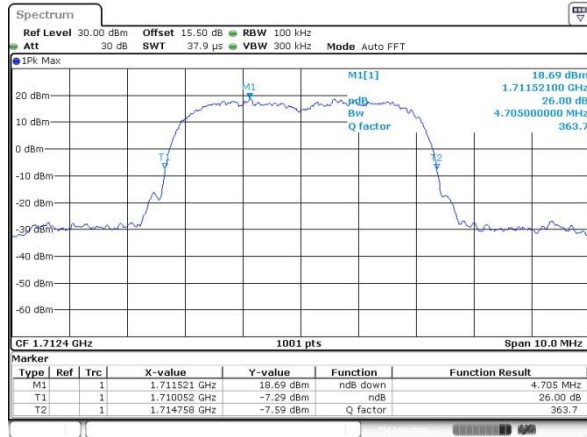


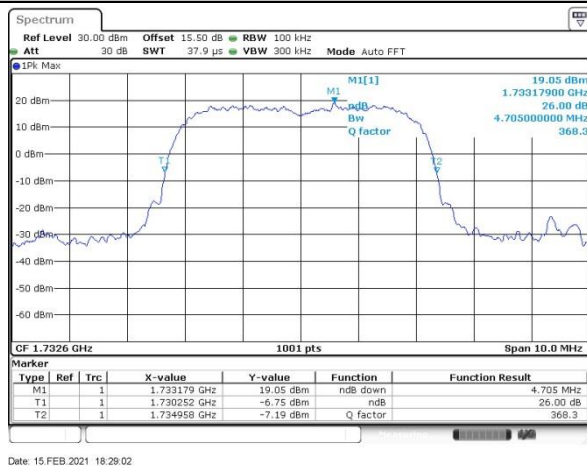


WCDMA Band IV (RMC 12.2Kbps)

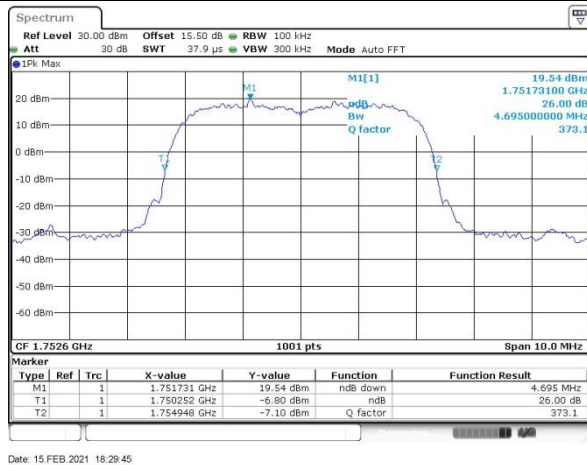
Lowest Channel



Middle Channel



Highest Channel





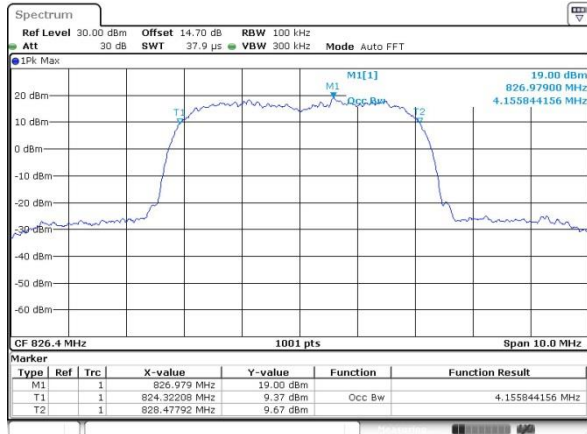
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.156	4.146	4.156
Middle CH	4.156	4.156	4.146
Highest CH	4.156	4.156	4.156



WCDMA Band V (RMC 12.2Kbps)

