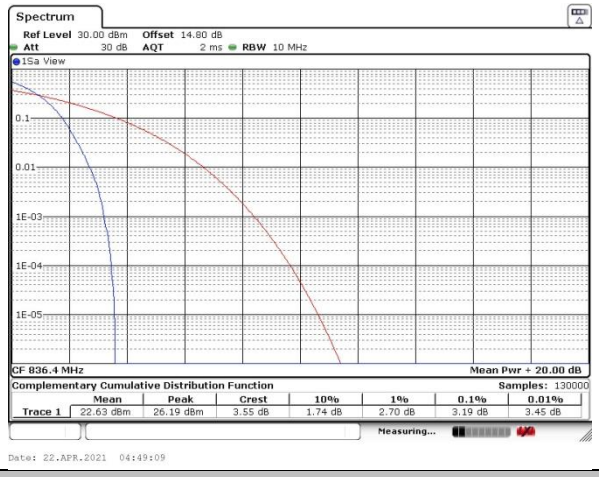
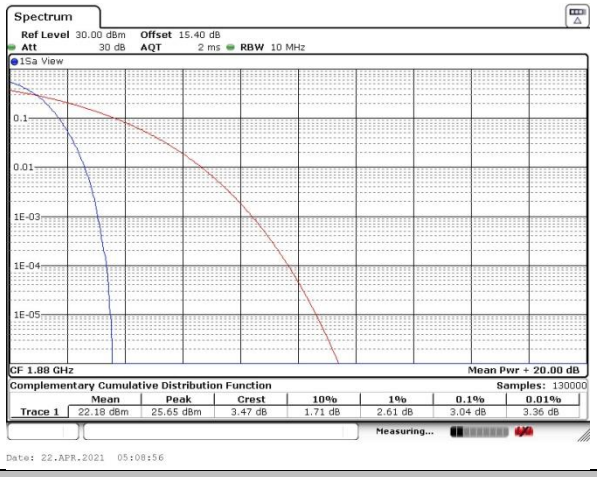
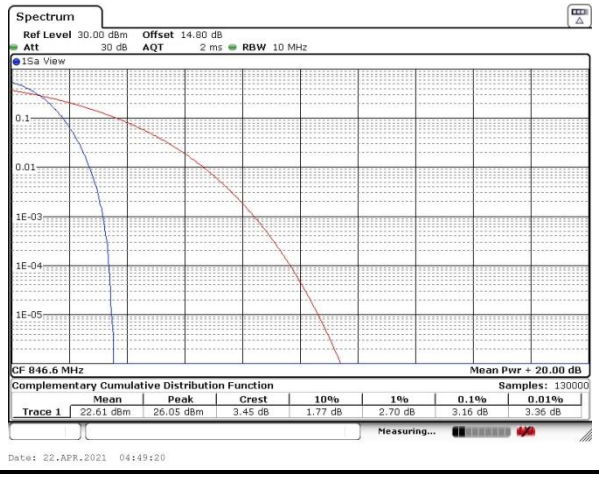
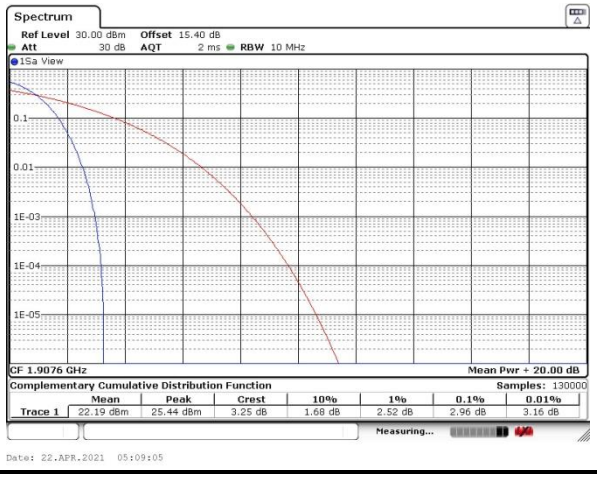
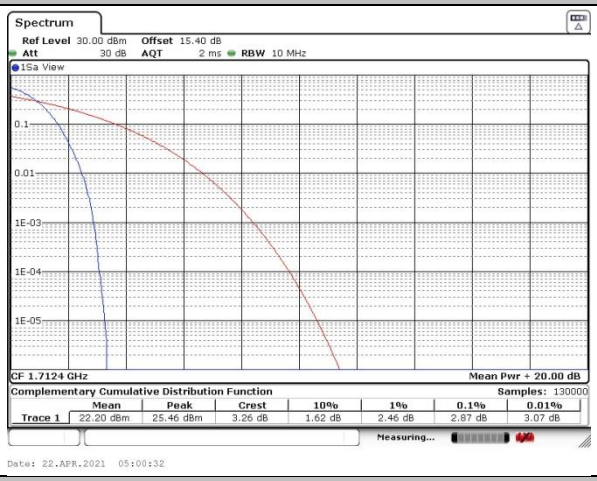
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

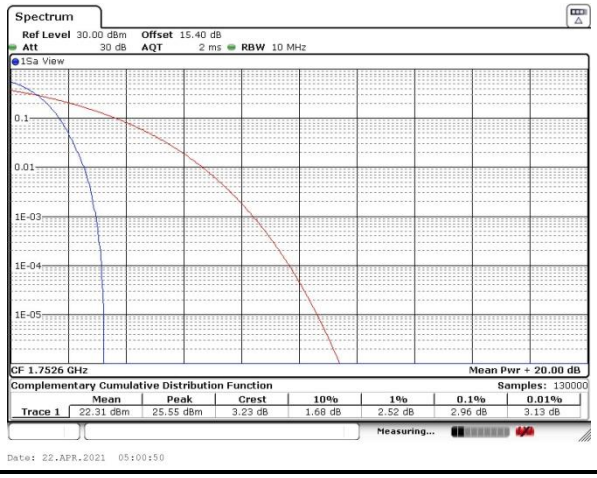
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



