

AppendixA: Effective (Isotropic) Radiated Power Output Data

Test Result(WCDMA)

Band	Type	Channel	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band2	Voice	9262	22.42	20.15	33.01	PASS
Band2	TestMode	9262	22.50	20.23	33.01	PASS
Band2	TestMode	9400	22.74	20.47	33.01	PASS
Band2	Voice	9400	22.72	20.45	33.01	PASS
Band2	TestMode	9538	22.77	20.5	33.01	PASS
Band2	Voice	9538	22.76	20.49	33.01	PASS
Band4	Voice	1312	22.30	19.13	30.00	PASS
Band4	TestMode	1312	22.66	19.49	30.00	PASS
Band4	Voice	1413	22.50	19.33	30.00	PASS
Band4	TestMode	1413	22.60	19.43	30.00	PASS
Band4	TestMode	1513	22.52	19.35	30.00	PASS
Band4	Voice	1513	22.35	19.18	30.00	PASS
Band5	Voice	4132	22.85	14.58	38.45	PASS
Band5	TestMode	4132	22.82	14.55	38.45	PASS
Band5	TestMode	4183	22.89	14.62	38.45	PASS
Band5	Voice	4183	22.88	14.61	38.45	PASS
Band5	Voice	4233	22.81	14.54	38.45	PASS
Band5	TestMode	4233	22.82	14.55	38.45	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band2	9262	1	22.64	20.37	33.01	PASS
Band2	9262	2	22.27	20	33.01	PASS
Band2	9262	3	22.06	19.79	33.01	PASS
Band2	9262	4	22.09	19.82	33.01	PASS
Band2	9400	1	22.99	20.72	33.01	PASS
Band2	9400	2	22.62	20.35	33.01	PASS
Band2	9400	3	22.34	20.07	33.01	PASS
Band2	9400	4	22.47	20.2	33.01	PASS
Band2	9538	1	22.86	20.59	33.01	PASS
Band2	9538	2	22.42	20.15	33.01	PASS
Band2	9538	3	22.11	19.84	33.01	PASS
Band2	9538	4	22.26	19.99	33.01	PASS



Band4	1312	1	22.52	19.35	30.00	PASS
Band4	1312	2	22.69	19.52	30.00	PASS
Band4	1312	3	22.64	19.47	30.00	PASS
Band4	1312	4	22.61	19.44	30.00	PASS
Band4	1413	1	22.82	19.65	30.00	PASS
Band4	1413	2	22.93	19.76	30.00	PASS
Band4	1413	3	22.87	19.7	30.00	PASS
Band4	1413	4	22.86	19.69	30.00	PASS
Band4	1513	1	22.68	19.51	30.00	PASS
Band4	1513	2	22.74	19.57	30.00	PASS
Band4	1513	3	22.69	19.52	30.00	PASS
Band4	1513	4	22.71	19.54	30.00	PASS
Band5	4132	1	22.60	14.33	38.5	PASS
Band5	4132	2	22.34	14.07	38.5	PASS
Band5	4132	3	21.63	13.36	38.5	PASS
Band5	4132	4	21.67	13.4	38.5	PASS
Band5	4183	1	22.36	14.09	38.5	PASS
Band5	4183	2	22.33	14.06	38.5	PASS
Band5	4183	3	21.81	13.54	38.5	PASS
Band5	4183	4	21.84	13.57	38.5	PASS
Band5	4233	1	22.21	13.94	38.5	PASS
Band5	4233	2	22.13	13.86	38.5	PASS
Band5	4233	3	21.57	13.3	38.5	PASS
Band5	4233	4	21.59	13.32	38.5	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band2	9262	1	19.46	17.19	33.01	PASS
Band2	9262	2	20.14	17.87	33.01	PASS
Band2	9262	3	19.93	17.66	33.01	PASS
Band2	9262	4	20.17	17.9	33.01	PASS
Band2	9262	5	22.31	20.04	33.01	PASS
Band2	9400	1	20.00	17.73	33.01	PASS
Band2	9400	2	20.37	18.1	33.01	PASS
Band2	9400	3	20.18	17.91	33.01	PASS
Band2	9400	4	20.49	18.22	33.01	PASS
Band2	9400	5	22.67	20.4	33.01	PASS
Band2	9538	1	19.82	17.55	33.01	PASS
Band2	9538	2	20.14	17.87	33.01	PASS
Band2	9538	3	19.95	17.68	33.01	PASS



