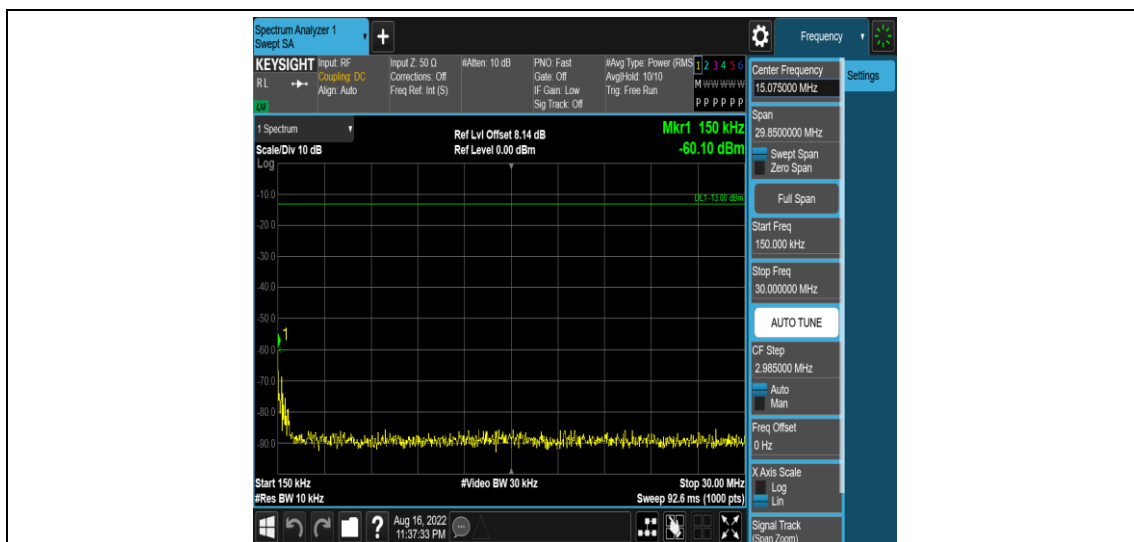
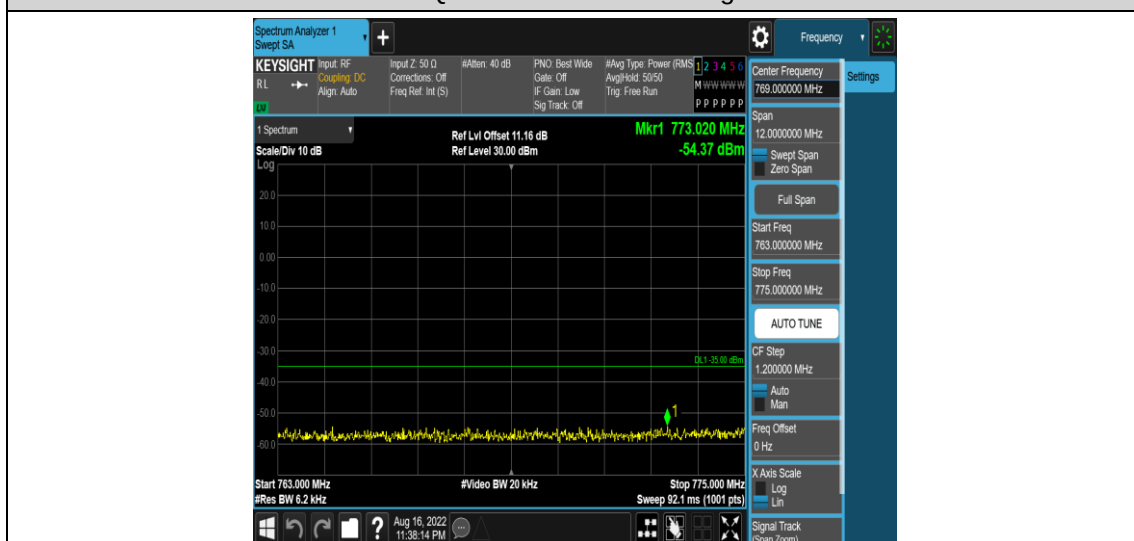




