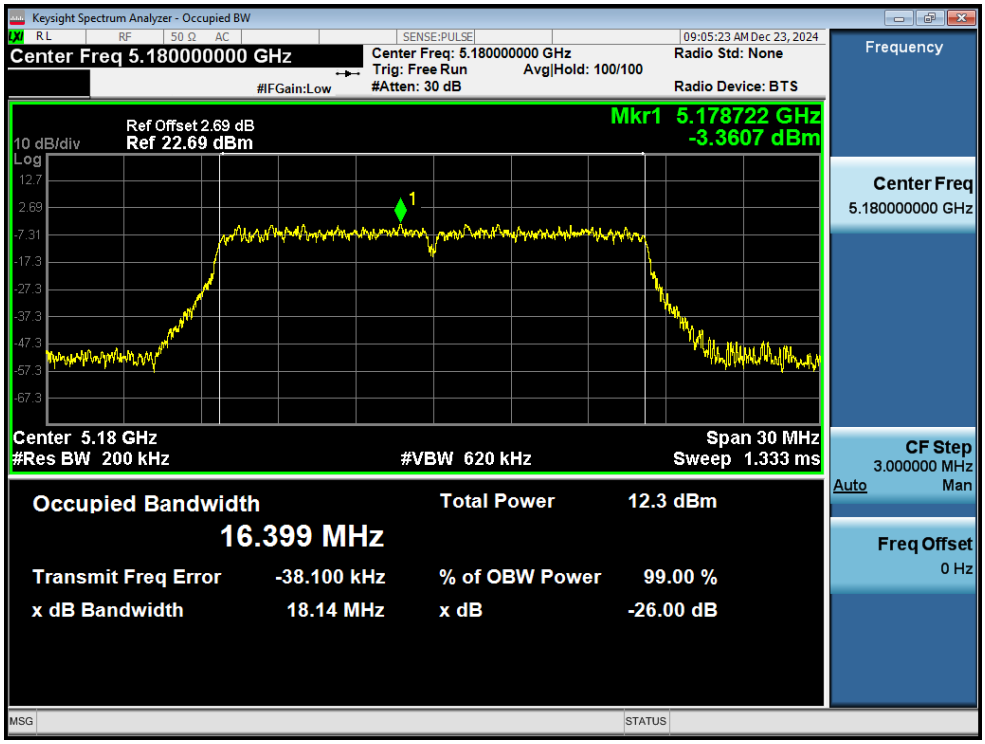
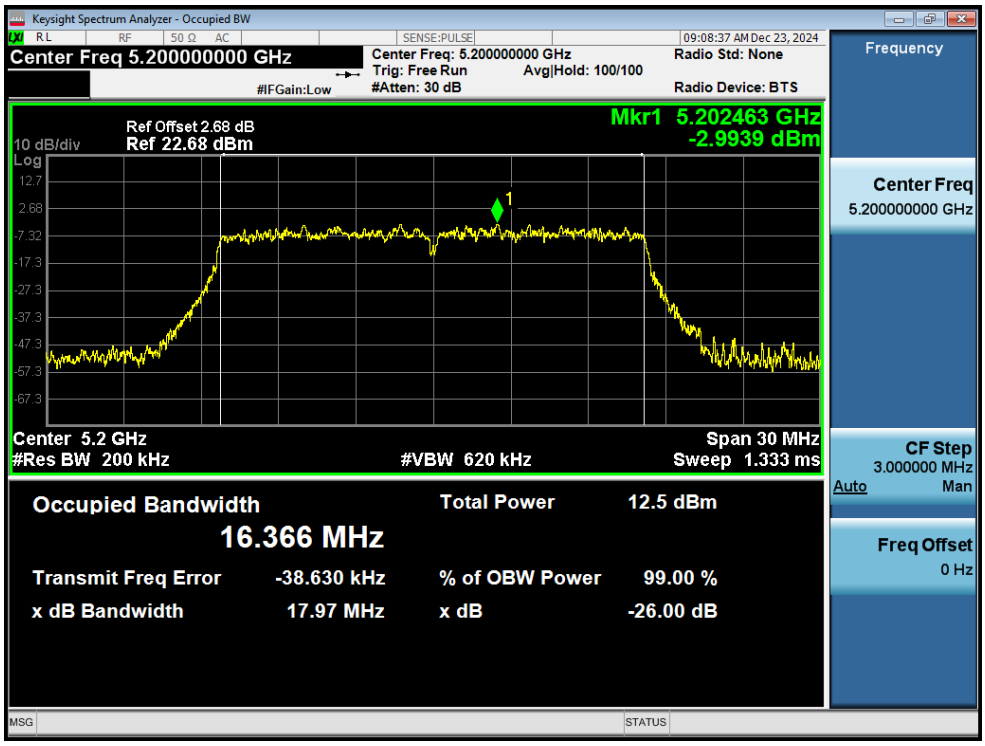
4. Occupied Channel Bandwidth

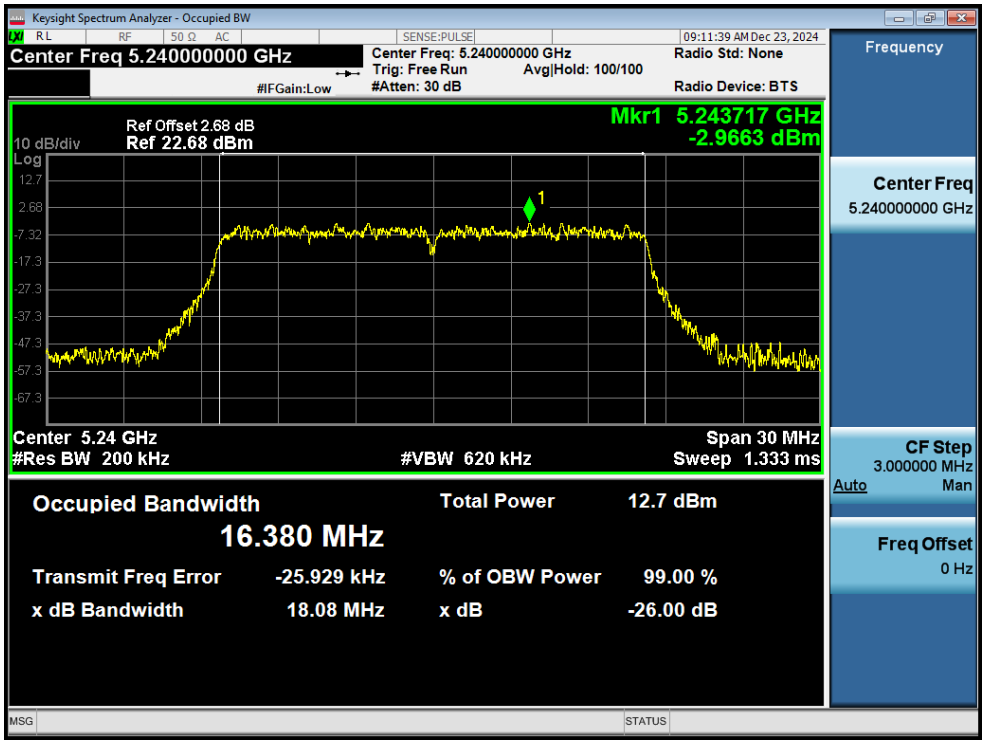
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.399
NVNT	a	5200	Ant1	16.366
NVNT	a	5240	Ant1	16.38
NVNT	a	5180	Ant2	16.353
NVNT	a	5200	Ant2	16.362
NVNT	a	5240	Ant2	16.388
NVNT	n20	5180	Ant1	17.564
NVNT	n20	5200	Ant1	17.596
NVNT	n20	5240	Ant1	17.573
NVNT	n20	5180	Ant2	17.596
NVNT	n20	5200	Ant2	17.554
NVNT	n20	5240	Ant2	17.555
NVNT	n40	5190	Ant1	36.149
NVNT	n40	5230	Ant1	36.054
NVNT	n40	5190	Ant2	35.994
NVNT	n40	5230	Ant2	35.999
NVNT	ac20	5180	Ant1	17.532
NVNT	ac20	5200	Ant1	17.535
NVNT	ac20	5240	Ant1	17.521
NVNT	ac20	5180	Ant2	17.547
NVNT	ac20	5200	Ant2	17.542
NVNT	ac20	5240	Ant2	17.544
NVNT	ac40	5190	Ant1	35.973
NVNT	ac40	5230	Ant1	36.001
NVNT	ac40	5190	Ant2	36.003
NVNT	ac40	5230	Ant2	35.985
NVNT	ac80	5210	Ant1	74.949
NVNT	ac80	5210	Ant2	75.057



