

## Appendix D2

### 7.1 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	93.6	0.29	0.49
NVNT	a	5280	Ant1	94.21	0.26	0.49
NVNT	a	5320	Ant1	93.22	0.3	0.49
NVNT	n20	5260	Ant1	86.41	0.63	0.53
NVNT	n20	5280	Ant1	89.09	0.5	0.53
NVNT	n20	5320	Ant1	90.58	0.43	0.53
NVNT	n40	5270	Ant1	81.93	0.87	1.07
NVNT	n40	5310	Ant1	83.92	0.76	1.07
NVNT	ac20	5260	Ant1	95.72	0.19	0.53
NVNT	ac20	5280	Ant1	94.86	0.23	0.53
NVNT	ac20	5320	Ant1	94.44	0.25	0.53
NVNT	ac40	5270	Ant1	82.72	0.82	1.07
NVNT	ac40	5310	Ant1	87.5	0.58	1.07
NVNT	ax20	5260	Ant1	95.6	0.2	0.69
NVNT	ax20	5280	Ant1	97.26	0.12	0.69
NVNT	ax20	5320	Ant1	91.75	0.37	0.69
NVNT	ax40	5270	Ant1	81.86	0.87	1.34
NVNT	ax40	5310	Ant1	92.7	0.33	1.34

## 7.2 26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	27.909	0.5	Pass
NVNT	a	5280	Ant1	24.959	0.5	Pass
NVNT	a	5320	Ant1	25.153	0.5	Pass
NVNT	n20	5260	Ant1	28.981	0.5	Pass
NVNT	n20	5280	Ant1	24.925	0.5	Pass
NVNT	n20	5320	Ant1	25.781	0.5	Pass
NVNT	n40	5270	Ant1	46.246	0.5	Pass
NVNT	n40	5310	Ant1	45.841	0.5	Pass
NVNT	ac20	5260	Ant1	29.68	0.5	Pass
NVNT	ac20	5280	Ant1	26.637	0.5	Pass
NVNT	ac20	5320	Ant1	26.033	0.5	Pass
NVNT	ac40	5270	Ant1	45.347	0.5	Pass
NVNT	ac40	5310	Ant1	44.273	0.5	Pass
NVNT	ax20	5260	Ant1	27.59	0.5	Pass
NVNT	ax20	5280	Ant1	24.925	0.5	Pass
NVNT	ax20	5320	Ant1	24.943	0.5	Pass
NVNT	ax40	5270	Ant1	43.478	0.5	Pass
NVNT	ax40	5310	Ant1	43.696	0.5	Pass

## Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1



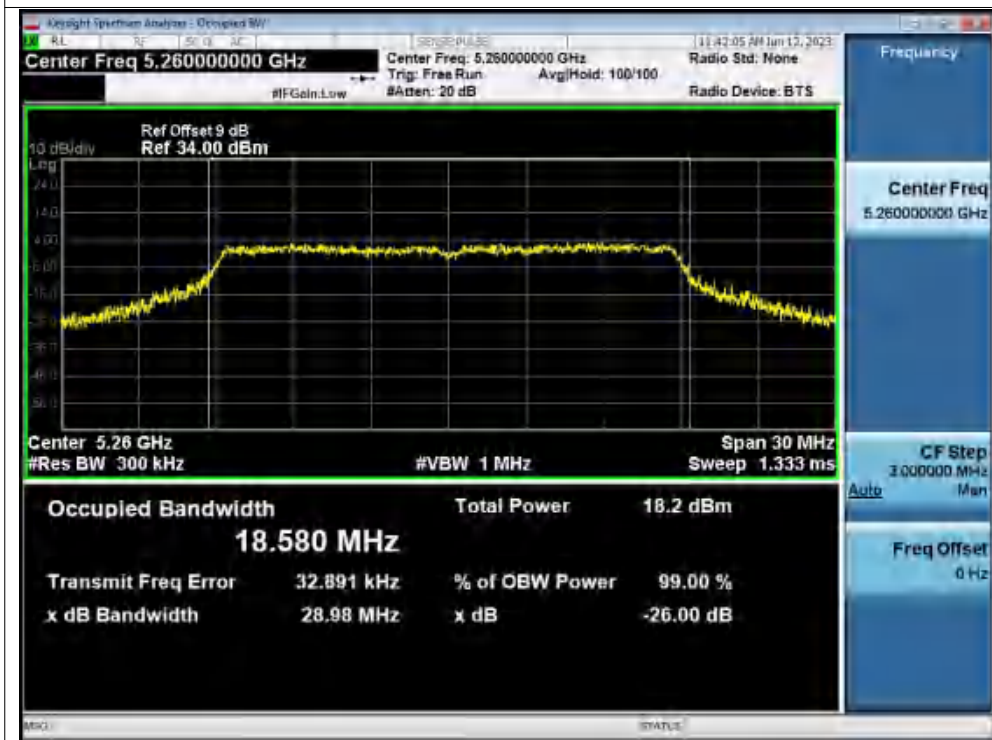
-26dB Bandwidth NVNT a 5280MHz Ant1



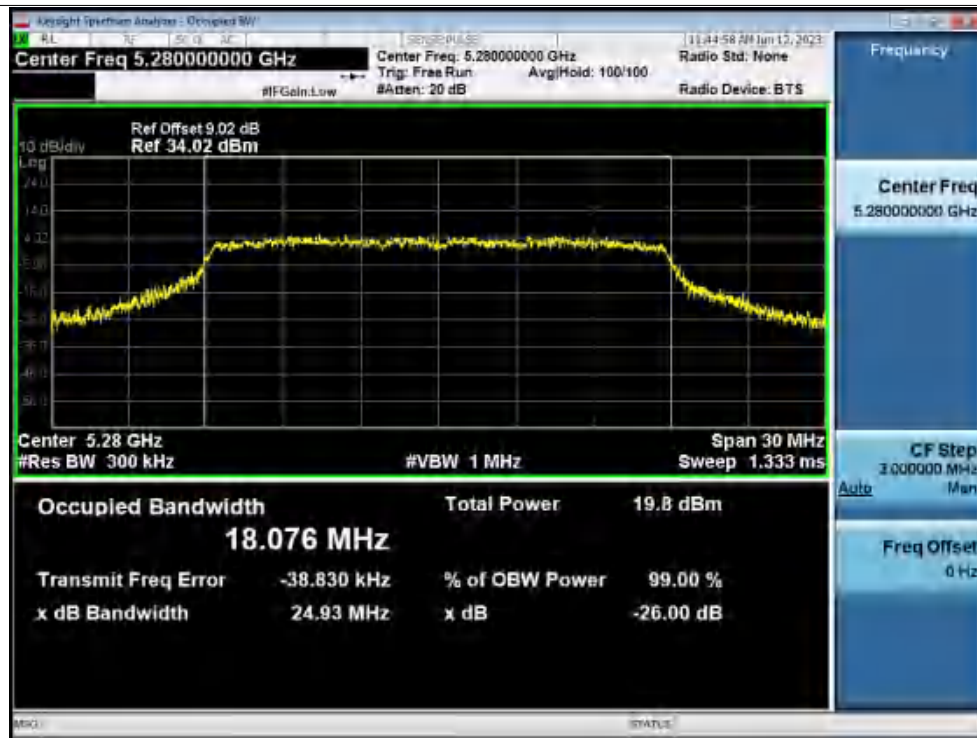
-26dB Bandwidth NVNT a 5320MHz Ant1



-26dB Bandwidth NVNT n20 5260MHz Ant1



-26dB Bandwidth NVNT n20 5280MHz Ant1



-26dB Bandwidth NVNT n20 5320MHz Ant1



-26dB Bandwidth NVNT n40 5270MHz Ant1



-26dB Bandwidth NVNT n40 5310MHz Ant1



-26dB Bandwidth NVNT ac20 5260MHz Ant1



-26dB Bandwidth NVNT ac20 5280MHz Ant1



-26dB Bandwidth NVNT ac20 5320MHz Ant1



-26dB Bandwidth NVNT ac40 5270MHz Ant1





-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ax20 5260MHz Ant1



-26dB Bandwidth NVNT ax20 5280MHz Ant1



-26dB Bandwidth NVNT ax20 5320MHz Ant1



-26dB Bandwidth NVNT ax40 5270MHz Ant1



-26dB Bandwidth NVNT ax40 5310MHz Ant1



## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.896
NVNT	a	5280	Ant1	16.637
NVNT	a	5320	Ant1	16.641
NVNT	n20	5260	Ant1	18.159
NVNT	n20	5280	Ant1	17.868
NVNT	n20	5320	Ant1	17.9
NVNT	n40	5270	Ant1	36.425
NVNT	n40	5310	Ant1	36.487
NVNT	ac20	5260	Ant1	18.213
NVNT	ac20	5280	Ant1	17.888
NVNT	ac20	5320	Ant1	17.893
NVNT	ac40	5270	Ant1	36.415
NVNT	ac40	5310	Ant1	36.47
NVNT	ax20	5260	Ant1	19.167
NVNT	ax20	5280	Ant1	19.076
NVNT	ax20	5320	Ant1	19.085
NVNT	ax40	5270	Ant1	37.873
NVNT	ax40	5310	Ant1	37.828

## Test Graphs

OBW NVNT a 5260MHz Ant1



OBW NVNT a 5280MHz Ant1



OBW NVNT a 5320MHz Ant1



OBW NVNT n20 5260MHz Ant1



OBW NVNT n20 5280MHz Ant1



OBW NVNT n20 5320MHz Ant1





OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1



OBW NVNT ac20 5260MHz Ant1



OBW NVNT ac20 5280MHz Ant1



OBW NVNT ac20 5320MHz Ant1



OBW NVNT ac40 5270MHz Ant1



OBW NVNT ac40 5310MHz Ant1



OBW NVNT ax20 5260MHz Ant1



OBW NVNT ax20 5280MHz Ant1



OBW NVNT ax20 5320MHz Ant1



OBW NVNT ax40 5270MHz Ant1



OBW NVNT ax40 5310MHz 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	5260	Ant1	12.49	0	12.49	24	17.33	<=30	Pass
NVNT	a	5280	Ant1	14.01	0.12	14.13	24	18.85	<=30	Pass
NVNT	a	5320	Ant1	14.43	0	14.43	24	19.27	<=30	Pass
NVNT	n20	5260	Ant1	12.34	0.63	12.97	24	17.18	<=30	Pass
NVNT	n20	5280	Ant1	13.93	0.23	14.16	24	18.77	<=30	Pass
NVNT	n20	5320	Ant1	14.44	0.43	14.87	24	19.28	<=30	Pass
NVNT	n40	5270	Ant1	13.02	0.87	13.89	24	17.86	<=30	Pass
NVNT	n40	5310	Ant1	13.39	0.76	14.15	24	18.23	<=30	Pass
NVNT	ac20	5260	Ant1	12.21	0.19	12.4	24	17.05	<=30	Pass
NVNT	ac20	5280	Ant1	13.95	0.23	14.18	24	18.79	<=30	Pass
NVNT	ac20	5320	Ant1	14.29	0.25	14.54	24	19.13	<=30	Pass
NVNT	ac40	5270	Ant1	12.59	0.82	13.41	24	17.43	<=30	Pass
NVNT	ac40	5310	Ant1	13.07	0.58	13.65	24	17.91	<=30	Pass
NVNT	ax20	5260	Ant1	12.36	0.2	12.56	24	17.20	<=30	Pass
NVNT	ax20	5280	Ant1	13.92	0.12	14.04	24	18.76	<=30	Pass
NVNT	ax20	5320	Ant1	14.45	0.37	14.82	24	19.29	<=30	Pass
NVNT	ax40	5270	Ant1	12.51	0.87	13.38	24	17.35	<=30	Pass
NVNT	ax40	5310	Ant1	13.08	0.33	13.41	24	17.92	<=30	Pass
Note1: Antenna Gain: 4.84dBi;										
Note2: E.I.R.P = Measured Power + Antenna Gain										

