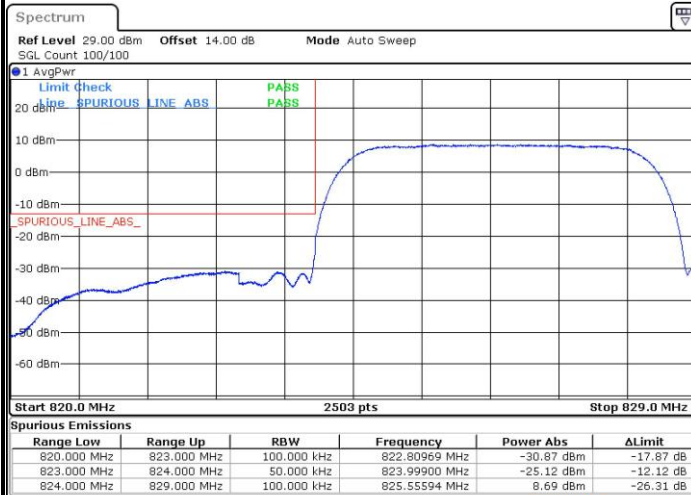




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge



WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

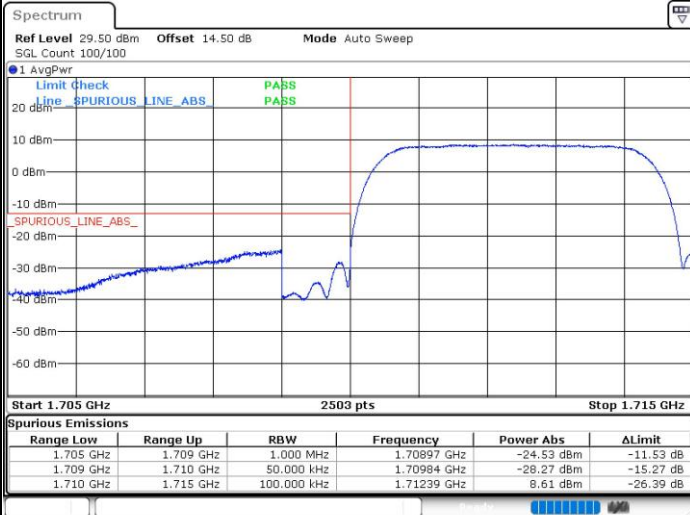




WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 31.JUL.2025 10:33:31



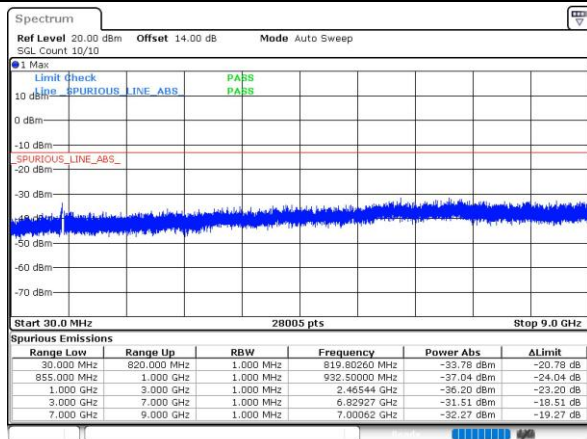
Date: 31.JUL.2025 10:39:20



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

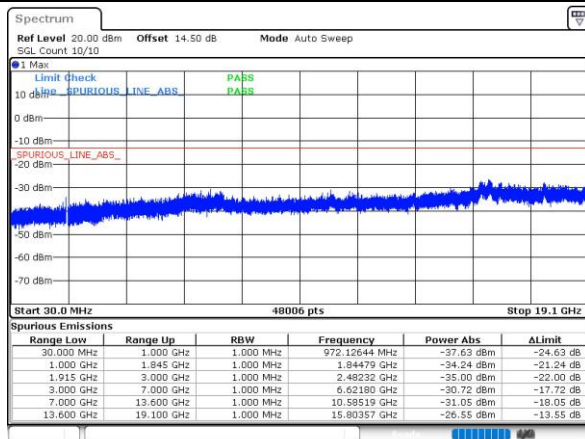
Lowest Channel



Date: 31.JUL.2025 10:42:27

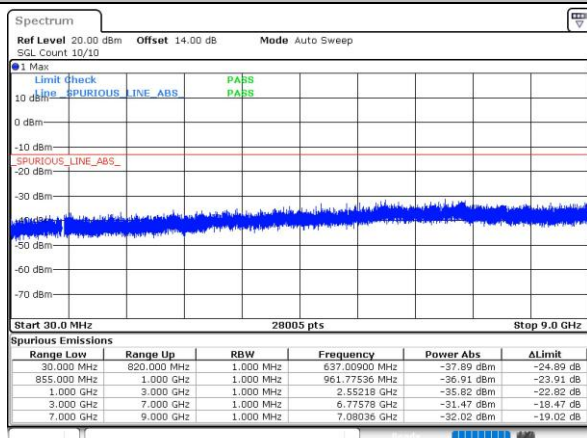
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



