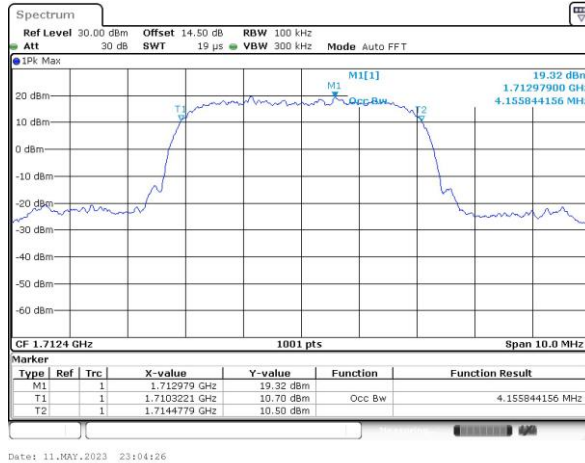


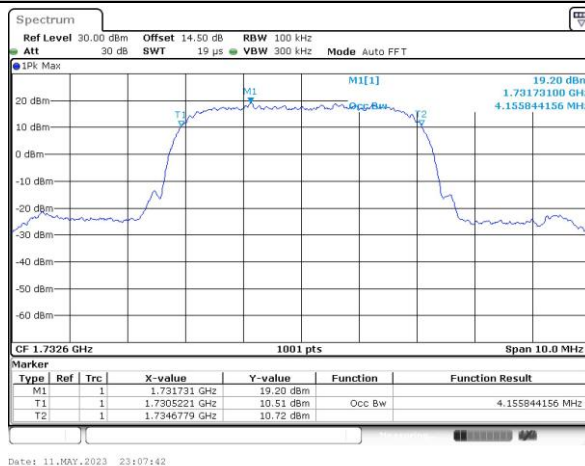


WCDMA Band IV (RMC 12.2Kbps)

