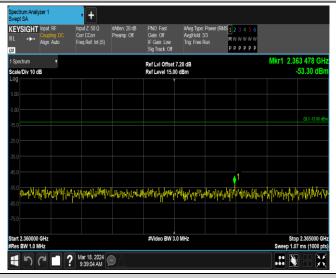


#### Band40-5MHz-QPSK-38775-1RB#0-Range12:2360~2365MHz

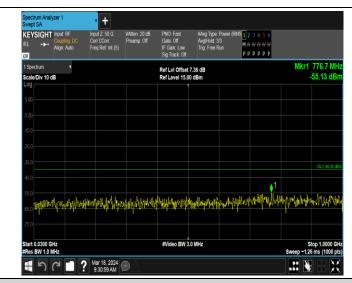


#### Band40-5MHz-QPSK-38775-1RB#0-Range13:2365~26500MHz

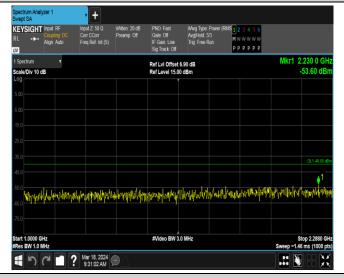


Band40-5MHz-16QAM-38725-1RB#0-Range1:30~1000MHz



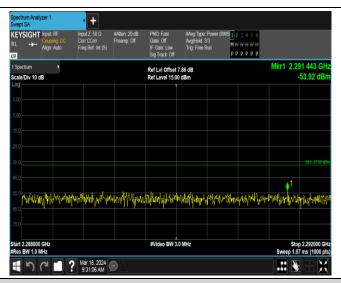


#### Band40-5MHz-16QAM-38725-1RB#0-Range2:1000~2288MHz

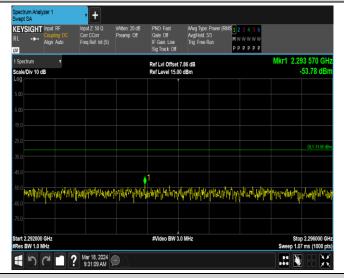


Band40-5MHz-16QAM-38725-1RB#0-Range3:2288~2292MHz



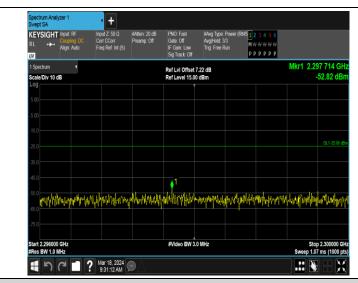


#### Band40-5MHz-16QAM-38725-1RB#0-Range4:2292~2296MHz

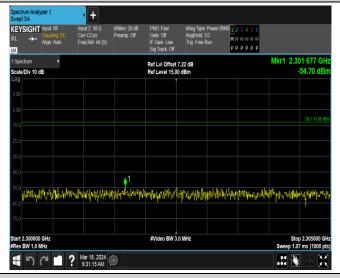


Band40-5MHz-16QAM-38725-1RB#0-Range5:2296~2300MHz



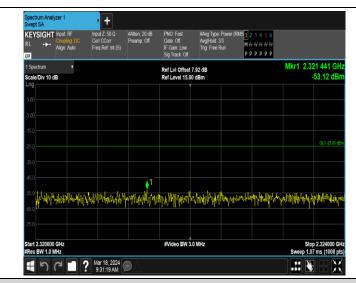


#### Band40-5MHz-16QAM-38725-1RB#0-Range6:2300~2305MHz

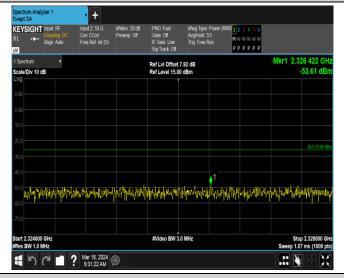


Band40-5MHz-16QAM-38725-1RB#0-Range7:2320~2324MHz



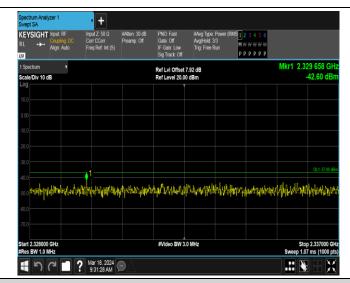


Band40-5MHz-16QAM-38725-1RB#0-Range8:2324~2328MHz

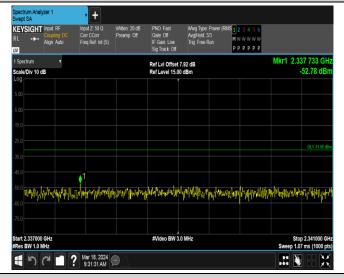


Band40-5MHz-16QAM-38725-1RB#0-Range9:2328~2337MHz



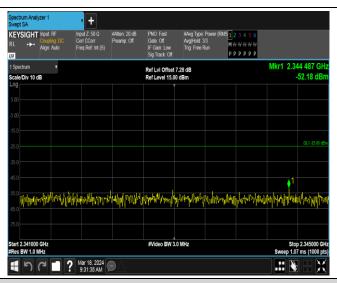


#### Band40-5MHz-16QAM-38725-1RB#0-Range10:2337~2341MHz

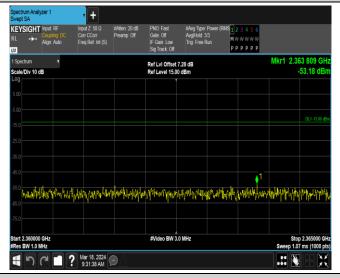


Band40-5MHz-16QAM-38725-1RB#0-Range11:2341~2345MHz





#### Band40-5MHz-16QAM-38725-1RB#0-Range12:2360~2365MHz

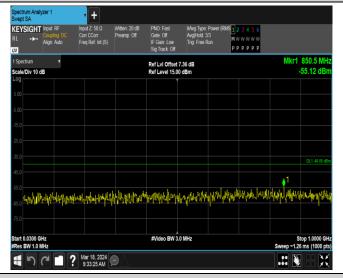


Band40-5MHz-16QAM-38725-1RB#0-Range13:2365~26500MHz



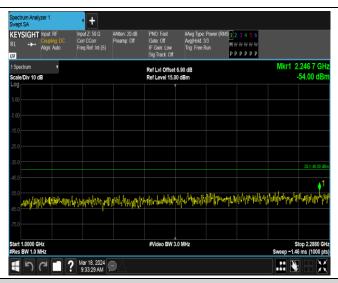


Band40-5MHz-16QAM-38750-1RB#0-Range1:30~1000MHz



Band40-5MHz-16QAM-38750-1RB#0-Range2:1000~2288MHz