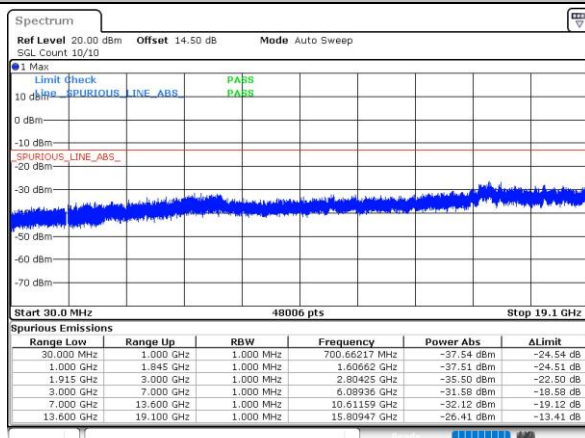
Date: 31.JUL.2025 10:26:19

Middle Channel



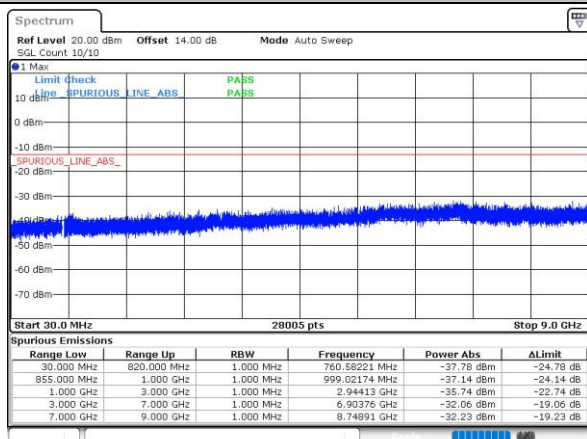
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Middle Channel



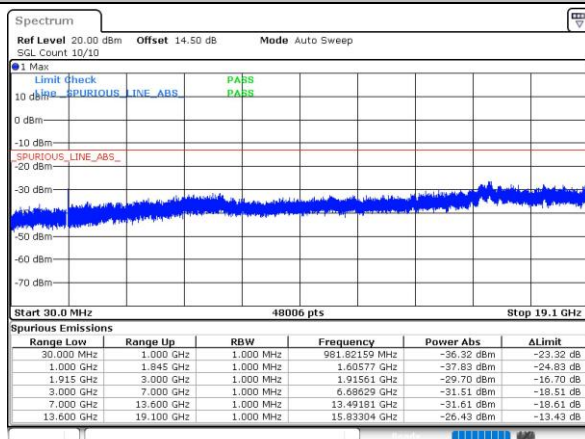
Date: 31.JUL.2025 10:27:48

Highest Channel



Date: 31.JUL.2025 10:46:58

Highest Channel

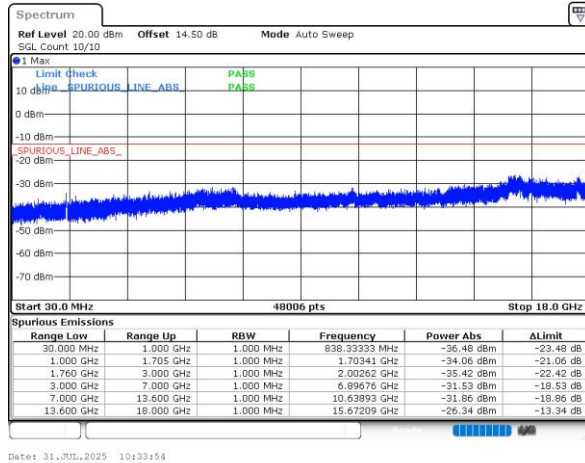


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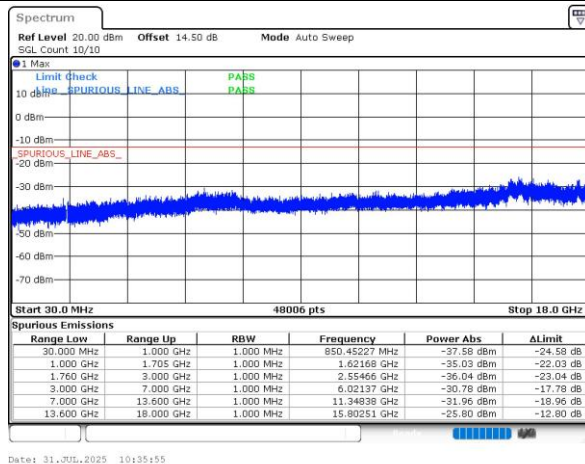


WCDMA Band IV (RMC 12.2Kbps)

