

FCC LTE Band Test Data

FCC ID : 2A8ZB-G232

Company: : Shenzhen Weiwo Intelligent Electronics Co., Ltd

EUT : 4G smartwatch

Model Number : G232

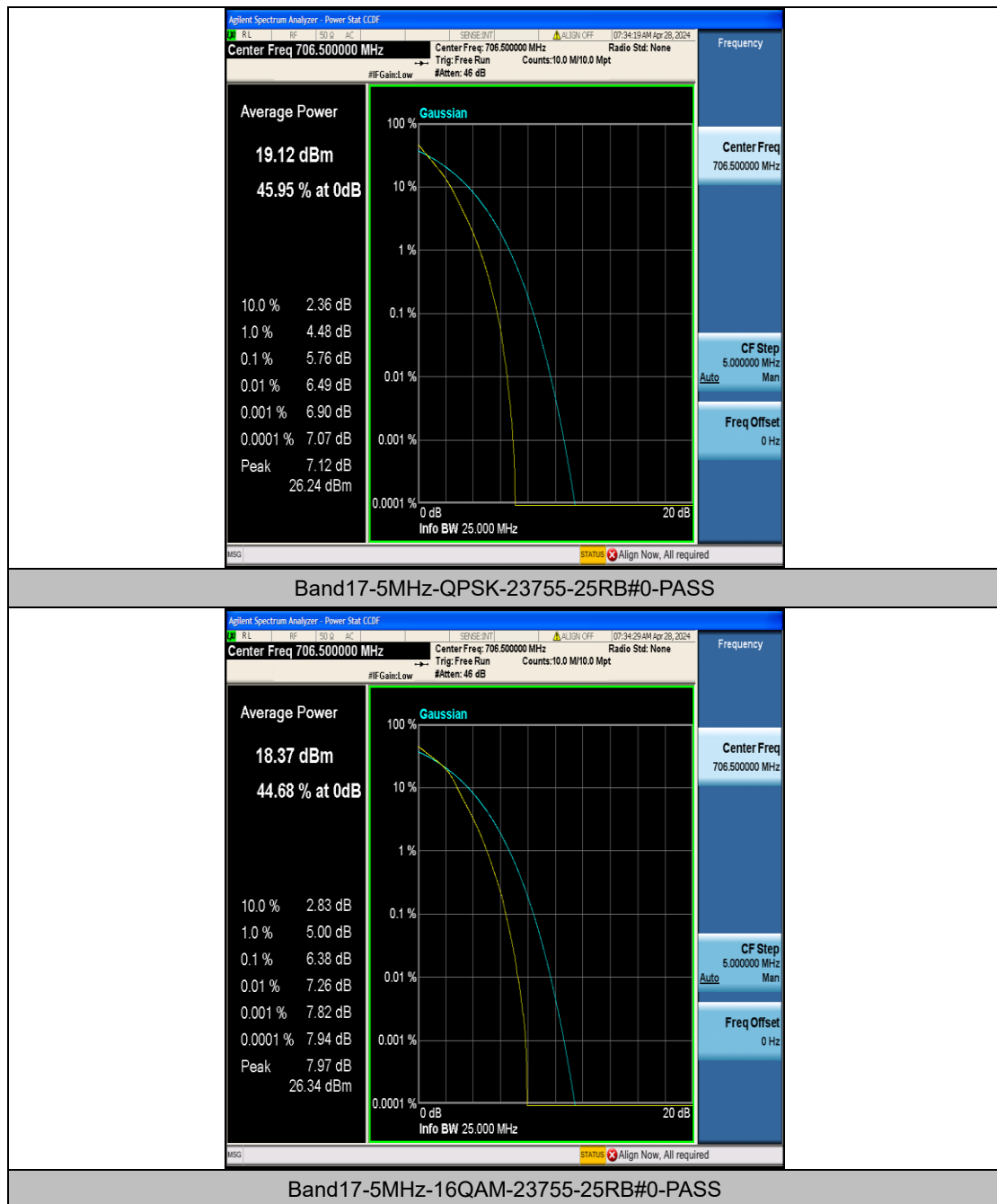
Reviewed By : Eric Wang

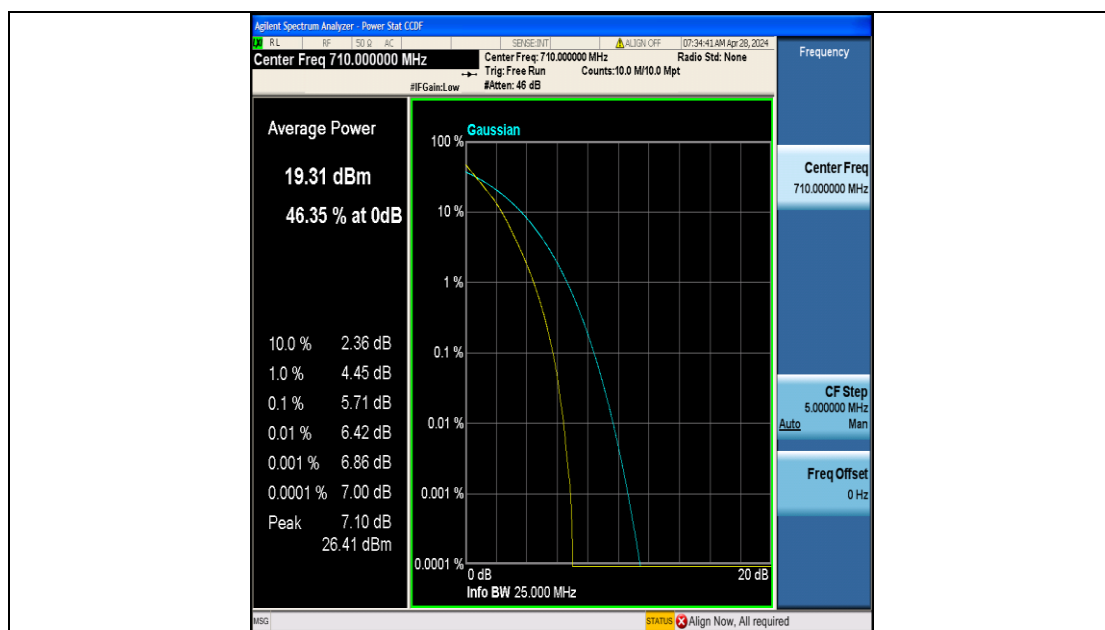
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

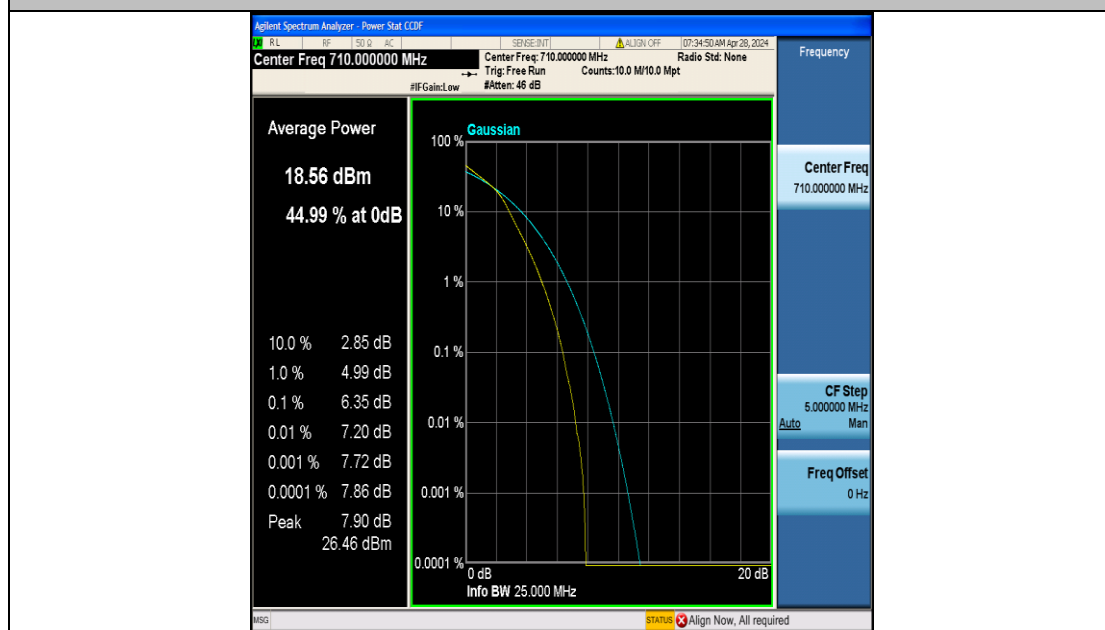
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	5.76	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.38	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.71	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.35	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.44	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.14	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.86	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.47	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.73	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.43	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.65	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.33	13	PASS

