Appendix J: Test Data for E-UTRA Band 17

Product Name: Tablet

Test Model: 10LB4

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

J.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.26	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.03	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.26	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.76	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.95	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.78	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.26	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.28	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.25	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.28	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.28	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.45	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.20	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.40	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.05	PASS
Band17	5MHz	16QAM	23790	1RB#0	21.83	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.02	PASS
Band17	5MHz	16QAM	23790	1RB#12	21.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.01	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.75	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.18	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.30	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.18	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.30	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.37	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.34	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.04	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.45	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.99	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.48	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.00	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.52	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.97	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.40	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.14	PASS

Band17	5MHz	16QAM	23825	12RB#0	21.40	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.29	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.40	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.17	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.51	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.30	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.52	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.82	PASS
Band17	10MHz	16QAM	23780	1RB#0	21.74	PASS
Band17	10MHz	QPSK	23780	1RB#24	22.66	PASS
Band17	10MHz	16QAM	23780	1RB#24	21.79	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.70	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.74	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.05	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.01	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.05	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.01	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.07	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.08	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.87	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.26	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.06	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.07	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.08	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.03	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.94	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.02	PASS
Band17	10MHz	QPSK	23790	25RB#0	21.92	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.22	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.93	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.26	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.02	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.20	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.94	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.17	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.92	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.78	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.72	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.09	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.75	PASS

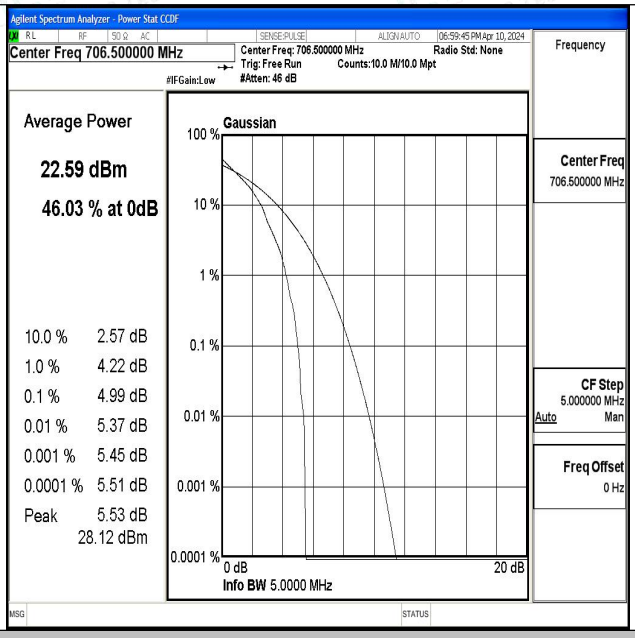
Band17	10MHz	16QAM	23800	1RB#49	22.22	PASS
Band17	10MHz	QPSK	23800	25RB#0	21.79	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.19	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.00	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.22	PASS
Band17	10MHz	QPSK	23800	25RB#25	21.98	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.28	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.90	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.23	PASS

J.2 Peak-to-Average Ratio(CCDF)

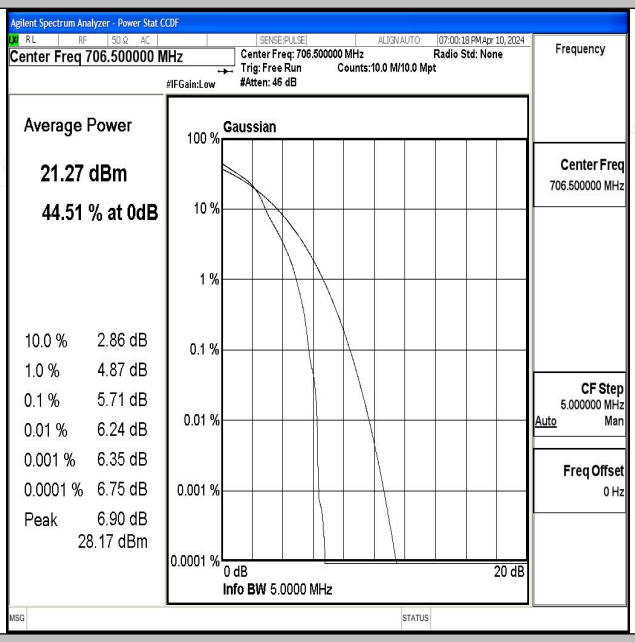
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.99	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.71	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.54	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.19	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.95	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.67	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.48	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.11	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.76	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.42	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.30	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.95	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.94	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.63	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.48	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.19	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.69	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.46	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.44	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.15	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.79	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.56	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.39	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.12	13	PASS