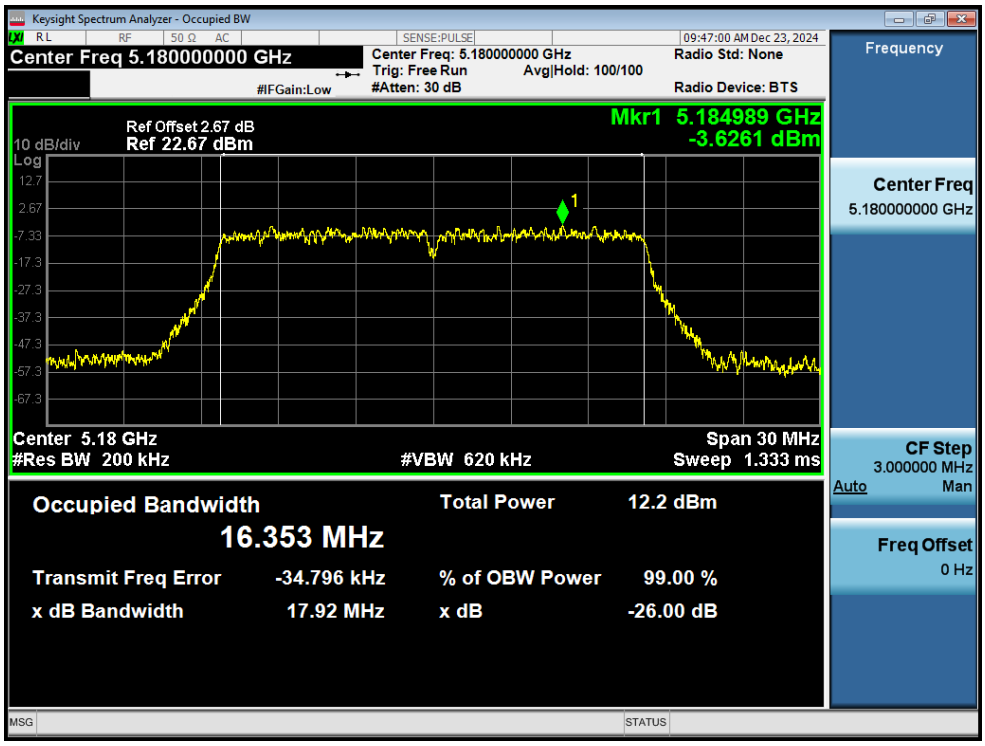
OBW NVNT a 5180MHz Ant1



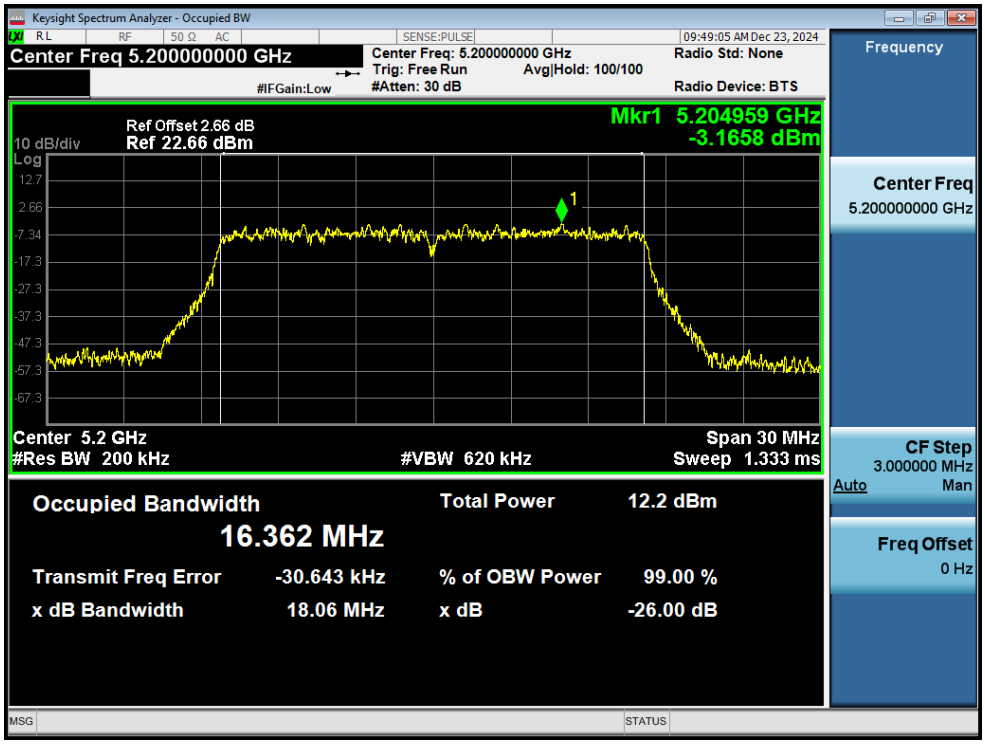
OBW NVNT a 5200MHz Ant1



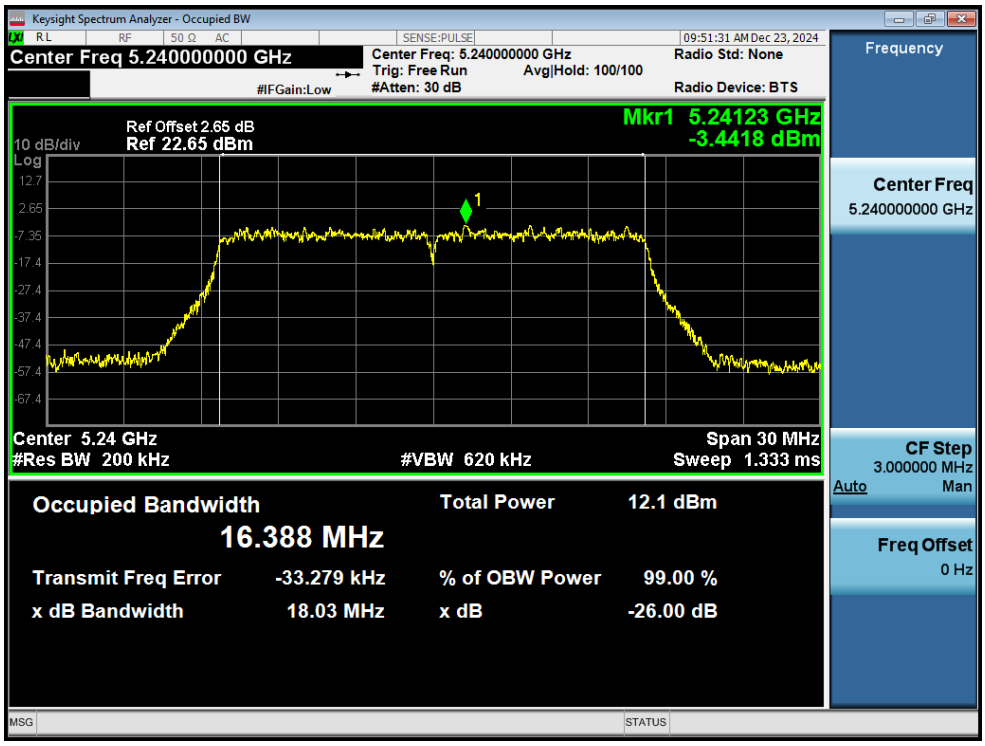
OBW NVNT a 5240MHz Ant1



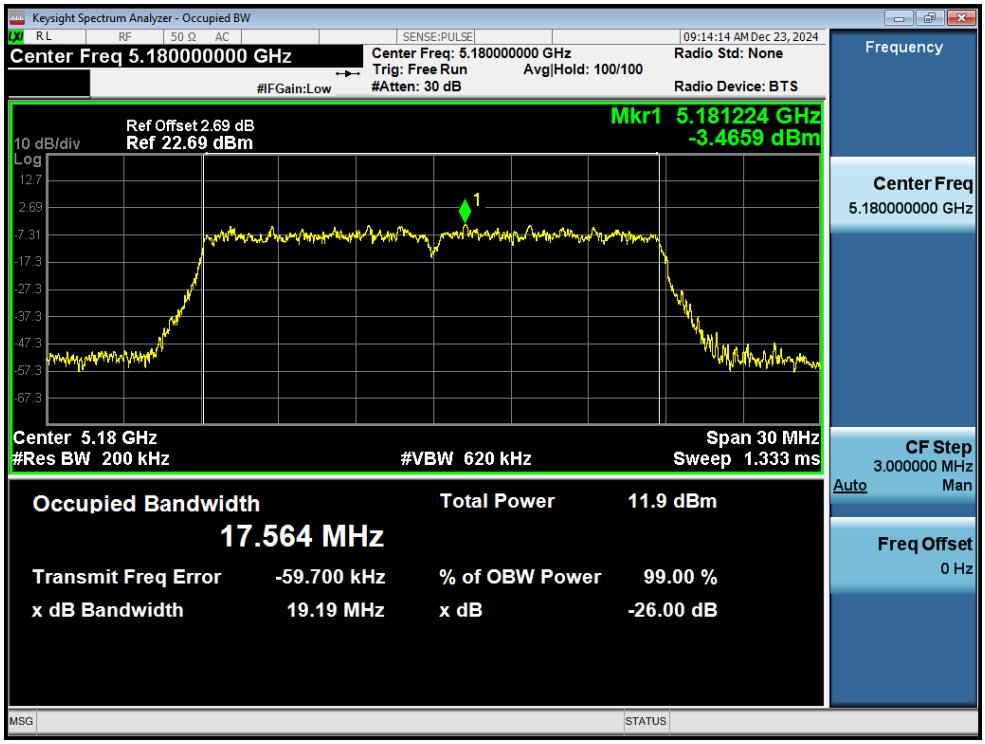
OBW NVNT a 5180MHz Ant2



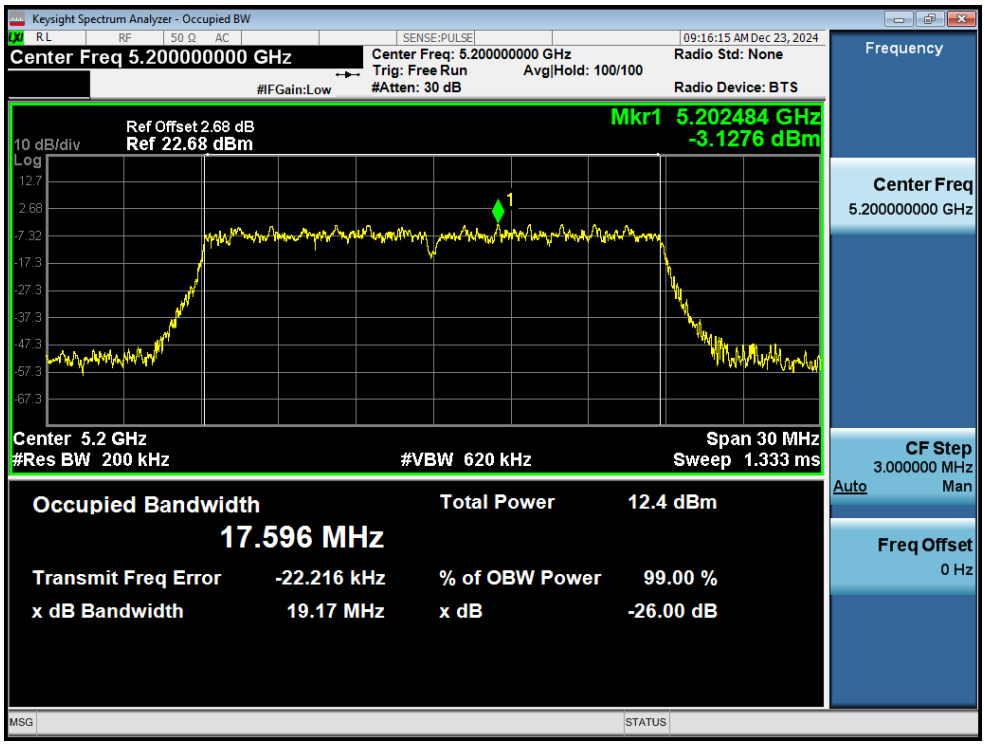
OBW NVNT a 5200MHz Ant2



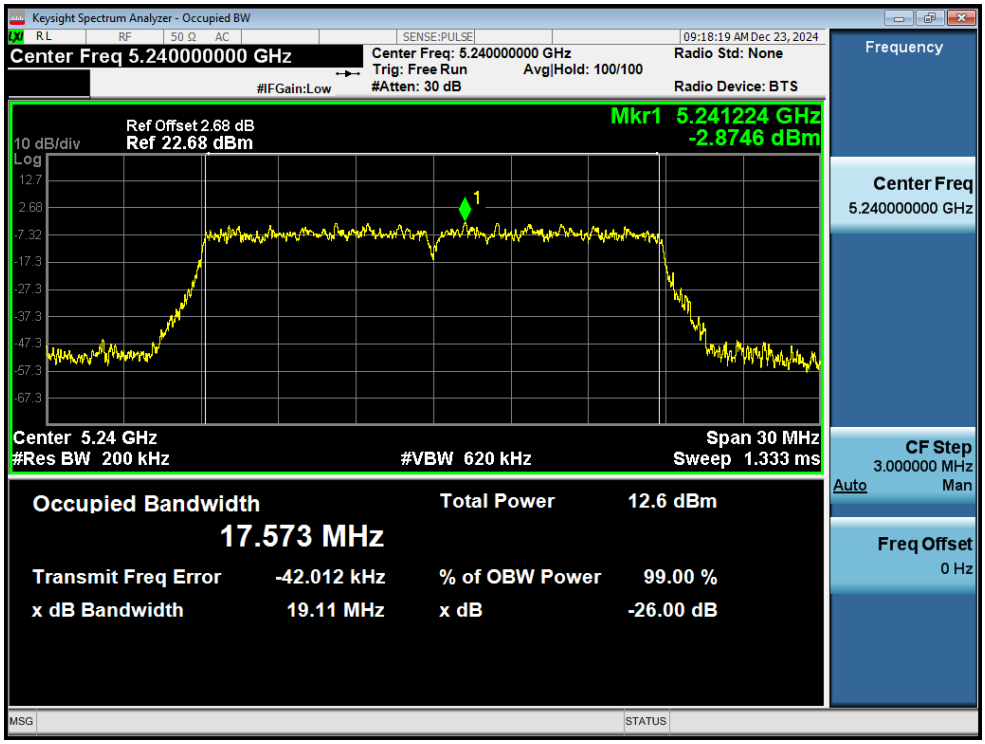
OBW NVNT a 5240MHz Ant2



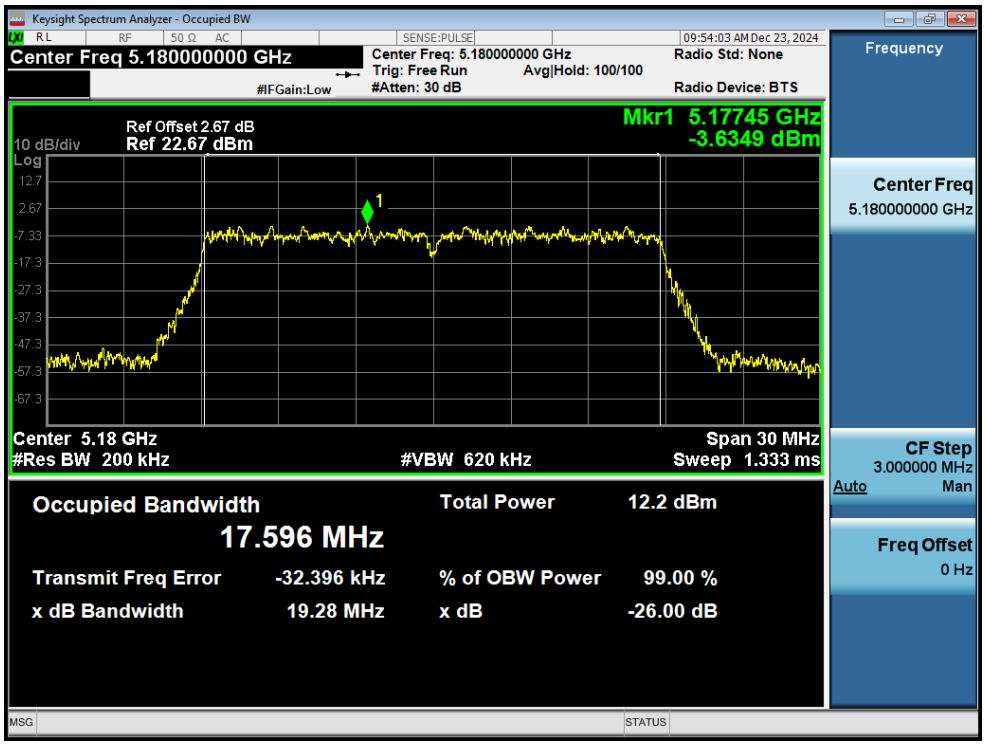
OBW NVNT n20 5180MHz Ant1



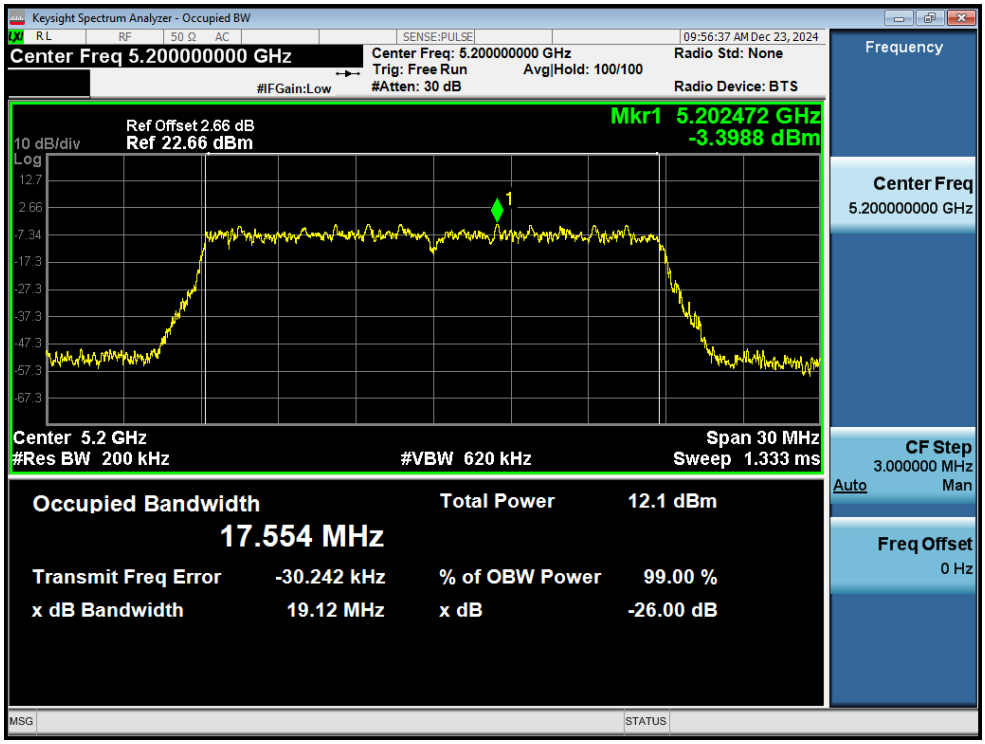
OBW NVNT n20 5200MHz Ant1



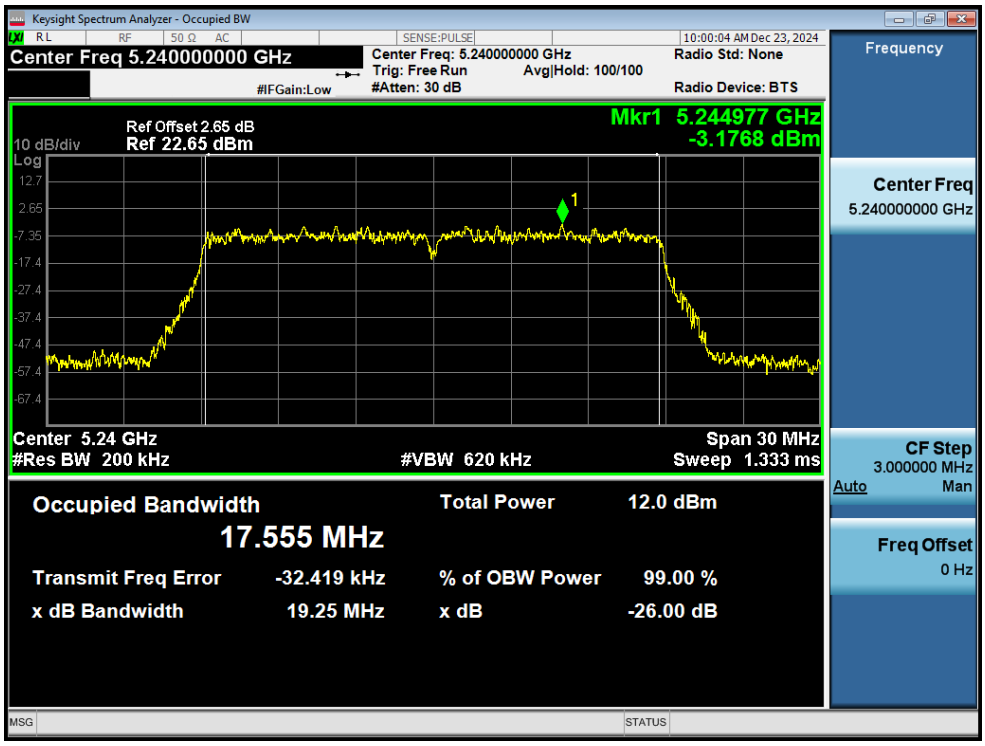
OBW NVNT n20 5240MHz Ant1



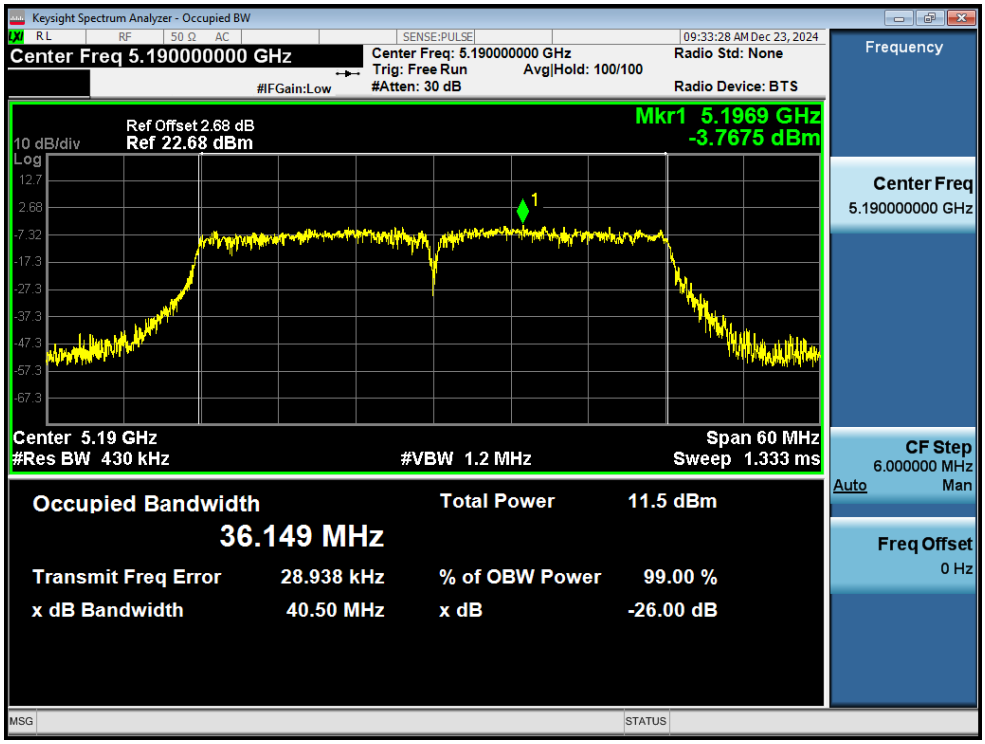
OBW NVNT n20 5180MHz Ant2



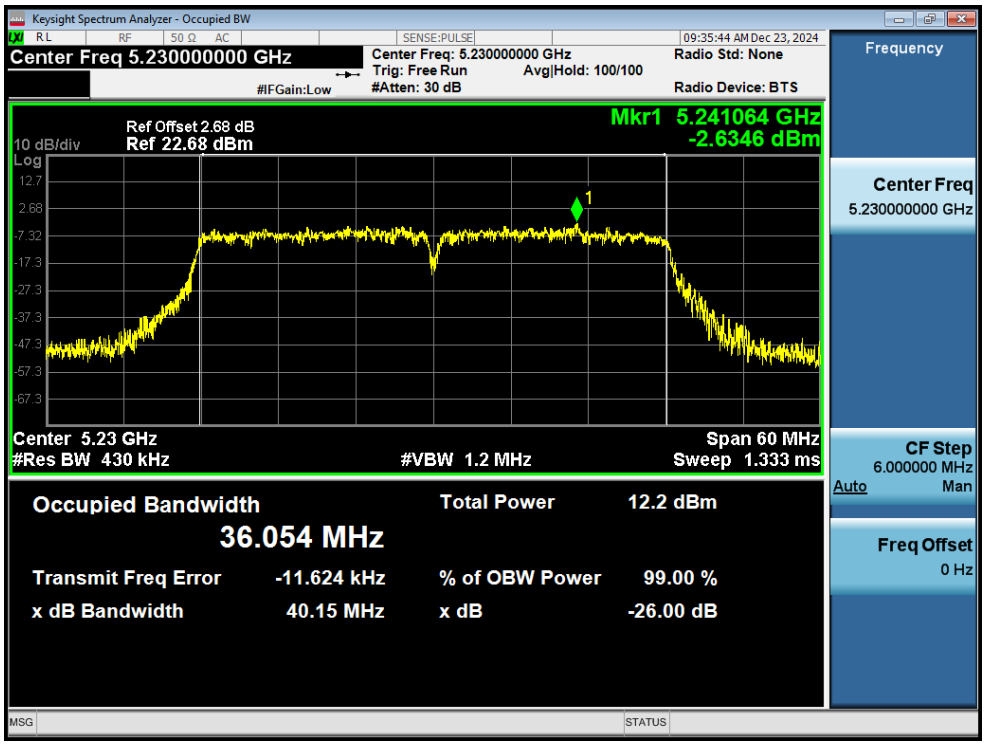
OBW NVNT n20 5200MHz Ant2



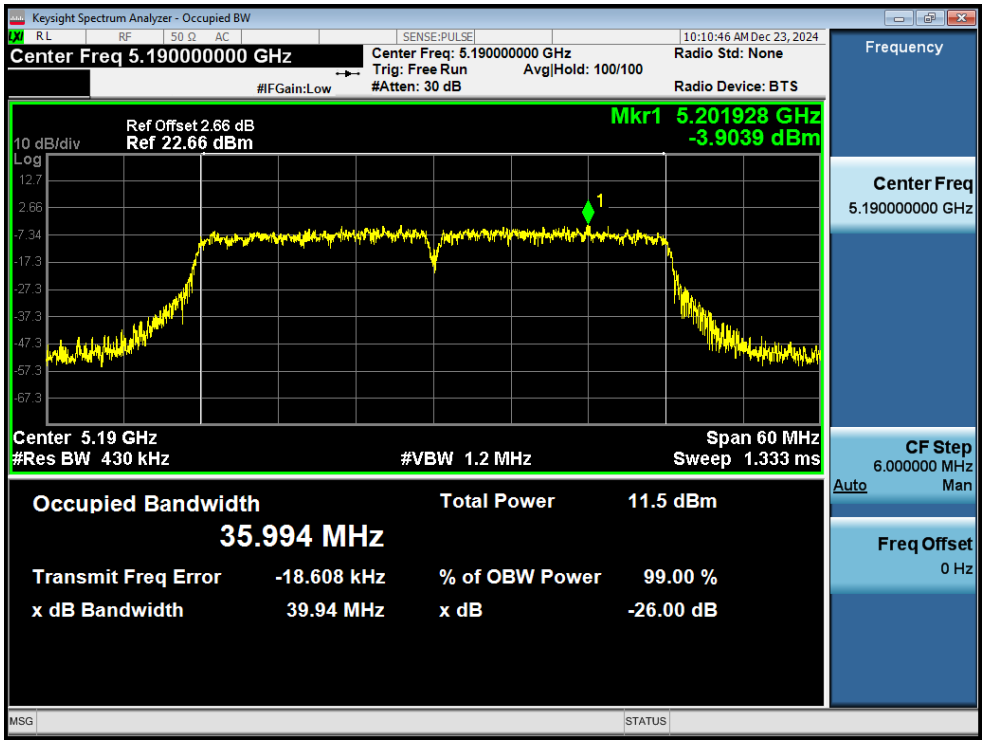
OBW NVNT n20 5240MHz Ant2



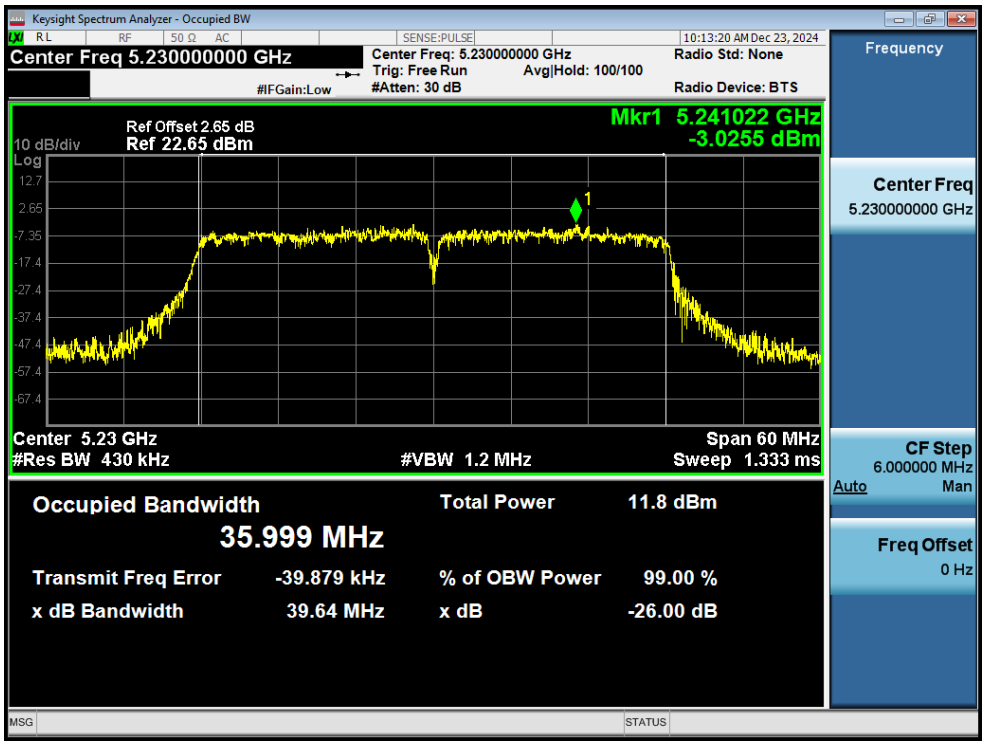
OBW NVNT n40 5190MHz Ant1



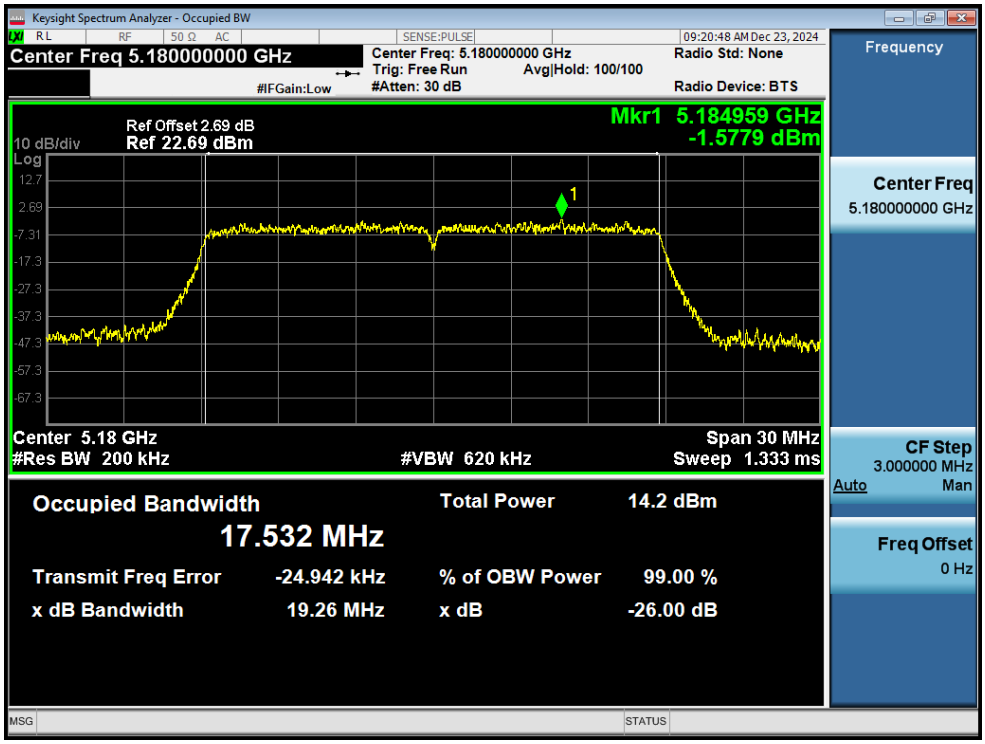
OBW NVNT n40 5230MHz Ant1



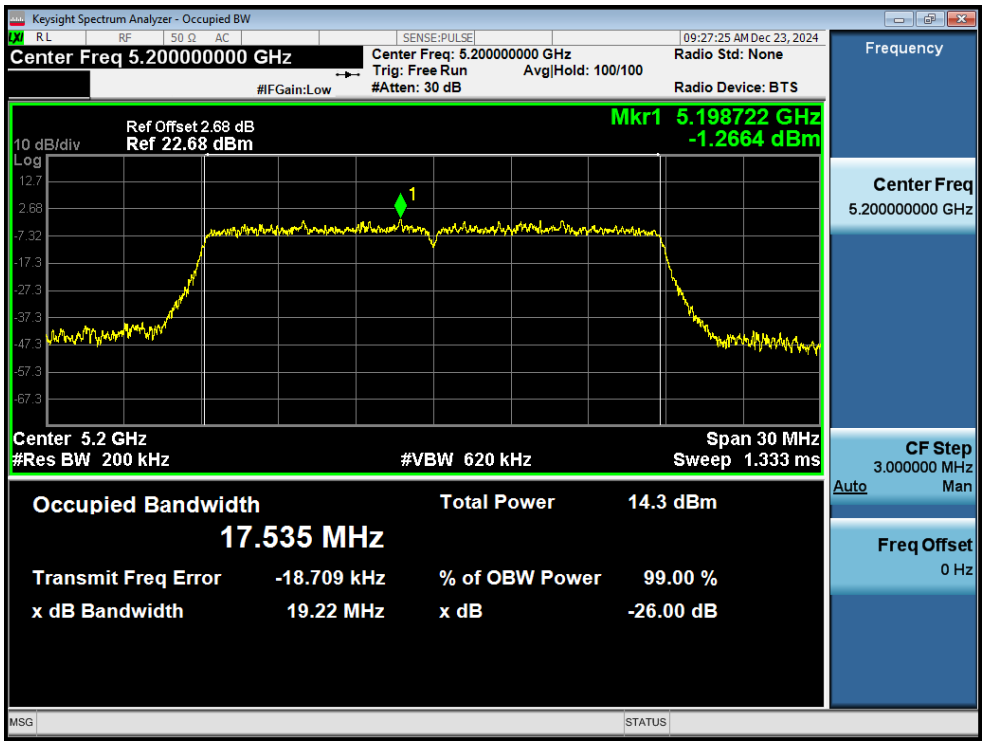
OBW NVNT n40 5190MHz Ant2



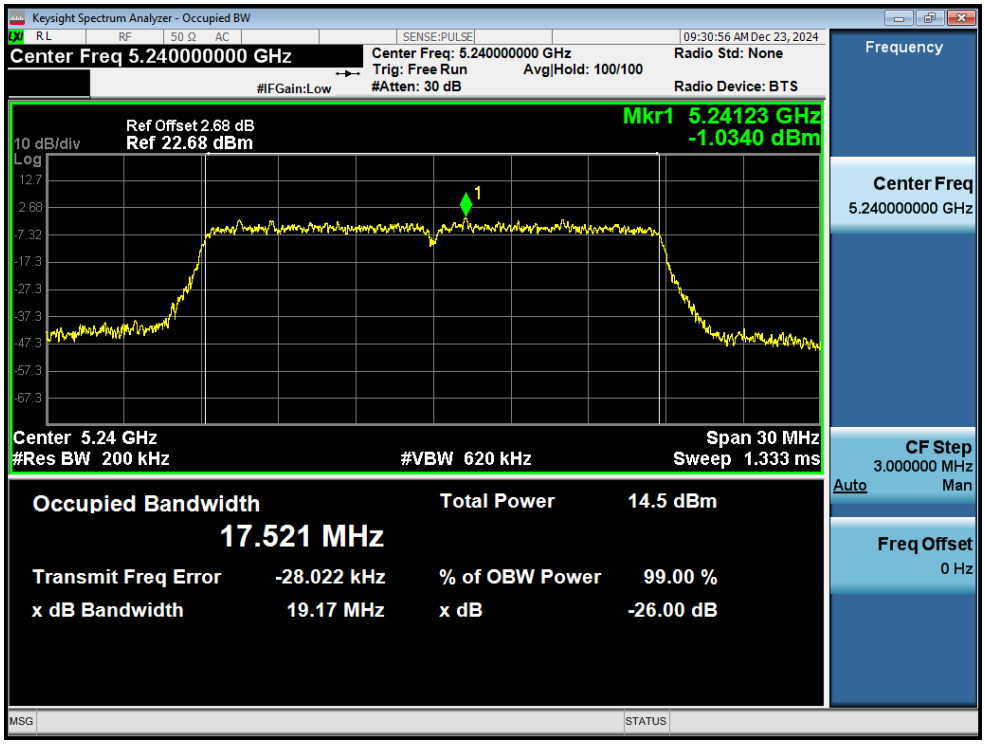
OBW NVNT n40 5230MHz Ant2



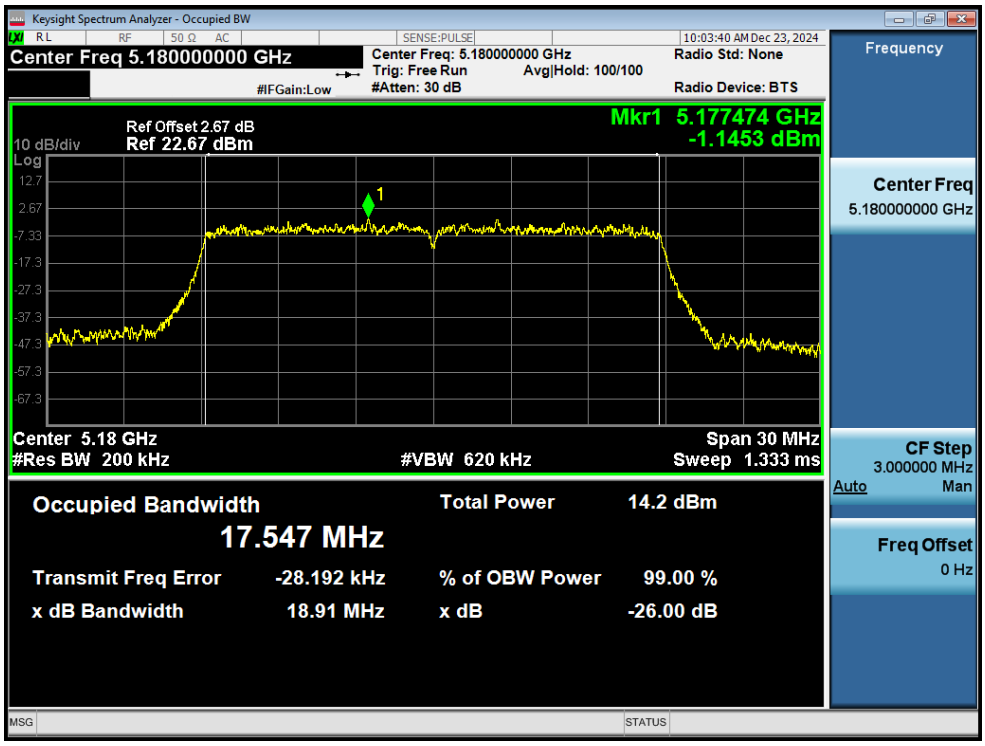
OBW NVNT ac20 5180MHz Ant1



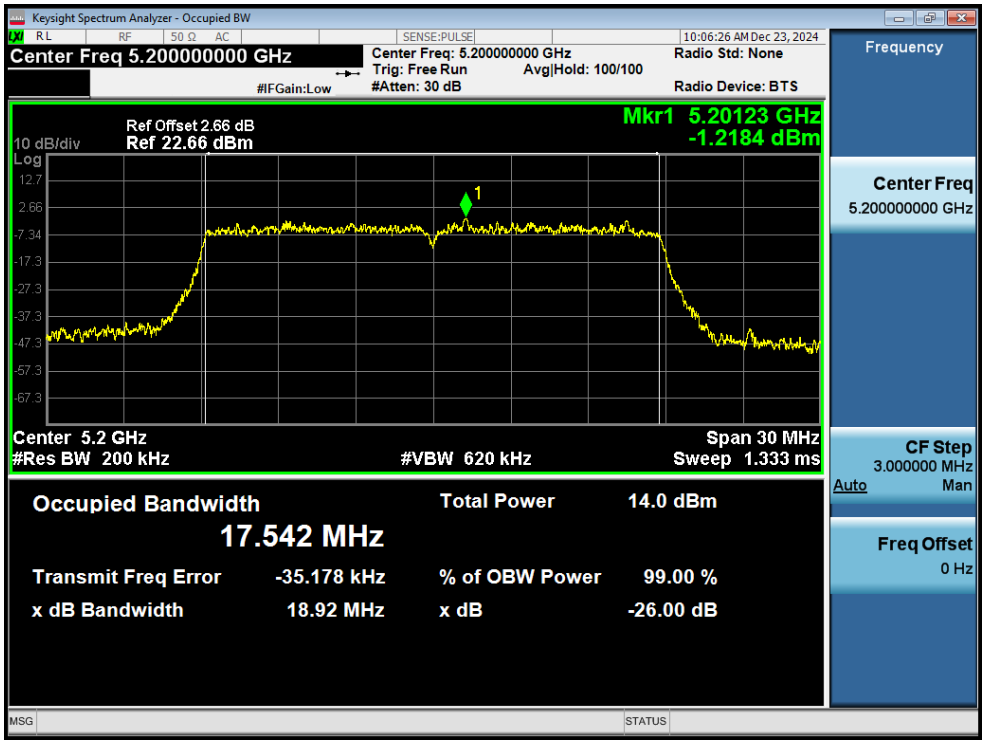
OBW NVNT ac20 5200MHz Ant1



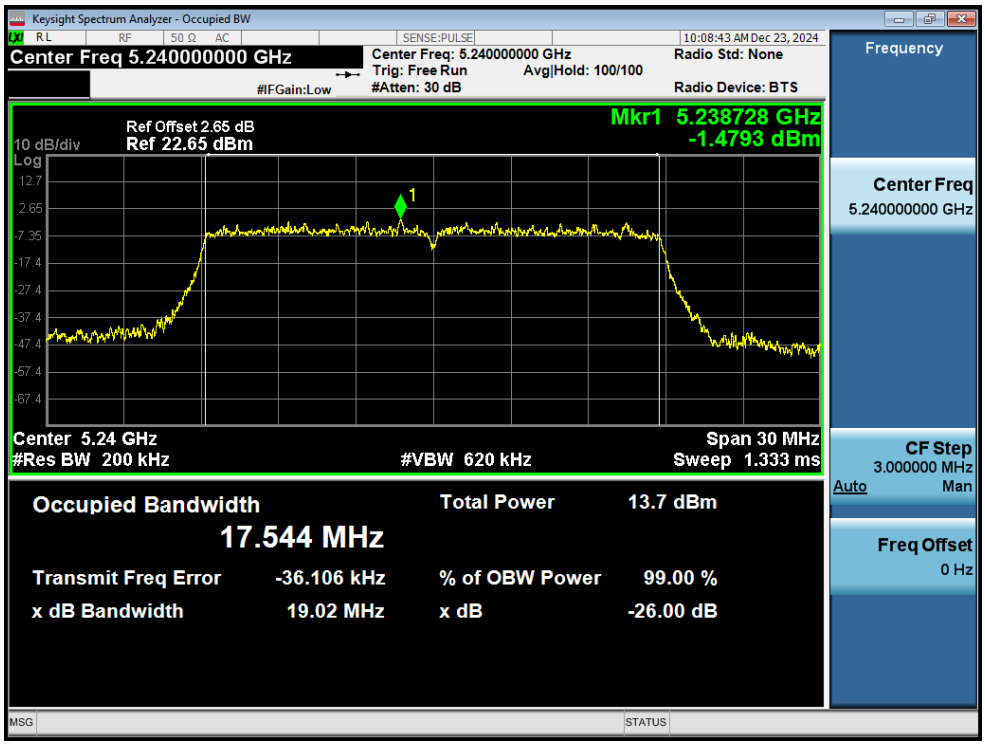
OBW NVNT ac20 5240MHz Ant1



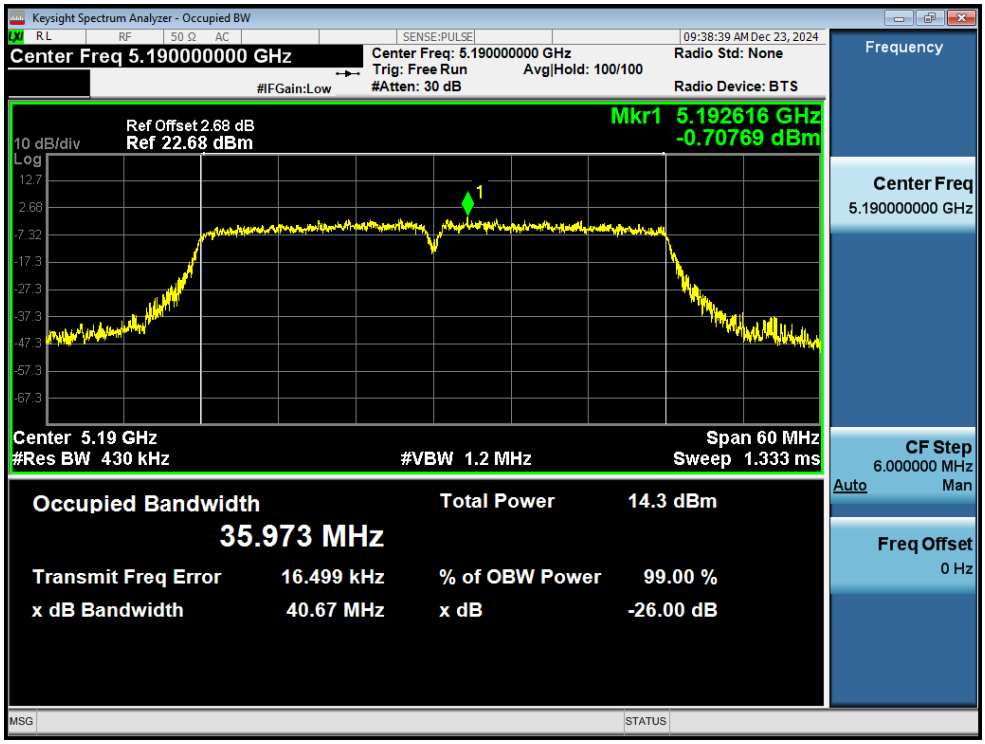
OBW NVNT ac20 5180MHz Ant2



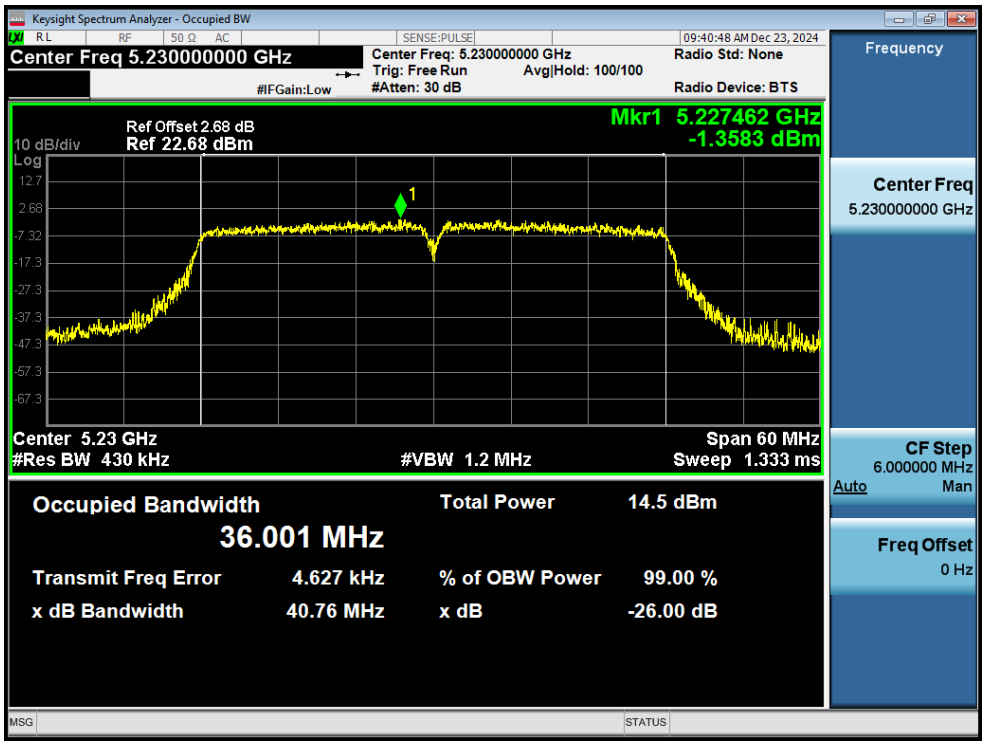
OBW NVNT ac20 5200MHz Ant2



OBW NVNT ac20 5240MHz Ant2



OBW NVNT ac40 5190MHz Ant1



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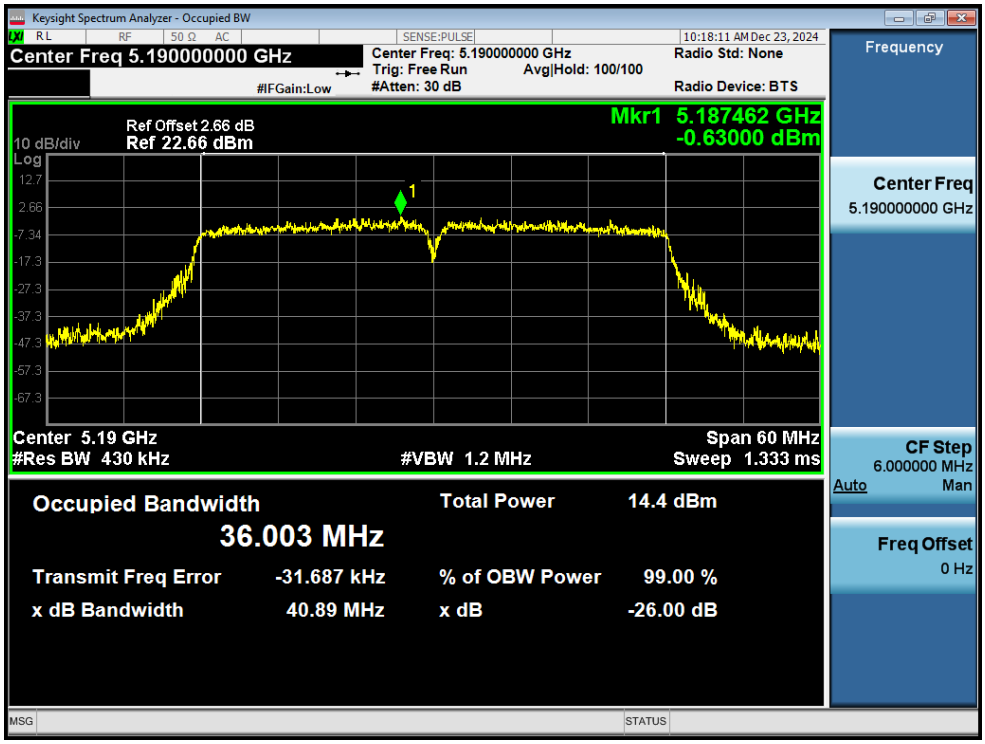
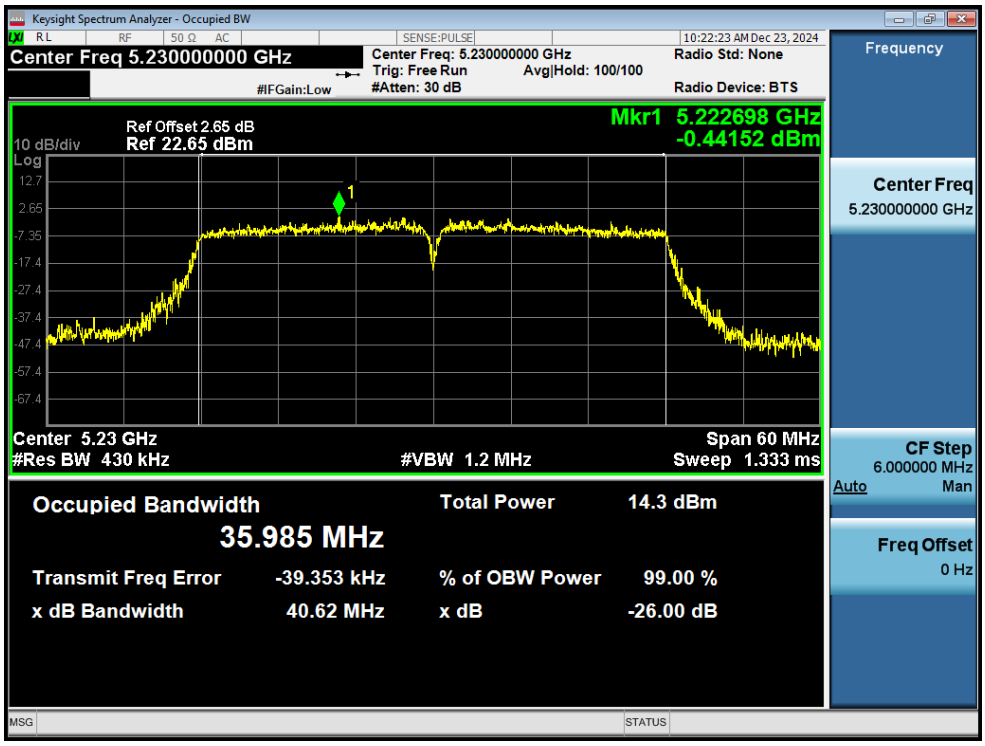
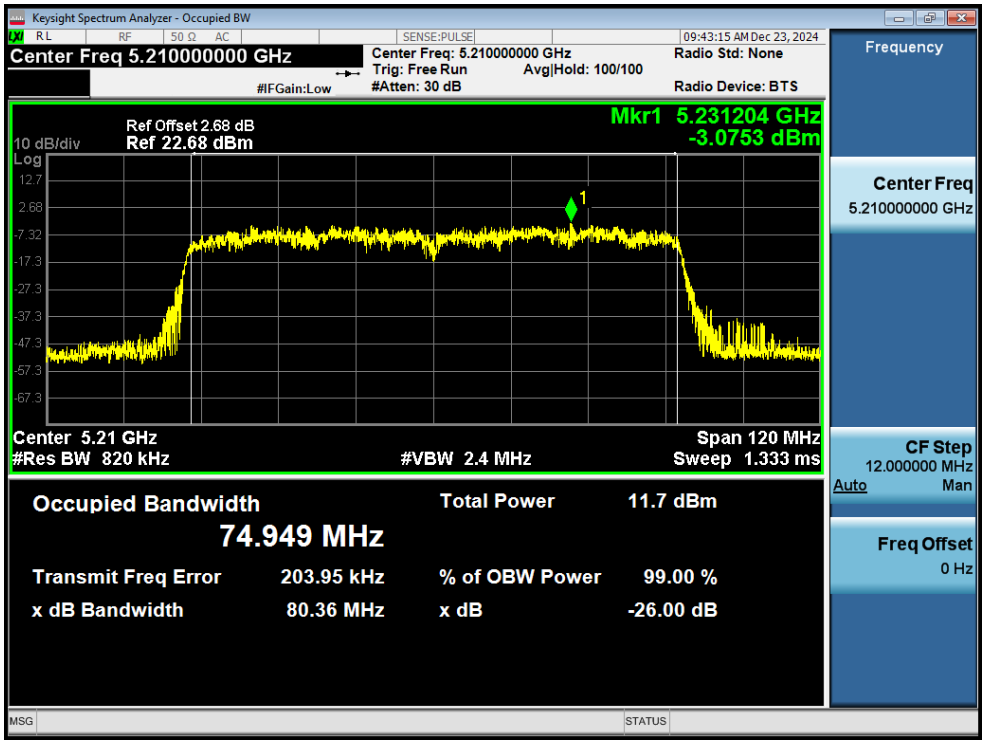