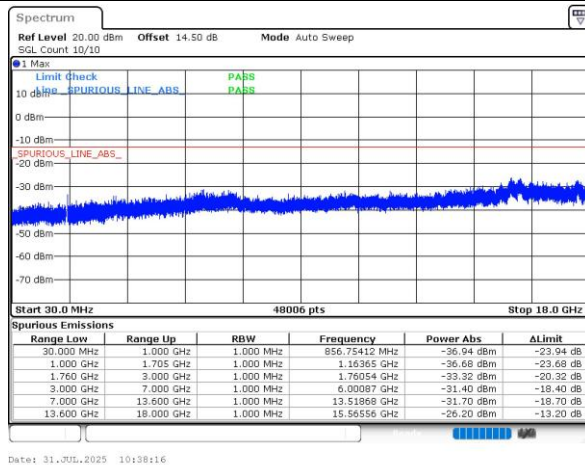
Lowest Channel



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	0.0016	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0022	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.7 V.; Maximum Voltage =4.3 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	0.0010	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage = 3.91V. ; Battery End Point (BEP) = 3.7 V.; Maximum Voltage =4.3 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 :	Wenbo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

GSM850 (GSM) / ANT 13									
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	-41.99	-13	-28.99	-51.56	-45.24	4.00	9.40	H
	2509.2	-60.60	-13	-47.60	-74.39	-64.17	4.88	10.60	H
	3345.6	-62.97	-13	-49.97	-78.58	-67.90	5.52	12.60	H
	1672.8	-42.71	-13	-29.71	-51.73	-45.96	4.00	9.40	V
	2509.2	-61.14	-13	-48.14	-74.89	-64.71	4.88	10.60	V
	3345.6	-62.72	-13	-49.72	-78.06	-67.65	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots) / ANT 13									
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	-49.72	-13	-36.72	-59.29	-52.97	4.00	9.40	H
	2509.2	-63.40	-13	-50.40	-77.19	-66.97	4.88	10.60	H
	3345.6	-62.54	-13	-49.54	-78.15	-67.47	5.52	12.60	H
	1672.8	-50.56	-13	-37.56	-59.58	-53.81	4.00	9.40	V
	2509.2	-63.44	-13	-50.44	-77.19	-67.01	4.88	10.60	V
	3345.6	-62.97	-13	-49.97	-78.31	-67.90	5.52	12.60	V

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

GSM1900 (GSM) / ANT 13									
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	-61.49	-13	-48.49	-79.61	-68.24	5.85	12.60	H
	5640	-58.75	-13	-45.75	-81.61	-64.55	7.30	13.10	H
	7520	-55.19	-13	-42.19	-81.01	-58.34	8.35	11.50	H
	3760	-61.45	-13	-48.45	-79.5	-68.20	5.85	12.60	V
	5640	-59.26	-13	-46.26	-81.37	-65.06	7.30	13.10	V
	7520	-55.70	-13	-42.70	-81.5	-58.85	8.35	11.50	V

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



GSM1900 (EDGE 1 Tx slots) / ANT 13									
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	-61.46	-13	-48.46	-79.58	-68.21	5.85	12.60	H
	5640	-58.70	-13	-45.70	-81.56	-64.50	7.30	13.10	H
	7520	-55.54	-13	-42.54	-81.36	-58.69	8.35	11.50	H
	3760	-61.51	-13	-48.51	-79.56	-68.26	5.85	12.60	V
	5640	-59.65	-13	-46.65	-81.76	-65.45	7.30	13.10	V
	7520	-55.45	-13	-42.45	-81.25	-58.60	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) / ANT 13									
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	-62.44	-13	-49.44	-72.01	-65.69	4.00	9.40	H
	2509.2	-63.74	-13	-50.74	-77.53	-67.31	4.88	10.60	H
	3345.6	-63.09	-13	-50.09	-78.70	-68.02	5.52	12.60	H
	1672.8	-63.42	-13	-50.42	-72.44	-66.67	4.00	9.40	V
	2509.2	-63.46	-13	-50.46	-77.21	-67.03	4.88	10.60	V
	3345.6	-63.01	-13	-50.01	-78.35	-67.94	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) / ANT 13									
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	-61.28	-13	-48.28	-79.40	-68.03	5.85	12.60	H
	5640	-58.77	-13	-45.77	-81.63	-64.57	7.30	13.10	H
	7520	-55.78	-13	-42.78	-81.60	-58.93	8.35	11.50	H
	3760	-61.41	-13	-48.41	-79.46	-68.16	5.85	12.60	V
	5640	-59.36	-13	-46.36	-81.47	-65.16	7.30	13.10	V
	7520	-55.68	-13	-42.68	-81.48	-58.83	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) / ANT 13									
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	-61.87	-13	-48.87	-78.54	-68.72	5.65	12.50	H
	5197.8	-59.47	-13	-46.47	-81.01	-65.14	7.13	12.80	H
	6930.4	-56.20	-13	-43.20	-81.54	-59.60	8.40	11.80	H
	3465.2	-61.39	-13	-48.39	-78.08	-68.24	5.65	12.50	V
	5197.8	-59.51	-13	-46.51	-81.36	-65.18	7.13	12.80	V
	6930.4	-55.51	-13	-42.51	-81.32	-58.91	8.40	11.80	V

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