



Band38-15MHz-QPSK-37825-75RB#0



Band38-15MHz-QPSK-38175-1RB#0



Band38-15MHz-QPSK-38175-1RB#74



Band38-15MHz-QPSK-38175-75RB#0



Band38-15MHz-16QAM-37825-1RB#0



Band38-15MHz-16QAM-37825-1RB#74



Band38-15MHz-16QAM-37825-75RB#0



Band38-15MHz-16QAM-38175-1RB#0



Band38-15MHz-16QAM-38175-1RB#74



Band38-15MHz-16QAM-38175-75RB#0



Band38-20MHz-QPSK-37850-1RB#0



Band38-20MHz-QPSK-37850-1RB#99



Band38-20MHz-QPSK-37850-100RB#0



Band38-20MHz-QPSK-38150-1RB#0



Band38-20MHz-QPSK-38150-1RB#99



Band38-20MHz-QPSK-38150-100RB#0



Band38-20MHz-16QAM-37850-1RB#0



Band38-20MHz-16QAM-37850-1RB#99



Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38150-1RB#0



Band38-20MHz-16QAM-38150-1RB#99



Band38-20MHz-16QAM-38150-100RB#0





Appendix E: Conducted Spurious Emission

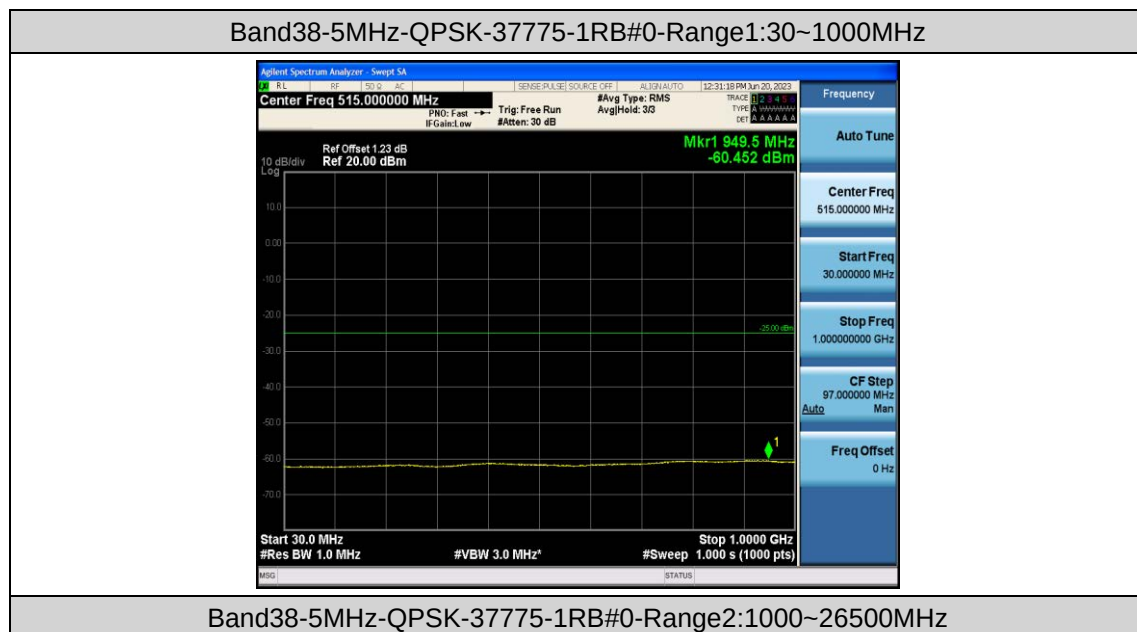
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	Range1:30~1000MHz	-60.45	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range2:1000~26500MHz	-38.91	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-60.44	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range2:1000~26500MHz	-38.8	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range1:30~1000MHz	-60.4	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range2:1000~26500MHz	-38.83	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range1:30~1000MHz	-60.37	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range2:1000~26500MHz	-38.85	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-60.44	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range2:1000~26500MHz	-38.82	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range1:30~1000MHz	-60.4	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range2:1000~26500MHz	-38.86	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range1:30~1000MHz	-60.39	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range2:1000~26500MHz	-38.82	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-60.45	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range2:1000~26500MHz	-38.81	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range1:30~1000MHz	-60.47	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range2:1000~26500MHz	-38.87	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range1:30~1000MHz	-60.47	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range2:1000~26500MHz	-38.87	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-60.44	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range2:1000~26500MHz	-38.84	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range1:30~1000MHz	-60.43	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range2:1000~26500MHz	-38.87	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range1:30~1000MHz	-60.46	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range2:1000~26500MHz	-38.81	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-60.45	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range2:1000~26500MHz	-38.85	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range1:30~1000MHz	-60.42	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range2:1000~26500MHz	-38.9	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range1:30~1000MHz	-60.42	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range2:1000~26500MHz	-38.86	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-60.43	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range2:1000~26500MHz	-38.88	PASS