Test Graphs

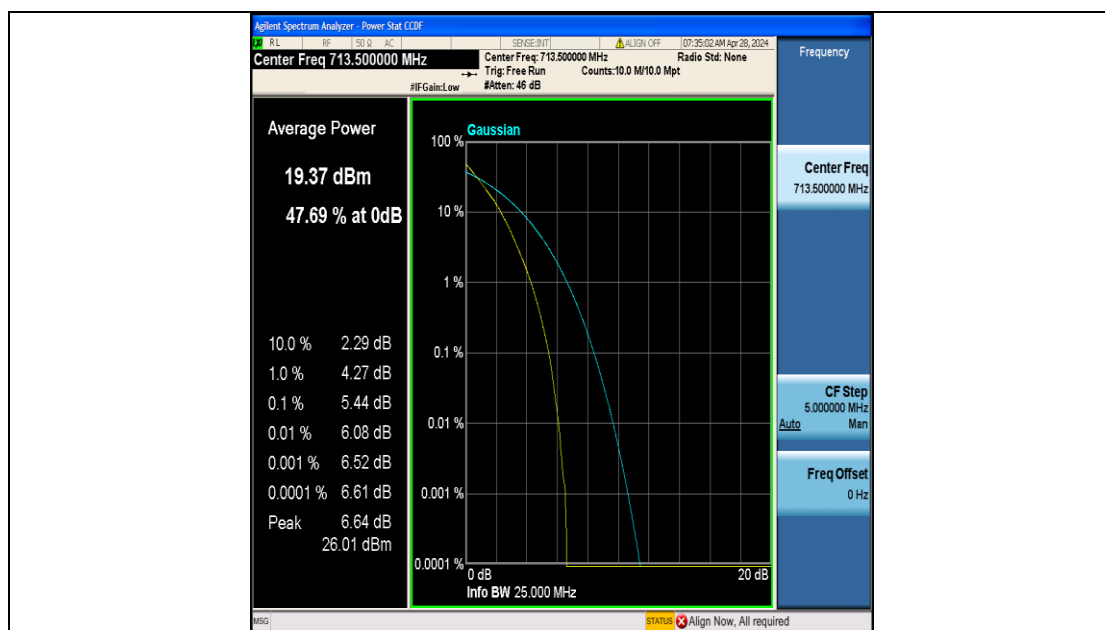




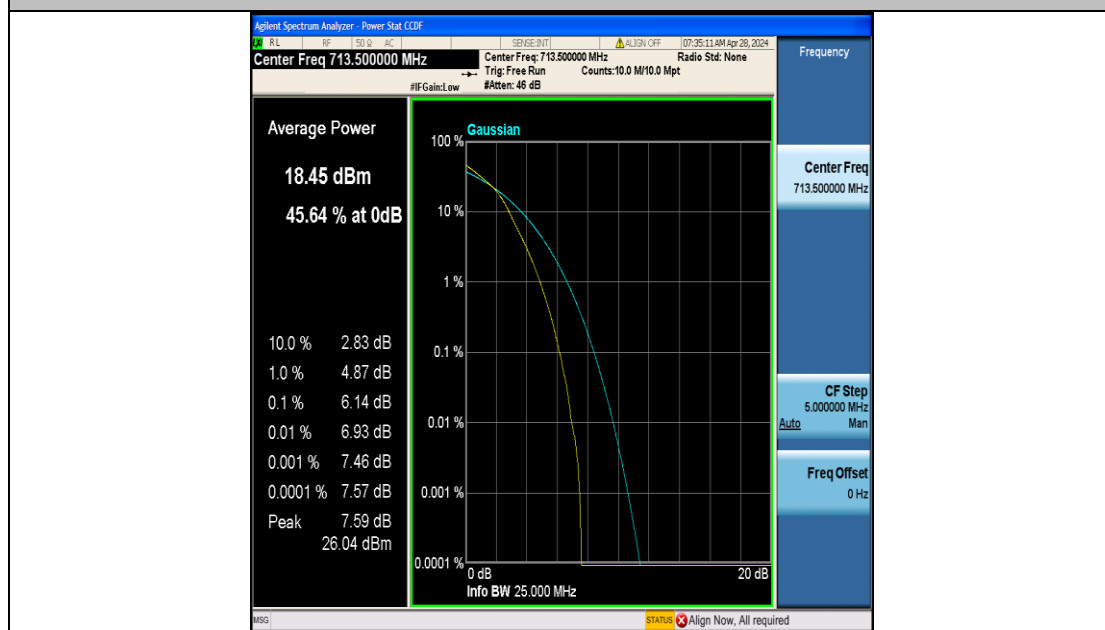
Band17-5MHz-QPSK-23790-25RB#0-PASS



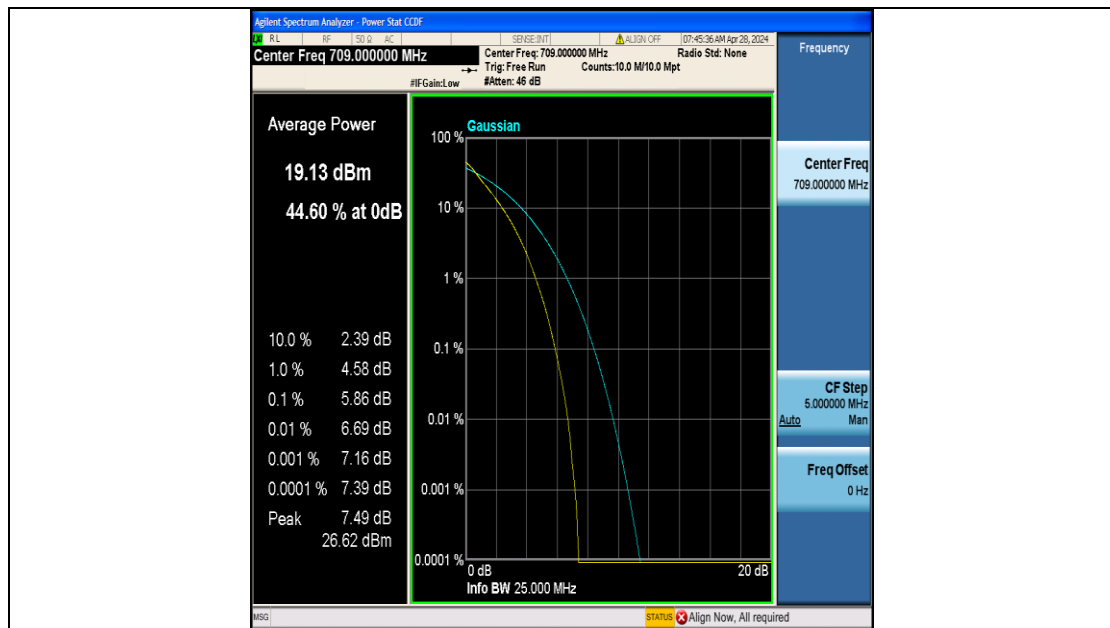
Band17-5MHz-16QAM-23790-25RB#0-PASS



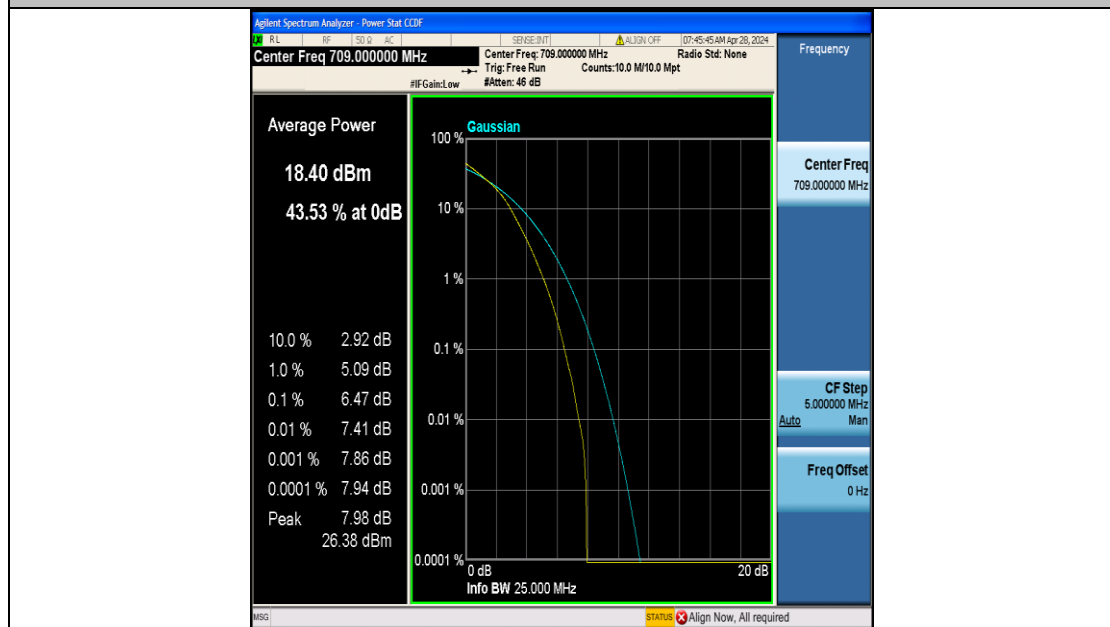
Band17-5MHz-QPSK-23825-25RB#0-PASS



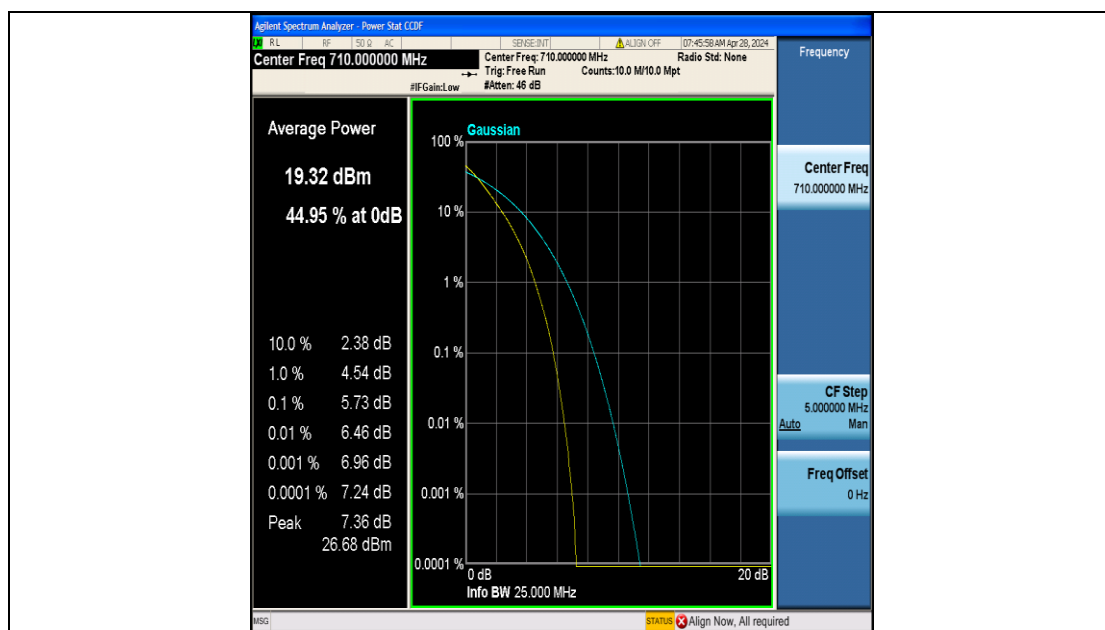
Band17-5MHz-16QAM-23825-25RB#0-PASS



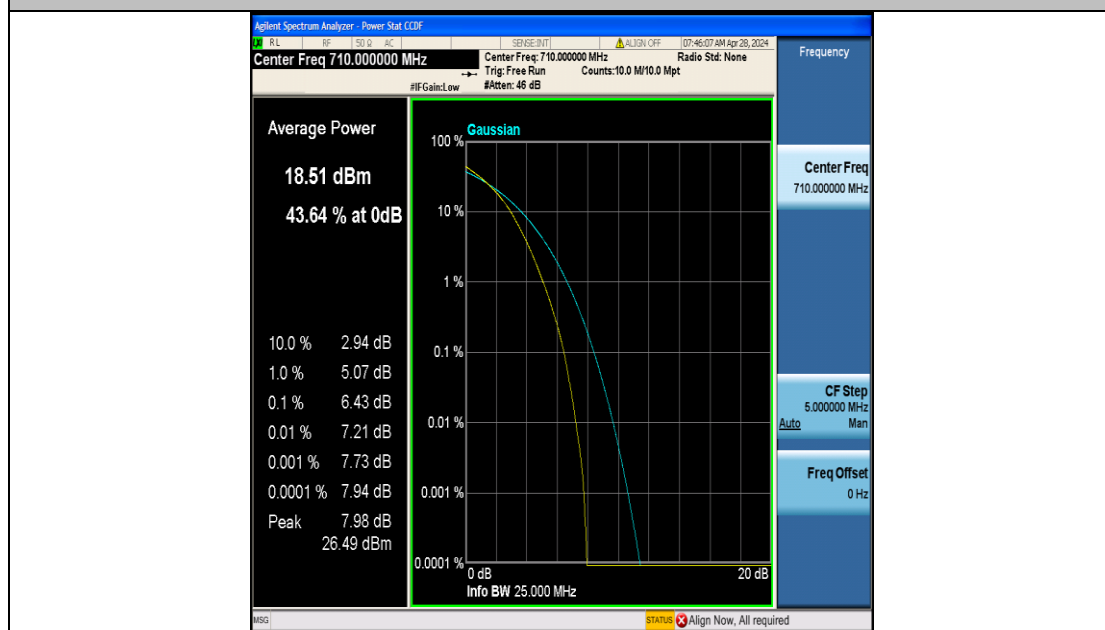
Band17-10MHz-QPSK-23780-50RB#0-PASS



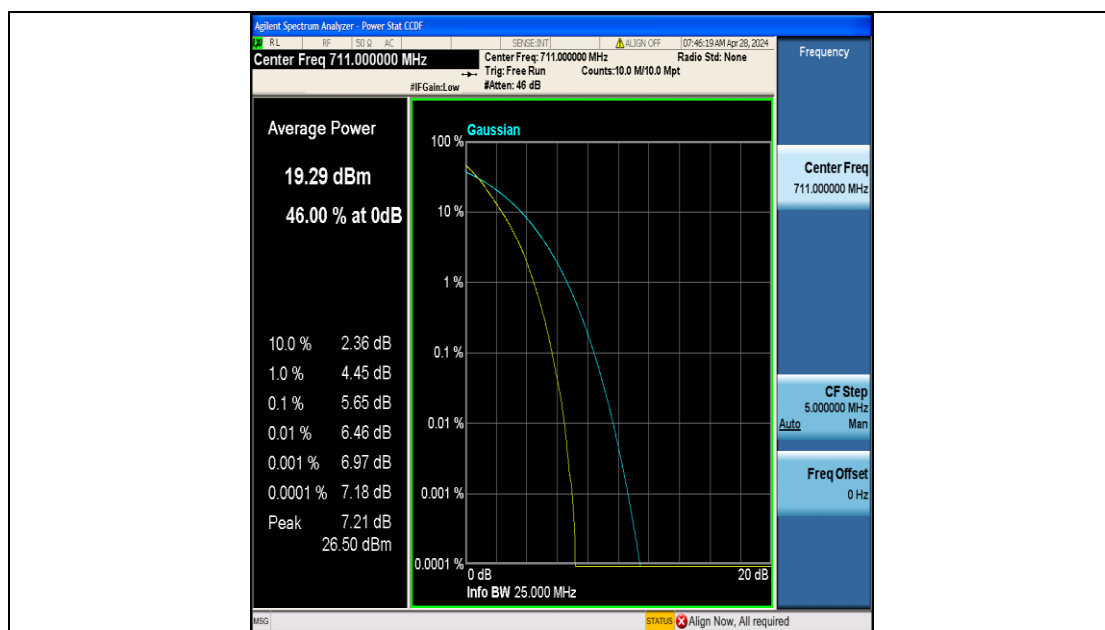
Band17-10MHz-16QAM-23780-50RB#0-PASS



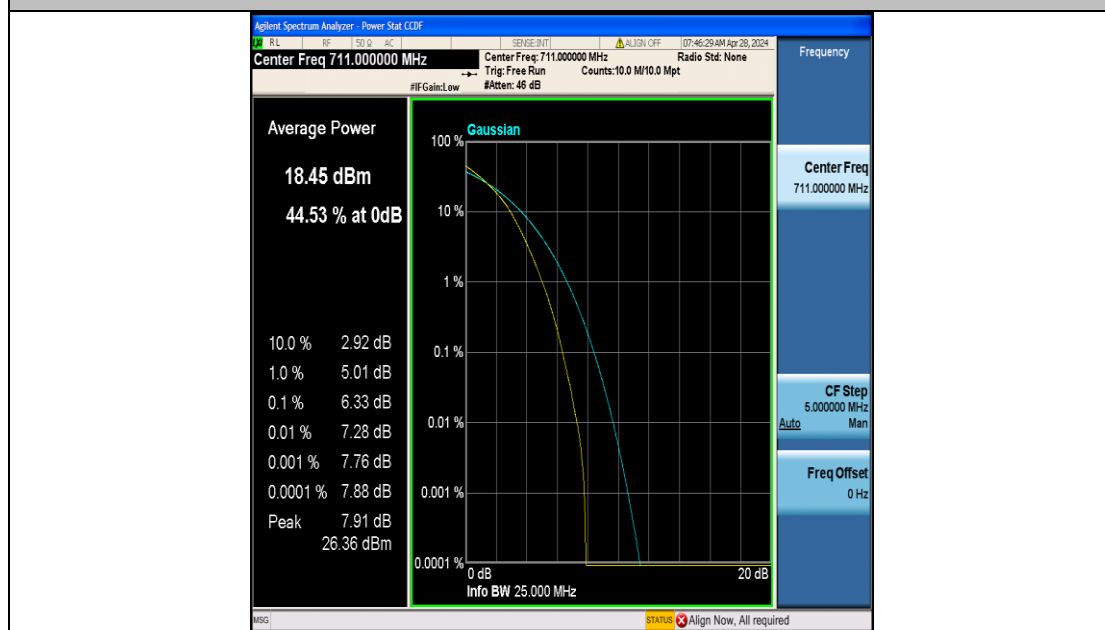
Band17-10MHz-QPSK-23790-50RB#0-PASS



Band17-10MHz-16QAM-23790-50RB#0-PASS



Band17-10MHz-QPSK-23800-50RB#0-PASS



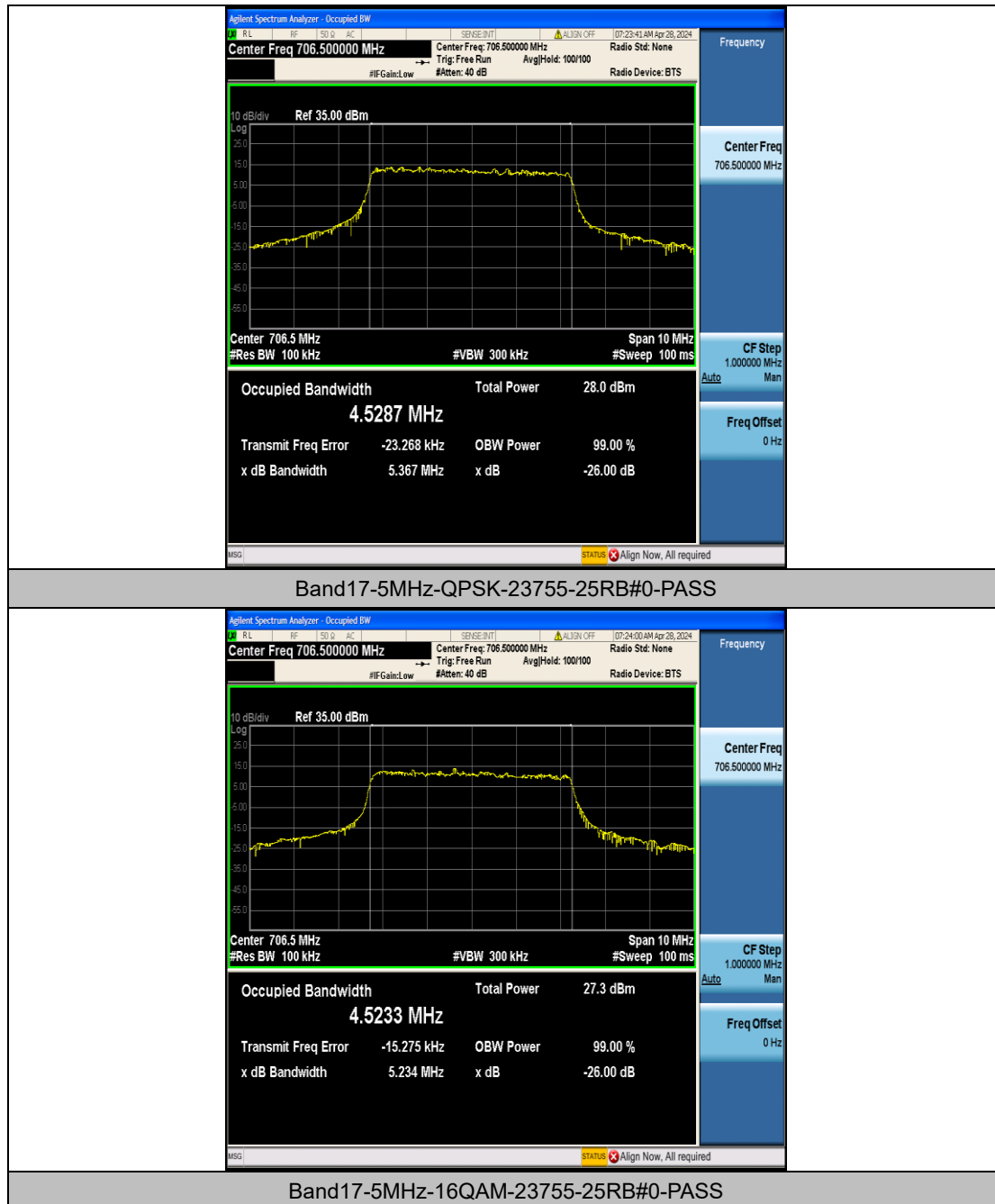
Band17-10MHz-16QAM-23800-50RB#0-PASS

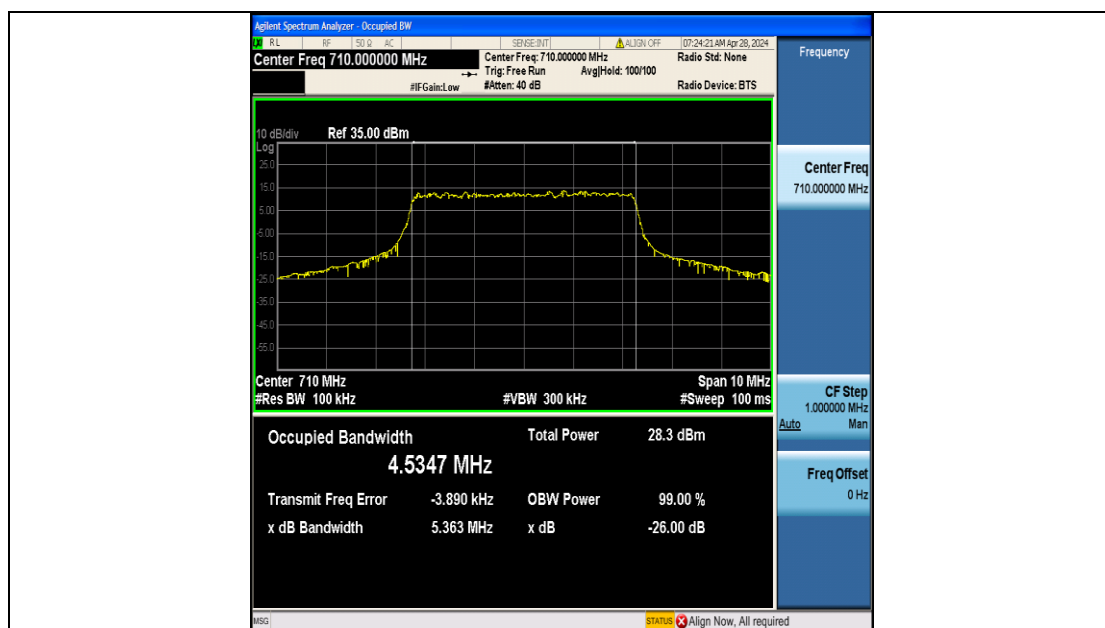
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

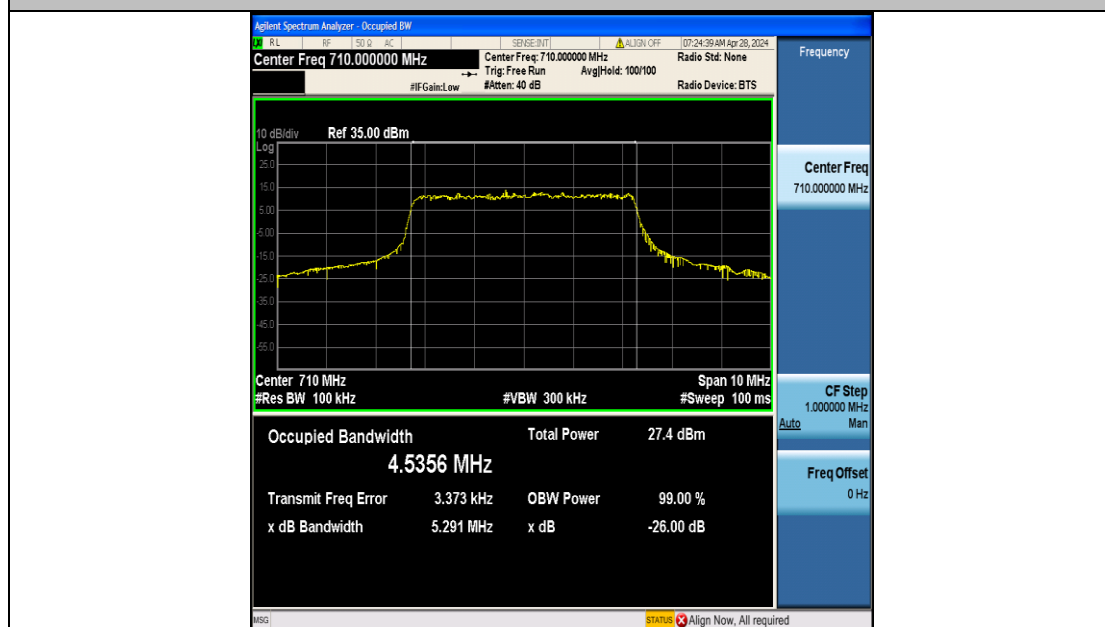
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5287	5.367	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5233	5.234	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5347	5.363	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5356	5.291	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5108	5.235	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5064	5.212	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0337	10.06	PASS
Band17	10MHz	16QAM	23780	50RB#0	9.0341	10.16	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0324	10.19	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0392	10.58	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9866	10.00	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9786	10.06	PASS