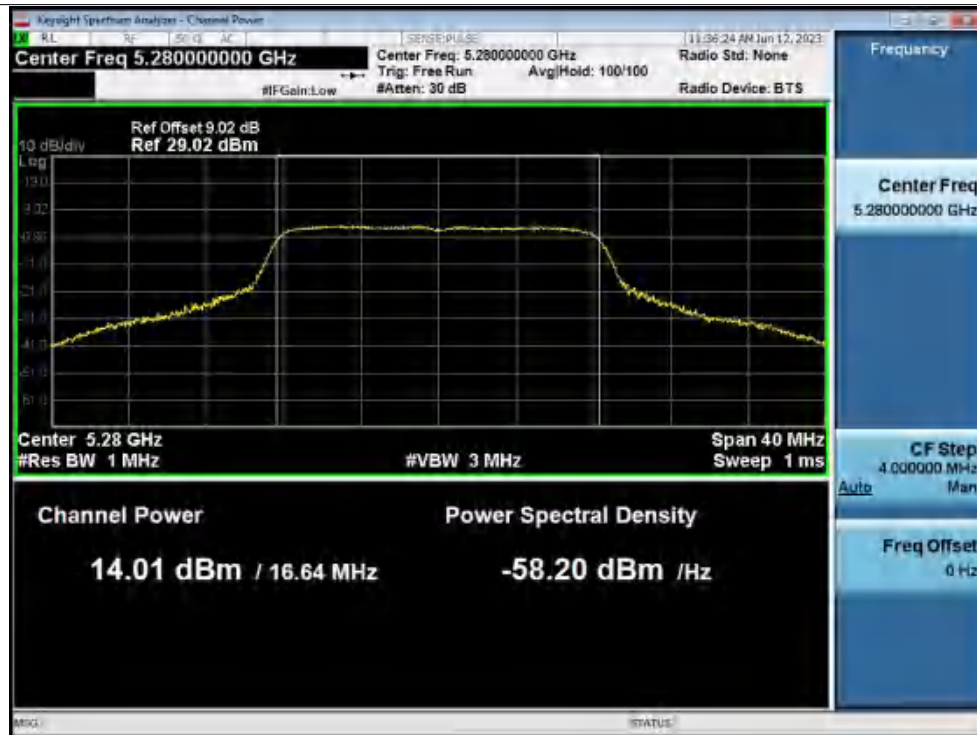


## Test Graphs

Power NVNT a 5260MHz Ant1



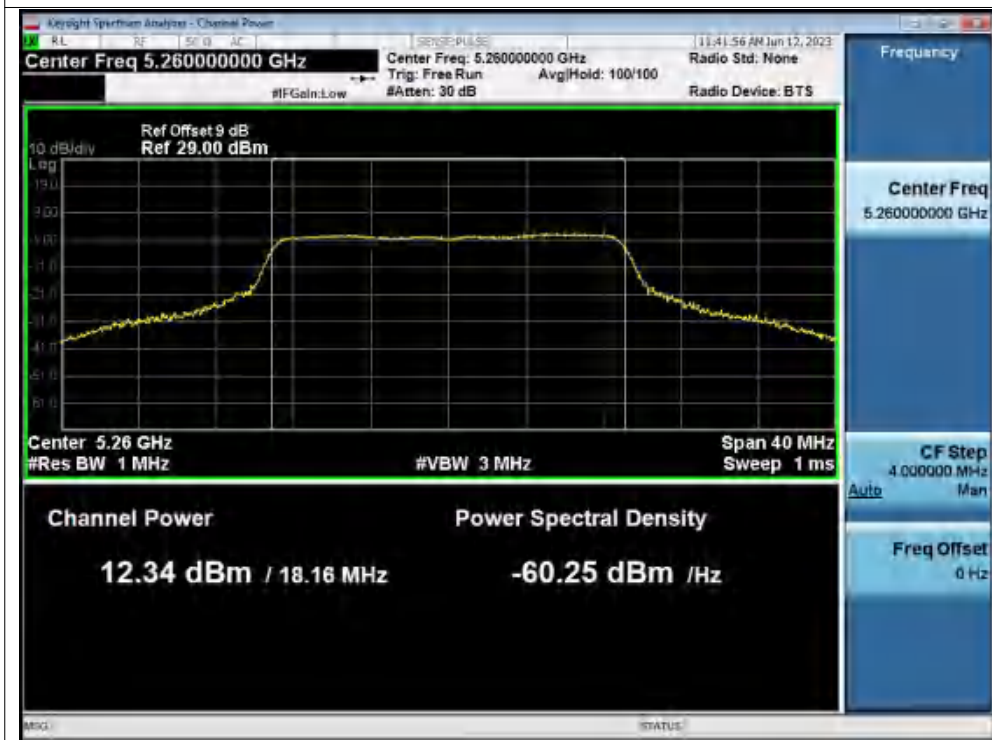
Power NVNT a 5280MHz Ant1



Power NVNT a 5320MHz Ant1



Power NVNT n20 5260MHz Ant1



Power NVNT n20 5280MHz Ant1



Power NVNT n20 5320MHz Ant1



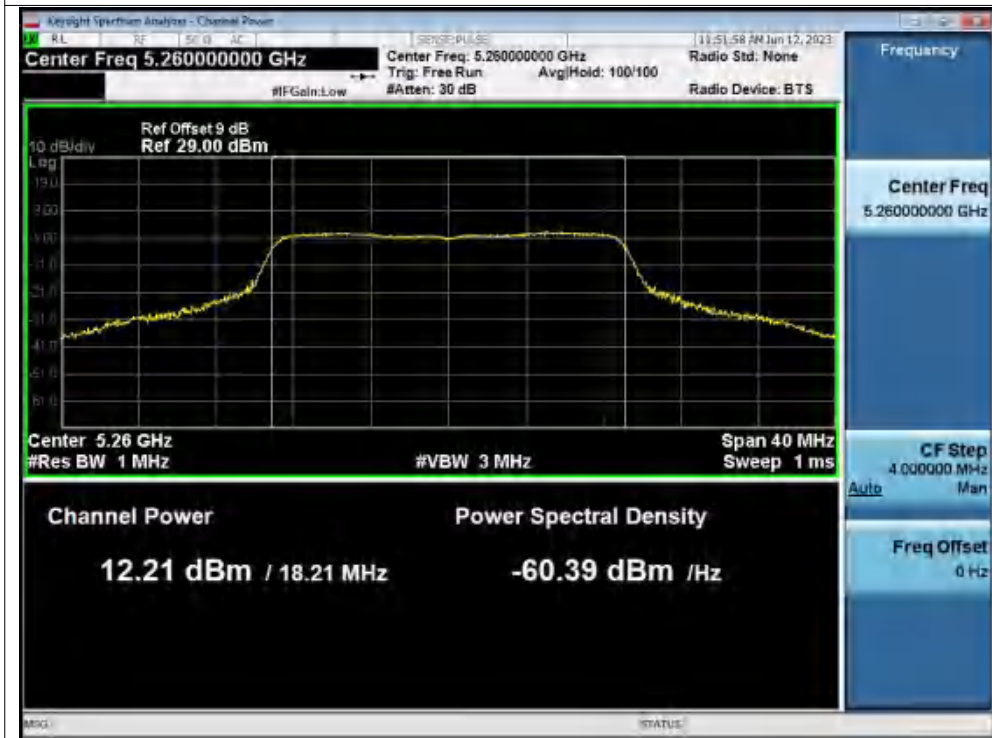
Power NVNT n40 5270MHz Ant1



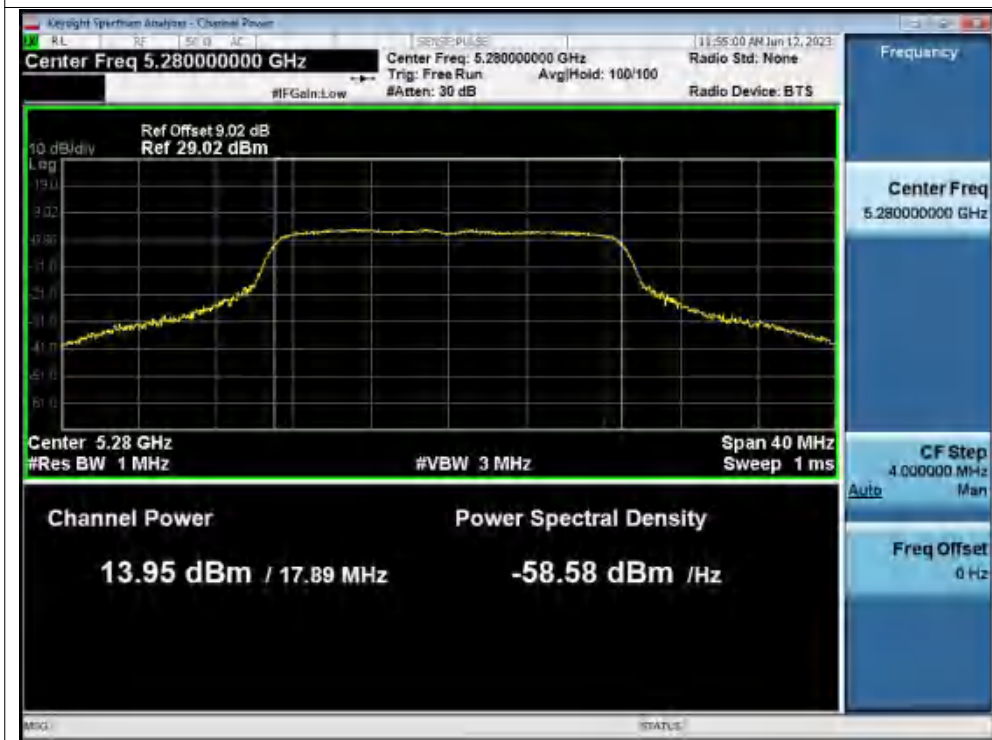
Power NVNT n40 5310MHz Ant1



Power NVNT ac20 5260MHz Ant1



Power NVNT ac20 5280MHz Ant1



Power NVNT ac20 5320MHz Ant1



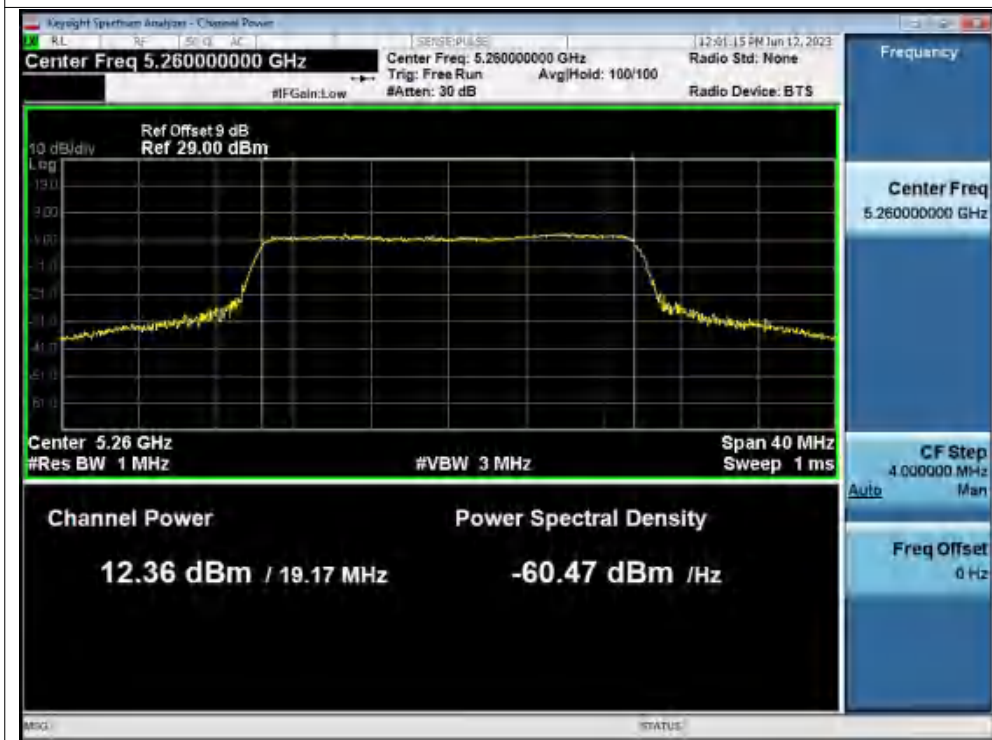
Power NVNT ac40 5270MHz Ant1



Power NVNT ac40 5310MHz Ant1



Power NVNT ax20 5260MHz Ant1



Power NVNT ax20 5280MHz Ant1





Power NVNT ax20 5320MHz Ant1



Power NVNT ax40 5270MHz Ant1



Power NVNT ax40 5310MHz Ant1



## 7.4 Maximum Power Spectral Density Level

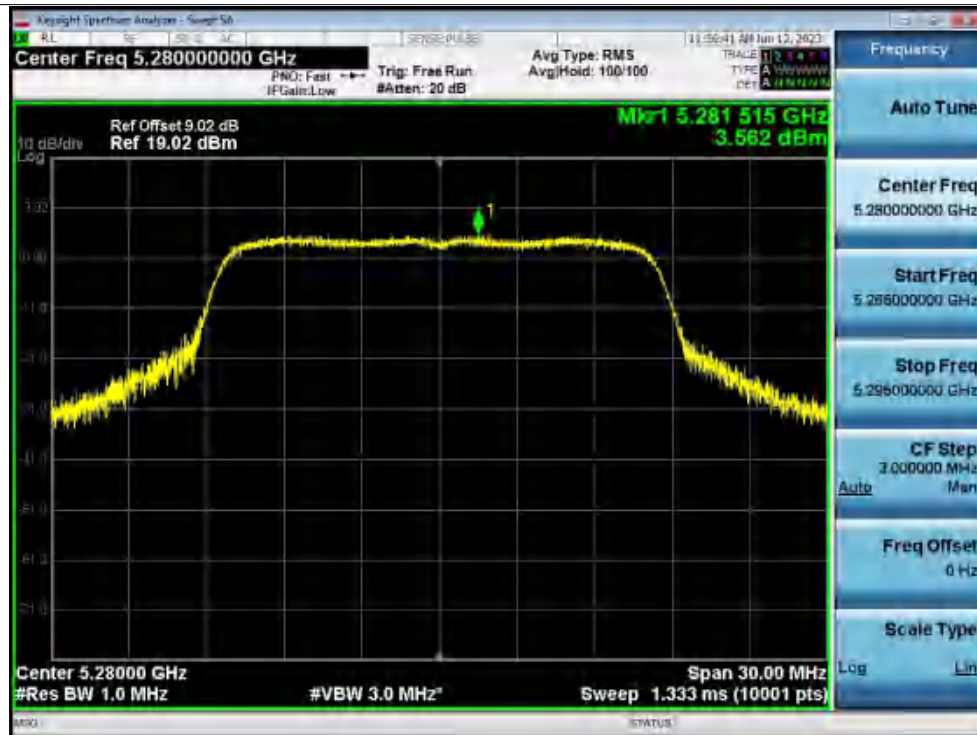
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	2.26	0.29	2.55	11	Pass
NVNT	a	5280	Ant1	3.56	0.12	3.68	11	Pass
NVNT	a	5320	Ant1	4.07	0	4.07	11	Pass
NVNT	n20	5260	Ant1	1.92	0.63	2.55	11	Pass
NVNT	n20	5280	Ant1	3.47	0.23	3.7	11	Pass
NVNT	n20	5320	Ant1	3.79	0.43	4.22	11	Pass
NVNT	n40	5270	Ant1	-0.19	0.87	0.68	11	Pass
NVNT	n40	5310	Ant1	0.43	0.76	1.19	11	Pass
NVNT	ac20	5260	Ant1	1.55	0.19	1.74	11	Pass
NVNT	ac20	5280	Ant1	3.25	0.23	3.48	11	Pass
NVNT	ac20	5320	Ant1	3.87	0.25	4.12	11	Pass
NVNT	ac40	5270	Ant1	-0.25	0.82	0.57	11	Pass
NVNT	ac40	5310	Ant1	0.12	0.58	0.7	11	Pass
NVNT	ax20	5260	Ant1	1.67	0.2	1.87	11	Pass
NVNT	ax20	5280	Ant1	3.17	0.12	3.29	11	Pass
NVNT	ax20	5320	Ant1	3.54	0.37	3.91	11	Pass
NVNT	ax40	5270	Ant1	-0.59	0.87	0.28	11	Pass
NVNT	ax40	5310	Ant1	-0.18	0.33	0.15	11	Pass

## Test Graphs

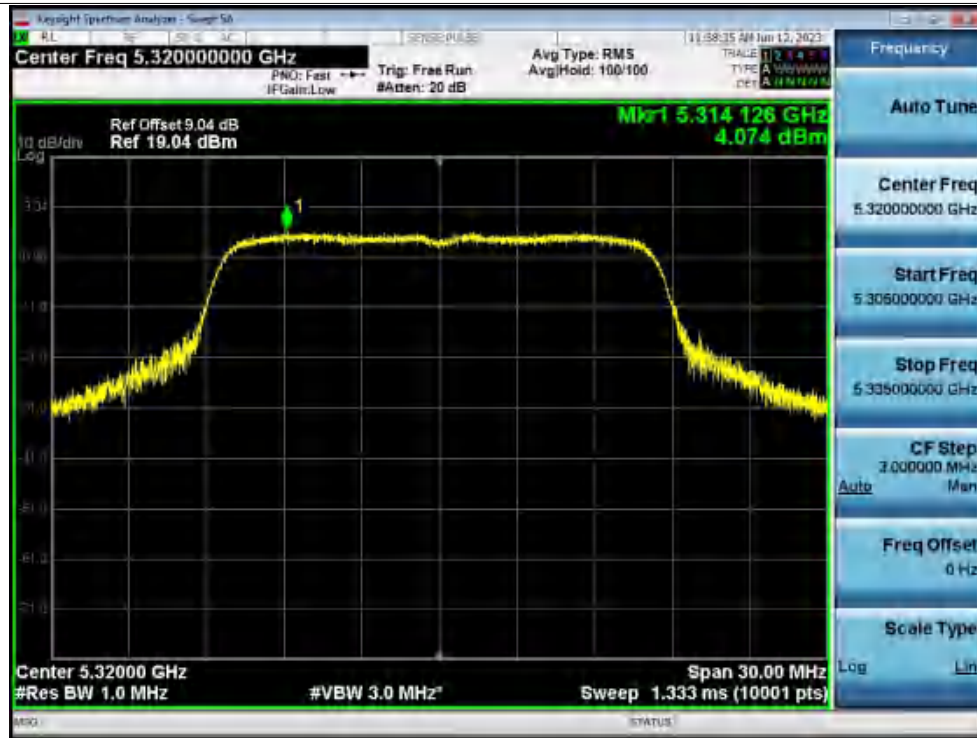
PSD NVNT a 5260MHz Ant1



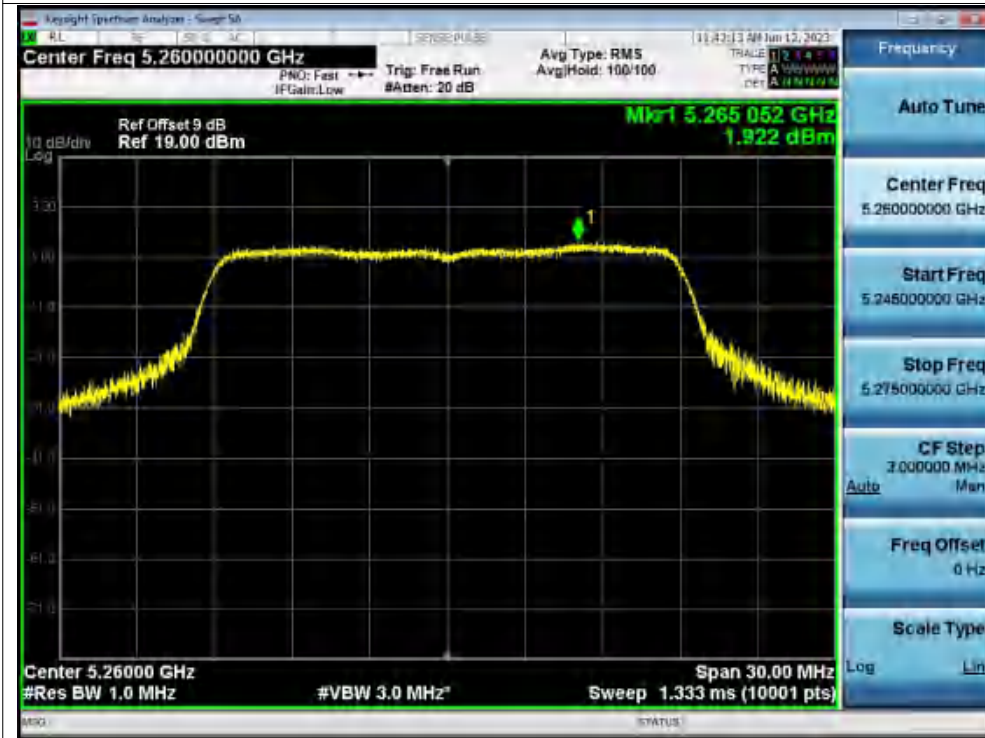
PSD NVNT a 5280MHz Ant1



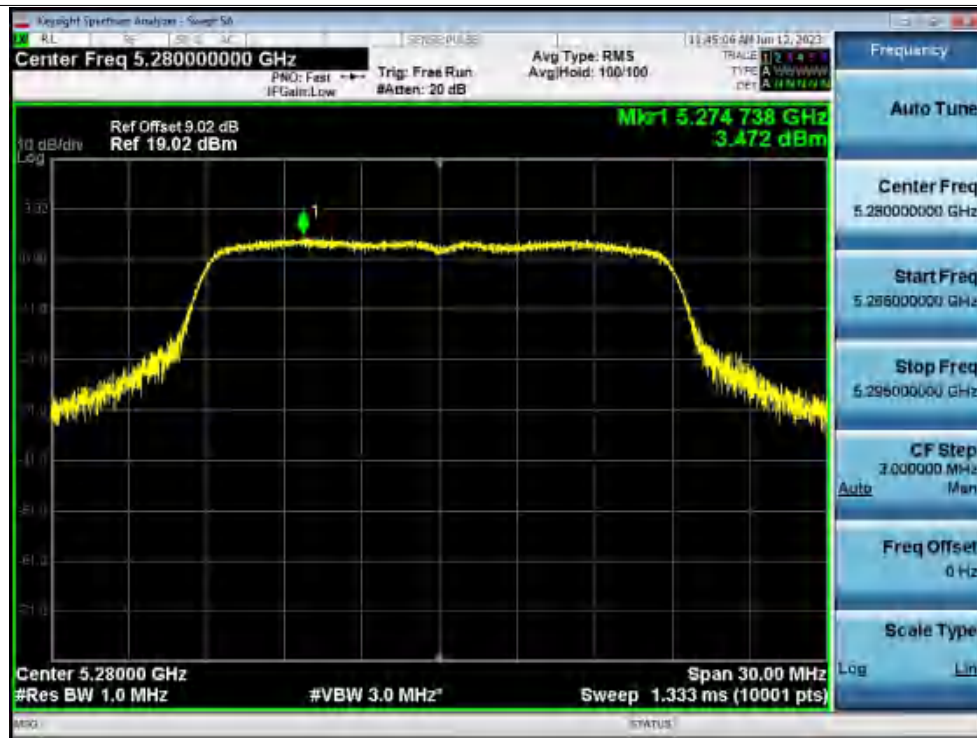
PSD NVNT a 5320MHz Ant1



PSD NVNT n20 5260MHz Ant1



PSD NVNT n20 5280MHz Ant1



PSD NVNT n20 5320MHz Ant1



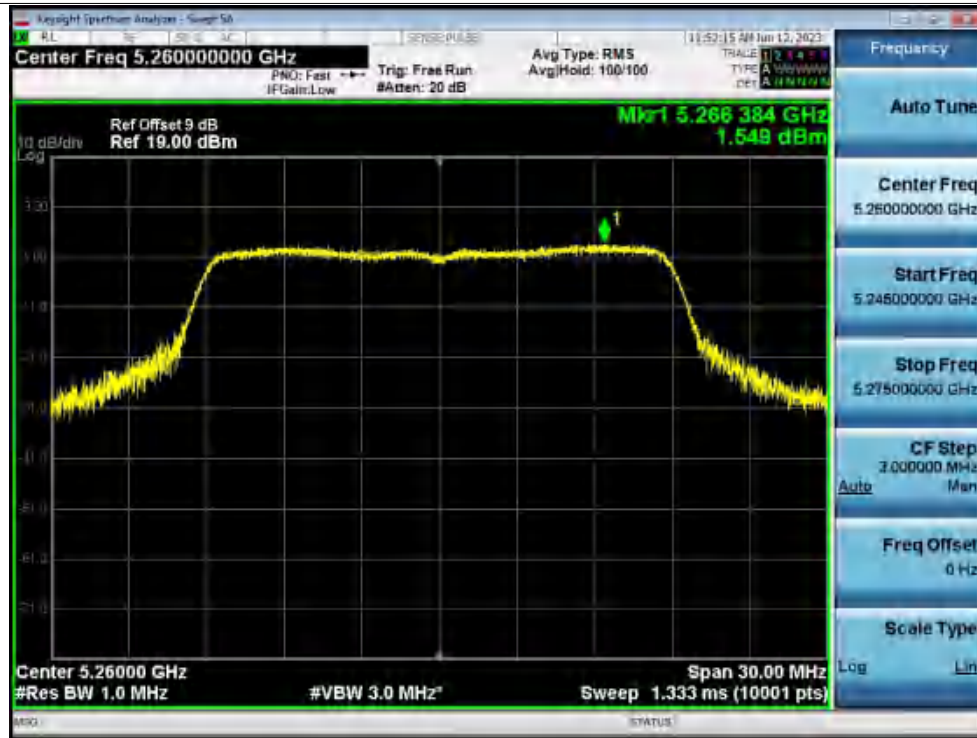
PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5310MHz Ant1



PSD NVNT ac20 5260MHz Ant1



PSD NVNT ac20 5280MHz Ant1





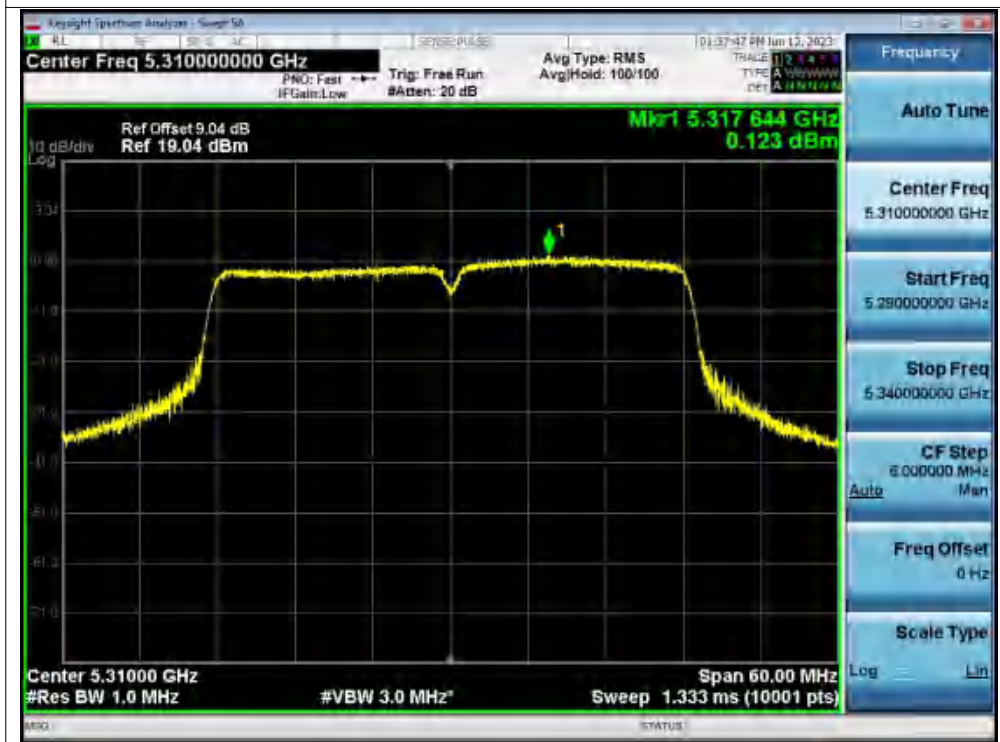
PSD NVNT ac20 5320MHz Ant1



PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



PSD NVNT ax20 5260MHz Ant1



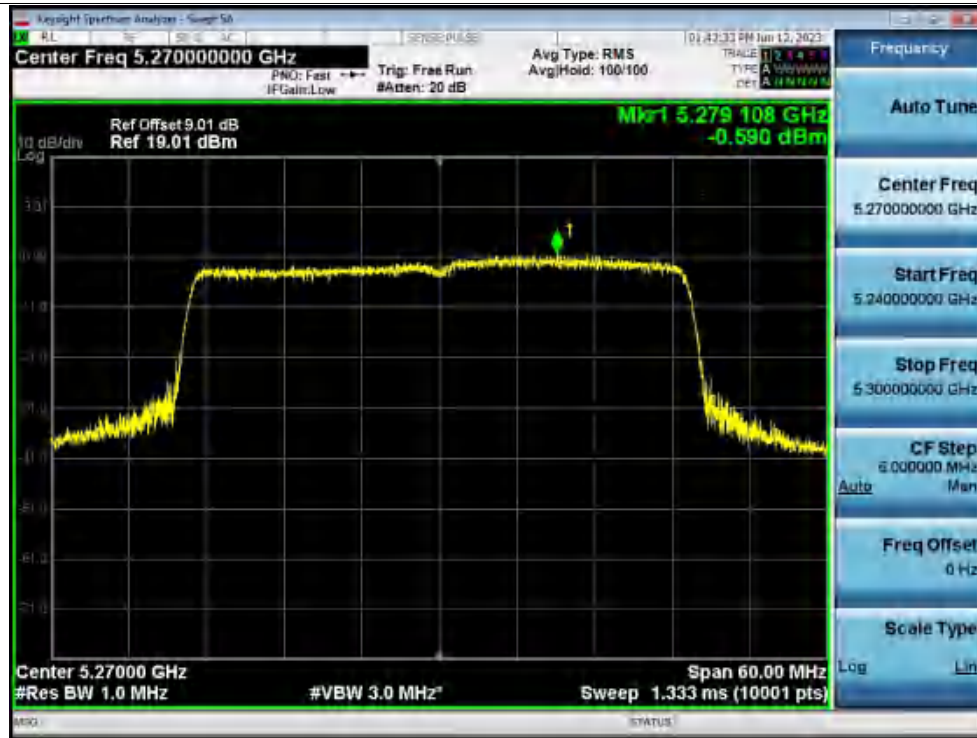
PSD NVNT ax20 5280MHz Ant1



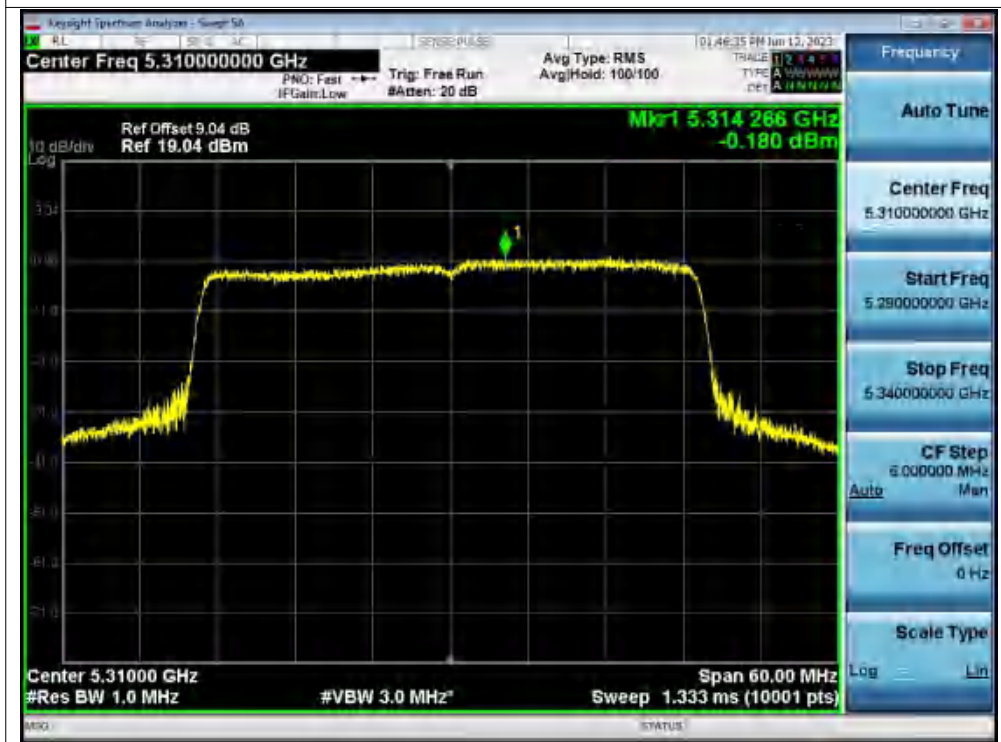
PSD NVNT ax20 5320MHz Ant1



PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz 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	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 120V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 138V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-20C 120V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-10C 120V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0C 120V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
10C 120V	a	0	5260	Ant1	5260	0	0	25	Pass
30C 120V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
40C 120V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 120V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 102V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
20C 120V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
20C 138V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
-20C 120V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
-10C 120V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
0C 120V	a	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10C 120V	a	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
30C 120V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
40C 120V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
50C 120V	a	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 102V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 120V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 138V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
-20C 120V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
-10C 120V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0C 120V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
10C 120V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
30C 120V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
40C 120V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
50C 120V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 102V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 120V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 138V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-20C 120V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-10C 120V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0C 120V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
10C 120V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass

