Appendix for WCDMA Band 2&4&5

Product Name: Smart Phone
Model No: K50

Appendix A: Conducted Average Power

Test Result

WCDMA

Band	Channel	Conducted Average power (dBm)	Limit(dBm)	Verdict
Band2	9262	22.49	33.01	PASS
Band2	9400	22.45	33.01	PASS
Band2	9538	22.62	33.01	PASS
Band4	1312	22.88	30.00	PASS
Band4	1413	22.78	30.00	PASS
Band4	1513	22.83	30.00	PASS
Band5	4132	22.25	38.45	PASS
Band5	4182	22.08	38.45	PASS
Band5	4233	22.10	38.45	PASS

HSDPA

Band	Channel	SubTest	Conducted Average power (dBm)	Limit(dBm)	Verdict
Band2	9262	1	20.47	33.01	PASS
Band2	9400	1	20.56	33.01	PASS
Band2	9538	1	20.79	33.01	PASS
Band2	9262	2	19.98	33.01	PASS
Band2	9400	2	20.06	33.01	PASS
Band2	9538	2	20.27	33.01	PASS
Band2	9262	3	19.99	33.01	PASS
Band2	9400	3	20.09	33.01	PASS
Band2	9538	3	20.31	33.01	PASS
Band2	9262	4	19.95	33.01	PASS
Band2	9400	4	20.03	33.01	PASS
Band2	9538	4	20.28	33.01	PASS
Band4	1312	1	20.97	30.00	PASS
Band4	1413	1	20.86	30.00	PASS
Band4	1513	1	20.88	30.00	PASS
Band4	1312	2	20.45	30.00	PASS
Band4	1413	2	20.36	30.00	PASS
Band4	1513	2	20.37	30.00	PASS
Band4	1312	3	20.52	30.00	PASS
Band4	1413	3	20.41	30.00	PASS
Band4	1513	3	20.40	30.00	PASS
Band4	1312	4	20.44	30.00	PASS
Band4	1413	4	20.36	30.00	PASS

Band4	1513	4	20.36	30.00	PASS
Band5	4132	1	21.31	38.5	PASS
Band5	4182	1	21.12	38.5	PASS
Band5	4233	1	21.15	38.5	PASS
Band5	4132	2	20.82	38.5	PASS
Band5	4182	2	20.63	38.5	PASS
Band5	4233	2	20.65	38.5	PASS
Band5	4132	3	20.85	38.5	PASS
Band5	4182	3	20.65	38.5	PASS
Band5	4233	3	20.67	38.5	PASS
Band5	4132	4	20.81	38.5	PASS
Band5	4182	4	20.60	38.5	PASS
Band5	4233	4	20.65	38.5	PASS

HSUPA

Band	Channel	SubTest	Conducted Average power (dBm)	Limit(dBm)	Verdict
Band2	9262	1	18.43	33.01	PASS
Band2	9400	1	18.50	33.01	PASS
Band2	9538	1	18.67	33.01	PASS
Band2	9262	2	18.44	33.01	PASS
Band2	9400	2	18.49	33.01	PASS
Band2	9538	2	18.75	33.01	PASS
Band2	9262	3	19.45	33.01	PASS
Band2	9400	3	19.53	33.01	PASS
Band2	9538	3	19.72	33.01	PASS
Band2	9262	4	17.95	33.01	PASS
Band2	9400	4	18.03	33.01	PASS
Band2	9538	4	18.20	33.01	PASS
Band2	9262	5	19.40	33.01	PASS
Band2	9400	5	19.47	33.01	PASS
Band2	9538	5	19.66	33.01	PASS
Band4	1312	1	18.91	30.00	PASS
Band4	1413	1	18.80	30.00	PASS
Band4	1513	1	18.83	30.00	PASS
Band4	1312	2	18.92	30.00	PASS
Band4	1413	2	18.80	30.00	PASS
Band4	1513	2	18.80	30.00	PASS
Band4	1312	3	19.91	30.00	PASS
Band4	1413	3	19.81	30.00	PASS
Band4	1513	3	19.82	30.00	PASS
Band4	1312	4	18.46	30.00	PASS