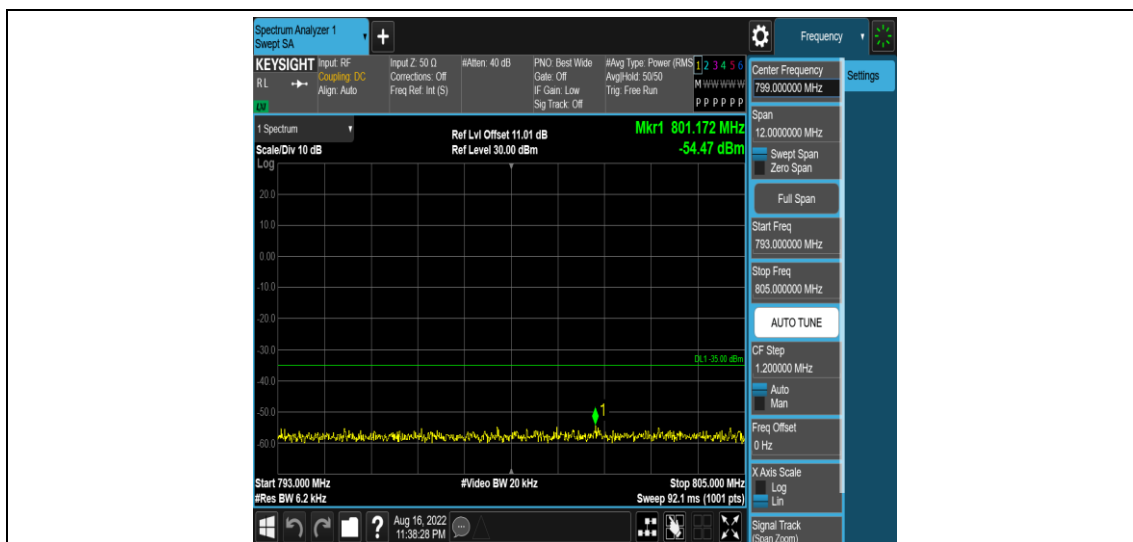
Band13-5MHz-16QAM-23205-1RB#0-Range2:0.15~30MHz



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



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



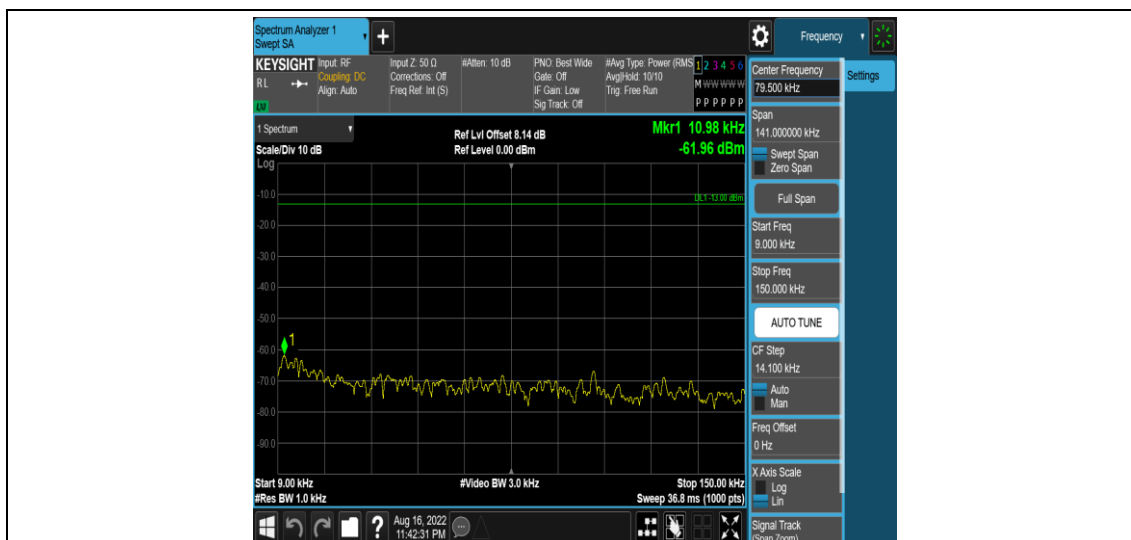
Band13-5MHz-16QAM-23205-1RB#0-Range6:793~805MHz