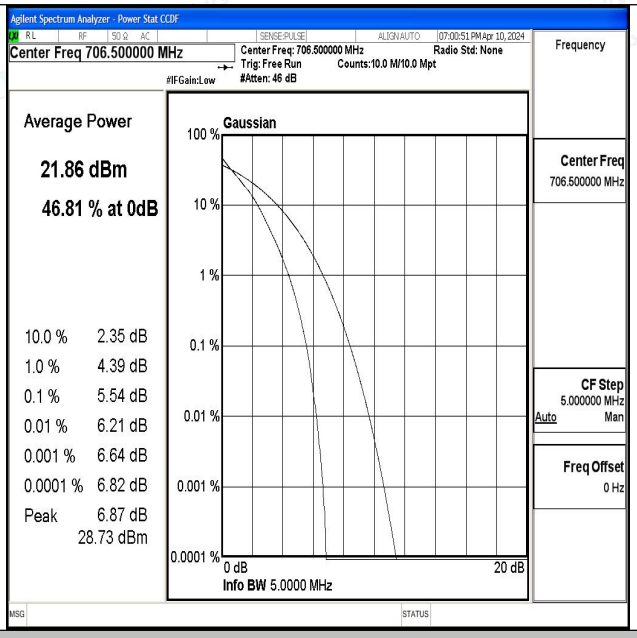
Test Graphs



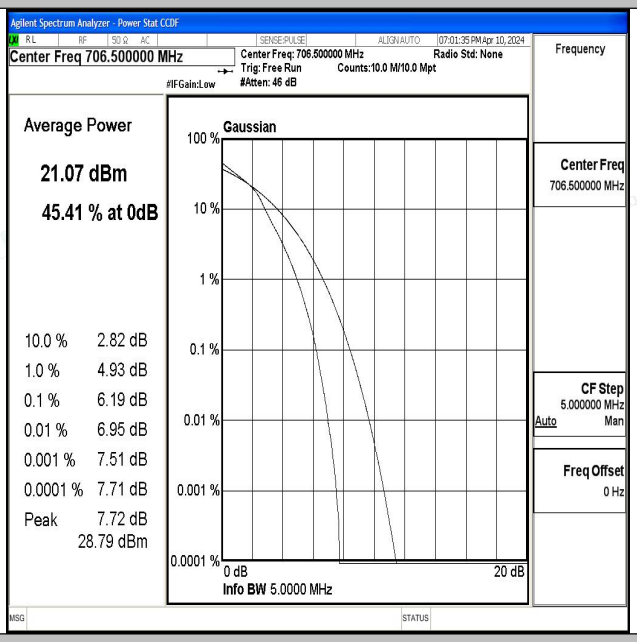
Band17-5MHz-QPSK-23755-1RB#0-PASS



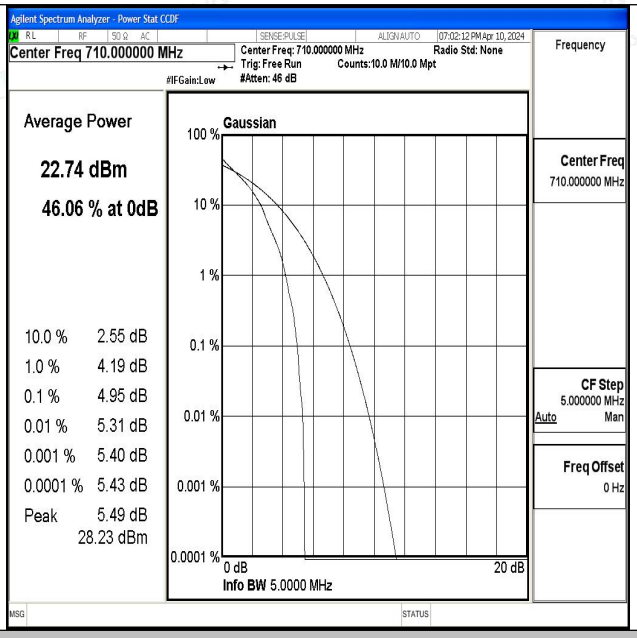
Band17-5MHz-16QAM-23755-1RB#0-PASS



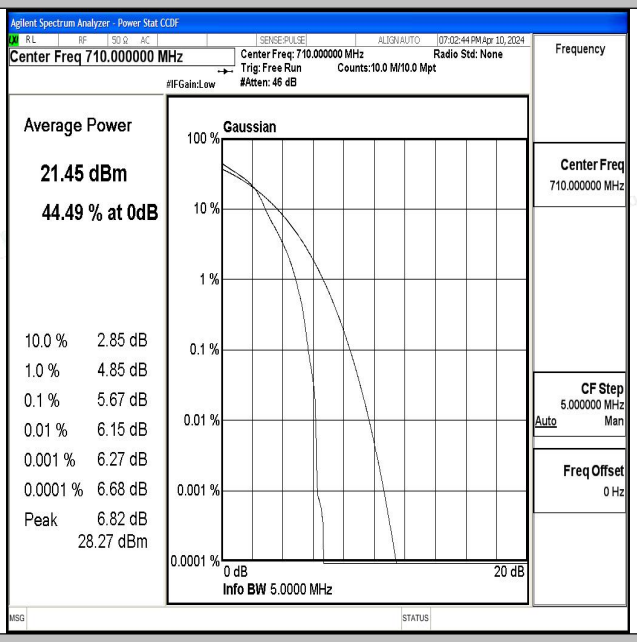
Band17-5MHz-QPSK-23755-25RB#0-PASS



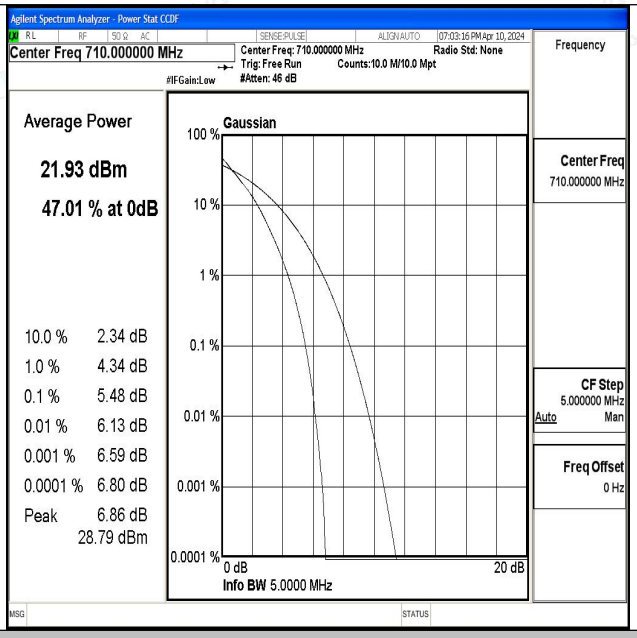
Band17-5MHz-16QAM-23755-25RB#0-PASS



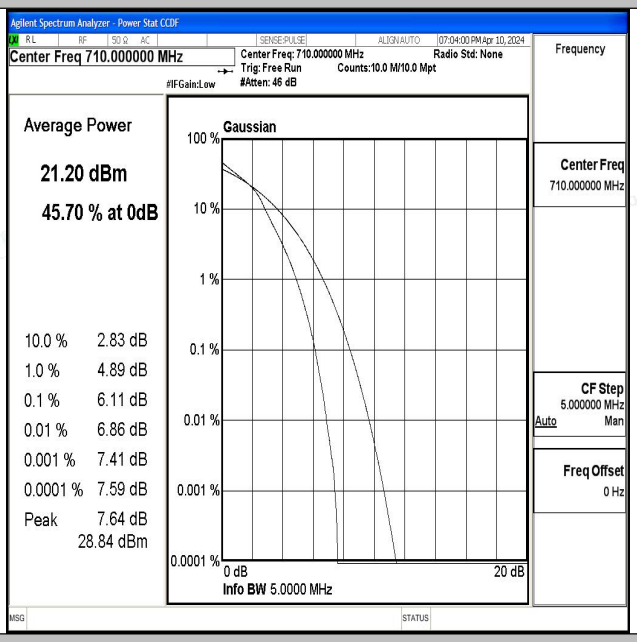
Band17-5MHz-QPSK-23790-1RB#0-PASS



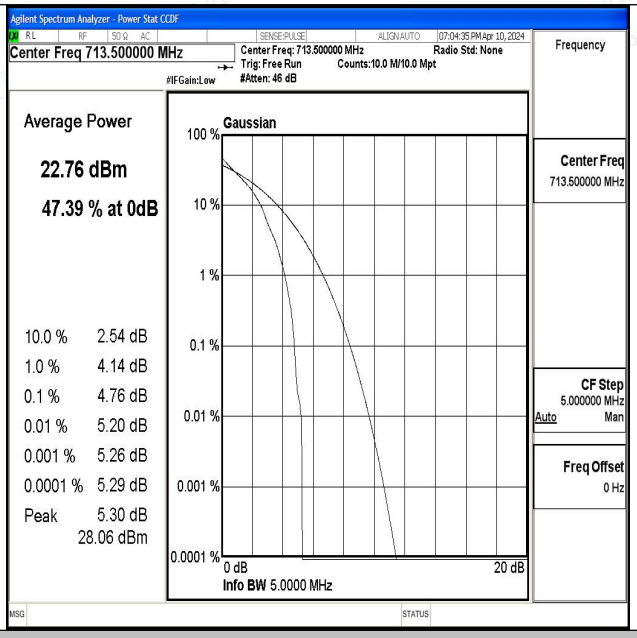
