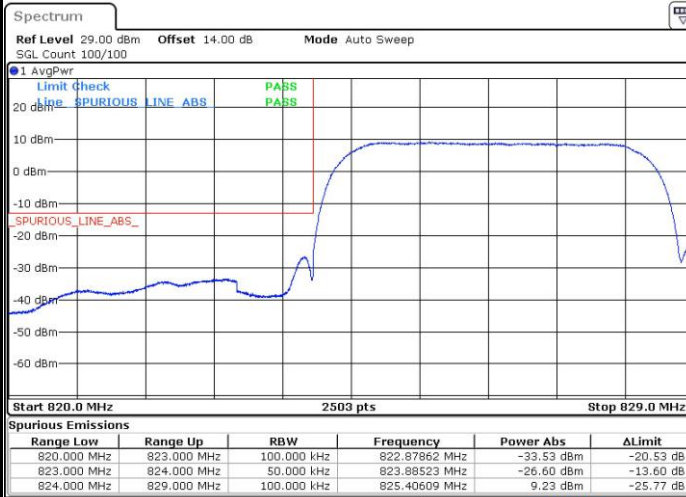
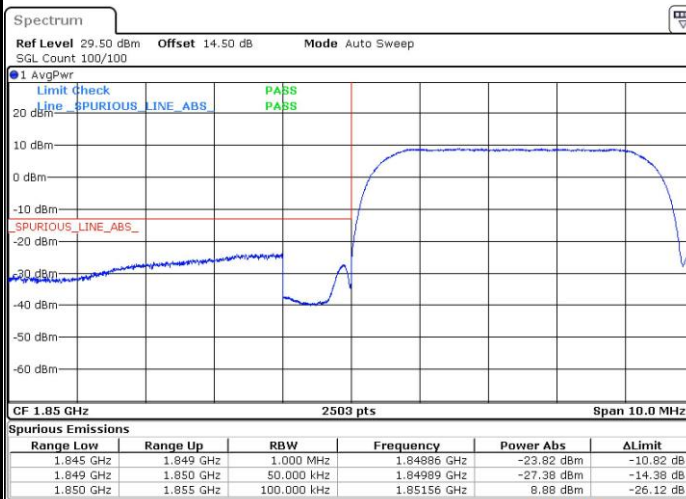
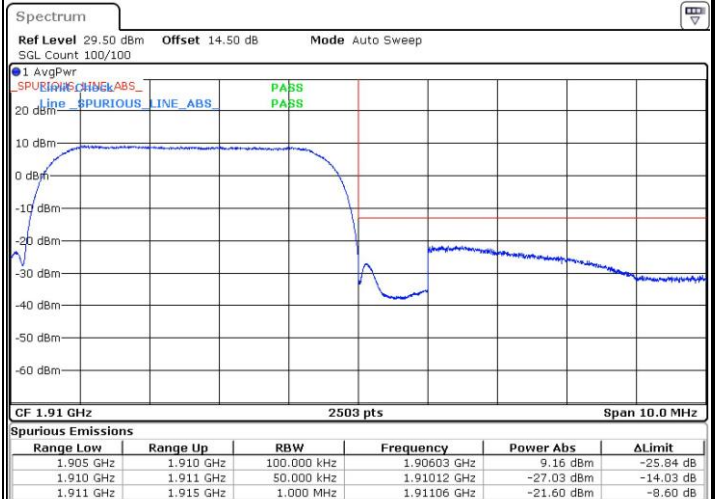


**Conducted Band Edge****WCDMA Band V (RMC 12.2Kbps)****Lowest Band Edge****Highest Band Edge****WCDMA Band II (RMC 12.2Kbps)****Lowest Band Edge****Highest Band Edge**

