

Appendix D4

7.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.02	0	0.49
NVNT	a	5785	Ant1	92.03	0.36	0.49
NVNT	a	5825	Ant1	96.76	0.14	0.49
NVNT	n20	5745	Ant1	93.11	0.31	0.53
NVNT	n20	5785	Ant1	95.65	0.19	0.53
NVNT	n20	5825	Ant1	93.34	0.3	0.53
NVNT	n40	5755	Ant1	99.78	0	1.1
NVNT	n40	5795	Ant1	83.92	0.76	1.07
NVNT	ac20	5745	Ant1	90.57	0.43	0.53
NVNT	ac20	5785	Ant1	91.53	0.38	0.53
NVNT	ac20	5825	Ant1	96.99	0.13	0.53
NVNT	ac40	5755	Ant1	84.19	0.75	1.07
NVNT	ac40	5795	Ant1	90.01	0.46	1.07
NVNT	ax20	5745	Ant1	90.2	0.45	0.69
NVNT	ax20	5785	Ant1	95.54	0.2	0.69
NVNT	ax20	5825	Ant1	89.48	0.48	0.69
NVNT	ax40	5755	Ant1	83.5	0.78	1.34
NVNT	ax40	5795	Ant1	79.18	1.01	1.34

7.2 6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.291	0.5	Pass
NVNT	a	5785	Ant1	16.318	0.5	Pass
NVNT	a	5825	Ant1	16.088	0.5	Pass
NVNT	n20	5745	Ant1	17.567	0.5	Pass
NVNT	n20	5785	Ant1	17.591	0.5	Pass
NVNT	n20	5825	Ant1	16.645	0.5	Pass
NVNT	n40	5755	Ant1	35.686	0.5	Pass
NVNT	n40	5795	Ant1	35.455	0.5	Pass
NVNT	ac20	5745	Ant1	17.569	0.5	Pass
NVNT	ac20	5785	Ant1	16.662	0.5	Pass
NVNT	ac20	5825	Ant1	17.589	0.5	Pass
NVNT	ac40	5755	Ant1	35.713	0.5	Pass
NVNT	ac40	5795	Ant1	35.135	0.5	Pass
NVNT	ax20	5745	Ant1	18.848	0.5	Pass
NVNT	ax20	5785	Ant1	18.768	0.5	Pass
NVNT	ax20	5825	Ant1	18.943	0.5	Pass
NVNT	ax40	5755	Ant1	36.517	0.5	Pass
NVNT	ax40	5795	Ant1	36.42	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant1



-6dB Bandwidth NVNT n20 5785MHz Ant1



-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



-6dB Bandwidth NVNT ac20 5745MHz Ant1



-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ax20 5745MHz Ant1



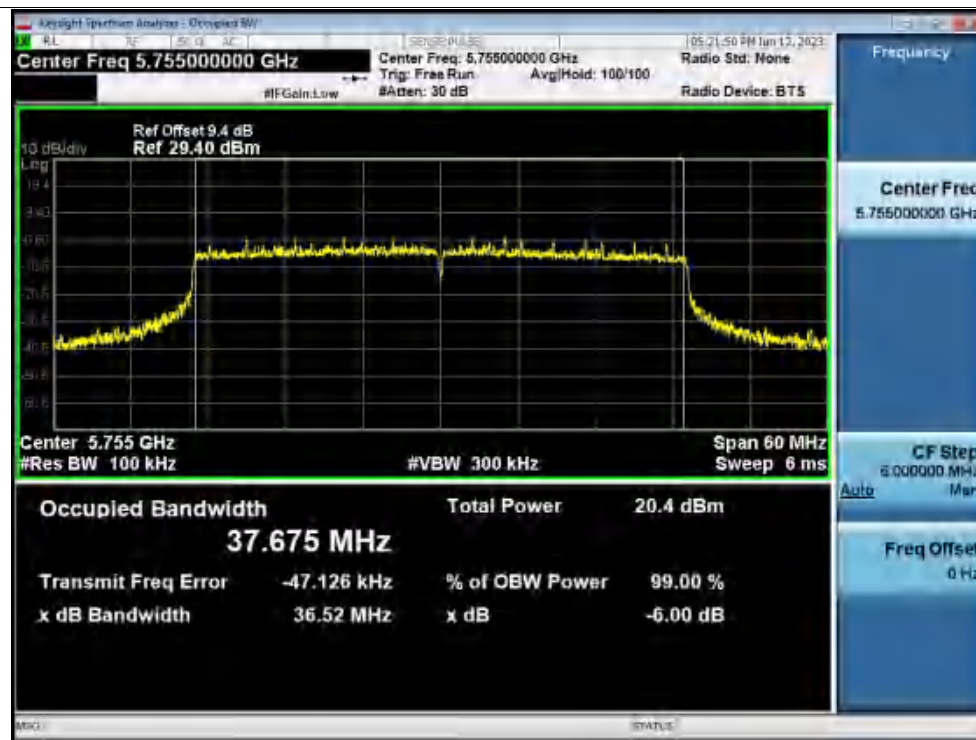
-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.678
NVNT	a	5785	Ant1	16.703
NVNT	a	5825	Ant1	16.676
NVNT	n20	5745	Ant1	17.957
NVNT	n20	5785	Ant1	17.922
NVNT	n20	5825	Ant1	17.976
NVNT	n40	5755	Ant1	36.38
NVNT	n40	5795	Ant1	36.329
NVNT	ac20	5745	Ant1	17.98
NVNT	ac20	5785	Ant1	18.053
NVNT	ac20	5825	Ant1	18.01
NVNT	ac40	5755	Ant1	36.387
NVNT	ac40	5795	Ant1	36.311
NVNT	ax20	5745	Ant1	19.148
NVNT	ax20	5785	Ant1	19.094
NVNT	ax20	5825	Ant1	19.093
NVNT	ax40	5755	Ant1	37.873
NVNT	ax40	5795	Ant1	37.879

Test Graphs

OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1



OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5785MHz Ant1



OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ax20 5745MHz Ant1



OBW NVNT ax20 5785MHz Ant1



OBW NVNT ax20 5825MHz Ant1



OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz 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	5745	Ant1	14.25	0	14.25	30	19.09	<=30	Pass
NVNT	a	5785	Ant1	13.33	0.36	13.69	30	18.53	<=30	Pass
NVNT	a	5825	Ant1	12.85	0.14	12.99	30	17.83	<=30	Pass
NVNT	n20	5745	Ant1	14.44	0.31	14.75	30	19.59	<=30	Pass
NVNT	n20	5785	Ant1	13.43	0.19	13.62	30	18.46	<=30	Pass
NVNT	n20	5825	Ant1	12.79	0.3	13.09	30	17.93	<=30	Pass
NVNT	n40	5755	Ant1	13.63	0	13.63	30	18.47	<=30	Pass
NVNT	n40	5795	Ant1	12.97	0.76	13.73	30	18.57	<=30	Pass
NVNT	ac20	5745	Ant1	14.25	0.43	14.68	30	19.52	<=30	Pass
NVNT	ac20	5785	Ant1	13.41	0.38	13.79	30	18.63	<=30	Pass
NVNT	ac20	5825	Ant1	12.8	0.13	12.93	30	17.77	<=30	Pass
NVNT	ac40	5755	Ant1	13.78	0.75	14.53	30	19.37	<=30	Pass
NVNT	ac40	5795	Ant1	13.13	0.46	13.59	30	18.43	<=30	Pass
NVNT	ax20	5745	Ant1	14.39	0.45	14.84	30	19.68	<=30	Pass
NVNT	ax20	5785	Ant1	13.43	0.2	13.63	30	18.47	<=30	Pass
NVNT	ax20	5825	Ant1	12.8	0.48	13.28	30	18.12	<=30	Pass
NVNT	ax40	5755	Ant1	13.64	0.78	14.42	30	19.26	<=30	Pass
NVNT	ax40	5795	Ant1	13.1	1.01	14.11	30	18.95	<=30	Pass
Note1: Antenna Gain: 4.84dBi;										
Note2: E.I.R.P = Measured Power + Antenna Gain										

Test Graphs

Power NVNT a 5745MHz Ant1



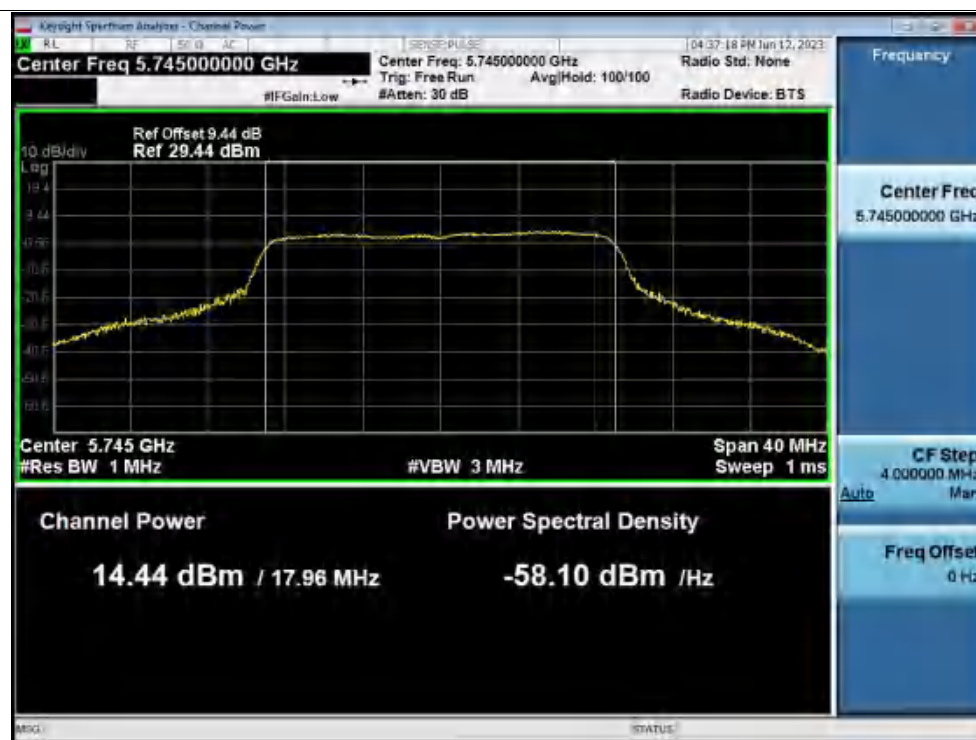
Power NVNT a 5785MHz Ant1



Power NVNT a 5825MHz Ant1



Power NVNT n20 5745MHz Ant1



Power NVNT n20 5785MHz Ant1



Power NVNT n20 5825MHz Ant1



Power NVNT n40 5755MHz Ant1



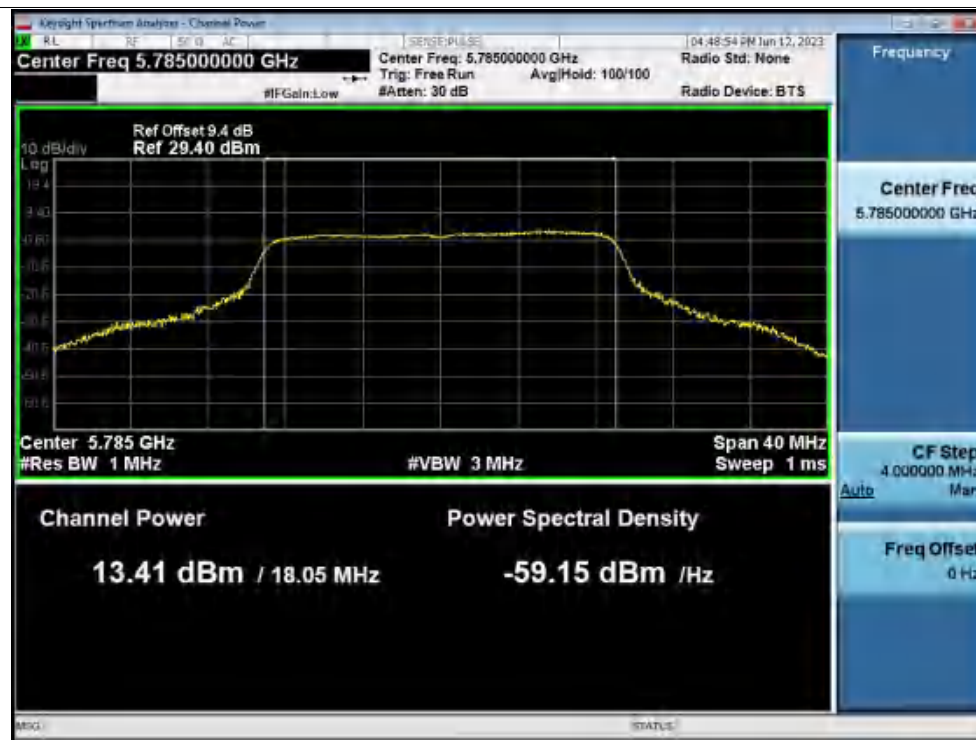
Power NVNT n40 5795MHz Ant1



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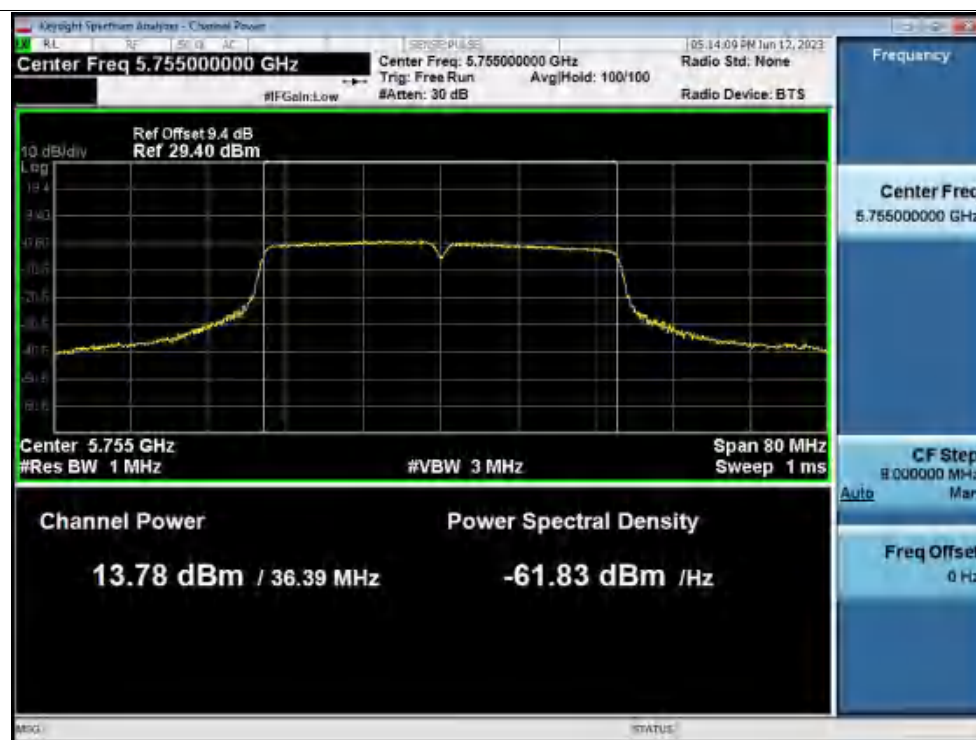
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Power NVNT ac20 5825MHz Ant1