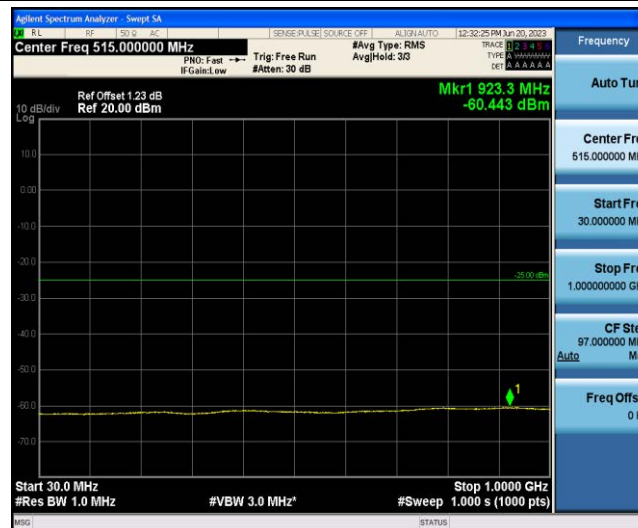
Band38	15MHz	16QAM	38175	1RB#0	Range1:30~1000MHz	-60.48	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range2:1000~26500MHz	-38.85	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range1:30~1000MHz	-60.42	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range2:1000~26500MHz	-38.82	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range1:30~1000MHz	-60.41	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range2:1000~26500MHz	-38.87	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range1:30~1000MHz	-60.42	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range2:1000~26500MHz	-38.9	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range1:30~1000MHz	-60.49	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range2:1000~26500MHz	-38.9	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range1:30~1000MHz	-60.42	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range2:1000~26500MHz	-38.88	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range1:30~1000MHz	-60.48	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range2:1000~26500MHz	-38.84	PASS

Test Graphs





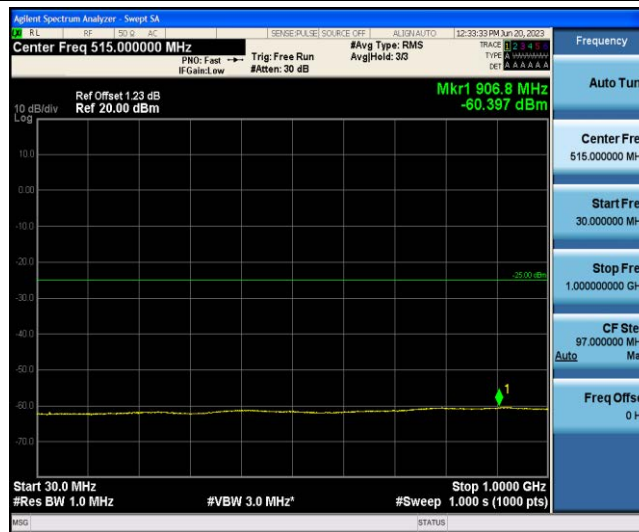
Band38-5MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



Band38-5MHz-QPSK-38000-1RB#0-Range2:1000~26500MHz



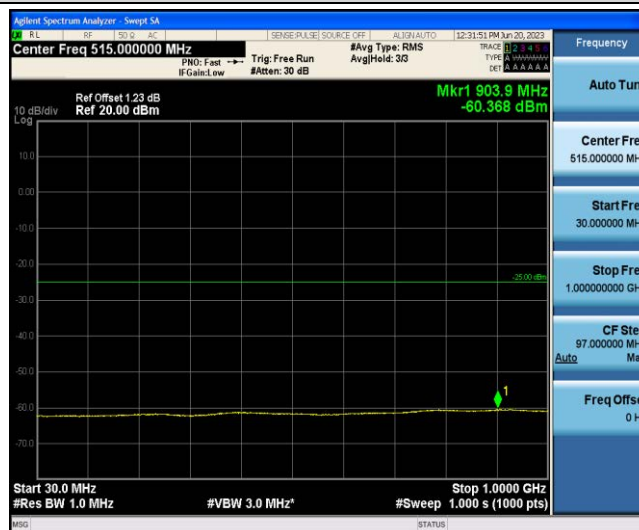
Band38-5MHz-QPSK-38225-1RB#0-Range1:30~1000MHz



Band38-5MHz-QPSK-38225-1RB#0-Range2:1000~26500MHz



Band38-5MHz-16QAM-37775-1RB#0-Range1:30~1000MHz



Band38-5MHz-16QAM-37775-1RB#0-Range2:1000~26500MHz



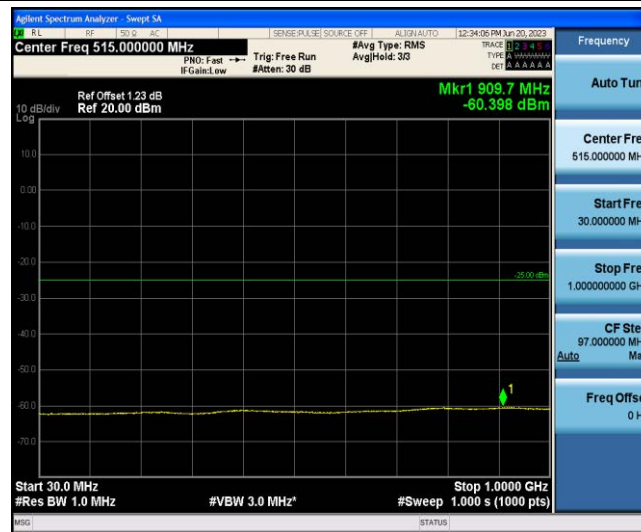
Band38-5MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Band38-5MHz-16QAM-38000-1RB#0-Range2:1000~26500MHz



Band38-5MHz-16QAM-38225-1RB#0-Range1:30~1000MHz



Band38-5MHz-16QAM-38225-1RB#0-Range2:1000~26500MHz



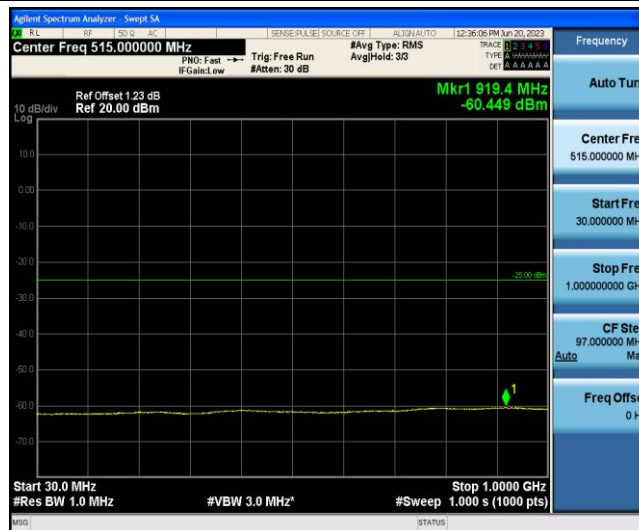
Band38-10MHz-QPSK-37800-1RB#0-Range1:30~1000MHz



