

Mode	TX channel 23130 (711.0MHz)	Frequency Range	1GHz ~ 9GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-60.97	-13.00	-47.97	3.36 H	2	60.21	-121.18
2	2133.00	-59.74	-13.00	-46.74	2.25 H	156	60.12	-119.86
3	2844.00	-59.62	-13.00	-46.62	1.96 H	323	59.55	-119.17
4	3555.00	-50.84	-13.00	-37.84	2.78 H	313	67.19	-118.03
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	-60.76	-13.00	-47.76	3.26 V	348	60.42	-121.18
2	2133.00	-58.33	-13.00	-45.33	3.07 V	19	61.53	-119.86
3	2844.00	-58.92	-13.00	-45.92	2.18 V	329	60.25	-119.17
4	3555.00	-42.00	-13.00	-29.00	2.85 V	180	76.03	-118.03

Remarks:

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

LTE Band 17 (Channel Bandwidth 5MHz)

Mode	TX channel 23755 (706.5MHz)	Frequency Range	1GHz ~ 8GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-61.40	-13.00	-48.40	3.24 H	36	59.74	-121.14
2	2119.50	-60.04	-13.00	-47.04	2.12 H	309	60.01	-120.05
3	2826.00	-59.70	-13.00	-46.70	1.61 H	215	59.47	-119.17
4	3532.50	-48.53	-13.00	-35.53	2.66 H	137	69.58	-118.11
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	-61.38	-13.00	-48.38	1.67 V	302	59.76	-121.14
2	2119.50	-58.57	-13.00	-45.57	1.82 V	95	61.48	-120.05
3	2826.00	-59.08	-13.00	-46.08	3.13 V	126	60.09	-119.17
4	3532.50	-40.29	-13.00	-27.29	2.22 V	191	77.82	-118.11

Remarks:

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

Mode	TX channel 23790 (710.0MHz)	Frequency Range	1GHz ~ 8GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-61.99	-13.00	-48.99	3.13 H	74	59.18	-121.17
2	2130.00	-60.50	-13.00	-47.50	1.65 H	24	59.39	-119.89
3	2840.00	-58.81	-13.00	-45.81	1.81 H	192	60.37	-119.18
4	3550.00	-48.45	-13.00	-35.45	2.93 H	146	69.59	-118.04
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	1420.00	-61.45	-13.00	-48.45	2.21 V	265	59.72	-121.17
2	2130.00	-59.04	-13.00	-46.04	1.99 V	14	60.85	-119.89
3	2840.00	-58.15	-13.00	-45.15	2.79 V	11	61.03	-119.18
4	3550.00	-40.52	-13.00	-27.52	1.83 V	211	77.52	-118.04

Remarks:

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

Mode	TX channel 23825 (713.5MHz)	Frequency Range	1GHz ~ 8GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-61.69	-13.00	-48.69	1.46 H	136	59.51	-121.20
2	2140.50	-57.27	-13.00	-44.27	2.41 H	170	62.48	-119.75
3	2854.00	-59.54	-13.00	-46.54	1.66 H	217	59.63	-119.17
4	3567.50	-50.77	-13.00	-37.77	2.11 H	75	67.23	-118.00
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	-60.97	-13.00	-47.97	2.19 V	85	60.23	-121.20
2	2140.50	-59.39	-13.00	-46.39	3.32 V	61	60.36	-119.75
3	2854.00	-58.98	-13.00	-45.98	3.16 V	93	60.19	-119.17
4	3567.50	-40.23	-13.00	-27.23	1.72 V	202	77.77	-118.00

Remarks:

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

LTE Band 17 (Channel Bandwidth 10MHz)