Test Graphs

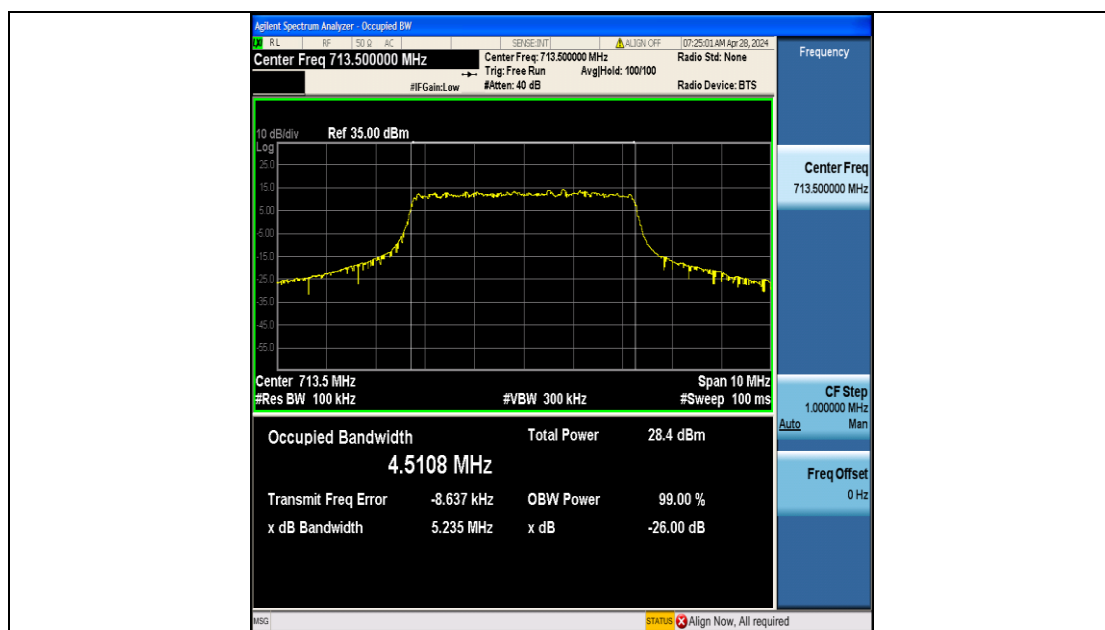




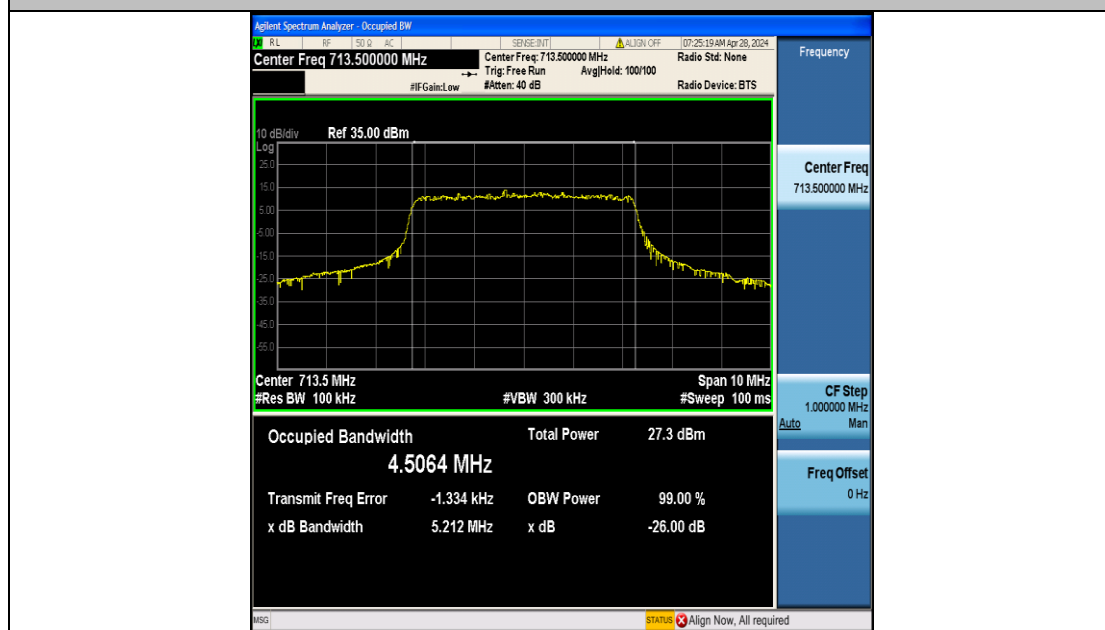
Band17-5MHz-QPSK-23790-25RB#0-PASS



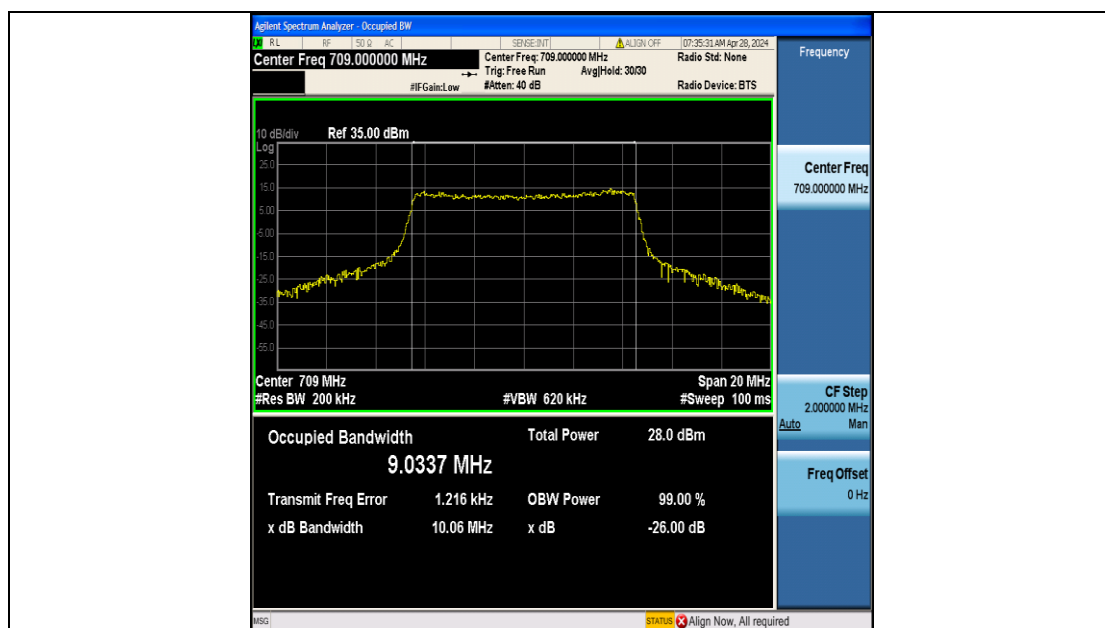
Band17-5MHz-16QAM-23790-25RB#0-PASS



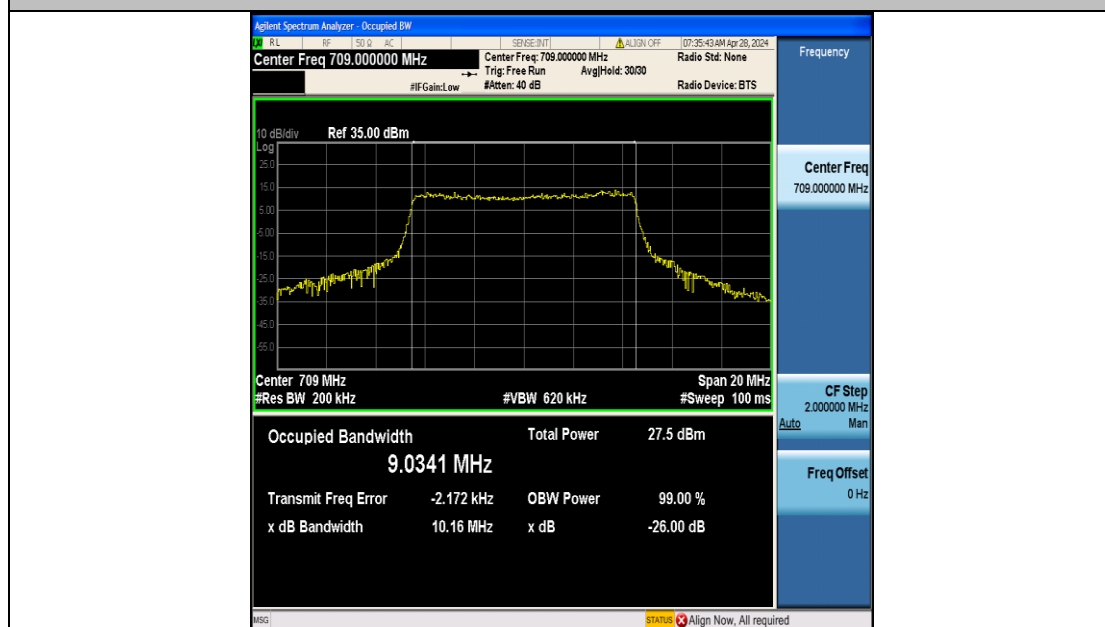
Band17-5MHz-QPSK-23825-25RB#0-PASS



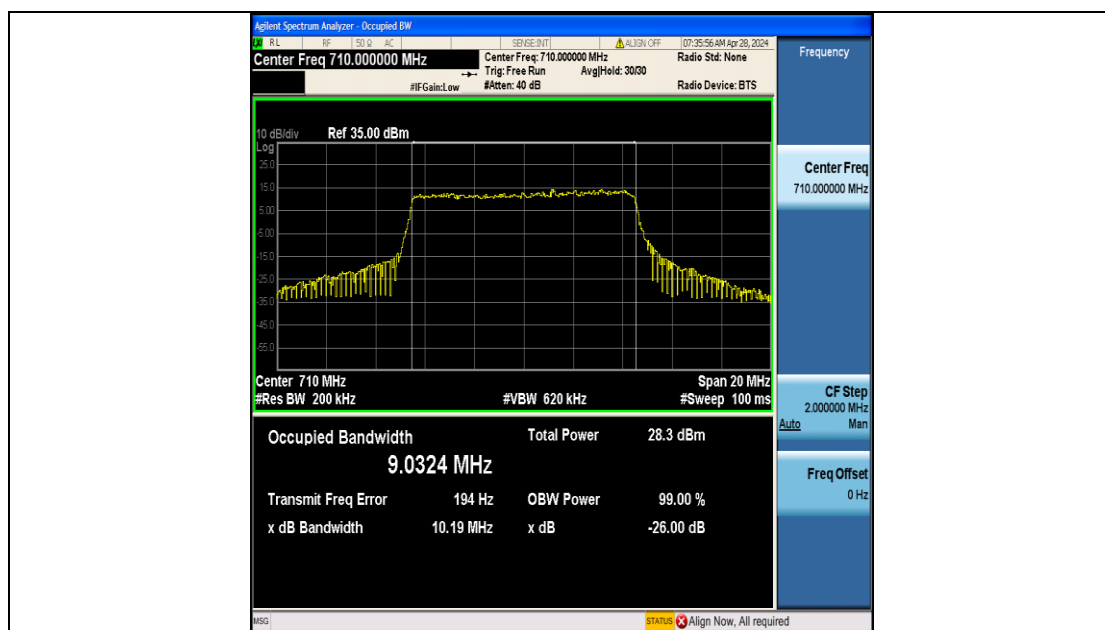
Band17-5MHz-16QAM-23825-25RB#0-PASS



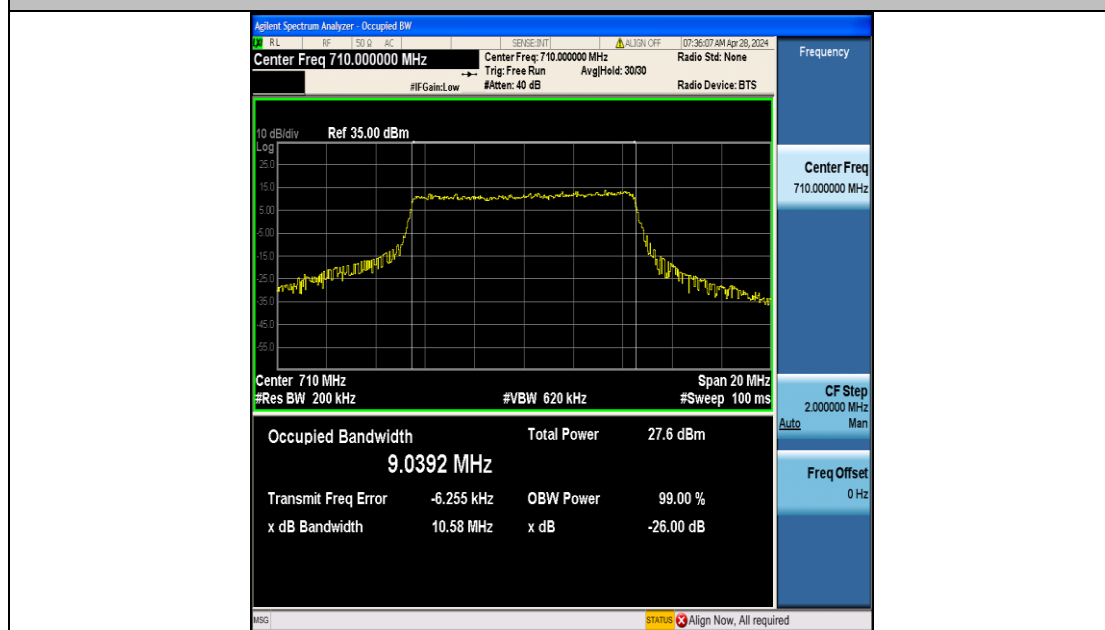
Band17-10MHz-QPSK-23780-50RB#0-PASS



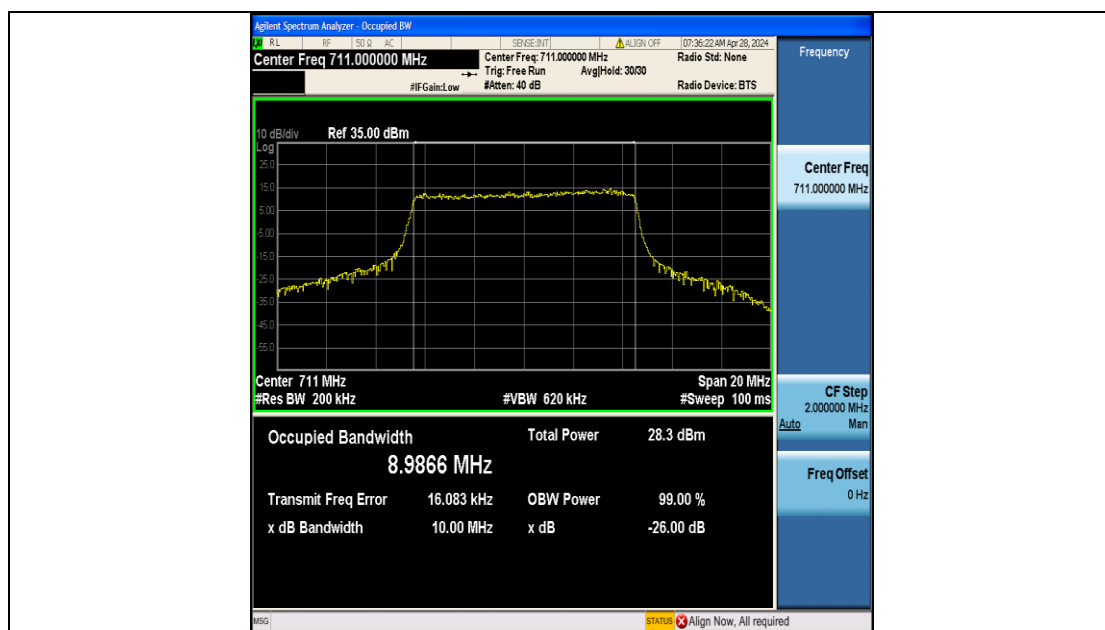
Band17-10MHz-16QAM-23780-50RB#0-PASS



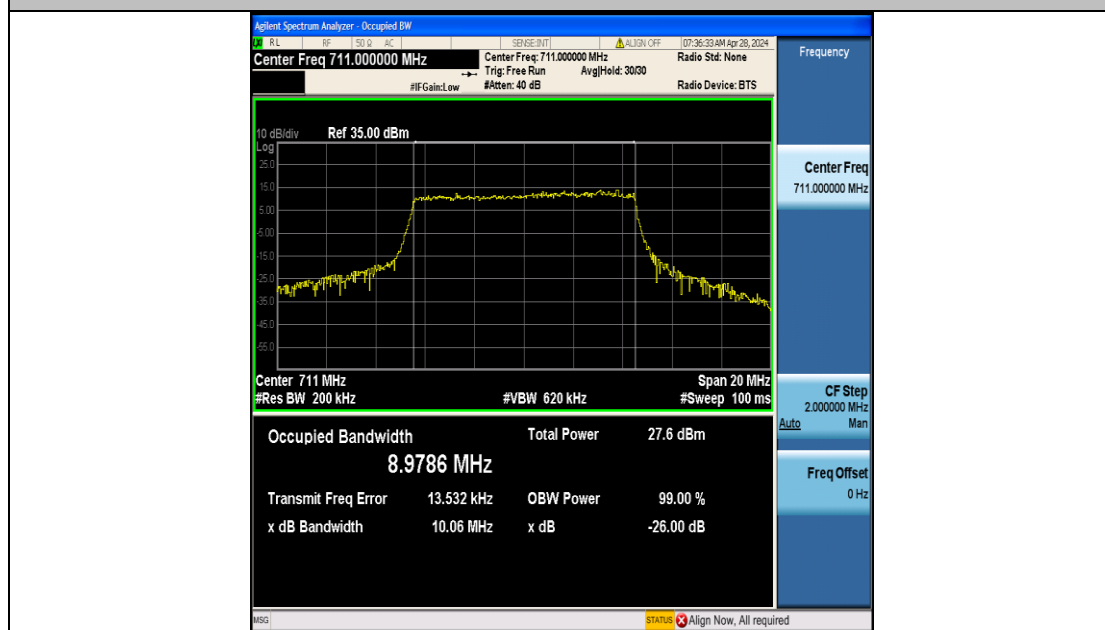
Band17-10MHz-QPSK-23790-50RB#0-PASS



Band17-10MHz-16QAM-23790-50RB#0-PASS



Band17-10MHz-QPSK-23800-50RB#0-PASS



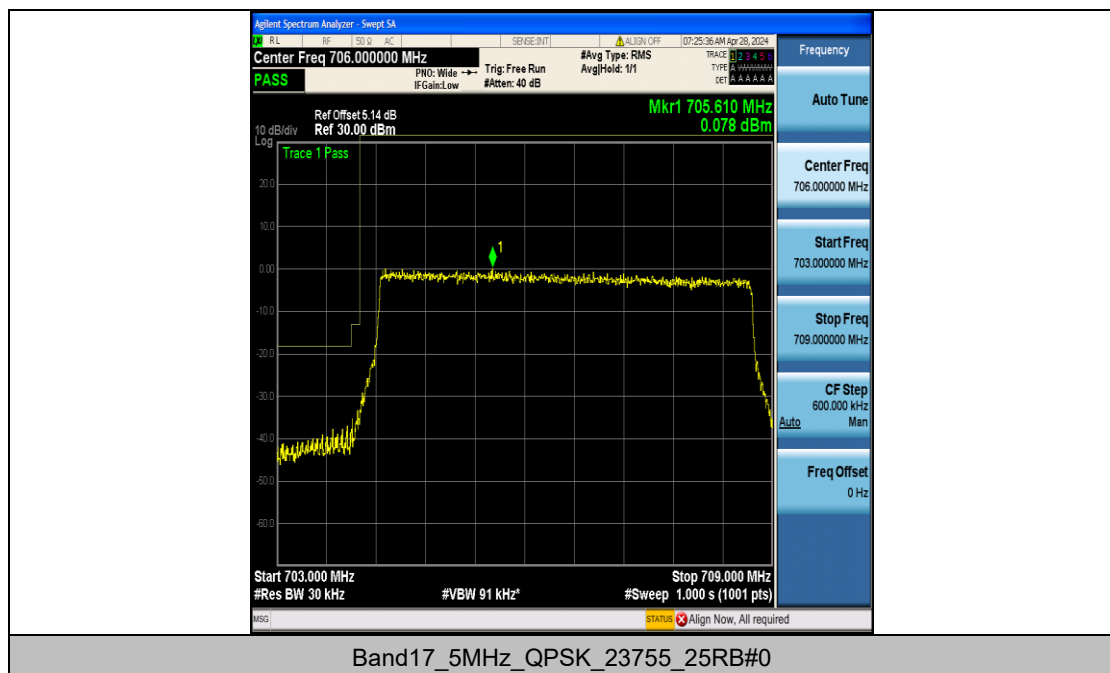
Band17-10MHz-16QAM-23800-50RB#0-PASS

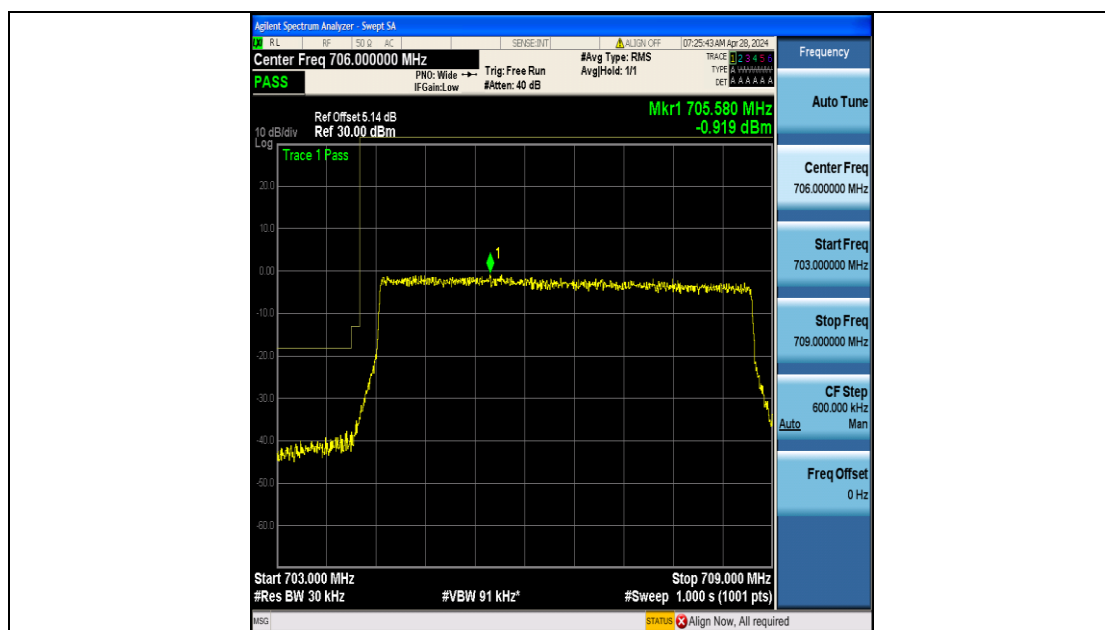
Appendix D: Band Edge

Test Result

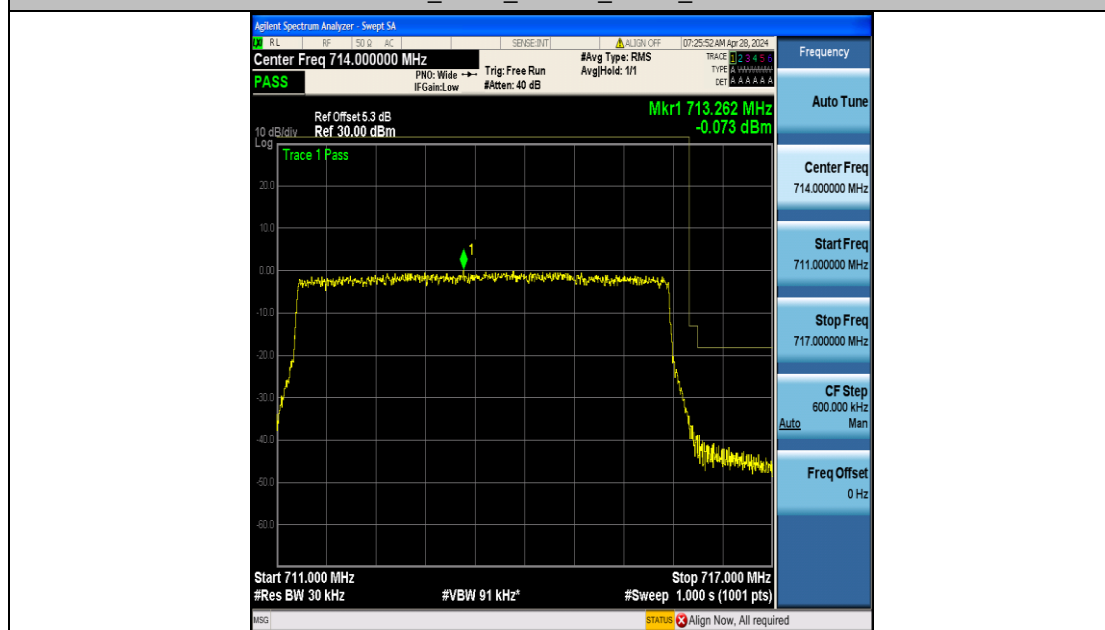
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-36.94	PASS
Band17	5MHz	16QAM	23755	25RB#0	-37.78	PASS
Band17	5MHz	QPSK	23825	25RB#0	-38.93	PASS
Band17	5MHz	16QAM	23825	25RB#0	-39.71	PASS
Band17	10MHz	QPSK	23780	50RB#0	-42.72	PASS
Band17	10MHz	16QAM	23780	50RB#0	-43.82	PASS
Band17	10MHz	QPSK	23800	50RB#0	-46.03	PASS
Band17	10MHz	16QAM	23800	50RB#0	-44.79	PASS