Power NVNT ac40 5755MHz Ant1



Power NVNT ac40 5795MHz Ant1



Power NVNT ax20 5745MHz Ant1



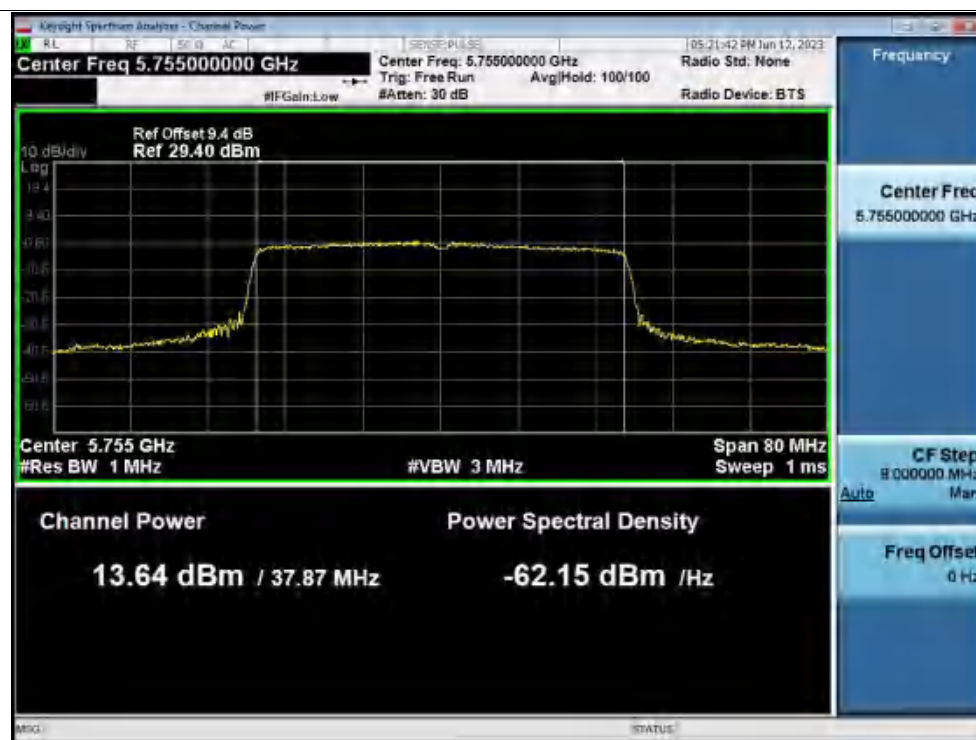
Power NVNT ax20 5785MHz Ant1



Power NVNT ax20 5825MHz Ant1



Power NVNT ax40 5755MHz Ant1



Power NVNT ax40 5795MHz Ant1

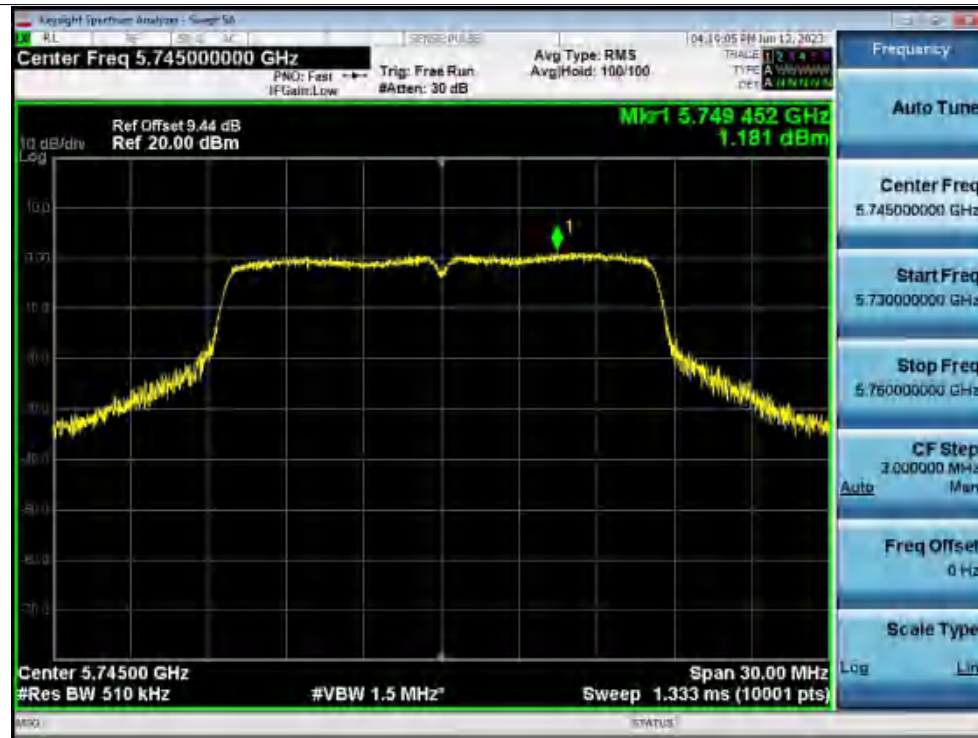


7.4 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	1.18	0	1.18	30	Pass
NVNT	a	5785	Ant1	0.87	0.36	1.23	30	Pass
NVNT	a	5825	Ant1	-0.05	0.14	0.09	30	Pass
NVNT	n20	5745	Ant1	1.46	0.31	1.77	30	Pass
NVNT	n20	5785	Ant1	0.47	0.19	0.66	30	Pass
NVNT	n20	5825	Ant1	-0.3	0.3	0	30	Pass
NVNT	n40	5755	Ant1	-2.68	0	-2.68	30	Pass
NVNT	n40	5795	Ant1	-3.09	0.76	-2.33	30	Pass
NVNT	ac20	5745	Ant1	1.24	0.43	1.67	30	Pass
NVNT	ac20	5785	Ant1	0.37	0.38	0.75	30	Pass
NVNT	ac20	5825	Ant1	-0.68	0.13	-0.55	30	Pass
NVNT	ac40	5755	Ant1	-2.84	0.75	-2.09	30	Pass
NVNT	ac40	5795	Ant1	-3.11	0.46	-2.65	30	Pass
NVNT	ax20	5745	Ant1	0.93	0.45	1.38	30	Pass
NVNT	ax20	5785	Ant1	-0.01	0.2	0.19	30	Pass
NVNT	ax20	5825	Ant1	-0.85	0.48	-0.37	30	Pass
NVNT	ax40	5755	Ant1	-2.63	0.78	-1.85	30	Pass
NVNT	ax40	5795	Ant1	-3.56	1.01	-2.55	30	Pass

Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



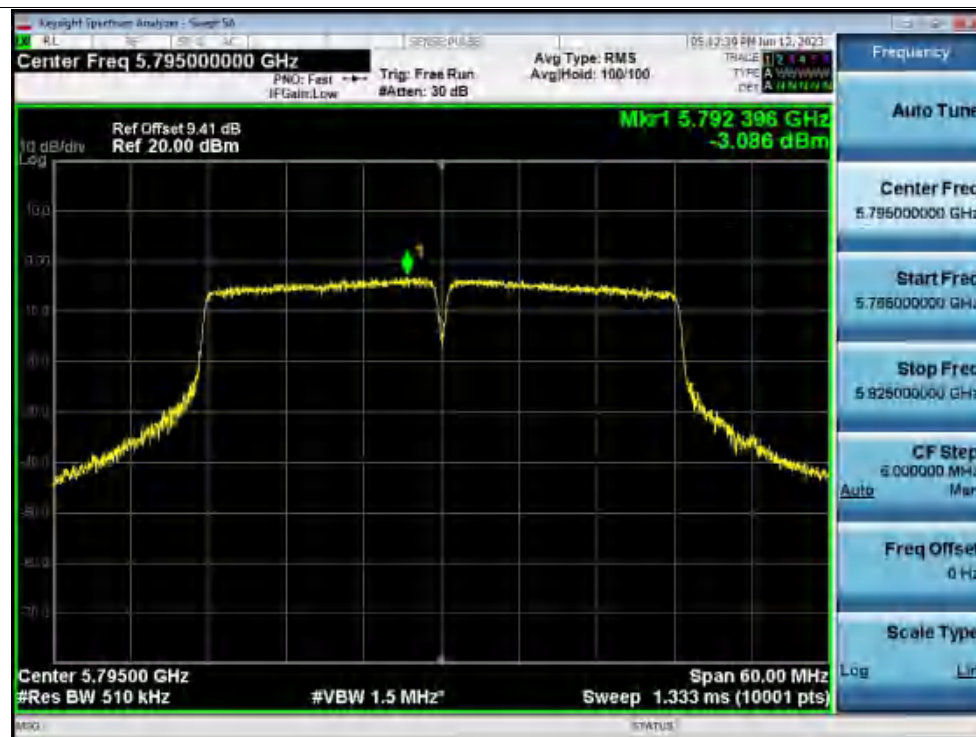
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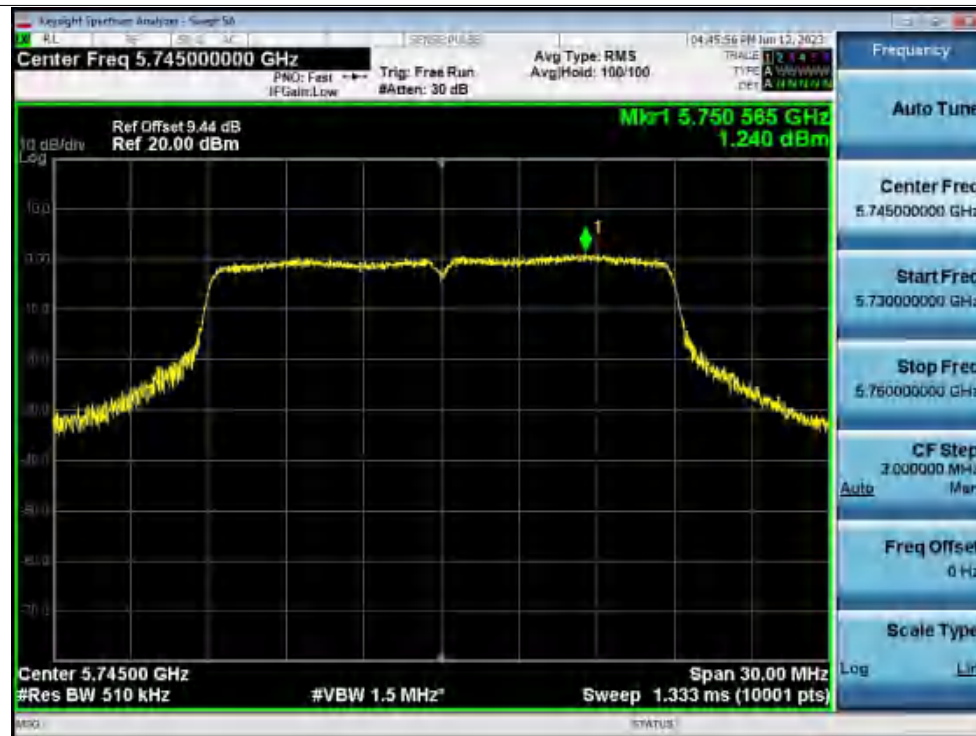
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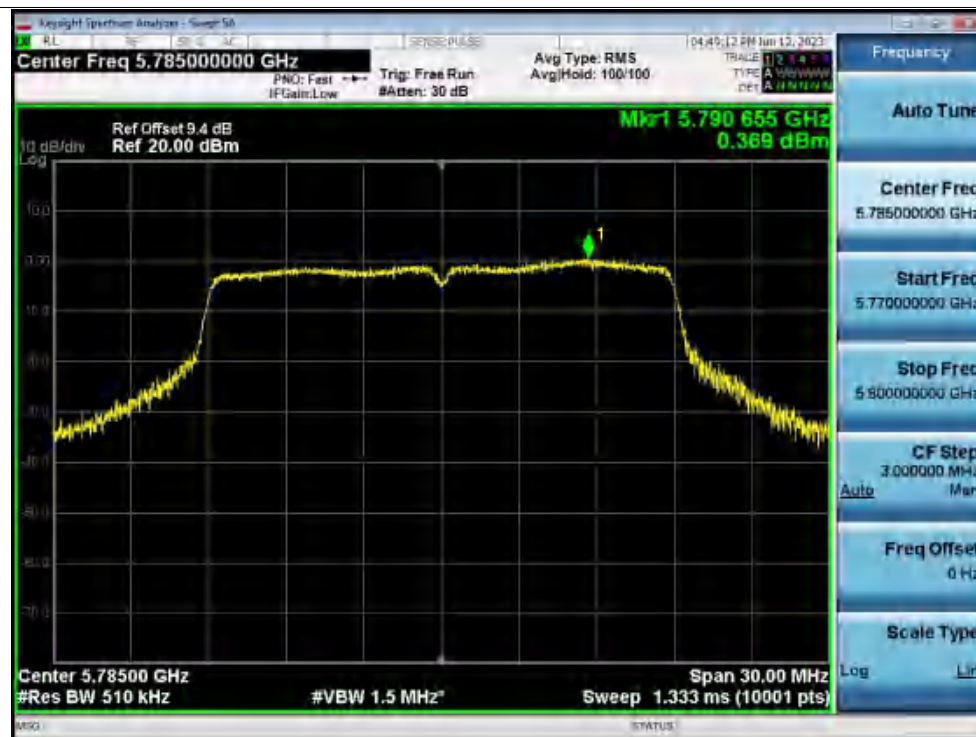
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PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



