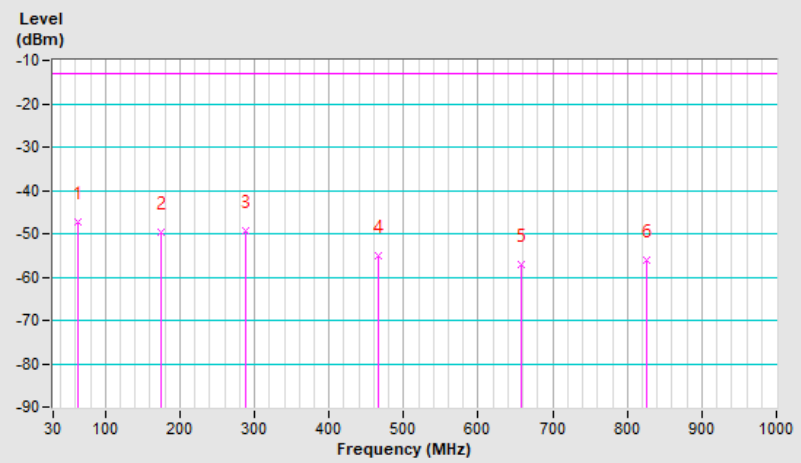
7.6.11 LTE Band 26 (824 MHz ~ 849 MHz)

RF Mode	LTE Band 26 (824 MHz ~ 849 MHz) Channel Bandwidth: 15MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-47.29	-13.00	-34.29	2.00 H	216	63.98	-111.27
2	174.53	-49.63	-13.00	-36.63	1.00 H	76	61.32	-110.95
3	288.02	-49.20	-13.00	-36.20	1.50 H	166	60.60	-109.80
4	465.53	-55.13	-13.00	-42.13	1.00 H	284	50.03	-105.16
5	658.56	-57.13	-13.00	-44.13	2.00 H	8	44.25	-101.38
6	826.37	-56.26	-13.00	-43.26	1.50 H	30	42.05	-98.31

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.

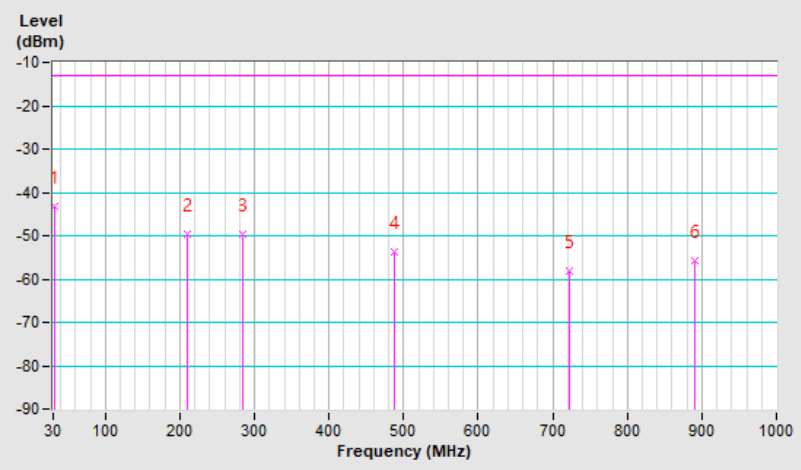


RF Mode	LTE Band 26 (824 MHz ~ 849 MHz) Channel Bandwidth: 15MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.09	-13.00	-30.09	1.50 V	119	67.65	-110.74
2	209.45	-49.64	-13.00	-36.64	1.00 V	164	63.62	-113.26
3	285.11	-49.72	-13.00	-36.72	2.00 V	201	60.14	-109.86
4	487.84	-53.87	-13.00	-40.87	1.00 V	91	50.82	-104.69
5	721.61	-57.99	-13.00	-44.99	1.50 V	216	42.13	-100.12
6	890.39	-55.92	-13.00	-42.92	1.00 V	15	42.22	-98.14

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.



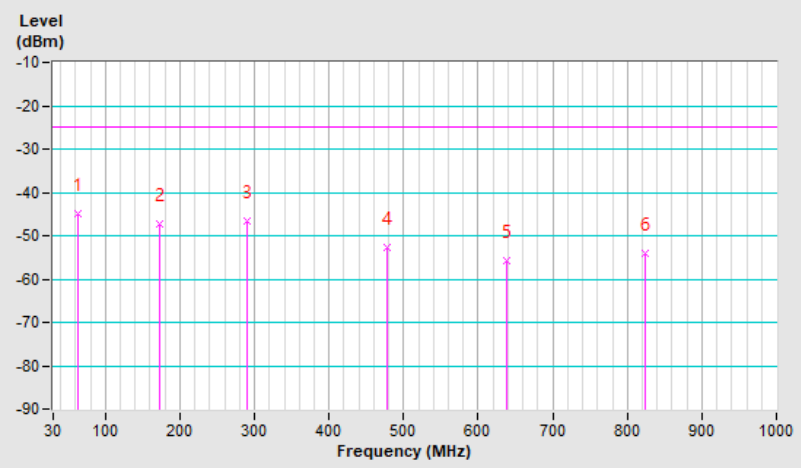
7.6.12 LTE Band 41

RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	**Channel**	CH 41490：2680 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	-44.94	-25.00	-19.94	2.00 H	218	64.18	-109.12
2	173.56	-47.39	-25.00	-22.39	1.00 H	68	61.33	-108.72
3	290.93	-46.60	-25.00	-21.60	1.50 H	175	60.98	-107.58
4	478.14	-52.82	-25.00	-27.82	1.00 H	27	49.98	-102.80
5	639.16	-55.89	-25.00	-30.89	2.00 H	193	43.52	-99.41
6	824.43	-53.97	-25.00	-28.97	2.00 H	27	42.18	-96.15

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

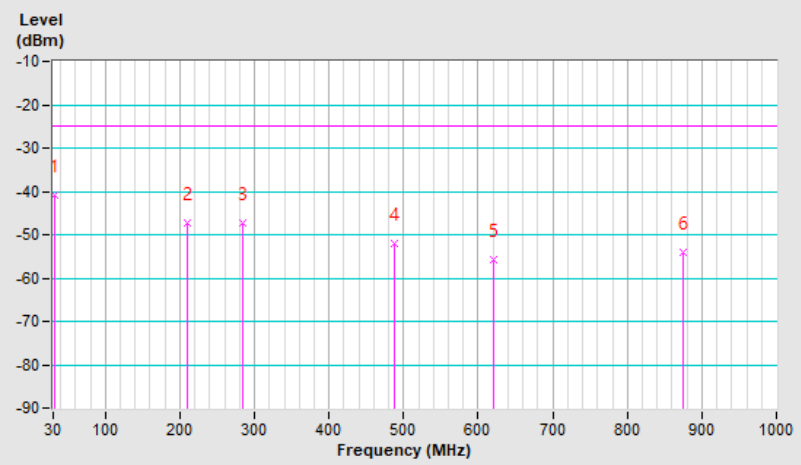


RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	**Channel**	CH 41490：2680 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-40.96	-25.00	-15.96	1.00 V	91	67.63	-108.59
2	209.45	-47.43	-25.00	-22.43	2.00 V	166	63.68	-111.11
3	284.14	-47.26	-25.00	-22.26	1.00 V	202	60.49	-107.75
4	487.84	-52.01	-25.00	-27.01	1.00 V	26	50.53	-102.54
5	619.76	-55.74	-25.00	-30.74	1.50 V	162	44.08	-99.82
6	873.90	-54.05	-25.00	-29.05	1.50 V	2	42.01	-96.06

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 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.



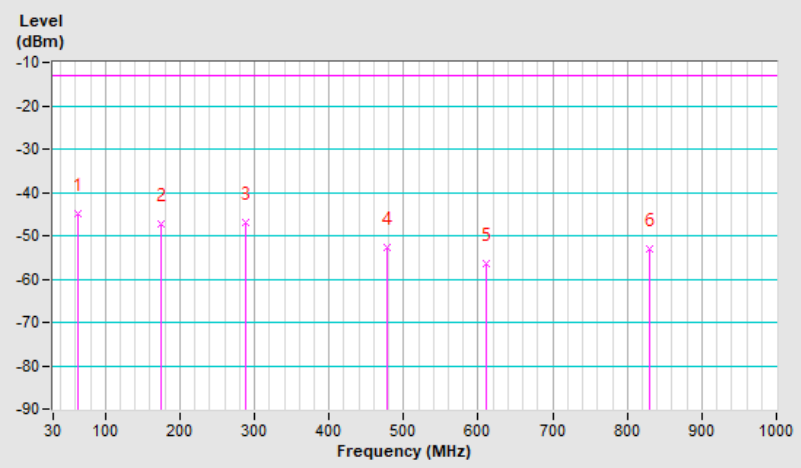
7.6.13 LTE Band 66

RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	-45.02	-13.00	-32.02	2.00 H	220	64.10	-109.12
2	174.53	-47.22	-13.00	-34.22	1.00 H	88	61.58	-108.80
3	288.99	-47.03	-13.00	-34.03	1.50 H	172	60.60	-107.63
4	478.14	-52.66	-13.00	-39.66	1.50 H	18	50.14	-102.80
5	611.03	-56.38	-13.00	-43.38	1.00 H	157	43.72	-100.10
6	829.28	-53.15	-13.00	-40.15	1.00 H	119	43.02	-96.17

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

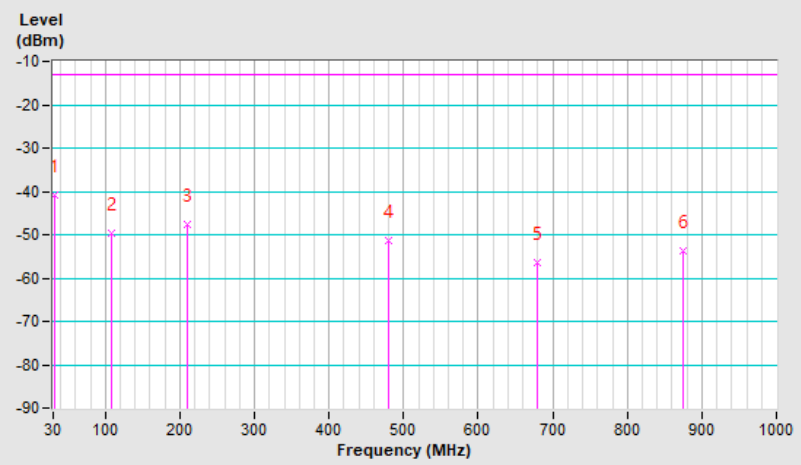


RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-40.91	-13.00	-27.91	1.00 V	134	67.68	-108.59
2	107.60	-49.66	-13.00	-36.66	1.00 V	168	61.34	-111.00
3	209.45	-47.60	-13.00	-34.60	1.50 V	172	63.51	-111.11
4	480.08	-51.51	-13.00	-38.51	1.00 V	88	51.26	-102.77
5	679.90	-56.31	-13.00	-43.31	2.00 V	212	42.56	-98.87
6	874.87	-53.82	-13.00	-40.82	1.50 V	2	42.24	-96.06

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 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.



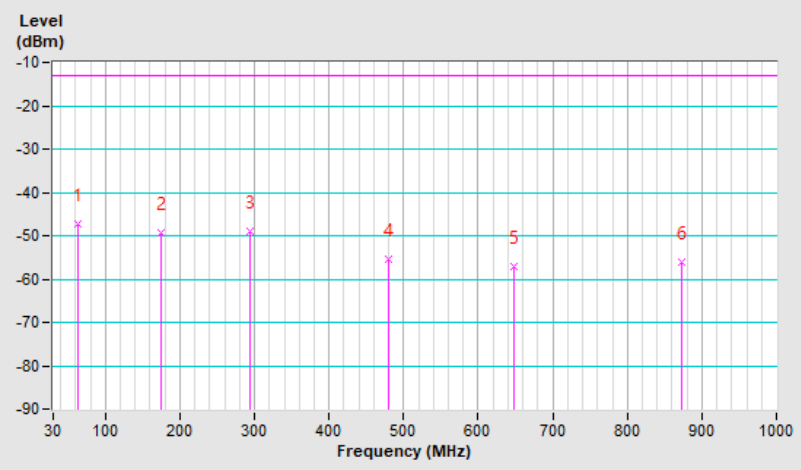
7.6.14 LTE Band 71

RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-47.30	-13.00	-34.30	2.00 H	219	63.97	-111.27
2	174.53	-49.48	-13.00	-36.48	1.00 H	78	61.47	-110.95
3	293.84	-48.84	-13.00	-35.84	1.50 H	186	60.81	-109.65
4	479.11	-55.47	-13.00	-42.47	1.00 H	284	49.46	-104.93
5	648.86	-57.10	-13.00	-44.10	1.00 H	190	44.34	-101.44
6	872.93	-55.97	-13.00	-42.97	2.00 H	18	42.25	-98.22

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.

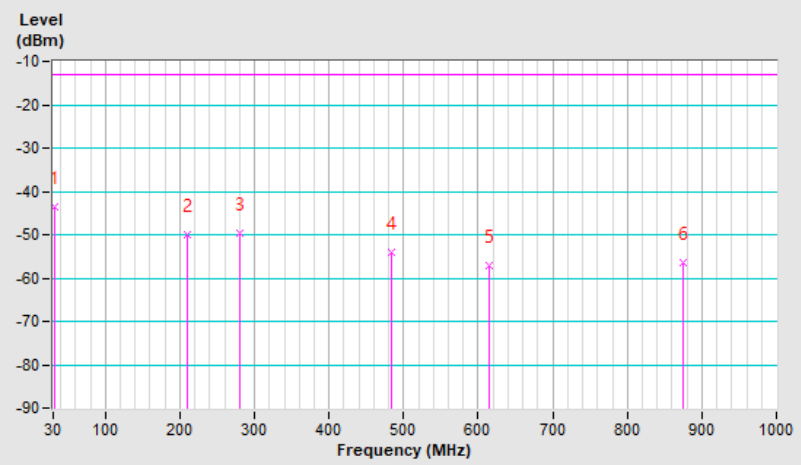


RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.40	-13.00	-30.40	1.00 V	135	67.34	-110.74
2	210.42	-49.84	-13.00	-36.84	1.50 V	173	63.42	-113.26
3	281.23	-49.54	-13.00	-36.54	1.00 V	201	60.45	-109.99
4	483.96	-54.10	-13.00	-41.10	2.00 V	89	50.72	-104.82
5	614.91	-57.18	-13.00	-44.18	1.00 V	158	44.92	-102.10
6	874.87	-56.31	-13.00	-43.31	1.50 V	195	41.90	-98.21

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.



Without shielding case

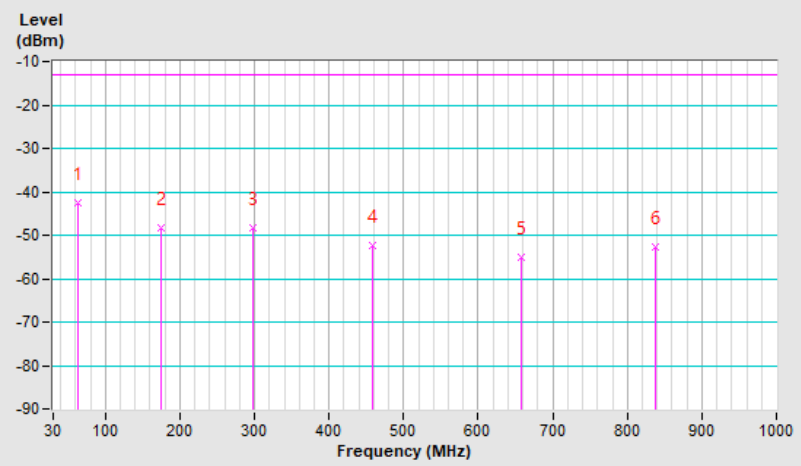
7.6.15 LTE Band 2

RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 18900：1880 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	-42.41	-13.00	-29.41	2.00 H	56	66.71	-109.12
2	175.50	-48.26	-13.00	-35.26	1.00 H	74	60.64	-108.90
3	297.72	-48.27	-13.00	-35.27	1.50 H	169	59.11	-107.38
4	458.74	-52.41	-13.00	-39.41	1.00 H	19	50.76	-103.17
5	658.56	-55.14	-13.00	-42.14	2.00 H	195	44.09	-99.23
6	838.01	-52.86	-13.00	-39.86	1.00 H	321	43.32	-96.18

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

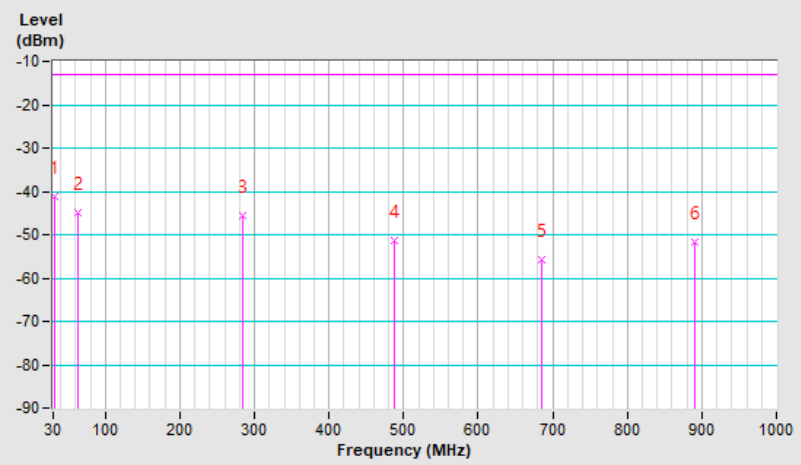


RF Mode	LTE Band 2 Channel Bandwidth: 20MHz	**Channel**	CH 18900：1880 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-41.18	-13.00	-28.18	1.50 V	42	67.41	-108.59
2	63.95	-44.90	-13.00	-31.90	1.00 V	343	64.22	-109.12
3	285.11	-45.69	-13.00	-32.69	1.00 V	198	62.02	-107.71
4	486.87	-51.34	-13.00	-38.34	2.00 V	18	51.24	-102.58
5	684.75	-55.62	-13.00	-42.62	1.00 V	26	43.19	-98.81
6	891.36	-51.53	-13.00	-38.53	1.50 V	284	44.47	-96.00

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 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.



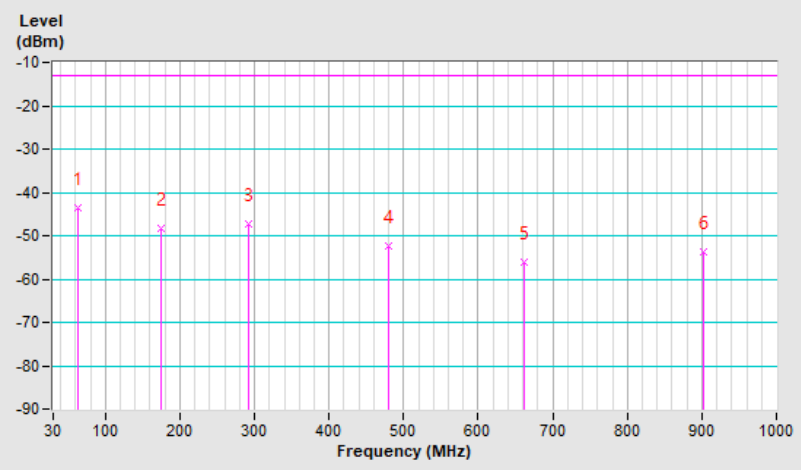
7.6.16 LTE Band 4

RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20300：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-43.58	-13.00	-30.58	1.50 H	62	65.09	-108.67
2	174.53	-48.24	-13.00	-35.24	1.00 H	80	60.56	-108.80
3	292.87	-47.19	-13.00	-34.19	2.00 H	32	60.34	-107.53
4	480.08	-52.34	-13.00	-39.34	1.00 H	290	50.43	-102.77
5	662.44	-55.96	-13.00	-42.96	1.00 H	190	43.23	-99.19
6	903.00	-53.59	-13.00	-40.59	1.50 H	6	42.38	-95.97

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

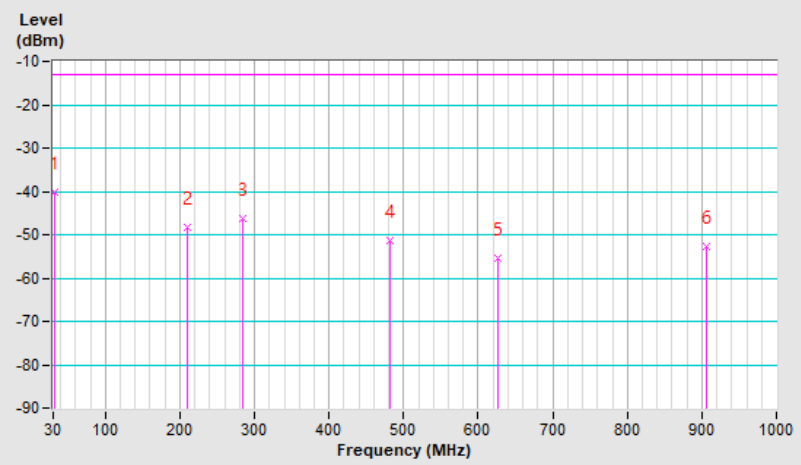


RF Mode	LTE Band 4 Channel Bandwidth: 20MHz	**Channel**	CH 20300：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-40.31	-13.00	-27.31	1.00 V	75	68.28	-108.59
2	209.45	-48.34	-13.00	-35.34	2.00 V	162	62.77	-111.11
3	285.11	-46.38	-13.00	-33.38	1.00 V	201	61.33	-107.71
4	481.05	-51.38	-13.00	-38.38	1.00 V	18	51.35	-102.73
5	625.58	-55.40	-13.00	-42.40	1.50 V	172	44.28	-99.68
6	905.91	-52.71	-13.00	-39.71	2.00 V	14	43.19	-95.90

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



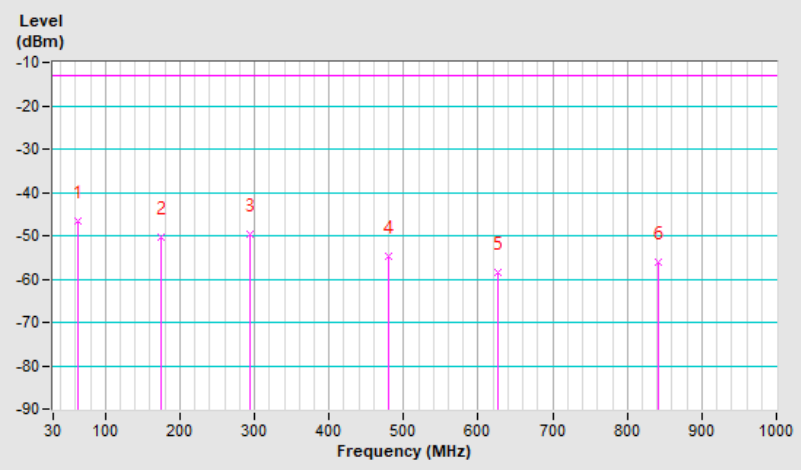
7.6.17 LTE Band 5

RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-46.47	-13.00	-33.47	2.00 H	67	64.35	-110.82
2	175.50	-50.33	-13.00	-37.33	1.00 H	73	60.72	-111.05
3	294.81	-49.72	-13.00	-36.72	1.50 H	19	59.90	-109.62
4	479.11	-54.84	-13.00	-41.84	1.00 H	292	50.09	-104.93
5	625.58	-58.36	-13.00	-45.36	1.00 H	197	43.47	-101.83
6	841.89	-56.18	-13.00	-43.18	2.00 H	299	42.20	-98.38

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.