Band4	1413	4	18.32	30.00	PASS
Band4	1513	4	18.32	30.00	PASS
Band4	1312	5	19.74	30.00	PASS
Band4	1413	5	19.77	30.00	PASS
Band4	1513	5	19.78	30.00	PASS
Band5	4132	1	19.30	38.5	PASS
Band5	4182	1	19.09	38.5	PASS
Band5	4233	1	19.14	38.5	PASS
Band5	4132	2	19.30	38.5	PASS
Band5	4182	2	19.10	38.5	PASS
Band5	4233	2	19.12	38.5	PASS
Band5	4132	3	20.32	38.5	PASS
Band5	4182	3	20.12	38.5	PASS
Band5	4233	3	20.14	38.5	PASS
Band5	4132	4	18.81	38.5	PASS
Band5	4182	4	18.59	38.5	PASS
Band5	4233	4	18.65	38.5	PASS
Band5	4132	5	20.09	38.5	PASS
Band5	4182	5	20.07	38.5	PASS
Band5	4233	5	20.08	38.5	PASS

Sensor ON

WCDMA

Band	Channel	Conducted Average power (dBm)	Limit(dBm)	Verdict
Band2	9262	20.42	33.01	PASS
Band2	9400	20.43	33.01	PASS
Band2	9538	20.64	33.01	PASS
Band4	1312	20.85	30.00	PASS
Band4	1413	20.76	30.00	PASS
Band4	1513	20.87	30.00	PASS

Hotspot ON

WCDMA

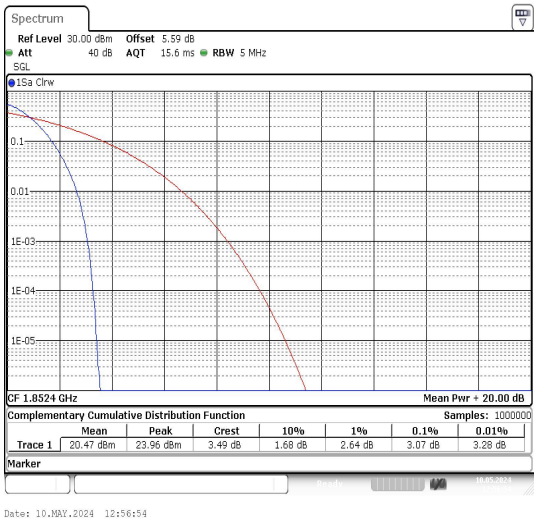
Band	Channel	Conducted Average power (dBm)	Limit(dBm)	Verdict
Band2	9262	19.54	33.01	PASS
Band2	9400	19.65	33.01	PASS
Band2	9538	19.45	33.01	PASS
Band4	1312	19.36	30.00	PASS
Band4	1413	19.57	30.00	PASS
Band4	1513	19.87	30.00	PASS

Appendix B: Peak-to-Average Ratio

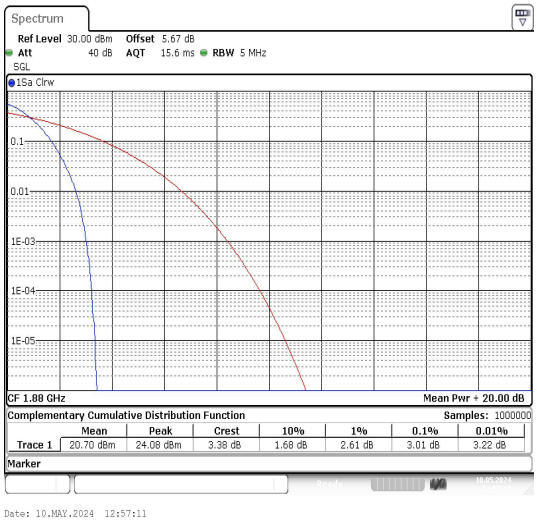
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.07	13	PASS
Band2	9400	3.01	13	PASS
Band2	9538	2.93	13	PASS
Band4	1312	3.10	13	PASS
Band4	1413	3.04	13	PASS
Band4	1513	3.16	13	PASS
Band5	4132	3.33	13	PASS
Band5	4182	3.33	13	PASS
Band5	4233	3.33	13	PASS