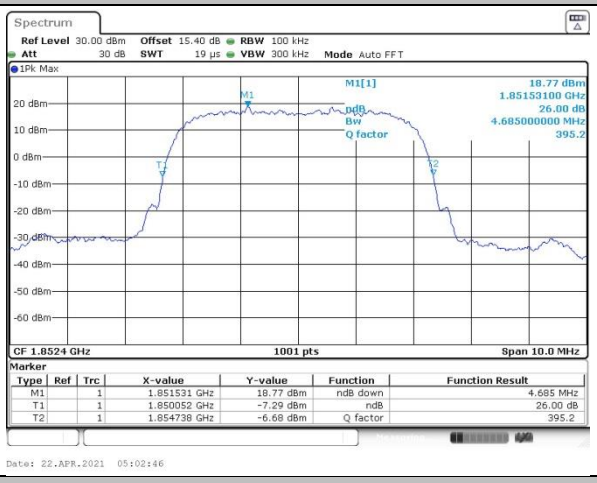
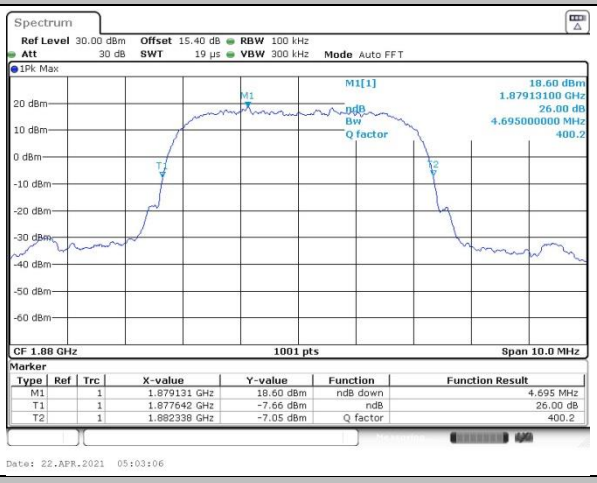
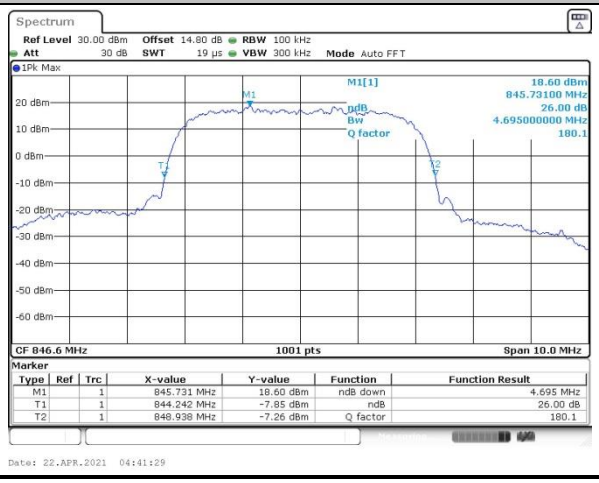
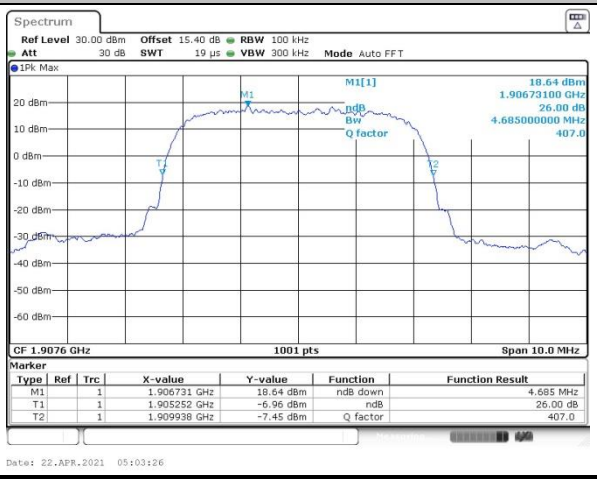
Middle Channel

Highest Channel



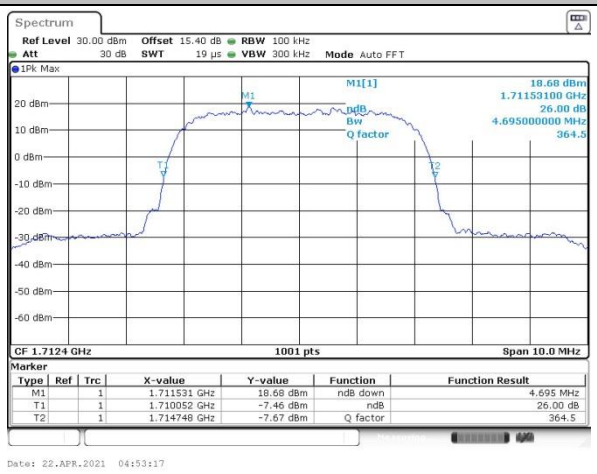
26dB Bandwidth

Mode	WCDMA Band V	WCDMA Band II	WCDMA Band IV
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.69	4.69	4.70
Middle CH	4.70	4.70	4.70
Highest CH	4.70	4.69	4.71

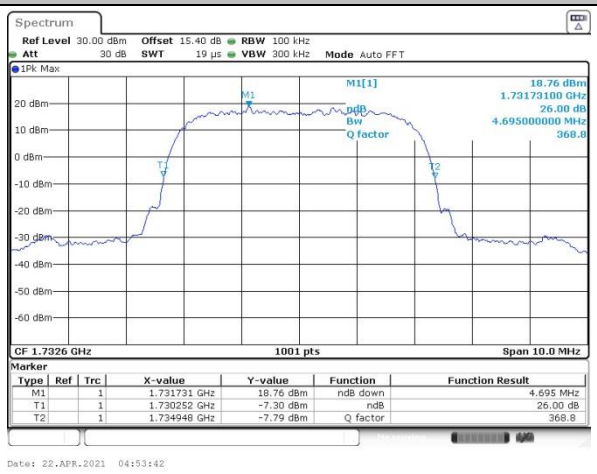
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band IV (RMC 12.2Kbps)

