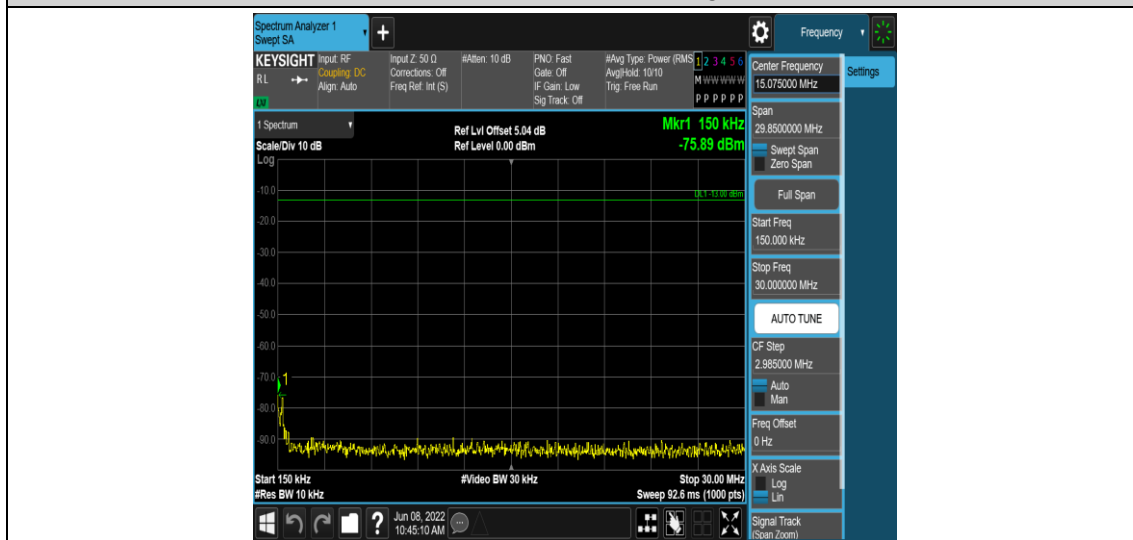




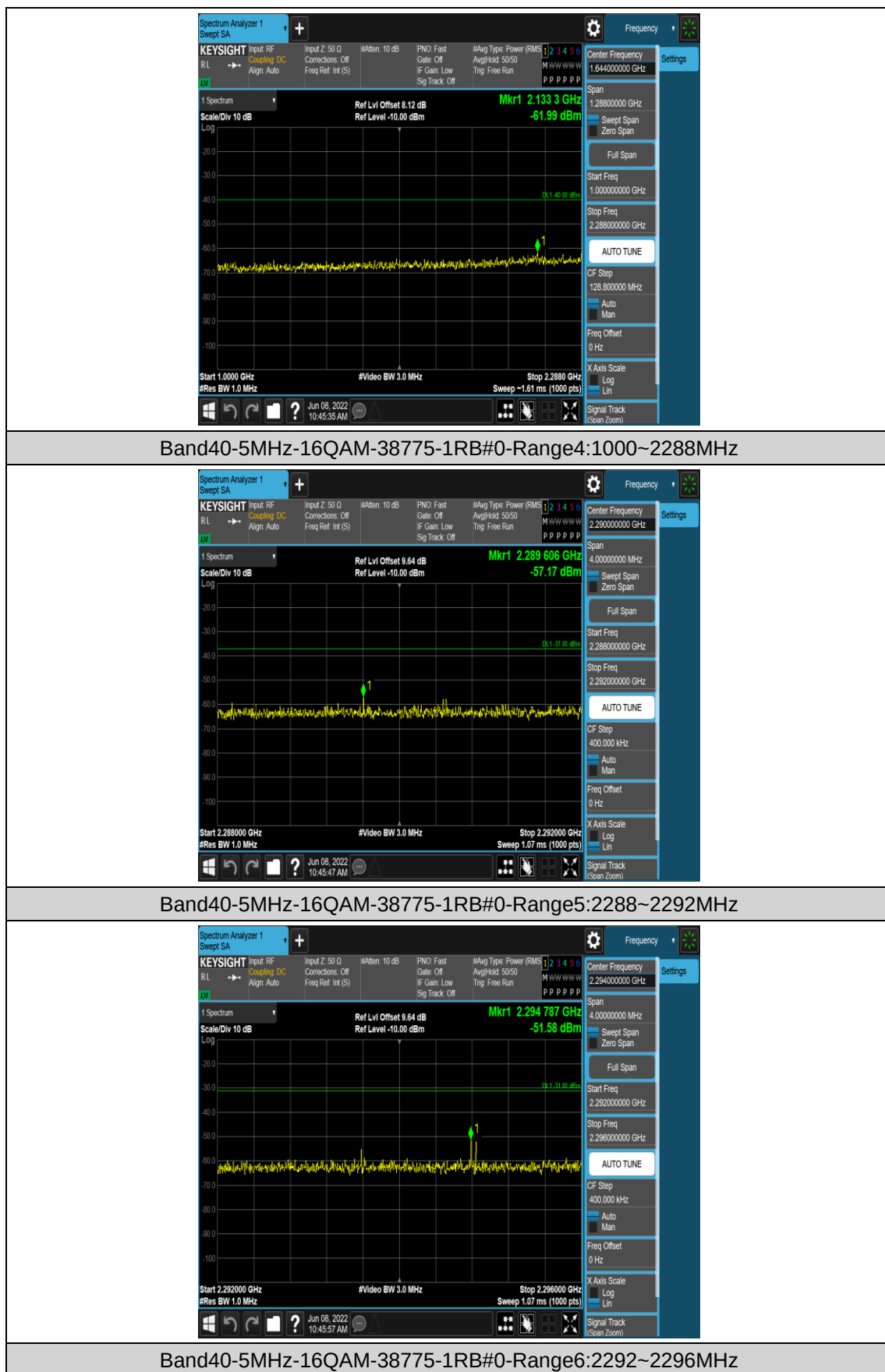
Band40-5MHz-16QAM-38775-1RB#0-Range1:0.009~0.15MHz