Band2	9538	4	20.26	17.99	33.01	PASS
Band2	9538	5	22.43	20.16	33.01	PASS
Band4	1312	1	21.43	18.26	30.00	PASS
Band4	1312	2	21.82	18.65	30.00	PASS
Band4	1312	3	21.56	18.39	30.00	PASS
Band4	1312	4	21.85	18.68	30.00	PASS
Band4	1312	5	22.50	19.33	30.00	PASS
Band4	1413	1	22.09	18.92	30.00	PASS
Band4	1413	2	22.18	19.01	30.00	PASS
Band4	1413	3	21.96	18.79	30.00	PASS
Band4	1413	4	22.22	19.05	30.00	PASS
Band4	1413	5	22.71	19.54	30.00	PASS
Band4	1513	1	21.80	18.63	30.00	PASS
Band4	1513	2	21.90	18.73	30.00	PASS
Band4	1513	3	21.68	18.51	30.00	PASS
Band4	1513	4	22.00	18.83	30.00	PASS
Band4	1513	5	22.60	19.43	30.00	PASS
Band5	4132	1	20.55	12.28	38.5	PASS
Band5	4132	2	20.64	12.37	38.5	PASS
Band5	4132	3	20.42	12.15	38.5	PASS
Band5	4132	4	20.14	11.87	38.5	PASS
Band5	4132	5	22.69	14.42	38.5	PASS
Band5	4183	1	20.61	12.34	38.5	PASS
Band5	4183	2	20.76	12.49	38.5	PASS
Band5	4183	3	20.50	12.23	38.5	PASS
Band5	4183	4	20.28	12.01	38.5	PASS
Band5	4183	5	22.68	14.41	38.5	PASS
Band5	4233	1	20.46	12.19	38.5	PASS
Band5	4233	2	20.59	12.32	38.5	PASS
Band5	4233	3	20.37	12.1	38.5	PASS
Band5	4233	4	20.18	11.91	38.5	PASS
Band5	4233	5	22.54	14.27	38.5	PASS

Remark: EIRP (dBm) = Conducted power (dBm) + Antenna Gain (dBi). (For Band2 & 4)

ERP (dBm) = EIRP (dBm) - 2.15 (dB). (For Band5)

AppendixB:Peak-to-Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	3.04	13	PASS
Band4	1413	3.07	13	PASS
Band5	4183	3.08	13	PASS

Remark: All channel had been tested, but only the worst case data displayed in this report.

Test Graphs(WCDMA)