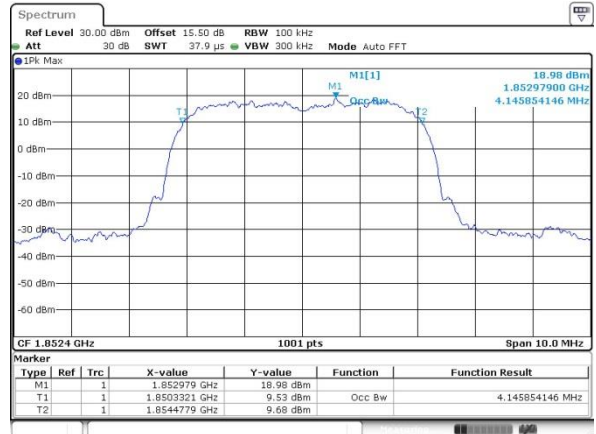
Lowest Channel



Date: 15 FEB 2021 17:17:54

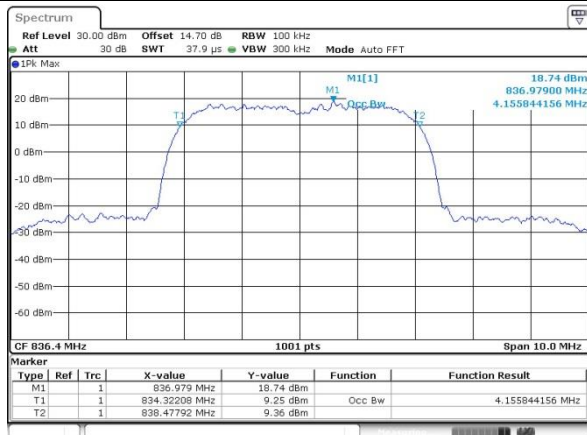
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