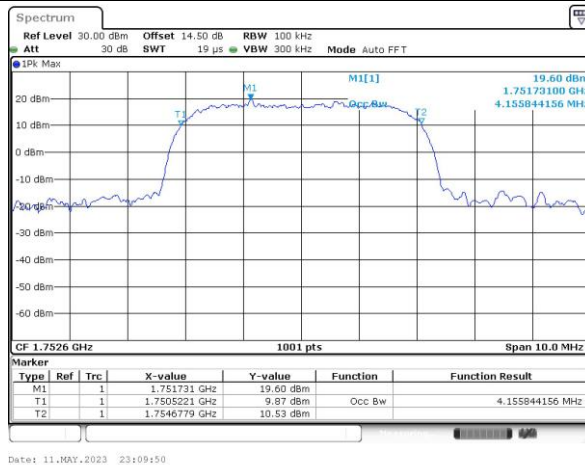
Lowest Channel



Middle Channel



Highest Channel

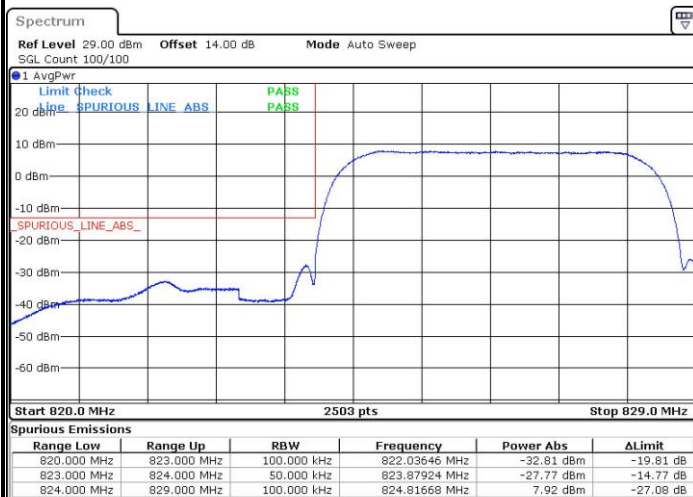




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

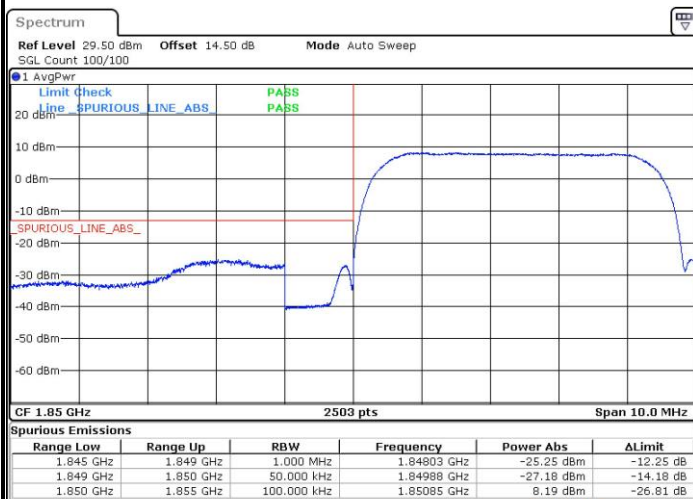


Highest Band Edge



WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge





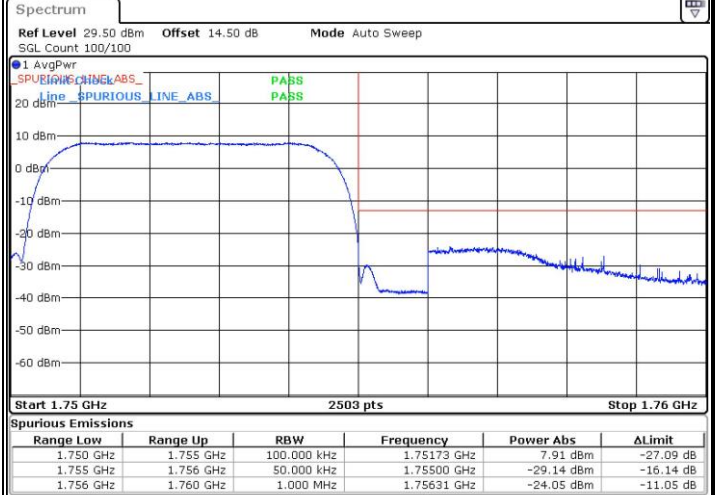
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



Date: 11.MAY.2023 23:05:39



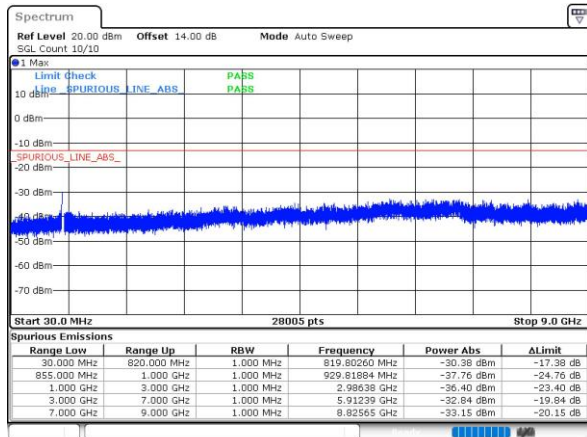
Date: 11.MAY.2023 23:11:44



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

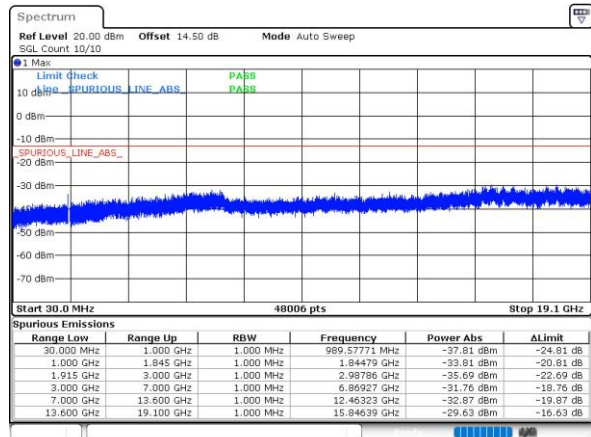
Lowest Channel



Date: 11.MAY.2023 23:17:46

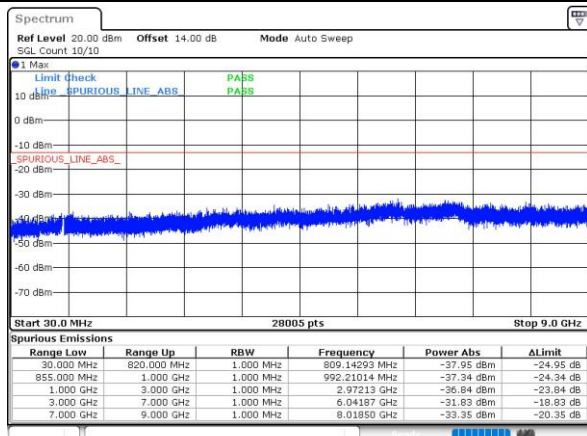
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



