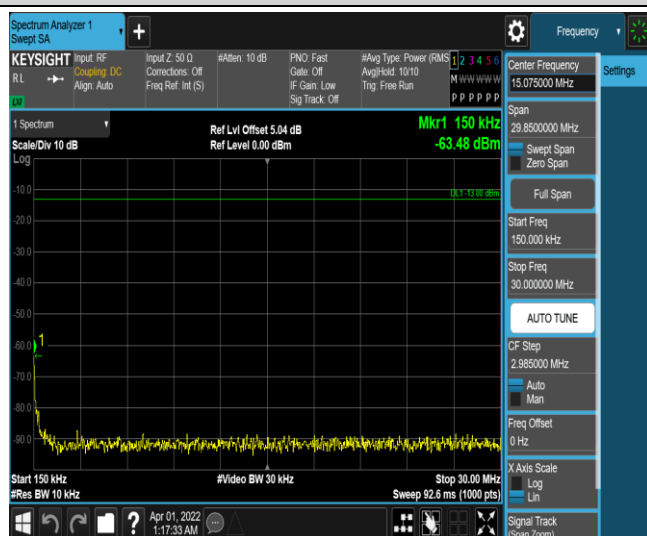




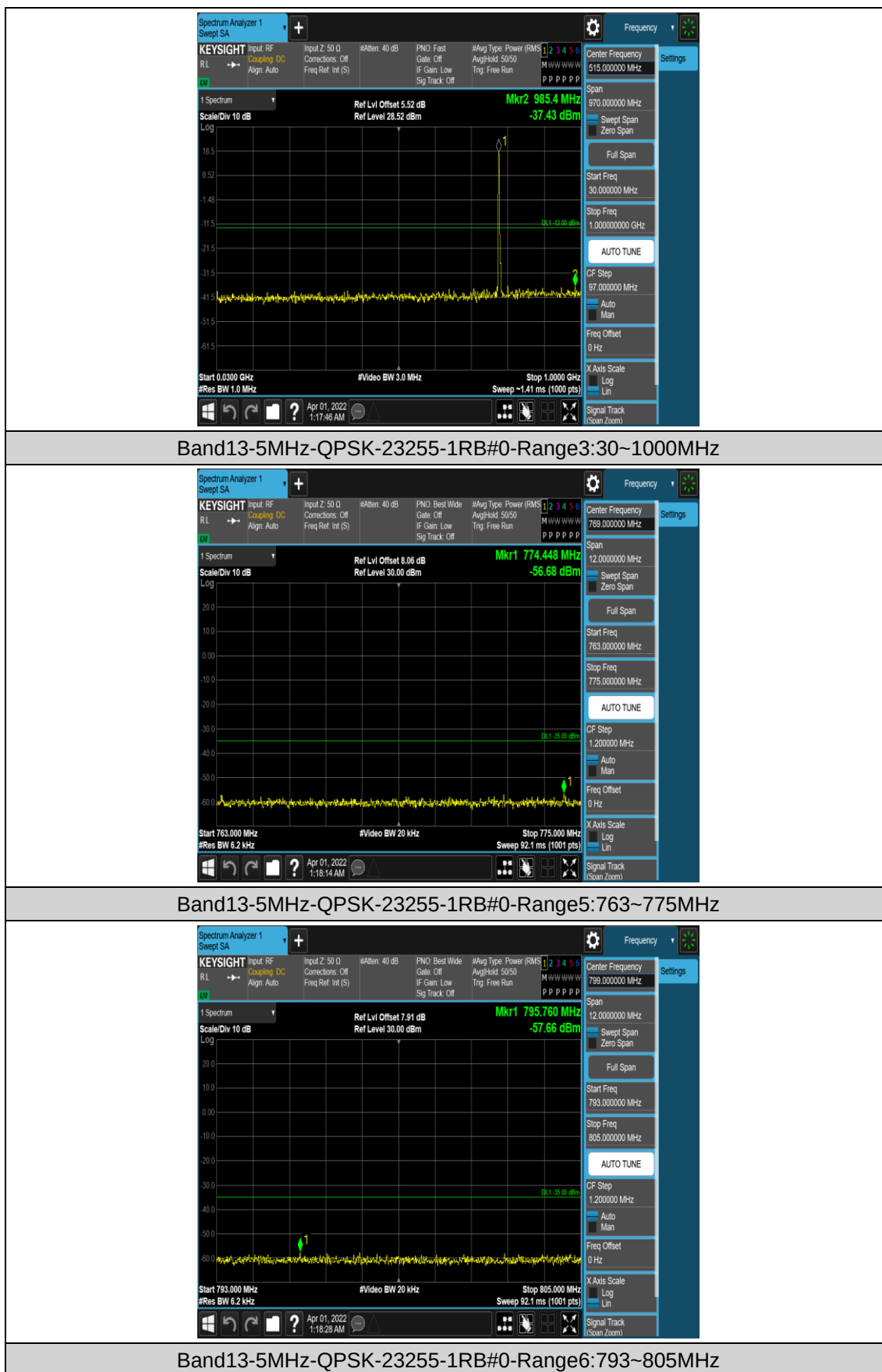
Band13-5MHz-QPSK-23230-1RB#0-Range7:1559~1610MHz



