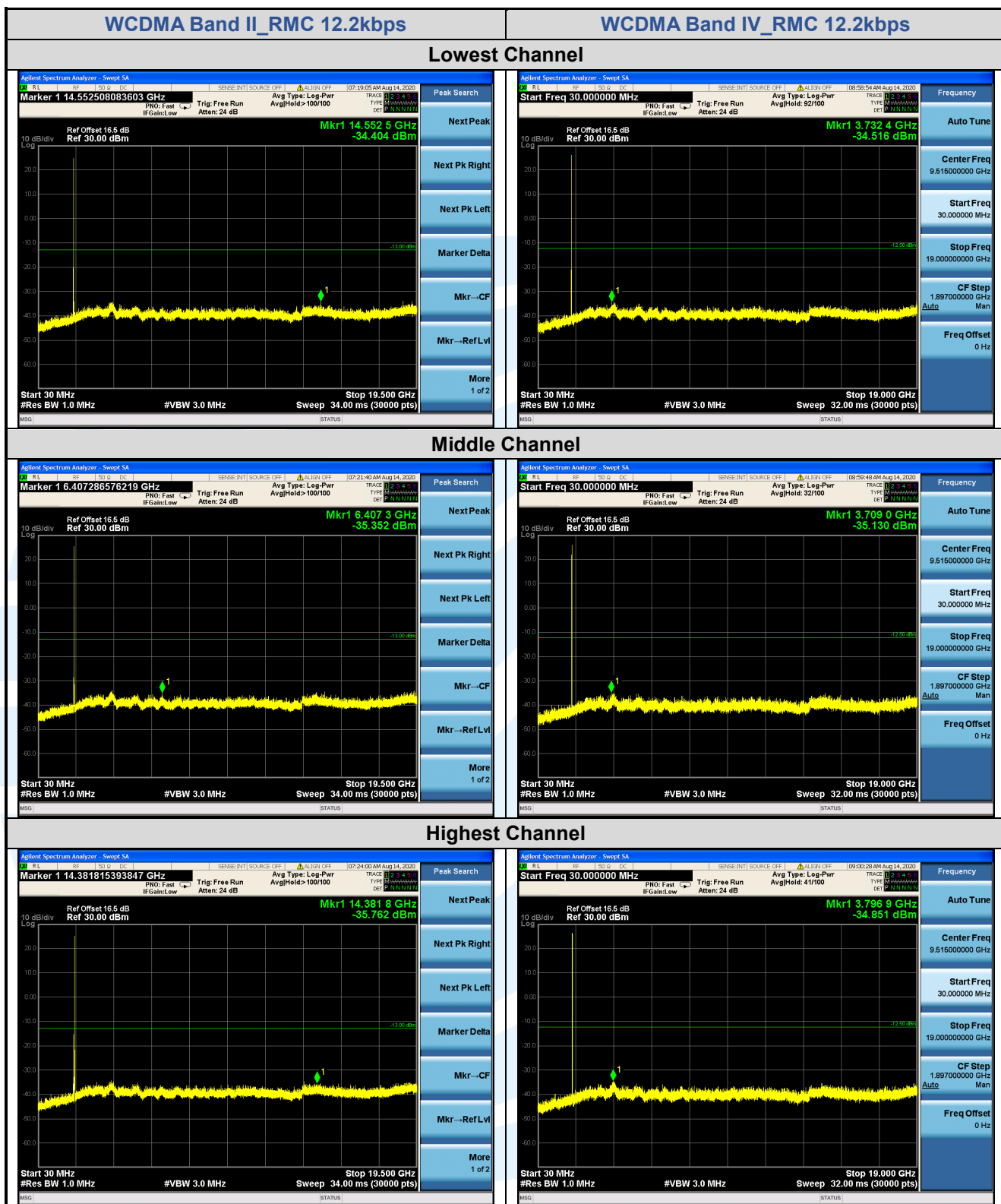
