7.6 Radiated Spurious Emissions below 1GHz

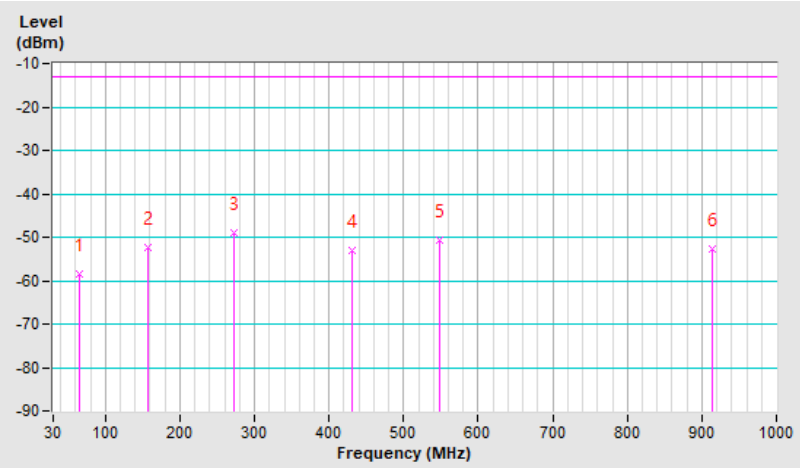
7.6.1 WCDMA Band 2

RF Mode	WCDMA Band II	**Channel**	CH 9538 1907.60 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	65.89	-58.50	-13.00	-45.50	1.49 H	177	51.47	-109.97
2	158.04	-52.46	-13.00	-39.46	1.49 H	236	55.64	-108.10
3	272.50	-48.89	-13.00	-35.89	1.00 H	181	59.79	-108.68
4	430.61	-53.08	-13.00	-40.08	1.00 H	353	51.36	-104.44
5	547.98	-50.72	-13.00	-37.72	1.49 H	200	51.46	-102.18
6	914.64	-52.77	-13.00	-39.77	1.00 H	172	43.32	-96.09

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

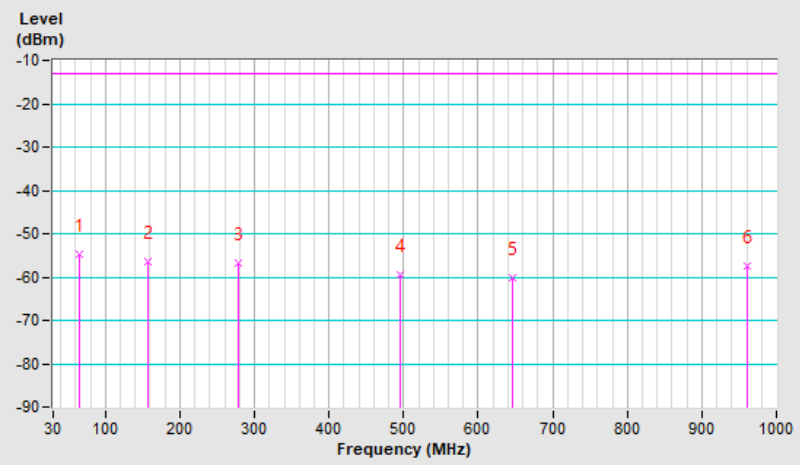


RF Mode	WCDMA Band II	Channel	CH 9538 1907.60 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	64.92	-54.65	-13.00	-41.65	1.00 V	198	55.24	-109.89
2	157.07	-56.41	-13.00	-43.41	1.00 V	214	51.65	-108.06
3	279.29	-56.71	-13.00	-43.71	1.00 V	54	51.60	-108.31
4	495.60	-59.45	-13.00	-46.45	1.26 V	330	43.56	-103.01
5	645.95	-60.23	-13.00	-47.23	1.50 V	175	39.72	-99.95
6	961.20	-57.42	-13.00	-44.42	1.00 V	294	38.08	-95.50

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



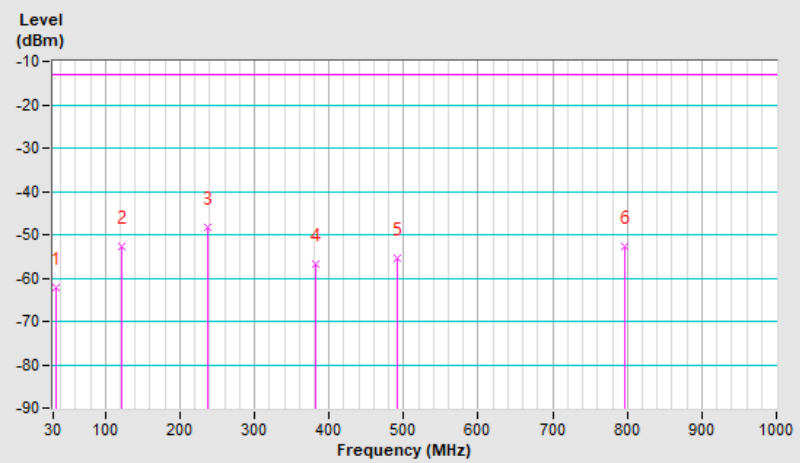
7.6.2 WCDMA Band 4

RF Mode	WCDMA Band IV	**Channel**	CH 1413：1732.6 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	34.85	-62.28	-13.00	-49.28	1.49 H	212	47.09	-109.37
2	121.18	-52.83	-13.00	-39.83	1.49 H	112	57.53	-110.36
3	237.58	-48.22	-13.00	-35.22	1.24 H	248	61.84	-110.06
4	381.14	-56.72	-13.00	-43.72	1.00 H	254	49.05	-105.77
5	490.75	-55.59	-13.00	-42.59	1.49 H	188	47.46	-103.05
6	797.27	-52.88	-13.00	-39.88	1.00 H	227	44.88	-97.76

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

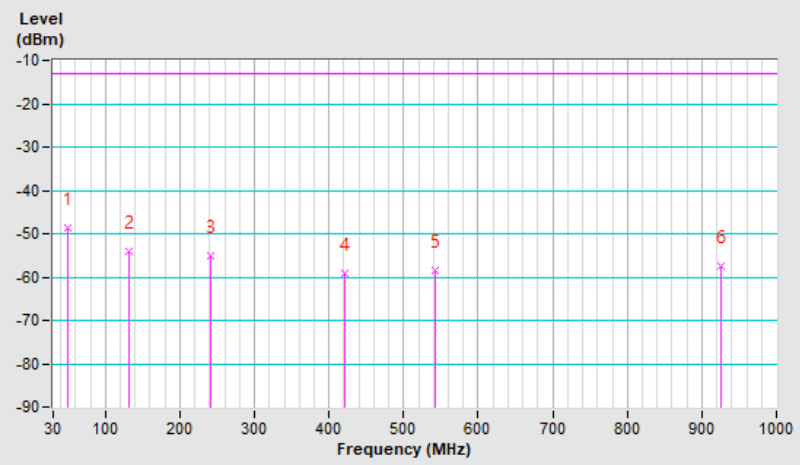


RF Mode	WCDMA Band IV	Channel	CH 1413：1732.6 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	50.37	-48.51	-13.00	-35.51	1.25 V	10	59.71	-108.22
2	130.88	-53.98	-13.00	-40.98	1.00 V	64	55.54	-109.52
3	241.46	-54.97	-13.00	-41.97	1.50 V	18	54.90	-109.87
4	421.88	-59.01	-13.00	-46.01	1.00 V	132	45.80	-104.81
5	543.13	-58.31	-13.00	-45.31	1.00 V	280	43.96	-102.27
6	925.31	-57.42	-13.00	-44.42	1.25 V	137	38.51	-95.93

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



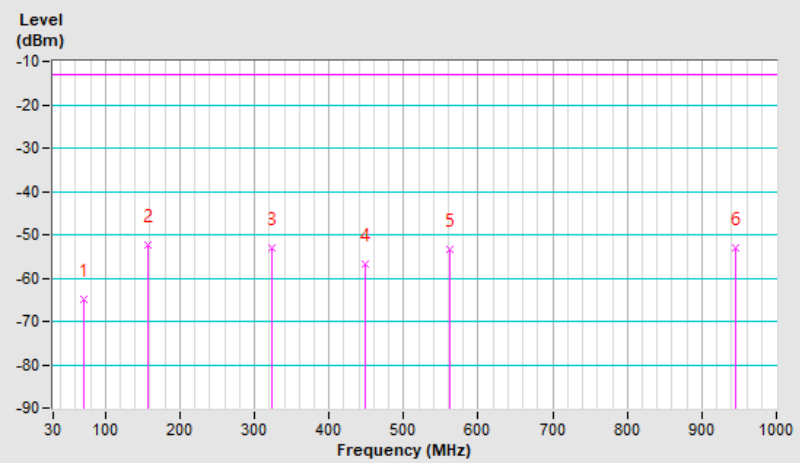
7.6.3 WCDMA Band 5

RF Mode	WCDMA Band V	Channel	CH 4182：836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	70.74	-65.05	-13.00	-52.05	1.49 H	293	47.99	-113.04
2	158.04	-52.46	-13.00	-39.46	1.49 H	236	57.79	-110.25
3	322.94	-53.00	-13.00	-40.00	1.00 H	58	56.18	-109.18
4	448.07	-56.67	-13.00	-43.67	1.00 H	54	49.30	-105.97
5	561.56	-53.34	-13.00	-40.34	1.49 H	188	50.65	-103.99
6	945.68	-53.12	-13.00	-40.12	1.24 H	215	44.82	-97.94

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

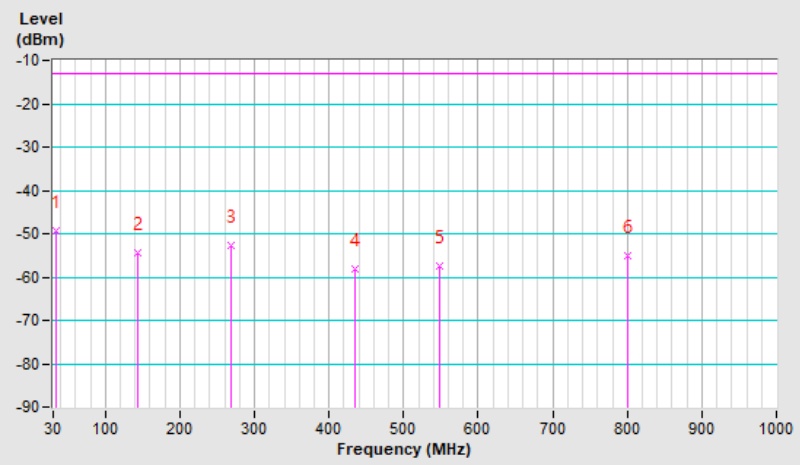


RF Mode	WCDMA Band V	Channel	CH 4182：836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-49.18	-13.00	-36.18	1.00 V	270	62.34	-111.52
2	143.49	-54.31	-13.00	-41.31	1.00 V	43	56.28	-110.59
3	267.65	-52.87	-13.00	-39.87	1.00 V	198	58.26	-111.13
4	434.49	-58.10	-13.00	-45.10	1.00 V	158	48.30	-106.40
5	547.98	-57.32	-13.00	-44.32	1.50 V	178	47.01	-104.33
6	800.18	-54.97	-13.00	-41.97	1.26 V	183	44.98	-99.95