Band13-5MHz-QPSK-23255-1RB#0-Range1:0.009~0.15MHz

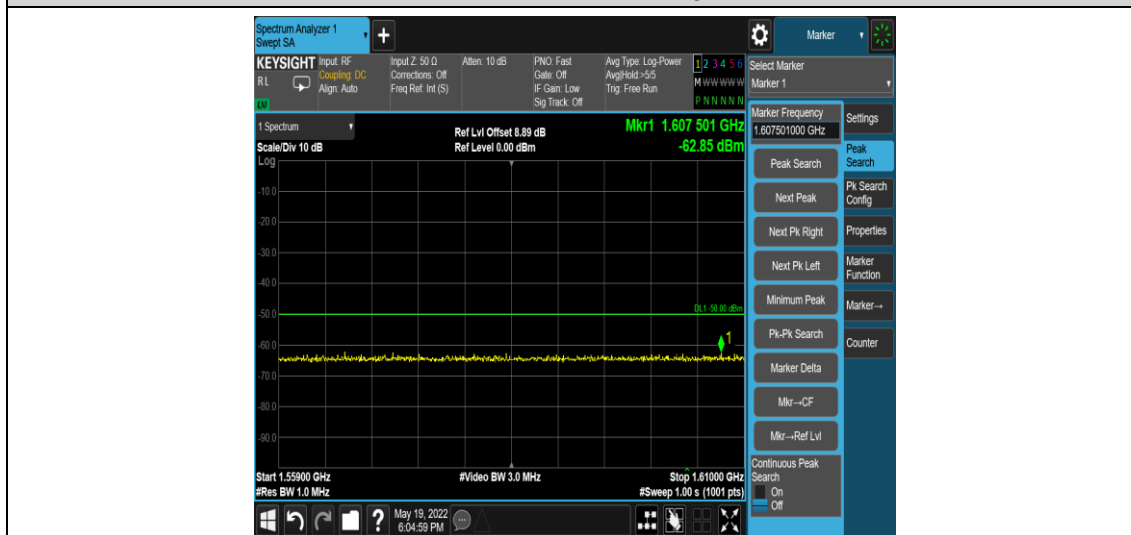


Band13-5MHz-QPSK-23255-1RB#0-Range2:0.15~30MHz





Band13-5MHz-QPSK-23255-1RB#0-Range4:1000~10000MHz



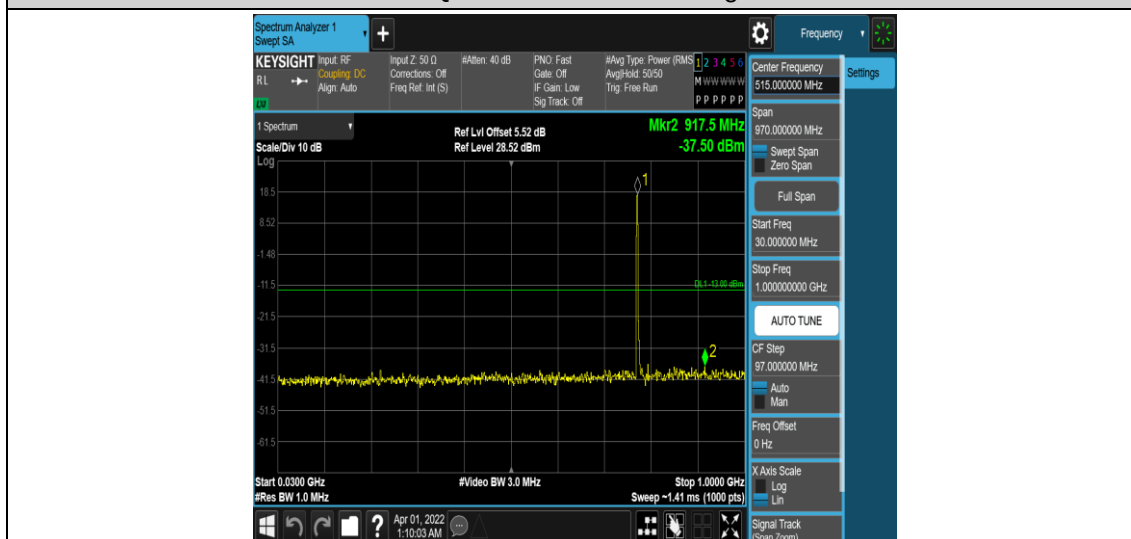
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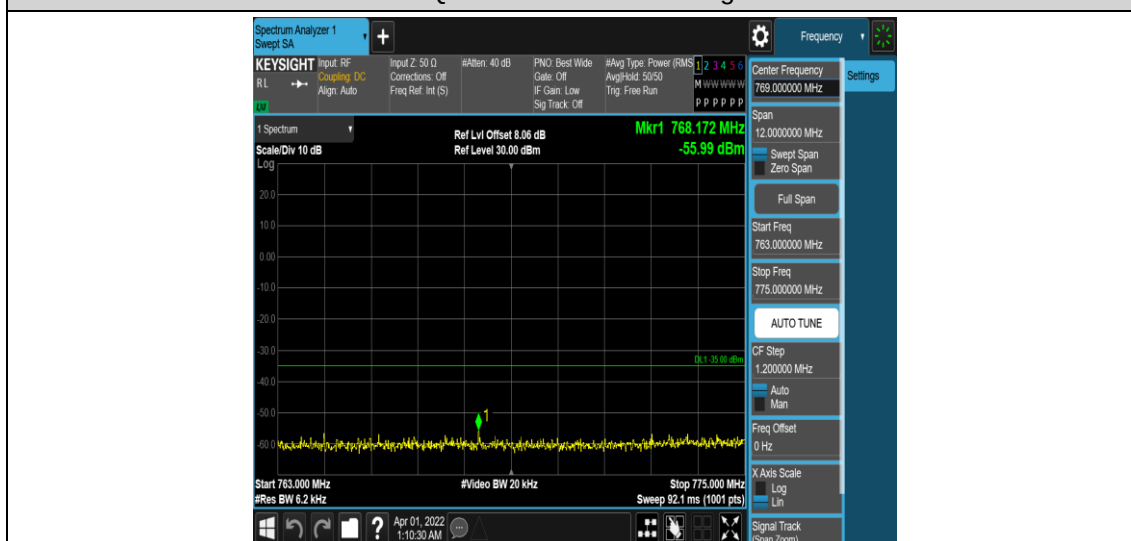
Band13-5MHz-16QAM-23205-1RB#0-Range1:0.009~0.15MHz