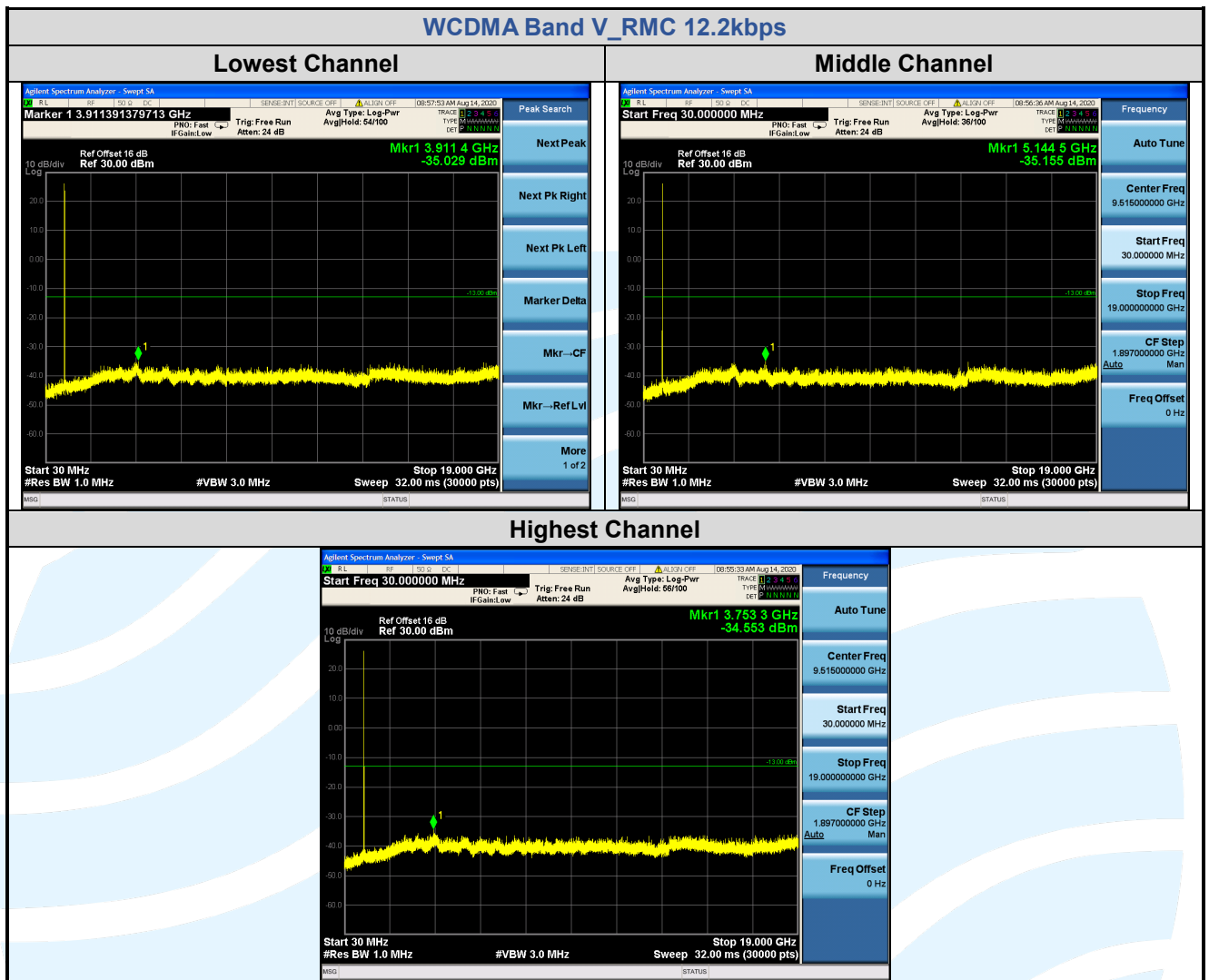






