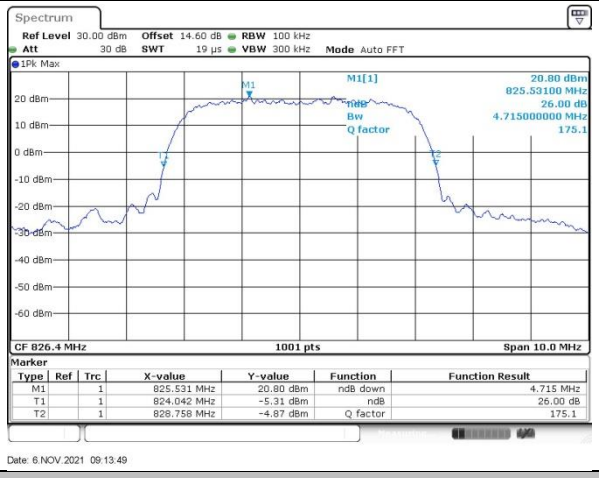
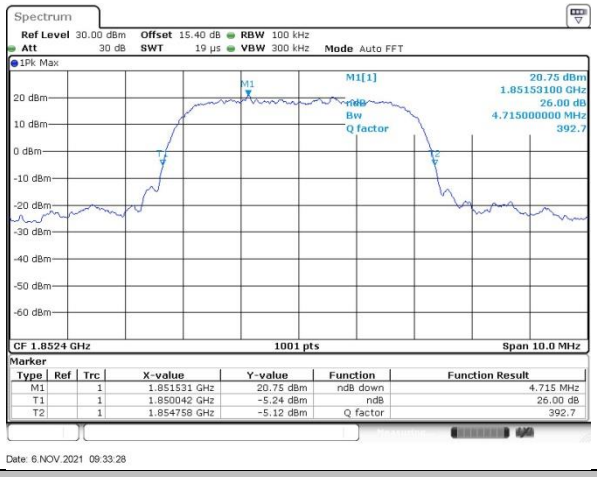
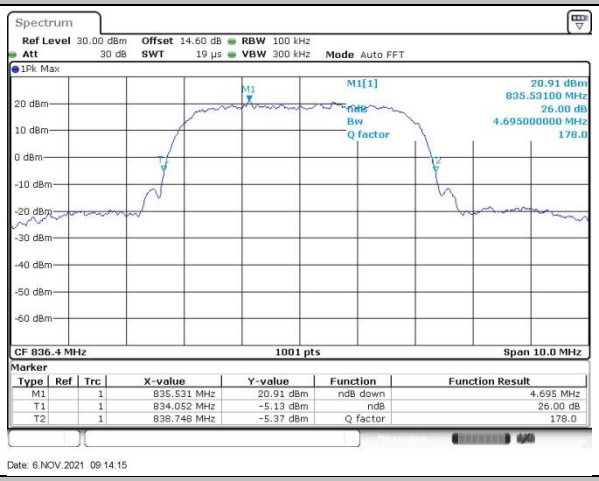
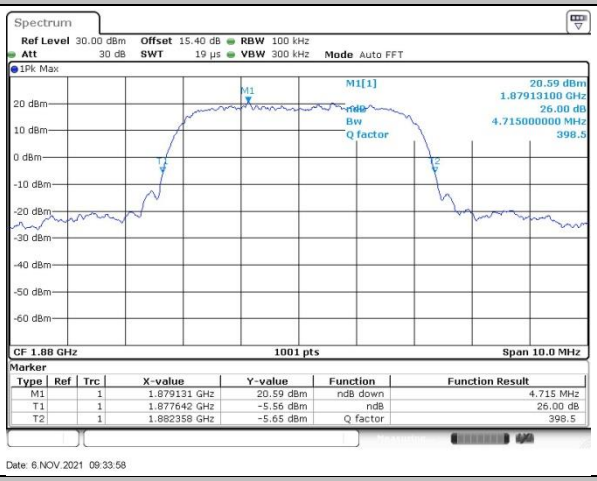
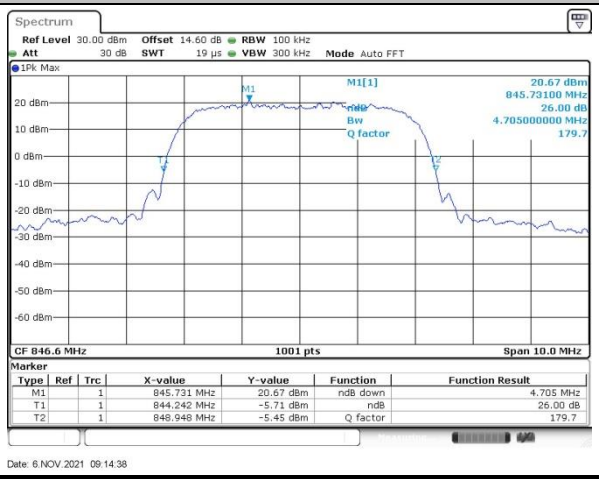
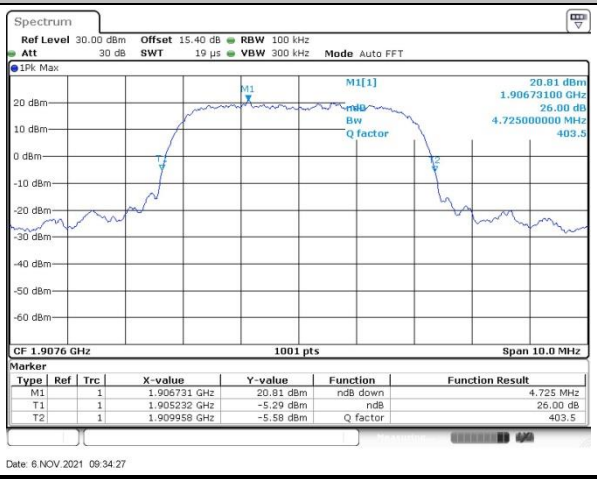
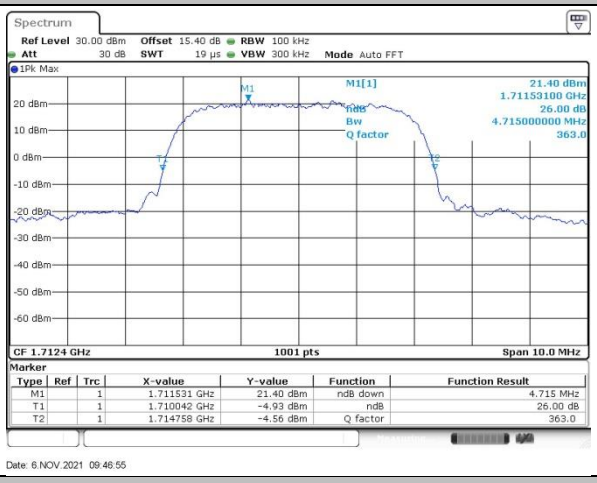
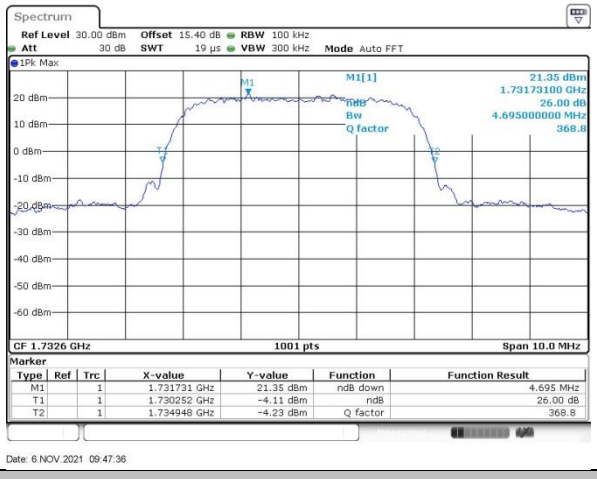
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band IV (RMC 12.2Kbps)