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



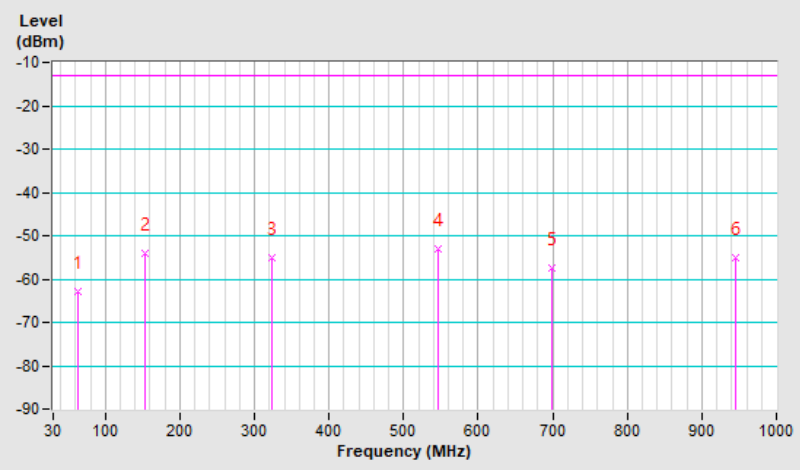
7.6.4 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 1.4MHz	**Channel**	CH 19193：1909.30 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	63.95	-62.80	-13.00	-49.80	1.50 H	186	46.89	-109.69
2	154.16	-54.01	-13.00	-41.01	1.50 H	115	53.99	-108.00
3	322.94	-55.02	-13.00	-42.02	1.01 H	60	52.01	-107.03
4	546.04	-53.14	-13.00	-40.14	1.50 H	194	49.08	-102.22
5	699.30	-57.55	-13.00	-44.55	1.26 H	134	41.61	-99.16
6	945.68	-55.18	-13.00	-42.18	1.26 H	220	40.61	-95.79

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

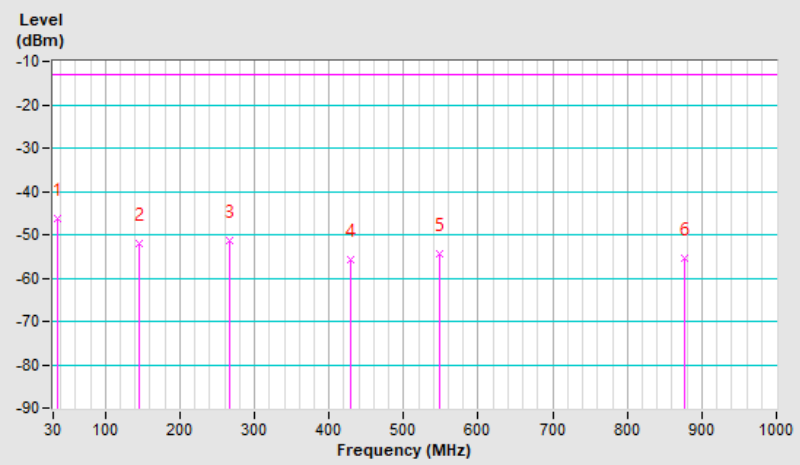


RF Mode	LTE Band 2 Channel Bandwidth: 1.4MHz	**Channel**	CH 19193：1909.30 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	35.82	-46.29	-13.00	-33.29	1.00 V	224	62.89	-109.18
2	144.46	-52.07	-13.00	-39.07	1.00 V	26	56.32	-108.39
3	266.68	-51.29	-13.00	-38.29	1.00 V	213	57.74	-109.03
4	429.64	-55.66	-13.00	-42.66	1.00 V	168	48.83	-104.49
5	548.95	-54.42	-13.00	-41.42	1.49 V	177	47.74	-102.16
6	875.84	-55.38	-13.00	-42.38	1.00 V	179	41.22	-96.60

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



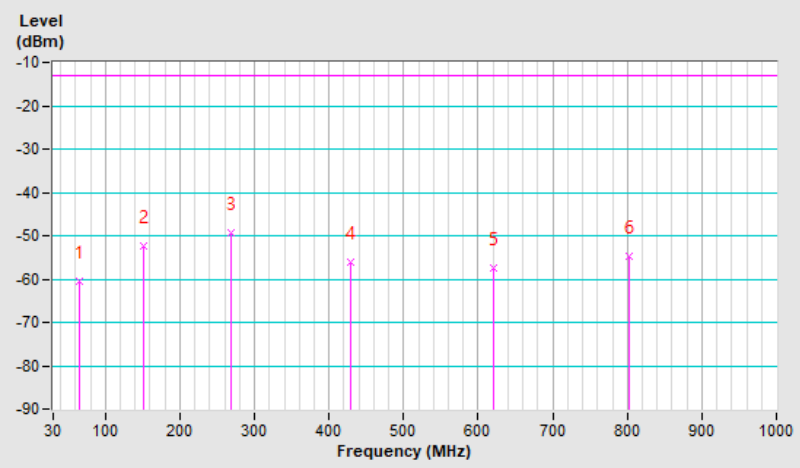
7.6.5 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20050：1720 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	65.89	-60.57	-13.00	-47.57	1.50 H	198	49.40	-109.97
2	150.28	-52.51	-13.00	-39.51	1.50 H	115	55.61	-108.12
3	267.65	-49.30	-13.00	-36.30	1.01 H	258	59.68	-108.98
4	428.67	-56.00	-13.00	-43.00	1.01 H	3	48.53	-104.53
5	619.76	-57.42	-13.00	-44.42	1.26 H	175	42.96	-100.38
6	803.09	-54.58	-13.00	-41.58	1.01 H	225	43.14	-97.72

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

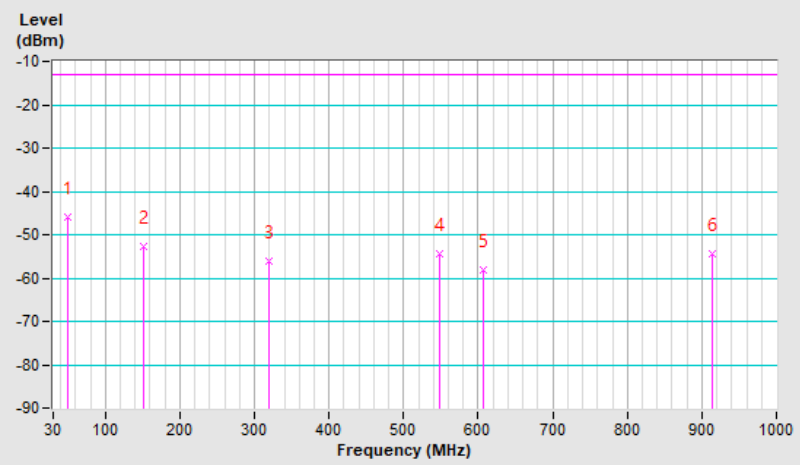


RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20050：1720 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	**49.40**	**-45.92**	**-13.00**	**-32.92**	**1.00 V**	**27**	**62.26**	**-108.18**
2	150.28	-52.67	-13.00	-39.67	1.00 V	45	55.45	-108.12
3	320.03	-56.23	-13.00	-43.23	1.00 V	21	50.90	-107.13
4	548.95	-54.42	-13.00	-41.42	1.49 V	177	47.74	-102.16
5	606.18	-57.98	-13.00	-44.98	1.49 V	169	42.51	-100.49
6	914.64	-54.31	-13.00	-41.31	1.00 V	170	41.78	-96.09

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



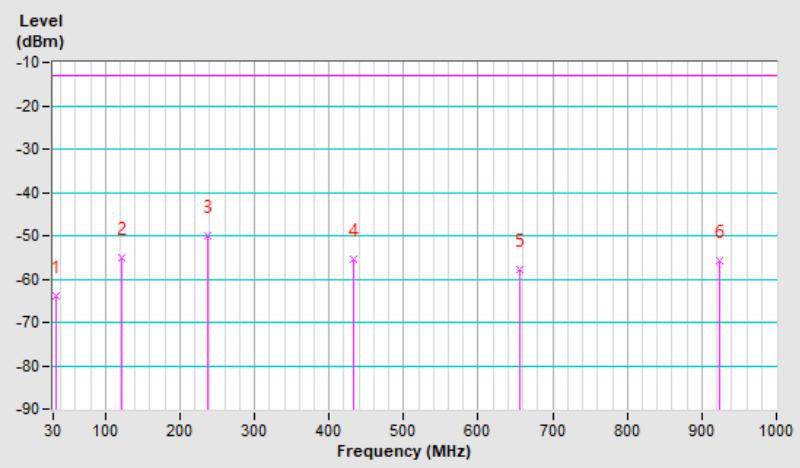
7.6.6 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20600：844 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	34.85	-63.76	-13.00	-50.76	1.01 H	151	47.76	-111.52
2	122.15	-55.22	-13.00	-42.22	1.50 H	111	57.32	-112.54
3	237.58	-49.84	-13.00	-36.84	1.26 H	242	62.37	-112.21
4	432.55	-55.31	-13.00	-42.31	1.01 H	2	51.18	-106.49
5	655.65	-57.69	-13.00	-44.69	1.26 H	274	44.35	-102.04
6	924.34	-55.80	-13.00	-42.80	1.01 H	166	42.30	-98.10

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

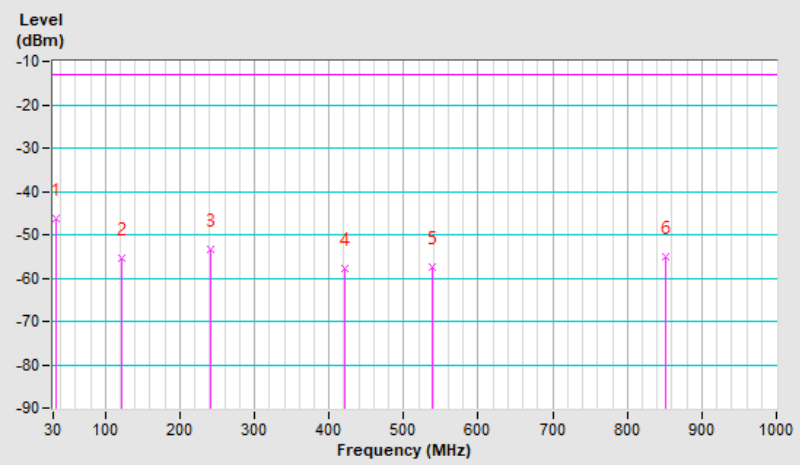


RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20600：844 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	34.85	-46.38	-13.00	-33.38	1.00 V	260	65.14	-111.52
2	122.15	-55.26	-13.00	-42.26	1.49 V	18	57.28	-112.54
3	241.46	-53.44	-13.00	-40.44	1.00 V	18	58.58	-112.02
4	420.91	-57.88	-13.00	-44.88	1.00 V	148	49.11	-106.99
5	538.28	-57.31	-13.00	-44.31	1.00 V	342	47.18	-104.49
6	851.59	-55.16	-13.00	-42.16	1.24 V	2	43.94	-99.10

