

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	9662	-0.05	1.15	62.15	PASS
Band2	TestMode	9800	-0.13	1.07	62.15	PASS
Band2	TestMode	9938	0.05	1.25	62.15	PASS
Band5	TestMode	4357	0.22	1.21	56.99	PASS
Band5	TestMode	4408	0.26	1.25	56.99	PASS
Band5	TestMode	4458	0.18	1.17	56.99	PASS

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

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

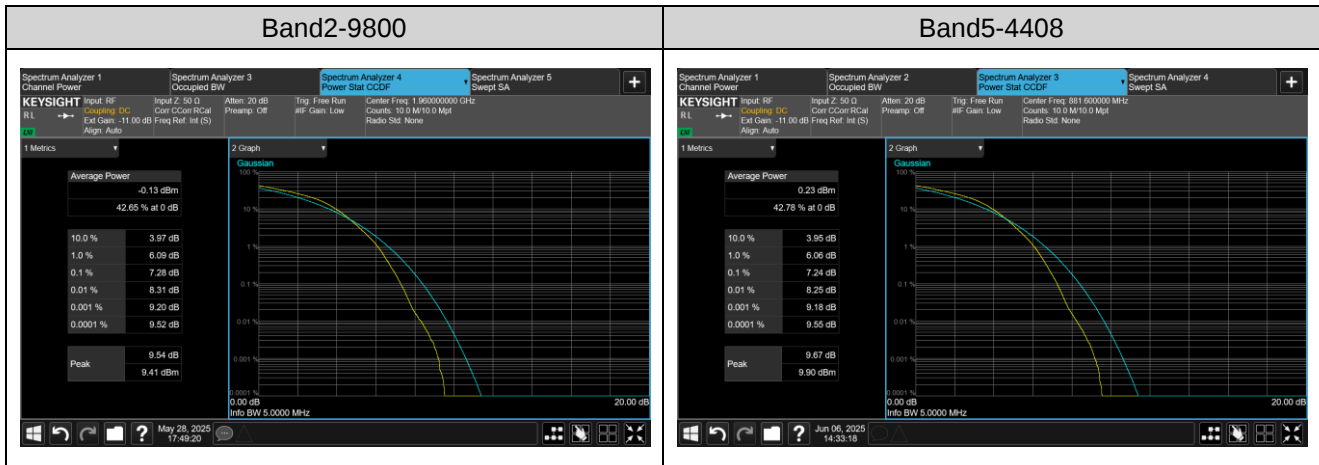
AppendixB:Peak-to-Average Ratio

Test Result(WCDMA)

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9800	7.28	13	PASS
Band5	4408	7.24	13	PASS