Band17-5MHz-16QAM-23790-1RB#0-PASS



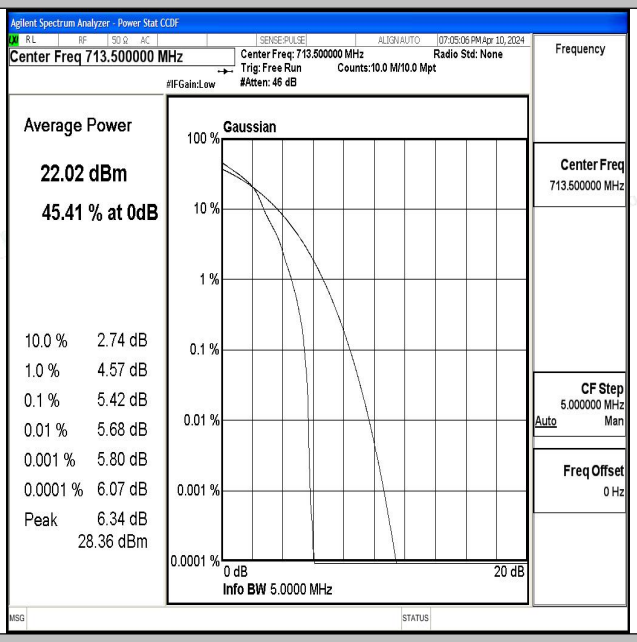
Band17-5MHz-QPSK-23790-25RB#0-PASS



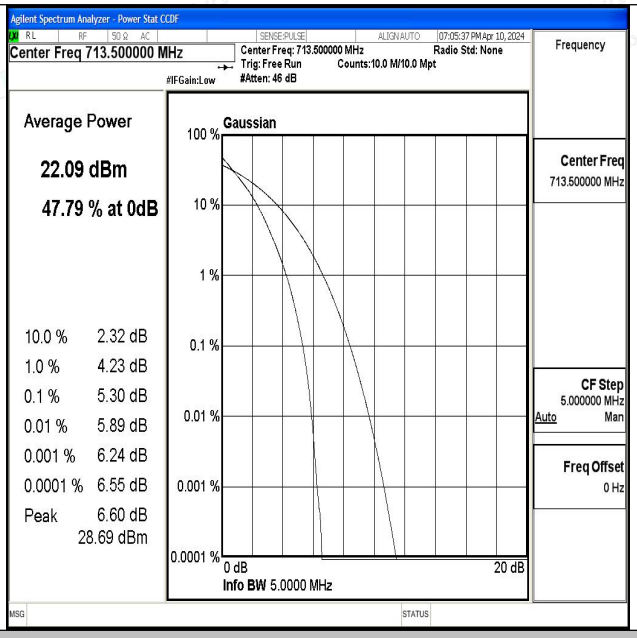
Band17-5MHz-16QAM-23790-25RB#0-PASS



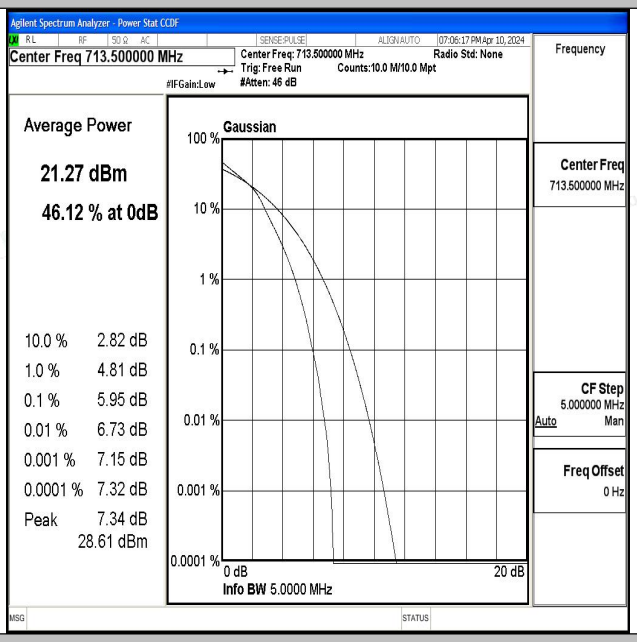
Band17-5MHz-QPSK-23825-1RB#0-PASS



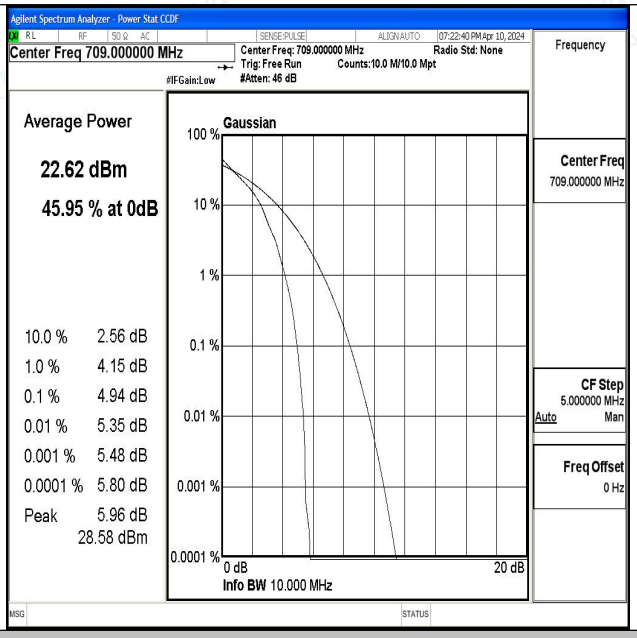
Band17-5MHz-16QAM-23825-1RB#0-PASS



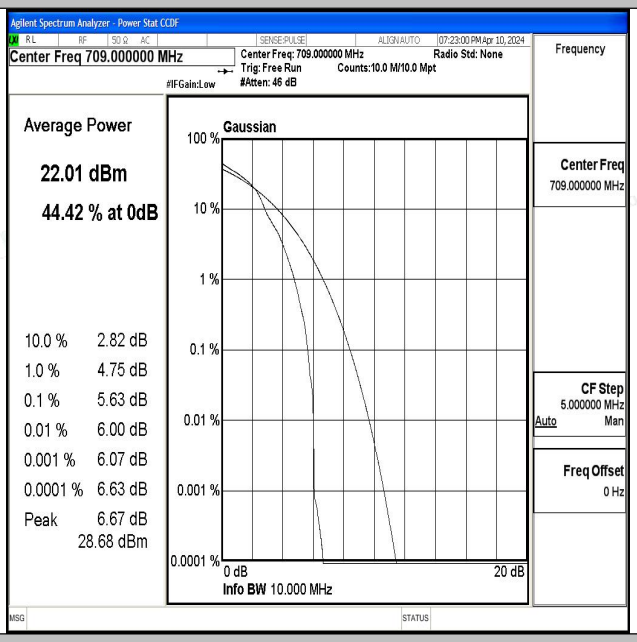
Band17-5MHz-QPSK-23825-25RB#0-PASS



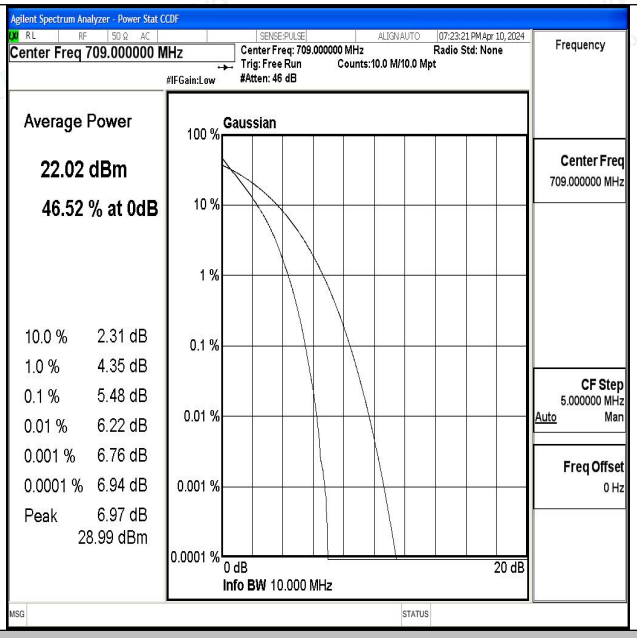