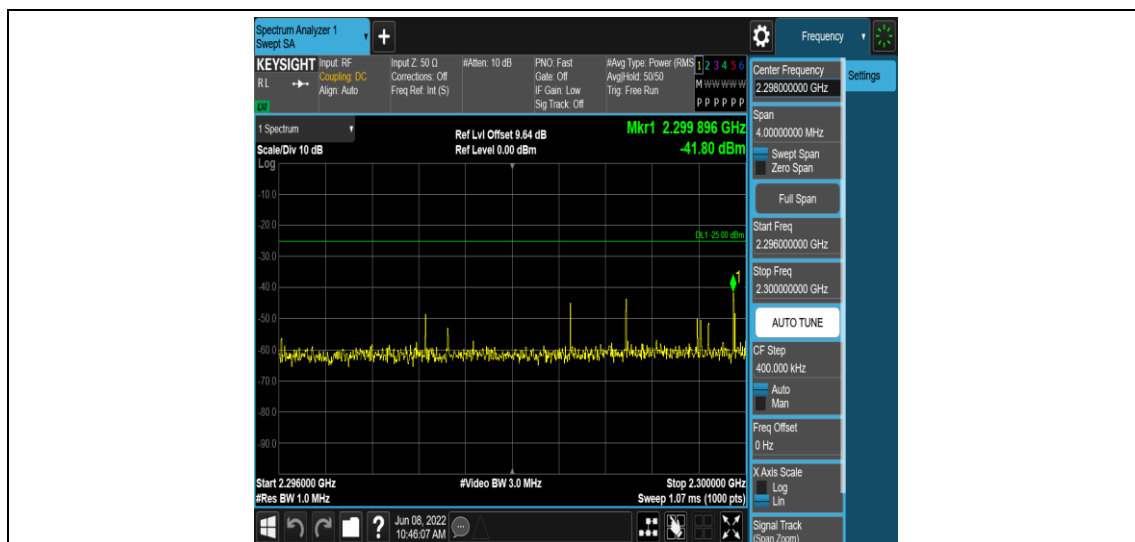


Band40-5MHz-16QAM-38775-1RB#0-Range2:0.15~30MHz

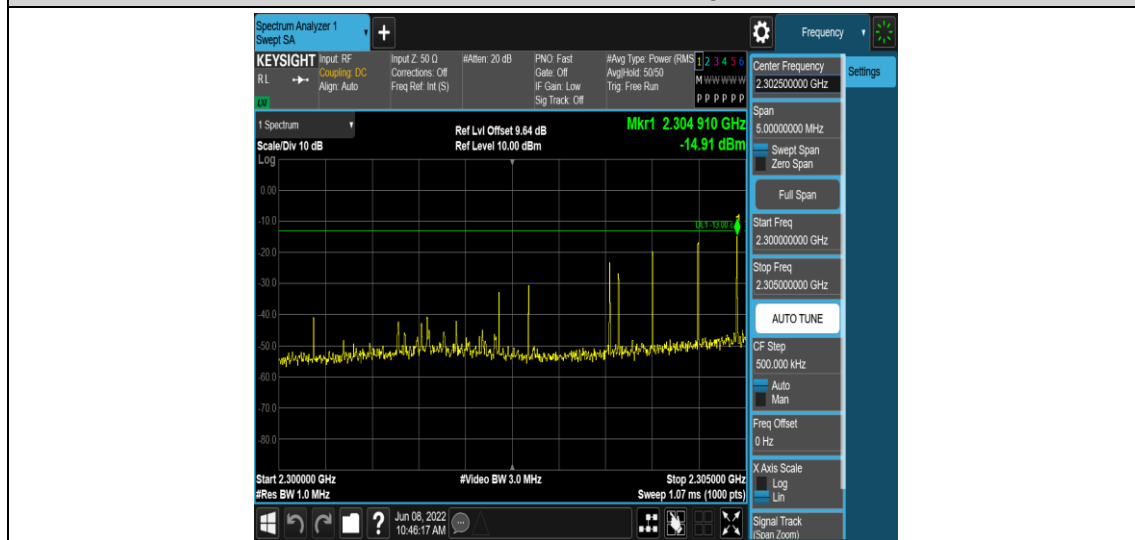


Band40-5MHz-16QAM-38775-1RB#0-Range3:30~1000MHz

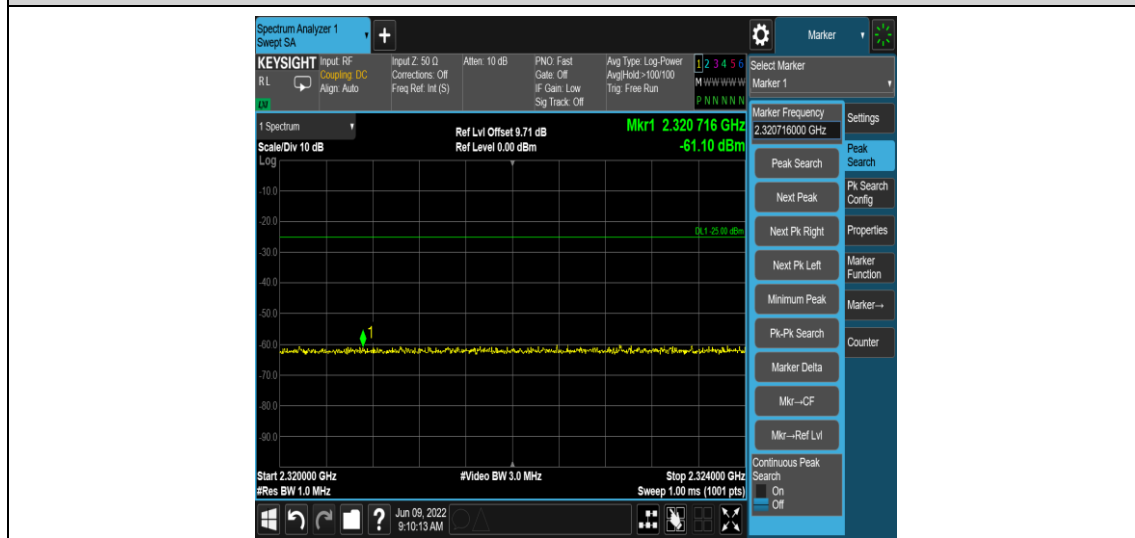




Band40-5MHz-16QAM-38775-1RB#0-Range7:2296~2300MHz



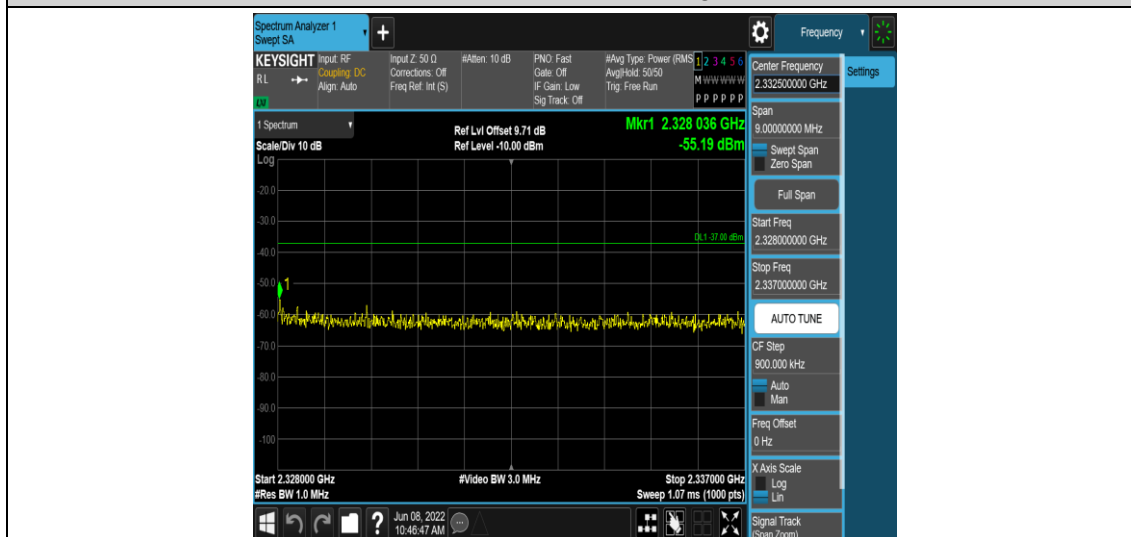
Band40-5MHz-16QAM-38775-1RB#0-Range8:2300~2305MHz



Band40-5MHz-16QAM-38775-1RB#0-Range9:2320~2324MHz



Band40-5MHz-16QAM-38775-1RB#0-Range10:2324~2328MHz



