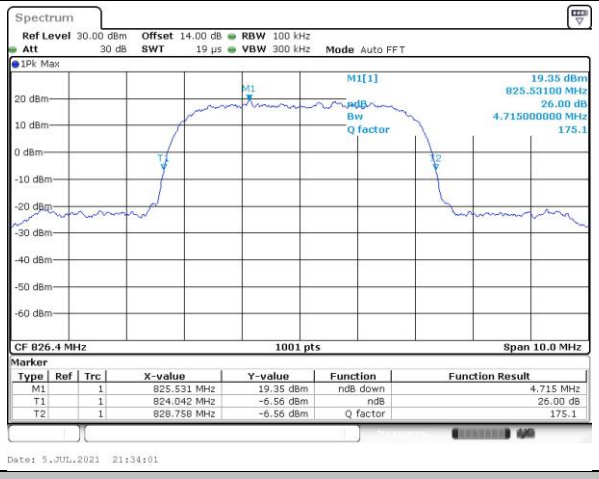
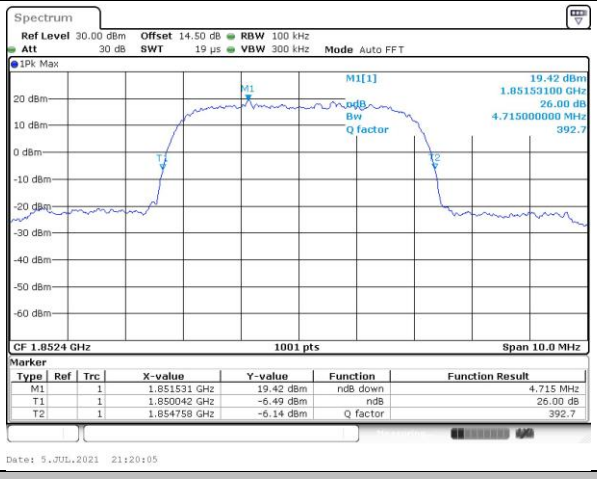
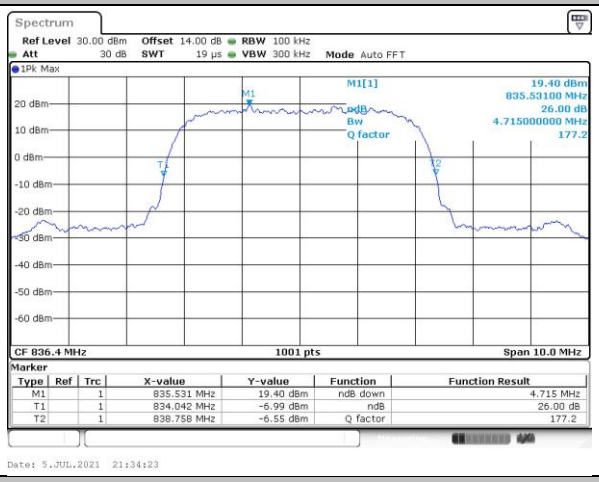
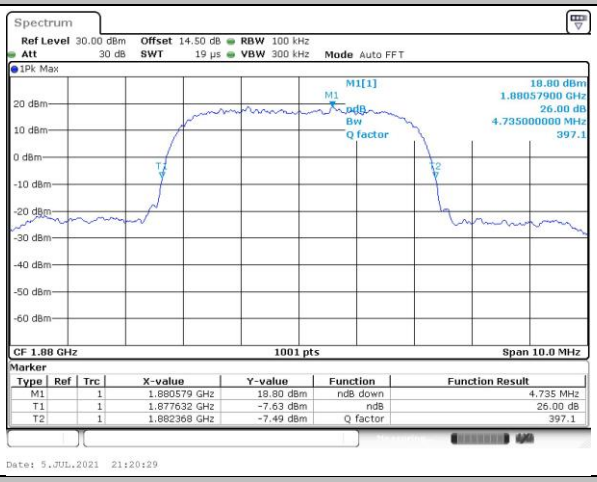
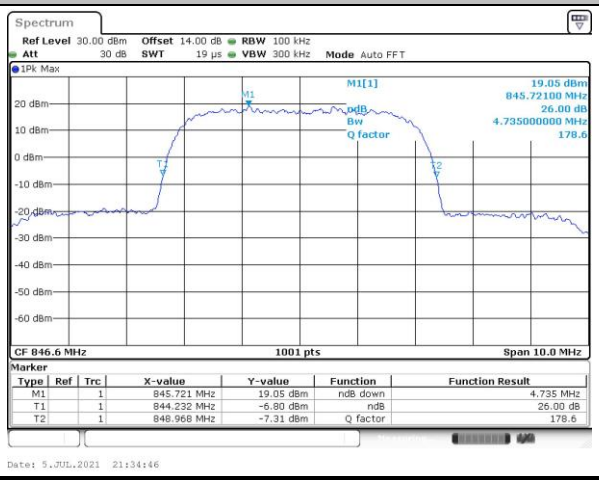
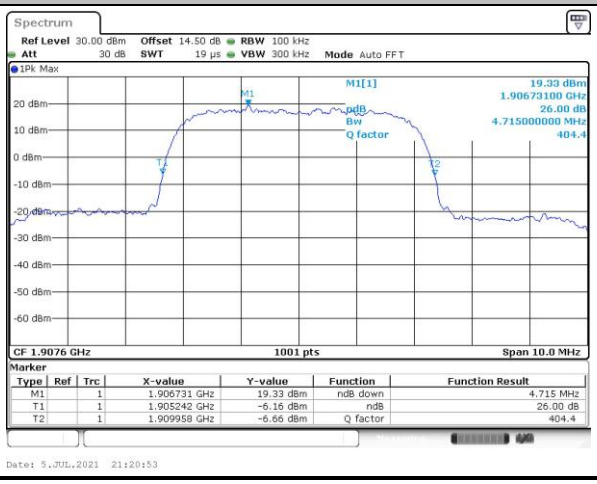
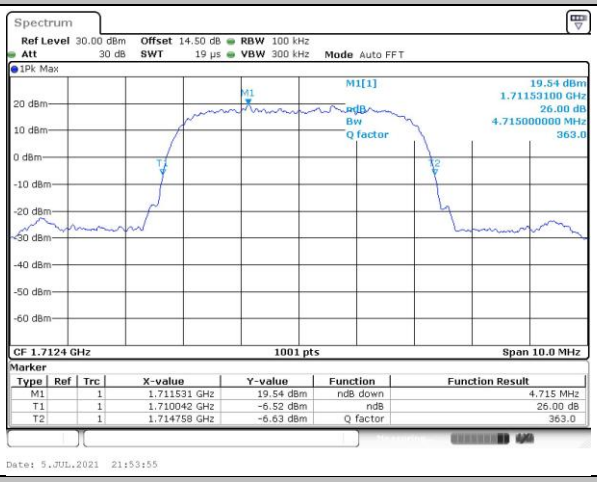
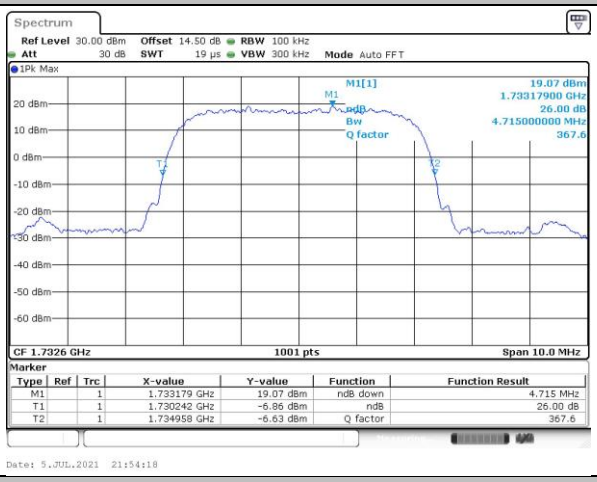
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band IV (RMC 12.2Kbps)

