Appendix for LTE Band 17

Product Name: Tablet
Model No: MDT665

Appendix A: Average Power Output 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	22.17	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.21	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.17	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.15	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.11	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.16	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.18	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.14	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.22	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.25	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.21	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.25	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.30	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.06	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.20	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.13	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.23	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.94	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.13	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.12	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.14	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.12	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.16	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.12	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.10	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.11	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.17	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.05	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.05	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.13	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.13	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.97	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.98	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.17	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.25	PASS

Band17	5MHz	QPSK	23825	12RB#6	22.23	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.21	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.13	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.25	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.19	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.30	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.31	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.35	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.24	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.28	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.04	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.11	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.23	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.19	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.13	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.24	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.14	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.11	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.10	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.15	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.25	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.21	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.34	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.13	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.11	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.03	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.10	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.21	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.16	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.23	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.06	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.13	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.09	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.17	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.26	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.06	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.26	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.00	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.06	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.87	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.15	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.27	PASS

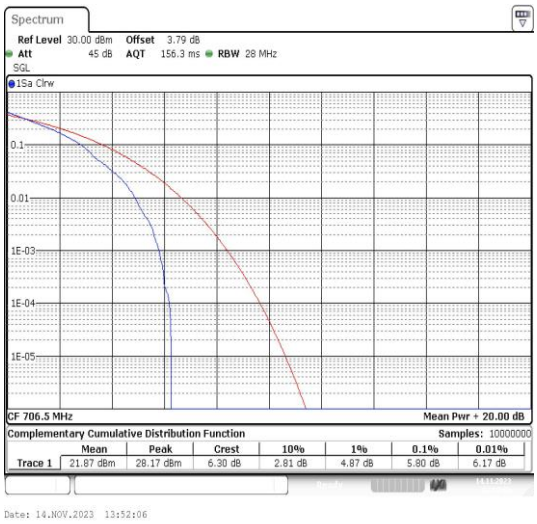
Band17	10MHz	QPSK	23800	25RB#12	22.17	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.25	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.12	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.23	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.15	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.18	PASS

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

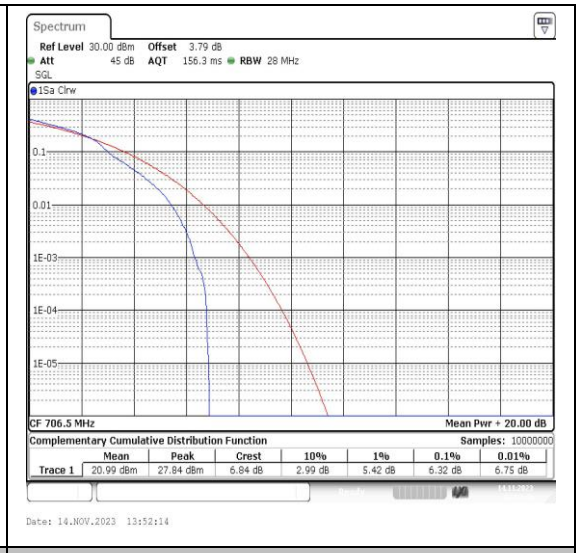
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.80	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	6.32	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	6.14	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.84	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.57	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	6.26	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.88	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.61	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.07	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.74	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.62	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.41	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	6.20	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.49	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.91	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.67	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	5.59	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	6.35	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	7.13	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.99	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	6.06	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	6.67	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.80	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.61	13	PASS

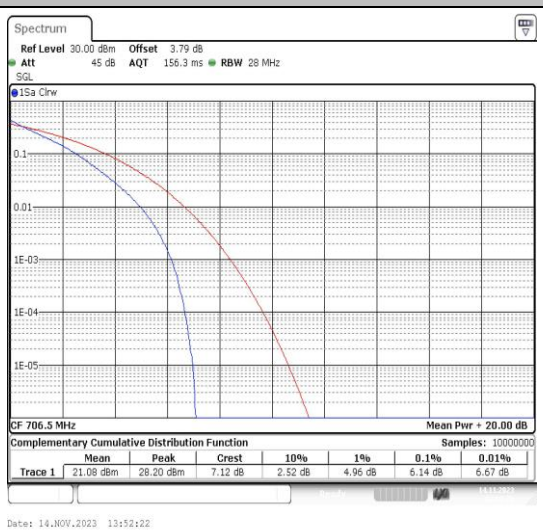
Test Graphs



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



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



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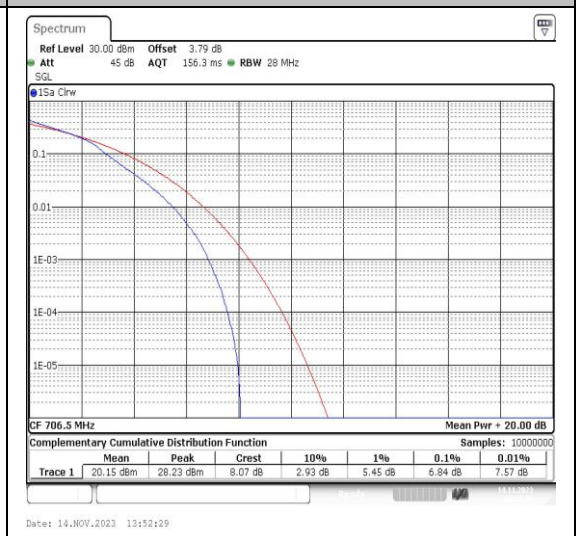

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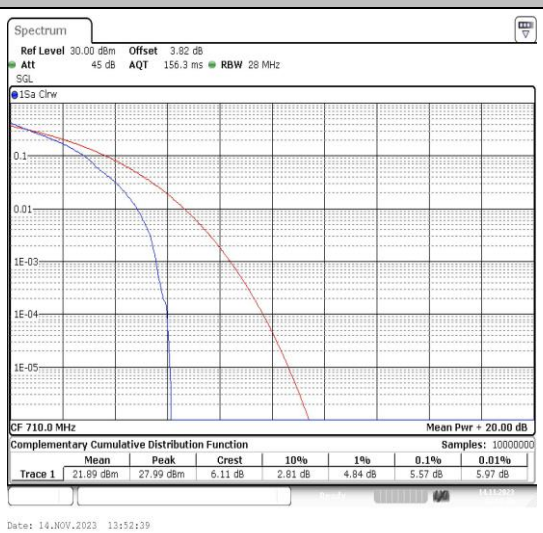
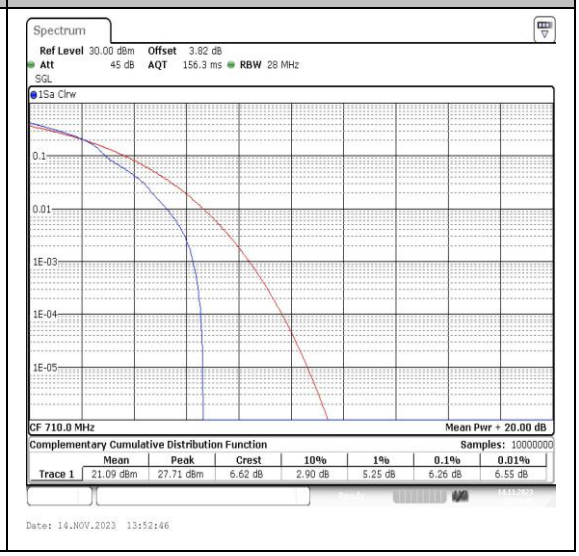
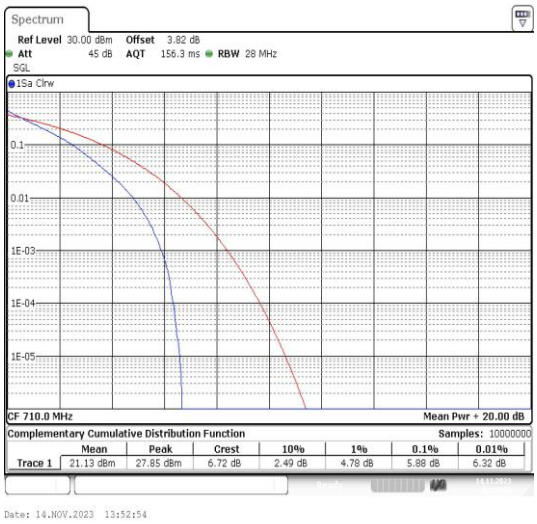
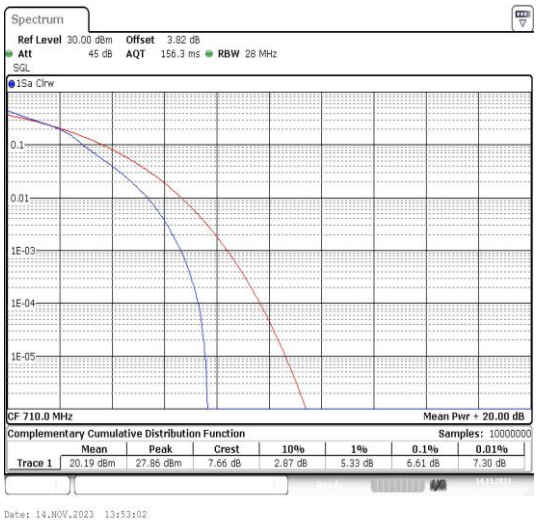




Band17-5MHz-QPSK-23790-1RB#0-PASS



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



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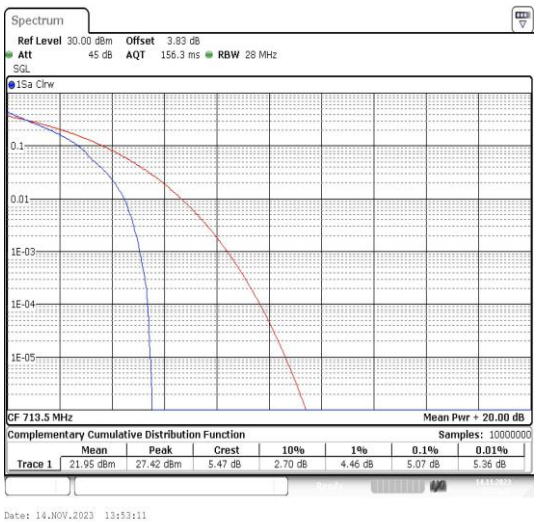
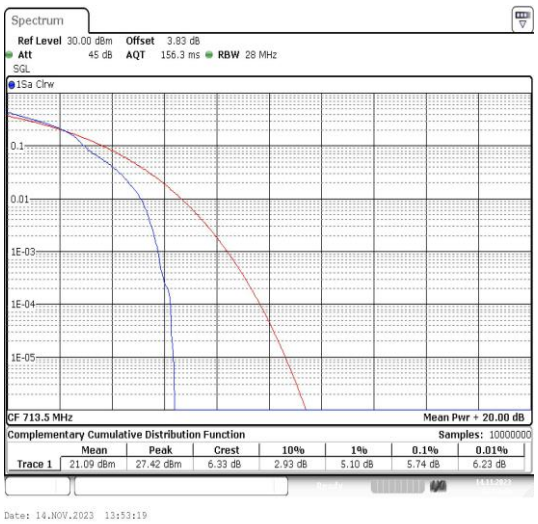
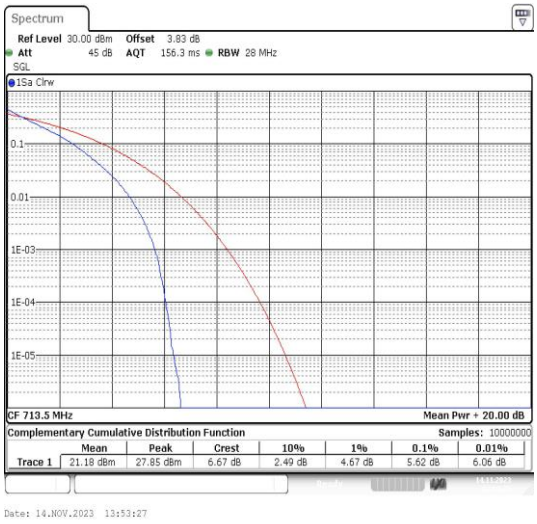