Band40-5MHz-16QAM-38775-1RB#0-Range11:2328~2337MHz



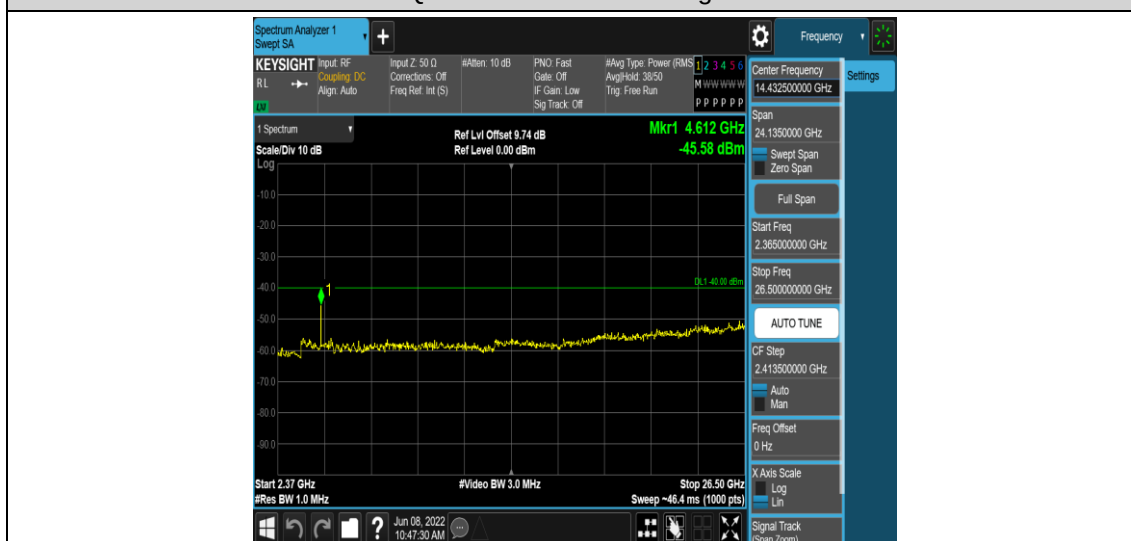
Band40-5MHz-16QAM-38775-1RB#0-Range12:2337~2341MHz



Band40-5MHz-16QAM-38775-1RB#0-Range13:2341~2345MHz



Band40-5MHz-16QAM-38775-1RB#0-Range14:2360~2365MHz



Band40-5MHz-16QAM-38775-1RB#0-Range15:2365~26500MHz



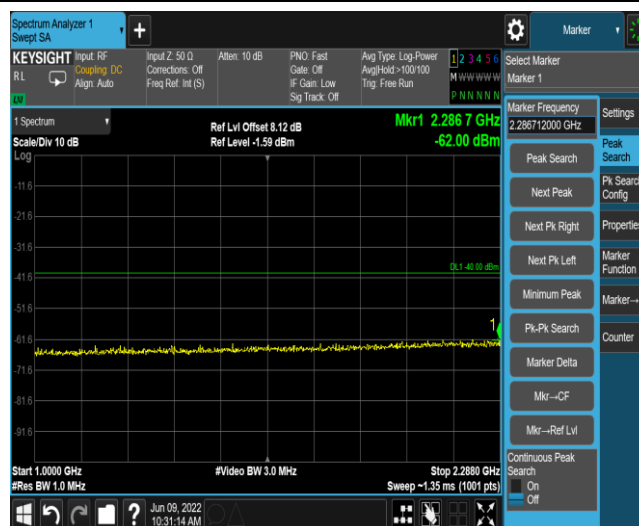
Band40-10MHz-QPSK-38750-1RB#0-Range1:0.009~0.15MHz



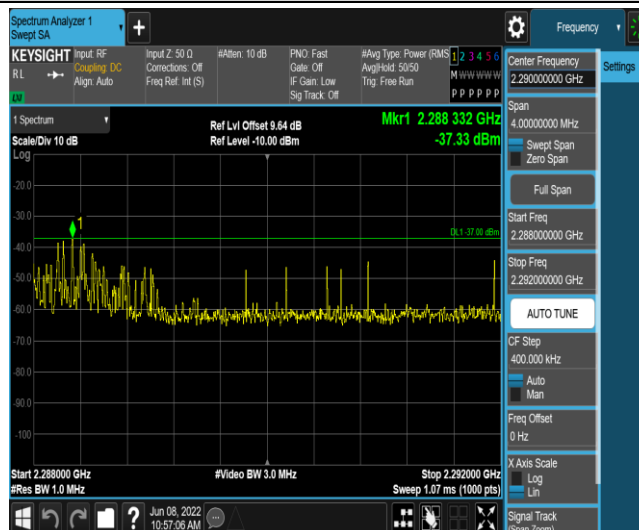
Band40-10MHz-QPSK-38750-1RB#0-Range2:0.15~30MHz



