

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	TestMode	9262	27.28	27.88	33	PASS
Band2	TestMode	9400	27.01	27.61	33	PASS
Band2	TestMode	9538	26.48	27.08	33	PASS
Band5	TestMode	4132	23.08	19.83	33	PASS
Band5	TestMode	4183	23.22	19.97	33	PASS
Band5	TestMode	4233	23.11	19.86	33	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band2	9262	1	21.79	22.39	33	PASS
Band2	9262	2	21.26	21.86	33	PASS
Band2	9262	3	21.22	21.82	33	PASS
Band2	9262	4	21.18	21.78	33	PASS
Band2	9400	1	21.66	22.26	33	PASS
Band2	9400	2	21.15	21.75	33	PASS
Band2	9400	3	21.10	21.70	33	PASS
Band2	9400	4	21.04	21.64	33	PASS
Band2	9538	1	21.66	22.26	33	PASS
Band2	9538	2	21.17	21.77	33	PASS
Band2	9538	3	21.08	21.68	33	PASS
Band2	9538	4	21.12	21.72	33	PASS
Band5	4132	1	22.12	18.87	38.5	PASS
Band5	4132	2	21.64	18.39	38.5	PASS
Band5	4132	3	21.60	18.35	38.5	PASS
Band5	4132	4	21.56	18.31	38.5	PASS
Band5	4183	1	22.21	18.96	38.5	PASS
Band5	4183	2	21.82	18.57	38.5	PASS
Band5	4183	3	21.66	18.41	38.5	PASS
Band5	4183	4	21.67	18.42	38.5	PASS
Band5	4233	1	22.16	18.91	38.5	PASS
Band5	4233	2	21.74	18.49	38.5	PASS
Band5	4233	3	21.61	18.36	38.5	PASS
Band5	4233	4	21.60	18.35	38.5	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band2	9262	1	19.71	20.31	33	PASS
Band2	9262	2	20.20	20.80	33	PASS
Band2	9262	3	20.76	21.36	33	PASS
Band2	9262	4	19.73	20.33	33	PASS
Band2	9262	5	21.73	22.33	33	PASS
Band2	9400	1	19.61	20.21	33	PASS
Band2	9400	2	20.11	20.71	33	PASS
Band2	9400	3	20.62	21.22	33	PASS
Band2	9400	4	19.62	20.22	33	PASS
Band2	9400	5	21.62	22.22	33	PASS
Band2	9538	1	19.57	20.17	33	PASS
Band2	9538	2	20.10	20.70	33	PASS
Band2	9538	3	20.63	21.23	33	PASS
Band2	9538	4	19.63	20.23	33	PASS
Band2	9538	5	21.64	22.24	33	PASS
Band5	4132	1	20.19	16.94	38.5	PASS
Band5	4132	2	20.70	17.45	38.5	PASS
Band5	4132	3	21.13	17.88	38.5	PASS
Band5	4132	4	20.19	16.94	38.5	PASS
Band5	4132	5	22.14	18.89	38.5	PASS
Band5	4183	1	20.25	17.00	38.5	PASS
Band5	4183	2	20.75	17.5	38.5	PASS
Band5	4183	3	21.18	17.93	38.5	PASS
Band5	4183	4	20.27	17.02	38.5	PASS
Band5	4183	5	22.19	18.94	38.5	PASS
Band5	4233	1	20.19	16.94	38.5	PASS
Band5	4233	2	20.69	17.44	38.5	PASS
Band5	4233	3	21.11	17.86	38.5	PASS
Band5	4233	4	20.22	16.97	38.5	PASS
Band5	4233	5	22.12	18.87	38.5	PASS