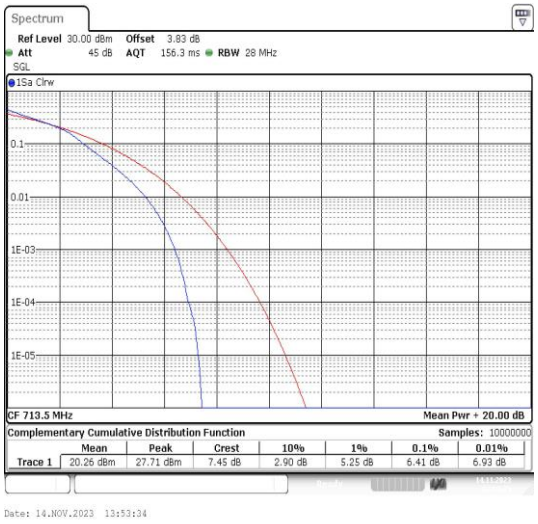
Band17-5MHz-16QAM-23790-25RB#0-PASS



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

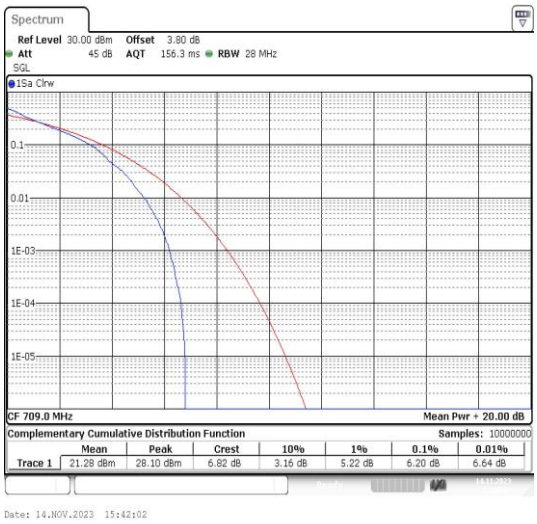


Band17-5MHz-16QAM-23825-1RB#0-PASS

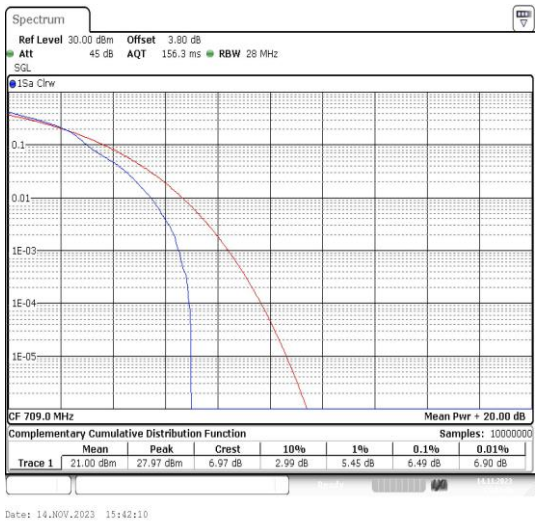


Band17-5MHz-QPSK-23825-25RB#0-PASS

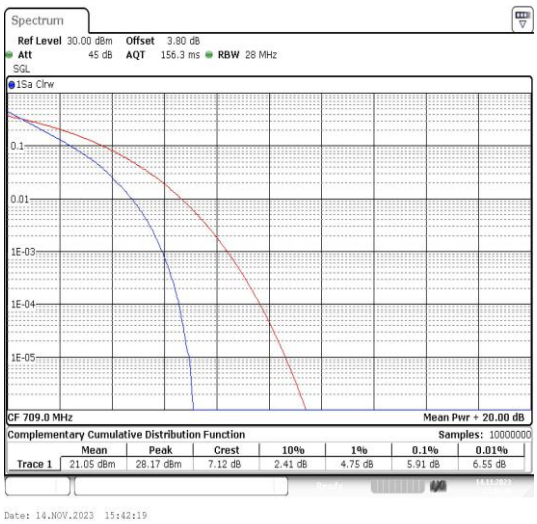
Band17-5MHz-16QAM-23825-25RB#0-PASS



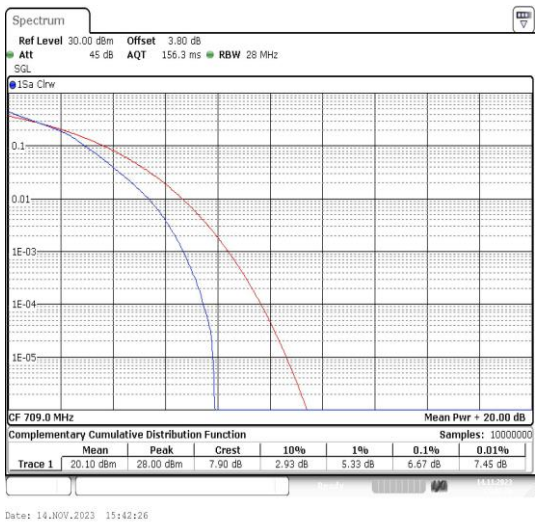
Band17-10MHz-QPSK-23780-1RB#0-PASS



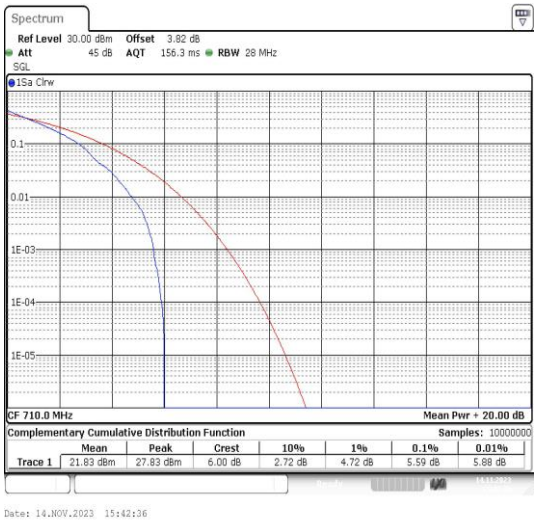
Band17-10MHz-16QAM-23780-1RB#0-PASS



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



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



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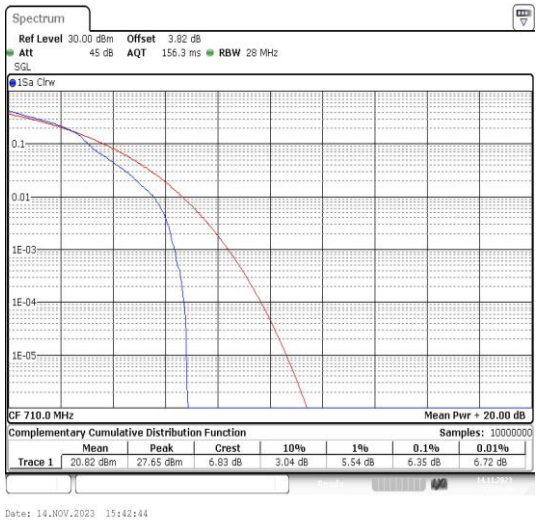
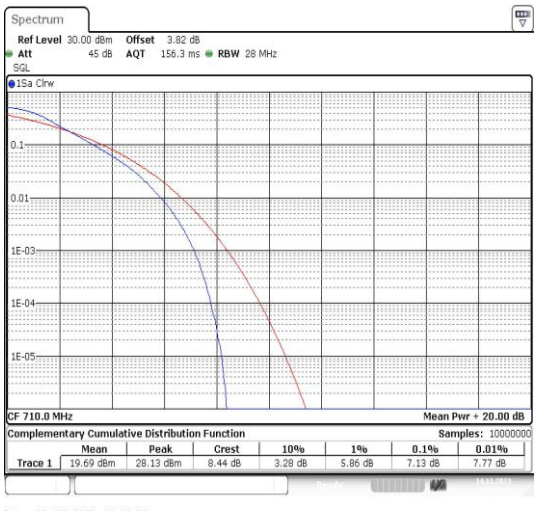
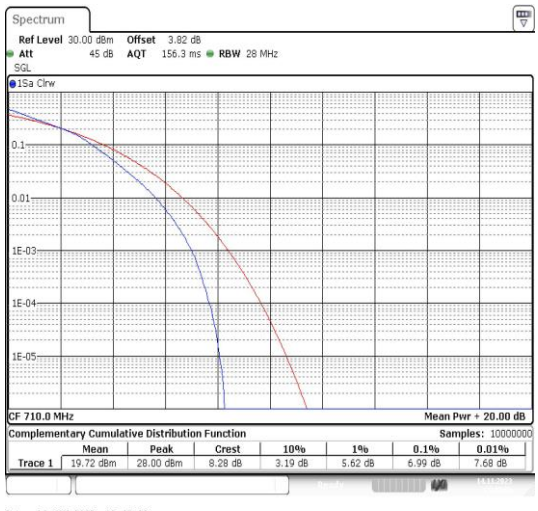


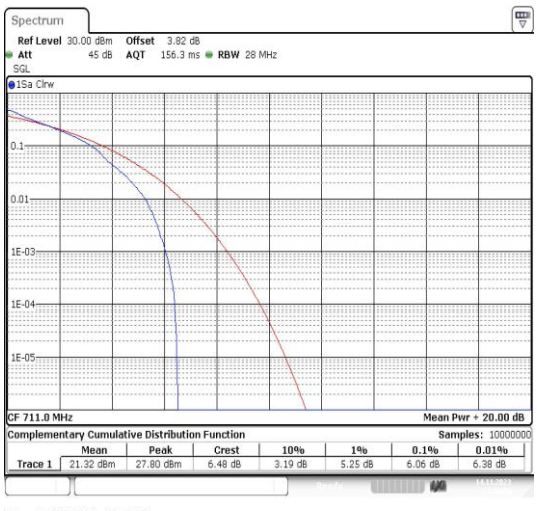
Band17-10MHz-16QAM-23790-1RB#0-PASS



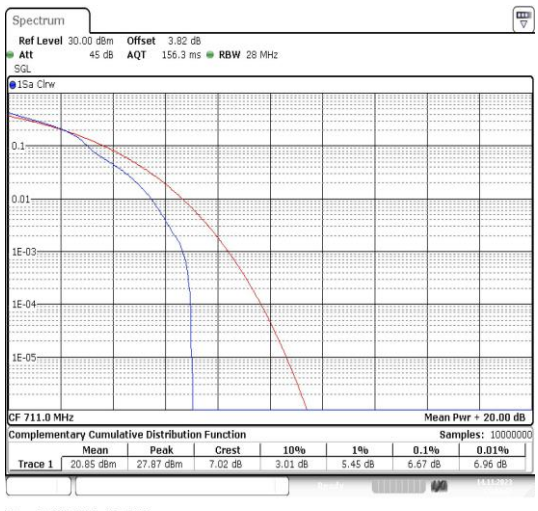
Band17-10MHz-QPSK-23790-50RB#0-PASS



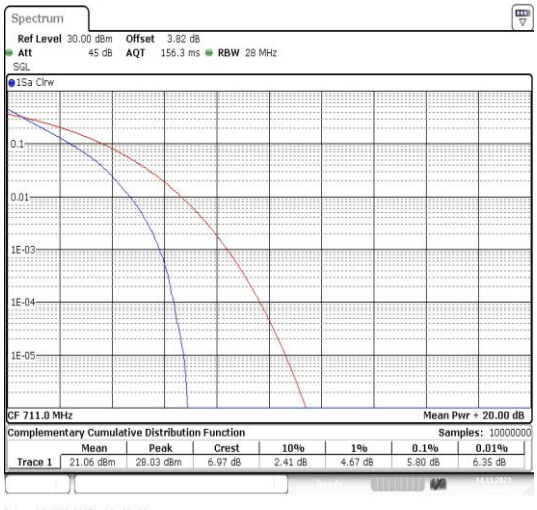
Band17-10MHz-16QAM-23790-50RB#0-PASS



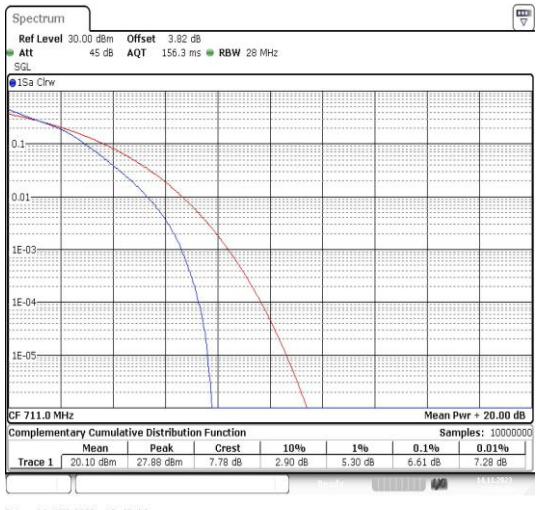
Band17-10MHz-QPSK-23800-1RB#0-PASS



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



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



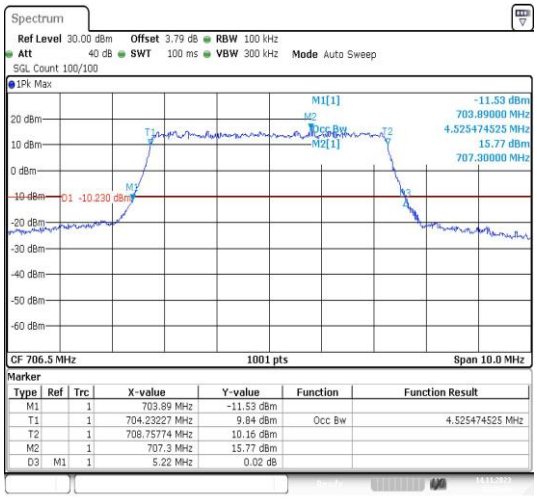
Band17-10MHz-16QAM-23800-50RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