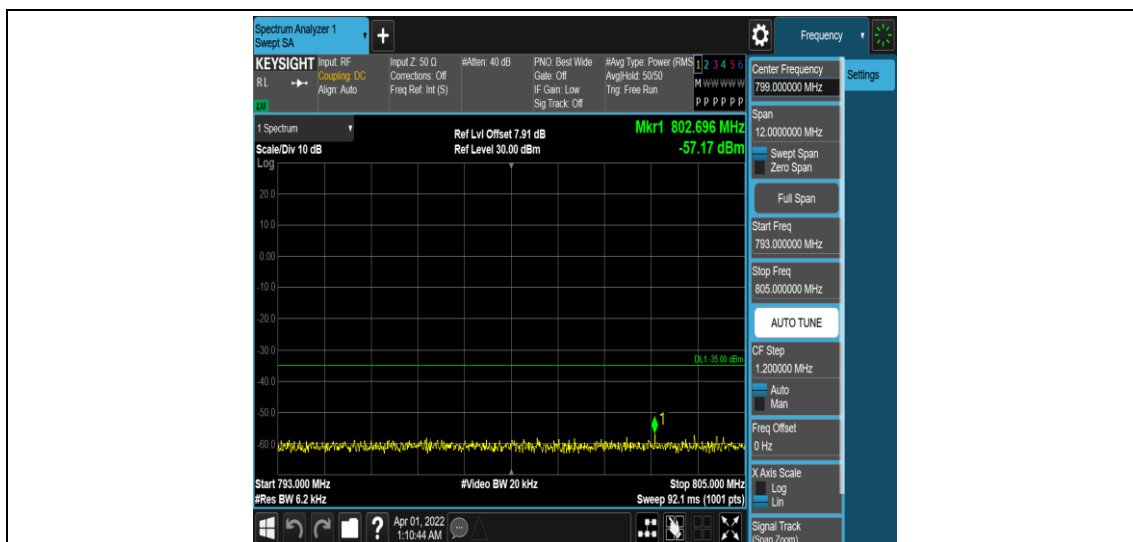
Band13-5MHz-16QAM-23205-1RB#0-Range2:0.15~30MHz



Band13-5MHz-16QAM-23205-1RB#0-Range3:30~1000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range5:763~775MHz



Band13-5MHz-16QAM-23205-1RB#0-Range6:793~805MHz



Band13-5MHz-16QAM-23205-1RB#0-Range4:1000~10000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range7:1559~1610MHz