30C 120V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
40C 120V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 120V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 102V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 120V	n20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
20C 138V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
-20C 120V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
-10C 120V	n20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
0C 120V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10C 120V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
30C 120V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40C 120V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
50C 120V	n20	0	5280	Ant1	5280	0	0	25	Pass
20C 102V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 120V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 138V	n20	0	5320	Ant1	5320	0	0	25	Pass
-20C 120V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
-10C 120V	n20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0C 120V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
10C 120V	n20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30C 120V	n20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
40C 120V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
50C 120V	n20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 102V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 120V	n40	0	5270	Ant1	5270	0	0	25	Pass
20C 138V	n40	0	5270	Ant1	5270	0	0	25	Pass
-20C 120V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-10C 120V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
0C 120V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
10C 120V	n40	0	5270	Ant1	5270	0	0	25	Pass
30C 120V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40C 120V	n40	0	5270	Ant1	5270	0	0	25	Pass
50C 120V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 102V	n40	0	5310	Ant1	5310	0	0	25	Pass
20C 120V	n40	0	5310	Ant1	5310	0	0	25	Pass
20C 138V	n40	0	5310	Ant1	5310	0	0	25	Pass
-20C 120V	n40	0	5310	Ant1	5310	0	0	25	Pass
-10C 120V	n40	0	5310	Ant1	5310	0	0	25	Pass
0C 120V	n40	0	5310	Ant1	5310	0	0	25	Pass
10C 120V	n40	0	5310	Ant1	5310	0	0	25	Pass
30C 120V	n40	0	5310	Ant1	5310	0	0	25	Pass



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40C 120V	n40	0	5310	Ant1	5310	0	0	25	Pass
50C 120V	n40	0	5310	Ant1	5310	0	0	25	Pass
20C 102V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 120V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 138V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-20C 120V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-10C 120V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0C 120V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
10C 120V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
30C 120V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
40C 120V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 120V	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 102V	ac20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 120V	ac20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 138V	ac20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
-20C 120V	ac20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
-10C 120V	ac20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
0C 120V	ac20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10C 120V	ac20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
30C 120V	ac20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
40C 120V	ac20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
50C 120V	ac20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
20C 102V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 120V	ac20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 138V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
-20C 120V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
-10C 120V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0C 120V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
10C 120V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30C 120V	ac20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
40C 120V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
50C 120V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 102V	ac40	0	5270	Ant1	5270	0	0	25	Pass
20C 120V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 138V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-20C 120V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-10C 120V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
0C 120V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
10C 120V	ac40	0	5270	Ant1	5270	0	0	25	Pass
30C 120V	ac40	0	5270	Ant1	5270	0	0	25	Pass
40C 120V	ac40	0	5270	Ant1	5270	0	0	25	Pass





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50C 120V	ac40	0	5270	Ant1	5270	0	0	25	Pass
20C 102V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 120V	ac40	0	5310	Ant1	5310	0	0	25	Pass
20C 138V	ac40	0	5310	Ant1	5310	0	0	25	Pass
-20C 120V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-10C 120V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0C 120V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
10C 120V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30C 120V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
40C 120V	ac40	0	5310	Ant1	5310	0	0	25	Pass
50C 120V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 102V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 120V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 138V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-20C 120V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-10C 120V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0C 120V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
10C 120V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
30C 120V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
40C 120V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 120V	ax20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 102V	ax20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 120V	ax20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 138V	ax20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
-20C 120V	ax20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
-10C 120V	ax20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
0C 120V	ax20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10C 120V	ax20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
30C 120V	ax20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40C 120V	ax20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
50C 120V	ax20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 102V	ax20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 120V	ax20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 138V	ax20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
-20C 120V	ax20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
-10C 120V	ax20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0C 120V	ax20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
10C 120V	ax20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
30C 120V	ax20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
40C 120V	ax20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
50C 120V	ax20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass



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20C 102V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 120V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 138V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-20C 120V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-10C 120V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
0C 120V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
10C 120V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
30C 120V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40C 120V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
50C 120V	ax40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 102V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 120V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 138V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-20C 120V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-10C 120V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0C 120V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
10C 120V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30C 120V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
40C 120V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
50C 120V	ax40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass



Freq. Stability 20C 138V a 5260MHz Ant1 0 Minutes



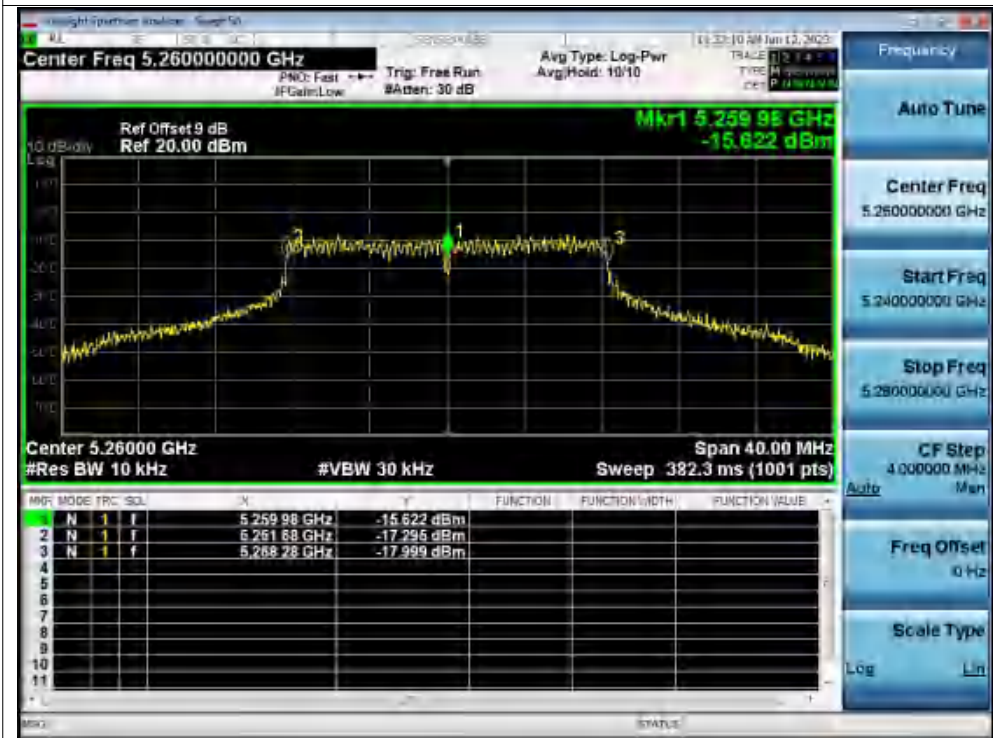
Freq. Stability -20C 120V a 5260MHz Ant1 0 Minutes



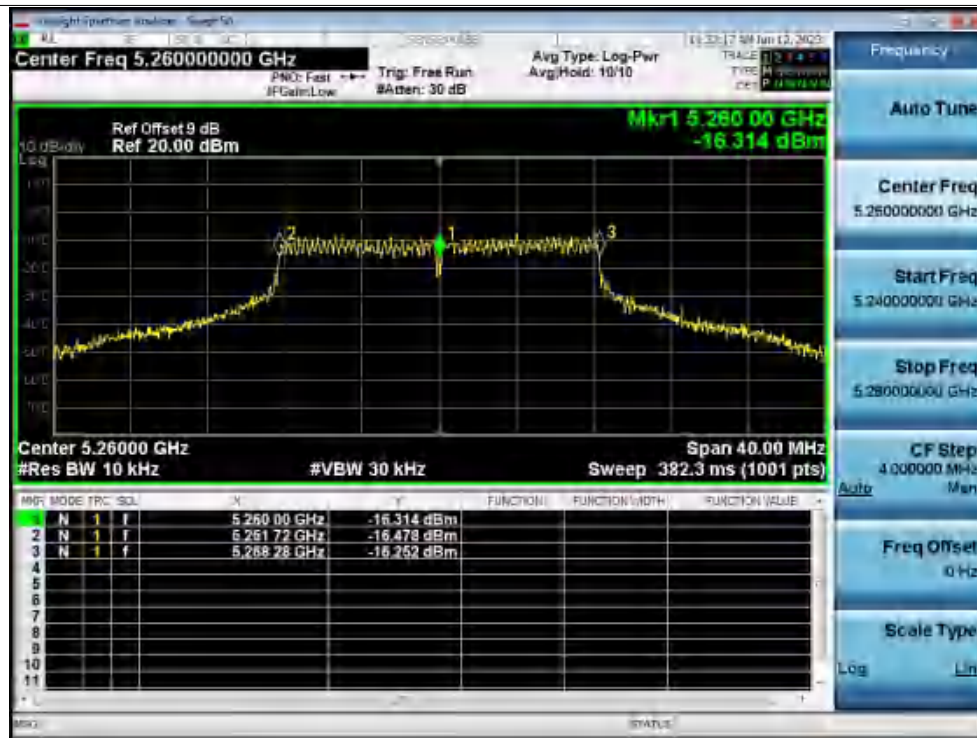
Freq. Stability -10C 120V a 5260MHz Ant1 0 Minutes



Freq. Stability 0C 120V a 5260MHz Ant1 0 Minutes



Freq. Stability 10C 120V a 5260MHz Ant1 0 Minutes



Freq. Stability 30C 120V a 5260MHz Ant1 0 Minutes



Freq. Stability 40C 120V a 5260MHz Ant1 0 Minutes



Freq. Stability 50C 120V a 5260MHz Ant1 0 Minutes



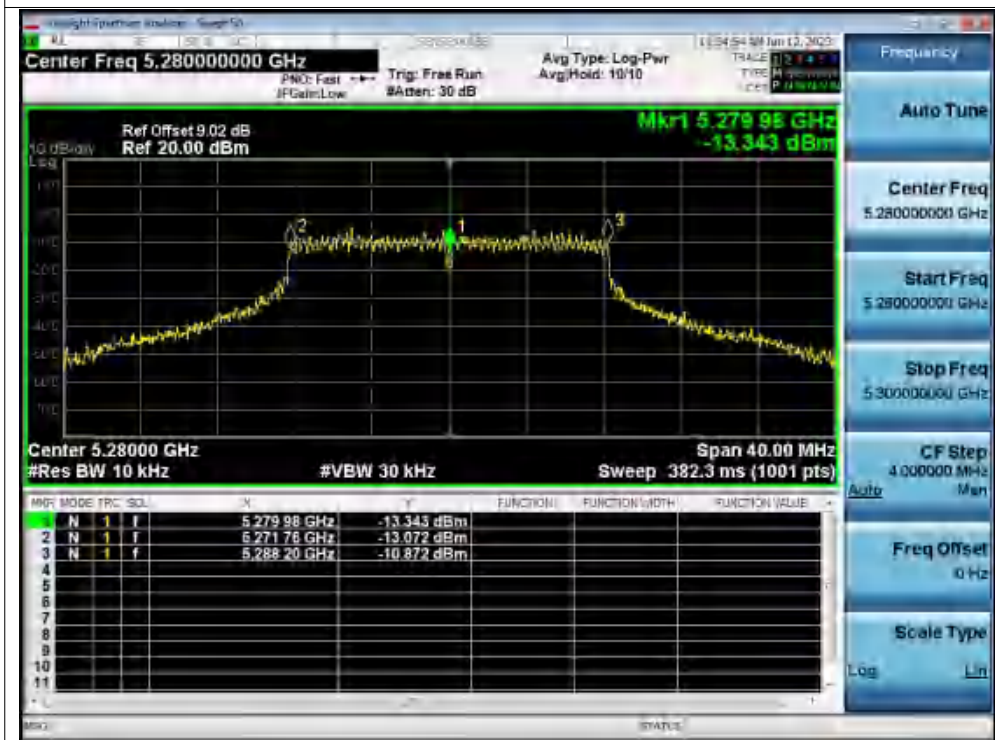




Freq. Stability 20C 138V a 5280MHz Ant1 0 Minutes



Freq. Stability -20C 120V a 5280MHz Ant1 0 Minutes



Freq. Stability -10C 120V a 5280MHz Ant1 0 Minutes



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Freq. Stability 10C 120V a 5280MHz Ant1 0 Minutes



Freq. Stability 30C 120V a 5280MHz Ant1 0 Minutes



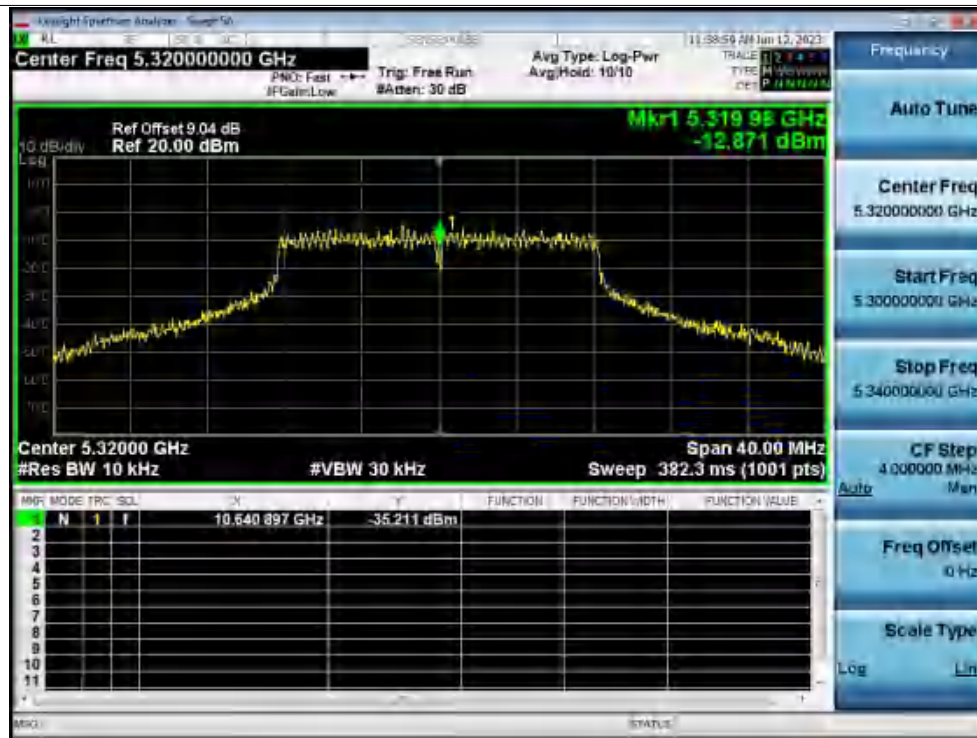
Freq. Stability 40C 120V a 5280MHz Ant1 0 Minutes



Freq. Stability 50C 120V a 5280MHz Ant1 0 Minutes



Freq. Stability 20C 102V a 5320MHz Ant1 0 Minutes



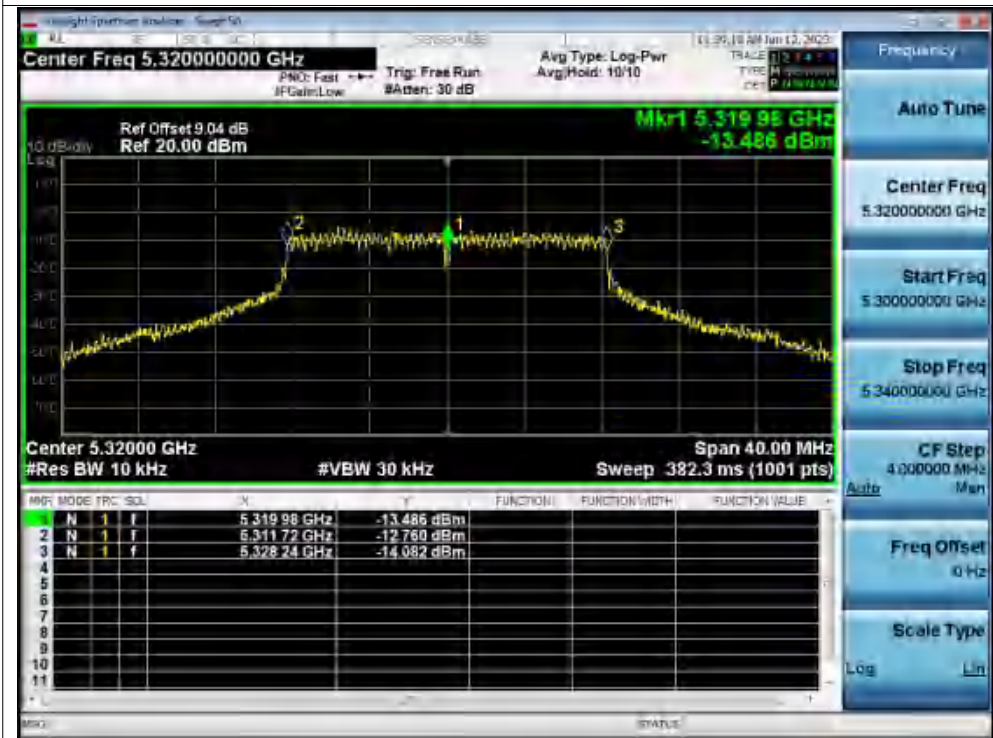
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Freq. Stability 20C 138V a 5320MHz Ant1 0 Minutes



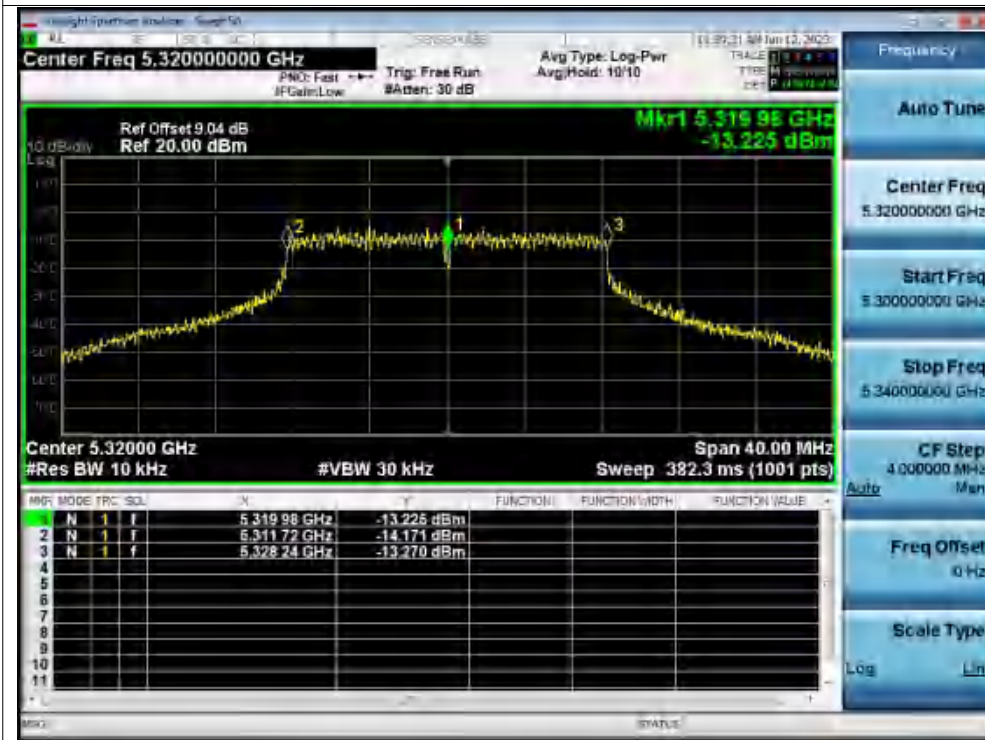
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Freq. Stability 0C 120V a 5320MHz Ant1 0 Minutes



Freq. Stability 10C 120V a 5320MHz Ant1 0 Minutes

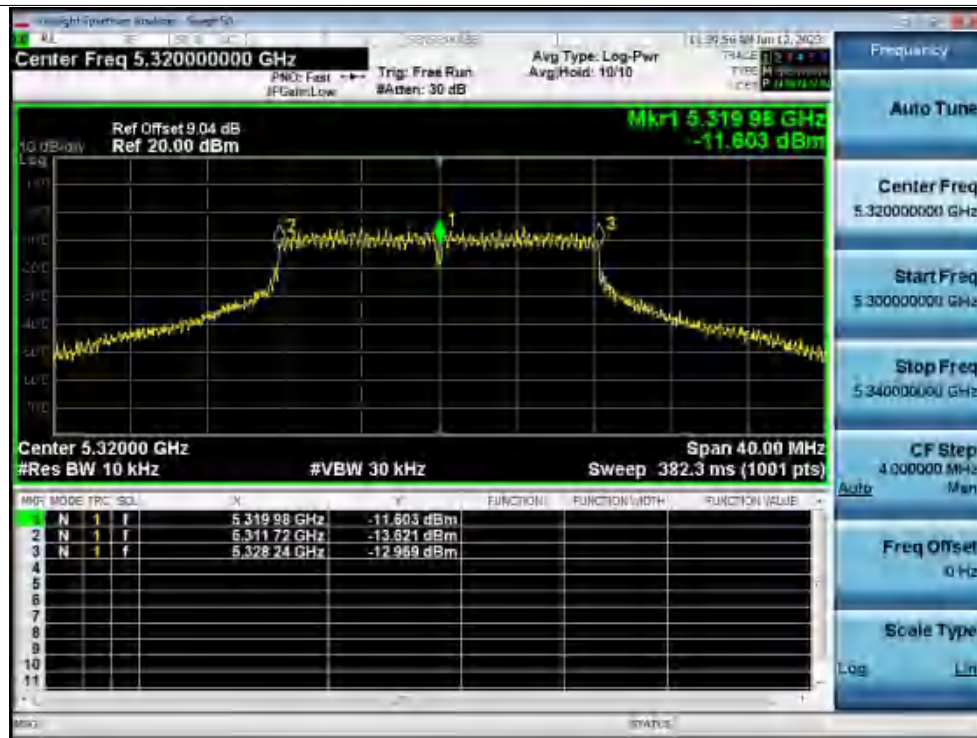


Freq. Stability 30C 120V a 5320MHz Ant1 0 Minutes





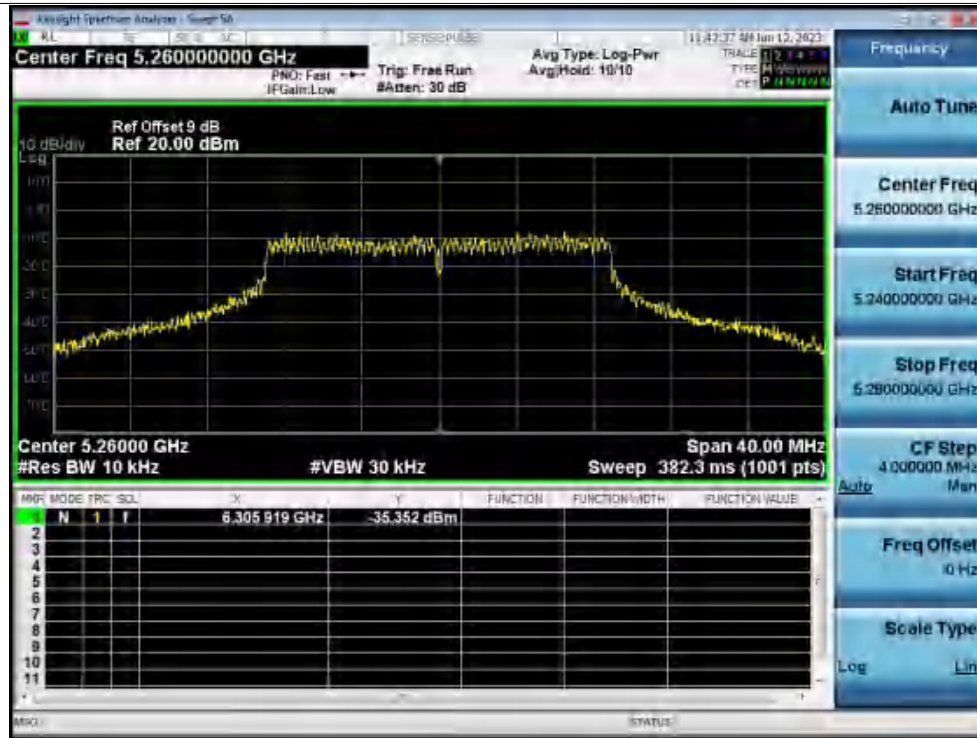
Freq. Stability 40C 120V a 5320MHz Ant1 0 Minutes



