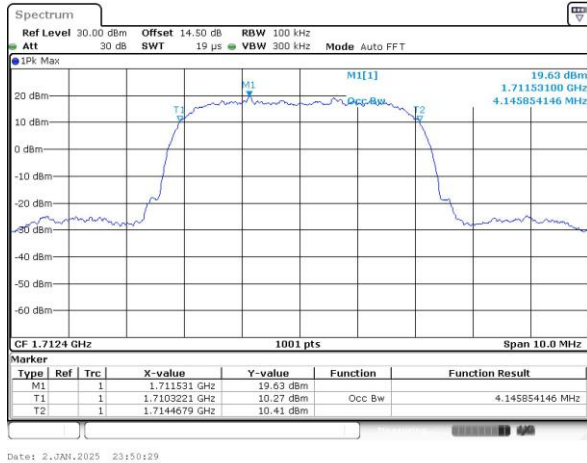


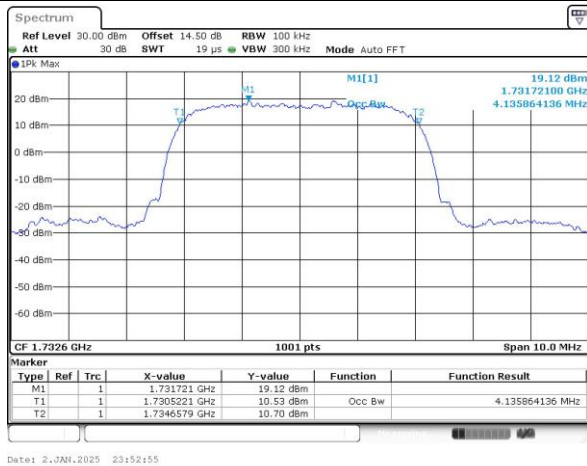


WCDMA Band IV (RMC 12.2Kbps)