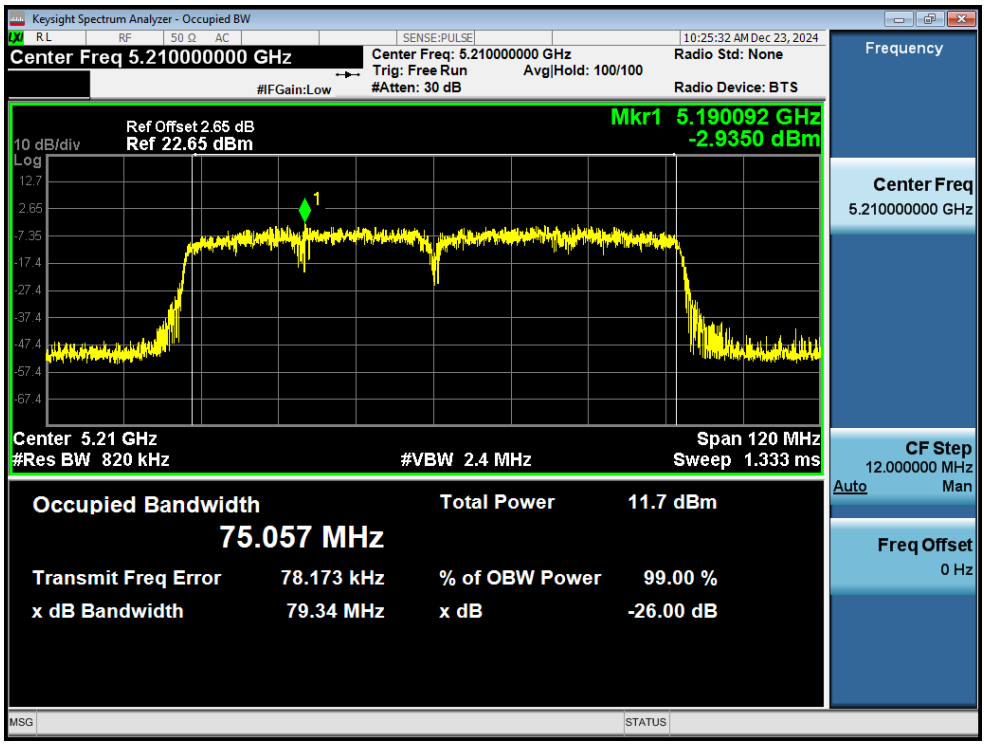
OBW NVNT ac40 5190MHz Ant2



OBW NVNT ac40 5230MHz Ant2



OBW NVNT ac80 5210MHz Ant1



OBW NVNT ac80 5210MHz Ant2

5. Maximum Power Spectral Density Level

SISO:

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-8.2	5.91	-2.29	11	Pass
NVNT	a	5200	Ant1	-7.59	5.91	-1.68	11	Pass
NVNT	a	5240	Ant1	-7.25	5.88	-1.37	11	Pass
NVNT	a	5180	Ant2	-7.06	5.91	-1.15	11	Pass
NVNT	a	5200	Ant2	-7.18	5.91	-1.27	11	Pass
NVNT	a	5240	Ant2	-7.44	5.88	-1.56	11	Pass
NVNT	n20	5180	Ant1	-8.17	6.11	-2.06	11	Pass
NVNT	n20	5200	Ant1	-8	6.14	-1.86	11	Pass
NVNT	n20	5240	Ant1	-7.43	6.14	-1.29	11	Pass
NVNT	n20	5180	Ant2	-7.87	6.11	-1.76	11	Pass
NVNT	n20	5200	Ant2	-8.21	6.11	-2.1	11	Pass
NVNT	n20	5240	Ant2	-8.02	6.11	-1.91	11	Pass
NVNT	n40	5190	Ant1	-12.36	7.85	-4.51	11	Pass
NVNT	n40	5230	Ant1	-11.85	7.85	-4	11	Pass
NVNT	n40	5190	Ant2	-11.31	0	-11.31	11	Pass
NVNT	n40	5230	Ant2	-12.63	9.03	-3.6	11	Pass
NVNT	ac20	5180	Ant1	-3.63	2.44	-1.19	11	Pass
NVNT	ac20	5200	Ant1	-3.97	2.45	-1.52	11	Pass
NVNT	ac20	5240	Ant1	-3.36	2.45	-0.91	11	Pass
NVNT	ac20	5180	Ant2	-2.9	2.44	-0.46	11	Pass
NVNT	ac20	5200	Ant2	-3.38	2.45	-0.93	11	Pass
NVNT	ac20	5240	Ant2	-3.5	2.44	-1.06	11	Pass
NVNT	ac40	5190	Ant1	-7.1	3.93	-3.17	11	Pass
NVNT	ac40	5230	Ant1	-7.12	3.91	-3.21	11	Pass
NVNT	ac40	5190	Ant2	-7.56	9.03	1.47	11	Pass
NVNT	ac40	5230	Ant2	-7.33	9.03	1.7	11	Pass
NVNT	ac80	5210	Ant1	-14.95	9.4	-5.55	11	Pass
NVNT	ac80	5210	Ant2	-16.31	0	-16.31	11	Pass

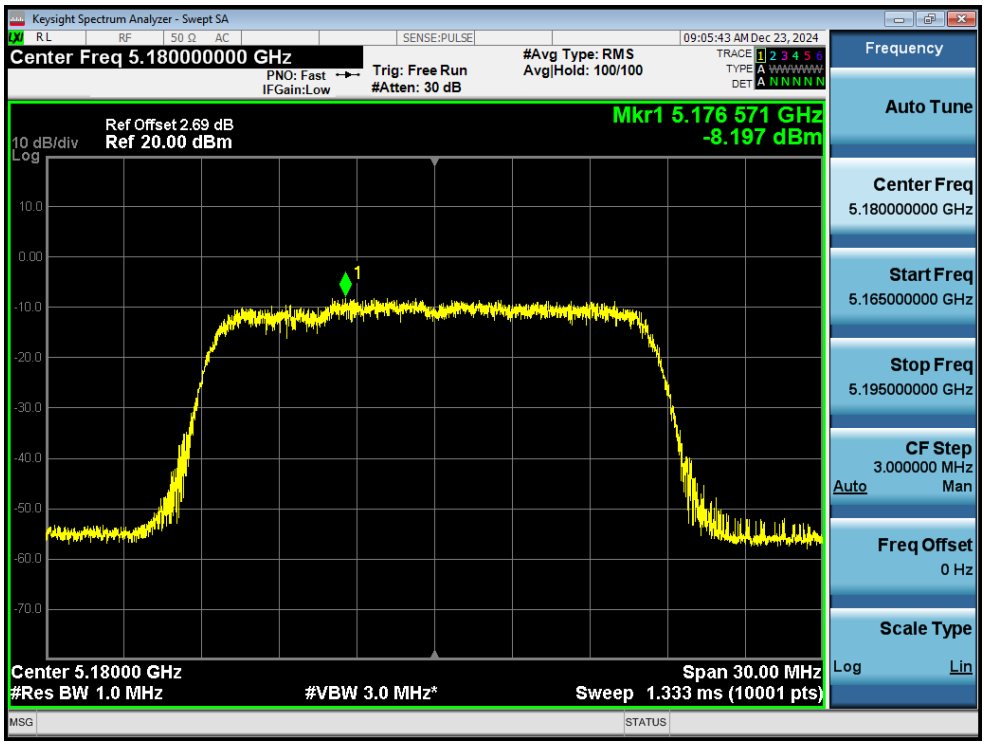
MIMO mode:

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	n20	5180	Ant1	-8.58	6.37	-2.21	11	Pass
NVNT	n20	5180	Ant2	-8.47	6.37	-2.1	11	Pass
NVNT	n20	5180	Sum	-5.51	6.37	0.86	11	Pass
NVNT	n20	5200	Ant1	-7.82	6.4	-1.42	11	Pass
NVNT	n20	5200	Ant2	-8.56	6.4	-2.16	11	Pass
NVNT	n20	5200	Sum	-5.16	6.4	1.24	11	Pass
NVNT	n20	5240	Ant1	-7.54	6.39	-1.15	11	Pass
NVNT	n20	5240	Ant2	-6.99	6.39	-0.60	11	Pass
NVNT	n20	5240	Sum	-4.25	6.39	2.14	11	Pass
NVNT	n40	5190	Ant1	-12.82	9.03	-3.79	11	Pass
NVNT	n40	5190	Ant2	-10.77	9.03	-1.74	11	Pass
NVNT	n40	5190	Sum	-8.66	9.03	0.36	11	Pass
NVNT	n40	5230	Ant1	-11.79	0	-11.79	11	Pass
NVNT	n40	5230	Ant2	-12.82	0	-12.82	11	Pass
NVNT	n40	5230	Sum	-9.26	0	-9.26	11	Pass
NVNT	ac20	5180	Ant1	-3.97	2.63	-1.34	11	Pass
NVNT	ac20	5180	Ant2	-2.81	2.63	-0.18	11	Pass
NVNT	ac20	5180	Sum	-0.34	2.63	2.29	11	Pass
NVNT	ac20	5200	Ant1	-2.82	2.63	-0.19	11	Pass
NVNT	ac20	5200	Ant2	-4.33	2.63	-1.7	11	Pass
NVNT	ac20	5200	Sum	-0.5	2.63	2.13	11	Pass
NVNT	ac20	5240	Ant1	-3.17	2.64	-0.53	11	Pass
NVNT	ac20	5240	Ant2	-3.42	2.64	-0.78	11	Pass
NVNT	ac20	5240	Sum	-0.28	2.64	2.36	11	Pass
NVNT	ac40	5190	Ant1	-6.86	9.03	2.17	11	Pass
NVNT	ac40	5190	Ant2	-6.87	9.03	2.16	11	Pass
NVNT	ac40	5190	Sum	-3.85	9.03	5.18	11	Pass
NVNT	ac40	5230	Ant1	-6.08	9.03	2.95	11	Pass
NVNT	ac40	5230	Ant2	-7.01	9.03	2.02	11	Pass
NVNT	ac40	5230	Sum	-3.51	9.03	5.52	11	Pass
NVNT	ac80	5210	Ant1	-15.49	14.47	-1.02	11	Pass
NVNT	ac80	5210	Ant2	-13.91	14.47	0.56	11	Pass
NVNT	ac80	5210	Sum	-11.62	14.47	2.85	11	Pass

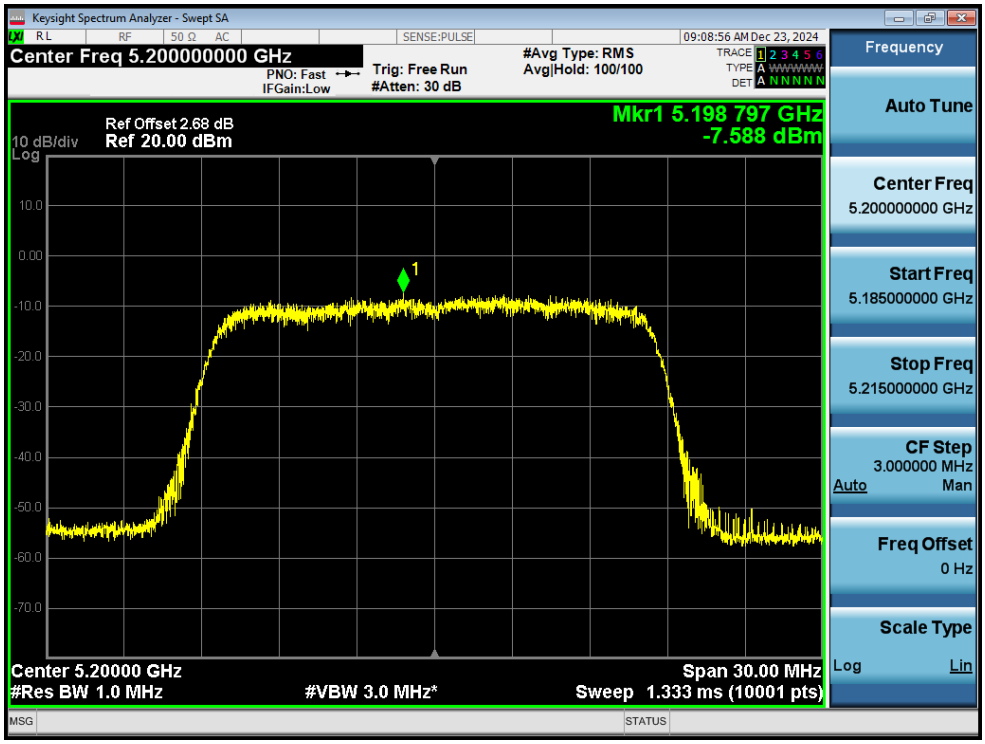
Note1: Sum PSD (mW) = Ant.1 PSD (mW) + Ant.2 PSD (mW)

Note2: Total PSD = Conducted PSD + Duty Factor

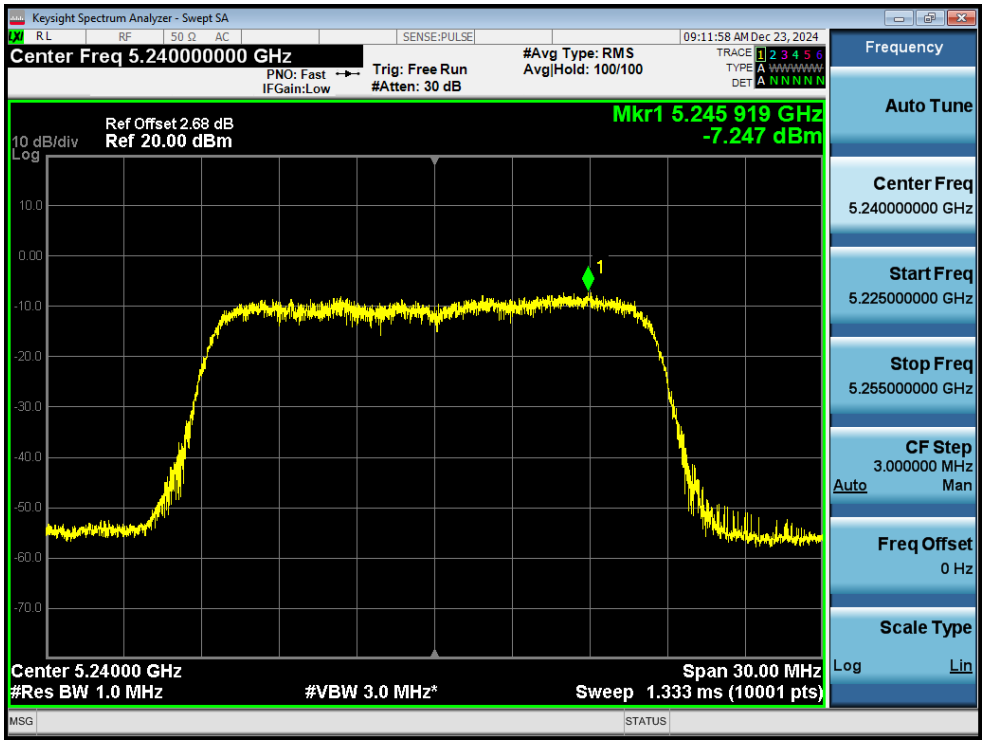
SISO:



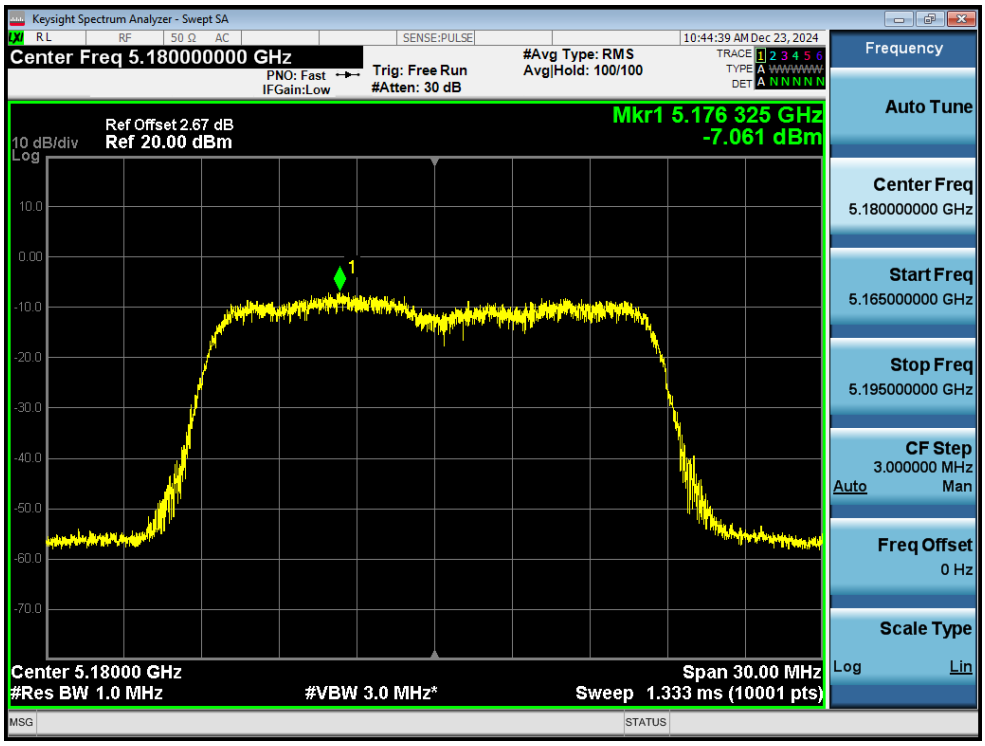
PSD NVNT a 5180MHz Ant1



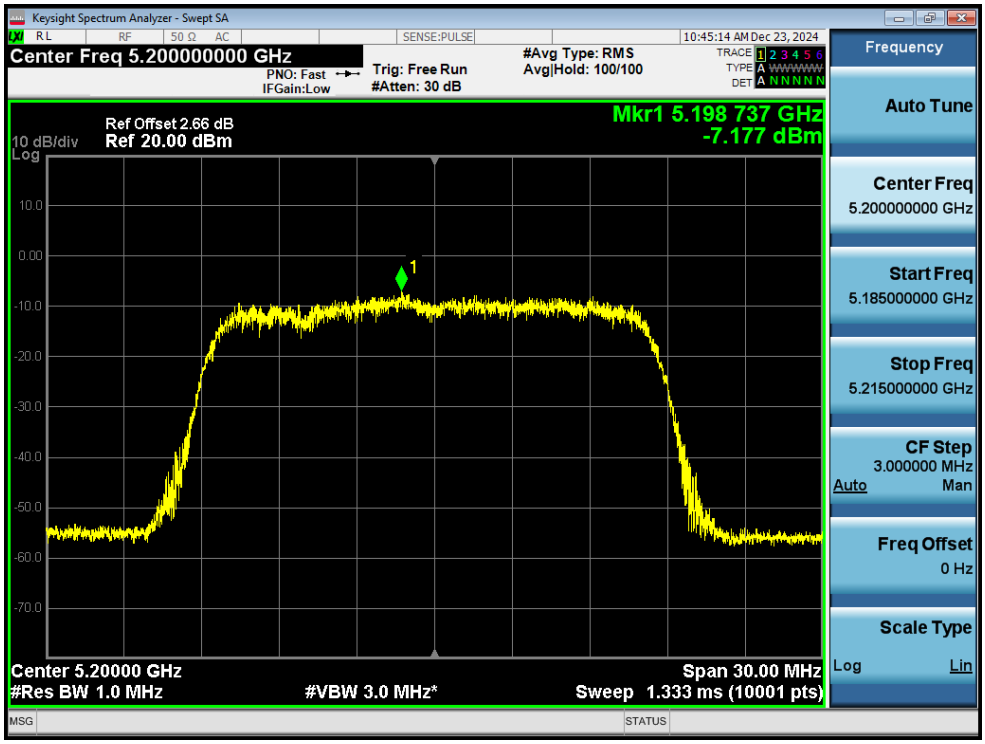
PSD NVNT a 5200MHz Ant1



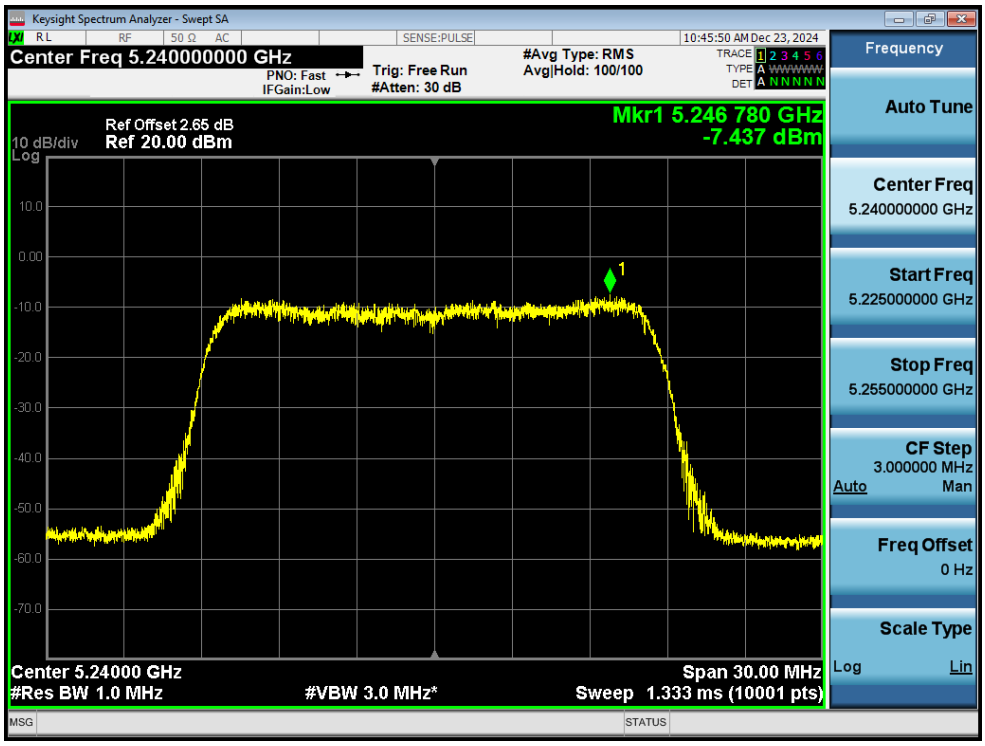
PSD NVNT a 5240MHz Ant1



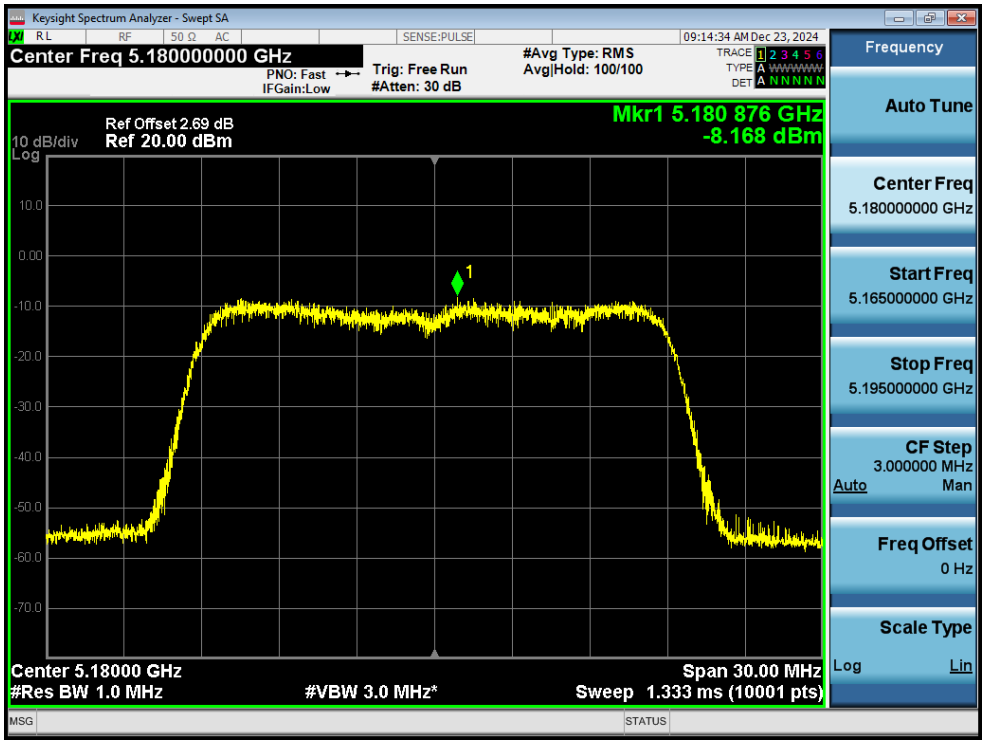
PSD NVNT a 5180MHz Ant2



PSD NVNT a 5200MHz Ant2

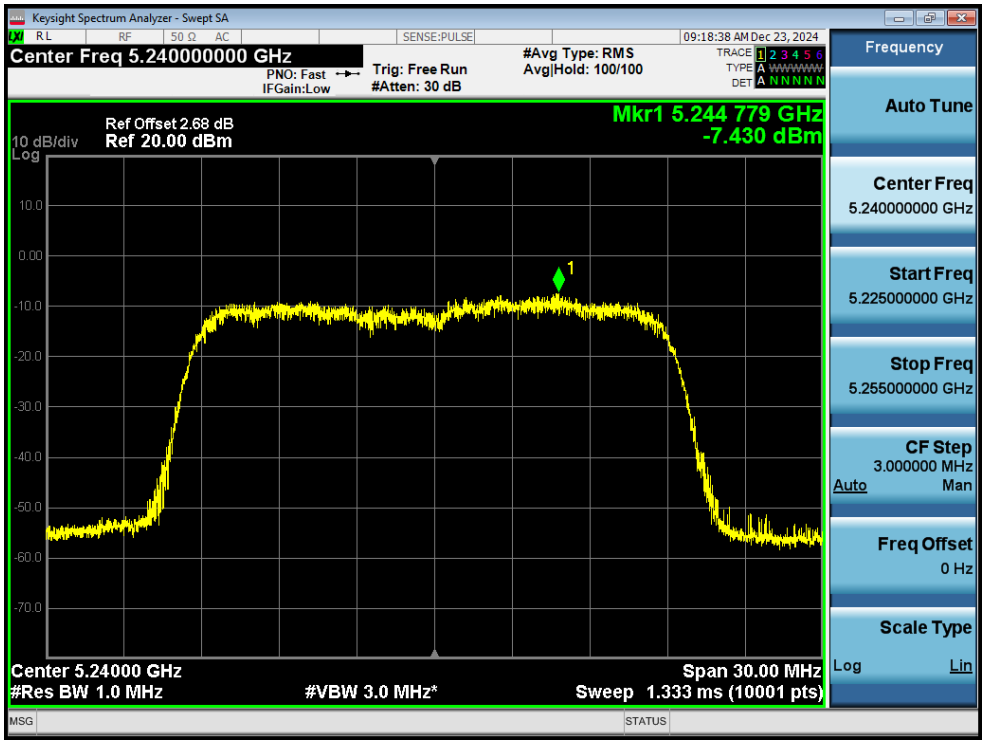


PSD NVNT a 5240MHz Ant2



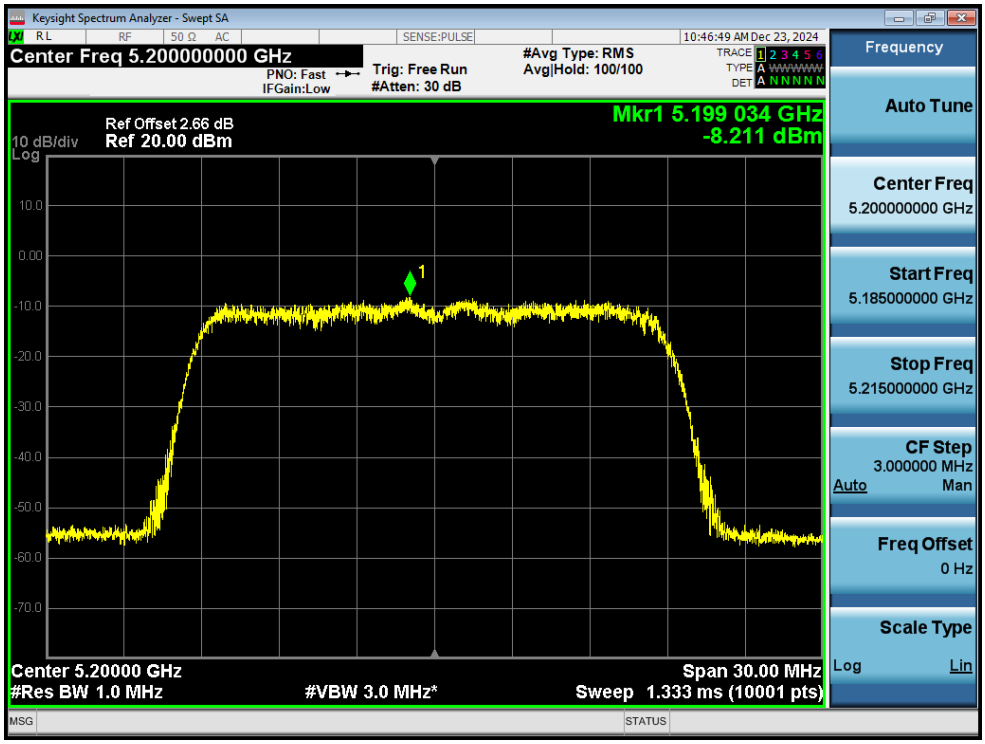
PSD NVNT n20 5180MHz Ant1

PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1

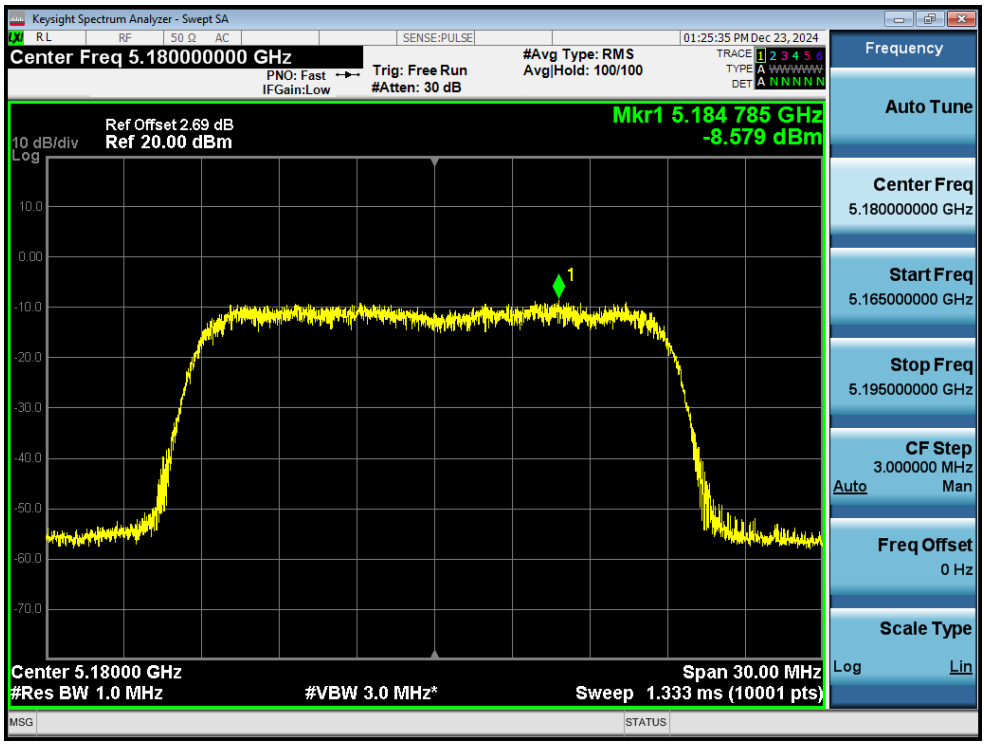
PSD NVNT n20 5180MHz Ant2



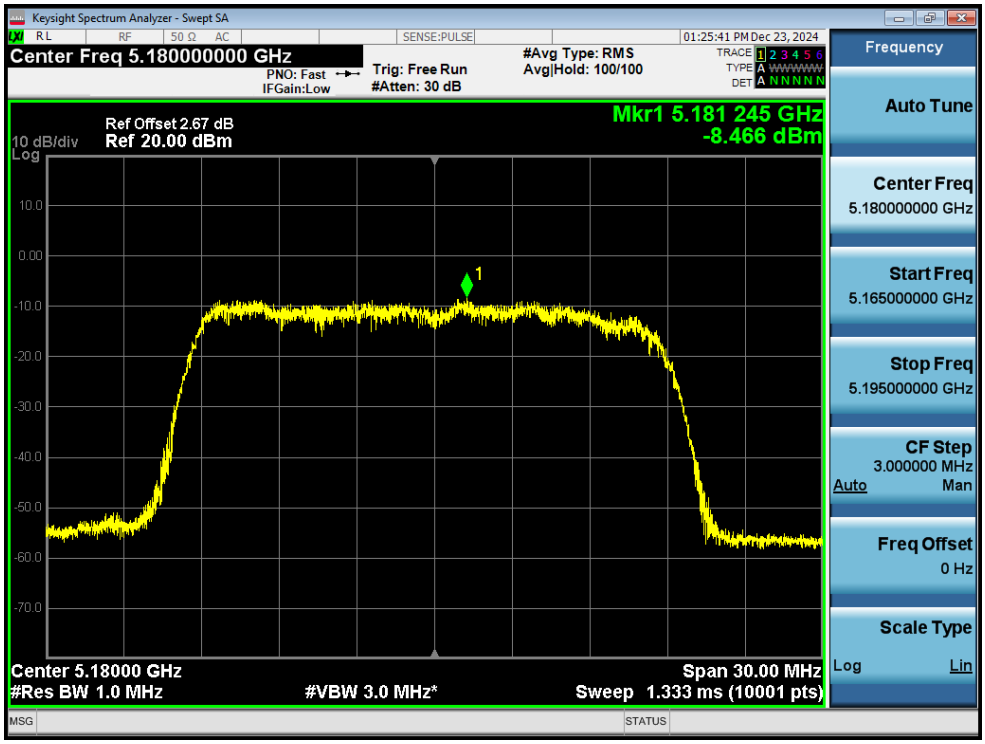
PSD NVNT n20 5200MHz Ant2

PSD NVNT n20 5240MHz Ant2

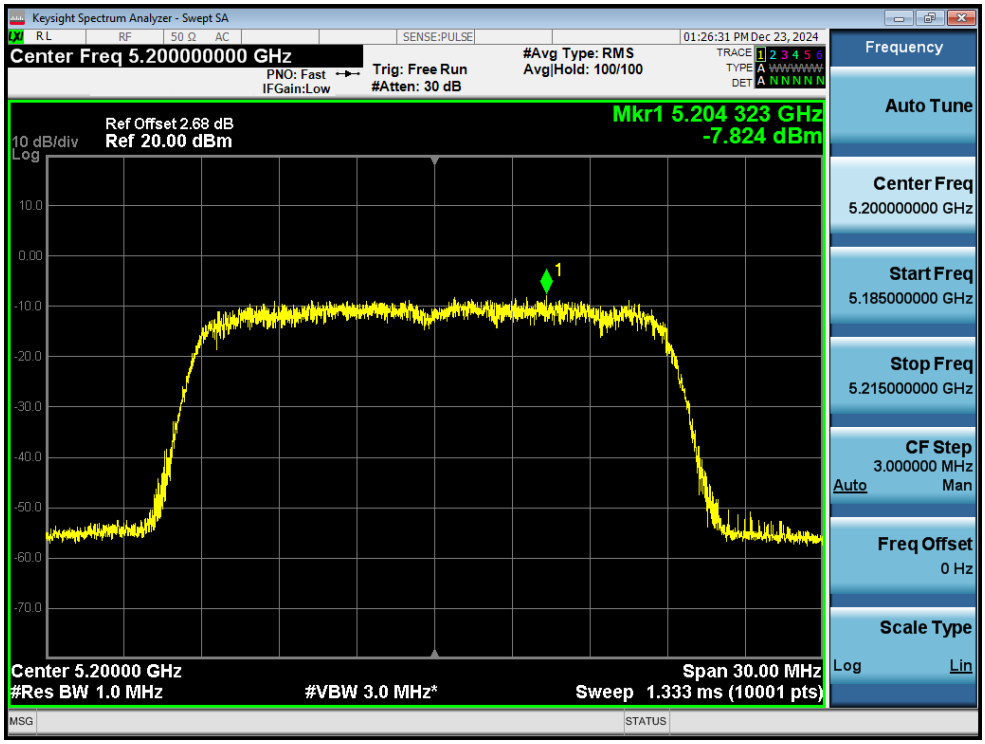
MIMO mode:



