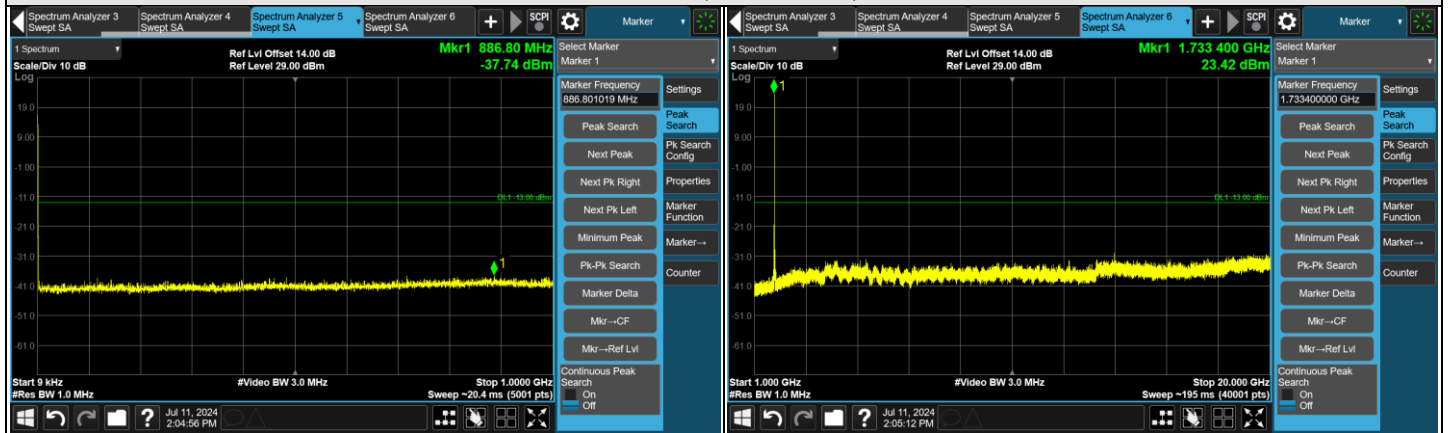


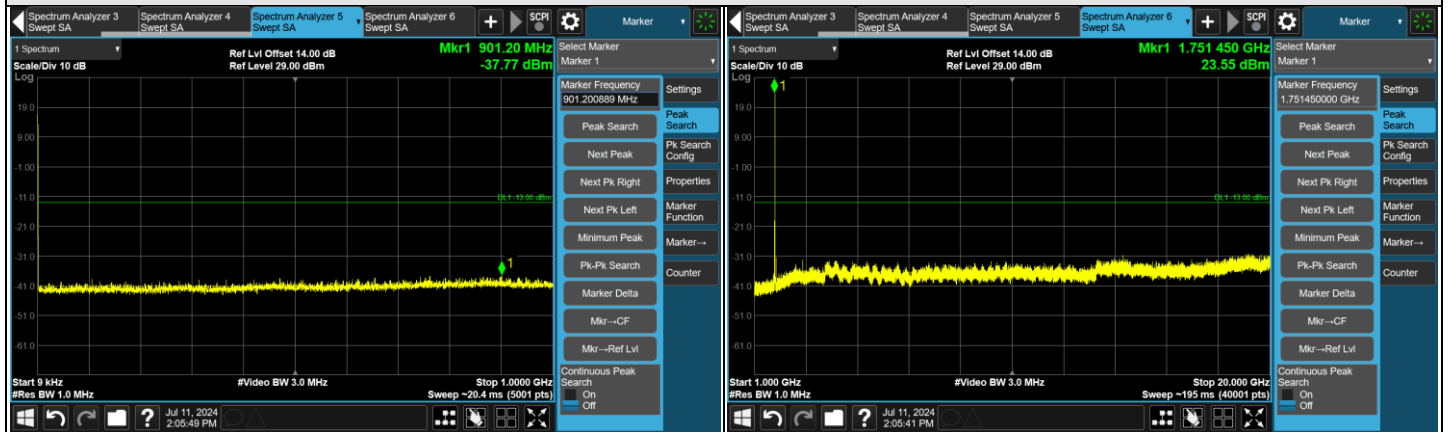
HSUPA



CH 1312 (1712.4 MHz)



CH 1413 (1732.6 MHz)

