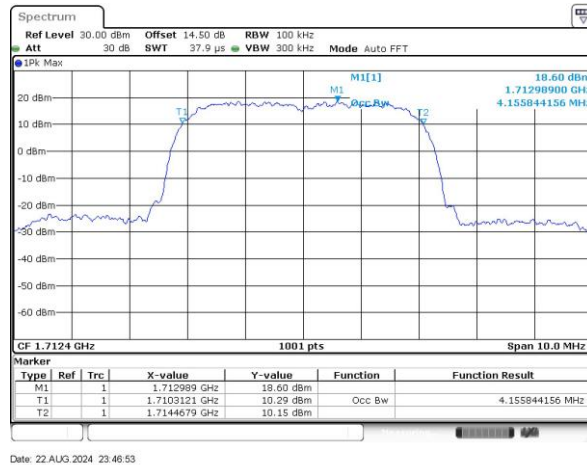


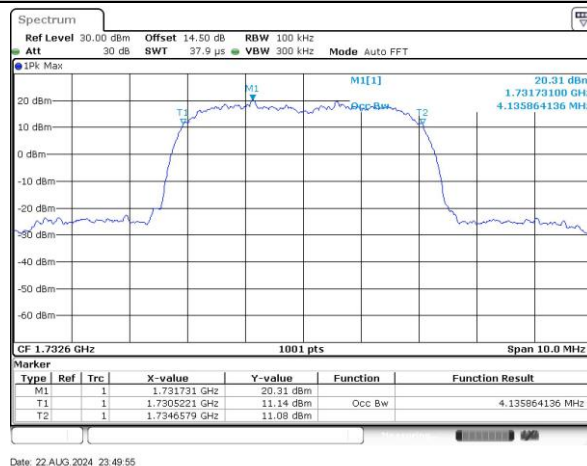


WCDMA Band IV (RMC 12.2Kbps)

