

AppendixA: Effective (Isotropic) Radiated Power Output Data

Test Result(WCDMA)

Band	Channel	Power(dBm)	Gain (dBi)	EIRP/ERP (dBm)	Limit(dBm)	Verdict
Band2	9262	25.81	1.93	27.74	33	PASS
Band2	9400	26.00	1.93	27.93	33	PASS
Band2	9538	25.45	1.93	27.38	33	PASS
Band5	4132	23.22	0.78	21.85	38.45	PASS
Band5	4182	23.39	0.78	22.02	38.45	PASS
Band5	4233	21.63	0.78	20.26	38.45	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	Gain (dBi)	EIRP/ERP (dBm)	Limit(dBm)	Verdict
Band2	9262	1	25.68	1.93	27.61	33	PASS
Band2	9262	2	25.05	1.93	26.98	33	PASS
Band2	9262	3	24.64	1.93	26.57	33	PASS
Band2	9262	4	24.57	1.93	26.50	33	PASS
Band2	9400	1	25.9	1.93	27.83	33	PASS
Band2	9400	2	25.3	1.93	27.23	33	PASS
Band2	9400	3	24.9	1.93	26.83	33	PASS
Band2	9400	4	24.84	1.93	26.77	33	PASS
Band2	9538	1	25.31	1.93	27.24	33	PASS
Band2	9538	2	24.62	1.93	26.55	33	PASS
Band2	9538	3	24.24	1.93	26.17	33	PASS
Band2	9538	4	24.18	1.93	26.11	33	PASS
Band5	4132	1	23.16	0.78	21.79	38.45	PASS
Band5	4132	2	22.58	0.78	21.21	38.45	PASS
Band5	4132	3	22.12	0.78	20.75	38.45	PASS
Band5	4132	4	22.19	0.78	20.82	38.45	PASS
Band5	4182	1	23.36	0.78	21.99	38.45	PASS
Band5	4182	2	22.75	0.78	21.38	38.45	PASS
Band5	4182	3	22.16	0.78	20.79	38.45	PASS
Band5	4182	4	22.24	0.78	20.87	38.45	PASS
Band5	4233	1	21.64	0.78	20.27	38.45	PASS
Band5	4233	2	21.12	0.78	19.75	38.45	PASS

Band5	4233	3	20.54	0.78	19.17	38.45	PASS
Band5	4233	4	20.6	0.78	19.23	38.45	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Power(dBm)	Gain (dBi)	EIRP/ERP (dBm)	Limit(dBm)	Verdict
Band2	9262	1	24.99	1.93	26.92	33	PASS
Band2	9262	2	23.39	1.93	25.32	33	PASS
Band2	9262	3	23.99	1.93	25.92	33	PASS
Band2	9262	4	23.45	1.93	25.38	33	PASS
Band2	9262	5	25.47	1.93	27.40	33	PASS
Band2	9400	1	25.34	1.93	27.27	33	PASS
Band2	9400	2	24.01	1.93	25.94	33	PASS
Band2	9400	3	24.64	1.93	26.57	33	PASS
Band2	9400	4	23.99	1.93	25.92	33	PASS
Band2	9400	5	25.67	1.93	27.60	33	PASS
Band2	9538	1	24.93	1.93	26.86	33	PASS
Band2	9538	2	23.57	1.93	25.50	33	PASS
Band2	9538	3	24.25	1.93	26.18	33	PASS
Band2	9538	4	23.76	1.93	25.69	33	PASS
Band2	9538	5	24.97	1.93	26.90	33	PASS
Band5	4132	1	22.32	0.78	20.95	38.45	PASS
Band5	4132	2	20.71	0.78	19.34	38.45	PASS
Band5	4132	3	21.37	0.78	20.00	38.45	PASS
Band5	4132	4	20.93	0.78	19.56	38.45	PASS
Band5	4132	5	23.12	0.78	21.75	38.45	PASS
Band5	4182	1	22.29	0.78	20.92	38.45	PASS
Band5	4182	2	21.34	0.78	19.97	38.45	PASS
Band5	4182	3	21.70	0.78	20.33	38.45	PASS
Band5	4182	4	21.48	0.78	20.11	38.45	PASS
Band5	4182	5	23.25	0.78	21.88	38.45	PASS
Band5	4233	1	20.67	0.78	19.30	38.45	PASS
Band5	4233	2	19.80	0.78	18.43	38.45	PASS
Band5	4233	3	20.10	0.78	18.73	38.45	PASS
Band5	4233	4	19.89	0.78	18.52	38.45	PASS
Band5	4233	5	21.58	0.78	20.21	38.45	PASS

AppendixB:Peak-to-Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	2.16	13	PASS
Band2	9400	1.92	13	PASS
Band2	9538	1.84	13	PASS
Band5	4132	2.83	13	PASS
Band5	4182	2.67	13	PASS
Band5	4233	3.06	13	PASS