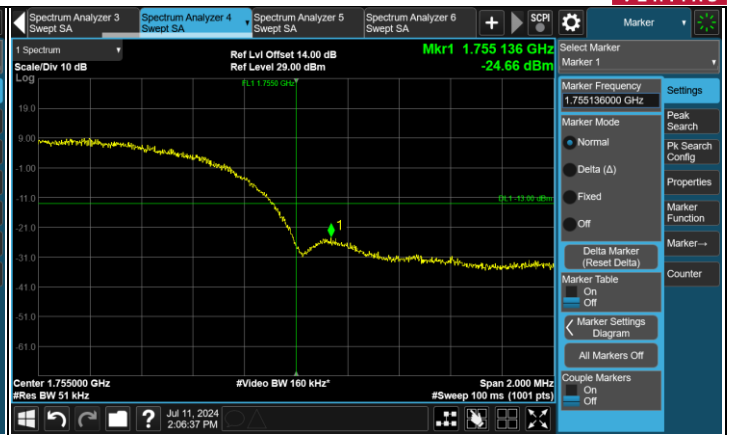


CH 1513 (1752.6 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.



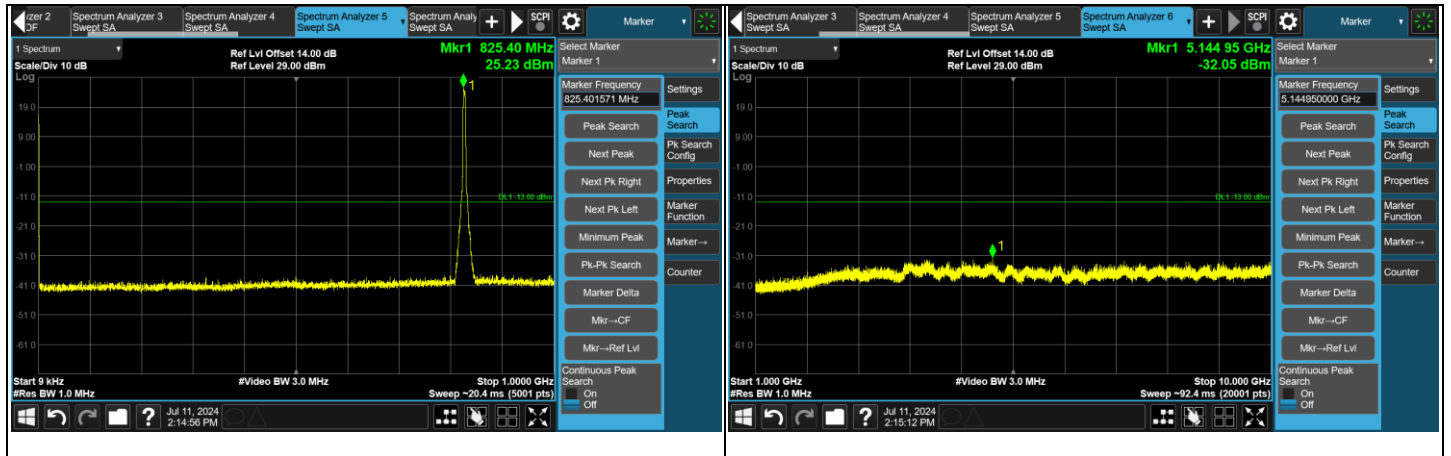
CH 1312 (1712.4 MHz)



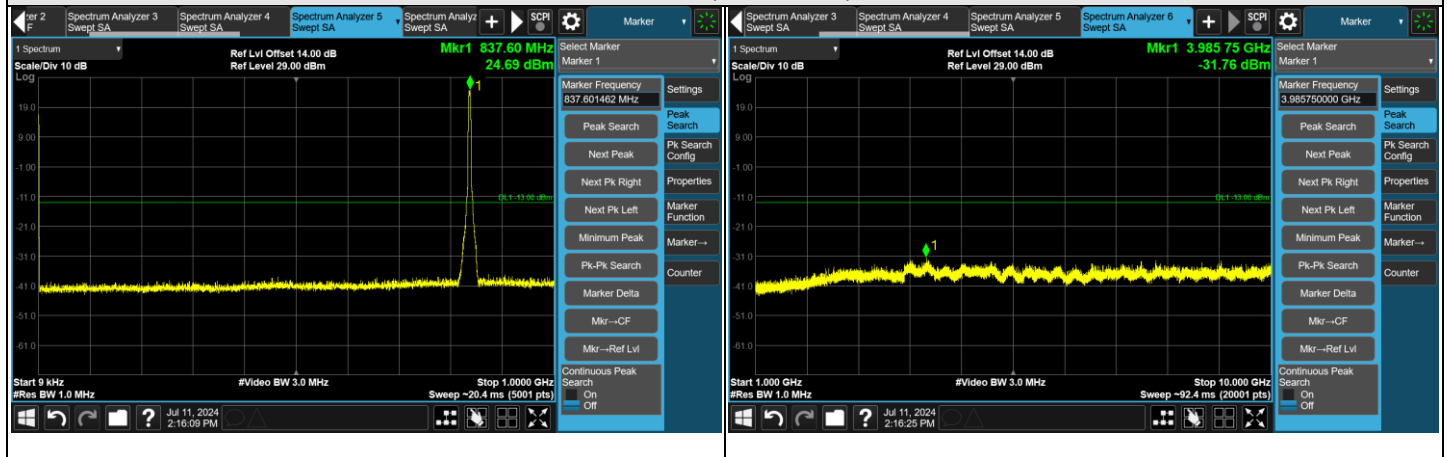
CH 1513 (1752.6 MHz)