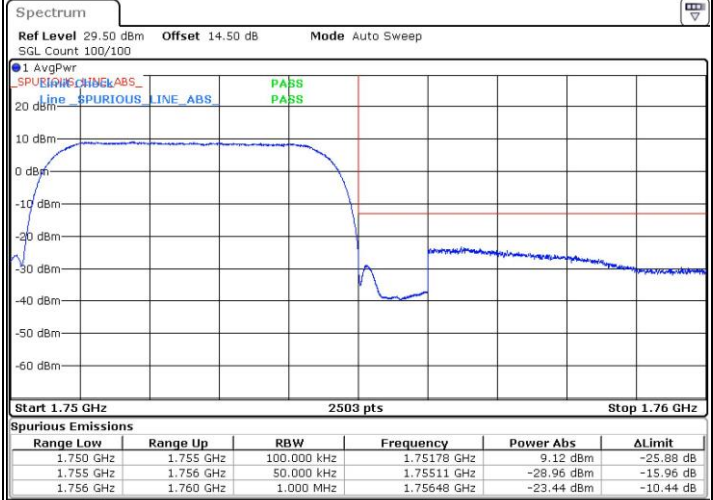


WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

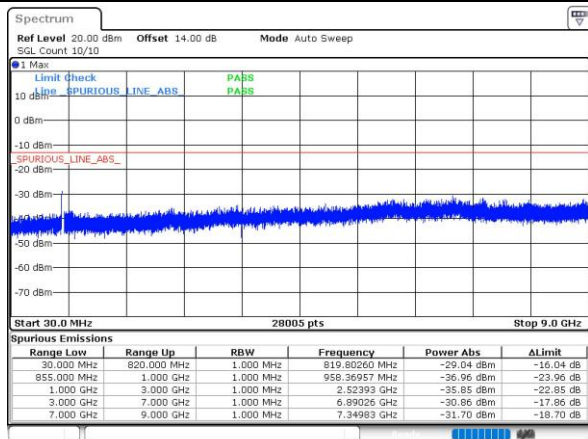




Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

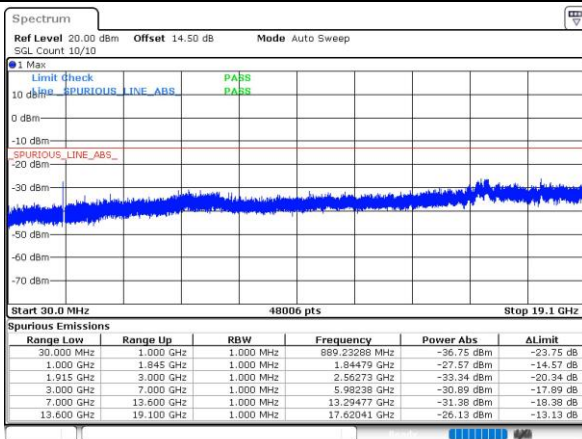
Lowest Channel



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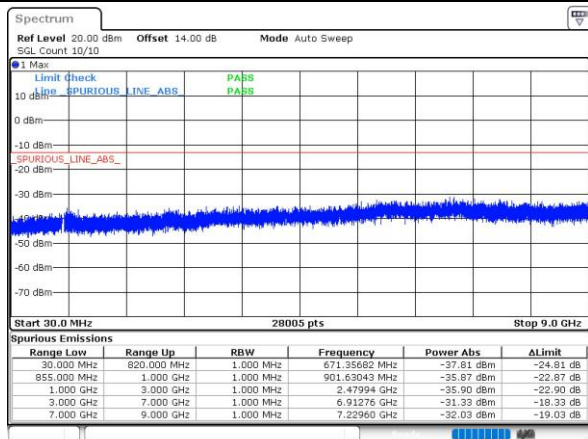
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



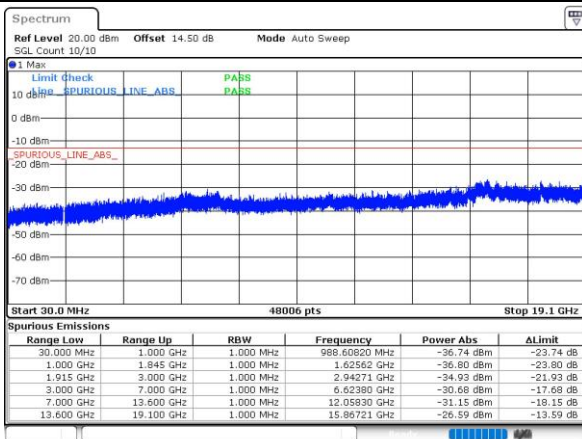
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Middle Channel



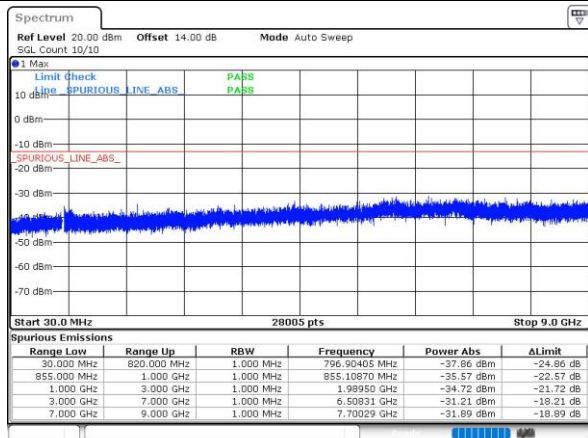
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Middle Channel



