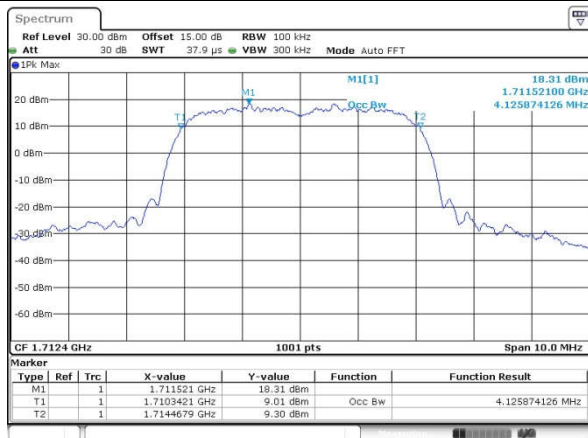
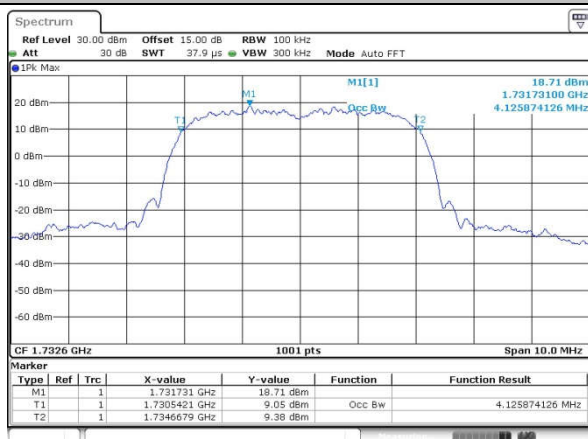


WCDMA Band IV (RMC 12.2Kbps)