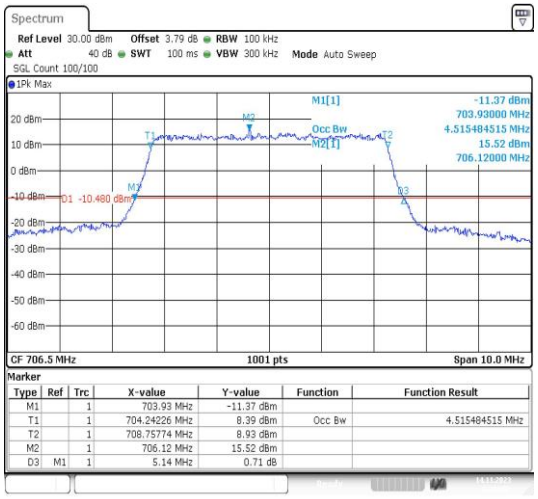
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.525	5.22	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.515	5.14	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.515	5.19	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.525	5.21	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.515	5.19	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.535	5.25	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.018	10.17	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.985	10.13	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.018	10.23	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.018	10.13	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.952	10.10	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.985	10.13	PASS

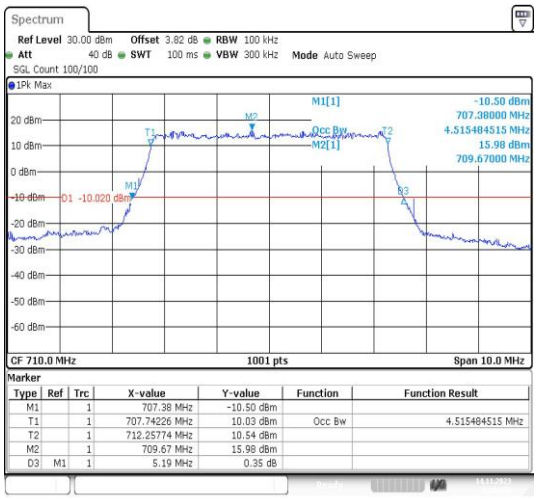
Test Graphs



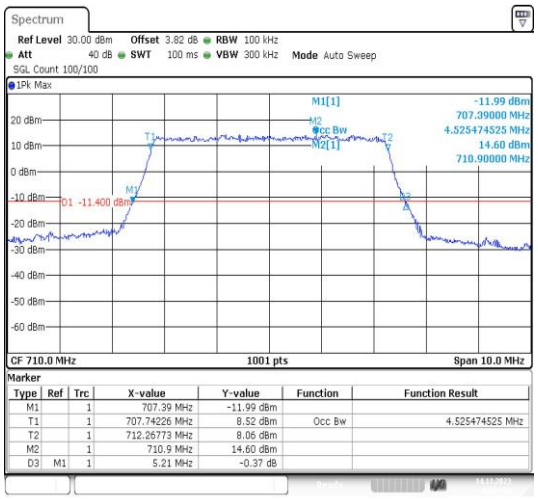
Band17-5MHz-QPSK-23755-25RB#0-PASS



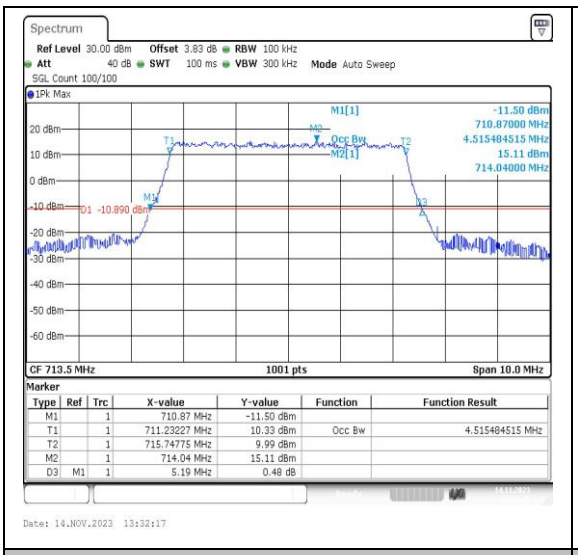
Band17-5MHz-16QAM-23755-25RB#0-PASS



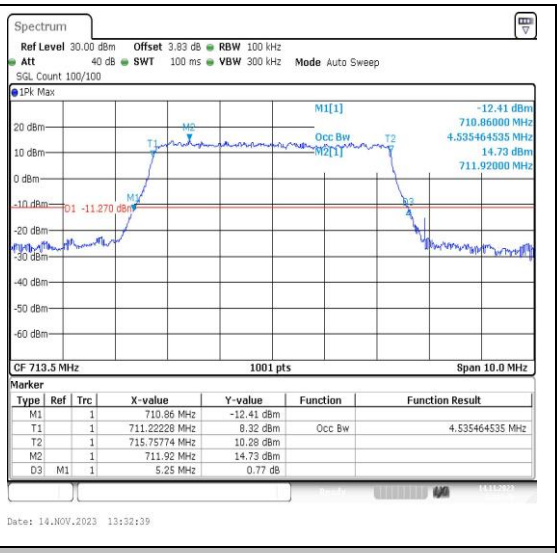
Band17-5MHz-QPSK-23790-25RB#0-PASS



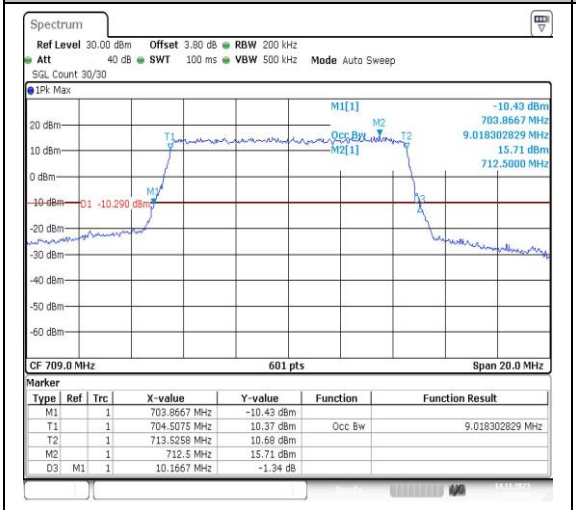
Band17-5MHz-16QAM-23790-25RB#0-PASS



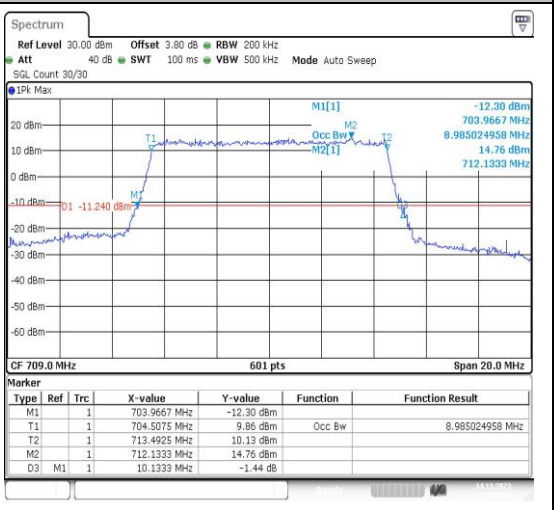
Band17-5MHz-QPSK-23825-25RB#0-PASS



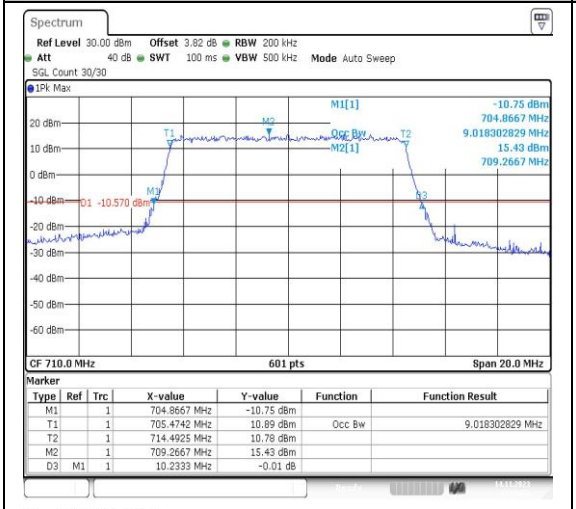
Band17-5MHz-16QAM-23825-25RB#0-PASS



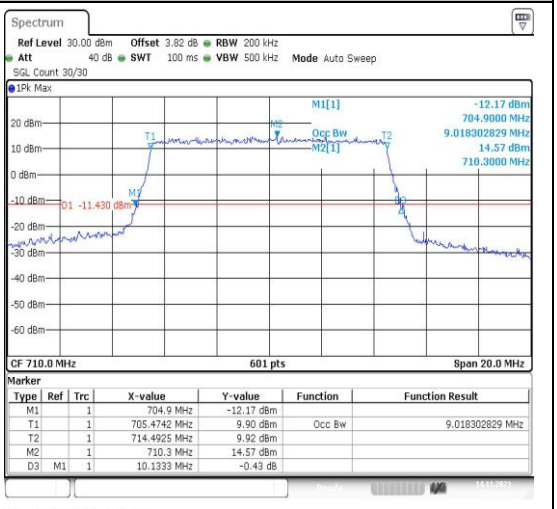
Band17-10MHz-QPSK-23780-50RB#0-PASS



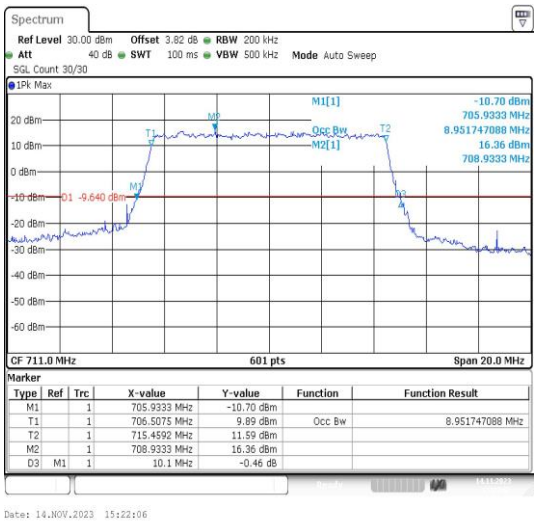
Band17-10MHz-16QAM-23780-50RB#0-PASS



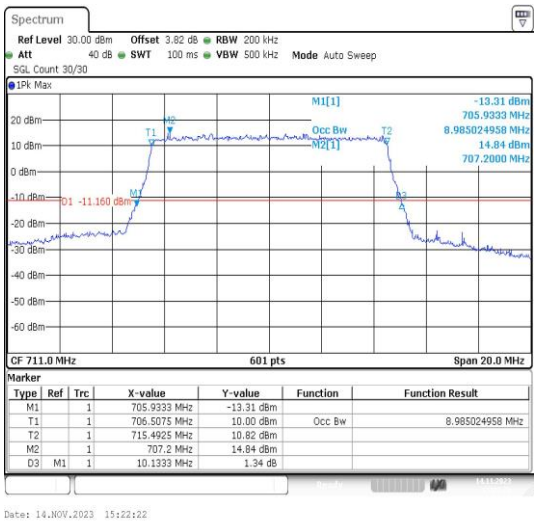
Band17-10MHz-QPSK-23790-50RB#0-PASS



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



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



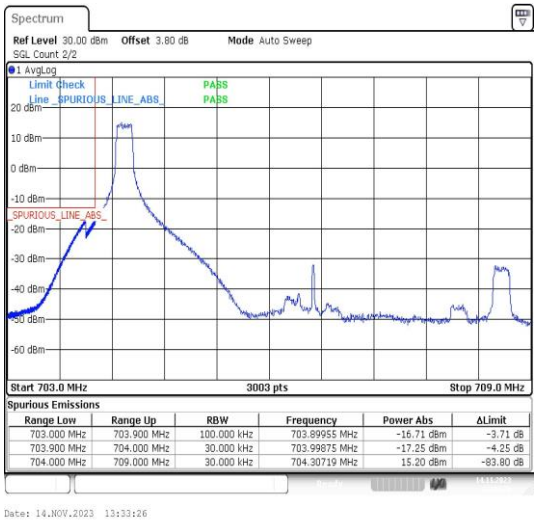
Band17-10MHz-16QAM-23800-50RB#0-PASS

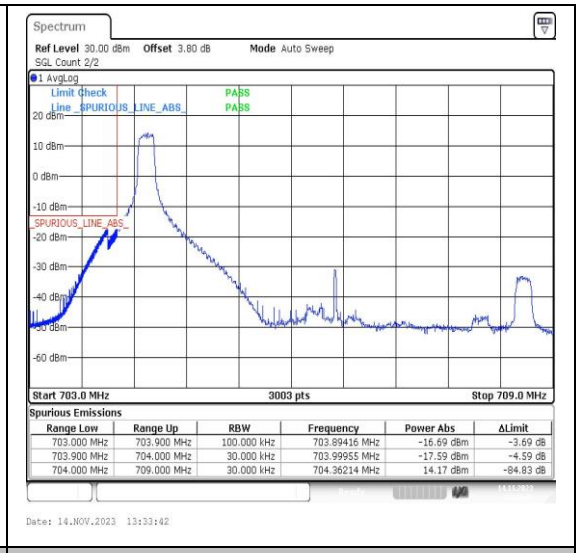
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-16.71	PASS
Band17	5MHz	16QAM	23755	1RB#0	-16.69	PASS
Band17	5MHz	QPSK	23755	1RB#24	-46.84	PASS
Band17	5MHz	16QAM	23755	1RB#24	-46.82	PASS
Band17	5MHz	QPSK	23755	25RB#0	-25.15	PASS
Band17	5MHz	16QAM	23755	25RB#0	-26.98	PASS
Band17	5MHz	QPSK	23825	1RB#0	-47.27	PASS
Band17	5MHz	16QAM	23825	1RB#0	-47.58	PASS
Band17	5MHz	QPSK	23825	1RB#24	-16.58	PASS
Band17	5MHz	16QAM	23825	1RB#24	-17.81	PASS
Band17	5MHz	QPSK	23825	25RB#0	-28.57	PASS
Band17	5MHz	16QAM	23825	25RB#0	-28.73	PASS
Band17	10MHz	QPSK	23780	1RB#0	-20.41	PASS
Band17	10MHz	16QAM	23780	1RB#0	-20.82	PASS
Band17	10MHz	QPSK	23780	1RB#49	-48.98	PASS
Band17	10MHz	16QAM	23780	1RB#49	-47.56	PASS
Band17	10MHz	QPSK	23780	50RB#0	-30.52	PASS
Band17	10MHz	16QAM	23780	50RB#0	-32.36	PASS
Band17	10MHz	QPSK	23800	1RB#0	-48.32	PASS
Band17	10MHz	16QAM	23800	1RB#0	-49.33	PASS
Band17	10MHz	QPSK	23800	1RB#49	-20.27	PASS
Band17	10MHz	16QAM	23800	1RB#49	-21.47	PASS
Band17	10MHz	QPSK	23800	50RB#0	-33.32	PASS
Band17	10MHz	16QAM	23800	50RB#0	-34.97	PASS

