

Appendix for LTE B17

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1 Appendix A: Effective Radiated Result Output Data**1.1 Test Result**

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Band	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.7	16.25	50	PASS
Band17	5MHz	QPSK	23755	1RB#13	23.84	16.39	50	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.69	16.24	50	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.63	15.18	50	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.82	15.37	50	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.79	15.34	50	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.8	15.35	50	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.63	16.18	50	PASS
Band17	5MHz	QPSK	23790	1RB#13	23.91	16.46	50	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.75	16.30	50	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.71	15.26	50	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.81	15.36	50	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.74	15.29	50	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.71	15.26	50	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.72	16.27	50	PASS
Band17	5MHz	QPSK	23825	1RB#13	23.77	16.32	50	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.46	16.01	50	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.72	15.27	50	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.75	15.30	50	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.7	15.25	50	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.75	15.30	50	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.82	15.37	50	PASS
Band17	5MHz	16QAM	23755	1RB#13	22.58	15.13	50	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.63	15.18	50	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.69	14.24	50	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.88	14.43	50	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.81	14.36	50	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.75	14.30	50	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.06	15.61	50	PASS
Band17	5MHz	16QAM	23790	1RB#13	23.13	15.68	50	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.17	15.72	50	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.69	14.24	50	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.72	14.27	50	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.71	14.26	50	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.75	14.30	50	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.63	15.18	50	PASS
Band17	5MHz	16QAM	23825	1RB#13	23.34	15.89	50	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.1	15.65	50	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.81	14.36	50	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.91	14.46	50	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.8	14.35	50	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.85	14.40	50	PASS
Band17	5MHz	64QAM	23755	1RB#0	21.72	14.27	50	PASS
Band17	5MHz	64QAM	23755	1RB#13	22.48	15.03	50	PASS
Band17	5MHz	64QAM	23755	1RB#24	21.75	14.30	50	PASS
Band17	5MHz	64QAM	23755	12RB#0	20.7	13.25	50	PASS
Band17	5MHz	64QAM	23755	12RB#6	20.83	13.38	50	PASS
Band17	5MHz	64QAM	23755	12RB#13	20.79	13.34	50	PASS
Band17	5MHz	64QAM	23755	25RB#0	20.75	13.30	50	PASS
Band17	5MHz	64QAM	23790	1RB#0	21.75	14.30	50	PASS
Band17	5MHz	64QAM	23790	1RB#13	22.01	14.56	50	PASS
Band17	5MHz	64QAM	23790	1RB#24	22.32	14.87	50	PASS
Band17	5MHz	64QAM	23790	12RB#0	20.77	13.32	50	PASS
Band17	5MHz	64QAM	23790	12RB#6	20.72	13.27	50	PASS
Band17	5MHz	64QAM	23790	12RB#13	20.81	13.36	50	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.75	13.30	50	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.63	14.18	50	PASS
Band17	5MHz	64QAM	23825	1RB#13	22.02	14.57	50	PASS
Band17	5MHz	64QAM	23825	1RB#24	21.71	14.26	50	PASS
Band17	5MHz	64QAM	23825	12RB#0	20.74	13.29	50	PASS
Band17	5MHz	64QAM	23825	12RB#6	20.89	13.44	50	PASS
Band17	5MHz	64QAM	23825	12RB#13	20.82	13.37	50	PASS
Band17	5MHz	64QAM	23825	25RB#0	20.77	13.32	50	PASS

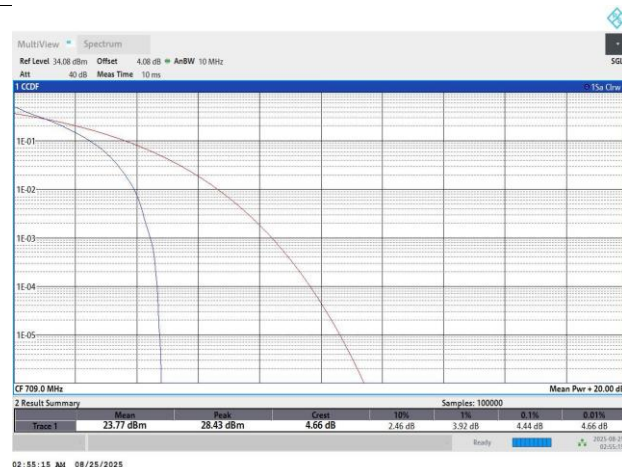
Band17	10MHz	QPSK	23780	1RB#0	23.95	16.50	50	PASS
Band17	10MHz	QPSK	23780	1RB#25	23.74	16.29	50	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.5	16.05	50	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.78	15.33	50	PASS
Band17	10MHz	QPSK	23780	25RB#13	22.85	15.40	50	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.82	15.37	50	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.83	15.38	50	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.74	16.29	50	PASS
Band17	10MHz	QPSK	23790	1RB#25	23.81	16.36	50	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.6	16.15	50	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.83	15.38	50	PASS
Band17	10MHz	QPSK	23790	25RB#13	22.71	15.26	50	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.78	15.33	50	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.76	15.31	50	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.71	16.26	50	PASS
Band17	10MHz	QPSK	23800	1RB#25	23.67	16.22	50	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.7	16.25	50	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.75	15.30	50	PASS
Band17	10MHz	QPSK	23800	25RB#13	22.72	15.27	50	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.75	15.30	50	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.88	15.43	50	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.74	15.29	50	PASS
Band17	10MHz	16QAM	23780	1RB#25	22.84	15.39	50	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.04	15.59	50	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.8	14.35	50	PASS
Band17	10MHz	16QAM	23780	25RB#13	21.92	14.47	50	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.75	14.30	50	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.82	14.37	50	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.62	15.17	50	PASS
Band17	10MHz	16QAM	23790	1RB#25	23.01	15.56	50	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.78	15.33	50	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.9	14.45	50	PASS
Band17	10MHz	16QAM	23790	25RB#13	21.79	14.34	50	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.85	14.40	50	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.72	14.27	50	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.93	15.48	50	PASS
Band17	10MHz	16QAM	23800	1RB#25	23.04	15.59	50	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.89	15.44	50	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.77	14.32	50	PASS
Band17	10MHz	16QAM	23800	25RB#13	21.79	14.34	50	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.86	14.41	50	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.66	14.21	50	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.92	14.47	50	PASS
Band17	10MHz	64QAM	23780	1RB#25	21.84	14.39	50	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.81	14.36	50	PASS
Band17	10MHz	64QAM	23780	25RB#0	20.8	13.35	50	PASS
Band17	10MHz	64QAM	23780	25RB#13	20.9	13.45	50	PASS
Band17	10MHz	64QAM	23780	25RB#25	20.76	13.31	50	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.75	13.30	50	PASS
Band17	10MHz	64QAM	23790	1RB#0	22.15	14.70	50	PASS
Band17	10MHz	64QAM	23790	1RB#25	21.59	14.14	50	PASS
Band17	10MHz	64QAM	23790	1RB#49	21.89	14.44	50	PASS
Band17	10MHz	64QAM	23790	25RB#0	20.74	13.29	50	PASS
Band17	10MHz	64QAM	23790	25RB#13	20.77	13.32	50	PASS
Band17	10MHz	64QAM	23790	25RB#25	20.8	13.35	50	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.69	13.24	50	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.97	14.52	50	PASS
Band17	10MHz	64QAM	23800	1RB#25	22.06	14.61	50	PASS
Band17	10MHz	64QAM	23800	1RB#49	22.07	14.62	50	PASS
Band17	10MHz	64QAM	23800	25RB#0	20.77	13.32	50	PASS
Band17	10MHz	64QAM	23800	25RB#13	20.8	13.35	50	PASS
Band17	10MHz	64QAM	23800	25RB#25	20.77	13.32	50	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.65	13.20	50	PASS

2 Appendix B: Peak-to-Average Ratio

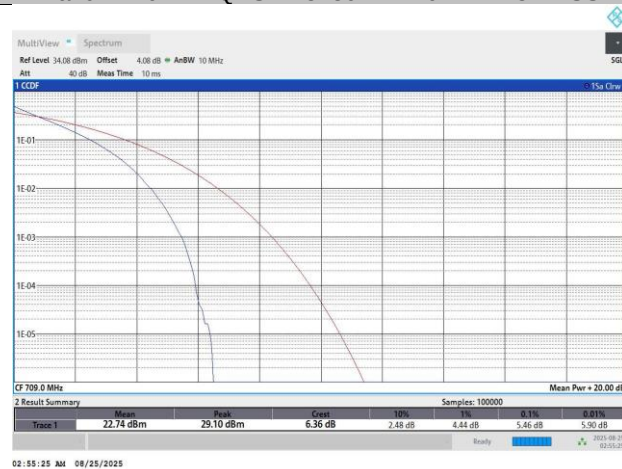
2.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result(dBm)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23780	1RB#0	4.44	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.46	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.36	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.4	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.44	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.32	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.14	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.08	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.26	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.02	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.16	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.08	13	PASS
Band17	10MHz	64QAM	23780	1RB#0	5.68	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.5	13	PASS
Band17	10MHz	64QAM	23790	1RB#0	5.78	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.46	13	PASS
Band17	10MHz	64QAM	23800	1RB#0	5.8	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.38	13	PASS

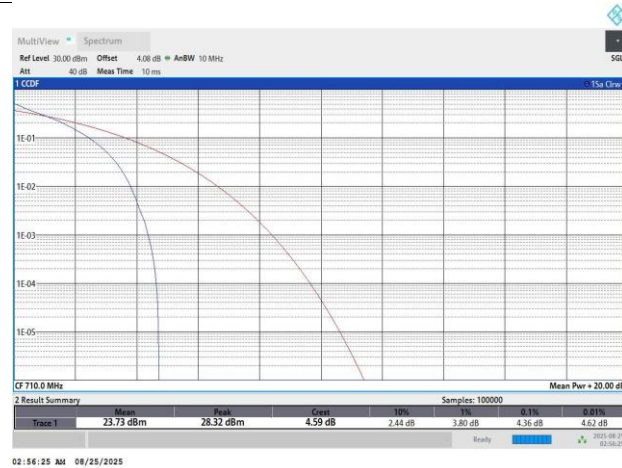
2.2 Test Plots



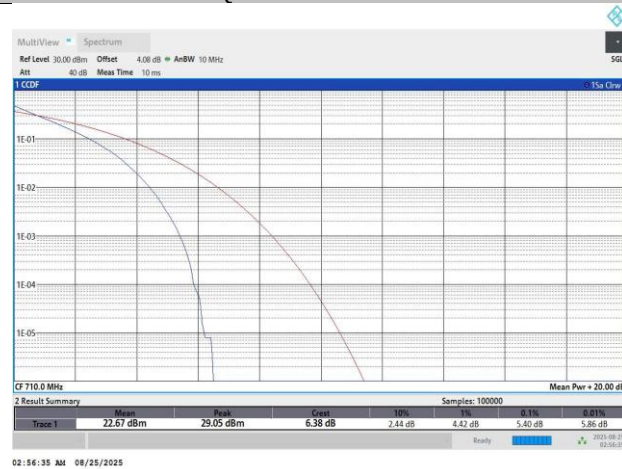
Band17-10MHz-QPSK-23780-1RB#0-4.44-13-PASS



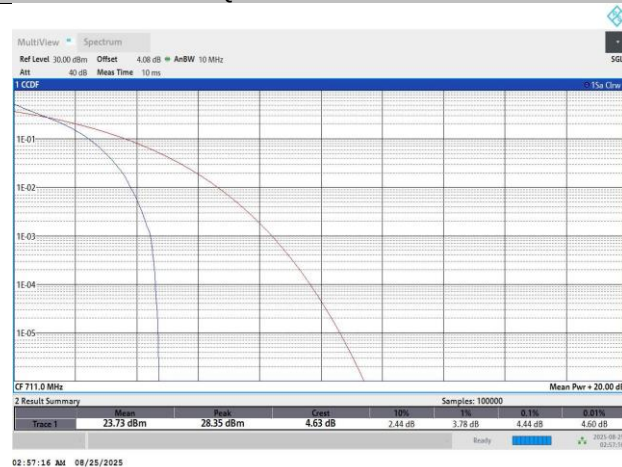
Band17-10MHz-QPSK-23780-50RB#0-5.46-13-PASS



