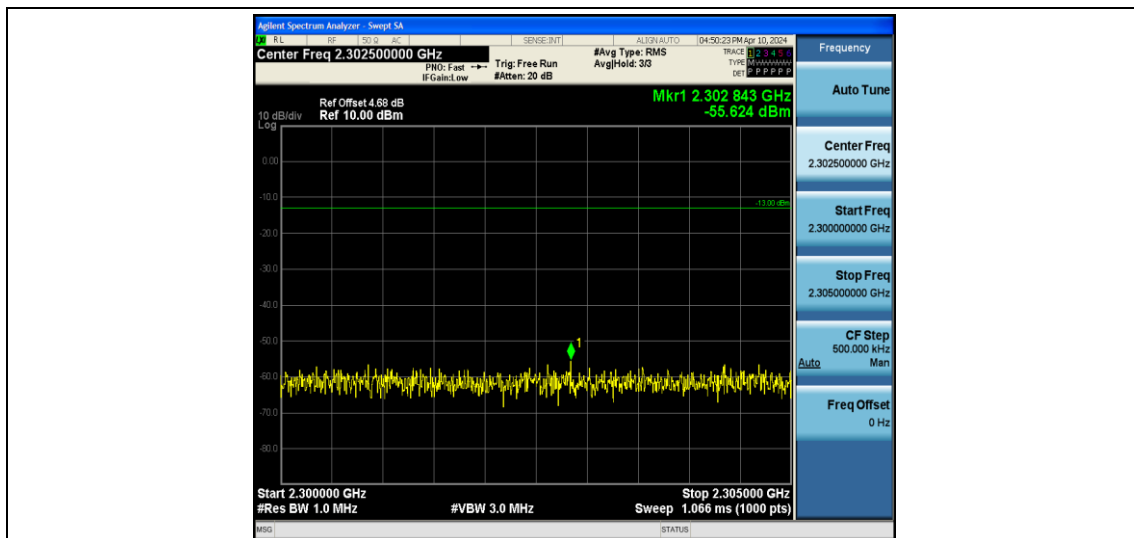
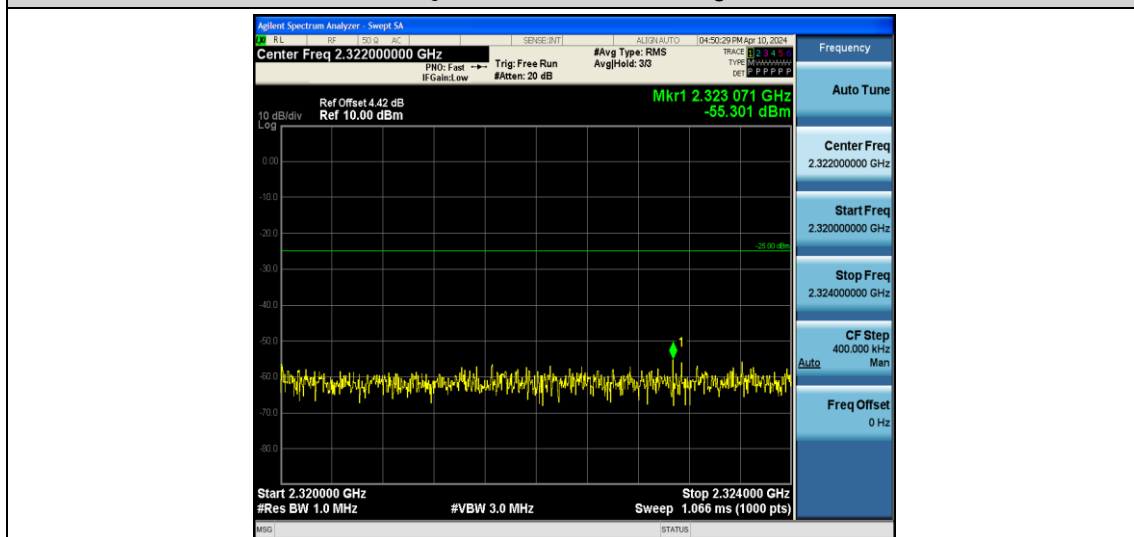