Band17-5MHz-16QAM-23825-25RB#0-PASS



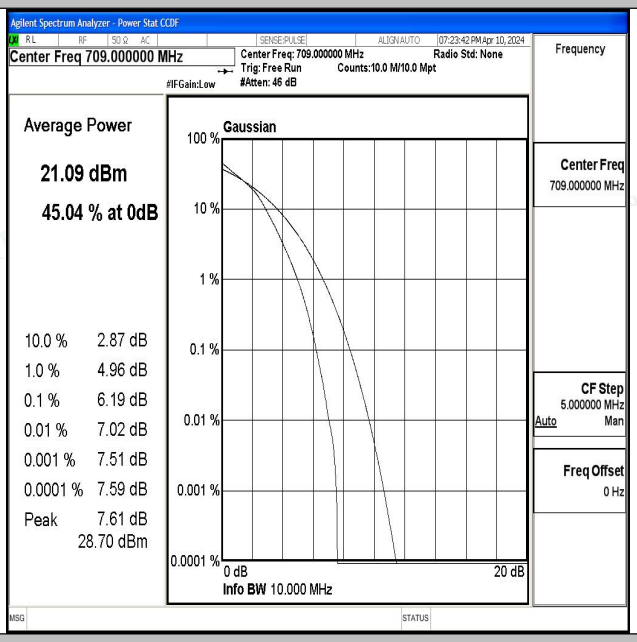
Band17-10MHz-QPSK-23780-1RB#0-PASS



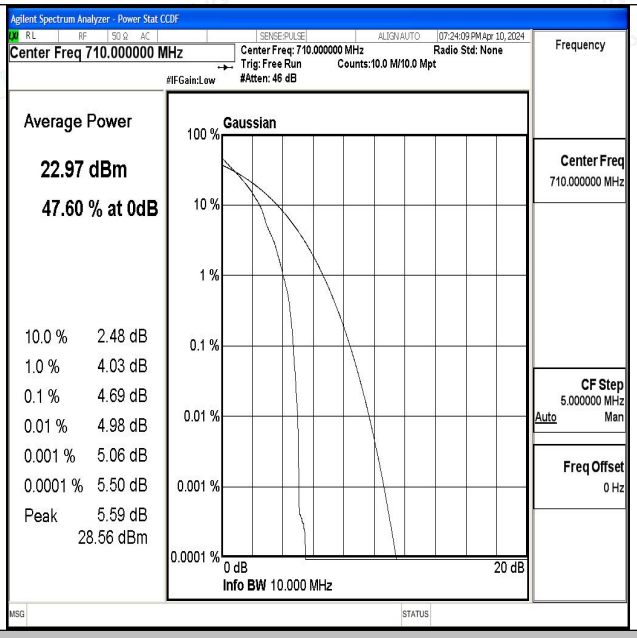
Band17-10MHz-16QAM-23780-1RB#0-PASS



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



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



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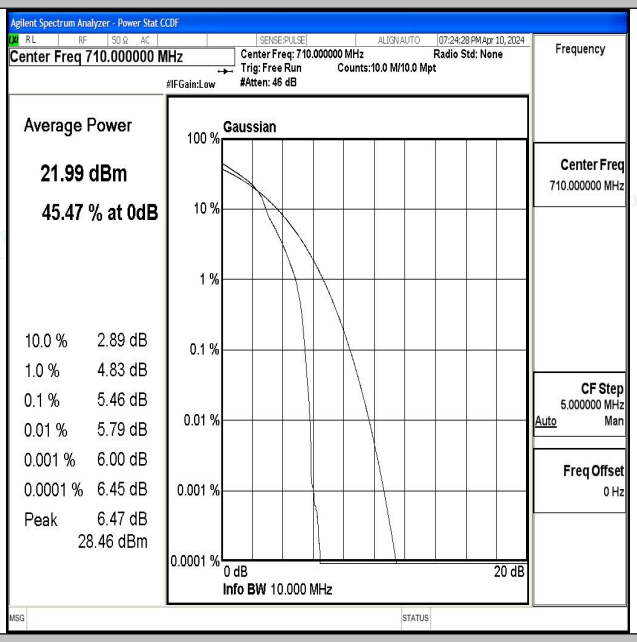
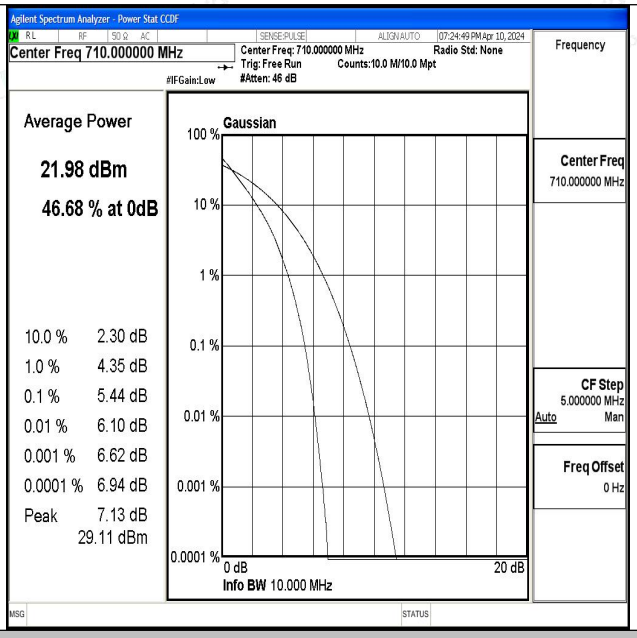
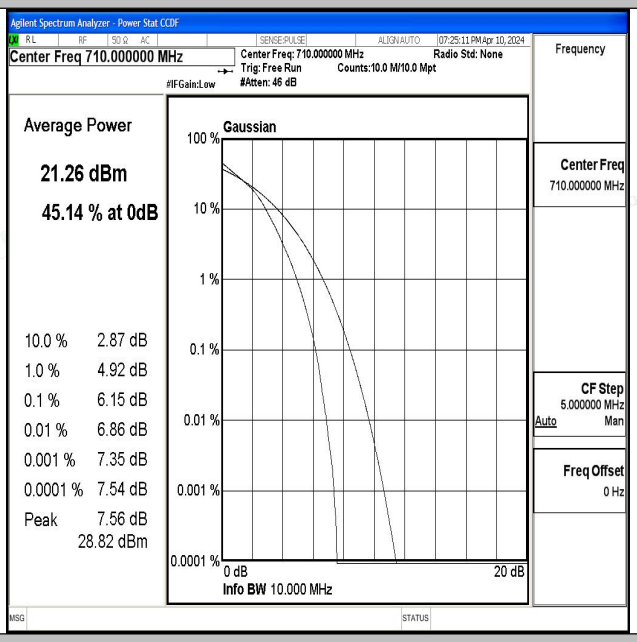


