

FCC LTE Band Test Data

FCC ID : 2BEW5-TAB18

Company: : Shenzhen Viquee Technology Co.,Ltd

EUT : Tablet

Model Number : TAB18

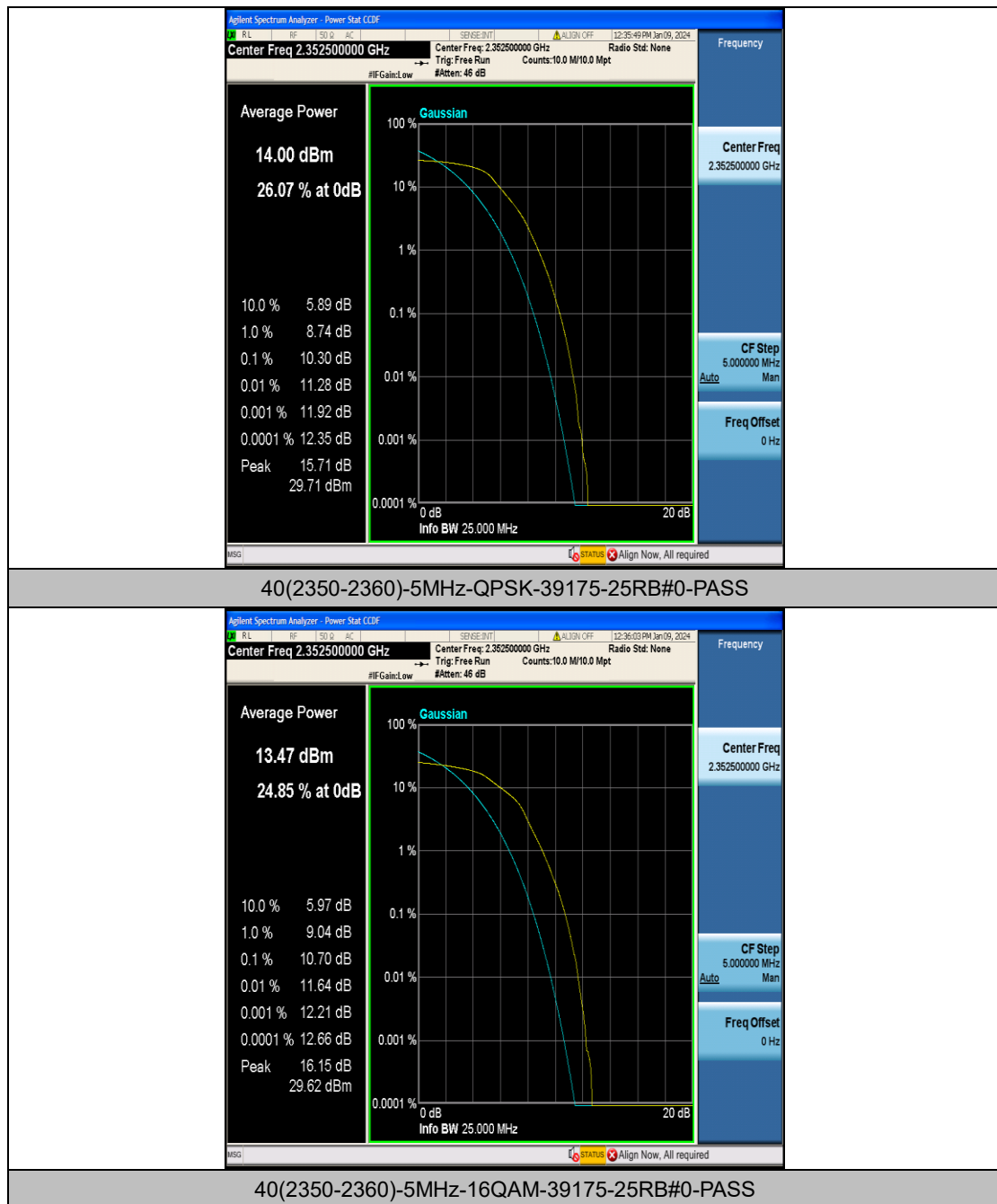
Reviewed By : Eric Wang

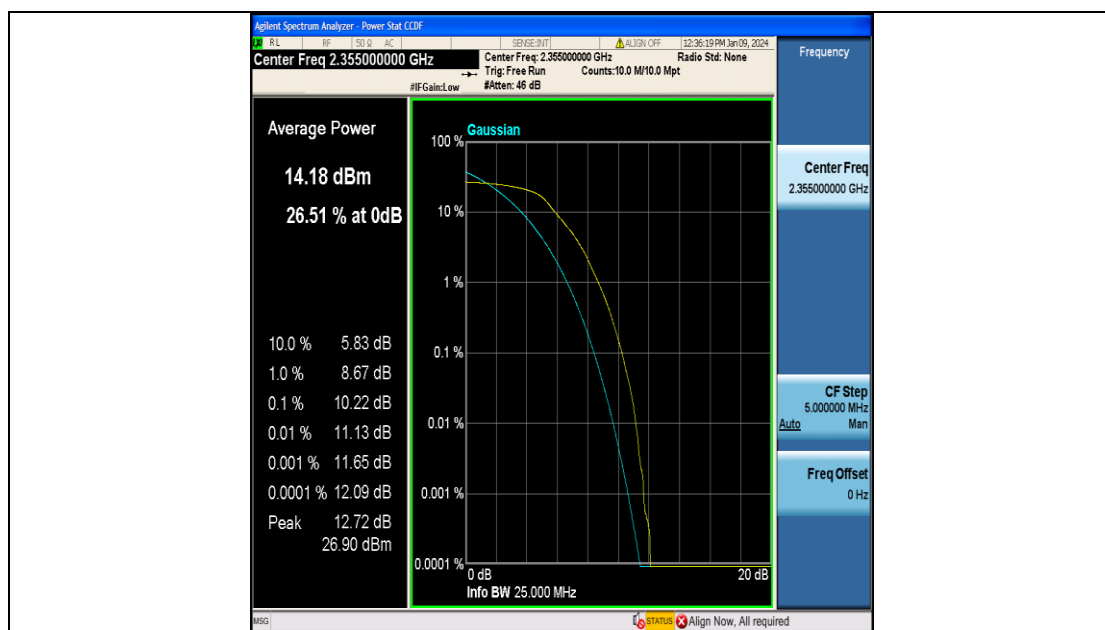
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

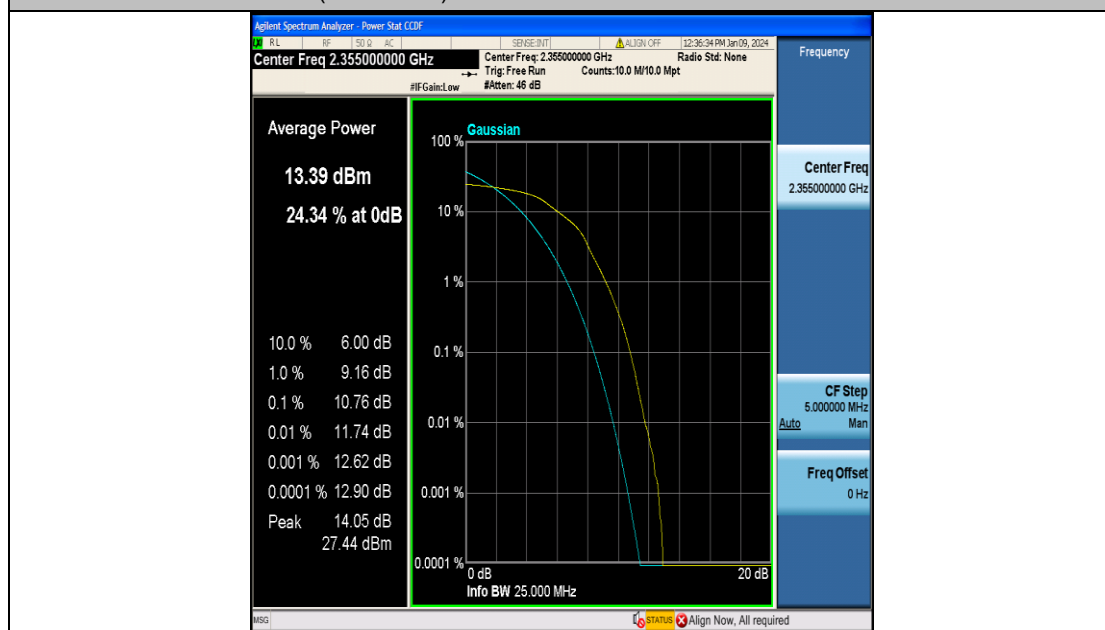
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
40(2350-2360)	5MHz	QPSK	39175	25RB#0	10.30	13	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	10.70	13	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	10.22	13	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	10.76	13	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	10.50	13	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	10.73	13	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	10.17	13	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	10.83	13	PASS

Test Graphs

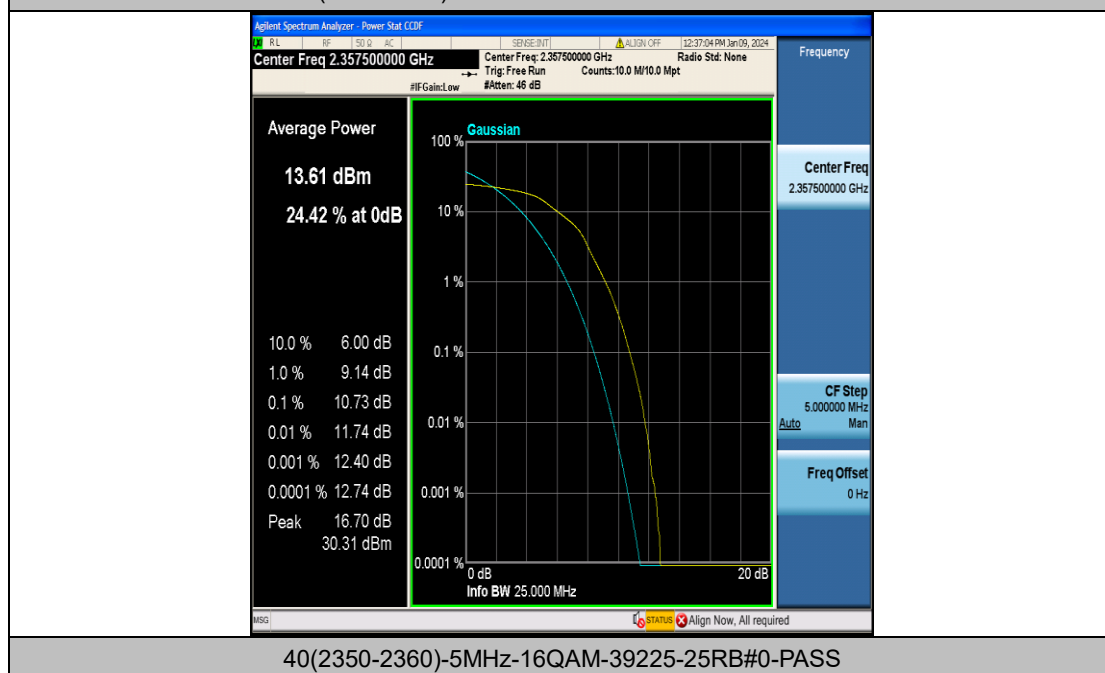
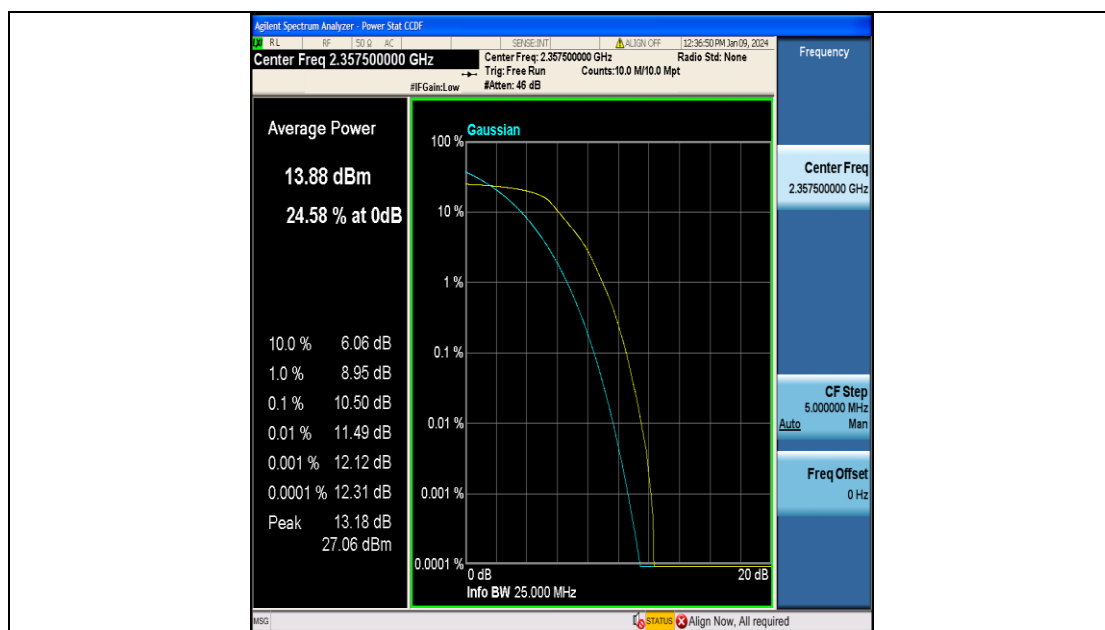