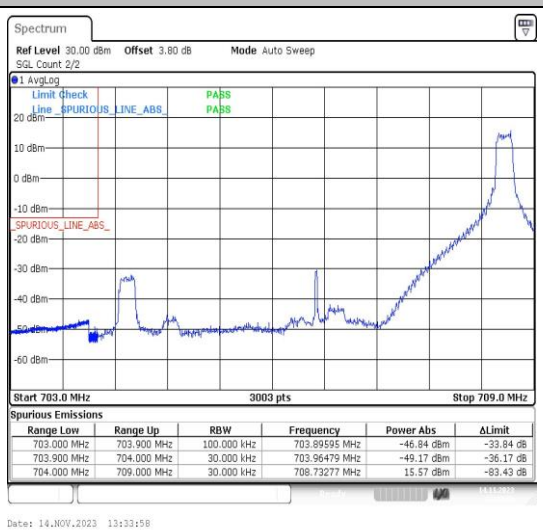
Test Graphs

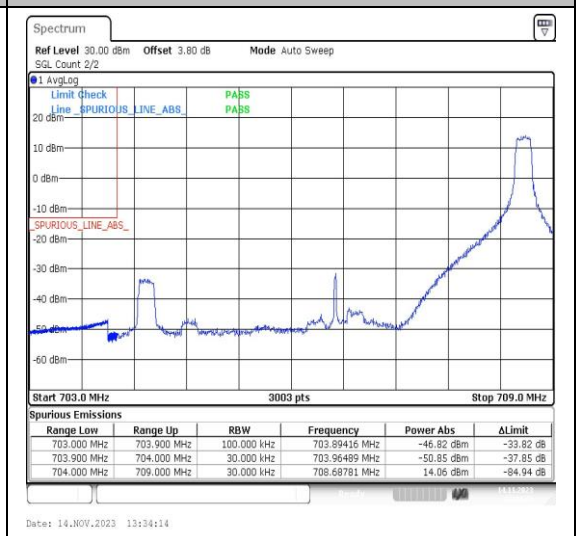




Band17_5MHz_QPSK_23755_1RB#0

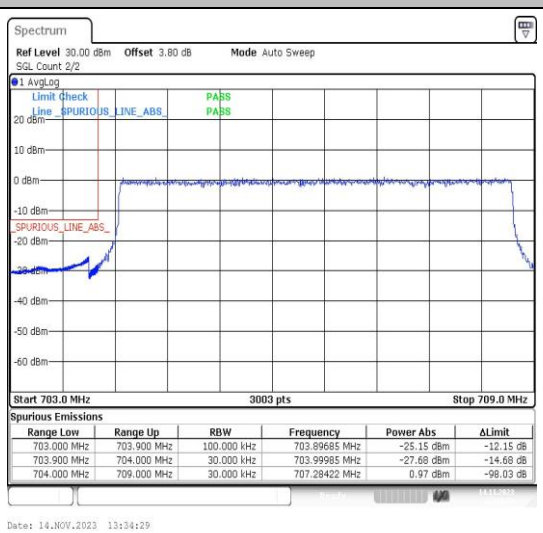
Band17_5MHz_16QAM_23755_1RB#0

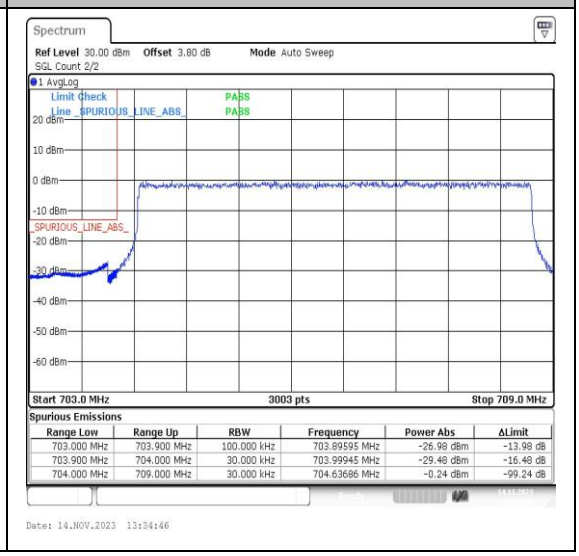




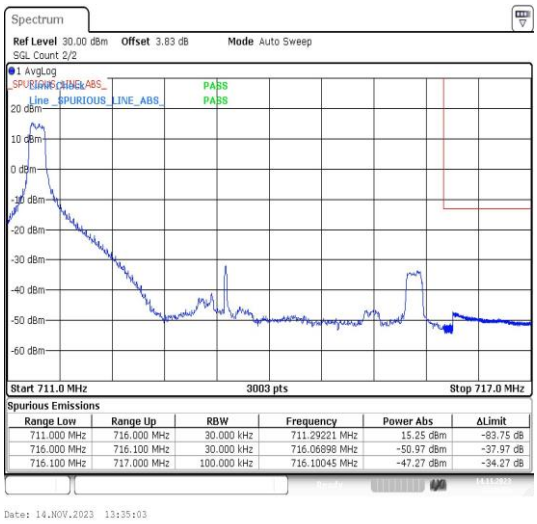
Band17_5MHz_QPSK_23755_1RB#24

Band17_5MHz_16QAM_23755_1RB#24

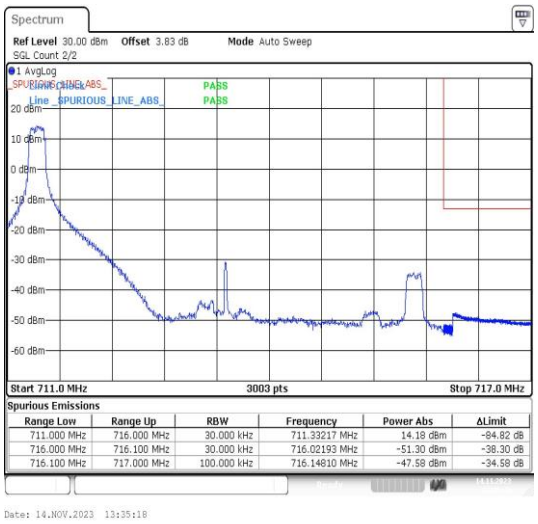




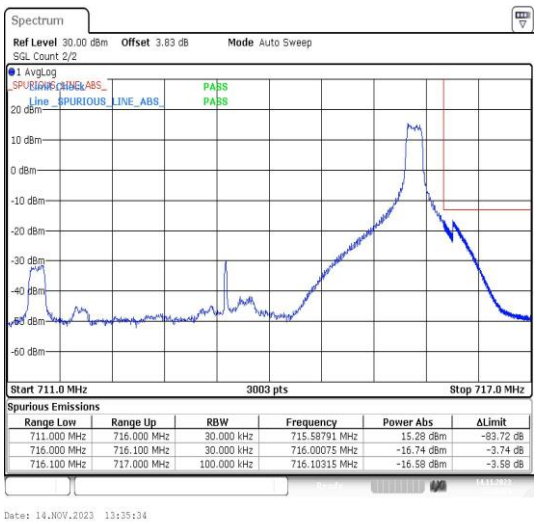
Band17_5MHz_QPSK_23755_25RB#0



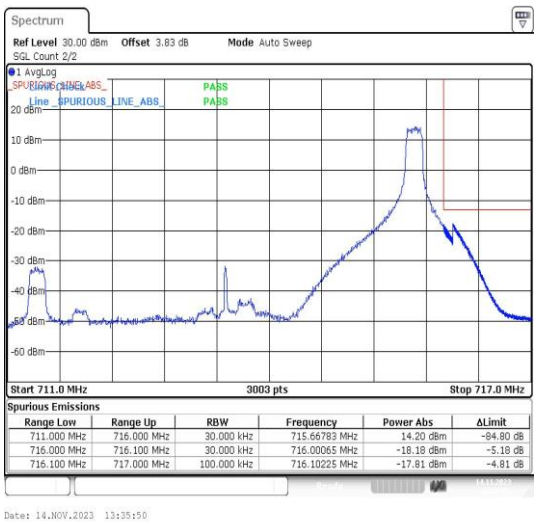
Band17_5MHz_16QAM_23755_25RB#0



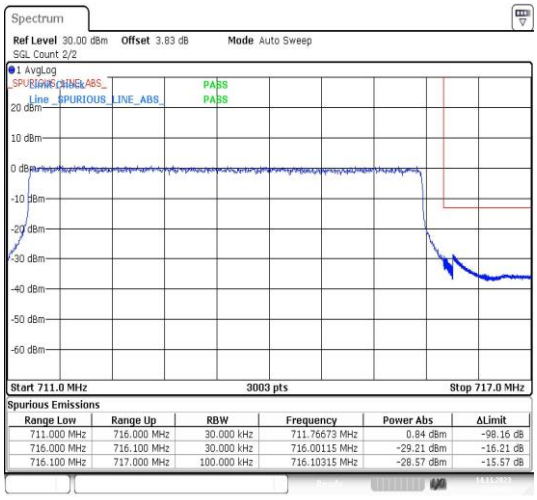
Band17_5MHz_QPSK_23825_1RB#0



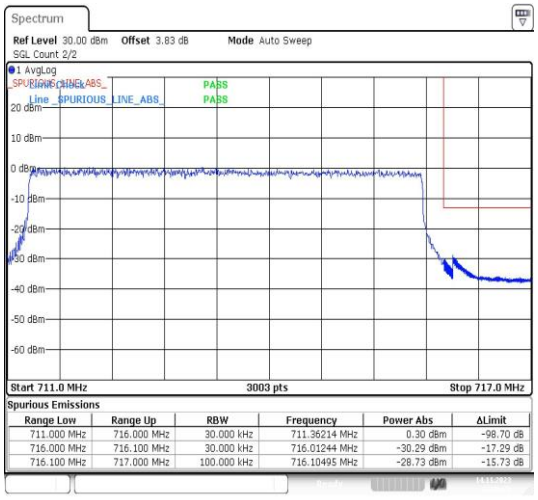
Band17_5MHz_16QAM_23825_1RB#0



Band17_5MHz_QPSK_23825_1RB#24

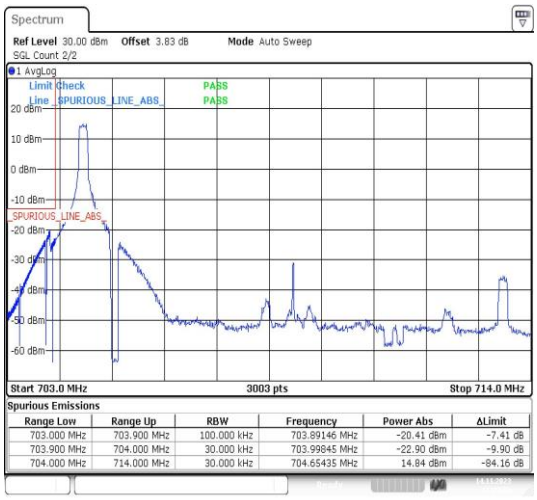


Band17_5MHz_16QAM_23825_1RB#24

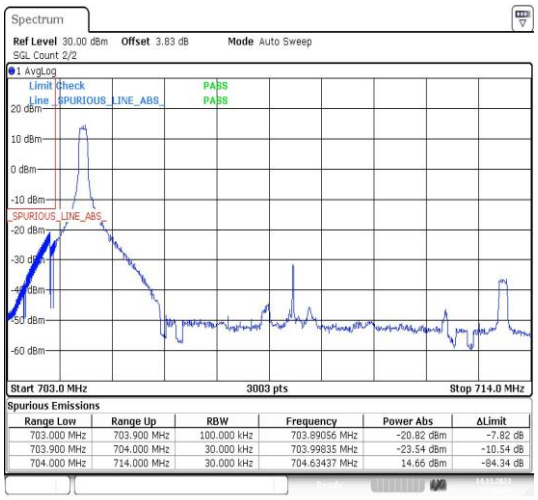


Band17_5MHz_QPSK_23825_25RB#0

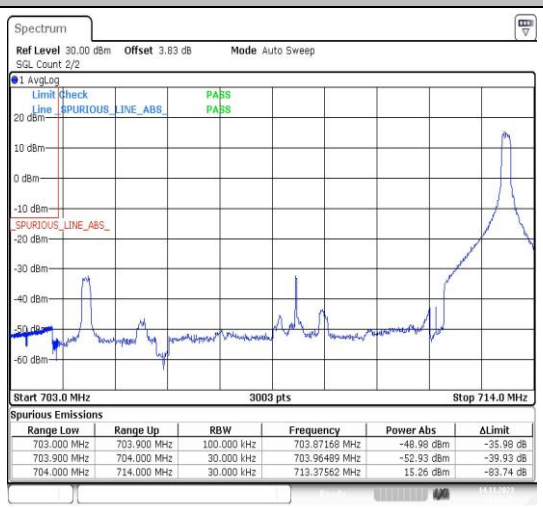
Band17_5MHz_16QAM_23825_25RB#0



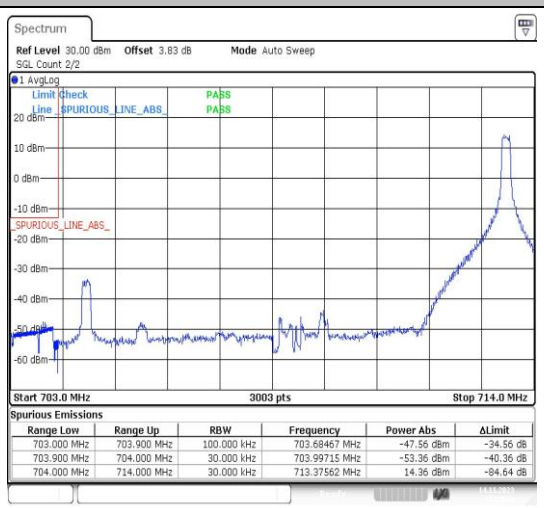
Band17_10MHz_QPSK_23780_1RB#0



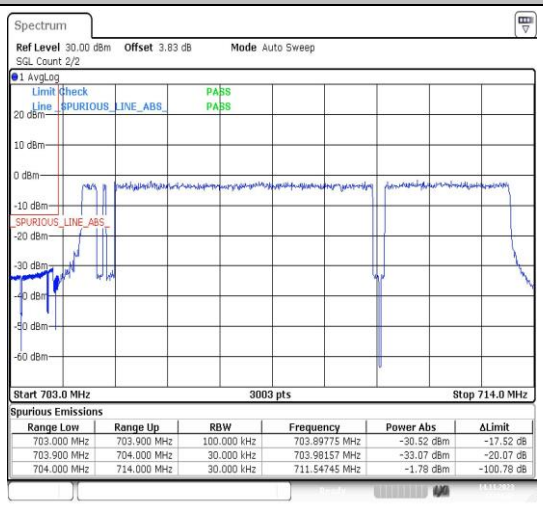
Band17_10MHz_16QAM_23780_1RB#0



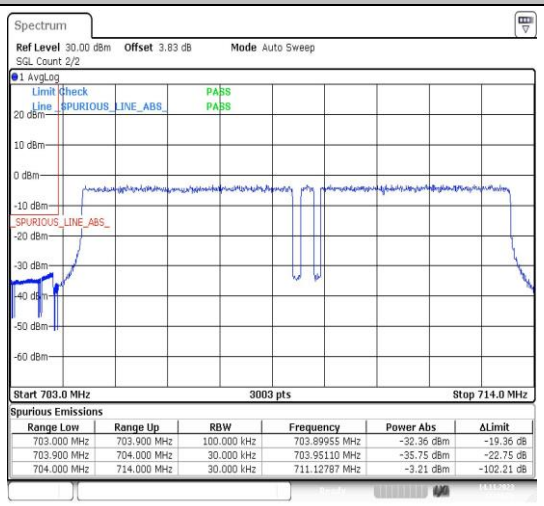
Band17_10MHz_QPSK_23780_1RB#49



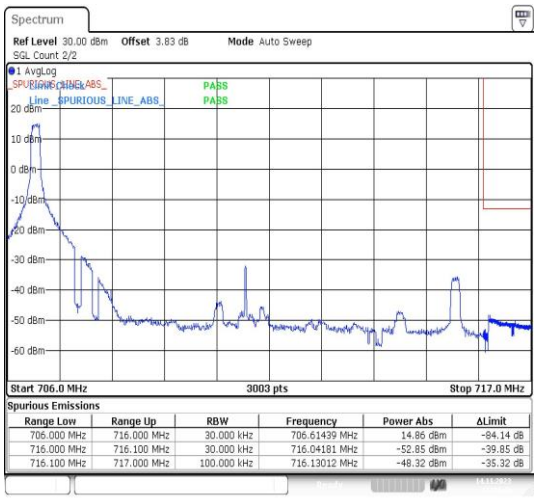
Band17_10MHz_16QAM_23780_1RB#49



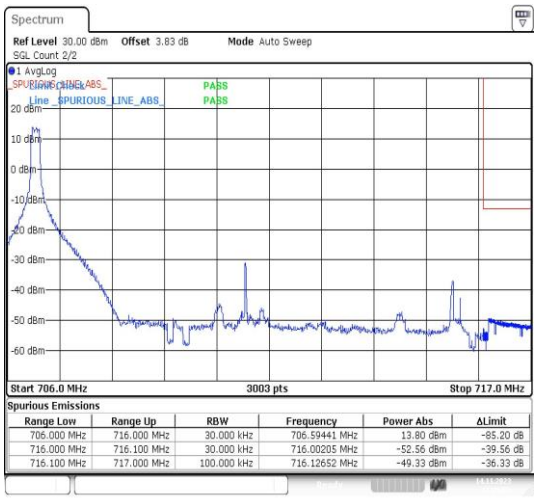
Band17_10MHz_QPSK_23780_50RB#0



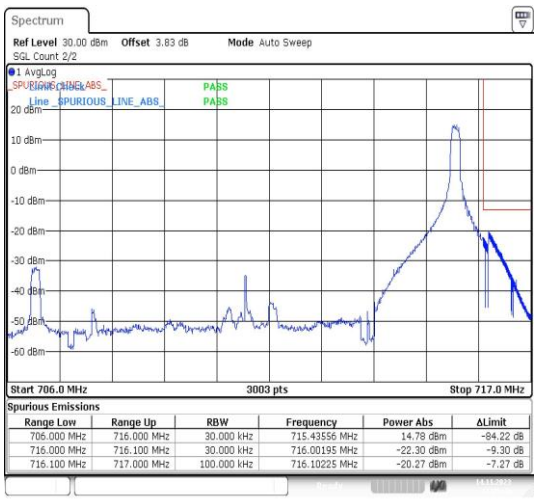
Band17_10MHz_16QAM_23780_50RB#0



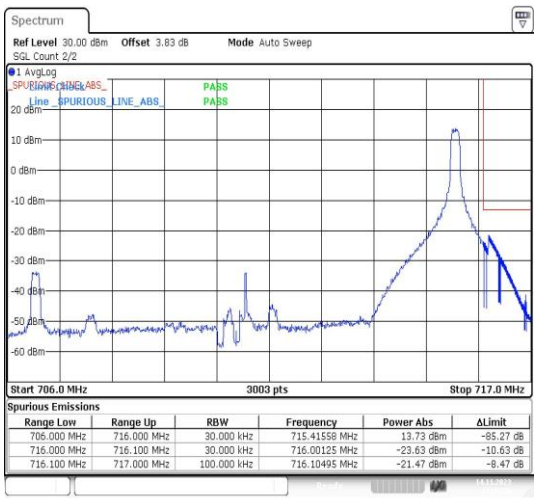
Band17_10MHz_QPSK_23800_1RB#0



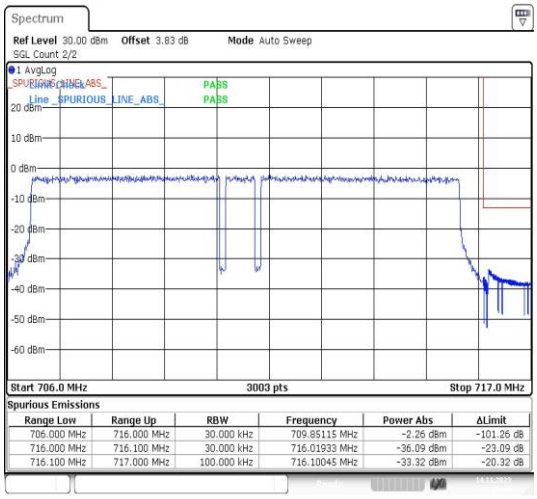
Band17_10MHz_16QAM_23800_1RB#0



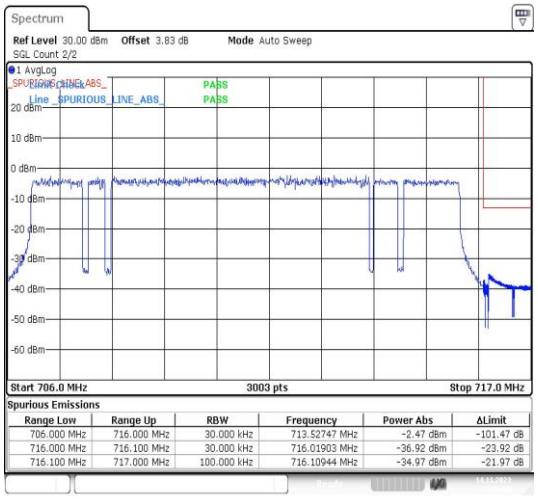
Band17_10MHz_QPSK_23800_1RB#49



Band17_10MHz_16QAM_23800_1RB#49



Band17_10MHz_QPSK_23800_50RB#0



Band17_10MHz_16QAM_23800_50RB#0

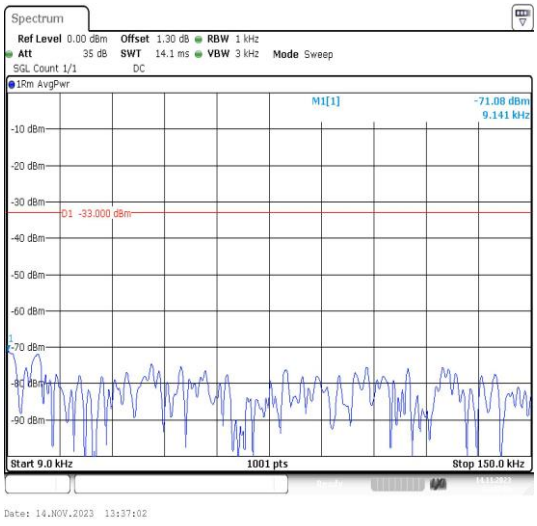
Appendix E: Conducted Spurious Emission

Test Result

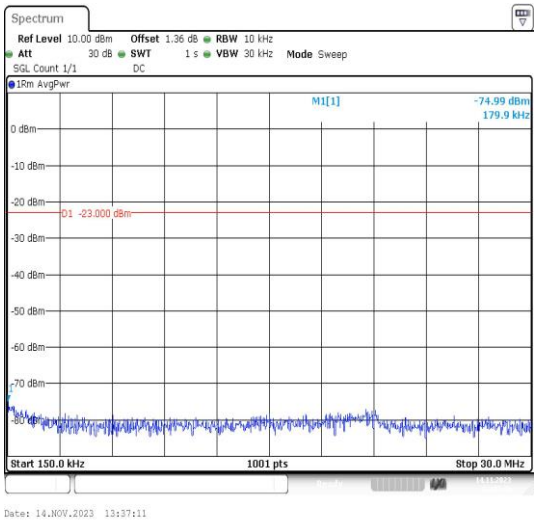
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	0.009~0.15	-71.08	PASS
Band17	5MHz	QPSK	23755	1RB#0	0.15~30	-74.99	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000	-65.27	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~3000	-50.13	PASS