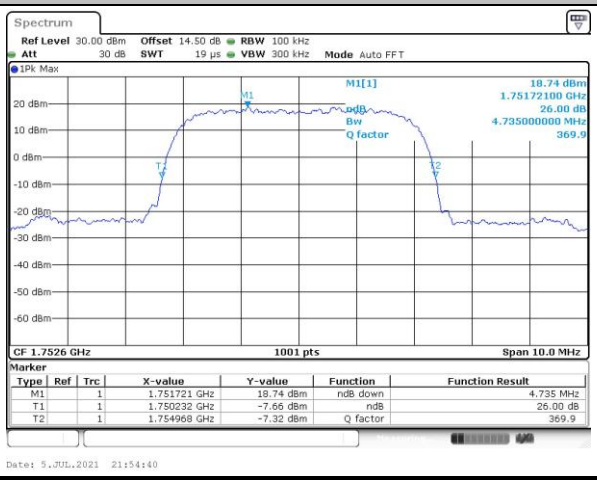
Lowest Channel



Middle Channel

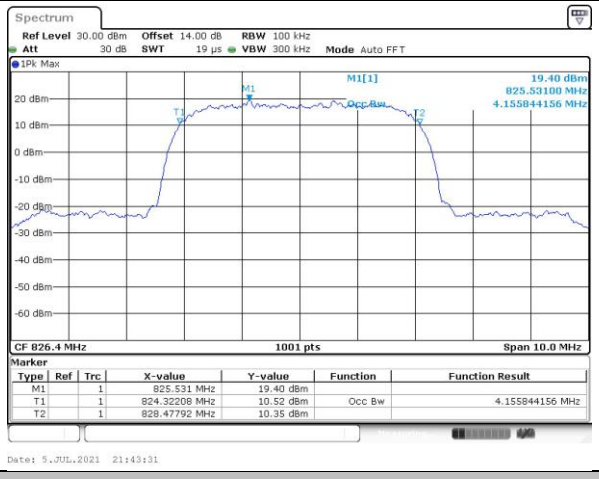
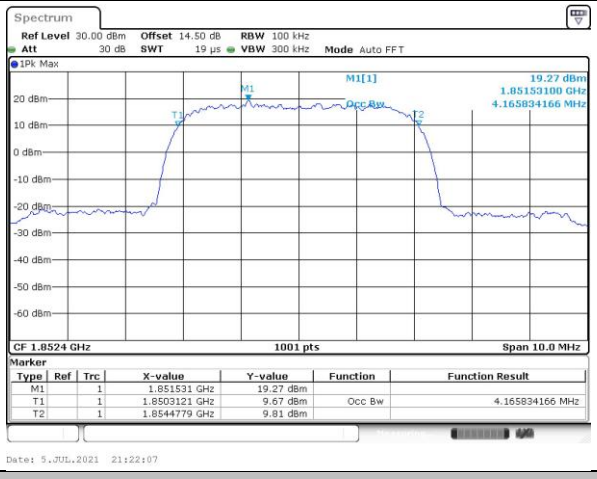
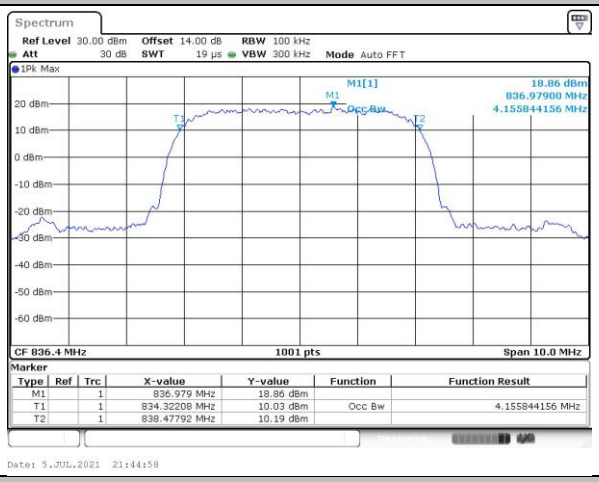
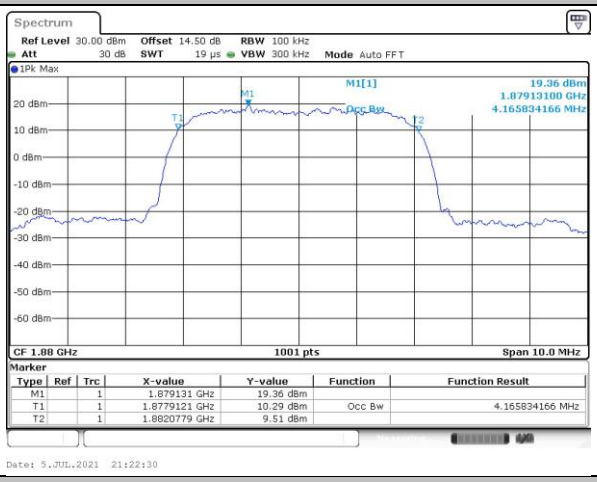
