

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result(WCDMA)

Band	Type	Channel	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band4	Voice	1312	22.45	23.30	30	PASS
Band4	TestMode	1312	20.07	20.92	30	PASS
Band4	Voice	1413	22.51	23.36	30	PASS
Band4	TestMode	1413	22.50	23.35	30	PASS
Band4	Voice	1513	22.49	23.34	30	PASS
Band4	TestMode	1513	22.47	23.32	30	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band4	1312	1	20.33	21.18	30	PASS
Band4	1312	2	20.53	21.38	30	PASS
Band4	1312	3	20.51	21.36	30	PASS
Band4	1312	4	20.61	21.46	30	PASS
Band4	1413	1	20.06	20.91	30	PASS
Band4	1413	2	20.38	21.23	30	PASS
Band4	1413	3	20.43	21.28	30	PASS
Band4	1413	4	20.53	21.38	30	PASS
Band4	1513	1	19.87	20.72	30	PASS
Band4	1513	2	20.17	21.02	30	PASS
Band4	1513	3	20.23	21.08	30	PASS
Band4	1513	4	20.32	21.17	30	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP Limit (dBm)	Verdict
Band4	1312	1	20.70	21.55	30	PASS
Band4	1312	2	20.16	21.01	30	PASS
Band4	1312	3	19.42	20.27	30	PASS
Band4	1312	4	20.47	21.32	30	PASS
Band4	1312	5	20.16	21.01	30	PASS
Band4	1413	1	20.51	21.36	30	PASS
Band4	1413	2	20.40	21.25	30	PASS
Band4	1413	3	20.22	21.07	30	PASS

Band4	1413	4	20.07	20.92	30	PASS
Band4	1413	5	20.28	21.13	30	PASS
Band4	1513	1	20.25	21.10	30	PASS
Band4	1513	2	20.15	21.00	30	PASS
Band4	1513	3	20.64	21.49	30	PASS
Band4	1513	4	19.86	20.71	30	PASS
Band4	1513	5	20.05	20.90	30	PASS

Remark: $EIRP (dBm) = \text{Conducted power (dBm)} + \text{Antenna Gain (dBi)}$. (For Band2)

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

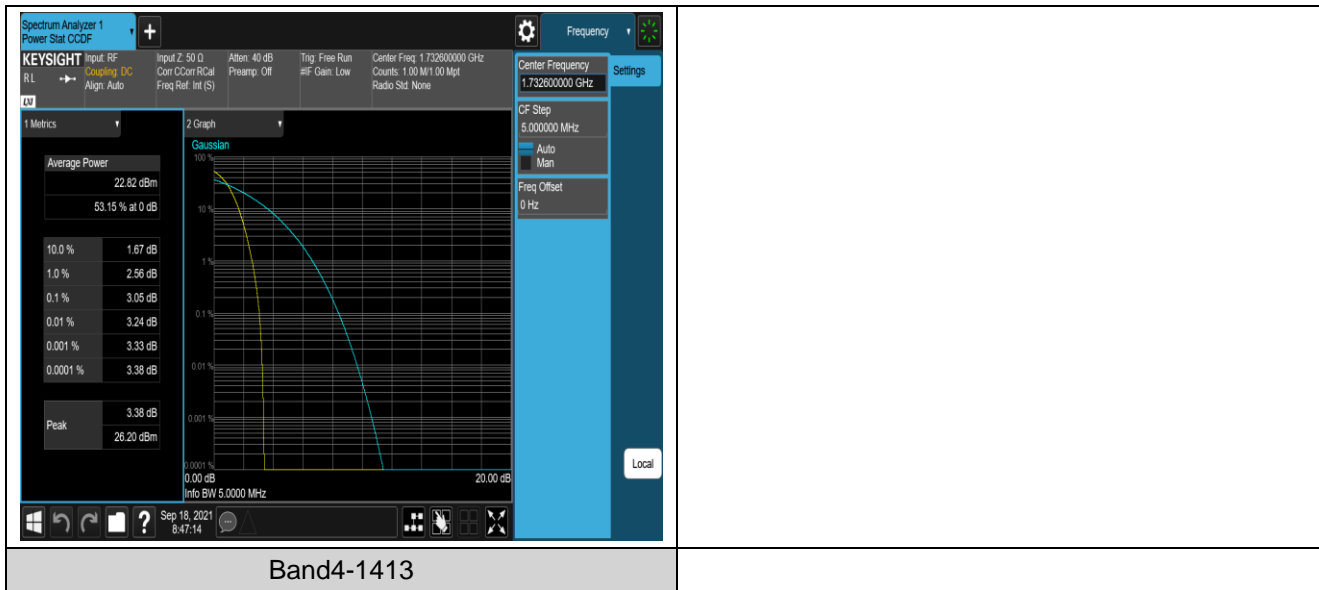
AppendixB:Peak-to-Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band4	1413	3.05	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
Band4	1312	4.1424	4.673	PASS
Band4	1413	4.1457	4.679	PASS
Band4	1513	4.1378	4.672	PASS

