

FCC LTE Band Test Data

FCC ID : 2BHCY-X100
Company: : Shenzhen ThreeTigers Trading co..Ltd.
EUT : Mobile Phone
Model Number : X100
Reviewed By : Eric Wang

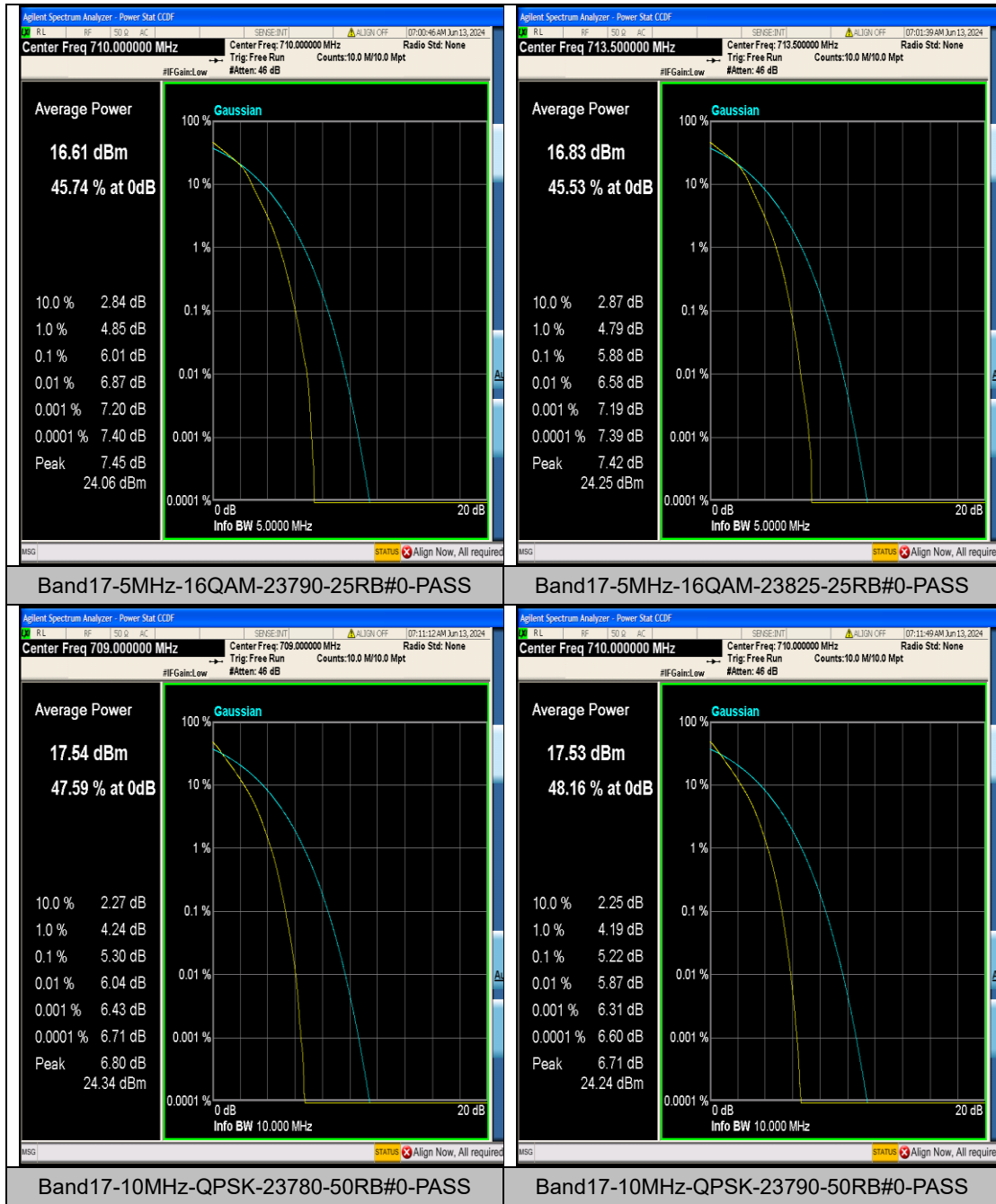
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	5.39	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.35	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.20	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.06	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.01	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.88	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.30	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.22	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.16	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.05	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.02	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.94	13	PASS