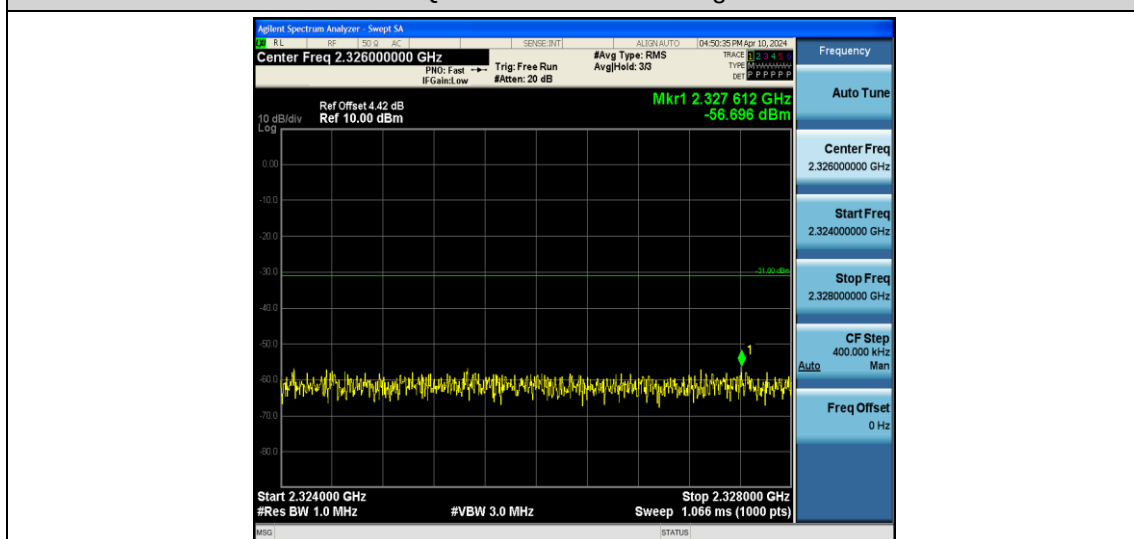