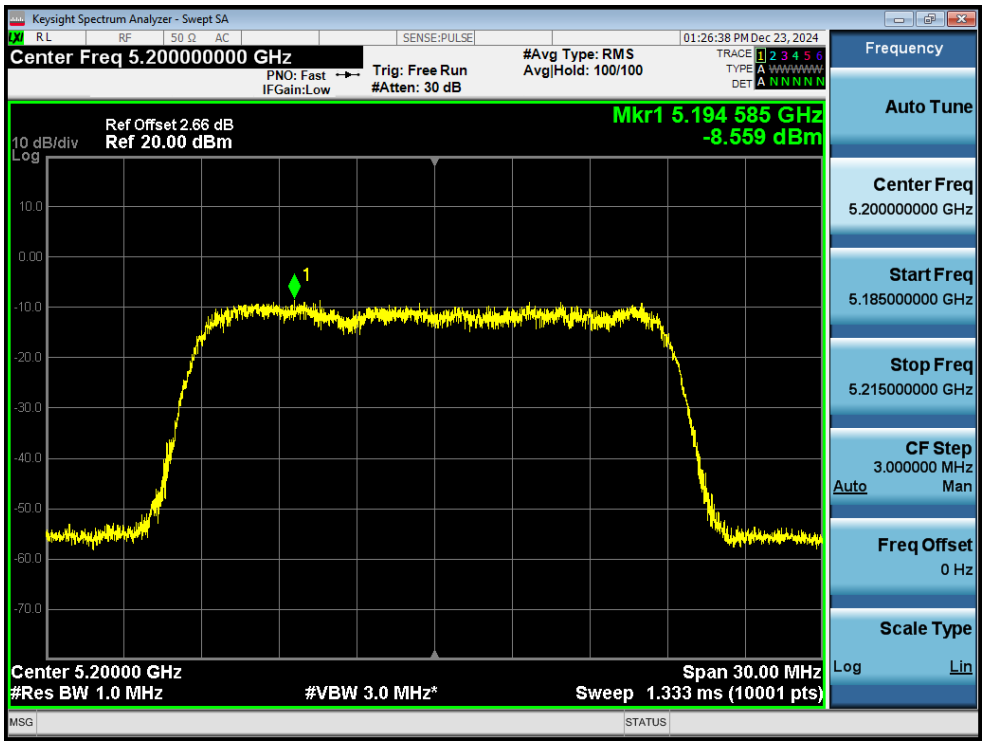
PSD NVNT n20 5180MHz Ant1



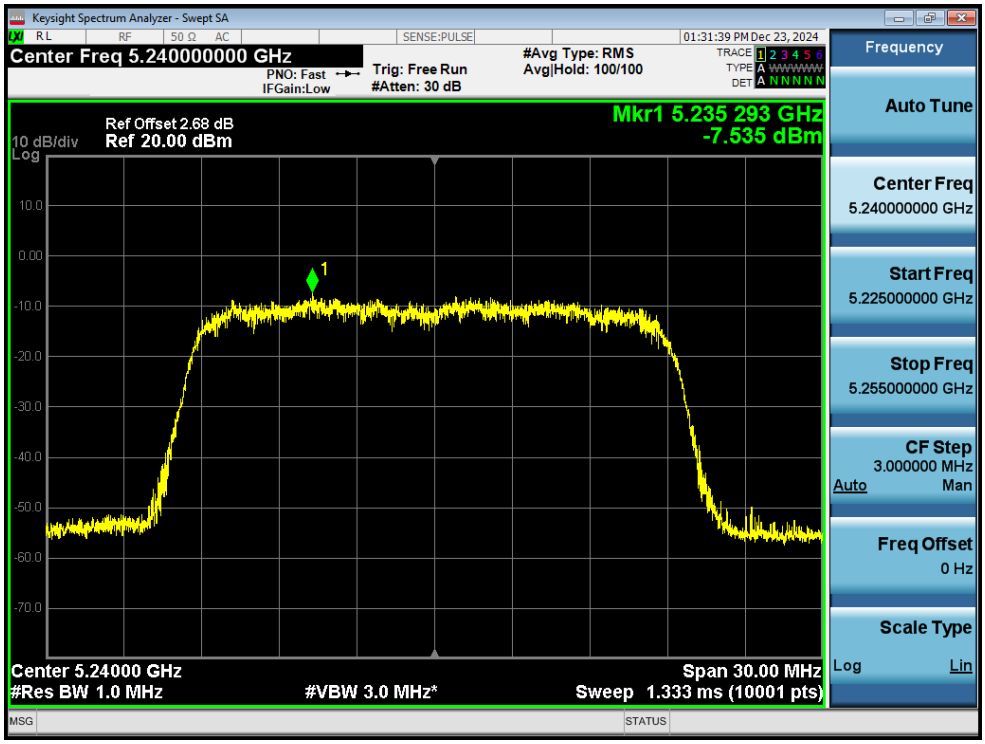
PSD NVNT n20 5180MHz Ant2



PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5200MHz Ant2



PSD NVNT n20 5240MHz Ant1

PSD NVNT n20 5240MHz Ant2

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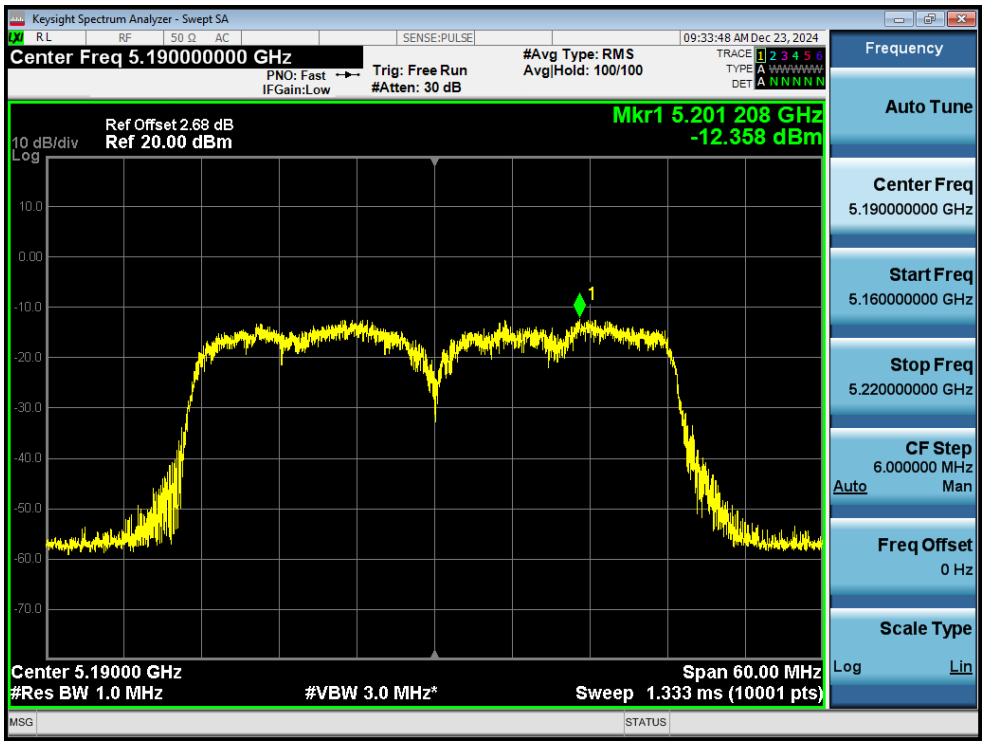
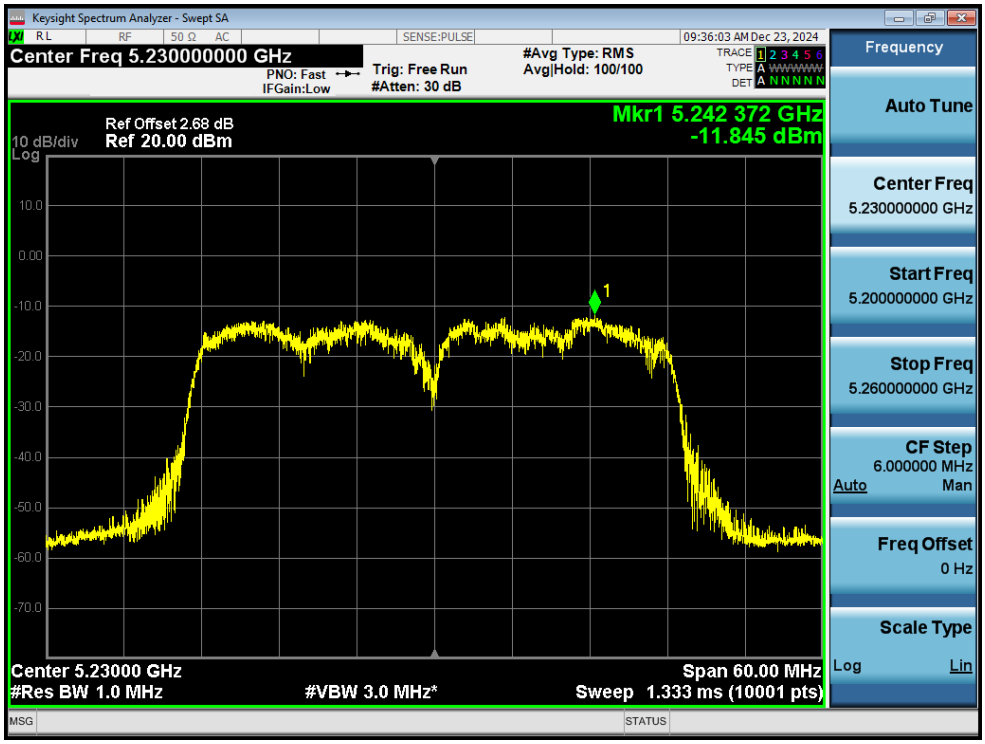
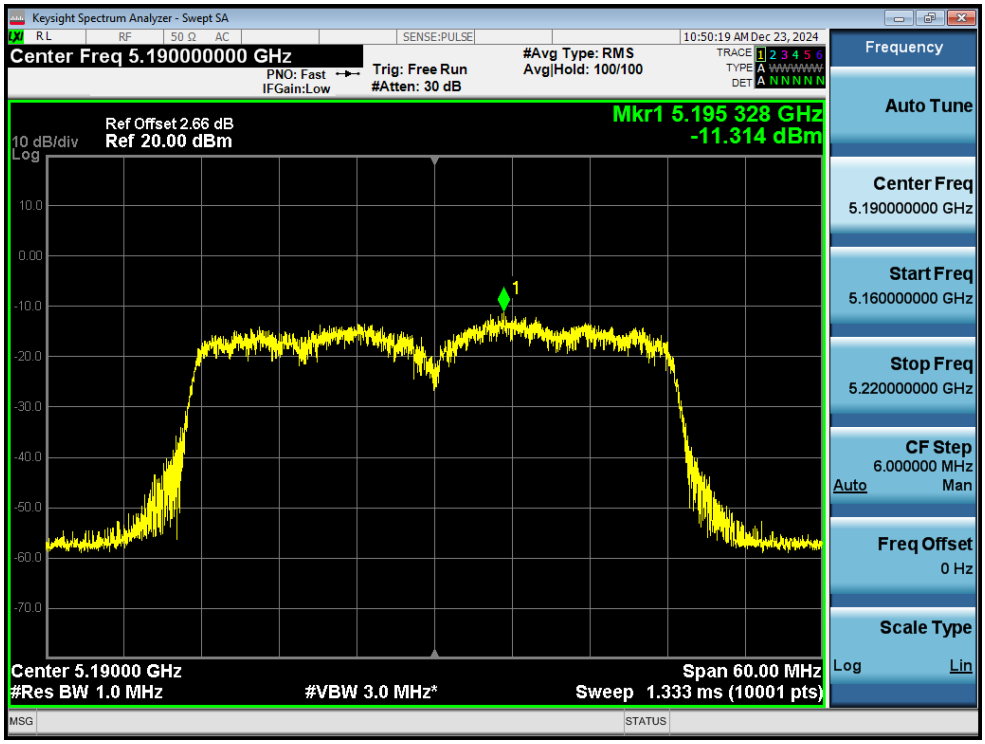


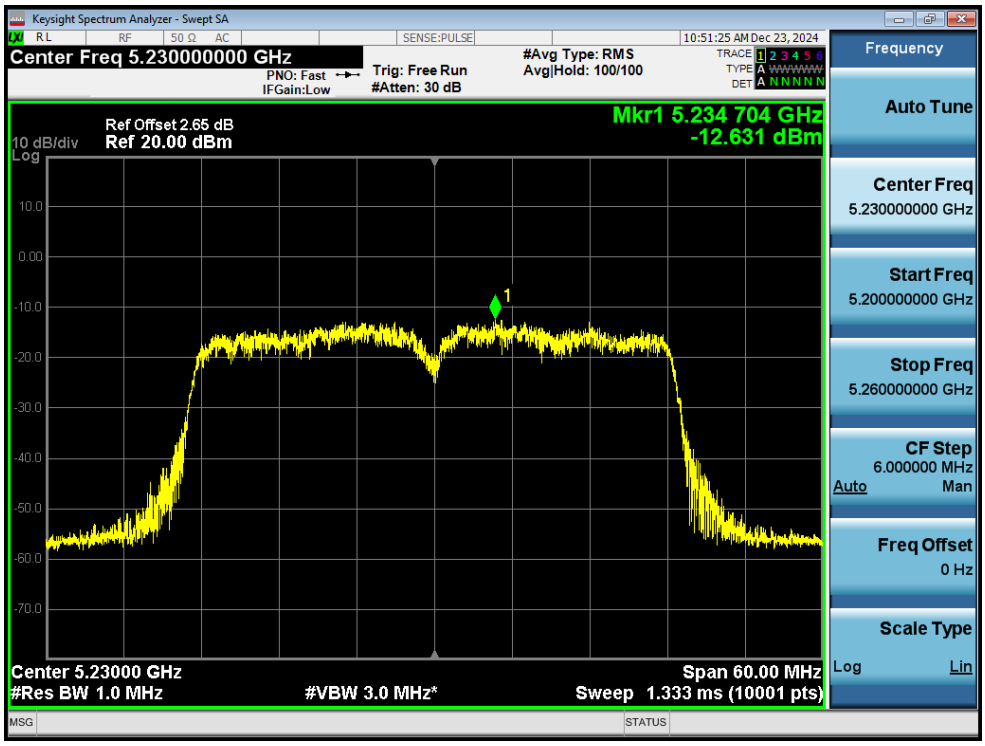
PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2

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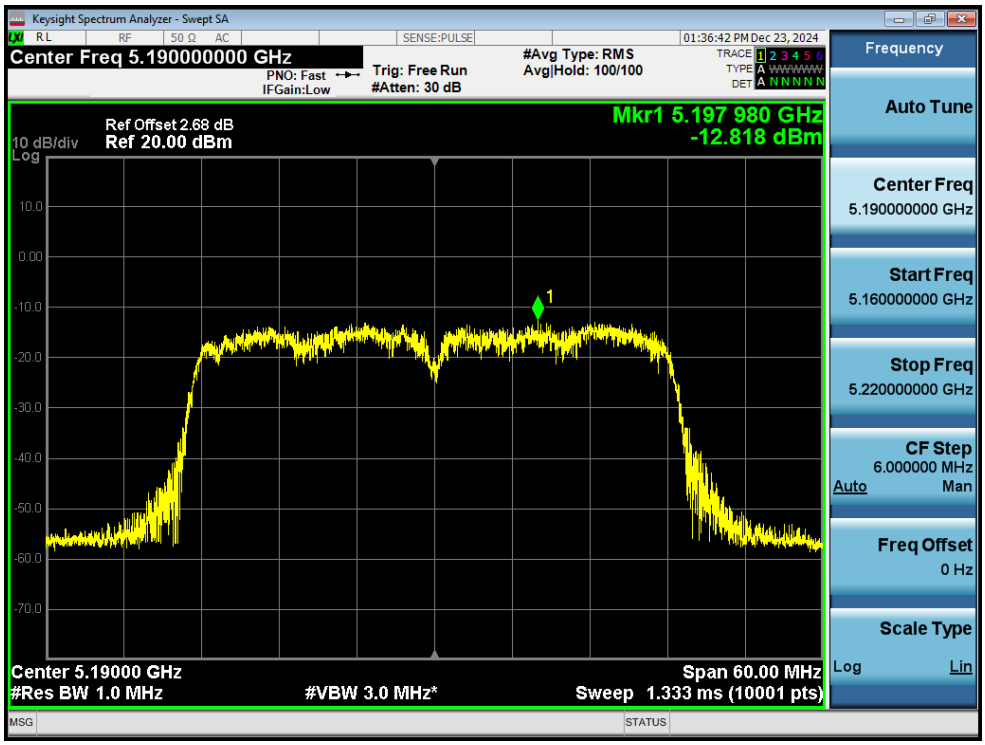
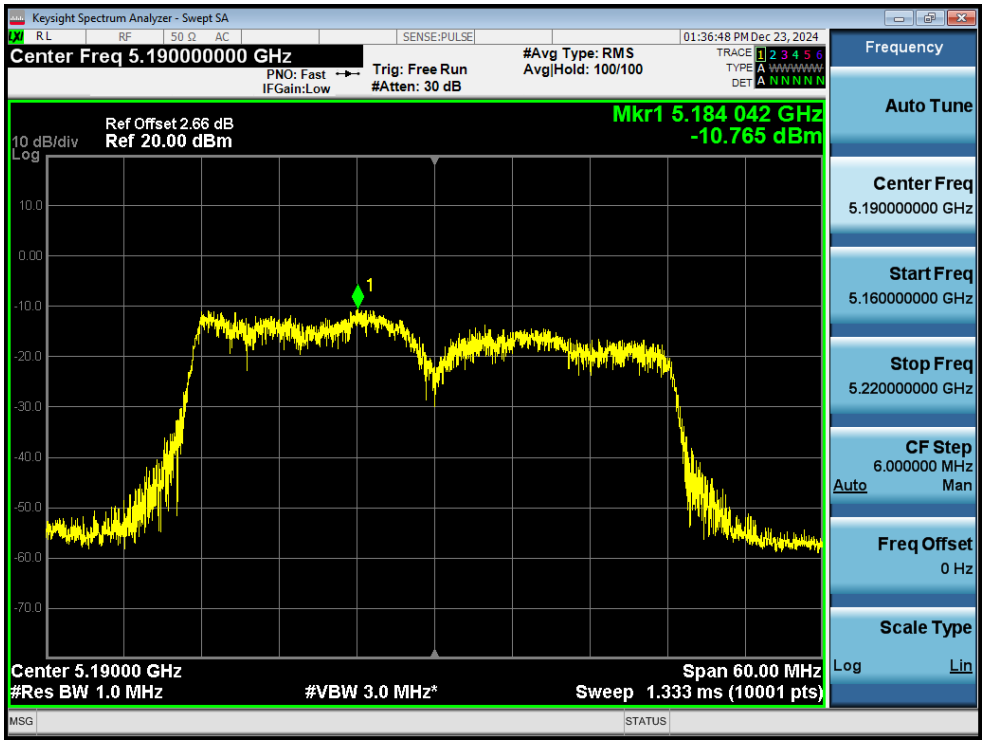
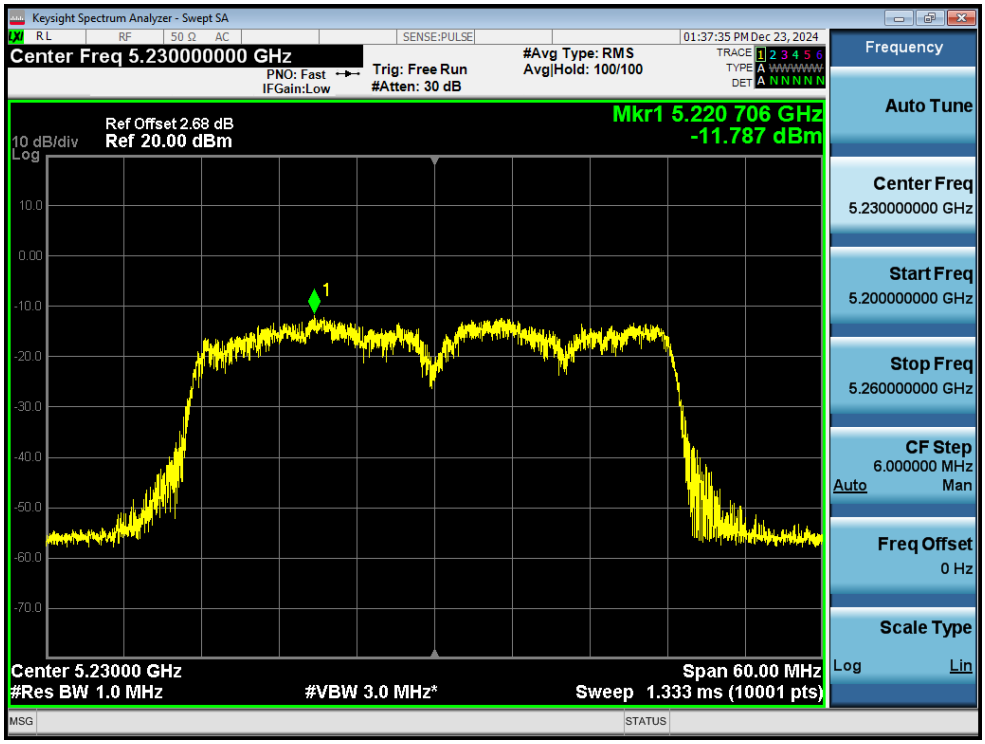


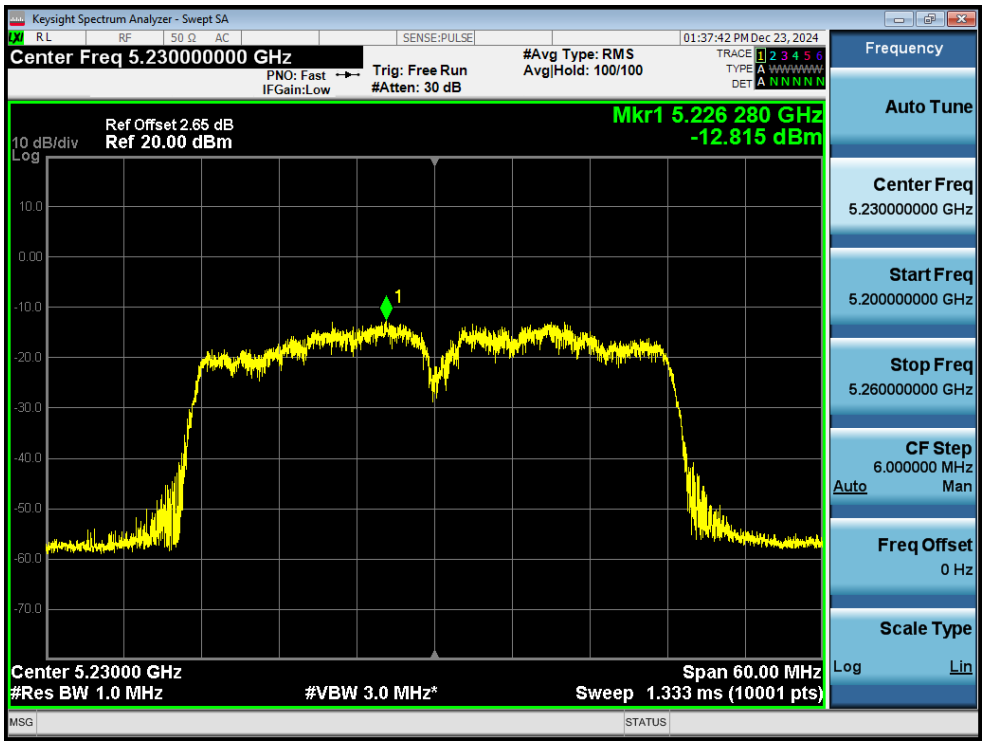
PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant1



PSD NVNT n40 5230MHz Ant2

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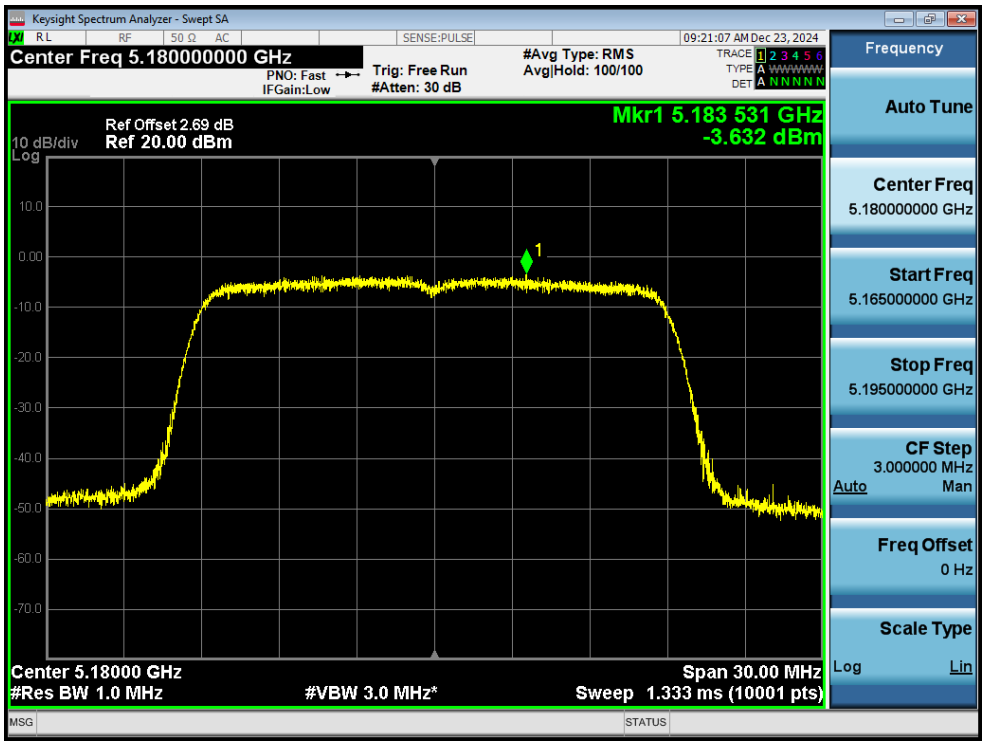
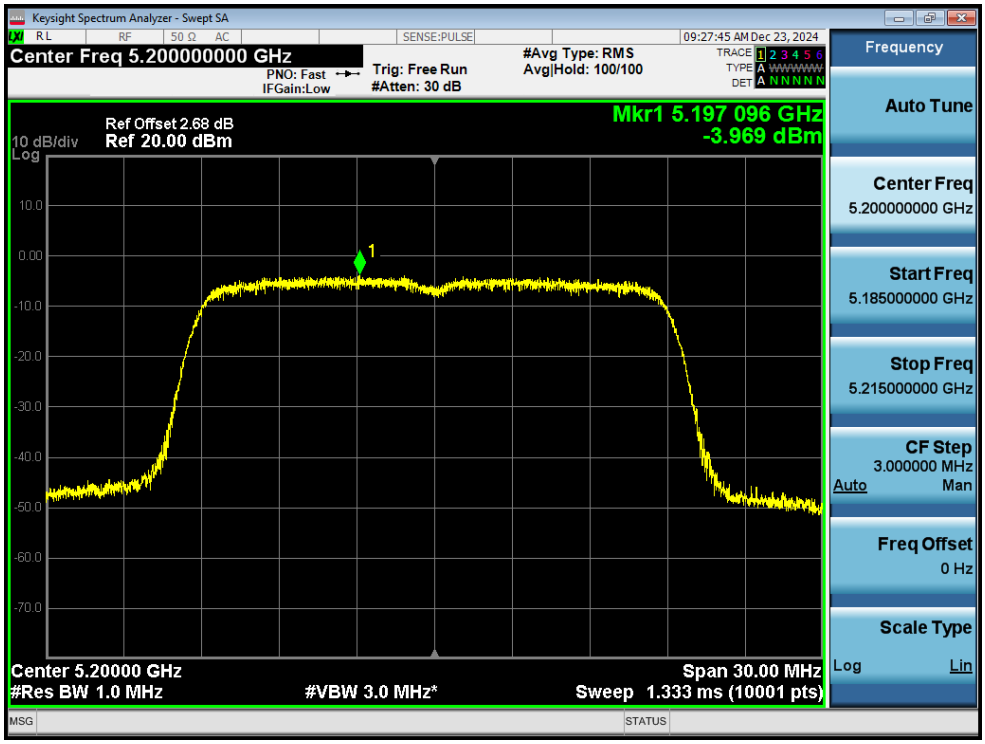
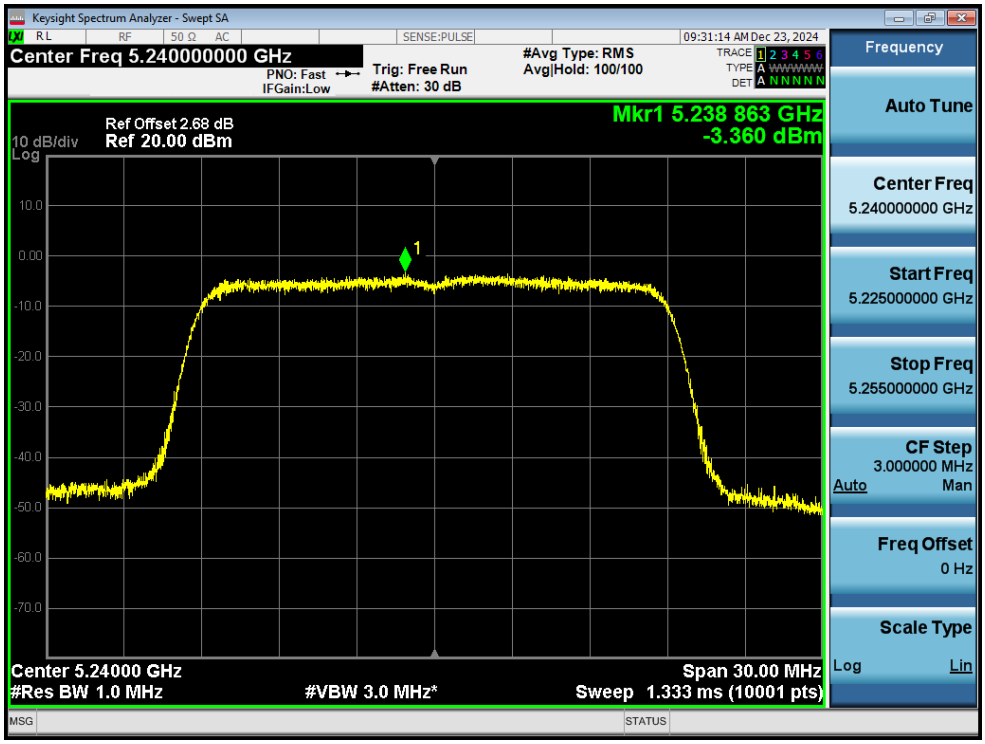