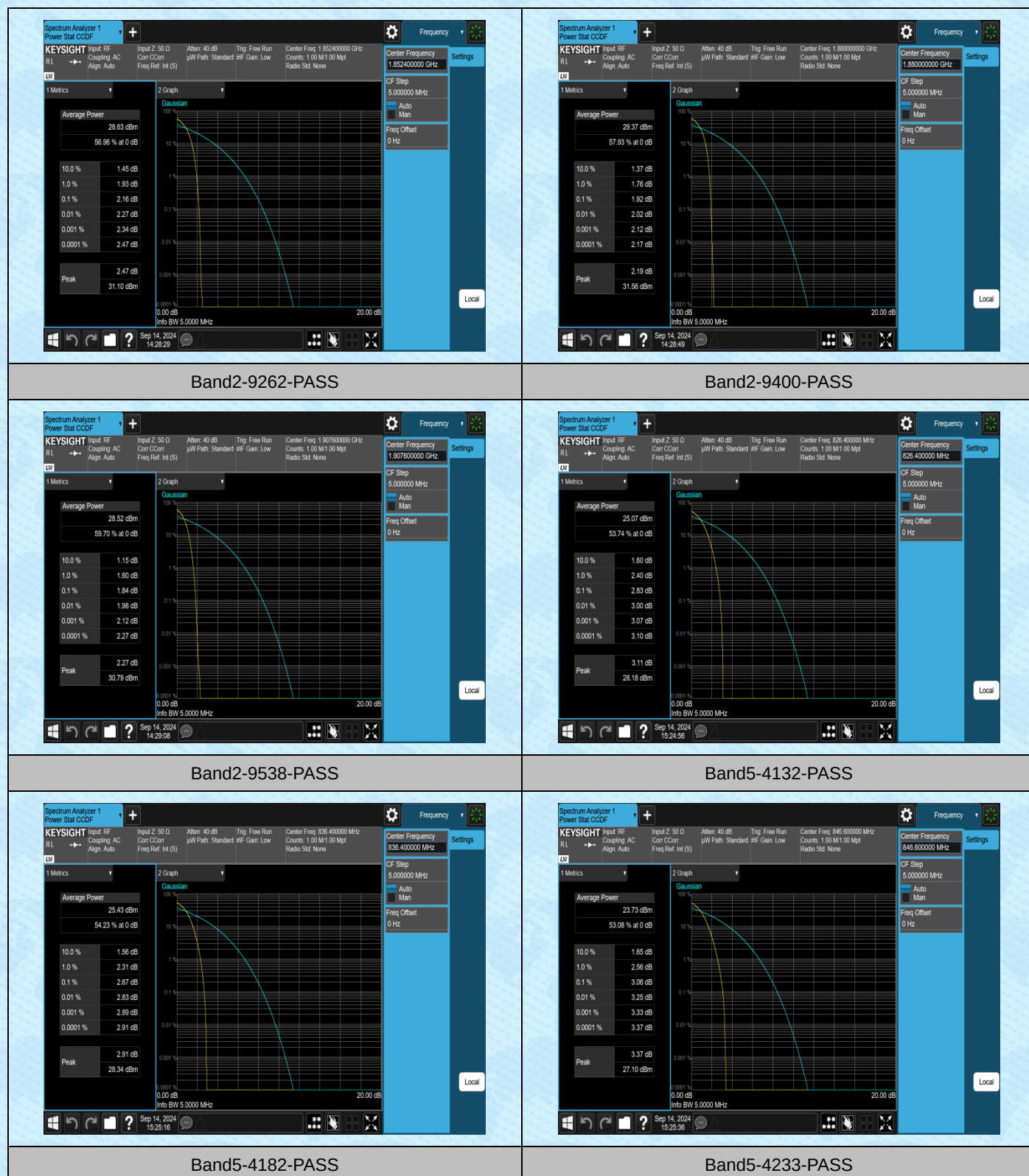
Test Result(HSDPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	2.17	13	PASS
Band2	9400	1	2.04	13	PASS
Band2	9538	1	1.86	13	PASS
Band5	4132	1	2.87	13	PASS
Band5	4182	1	2.75	13	PASS
Band5	4233	1	3.06	13	PASS

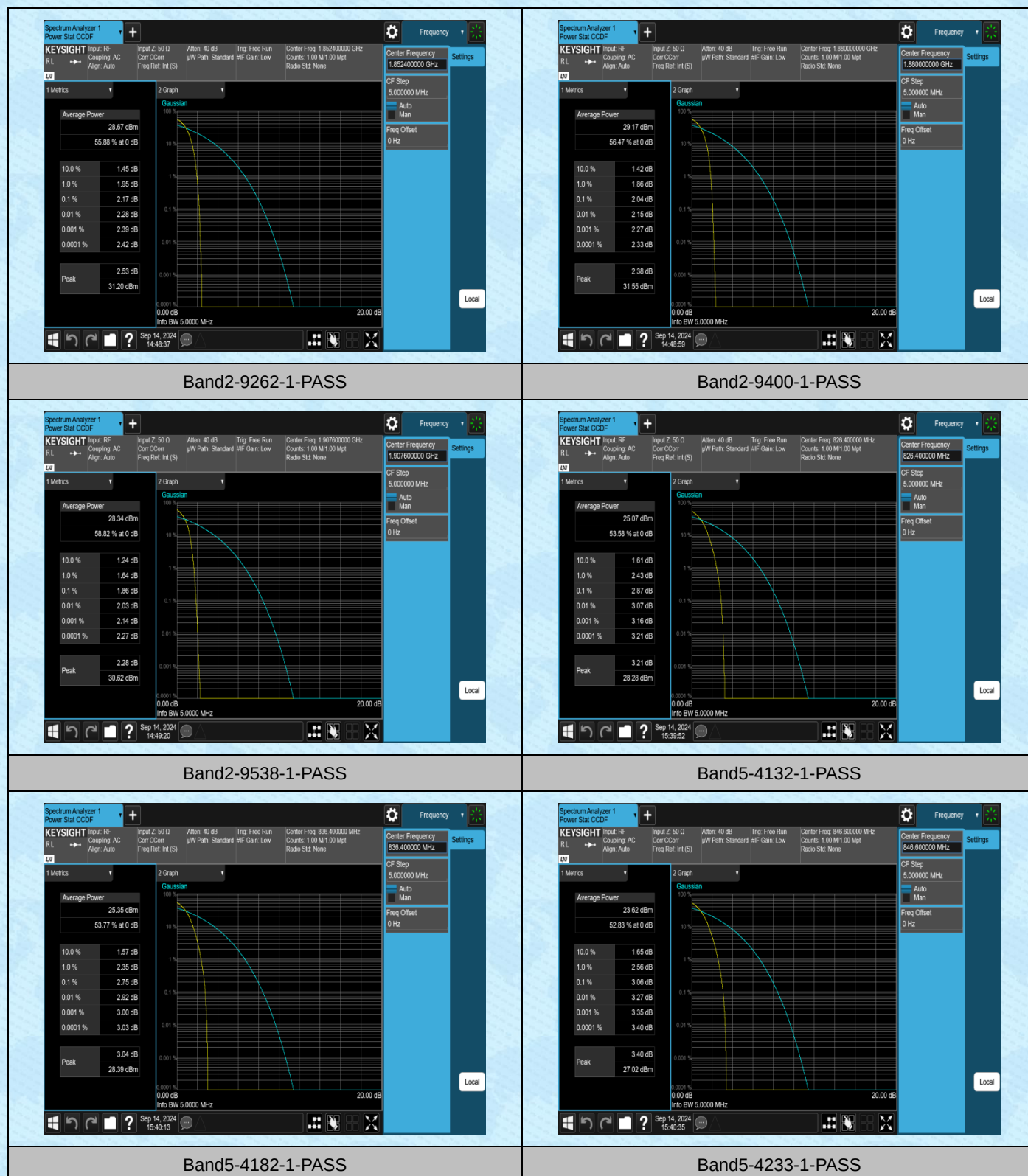
Test Result(HSUPA)

Band	Channel	SubTest	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	1	3.4	13	PASS
Band2	9400	1	3.29	13	PASS
Band2	9538	1	3.03	13	PASS
Band5	4132	1	4.13	13	PASS
Band5	4182	1	4.11	13	PASS
Band5	4233	1	4.34	13	PASS