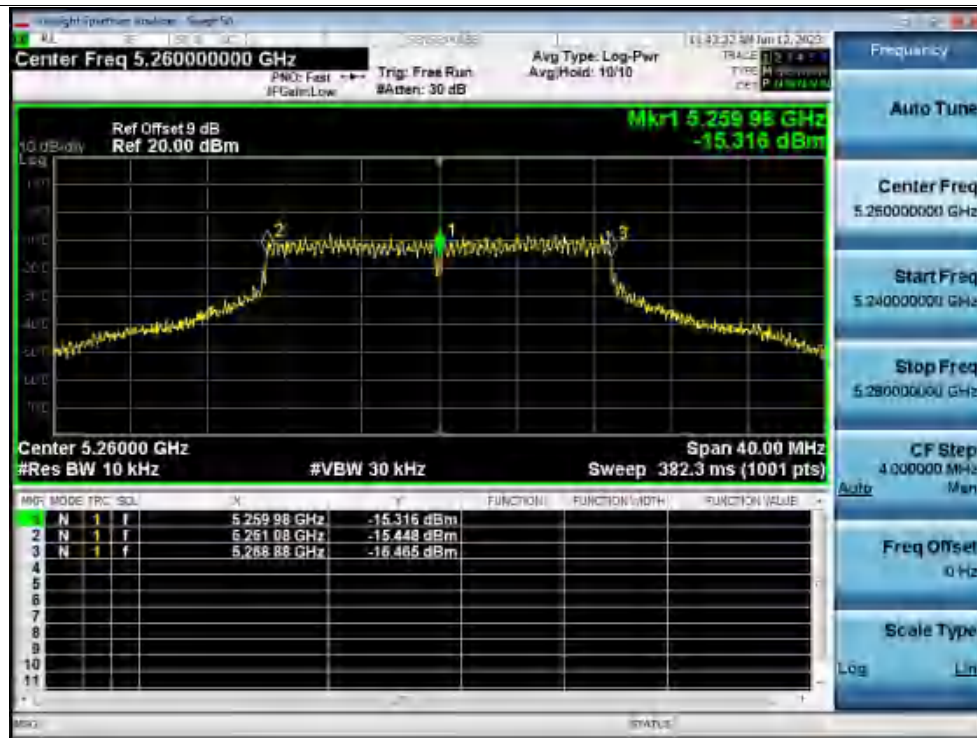
Freq. Stability 50C 120V a 5320MHz Ant1 0 Minutes



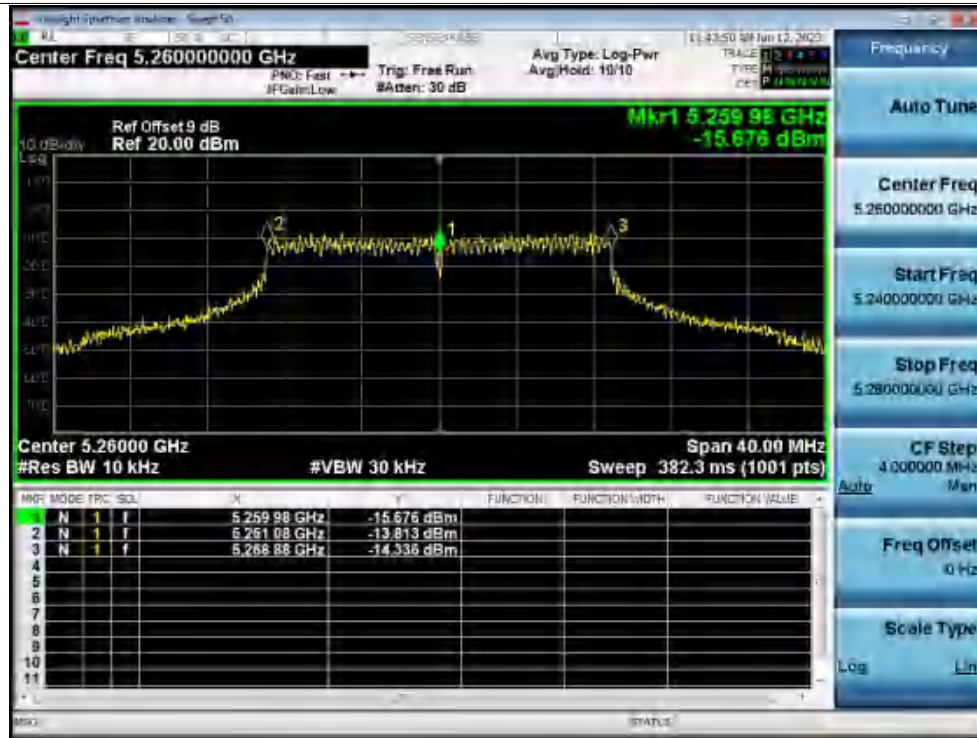
Freq. Stability 20C 102V n20 5260MHz Ant1 0 Minutes



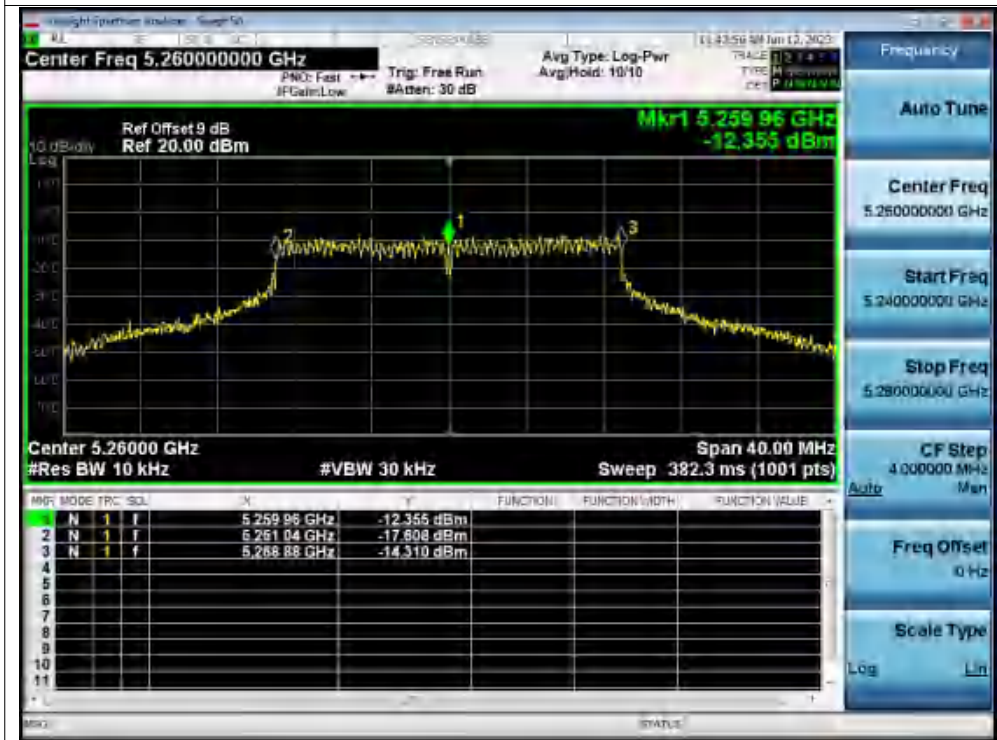
Freq. Stability 20C 120V n20 5260MHz Ant1 0 Minutes



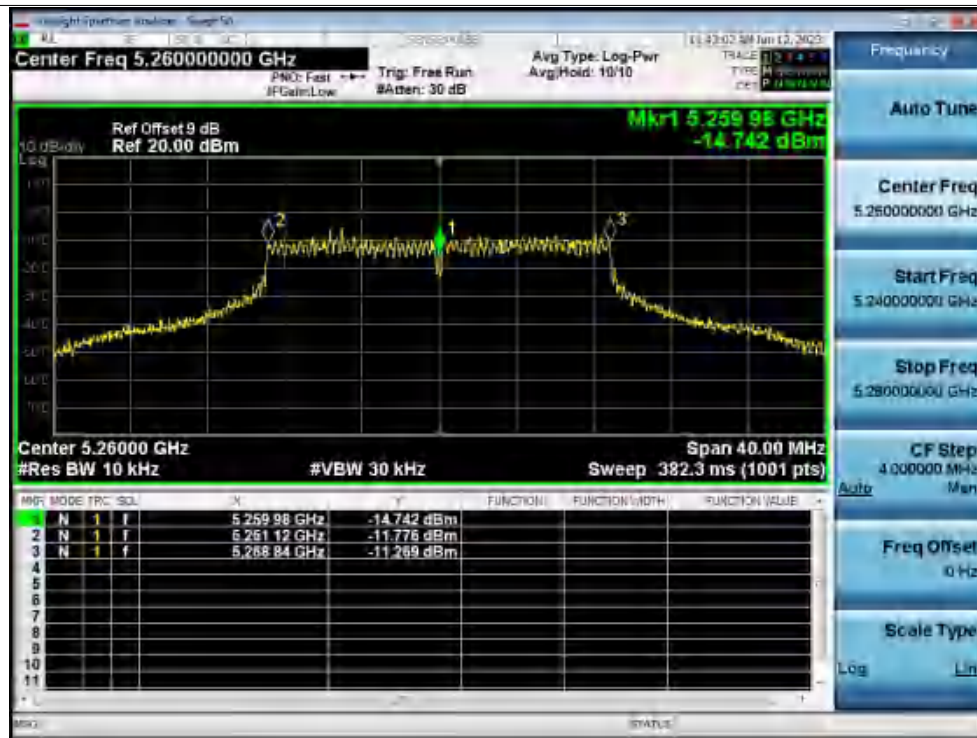
Freq. Stability 20C 138V n20 5260MHz Ant1 0 Minutes



Freq. Stability -20C 120V n20 5260MHz Ant1 0 Minutes



Freq. Stability -10C 120V n20 5260MHz Ant1 0 Minutes



Freq. Stability 0C 120V n20 5260MHz Ant1 0 Minutes



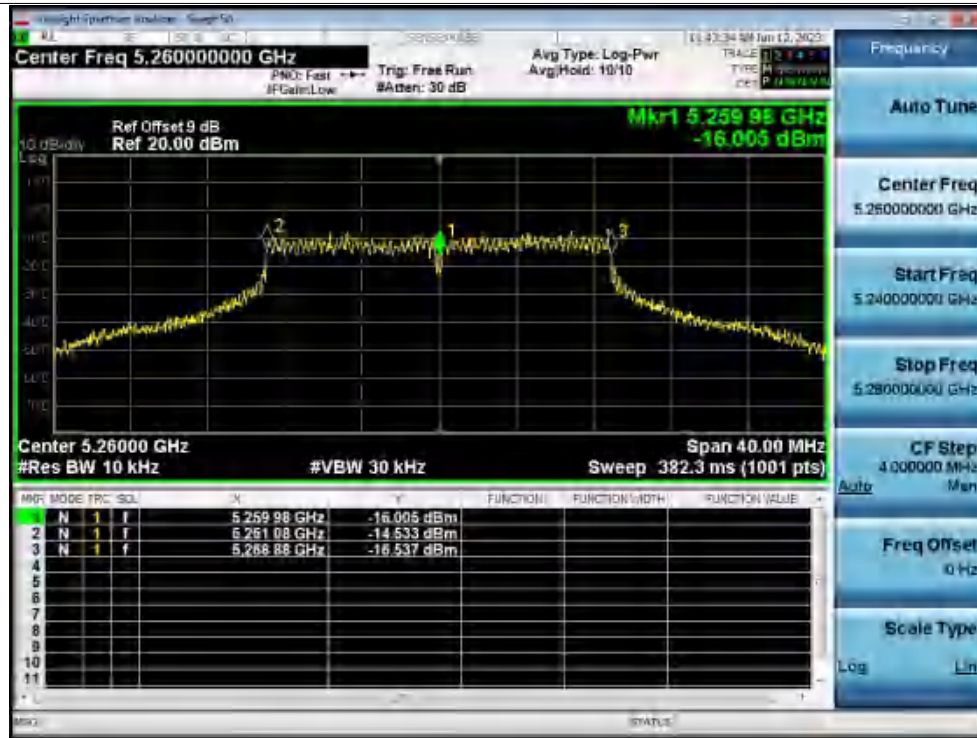
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Freq. Stability 30C 120V n20 5260MHz Ant1 0 Minutes



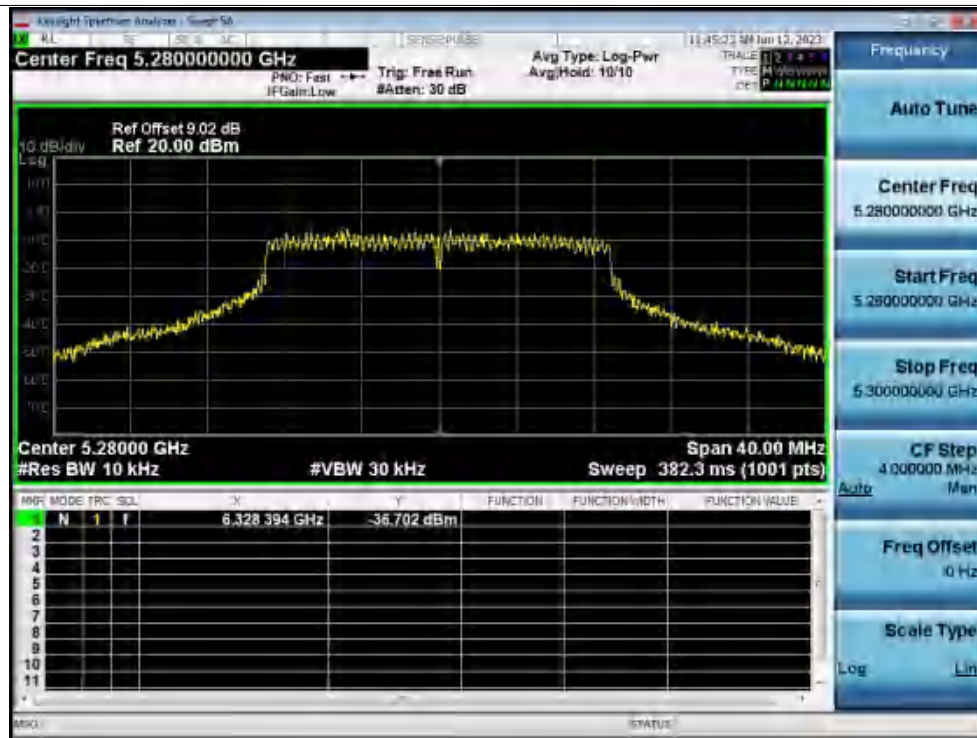
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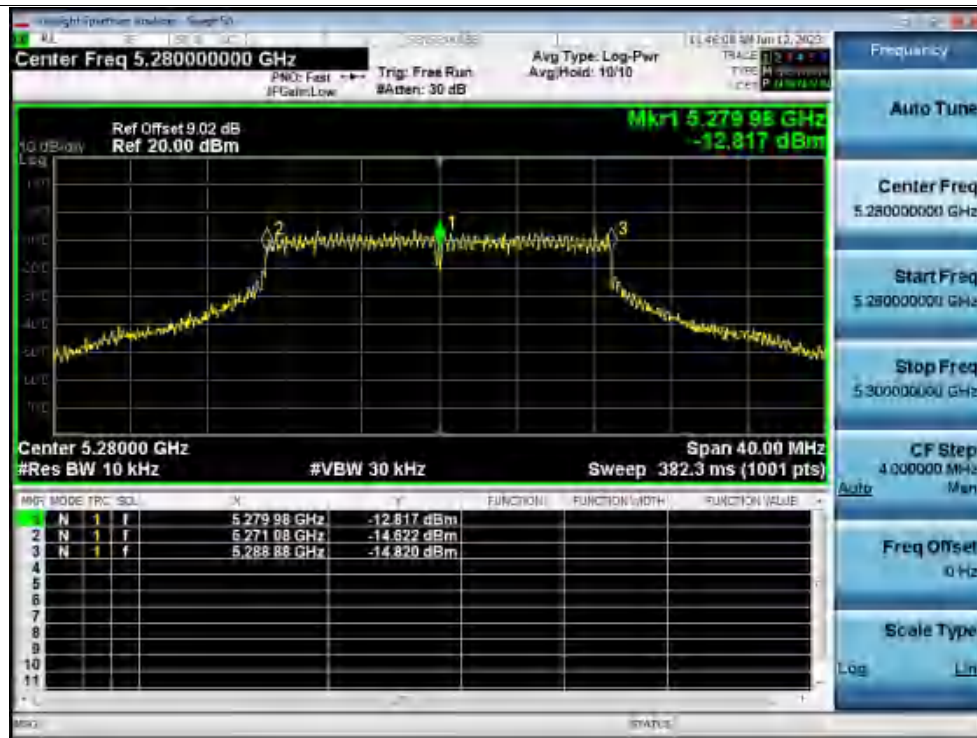
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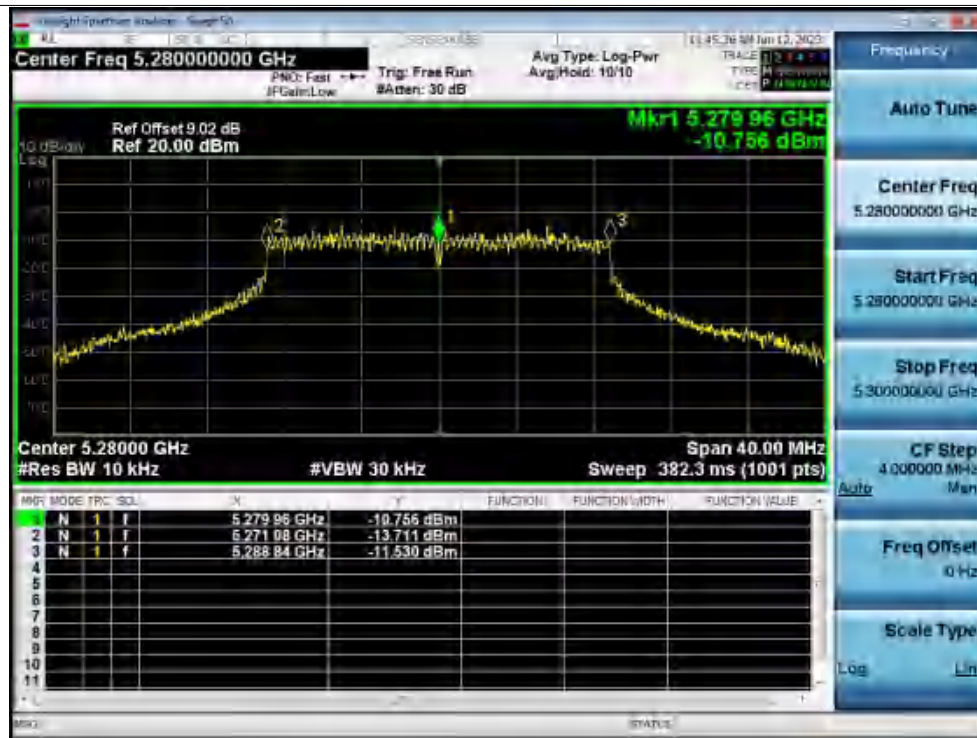
Freq. Stability 20C 102V n20 5280MHz Ant1 0 Minutes