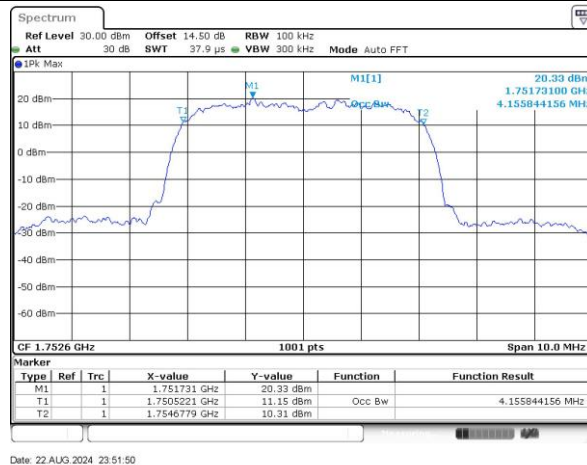
Lowest Channel



Middle Channel



Highest Channel

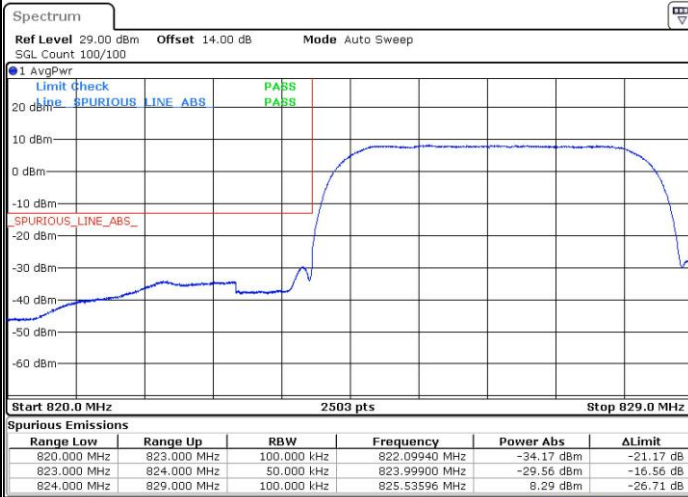




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

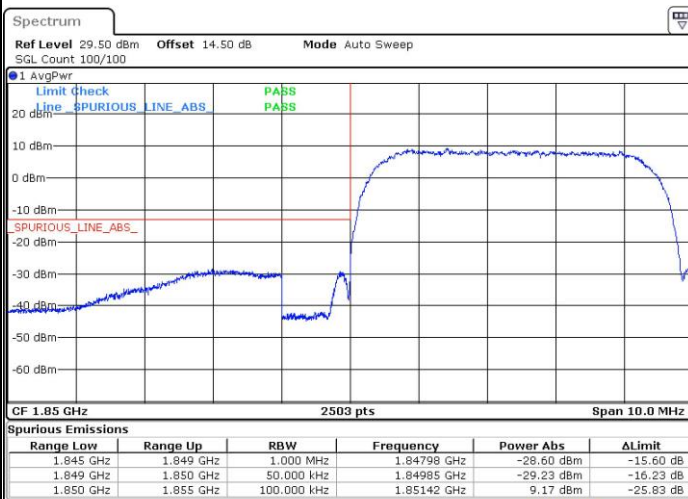


Highest Band Edge



WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

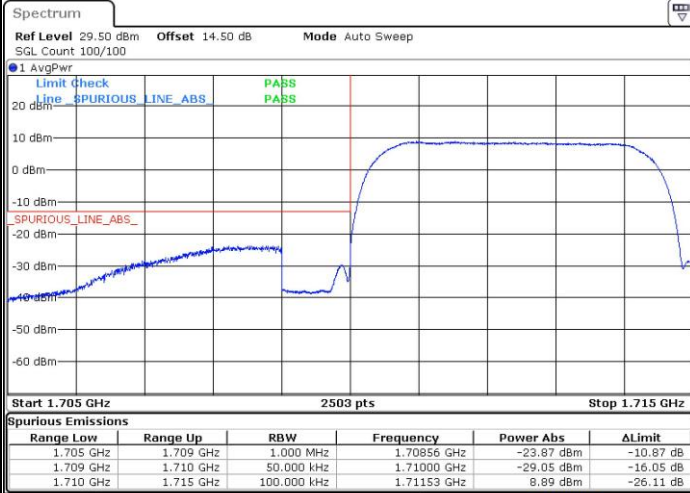




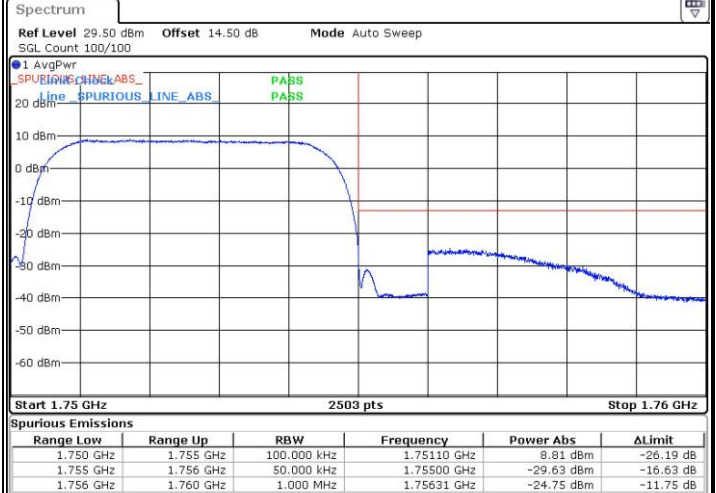
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 22.AUG.2024 23:47:28