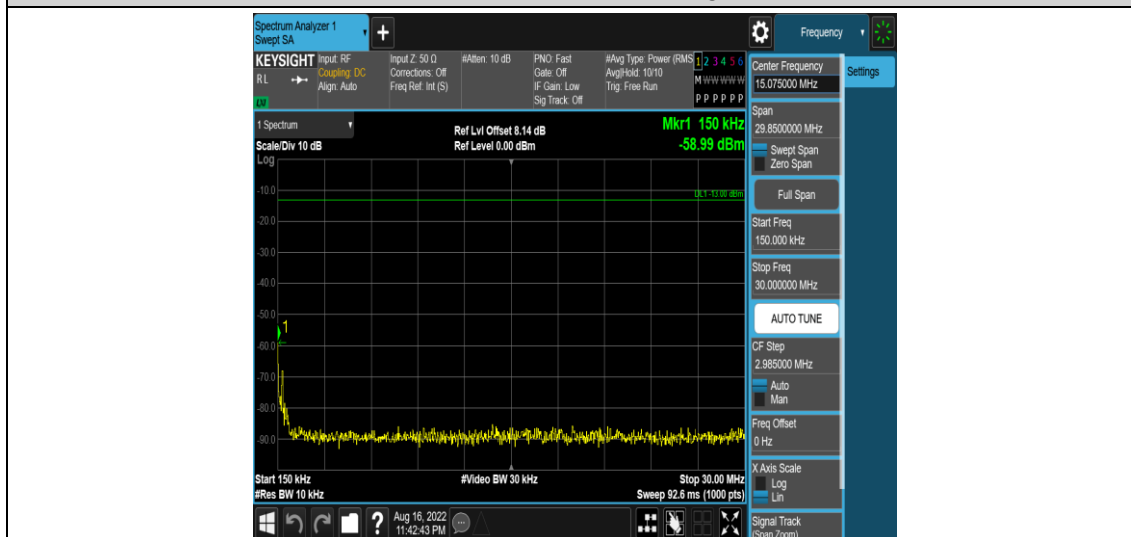
Band13-5MHz-16QAM-23205-1RB#0-Range4:1000~10000MHz



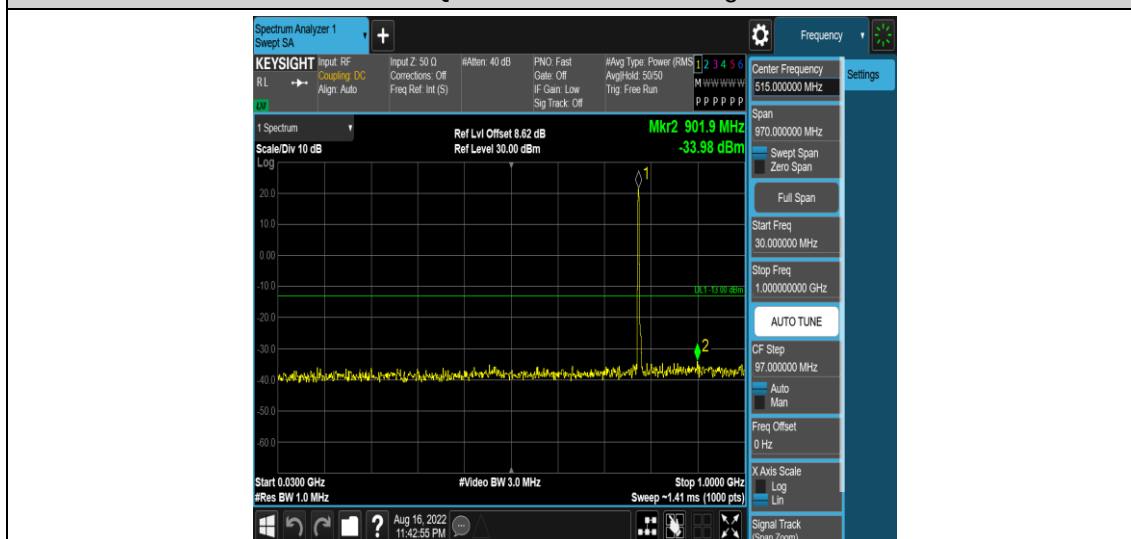
Band13-5MHz-16QAM-23205-1RB#0-Range7:1559~1610MHz