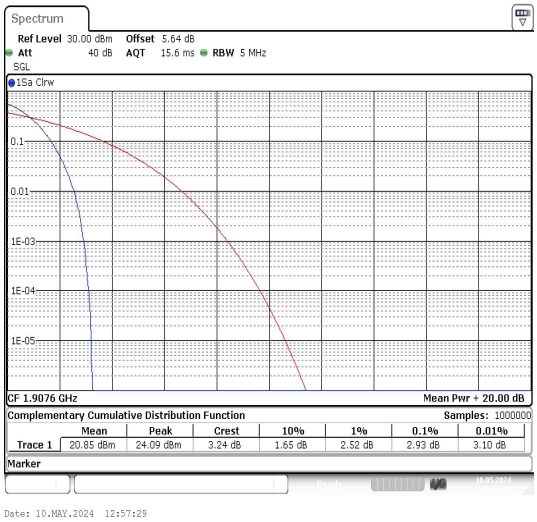
Test Graphs



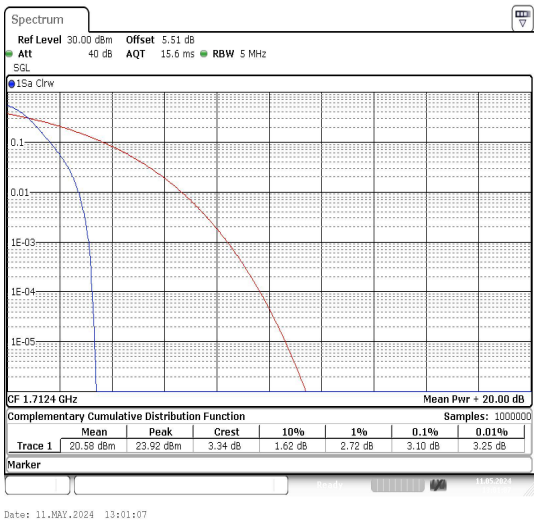
Band2-9262-PASS



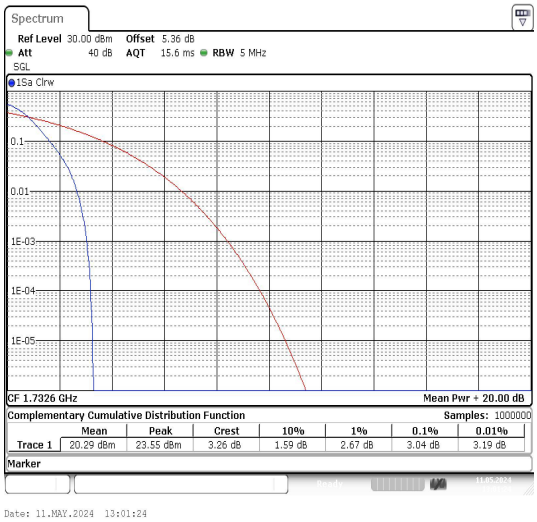
Band2-9400-PASS



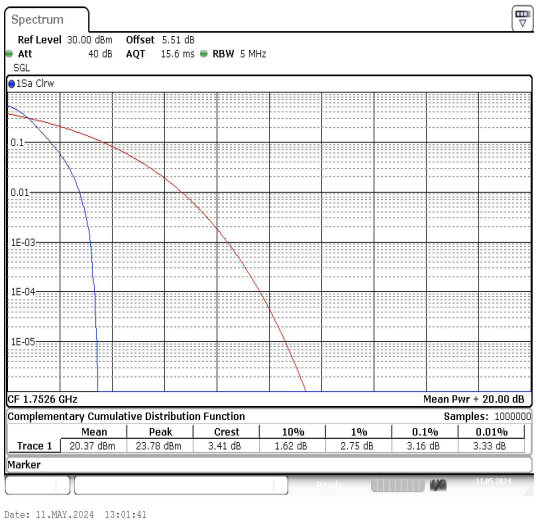
Band2-9538-PASS



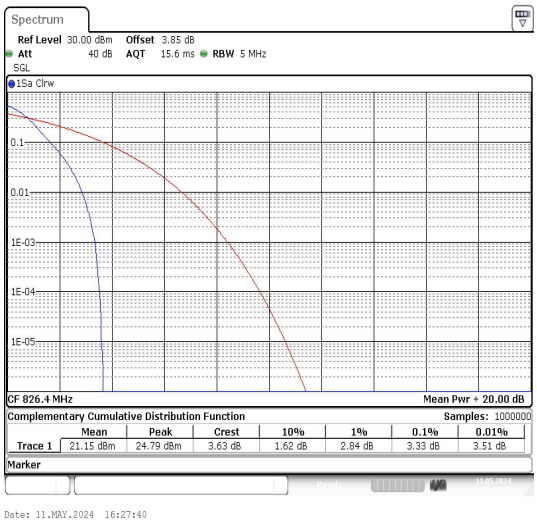
