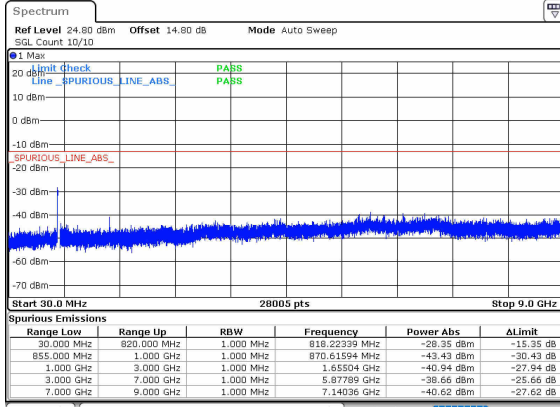




Conducted Spurious Emission

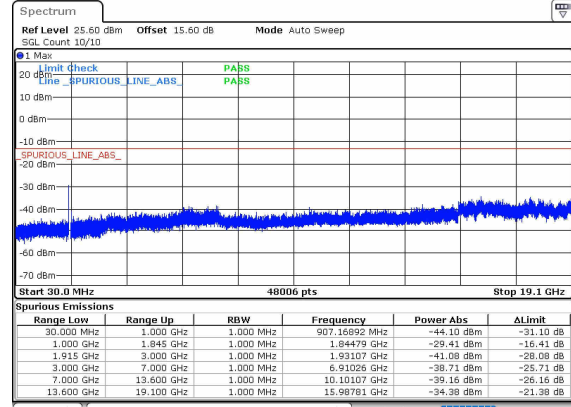
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

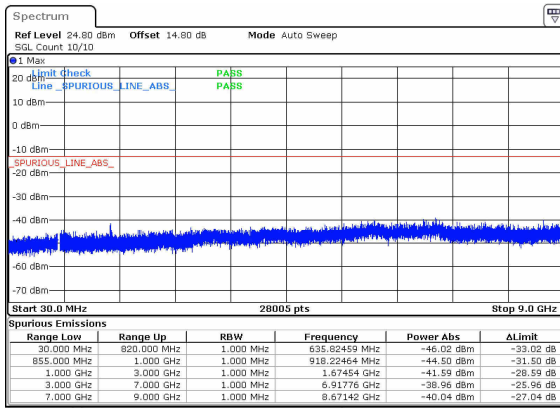


WCDMA Band II (RMC 12.2Kbps)