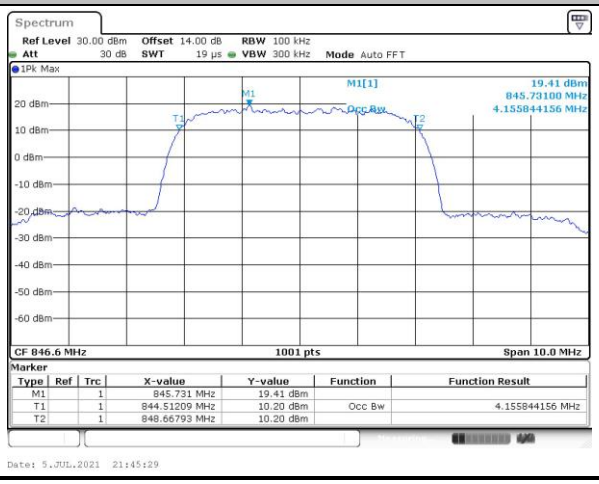
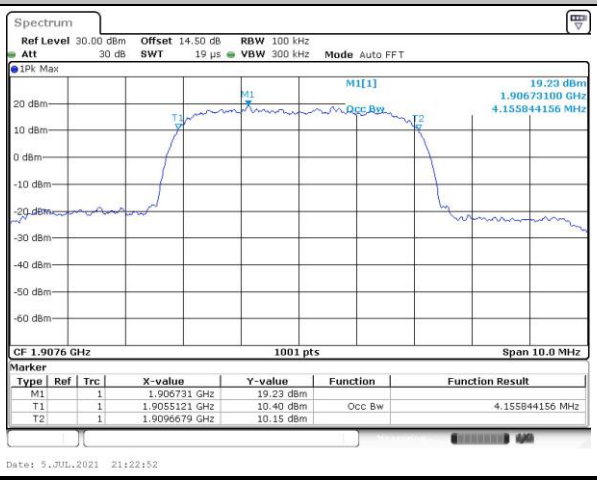


Highest Channel



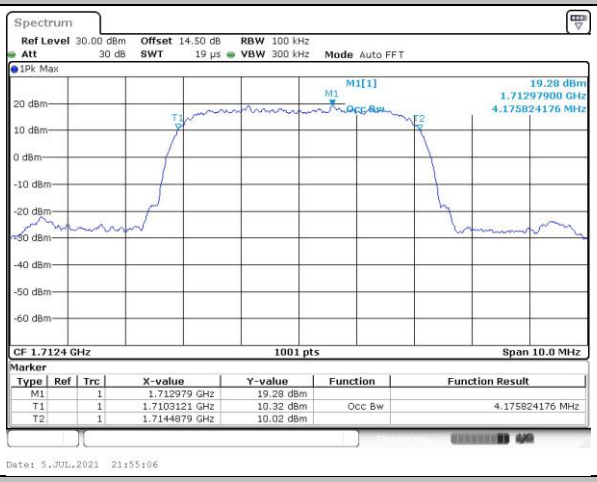
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.156	4.166	4.176
Middle CH	4.156	4.166	4.156
Highest CH	4.156	4.156	4.156