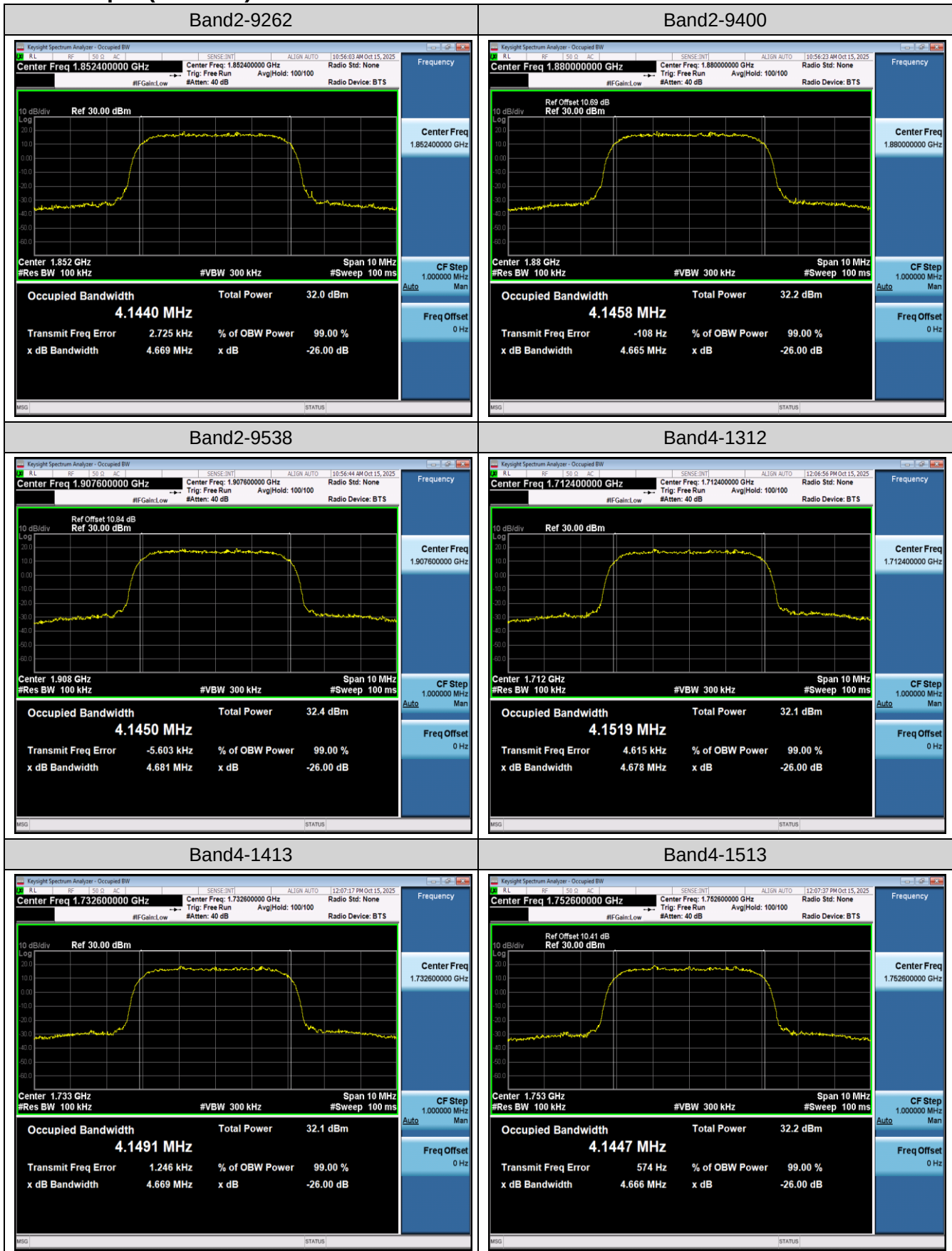
AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result(WCDMA)

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9262	4.1440	4.669	---	PASS
Band2	9400	4.1458	4.665	---	PASS
Band2	9538	4.1450	4.681	---	PASS
Band4	1312	4.1519	4.678	---	PASS
Band4	1413	4.1491	4.669	---	PASS
Band4	1513	4.1447	4.666	---	PASS
Band5	4132	4.1468	4.661	---	PASS
Band5	4183	4.1536	4.667	---	PASS
Band5	4233	4.1485	4.658	---	PASS



Test Graphs(WCDMA)