Test Graphs





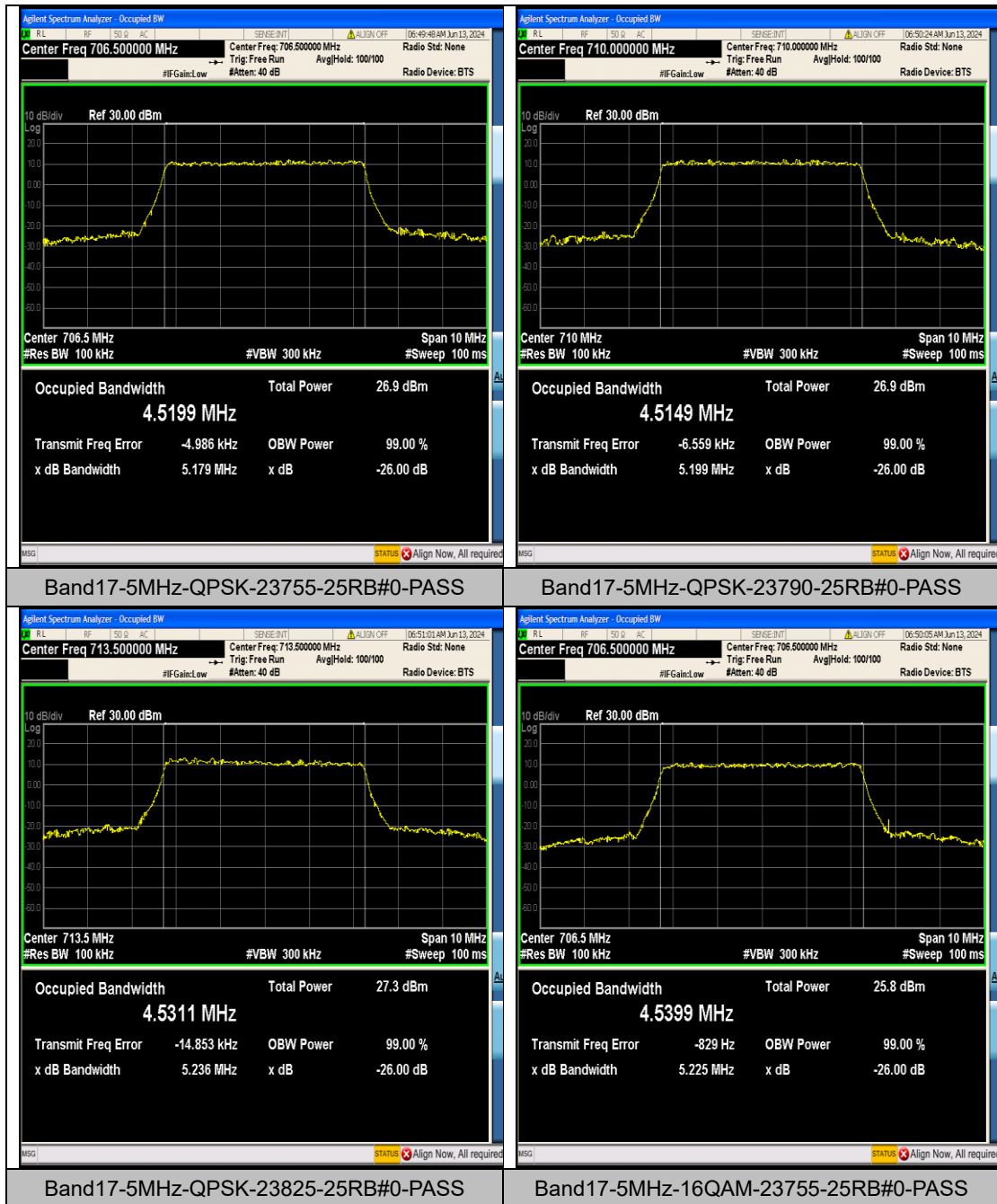


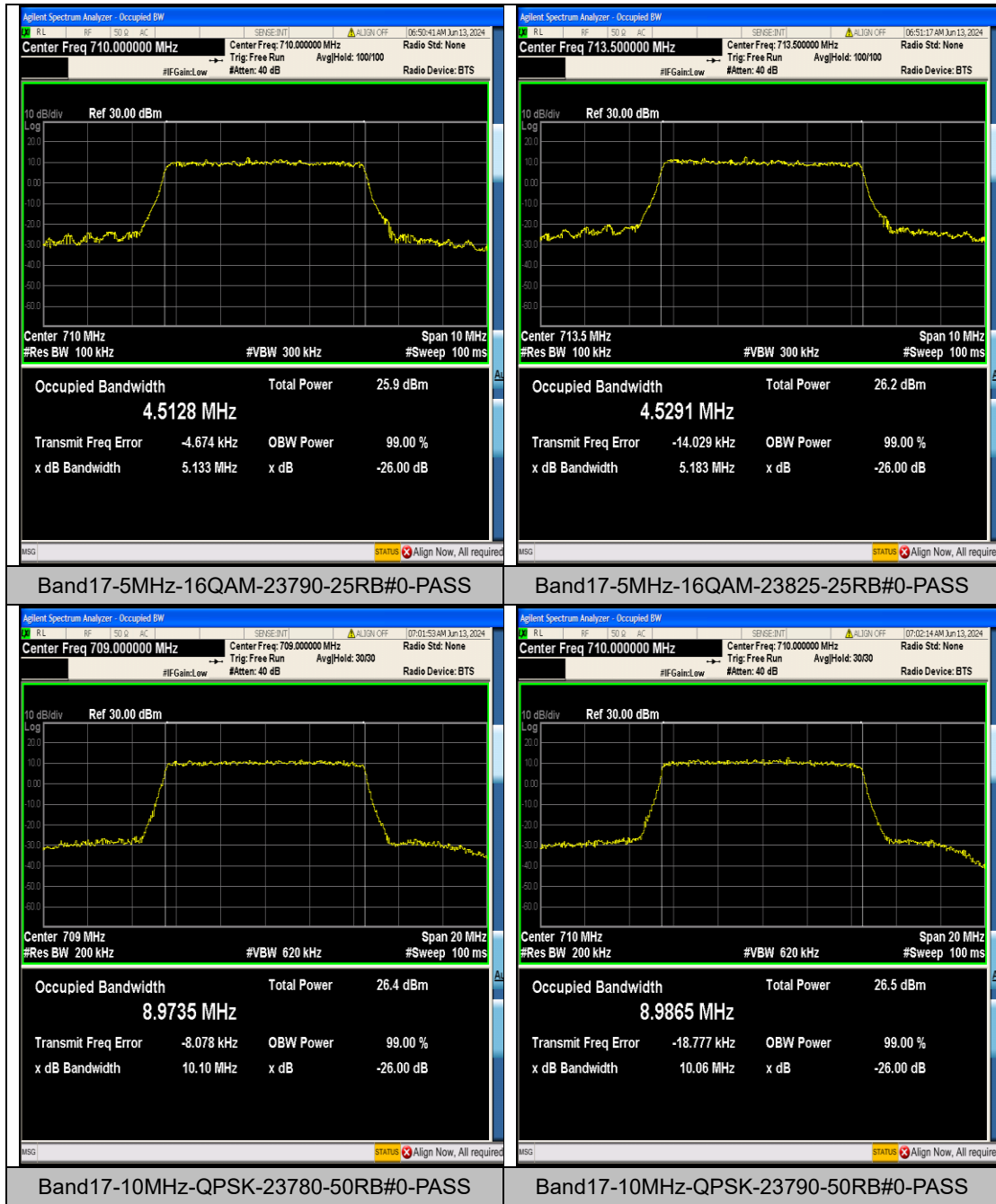
Appendix C: 26dB Bandwidth and Occupied Bandwidth