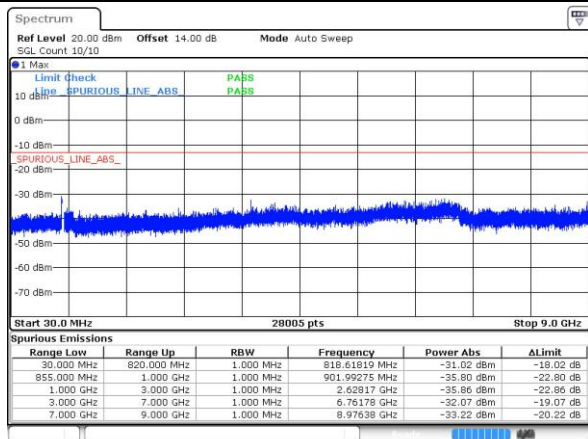
Date: 22.AUG.2024 23:52:25



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

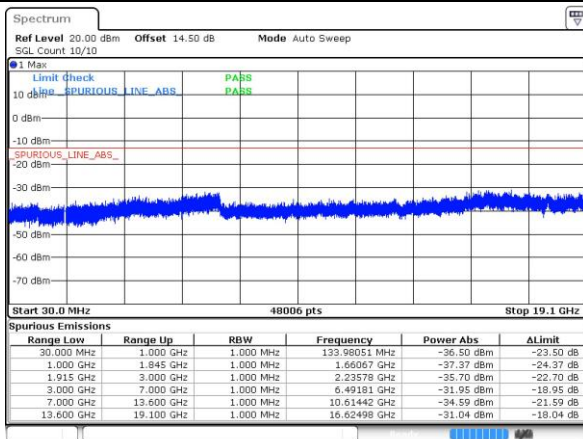
Lowest Channel



Date: 23 AUG 2024 00:00:49

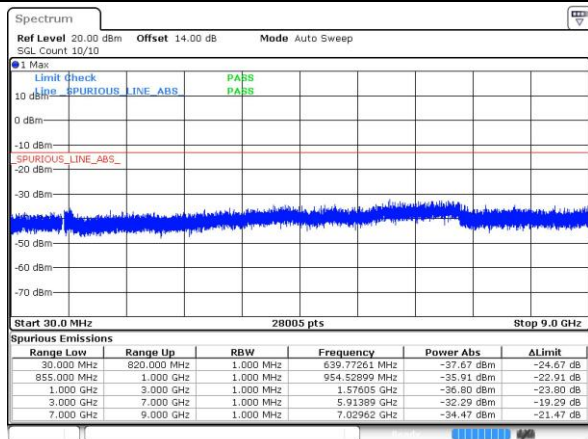
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