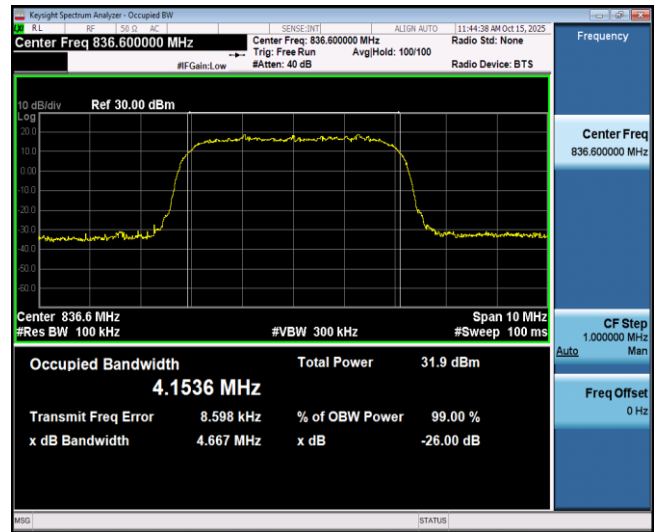




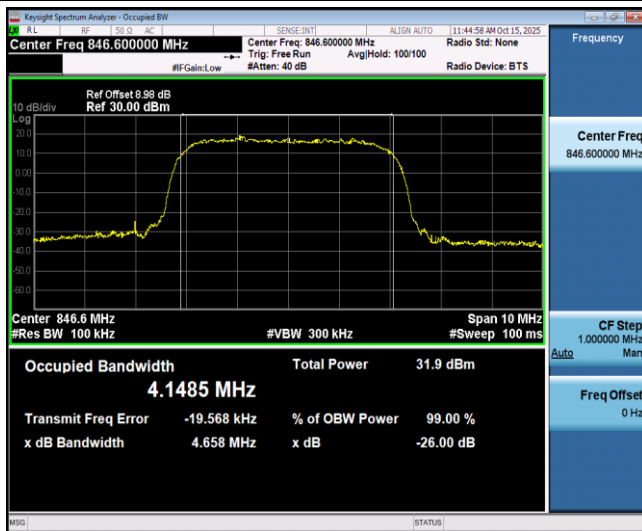
Band5-4132



Band5-4183



Band5-4233

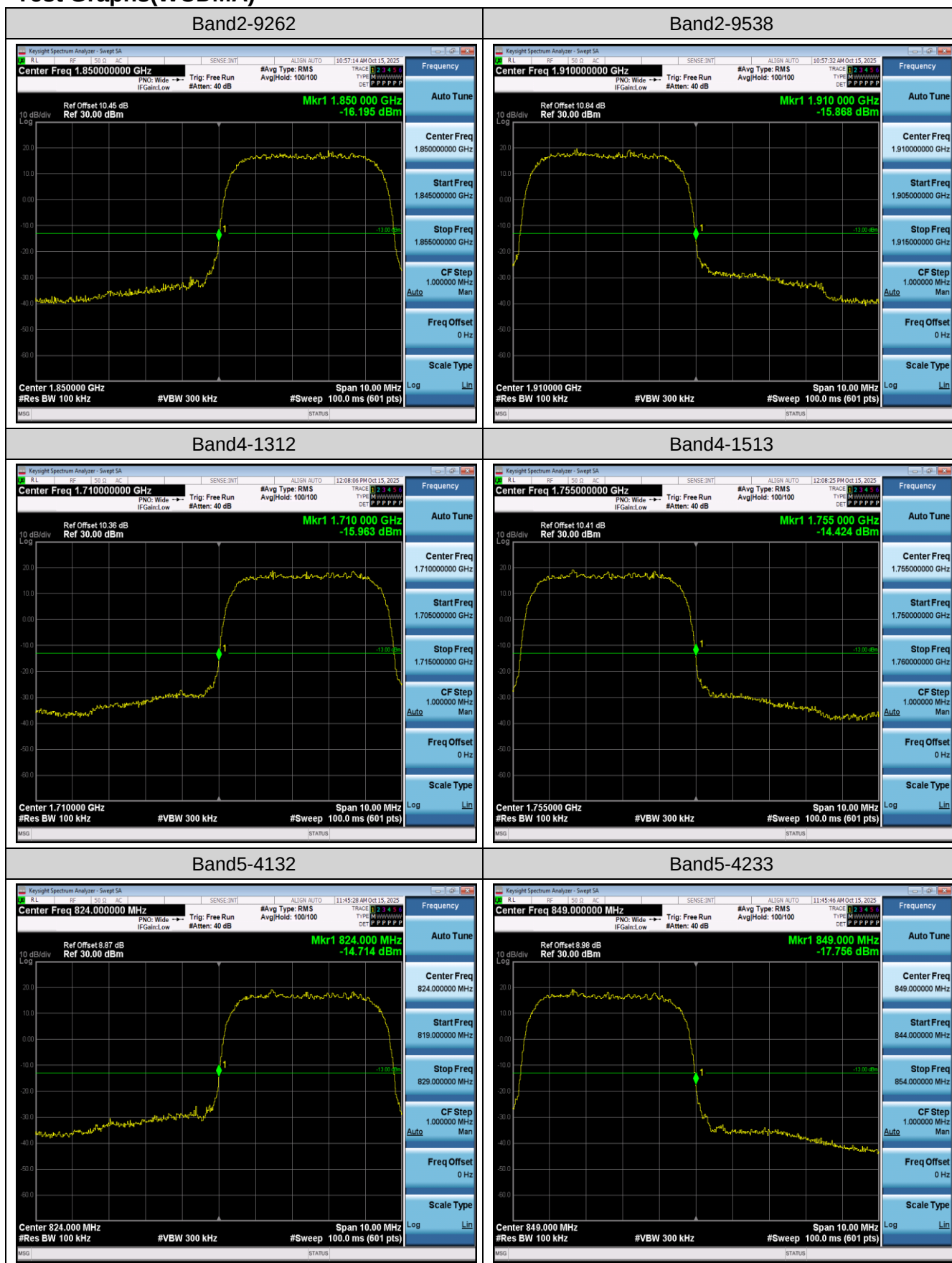


AppendixD:Band Edge

Test Result(WCDMA)

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-16.20	-13	PASS
Band2	9538	1910.00	-15.87	-13	PASS
Band4	1312	1710.00	-15.96	-13	PASS
Band4	1513	1755.00	-14.42	-13	PASS
Band5	4132	824.00	-14.71	-13	PASS
Band5	4233	849.00	-17.76	-13	PASS

Test Graphs(WCDMA)



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Appendix E: Conducted Spurious Emission

Test Result(WCDMA)

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.01	-55.79	-43	PASS
Band2	9262	0.15~30MHz	0.15	-46.06	-23	PASS
Band2	9262	30~1000MHz	428.02	-46.19	-13	PASS
Band2	9262	1000~20000MHz	19937.3	-30.42	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-55.66	-43	PASS
Band2	9400	0.15~30MHz	0.15	-46.46	-23	PASS
Band2	9400	30~1000MHz	398.18	-46.15	-13	PASS
Band2	9400	1000~20000MHz	19917.67	-30.32	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-55.53	-43	PASS
Band2	9538	0.15~30MHz	0.16	-48.17	-23	PASS
Band2	9538	30~1000MHz	174.59	-46.87	-13	PASS
