

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Test Result(WCDMA)

Band	Channel	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band4	1312	23.62	26.07	30	PASS
Band4	1413	23.52	25.97	30	PASS
Band4	1513	23.61	26.06	30	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band4	1312	SubTest-1	22.64	25.09	30	PASS
Band4	1413	SubTest-1	22.55	25	30	PASS
Band4	1513	SubTest-1	22.54	24.99	30	PASS
Band4	1312	SubTest-2	22.07	24.52	30	PASS
Band4	1413	SubTest-2	21.99	24.44	30	PASS
Band4	1513	SubTest-2	21.89	24.34	30	PASS
Band4	1312	SubTest-3	22.12	24.57	30	PASS
Band4	1413	SubTest-3	21.98	24.43	30	PASS
Band4	1513	SubTest-3	21.95	24.4	30	PASS
Band4	1312	SubTest-4	22.10	24.55	30	PASS
Band4	1413	SubTest-4	21.97	24.42	30	PASS
Band4	1513	SubTest-4	21.94	24.39	30	PASS

Test Result(HSUPA)

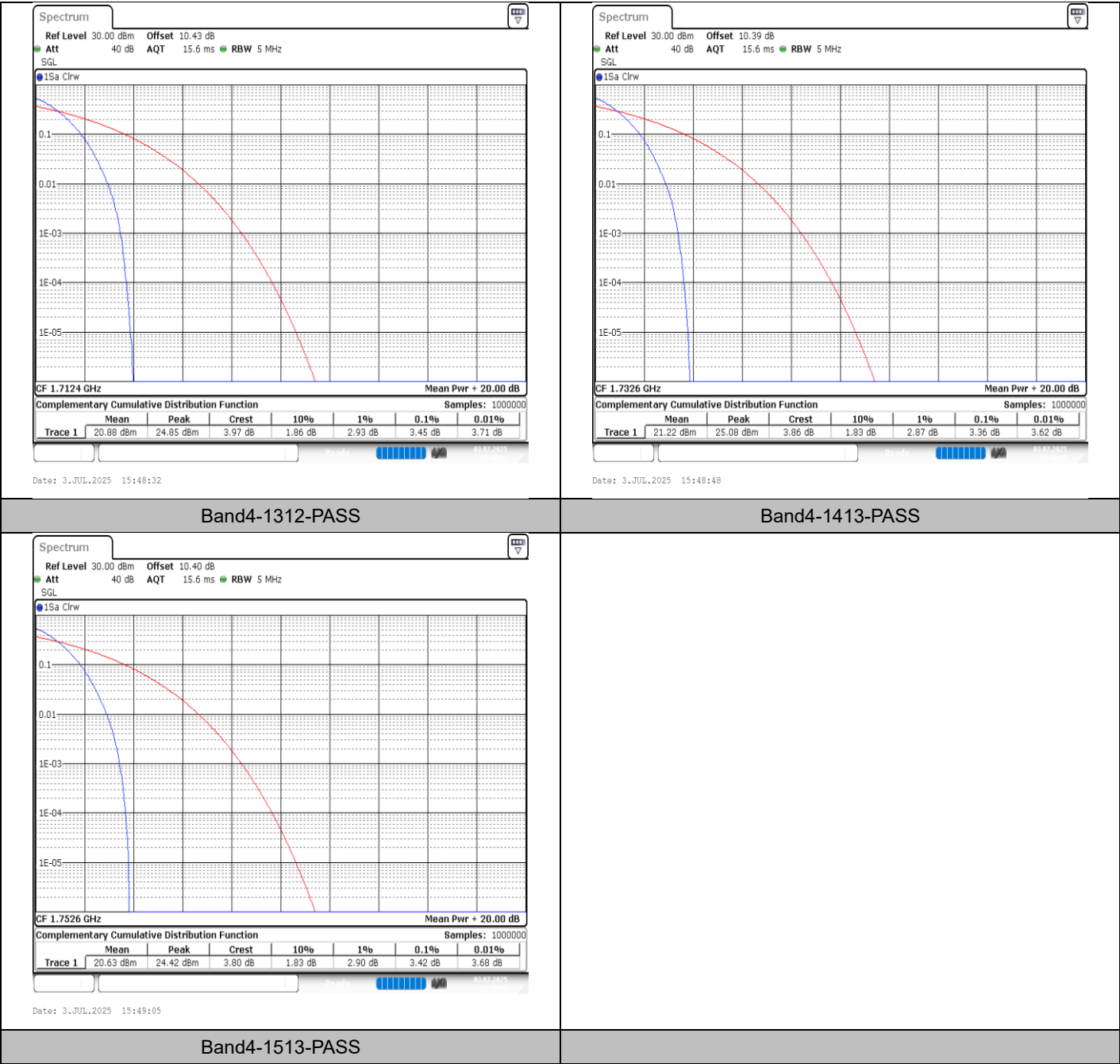
Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band4	1312	SubTest-1	20.64	23.09	30	PASS
Band4	1413	SubTest-1	20.50	22.95	30	PASS
Band4	1513	SubTest-1	20.49	22.94	30	PASS
Band4	1312	SubTest-2	20.64	23.09	30	PASS
Band4	1413	SubTest-2	20.59	23.04	30	PASS
Band4	1513	SubTest-2	20.57	23.02	30	PASS
Band4	1312	SubTest-3	21.64	24.09	30	PASS
Band4	1413	SubTest-3	21.49	23.94	30	PASS
Band4	1513	SubTest-3	21.41	23.86	30	PASS
Band4	1312	SubTest-4	20.06	22.51	30	PASS
Band4	1413	SubTest-4	19.91	22.36	30	PASS
Band4	1513	SubTest-4	19.95	22.4	30	PASS
Band4	1312	SubTest-5	20.64	23.09	30	PASS
Band4	1413	SubTest-5	20.44	22.89	30	PASS
Band4	1513	SubTest-5	20.48	22.93	30	PASS

Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band4	1312	3.45	13	PASS
Band4	1413	3.36	13	PASS
Band4	1513	3.42	13	PASS

Test Graphs

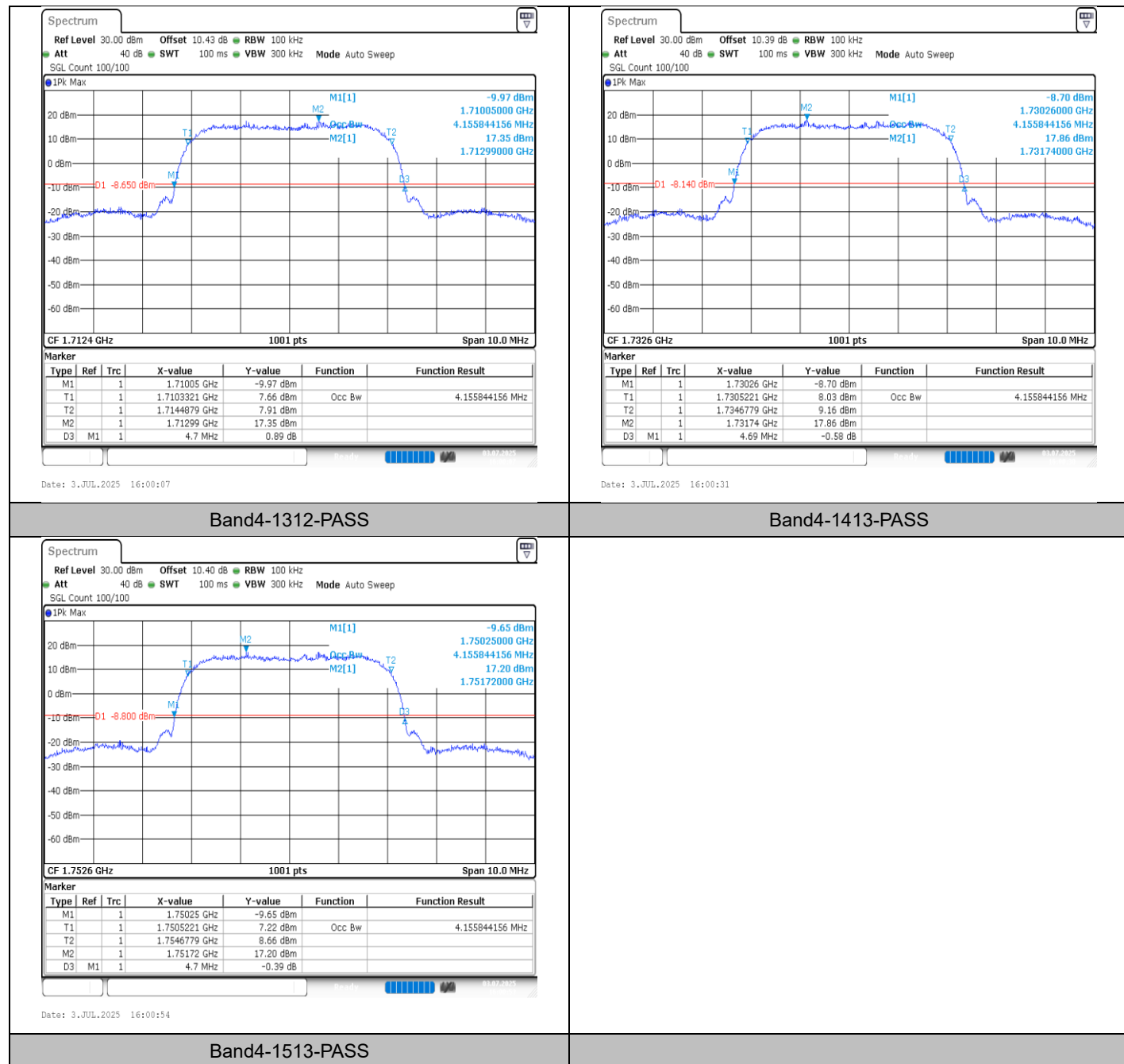


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band4	1312	4.156	4.70	---	PASS
Band4	1413	4.156	4.69	---	PASS
Band4	1513	4.156	4.70	---	PASS