Mode	TX channel 23780 (709.0MHz)	Frequency Range	1GHz ~ 8GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-61.03	-13.00	-48.03	3.32 H	14	60.13	-121.16
2	2127.00	-59.62	-13.00	-46.62	2.09 H	313	60.32	-119.94
3	2836.00	-59.33	-13.00	-46.33	1.57 H	212	59.85	-119.18
4	3545.00	-48.09	-13.00	-35.09	2.64 H	132	69.97	-118.06
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	1418.00	-61.16	-13.00	-48.16	1.56 V	309	60.00	-121.16
2	2127.00	-57.88	-13.00	-44.88	1.87 V	96	62.06	-119.94
3	2836.00	-58.71	-13.00	-45.71	3.09 V	116	60.47	-119.18
4	3545.00	-39.96	-13.00	-26.96	2.24 V	187	78.10	-118.06

Remarks:

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

Mode	TX channel 23790 (710.0MHz)	Frequency Range	1GHz ~ 8GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-61.58	-13.00	-48.58	3.26 H	55	59.59	-121.17
2	2130.00	-60.05	-13.00	-47.05	1.55 H	13	59.84	-119.89
3	2840.00	-58.40	-13.00	-45.40	1.78 H	186	60.78	-119.18
4	3550.00	-48.13	-13.00	-35.13	2.99 H	141	69.91	-118.04
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	1420.00	-61.00	-13.00	-48.00	2.23 V	268	60.17	-121.17
2	2130.00	-58.81	-13.00	-45.81	1.97 V	2	61.08	-119.89
3	2840.00	-57.96	-13.00	-44.96	2.76 V	2	61.22	-119.18
4	3550.00	-40.21	-13.00	-27.21	1.78 V	210	77.83	-118.04

Remarks:

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

Mode	TX channel 23800 (711.0MHz)	Frequency Range	1GHz ~ 8GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-61.33	-13.00	-48.33	1.43 H	131	59.85	-121.18
2	2133.00	-57.05	-13.00	-44.05	2.38 H	164	62.81	-119.86
3	2844.00	-59.25	-13.00	-46.25	1.69 H	212	59.92	-119.17
4	3555.00	-50.48	-13.00	-37.48	2.33 H	70	67.55	-118.03
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	-60.60	-13.00	-47.60	2.16 V	81	60.58	-121.18
2	2133.00	-59.16	-13.00	-46.16	3.28 V	53	60.70	-119.86
3	2844.00	-58.63	-13.00	-45.63	3.11 V	82	60.54	-119.17
4	3555.00	-39.95	-13.00	-26.95	1.76 V	200	78.08	-118.03

Remarks:

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

LTE Band 66 (Channel Bandwidth 1.4MHz)

Mode	TX channel 131979 (1710.7MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-58.24	-13.00	-45.24	2.47 H	173	58.23	-116.47
2	5132.10	-54.88	-13.00	-41.88	2.35 H	116	57.02	-111.90
3	6842.80	-53.33	-13.00	-40.33	1.75 H	83	54.76	-108.09
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	-49.11	-13.00	-36.11	1.45 V	216	67.36	-116.47
2	5132.10	-51.43	-13.00	-38.43	1.39 V	205	60.47	-111.90
3	6842.80	-50.86	-13.00	-37.86	2.06 V	319	57.23	-108.09

Remarks:

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

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-55.62	-13.00	-42.62	1.63 H	165	60.54	-116.16
2	5235.00	-52.31	-13.00	-39.31	3.39 H	307	59.58	-111.89
3	6980.00	-50.12	-13.00	-37.12	3.04 H	88	57.55	-107.67
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	-44.63	-13.00	-31.63	2.56 V	220	71.53	-116.16
2	5235.00	-47.30	-13.00	-34.30	3.23 V	191	64.59	-111.89
3	6980.00	-47.65	-13.00	-34.65	3.23 V	267	60.02	-107.67

Remarks:

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

Mode	TX channel 132665 (1779.3MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-56.64	-13.00	-43.64	3.41 H	209	59.23	-115.87
2	5337.90	-55.74	-13.00	-42.74	2.11 H	314	56.08	-111.82
3	7117.20	-50.44	-13.00	-37.44	2.49 H	175	56.26	-106.70
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	-43.68	-13.00	-30.68	2.42 V	209	72.19	-115.87
2	5337.90	-52.48	-13.00	-39.48	2.11 V	173	59.34	-111.82
3	7117.20	-51.61	-13.00	-38.61	3.03 V	40	55.09	-106.70