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



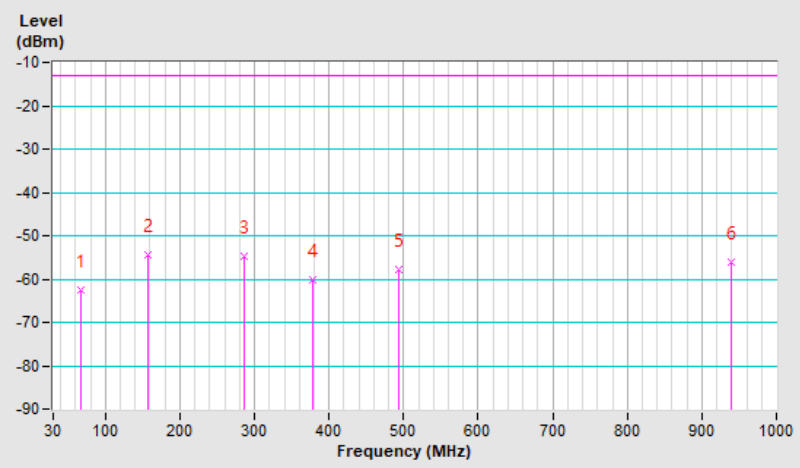
7.6.7 LTE Band 12

RF Mode	LTE Band 12 Channel Bandwidth: 1.4MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	67.83	-62.53	-13.00	-49.53	1.50 H	138	49.92	-112.45
2	157.07	-54.45	-13.00	-41.45	1.00 H	259	55.76	-110.21
3	286.08	-54.72	-13.00	-41.72	1.24 H	180	55.49	-110.21
4	378.23	-60.17	-13.00	-47.17	1.00 H	256	47.83	-108.00
5	493.66	-57.76	-13.00	-44.76	1.50 H	175	47.42	-105.18
6	938.89	-56.11	-13.00	-43.11	1.50 H	216	41.93	-98.04

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

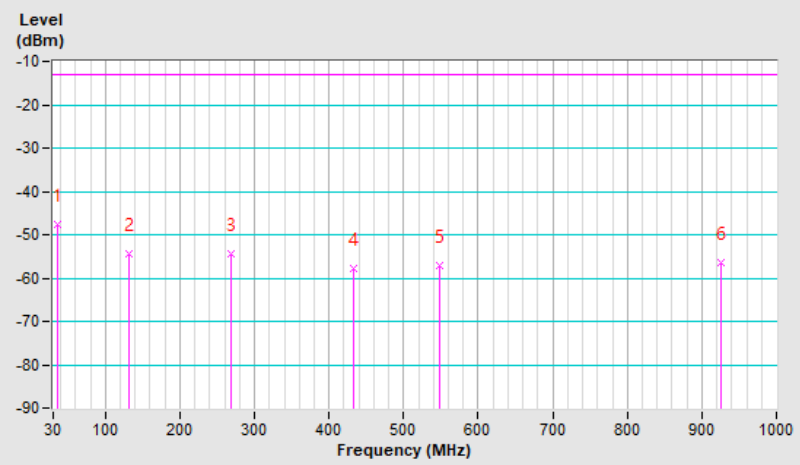


RF Mode	LTE Band 12 Channel Bandwidth: 1.4MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	35.82	-47.68	-13.00	-34.68	1.01 V	264	63.65	-111.33
2	131.85	-54.31	-13.00	-41.31	1.01 V	56	57.35	-111.66
3	268.62	-54.50	-13.00	-41.50	1.01 V	222	56.57	-111.07
4	432.55	-57.87	-13.00	-44.87	1.26 V	148	48.62	-106.49
5	547.98	-57.17	-13.00	-44.17	1.50 V	181	47.16	-104.33
6	925.31	-56.59	-13.00	-43.59	1.26 V	132	41.49	-98.08

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



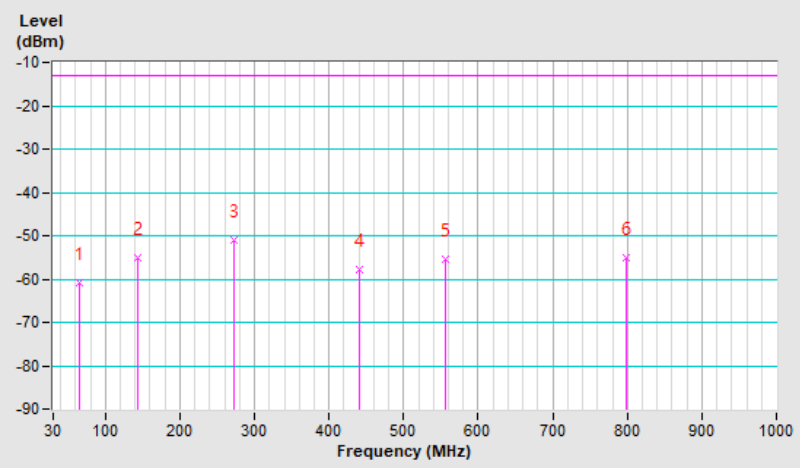
7.6.8 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 5MHz	**Channel**	CH 26665：1912.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	64.92	-60.95	-13.00	-47.95	1.24 H	182	48.94	-109.89
2	142.52	-55.01	-13.00	-42.01	1.24 H	101	53.46	-108.47
3	271.53	-51.10	-13.00	-38.10	1.00 H	187	57.65	-108.75
4	440.31	-57.71	-13.00	-44.71	1.00 H	1	46.33	-104.04
5	556.71	-55.50	-13.00	-42.50	1.50 H	187	46.48	-101.98
6	799.21	-54.93	-13.00	-41.93	1.00 H	224	42.86	-97.79

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

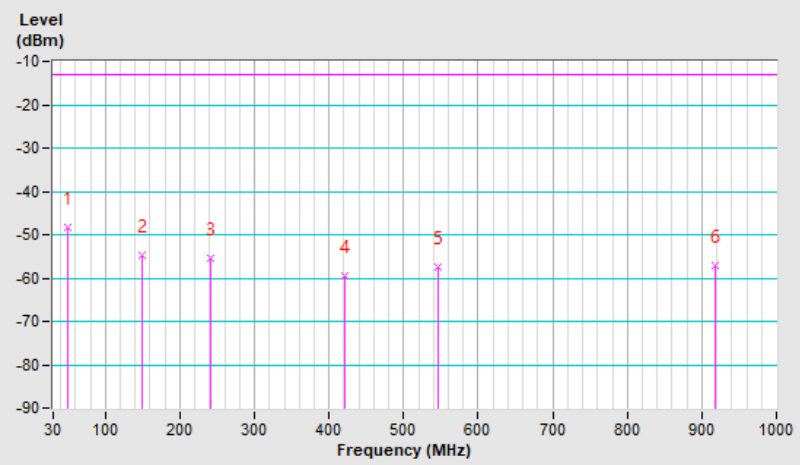


RF Mode	LTE Band 25 Channel Bandwidth: 5MHz	**Channel**	CH 26665：1912.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	49.40	-48.41	-13.00	-35.41	1.01 V	22	59.77	-108.18
2	149.31	-54.69	-13.00	-41.69	1.01 V	49	53.48	-108.17
3	241.46	-55.40	-13.00	-42.40	1.01 V	17	54.47	-109.87
4	420.91	-59.45	-13.00	-46.45	1.26 V	145	45.39	-104.84
5	546.04	-57.44	-13.00	-44.44	1.50 V	183	44.78	-102.22
6	917.55	-57.00	-13.00	-44.00	1.26 V	131	39.05	-96.05

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



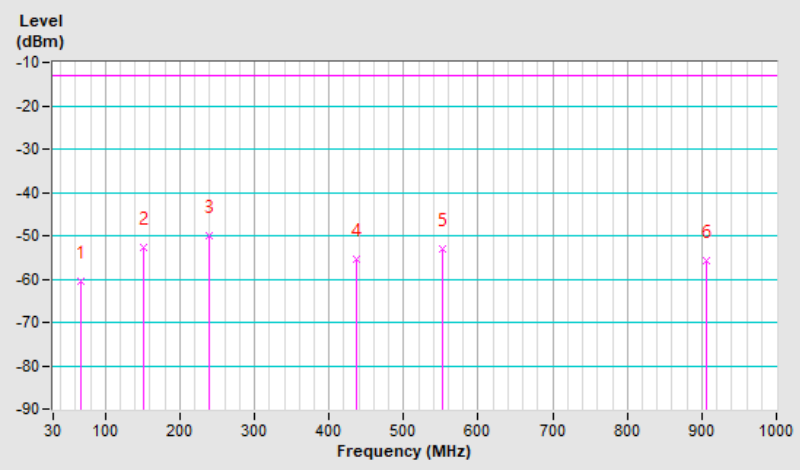
7.6.9 LTE Band 26 (814 MHz ~ 824 MHz)

RF Mode	LTE Band 26 Channel Bandwidth: 10MHz	**Channel**	CH 26740：819 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	66.86	-60.46	-13.00	-47.46	1.50 H	182	51.74	-112.20
2	151.25	-52.73	-13.00	-39.73	1.00 H	98	57.59	-110.32
3	239.52	-50.13	-13.00	-37.13	1.00 H	256	61.97	-112.10
4	436.43	-55.43	-13.00	-42.43	1.00 H	360	50.89	-106.32
5	552.83	-52.91	-13.00	-39.91	1.50 H	190	51.30	-104.21
6	906.88	-55.71	-13.00	-42.71	1.00 H	177	42.63	-98.34

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

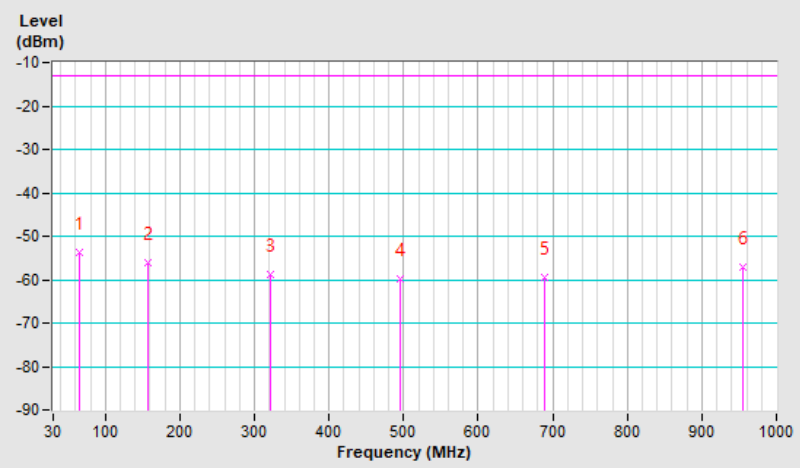


RF Mode	LTE Band 26 Channel Bandwidth: 10MHz	**Channel**	CH 26740：819 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	64.92	-53.85	-13.00	-40.85	1.01 V	246	58.19	-112.04
2	158.04	-56.10	-13.00	-43.10	1.01 V	233	54.15	-110.25
3	321.00	-58.65	-13.00	-45.65	1.01 V	10	50.60	-109.25
4	495.60	-59.77	-13.00	-46.77	1.26 V	334	45.39	-105.16
5	688.63	-59.40	-13.00	-46.40	1.50 V	196	42.22	-101.62
6	955.38	-57.24	-13.00	-44.24	1.26 V	302	40.56	-97.80