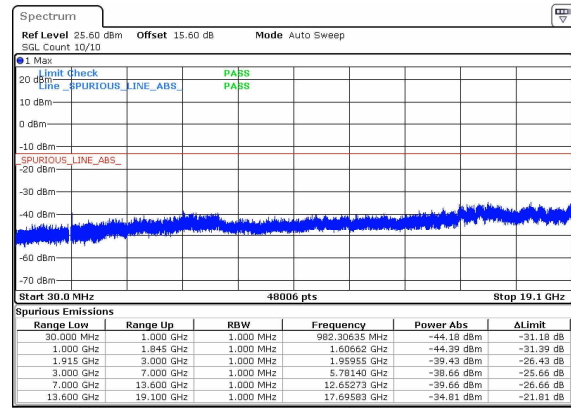
Lowest Channel



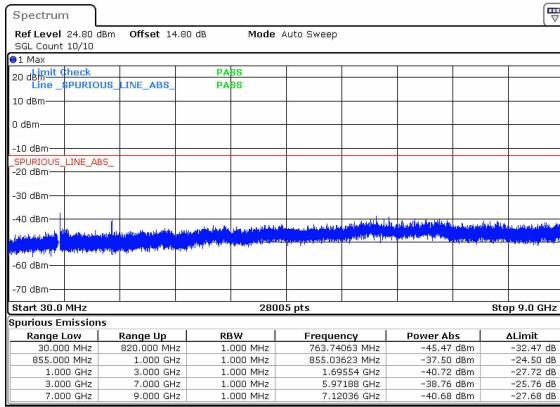
Middle Channel



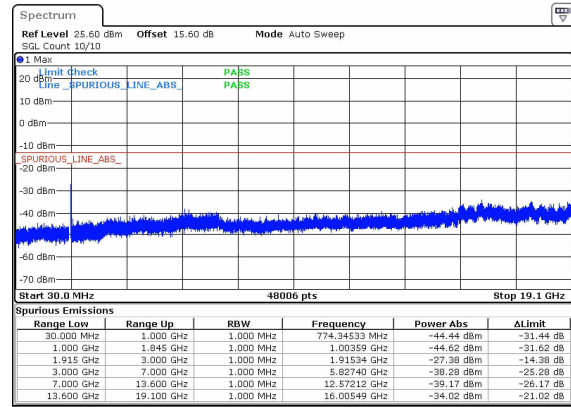
Middle Channel



Highest Channel



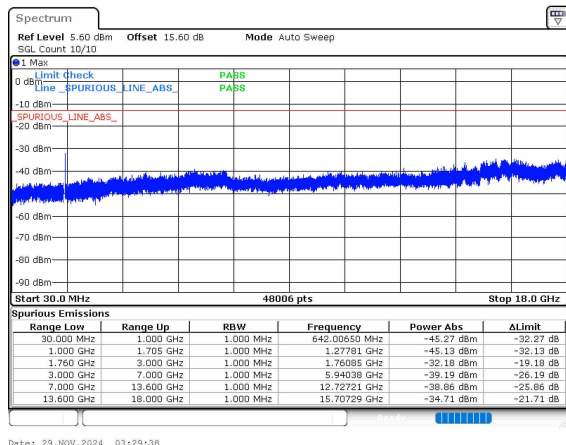
Highest Channel



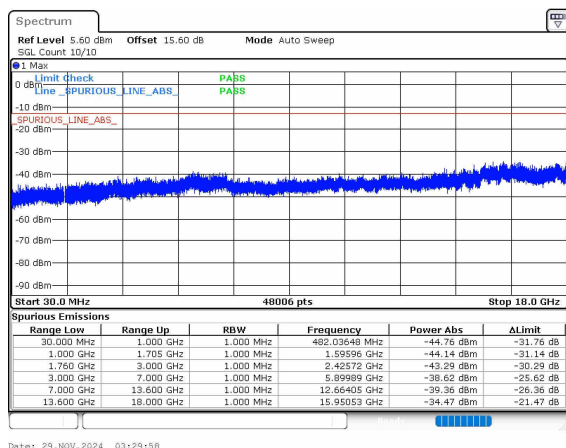


WCDMA Band IV (RMC 12.2Kbps)

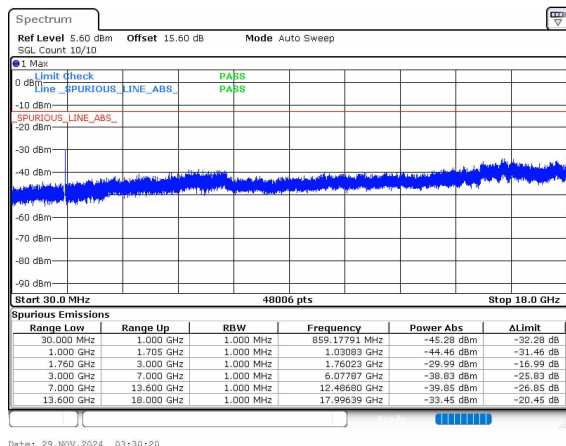
Lowest Channel



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	0.0025	PASS
40	Normal Voltage	0.0123	
30	Normal Voltage	0.0415	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0385	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0165	
-30	Normal Voltage	0.0329	
20	Maximum Voltage	0.0261	
20	Normal Voltage	0.0258	
20	Battery End Point	0.0061	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0264	PASS
40	Normal Voltage	0.0128	
30	Normal Voltage	0.0116	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0265	
0	Normal Voltage	0.0118	
-10	Normal Voltage	0.0369	
-20	Normal Voltage	0.0054	
-30	Normal Voltage	0.0115	
20	Maximum Voltage	0.0127	
20	Normal Voltage	0.0114	
20	Battery End Point	0.0028	



Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0031	PASS
40	Normal Voltage	0.0265	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0065	
-10	Normal Voltage	0.0127	
-20	Normal Voltage	0.0125	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0110	

Note:

1. Normal Voltage = 3.87V ; Battery End Point (BEP) =3.65V. ; Maximum Voltage =4.45V
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 :	HuaCong Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