Test Graphs

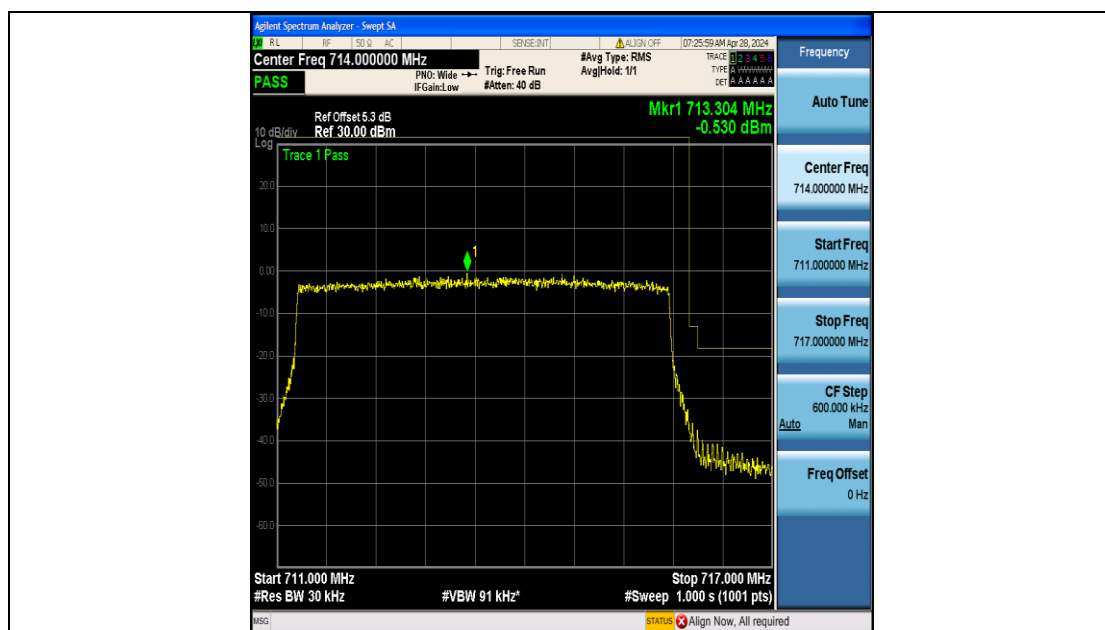




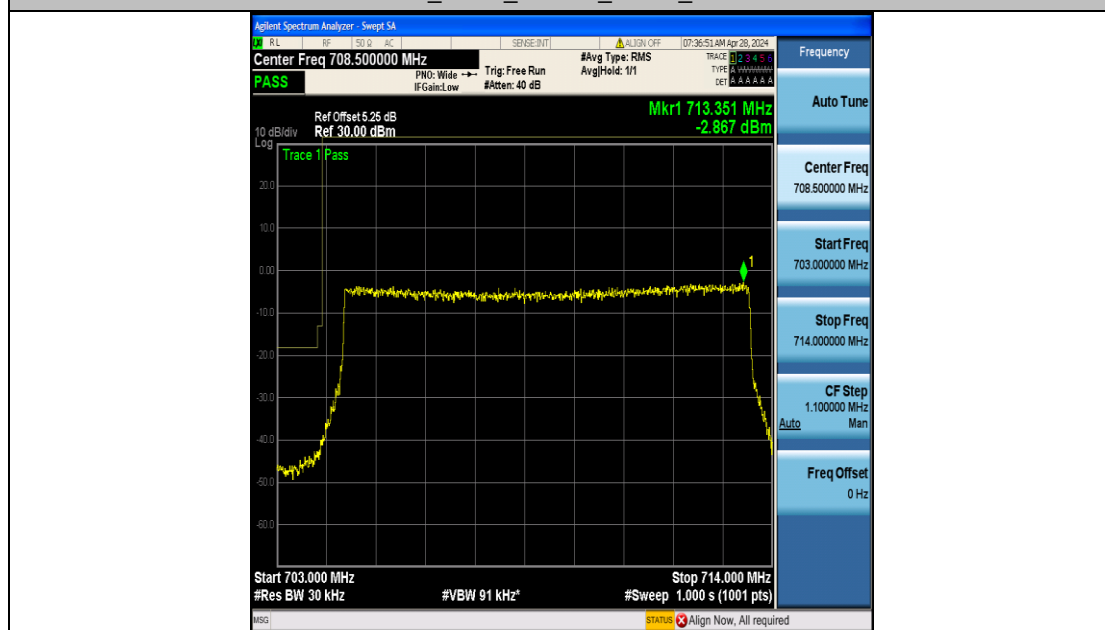
Band17_5MHz_16QAM_23755_25RB#0



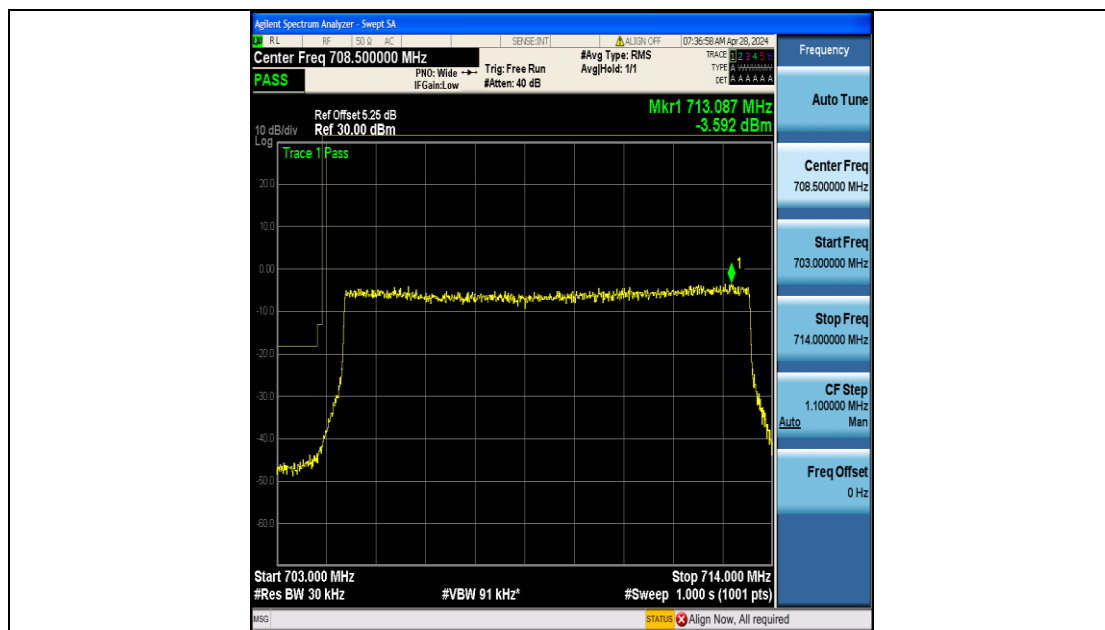
Band17_5MHz_QPSK_23825_25RB#0



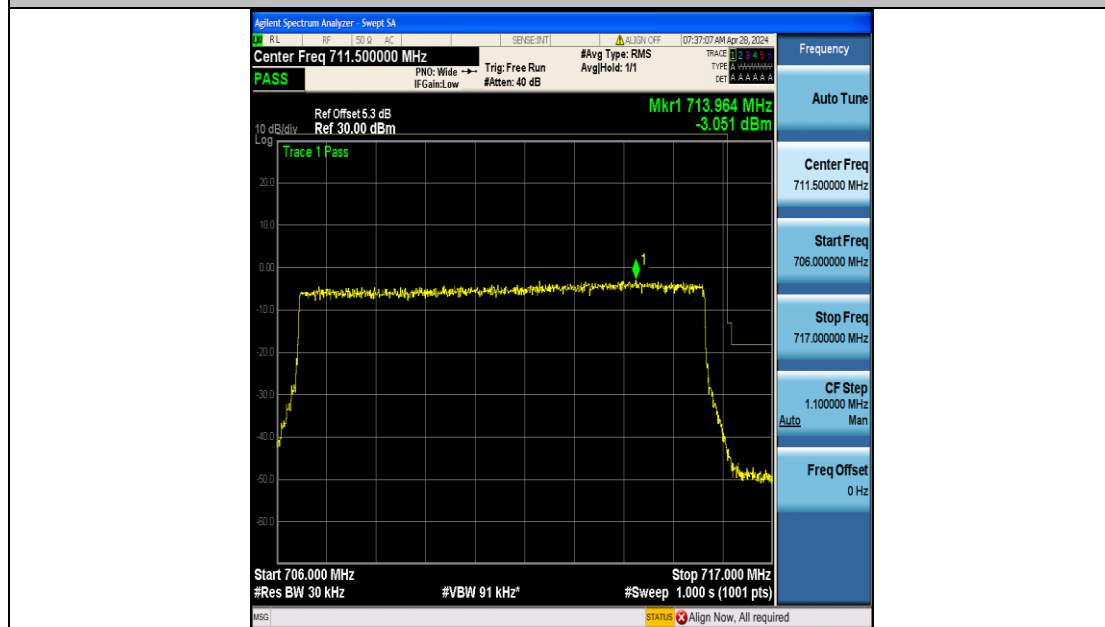
Band17_5MHz_16QAM_23825_25RB#0



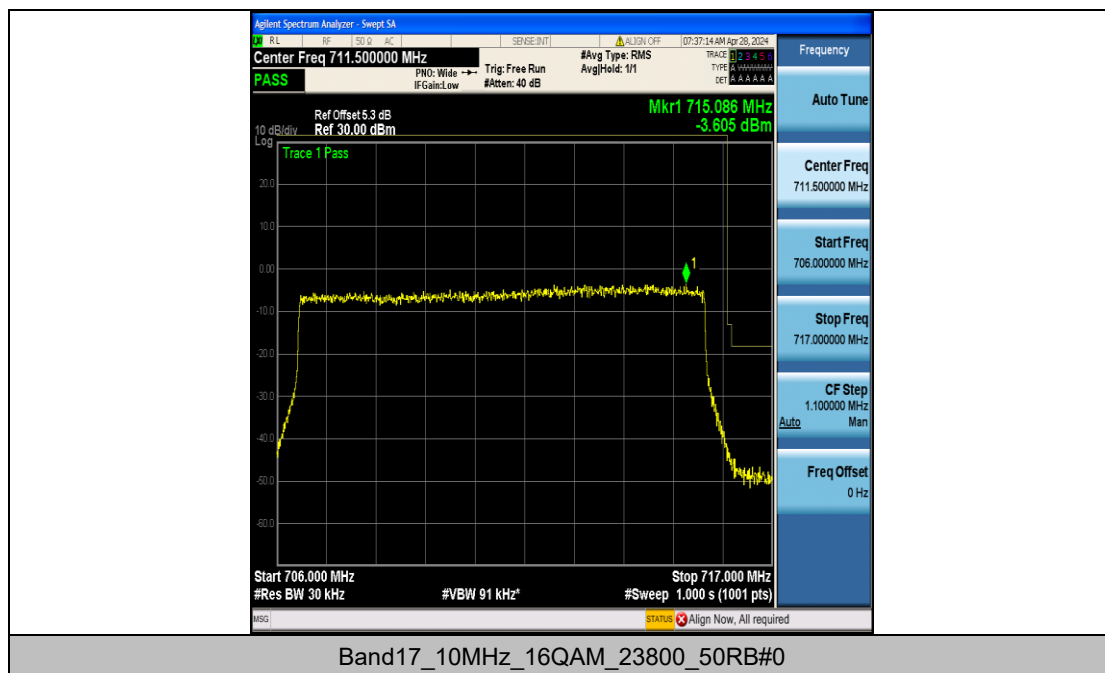
Band17_10MHz_QPSK_23780_50RB#0



Band17_10MHz_16QAM_23780_50RB#0



Band17_10MHz_QPSK_23800_50RB#0



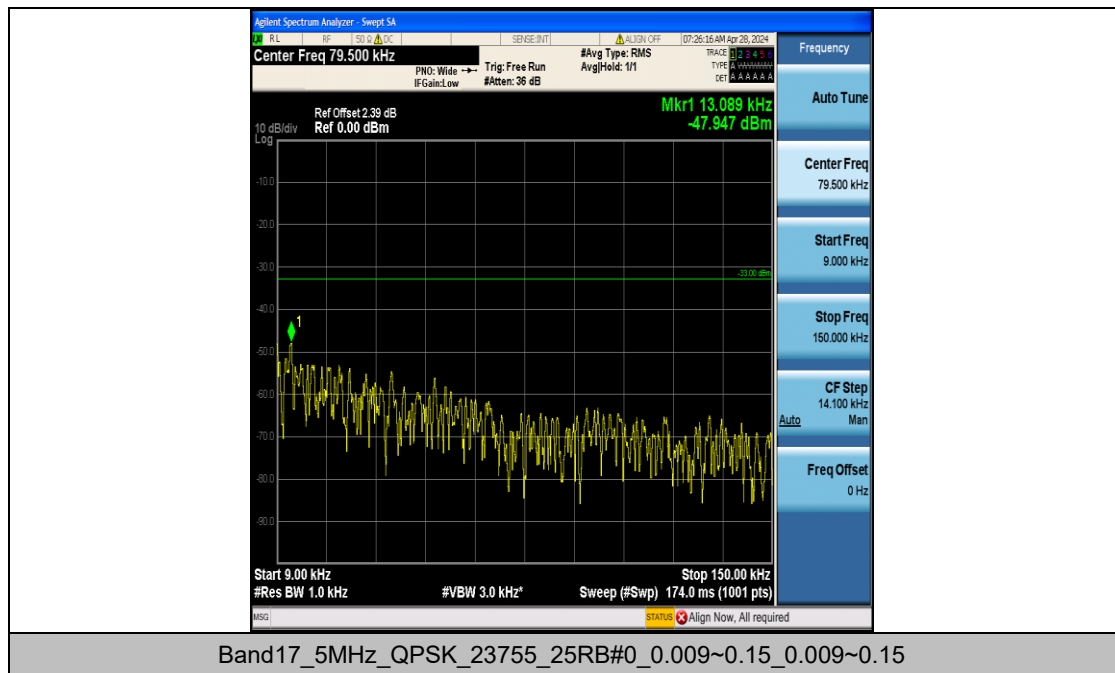
Appendix E: Conducted Spurious Emission

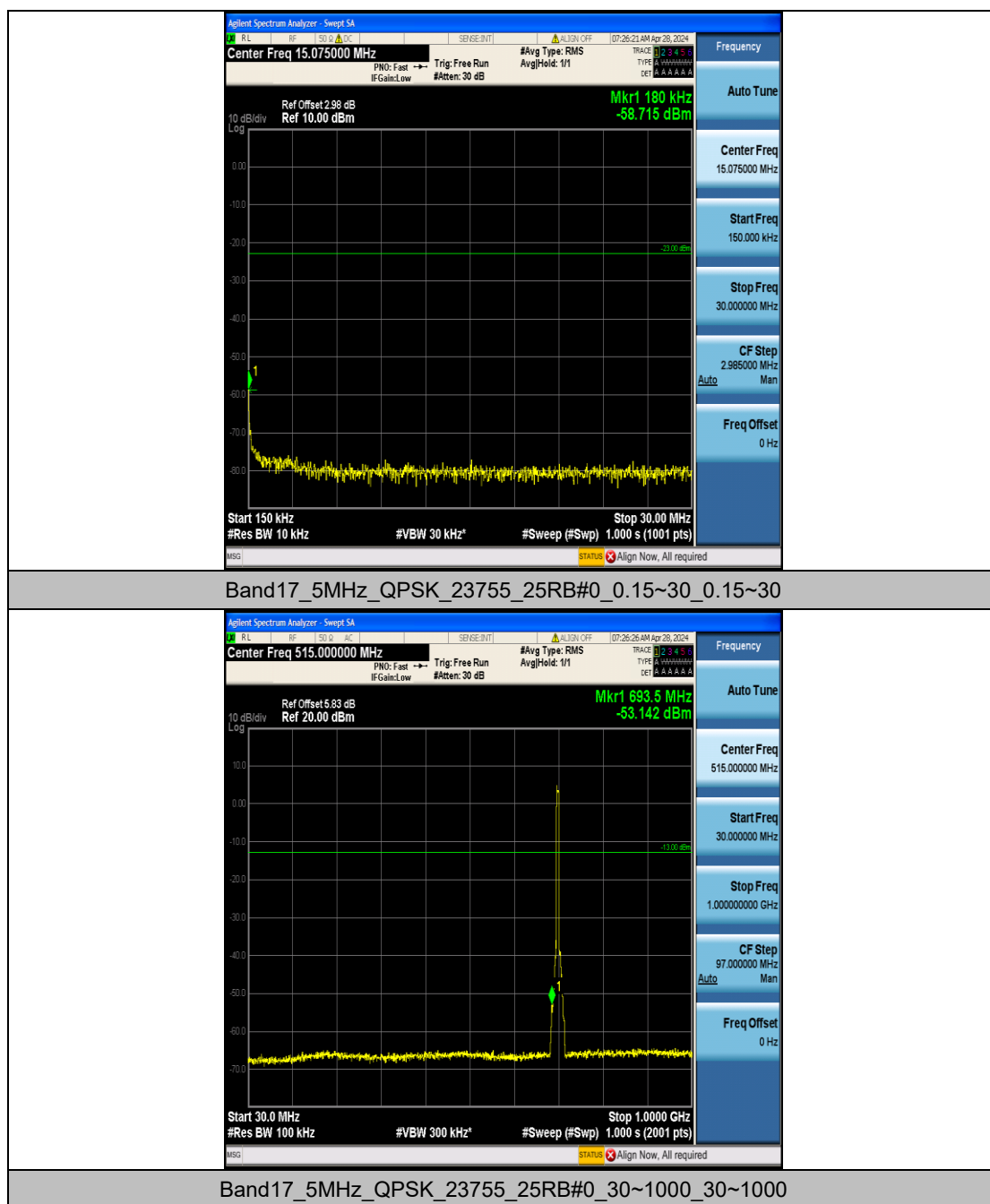
Test Result

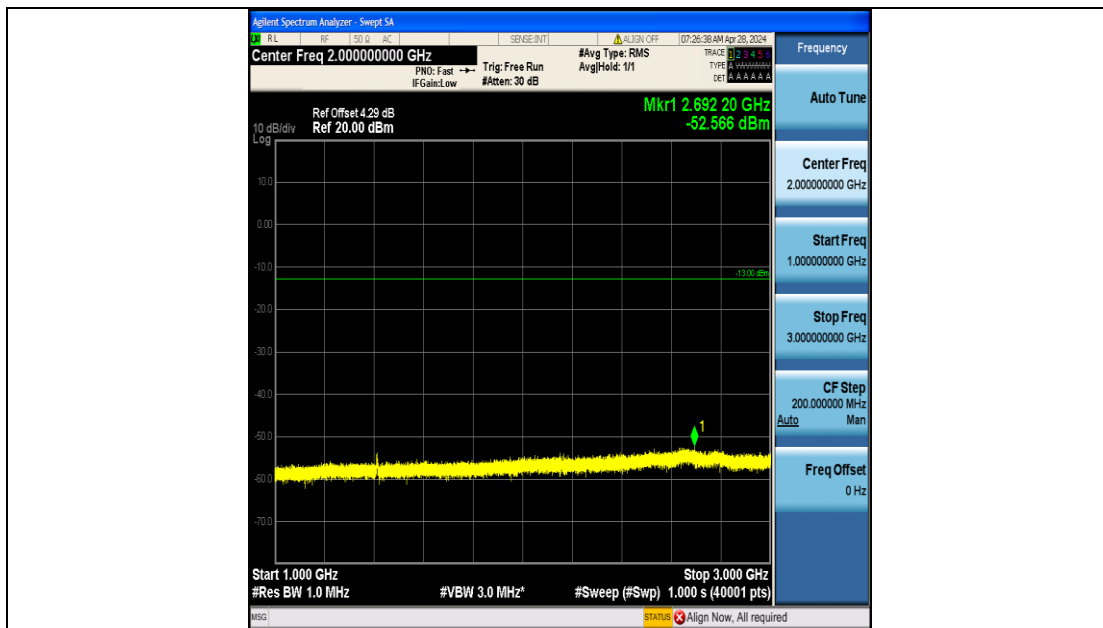
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	0.009~0.15	-47.95	PASS
Band17	5MHz	QPSK	23755	25RB#0	0.15~30	-58.72	PASS
Band17	5MHz	QPSK	23755	25RB#0	30~1000	-53.14	PASS
Band17	5MHz	QPSK	23755	25RB#0	1000~3000	-52.57	PASS
Band17	5MHz	QPSK	23755	25RB#0	3000~10000	-50.00	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.009~0.15	-45.97	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.15~30	-56.92	PASS
Band17	5MHz	16QAM	23755	25RB#0	30~1000	-54.01	PASS
Band17	5MHz	16QAM	23755	25RB#0	1000~3000	-52.14	PASS
Band17	5MHz	16QAM	23755	25RB#0	3000~10000	-49.95	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.009~0.15	-50.07	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.15~30	-56.55	PASS
Band17	5MHz	QPSK	23790	25RB#0	30~1000	-54.89	PASS
Band17	5MHz	QPSK	23790	25RB#0	1000~3000	-52.64	PASS
Band17	5MHz	QPSK	23790	25RB#0	3000~10000	-49.79	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.009~0.15	-46.98	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.15~30	-58.09	PASS
Band17	5MHz	16QAM	23790	25RB#0	30~1000	-55.25	PASS
Band17	5MHz	16QAM	23790	25RB#0	1000~3000	-52.31	PASS
Band17	5MHz	16QAM	23790	25RB#0	3000~10000	-50.04	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.009~0.15	-46.19	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.15~30	-58.12	PASS
Band17	5MHz	QPSK	23825	25RB#0	30~1000	-52.16	PASS
Band17	5MHz	QPSK	23825	25RB#0	1000~3000	-51.73	PASS
Band17	5MHz	QPSK	23825	25RB#0	3000~10000	-49.60	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.009~0.15	-45.72	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.15~30	-58.53	PASS
Band17	5MHz	16QAM	23825	25RB#0	30~1000	-54.26	PASS
Band17	5MHz	16QAM	23825	25RB#0	1000~3000	-52.40	PASS