Test Graphs

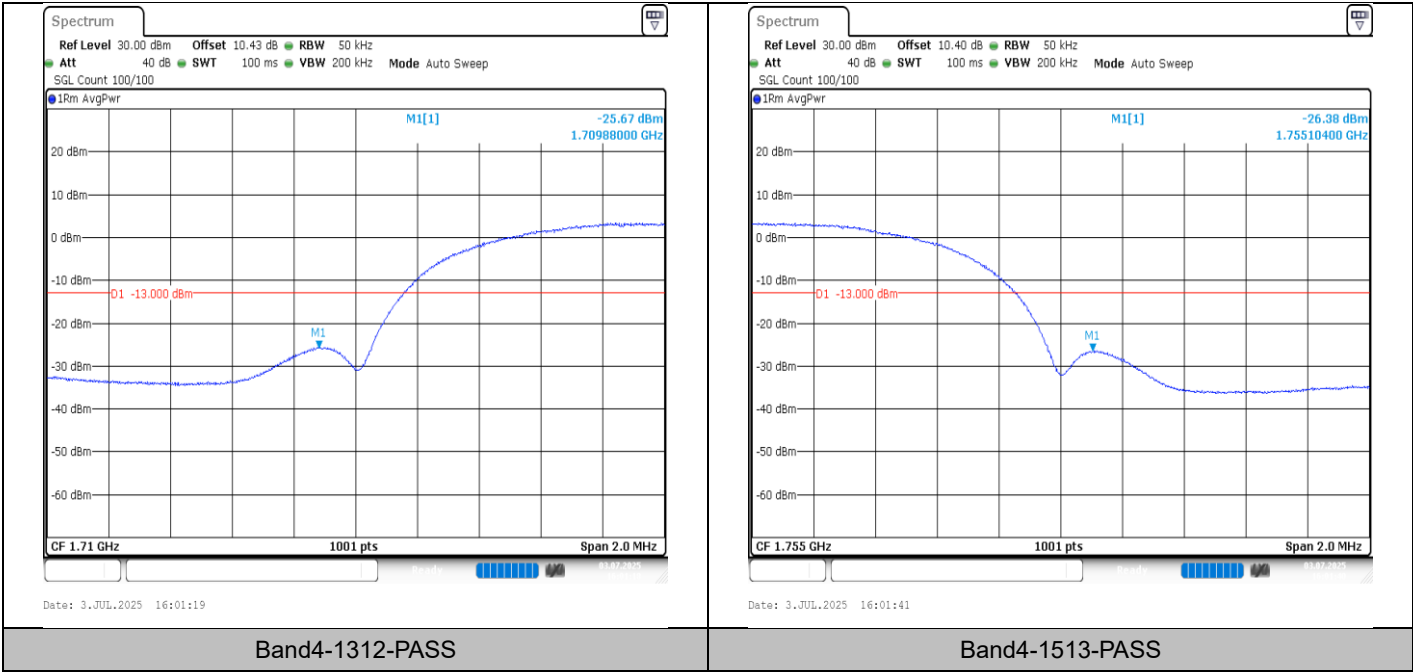


Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1709.88	-25.67	-13	PASS
Band4	1513	1755.10	-26.38	-13	PASS