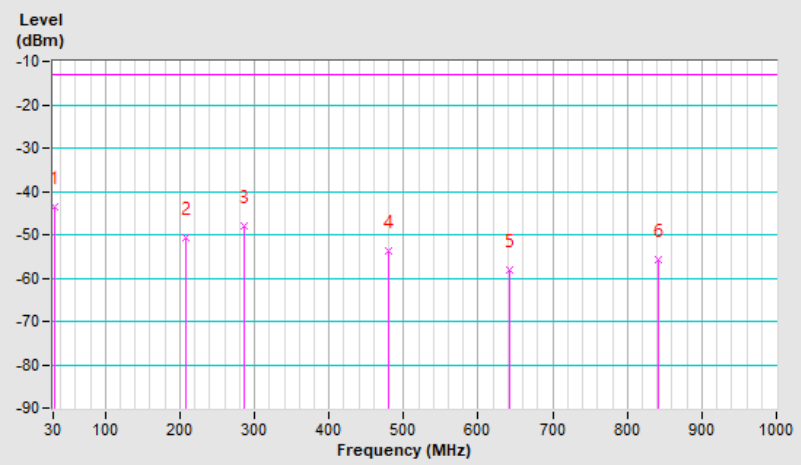


RF Mode	LTE Band 5 Channel Bandwidth: 10MHz	**Channel**	CH 20525：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.42	-13.00	-30.42	1.00 V	71	67.32	-110.74
2	207.51	-50.71	-13.00	-37.71	1.50 V	163	62.57	-113.28
3	286.08	-48.02	-13.00	-35.02	1.00 V	203	61.82	-109.84
4	480.08	-53.76	-13.00	-40.76	2.00 V	22	51.16	-104.92
5	643.04	-57.98	-13.00	-44.98	1.00 V	154	43.48	-101.46
6	840.92	-55.79	-13.00	-42.79	1.50 V	270	42.58	-98.37

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.



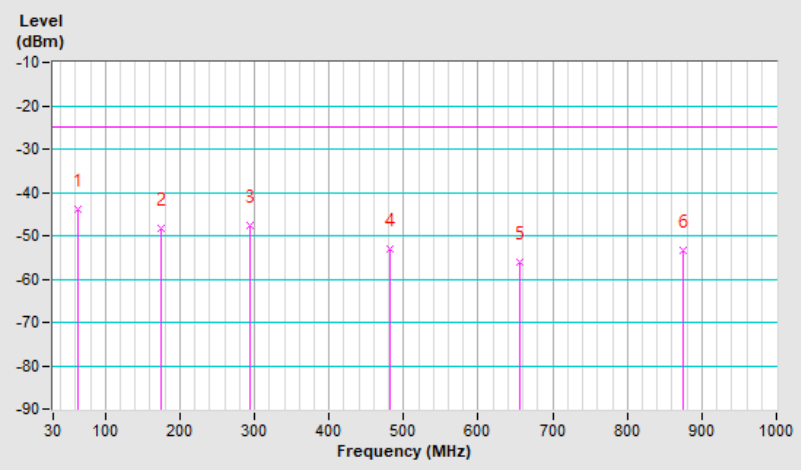
7.6.18 LTE Band 7

RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	-44.00	-25.00	-19.00	2.00 H	56	65.12	-109.12
2	175.50	-48.25	-25.00	-23.25	1.00 H	83	60.65	-108.90
3	294.81	-47.78	-25.00	-22.78	1.00 H	15	59.69	-107.47
4	481.05	-52.97	-25.00	-27.97	1.50 H	26	49.76	-102.73
5	656.62	-56.02	-25.00	-31.02	1.00 H	147	43.22	-99.24
6	874.87	-53.55	-25.00	-28.55	2.00 H	61	42.51	-96.06

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 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.

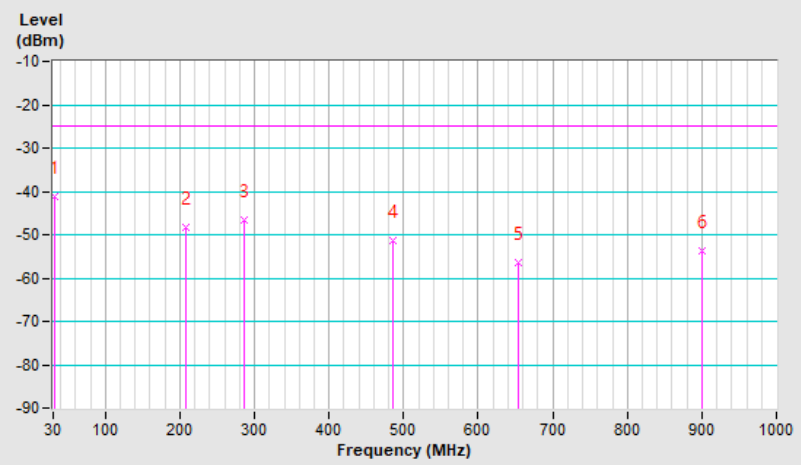


RF Mode	LTE Band 7 Channel Bandwidth: 20MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-41.28	-25.00	-16.28	1.00 V	74	67.31	-108.59
2	208.48	-48.27	-25.00	-23.27	1.50 V	160	62.85	-111.12
3	287.05	-46.52	-25.00	-21.52	2.00 V	195	61.14	-107.66
4	484.93	-51.44	-25.00	-26.44	1.00 V	18	51.19	-102.63
5	653.71	-56.61	-25.00	-31.61	1.50 V	252	42.65	-99.26
6	900.09	-53.64	-25.00	-28.64	1.00 V	87	42.41	-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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



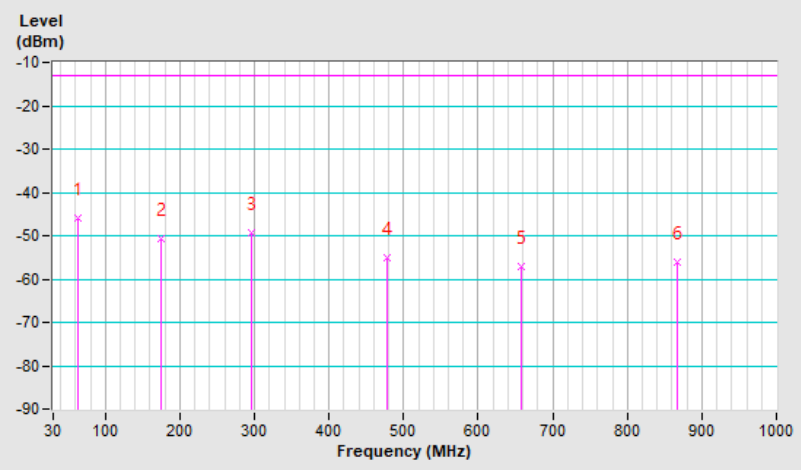
7.6.19 LTE Band 12

RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**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**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-45.98	-13.00	-32.98	2.00 H	71	64.84	-110.82
2	174.53	-50.69	-13.00	-37.69	1.00 H	83	60.26	-110.95
3	295.78	-49.43	-13.00	-36.43	1.00 H	21	60.17	-109.60
4	477.17	-55.01	-13.00	-42.01	1.50 H	19	49.95	-104.96
5	658.56	-57.11	-13.00	-44.11	2.00 H	183	44.27	-101.38
6	866.14	-56.06	-13.00	-43.06	1.50 H	2	42.27	-98.33

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.

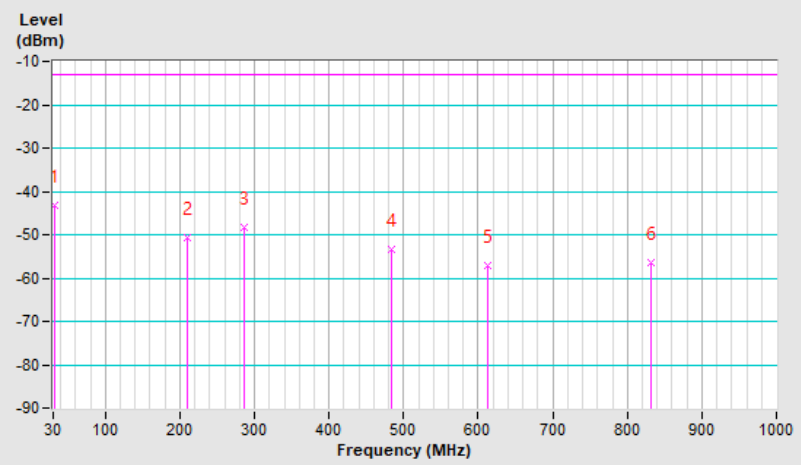


RF Mode	LTE Band 12 Channel Bandwidth: 10MHz	**Channel**	CH 23095：707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.14	-13.00	-30.14	1.00 V	80	67.60	-110.74
2	209.45	-50.79	-13.00	-37.79	1.50 V	166	62.47	-113.26
3	286.08	-48.43	-13.00	-35.43	1.00 V	193	61.41	-109.84
4	482.99	-53.43	-13.00	-40.43	2.00 V	23	51.40	-104.83
5	612.97	-57.17	-13.00	-44.17	1.00 V	155	45.00	-102.17
6	831.22	-56.40	-13.00	-43.40	1.50 V	241	41.92	-98.32

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.



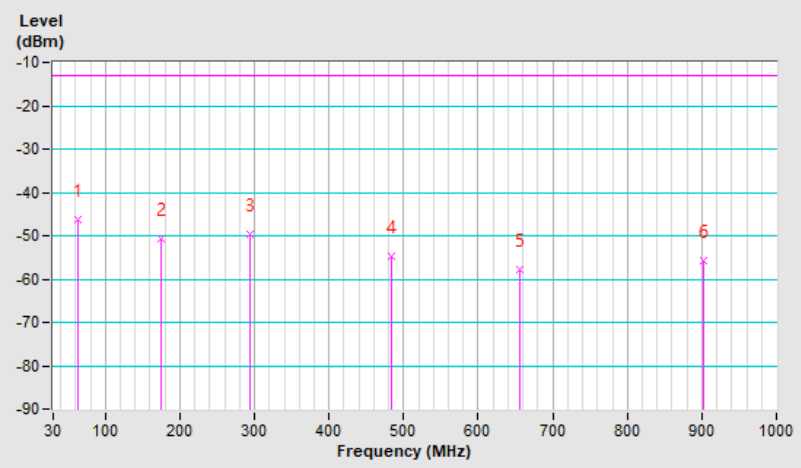
7.6.20 LTE Band 13

RF Mode	LTE Band 13 Channel Bandwidth: 10MHz	**Channel**	CH 23205：779.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-46.24	-13.00	-33.24	2.00 H	63	64.58	-110.82
2	174.53	-50.55	-13.00	-37.55	1.00 H	78	60.40	-110.95
3	293.84	-49.69	-13.00	-36.69	1.50 H	18	59.96	-109.65
4	483.96	-54.79	-13.00	-41.79	1.00 H	240	50.03	-104.82
5	655.65	-57.81	-13.00	-44.81	2.00 H	17	43.58	-101.39
6	902.03	-55.78	-13.00	-42.78	1.50 H	2	42.37	-98.15

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.

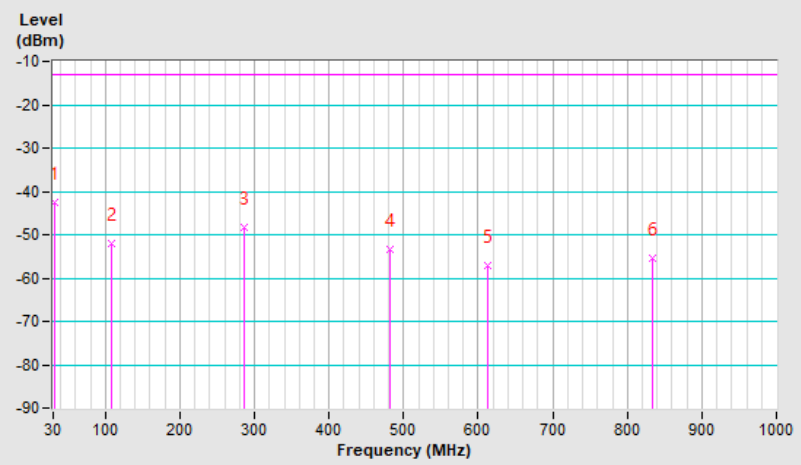


RF Mode	LTE Band 13 Channel Bandwidth: 10MHz	**Channel**	CH 23205：779.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-42.46	-13.00	-29.46	1.00 V	75	68.28	-110.74
2	108.57	-52.04	-13.00	-39.04	1.50 V	146	60.98	-113.02
3	287.05	-48.19	-13.00	-35.19	1.00 V	201	61.62	-109.81
4	481.05	-53.54	-13.00	-40.54	2.00 V	86	51.34	-104.88
5	612.97	-57.18	-13.00	-44.18	2.00 V	161	44.99	-102.17
6	834.13	-55.49	-13.00	-42.49	1.00 V	206	42.81	-98.30

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.



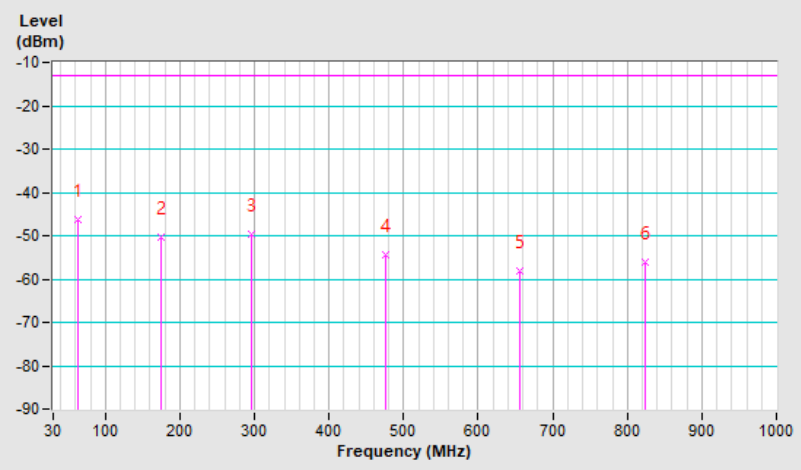
7.6.21 LTE Band 14

RF Mode	LTE Band 14 Channel Bandwidth: 10MHz	**Channel**	CH 23330：793 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-46.32	-13.00	-33.32	1.00 H	62	64.50	-110.82
2	174.53	-50.42	-13.00	-37.42	2.00 H	87	60.53	-110.95
3	295.78	-49.77	-13.00	-36.77	1.00 H	179	59.83	-109.60
4	476.20	-54.39	-13.00	-41.39	1.50 H	295	50.58	-104.97
5	656.62	-58.03	-13.00	-45.03	1.00 H	170	43.36	-101.39
6	824.43	-56.21	-13.00	-43.21	2.00 H	153	42.09	-98.30

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.

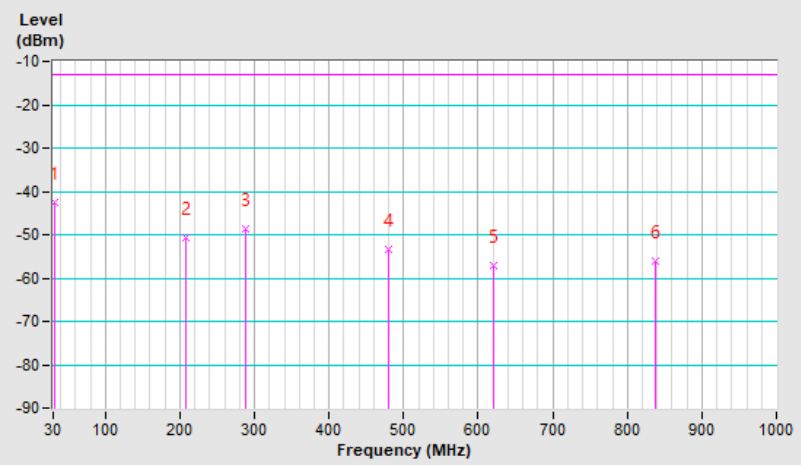


RF Mode	LTE Band 14 Channel Bandwidth: 10MHz	**Channel**	CH 23330：793 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-42.47	-13.00	-29.47	1.00 V	63	68.27	-110.74
2	207.51	-50.71	-13.00	-37.71	1.50 V	173	62.57	-113.28
3	288.02	-48.56	-13.00	-35.56	1.00 V	194	61.24	-109.80
4	479.11	-53.38	-13.00	-40.38	2.00 V	90	51.55	-104.93
5	620.73	-57.03	-13.00	-44.03	1.00 V	158	44.93	-101.96
6	838.01	-56.22	-13.00	-43.22	1.50 V	2	42.11	-98.33

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.



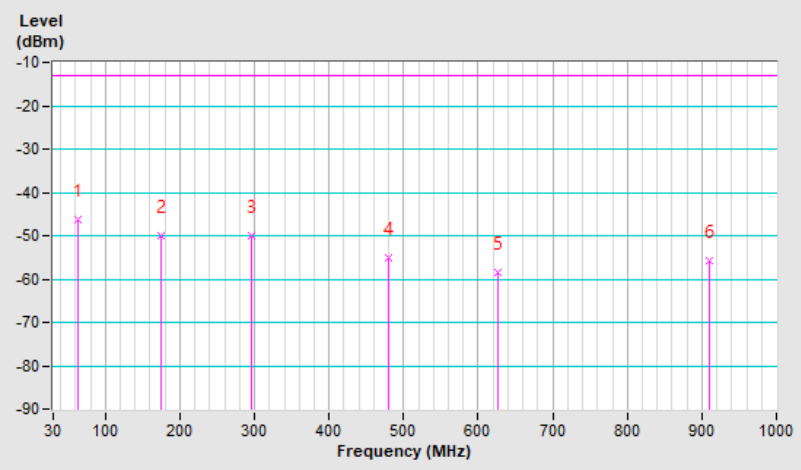
7.6.22 LTE Band 17

RF Mode	LTE Band 17 Channel Bandwidth: 10MHz	**Channel**	CH 23790：710 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	63.95	-46.20	-13.00	-33.20	2.00 H	62	65.07	-111.27
2	174.53	-49.99	-13.00	-36.99	1.00 H	86	60.96	-110.95
3	296.75	-50.03	-13.00	-37.03	2.00 H	181	59.53	-109.56
4	479.11	-55.18	-13.00	-42.18	1.00 H	29	49.75	-104.93
5	625.58	-58.48	-13.00	-45.48	1.50 H	2	43.35	-101.83
6	910.76	-55.79	-13.00	-42.79	1.50 H	104	42.23	-98.02

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.

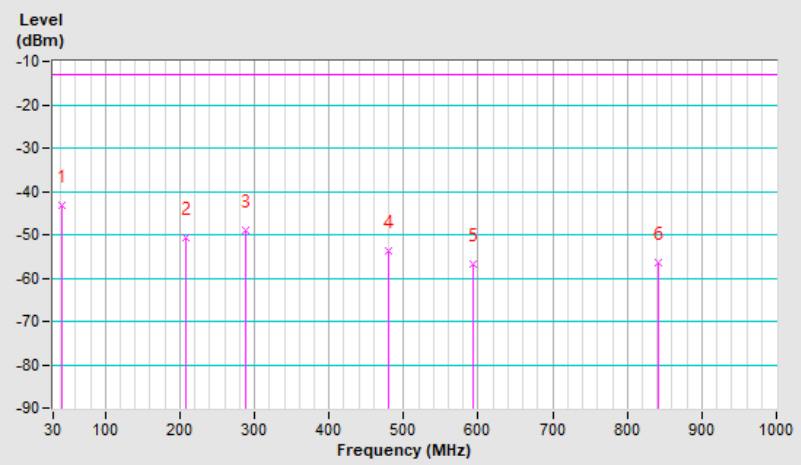


RF Mode	LTE Band 17 Channel Bandwidth: 10MHz	**Channel**	CH 23790：710 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	41.64	-43.10	-13.00	-30.10	1.00 V	108	66.89	-109.99
2	207.51	-50.70	-13.00	-37.70	1.50 V	161	62.58	-113.28
3	288.02	-48.94	-13.00	-35.94	1.00 V	201	60.86	-109.80
4	480.08	-53.74	-13.00	-40.74	1.00 V	89	51.18	-104.92
5	593.57	-56.84	-13.00	-43.84	1.50 V	161	45.82	-102.66
6	840.92	-56.33	-13.00	-43.33	1.50 V	48	42.04	-98.37

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.