Band38-10MHz-QPSK-37800-1RB#0-Range2:1000~26500MHz



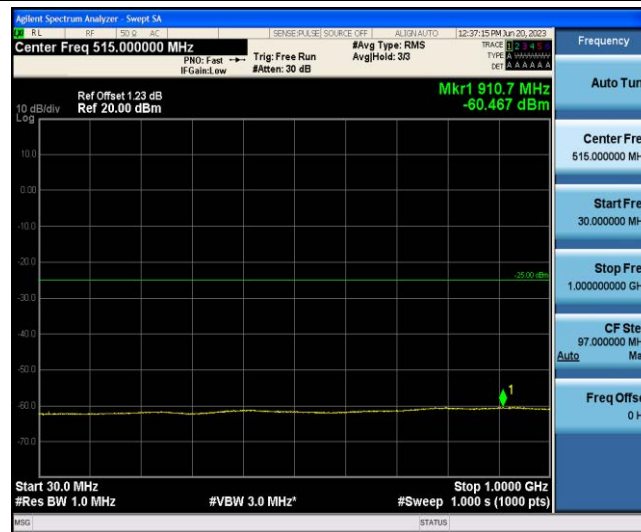
Band38-10MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



Band38-10MHz-QPSK-38000-1RB#0-Range2:1000~26500MHz



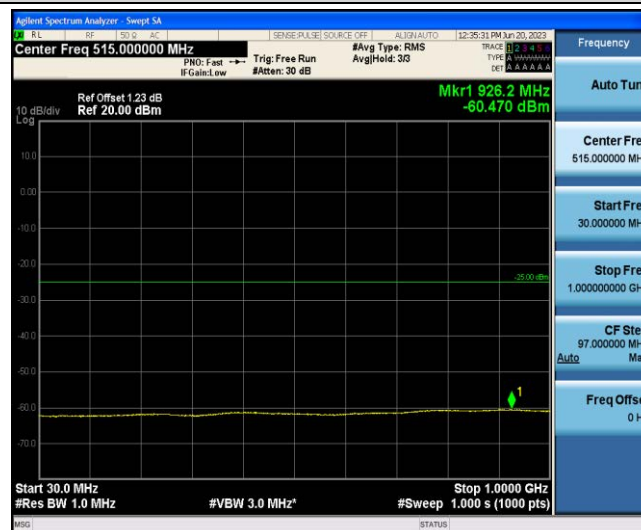
Band38-10MHz-QPSK-38200-1RB#0-Range1:30~1000MHz



Band38-10MHz-QPSK-38200-1RB#0-Range2:1000~26500MHz



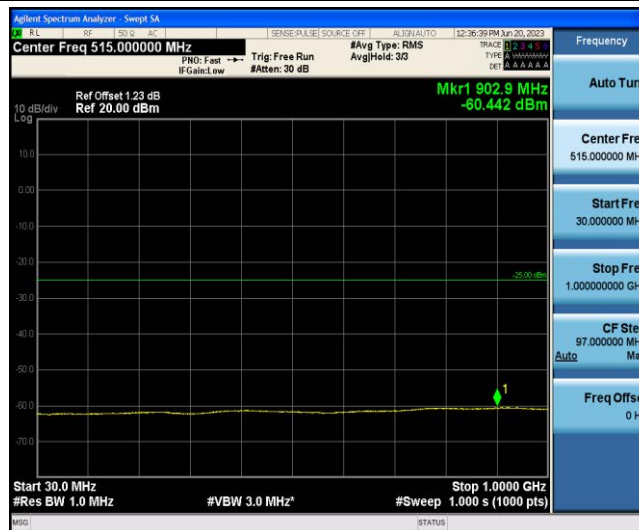
Band38-10MHz-16QAM-37800-1RB#0-Range1:30~1000MHz



Band38-10MHz-16QAM-37800-1RB#0-Range2:1000~26500MHz



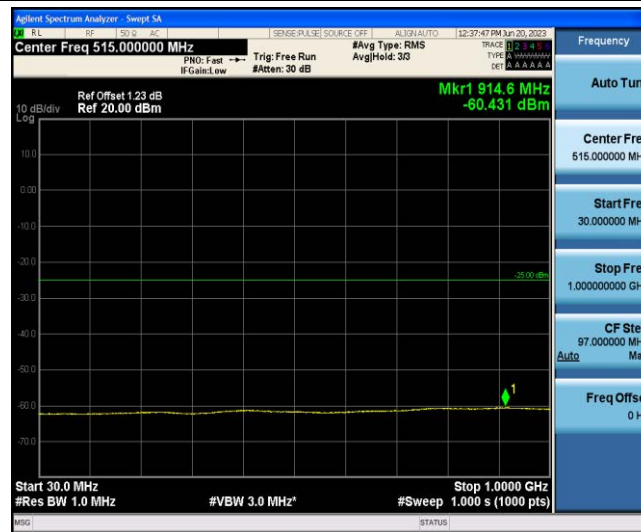
Band38-10MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Band38-10MHz-16QAM-38000-1RB#0-Range2:1000~26500MHz