Band17-10MHz-QPSK-23790-1RB#0-4.36-13-PASS

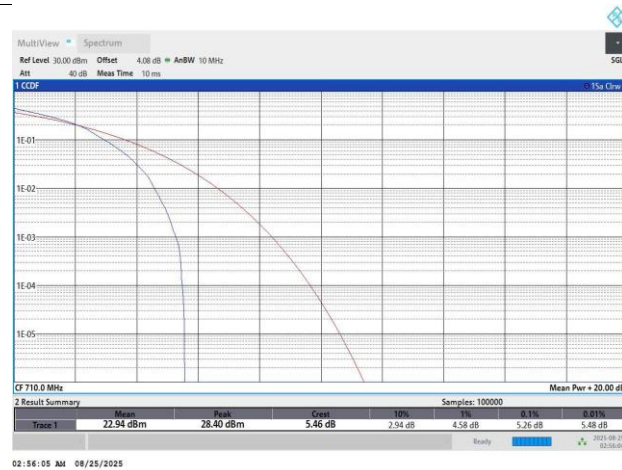


Band17-10MHz-QPSK-23790-50RB#0-5.4-13-PASS

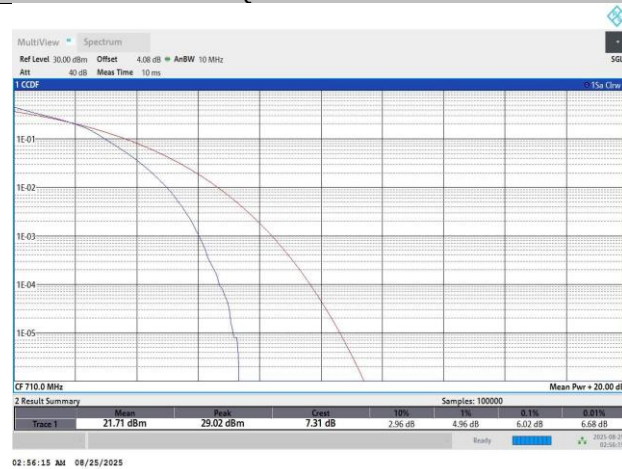


Band17-10MHz-QPSK-23800-1RB#0-4.44-13-PASS

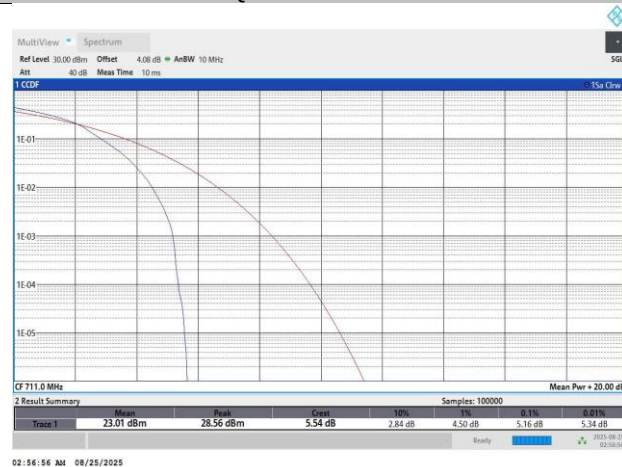




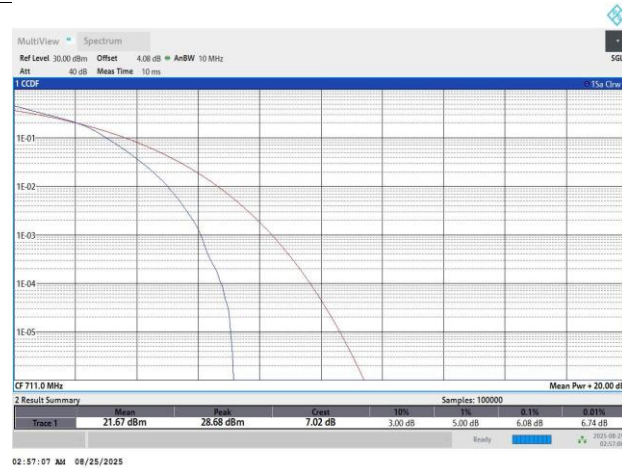
Band17-10MHz-16QAM-23790-1RB#0-5.26-13-PASS



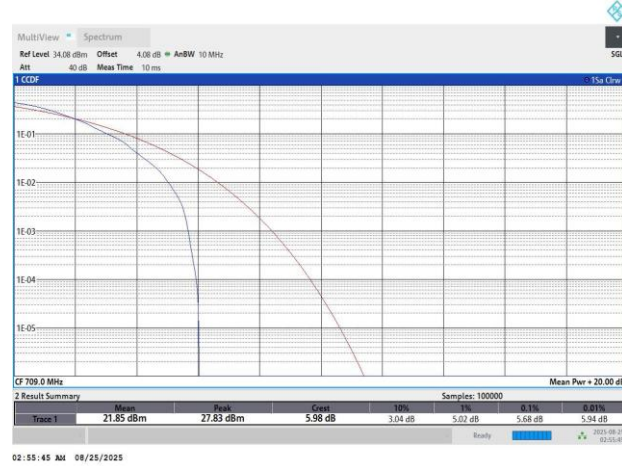
Band17-10MHz-16QAM-23790-50RB#0-6.02-13-PASS



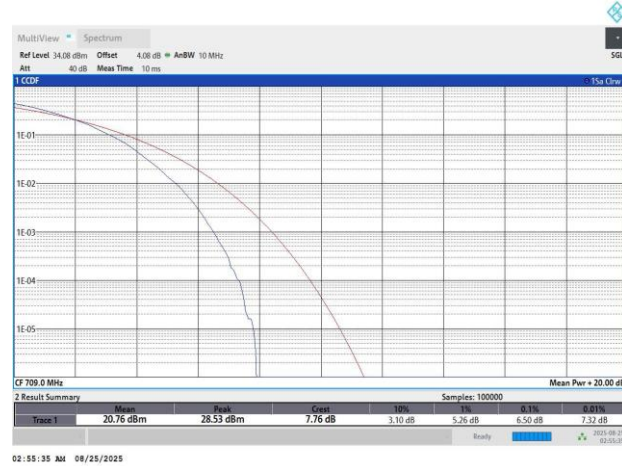
Band17-10MHz-16QAM-23800-1RB#0-5.16-13-PASS



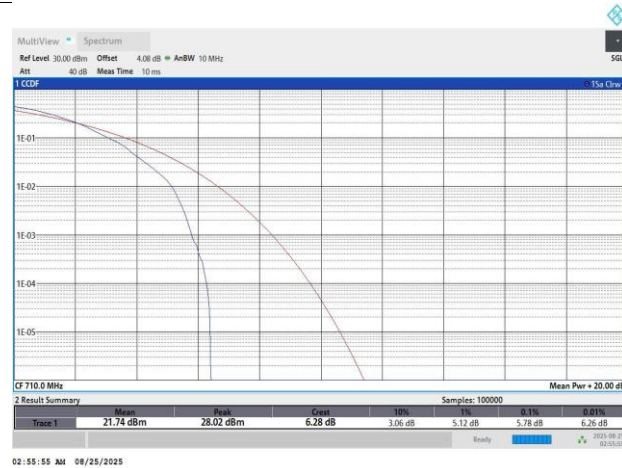
Band17-10MHz-16QAM-23800-50RB#0-6.08-13-PASS



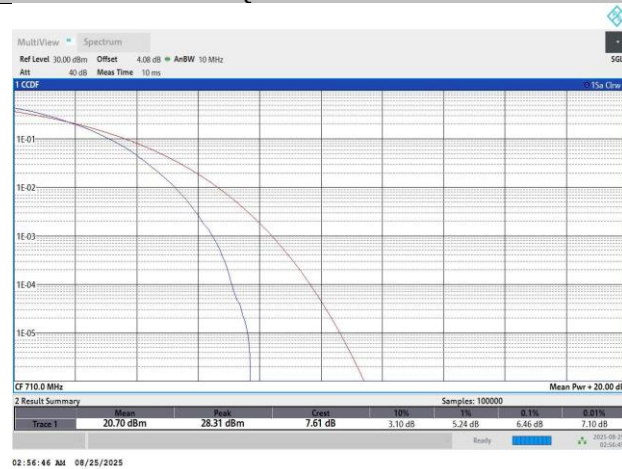
Band17-10MHz-64QAM-23780-1RB#0-5.68-13-PASS



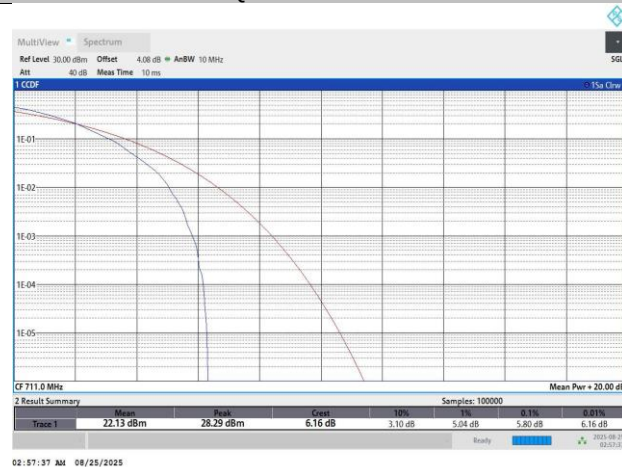
Band17-10MHz-64QAM-23780-50RB#0-6.5-13-PASS



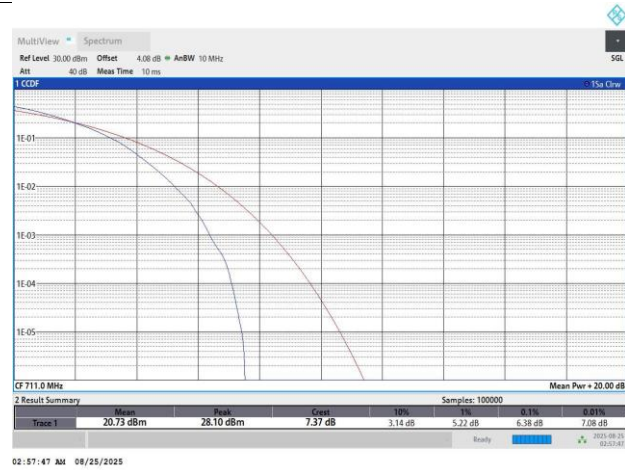
Band17-10MHz-64QAM-23790-1RB#0-5.78-13-PASS



Band17-10MHz-64QAM-23790-50RB#0-6.46-13-PASS



Band17-10MHz-64QAM-23800-1RB#0-5.8-13-PASS



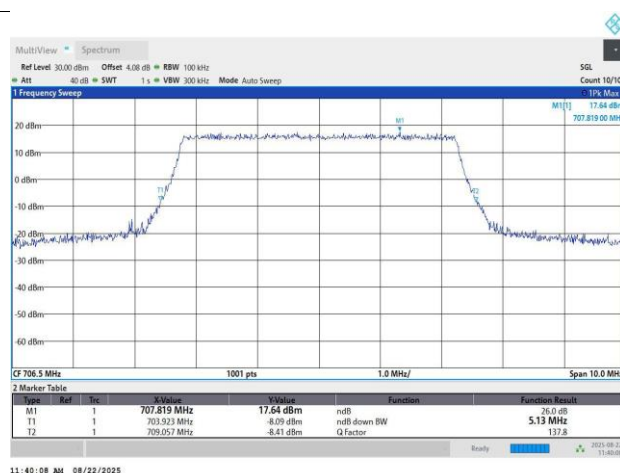
Band17-10MHz-64QAM-23800-50RB#0-6.38-13-PASS