Freq. Stability 20C 120V n20 5280MHz Ant1 0 Minutes



Freq. Stability 20C 138V n20 5280MHz Ant1 0 Minutes



Freq. Stability -20C 120V n20 5280MHz Ant1 0 Minutes

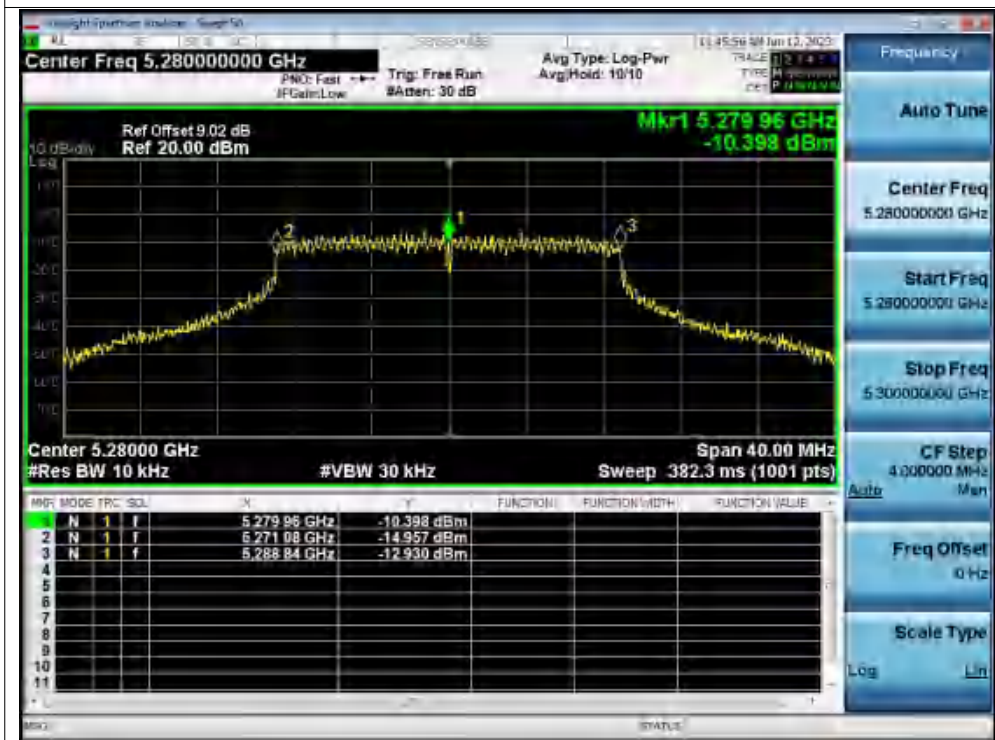




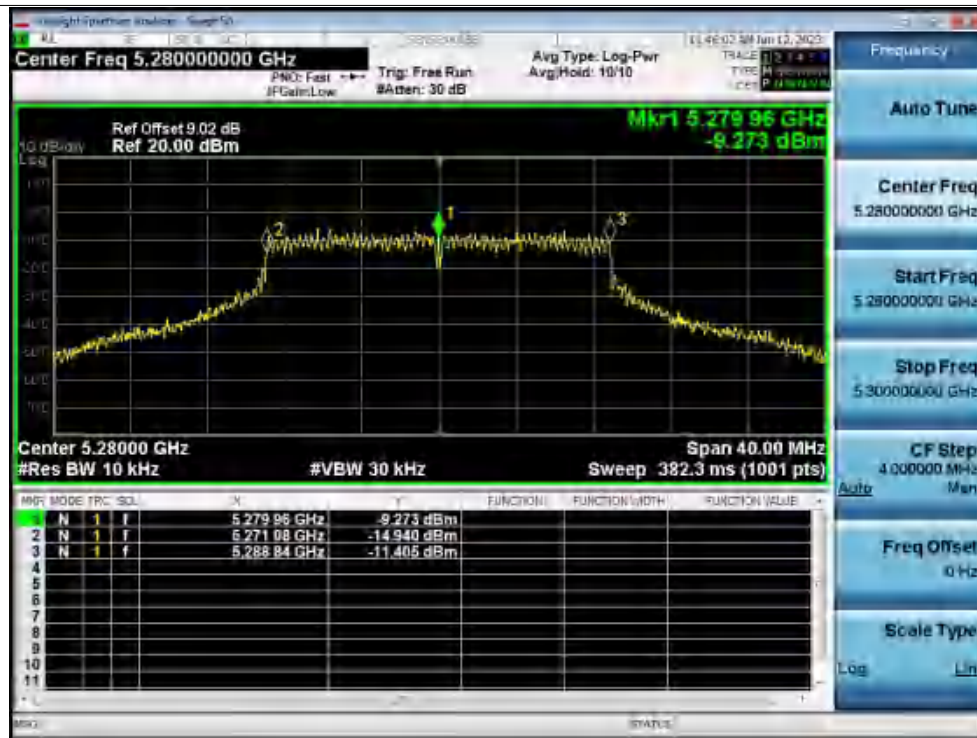
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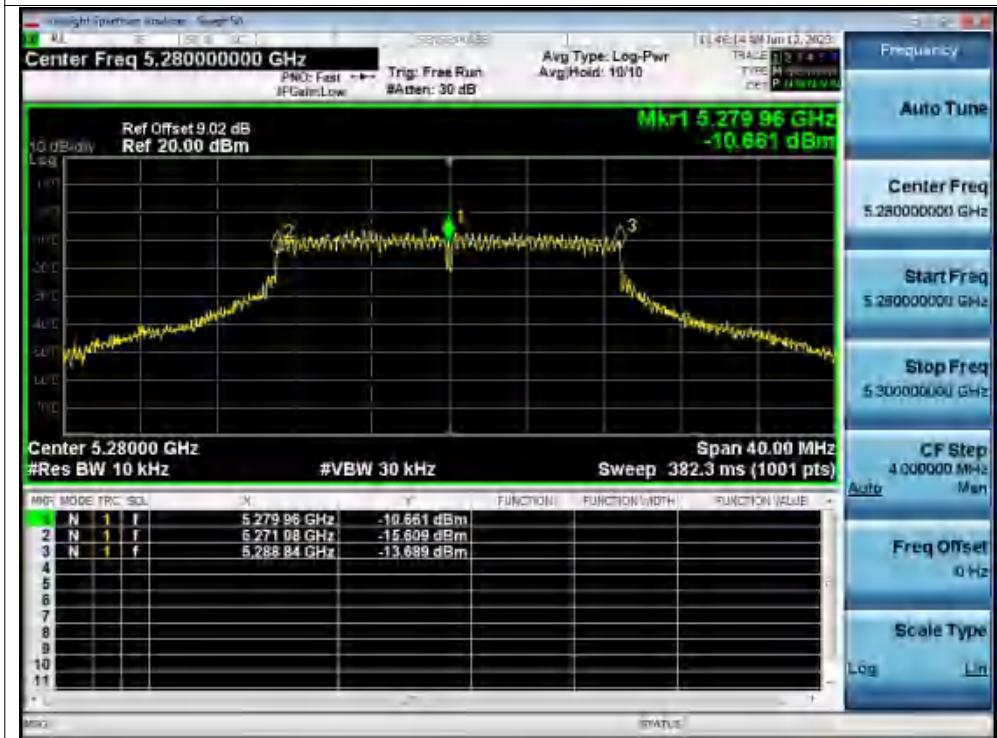
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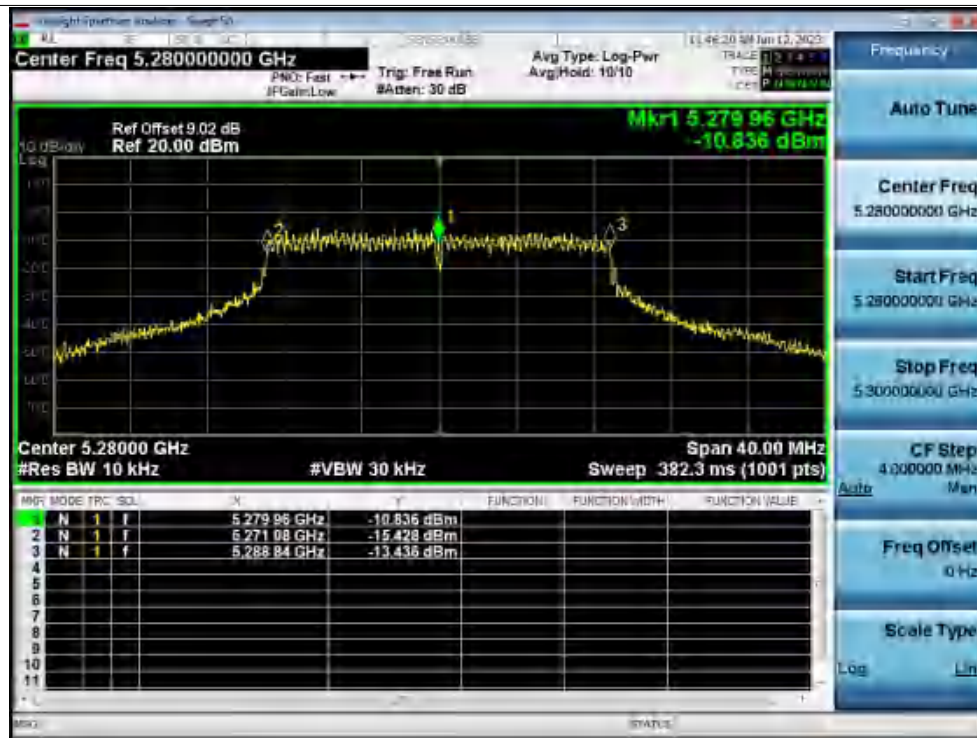
Freq. Stability 10C 120V n20 5280MHz Ant1 0 Minutes



Freq. Stability 30C 120V n20 5280MHz Ant1 0 Minutes



Freq. Stability 40C 120V n20 5280MHz Ant1 0 Minutes



Freq. Stability 50C 120V n20 5280MHz Ant1 0 Minutes





Freq. Stability 20C 138V n20 5320MHz Ant1 0 Minutes



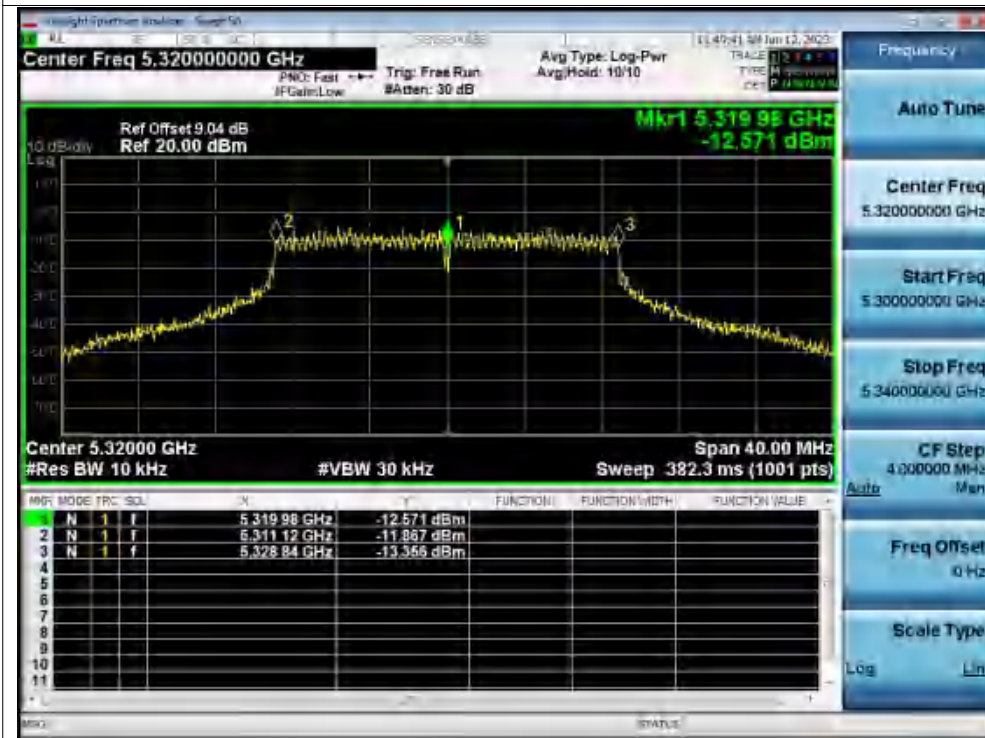
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Freq. Stability 0C 120V n20 5320MHz Ant1 0 Minutes



Freq. Stability 10C 120V n20 5320MHz Ant1 0 Minutes



Freq. Stability 30C 120V n20 5320MHz Ant1 0 Minutes



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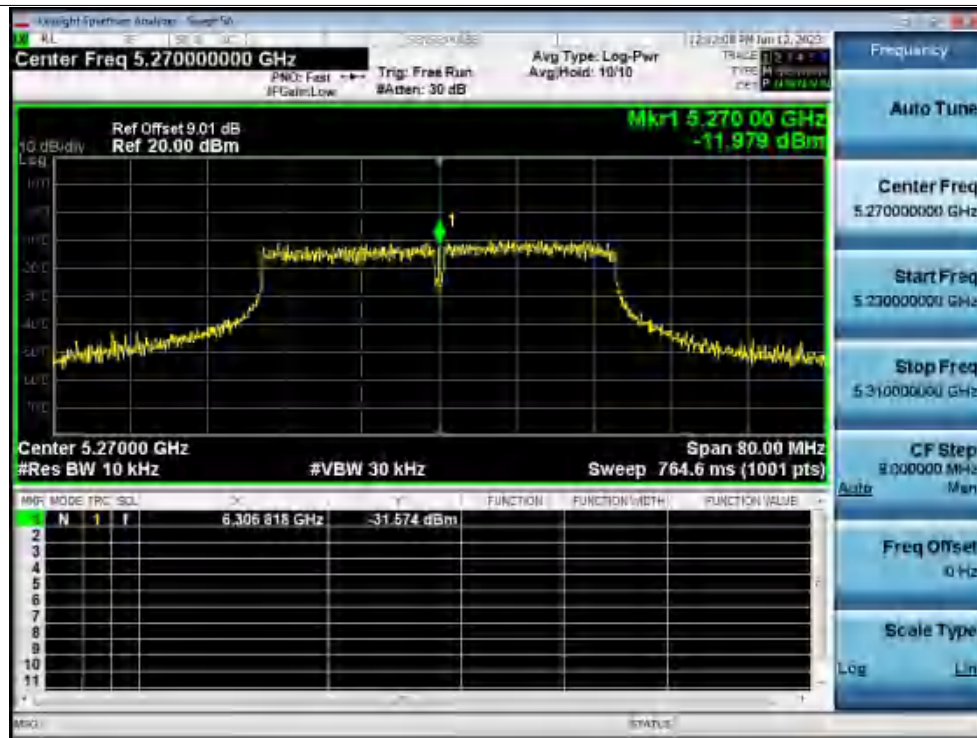


Freq. Stability 50C 120V n20 5320MHz Ant1 0 Minutes





Freq. Stability 20C 102V n40 5270MHz Ant1 0 Minutes



Freq. Stability 20C 120V n40 5270MHz Ant1 0 Minutes



Freq. Stability 20C 138V n40 5270MHz Ant1 0 Minutes



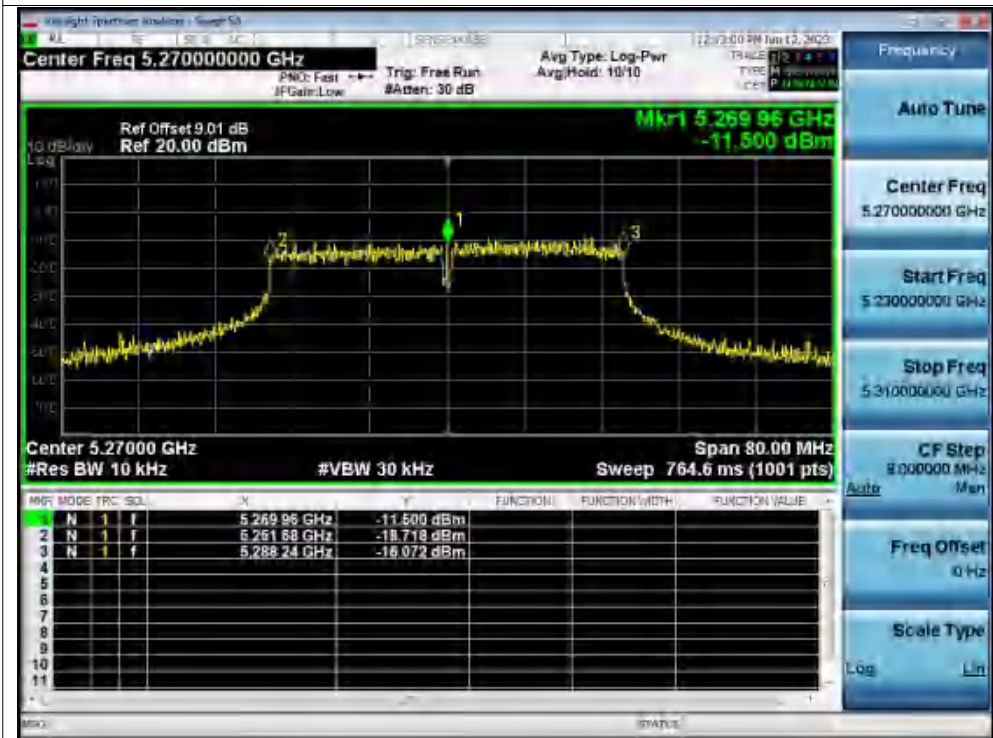
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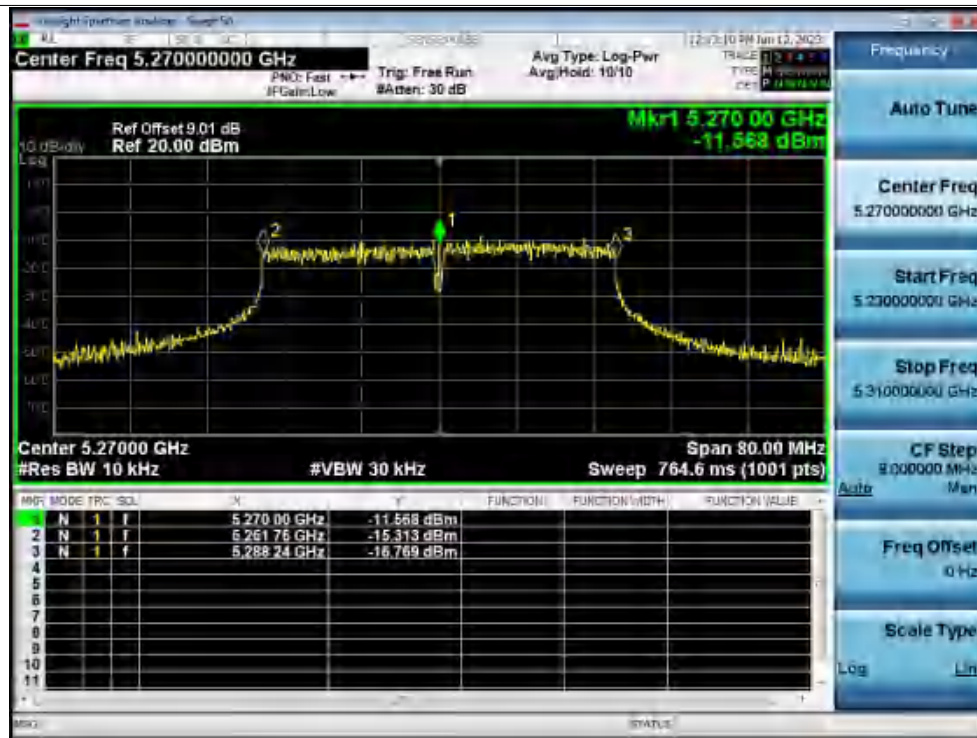
Freq. Stability -10C 120V n40 5270MHz Ant1 0 Minutes



Freq. Stability 0C 120V n40 5270MHz Ant1 0 Minutes



Freq. Stability 10C 120V n40 5270MHz Ant1 0 Minutes



Freq. Stability 30C 120V n40 5270MHz Ant1 0 Minutes



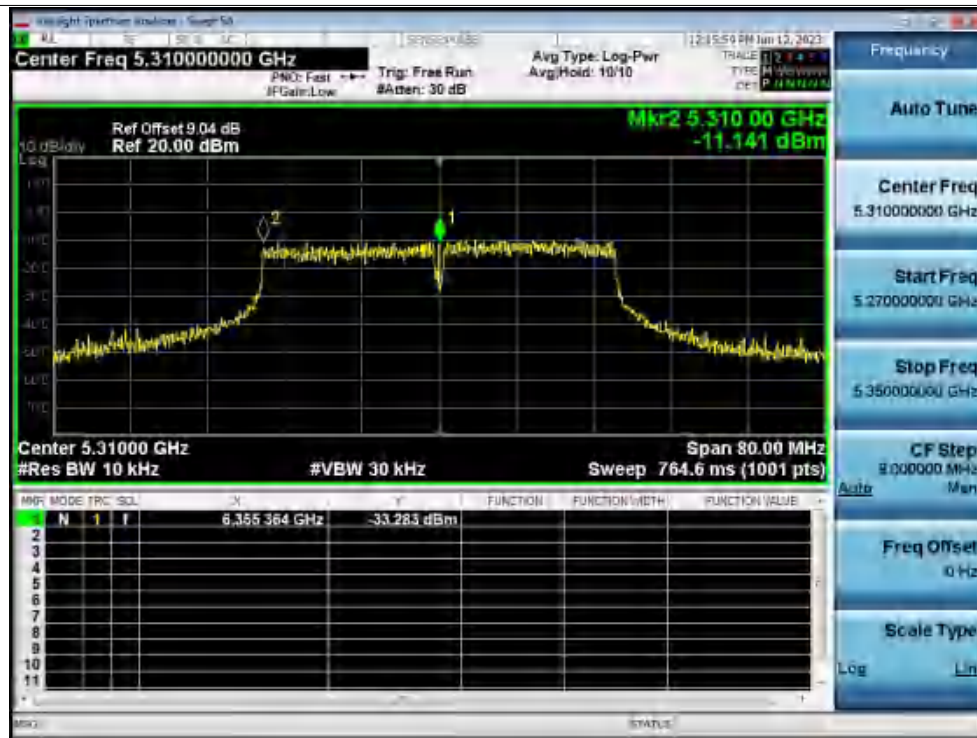
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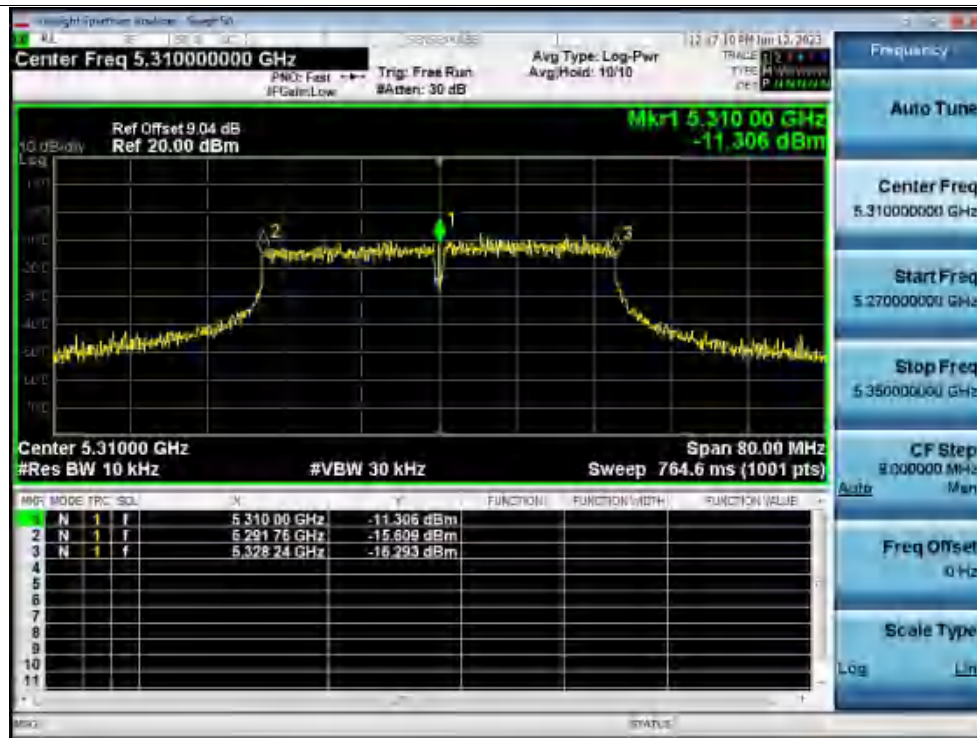
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Freq. Stability 20C 120V n40 5310MHz Ant1 0 Minutes