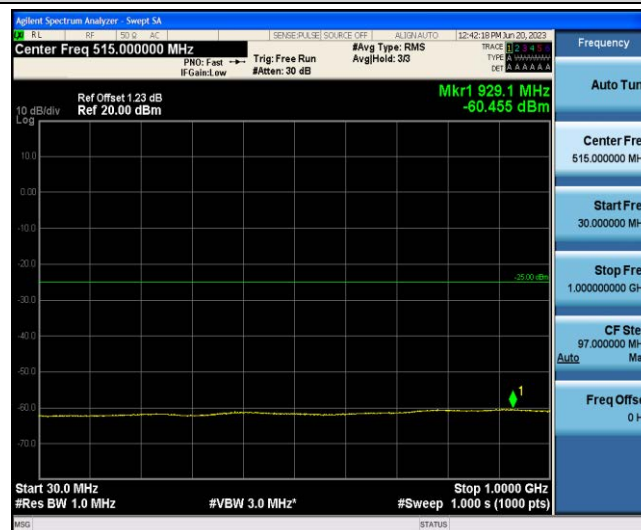
Band38-10MHz-16QAM-38200-1RB#0-Range1:30~1000MHz



Band38-10MHz-16QAM-38200-1RB#0-Range2:1000~26500MHz



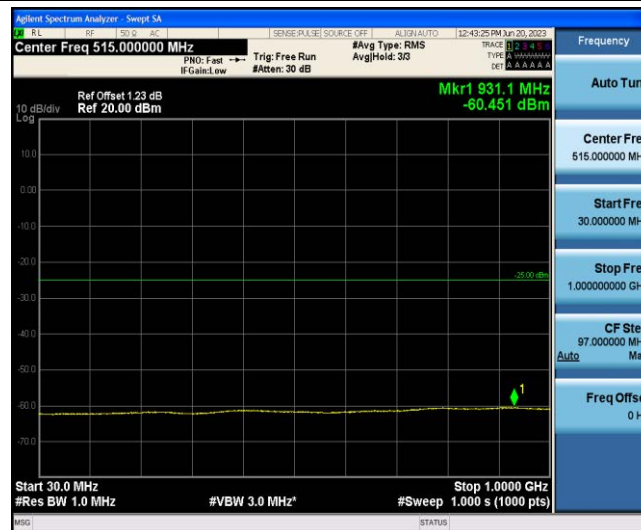
Band38-15MHz-QPSK-37825-1RB#0-Range1:30~1000MHz



Band38-15MHz-QPSK-37825-1RB#0-Range2:1000~26500MHz



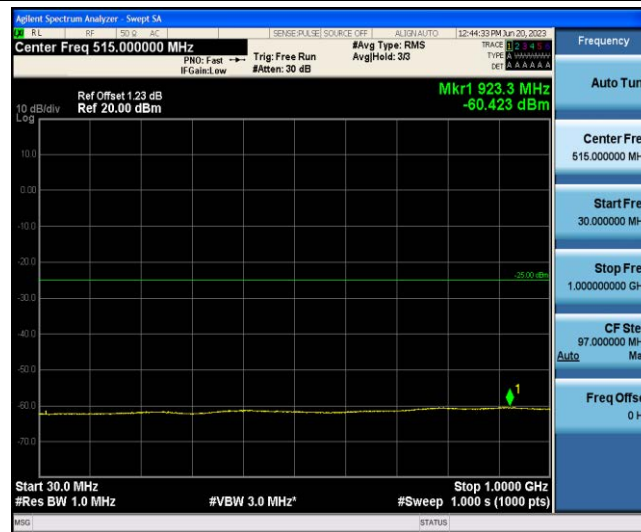
Band38-15MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



Band38-15MHz-QPSK-38000-1RB#0-Range2:1000~26500MHz



Band38-15MHz-QPSK-38175-1RB#0-Range1:30~1000MHz



Band38-15MHz-QPSK-38175-1RB#0-Range2:1000~26500MHz



Band38-15MHz-16QAM-37825-1RB#0-Range1:30~1000MHz



Band38-15MHz-16QAM-37825-1RB#0-Range2:1000~26500MHz



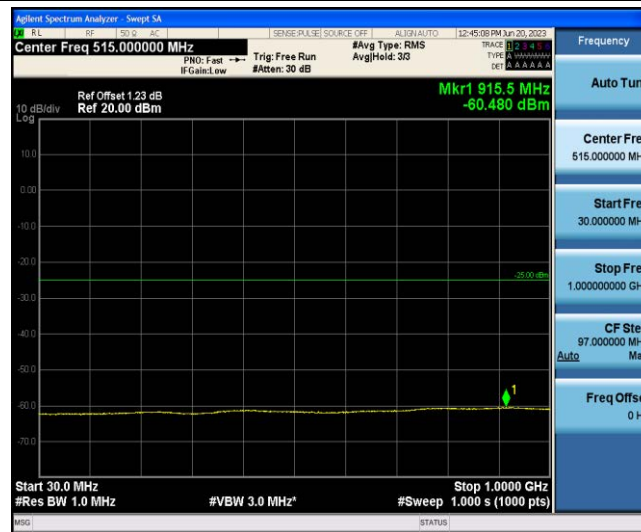
Band38-15MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Band38-15MHz-16QAM-38000-1RB#0-Range2:1000~26500MHz



