

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Test Result(WCDMA)

Band	Channel	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band5	4132	23.56	21.08	38.45	PASS
Band5	4182	23.49	21.01	38.45	PASS
Band5	4233	23.56	21.08	38.45	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band5	4132	SubTest-1	22.67	20.19	38.45	PASS
Band5	4182	SubTest-1	22.51	20.03	38.45	PASS
Band5	4233	SubTest-1	22.51	20.03	38.45	PASS
Band5	4132	SubTest-2	22.11	19.63	38.45	PASS
Band5	4182	SubTest-2	22.00	19.52	38.45	PASS
Band5	4233	SubTest-2	21.94	19.46	38.45	PASS
Band5	4132	SubTest-3	22.09	19.61	38.45	PASS
Band5	4182	SubTest-3	22.03	19.55	38.45	PASS
Band5	4233	SubTest-3	21.92	19.44	38.45	PASS
Band5	4132	SubTest-4	22.10	19.62	38.45	PASS
Band5	4182	SubTest-4	22.00	19.52	38.45	PASS
Band5	4233	SubTest-4	21.93	19.45	38.45	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band5	4132	SubTest-1	20.63	18.15	38.45	PASS
Band5	4182	SubTest-1	20.45	17.97	38.45	PASS
Band5	4233	SubTest-1	20.53	18.05	38.45	PASS
Band5	4132	SubTest-2	20.68	18.2	38.45	PASS
Band5	4182	SubTest-2	20.58	18.1	38.45	PASS
Band5	4233	SubTest-2	20.50	18.02	38.45	PASS
Band5	4132	SubTest-3	21.63	19.15	38.45	PASS
Band5	4182	SubTest-3	21.43	18.95	38.45	PASS
Band5	4233	SubTest-3	21.41	18.93	38.45	PASS
Band5	4132	SubTest-4	20.04	17.56	38.45	PASS
Band5	4182	SubTest-4	19.97	17.49	38.45	PASS
Band5	4233	SubTest-4	19.94	17.46	38.45	PASS
Band5	4132	SubTest-5	20.59	18.11	38.45	PASS
Band5	4182	SubTest-5	20.48	18	38.45	PASS

