

Appendix D3

7.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	94.73	0.24	0.49
NVNT	a	5700	Ant1	98.02	0	0.49
NVNT	n20	5500	Ant1	96.09	0.17	0.53
NVNT	n20	5700	Ant1	96.98	0.13	0.53
NVNT	n40	5510	Ant1	86.23	0.64	1.07
NVNT	n40	5590	Ant1	84.82	0.72	1.07
NVNT	n40	5670	Ant1	90.76	0.42	1.07
NVNT	ac20	5500	Ant1	94.39	0.25	0.53
NVNT	ac20	5700	Ant1	95.29	0.21	0.53
NVNT	ac40	5510	Ant1	88.48	0.53	1.07
NVNT	ac40	5590	Ant1	89.33	0.49	1.07
NVNT	ac40	5670	Ant1	90.89	0.41	1.07
NVNT	ax20	5500	Ant1	87.61	0.57	0.69
NVNT	ax20	5700	Ant1	95.04	0.22	0.69
NVNT	ax40	5510	Ant1	87.5	0.58	1.34
NVNT	ax40	5590	Ant1	82.67	0.83	1.34
NVNT	ax40	5670	Ant1	93.86	0.28	1.34

7.2 26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	27.481	0.5	Pass
NVNT	a	5700	Ant1	26.707	0.5	Pass
NVNT	n20	5500	Ant1	28.434	0.5	Pass
NVNT	n20	5700	Ant1	27.087	0.5	Pass
NVNT	n40	5510	Ant1	46.99	0.5	Pass
NVNT	n40	5590	Ant1	46.418	0.5	Pass
NVNT	n40	5670	Ant1	45.976	0.5	Pass
NVNT	ac20	5500	Ant1	28.078	0.5	Pass
NVNT	ac20	5700	Ant1	29.35	0.5	Pass
NVNT	ac40	5510	Ant1	46.231	0.5	Pass
NVNT	ac40	5590	Ant1	45.883	0.5	Pass
NVNT	ac40	5670	Ant1	45.678	0.5	Pass
NVNT	ax20	5500	Ant1	25.824	0.5	Pass
NVNT	ax20	5700	Ant1	25.405	0.5	Pass
NVNT	ax40	5510	Ant1	46.498	0.5	Pass
NVNT	ax40	5590	Ant1	44.399	0.5	Pass
NVNT	ax40	5670	Ant1	44.481	0.5	Pass

Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant1



-26dB Bandwidth NVNT a 5700MHz Ant1



-26dB Bandwidth NVNT n20 5500MHz Ant1



-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n40 5510MHz Ant1



-26dB Bandwidth NVNT n40 5590MHz Ant1



-26dB Bandwidth NVNT n40 5670MHz Ant1



-26dB Bandwidth NVNT ac20 5500MHz Ant1



-26dB Bandwidth NVNT ac20 5700MHz Ant1



-26dB Bandwidth NVNT ac40 5510MHz Ant1



-26dB Bandwidth NVNT ac40 5590MHz Ant1



-26dB Bandwidth NVNT ac40 5670MHz Ant1



-26dB Bandwidth NVNT ax20 5500MHz Ant1



-26dB Bandwidth NVNT ax20 5700MHz Ant1



-26dB Bandwidth NVNT ax40 5510MHz Ant1



-26dB Bandwidth NVNT ax40 5590MHz Ant1



-26dB Bandwidth NVNT ax40 5670MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.731
NVNT	a	5700	Ant1	16.818
NVNT	n20	5500	Ant1	17.981
NVNT	n20	5700	Ant1	18.071
NVNT	n40	5510	Ant1	36.473
NVNT	n40	5590	Ant1	36.646
NVNT	n40	5670	Ant1	36.58
NVNT	ac20	5500	Ant1	18.021
NVNT	ac20	5700	Ant1	18.067
NVNT	ac40	5510	Ant1	36.475
NVNT	ac40	5590	Ant1	36.693
NVNT	ac40	5670	Ant1	36.482
NVNT	ax20	5500	Ant1	19.125
NVNT	ax20	5700	Ant1	19.153
NVNT	ax40	5510	Ant1	37.901
NVNT	ax40	5590	Ant1	37.999
NVNT	ax40	5670	Ant1	37.956

Test Graphs

OBW NVNT a 5500MHz Ant1



OBW NVNT a 5700MHz Ant1



OBW NVNT n20 5500MHz Ant1



OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5590MHz Ant1



OBW NVNT n40 5670MHz Ant1



OBW NVNT ac20 5500MHz Ant1



OBW NVNT ac20 5700MHz Ant1



OBW NVNT ac40 5510MHz Ant1



OBW NVNT ac40 5590MHz Ant1



OBW NVNT ac40 5670MHz Ant1



OBW NVNT ax20 5500MHz Ant1



OBW NVNT ax20 5700MHz Ant1



OBW NVNT ax40 5510MHz Ant1



OBW NVNT ax40 5590MHz Ant1



OBW NVNT ax40 5670MHz Ant1

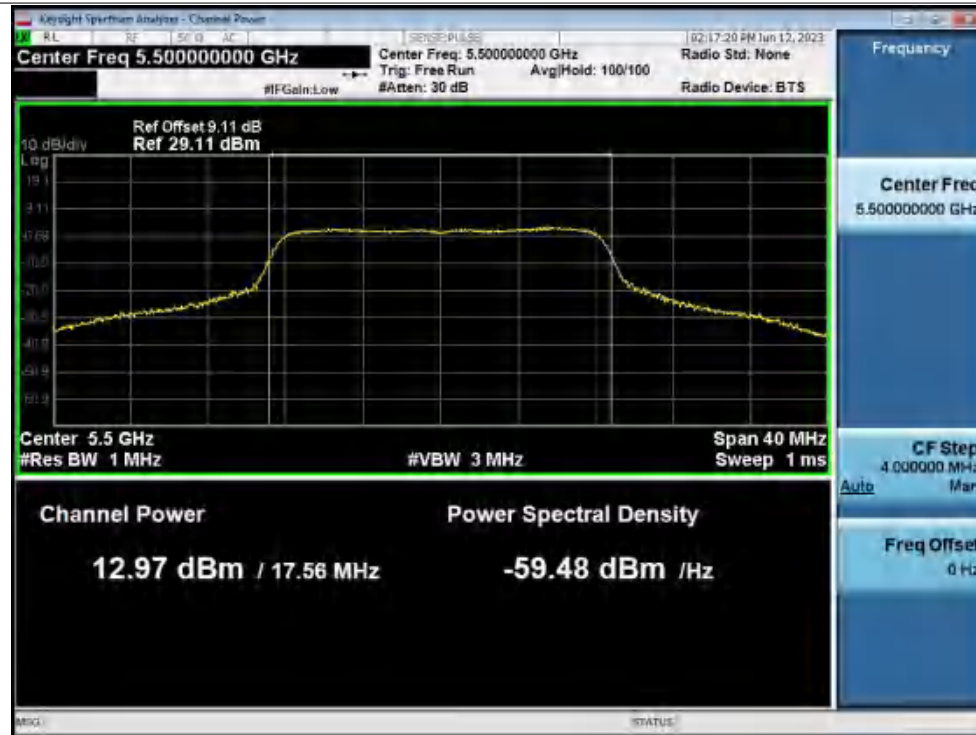


7.3 Maximum Conducted Output Power

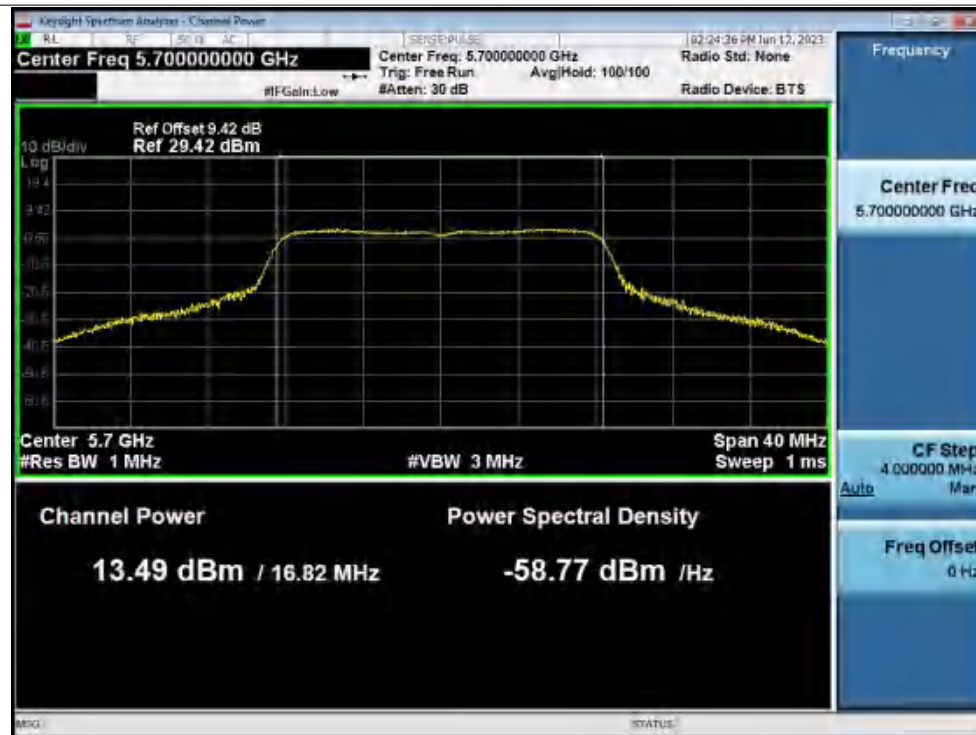
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	E.I.R.P (dBm)	E.I.R.P Limit (dBm)	Verdict
NVNT	a	5500	Ant1	12.97	0.3	13.27	24	18.11	<=30	Pass
NVNT	a	5700	Ant1	13.49	0	13.49	24	18.33	<=30	Pass
NVNT	n20	5500	Ant1	13.22	0.17	13.39	24	18.23	<=30	Pass
NVNT	n20	5700	Ant1	13.51	0.13	13.64	24	18.48	<=30	Pass
NVNT	n40	5510	Ant1	12.8	0.64	13.44	24	18.28	<=30	Pass
NVNT	n40	5590	Ant1	11.91	0.26	12.17	24	17.01	<=30	Pass
NVNT	n40	5670	Ant1	14.33	0.42	14.75	24	19.59	<=30	Pass
NVNT	ac20	5500	Ant1	13.31	0.25	13.56	24	18.40	<=30	Pass
NVNT	ac20	5700	Ant1	13.6	0.21	13.81	24	18.65	<=30	Pass
NVNT	ac40	5510	Ant1	12.88	0.53	13.41	24	18.25	<=30	Pass
NVNT	ac40	5590	Ant1	12.15	0.49	12.64	24	17.48	<=30	Pass
NVNT	ac40	5670	Ant1	14.31	0.41	14.72	24	19.56	<=30	Pass
NVNT	ax20	5500	Ant1	13.3	0.57	13.87	24	18.71	<=30	Pass
NVNT	ax20	5700	Ant1	13.47	0.22	13.69	24	18.53	<=30	Pass
NVNT	ax40	5510	Ant1	12.95	0.58	13.53	24	18.37	<=30	Pass
NVNT	ax40	5590	Ant1	12.09	0	12.09	24	16.93	<=30	Pass
NVNT	ax40	5670	Ant1	14.23	0.28	14.51	24	19.35	<=30	Pass
Note1: Antenna Gain: 4.84dBi;										
Note2: E.I.R.P = Measured Power + Antenna Gain										