Band38-15MHz-16QAM-38175-1RB#0-Range1:30~1000MHz



Band38-15MHz-16QAM-38175-1RB#0-Range2:1000~26500MHz



Band38-20MHz-QPSK-37850-1RB#0-Range1:30~1000MHz



Band38-20MHz-QPSK-37850-1RB#0-Range2:1000~26500MHz



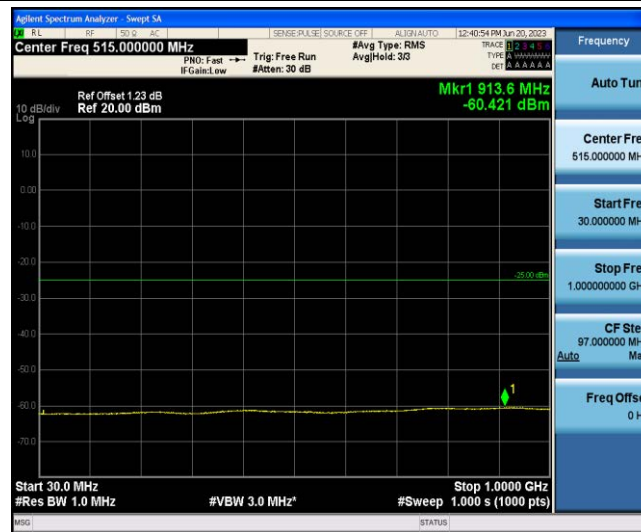
Band38-20MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~26500MHz



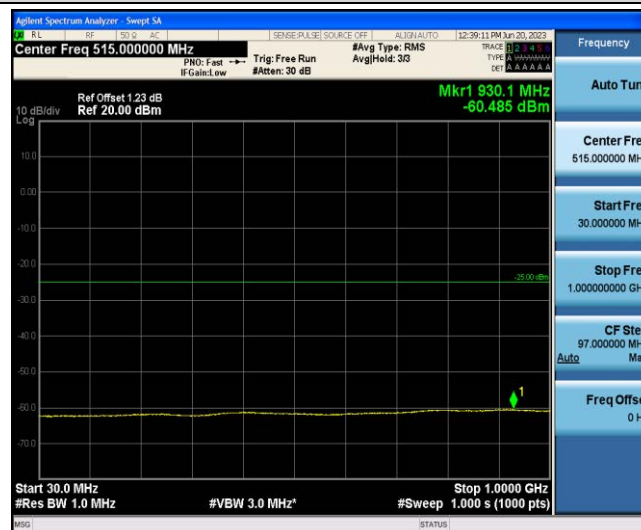
Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~26500MHz



Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~26500MHz



Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~26500MHz



Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz



Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~26500MHz





Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	-7.54	-0.002931	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	-8.41	-0.003269	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	-2.52	-0.000980	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-27.15	-0.010462	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-20.08	-0.007738	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	-29.61	-0.011410	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-6.95	-0.002655	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-4.23	-0.001616	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	3.06	0.001169	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	-8.51	-0.003308	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	-5.12	-0.001990	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	-8.30	-0.003226	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-38.94	-0.015006	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	-35.41	-0.013645	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-41.17	-0.015865	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-6.31	-0.002411	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-3.60	-0.001375	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-2.55	-0.000974	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	6.59	0.002559	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	-8.43	-0.003274	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	-7.07	-0.002746	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	10.34	0.003985	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	-13.72	-0.005287	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	-5.36	-0.002066	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-6.97	-0.002665	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	7.44	0.002845	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	-6.64	-0.002539	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VL	NT	3.22	0.001250	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VN	NT	-2.33	-0.000905	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VH	NT	-2.79	-0.001083	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VL	NT	-3.91	-0.001507	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VN	NT	-5.28	-0.002035	±2.5	PASS



Band38	10MHz	16QAM	38000	50RB#0	VH	NT	5.11	0.001969	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VL	NT	-7.17	-0.002742	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VN	NT	5.01	0.001916	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VH	NT	-7.17	-0.002742	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	-8.60	-0.003337	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	-12.90	-0.005005	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	-8.45	-0.003278	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-5.52	-0.002127	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	5.38	0.002073	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-8.51	-0.003279	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	-4.76	-0.001822	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	-14.63	-0.005600	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	-8.41	-0.003219	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VL	NT	-2.25	-0.000873	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VN	NT	-10.26	-0.003981	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VH	NT	-6.84	-0.002654	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VL	NT	-3.63	-0.001399	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VN	NT	5.99	0.002308	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VH	NT	-3.10	-0.001195	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VL	NT	-5.89	-0.002255	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VN	NT	-5.68	-0.002174	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VH	NT	-7.77	-0.002974	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-9.47	-0.003671	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-7.04	-0.002729	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-3.89	-0.001508	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-10.89	-0.004197	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-19.73	-0.007603	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-7.61	-0.002933	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	6.44	0.002467	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	3.35	0.001284	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	2.29	0.000877	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-4.62	-0.001791	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-2.35	-0.000911	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	4.35	0.001686	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-7.35	-0.002832	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-6.19	-0.002385	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-5.19	-0.002000	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-4.26	-0.001632	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-6.12	-0.002345	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-7.18	-0.002751	±2.5	PASS



Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	NV	-30	-6.52	-0.002534	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	-10.21	-0.003969	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	-5.38	-0.002091	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	-4.59	-0.001784	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	-6.34	-0.002465	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-37.22	-0.014343	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	-30.04	-0.011576	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-33.79	-0.013021	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-36.36	-0.014012	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	-37.05	-0.014277	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-5.49	-0.002097	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-7.35	-0.002808	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	5.05	0.001929	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-6.55	-0.002502	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	-7.42	-0.002835	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	-6.44	-0.002503	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	5.15	0.002002	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	-4.62	-0.001796	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	-4.81	-0.001870	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	-6.14	-0.002387	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	-39.40	-0.015183	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	-42.99	-0.016566	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-40.15	-0.015472	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	-42.47	-0.016366	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	-46.49	-0.017915	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	5.06	0.001933	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	-6.79	-0.002594	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	6.22	0.002376	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	7.72	0.002949	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-7.40	-0.002827	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	-6.75	-0.002621	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	-4.62	-0.001794	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	8.21	0.003188	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	3.71	0.001441	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	-6.59	-0.002559	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	-4.76	-0.001834	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	-3.08	-0.001187	±2.5	PASS