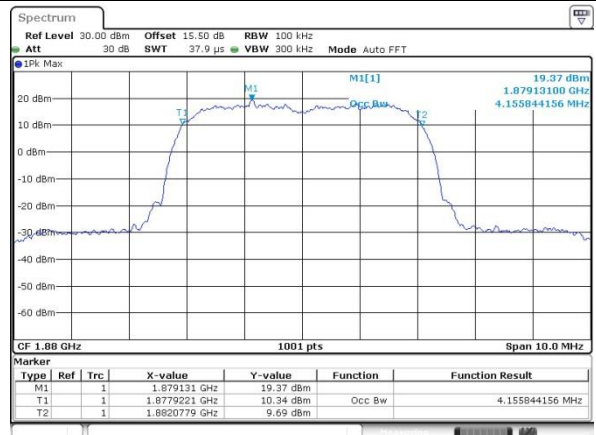
Date: 15 FEB 2021 18:05:28

Middle Channel



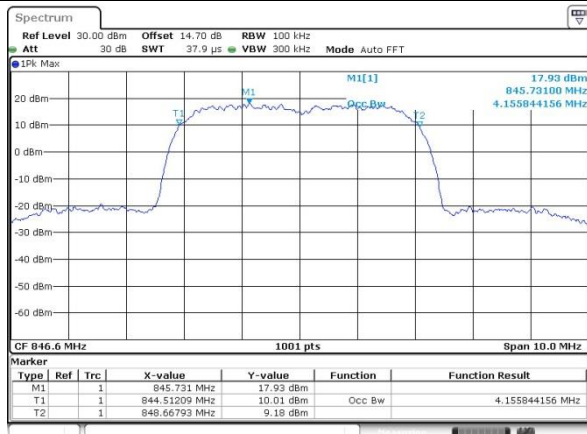
Date: 15 FEB 2021 17:20:10

Middle Channel



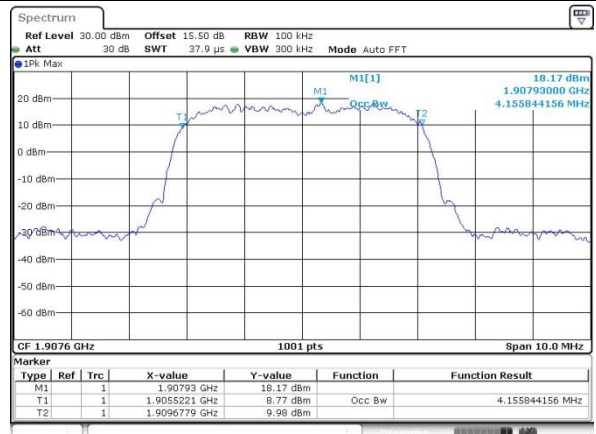
Date: 15 FEB 2021 18:06:16

Highest Channel



Date: 15 FEB 2021 17:21:34

Highest Channel

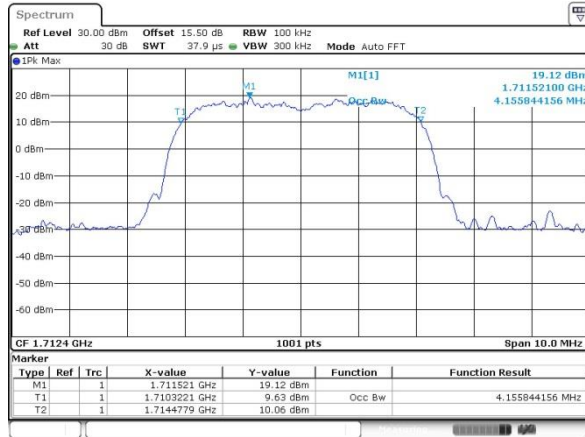


Date: 15 FEB 2021 18:07:41

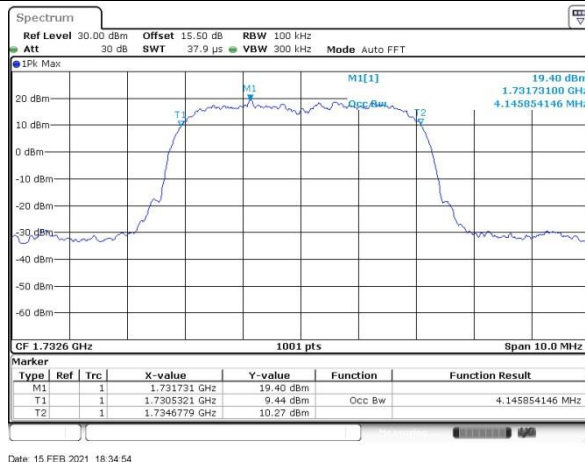


WCDMA Band IV (RMC 12.2Kbps)