Test Graphs(WCDMA)



AppendixD:Band Edge

Test Result(WCDMA)

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1710.00	-25.47	-13	PASS
Band4	1513	1755.00	-25.25	-13	PASS

Test Graphs(WCDMA)

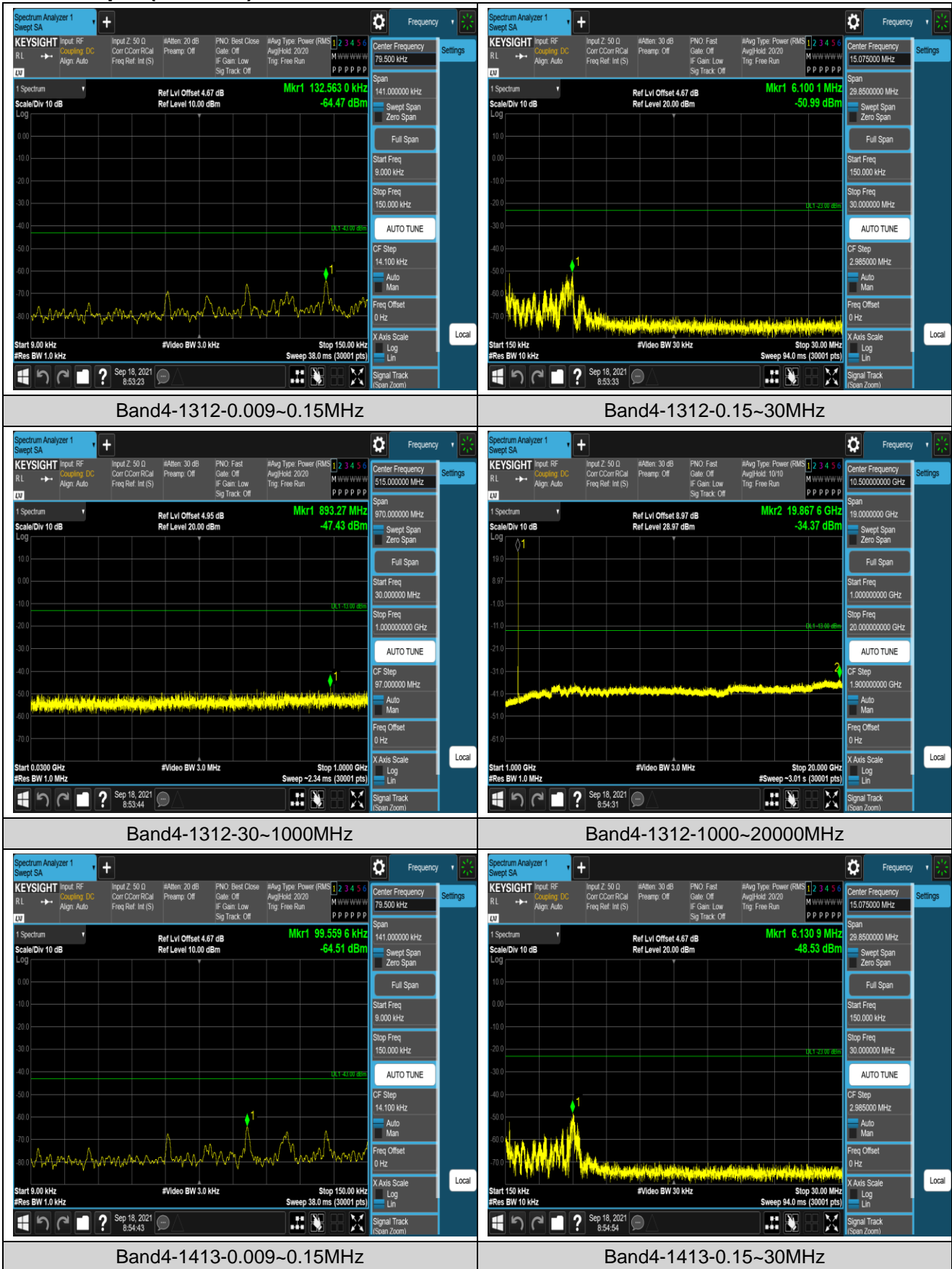


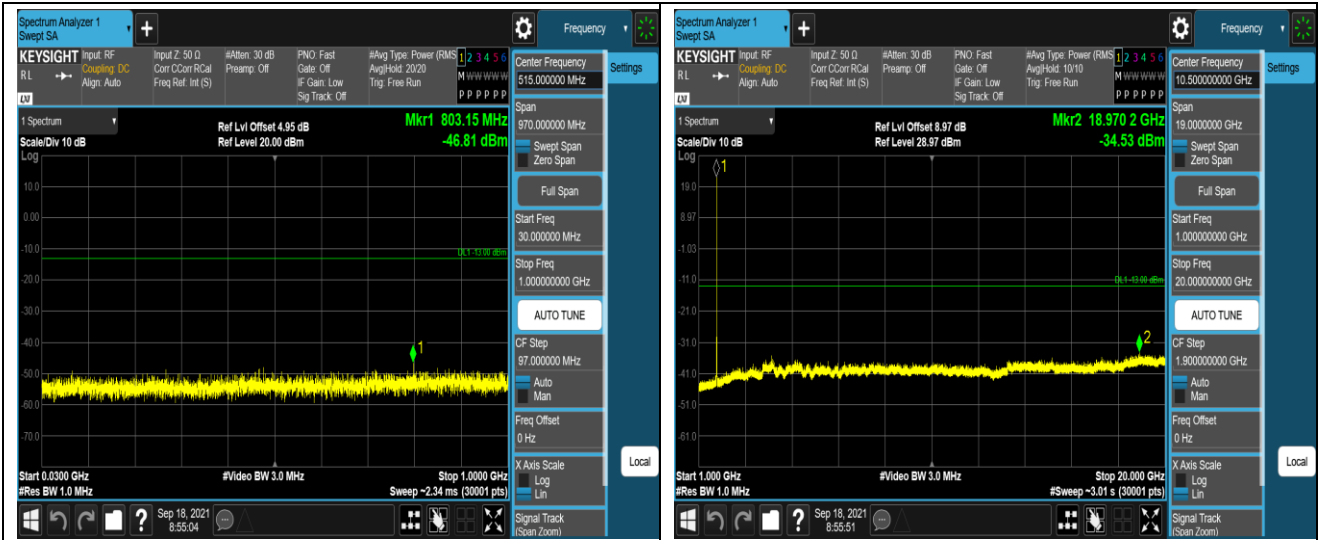
Appendix E: Conducted Spurious Emission

Test Result (WCDMA)

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.13	-64.47	-43	PASS
Band4	1312	0.15~30MHz	6.1	-50.99	-23	PASS
Band4	1312	30~1000MHz	893.27	-47.43	-13	PASS
Band4	1312	1000~20000MHz	19867.63	-34.37	-13	PASS
Band4	1413	0.009~0.15MHz	0.1	-64.51	-43	PASS
Band4	1413	0.15~30MHz	6.13	-48.53	-23	PASS
Band4	1413	30~1000MHz	803.15	-46.81	-13	PASS
Band4	1413	1000~20000MHz	18970.2	-34.53	-13	PASS
Band4	1513	0.009~0.15MHz	0.1	-64.53	-43	PASS
Band4	1513	0.15~30MHz	6.18	-48.19	-23	PASS
Band4	1513	30~1000MHz	848.26	-47.62	-13	PASS
Band4	1513	1000~20000MHz	18828.97	-33.91	-13	PASS