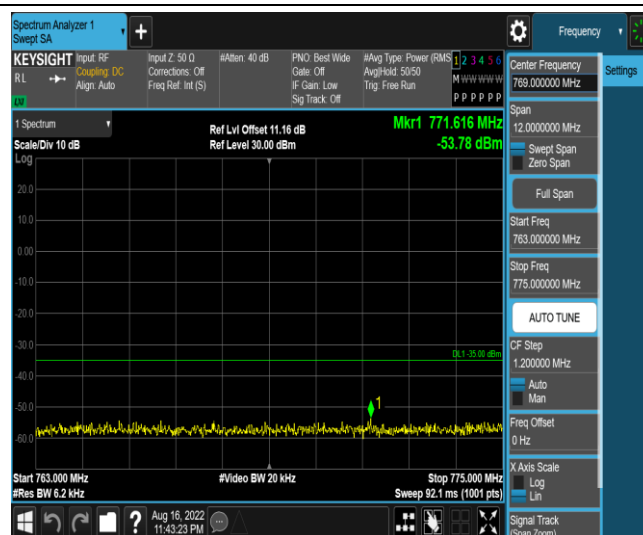
Band13-5MHz-16QAM-23230-1RB#0-Range1:0.009~0.15MHz



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



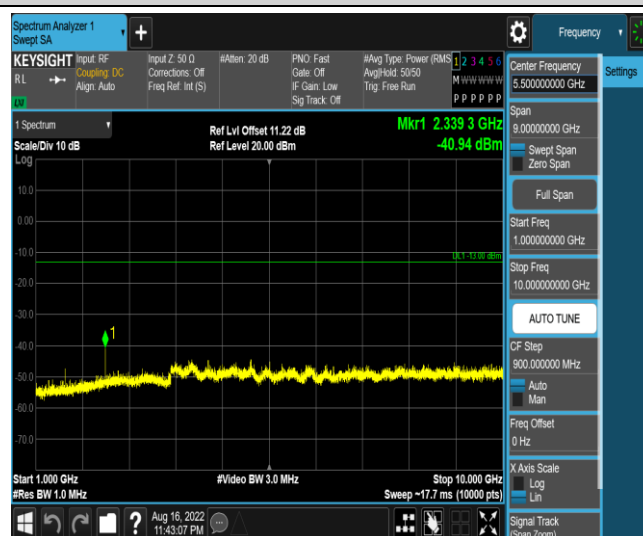
Band13-5MHz-16QAM-23230-1RB#0-Range3:30~1000MHz