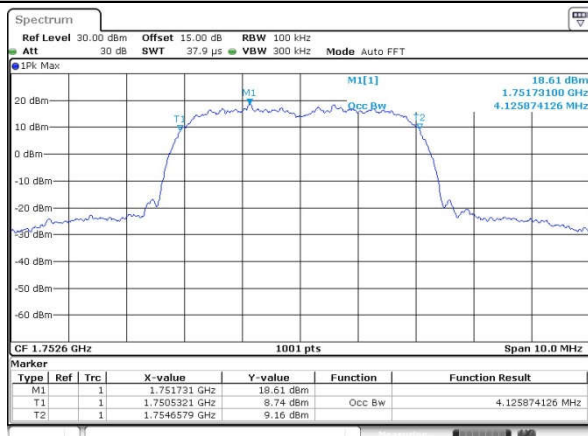
Date: 26.OCT.2016 17:01:42

Middle Channel

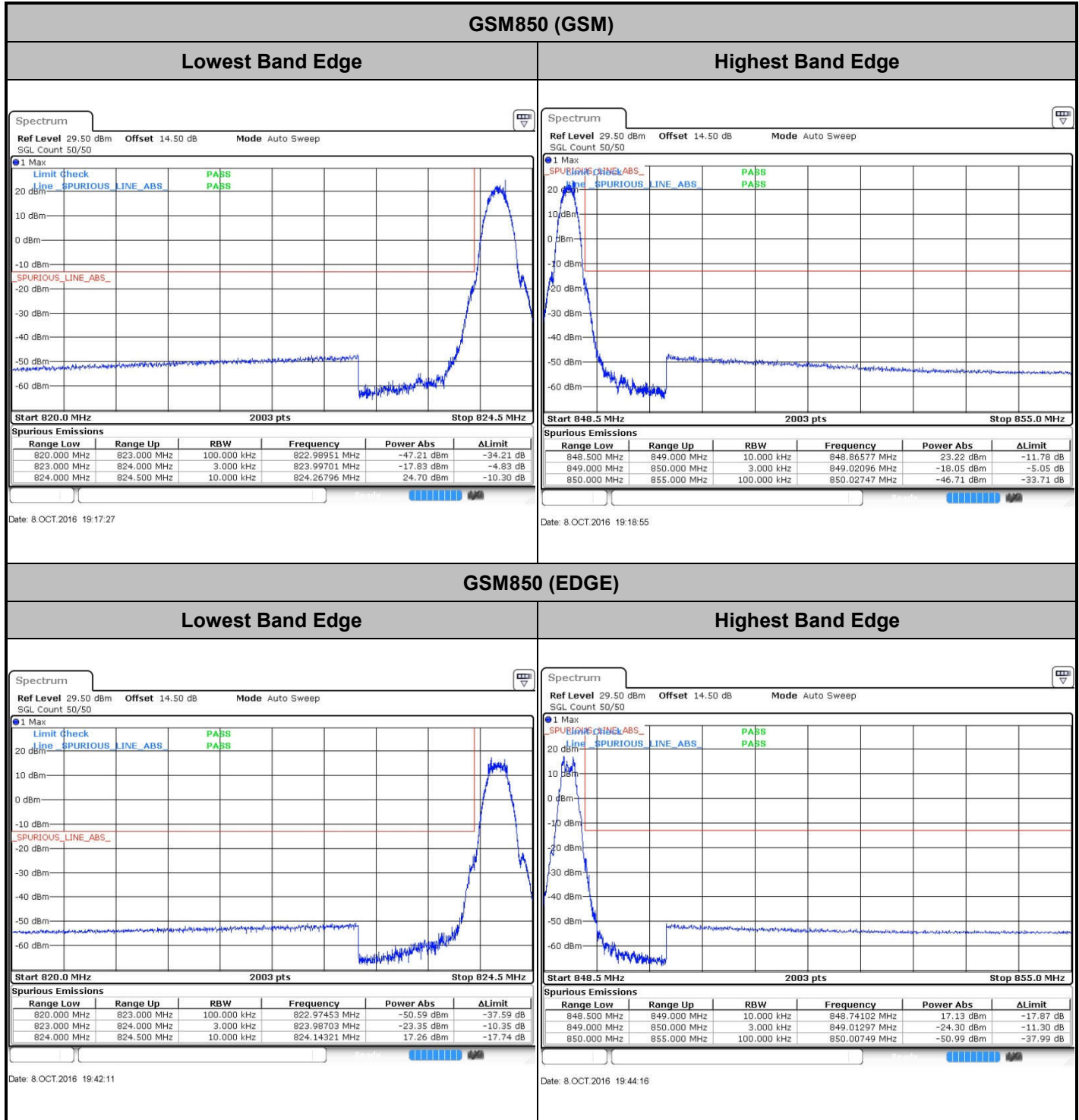


Date: 26.OCT.2016 17:02:20

Highest Channel



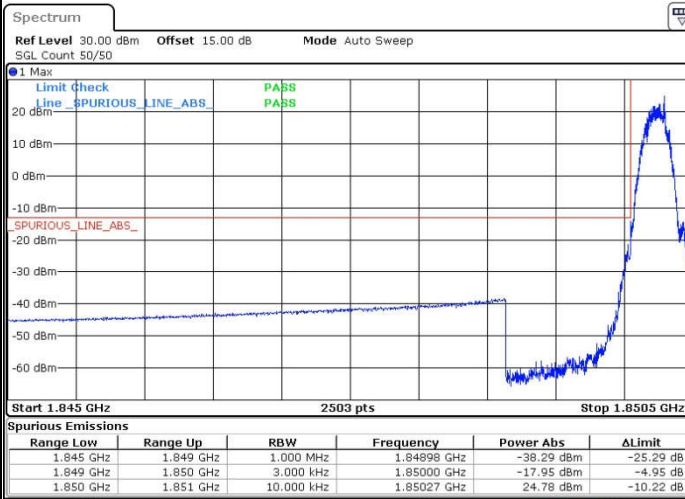
Date: 26.OCT.2016 17:02:58

**Conducted Band Edge**



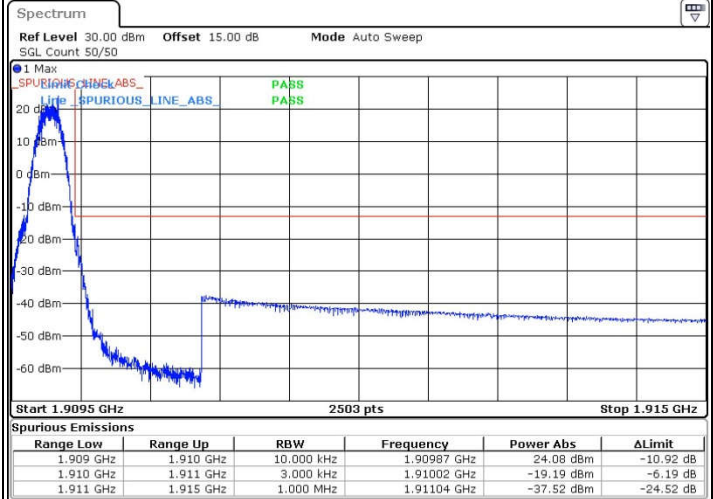
GSM1900 (GSM)

Lowest Band Edge



Date: 8.OCT.2016 20:34:34

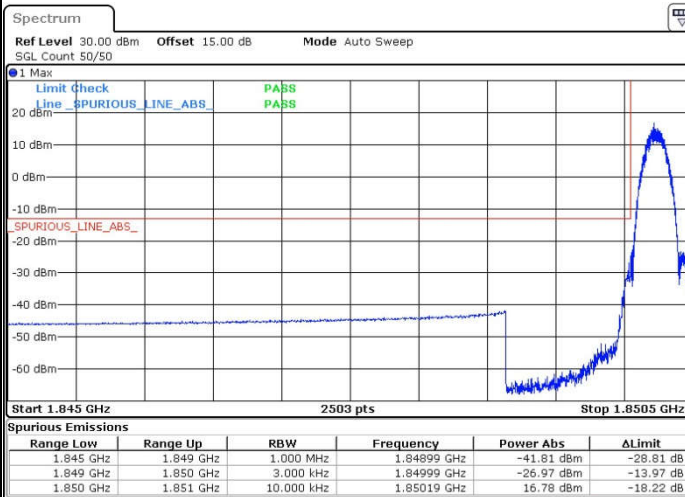
Highest Band Edge



Date: 8.OCT.2016 20:36:01

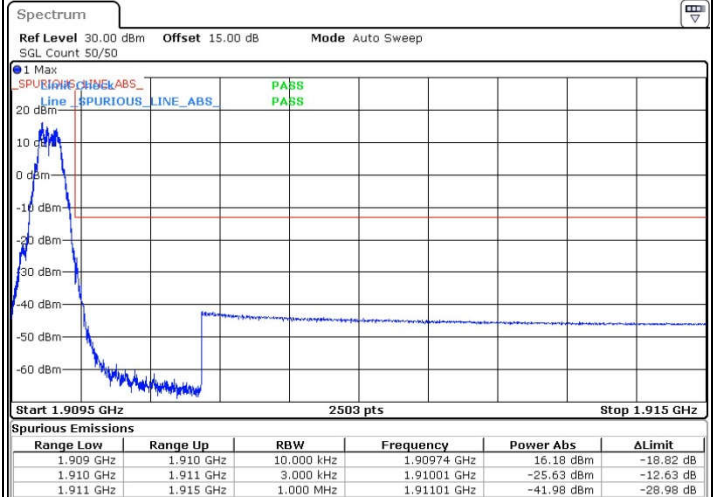
GSM1900 (EDGE)