Band40-10MHz-QPSK-38750-1RB#0-Range3:30~1000MHz



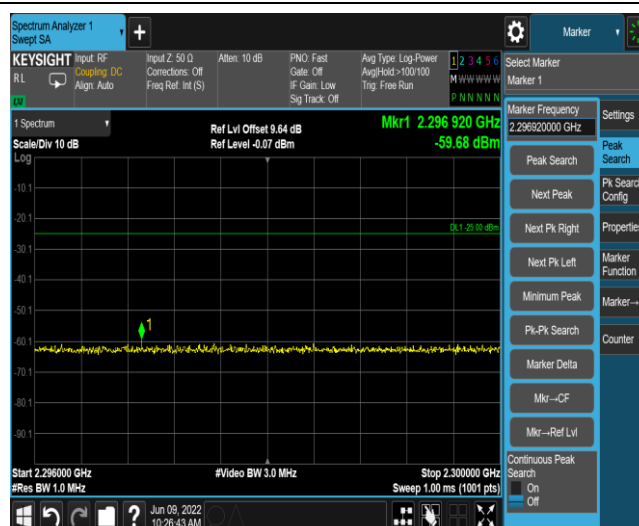
Band40-10MHz-QPSK-38750-1RB#0-Range4:1000~2288MHz



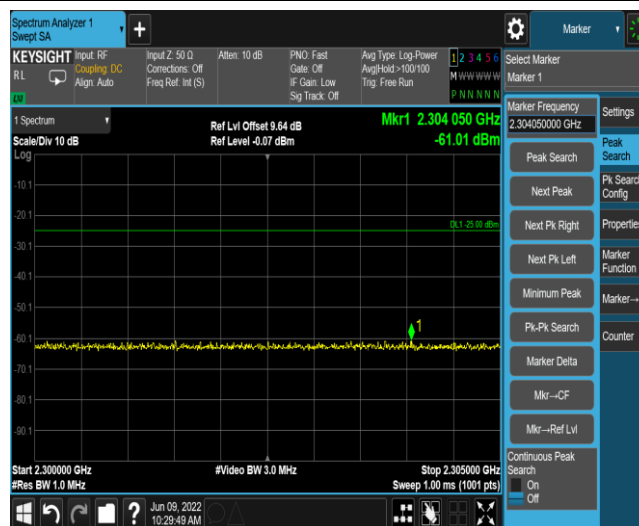
Band40-10MHz-QPSK-38750-1RB#0-Range5:2288~2292MHz



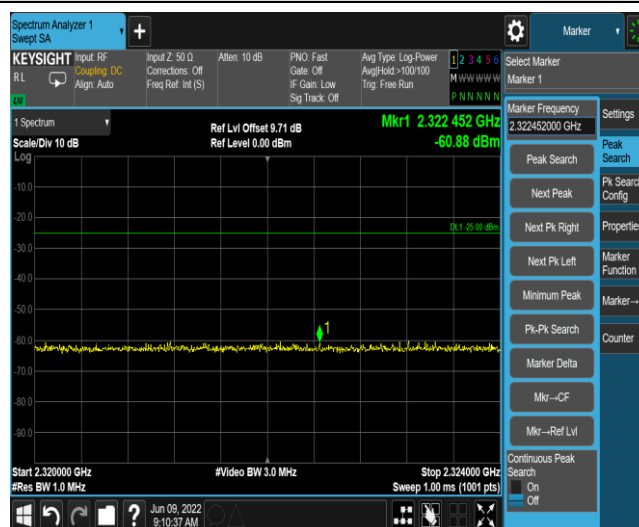
Band40-10MHz-QPSK-38750-1RB#0-Range6:2292~2296MHz



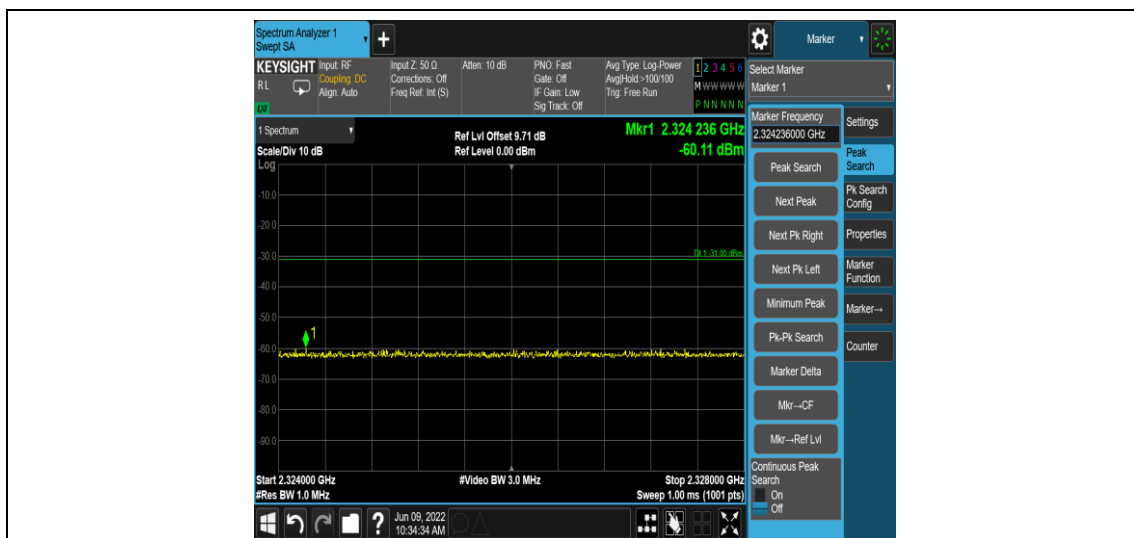
Band40-10MHz-QPSK-38750-1RB#0-Range7:2296~2300MHz