PSD NVNT ac20 5180MHz Ant1

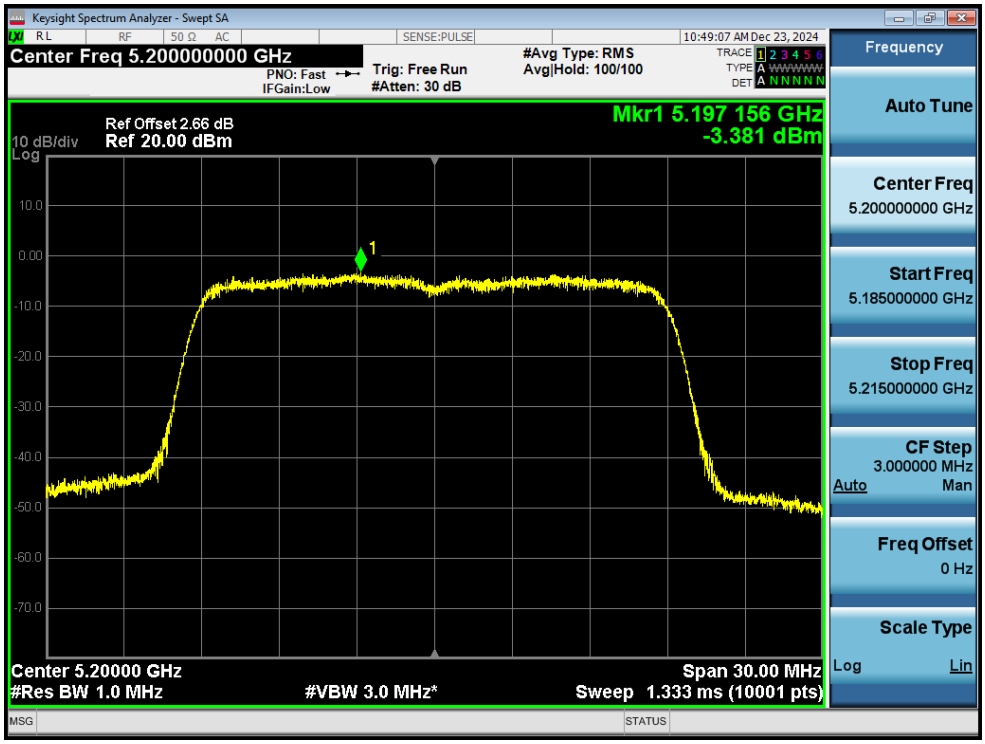


PSD NVNT ac20 5200MHz Ant1

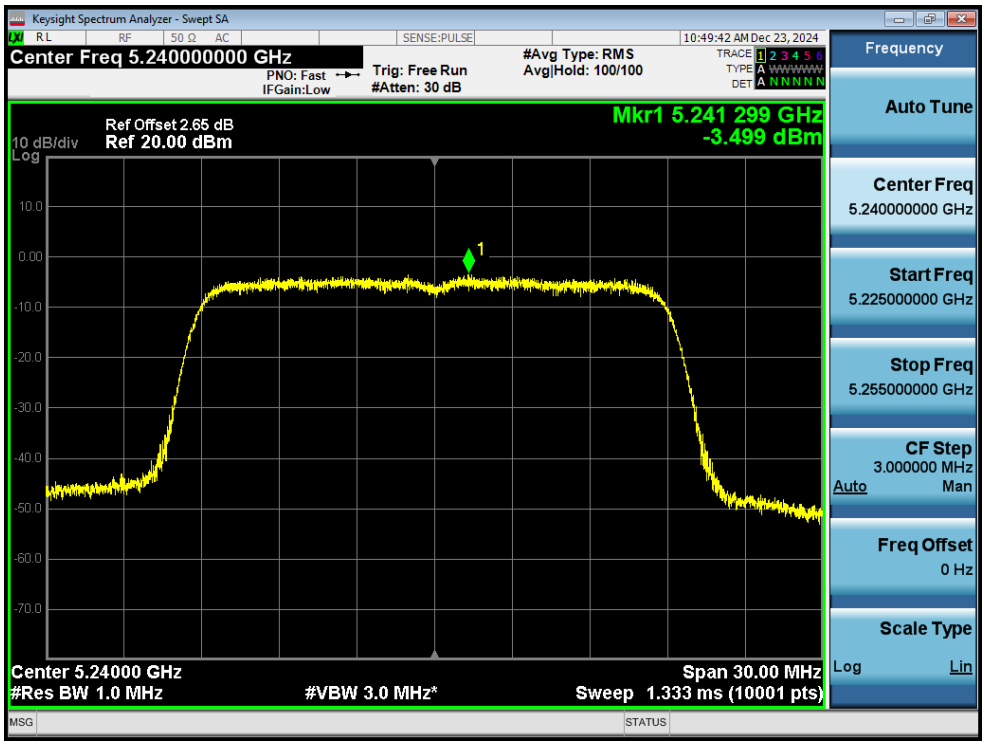


PSD NVNT ac20 5240MHz Ant1

PSD NVNT ac20 5180MHz Ant2

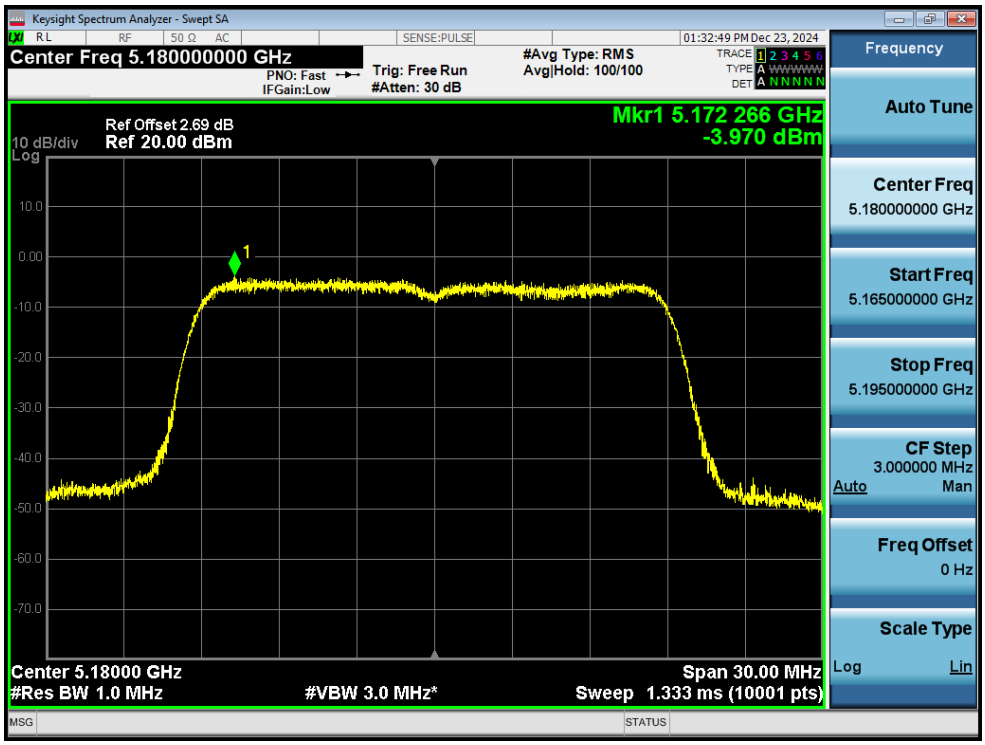


PSD NVNT ac20 5200MHz Ant2

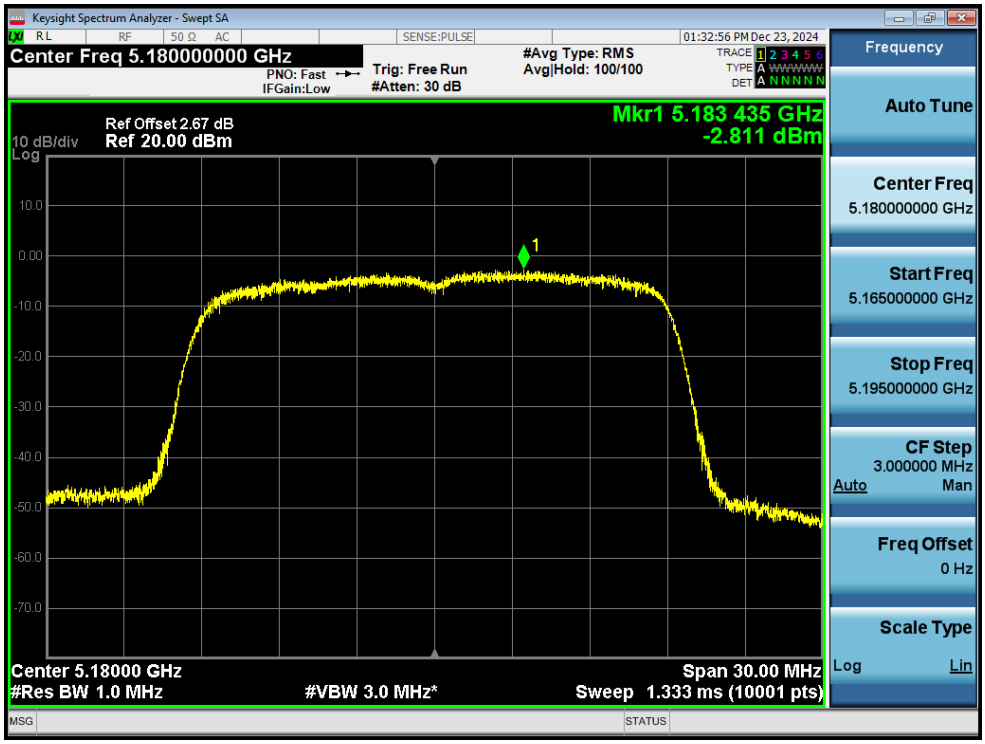


PSD NVNT ac20 5240MHz Ant2

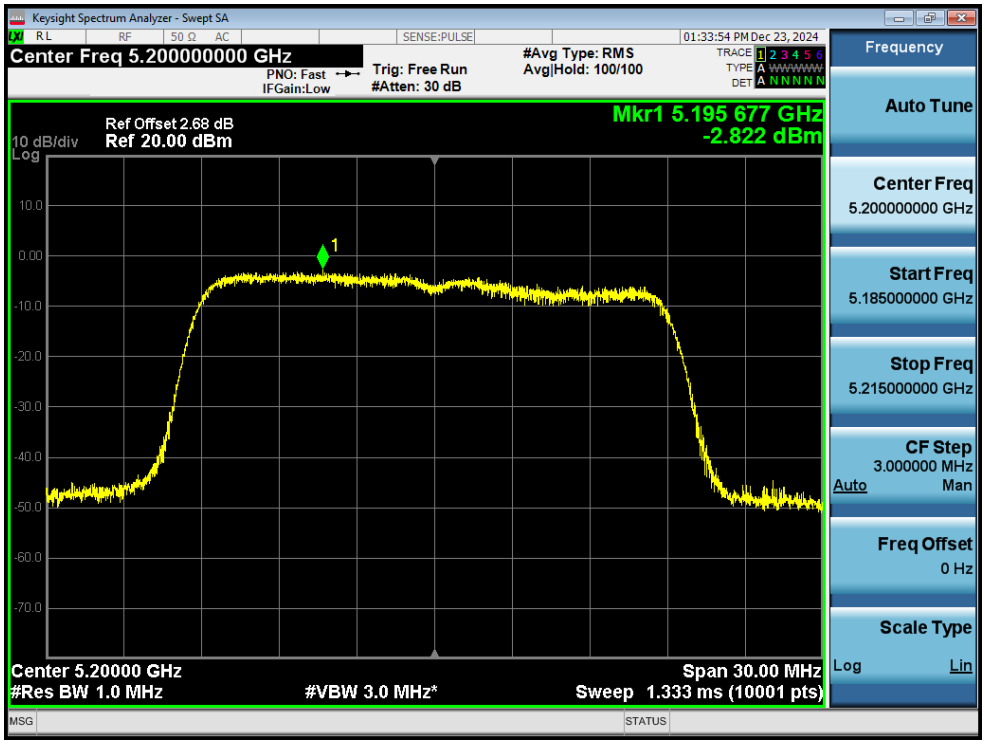
MIMO mode:



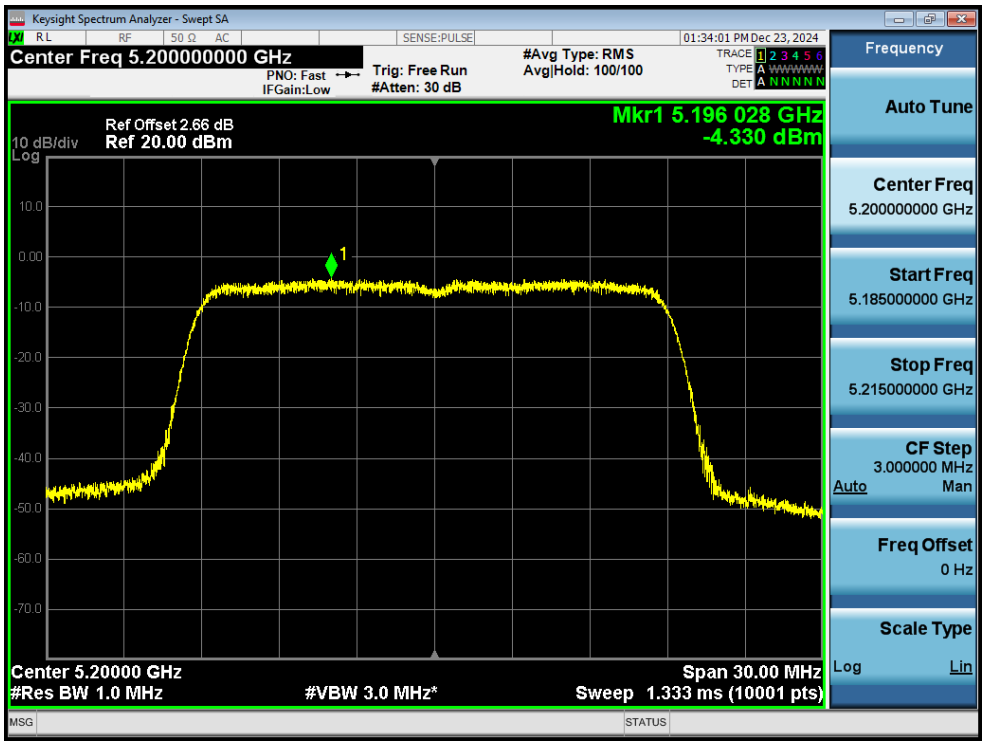
PSD NVNT ac20 5180MHz Ant1



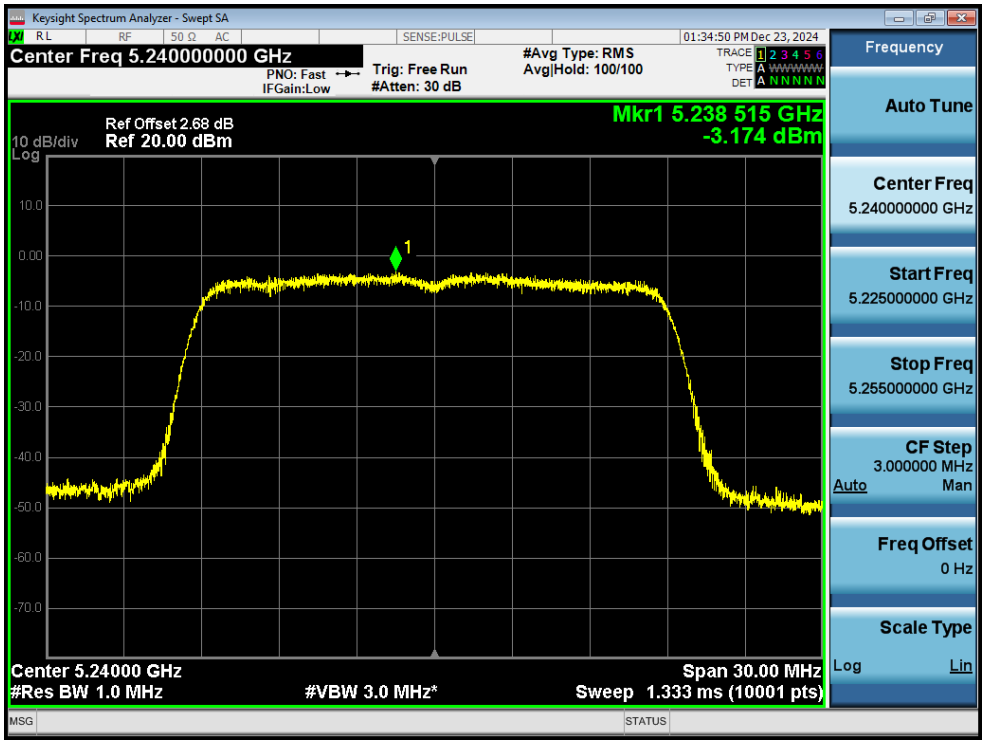
PSD NVNT ac20 5180MHz Ant2



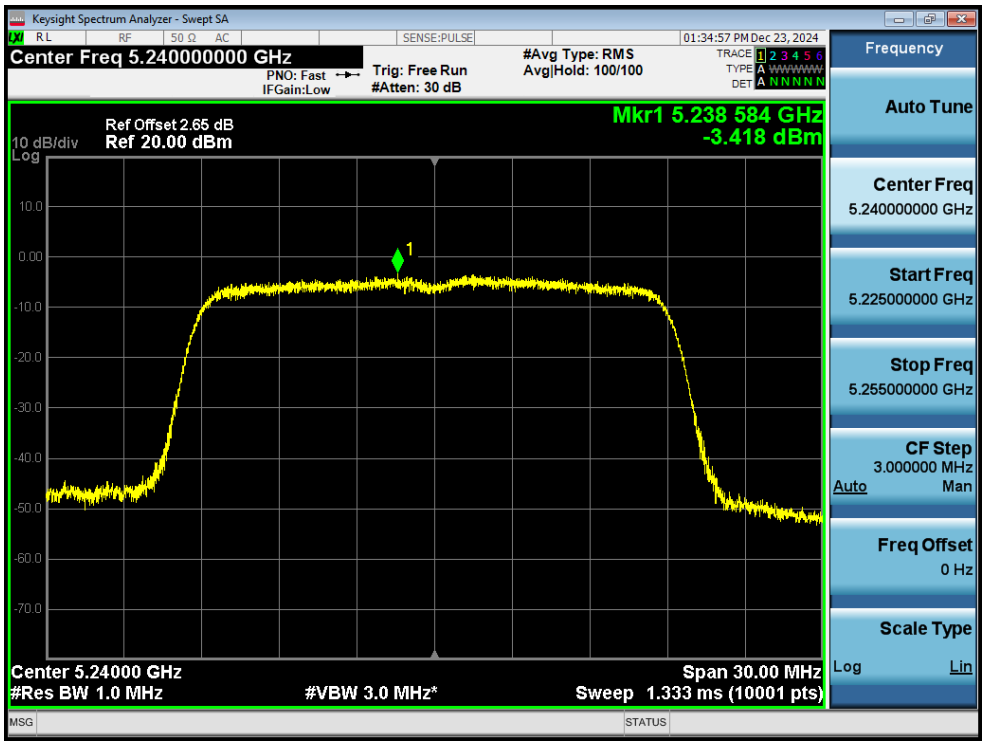
PSD NVNT ac20 5200MHz Ant1



PSD NVNT ac20 5200MHz Ant2

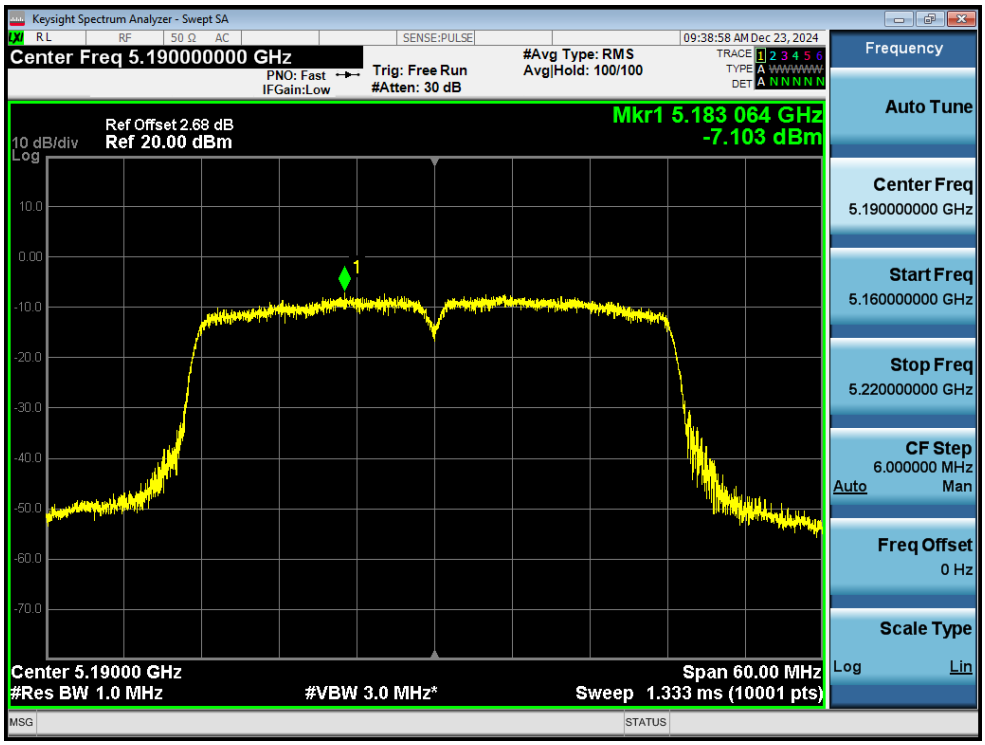


PSD NVNT ac20 5240MHz Ant1

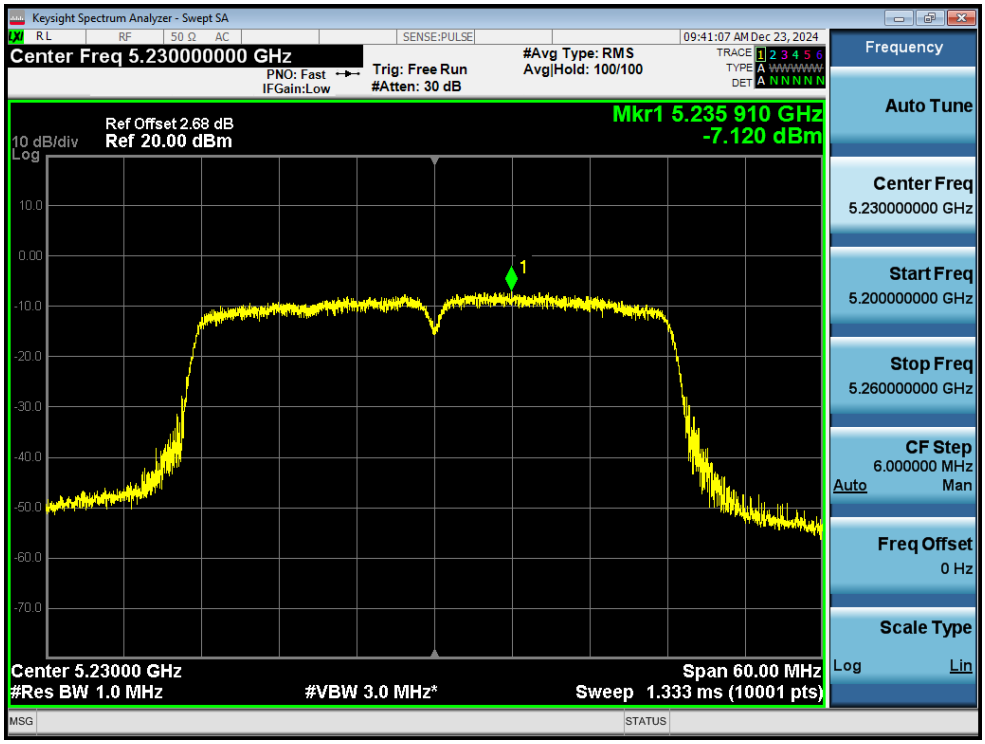


PSD NVNT ac20 5240MHz Ant2

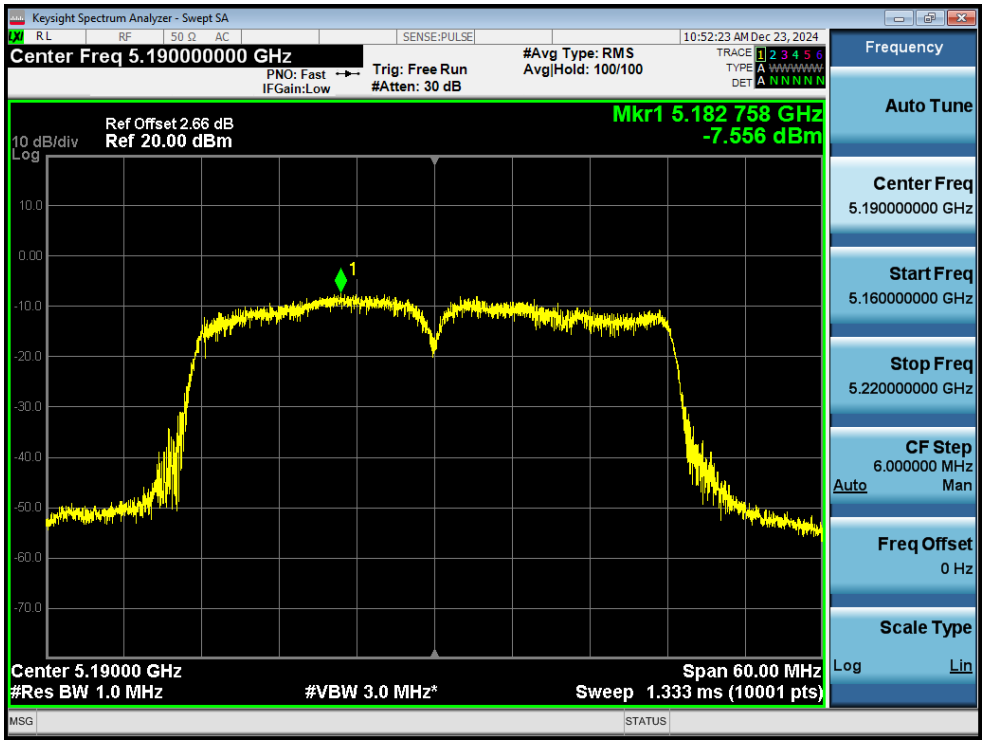
SISO:



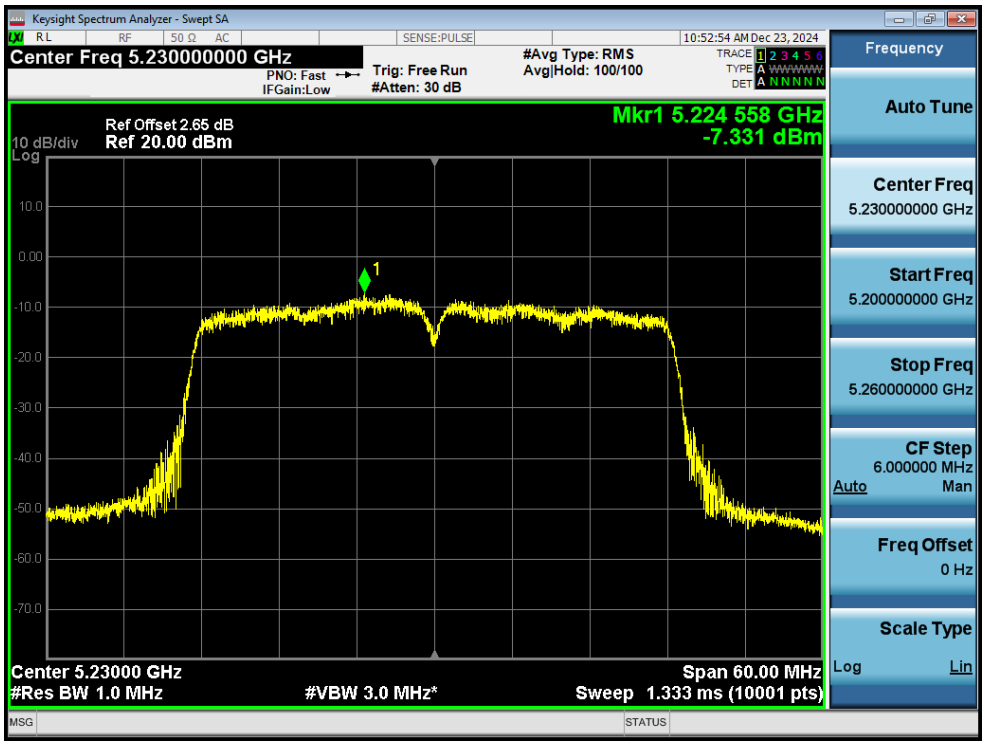
PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5230MHz Ant1