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)
Lowest	1652.8	-66.14	-13	-53.14	-77.67	-69.37	3.98	9.36	H
	2479.2	-60.99	-13	-47.99	-79.72	-64.54	4.85	10.55	H
	3305.6	-60.01	-13	-47.01	-80.80	-64.94	5.50	12.58	H
	1652.8	-65.07	-13	-52.07	-77.24	-68.30	3.98	9.36	V
	2479.2	-60.59	-13	-47.59	-79.64	-64.14	4.85	10.55	V
	3305.6	-59.18	-13	-46.18	-80.67	-64.11	5.50	12.58	V
Middle	1672.8	-65.95	-13	-52.95	-77.63	-69.20	4.00	9.40	H
	2509.2	-60.78	-13	-47.78	-79.78	-64.35	4.88	10.60	H
	3345.6	-59.74	-13	-46.74	-80.71	-64.67	5.52	12.60	H
	1672.8	-65.71	-13	-52.71	-78.10	-68.96	4.00	9.40	V
	2509.2	-60.60	-13	-47.60	-79.81	-64.17	4.88	10.60	V
	3345.6	-59.41	-13	-46.41	-80.68	-64.34	5.52	12.60	V
Highest	1693.2	-66.30	-13	-53.30	-78.25	-69.47	4.10	9.42	H
	2539.8	-60.65	-13	-47.65	-79.79	-64.23	4.90	10.63	H
	3386.4	-60.90	-13	-47.90	-81.02	-65.82	5.55	12.62	H
	1693.2	-65.37	-13	-52.37	-77.99	-68.54	4.10	9.42	V
	2539.8	-60.32	-13	-47.32	-79.68	-63.90	4.90	10.63	V
	3386.4	-59.61	-13	-46.61	-80.72	-64.53	5.55	12.62	V

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



WCDMA Band II(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)
Lowest	3704.8	-57.45	-13	-44.45	-80.39	-64.21	5.82	12.58	H
	5557.2	-57.63	-13	-44.63	-81.92	-63.35	7.28	13.00	H
	7409.6	-54.52	-13	-41.52	-81.44	-57.68	8.32	11.48	H
	3704.8	-55.02	-13	-42.02	-79.65	-61.78	5.82	12.58	V
	5557.2	-56.90	-13	-43.90	-81.62	-62.62	7.28	13.00	V
	7409.6	-54.60	-13	-41.60	-81.49	-57.76	8.32	11.48	V
Middle	3760	-57.25	-13	-44.25	-79.54	-64.00	5.85	12.60	H
	5640	-57.23	-13	-44.23	-81.19	-63.03	7.30	13.10	H
	7520	-55.42	-13	-42.42	-81.91	-58.57	8.35	11.50	H
	3760	-54.83	-13	-41.83	-80.28	-61.58	5.85	12.60	V
	5640	-57.27	-13	-44.27	-81.38	-63.07	7.30	13.10	V
	7520	-55.48	-13	-42.48	-81.95	-58.63	8.35	11.50	V
Highest	3815.2	-56.01	-13	-43.01	-78.75	-62.75	5.88	12.62	H
	5722.8	-57.27	-13	-44.27	-81.70	-63.08	7.32	13.13	H
	7630.4	-55.48	-13	-42.48	-81.65	-58.64	8.38	11.54	H
	3815.2	-54.57	-13	-41.57	-78.91	-61.31	5.88	12.62	V
	5722.8	-56.36	-13	-43.36	-81.27	-62.17	7.32	13.13	V
	7630.4	-54.65	-13	-41.65	-81.5	-57.81	8.38	11.54	V

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



WCDMA Band IV(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)
Lowest	3424.8	-59.73	-13	-46.73	-81.00	-66.61	5.60	12.48	H
	5137.2	-57.69	-13	-44.69	-81.28	-63.37	7.10	12.78	H
	6849.6	-55.79	-13	-42.79	-81.24	-59.18	8.38	11.77	H
	3424.8	-58.77	-13	-45.77	-81.11	-65.65	5.60	12.48	V
	5137.2	-56.98	-13	-43.98	-81.31	-62.66	7.10	12.78	V
	6849.6	-54.09	-13	-41.09	-81.37	-57.48	8.38	11.77	V
Middle	3465.2	-59.04	-13	-46.04	-80.89	-65.89	5.65	12.50	H
	5197.8	-57.49	-13	-44.49	-81.55	-63.16	7.13	12.80	H
	6930.4	-55.75	-13	-42.75	-81.37	-59.15	8.40	11.80	H
	3465.2	-58.79	-13	-45.79	-80.44	-65.64	5.65	12.50	V
	5197.8	-56.97	-13	-43.97	-81.3	-62.64	7.13	12.80	V
	6930.4	-55.07	-13	-42.07	-81.61	-58.47	8.40	11.80	V
Highest	3505.2	-58.72	-13	-45.72	-80.15	-65.56	5.68	12.52	H
	5257.8	-57.41	-13	-44.41	-81.64	-63.08	7.15	12.82	H
	7010.4	-56.15	-13	-43.15	-81.99	-59.58	8.42	11.85	H
	3505.2	-57.88	-13	-44.88	-80.85	-64.72	5.68	12.52	V
	5257.8	-57.22	-13	-44.22	-81.42	-62.89	7.15	12.82	V
	7010.4	-55.41	-13	-42.41	-81.6	-58.84	8.42	11.85	V

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