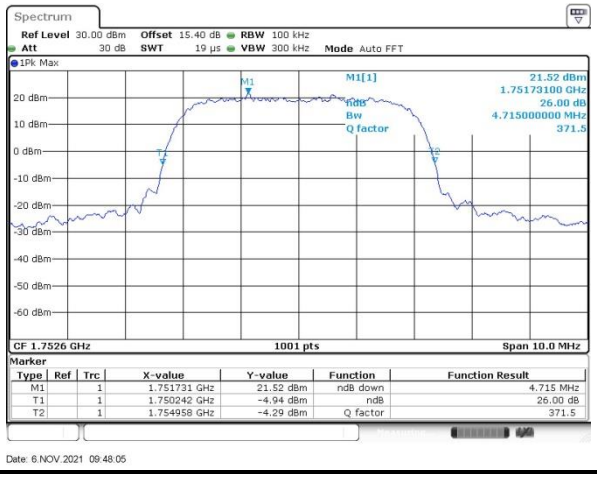
Lowest Channel



Middle Channel

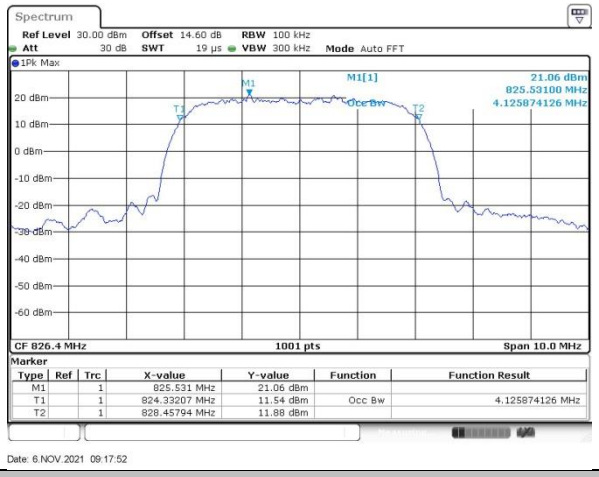
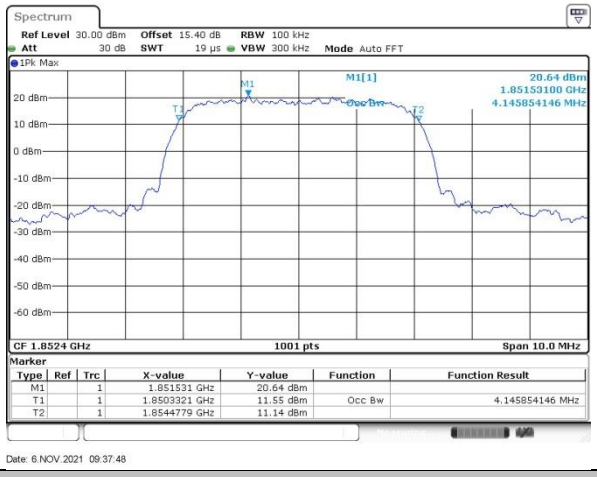
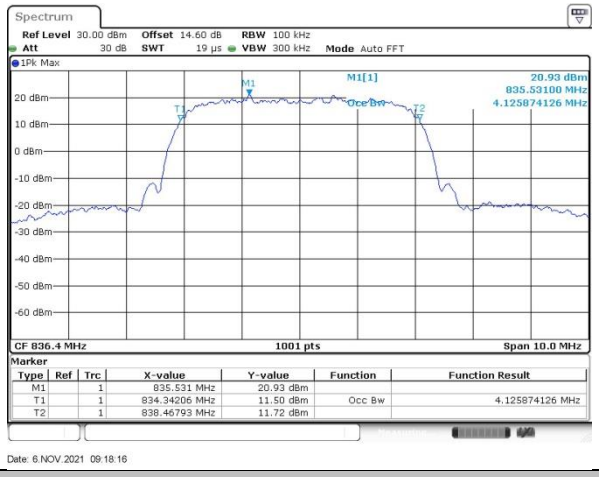
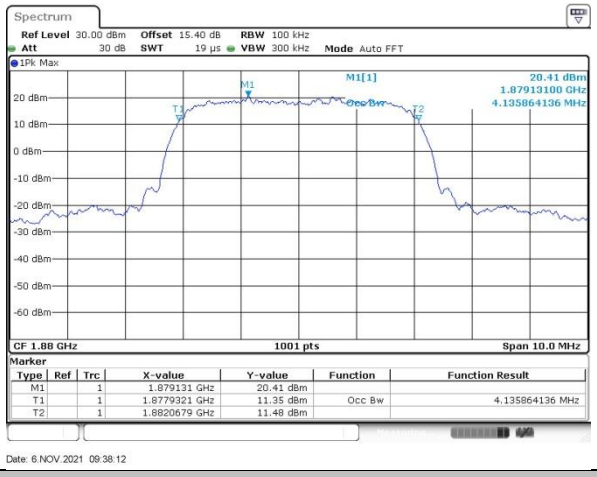
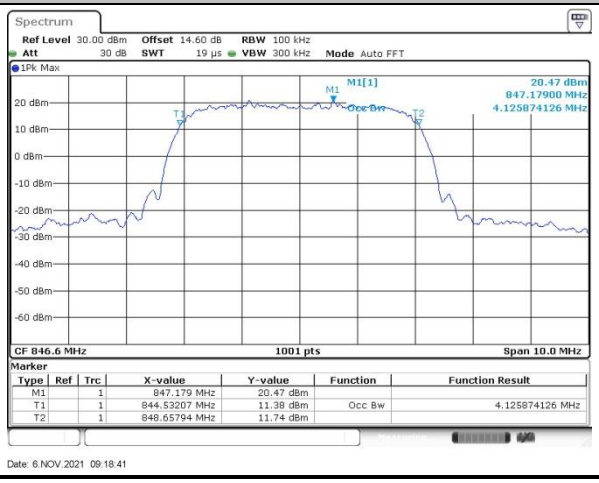
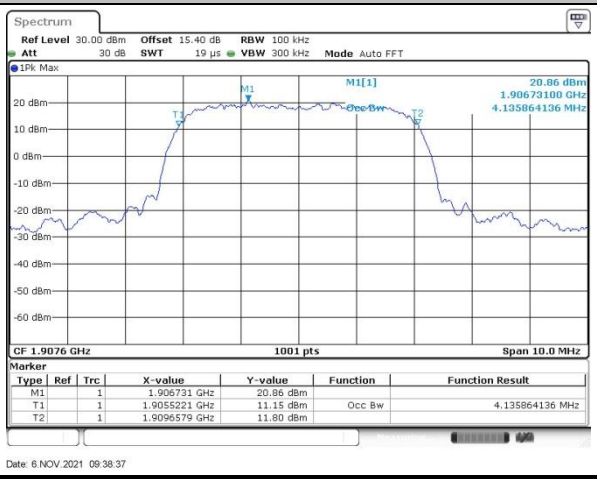