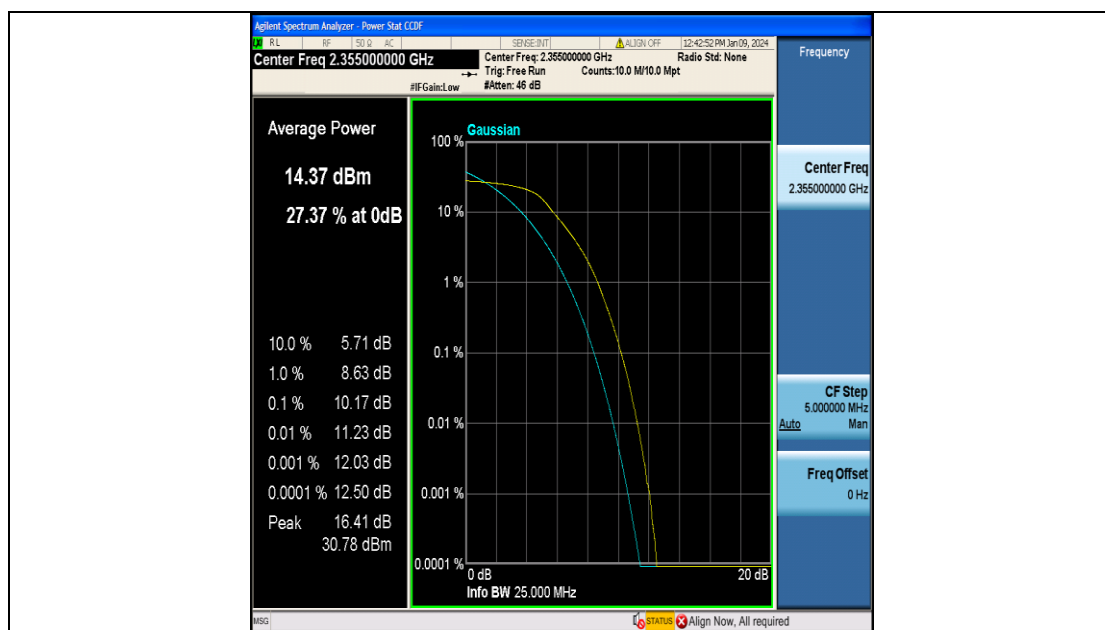


40(2350-2360)-5MHz-QPSK-39200-25RB#0-PASS

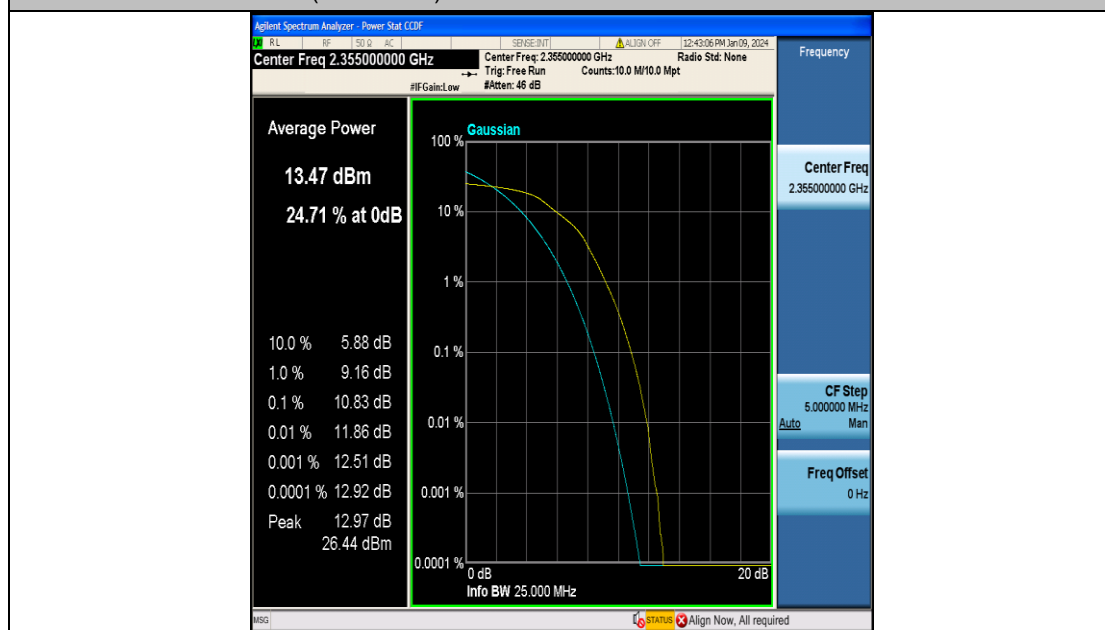


40(2350-2360)-5MHz-16QAM-39200-25RB#0-PASS





40(2350-2360)-10MHz-QPSK-39200-50RB#0-PASS



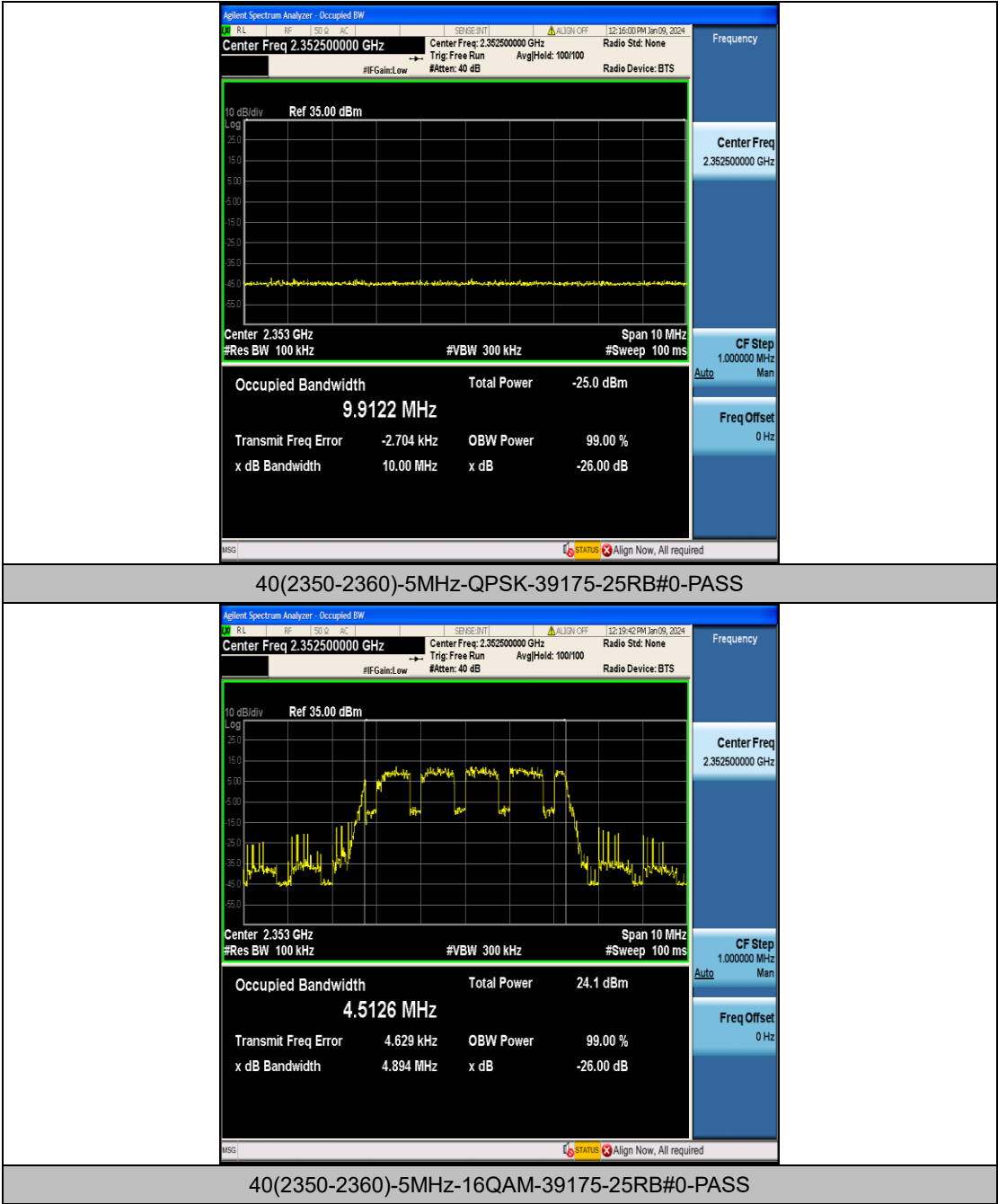
40(2350-2360)-10MHz-16QAM-39200-50RB#0-PASS

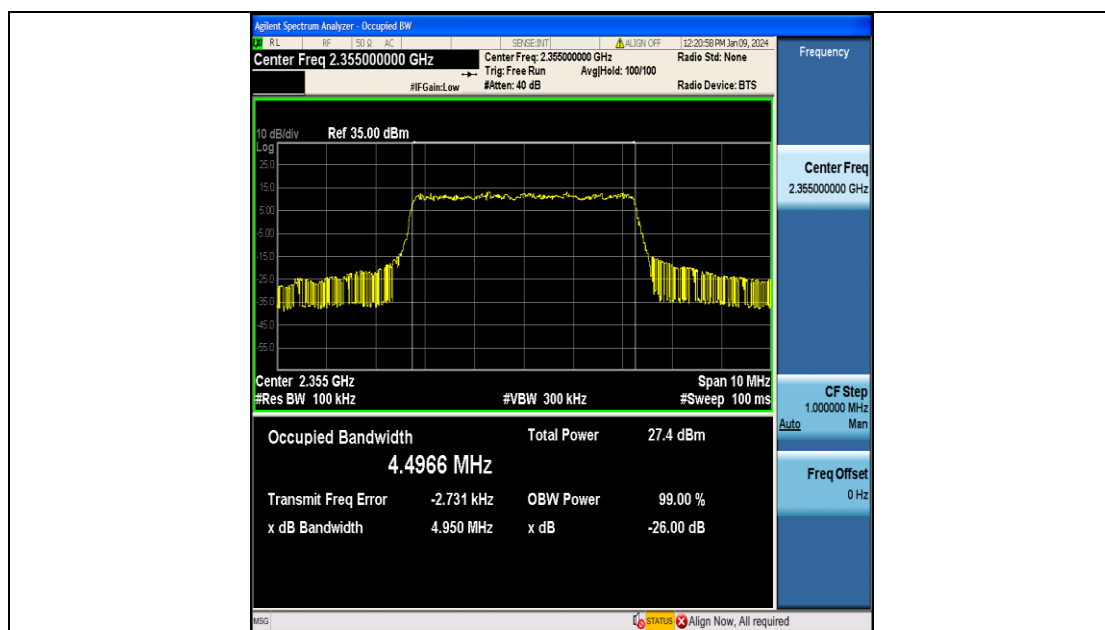
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

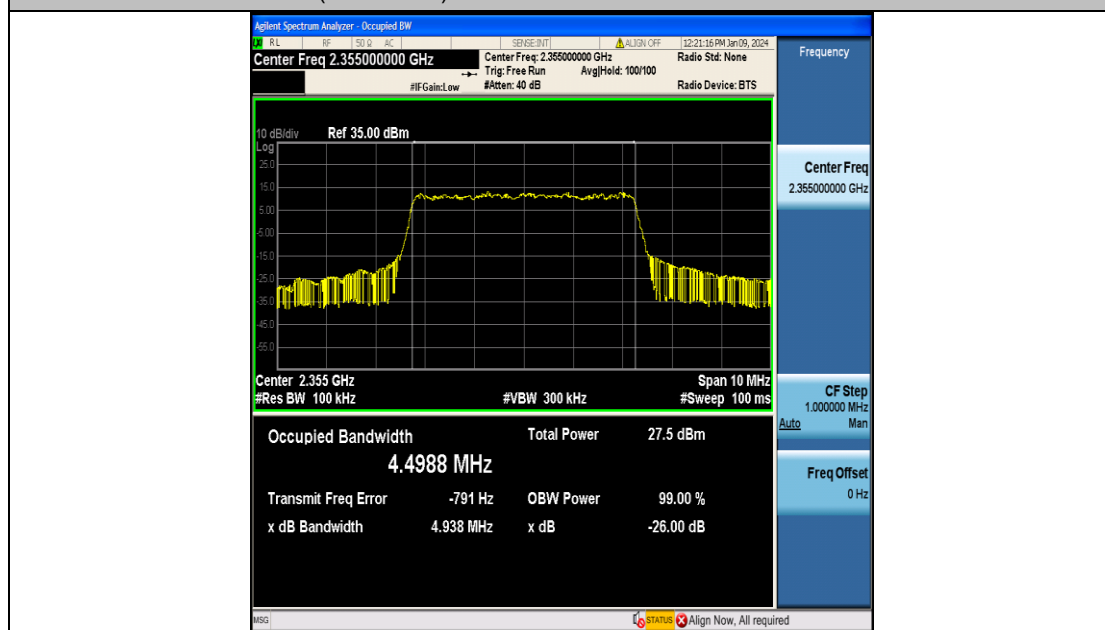
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
40(2350-2360)	5MHz	QPSK	39175	25RB#0	9.9122	10.00	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	4.5126	4.894	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	4.4966	4.950	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	4.4988	4.938	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	4.5153	5.021	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	4.4951	4.966	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	8.9980	9.890	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	8.9813	10.08	PASS

Test Graphs

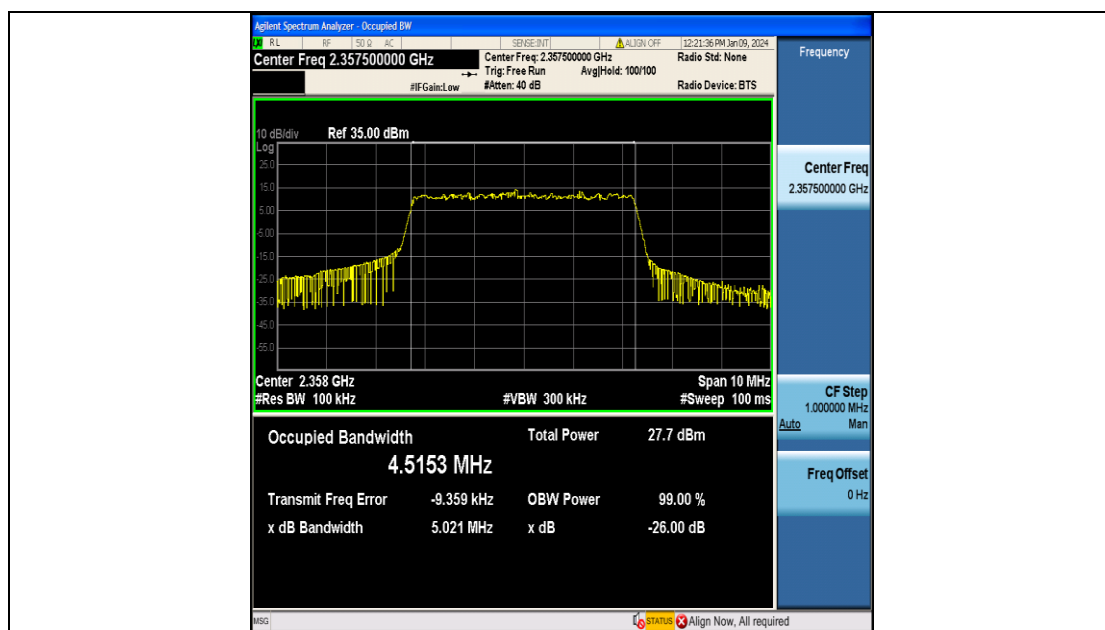




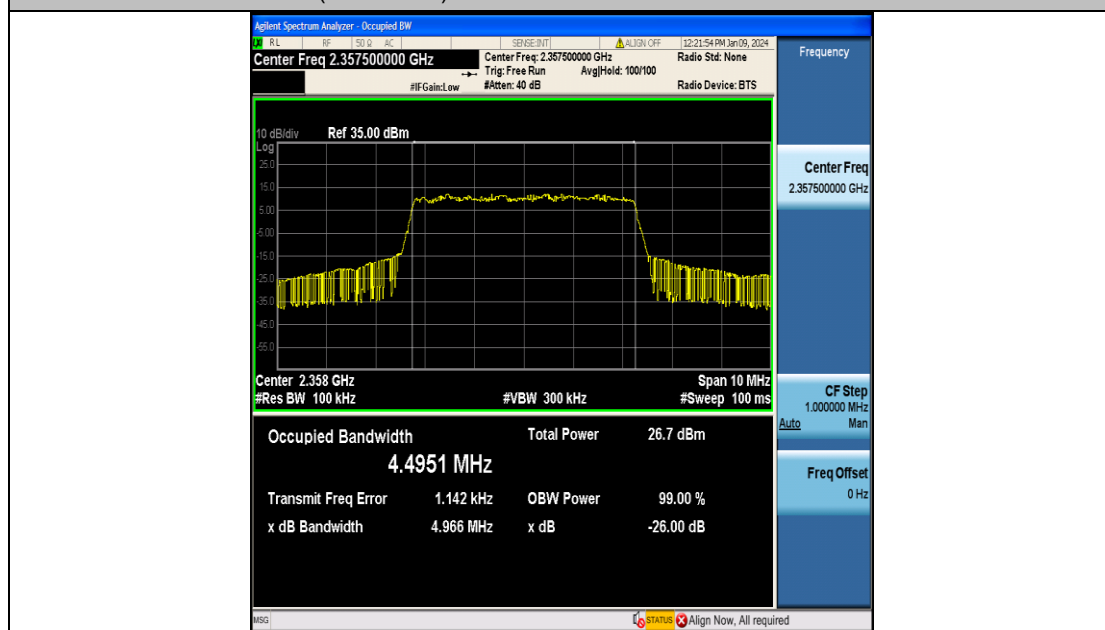
40(2350-2360)-5MHz-QPSK-39200-25RB#0-PASS