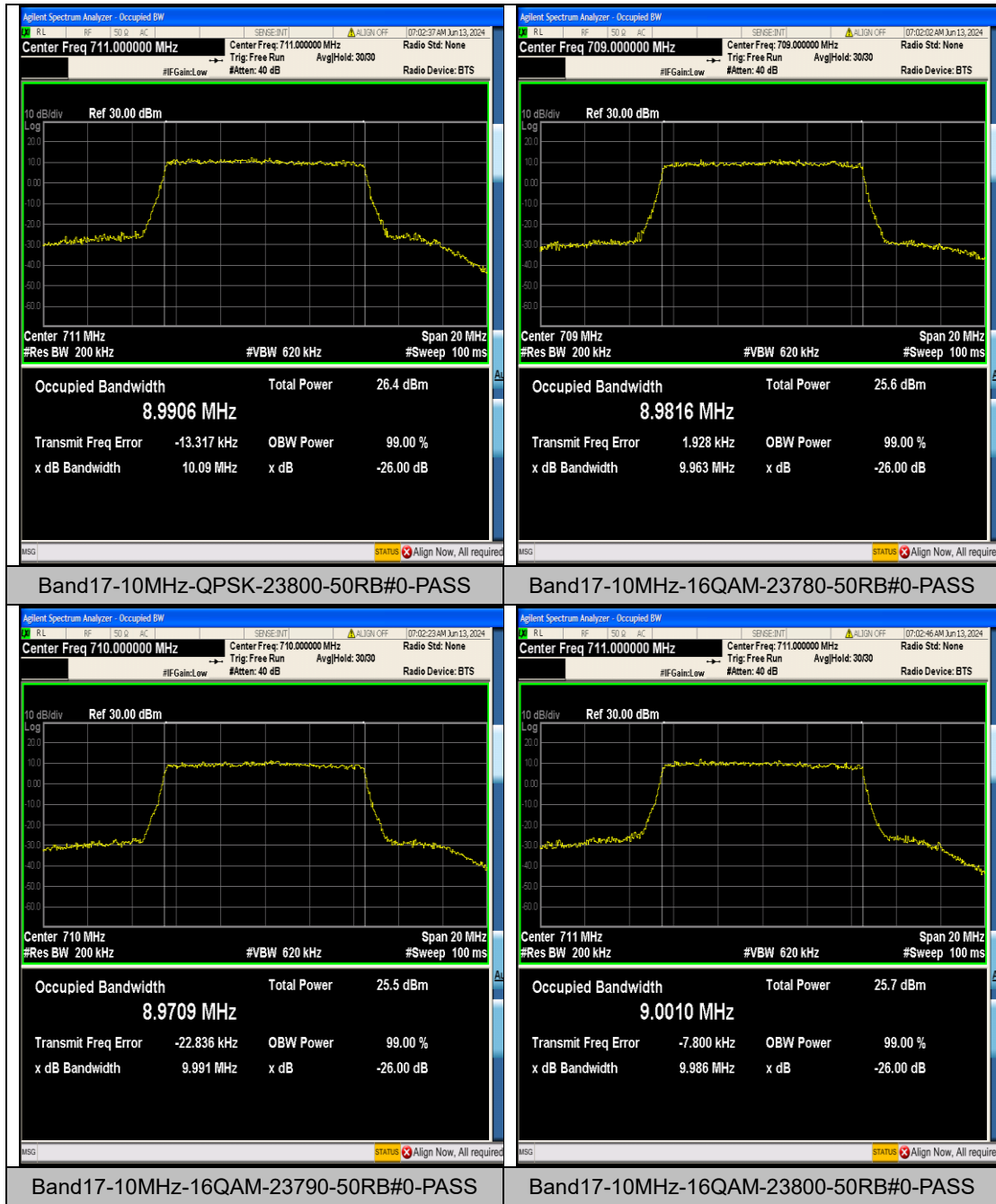
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5199	5.179	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5149	5.199	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5311	5.236	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5399	5.225	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5128	5.133	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5291	5.183	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9735	10.10	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9865	10.06	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9906	10.09	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9816	9.963	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9709	9.991	PASS
Band17	10MHz	16QAM	23800	50RB#0	9.0010	9.986	PASS