Band17	5MHz	16QAM	23825	25RB#0	3000~10000	-49.86	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.009~0.15	-43.62	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.15~30	-57.15	PASS
Band17	10MHz	QPSK	23780	50RB#0	30~1000	-64.10	PASS
Band17	10MHz	QPSK	23780	50RB#0	1000~3000	-52.39	PASS
Band17	10MHz	QPSK	23780	50RB#0	3000~10000	-49.64	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.009~0.15	-45.66	PASS

Band17	10MHz	16QAM	23780	50RB#0	0.15~30	-58.05	PASS
Band17	10MHz	16QAM	23780	50RB#0	30~1000	-64.34	PASS
Band17	10MHz	16QAM	23780	50RB#0	1000~3000	-52.59	PASS
Band17	10MHz	16QAM	23780	50RB#0	3000~10000	-49.81	PASS
Band17	10MHz	QPSK	23790	50RB#0	0.009~0.15	-45.51	PASS
Band17	10MHz	QPSK	23790	50RB#0	0.15~30	-59.52	PASS
Band17	10MHz	QPSK	23790	50RB#0	30~1000	-64.38	PASS
Band17	10MHz	QPSK	23790	50RB#0	1000~3000	-52.53	PASS
Band17	10MHz	QPSK	23790	50RB#0	3000~10000	-49.34	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.009~0.15	-46.41	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.15~30	-59.49	PASS
Band17	10MHz	16QAM	23790	50RB#0	30~1000	-63.81	PASS
Band17	10MHz	16QAM	23790	50RB#0	1000~3000	-52.48	PASS
Band17	10MHz	16QAM	23790	50RB#0	3000~10000	-50.12	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.009~0.15	-43.16	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.15~30	-57.62	PASS
Band17	10MHz	QPSK	23800	50RB#0	30~1000	-64.40	PASS
Band17	10MHz	QPSK	23800	50RB#0	1000~3000	-52.39	PASS
Band17	10MHz	QPSK	23800	50RB#0	3000~10000	-50.02	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.009~0.15	-47.32	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.15~30	-58.30	PASS
Band17	10MHz	16QAM	23800	50RB#0	30~1000	-64.01	PASS
Band17	10MHz	16QAM	23800	50RB#0	1000~3000	-52.28	PASS
Band17	10MHz	16QAM	23800	50RB#0	3000~10000	-49.95	PASS

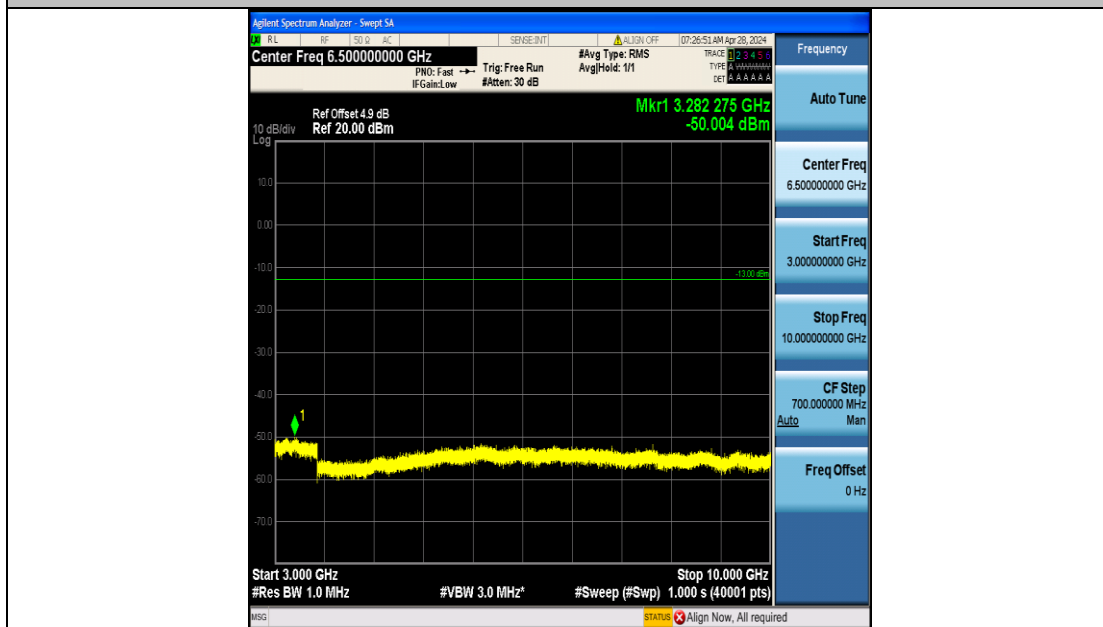
Test Graphs



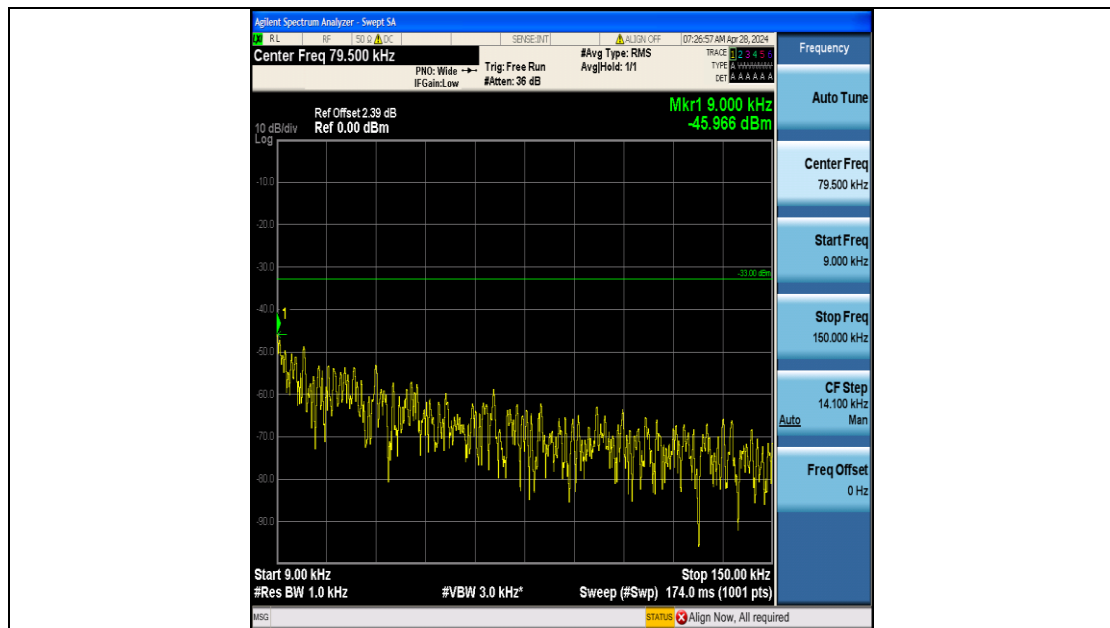




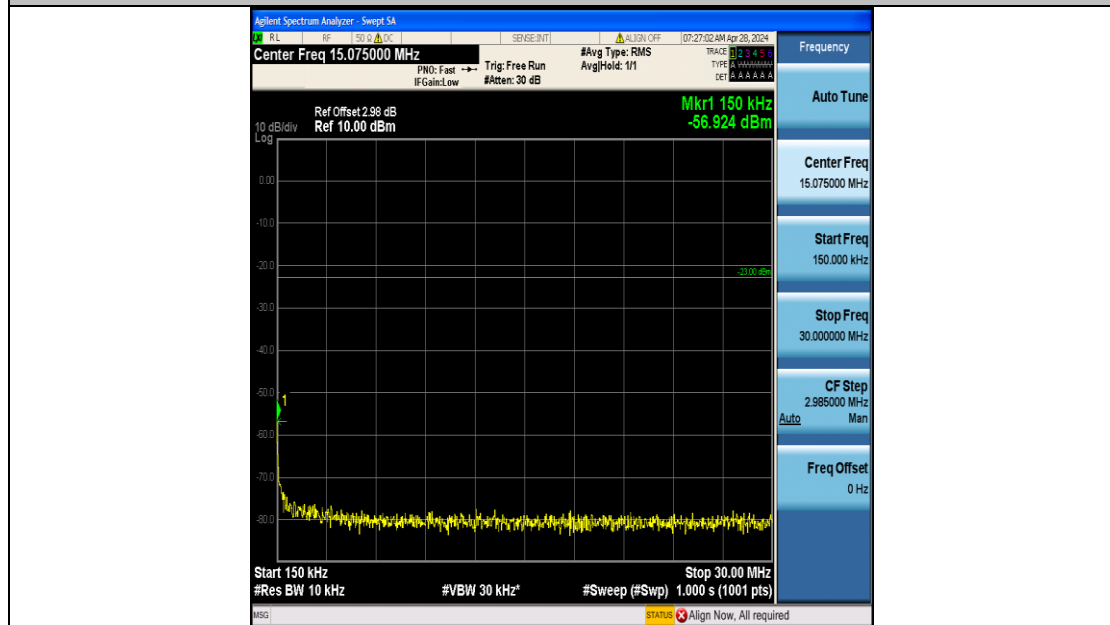
Band17_5MHz_QPSK_23755_25RB#0_1000~3000_1000~3000



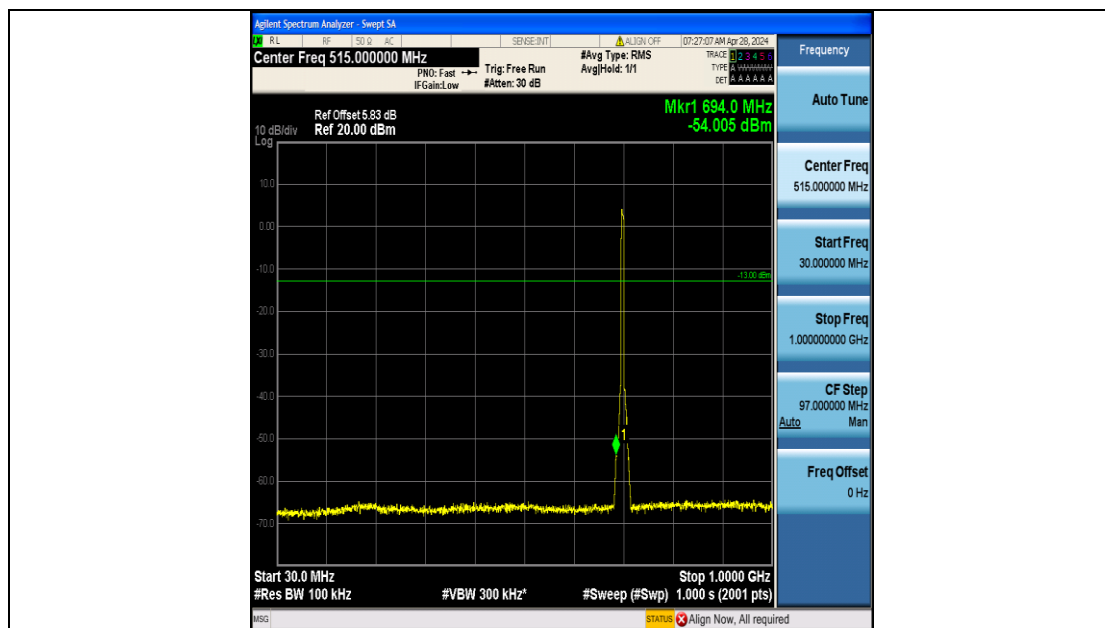
Band17_5MHz_QPSK_23755_25RB#0_3000~10000_3000~10000



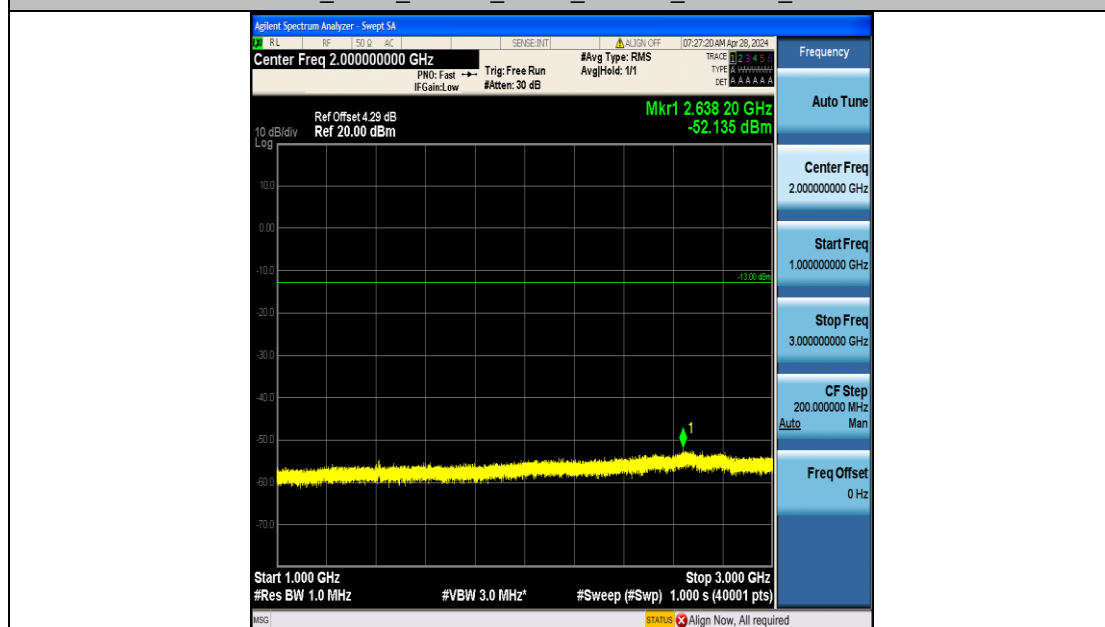
Band17_5MHz_16QAM_23755_25RB#0_0.009~0.15_0.009~0.15



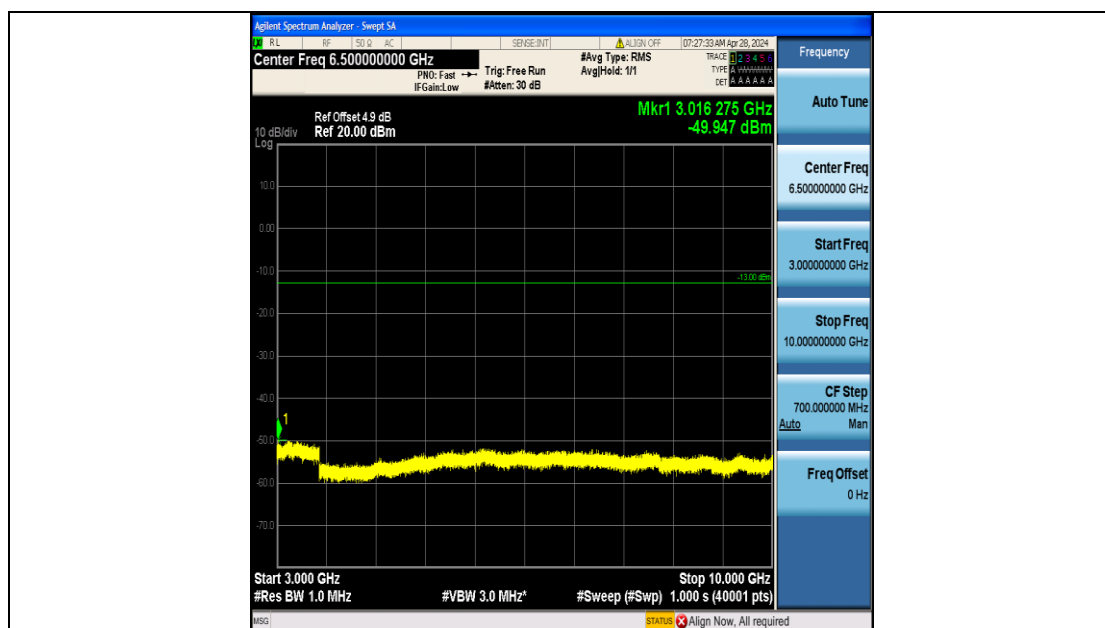
Band17_5MHz_16QAM_23755_25RB#0_0.15~30_0.15~30