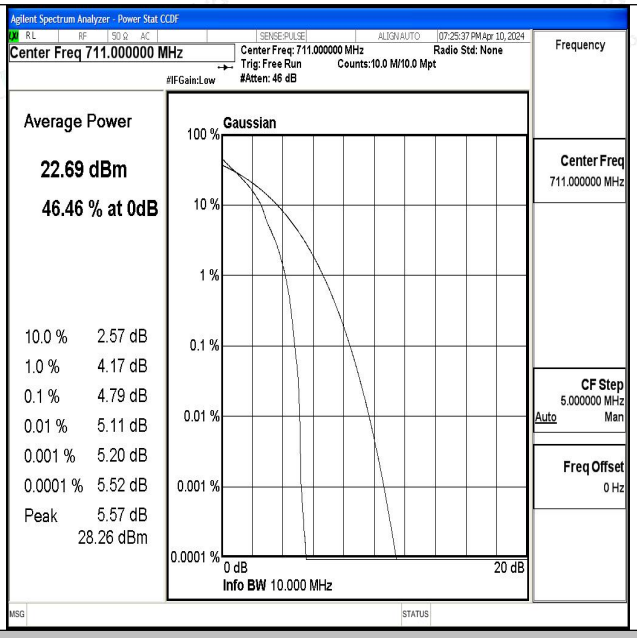
Band17-10MHz-16QAM-23790-1RB#0-PASS



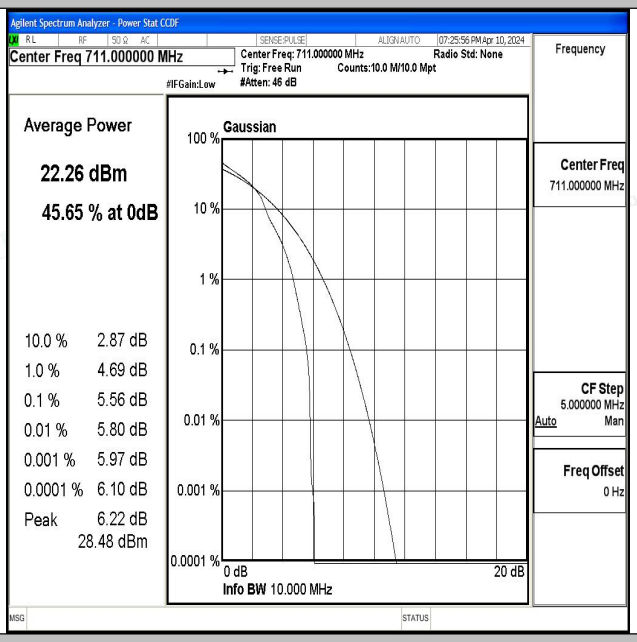
Band17-10MHz-QPSK-23790-50RB#0-PASS



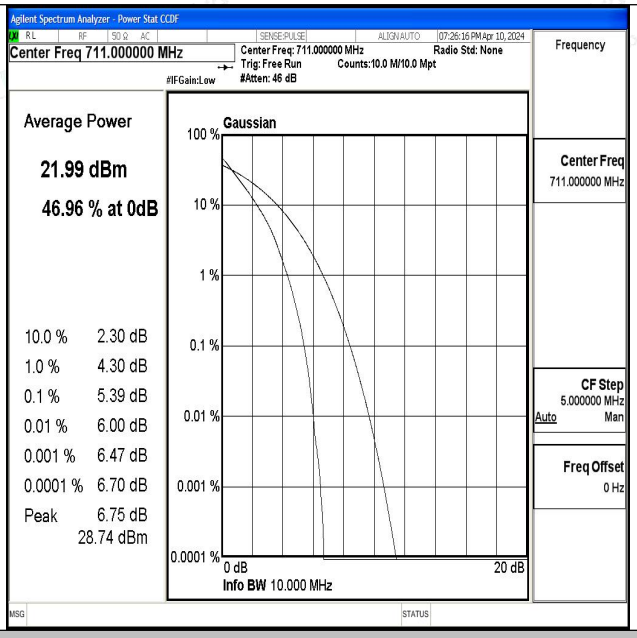
Band17-10MHz-16QAM-23790-50RB#0-PASS



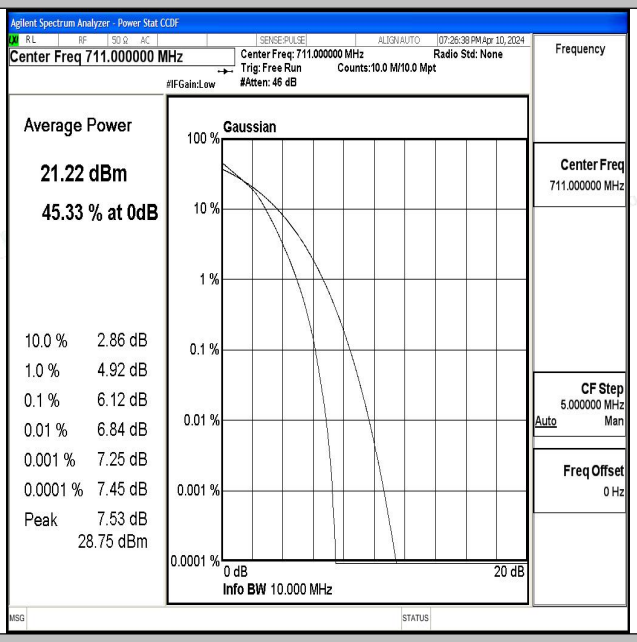
Band17-10MHz-QPSK-23800-1RB#0-PASS



Band17-10MHz-16QAM-23800-1RB#0-PASS



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



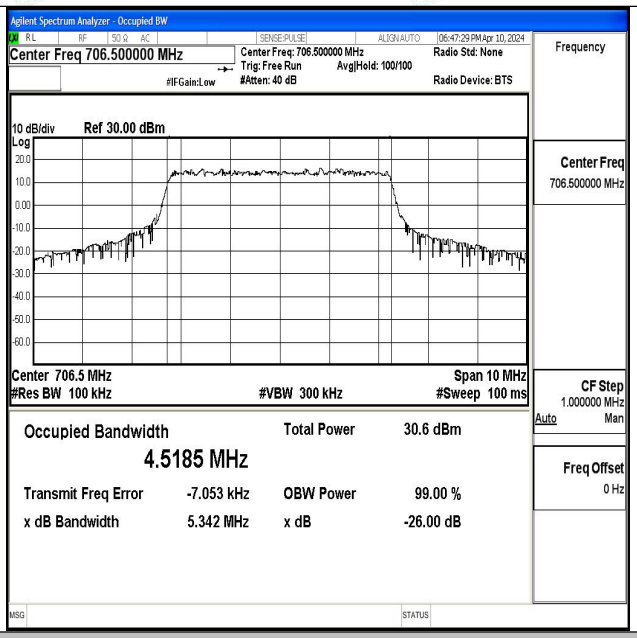
Band17-10MHz-16QAM-23800-50RB#0-PASS

J.3 26dB Bandwidth and Occupied Bandwidth

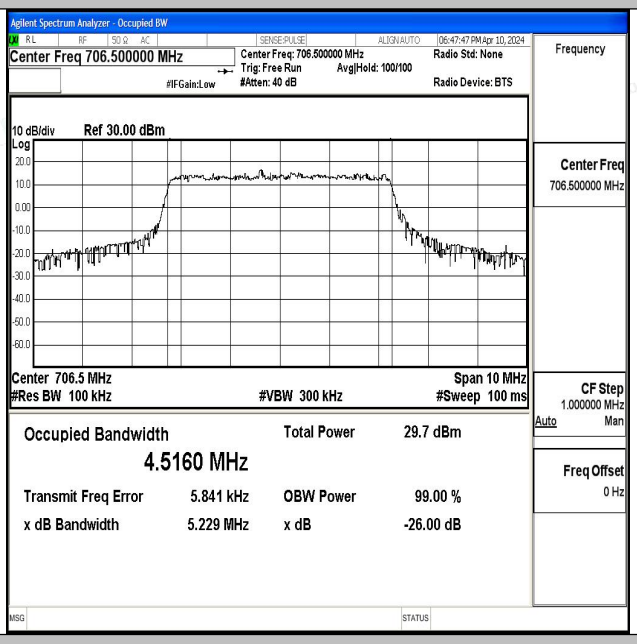
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5185	5.342	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5160	5.229	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5122	5.266	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5190	5.223	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5130	5.499	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5170	5.282	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9878	10.01	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9910	10.10	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0076	10.06	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0156	10.05	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9640	9.945	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9739	10.09	PASS