Band40-10MHz-QPSK-38750-1RB#0-Range8:2300~2305MHz



Band40-10MHz-QPSK-38750-1RB#0-Range9:2320~2324MHz



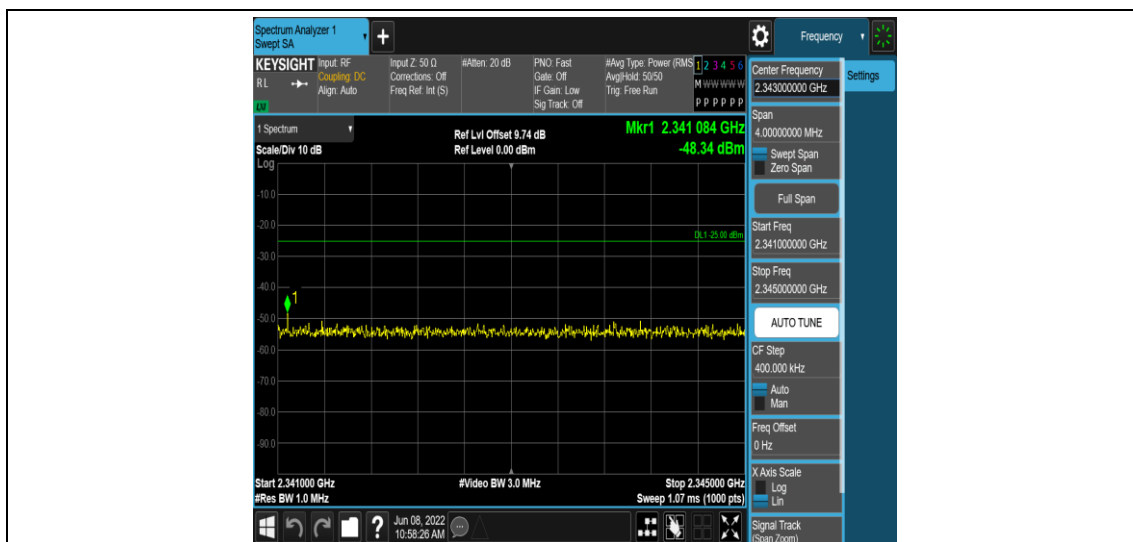
Band40-10MHz-QPSK-38750-1RB#0-Range10:2324~2328MHz



Band40-10MHz-QPSK-38750-1RB#0-Range11:2328~2337MHz



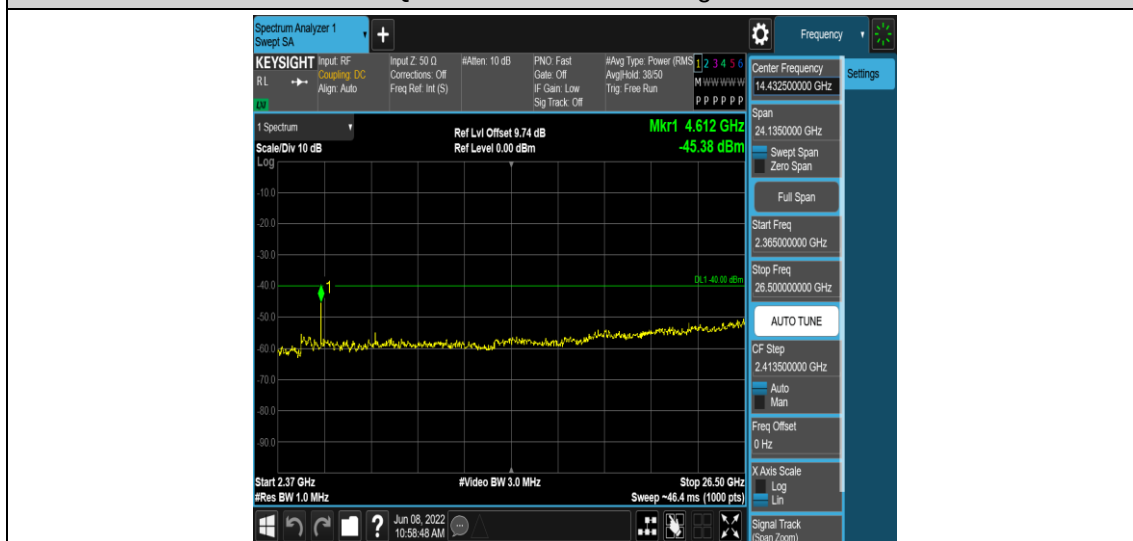
Band40-10MHz-QPSK-38750-1RB#0-Range12:2337~2341MHz



Band40-10MHz-QPSK-38750-1RB#0-Range13:2341~2345MHz



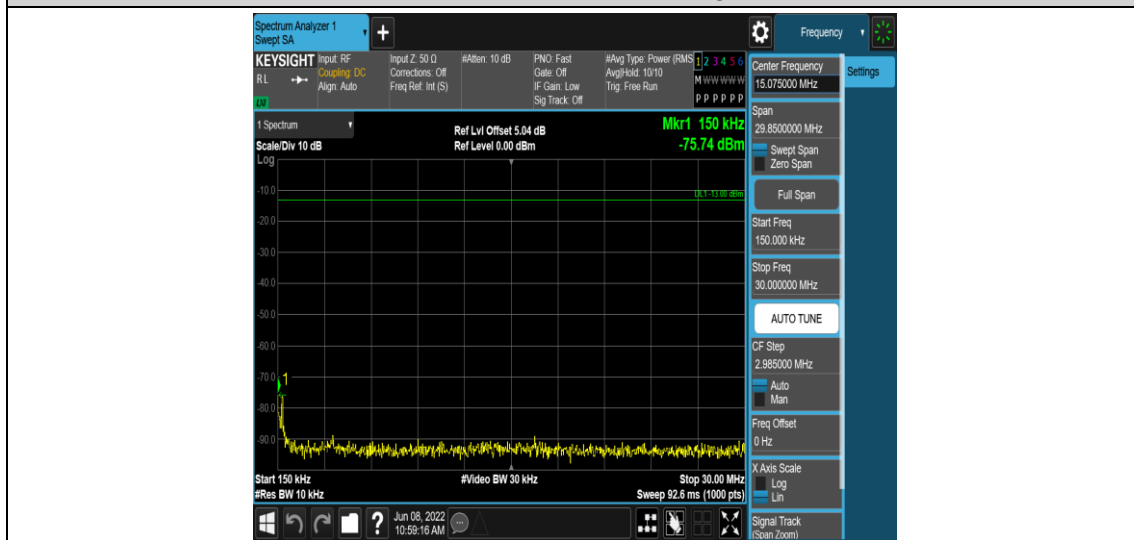
Band40-10MHz-QPSK-38750-1RB#0-Range14:2360~2365MHz