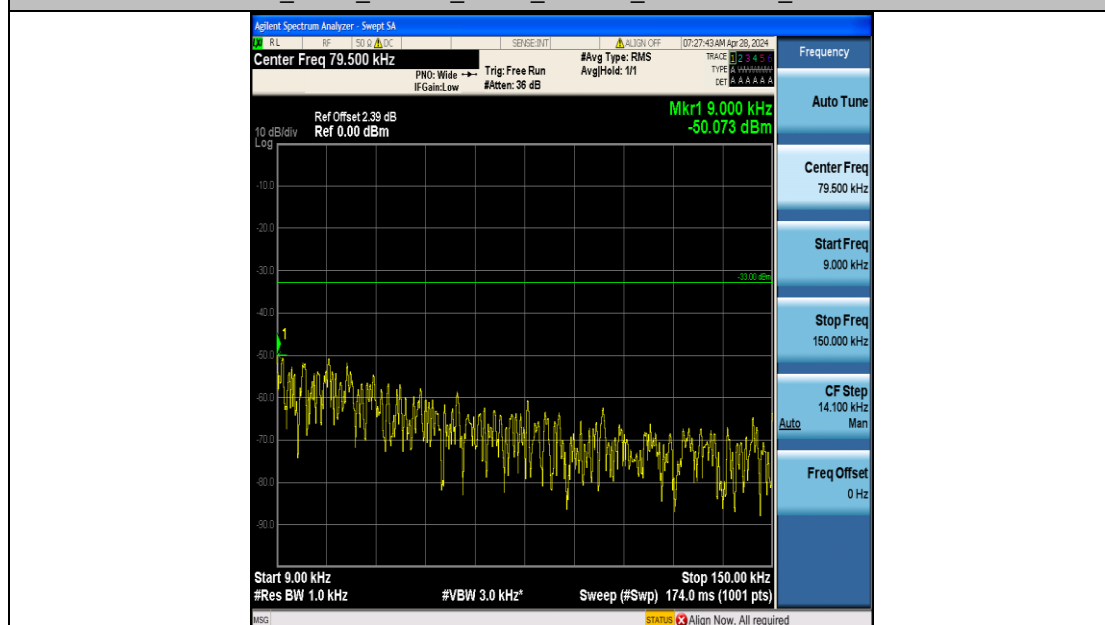
Band17_5MHz_16QAM_23755_25RB#0_30~1000_30~1000



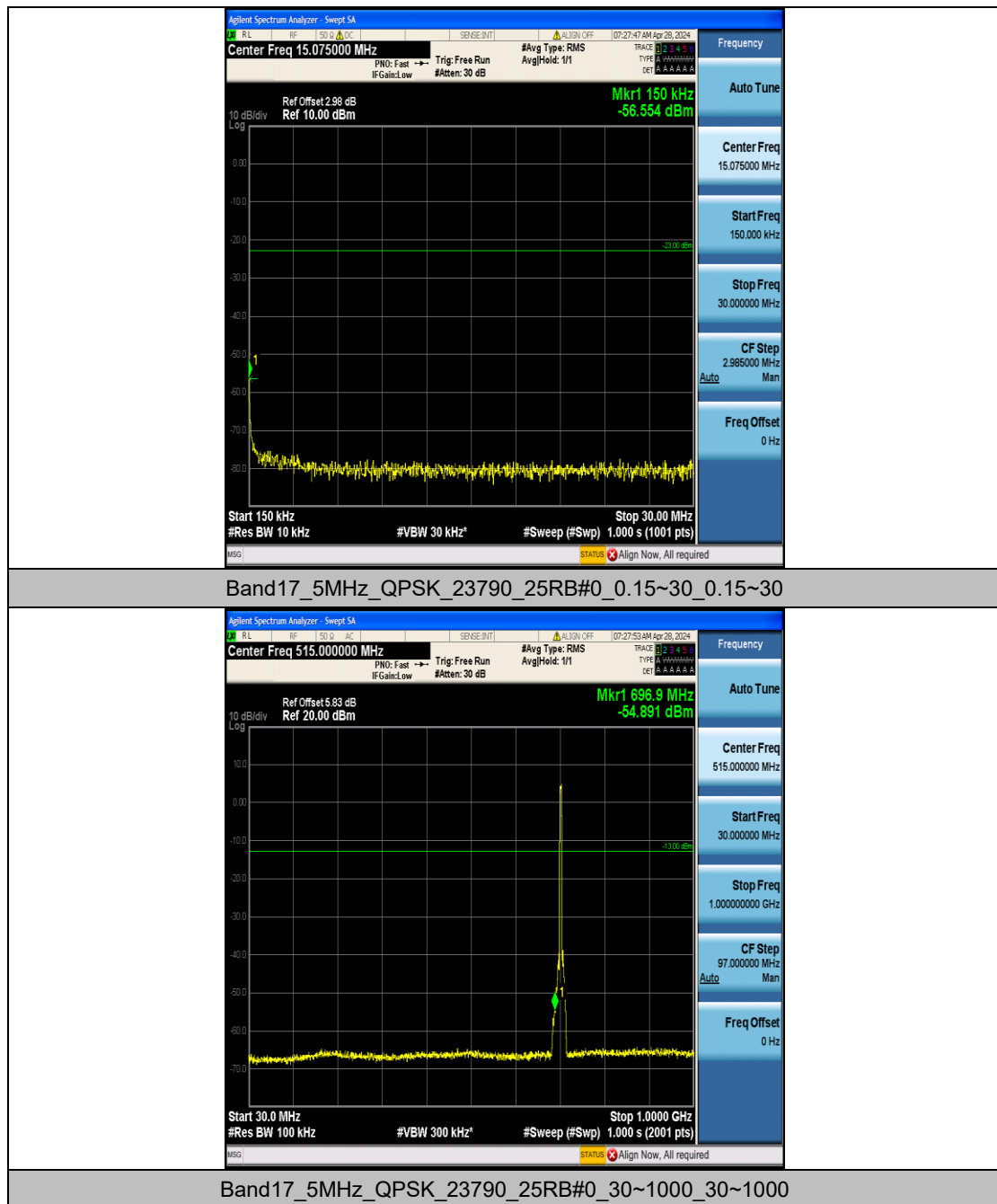
Band17_5MHz_16QAM_23755_25RB#0_1000~3000_1000~3000

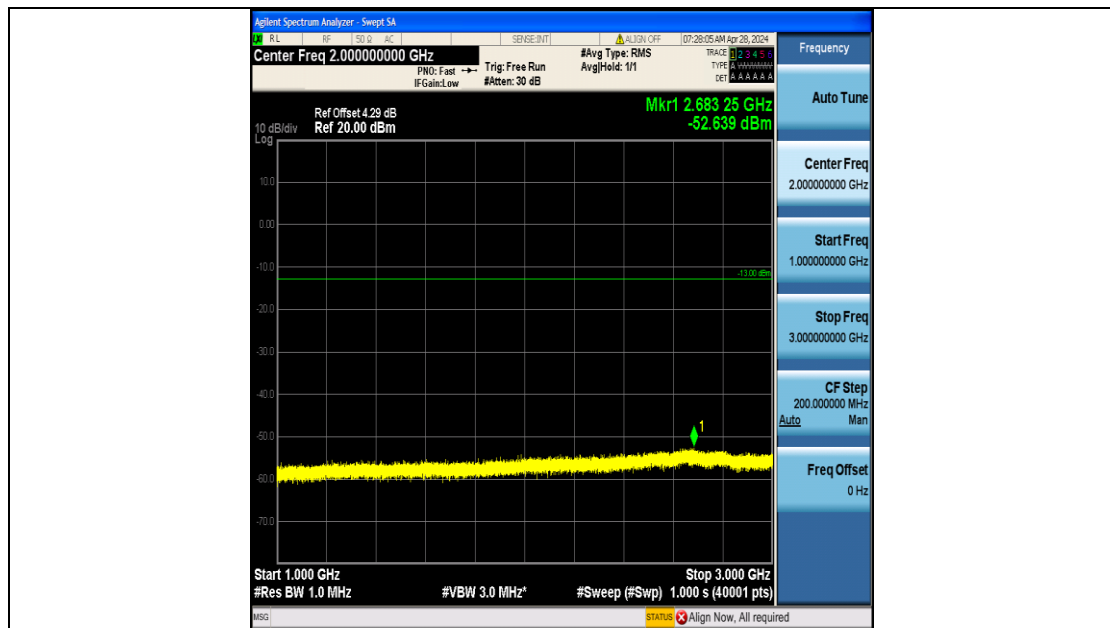


Band17_5MHz_16QAM_23755_25RB#0_3000~10000_3000~10000

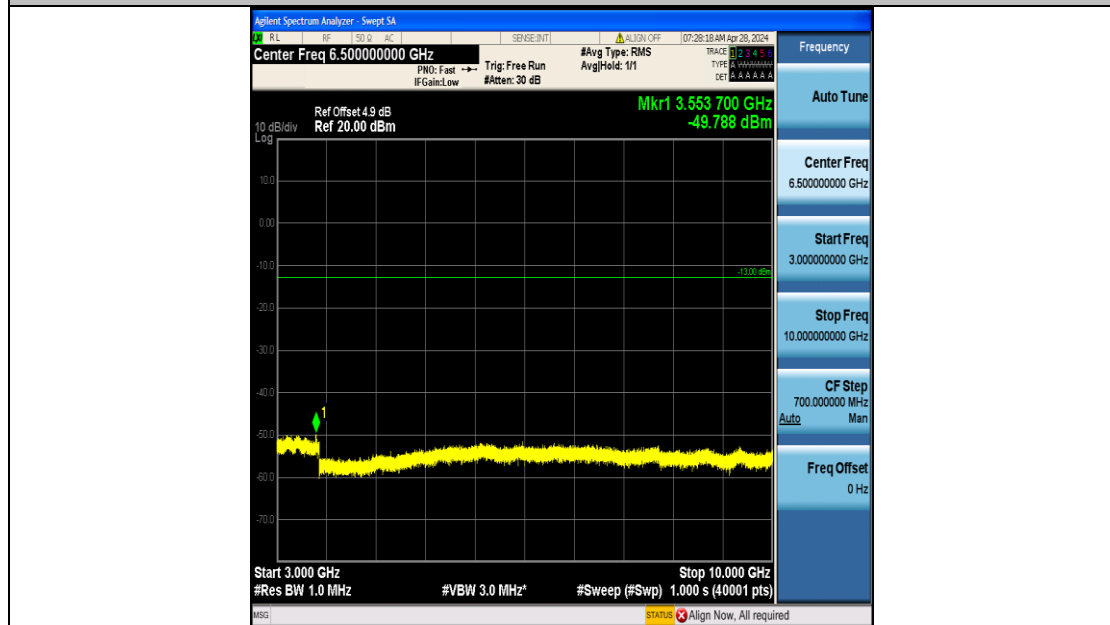


Band17_5MHz_QPSK_23790_25RB#0_0.009~0.15_0.009~0.15

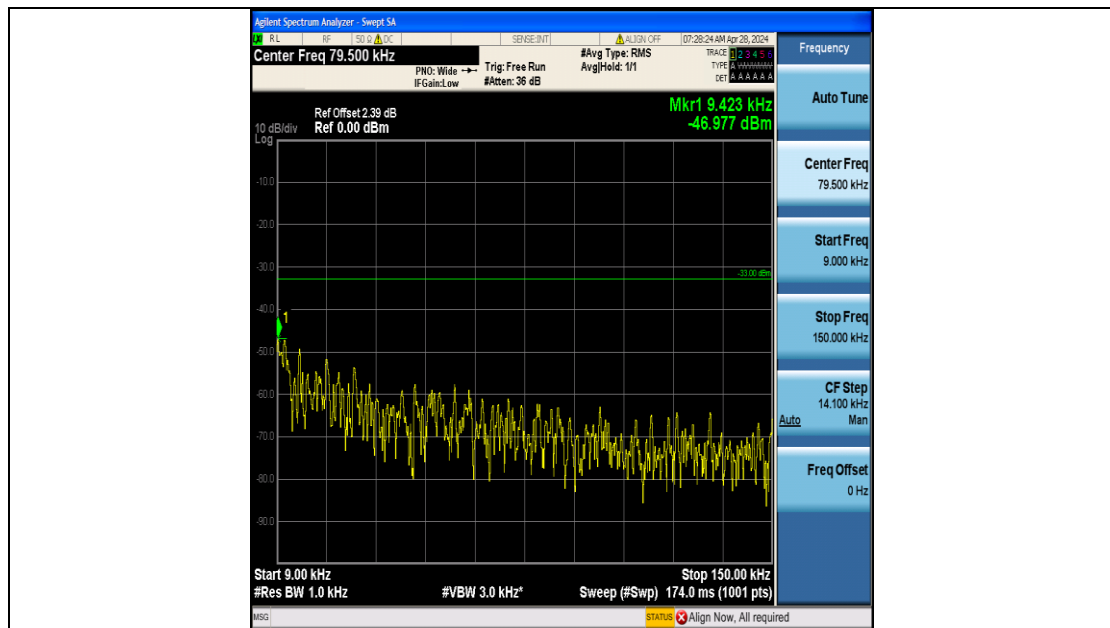




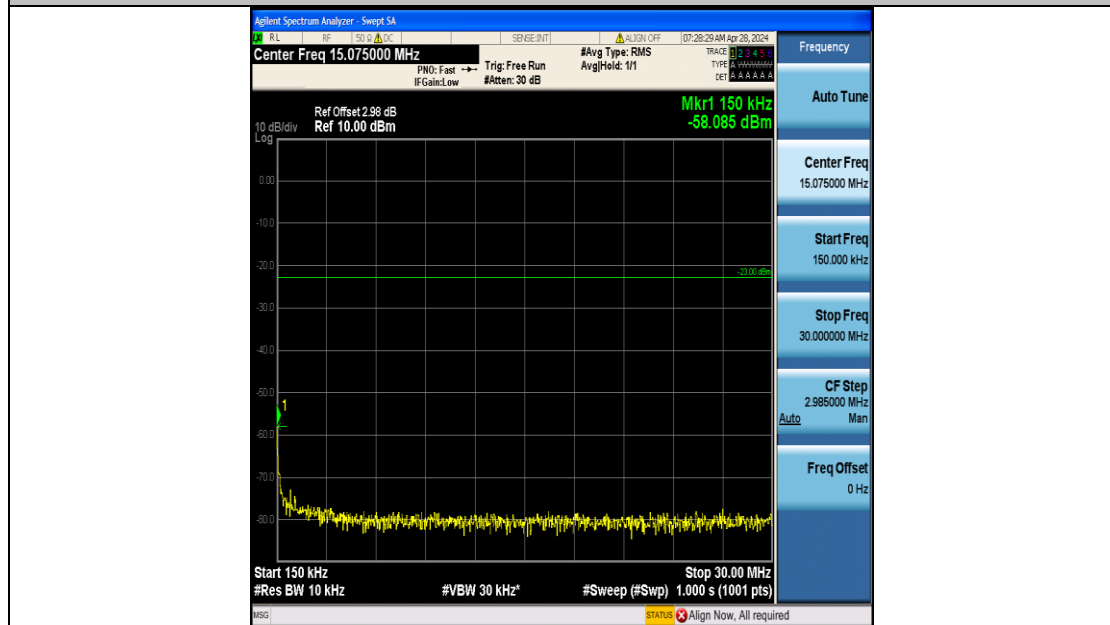
Band17_5MHz_QPSK_23790_25RB#0_1000~3000_1000~3000



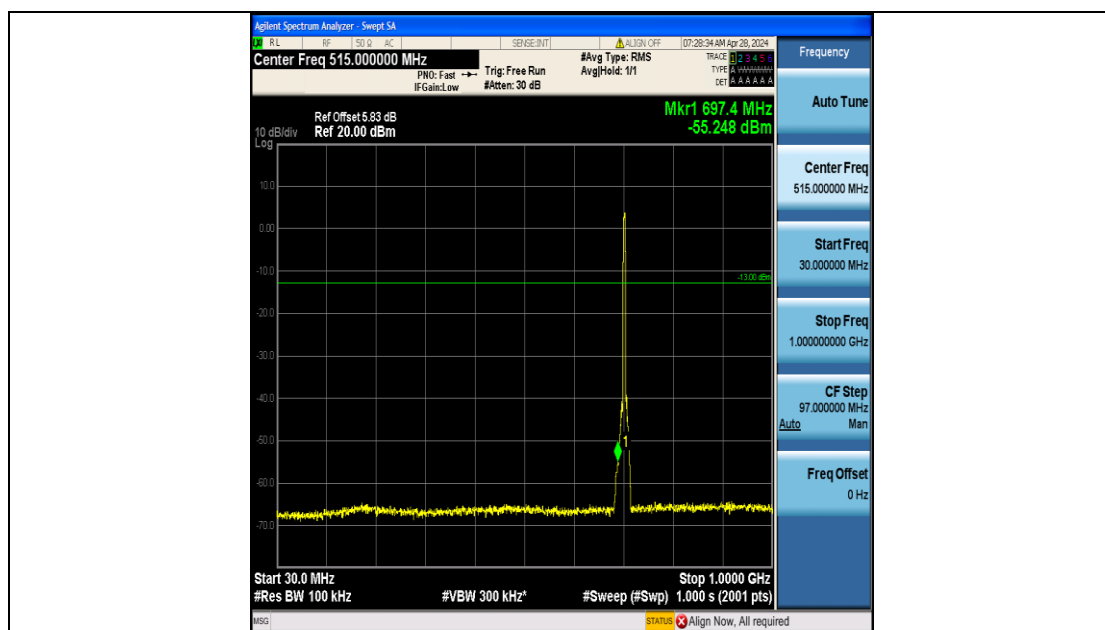
Band17_5MHz_QPSK_23790_25RB#0_3000~10000_3000~10000



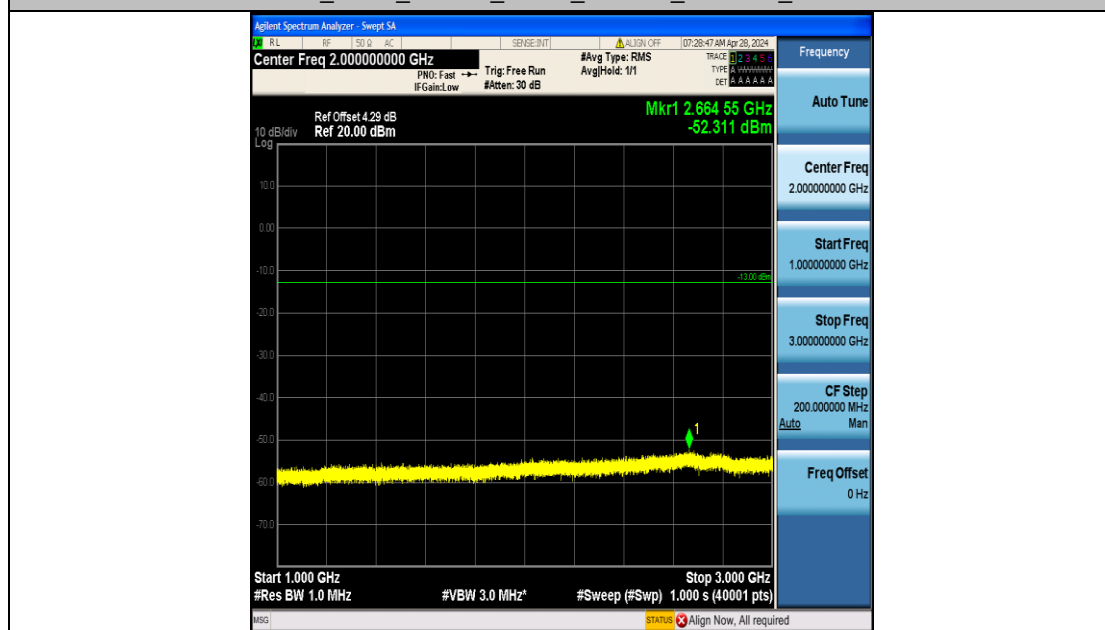
Band17_5MHz_16QAM_23790_25RB#0_0.009~0.15_0.009~0.15