5.8 FIELD STRENGTH OF SPURIOUS RADIATION

Test Requirement: FCC 47 CFR Part 2.1053,
FCC 47 CFR Part 22.917(a)(b),
FCC 47 CFR Part 24.238(a)(b),
FCC 47 CFR Part 27.53(h)(1),
RSS-132 Issue 3, Section 5.5,
RSS-133 Issue 6, Section 6.5,
RSS-139 Issue 3, Section 6.6

Test Method: ANSI C63.26-2015 & KDB 971168 D01v03r01 Section 7

Limits:

FCC 47 CFR Part 22.917(a), FCC 47 CFR Part 24.238(a), FCC 47 CFR Part 27.53(h)(1),

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

RSS-132 Issue 3, Section 5.5, RSS-133 Issue 6, Section 6.6, RSS-139 Issue 3, Section 6.5,

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

Test Setup: Refer to section 4.2.1 for details.

Test Procedures: KDB 971168 D01v03r01 Section 7

Equipment Used: Refer to section 3 for details.

Test Result: Pass

The measurement data as follows:

GSM 850 (Below 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
GPRS_ Lowest Channel							
1	31.513	-92.58	32.41	-60.17	-13.00	-47.17	Horizontal
2	684.226	-88.52	41.88	-46.64	-13.00	-33.64	Horizontal
3	958.714	-88.32	45.25	-43.07	-13.00	-30.07	Horizontal
4	31.735	-92.37	32.37	-60.00	-13.00	-47.00	Vertical
5	562.014	-88.95	39.40	-49.55	-13.00	-36.55	Vertical
6	986.044	-87.73	44.05	-43.68	-13.00	-30.68	Vertical
GPRS_ Middle Channel							
1	30.425	-91.79	32.94	-58.85	-13.00	-45.85	Horizontal
2	406.782	-88.85	36.14	-52.71	-13.00	-39.71	Horizontal
3	972.283	-87.28	44.96	-42.32	-13.00	-29.32	Horizontal
4	30.855	-92.52	32.92	-59.60	-13.00	-46.60	Vertical
5	403.934	-87.78	35.57	-52.21	-13.00	-39.21	Vertical
6	972.283	-87.72	43.99	-43.73	-13.00	-30.73	Vertical
GPRS_ Highest Channel							
1	31.735	-91.06	32.29	-58.77	-13.00	-45.77	Horizontal
2	693.910	-88.58	42.11	-46.47	-13.00	-33.47	Horizontal
3	958.714	-86.91	45.25	-41.66	-13.00	-28.66	Horizontal
4	32.184	-92.12	32.09	-60.03	-13.00	-47.03	Vertical
5	531.291	-89.24	38.74	-50.50	-13.00	-37.50	Vertical
6	906.304	-87.54	43.83	-43.71	-13.00	-30.71	Vertical

PCS 1900 (Below 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
GPRS_ Lowest Channel							
1	47.703	-71.04	-3.75	-74.79	-13.00	-61.79	Horizontal
2	97.686	-68.61	-2.89	-71.50	-13.00	-58.50	Horizontal
3	141.769	-72.49	-2.43	-74.92	-13.00	-61.92	Horizontal
4	53.006	-59.01	-5.00	-64.01	-13.00	-51.01	Vertical
5	125.806	-65.11	-2.95	-68.06	-13.00	-55.06	Vertical
6	932.141	-81.32	14.92	-66.40	-13.00	-53.40	Vertical
GPRS_ Middle Channel							
1	47.703	-72.43	-3.75	-76.18	-13.00	-63.18	Horizontal
2	103.335	-76.16	-2.74	-78.90	-13.00	-65.90	Horizontal
3	172.598	-73.26	-1.12	-74.38	-13.00	-61.38	Horizontal
4	53.756	-59.25	-4.98	-64.23	-13.00	-51.23	Vertical
5	124.925	-63.32	-2.96	-66.28	-13.00	-53.28	Vertical
6	887.398	-81.20	14.23	-66.97	-13.00	-53.97	Vertical
GPRS_ Highest Channel							
1	54.517	-71.56	-4.98	-76.54	-13.00	-63.54	Horizontal
2	95.649	-75.94	-3.05	-78.99	-13.00	-65.99	Horizontal
3	180.030	-74.25	-0.52	-74.77	-13.00	-61.77	Horizontal
4	53.756	-58.92	-4.98	-63.90	-13.00	-50.90	Vertical
5	122.319	-63.37	-2.98	-66.35	-13.00	-53.35	Vertical
6	952.000	-81.46	14.93	-66.53	-13.00	-53.53	Vertical