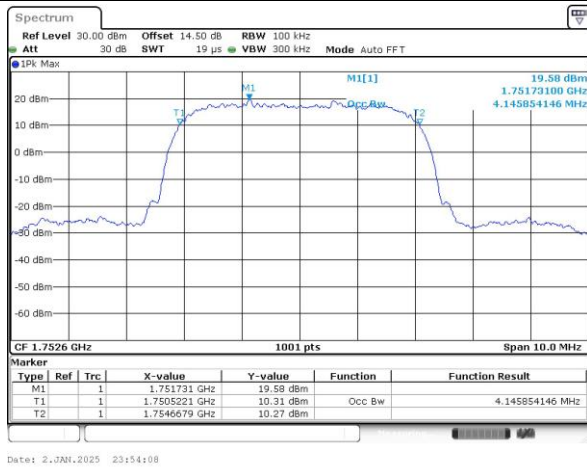
Lowest Channel



Middle Channel

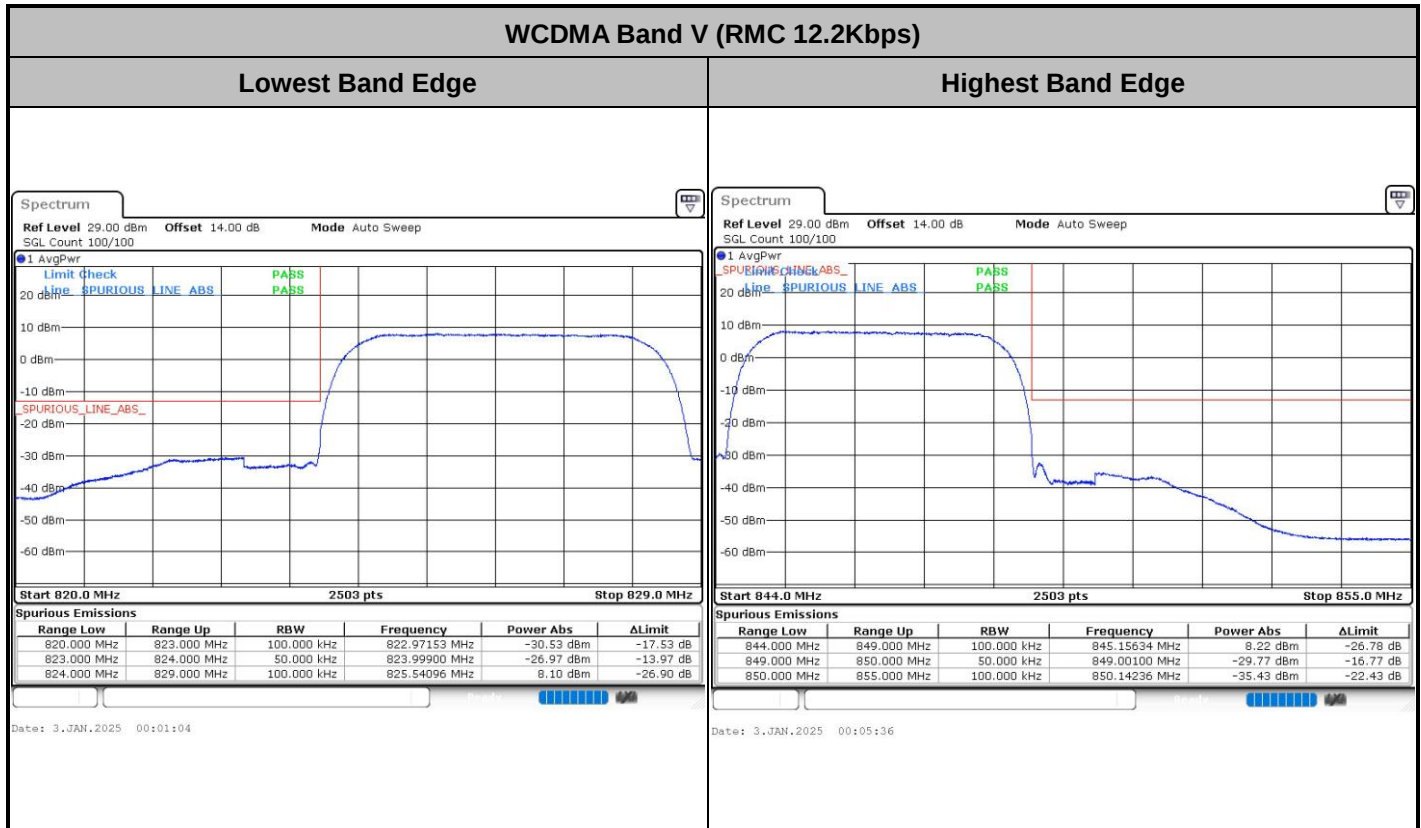


Highest Channel





Conducted Band Edge





WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Date: 2.JAN.2025 23:43:50

Highest Band Edge



Date: 2.JAN.2025 23:49:35



WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 2.JAN.2025 23:51:14



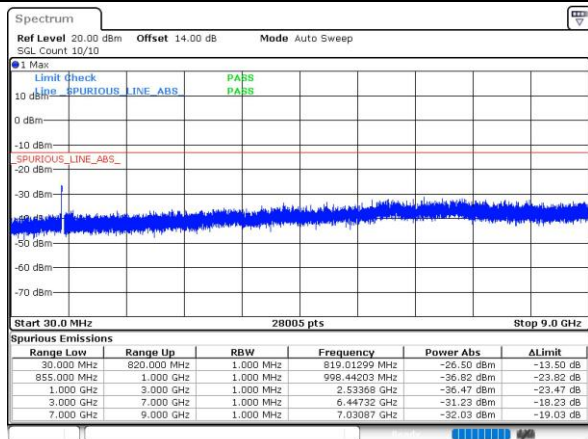
Date: 2.JAN.2025 23:55:41



Conducted Spurious Emission

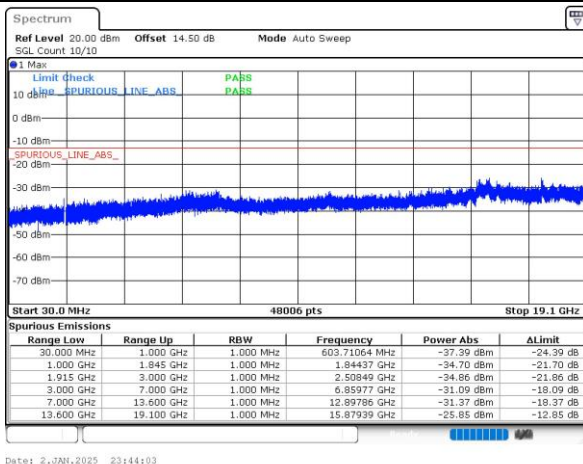
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

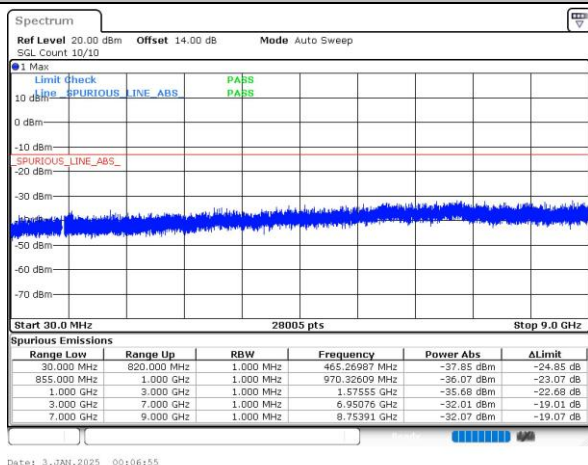


WCDMA Band II (RMC 12.2Kbps)