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

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

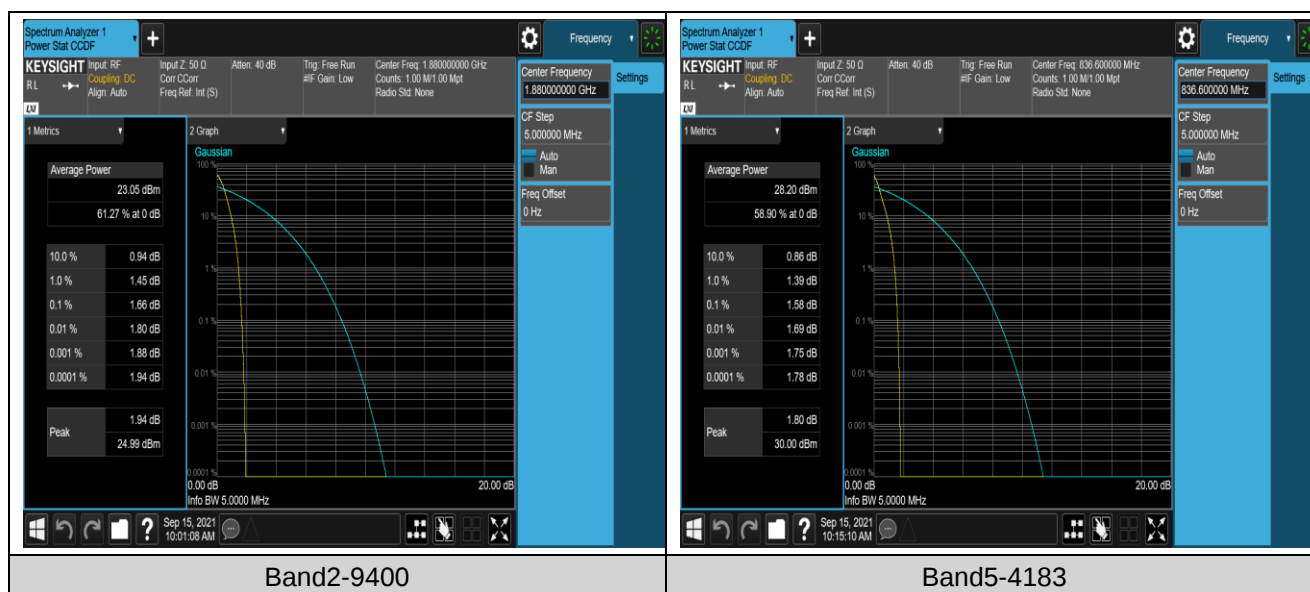
AppendixB:Peak-to-Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9400	1.66	13	PASS
Band5	4183	1.58	13	PASS

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

Test Graphs(WCDMA)