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

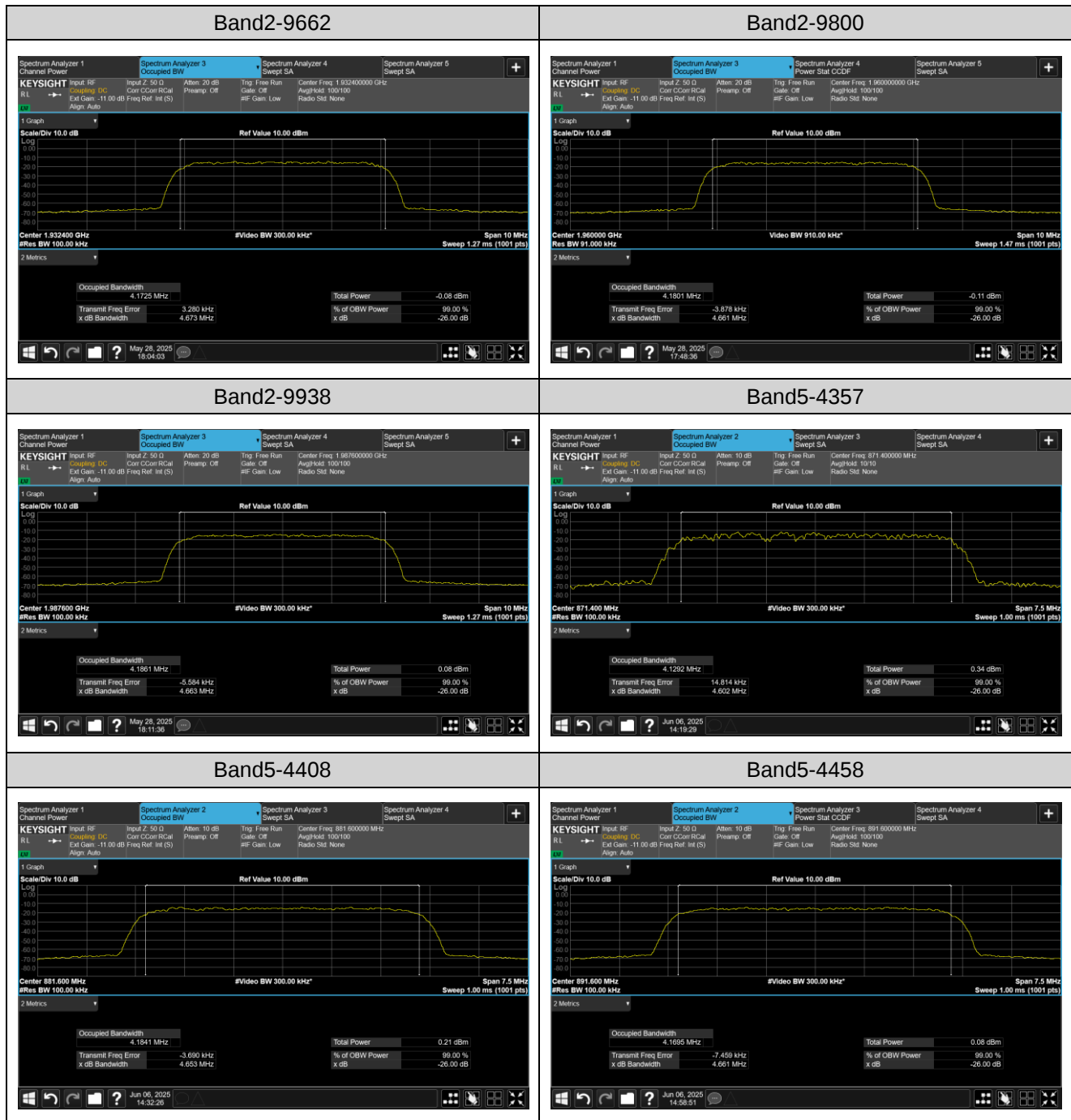
Test Graphs(WCDMA)