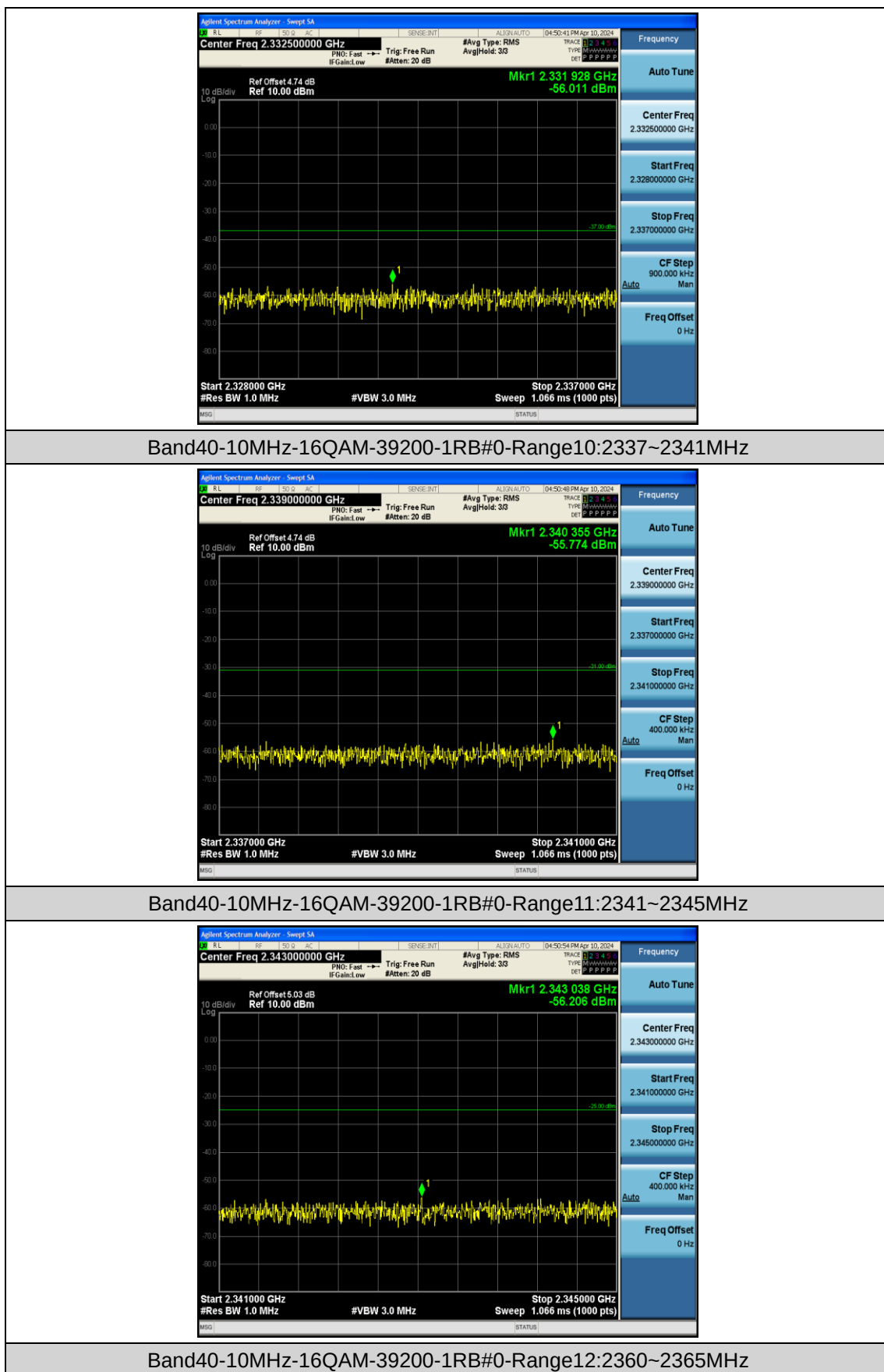
Band40-10MHz-16QAM-39200-1RB#0-Range7:2320~2324MHz