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



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



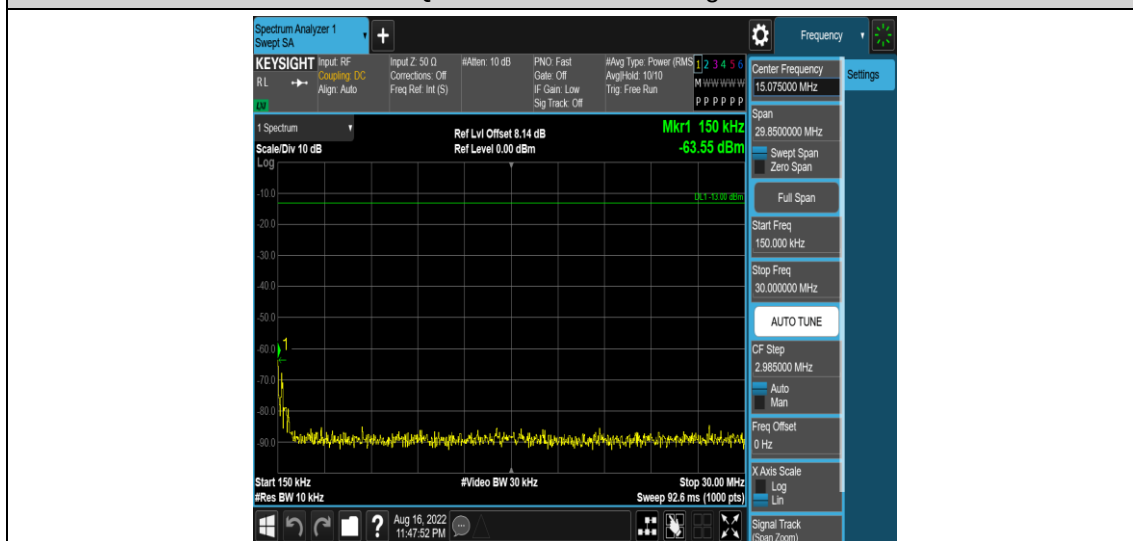
Band13-5MHz-16QAM-23230-1RB#0-Range4:1000~10000MHz



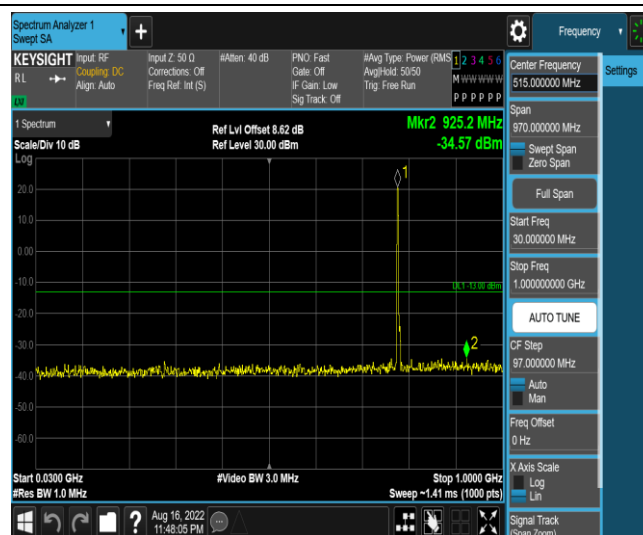
Band13-5MHz-16QAM-23230-1RB#0-Range7:1559~1610MHz



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



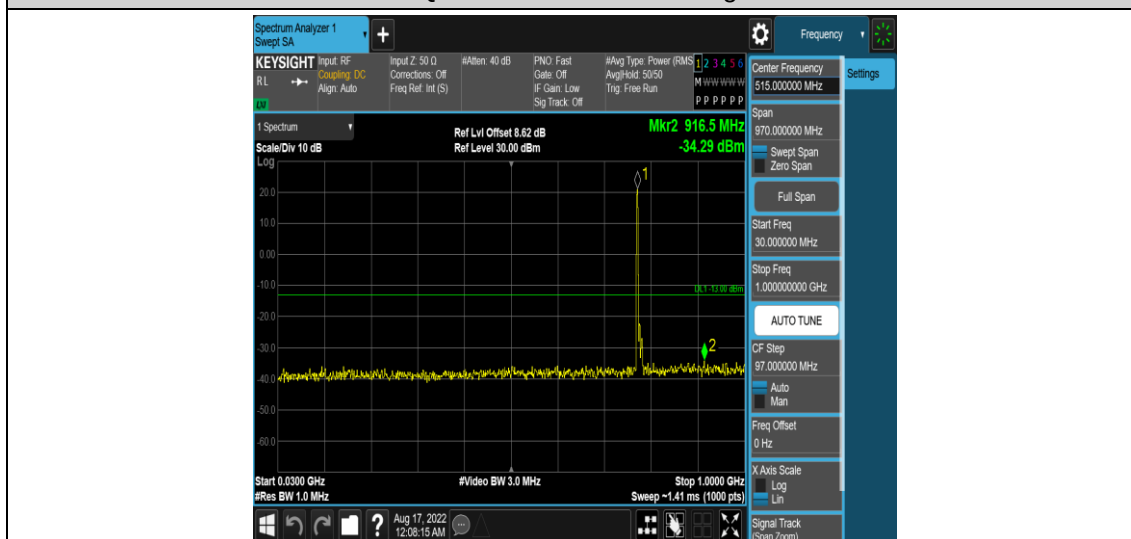
Band13-5MHz-16QAM-23255-1RB#0-Range7:1559~1610MHz