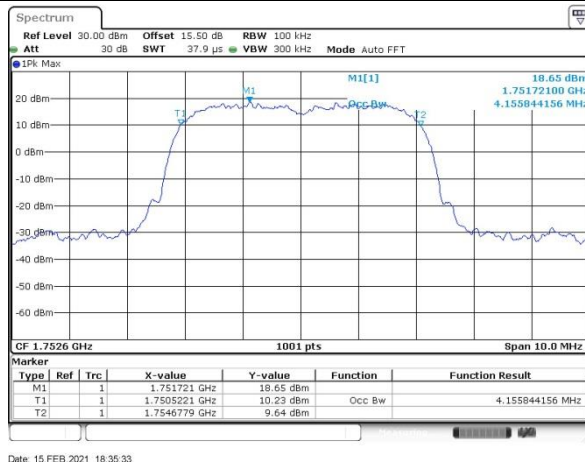
Lowest Channel



Middle Channel



Highest Channel

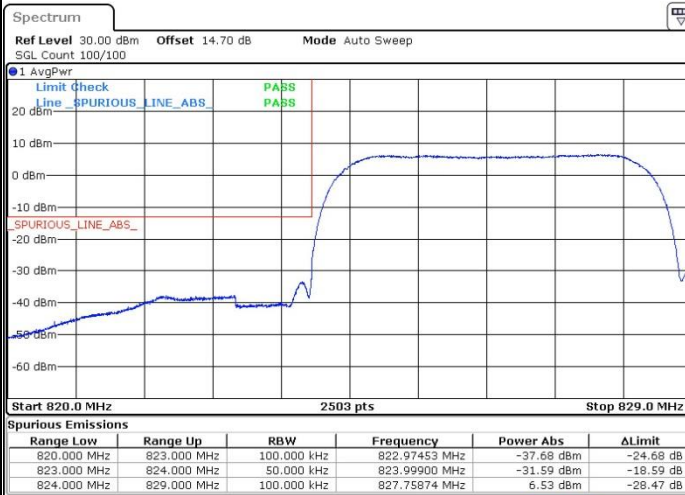




Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Date: 15 FEB 2021 17:33:52

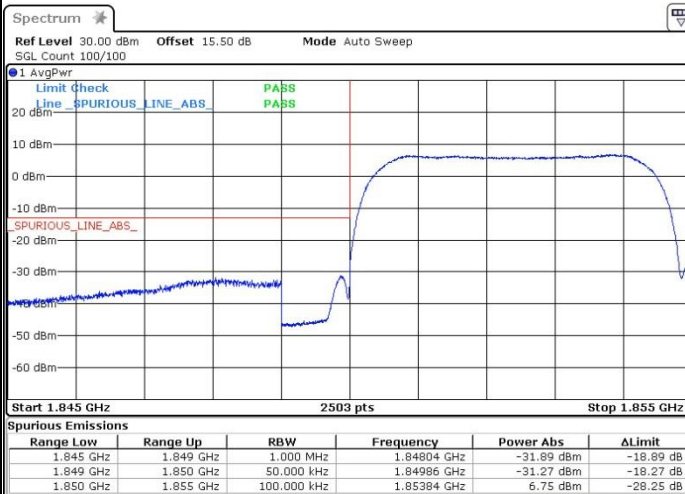
Highest Band Edge



Date: 15 FEB 2021 17:36:58

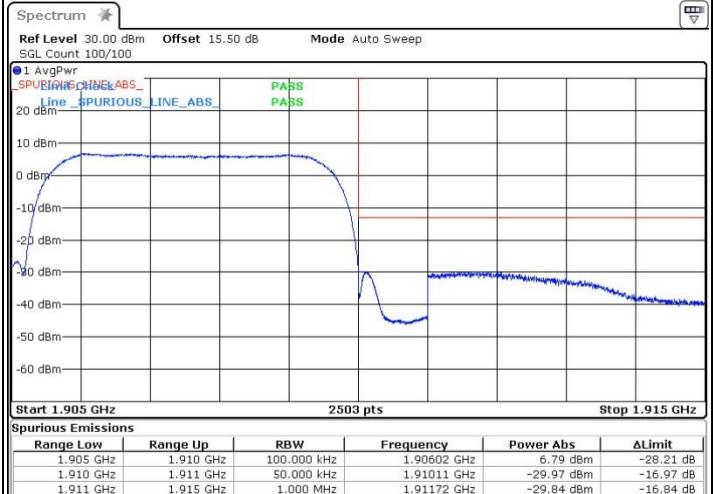
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Date: 15 FEB 2021 18:11:49