Test Graphs





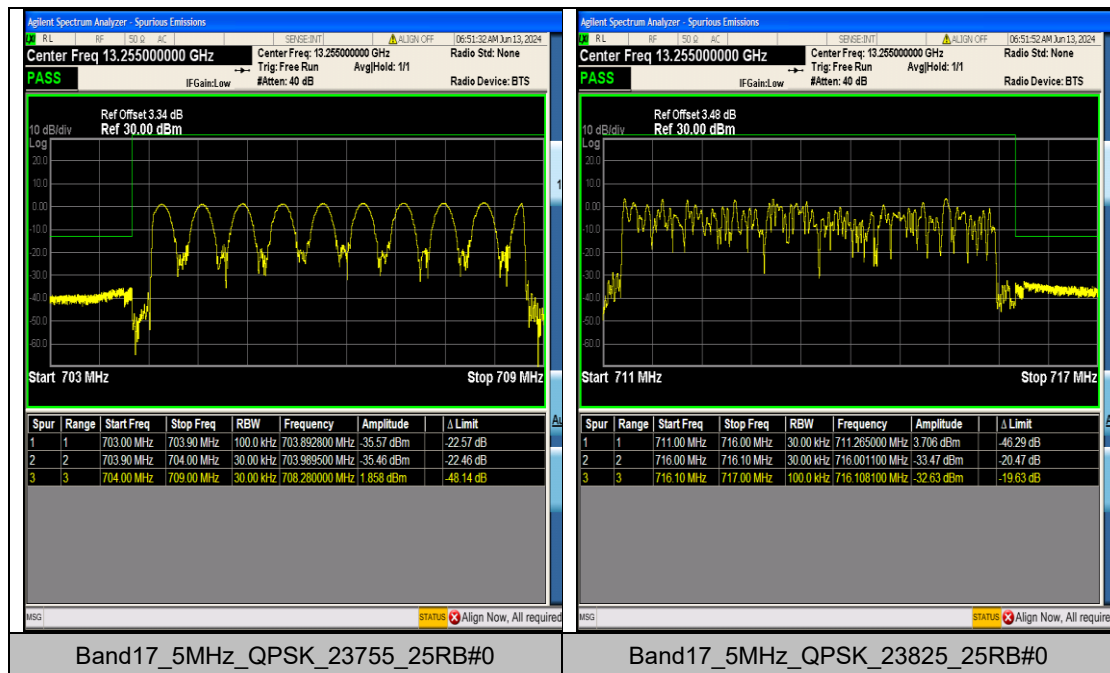


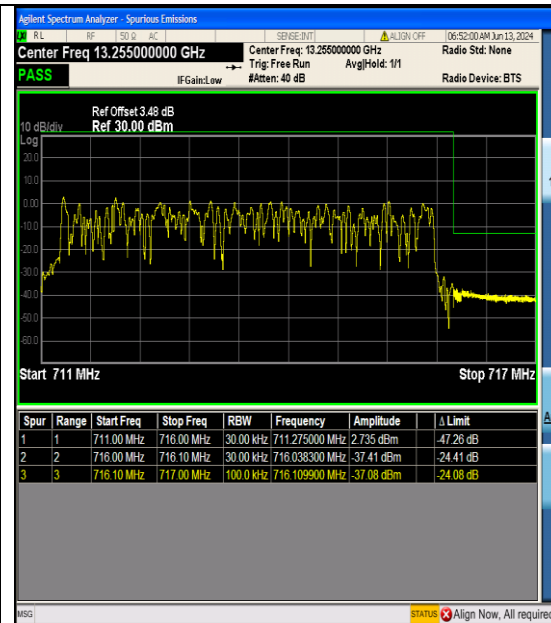
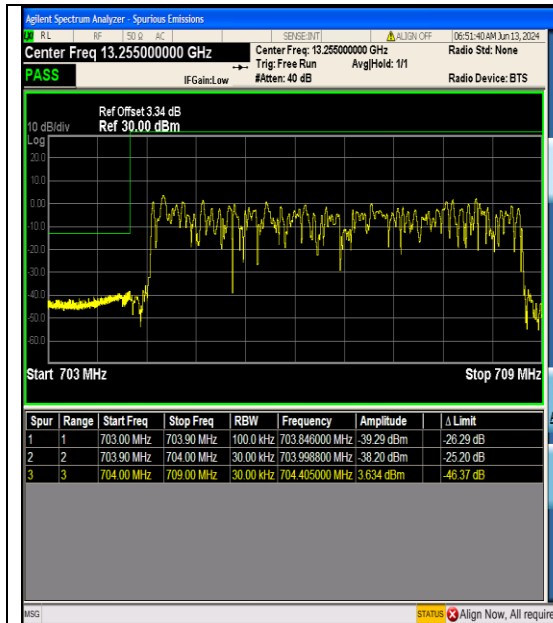
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-35.46	PASS
Band17	5MHz	QPSK	23825	25RB#0	-32.63	PASS
Band17	5MHz	16QAM	23755	25RB#0	-38.20	PASS
Band17	5MHz	16QAM	23825	25RB#0	-37.08	PASS
Band17	10MHz	QPSK	23780	50RB#0	-41.43	PASS
Band17	10MHz	QPSK	23800	50RB#0	-41.22	PASS
Band17	10MHz	16QAM	23780	50RB#0	-44.30	PASS
Band17	10MHz	16QAM	23800	50RB#0	-43.61	PASS