Band38	10MHz	QPSK	38000	50RB#0	NV	0	-5.28	-0.002035	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	-4.98	-0.001919	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	-3.55	-0.001368	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	-7.11	-0.002719	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	-11.19	-0.004279	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	-6.15	-0.002352	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	5.14	0.001966	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	-5.16	-0.001973	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-30	-6.54	-0.002540	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-20	-4.72	-0.001833	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	0	-7.11	-0.002761	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	10	-2.39	-0.000928	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	20	-5.72	-0.002221	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-30	5.66	0.002181	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-20	2.39	0.000921	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	0	3.50	0.001349	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	10	2.75	0.001060	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	20	-3.86	-0.001487	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-30	-5.02	-0.001920	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-20	5.26	0.002011	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	0	-5.65	-0.002161	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	10	3.71	0.001419	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	20	-4.58	-0.001751	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	-2.89	-0.001121	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	-8.34	-0.003236	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	3.60	0.001397	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	-3.53	-0.001370	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	-7.41	-0.002875	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	-2.66	-0.001025	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	6.62	0.002551	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	-4.59	-0.001769	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	6.24	0.002405	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	7.51	0.002894	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-7.72	-0.002955	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	-9.90	-0.003789	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	-7.14	-0.002733	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	-8.80	-0.003368	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	-5.35	-0.002048	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-30	-3.59	-0.001393	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-20	-7.77	-0.003015	±2.5	PASS



Band38	15MHz	16QAM	37825	75RB#0	NV	0	-4.05	-0.001571	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	10	-5.18	-0.002010	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	20	-6.45	-0.002502	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-30	-5.51	-0.002123	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-20	-4.49	-0.001730	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	0	5.69	0.002193	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	10	-6.11	-0.002355	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	20	3.32	0.001279	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-30	-9.16	-0.003506	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-20	-5.74	-0.002197	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	0	-8.07	-0.003089	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	10	-4.78	-0.001830	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	20	-7.55	-0.002890	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-9.28	-0.003597	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	4.61	0.001787	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-8.21	-0.003182	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-9.56	-0.003705	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	2.99	0.001159	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-10.11	-0.003896	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-9.34	-0.003599	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-8.81	-0.003395	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-8.24	-0.003175	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-5.85	-0.002254	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	6.14	0.002352	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-6.07	-0.002326	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	6.55	0.002510	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	5.76	0.002207	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-4.09	-0.001567	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-3.69	-0.001430	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	5.31	0.002058	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-9.78	-0.003791	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-7.18	-0.002783	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-4.25	-0.001647	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	2.70	0.001040	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-8.90	-0.003430	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-5.59	-0.002154	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-6.78	-0.002613	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-6.24	-0.002405	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-6.21	-0.002379	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	4.42	0.001693	±2.5	PASS



Band38	20MHz	16QAM	38150	100RB#0	NV	0	-6.08	-0.002330	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-3.02	-0.001157	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	3.20	0.001226	±2.5	PASS



Appendix G: Modulation Characteristics

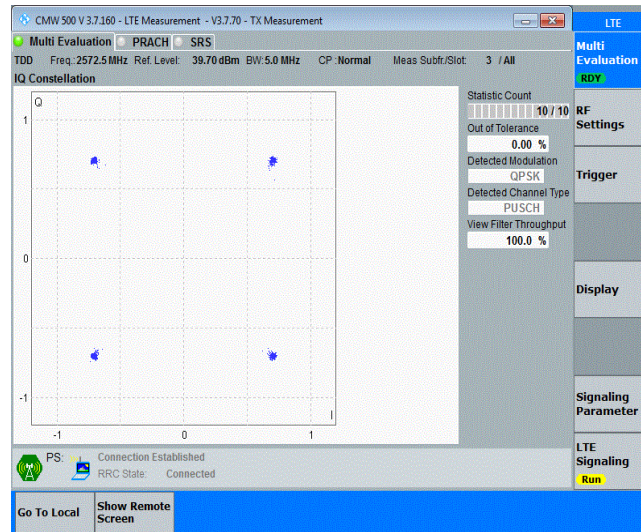
Test Result

Band	Channel	Result	Verdict
Band38	37775	PASS	PASS
Band38	38000	PASS	PASS
Band38	38225	PASS	PASS
Band38	37775	PASS	PASS
Band38	38000	PASS	PASS
Band38	38225	PASS	PASS
Band38	37800	PASS	PASS
Band38	38000	PASS	PASS
Band38	38200	PASS	PASS
Band38	37800	PASS	PASS
Band38	38000	PASS	PASS
Band38	38200	PASS	PASS
Band38	37825	PASS	PASS
Band38	38000	PASS	PASS
Band38	38175	PASS	PASS
Band38	37825	PASS	PASS
Band38	38000	PASS	PASS
Band38	38175	PASS	PASS
Band38	37850	PASS	PASS
Band38	38000	PASS	PASS
Band38	38150	PASS	PASS
Band38	37850	PASS	PASS
Band38	38000	PASS	PASS
Band38	38150	PASS	PASS