Freq. Stability 20C 138V n40 5310MHz Ant1 0 Minutes



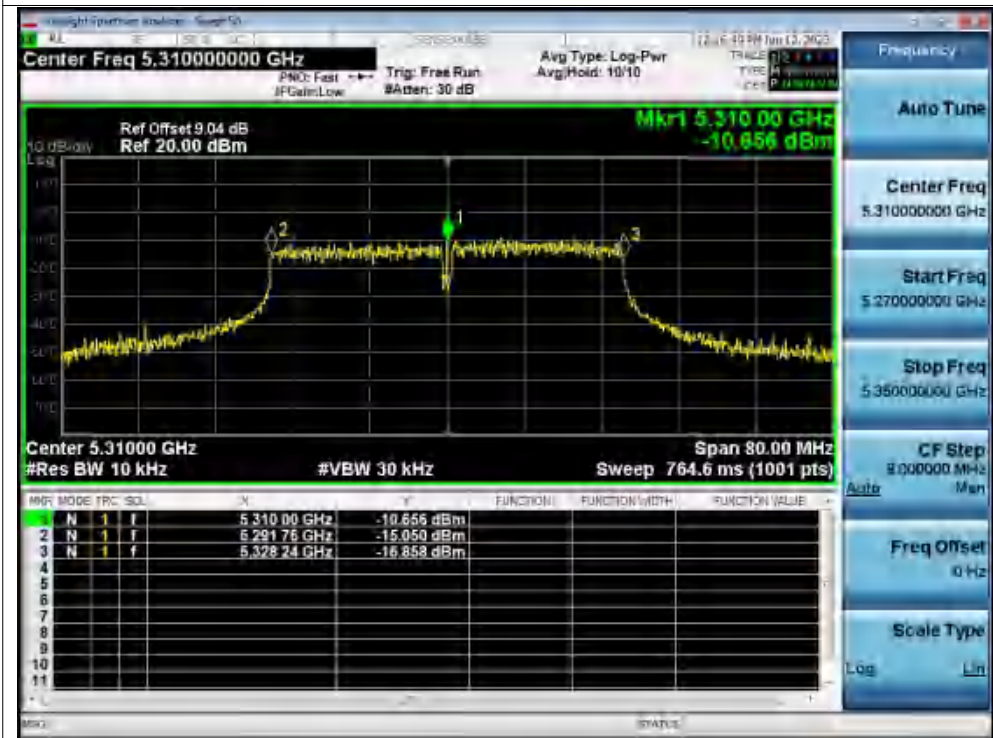
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Freq. Stability -10C 120V n40 5310MHz Ant1 0 Minutes



Freq. Stability 0C 120V n40 5310MHz Ant1 0 Minutes





Freq. Stability 10C 120V n40 5310MHz Ant1 0 Minutes



Freq. Stability 30C 120V n40 5310MHz Ant1 0 Minutes



Freq. Stability 40C 120V n40 5310MHz Ant1 0 Minutes



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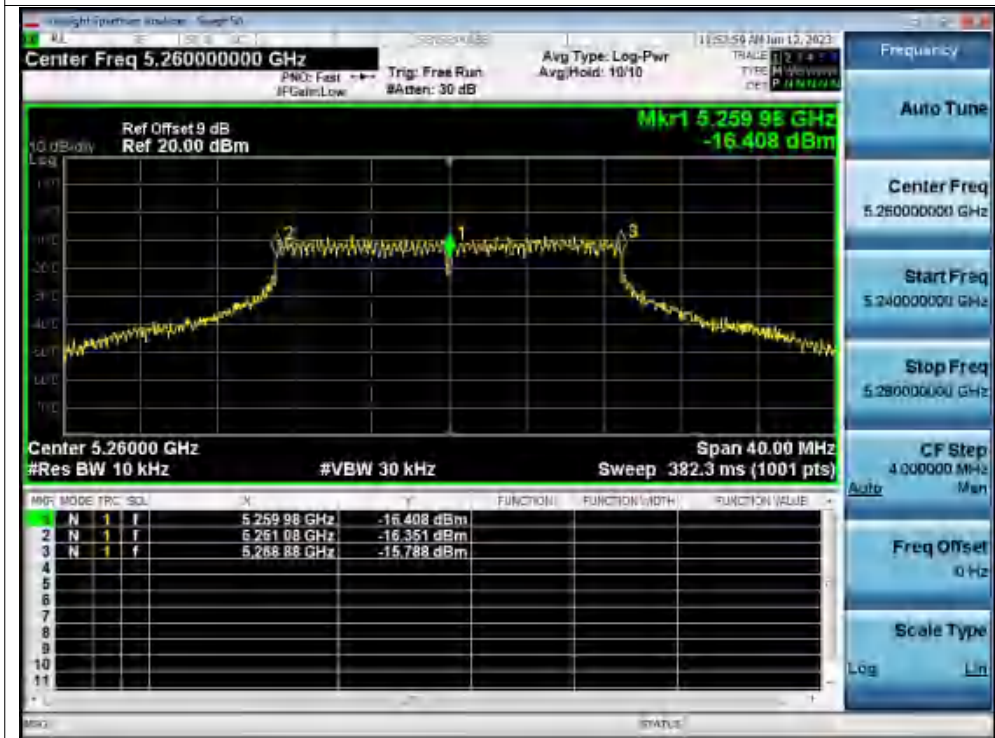




Freq. Stability 20C 138V ac20 5260MHz Ant1 0 Minutes



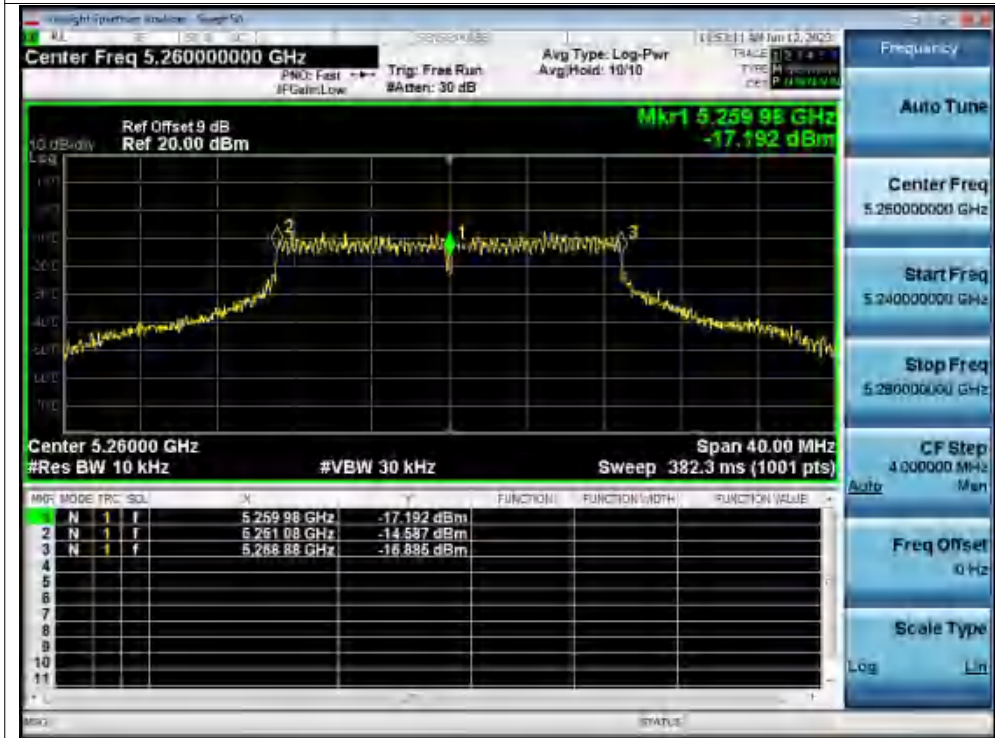
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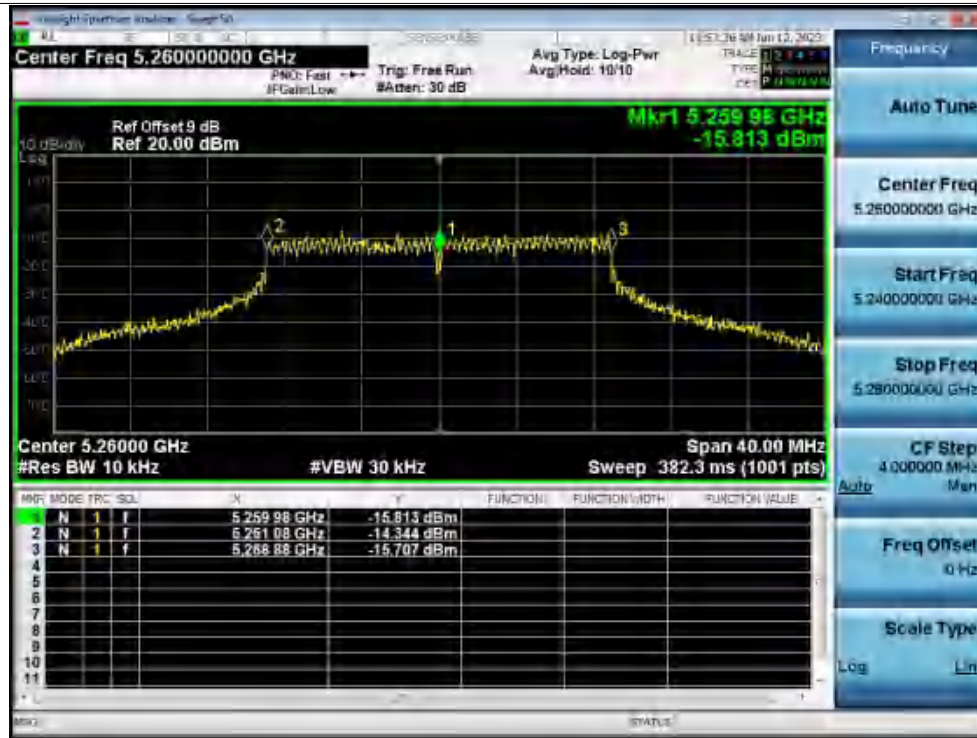
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Freq. Stability 30C 120V ac20 5260MHz Ant1 0 Minutes



Freq. Stability 40C 120V ac20 5260MHz Ant1 0 Minutes



Freq. Stability 50C 120V ac20 5260MHz Ant1 0 Minutes







Freq. Stability 20C 138V ac20 5280MHz Ant1 0 Minutes



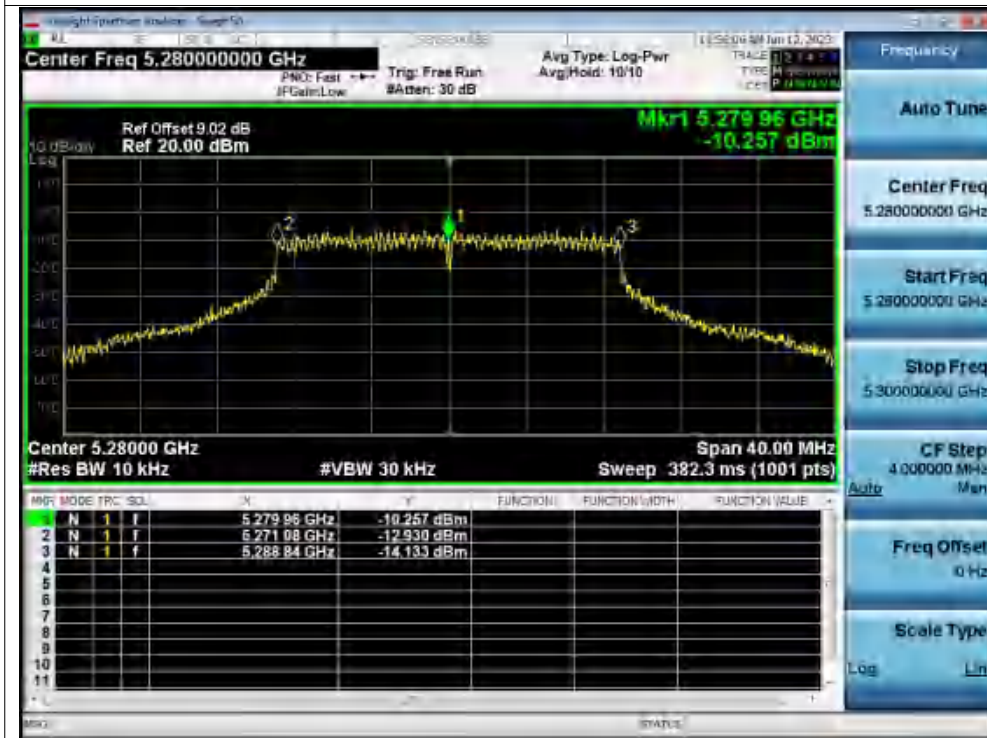
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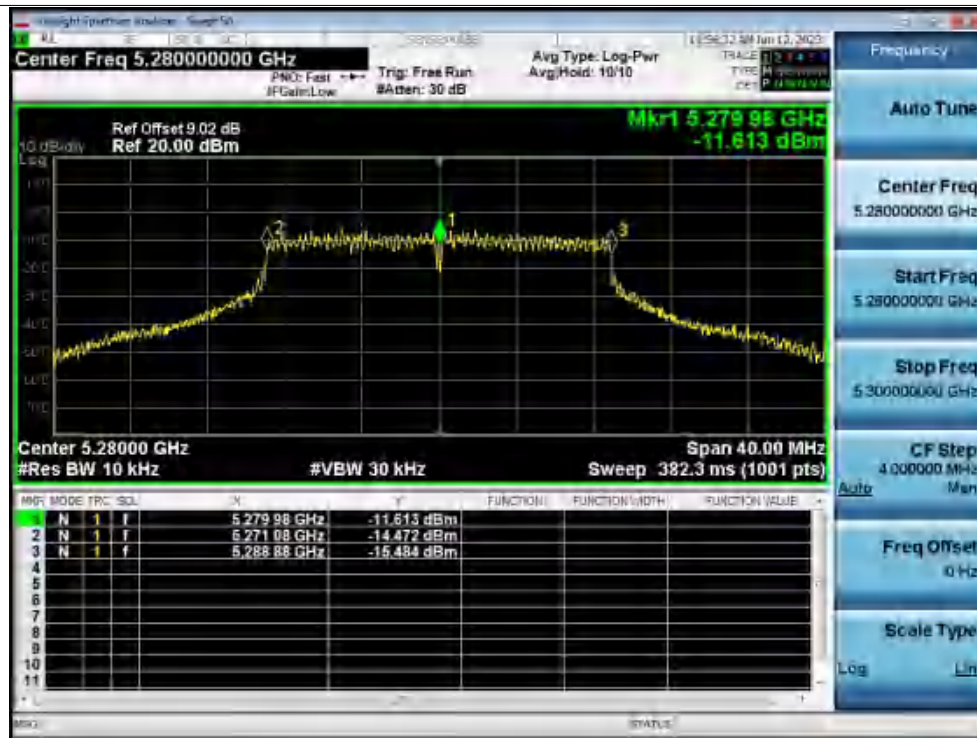
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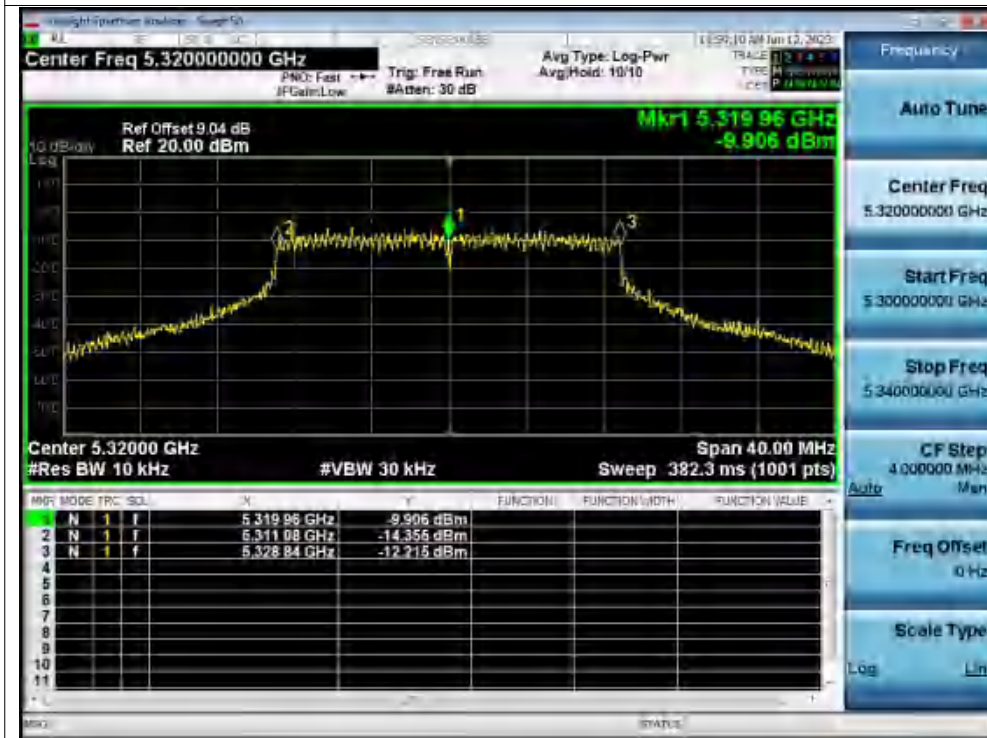




Freq. Stability 20C 138V ac20 5320MHz Ant1 0 Minutes



Freq. Stability -20C 120V ac20 5320MHz Ant1 0 Minutes



Freq. Stability -10C 120V ac20 5320MHz Ant1 0 Minutes



Freq. Stability 0C 120V ac20 5320MHz Ant1 0 Minutes



Freq. Stability 10C 120V ac20 5320MHz Ant1 0 Minutes



Freq. Stability 30C 120V ac20 5320MHz Ant1 0 Minutes

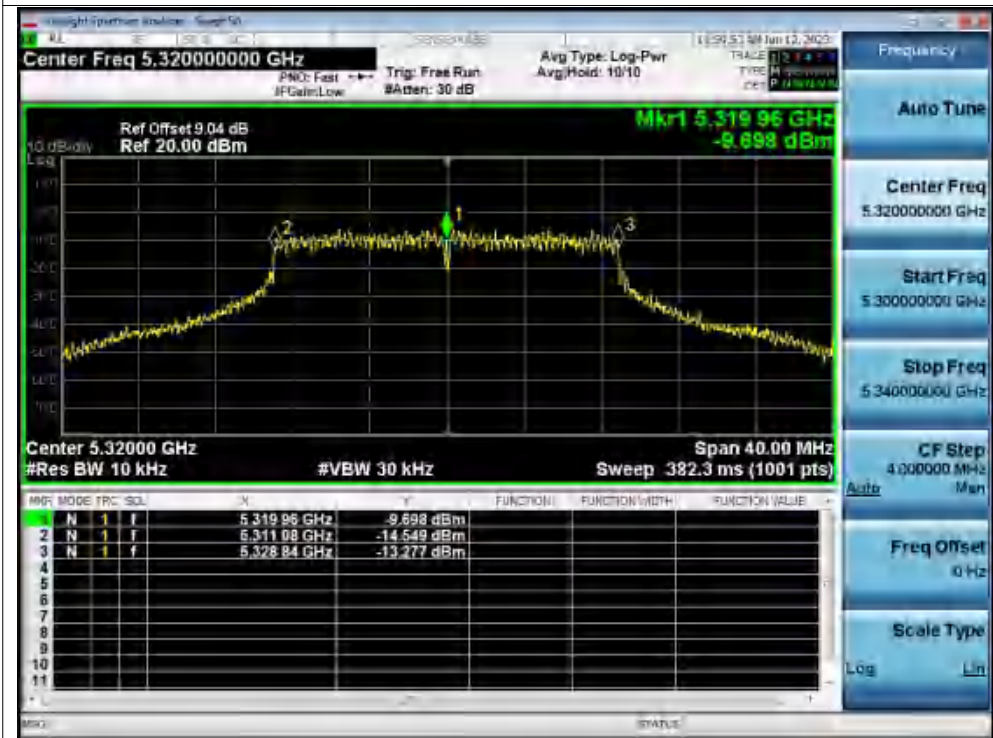




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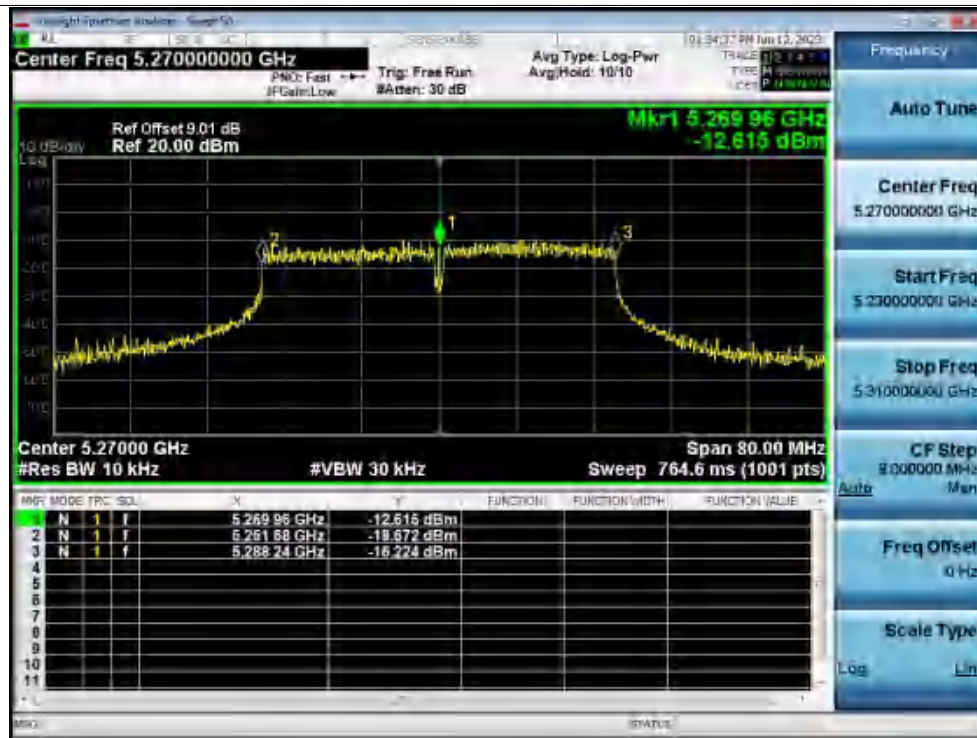


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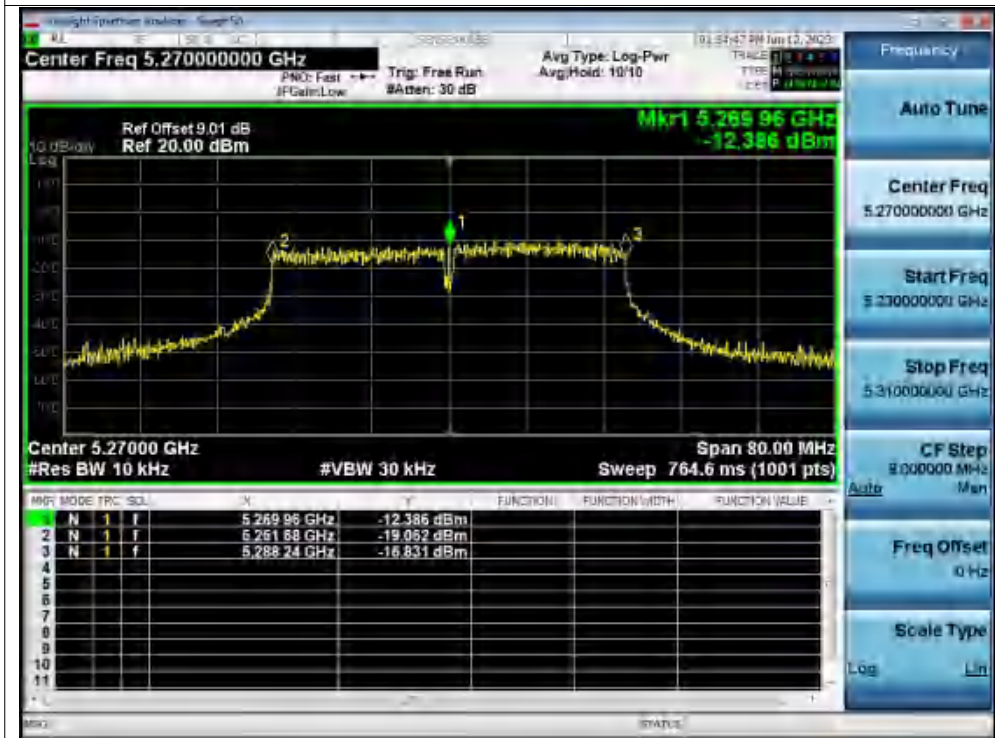