Test Graphs

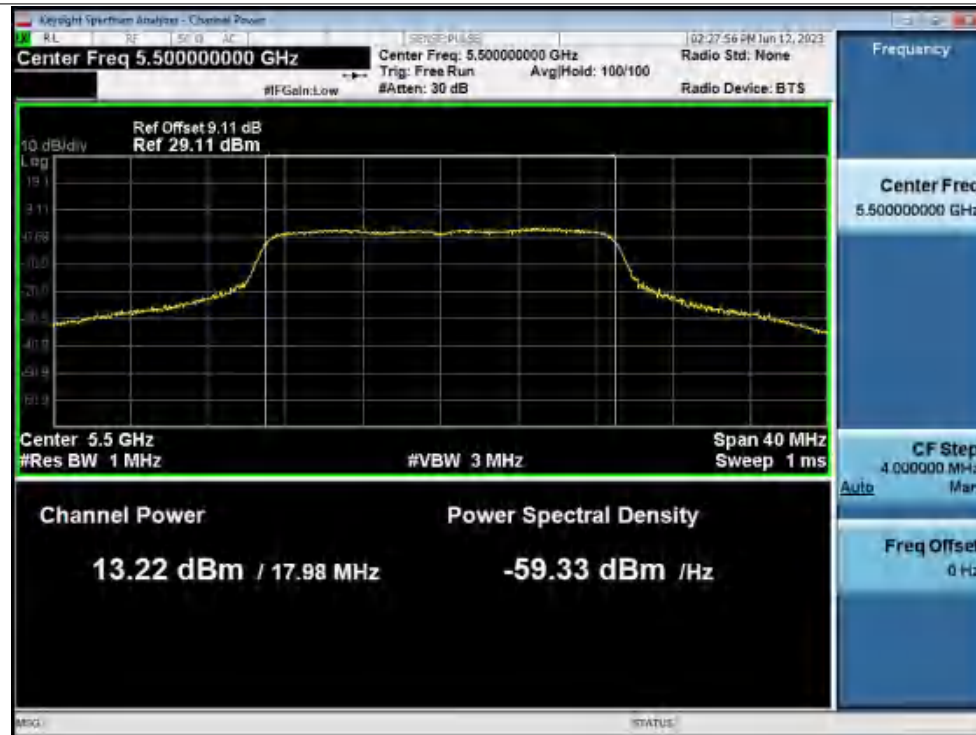
Power NVNT a 5500MHz Ant1



Power NVNT a 5700MHz Ant1



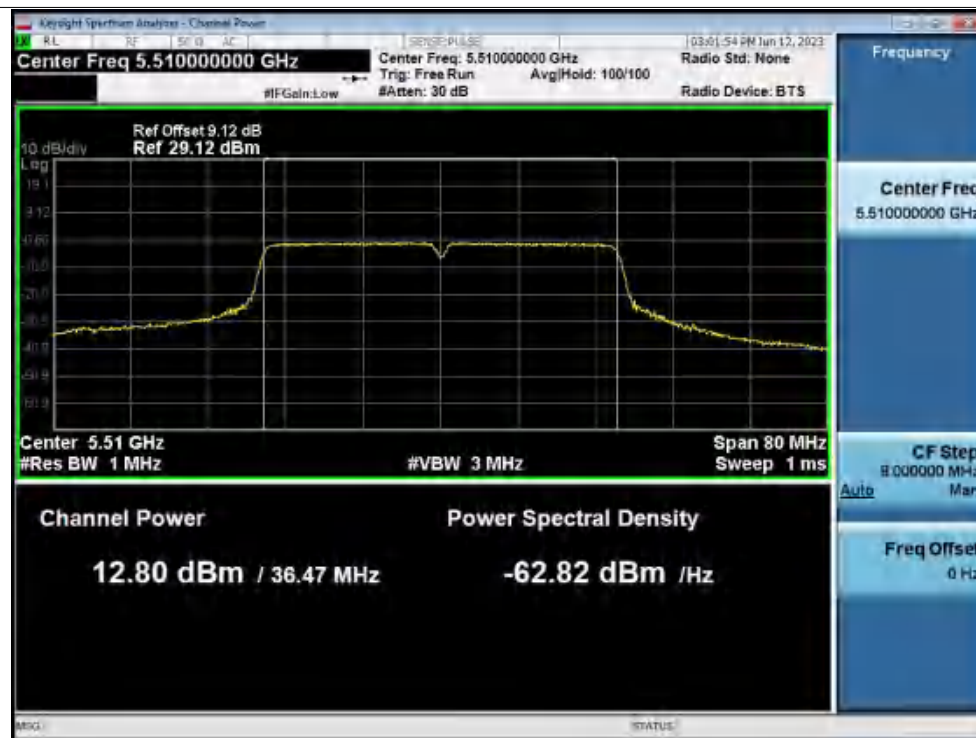
Power NVNT n20 5500MHz Ant1



Power NVNT n20 5700MHz Ant1



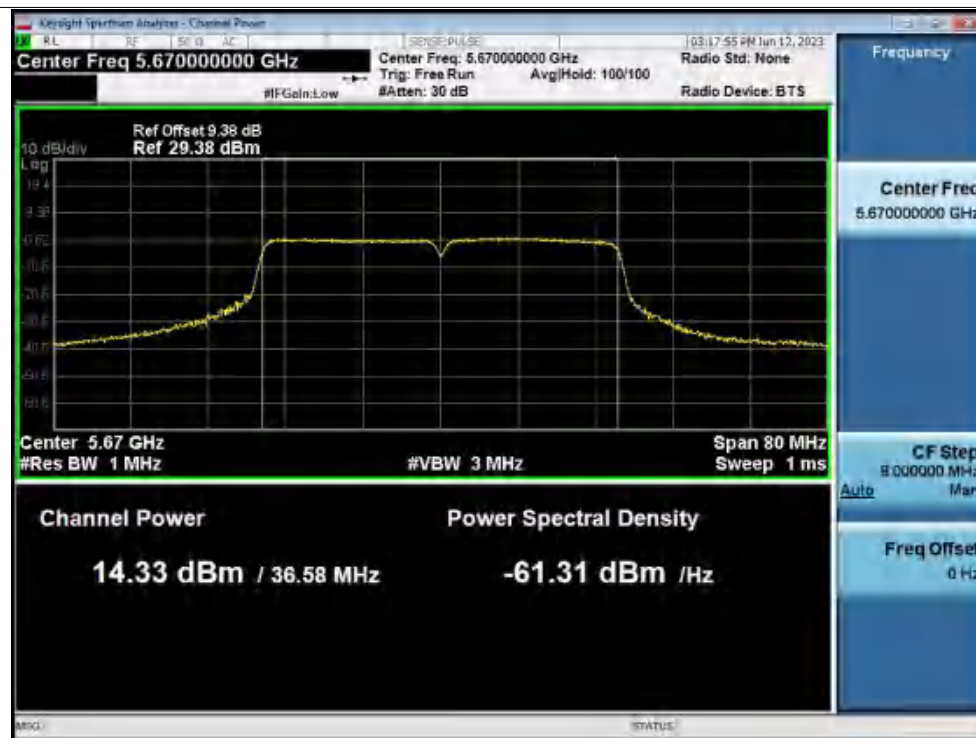
Power NVNT n40 5510MHz Ant1



Power NVNT n40 5590MHz Ant1



Power NVNT n40 5670MHz Ant1



Power NVNT ac20 5500MHz Ant1



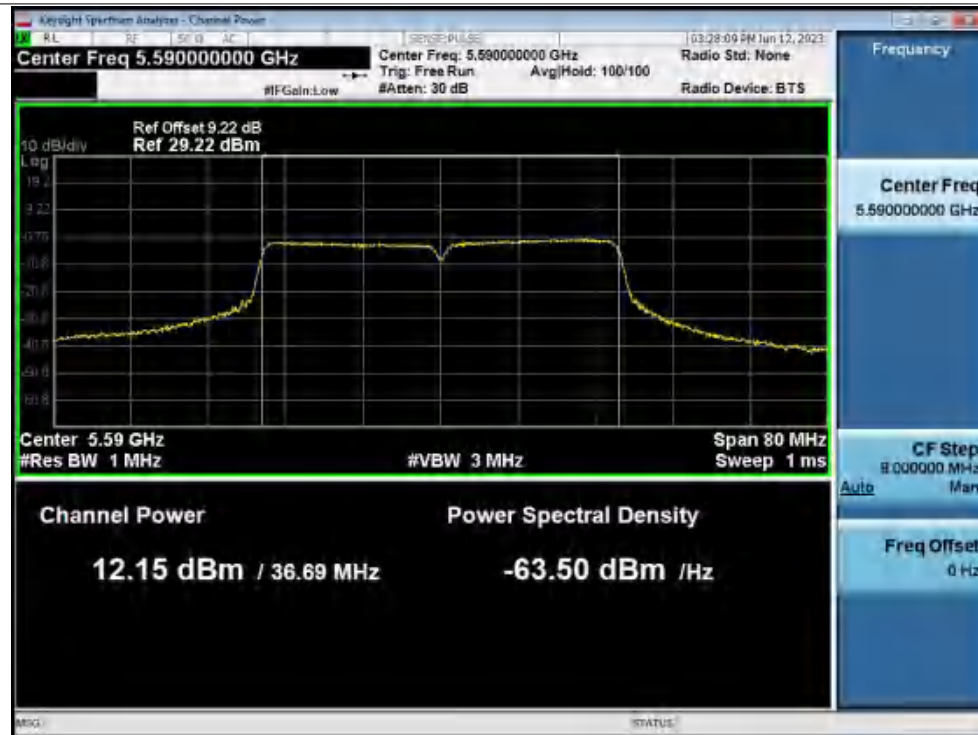
Power NVNT ac20 5700MHz Ant1



Power NVNT ac40 5510MHz Ant1



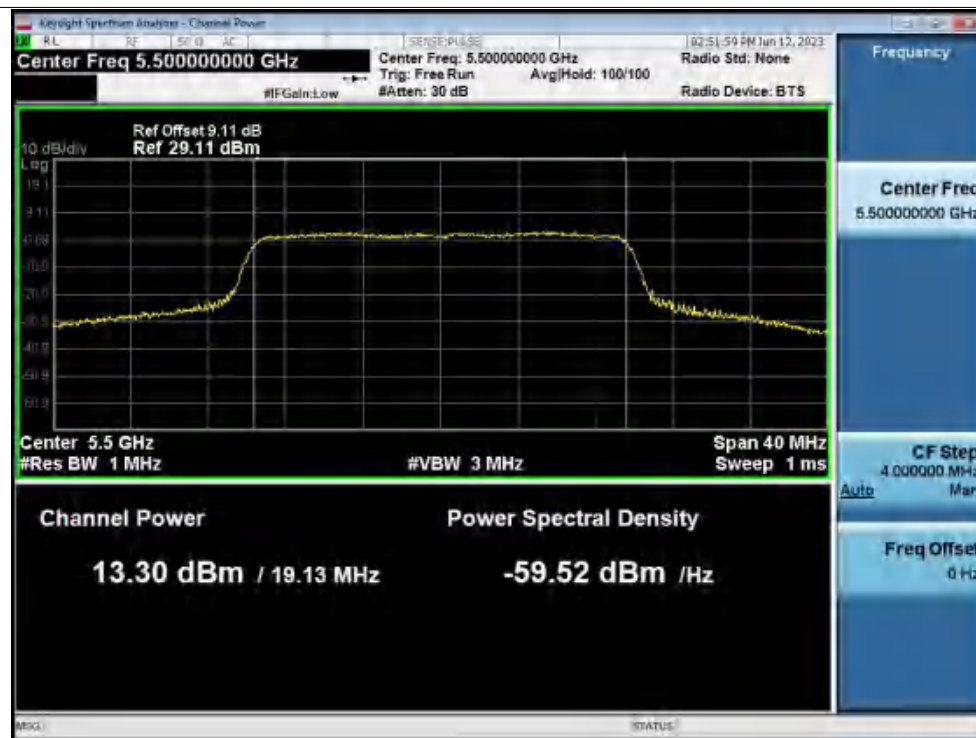
Power NVNT ac40 5590MHz Ant1



Power NVNT ac40 5670MHz Ant1



Power NVNT ax20 5500MHz Ant1



Power NVNT ax20 5700MHz Ant1



Power NVNT ax40 5510MHz Ant1



Power NVNT ax40 5590MHz Ant1



Power NVNT ax40 5670MHz Ant1



7.4 Maximum Power Spectral Density Level

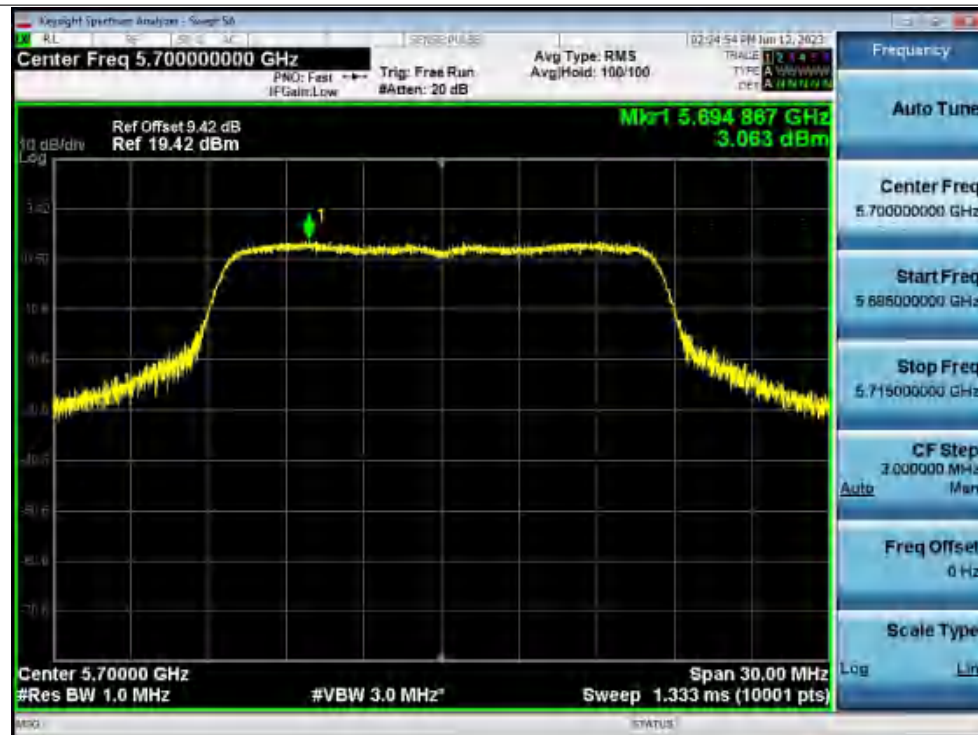
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	2.73	0.24	2.97	11	Pass
NVNT	a	5700	Ant1	3.06	0	3.06	11	Pass
NVNT	n20	5500	Ant1	2.6	0.17	2.77	11	Pass
NVNT	n20	5700	Ant1	2.66	0.13	2.79	11	Pass
NVNT	n40	5510	Ant1	-0.77	0.64	-0.13	11	Pass
NVNT	n40	5590	Ant1	-1.73	0.72	-1.01	11	Pass
NVNT	n40	5670	Ant1	0.41	0.42	0.83	11	Pass
NVNT	ac20	5500	Ant1	2.82	0.25	3.07	11	Pass
NVNT	ac20	5700	Ant1	2.98	0.21	3.19	11	Pass
NVNT	ac40	5510	Ant1	-0.59	0.53	-0.06	11	Pass
NVNT	ac40	5590	Ant1	-1.34	0.49	-0.85	11	Pass
NVNT	ac40	5670	Ant1	0.41	0.41	0.82	11	Pass
NVNT	ax20	5500	Ant1	2.42	0.57	2.99	11	Pass
NVNT	ax20	5700	Ant1	2.6	0.22	2.82	11	Pass
NVNT	ax40	5510	Ant1	-1.08	0.58	-0.5	11	Pass
NVNT	ax40	5590	Ant1	-1.3	0.83	-0.47	11	Pass
NVNT	ax40	5670	Ant1	0.36	0.28	0.64	11	Pass

