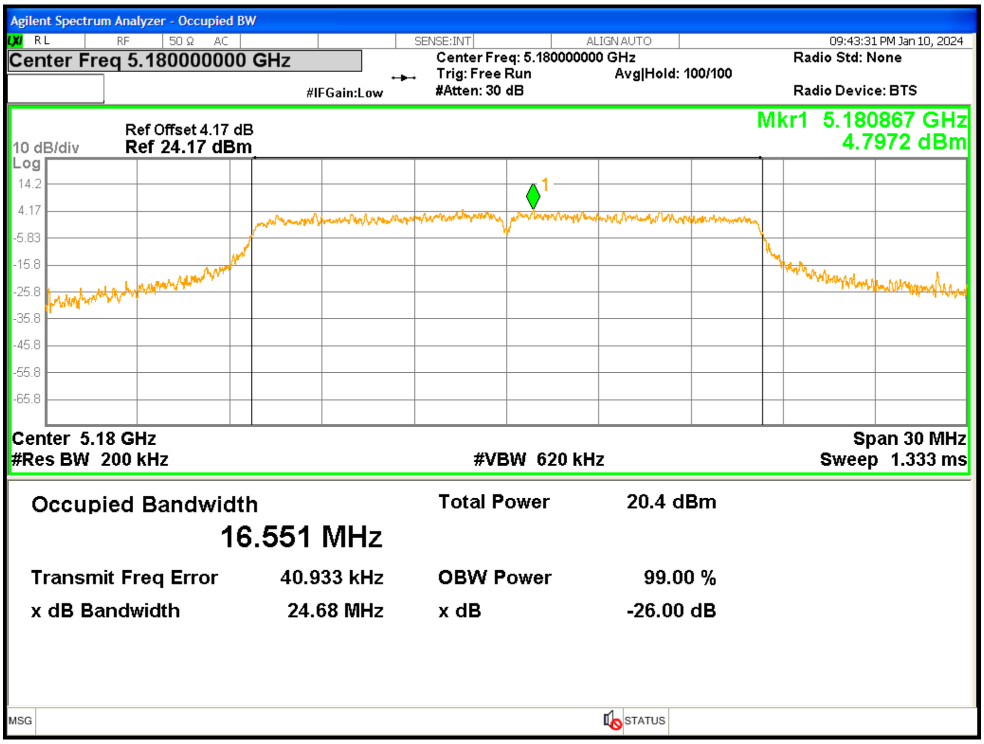
OBW NVNT a 5200MHz Ant1



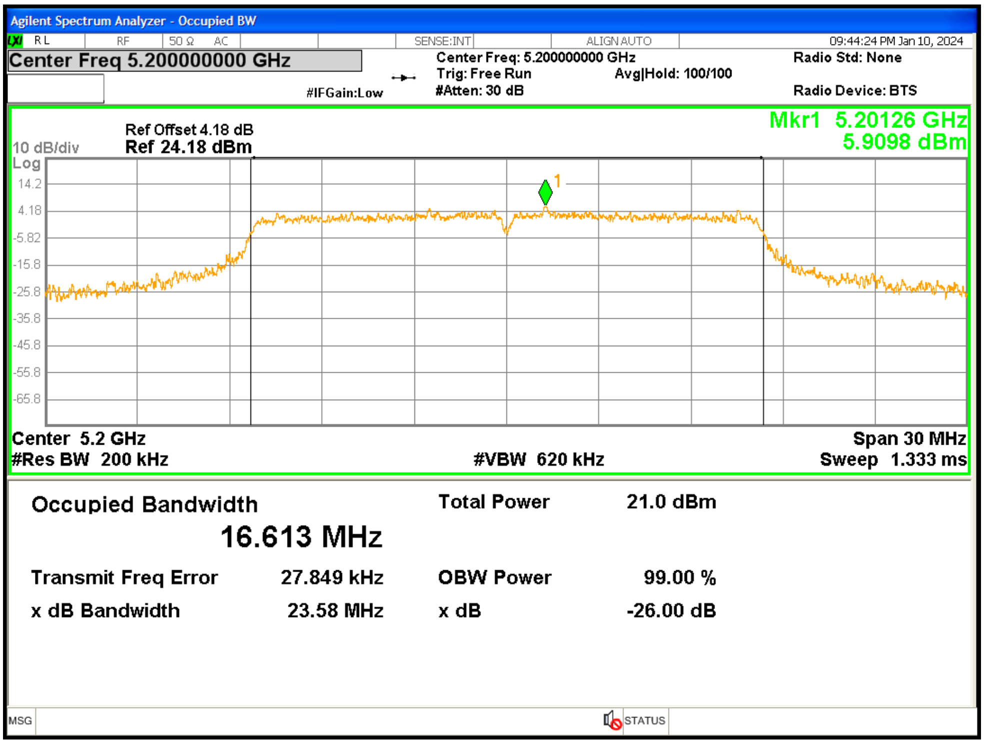
OBW NVNT a 5240MHz Ant1



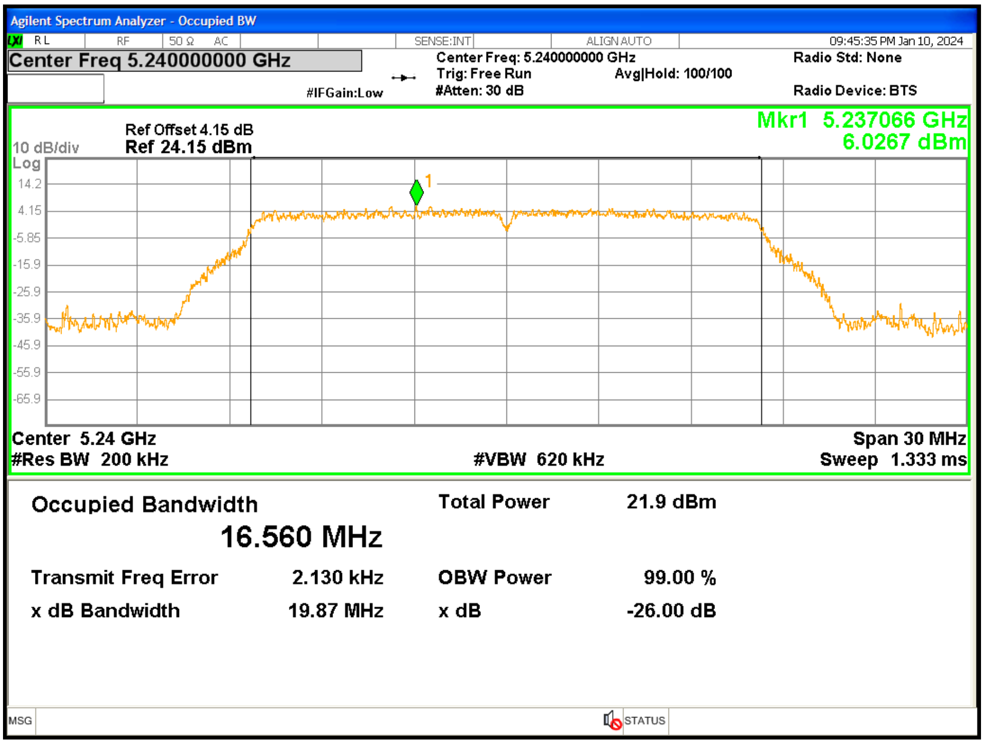
OBW NVNT a 5180MHz Ant2



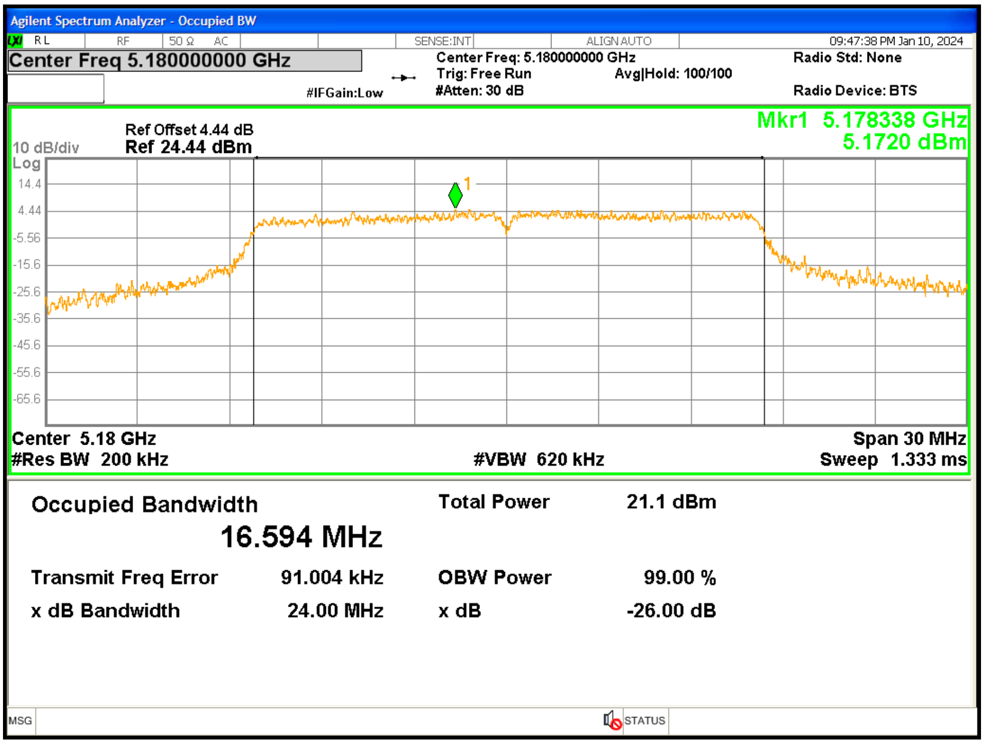
OBW NVNT a 5200MHz Ant2



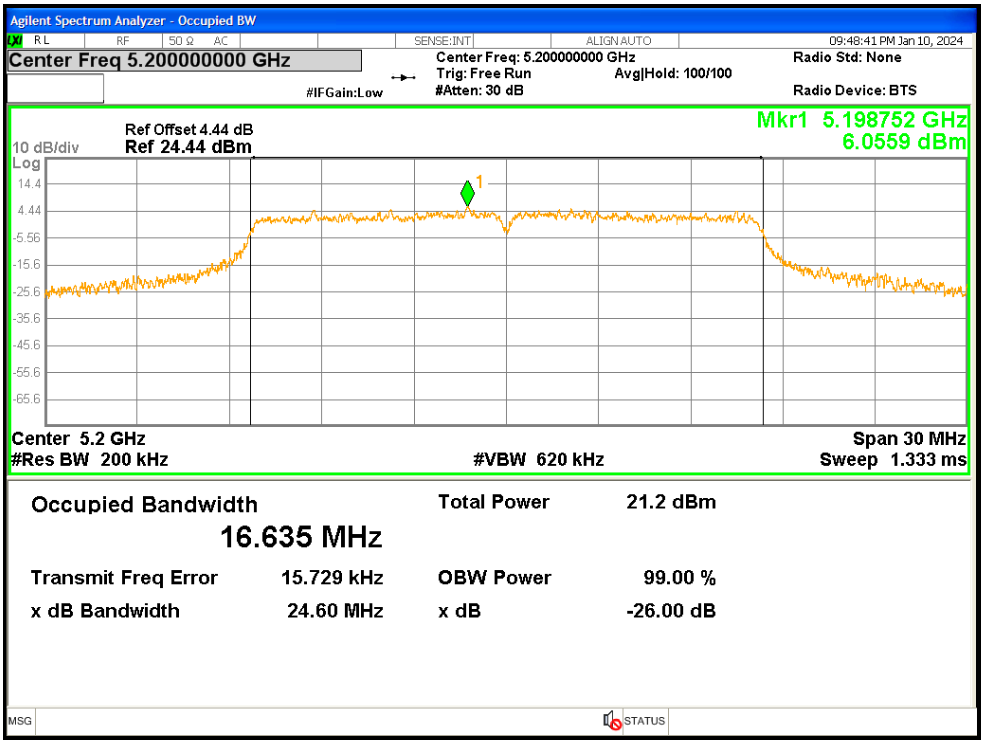
OBW NVNT a 5240MHz Ant2



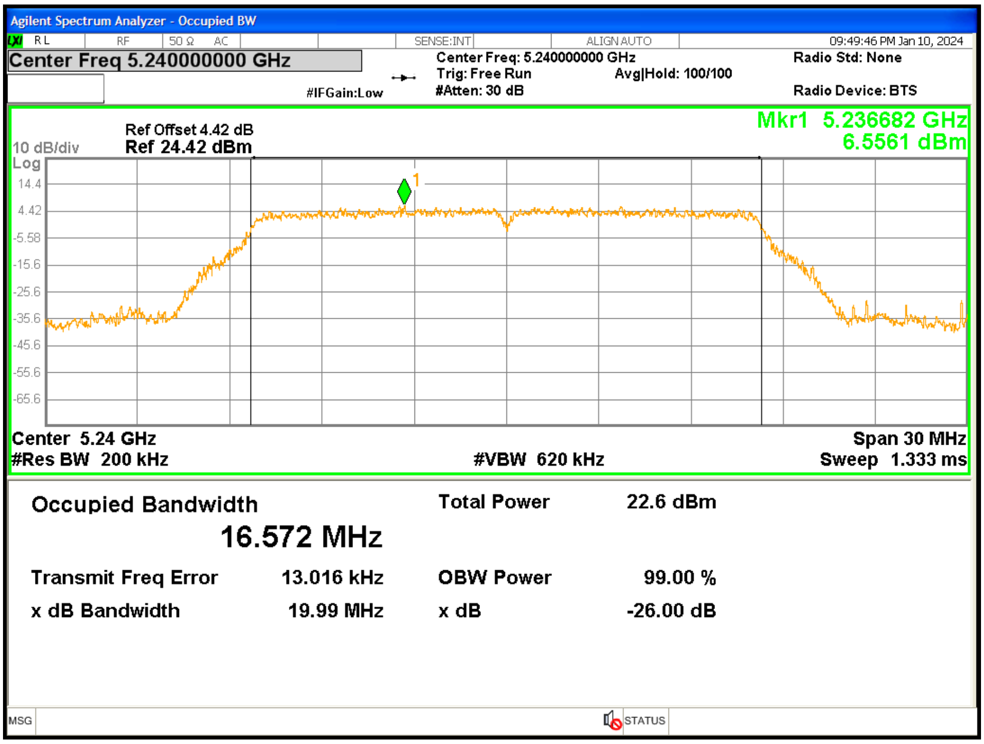
OBW NVNT a 5180MHz Ant3



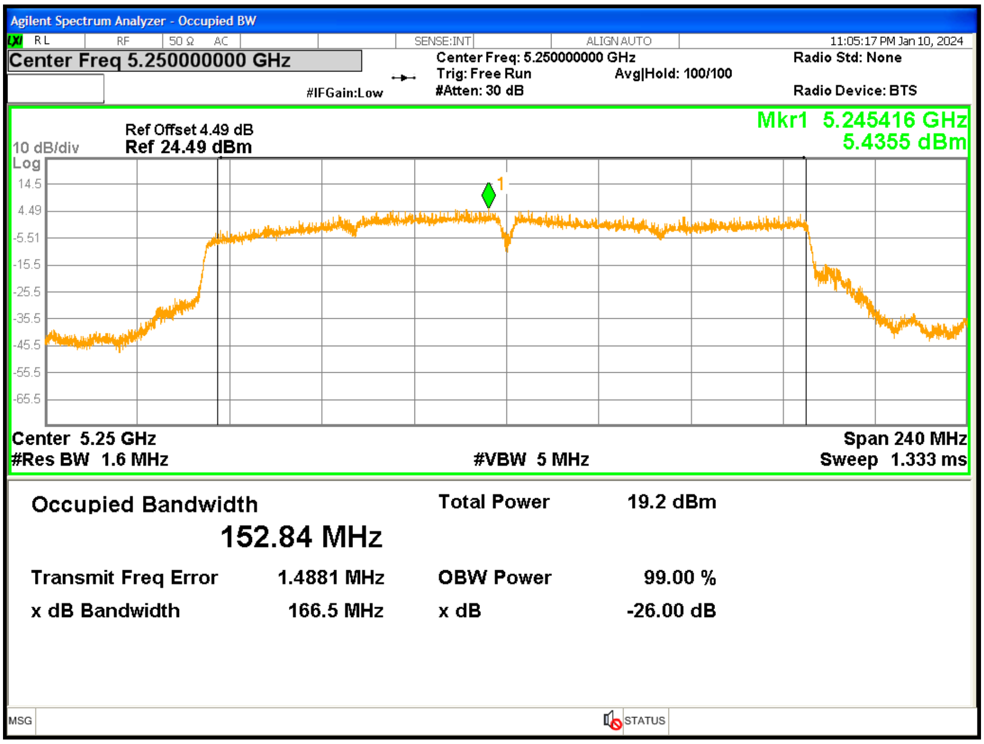
OBW NVNT a 5200MHz Ant3



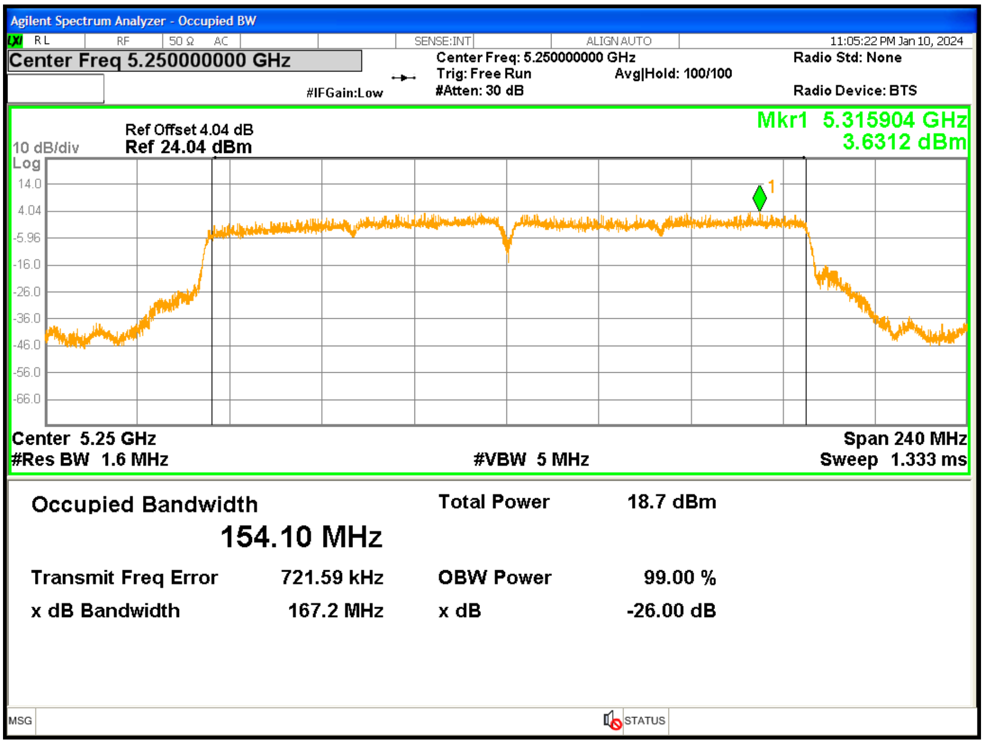
OBW NVNT a 5240MHz Ant3



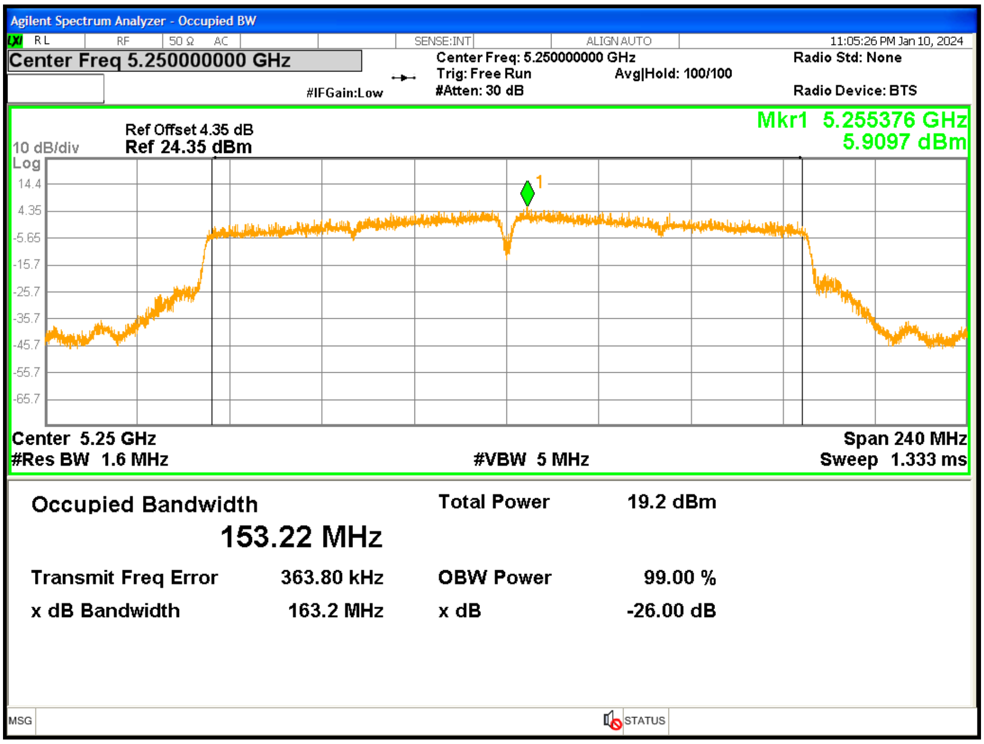
OBW NVNT ac160 5250MHz Ant1



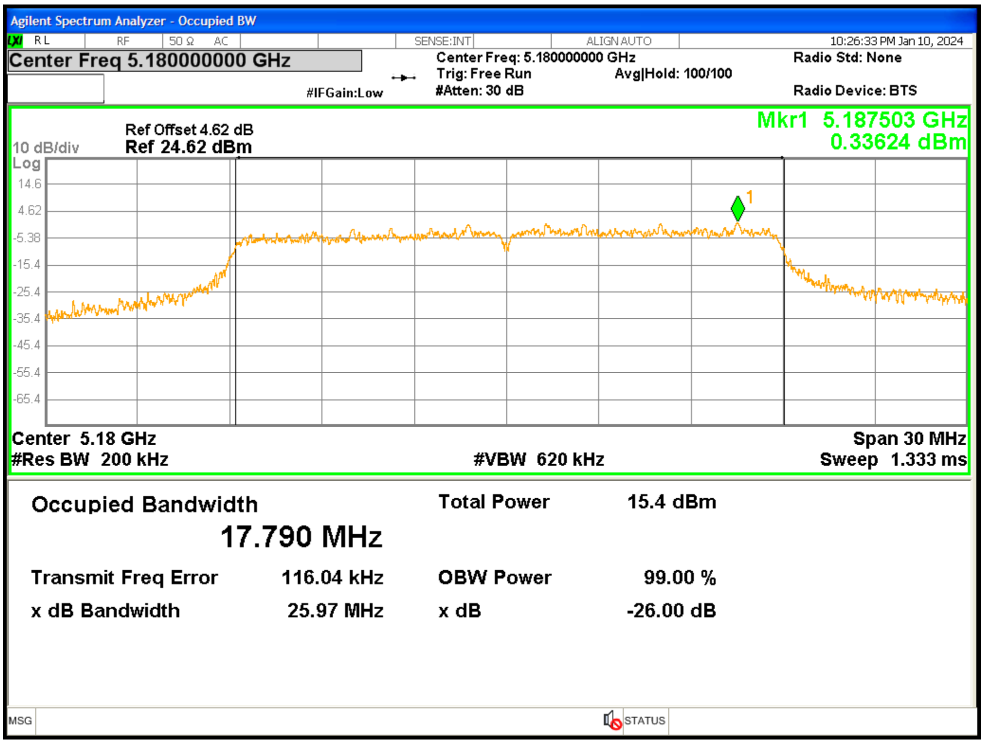
OBW NVNT ac160 5250MHz Ant2



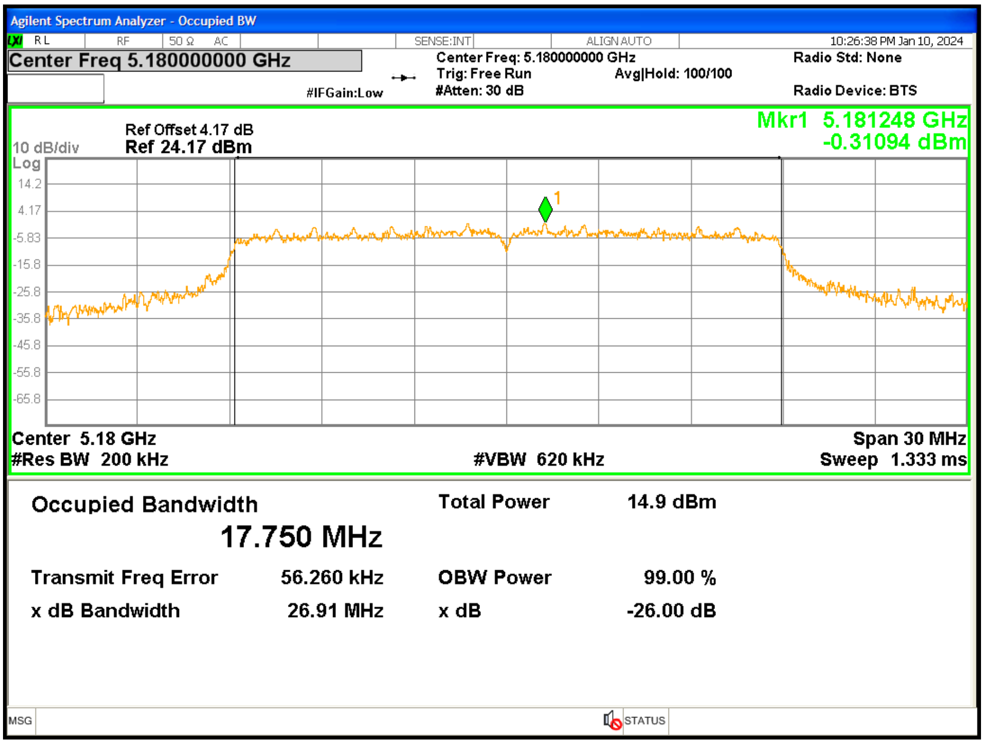
OBW NVNT ac160 5250MHz Ant3



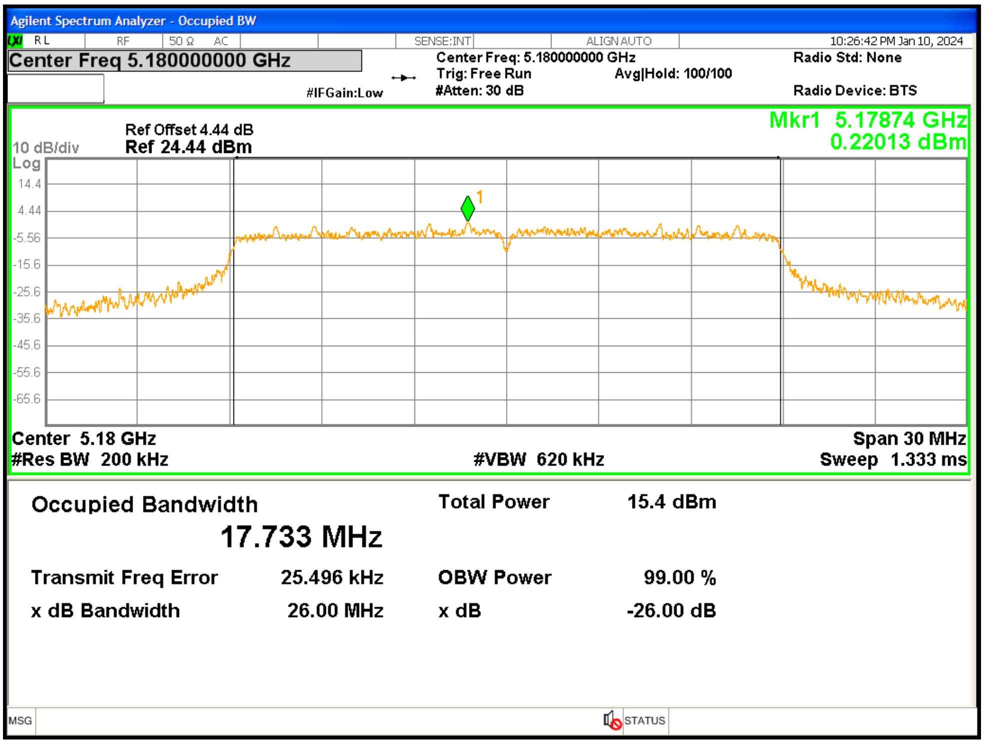
OBW NVNT ac20 5180MHz Ant1



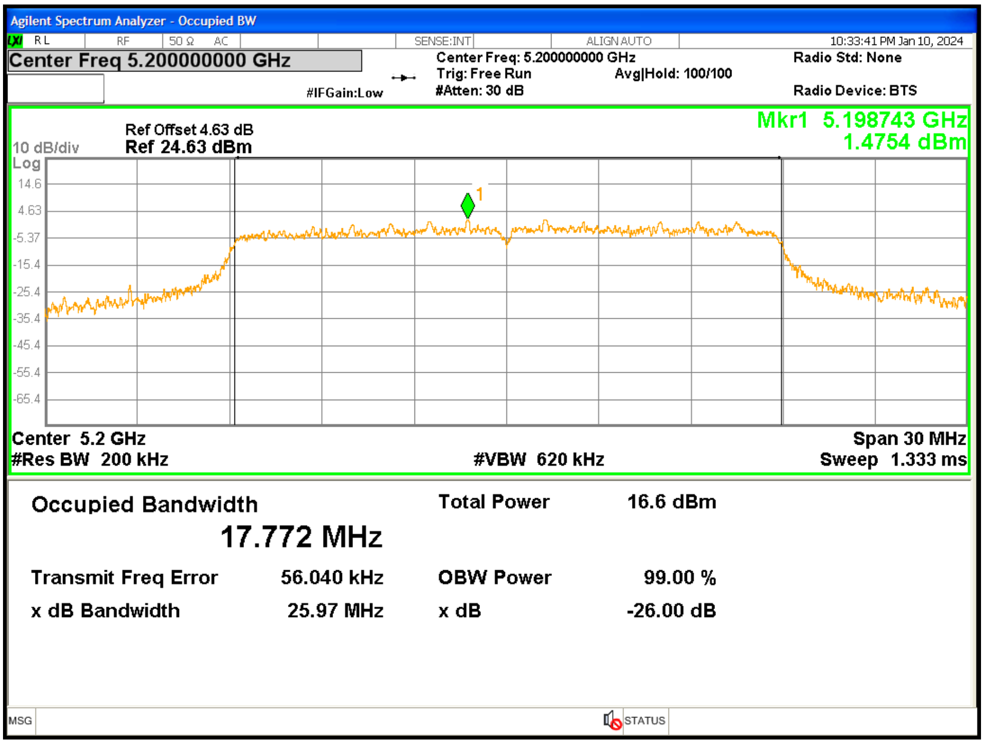
OBW NVNT ac20 5180MHz Ant2



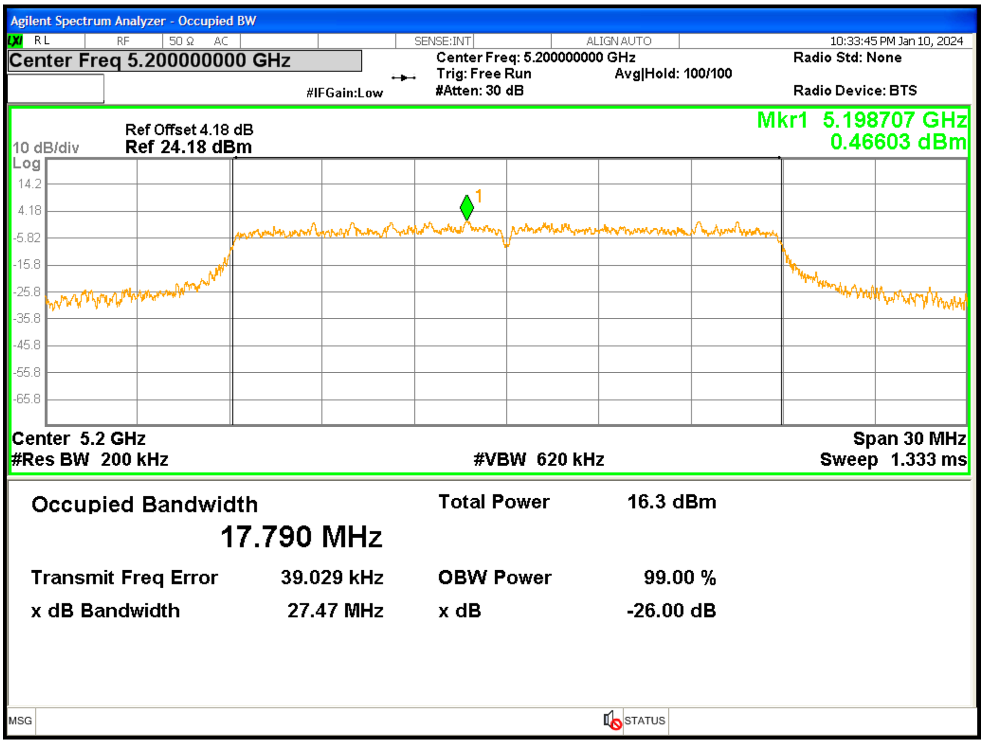
OBW NVNT ac20 5180MHz Ant3