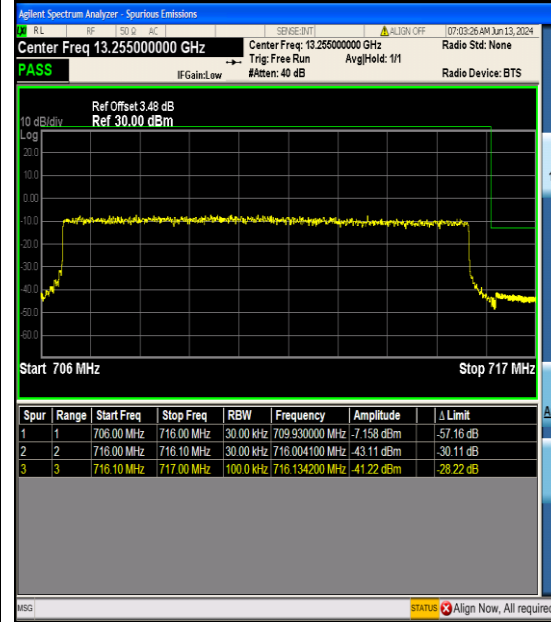
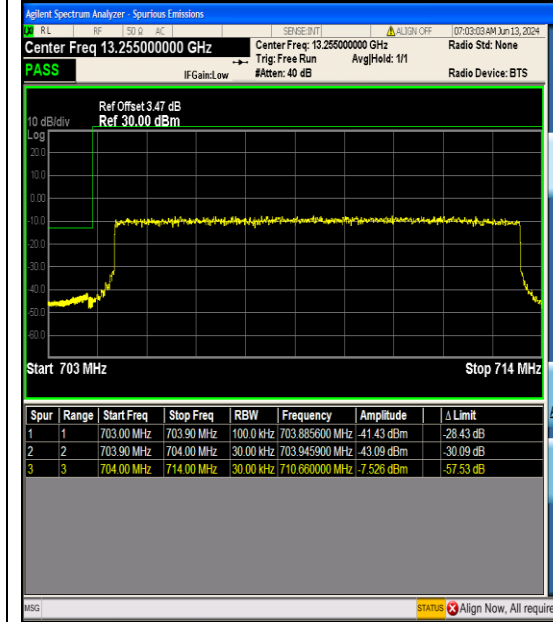
Test Graphs