Test Graphs

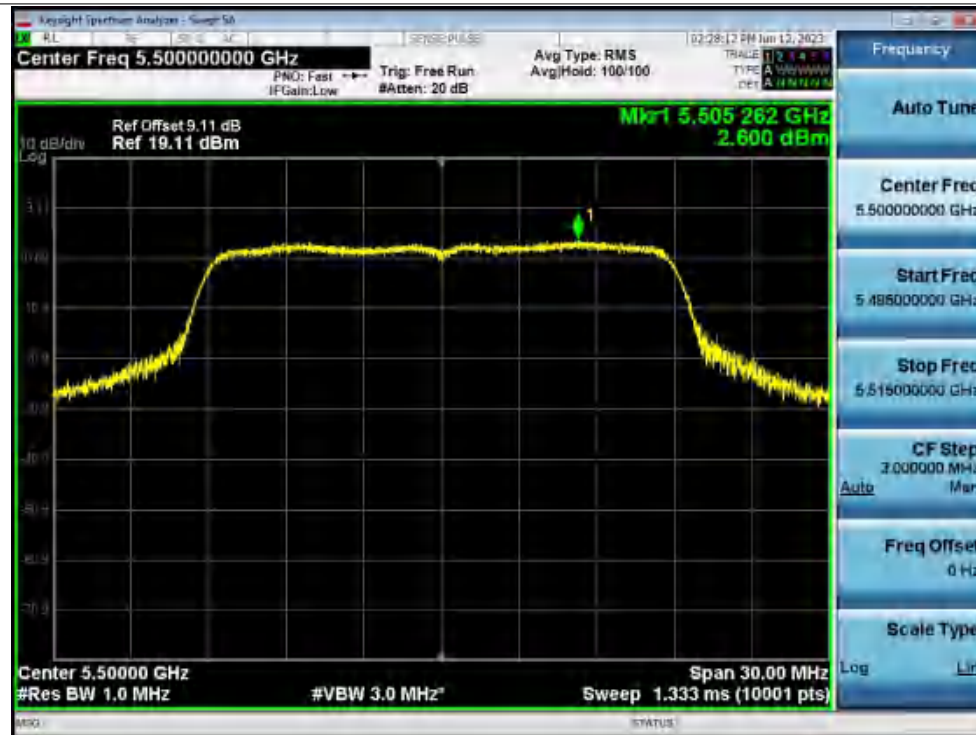
PSD NVNT a 5500MHz Ant1



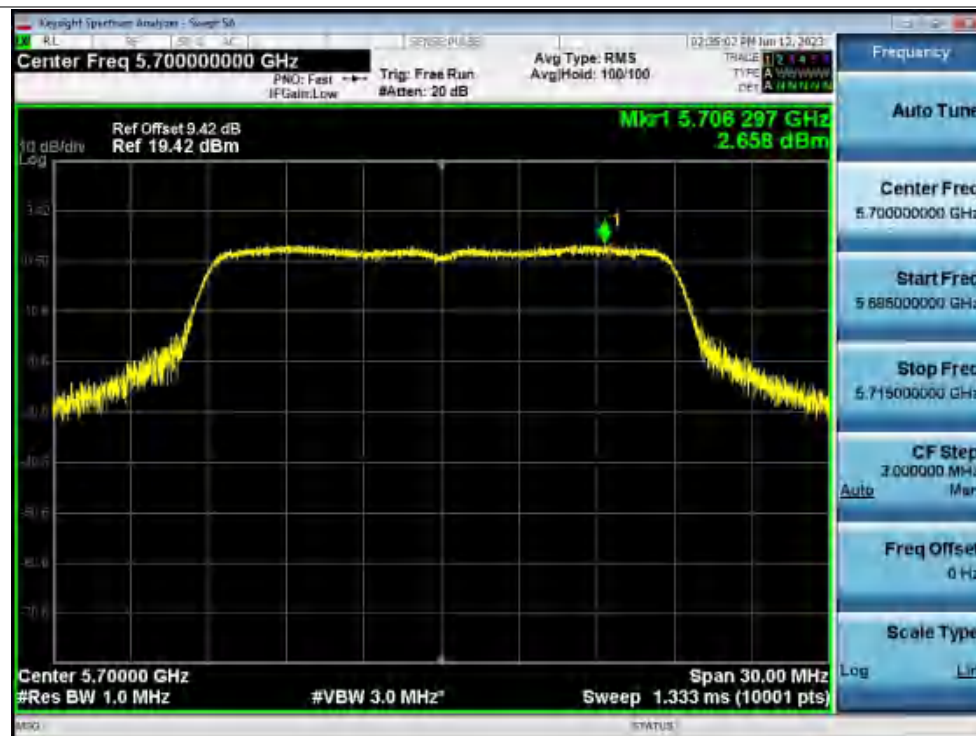
PSD NVNT a 5700MHz Ant1



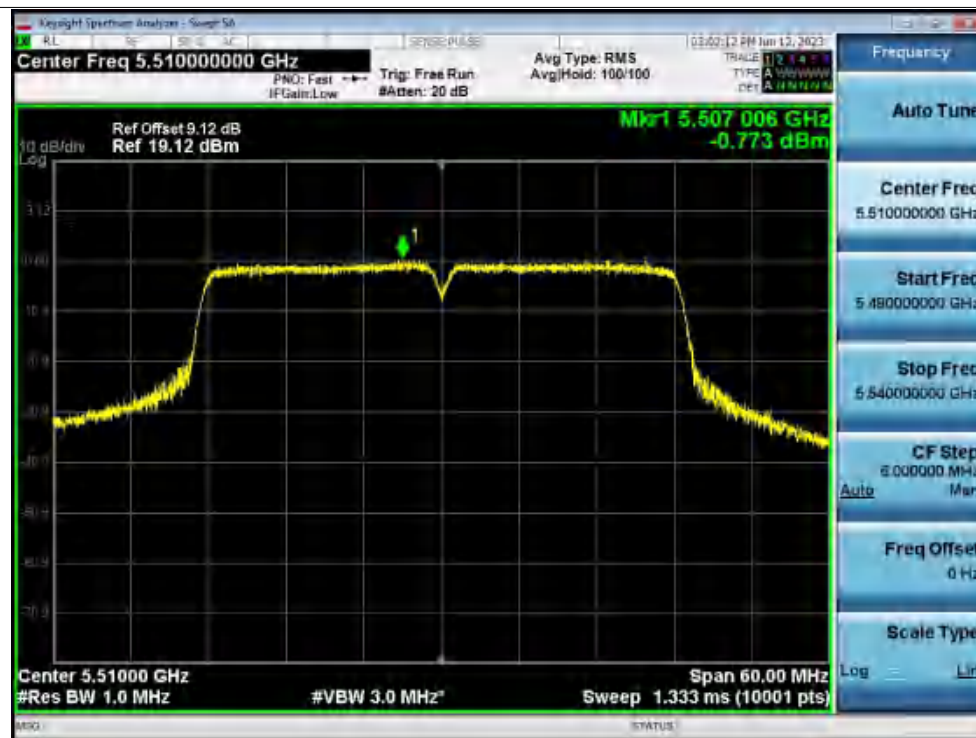
PSD NVNT n20 5500MHz Ant1



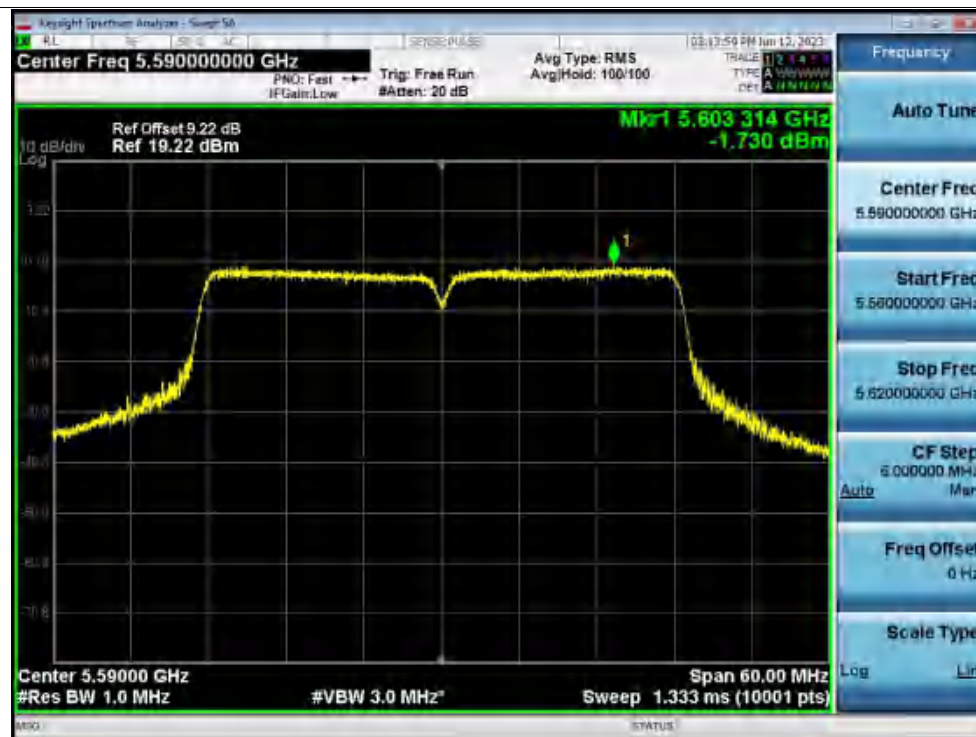
PSD NVNT n20 5700MHz Ant1



PSD NVNT n40 5510MHz Ant1



PSD NVNT n40 5590MHz Ant1



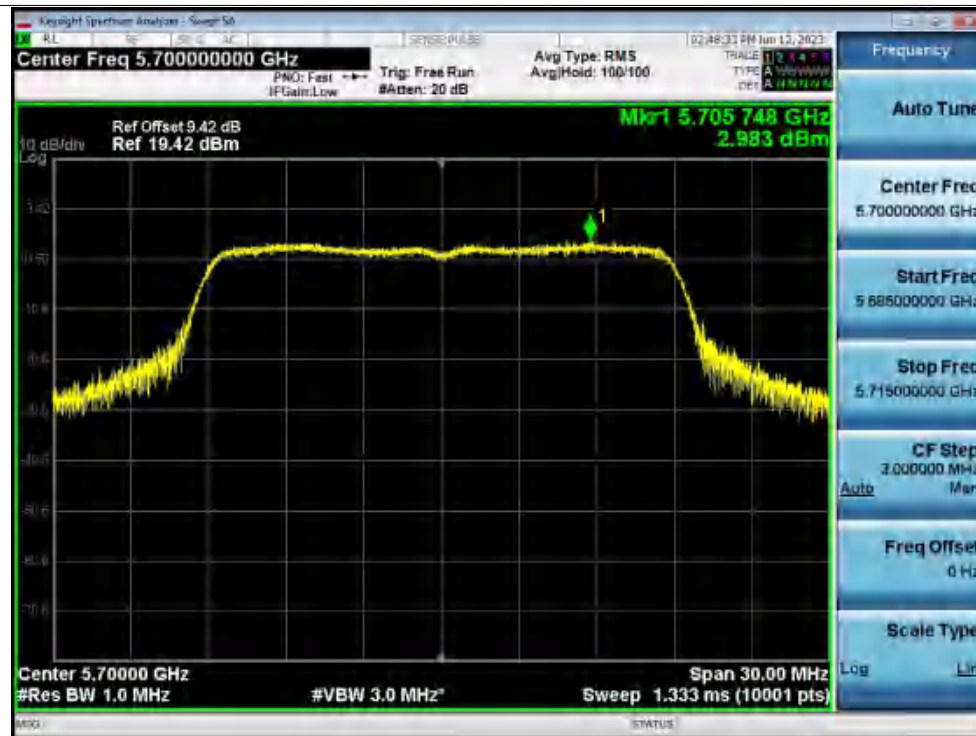
PSD NVNT n40 5670MHz Ant1



PSD NVNT ac20 5500MHz Ant1



PSD NVNT ac20 5700MHz Ant1



PSD NVNT ac40 5510MHz Ant1



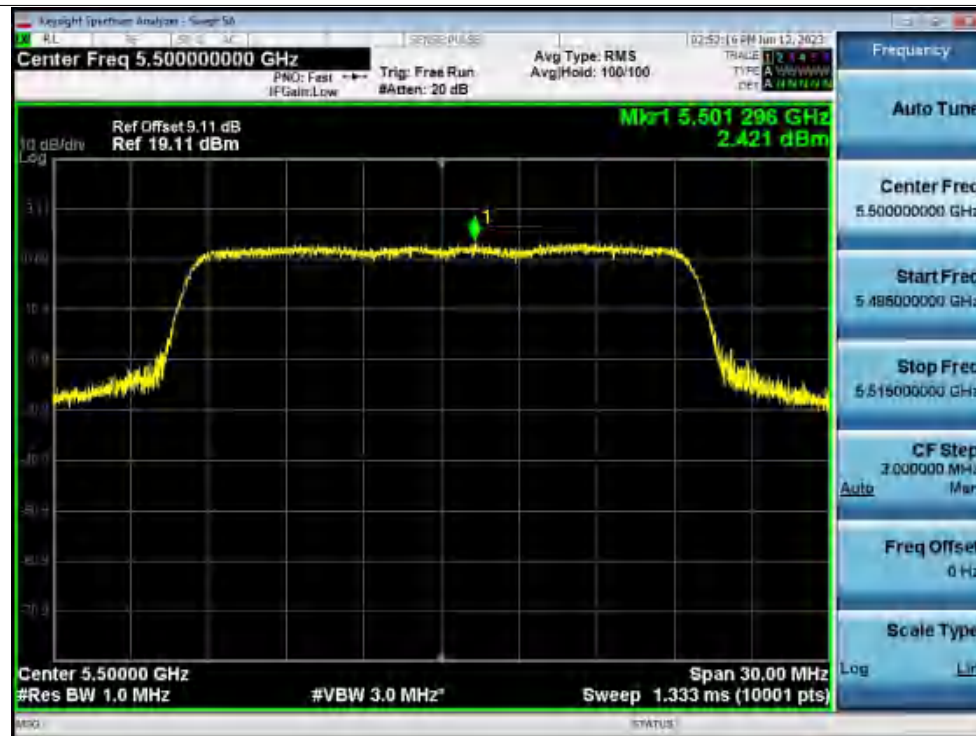
PSD NVNT ac40 5590MHz Ant1



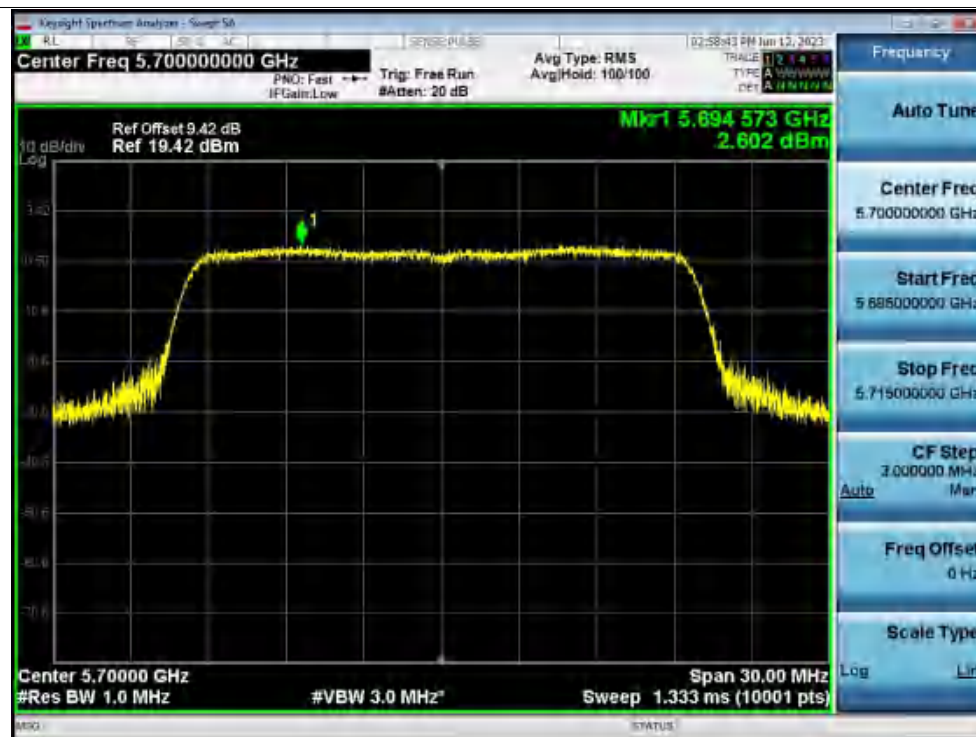
PSD NVNT ac40 5670MHz Ant1



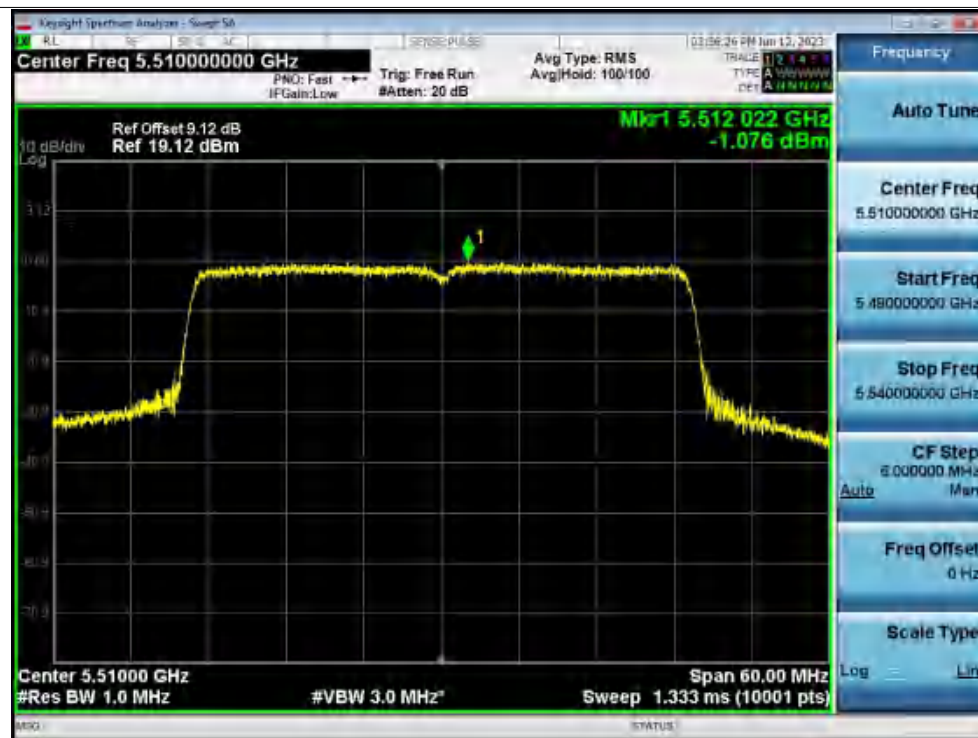
PSD NVNT ax20 5500MHz Ant1



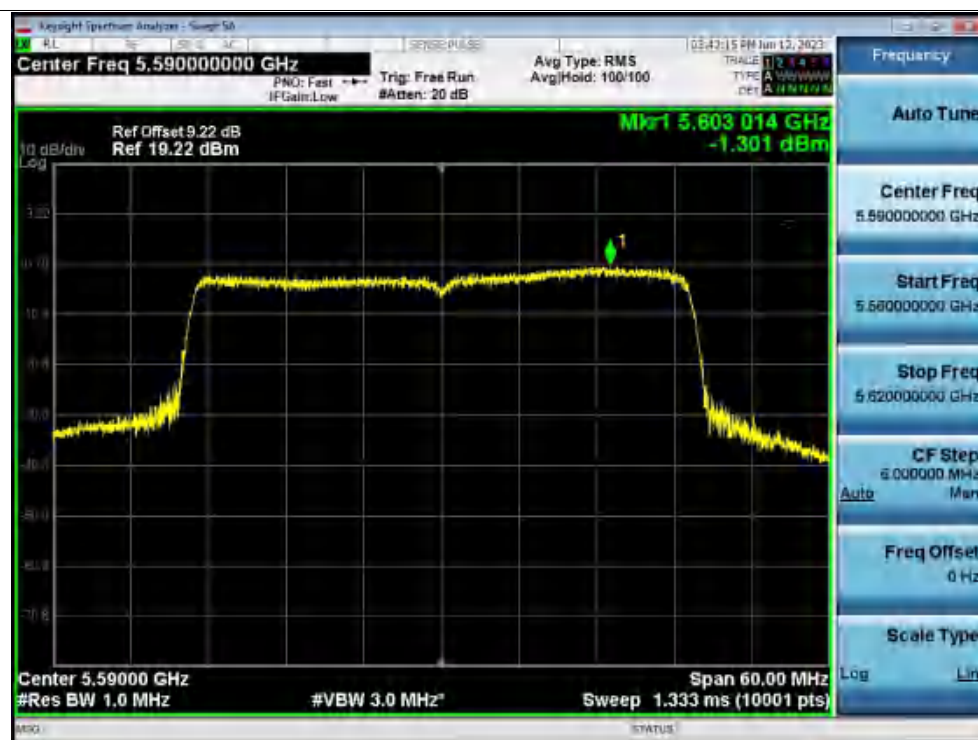
PSD NVNT ax20 5700MHz Ant1



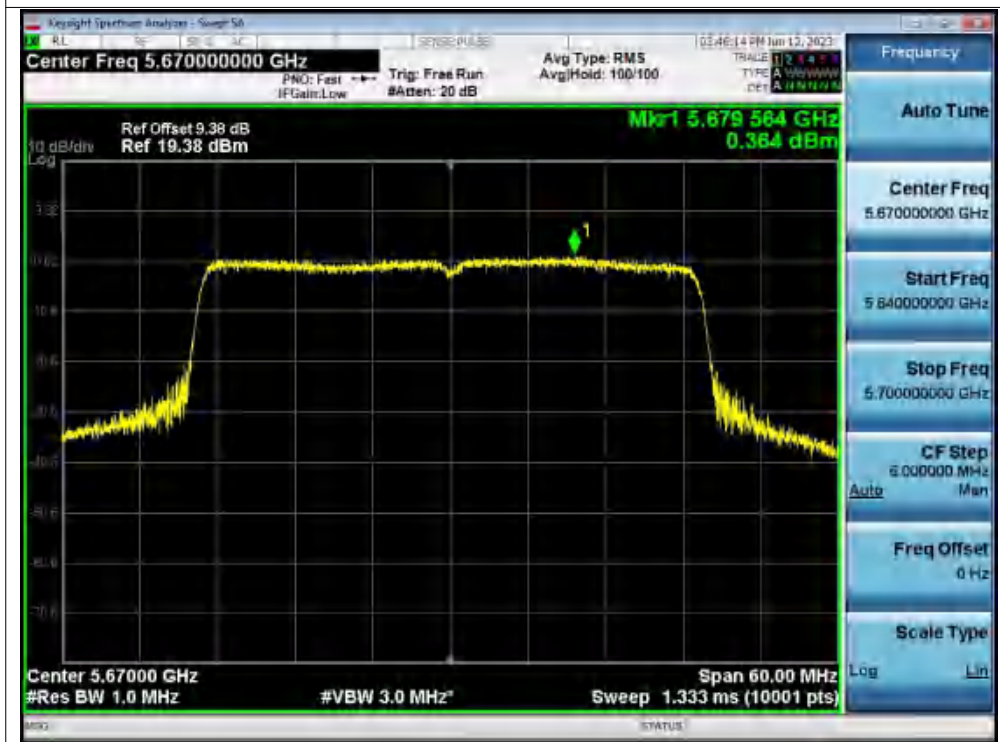
PSD NVNT ax40 5510MHz Ant1



PSD NVNT ax40 5590MHz Ant1



PSD NVNT ax40 5670MHz Ant1



7.5 Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 120V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 138V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-20C 120V	a	0	5500	Ant1	5500	0	0	25	Pass
-10C 120V	a	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0C 120V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
10C 120V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
30C 120V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
40C 120V	a	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
50C 120V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 102V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 120V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 138V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
-20C 120V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
-10C 120V	a	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0C 120V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
10C 120V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
30C 120V	a	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
40C 120V	a	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
50C 120V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 102V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 120V	n20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 138V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-20C 120V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-10C 120V	n20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0C 120V	n20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
10C 120V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
30C 120V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
40C 120V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
50C 120V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 102V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 120V	n20	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 138V	n20	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
-20C 120V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
-10C 120V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
0C 120V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
10C 120V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass

30C 120V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
40C 120V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
50C 120V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 102V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 120V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 138V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-20C 120V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-10C 120V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0C 120V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
10C 120V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
30C 120V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
40C 120V	n40	0	5510	Ant1	5510	0	0	25	Pass
50C 120V	n40	0	5510	Ant1	5510	0	0	25	Pass
20C 102V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 120V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 138V	n40	0	5590	Ant1	5590	0	0	25	Pass
-20C 120V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
-10C 120V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
0C 120V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
10C 120V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
30C 120V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
40C 120V	n40	0	5590	Ant1	5590	0	0	25	Pass
50C 120V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 102V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 120V	n40	0	5670	Ant1	5670	0	0	25	Pass
20C 138V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-20C 120V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-10C 120V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
0C 120V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
10C 120V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
30C 120V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40C 120V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
50C 120V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 102V	ac20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 120V	ac20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 138V	ac20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-20C 120V	ac20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-10C 120V	ac20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
0C 120V	ac20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
10C 120V	ac20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
30C 120V	ac20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass

40C 120V	ac20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
50C 120V	ac20	0	5500	Ant1	5500	0	0	25	Pass
20C 102V	ac20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 120V	ac20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 138V	ac20	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
-20C 120V	ac20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
-10C 120V	ac20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
0C 120V	ac20	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10C 120V	ac20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
30C 120V	ac20	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
40C 120V	ac20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
50C 120V	ac20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 102V	ac40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 120V	ac40	0	5510	Ant1	5510	0	0	25	Pass
20C 138V	ac40	0	5510	Ant1	5510	0	0	25	Pass
-20C 120V	ac40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-10C 120V	ac40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0C 120V	ac40	0	5510	Ant1	5510	0	0	25	Pass
10C 120V	ac40	0	5510	Ant1	5510	0	0	25	Pass
30C 120V	ac40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
40C 120V	ac40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
50C 120V	ac40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 102V	ac40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 120V	ac40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 138V	ac40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
-20C 120V	ac40	0	5590	Ant1	5590	0	0	25	Pass
-10C 120V	ac40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
0C 120V	ac40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
10C 120V	ac40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
30C 120V	ac40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
40C 120V	ac40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
50C 120V	ac40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 102V	ac40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 120V	ac40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 138V	ac40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-20C 120V	ac40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-10C 120V	ac40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
0C 120V	ac40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
10C 120V	ac40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
30C 120V	ac40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40C 120V	ac40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass

50C 120V	ac40	0	5670	Ant1	5669.92	-80000	-14.11	25	Pass
20C 102V	ax20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 120V	ax20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 138V	ax20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-20C 120V	ax20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-10C 120V	ax20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
0C 120V	ax20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
10C 120V	ax20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
30C 120V	ax20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
40C 120V	ax20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
50C 120V	ax20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 102V	ax20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 120V	ax20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 138V	ax20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
-20C 120V	ax20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
-10C 120V	ax20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
0C 120V	ax20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
10C 120V	ax20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
30C 120V	ax20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
40C 120V	ax20	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
50C 120V	ax20	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 102V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 120V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 138V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-20C 120V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-10C 120V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0C 120V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
10C 120V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
30C 120V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
40C 120V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
50C 120V	ax40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 102V	ax40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 120V	ax40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 138V	ax40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
-20C 120V	ax40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
-10C 120V	ax40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
0C 120V	ax40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
10C 120V	ax40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
30C 120V	ax40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
40C 120V	ax40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
50C 120V	ax40	0	5590	Ant1	5590	0	0	25	Pass

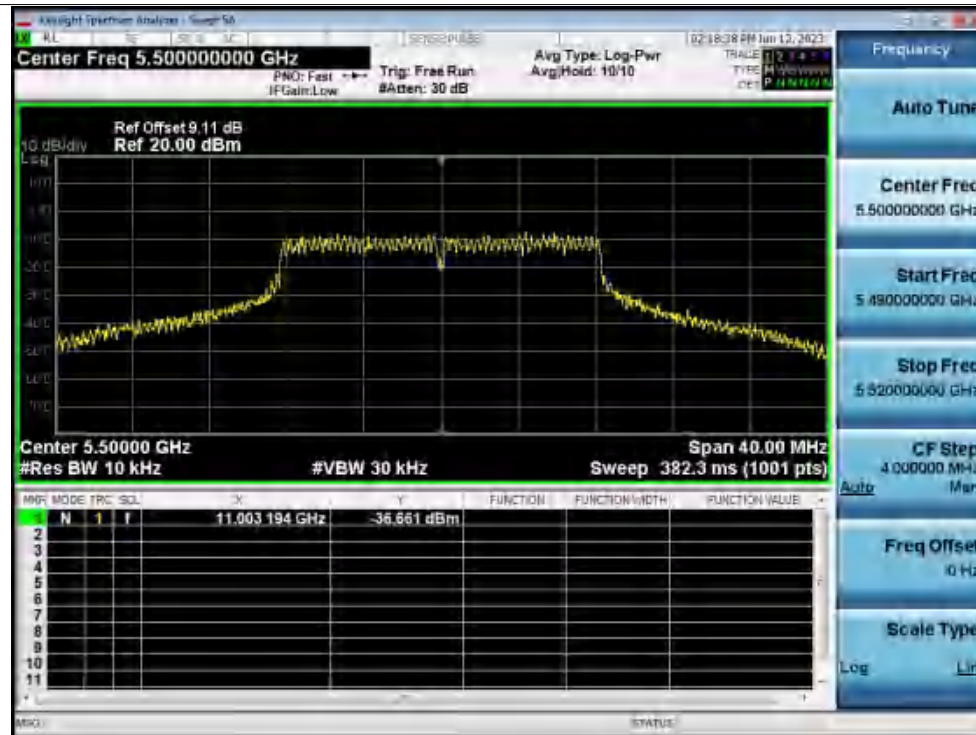


Global Testing Group

20C 102V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 120V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 138V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-20C 120V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-10C 120V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
0C 120V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
10C 120V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
30C 120V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40C 120V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
50C 120V	ax40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass

Test Graphs

Freq. Stability 20C 102V a 5500MHz Ant1 0 Minutes



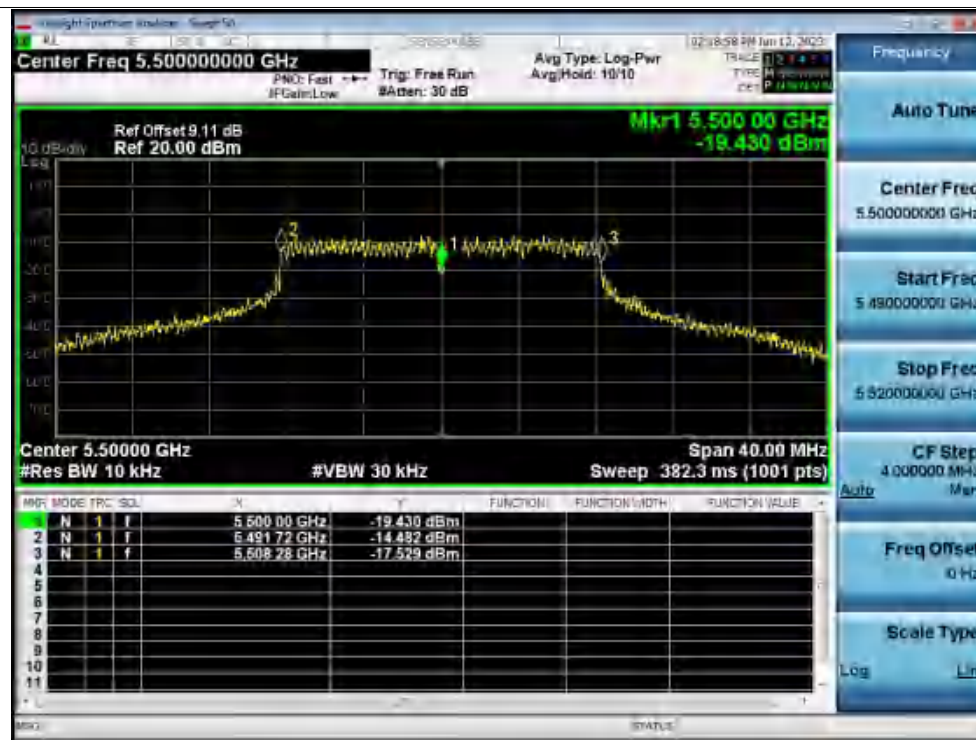
Freq. Stability 20C 120V a 5500MHz Ant1 0 Minutes