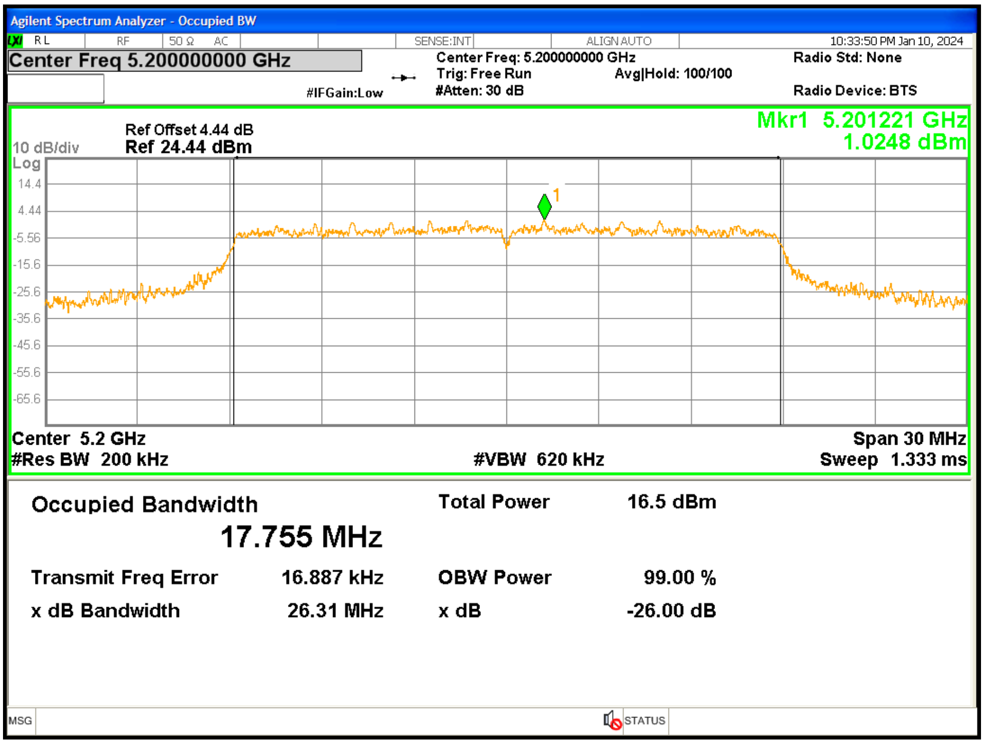
OBW NVNT ac20 5200MHz Ant1



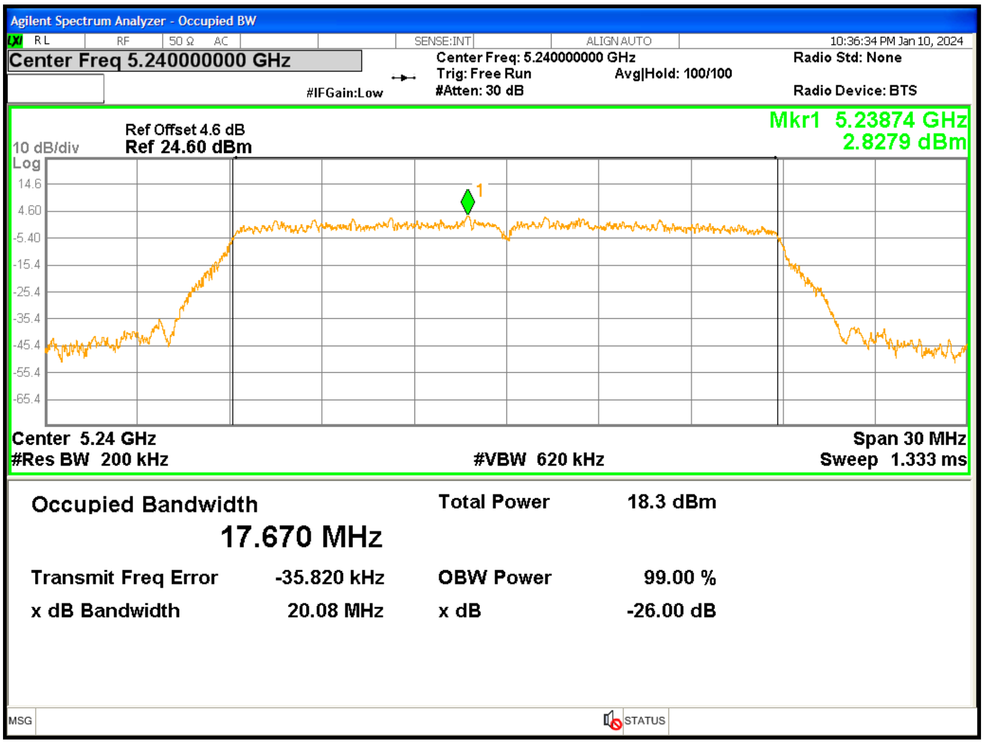
OBW NVNT ac20 5200MHz Ant2



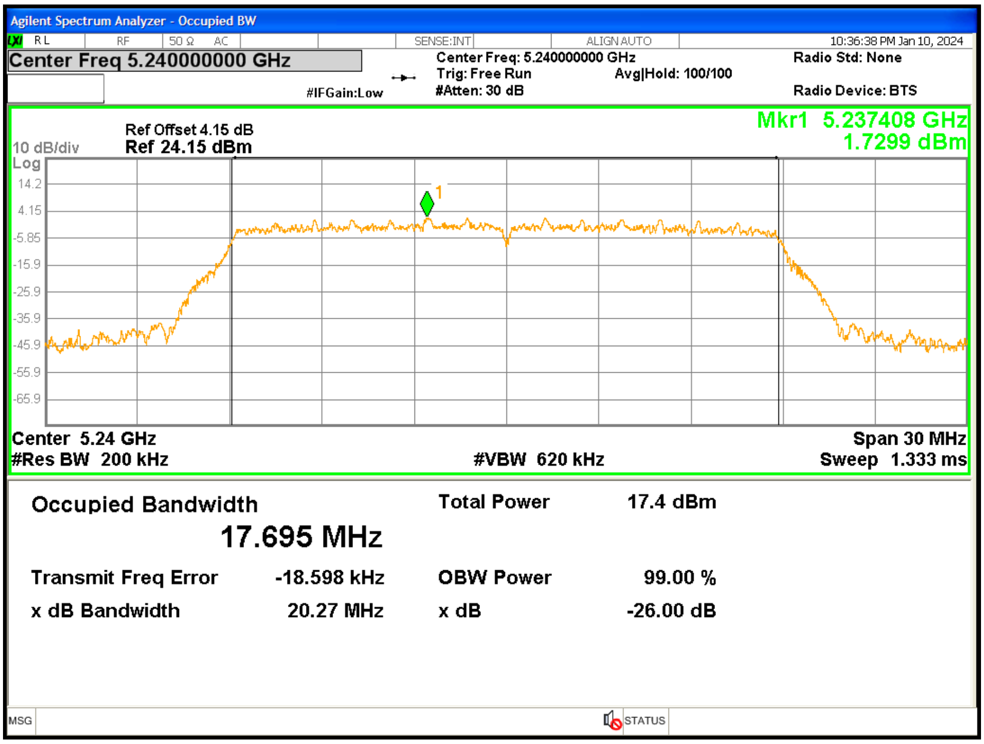
OBW NVNT ac20 5200MHz Ant3



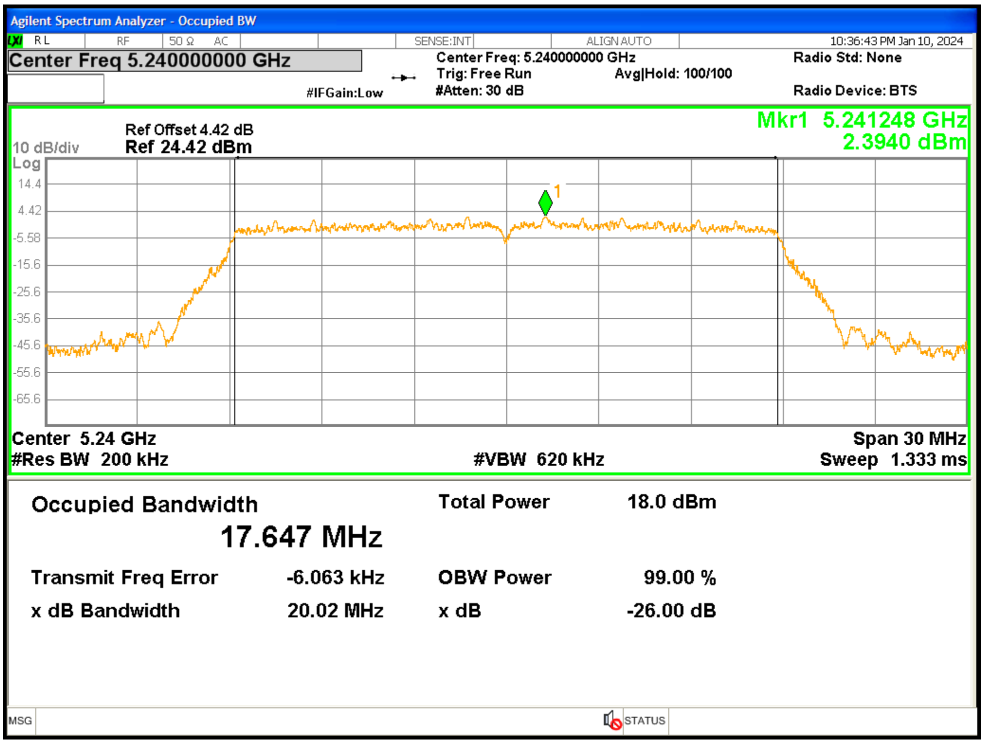
OBW NVNT ac20 5240MHz Ant1



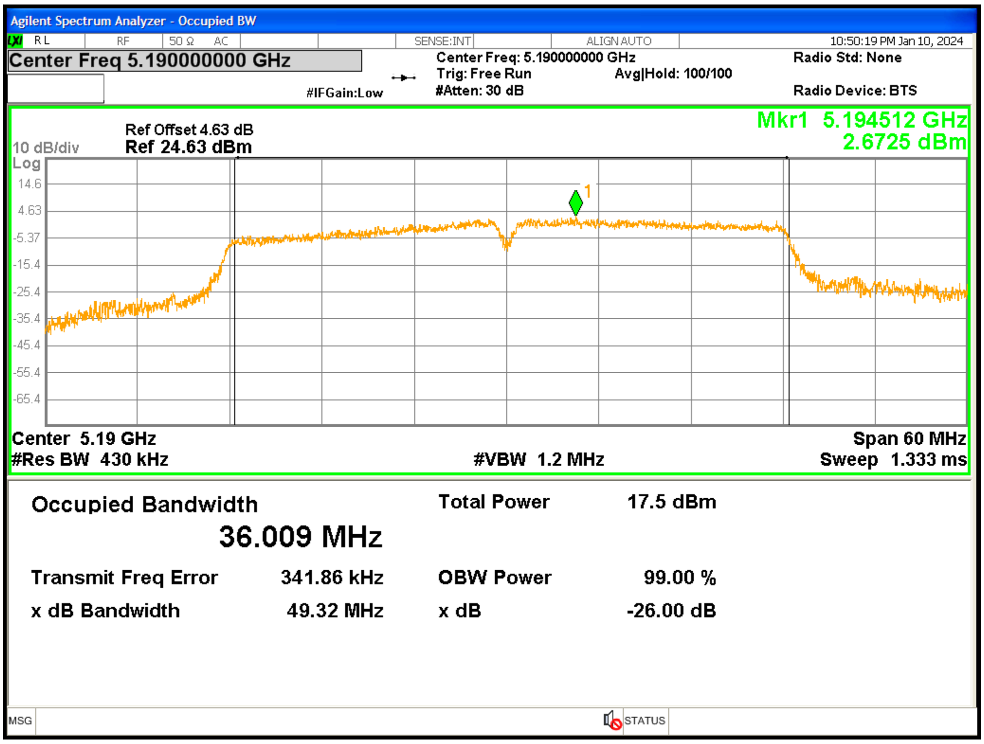
OBW NVNT ac20 5240MHz Ant2



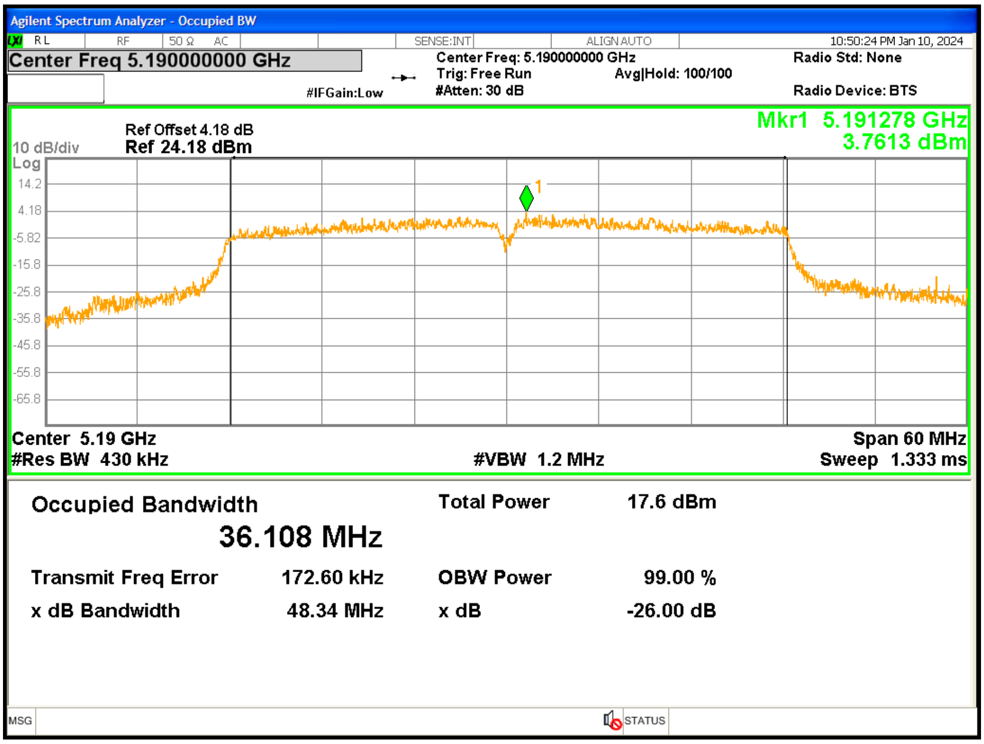
OBW NVNT ac20 5240MHz Ant3



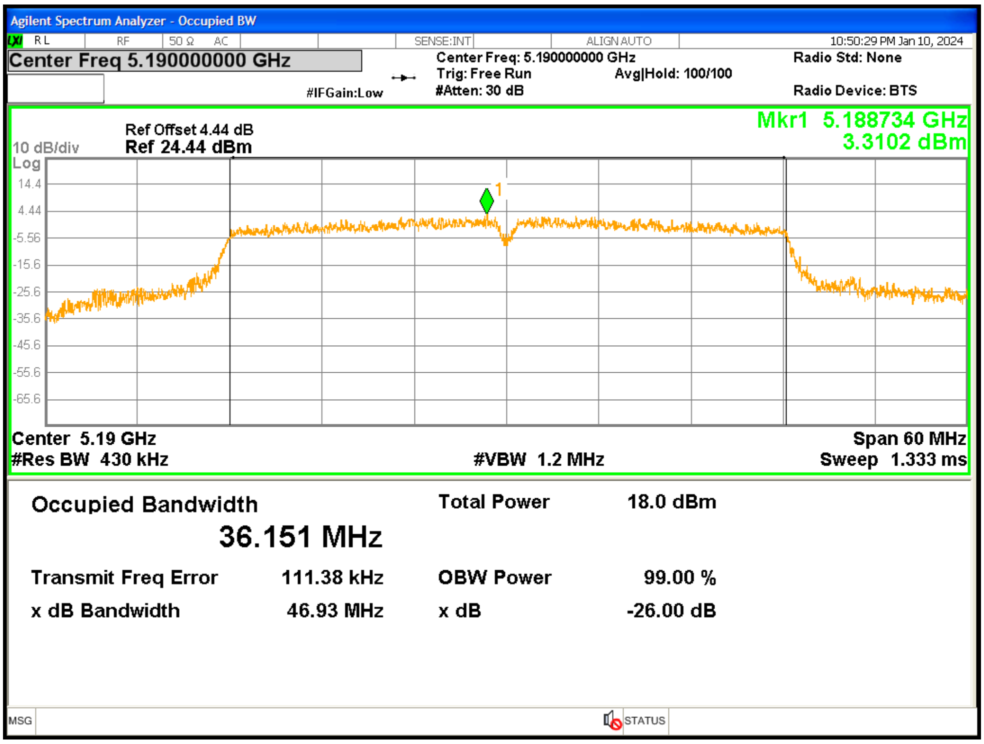
OBW NVNT ac40 5190MHz Ant1



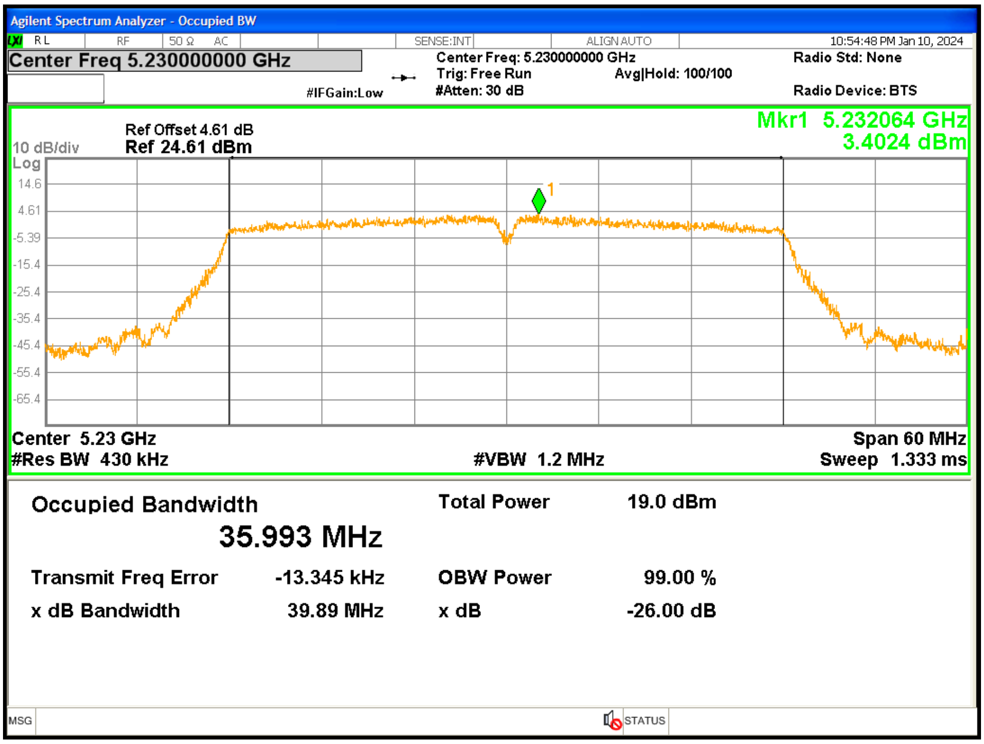
OBW NVNT ac40 5190MHz Ant2



OBW NVNT ac40 5190MHz Ant3



OBW NVNT ac40 5230MHz Ant1



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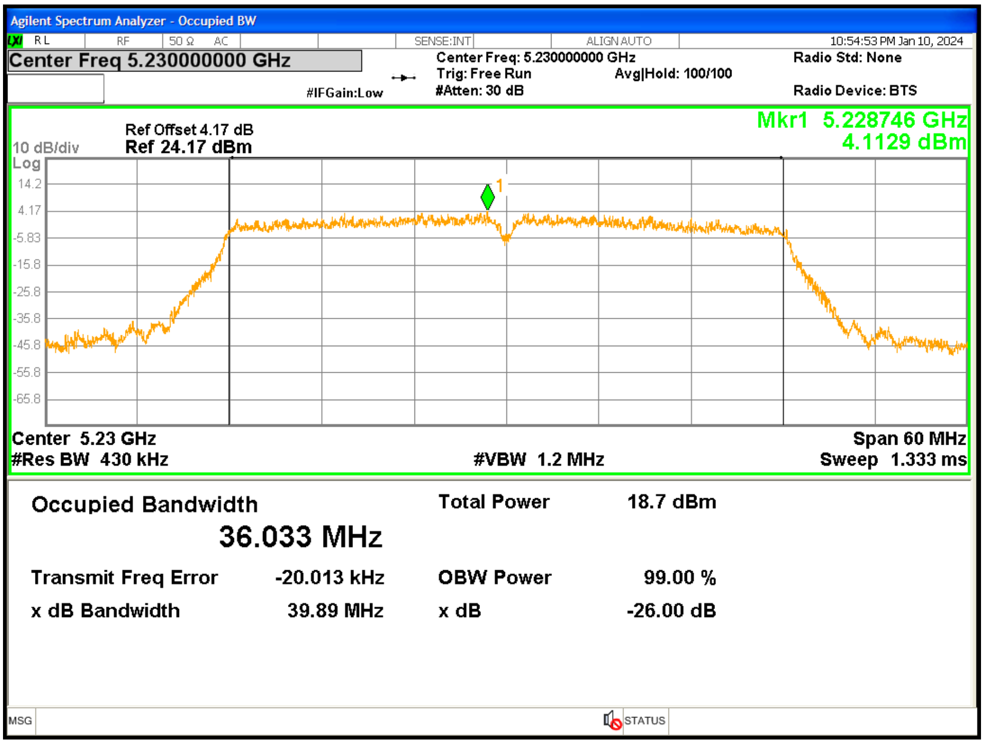
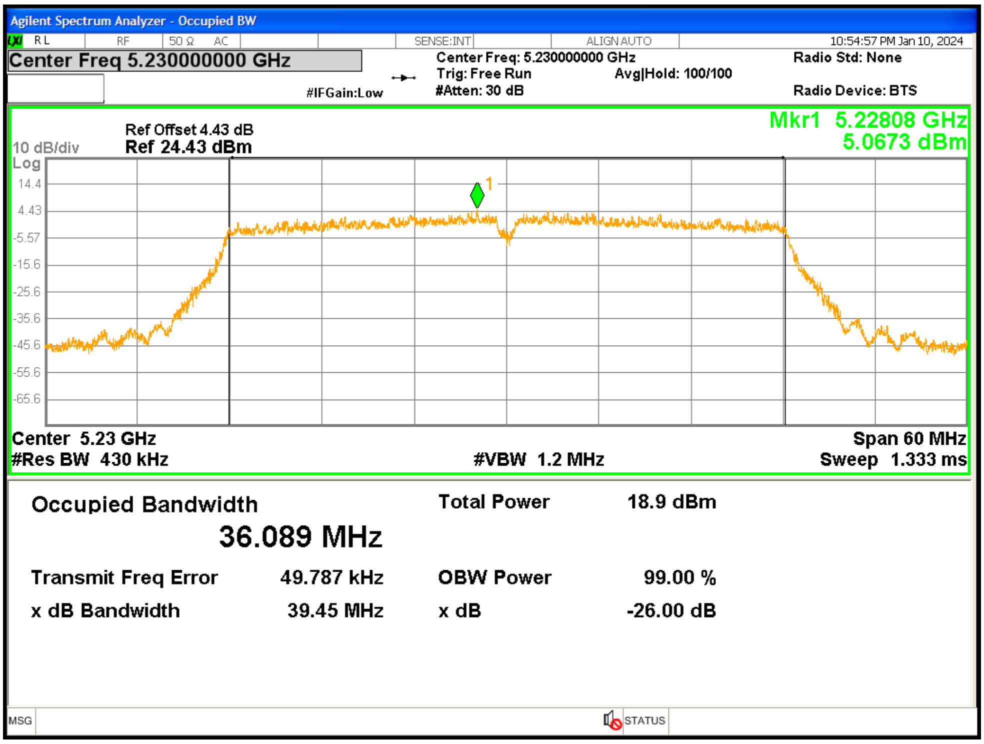


OBW NVNT ac40 5230MHz Ant3



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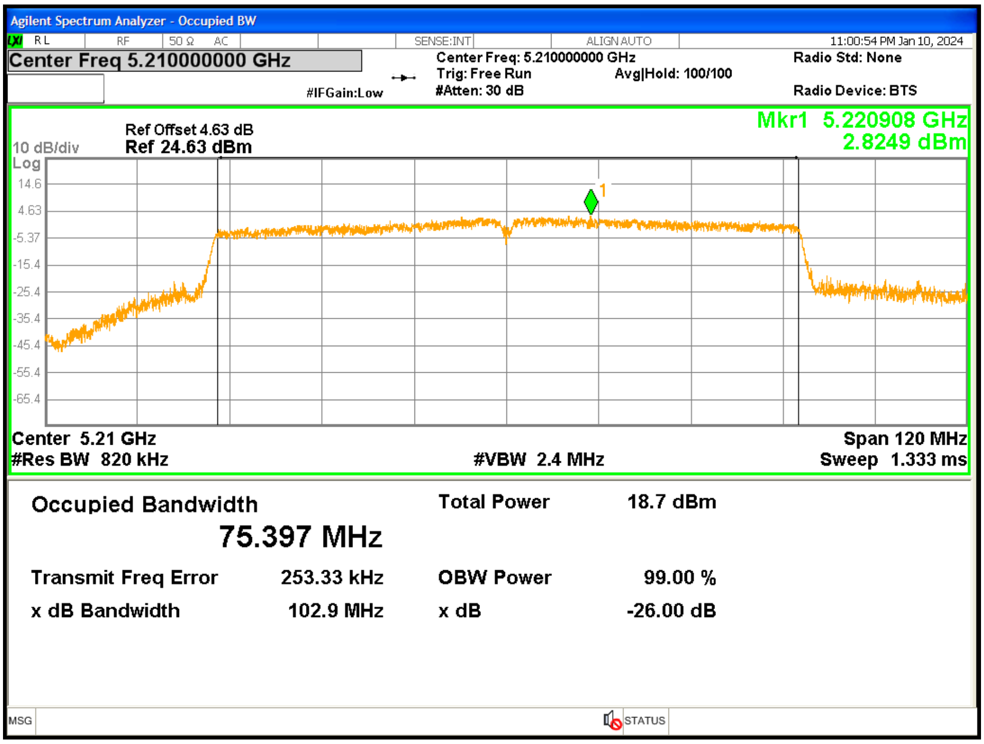
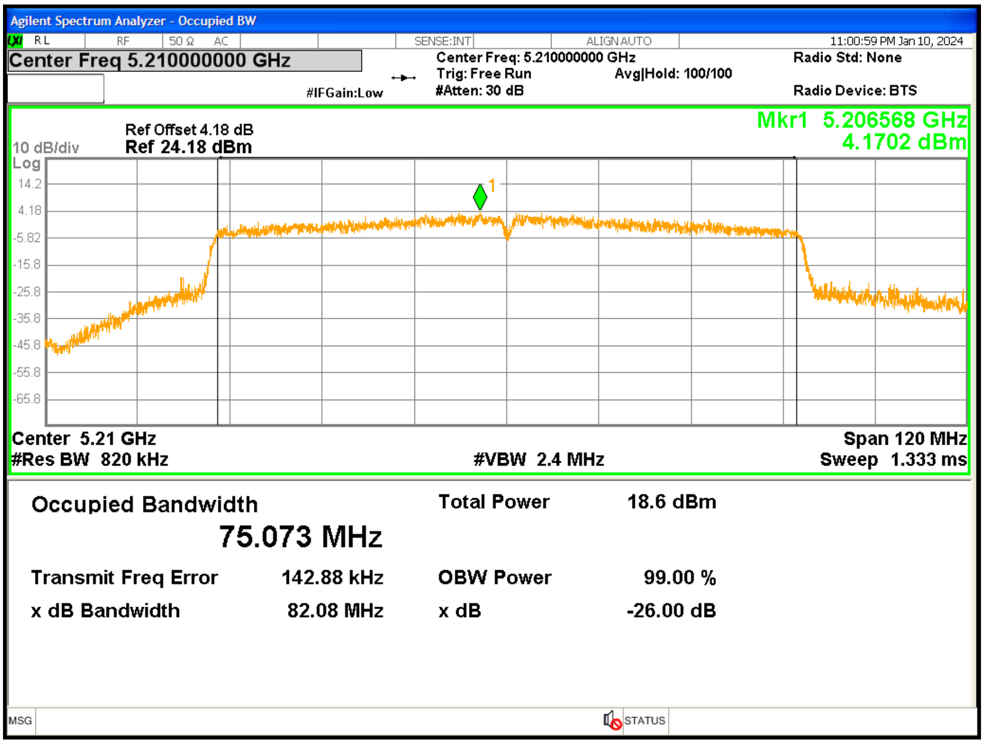
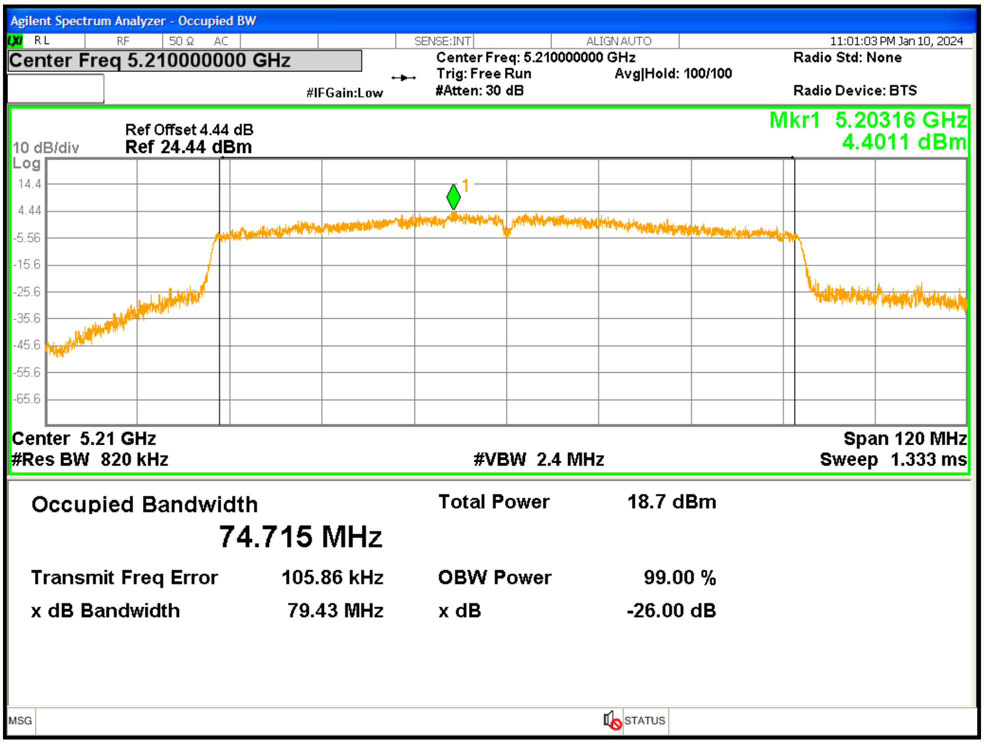