Highest Channel



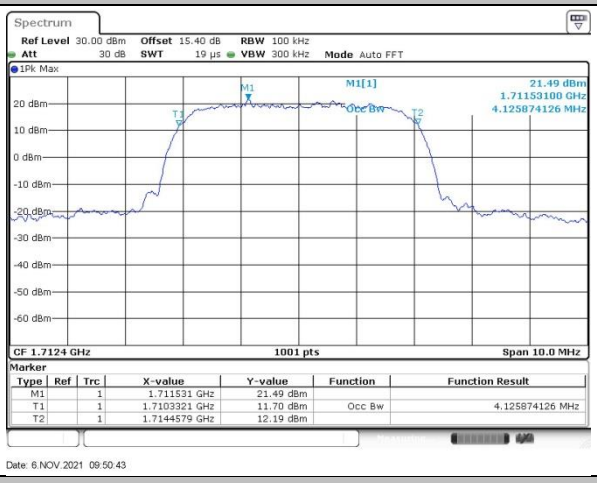
Occupied Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.13	4.15	4.13
Middle CH	4.13	4.14	4.13
Highest CH	4.13	4.14	4.12

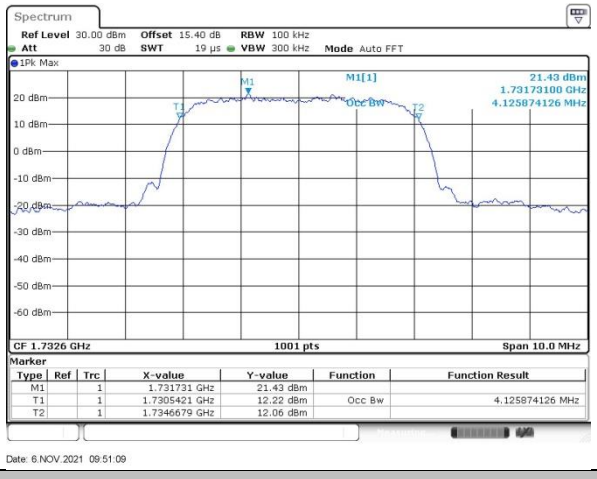
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band IV (RMC 12.2Kbps)