Band17	5MHz	QPSK	23755	1RB#0	3000~10000	-39.83	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.009~0.15	-69.93	PASS
Band17	5MHz	16QAM	23755	1RB#0	0.15~30	-72.96	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000	-65.50	PASS
Band17	5MHz	16QAM	23755	1RB#0	1000~3000	-50.44	PASS
Band17	5MHz	16QAM	23755	1RB#0	3000~10000	-39.98	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.009~0.15	-71.90	PASS
Band17	5MHz	QPSK	23790	1RB#0	0.15~30	-75.64	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000	-65.11	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~3000	-50.91	PASS
Band17	5MHz	QPSK	23790	1RB#0	3000~10000	-39.82	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.009~0.15	-72.39	PASS
Band17	5MHz	16QAM	23790	1RB#0	0.15~30	-75.55	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000	-65.36	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~3000	-50.90	PASS
Band17	5MHz	16QAM	23790	1RB#0	3000~10000	-39.97	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.009~0.15	-67.85	PASS
Band17	5MHz	QPSK	23825	1RB#0	0.15~30	-74.91	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000	-64.93	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~3000	-50.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	3000~10000	-39.75	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.009~0.15	-72.33	PASS
Band17	5MHz	16QAM	23825	1RB#0	0.15~30	-74.91	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000	-65.33	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~3000	-50.93	PASS
Band17	5MHz	16QAM	23825	1RB#0	3000~10000	-39.87	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.009~0.15	-73.63	PASS
Band17	10MHz	QPSK	23780	1RB#0	0.15~30	-74.60	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000	-65.49	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~3000	-44.05	PASS
Band17	10MHz	QPSK	23780	1RB#0	3000~10000	-39.97	PASS

Band17	10MHz	16QAM	23780	1RB#0	0.009~0.15	-71.88	PASS