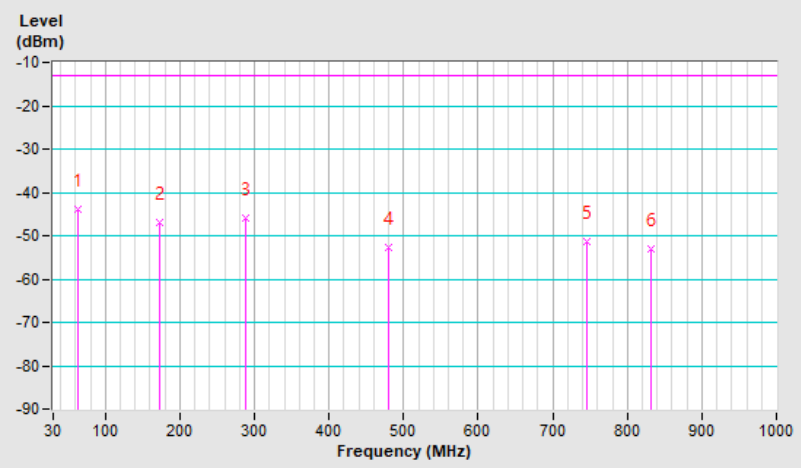
7.6.23 LTE Band 25

RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-44.03	-13.00	-31.03	2.00 H	73	64.64	-108.67
2	173.56	-46.97	-13.00	-33.97	1.00 H	83	61.75	-108.72
3	288.99	-45.85	-13.00	-32.85	2.00 H	173	61.78	-107.63
4	480.08	-52.82	-13.00	-39.82	1.50 H	29	49.95	-102.77
5	744.89	-51.51	-13.00	-38.51	1.00 H	134	45.25	-96.76
6	832.19	-53.04	-13.00	-40.04	1.50 H	224	43.13	-96.17

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

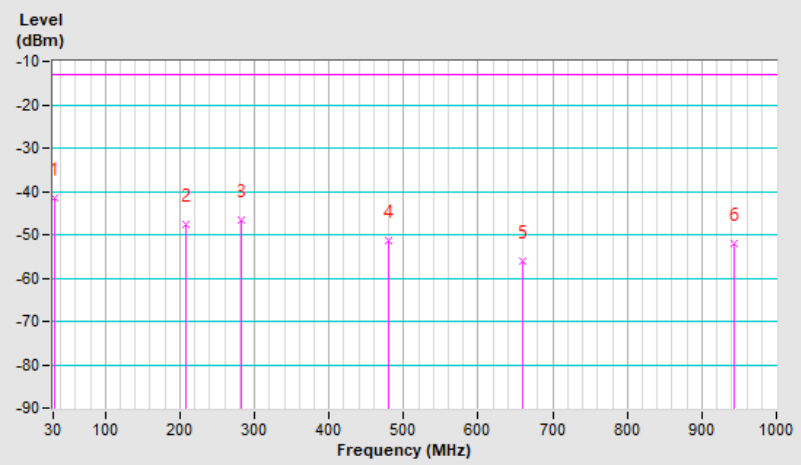


RF Mode	LTE Band 25 Channel Bandwidth: 20MHz	**Channel**	CH 26365：1882.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	32.91	-41.42	-13.00	-28.42	1.50 V	71	67.23	-108.65
2	208.48	-47.69	-13.00	-34.69	1.00 V	166	63.43	-111.12
3	282.20	-46.60	-13.00	-33.60	1.00 V	190	61.21	-107.81
4	479.11	-51.33	-13.00	-38.33	2.00 V	18	51.45	-102.78
5	660.50	-55.97	-13.00	-42.97	1.00 V	37	43.26	-99.23
6	942.77	-52.02	-13.00	-39.02	1.50 V	242	43.50	-95.52

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



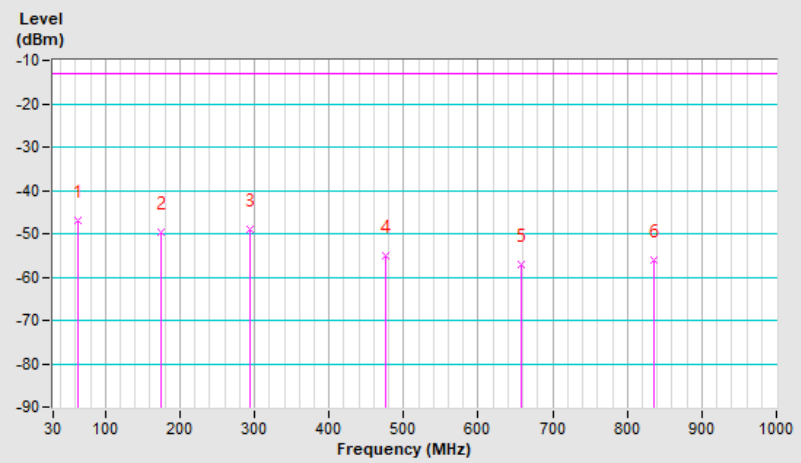
7.6.24 LTE Band 26 (814 MHz ~ 824 MHz)

RF Mode	LTE Band 26 (814 MHz ~ 824 MHz) 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**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-47.07	-13.00	-34.07	2.00 H	64	63.75	-110.82
2	174.53	-49.50	-13.00	-36.50	1.00 H	81	61.45	-110.95
3	293.84	-49.11	-13.00	-36.11	1.50 H	180	60.54	-109.65
4	476.20	-55.17	-13.00	-42.17	2.00 H	294	49.80	-104.97
5	658.56	-57.19	-13.00	-44.19	1.00 H	138	44.19	-101.38
6	835.10	-56.18	-13.00	-43.18	1.00 H	109	42.11	-98.29

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.

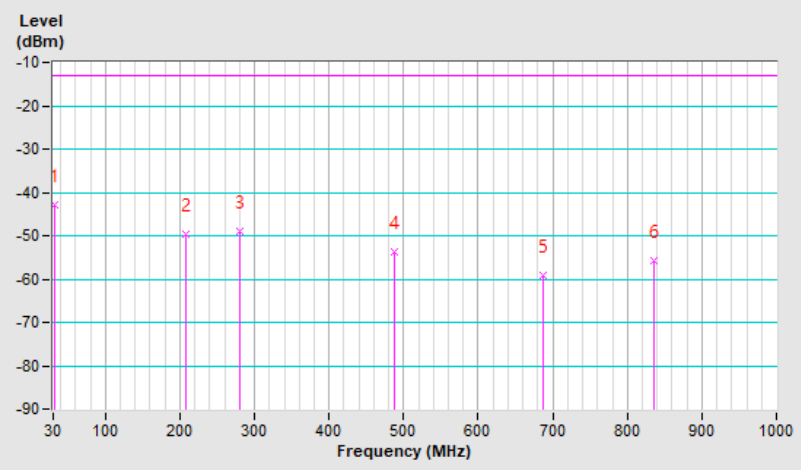


RF Mode	LTE Band 26 (814 MHz ~ 824 MHz) Channel Bandwidth: 10MHz	**Channel**	CH 26740：819 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-42.95	-13.00	-29.95	1.00 V	73	67.79	-110.74
2	208.48	-49.81	-13.00	-36.81	2.00 V	172	63.46	-113.27
3	281.23	-49.12	-13.00	-36.12	1.00 V	190	60.87	-109.99
4	486.87	-53.88	-13.00	-40.88	1.50 V	16	50.85	-104.73
5	687.66	-59.00	-13.00	-46.00	1.00 V	172	41.92	-100.92
6	836.07	-55.78	-13.00	-42.78	2.00 V	18	42.52	-98.30

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.



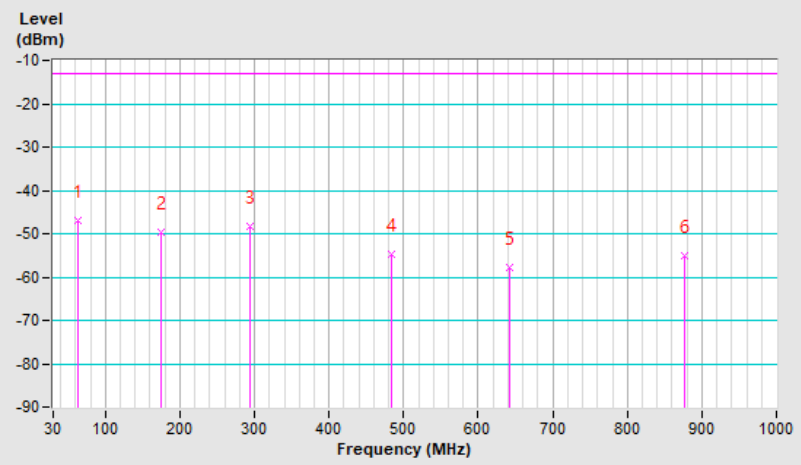
7.6.25 LTE Band 26 (824 MHz ~ 849 MHz)

RF Mode	LTE Band 26 (824 MHz ~ 849 MHz) Channel Bandwidth: 15MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-47.04	-13.00	-34.04	1.00 H	71	63.78	-110.82
2	174.53	-49.59	-13.00	-36.59	2.00 H	77	61.36	-110.95
3	293.84	-48.46	-13.00	-35.46	1.00 H	184	61.19	-109.65
4	482.99	-54.81	-13.00	-41.81	1.50 H	28	50.02	-104.83
5	643.04	-57.94	-13.00	-44.94	2.00 H	196	43.52	-101.46
6	876.81	-55.22	-13.00	-42.22	1.50 H	184	43.02	-98.24

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.

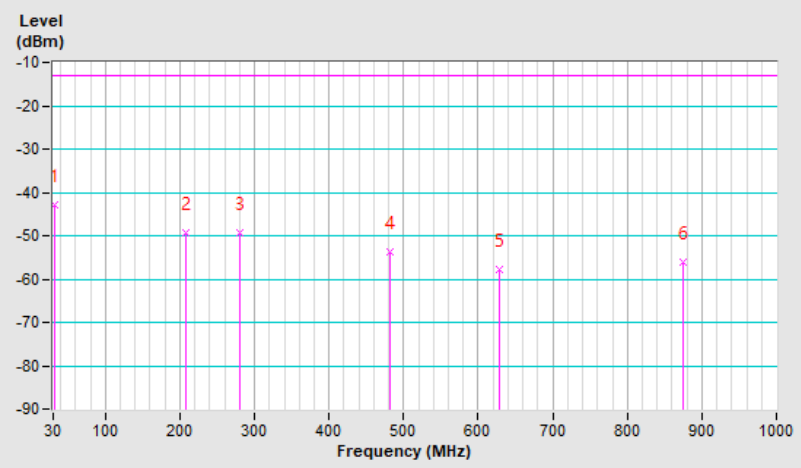


RF Mode	LTE Band 26 (824 MHz ~ 849 MHz) Channel Bandwidth: 15MHz	**Channel**	CH 26915：836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-42.77	-13.00	-29.77	1.00 V	77	67.97	-110.74
2	208.48	-49.29	-13.00	-36.29	2.00 V	163	63.98	-113.27
3	281.23	-49.25	-13.00	-36.25	1.00 V	196	60.74	-109.99
4	481.05	-53.58	-13.00	-40.58	1.50 V	21	51.30	-104.88
5	627.52	-57.63	-13.00	-44.63	1.00 V	170	44.16	-101.79
6	873.90	-56.14	-13.00	-43.14	2.00 V	206	42.07	-98.21

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.



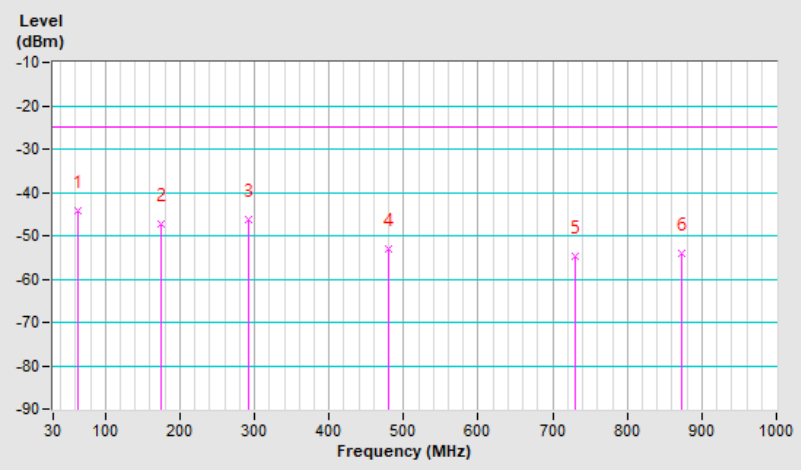
7.6.26 LTE Band 41

RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	**Channel**	CH 41490：2680 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	-44.16	-25.00	-19.16	2.00 H	67	64.96	-109.12
2	174.53	-47.28	-25.00	-22.28	1.00 H	82	61.52	-108.80
3	292.87	-46.42	-25.00	-21.42	1.50 H	184	61.11	-107.53
4	480.08	-52.91	-25.00	-27.91	1.00 H	21	49.86	-102.77
5	730.34	-54.91	-25.00	-29.91	2.00 H	226	42.62	-97.53
6	872.93	-54.18	-25.00	-29.18	1.50 H	2	41.89	-96.07

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 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.

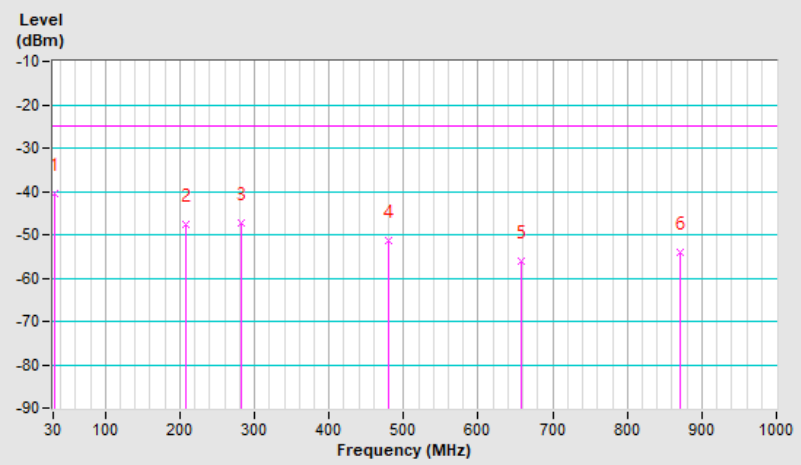


RF Mode	LTE Band 41 Channel Bandwidth: 20MHz	**Channel**	CH 41490：2680 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	**31.94**	**-40.46**	**-25.00**	**-15.46**	**1.00 V**	**78**	**68.13**	**-108.59**
2	208.48	-47.76	-25.00	-22.76	1.50 V	162	63.36	-111.12
3	282.20	-47.44	-25.00	-22.44	1.00 V	207	60.37	-107.81
4	479.11	-51.45	-25.00	-26.45	2.00 V	88	51.33	-102.78
5	657.59	-56.18	-25.00	-31.18	1.00 V	16	43.06	-99.24
6	870.02	-54.02	-25.00	-29.02	2.00 V	96	42.06	-96.08

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 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.



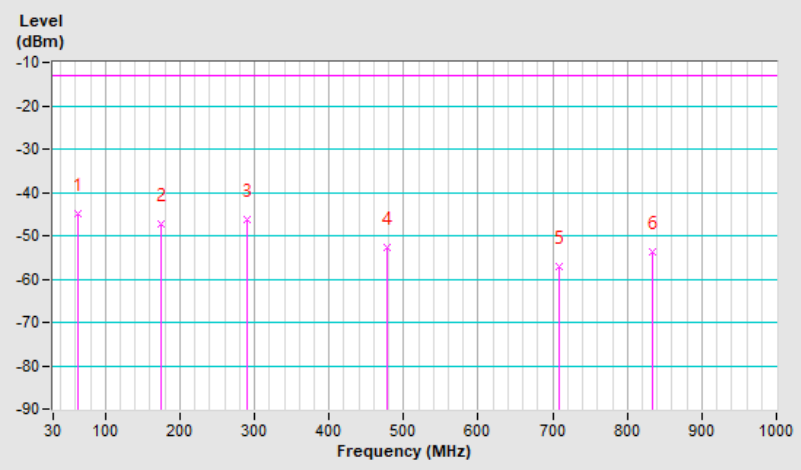
7.6.27 LTE Band 66

RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-44.83	-13.00	-31.83	2.00 H	70	63.84	-108.67
2	174.53	-47.20	-13.00	-34.20	1.00 H	75	61.60	-108.80
3	290.93	-46.41	-13.00	-33.41	1.50 H	176	61.17	-107.58
4	477.17	-52.85	-13.00	-39.85	1.00 H	298	49.96	-102.81
5	708.03	-57.09	-13.00	-44.09	2.00 H	107	41.25	-98.34
6	833.16	-53.62	-13.00	-40.62	1.00 H	132	42.54	-96.16

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

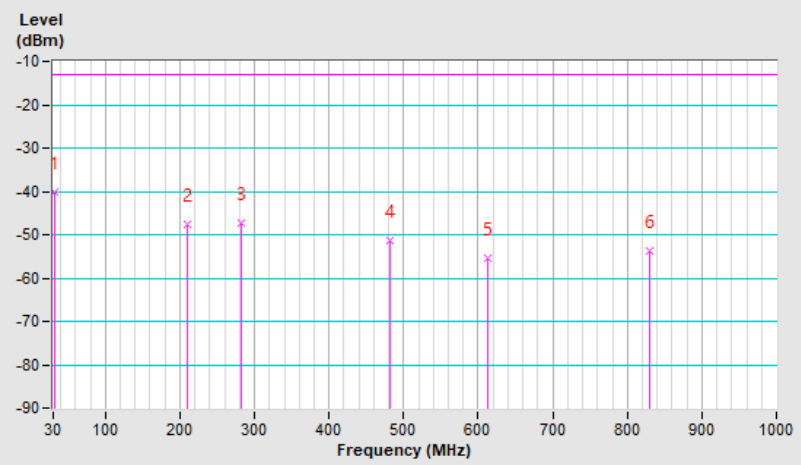


RF Mode	LTE Band 66 Channel Bandwidth: 20MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-40.29	-13.00	-27.29	1.50 V	68	68.30	-108.59
2	210.42	-47.74	-13.00	-34.74	1.00 V	164	63.37	-111.11
3	282.20	-47.14	-13.00	-34.14	2.00 V	196	60.67	-107.81
4	482.02	-51.25	-13.00	-38.25	1.00 V	18	51.47	-102.72
5	612.97	-55.56	-13.00	-42.56	2.00 V	161	44.46	-100.02
6	829.28	-53.86	-13.00	-40.86	1.50 V	158	42.31	-96.17

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



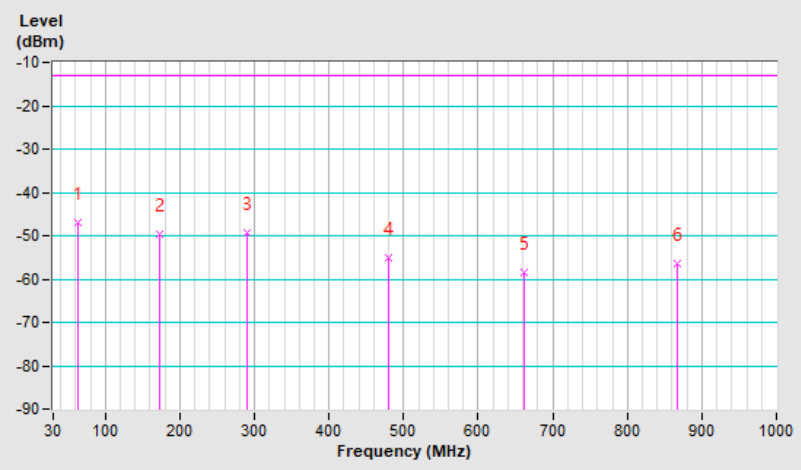
7.6.28 LTE Band 71

RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	62.98	-47.07	-13.00	-34.07	2.00 H	56	63.75	-110.82
2	173.56	-49.64	-13.00	-36.64	1.00 H	79	61.23	-110.87
3	289.96	-49.23	-13.00	-36.23	1.50 H	184	60.52	-109.75
4	480.08	-55.18	-13.00	-42.18	1.00 H	291	49.74	-104.92
5	661.47	-58.52	-13.00	-45.52	2.00 H	14	42.84	-101.36
6	867.11	-56.30	-13.00	-43.30	1.50 H	316	42.00	-98.30

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.