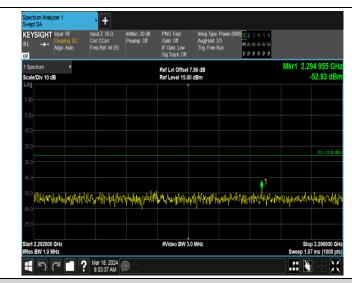


#### Band40-5MHz-16QAM-38750-1RB#0-Range3:2288~2292MHz

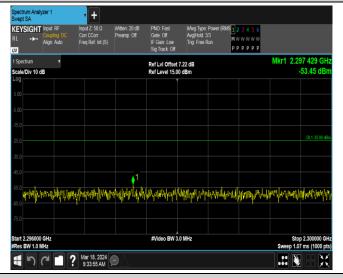


Band40-5MHz-16QAM-38750-1RB#0-Range4:2292~2296MHz



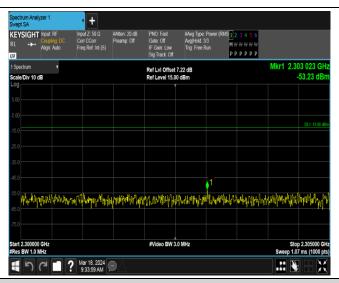


#### Band40-5MHz-16QAM-38750-1RB#0-Range5:2296~2300MHz

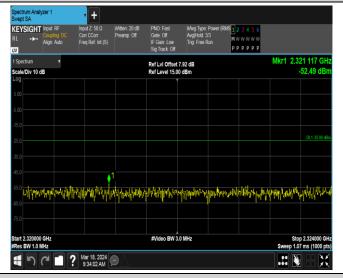


Band40-5MHz-16QAM-38750-1RB#0-Range6:2300~2305MHz



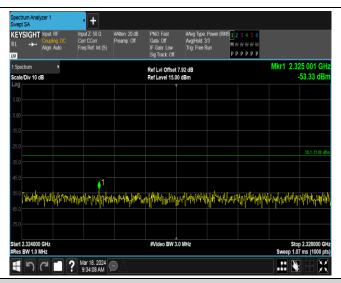


#### Band40-5MHz-16QAM-38750-1RB#0-Range7:2320~2324MHz

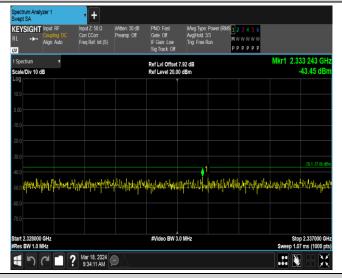


Band40-5MHz-16QAM-38750-1RB#0-Range8:2324~2328MHz



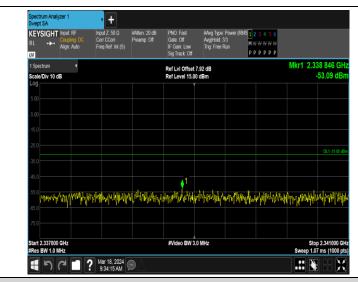


#### Band40-5MHz-16QAM-38750-1RB#0-Range9:2328~2337MHz

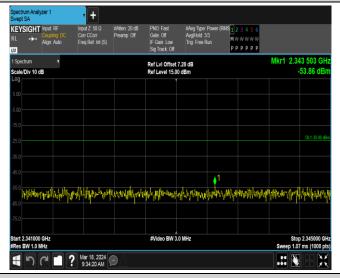


Band40-5MHz-16QAM-38750-1RB#0-Range10:2337~2341MHz



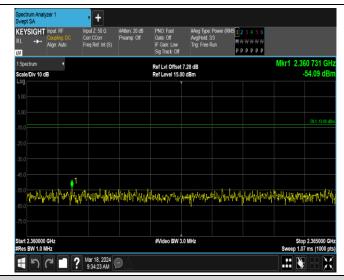


Band40-5MHz-16QAM-38750-1RB#0-Range11:2341~2345MHz

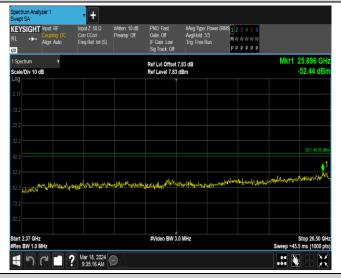


Band40-5MHz-16QAM-38750-1RB#0-Range12:2360~2365MHz



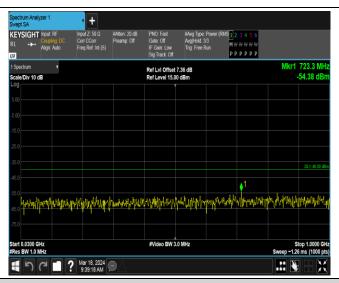


Band40-5MHz-16QAM-38750-1RB#0-Range13:2365~26500MHz

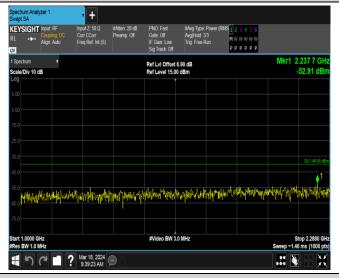


Band40-5MHz-16QAM-38775-1RB#0-Range1:30~1000MHz



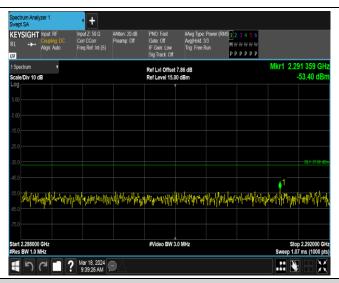


#### Band40-5MHz-16QAM-38775-1RB#0-Range2:1000~2288MHz

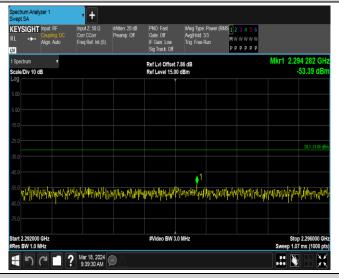


Band40-5MHz-16QAM-38775-1RB#0-Range3:2288~2292MHz



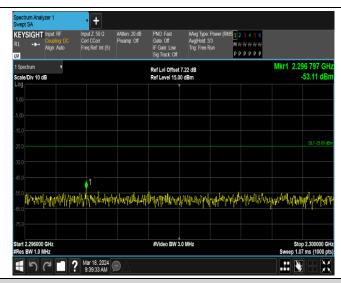


#### Band40-5MHz-16QAM-38775-1RB#0-Range4:2292~2296MHz

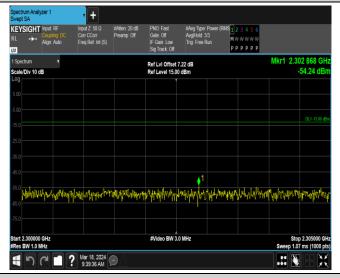


Band40-5MHz-16QAM-38775-1RB#0-Range5:2296~2300MHz



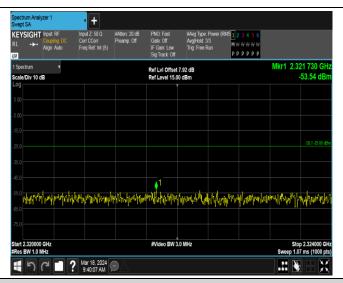