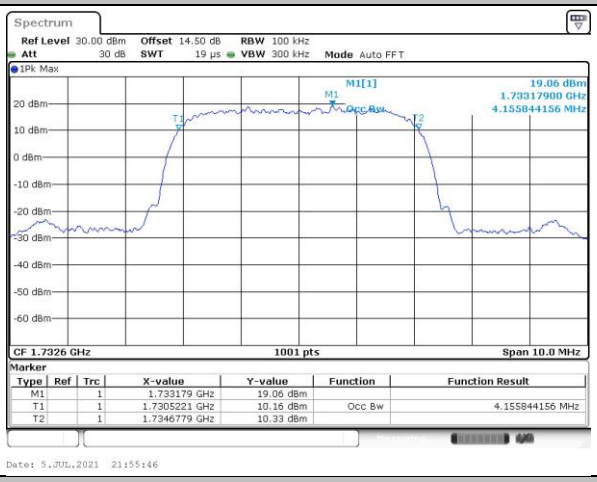
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band IV (RMC 12.2Kbps)

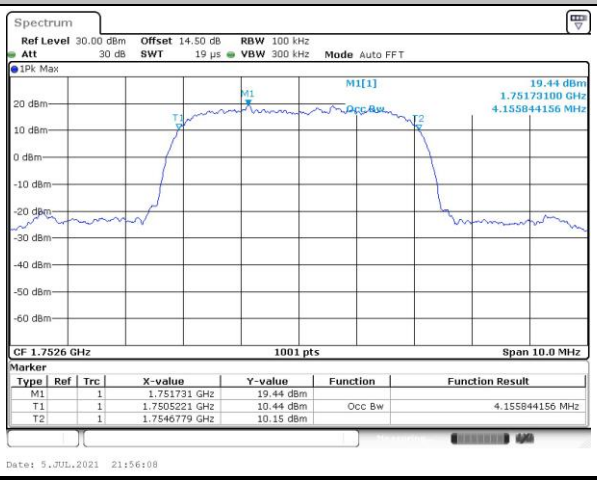
Lowest Channel



Middle Channel



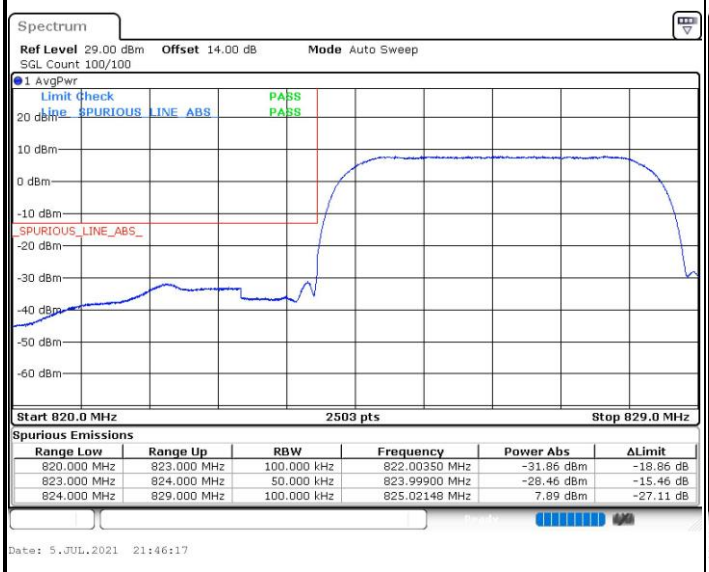
Highest Channel



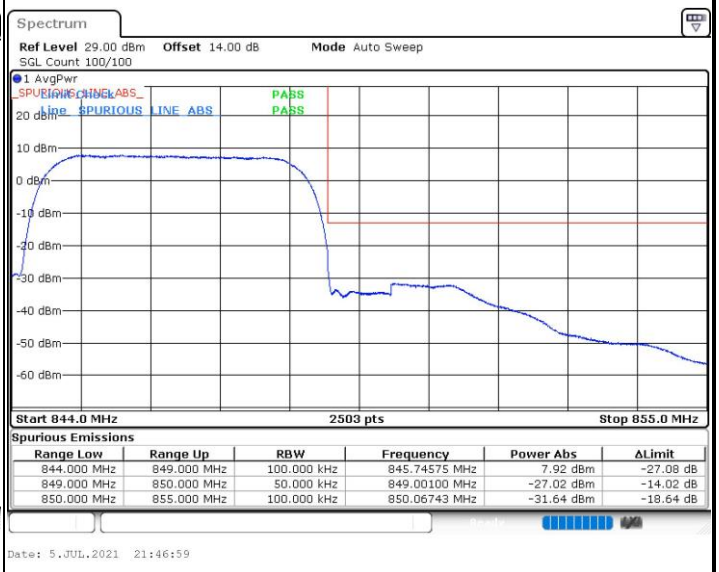
Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