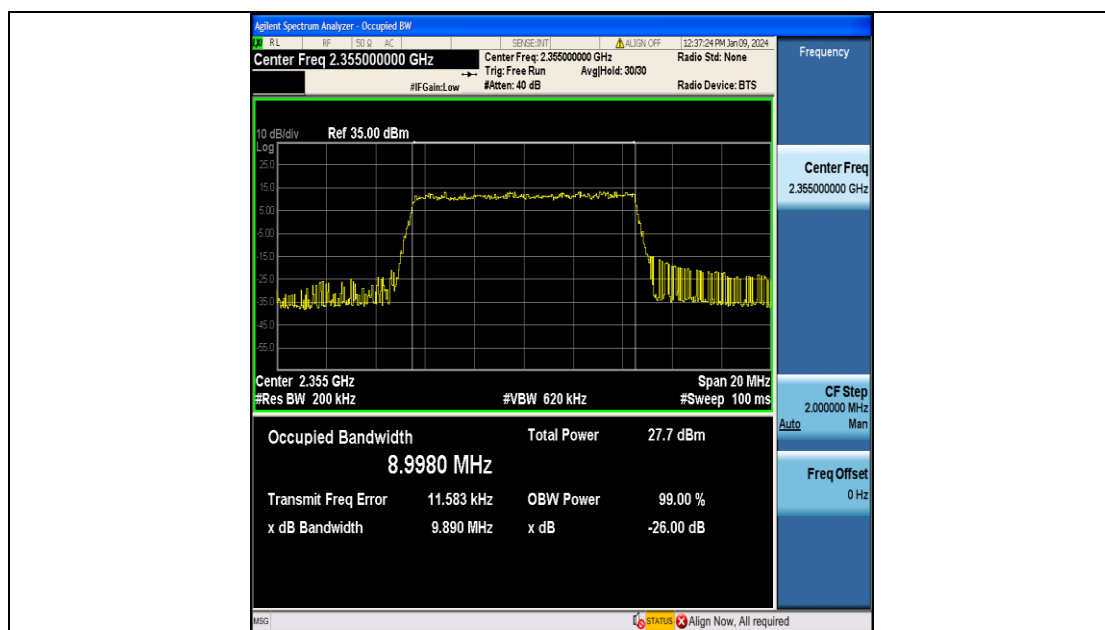
40(2350-2360)-5MHz-16QAM-39200-25RB#0-PASS



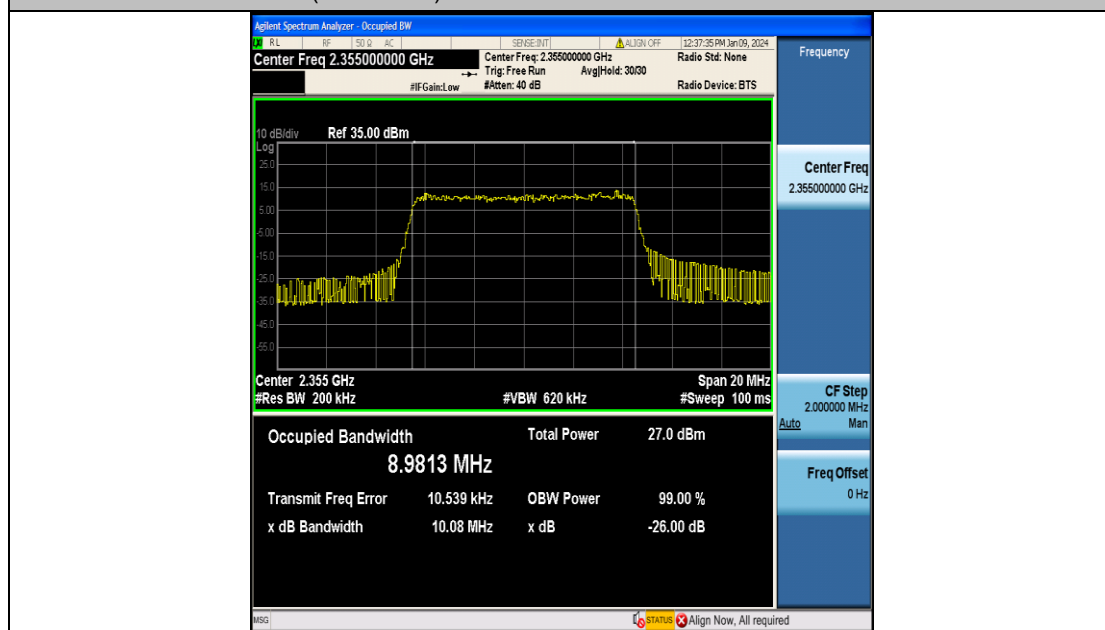
40(2350-2360)-5MHz-QPSK-39225-25RB#0-PASS



40(2350-2360)-5MHz-16QAM-39225-25RB#0-PASS



40(2350-2360)-10MHz-QPSK-39200-50RB#0-PASS



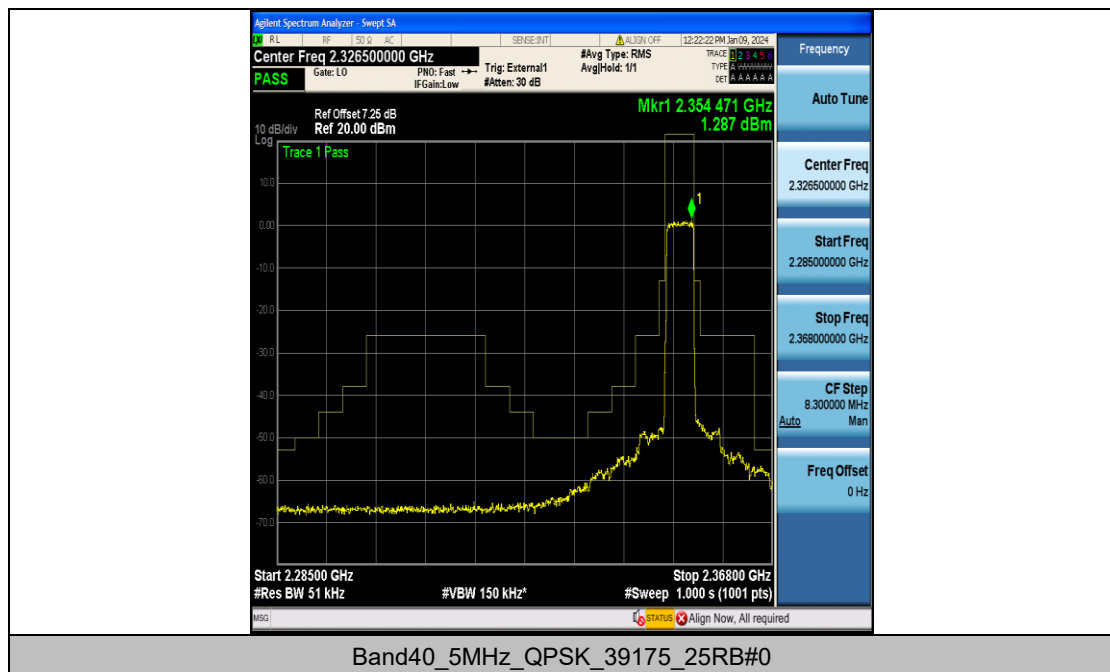
40(2350-2360)-10MHz-16QAM-39200-50RB#0-PASS

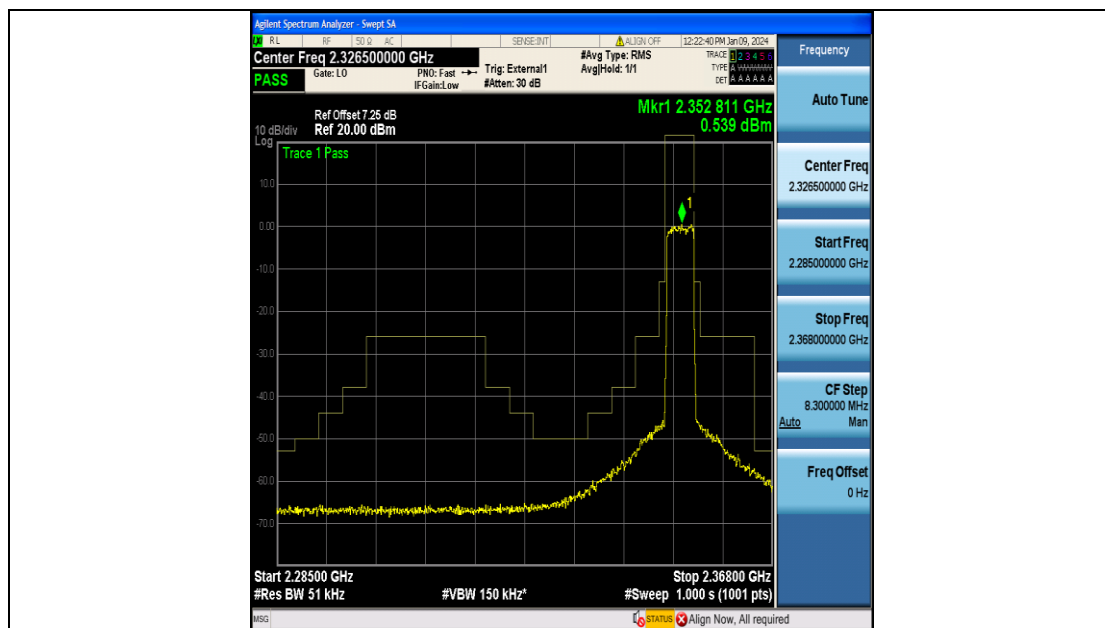
Appendix D: Band Edge

Test Result

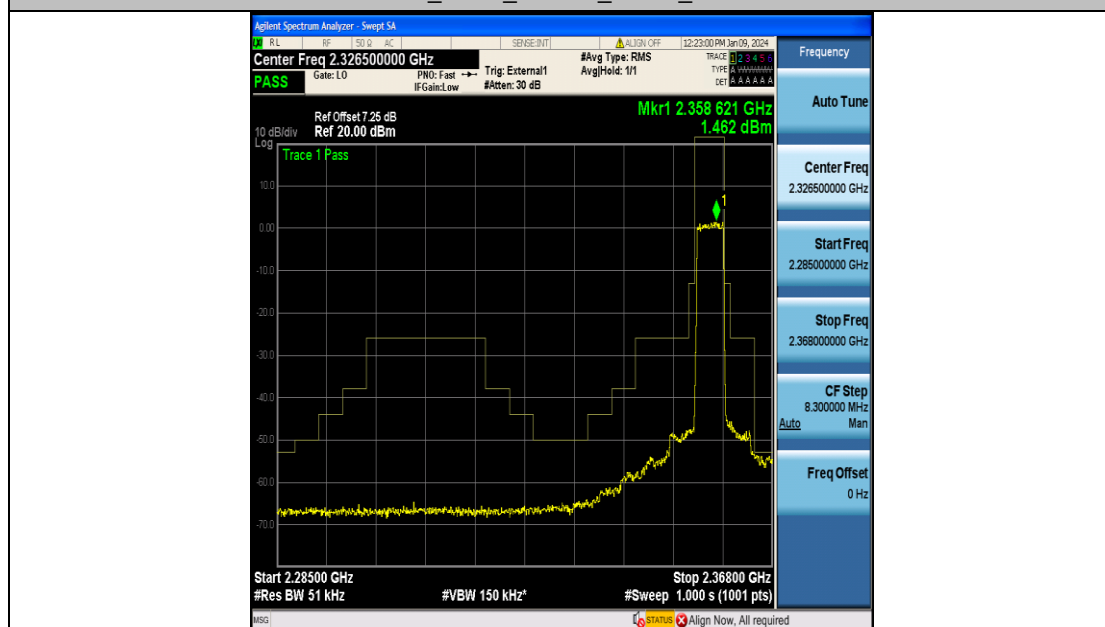
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
40(2350-2360)	5MHz	QPSK	39175	25RB#0	-56.60	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	-57.46	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	-53.16	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	-53.06	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	-50.89	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	-50.61	PASS