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



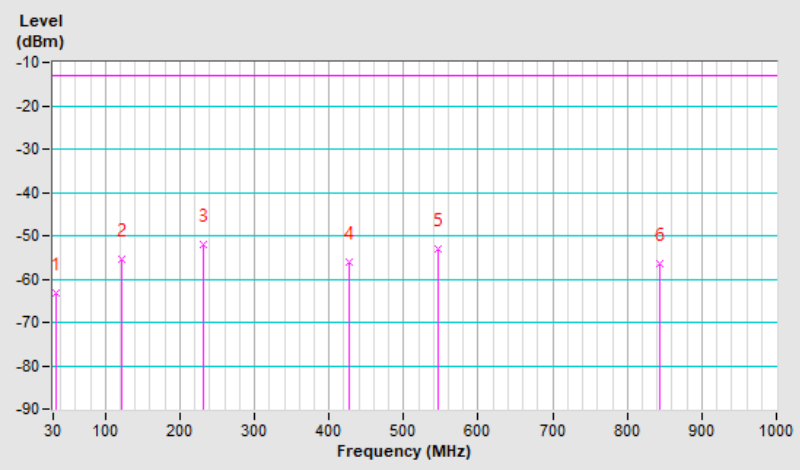
7.6.10LTE Band 26 (824 MHz ~ 849 MHz)

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 27033：848.3 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	34.85	-63.09	-13.00	-50.09	1.50 H	188	48.43	-111.52
2	122.15	-55.45	-13.00	-42.45	1.50 H	111	57.09	-112.54
3	231.76	-52.13	-13.00	-39.13	1.50 H	255	60.62	-112.75
4	426.73	-56.07	-13.00	-43.07	1.00 H	350	50.71	-106.78
5	547.01	-52.99	-13.00	-39.99	1.50 H	198	51.36	-104.35
6	843.83	-56.50	-13.00	-43.50	1.00 H	285	42.72	-99.22

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

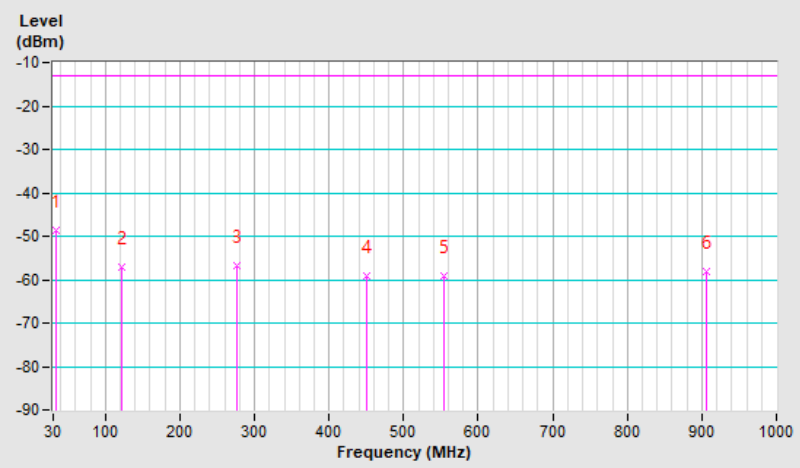


RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 27033：848.3 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	34.85	-48.66	-13.00	-35.66	1.01 V	310	62.86	-111.52
2	122.15	-57.24	-13.00	-44.24	1.26 V	18	55.30	-112.54
3	277.35	-56.90	-13.00	-43.90	1.01 V	22	53.66	-110.56
4	450.98	-59.32	-13.00	-46.32	1.26 V	7	46.57	-105.89
5	553.80	-59.25	-13.00	-46.25	1.01 V	218	44.94	-104.19
6	905.91	-57.97	-13.00	-44.97	1.26 V	132	40.37	-98.34

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.7 Radiated Spurious Emissions above 1GHz

7.7.1 WCDMA Band 2

RF Mode	WCDMA Band II	**Channel**	CH 9262：1852.4 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3704.80	-41.79	-13.00	-28.79	2.81 H	6	53.28	-95.07
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3704.80	-52.48	-13.00	-39.48	1.40 V	322	42.59	-95.07

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	WCDMA Band II	Channel	CH 9400：1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-41.70	-13.00	-28.70	2.84 H	12	53.12	-94.82
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-52.20	-13.00	-39.20	1.42 V	319	42.62	-94.82

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	WCDMA Band II	Channel	CH 9538：1907.6 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3815.20	-40.78	-13.00	-27.78	2.76 H	7	53.81	-94.59
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3815.20	-51.73	-13.00	-38.73	1.37 V	321	42.86	-94.59

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.7.2 WCDMA Band 4

RF Mode	WCDMA Band IV	**Channel**	CH 1312：1712.4 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3424.80	-37.81	-13.00	-24.81	2.47 H	18	58.23	-96.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3424.80	-43.45	-13.00	-30.45	2.47 V	111	52.59	-96.04

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	WCDMA Band IV	Channel	CH 1413：1732.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.20	-37.23	-13.00	-24.23	2.49 H	22	58.72	-95.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.20	-42.85	-13.00	-29.85	2.40 V	100	53.10	-95.95

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	WCDMA Band IV	Channel	CH 1513：1752.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3505.20	-37.22	-13.00	-24.22	2.50 H	19	58.57	-95.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3505.20	-43.08	-13.00	-30.08	2.22 V	99	52.71	-95.79

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.7.3 WCDMA Band 5

RF Mode	WCDMA Band V	Channel	CH 4132：826.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1652.80	-27.38	-13.00	-14.38	1.18 H	20	76.11	-103.49
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1652.80	-34.13	-13.00	-21.13	2.51 V	331	69.36	-103.49

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	WCDMA Band V	Channel	CH 4182：836.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**1672.80**	**-27.12**	**-13.00**	**-14.12**	**1.19 H**	**19**	**76.33**	**-103.45**
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1672.80	-34.27	-13.00	-21.27	2.51 V	336	69.18	-103.45

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	WCDMA Band V	Channel	CH 4233：846.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1693.20	-27.48	-13.00	-14.48	1.21 H	21	75.91	-103.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1693.20	-33.56	-13.00	-20.56	2.48 V	331	69.83	-103.39

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.7.4 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 1.4MHz	**Channel**	CH 18607：1850.7 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3701.40	-43.01	-13.00	-30.01	2.33 H	1	52.07	-95.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3701.40	-47.55	-13.00	-34.55	1.20 V	54	47.53	-95.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 1.4MHz	**Channel**	CH 18900：1880 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-42.27	-13.00	-29.27	2.34 H	4	52.55	-94.82
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-46.96	-13.00	-33.96	1.25 V	56	47.86	-94.82

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 1.4MHz	**Channel**	CH 19193：1909.3 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3818.60	-41.62	-13.00	-28.62	2.37 H	6	52.95	-94.57
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3818.60	-46.34	-13.00	-33.34	1.18 V	51	48.23	-94.57

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 5MHz	**Channel**	CH 18625：1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3705.00	-42.03	-13.00	-29.03	2.37 H	4	53.03	-95.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3705.00	-47.32	-13.00	-34.32	1.18 V	52	47.74	-95.06

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 5MHz	**Channel**	CH 18900：1880 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-42.48	-13.00	-29.48	2.38 H	11	52.34	-94.82
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-47.25	-13.00	-34.25	1.17 V	51	47.57	-94.82

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 5MHz	**Channel**	CH 19175：1907.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3815.00	-41.80	-13.00	-28.80	2.31 H	3	52.79	-94.59
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3815.00	-46.97	-13.00	-33.97	1.19 V	57	47.62	-94.59

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 18700：1860 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3720.00	-42.87	-13.00	-29.87	2.38 H	6	52.13	-95.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3720.00	-47.61	-13.00	-34.61	1.23 V	55	47.39	-95.00

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 18900：1880 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-42.29	-13.00	-29.29	2.38 H	2	52.53	-94.82
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-47.03	-13.00	-34.03	1.21 V	52	47.79	-94.82

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 19100：1900 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3800.00	-41.85	-13.00	-28.85	2.31 H	4	52.79	-94.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3800.00	-47.02	-13.00	-34.02	1.19 V	58	47.62	-94.64

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.7.5 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 1.4MHz	**Channel**	CH 19957：1710.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3421.40	-32.75	-13.00	-19.75	2.70 H	8	63.29	-96.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3421.40	-39.79	-13.00	-26.79	2.49 V	76	56.25	-96.04

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 1.4MHz	**Channel**	CH 20175：1732.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3465.00	-32.08	-13.00	-19.08	2.64 H	5	63.88	-95.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3465.00	-38.77	-13.00	-25.77	2.51 V	81	57.19	-95.96

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 1.4MHz	**Channel**	CH 20393：1754.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3508.60	-32.06	-13.00	-19.06	2.76 H	11	63.71	-95.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3508.60	-38.92	-13.00	-25.92	2.54 V	73	56.85	-95.77

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 5MHz	**Channel**	CH 19975：1712.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3425.00	-32.79	-13.00	-19.79	2.75 H	6	63.24	-96.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3425.00	-39.38	-13.00	-26.38	2.49 V	83	56.65	-96.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 5MHz	**Channel**	CH 20175：1732.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3465.00	-32.47	-13.00	-19.47	2.66 H	4	63.49	-95.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3465.00	-38.88	-13.00	-25.88	2.44 V	77	57.08	-95.96

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 5MHz	**Channel**	CH 20375：1752.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3505.00	-32.12	-13.00	-19.12	2.66 H	7	63.67	-95.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3505.00	-39.30	-13.00	-26.30	2.59 V	84	56.49	-95.79

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20050：1720 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3440.00	-31.91	-13.00	-18.91	2.72 H	4	64.12	-96.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3440.00	-39.74	-13.00	-26.74	2.48 V	73	56.29	-96.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20175：1732.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3465.00	-32.32	-13.00	-19.32	2.71 H	5	63.64	-95.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3465.00	-39.27	-13.00	-26.27	2.51 V	78	56.69	-95.96

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20300：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3490.00	-32.68	-13.00	-19.68	2.76 H	9	63.17	-95.85
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3490.00	-39.63	-13.00	-26.63	2.47 V	79	56.22	-95.85

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.7.6 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 1.4MHz	**Channel**	CH 20407：824.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1649.40	-27.80	-13.00	-14.80	1.12 H	20	75.69	-103.49
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1649.40	-30.27	-13.00	-17.27	2.21 V	336	73.22	-103.49

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 1.4MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-27.81	-13.00	-14.81	1.16 H	23	75.64	-103.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-29.57	-13.00	-16.57	2.13 V	342	73.88	-103.45

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 1.4MHz	**Channel**	CH 20643：848.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1696.60	-28.31	-13.00	-15.31	1.18 H	27	75.08	-103.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1696.60	-29.48	-13.00	-16.48	2.19 V	342	73.91	-103.39

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 5MHz	**Channel**	CH 20425：826.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1653.00	-28.56	-13.00	-15.56	1.24 H	17	74.93	-103.49
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1653.00	-29.60	-13.00	-16.60	2.12 V	335	73.89	-103.49

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 5MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-27.89	-13.00	-14.89	1.16 H	23	75.56	-103.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-30.03	-13.00	-17.03	2.23 V	341	73.42	-103.45

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 5MHz	**Channel**	CH 20625：846.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1693.00	-27.80	-13.00	-14.80	1.17 H	16	75.59	-103.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1693.00	-30.18	-13.00	-17.18	2.12 V	347	73.21	-103.39