#### Band40-5MHz-16QAM-38775-1RB#0-Range6:2300~2305MHz



Band40-5MHz-16QAM-38775-1RB#0-Range7:2320~2324MHz



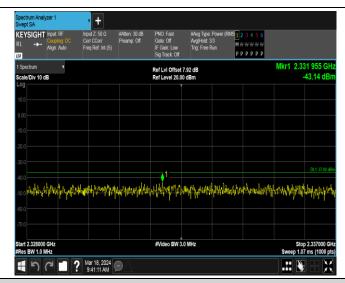


#### Band40-5MHz-16QAM-38775-1RB#0-Range8:2324~2328MHz

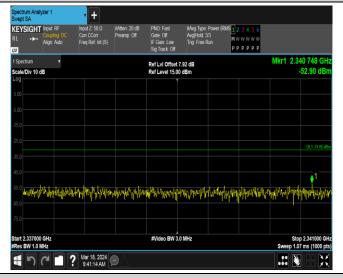


Band40-5MHz-16QAM-38775-1RB#0-Range9:2328~2337MHz



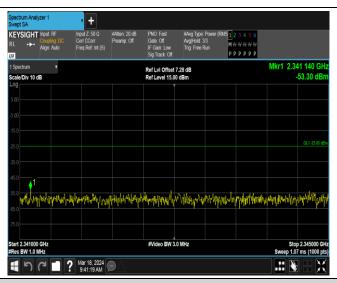


#### Band40-5MHz-16QAM-38775-1RB#0-Range10:2337~2341MHz

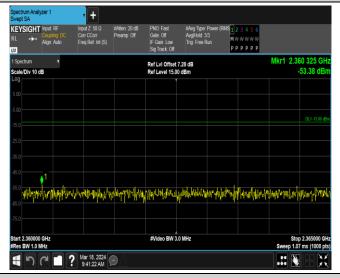


Band40-5MHz-16QAM-38775-1RB#0-Range11:2341~2345MHz



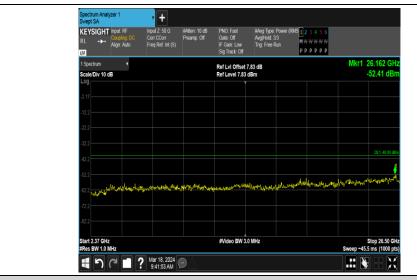


#### Band40-5MHz-16QAM-38775-1RB#0-Range12:2360~2365MHz

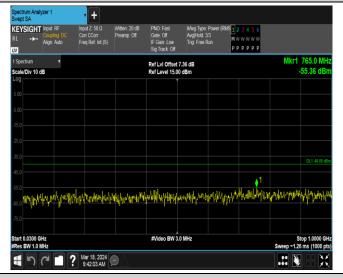


Band40-5MHz-16QAM-38775-1RB#0-Range13:2365~26500MHz



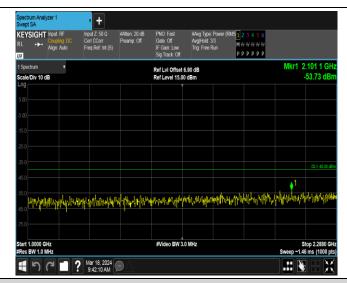


### Band40-10MHz-QPSK-38750-1RB#0-Range1:30~1000MHz

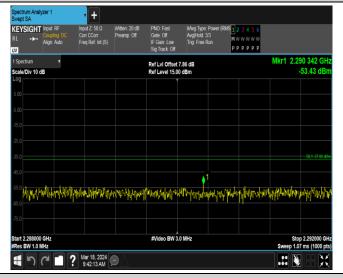


Band40-10MHz-QPSK-38750-1RB#0-Range2:1000~2288MHz



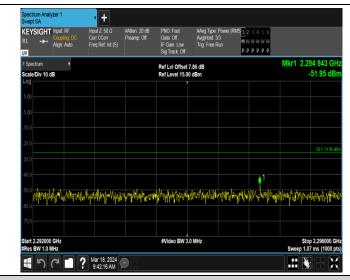


Band40-10MHz-QPSK-38750-1RB#0-Range3:2288~2292MHz

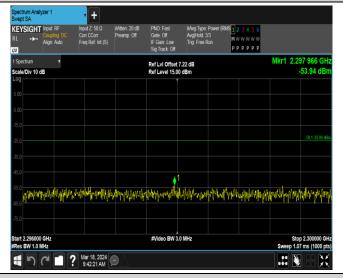


Band40-10MHz-QPSK-38750-1RB#0-Range4:2292~2296MHz



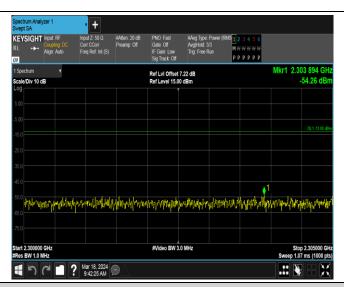


#### Band40-10MHz-QPSK-38750-1RB#0-Range5:2296~2300MHz

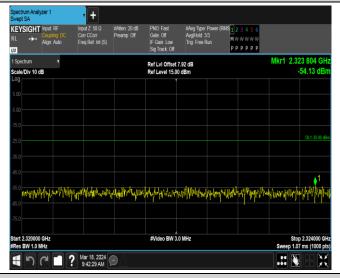


Band40-10MHz-QPSK-38750-1RB#0-Range6:2300~2305MHz



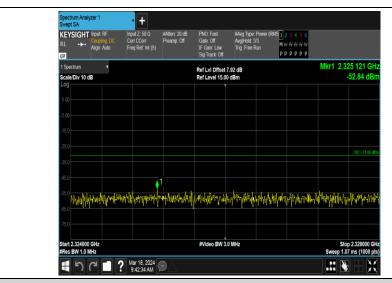


Band40-10MHz-QPSK-38750-1RB#0-Range7:2320~2324MHz

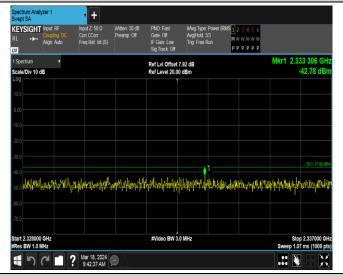


Band40-10MHz-QPSK-38750-1RB#0-Range8:2324~2328MHz



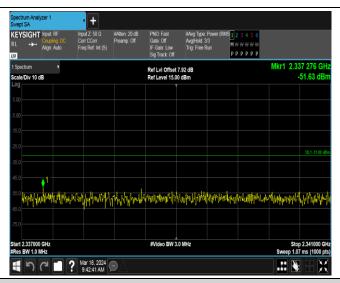


Band40-10MHz-QPSK-38750-1RB#0-Range9:2328~2337MHz

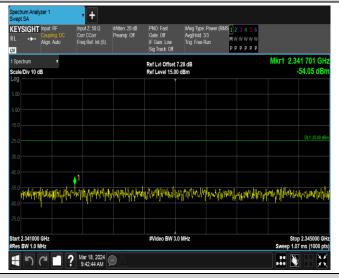