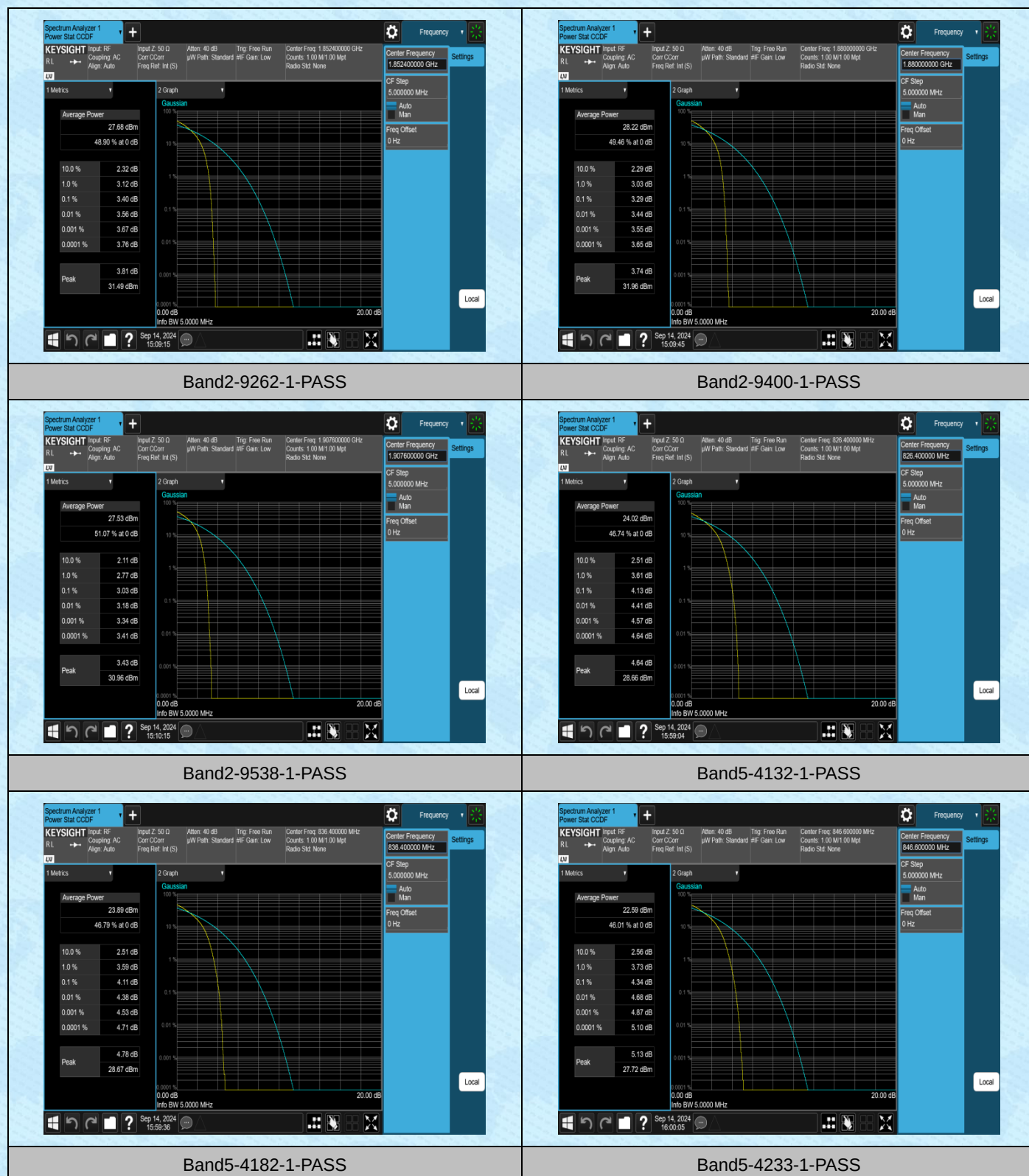
Test Graphs(WCDMA)



Test Graphs(HSDPA)



Test Graphs(HSUPA)



AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result(WCDMA)

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.1674	4.743	---	PASS
Band2	9400	4.1666	4.753	---	PASS
Band2	9538	4.2814	5.252	---	PASS
Band5	4132	4.1451	4.706	---	PASS
Band5	4182	4.1487	4.720	---	PASS
Band5	4233	4.1532	4.706	---	PASS

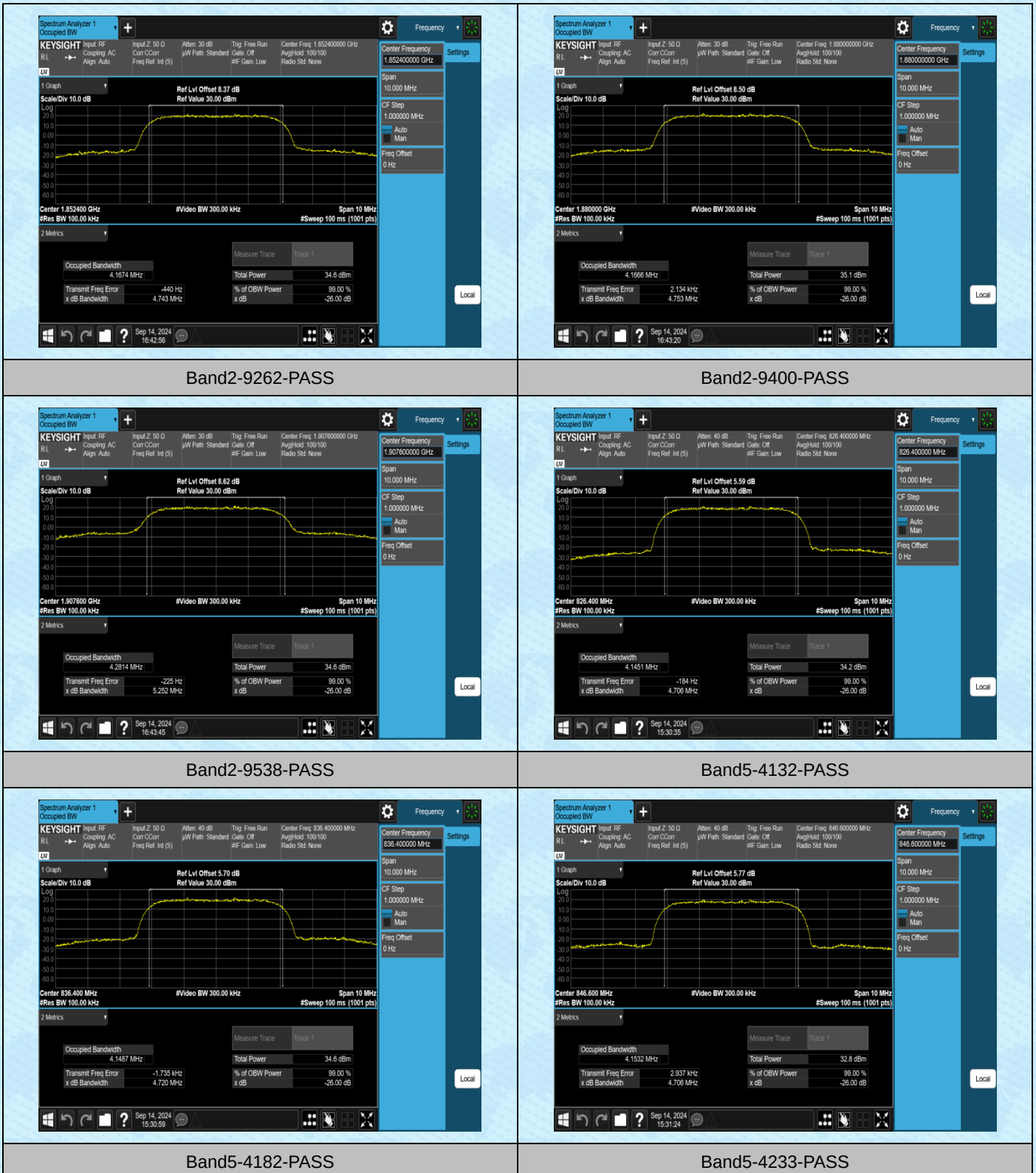
Test Result(HSDPA)