Test Graphs

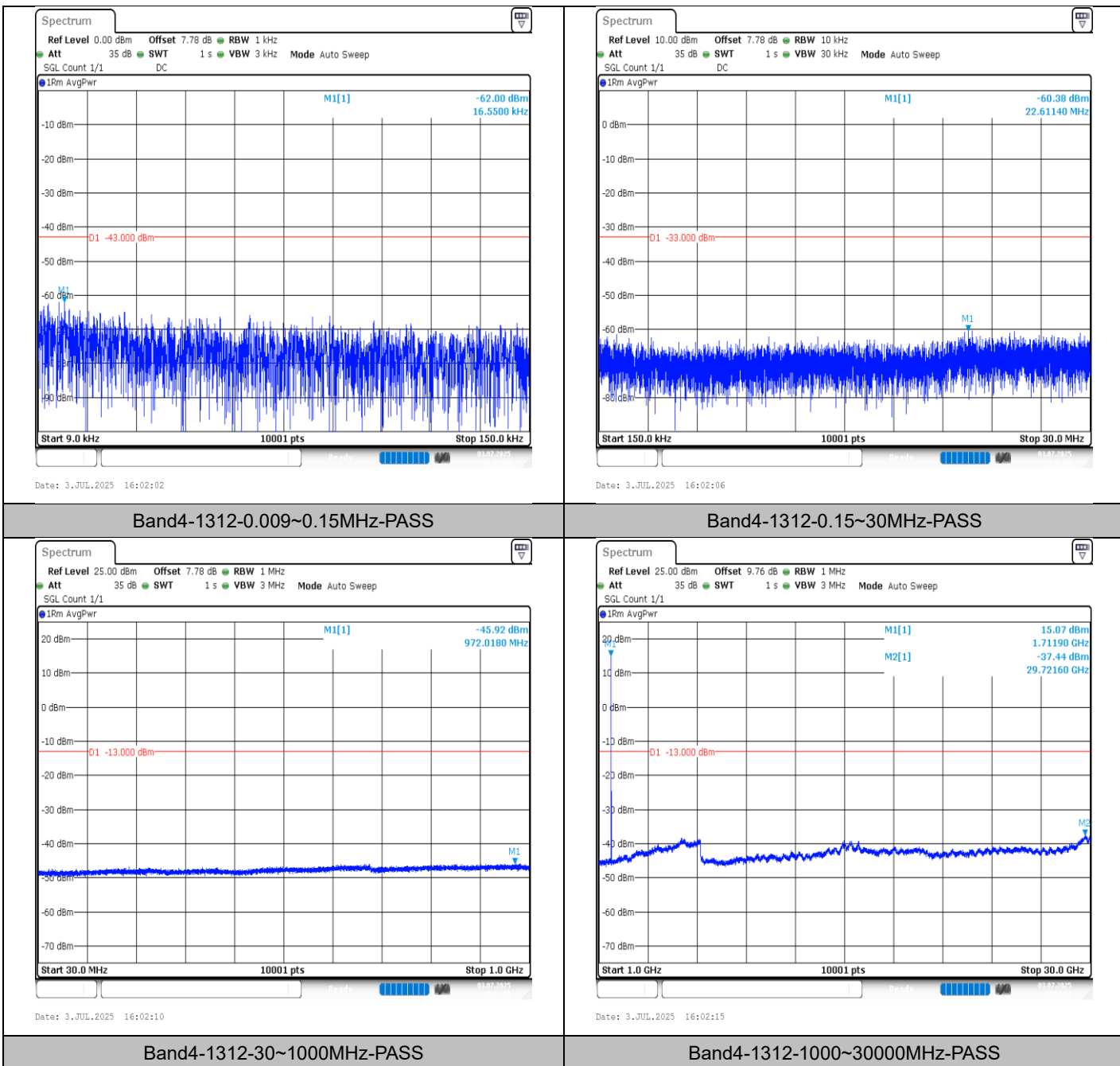


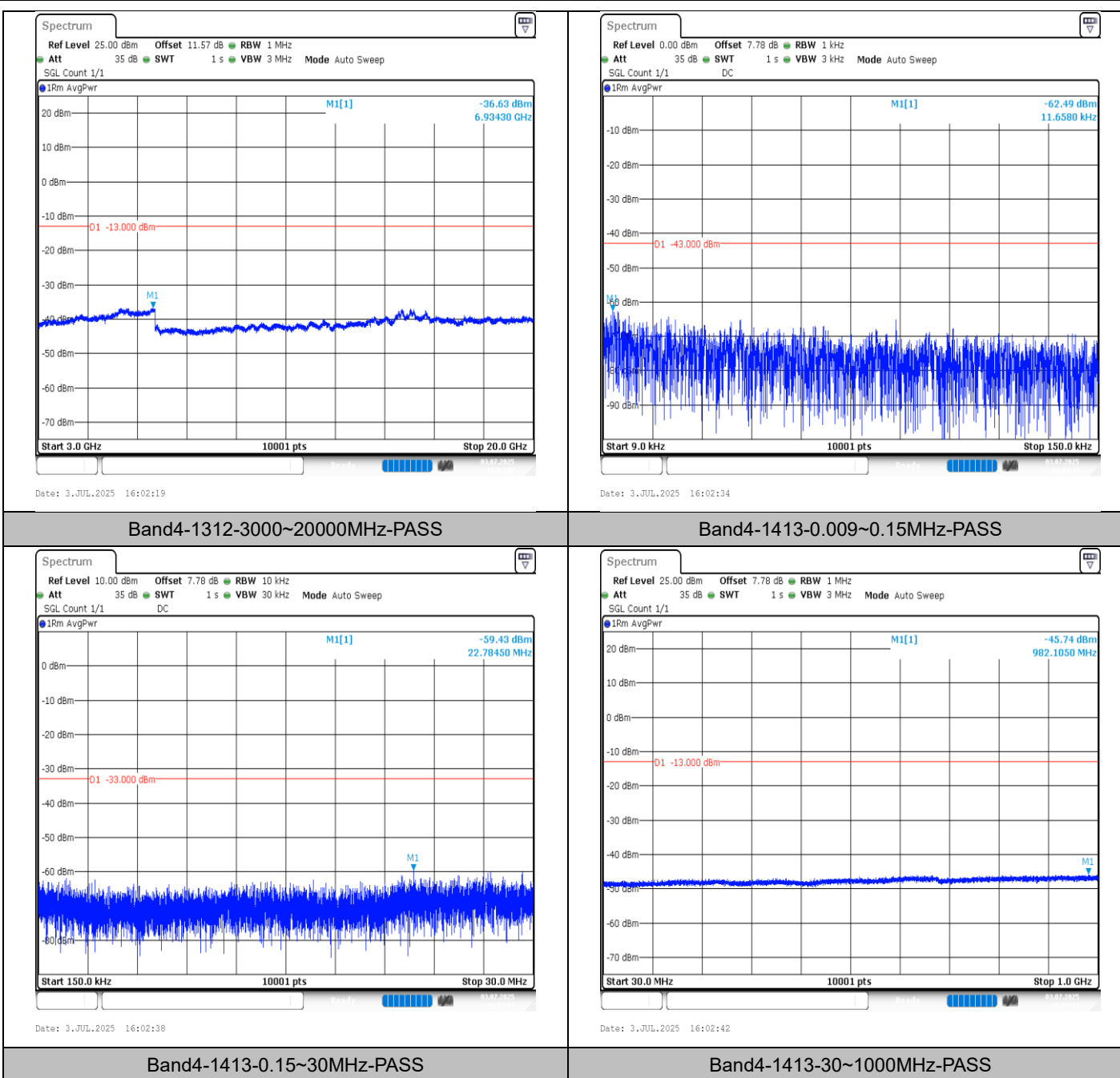
Appendix E: Conducted Spurious Emission

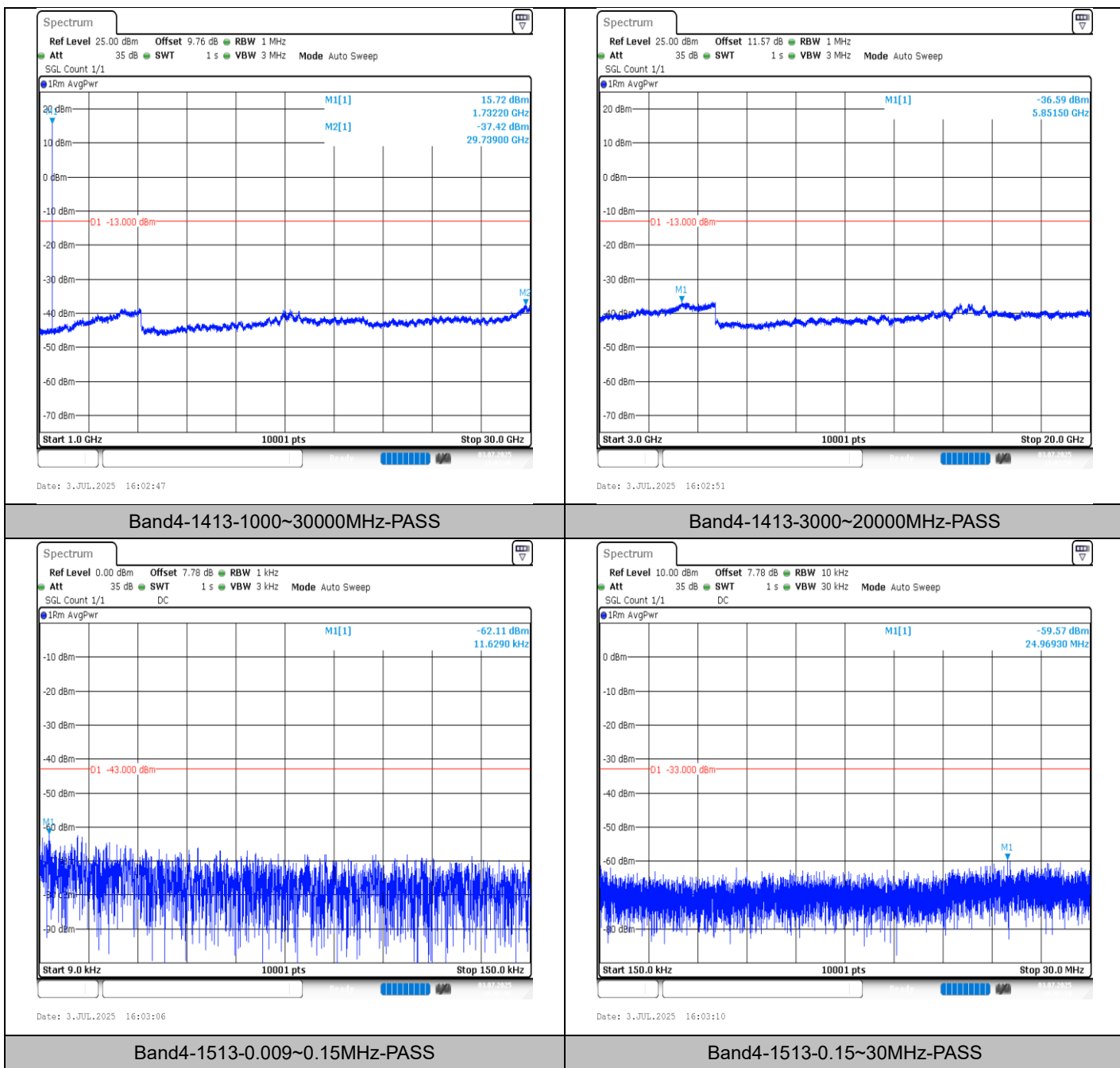
Test Result

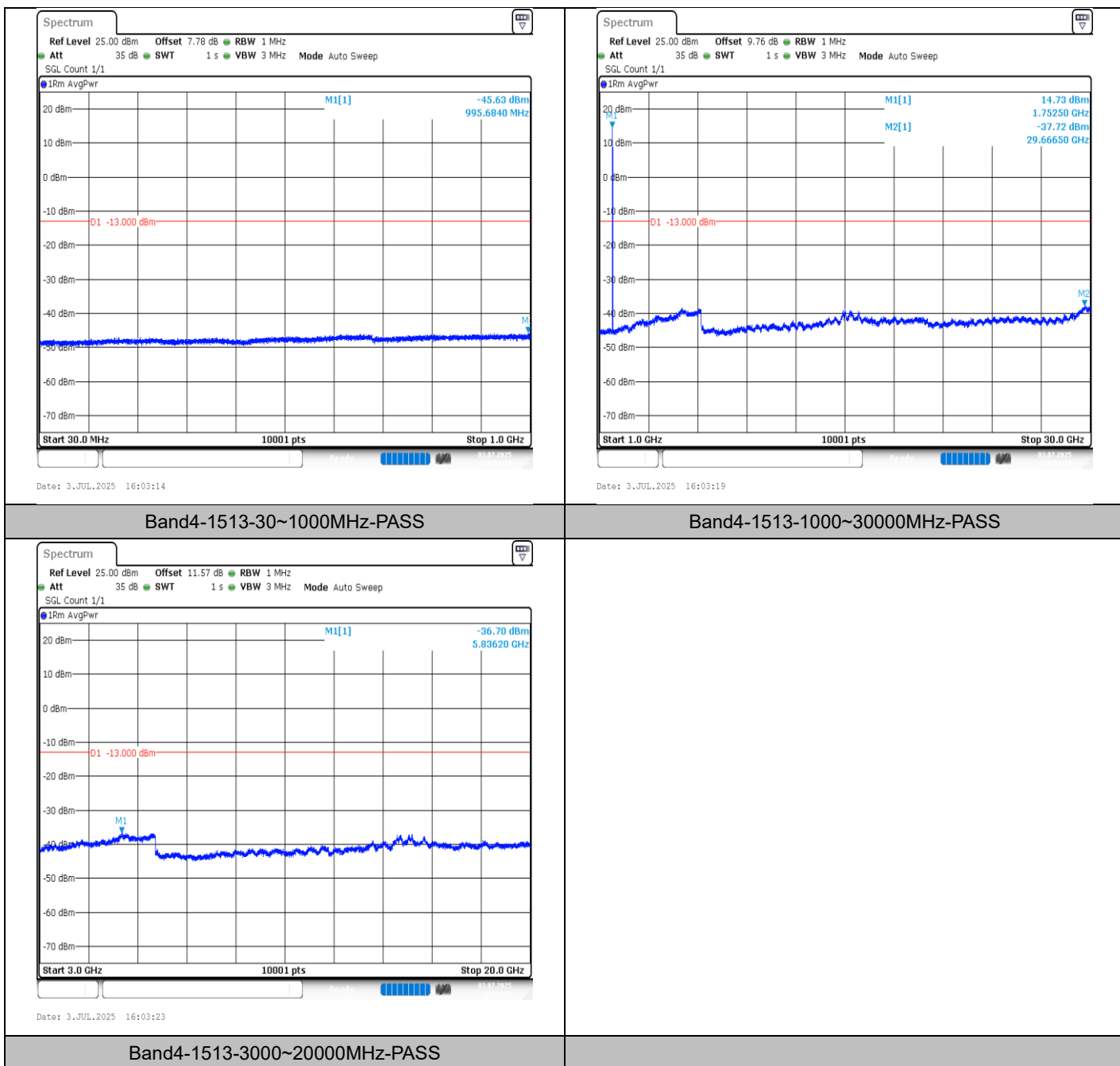
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.02	-62	-43	PASS
Band4	1312	0.15~30MHz	22.61	-60.38	-33	PASS
Band4	1312	30~1000MHz	972.02	-45.92	-13	PASS
Band4	1312	1000~30000MHz	29721.6	-37.44	-13	PASS
Band4	1312	3000~20000MHz	6934.3	-36.63	-13	PASS
Band4	1413	0.009~0.15MHz	0.01	-62.49	-43	PASS
Band4	1413	0.15~30MHz	22.78	-59.43	-33	PASS
Band4	1413	30~1000MHz	982.11	-45.74	-13	PASS
Band4	1413	1000~30000MHz	29739	-37.42	-13	PASS
Band4	1413	3000~20000MHz	5851.5	-36.59	-13	PASS
Band4	1513	0.009~0.15MHz	0.01	-62.11	-43	PASS
Band4	1513	0.15~30MHz	24.97	-59.57	-33	PASS
Band4	1513	30~1000MHz	995.68	-45.63	-13	PASS
Band4	1513	1000~30000MHz	29666.5	-37.72	-13	PASS
Band4	1513	3000~20000MHz	5836.2	-36.7	-13	PASS