Freq. Stability 20C 138V a 5500MHz Ant1 0 Minutes



Freq. Stability -20C 120V a 5500MHz Ant1 0 Minutes



Freq. Stability -10C 120V a 5500MHz Ant1 0 Minutes



Freq. Stability 0C 120V a 5500MHz Ant1 0 Minutes



Freq. Stability 10C 120V a 5500MHz Ant1 0 Minutes



Freq. Stability 30C 120V a 5500MHz Ant1 0 Minutes



Freq. Stability 40C 120V a 5500MHz Ant1 0 Minutes



Freq. Stability 50C 120V a 5500MHz Ant1 0 Minutes



Freq. Stability 20C 102V a 5700MHz Ant1 0 Minutes



Freq. Stability 20C 120V a 5700MHz Ant1 0 Minutes



Freq. Stability 20C 138V a 5700MHz Ant1 0 Minutes



Freq. Stability -20C 120V a 5700MHz Ant1 0 Minutes



Freq. Stability -10C 120V a 5700MHz Ant1 0 Minutes



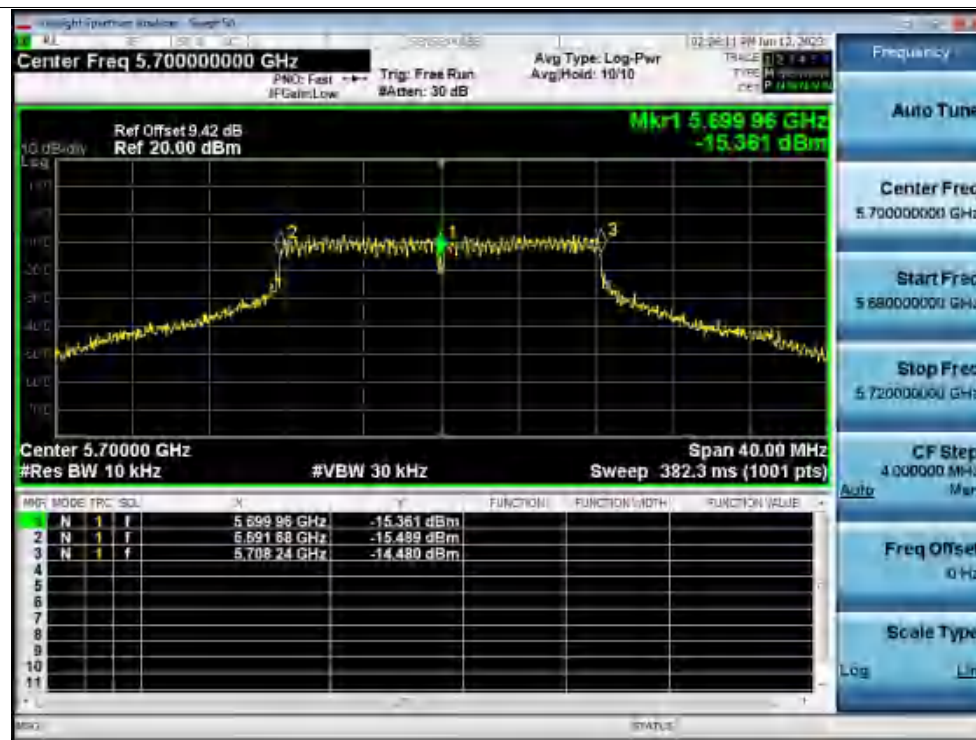
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Freq. Stability 30C 120V a 5700MHz Ant1 0 Minutes



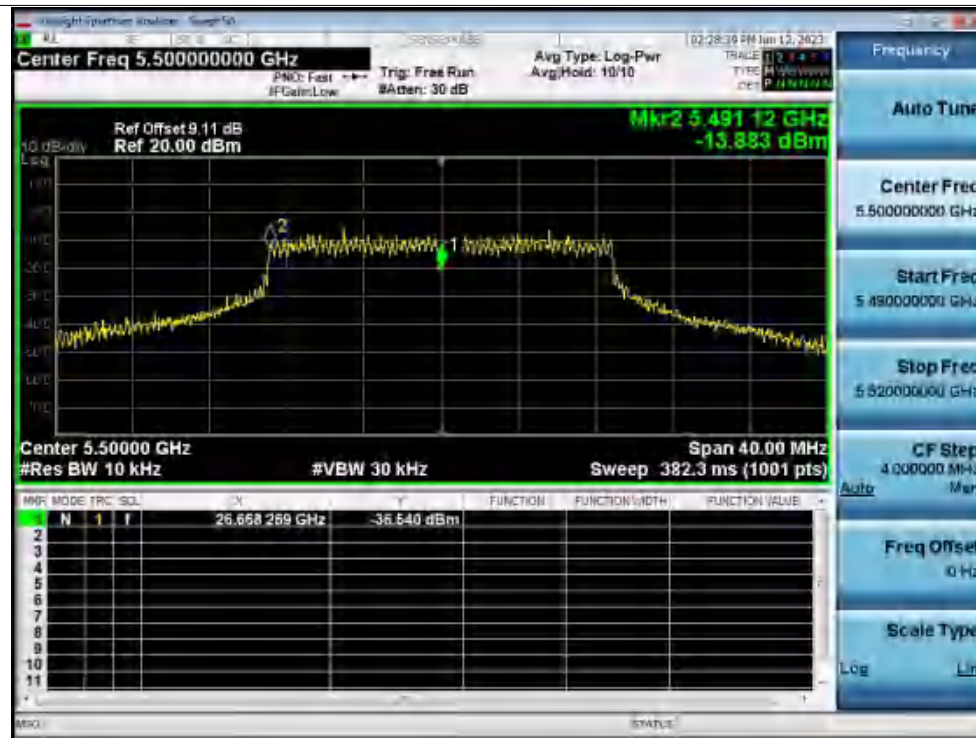
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Freq. Stability 50C 120V a 5700MHz Ant1 0 Minutes



Freq. Stability 20C 102V n20 5500MHz Ant1 0 Minutes



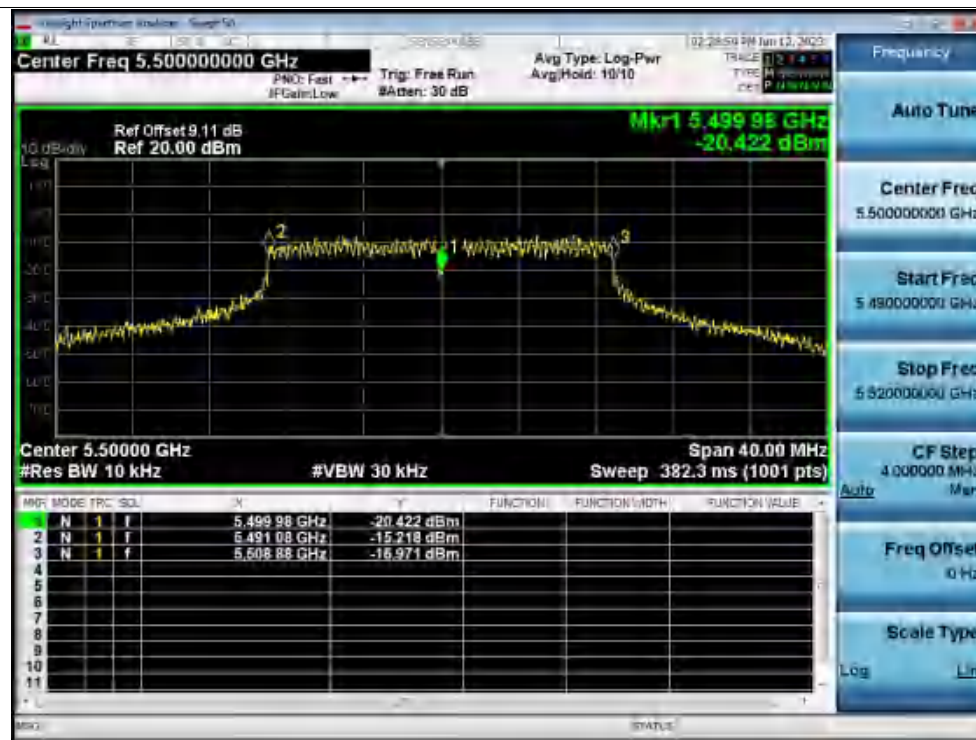
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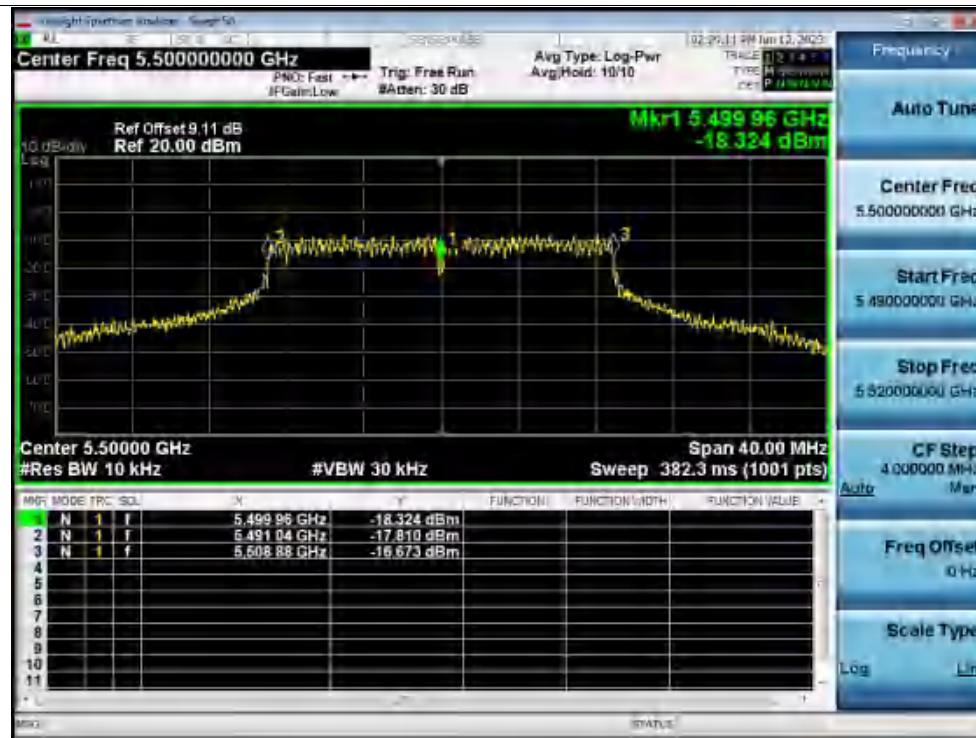
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Freq. Stability -10C 120V n20 5500MHz Ant1 0 Minutes



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Freq. Stability 10C 120V n20 5500MHz Ant1 0 Minutes



Freq. Stability 30C 120V n20 5500MHz Ant1 0 Minutes



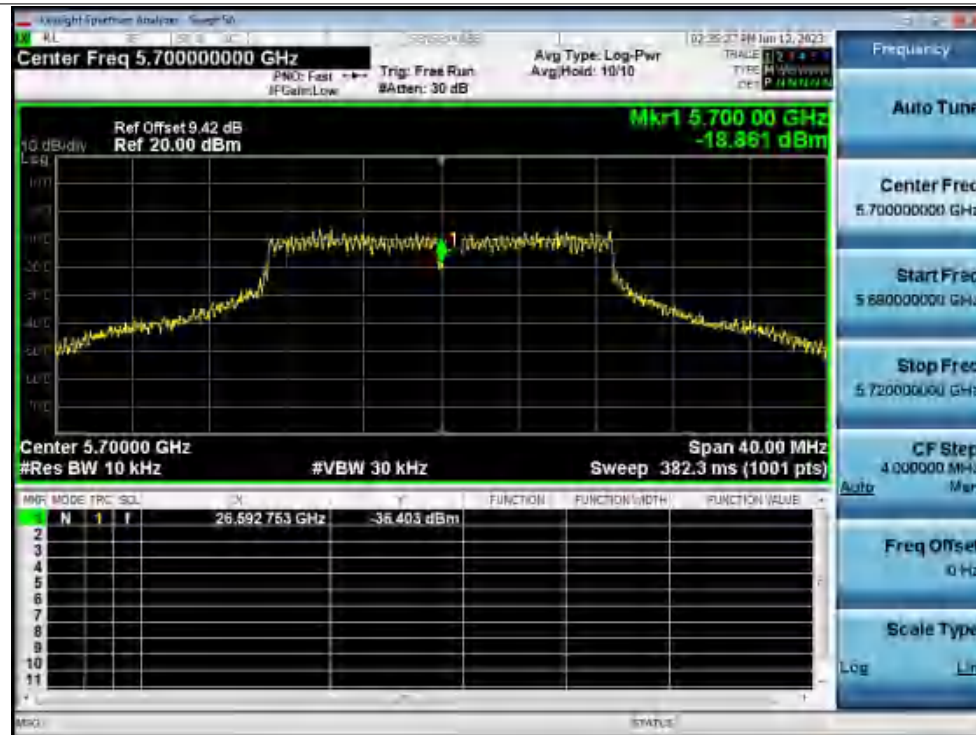
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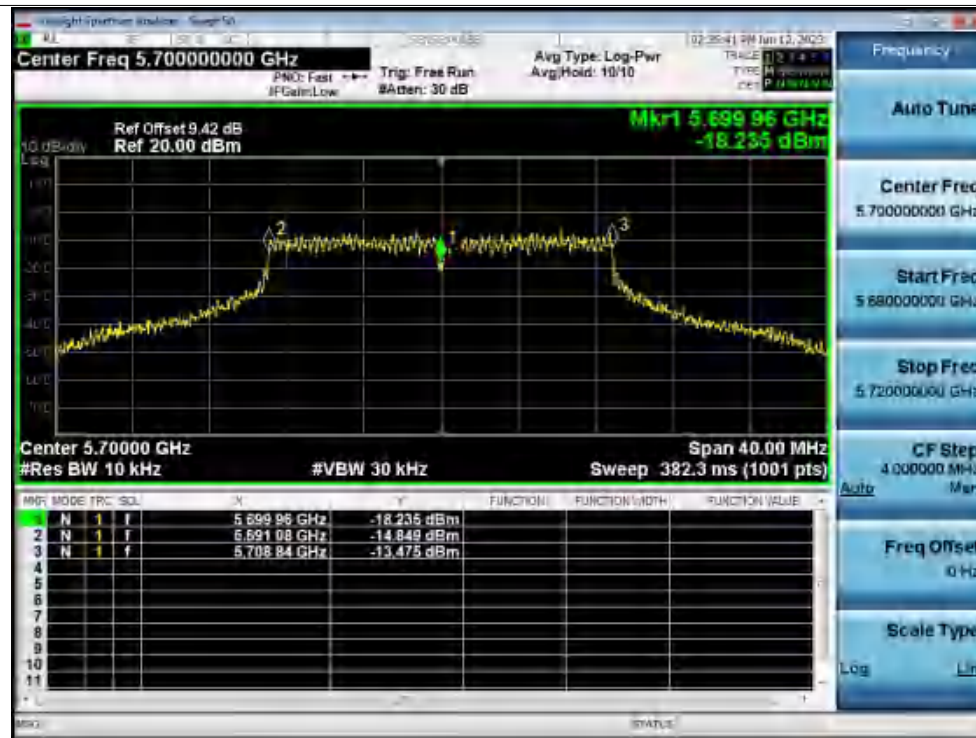
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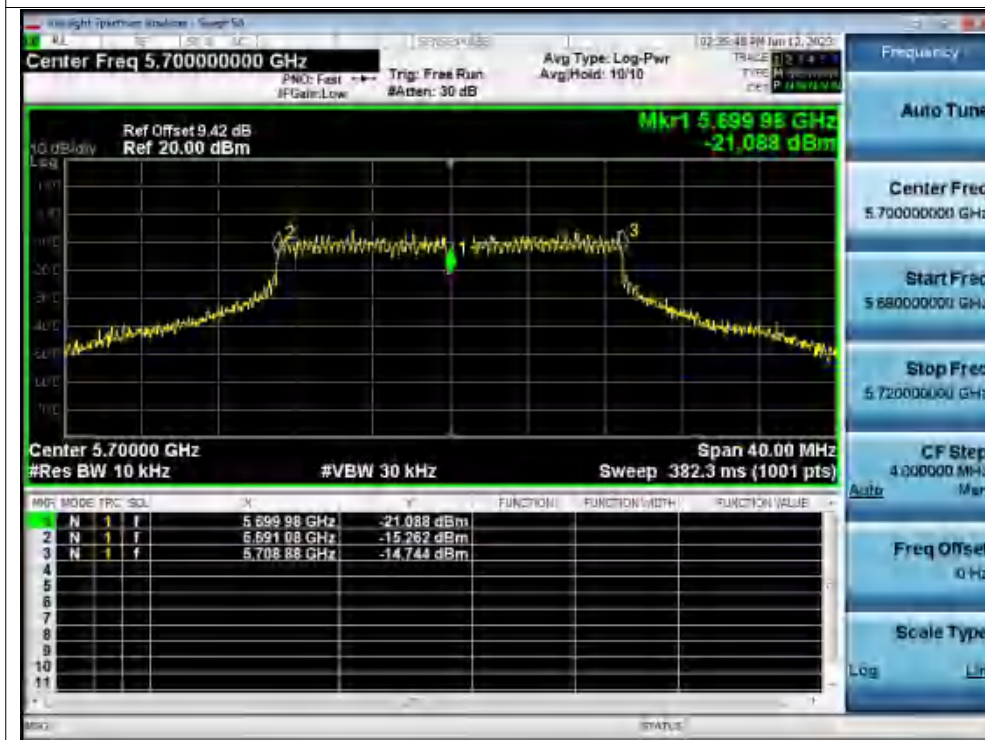
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Freq. Stability 20C 138V n20 5700MHz Ant1 0 Minutes



Freq. Stability -20C 120V n20 5700MHz Ant1 0 Minutes



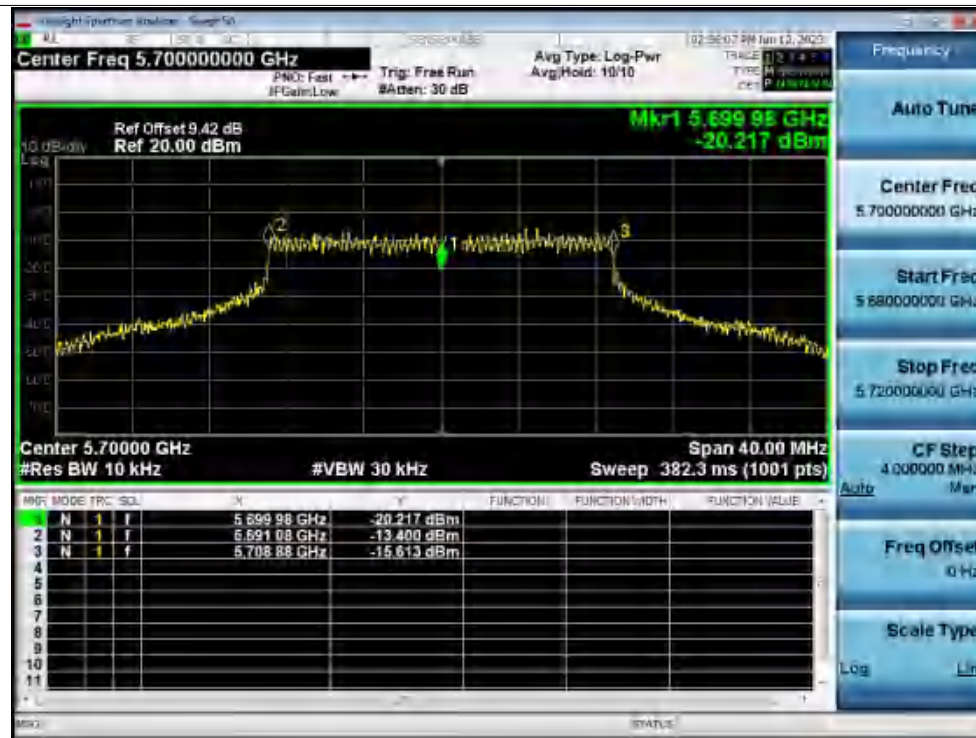
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Freq. Stability 0C 120V n20 5700MHz Ant1 0 Minutes



Freq. Stability 10C 120V n20 5700MHz Ant1 0 Minutes



Freq. Stability 30C 120V n20 5700MHz Ant1 0 Minutes



Freq. Stability 40C 120V n20 5700MHz Ant1 0 Minutes



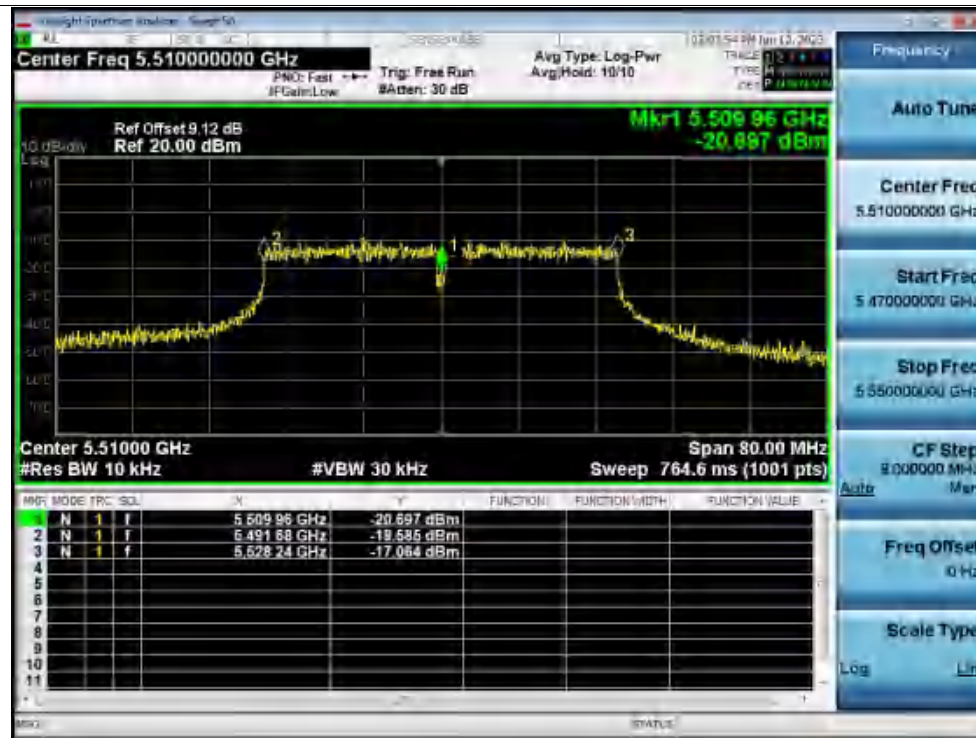
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Freq. Stability 20C 102V n40 5510MHz Ant1 0 Minutes