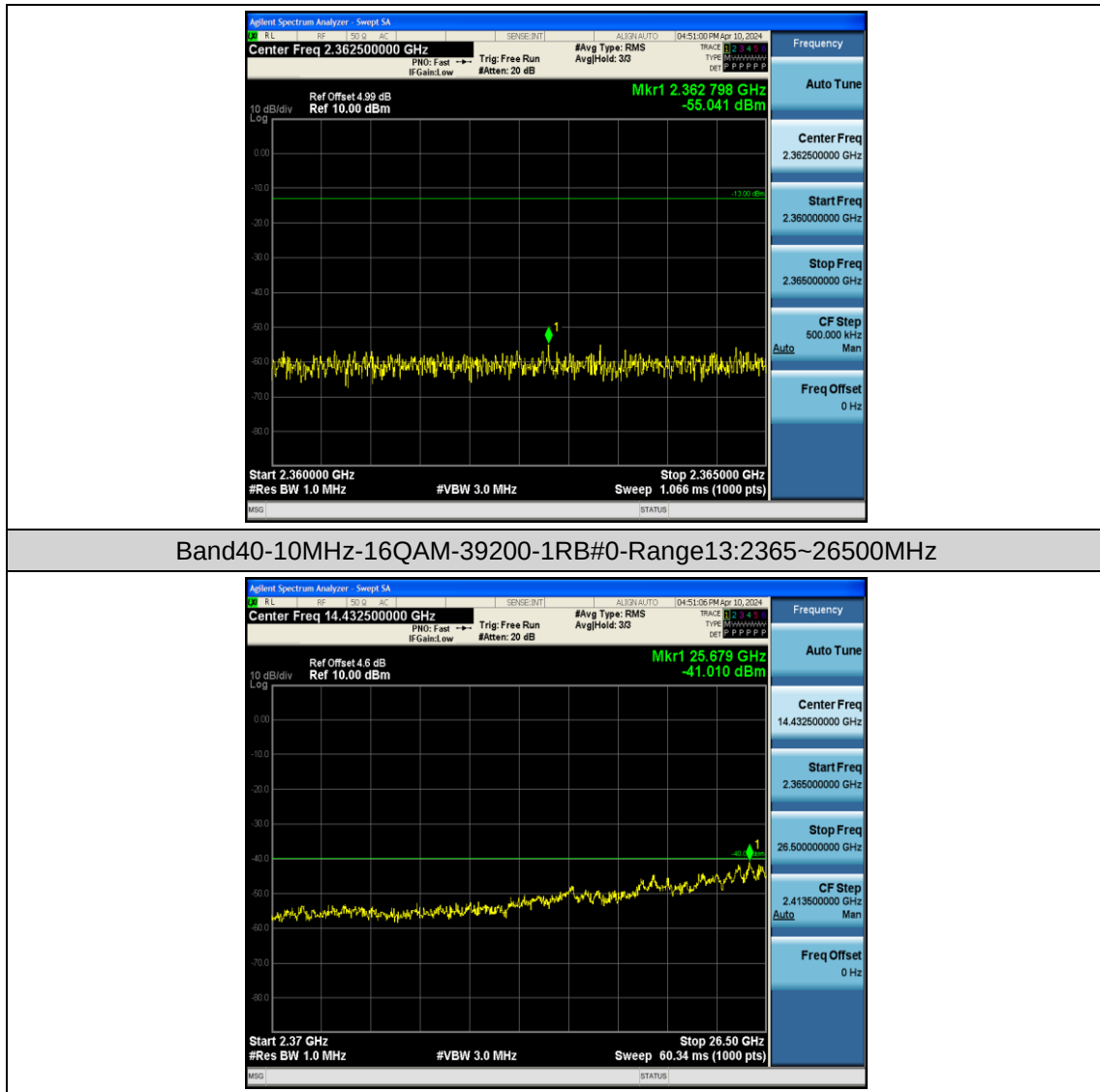


Band40-10MHz-16QAM-39200-1RB#0-Range8:2324~2328MHz



Band40-10MHz-16QAM-39200-1RB#0-Range9:2328~2337MHz





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	39175	25RB#0	VL	NT	-3.67	-0.001560	±2.5	PASS
Band40	5MHz	QPSK	39175	25RB#0	VN	NT	-4.58	-0.001947	±2.5	PASS
Band40	5MHz	QPSK	39175	25RB#0	VH	NT	5.44	0.002312	±2.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	VL	NT	-11.38	-0.004832	±2.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	VN	NT	-9.76	-0.004144	±2.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	VH	NT	-10.02	-0.004255	±2.5	PASS
Band40	5MHz	QPSK	39225	25RB#0	VL	NT	-5.59	-0.002371	±2.5	PASS
Band40	5MHz	QPSK	39225	25RB#0	VN	NT	-5.06	-0.002146	±2.5	PASS
Band40	5MHz	QPSK	39225	25RB#0	VH	NT	-4.52	-0.001917	±2.5	PASS
Band40	5MHz	16QAM	39175	25RB#0	VL	NT	6.24	0.002652	±2.5	PASS
Band40	5MHz	16QAM	39175	25RB#0	VN	NT	6.87	0.002920	±2.5	PASS
Band40	5MHz	16QAM	39175	25RB#0	VH	NT	5.37	0.002283	±2.5	PASS
Band40	5MHz	16QAM	39200	25RB#0	VL	NT	-7.70	-0.003270	±2.5	PASS
Band40	5MHz	16QAM	39200	25RB#0	VN	NT	-4.53	-0.001924	±2.5	PASS
Band40	5MHz	16QAM	39200	25RB#0	VH	NT	-10.81	-0.004590	±2.5	PASS
Band40	5MHz	16QAM	39225	25RB#0	VL	NT	-7.02	-0.002978	±2.5	PASS
Band40	5MHz	16QAM	39225	25RB#0	VN	NT	-3.33	-0.001413	±2.5	PASS
Band40	5MHz	16QAM	39225	25RB#0	VH	NT	-7.91	-0.003355	±2.5	PASS