Band4-1312-PASS



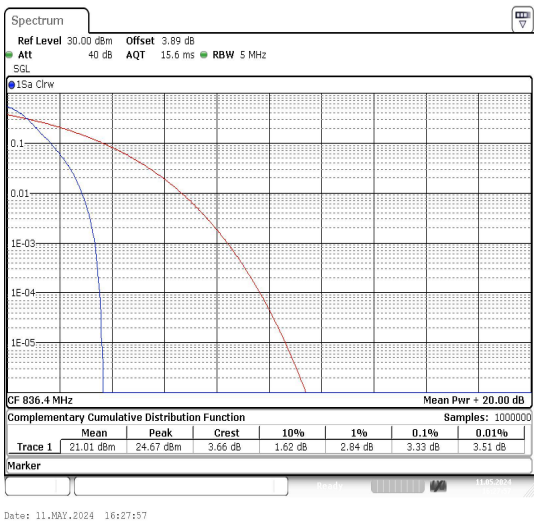
Band4-1413-PASS



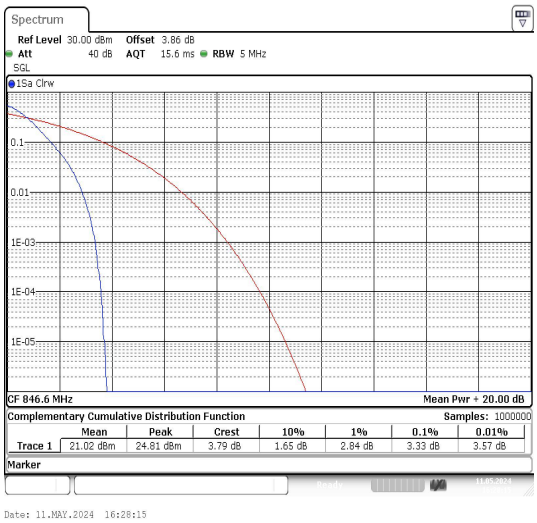
Band4-1513-PASS



Band5-4132-PASS



Band5-4182-PASS



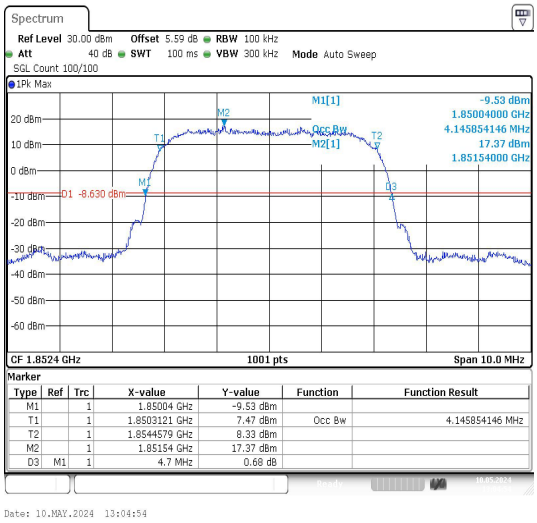
Band5-4233-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