Test Graphs

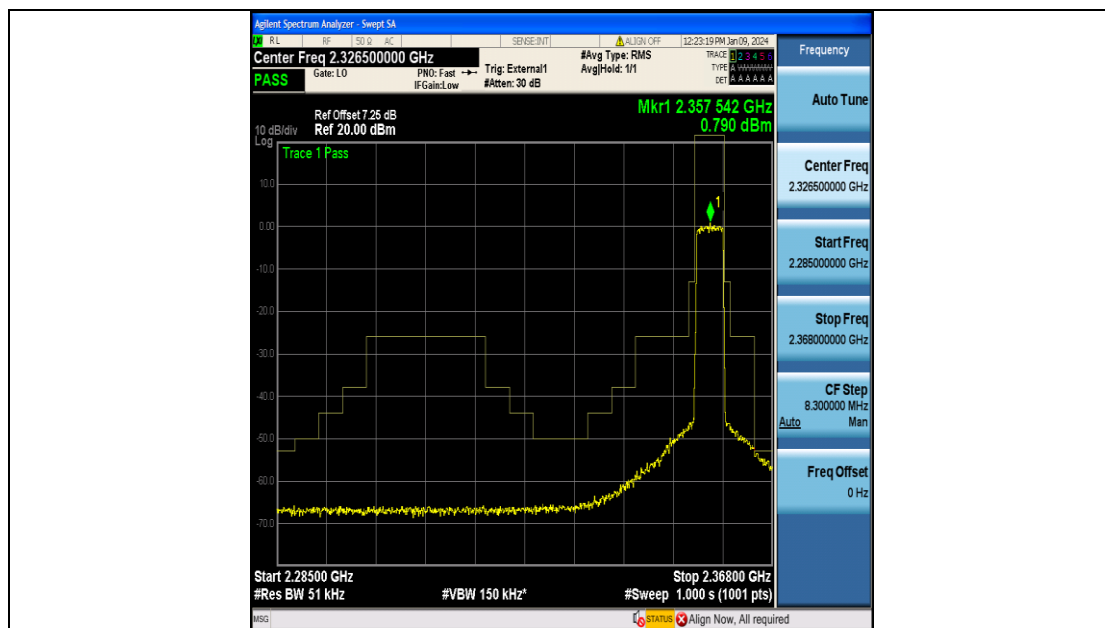




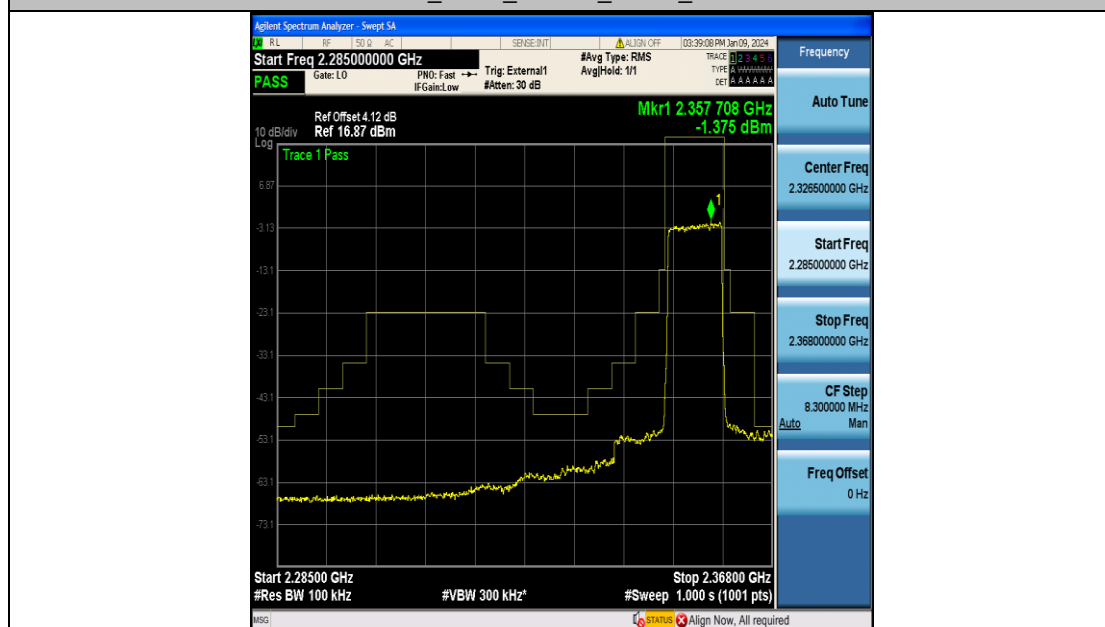
Band40_5MHz_16QAM_39175_25RB#0



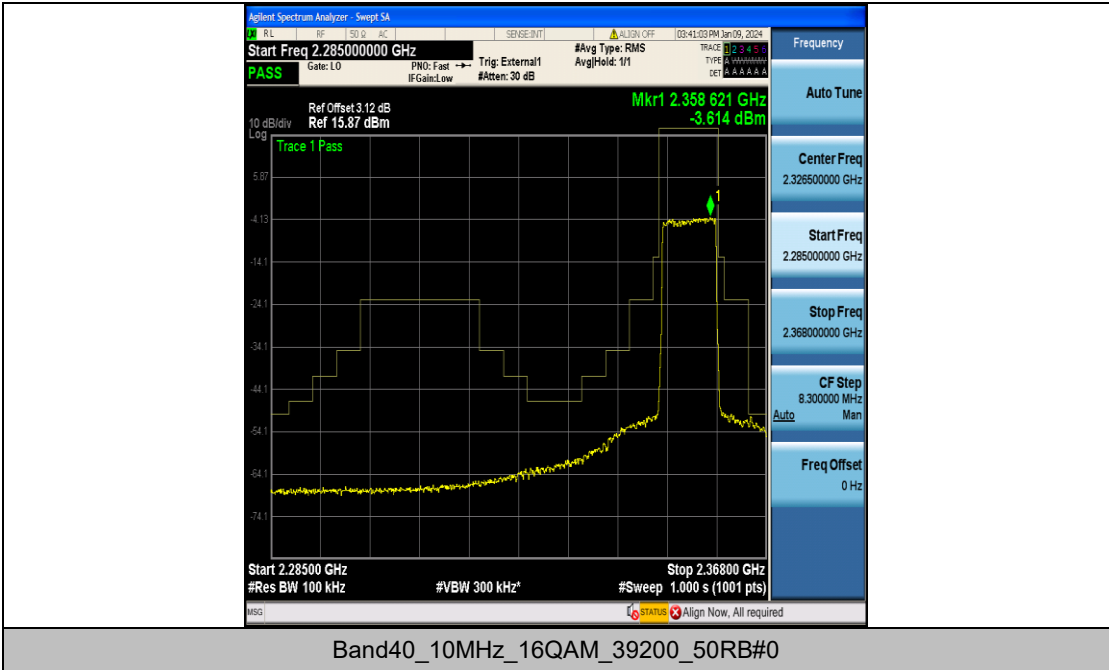
Band40_5MHz_QPSK_39225_25RB#0



Band40_5MHz_16QAM_39225_25RB#0



Band40_10MHz_QPSK_39200_50RB#0



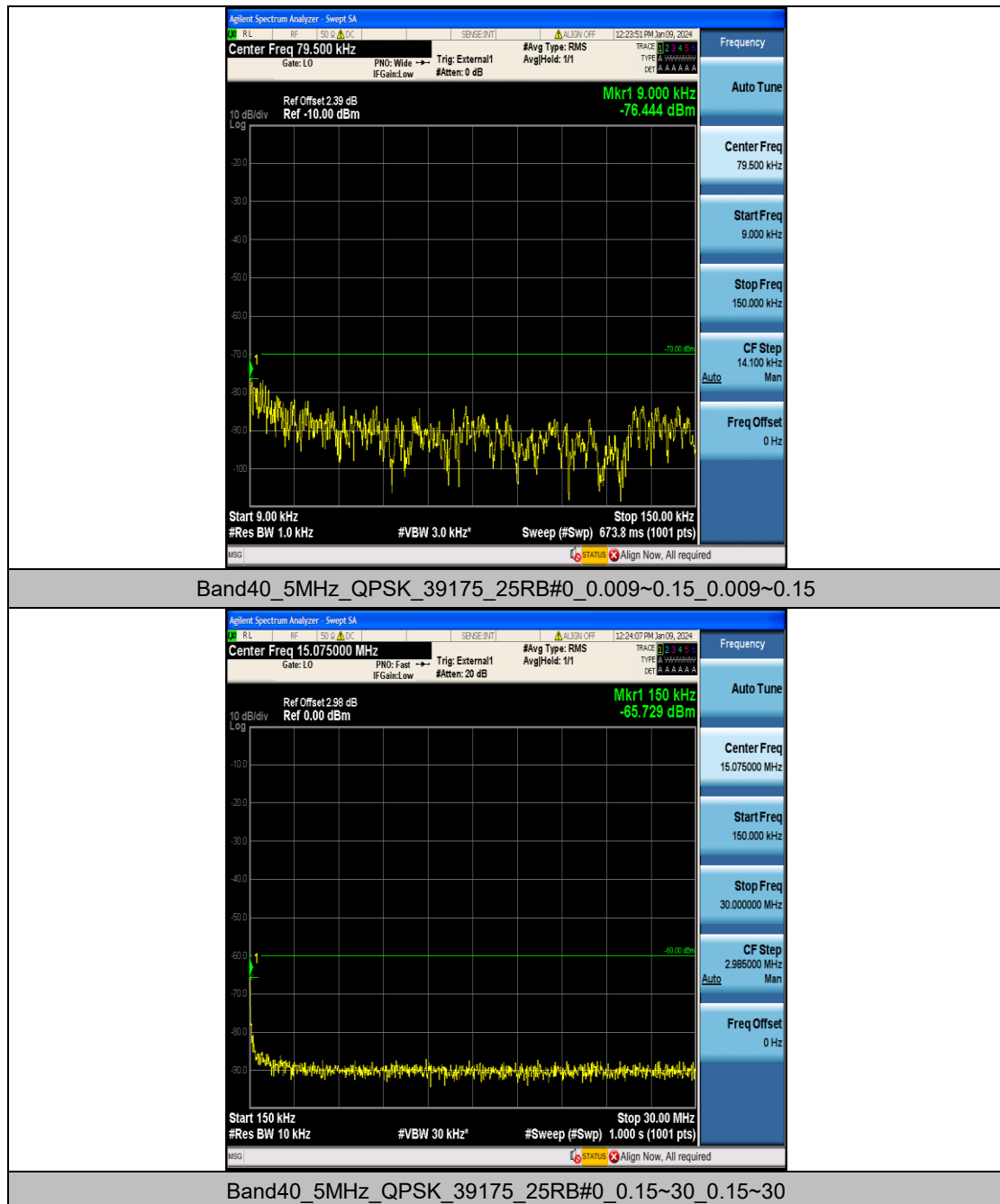
Appendix E: Conducted Spurious Emission

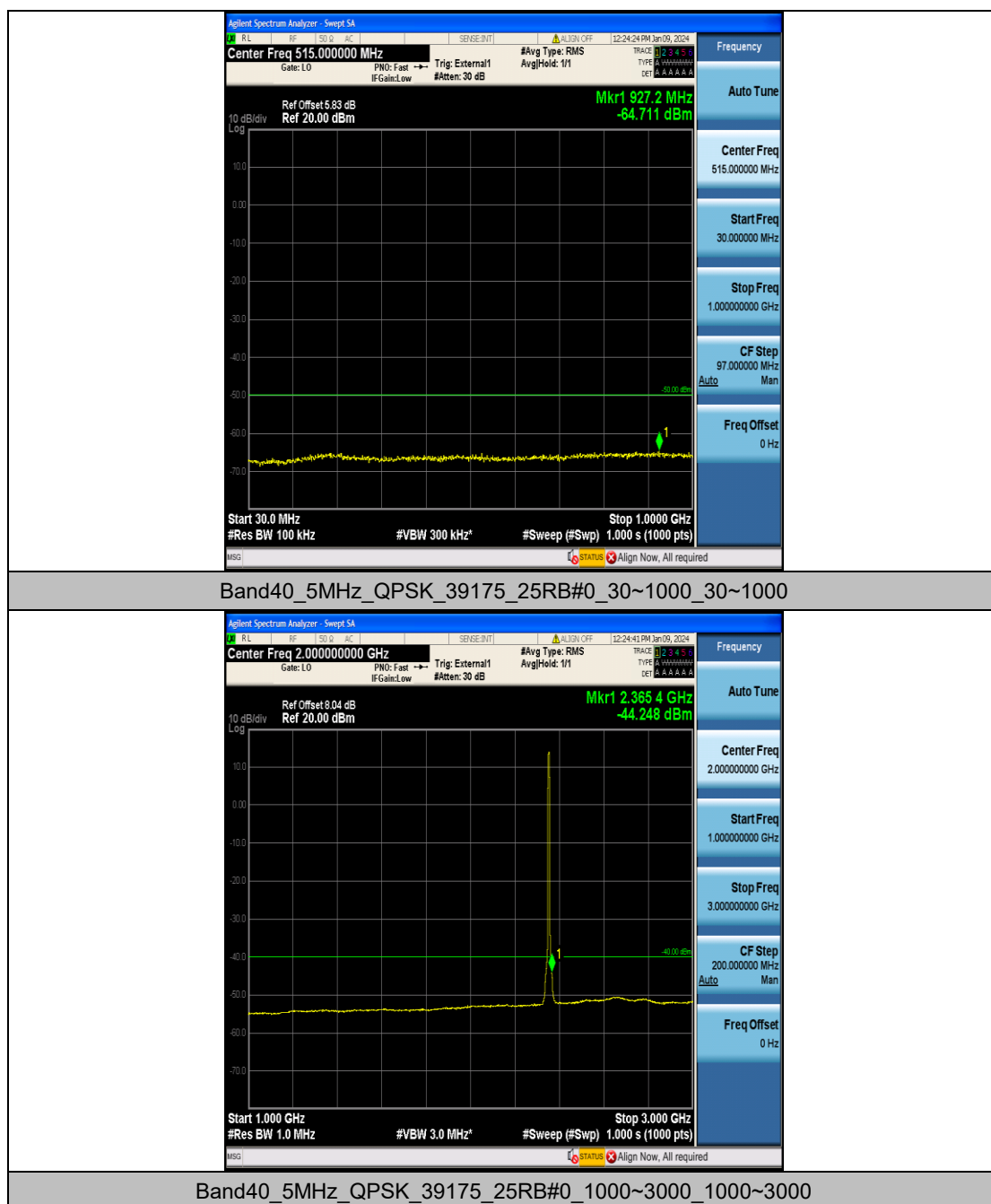
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
40(2350-2360)	5MHz	QPSK	39175	25RB#0	0.009~0.15	-76.44	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	0.15~30	-65.73	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	30~1000	-64.71	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	1000~3000	-44.25	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	3000~26500	-60.50	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	0.009~0.15	-76.27	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	0.15~30	-65.41	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	30~1000	-64.60	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	1000~3000	-45.02	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	3000~26500	-60.77	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	0.009~0.15	-75.40	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	0.15~30	-66.99	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	30~1000	-64.90	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	1000~3000	-44.91	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	3000~26500	-60.64	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	0.009~0.15	-76.89	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	0.15~30	-68.50	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	30~1000	-64.74	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	1000~3000	-46.43	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	3000~26500	-60.54	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	0.009~0.15	-75.55	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	0.15~30	-68.24	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	30~1000	-64.82	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	1000~3000	-44.51	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	3000~26500	-60.63	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	0.009~0.15	-75.13	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	0.15~30	-67.38	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	30~1000	-64.85	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	1000~3000	-46.31	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	3000~26500	-60.55	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	0.009~0.15	-76.04	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	0.15~30	-65.59	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	30~1000	-64.75	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	1000~3000	-47.09	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	3000~26500	-60.60	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	0.009~0.15	-78.52	PASS

40(2350-2360)	10MHz	16QAM	39200	50RB#0	0.15~30	-66.61	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	30~1000	-64.82	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	1000~3000	-48.24	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	3000~26500	-60.53	PASS

