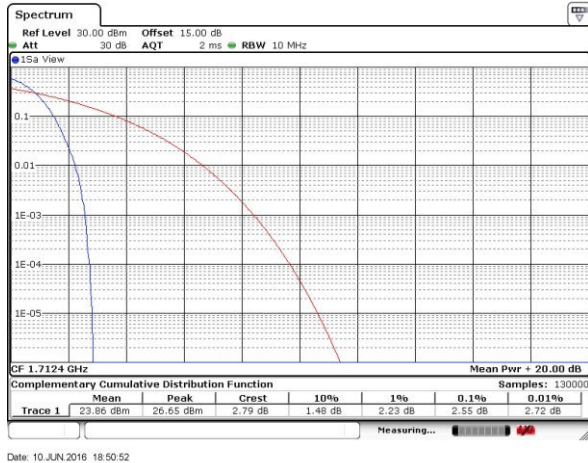


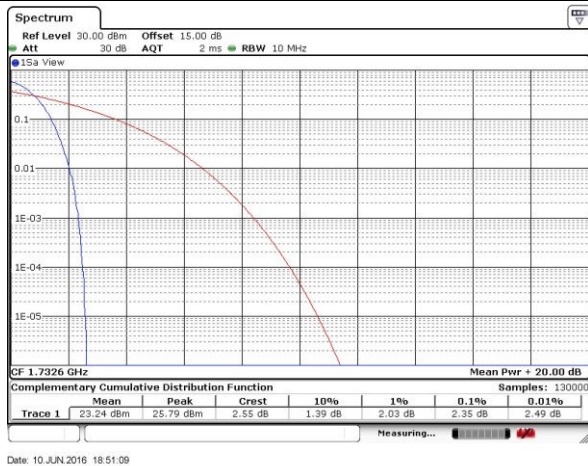


WCDMA Band IV (RMC 12.2Kbps)

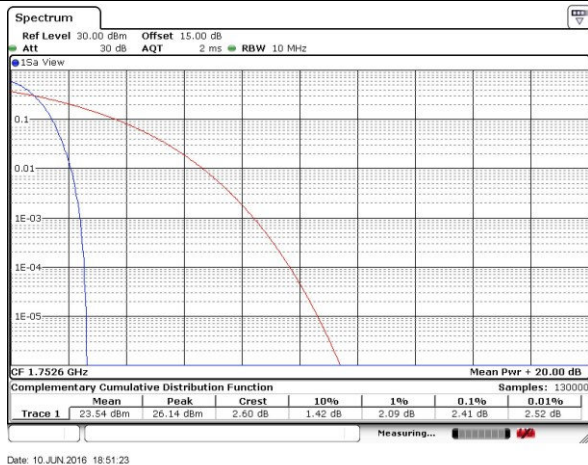
Lowest Channel



Middle Channel



Highest Channel



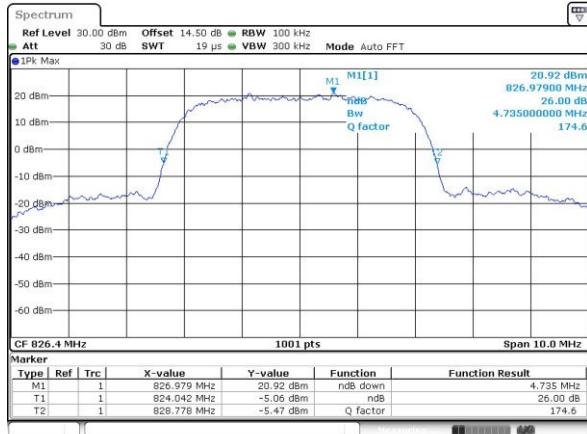
**26dB Bandwidth**

Mode	WCDMA Band V(MHz)	WCDMA Band II(MHz)	WCDMA Band IV(MHz)
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.74	4.72	4.75
Middle CH	4.75	4.72	4.77
Highest CH	4.72	4.72	4.78



WCDMA Band V (RMC 12.2Kbps)

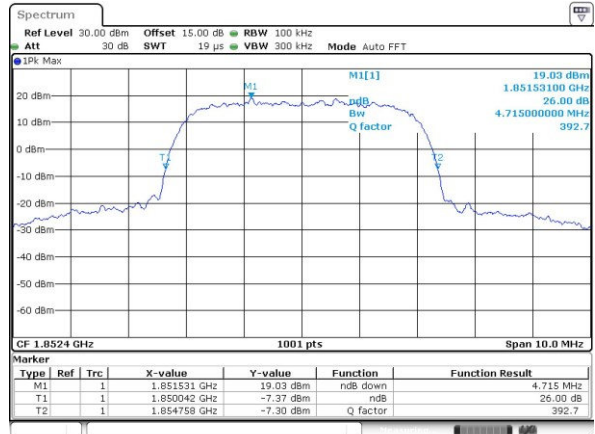
Lowest Channel



Date: 10 JUN 2016 16:55:21

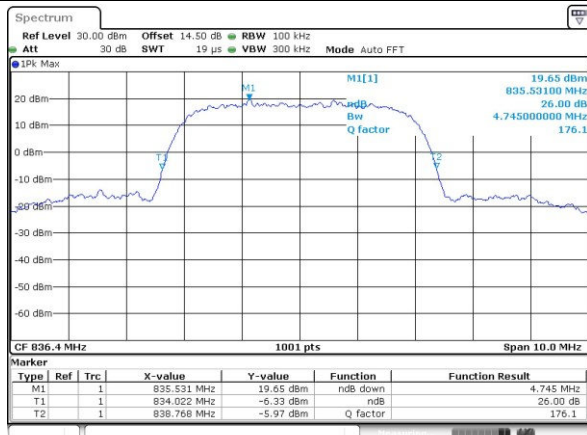
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