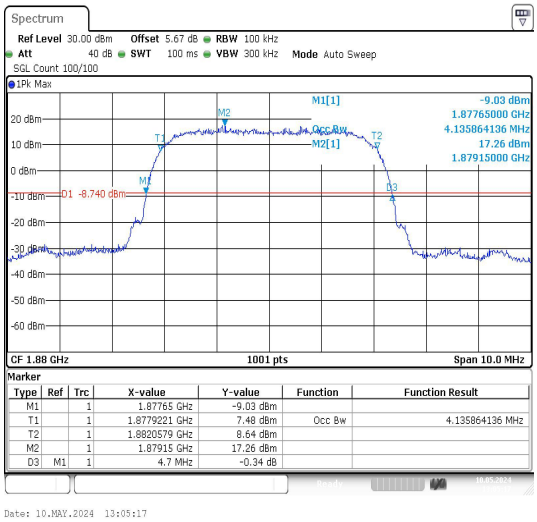
Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.146	4.70	---	PASS
Band2	9400	4.136	4.70	---	PASS
Band2	9538	4.146	4.71	---	PASS
Band4	1312	4.146	4.70	---	PASS
Band4	1413	4.156	4.71	---	PASS
Band4	1513	4.156	4.69	---	PASS
Band5	4132	4.156	4.69	---	PASS
Band5	4182	4.146	4.70	---	PASS
Band5	4233	4.146	4.69	---	PASS