3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

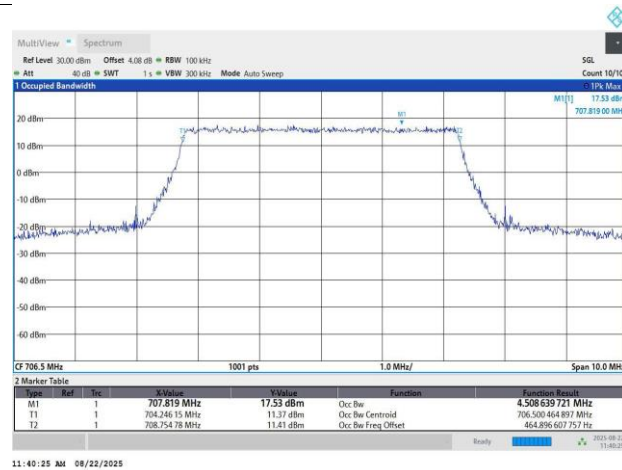
3.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.51	5.13	See graph
Band17	5MHz	QPSK	23790	25RB#0	4.51	5.13	See graph
Band17	5MHz	QPSK	23825	25RB#0	4.52	5.13	See graph
Band17	5MHz	16QAM	23755	25RB#0	4.51	5.14	See graph
Band17	5MHz	16QAM	23790	25RB#0	4.52	5.16	See graph
Band17	5MHz	16QAM	23825	25RB#0	4.51	5.13	See graph
Band17	5MHz	64QAM	23755	25RB#0	4.51	5.17	See graph
Band17	5MHz	64QAM	23790	25RB#0	4.5	5.14	See graph
Band17	5MHz	64QAM	23825	25RB#0	4.51	5.13	See graph
Band17	10MHz	QPSK	23780	50RB#0	9.0	10.07	See graph
Band17	10MHz	QPSK	23790	50RB#0	9.0	10.15	See graph
Band17	10MHz	QPSK	23800	50RB#0	9.0	10.05	See graph
Band17	10MHz	16QAM	23780	50RB#0	9.0	10.05	See graph
Band17	10MHz	16QAM	23790	50RB#0	9.0	10.07	See graph
Band17	10MHz	16QAM	23800	50RB#0	9.0	10.09	See graph
Band17	10MHz	64QAM	23780	50RB#0	9.0	10.07	See graph
Band17	10MHz	64QAM	23790	50RB#0	9.01	10.07	See graph
Band17	10MHz	64QAM	23800	50RB#0	8.99	9.99	See graph

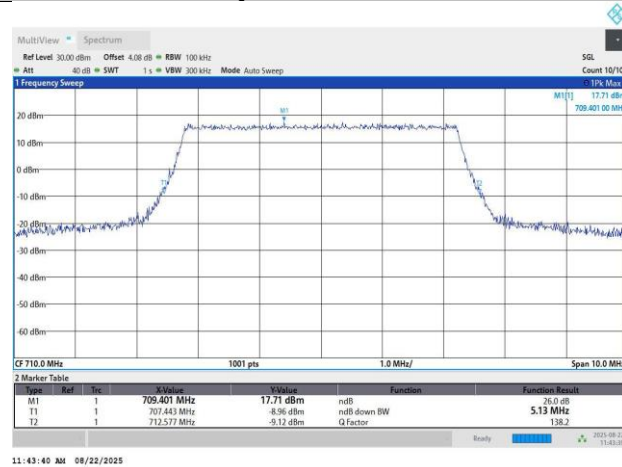
3.2 Test Plots



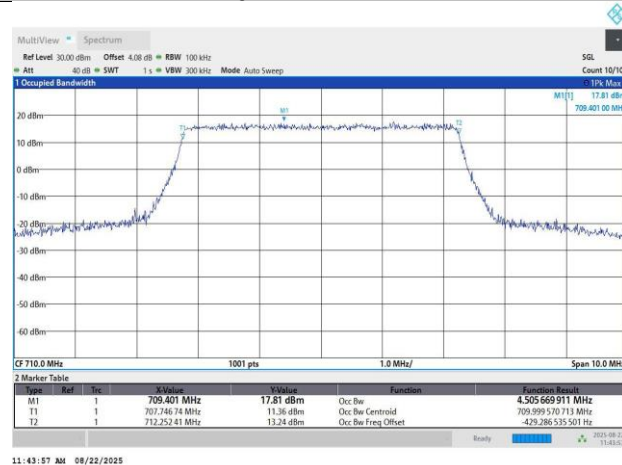
Band17-5MHz-QPSK-23755-25RB#0-4.51-5.13



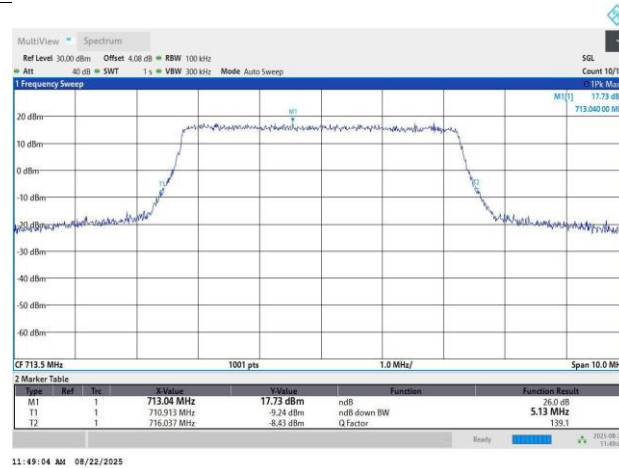
Band17-5MHz-QPSK-23755-25RB#0-4.51-5.13



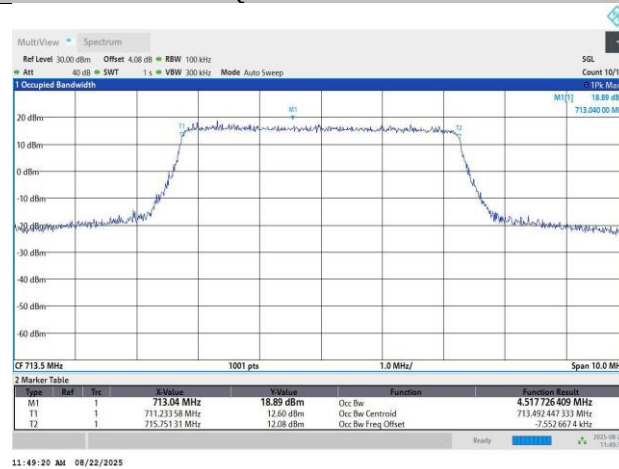
Band17-5MHz-QPSK-23790-25RB#0-4.51-5.13



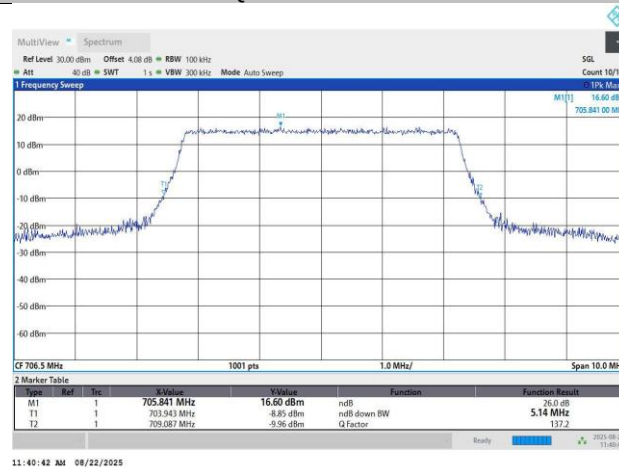
Band17-5MHz-QPSK-23790-25RB#0-4.51-5.13



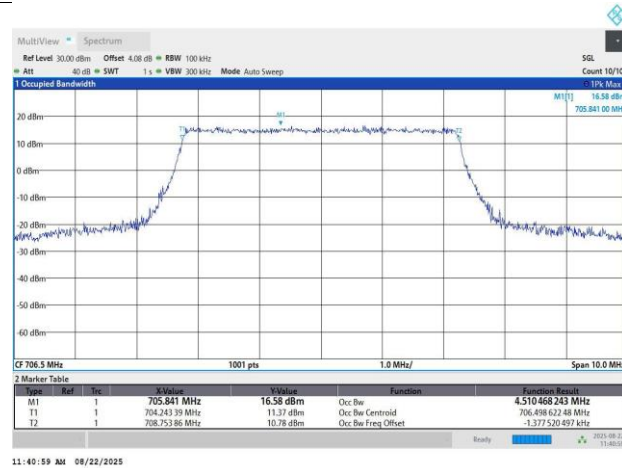
Band17-5MHz-QPSK-23825-25RB#0-4.52-5.13



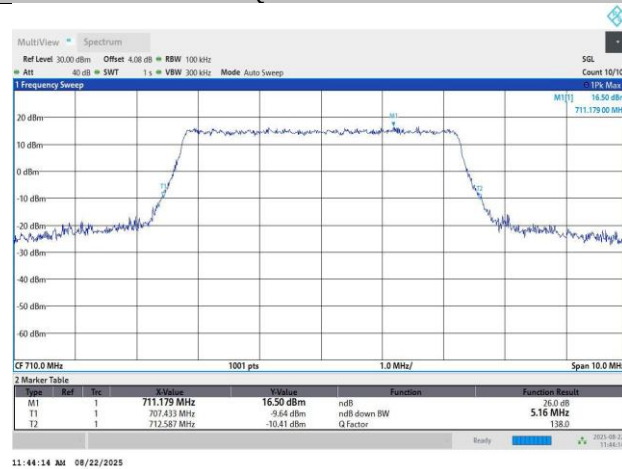
Band17-5MHz-QPSK-23825-25RB#0-4.52-5.13



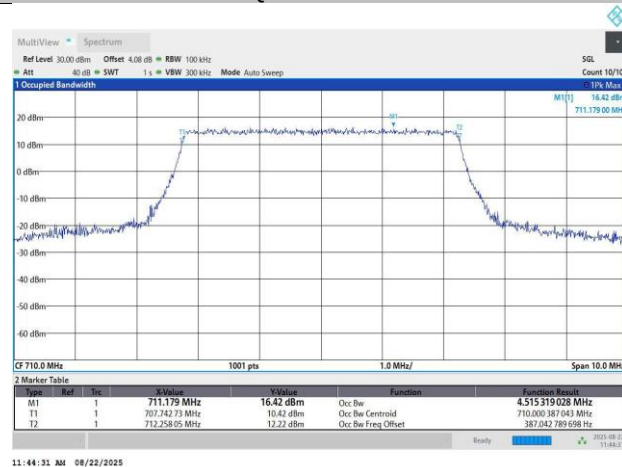
Band17-5MHz-16QAM-23755-25RB#0-4.51-5.14



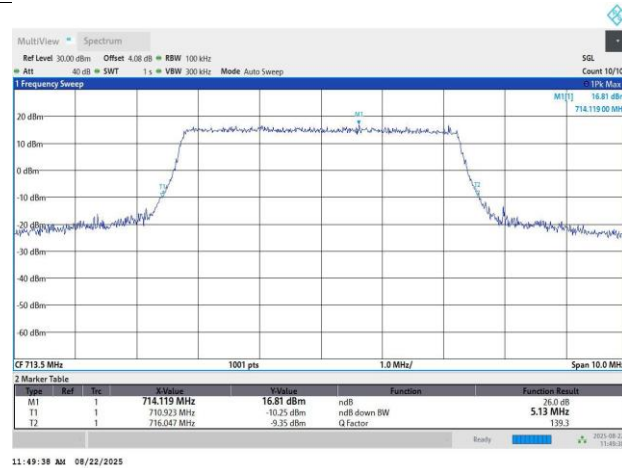
Band17-5MHz-16QAM-23755-25RB#0-4.51-5.14