Band40-10MHz-QPSK-38750-1RB#0-Range15:2365~26500MHz



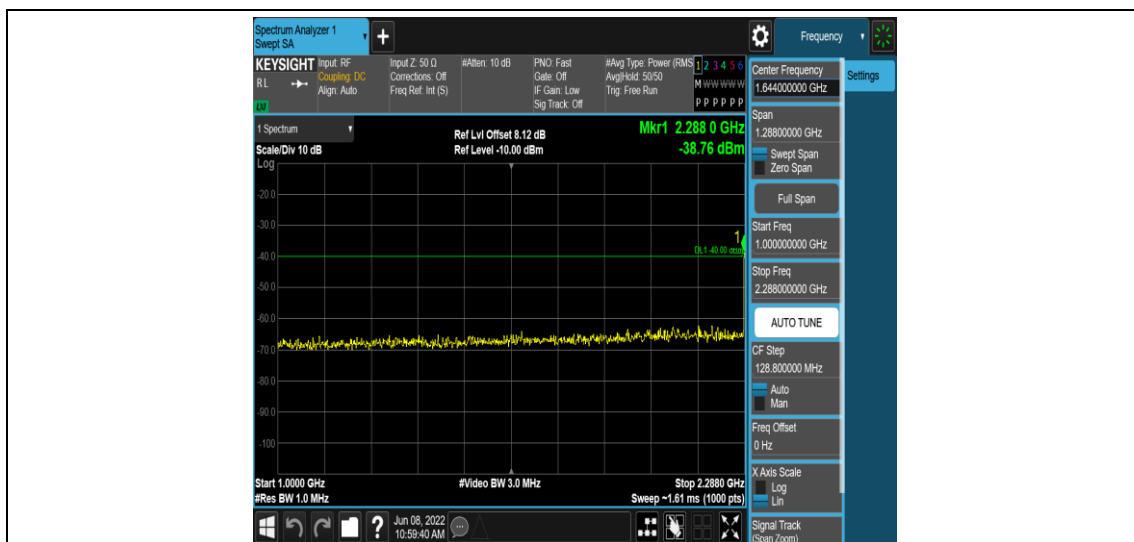
Band40-10MHz-16QAM-38750-1RB#0-Range1:0.009~0.15MHz



Band40-10MHz-16QAM-38750-1RB#0-Range2:0.15~30MHz



Band40-10MHz-16QAM-38750-1RB#0-Range3:30~1000MHz



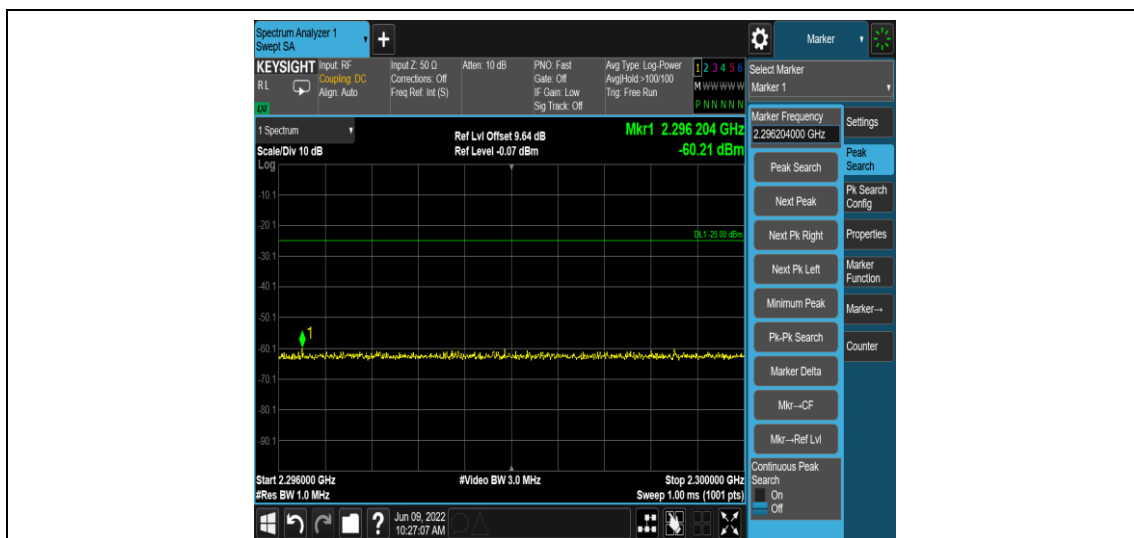
Band40-10MHz-16QAM-38750-1RB#0-Range4:1000~2288MHz



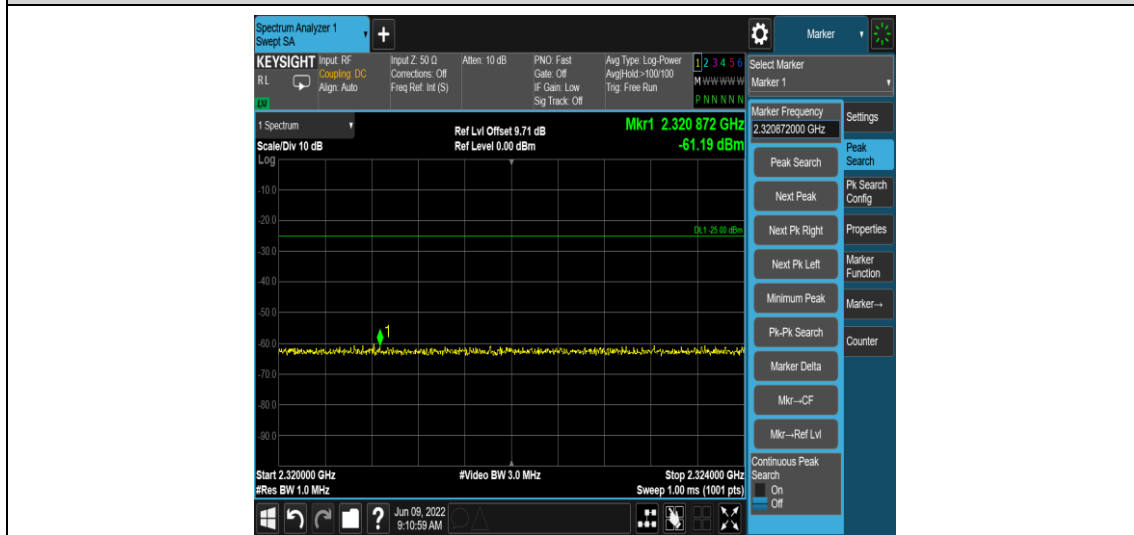
Band40-10MHz-16QAM-38750-1RB#0-Range5:2288~2292MHz