AppendixC:26dB Bandwidth andOccupied Bandwidth**Test Result(WCDMA)**

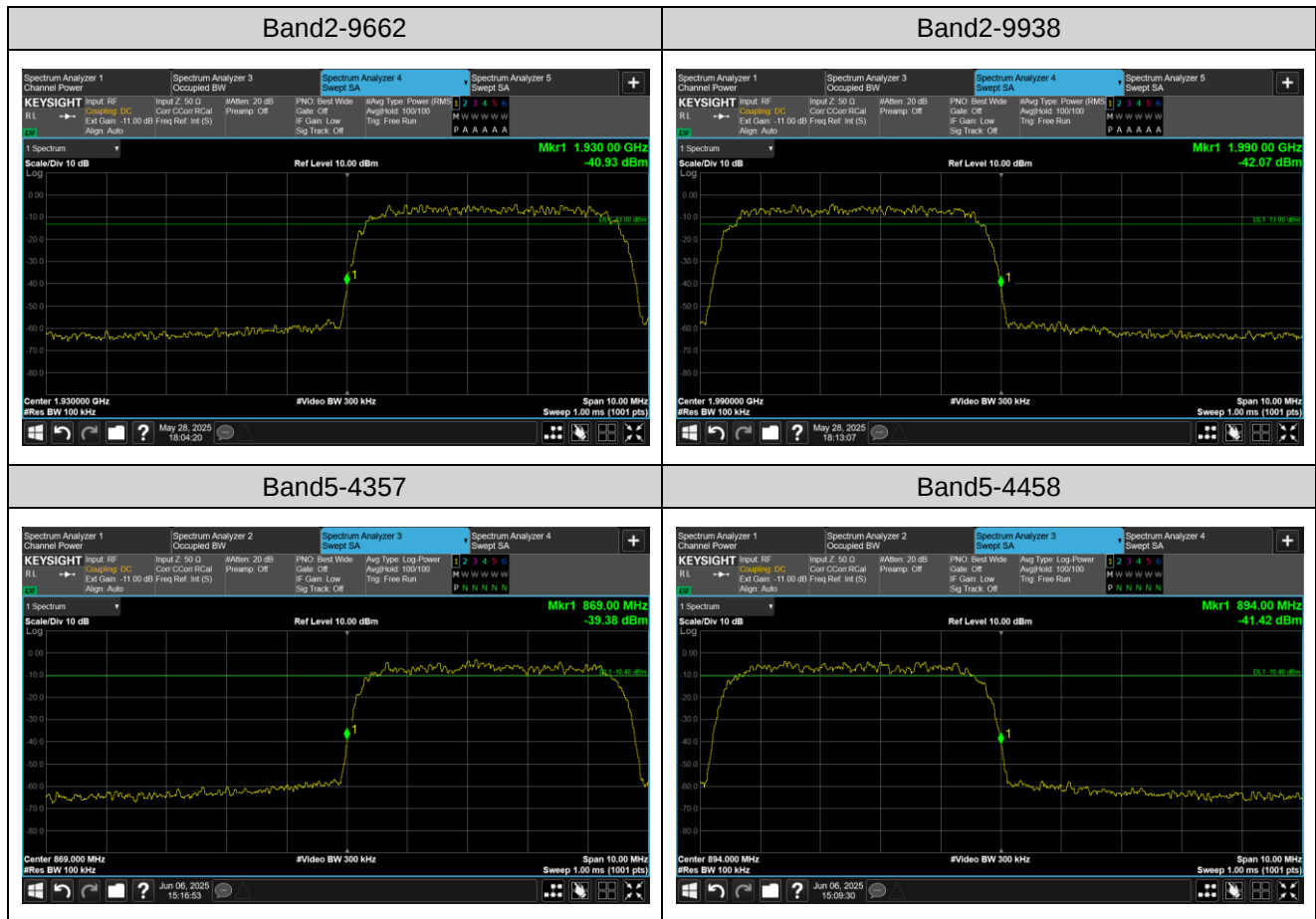
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9662	4.1725	4.673	---	PASS
Band2	9800	4.1801	4.661	---	PASS
Band2	9938	4.1861	4.663	---	PASS
Band5	4357	4.1292	4.602	---	PASS
Band5	4408	4.1841	4.653	---	PASS
Band5	4458	4.1695	4.661	---	PASS

Test Graphs(WCDMA)