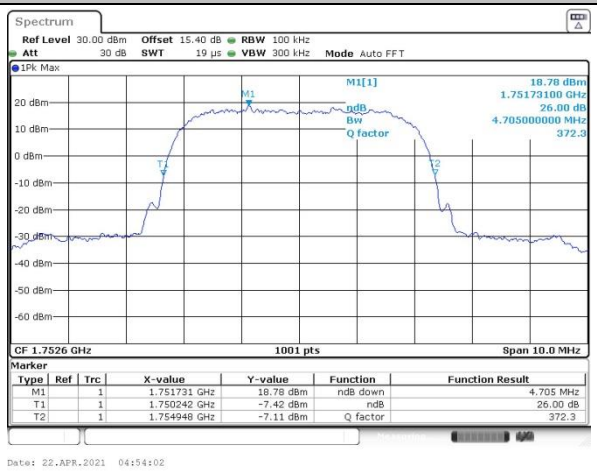
Lowest Channel



Middle Channel

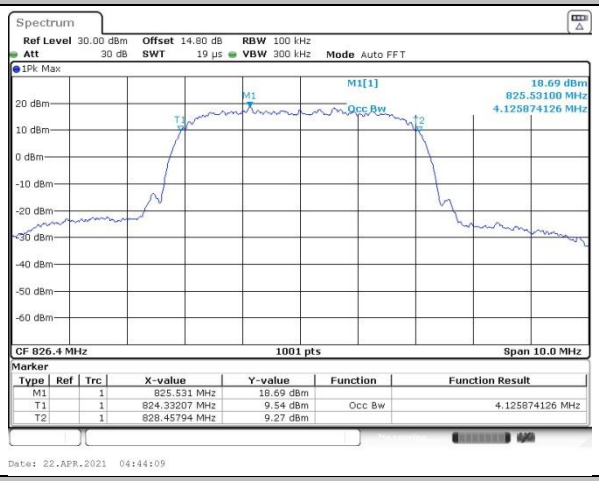
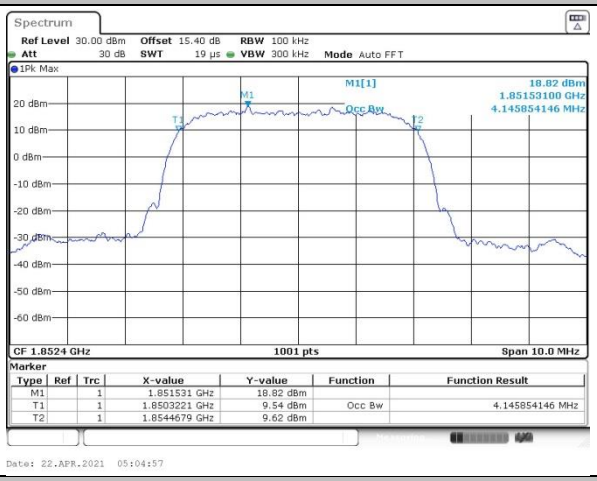
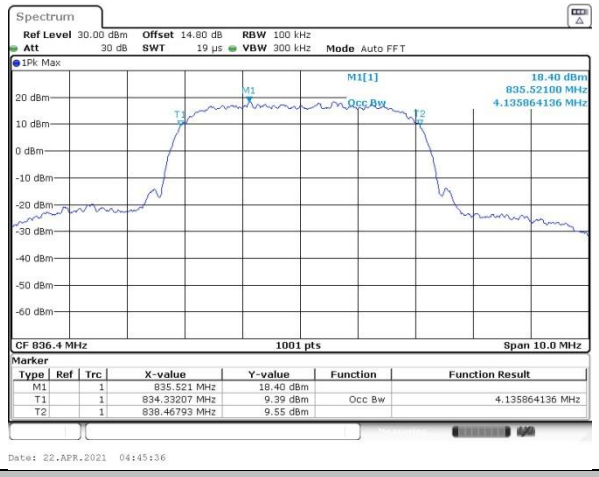
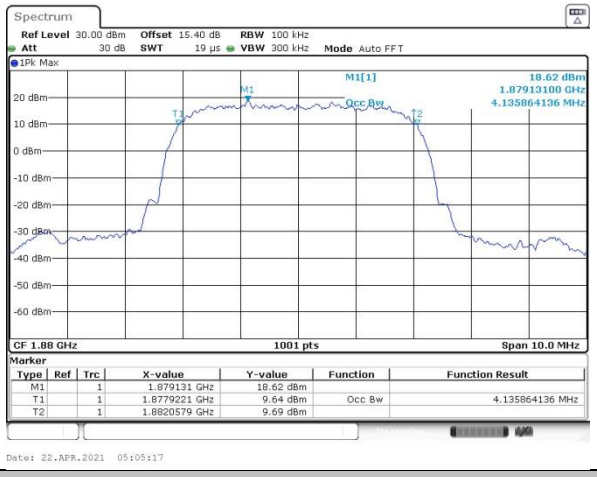
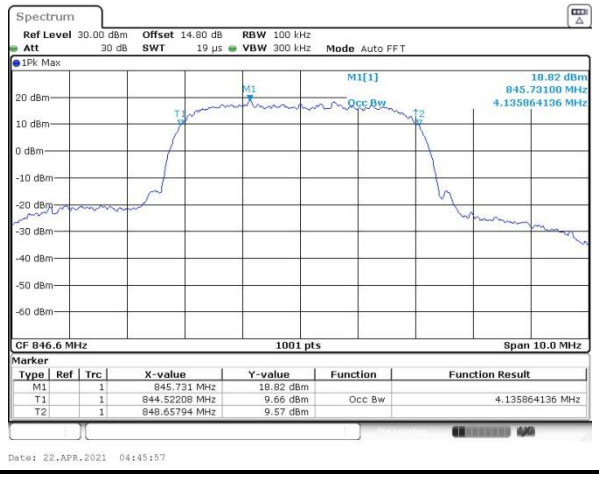
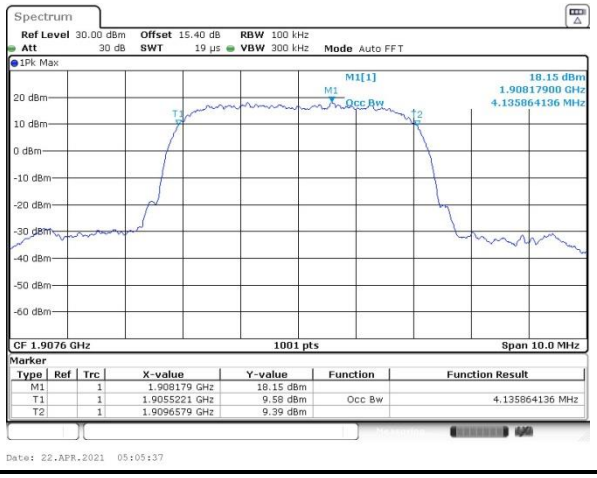