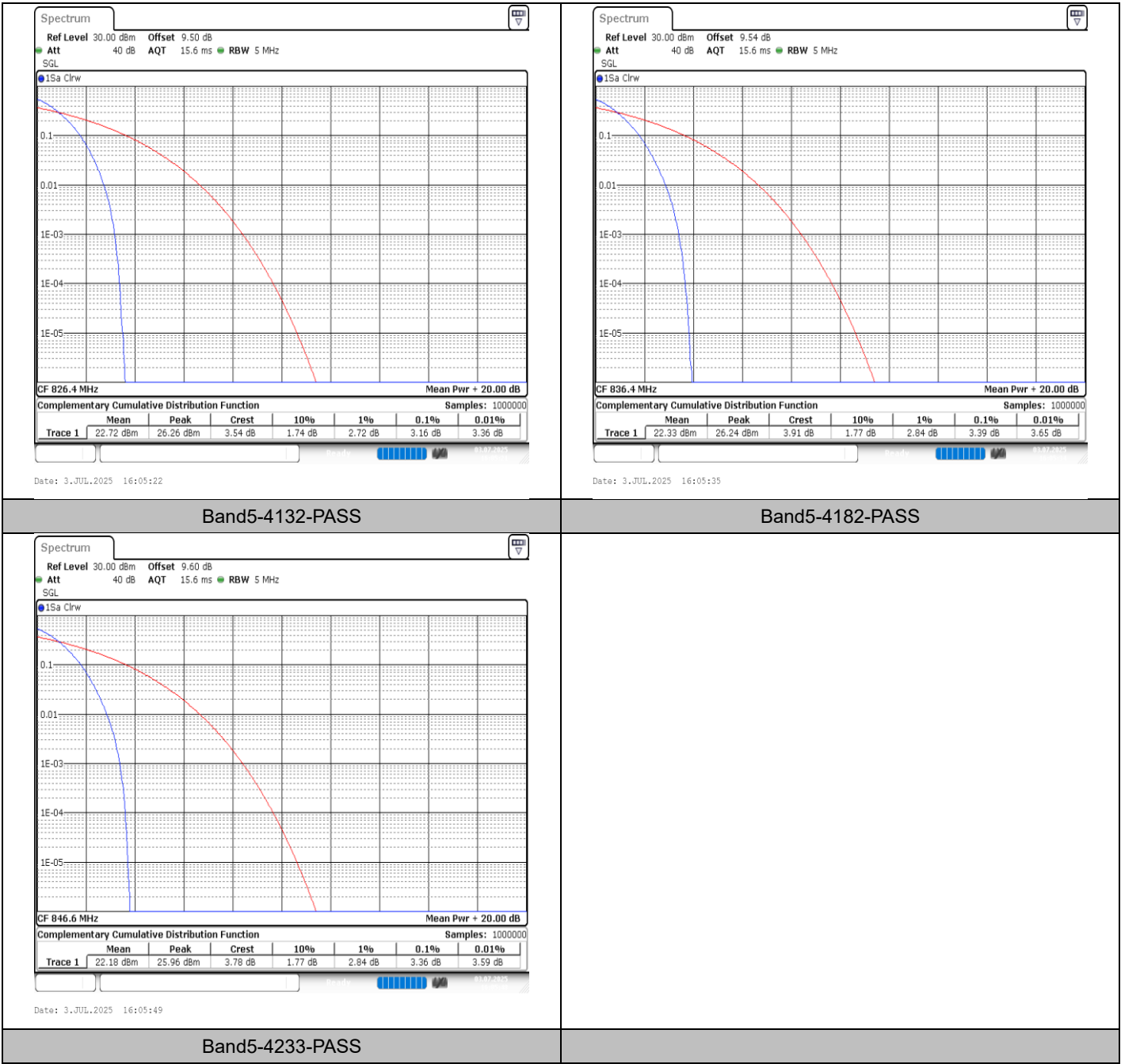
Band5	4233	SubTest-5	20.50	18.02	38.45	PASS
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Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band5	4132	3.16	13	PASS
Band5	4182	3.39	13	PASS
Band5	4233	3.36	13	PASS