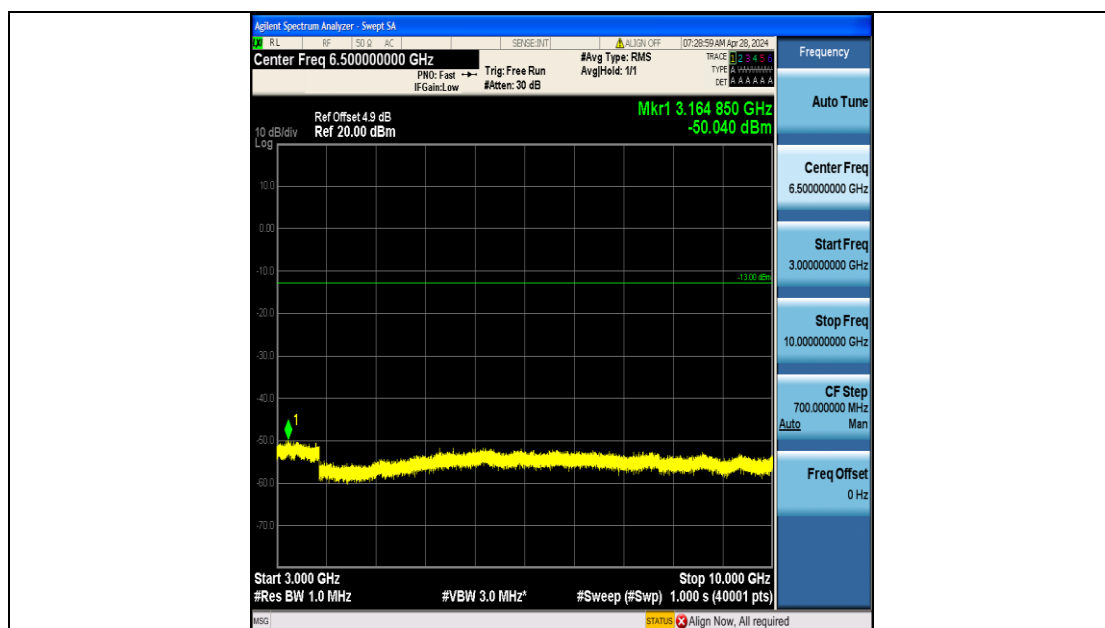
Band17_5MHz_16QAM_23790_25RB#0_0.15~30_0.15~30



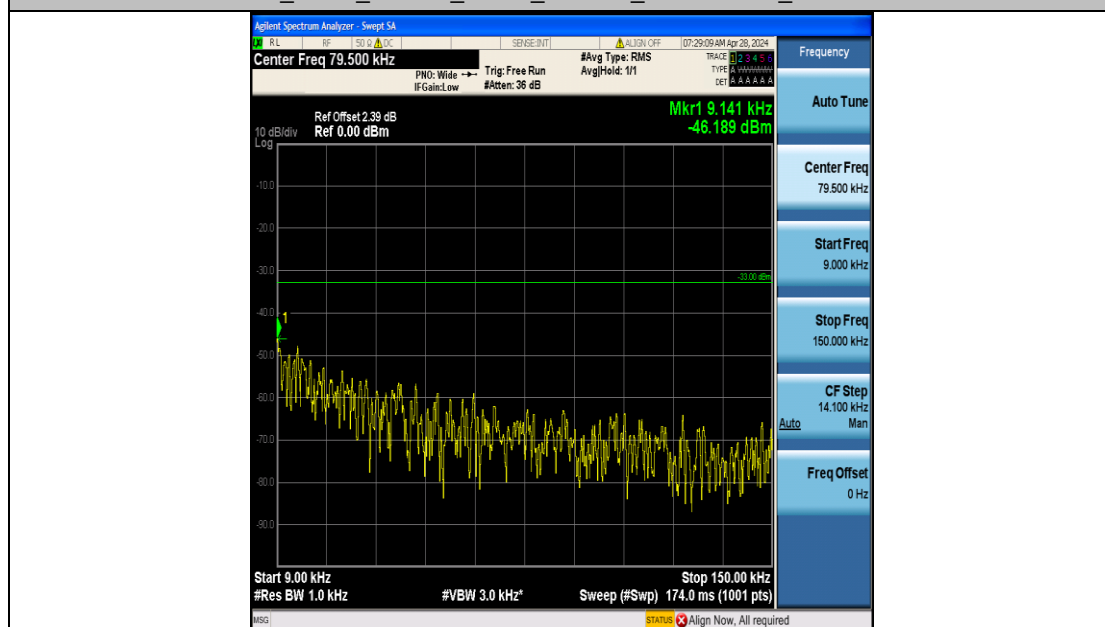
Band17_5MHz_16QAM_23790_25RB#0_30~1000_30~1000



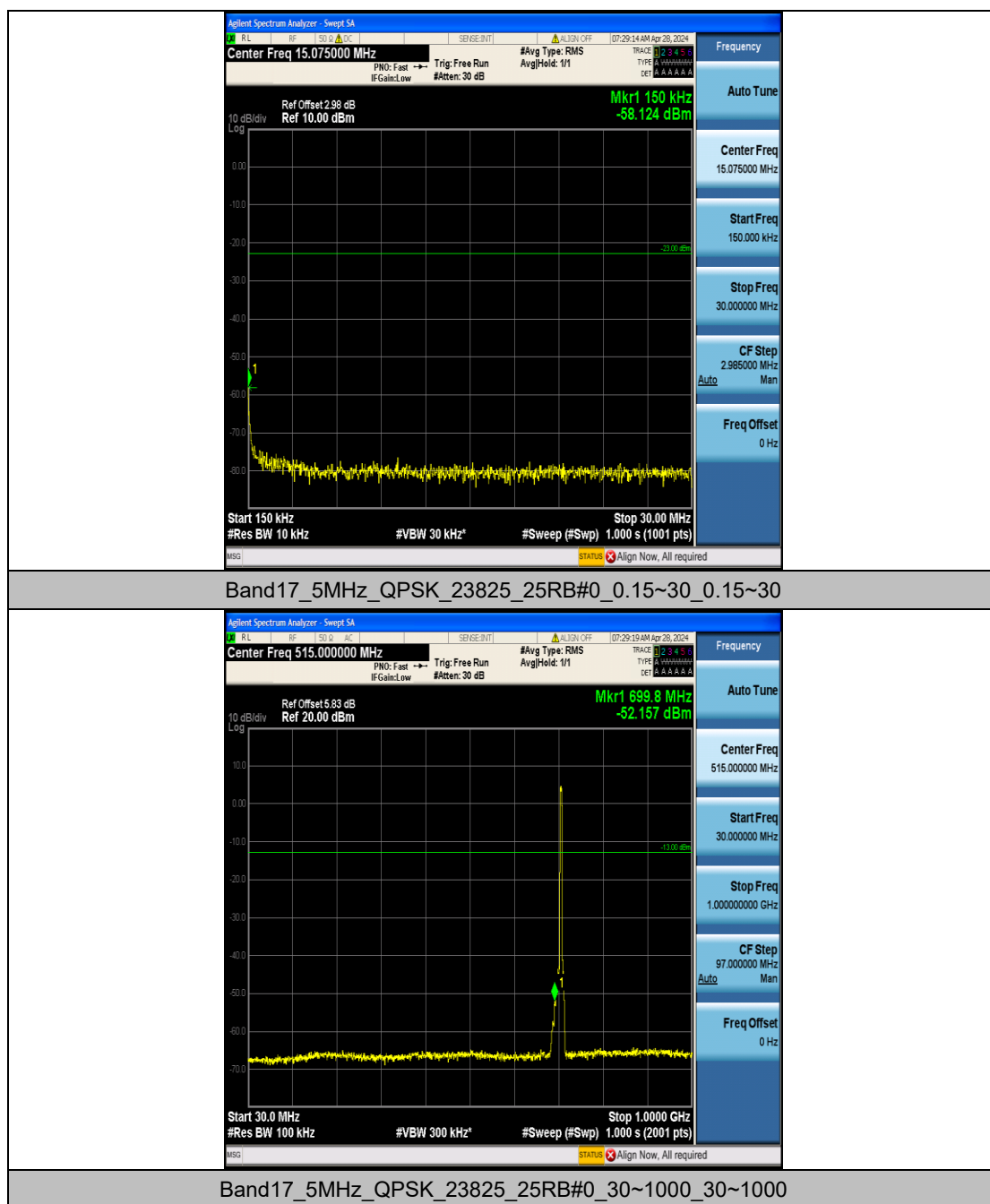
Band17_5MHz_16QAM_23790_25RB#0_1000~3000_1000~3000

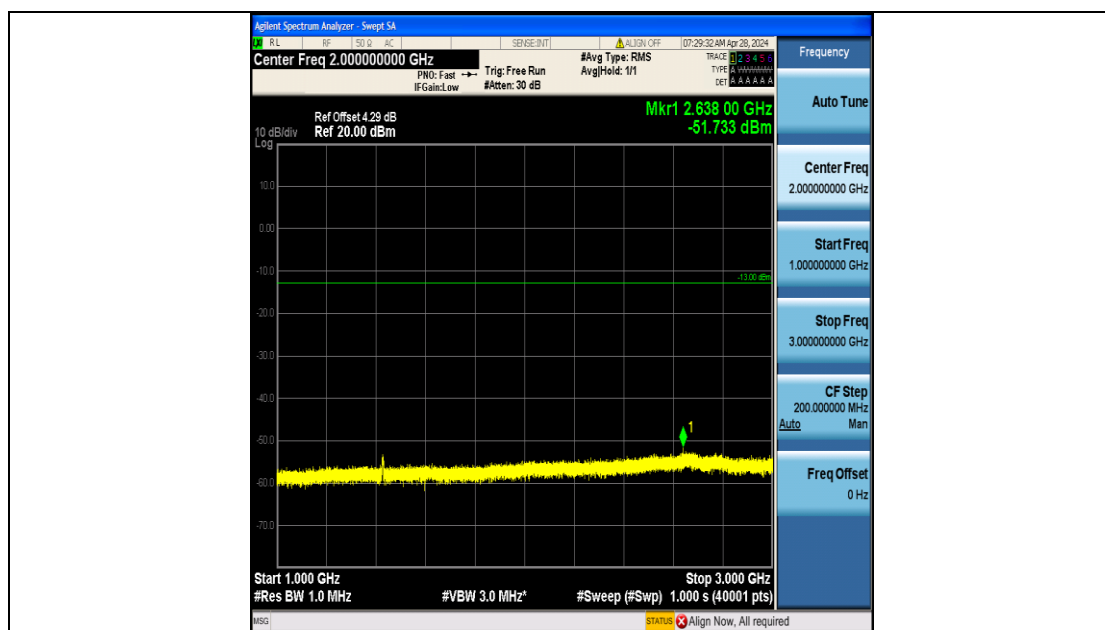


Band17_5MHz_16QAM_23790_25RB#0_3000~10000_3000~10000

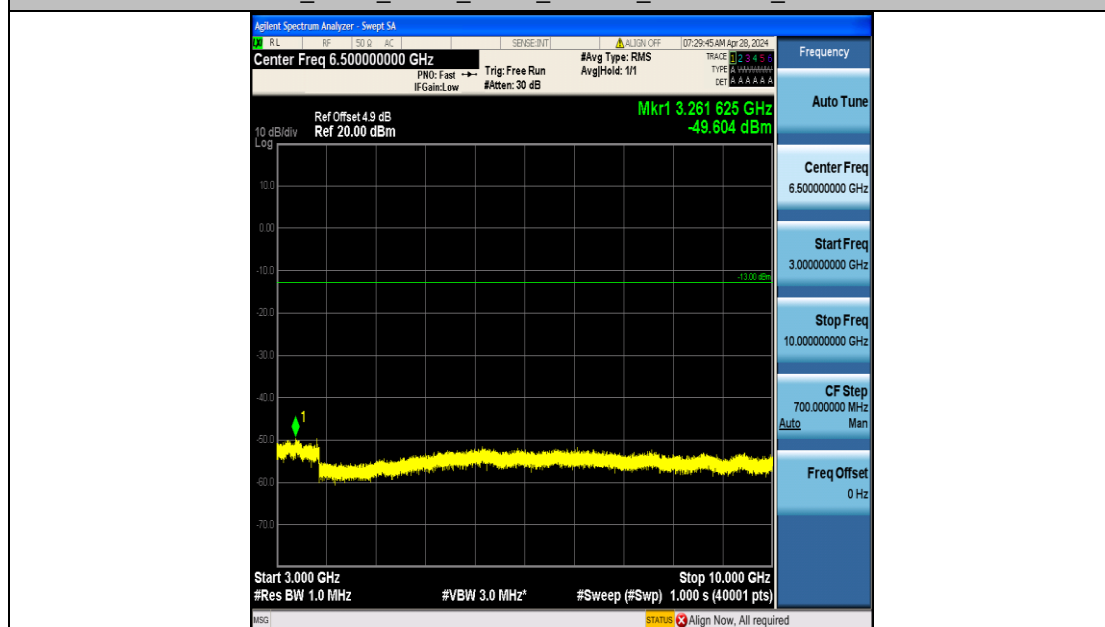


Band17_5MHz_QPSK_23825_25RB#0_0.009~0.15_0.009~0.15

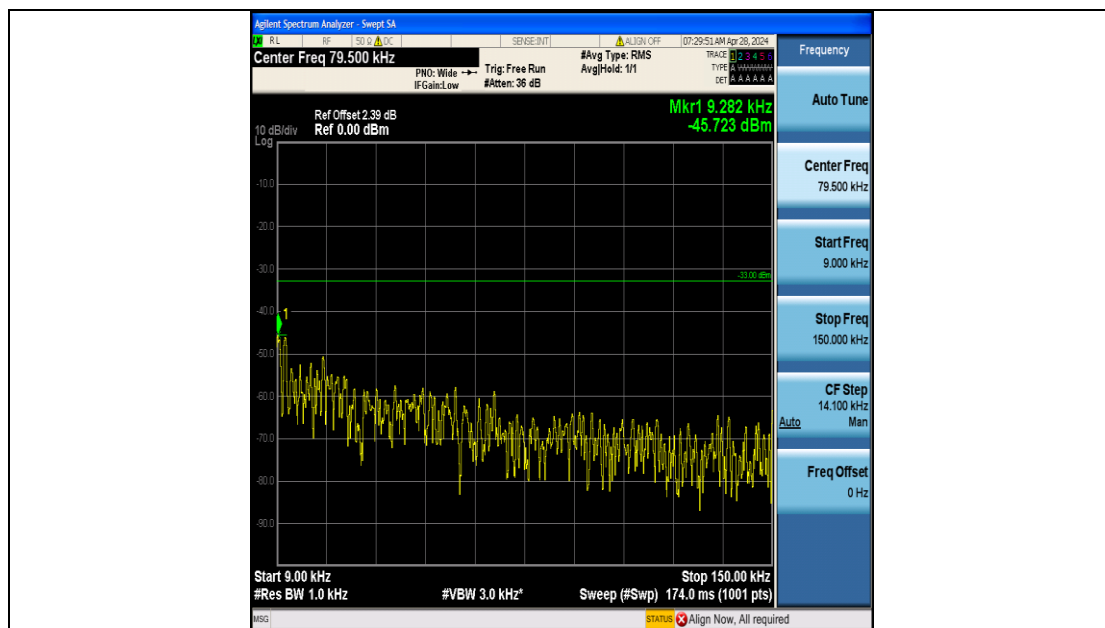




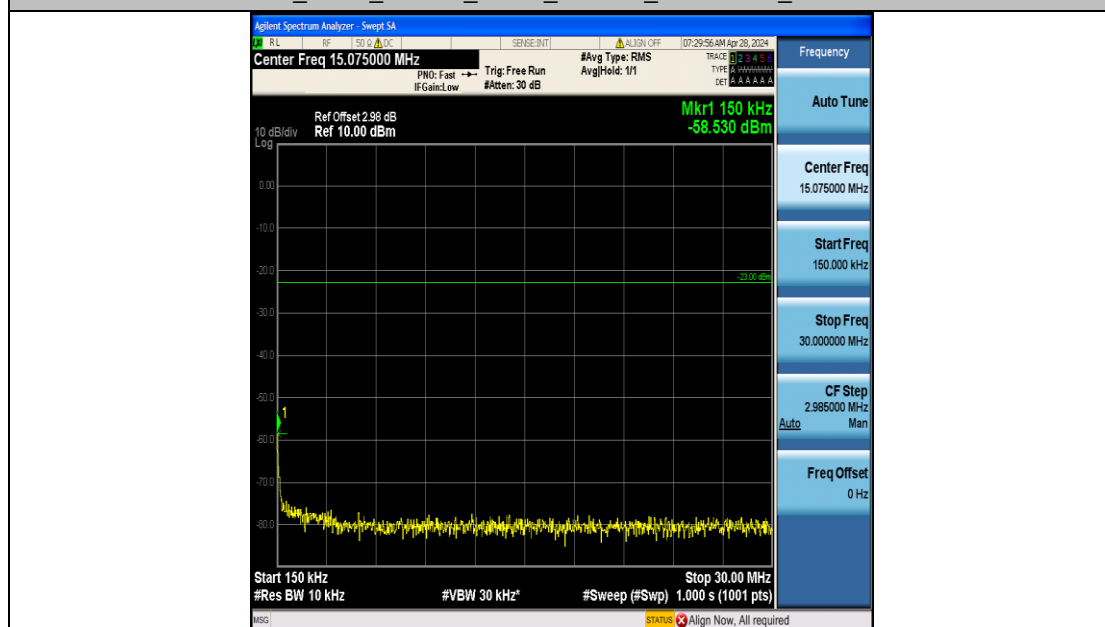
Band17_5MHz_QPSK_23825_25RB#0_1000~3000_1000~3000



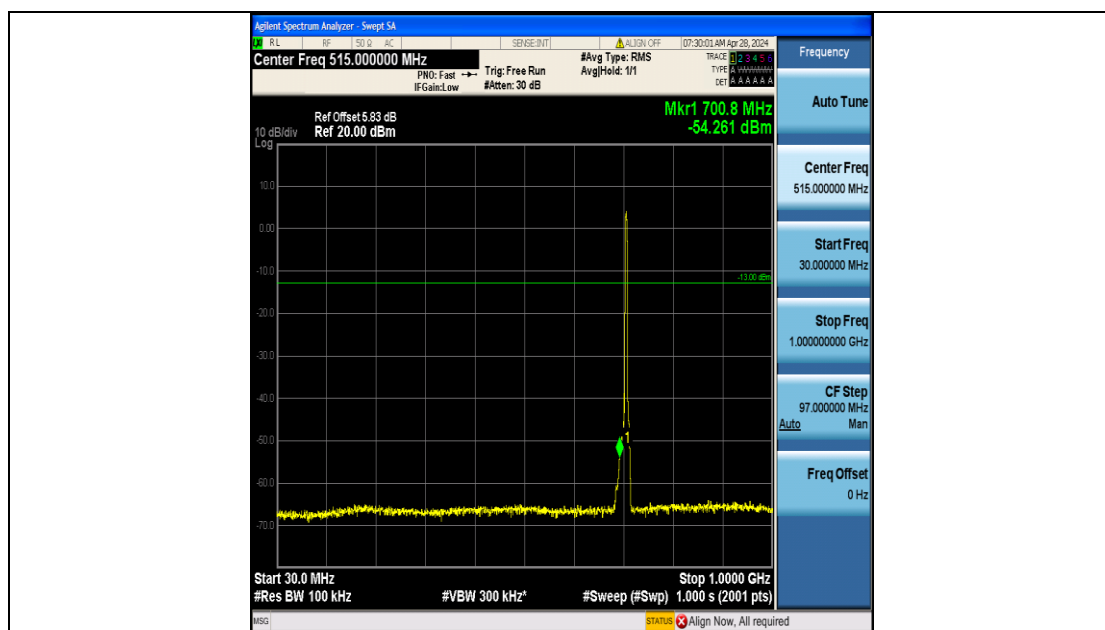
Band17_5MHz_QPSK_23825_25RB#0_3000~10000_3000~10000