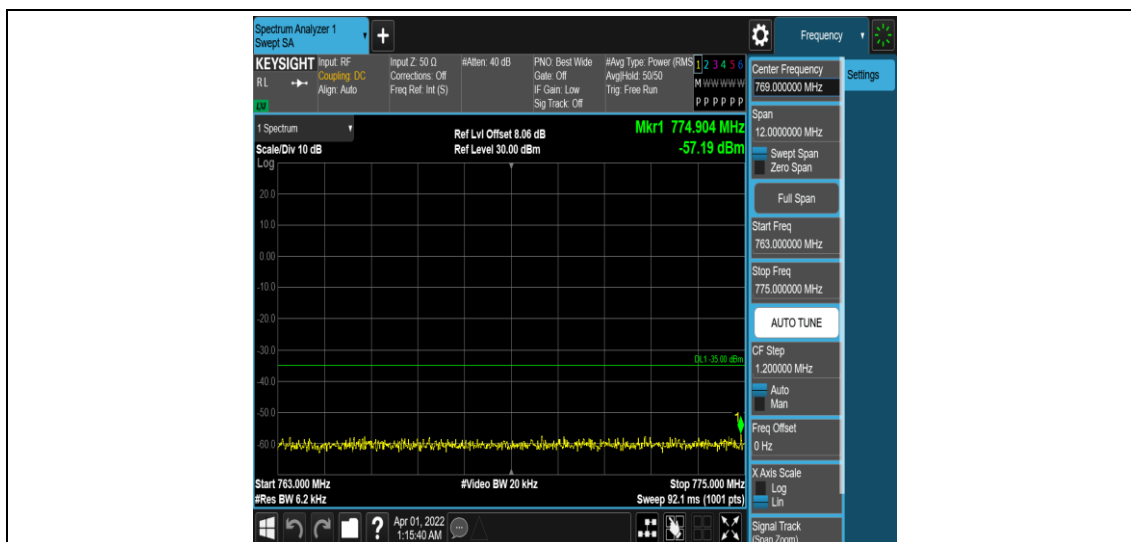
Band13-5MHz-16QAM-23230-1RB#0-Range1:0.009~0.15MHz



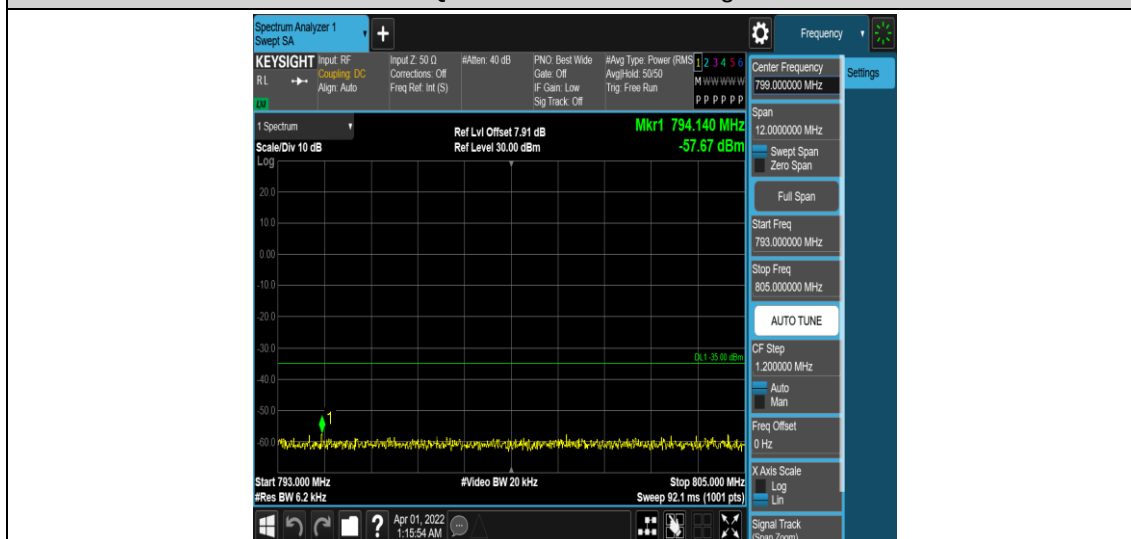
Band13-5MHz-16QAM-23230-1RB#0-Range2:0.15~30MHz