Test Graphs

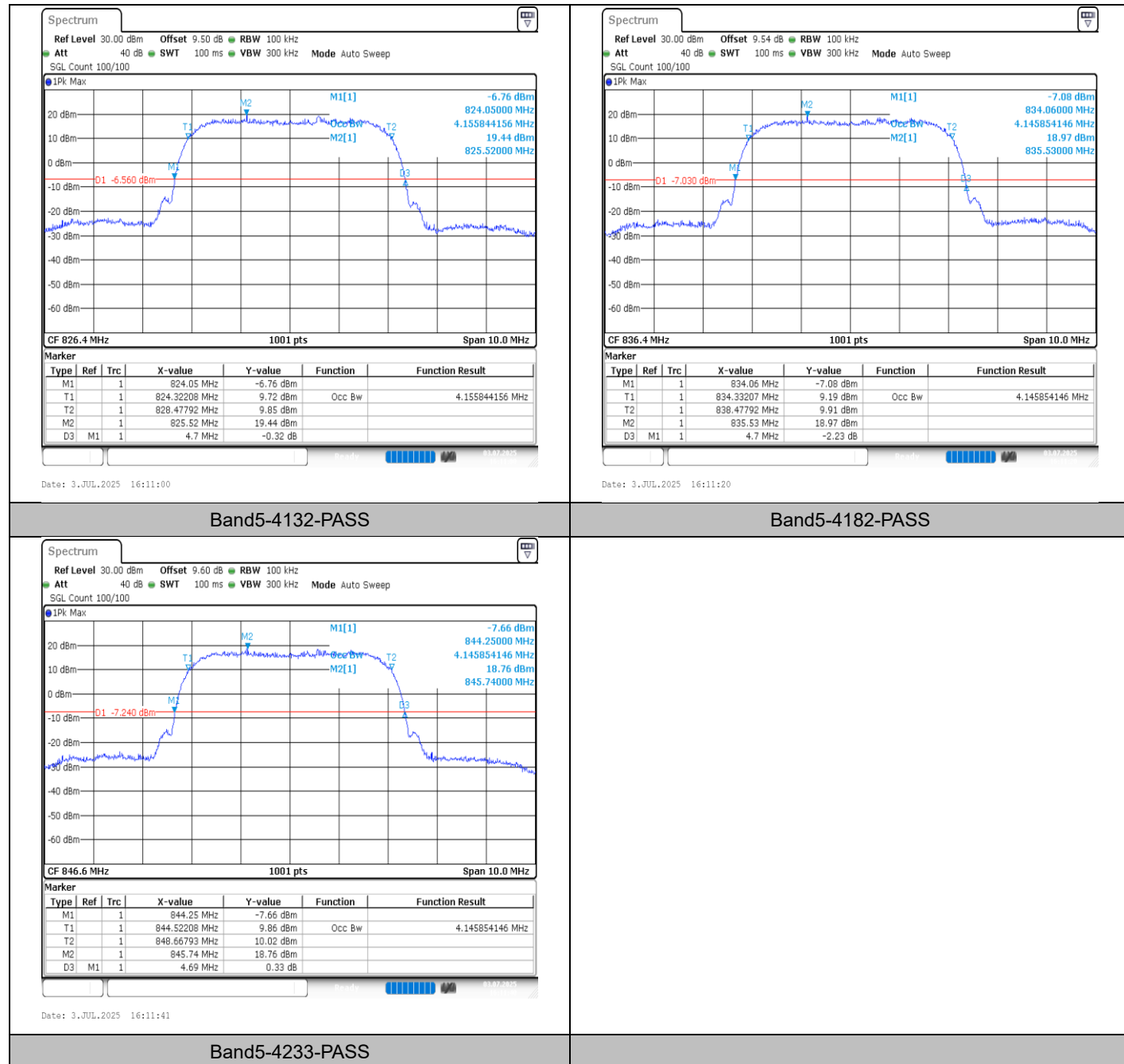


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band5	4132	4.156	4.70	---	PASS
Band5	4182	4.146	4.70	---	PASS
Band5	4233	4.146	4.69	---	PASS