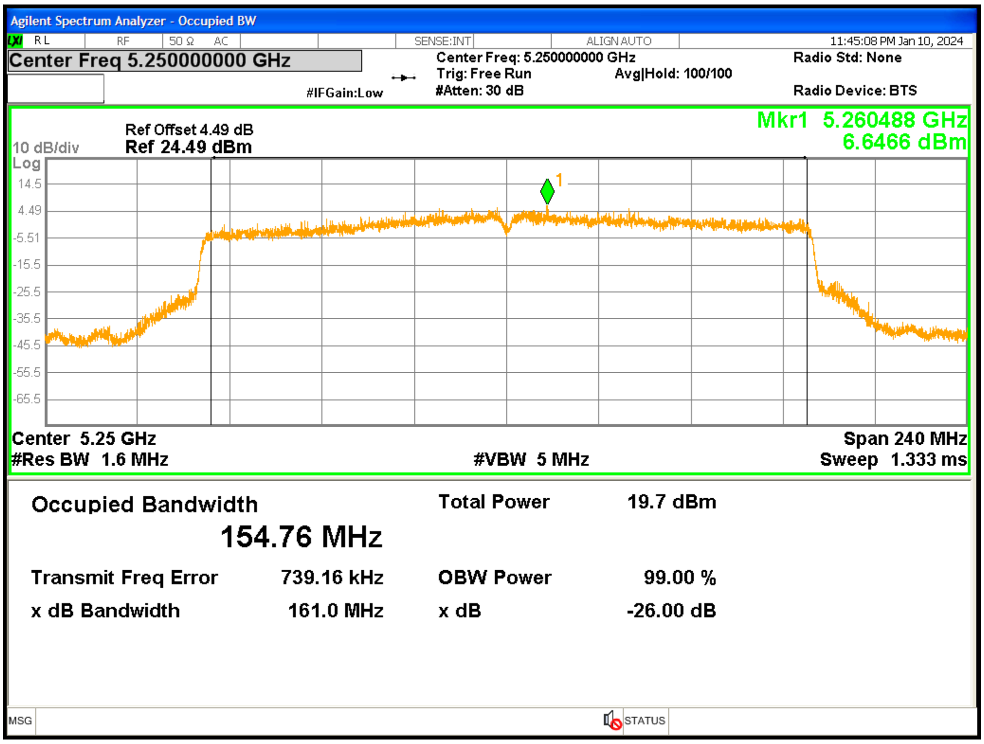
OBW NVNT ac80 5210MHz Ant2



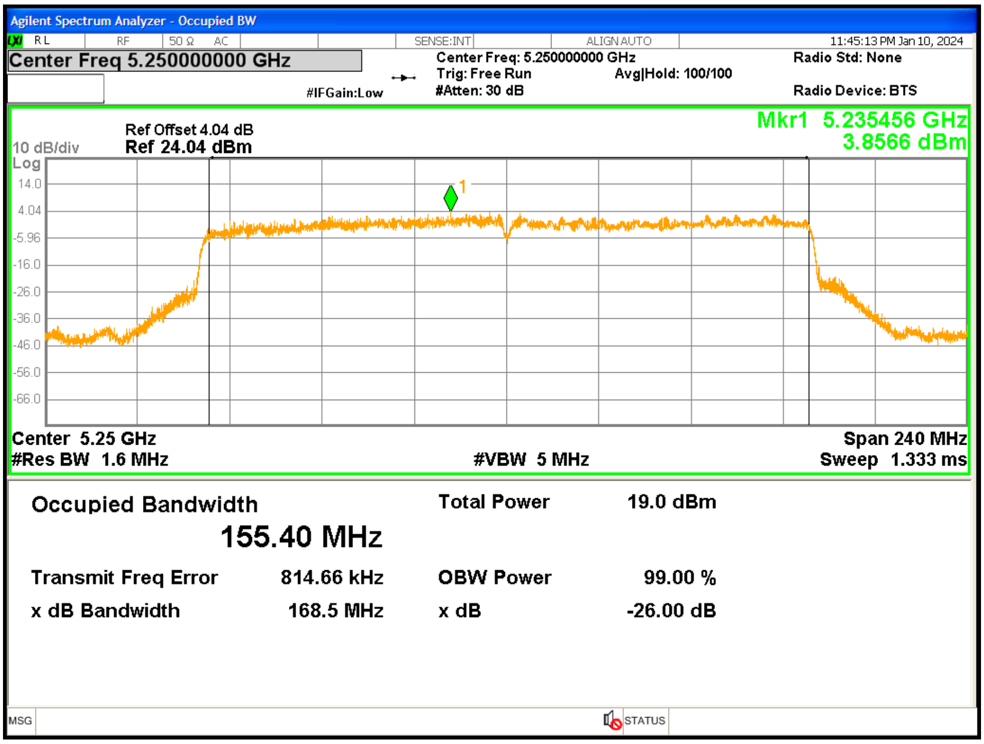
OBW NVNT ac80 5210MHz Ant3



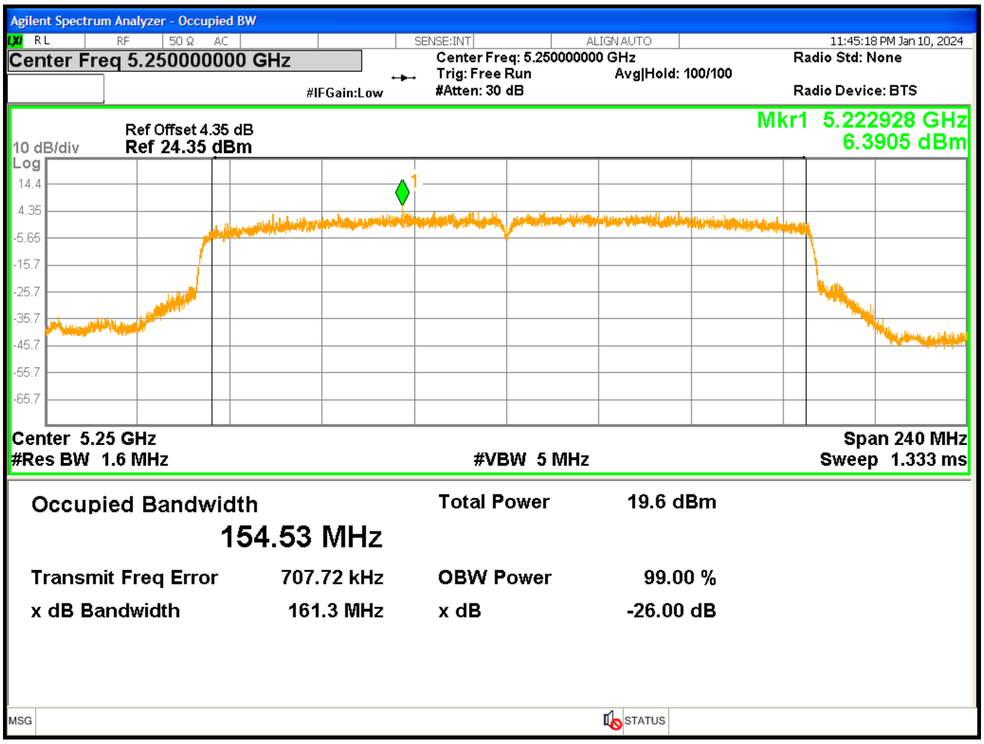
OBW NVNT ax160 5250MHz Ant1



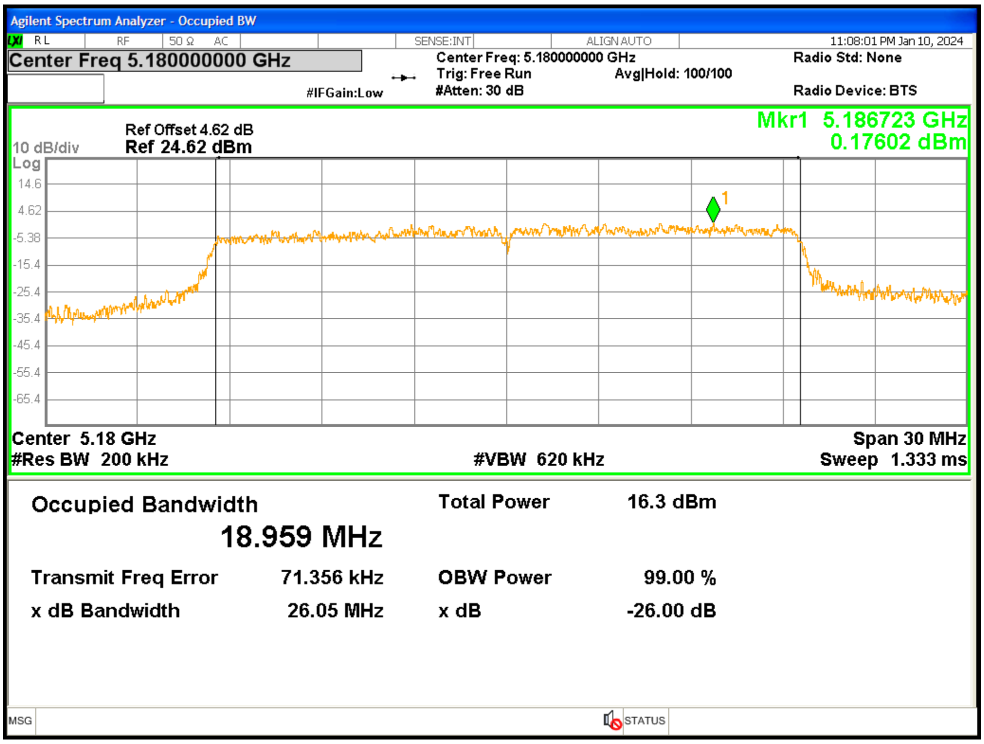
OBW NVNT ax160 5250MHz Ant2



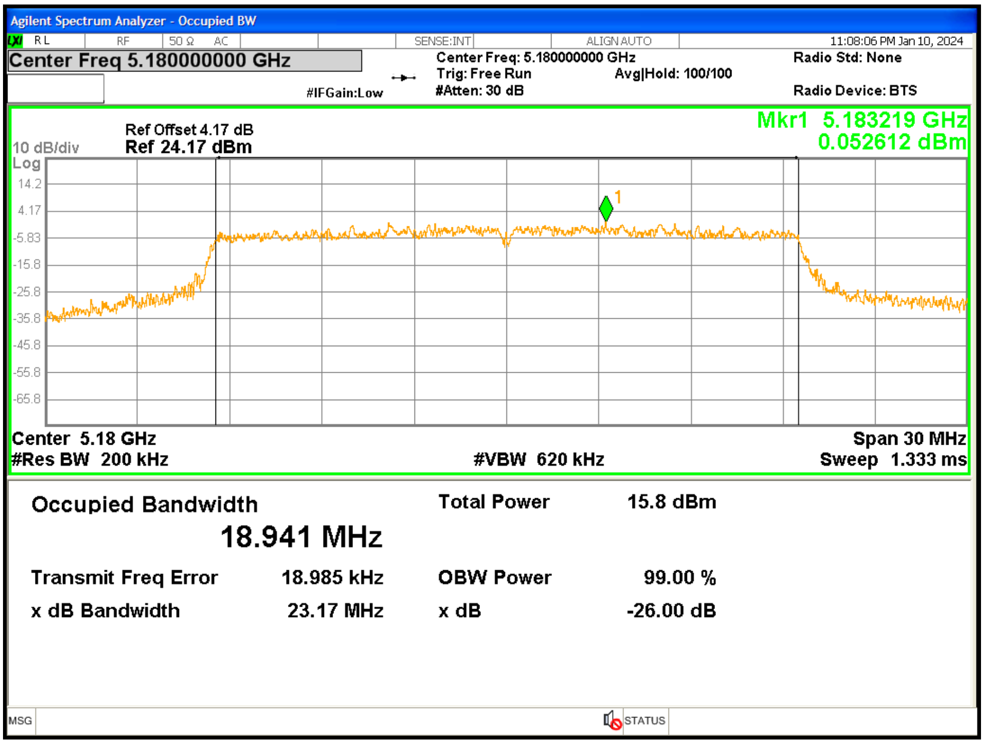
OBW NVNT ax160 5250MHz Ant3



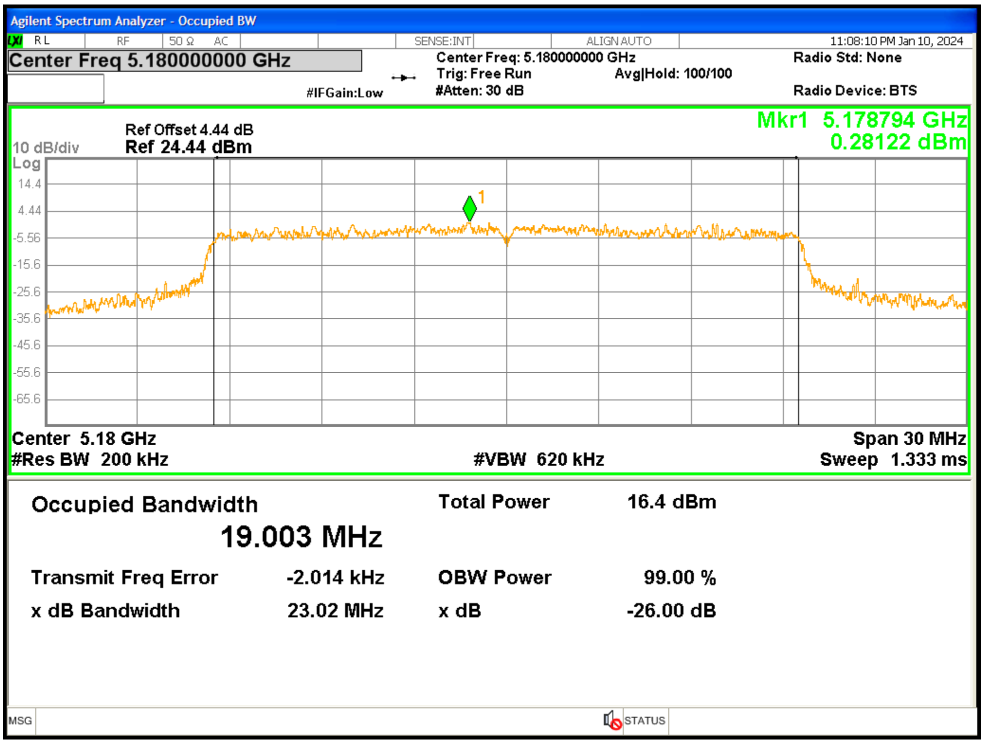
OBW NVNT ax20 5180MHz Ant1



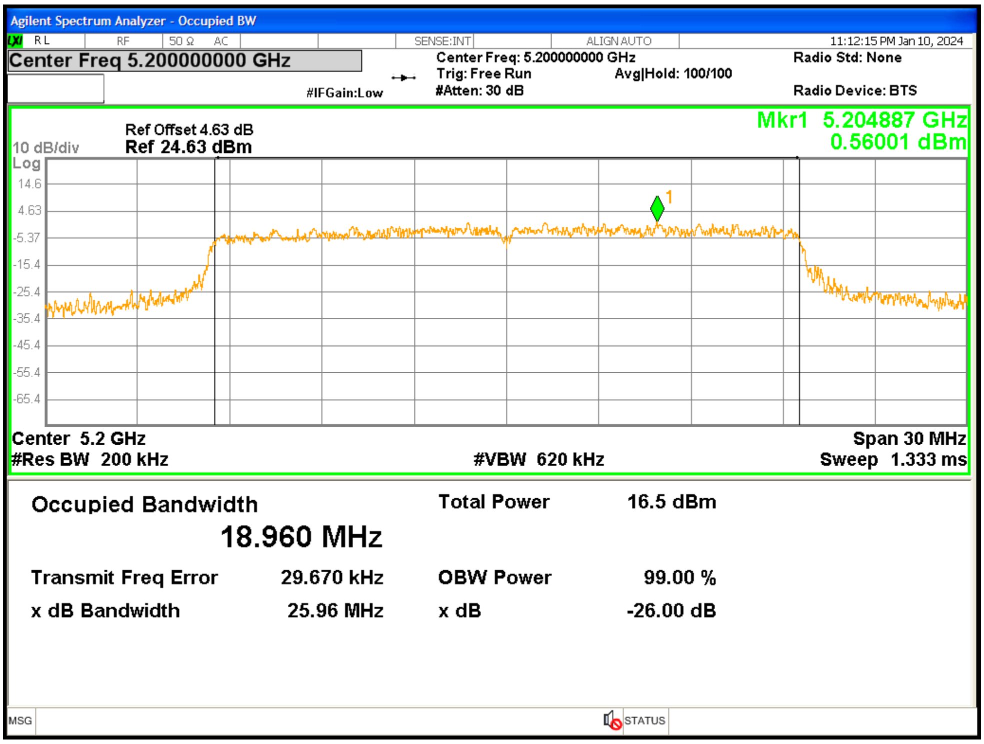
OBW NVNT ax20 5180MHz Ant2



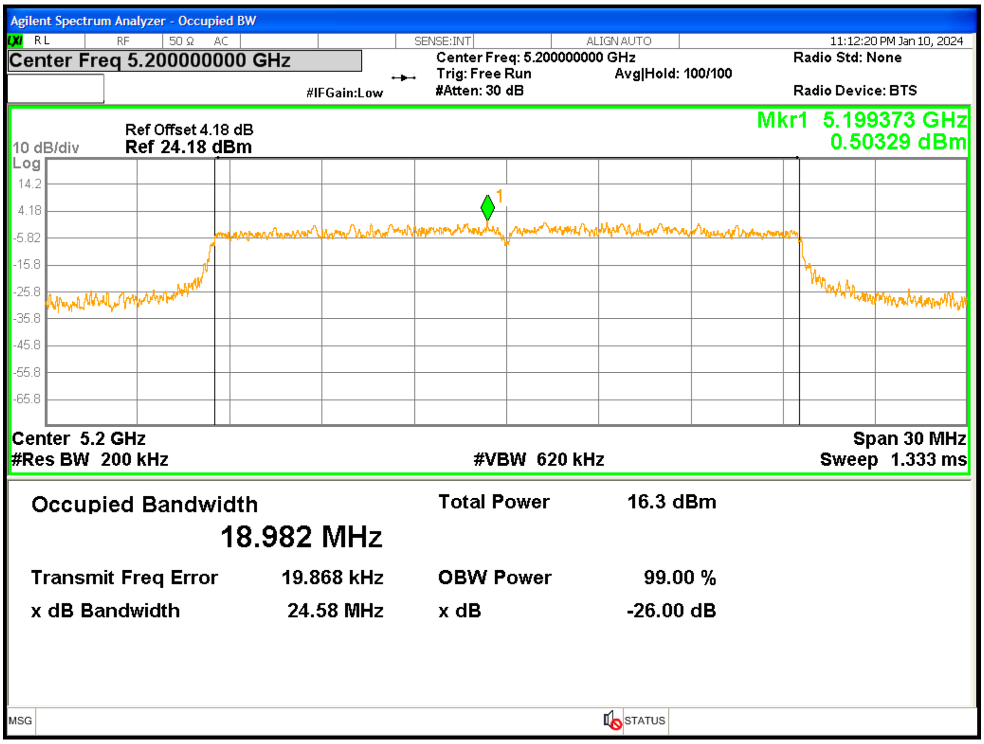
OBW NVNT ax20 5180MHz Ant3



OBW NVNT ax20 5200MHz Ant1



OBW NVNT ax20 5200MHz Ant2



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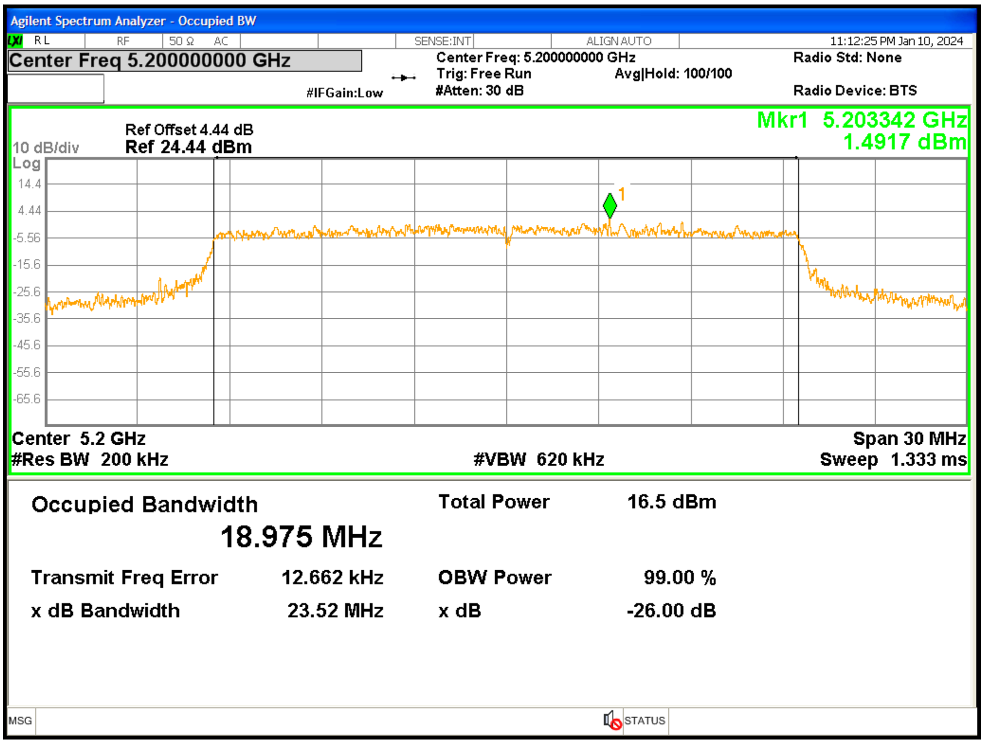
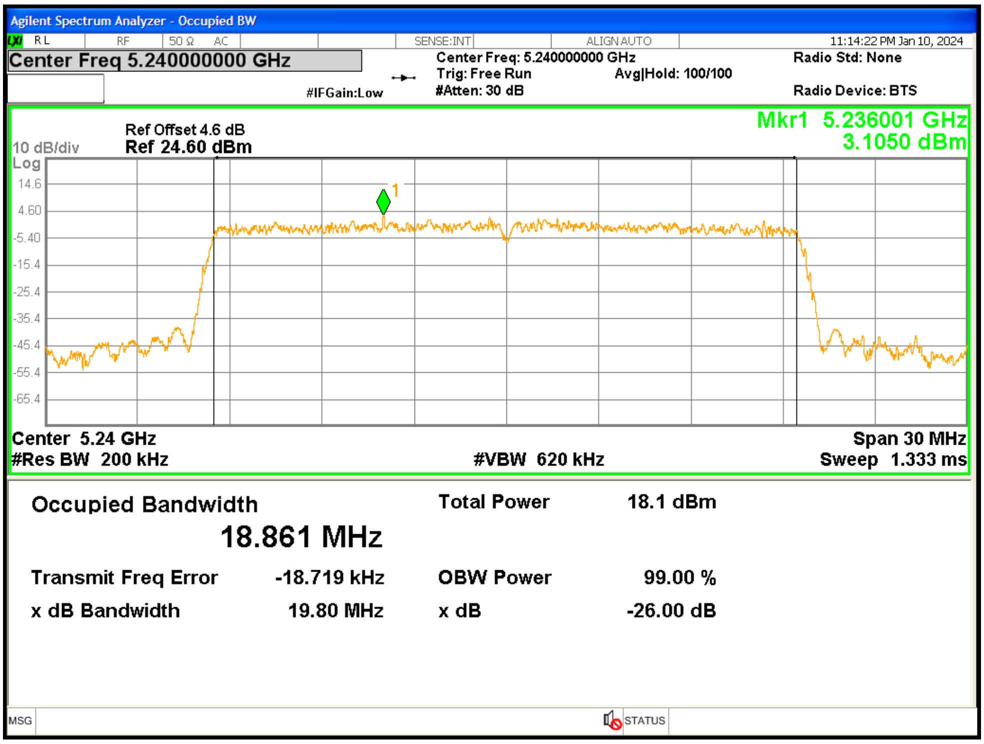


OBW NVNT ax20 5240MHz Ant1



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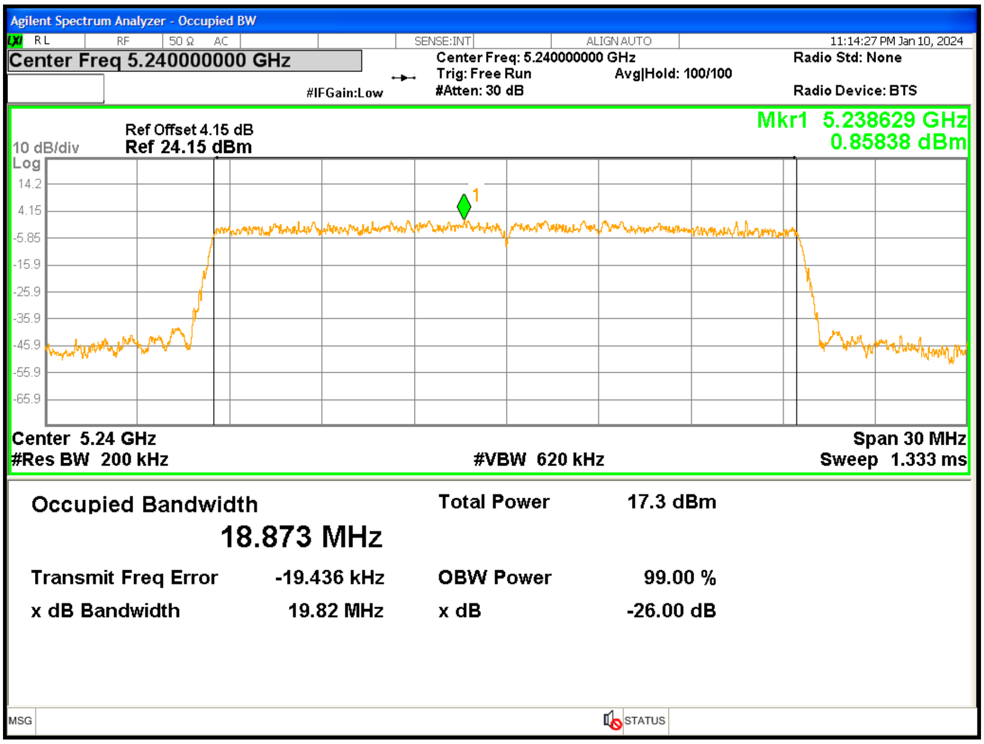
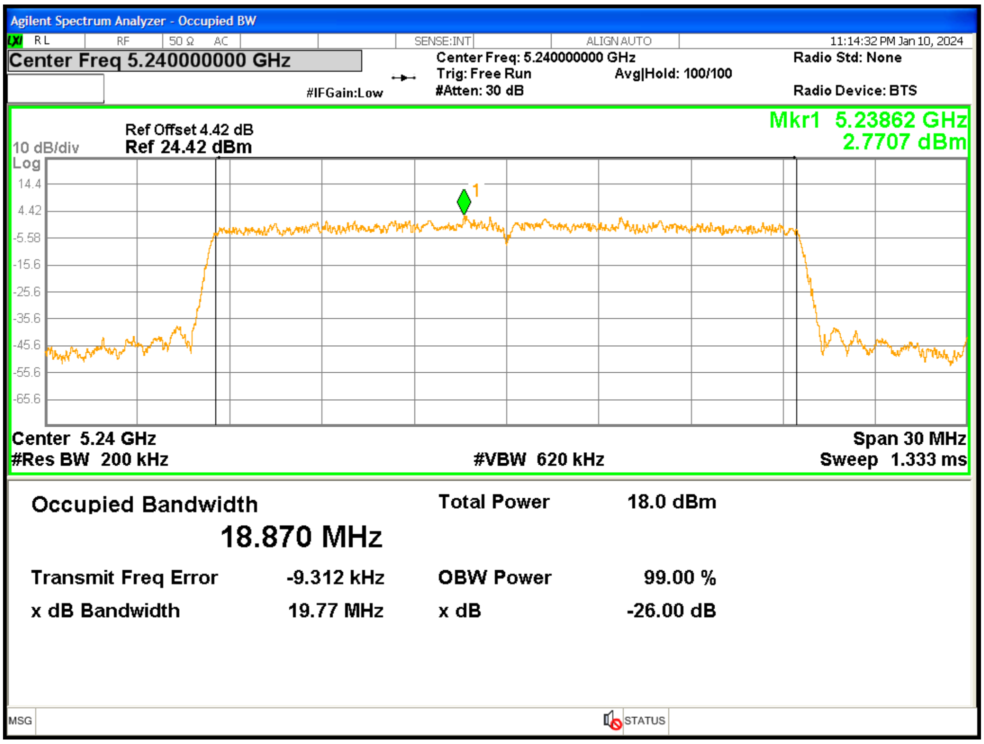
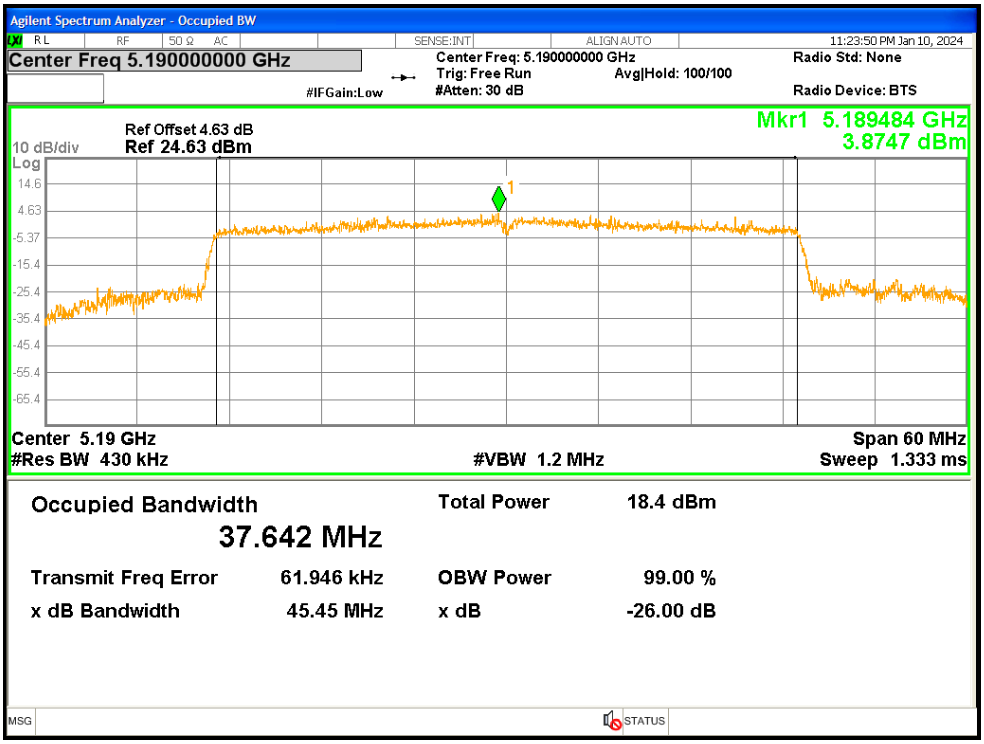


OBW NVNT ax20 5240MHz Ant3



OBW NVNT ax40 5190MHz Ant1



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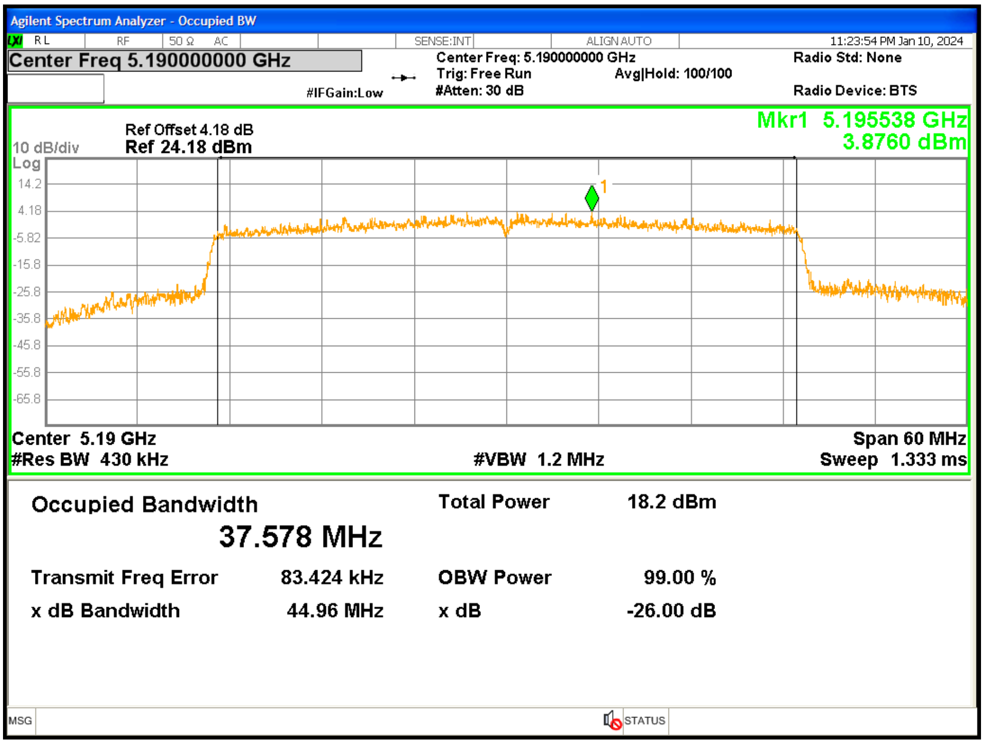

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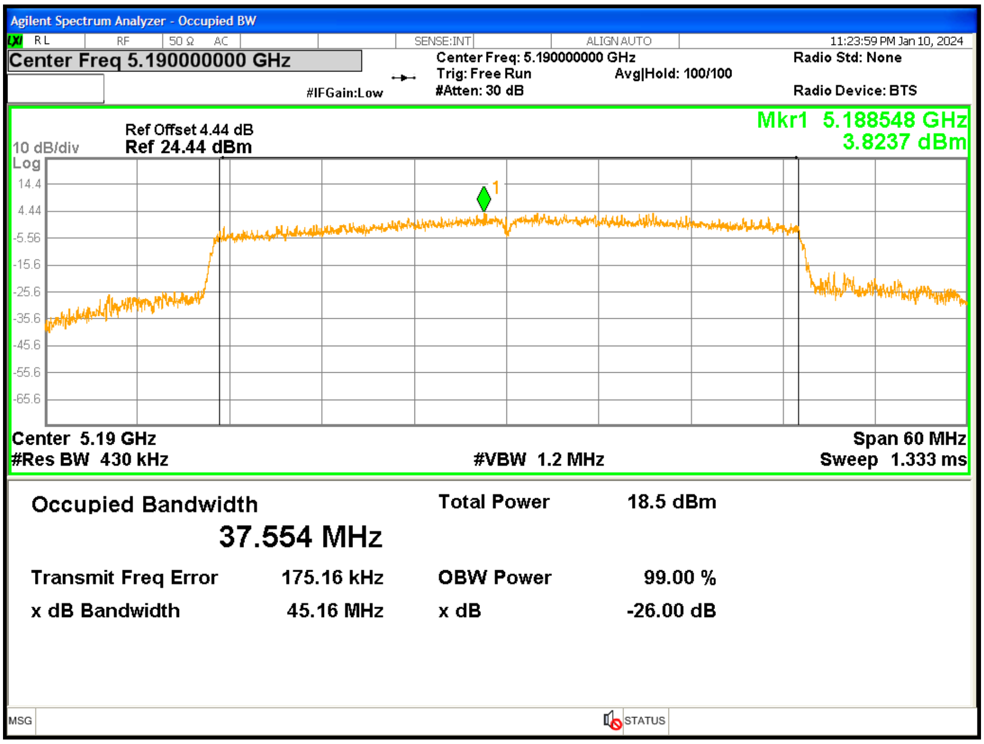
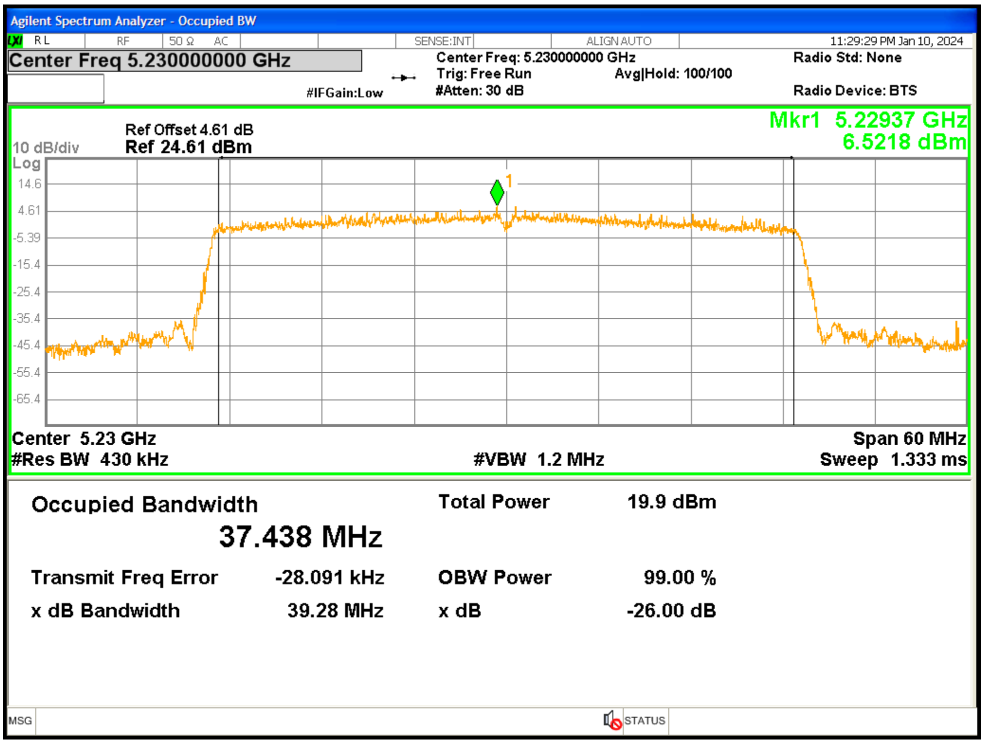


OBW NVNT ax40 5230MHz Ant1



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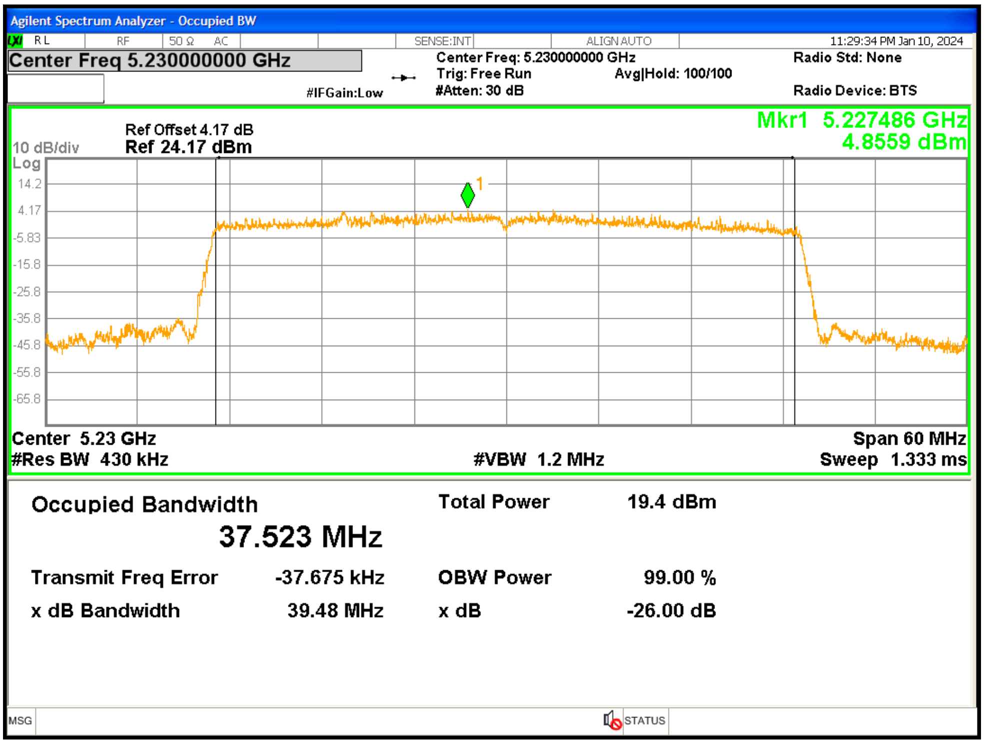

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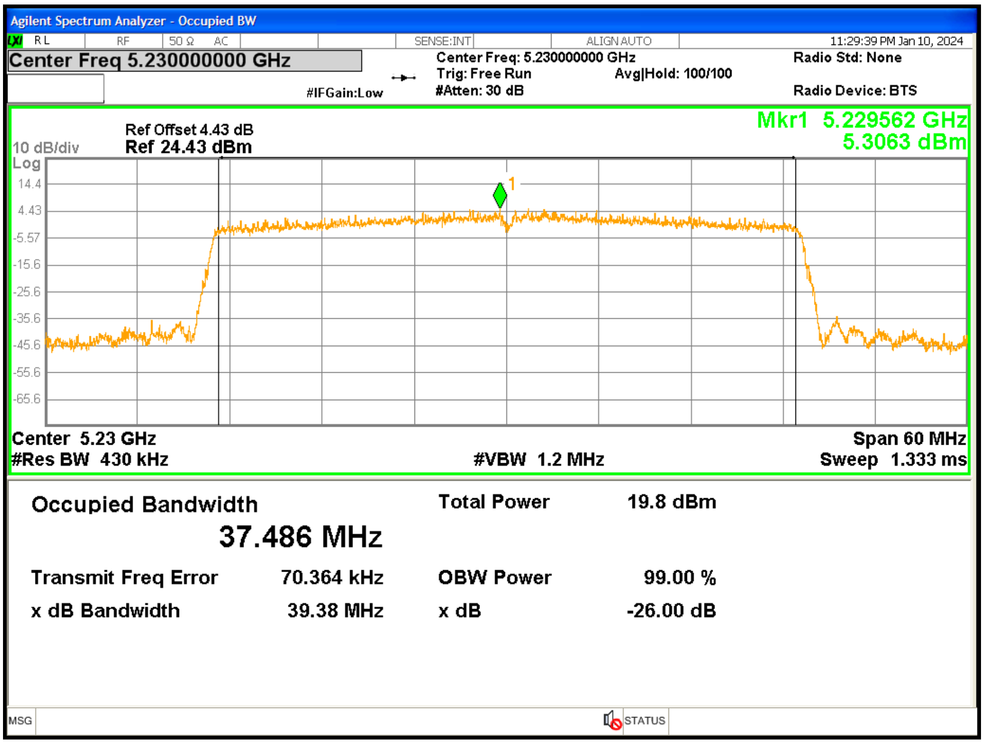

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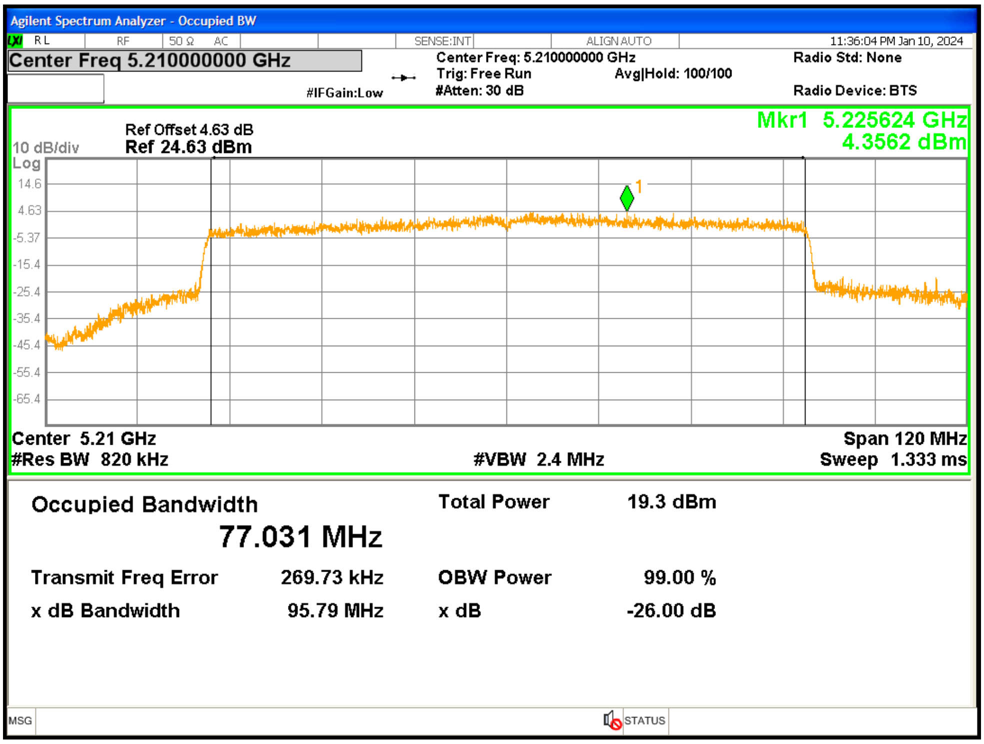

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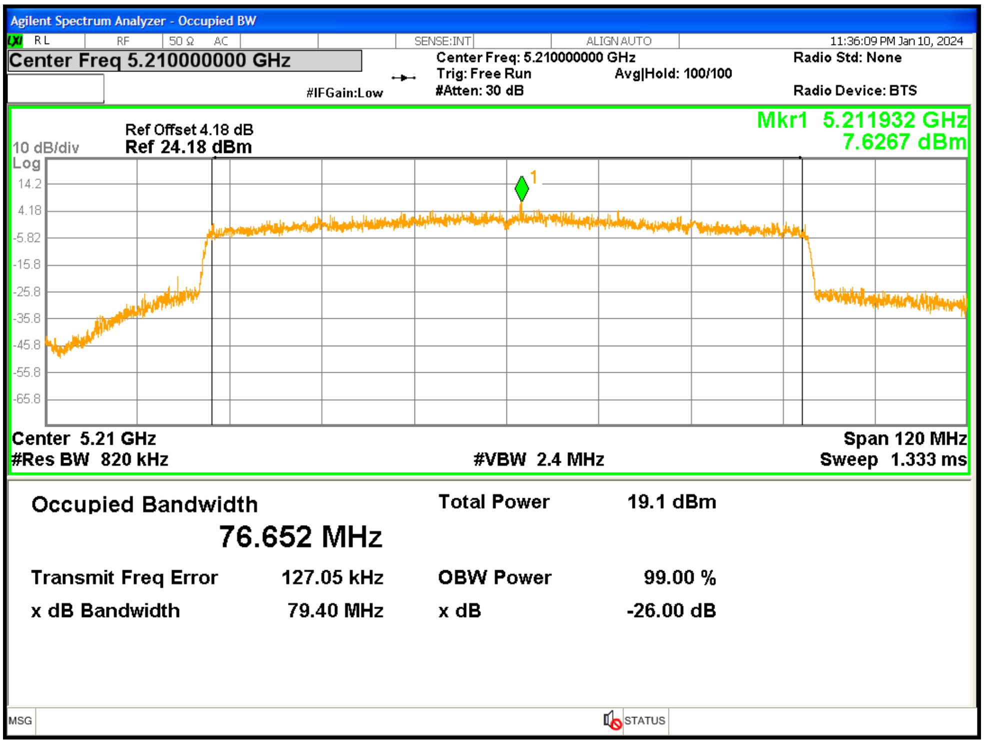

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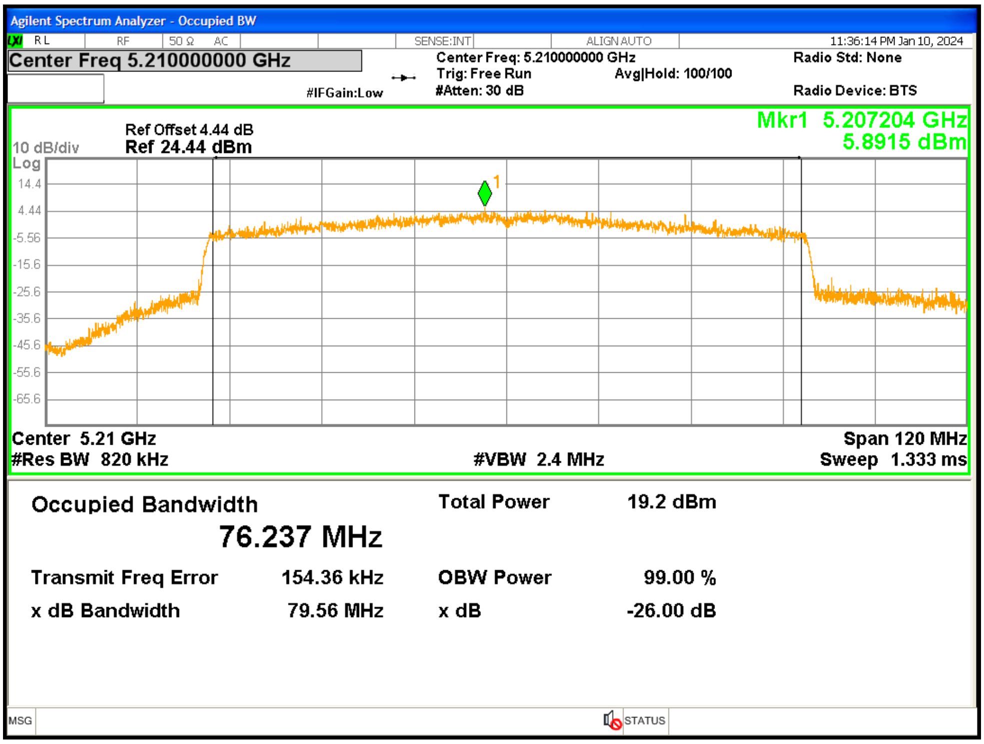

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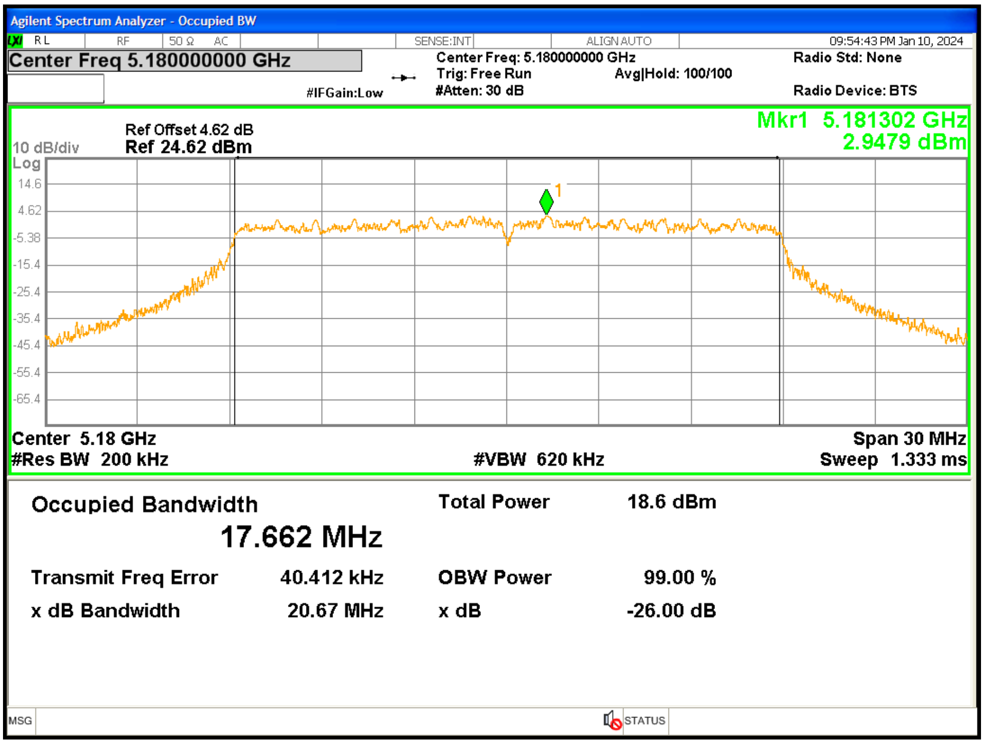