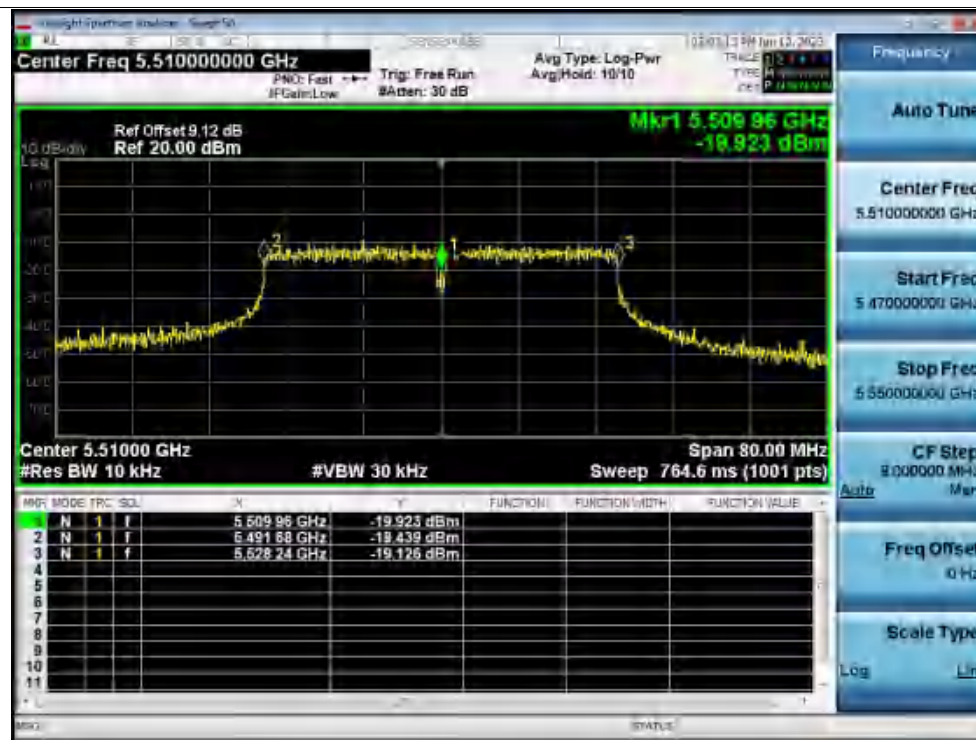
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Freq. Stability 20C 138V n40 5510MHz Ant1 0 Minutes



Freq. Stability -20C 120V n40 5510MHz Ant1 0 Minutes



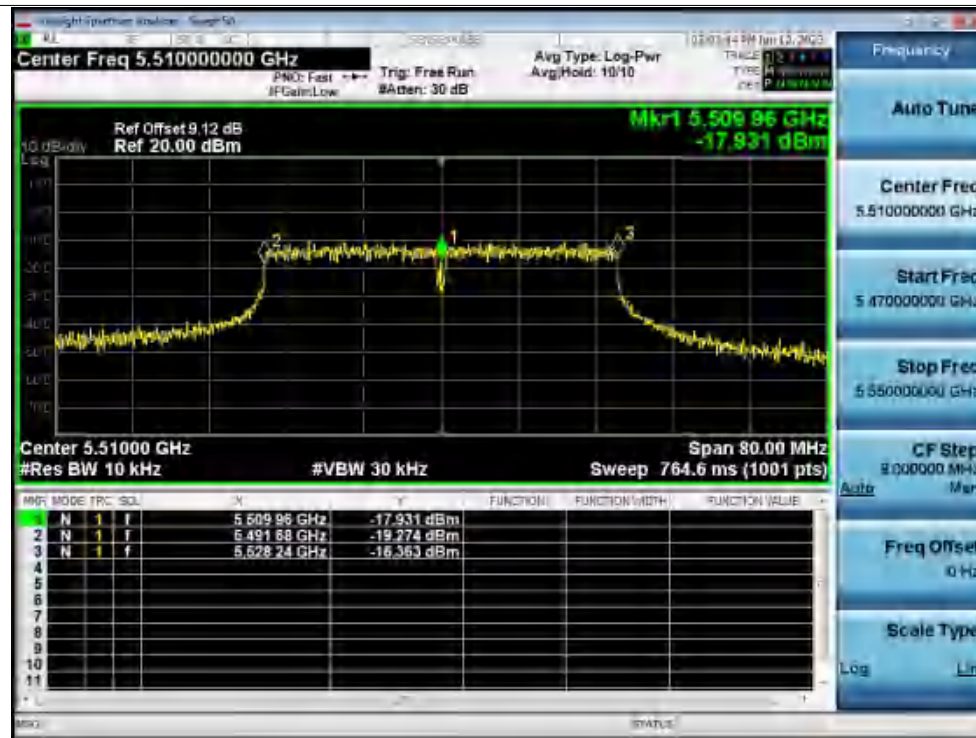
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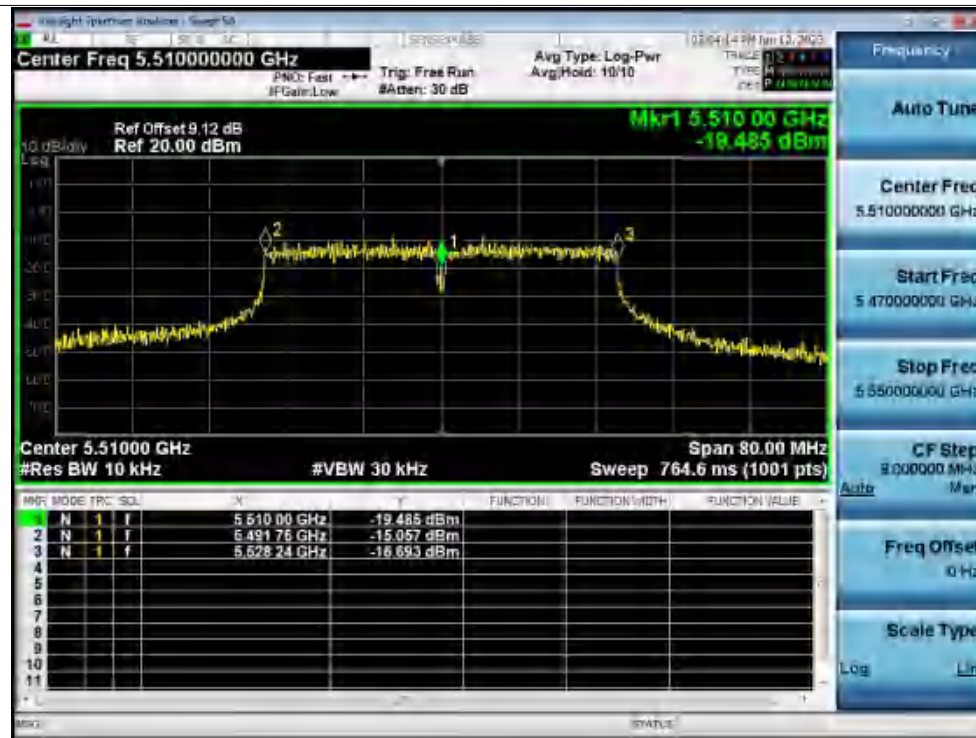
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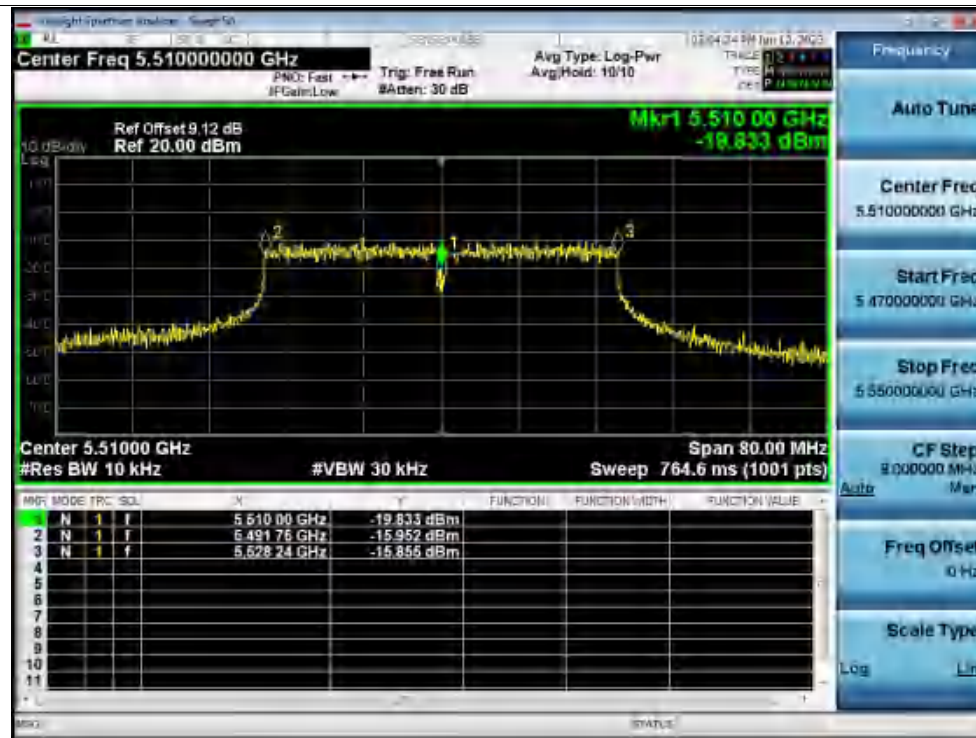
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Freq. Stability 40C 120V n40 5510MHz Ant1 0 Minutes



Freq. Stability 50C 120V n40 5510MHz Ant1 0 Minutes



Freq. Stability 20C 102V n40 5590MHz Ant1 0 Minutes



Freq. Stability 20C 120V n40 5590MHz Ant1 0 Minutes



Freq. Stability 20C 138V n40 5590MHz Ant1 0 Minutes



Freq. Stability -20C 120V n40 5590MHz Ant1 0 Minutes



Freq. Stability -10C 120V n40 5590MHz Ant1 0 Minutes



Freq. Stability 0C 120V n40 5590MHz Ant1 0 Minutes



Freq. Stability 10C 120V n40 5590MHz Ant1 0 Minutes



Freq. Stability 30C 120V n40 5590MHz Ant1 0 Minutes



Freq. Stability 40C 120V n40 5590MHz Ant1 0 Minutes



Freq. Stability 50C 120V n40 5590MHz Ant1 0 Minutes



Freq. Stability 20C 102V n40 5670MHz Ant1 0 Minutes



Freq. Stability 20C 120V n40 5670MHz Ant1 0 Minutes



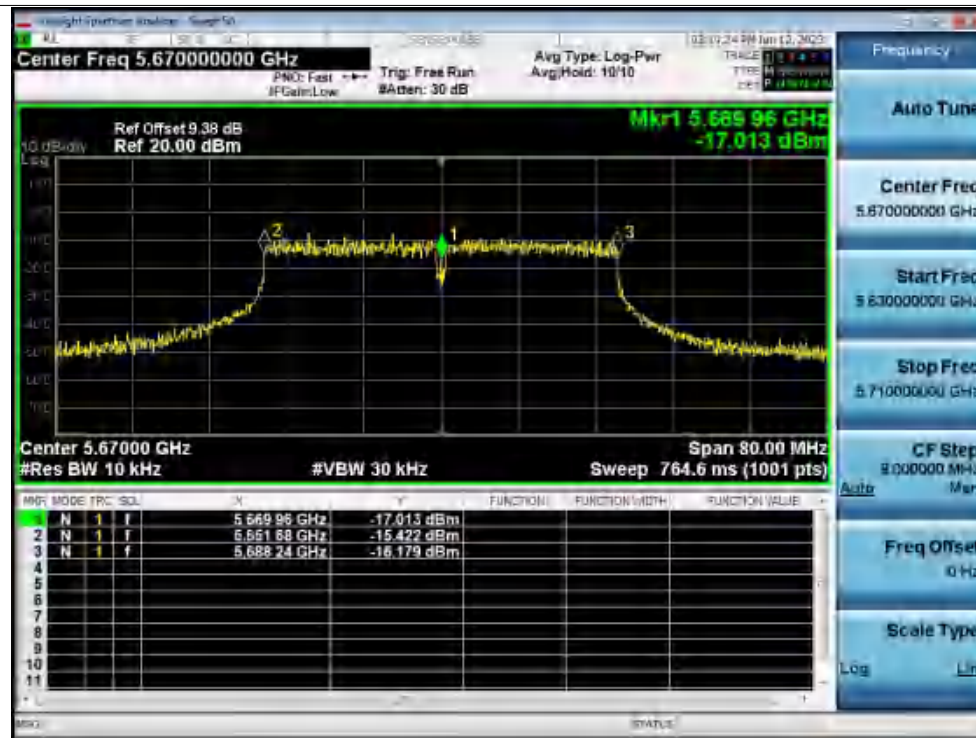
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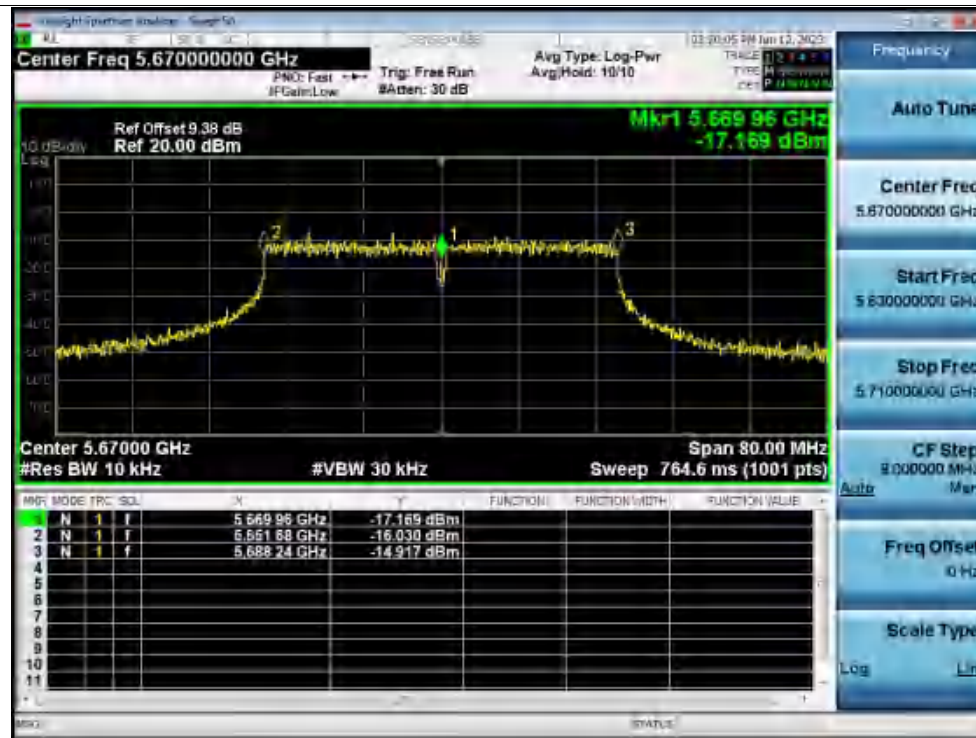
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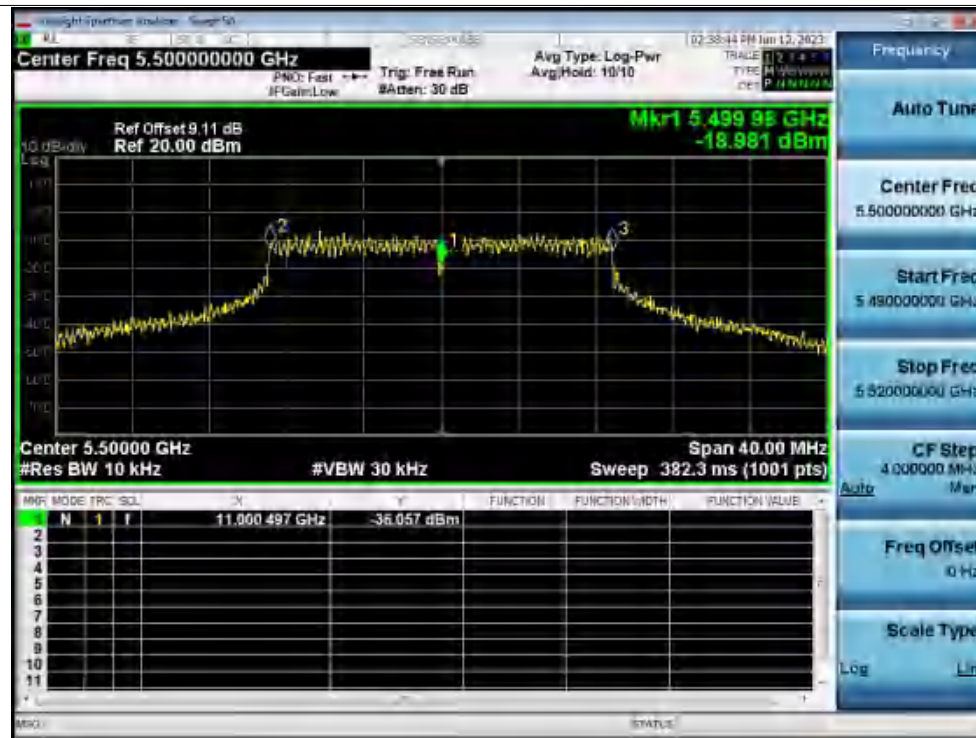
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Freq. Stability 50C 120V n40 5670MHz Ant1 0 Minutes



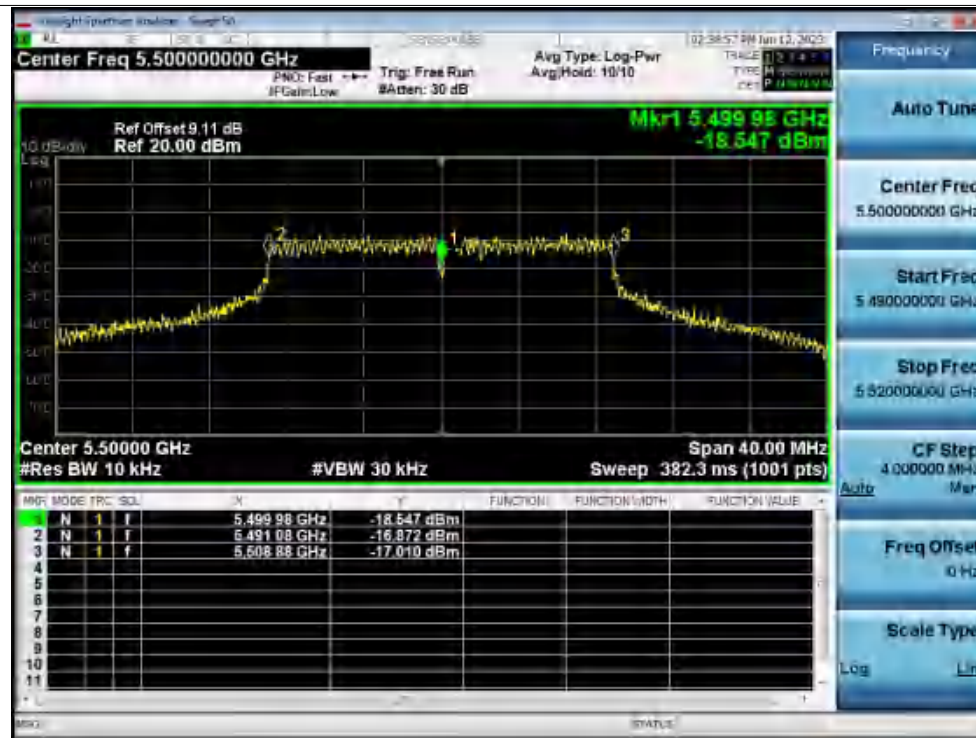
Freq. Stability 20C 102V ac20 5500MHz Ant1 0 Minutes