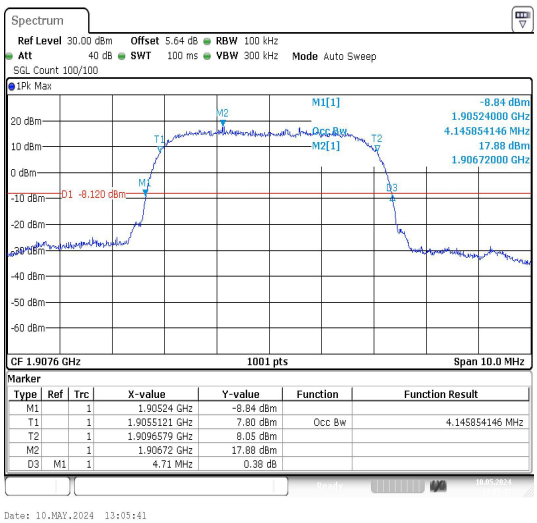
Test Graphs



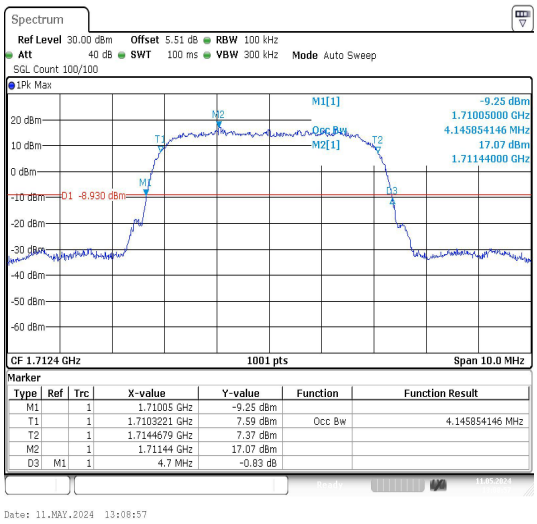
Band2-9262-PASS



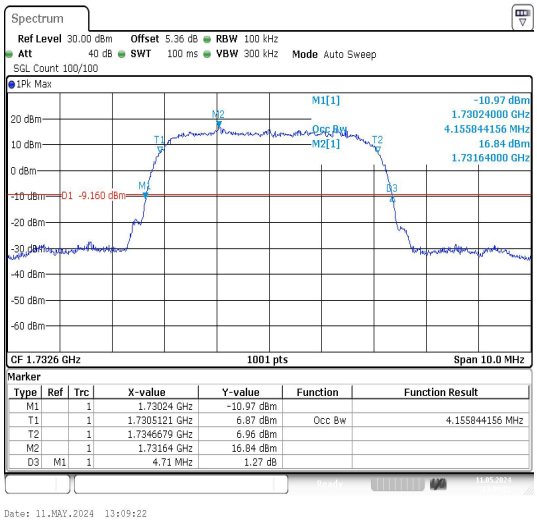
Band2-9400-PASS



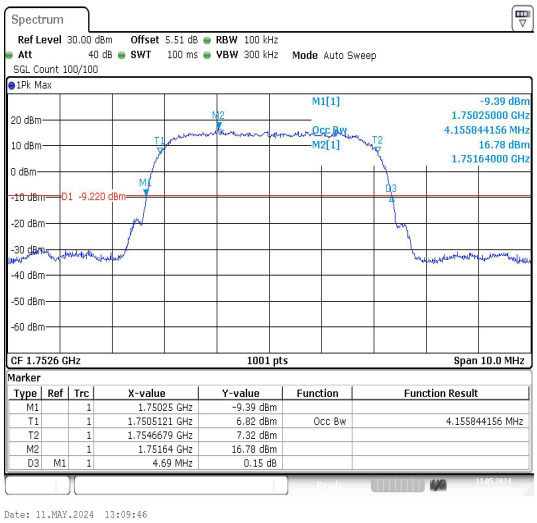
Band2-9538-PASS



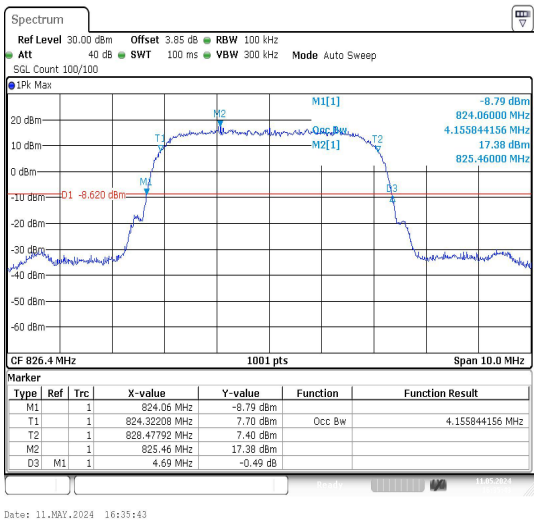
Band4-1312-PASS



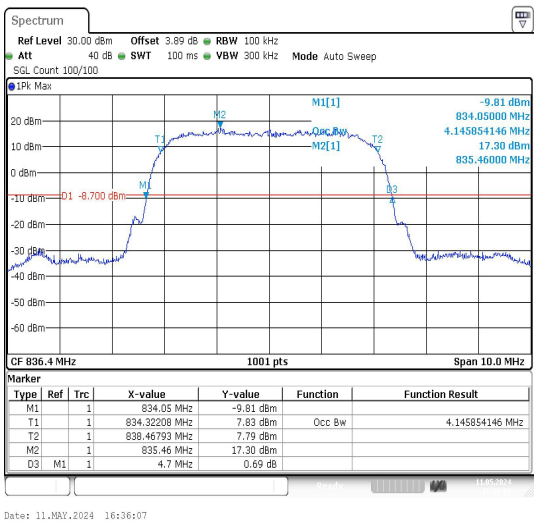
Band4-1413-PASS



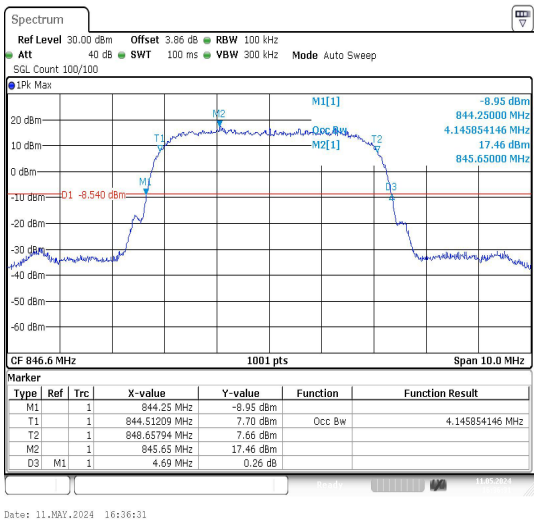
Band4-1513-PASS



Band5-4132-PASS



Band5-4182-PASS



Band5-4233-PASS

Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.87	-26.98	-13	PASS
Band2	9538	1910.00	-29.14	-13	PASS
Band4	1312	1709.89	-28.02	-13	PASS
Band4	1513	1755.12	-29.34	-13	PASS
Band5	4132	823.88	-26.07	-13	PASS
Band5	4233	849.11	-28.80	-13	PASS