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PSD NVNT ac40 5795MHz Ant1



PSD NVNT ax20 5745MHz Ant1



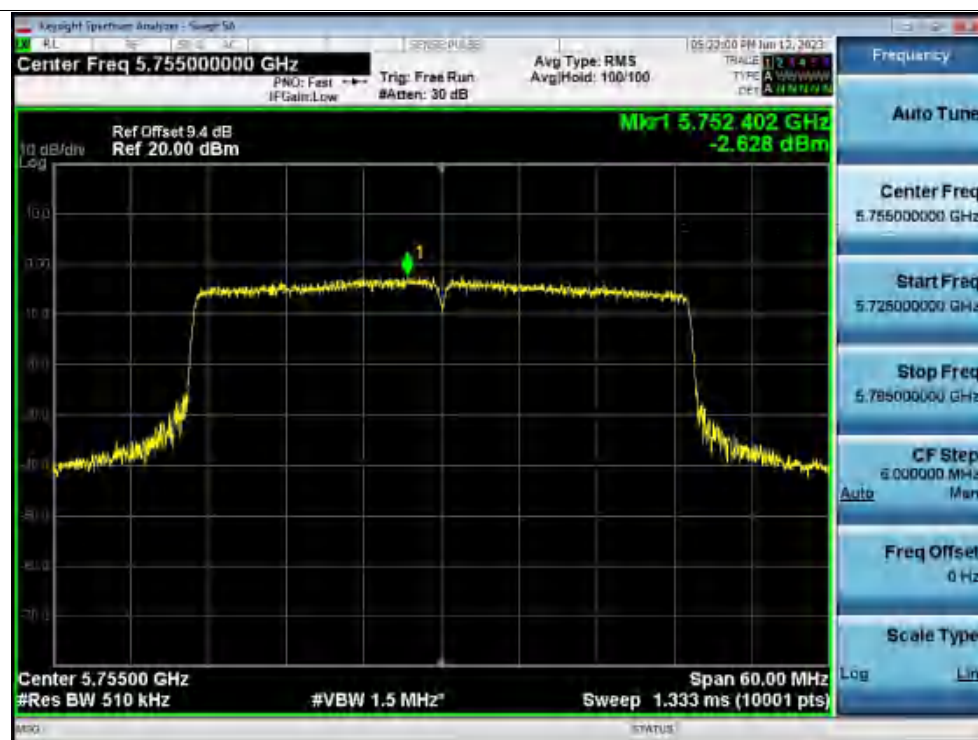
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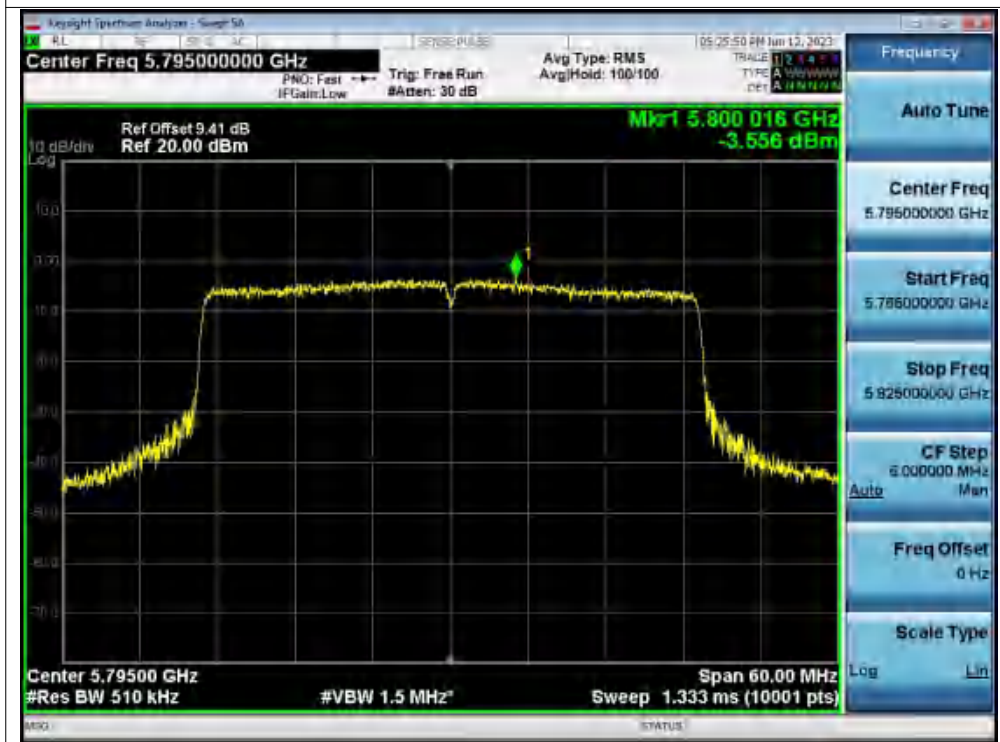
PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz 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	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-20C 120V	a	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-10C 120V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	a	0	5745	Ant1	5745	0	0	25	Pass
10C 120V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 120V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40C 120V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 120V	a	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	a	0	5785	Ant1	5785	0	0	25	Pass
20C 120V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 138V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-20C 120V	a	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-10C 120V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
0C 120V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
10C 120V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30C 120V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40C 120V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
50C 120V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 102V	a	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 120V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 138V	a	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-20C 120V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-10C 120V	a	0	5825	Ant1	5825.02	20000	3.43	25	Pass
0C 120V	a	0	5825	Ant1	5825	0	0	25	Pass
10C 120V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40C 120V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
50C 120V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 102V	n20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 138V	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 120V	n20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-10C 120V	n20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	n20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 120V	n20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass

30C 120V	n20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40C 120V	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
50C 120V	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 120V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 138V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-20C 120V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-10C 120V	n20	0	5785	Ant1	5785	0	0	25	Pass
0C 120V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
10C 120V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30C 120V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40C 120V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
50C 120V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 102V	n20	0	5825	Ant1	5825	0	0	25	Pass
20C 120V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 138V	n20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20C 120V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-10C 120V	n20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10C 120V	n20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	n20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40C 120V	n20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
50C 120V	n20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 102V	n40	0	5755	Ant1	5755	0	0	25	Pass
20C 120V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-20C 120V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-10C 120V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 120V	n40	0	5755	Ant1	5754.92	-80000	-13.9	25	Pass
10C 120V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40C 120V	n40	0	5755	Ant1	5755	0	0	25	Pass
50C 120V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 102V	n40	0	5795	Ant1	5795	0	0	25	Pass
20C 120V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 138V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-10C 120V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0C 120V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 120V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass

40C 120V	n40	0	5795	Ant1	5794.92	-80000	-13.81	25	Pass
50C 120V	n40	0	5795	Ant1	5795	0	0	25	Pass
20C 102V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-20C 120V	ac20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-10C 120V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 120V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 120V	ac20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40C 120V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 120V	ac20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 102V	ac20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 120V	ac20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 138V	ac20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-20C 120V	ac20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-10C 120V	ac20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
0C 120V	ac20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
10C 120V	ac20	0	5785	Ant1	5785	0	0	25	Pass
30C 120V	ac20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40C 120V	ac20	0	5785	Ant1	5785	0	0	25	Pass
50C 120V	ac20	0	5785	Ant1	5785	0	0	25	Pass
20C 102V	ac20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	ac20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 138V	ac20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20C 120V	ac20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-10C 120V	ac20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	ac20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10C 120V	ac20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	ac20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
40C 120V	ac20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
50C 120V	ac20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 102V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 120V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-20C 120V	ac40	0	5755	Ant1	5754.92	-80000	-13.9	25	Pass
-10C 120V	ac40	0	5755	Ant1	5754.92	-80000	-13.9	25	Pass
0C 120V	ac40	0	5755	Ant1	5755	0	0	25	Pass
10C 120V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40C 120V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass

50C 120V	ac40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 102V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 120V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 138V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	ac40	0	5795	Ant1	5795	0	0	25	Pass
-10C 120V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0C 120V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 120V	ac40	0	5795	Ant1	5795	0	0	25	Pass
40C 120V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
50C 120V	ac40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	ax20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	ax20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 138V	ax20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-20C 120V	ax20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-10C 120V	ax20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	ax20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 120V	ax20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 120V	ax20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40C 120V	ax20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
50C 120V	ax20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 102V	ax20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 138V	ax20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-20C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-10C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
0C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
10C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
50C 120V	ax20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 102V	ax20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 120V	ax20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 138V	ax20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20C 120V	ax20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-10C 120V	ax20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	ax20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10C 120V	ax20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30C 120V	ax20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40C 120V	ax20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
50C 120V	ax20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass

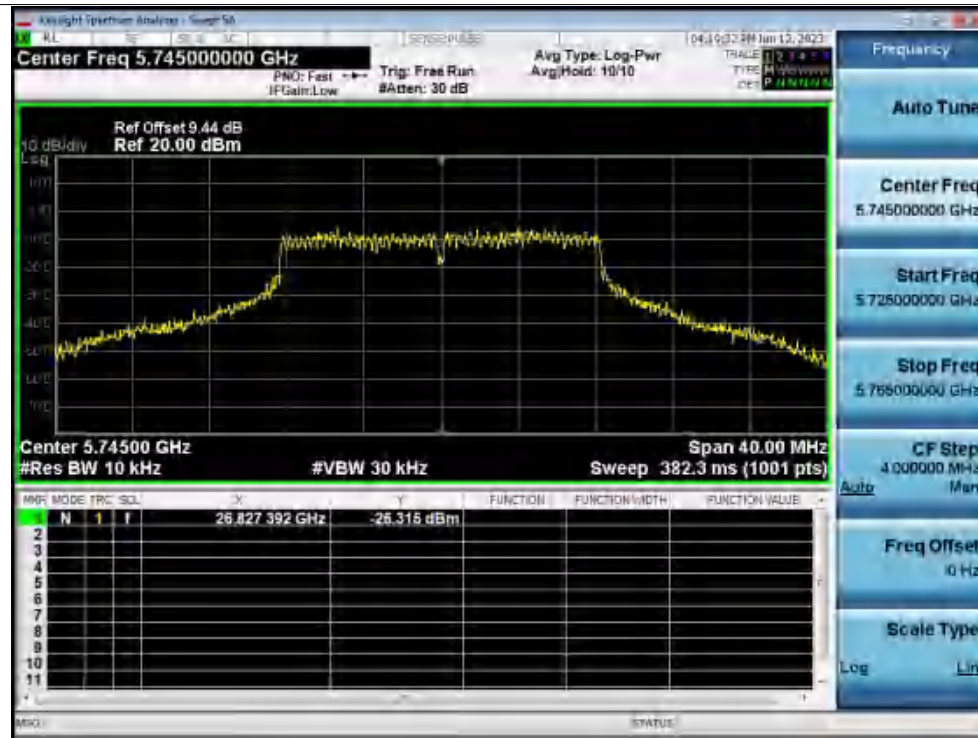


Global Testing Group

20C 102V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-20C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-10C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
50C 120V	ax40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 102V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 138V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-10C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
40C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
50C 120V	ax40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass

Test Graphs

Freq. Stability 20C 102V a 5745MHz Ant1 0 Minutes



Freq. Stability 20C 120V a 5745MHz Ant1 0 Minutes



Freq. Stability 20C 138V a 5745MHz Ant1 0 Minutes



Freq. Stability -20C 120V a 5745MHz Ant1 0 Minutes



Freq. Stability -10C 120V a 5745MHz Ant1 0 Minutes



Freq. Stability 0C 120V a 5745MHz Ant1 0 Minutes



Freq. Stability 10C 120V a 5745MHz Ant1 0 Minutes



Freq. Stability 30C 120V a 5745MHz Ant1 0 Minutes



Freq. Stability 40C 120V a 5745MHz Ant1 0 Minutes



Freq. Stability 50C 120V a 5745MHz Ant1 0 Minutes



Freq. Stability 20C 102V a 5785MHz Ant1 0 Minutes



Freq. Stability 20C 120V a 5785MHz Ant1 0 Minutes



Freq. Stability 20C 138V a 5785MHz Ant1 0 Minutes



Freq. Stability -20C 120V a 5785MHz Ant1 0 Minutes



Freq. Stability -10C 120V a 5785MHz Ant1 0 Minutes



Freq. Stability 0C 120V a 5785MHz Ant1 0 Minutes



Freq. Stability 10C 120V a 5785MHz Ant1 0 Minutes



Freq. Stability 30C 120V a 5785MHz Ant1 0 Minutes



Freq. Stability 40C 120V a 5785MHz Ant1 0 Minutes



Freq. Stability 50C 120V a 5785MHz Ant1 0 Minutes



Freq. Stability 20C 102V a 5825MHz Ant1 0 Minutes



Freq. Stability 20C 120V a 5825MHz Ant1 0 Minutes



Freq. Stability 20C 138V a 5825MHz Ant1 0 Minutes



Freq. Stability -20C 120V a 5825MHz Ant1 0 Minutes



Freq. Stability -10C 120V a 5825MHz Ant1 0 Minutes



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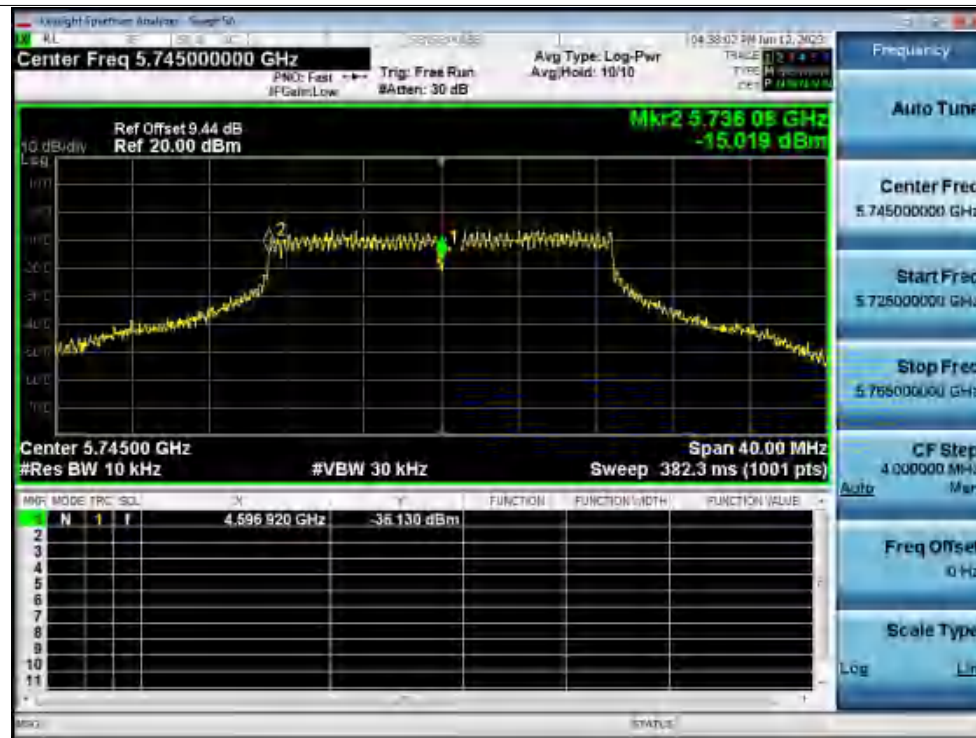
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Freq. Stability 20C 138V n20 5745MHz Ant1 0 Minutes



Freq. Stability -20C 120V n20 5745MHz Ant1 0 Minutes



Freq. Stability -10C 120V n20 5745MHz Ant1 0 Minutes



Freq. Stability 0C 120V n20 5745MHz Ant1 0 Minutes



Freq. Stability 10C 120V n20 5745MHz Ant1 0 Minutes



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Freq. Stability 20C 102V n20 5785MHz Ant1 0 Minutes



Freq. Stability 20C 120V n20 5785MHz Ant1 0 Minutes



Freq. Stability 20C 138V n20 5785MHz Ant1 0 Minutes



Freq. Stability -20C 120V n20 5785MHz Ant1 0 Minutes



Freq. Stability -10C 120V n20 5785MHz Ant1 0 Minutes



Freq. Stability 0C 120V n20 5785MHz Ant1 0 Minutes



Freq. Stability 10C 120V n20 5785MHz Ant1 0 Minutes



Freq. Stability 30C 120V n20 5785MHz Ant1 0 Minutes



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Freq. Stability 20C 102V n20 5825MHz Ant1 0 Minutes