Freq. Stability 20C 120V ac20 5500MHz Ant1 0 Minutes



Freq. Stability 20C 138V ac20 5500MHz Ant1 0 Minutes



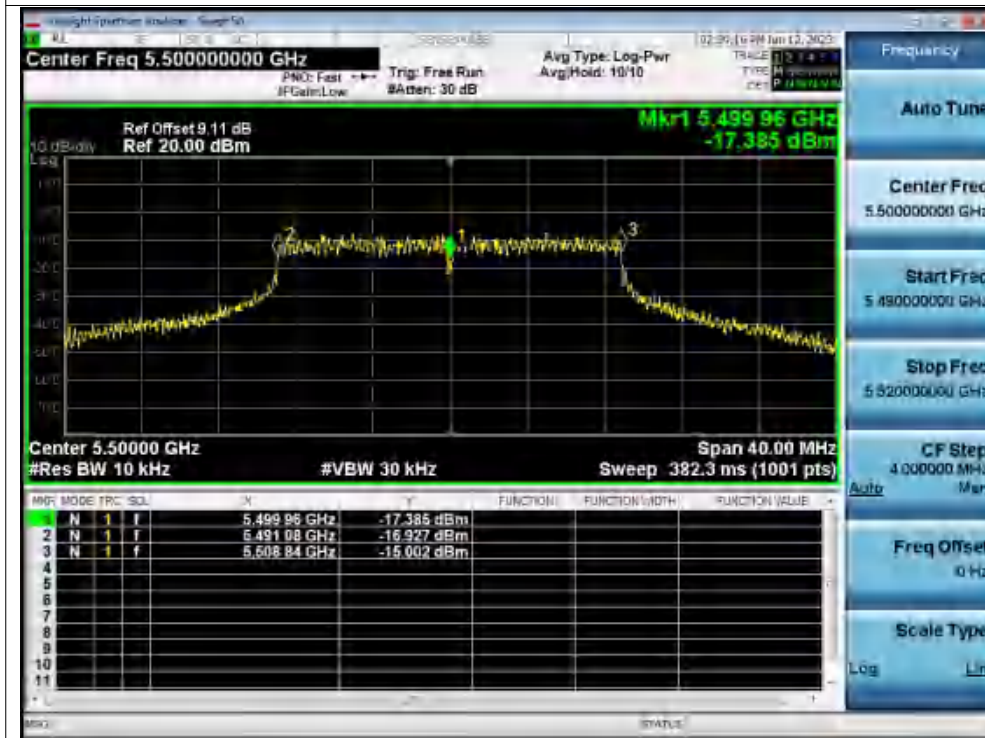
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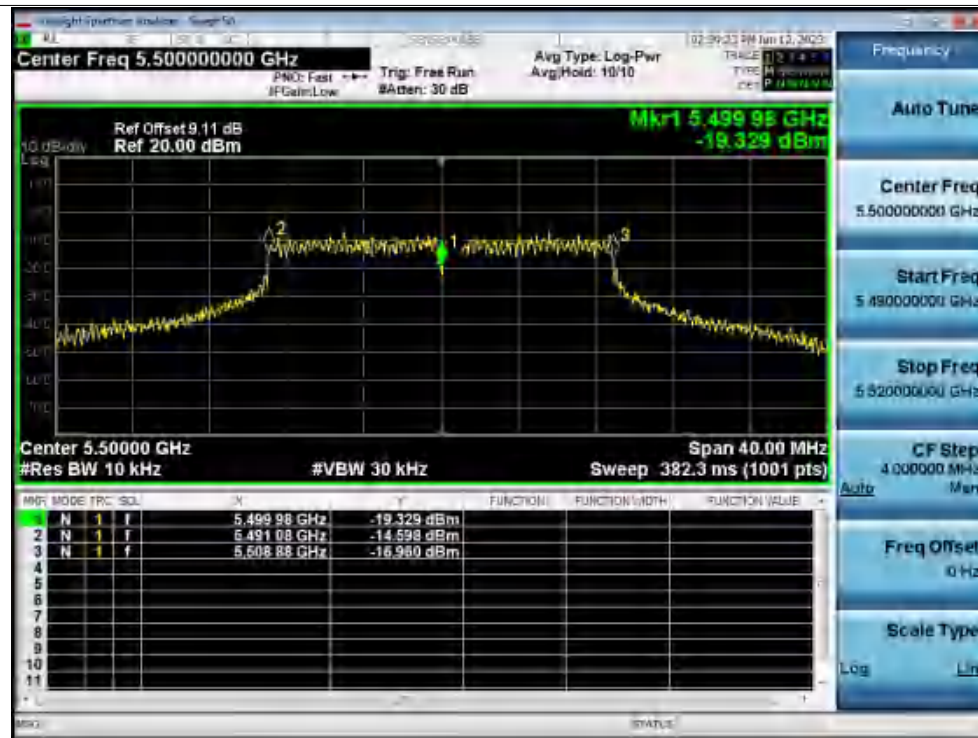
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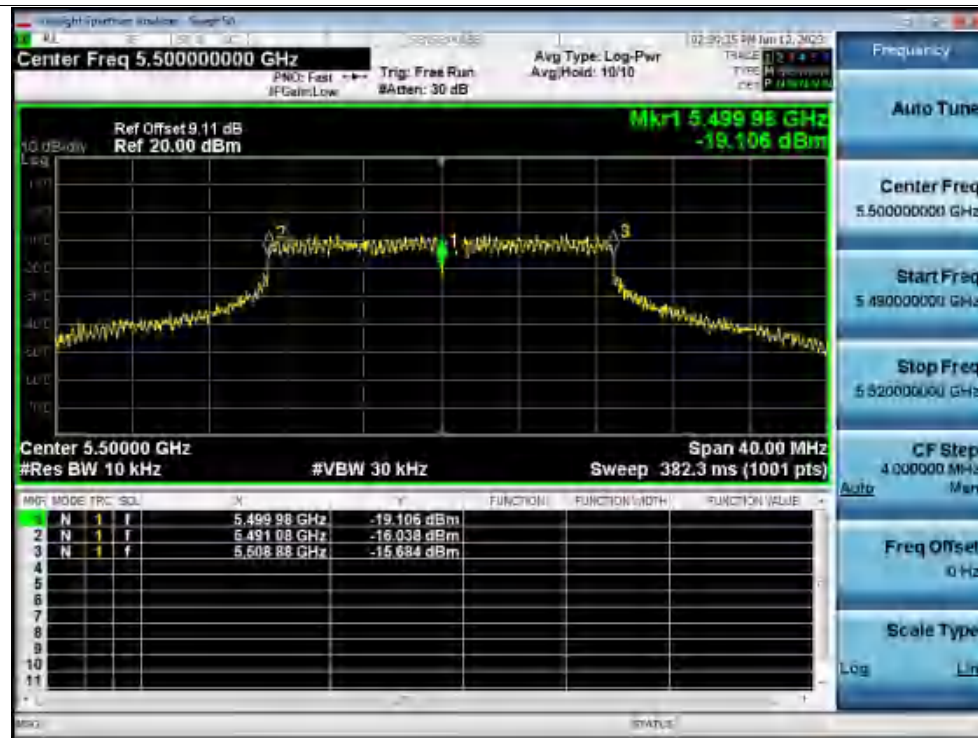
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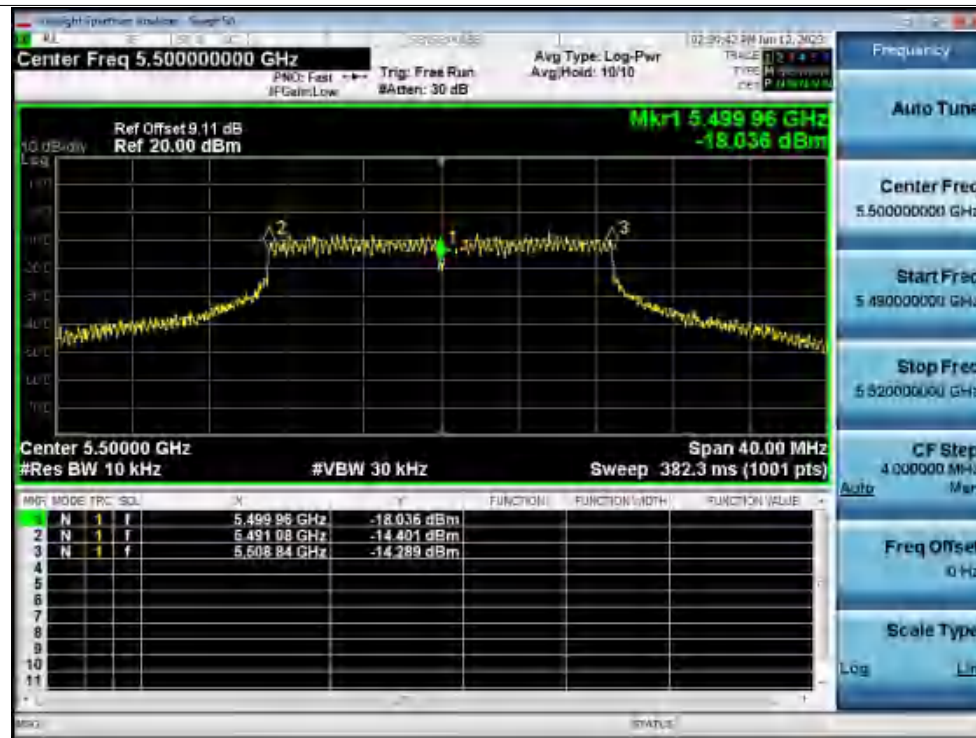
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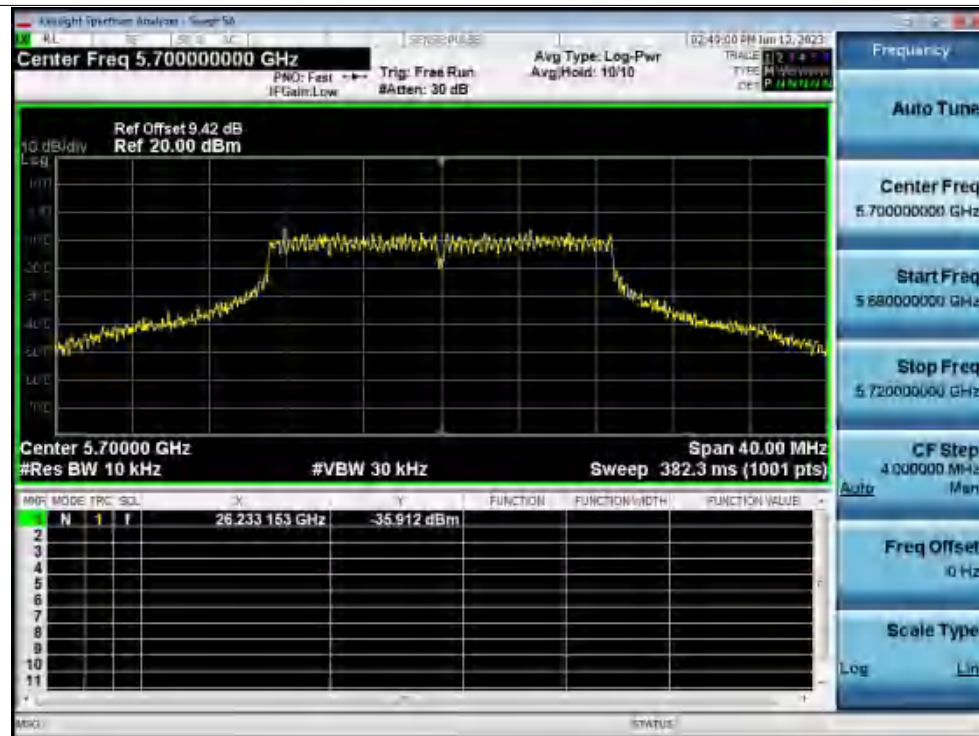
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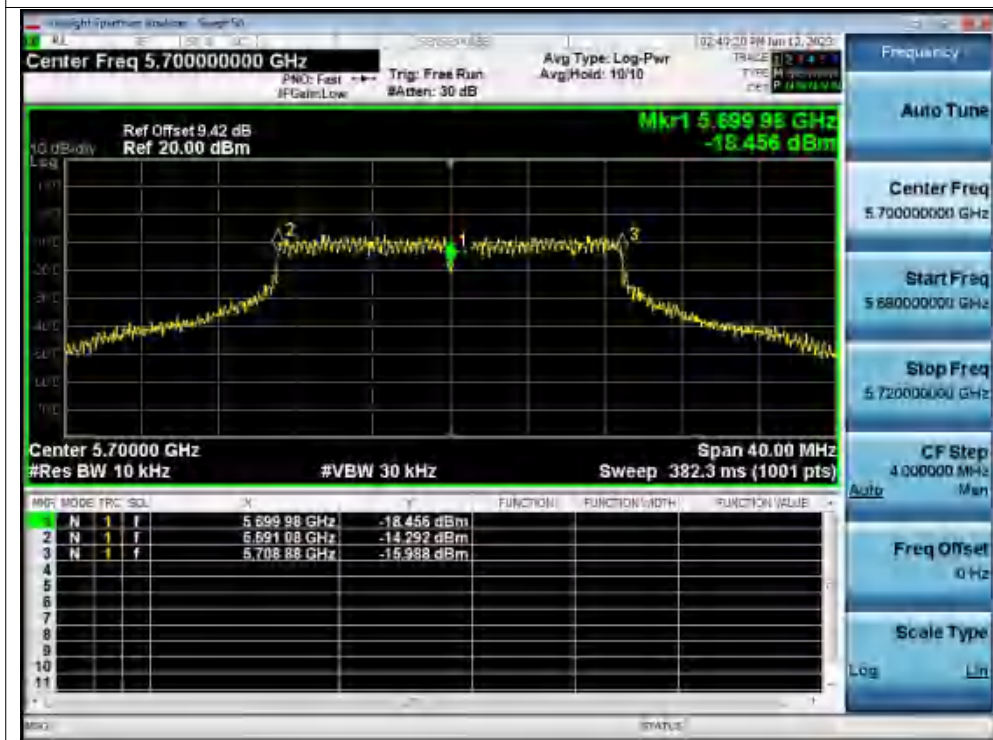
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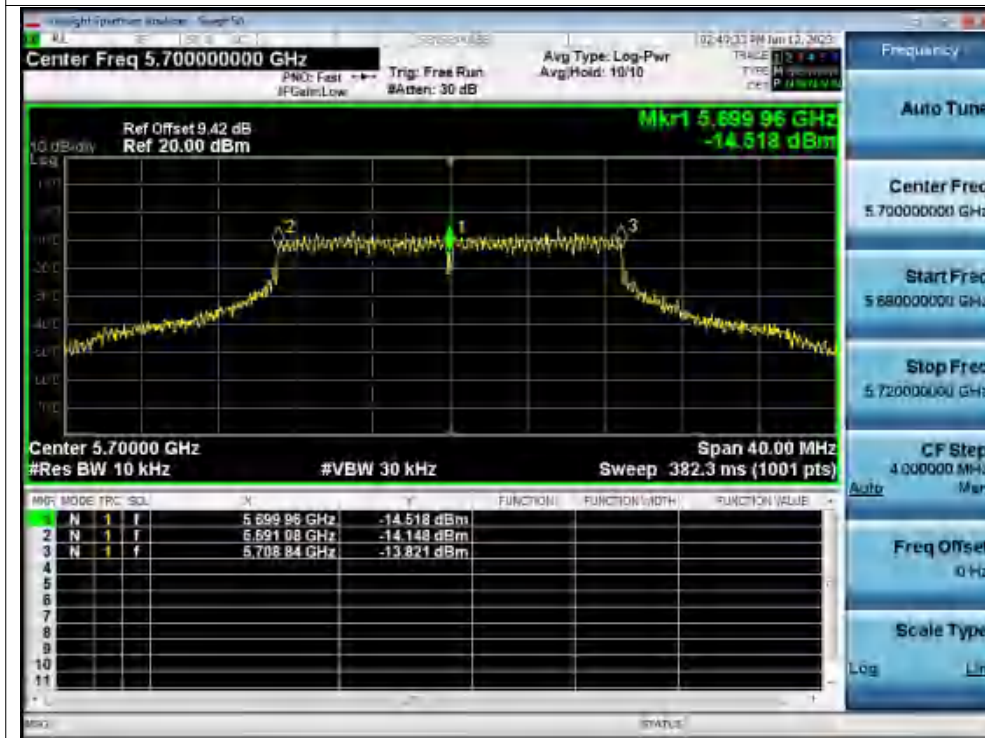
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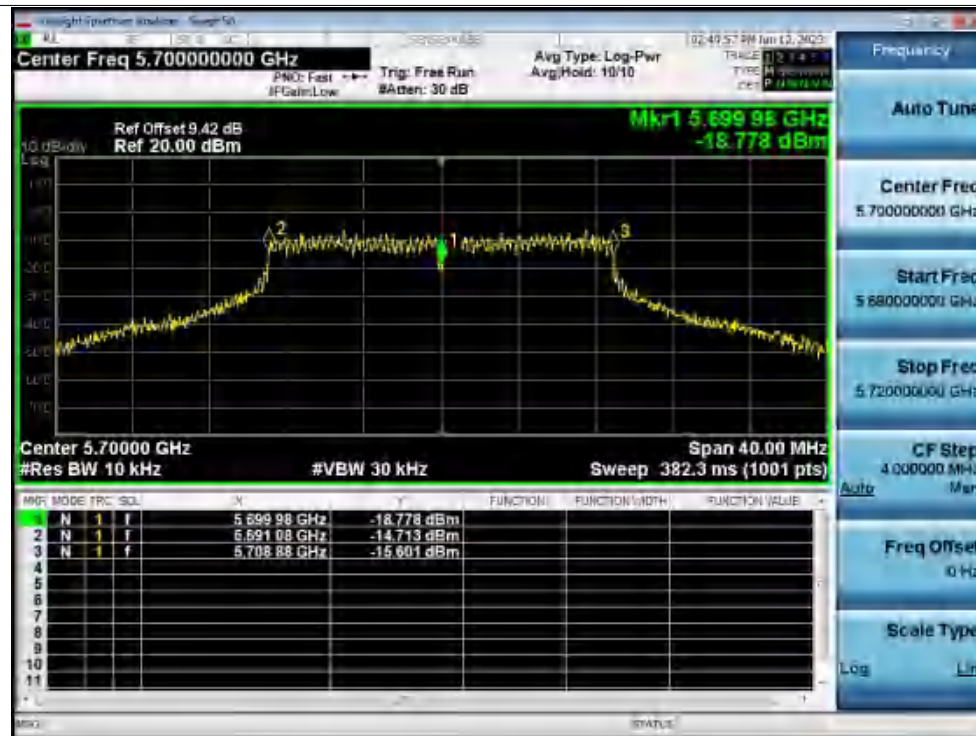
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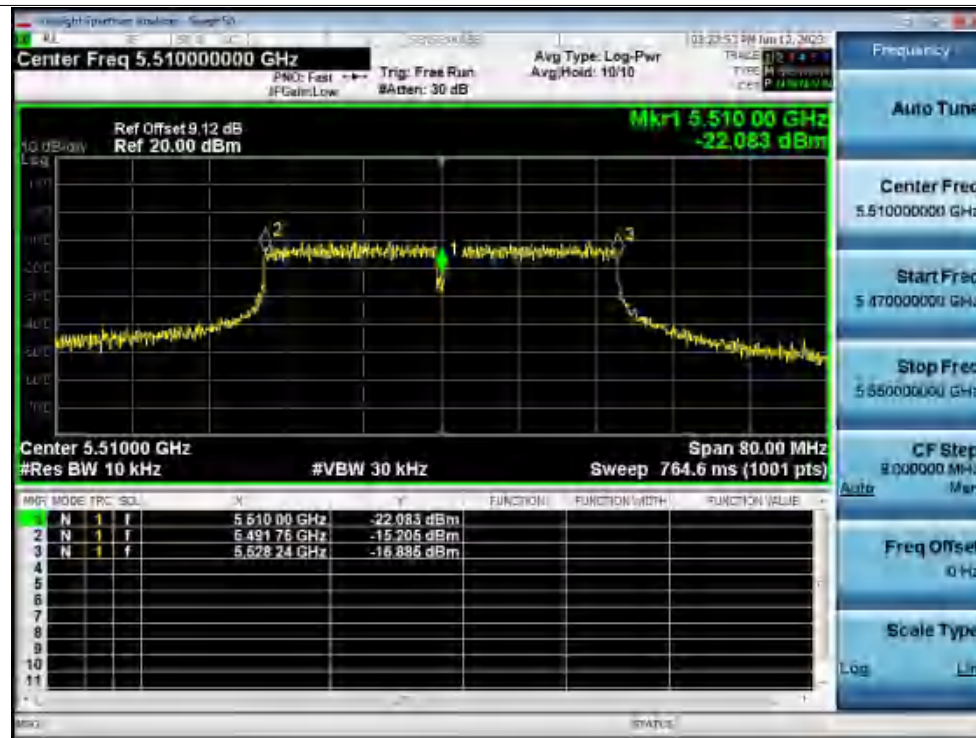
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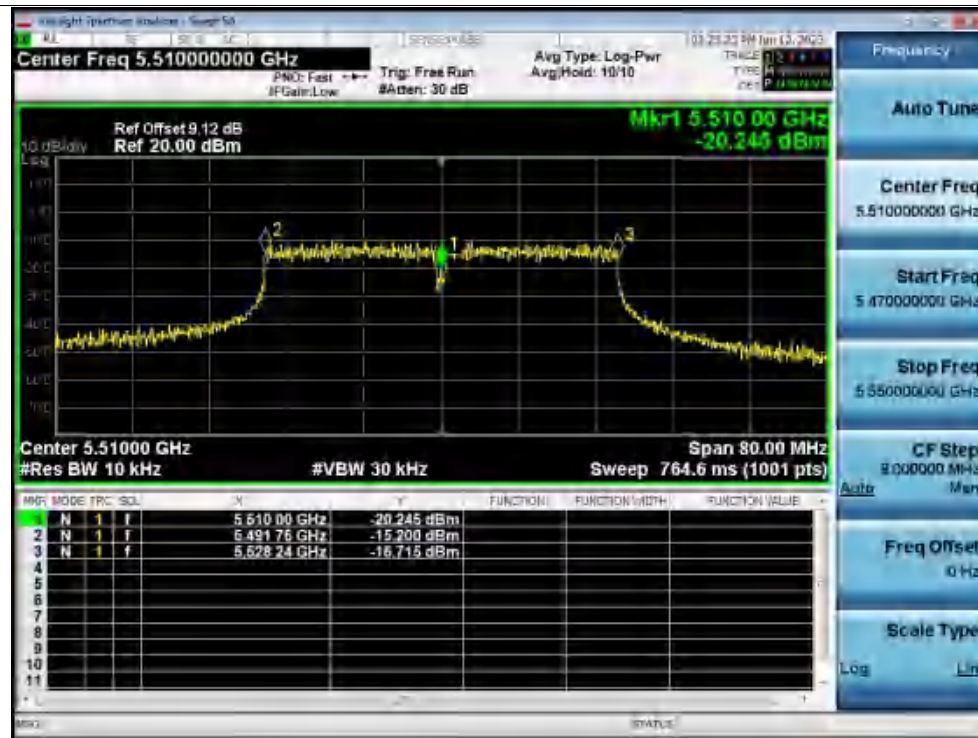
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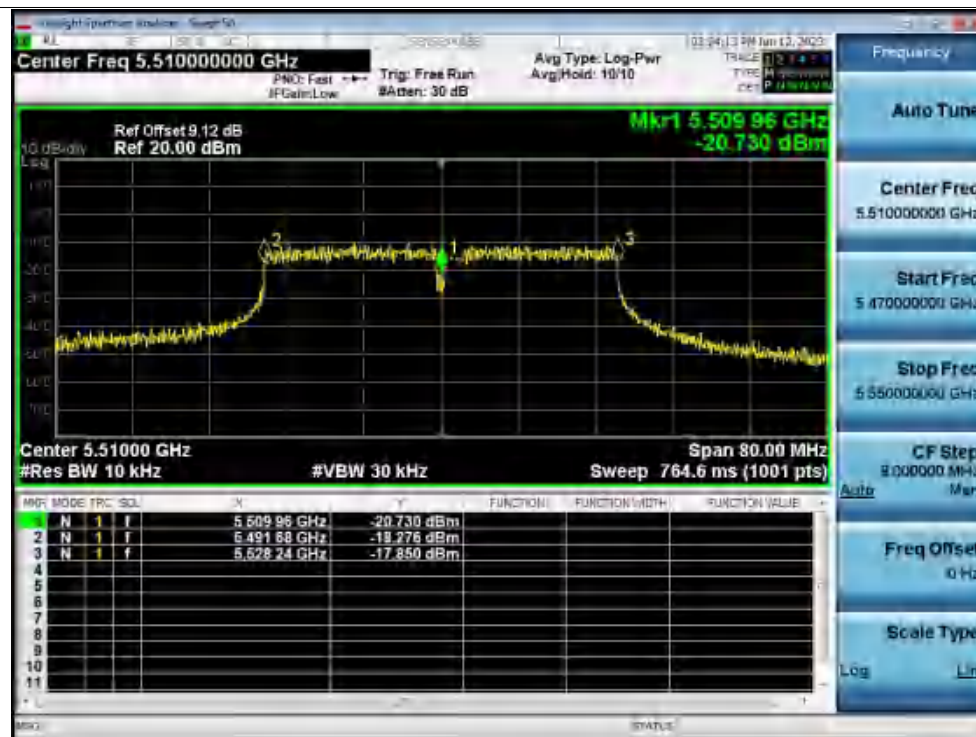
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Freq. Stability 40C 120V ac40 5510MHz Ant1 0 Minutes