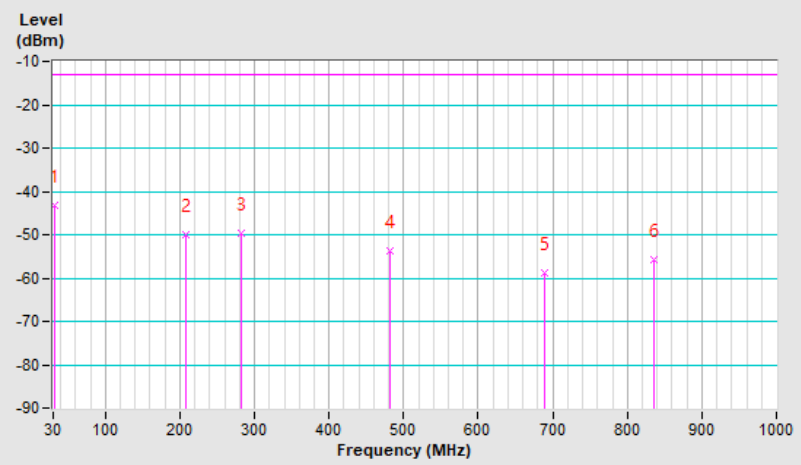


RF Mode	LTE Band 71 Channel Bandwidth: 20MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21 °C, 65 % RH
Tested By	vincent chen		

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	31.94	-43.29	-13.00	-30.29	1.00 V	81	67.45	-110.74
2	208.48	-49.89	-13.00	-36.89	1.50 V	173	63.38	-113.27
3	283.17	-49.76	-13.00	-36.76	1.00 V	189	60.16	-109.92
4	481.05	-53.84	-13.00	-40.84	2.00 V	86	51.04	-104.88
5	689.60	-58.85	-13.00	-45.85	1.00 V	169	42.06	-100.91
6	836.07	-55.74	-13.00	-42.74	1.50 V	224	42.56	-98.30

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

With shielding case

7.7.1 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**	23 °C, 68 % RH
Tested By	Vincent Chen		

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	-52.47	-13.00	-39.47	1.56 H	265	40.80	-93.27
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	-51.47	-13.00	-38.47	2.42 V	91	41.80	-93.27

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.16	-13.00	-39.16	1.51 H	257	40.90	-93.06
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	3760.00	-51.36	-13.00	-38.36	2.51 V	96	41.70	-93.06

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: 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.17	-13.00	-39.17	1.65 H	243	40.80	-92.97
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	-51.17	-13.00	-38.17	2.57 V	88	41.80	-92.97

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.76	-13.00	-39.76	1.68 H	237	40.50	-93.26
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	-51.66	-13.00	-38.66	2.61 V	87	41.60	-93.26

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.16	-13.00	-39.16	1.42 H	238	40.90	-93.06
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	3760.00	-51.56	-13.00	-38.56	2.78 V	86	41.50	-93.06

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 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.18	-13.00	-39.18	1.59 H	241	40.80	-92.98
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	-51.18	-13.00	-38.18	2.34 V	95	41.80	-92.98

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.20	-13.00	-39.20	1.52 H	238	41.00	-93.20
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	-51.30	-13.00	-38.30	2.75 V	79	41.90	-93.20

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-51.76	-13.00	-38.76	1.53 H	245	41.30	-93.06
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	3760.00	-50.86	-13.00	-37.86	2.63 V	93	42.20	-93.06

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: 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.23	-13.00	-39.23	1.48 H	235	40.80	-93.03
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	3800.00	-51.23	-13.00	-38.23	2.57 V	98	41.80	-93.03

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.

7.7.2 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-51.03	-13.00	-38.03	1.35 H	142	43.10	-94.13
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	-46.57	-13.00	-33.57	2.34 V	274	47.56	-94.13

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-50.87	-13.00	-37.87	1.35 H	127	42.89	-93.76
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	-46.51	-13.00	-33.51	2.34 V	274	47.25	-93.76

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.

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-50.26	-13.00	-37.26	1.42 H	136	43.13	-93.39
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	-46.04	-13.00	-33.04	2.34 V	276	47.35	-93.39

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-51.13	-13.00	-38.13	1.42 H	153	42.97	-94.10
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	-46.86	-13.00	-33.86	2.41 V	276	47.24	-94.10

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-50.98	-13.00	-37.98	1.42 H	138	42.78	-93.76
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	-46.14	-13.00	-33.14	2.35 V	274	47.62	-93.76

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.

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-50.56	-13.00	-37.56	1.42 H	131	42.83	-93.39
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	-45.98	-13.00	-32.98	2.58 V	281	47.41	-93.39

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-50.82	-13.00	-37.82	1.48 H	130	43.17	-93.99
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	-46.70	-13.00	-33.70	2.35 V	274	47.29	-93.99

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-50.50	-13.00	-37.50	1.32 H	153	43.26	-93.76
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	-45.93	-13.00	-32.93	2.46 V	276	47.83	-93.76

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.

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-50.33	-13.00	-37.33	1.49 H	132	43.18	-93.51
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	-45.83	-13.00	-32.83	2.31 V	276	47.68	-93.51

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 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-58.05	-13.00	-45.05	1.53 H	247	43.56	-101.61
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	-56.72	-13.00	-43.72	2.15 V	248	44.89	-101.61

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.94	-13.00	-44.94	1.09 H	157	43.67	-101.61
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	-56.68	-13.00	-43.68	1.09 V	157	44.93	-101.61

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.90	-13.00	-44.90	1.14 H	153	43.72	-101.62
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	-57.05	-13.00	-44.05	2.13 V	247	44.57	-101.62

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.85	-13.00	-44.85	1.05 H	148	43.76	-101.61
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	-56.86	-13.00	-43.86	2.31 V	257	44.75	-101.61

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.85	-13.00	-44.85	1.18 H	153	43.76	-101.61
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	-56.93	-13.00	-43.93	2.16 V	247	44.68	-101.61

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.90	-13.00	-44.90	1.03 H	168	43.71	-101.61
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	-56.92	-13.00	-43.92	2.15 V	278	44.69	-101.61

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.84	-13.00	-44.84	1.18 H	159	43.77	-101.61
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	-56.99	-13.00	-43.99	2.14 V	243	44.62	-101.61

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.13	-13.00	-44.13	1.08 H	173	44.48	-101.61
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	-56.54	-13.00	-43.54	2.28 V	273	45.07	-101.61

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.75	-13.00	-44.75	1.25 H	159	43.85	-101.60
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	-57.02	-13.00	-44.02	2.31 V	247	44.58	-101.60

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 7

RF Mode	LTE Band 7 Channel Bandwidth: 5MHz	**Channel**	CH 20775：2502.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5005.00	-35.77	-25.00	-10.77	2.14 H	63	54.73	-90.50
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	5005.00	-43.61	-25.00	-18.61	2.42 V	59	46.89	-90.50

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.

RF Mode	LTE Band 7 Channel Bandwidth: 5MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5070.00	-35.17	-25.00	-10.17	2.13 H	65	54.82	-89.99
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	5070.00	-33.25	-25.00	-8.25	2.34 V	43	56.74	-89.99

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 7 Channel Bandwidth: 5MHz	**Channel**	CH 21425：2567.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5135.00	-35.20	-25.00	-10.20	2.13 H	65	54.62	-89.82
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	5135.00	-33.00	-25.00	-8.00	2.41 V	39	56.82	-89.82

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 7 Channel Bandwidth: 20MHz	**Channel**	CH 20850：2510 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5020.00	-35.79	-25.00	-10.79	2.04 H	45	54.58	-90.37
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	5020.00	-33.63	-25.00	-8.63	2.41 V	42	56.74	-90.37

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 7 Channel Bandwidth: 20MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5070.00	-34.77	-25.00	-9.77	2.13 H	61	55.22	-89.99
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	**5070.00**	**-32.52**	**-25.00**	**-7.52**	**2.43 V**	**46**	**57.47**	**-89.99**

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 7 Channel Bandwidth: 20MHz	**Channel**	CH 21350：2560 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5120.00	-35.02	-25.00	-10.02	2.25 H	78	54.79	-89.81
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	5120.00	-32.60	-25.00	-7.60	2.65 V	58	57.21	-89.81

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 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.89	-13.00	-39.89	1.25 H	65	47.93	-100.82
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	1399.40	-50.96	-13.00	-37.96	2.14 V	298	49.86	-100.82

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: 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-53.17	-13.00	-40.17	1.25 H	67	47.76	-100.93
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	-51.18	-13.00	-38.18	2.17 V	325	49.75	-100.93

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-53.22	-13.00	-40.22	1.24 H	78	47.82	-101.04
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	-51.33	-13.00	-38.33	2.24 V	315	49.71	-101.04

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.

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-53.21	-13.00	-40.21	1.24 H	88	47.63	-100.84
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	1403.00	-51.02	-13.00	-38.02	2.16 V	324	49.82	-100.84

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: 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-53.21	-13.00	-40.21	1.24 H	72	47.72	-100.93
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	-51.20	-13.00	-38.20	2.17 V	287	49.73	-100.93

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-53.00	-13.00	-40.00	1.07 H	81	48.02	-101.02
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	-51.13	-13.00	-38.13	2.08 V	314	49.89	-101.02

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.78	-13.00	-39.78	1.28 H	96	48.10	-100.88
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	-50.67	-13.00	-37.67	2.25 V	308	50.21	-100.88

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.34	-13.00	-39.34	1.23 H	79	48.59	-100.93
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	-50.49	-13.00	-37.49	2.13 V	298	50.44	-100.93

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-52.62	-13.00	-39.62	1.28 H	59	48.37	-100.99
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	-50.70	-13.00	-37.70	2.18 V	315	50.29	-100.99

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.

7.7.6 LTE Band 13

RF Mode	LTE Band 13 Channel Bandwidth: 5MHz	**Channel**	CH 23205：779.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1559.00	-57.56	-40.00	-17.56	1.31 H	92	41.83	-99.39
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	1559.00	-56.42	-40.00	-16.42	1.67 V	63	42.97	-99.39

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 13 Channel Bandwidth: 5MHz	**Channel**	CH 23230：782 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1564.00	-57.22	-40.00	-17.22	1.36 H	92	42.19	-99.41
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	1564.00	-56.20	-40.00	-16.20	1.69 V	58	43.21	-99.41

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 13 Channel Bandwidth: 5MHz	**Channel**	CH 23255：784.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1569.00	-57.03	-40.00	-17.03	1.30 H	94	42.41	-99.44
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	1569.00	-55.91	-40.00	-15.91	1.78 V	69	43.53	-99.44

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 13 Channel Bandwidth: 10MHz	**Channel**	CH 23230：782 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1564.00	-56.84	-40.00	-16.84	1.36 H	78	42.57	-99.41
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	1564.00	-55.73	-40.00	-15.73	1.72 V	65	43.68	-99.41

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.

7.7.7 LTE Band 14

RF Mode	LTE Band 14 Channel Bandwidth: 5MHz	**Channel**	CH 23305：790.5 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, 66 % RH
Tested By	vincent chen		

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	1581.00	-56.21	-40.00	-16.21	2.16 H	93	43.27	-99.48
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	1581.00	-54.86	-40.00	-14.86	2.57 V	72	44.62	-99.48

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 14 Channel Bandwidth: 5MHz	**Channel**	CH 23330：793 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, 66 % RH
Tested By	vincent chen		

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	1586.00	-56.23	-40.00	-16.23	1.98 H	74	43.28	-99.51
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	1586.00	-54.94	-40.00	-14.94	2.51 V	69	44.57	-99.51

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 14 Channel Bandwidth: 5MHz	**Channel**	CH 23355：795.5 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, 66 % RH
Tested By	vincent chen		

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	1591.00	-56.36	-40.00	-16.36	2.04 H	95	43.17	-99.53
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	1591.00	-54.96	-40.00	-14.96	2.34 V	71	44.57	-99.53

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 14 Channel Bandwidth: 10MHz	**Channel**	CH 23330：793 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, 66 % RH
Tested By	vincent chen		

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	1586.00	-55.84	-40.00	-15.84	2.07 H	93	43.67	-99.51
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	1586.00	-54.68	-40.00	-14.68	2.43 V	72	44.83	-99.51

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.

7.7.8 LTE Band 17

RF Mode	LTE Band 17 Channel Bandwidth: 5MHz	**Channel**	CH 23755：706.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1413.00	-53.09	-13.00	-40.09	1.83 H	64	47.83	-100.92
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	1413.00	-49.68	-13.00	-36.68	2.74 V	269	51.24	-100.92

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 17 Channel Bandwidth: 5MHz	**Channel**	CH 23790：710 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1420.00	-53.27	-13.00	-40.27	1.82 H	78	47.69	-100.96
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	1420.00	-49.61	-13.00	-36.61	2.73 V	296	51.35	-100.96

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 17 Channel Bandwidth: 5MHz	**Channel**	CH 23825：713.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	-53.30	-13.00	-40.30	1.81 H	64	47.72	-101.02
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	-49.55	-13.00	-36.55	2.98 V	278	51.47	-101.02

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 17 Channel Bandwidth: 10MHz	**Channel**	CH 23780：709 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1418.00	-53.23	-13.00	-40.23	1.95 H	81	47.72	-100.95
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	1418.00	-49.38	-13.00	-36.38	2.82 V	287	51.57	-100.95

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.

RF Mode	LTE Band 17 Channel Bandwidth: 10MHz	**Channel**	CH 23790：710 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1420.00	-52.83	-13.00	-39.83	1.83 H	67	48.13	-100.96
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	1420.00	-49.26	-13.00	-36.26	2.92 V	286	51.70	-100.96

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 17 Channel Bandwidth: 10MHz	**Channel**	CH 23800：711 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	-53.13	-13.00	-40.13	1.83 H	62	47.86	-100.99
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	-49.65	-13.00	-36.65	2.87 V	296	51.34	-100.99

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.

7.7.9 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.40	-13.00	-36.40	1.75 H	158	43.87	-93.27
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	-48.51	-13.00	-35.51	1.06 V	217	44.76	-93.27

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.24	-13.00	-36.24	3.58 H	157	43.82	-93.06
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	3765.00	-48.13	-13.00	-35.13	1.25 V	17	44.93	-93.06

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: 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.19	-13.00	-36.19	2.14 H	241	43.74	-92.93
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	-48.05	-13.00	-35.05	1.83 V	258	44.88	-92.93

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.

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.55	-13.00	-36.55	1.25 H	248	43.71	-93.26
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	-48.34	-13.00	-35.34	1.65 V	128	44.92	-93.26

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.41	-13.00	-36.41	2.64 H	158	43.65	-93.06
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	3765.00	-48.31	-13.00	-35.31	2.08 V	341	44.75	-93.06

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 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.18	-13.00	-36.18	3.74 H	17	43.77	-92.95
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	3825.00	-48.08	-13.00	-35.08	1.51 V	265	44.87	-92.95

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	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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.62	-13.00	-36.62	2.31 H	325	43.58	-93.20
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	-48.59	-13.00	-35.59	1.42 V	210	44.61	-93.20

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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-48.88	-13.00	-35.88	3.14 H	145	44.18	-93.06
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	3765.00	-47.79	-13.00	-34.79	1.34 V	125	45.27	-93.06

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: 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.03	-13.00	-36.03	2.78 H	279	43.97	-93.00
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	3810.00	-48.11	-13.00	-35.11	1.72 V	241	44.89	-93.00

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.

7.7.10 LTE Band 26 (814 MHz ~ 824 MHz)

RF Mode	LTE Band 26 (814 MHz ~ 824 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.50	-13.00	-44.50	1.74 H	59	44.15	-101.65
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	-56.68	-13.00	-43.68	1.57 V	214	44.97	-101.65

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 (814 MHz ~ 824 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.66	-13.00	-44.66	2.04 H	57	43.98	-101.64
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	-56.77	-13.00	-43.77	1.52 V	227	44.87	-101.64

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 (814 MHz ~ 824 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.55	-13.00	-44.55	1.83 H	69	44.06	-101.61
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	-56.88	-13.00	-43.88	1.57 V	221	44.73	-101.61

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 (814 MHz ~ 824 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.69	-13.00	-44.69	1.82 H	38	43.97	-101.66
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	-56.74	-13.00	-43.74	1.42 V	218	44.92	-101.66

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 (814 MHz ~ 824 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.63	-13.00	-44.63	1.75 H	56	44.01	-101.64
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	-56.86	-13.00	-43.86	1.52 V	223	44.78	-101.64

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 (814 MHz ~ 824 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.51	-13.00	-44.51	1.98 H	73	44.12	-101.63
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	-56.67	-13.00	-43.67	1.52 V	227	44.96	-101.63

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 (814 MHz ~ 824 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.32	-13.00	-44.32	1.72 H	27	44.32	-101.64
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	-56.54	-13.00	-43.54	1.57 V	218	45.10	-101.64

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.

7.7.11 LTE Band 26 (824 MHz ~ 849 MHz)

RF Mode	LTE Band 26 (824 MHz ~ 849 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.42	-13.00	-44.42	1.98 H	89	44.19	-101.61
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	-56.19	-13.00	-43.19	1.58 V	275	45.42	-101.61

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 (824 MHz ~ 849 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.44	-13.00	-44.44	2.42 H	159	44.17	-101.61
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	-56.35	-13.00	-43.35	1.38 V	125	45.26	-101.61

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 (824 MHz ~ 849 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.48	-13.00	-44.48	1.93 H	158	44.14	-101.62
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	-56.35	-13.00	-43.35	1.88 V	317	45.27	-101.62

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 (824 MHz ~ 849 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.55	-13.00	-44.55	1.35 H	78	44.06	-101.61
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	-56.33	-13.00	-43.33	1.05 V	156	45.28	-101.61

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 (824 MHz ~ 849 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.56	-13.00	-44.56	2.34 H	128	44.05	-101.61
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	-56.45	-13.00	-43.45	3.15 V	241	45.16	-101.61

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 (824 MHz ~ 849 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.59	-13.00	-44.59	1.65 H	289	44.02	-101.61
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	-56.38	-13.00	-43.38	2.58 V	198	45.23	-101.61

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 (824 MHz ~ 849 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.43	-13.00	-44.43	1.25 H	218	44.18	-101.61
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	-56.27	-13.00	-43.27	2.15 V	43	45.34	-101.61

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 (824 MHz ~ 849 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.04	-13.00	-44.04	1.76 H	189	44.57	-101.61
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	-55.88	-13.00	-42.88	1.28 V	314	45.73	-101.61

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 (824 MHz ~ 849 MHz) 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**	23 °C, 68 % RH
Tested By	vincent chen		

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	-57.37	-13.00	-44.37	2.73 H	148	44.24	-101.61
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	-56.14	-13.00	-43.14	2.56 V	35	45.47	-101.61

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.

7.7.12 LTE Band 41

RF Mode	LTE Band 41 Channel Bandwidth: 5MHz	**Channel**	CH 39675：2498.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	4997.00	-39.21	-25.00	-14.21	2.78 H	186	51.34	-90.55
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	4997.00	-37.41	-25.00	-12.41	1.65 V	173	53.14	-90.55

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 41 Channel Bandwidth: 5MHz	**Channel**	CH 40620：2593 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5186.00	-38.79	-25.00	-13.79	3.54 H	234	51.32	-90.11
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	5186.00	-36.87	-25.00	-11.87	1.24 V	156	53.24	-90.11

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 41 Channel Bandwidth: 5MHz	**Channel**	CH 41565：2687.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5375.00	-39.23	-25.00	-14.23	3.32 H	65	51.28	-90.51
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	5375.00	-37.10	-25.00	-12.10	1.35 V	189	53.41	-90.51

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 41 Channel Bandwidth: 20MHz	**Channel**	CH 39750：2506 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5012.00	-39.03	-25.00	-14.03	2.51 H	19	51.41	-90.44
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	5012.00	-37.30	-25.00	-12.30	1.05 V	268	53.14	-90.44

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 41 Channel Bandwidth: 20MHz	**Channel**	CH 40620：2593 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5186.00	-38.37	-25.00	-13.37	2.15 H	16	51.74	-90.11
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	5186.00	-36.39	-25.00	-11.39	1.65 V	278	53.72	-90.11

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 41 Channel Bandwidth: 20MHz	**Channel**	CH 41490：2680 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	5360.00	-39.26	-25.00	-14.26	3.54 H	73	51.26	-90.52
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	**5360.00**	**-31.96**	**-25.00**	**-6.96**	**2.14 V**	**16**	**58.56**	**-90.52**

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.

7.7.13 LTE Band 66

RF Mode	LTE Band 66 Channel Bandwidth: 1.4MHz	**Channel**	CH 131979：1710.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	-50.00	-13.00	-37.00	3.41 H	57	44.13	-94.13
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	-46.87	-13.00	-33.87	1.65 V	297	47.26	-94.13

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 66 Channel Bandwidth: 1.4MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.39	-13.00	-36.39	2.34 H	18	44.12	-93.51
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	-46.28	-13.00	-33.28	1.46 V	128	47.23	-93.51

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 66 Channel Bandwidth: 1.4MHz	**Channel**	CH 132665：1779.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	3558.60	-49.19	-13.00	-36.19	3.64 H	15	44.12	-93.31
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	3558.60	-45.96	-13.00	-32.96	1.28 V	165	47.35	-93.31

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 66 Channel Bandwidth: 5MHz	**Channel**	CH 131997：1712.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.97	-13.00	-36.97	2.15 H	224	44.13	-94.10
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	-46.78	-13.00	-33.78	1.25 V	39	47.32	-94.10

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 66 Channel Bandwidth: 5MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.43	-13.00	-36.43	2.13 H	243	44.08	-93.51
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	-46.28	-13.00	-33.28	1.42 V	325	47.23	-93.51

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 66 Channel Bandwidth: 5MHz	**Channel**	CH 132647：1777.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	3555.00	-49.08	-13.00	-36.08	1.86 H	87	44.23	-93.31
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	3555.00	-46.06	-13.00	-33.06	1.97 V	135	47.25	-93.31

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 66 Channel Bandwidth: 20MHz	**Channel**	CH 132072：1720 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	-49.65	-13.00	-36.65	1.34 H	16	44.34	-93.99
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	-46.79	-13.00	-33.79	1.62 V	317	47.20	-93.99

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 66 Channel Bandwidth: 20MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	-48.82	-13.00	-35.82	2.10 H	276	44.69	-93.51
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	-45.74	-13.00	-32.74	3.65 V	78	47.77	-93.51

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 66 Channel Bandwidth: 20MHz	**Channel**	CH 132572：1770 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	3540.00	-49.10	-13.00	-36.10	1.97 H	65	44.23	-93.33
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	3540.00	-45.98	-13.00	-32.98	2.14 V	293	47.35	-93.33

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.