Test Graphs

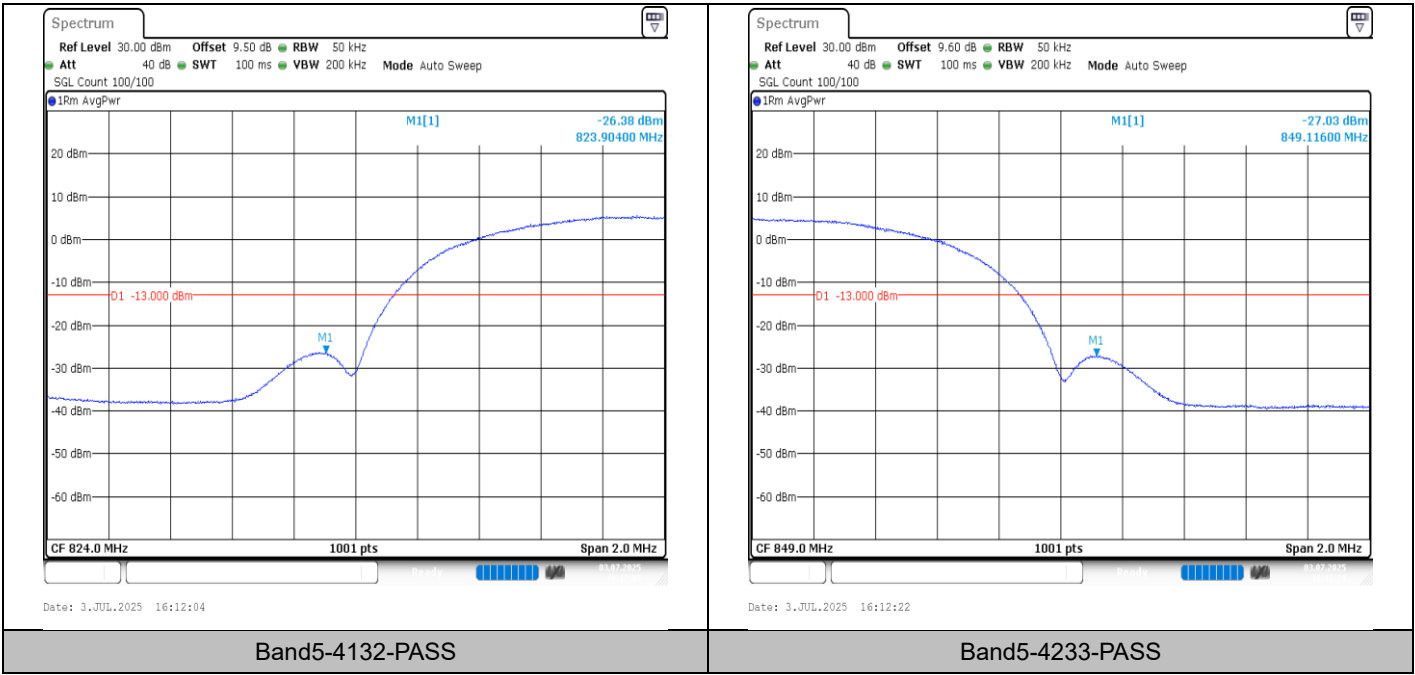


Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	823.90	-26.38	-13	PASS
Band5	4233	849.12	-27.03	-13	PASS