7.5.5 WCDMA Band 5

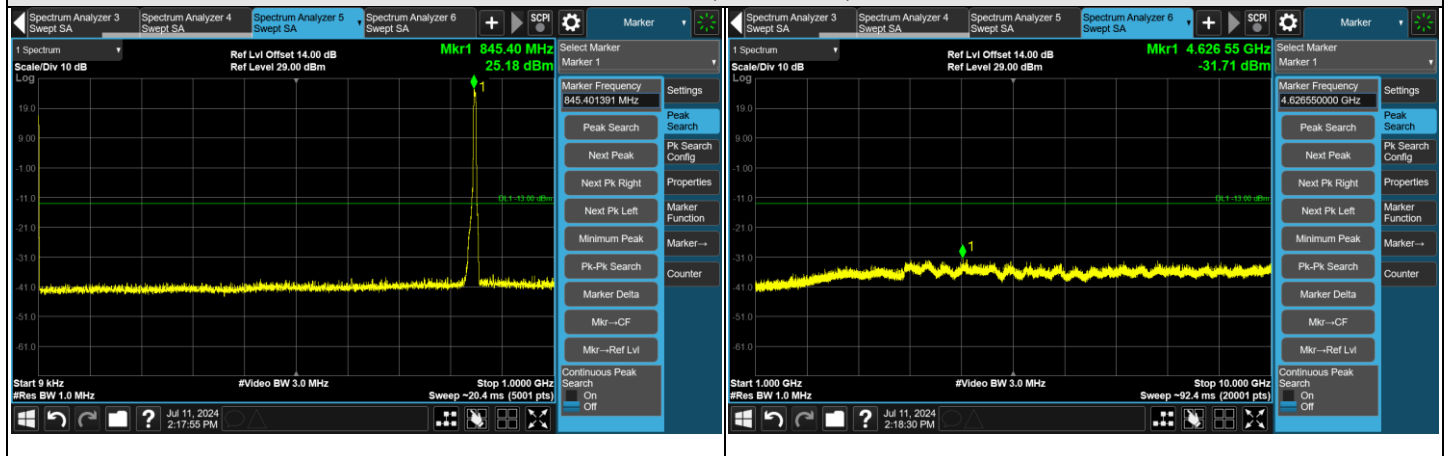
WCDMA



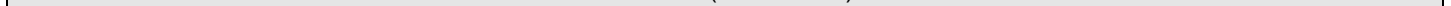
CH 4132 (826.4 MHz)



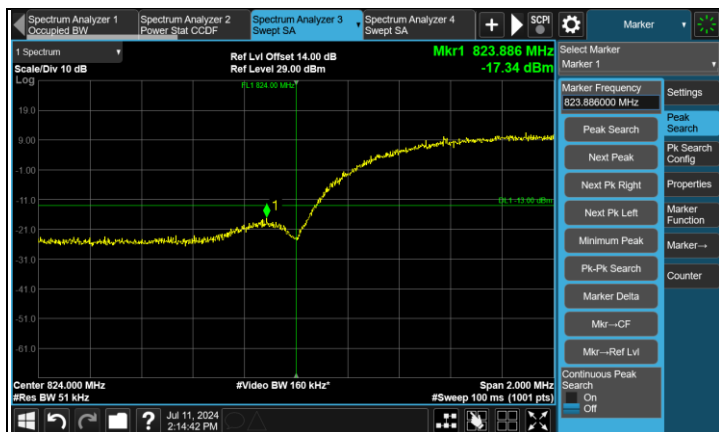
CH 4182 (836.4 MHz)



CH 4223 (846.6 MHz)



Note: The signal at 9 kHz is IF signal from spectrum analyzer.