Lowest Band Edge



Date: 8.OCT.2016 20:09:36

Highest Band Edge

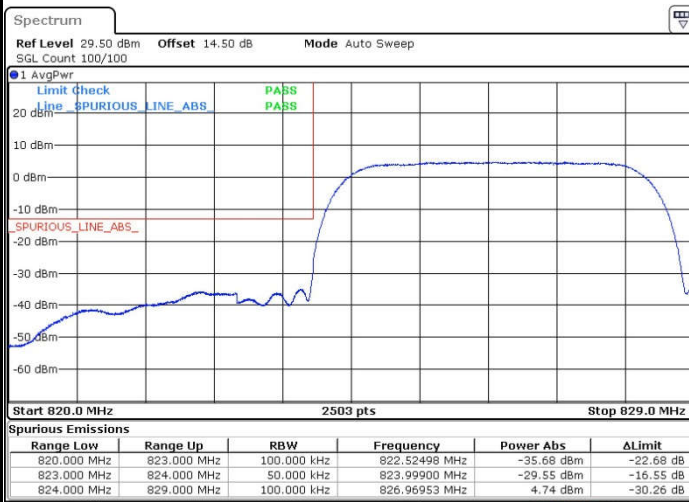


Date: 8.OCT.2016 20:17:45

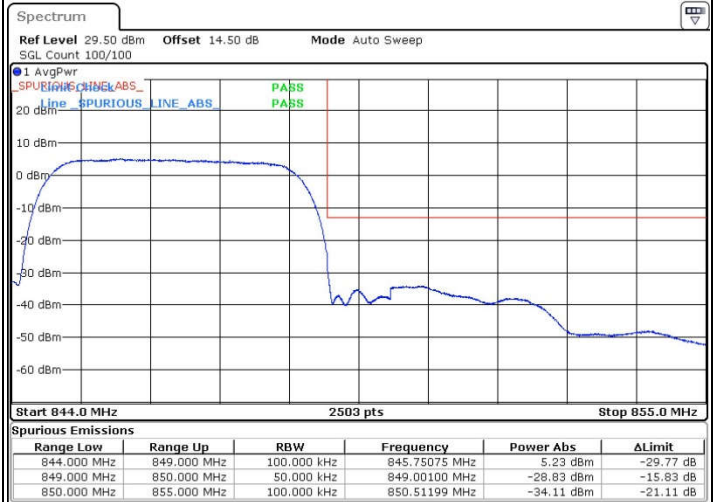


WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

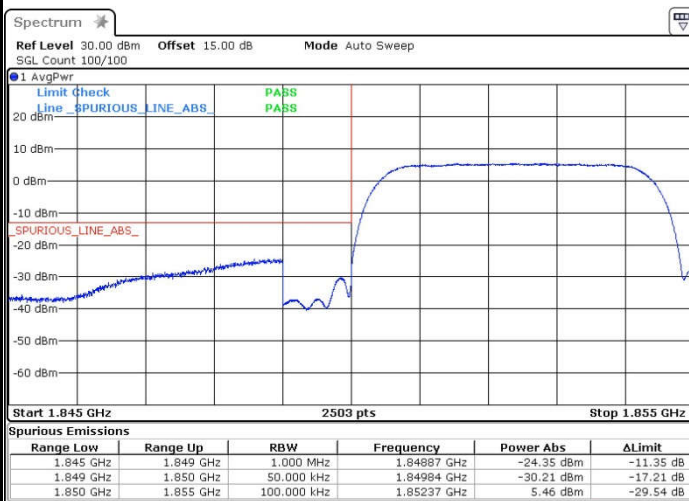


Highest Band Edge

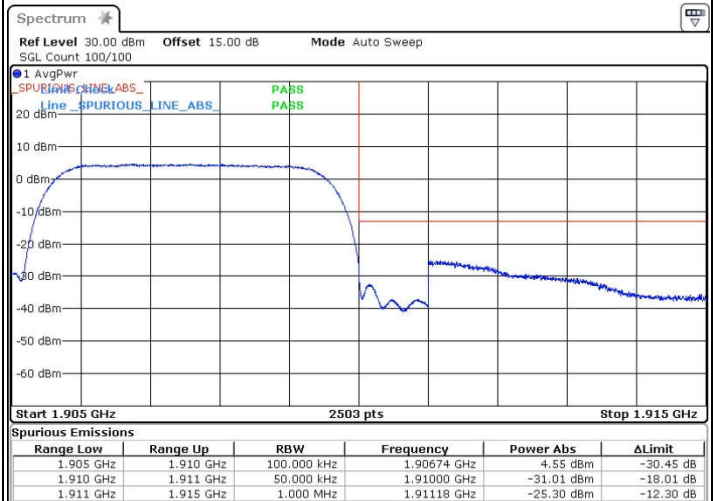


WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



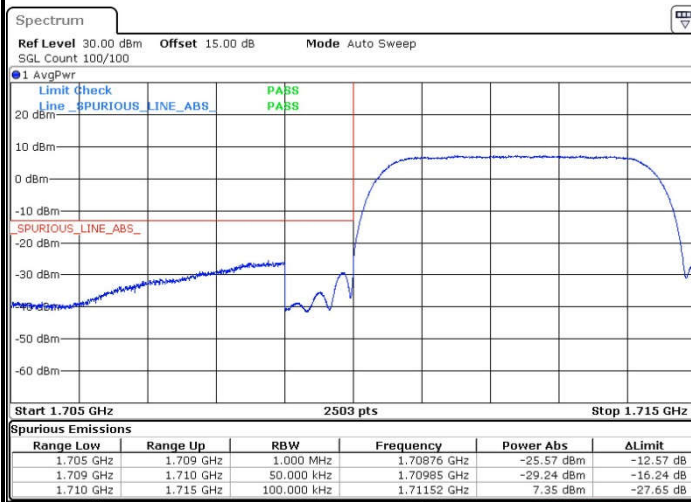