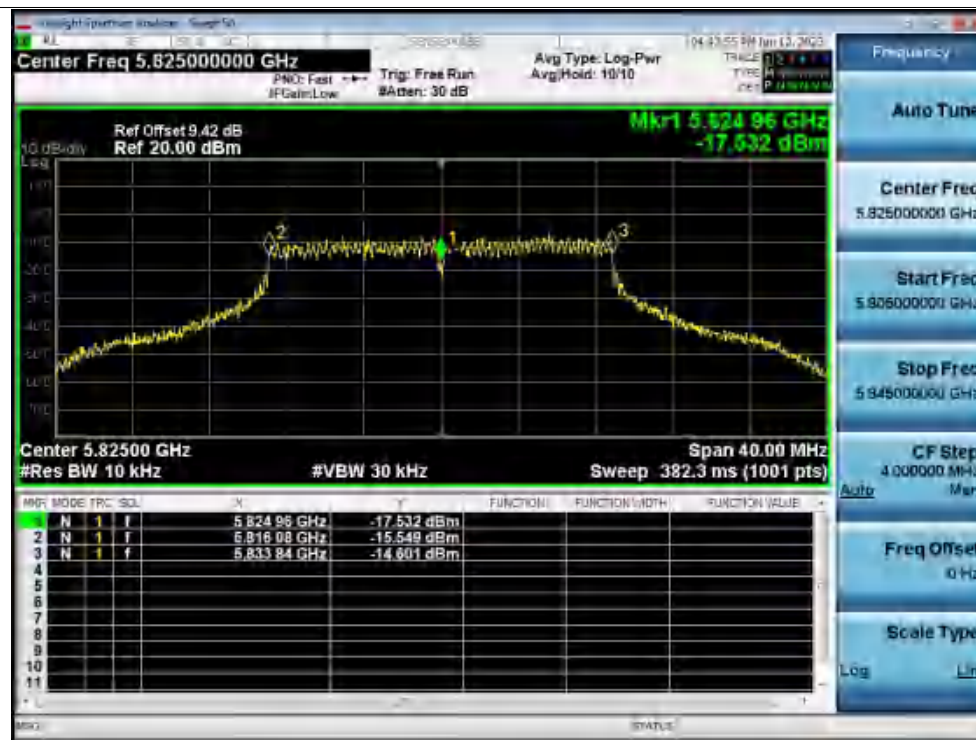
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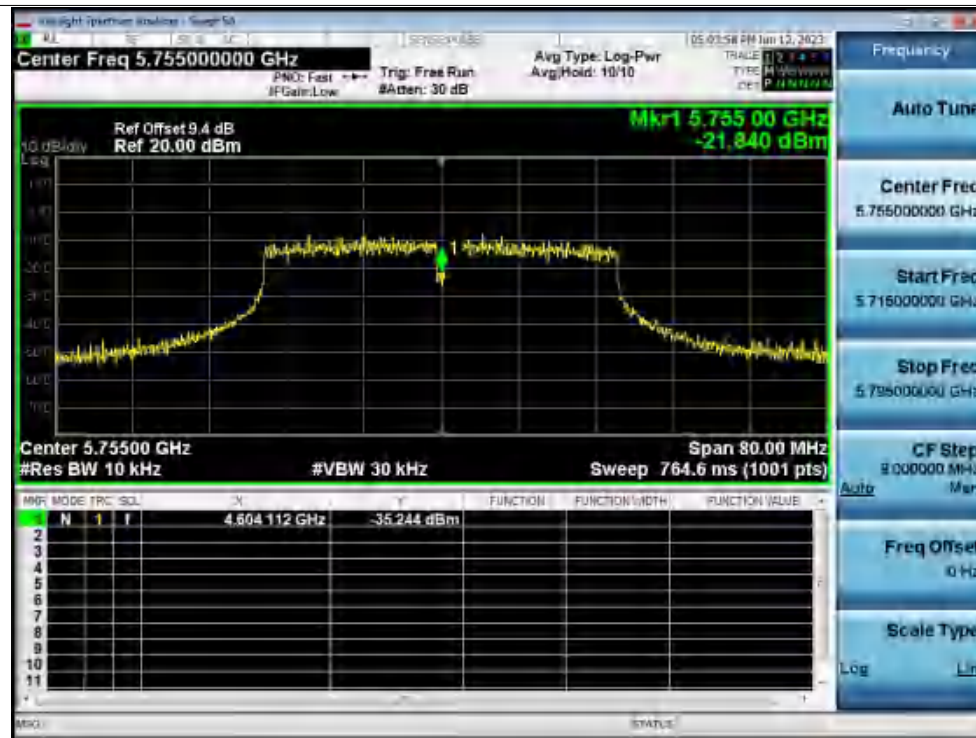
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Freq. Stability 20C 102V n40 5755MHz Ant1 0 Minutes



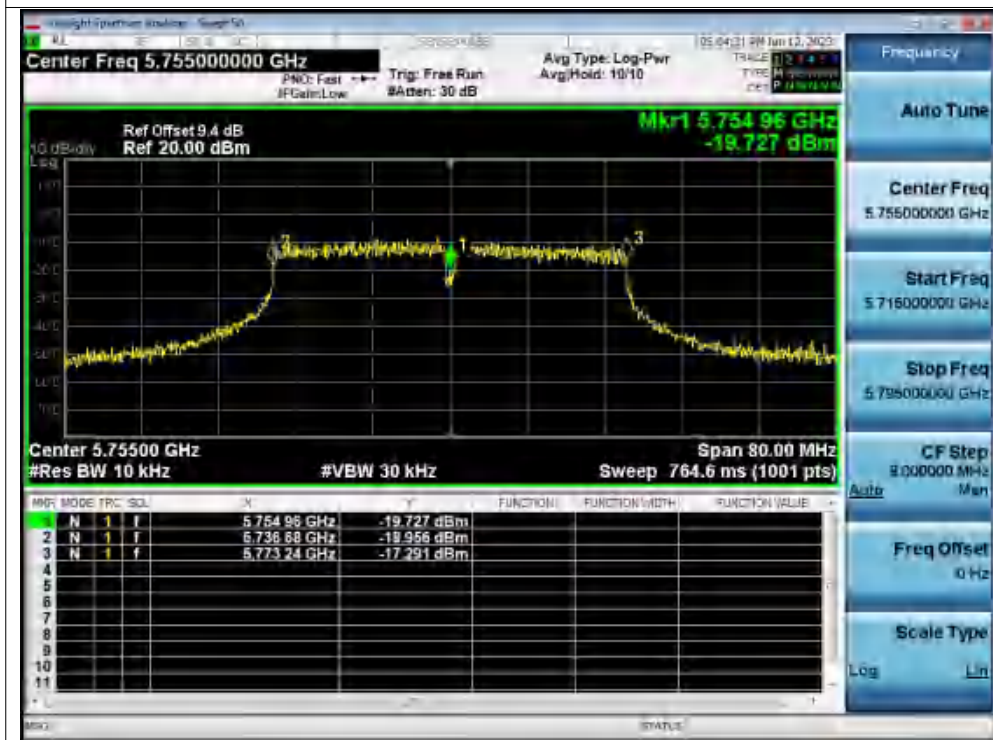
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Freq. Stability 20C 138V n40 5755MHz Ant1 0 Minutes



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Freq. Stability -10C 120V n40 5755MHz Ant1 0 Minutes



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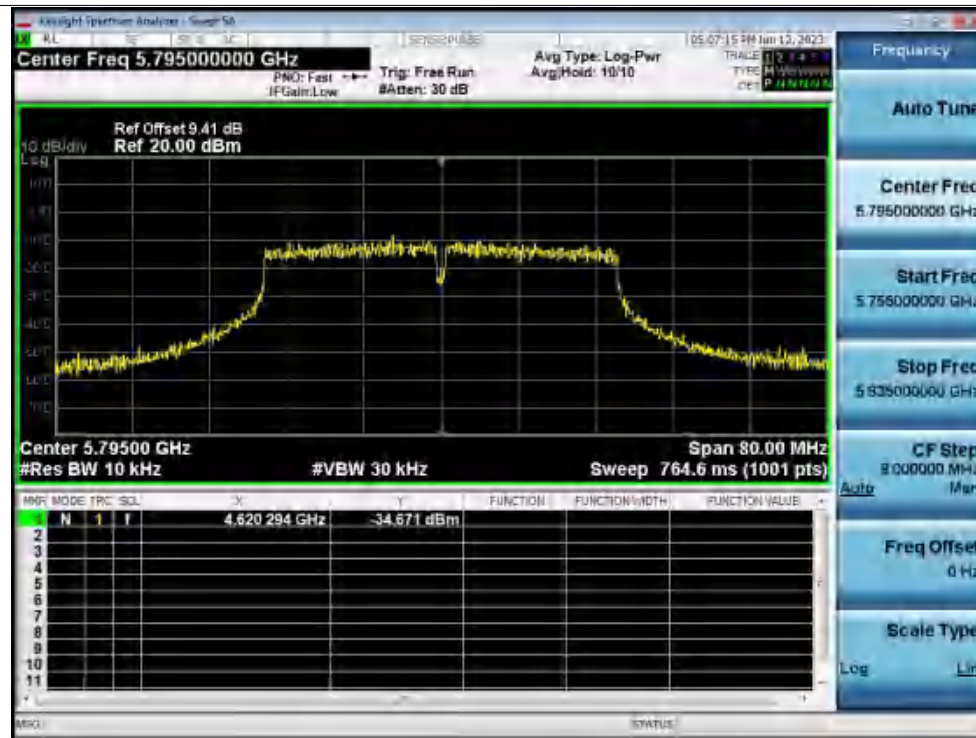
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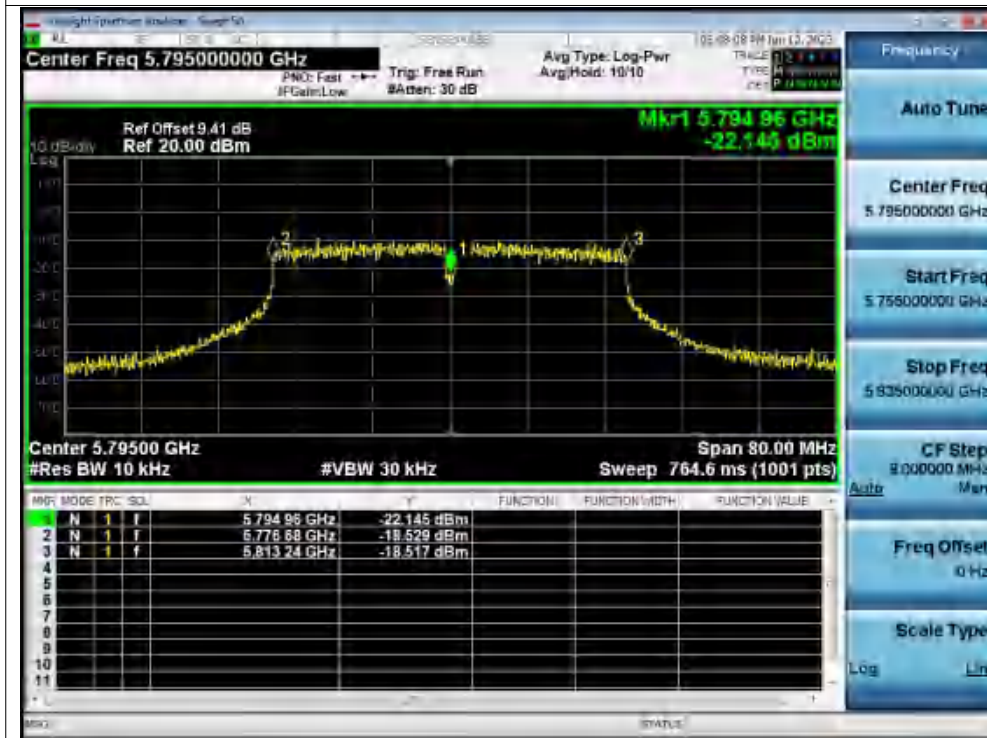
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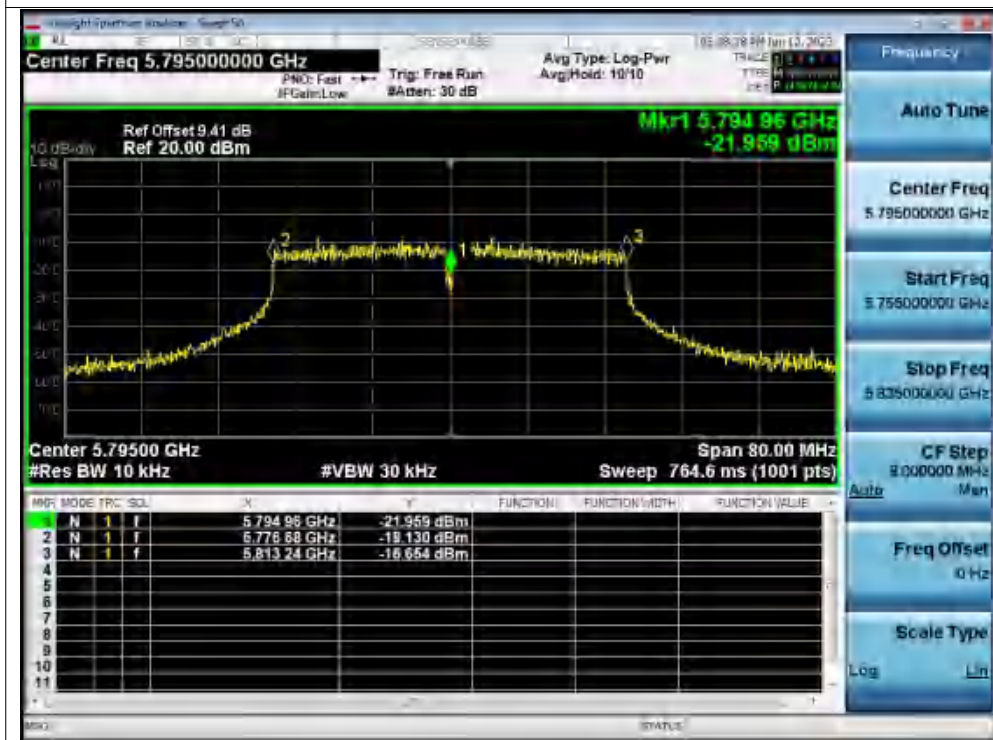
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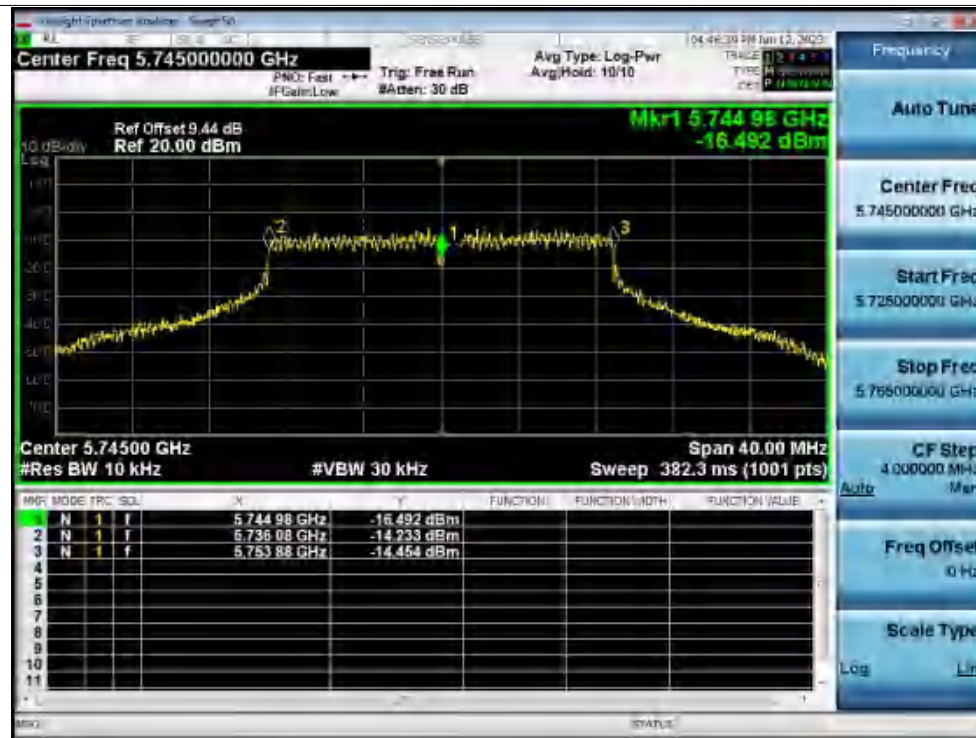
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Freq. Stability -10C 120V ac20 5745MHz Ant1 0 Minutes



Freq. Stability 0C 120V ac20 5745MHz Ant1 0 Minutes



Freq. Stability 10C 120V ac20 5745MHz Ant1 0 Minutes



Freq. Stability 30C 120V ac20 5745MHz Ant1 0 Minutes



Freq. Stability 40C 120V ac20 5745MHz Ant1 0 Minutes



Freq. Stability 50C 120V ac20 5745MHz Ant1 0 Minutes



Freq. Stability 20C 102V ac20 5785MHz Ant1 0 Minutes



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Freq. Stability -20C 120V ac20 5785MHz Ant1 0 Minutes