7.7.14 LTE Band 71

RF Mode	LTE Band 71 Channel Bandwidth: 5MHz	**Channel**	CH 133147：665.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1331.00	-58.41	-13.00	-45.41	2.46 H	298	42.65	-101.06
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	1331.00	-55.72	-13.00	-42.72	1.32 V	128	45.34	-101.06

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 71 Channel Bandwidth: 5MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1361.00	-58.29	-13.00	-45.29	3.56 H	217	42.72	-101.01
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	1361.00	-55.67	-13.00	-42.67	1.58 V	296	45.34	-101.01

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 71 Channel Bandwidth: 5MHz	**Channel**	CH 133447：695.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1391.00	-58.24	-13.00	-45.24	1.26 H	287	42.62	-100.86
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	1391.00	-56.04	-13.00	-43.04	3.24 V	278	44.82	-100.86

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 71 Channel Bandwidth: 20MHz	**Channel**	CH 133222：673 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1346.00	-58.38	-13.00	-45.38	3.41 H	125	42.69	-101.07
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	1346.00	-55.72	-13.00	-42.72	1.35 V	127	45.35	-101.07

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 71 Channel Bandwidth: 20MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1361.00	-57.84	-13.00	-44.84	1.86 H	16	43.17	-101.01
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	1361.00	-55.08	-13.00	-42.08	2.13 V	245	45.93	-101.01

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 71 Channel Bandwidth: 20MHz	**Channel**	CH 133372：688 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 68 % RH
Tested By	vincent chen		

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	1376.00	-58.27	-13.00	-45.27	2.64 H	238	42.67	-100.94
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	1376.00	-55.52	-13.00	-42.52	1.53 V	4	45.42	-100.94

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.

Without shielding case

7.7.15 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.35	-13.00	-39.35	1.58 H	276	40.92	-93.27
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	-51.32	-13.00	-38.32	2.34 V	87	41.95	-93.27

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.11	-13.00	-39.11	1.68 H	253	40.95	-93.06
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	3760.00	-51.17	-13.00	-38.17	2.41 V	86	41.89	-93.06

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: 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.11	-13.00	-39.11	1.53 H	238	40.86	-92.97
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	-51.14	-13.00	-38.14	2.34 V	78	41.83	-92.97

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.68	-13.00	-39.68	1.76 H	245	40.58	-93.26
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	-51.58	-13.00	-38.58	2.54 V	79	41.68	-93.26

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.10	-13.00	-39.10	1.58 H	247	40.96	-93.06
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	3760.00	-51.47	-13.00	-38.47	2.65 V	72	41.59	-93.06

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 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.01	-13.00	-39.01	1.53 H	246	40.97	-92.98
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	-51.12	-13.00	-38.12	2.46 V	88	41.86	-92.98

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.12	-13.00	-39.12	1.65 H	246	41.08	-93.20
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	-51.25	-13.00	-38.25	2.64 V	74	41.95	-93.20

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-51.68	-13.00	-38.68	1.68 H	256	41.38	-93.06
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	3760.00	-50.80	-13.00	-37.80	2.45 V	87	42.26	-93.06

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: 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.14	-13.00	-39.14	1.58 H	246	40.89	-93.03
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	3800.00	-51.20	-13.00	-38.20	2.43 V	78	41.83	-93.03

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.

7.7.16 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-50.87	-13.00	-37.87	1.53 H	157	43.26	-94.13
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	-46.45	-13.00	-33.45	2.14 V	265	47.68	-94.13

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-50.80	-13.00	-37.80	1.46 H	138	42.96	-93.76
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	-46.41	-13.00	-33.41	2.38 V	267	47.35	-93.76

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.

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-50.14	-13.00	-37.14	1.48 H	146	43.25	-93.39
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	-45.94	-13.00	-32.94	2.14 V	264	47.45	-93.39

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-51.05	-13.00	-38.05	1.56 H	165	43.05	-94.10
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	-46.79	-13.00	-33.79	2.37 V	258	47.31	-94.10

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-50.93	-13.00	-37.93	1.48 H	146	42.83	-93.76
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	-46.03	-13.00	-33.03	2.24 V	261	47.73	-93.76

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.

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-50.44	-13.00	-37.44	1.58 H	146	42.95	-93.39
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	-45.85	-13.00	-32.85	2.46 V	274	47.54	-93.39

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-50.75	-13.00	-37.75	1.57 H	136	43.24	-93.99
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	-46.63	-13.00	-33.63	2.24 V	258	47.36	-93.99

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-50.39	-13.00	-37.39	1.38 H	142	43.37	-93.76
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	-45.81	-13.00	-32.81	2.48 V	265	47.95	-93.76

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.

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-50.27	-13.00	-37.27	1.45 H	156	43.24	-93.51
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	-45.75	-13.00	-32.75	2.46 V	265	47.76	-93.51

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.

7.7.17 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-56.66	-13.00	-43.66	2.34 H	275	44.95	-101.61
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	-56.66	-13.00	-43.66	2.13 V	257	44.95	-101.61

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-56.79	-13.00	-43.79	2.14 H	243	44.82	-101.61
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	-56.56	-13.00	-43.56	1.14 V	146	45.05	-101.61

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.81	-13.00	-44.81	1.15 H	168	43.81	-101.62
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	-56.99	-13.00	-43.99	2.12 V	257	44.63	-101.62

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.74	-13.00	-44.74	1.14 H	156	43.87	-101.61
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	-56.75	-13.00	-43.75	2.45 V	243	44.86	-101.61

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.77	-13.00	-44.77	1.24 H	165	43.84	-101.61
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	-56.85	-13.00	-43.85	2.15 V	241	44.76	-101.61

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.74	-13.00	-44.74	1.14 H	152	43.87	-101.61
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	-56.88	-13.00	-43.88	2.17 V	265	44.73	-101.61

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.78	-13.00	-44.78	1.24 H	168	43.83	-101.61
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	-56.89	-13.00	-43.89	2.24 V	234	44.72	-101.61

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.05	-13.00	-44.05	1.14 H	158	44.56	-101.61
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	-56.45	-13.00	-43.45	2.24 V	257	45.16	-101.61

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.68	-13.00	-44.68	1.27 H	169	43.92	-101.60
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	-56.92	-13.00	-43.92	2.14 V	232	44.68	-101.60

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.

7.7.18 LTE Band 7

RF Mode	LTE Band 7 Channel Bandwidth: 5MHz	**Channel**	CH 20775：2502.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5005.00	-35.64	-25.00	-10.64	2.16 H	72	54.86	-90.50
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	5005.00	-43.57	-25.00	-18.57	2.43 V	64	46.93	-90.50

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.

RF Mode	LTE Band 7 Channel Bandwidth: 5MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5070.00	-35.02	-25.00	-10.02	2.04 H	76	54.97	-89.99
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	5070.00	-33.12	-25.00	-8.12	2.38 V	56	56.87	-89.99

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 7 Channel Bandwidth: 5MHz	**Channel**	CH 21425：2567.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5135.00	-35.07	-25.00	-10.07	2.64 H	73	54.75	-89.82
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	5135.00	-32.87	-25.00	-7.87	2.34 V	45	56.95	-89.82

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 7 Channel Bandwidth: 20MHz	**Channel**	CH 20850：2510 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5020.00	-35.70	-25.00	-10.70	1.97 H	38	54.67	-90.37
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	5020.00	-33.55	-25.00	-8.55	2.35 V	57	56.82	-90.37

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 7 Channel Bandwidth: 20MHz	**Channel**	CH 21100：2535 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5070.00	-34.63	-25.00	-9.63	2.24 H	55	55.36	-89.99
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	**5070.00**	**-32.40**	**-25.00**	**-7.40**	**2.34 V**	**69**	**57.59**	**-89.99**

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 7 Channel Bandwidth: 20MHz	**Channel**	CH 21350：2560 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5120.00	-34.95	-25.00	-9.95	2.14 H	105	54.86	-89.81
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	5120.00	-32.47	-25.00	-7.47	2.54 V	68	57.34	-89.81

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.

7.7.19 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.77	-13.00	-39.77	1.22 H	72	48.05	-100.82
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	1399.40	-50.90	-13.00	-37.90	2.24 V	286	49.92	-100.82

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: 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-53.10	-13.00	-40.10	1.27 H	86	47.83	-100.93
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	-51.04	-13.00	-38.04	2.13 V	315	49.89	-100.93

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-53.09	-13.00	-40.09	1.35 H	65	47.95	-101.04
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	-51.18	-13.00	-38.18	2.21 V	327	49.86	-101.04

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.

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-53.10	-13.00	-40.10	1.36 H	93	47.74	-100.84
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	1403.00	-50.88	-13.00	-37.88	2.15 V	335	49.96	-100.84

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: 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-53.10	-13.00	-40.10	1.35 H	65	47.83	-100.93
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	-51.05	-13.00	-38.05	2.12 V	257	49.88	-100.93

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.86	-13.00	-39.86	1.17 H	74	48.16	-101.02
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	-51.06	-13.00	-38.06	1.86 V	286	49.96	-101.02

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.64	-13.00	-39.64	1.35 H	78	48.24	-100.88
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	-50.61	-13.00	-37.61	2.14 V	315	50.27	-100.88

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.30	-13.00	-39.30	1.35 H	89	48.63	-100.93
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	-50.42	-13.00	-37.42	2.21 V	265	50.51	-100.93

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-52.57	-13.00	-39.57	1.36 H	65	48.42	-100.99
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	-50.63	-13.00	-37.63	2.14 V	289	50.36	-100.99

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.

7.7.20 LTE Band 13

RF Mode	LTE Band 13 Channel Bandwidth: 5MHz	**Channel**	CH 23205：779.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1559.00	-57.44	-40.00	-17.44	1.43 H	87	41.95	-99.39
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	1559.00	-56.34	-40.00	-16.34	1.57 V	54	43.05	-99.39

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 13 Channel Bandwidth: 5MHz	**Channel**	CH 23230：782 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1564.00	-57.13	-40.00	-17.13	1.45 H	76	42.28	-99.41
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	1564.00	-56.06	-40.00	-16.06	1.74 V	53	43.35	-99.41

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 13 Channel Bandwidth: 5MHz	**Channel**	CH 23255：784.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1569.00	-56.90	-40.00	-16.90	1.35 H	78	42.54	-99.44
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	1569.00	-55.79	-40.00	-15.79	1.87 V	73	43.65	-99.44

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 13 Channel Bandwidth: 10MHz	**Channel**	CH 23230：782 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1564.00	-56.78	-40.00	-16.78	1.42 H	69	42.63	-99.41
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	1564.00	-55.66	-40.00	-15.66	1.57 V	38	43.75	-99.41

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.

7.7.21 LTE Band 14

RF Mode	LTE Band 14 Channel Bandwidth: 5MHz	**Channel**	CH 23305：790.5 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, 66 % RH
Tested By	vincent chen		

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	1581.00	-56.13	-40.00	-16.13	2.17 H	96	43.35	-99.48
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	1581.00	-54.72	-40.00	-14.72	2.42 V	61	44.76	-99.48

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 14 Channel Bandwidth: 5MHz	**Channel**	CH 23330：793 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, 66 % RH
Tested By	vincent chen		

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	1586.00	-56.13	-40.00	-16.13	1.93 H	68	43.38	-99.51
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	1586.00	-54.83	-40.00	-14.83	2.34 V	71	44.68	-99.51

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 14 Channel Bandwidth: 5MHz	**Channel**	CH 23355：795.5 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, 66 % RH
Tested By	vincent chen		

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	1591.00	-56.30	-40.00	-16.30	2.01 H	87	43.23	-99.53
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	1591.00	-54.88	-40.00	-14.88	2.21 V	62	44.65	-99.53

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 14 Channel Bandwidth: 10MHz	**Channel**	CH 23330：793 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, 66 % RH
Tested By	vincent chen		

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	1586.00	-55.77	-40.00	-15.77	2.15 H	105	43.74	-99.51
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	1586.00	-54.56	-40.00	-14.56	2.34 V	79	44.95	-99.51

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.

7.7.22 LTE Band 17

RF Mode	LTE Band 17 Channel Bandwidth: 5MHz	**Channel**	CH 23755：706.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1413.00	-52.94	-13.00	-39.94	1.76 H	54	47.98	-100.92
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	1413.00	-49.57	-13.00	-36.57	2.64 V	257	51.35	-100.92

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 17 Channel Bandwidth: 5MHz	**Channel**	CH 23790：710 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1420.00	-53.20	-13.00	-40.20	1.68 H	63	47.76	-100.96
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	1420.00	-49.50	-13.00	-36.50	2.34 V	257	51.46	-100.96

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 17 Channel Bandwidth: 5MHz	**Channel**	CH 23825：713.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	-53.13	-13.00	-40.13	1.45 H	51	47.89	-101.02
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	-49.50	-13.00	-36.50	2.57 V	264	51.52	-101.02

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 17 Channel Bandwidth: 10MHz	**Channel**	CH 23780：709 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1418.00	-53.09	-13.00	-40.09	1.85 H	73	47.86	-100.95
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	1418.00	-49.27	-13.00	-36.27	2.75 V	264	51.68	-100.95

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.

RF Mode	LTE Band 17 Channel Bandwidth: 10MHz	**Channel**	CH 23790：710 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1420.00	-52.70	-13.00	-39.70	1.56 H	105	48.26	-100.96
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	1420.00	-49.17	-13.00	-36.17	2.34 V	275	51.79	-100.96

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 17 Channel Bandwidth: 10MHz	**Channel**	CH 23800：711 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	-53.04	-13.00	-40.04	1.86 H	78	47.95	-100.99
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	-49.57	-13.00	-36.57	2.46 V	286	51.42	-100.99

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.

7.7.23 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.33	-13.00	-36.33	1.65 H	165	43.94	-93.27
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	-48.43	-13.00	-35.43	1.05 V	211	44.84	-93.27

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.12	-13.00	-36.12	3.46 H	152	43.94	-93.06
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	3765.00	-48.01	-13.00	-35.01	1.27 V	21	45.05	-93.06

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: 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.12	-13.00	-36.12	2.27 H	256	43.81	-92.93
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	-47.98	-13.00	-34.98	1.74 V	253	44.95	-92.93

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.

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.39	-13.00	-36.39	1.28 H	235	43.87	-93.26
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	-48.23	-13.00	-35.23	1.63 V	115	45.03	-93.26

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.34	-13.00	-36.34	2.41 H	143	43.72	-93.06
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	3765.00	-48.19	-13.00	-35.19	2.01 V	331	44.87	-93.06

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 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.08	-13.00	-36.08	3.64 H	27	43.87	-92.95
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	3825.00	-48.03	-13.00	-35.03	1.68 V	252	44.92	-92.95

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	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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.52	-13.00	-36.52	2.42 H	314	43.68	-93.20
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	-48.48	-13.00	-35.48	1.32 V	225	44.72	-93.20

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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-48.81	-13.00	-35.81	3.18 H	158	44.25	-93.06
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	3765.00	-47.71	-13.00	-34.71	1.43 V	135	45.35	-93.06

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: 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-48.95	-13.00	-35.95	2.65 H	257	44.05	-93.00
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	3810.00	-48.09	-13.00	-35.09	1.57 V	232	44.91	-93.00

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.

7.7.24 LTE Band 26 (814 MHz ~ 824 MHz)

RF Mode	LTE Band 26 (814 MHz ~ 824 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.44	-13.00	-44.44	1.65 H	61	44.21	-101.65
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	-56.62	-13.00	-43.62	1.52 V	227	45.03	-101.65

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 (814 MHz ~ 824 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.59	-13.00	-44.59	2.01 H	68	44.05	-101.64
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	-56.71	-13.00	-43.71	1.42 V	221	44.93	-101.64

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 (814 MHz ~ 824 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.46	-13.00	-44.46	1.74 H	76	44.15	-101.61
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	-56.74	-13.00	-43.74	1.42 V	214	44.87	-101.61

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 (814 MHz ~ 824 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.64	-13.00	-44.64	1.75 H	46	44.02	-101.66
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	-56.60	-13.00	-43.60	1.37 V	224	45.06	-101.66

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 (814 MHz ~ 824 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.49	-13.00	-44.49	1.62 H	45	44.15	-101.64
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	-56.76	-13.00	-43.76	1.59 V	210	44.88	-101.64

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 (814 MHz ~ 824 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.38	-13.00	-44.38	2.04 H	65	44.25	-101.63
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	-56.57	-13.00	-43.57	1.46 V	217	45.06	-101.63

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 (814 MHz ~ 824 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.16	-13.00	-44.16	1.53 H	34	44.48	-101.64
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	-56.16	-13.00	-43.16	1.50 V	234	45.48	-101.64

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.

7.7.25 LTE Band 26 (824 MHz ~ 849 MHz)

RF Mode	LTE Band 26 (824 MHz ~ 849 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.35	-13.00	-44.35	1.87 H	78	44.26	-101.61
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	-56.04	-13.00	-43.04	1.63 V	265	45.57	-101.61

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 (824 MHz ~ 849 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.33	-13.00	-44.33	2.34 H	168	44.28	-101.61
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	-56.25	-13.00	-43.25	1.47 V	138	45.36	-101.61

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 (824 MHz ~ 849 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.34	-13.00	-44.34	1.74 H	169	44.28	-101.62
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	-56.27	-13.00	-43.27	1.65 V	310	45.35	-101.62

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 (824 MHz ~ 849 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.43	-13.00	-44.43	1.45 H	62	44.18	-101.61
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	-56.26	-13.00	-43.26	1.14 V	141	45.35	-101.61

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 (824 MHz ~ 849 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.44	-13.00	-44.44	2.45 H	138	44.17	-101.61
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	-56.36	-13.00	-43.36	2.87 V	234	45.25	-101.61

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 (824 MHz ~ 849 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.42	-13.00	-44.42	1.74 H	258	44.19	-101.61
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	-56.25	-13.00	-43.25	2.42 V	176	45.36	-101.61

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 (824 MHz ~ 849 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.35	-13.00	-44.35	1.23 H	227	44.26	-101.61
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	-56.13	-13.00	-43.13	2.11 V	58	45.48	-101.61

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 (824 MHz ~ 849 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-56.97	-13.00	-43.97	1.67 H	182	44.64	-101.61
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	-55.76	-13.00	-42.76	1.21 V	325	45.85	-101.61

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 (824 MHz ~ 849 MHz) 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**	24 °C, 78 % RH
Tested By	vincent chen		

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	-57.24	-13.00	-44.24	2.21 H	158	44.37	-101.61
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	-56.03	-13.00	-43.03	2.23 V	47	45.58	-101.61

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.

Mode B2

Without shielding case

7.7.26 LTE Band 41

RF Mode	LTE Band 41 Channel Bandwidth: 5MHz	**Channel**	CH 39675：2498.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	4997.00	-39.09	-25.00	-14.09	2.74 H	189	51.46	-90.55
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	4997.00	-37.28	-25.00	-12.28	1.62 V	174	53.27	-90.55

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 41 Channel Bandwidth: 5MHz	**Channel**	CH 40620：2593 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5186.00	-38.65	-25.00	-13.65	3.41 H	224	51.46	-90.11
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	5186.00	-36.73	-25.00	-11.73	1.43 V	142	53.38	-90.11

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 41 Channel Bandwidth: 5MHz	**Channel**	CH 41565：2687.5 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5375.00	-39.17	-25.00	-14.17	3.21 H	72	51.34	-90.51
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	5375.00	-36.97	-25.00	-11.97	1.46 V	175	53.54	-90.51

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 41 Channel Bandwidth: 20MHz	**Channel**	CH 39750：2506 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5012.00	-38.88	-25.00	-13.88	2.21 H	26	51.56	-90.44
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	5012.00	-37.20	-25.00	-12.20	1.24 V	274	53.24	-90.44

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 41 Channel Bandwidth: 20MHz	**Channel**	CH 40620：2593 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5186.00	-38.24	-25.00	-13.24	2.18 H	23	51.87	-90.11
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	5186.00	-36.30	-25.00	-11.30	1.45 V	261	53.81	-90.11

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 41 Channel Bandwidth: 20MHz	**Channel**	CH 41490：2680 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	5360.00	-39.17	-25.00	-14.17	3.24 H	42	51.35	-90.52
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	**5360.00**	**-31.87**	**-25.00**	**-6.87**	**2.04 V**	**27**	**58.65**	**-90.52**

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.