Highest Band Edge





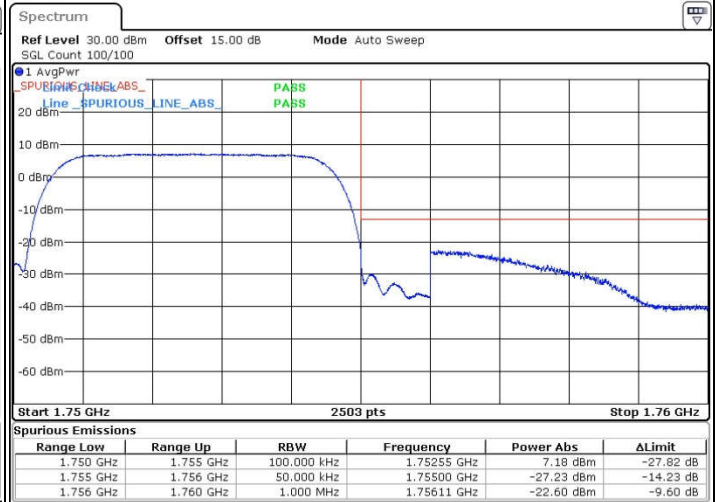
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge



Date: 26.OCT.2016 17:05:54

Highest Band Edge



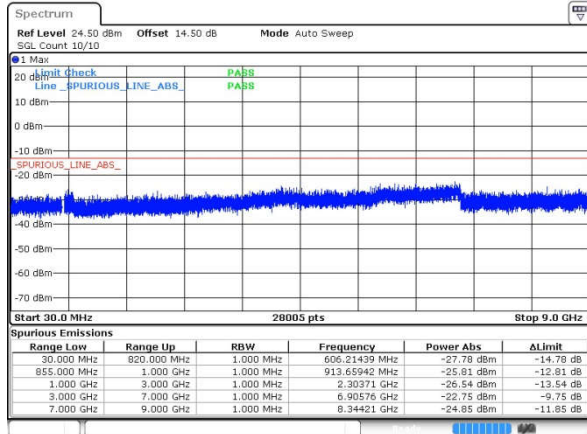
Date: 26.OCT.2016 17:08:44



Conducted Spurious Emission

GSM850 (GSM)

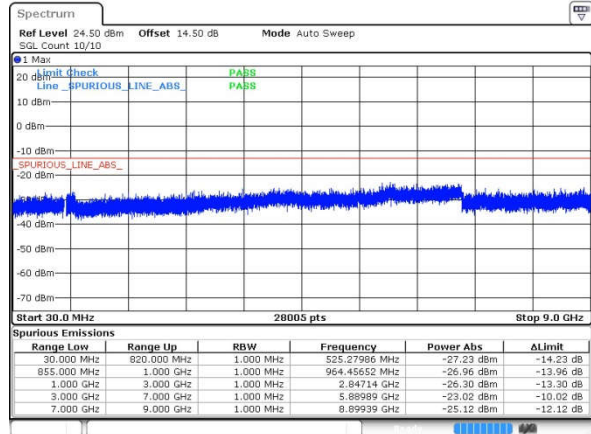
Lowest Channel



Date: 8.OCT.2016 19:20:32

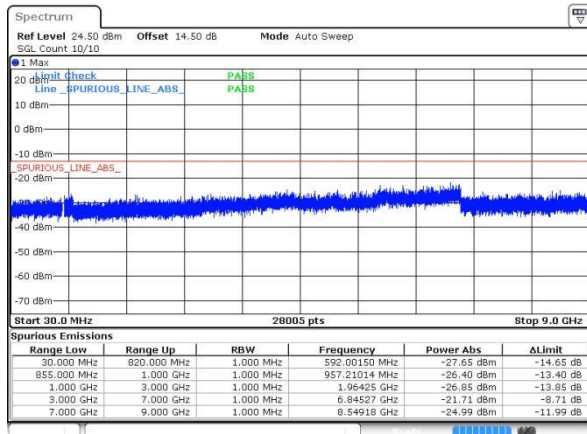
GSM850 (EDGE)