GSM 850 (Above 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
GPRS_ Lowest Channel							
1	1648.400	-65.79	-0.68	-66.47	-13.00	-53.47	Horizontal
2	2472.600	-65.23	1.97	-63.26	-13.00	-50.26	Horizontal
3	1648.400	-66.96	-1.46	-68.42	-13.00	-55.42	Vertical
4	2472.600	-65.43	1.57	-63.86	-13.00	-50.86	Vertical
GPRS_ Middle Channel							
1	1673.200	-65.32	-0.53	-65.85	-13.00	-52.85	Horizontal
2	2509.800	-64.95	2.06	-62.89	-13.00	-49.89	Horizontal
3	1673.200	-65.49	-1.29	-66.78	-13.00	-53.78	Vertical
4	2509.800	-64.71	1.65	-63.06	-13.00	-50.06	Vertical
GPRS_ Highest Channel							
1	1697.600	-65.29	-0.39	-65.68	-13.00	-52.68	Horizontal
2	2546.400	-65.76	2.18	-63.58	-13.00	-50.58	Horizontal
3	1697.600	-65.51	-1.13	-66.64	-13.00	-53.64	Vertical
4	2546.400	-65.75	1.75	-64.00	-13.00	-51.00	Vertical

PCS 1900 (Above 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
GPRS_ Lowest Channel							
1	3700.400	-61.67	5.83	-55.84	-13.00	-42.84	Horizontal
2	5550.600	-63.09	9.58	-53.51	-13.00	-40.51	Horizontal
3	3700.400	-63.02	5.81	-57.21	-13.00	-44.21	Vertical
4	5550.600	-63.57	10.07	-53.50	-13.00	-40.50	Vertical
GPRS_ Middle Channel							
1	3760.000	-64.27	5.97	-58.30	-13.00	-45.30	Horizontal
2	5640.000	-64.27	9.53	-54.74	-13.00	-41.74	Horizontal
3	3767.619	-62.90	5.99	-56.91	-13.00	-43.91	Vertical
4	5640.000	-63.43	10.01	-53.42	-13.00	-40.42	Vertical
GPRS_ Highest Channel							
1	3819.600	-64.85	6.10	-58.75	-13.00	-45.75	Horizontal
2	5729.400	-63.80	9.49	-54.31	-13.00	-41.31	Horizontal
3	3819.600	-62.66	6.13	-56.53	-13.00	-43.53	Vertical
4	5729.400	-63.50	9.94	-53.56	-13.00	-40.56	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCC23G-V1.1

WCDMA Band II (Below 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	50.461	-71.11	-4.69	-75.80	-13.00	-62.80	Horizontal
2	176.275	-73.26	-0.82	-74.08	-13.00	-61.08	Horizontal
3	958.714	-81.57	16.25	-65.32	-13.00	-52.32	Horizontal
4	53.756	-59.13	-4.98	-64.11	-13.00	-51.11	Vertical
5	123.181	-62.77	-2.98	-65.75	-13.00	-52.75	Vertical
6	945.334	-81.75	14.92	-66.83	-13.00	-53.83	Vertical
RMC 12.2kbps_ Middle Channel							
1	54.135	-70.08	-4.95	-75.03	-13.00	-62.03	Horizontal
2	173.815	-73.08	-1.01	-74.09	-13.00	-61.09	Horizontal
3	952.000	-81.95	16.38	-65.57	-13.00	-52.57	Horizontal
4	32.184	-68.90	3.06	-65.84	-13.00	-52.84	Vertical
5	54.135	-59.15	-4.98	-64.13	-13.00	-51.13	Vertical
6	124.925	-64.26	-2.96	-67.22	-13.00	-54.22	Vertical
RMC 12.2kbps_ Highest Channel							
1	47.703	-72.11	-3.75	-75.86	-13.00	-62.86	Horizontal
2	176.275	-73.64	-0.82	-74.46	-13.00	-61.46	Horizontal
3	952.000	-82.60	16.38	-66.22	-13.00	-53.22	Horizontal
4	53.756	-59.33	-4.98	-64.31	-13.00	-51.31	Vertical
5	122.319	-63.56	-2.98	-66.54	-13.00	-53.54	Vertical
6	925.613	-81.25	14.92	-66.33	-13.00	-53.33	Vertical