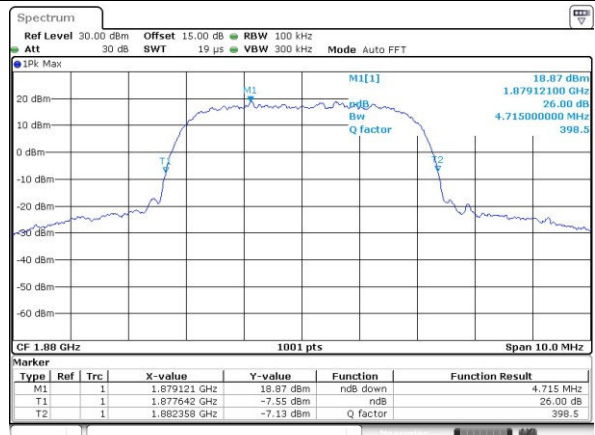
Date: 10 JUN 2016 17:24:21

Middle Channel



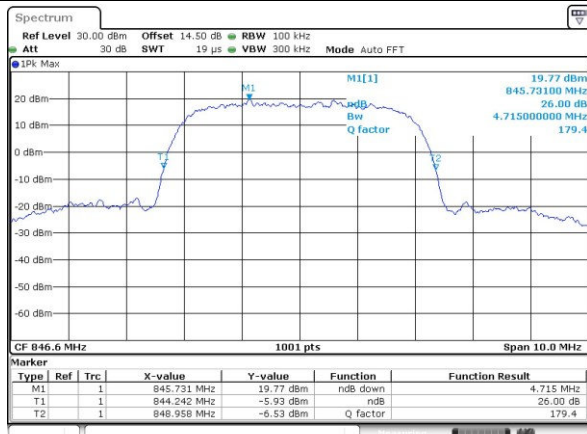
Date: 10 JUN 2016 16:56:16

Middle Channel



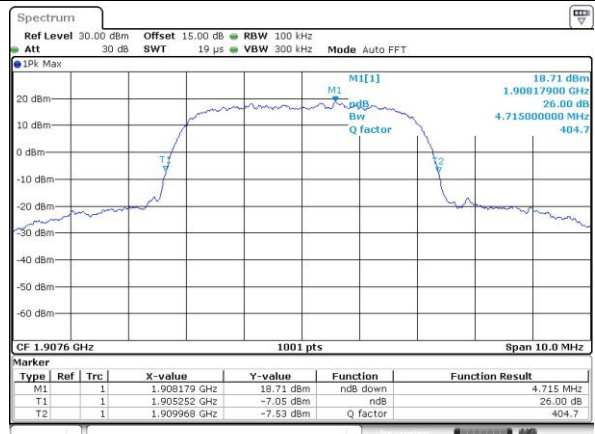
Date: 10 JUN 2016 17:25:05

Highest Channel

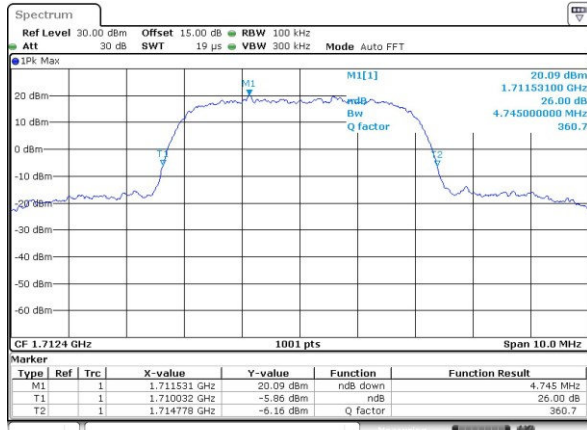


Date: 10 JUN 2016 16:56:52

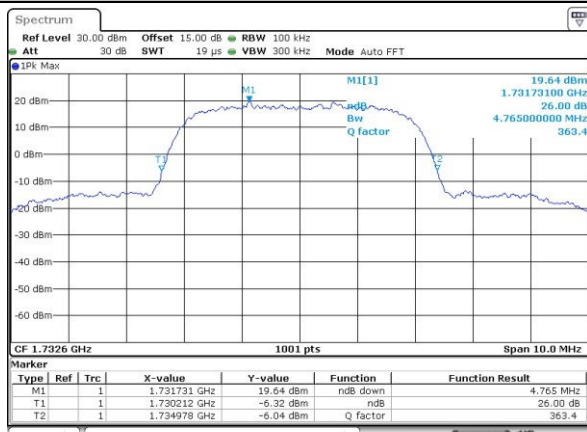
Highest Channel



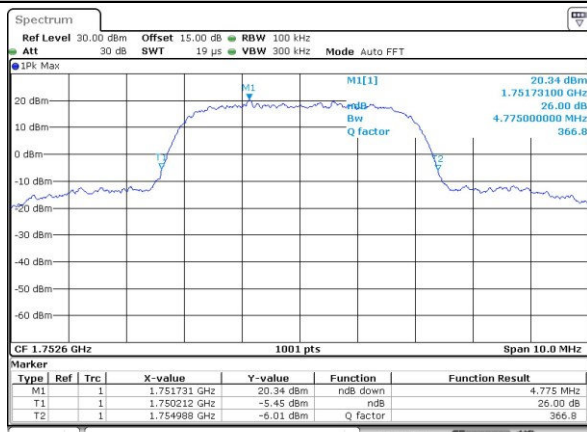
Date: 10 JUN 2016 17:25:40

**WCDMA Band IV (RMC 12.2Kbps)****Lowest Channel**

Date: 10 JUN 2016 17:46:37

Middle Channel

Date: 10 JUN 2016 17:47:21

Highest Channel

Date: 10 JUN 2016 17:47:58

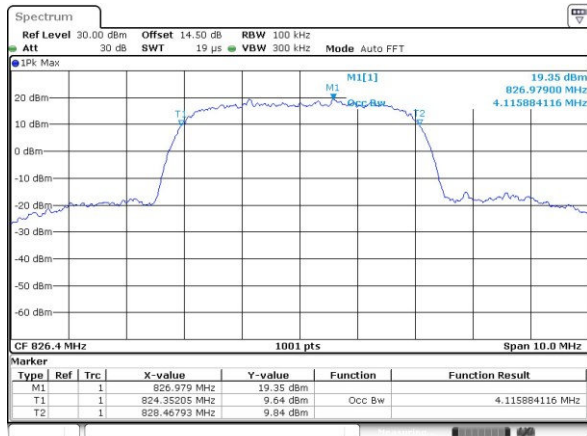
**Occupied Bandwidth**

Mode	WCDMA Band V(MHz)	WCDMA Band II(MHz)	WCDMA Band IV(MHz)
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.12	4.12	4.12
Middle CH	4.13	4.11	4.14
Highest CH	4.12	4.11	4.14



