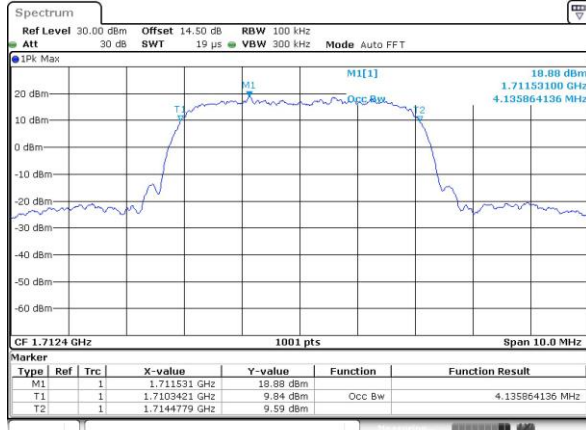




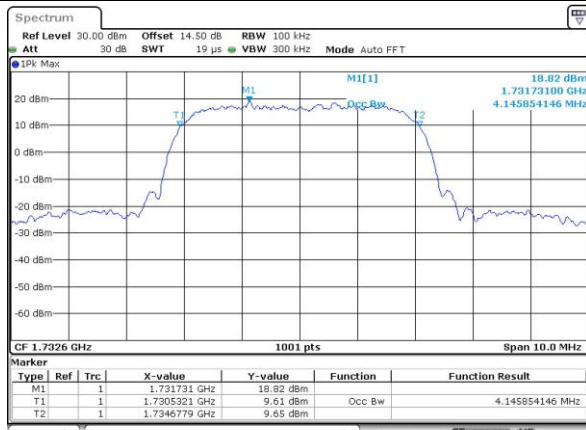
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