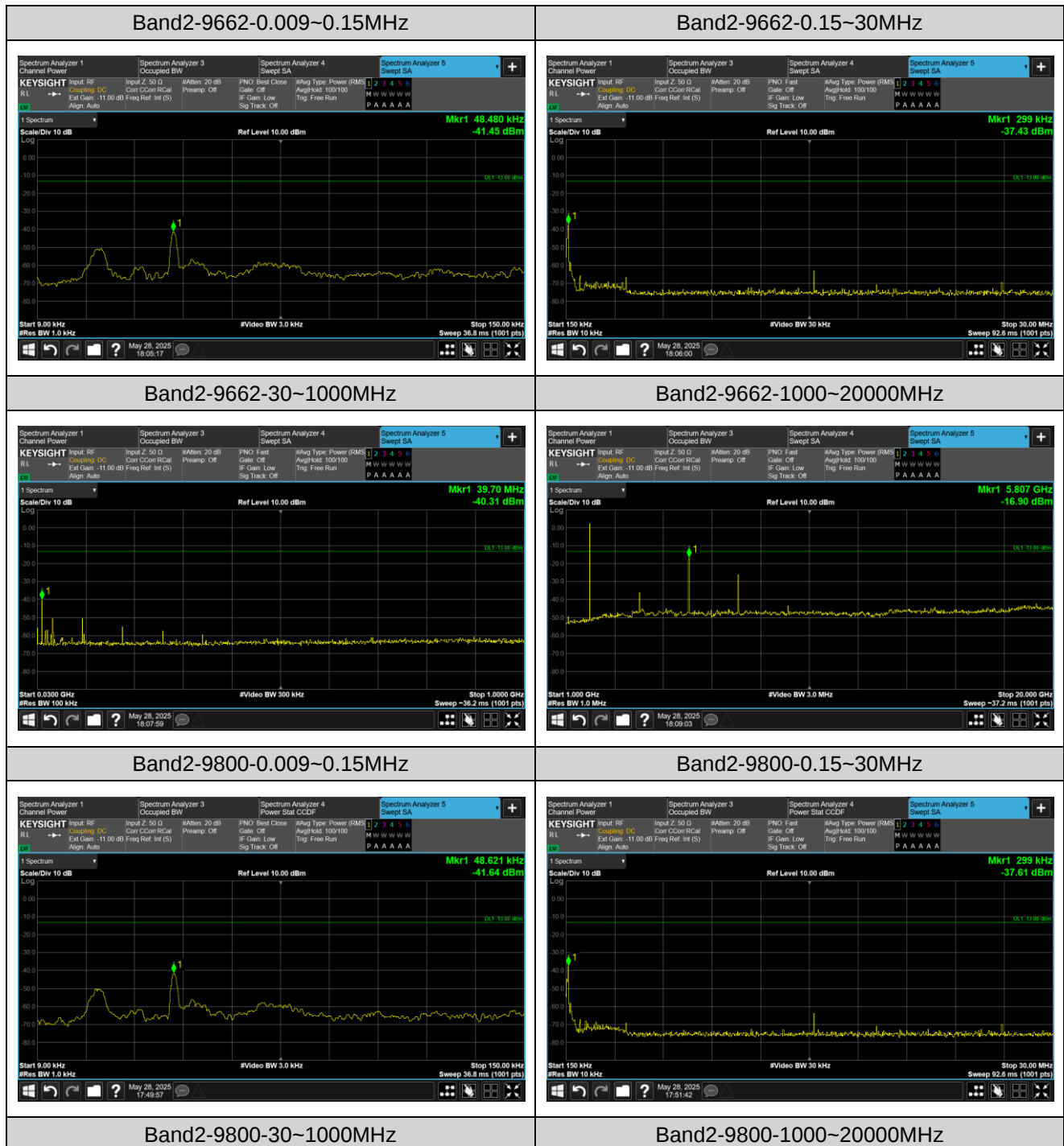
AppendixD:Band Edge

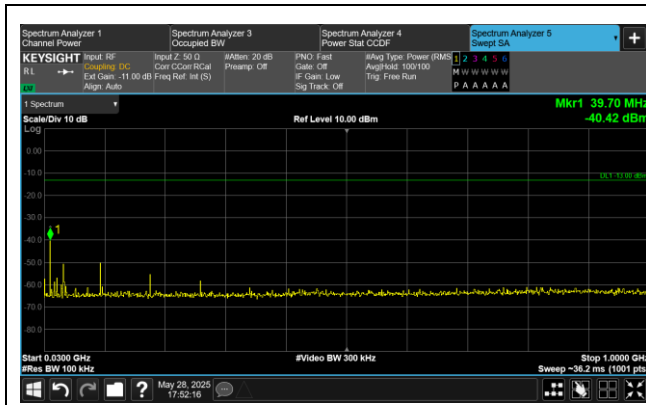
Test Graphs(WCDMA)



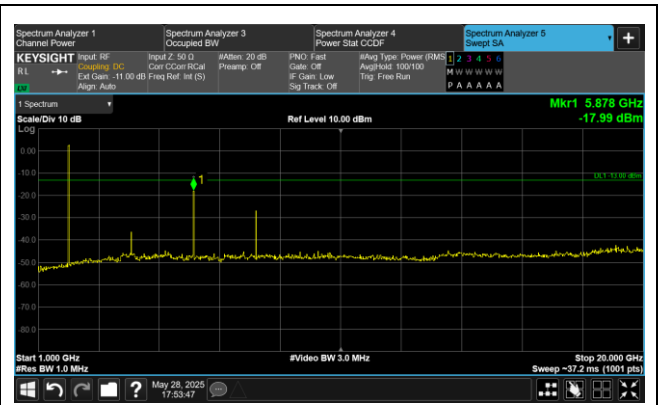
AppendixE:Conducted SpuriousEmission

Test Graphs(WCDMA)