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20450：829 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1658.00	-28.39	-13.00	-15.39	1.10 H	18	75.09	-103.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1658.00	-30.30	-13.00	-17.30	2.07 V	339	73.18	-103.48

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-28.14	-13.00	-15.14	1.15 H	14	75.31	-103.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-30.00	-13.00	-17.00	2.16 V	343	73.45	-103.45

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20600：844 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1688.00	-27.67	-13.00	-14.67	1.19 H	22	75.74	-103.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1688.00	-29.79	-13.00	-16.79	2.24 V	344	73.62	-103.41

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.7.7 LTE Band 12

RF Mode	LTE Band 12 Channel Bandwidth: 1.4MHz	**Channel**	CH 23017：699.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1399.40	-47.16	-13.00	-34.16	1.82 H	189	56.68	-103.84
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1399.40	-43.02	-13.00	-30.02	1.62 V	17	60.82	-103.84

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 1.4MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-47.06	-13.00	-34.06	1.81 H	190	56.72	-103.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-42.62	-13.00	-29.62	1.63 V	11	61.16	-103.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 1.4MHz	**Channel**	CH 23173：715.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1430.60	-46.96	-13.00	-33.96	1.84 H	188	56.75	-103.71
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1430.60	-42.66	-13.00	-29.66	1.67 V	18	61.05	-103.71

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 5MHz	**Channel**	CH 23035：701.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1403.00	-47.59	-13.00	-34.59	1.88 H	192	56.23	-103.82
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1403.00	-43.03	-13.00	-30.03	1.63 V	16	60.79	-103.82

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 5MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-47.07	-13.00	-34.07	1.85 H	187	56.71	-103.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-42.95	-13.00	-29.95	1.71 V	13	60.83	-103.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 5MHz	**Channel**	CH 23155：713.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1427.00	-47.49	-13.00	-34.49	1.79 H	186	56.23	-103.72
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1427.00	-42.69	-13.00	-29.69	1.68 V	17	61.03	-103.72

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**Channel**	CH 23060：704 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1408.00	-47.57	-13.00	-34.57	1.79 H	193	56.24	-103.81
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1408.00	-42.88	-13.00	-29.88	1.71 V	13	60.93	-103.81

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-47.56	-13.00	-34.56	1.83 H	189	56.22	-103.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-42.96	-13.00	-29.96	1.66 V	14	60.82	-103.78

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**Channel**	CH 23130：711 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1422.00	-47.61	-13.00	-34.61	1.84 H	188	56.14	-103.75
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1422.00	-42.89	-13.00	-29.89	1.72 V	15	60.86	-103.75

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.7.8 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 1.4MHz	**Channel**	CH 26047：1850.7 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3701.40	-40.90	-13.00	-27.90	2.60 H	2	54.18	-95.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3701.40	-50.73	-13.00	-37.73	1.04 V	348	44.35	-95.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 1.4MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-40.97	-13.00	-27.97	2.56 H	7	53.82	-94.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-50.12	-13.00	-37.12	1.09 V	342	44.67	-94.79

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 1.4MHz	**Channel**	CH 26683：1914.3 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3828.60	-40.79	-13.00	-27.79	2.58 H	7	53.76	-94.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3828.60	-49.44	-13.00	-36.44	1.05 V	342	45.11	-94.55

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 5MHz	**Channel**	CH 26065：1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3705.00	-41.44	-13.00	-28.44	2.53 H	6	53.62	-95.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3705.00	-50.13	-13.00	-37.13	1.10 V	346	44.93	-95.06

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 5MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-40.91	-13.00	-27.91	2.58 H	6	53.88	-94.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-49.74	-13.00	-36.74	1.03 V	347	45.05	-94.79

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 5MHz	**Channel**	CH 26665：1912.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3825.00	-40.74	-13.00	-27.74	2.61 H	6	53.82	-94.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3825.00	-49.75	-13.00	-36.75	1.04 V	104	44.81	-94.56

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26140：1860 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3720.00	-41.53	-13.00	-28.53	2.63 H	3	53.47	-95.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3720.00	-49.58	-13.00	-36.58	1.02 V	349	45.42	-95.00

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-41.05	-13.00	-28.05	2.53 H	5	53.74	-94.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-50.06	-13.00	-37.06	1.05 V	344	44.73	-94.79

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26590：1905 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3810.00	-41.16	-13.00	-28.16	2.57 H	5	53.44	-94.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3810.00	-49.39	-13.00	-36.39	1.09 V	343	45.21	-94.60

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.7.9 LTE Band 26 (814 MHz ~ 824 MHz)

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 26697：814.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1629.40	-28.23	-13.00	-15.23	1.15 H	20	75.29	-103.52
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1629.40	-30.85	-13.00	-17.85	1.23 V	19	72.67	-103.52

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 26740：819 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1638.00	-27.76	-13.00	-14.76	1.18 H	25	75.75	-103.51
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1638.00	-31.72	-13.00	-18.72	1.21 V	20	71.79	-103.51

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 26783：823.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1646.60	-27.78	-13.00	-14.78	1.12 H	23	75.71	-103.49
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1646.60	-30.73	-13.00	-17.73	1.30 V	17	72.76	-103.49

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 26715：816.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1633.00	-28.29	-13.00	-15.29	1.09 H	19	75.23	-103.52
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1633.00	-31.35	-13.00	-18.35	1.26 V	13	72.17	-103.52

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 26740：819 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1638.00	-28.35	-13.00	-15.35	1.11 H	23	75.16	-103.51
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1638.00	-31.18	-13.00	-18.18	1.24 V	11	72.33	-103.51

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 26765：821.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1643.00	-27.18	-13.00	-14.18	1.08 H	26	76.32	-103.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1643.00	-31.44	-13.00	-18.44	1.29 V	17	72.06	-103.50

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 10MHz	**Channel**	CH 26740：819 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	**1638.00**	**-27.12**	**-13.00**	**-14.12**	**1.16 H**	**21**	**76.39**	**-103.51**
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1638.00	-30.95	-13.00	-17.95	1.28 V	13	72.56	-103.51

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.7.10LTE Band 26 (824 MHz ~ 849 MHz)

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 26797：824.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1649.40	-27.61	-13.00	-14.61	1.58 H	16	75.88	-103.49
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1649.40	-30.70	-13.00	-17.70	2.06 V	334	72.79	-103.49

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-27.73	-13.00	-14.73	1.58 H	18	75.72	-103.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-30.60	-13.00	-17.60	2.12 V	332	72.85	-103.45

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 1.4MHz	**Channel**	CH 27033：848.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1696.60	-27.20	-13.00	-14.20	1.60 H	20	76.19	-103.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1696.60	-29.78	-13.00	-16.78	2.08 V	339	73.61	-103.39

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 26815：826.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1653.00	-27.36	-13.00	-14.36	1.61 H	17	76.13	-103.49
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1653.00	-30.15	-13.00	-17.15	2.05 V	339	73.34	-103.49

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-27.59	-13.00	-14.59	1.66 H	21	75.86	-103.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-29.98	-13.00	-16.98	2.05 V	337	73.47	-103.45

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 5MHz	**Channel**	CH 27015：846.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1693.00	-28.02	-13.00	-15.02	1.63 H	21	75.37	-103.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1693.00	-29.68	-13.00	-16.68	2.06 V	338	73.71	-103.39

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 15MHz	**Channel**	CH 26865：831.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1663.00	-27.64	-13.00	-14.64	1.61 H	15	75.82	-103.46
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1663.00	-30.63	-13.00	-17.63	2.13 V	339	72.83	-103.46

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 15MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-27.72	-13.00	-14.72	1.61 H	17	75.73	-103.45
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-30.29	-13.00	-17.29	2.10 V	335	73.16	-103.45

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	LTE Band 26 Channel Bandwidth: 15MHz	**Channel**	CH 26965：841.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1683.00	-28.03	-13.00	-15.03	1.63 H	17	75.39	-103.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1683.00	-29.85	-13.00	-16.85	2.06 V	333	73.57	-103.42

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.8 Frequency Stability

Environmental Conditions:	25°C, 60% RH	Tested By:	Ted Chang

7.8.1 WCDMA Band 2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 9262 (1852.4 MHz)		CH 9538 (1907.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1852.4000020	0.001	1907.6000040	0.002
3.60	1852.4000020	0.001	1907.6000010	0.001
4.20	1852.4000040	0.002	1907.6000030	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 9262 (1852.4 MHz)		CH 9538 (1907.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1852.4000030	0.002	1907.6000010	0.001
-20	1852.3999980	-0.001	1907.6000030	0.002
-10	1852.4000040	0.002	1907.6000040	0.002
0	1852.3999960	-0.002	1907.6000040	0.002
10	1852.4000030	0.002	1907.5999960	-0.002
20	1852.3999960	-0.002	1907.6000020	0.001
30	1852.3999960	-0.002	1907.6000020	0.001
40	1852.4000010	0.001	1907.6000040	0.002
50	1852.3999990	-0.001	1907.6000020	0.001
60	1852.4000040	0.002	1907.6000010	0.001
70	1852.4000030	0.002	1907.5999990	-0.001

7.8.2 WCDMA Band 4

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 1312 (1712.4 MHz)		CH 1513 (1752.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1712.4000010	0.001	1752.6000030	0.002
3.60	1712.3999970	-0.002	1752.6000030	0.002
4.20	1712.3999960	-0.002	1752.6000040	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 1312 (1712.4 MHz)		CH 1513 (1752.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1712.4000040	0.002	1752.6000020	0.001
-20	1712.3999980	-0.001	1752.5999960	-0.002
-10	1712.3999980	-0.001	1752.5999960	-0.002
0	1712.4000030	0.002	1752.5999980	-0.001
10	1712.4000030	0.002	1752.5999990	-0.001
20	1712.4000010	0.001	1752.5999990	-0.001
30	1712.3999970	-0.002	1752.6000020	0.001
40	1712.3999970	-0.002	1752.6000010	0.001
50	1712.3999980	-0.001	1752.5999980	-0.001
60	1712.3999990	-0.001	1752.6000040	0.002
70	1712.3999970	-0.002	1752.6000030	0.002

7.8.3 WCDMA Band 5

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 4132 (826.4 MHz)		CH 4223 (846.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	826.3999980	-0.002	846.5999990	-0.001
3.60	826.3999990	-0.001	846.6000020	0.002
4.20	826.4000040	0.005	846.5999960	-0.005

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 4132 (826.4 MHz)		CH 4223 (846.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	826.3999990	-0.001	846.5999960	-0.005
-20	826.4000020	0.002	846.5999990	-0.001
-10	826.3999960	-0.005	846.5999990	-0.001
0	826.4000020	0.002	846.5999990	-0.001
10	826.3999970	-0.004	846.6000020	0.002
20	826.3999970	-0.004	846.5999990	-0.001
30	826.3999970	-0.004	846.5999970	-0.004
40	826.4000030	0.004	846.6000020	0.002
50	826.3999980	-0.002	846.5999990	-0.001
60	826.3999990	-0.001	846.5999970	-0.004
70	826.3999980	-0.002	846.6000030	0.004