Highest Channel



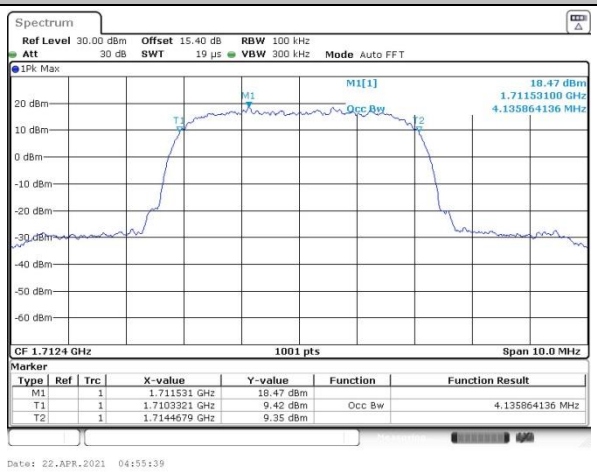
Occupied Bandwidth

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	4.14
Middle CH	4.14	4.14	4.14
Highest CH	4.14	4.14	4.15

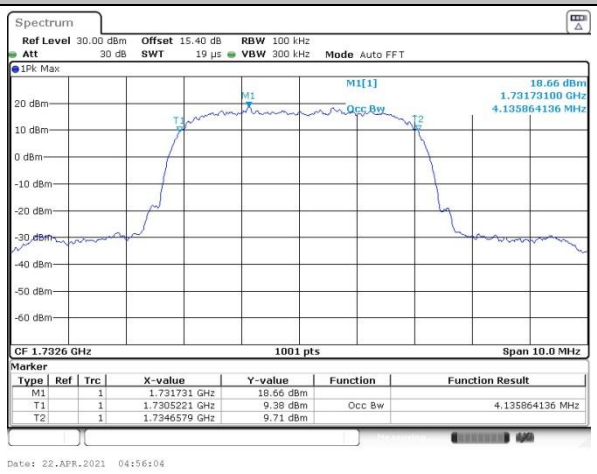
WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

WCDMA Band IV (RMC 12.2Kbps)

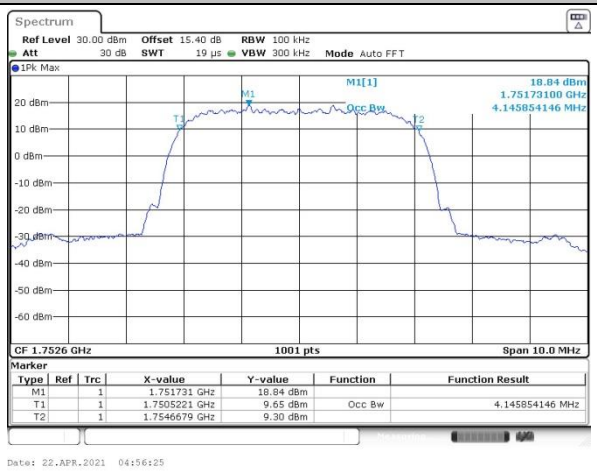
Lowest Channel



Middle Channel



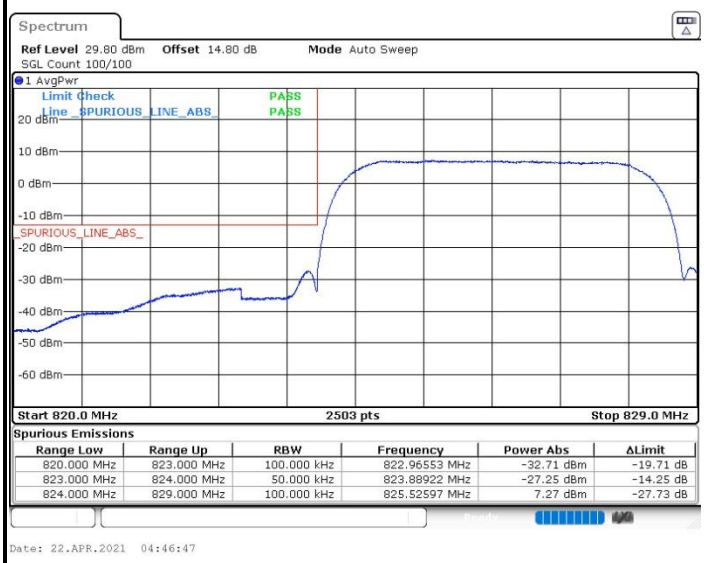
Highest Channel



Conducted Band Edge

WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge

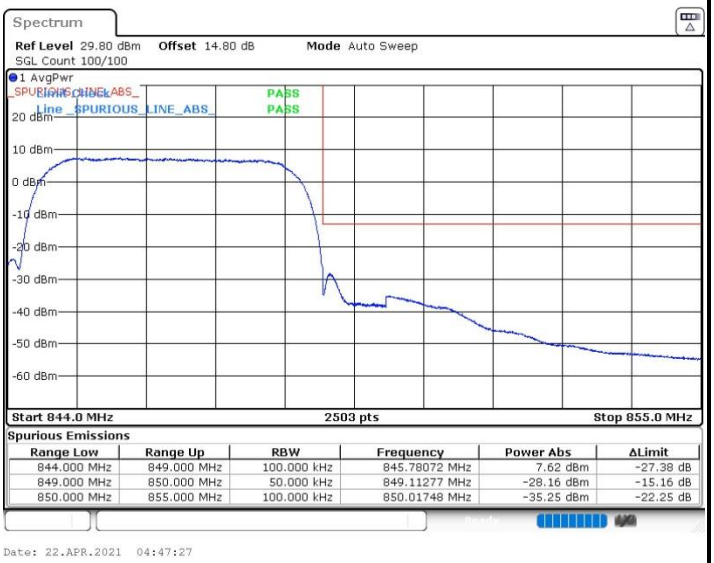


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
820.000 MHz	823.000 MHz	100.000 kHz	822.96553 MHz	-32.71 dBm	-19.71 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.88922 MHz	-27.25 dBm	-14.25 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.52597 MHz	7.27 dBm	-27.73 dB