Band13-5MHz-16QAM-23230-1RB#0-Range3:30~1000MHz



Band13-5MHz-16QAM-23230-1RB#0-Range5:763~775MHz



Band13-5MHz-16QAM-23230-1RB#0-Range6:793~805MHz



Band13-5MHz-16QAM-23230-1RB#0-Range4:1000~10000MHz



Band13-5MHz-16QAM-23230-1RB#0-Range7:1559~1610MHz



Band13-5MHz-16QAM-23255-1RB#0-Range1:0.009~0.15MHz



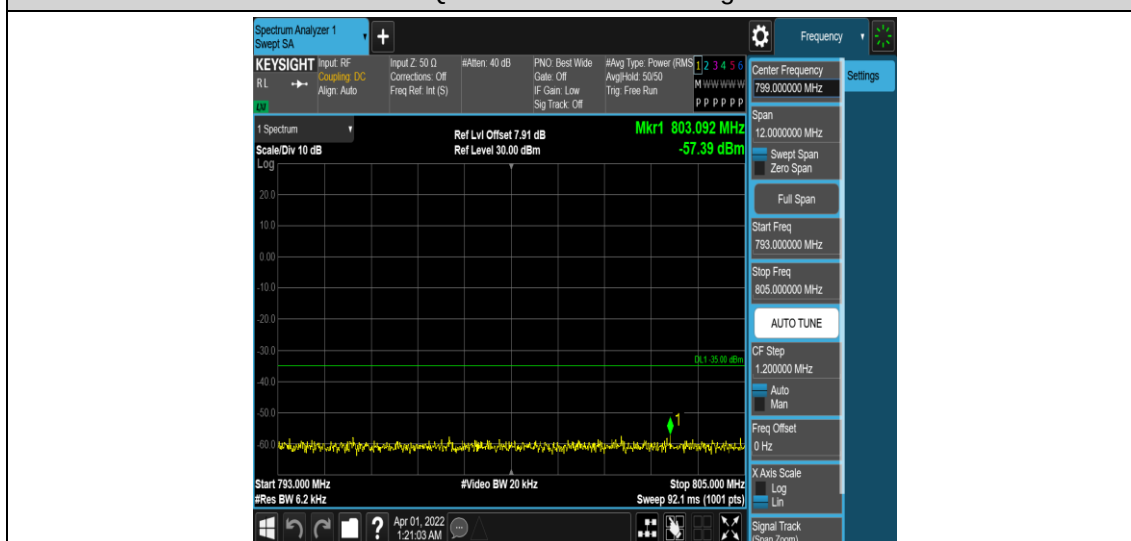
Band13-5MHz-16QAM-23255-1RB#0-Range2:0.15~30MHz



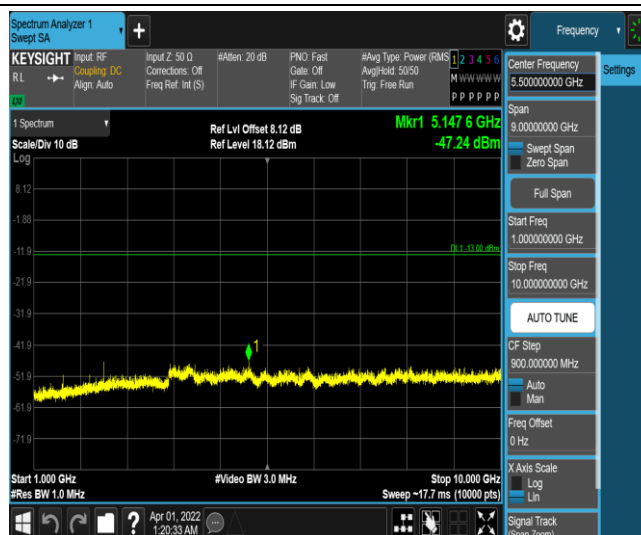
Band13-5MHz-16QAM-23255-1RB#0-Range3:30~1000MHz