Lowest Channel



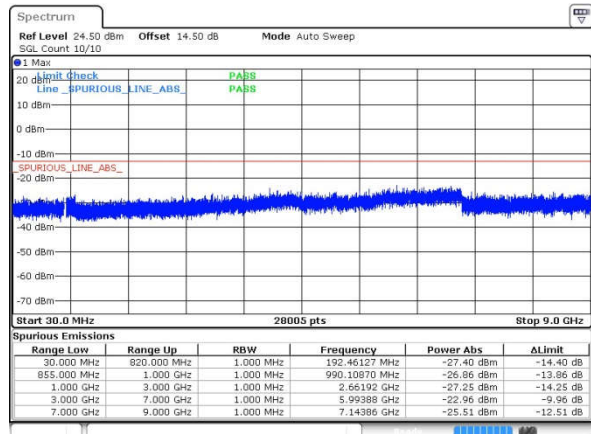
Date: 8.OCT.2016 19:45:37

Middle Channel



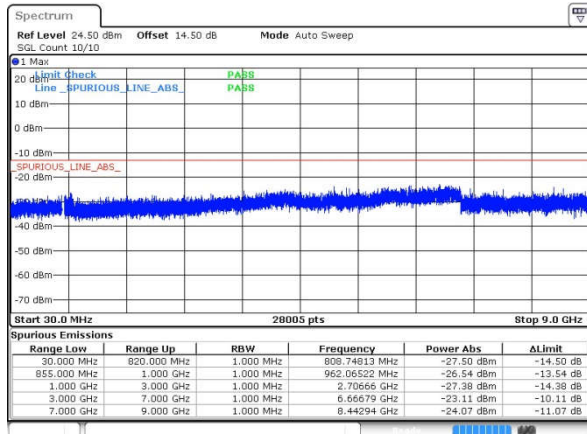
Date: 8.OCT.2016 19:21:48

Middle Channel



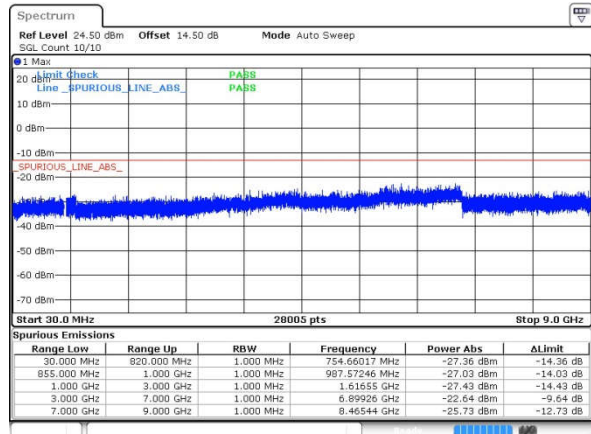
Date: 8.OCT.2016 19:47:00

Highest Channel



Date: 8.OCT.2016 19:23:03

Highest Channel

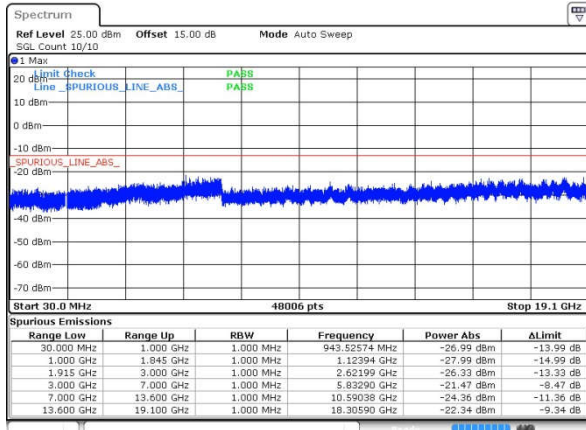


Date: 8.OCT.2016 19:48:22



GSM1900 (GSM)

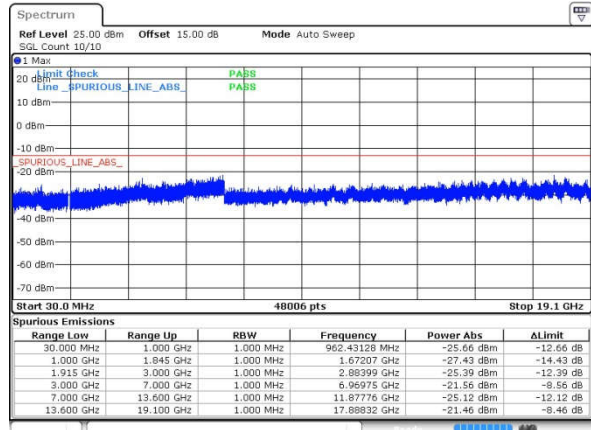
Lowest Channel



Date: 8.OCT.2016 20:37:31

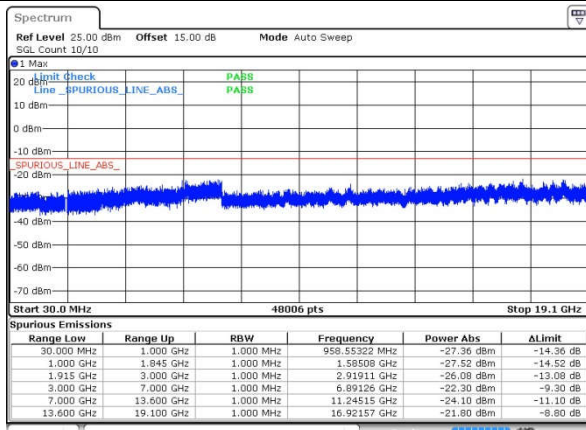
GSM1900 (EDGE)