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.1735	4.759	---	PASS
Band2	9400	1	4.1705	4.764	---	PASS
Band2	9538	1	4.2150	4.864	---	PASS
Band5	4132	1	4.1510	4.723	---	PASS
Band5	4182	1	4.1542	4.732	---	PASS
Band5	4233	1	4.1554	4.707	---	PASS

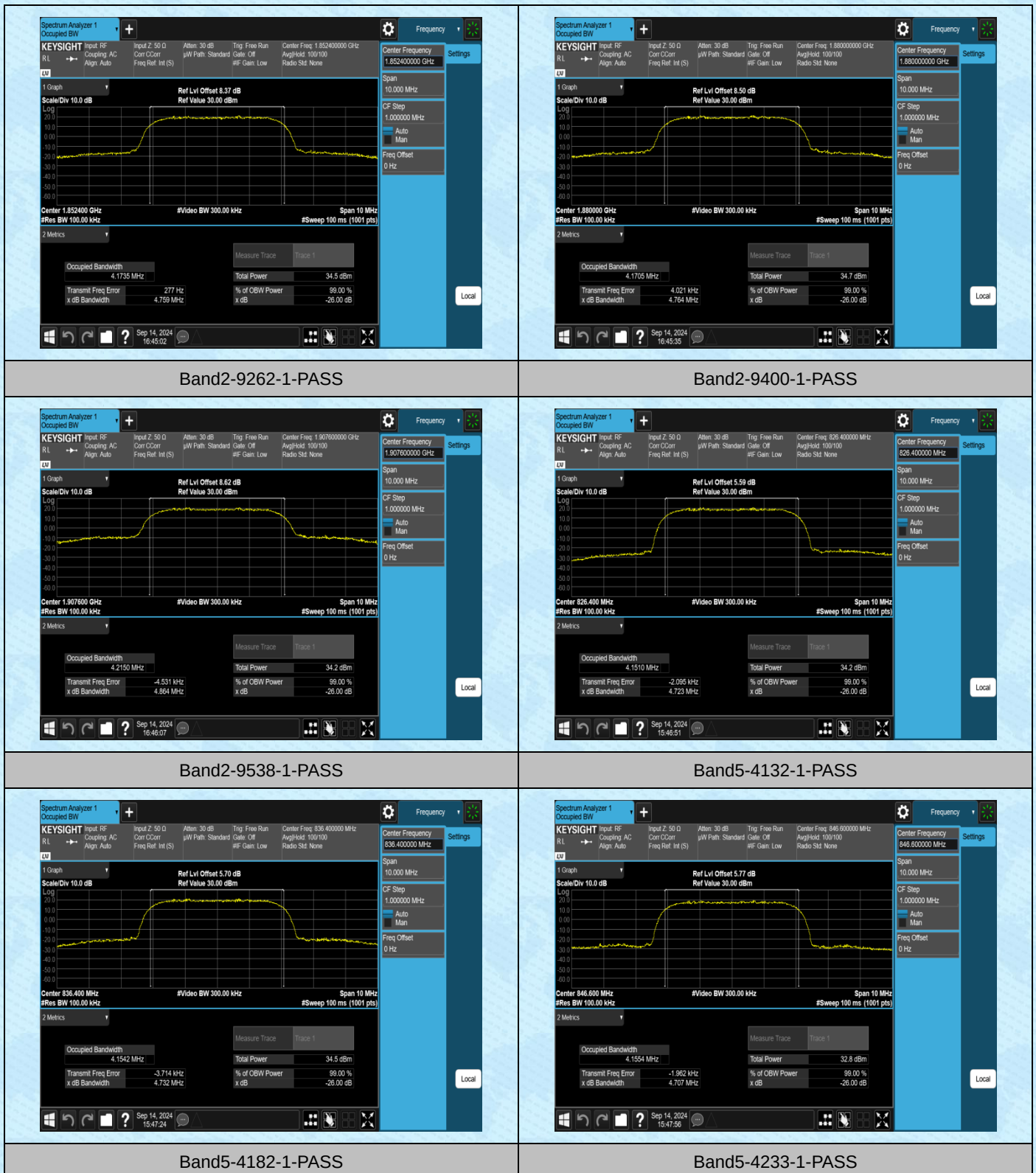
Test Result(HSUPA)

Band	Channel	SubTest	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	1	4.1930	4.757	---	PASS
Band2	9400	1	4.1916	4.801	---	PASS
Band2	9538	1	4.2152	4.819	---	PASS
Band5	4132	1	4.1760	4.720	---	PASS
Band5	4182	1	4.1751	4.714	---	PASS
Band5	4233	1	4.1705	4.719	---	PASS