Freq. Stability 50C 120V ac40 5510MHz Ant1 0 Minutes



Freq. Stability 20C 102V ac40 5590MHz Ant1 0 Minutes



Freq. Stability 20C 120V ac40 5590MHz Ant1 0 Minutes



Freq. Stability 20C 138V ac40 5590MHz Ant1 0 Minutes



Freq. Stability -20C 120V ac40 5590MHz Ant1 0 Minutes



Freq. Stability -10C 120V ac40 5590MHz Ant1 0 Minutes



Freq. Stability 0C 120V ac40 5590MHz Ant1 0 Minutes



Freq. Stability 10C 120V ac40 5590MHz Ant1 0 Minutes



Freq. Stability 30C 120V ac40 5590MHz Ant1 0 Minutes



Freq. Stability 40C 120V ac40 5590MHz Ant1 0 Minutes



Freq. Stability 50C 120V ac40 5590MHz Ant1 0 Minutes



Freq. Stability 20C 138V ac40 5670MHz Ant1 0 Minutes



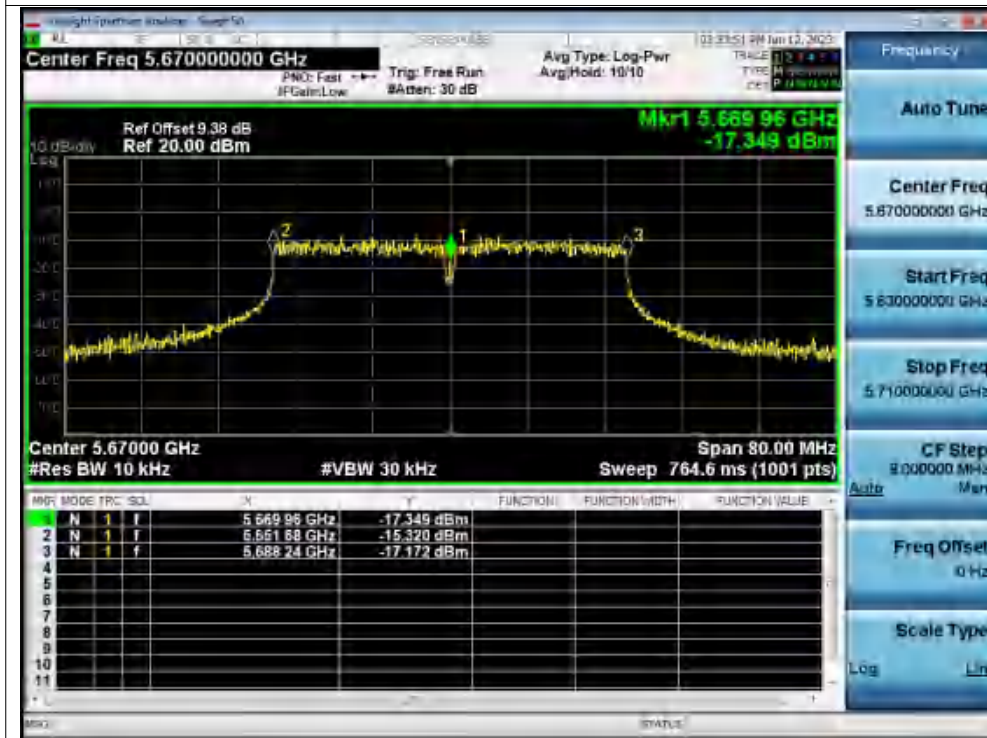
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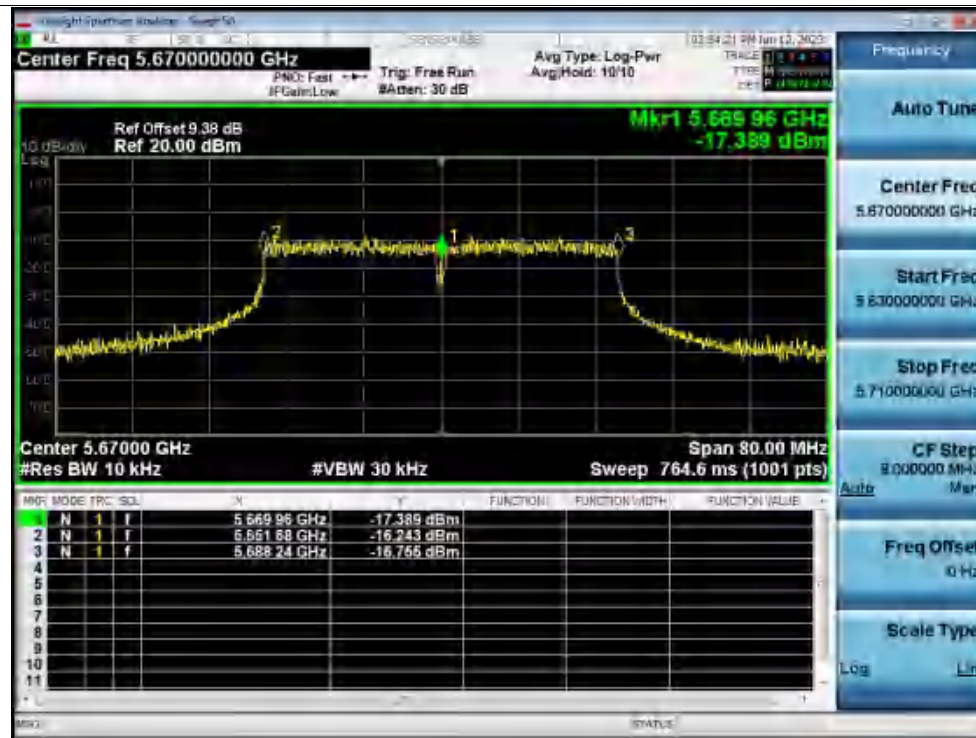
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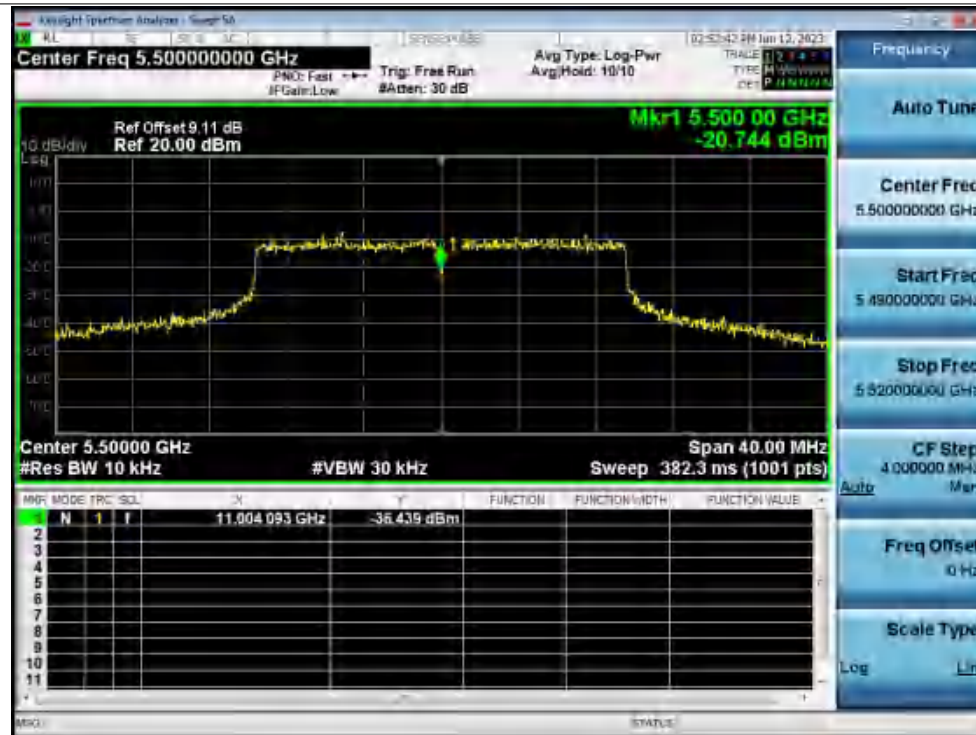
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Freq. Stability 20C 102V ax20 5500MHz Ant1 0 Minutes



Freq. Stability 20C 120V ax20 5500MHz Ant1 0 Minutes



Freq. Stability 20C 138V ax20 5500MHz Ant1 0 Minutes



Freq. Stability -20C 120V ax20 5500MHz Ant1 0 Minutes



Freq. Stability -10C 120V ax20 5500MHz Ant1 0 Minutes



Freq. Stability 0C 120V ax20 5500MHz Ant1 0 Minutes



Freq. Stability 10C 120V ax20 5500MHz Ant1 0 Minutes



Freq. Stability 30C 120V ax20 5500MHz Ant1 0 Minutes



Freq. Stability 40C 120V ax20 5500MHz Ant1 0 Minutes



Freq. Stability 50C 120V ax20 5500MHz Ant1 0 Minutes



Freq. Stability 20C 138V ax20 5700MHz Ant1 0 Minutes



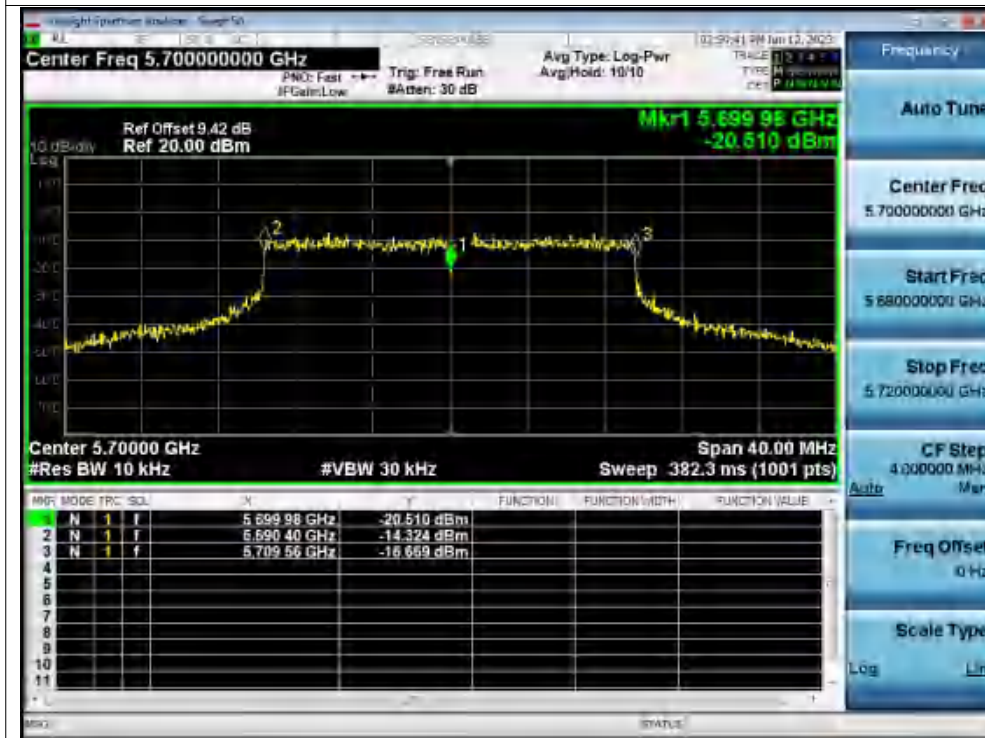
Freq. Stability -20C 120V ax20 5700MHz Ant1 0 Minutes



Freq. Stability -10C 120V ax20 5700MHz Ant1 0 Minutes



Freq. Stability 0C 120V ax20 5700MHz Ant1 0 Minutes



Freq. Stability 10C 120V ax20 5700MHz Ant1 0 Minutes



Freq. Stability 30C 120V ax20 5700MHz Ant1 0 Minutes



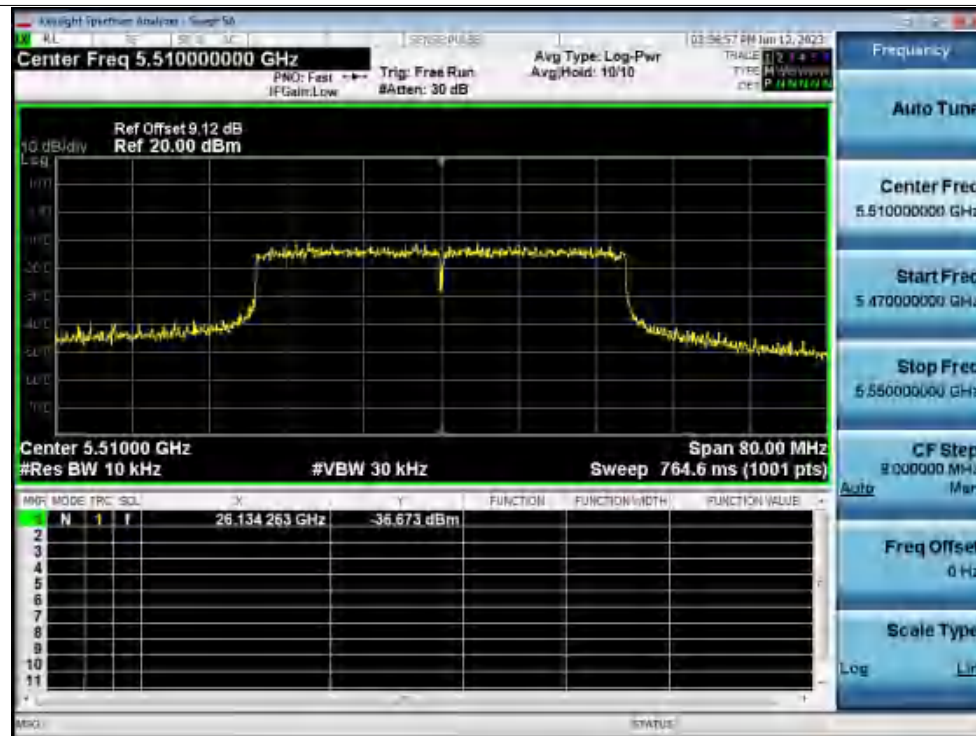
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Freq. Stability 20C 102V ax40 5510MHz Ant1 0 Minutes