Lowest Channel



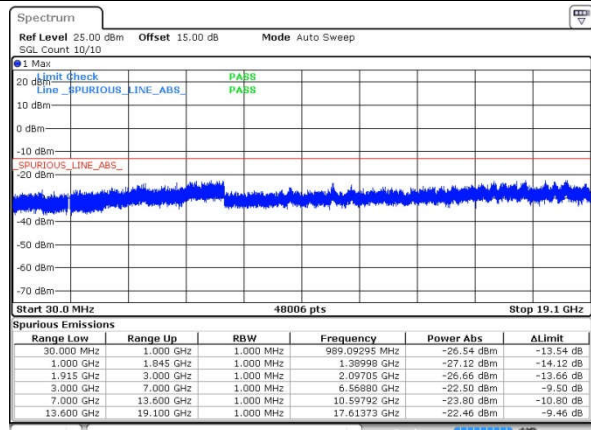
Date: 8.OCT.2016 20:19:41

Middle Channel



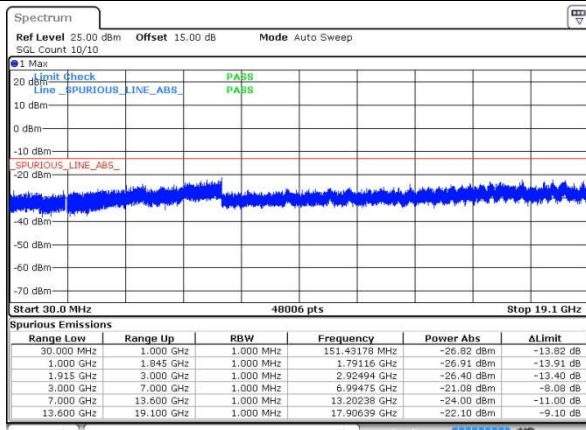
Date: 8.OCT.2016 20:38:47

Middle Channel



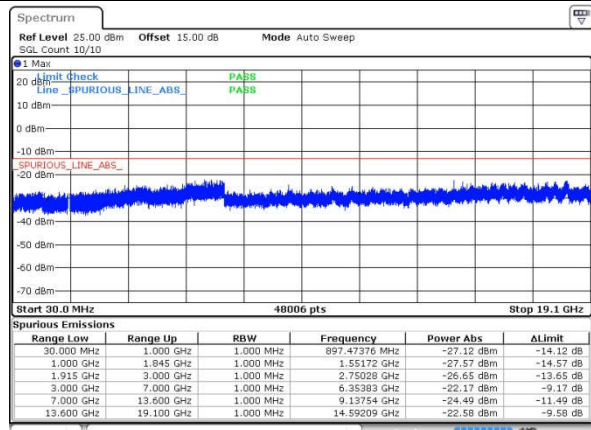
Date: 8.OCT.2016 20:21:03

Highest Channel



Date: 8.OCT.2016 20:40:02

Highest Channel

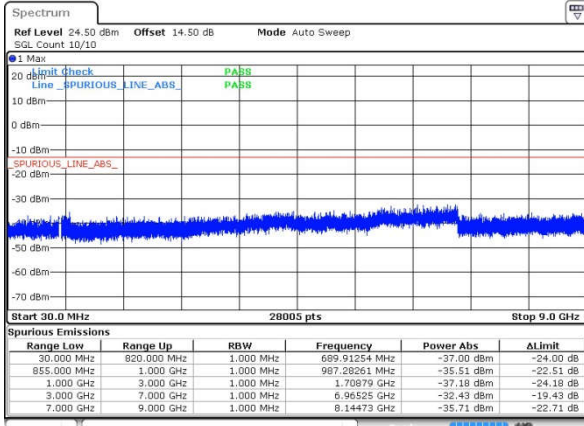


Date: 8.OCT.2016 20:22:54



WCDMA Band V (RMC 12.2Kbps)

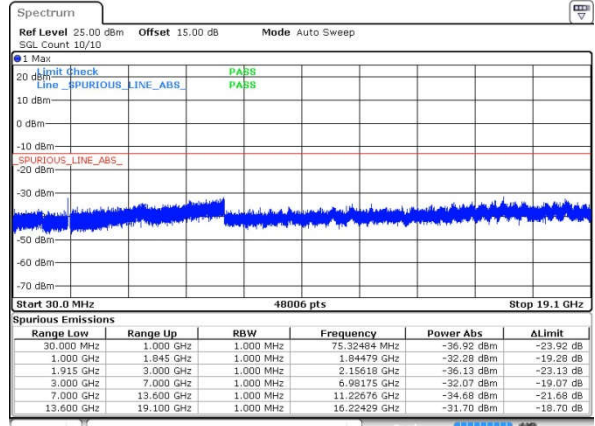
Lowest Channel



Date: 8.OCT.2016 21:04:33

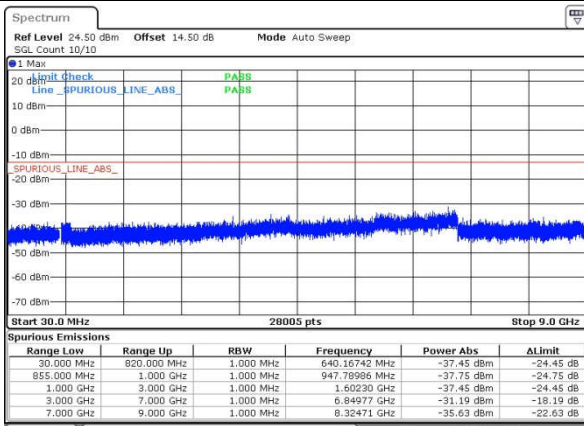
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