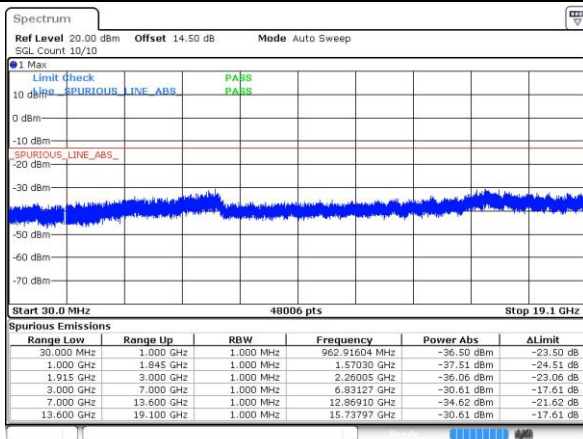
Date: 22 AUG 2024 23:37:20

Middle Channel



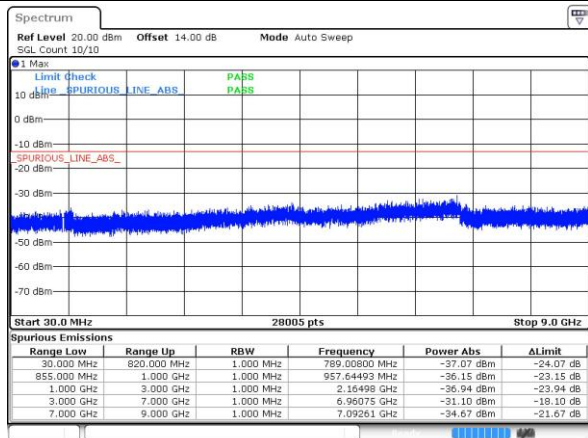
Date: 23 AUG 2024 00:02:15

Middle Channel



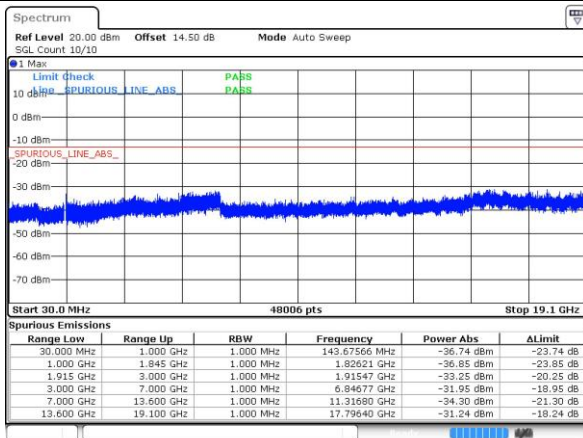
Date: 22 AUG 2024 23:41:29

Highest Channel



Date: 23 AUG 2024 00:04:41

Highest Channel

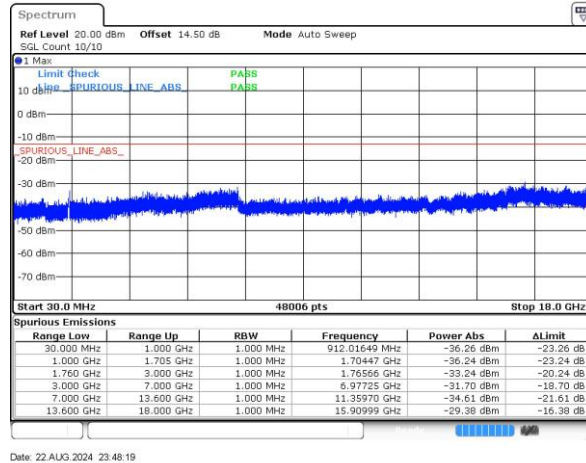


Date: 22 AUG 2024 23:45:02

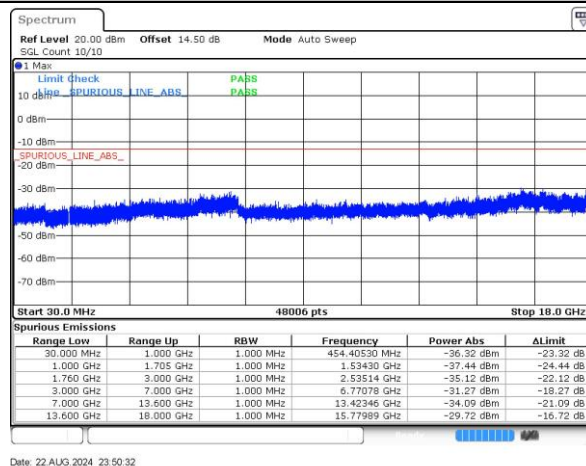


WCDMA Band IV (RMC 12.2Kbps)

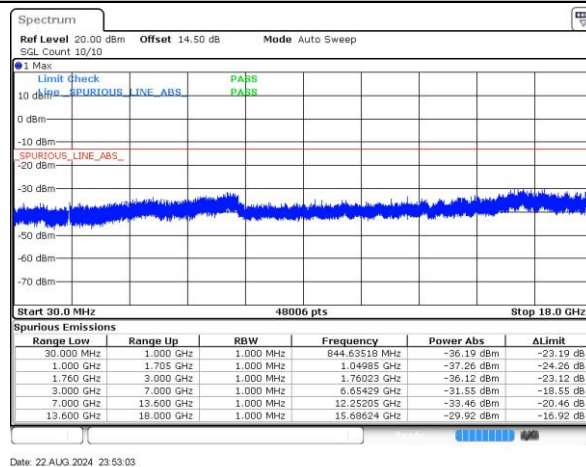
Lowest Channel



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	0.0048	PASS
40	Normal Voltage	0.0063	
30	Normal Voltage	0.0068	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0010	
20	Maximum Voltage	0.0056	
20	Normal Voltage	0.0062	
20	Battery End Point	0.0061	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Note 2. Result
50	Normal Voltage	0.0035	PASS
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0025	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.4 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	0.0084	PASS
40	Normal Voltage	0.0092	
30	Normal Voltage	0.0080	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0037	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0057	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0031	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.4 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%