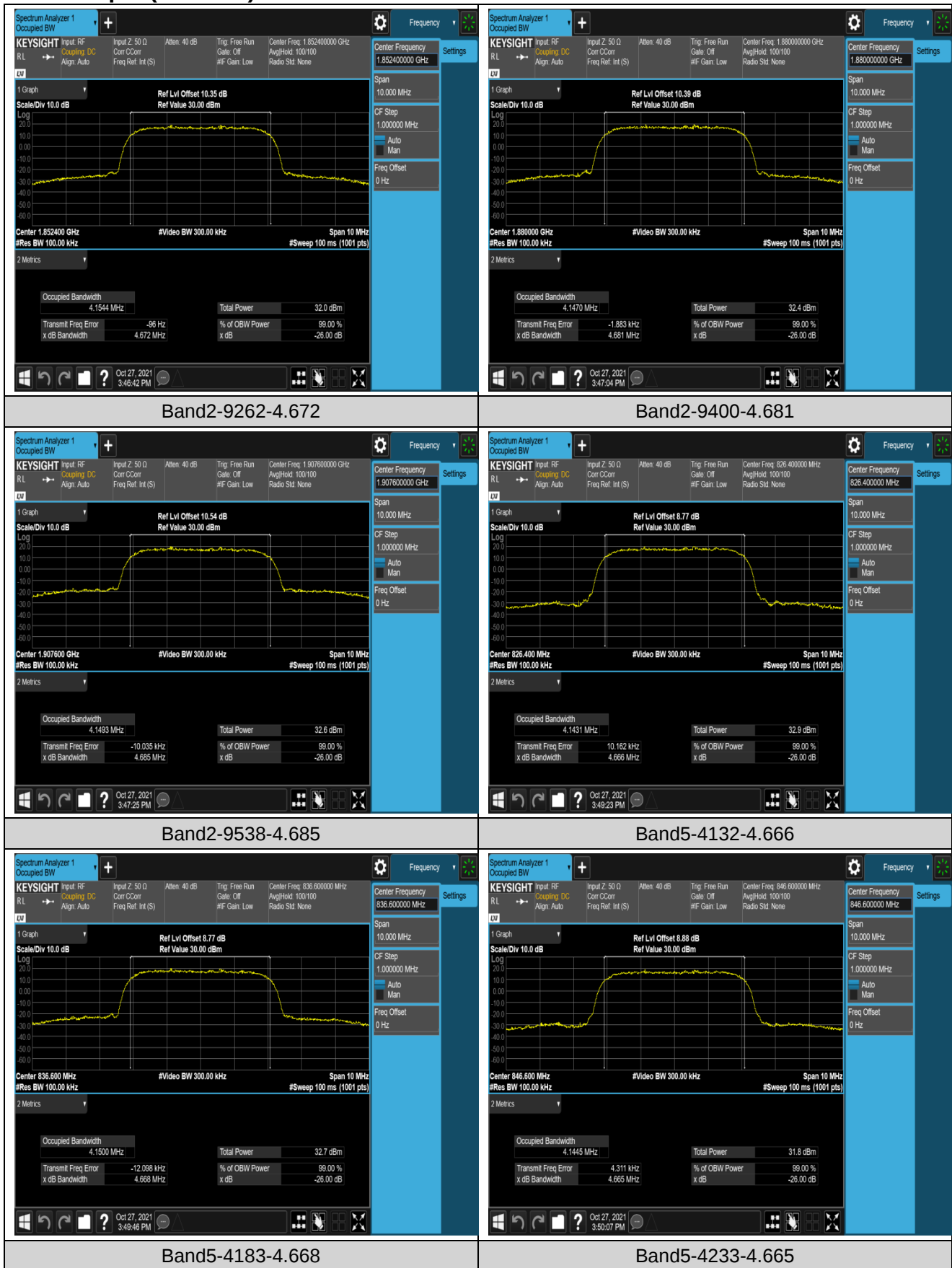


AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result(WCDMA)

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	9262	4.1544	4.672	PASS
Band2	9400	4.1470	4.681	PASS
Band2	9538	4.1493	4.685	PASS
Band5	4132	4.1431	4.666	PASS
Band5	4183	4.1500	4.668	PASS
Band5	4233	4.1445	4.665	PASS

Test Graphs(WCDMA)