Test Graphs









Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VN	NT	10000.00	5.839757	±NA	PASS
Band4	1312	VL	NT	10000.00	5.839757	±NA	PASS
Band4	1312	VH	NT	5000.00	2.919879	±NA	PASS
Band4	1413	VN	NT	5000.00	2.885836	±NA	PASS
Band4	1413	VL	NT	5000.00	2.885836	±NA	PASS
Band4	1413	VH	NT	0.00	0.000000	±NA	PASS
Band4	1513	VN	NT	5000.00	2.852904	±NA	PASS
Band4	1513	VL	NT	0.00	0.000000	±NA	PASS
Band4	1513	VH	NT	5000.00	2.852904	±NA	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	10000.00	5.839757	±NA	PASS
Band4	1312	NV	-20	5000.00	2.919879	±NA	PASS
Band4	1312	NV	-10	10000.00	5.839757	±NA	PASS
Band4	1312	NV	0	10000.00	5.839757	±NA	PASS
Band4	1312	NV	10	10000.00	5.839757	±NA	PASS
Band4	1312	NV	20	10000.00	5.839757	±NA	PASS
Band4	1312	NV	30	10000.00	5.839757	±NA	PASS
Band4	1312	NV	40	10000.00	5.839757	±NA	PASS
Band4	1312	NV	50	10000.00	5.839757	±NA	PASS
Band4	1413	NV	-30	5000.00	2.885836	±NA	PASS
Band4	1413	NV	-20	5000.00	2.885836	±NA	PASS
Band4	1413	NV	-10	0.00	0.000000	±NA	PASS
Band4	1413	NV	0	5000.00	2.885836	±NA	PASS
Band4	1413	NV	10	0.00	0.000000	±NA	PASS
Band4	1413	NV	20	5000.00	2.885836	±NA	PASS
Band4	1413	NV	30	5000.00	2.885836	±NA	PASS
Band4	1413	NV	40	5000.00	2.885836	±NA	PASS
Band4	1413	NV	50	5000.00	2.885836	±NA	PASS
Band4	1513	NV	-30	5000.00	2.852904	±NA	PASS
Band4	1513	NV	-20	0.00	0.000000	±NA	PASS
Band4	1513	NV	-10	0.00	0.000000	±NA	PASS

Band4	1513	NV	0	0.00	0.000000	±NA	PASS
Band4	1513	NV	10	5000.00	2.852904	±NA	PASS
Band4	1513	NV	20	0.00	0.000000	±NA	PASS
Band4	1513	NV	30	-5000.00	-2.852904	±NA	PASS
Band4	1513	NV	40	0.00	0.000000	±NA	PASS
Band4	1513	NV	50	5000.00	2.852904	±NA	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
Band4	1312	PASS	PASS
Band4	1413	PASS	PASS
Band4	1513	PASS	PASS

Test Graphs