Highest Band Edge



Date: 15 FEB 2021 18:15:18



WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Date: 15.FEB.2021 18:38:35

Highest Band Edge



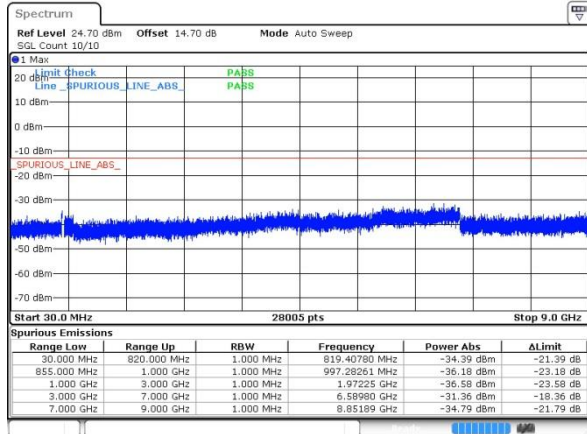
Date: 15.FEB.2021 18:41:46



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

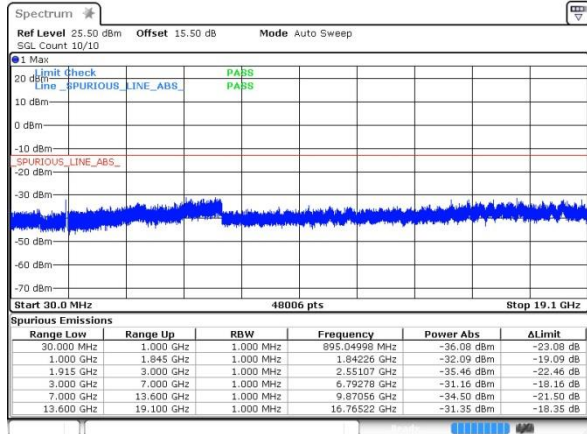
Lowest Channel



Date: 15 FEB 2021 17:38:38

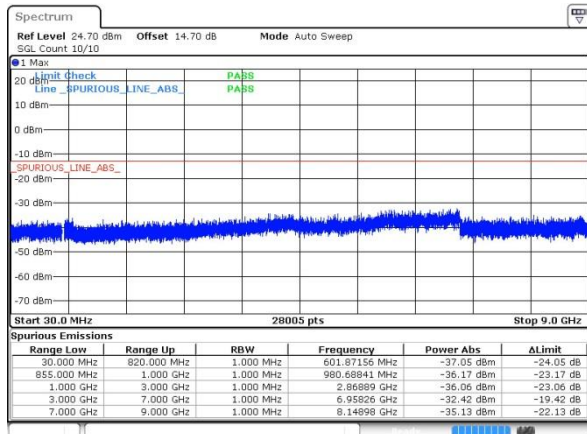
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