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



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



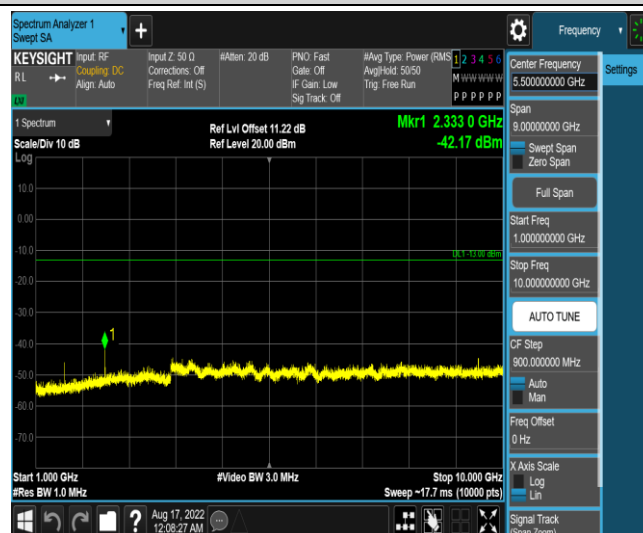
Band13-10MHz-QPSK-23230-1RB#0-Range3:30~1000MHz



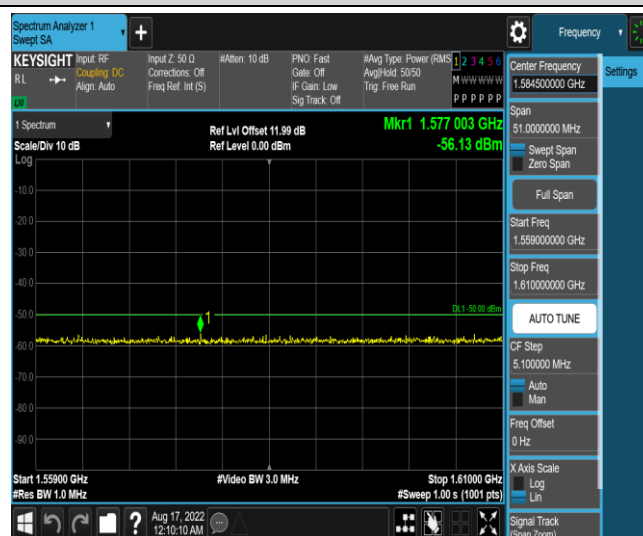
Band13-10MHz-QPSK-23230-1RB#0-Range5:763~775MHz