Band13-5MHz-16QAM-23255-1RB#0-Range5:763~775MHz



Band13-5MHz-16QAM-23255-1RB#0-Range6:793~805MHz



Band13-5MHz-16QAM-23255-1RB#0-Range4:1000~10000MHz



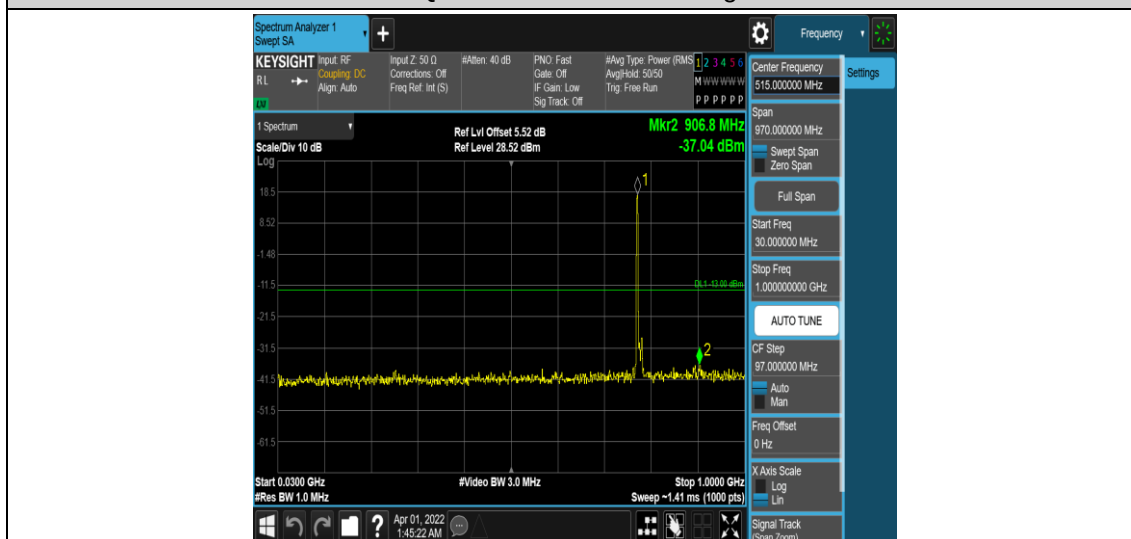
Band13-5MHz-16QAM-23255-1RB#0-Range7:1559~1610MHz



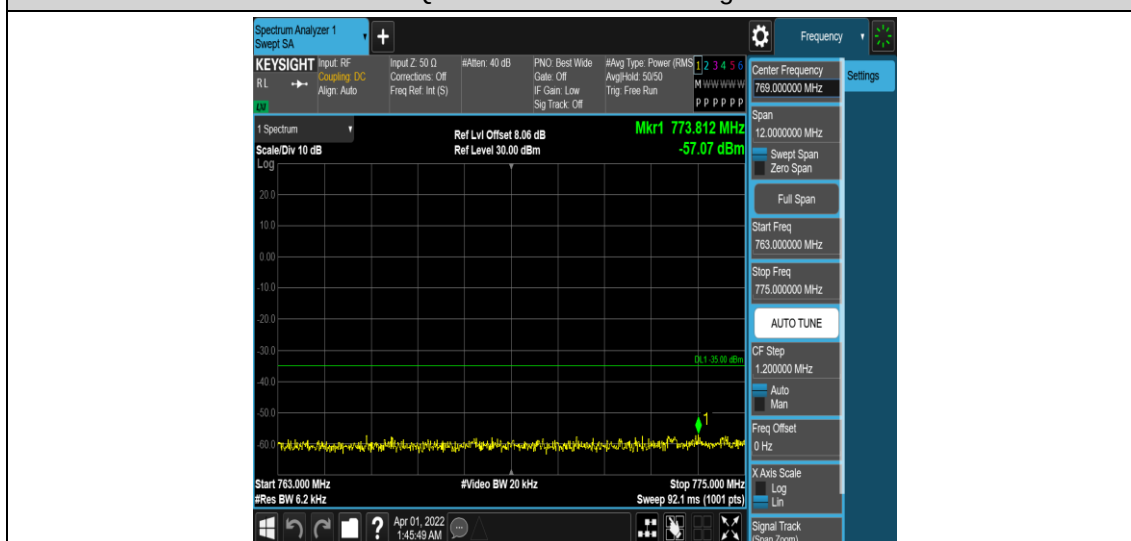
Band13-10MHz-QPSK-23230-1RB#0-Range1:0.009~0.15MHz



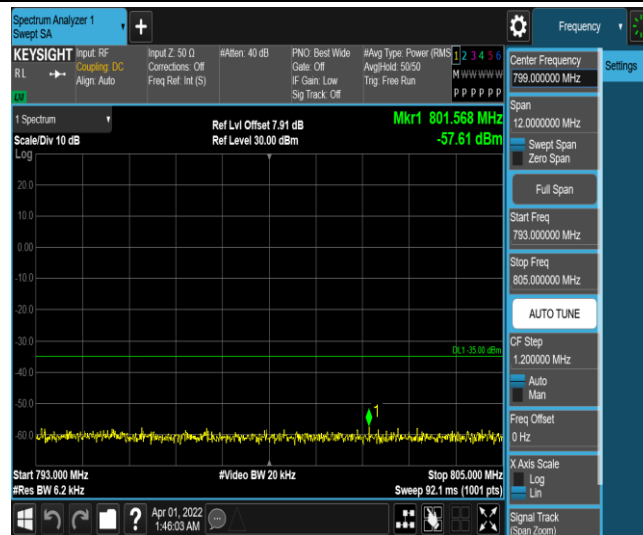
Band13-10MHz-QPSK-23230-1RB#0-Range2:0.15~30MHz