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Freq. Stability 0C 120V ac20 5785MHz Ant1 0 Minutes



Freq. Stability 10C 120V ac20 5785MHz Ant1 0 Minutes



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Freq. Stability 40C 120V ac20 5785MHz Ant1 0 Minutes



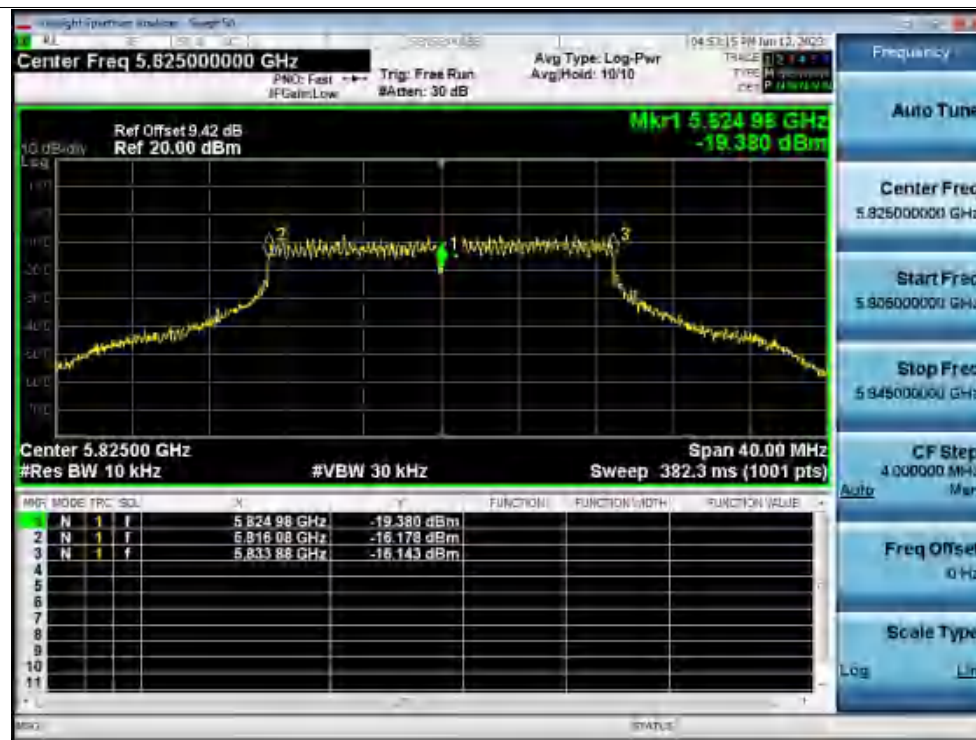
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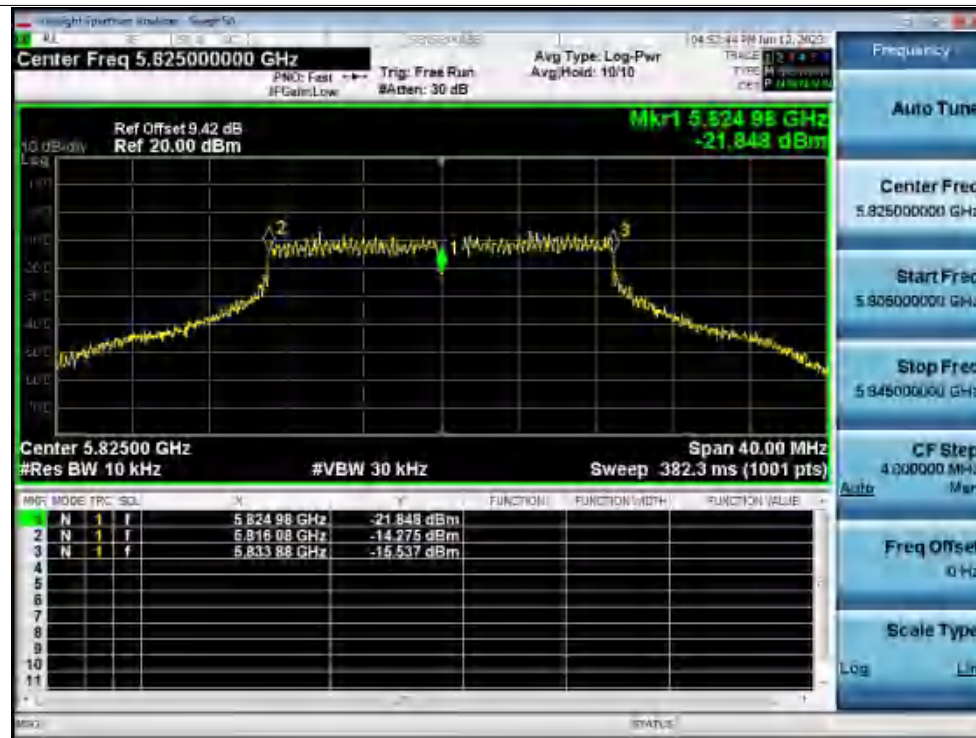
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Freq. Stability -20C 120V ac20 5825MHz Ant1 0 Minutes



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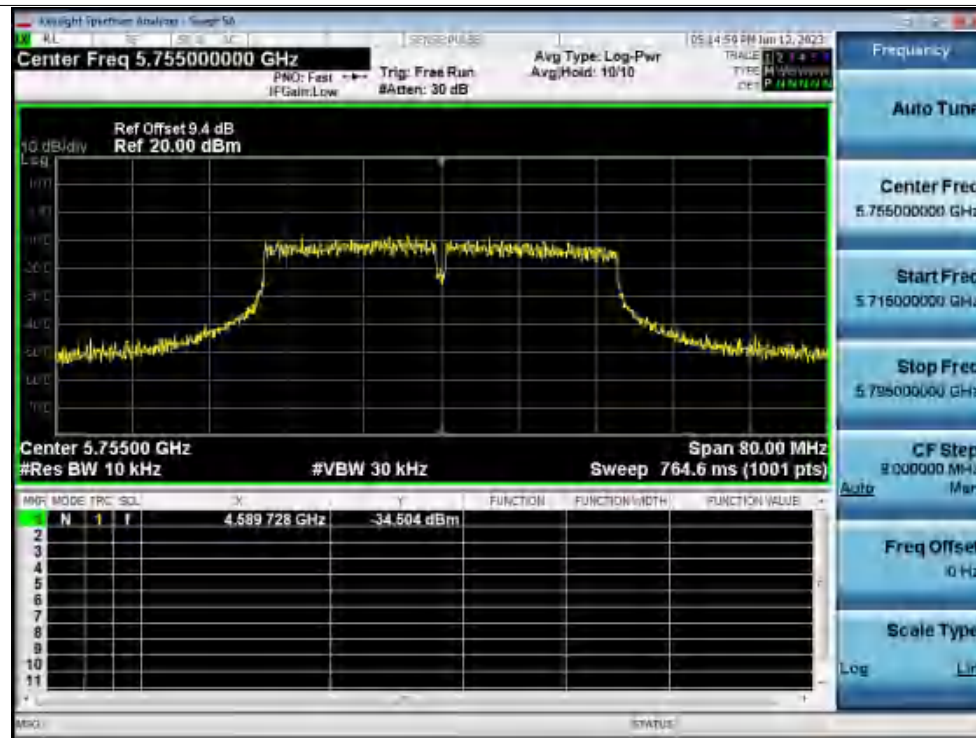
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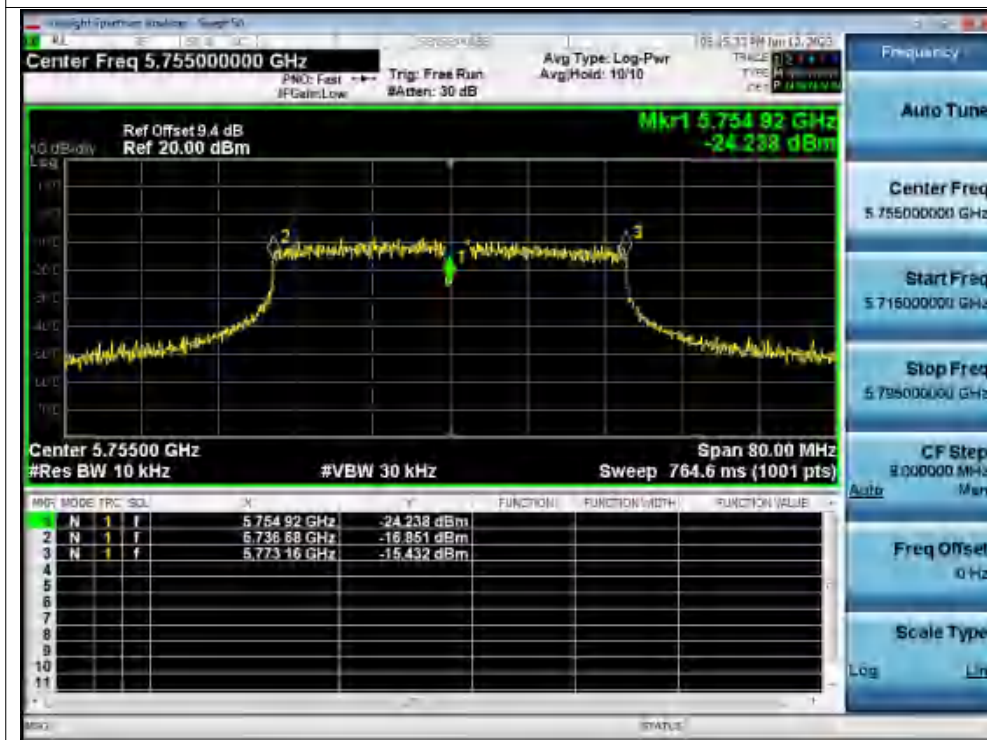
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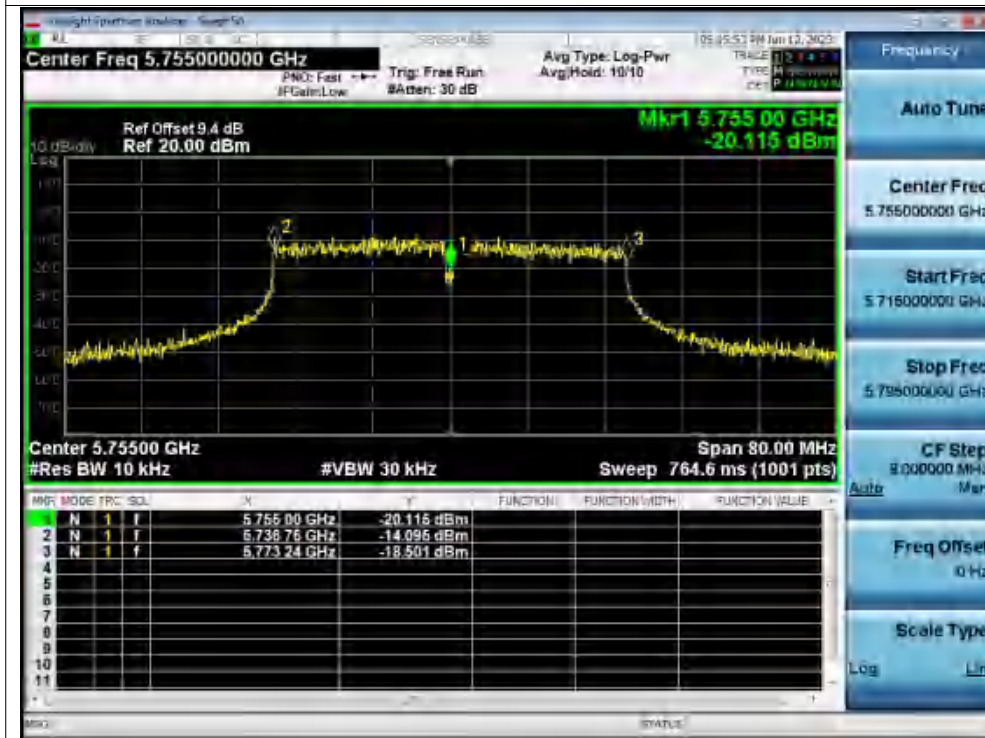
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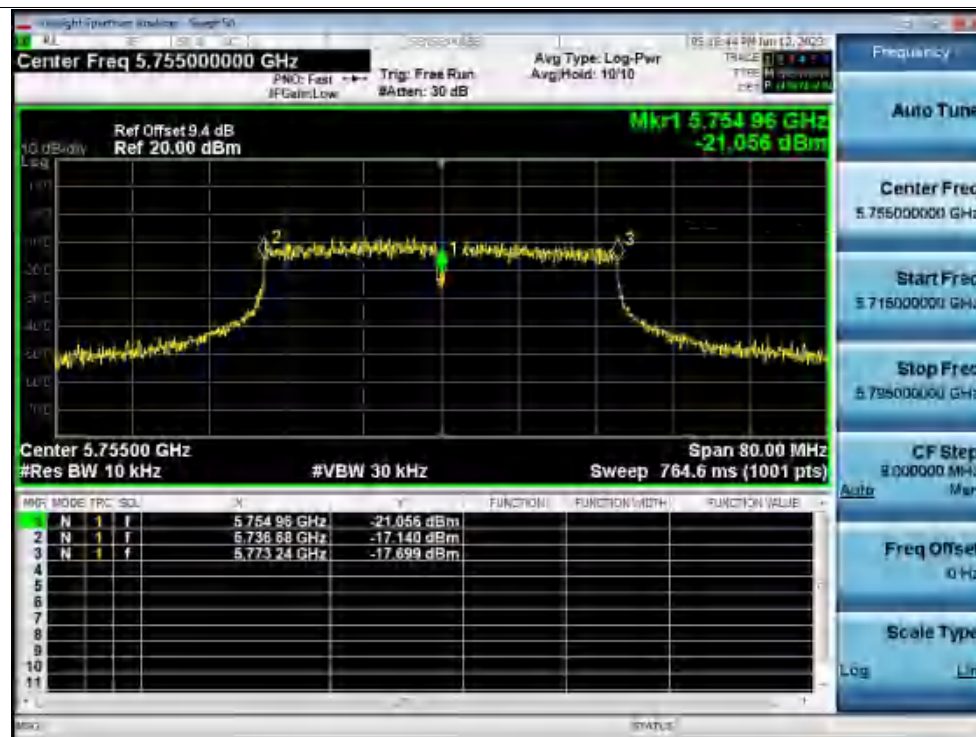
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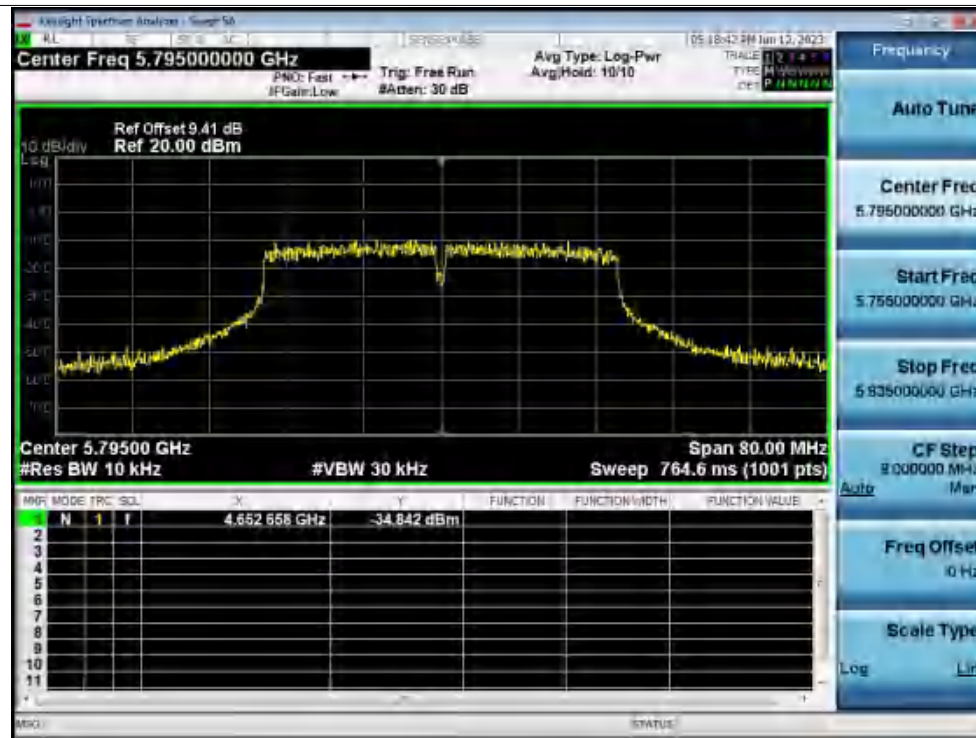
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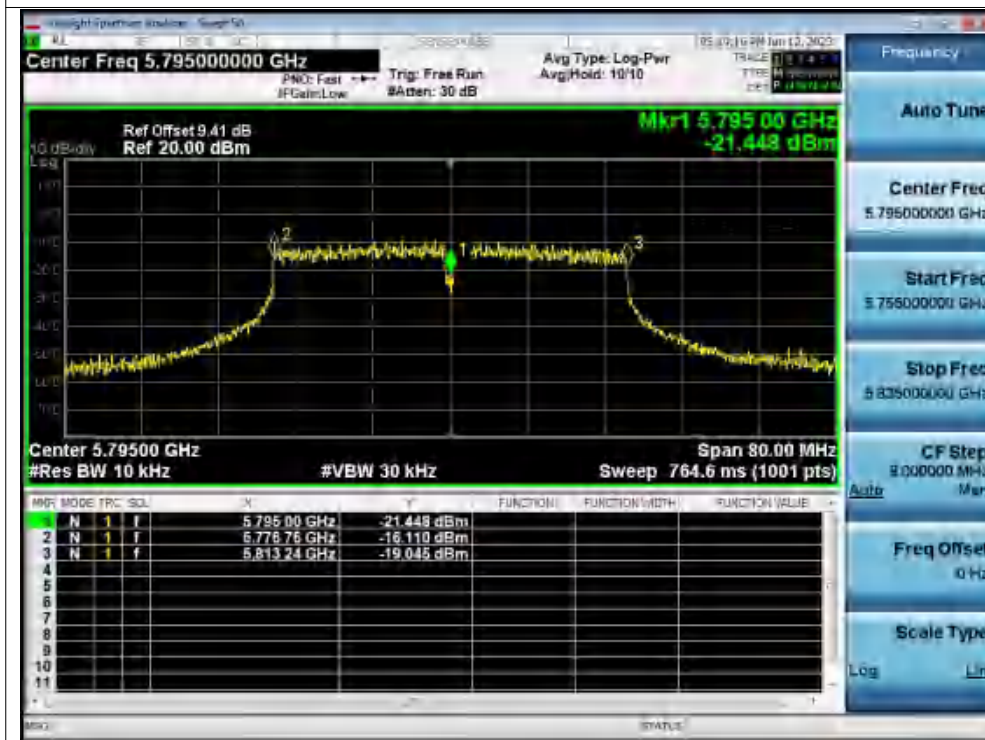
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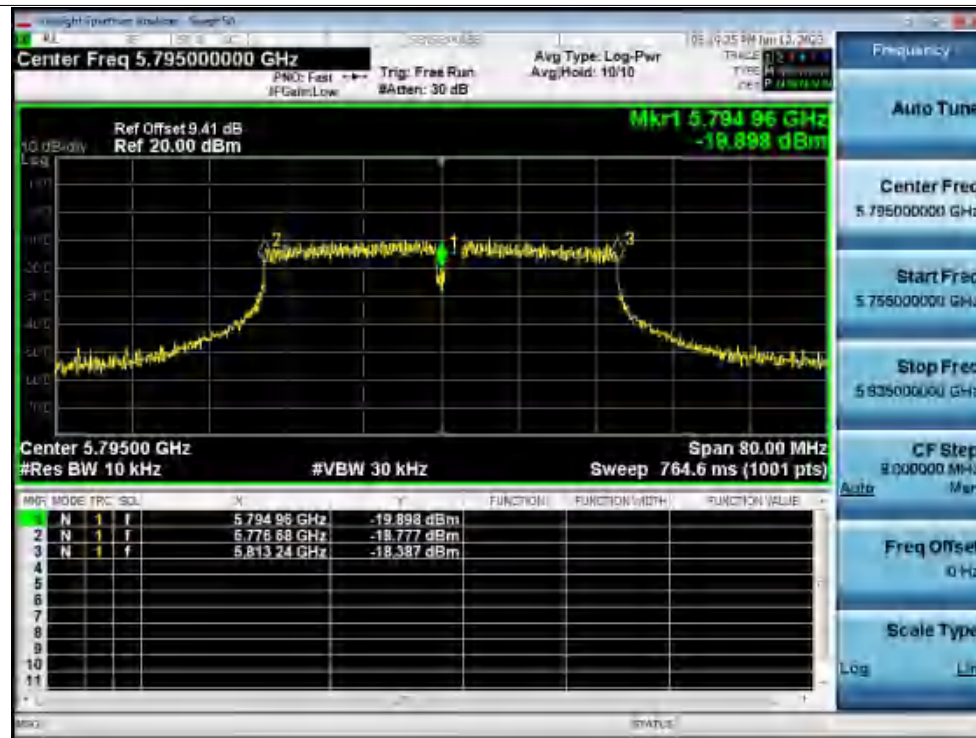
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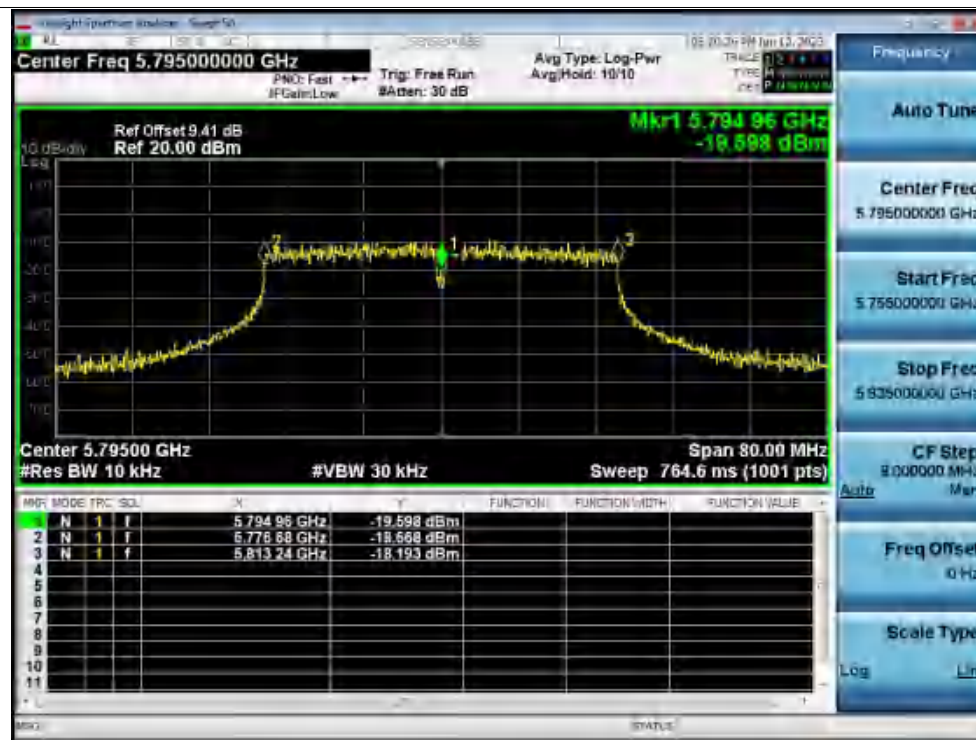
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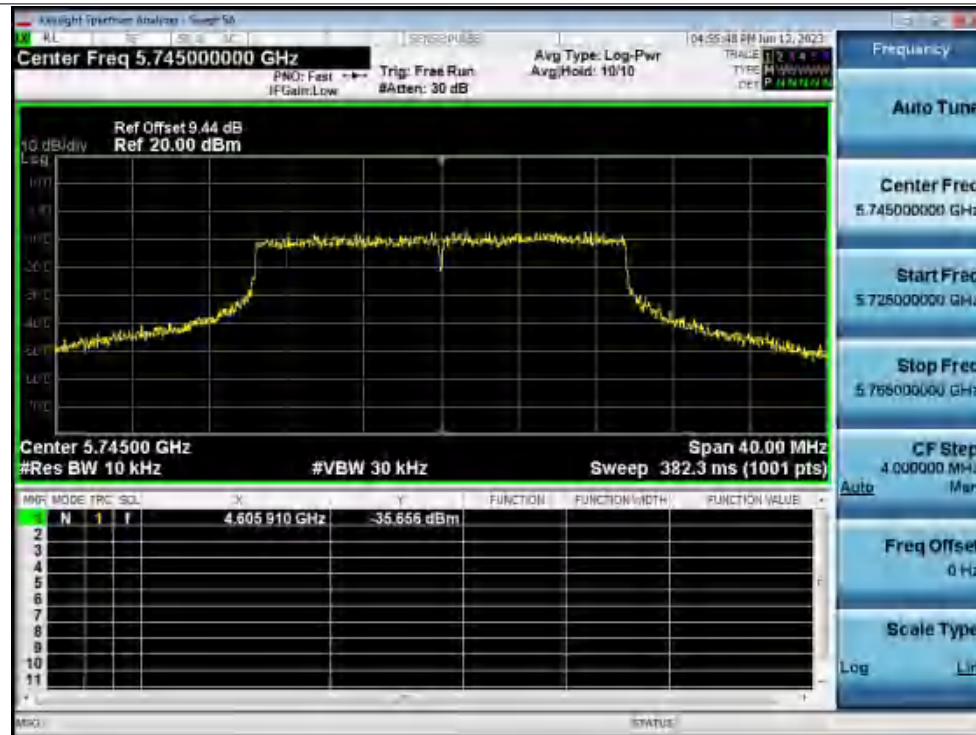
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Freq. Stability 20C 120V ax20 5745MHz Ant1 0 Minutes