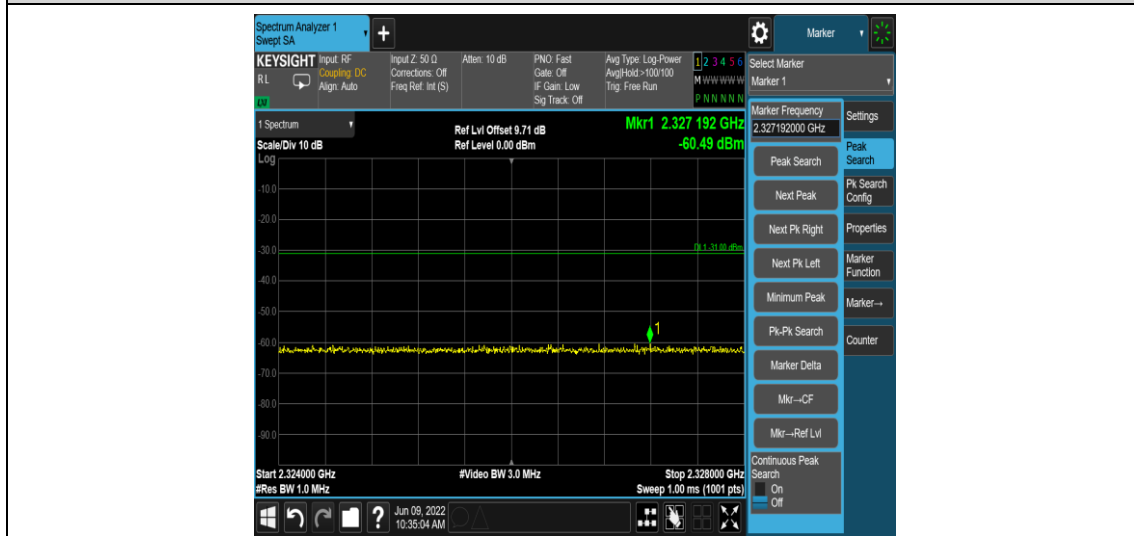
Band40-10MHz-16QAM-38750-1RB#0-Range6:2292~2296MHz



Band40-10MHz-16QAM-38750-1RB#0-Range7:2296~2300MHz



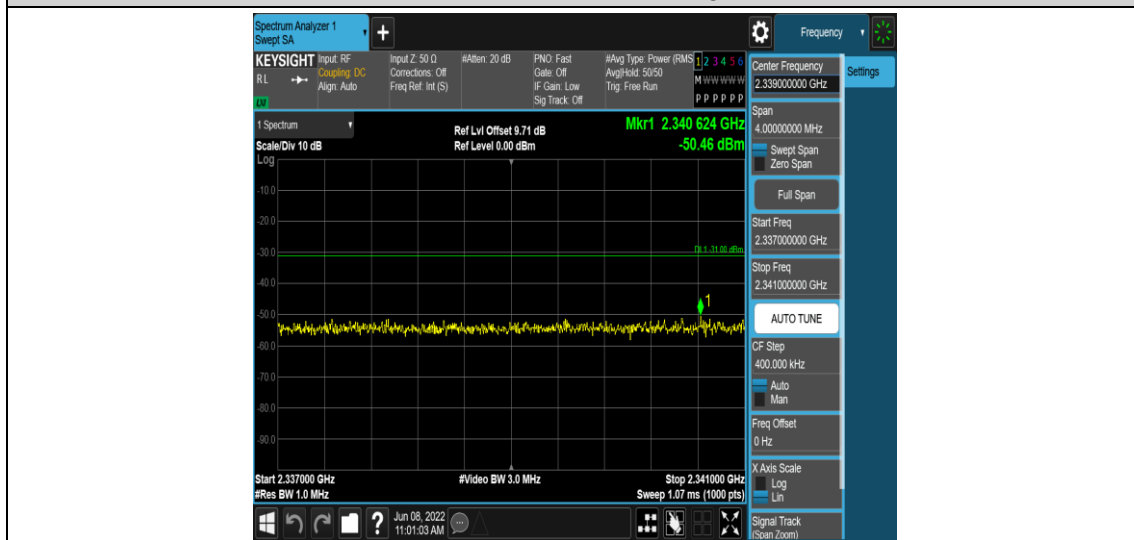
Band40-10MHz-16QAM-38750-1RB#0-Range8:2300~2305MHz



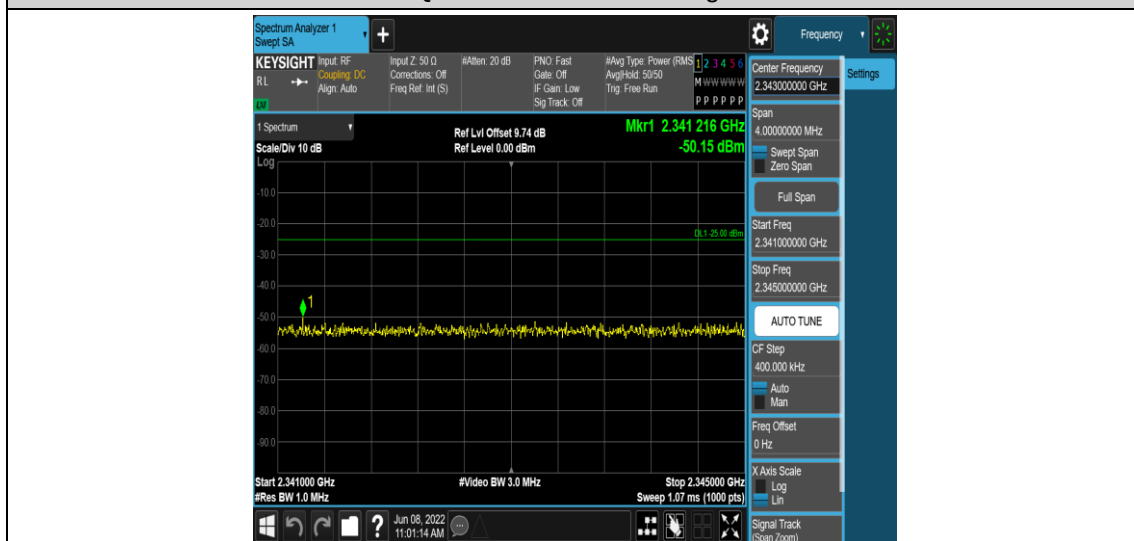
Band40-10MHz-16QAM-38750-1RB#0-Range10:2324~2328MHz