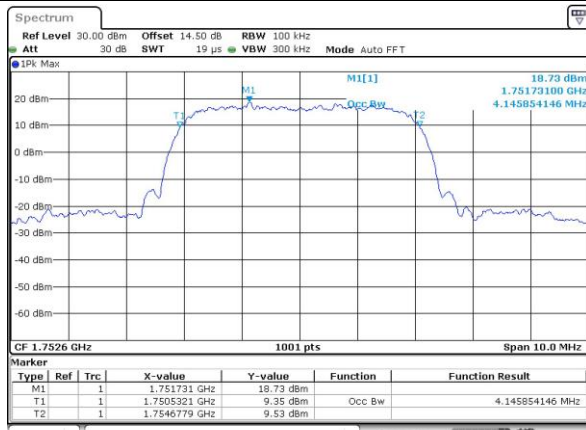
Date: 7_MAR_2024 14:06:23

Middle Channel



Date: 7_MAR_2024 14:09:21

Highest Channel



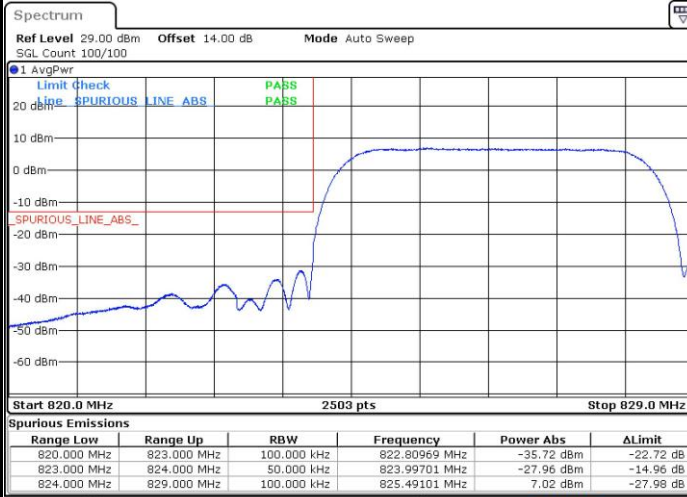
Date: 7_MAR_2024 14:12:04



Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Date: 7.MAR.2024 14:34:57

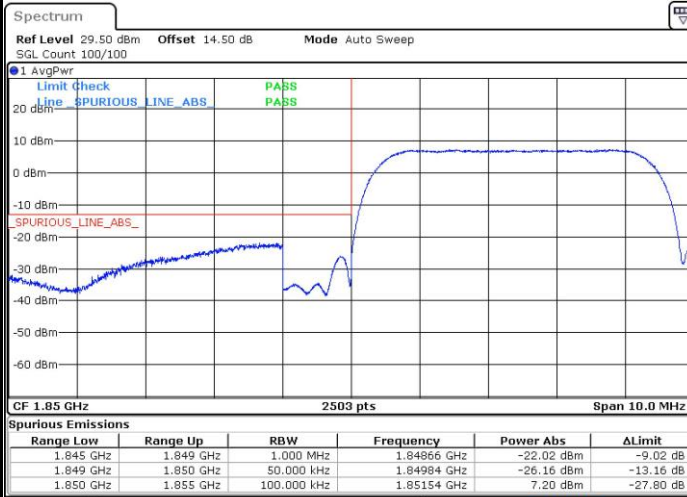
Highest Band Edge



Date: 7.MAR.2024 14:44:22

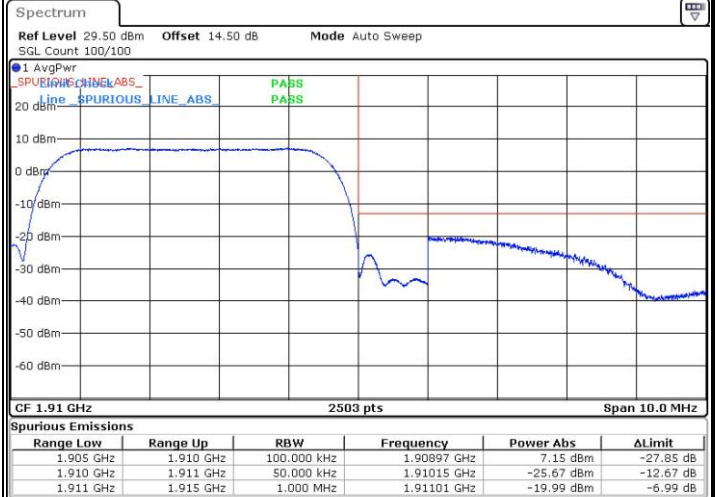
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Date: 7.MAR.2024 13:33:29