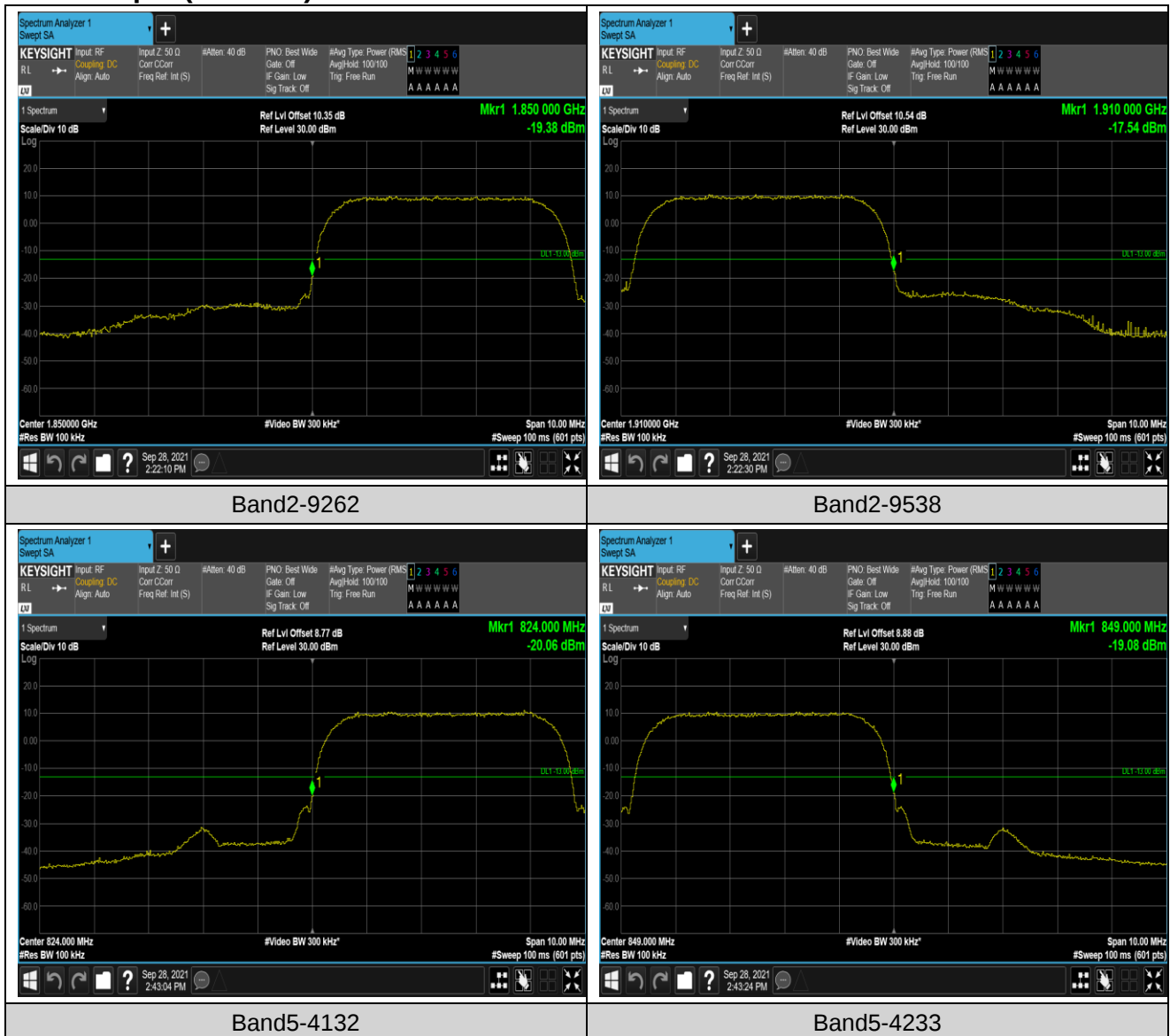


AppendixD:Band Edge

Test Result(WCDMA)

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-19.38	-13	PASS
Band2	9538	1910.00	-17.54	-13	PASS
Band5	4132	824.00	-20.06	-13	PASS
Band5	4233	849.00	-19.08	-13	PASS

Test Graphs(WCDMA)