Remarks:

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

LTE Band 66 (Channel Bandwidth 5MHz)

Mode	TX channel 131997 (1712.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-57.81	-13.00	-44.81	2.44 H	169	58.65	-116.46
2	5137.50	-54.60	-13.00	-41.60	2.33 H	111	57.33	-111.93
3	6850.00	-52.92	-13.00	-39.92	1.71 H	81	55.12	-108.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3425.00	-48.73	-13.00	-35.73	1.41 V	212	67.73	-116.46
2	5137.50	-51.07	-13.00	-38.07	1.35 V	202	60.86	-111.93
3	6850.00	-50.52	-13.00	-37.52	2.03 V	315	57.52	-108.04

Remarks:

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

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-55.23	-13.00	-42.23	1.55 H	162	60.93	-116.16
2	5235.00	-51.93	-13.00	-38.93	3.36 H	328	59.96	-111.89
3	6980.00	-49.76	-13.00	-36.76	3.01 H	79	57.91	-107.67
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	-44.30	-13.00	-31.30	2.51 V	212	71.86	-116.16
2	5235.00	-47.01	-13.00	-34.01	3.21 V	183	64.88	-111.89
3	6980.00	-47.32	-13.00	-34.32	3.19 V	264	60.35	-107.67

Remarks:

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

Mode	TX channel 132647 (1777.5MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-56.34	-13.00	-43.34	3.36 H	204	59.54	-115.88
2	5332.50	-55.47	-13.00	-42.47	2.08 H	304	56.37	-111.84
3	7110.00	-49.91	-13.00	-36.91	2.44 H	171	56.78	-106.69
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	-43.35	-13.00	-30.35	2.45 V	203	72.53	-115.88
2	5332.50	-51.88	-13.00	-38.88	2.05 V	169	59.96	-111.84
3	7110.00	-51.24	-13.00	-38.24	2.93 V	31	55.45	-106.69

Remarks:

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

LTE Band 66 (Channel Bandwidth 20MHz)

Mode	TX channel 132072 (1720.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-57.38	-13.00	-44.38	2.41 H	166	59.06	-116.44
2	5160.00	-54.26	-13.00	-41.26	2.37 H	107	57.70	-111.96
3	6880.00	-52.37	-13.00	-39.37	1.68 H	67	55.51	-107.88
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	-48.44	-13.00	-35.44	1.37 V	209	68.00	-116.44
2	5160.00	-50.72	-13.00	-37.72	1.31 V	198	61.24	-111.96
3	6880.00	-49.85	-13.00	-36.85	2.05 V	307	58.03	-107.88

Remarks:

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

Mode	TX channel 132322 (1745.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-54.82	-13.00	-41.82	1.53 H	160	61.34	-116.16
2	5235.00	-51.57	-13.00	-38.57	3.32 H	335	60.32	-111.89
3	6980.00	-49.42	-13.00	-36.42	2.95 H	74	58.25	-107.67
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	-44.01	-13.00	-31.01	2.46 V	205	72.15	-116.16
2	5235.00	-46.66	-13.00	-33.66	3.33 V	179	65.23	-111.89
3	6980.00	-46.91	-13.00	-33.91	3.15 V	261	60.76	-107.67

Remarks:

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

Mode	TX channel 132572 (1770.0MHz)	Frequency Range	1GHz ~ 18GHz
Environmental Conditions	22deg. C, 64%RH	Input Power	4.0Vdc
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	-55.94	-13.00	-42.94	3.42 H	201	59.99	-115.93
2	5310.00	-55.17	-13.00	-42.17	2.03 H	301	56.74	-111.91
3	7080.00	-49.70	-13.00	-36.70	2.41 H	166	57.12	-106.82
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	3540.00	-43.09	-13.00	-30.09	2.43 V	199	72.84	-115.93
2	5310.00	-51.57	-13.00	-38.57	2.01 V	164	60.34	-111.91
3	7080.00	-51.09	-13.00	-38.09	2.86 V	2	55.73	-106.82

Remarks:

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

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – 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 and approved 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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