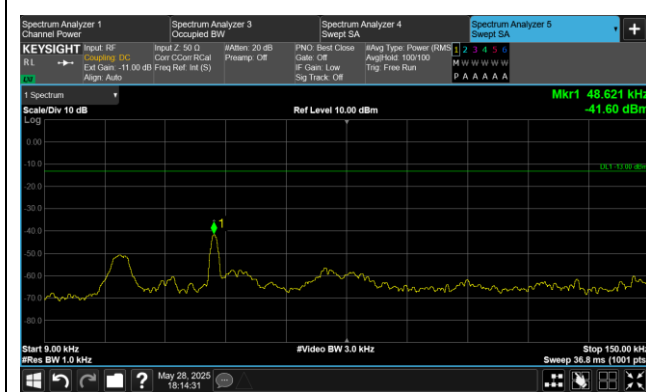




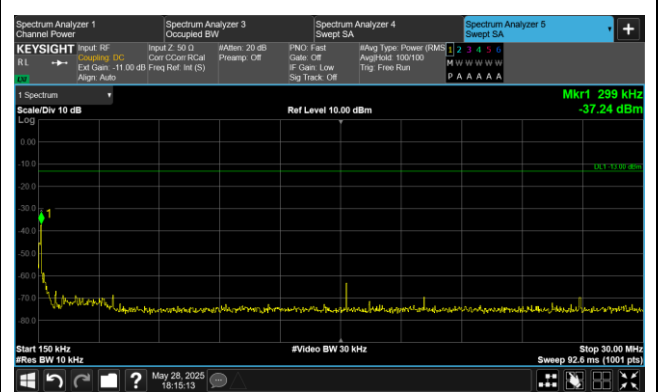
Band2-9938-0.009~0.15MHz



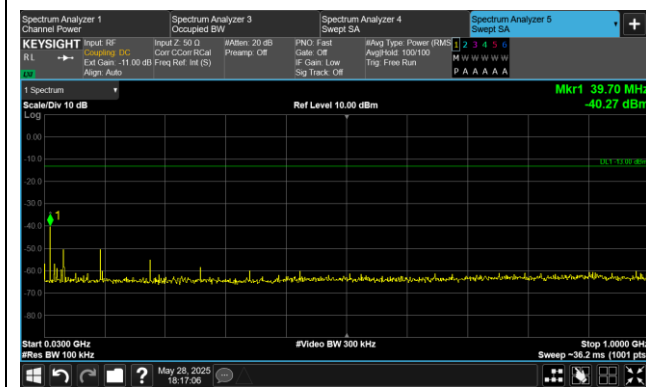
Band2-9938-0.15~30MHz



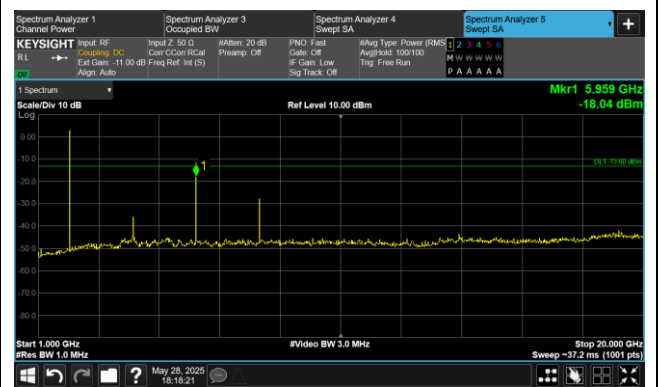
Band2-9938-30~1000MHz



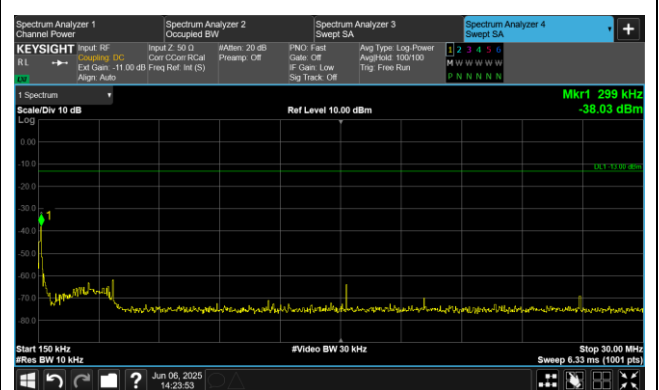
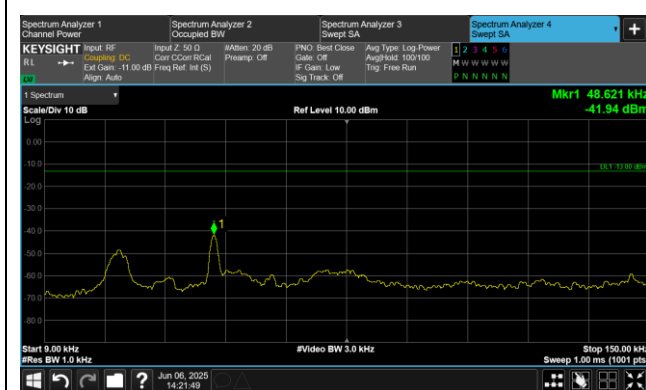
Band2-9938-1000~20000MHz