Date: 22.APR.2021 04:46:47

Highest Band Edge



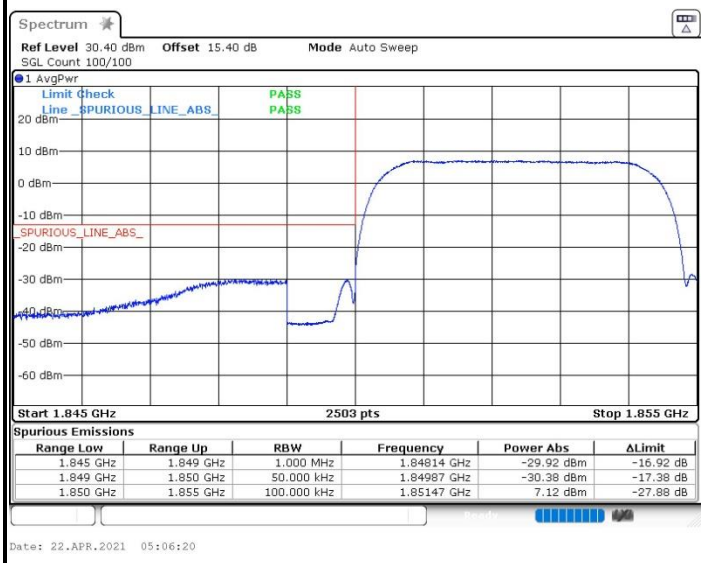
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.78072 MHz	7.62 dBm	-27.38 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.11277 MHz	-28.16 dBm	-15.16 dB
850.000 MHz	855.000 MHz	100.000 kHz	850.01748 MHz	-35.25 dBm	-22.25 dB

Date: 22.APR.2021 04:47:27

WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge

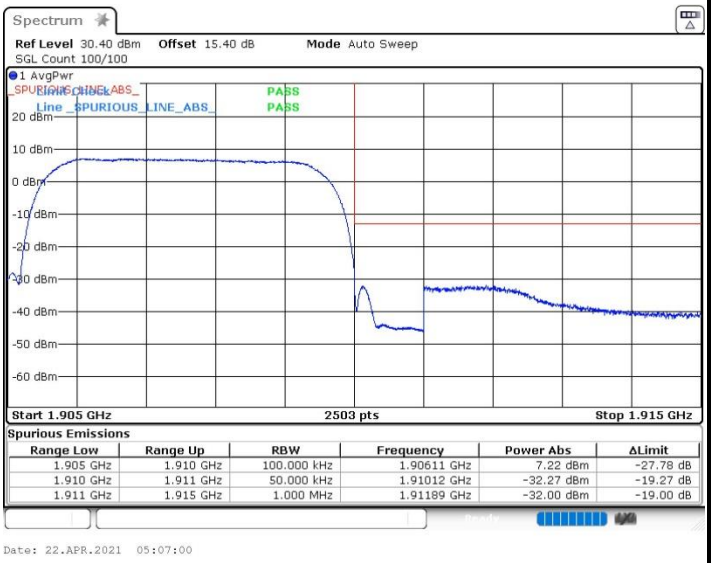


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.845 GHz	1.849 GHz	1.000 MHz	1.84814 GHz	-29.92 dBm	-16.92 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84987 GHz	-30.38 dBm	-17.38 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85147 GHz	7.12 dBm	-27.88 dB

Date: 22.APR.2021 05:06:20

Highest Band Edge

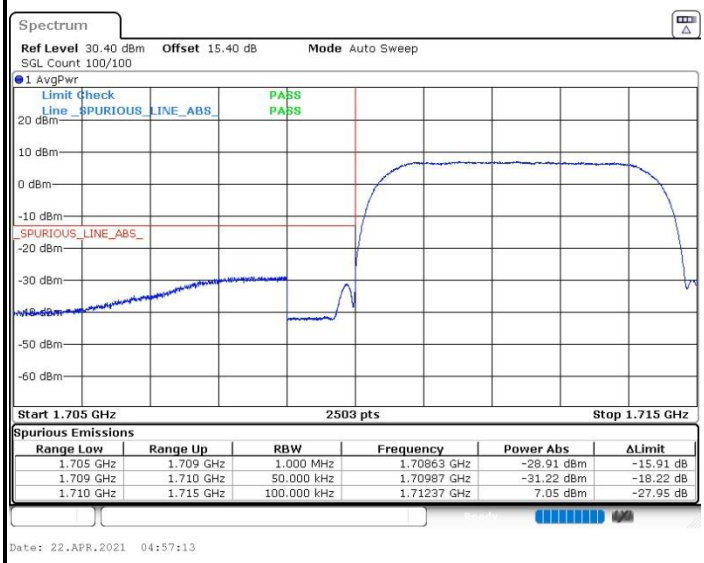


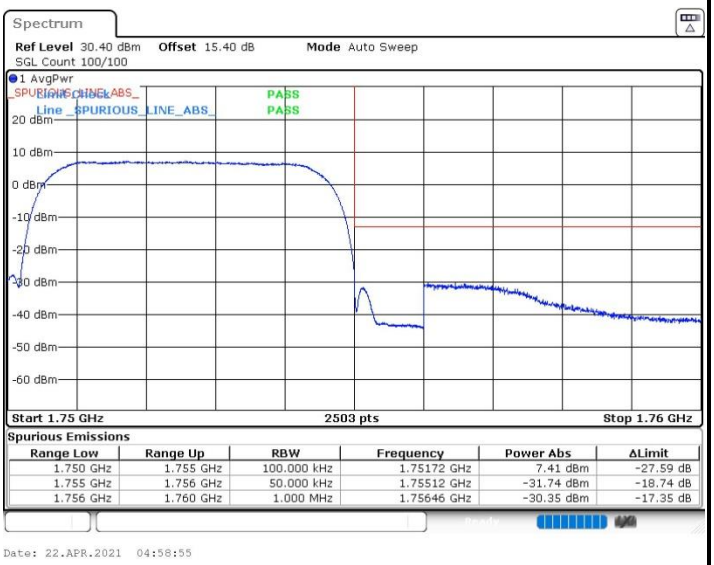
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90611 GHz	7.22 dBm	-27.78 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91012 GHz	-32.27 dBm	-19.27 dB
1.911 GHz	1.915 GHz	1.000 MHz	1.91189 GHz	-32.00 dBm	-19.00 dB