7.7.27 LTE Band 66

RF Mode	LTE Band 66 Channel Bandwidth: 1.4MHz	**Channel**	CH 131979：1710.7 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.88	-13.00	-36.88	3.35 H	47	44.25	-94.13
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	-46.78	-13.00	-33.78	1.57 V	284	47.35	-94.13

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 66 Channel Bandwidth: 1.4MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.25	-13.00	-36.25	2.14 H	26	44.26	-93.51
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	-46.16	-13.00	-33.16	1.42 V	122	47.35	-93.51

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 66 Channel Bandwidth: 1.4MHz	**Channel**	CH 132665：1779.3 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	3558.60	-49.06	-13.00	-36.06	3.54 H	27	44.25	-93.31
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	3558.60	-45.89	-13.00	-32.89	1.34 V	162	47.42	-93.31

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 66 Channel Bandwidth: 5MHz	**Channel**	CH 131997：1712.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.84	-13.00	-36.84	2.11 H	245	44.26	-94.10
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	-46.64	-13.00	-33.64	1.20 V	48	47.46	-94.10

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 66 Channel Bandwidth: 5MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.36	-13.00	-36.36	2.24 H	234	44.15	-93.51
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	-46.15	-13.00	-33.15	1.54 V	318	47.36	-93.51

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 66 Channel Bandwidth: 5MHz	**Channel**	CH 132647：1777.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	3555.00	-48.96	-13.00	-35.96	1.76 H	72	44.35	-93.31
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	3555.00	-45.96	-13.00	-32.96	1.93 V	145	47.35	-93.31

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 66 Channel Bandwidth: 20MHz	**Channel**	CH 132072：1720 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	-49.57	-13.00	-36.57	2.04 H	23	44.42	-93.99
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	-46.73	-13.00	-33.73	1.67 V	325	47.26	-93.99

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 66 Channel Bandwidth: 20MHz	**Channel**	CH 132322：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	-48.75	-13.00	-35.75	2.16 H	265	44.76	-93.51
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	-45.70	-13.00	-32.70	3.41 V	68	47.81	-93.51

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 66 Channel Bandwidth: 20MHz	**Channel**	CH 132572：1770 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	3540.00	-48.98	-13.00	-35.98	1.87 H	57	44.35	-93.33
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	3540.00	-45.88	-13.00	-32.88	2.17 V	287	47.45	-93.33

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.

7.7.28 LTE Band 71

RF Mode	LTE Band 71 Channel Bandwidth: 5MHz	**Channel**	CH 133147：665.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1331.00	-58.30	-13.00	-45.30	2.34 H	287	42.76	-101.06
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	1331.00	-55.63	-13.00	-42.63	1.38 V	143	45.43	-101.06

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 71 Channel Bandwidth: 5MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1361.00	-58.14	-13.00	-45.14	3.41 H	225	42.87	-101.01
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	1361.00	-55.55	-13.00	-42.55	1.65 V	287	45.46	-101.01

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 71 Channel Bandwidth: 5MHz	**Channel**	CH 133447：695.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1391.00	-58.11	-13.00	-45.11	1.36 H	281	42.75	-100.86
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	1391.00	-55.91	-13.00	-42.91	3.14 V	265	44.95	-100.86

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 71 Channel Bandwidth: 20MHz	**Channel**	CH 133222：673 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1346.00	-58.33	-13.00	-45.33	3.35 H	134	42.74	-101.07
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	1346.00	-55.65	-13.00	-42.65	1.46 V	135	45.42	-101.07

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 71 Channel Bandwidth: 20MHz	**Channel**	CH 133297：680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1361.00	-57.76	-13.00	-44.76	1.74 H	26	43.25	-101.01
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	1361.00	-54.98	-13.00	-41.98	2.18 V	234	46.03	-101.01

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 71 Channel Bandwidth: 20MHz	**Channel**	CH 133372：688 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24 °C, 78 % RH
Tested By	vincent chen		

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	1376.00	-58.19	-13.00	-45.19	2.57 H	224	42.75	-100.94
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	1376.00	-55.36	-13.00	-42.36	1.42 V	13	45.58	-100.94

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.

7.8 Frequency Stability

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

7.8.1 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)
4.5	1850.699994	-0.0032	1909.29999	-0.0052
4.7	1850.700007	0.0038	1909.300005	0.0026
4.9	1850.699992	-0.0043	1909.299996	-0.0021

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1850.699993	-0.0038	1909.299992	-0.0042
-30	1850.699991	-0.0049	1909.299995	-0.0026
-20	1850.7	0	1909.299995	-0.0026
-10	1850.7	0	1909.300002	0.001
0	1850.70001	0.0054	1909.300005	0.0026
10	1850.699996	-0.0022	1909.299992	-0.0042
20	1850.69999	-0.0054	1909.299994	-0.0031
30	1850.699995	-0.0027	1909.299992	-0.0042
40	1850.700002	0.0011	1909.299997	-0.0016
50	1850.7	0	1909.300001	0.0005
60	1850.700001	0.0005	1909.300004	0.0021
70	1850.700007	0.0038	1909.300003	0.0016
80	1850.700001	0.0005	1909.299997	-0.0016
85	1850.699995	-0.0027	1909.299995	-0.0026

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)
4.5	1851.499997	-0.0016	1908.500001	0.0005
4.7	1851.499995	-0.0027	1908.499996	-0.0021
4.9	1851.50001	0.0054	1908.500008	0.0042

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1851.499995	-0.0027	1908.49999	-0.0052
-30	1851.500003	0.0016	1908.500006	0.0031
-20	1851.500007	0.0038	1908.50001	0.0052
-10	1851.500008	0.0043	1908.500009	0.0047
0	1851.499999	-0.0005	1908.5	0
10	1851.499994	-0.0032	1908.499993	-0.0037
20	1851.499999	-0.0005	1908.500001	0.0005
30	1851.500006	0.0032	1908.50001	0.0052
40	1851.500004	0.0022	1908.500001	0.0005
50	1851.499994	-0.0032	1908.49999	-0.0052
60	1851.500005	0.0027	1908.500004	0.0021
70	1851.499999	-0.0005	1908.500002	0.001
80	1851.499998	-0.0011	1908.499998	-0.001
85	1851.500005	0.0027	1908.50001	0.0052

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)
4.5	1852.499997	-0.0016	1907.499998	-0.001
4.7	1852.499997	-0.0016	1907.499993	-0.0037
4.9	1852.500003	0.0016	1907.499999	-0.0005

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1852.499991	-0.0049	1907.499992	-0.0042
-30	1852.499994	-0.0032	1907.499995	-0.0026
-20	1852.499996	-0.0022	1907.499995	-0.0026
-10	1852.500007	0.0038	1907.500006	0.0031
0	1852.500002	0.0011	1907.500002	0.001
10	1852.500006	0.0032	1907.500009	0.0047
20	1852.499994	-0.0032	1907.499995	-0.0026
30	1852.499992	-0.0043	1907.499996	-0.0021
40	1852.500007	0.0038	1907.500003	0.0016
50	1852.499998	-0.0011	1907.5	0
60	1852.499992	-0.0043	1907.499996	-0.0021
70	1852.499991	-0.0049	1907.499991	-0.0047
80	1852.499998	-0.0011	1907.500003	0.0016
85	1852.49999	-0.0054	1907.499991	-0.0047

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)
4.5	1854.999991	-0.0049	1904.99999	-0.0052
4.7	1854.999992	-0.0043	1904.999994	-0.0031
4.9	1855.000007	0.0038	1905.000003	0.0016

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 18650 (1855 MHz)		CH 19150 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1855.000009	0.0049	1905.000008	0.0042
-30	1855	0	1905.000002	0.001
-20	1854.999995	-0.0027	1904.999995	-0.0026
-10	1855	0	1905.000003	0.0016
0	1855.000007	0.0038	1905.00001	0.0052
10	1854.999995	-0.0027	1904.999995	-0.0026
20	1854.999998	-0.0011	1904.999994	-0.0031
30	1855.000005	0.0027	1905.000008	0.0042
40	1854.999993	-0.0038	1904.999995	-0.0026
50	1855.000006	0.0032	1905.000002	0.001
60	1854.99999	-0.0054	1904.999992	-0.0042
70	1855.000009	0.0049	1905.000008	0.0042
80	1854.999998	-0.0011	1905.000002	0.001
85	1854.999992	-0.0043	1904.999991	-0.0047

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)
4.5	1857.500008	0.0043	1902.500006	0.0032
4.7	1857.500007	0.0038	1902.500005	0.0026
4.9	1857.500004	0.0022	1902.500001	0.0005

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1857.500004	0.0022	1902.500008	0.0042
-30	1857.500006	0.0032	1902.500002	0.0011
-20	1857.500006	0.0032	1902.500003	0.0016
-10	1857.500009	0.0048	1902.500005	0.0026
0	1857.499995	-0.0027	1902.499992	-0.0042
10	1857.499998	-0.0011	1902.5	0
20	1857.49999	-0.0054	1902.49999	-0.0053
30	1857.500007	0.0038	1902.500009	0.0047
40	1857.500007	0.0038	1902.500009	0.0047
50	1857.500002	0.0011	1902.500007	0.0037
60	1857.499993	-0.0038	1902.499997	-0.0016
70	1857.500001	0.0005	1902.5	0
80	1857.499999	-0.0005	1902.499998	-0.0011
85	1857.5	0	1902.499997	-0.0016

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)
4.5	1859.999997	-0.0016	1899.999997	-0.0016
4.7	1860.000006	0.0032	1900.000004	0.0021
4.9	1859.999996	-0.0022	1899.999997	-0.0016

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 18700 (1860 MHz)		CH 19100 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1859.999999	-0.0005	1899.999999	-0.0005
-30	1859.999997	-0.0016	1900	0
-20	1859.999997	-0.0016	1900.000002	0.0011
-10	1860.000008	0.0043	1900.000009	0.0047
0	1859.999997	-0.0016	1899.999999	-0.0005
10	1860.000001	0.0005	1900	0
20	1860.000003	0.0016	1900.000007	0.0037
30	1860	0	1900	0
40	1859.999995	-0.0027	1899.999993	-0.0037
50	1860.000006	0.0032	1900.000007	0.0037
60	1860.000005	0.0027	1900.000001	0.0005
70	1860.000004	0.0022	1900.000001	0.0005
80	1860.000001	0.0005	1900.000004	0.0021
85	1860.000001	0.0005	1900.000001	0.0005

7.8.2 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)
4.5	1710.699997	-0.0018	1754.299999	-0.0006
4.7	1710.700003	0.0018	1754.299999	-0.0006
4.9	1710.700006	0.0035	1754.300003	0.0017

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1710.699991	-0.0053	1754.299996	-0.0023
-30	1710.700002	0.0012	1754.299997	-0.0017
-20	1710.699991	-0.0053	1754.29999	-0.0057
-10	1710.700008	0.0047	1754.300005	0.0029
0	1710.700006	0.0035	1754.30001	0.0057
10	1710.699996	-0.0023	1754.299993	-0.004
20	1710.699991	-0.0053	1754.299993	-0.004
30	1710.700001	0.0006	1754.300002	0.0011
40	1710.700001	0.0006	1754.300002	0.0011
50	1710.699997	-0.0018	1754.299994	-0.0034
60	1710.699997	-0.0018	1754.300001	0.0006
70	1710.699999	-0.0006	1754.299996	-0.0023
80	1710.7	0	1754.300001	0.0006
85	1710.700002	0.0012	1754.300001	0.0006

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)
4.5	1711.500009	0.0053	1753.500009	0.0051
4.7	1711.499991	-0.0053	1753.499994	-0.0034
4.9	1711.500004	0.0023	1753.500004	0.0023

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1711.500007	0.0041	1753.500009	0.0051
-30	1711.5	0	1753.500003	0.0017
-20	1711.500009	0.0053	1753.50001	0.0057
-10	1711.500003	0.0018	1753.500002	0.0011
0	1711.499992	-0.0047	1753.499993	-0.004
10	1711.499991	-0.0053	1753.499995	-0.0029
20	1711.499995	-0.0029	1753.499996	-0.0023
30	1711.499996	-0.0023	1753.499995	-0.0029
40	1711.500007	0.0041	1753.500008	0.0046
50	1711.500002	0.0012	1753.500002	0.0011
60	1711.500007	0.0041	1753.50001	0.0057
70	1711.499994	-0.0035	1753.499995	-0.0029
80	1711.499992	-0.0047	1753.499992	-0.0046
85	1711.499992	-0.0047	1753.499995	-0.0029

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)
4.5	1712.5	0	1752.499999	-0.0006
4.7	1712.50001	0.0058	1752.500008	0.0046
4.9	1712.500003	0.0018	1752.499998	-0.0011

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1712.499998	-0.0012	1752.499996	-0.0023
-30	1712.499992	-0.0047	1752.499994	-0.0034
-20	1712.500008	0.0047	1752.500004	0.0023
-10	1712.500009	0.0053	1752.500008	0.0046
0	1712.500006	0.0035	1752.500007	0.004
10	1712.500003	0.0018	1752.500003	0.0017
20	1712.50001	0.0058	1752.500008	0.0046
30	1712.499993	-0.0041	1752.499996	-0.0023
40	1712.499999	-0.0006	1752.499999	-0.0006
50	1712.500008	0.0047	1752.500008	0.0046
60	1712.500001	0.0006	1752.500004	0.0023
70	1712.49999	-0.0058	1752.49999	-0.0057
80	1712.499993	-0.0041	1752.499995	-0.0029
85	1712.499992	-0.0047	1752.499996	-0.0023

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)
4.5	1715.000002	0.0012	1750	0
4.7	1714.999998	-0.0012	1750.000002	0.0011
4.9	1714.999999	-0.0006	1750	0

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20000 (1715 MHz)		CH 20350 (1750 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1715.000001	0.0006	1750.000005	0.0029
-30	1715.000006	0.0035	1750.000004	0.0023
-20	1715.000004	0.0023	1750.000001	0.0006
-10	1714.99999	-0.0058	1749.999994	-0.0034
0	1714.999993	-0.0041	1749.999993	-0.004
10	1715.000005	0.0029	1750.000002	0.0011
20	1715.000009	0.0052	1750.000005	0.0029
30	1715.000001	0.0006	1750.000001	0.0006
40	1714.999991	-0.0052	1749.999991	-0.0051
50	1714.999992	-0.0047	1749.999993	-0.004
60	1715.000005	0.0029	1750.000009	0.0051
70	1715.000009	0.0052	1750.000005	0.0029
80	1714.999999	-0.0006	1750	0
85	1715.000004	0.0023	1750.000002	0.0011

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)
4.5	1717.500001	0.0006	1747.500001	0.0006
4.7	1717.500007	0.0041	1747.500002	0.0011
4.9	1717.500006	0.0035	1747.500004	0.0023

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1717.500002	0.0012	1747.500001	0.0006
-30	1717.499993	-0.0041	1747.499996	-0.0023
-20	1717.500007	0.0041	1747.500004	0.0023
-10	1717.499996	-0.0023	1747.499995	-0.0029
0	1717.500003	0.0017	1747.500004	0.0023
10	1717.499995	-0.0029	1747.499995	-0.0029
20	1717.49999	-0.0058	1747.499993	-0.004
30	1717.500009	0.0052	1747.500009	0.0052
40	1717.500007	0.0041	1747.500007	0.004
50	1717.500009	0.0052	1747.500007	0.004
60	1717.500005	0.0029	1747.500003	0.0017
70	1717.5	0	1747.499999	-0.0006
80	1717.500005	0.0029	1747.500004	0.0023
85	1717.500007	0.0041	1747.500007	0.004

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)
4.5	1720.000005	0.0029	1745.000008	0.0046
4.7	1720.000005	0.0029	1745.00001	0.0057
4.9	1719.999997	-0.0017	1744.999998	-0.0011

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20050 (1720 MHz)		CH 20300 (1745 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1720.000005	0.0029	1745.000008	0.0046
-30	1720.000009	0.0052	1745.000008	0.0046
-20	1719.999996	-0.0023	1745	0
-10	1720.000008	0.0047	1745.000009	0.0052
0	1720.000003	0.0017	1744.999998	-0.0011
10	1719.999994	-0.0035	1744.999999	-0.0006
20	1720.000002	0.0012	1745.000002	0.0011
30	1720	0	1745	0
40	1720.000002	0.0012	1745	0
50	1719.999999	-0.0006	1745	0
60	1720.000008	0.0047	1745.000007	0.004
70	1719.999998	-0.0012	1745	0
80	1720	0	1745.000001	0.0006
85	1719.999998	-0.0012	1745.000002	0.0011

7.8.3 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)
4.5	824.699999	-0.0012	848.299994	-0.0071
4.7	824.70001	0.0121	848.300006	0.0071
4.9	824.700002	0.0024	848.300001	0.0012

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	824.700004	0.0049	848.300008	0.0094
-30	824.700002	0.0024	848.300003	0.0035
-20	824.699993	-0.0085	848.299992	-0.0094
-10	824.700006	0.0073	848.300002	0.0024
0	824.700002	0.0024	848.300007	0.0083
10	824.700002	0.0024	848.299997	-0.0035
20	824.699998	-0.0024	848.299999	-0.0012
30	824.699998	-0.0024	848.299996	-0.0047
40	824.699994	-0.0073	848.299995	-0.0059
50	824.7	0	848.300005	0.0059
60	824.700003	0.0036	848.300006	0.0071
70	824.700009	0.0109	848.300009	0.0106
80	824.699999	-0.0012	848.299999	-0.0012
85	824.700007	0.0085	848.300005	0.0059

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)
4.5	825.500001	0.0012	847.499998	-0.0024
4.7	825.500005	0.0061	847.5	0
4.9	825.500003	0.0036	847.500006	0.0071

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	825.499993	-0.0085	847.499991	-0.0106
-30	825.499992	-0.0097	847.499994	-0.0071
-20	825.500002	0.0024	847.500003	0.0035
-10	825.500002	0.0024	847.500004	0.0047
0	825.499998	-0.0024	847.499996	-0.0047
10	825.499998	-0.0024	847.500003	0.0035
20	825.5	0	847.499997	-0.0035
30	825.500001	0.0012	847.500002	0.0024
40	825.500003	0.0036	847.500003	0.0035
50	825.50001	0.0121	847.50001	0.0118
60	825.499993	-0.0085	847.499996	-0.0047
70	825.500005	0.0061	847.500005	0.0059
80	825.500008	0.0097	847.50001	0.0118
85	825.500001	0.0012	847.500004	0.0047

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)
4.5	826.499991	-0.0109	846.499993	-0.0083
4.7	826.500004	0.0048	846.500003	0.0035
4.9	826.499994	-0.0073	846.499996	-0.0047

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	826.499993	-0.0085	846.499992	-0.0095
-30	826.499998	-0.0024	846.499993	-0.0083
-20	826.499997	-0.0036	846.499993	-0.0083
-10	826.499993	-0.0085	846.499995	-0.0059
0	826.499999	-0.0012	846.499998	-0.0024
10	826.499995	-0.006	846.499996	-0.0047
20	826.500001	0.0012	846.499996	-0.0047
30	826.499999	-0.0012	846.500003	0.0035
40	826.49999	-0.0121	846.499994	-0.0071
50	826.499993	-0.0085	846.49999	-0.0118
60	826.5	0	846.500004	0.0047
70	826.500009	0.0109	846.500005	0.0059
80	826.499996	-0.0048	846.499993	-0.0083
85	826.500006	0.0073	846.500002	0.0024

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)
4.5	828.999999	-0.0012	844.000002	0.0024
4.7	828.999994	-0.0072	843.99999	-0.0118
4.9	829.000008	0.0097	844.000008	0.0095

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20450 (829 MHz)		CH 20600 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	829.000004	0.0048	844.000006	0.0071
-30	829.000003	0.0036	844.000006	0.0071
-20	828.999999	-0.0012	843.999997	-0.0036
-10	828.999999	-0.0012	843.999994	-0.0071
0	828.999996	-0.0048	843.999994	-0.0071
10	829.000002	0.0024	844.000004	0.0047
20	829.000004	0.0048	844.000005	0.0059
30	828.999991	-0.0109	843.999994	-0.0071
40	829.000008	0.0097	844.000008	0.0095
50	829.000002	0.0024	844.000007	0.0083
60	829	0	844.000001	0.0012
70	829.000008	0.0097	844.000004	0.0047
80	829	0	844.000002	0.0024
85	829	0	843.999997	-0.0036

7.8.4 LTE Band 7

LTE Band 7, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20775 (2502.5 MHz)		CH 21425 (2567.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	2502.500005	0.002	2567.500002	0.0008
4.7	2502.499993	-0.0028	2567.499995	-0.0019
4.9	2502.499997	-0.0012	2567.499999	-0.0004

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20775 (2502.5 MHz)		CH 21425 (2567.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2502.500009	0.0036	2567.500004	0.0016
-30	2502.5	0	2567.499995	-0.0019
-20	2502.499995	-0.002	2567.499991	-0.0035
-10	2502.499999	-0.0004	2567.499998	-0.0008
0	2502.500007	0.0028	2567.500005	0.0019
10	2502.500005	0.002	2567.500006	0.0023
20	2502.5	0	2567.500002	0.0008
30	2502.499991	-0.0036	2567.49999	-0.0039
40	2502.500005	0.002	2567.500005	0.0019
50	2502.500004	0.0016	2567.500001	0.0004
60	2502.499991	-0.0036	2567.499992	-0.0031
70	2502.500003	0.0012	2567.500001	0.0004
80	2502.500004	0.0016	2567.500007	0.0027
85	2502.500009	0.0036	2567.500006	0.0023

LTE Band 7, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20800 (2505 MHz)		CH 21400 (2565 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	2505.000001	0.0004	2565.000001	0.0004
4.7	2505.000002	0.0008	2564.999997	-0.0012
4.9	2504.999993	-0.0028	2564.999991	-0.0035