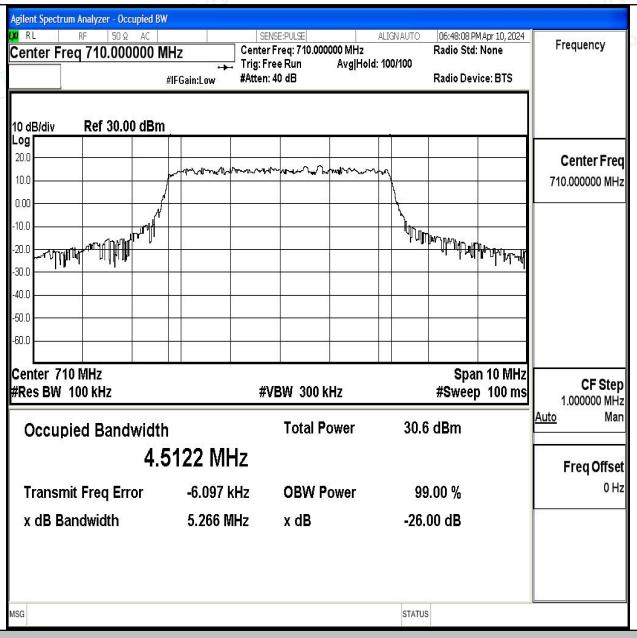
Test Graphs



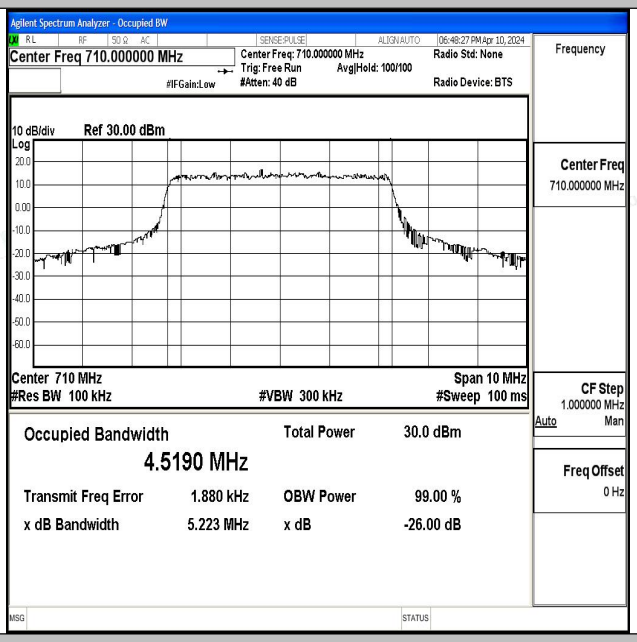
Band17-5MHz-QPSK-23755-25RB#0-PASS



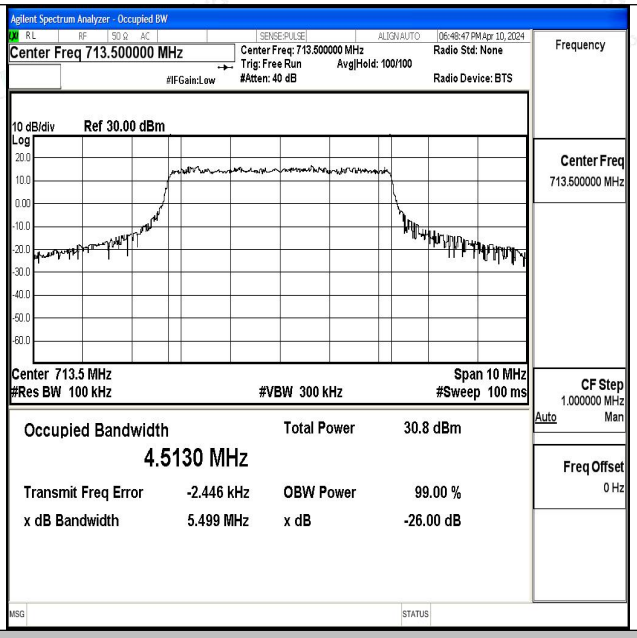
Band17-5MHz-16QAM-23755-25RB#0-PASS



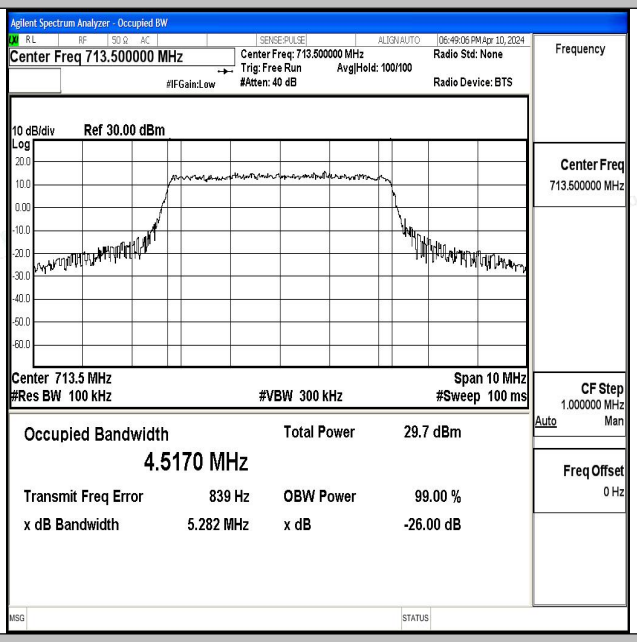
Band17-5MHz-QPSK-23790-25RB#0-PASS



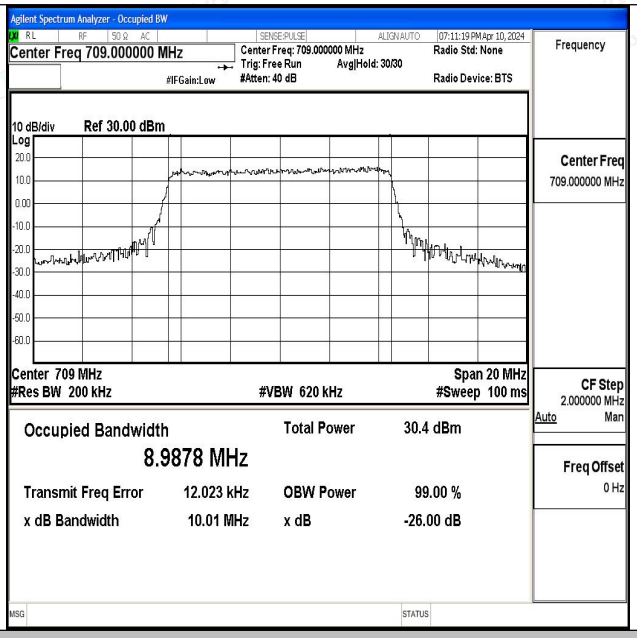
Band17-5MHz-16QAM-23790-25RB#0-PASS



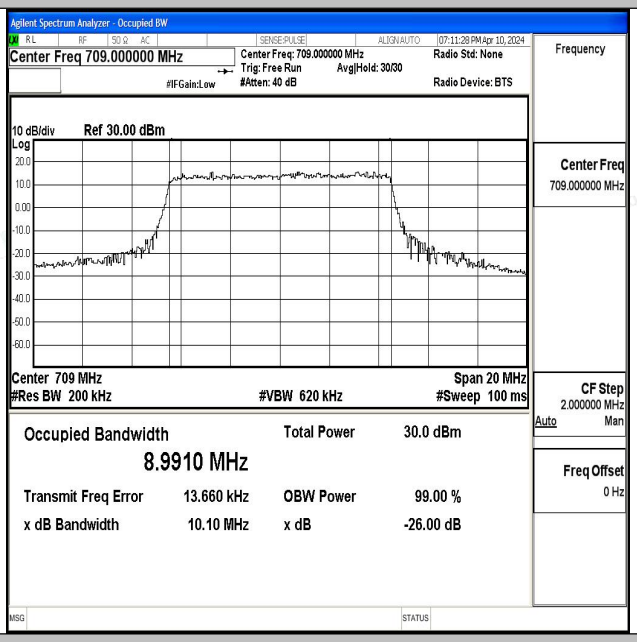
Band17-5MHz-QPSK-23825-25RB#0-PASS



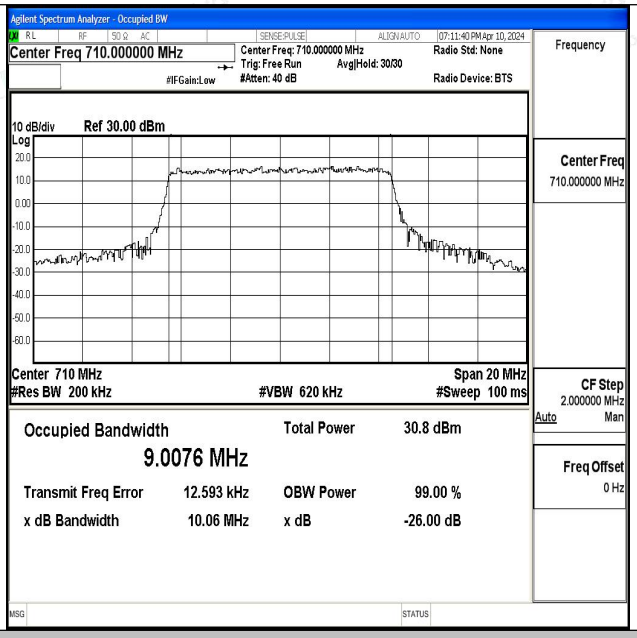
Band17-5MHz-16QAM-23825-25RB#0-PASS



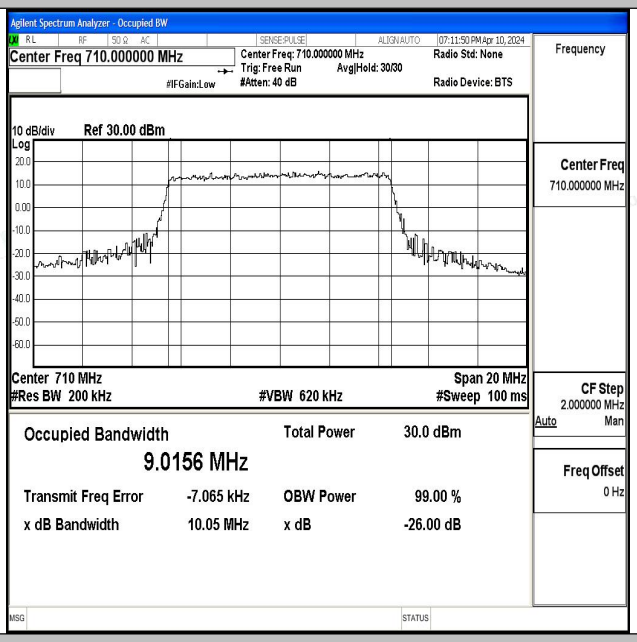
Band17-10MHz-QPSK-23780-50RB#0-PASS



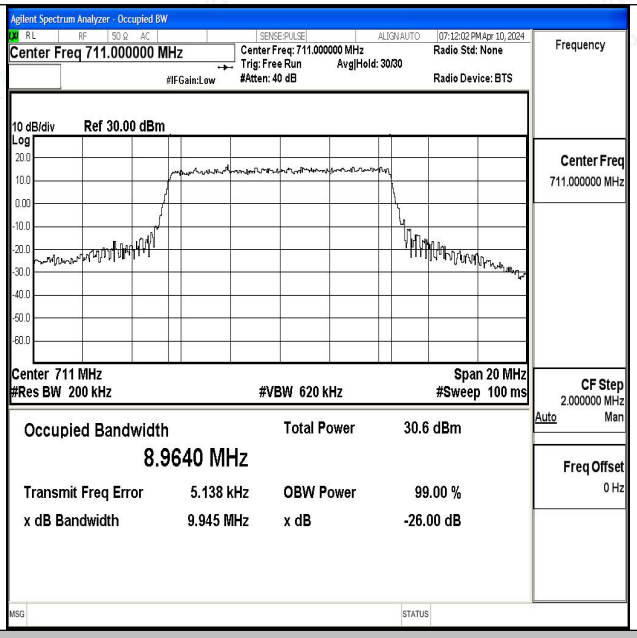
Band17-10MHz-16QAM-23780-50RB#0-PASS



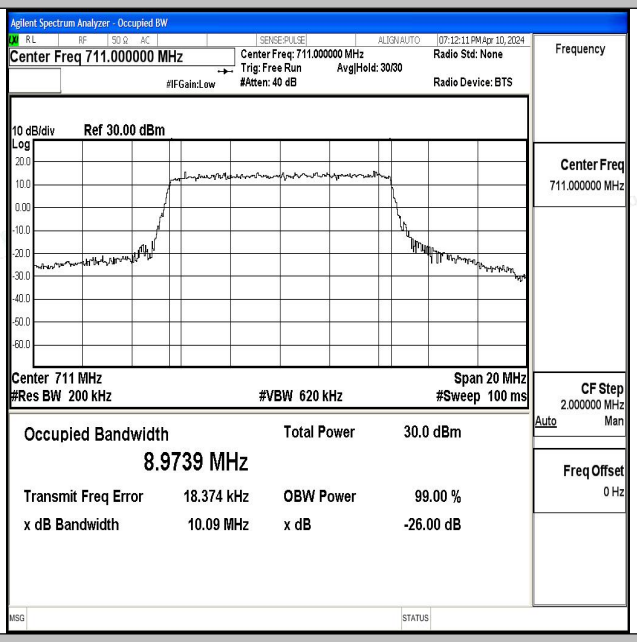