0										
Band4 0	10MHz	QPSK	39200	50RB#0	VL	NT	-8.52	-0.003618	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	VN	NT	-9.64	-0.004093	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	VH	NT	-4.05	-0.001720	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	VL	NT	-10.72	-0.004552	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	VN	NT	-11.51	-0.004887	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	VH	NT	-9.88	-0.004195	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4 0	5MHz	QPSK	39175	25RB#0	NV	-30	10.51	0.004468	±2.5	PASS
Band4 0	5MHz	QPSK	39175	25RB#0	NV	-20	7.81	0.003320	±2.5	PASS
Band4 0	5MHz	QPSK	39175	25RB#0	NV	0	7.25	0.003082	±2.5	PASS
Band4 0	5MHz	QPSK	39175	25RB#0	NV	10	8.07	0.003430	±2.5	PASS
Band4 0	5MHz	QPSK	39175	25RB#0	NV	20	-4.95	-0.002104	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	-30	-9.46	-0.004017	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	-20	-8.70	-0.003694	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	0	-7.78	-0.003304	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	10	-11.74	-0.004985	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	20	-11.73	-0.004981	±2.5	PASS
Band4 0	5MHz	QPSK	39225	25RB#0	NV	-30	5.96	0.002528	±2.5	PASS
Band4 0	5MHz	QPSK	39225	25RB#0	NV	-20	-4.28	-0.001815	±2.5	PASS
Band4	5MHz	QPSK	39225	25RB#0	NV	0	-4.74	-0.002011	±2.5	PASS

0										
Band4 0	5MHz	QPSK	39225	25RB#0	NV	10	4.84	0.002053	±2.5	PASS
Band4 0	5MHz	QPSK	39225	25RB#0	NV	20	-5.43	-0.002303	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	-30	-4.40	-0.001870	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	-20	6.17	0.002623	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	0	6.91	0.002937	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	10	-6.84	-0.002908	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	20	-6.32	-0.002687	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	NV	-30	-6.39	-0.002713	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	NV	-20	-11.62	-0.004934	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	NV	0	2.69	0.001142	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	NV	10	-8.37	-0.003554	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	NV	20	-9.30	-0.003949	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	-30	8.89	0.003771	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	-20	-4.39	-0.001862	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	0	-5.44	-0.002308	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	10	-5.30	-0.002248	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	20	-5.18	-0.002197	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	NV	-30	-12.78	-0.005427	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	NV	-20	-10.25	-0.004352	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	NV	0	-12.66	-0.005376	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	NV	10	-8.38	-0.003558	±2.5	PASS