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20800 (2505 MHz)		CH 21400 (2565 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2505.000008	0.0032	2565.000004	0.0016
-30	2504.999993	-0.0028	2564.999992	-0.0031
-20	2505	0	2565.000001	0.0004
-10	2504.999998	-0.0008	2565.000002	0.0008
0	2504.999994	-0.0024	2564.999992	-0.0031
10	2504.999998	-0.0008	2564.999997	-0.0012
20	2505.000006	0.0024	2565.000005	0.0019
30	2504.999999	-0.0004	2565.000001	0.0004
40	2505.000003	0.0012	2565.000001	0.0004
50	2505.000002	0.0008	2564.999998	-0.0008
60	2504.999992	-0.0032	2564.999993	-0.0027
70	2505.000005	0.002	2565	0
80	2505.000001	0.0004	2565.000005	0.0019
85	2505.000001	0.0004	2565.000006	0.0023

LTE Band 7, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20825 (2507.5 MHz)		CH 21375 (2562.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	2507.499997	-0.0012	2562.5	0
4.7	2507.499997	-0.0012	2562.499998	-0.0008
4.9	2507.499995	-0.002	2562.499996	-0.0016

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20825 (2507.5 MHz)		CH 21375 (2562.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2507.499995	-0.002	2562.499997	-0.0012
-30	2507.499998	-0.0008	2562.499999	-0.0004
-20	2507.500004	0.0016	2562.500005	0.002
-10	2507.500007	0.0028	2562.500004	0.0016
0	2507.499999	-0.0004	2562.5	0
10	2507.500003	0.0012	2562.500006	0.0023
20	2507.499996	-0.0016	2562.499993	-0.0027
30	2507.500005	0.002	2562.500008	0.0031
40	2507.499998	-0.0008	2562.499998	-0.0008
50	2507.500008	0.0032	2562.500004	0.0016
60	2507.500007	0.0028	2562.500007	0.0027
70	2507.499997	-0.0012	2562.499996	-0.0016
80	2507.499997	-0.0012	2562.499996	-0.0016
85	2507.499993	-0.0028	2562.499991	-0.0035

LTE Band 7, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20850 (2510 MHz)		CH 21350 (2560 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	2509.999999	-0.0004	2560.000001	0.0004
4.7	2509.999995	-0.002	2559.999992	-0.0031
4.9	2510.000001	0.0004	2560	0

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 20850 (2510 MHz)		CH 21350 (2560 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2509.999998	-0.0008	2559.999996	-0.0016
-30	2510.000005	0.002	2560.000003	0.0012
-20	2510.000008	0.0032	2560.000007	0.0027
-10	2509.999995	-0.002	2559.999997	-0.0012
0	2510	0	2559.999998	-0.0008
10	2510.000001	0.0004	2560.000004	0.0016
20	2509.999999	-0.0004	2559.999998	-0.0008
30	2509.999994	-0.0024	2559.999991	-0.0035
40	2510.000004	0.0016	2560.000008	0.0031
50	2509.999992	-0.0032	2559.999994	-0.0023
60	2509.999991	-0.0036	2559.999992	-0.0031
70	2509.999992	-0.0032	2559.999991	-0.0035
80	2510.000004	0.0016	2560.000004	0.0016
85	2509.999998	-0.0008	2559.999996	-0.0016

7.8.5 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)
4.5	699.700003	0.0043	715.300001	0.0014
4.7	699.700005	0.0071	715.300004	0.0056
4.9	699.700003	0.0043	715.300006	0.0084

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	699.700004	0.0057	715.300008	0.0112
-30	699.699995	-0.0071	715.299993	-0.0098
-20	699.700003	0.0043	715.300005	0.007
-10	699.700008	0.0114	715.300006	0.0084
0	699.700009	0.0129	715.300009	0.0126
10	699.700007	0.01	715.300007	0.0098
20	699.700002	0.0029	715.300007	0.0098
30	699.699992	-0.0114	715.299996	-0.0056
40	699.7	0	715.299999	-0.0014
50	699.699999	-0.0014	715.299998	-0.0028
60	699.7	0	715.299997	-0.0042
70	699.699991	-0.0129	715.299992	-0.0112
80	699.699996	-0.0057	715.299991	-0.0126
85	699.699997	-0.0043	715.299996	-0.0056

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)
4.5	700.499999	-0.0014	714.499997	-0.0042
4.7	700.500006	0.0086	714.500004	0.0056
4.9	700.500009	0.0128	714.50001	0.014

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	700.500001	0.0014	714.499999	-0.0014
-30	700.500004	0.0057	714.500004	0.0056
-20	700.499997	-0.0043	714.499998	-0.0028
-10	700.500006	0.0086	714.500006	0.0084
0	700.5	0	714.499997	-0.0042
10	700.50001	0.0143	714.50001	0.014
20	700.500009	0.0128	714.500006	0.0084
30	700.499999	-0.0014	714.499995	-0.007
40	700.499999	-0.0014	714.499996	-0.0056
50	700.499995	-0.0071	714.499997	-0.0042
60	700.5	0	714.5	0
70	700.499997	-0.0043	714.499999	-0.0014
80	700.500003	0.0043	714.499999	-0.0014
85	700.5	0	714.500003	0.0042

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)
4.5	701.500007	0.01	713.50001	0.014
4.7	701.49999	-0.0143	713.499994	-0.0084
4.9	701.500006	0.0086	713.500009	0.0126

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	701.50001	0.0143	713.500007	0.0098
-30	701.499992	-0.0114	713.499993	-0.0098
-20	701.500009	0.0128	713.500007	0.0098
-10	701.500004	0.0057	713.5	0
0	701.500009	0.0128	713.500009	0.0126
10	701.500001	0.0014	713.500001	0.0014
20	701.500002	0.0029	713.5	0
30	701.499994	-0.0086	713.499992	-0.0112
40	701.500008	0.0114	713.500005	0.007
50	701.499993	-0.01	713.499993	-0.0098
60	701.5	0	713.500001	0.0014
70	701.499998	-0.0029	713.500002	0.0028
80	701.499994	-0.0086	713.499991	-0.0126
85	701.499998	-0.0029	713.499997	-0.0042

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)
4.5	704.000007	0.0099	711.000006	0.0084
4.7	703.999999	-0.0014	711.000001	0.0014
4.9	704.000009	0.0128	711.000007	0.0098

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 23060 (704 MHz)		CH 23130 (711 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	704.000002	0.0028	711.000001	0.0014
-30	703.999992	-0.0114	710.999993	-0.0098
-20	703.999991	-0.0128	710.999993	-0.0098
-10	703.999994	-0.0085	710.999994	-0.0084
0	703.999995	-0.0071	710.999993	-0.0098
10	704.000007	0.0099	711.000006	0.0084
20	704.000001	0.0014	711	0
30	704.000006	0.0085	711.000008	0.0113
40	703.999994	-0.0085	710.99999	-0.0141
50	704.000002	0.0028	711.000002	0.0028
60	703.999998	-0.0028	710.999999	-0.0014
70	704.000009	0.0128	711.000006	0.0084
80	704.000003	0.0043	711.000002	0.0028
85	704.000001	0.0014	710.999996	-0.0056

7.8.6 LTE Band 13

LTE Band 13, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23205 (779.5 MHz)		CH 23255 (784.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	779.500009	0.0115	784.500009	0.0115
4.7	779.500001	0.0013	784.499998	-0.0025
4.9	779.500001	0.0013	784.500002	0.0025

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 23205 (779.5 MHz)		CH 23255 (784.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	779.500006	0.0077	784.500007	0.0089
-30	779.499994	-0.0077	784.499993	-0.0089
-20	779.499998	-0.0026	784.499997	-0.0038
-10	779.499999	-0.0013	784.500003	0.0038
0	779.499991	-0.0115	784.499994	-0.0076
10	779.49999	-0.0128	784.499995	-0.0064
20	779.499996	-0.0051	784.499995	-0.0064
30	779.499998	-0.0026	784.499996	-0.0051
40	779.500005	0.0064	784.5	0
50	779.500008	0.0103	784.500009	0.0115
60	779.499995	-0.0064	784.499993	-0.0089
70	779.500004	0.0051	784.500001	0.0013
80	779.499996	-0.0051	784.499997	-0.0038
85	779.5	0	784.499997	-0.0038

LTE Band 13, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 23230 (782 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
4.5	781.999999	-0.0013
4.7	782.000009	0.0115
4.9	782.000009	0.0115

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature		
Temperature (℃)	CH 23230 (782 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-40	781.999999	-0.0013
-30	782.000003	0.0038
-20	782.000007	0.009
-10	781.999998	-0.0026
0	782.000006	0.0077
10	781.999998	-0.0026
20	782.000007	0.009
30	781.999994	-0.0077
40	782.000004	0.0051
50	781.999994	-0.0077
60	781.999998	-0.0026
70	781.999996	-0.0051
80	782.000003	0.0038
85	781.999997	-0.0038

7.8.7 LTE Band 14

LTE Band 14, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23305 (790.5 MHz)		CH 23355 (795.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	790.500005	0.0063	795.500005	0.0063
4.7	790.500003	0.0038	795.500006	0.0075
4.9	790.500004	0.0051	795.500008	0.0101

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 23305 (790.5 MHz)		CH 23355 (795.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	790.499995	-0.0063	795.499995	-0.0063
-30	790.500004	0.0051	795.500006	0.0075
-20	790.500008	0.0101	795.500006	0.0075
-10	790.499995	-0.0063	795.499998	-0.0025
0	790.500007	0.0089	795.500007	0.0088
10	790.500002	0.0025	795.500007	0.0088
20	790.499992	-0.0101	795.499996	-0.005
30	790.5	0	795.499999	-0.0013
40	790.499999	-0.0013	795.499998	-0.0025
50	790.5	0	795.499997	-0.0038
60	790.499997	-0.0038	795.499997	-0.0038
70	790.500006	0.0076	795.500004	0.005
80	790.499996	-0.0051	795.499997	-0.0038
85	790.499998	-0.0025	795.499998	-0.0025

LTE Band 14, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 23330 (793 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
4.5	792.999996	-0.005
4.7	793.000006	0.0076
4.9	792.999997	-0.0038

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature		
Temperature (℃)	CH 23330 (793 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-40	793.000009	0.0113
-30	793.000008	0.0101
-20	793.000001	0.0013
-10	792.999997	-0.0038
0	793.000005	0.0063
10	793.000001	0.0013
20	792.999997	-0.0038
30	793.000003	0.0038
40	793.000007	0.0088
50	793	0
60	793	0
70	792.999995	-0.0063
80	792.999995	-0.0063
85	793.000006	0.0076

7.8.8 LTE Band 17

LTE Band 17, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23755 (706.5 MHz)		CH 23825 (713.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	706.500009	0.0127	713.500006	0.0084
4.7	706.500004	0.0057	713.5	0
4.9	706.500004	0.0057	713.500001	0.0014

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 23755 (706.5 MHz)		CH 23825 (713.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	706.5	0	713.500002	0.0028
-30	706.5	0	713.5	0
-20	706.499997	-0.0042	713.499999	-0.0014
-10	706.499993	-0.0099	713.499994	-0.0084
0	706.499996	-0.0057	713.499996	-0.0056
10	706.500002	0.0028	713.500002	0.0028
20	706.500005	0.0071	713.500001	0.0014
30	706.499992	-0.0113	713.499992	-0.0112
40	706.500001	0.0014	713.500003	0.0042
50	706.499994	-0.0085	713.499997	-0.0042
60	706.499998	-0.0028	713.5	0
70	706.499996	-0.0057	713.499995	-0.007
80	706.500006	0.0085	713.500005	0.007
85	706.499997	-0.0042	713.499995	-0.007

LTE Band 17, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23780 (709 MHz)		CH 23800 (711 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	708.999996	-0.0056	710.999994	-0.0084
4.7	708.999997	-0.0042	710.999993	-0.0098
4.9	709.000009	0.0127	711.000005	0.007

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 23780 (709 MHz)		CH 23800 (711 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	709.000003	0.0042	711	0
-30	709.000008	0.0113	711.000005	0.007
-20	708.999995	-0.0071	710.999993	-0.0098
-10	708.999993	-0.0099	710.999994	-0.0084
0	708.999994	-0.0085	710.999997	-0.0042
10	709	0	710.999999	-0.0014
20	708.999994	-0.0085	710.999995	-0.007
30	708.999998	-0.0028	710.999995	-0.007
40	709	0	711.000002	0.0028
50	708.999997	-0.0042	710.999995	-0.007
60	708.999992	-0.0113	710.999995	-0.007
70	708.999997	-0.0042	711	0
80	708.999991	-0.0127	710.999992	-0.0113
85	708.999996	-0.0056	710.999991	-0.0127

7.8.9 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)
4.5	1850.699992	-0.0043	1914.299993	-0.0037
4.7	1850.699997	-0.0016	1914.299995	-0.0026
4.9	1850.699994	-0.0032	1914.299994	-0.0031

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1850.7	0	1914.300004	0.0021
-30	1850.699997	-0.0016	1914.299998	-0.001
-20	1850.700003	0.0016	1914.300004	0.0021
-10	1850.700006	0.0032	1914.30001	0.0052
0	1850.699993	-0.0038	1914.299994	-0.0031
10	1850.700002	0.0011	1914.300005	0.0026
20	1850.70001	0.0054	1914.300005	0.0026
30	1850.700005	0.0027	1914.300001	0.0005
40	1850.7	0	1914.300004	0.0021
50	1850.700005	0.0027	1914.300005	0.0026
60	1850.699993	-0.0038	1914.299991	-0.0047
70	1850.699997	-0.0016	1914.299995	-0.0026
80	1850.699998	-0.0011	1914.299994	-0.0031
85	1850.70001	0.0054	1914.300006	0.0031

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)
4.5	1851.500004	0.0022	1913.500009	0.0047
4.7	1851.500009	0.0049	1913.500006	0.0031
4.9	1851.499996	-0.0022	1913.499995	-0.0026

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1851.499994	-0.0032	1913.499996	-0.0021
-30	1851.50001	0.0054	1913.500009	0.0047
-20	1851.499994	-0.0032	1913.499991	-0.0047
-10	1851.500003	0.0016	1913.5	0
0	1851.499995	-0.0027	1913.499995	-0.0026
10	1851.500005	0.0027	1913.500001	0.0005
20	1851.499998	-0.0011	1913.499994	-0.0031
30	1851.500008	0.0043	1913.500007	0.0037
40	1851.500007	0.0038	1913.50001	0.0052
50	1851.499997	-0.0016	1913.499992	-0.0042
60	1851.499997	-0.0016	1913.499993	-0.0037
70	1851.499993	-0.0038	1913.499994	-0.0031
80	1851.499993	-0.0038	1913.499992	-0.0042
85	1851.499995	-0.0027	1913.499996	-0.0021

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)
4.5	1852.500001	0.0005	1912.500006	0.0031
4.7	1852.499998	-0.0011	1912.500002	0.001
4.9	1852.500004	0.0022	1912.500001	0.0005

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1852.499998	-0.0011	1912.5	0
-30	1852.49999	-0.0054	1912.49999	-0.0052
-20	1852.499997	-0.0016	1912.5	0
-10	1852.500004	0.0022	1912.500002	0.001
0	1852.499997	-0.0016	1912.500002	0.001
10	1852.499997	-0.0016	1912.499996	-0.0021
20	1852.500002	0.0011	1912.500001	0.0005
30	1852.49999	-0.0054	1912.499994	-0.0031
40	1852.499995	-0.0027	1912.499997	-0.0016
50	1852.500007	0.0038	1912.500002	0.001
60	1852.500006	0.0032	1912.500009	0.0047
70	1852.499992	-0.0043	1912.499992	-0.0042
80	1852.499991	-0.0049	1912.499991	-0.0047
85	1852.500007	0.0038	1912.500009	0.0047

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)
4.5	1854.999998	-0.0011	1909.999993	-0.0037
4.7	1854.999992	-0.0043	1909.999992	-0.0042
4.9	1854.999991	-0.0049	1909.999994	-0.0031

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26090 (1855 MHz)		CH 26640 (1910 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1855.00001	0.0054	1910.000007	0.0037
-30	1855.000005	0.0027	1910.000007	0.0037
-20	1854.999995	-0.0027	1909.999994	-0.0031
-10	1855.000003	0.0016	1910	0
0	1855.000002	0.0011	1909.999999	-0.0005
10	1855.000003	0.0016	1910.000008	0.0042
20	1855	0	1910.000005	0.0026
30	1854.999994	-0.0032	1909.99999	-0.0052
40	1854.999999	-0.0005	1909.999995	-0.0026
50	1855.000001	0.0005	1909.999998	-0.001
60	1854.999999	-0.0005	1910	0
70	1855	0	1910.000002	0.001
80	1854.999991	-0.0049	1909.999992	-0.0042
85	1855	0	1910.000002	0.001

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)
4.5	1857.499993	-0.0038	1907.499997	-0.0016
4.7	1857.499995	-0.0027	1907.499994	-0.0031
4.9	1857.500005	0.0027	1907.500009	0.0047

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	1857.500004	0.0022	1907.500002	0.001
-30	1857.499995	-0.0027	1907.499992	-0.0042
-20	1857.499994	-0.0032	1907.499992	-0.0042
-10	1857.49999	-0.0054	1907.499993	-0.0037
0	1857.500002	0.0011	1907.499998	-0.001
10	1857.499992	-0.0043	1907.499991	-0.0047
20	1857.499994	-0.0032	1907.499992	-0.0042
30	1857.499992	-0.0043	1907.499993	-0.0037
40	1857.499993	-0.0038	1907.499995	-0.0026
50	1857.500004	0.0022	1907.500003	0.0016
60	1857.499993	-0.0038	1907.499993	-0.0037
70	1857.499997	-0.0016	1907.499994	-0.0031
80	1857.499999	-0.0005	1907.5	0
85	1857.499996	-0.0022	1907.499994	-0.0031

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)
4.5	1859.999991	-0.0048	1904.999995	-0.0026
4.7	1860.000005	0.0027	1905.00001	0.0052
4.9	1860	0	1905.000004	0.0021

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26140 (1860 MHz)		CH 26590 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1860	0	1905.000005	0.0026
-30	1859.999996	-0.0022	1904.999996	-0.0021
-20	1859.999996	-0.0022	1904.999994	-0.0031
-10	1859.999993	-0.0038	1904.999993	-0.0037
0	1859.999999	-0.0005	1904.999998	-0.001
10	1859.999992	-0.0043	1904.99999	-0.0052
20	1859.999998	-0.0011	1904.999996	-0.0021
30	1860.000001	0.0005	1905.000005	0.0026
40	1860.000008	0.0043	1905.000006	0.0031
50	1859.999997	-0.0016	1904.999997	-0.0016
60	1860.00001	0.0054	1905.000006	0.0031
70	1859.999993	-0.0038	1904.99999	-0.0052
80	1859.999993	-0.0038	1904.999997	-0.0016
85	1860.000005	0.0027	1905.000009	0.0047

7.8.10 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)
4.5	814.699999	-0.0012	823.300004	0.0049
4.7	814.700004	0.0049	823.300009	0.0109
4.9	814.699991	-0.011	823.299991	-0.0109

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	814.699999	-0.0012	823.300004	0.0049
-30	814.700002	0.0025	823.3	0
-20	814.699994	-0.0074	823.299999	-0.0012
-10	814.699998	-0.0025	823.299995	-0.0061
0	814.69999	-0.0123	823.299991	-0.0109
10	814.699993	-0.0086	823.29999	-0.0121
20	814.700003	0.0037	823.3	0
30	814.700002	0.0025	823.300005	0.0061
40	814.699992	-0.0098	823.299994	-0.0073
50	814.699992	-0.0098	823.299995	-0.0061
60	814.700008	0.0098	823.300007	0.0085
70	814.699993	-0.0086	823.299994	-0.0073
80	814.699997	-0.0037	823.299995	-0.0061
85	814.700004	0.0049	823.3	0

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)
4.5	815.500002	0.0025	822.500004	0.0049
4.7	815.500003	0.0037	822.500007	0.0085
4.9	815.500009	0.011	822.500006	0.0073

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	815.500003	0.0037	822.500005	0.0061
-30	815.500007	0.0086	822.500002	0.0024
-20	815.500009	0.011	822.500004	0.0049
-10	815.499997	-0.0037	822.499999	-0.0012
0	815.499992	-0.0098	822.499992	-0.0097
10	815.499997	-0.0037	822.499993	-0.0085
20	815.500005	0.0061	822.500009	0.0109
30	815.500009	0.011	822.500006	0.0073
40	815.500004	0.0049	822.500005	0.0061
50	815.500004	0.0049	822.500002	0.0024
60	815.500001	0.0012	822.500001	0.0012
70	815.500007	0.0086	822.500002	0.0024
80	815.500006	0.0074	822.500004	0.0049
85	815.500002	0.0025	822.500001	0.0012

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)
4.5	816.499993	-0.0086	821.499996	-0.0049
4.7	816.500007	0.0086	821.500004	0.0049
4.9	816.500005	0.0061	821.500009	0.011

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	816.499993	-0.0086	821.499991	-0.011
-30	816.500005	0.0061	821.50001	0.0122
-20	816.500005	0.0061	821.500005	0.0061
-10	816.49999	-0.0122	821.499992	-0.0097
0	816.500009	0.011	821.50001	0.0122
10	816.500009	0.011	821.500005	0.0061
20	816.499995	-0.0061	821.499997	-0.0037
30	816.500009	0.011	821.500007	0.0085
40	816.500001	0.0012	821.500006	0.0073
50	816.499999	-0.0012	821.499997	-0.0037
60	816.499995	-0.0061	821.499995	-0.0061
70	816.500006	0.0073	821.500002	0.0024
80	816.5	0	821.499997	-0.0037
85	816.499999	-0.0012	821.500003	0.0037