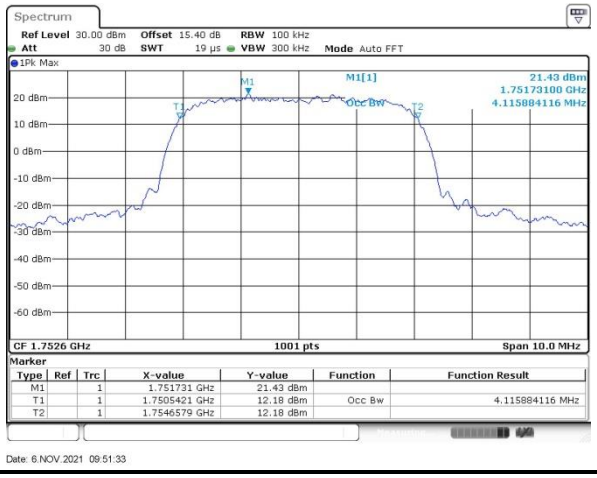
Lowest Channel



Middle Channel



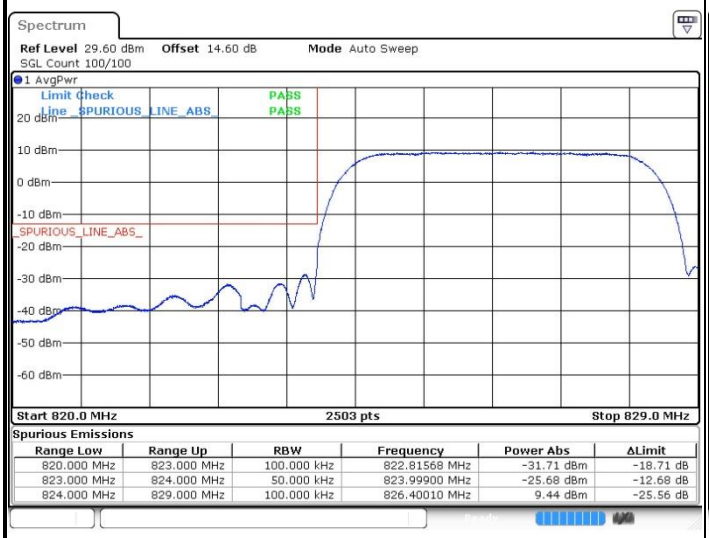
Highest Channel



Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	822.81568 MHz	-31.71 dBm	-18.71 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99900 MHz	-25.68 dBm	-12.68 dB
824.000 MHz	829.000 MHz	100.000 kHz	826.40010 MHz	9.44 dBm	-25.56 dB

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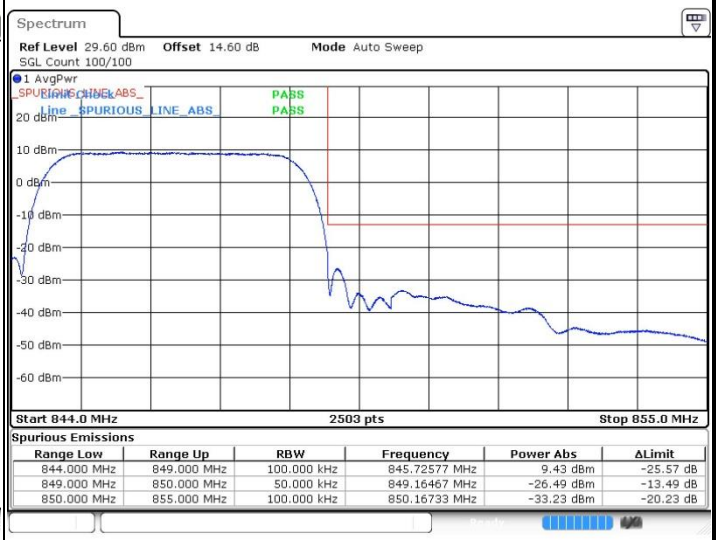
Highest Band Edge



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.72577 MHz	9.43 dBm	-25.57 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.16467 MHz	-26.49 dBm	-13.49 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.16733 MHz	-33.23 dBm	-20.23 dB

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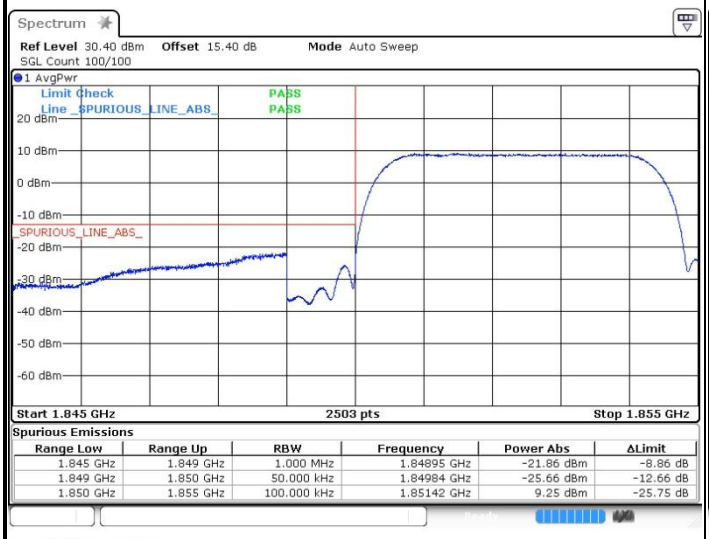
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.845 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-21.86 dBm	-8.86 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84984 GHz	-25.66 dBm	-12.66 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85142 GHz	9.25 dBm	-25.75 dB