7.8.4 LTE Band 2

LTE Band 2, Channel Bandwidth: 1.4 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 18607 (1850.7 MHz)		CH 19193 (1909.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1850.6999970	-0.002	1909.3000020	0.001
3.60	1850.6999960	-0.002	1909.3000010	0.001
4.20	1850.7000030	0.002	1909.3000030	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 18607 (1850.7 MHz)		CH 19193 (1909.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1850.7000010	0.001	1909.2999970	-0.002
-20	1850.6999960	-0.002	1909.2999960	-0.002
-10	1850.7000040	0.002	1909.2999980	-0.001
0	1850.7000020	0.001	1909.2999980	-0.001
10	1850.6999960	-0.002	1909.2999960	-0.002
20	1850.7000030	0.002	1909.2999960	-0.002
30	1850.7000040	0.002	1909.2999980	-0.001
40	1850.6999980	-0.001	1909.2999960	-0.002
50	1850.6999980	-0.001	1909.2999960	-0.002
60	1850.6999990	-0.001	1909.3000010	0.001
70	1850.7000020	0.001	1909.2999990	-0.001

LTE Band 2, Channel Bandwidth: 3 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 18615 (1851.5 MHz)		CH 19185 (1908.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1851.4999990	-0.001	1908.5000030	0.002
3.60	1851.4999960	-0.002	1908.5000020	0.001
4.20	1851.5000010	0.001	1908.5000020	0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 18615 (1851.5 MHz)		CH 19185 (1908.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1851.4999980	-0.001	1908.4999980	-0.001
-20	1851.5000010	0.001	1908.4999990	-0.001
-10	1851.5000020	0.001	1908.5000010	0.001
0	1851.5000020	0.001	1908.4999960	-0.002
10	1851.5000040	0.002	1908.5000030	0.002
20	1851.4999980	-0.001	1908.4999970	-0.002
30	1851.5000040	0.002	1908.5000030	0.002
40	1851.5000040	0.002	1908.5000010	0.001
50	1851.5000010	0.001	1908.5000010	0.001
60	1851.4999960	-0.002	1908.5000040	0.002
70	1851.5000010	0.001	1908.4999970	-0.002

LTE Band 2, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 18625 (1852.5 MHz)		CH 19175 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1852.4999990	-0.001	1907.4999980	-0.001
3.60	1852.5000040	0.002	1907.5000020	0.001
4.20	1852.4999980	-0.001	1907.5000040	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 18625 (1852.5 MHz)		CH 19175 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1852.5000030	0.002	1907.4999960	-0.002
-20	1852.4999960	-0.002	1907.5000010	0.001
-10	1852.4999980	-0.001	1907.5000030	0.002
0	1852.5000020	0.001	1907.4999970	-0.002
10	1852.5000020	0.001	1907.5000020	0.001
20	1852.5000020	0.001	1907.4999980	-0.001
30	1852.4999960	-0.002	1907.4999980	-0.001
40	1852.5000040	0.002	1907.5000040	0.002
50	1852.5000010	0.001	1907.4999990	-0.001
60	1852.5000030	0.002	1907.4999990	-0.001
70	1852.5000010	0.001	1907.5000010	0.001

LTE Band 2, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 18650 (1855 MHz)		CH 19150 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1854.9999980	-0.001	1905.0000040	0.002
3.60	1854.9999990	-0.001	1904.9999990	-0.001
4.20	1855.0000030	0.002	1905.0000030	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 18650 (1855 MHz)		CH 19150 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1855.0000010	0.001	1905.0000040	0.002
-20	1854.9999970	-0.002	1905.0000040	0.002
-10	1855.0000010	0.001	1905.0000020	0.001
0	1855.0000040	0.002	1904.9999980	-0.001
10	1854.9999960	-0.002	1904.9999960	-0.002
20	1854.9999980	-0.001	1904.9999970	-0.002
30	1855.0000030	0.002	1905.0000030	0.002
40	1854.9999960	-0.002	1905.0000030	0.002
50	1855.0000040	0.002	1904.9999970	-0.002
60	1854.9999990	-0.001	1905.0000040	0.002
70	1854.9999990	-0.001	1904.9999970	-0.002

LTE Band 2, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 18675 (1857.5 MHz)		CH 19125 (1902.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1857.4999960	-0.002	1902.5000040	0.002
3.60	1857.4999980	-0.001	1902.5000010	0.001
4.20	1857.4999980	-0.001	1902.4999980	-0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 18675 (1857.5 MHz)		CH 19125 (1902.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1857.5000020	0.001	1902.4999990	-0.001
-20	1857.5000040	0.002	1902.4999960	-0.002
-10	1857.4999960	-0.002	1902.4999980	-0.001
0	1857.5000020	0.001	1902.4999960	-0.002
10	1857.4999980	-0.001	1902.5000010	0.001
20	1857.4999970	-0.002	1902.4999970	-0.002
30	1857.4999980	-0.001	1902.5000040	0.002
40	1857.5000040	0.002	1902.4999970	-0.002
50	1857.5000040	0.002	1902.5000040	0.002
60	1857.4999970	-0.002	1902.4999980	-0.001
70	1857.4999970	-0.002	1902.5000010	0.001

LTE Band 2, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 18700 (1860 MHz)		CH 19100 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1860.0000010	0.001	1899.9999970	-0.002
3.60	1860.0000010	0.001	1899.9999980	-0.001
4.20	1859.9999960	-0.002	1900.0000030	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 18700 (1860 MHz)		CH 19100 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1859.9999980	-0.001	1900.0000020	0.001
-20	1860.0000040	0.002	1900.0000040	0.002
-10	1860.0000020	0.001	1899.9999980	-0.001
0	1860.0000020	0.001	1900.0000010	0.001
10	1860.0000030	0.002	1899.9999970	-0.002
20	1860.0000040	0.002	1899.9999960	-0.002
30	1860.0000010	0.001	1899.9999960	-0.002
40	1860.0000040	0.002	1900.0000040	0.002
50	1859.9999960	-0.002	1900.0000040	0.002
60	1860.0000030	0.002	1900.0000010	0.001
70	1859.9999980	-0.001	1900.0000030	0.002

7.8.5 LTE Band 4

LTE Band 4, Channel Bandwidth: 1.4 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 19957 (1710.7 MHz)		CH 20393 (1754.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1710.6999980	-0.001	1754.3000020	0.001
3.60	1710.7000020	0.001	1754.2999990	-0.001
4.20	1710.6999960	-0.002	1754.2999990	-0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 19957 (1710.7 MHz)		CH 20393 (1754.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1710.7000030	0.002	1754.3000030	0.002
-20	1710.6999990	-0.001	1754.2999970	-0.002
-10	1710.7000040	0.002	1754.2999980	-0.001
0	1710.6999960	-0.002	1754.3000010	0.001
10	1710.7000030	0.002	1754.2999970	-0.002
20	1710.7000020	0.001	1754.3000020	0.001
30	1710.7000030	0.002	1754.3000030	0.002
40	1710.7000030	0.002	1754.2999970	-0.002
50	1710.6999970	-0.002	1754.2999960	-0.002
60	1710.6999990	-0.001	1754.3000020	0.001

LTE Band 4, Channel Bandwidth: 3 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 19965 (1711.5 MHz)		CH 20385 (1753.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1711.4999990	-0.001	1753.4999960	-0.002
3.60	1711.5000030	0.002	1753.4999960	-0.002
4.20	1711.5000010	0.001	1753.4999990	-0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 19965 (1711.5 MHz)		CH 20385 (1753.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1711.4999990	-0.001	1753.5000030	0.002
-20	1711.4999970	-0.002	1753.4999980	-0.001
-10	1711.4999990	-0.001	1753.5000020	0.001
0	1711.5000040	0.002	1753.4999990	-0.001
10	1711.4999960	-0.002	1753.4999980	-0.001
20	1711.4999970	-0.002	1753.4999980	-0.001
30	1711.4999970	-0.002	1753.5000020	0.001
40	1711.5000010	0.001	1753.5000010	0.001
50	1711.5000020	0.001	1753.5000030	0.002
60	1711.5000010	0.001	1753.5000020	0.001
70	1711.4999970	-0.002	1753.4999970	-0.002

LTE Band 4, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 19975 (1712.5 MHz)		CH 20375 (1752.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1712.5000010	0.001	1752.5000010	0.001
3.60	1712.4999970	-0.002	1752.4999970	-0.002
4.20	1712.5000030	0.002	1752.5000030	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 19975 (1712.5 MHz)		CH 20375 (1752.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1712.5000040	0.002	1752.5000010	0.001
-20	1712.4999990	-0.001	1752.5000040	0.002
-10	1712.4999990	-0.001	1752.4999960	-0.002
0	1712.5000010	0.001	1752.4999990	-0.001
10	1712.4999960	-0.002	1752.5000020	0.001
20	1712.5000010	0.001	1752.5000030	0.002
30	1712.5000020	0.001	1752.5000010	0.001
40	1712.5000030	0.002	1752.4999960	-0.002
50	1712.4999990	-0.001	1752.5000020	0.001
60	1712.4999970	-0.002	1752.4999990	-0.001
70	1712.4999990	-0.001	1752.5000020	0.001

LTE Band 4, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20000 (1715 MHz)		CH 20350 (1750 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1714.9999990	-0.001	1749.9999970	-0.002
3.60	1715.0000040	0.002	1750.0000040	0.002
4.20	1714.9999960	-0.002	1749.9999970	-0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20000 (1715 MHz)		CH 20350 (1750 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1715.0000020	0.001	1750.0000020	0.001
-20	1714.9999960	-0.002	1750.0000030	0.002
-10	1714.9999970	-0.002	1750.0000030	0.002
0	1714.9999970	-0.002	1749.9999980	-0.001
10	1715.0000010	0.001	1749.9999970	-0.002
20	1715.0000020	0.001	1750.0000040	0.002
30	1715.0000020	0.001	1749.9999970	-0.002
40	1715.0000020	0.001	1750.0000030	0.002
50	1715.0000030	0.002	1749.9999960	-0.002
60	1714.9999990	-0.001	1749.9999960	-0.002
70	1714.9999980	-0.001	1749.9999970	-0.002

LTE Band 4, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20025 (1717.5 MHz)		CH 20325 (1747.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1717.4999970	-0.002	1747.5000040	0.002
3.60	1717.5000010	0.001	1747.4999980	-0.001
4.20	1717.5000030	0.002	1747.5000040	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20025 (1717.5 MHz)		CH 20325 (1747.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1717.4999980	-0.001	1747.4999990	-0.001
-20	1717.5000030	0.002	1747.5000010	0.001
-10	1717.4999960	-0.002	1747.4999960	-0.002
0	1717.5000030	0.002	1747.4999980	-0.001
10	1717.5000010	0.001	1747.5000030	0.002
20	1717.5000030	0.002	1747.4999960	-0.002
30	1717.4999980	-0.001	1747.4999970	-0.002
40	1717.4999970	-0.002	1747.5000010	0.001
50	1717.4999980	-0.001	1747.4999970	-0.002
60	1717.5000040	0.002	1747.5000030	0.002
70	1717.4999960	-0.002	1747.5000020	0.001