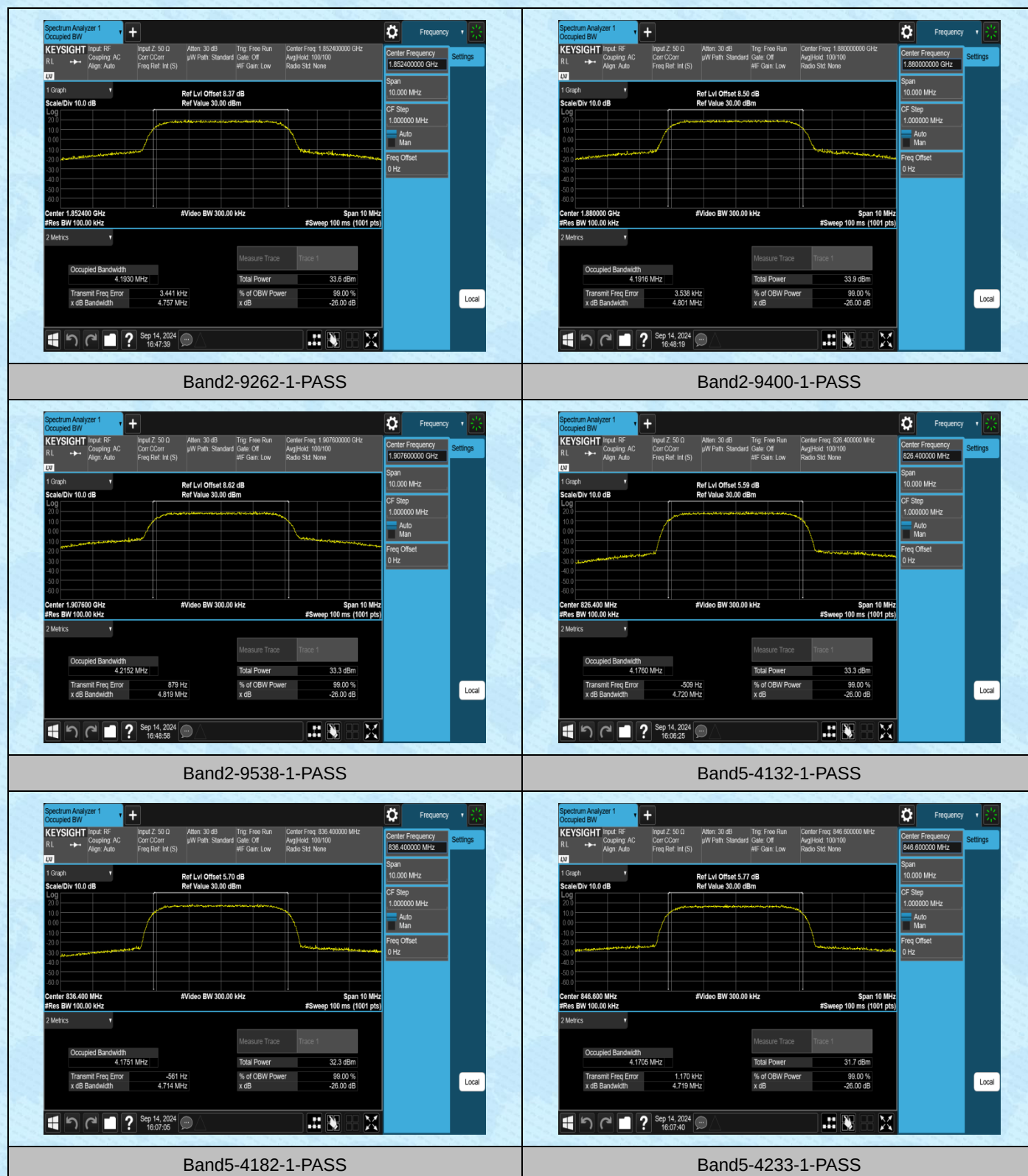
Test Graphs(WCDMA)



Test Graphs(HSDPA)



Test Graphs(HSUPA)



AppendixD:Band Edge

Test Result(WCDMA)

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-24.84	-13	PASS
Band2	9538	1910.00	-18.06	-13	PASS
Band5	4132	824.00	-24.49	-13	PASS
Band5	4233	849.00	-26.83	-13	PASS

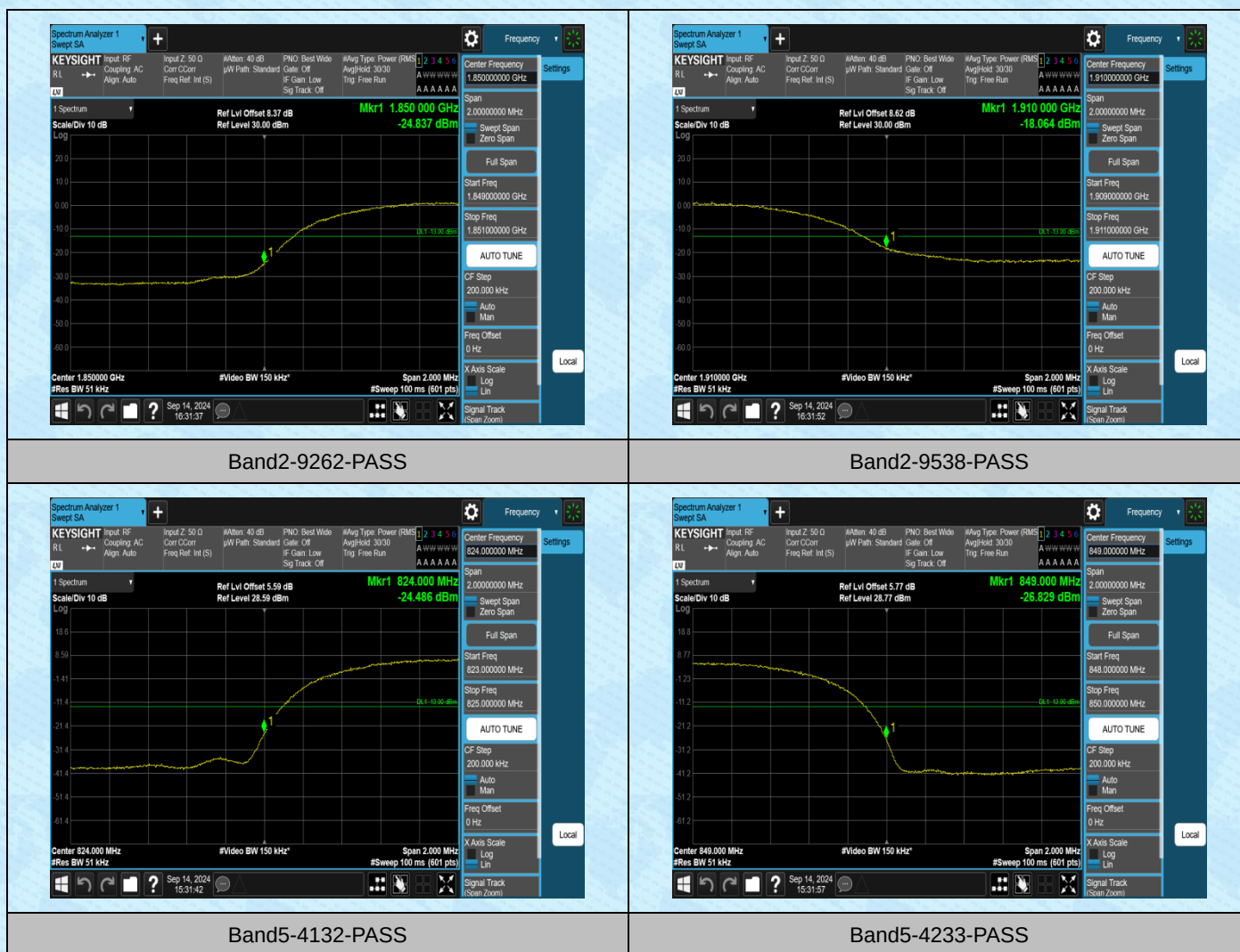
Test Result(HSDPA)