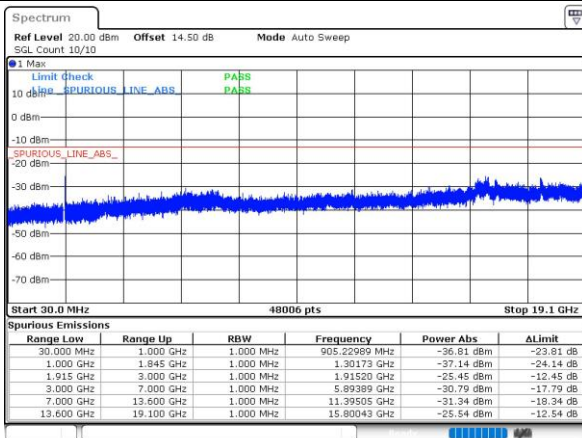
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Highest Channel



Date: 5.JAN.2025 11:46:23

Highest Channel

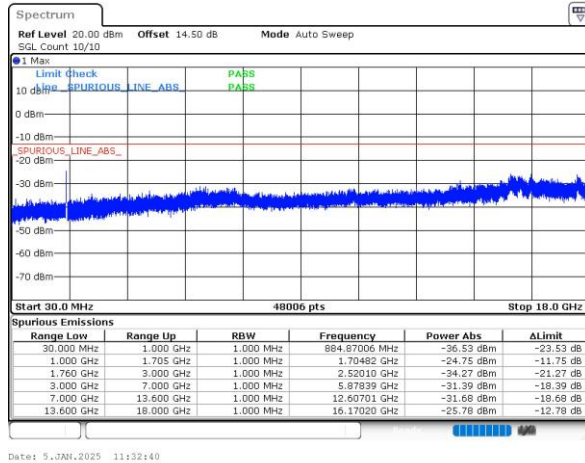


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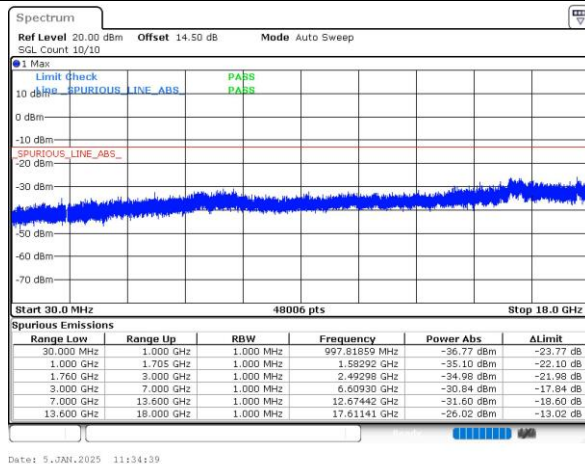


WCDMA Band IV (RMC 12.2Kbps)

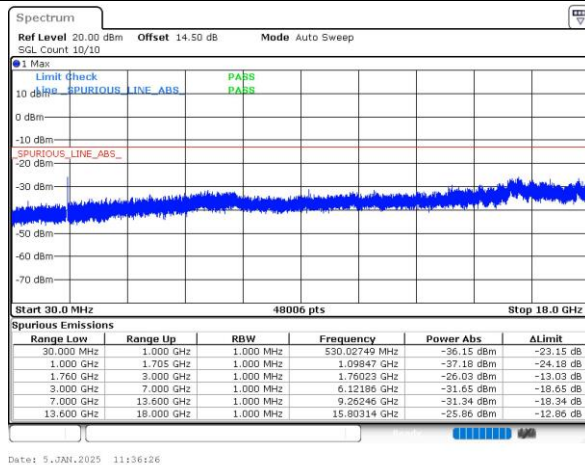
Lowest Channel



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	0.0009	PASS
40	Normal Voltage	0.0066	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0100	
0	Normal Voltage	0.0087	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0100	
-30	Normal Voltage	0.0111	
20	Maximum Voltage	0.0106	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0080	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0046	PASS
40	Normal Voltage	0.0062	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0057	
0	Normal Voltage	0.0050	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0047	
20	Maximum Voltage	0.0056	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0061	