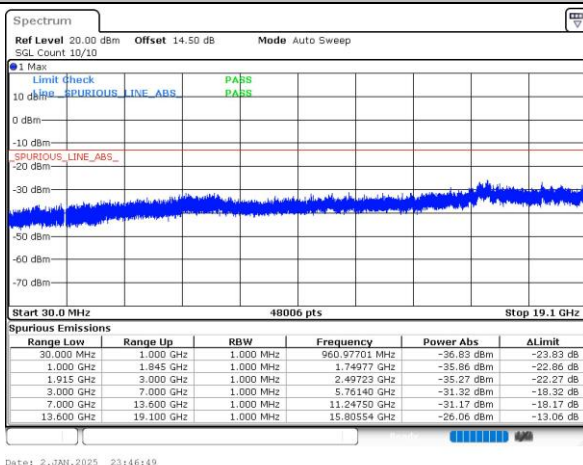
Lowest Channel



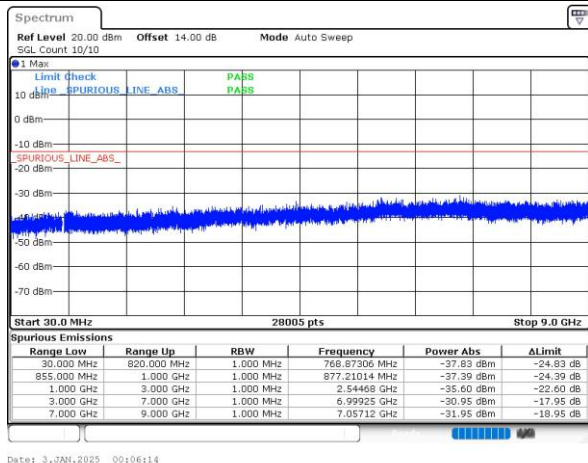
Middle Channel



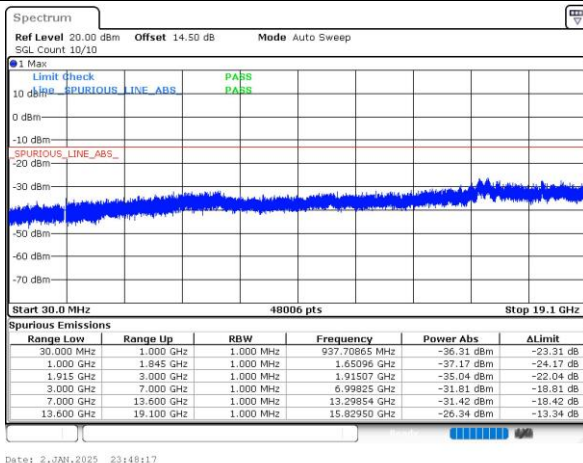
Middle Channel



Highest Channel



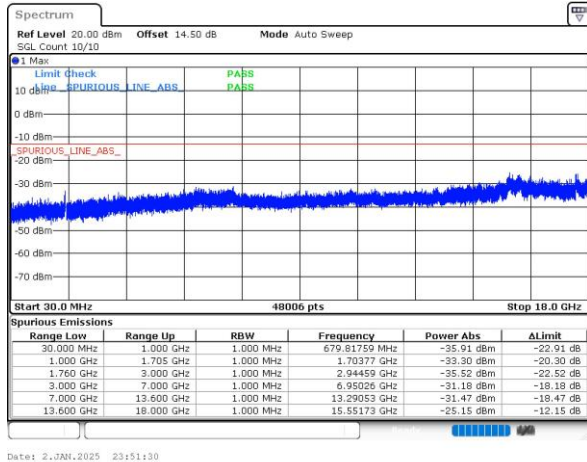
Highest Channel



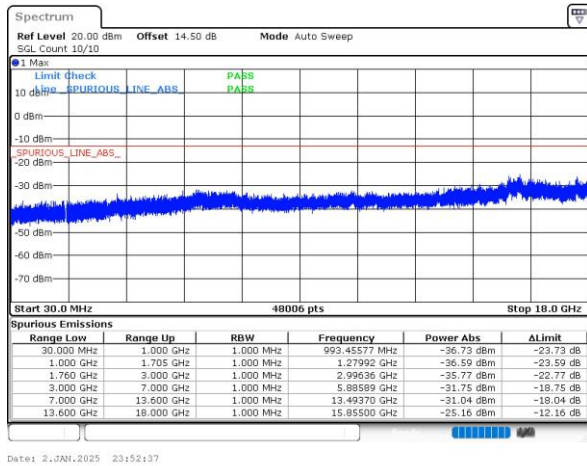


WCDMA Band IV (RMC 12.2Kbps)

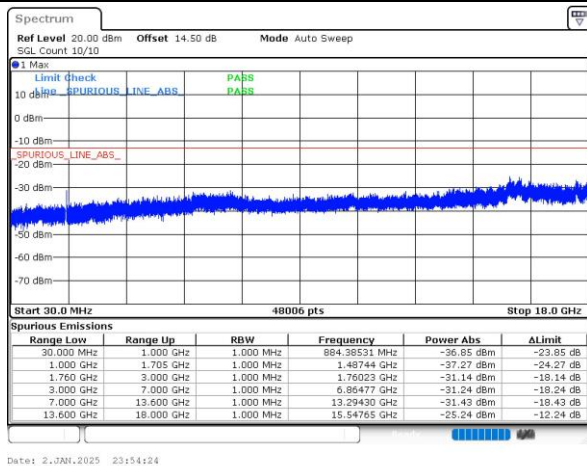
Lowest Channel



Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.91V ; Minimum Voltage = 3.6 V ; Maximum Voltage =4.5 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 :	Kuang Jia	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