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



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



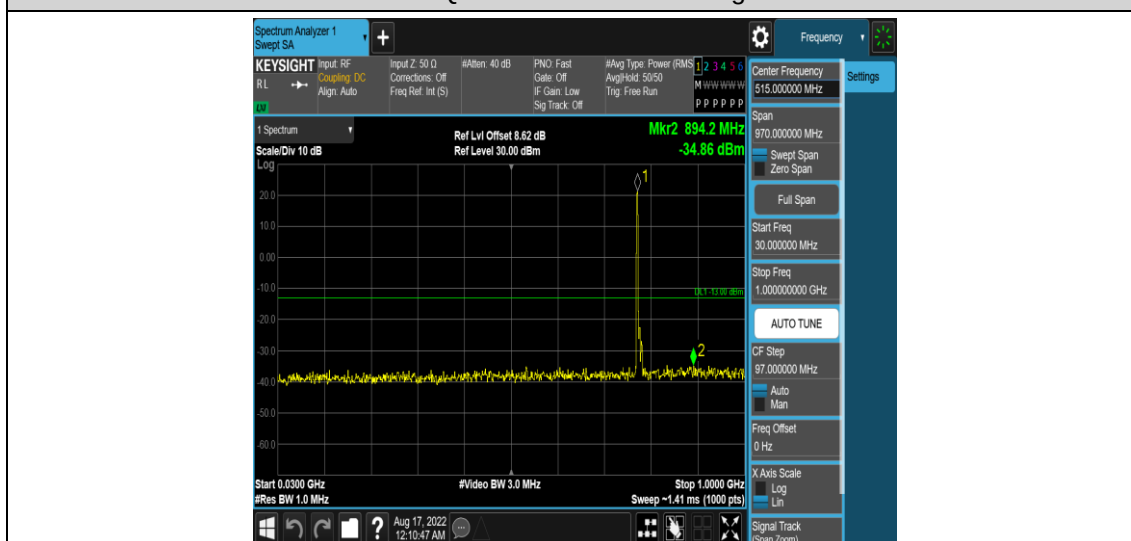
Band13-10MHz-QPSK-23230-1RB#0-Range7:1559~1610MHz



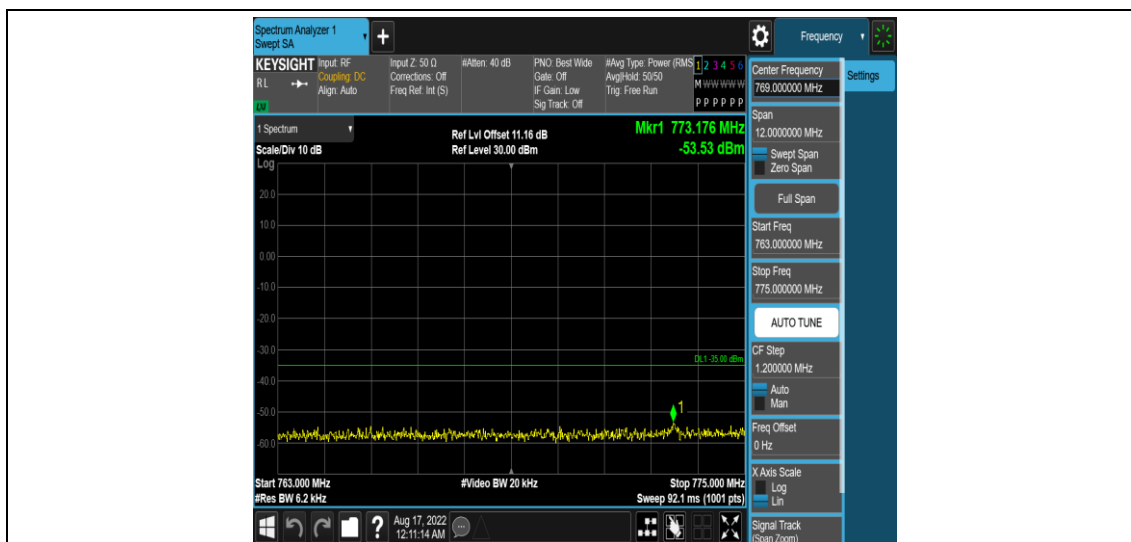
Band13-10MHz-16QAM-23230-1RB#0-Range1:0.009~0.15MHz