WCDMA Band IV (Below 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	50.461	-72.30	-4.69	-76.99	-13.00	-63.99	Horizontal
2	182.578	-74.35	-0.58	-74.93	-13.00	-61.93	Horizontal
3	945.334	-82.43	16.25	-66.18	-13.00	-53.18	Horizontal
4	53.379	-58.92	-5.00	-63.92	-13.00	-50.92	Vertical
5	124.925	-63.88	-2.96	-66.84	-13.00	-53.84	Vertical
6	958.714	-80.87	14.96	-65.91	-13.00	-52.91	Vertical
RMC 12.2kbps_ Middle Channel							
1	50.108	-71.37	-4.66	-76.03	-13.00	-63.03	Horizontal
2	97.002	-74.74	-2.94	-77.68	-13.00	-64.68	Horizontal
3	176.275	-73.41	-0.82	-74.23	-13.00	-61.23	Horizontal
4	53.379	-59.34	-5.00	-64.34	-13.00	-51.34	Vertical
5	124.050	-62.93	-2.97	-65.90	-13.00	-52.90	Vertical
6	925.613	-81.99	14.92	-67.07	-13.00	-54.07	Vertical
RMC 12.2kbps_ Highest Channel							
1	54.135	-70.47	-4.95	-75.42	-13.00	-62.42	Horizontal
2	180.030	-74.39	-0.52	-74.91	-13.00	-61.91	Horizontal
3	965.474	-82.35	16.11	-66.24	-13.00	-53.24	Horizontal
4	54.135	-59.10	-4.98	-64.08	-13.00	-51.08	Vertical
5	127.586	-64.43	-2.93	-67.36	-13.00	-54.36	Vertical
6	919.132	-80.81	14.86	-65.95	-13.00	-52.95	Vertical

WCDMA Band V (Below 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	30.639	-91.07	32.83	-58.24	-13.00	-45.24	Horizontal
2	527.571	-87.11	38.71	-48.40	-13.00	-35.40	Horizontal
3	952.000	-87.10	45.40	-41.70	-13.00	-28.70	Horizontal
4	30.425	-92.09	33.19	-58.90	-13.00	-45.90	Vertical
5	669.952	-86.83	39.65	-47.18	-13.00	-34.18	Vertical
6	952.000	-87.17	43.95	-43.22	-13.00	-30.22	Vertical
RMC 12.2kbps_ Middle Channel							
1	31.073	-92.57	32.62	-59.95	-13.00	-46.95	Horizontal
2	398.296	-89.78	36.03	-53.75	-13.00	-40.75	Horizontal
3	986.044	-87.36	44.91	-42.45	-13.00	-29.45	Horizontal
4	31.292	-92.94	32.65	-60.29	-13.00	-47.29	Vertical
5	550.290	-88.74	39.12	-49.62	-13.00	-36.62	Vertical
6	938.714	-87.80	43.97	-43.83	-13.00	-30.83	Vertical
RMC 12.2kbps_ Highest Channel							
1	31.292	-91.91	32.52	-59.39	-13.00	-46.39	Horizontal
2	264.971	-88.36	31.08	-57.28	-13.00	-44.28	Horizontal
3	952.000	-87.43	45.40	-42.03	-13.00	-29.03	Horizontal
4	31.073	-91.62	32.78	-58.84	-13.00	-45.84	Vertical
5	642.292	-89.30	39.16	-50.14	-13.00	-37.14	Vertical
6	958.714	-87.94	43.96	-43.98	-13.00	-30.98	Vertical