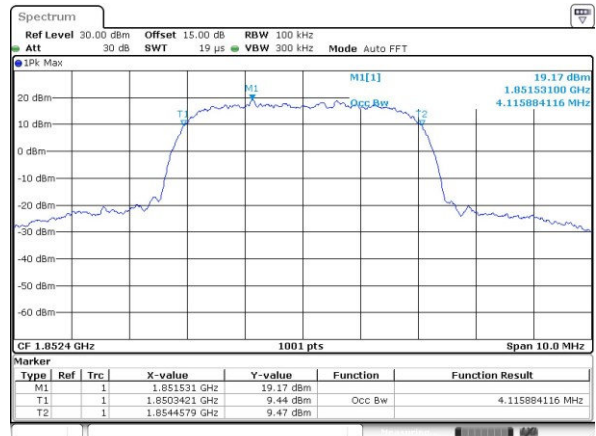
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

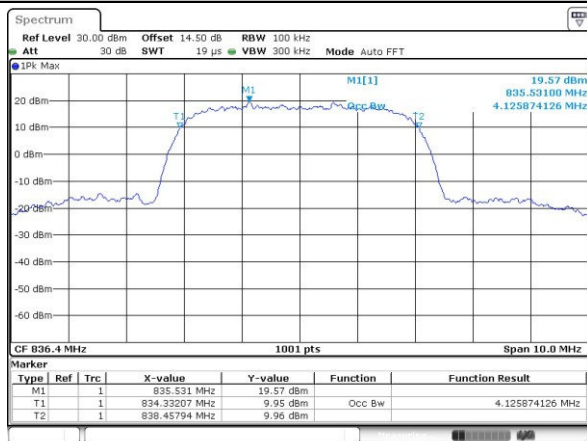


WCDMA Band II (RMC 12.2Kbps)