Freq. Stability 20C 138V ax20 5745MHz Ant1 0 Minutes



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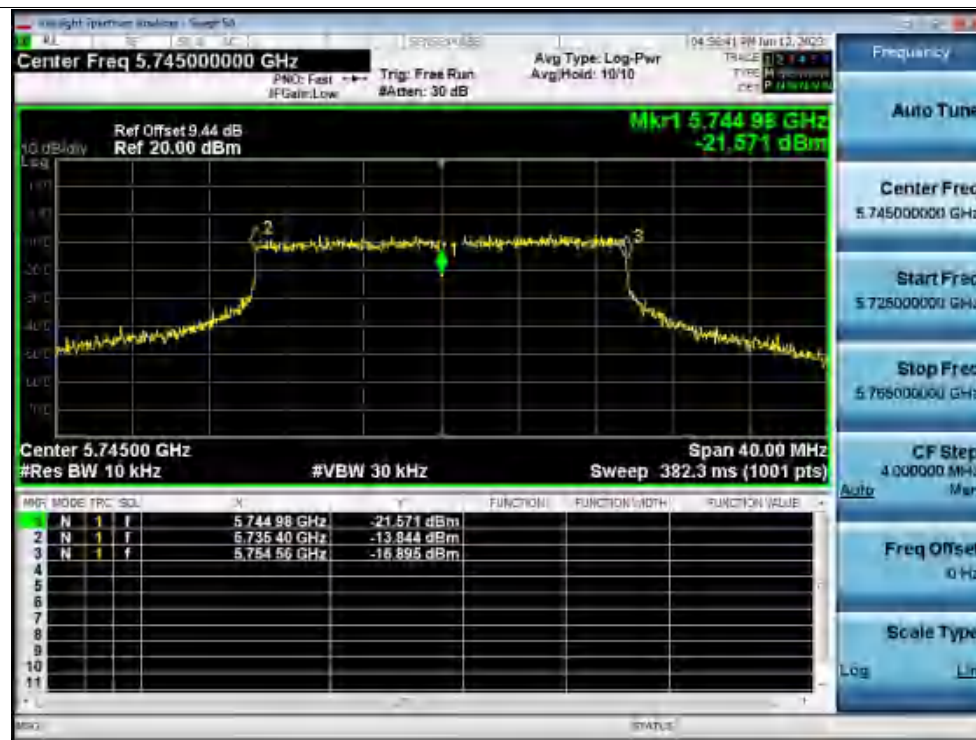
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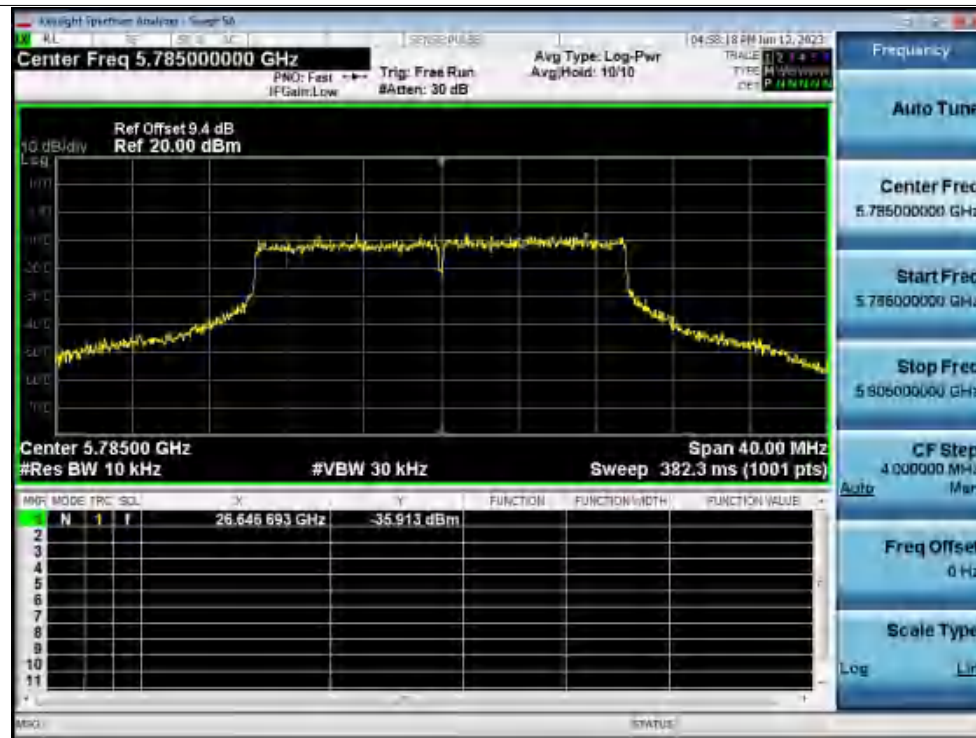
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Freq. Stability 20C 120V ax20 5785MHz Ant1 0 Minutes