Date: 22.APR.2021 05:07:00

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

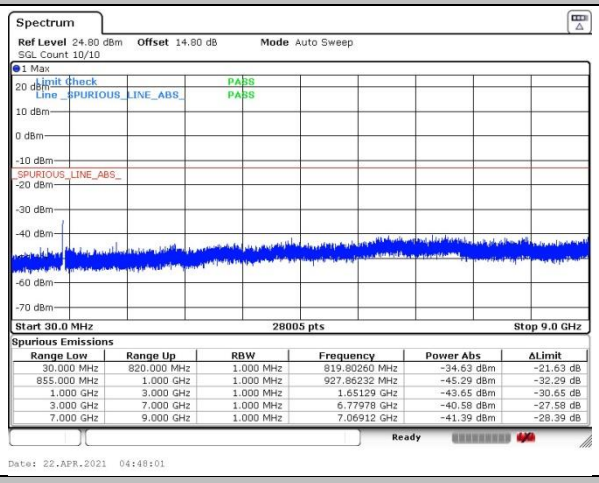




Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

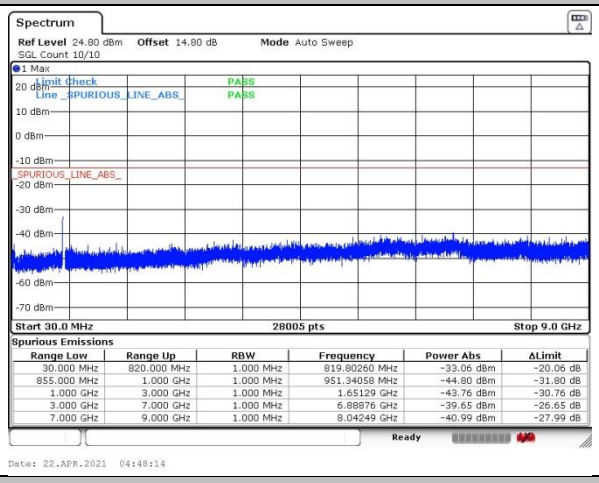
Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	819.80260 MHz	-34.63 dBm	-21.63 dB
855.000 MHz	1.000 GHz	1.000 MHz	927.86232 MHz	-45.29 dBm	-32.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65129 GHz	-43.65 dBm	-30.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77979 GHz	-40.58 dBm	-27.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06912 GHz	-41.39 dBm	-28.39 dB

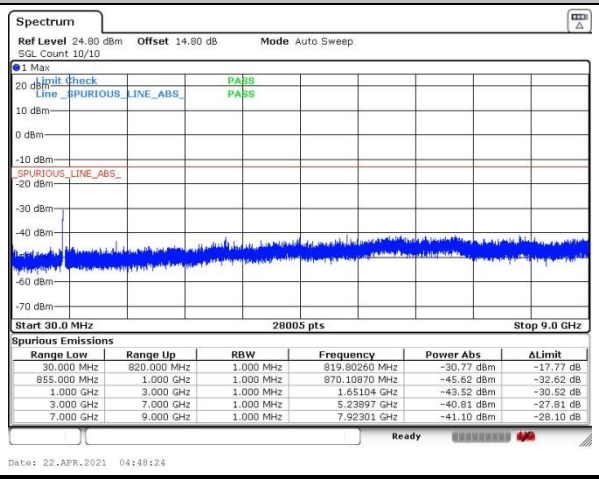
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	819.80260 MHz	-33.06 dBm	-20.06 dB
855.000 MHz	1.000 GHz	1.000 MHz	951.34058 MHz	-44.80 dBm	-31.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65129 GHz	-43.76 dBm	-30.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88876 GHz	-39.65 dBm	-26.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.04249 GHz	-40.99 dBm	-27.99 dB

Highest Channel

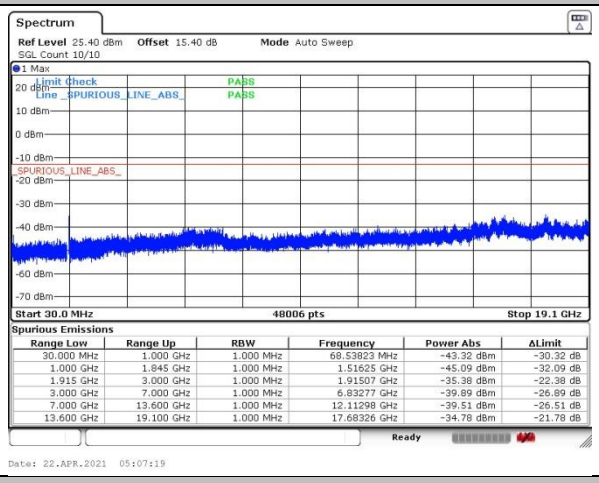


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	820.000 MHz	1.000 MHz	819.80260 MHz	-30.77 dBm	-17.77 dB
855.000 MHz	1.000 GHz	1.000 MHz	870.10870 MHz	-45.62 dBm	-32.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65104 GHz	-43.52 dBm	-30.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.23897 GHz	-40.81 dBm	-27.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.92301 GHz	-41.10 dBm	-28.10 dB

WCDMA Band II (RMC 12.2Kbps)