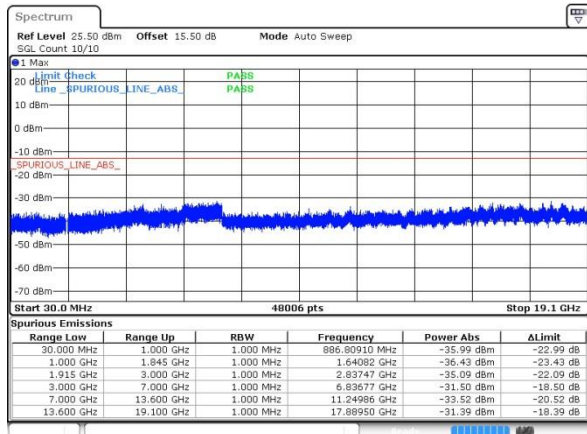
Date: 15 FEB 2021 18:17:02

Middle Channel



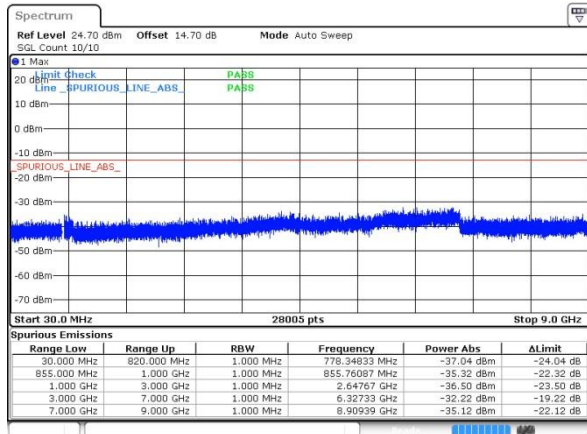
Date: 15 FEB 2021 17:40:09

Middle Channel



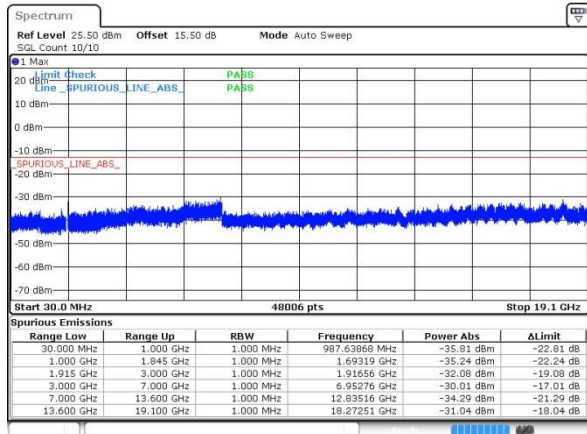
Date: 15 FEB 2021 18:18:30

Highest Channel



Date: 15 FEB 2021 17:41:51

Highest Channel

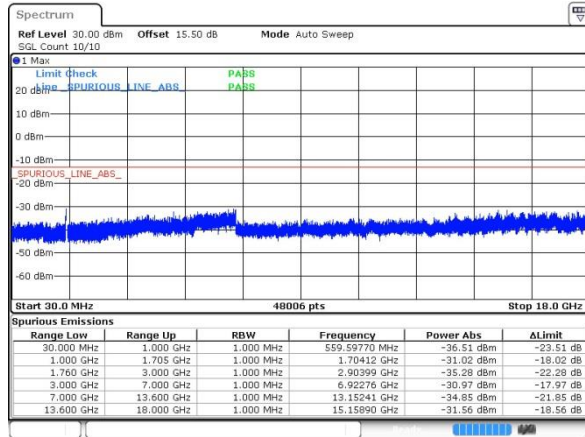


Date: 15 FEB 2021 18:20:24

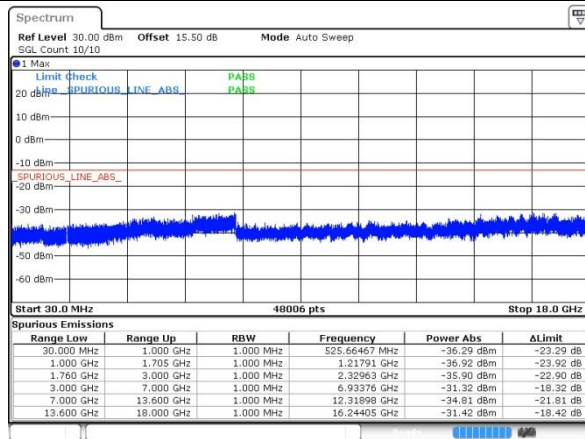


WCDMA Band IV (RMC 12.2Kbps)

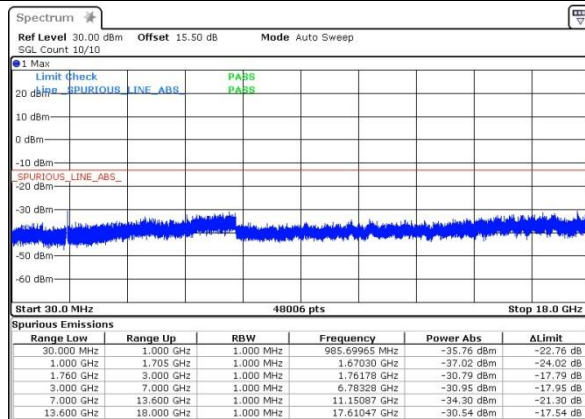
Lowest Channel



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	0.0383	PASS
40	Normal Voltage	0.0299	
30	Normal Voltage	0.0084	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0323	
0	Normal Voltage	0.0060	
-10	Normal Voltage	0.0359	
-20	Normal Voltage	0.0395	
-30	Normal Voltage	0.0108	
20	Maximum Voltage	0.0347	
20	Normal Voltage	0.0287	
20	Battery End Point	0.0036	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0117	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0154	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0176	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0096	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0144	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage = 3.87V ; Battery End Point (BEP) =3.6V ; Maximum Voltage =4.45V
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	0.0040	PASS
40	Normal Voltage	0.0156	
30	Normal Voltage	0.0121	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0040	
0	Normal Voltage	0.0173	
-10	Normal Voltage	0.0127	
-20	Normal Voltage	0.0196	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0144	
20	Battery End Point	0.0196	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) =3.6 V. ; 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

Pre-scanned harmonic for RSE testing, we choice worse case of antenna combination to full test.