Freq. Stability 20C 138V ax20 5785MHz Ant1 0 Minutes



Freq. Stability -20C 120V ax20 5785MHz Ant1 0 Minutes



Freq. Stability -10C 120V ax20 5785MHz Ant1 0 Minutes



Freq. Stability 0C 120V ax20 5785MHz Ant1 0 Minutes



Freq. Stability 10C 120V ax20 5785MHz Ant1 0 Minutes



Freq. Stability 30C 120V ax20 5785MHz Ant1 0 Minutes



Freq. Stability 40C 120V ax20 5785MHz Ant1 0 Minutes



Freq. Stability 50C 120V ax20 5785MHz Ant1 0 Minutes



Freq. Stability 20C 102V ax20 5825MHz Ant1 0 Minutes



Freq. Stability 20C 120V ax20 5825MHz Ant1 0 Minutes



Freq. Stability 20C 138V ax20 5825MHz Ant1 0 Minutes



Freq. Stability -20C 120V ax20 5825MHz Ant1 0 Minutes



Freq. Stability -10C 120V ax20 5825MHz Ant1 0 Minutes



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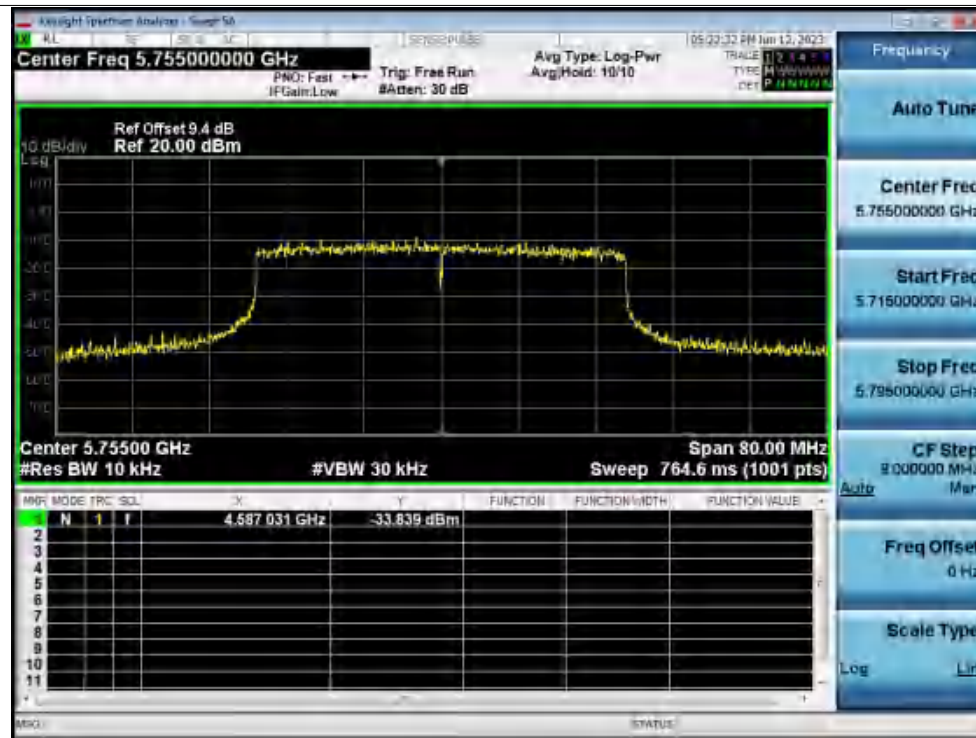
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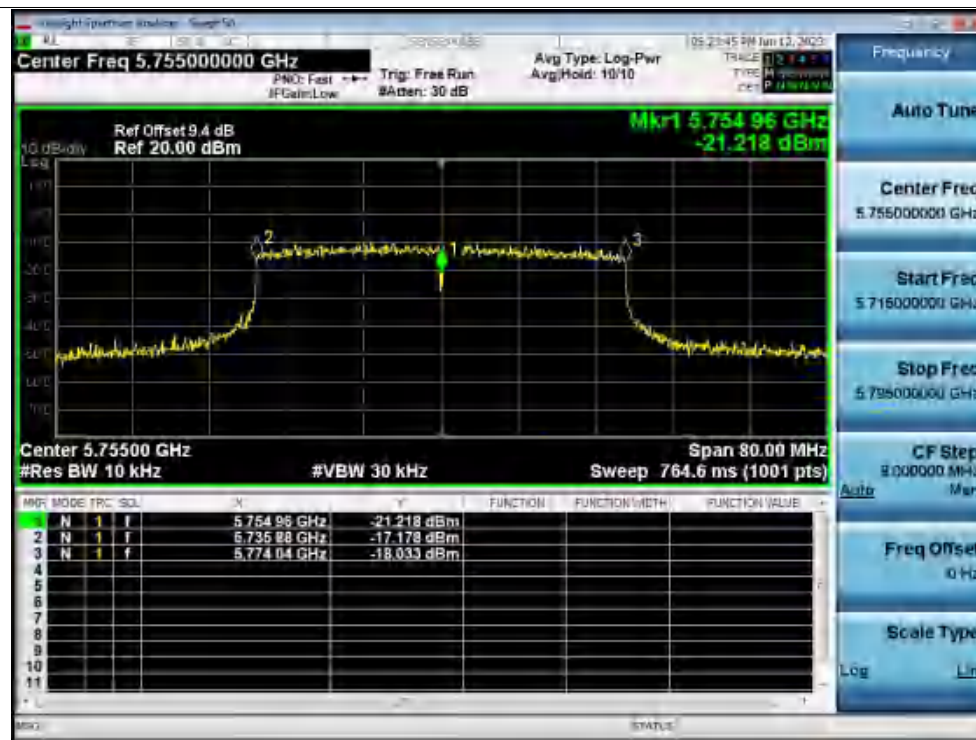
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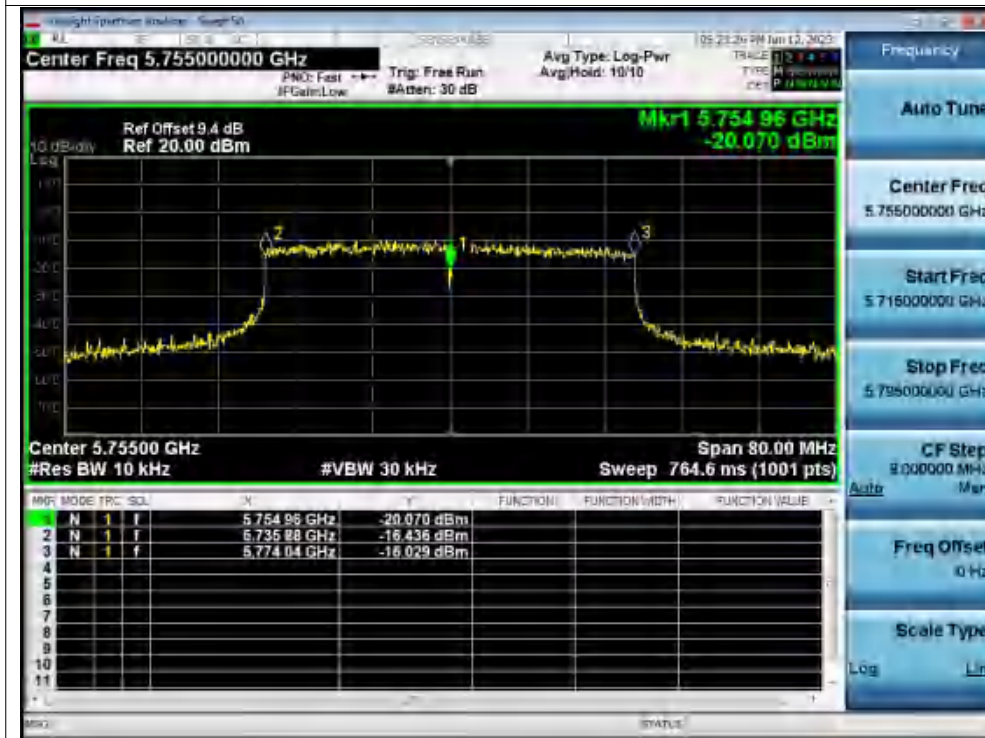
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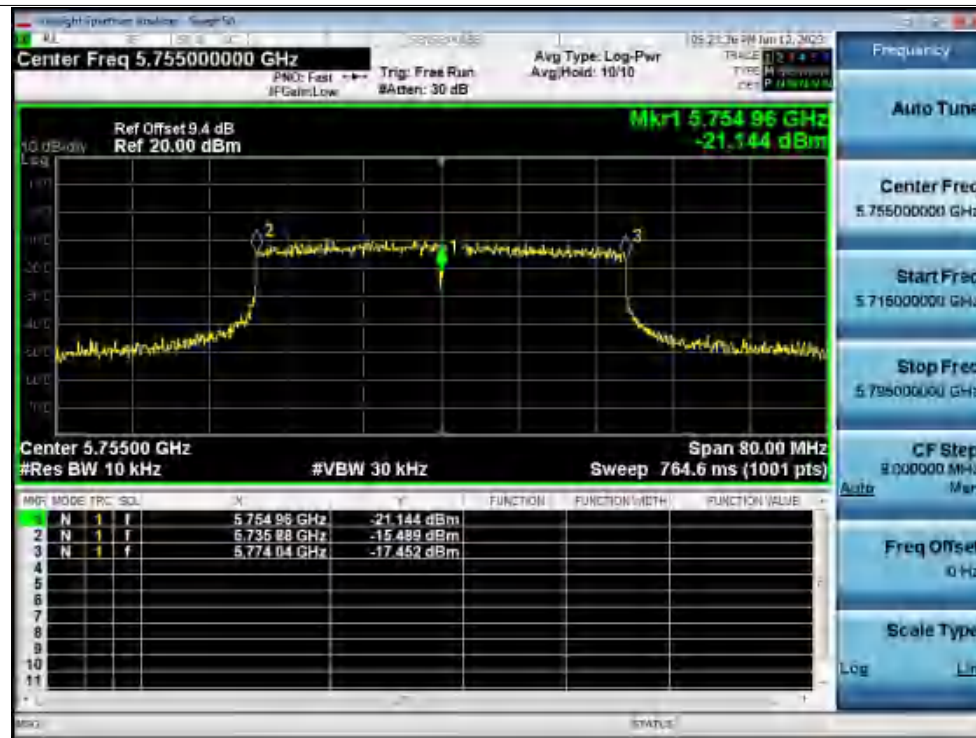
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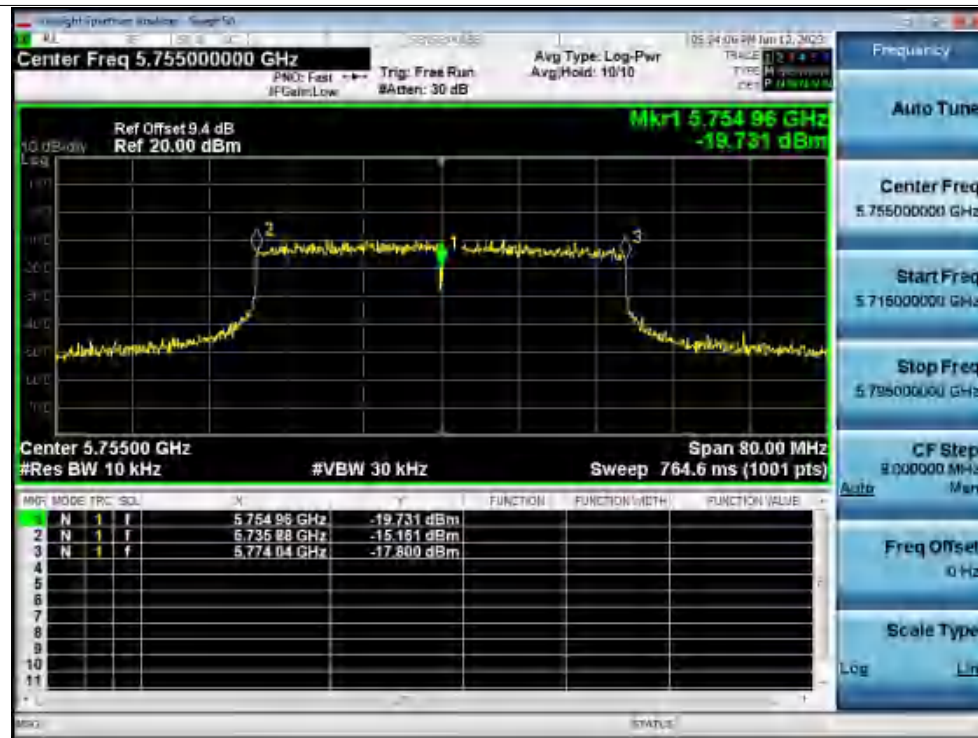
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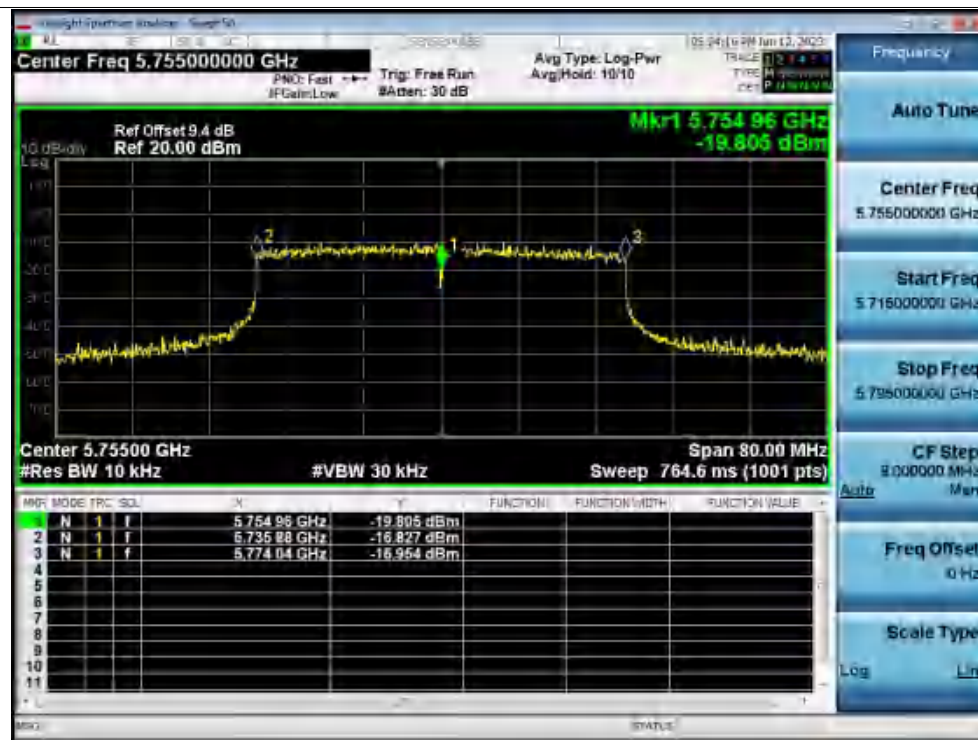
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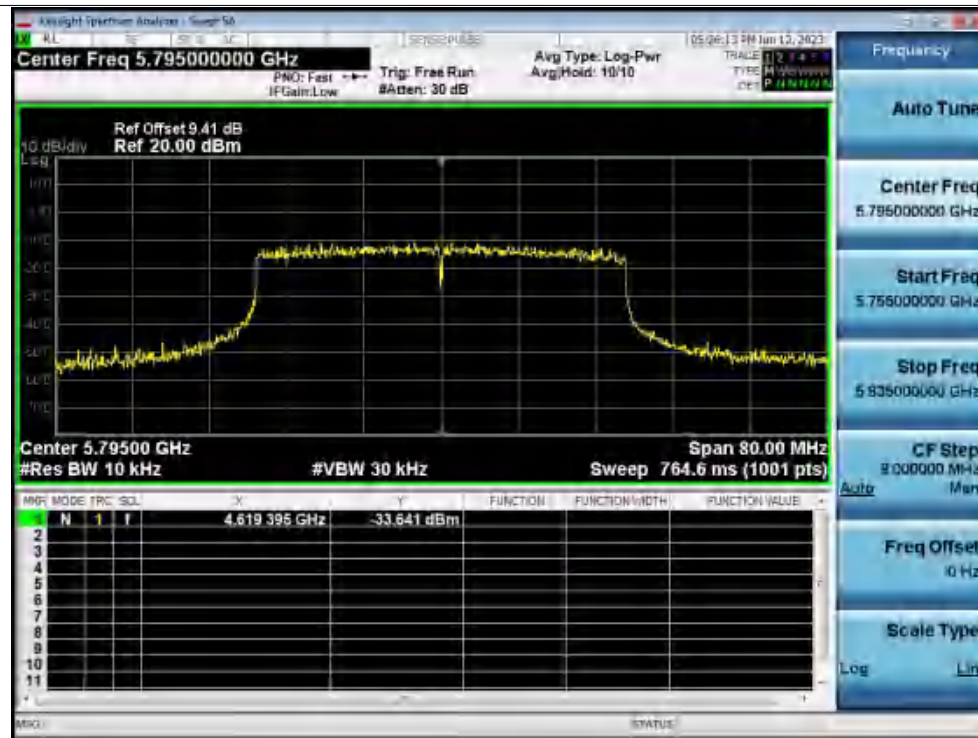
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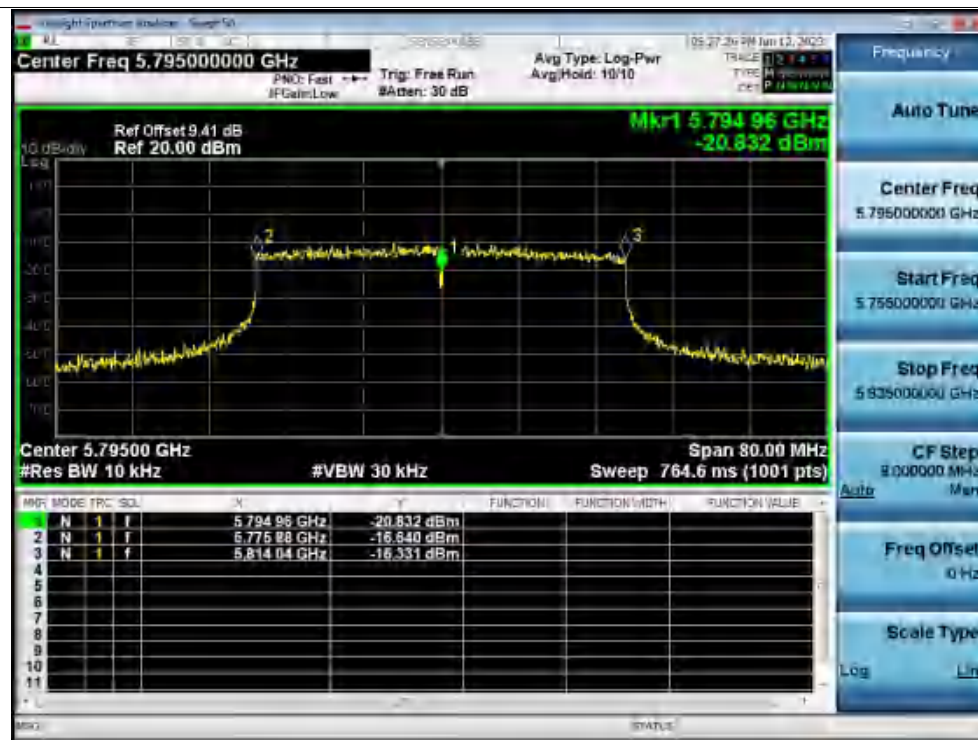
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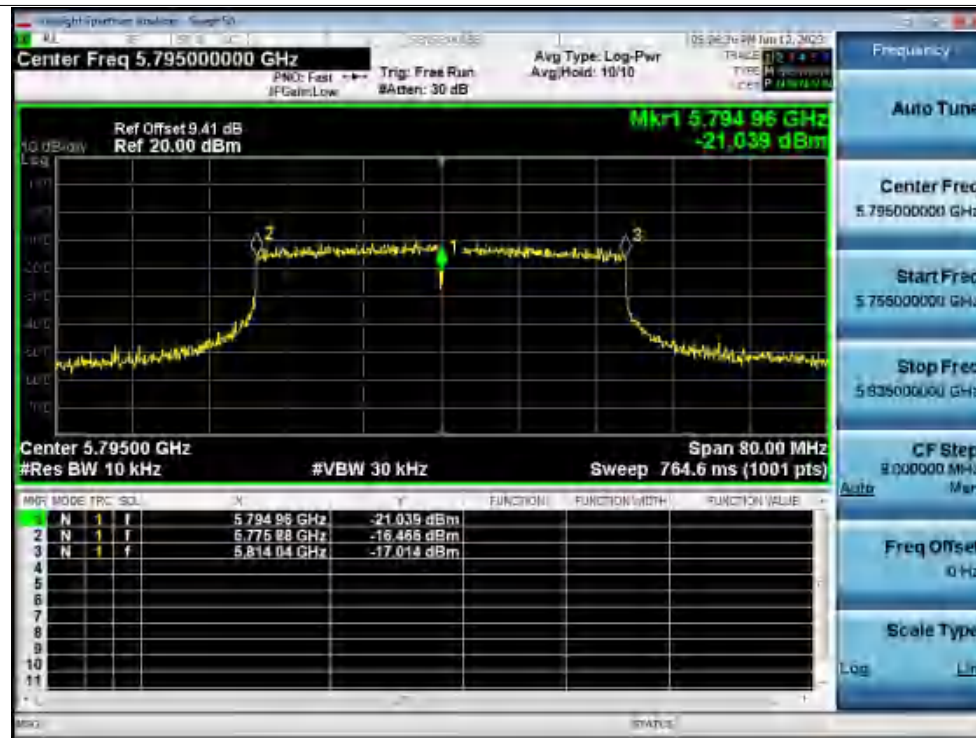
Freq. Stability 20C 102V ax40 5795MHz Ant1 0 Minutes