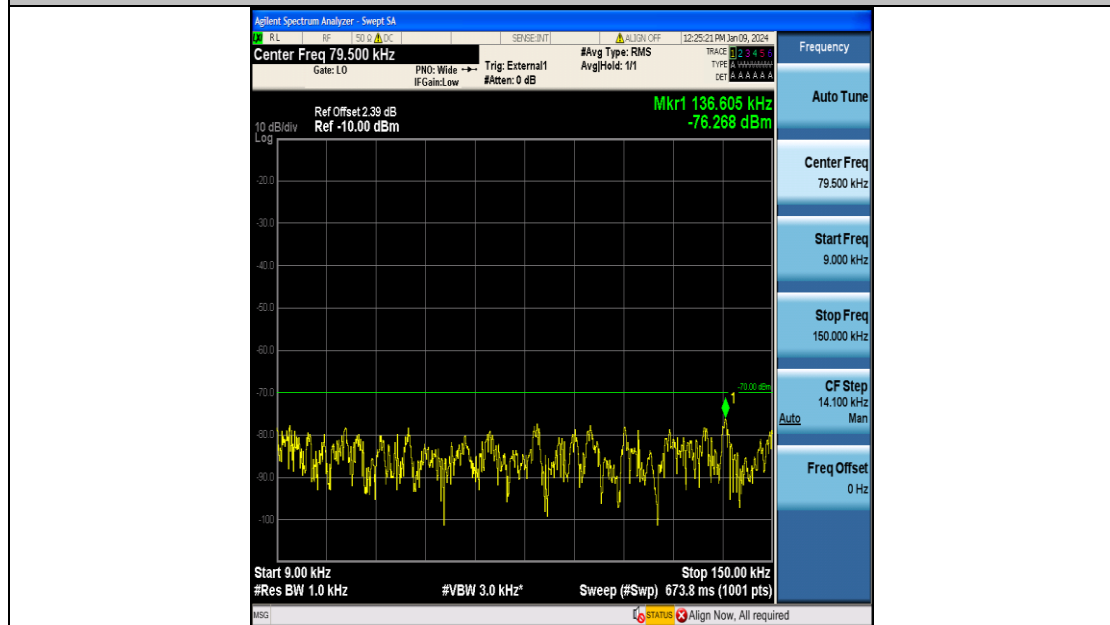
Test Graphs



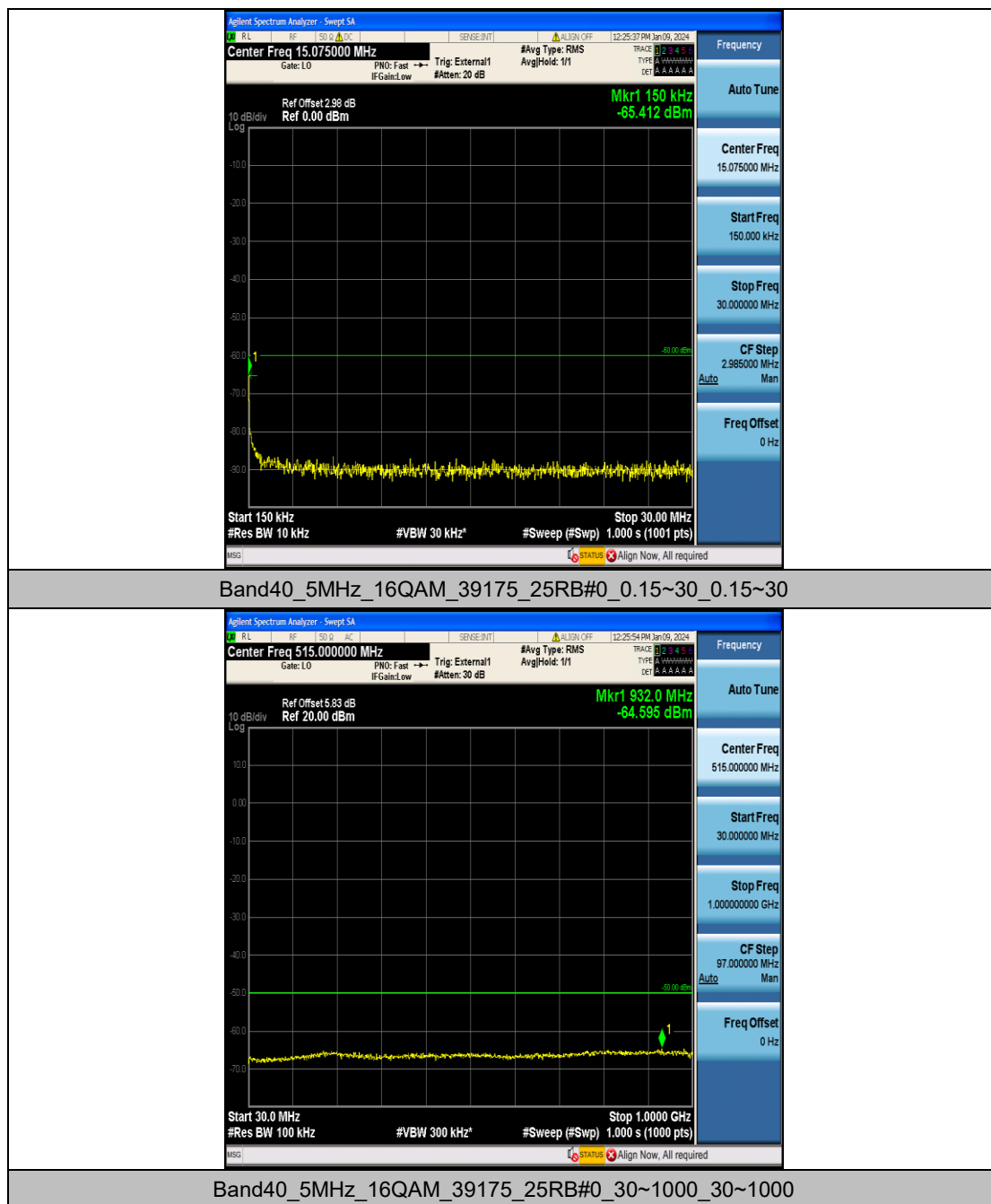


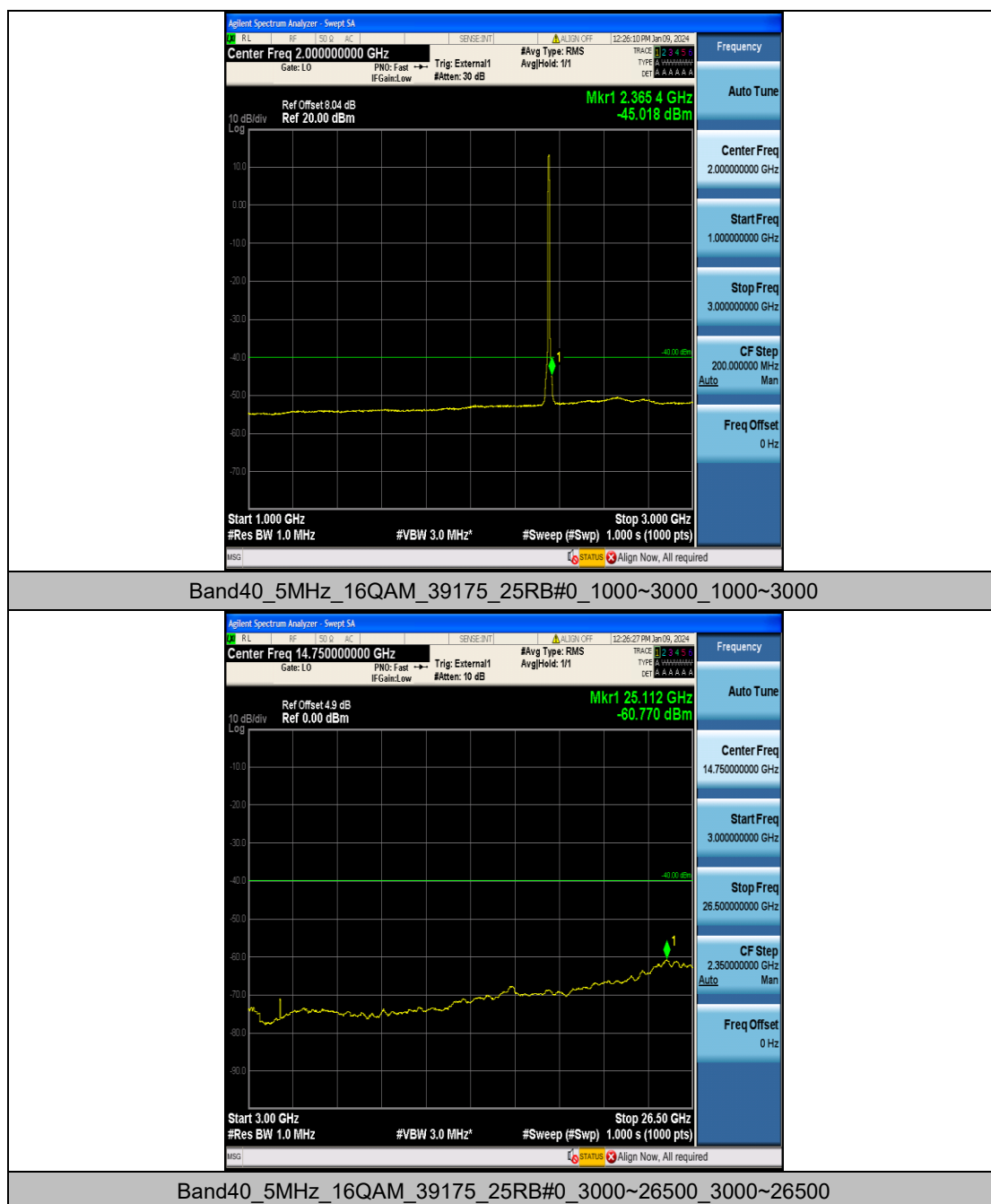


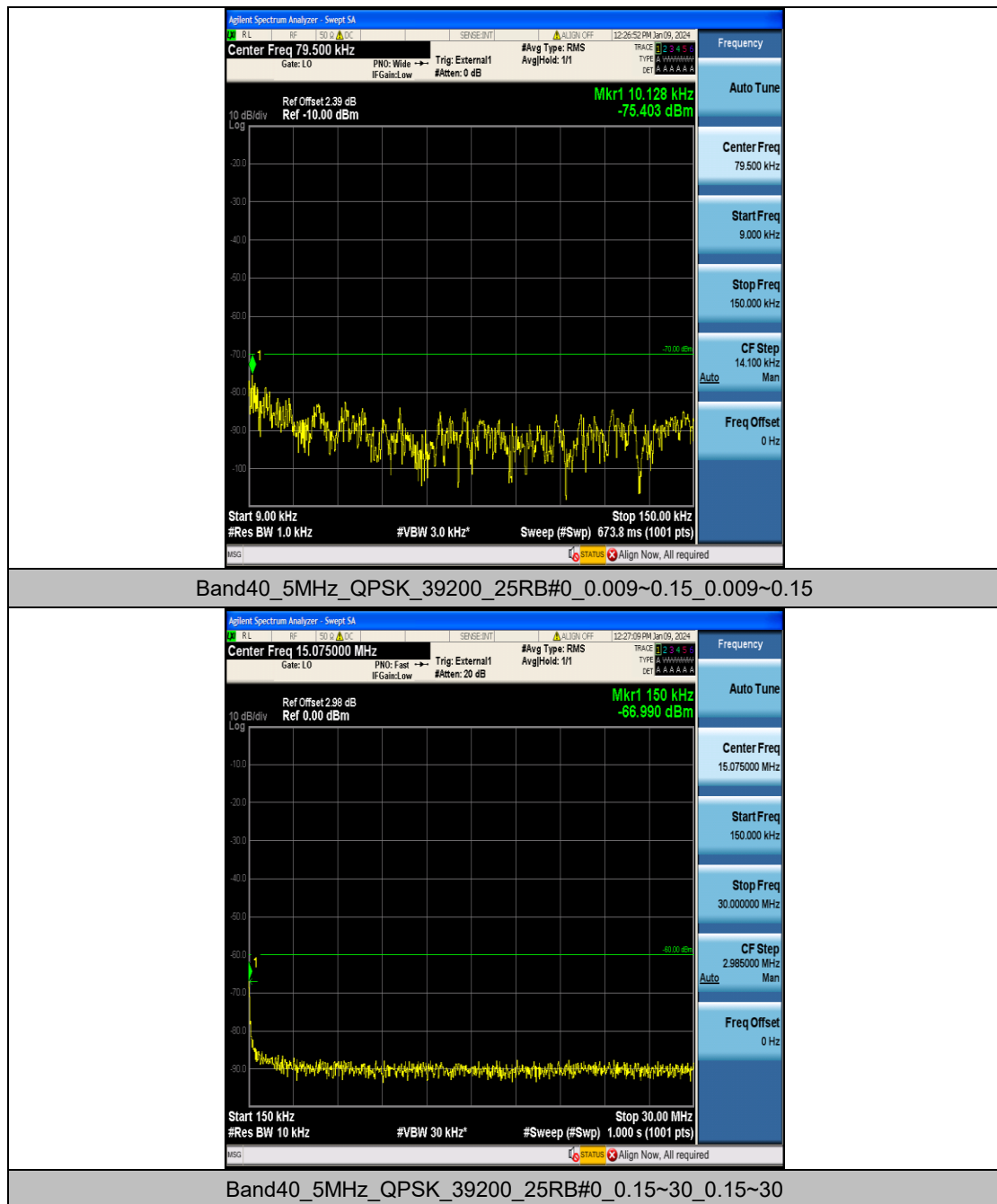
Band40_5MHz_QPSK_39175_25RB#0_3000~26500_3000~26500