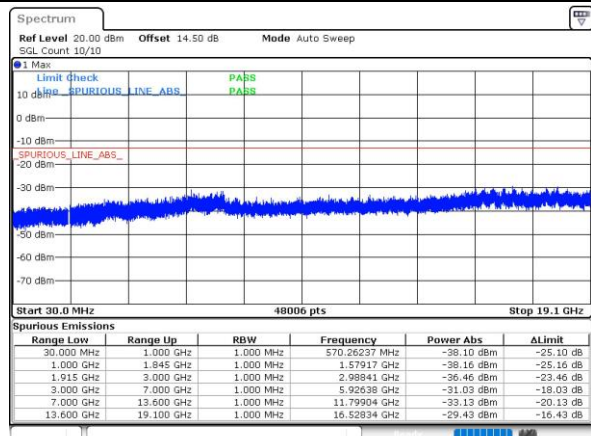
Date: 11.MAY.2023 22:50:22

Middle Channel



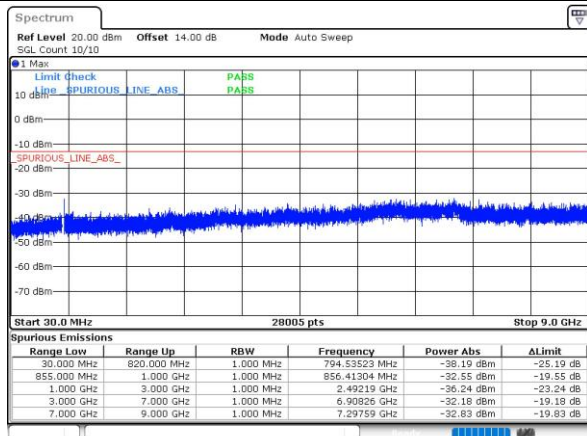
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Middle Channel



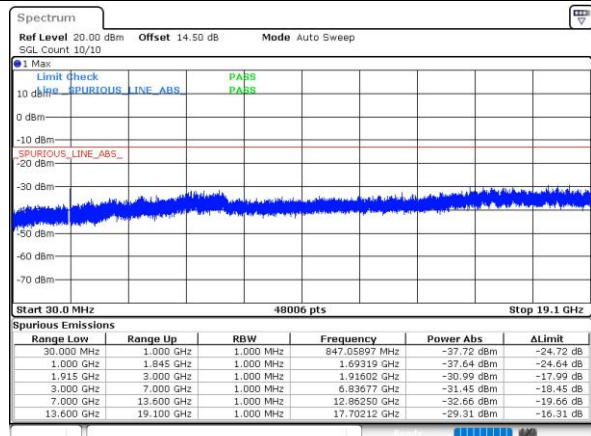
Date: 11.MAY.2023 22:53:20

Highest Channel



Date: 11.MAY.2023 23:23:34

Highest Channel

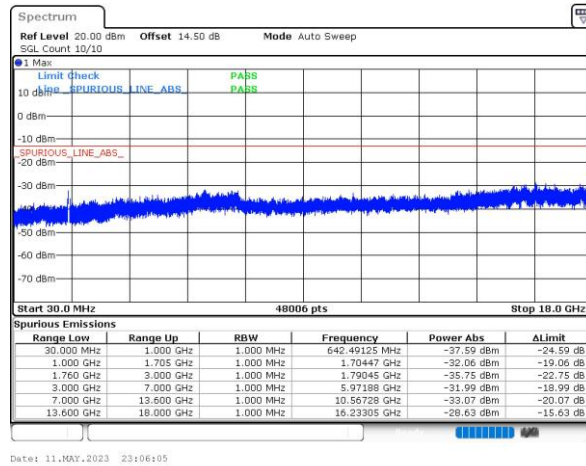


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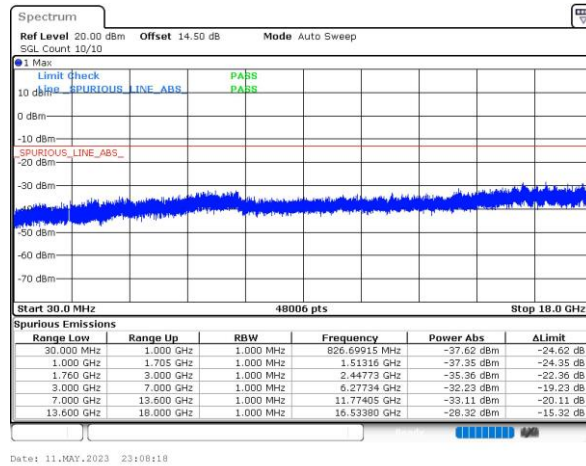


WCDMA Band IV (RMC 12.2Kbps)