Band40-10MHz-QPSK-38750-1RB#0-Range10:2337~2341MHz



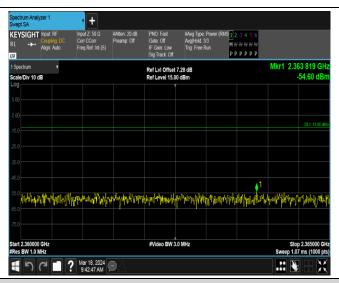


#### Band40-10MHz-QPSK-38750-1RB#0-Range11:2341~2345MHz

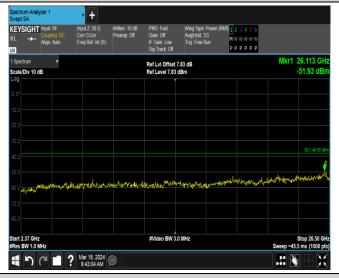


Band40-10MHz-QPSK-38750-1RB#0-Range12:2360~2365MHz



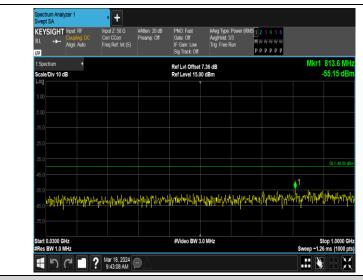


Band40-10MHz-QPSK-38750-1RB#0-Range13:2365~26500MHz

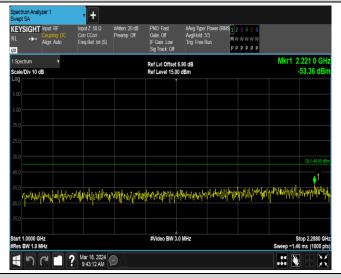


Band40-10MHz-16QAM-38750-1RB#0-Range1:30~1000MHz



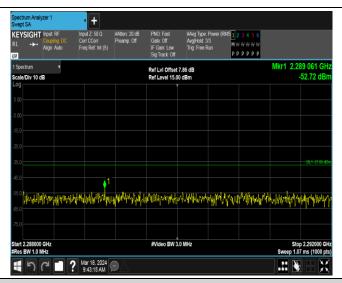


#### Band40-10MHz-16QAM-38750-1RB#0-Range2:1000~2288MHz

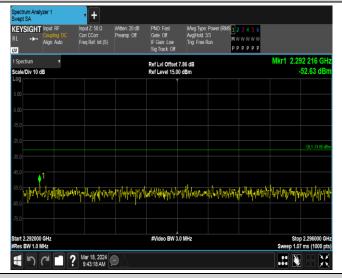


Band40-10MHz-16QAM-38750-1RB#0-Range3:2288~2292MHz



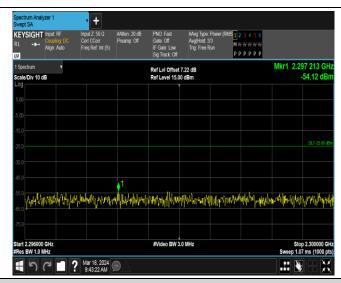


#### Band40-10MHz-16QAM-38750-1RB#0-Range4:2292~2296MHz

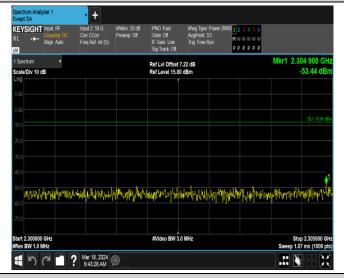


Band40-10MHz-16QAM-38750-1RB#0-Range5:2296~2300MHz



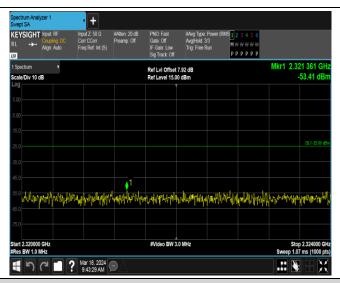


#### Band40-10MHz-16QAM-38750-1RB#0-Range6:2300~2305MHz

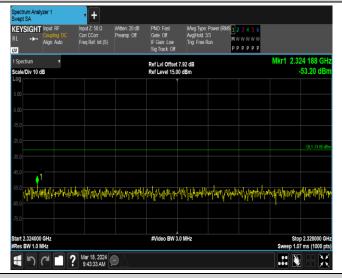


Band40-10MHz-16QAM-38750-1RB#0-Range7:2320~2324MHz



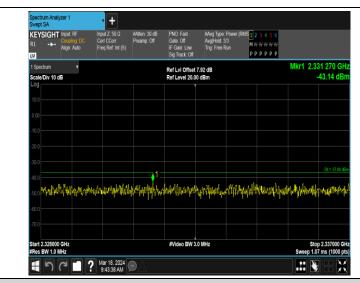


#### Band40-10MHz-16QAM-38750-1RB#0-Range8:2324~2328MHz

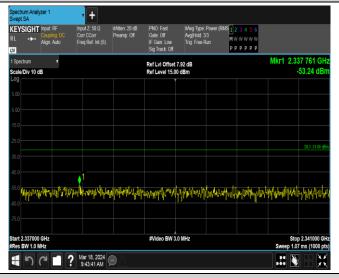


Band40-10MHz-16QAM-38750-1RB#0-Range9:2328~2337MHz



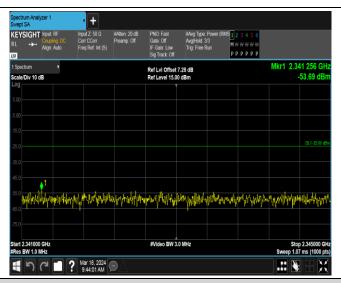


#### Band40-10MHz-16QAM-38750-1RB#0-Range10:2337~2341MHz

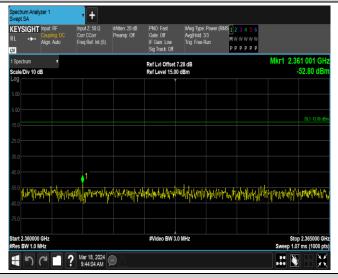


Band40-10MHz-16QAM-38750-1RB#0-Range11:2341~2345MHz





#### Band40-10MHz-16QAM-38750-1RB#0-Range12:2360~2365MHz



Band40-10MHz-16QAM-38750-1RB#0-Range13:2365~26500MHz