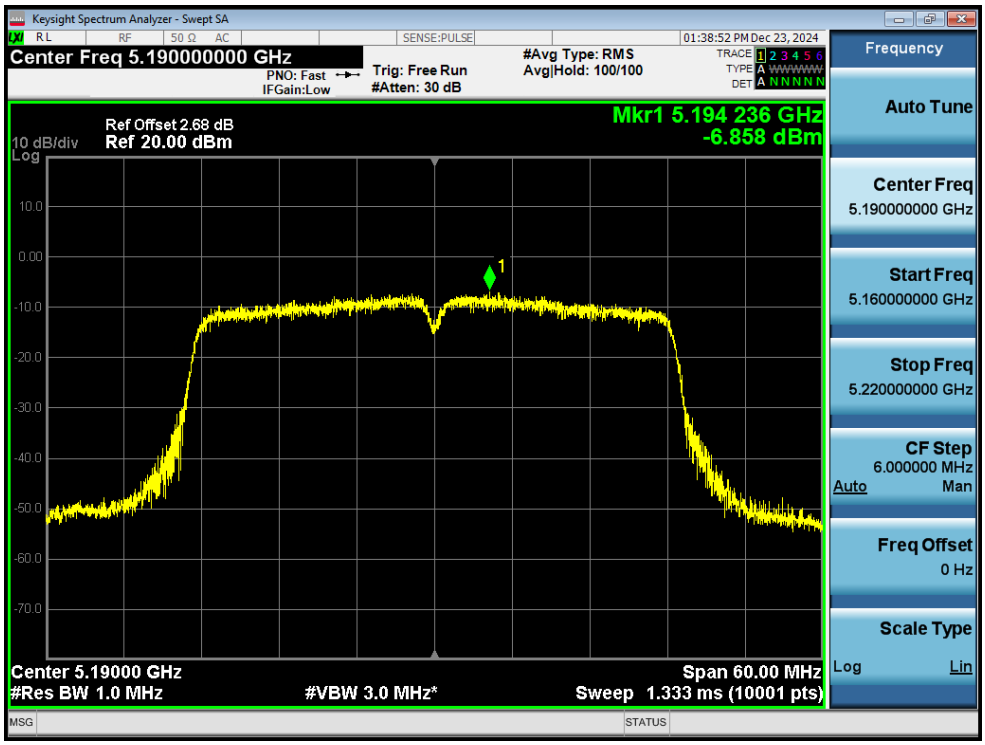


PSD NVNT ac40 5190MHz Ant2

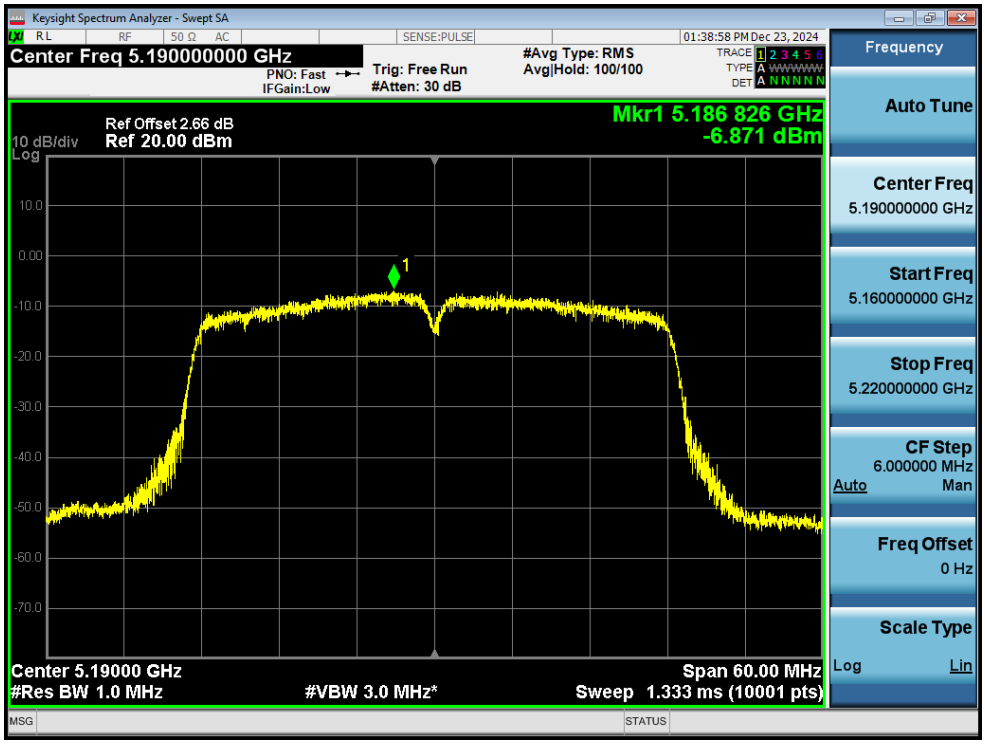


PSD NVNT ac40 5230MHz Ant2

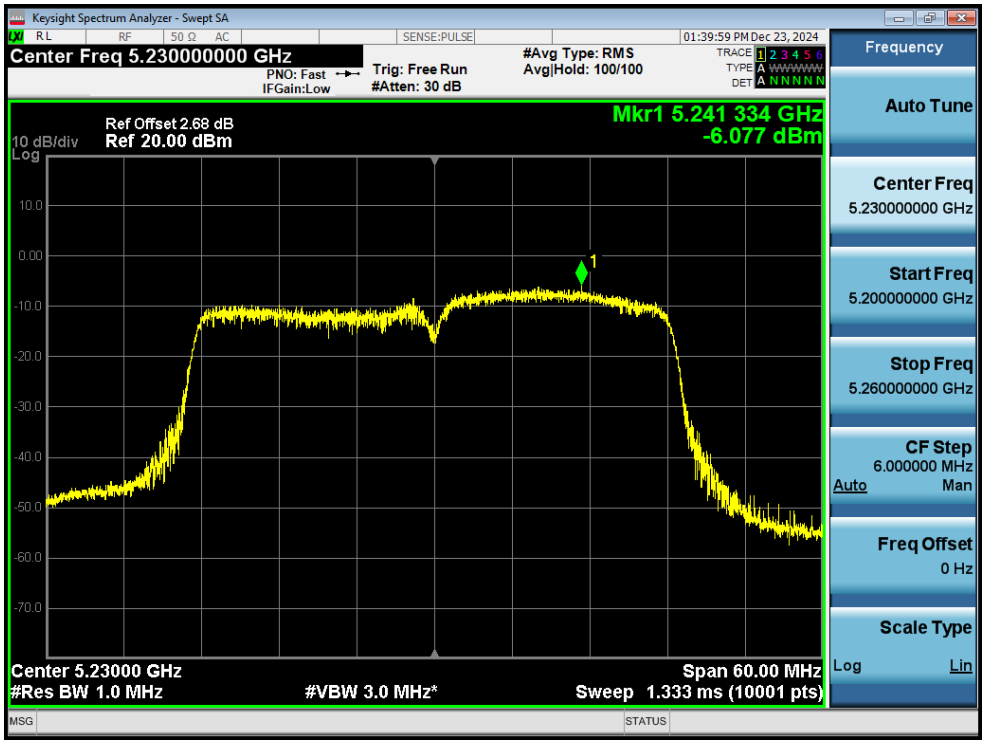
MIMO mode:



PSD NVNT ac40 5190MHz Ant1



PSD NVNT ac40 5190MHz Ant2



PSD NVNT ac40 5230MHz Ant1

PSD NVNT ac40 5230MHz Ant2

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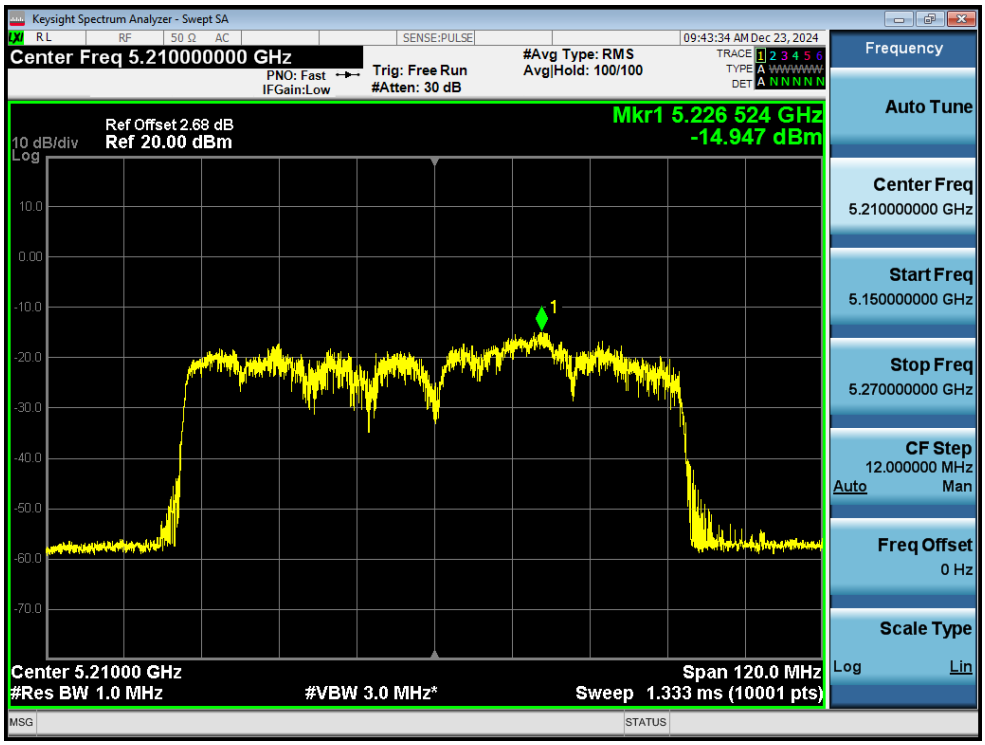
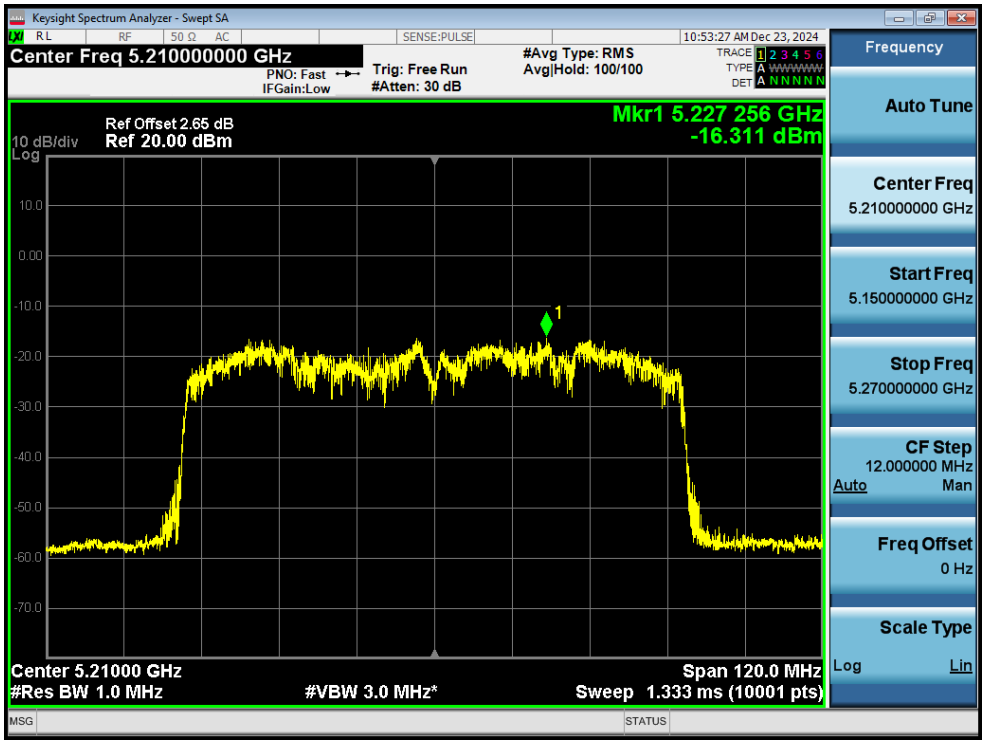
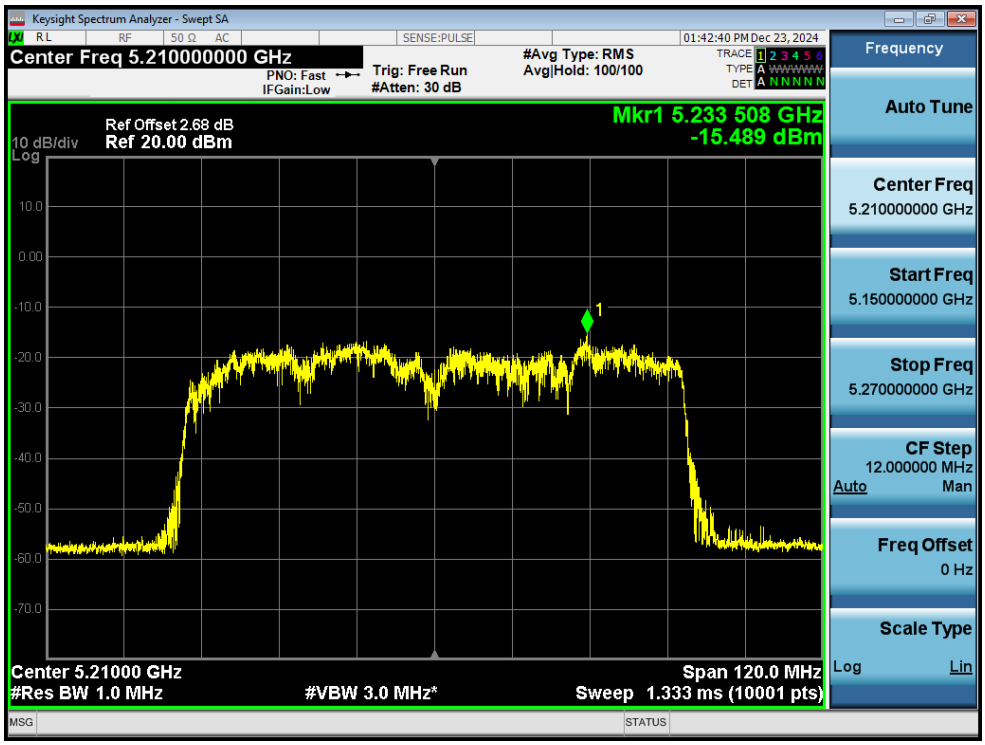


PSD NVNT ac80 5210MHz Ant1

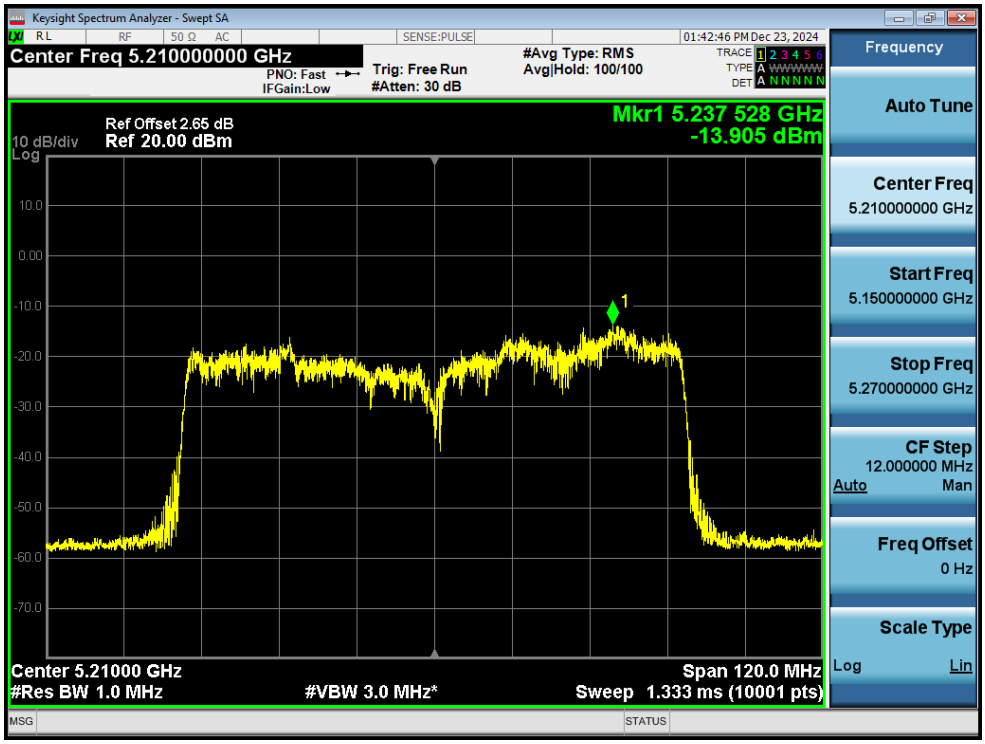


PSD NVNT ac80 5210MHz Ant2

MIMO mode:



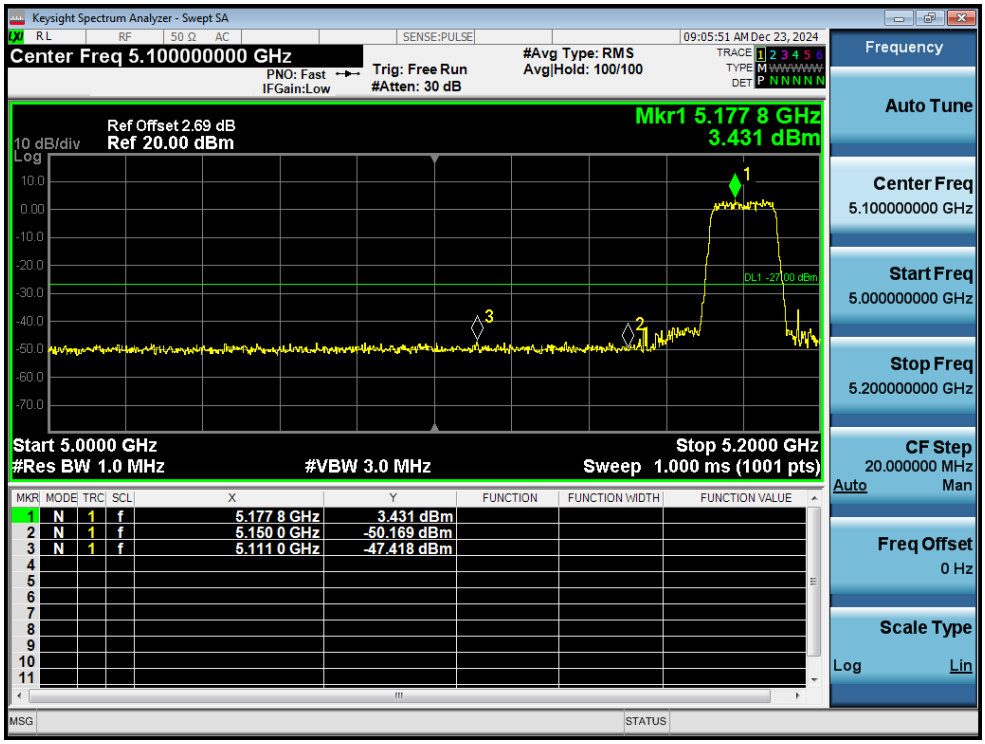
PSD NVNT ac80 5210MHz Ant1



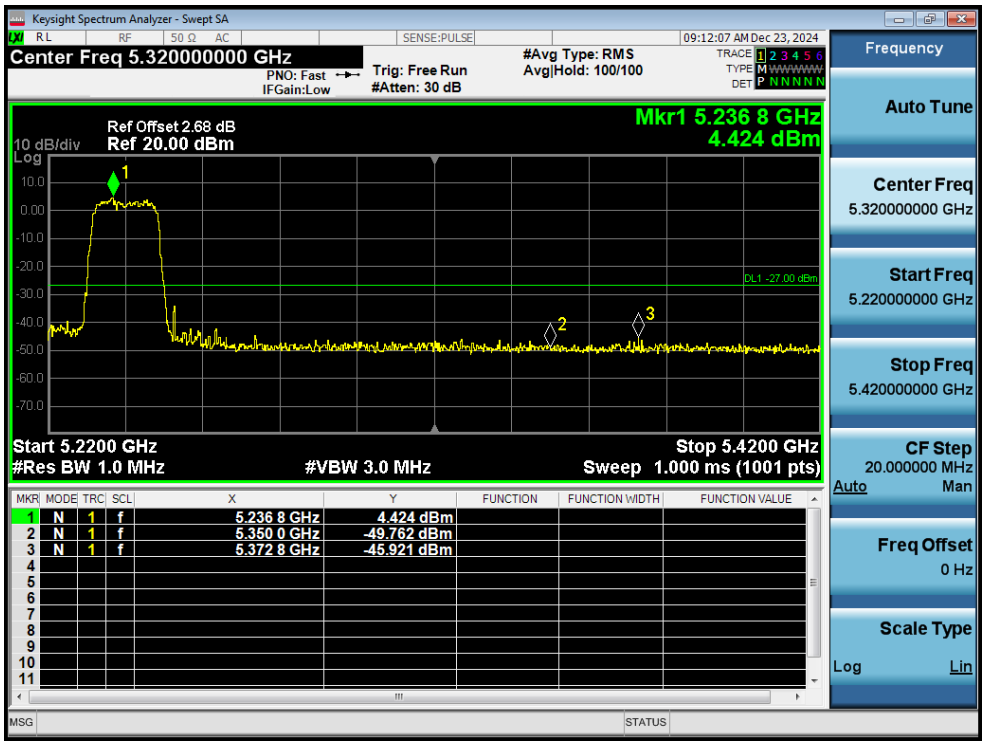
PSD NVNT ac80 5210MHz Ant2

6. Band Edge

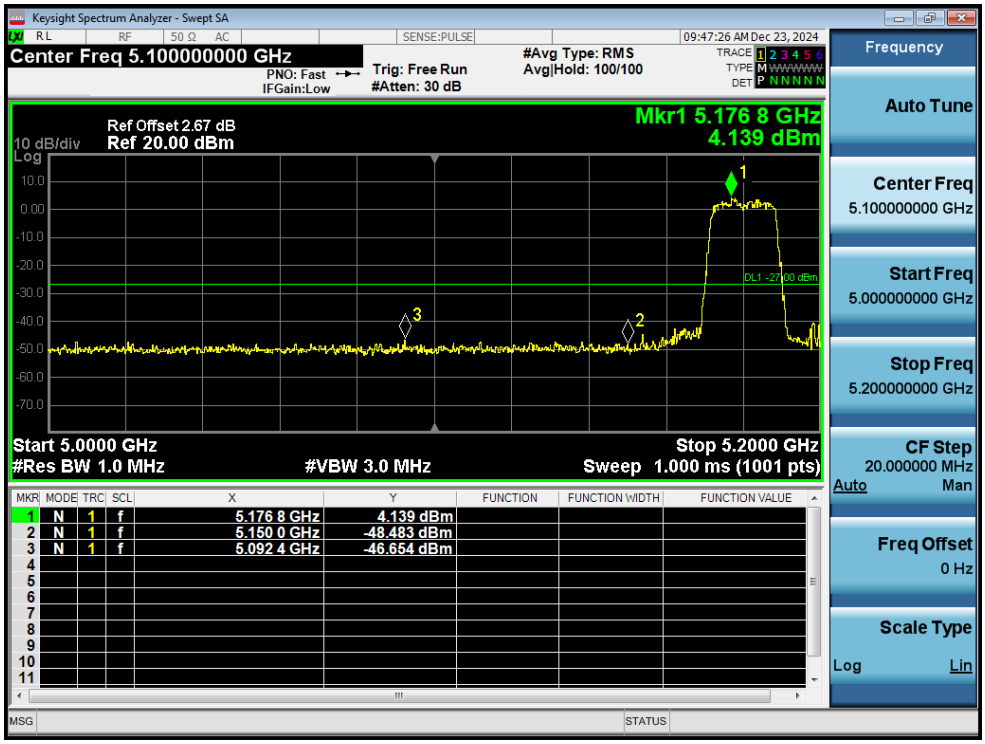
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-47.41	-27	Pass
NVNT	a	5240	Ant1	-45.92	-27	Pass
NVNT	a	5180	Ant2	-46.65	-27	Pass
NVNT	a	5240	Ant2	-46.54	-27	Pass
NVNT	n20	5180	Ant1	-46.57	-27	Pass
NVNT	n20	5240	Ant1	-45.52	-27	Pass
NVNT	n20	5180	Ant2	-46.69	-27	Pass
NVNT	n20	5240	Ant2	-46.36	-27	Pass
NVNT	n40	5190	Ant1	-41.26	-27	Pass
NVNT	n40	5230	Ant1	-46.19	-27	Pass
NVNT	n40	5190	Ant2	-43.44	-27	Pass
NVNT	n40	5230	Ant2	-47.02	-27	Pass
NVNT	ac20	5180	Ant1	-46.59	-27	Pass
NVNT	ac20	5240	Ant1	-46.54	-27	Pass
NVNT	ac20	5180	Ant2	-46.39	-27	Pass
NVNT	ac20	5240	Ant2	-46.49	-27	Pass
NVNT	ac40	5190	Ant1	-41.79	-27	Pass
NVNT	ac40	5230	Ant1	-47.2	-27	Pass
NVNT	ac40	5190	Ant2	-42.85	-27	Pass
NVNT	ac40	5230	Ant2	-46.81	-27	Pass
NVNT	ac80	5210	Ant1	-46.62	-27	Pass
NVNT	ac80	5210	Ant1	-45.87	-27	Pass
NVNT	ac80	5210	Ant2	-46.09	-27	Pass
NVNT	ac80	5210	Ant2	-46.64	-27	Pass