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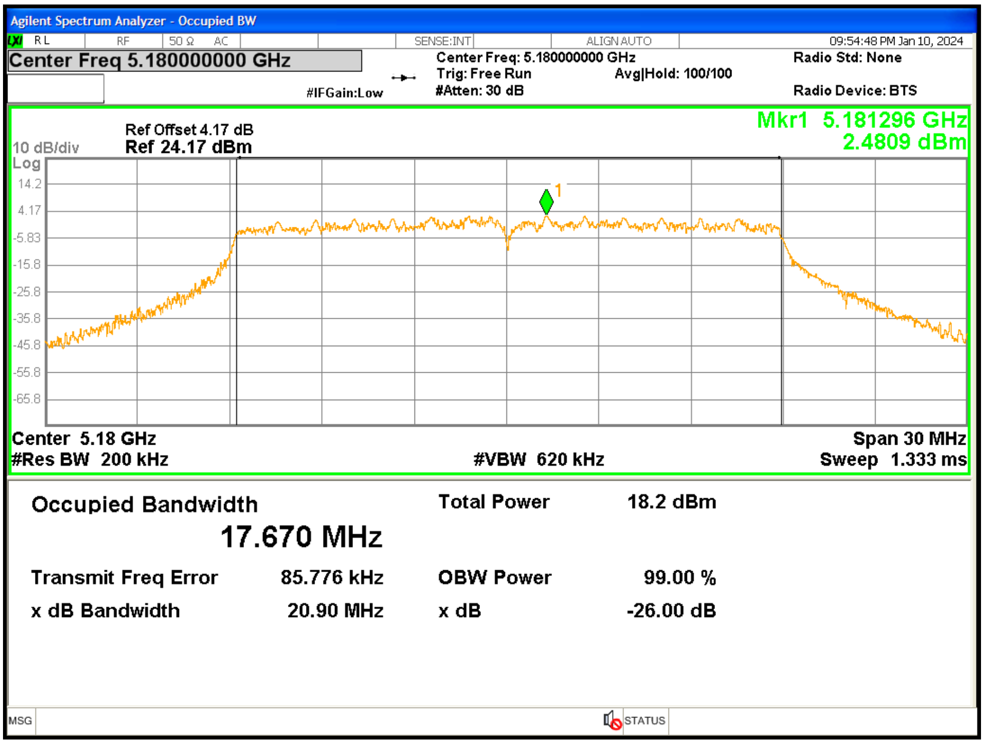

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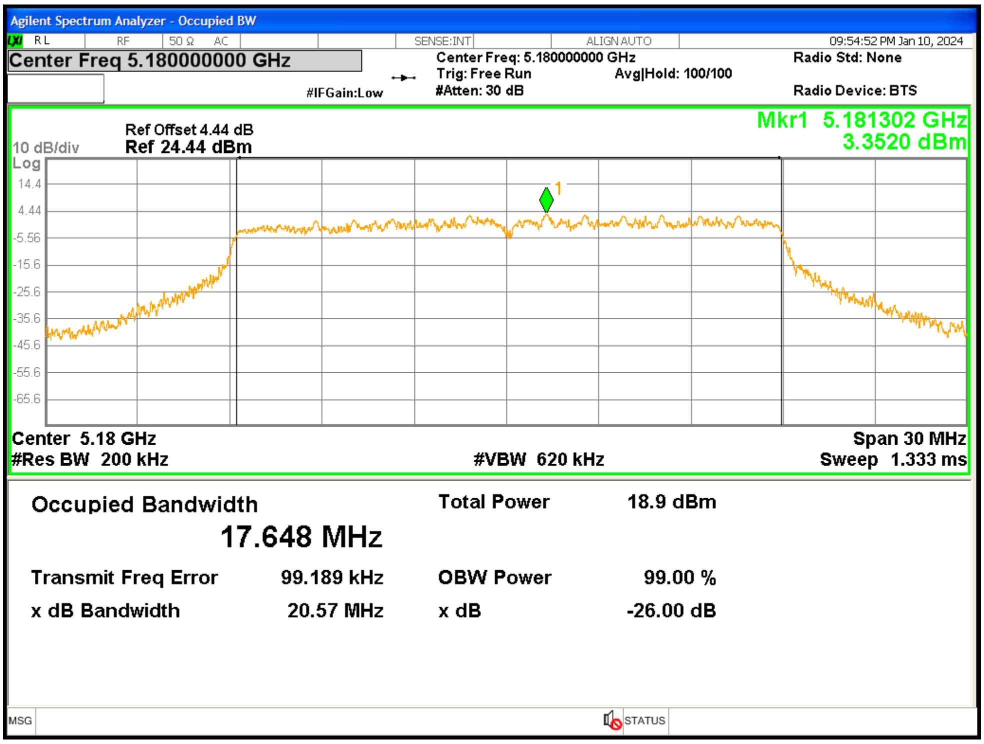

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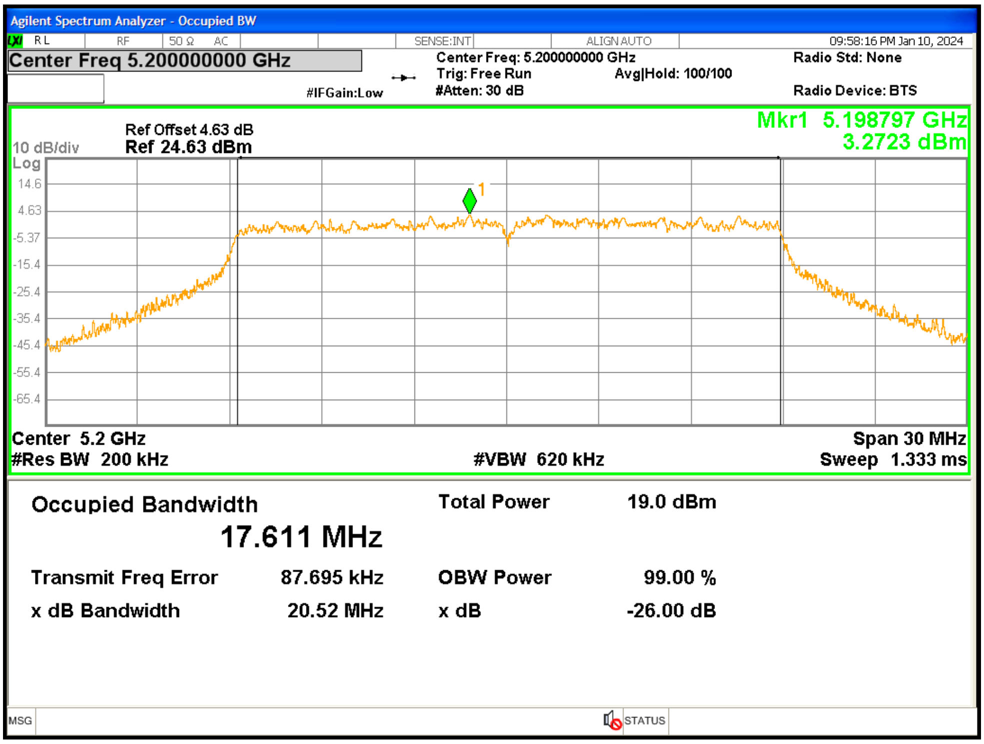

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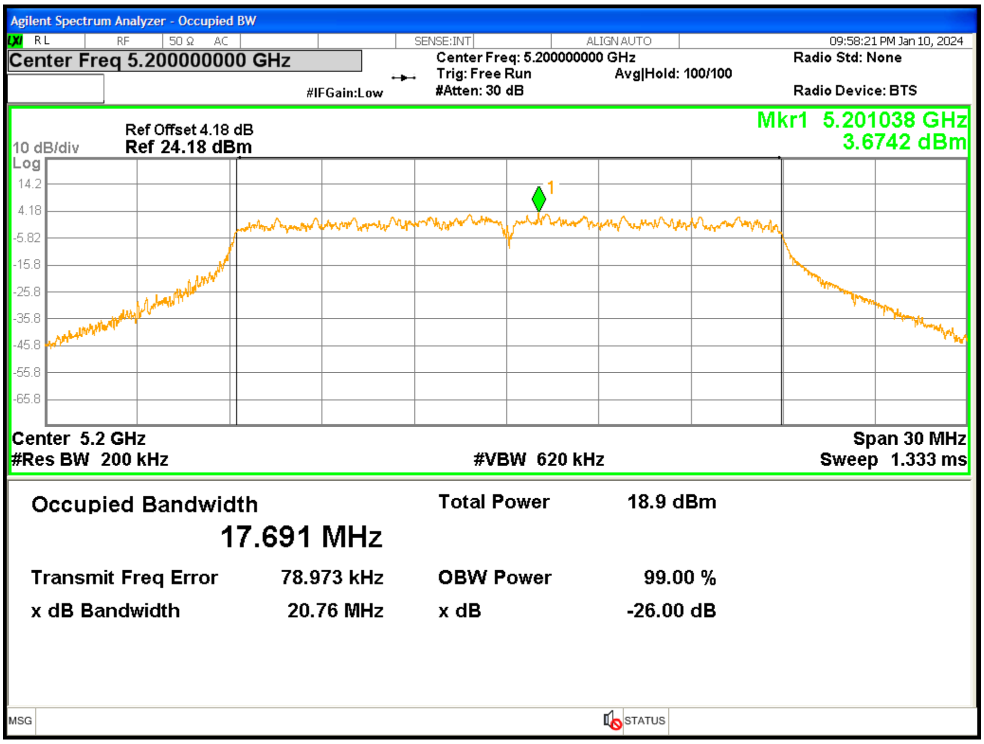

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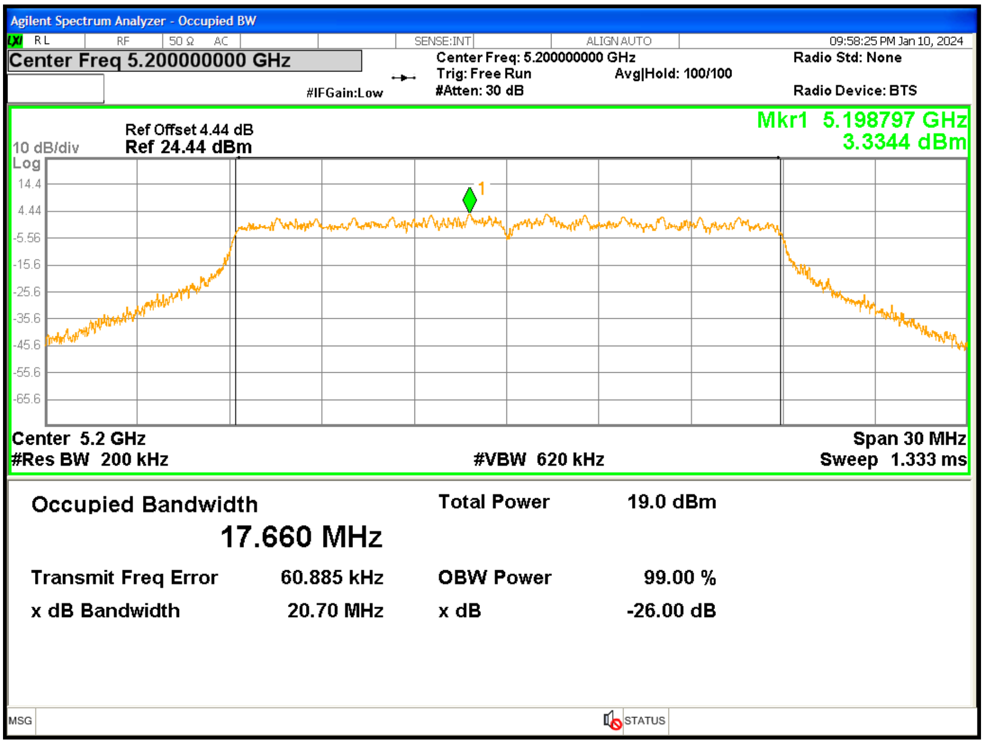

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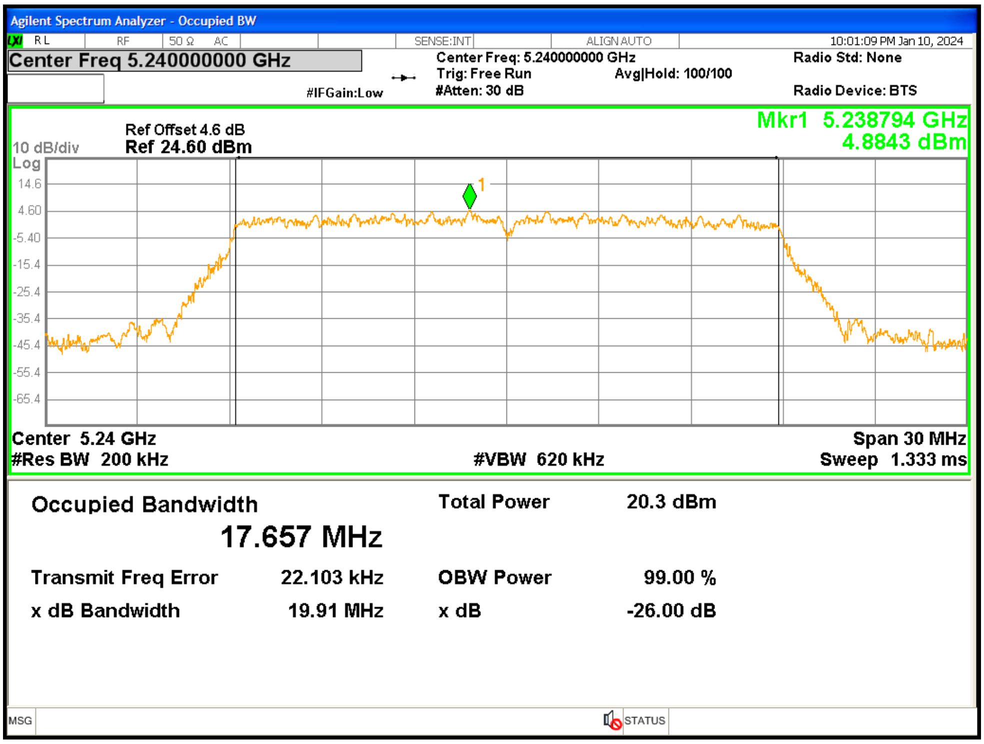

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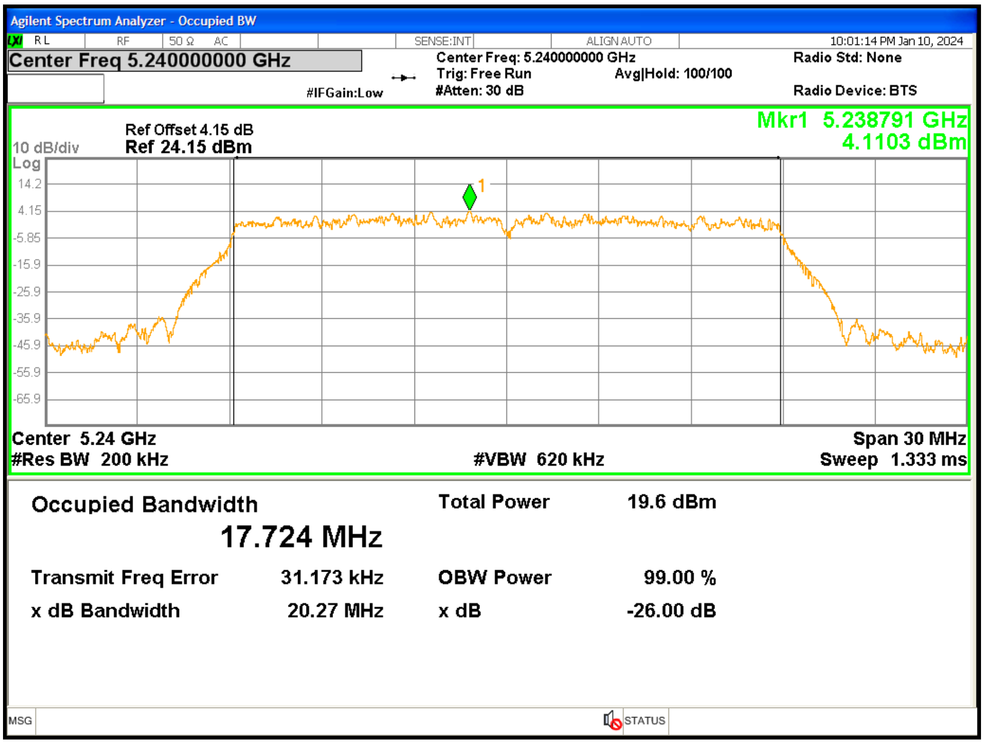

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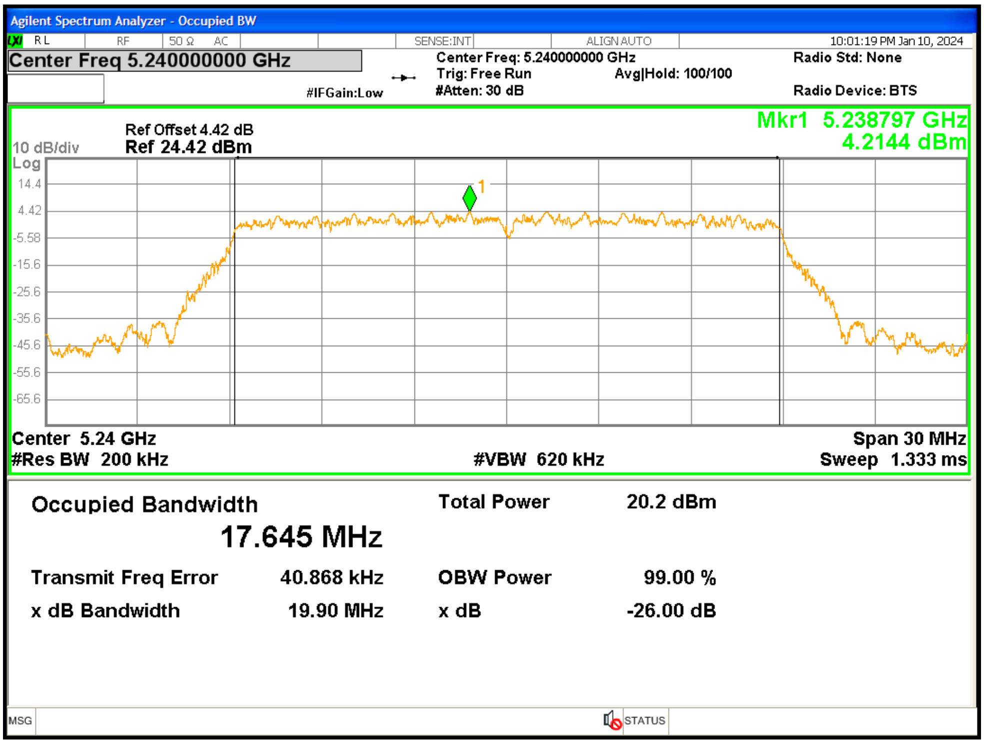

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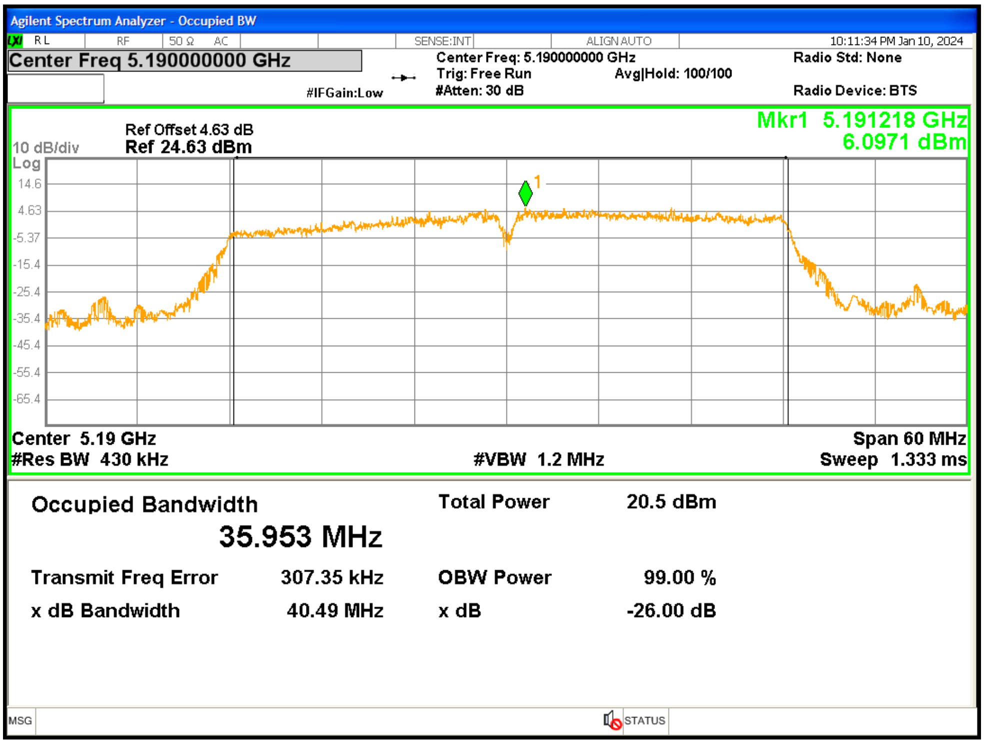

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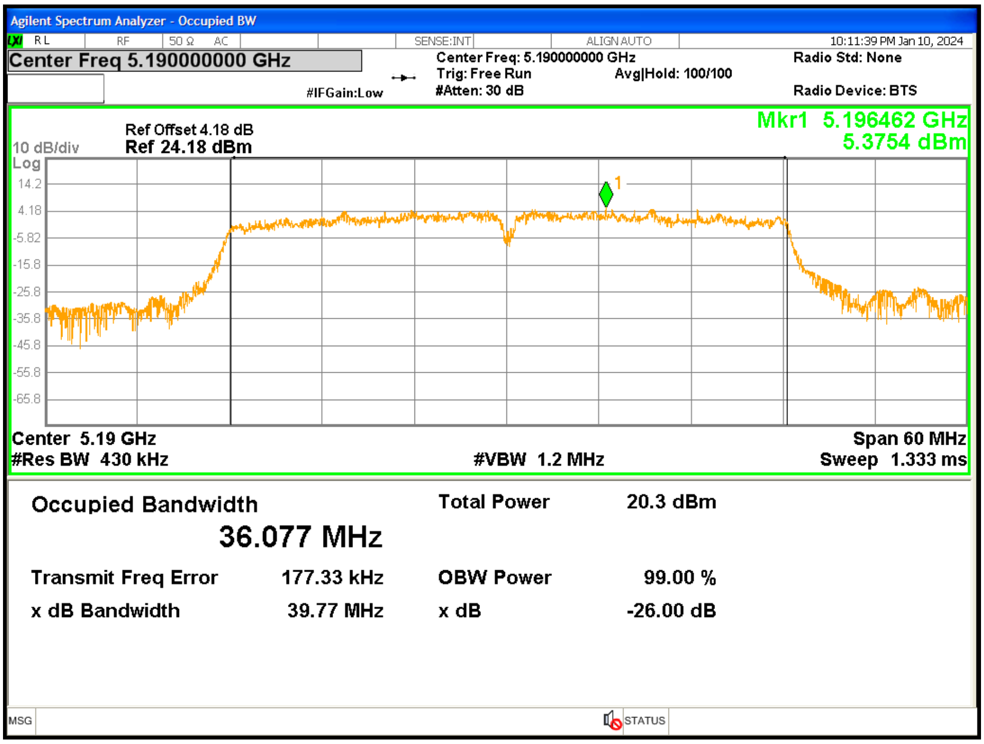

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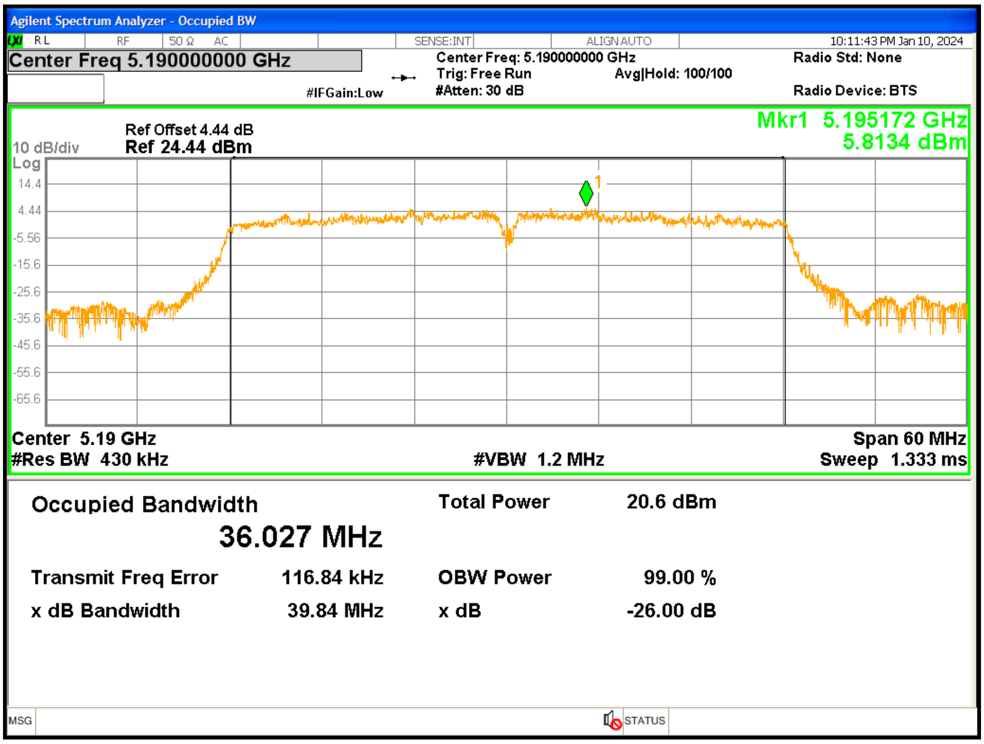
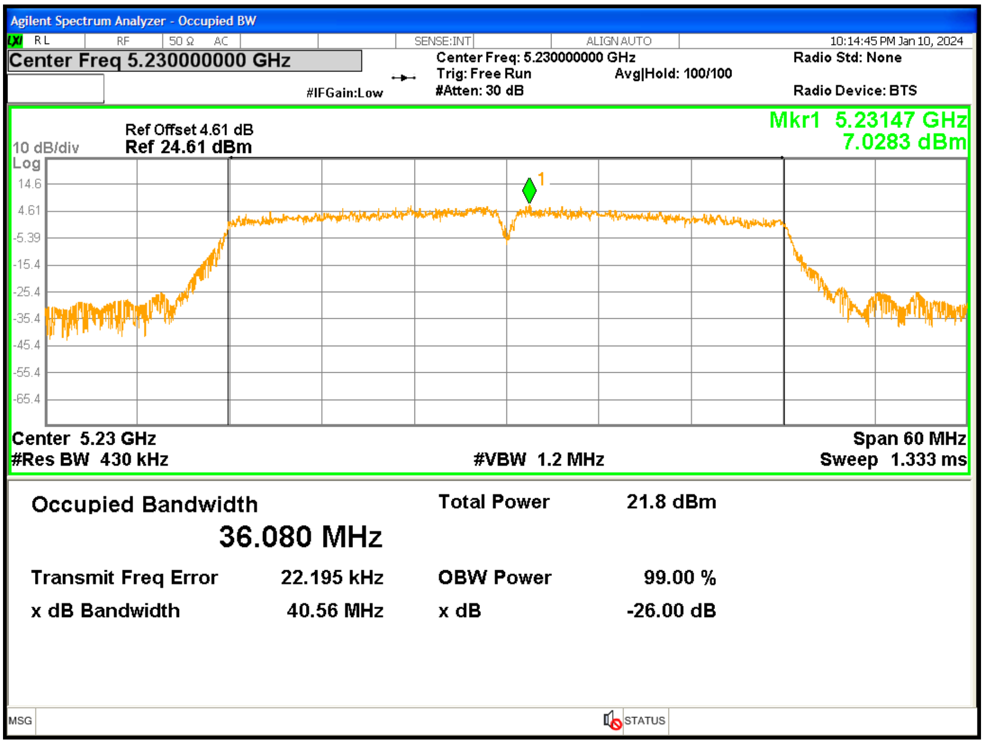


OBW NVNT n40 5230MHz Ant1



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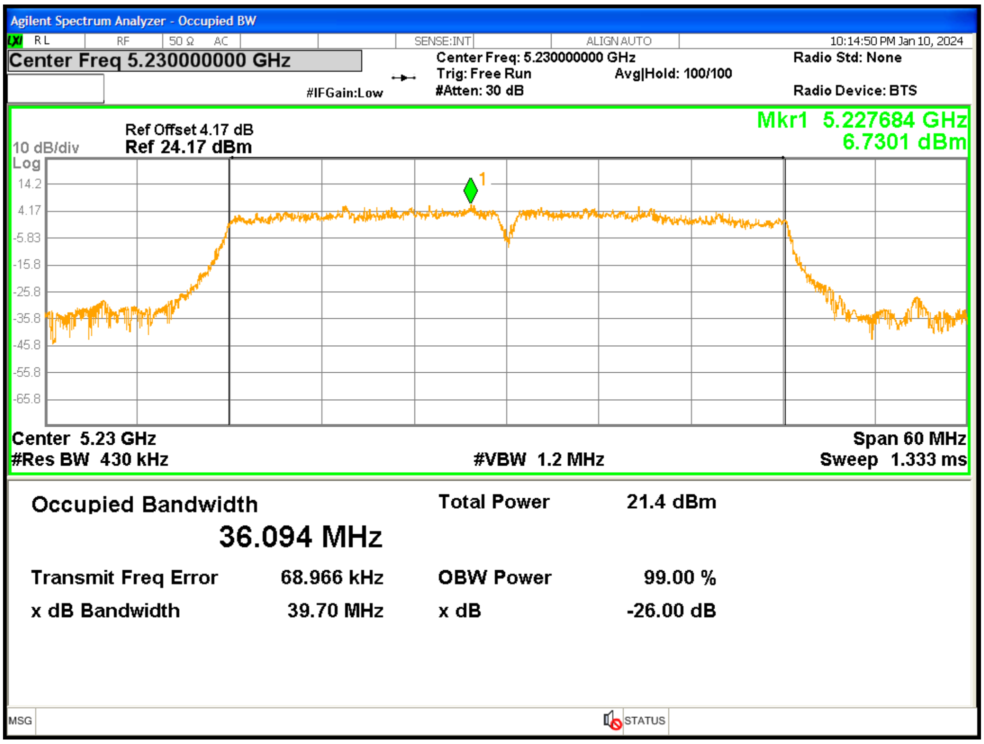

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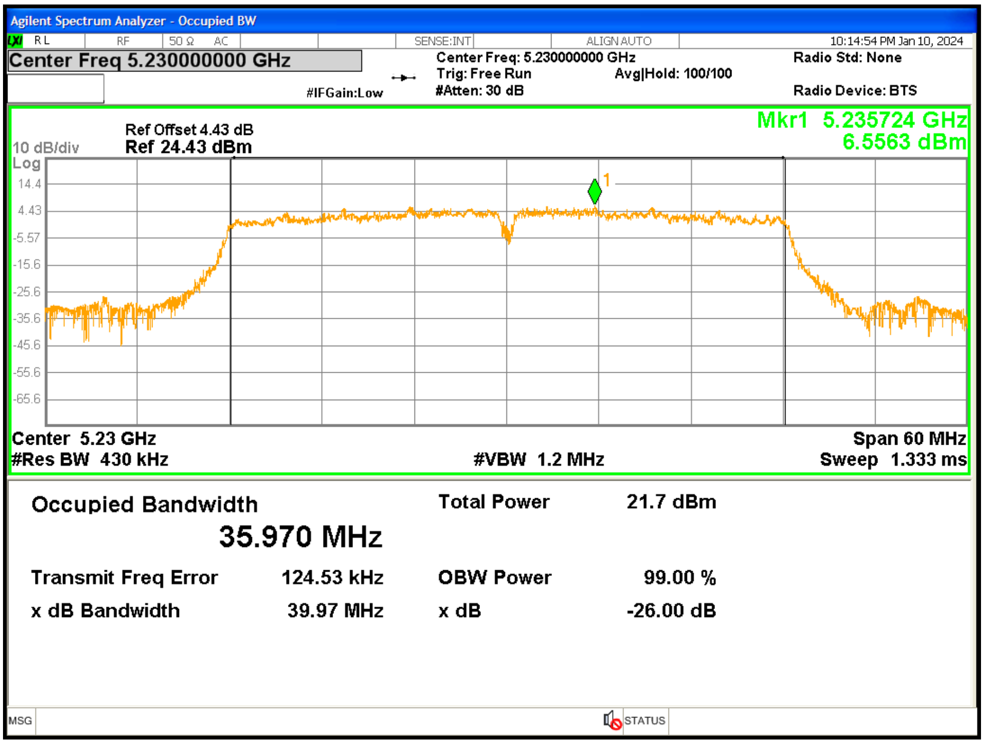


5. Maximum Power Spectral Density Level

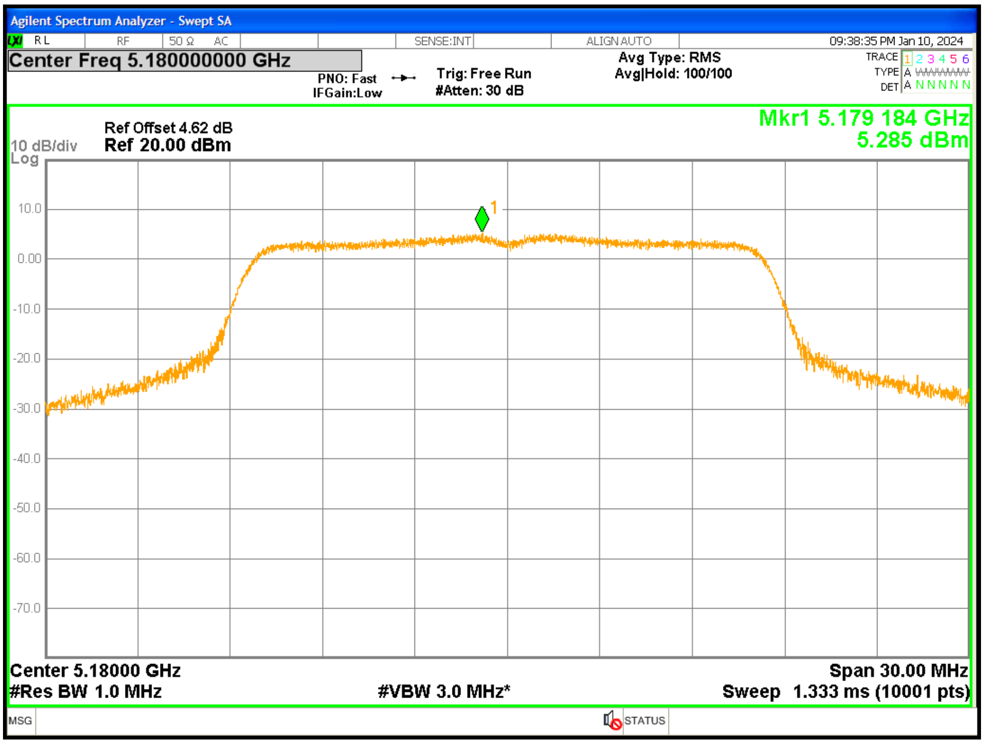
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	5.285	0.17	5.455	<=17	Pass
NVNT	a	5200	Ant1	5.105	0.17	5.275	<=17	Pass
NVNT	a	5240	Ant1	6.658	0.17	6.828	<=17	Pass
NVNT	a	5180	Ant2	4.786	0.17	4.956	<=17	Pass
NVNT	a	5200	Ant2	5.128	0.17	5.298	<=17	Pass
NVNT	a	5240	Ant2	6.075	0.17	6.245	<=17	Pass
NVNT	a	5180	Ant3	5.285	0.17	5.455	<=17	Pass
NVNT	a	5200	Ant3	5.622	0.17	5.792	<=17	Pass
NVNT	a	5240	Ant3	6.871	0.17	7.041	<=17	Pass
NVNT	ac160	5250	Ant1	-6.799	1.73	-5.069	<=17	Pass
NVNT	ac160	5250	Ant2	-8.155	1.73	-6.425	<=17	Pass
NVNT	ac160	5250	Ant3	-6.403	1.73	-4.673	<=17	Pass
NVNT	ac160	5250	Sum	-2.285	1.73	-0.555	<=15.96	Pass
NVNT	ac20	5180	Ant1	-1.076	0.48	-0.596	<=17	Pass
NVNT	ac20	5180	Ant2	-1.362	0.48	-0.882	<=17	Pass
NVNT	ac20	5180	Ant3	-0.893	0.48	-0.413	<=17	Pass
NVNT	ac20	5180	Sum	3.665	0.48	4.145	<=15.96	Pass
NVNT	ac20	5200	Ant1	-0.795	0.48	-0.315	<=17	Pass
NVNT	ac20	5200	Ant2	-0.847	0.48	-0.367	<=17	Pass
NVNT	ac20	5200	Ant3	-0.696	0.48	-0.216	<=17	Pass
NVNT	ac20	5200	Sum	3.992	0.48	4.472	<=15.96	Pass
NVNT	ac20	5240	Ant1	0.616	0.48	1.096	<=17	Pass
NVNT	ac20	5240	Ant2	-0.111	0.48	0.369	<=17	Pass
NVNT	ac20	5240	Ant3	0.759	0.48	1.239	<=17	Pass
NVNT	ac20	5240	Sum	5.209	0.48	5.689	<=15.96	Pass
NVNT	ac40	5190	Ant1	-1.132	0.84	-0.292	<=17	Pass
NVNT	ac40	5190	Ant2	-1.683	0.84	-0.843	<=17	Pass
NVNT	ac40	5190	Ant3	-1.172	0.84	-0.332	<=17	Pass
NVNT	ac40	5190	Sum	3.449	0.84	4.289	<=15.96	Pass
NVNT	ac40	5230	Ant1	-0.115	0.84	0.725	<=17	Pass
NVNT	ac40	5230	Ant2	-0.106	0.84	0.734	<=17	Pass
NVNT	ac40	5230	Ant3	-0.113	0.84	0.727	<=17	Pass
NVNT	ac40	5230	Sum	4.66	0.84	5.5	<=15.96	Pass
NVNT	ac80	5210	Ant1	-4.379	1.37	-3.009	<=17	Pass
NVNT	ac80	5210	Ant2	-4.126	1.37	-2.756	<=17	Pass
NVNT	ac80	5210	Ant3	-3.533	1.37	-2.163	<=17	Pass
NVNT	ac80	5210	Sum	0.773	1.37	2.143	<=15.96	Pass
NVNT	ax160	5250	Ant1	-6.119	1.25	-4.869	<=17	Pass
NVNT	ax160	5250	Ant2	-7.843	1.25	-6.593	<=17	Pass