Highest Band Edge



Date: 7.MAR.2024 14:00:59



WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge

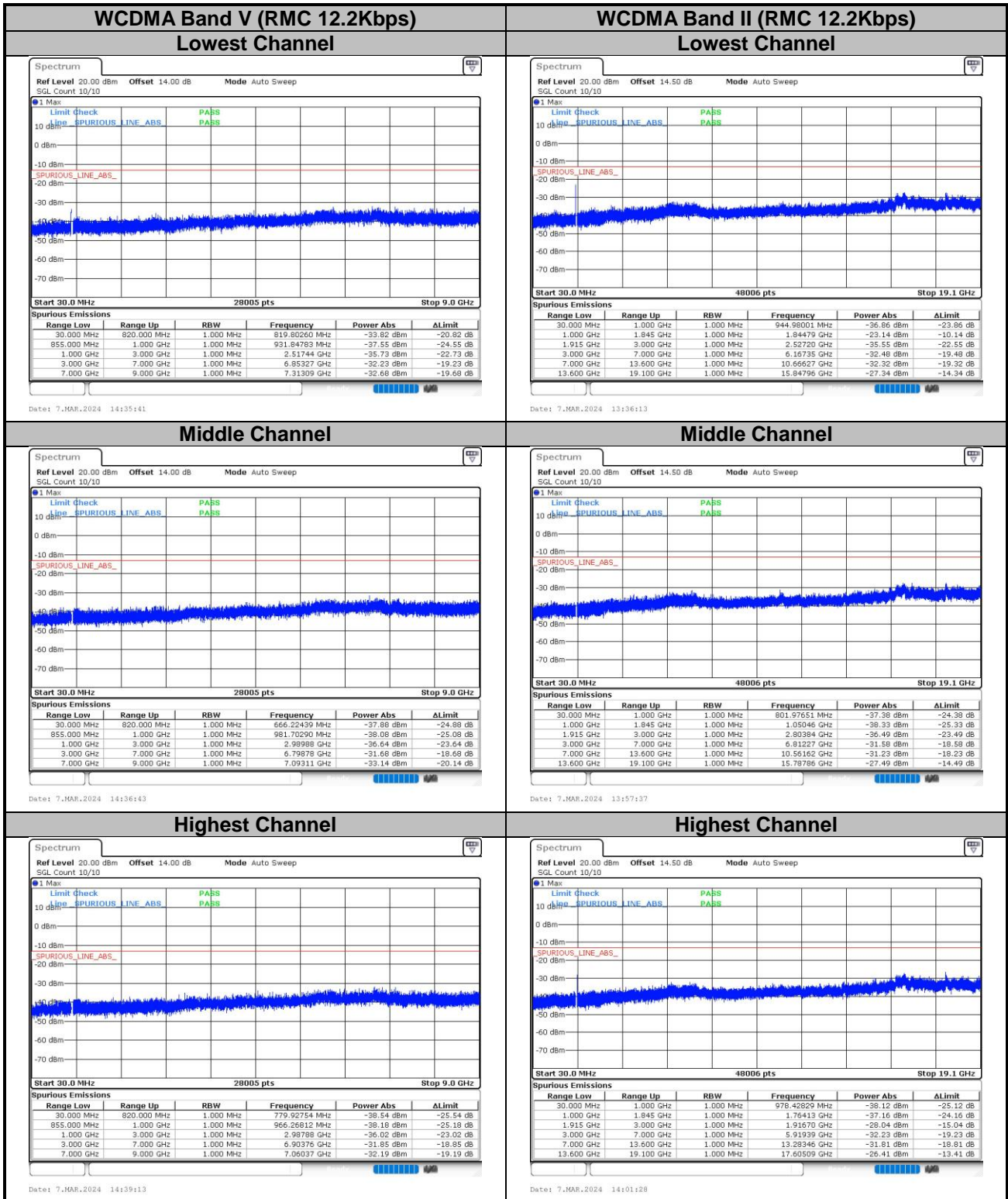


Date: 7.MAR.2024 14:08:01

Date: 7.MAR.2024 14:12:56



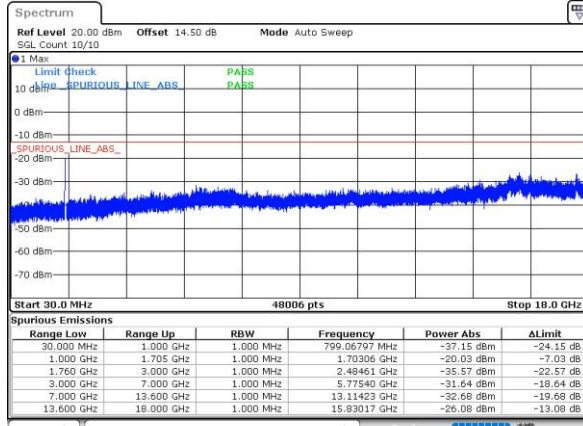
Conducted Spurious Emission



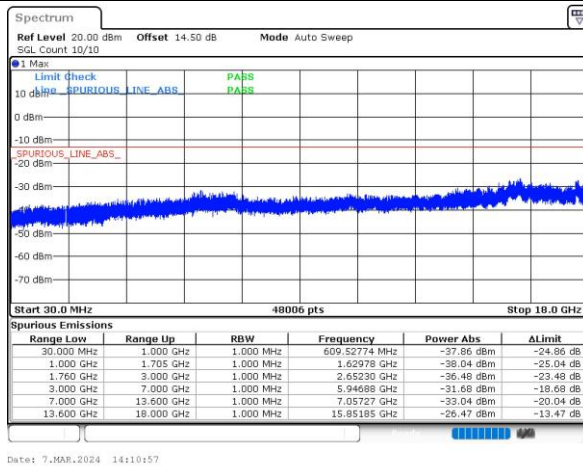


WCDMA Band IV (RMC 12.2Kbps)

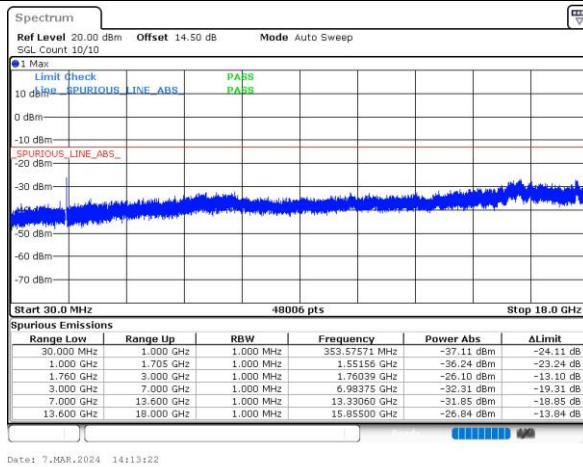
Lowest Channel



Middle Channel



Highest Channel





Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2KbpsRMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0079	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0052	PASS
40	Normal Voltage	0.0062	
30	Normal Voltage	0.0057	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0056	
20	Normal Voltage	0.0062	
20	Battery End Point	0.0061	