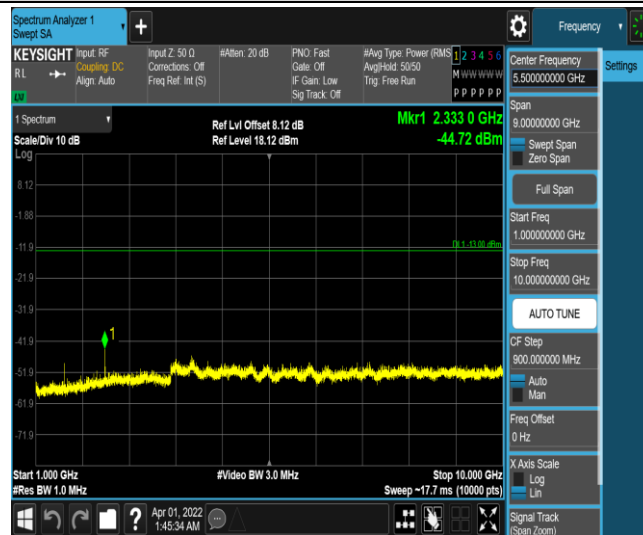
Band13-10MHz-QPSK-23230-1RB#0-Range3:30~1000MHz



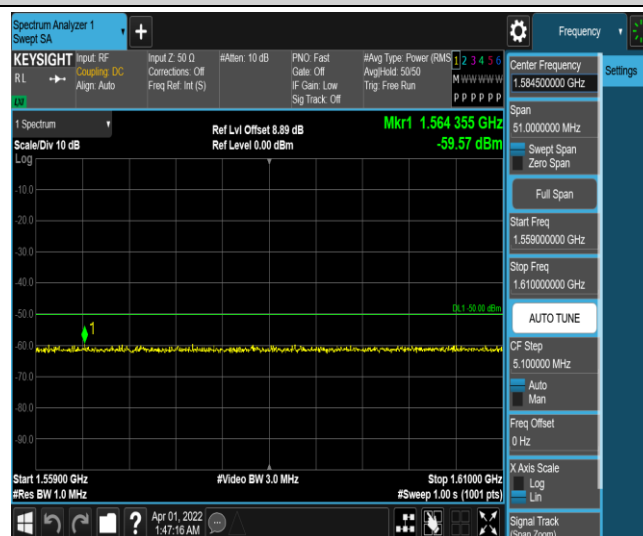
Band13-10MHz-QPSK-23230-1RB#0-Range5:763~775MHz



Band13-10MHz-QPSK-23230-1RB#0-Range6:793~805MHz



Band13-10MHz-QPSK-23230-1RB#0-Range4:1000~10000MHz



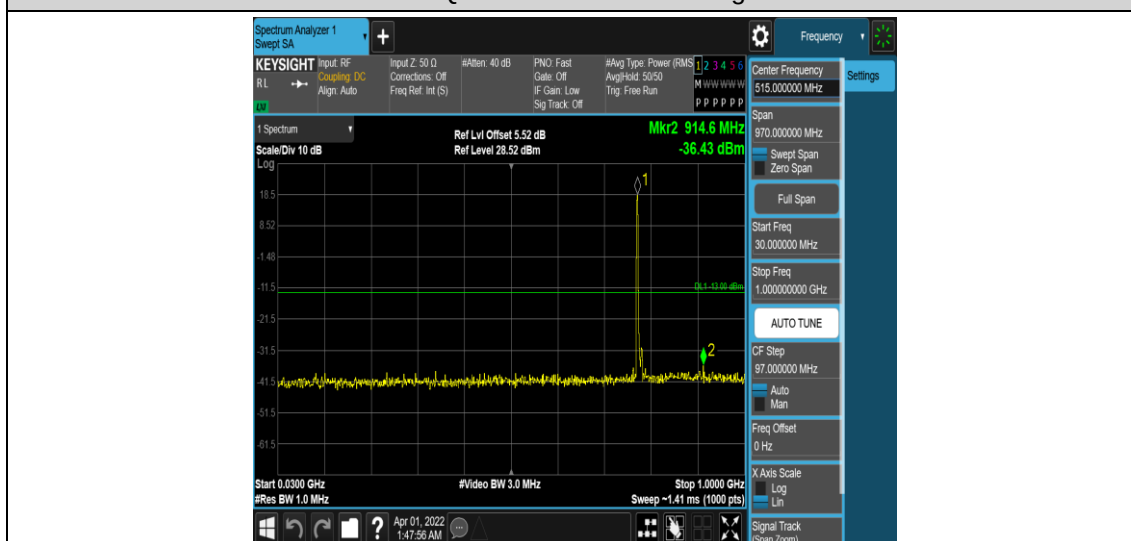
Band13-10MHz-QPSK-23230-1RB#0-Range7:1559~1610MHz