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



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



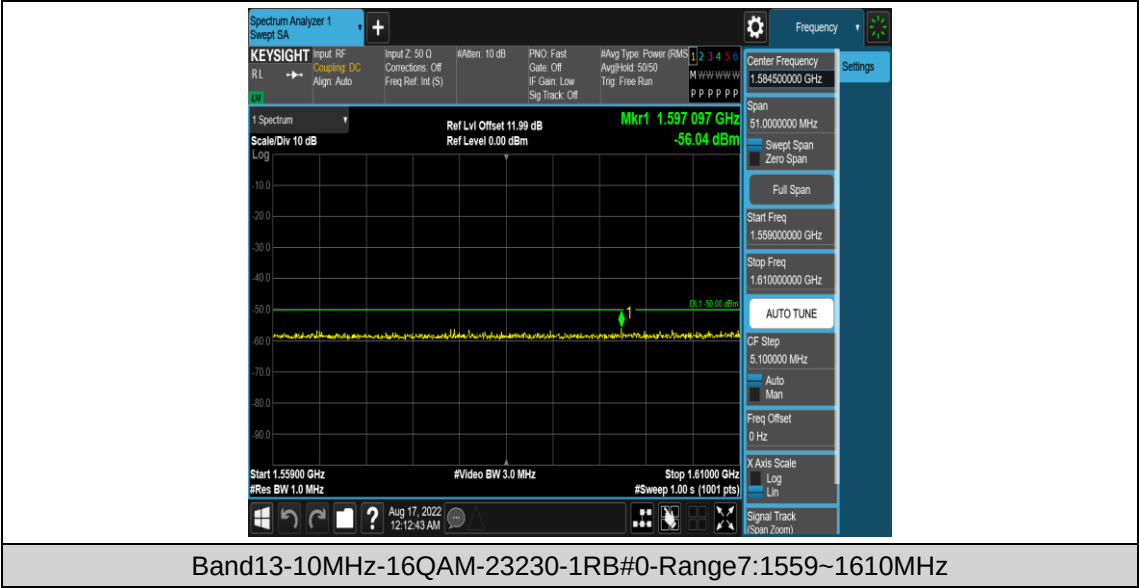
Band13-10MHz-16QAM-23230-1RB#0-Range5:763~775MHz



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	-10.39	-0.013329	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-5.64	-0.007235	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-8.45	-0.010840	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	7.97	0.010192	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	6.65	0.008504	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-3.75	-0.004795	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	6.79	0.008655	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-7.94	-0.010121	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	10.24	0.013053	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-10.11	-0.012970	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	5.52	0.007081	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-7.64	-0.009801	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	6.94	0.008875	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	7.78	0.009949	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-6.92	-0.008849	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-7.94	-0.010121	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	9.87	0.012581	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-6.32	-0.008056	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-9.63	-0.012315	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-8.70	-0.011125	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-10.19	-0.013031	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-1.97	-0.002519	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-8.73	-0.011164	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-9.44	-0.012072	±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	-7.05	-0.009044	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-8.41	-0.010789	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-8.38	-0.010750	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	5.44	0.006979	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-8.51	-0.010917	±2.5	PASS

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Band13	5MHz	QPSK	23230	25RB#0	NV	-30	-7.85	-0.010038	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	6.67	0.008529	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	8.80	0.011253	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	5.31	0.006790	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	-8.11	-0.010371	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	7.01	0.008936	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	6.82	0.008693	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	8.17	0.010414	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	-4.76	-0.006068	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	6.08	0.007750	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-7.74	-0.009929	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-9.03	-0.011584	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	8.23	0.010558	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-6.82	-0.008749	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-9.30	-0.011931	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-7.34	-0.009386	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-6.94	-0.008875	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-7.47	-0.009552	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-7.57	-0.009680	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	7.81	0.009987	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	9.03	0.011511	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	9.98	0.012721	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-5.79	-0.007380	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	8.67	0.011052	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	8.70	0.011090	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-8.78	-0.011228	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-0.79	-0.001010	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-1.23	-0.001573	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-2.99	-0.003824	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-7.82	-0.010000	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-8.04	-0.010281	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-1.96	-0.002506	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-9.46	-0.012097	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-1.83	-0.002340	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	8.21	0.010499	±2.5	PASS