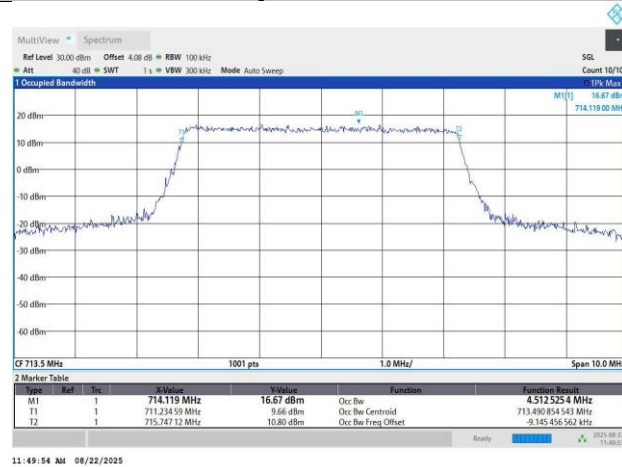
Band17-5MHz-16QAM-23790-25RB#0-4.52-5.16



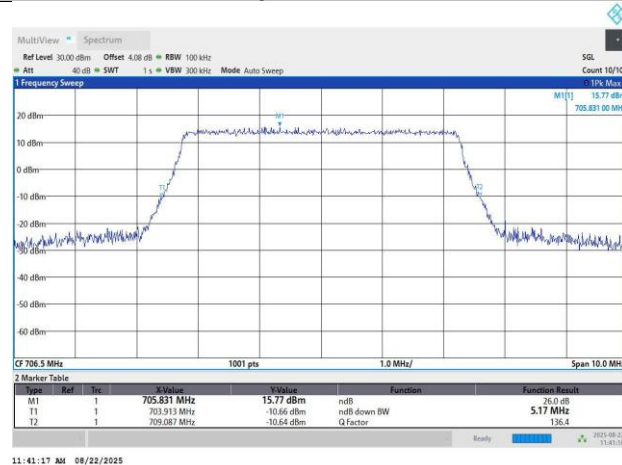
Band17-5MHz-16QAM-23790-25RB#0-4.52-5.16



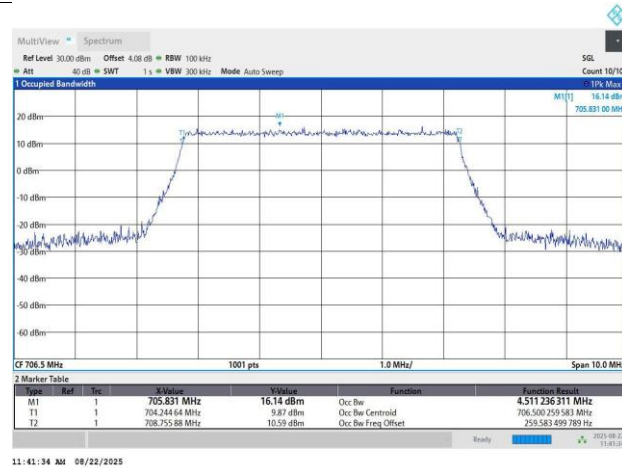
Band17-5MHz-16QAM-23825-25RB#0-4.51-5.13



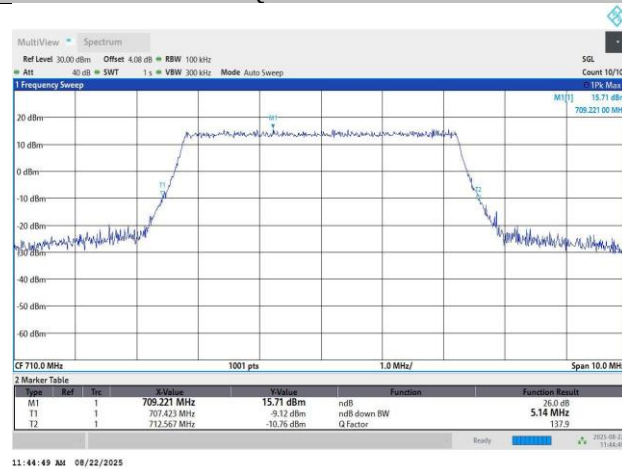
Band17-5MHz-16QAM-23825-25RB#0-4.51-5.13



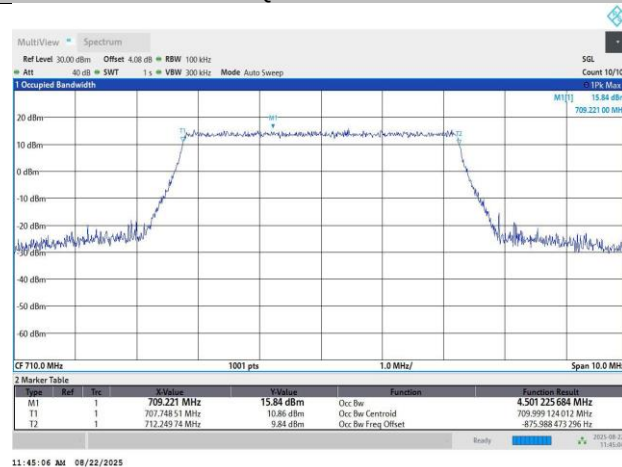
Band17-5MHz-64QAM-23755-25RB#0-4.51-5.17



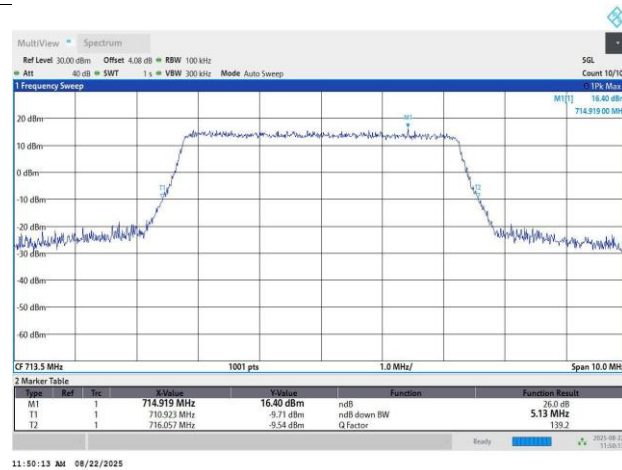
Band17-5MHz-64QAM-23755-25RB#0-4.51-5.17



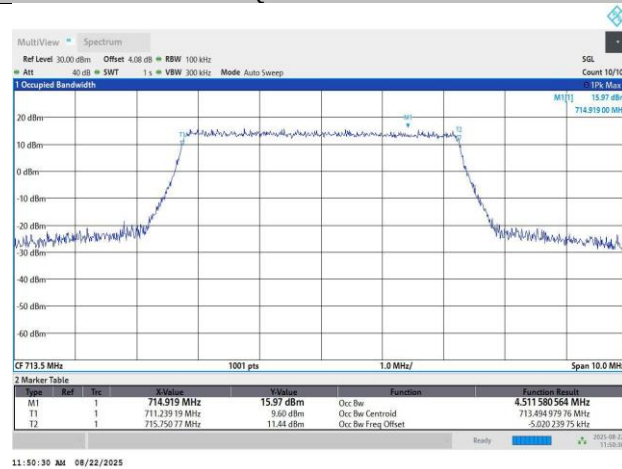
Band17-5MHz-64QAM-23790-25RB#0-4.5-5.14



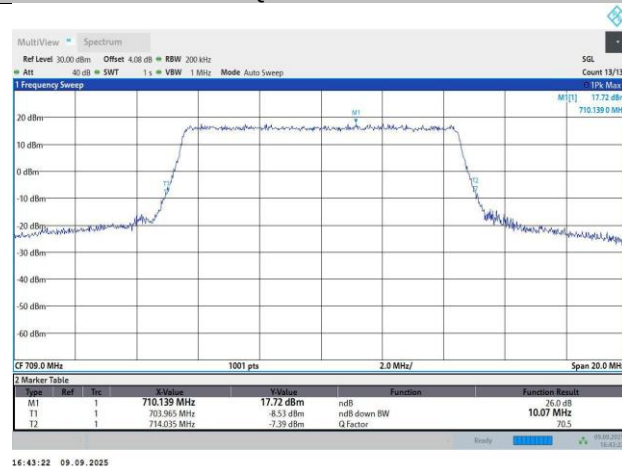
Band17-5MHz-64QAM-23790-25RB#0-4.5-5.14



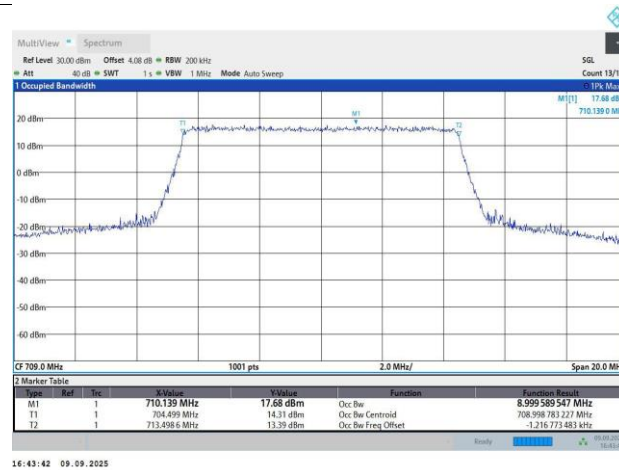
Band17-5MHz-64QAM-23825-25RB#0-4.51-5.13



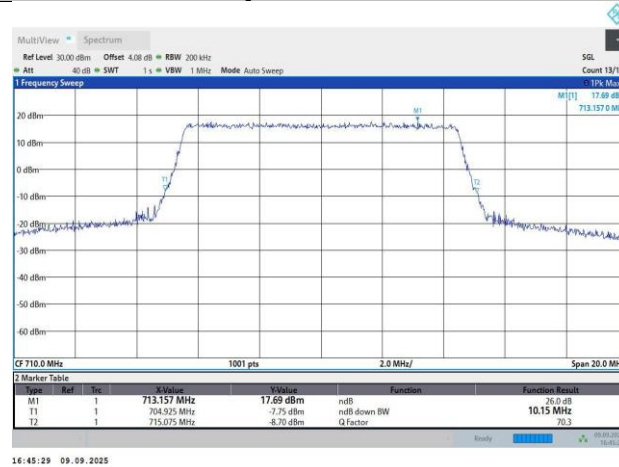
Band17-5MHz-64QAM-23825-25RB#0-4.51-5.14



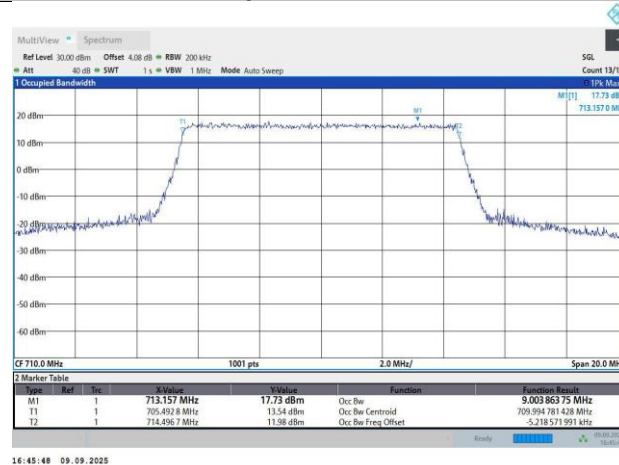
Band17-10MHz-QPSK-23780-50RB#0-9.0-10.07



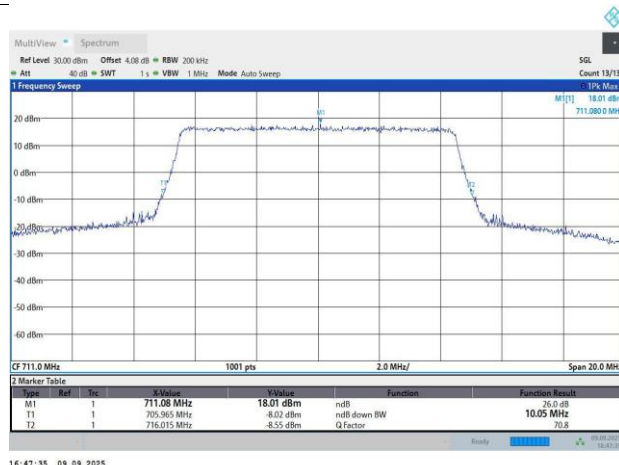
Band17-10MHz-QPSK-23780-50RB#0-9.0-10.07