NVNT	ax160	5250	Ant3	-7.312	1.25	-6.062	<=17	Pass
NVNT	ax160	5250	Sum	-2.259	1.25	-1.009	<=15.96	Pass
NVNT	ax20	5180	Ant1	-0.935	0.53	-0.405	<=17	Pass
NVNT	ax20	5180	Ant2	-1.629	0.53	-1.099	<=17	Pass
NVNT	ax20	5180	Ant3	-0.892	0.53	-0.362	<=17	Pass
NVNT	ax20	5180	Sum	3.632	0.53	4.162	<=15.96	Pass
NVNT	ax20	5200	Ant1	-0.799	0.53	-0.269	<=17	Pass
NVNT	ax20	5200	Ant2	-1.053	0.53	-0.523	<=17	Pass
NVNT	ax20	5200	Ant3	-0.661	0.53	-0.131	<=17	Pass
NVNT	ax20	5200	Sum	3.937	0.53	4.467	<=15.96	Pass
NVNT	ax20	5240	Ant1	0.81	0.53	1.34	<=17	Pass
NVNT	ax20	5240	Ant2	0.132	0.53	0.662	<=17	Pass
NVNT	ax20	5240	Ant3	0.557	0.53	1.087	<=17	Pass
NVNT	ax20	5240	Sum	5.28	0.53	5.81	<=15.96	Pass
NVNT	ax40	5190	Ant1	-1.233	0.81	-0.423	<=17	Pass
NVNT	ax40	5190	Ant2	-1.213	0.81	-0.403	<=17	Pass
NVNT	ax40	5190	Ant3	-1.065	0.81	-0.255	<=17	Pass
NVNT	ax40	5190	Sum	3.602	0.81	4.412	<=15.96	Pass
NVNT	ax40	5230	Ant1	-0.094	0.82	0.726	<=17	Pass
NVNT	ax40	5230	Ant2	-0.37	0.82	0.45	<=17	Pass
NVNT	ax40	5230	Ant3	-0.088	0.82	0.732	<=17	Pass
NVNT	ax40	5230	Sum	4.589	0.82	5.409	<=15.96	Pass
NVNT	ax80	5210	Ant1	-3.627	1.15	-2.477	<=17	Pass
NVNT	ax80	5210	Ant2	-3.924	1.15	-2.774	<=17	Pass
NVNT	ax80	5210	Ant3	-3.303	1.15	-2.153	<=17	Pass
NVNT	ax80	5210	Sum	1.161	1.15	2.311	<=15.96	Pass
NVNT	n20	5180	Ant1	0.304	0.18	0.484	<=17	Pass
NVNT	n20	5180	Ant2	-0.191	0.18	-0.011	<=17	Pass
NVNT	n20	5180	Ant3	0.778	0.18	0.958	<=17	Pass
NVNT	n20	5180	Sum	5.086	0.18	5.266	<=15.96	Pass
NVNT	n20	5200	Ant1	0.507	0.18	0.687	<=17	Pass
NVNT	n20	5200	Ant2	0.625	0.18	0.805	<=17	Pass
NVNT	n20	5200	Ant3	0.614	0.18	0.794	<=17	Pass
NVNT	n20	5200	Sum	5.354	0.18	5.534	<=15.96	Pass
NVNT	n20	5240	Ant1	1.715	0.18	1.895	<=17	Pass
NVNT	n20	5240	Ant2	1.335	0.18	1.515	<=17	Pass
NVNT	n20	5240	Ant3	1.587	0.18	1.767	<=17	Pass
NVNT	n20	5240	Sum	6.32	0.18	6.5	<=15.96	Pass
NVNT	n40	5190	Ant1	-0.057	0.36	0.303	<=17	Pass
NVNT	n40	5190	Ant2	-0.715	0.36	-0.355	<=17	Pass
NVNT	n40	5190	Ant3	-0.81	0.36	-0.45	<=17	Pass
NVNT	n40	5190	Sum	4.257	0.36	4.617	<=15.96	Pass
NVNT	n40	5230	Ant1	0.582	0.36	0.942	<=17	Pass
NVNT	n40	5230	Ant2	-0.018	0.36	0.342	<=17	Pass

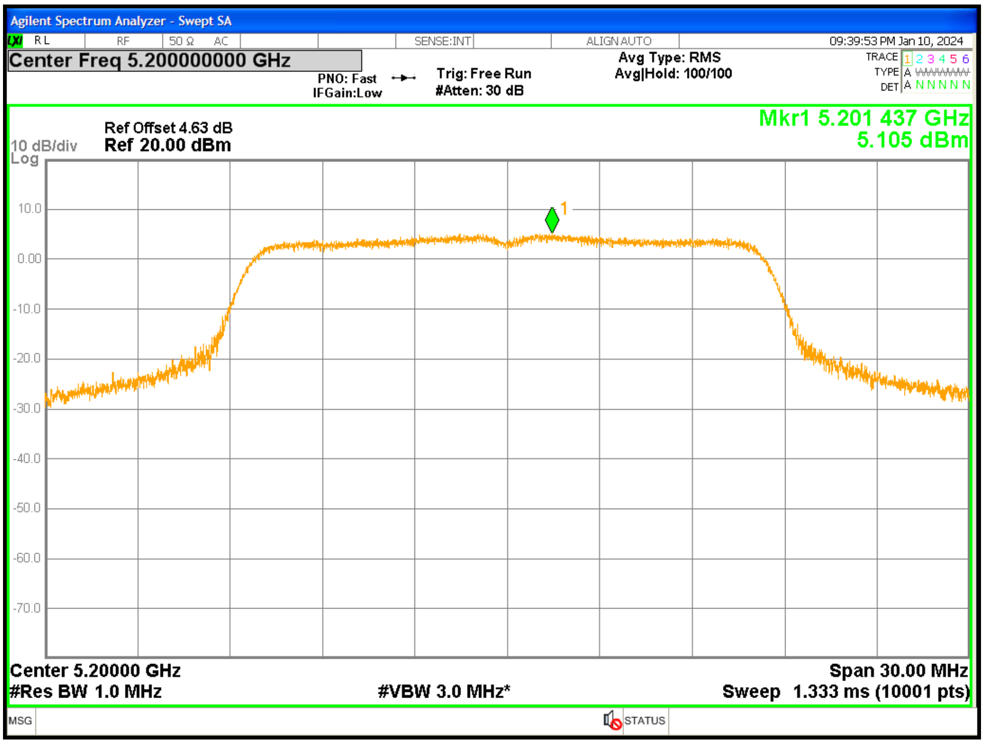
NVNT	n40	5230	Ant3	0.971	0.36	1.331	<=17	Pass
NVNT	n40	5230	Sum	5.302	0.36	5.662	<=15.96	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



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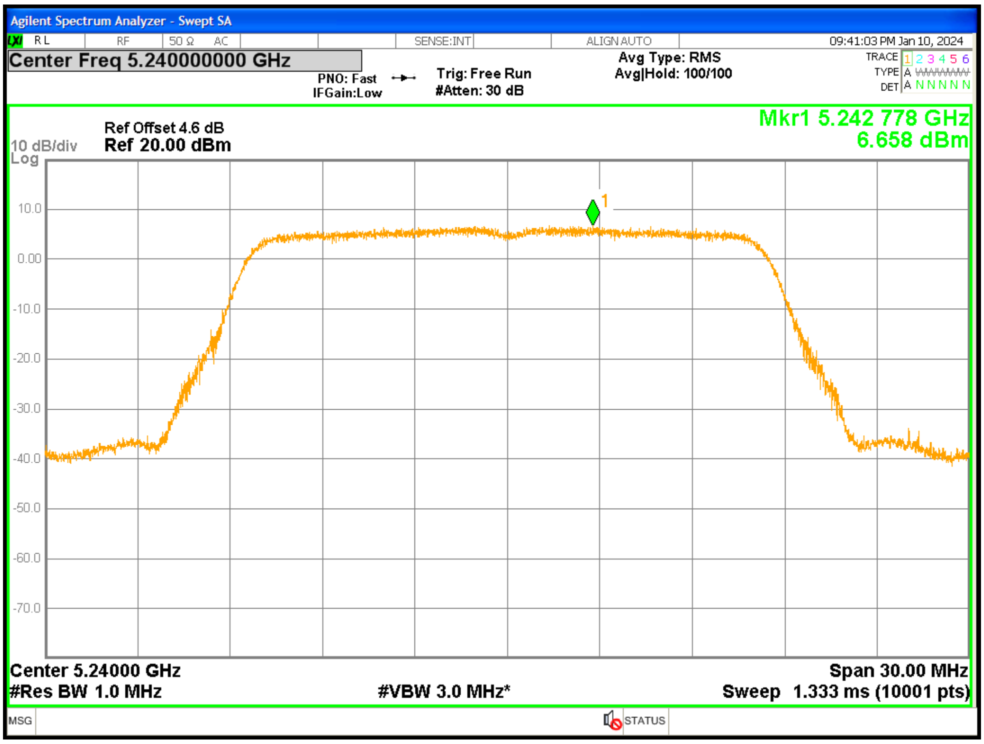

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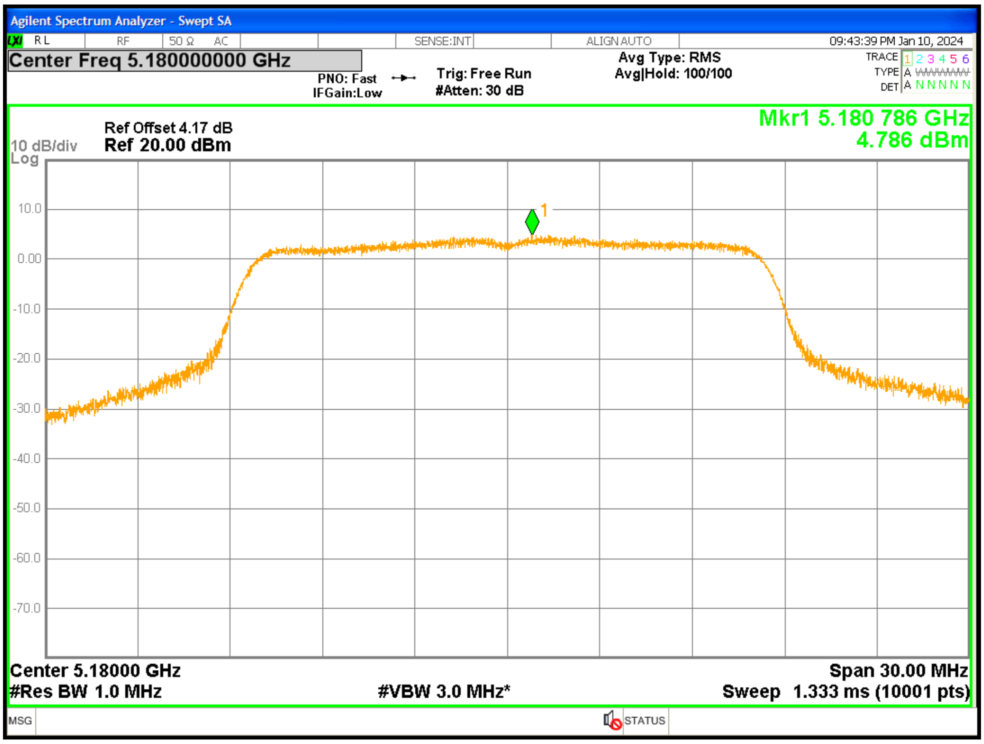

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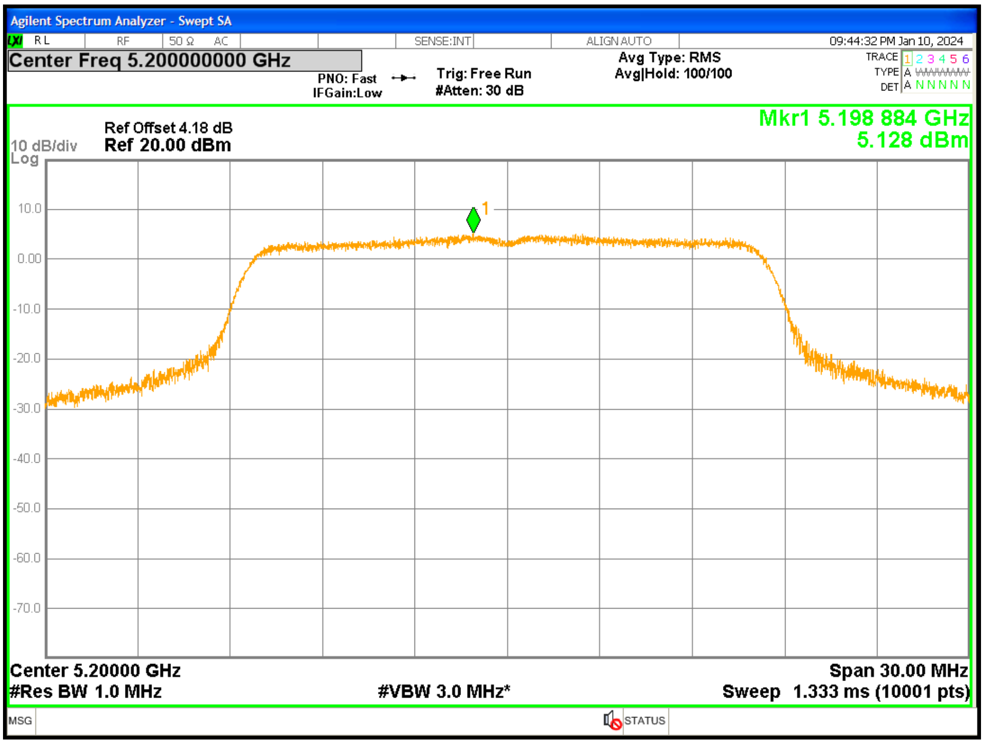

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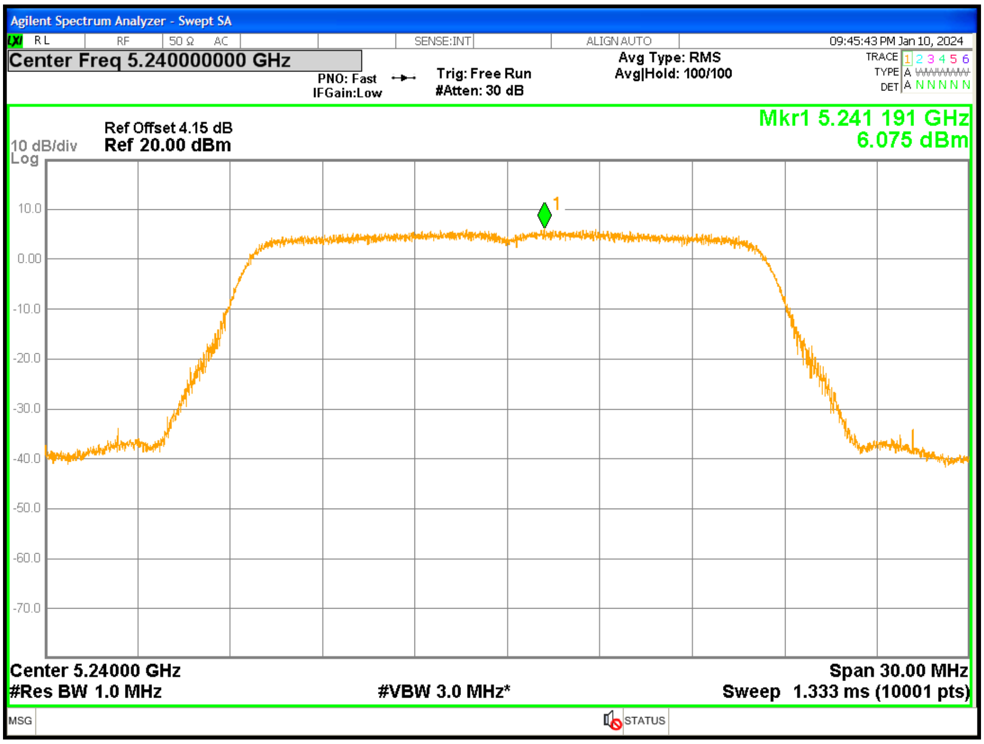

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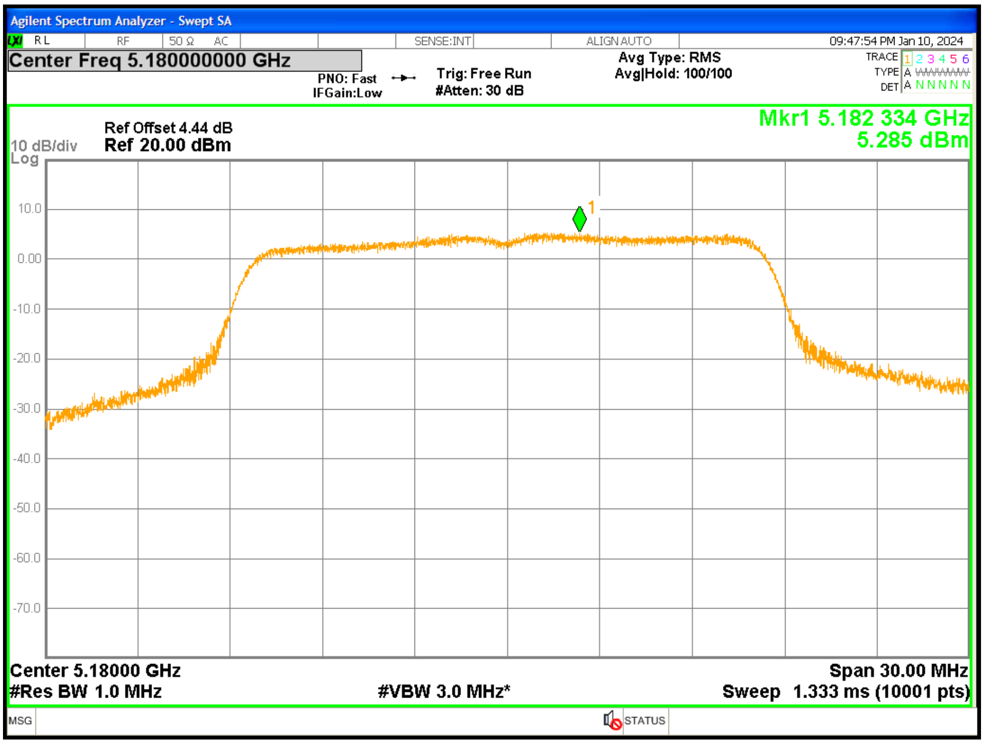

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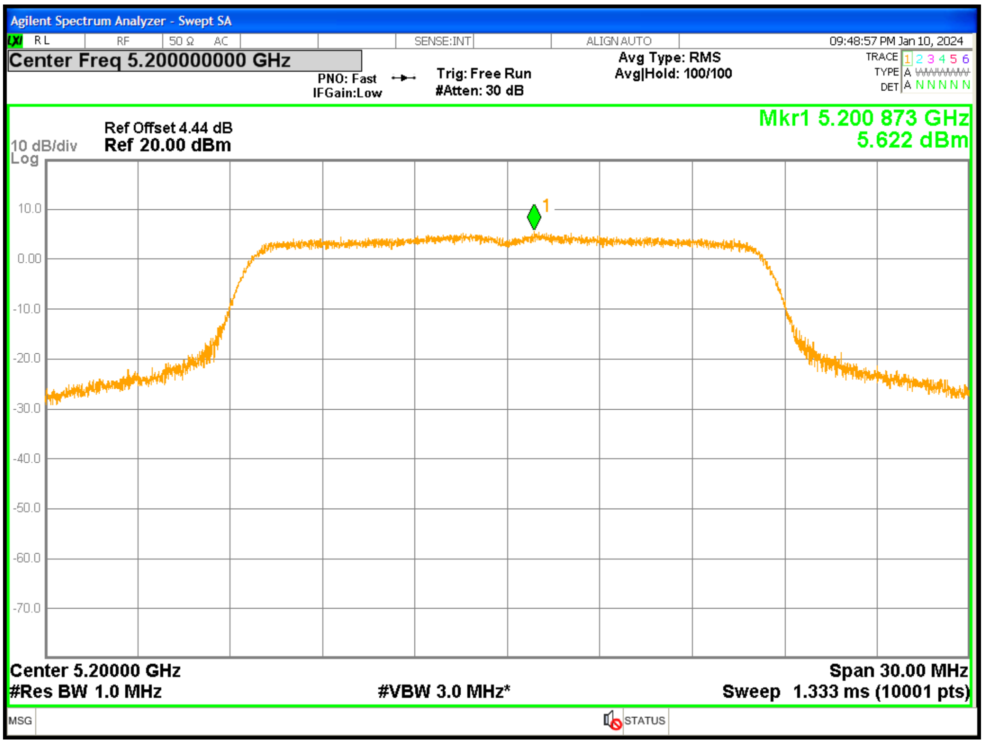
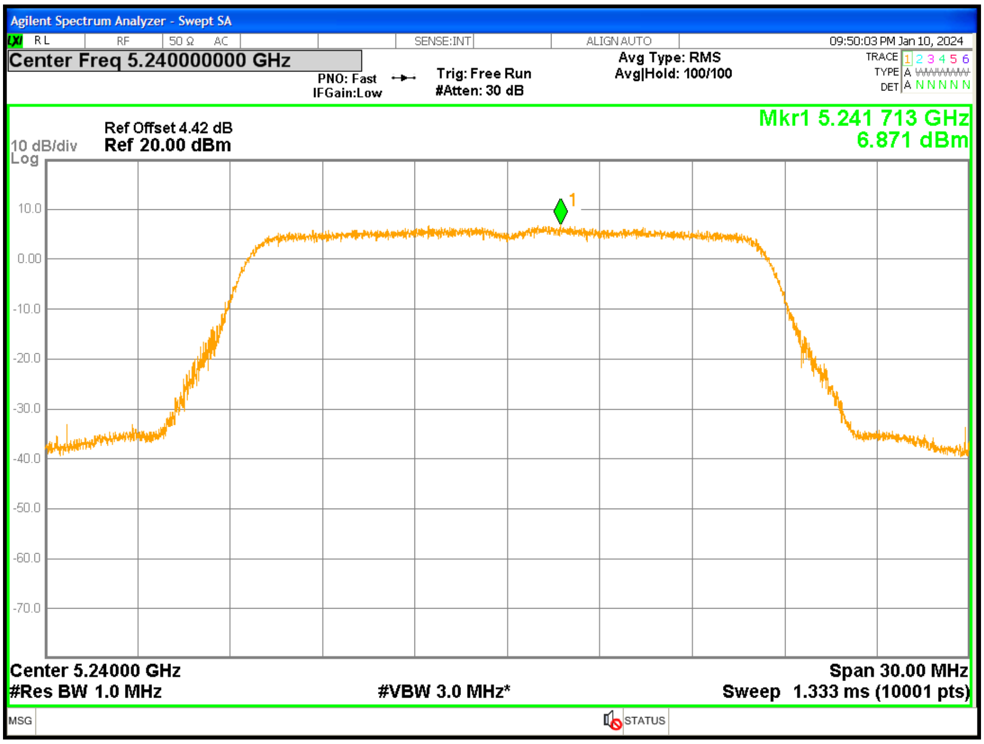


PSD NVNT a 5240MHz Ant3



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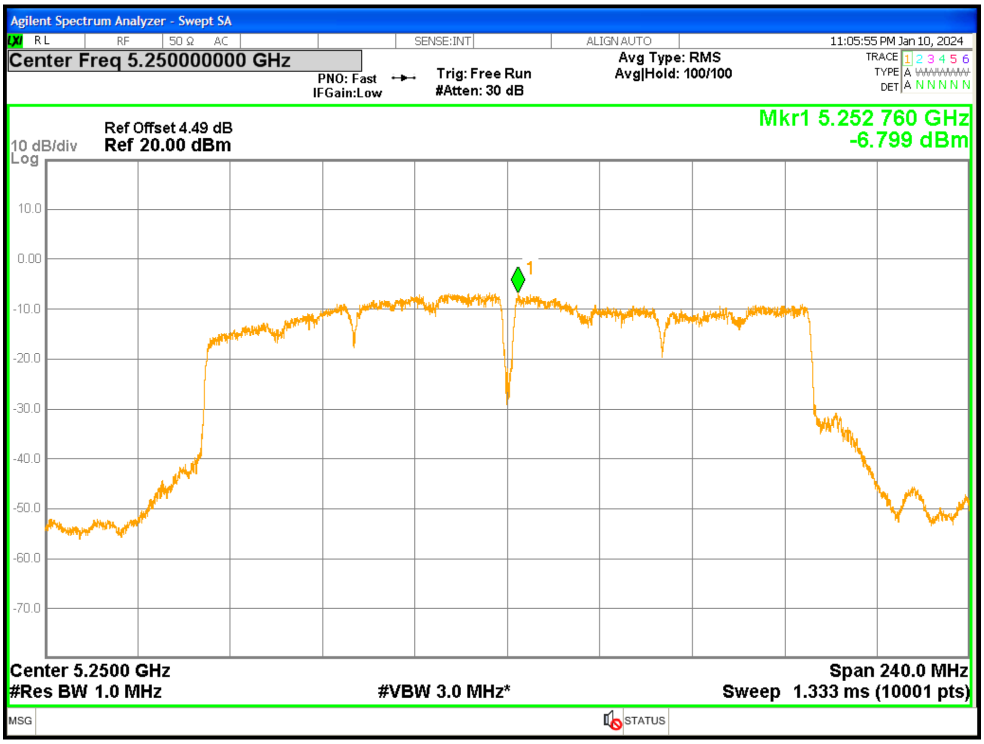

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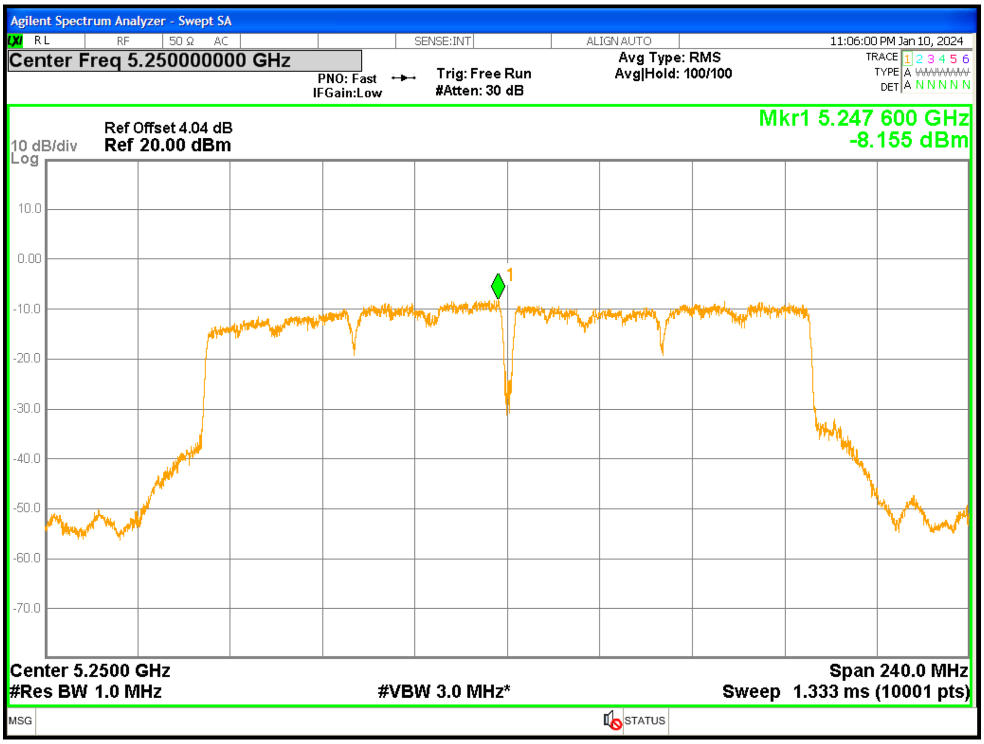

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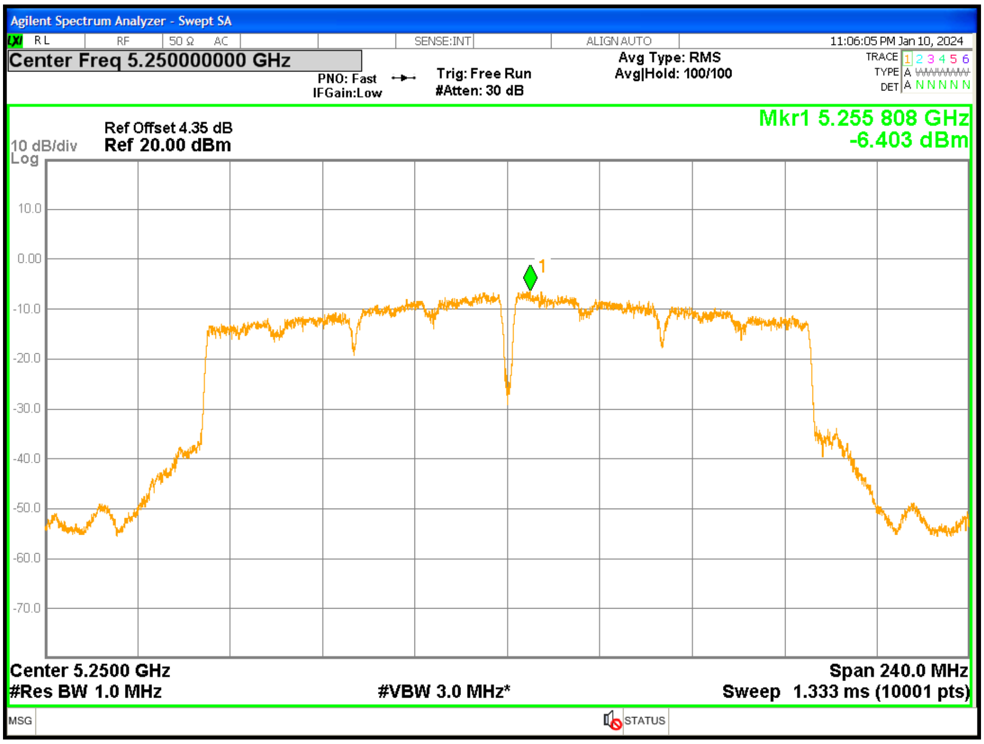
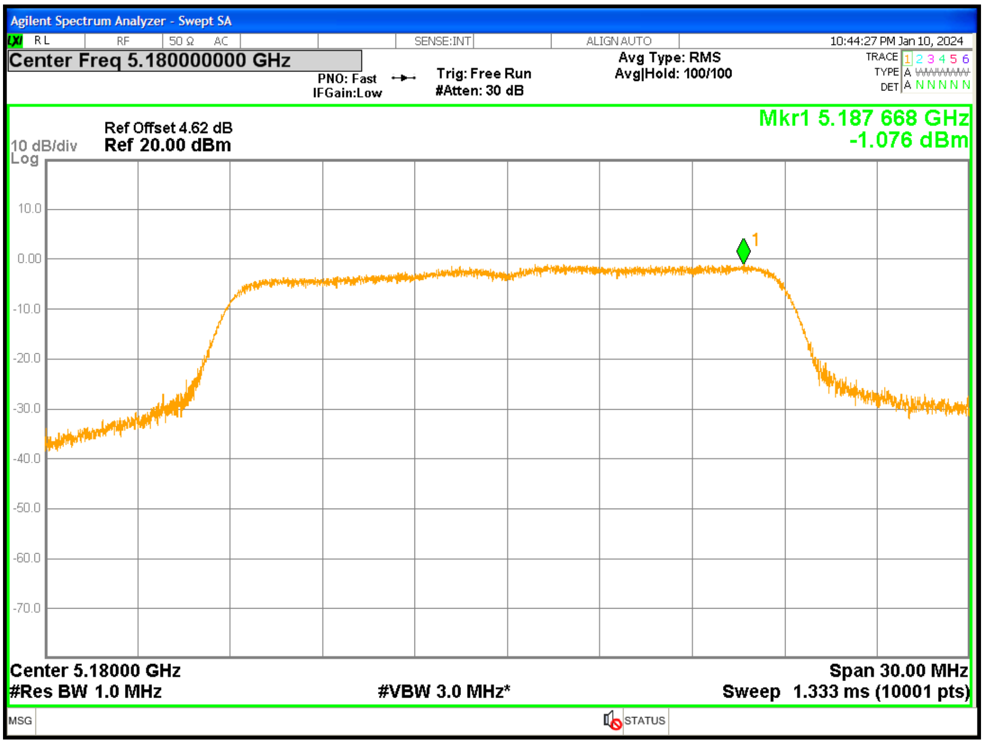


PSD NVNT ac20 5180MHz Ant1



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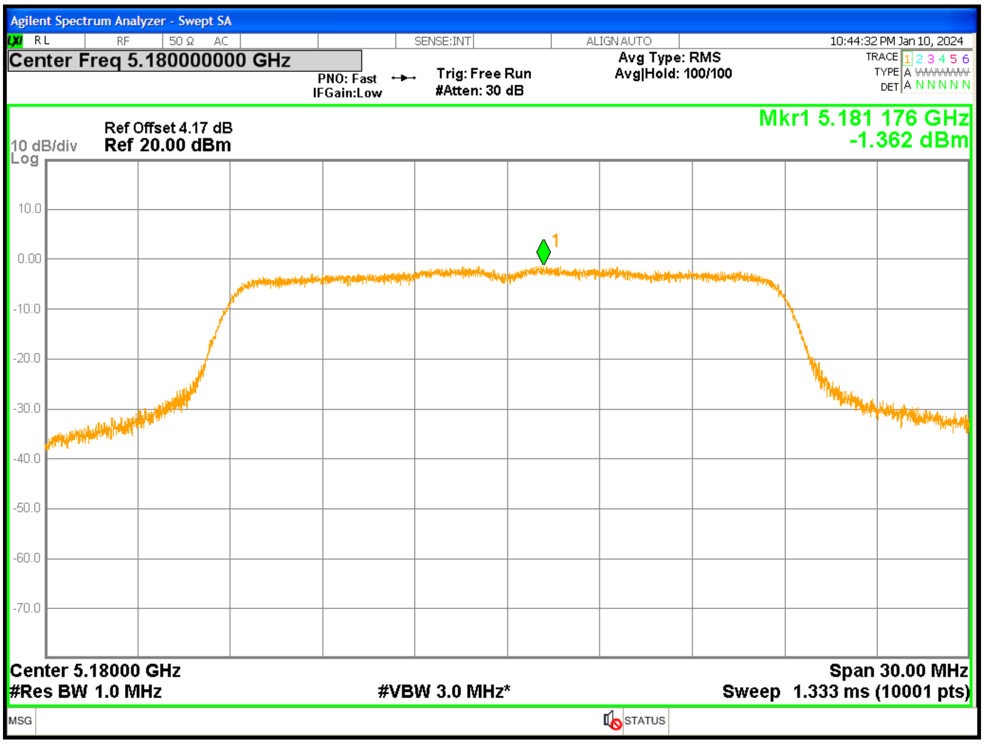

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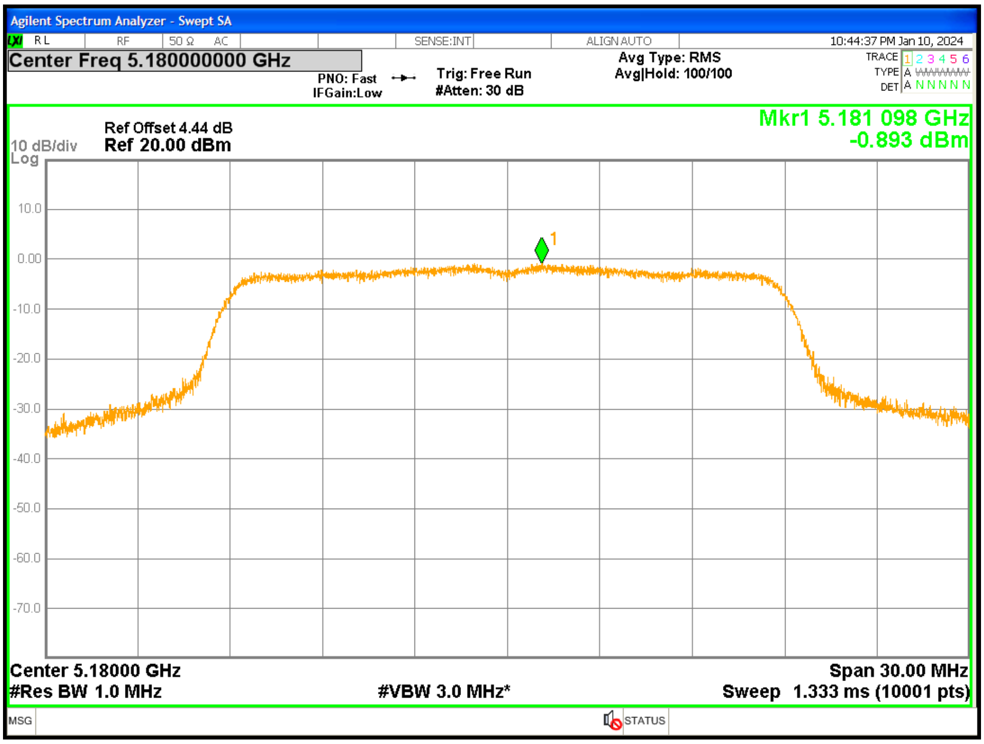
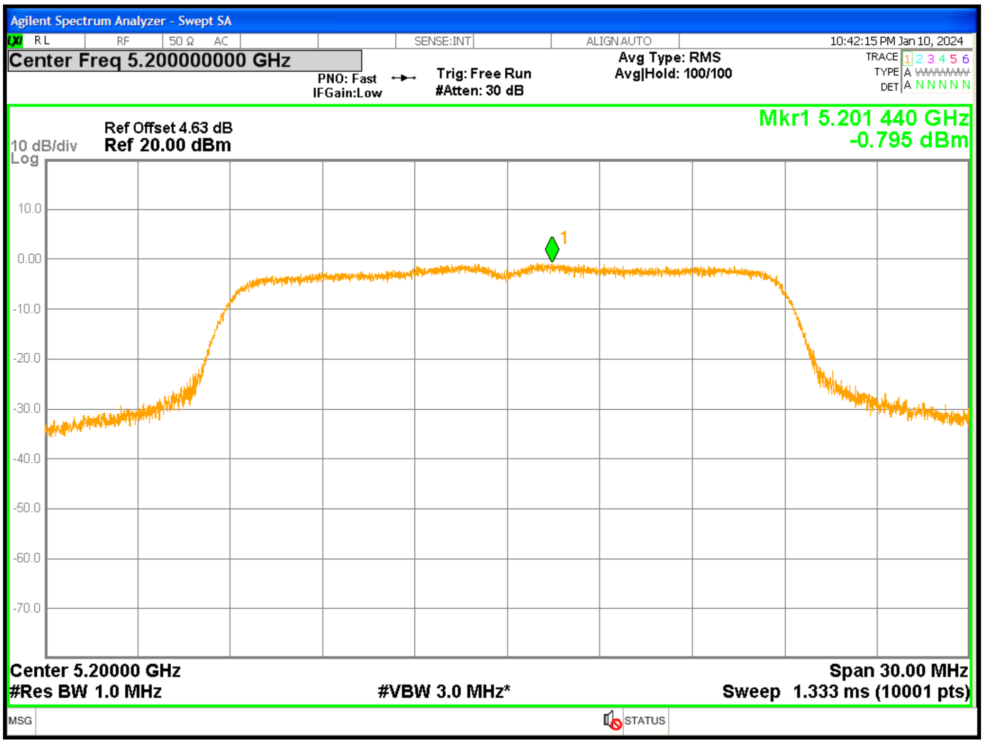
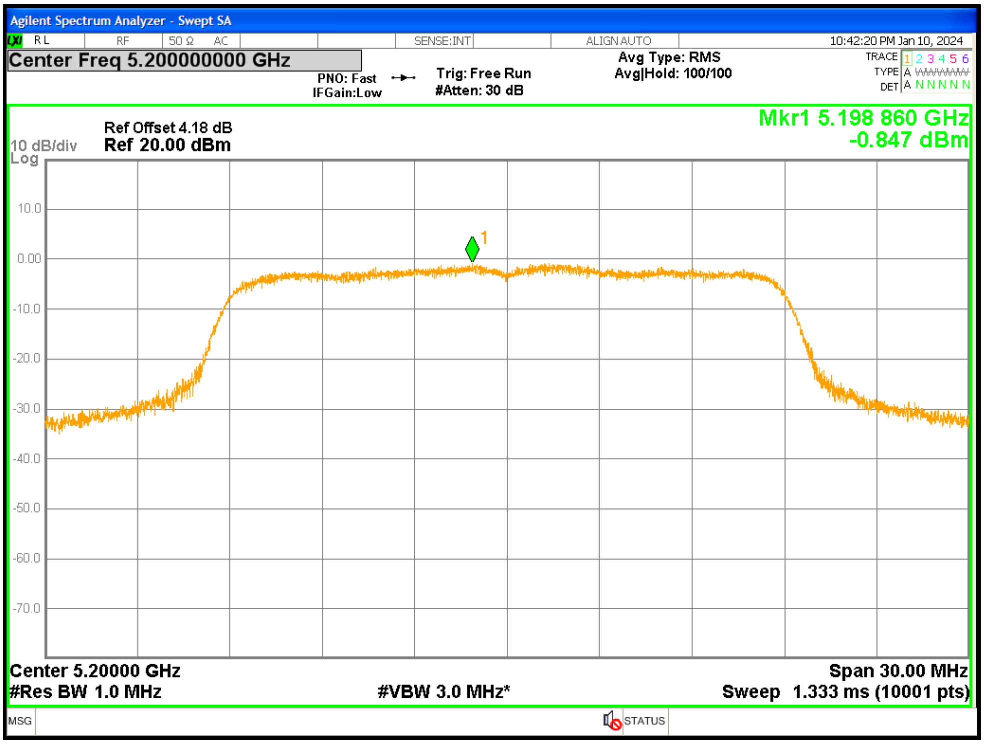