WCDMA Band II (Above 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	3704.800	-62.26	5.84	-56.42	-13.00	-43.42	Horizontal
2	5557.200	-63.47	9.58	-53.89	-13.00	-40.89	Horizontal
3	3704.800	-62.30	5.82	-56.48	-13.00	-43.48	Vertical
4	5557.200	-63.44	10.07	-53.37	-13.00	-40.37	Vertical
RMC 12.2kbps_ Middle Channel							
1	3760.000	-63.12	5.97	-57.15	-13.00	-44.15	Horizontal
2	5640.000	-64.69	9.53	-55.16	-13.00	-42.16	Horizontal
3	3760.000	-64.14	5.97	-58.17	-13.00	-45.17	Vertical
4	5640.000	-64.73	10.01	-54.72	-13.00	-41.72	Vertical
RMC 12.2kbps_ Highest Channel							
1	3815.200	-64.58	6.10	-58.48	-13.00	-45.48	Horizontal
2	5722.800	-63.82	9.50	-54.32	-13.00	-41.32	Horizontal
3	3815.200	-64.33	6.13	-58.20	-13.00	-45.20	Vertical
4	5722.800	-64.61	9.95	-54.66	-13.00	-41.66	Vertical

WCDMA Band IV (Above 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	3424.800	-63.12	4.97	-58.15	-13.00	-45.15	Horizontal
2	5137.200	-61.51	8.02	-53.49	-13.00	-40.49	Horizontal
3	3424.800	-63.26	4.76	-58.50	-13.00	-45.50	Vertical
4	5137.200	-63.77	8.37	-55.40	-13.00	-42.40	Vertical
RMC 12.2kbps_ Middle Channel							
1	3464.800	-62.99	5.10	-57.89	-13.00	-44.89	Horizontal
2	5197.200	-63.63	8.24	-55.39	-13.00	-42.39	Horizontal
3	3464.800	-63.10	4.95	-58.15	-13.00	-45.15	Vertical
4	5197.200	-64.43	8.62	-55.81	-13.00	-42.81	Vertical
RMC 12.2kbps_ Highest Channel							
1	3505.200	-64.29	5.23	-59.06	-13.00	-46.06	Horizontal
2	5257.800	-64.44	8.52	-55.92	-13.00	-42.92	Horizontal
3	3505.200	-62.24	5.14	-57.10	-13.00	-44.10	Vertical
4	5257.800	-62.15	8.92	-53.23	-13.00	-40.23	Vertical

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCC23G-V1.1

WCDMA Band V (Above 1 G)							
No.	Frequency	SA Reading	Correction factor	EIRP Result	Limit	Margin	Ant. Pol.
	(MHz)	(dBm)	(dB/m)	(dBm)	(dBm)	(dB)	
RMC 12.2kbps_ Lowest Channel							
1	1652.800	-60.76	-0.64	-61.40	-13.00	-48.40	Horizontal
2	2479.200	-62.56	1.99	-60.57	-13.00	-47.57	Horizontal
3	1652.800	-59.13	-1.42	-60.55	-13.00	-47.55	Vertical
4	2479.200	-61.02	1.59	-59.43	-13.00	-46.43	Vertical
RMC 12.2kbps_ Middle Channel							
1	1672.800	-58.84	-0.53	-59.37	-13.00	-46.37	Horizontal
2	2509.200	-62.56	2.06	-60.50	-13.00	-47.50	Horizontal
3	1672.800	-59.01	-1.29	-60.30	-13.00	-47.30	Vertical
4	2509.200	-62.80	1.65	-61.15	-13.00	-48.15	Vertical
RMC 12.2kbps_ Highest Channel							
1	1693.200	-59.35	-0.41	-59.76	-13.00	-46.76	Horizontal
2	2539.800	-63.22	2.16	-61.06	-13.00	-48.06	Horizontal
3	1693.200	-60.08	-1.16	-61.24	-13.00	-48.24	Vertical
4	2539.800	-63.49	1.73	-61.76	-13.00	-48.76	Vertical

Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result – Limit

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCC23G-V1.1

5.9 FREQUENCY STABILITY

Test Requirement: FCC 47 CFR Part 2.1055 &
FCC 47 CFR Part 22.355 &
FCC 47 CFR Part 24.235 &
FCC 47 CFR Part 27.54,
RSS-132 Issue 3, Section 5.3,
RSS-133 Issue 6, Section 6.3,
RSS-139 Issue 3, Section 6.4

Test Method: ANSI C63.26-2015 & KDB 971168 D01v03r01

Limits:

FCC 47 CFR Part 22.355,

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

FCC 47 CFR Part 24.235, FCC 47 CFR Part 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

RSS-132 Issue 3, Section 5.3,

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations and ± 1.5 ppm for base stations

RSS-133 Issue 6, Section 6.3,

The carrier frequency shall not depart from the reference frequency, in excess of ± 2.5 ppm for mobile stations and ± 1.0 ppm for base stations.