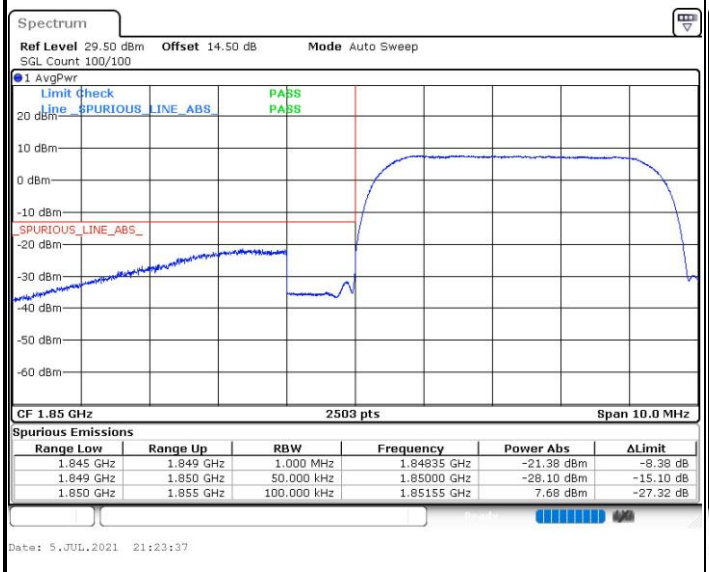


Highest Band Edge

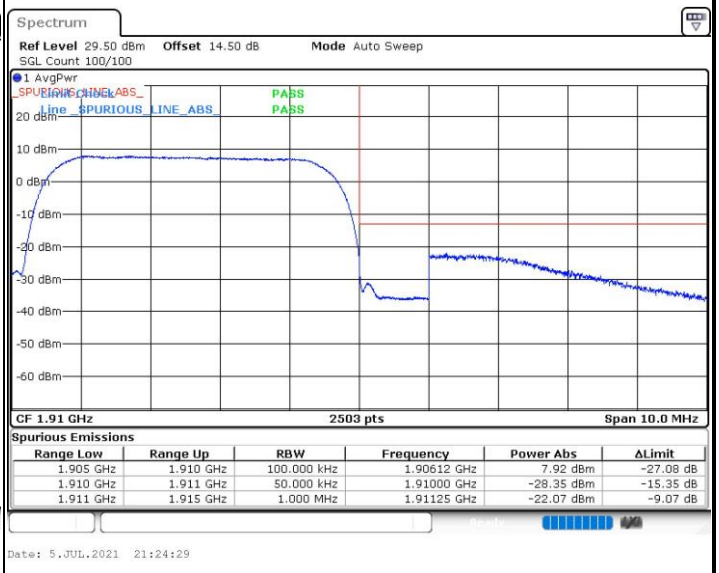


WCDMA Band II (RMC 12.2Kbps)