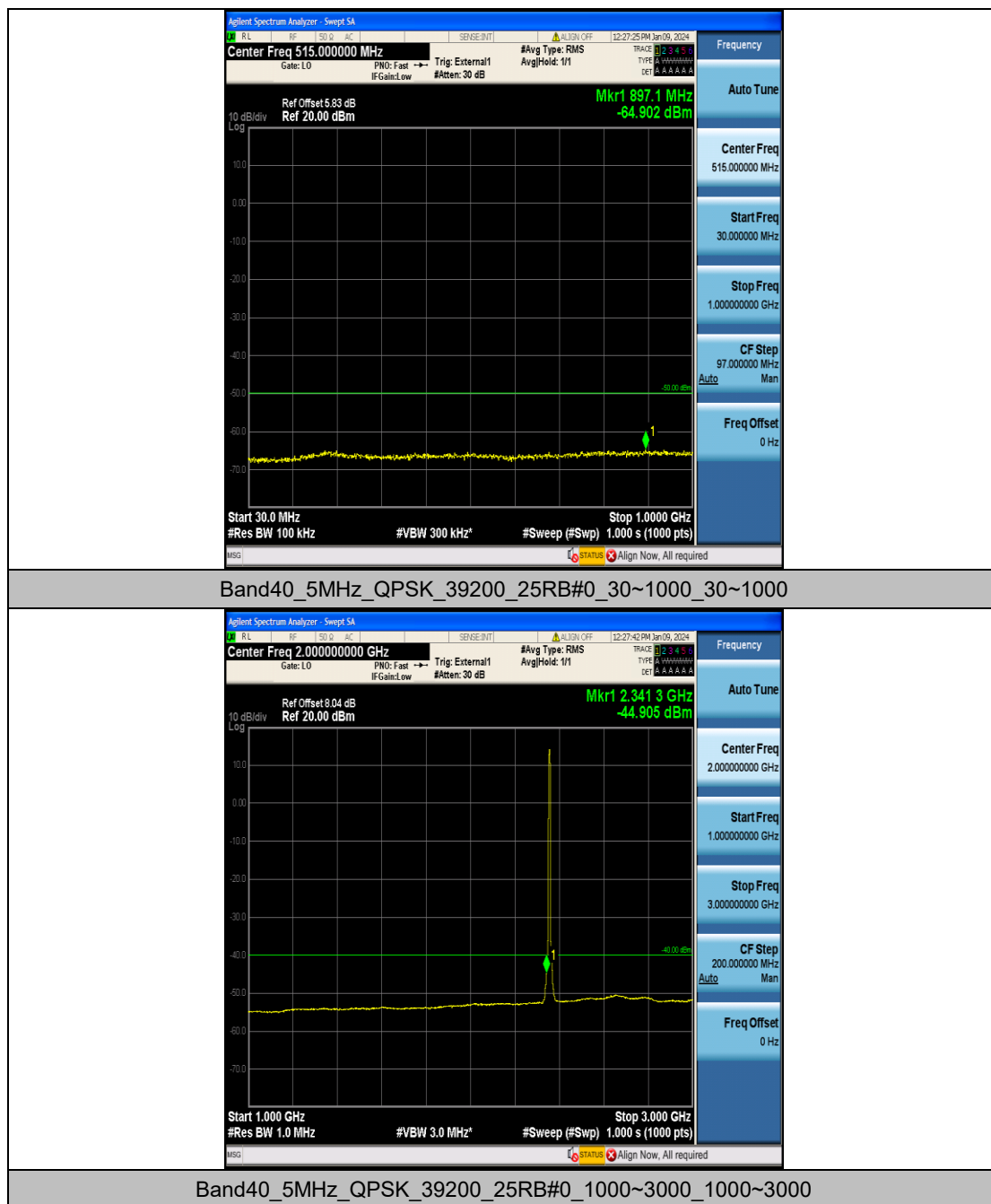


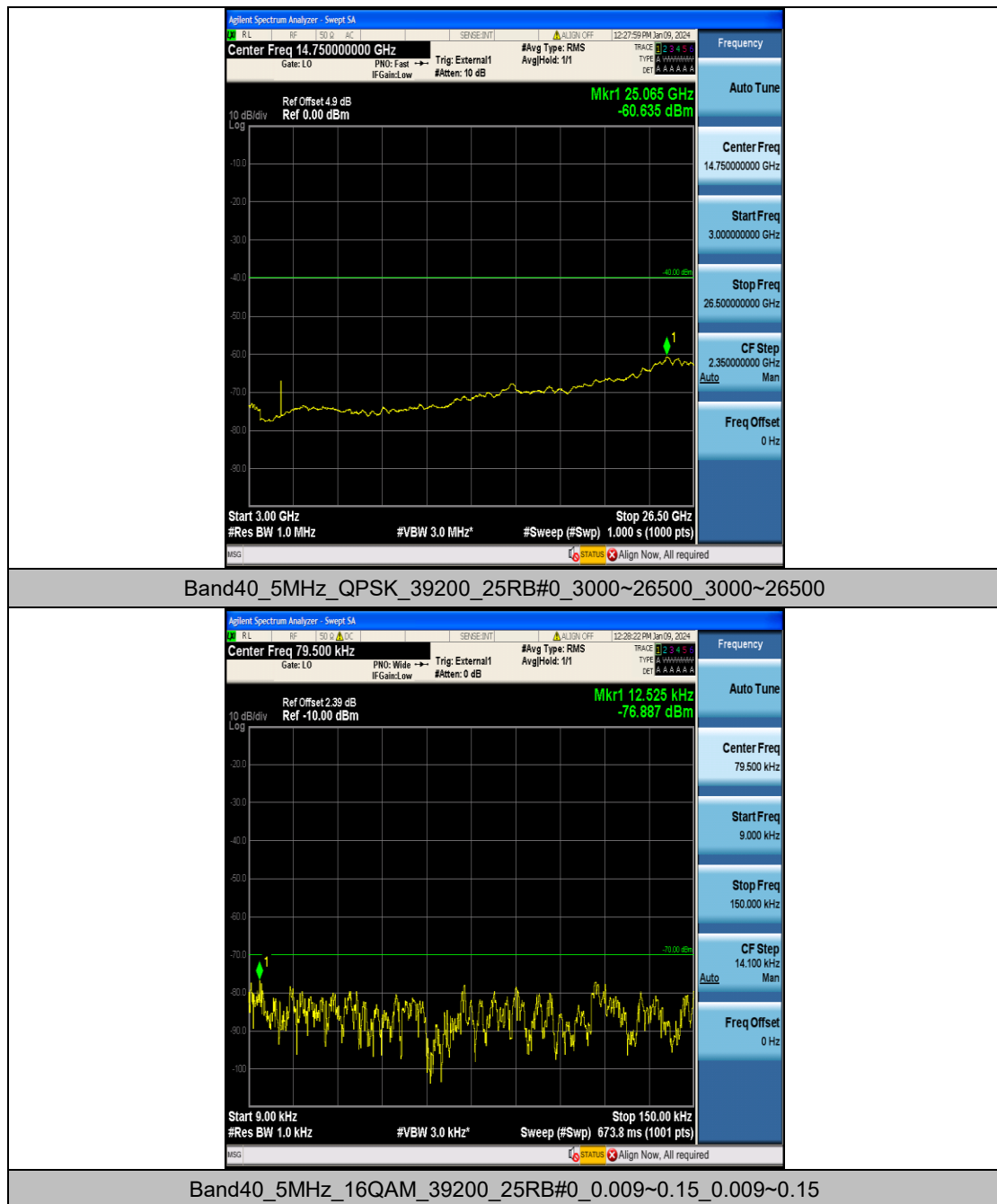
Band40_5MHz_16QAM_39175_25RB#0_0.009~0.15_0.009~0.15