Band17	10MHz	16QAM	23780	1RB#0	0.15~30	-74.02	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000	-64.94	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~3000	-50.25	PASS
Band17	10MHz	16QAM	23780	1RB#0	3000~10000	-39.78	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.009~0.15	-72.95	PASS
Band17	10MHz	QPSK	23790	1RB#0	0.15~30	-74.65	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000	-65.56	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~3000	-50.85	PASS
Band17	10MHz	QPSK	23790	1RB#0	3000~10000	-39.79	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.009~0.15	-71.07	PASS
Band17	10MHz	16QAM	23790	1RB#0	0.15~30	-74.78	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000	-65.34	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~3000	-50.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	3000~10000	-39.78	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.009~0.15	-74.03	PASS
Band17	10MHz	QPSK	23800	1RB#0	0.15~30	-75.08	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000	-65.29	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~3000	-50.86	PASS
Band17	10MHz	QPSK	23800	1RB#0	3000~10000	-39.92	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.009~0.15	-71.62	PASS
Band17	10MHz	16QAM	23800	1RB#0	0.15~30	-74.76	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000	-65.52	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~3000	-50.79	PASS
Band17	10MHz	16QAM	23800	1RB#0	3000~10000	-39.93	PASS

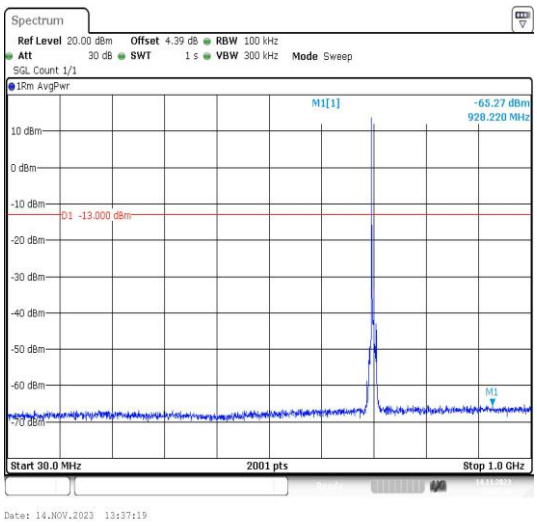
Test Graphs



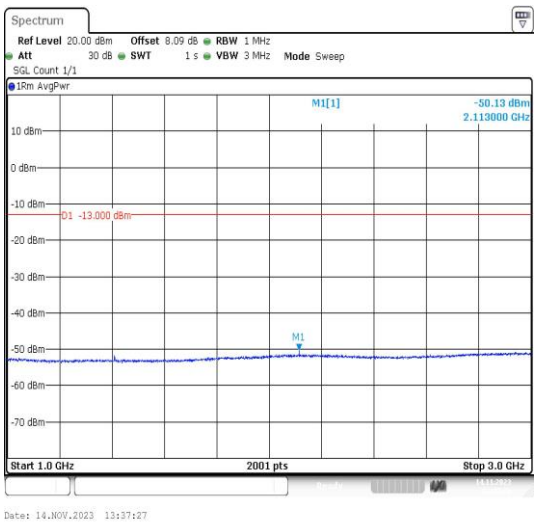
Band17_5MHz_QPSK_23755_1RB#0_0.009~0.15_0.009~0.15



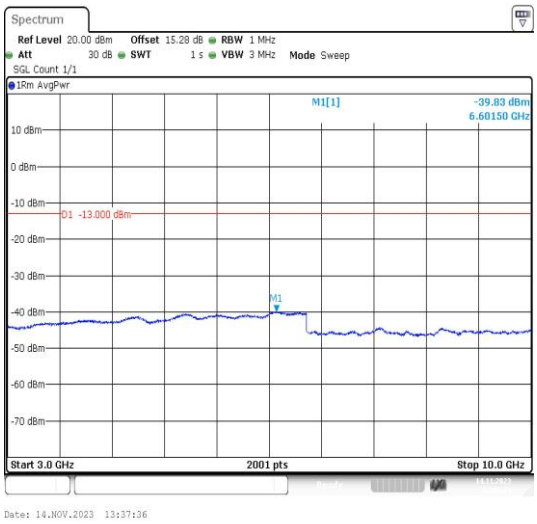
Band17_5MHz_QPSK_23755_1RB#0_0.15~30_0.15~30



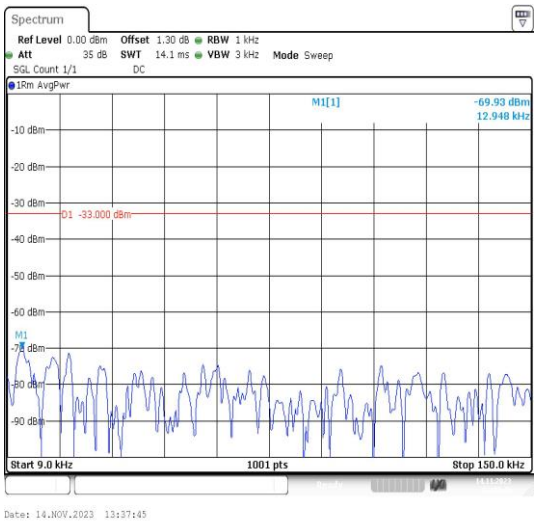
Band17_5MHz_QPSK_23755_1RB#0_30~1000_30~1000



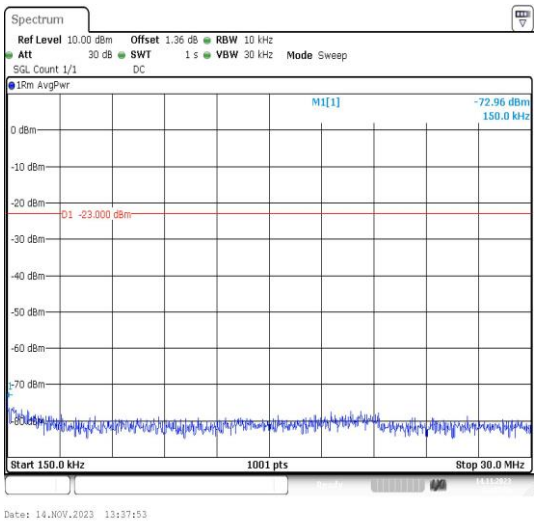
Band17_5MHz_QPSK_23755_1RB#0_1000~3000_1000~3000



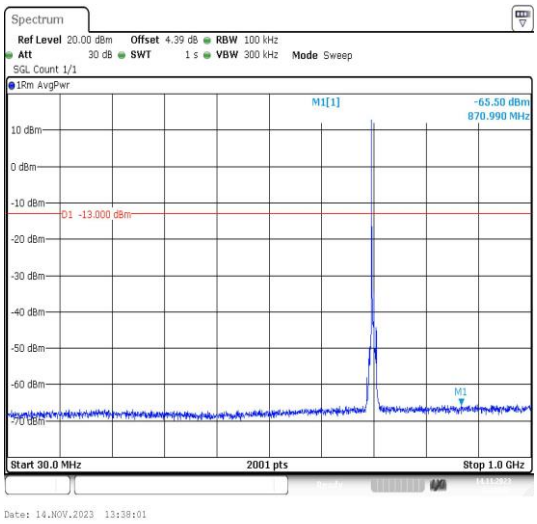
Band17_5MHz_QPSK_23755_1RB#0_3000~10000_3000~10000



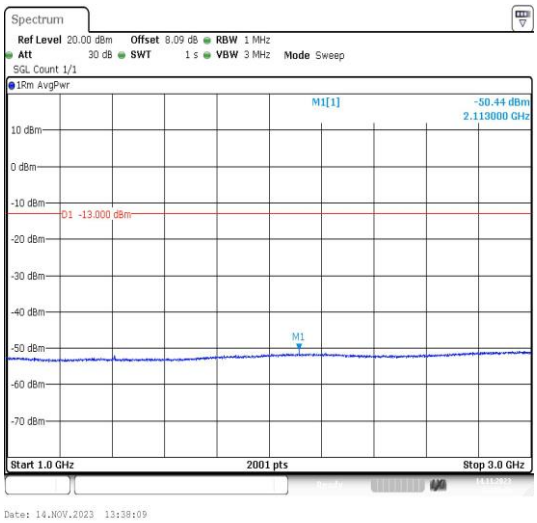
Band17_5MHz_16QAM_23755_1RB#0_0.009~0.15_0.009~0.15