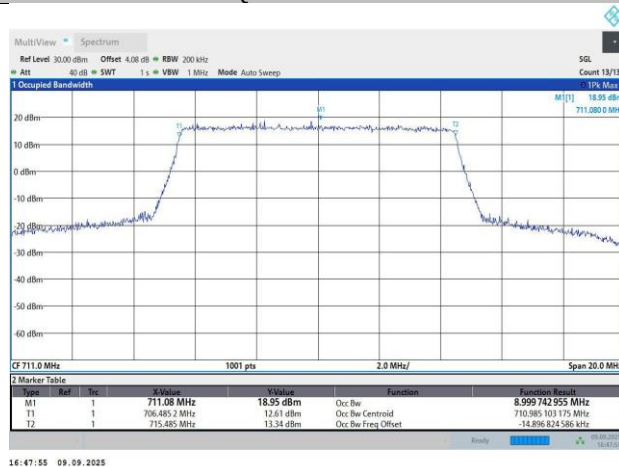
Band17-10MHz-QPSK-23790-50RB#0-9.0-10.15



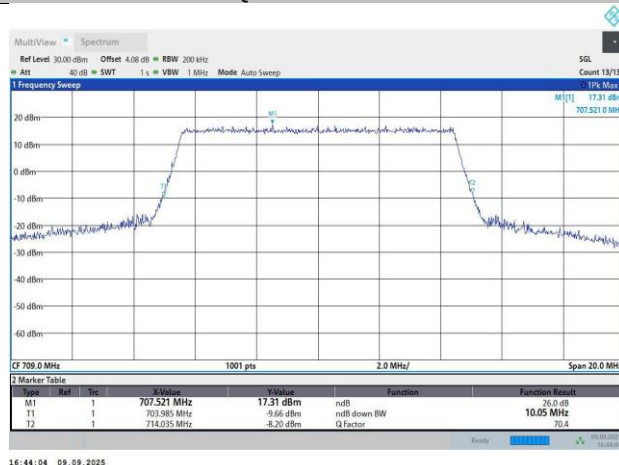
Band17-10MHz-QPSK-23790-50RB#0-9.0-10.15



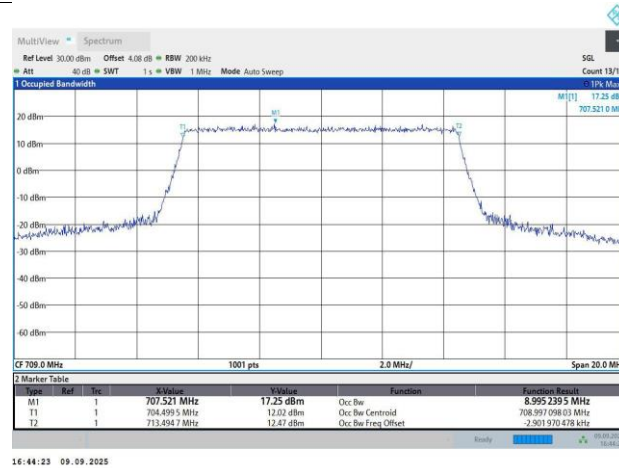
Band17-10MHz-QPSK-23800-50RB#0-9.0-10.05



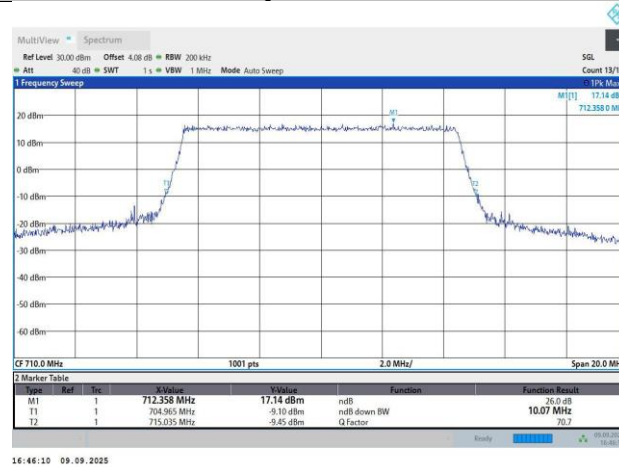
Band17-10MHz-QPSK-23800-50RB#0-9.0-10.05



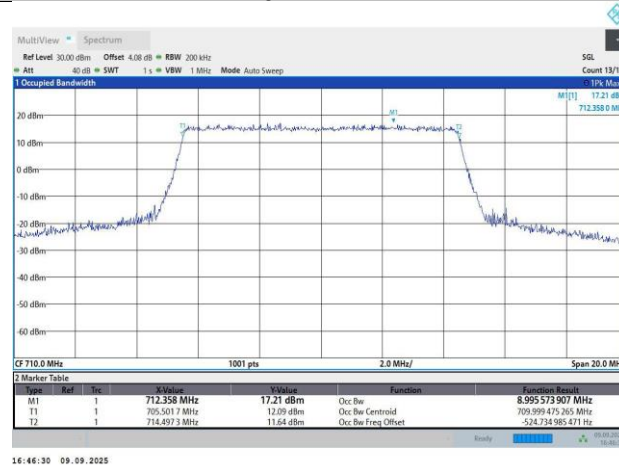
Band17-10MHz-16QAM-23780-50RB#0-9.0-10.05



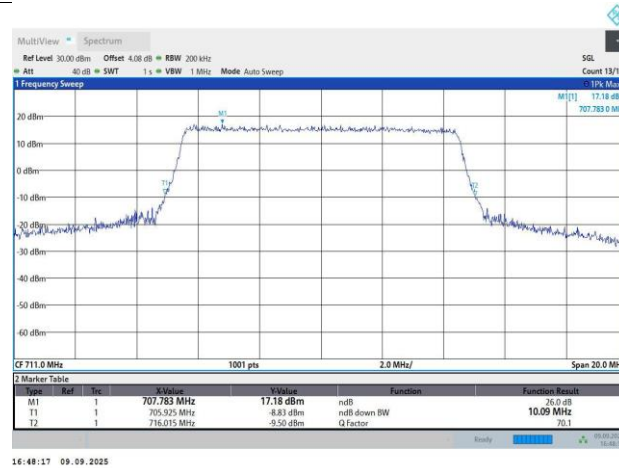
Band17-10MHz-16QAM-23780-50RB#0-9.0-10.05



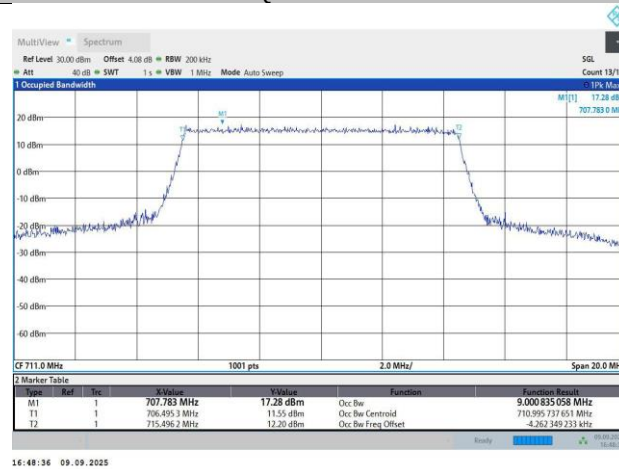
Band17-10MHz-16QAM-23790-50RB#0-9.0-10.07



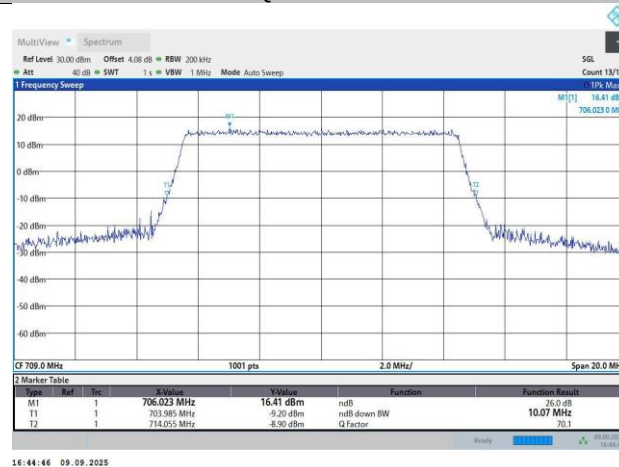
Band17-10MHz-16QAM-23790-50RB#0-9.0-10.07



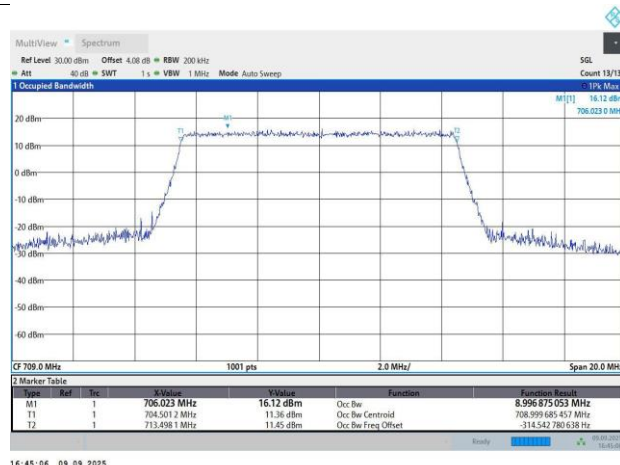
Band17-10MHz-16QAM-23800-50RB#0-9.0-10.09



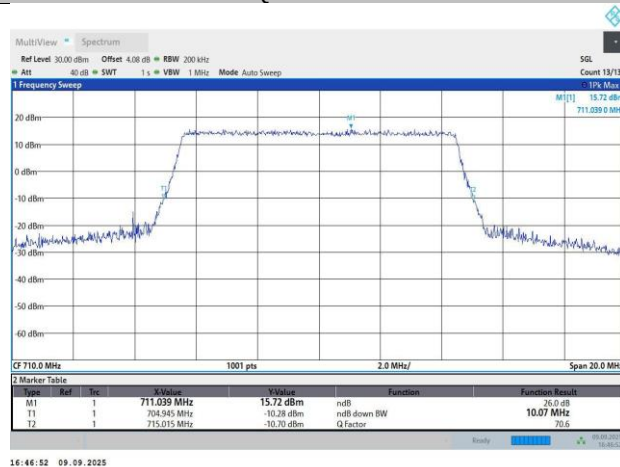
Band17-10MHz-16QAM-23800-50RB#0-9.0-10.09



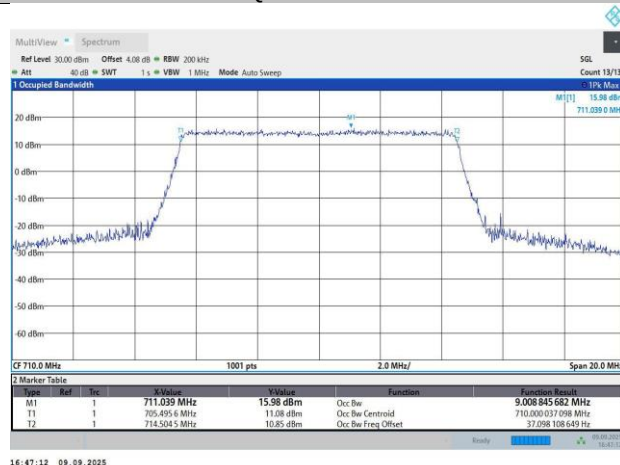
Band17-10MHz-64QAM-23780-50RB#0-9.0-10.07