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)
4.5	819.000006	0.0073
4.7	818.999997	-0.0037
4.9	818.999998	-0.0024

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature		
Temperature (℃)	CH 26740 (819 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-40	818.99999	-0.0122
-30	818.999998	-0.0024
-20	819	0
-10	819.000003	0.0037
0	818.999995	-0.0061
10	819.000007	0.0085
20	818.999991	-0.011
30	818.999991	-0.011
40	818.99999	-0.0122
50	818.999992	-0.0098
60	819.000001	0.0012
70	819.000004	0.0049
80	819.000007	0.0085
85	818.999998	-0.0024

7.8.11 LTE 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)
4.5	824.700003	0.0036	848.300004	0.0047
4.7	824.700009	0.0109	848.300004	0.0047
4.9	824.699992	-0.0097	848.299996	-0.0047

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	824.699998	-0.0024	848.3	0
-30	824.700001	0.0012	848.299998	-0.0024
-20	824.700008	0.0097	848.300007	0.0083
-10	824.700008	0.0097	848.300003	0.0035
0	824.699993	-0.0085	848.299996	-0.0047
10	824.699992	-0.0097	848.299993	-0.0083
20	824.700002	0.0024	848.299998	-0.0024
30	824.699996	-0.0049	848.299996	-0.0047
40	824.699991	-0.0109	848.29999	-0.0118
50	824.699991	-0.0109	848.299991	-0.0106
60	824.700007	0.0085	848.300005	0.0059
70	824.700007	0.0085	848.300003	0.0035
80	824.700009	0.0109	848.300007	0.0083
85	824.70001	0.0121	848.300009	0.0106

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)
4.5	825.499992	-0.0097	847.49999	-0.0118
4.7	825.499999	-0.0012	847.499998	-0.0024
4.9	825.500002	0.0024	847.500006	0.0071

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	825.499994	-0.0073	847.499992	-0.0094
-30	825.499997	-0.0036	847.499997	-0.0035
-20	825.50001	0.0121	847.500006	0.0071
-10	825.499993	-0.0085	847.49999	-0.0118
0	825.500002	0.0024	847.500005	0.0059
10	825.500001	0.0012	847.499998	-0.0024
20	825.499992	-0.0097	847.499995	-0.0059
30	825.499993	-0.0085	847.499997	-0.0035
40	825.49999	-0.0121	847.499995	-0.0059
50	825.50001	0.0121	847.500006	0.0071
60	825.499992	-0.0097	847.499991	-0.0106
70	825.499999	-0.0012	847.499994	-0.0071
80	825.500002	0.0024	847.500003	0.0035
85	825.499994	-0.0073	847.499999	-0.0012

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)
4.5	826.499998	-0.0024	846.499995	-0.0059
4.7	826.49999	-0.0121	846.49999	-0.0118
4.9	826.499993	-0.0085	846.49999	-0.0118

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	826.500008	0.0097	846.500007	0.0083
-30	826.499998	-0.0024	846.500001	0.0012
-20	826.499997	-0.0036	846.5	0
-10	826.499993	-0.0085	846.499992	-0.0095
0	826.499993	-0.0085	846.499994	-0.0071
10	826.499997	-0.0036	846.499995	-0.0059
20	826.500005	0.006	846.500004	0.0047
30	826.500003	0.0036	846.500005	0.0059
40	826.500003	0.0036	846.500007	0.0083
50	826.499994	-0.0073	846.499991	-0.0106
60	826.500003	0.0036	846.500005	0.0059
70	826.500007	0.0085	846.500005	0.0059
80	826.500009	0.0109	846.500009	0.0106
85	826.500006	0.0073	846.500005	0.0059

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)
4.5	829.000001	0.0012	844.000005	0.0059
4.7	828.999992	-0.0097	843.999996	-0.0047
4.9	829	0	843.999999	-0.0012

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 26840 (829 MHz)		CH 26990 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	828.999998	-0.0024	843.999997	-0.0036
-30	829	0	843.999997	-0.0036
-20	828.999991	-0.0109	843.999993	-0.0083
-10	828.999996	-0.0048	843.999991	-0.0107
0	829.000007	0.0084	844.000007	0.0083
10	828.999996	-0.0048	844	0
20	828.999999	-0.0012	843.999995	-0.0059
30	828.999991	-0.0109	843.999994	-0.0071
40	828.999995	-0.006	843.99999	-0.0118
50	829.000007	0.0084	844.000003	0.0036
60	828.999997	-0.0036	843.999992	-0.0095
70	828.99999	-0.0121	843.999993	-0.0083
80	829	0	843.999995	-0.0059
85	828.999999	-0.0012	844.000001	0.0012

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)
4.5	831.500009	0.0108	841.50001	0.0119
4.7	831.500009	0.0108	841.500004	0.0048
4.9	831.499995	-0.006	841.49999	-0.0119

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 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)
-40	831.500009	0.0108	841.50001	0.0119
-30	831.500002	0.0024	841.499997	-0.0036
-20	831.5	0	841.500001	0.0012
-10	831.5	0	841.500002	0.0024
0	831.500006	0.0072	841.500002	0.0024
10	831.5	0	841.5	0
20	831.500004	0.0048	841.500008	0.0095
30	831.500006	0.0072	841.500005	0.0059
40	831.500003	0.0036	841.499998	-0.0024
50	831.499998	-0.0024	841.500001	0.0012
60	831.500003	0.0036	841.500003	0.0036
70	831.499992	-0.0096	841.49999	-0.0119
80	831.499995	-0.006	841.499992	-0.0095
85	831.499997	-0.0036	841.499992	-0.0095

7.8.12 LTE Band 41

LTE Band 41, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 39675 (2498.5 MHz)		CH 41565 (2687.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	2498.500008	0.0032	2687.500003	0.0011
4.7	2498.500003	0.0012	2687.500007	0.0026
4.9	2498.500007	0.0028	2687.500004	0.0015

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 39675 (2498.5 MHz)		CH 41565 (2687.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2498.499995	-0.002	2687.499993	-0.0026
-30	2498.499993	-0.0028	2687.499994	-0.0022
-20	2498.500008	0.0032	2687.500006	0.0022
-10	2498.50001	0.004	2687.500008	0.003
0	2498.500003	0.0012	2687.500005	0.0019
10	2498.50001	0.004	2687.500007	0.0026
20	2498.500002	0.0008	2687.500005	0.0019
30	2498.500002	0.0008	2687.5	0
40	2498.500007	0.0028	2687.500005	0.0019
50	2498.499995	-0.002	2687.499998	-0.0007
60	2498.499999	-0.0004	2687.500002	0.0007
70	2498.5	0	2687.500001	0.0004
80	2498.499992	-0.0032	2687.499993	-0.0026
85	2498.500006	0.0024	2687.500008	0.003

LTE Band 41, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 39700 (2501 MHz)		CH 41540 (2685 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	2500.999991	-0.0036	2684.999996	-0.0015
4.7	2500.999999	-0.0004	2685.000003	0.0011
4.9	2500.999996	-0.0016	2684.999993	-0.0026

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 39700 (2501 MHz)		CH 41540 (2685 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2500.999992	-0.0032	2684.99999	-0.0037
-30	2501.000003	0.0012	2685.000007	0.0026
-20	2500.999997	-0.0012	2684.999993	-0.0026
-10	2500.999996	-0.0016	2684.999998	-0.0007
0	2501.000003	0.0012	2685	0
10	2500.999995	-0.002	2684.999999	-0.0004
20	2500.999995	-0.002	2684.999994	-0.0022
30	2501	0	2684.999998	-0.0007
40	2501.000009	0.0036	2685.000005	0.0019
50	2500.999992	-0.0032	2684.999991	-0.0034
60	2501.000008	0.0032	2685.000008	0.003
70	2501.000004	0.0016	2685.000006	0.0022
80	2500.99999	-0.004	2684.999995	-0.0019
85	2501.00001	0.004	2685.00001	0.0037

LTE Band 41, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 39725 (2503.5 MHz)		CH 41515 (2682.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	2503.5	0	2682.499998	-0.0007
4.7	2503.499991	-0.0036	2682.499993	-0.0026
4.9	2503.500005	0.002	2682.500001	0.0004

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 39725 (2503.5 MHz)		CH 41515 (2682.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2503.500004	0.0016	2682.500007	0.0026
-30	2503.499991	-0.0036	2682.499996	-0.0015
-20	2503.500003	0.0012	2682.500007	0.0026
-10	2503.499998	-0.0008	2682.499997	-0.0011
0	2503.500008	0.0032	2682.500004	0.0015
10	2503.499996	-0.0016	2682.5	0
20	2503.499995	-0.002	2682.499998	-0.0007
30	2503.499996	-0.0016	2682.499997	-0.0011
40	2503.499993	-0.0028	2682.499995	-0.0019
50	2503.500007	0.0028	2682.500009	0.0034
60	2503.499992	-0.0032	2682.499995	-0.0019
70	2503.499994	-0.0024	2682.499998	-0.0007
80	2503.499992	-0.0032	2682.49999	-0.0037
85	2503.500004	0.0016	2682.500009	0.0034

LTE Band 41, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 39750 (2506 MHz)		CH 41490 (2680 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	2505.999993	-0.0028	2679.99999	-0.0037
4.7	2505.999997	-0.0012	2680	0
4.9	2506.000004	0.0016	2680.000002	0.0007

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 39750 (2506 MHz)		CH 41490 (2680 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2505.999996	-0.0016	2680	0
-30	2505.999991	-0.0036	2679.99999	-0.0037
-20	2506.000001	0.0004	2680	0
-10	2506.00001	0.004	2680.000007	0.0026
0	2506.000007	0.0028	2680.000005	0.0019
10	2506.000006	0.0024	2680.00001	0.0037
20	2505.999995	-0.002	2679.999998	-0.0007
30	2506.000005	0.002	2680.000001	0.0004
40	2506.000007	0.0028	2680.000009	0.0034
50	2505.999995	-0.002	2679.999998	-0.0007
60	2505.999998	-0.0008	2679.999997	-0.0011
70	2505.99999	-0.004	2679.999993	-0.0026
80	2505.999994	-0.0024	2679.999997	-0.0011
85	2506.000002	0.0008	2680.000006	0.0022

7.8.13 LTE Band 66

LTE Band 66, Channel Bandwidth: 1.4 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 131979 (1710.7 MHz)		CH 132665 (1779.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1710.699992	-0.0047	1779.299995	-0.0028
4.7	1710.700005	0.0029	1779.300005	0.0028
4.9	1710.7	0	1779.299995	-0.0028

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 131979 (1710.7 MHz)		CH 132665 (1779.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1710.699994	-0.0035	1779.299993	-0.0039
-30	1710.700009	0.0053	1779.300008	0.0045
-20	1710.700009	0.0053	1779.300008	0.0045
-10	1710.700005	0.0029	1779.30001	0.0056
0	1710.700005	0.0029	1779.300007	0.0039
10	1710.700002	0.0012	1779.300006	0.0034
20	1710.700008	0.0047	1779.300006	0.0034
30	1710.69999	-0.0058	1779.299993	-0.0039
40	1710.699995	-0.0029	1779.299995	-0.0028
50	1710.700006	0.0035	1779.300009	0.0051
60	1710.699995	-0.0029	1779.299993	-0.0039
70	1710.699999	-0.0006	1779.300003	0.0017
80	1710.700001	0.0006	1779.299997	-0.0017
85	1710.699998	-0.0012	1779.299993	-0.0039

LTE Band 66, Channel Bandwidth: 3 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 131987 (1711.5 MHz)		CH 132657 (1778.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1711.499993	-0.0041	1778.499993	-0.0039
4.7	1711.500004	0.0023	1778.500004	0.0022
4.9	1711.499992	-0.0047	1778.499997	-0.0017

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 131987 (1711.5 MHz)		CH 132657 (1778.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1711.49999	-0.0058	1778.499995	-0.0028
-30	1711.499991	-0.0053	1778.499994	-0.0034
-20	1711.500003	0.0018	1778.500006	0.0034
-10	1711.499997	-0.0018	1778.500001	0.0006
0	1711.500002	0.0012	1778.500006	0.0034
10	1711.50001	0.0058	1778.500005	0.0028
20	1711.500008	0.0047	1778.500007	0.0039
30	1711.500008	0.0047	1778.500008	0.0045
40	1711.499994	-0.0035	1778.49999	-0.0056
50	1711.500008	0.0047	1778.500006	0.0034
60	1711.500003	0.0018	1778.500003	0.0017
70	1711.500005	0.0029	1778.500009	0.0051
80	1711.500002	0.0012	1778.500003	0.0017
85	1711.499997	-0.0018	1778.499993	-0.0039

LTE Band 66, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 131997 (1712.5 MHz)		CH 132647 (1777.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1712.500002	0.0012	1777.499997	-0.0017
4.7	1712.499996	-0.0023	1777.499997	-0.0017
4.9	1712.499994	-0.0035	1777.499994	-0.0034

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 131997 (1712.5 MHz)		CH 132647 (1777.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1712.499995	-0.0029	1777.499993	-0.0039
-30	1712.500007	0.0041	1777.500008	0.0045
-20	1712.500001	0.0006	1777.5	0
-10	1712.500006	0.0035	1777.500008	0.0045
0	1712.499994	-0.0035	1777.499995	-0.0028
10	1712.499991	-0.0053	1777.499991	-0.0051
20	1712.500004	0.0023	1777.5	0
30	1712.499992	-0.0047	1777.49999	-0.0056
40	1712.5	0	1777.499999	-0.0006
50	1712.500009	0.0053	1777.500007	0.0039
60	1712.500002	0.0012	1777.499997	-0.0017
70	1712.499998	-0.0012	1777.499996	-0.0023
80	1712.499991	-0.0053	1777.499993	-0.0039
85	1712.500007	0.0041	1777.500005	0.0028

LTE Band 66, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 132022 (1715 MHz)		CH 132622 (1775 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1715.000008	0.0047	1775.000009	0.0051
4.7	1715	0	1775.000001	0.0006
4.9	1714.999994	-0.0035	1774.999994	-0.0034

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 132022 (1715 MHz)		CH 132622 (1775 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1714.999999	-0.0006	1775.000002	0.0011
-30	1715.000007	0.0041	1775.000006	0.0034
-20	1715	0	1774.999999	-0.0006
-10	1714.999991	-0.0052	1774.999993	-0.0039
0	1715.000005	0.0029	1775.000001	0.0006
10	1715.000004	0.0023	1775.000007	0.0039
20	1714.999991	-0.0052	1774.999991	-0.0051
30	1715.000003	0.0017	1775.000002	0.0011
40	1714.999993	-0.0041	1774.999995	-0.0028
50	1714.999992	-0.0047	1774.999991	-0.0051
60	1714.999995	-0.0029	1774.999996	-0.0023
70	1714.999996	-0.0023	1774.999995	-0.0028
80	1715.000008	0.0047	1775.000007	0.0039
85	1715.000002	0.0012	1775.000002	0.0011

LTE Band 66, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 132047 (1717.5 MHz)		CH 132597 (1772.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1717.500007	0.0041	1772.50001	0.0056
4.7	1717.499995	-0.0029	1772.499996	-0.0023
4.9	1717.499992	-0.0047	1772.499997	-0.0017

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 132047 (1717.5 MHz)		CH 132597 (1772.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1717.500008	0.0047	1772.500004	0.0023
-30	1717.499999	-0.0006	1772.500001	0.0006
-20	1717.499993	-0.0041	1772.499997	-0.0017
-10	1717.499992	-0.0047	1772.499992	-0.0045
0	1717.499999	-0.0006	1772.499994	-0.0034
10	1717.499991	-0.0052	1772.499993	-0.0039
20	1717.499991	-0.0052	1772.499993	-0.0039
30	1717.500004	0.0023	1772.500008	0.0045
40	1717.500008	0.0047	1772.500006	0.0034
50	1717.499998	-0.0012	1772.499998	-0.0011
60	1717.500004	0.0023	1772.500002	0.0011
70	1717.5	0	1772.5	0
80	1717.500006	0.0035	1772.50001	0.0056
85	1717.500009	0.0052	1772.500009	0.0051

LTE Band 66, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 132072 (1720 MHz)		CH 132572 (1770 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1720.000001	0.0006	1770	0
4.7	1719.999992	-0.0047	1769.999995	-0.0028
4.9	1720.000006	0.0035	1770.000003	0.0017

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 132072 (1720 MHz)		CH 132572 (1770 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1720.000005	0.0029	1770.000008	0.0045
-30	1719.999992	-0.0047	1769.999995	-0.0028
-20	1720.000009	0.0052	1770.000008	0.0045
-10	1719.999999	-0.0006	1770.000004	0.0023
0	1719.999993	-0.0041	1769.99999	-0.0056
10	1720.000004	0.0023	1770	0
20	1720.000004	0.0023	1770.000001	0.0006
30	1720	0	1769.999995	-0.0028
40	1720	0	1770.000002	0.0011
50	1720.000002	0.0012	1770.000007	0.004
60	1720.000003	0.0017	1769.999999	-0.0006
70	1720.000005	0.0029	1770.00001	0.0056
80	1719.999992	-0.0047	1769.999994	-0.0034
85	1720.000001	0.0006	1770.000004	0.0023

7.8.14 LTE Band 71

LTE Band 71, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133147 (665.5 MHz)		CH 133447 (695.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	665.50001	0.015	695.500005	0.0072
4.7	665.499994	-0.009	695.499996	-0.0058
4.9	665.500001	0.0015	695.499997	-0.0043

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 133147 (665.5 MHz)		CH 133447 (695.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	665.499993	-0.0105	695.499996	-0.0058
-30	665.500008	0.012	695.500006	0.0086
-20	665.499999	-0.0015	695.499996	-0.0058
-10	665.500007	0.0105	695.500009	0.0129
0	665.500005	0.0075	695.500007	0.0101
10	665.500006	0.009	695.500006	0.0086
20	665.500003	0.0045	695.500006	0.0086
30	665.499992	-0.012	695.499993	-0.0101
40	665.500002	0.003	695.500006	0.0086
50	665.500005	0.0075	695.500008	0.0115
60	665.500003	0.0045	695.499999	-0.0014
70	665.500003	0.0045	695.500001	0.0014
80	665.499994	-0.009	695.499998	-0.0029
85	665.500003	0.0045	695.499998	-0.0029

LTE Band 71, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133172 (668 MHz)		CH 133422 (693 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	668.000007	0.0105	693.000009	0.013
4.7	668.000009	0.0135	693.000005	0.0072
4.9	668.000006	0.009	693.000009	0.013

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 133172 (668 MHz)		CH 133422 (693 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	668.000001	0.0015	693.000002	0.0029
-30	667.999992	-0.012	692.99999	-0.0144
-20	668	0	692.999995	-0.0072
-10	667.999998	-0.003	692.999993	-0.0101
0	668	0	693.000003	0.0043
10	667.999991	-0.0135	692.999994	-0.0087
20	668.000006	0.009	693.000008	0.0115
30	667.99999	-0.015	692.999995	-0.0072
40	667.999998	-0.003	692.999994	-0.0087
50	667.999996	-0.006	692.999995	-0.0072
60	667.999996	-0.006	692.999996	-0.0058
70	668.000008	0.012	693.000005	0.0072
80	667.999997	-0.0045	692.999997	-0.0043
85	668.000009	0.0135	693.00001	0.0144

LTE Band 71, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133197 (670.5 MHz)		CH 133397 (690.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	670.499993	-0.0104	690.499993	-0.0101
4.7	670.499992	-0.0119	690.499992	-0.0116
4.9	670.500001	0.0015	690.499998	-0.0029

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 133197 (670.5 MHz)		CH 133397 (690.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	670.499991	-0.0134	690.499996	-0.0058
-30	670.499993	-0.0104	690.499996	-0.0058
-20	670.500004	0.006	690.500008	0.0116
-10	670.499999	-0.0015	690.500003	0.0043
0	670.500003	0.0045	690.500008	0.0116
10	670.499991	-0.0134	690.499992	-0.0116
20	670.499998	-0.003	690.500003	0.0043
30	670.500001	0.0015	690.499999	-0.0014
40	670.499994	-0.0089	690.499999	-0.0014
50	670.499997	-0.0045	690.499994	-0.0087
60	670.50001	0.0149	690.500008	0.0116
70	670.499999	-0.0015	690.499995	-0.0072
80	670.499992	-0.0119	690.499996	-0.0058
85	670.500002	0.003	690.499998	-0.0029

LTE Band 71, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133222 (673 MHz)		CH 133372 (688 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	673.000007	0.0104	688.000003	0.0044
4.7	672.999997	-0.0045	688.000002	0.0029
4.9	672.999997	-0.0045	687.999993	-0.0102

Note: The applicant defined the normal working voltage is from 4.5 to 4.9 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 133222 (673 MHz)		CH 133372 (688 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	672.999993	-0.0104	687.999994	-0.0087
-30	672.999998	-0.003	687.999997	-0.0044
-20	672.999995	-0.0074	687.999996	-0.0058
-10	673.000001	0.0015	688.000006	0.0087
0	672.999998	-0.003	688.000002	0.0029
10	673.00001	0.0149	688.000008	0.0116
20	672.999994	-0.0089	687.999994	-0.0087
30	673.000008	0.0119	688.000005	0.0073
40	672.999996	-0.0059	687.999993	-0.0102
50	673.000005	0.0074	688.000001	0.0015
60	672.999998	-0.003	688.000001	0.0015
70	672.999993	-0.0104	687.999996	-0.0058
80	672.999999	-0.0015	688	0
85	673.000003	0.0045	688.000004	0.0058

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.

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

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