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1850.00	-20.85	-13	PASS
Band2	9538	1	1910.00	-16.19	-13	PASS
Band5	4132	1	824.00	-24.37	-13	PASS
Band5	4233	1	849.00	-27.12	-13	PASS

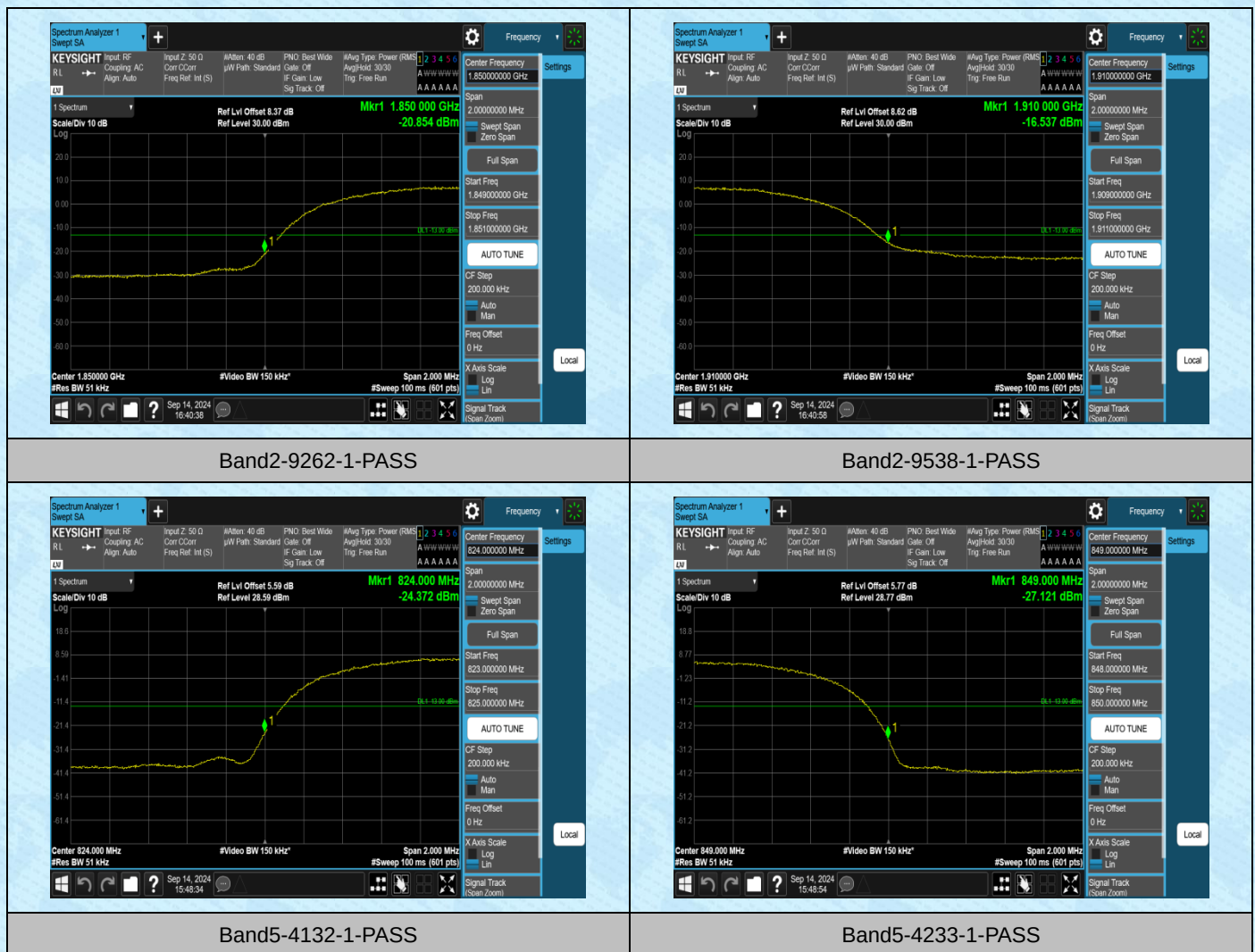
Test Result(HSUPA)

Band	Channel	SubTest	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1	1850.00	-21.25	-13	PASS
Band2	9538	1	1910.00	-15.45	-13	PASS
Band5	4132	1	824.00	-25.55	-13	PASS
Band5	4233	1	849.00	-27.51	-13	PASS