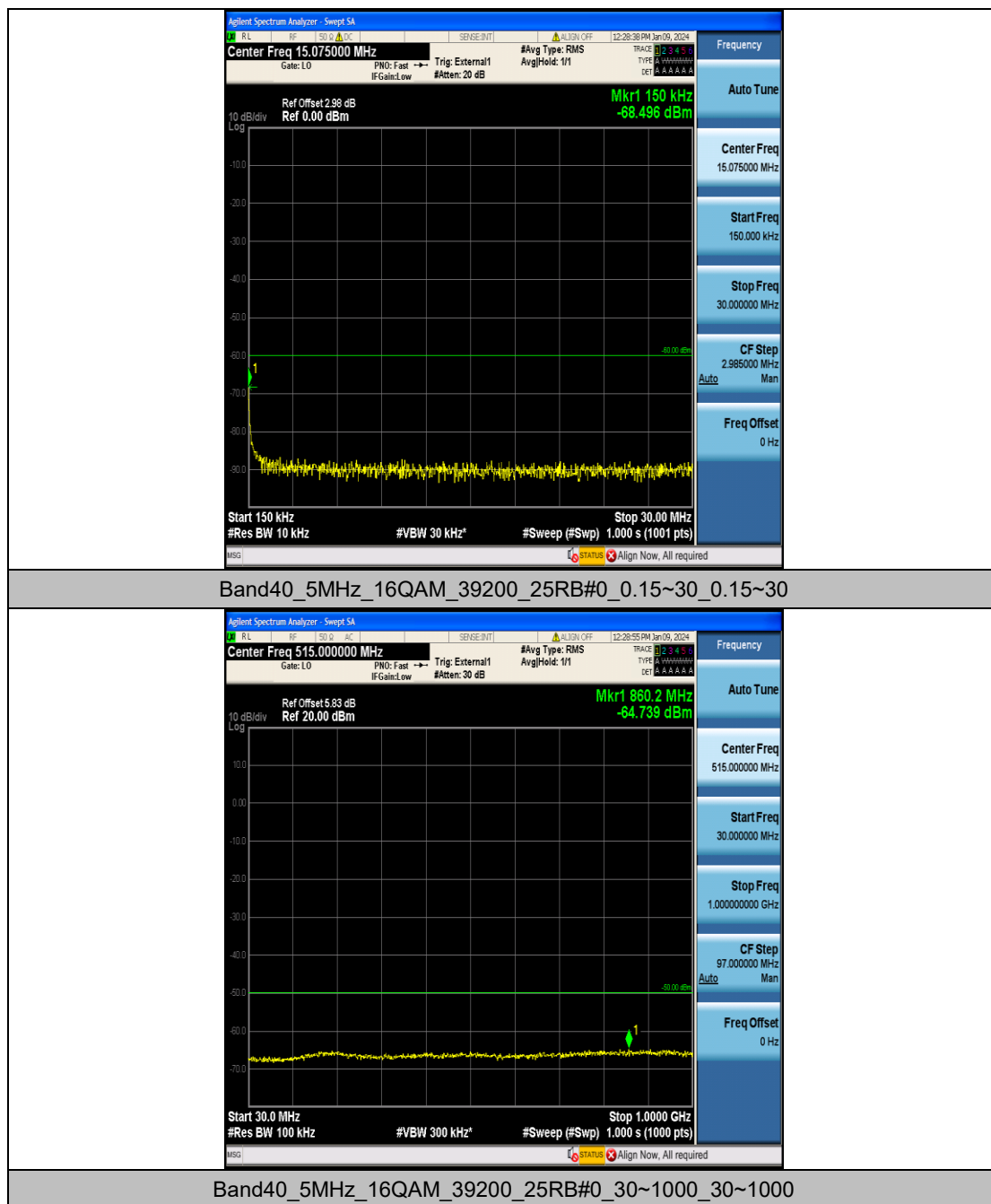


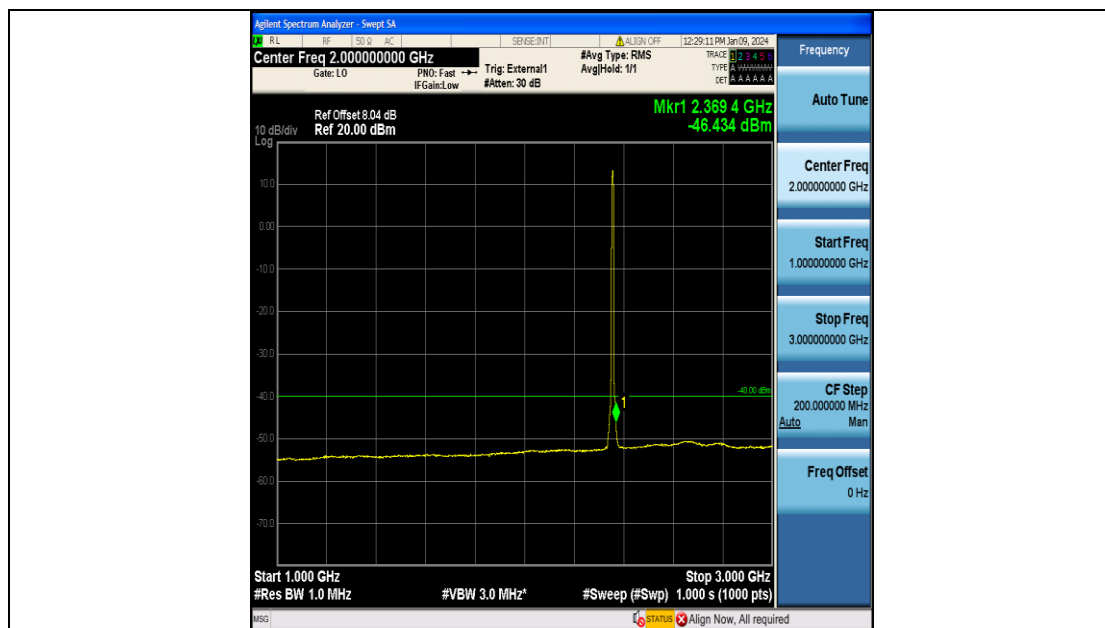








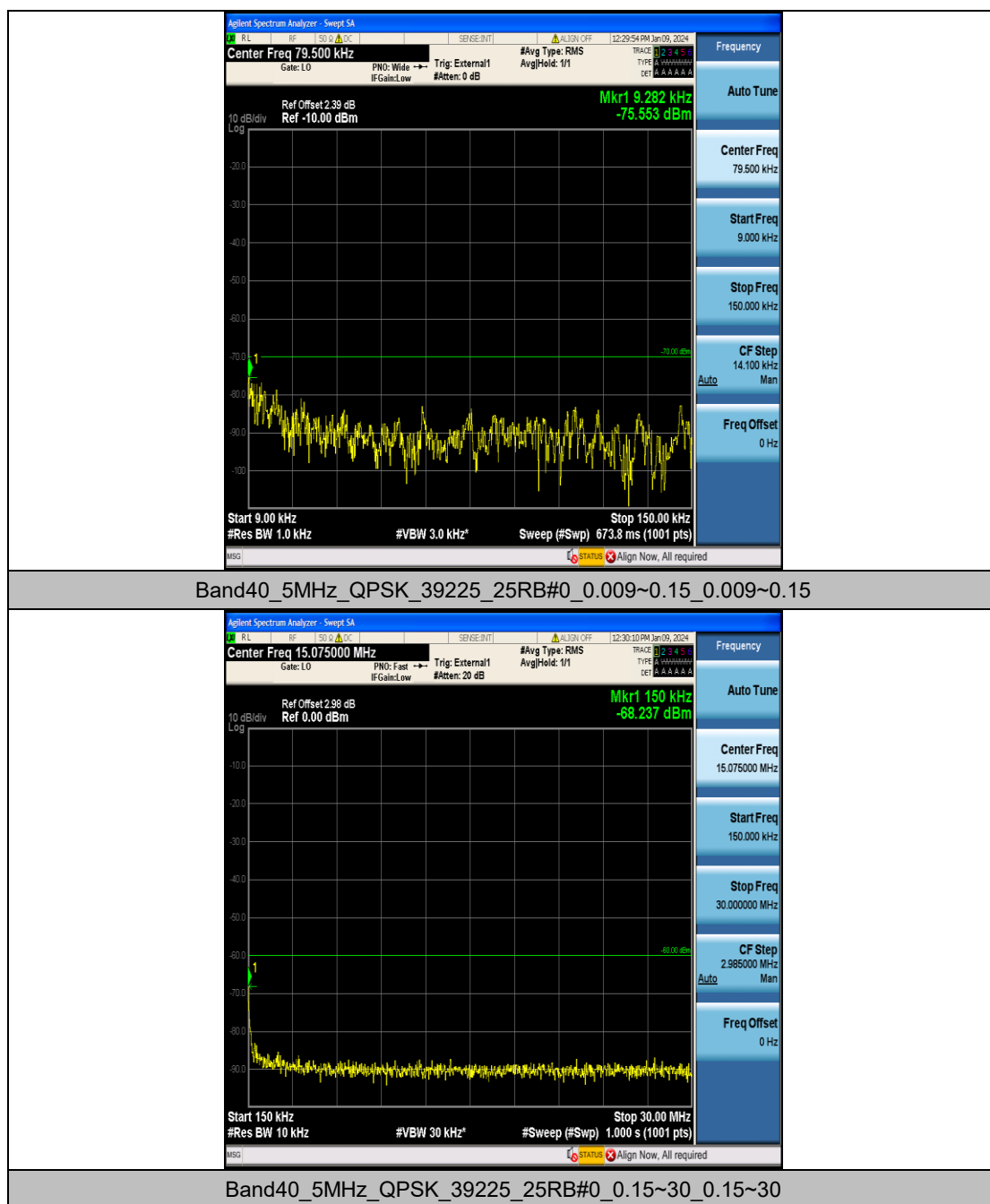


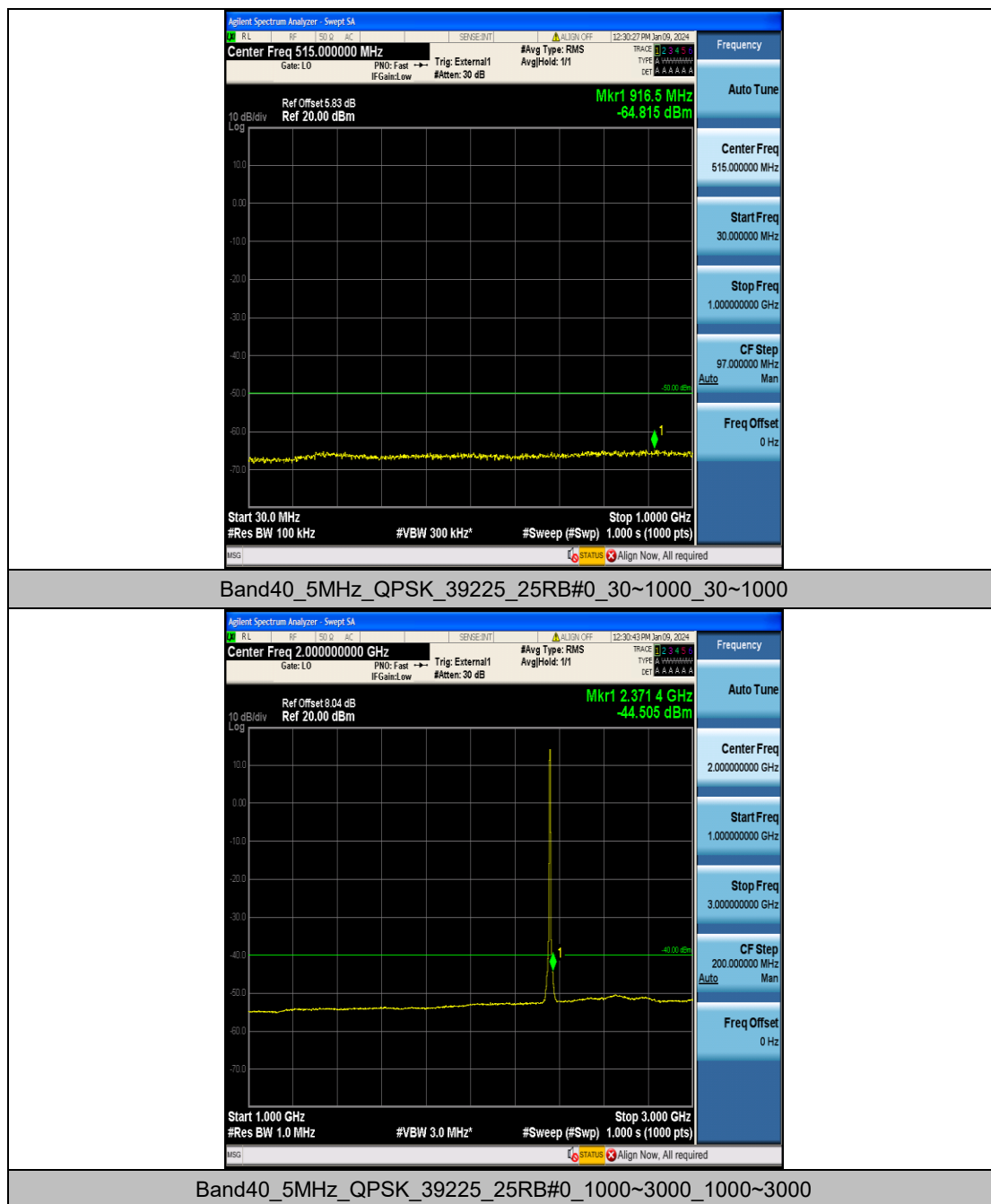


Band40_5MHz_16QAM_39200_25RB#0_1000~3000_1000~3000



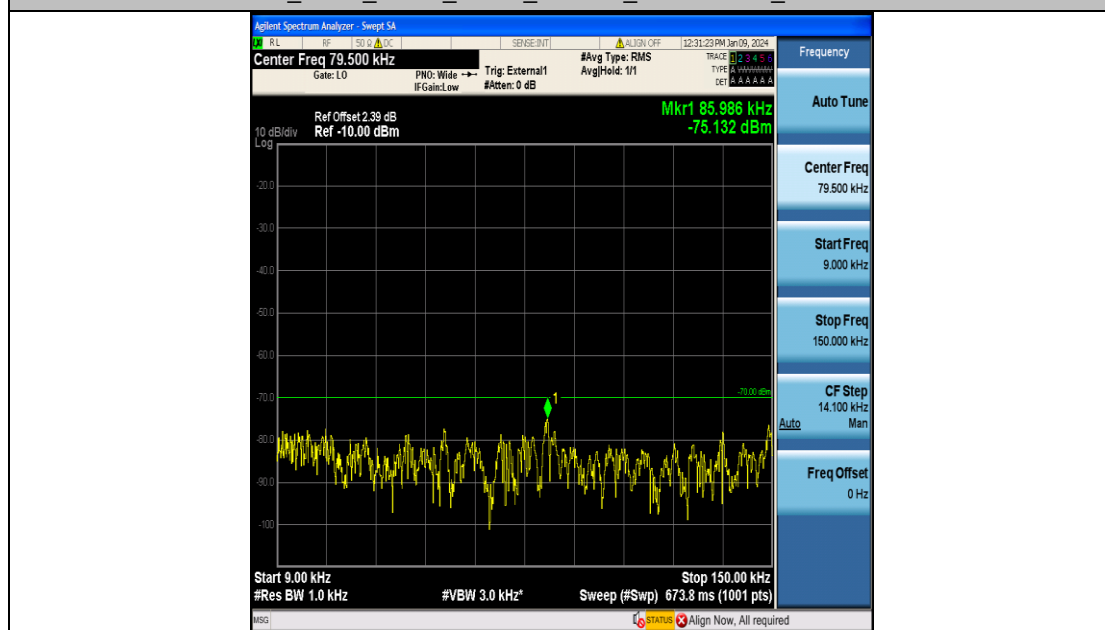
Band40_5MHz_16QAM_39200_25RB#0_3000~26500_3000~26500



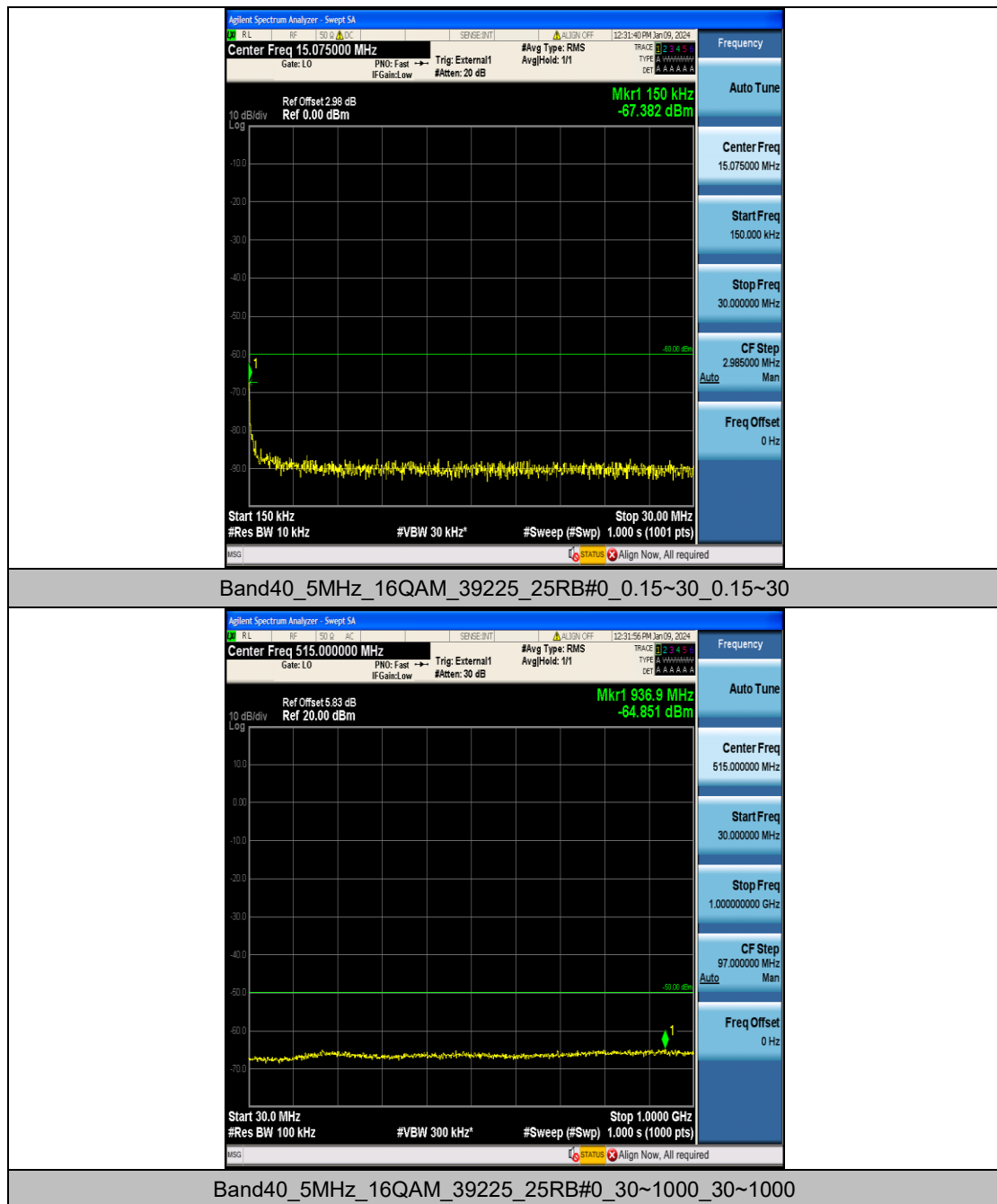


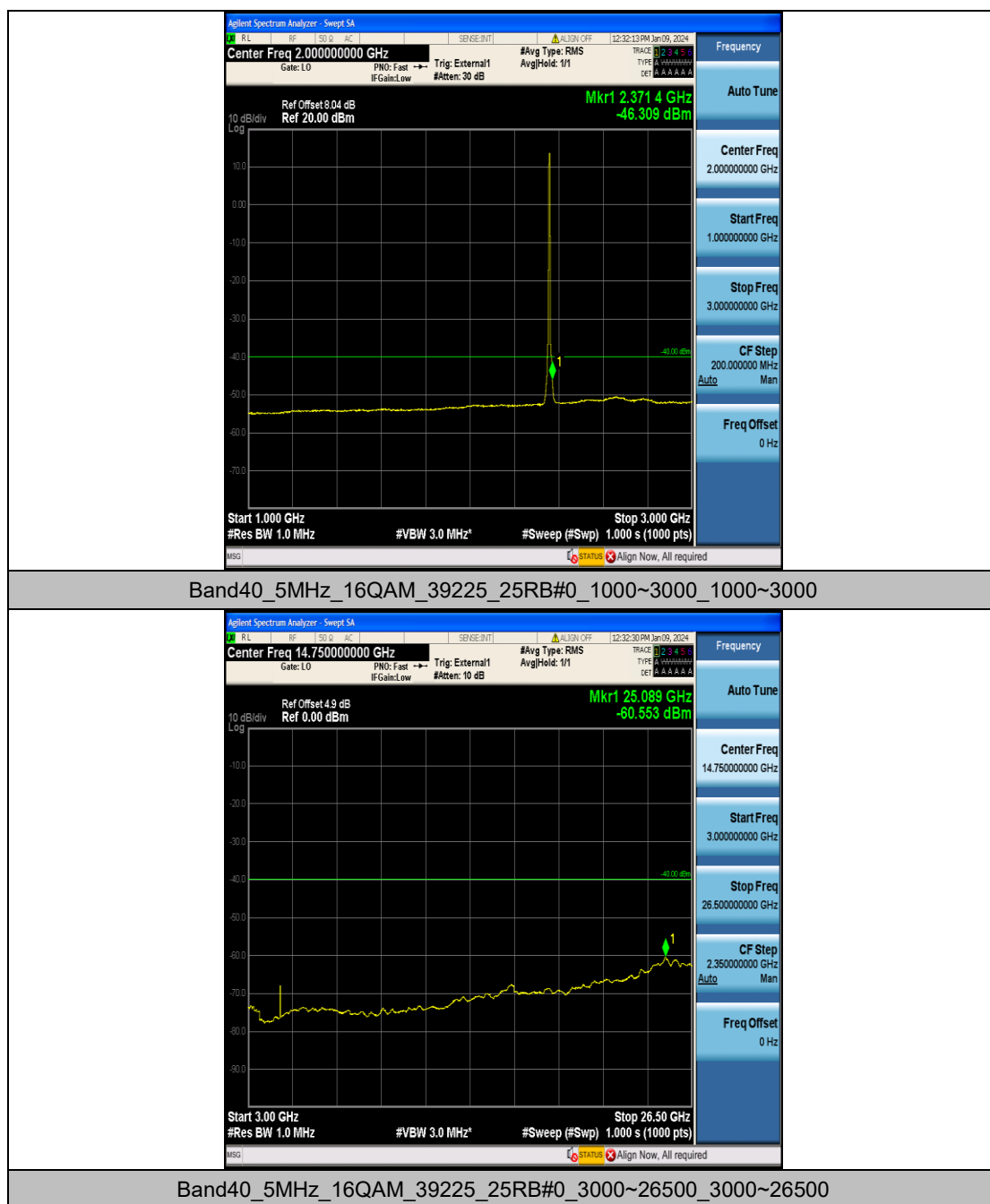


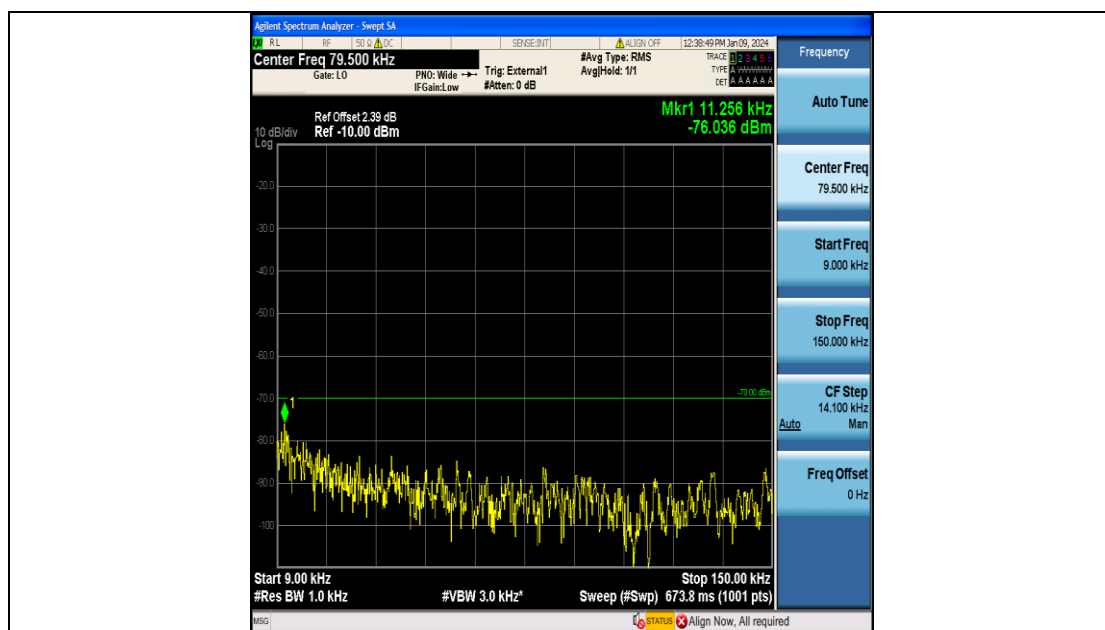
Band40_5MHz_QPSK_39225_25RB#0_3000~26500_3000~26500



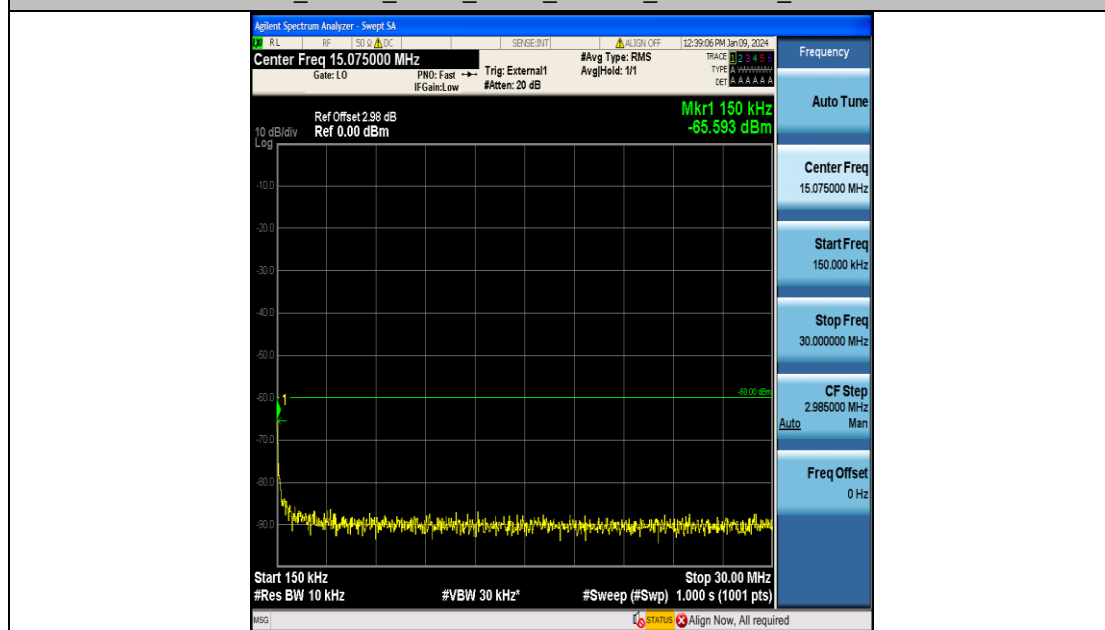
Band40_5MHz_16QAM_39225_25RB#0_0.009~0.15_0.009~0.15