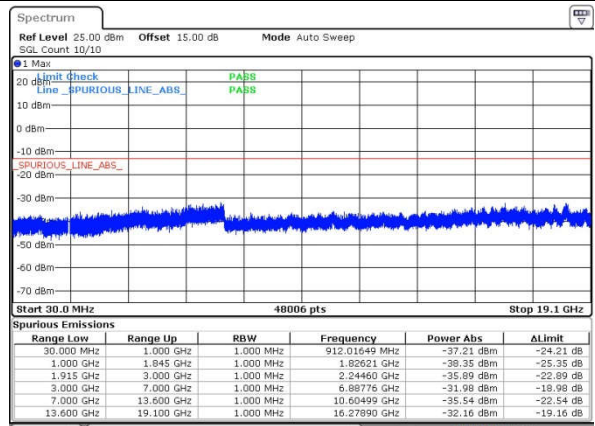
Date: 8.OCT.2016 21:47:10

Middle Channel



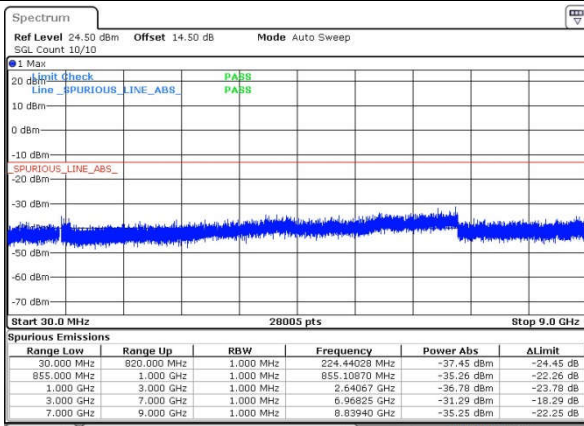
Date: 8.OCT.2016 21:05:49

Middle Channel



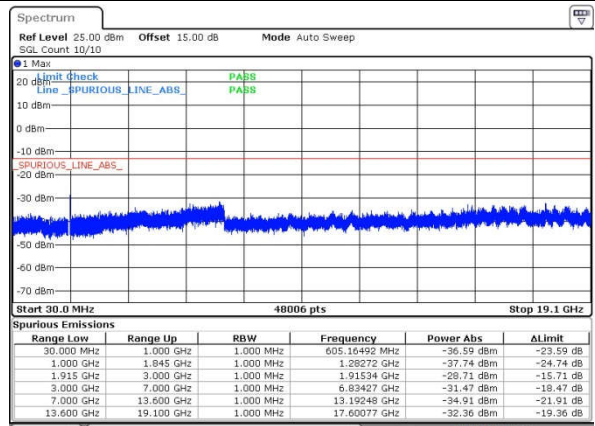
Date: 8.OCT.2016 21:48:26

Highest Channel



Date: 8.OCT.2016 21:07:04

Highest Channel

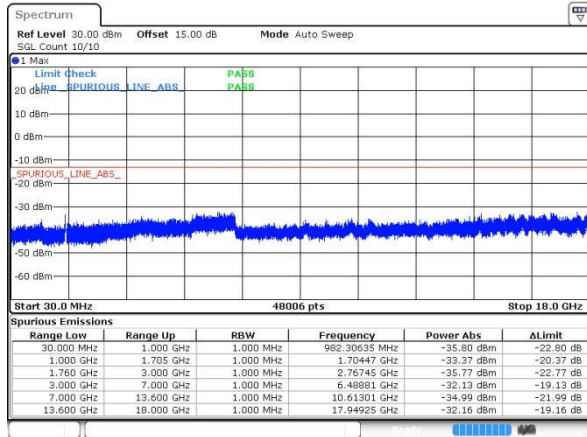


Date: 8.OCT.2016 21:48:42

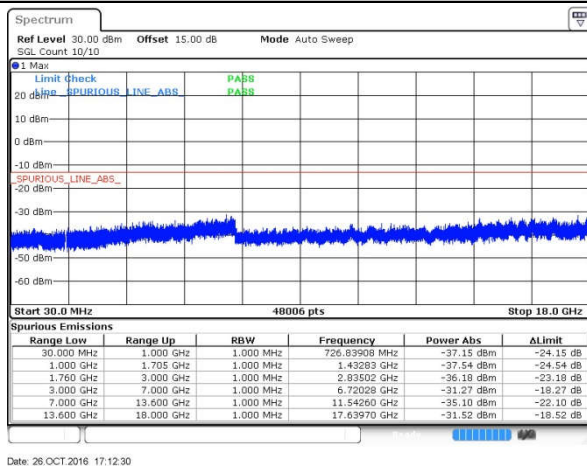


WCDMA Band IV (RMC 12.2Kbps)

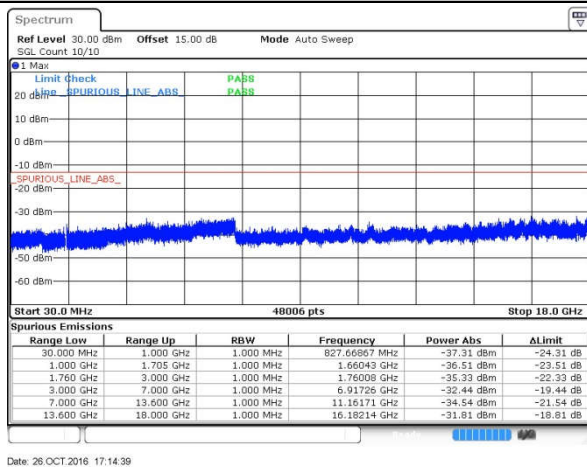
Lowest Channel



Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions	Middle Channel	GSM850 (GSM)	GSM850 (EDGE)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0012	0.0060	PASS
40	Normal Voltage	0.0060	0.0048	
30	Normal Voltage	0.0012	0.0024	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0048	0.0048	
0	Normal Voltage	0.0120	0.0084	
-10	Normal Voltage	0.0024	0.0036	
-20	Normal Voltage	0.0012	0.0024	
-30	Normal Voltage	0.0239	0.0048	
20	Maximum Voltage	0.0108	0.0514	
20	Normal Voltage	0.0155	0.0108	
20	Battery End Point	0.0203	0.0024	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0053	0.0011	PASS
40	Normal Voltage	0.0011	0.0016	
30	Normal Voltage	0.0021	0.0043	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0064	0.0090	
0	Normal Voltage	0.0053	0.0064	
-10	Normal Voltage	0.0170	0.0165	
-20	Normal Voltage	0.0069	0.0032	
-30	Normal Voltage	0.0234	0.0069	
20	Maximum Voltage	0.0016	0.0053	
20	Normal Voltage	0.0149	0.0085	
20	Battery End Point	0.0027	0.0043	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 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 V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0084	
0	Normal Voltage	0.0120	
-10	Normal Voltage	0.0167	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0191	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0167	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0059	
-30	Normal Voltage	0.0069	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0032	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 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	0.0098	PASS
40	Normal Voltage	0.0075	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0087	
0	Normal Voltage	0.0058	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0092	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0052	
20	Battery End Point	0.0040	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35V
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