LTE Band 4, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20050 (1720 MHz)		CH 20300 (1745 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1720.0000020	0.001	1745.0000020	0.001
3.60	1719.9999990	-0.001	1744.9999960	-0.002
4.20	1719.9999980	-0.001	1745.0000040	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20050 (1720 MHz)		CH 20300 (1745 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1719.9999960	-0.002	1745.0000030	0.002
-20	1720.0000020	0.001	1745.0000020	0.001
-10	1720.0000030	0.002	1745.0000020	0.001
0	1719.9999980	-0.001	1745.0000010	0.001
10	1719.9999980	-0.001	1745.0000040	0.002
20	1719.9999990	-0.001	1745.0000030	0.002
30	1719.9999960	-0.002	1745.0000030	0.002
40	1719.9999970	-0.002	1745.0000030	0.002
50	1719.9999960	-0.002	1744.9999980	-0.001
60	1720.0000020	0.001	1745.0000010	0.001
70	1719.9999990	-0.001	1744.9999980	-0.001

7.8.6 LTE Band 5

LTE Band 5, Channel Bandwidth: 1.4 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20407 (824.7 MHz)		CH 20643 (848.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	824.6999960	-0.005	848.2999990	-0.001
3.60	824.7000020	0.002	848.2999960	-0.005
4.20	824.7000040	0.005	848.3000010	0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20407 (824.7 MHz)		CH 20643 (848.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	824.6999970	-0.004	848.2999970	-0.004
-20	824.7000010	0.001	848.3000020	0.002
-10	824.6999970	-0.004	848.3000040	0.005
0	824.6999960	-0.005	848.3000040	0.005
10	824.7000010	0.001	848.2999980	-0.002
20	824.7000040	0.005	848.3000040	0.005
30	824.7000010	0.001	848.2999970	-0.004
40	824.6999970	-0.004	848.3000010	0.001
50	824.7000020	0.002	848.3000010	0.001
60	824.6999970	-0.004	848.3000020	0.002
70	824.7000010	0.001	848.3000020	0.002

LTE Band 5, Channel Bandwidth: 3 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20415 (825.5 MHz)		CH 20635 (847.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	825.4999970	-0.004	847.4999960	-0.005
3.60	825.5000040	0.005	847.5000030	0.004
4.20	825.5000030	0.004	847.4999990	-0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20415 (825.5 MHz)		CH 20635 (847.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	825.4999980	-0.002	847.4999960	-0.005
-20	825.4999980	-0.002	847.5000010	0.001
-10	825.4999980	-0.002	847.5000040	0.005
0	825.4999970	-0.004	847.4999970	-0.004
10	825.5000020	0.002	847.5000040	0.005
20	825.5000010	0.001	847.5000020	0.002
30	825.4999960	-0.005	847.5000020	0.002
40	825.5000040	0.005	847.5000040	0.005
50	825.4999970	-0.004	847.5000010	0.001
60	825.4999960	-0.005	847.5000040	0.005
70	825.5000040	0.005	847.4999970	-0.004

LTE Band 5, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20425 (826.5 MHz)		CH 20625 (846.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	826.5000010	0.001	846.5000020	0.002
3.60	826.4999980	-0.002	846.4999970	-0.004
4.20	826.4999970	-0.004	846.5000010	0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20425 (826.5 MHz)		CH 20625 (846.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	826.5000010	0.001	846.4999980	-0.002
-20	826.4999960	-0.005	846.4999960	-0.005
-10	826.4999980	-0.002	846.4999970	-0.004
0	826.4999960	-0.005	846.5000010	0.001
10	826.5000040	0.005	846.4999980	-0.002
20	826.5000030	0.004	846.4999980	-0.002
30	826.5000040	0.005	846.5000030	0.004
40	826.5000040	0.005	846.4999980	-0.002
50	826.5000020	0.002	846.5000010	0.001
60	826.5000030	0.004	846.5000040	0.005
70	826.4999980	-0.002	846.4999990	-0.001

LTE Band 5, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20450 (829 MHz)		CH 20600 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	828.9999980	-0.002	844.0000010	0.001
3.60	828.9999970	-0.004	843.9999960	-0.005
4.20	829.0000020	0.002	844.0000040	0.005

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20450 (829 MHz)		CH 20600 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	829.0000040	0.005	843.9999980	-0.002
-20	829.0000020	0.002	844.0000040	0.005
-10	829.0000020	0.002	844.0000030	0.004
0	829.0000010	0.001	844.0000040	0.005
10	829.0000010	0.001	843.9999980	-0.002
20	829.0000040	0.005	843.9999990	-0.001
30	828.9999980	-0.002	844.0000010	0.001
40	829.0000030	0.004	843.9999960	-0.005
50	828.9999970	-0.004	844.0000010	0.001
60	828.9999960	-0.005	843.9999970	-0.004
70	829.0000030	0.004	843.9999970	-0.004

7.8.7 LTE Band 12

LTE Band 12, Channel Bandwidth: 1.4 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23017 (699.7 MHz)		CH 23173 (715.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	699.7000020	0.003	715.3000030	0.004
3.60	699.7000030	0.004	715.2999960	-0.006
4.20	699.7000030	0.004	715.3000030	0.004

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 23017 (699.7 MHz)		CH 23173 (715.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	699.6999970	-0.004	715.3000040	0.006
-20	699.7000030	0.004	715.3000010	0.001
-10	699.6999980	-0.003	715.2999990	-0.001
0	699.6999960	-0.006	715.2999980	-0.003
10	699.7000020	0.003	715.2999990	-0.001
20	699.7000040	0.006	715.3000040	0.006
30	699.6999980	-0.003	715.2999970	-0.004
40	699.6999990	-0.001	715.2999960	-0.006
50	699.7000030	0.004	715.3000020	0.003
60	699.6999990	-0.001	715.3000020	0.003
70	699.6999990	-0.001	715.2999990	-0.001

LTE Band 12, Channel Bandwidth: 3 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23025 (700.5 MHz)		CH 23165 (714.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	700.5000010	0.001	714.5000030	0.004
3.60	700.4999980	-0.003	714.5000010	0.001
4.20	700.4999980	-0.003	714.4999990	-0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 23025 (700.5 MHz)		CH 23165 (714.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	700.5000010	0.001	714.4999960	-0.006
-20	700.4999970	-0.004	714.5000030	0.004
-10	700.5000040	0.006	714.4999970	-0.004
0	700.4999990	-0.001	714.5000020	0.003
10	700.5000020	0.003	714.5000020	0.003
20	700.4999980	-0.003	714.4999970	-0.004
30	700.4999990	-0.001	714.4999990	-0.001
40	700.5000020	0.003	714.4999990	-0.001
50	700.4999970	-0.004	714.4999990	-0.001
60	700.4999990	-0.001	714.4999970	-0.004
70	700.5000020	0.003	714.4999960	-0.006

LTE Band 12, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23035 (701.5 MHz)		CH 23155 (713.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	701.4999980	-0.003	713.4999990	-0.001
3.60	701.4999990	-0.001	713.4999990	-0.001
4.20	701.5000030	0.004	713.5000020	0.003

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 23035 (701.5 MHz)		CH 23155 (713.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	701.4999990	-0.001	713.4999980	-0.003
-20	701.5000010	0.001	713.4999990	-0.001
-10	701.4999990	-0.001	713.4999970	-0.004
0	701.4999980	-0.003	713.5000040	0.006
10	701.4999990	-0.001	713.4999960	-0.006
20	701.5000030	0.004	713.5000020	0.003
30	701.5000020	0.003	713.4999970	-0.004
40	701.5000020	0.003	713.5000020	0.003
50	701.5000030	0.004	713.4999980	-0.003
60	701.4999990	-0.001	713.4999990	-0.001
70	701.5000030	0.004	713.4999980	-0.003

LTE Band 12, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23060 (704 MHz)		CH 23130 (711 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	704.0000040	0.006	710.9999980	-0.003
3.60	703.9999970	-0.004	710.9999970	-0.004
4.20	703.9999960	-0.006	710.9999960	-0.006

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 23060 (704 MHz)		CH 23130 (711 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	703.9999960	-0.006	711.0000010	0.001
-20	703.9999990	-0.001	711.0000030	0.004
-10	704.0000020	0.003	710.9999980	-0.003
0	704.0000010	0.001	711.0000030	0.004
10	703.9999960	-0.006	710.9999960	-0.006
20	703.9999980	-0.003	710.9999960	-0.006
30	704.0000020	0.003	711.0000020	0.003
40	704.0000010	0.001	711.0000020	0.003
50	703.9999960	-0.006	710.9999970	-0.004
60	703.9999970	-0.004	711.0000020	0.003
70	704.0000040	0.006	710.9999980	-0.003

7.8.8 LTE Band 25

LTE Band 25, Channel Bandwidth: 1.4 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26047 (1850.7 MHz)		CH 26683 (1914.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1850.6999960	-0.002	1914.3000020	0.001
3.60	1850.6999970	-0.002	1914.2999980	-0.001
4.20	1850.7000010	0.001	1914.2999970	-0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26047 (1850.7 MHz)		CH 26683 (1914.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1850.7000040	0.002	1914.2999960	-0.002
-20	1850.6999980	-0.001	1914.3000040	0.002
-10	1850.7000030	0.002	1914.2999960	-0.002
0	1850.6999980	-0.001	1914.3000010	0.001
10	1850.7000040	0.002	1914.3000030	0.002
20	1850.6999960	-0.002	1914.3000030	0.002
30	1850.7000030	0.002	1914.2999960	-0.002
40	1850.6999970	-0.002	1914.3000040	0.002
50	1850.7000040	0.002	1914.3000030	0.002
60	1850.7000010	0.001	1914.2999980	-0.001
70	1850.6999980	-0.001	1914.3000030	0.002

LTE Band 25, Channel Bandwidth: 3 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26055 (1851.5 MHz)		CH 26675 (1913.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1851.5000010	0.001	1913.5000010	0.001
3.60	1851.5000020	0.001	1913.5000030	0.002
4.20	1851.4999990	-0.001	1913.5000010	0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26055 (1851.5 MHz)		CH 26675 (1913.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1851.5000030	0.002	1913.4999980	-0.001
-20	1851.5000010	0.001	1913.5000020	0.001
-10	1851.5000020	0.001	1913.5000040	0.002
0	1851.4999960	-0.002	1913.5000030	0.002
10	1851.5000030	0.002	1913.5000010	0.001
20	1851.4999980	-0.001	1913.5000040	0.002
30	1851.5000020	0.001	1913.5000030	0.002
40	1851.4999960	-0.002	1913.4999970	-0.002
50	1851.5000030	0.002	1913.4999970	-0.002
60	1851.4999970	-0.002	1913.5000030	0.002
70	1851.4999960	-0.002	1913.5000020	0.001

LTE Band 25, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26065 (1852.5 MHz)		CH 26665 (1912.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1852.5000040	0.002	1912.5000020	0.001
3.60	1852.4999970	-0.002	1912.4999980	-0.001
4.20	1852.4999970	-0.002	1912.5000040	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26065 (1852.5 MHz)		CH 26665 (1912.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1852.4999980	-0.001	1912.5000010	0.001
-20	1852.5000040	0.002	1912.5000020	0.001
-10	1852.5000010	0.001	1912.4999980	-0.001
0	1852.5000010	0.001	1912.5000020	0.001
10	1852.4999980	-0.001	1912.5000020	0.001
20	1852.4999960	-0.002	1912.5000040	0.002
30	1852.5000020	0.001	1912.4999960	-0.002
40	1852.4999990	-0.001	1912.5000010	0.001
50	1852.5000030	0.002	1912.5000040	0.002
60	1852.5000030	0.002	1912.4999960	-0.002
70	1852.4999970	-0.002	1912.5000020	0.001