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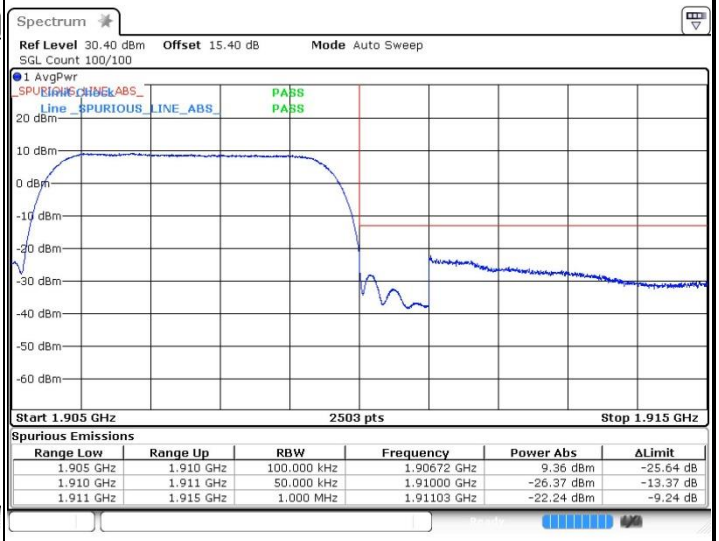
Highest Band Edge



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90672 GHz	9.36 dBm	-25.64 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-26.37 dBm	-13.37 dB
1.911 GHz	1.915 GHz	1.000 MHz	1.91103 GHz	-22.24 dBm	-9.24 dB

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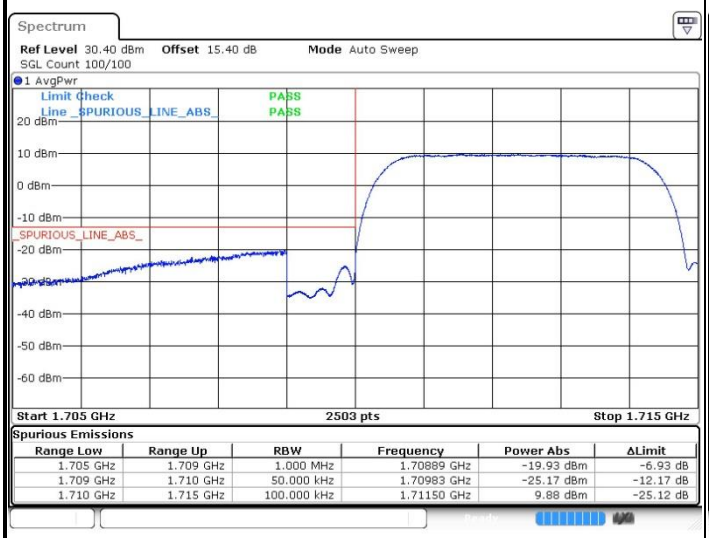
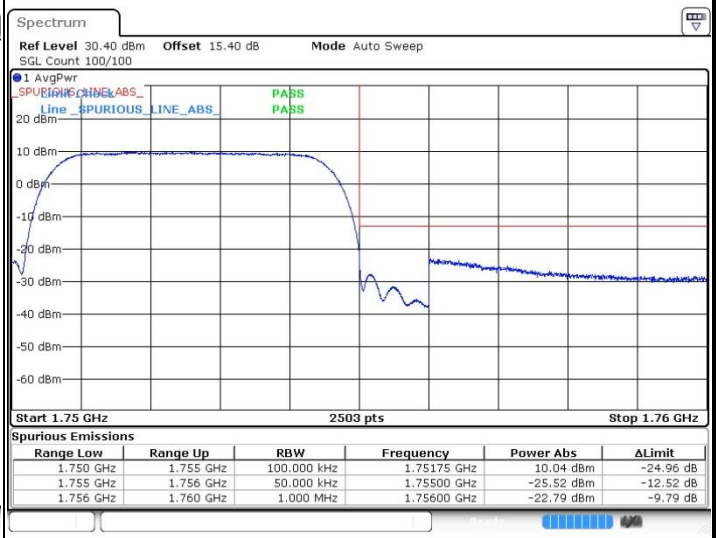
WCDMA Band IV (RMC 12.2Kbps)	
Lowest Band Edge	**Highest Band Edge**

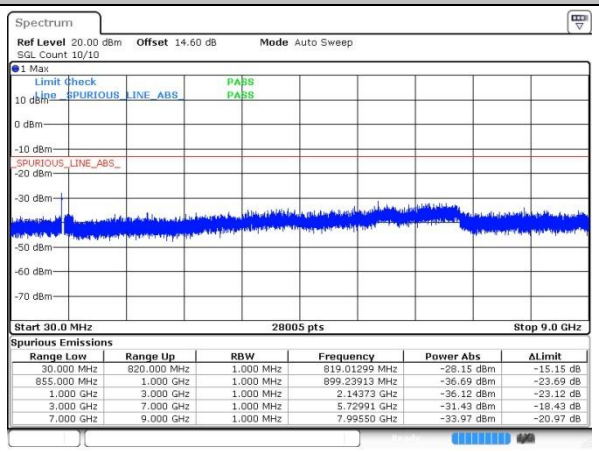




Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	819.01299 MHz	-28.15 dBm	-15.15 dB
855.000 MHz	1.000 GHz	1.000 MHz	899.23913 MHz	-36.69 dBm	-23.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.14373 GHz	-36.12 dBm	-23.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.72991 GHz	-31.43 dBm	-18.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99550 GHz	-33.97 dBm	-20.97 dB