GSM850 (GSM)_ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-61.87	-13	-48.87	-73.55	-65.12	4.00	9.40	H
	2509.2	-57.17	-13	-44.17	-76.17	-60.74	4.88	10.60	H
	3345.6	-56.30	-13	-43.30	-77.27	-61.23	5.52	12.60	H
	1672.8	-55.96	-13	-42.96	-68.35	-59.21	4.00	9.40	V
	2509.2	-57.38	-13	-44.38	-76.59	-60.95	4.88	10.60	V
	3345.6	-56.24	-13	-43.24	-77.51	-61.17	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots)_ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-62.92	-13	-49.92	-74.60	-66.17	4.00	9.40	H
	2509.2	-58.36	-13	-45.36	-77.36	-61.93	4.88	10.60	H
	3345.6	-58.01	-13	-45.01	-78.98	-62.94	5.52	12.60	H
	1672.8	-57.59	-13	-44.59	-69.98	-60.84	4.00	9.40	V
	2509.2	-57.07	-13	-44.07	-76.28	-60.64	4.88	10.60	V
	3345.6	-57.48	-13	-44.48	-78.75	-62.41	5.52	12.60	V

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

GSM1900 (GSM)_ANT2									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-57.79	-13	-44.79	-80.08	-64.54	5.85	12.60	H
	5640	-57.64	-13	-44.64	-81.60	-63.44	7.30	13.10	H
	7520	-55.64	-13	-42.64	-82.13	-58.79	8.35	11.50	H
	3760	-55.57	-13	-42.57	-81.02	-62.32	5.85	12.60	V
	5640	-57.27	-13	-44.27	-81.38	-63.07	7.30	13.10	V
	7520	-55.59	-13	-42.59	-82.06	-58.74	8.35	11.50	V

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



GSM1900 (EDGE 1 Tx slots) _ANT2									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-57.87	-13	-44.87	-80.16	-64.62	5.85	12.60	H
	5640	-57.59	-13	-44.59	-81.55	-63.39	7.30	13.10	H
	7520	-54.95	-13	-41.95	-81.44	-58.10	8.35	11.50	H
	3760	-55.62	-13	-42.62	-81.07	-62.37	5.85	12.60	V
	5640	-57.38	-13	-44.38	-81.49	-63.18	7.30	13.10	V
	7520	-55.40	-13	-42.40	-81.87	-58.55	8.35	11.50	V

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

WCDMA Band V(RMC 12.2Kbps) _ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-67.14	-13	-54.14	-78.82	-70.39	4.00	9.40	H
	2509.2	-61.19	-13	-48.19	-80.19	-64.76	4.88	10.60	H
	3345.6	-60.76	-13	-47.76	-81.73	-65.69	5.52	12.60	H
	1672.8	-65.88	-13	-52.88	-78.27	-69.13	4.00	9.40	V
	2509.2	-61.21	-13	-48.21	-80.42	-64.78	4.88	10.60	V
	3345.6	-60.17	-13	-47.17	-81.44	-65.10	5.52	12.60	V

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

WCDMA Band II(RMC 12.2Kbps) _ANT2									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760	-57.86	-13	-44.86	-80.15	-64.61	5.85	12.60	H
	5640	-57.59	-13	-44.59	-81.55	-63.39	7.30	13.10	H
	7520	-54.91	-13	-41.91	-81.40	-58.06	8.35	11.50	H
	3760	-55.47	-13	-42.47	-80.92	-62.22	5.85	12.60	V
	5640	-57.42	-13	-44.42	-81.53	-63.22	7.30	13.10	V
	7520	-55.49	-13	-42.49	-81.96	-58.64	8.35	11.50	V

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



WCDMA Band IV(RMC 12.2Kbps) _ANT2									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465.2	-59.82	-13	-46.82	-81.67	-66.67	5.65	12.50	H
	5197.8	-57.70	-13	-44.70	-81.76	-63.37	7.13	12.80	H
	6930.4	-56.68	-13	-43.68	-82.30	-60.08	8.40	11.80	H
	3465.2	-59.51	-13	-46.51	-81.16	-66.36	5.65	12.50	V
	5197.8	-57.55	-13	-44.55	-81.88	-63.22	7.13	12.80	V
	6930.4	-55.61	-13	-42.61	-82.15	-59.01	8.40	11.80	V

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