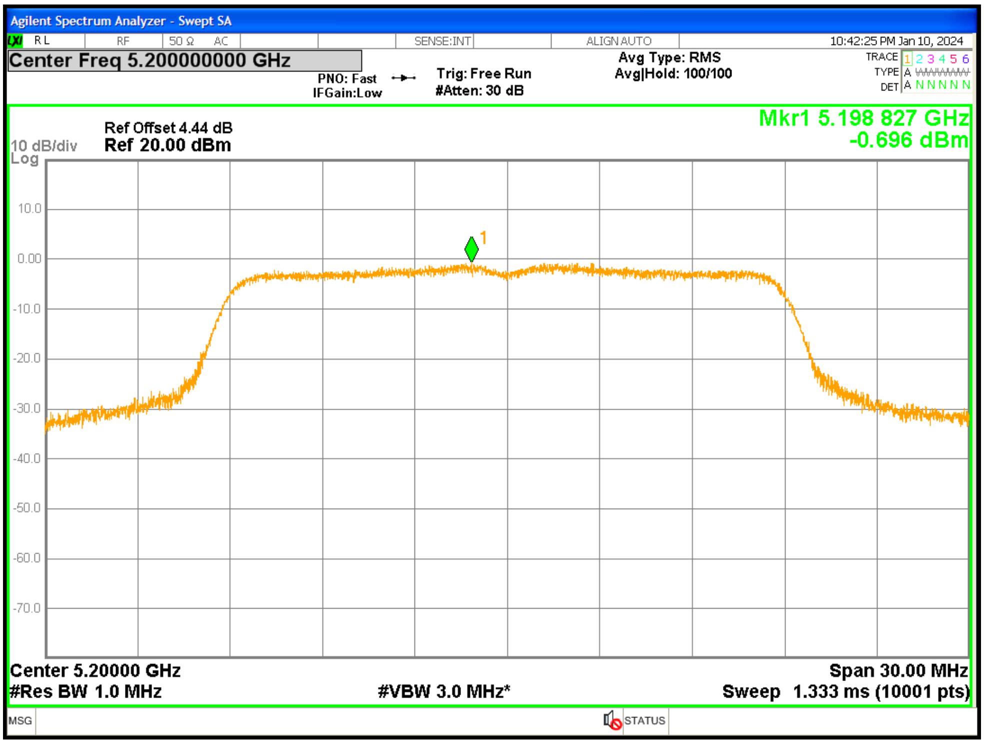
PSD NVNT ac20 5200MHz Ant1



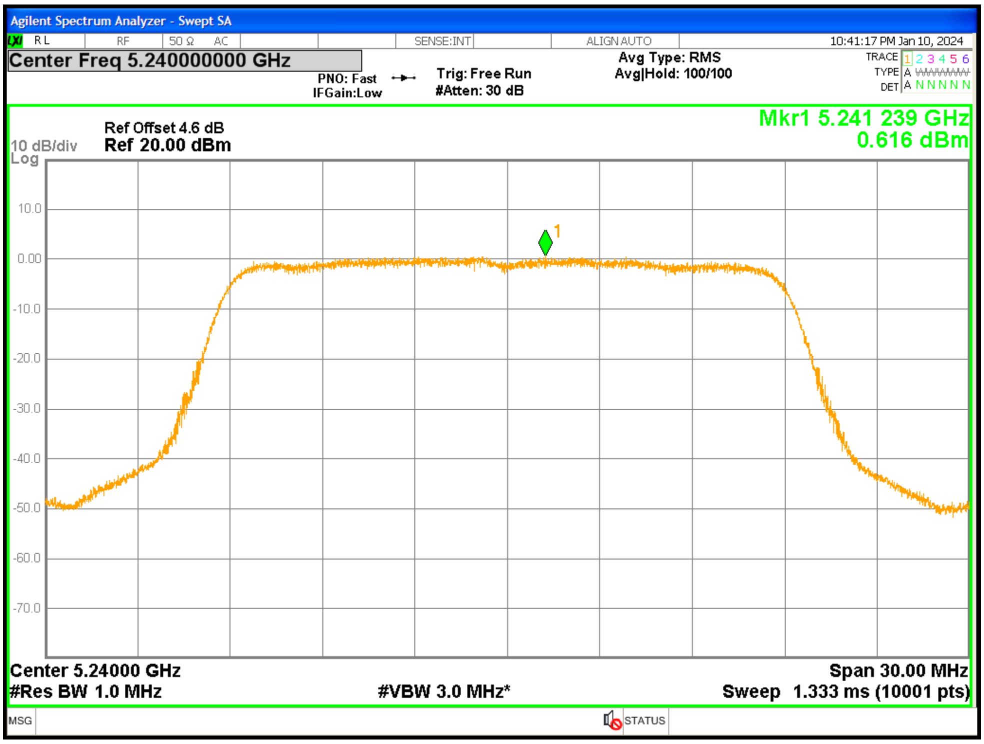
PSD NVNT ac20 5200MHz Ant2



PSD NVNT ac20 5200MHz Ant3



PSD NVNT ac20 5240MHz Ant1



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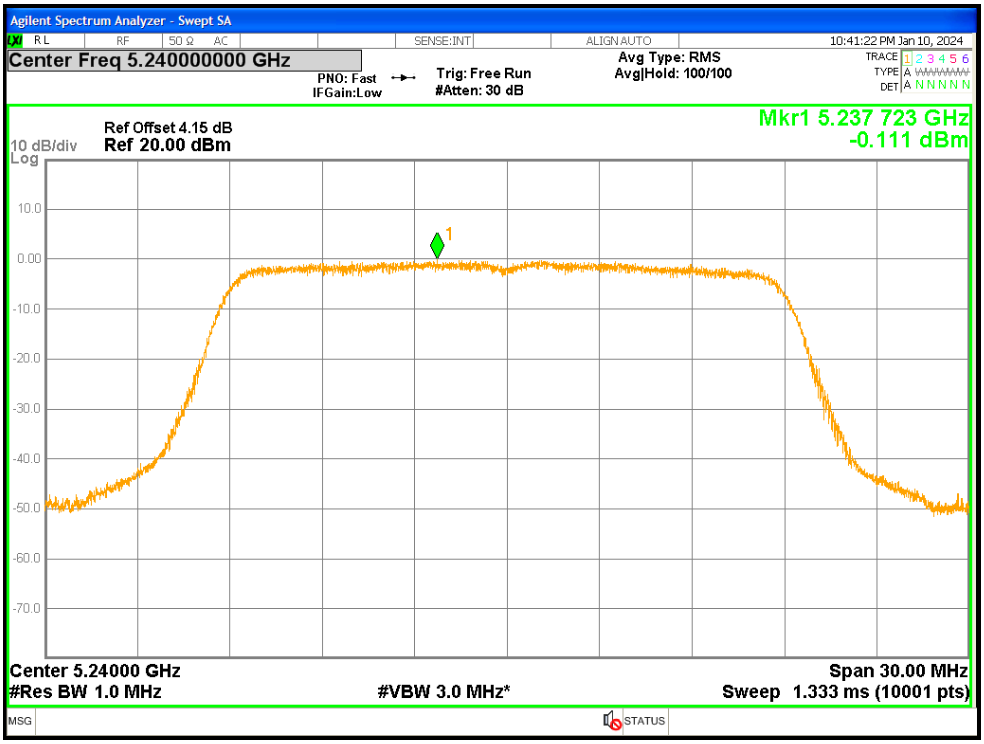

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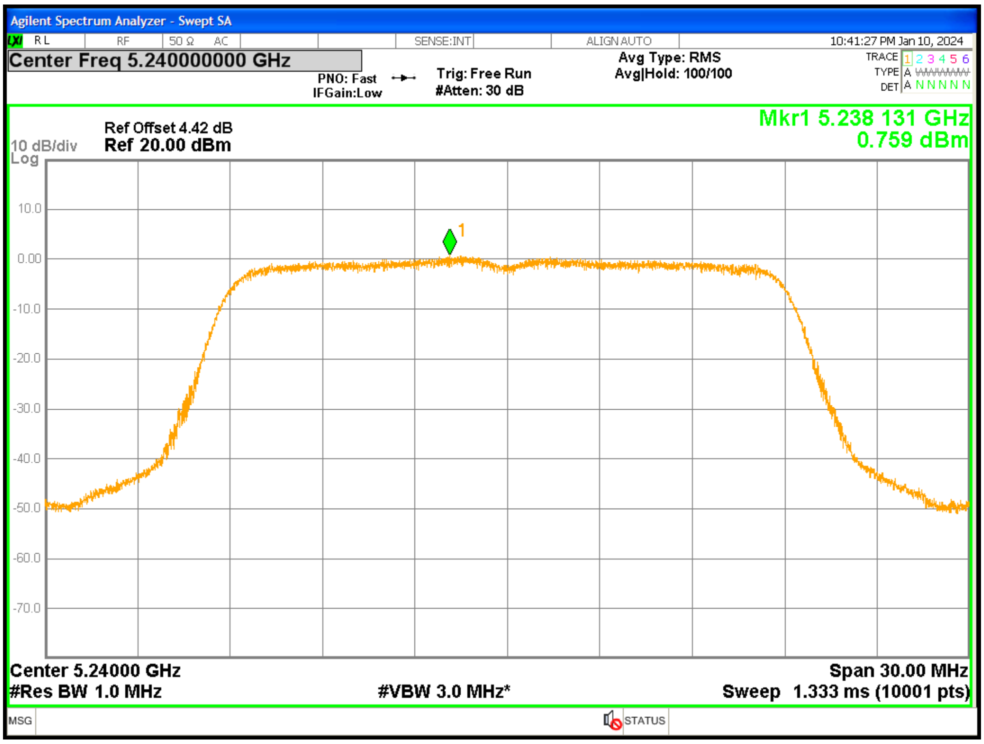
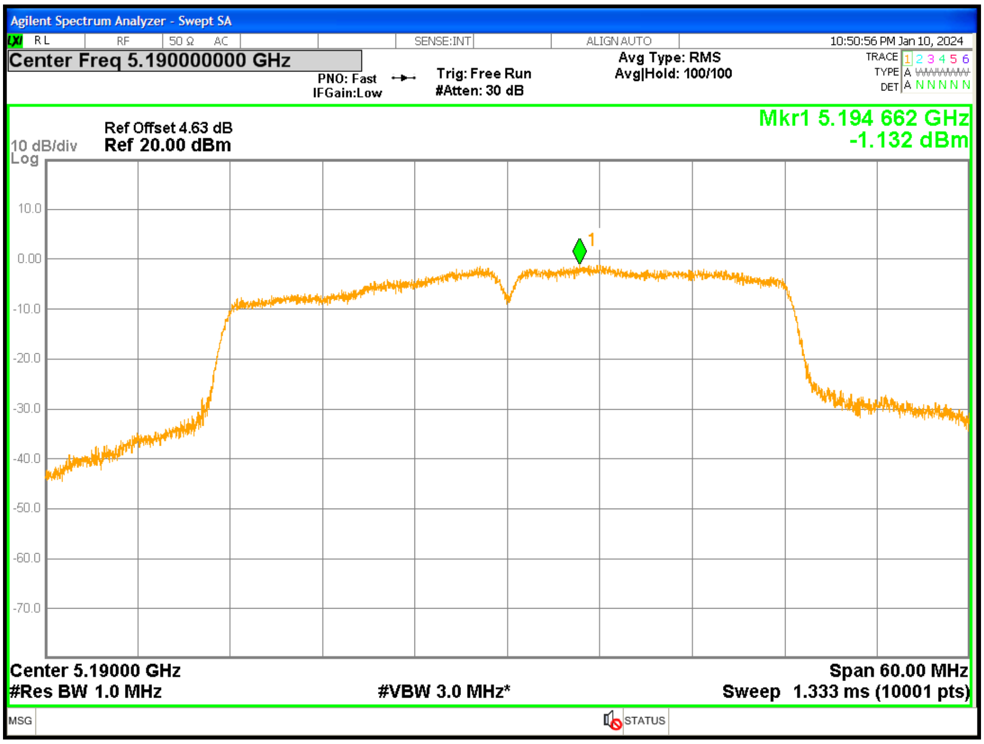


PSD NVNT ac40 5190MHz Ant1



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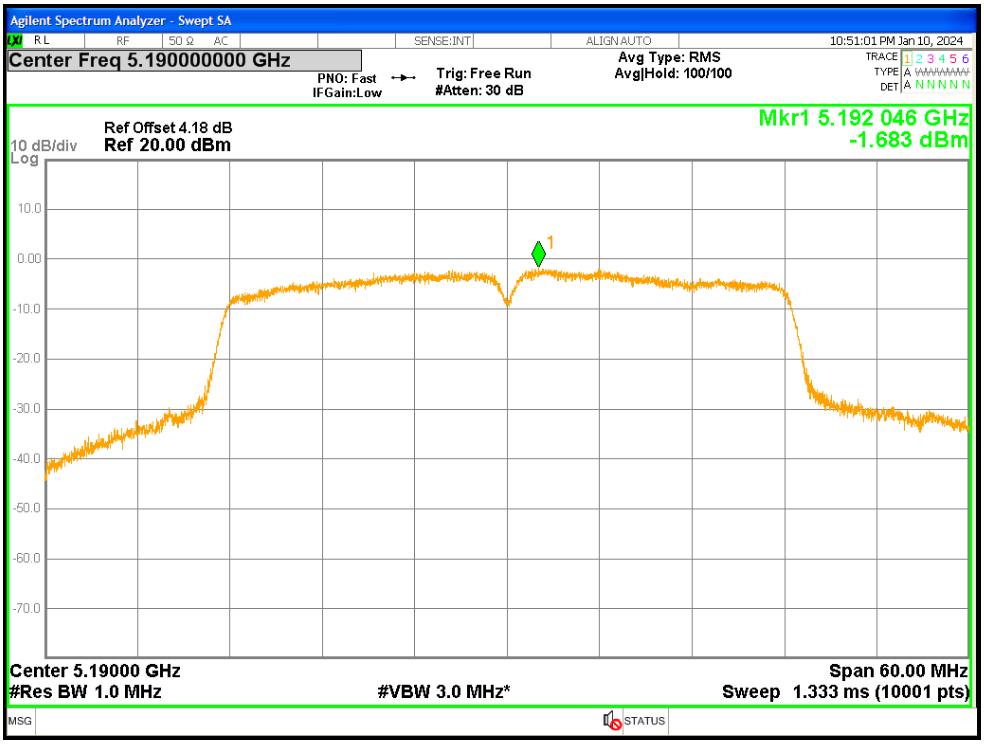

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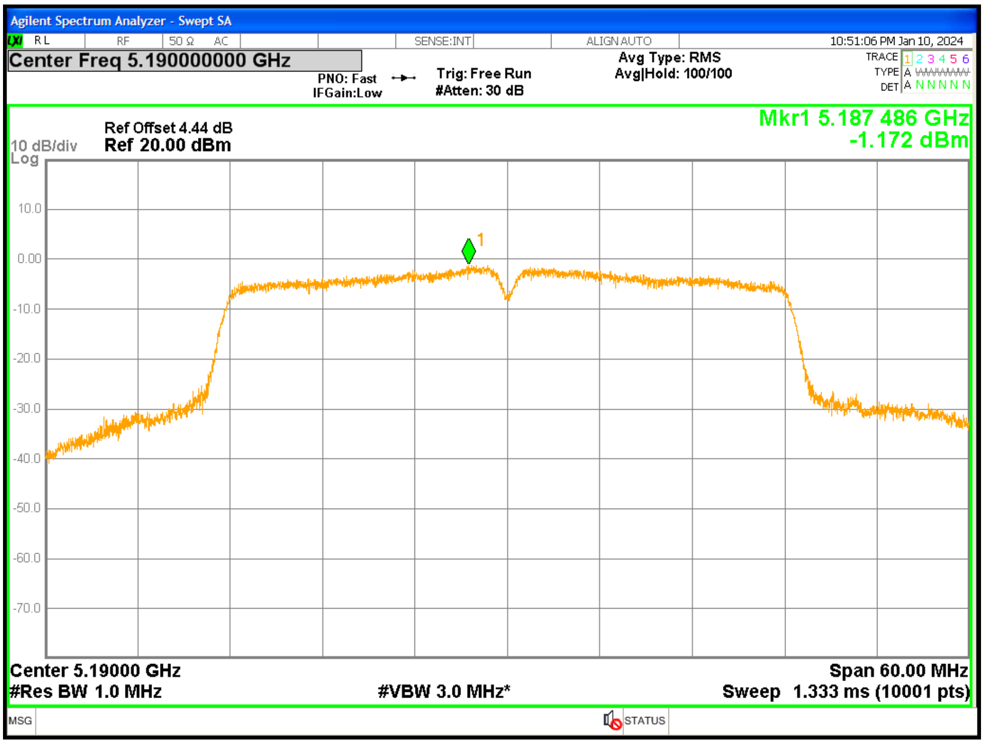

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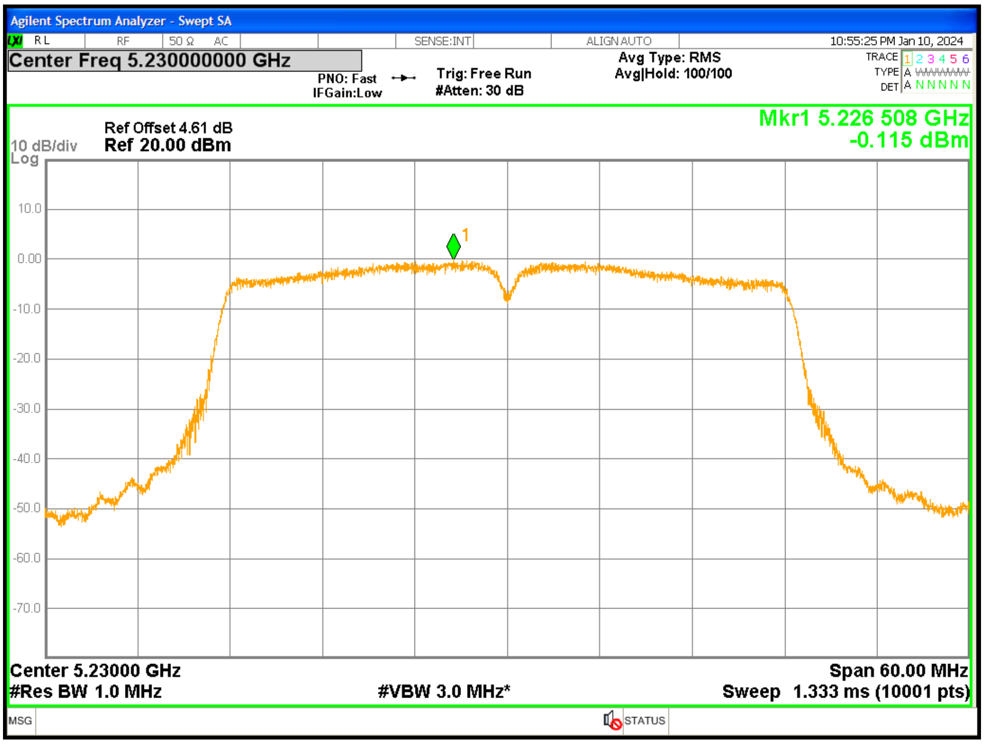

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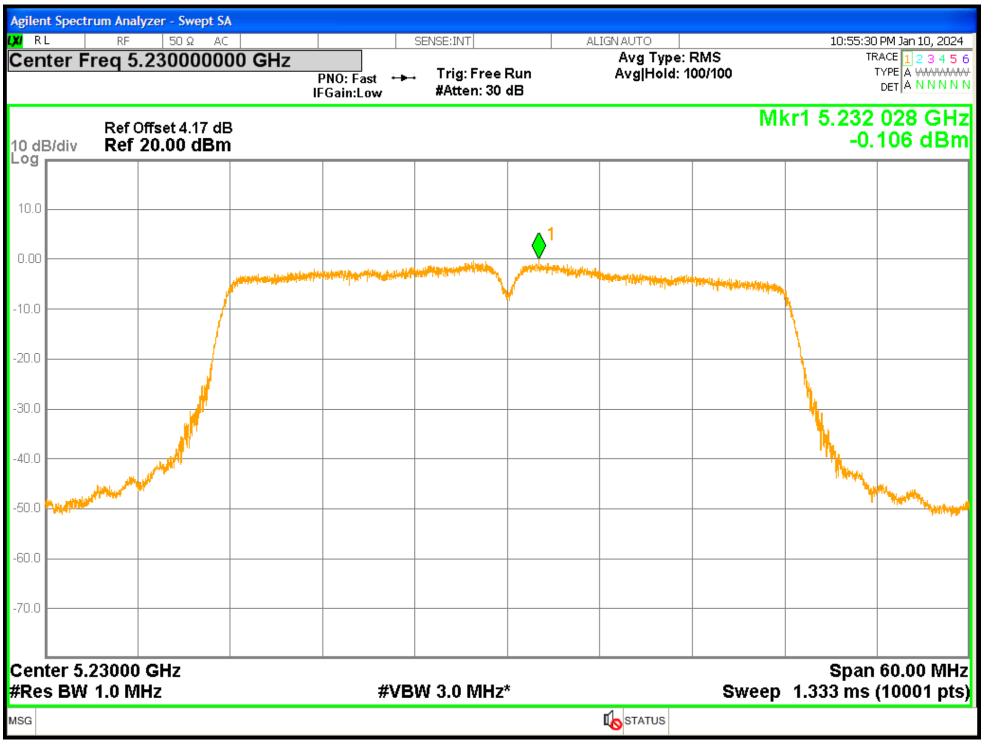

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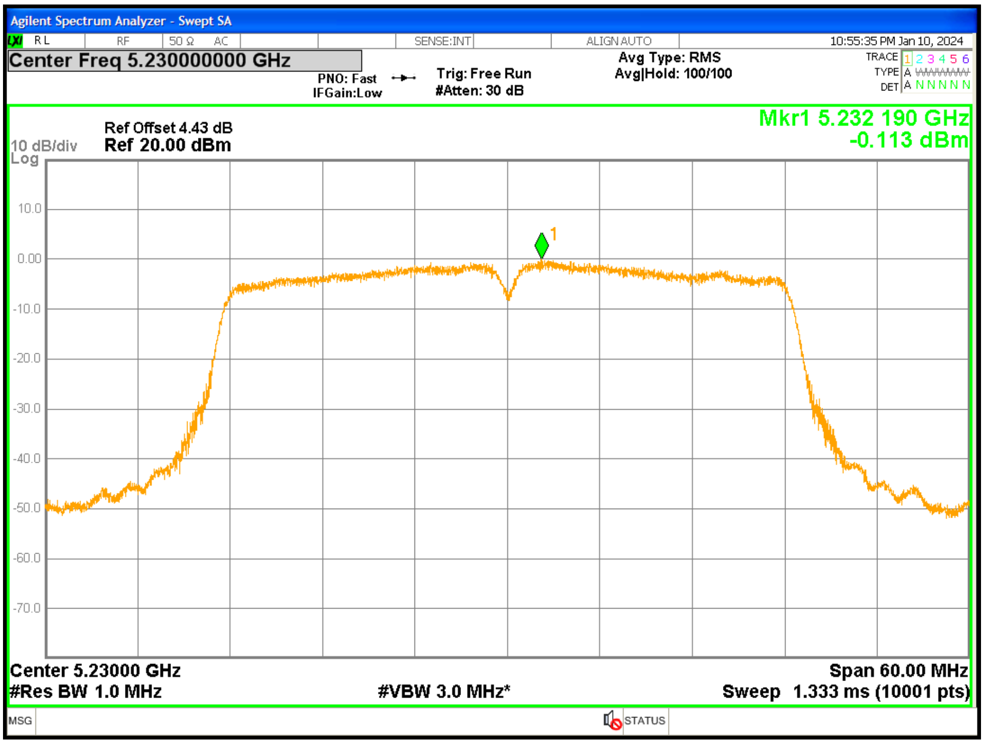

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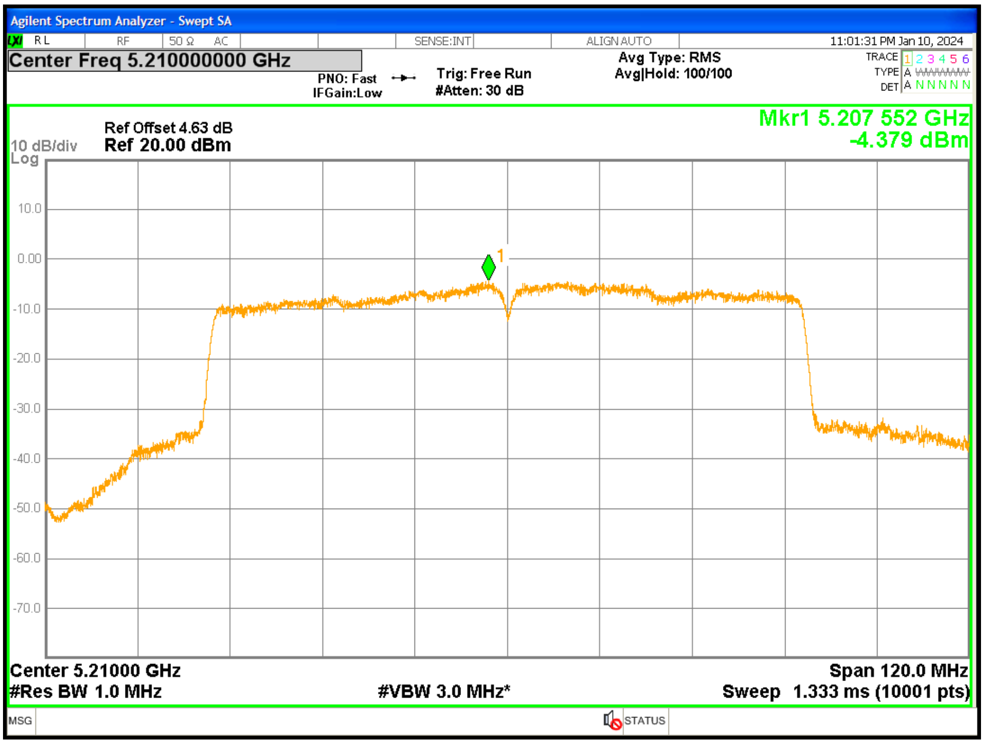

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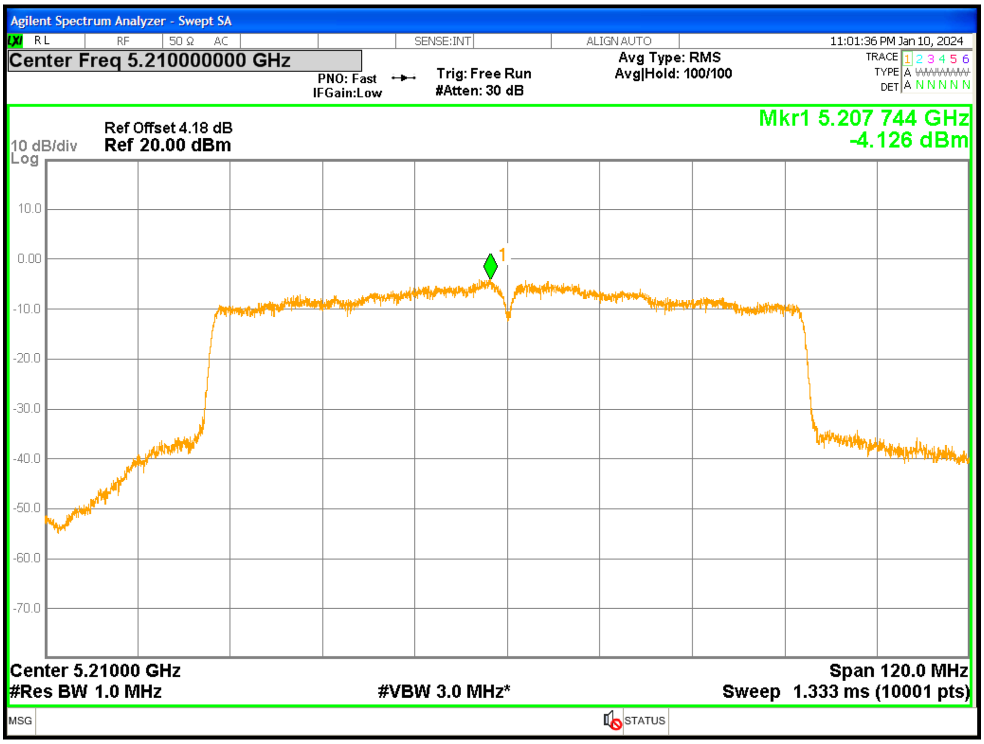

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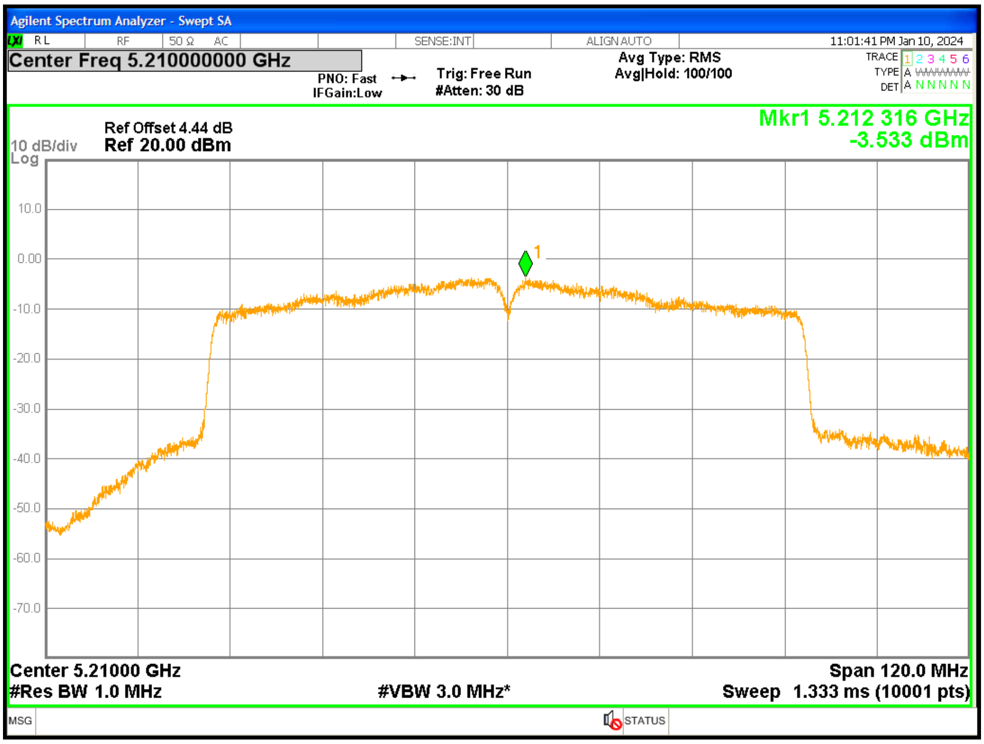

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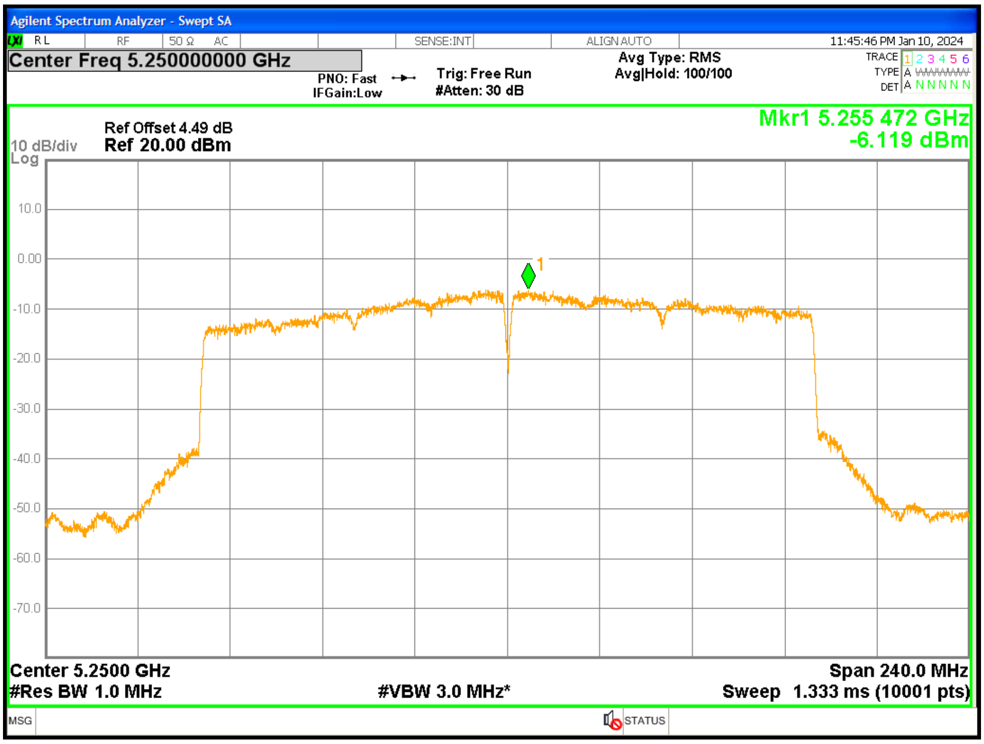

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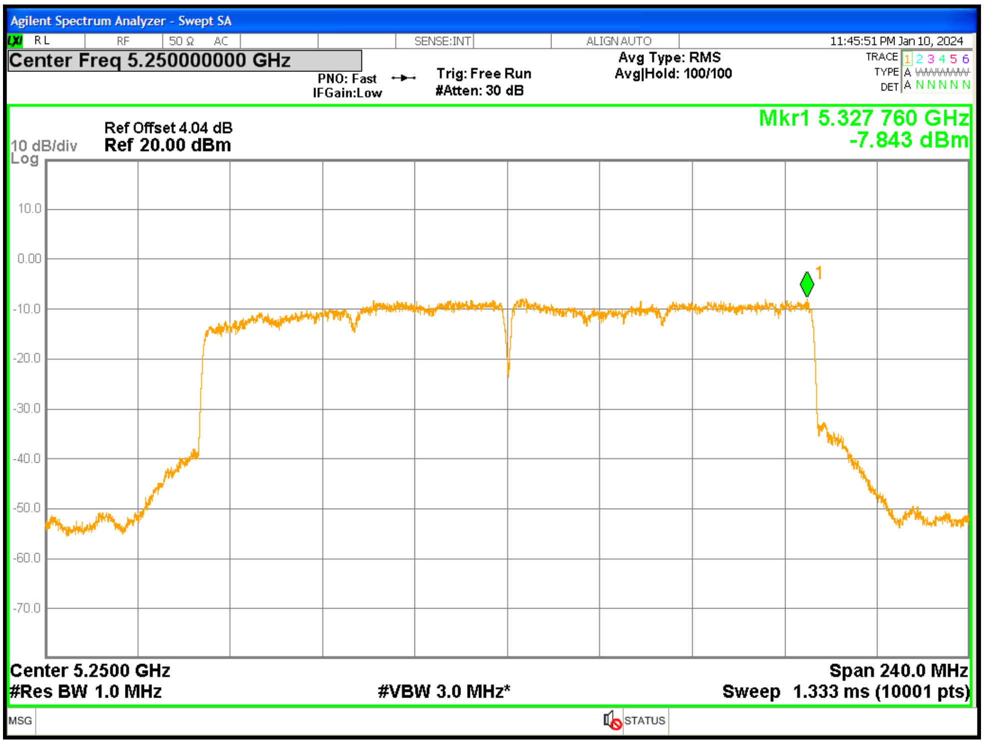