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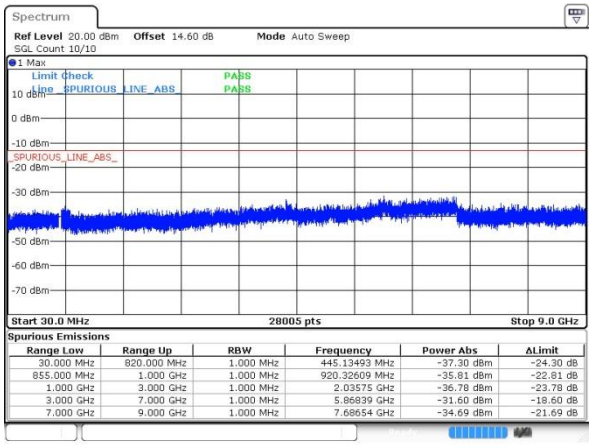
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	445.13493 MHz	-37.30 dBm	-24.30 dB
855.000 MHz	1.000 GHz	1.000 MHz	920.32609 MHz	-35.81 dBm	-22.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.03575 GHz	-36.78 dBm	-23.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.86839 GHz	-31.60 dBm	-18.60 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.68654 GHz	-34.69 dBm	-21.69 dB

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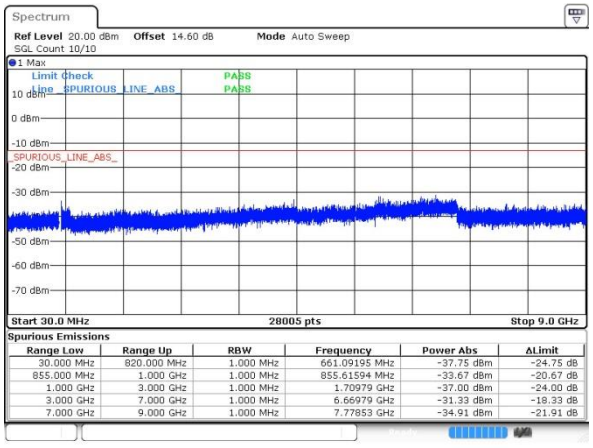
Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	661.09195 MHz	-37.75 dBm	-24.75 dB
855.000 MHz	1.000 GHz	1.000 MHz	855.61594 MHz	-33.67 dBm	-20.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.70979 GHz	-37.00 dBm	-24.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.66979 GHz	-31.33 dBm	-18.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.77853 GHz	-34.91 dBm	-21.91 dB

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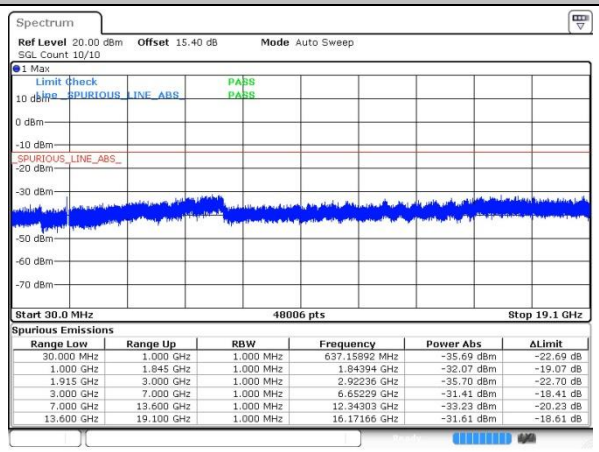
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	637.15892 MHz	-35.69 dBm	-22.69 dB
1.000 GHz	1.845 GHz	1.000 MHz	1.84394 GHz	-32.07 dBm	-19.07 dB
1.915 GHz	3.000 GHz	1.000 MHz	2.92236 GHz	-35.70 dBm	-22.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.65229 GHz	-31.41 dBm	-18.41 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.34303 GHz	-33.23 dBm	-20.23 dB
13.600 GHz	19.100 GHz	1.000 MHz	16.17166 GHz	-31.61 dBm	-18.61 dB

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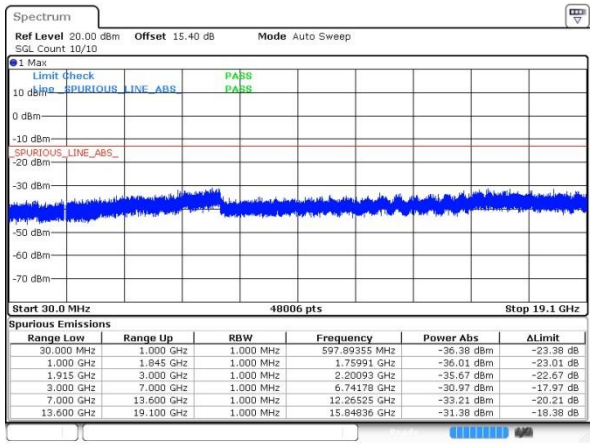
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	597.89355 MHz	-36.38 dBm	-23.38 dB
1.000 GHz	1.845 GHz	1.000 MHz	1.75991 GHz	-36.01 dBm	-23.01 dB
1.915 GHz	3.000 GHz	1.000 MHz	2.20093 GHz	-35.67 dBm	-22.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.74178 GHz	-30.97 dBm	-17.97 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.26525 GHz	-33.21 dBm	-20.21 dB
13.600 GHz	19.100 GHz	1.000 MHz	15.84836 GHz	-31.38 dBm	-18.38 dB

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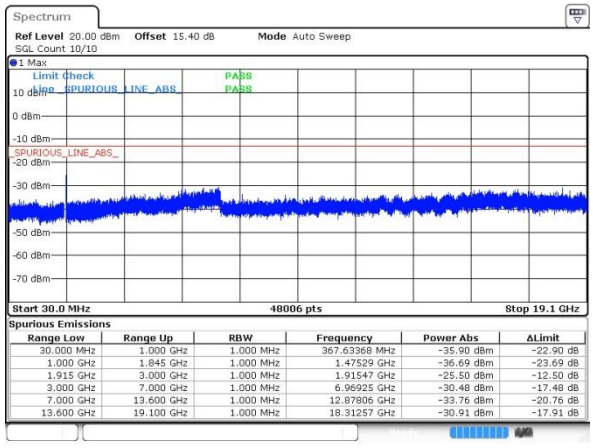
Highest Channel