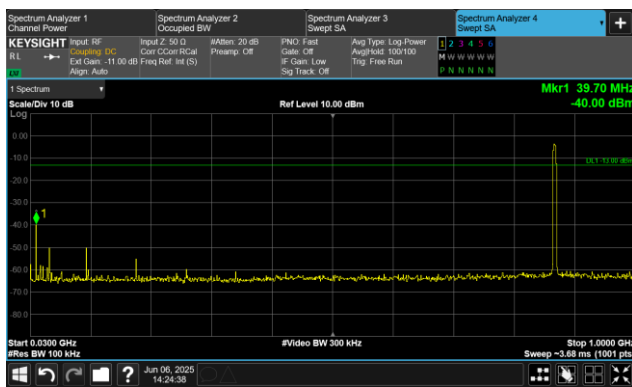
Band5-4357-0.009~0.15MHz



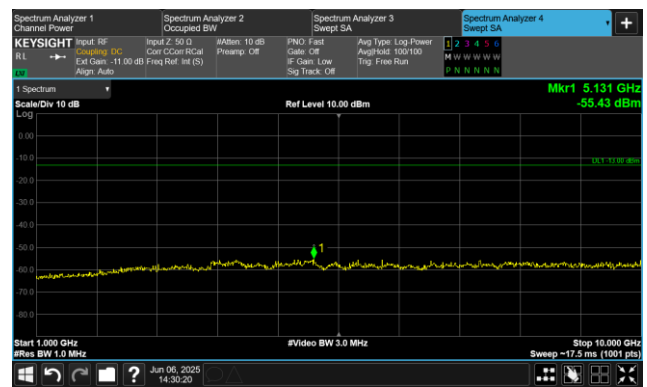
Band5-4357-0.15~30MHz



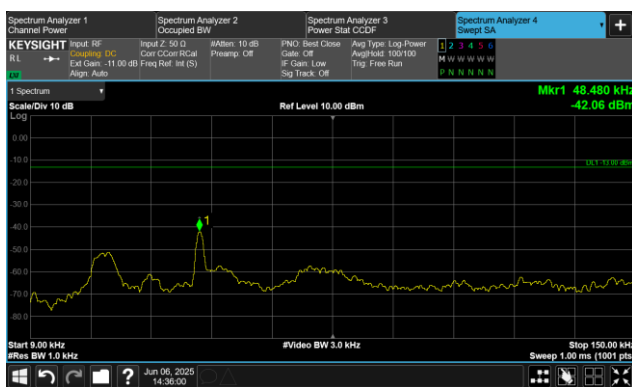
Band5-4357-30~1000MHz



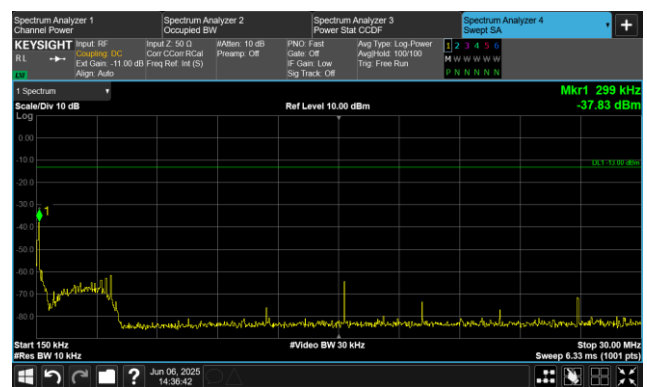
Band5-4357-1000~10000MHz



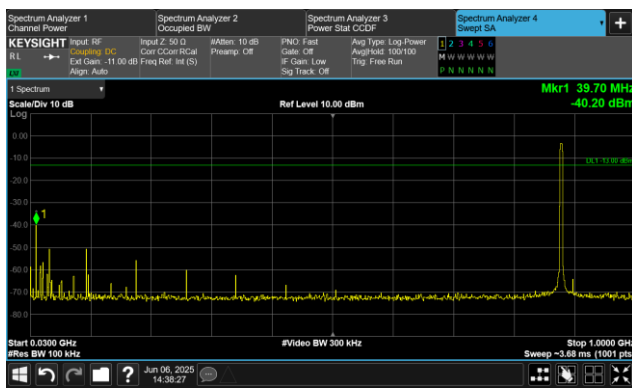
Band5-4408-0.009~0.15MHz



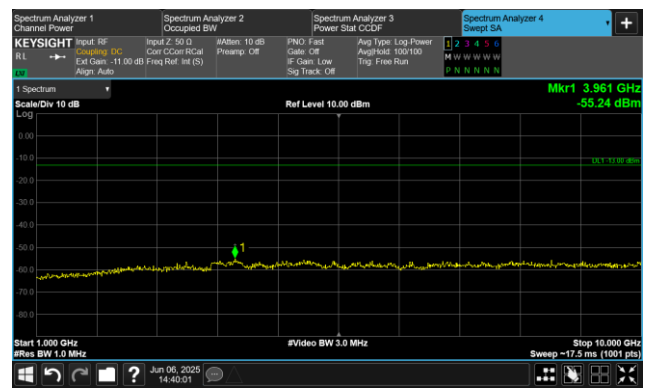
Band5-4408-0.15~30MHz



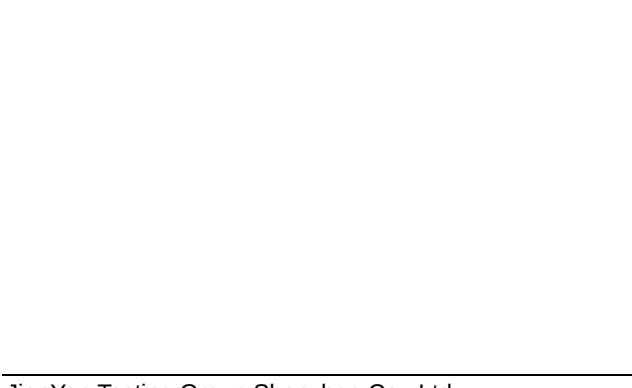
Band5-4408-30~1000MHz



Band5-4408-1000~10000MHz

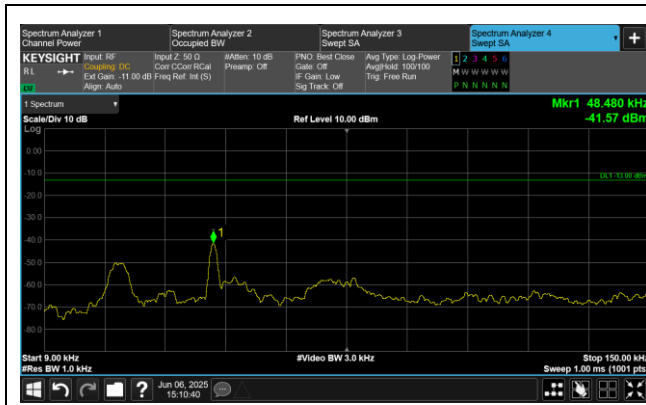


Band5-4458-0.009~0.15MHz

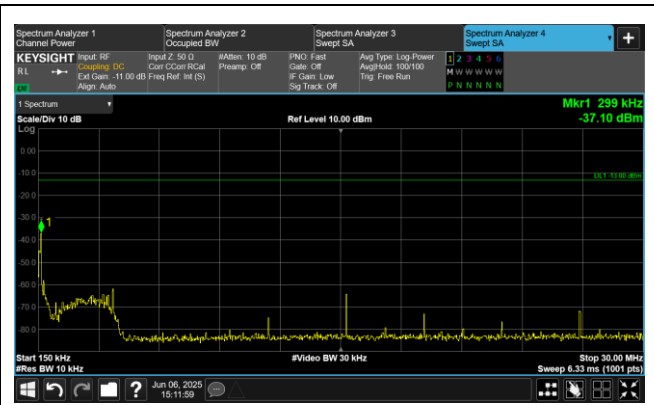


Band5-4458-0.15~30MHz

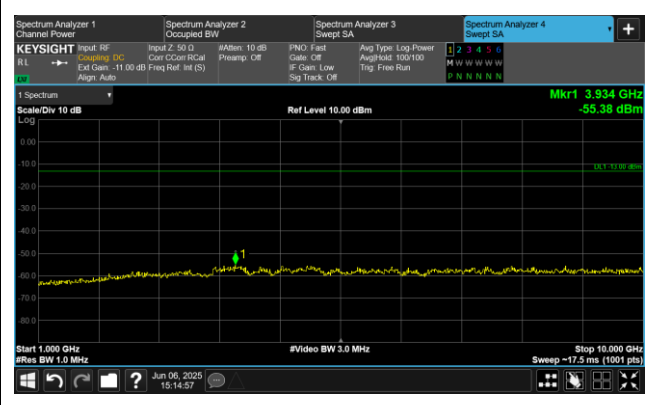