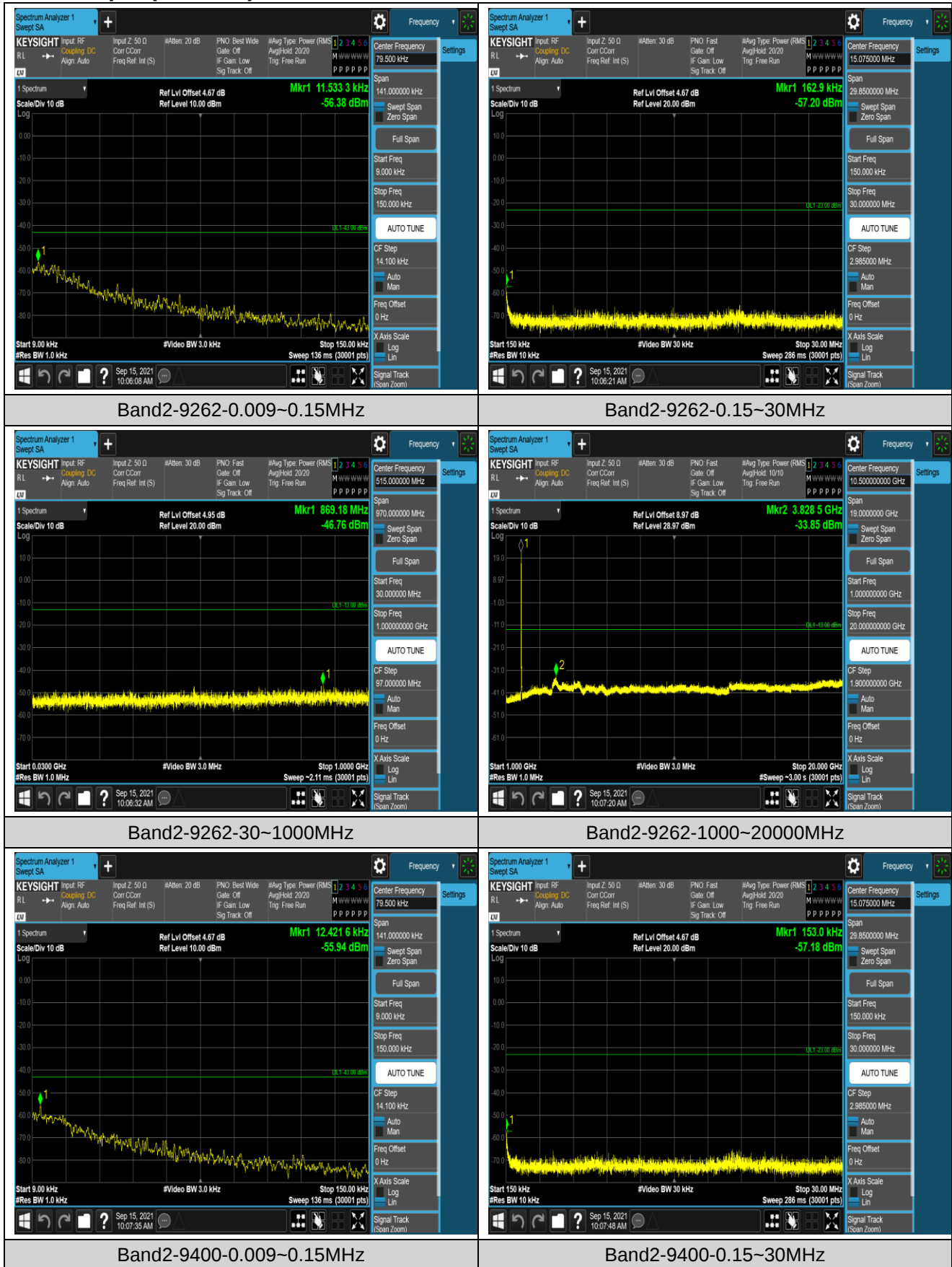


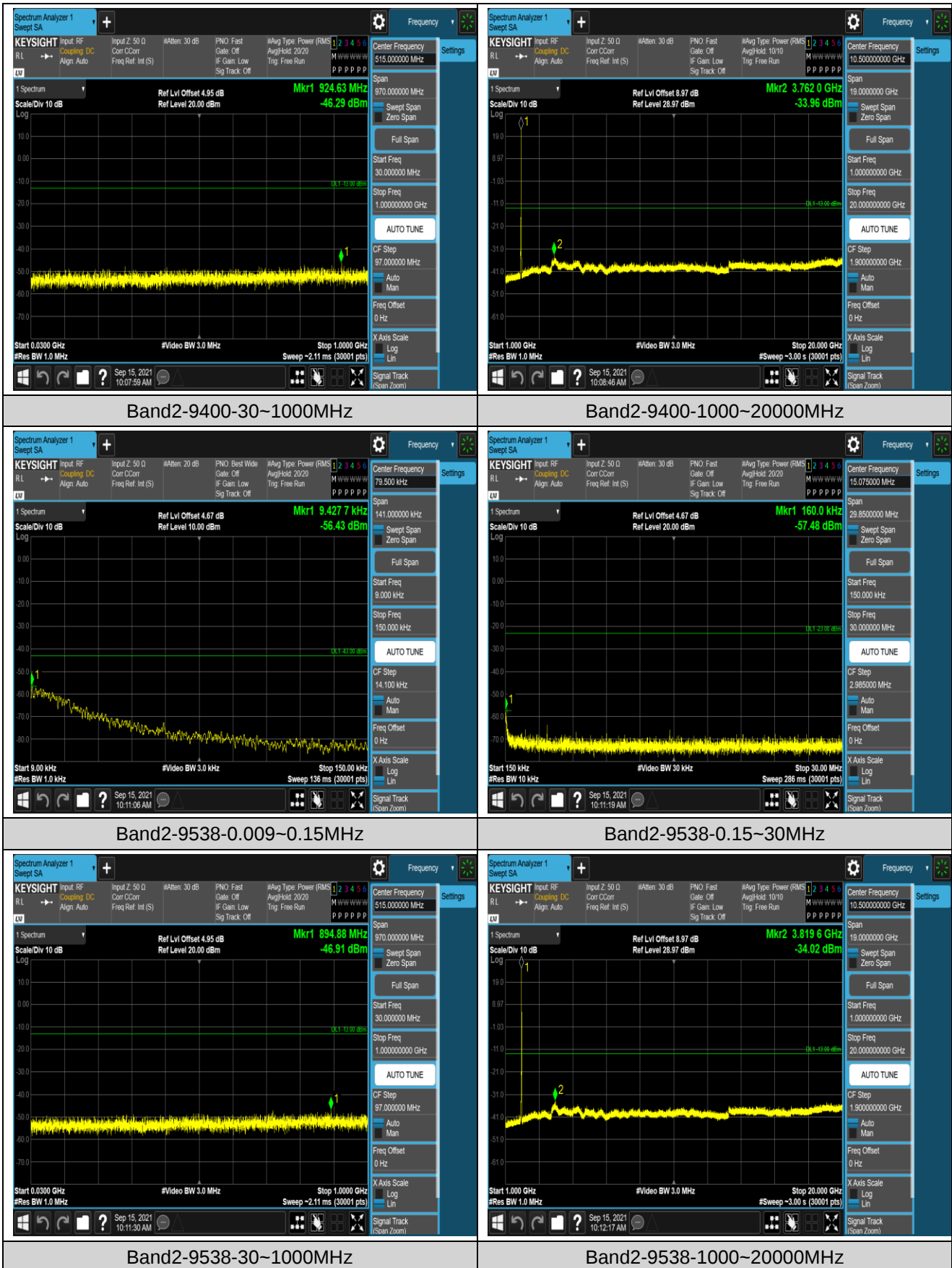