Freq. Stability 20C 138V ac40 5270MHz Ant1 0 Minutes



Freq. Stability -20C 120V ac40 5270MHz Ant1 0 Minutes



Freq. Stability -10C 120V ac40 5270MHz Ant1 0 Minutes



Freq. Stability 0C 120V ac40 5270MHz Ant1 0 Minutes



Freq. Stability 10C 120V ac40 5270MHz Ant1 0 Minutes



Freq. Stability 30C 120V ac40 5270MHz Ant1 0 Minutes



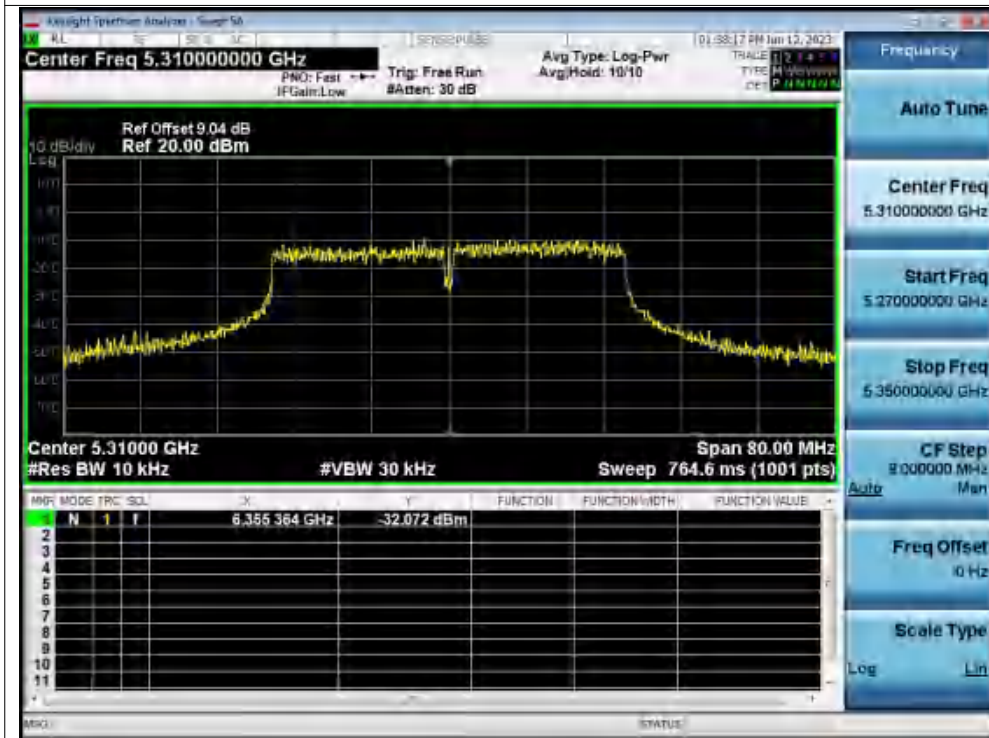
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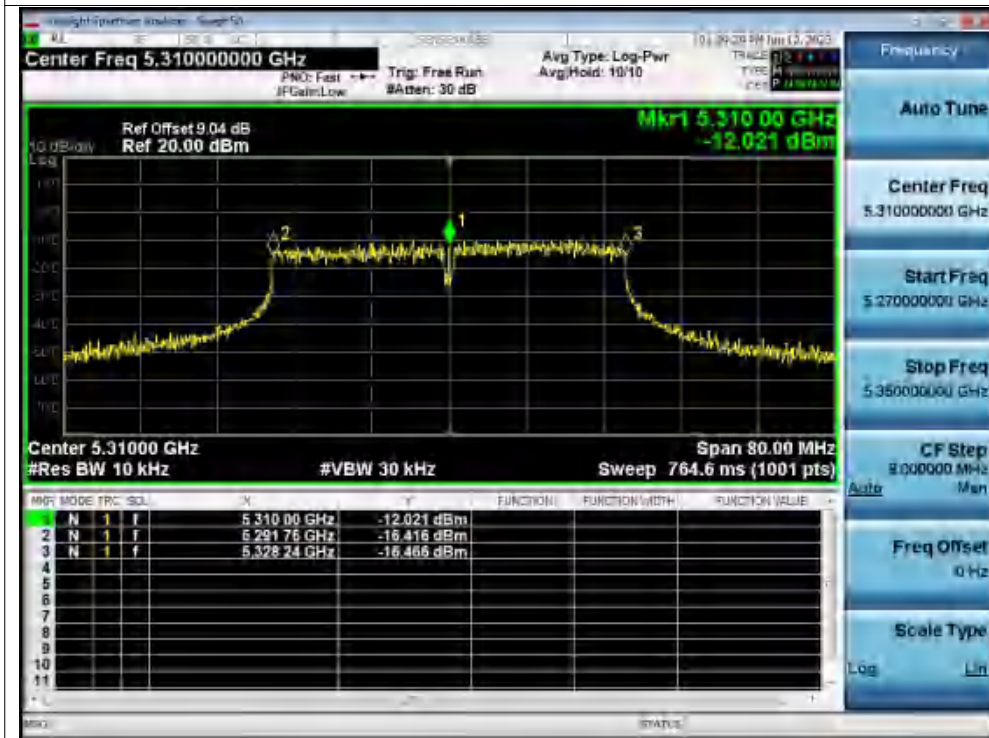
Freq. Stability 50C 120V ac40 5270MHz Ant1 0 Minutes