# **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	-20.30	-0.008797	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	VN	NT	-26.92	-0.011666	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	VH	NT	-10.14	-0.004394	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VL	NT	-7.04	-0.003048	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VN	NT	15.25	0.006602	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VH	NT	-7.10	-0.003074	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VL	NT	-15.18	-0.006564	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VN	NT	13.05	0.005643	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VH	NT	-16.44	-0.007109	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	VL	NT	4.99	0.002163	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	VN	NT	-16.05	-0.006956	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	VH	NT	-13.65	-0.005915	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	VL	NT	-4.56	-0.001974	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	VN	NT	-15.98	-0.006918	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	VH	NT	-15.55	-0.006732	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	VL	NT	-13.85	-0.005989	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	VN	NT	-15.82	-0.006841	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	VH	NT	-13.02	-0.005630	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	VL	NT	-12.63	-0.005468	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	VN	NT	-8.38	-0.003628	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	VH	NT	6.37	0.002758	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	VL	NT	-19.76	-0.008554	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	VN	NT	-13.88	-0.006009	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	VH	NT	-14.98	-0.006485	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	NV	-30	-12.35	-0.005352	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	NV	-20	10.01	0.004338	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	NV	0	-19.10	-0.008277	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	NV	10	-14.35	-0.006219	±2.5	PASS



Band40	5MHz	QPSK	38725	25RB#0	NV	20	-17.80	-0.007714	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	-30	-5.11	-0.002212	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	-20	-15.89	-0.006879	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	0	-16.34	-0.007074	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	10	-8.90	-0.003853	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	20	-14.61	-0.006325	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	-30	-1.32	-0.000571	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	-20	-13.29	-0.005747	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	0	-17.84	-0.007715	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	10	-14.58	-0.006305	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	20	-15.28	-0.006608	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	-30	6.91	0.002995	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	-20	8.43	0.003653	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	0	-15.51	-0.006722	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	10	-8.94	-0.003874	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	20	4.43	0.001920	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	-30	-18.15	-0.007857	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	-20	-16.31	-0.007061	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	0	-20.50	-0.008874	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	10	-16.12	-0.006978	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	20	-14.76	-0.006390	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	-30	-16.51	-0.007139	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	-20	-4.58	-0.001981	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	0	6.07	0.002625	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	10	-6.37	-0.002755	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	20	-12.63	-0.005462	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	-30	-15.52	-0.006719	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	-20	-22.63	-0.009797	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	0	-6.65	-0.002879	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	10	-12.33	-0.005338	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	20	-9.28	-0.004017	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	NV	-30	-16.01	-0.006931	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	NV	-20	-16.95	-0.007338	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	NV	0	2.70	0.001169	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	NV	10	6.31	0.002732	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	NV	20	-10.60	-0.004589	±2.5	PASS