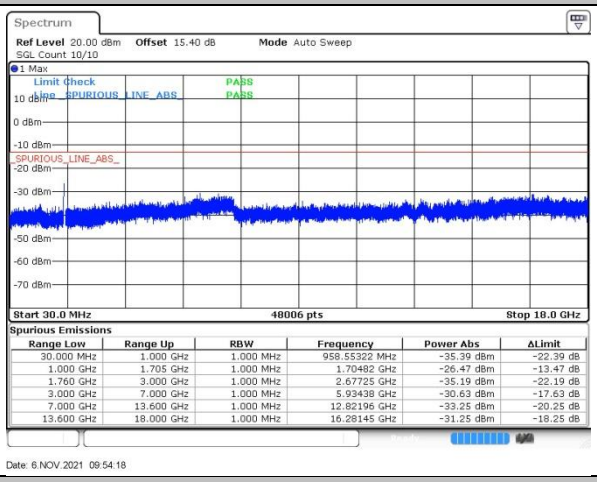
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	367.63368 MHz	-35.90 dBm	-22.90 dB
1.000 GHz	1.845 GHz	1.000 MHz	1.47529 GHz	-36.69 dBm	-23.69 dB
1.915 GHz	3.000 GHz	1.000 MHz	1.91547 GHz	-25.50 dBm	-12.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96925 GHz	-30.48 dBm	-17.48 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.87806 GHz	-33.76 dBm	-20.76 dB
13.600 GHz	19.100 GHz	1.000 MHz	18.31257 GHz	-30.91 dBm	-17.91 dB

Date: 6.NOV.2021 09:43:36

WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-35.39 dBm	-22.39 dB
1.000 GHz	1.705 GHz	1.000 MHz	1.70482 GHz	-26.47 dBm	-13.47 dB
1.760 GHz	3.000 GHz	1.000 MHz	2.67725 GHz	-35.19 dBm	-22.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.93438 GHz	-30.63 dBm	-17.63 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.82196 GHz	-33.25 dBm	-20.25 dB
13.600 GHz	18.000 GHz	1.000 MHz	16.28145 GHz	-31.25 dBm	-18.25 dB

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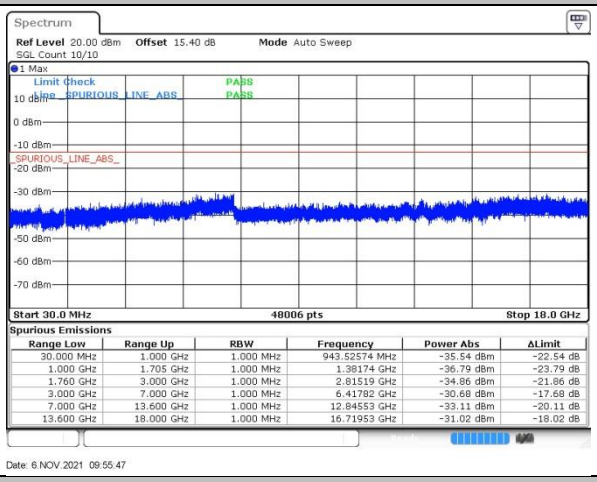
Middle Channel

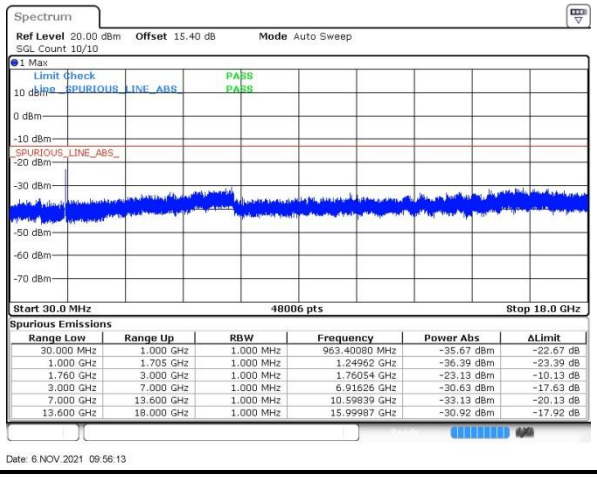


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-35.54 dBm	-22.54 dB
1.000 GHz	1.705 GHz	1.000 MHz	1.38174 GHz	-36.79 dBm	-23.79 dB
1.760 GHz	3.000 GHz	1.000 MHz	2.81519 GHz	-34.86 dBm	-21.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.41782 GHz	-30.68 dBm	-17.68 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.84553 GHz	-33.11 dBm	-20.11 dB
13.600 GHz	18.000 GHz	1.000 MHz	16.71953 GHz	-31.02 dBm	-18.02 dB

Date: 6.NOV.2021 09:55:47

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-35.67 dBm	-22.67 dB
1.000 GHz	1.705 GHz	1.000 MHz	1.24962 GHz	-36.39 dBm	-23.39 dB
1.760 GHz	3.000 GHz	1.000 MHz	1.76054 GHz	-23.13 dBm	-10.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91626 GHz	-30.63 dBm	-17.63 dB
7.000 GHz	13.600 GHz	1.000 MHz	10.59839 GHz	-33.13 dBm	-20.13 dB
13.600 GHz	18.000 GHz	1.000 MHz	15.99987 GHz	-30.92 dBm	-17.92 dB