Test Graphs

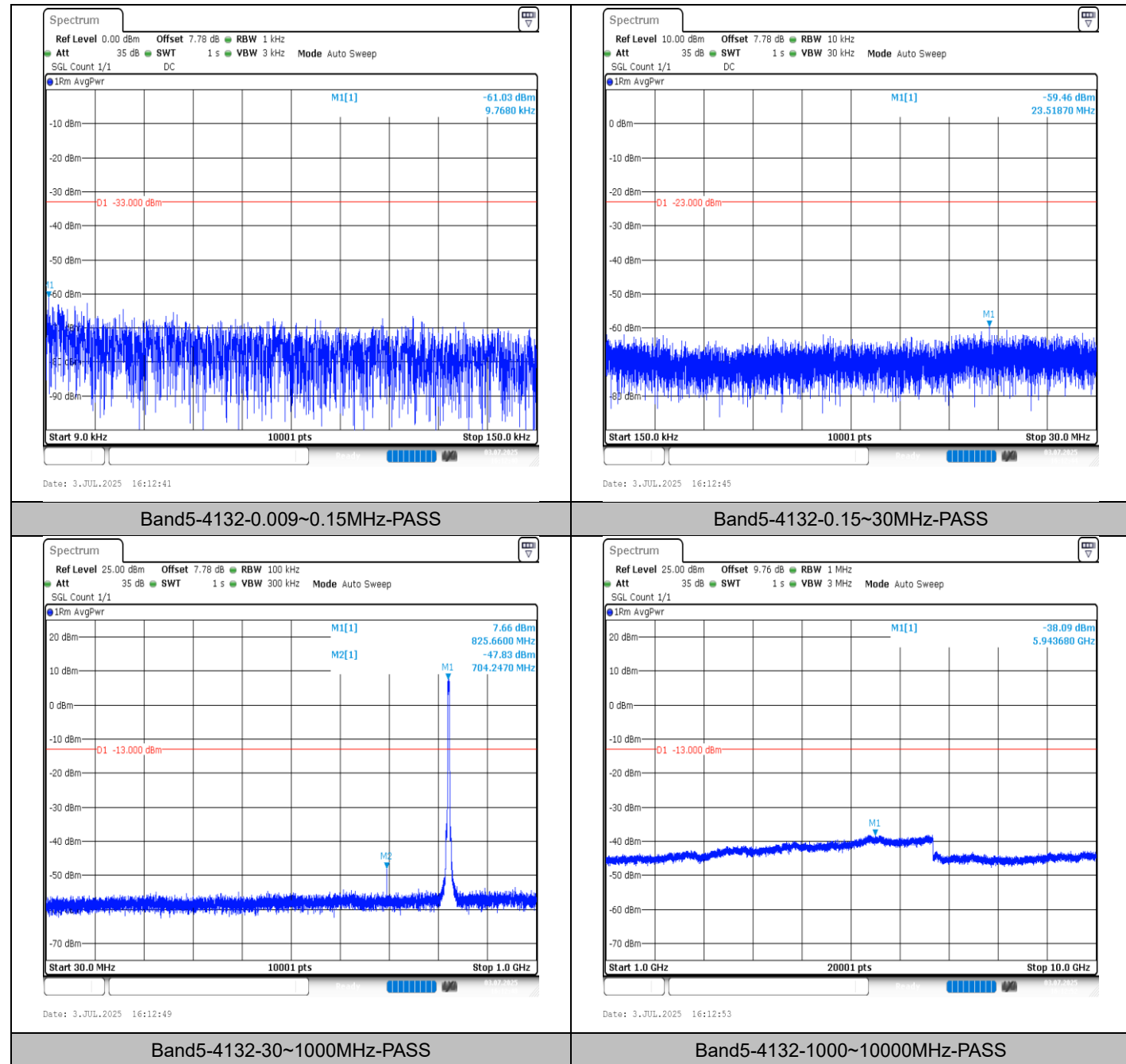


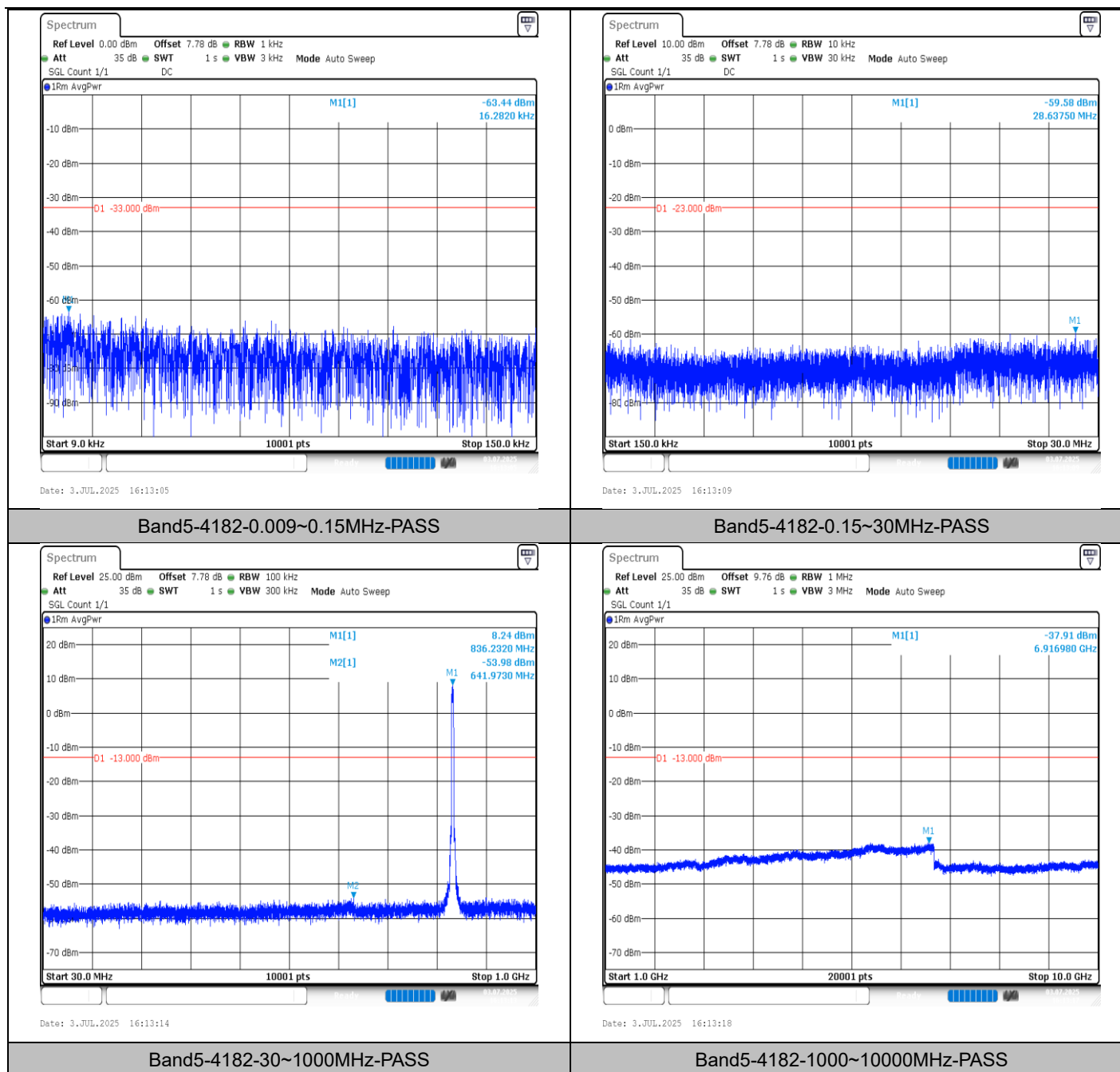
Appendix E: Conducted Spurious Emission

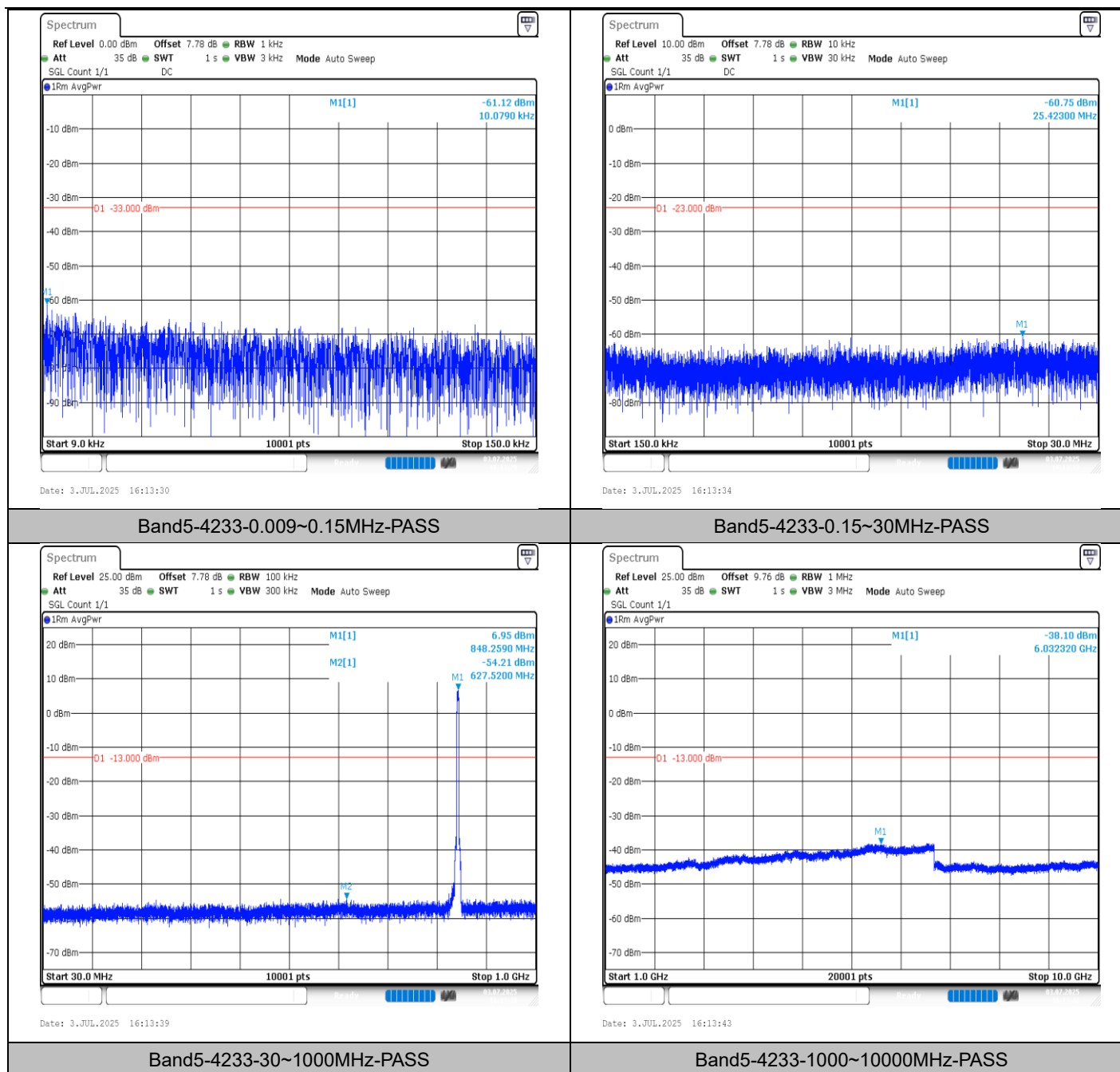
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.01	-61.03	-33	PASS
Band5	4132	0.15~30MHz	23.52	-59.46	-23	PASS
Band5	4132	30~1000MHz	704.25	-47.83	-13	PASS
Band5	4132	1000~10000MHz	5943.68	-38.09	-13	PASS
Band5	4182	0.009~0.15MHz	0.02	-63.44	-33	PASS
Band5	4182	0.15~30MHz	28.64	-59.58	-23	PASS
Band5	4182	30~1000MHz	641.97	-53.98	-13	PASS
Band5	4182	1000~10000MHz	6916.98	-37.91	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-61.12	-33	PASS
Band5	4233	0.15~30MHz	25.42	-60.75	-23	PASS
Band5	4233	30~1000MHz	627.52	-54.21	-13	PASS
Band5	4233	1000~10000MHz	6032.32	-38.1	-13	PASS