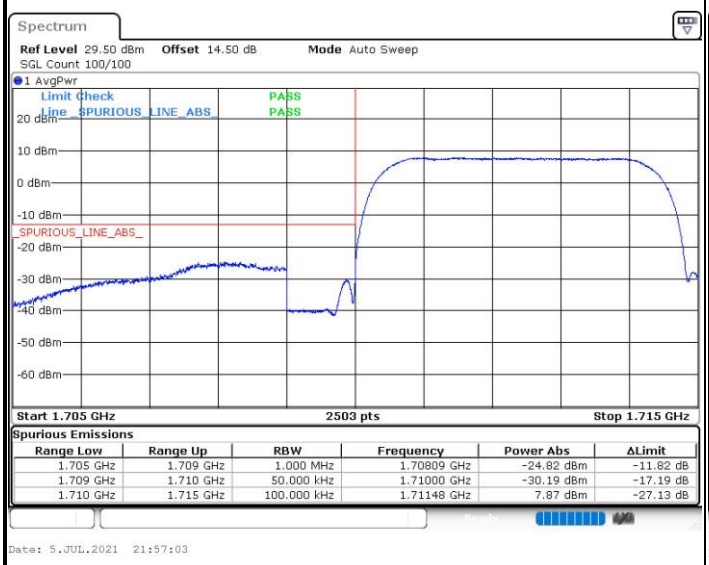
Lowest Band Edge

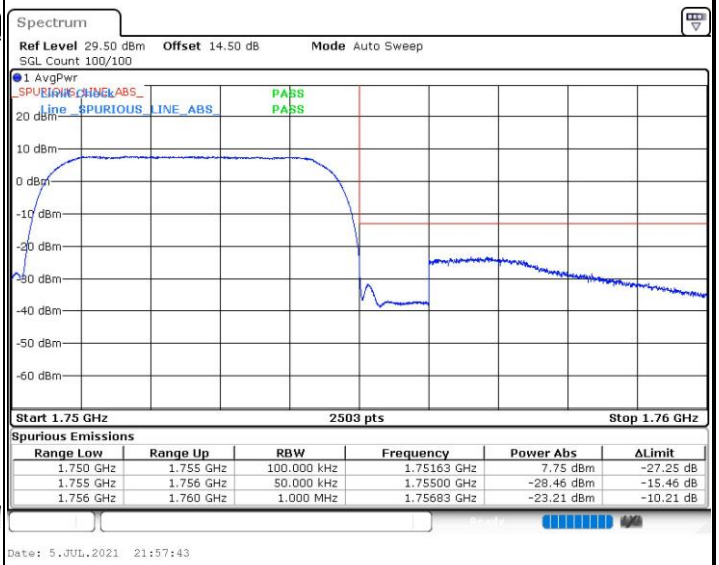


Highest Band Edge



WCDMA Band IV (RMC 12.2Kbps)	
Lowest Band Edge	**Highest Band Edge**

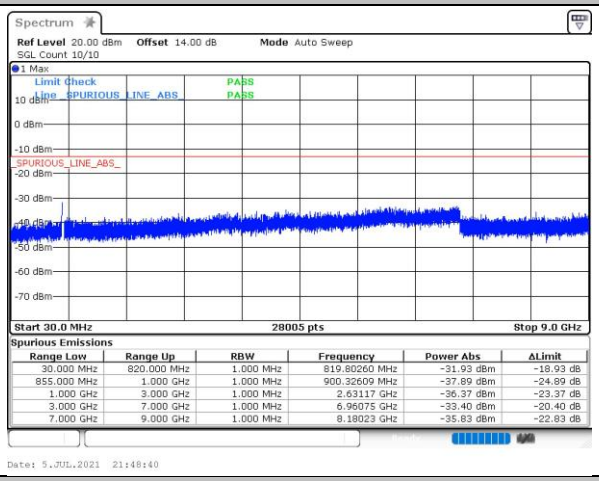




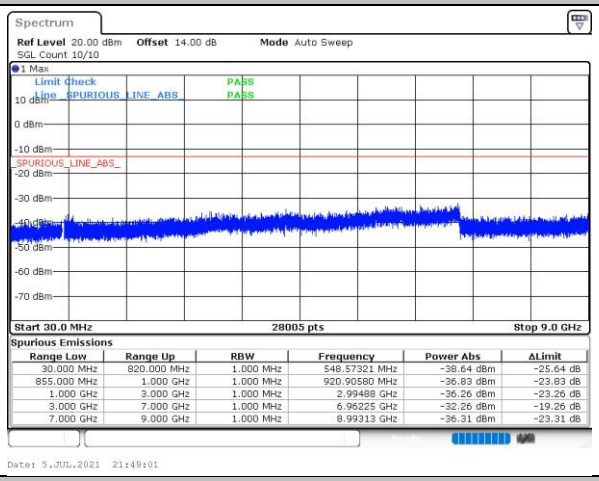
Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

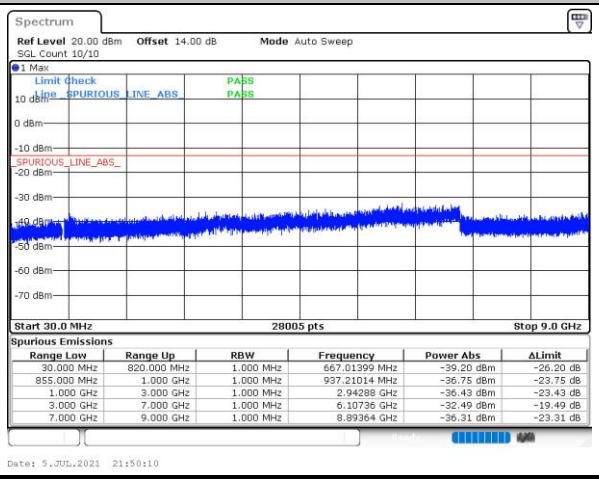
Lowest Channel



Middle Channel

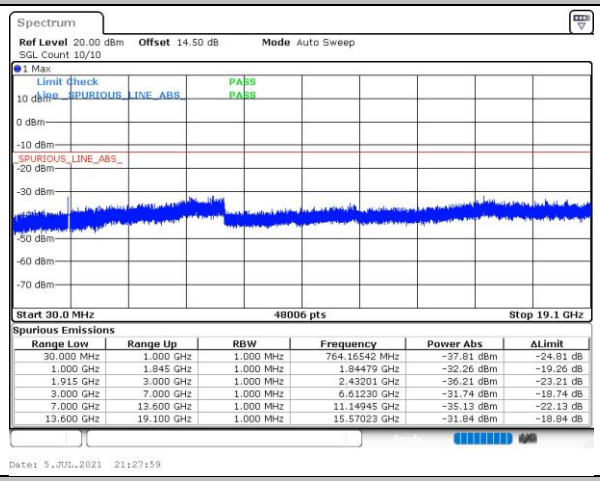


Highest Channel

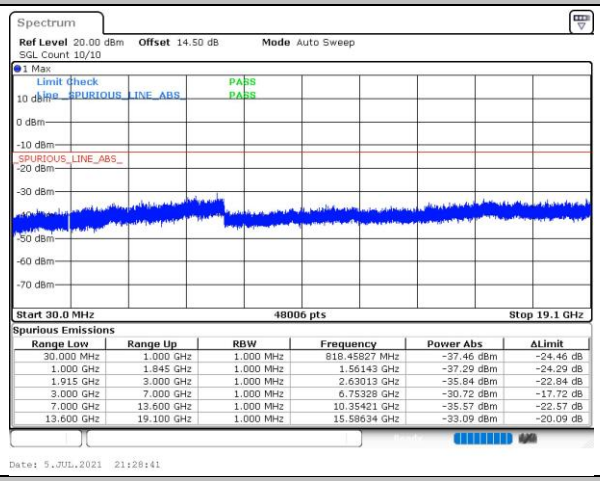


WCDMA Band II (RMC 12.2Kbps)