Band13-10MHz-16QAM-23230-1RB#0-Range1:0.009~0.15MHz



Band13-10MHz-16QAM-23230-1RB#0-Range2:0.15~30MHz



Band13-10MHz-16QAM-23230-1RB#0-Range3:30~1000MHz



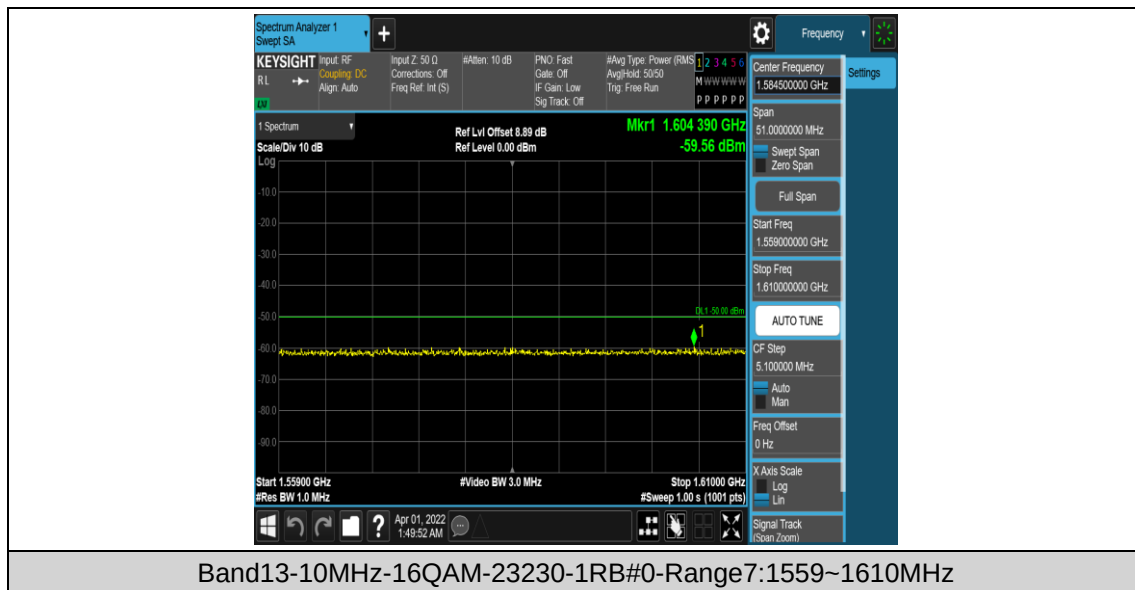
Band13-10MHz-16QAM-23230-1RB#0-Range5:763~775MHz



Band13-10MHz-16QAM-23230-1RB#0-Range6:793~805MHz



Band13-10MHz-16QAM-23230-1RB#0-Range4:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	3.75	0.004811	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-3.98	-0.005106	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-2.05	-0.002630	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-3.81	-0.004872	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	2.65	0.003389	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-2.95	-0.003772	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-1.73	-0.002205	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-4.66	-0.005940	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	-2.23	-0.002843	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-1.46	-0.001873	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	2.66	0.003412	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-1.75	-0.002245	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-1.50	-0.001918	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	1.65	0.002110	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	3.52	0.004501	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	2.62	0.003340	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	4.96	0.006322	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	2.07	0.002639	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-5.97	-0.007634	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-1.20	-0.001535	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	2.88	0.003683	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-5.71	-0.007302	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-3.99	-0.005102	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-4.75	-0.006074	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-1.50	-0.001924	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-5.69	-0.007300	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	1.60	0.002053	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-5.35	-0.006863	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	3.20	0.004105	±2.5	PASS

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Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-5.21	-0.006662	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-5.01	-0.006407	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	2.30	0.002941	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-2.72	-0.003478	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	1.10	0.001407	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-1.19	-0.001517	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-1.72	-0.002192	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	1.34	0.001708	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-3.16	-0.004028	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	-1.76	-0.002243	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-4.11	-0.005273	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	4.49	0.005760	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-5.56	-0.007133	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	3.28	0.004208	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-1.59	-0.002040	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-3.28	-0.004194	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-2.15	-0.002749	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	2.05	0.002621	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-2.55	-0.003261	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	2.17	0.002775	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	1.39	0.001772	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-3.33	-0.004245	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-3.68	-0.004691	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-1.86	-0.002371	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-3.66	-0.004665	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-3.92	-0.005013	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	4.05	0.005179	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	3.50	0.004476	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-2.15	-0.002749	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-4.84	-0.006189	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-2.03	-0.002596	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-4.89	-0.006253	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-5.44	-0.006957	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-4.66	-0.005959	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-4.66	-0.005959	±2.5	PASS