Test Graphs







Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VN	NT	-2.33	-0.002819	±2.5	PASS
Band5	4132	VL	NT	-1.20	-0.001452	±2.5	PASS
Band5	4132	VH	NT	-1.14	-0.001379	±2.5	PASS
Band5	4182	VN	NT	-2.83	-0.003384	±2.5	PASS
Band5	4182	VL	NT	-4.03	-0.004818	±2.5	PASS
Band5	4182	VH	NT	-2.50	-0.002989	±2.5	PASS
Band5	4233	VN	NT	-1.28	-0.001512	±2.5	PASS
Band5	4233	VL	NT	-3.23	-0.003815	±2.5	PASS
Band5	4233	VH	NT	-0.14	-0.000165	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-1.91	-0.002311	±2.5	PASS
Band5	4132	NV	-20	-0.67	-0.000811	±2.5	PASS
Band5	4132	NV	-10	-5.54	-0.006704	±2.5	PASS
Band5	4132	NV	0	-2.77	-0.003352	±2.5	PASS
Band5	4132	NV	10	-4.58	-0.005542	±2.5	PASS
Band5	4132	NV	20	-5.08	-0.006147	±2.5	PASS
Band5	4132	NV	30	-1.82	-0.002202	±2.5	PASS
Band5	4132	NV	40	-5.60	-0.006776	±2.5	PASS
Band5	4132	NV	50	-6.74	-0.008156	±2.5	PASS
Band5	4182	NV	-30	-2.48	-0.002965	±2.5	PASS
Band5	4182	NV	-20	-3.00	-0.003587	±2.5	PASS
Band5	4182	NV	-10	-3.92	-0.004687	±2.5	PASS
Band5	4182	NV	0	-0.64	-0.000765	±2.5	PASS
Band5	4182	NV	10	-0.38	-0.000454	±2.5	PASS
Band5	4182	NV	20	-1.46	-0.001746	±2.5	PASS
Band5	4182	NV	30	-2.55	-0.003049	±2.5	PASS
Band5	4182	NV	40	-0.46	-0.000550	±2.5	PASS
Band5	4182	NV	50	-2.19	-0.002618	±2.5	PASS
Band5	4233	NV	-30	-3.63	-0.004288	±2.5	PASS
Band5	4233	NV	-20	-1.09	-0.001288	±2.5	PASS
Band5	4233	NV	-10	-2.70	-0.003189	±2.5	PASS
Band5	4233	NV	0	-2.12	-0.002504	±2.5	PASS

Band5	4233	NV	10	-3.20	-0.003780	±2.5	PASS
Band5	4233	NV	20	-1.42	-0.001677	±2.5	PASS
Band5	4233	NV	30	-1.19	-0.001406	±2.5	PASS
Band5	4233	NV	40	-3.80	-0.004489	±2.5	PASS
Band5	4233	NV	50	-3.72	-0.004394	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
Band5	4132	PASS	PASS
Band5	4182	PASS	PASS
Band5	4233	PASS	PASS

Test Graphs