Date: 6.NOV.2021 09:56:13

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	0.0072	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0069	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0065	

Note: Normal Voltage = 3.87V ; Battery End Point (BEP) =3.6V ; Maximum Voltage =4.2V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 3.87V；Battery End Point (BEP) =3.6V；Maximum Voltage =4.2V

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	0.0042	PASS
40	Normal Voltage	0.0148	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0048	
-10	Normal Voltage	0.0176	
-20	Normal Voltage	0.0167	
-30	Normal Voltage	0.0063	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0114	

Note:

1. Normal Voltage = 3.87V；Battery End Point (BEP) =3.6V；Maximum Voltage =4.2V

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 :	Chris Chen	Temperature :	22~23℃
		Relative Humidity :	41~42%

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	-53.30	-13	-40.30	-60.27	1.58	10.70	H
	2510	-19.11	-13	-6.11	-27.36	2.10	12.50	H
	3348	-52.33	-13	-39.33	-61.22	2.86	13.90	H
	4182	-29.84	-13	-16.84	-38.30	2.69	13.30	H
	5016	-53.68	-13	-40.68	-61.44	3.09	13.00	H
	5856	-32.57	-13	-19.57	-41.34	3.18	14.10	H
	6690	-59.23	-13	-46.23	-66.47	3.31	12.70	H
	7530	-44.91	-13	-31.91	-52.50	3.41	13.15	H
	1672	-53.68	-13	-40.68	-60.65	1.58	10.70	V
	2510	-20.89	-13	-7.89	-29.14	2.10	12.50	V
	3348	-56.16	-13	-43.16	-65.05	2.86	13.90	V
	4182	-33.39	-13	-20.39	-41.85	2.69	13.30	V
	5016	-57.70	-13	-44.70	-65.46	3.09	13.00	V
	5856	-40.75	-13	-27.75	-49.52	3.18	14.10	V
	6690	-59.37	-13	-46.37	-66.61	3.31	12.70	V
	7530	-43.39	-13	-30.39	-50.98	3.41	13.15	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	-59.41	-13	-46.41	-66.38	1.58	10.70	H
	2510	-19.13	-13	-6.13	-27.38	2.102	12.50	H
	3342	-60.30	-13	-47.30	-69.19	2.856	13.90	H
	4182	-39.08	-13	-26.08	-47.54	2.689	13.30	H
	5016	-56.80	-13	-43.80	-64.56	3.093	13.00	H
	5856	-48.40	-13	-35.40	-57.17	3.178	14.10	H
	6690	-59.47	-13	-46.47	-66.71	3.306	12.70	H
	7530	-55.73	-13	-42.73	-63.32	3.406	13.15	H
	1672	-55.92	-13	-42.92	-62.89	1.58	10.70	V
	2508	-20.52	-13	-7.52	-28.77	2.10	12.50	V
	3348	-56.36	-13	-43.36	-65.25	2.86	13.90	V
	4182	-33.97	-13	-20.97	-42.43	2.69	13.30	V
	5016	-59.22	-13	-46.22	-66.98	3.09	13.00	V
	5856	-40.18	-13	-27.18	-48.95	3.18	14.10	V
	6690	-59.56	-13	-46.56	-66.80	3.31	12.70	V
	7530	-46.16	-13	-33.16	-53.75	3.41	13.15	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	-54.84	-13	-41.84	-67.10	2.641	14.90	H
	5640	-57.22	-13	-44.22	-69.08	2.94	14.80	H
	7524	-54.55	-13	-41.55	-64.32	3.39	13.16	H
	9396	-48.06	-13	-35.06	-58.54	4.00	14.48	H
	3759	-51.50	-13	-38.50	-63.76	2.64	14.90	V
	5640	-57.73	-13	-44.73	-69.59	2.94	14.80	V
	7524	-54.68	-13	-41.68	-64.45	3.39	13.16	V
	9396	-52.46	-13	-39.46	-62.94	4.00	14.48	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	-50.96	-13	-37.96	-63.22	2.641	14.90	H
	5640	-54.98	-13	-41.98	-66.84	2.94	14.80	H
	7524	-54.49	-13	-41.49	-64.26	3.39	13.16	H
	3759	-50.21	-13	-37.21	-62.47	2.64	14.90	V
	5640	-53.25	-13	-40.25	-65.11	2.94	14.80	V
	7524	-53.85	-13	-40.85	-63.62	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	-66.26	-13	-53.26	-73.23	1.58	10.70	H
	2510	-61.64	-13	-48.64	-69.89	2.102	12.50	H
	3348	-61.71	-13	-48.71	-70.60	2.856	13.90	H
	1672	-65.34	-13	-52.34	-72.31	1.58	10.70	V
	2510	-60.95	-13	-47.95	-69.20	2.10	12.50	V
	3348	-61.75	-13	-48.75	-70.64	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	-57.85	-13	-44.85	-70.11	2.64	14.90	H
	5640	-57.06	-13	-44.06	-68.92	2.94	14.80	H
	7524	-54.29	-13	-41.29	-64.06	3.39	13.16	H
	3759	-57.45	-13	-44.45	-69.71	2.64	14.90	V
	5640	-57.66	-13	-44.66	-69.52	2.94	14.80	V
	7524	-54.16	-13	-41.16	-63.93	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	-60.03	-13	-47.03	-70.77	2.604	13.34	H
	5199	-57.53	-13	-44.53	-68.04	3.011	13.52	H
	6936	-55.98	-13	-42.98	-66.18	3.271	13.47	H
	3465	-60.14	-13	-47.14	-70.88	2.604	13.34	V
	5199	-57.41	-13	-44.41	-67.92	3.011	13.52	V
	6936	-56.01	-13	-43.01	-66.21	3.271	13.47	V

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