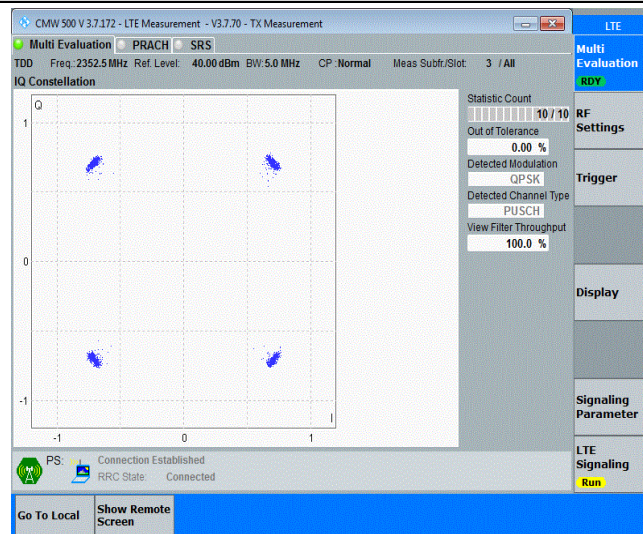
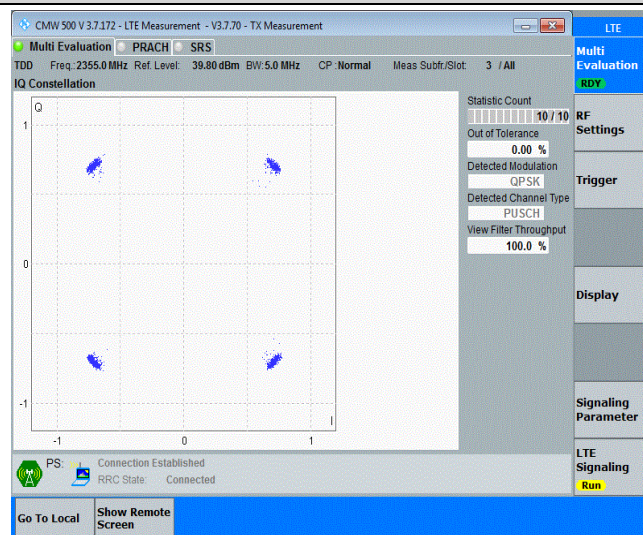
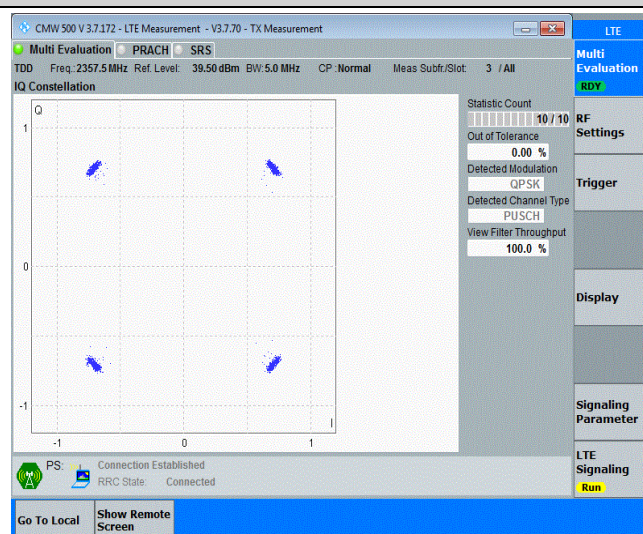
Band4 0	10MHz	QPSK	39200	50RB#0	NV	20	-3.73	-0.001584	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	NV	-30	-11.30	-0.004798	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	NV	-20	-14.58	-0.006191	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	NV	0	-6.12	-0.002599	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	NV	10	-5.67	-0.002408	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	NV	20	-10.72	-0.004552	±2.5	PASS