Band17-10MHz-QPSK-23790-50RB#0-PASS



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



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



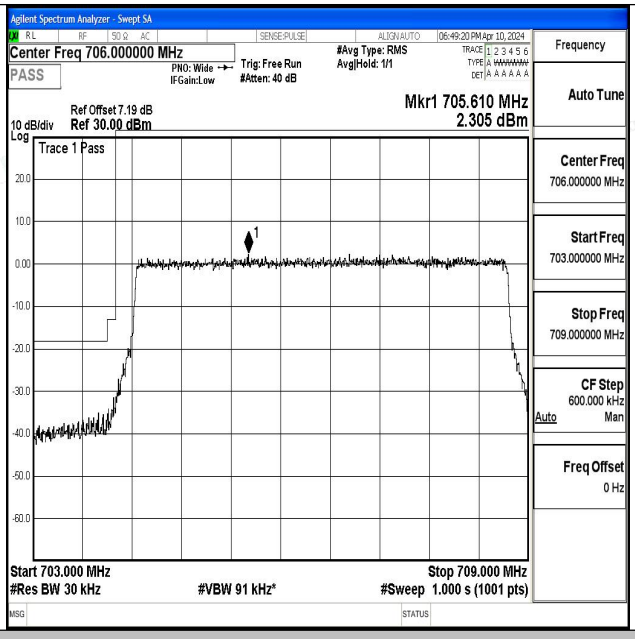
Band17-10MHz-16QAM-23800-50RB#0-PASS

J.4 Band Edge

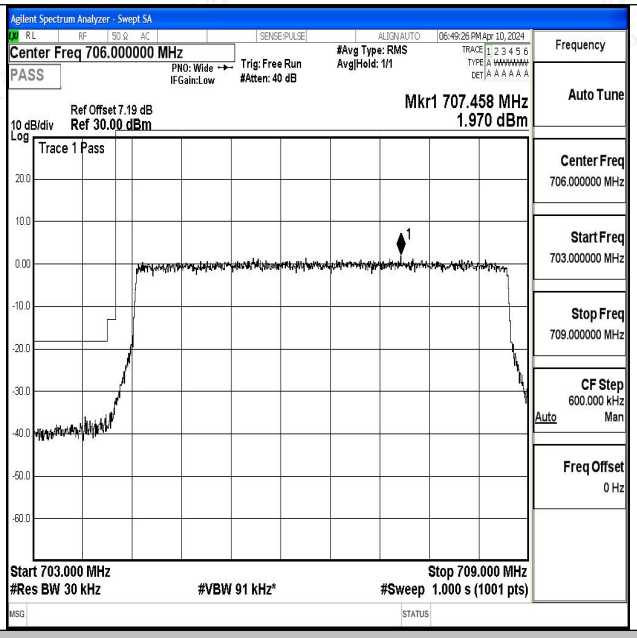
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	703.80	-35.17	PASS
Band17	5MHz	16QAM	23755	25RB#0	703.89	-35.53	PASS
Band17	5MHz	QPSK	23825	25RB#0	716.11	-35.50	PASS
Band17	5MHz	16QAM	23825	25RB#0	716.13	-34.30	PASS
Band17	10MHz	QPSK	23780	50RB#0	703.88	-38.63	PASS
Band17	10MHz	16QAM	23780	50RB#0	703.62	-40.00	PASS
Band17	10MHz	QPSK	23800	50RB#0	716.12	-38.67	PASS
Band17	10MHz	16QAM	23800	50RB#0	716.14	-39.78	PASS