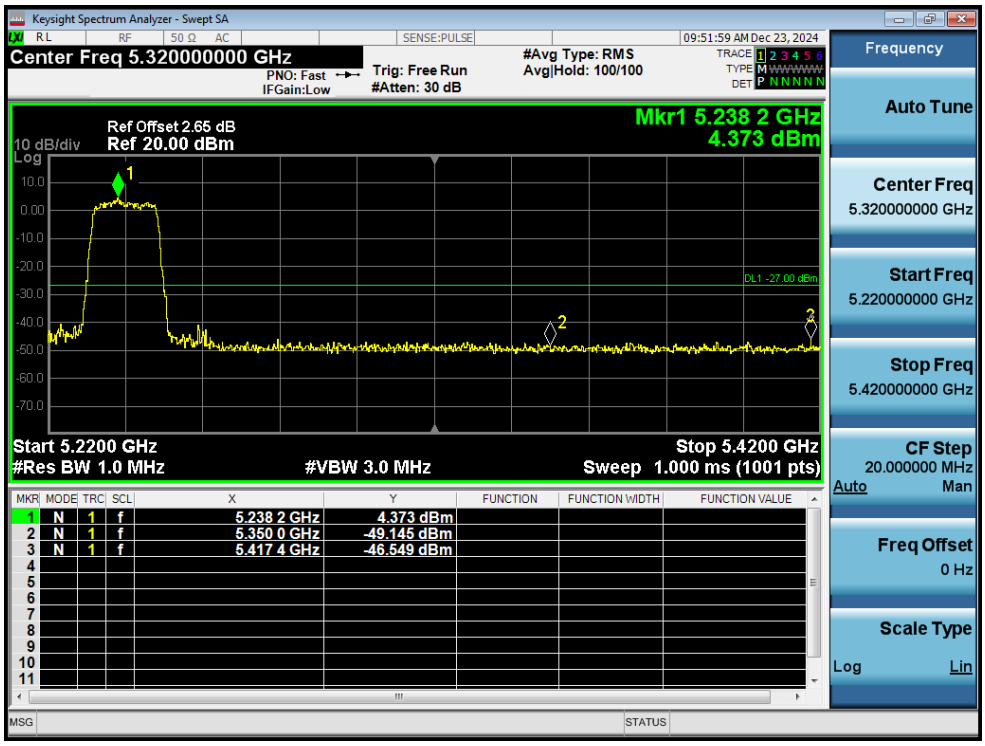
Band Edge NVNT a 5180MHz Low Ant1



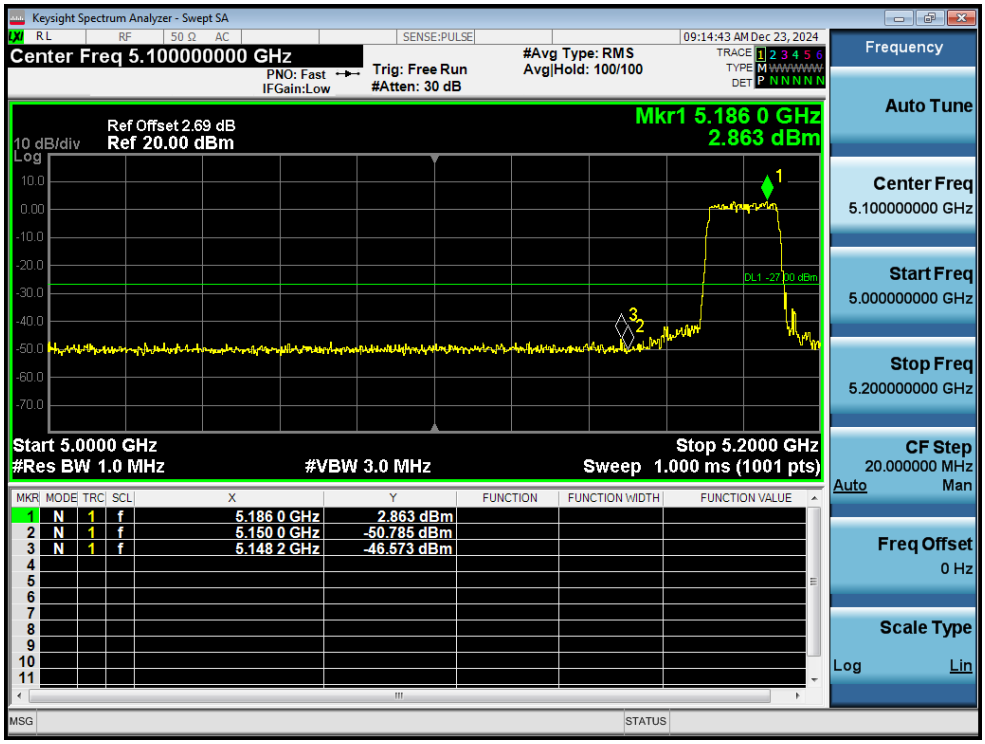
Band Edge NVNT a 5240MHz High Ant1



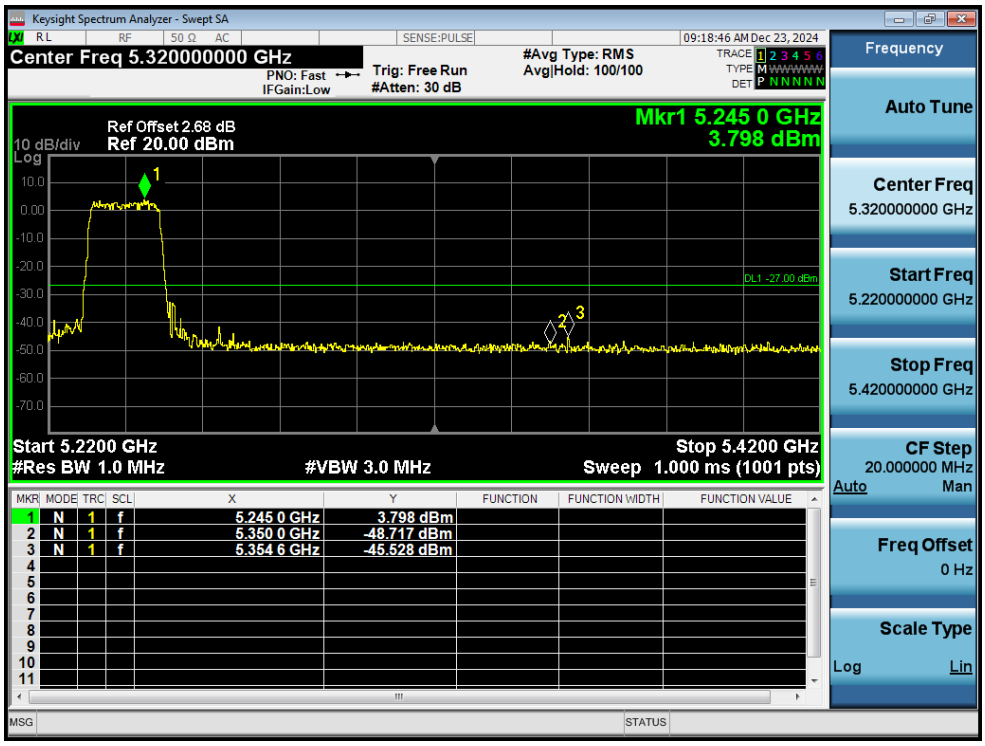
Band Edge NVNT a 5180MHz Low Ant2



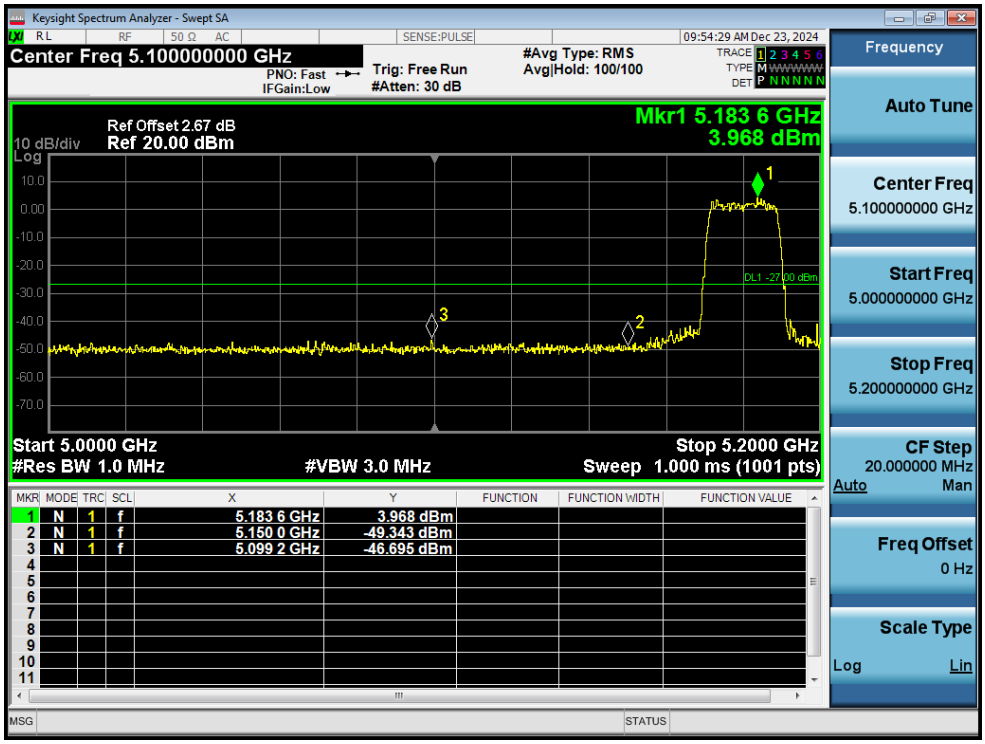
Band Edge NVNT a 5240MHz High Ant2



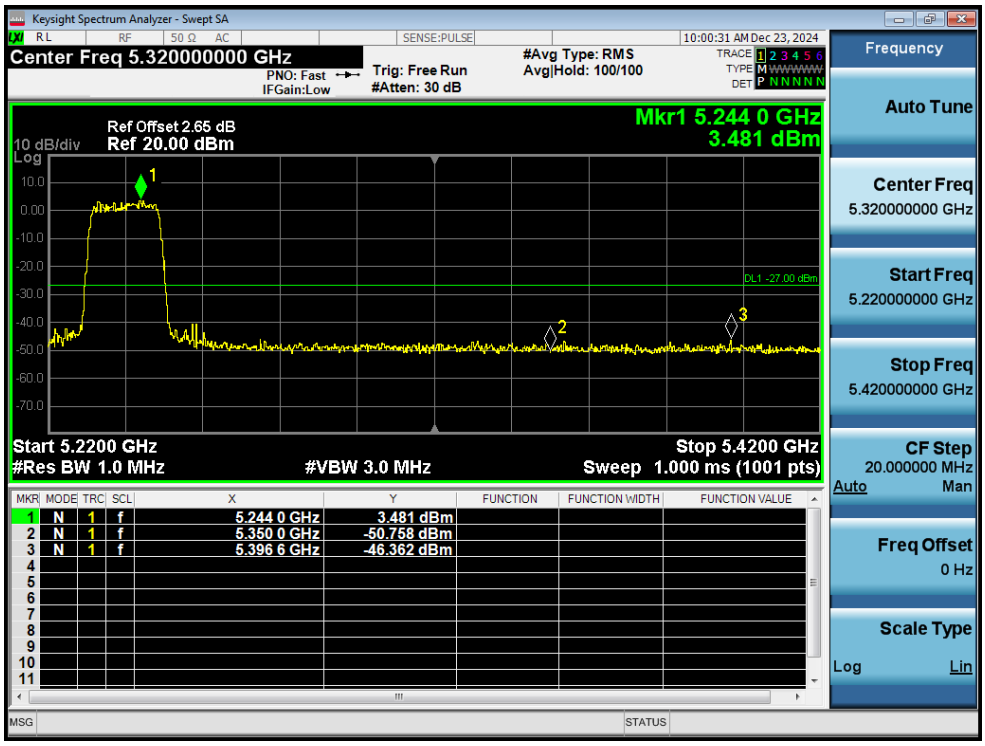
Band Edge NVNT n20 5180MHz Low Ant1



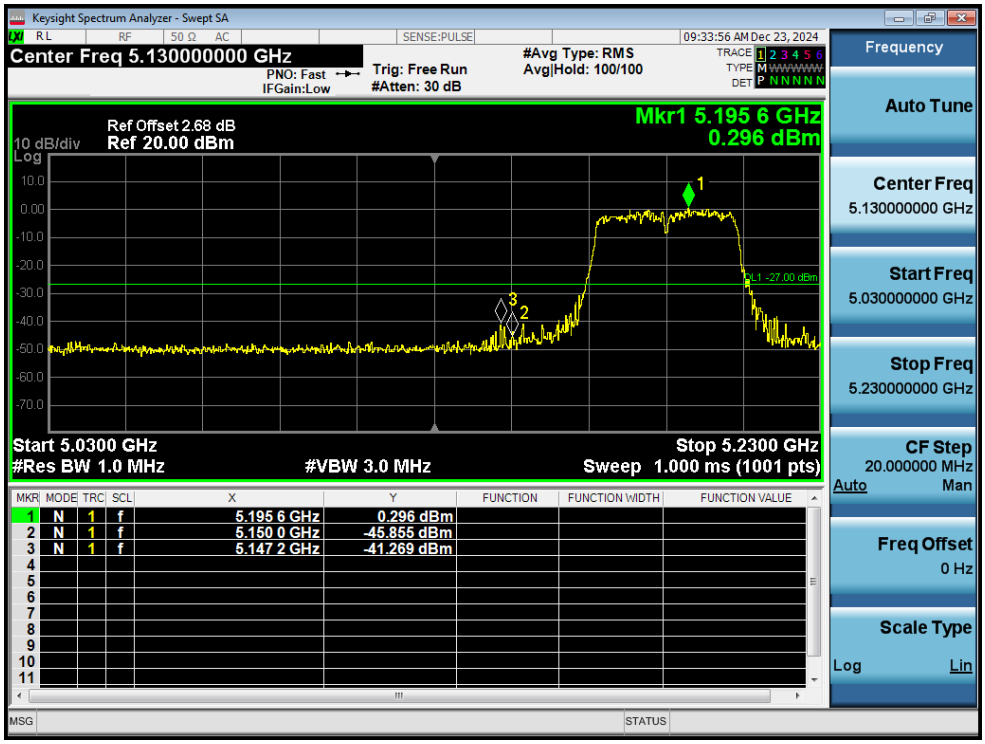
Band Edge NVNT n20 5240MHz High Ant1



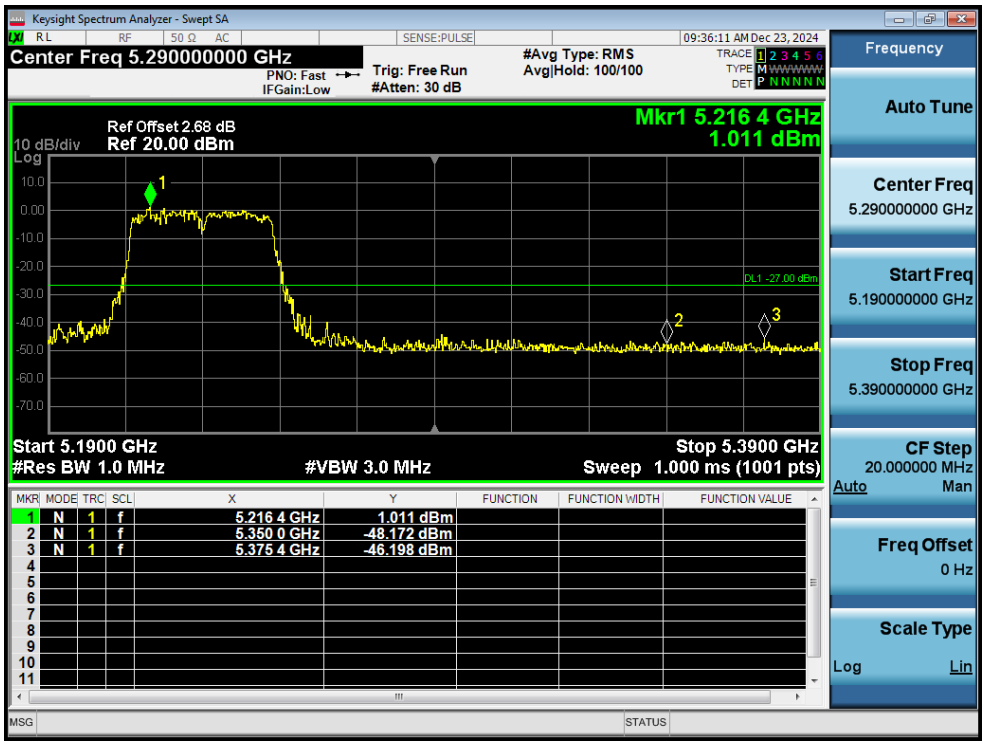
Band Edge NVNT n20 5180MHz Low Ant2



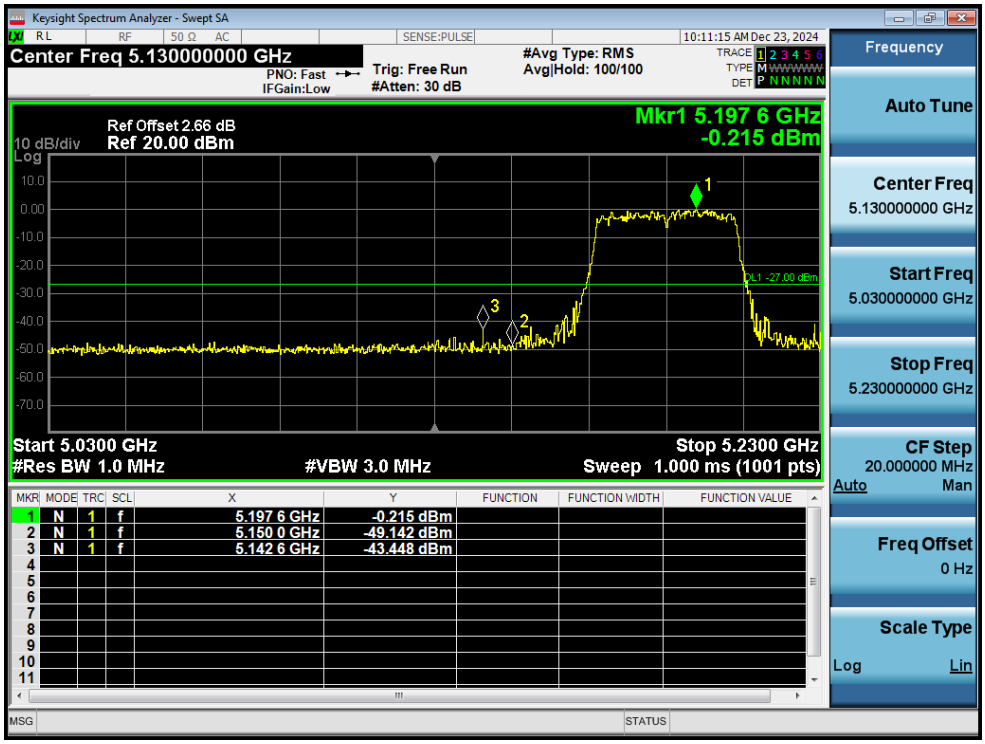
Band Edge NVNT n20 5240MHz High Ant2



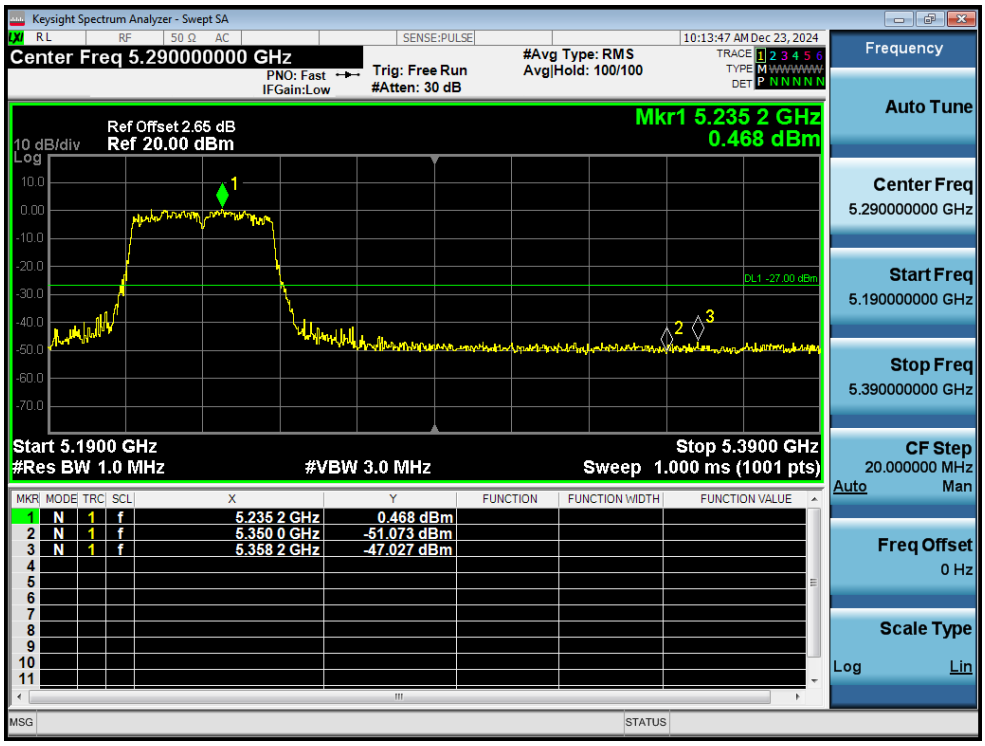
Band Edge NVNT n40 5190MHz Low Ant1



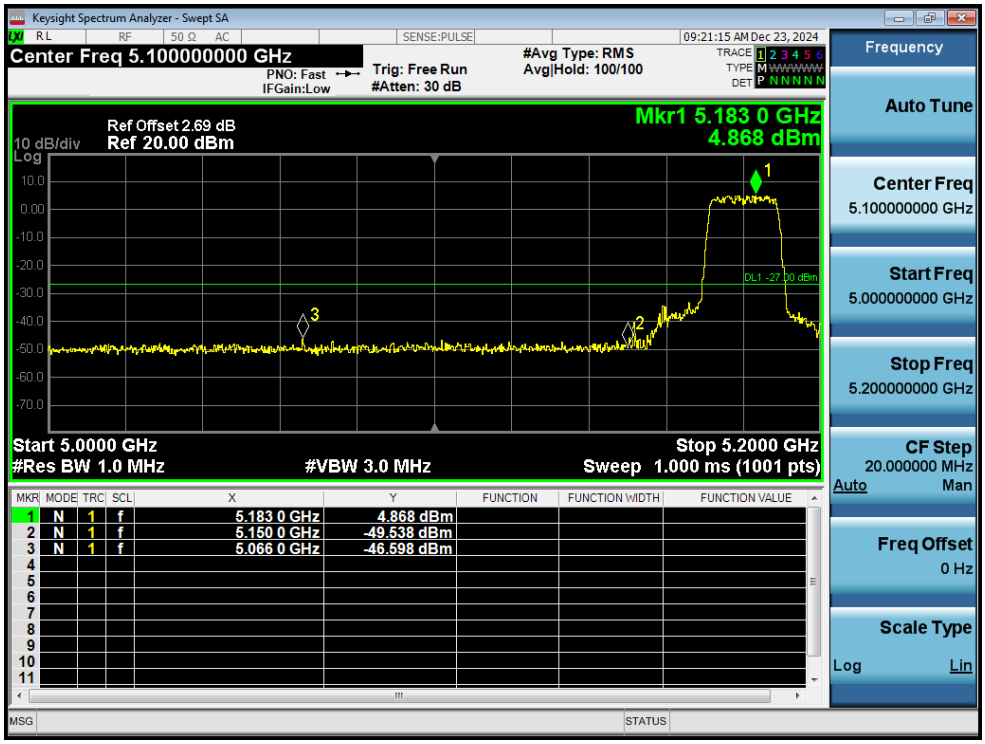
Band Edge NVNT n40 5230MHz High Ant1



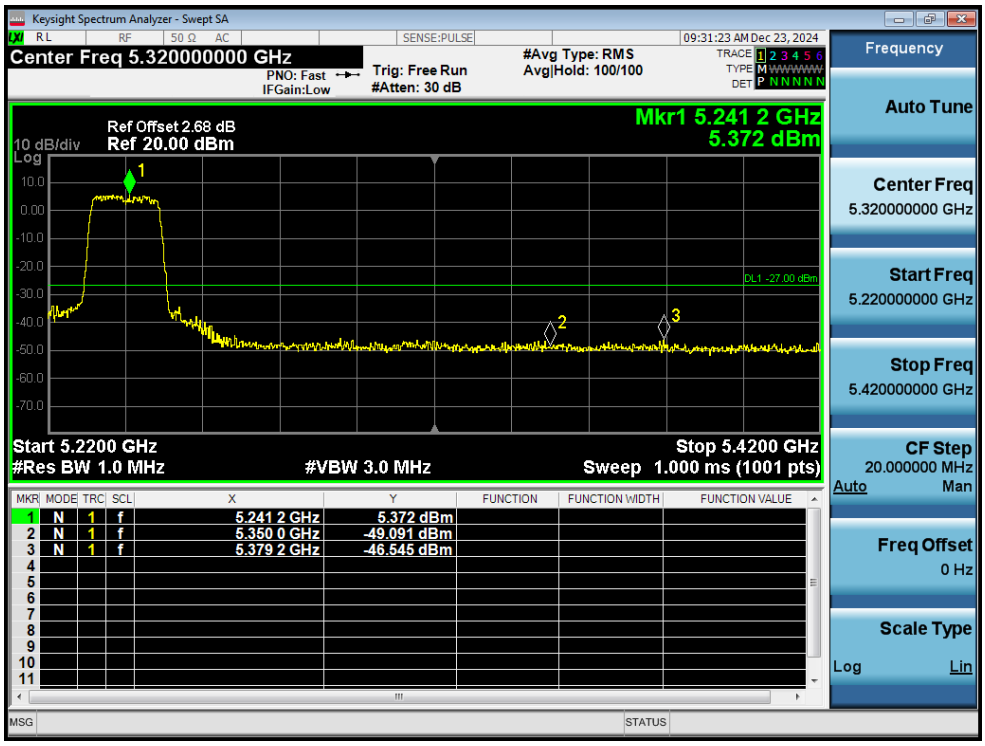
Band Edge NVNT n40 5190MHz Low Ant2



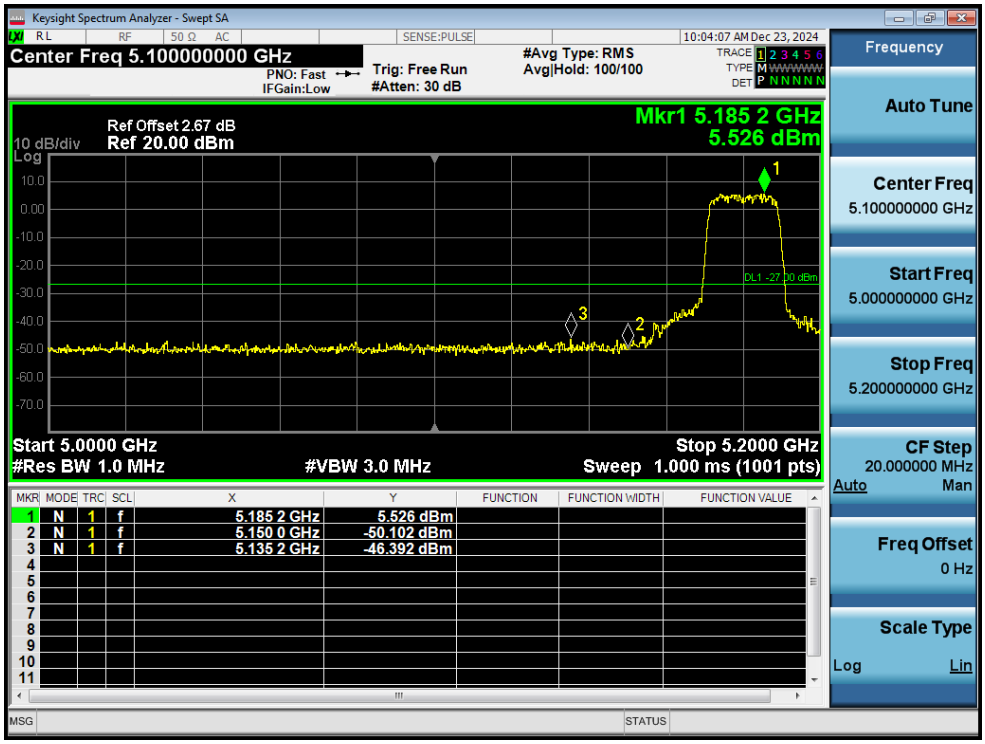
Band Edge NVNT n40 5230MHz High Ant2



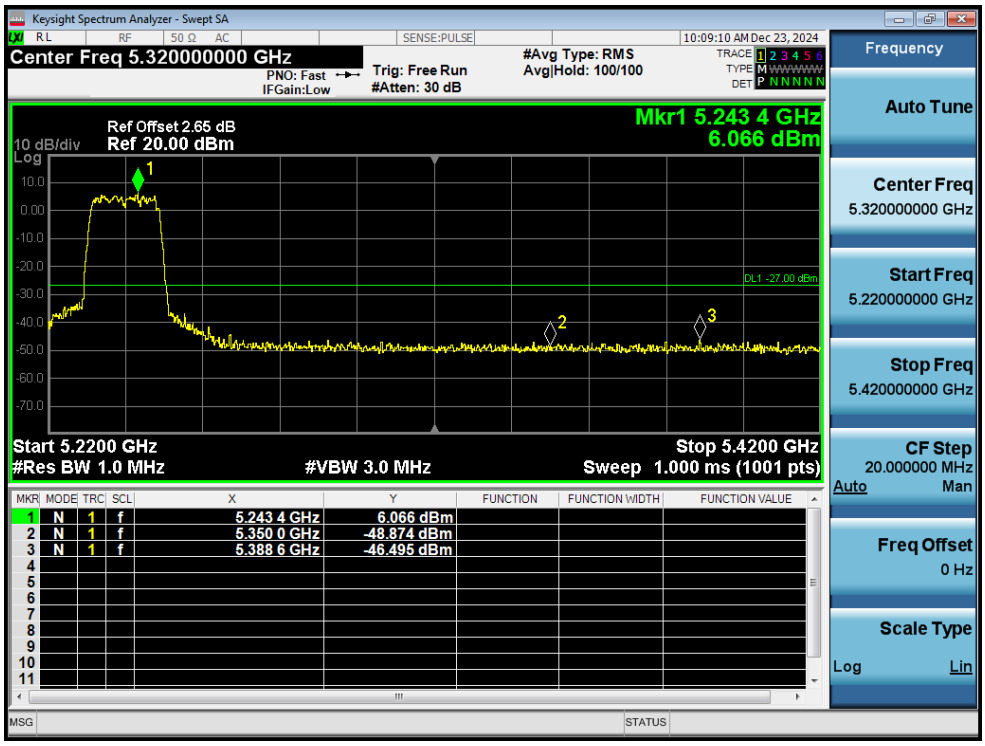
Band Edge NVNT ac20 5180MHz Low Ant1



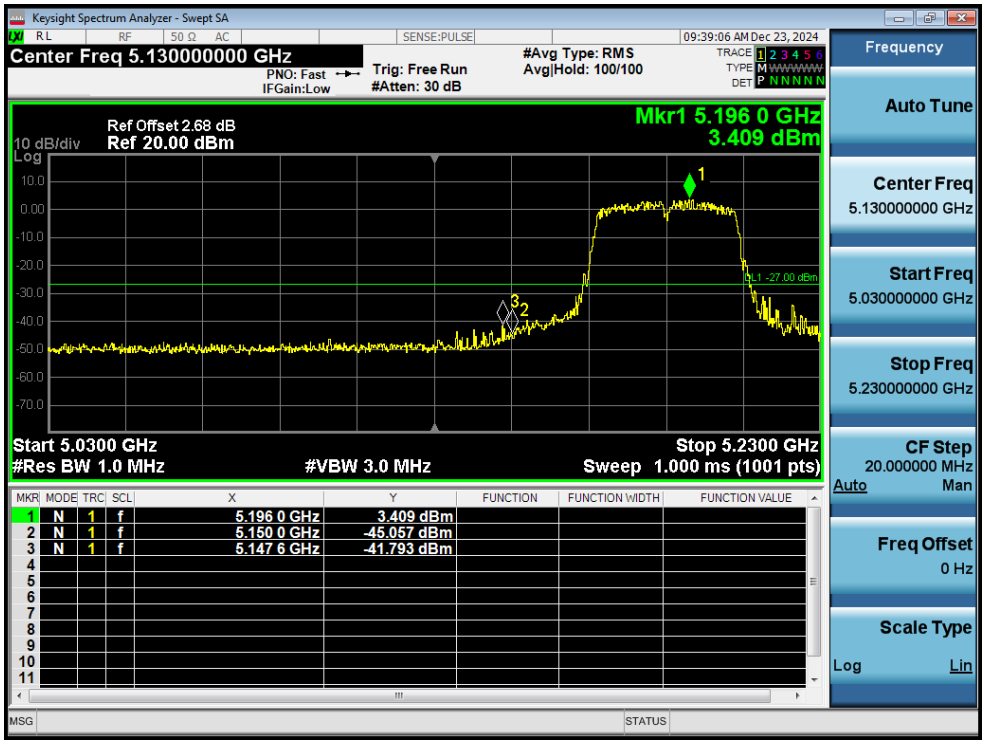
Band Edge NVNT ac20 5240MHz High Ant1



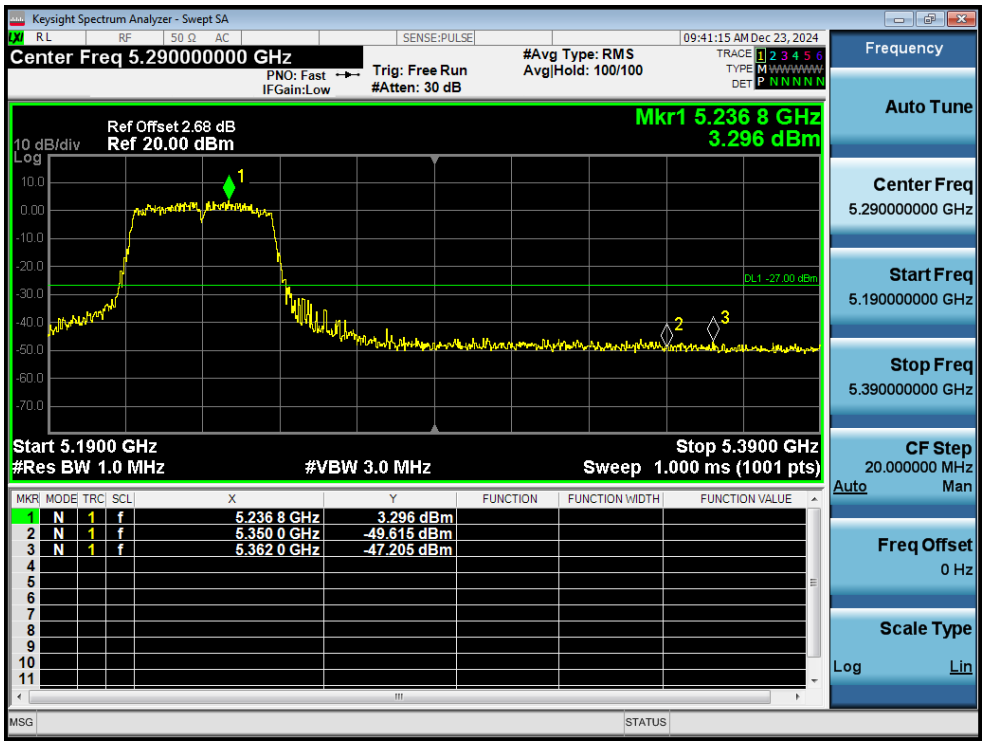
Band Edge NVNT ac20 5180MHz Low Ant2



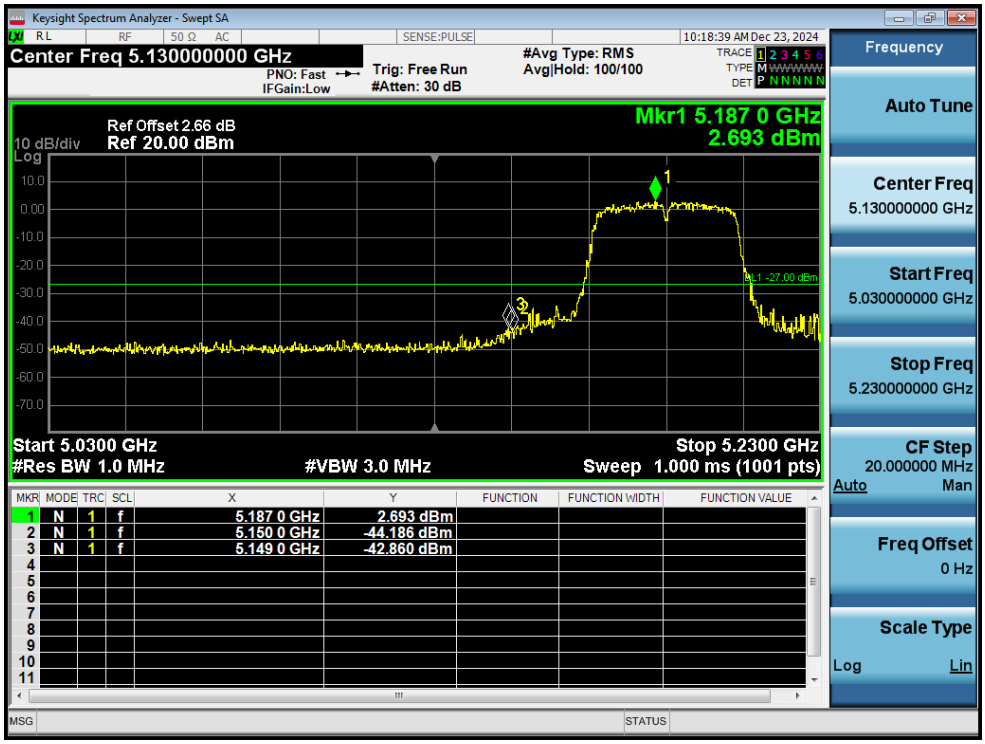
Band Edge NVNT ac20 5240MHz High Ant2



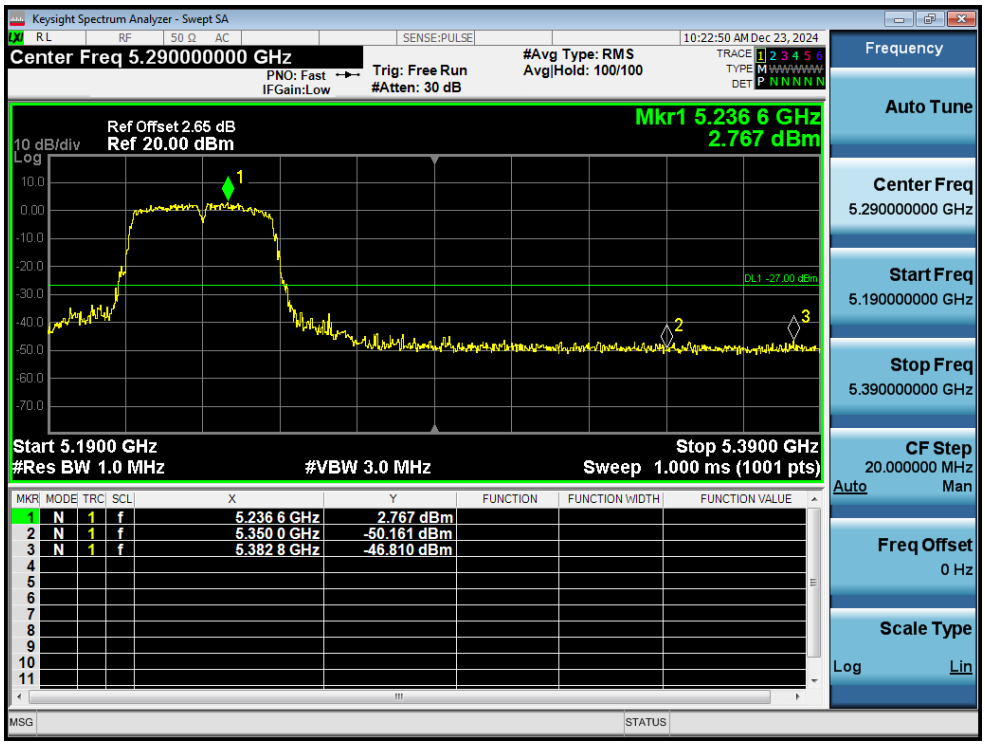
Band Edge NVNT ac40 5190MHz Low Ant1



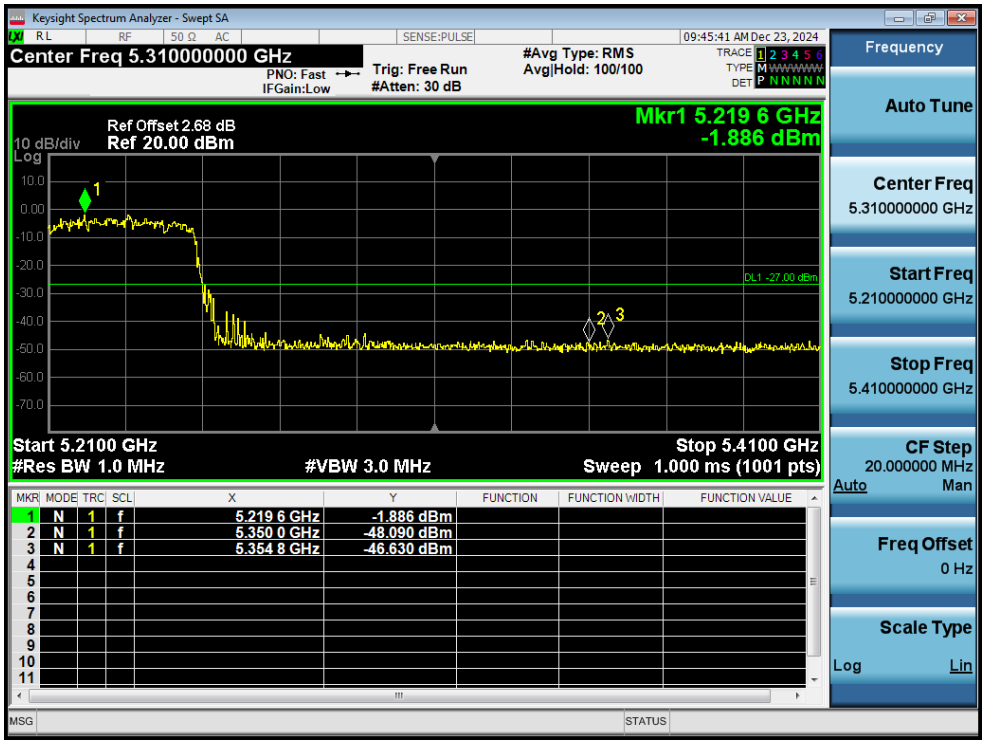
Band Edge NVNT ac40 5230MHz High Ant1



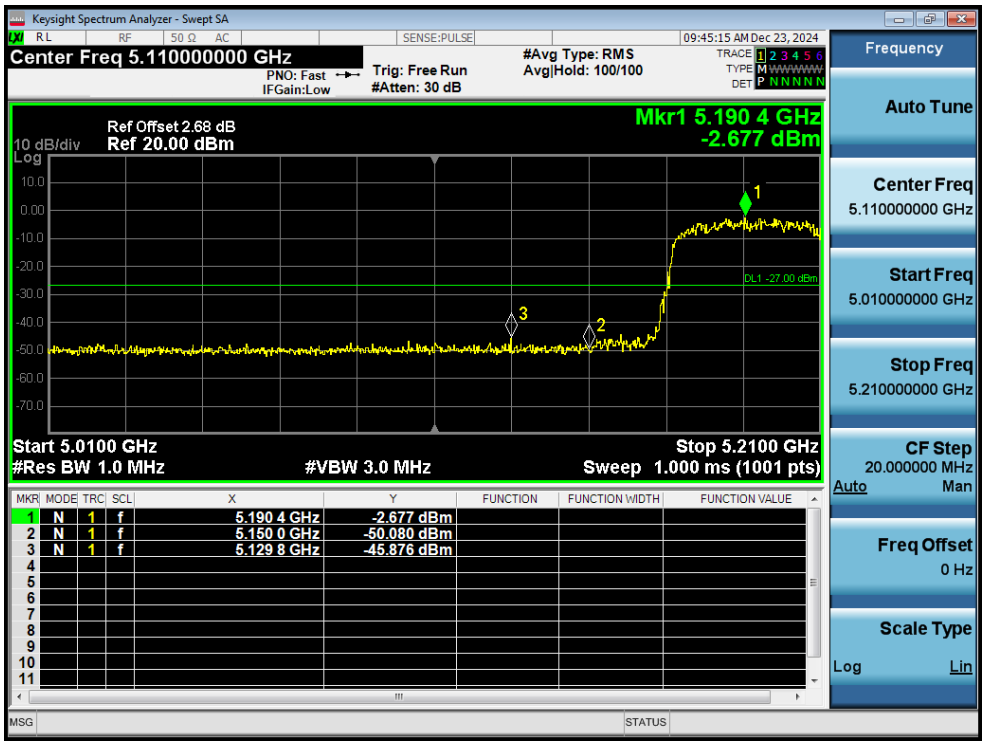
Band Edge NVNT ac40 5190MHz Low Ant2



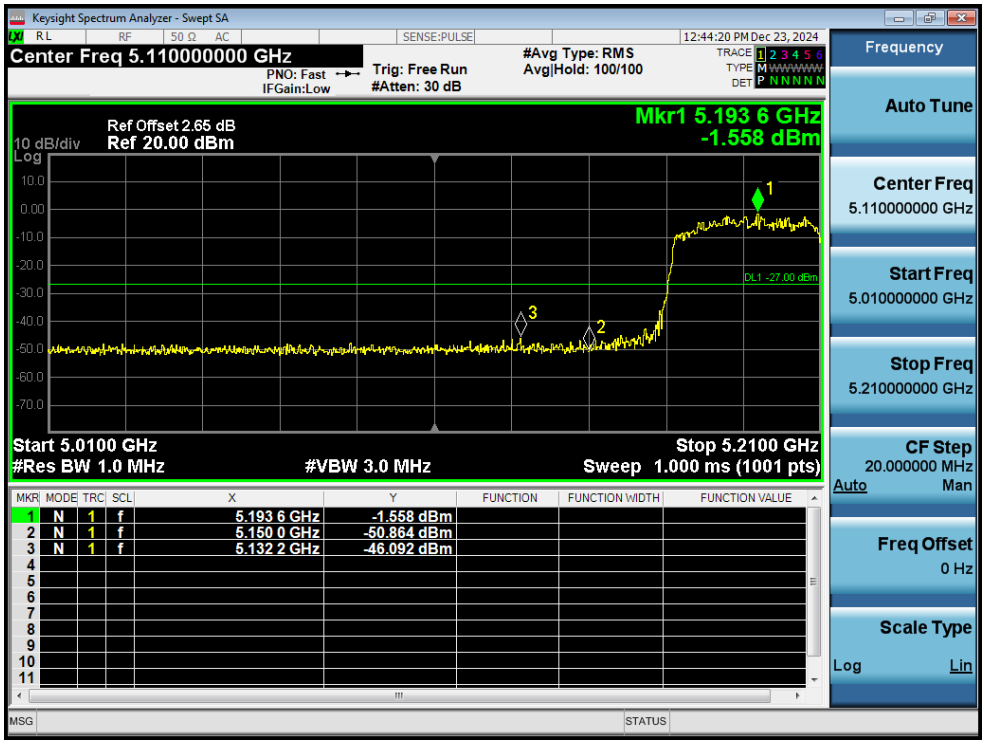
Band Edge NVNT ac40 5230MHz High Ant2



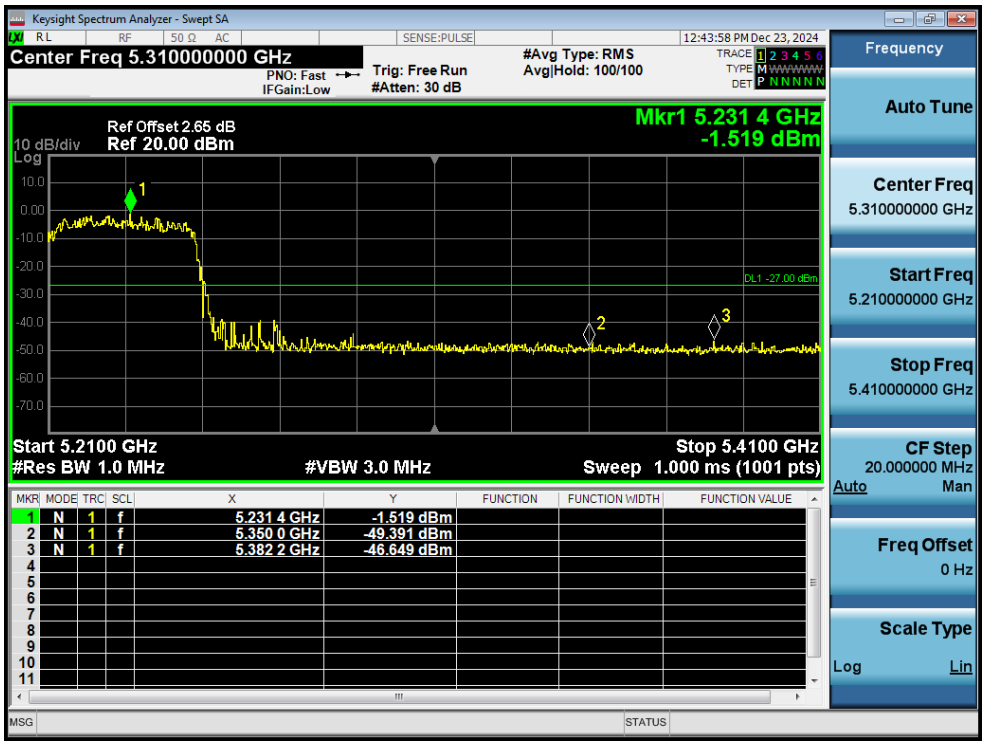
Band Edge NVNT ac80 5210MHz High Ant1



Band Edge NVNT ac80 5210MHz Low Ant1



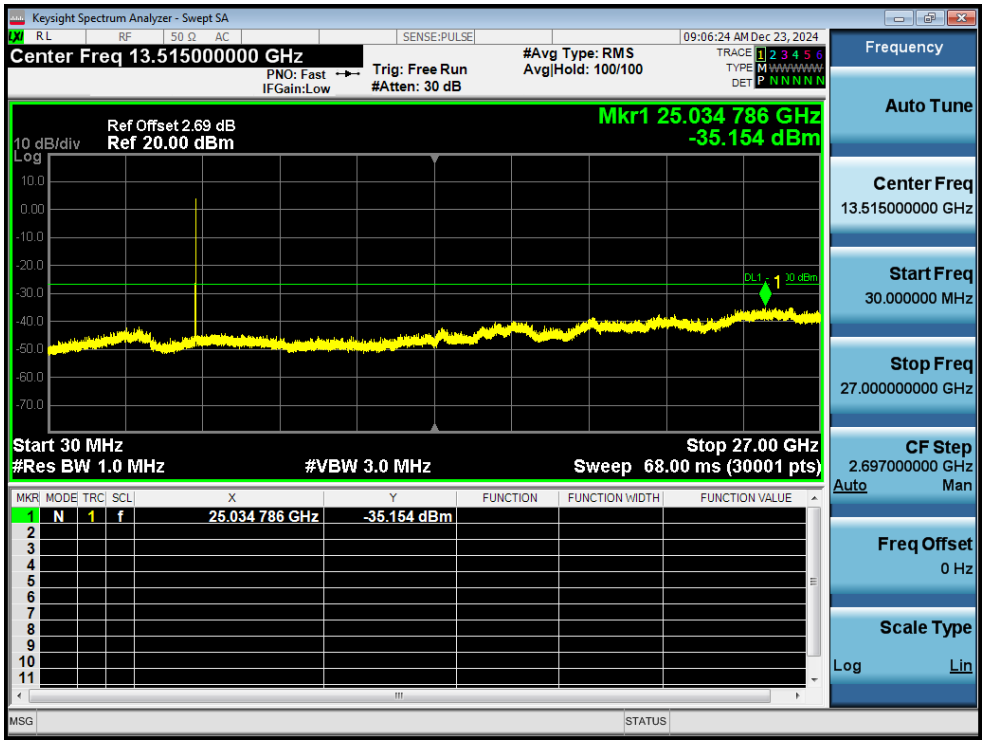
Band Edge NVNT ac80 5210MHz Low Ant2



Band Edge NVNT ac80 5210MHz High Ant2

7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-35.15	-27	Pass
NVNT	a	5200	Ant1	-34.05	-27	Pass
NVNT	a	5240	Ant1	-34.73	-27	Pass
NVNT	a	5180	Ant2	-35.09	-27	Pass
NVNT	a	5200	Ant2	-34.55	-27	Pass
NVNT	a	5240	Ant2	-34.81	-27	Pass
NVNT	n20	5180	Ant1	-35.08	-27	Pass
NVNT	n20	5200	Ant1	-34.55	-27	Pass
NVNT	n20	5240	Ant1	-34.85	-27	Pass
NVNT	n20	5180	Ant2	-33.95	-27	Pass