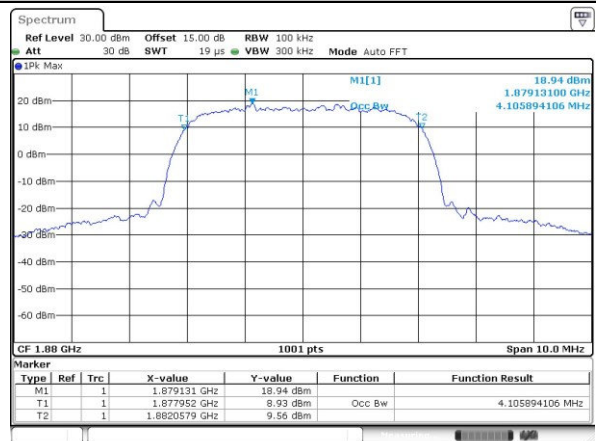
Lowest Channel



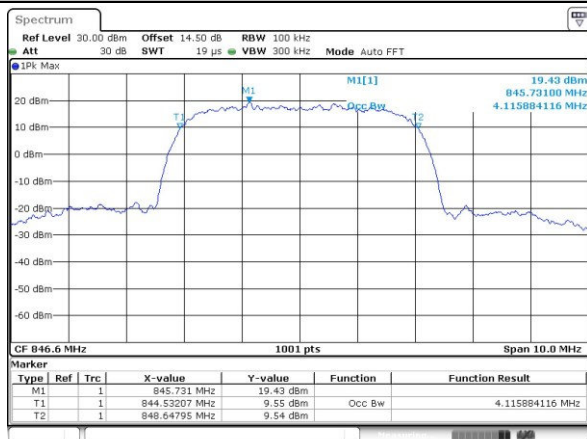
Middle Channel



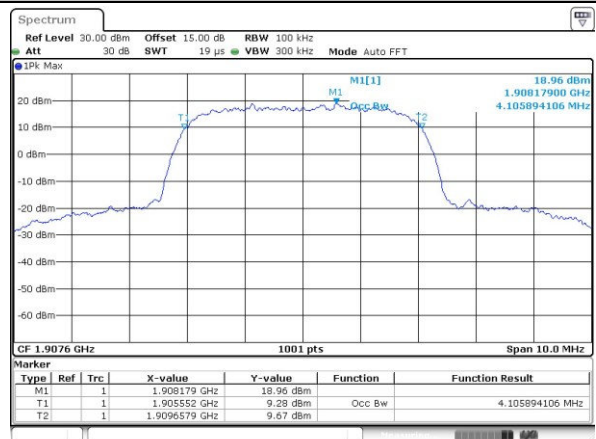
Middle Channel

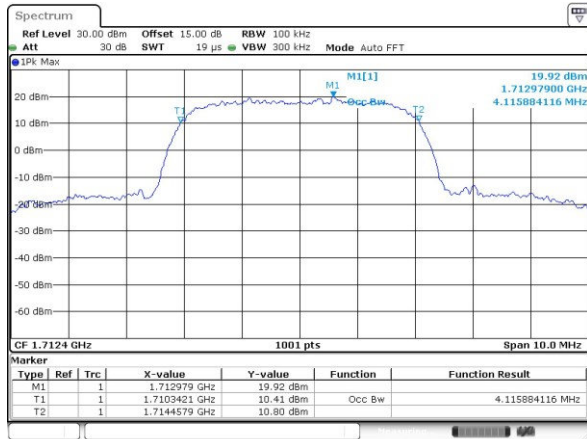
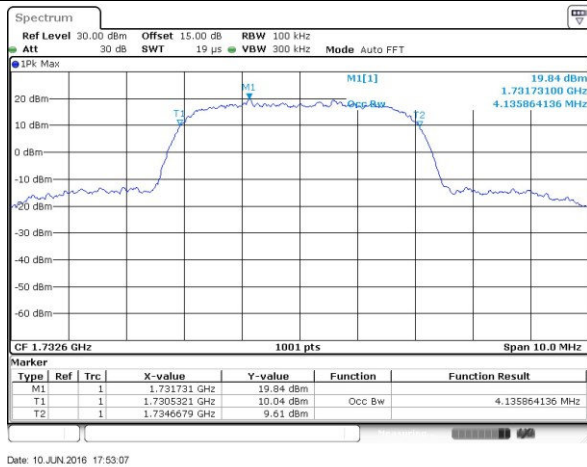
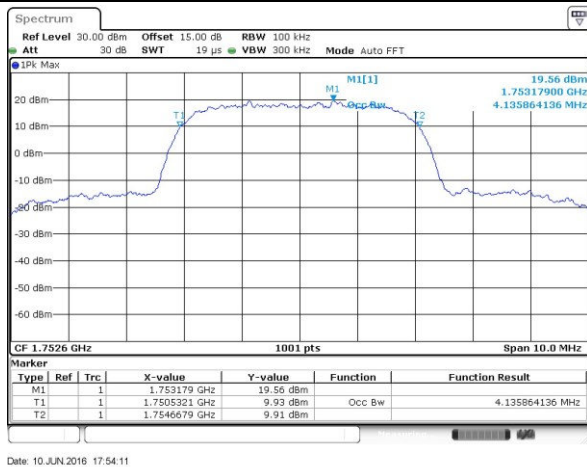