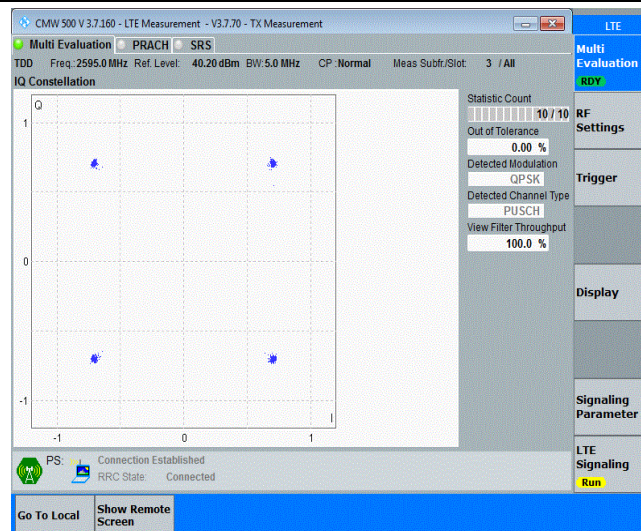


Test Graphs

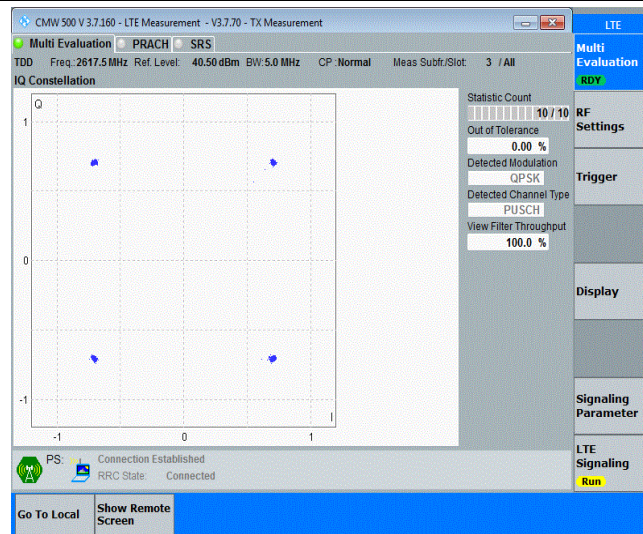
Band38-5MHz-QPSK-37775-25RB#0



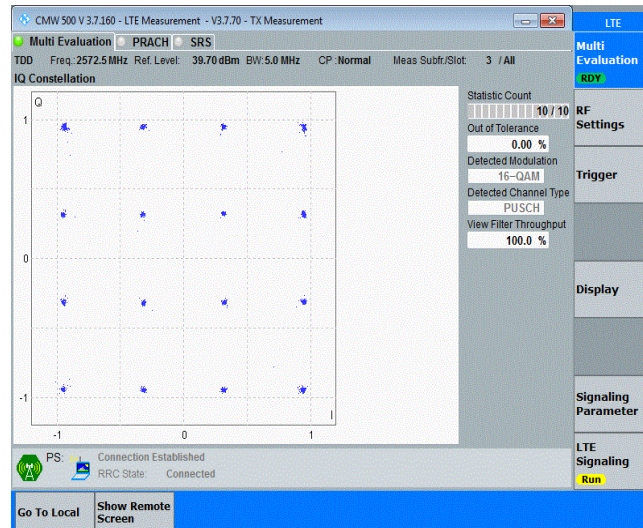
Band38-5MHz-QPSK-38000-25RB#0



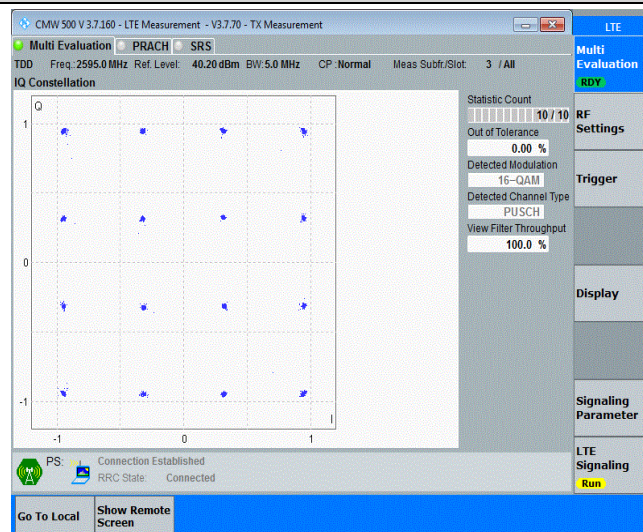
Band38-5MHz-QPSK-38225-25RB#0



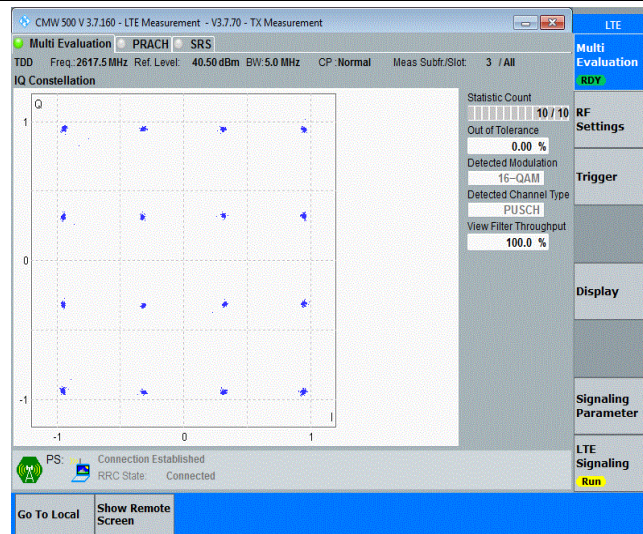
Band38-5MHz-16QAM-37775-25RB#0



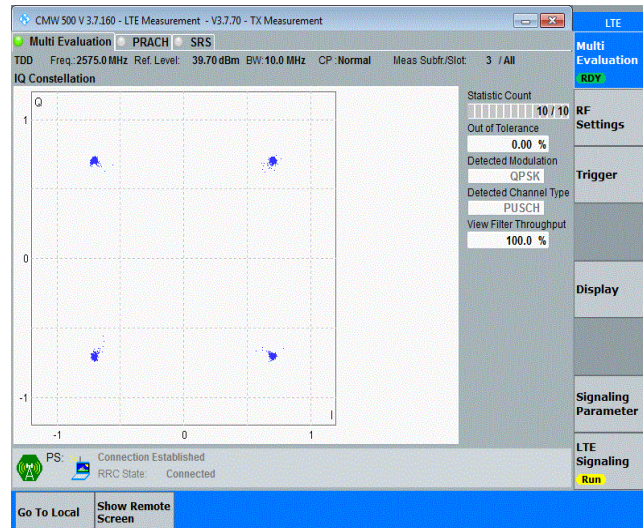
Band38-5MHz-16QAM-38000-25RB#0