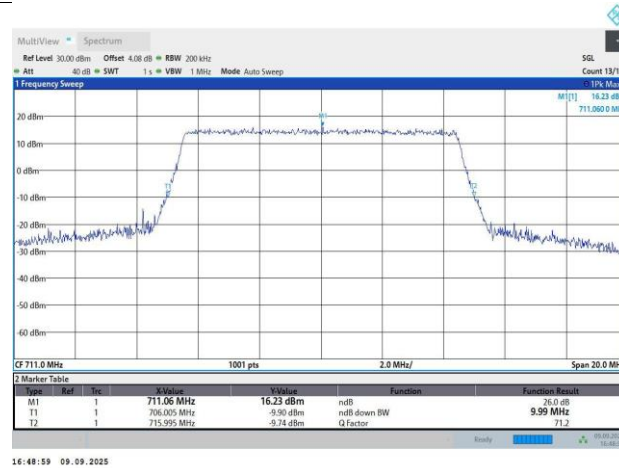
Band17-10MHz-64QAM-23780-50RB#0-9.0-10.07



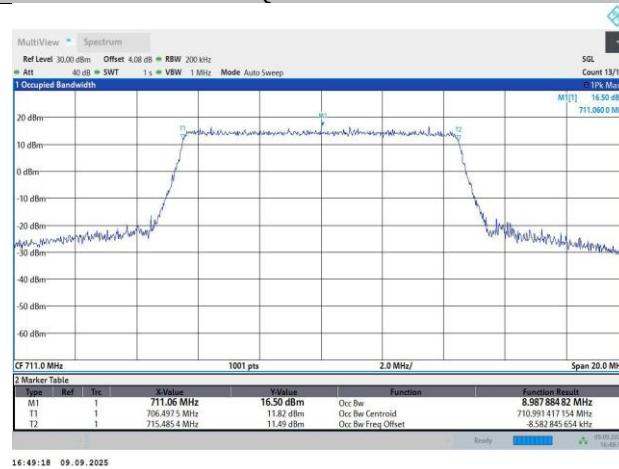
Band17-10MHz-64QAM-23790-50RB#0-9.01-10.07



Band17-10MHz-64QAM-23790-50RB#0-9.01-10.07



Band17-10MHz-64QAM-23800-50RB#0-8.99-9.99



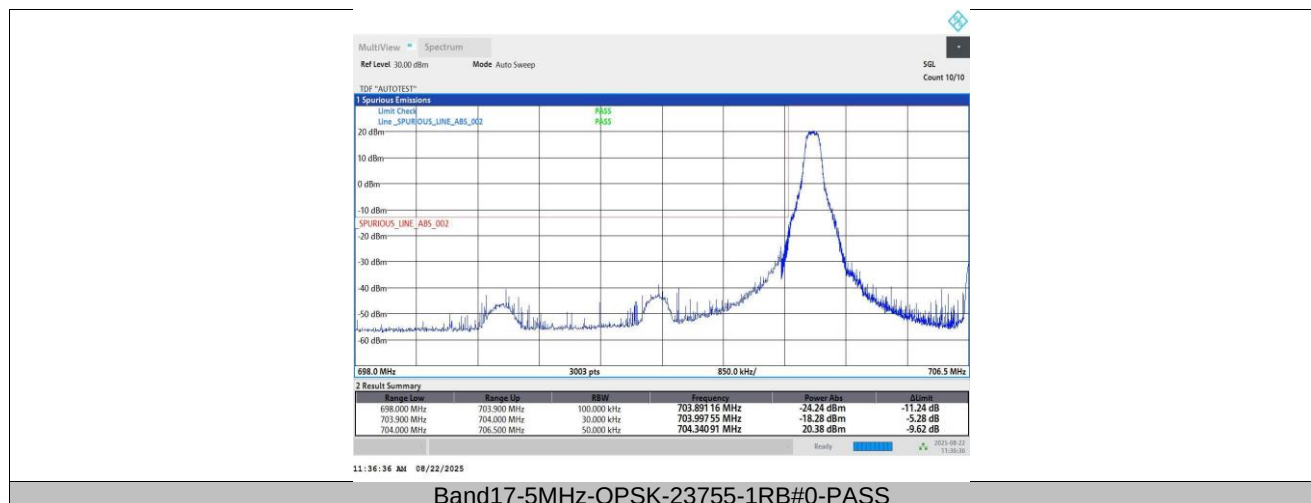
Band17-10MHz-64QAM-23800-50RB#0-8.99-9.99

4 Appendix D: Band Edge

4.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result	Verdict
Band17	5MHz	QPSK	23755	1RB#0	See graph	PASS
Band17	5MHz	QPSK	23755	12RB#0	See graph	PASS
Band17	5MHz	QPSK	23755	25RB#0	See graph	PASS
Band17	5MHz	QPSK	23825	1RB#24	See graph	PASS
Band17	5MHz	QPSK	23825	12RB#13	See graph	PASS
Band17	5MHz	QPSK	23825	25RB#0	See graph	PASS
Band17	5MHz	16QAM	23755	1RB#0	See graph	PASS
Band17	5MHz	16QAM	23755	12RB#0	See graph	PASS
Band17	5MHz	16QAM	23755	25RB#0	See graph	PASS
Band17	5MHz	16QAM	23825	1RB#24	See graph	PASS
Band17	5MHz	16QAM	23825	12RB#13	See graph	PASS
Band17	5MHz	16QAM	23825	25RB#0	See graph	PASS
Band17	5MHz	64QAM	23755	1RB#0	See graph	PASS
Band17	5MHz	64QAM	23755	12RB#0	See graph	PASS
Band17	5MHz	64QAM	23755	25RB#0	See graph	PASS
Band17	5MHz	64QAM	23825	1RB#24	See graph	PASS
Band17	5MHz	64QAM	23825	12RB#13	See graph	PASS
Band17	5MHz	64QAM	23825	25RB#0	See graph	PASS
Band17	10MHz	QPSK	23780	1RB#0	See graph	PASS
Band17	10MHz	QPSK	23780	25RB#0	See graph	PASS
Band17	10MHz	QPSK	23780	50RB#0	See graph	PASS
Band17	10MHz	QPSK	23800	1RB#49	See graph	PASS
Band17	10MHz	QPSK	23800	25RB#25	See graph	PASS
Band17	10MHz	QPSK	23800	50RB#0	See graph	PASS
Band17	10MHz	16QAM	23780	1RB#0	See graph	PASS
Band17	10MHz	16QAM	23780	25RB#0	See graph	PASS
Band17	10MHz	16QAM	23780	50RB#0	See graph	PASS
Band17	10MHz	16QAM	23800	1RB#49	See graph	PASS
Band17	10MHz	16QAM	23800	25RB#25	See graph	PASS
Band17	10MHz	16QAM	23800	50RB#0	See graph	PASS
Band17	10MHz	64QAM	23780	1RB#0	See graph	PASS
Band17	10MHz	64QAM	23780	25RB#0	See graph	PASS
Band17	10MHz	64QAM	23780	50RB#0	See graph	PASS
Band17	10MHz	64QAM	23800	1RB#49	See graph	PASS
Band17	10MHz	64QAM	23800	25RB#25	See graph	PASS
Band17	10MHz	64QAM	23800	50RB#0	See graph	PASS