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	1672.00	-37.24	-13	-24.24	-38.53	-39.10	1.19	5.20	H
	2508.00	-24.60	-13	-11.60	-31.05	-26.82	1.53	5.90	H
	3348.00	-62.30	-13	-49.30	-66.25	-65.09	1.76	6.70	H
	4182.00	-58.35	-13	-45.35	-62.98	-61.50	1.90	7.20	H
	5016.00	-67.72	-13	-54.72	-73.95	-72.30	2.17	8.90	H
	5856.00	-31.80	-13	-18.80	-46.87	-37.04	2.41	9.80	H
	6690.00	-57.35	-13	-44.35	-75.00	-63.09	2.64	10.53	H
	7524.00	-47.41	-13	-34.41	-67.69	-53.84	2.88	11.46	H
	1672.00	-43.41	-13	-30.41	-43.83	-45.27	1.19	5.20	V
	2508.00	-26.24	-13	-13.24	-32.27	-28.46	1.53	5.90	V
	3348.00	-68.35	-13	-55.35	-71.67	-71.14	1.76	6.70	V
	4182.00	-55.51	-13	-42.51	-61.62	-58.66	1.90	7.20	V
	5016.00	-65.12	-13	-52.12	-73.67	-69.70	2.17	8.90	V
	5856.00	-34.71	-13	-21.71	-50.06	-39.95	2.41	9.80	V
	6690.00	-57.76	-13	-44.76	-75.13	-63.50	2.64	10.53	V
	7530.00	-45.21	-13	-32.21	-65.82	-51.65	2.88	11.46	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)
Middle	1672.00	-55.12	-13	-42.12	-54.14	-56.98	1.19	5.20	H
	2508.00	-39.83	-13	-26.83	-46.14	-42.05	1.53	5.90	H
	3345.00	-66.98	-13	-53.98	-70.93	-69.77	1.76	6.70	H
	4182.00	-60.81	-13	-47.81	-65.44	-63.96	1.90	7.20	H
	5019.00	-66.62	-13	-53.62	-72.85	-71.20	2.17	8.90	H
	5856.00	-61.62	-13	-48.62	-74.28	-66.86	2.41	9.80	H
	1672.00	-56.98	-13	-43.98	-54.94	-58.84	1.19	5.20	V
	2508.00	-41.38	-13	-28.38	-46.59	-43.60	1.53	5.90	V
	3345.00	-68.02	-13	-55.02	-71.34	-70.81	1.76	6.70	V
	4182.00	-66.34	-13	-53.34	-72.45	-69.49	1.90	7.20	V
	5019.00	-63.61	-13	-50.61	-72.16	-68.19	2.17	8.90	V
	5853.00	-48.35	-13	-35.35	-63.2	-53.59	2.41	9.80	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	3762	-70.34	-13	-57.34	-73.85	-75.33	1.88	6.87	H
	5640	-59.22	-13	-46.22	-67.41	-66.52	2.38	9.68	H
	7520	-63.27	-13	-50.27	-75.30	-72.34	2.74	11.81	H
	3762	-69.63	-13	-56.63	-73.42	-74.62	1.88	6.87	V
	5640	-57.60	-13	-44.60	-66.17	-64.90	2.38	9.68	V
	7520	-64.74	-13	-51.74	-75.45	-73.81	2.74	11.81	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)
Middle	3760	-70.48	-13	-57.48	-73.99	-75.47	1.88	6.87	H
	5640	-58.16	-13	-45.16	-66.35	-65.46	2.38	9.68	H
	7520	-63.57	-13	-50.57	-75.60	-72.64	2.74	11.81	H
	3762	-70.37	-13	-57.37	-74.16	-75.36	1.88	6.87	V
	5640	-66.10	-13	-53.10	-74.67	-73.40	2.38	9.68	V
	7520	-65.29	-13	-52.29	-76	-74.36	2.74	11.81	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	-63.74	-13	-50.74	-62.37	-65.60	1.19	5.20	H
	2509	-67.44	-13	-54.44	-70.43	-69.66	1.53	5.90	H
	3345	-68.88	-13	-55.88	-72.83	-71.67	1.76	6.70	H
	1672	-68.52	-13	-55.52	-66.48	-70.38	1.19	5.20	V
	2509	-69.92	-13	-56.92	-71.9	-72.14	1.53	5.90	V
	3344	-69.78	-13	-56.78	-73.1	-72.57	1.76	6.70	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	-69.75	-13	-56.75	-73.26	-74.74	1.88	6.87	H
	5640	-62.79	-13	-49.79	-70.98	-70.09	2.38	9.68	H
	7520	-63.35	-13	-50.35	-75.38	-72.42	2.74	11.81	H
	3762	-69.72	-13	-56.72	-73.51	-74.71	1.88	6.87	V
	5640	-56.35	-13	-43.35	-64.92	-63.65	2.38	9.68	V
	7520	-65.23	-13	-52.23	-75.94	-74.30	2.74	11.81	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	-63.76	-13	-50.76	-70.55	-68.65	1.81	6.70	H
	5197.8	-58.81	-13	-45.81	-71.49	-65.71	2.23	9.13	H
	6930	-59.05	-13	-46.05	-74.23	-67.11	2.60	10.66	H
	3465	-66.89	-13	-53.89	-72.09	-71.78	1.81	6.70	V
	5197.8	-56.49	-13	-43.49	-70.04	-63.39	2.23	9.13	V
	6930	-59.10	-13	-46.10	-74.15	-67.16	2.6	10.66	V

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