Note:

1. Normal Voltage = 3.89V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.48 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.89V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.48 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

GSM850 (GSM) / ANT1								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-49.88	-13	-36.88	-56.85	1.58	10.70	H
	2512	-32.96	-13	-19.96	-41.21	2.102	12.50	H
	3344	-59.48	-13	-46.48	-68.37	2.856	13.90	H
	1672	-55.86	-13	-42.86	-62.83	1.58	10.70	V
	2512	-46.92	-13	-33.92	-55.17	2.10	12.50	V
	3344	-59.92	-13	-46.92	-68.81	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM850 (EDGE 1 Tx slots) /ANT 1								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-63.21	-13	-50.21	-70.18	1.58	10.70	H
	2512	-52.23	-13	-39.23	-60.48	2.102	12.50	H
	3344	-61.67	-13	-48.67	-70.56	2.856	13.90	H
	1672	-62.76	-13	-49.76	-69.73	1.58	10.70	V
	2512	-47.20	-13	-34.20	-55.45	2.10	12.50	V
	3344	-61.52	-13	-48.52	-70.41	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



WCDMA Band V(RMC 12.2Kbps) / ANT 1								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-64.98	-13	-51.98	-71.95	1.58	10.70	H
	2512	-61.04	-13	-48.04	-69.29	2.102	12.50	H
	3344	-61.37	-13	-48.37	-70.26	2.856	13.90	H
	1672	-64.23	-13	-51.23	-71.20	1.58	10.70	V
	2512	-60.41	-13	-47.41	-68.66	2.10	12.50	V
	3344	-61.62	-13	-48.62	-70.51	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM1900 (GSM) / ANT2								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3765	-44.90	-13	-31.90	-57.16	2.64	14.90	H
	5640	-42.61	-13	-29.61	-54.47	2.94	14.80	H
	7515	-49.69	-13	-36.69	-59.46	3.39	13.16	H
	3765	-47.29	-13	-34.29	-59.55	2.64	14.90	V
	5640	-38.85	-13	-25.85	-50.71	2.94	14.80	V
	7515	-49.96	-13	-36.96	-59.73	3.39	13.16	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM1900 (EDGE 1 Tx slots) /ANT 2								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3765	-52.44	-13	-39.44	-64.70	2.64	14.90	H
	5640	-48.87	-13	-35.87	-60.73	2.94	14.80	H
	7515	-53.30	-13	-40.30	-63.07	3.39	13.16	H
	3765	-50.21	-13	-37.21	-62.47	2.64	14.90	V
	5640	-54.73	-13	-41.73	-66.59	2.94	14.80	V
	7515	-53.09	-13	-40.09	-62.86	3.39	13.16	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



WCDMA Band II(RMC 12.2Kbps) / ANT 2								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3765	-55.59	-13	-42.59	-67.85	2.64	14.90	H
	5640	-54.17	-13	-41.17	-66.03	2.94	14.80	H
	7515	-53.03	-13	-40.03	-62.80	3.39	13.16	H
	3765	-55.45	-13	-42.45	-67.71	2.64	14.90	V
	5640	-54.24	-13	-41.24	-66.10	2.94	14.80	V
	7515	-53.06	-13	-40.06	-62.83	3.39	13.16	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

WCDMA Band IV(RMC 12.2Kbps) / ANT 2								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-57.94	-13	-44.94	-68.68	2.604	13.34	H
	5205	-52.68	-13	-39.68	-63.19	3.011	13.52	H
	6930	-54.16	-13	-41.16	-64.36	3.271	13.47	H
	3465	-57.74	-13	-44.74	-68.48	2.604	13.34	V
	5205	-53.23	-13	-40.23	-63.74	3.011	13.52	V
	6930	-54.27	-13	-41.27	-64.47	3.271	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.