4.2 Test Plots

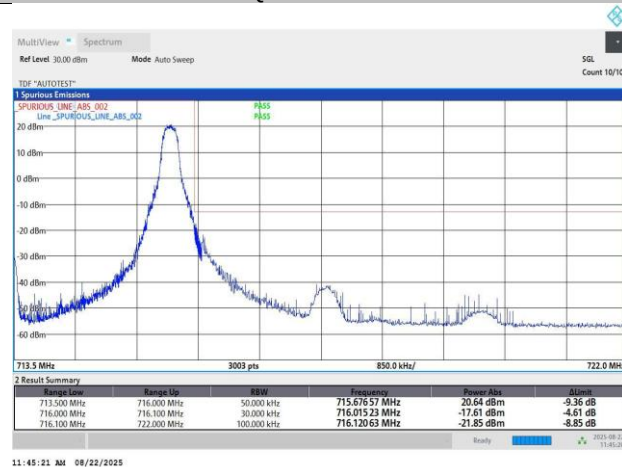




Band17-5MHz-QPSK-23755-12RB#0-PASS



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



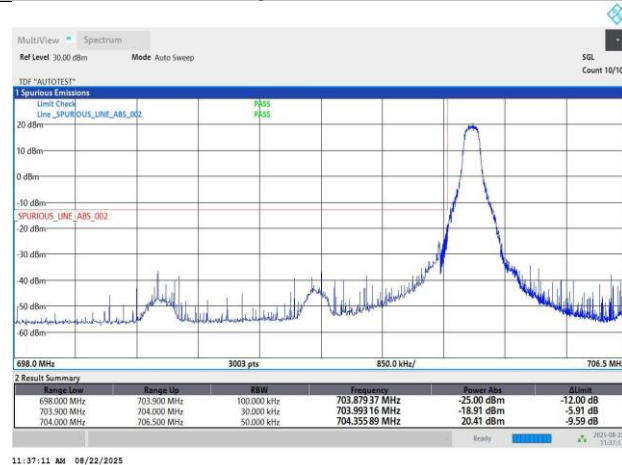
Band17-5MHz-QPSK-23825-1RB#24-PASS



Band17-5MHz-QPSK-23825-12RB#13-PASS



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



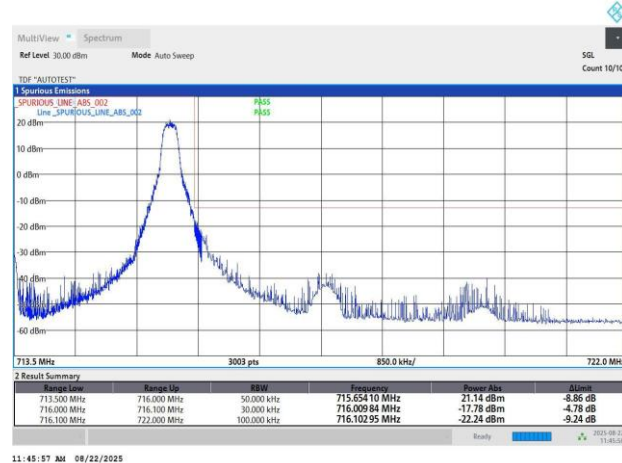
Band17-5MHz-16QAM-23755-1RB#0-PASS



Band17-5MHz-16QAM-23755-12RB#0-PASS



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



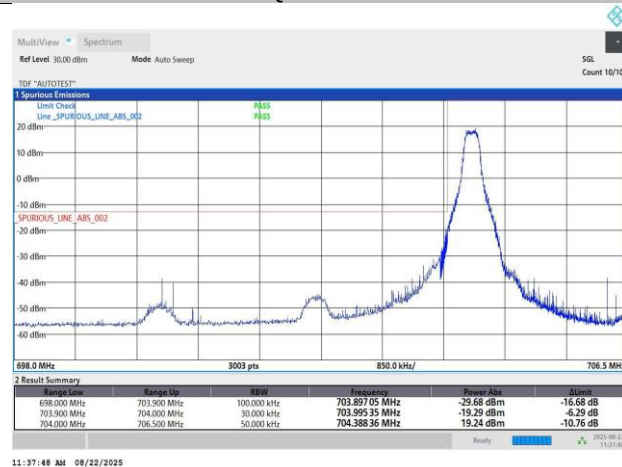
Band17-5MHz-16QAM-23825-1RB#24-PASS



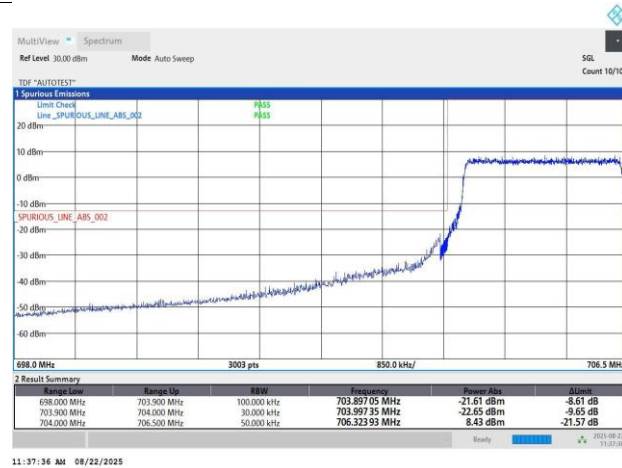
Band17-5MHz-16QAM-23825-12RB#13-PASS



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



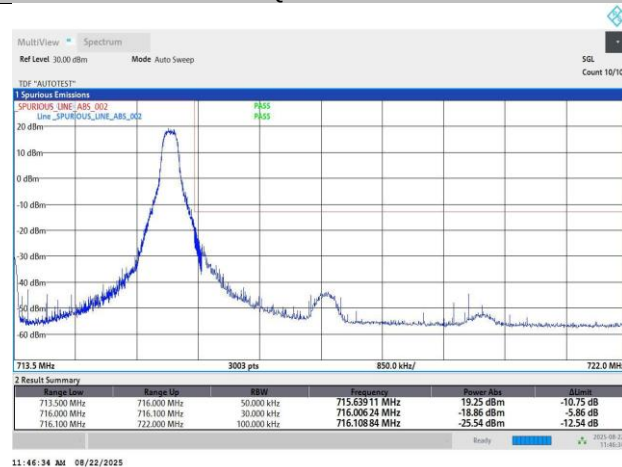
Band17-5MHz-64QAM-23755-1RB#0-PASS



Band17-5MHz-64QAM-23755-12RB#0-PASS



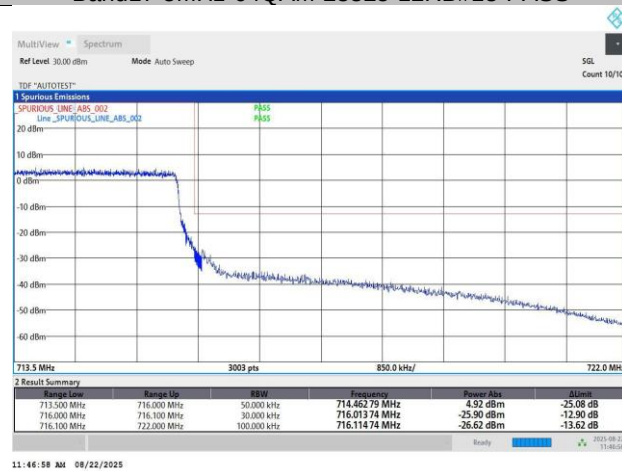
Band17-5MHz-64QAM-23755-25RB#0-PASS



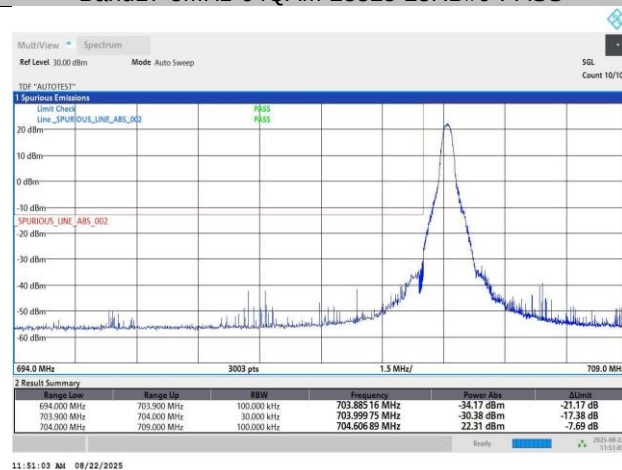
Band17-5MHz-64QAM-23825-1RB#24-PASS



Band17-5MHz-64QAM-23825-12RB#13-PASS



Band17-5MHz-64QAM-23825-25RB#0-PASS



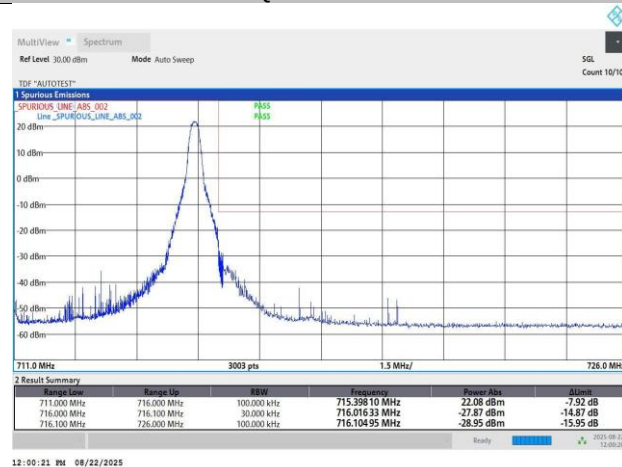
Band17-10MHz-QPSK-23780-1RB#0-PASS



Band17-10MHz-QPSK-23780-25RB#0-PASS



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



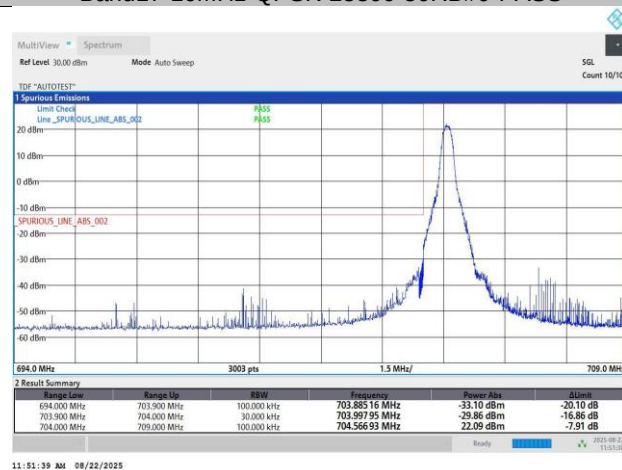
Band17-10MHz-QPSK-23800-1RB#49-PASS



Band17-10MHz-QPSK-23800-25RB#25-PASS



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



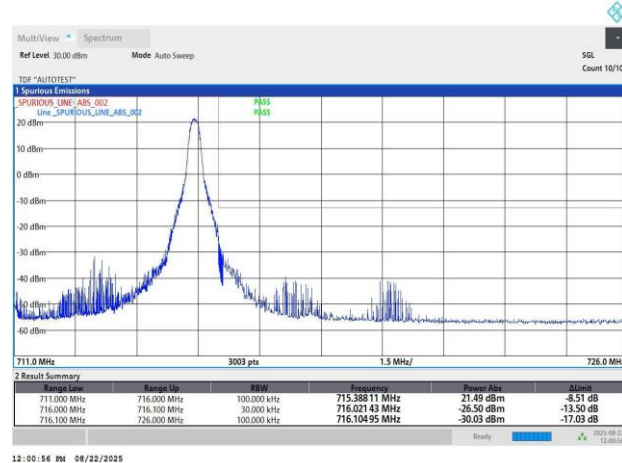
Band17-10MHz-16QAM-23780-1RB#0-PASS



Band17-10MHz-16QAM-23780-25RB#0-PASS



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



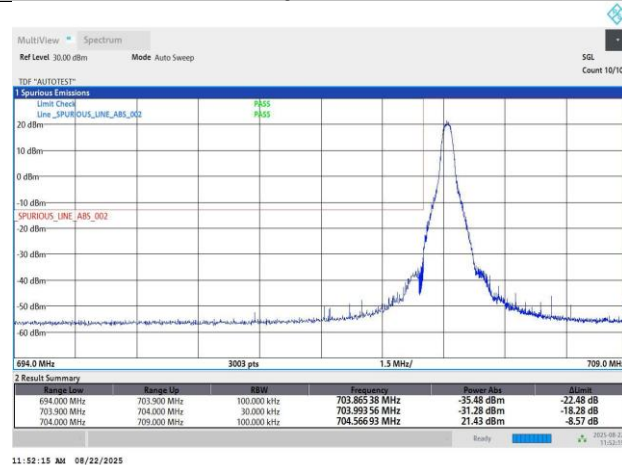
Band17-10MHz-16QAM-23800-1RB#49-PASS



Band17-10MHz-16QAM-23800-25RB#25-PASS



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



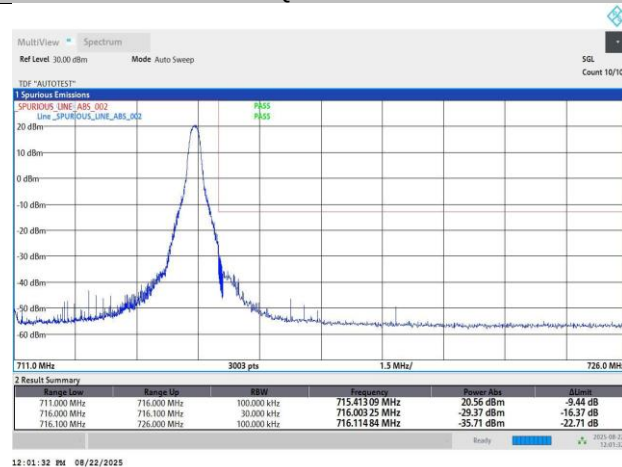
Band17-10MHz-64QAM-23780-1RB#0-PASS



Band17-10MHz-64QAM-23780-25RB#0-PASS



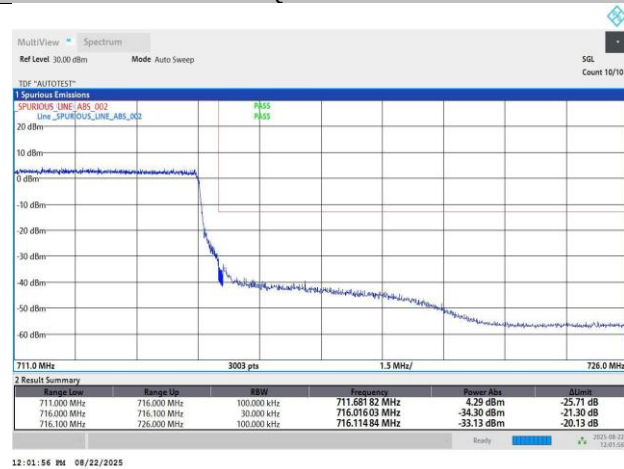
Band17-10MHz-64QAM-23780-50RB#0-PASS



Band17-10MHz-64QAM-23800-1RB#49-PASS



Band17-10MHz-64QAM-23800-25RB#25-PASS



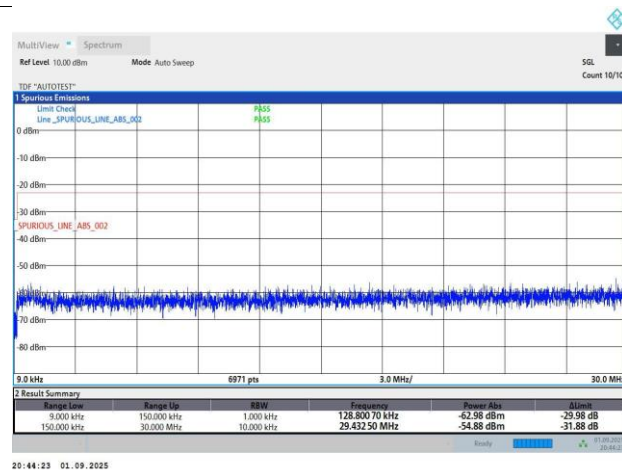
Band17-10MHz-64QAM-23800-50RB#0-PASS

5 Appendix E: Conducted Spurious Emission

5.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Result	Verdict
Band17	5MHz	QPSK	23755	1RB#0	See graph	PASS
Band17	5MHz	QPSK	23790	1RB#0	See graph	PASS
Band17	5MHz	QPSK	23825	1RB#0	See graph	PASS
Band17	10MHz	QPSK	23780	1RB#0	See graph	PASS
Band17	10MHz	QPSK	23790	1RB#0	See graph	PASS
Band17	10MHz	QPSK	23800	1RB#0	See graph	PASS