AppendixE:Conducted SpuriousEmission

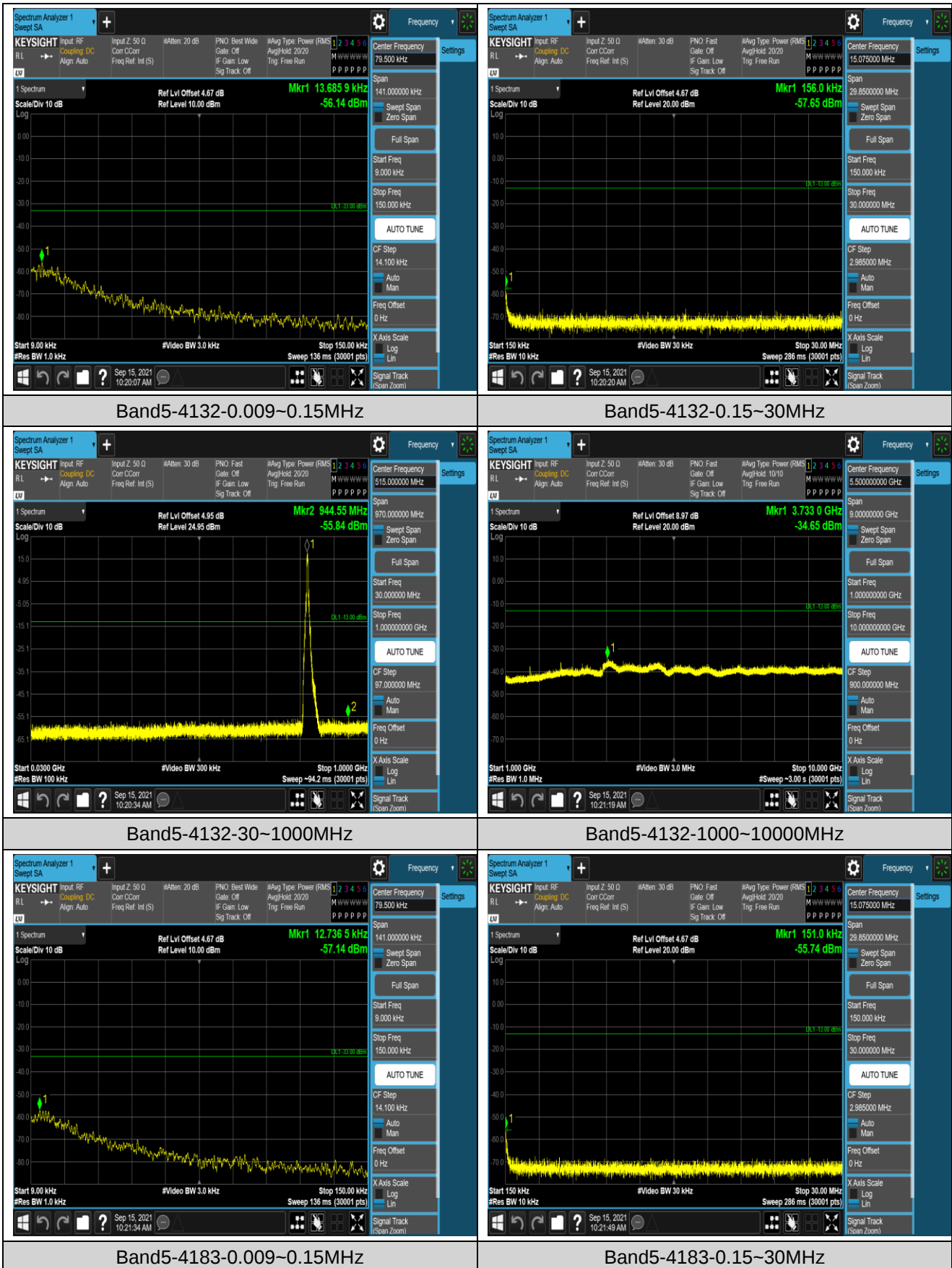
Test Result(WCDMA)