GSM850 (GSM)									
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	-51.87	-13	-38.87	-64.13	-55.12	4.00	9.40	H
	2509.2	-51.60	-13	-38.60	-71.10	-55.17	4.88	10.60	H
	3345.6	-56.27	-13	-43.27	-77.61	-61.20	5.52	12.60	H
	1672.8	-53.12	-13	-40.12	-66.09	-56.37	4.00	9.40	V
	2509.2	-53.39	-13	-40.39	-73.10	-56.96	4.88	10.60	V
	3345.6	-50.68	-13	-37.68	-72.32	-55.61	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots)									
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	-57.36	-13	-44.36	-69.62	-60.61	4.00	9.40	H
	2509.2	-53.84	-13	-40.84	-73.34	-57.41	4.88	10.60	H
	3345.6	-55.95	-13	-42.95	-77.29	-60.88	5.52	12.60	H
	1672.8	-52.30	-13	-39.30	-65.27	-55.55	4.00	9.40	V
	2509.2	-53.02	-13	-40.02	-72.73	-56.59	4.88	10.60	V
	3345.6	-52.55	-13	-39.55	-74.19	-57.48	5.52	12.60	V

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

WCDMA Band V(RMC 12.2Kbps)									
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	-62.94	-13	-49.94	-75.20	-66.19	4.00	9.40	H
	2509.2	-59.61	-13	-46.61	-79.11	-63.18	4.88	10.60	H
	3345.6	-57.70	-13	-44.70	-79.04	-62.63	5.52	12.60	H
	1672.8	-62.44	-13	-49.44	-75.41	-65.69	4.00	9.40	V
	2509.2	-57.87	-13	-44.87	-77.58	-61.44	4.88	10.60	V
	3345.6	-56.93	-13	-43.93	-78.57	-61.86	5.52	12.60	V

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



GSM1900 (GSM)									
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	-57.73	-13	-44.73	-80.22	-64.48	5.85	12.60	H
	5640	-57.03	-13	-44.03	-81.43	-62.83	7.30	13.10	H
	7520	-54.95	-13	-41.95	-81.83	-58.10	8.35	11.50	H
	3760	-55.10	-13	-42.10	-80.75	-61.85	5.85	12.60	V
	5640	-56.92	-13	-43.92	-81.47	-62.72	7.30	13.10	V
	7520	-54.97	-13	-41.97	-81.83	-58.12	8.35	11.50	V

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

GSM1900 (EDGE 1 Tx slots)									
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	-58.15	-13	-45.15	-80.64	-64.90	5.85	12.60	H
	5640	-57.07	-13	-44.07	-81.47	-62.87	7.30	13.10	H
	7520	-54.89	-13	-41.89	-81.77	-58.04	8.35	11.50	H
	3760	-55.40	-13	-42.40	-81.05	-62.15	5.85	12.60	V
	5640	-56.69	-13	-43.69	-81.24	-62.49	7.30	13.10	V
	7520	-55.00	-13	-42.00	-81.86	-58.15	8.35	11.50	V

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

WCDMA Band II(RMC 12.2Kbps)									
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	-57.70	-13	-44.70	-80.19	-64.45	5.85	12.60	H
	5640	-57.24	-13	-44.24	-81.64	-63.04	7.30	13.10	H
	7520	-54.96	-13	-41.96	-81.84	-58.11	8.35	11.50	H
	3760	-55.38	-13	-42.38	-81.03	-62.13	5.85	12.60	V
	5640	-56.07	-13	-43.07	-80.62	-61.87	7.30	13.10	V
	7520	-55.14	-13	-42.14	-82	-58.29	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)									
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	-56.13	-13	-43.13	-78.38	-62.98	5.65	12.50	H
	5197.8	-56.39	-13	-43.39	-81.24	-62.06	7.13	12.80	H
	6930.4	-55.41	-13	-42.41	-81.70	-58.81	8.40	11.80	H
	3465.2	-56.46	-13	-43.46	-78.51	-63.31	5.65	12.50	V
	5197.8	-55.06	-13	-42.06	-80.18	-60.73	7.13	12.80	V
	6930.4	-54.30	-13	-41.30	-81.51	-57.70	8.40	11.80	V

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