Note:

1. Normal Voltage = 3.89V. ; Battery End Point (BEP) = 3.5 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.



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	0.0008	
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	0.0010	
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) = 3.5 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 :	PingZhou Liang	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	-66.10	-13	-53.10	-76.06	-69.35	4.00	9.40	H
	2509.2	-39.66	-13	-26.66	-54.06	-43.23	4.88	10.60	H
	3345.6	-62.43	-13	-49.43	-78.42	-67.36	5.52	12.60	H
	1672.8	-66.58	-13	-53.58	-75.99	-69.83	4.00	9.40	V
	2509.2	-48.98	-13	-35.98	-63.34	-52.55	4.88	10.60	V
	3345.6	-62.92	-13	-49.92	-78.64	-67.85	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	-65.61	-13	-52.61	-75.57	-68.86	4.00	9.40	H
	2509.2	-43.45	-13	-30.45	-57.85	-47.02	4.88	10.60	H
	3345.6	-62.42	-13	-49.42	-78.41	-67.35	5.52	12.60	H
	1672.8	-66.30	-13	-53.30	-75.71	-69.55	4.00	9.40	V
	2509.2	-53.53	-13	-40.53	-67.89	-57.10	4.88	10.60	V
	3345.6	-62.89	-13	-49.89	-78.61	-67.82	5.52	12.60	V

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

GSM1900 (GSM)_ANT4									
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	-61.50	-13	-48.50	-80.13	-68.25	5.85	12.60	H
	5640	-58.86	-13	-45.86	-82.12	-64.66	7.30	13.10	H
	7520	-55.03	-13	-42.03	-81.84	-58.18	8.35	11.50	H
	3760	-61.51	-13	-48.51	-80.07	-68.26	5.85	12.60	V
	5640	-59.48	-13	-46.48	-81.99	-65.28	7.30	13.10	V
	7520	-54.95	-13	-41.95	-81.74	-58.10	8.35	11.50	V

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



GSM1900 (EDGE 1 Tx slots) _ANT4									
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	-61.53	-13	-48.53	-80.16	-68.28	5.85	12.60	H
	5640	-58.81	-13	-45.81	-82.07	-64.61	7.30	13.10	H
	7520	-55.14	-13	-42.14	-81.95	-58.29	8.35	11.50	H
	3760	-61.57	-13	-48.57	-80.13	-68.32	5.85	12.60	V
	5640	-59.57	-13	-46.57	-82.08	-65.37	7.30	13.10	V
	7520	-55.10	-13	-42.10	-81.89	-58.25	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	-65.76	-13	-52.76	-75.72	-69.01	4.00	9.40	H
	2509.2	-62.70	-13	-49.70	-77.10	-66.27	4.88	10.60	H
	3345.6	-62.88	-13	-49.88	-78.87	-67.81	5.52	12.60	H
	1672.8	-66.77	-13	-53.77	-76.18	-70.02	4.00	9.40	V
	2509.2	-63.47	-13	-50.47	-77.83	-67.04	4.88	10.60	V
	3345.6	-62.98	-13	-49.98	-78.70	-67.91	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) _ANT4									
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	-61.53	-13	-48.53	-80.16	-68.28	5.85	12.60	H
	5640	-58.39	-13	-45.39	-81.65	-64.19	7.30	13.10	H
	7520	-54.93	-13	-41.93	-81.74	-58.08	8.35	11.50	H
	3760	-61.54	-13	-48.54	-80.1	-68.29	5.85	12.60	V
	5640	-58.74	-13	-45.74	-81.25	-64.54	7.30	13.10	V
	7520	-54.55	-13	-41.55	-81.34	-57.70	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) _ANT4									
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	-62.03	-13	-49.03	-78.93	-68.88	5.65	12.50	H
	5197.8	-60.76	-13	-47.76	-82.53	-66.43	7.13	12.80	H
	6930.4	-56.35	-13	-43.35	-82.15	-59.75	8.40	11.80	H
	3465.2	-61.68	-13	-48.68	-78.6	-68.53	5.65	12.50	V
	5197.8	-60.30	-13	-47.30	-82.38	-65.97	7.13	12.80	V
	6930.4	-56.12	-13	-43.12	-82.39	-59.52	8.40	11.80	V

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