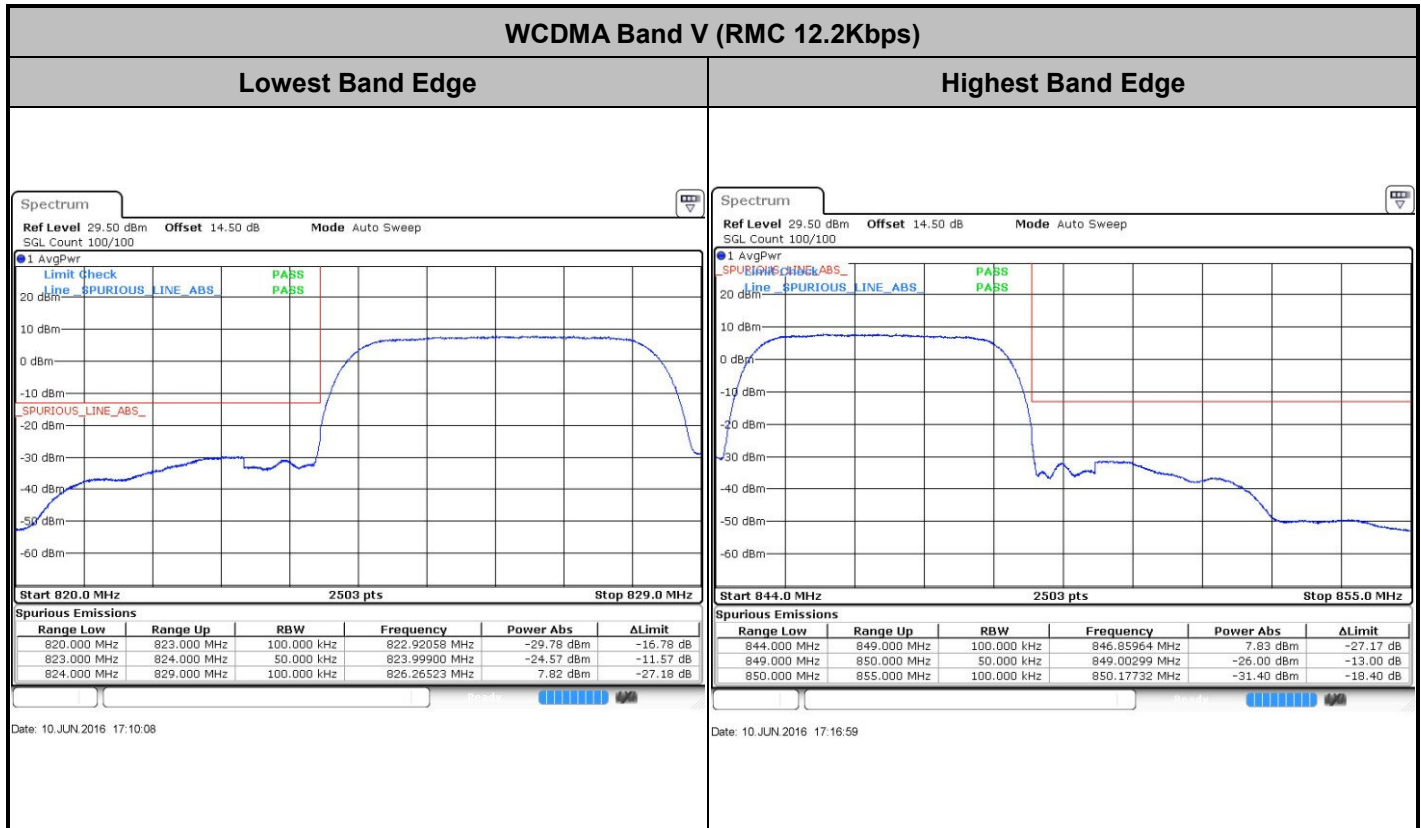
Highest Channel



Highest Channel



**WCDMA Band IV (RMC 12.2Kbps)****Lowest Channel****Middle Channel****Highest Channel**

**Conducted Band Edge**



WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



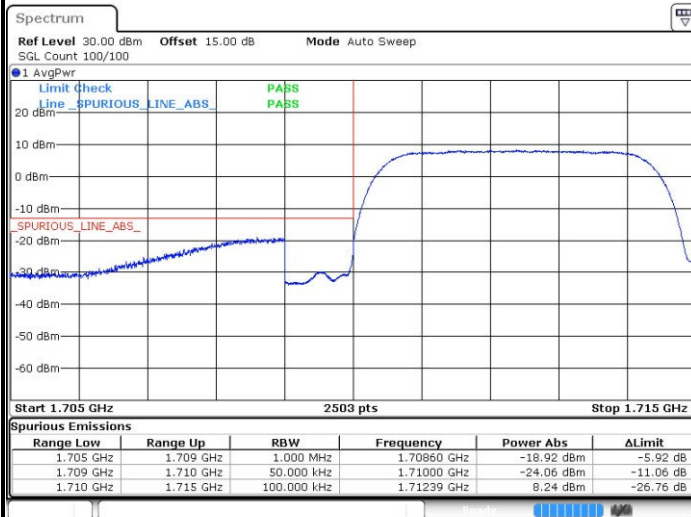
Highest Band Edge





WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Highest Band Edge

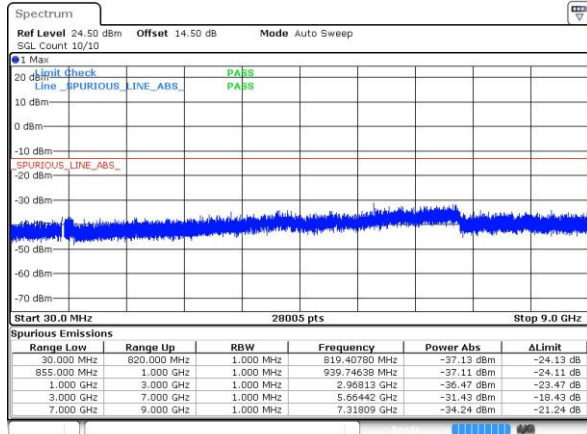




Conducted Spurious Emission

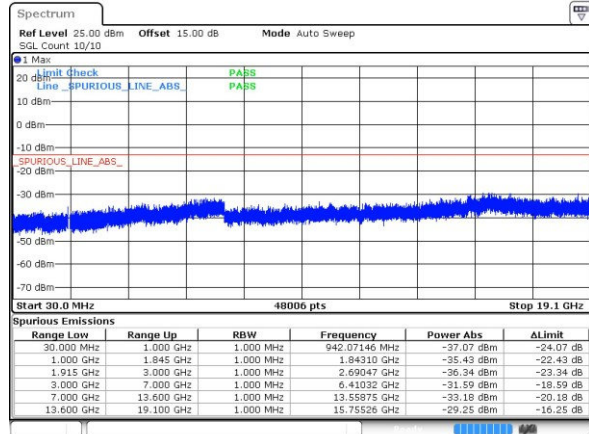
WCDMA Band V (RMC 12.2Kbps)

Lowest Channel

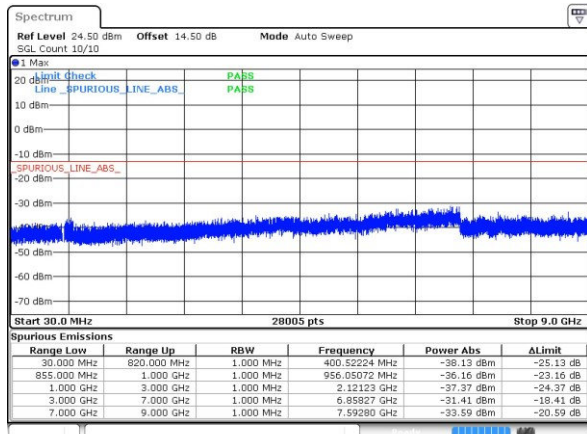


WCDMA Band II (RMC 12.2Kbps)