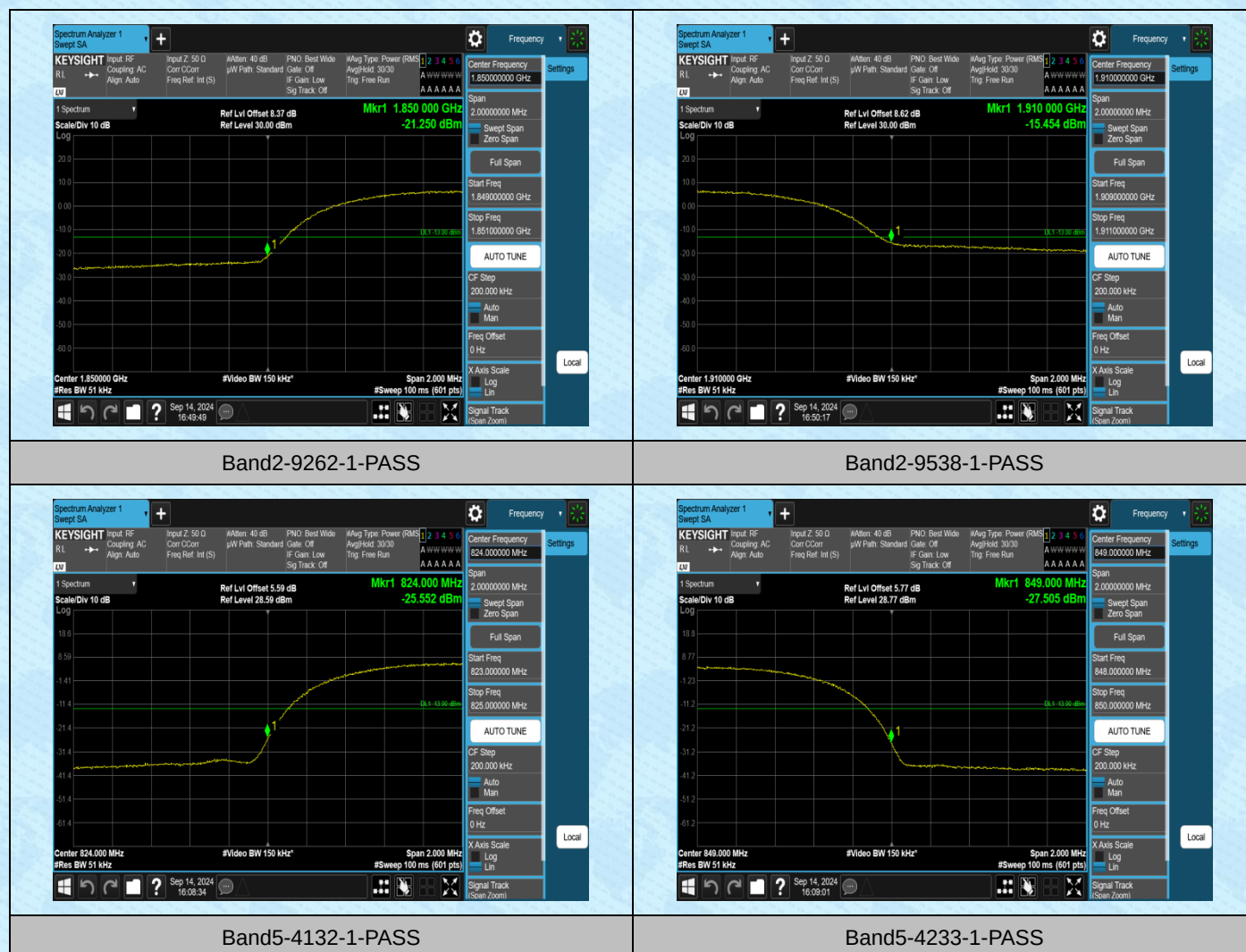
Test Graphs(WCDMA)



Test Graphs(HSDPA)



Test Graphs(HSUPA)



AppendixE:Conducted SpuriousEmission

Test Result(WCDMA)

Band	Channel	Frequency Range (Mhz)	Frequency (MHz)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.02	-58.14	-43	PASS
Band2	9262	0.15~30MHz	4.03	-51.07	-33	PASS
Band2	9262	30~1000MHz	909.79	-48	-13	PASS
Band2	9262	1000~20000MHz	17073.53	-29.49	-13	PASS
Band2	9400	0.009~0.15MHz	0.02	-61.47	-43	PASS
Band2	9400	0.15~30MHz	4.06	-50.78	-33	PASS
Band2	9400	30~1000MHz	875.36	-47.92	-13	PASS
Band2	9400	1000~20000MHz	16338.7	-29.67	-13	PASS
Band2	9538	0.009~0.15MHz	0.02	-58.6	-43	PASS
Band2	9538	0.15~30MHz	4.06	-50.51	-33	PASS
Band2	9538	30~1000MHz	906.88	-47.92	-13	PASS
Band2	9538	1000~20000MHz	16735.8	-29.39	-13	PASS
Band5	4132	0.009~0.15MHz	0.02	-58.93	-33	PASS
Band5	4132	0.15~30MHz	4.06	-51.06	-23	PASS
Band5	4132	30~1000MHz	950.53	-57.18	-13	PASS
Band5	4132	1000~10000MHz	3710.35	-37.73	-13	PASS
Band5	4182	0.009~0.15MHz	0.02	-57.24	-33	PASS
Band5	4182	0.15~30MHz	4.06	-50.39	-23	PASS
Band5	4182	30~1000MHz	987.88	-57.21	-13	PASS
Band5	4182	1000~10000MHz	3702.7	-37.47	-13	PASS
Band5	4233	0.009~0.15MHz	0.02	-59.94	-33	PASS
Band5	4233	0.15~30MHz	4.06	-51.11	-23	PASS
Band5	4233	30~1000MHz	993.21	-57.18	-13	PASS
Band5	4233	1000~10000MHz	3191.95	-38.06	-13	PASS