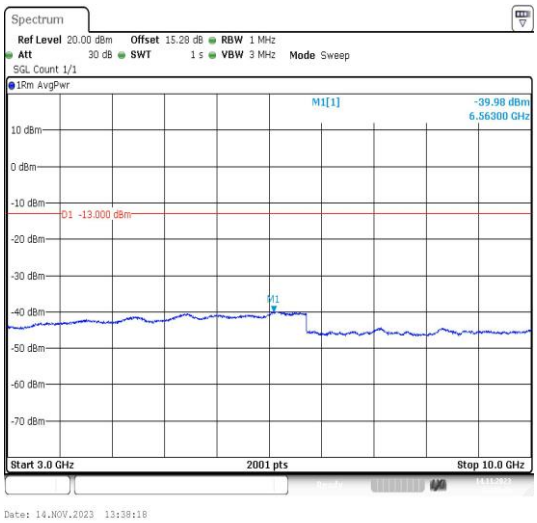


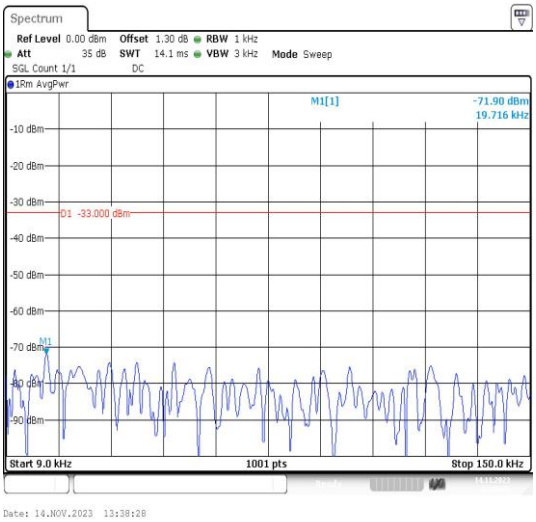
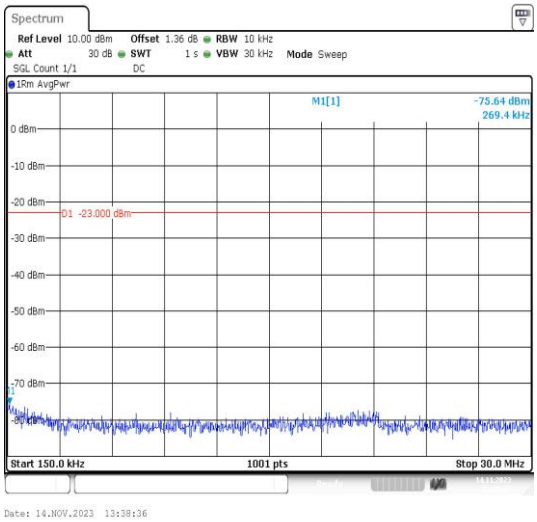
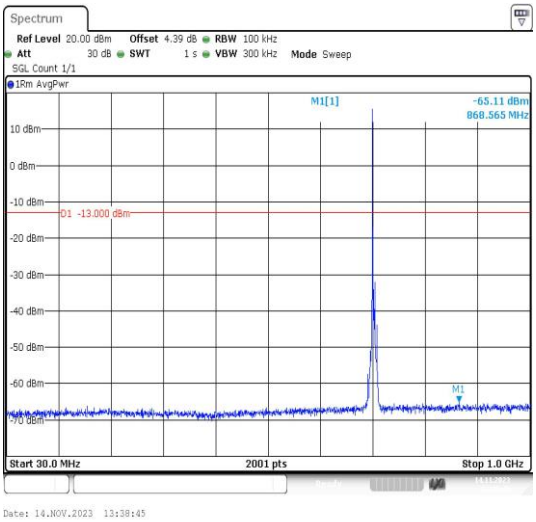
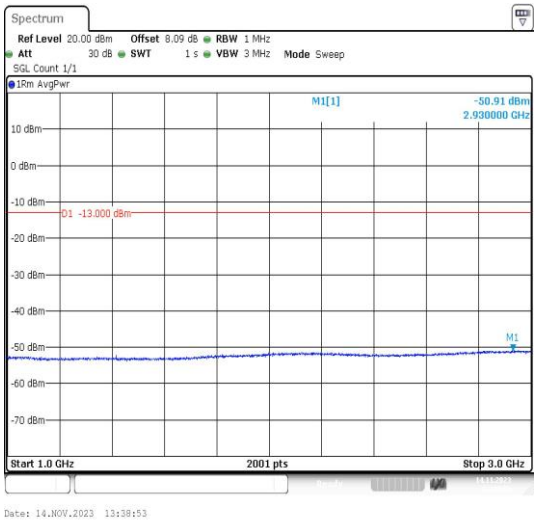
Band17_5MHz_16QAM_23755_1RB#0_0.15~30_0.15~30

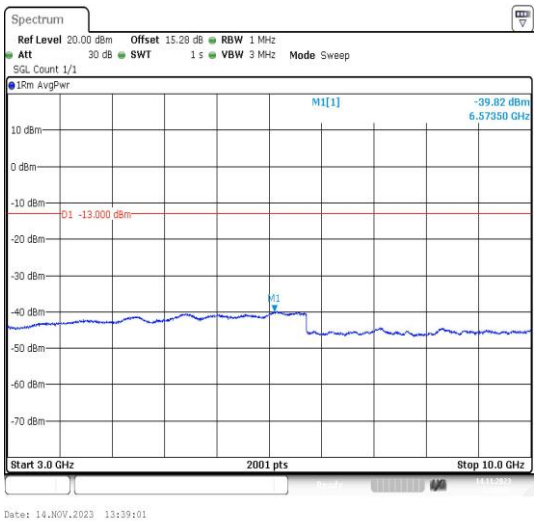


Band17_5MHz_16QAM_23755_1RB#0_30~1000_30~1000

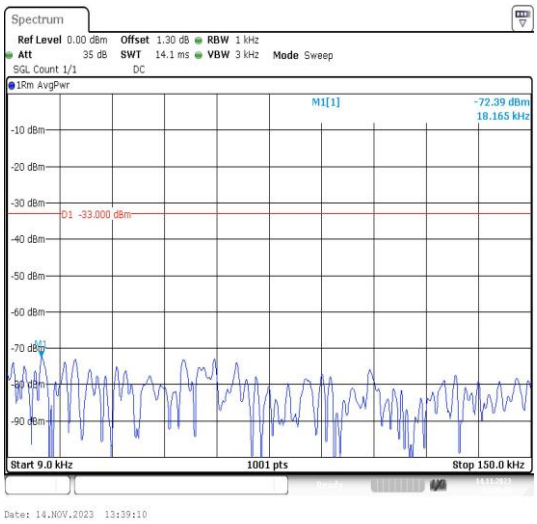




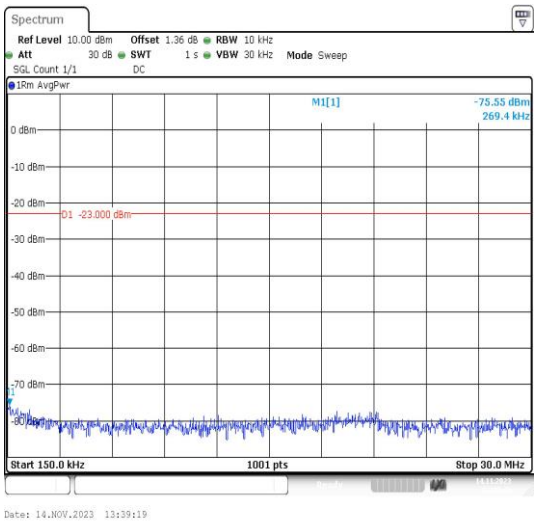
Band17_5MHz_16QAM_23755_1RB#0_1000~3000_1000~3000	Band17_5MHz_16QAM_23755_1RB#0_3000~10000_3000~10000
	
Band17_5MHz_QPSK_23790_1RB#0_0.009~0.15_0.009~0.15	Band17_5MHz_QPSK_23790_1RB#0_0.15~30_0.15~30
	
Band17_5MHz_QPSK_23790_1RB#0_30~1000_30~1000	Band17_5MHz_QPSK_23790_1RB#0_1000~3000_1000~3000



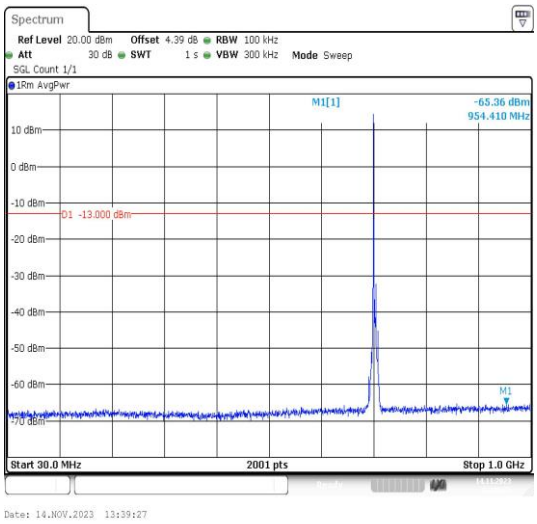
Band17_5MHz_QPSK_23790_1RB#0_3000~10000_3000~10000



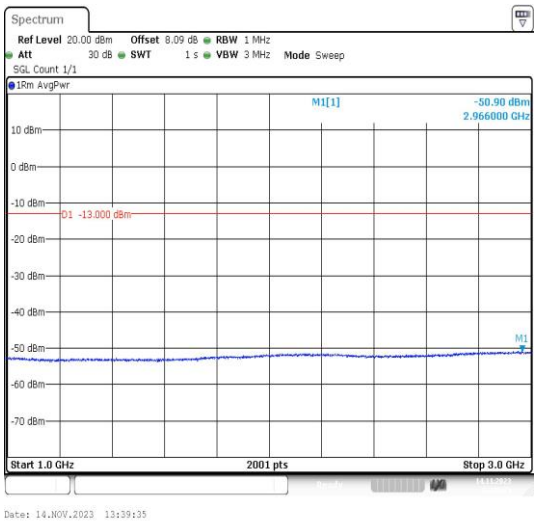
Band17_5MHz_16QAM_23790_1RB#0_0.009~0.15_0.009~0.15

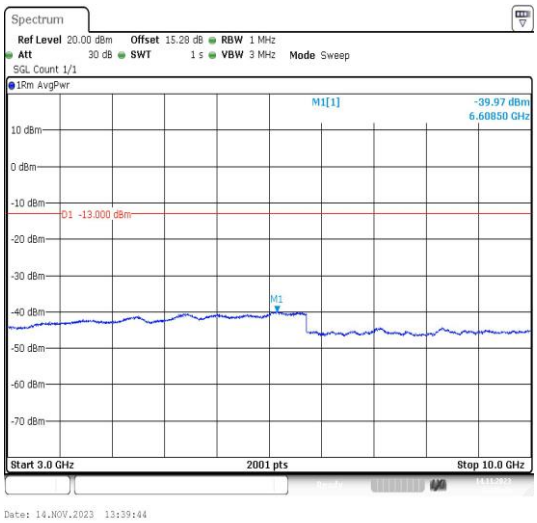


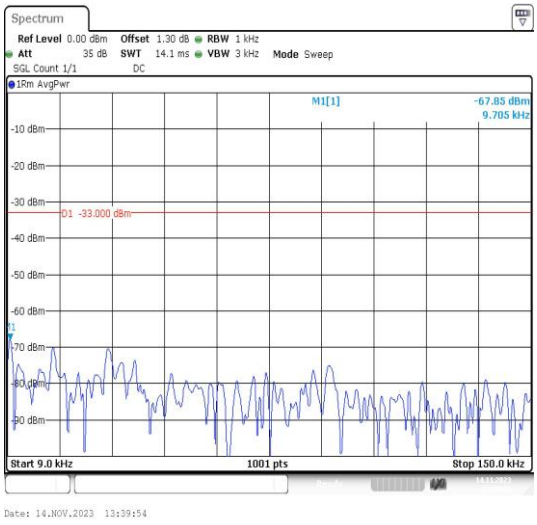
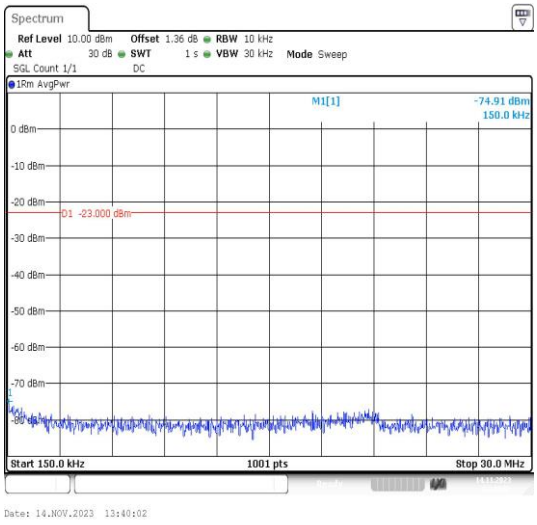
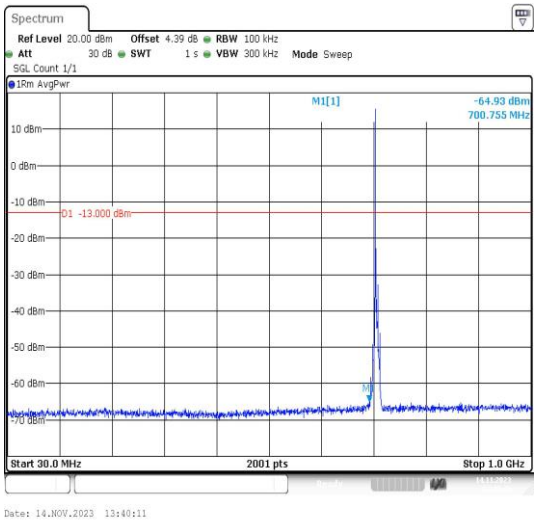
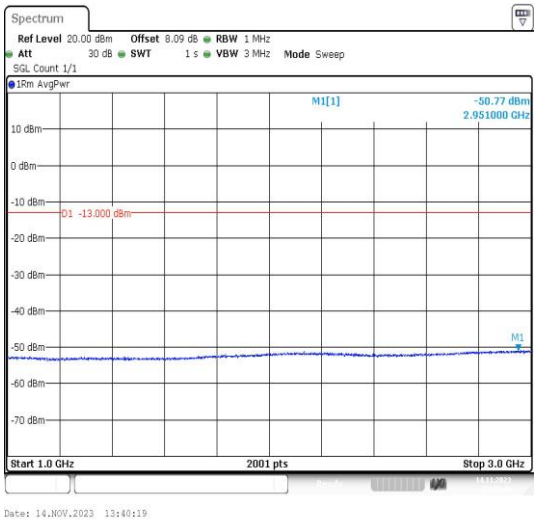
Band17_5MHz_16QAM_23790_1RB#0_0.15~30_0.15~30