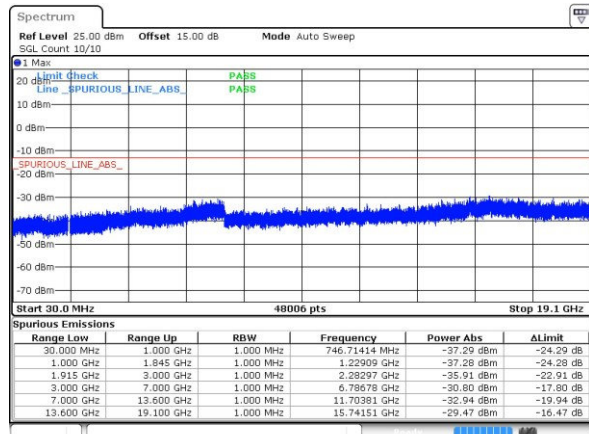
Lowest Channel



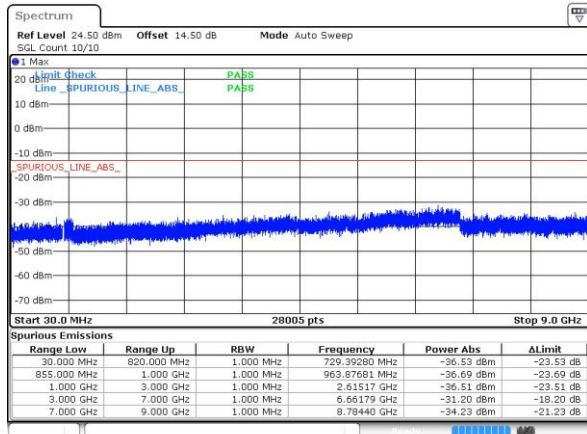
Middle Channel



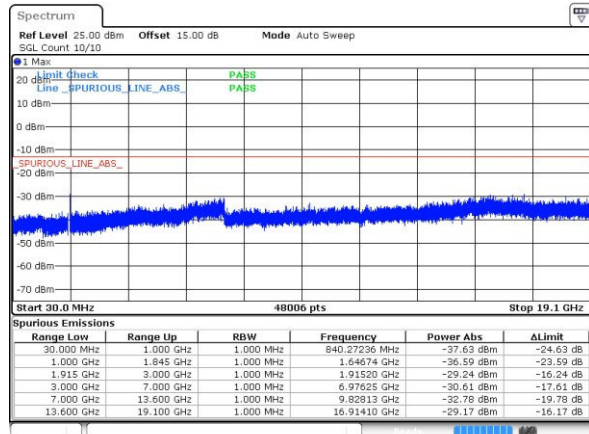
Middle Channel



Highest Channel



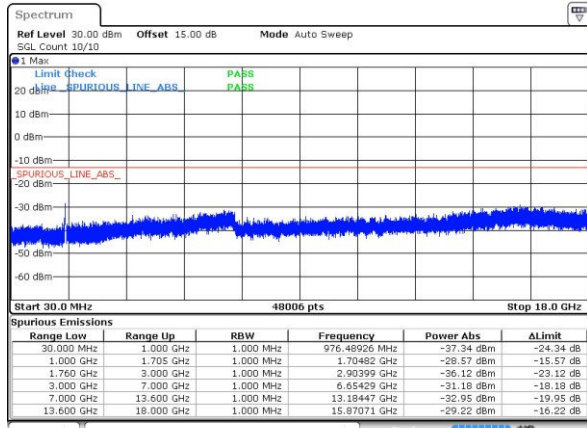
Highest Channel





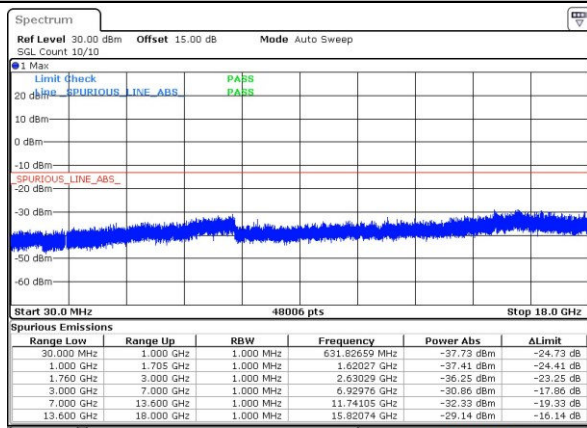
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



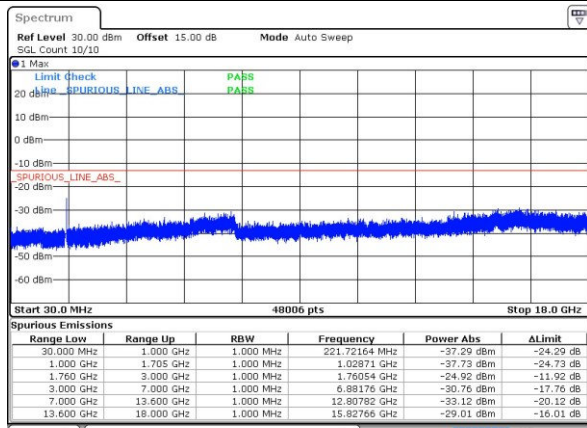
Date: 10 JUN 2016 18:52:51

Middle Channel



Date: 10 JUN 2016 18:54:15

Highest Channel



Date: 10 JUN 2016 18:55:37

**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	0.0012	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0359	
0	Normal Voltage	0.0646	
-10	Normal Voltage	0.0586	
-20	Normal Voltage	0.0120	
-30	Normal Voltage	0.0060	
20	Maximum Voltage	0.0227	
20	Normal Voltage	0.0036	
20	Battery End Point	0.0717	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.2 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0080	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0059	
-20	Normal Voltage	0.0043	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0149	
20	Normal Voltage	0.0043	
20	Battery End Point	0.0064	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 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.



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	0.0012	
30	Normal Voltage	0.0092	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0040	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0260	
-30	Normal Voltage	0.0294	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0058	
20	Battery End Point	0.0087	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.7 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

ERP/EIRP

Channel	Mode	Horizontal		Vertical	
		ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	GSM850 GSM	27.11	0.5140	16.85	0.0484
Middle		27.92	0.6197	18.76	0.0751
Highest		28.19	0.6592	20.34	0.1081
Lowest	GSM850 EDGE class 8	20.21	0.1050	9.78	0.0095
Middle		21.01	0.1262	11.85	0.0153
Highest		21.61	0.1449	13.73	0.0236
Lowest	WCDMA Band V RMC 12.2Kbps	18.13	0.0650	8.16	0.0065
Middle		18.71	0.0744	9.59	0.0091
Highest		18.72	0.0745	10.73	0.0118
Limit	ERP < 7W	Result		PASS	



Channel	Mode	Horizontal		Vertical	
		EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	GSM1900 GSM	28.22	0.6637	24.89	0.3083
Middle		28.17	0.6556	25.31	0.3393
Highest		28.87	0.7709	26.12	0.4093
Lowest	GSM1900 EDGE class 8	23.12	0.2051	19.71	0.0935
Middle		23.31	0.2143	20.33	0.1079
Highest		23.25	0.2113	20.94	0.1242
Lowest	WCDMA Band II RMC 12.2Kbps	23.19	0.2084	19.66	0.0925
Middle		23.28	0.2129	19.72	0.0938
Highest		22.66	0.1845	19.15	0.0822
Limit	EIRP < 2W	Result		PASS	

Channel	Mode	Horizontal		Vertical	
		EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	WCDMA Band IV RMC 12.2Kbps	22.32	0.1706	17.99	0.0630
Middle		22.22	0.1667	17.12	0.0516
Highest		21.59	0.1442	16.64	0.0461
Limit	EIRP < 1W	Result		PASS	