LTE Band 25, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26090 (1855 MHz)		CH 26640 (1910 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1854.9999980	-0.001	1910.0000040	0.002
3.60	1854.9999990	-0.001	1910.0000020	0.001
4.20	1854.9999970	-0.002	1909.9999960	-0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26090 (1855 MHz)		CH 26640 (1910 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1855.0000040	0.002	1909.9999970	-0.002
-20	1854.9999970	-0.002	1910.0000020	0.001
-10	1854.9999970	-0.002	1910.0000040	0.002
0	1855.0000010	0.001	1909.9999960	-0.002
10	1855.0000010	0.001	1909.9999980	-0.001
20	1854.9999960	-0.002	1909.9999990	-0.001
30	1855.0000010	0.001	1910.0000020	0.001
40	1854.9999990	-0.001	1910.0000010	0.001
50	1855.0000010	0.001	1910.0000040	0.002
60	1855.0000030	0.002	1909.9999990	-0.001
70	1854.9999960	-0.002	1910.0000030	0.002

LTE Band 25, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26115 (1857.5 MHz)		CH 26615 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1857.5000040	0.002	1907.5000010	0.001
3.60	1857.5000030	0.002	1907.5000040	0.002
4.20	1857.4999980	-0.001	1907.4999980	-0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26115 (1857.5 MHz)		CH 26615 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1857.4999970	-0.002	1907.5000040	0.002
-20	1857.5000010	0.001	1907.5000020	0.001
-10	1857.5000040	0.002	1907.4999980	-0.001
0	1857.4999960	-0.002	1907.4999960	-0.002
10	1857.4999990	-0.001	1907.5000010	0.001
20	1857.4999960	-0.002	1907.5000030	0.002
30	1857.4999990	-0.001	1907.4999970	-0.002
40	1857.5000020	0.001	1907.5000020	0.001
50	1857.5000030	0.002	1907.5000030	0.002
60	1857.5000020	0.001	1907.5000040	0.002
70	1857.5000020	0.001	1907.4999970	-0.002

LTE Band 25, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26140 (1860 MHz)		CH 26590 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	1860.0000020	0.001	1904.9999980	-0.001
3.60	1860.0000030	0.002	1905.0000010	0.001
4.20	1859.9999960	-0.002	1905.0000010	0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26140 (1860 MHz)		CH 26590 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1859.9999990	-0.001	1904.9999960	-0.002
-20	1860.0000040	0.002	1905.0000040	0.002
-10	1860.0000020	0.001	1904.9999980	-0.001
0	1860.0000020	0.001	1905.0000040	0.002
10	1860.0000020	0.001	1905.0000030	0.002
20	1859.9999960	-0.002	1905.0000030	0.002
30	1860.0000020	0.001	1904.9999990	-0.001
40	1860.0000020	0.001	1904.9999990	-0.001
50	1859.9999980	-0.001	1904.9999970	-0.002
60	1860.0000040	0.002	1904.9999960	-0.002
70	1860.0000030	0.002	1905.0000030	0.002

7.8.9 LTE Band 26 (814 MHz ~ 824 MHz)

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 1.4 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26697 (814.7 MHz)		CH 26783 (823.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	814.7000030	0.004	823.3000030	0.004
3.60	814.6999990	-0.001	823.2999970	-0.004
4.20	814.6999990	-0.001	823.3000010	0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26697 (814.7 MHz)		CH 26783 (823.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	814.6999990	-0.001	823.2999970	-0.004
-20	814.7000040	0.005	823.2999970	-0.004
-10	814.6999990	-0.001	823.2999960	-0.005
0	814.6999970	-0.004	823.3000040	0.005
10	814.6999970	-0.004	823.2999970	-0.004
20	814.7000030	0.004	823.3000040	0.005
30	814.6999970	-0.004	823.2999980	-0.002
40	814.6999960	-0.005	823.2999970	-0.004
50	814.7000030	0.004	823.3000020	0.002
60	814.6999990	-0.001	823.3000020	0.002
70	814.7000030	0.004	823.2999970	-0.004

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 3 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26705 (815.5 MHz)		CH 26775 (822.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	815.5000040	0.005	822.4999990	-0.001
3.60	815.4999970	-0.004	822.4999980	-0.002
4.20	815.4999990	-0.001	822.4999970	-0.004

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26705 (815.5 MHz)		CH 26775 (822.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	815.5000010	0.001	822.4999960	-0.005
-20	815.5000040	0.005	822.5000030	0.004
-10	815.4999960	-0.005	822.4999970	-0.004
0	815.4999970	-0.004	822.5000020	0.002
10	815.5000020	0.002	822.5000030	0.004
20	815.4999960	-0.005	822.4999990	-0.001
30	815.5000010	0.001	822.5000020	0.002
40	815.4999970	-0.004	822.4999970	-0.004
50	815.5000010	0.001	822.4999990	-0.001
60	815.4999970	-0.004	822.4999980	-0.002
70	815.5000040	0.005	822.5000030	0.004

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26715 (816.5 MHz)		CH 26765 (821.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	816.4999980	-0.002	821.4999980	-0.002
3.60	816.5000030	0.004	821.5000040	0.005
4.20	816.4999990	-0.001	821.5000010	0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26715 (816.5 MHz)		CH 26765 (821.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	816.5000040	0.005	821.4999970	-0.004
-20	816.5000020	0.002	821.4999990	-0.001
-10	816.4999960	-0.005	821.4999960	-0.005
0	816.5000030	0.004	821.5000040	0.005
10	816.4999990	-0.001	821.4999980	-0.002
20	816.5000030	0.004	821.4999960	-0.005
30	816.5000040	0.005	821.4999990	-0.001
40	816.4999960	-0.005	821.4999980	-0.002
50	816.4999960	-0.005	821.4999980	-0.002
60	816.5000020	0.002	821.4999980	-0.002
70	816.4999990	-0.001	821.5000040	0.005

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 26740 (819 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.45	818.9999980	-0.002
3.60	819.0000030	0.004
4.20	818.9999990	-0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature		
Temperature (℃)	CH 26740 (819 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	819.0000010	0.001
-20	819.0000020	0.002
-10	819.0000040	0.005
0	818.9999970	-0.004
10	819.0000010	0.001
20	818.9999960	-0.005
30	819.0000020	0.002
40	819.0000030	0.004
50	819.0000030	0.004
60	818.9999990	-0.001
70	818.9999980	-0.002

7.8.10LTE Band 26 (824 MHz ~ 849 MHz)

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 1.4 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26797 (824.7 MHz)		CH 27033 (848.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	824.6999990	-0.001	848.3000020	0.002
3.60	824.7000020	0.002	848.2999990	-0.001
4.20	824.6999970	-0.004	848.2999970	-0.004

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26797 (824.7 MHz)		CH 27033 (848.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	824.7000040	0.005	848.3000010	0.001
-20	824.6999990	-0.001	848.2999960	-0.005
-10	824.6999980	-0.002	848.2999980	-0.002
0	824.6999970	-0.004	848.3000020	0.002
10	824.6999990	-0.001	848.2999970	-0.004
20	824.6999990	-0.001	848.3000020	0.002
30	824.6999980	-0.002	848.2999990	-0.001
40	824.6999990	-0.001	848.3000020	0.002
50	824.7000040	0.005	848.2999990	-0.001
60	824.6999970	-0.004	848.3000030	0.004
70	824.6999970	-0.004	848.2999960	-0.005

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 3 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26805 (825.5 MHz)		CH 27025 (847.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	825.4999960	-0.005	847.4999970	-0.004
3.60	825.4999960	-0.005	847.5000020	0.002
4.20	825.5000020	0.002	847.5000040	0.005

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26805 (825.5 MHz)		CH 27025 (847.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	825.5000020	0.002	847.4999960	-0.005
-20	825.5000020	0.002	847.5000010	0.001
-10	825.5000020	0.002	847.4999980	-0.002
0	825.5000040	0.005	847.4999980	-0.002
10	825.5000040	0.005	847.4999960	-0.005
20	825.5000040	0.005	847.4999960	-0.005
30	825.5000040	0.005	847.4999980	-0.002
40	825.5000040	0.005	847.4999970	-0.004
50	825.4999980	-0.002	847.4999970	-0.004
60	825.4999970	-0.004	847.5000030	0.004
70	825.4999970	-0.004	847.5000030	0.004

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26815 (826.5 MHz)		CH 27015 (846.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	826.4999990	-0.001	846.4999960	-0.005
3.60	826.4999970	-0.004	846.4999980	-0.002
4.20	826.5000010	0.001	846.5000010	0.001

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26815 (826.5 MHz)		CH 27015 (846.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	826.5000020	0.002	846.5000020	0.002
-20	826.4999970	-0.004	846.4999980	-0.002
-10	826.5000010	0.001	846.5000020	0.002
0	826.5000040	0.005	846.4999970	-0.004
10	826.4999980	-0.002	846.4999960	-0.005
20	826.5000020	0.002	846.4999970	-0.004
30	826.4999990	-0.001	846.4999980	-0.002
40	826.5000020	0.002	846.4999990	-0.001
50	826.4999990	-0.001	846.4999970	-0.004
60	826.5000040	0.005	846.4999990	-0.001
70	826.4999970	-0.004	846.4999980	-0.002

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26840 (829 MHz)		CH 26990 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	828.9999990	-0.001	844.0000040	0.005
3.60	829.0000030	0.004	843.9999980	-0.002
4.20	829.0000020	0.002	844.0000020	0.002

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26840 (829 MHz)		CH 26990 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	828.9999990	-0.001	843.9999970	-0.004
-20	829.0000010	0.001	843.9999990	-0.001
-10	828.9999970	-0.004	844.0000030	0.004
0	829.0000040	0.005	843.9999980	-0.002
10	828.9999960	-0.005	844.0000020	0.002
20	829.0000020	0.002	843.9999960	-0.005
30	829.0000020	0.002	844.0000030	0.004
40	829.0000040	0.005	844.0000040	0.005
50	828.9999960	-0.005	843.9999960	-0.005
60	828.9999980	-0.002	843.9999970	-0.004
70	828.9999970	-0.004	843.9999990	-0.001

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26865 (831.5 MHz)		CH 26965 (841.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.45	831.4999960	-0.005	841.4999980	-0.002
3.60	831.4999990	-0.001	841.4999990	-0.001
4.20	831.5000020	0.002	841.5000030	0.004

Note: The applicant defined the normal working voltage is from 3.45 to 4.20 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26865 (831.5 MHz)		CH 26965 (841.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	831.5000010	0.001	841.5000010	0.001
-20	831.4999960	-0.005	841.4999980	-0.002
-10	831.4999990	-0.001	841.5000010	0.001
0	831.5000020	0.002	841.4999980	-0.002
10	831.5000040	0.005	841.5000040	0.005
20	831.5000010	0.001	841.5000020	0.002
30	831.5000040	0.005	841.5000020	0.002
40	831.4999990	-0.001	841.4999980	-0.002
50	831.5000020	0.002	841.5000020	0.002
60	831.5000020	0.002	841.5000020	0.002
70	831.4999970	-0.004	841.5000030	0.004

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Lin Kou EMC/RF Lab
Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab
Tel: 886-3-6668565
Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@bureauveritas.com
Web Site: http://ee.bureauveritas.com.tw

The address and road map of all our labs can be found in our web site also.

--- END ---