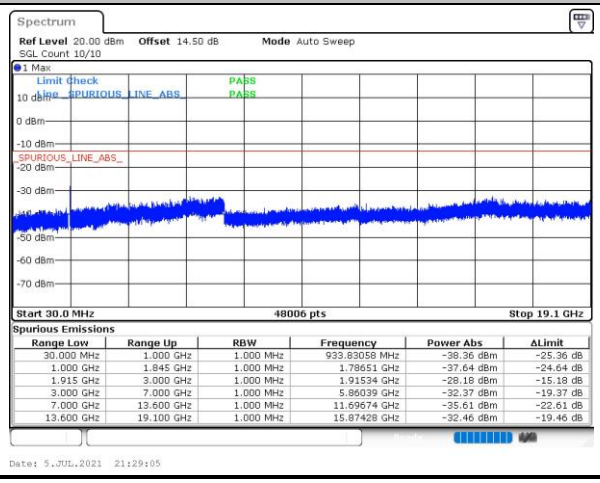
Lowest Channel



Middle Channel

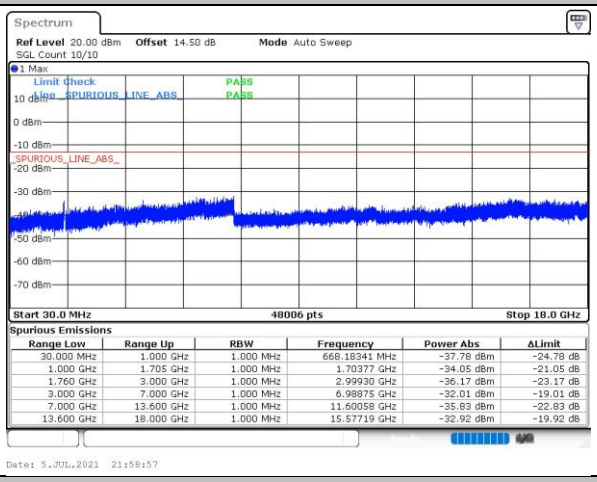


Highest Channel

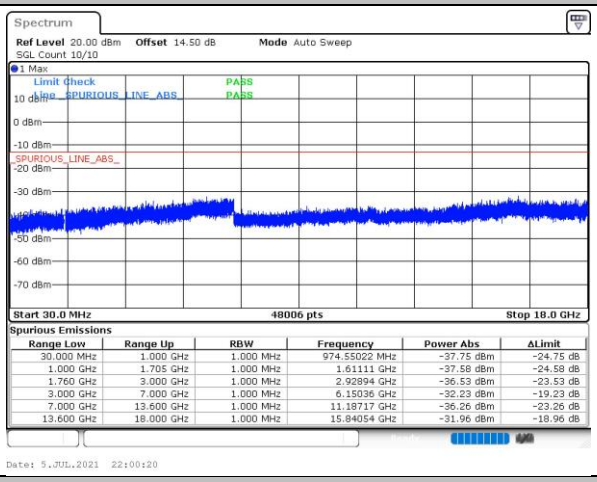


WCDMA Band IV (RMC 12.2Kbps)

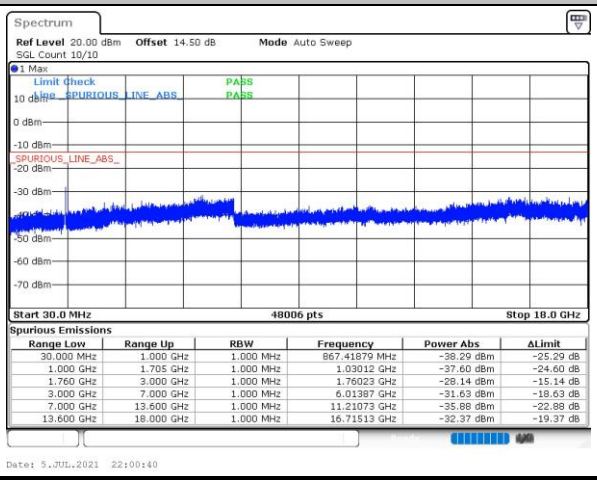
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0036	

Note: Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.4 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.4 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	0.0031	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.4 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

Top Antenna:

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	-55.75	-13	-42.75	-63.45	-59.00	4.00	9.40	H
	2509.2	-58.12	-13	-45.12	-70.19	-61.69	4.88	10.60	H
	3345.6	-60.47	-13	-47.47	-75.05	-65.40	5.52	12.60	H
	1672.8	-57.23	-13	-44.23	-65.12	-60.48	4.00	9.40	V
	2509.2	-61.35	-13	-48.35	-73.54	-64.92	4.88	10.60	V
	3345.6	-56.09	-13	-43.09	-70.69	-61.02	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots)									
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	-57.43	-13	-44.43	-65.13	-60.68	4.00	9.40	H
	2509.2	-59.23	-13	-46.23	-71.30	-62.80	4.88	10.60	H
	3345.6	-59.06	-13	-46.06	-73.64	-63.99	5.52	12.60	H
	1672.8	-58.78	-13	-45.78	-66.67	-62.03	4.00	9.40	V
	2509.2	-60.51	-13	-47.51	-72.70	-64.08	4.88	10.60	V
	3345.6	-56.54	-13	-43.54	-71.14	-61.47	5.52	12.60	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	1672.8	-67.48	-13	-54.48	-75.18	-70.73	4.00	9.40	H
	2509.2	-64.04	-13	-51.04	-76.11	-67.61	4.88	10.60	H
	3345.6	-62.66	-13	-49.66	-77.24	-67.59	5.52	12.60	H
	1672.8	-67.44	-13	-54.44	-75.33	-70.69	4.00	9.40	V
	2509.2	-64.12	-13	-51.12	-76.31	-67.69	4.88	10.60	V
	3345.6	-63.12	-13	-50.12	-77.72	-68.05	5.52	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)
Middle	3760	-53.86	-13	-40.86	-69.99	-60.61	5.85	12.60	H
	5640	-54.97	-13	-41.97	-75.16	-60.77	7.30	13.10	H
	7520	-54.88	-13	-41.88	-79.13	-58.03	8.35	11.50	H
	3760	-56.05	-13	-43.05	-71.74	-62.80	5.85	12.60	V
	5640	-56.05	-13	-43.05	-75.03	-61.85	7.30	13.10	V
	7520	-49.19	-13	-36.19	-73.86	-52.34	8.35	11.50	V