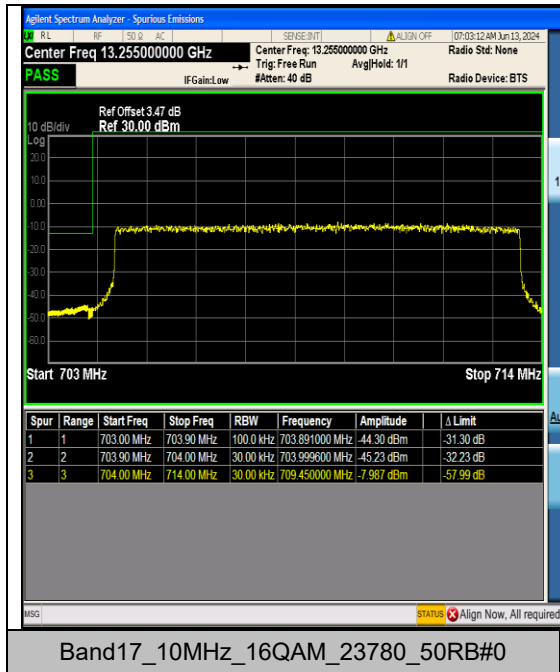
Band17_5MHz_16QAM_23755_25RB#0

Band17_5MHz_16QAM_23825_25RB#0



Band17_10MHz_QPSK_23780_50RB#0

Band17_10MHz_QPSK_23800_50RB#0



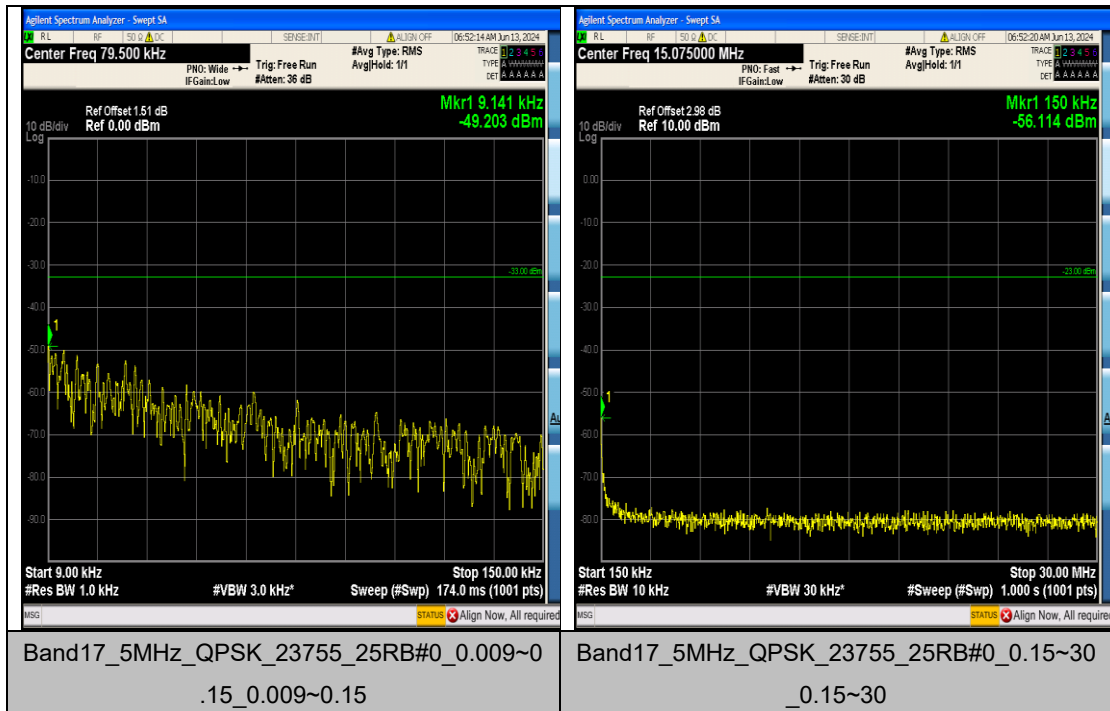
Appendix E: Conducted Spurious Emission

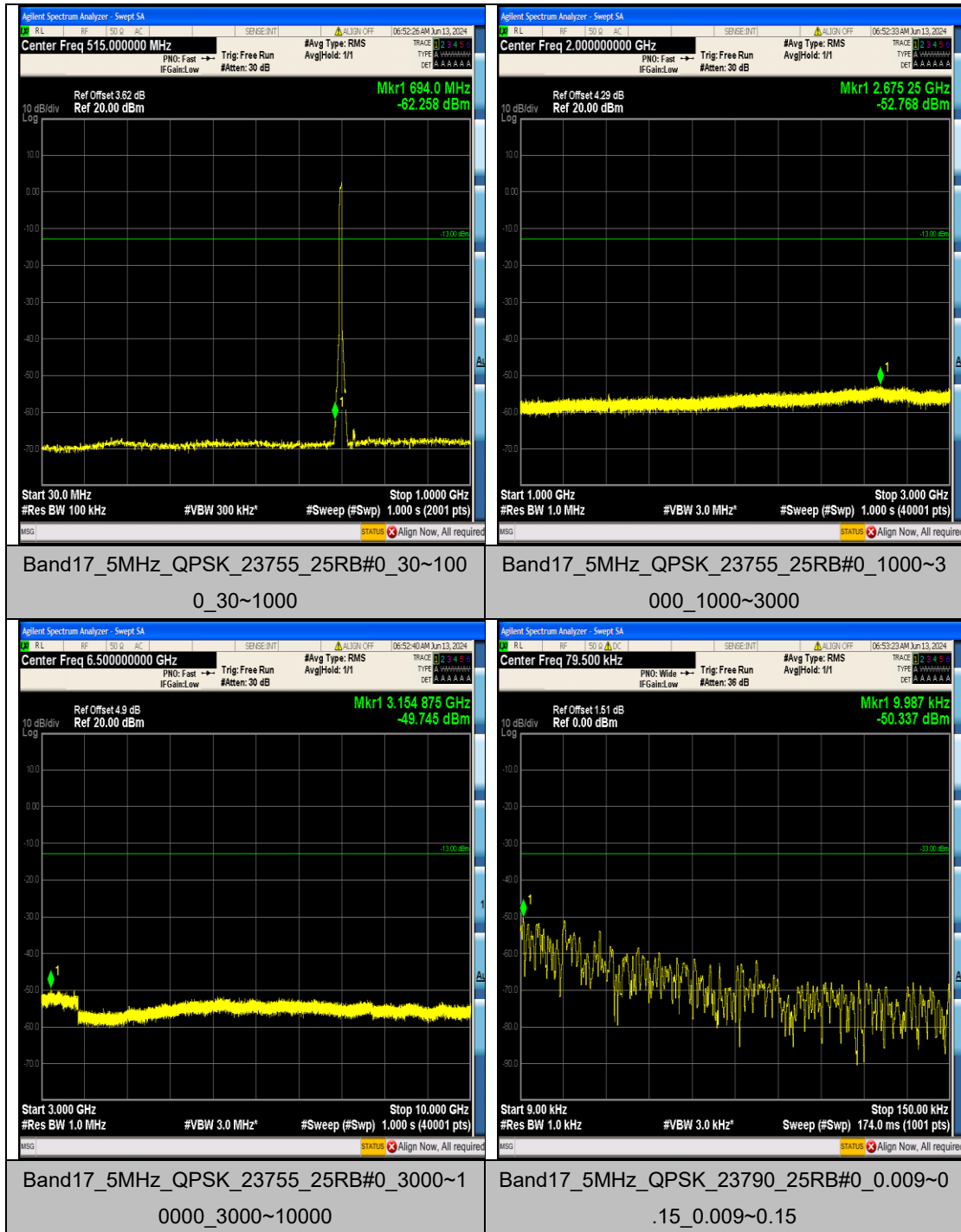
Test Result

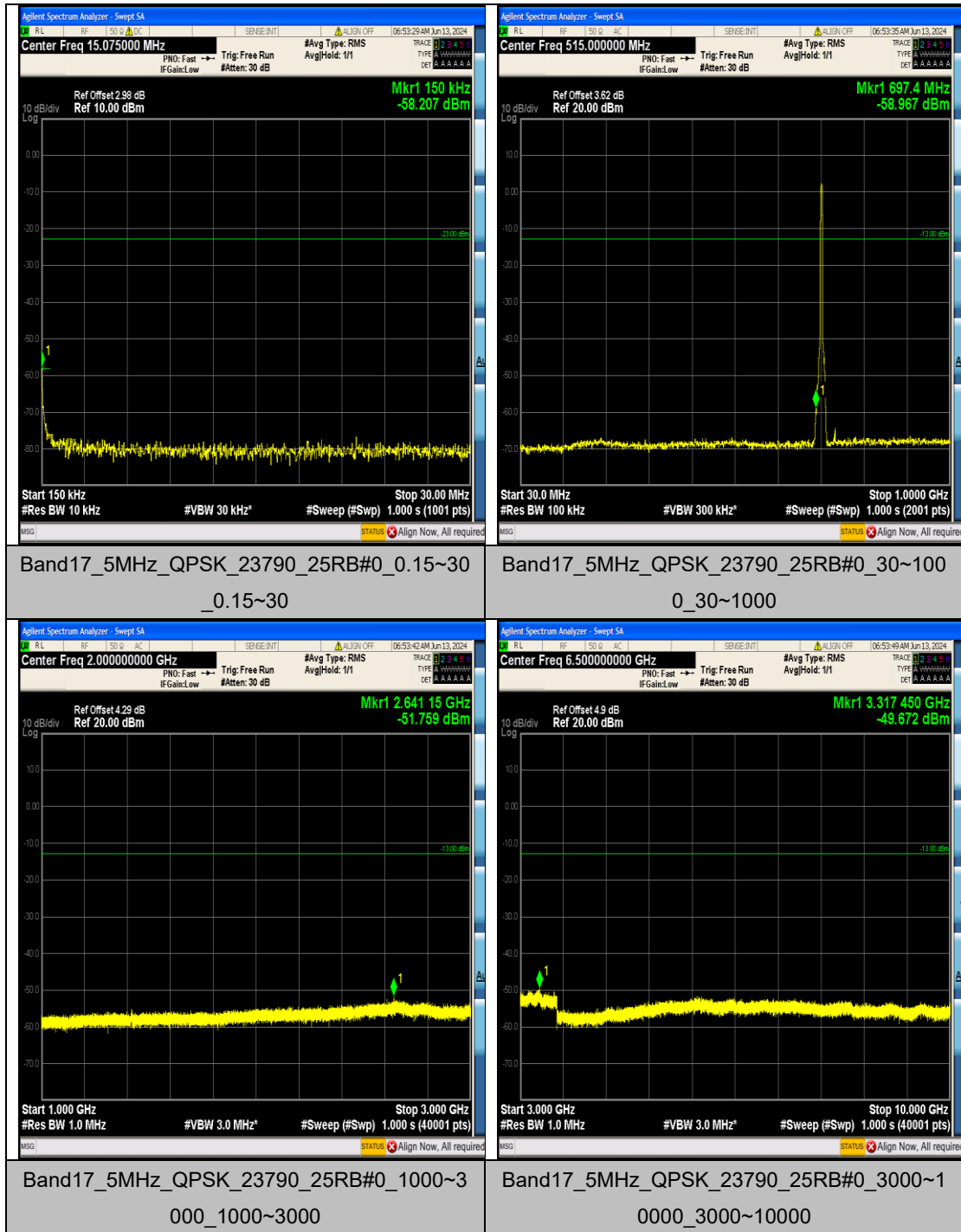
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	0.009~0.15	-49.20	PASS
Band17	5MHz	QPSK	23755	25RB#0	0.15~30	-56.11	PASS
Band17	5MHz	QPSK	23755	25RB#0	30~1000	-62.26	PASS
Band17	5MHz	QPSK	23755	25RB#0	1000~3000	-52.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	3000~10000	-49.75	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.009~0.15	-50.34	PASS
Band17	5MHz	QPSK	23790	25RB#0	0.15~30	-58.21	PASS
Band17	5MHz	QPSK	23790	25RB#0	30~1000	-58.97	PASS
Band17	5MHz	QPSK	23790	25RB#0	1000~3000	-51.76	PASS
Band17	5MHz	QPSK	23790	25RB#0	3000~10000	-49.67	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.009~0.15	-50.60	PASS
Band17	5MHz	QPSK	23825	25RB#0	0.15~30	-60.04	PASS
Band17	5MHz	QPSK	23825	25RB#0	30~1000	-57.87	PASS
Band17	5MHz	QPSK	23825	25RB#0	1000~3000	-52.58	PASS