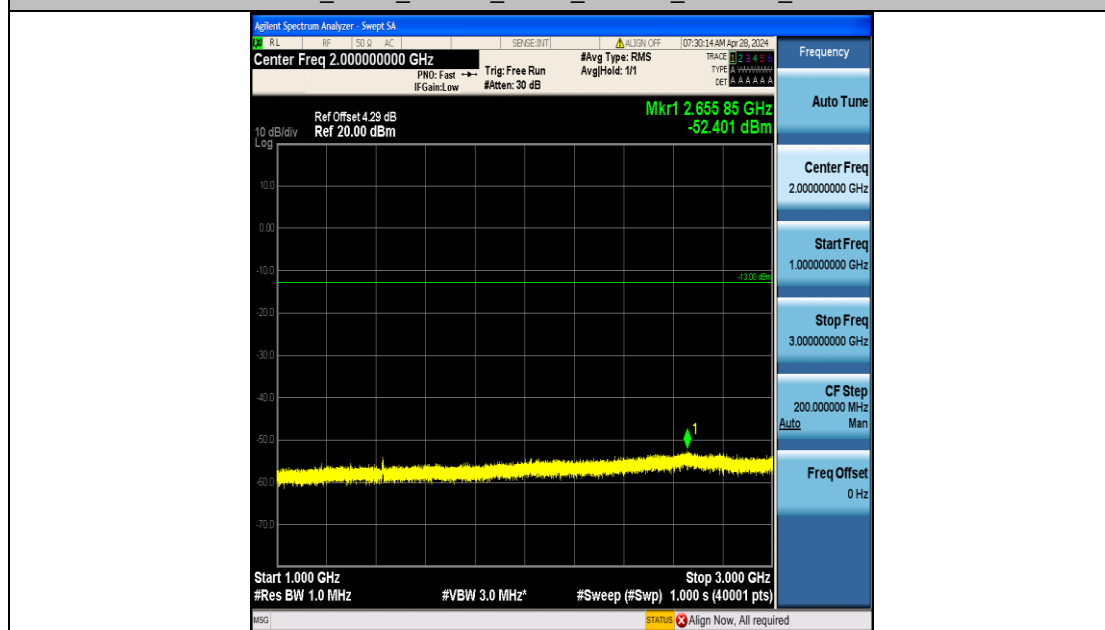
Band17_5MHz_16QAM_23825_25RB#0_0.009~0.15_0.009~0.15



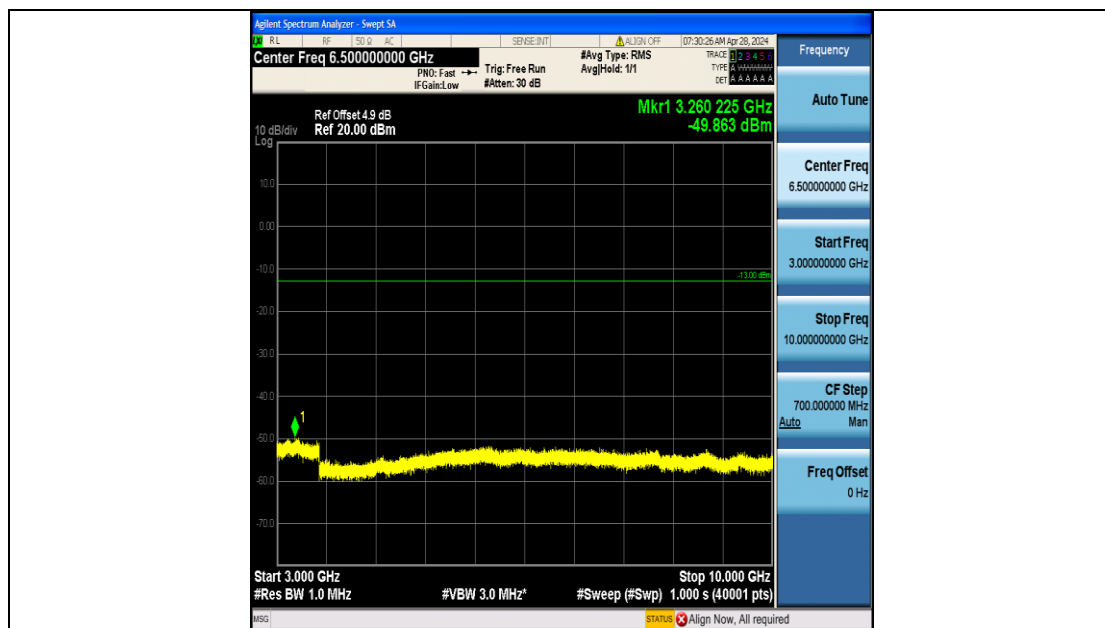
Band17_5MHz_16QAM_23825_25RB#0_0.15~30_0.15~30



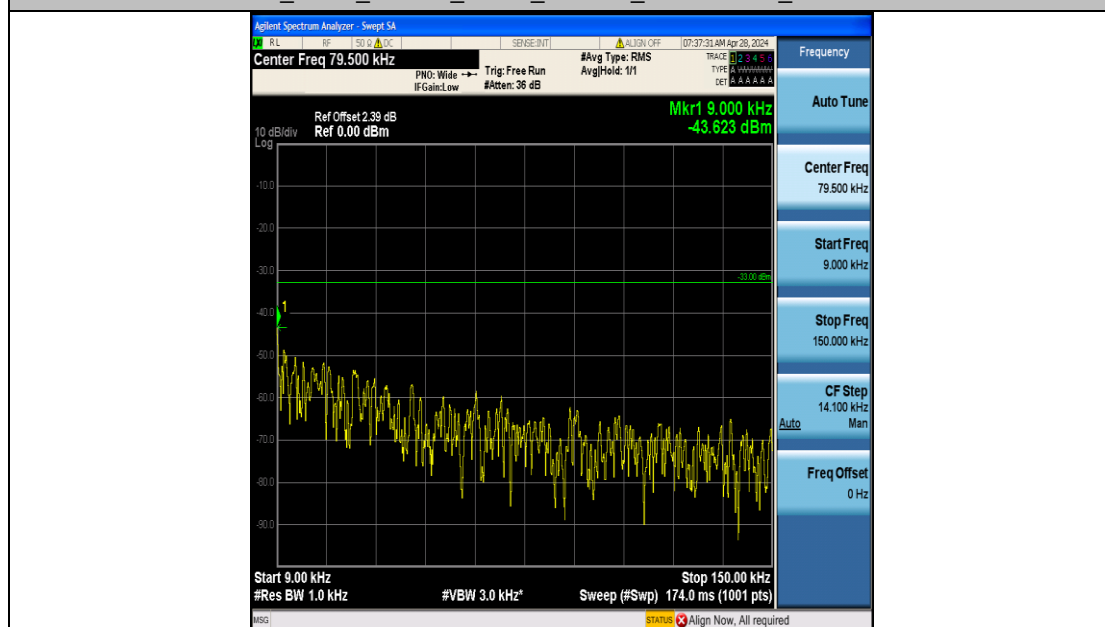
Band17_5MHz_16QAM_23825_25RB#0_30~1000_30~1000



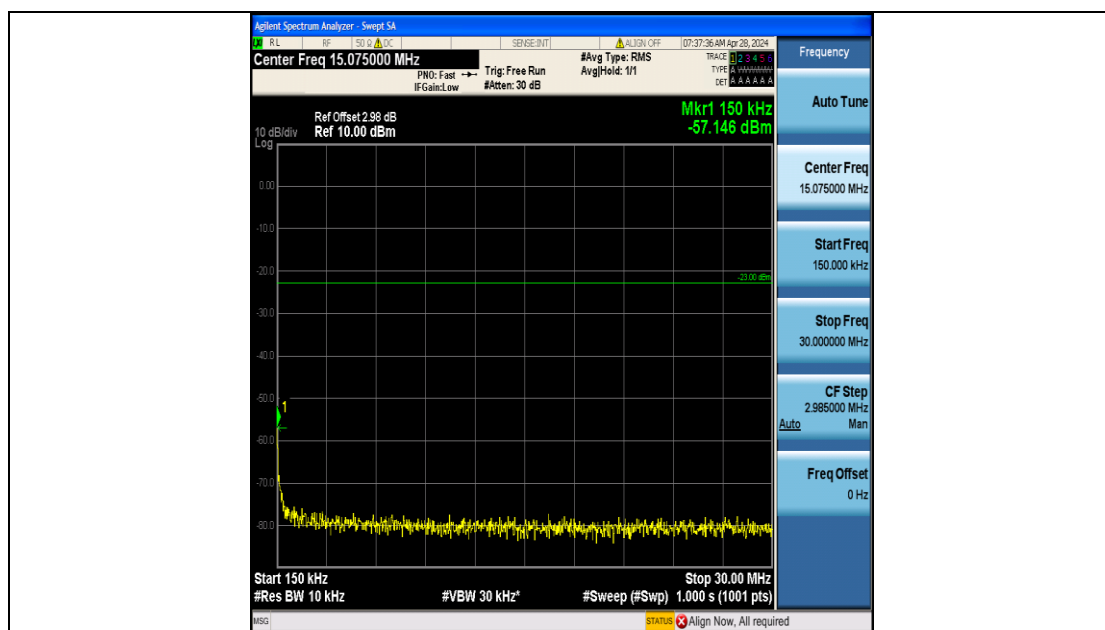
Band17_5MHz_16QAM_23825_25RB#0_1000~3000_1000~3000



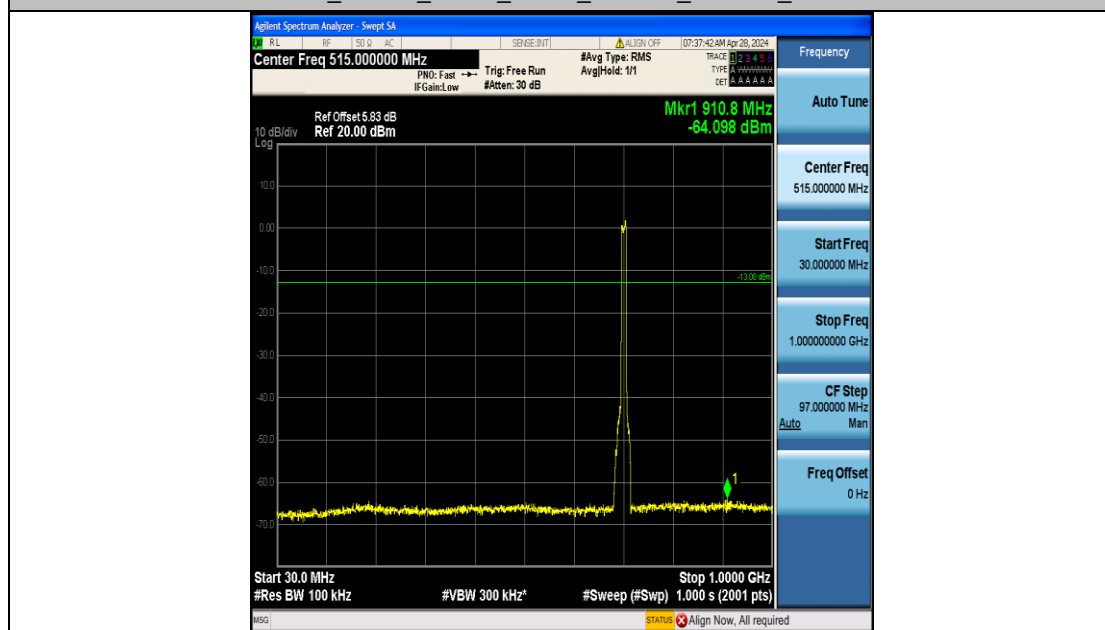
Band17_5MHz_16QAM_23825_25RB#0_3000~10000_3000~10000



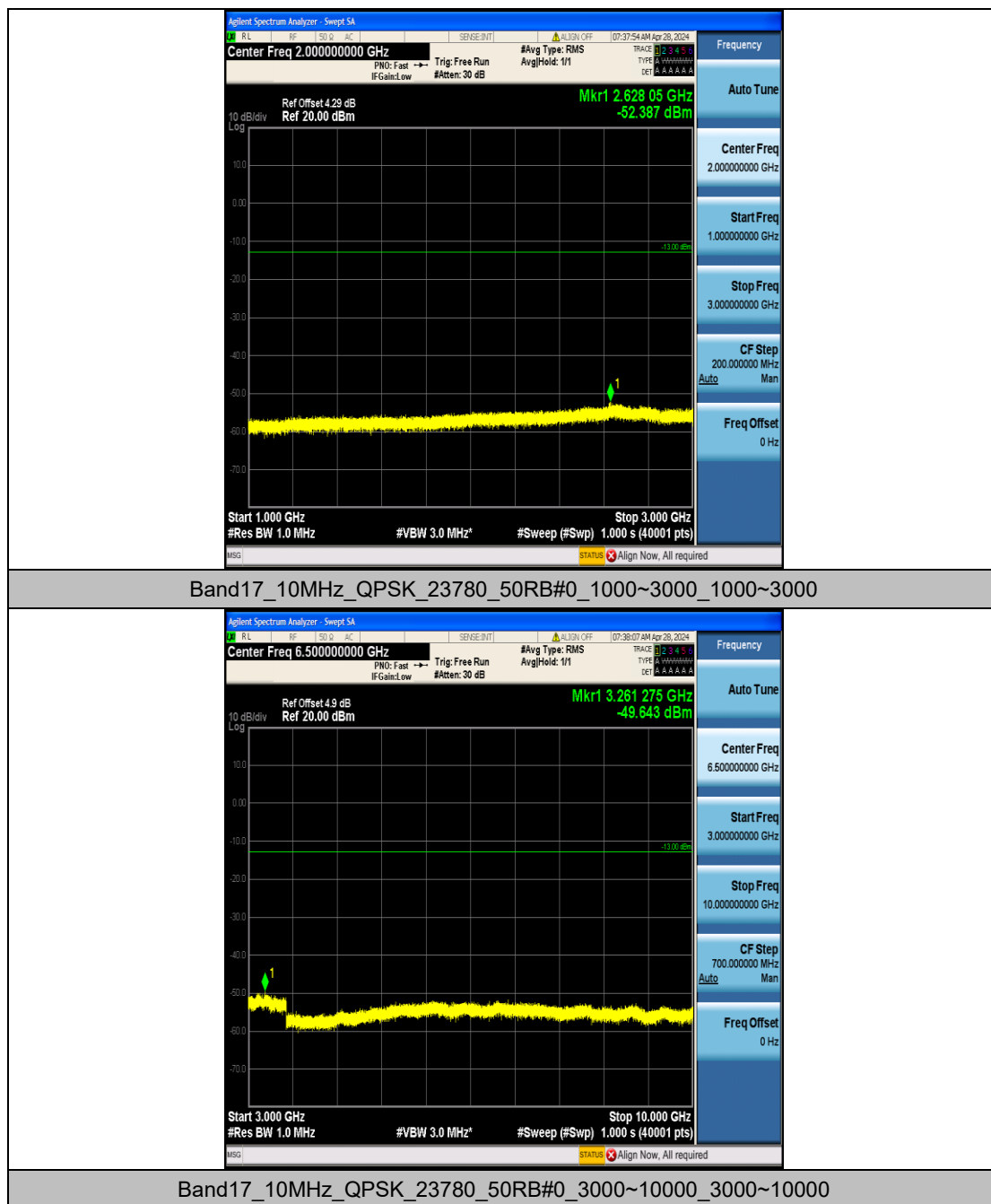
Band17_10MHz_QPSK_23780_50RB#0_0.009~0.15_0.009~0.15

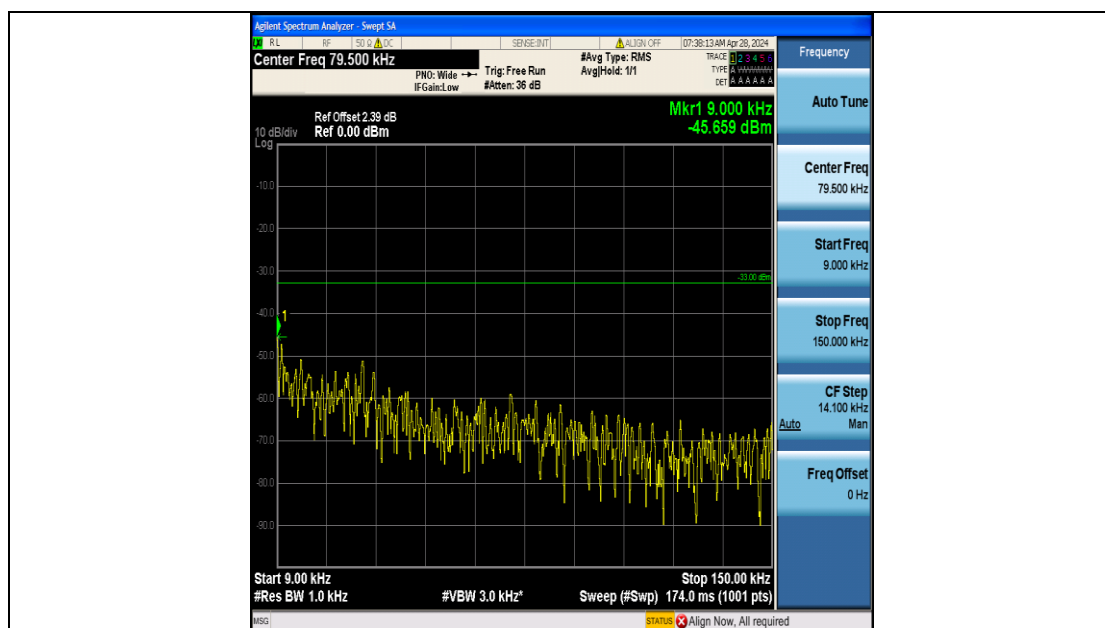


Band17_10MHz_QPSK_23780_50RB#0_0.15~30_0.15~30

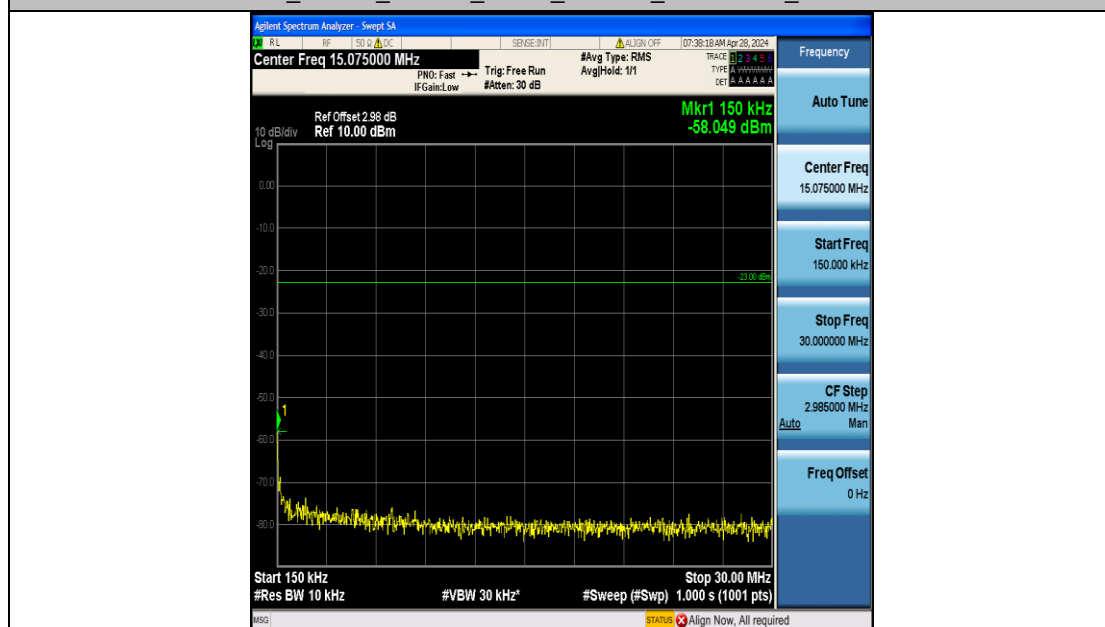


Band17_10MHz_QPSK_23780_50RB#0_30~1000_30~1000





Band17_10MHz_16QAM_23780_50RB#0_0.009~0.15_0.009~0.15



Band17_10MHz_16QAM_23780_50RB#0_0.15~30_0.15~30