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

GSM1900 (EDGE 1 Tx slots)									
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	-56.75	-13	-43.75	-72.88	-63.50	5.85	12.60	H
	5640	-55.13	-13	-42.13	-75.32	-60.93	7.30	13.10	H
	7520	-54.82	-13	-41.82	-79.07	-57.97	8.35	11.50	H
	3760	-55.48	-13	-42.48	-71.17	-62.23	5.85	12.60	V
	5640	-55.48	-13	-42.48	-74.46	-61.28	7.30	13.10	V
	7520	-48.57	-13	-35.57	-73.24	-51.72	8.35	11.50	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	-63.00	-13	-50.00	-79.13	-69.75	5.85	12.60	H
	5640	-61.09	-13	-48.09	-81.28	-66.89	7.30	13.10	H
	7520	-56.70	-13	-43.70	-80.95	-59.85	8.35	11.50	H
	3760	-62.29	-13	-49.29	-77.98	-69.04	5.85	12.60	V
	5640	-62.36	-13	-49.36	-81.34	-68.16	7.30	13.10	V
	7520	-56.20	-13	-43.20	-80.87	-59.35	8.35	11.50	V

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

Bottom Antenna:

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	-53.57	-13	-40.57	-61.27	-56.82	4.00	9.40	H
	2509.2	-60.39	-13	-47.39	-72.46	-63.96	4.88	10.60	H
	3345.6	-57.66	-13	-44.66	-72.24	-62.59	5.52	12.60	H
	1672.8	-60.01	-13	-47.01	-67.90	-63.26	4.00	9.40	V
	2509.2	-58.96	-13	-45.96	-71.15	-62.53	4.88	10.60	V
	3345.6	-56.26	-13	-43.26	-70.86	-61.19	5.52	12.60	V

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

GSM850 (EDGE 1 Tx slots)									
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	-67.79	-13	-54.79	-75.49	-71.04	4.00	9.40	H
	2509.2	-64.71	-13	-51.71	-76.78	-68.28	4.88	10.60	H
	3345.6	-63.66	-13	-50.66	-78.24	-68.59	5.52	12.60	H
	1672.8	-68.01	-13	-55.01	-75.90	-71.26	4.00	9.40	V
	2509.2	-64.60	-13	-51.60	-76.79	-68.17	4.88	10.60	V
	3345.6	-63.58	-13	-50.58	-78.18	-68.51	5.52	12.60	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	1672.8	-67.84	-13	-54.84	-75.54	-71.09	4.00	9.40	H
	2509.2	-64.65	-13	-51.65	-76.72	-68.22	4.88	10.60	H
	3345.6	-63.66	-13	-50.66	-78.24	-68.59	5.52	12.60	H
	1672.8	-67.91	-13	-54.91	-75.80	-71.16	4.00	9.40	V
	2509.2	-64.49	-13	-51.49	-76.68	-68.06	4.88	10.60	V
	3345.6	-63.52	-13	-50.52	-78.12	-68.45	5.52	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)
Middle	3760	-55.04	-13	-42.04	-71.17	-61.79	5.85	12.60	H
	5640	-53.73	-13	-40.73	-73.92	-59.53	7.30	13.10	H
	7520	-53.97	-13	-40.97	-78.22	-57.12	8.35	11.50	H
	3760	-54.91	-13	-41.91	-70.6	-61.66	5.85	12.60	V
	5640	-57.59	-13	-44.59	-76.57	-63.39	7.30	13.10	V
	7520	-49.82	-13	-36.82	-74.49	-52.97	8.35	11.50	V

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

GSM1900 (EDGE 1 Tx slots)									
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	-57.33	-13	-44.33	-73.46	-64.08	5.85	12.60	H
	5640	-57.33	-13	-44.33	-77.52	-63.13	7.30	13.10	H
	7520	-53.13	-13	-40.13	-77.38	-56.28	8.35	11.50	H
	3760	-56.16	-13	-43.16	-71.85	-62.91	5.85	12.60	V
	5640	-57.53	-13	-44.53	-76.51	-63.33	7.30	13.10	V
	7520	-49.10	-13	-36.10	-73.77	-52.25	8.35	11.50	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	-63.09	-13	-50.09	-79.22	-69.84	5.85	12.60	H
	5640	-61.01	-13	-48.01	-81.20	-66.81	7.30	13.10	H
	7520	-56.60	-13	-43.60	-80.85	-59.75	8.35	11.50	H
	3760	-62.03	-13	-49.03	-77.72	-68.78	5.85	12.60	V
	5640	-61.99	-13	-48.99	-80.97	-67.79	7.30	13.10	V
	7520	-56.20	-13	-43.20	-80.87	-59.35	8.35	11.50	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	3465.2	-63.45	-13	-50.45	-75.99	-70.30	5.65	12.50	H
	5197.8	-61.42	-13	-48.42	-78.66	-67.09	7.13	12.80	H
	6930.4	-57.57	-13	-44.57	-78.10	-60.97	8.40	11.80	H
	3465.2	-62.82	-13	-49.82	-75.9	-69.67	5.65	12.50	V
	5197.8	-62.16	-13	-49.16	-79.35	-67.83	7.13	12.80	V
	6930.4	-57.72	-13	-44.72	-78.26	-61.12	8.40	11.80	V

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