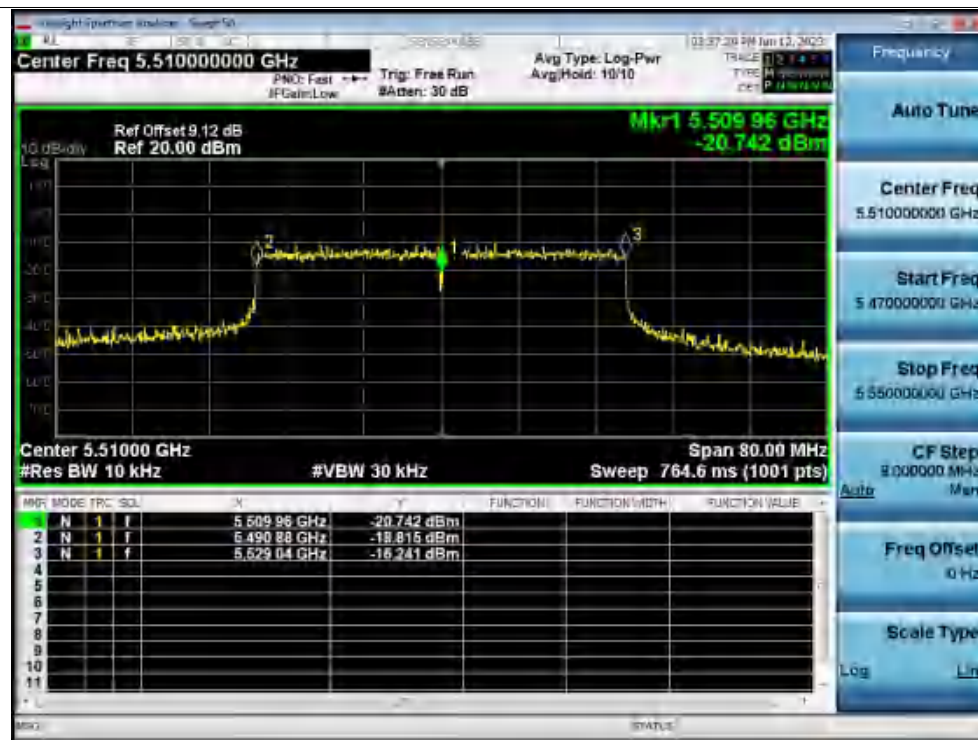
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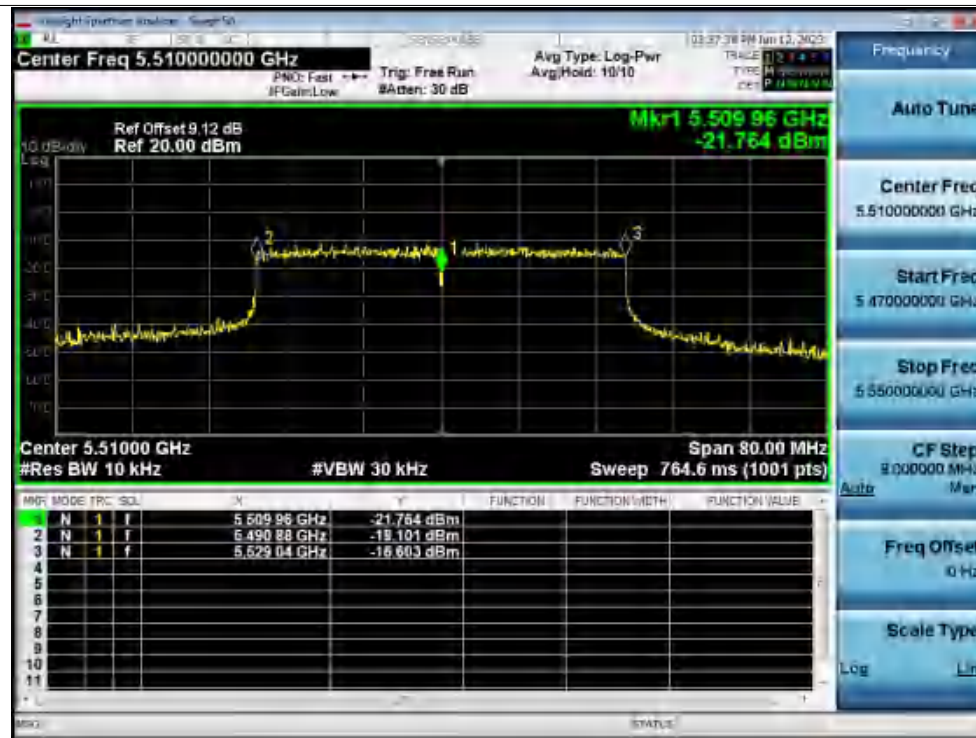
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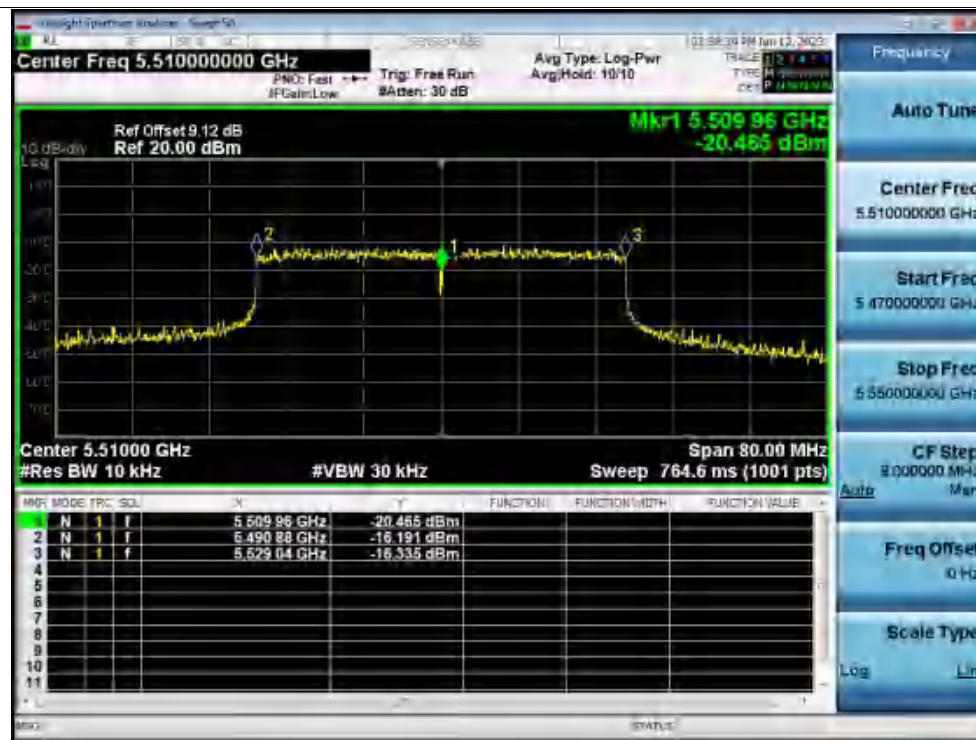
Freq. Stability 30C 120V ax40 5510MHz Ant1 0 Minutes



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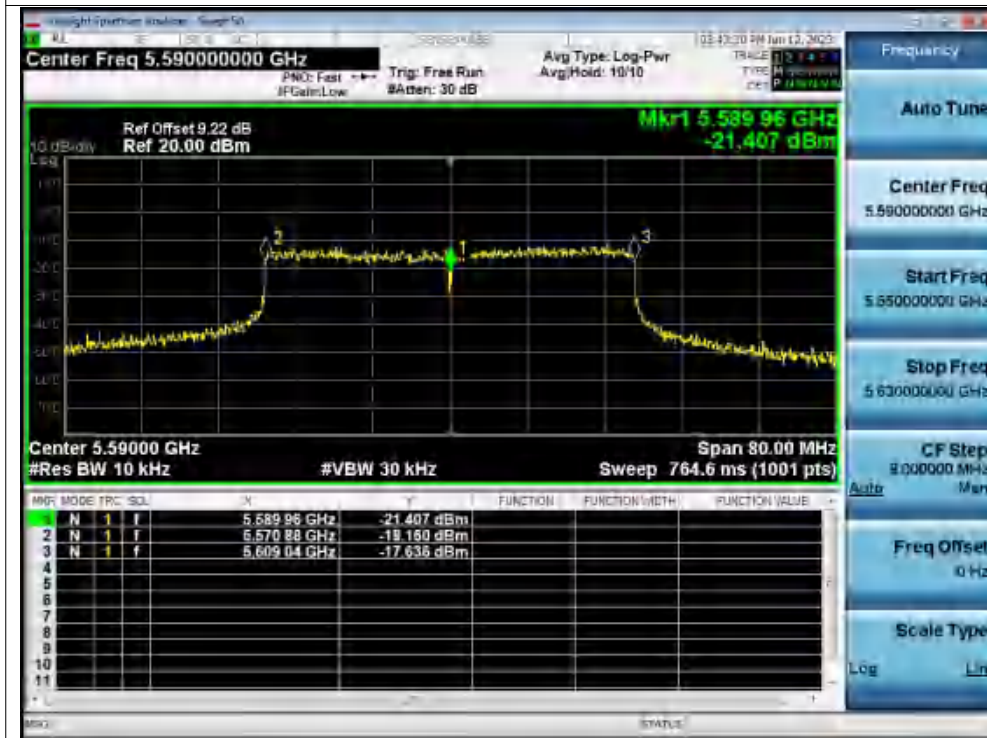
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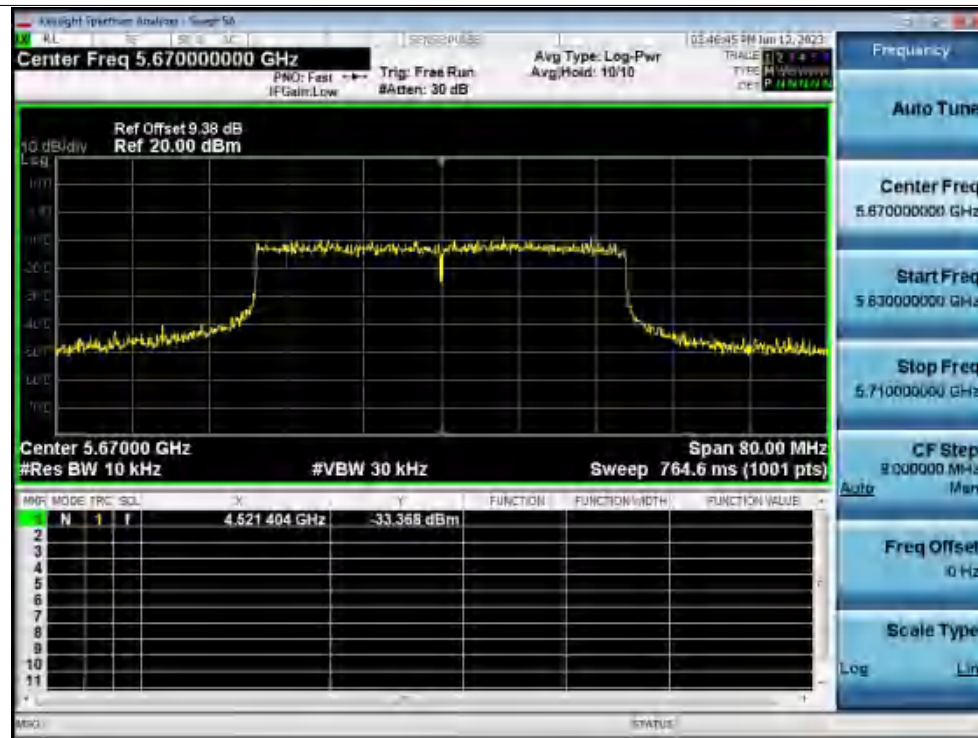
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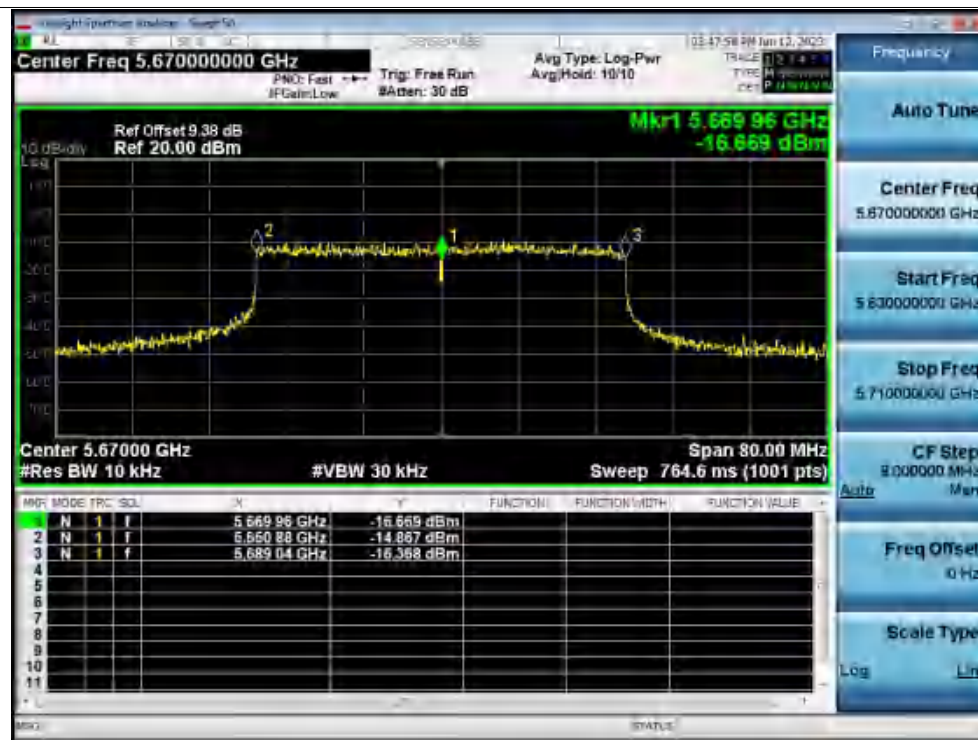
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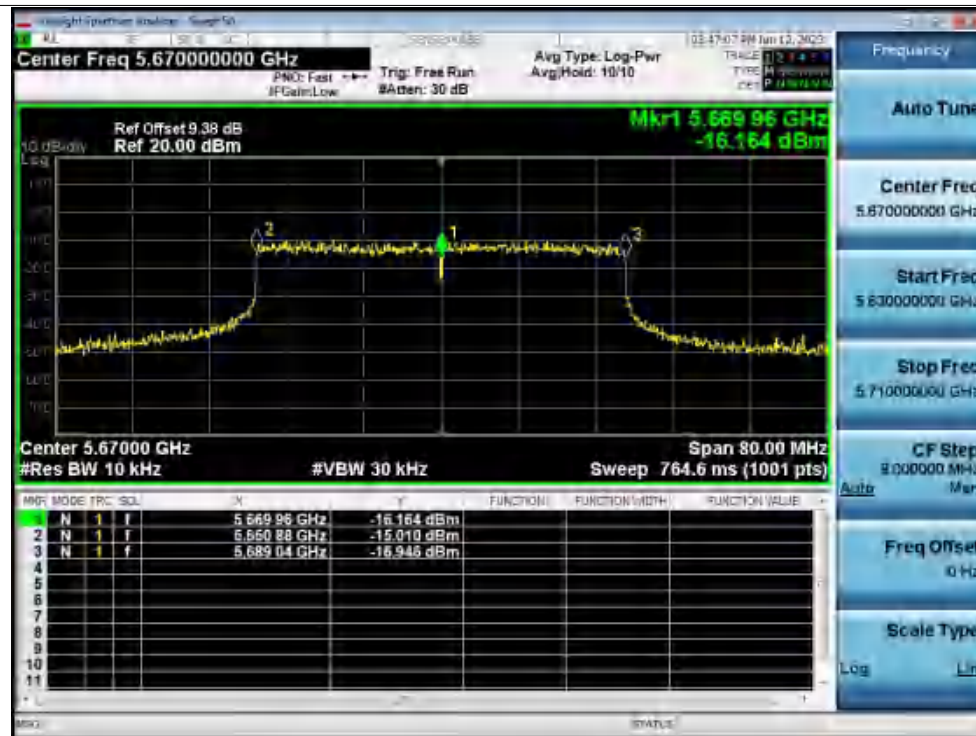
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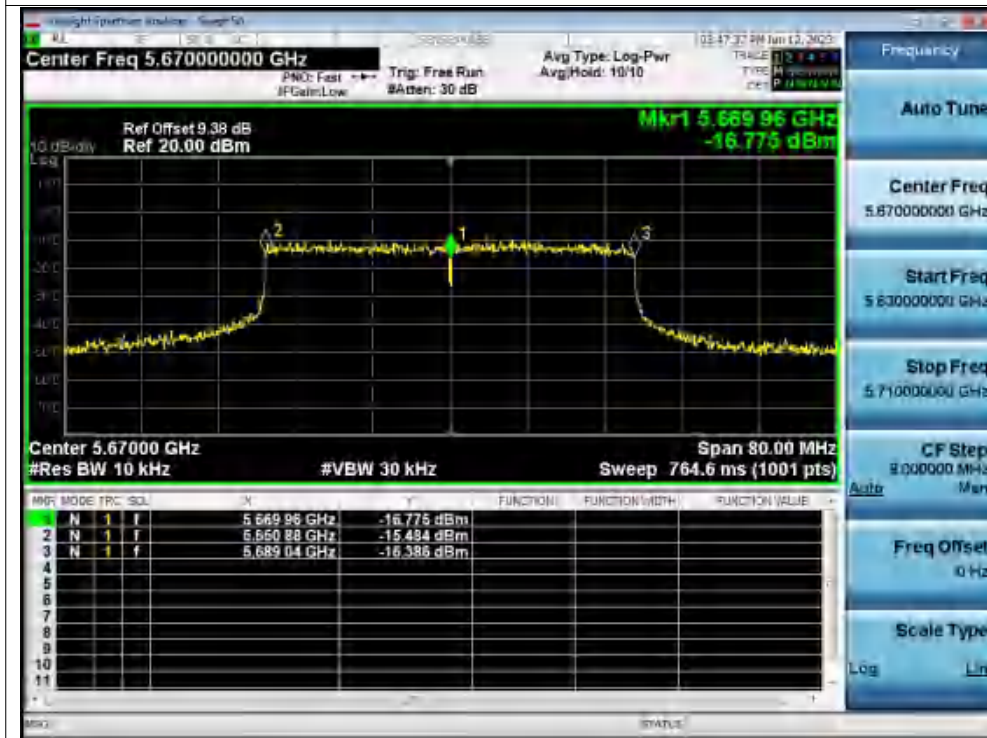
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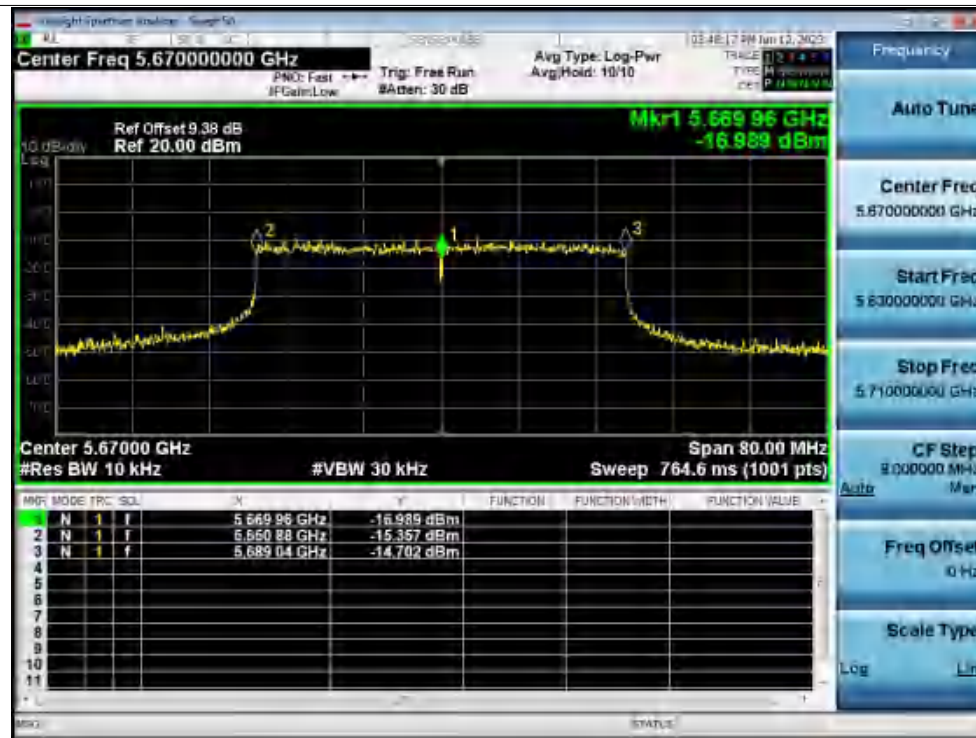
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Freq. Stability 40C 120V ax40 5670MHz Ant1 0 Minutes



Freq. Stability 50C 120V ax40 5670MHz Ant1 0 Minutes