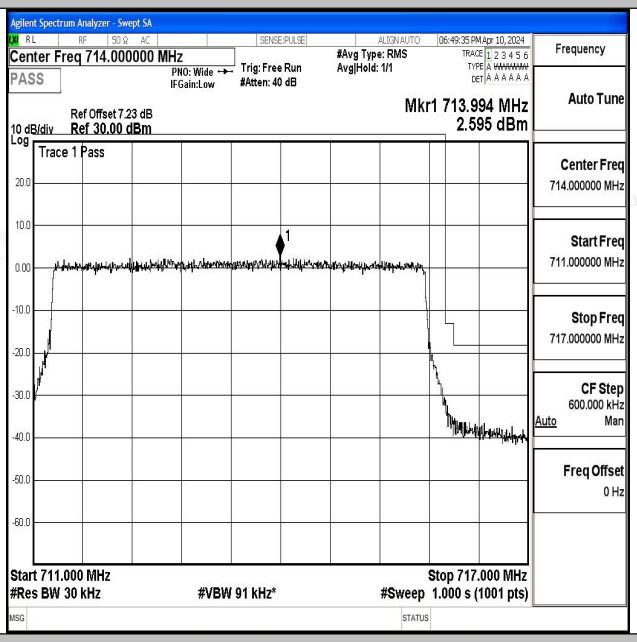
Test Graphs



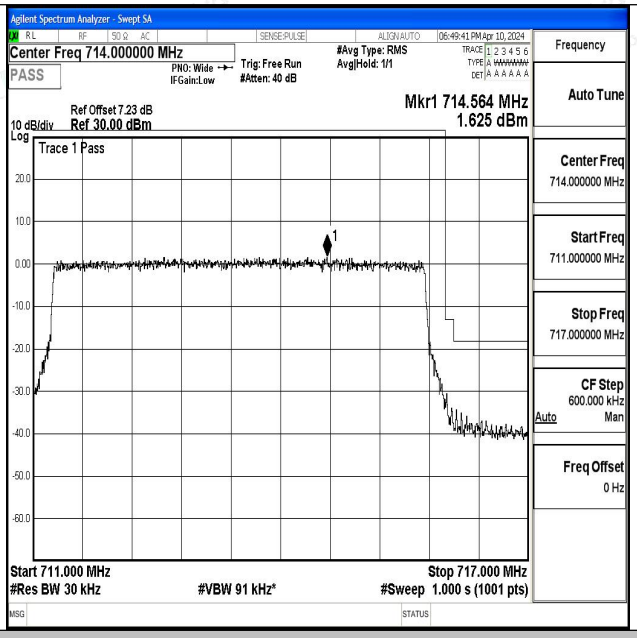
Band17_5MHz_QPSK_23755_25RB#0



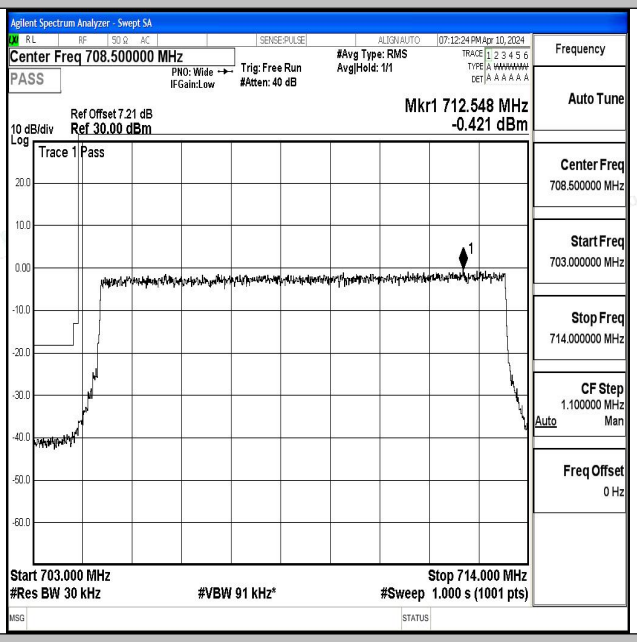
Band17_5MHz_16QAM_23755_25RB#0



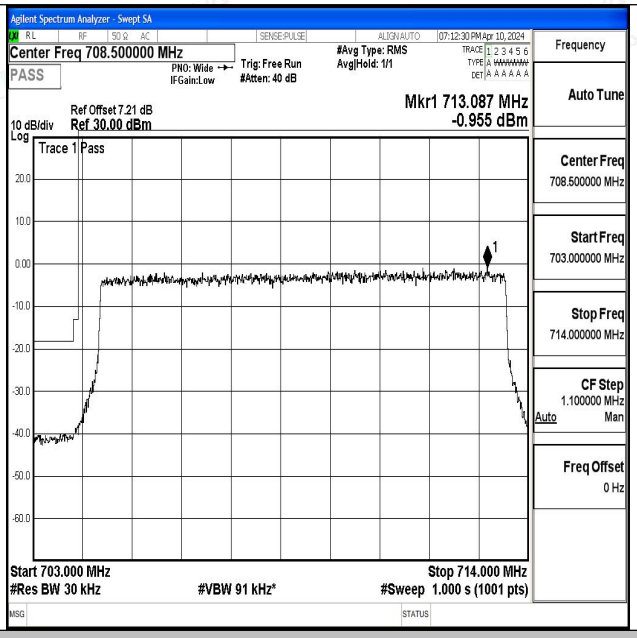
Band17_5MHz_QPSK_23825_25RB#0



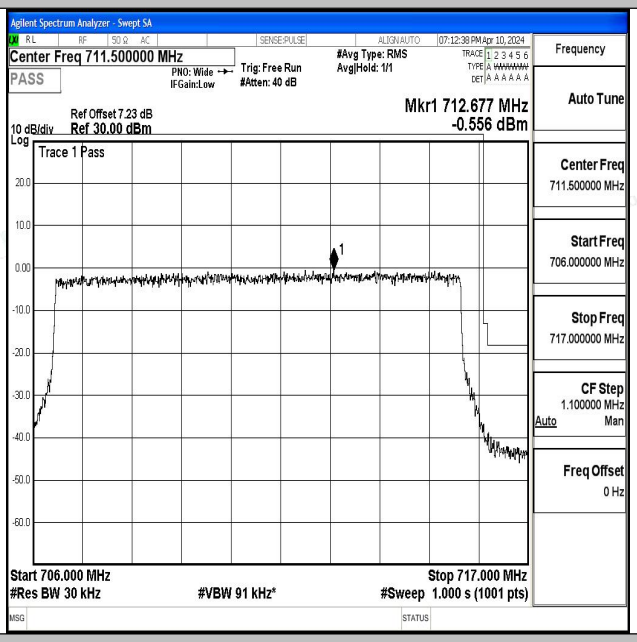
Band17_5MHz_16QAM_23825_25RB#0



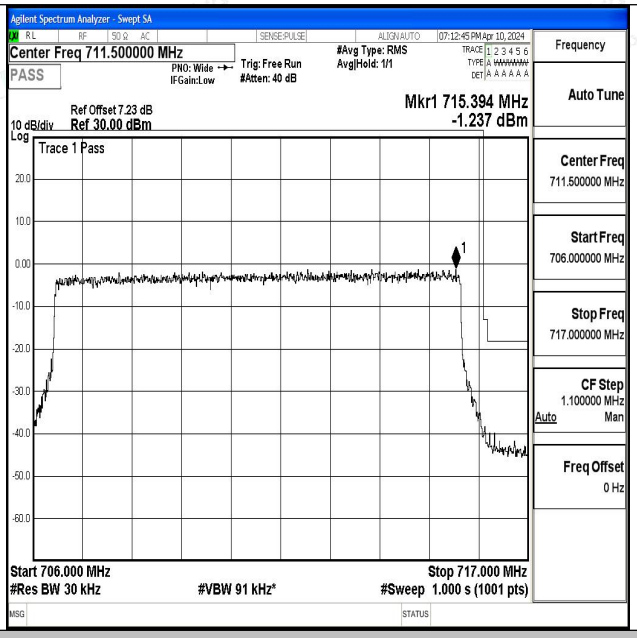
Band17_10MHz_QPSK_23780_50RB#0



Band17_10MHz_16QAM_23780_50RB#0



Band17_10MHz_QPSK_23800_50RB#0



Band17_10MHz_16QAM_23800_50RB#0

J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-58.61	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-52.44	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-59.97	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-39.40	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-44.23	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-57.32	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-53.25	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-59.80	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-40.20	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-43.85	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-57.64	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-49.89	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-60.82	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-38.08	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-44.17	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-55.18	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-53.00	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-60.57	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-38.23	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-44.16	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-54.28	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-50.73	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-59.68	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-38.01	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-44.05	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-56.09	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-52.36	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-59.40	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-38.99	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-44.00	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-55.45	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-53.33	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-61.89	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-40.58	PASS

Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-44.29	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-53.26	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-51.69	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000	-61.93	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	-39.78	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	-44.34	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-57.72	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-53.83	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-61.70	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-40.24	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-44.43	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	-57.81	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	-53.10	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	-61.91	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	-40.67	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	-43.49	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-58.48	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-53.05	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-62.20	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-39.31	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-43.92	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	-59.75	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	-50.99	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	-62.27	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	-40.25	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	-43.63	PASS