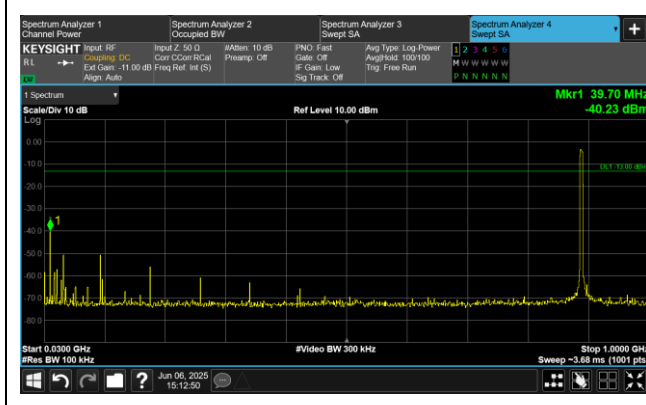




Band5-4458-30~1000MHz



Band5-4458-1000~10000MHz



AppendixF:Frequency Stability

Test Result

Reference Frequency: WCDMA BAND V 12.2k RMC Middle channel=4408 Frequency=881.6MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
120.0	-30	18.09	0.020520	±2.5	Pass
	-20	17.31	0.019635		
	-10	20.09	0.022788		
	0	17.14	0.019442		
	10	19.1	0.021665		
	20	16.93	0.019204		
	30	17.37	0.019703		
	40	19.92	0.022595		
	50	16.86	0.019124		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	90.0	17.67	0.020043	±2.5	Pass
	120.0	18.46	0.020939		
	230.0	15.87	0.018001		
Remark: All channel had been tested, but only the worst case data displayed in this report.					

Reference Frequency: WCDMA BAND II 12.2k RMC Middle Frequency=9800 channel=1960MHz					
Temperature					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
120.0	-30	16.96	0.008653	Within authorized band for BAND II	Pass
	-20	17.43	0.008893		
	-10	18.56	0.009469		
	0	17.32	0.008837		
	10	16.77	0.008556		
	20	19.94	0.010173		
	30	16.55	0.008444		
	40	16.9	0.008622		
	50	20.52	0.010469		
Voltage					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	90.0	20.29	0.010352	Within authorized band for BAND II	Pass
	120.0	20.04	0.010224		
	230.0	17.37	0.008862		
Remark: All channel had been tested, but only the worst case data displayed in this report.					