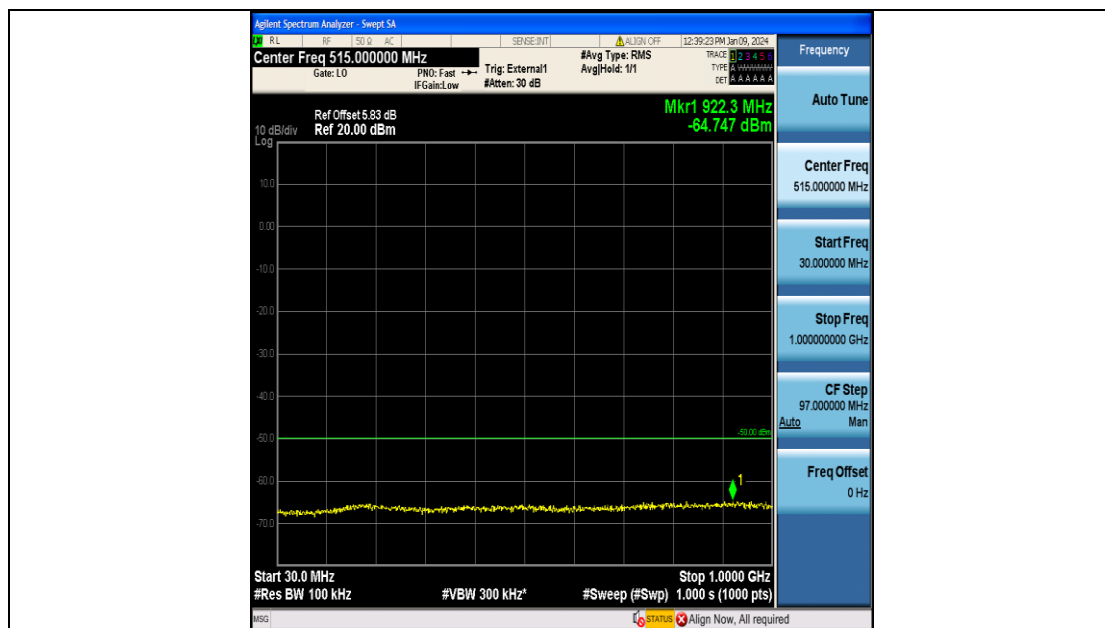




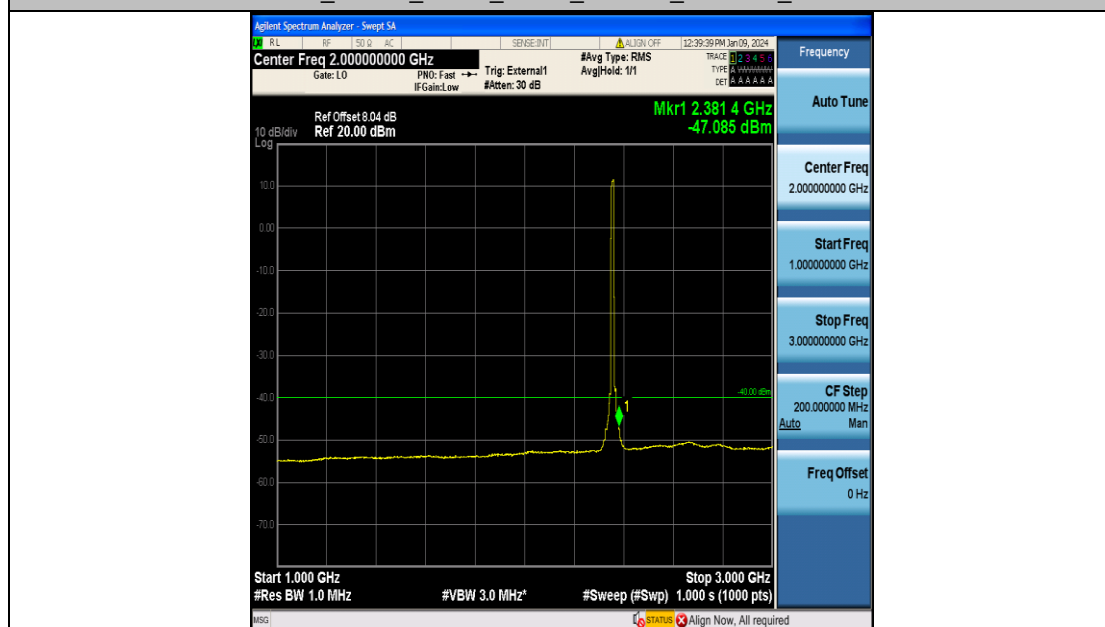
Band40_10MHz_QPSK_39200_50RB#0_0.009~0.15_0.009~0.15



Band40_10MHz_QPSK_39200_50RB#0_0.15~30_0.15~30



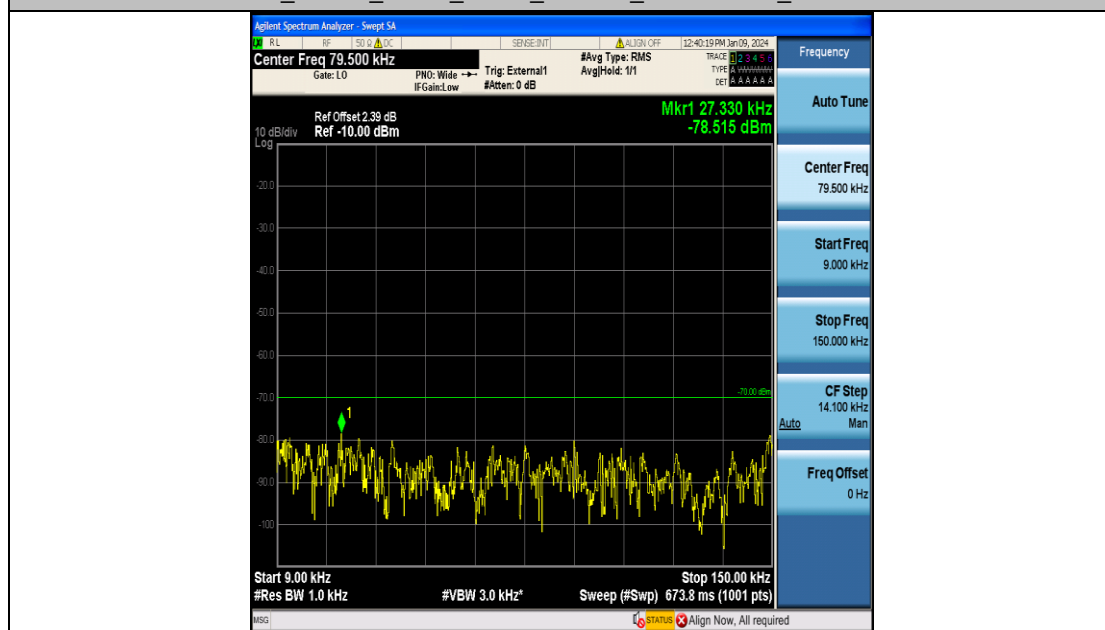
Band40_10MHz_QPSK_39200_50RB#0_30~1000_30~1000



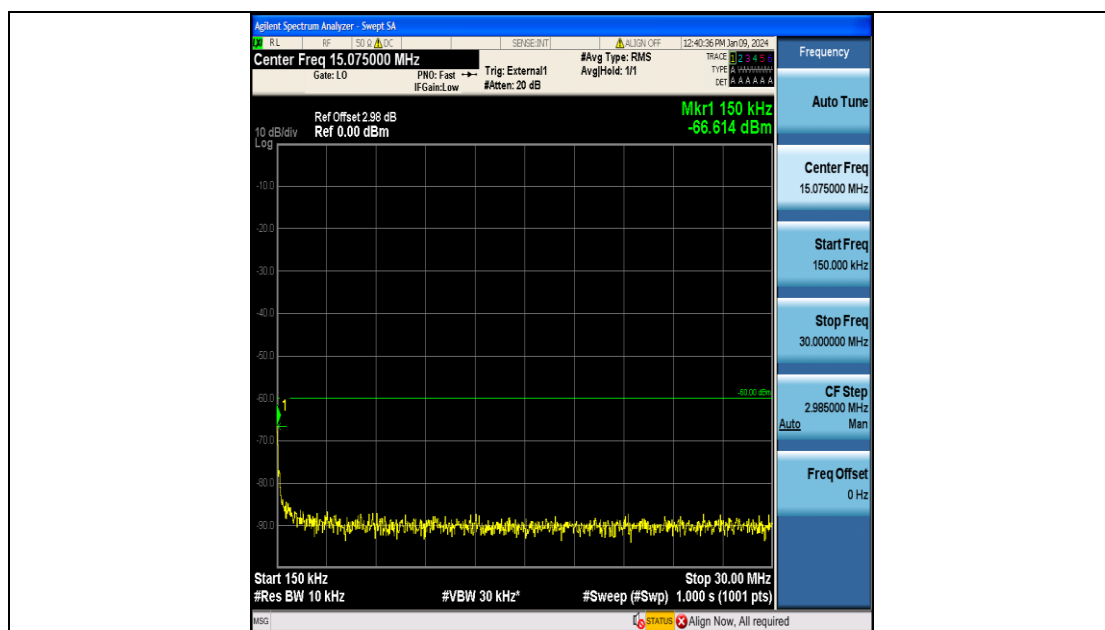
Band40_10MHz_QPSK_39200_50RB#0_1000~3000_1000~3000



Band40_10MHz_QPSK_39200_50RB#0_3000~26500_3000~26500



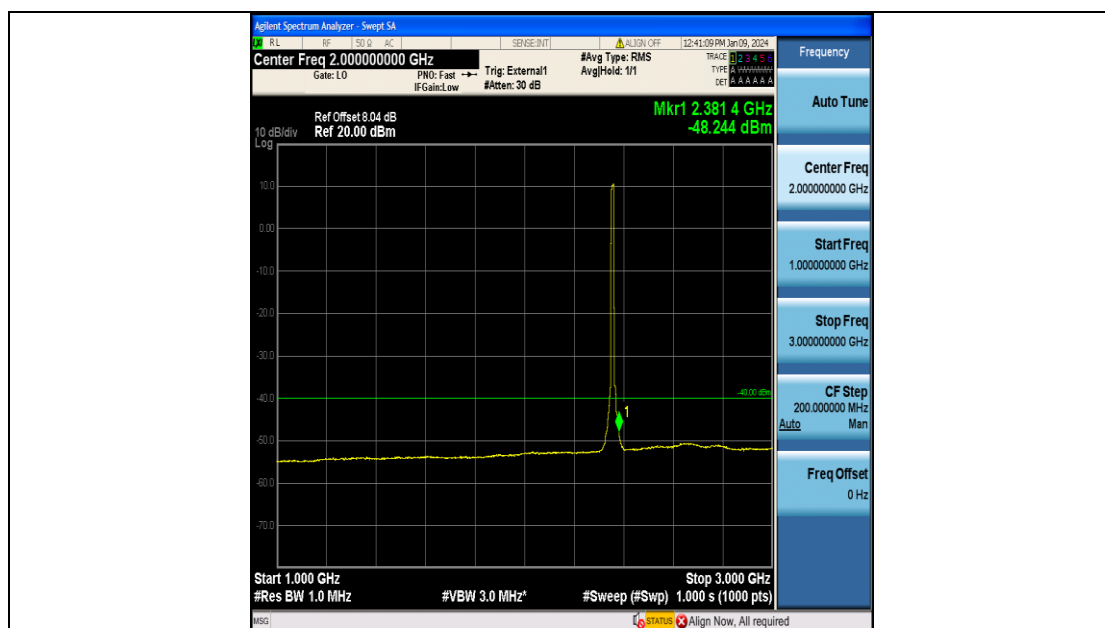
Band40_10MHz_16QAM_39200_50RB#0_0.009~0.15_0.009~0.15



Band40_10MHz_16QAM_39200_50RB#0_0.15~30_0.15~30



Band40_10MHz_16QAM_39200_50RB#0_30~1000_30~1000



Band40_10MHz_16QAM_39200_50RB#0_1000~3000_1000~3000



Band40_10MHz_16QAM_39200_50RB#0_3000~26500_3000~26500

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
40(2350-2360)	5MHz	QPSK	39175	25RB#0	VN	NT	14.35	0.006100	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	VL	NT	16.57	0.007044	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	VH	NT	25.63	0.010895	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	VN	NT	-20.43	-0.008684	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	VL	NT	-12.79	-0.005437	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	VH	NT	-10.43	-0.004434	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VN	NT	-40.97	-0.017397	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VL	NT	13.07	0.005550	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VH	NT	7.54	0.003202	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VN	NT	25.16	0.010684	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VL	NT	31.11	0.013210	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VH	NT	40.71	0.017287	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	VN	NT	-10.94	-0.004641	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	VL	NT	-21.10	-0.008950	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	VH	NT	-14.38	-0.006100	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	VN	NT	37.55	0.015928	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	VL	NT	51.00	0.021633	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	VH	NT	-15.08	-0.006397	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	VN	NT	7.72	0.003278	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	VL	NT	20.31	0.008624	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	VH	NT	27.51	0.011682	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	VN	NT	35.22	0.014955	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	VL	NT	-19.04	-0.008085	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	VH	NT	31.26	0.013274	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-30	31.16	0.013245	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-20	43.44	0.018465	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	-10	50.21	0.021343	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	0	49.04	0.020846	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	10	47.49	0.020187	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	20	18.04	0.007668	±2.5	PASS

40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	30	-14.25	-0.006057	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	40	-38.25	-0.016259	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	NV	50	-12.69	-0.005394	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	-30	-10.07	-0.004281	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	-20	-4.91	-0.002087	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	-10	-3.35	-0.001424	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	0	11.64	0.004948	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	10	22.82	0.009700	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	20	22.99	0.009773	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	30	4.09	0.001739	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	40	9.50	0.004038	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	50	14.93	0.006346	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-30	-22.72	-0.009648	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-20	-4.82	-0.002047	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-10	-12.52	-0.005316	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	0	5.72	0.002429	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	10	6.88	0.002921	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	20	4.94	0.002098	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	30	7.02	0.002981	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	40	16.21	0.006883	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	50	17.60	0.007473	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-30	48.72	0.020688	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-20	5.34	0.002268	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-10	14.06	0.005970	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	0	21.41	0.009091	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	10	24.33	0.010331	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	20	31.90	0.013546	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	30	39.28	0.016679	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	40	-25.28	-0.010735	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	50	-7.88	-0.003346	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-30	4.66	0.001977	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-20	8.85	0.003754	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-10	12.87	0.005459	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	0	12.36	0.005243	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	10	20.01	0.008488	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	20	22.44	0.009519	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	30	28.68	0.012165	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	40	34.65	0.014698	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	50	34.82	0.014770	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-30	-49.68	-0.021073	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-20	-72.44	-0.030727	±2.5	PASS

40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-10	-20.69	-0.008776	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	0	-18.77	-0.007962	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	10	-15.91	-0.006749	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	20	6.01	0.002549	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	30	11.20	0.004751	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	40	16.65	0.007063	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	50	-6.94	-0.002944	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-30	41.91	0.017796	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-20	49.00	0.020807	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-10	-4.36	-0.001851	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	0	-7.70	-0.003270	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	10	13.32	0.005656	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	20	8.41	0.003571	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	30	11.10	0.004713	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	40	24.42	0.010369	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	50	25.33	0.010756	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-30	43.30	0.018386	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-20	48.44	0.020569	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-10	-14.49	-0.006153	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	0	-7.98	-0.003389	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	10	11.20	0.004756	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	20	16.51	0.007011	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	30	24.99	0.010611	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	40	37.12	0.015762	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	50	44.53	0.018909	±2.5	PASS