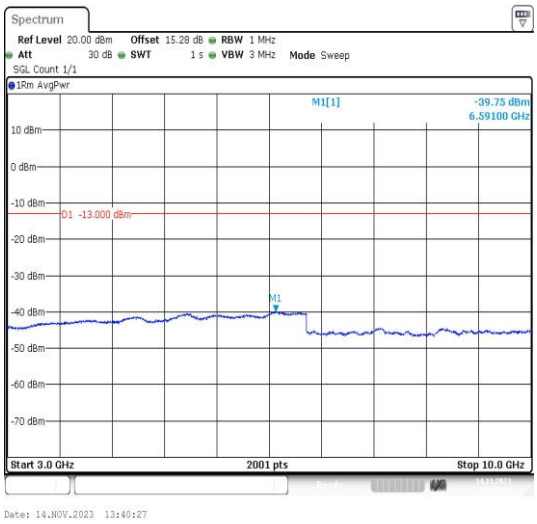


Band17_5MHz_16QAM_23790_1RB#0_30~1000_30~1000

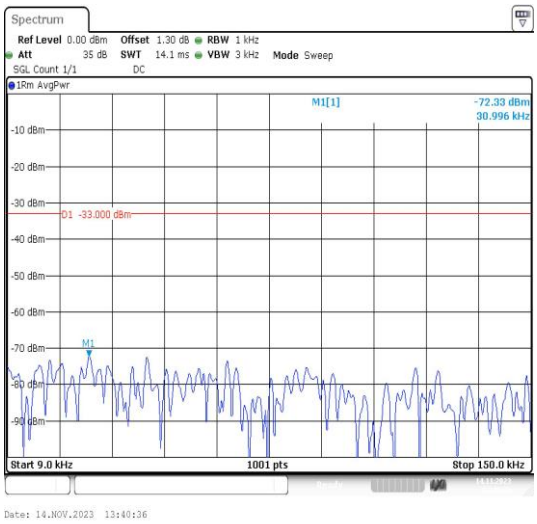




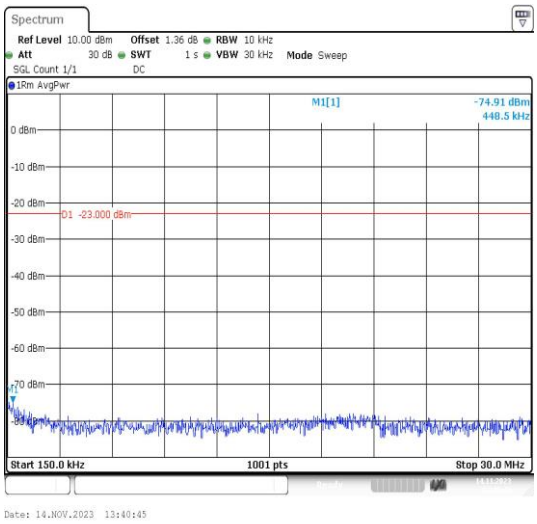
Band17_5MHz_16QAM_23790_1RB#0_1000~3000_1000~3000	Band17_5MHz_16QAM_23790_1RB#0_3000~10000_3000~10000
	
Band17_5MHz_QPSK_23825_1RB#0_0.009~0.15_0.009~0.15	Band17_5MHz_QPSK_23825_1RB#0_0.15~30_0.15~30
	
Band17_5MHz_QPSK_23825_1RB#0_30~1000_30~1000	Band17_5MHz_QPSK_23825_1RB#0_1000~3000_1000~3000



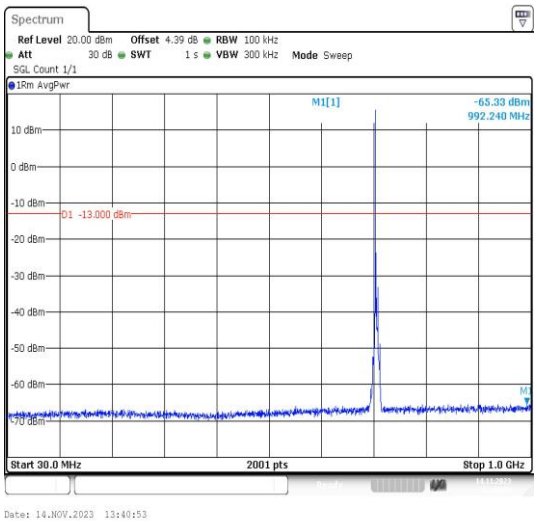
Band17_5MHz_QPSK_23825_1RB#0_3000~10000_3000~10000



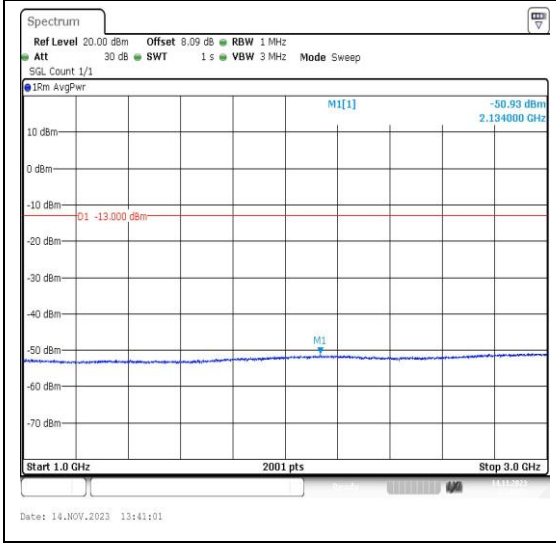
Band17_5MHz_16QAM_23825_1RB#0_0.009~0.15_0.009~0.15

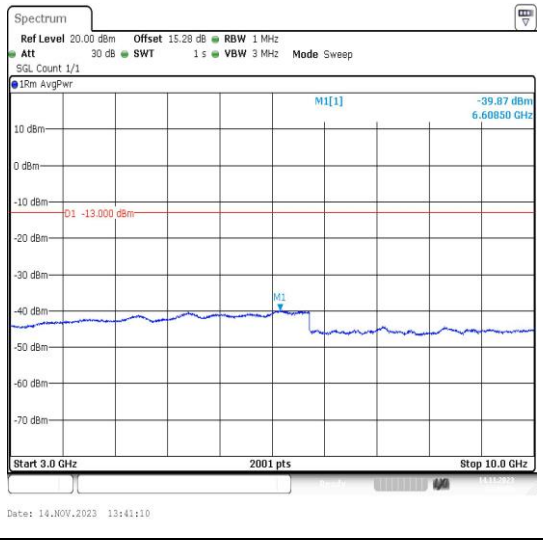


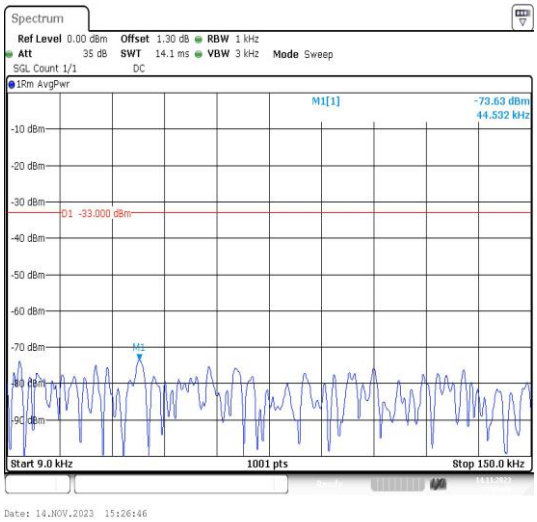
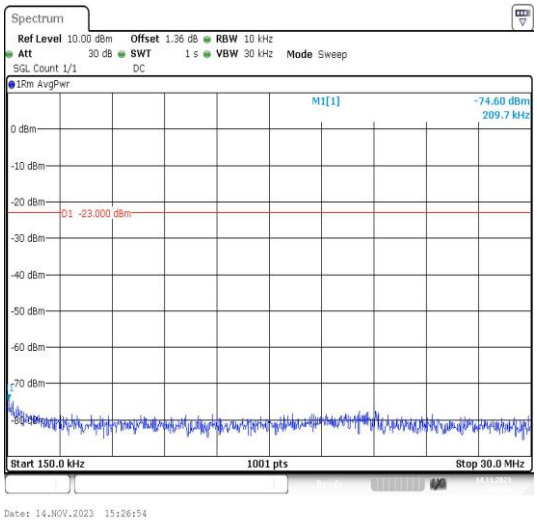
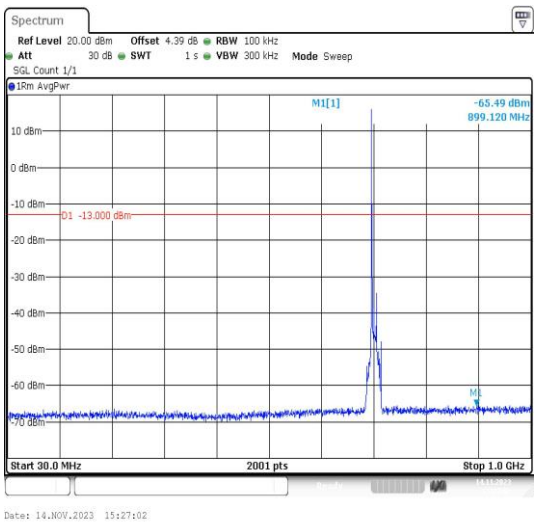
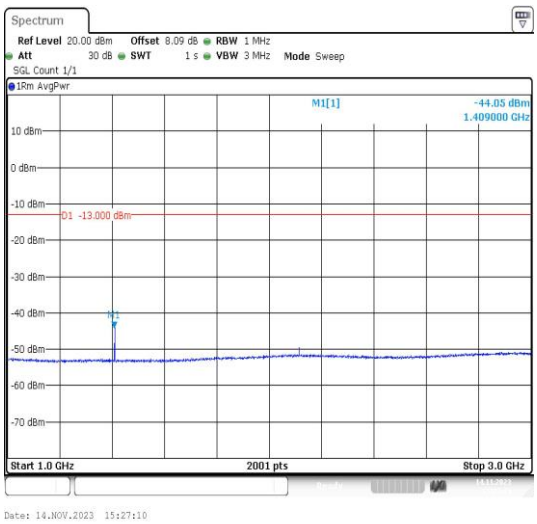
Band17_5MHz_16QAM_23825_1RB#0_0.15~30_0.15~30



Band17_5MHz_16QAM_23825_1RB#0_30~1000_30~1000





Band17_5MHz_16QAM_23825_1RB#0_1000~3000_1000~3000	Band17_5MHz_16QAM_23825_1RB#0_3000~10000_3000~10000
	
Band17_10MHz_QPSK_23780_1RB#0_0.009~0.15_0.009~0.15	Band17_10MHz_QPSK_23780_1RB#0_0.15~30_0.15~30
	
Band17_10MHz_QPSK_23780_1RB#0_30~1000_30~1000	Band17_10MHz_QPSK_23780_1RB#0_1000~3000_1000~3000