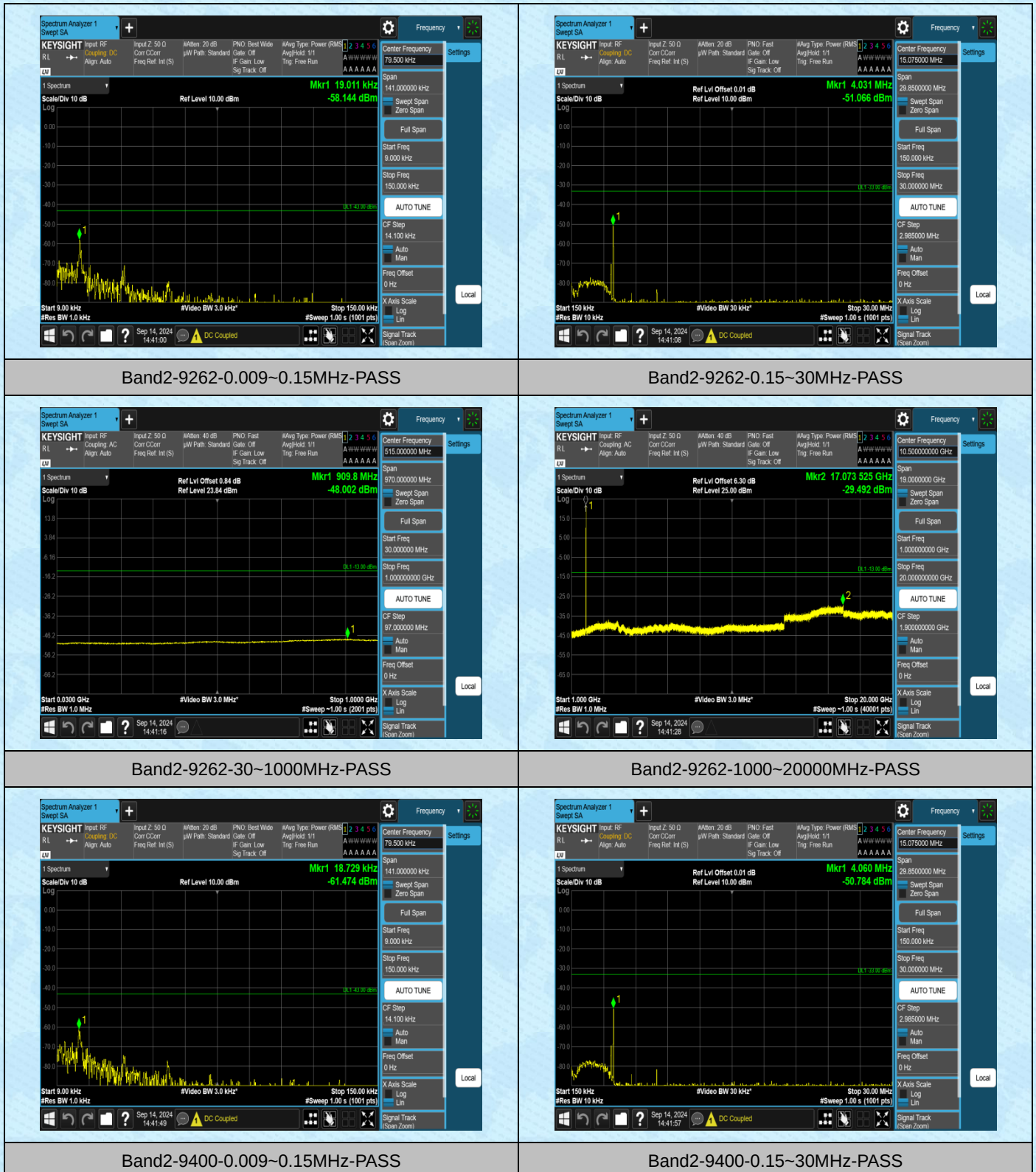
Test Result(HSDPA)

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (MHz)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.009~0.15MHz	0.02	-58.04	-43	PASS
Band2	9262	1	0.15~30MHz	4.06	-50.74	-33	PASS
Band2	9262	1	30~1000MHz	895.73	-47.99	-13	PASS
Band2	9262	1	1000~20000MHz	17098.7	-29.38	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.02	-60.74	-43	PASS
Band2	9400	1	0.15~30MHz	4.06	-50.14	-33	PASS
Band2	9400	1	30~1000MHz	890.88	-47.88	-13	PASS
Band2	9400	1	1000~20000MHz	17099.65	-29.59	-13	PASS
Band2	9538	1	0.009~0.15MHz	0.02	-59.5	-43	PASS
Band2	9538	1	0.15~30MHz	4.06	-50.01	-33	PASS
Band2	9538	1	30~1000MHz	877.78	-47.97	-13	PASS
Band2	9538	1	1000~20000MHz	15744.48	-29.78	-13	PASS
Band5	4132	1	0.009~0.15MHz	0.02	-60.95	-33	PASS
Band5	4132	1	0.15~30MHz	4.06	-50.74	-23	PASS
Band5	4132	1	30~1000MHz	939.38	-57.33	-13	PASS
Band5	4132	1	1000~10000MHz	3698.65	-37.79	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.02	-60.81	-33	PASS
Band5	4182	1	0.15~30MHz	4.06	-50.89	-23	PASS
Band5	4182	1	30~1000MHz	939.86	-57.03	-13	PASS
Band5	4182	1	1000~10000MHz	3074.95	-37.91	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.02	-61.27	-33	PASS
Band5	4233	1	0.15~30MHz	4.06	-50.19	-23	PASS
Band5	4233	1	30~1000MHz	963.63	-57.33	-13	PASS
Band5	4233	1	1000~10000MHz	3705.85	-37.78	-13	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (MHz)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	1	0.009~0.15MHz	0.02	-58.78	-43	PASS
Band2	9262	1	0.15~30MHz	4.03	-52.45	-33	PASS
Band2	9262	1	30~1000MHz	911.25	-47.98	-13	PASS
Band2	9262	1	1000~20000MHz	16752.9	-29.34	-13	PASS
Band2	9400	1	0.009~0.15MHz	0.02	-60.32	-43	PASS
Band2	9400	1	0.15~30MHz	4.06	-51.35	-33	PASS
Band2	9400	1	30~1000MHz	908.82	-48	-13	PASS
Band2	9400	1	1000~20000MHz	17034.58	-29.47	-13	PASS
Band2	9538	1	0.009~0.15MHz	0.02	-59.75	-43	PASS
Band2	9538	1	0.15~30MHz	4.06	-50.29	-33	PASS
Band2	9538	1	30~1000MHz	896.21	-47.93	-13	PASS
Band2	9538	1	1000~20000MHz	16824.63	-29.4	-13	PASS
Band5	4132	1	0.009~0.15MHz	0.02	-58.27	-33	PASS
Band5	4132	1	0.15~30MHz	4.06	-50.67	-23	PASS
Band5	4132	1	30~1000MHz	965.08	-57.6	-13	PASS
Band5	4132	1	1000~10000MHz	3676.15	-37.76	-13	PASS
Band5	4182	1	0.009~0.15MHz	0.02	-59.31	-33	PASS
Band5	4182	1	0.15~30MHz	4.03	-51.25	-23	PASS
Band5	4182	1	30~1000MHz	951.5	-57.05	-13	PASS
Band5	4182	1	1000~10000MHz	3704.95	-38.01	-13	PASS
Band5	4233	1	0.009~0.15MHz	0.02	-57.92	-33	PASS
Band5	4233	1	0.15~30MHz	4.03	-52.45	-23	PASS
Band5	4233	1	30~1000MHz	974.78	-57.06	-13	PASS
Band5	4233	1	1000~10000MHz	3707.65	-37.49	-13	PASS

Test Graphs(WCDMA)





Band2-9400-30~1000MHz-PASS



Band2-9400-1000~20000MHz-PASS



Band2-9538-0.009~0.15MHz-PASS



Band2-9538-0.15~30MHz-PASS



Band2-9538-30~1000MHz-PASS



Band2-9538-1000~20000MHz-PASS