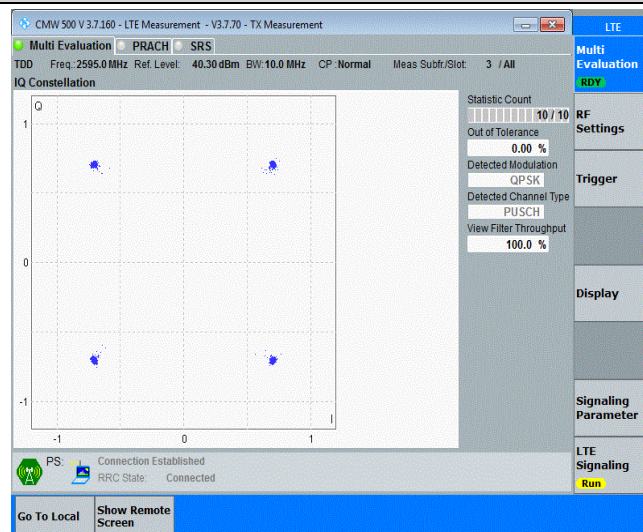
Band38-5MHz-16QAM-38225-25RB#0



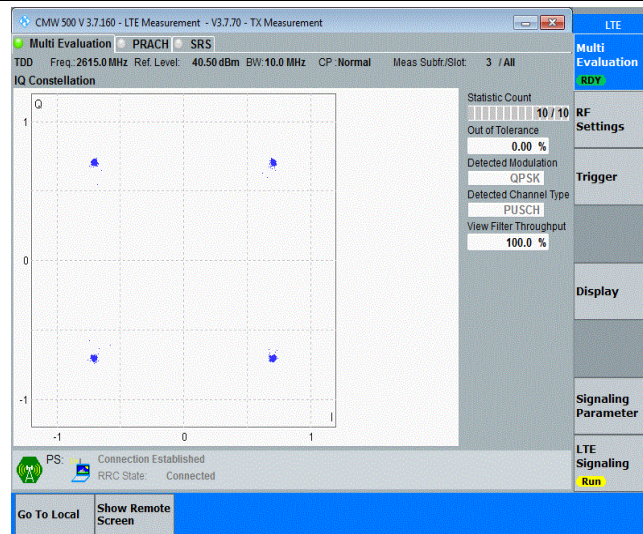
Band38-10MHz-QPSK-37800-50RB#0



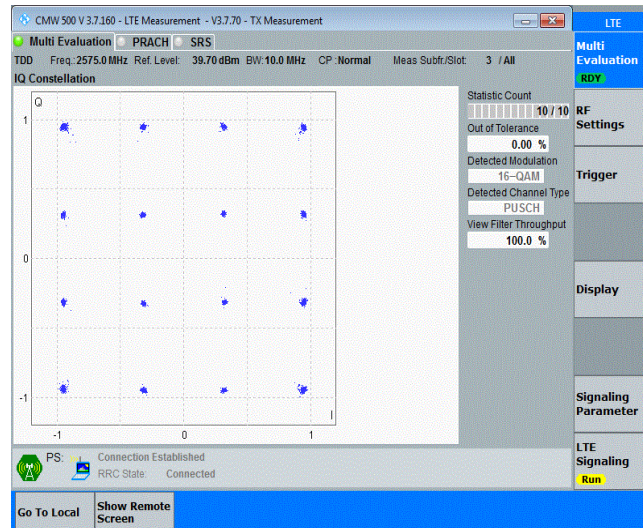
Band38-10MHz-QPSK-38000-50RB#0



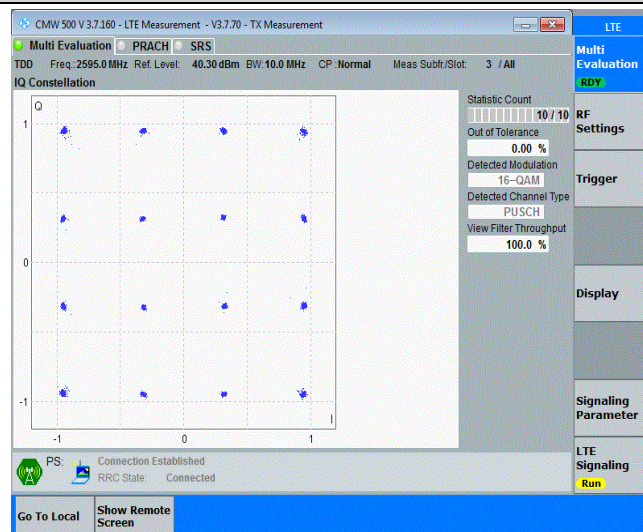
Band38-10MHz-QPSK-38200-50RB#0



Band38-10MHz-16QAM-37800-50RB#0



Band38-10MHz-16QAM-38000-50RB#0



Band38-10MHz-16QAM-38200-50RB#0