Appendix G: Modulation Characteristics

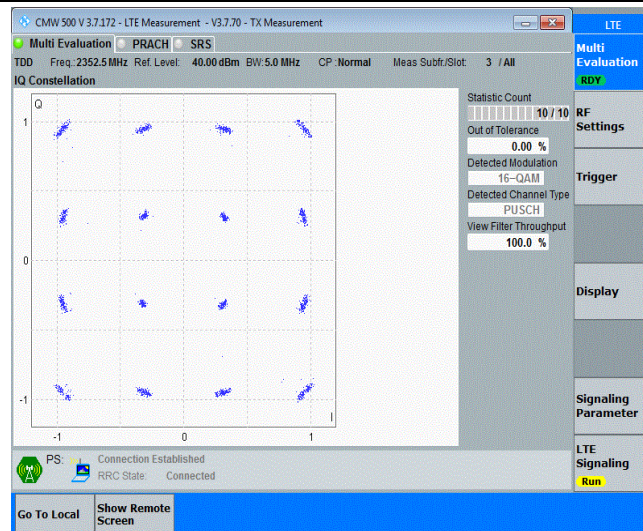
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band40	5MHz	QPSK	39175	25RB#0	PASS	PASS
Band40	5MHz	QPSK	39200	25RB#0	PASS	PASS
Band40	5MHz	QPSK	39225	25RB#0	PASS	PASS
Band40	5MHz	16QAM	39175	25RB#0	PASS	PASS
Band40	5MHz	16QAM	39200	25RB#0	PASS	PASS
Band40	5MHz	16QAM	39225	25RB#0	PASS	PASS
Band40	10MHz	QPSK	39200	50RB#0	PASS	PASS
Band40	10MHz	16QAM	39200	50RB#0	PASS	PASS

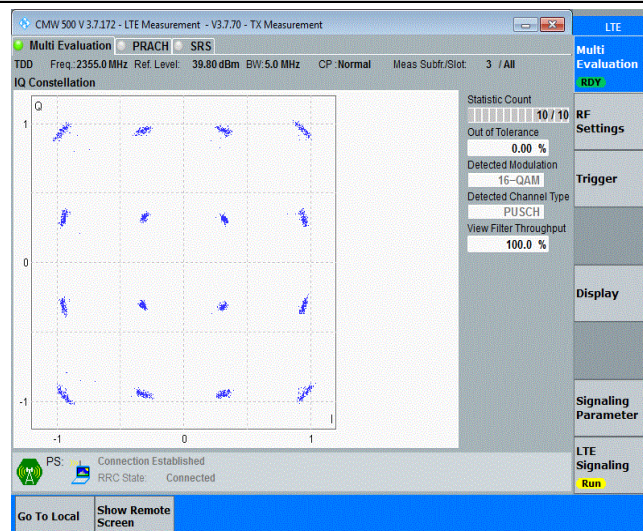
Test Graphs

Band40-5MHz-QPSK-39175-25RB#0**Band40-5MHz-QPSK-39200-25RB#0****Band40-5MHz-QPSK-39225-25RB#0**

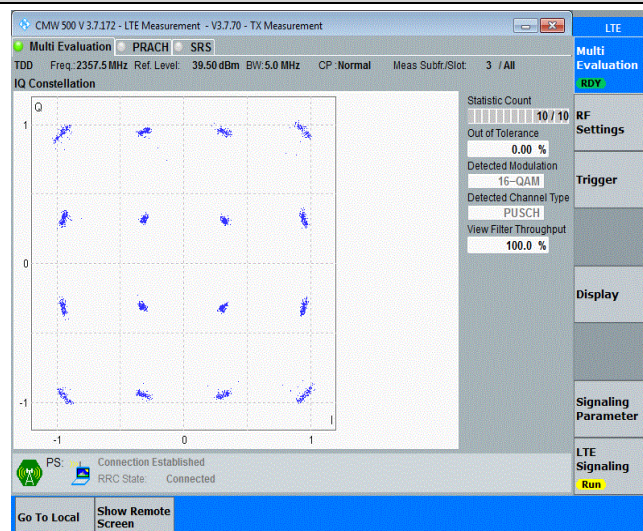
Band40-5MHz-16QAM-39175-25RB#0



Band40-5MHz-16QAM-39200-25RB#0



Band40-5MHz-16QAM-39225-25RB#0



Band40-10MHz-QPSK-39200-50RB#0