RSS-139 Issue 3, Section 6.4,

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block when tested to the temperature and supply voltage variations specified in RSS-Gen.

Test Setup: Refer to section 4.2.2 for details.

Test Procedures:

- 1) Use CMW 500 with Frequency Error measurement capability.
 - a) Temp. = -30° to $+50^{\circ}\text{C}$
 - b) Voltage = low voltage, 3.2 Vdc, Normal, 3.8 Vdc and High voltage, 4.5 Vdc.

2) Frequency Stability vs Temperature:

The EUT is placed inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until $+50^{\circ}\text{C}$ is reached.

3) Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

Equipment Used: Refer to section 3 for details.

Test Result: Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
GSM 850							
GPRS	190 / 836.6	VL	TN	-12	-0.0143	± 2.5	Pass
		VN		-19	-0.0227	± 2.5	Pass
		VH		-16	-0.0191	± 2.5	Pass
		VN	50	-19	-0.0227	± 2.5	Pass
			40	-14	-0.0167	± 2.5	Pass
			30	-21	-0.0251	± 2.5	Pass
			20	-15	-0.0179	± 2.5	Pass
			10	-16	-0.0191	± 2.5	Pass
			0	-13	-0.0155	± 2.5	Pass
			-10	-16	-0.0191	± 2.5	Pass
			-20	-21	-0.0251	± 2.5	Pass
			-30	-16	-0.0191	± 2.5	Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
PCS 1900							
GPRS	661 / 1880.0	VL	TN	-13	-0.0069	N/A	Pass
		VN		-19	-0.0101		Pass
		VH		-19	-0.0101		Pass
		VN	50	-17	-0.0090		Pass
			40	-16	-0.0085		Pass
			30	-17	-0.0090		Pass
			20	-15	-0.0080		Pass
			10	-18	-0.0096		Pass
			0	-10	-0.0053		Pass
			-10	-16	-0.0085		Pass
			-20	-15	-0.0080		Pass
			-30	-18	-0.0096		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
WCDMA Band II							
RMC 12.2kbps	9400 / 1880.0	VL	TN	-12	-0.0064	N/A	Pass
		VN		-13	-0.0069		Pass
		VH		-16	-0.0085		Pass
		VN	50	-13	-0.0069		Pass
			40	-18	-0.0096		Pass
			30	-13	-0.0069		Pass
			20	-15	-0.0080		Pass
			10	-10	-0.0053		Pass
			0	-16	-0.0085		Pass
			-10	-16	-0.0085		Pass
			-20	-14	-0.0074		Pass
			-30	-19	-0.0101		Pass

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

UTTR-RF-FCC23G-V1.1

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
WCDMA Band IV							
RMC 12.2kbps	1412 / 1732.4	VL	TN	12	0.0069	N/A	Pass
		VN		15	0.0087		Pass
		VH		15	0.0087		Pass
		VN	50	14	0.0081		Pass
			40	17	0.0098		Pass
			30	13	0.0075		Pass
			20	14	0.0081		Pass
			10	15	0.0087		Pass
			0	16	0.0092		Pass
			-10	13	0.0075		Pass
			-20	18	0.0104		Pass
			-30	14	0.0081		Pass

Modulation	Channel/ Frequency (MHz)	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Result
WCDMA Band V							
RMC 12.2kbps	4182 / 836.4	VL	TN	8	0.0096	± 2.5	Pass
		VN		4	0.0048	± 2.5	Pass
		VH		6	0.0072	± 2.5	Pass
		VN	50	9	0.0108	± 2.5	Pass
			40	3	0.0036	± 2.5	Pass
			30	7	0.0084	± 2.5	Pass
			20	4	0.0048	± 2.5	Pass
			10	7	0.0084	± 2.5	Pass
			0	6	0.0072	± 2.5	Pass
			-10	8	0.0096	± 2.5	Pass
			-20	3	0.0036	± 2.5	Pass
			-30	8	0.0096	± 2.5	Pass

APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.