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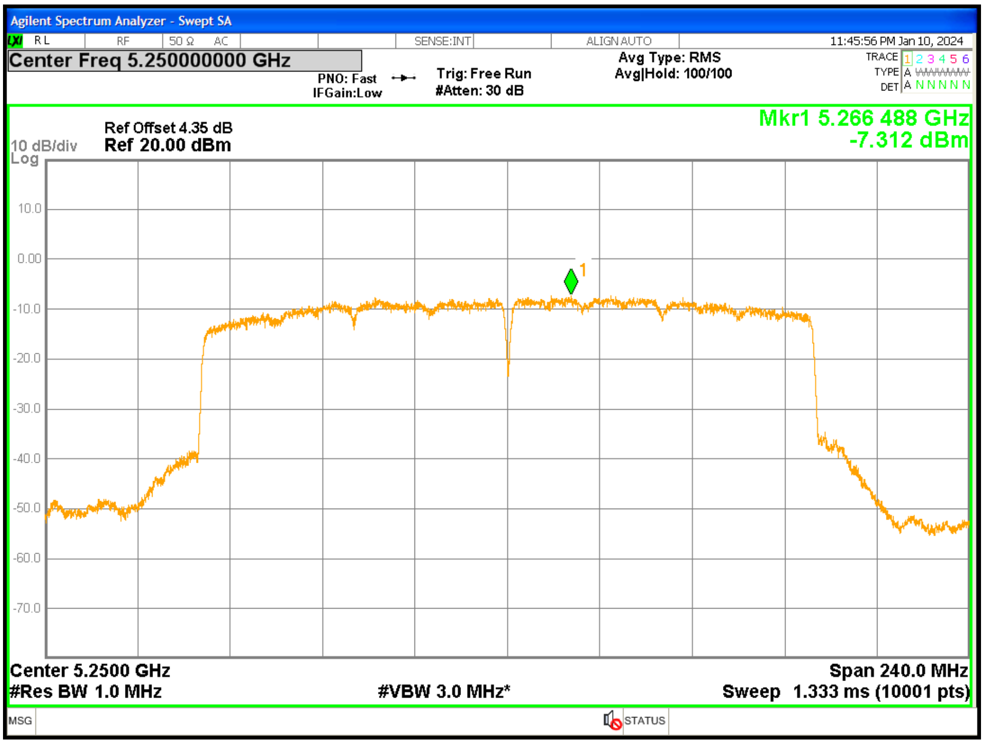

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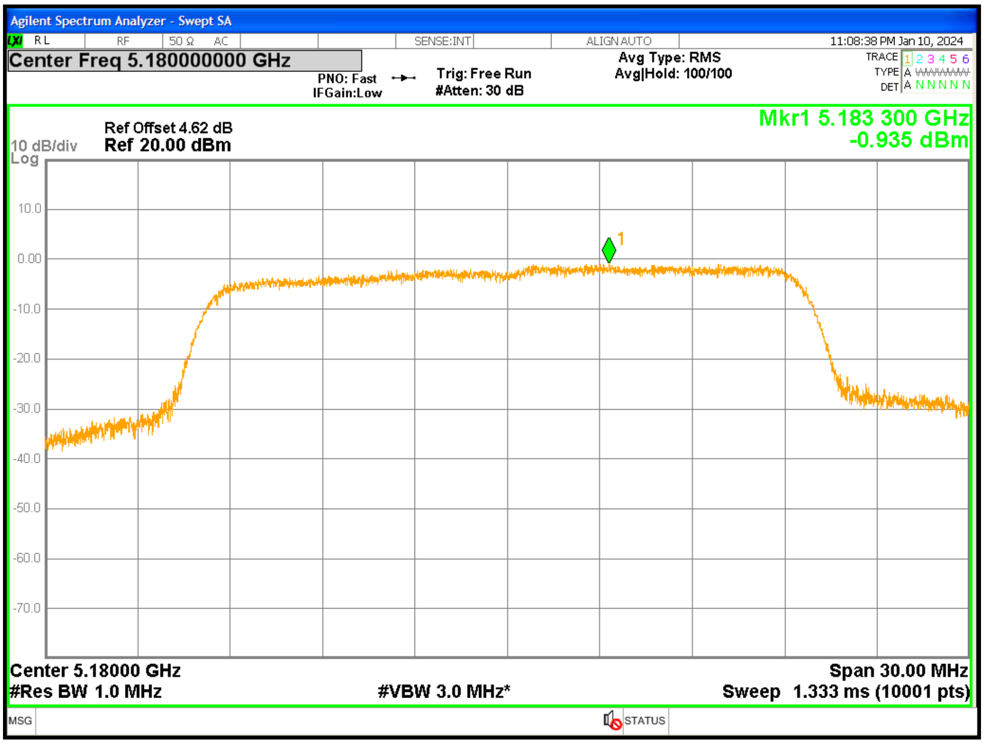

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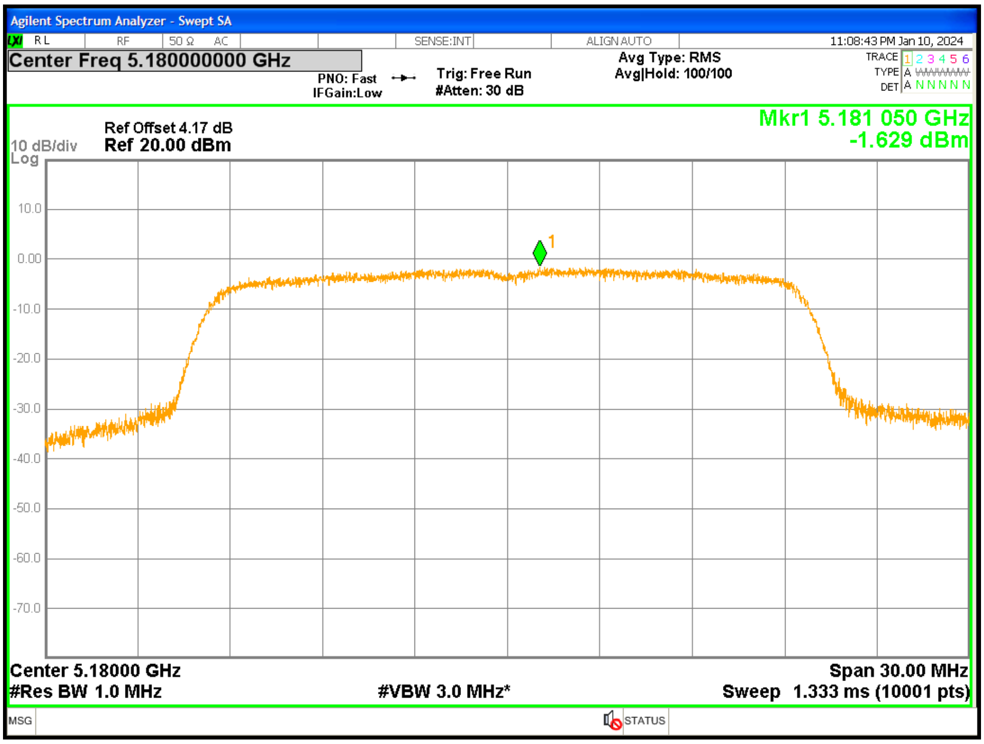

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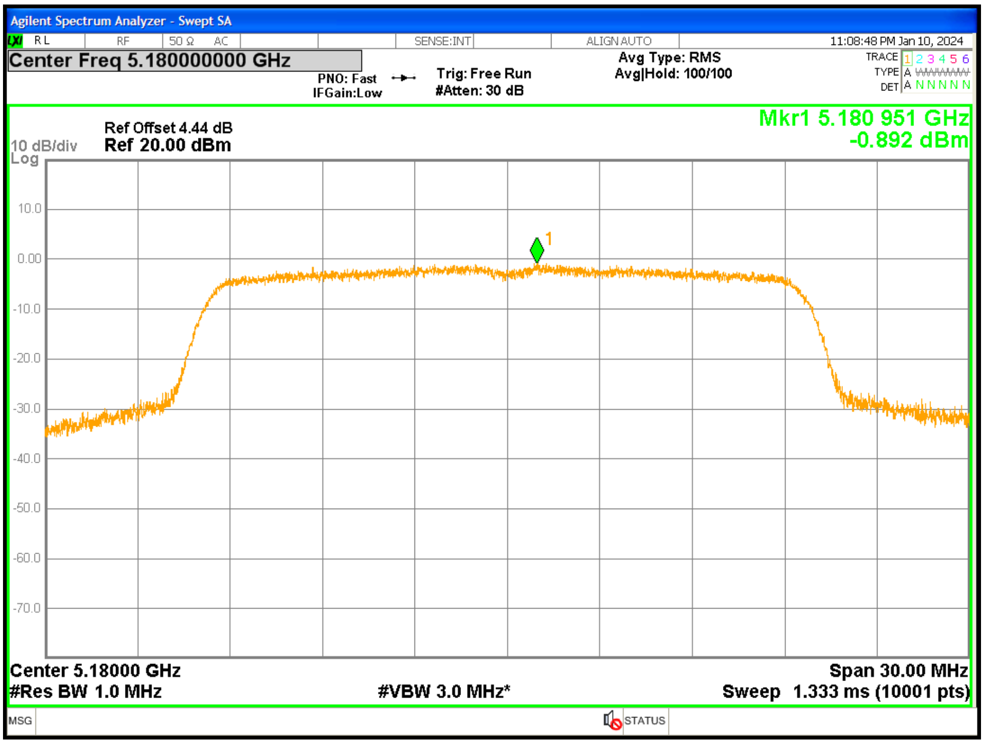

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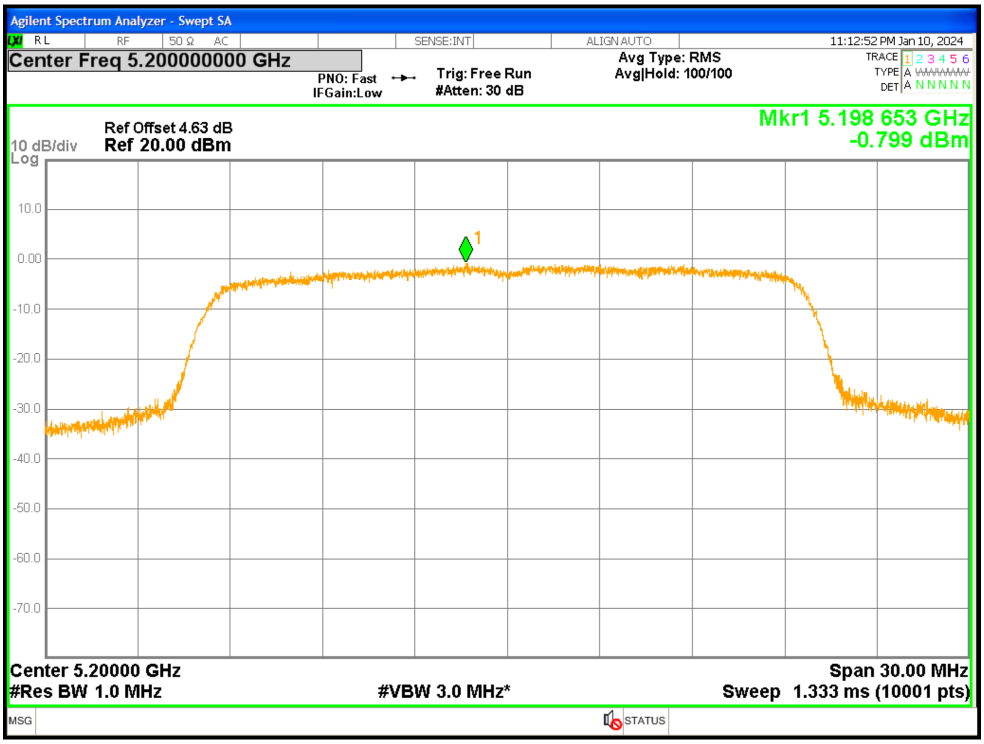

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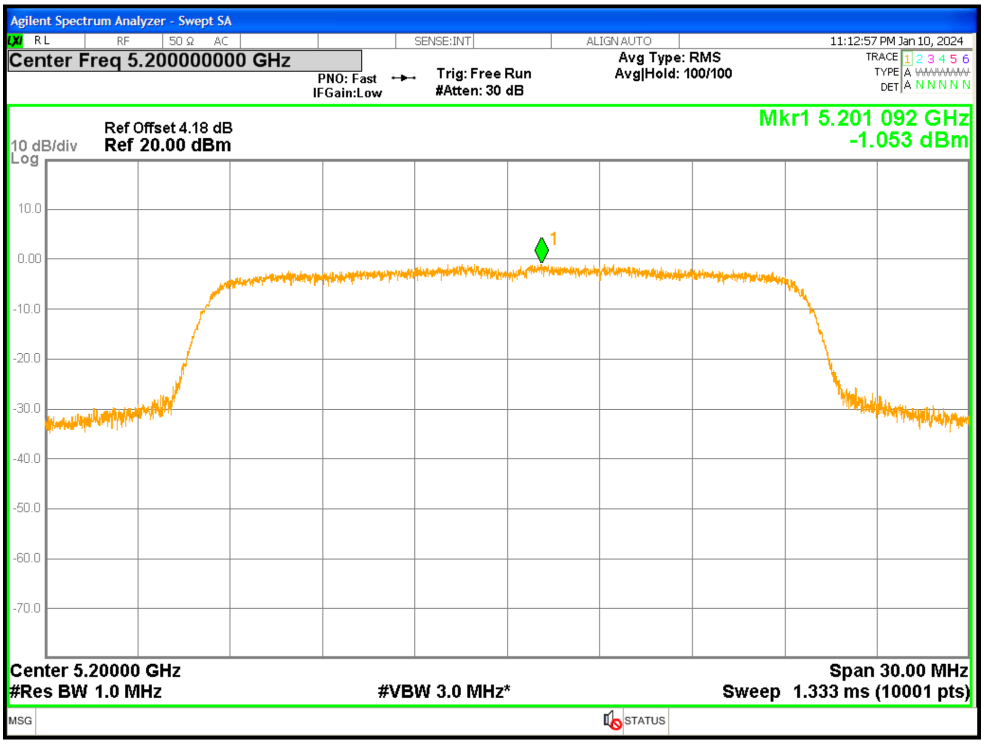

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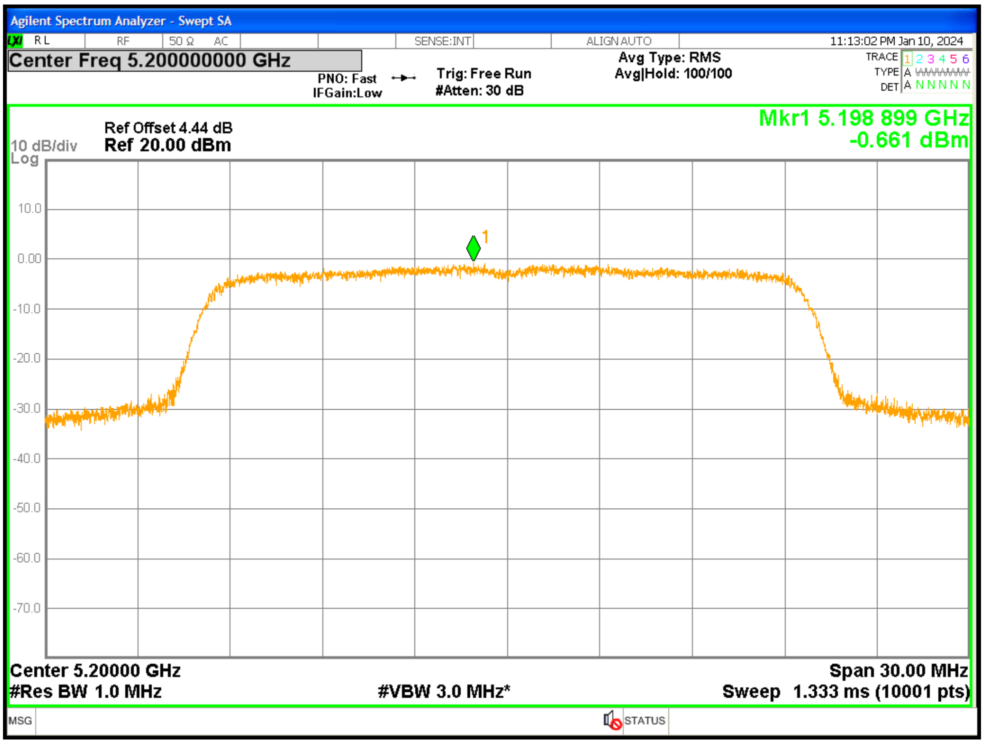

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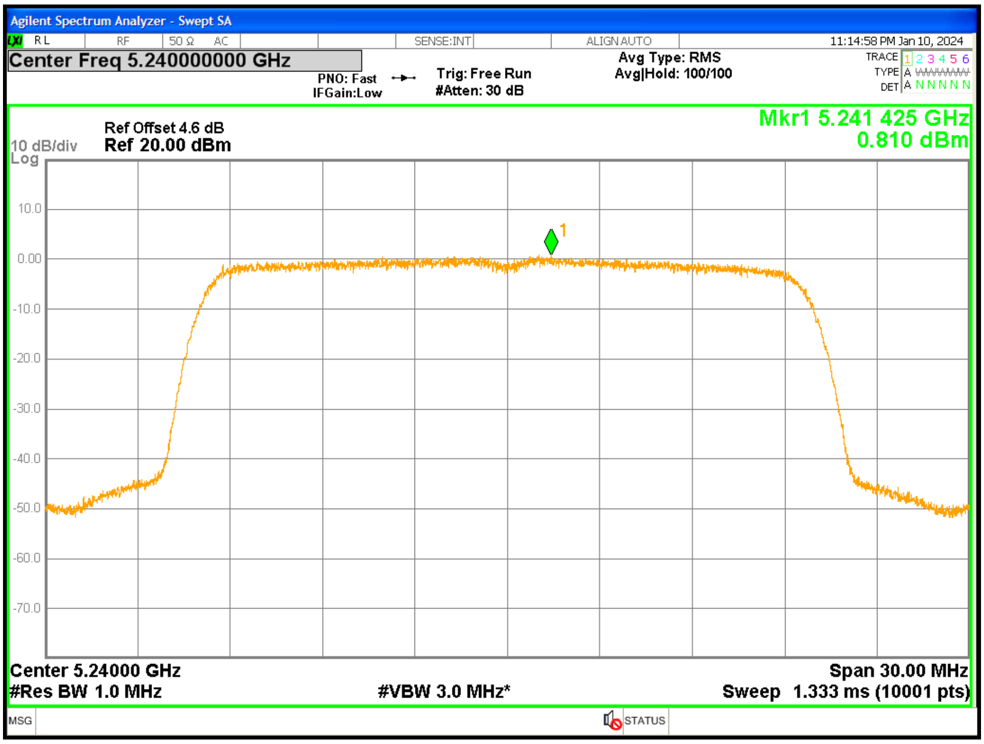
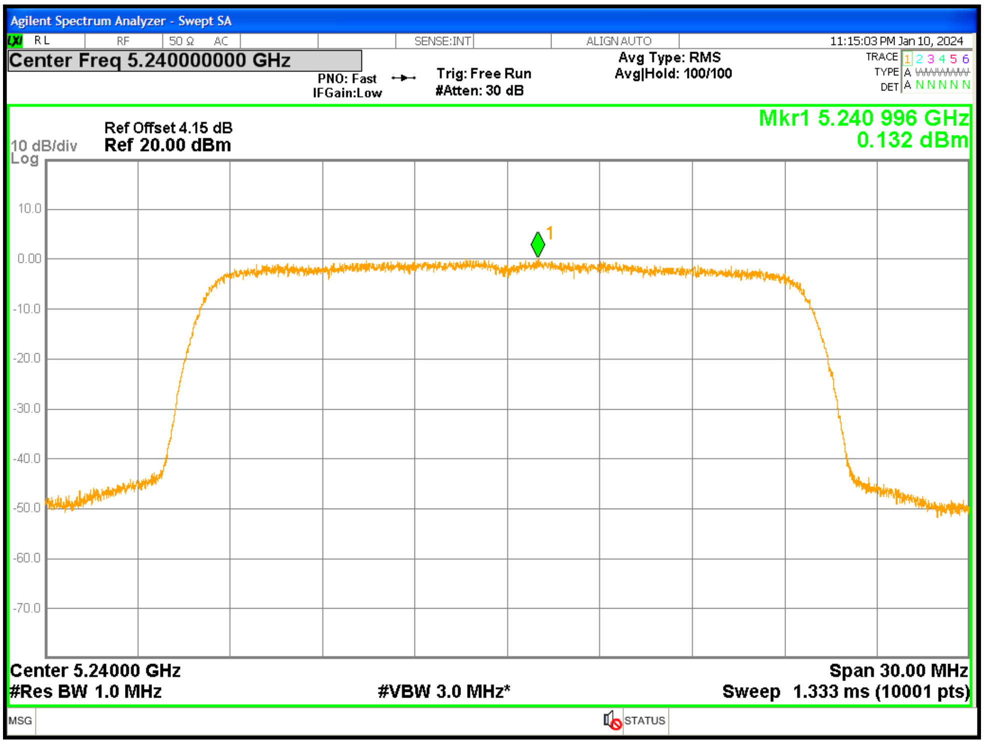


PSD NVNT ax20 5240MHz Ant2



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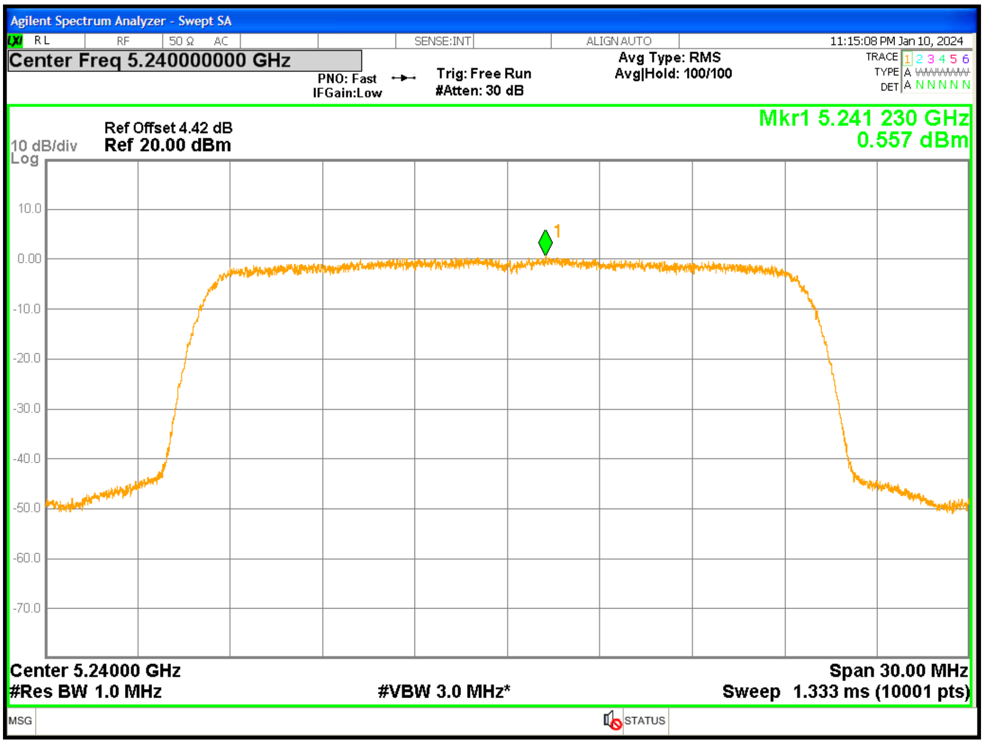
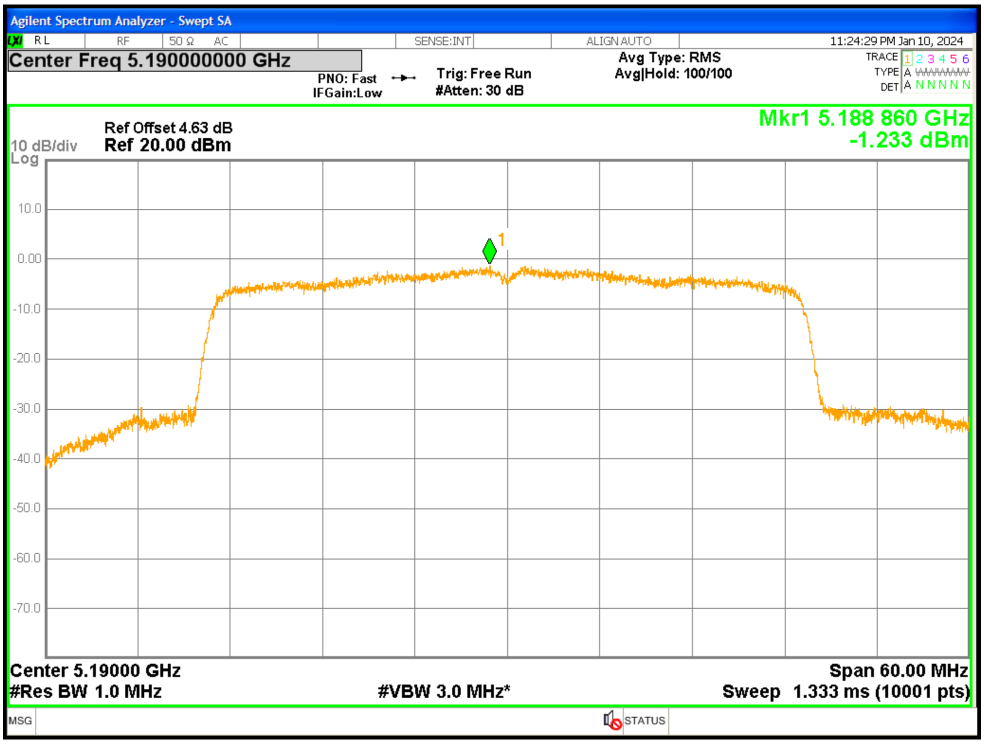


PSD NVNT ax40 5190MHz Ant1



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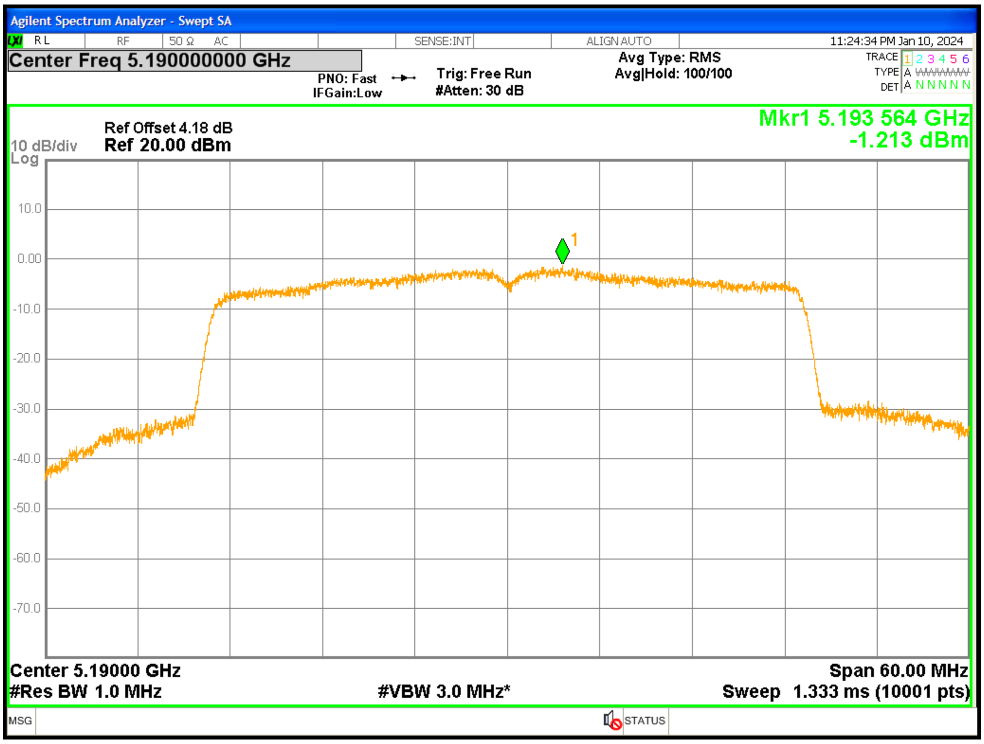

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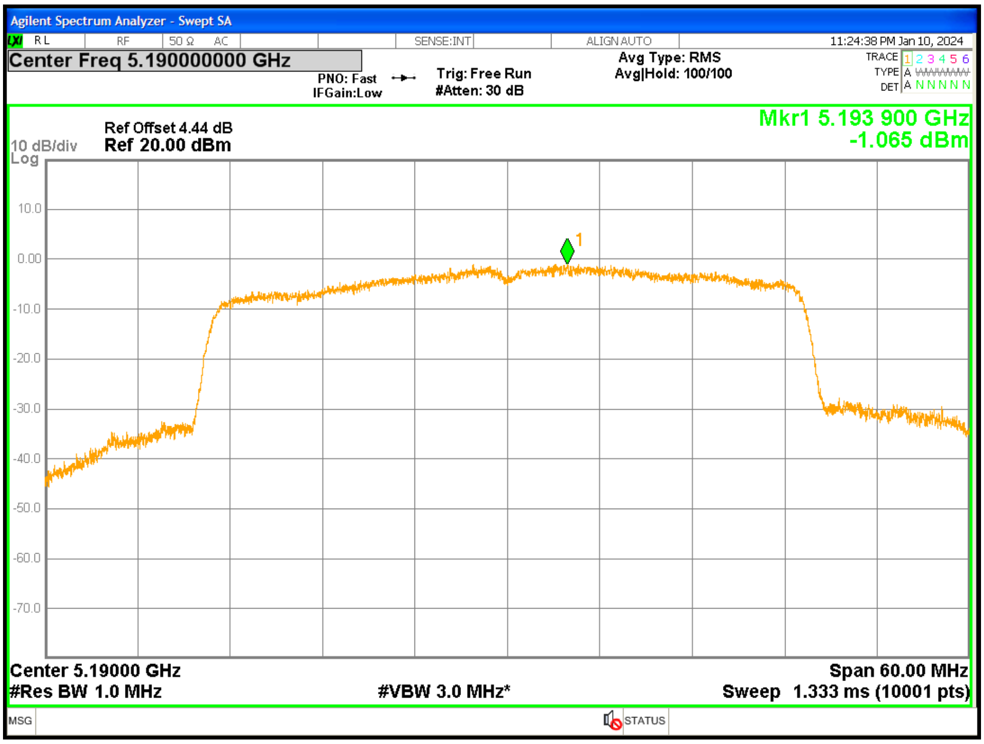
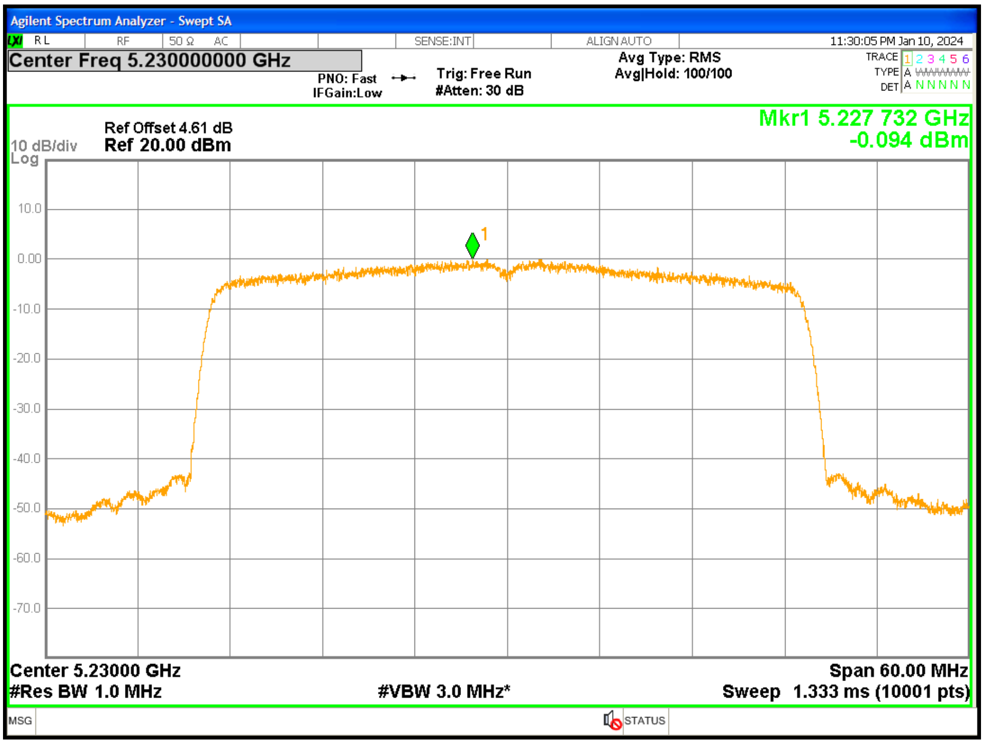


PSD NVNT ax40 5230MHz Ant1



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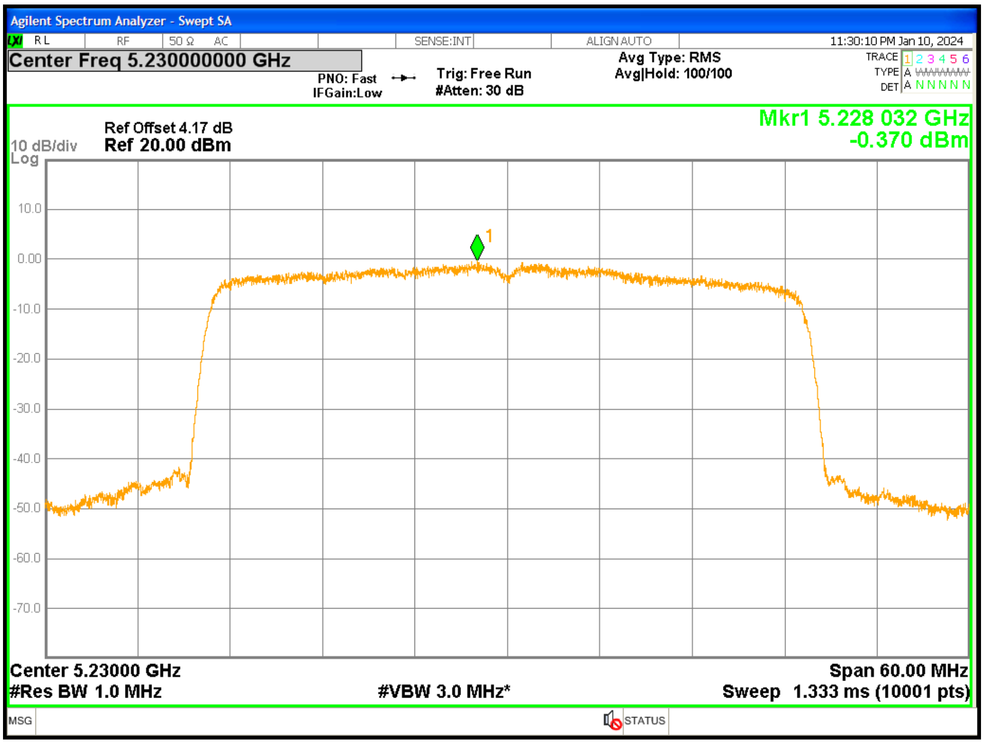

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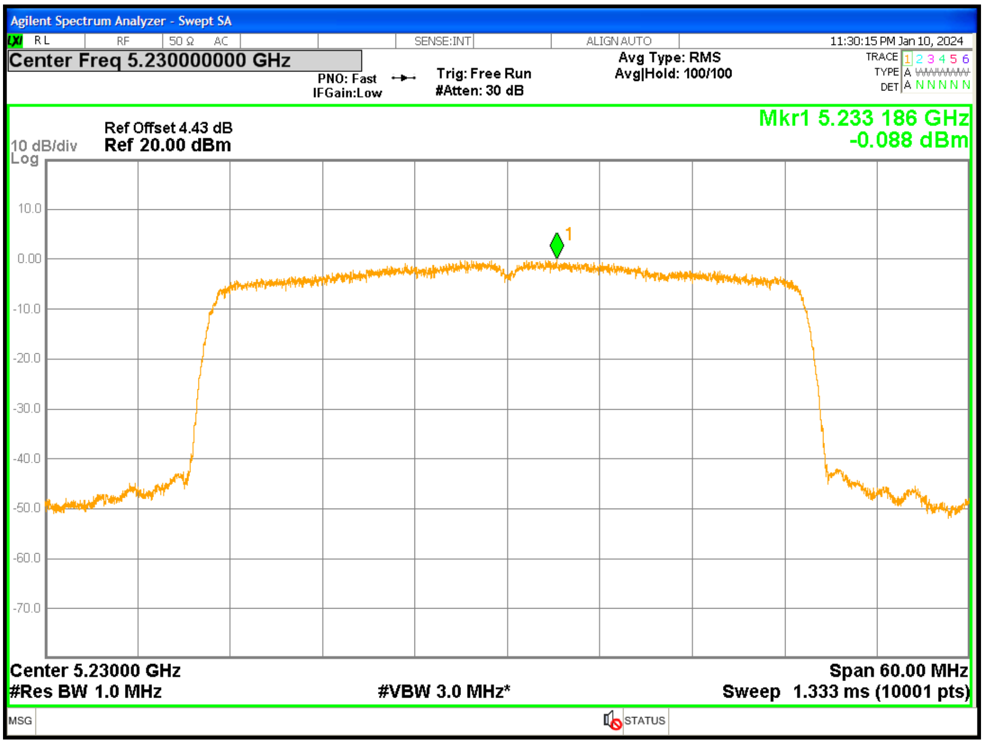