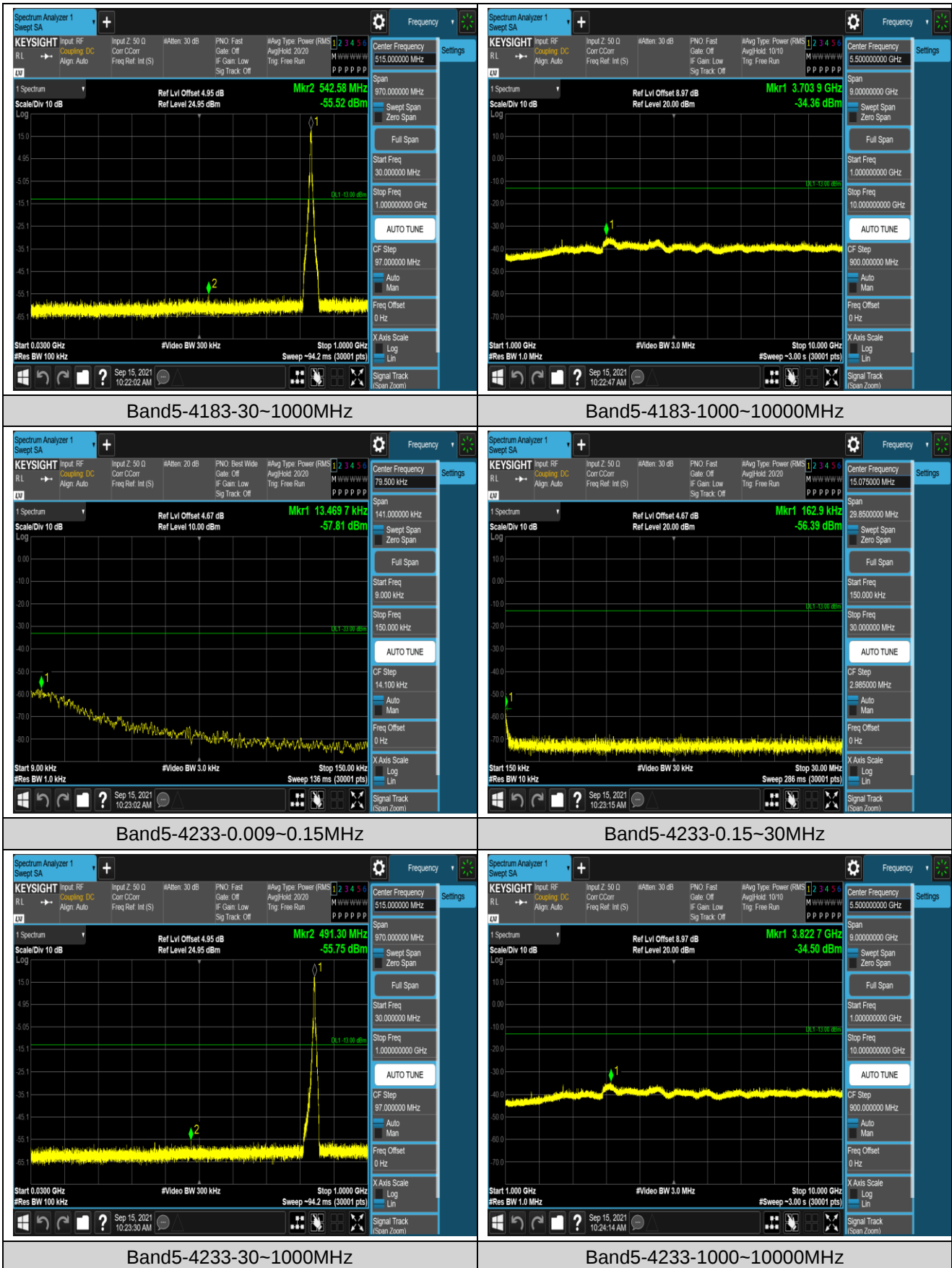
Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.01	-56.38	-43	PASS
Band2	9262	0.15~30MHz	0.16	-57.2	-23	PASS
Band2	9262	30~1000MHz	869.18	-46.76	-13	PASS
Band2	9262	1000~20000MHz	3828.47	-33.85	-13	PASS
Band2	9400	0.009~0.15MHz	0.01	-55.94	-43	PASS
Band2	9400	0.15~30MHz	0.15	-57.18	-23	PASS
Band2	9400	30~1000MHz	924.63	-46.29	-13	PASS
Band2	9400	1000~20000MHz	3761.97	-33.96	-13	PASS
Band2	9538	0.009~0.15MHz	0.01	-56.43	-43	PASS
Band2	9538	0.15~30MHz	0.16	-57.48	-23	PASS
Band2	9538	30~1000MHz	894.88	-46.92	-13	PASS
Band2	9538	1000~20000MHz	3819.6	-34.02	-13	PASS
Band5	4132	0.009~0.15MHz	0.01	-56.14	-33	PASS
Band5	4132	0.15~30MHz	0.16	-57.65	-13	PASS
Band5	4132	30~1000MHz	944.55	-55.84	-13	PASS
Band5	4132	1000~10000MHz	3733	-34.65	-13	PASS
Band5	4183	0.009~0.15MHz	0.01	-57.14	-33	PASS
Band5	4183	0.15~30MHz	0.15	-55.74	-13	PASS
Band5	4183	30~1000MHz	542.58	-55.52	-13	PASS
Band5	4183	1000~10000MHz	3703.9	-34.36	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-57.81	-33	PASS
Band5	4233	0.15~30MHz	0.16	-56.4	-13	PASS
Band5	4233	30~1000MHz	491.3	-55.75	-13	PASS
Band5	4233	1000~10000MHz	3822.7	-34.5	-13	PASS