Band2	9538	1000~20000MHz	19819.5	-29.8	-13	PASS
Band4	1312	0.009~0.15MHz	0.01	-55.48	-43	PASS
Band4	1312	0.15~30MHz	0.16	-48.36	-23	PASS
Band4	1312	30~1000MHz	941.99	-45.65	-13	PASS
Band4	1312	1000~20000MHz	19955.03	-30.3	-13	PASS
Band4	1413	0.009~0.15MHz	0.01	-56.23	-43	PASS
Band4	1413	0.15~30MHz	0.15	-46.32	-23	PASS
Band4	1413	30~1000MHz	988	-45.33	-13	PASS
Band4	1413	1000~20000MHz	19970.23	-30.58	-13	PASS
Band4	1513	0.009~0.15MHz	0.01	-54.38	-43	PASS
Band4	1513	0.15~30MHz	0.15	-48.02	-23	PASS
Band4	1513	30~1000MHz	782.91	-46.56	-13	PASS
Band4	1513	1000~20000MHz	19921.47	-30.55	-13	PASS
Band5	4132	0.009~0.15MHz	0.01	-56.87	-33	PASS
Band5	4132	0.15~30MHz	0.15	-47.36	-13	PASS
Band5	4132	30~1000MHz	210.36	-54.65	-13	PASS
Band5	4132	1000~10000MHz	3007.3	-37.07	-13	PASS
Band5	4183	0.009~0.15MHz	0.01	-56.47	-33	PASS
Band5	4183	0.15~30MHz	0.15	-46.54	-13	PASS
Band5	4183	30~1000MHz	494.5	-55.39	-13	PASS
Band5	4183	1000~10000MHz	5963.2	-37.41	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-57.5	-33	PASS
Band5	4233	0.15~30MHz	0.15	-46.85	-13	PASS
Band5	4233	30~1000MHz	354.95	-55.67	-13	PASS
Band5	4233	1000~10000MHz	5844.4	-37.06	-13	PASS