Band17	5MHz	QPSK	23825	25RB#0	3000~10000	-49.01	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.009~0.15	-50.79	PASS
Band17	5MHz	16QAM	23755	25RB#0	0.15~30	-57.59	PASS
Band17	5MHz	16QAM	23755	25RB#0	30~1000	-63.46	PASS
Band17	5MHz	16QAM	23755	25RB#0	1000~3000	-52.66	PASS
Band17	5MHz	16QAM	23755	25RB#0	3000~10000	-49.44	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.009~0.15	-48.51	PASS
Band17	5MHz	16QAM	23790	25RB#0	0.15~30	-59.42	PASS
Band17	5MHz	16QAM	23790	25RB#0	30~1000	-61.30	PASS
Band17	5MHz	16QAM	23790	25RB#0	1000~3000	-52.54	PASS
Band17	5MHz	16QAM	23790	25RB#0	3000~10000	-49.95	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.009~0.15	-46.05	PASS
Band17	5MHz	16QAM	23825	25RB#0	0.15~30	-57.64	PASS
Band17	5MHz	16QAM	23825	25RB#0	30~1000	-59.47	PASS
Band17	5MHz	16QAM	23825	25RB#0	1000~3000	-52.71	PASS
Band17	5MHz	16QAM	23825	25RB#0	3000~10000	-49.36	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.009~0.15	-50.28	PASS
Band17	10MHz	QPSK	23780	50RB#0	0.15~30	-58.60	PASS
Band17	10MHz	QPSK	23780	50RB#0	30~1000	-66.70	PASS
Band17	10MHz	QPSK	23780	50RB#0	1000~3000	-52.59	PASS
Band17	10MHz	QPSK	23780	50RB#0	3000~10000	-50.00	PASS
Band17	10MHz	QPSK	23790	50RB#0	0.009~0.15	-49.59	PASS