Radiated Spurious Emission

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)
Lowest	1648.4	-45.40	-13	-32.40	-50.67	-52.09	0.56	9.40	H
	2472.6	-42.82	-13	-29.82	-51.46	-50.53	0.74	10.60	H
	3296.8	-54.54	-13	-41.54	-63.35	-64.14	0.85	12.60	H
	1648.4	-51.39	-13	-38.39	-54.57	-58.08	0.56	9.40	V
	2472.6	-37.40	-13	-24.40	-46.43	-45.11	0.74	10.60	V
	3296.8	-57.42	-13	-44.42	-65.56	-67.02	0.85	12.60	V
Middle	1672	-51.21	-13	-38.21	-54.91	-57.90	0.56	9.40	H
	2510	-52.07	-13	-39.07	-57.81	-59.78	0.74	10.60	H
	3346	-55.35	-13	-42.35	-64.16	-64.95	0.85	12.60	H
	1672	-54.31	-13	-41.31	-56.37	-61.00	0.56	9.40	V
	2510	-42.04	-13	-29.04	-50.42	-49.75	0.74	10.60	V
	3346	-57.17	-13	-44.17	-65.31	-66.77	0.85	12.60	V
Highest	1697.6	-56.56	-13	-43.56	-59.39	-63.25	0.56	9.40	H
	2546.4	-46.55	-13	-33.55	-54.26	-54.26	0.74	10.60	H
	3395.2	-55.68	-13	-42.68	-64.49	-65.28	0.85	12.60	H
	1697.6	-60.69	-13	-47.69	-62.35	-67.38	0.56	9.40	V
	2546.4	-43.02	-13	-30.02	-51.17	-50.73	0.74	10.60	V
	3395.2	-57.68	-13	-44.68	-65.82	-67.28	0.85	12.60	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1652.8	-45.59	-13	-32.59	-50.79	-52.28	0.56	9.40	H
	2479.2	-47.30	-13	-34.30	-54.69	-55.01	0.74	10.60	H
	3305.6	-53.47	-13	-40.47	-62.28	-63.07	0.85	12.60	H
	1652.8	-50.31	-13	-37.31	-53.83	-57.00	0.56	9.40	V
	2479.2	-44.42	-13	-31.42	-52.39	-52.13	0.74	10.60	V
	3305.6	-56.69	-13	-43.69	-64.83	-66.29	0.85	12.60	V
Middle	1672	-50.21	-13	-37.21	-54.04	-56.90	0.56	9.40	H
	2510	-53.69	-13	-40.69	-59.43	-61.40	0.74	10.60	H
	3346	-55.65	-13	-42.65	-64.46	-65.25	0.85	12.60	H
	1672	-56.78	-13	-43.78	-58.44	-63.47	0.56	9.40	V
	2510	-42.85	-13	-29.85	-51.04	-50.56	0.74	10.60	V
	3346	-57.18	-13	-44.18	-65.32	-66.78	0.85	12.60	V
Highest	1697.6	-55.89	-13	-42.89	-58.72	-62.58	0.56	9.40	H
	2546.4	-50.68	-13	-37.68	-56.89	-58.39	0.74	10.60	H
	3395.2	-55.99	-13	-42.99	-64.80	-65.59	0.85	12.60	H
	1697.6	-59.68	-13	-46.68	-61.34	-66.37	0.56	9.40	V
	2546.4	-39.94	-13	-26.94	-48.66	-47.65	0.74	10.60	V
	3395.2	-57.02	-13	-44.02	-65.16	-66.62	0.85	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)
Lowest	3700.4	-47.12	-13	-34.12	-60.67	-53.16	6.56	12.60	H
	5550.6	-51.74	-13	-38.74	-67.68	-56.84	8	13.10	H
	7400.8	-47.94	-13	-34.94	-66.68	-49.67	9.57	11.30	H
	3700.4	-45.30	-13	-32.30	-58.65	-51.34	6.56	12.6	V
	5550.6	-50.30	-13	-37.30	-67.65	-55.40	8	13.1	V
	7400.8	-48.27	-13	-35.27	-66.67	-50.00	9.57	11.3	V
Middle	3760	-52.71	-13	-39.71	-66.26	-58.75	6.56	12.60	H
	5640	-51.00	-13	-38.00	-66.94	-56.10	8	13.10	H
	7520	-48.21	-13	-35.21	-66.95	-49.94	9.57	11.30	H
	3760	-52.47	-13	-39.47	-65.82	-58.51	6.56	12.6	V
	5640	-50.36	-13	-37.36	-67.71	-55.46	8	13.1	V
	7520	-48.14	-13	-35.14	-66.54	-49.87	9.57	11.3	V
Highest	3819.6	-52.22	-13	-39.22	-65.77	-58.26	6.56	12.60	H
	5729.4	-51.91	-13	-38.91	-67.85	-57.01	8	13.10	H
	7639.2	-48.00	-13	-35.00	-66.74	-49.73	9.57	11.30	H
	3819.6	-51.16	-13	-38.16	-64.51	-57.20	6.56	12.6	V
	5729.4	-50.80	-13	-37.80	-68.15	-55.90	8	13.1	V
	7639.2	-48.31	-13	-35.31	-66.71	-50.04	9.57	11.3	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)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.4	-53.22	-13	-40.22	-66.77	-59.26	6.56	12.60	H
	5550.6	-52.33	-13	-39.33	-68.27	-57.43	8	13.10	H
	7400.8	-47.90	-13	-34.90	-66.64	-49.63	9.57	11.30	H
	3700.4	-53.57	-13	-40.57	-66.92	-59.61	6.56	12.6	V
	5550.6	-49.97	-13	-36.97	-67.32	-55.07	8	13.1	V
	7400.8	-48.17	-13	-35.17	-66.57	-49.90	9.57	11.3	V
Middle	3760	-53.36	-13	-40.36	-66.91	-59.40	6.56	12.60	H
	5640	-52.28	-13	-39.28	-68.22	-57.38	8	13.10	H