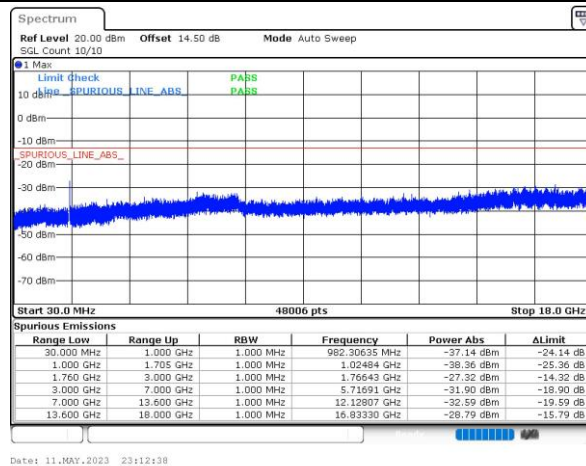
Lowest Channel



Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2KbpsRMC 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	0.0000	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0166	
0	Normal Voltage	0.0171	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0163	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0065	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0061	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0067	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0066	
-20	Normal Voltage	0.0060	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0072	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 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%

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	-58.86	-13	-45.86	-66.11	-62.11	4.00	9.40	H
	2509.2	-58.58	-13	-45.58	-70.05	-62.15	4.88	10.60	H
	3345.6	-63.45	-13	-50.45	-77.57	-68.38	5.52	12.60	H
	1672.8	-66.03	-13	-53.03	-73.47	-69.28	4.00	9.40	V
	2509.2	-59.28	-13	-46.28	-70.87	-62.85	4.88	10.60	V
	3345.6	-63.60	-13	-50.60	-77.74	-68.53	5.52	12.60	V

GSM850 (EDGE)									
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	-66.80	-13	-53.80	-74.05	-70.05	4.00	9.40	H
	2509.2	-63.88	-13	-50.88	-75.35	-67.45	4.88	10.60	H
	3345.6	-64.03	-13	-51.03	-78.15	-68.96	5.52	12.60	H
	1672.8	-66.91	-13	-53.91	-74.35	-70.16	4.00	9.40	V
	2509.2	-59.67	-13	-46.67	-71.26	-63.24	4.88	10.60	V
	3345.6	-63.94	-13	-50.94	-78.08	-68.87	5.52	12.60	V

GSM1900 (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	3760	-62.93	-13	-49.93	-78.72	-69.68	5.85	12.60	H
	5640	-59.34	-13	-46.34	-78.80	-65.14	7.30	13.10	H
	7520	-56.07	-13	-43.07	-80.91	-59.22	8.35	11.50	H
	3760	-63.45	-13	-50.45	-78.8	-70.20	5.85	12.60	V
	5640	-62.41	-13	-49.41	-80.66	-68.21	7.30	13.10	V
	7520	-55.54	-13	-42.54	-80.8	-58.69	8.35	11.50	V



GSM1900 (EDGE)

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	3760	-63.24	-13	-50.24	-79.03	-69.99	5.85	12.60	H
	5640	-59.84	-13	-46.84	-79.30	-65.64	7.30	13.10	H
	7520	-56.03	-13	-43.03	-80.87	-59.18	8.35	11.50	H
	3760	-63.61	-13	-50.61	-78.96	-70.36	5.85	12.60	V
	5640	-62.25	-13	-49.25	-80.5	-68.05	7.30	13.10	V
	7520	-55.55	-13	-42.55	-80.81	-58.70	8.35	11.50	V

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	-63.13	-13	-50.13	-78.92	-69.88	5.85	12.60	H
	5640	-60.37	-13	-47.37	-79.83	-66.17	7.30	13.10	H
	7520	-52.75	-13	-39.75	-77.59	-55.90	8.35	11.50	H
	3760	-63.31	-13	-50.31	-78.66	-70.06	5.85	12.60	V
	5640	-62.35	-13	-49.35	-80.6	-68.15	7.30	13.10	V
	7520	-52.07	-13	-39.07	-77.33	-55.22	8.35	11.50	V

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)
Middle	3465.2	-63.62	-13	-50.62	-78.02	-70.47	5.65	12.50	H
	5197.8	-61.93	-13	-48.93	-81.15	-67.60	7.13	12.80	H
	6930.4	-57.28	-13	-44.28	-80.24	-60.68	8.40	11.80	H
	3465.2	-63.60	-13	-50.60	-78.03	-70.45	5.65	12.50	V
	5197.8	-62.43	-13	-49.43	-81.27	-68.10	7.13	12.80	V
	6930.4	-57.25	-13	-44.25	-80.5	-60.65	8.40	11.80	V

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	-68.63	-13	-55.63	-75.88	-71.88	4.00	9.40	H
	2509.2	-65.64	-13	-52.64	-77.11	-69.21	4.88	10.60	H
	3345.6	-64.08	-13	-51.08	-78.20	-69.01	5.52	12.60	H
	1672.8	-67.41	-13	-54.41	-74.85	-70.66	4.00	9.40	V
	2509.2	-64.89	-13	-51.89	-76.48	-68.46	4.88	10.60	V
	3345.6	-64.16	-13	-51.16	-78.30	-69.09	5.52	12.60	V

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