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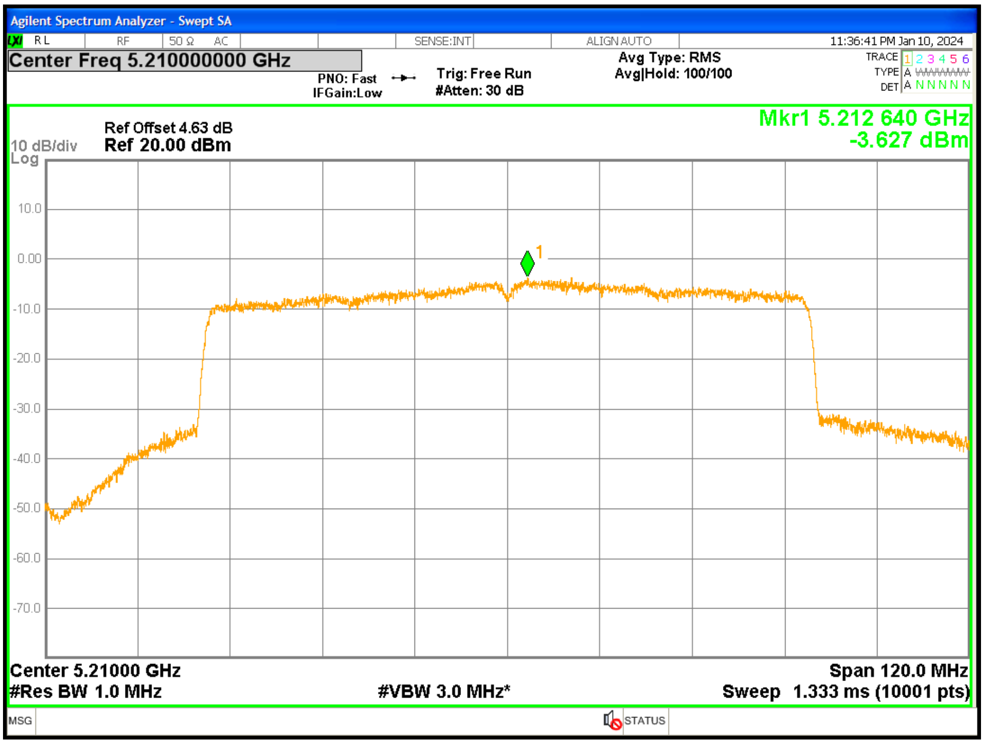

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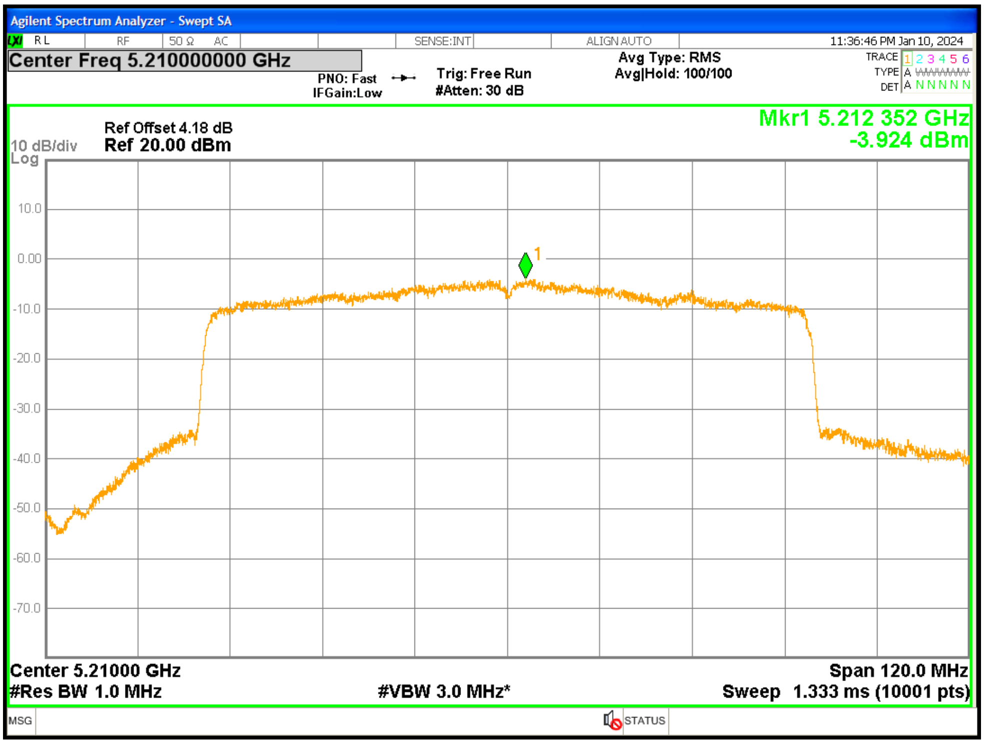

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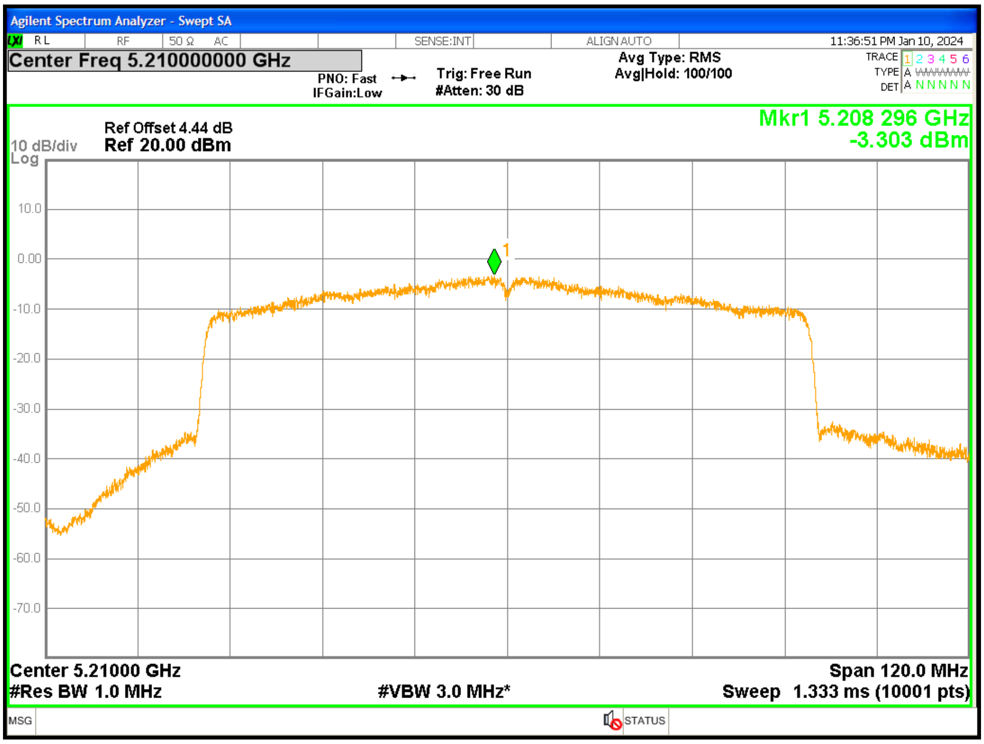

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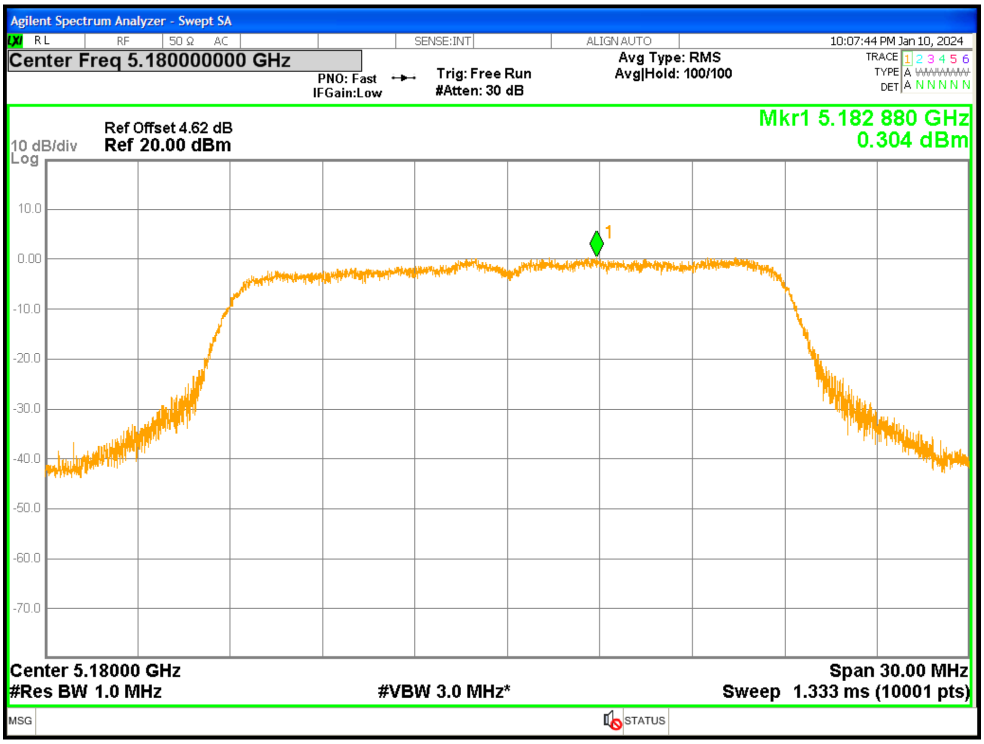

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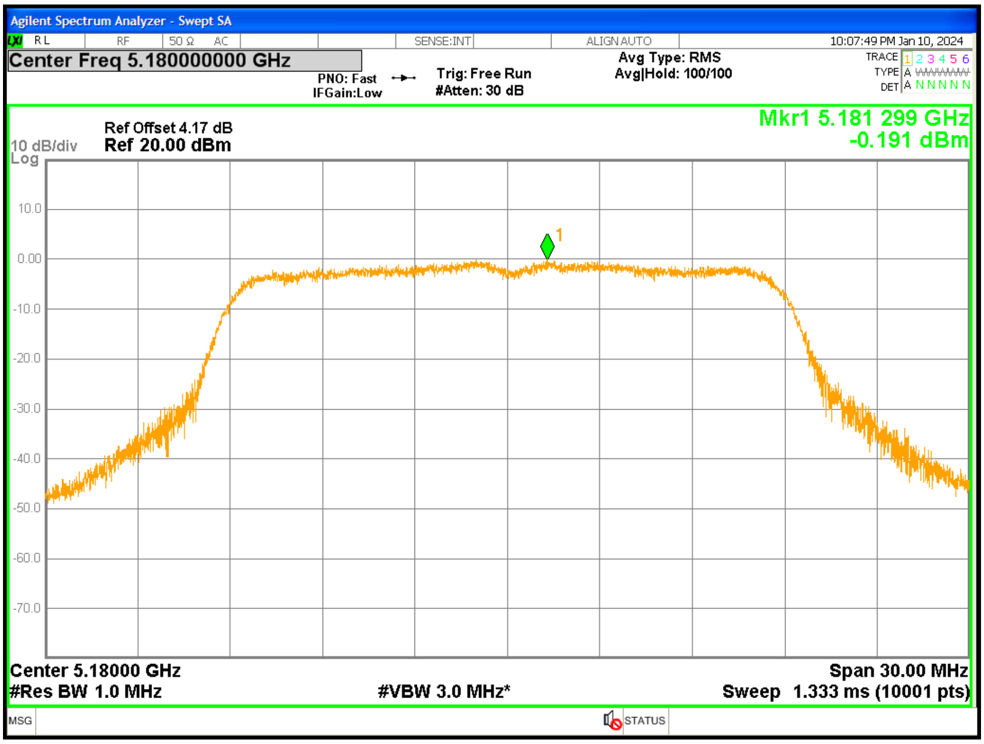

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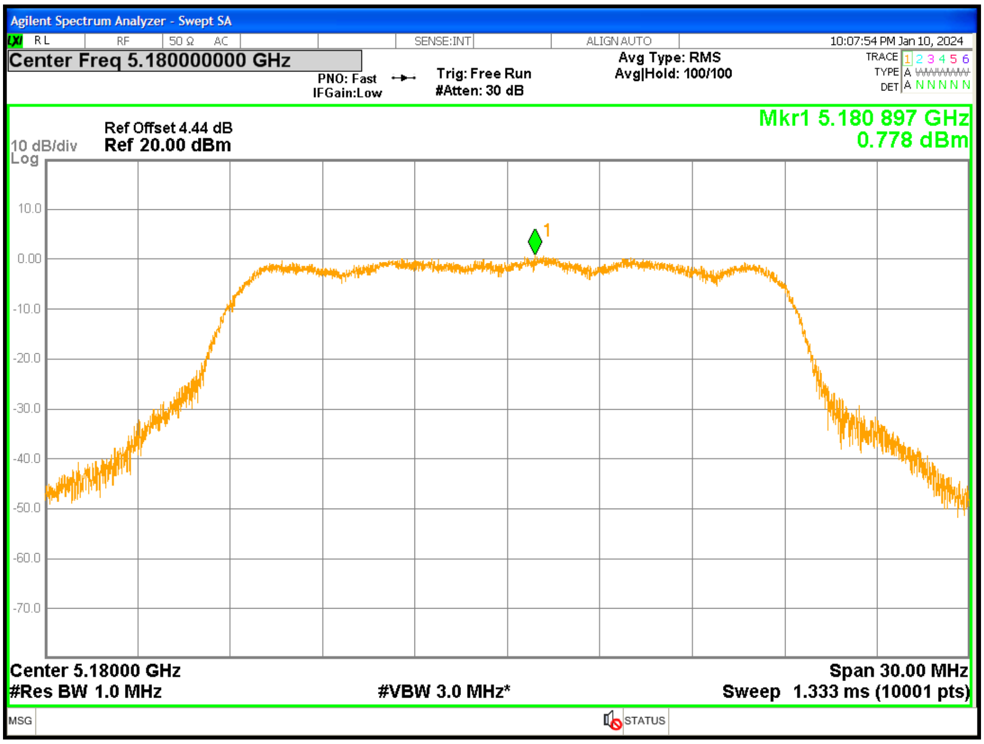

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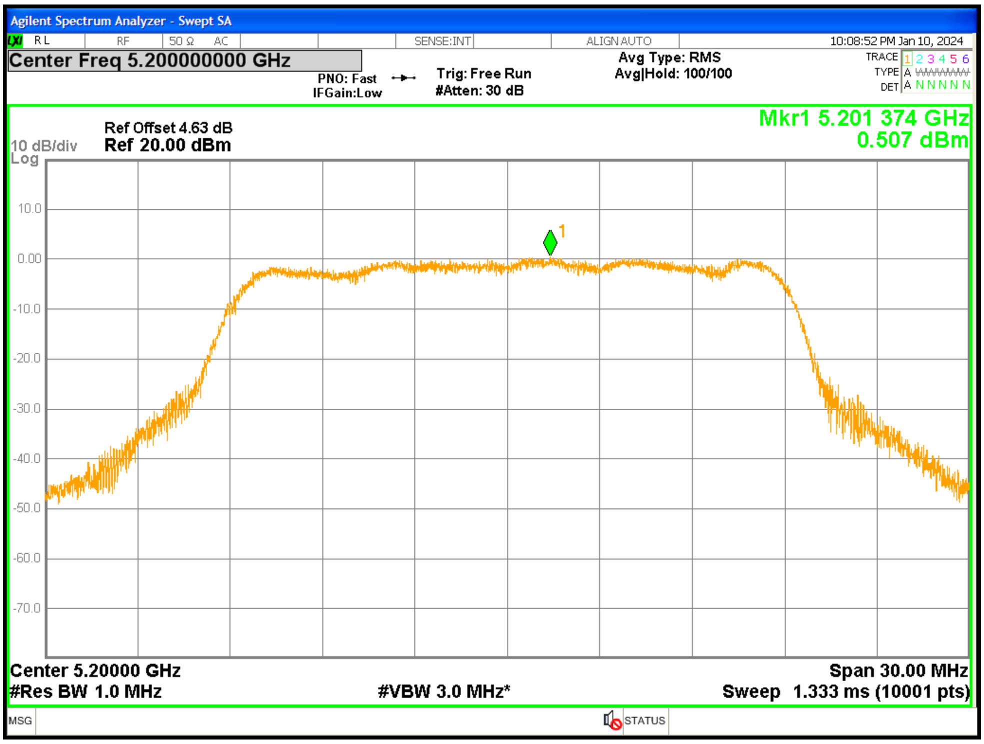

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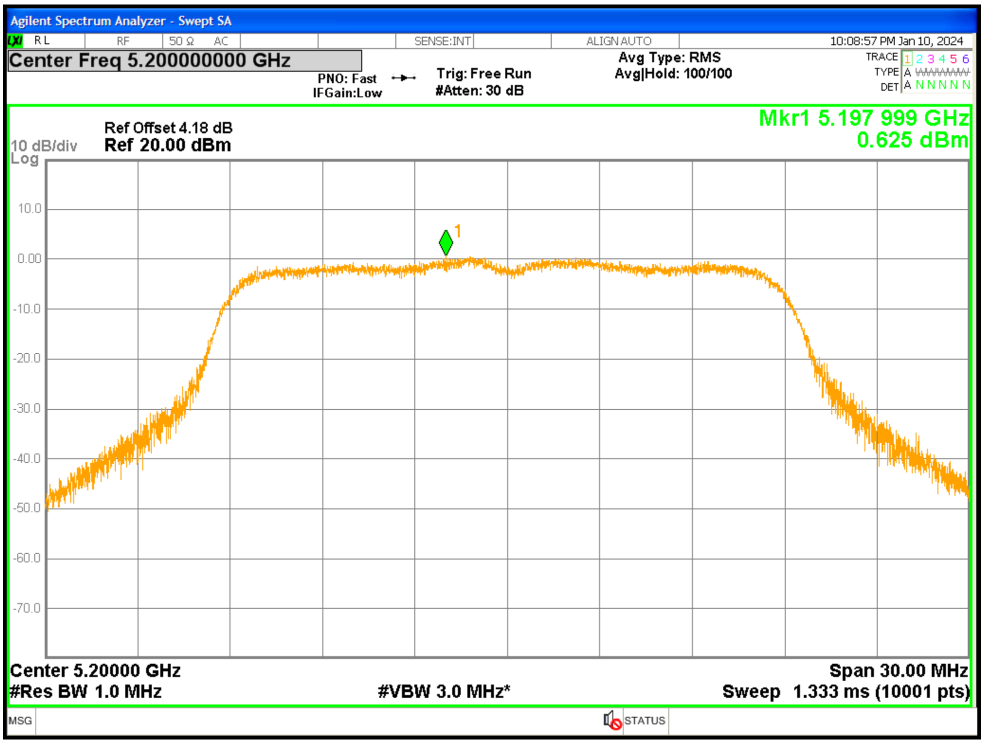

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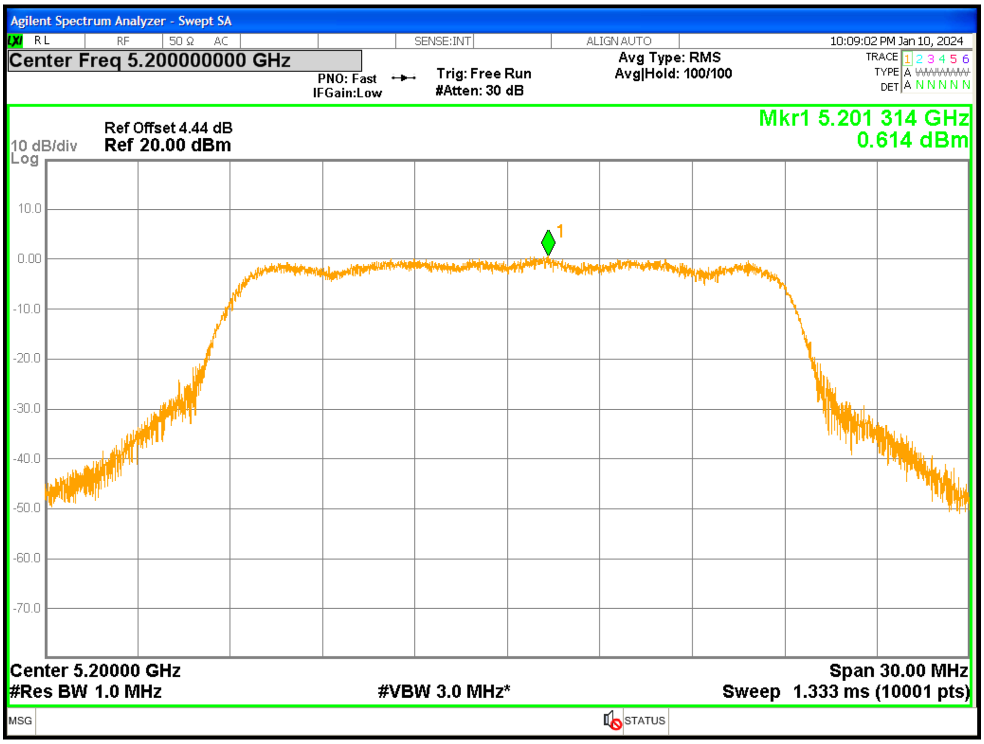

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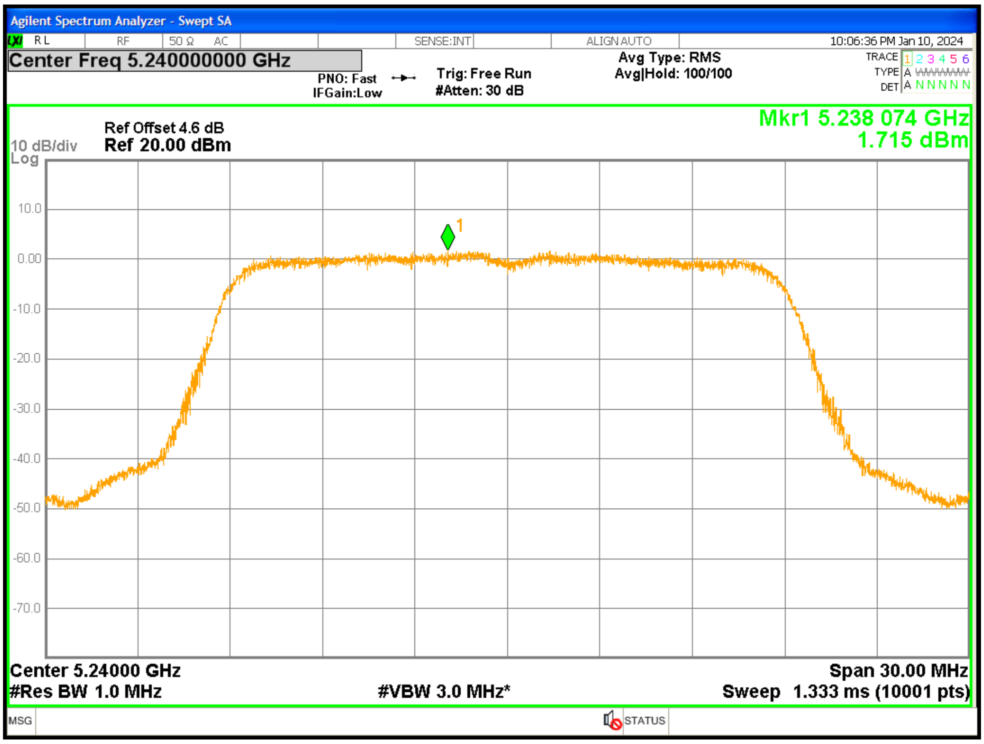

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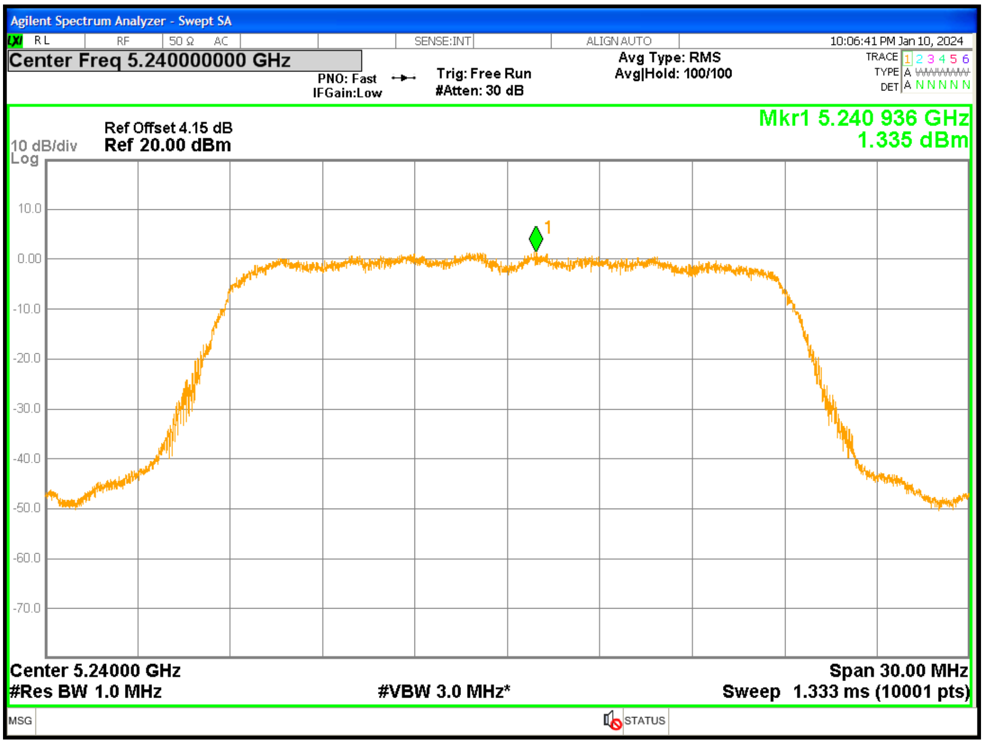

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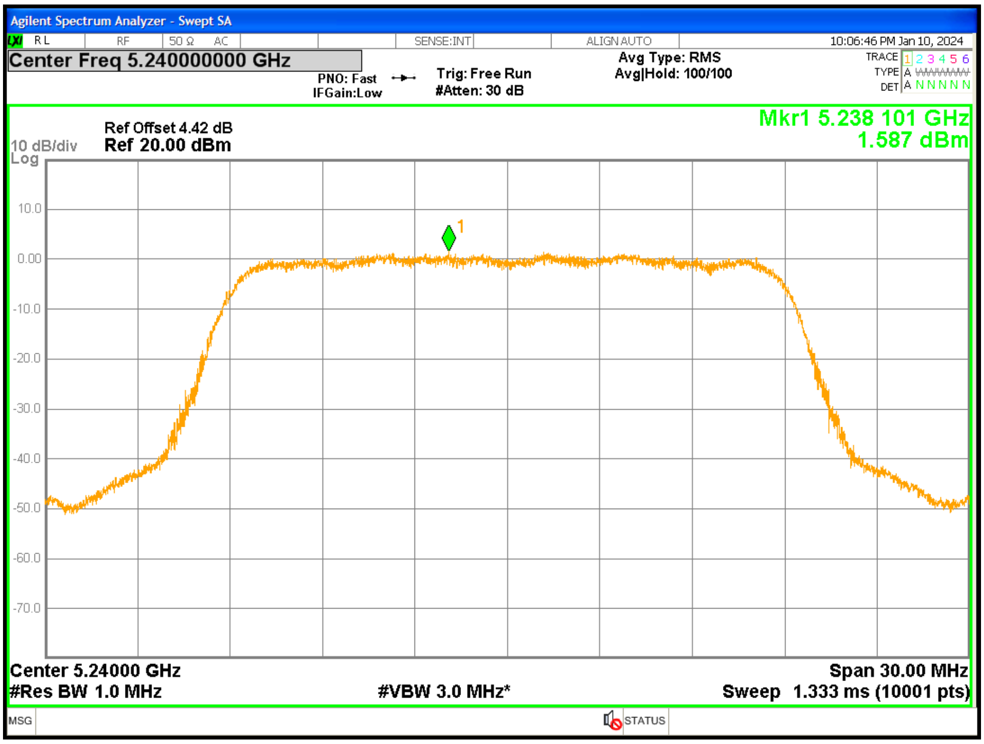

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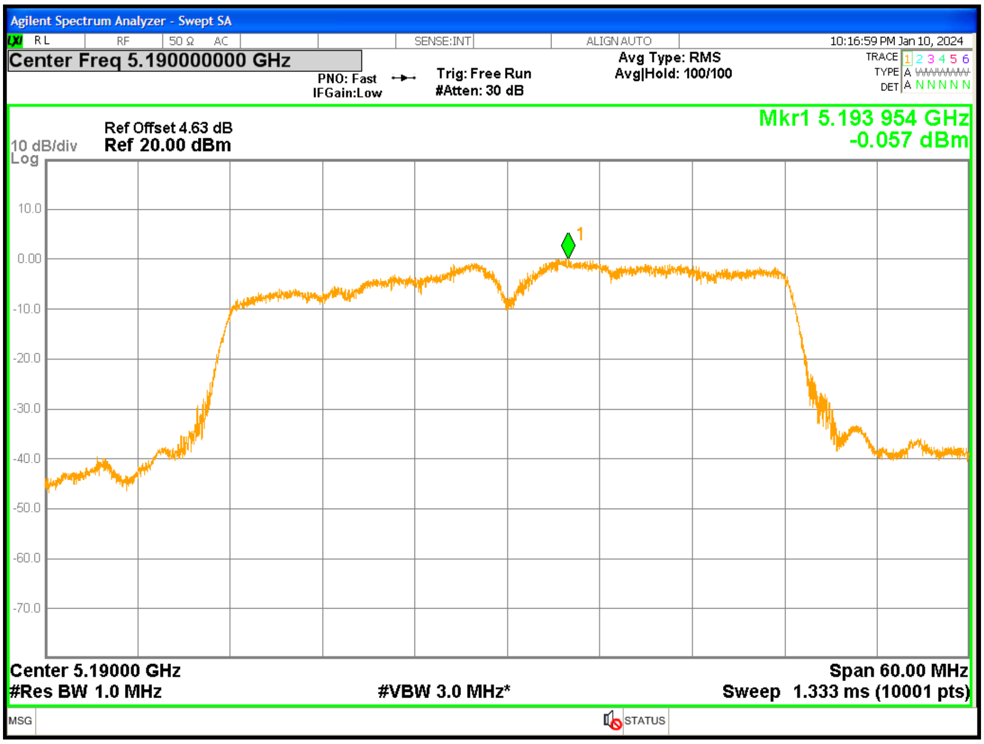

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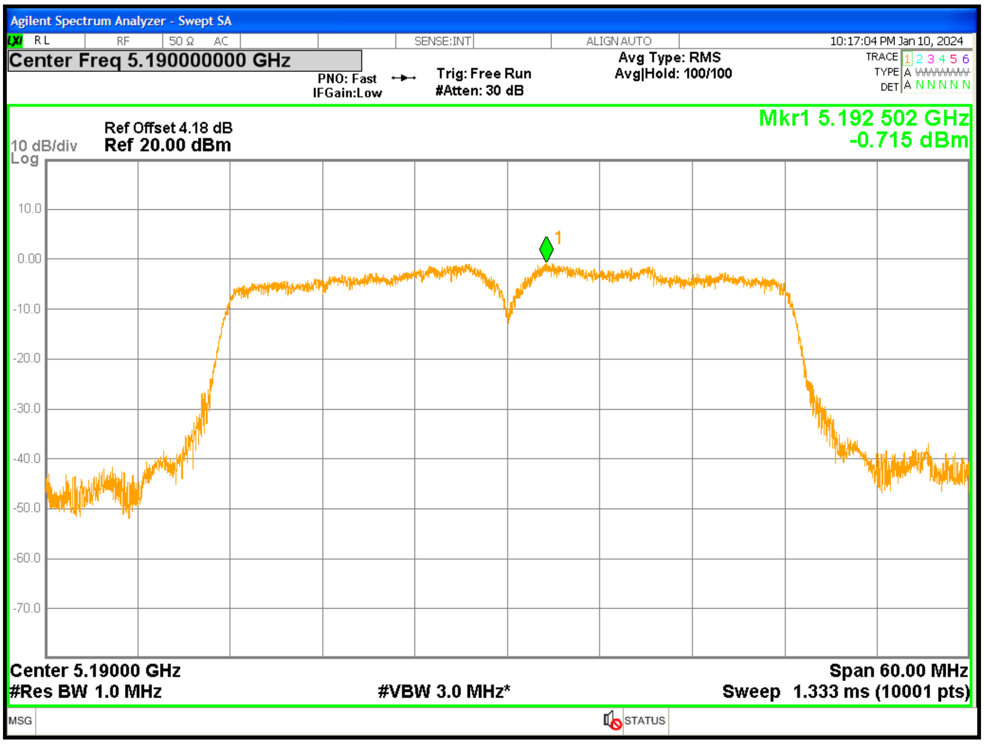

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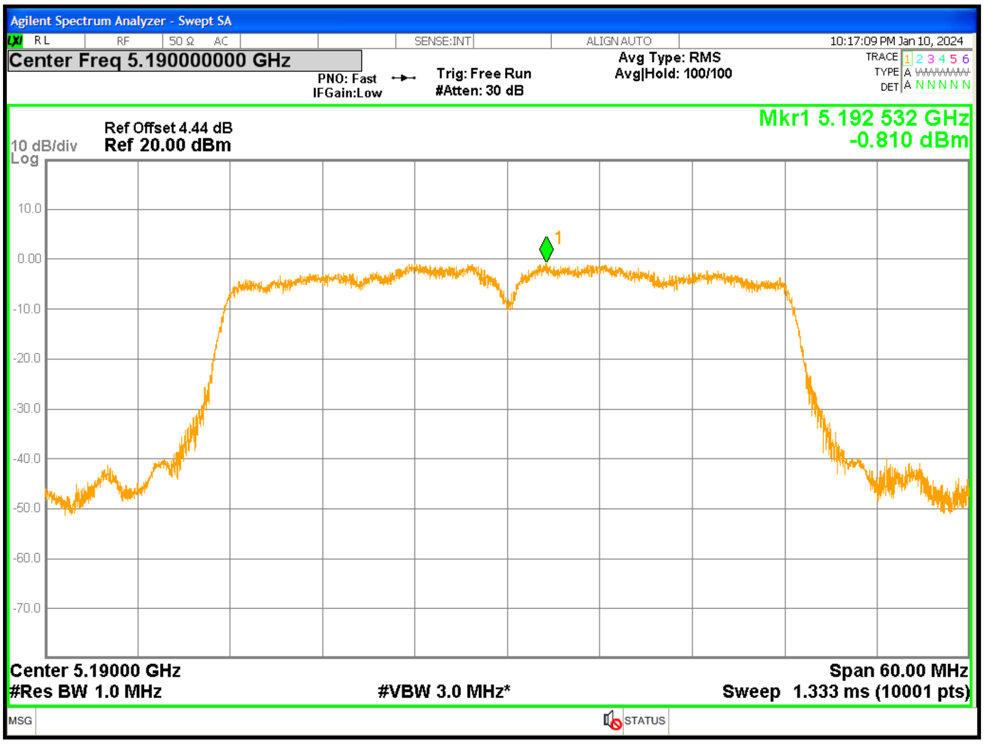

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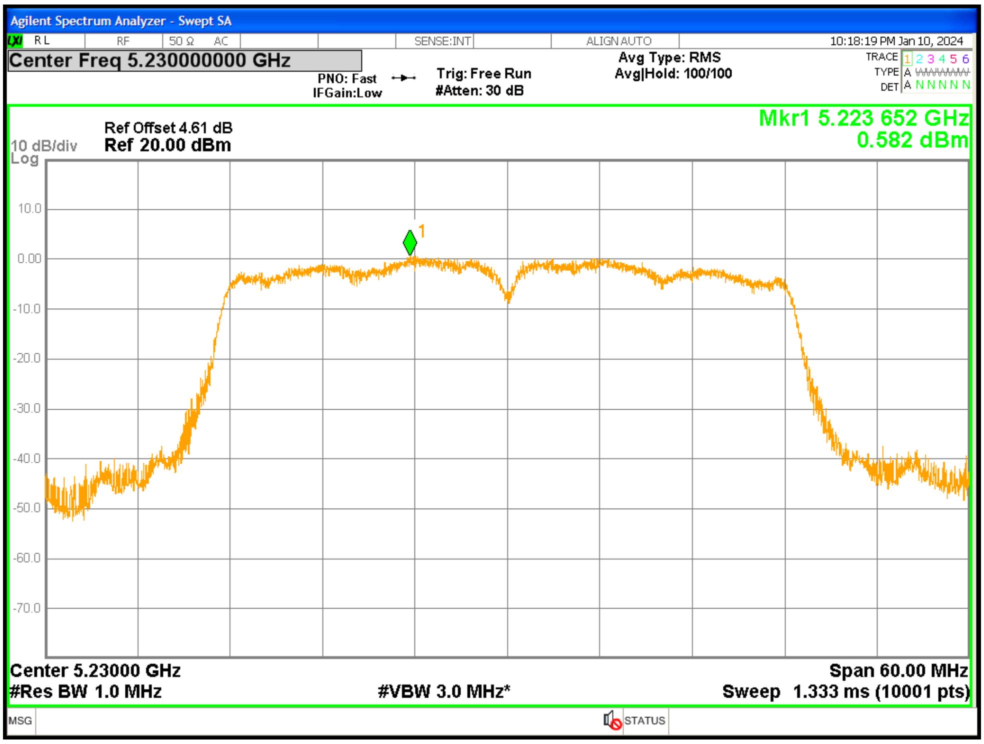

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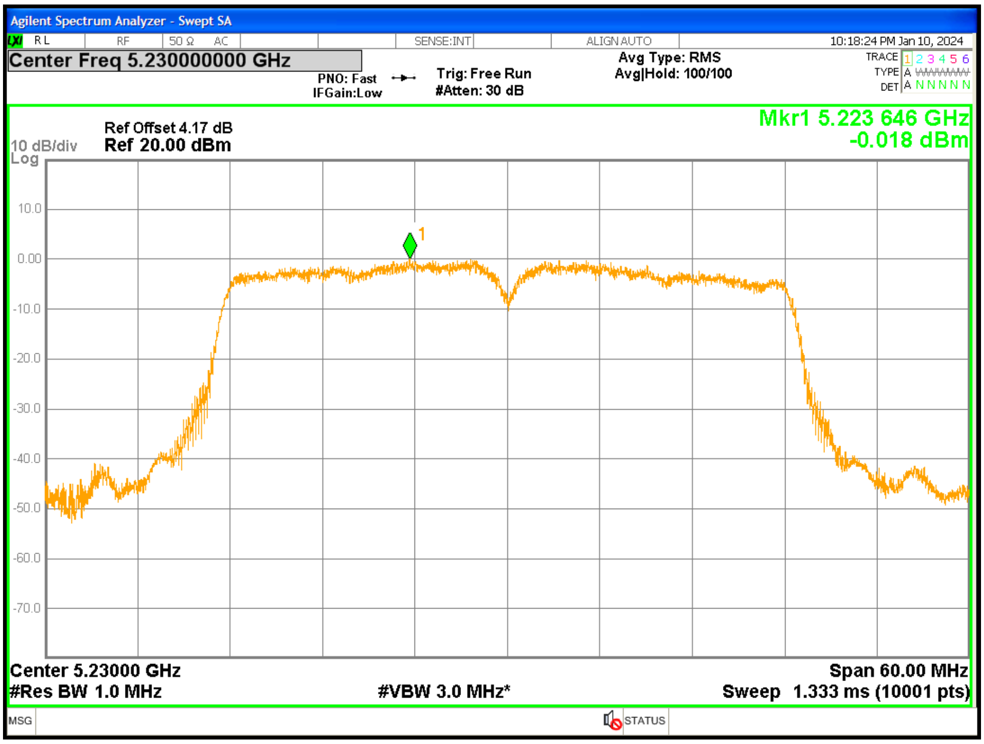

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