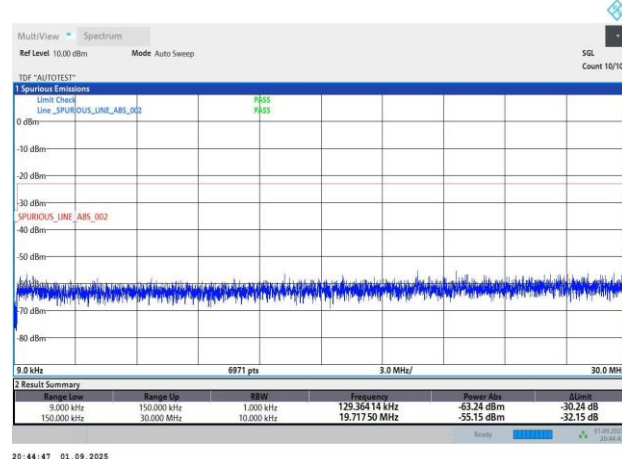
5.2 Test Plots



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



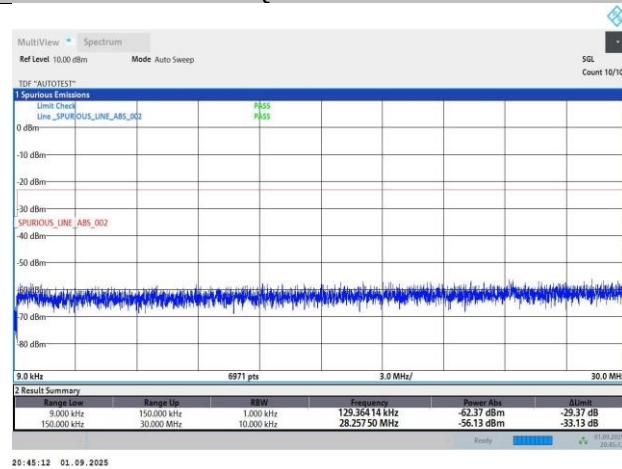
Band17-5MHz-QPSK-23755-1RB#0-PASS



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



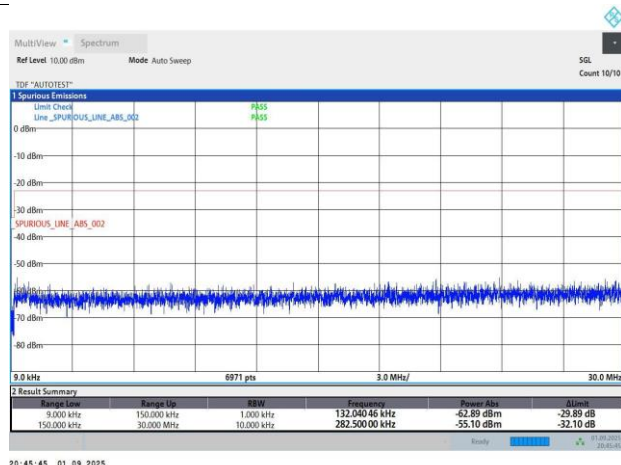
Band17-5MHz-QPSK-23790-1RB#0-PASS



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



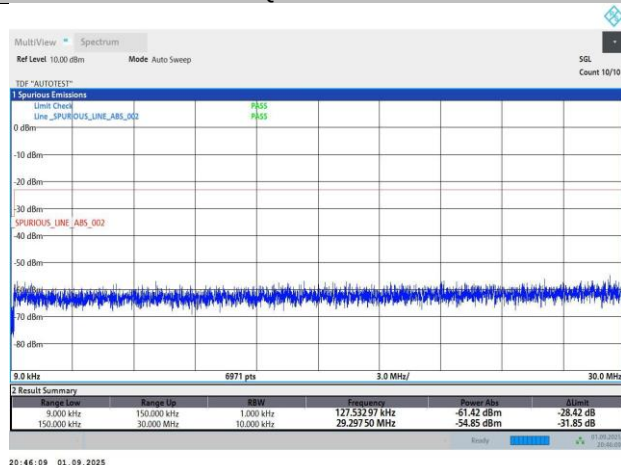
Band17-5MHz-QPSK-23825-1RB#0-PASS



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



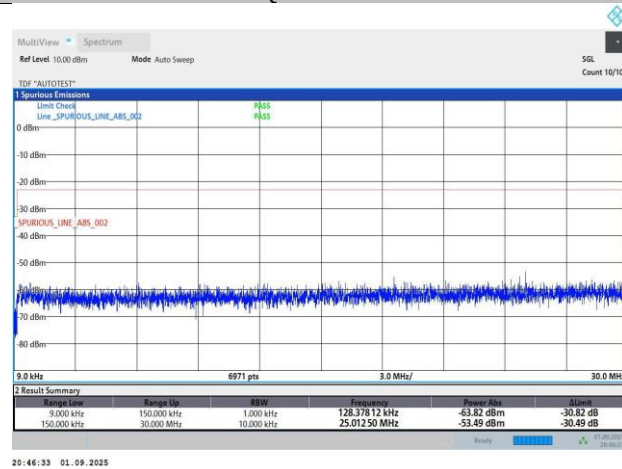
Band17-10MHz-QPSK-23780-1RB#0-PASS



Band17-10MHz-QPSK-23790-1RB#0-PASS



Band17-10MHz-QPSK-23790-1RB#0-PASS



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



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

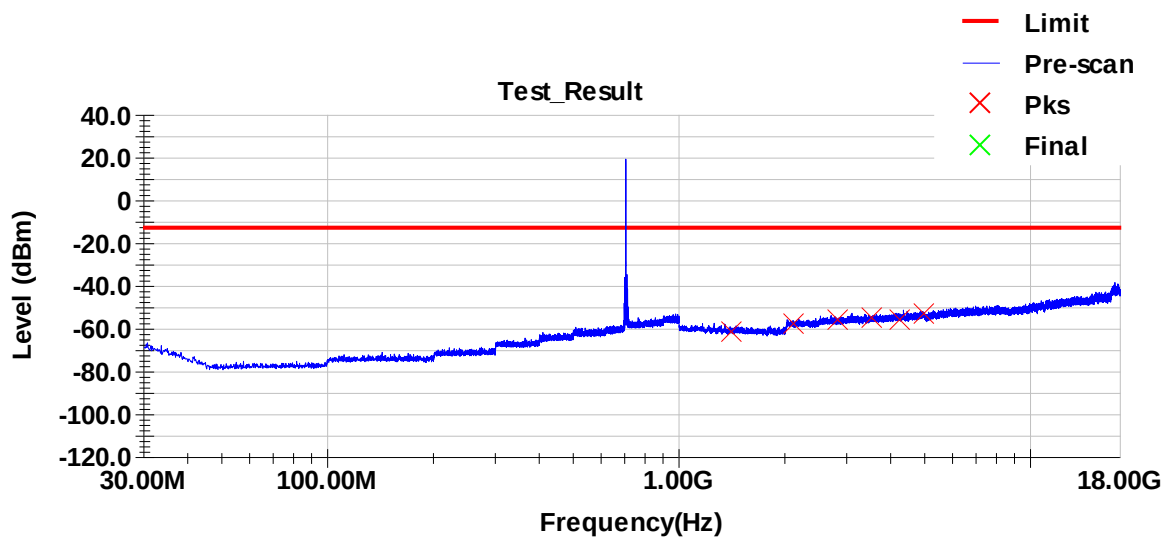
6 Appendix F: Radiated spurious emissions

Remark:

- The pre-tests cover all operation mode of EUT and the test reports show only the worst.
- If the margin is greater than 10dB, it is considered to meet the standard and no further test is conducted.
- The part of the graph that exceeds the limit is RF fundamental frequency and it should be excluded against the limits.

6.1 Test Result

The worst mode: LTE B17_LINK/ANT 13-BW10M-Mid-QPSK



Frequency(MHz)	Measure Level(dBuV)	Factor	EIRP_CF	EIRP Result(dBm)	Limit(dBm)	Margin(dB)	Pol
1420.000	48.39	32.20	-95.200	-61.87	-13.00	48.87	V
2130.000	48.95	32.68	-95.200	-57.88	-13.00	44.88	V
2840.000	48.72	35.13	-95.200	-56.20	-13.00	43.20	V
3550.000	47.74	-7.84	-95.200	-55.30	-13.00	42.30	V
4260.000	46.54	-6.87	-95.200	-55.53	-13.00	42.53	V
4970.000	47.54	-5.49	-95.200	-53.15	-13.00	40.15	V

7 Appendix G: Frequency Stability

7.1 Test Result

Band	Channel bandwidth	Modulation	Channel	RB Configure	Voltage (Vdc)	Temperature (°C)	deviation (Hz)	deviation (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	NV	NT	-0.1	- 0.000141	PASS
Band17	10MHz	QPSK	23780	50RB#0	LV	NT	-1.3	- 0.001834	PASS
Band17	10MHz	QPSK	23780	50RB#0	HV	NT	-0.3	- 0.000423	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	NT	0.3	0.000423	PASS
Band17	10MHz	QPSK	23790	50RB#0	LV	NT	0.3	0.000423	PASS
Band17	10MHz	QPSK	23790	50RB#0	HV	NT	0.4	0.000563	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	NT	0.9	0.001266	PASS
Band17	10MHz	QPSK	23800	50RB#0	LV	NT	-1.6	- 0.002250	PASS
Band17	10MHz	QPSK	23800	50RB#0	HV	NT	-0.7	- 0.000985	PASS

Band	Channel bandwidth	Modulation	Channel	RB Configure	Voltage (Vdc)	Temperature (°C)	deviation (Hz)	deviation (ppm)	Verdict
Band 17	10MHz	QPSK	23780	50RB#0	NV	-30	-0.5	- 0.000269	PASS
Band 17	10MHz	QPSK	23780	50RB#0	NV	-20	-1.9	- 0.001011	PASS
Band 17	10MHz	QPSK	23780	50RB#0	NV	-10	-1.1	- 0.000579	PASS
Band 17	10MHz	QPSK	23780	50RB#0	NV	0	-2.8	- 0.001628	PASS
Band 17	10MHz	QPSK	23780	50RB#0	NV	10	-1.5	- 0.000866	PASS
Band 17	10MHz	QPSK	23780	50RB#0	NV	20	-1.1	- 0.000630	PASS
Band 17	10MHz	QPSK	23780	50RB#0	NV	30	1.2	0.001448	PASS
Band 17	10MHz	QPSK	23780	50RB#0	NV	40	-1.9	- 0.000705	PASS
Band 17	10MHz	QPSK	23780	50RB#0	NV	50	-1.6	- 0.002680	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	-30	0.8	- 0.001551	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	-20	1.3	- 0.003949	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	-10	-1.3	- 0.002116	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	0	1.3	- 0.001551	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	10	0.7	0.001693	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	20	1.4	- 0.002680	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	30	-0.1	- 0.002257	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	40	0.0	0.001127	PASS
Band 17	10MHz	QPSK	23790	50RB#0	NV	50	1.8	0.001831	PASS
Band 17	10MHz	QPSK	23800	50RB#0	NV	-30	-2.9	- 0.001831	PASS
Band 17	10MHz	QPSK	23800	50RB#0	NV	-20	-2.5	0.001831	PASS
Band 17	10MHz	QPSK	23800	50RB#0	NV	-10	0.2	0.000986	PASS
Band 17	10MHz	QPSK	23800	50RB#0	NV	0	-2.2	0.001972	PASS

Band 17	10MHz	QPSK	23800	50RB#0	NV	10	-1.7	- 0.000141	PASS
Band 17	10MHz	QPSK	23800	50RB#0	NV	20	0.1	0.000000	PASS
Band 17	10MHz	QPSK	23800	50RB#0	NV	30	-0.4	0.002535	PASS
Band 17	10MHz	QPSK	23800	50RB#0	NV	40	-2.0	- 0.004079	PASS
Band 17	10MHz	QPSK	23800	50RB#0	NV	50	-1.2	- 0.003516	PASS

END