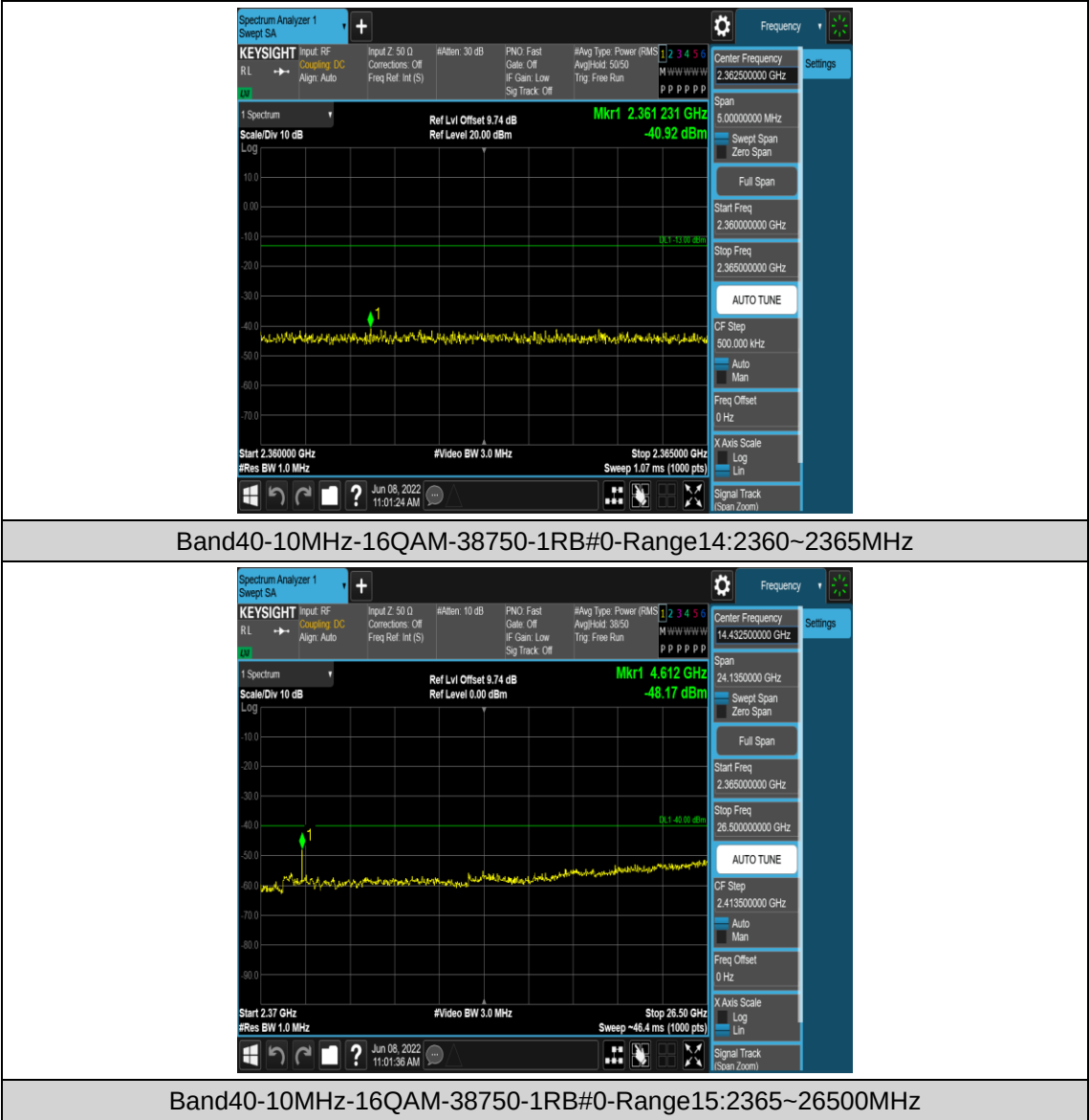
Band40-10MHz-16QAM-38750-1RB#0-Range11:2328~2337MHz



Band40-10MHz-16QAM-38750-1RB#0-Range12:2337~2341MHz



Band40-10MHz-16QAM-38750-1RB#0-Range13:2341~2345MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	VL	NT	14.79	0.006410	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	VN	NT	2.66	0.001153	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	VH	NT	-3.35	-0.001452	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VL	NT	-6.94	-0.003004	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VN	NT	-12.87	-0.005571	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VH	NT	-15.64	-0.006771	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VL	NT	-12.20	-0.005276	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VN	NT	-3.93	-0.001699	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VH	NT	-10.09	-0.004363	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	VL	NT	8.25	0.003575	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	VN	NT	-3.15	-0.001365	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	VH	NT	-8.97	-0.003887	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	VL	NT	-7.04	-0.003048	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	VN	NT	-7.35	-0.003182	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	VH	NT	-18.42	-0.007974	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	VL	NT	8.35	0.003611	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	VN	NT	-6.71	-0.002902	±2.5	PASS

Band4 0	5MHz	16QAM	38775	25RB#0	VH	NT	7.10	0.003070	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	VL	NT	-18.41	-0.007970	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	VN	NT	-17.81	-0.007710	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	VH	NT	-17.01	-0.007364	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	VL	NT	-16.84	-0.007290	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	VN	NT	-15.86	-0.006866	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	VH	NT	-16.97	-0.007346	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4 0	5MHz	QPSK	38725	25RB#0	NV	-30	14.88	0.006449	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	-20	11.56	0.005010	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	0	-5.84	-0.002531	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	10	-3.93	-0.001703	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	20	-6.64	-0.002878	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	-30	-6.28	-0.002719	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	-20	-15.22	-0.006589	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	0	-2.93	-0.001268	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	10	-12.67	-0.005485	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	20	-9.11	-0.003944	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	-30	-6.35	-0.002746	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	-20	-7.11	-0.003075	±2.5	PASS

Band4 0	5MHz	QPSK	38775	25RB#0	NV	0	-8.43	-0.003645	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	10	-7.35	-0.003178	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	20	6.31	0.002729	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	-30	8.48	0.003675	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	-20	7.17	0.003107	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	0	6.72	0.002912	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	10	-9.03	-0.003913	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	20	-8.73	-0.003783	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	-30	-8.94	-0.003870	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	-20	-8.74	-0.003784	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	0	-9.14	-0.003957	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	10	5.04	0.002182	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	20	-13.05	-0.005649	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	-30	-6.04	-0.002612	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	-20	-8.25	-0.003568	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	0	4.35	0.001881	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	10	-9.47	-0.004095	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	20	-9.36	-0.004048	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	-30	-21.09	-0.009130	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	-20	-12.33	-0.005338	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	0	-11.64	-0.005039	±2.5	PASS

Band4 0	10MHz	QPSK	38750	50RB#0	NV	10	-22.12	-0.009576	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	20	-16.79	-0.007268	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	-30	-18.40	-0.007965	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	-20	-20.99	-0.009087	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	0	-17.15	-0.007424	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	10	-17.02	-0.007368	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	20	-17.24	-0.007463	±2.5	PASS