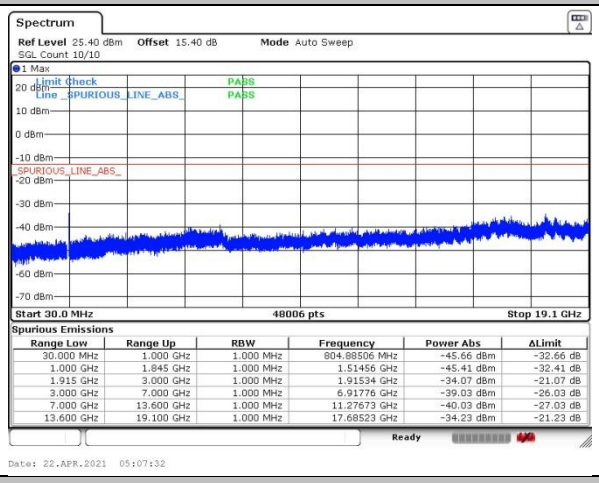
Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	68.53823 MHz	-43.32 dBm	-30.32 dB
1.000 GHz	1.845 GHz	1.000 MHz	1.51625 GHz	-45.09 dBm	-32.09 dB
1.915 GHz	3.000 GHz	1.000 MHz	1.91507 GHz	-35.38 dBm	-22.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83277 GHz	-39.89 dBm	-26.89 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.11298 GHz	-39.51 dBm	-26.51 dB
13.600 GHz	19.100 GHz	1.000 MHz	17.68326 GHz	-34.78 dBm	-21.78 dB

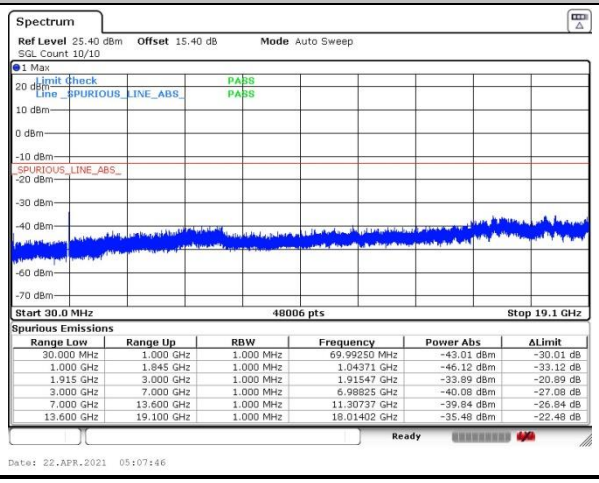
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	804.88506 MHz	-45.66 dBm	-32.66 dB
1.000 GHz	1.845 GHz	1.000 MHz	1.51456 GHz	-45.41 dBm	-32.41 dB
1.915 GHz	3.000 GHz	1.000 MHz	1.91534 GHz	-34.07 dBm	-21.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91776 GHz	-39.03 dBm	-26.03 dB
7.000 GHz	13.600 GHz	1.000 MHz	11.27673 GHz	-40.03 dBm	-27.03 dB
13.600 GHz	19.100 GHz	1.000 MHz	17.68523 GHz	-34.23 dBm	-21.23 dB

Highest Channel

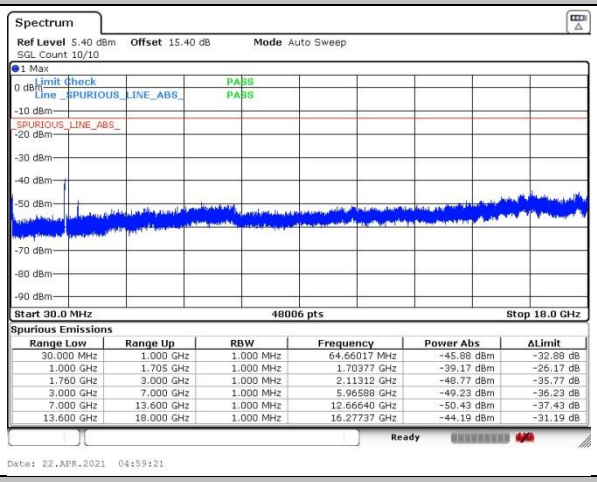


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	69.99250 MHz	-43.01 dBm	-30.01 dB
1.000 GHz	1.845 GHz	1.000 MHz	1.04371 GHz	-46.12 dBm	-33.12 dB
1.915 GHz	3.000 GHz	1.000 MHz	1.91547 GHz	-33.89 dBm	-20.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-40.08 dBm	-27.08 dB
7.000 GHz	13.600 GHz	1.000 MHz	11.30737 GHz	-39.84 dBm	-26.84 dB
13.600 GHz	19.100 GHz	1.000 MHz	18.01402 GHz	-35.48 dBm	-22.48 dB

WCDMA Band IV (RMC 12.2Kbps)

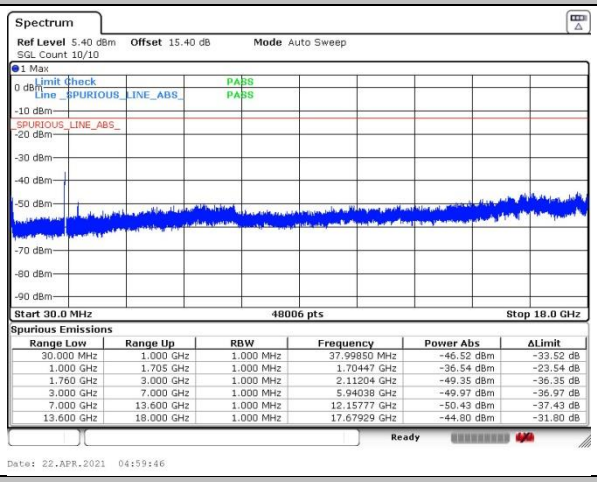
Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	64.66017 MHz	-45.88 dBm	-32.88 dB
1.000 GHz	1.705 GHz	1.000 MHz	1.70377 GHz	-39.17 dBm	-26.17 dB
1.760 GHz	3.000 GHz	1.000 MHz	2.11312 GHz	-48.77 dBm	-35.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.96588 GHz	-49.23 dBm	-36.23 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.66640 GHz	-50.43 dBm	-37.43 dB
13.600 GHz	18.000 GHz	1.000 MHz	16.27737 GHz	-44.19 dBm	-31.19 dB