GSM850 (GSM)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-49.77	-13	-36.77	-56.74	1.58	10.70	H
	2510	-42.89	-13	-29.89	-51.14	2.102	12.50	H
	3348	-59.87	-13	-46.87	-68.76	2.856	13.90	H
	1672	-43.52	-13	-30.52	-50.49	1.58	10.70	V
	2510	-39.93	-13	-26.93	-48.18	2.10	12.50	V
	3348	-60.33	-13	-47.33	-69.22	2.86	13.90	V

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

GSM850 (EDGE class 8)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-55.76	-13	-42.76	-62.73	1.58	10.70	H
	2510	-59.86	-13	-46.86	-68.11	2.102	12.50	H
	3348	-60.31	-13	-47.31	-69.20	2.856	13.90	H
	1672	-55.88	-13	-42.88	-62.85	1.58	10.70	V
	2510	-58.60	-13	-45.60	-66.85	2.10	12.50	V
	3348	-60.17	-13	-47.17	-69.06	2.86	13.90	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-54.48	-13	-41.48	-66.74	2.641	14.90	H
	5640	-42.52	-13	-29.52	-54.38	2.94	14.80	H
	7524	-54.95	-13	-41.95	-64.72	3.39	13.16	H
	3759	-55.77	-13	-42.77	-68.03	2.64	14.90	V
	5640	-43.15	-13	-30.15	-55.01	2.94	14.80	V
	7524	-55.17	-13	-42.17	-64.94	3.39	13.16	V

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



GSM1900 (EDGE class 8)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-57.14	-13	-44.14	-69.40	2.641	14.90	H
	5640	-52.99	-13	-39.99	-64.85	2.94	14.80	H
	7524	-53.28	-13	-40.28	-63.05	3.39	13.16	H
	3759	-57.24	-13	-44.24	-69.50	2.64	14.90	V
	5640	-53.75	-13	-40.75	-65.61	2.94	14.80	V
	7524	-53.19	-13	-40.19	-62.96	3.39	13.16	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-65.56	-13	-52.56	-72.53	1.58	10.70	H
	2510	-59.52	-13	-46.52	-67.77	2.102	12.50	H
	3348	-60.05	-13	-47.05	-68.94	2.856	13.90	H
	1672	-64.20	-13	-51.20	-71.17	1.58	10.70	V
	2510	-58.58	-13	-45.58	-66.83	2.10	12.50	V
	3348	-60.24	-13	-47.24	-69.13	2.86	13.90	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-56.69	-13	-43.69	-68.95	2.64	14.90	H
	5640	-51.45	-13	-38.45	-63.31	2.94	14.80	H
	7524	-53.00	-13	-40.00	-62.77	3.39	13.16	H
	3759	-56.90	-13	-43.90	-69.16	2.64	14.90	V
	5640	-50.94	-13	-37.94	-62.80	2.94	14.80	V
	7524	-53.14	-13	-40.14	-62.91	3.39	13.16	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-58.08	-13	-45.08	-68.82	2.604	13.34	H
	5199	-51.45	-13	-38.45	-61.96	3.011	13.52	H
	6930	-54.31	-13	-41.31	-64.51	3.271	13.47	H
	3465	-58.25	-13	-45.25	-68.99	2.604	13.34	V
	5199	-51.85	-13	-38.85	-62.36	3.011	13.52	V
	6930	-54.66	-13	-41.66	-64.86	3.271	13.47	V

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