Freq. Stability 20C 102V ac40 5310MHz Ant1 0 Minutes



Freq. Stability 20C 120V ac40 5310MHz Ant1 0 Minutes



Freq. Stability 20C 138V ac40 5310MHz Ant1 0 Minutes



Freq. Stability -20C 120V ac40 5310MHz Ant1 0 Minutes

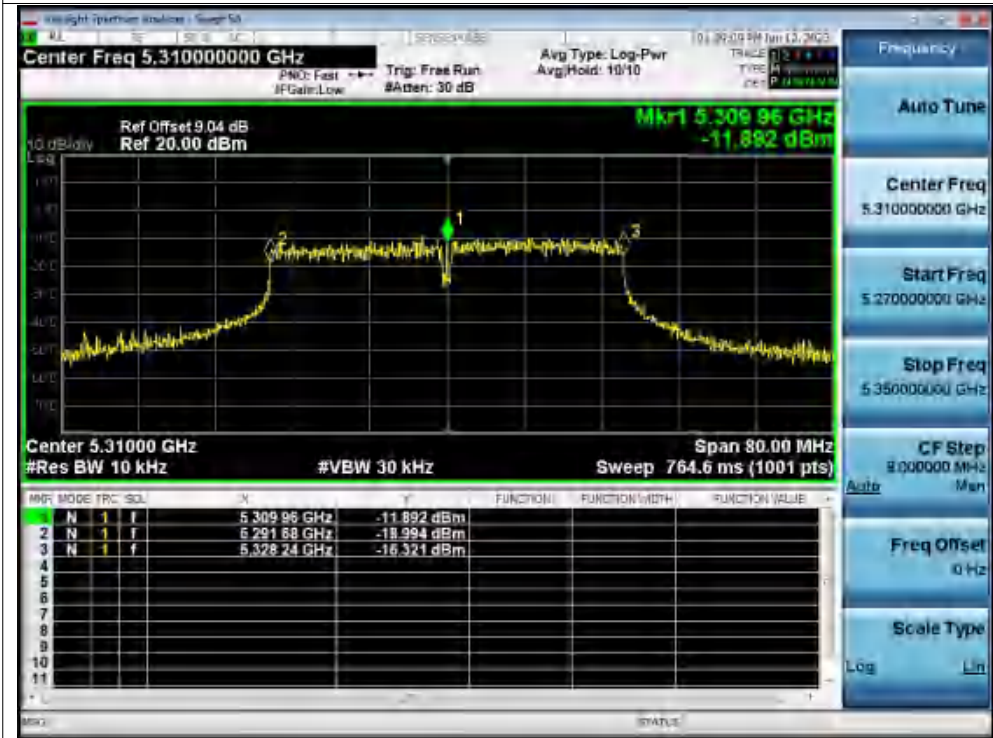




Freq. Stability -10C 120V ac40 5310MHz Ant1 0 Minutes



Freq. Stability 0C 120V ac40 5310MHz Ant1 0 Minutes



Freq. Stability 10C 120V ac40 5310MHz Ant1 0 Minutes



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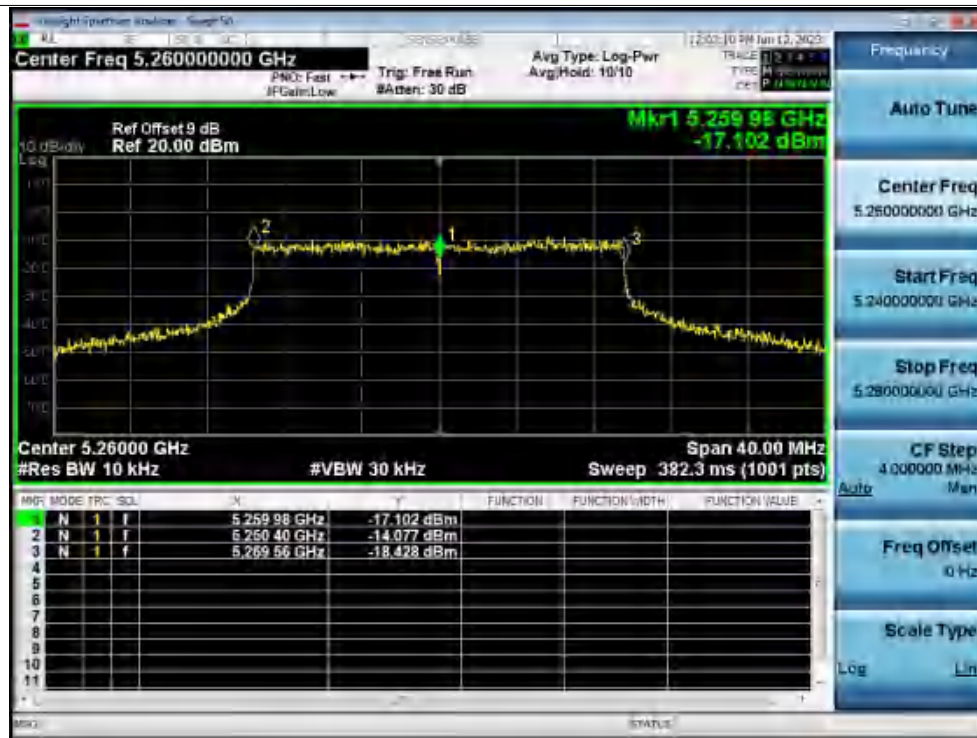
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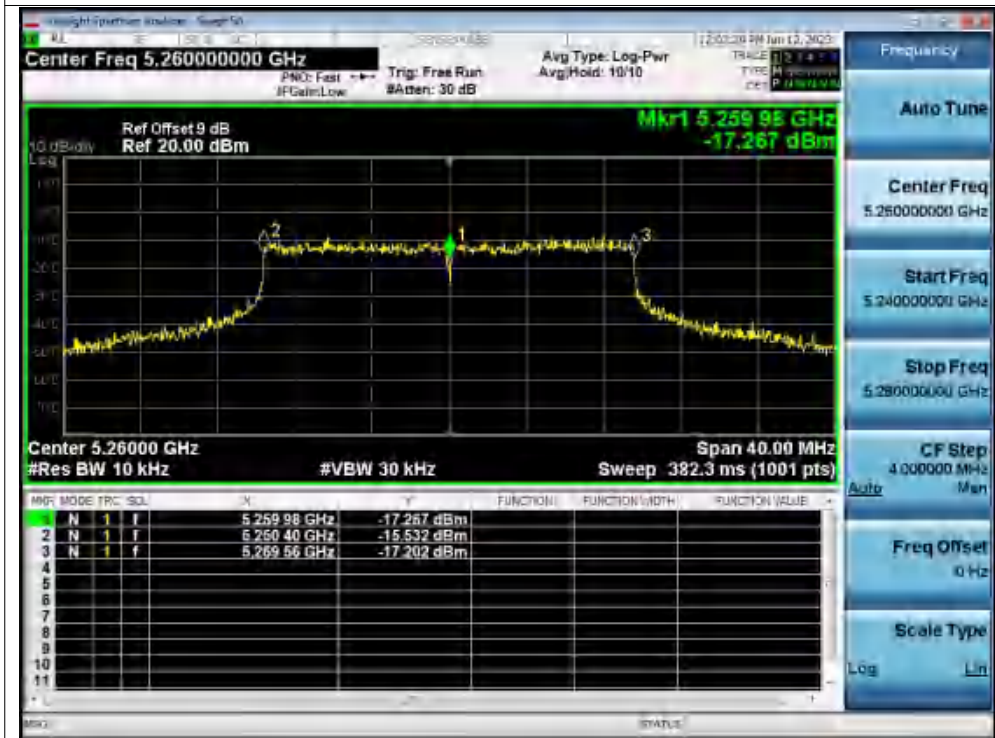
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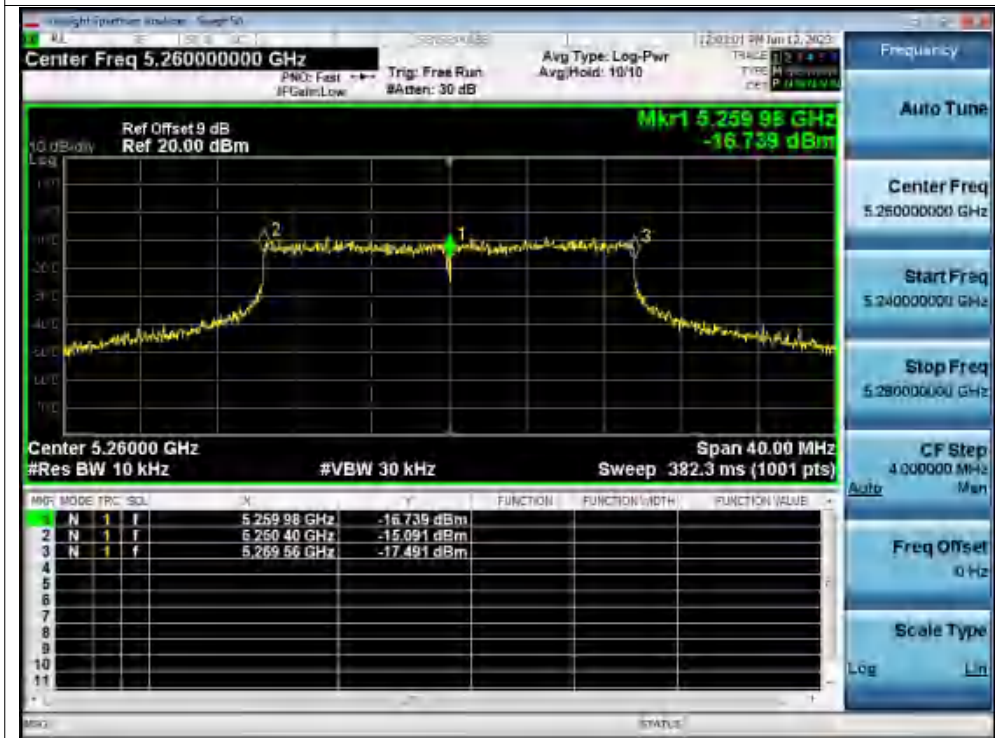
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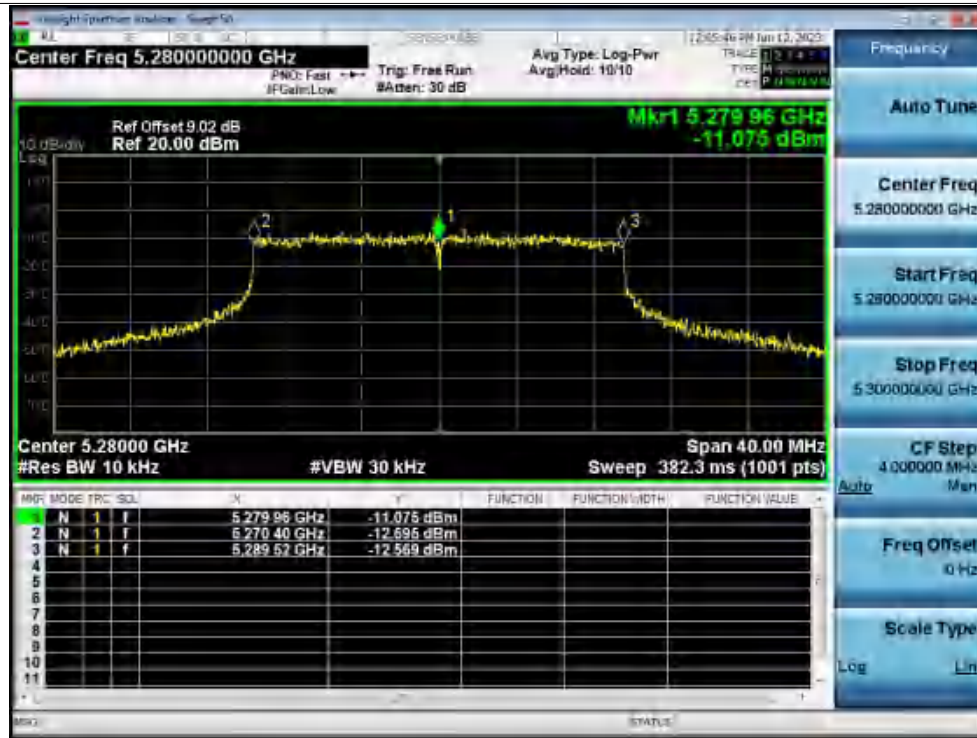
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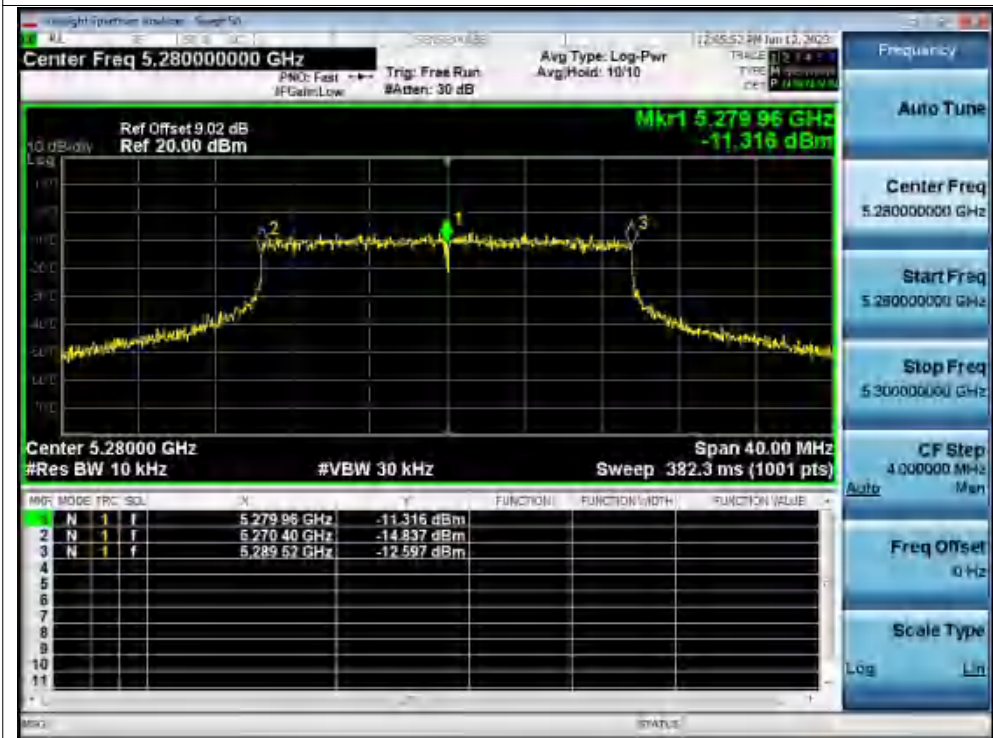
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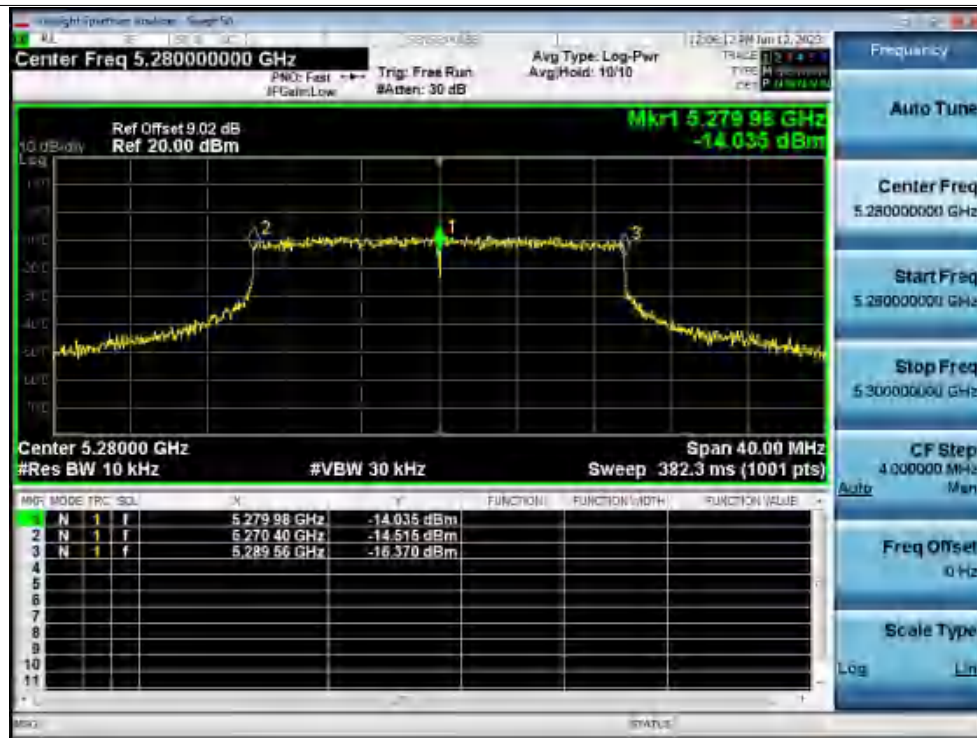
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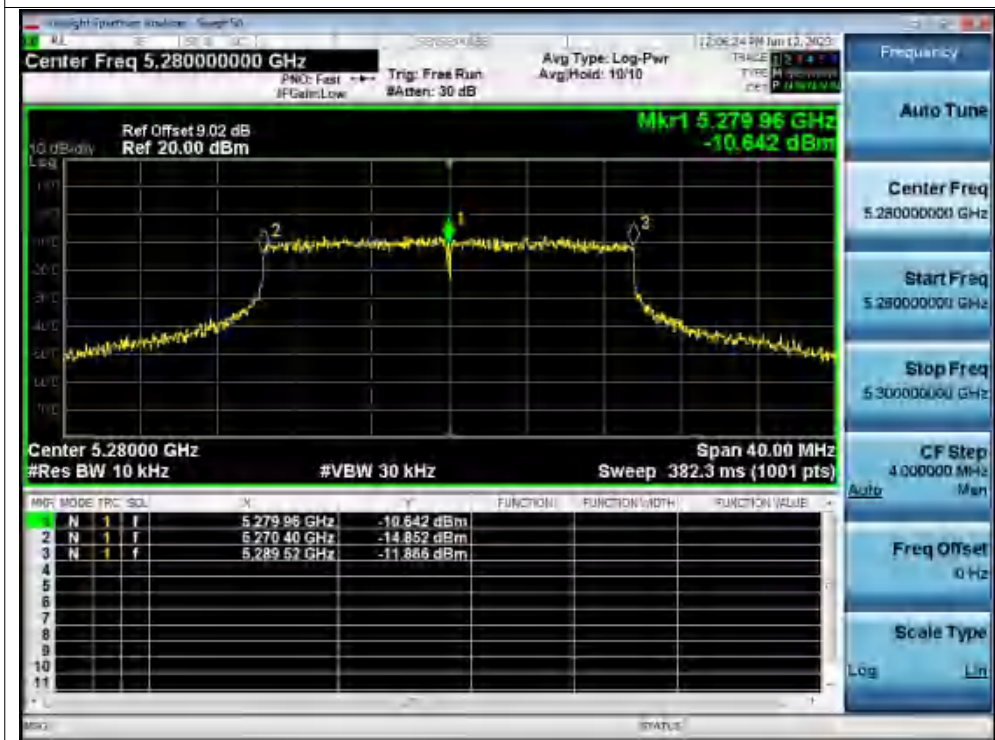
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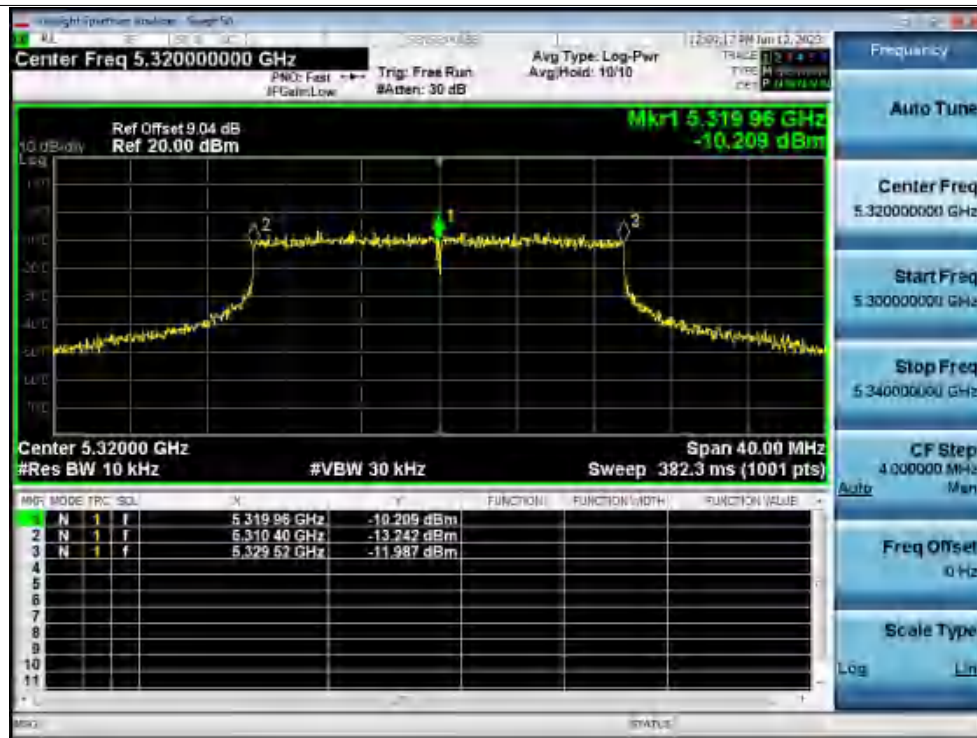
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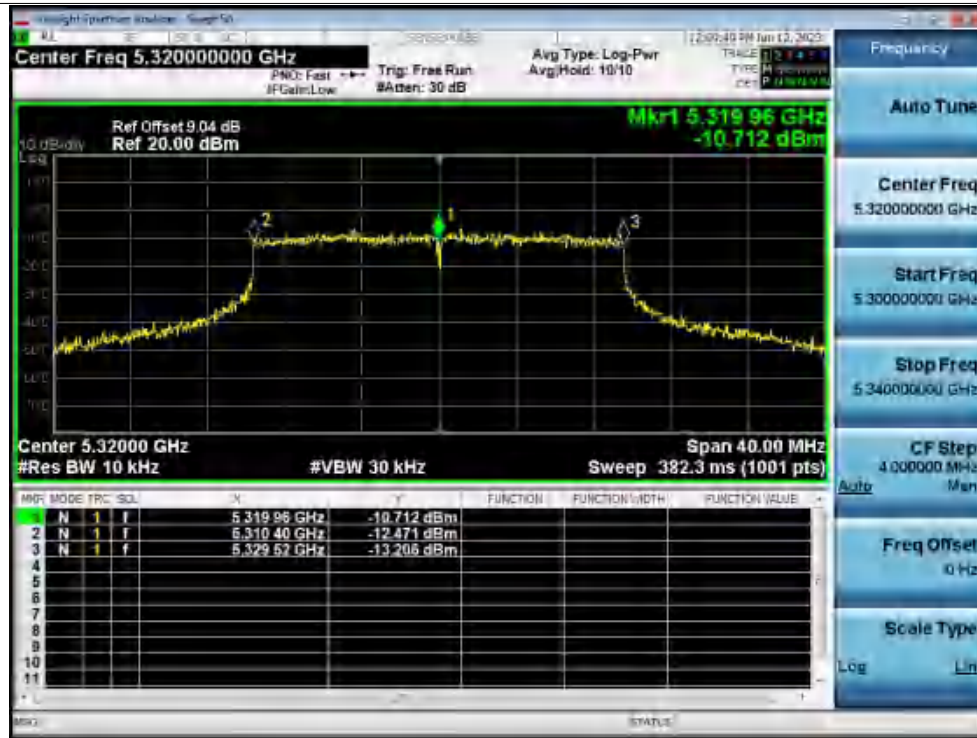
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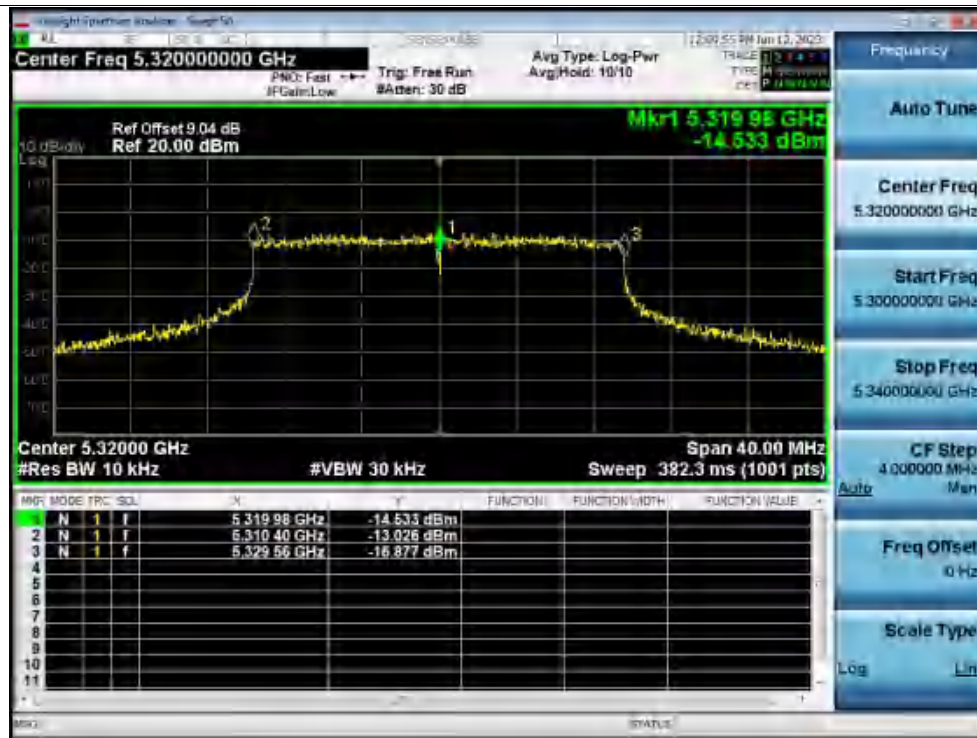
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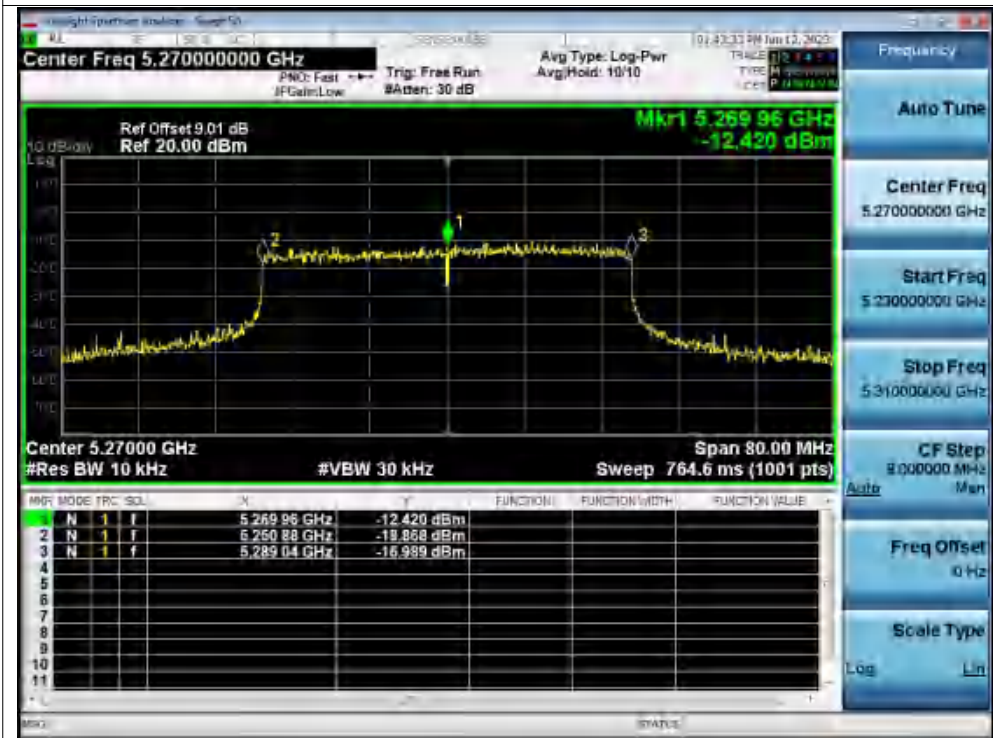
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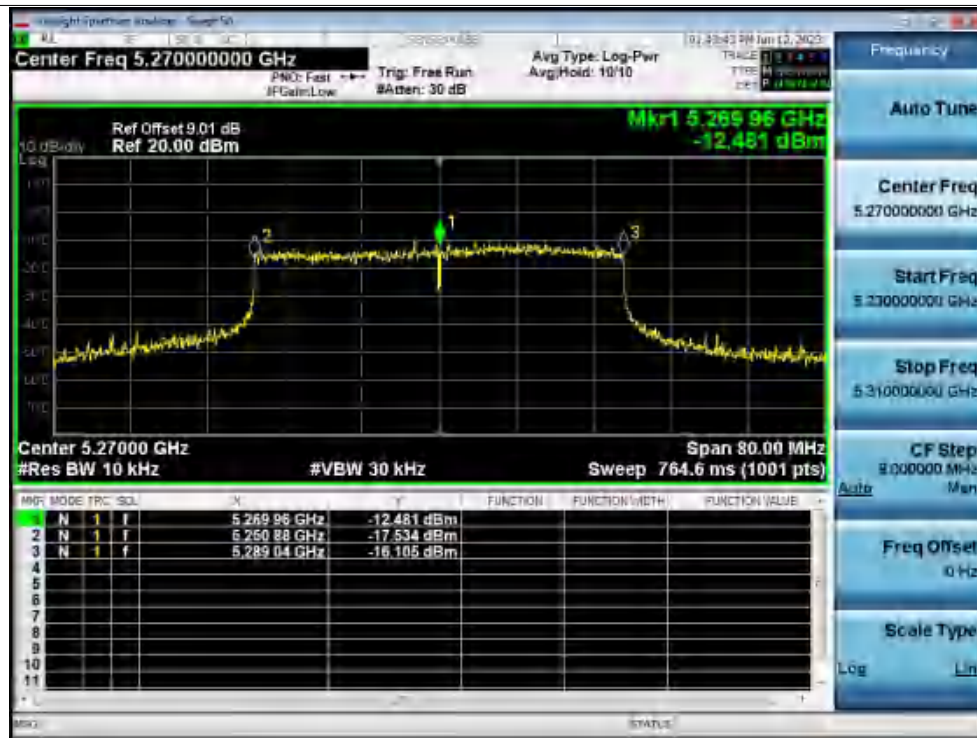
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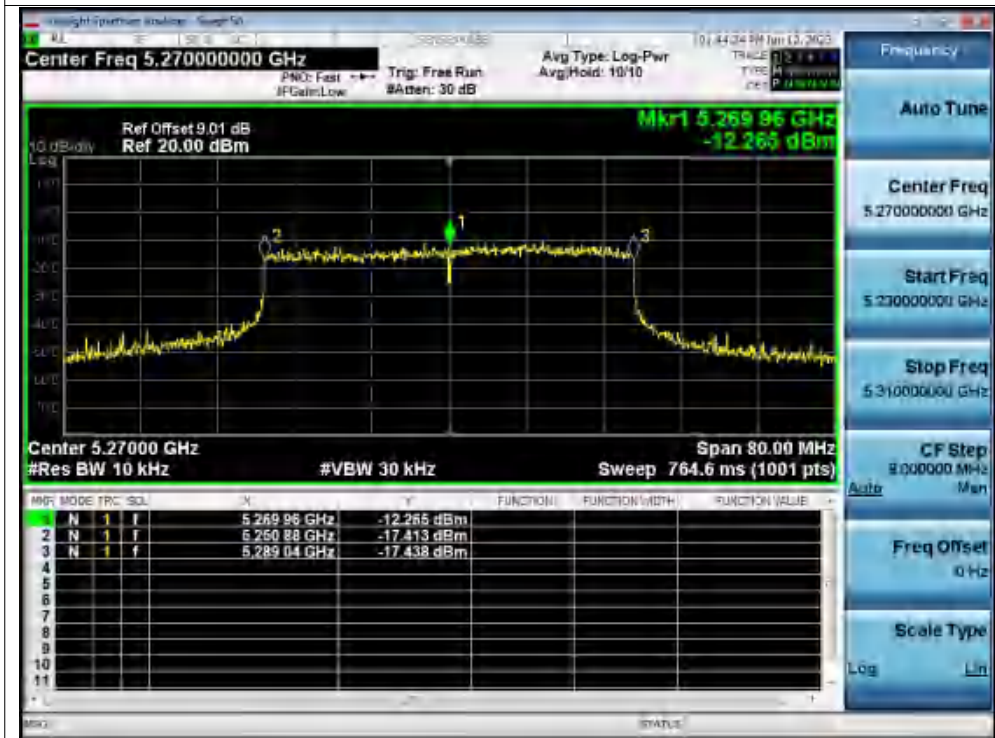
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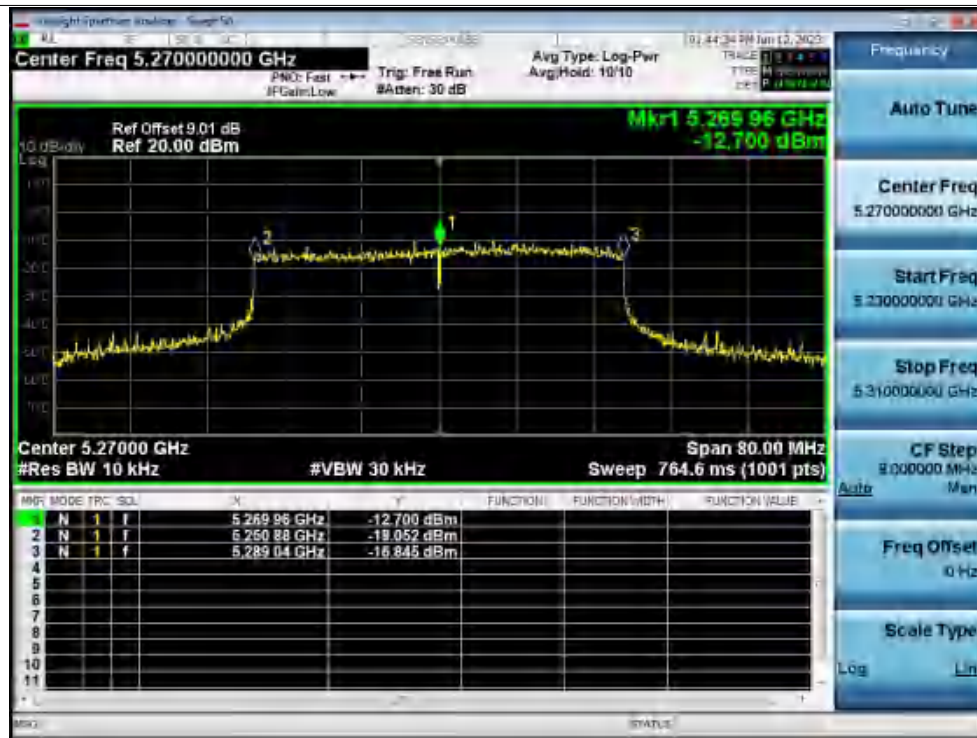
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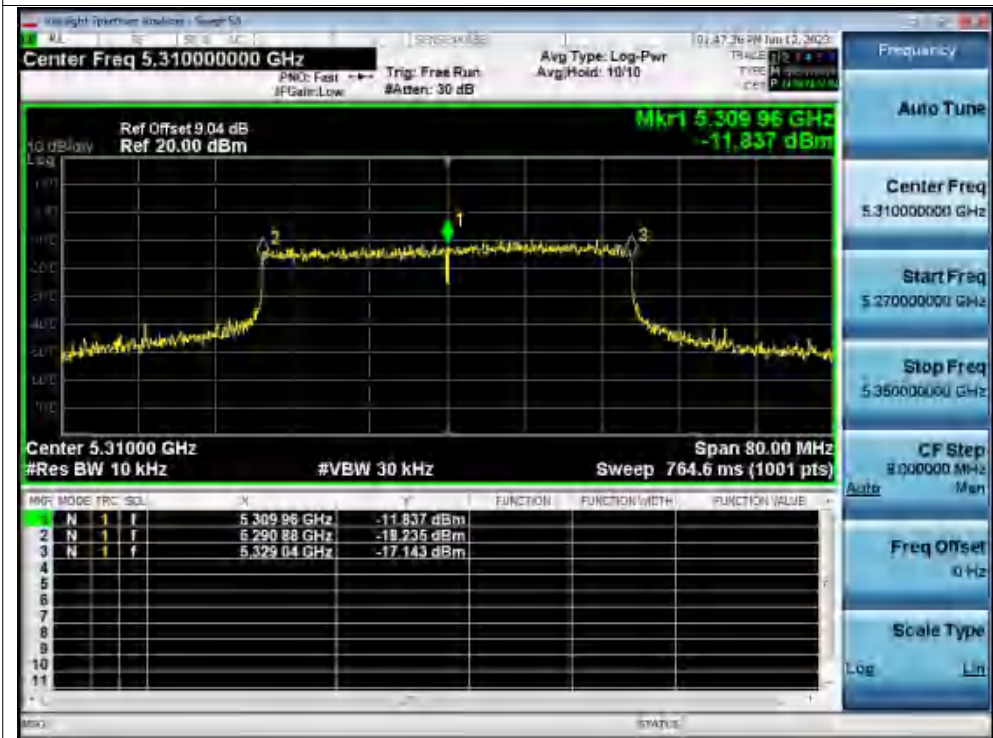




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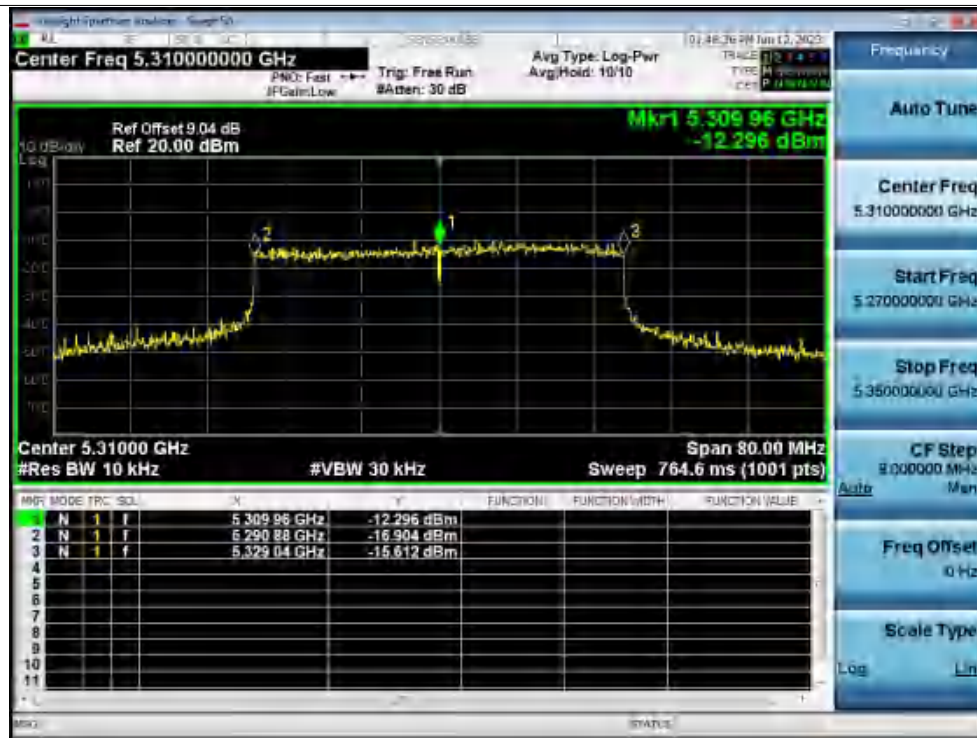
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Freq. Stability 50C 120V ax40 5310MHz Ant1 0 Minutes