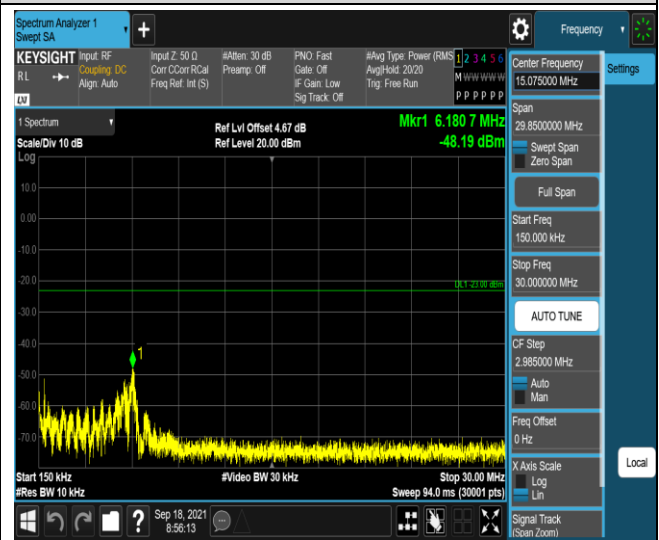
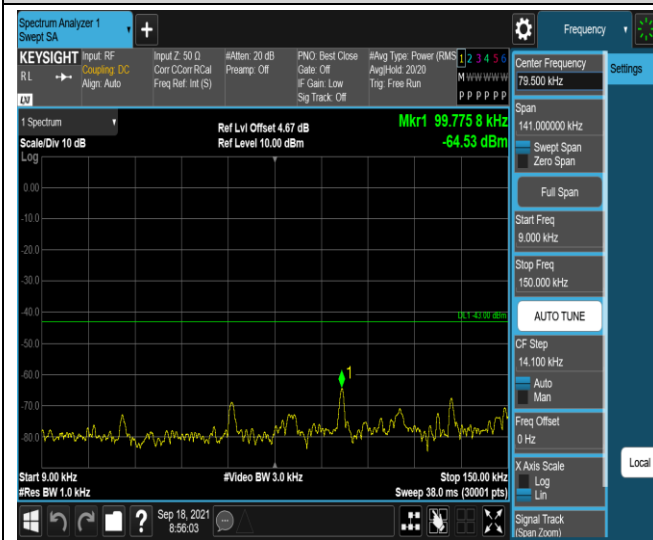
Test Graphs(WCDMA)





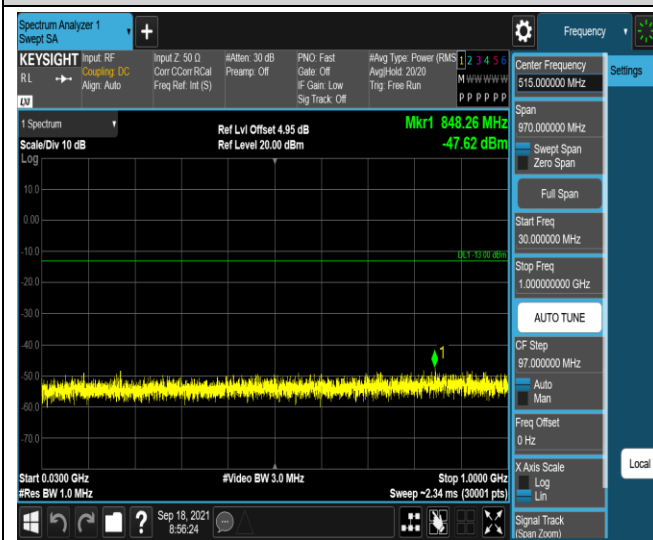
Band4-1413-30~1000MHz

Band4-1413-1000~20000MHz



Band4-1513-0.009~0.15MHz

Band4-1513-0.15~30MHz



Band4-1513-30~1000MHz

Band4-1513-1000~20000MHz

Appendix F: Frequency Stability

Test Result

Reference Frequency: WCDMA BAND IV 12.2k RMC Middle Frequency=1413 channel=1732.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	3.03	0.001749	Within authorized band for BAND IV	Pass
	-20	1.52	0.000877		
	-10	-1.80	-0.001039		
	0	-1.72	-0.000993		
	10	3.71	0.002141		
	20	-3.63	-0.002095		
	30	1.44	0.000831		
	40	-0.89	-0.000514		
	50	-0.39	-0.000225		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.30	0.46	0.000265	Within authorized band for BAND IV	Pass
	3.80	-0.59	-0.000341		
	4.40	0.03	0.000017		
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
Band4	1413	PASS	PASS

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

Test Graphs