NVNT	n20	5200	Ant2	-34.66	-27	Pass
NVNT	n20	5240	Ant2	-34.43	-27	Pass
NVNT	n40	5190	Ant1	-34.65	-27	Pass
NVNT	n40	5230	Ant1	-34.09	-27	Pass
NVNT	n40	5190	Ant2	-34.46	-27	Pass
NVNT	n40	5230	Ant2	-35.23	-27	Pass
NVNT	ac20	5180	Ant1	-34.92	-27	Pass
NVNT	ac20	5200	Ant1	-34.67	-27	Pass
NVNT	ac20	5240	Ant1	-34.76	-27	Pass
NVNT	ac20	5180	Ant2	-34.58	-27	Pass
NVNT	ac20	5200	Ant2	-34.84	-27	Pass
NVNT	ac20	5240	Ant2	-35.26	-27	Pass
NVNT	ac40	5190	Ant1	-34.56	-27	Pass
NVNT	ac40	5230	Ant1	-34.4	-27	Pass
NVNT	ac40	5190	Ant2	-35.11	-27	Pass
NVNT	ac40	5230	Ant2	-34.67	-27	Pass
NVNT	ac80	5210	Ant1	-35.02	-27	Pass
NVNT	ac80	5210	Ant2	-34.77	-27	Pass



Tx. Spurious NVNT a 5180MHz Ant1 Emission

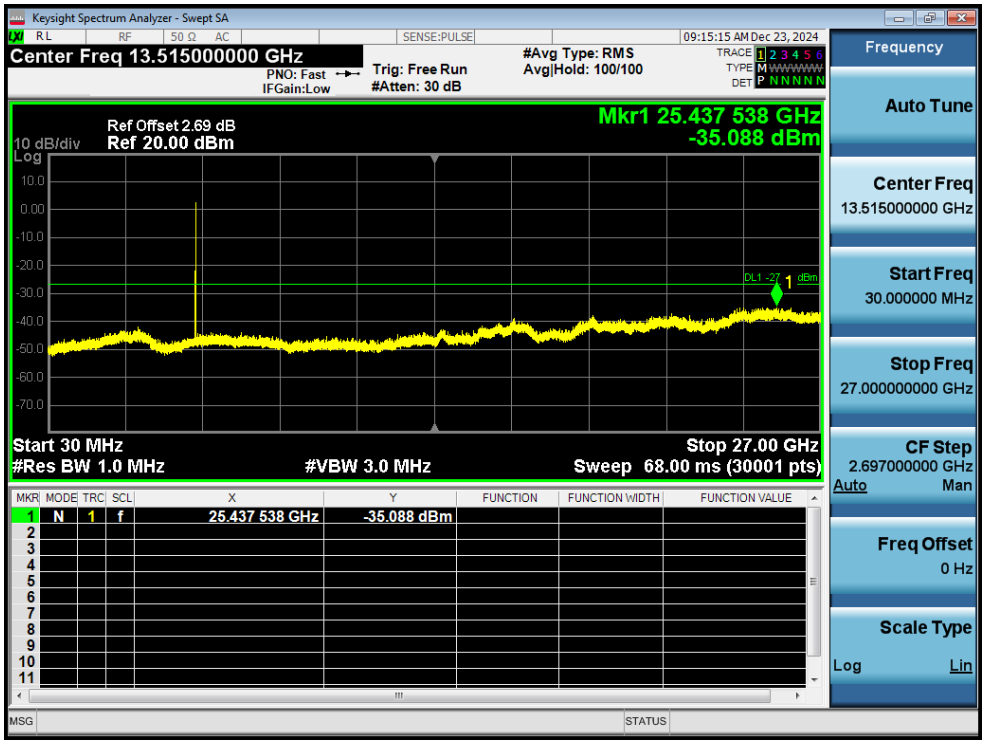
Tx. Spurious NVNT a 5200MHz Ant1 Emission

Tx. Spurious NVNT a 5240MHz Ant1 Emission

Tx. Spurious NVNT a 5180MHz Ant2 Emission

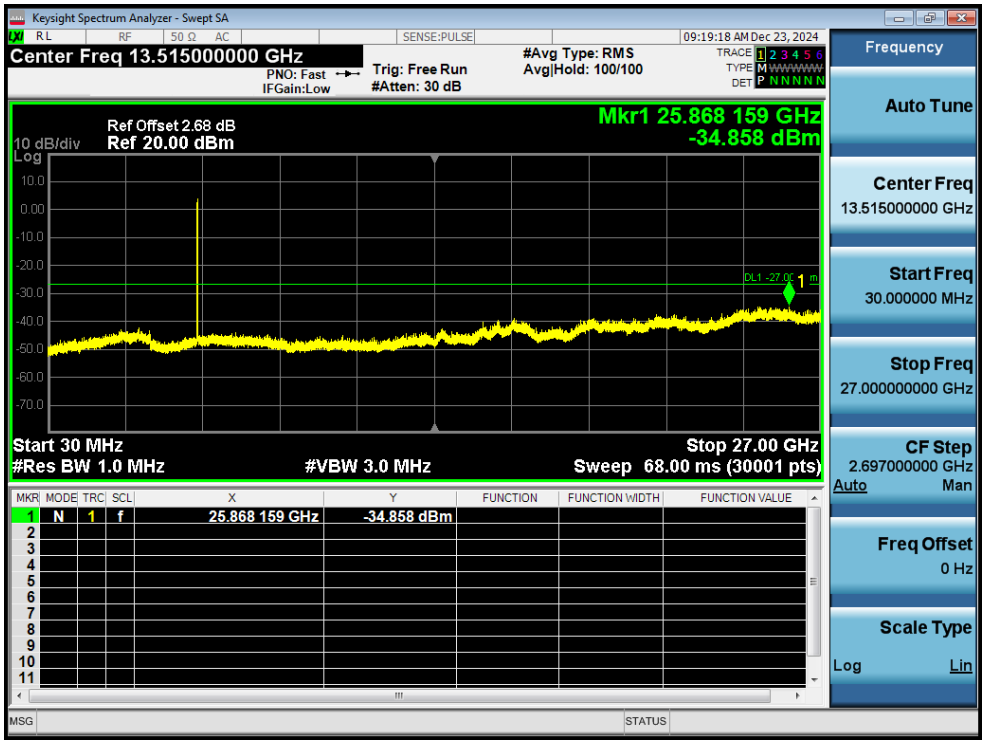
Tx. Spurious NVNT a 5200MHz Ant2 Emission

Tx. Spurious NVNT a 5240MHz Ant2 Emission



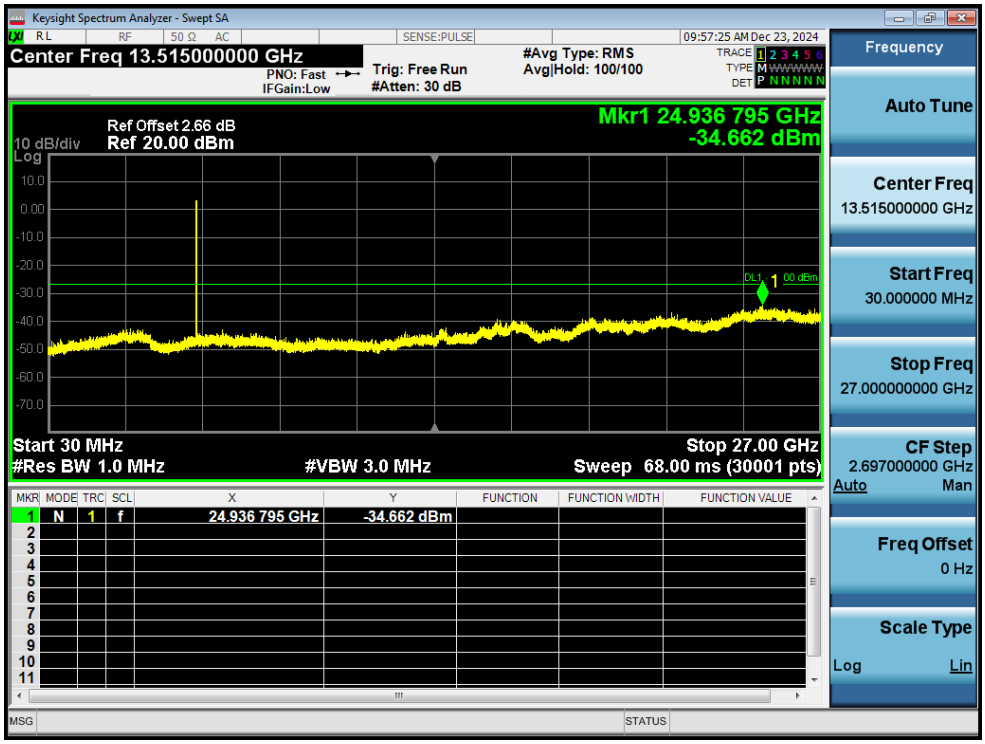
Tx. Spurious NVNT n20 5180MHz Ant1 Emission

Tx. Spurious NVNT n20 5200MHz Ant1 Emission



Tx. Spurious NVNT n20 5240MHz Ant1 Emission

Tx. Spurious NVNT n20 5180MHz Ant2 Emission

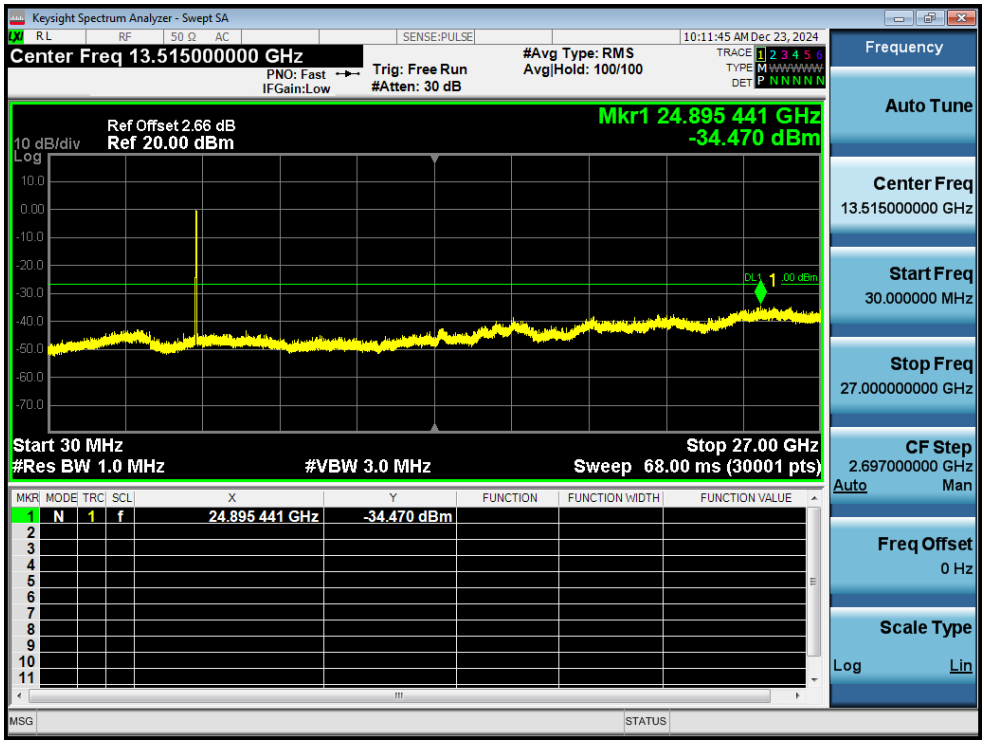


Tx. Spurious NVNT n20 5200MHz Ant2 Emission

Tx. Spurious NVNT n20 5240MHz Ant2 Emission

Tx. Spurious NVNT n40 5190MHz Ant1 Emission

Tx. Spurious NVNT n40 5230MHz Ant1 Emission

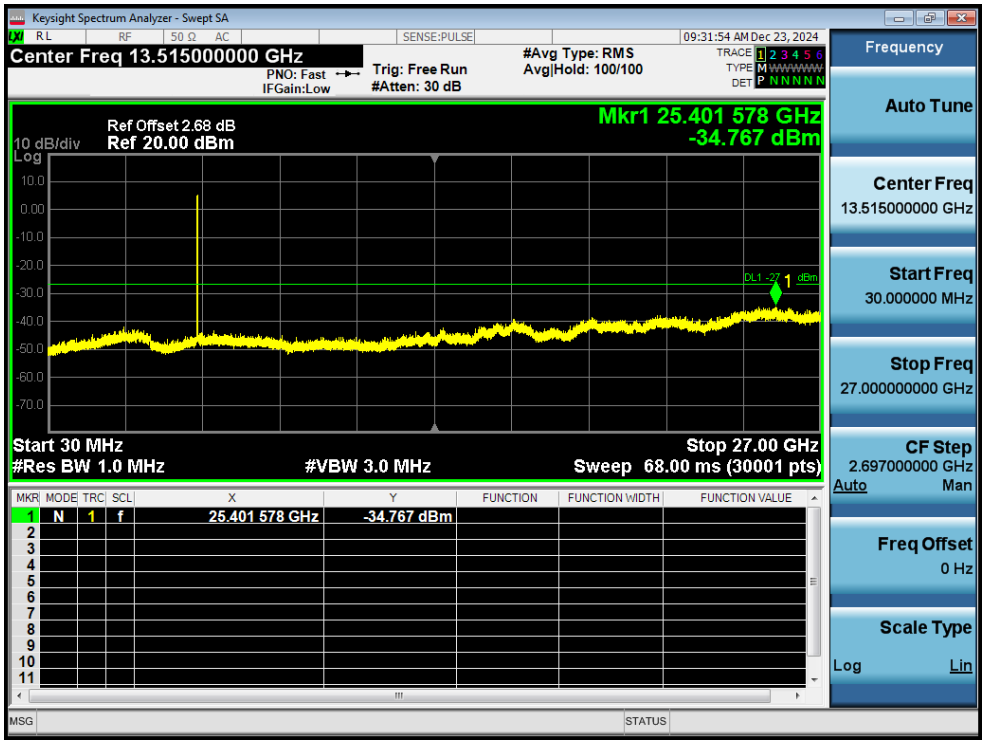


Tx. Spurious NVNT n40 5190MHz Ant2 Emission

Tx. Spurious NVNT n40 5230MHz Ant2 Emission

Tx. Spurious NVNT ac20 5180MHz Ant1 Emission

Tx. Spurious NVNT ac20 5200MHz Ant1 Emission

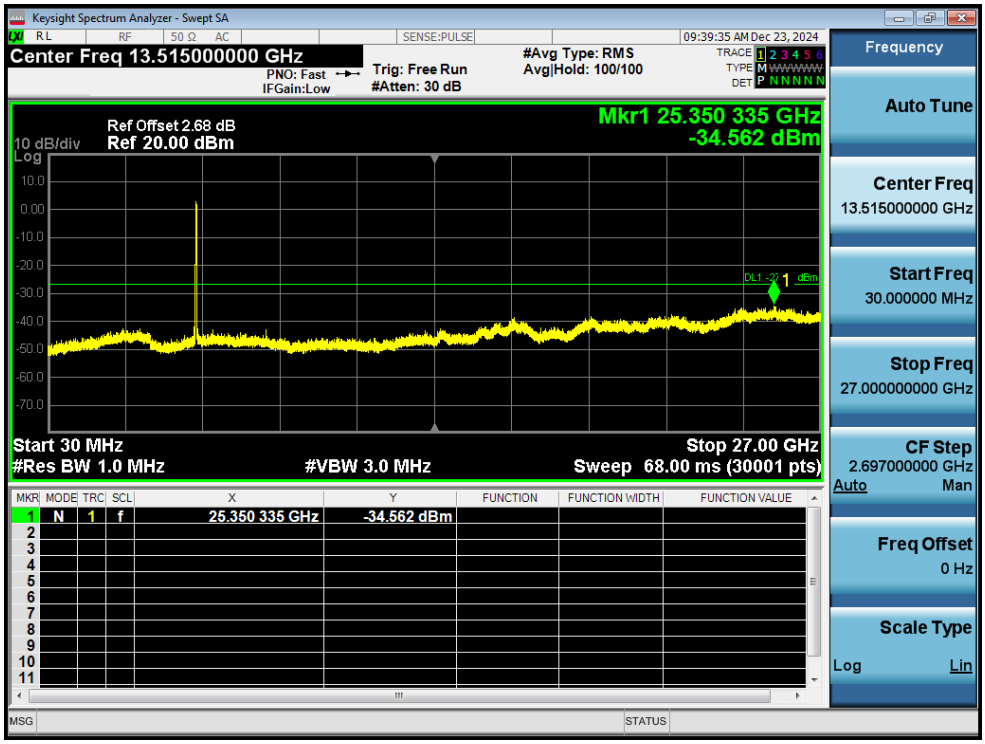


Tx. Spurious NVNT ac20 5240MHz Ant1 Emission

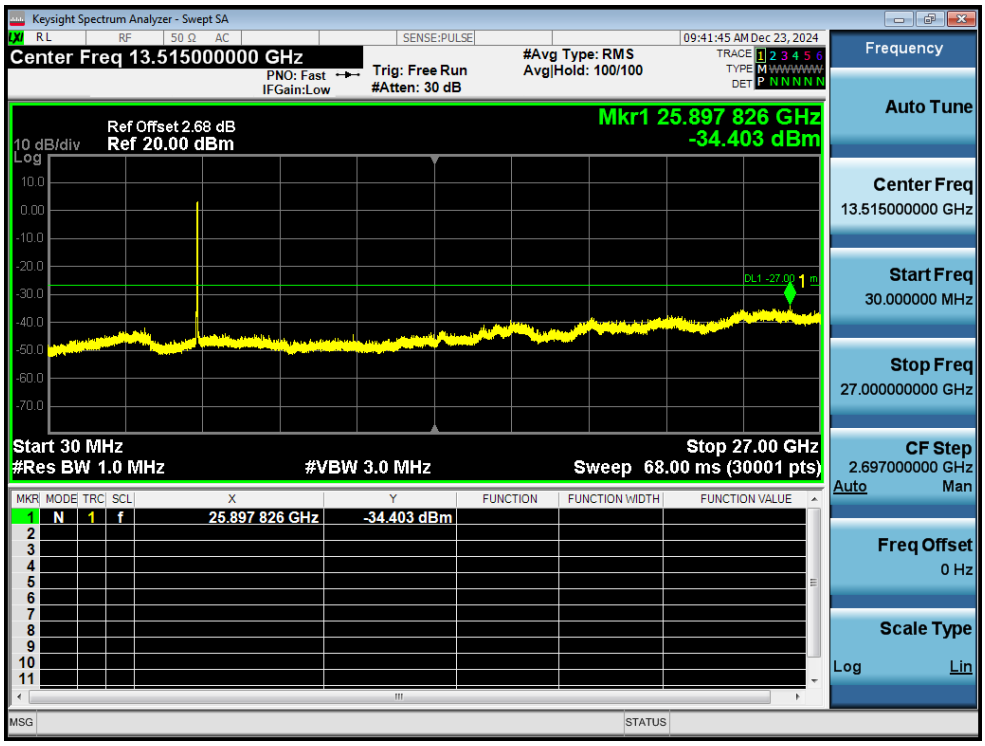
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission

Tx. Spurious NVNT ac20 5200MHz Ant2 Emission

Tx. Spurious NVNT ac20 5240MHz Ant2 Emission



Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



Tx. Spurious NVNT ac40 5230MHz Ant1 Emission

Tx. Spurious NVNT ac40 5190MHz Ant2 Emission

Tx. Spurious NVNT ac40 5230MHz Ant2 Emission

Tx. Spurious NVNT ac80 5210MHz Ant1 Emission

Tx. Spurious NVNT ac80 5210MHz Ant2 Emission