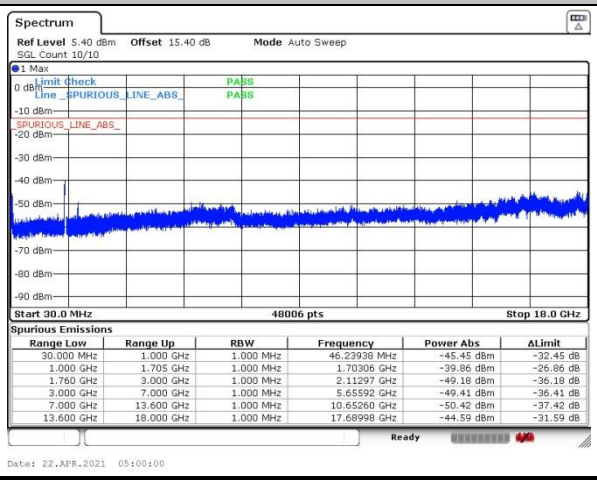
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	37.99850 MHz	-46.52 dBm	-33.52 dB
1.000 GHz	1.705 GHz	1.000 MHz	1.70447 GHz	-36.54 dBm	-23.54 dB
1.760 GHz	3.000 GHz	1.000 MHz	2.11204 GHz	-49.35 dBm	-36.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.94038 GHz	-49.97 dBm	-36.97 dB
7.000 GHz	13.600 GHz	1.000 MHz	12.15777 GHz	-50.43 dBm	-37.43 dB
13.600 GHz	18.000 GHz	1.000 MHz	17.67929 GHz	-44.80 dBm	-31.80 dB

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	46.23938 MHz	-45.45 dBm	-32.45 dB
1.000 GHz	1.705 GHz	1.000 MHz	1.70306 GHz	-39.86 dBm	-26.86 dB
1.760 GHz	3.000 GHz	1.000 MHz	2.11297 GHz	-49.18 dBm	-36.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.65592 GHz	-49.41 dBm	-36.41 dB
7.000 GHz	13.600 GHz	1.000 MHz	10.65260 GHz	-50.42 dBm	-37.42 dB
13.600 GHz	18.000 GHz	1.000 MHz	17.68998 GHz	-44.59 dBm	-31.59 dB

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	0.0216	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0135	
0	Normal Voltage	0.0169	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0211	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0111	
20	Battery End Point	0.0065	

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	0.0111	
30	Normal Voltage	0.0126	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0136	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0122	
-20	Normal Voltage	0.0127	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0056	
20	Battery End Point	0.0021	

Test Conditions	Middle Channel	WCDMA Band IV (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0133	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0125	
0	Normal Voltage	0.0136	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0113	
-30	Normal Voltage	0.0036	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0128	
20	Battery End Point	0.0055	

Note:

1. Normal Voltage = 3.85V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.4V

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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672	-55.68	-13	-42.68	-62.65	1.58	10.70	H
	2510	-56.62	-13	-43.62	-64.87	2.10	12.50	H
	3348	-59.76	-13	-46.76	-68.65	2.86	13.90	H
	1672	-52.86	-13	-39.86	-59.83	1.58	10.70	V
	2510	-53.68	-13	-40.68	-61.93	2.10	12.50	V
	3348	-59.99	-13	-46.99	-68.88	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	-59.02	-13	-46.02	-65.99	1.58	10.70	H
	2510	-42.97	-13	-29.97	-51.22	2.10	12.50	H
	3348	-60.24	-13	-47.24	-69.13	2.86	13.90	H
	1672	-54.34	-13	-41.34	-61.31	1.58	10.70	V
	2510	-55.17	-13	-42.17	-63.42	2.10	12.50	V
	3348	-60.30	-13	-47.30	-69.19	2.86	13.90	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	-64.93	-13	-51.93	-71.90	1.58	10.70	H
	2510	-59.96	-13	-46.96	-68.21	2.10	12.50	H
	3348	-59.67	-13	-46.67	-68.56	2.86	13.90	H
	1672	-63.80	-13	-50.80	-70.77	1.58	10.70	V
	2510	-59.13	-13	-46.13	-67.38	2.10	12.50	V
	3348	-59.44	-13	-46.44	-68.33	2.86	13.90	V

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

GSM1900 (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	3759	-55.67	-13	-42.67	-67.93	2.641	14.90	H
	5640	-43.35	-13	-30.35	-55.21	2.94	14.80	H
	7524	-52.52	-13	-39.52	-62.29	3.39	13.16	H
	3759	-56.67	-13	-43.67	-68.93	2.64	14.90	V
	5640	-45.39	-13	-32.39	-57.25	2.94	14.80	V
	7524	-52.30	-13	-39.30	-62.07	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)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3759	-56.47	-13	-43.47	-68.73	2.641	14.90	H
	5640	-44.70	-13	-31.70	-56.56	2.94	14.80	H
	7524	-52.87	-13	-39.87	-62.64	3.39	13.16	H
	3759	-56.78	-13	-43.78	-69.04	2.64	14.90	V
	5640	-43.85	-13	-30.85	-55.71	2.94	14.80	V
	7524	-52.23	-13	-39.23	-62.00	3.39	13.16	V

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

WCDMA Band II(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	3759	-57.10	-13	-44.10	-69.36	2.64	14.90	H
	5640	-54.74	-13	-41.74	-66.60	2.94	14.80	H
	7524	-52.71	-13	-39.71	-62.48	3.39	13.16	H
	3759	-56.45	-13	-43.45	-68.71	2.64	14.90	V
	5640	-55.07	-13	-42.07	-66.93	2.94	14.80	V
	7524	-53.52	-13	-40.52	-63.29	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)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3465	-57.90	-13	-44.90	-68.64	2.604	13.34	H
	5199	-54.94	-13	-41.94	-65.45	3.011	13.52	H
	6936	-54.56	-13	-41.56	-64.76	3.271	13.47	H
	3465	-58.39	-13	-45.39	-69.13	2.604	13.34	V
	5199	-55.18	-13	-42.18	-65.69	3.011	13.52	V
	6936	-54.25	-13	-41.25	-64.45	3.271	13.47	V

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