	7520	-48.46	-13	-35.46	-67.20	-50.19	9.57	11.30	H
	3760	-53.83	-13	-40.83	-67.18	-59.87	6.56	12.6	V
	5640	-50.61	-13	-37.61	-67.96	-55.71	8	13.1	V
	7520	-48.40	-13	-35.40	-66.8	-50.13	9.57	11.3	V
Highest	3819.6	-52.43	-13	-39.43	-65.98	-58.47	6.56	12.60	H
	5729.4	-50.55	-13	-37.55	-66.49	-55.65	8	13.10	H
	7639.2	-47.58	-13	-34.58	-66.32	-49.31	9.57	11.30	H
	3819.6	-53.45	-13	-40.45	-66.8	-59.49	6.56	12.6	V
	5729.4	-49.81	-13	-36.81	-67.16	-54.91	8	13.1	V
	7639.2	-47.97	-13	-34.97	-66.37	-49.70	9.57	11.3	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)
Lowest	1652.8	-62.40	-13	-49.40	-65.23	-69.09	0.56	9.40	H
	2479.2	-60.37	-13	-47.37	-66.11	-68.08	0.74	10.60	H
	3305.6	-57.58	-13	-44.58	-66.39	-67.18	0.85	12.60	H
	1652.8	-63.80	-13	-50.80	-65.46	-70.49	0.56	9.40	V
	2479.2	-59.93	-13	-46.93	-65.51	-67.64	0.74	10.60	V
	3305.6	-57.15	-13	-44.15	-65.29	-66.75	0.85	12.60	V
Middle	1672	-62.72	-13	-49.72	-65.55	-69.41	0.56	9.40	H
	2510	-60.80	-13	-47.80	-66.54	-68.51	0.74	10.60	H
	3346	-56.91	-13	-43.91	-65.72	-66.51	0.85	12.60	H
	1672	-64.21	-13	-51.21	-65.87	-70.90	0.56	9.40	V
	2510	-60.79	-13	-47.79	-66.37	-68.50	0.74	10.60	V
	3346	-57.81	-13	-44.81	-65.95	-67.41	0.85	12.60	V
Highest	1693.2	-61.74	-13	-48.74	-64.57	-68.43	0.56	9.40	H
	2539.8	-61.01	-13	-48.01	-66.75	-68.72	0.74	10.60	H
	3386.4	-56.88	-13	-43.88	-65.69	-66.48	0.85	12.60	H
	1693.2	-64.10	-13	-51.10	-65.76	-70.79	0.56	9.40	V
	2539.8	-61.03	-13	-48.03	-66.61	-68.74	0.74	10.60	V
	3386.4	-57.47	-13	-44.47	-65.61	-67.07	0.85	12.60	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)
Lowest	3704.8	-52.19	-13	-39.19	-65.74	-58.23	6.56	12.60	H
	5557.2	-51.71	-13	-38.71	-67.65	-56.81	8	13.10	H
	7409.6	-48.30	-13	-35.30	-67.04	-50.03	9.57	11.30	H
	3704.8	-52.83	-13	-39.83	-66.18	-58.87	6.56	12.6	V
	5557.2	-50.86	-13	-37.86	-68.21	-55.96	8	13.1	V
	7409.6	-48.76	-13	-35.76	-67.16	-50.49	9.57	11.3	V
Middle	3760	-52.65	-13	-39.65	-66.20	-58.69	6.56	12.60	H
	5640	-50.58	-13	-37.58	-66.52	-55.68	8	13.10	H
	7520	-47.85	-13	-34.85	-66.59	-49.58	9.57	11.30	H
	3760	-52.69	-13	-39.69	-66.04	-58.73	6.56	12.6	V
	5640	-50.45	-13	-37.45	-67.8	-55.55	8	13.1	V
	7520	-48.54	-13	-35.54	-66.94	-50.27	9.57	11.3	V
Highest	3815.2	-52.36	-13	-39.36	-65.91	-58.40	6.56	12.60	H
	5722.8	-50.58	-13	-37.58	-66.52	-55.68	8	13.10	H
	7630.4	-47.74	-13	-34.74	-66.48	-49.47	9.57	11.30	H
	3815.2	-52.60	-13	-39.60	-65.95	-58.64	6.56	12.6	V
	5722.8	-49.20	-13	-36.20	-66.55	-54.30	8	13.1	V
	7630.4	-48.07	-13	-35.07	-66.47	-49.80	9.57	11.3	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)
Lowest	3424.8	-51.41	-13	-38.41	-66.16	-57.83	6.18	12.60	H
	5137.2	-48.63	-13	-35.63	-66.63	-53.59	7.74	12.70	H
	6849.6	-49.57	-13	-36.57	-68.38	-52.27	9	11.70	H
	3424.8	-53.70	-13	-40.70	-64.65	-60.12	6.18	12.60	V
	5137.2	-54.12	-13	-41.12	-67.12	-59.08	7.74	12.70	V
	6849.6	-50.75	-13	-37.75	-67.46	-53.45	9	11.70	V
Middle	3465.2	-50.74	-13	-37.74	-65.49	-57.16	6.18	12.60	H
	5197.8	-47.87	-13	-34.87	-65.87	-52.83	7.74	12.70	H
	6930.4	-49.13	-13	-36.13	-67.94	-51.83	9	11.70	H
	3465.2	-54.80	-13	-41.80	-65.75	-61.22	6.18	12.60	V
	5197.8	-54.20	-13	-41.20	-67.2	-59.16	7.74	12.70	V
	6930.4	-51.13	-13	-38.13	-67.84	-53.83	9	11.70	V
Highest	3505.2	-48.78	-13	-35.78	-63.53	-55.20	6.18	12.60	H
	5257.8	-49.14	-13	-36.14	-67.14	-54.10	7.74	12.70	H
	7010.4	-49.15	-13	-36.15	-67.96	-51.85	9	11.70	H
	3505.2	-54.88	-13	-41.88	-65.83	-61.30	6.18	12.60	V
	5257.8	-54.73	-13	-41.73	-67.73	-59.69	7.74	12.70	V
	7010.4	-51.09	-13	-38.09	-67.8	-53.79	9	11.70	V

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