Test Graphs(WCDMA)









AppendixF:Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	VL	NT	-13.95	-0.007420	±2.5	PASS
Band2	9400	VN	NT	-14.03	-0.007463	±2.5	PASS
Band2	9400	VH	NT	-12.08	-0.006426	±2.5	PASS
Band5	4183	VL	NT	-8.67	-0.010363	±2.5	PASS
Band5	4183	VN	NT	-9.33	-0.011152	±2.5	PASS
Band5	4183	VH	NT	-9.51	-0.011367	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	NV	-30	-10.91	-0.005803	±2.5	PASS
Band2	9400	NV	-20	-10.69	-0.005686	±2.5	PASS
Band2	9400	NV	-10	-14.70	-0.007819	±2.5	PASS
Band2	9400	NV	0	-10.64	-0.005660	±2.5	PASS
Band2	9400	NV	10	-10.03	-0.005335	±2.5	PASS
Band2	9400	NV	20	-8.55	-0.004548	±2.5	PASS
Band2	9400	NV	30	-11.15	-0.005931	±2.5	PASS
Band2	9400	NV	40	-11.99	-0.006378	±2.5	PASS
Band2	9400	NV	50	-12.62	-0.006713	±2.5	PASS
Band5	4183	NV	-30	-10.56	-0.012623	±2.5	PASS
Band5	4183	NV	-20	-6.43	-0.007686	±2.5	PASS
Band5	4183	NV	-10	-6.81	-0.008140	±2.5	PASS
Band5	4183	NV	0	-10.55	-0.012611	±2.5	PASS
Band5	4183	NV	10	-7.49	-0.008953	±2.5	PASS
Band5	4183	NV	20	-6.65	-0.007949	±2.5	PASS
Band5	4183	NV	30	-9.88	-0.011810	±2.5	PASS
Band5	4183	NV	40	-8.63	-0.010316	±2.5	PASS
Band5	4183	NV	50	-3.13	-0.003741	±2.5	PASS

注：将上面数据填到下面的表格，然后删掉上面的数据

Reference Frequency: WCDMA BAND II 12.2k RMC Middle Frequency=9400 channel=1880MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	-10.91	-0.005803	Within authorized band for BAND II	Pass
	-20	-10.69	-0.005686		
	-10	-14.70	-0.007819		
	0	-10.64	-0.005660		
	10	-10.03	-0.005335		
	20	-8.55	-0.004548		
	30	-11.15	-0.005931		
	40	-11.99	-0.006378		
	50	-12.62	-0.006713		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	-13.95	-0.007420	Within authorized band for BAND II	Pass
	3.85	-14.03	-0.007463		
	4.40	-12.08	-0.006426		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Reference Frequency: WCDMA BAND V 12.2k RMC Middle channel=4183 Frequency=836.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.85	-30	-10.56	-0.012623	±2.5	Pass
	-20	-6.43	-0.007686		
	-10	-6.81	-0.008140		
	0	-10.55	-0.012611		
	10	-7.49	-0.008953		
	20	-6.65	-0.007949		
	30	-9.88	-0.011810		
	40	-8.63	-0.010316		
	50	-3.13	-0.003741		
Voltage					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.50	-8.67	-0.010363	±2.5	Pass
	3.85	-9.33	-0.011152		
	4.40	-9.51	-0.011367		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Appendix G: Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
Band2	9400	PASS	PASS
Band5	4183	PASS	PASS

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

Test Graphs