Freq. Stability 20C 120V ax40 5795MHz Ant1 0 Minutes



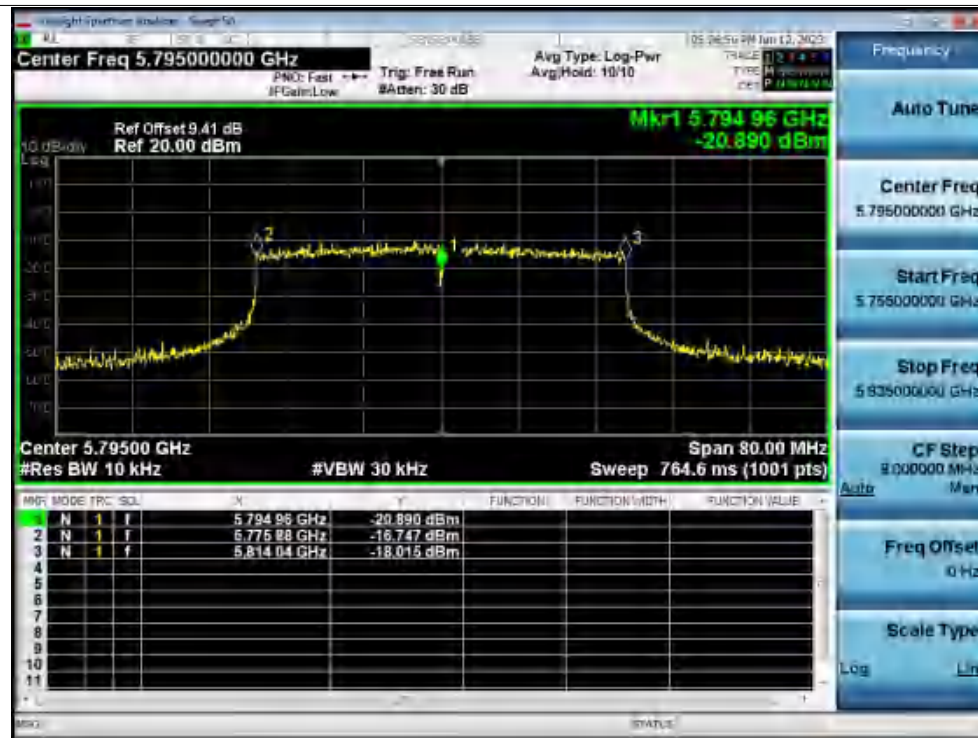
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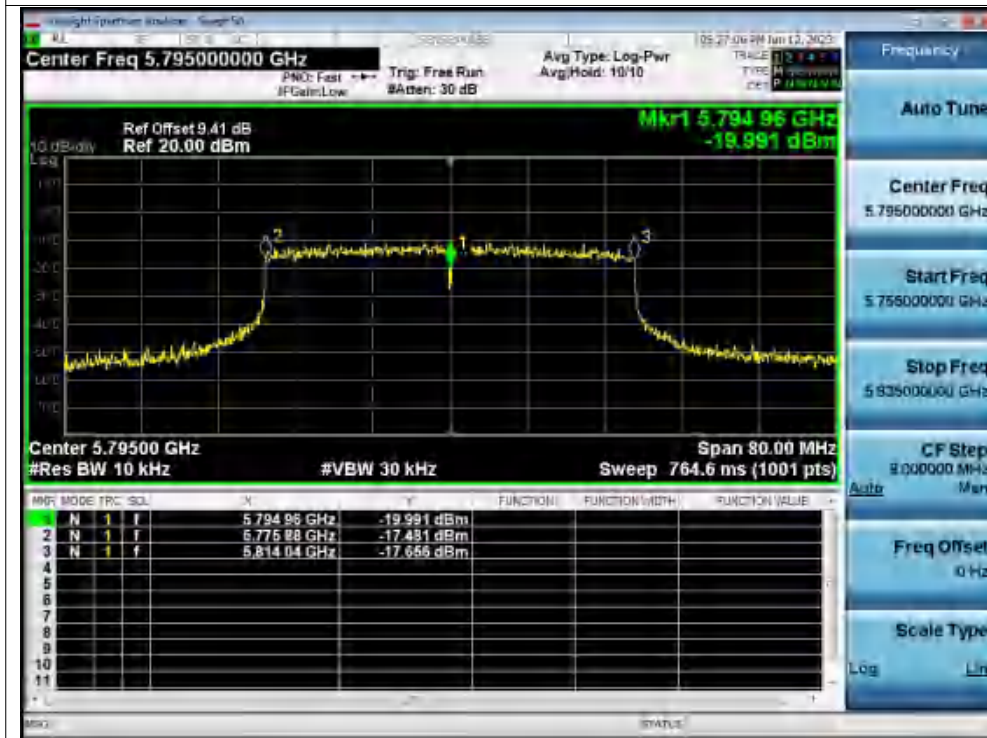
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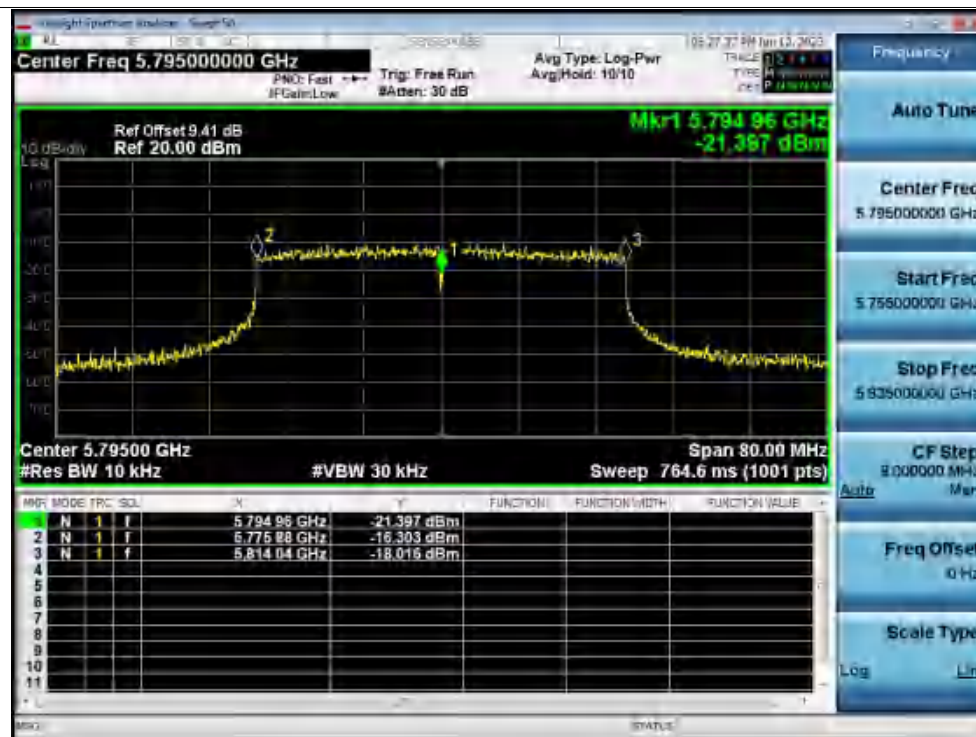
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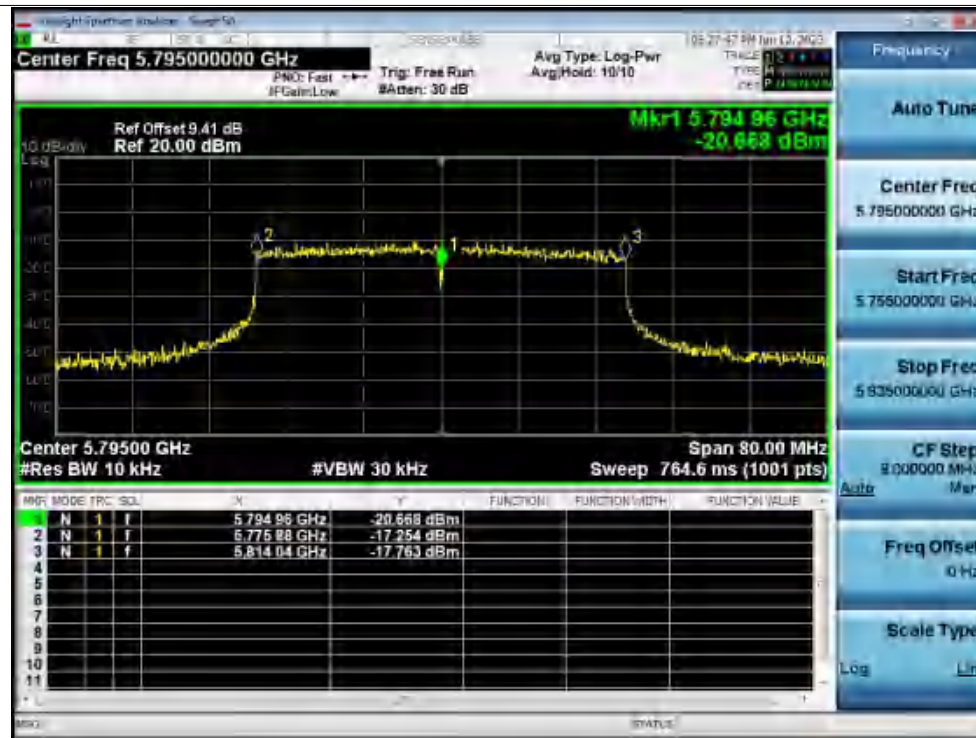
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Freq. Stability 30C 120V ax40 5795MHz Ant1 0 Minutes



Freq. Stability 40C 120V ax40 5795MHz Ant1 0 Minutes



Freq. Stability 50C 120V ax40 5795MHz Ant1 0 Minutes