Band17	10MHz	QPSK	23790	50RB#0	0.15~30	-57.93	PASS
Band17	10MHz	QPSK	23790	50RB#0	30~1000	-66.64	PASS
Band17	10MHz	QPSK	23790	50RB#0	1000~3000	-52.62	PASS
Band17	10MHz	QPSK	23790	50RB#0	3000~10000	-49.89	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.009~0.15	-47.66	PASS
Band17	10MHz	QPSK	23800	50RB#0	0.15~30	-58.61	PASS
Band17	10MHz	QPSK	23800	50RB#0	30~1000	-66.79	PASS
Band17	10MHz	QPSK	23800	50RB#0	1000~3000	-52.50	PASS
Band17	10MHz	QPSK	23800	50RB#0	3000~10000	-49.38	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.009~0.15	-49.00	PASS
Band17	10MHz	16QAM	23780	50RB#0	0.15~30	-60.94	PASS
Band17	10MHz	16QAM	23780	50RB#0	30~1000	-66.59	PASS
Band17	10MHz	16QAM	23780	50RB#0	1000~3000	-52.58	PASS
Band17	10MHz	16QAM	23780	50RB#0	3000~10000	-49.70	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.009~0.15	-46.22	PASS
Band17	10MHz	16QAM	23790	50RB#0	0.15~30	-58.74	PASS
Band17	10MHz	16QAM	23790	50RB#0	30~1000	-66.62	PASS
Band17	10MHz	16QAM	23790	50RB#0	1000~3000	-52.61	PASS
Band17	10MHz	16QAM	23790	50RB#0	3000~10000	-49.87	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.009~0.15	-48.39	PASS
Band17	10MHz	16QAM	23800	50RB#0	0.15~30	-57.37	PASS
Band17	10MHz	16QAM	23800	50RB#0	30~1000	-66.72	PASS
Band17	10MHz	16QAM	23800	50RB#0	1000~3000	-52.66	PASS
Band17	10MHz	16QAM	23800	50RB#0	3000~10000	-49.71	PASS

Test Graphs







Band17_5MHz_QPSK_23790_25RB#0_0.15~30
_0.15~30

Band17_5MHz_QPSK_23790_25RB#0_30~100
0_30~1000

Band17_5MHz_QPSK_23790_25RB#0_1000~3
000_1000~3000

Band17_5MHz_QPSK_23790_25RB#0_3000~1
0000_3000~10000