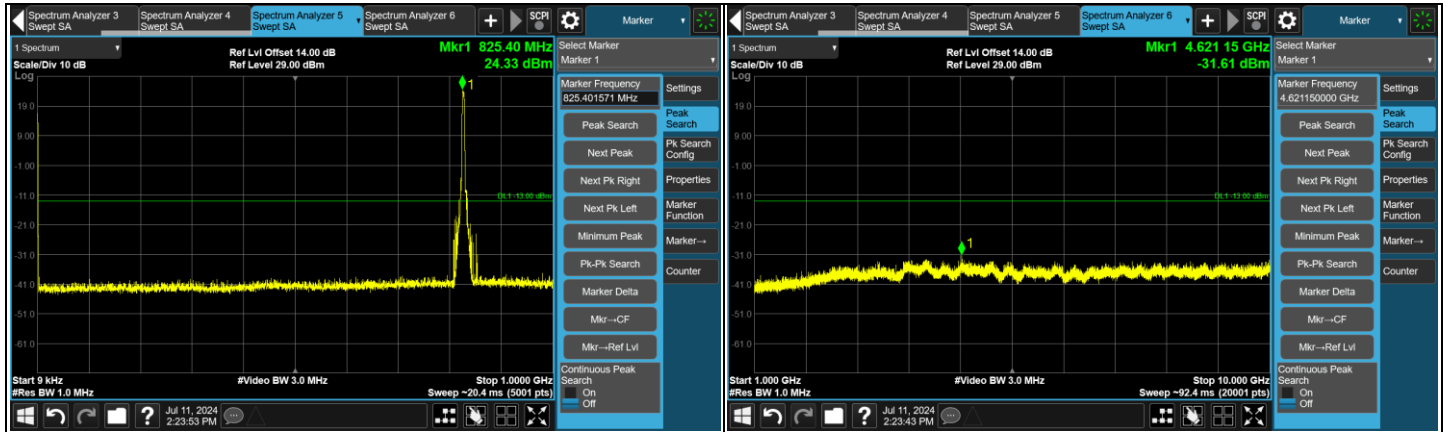
CH 4132 (826.4 MHz)



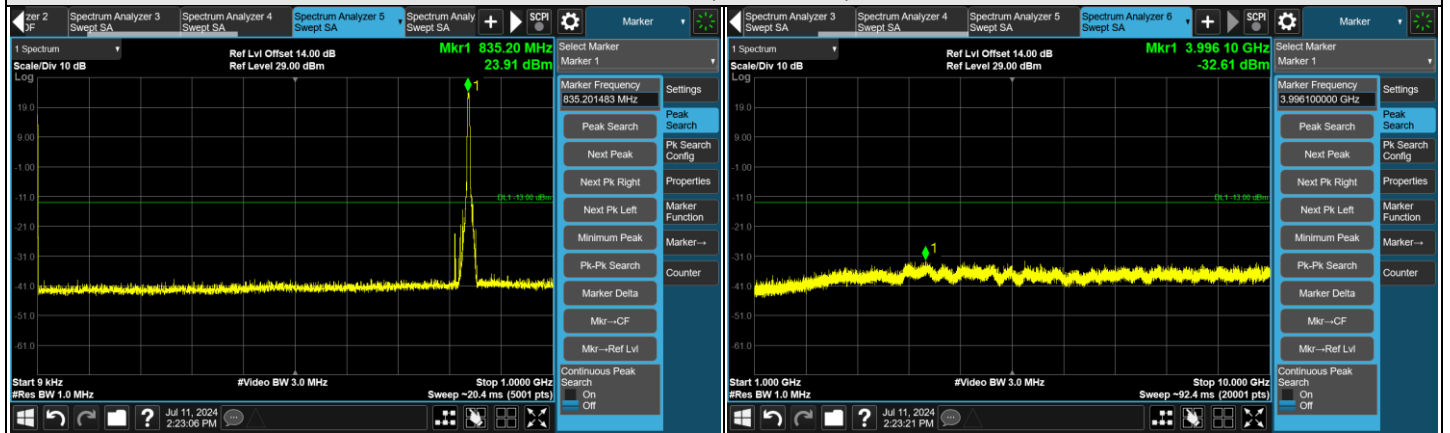
CH 4223 (846.6 MHz)



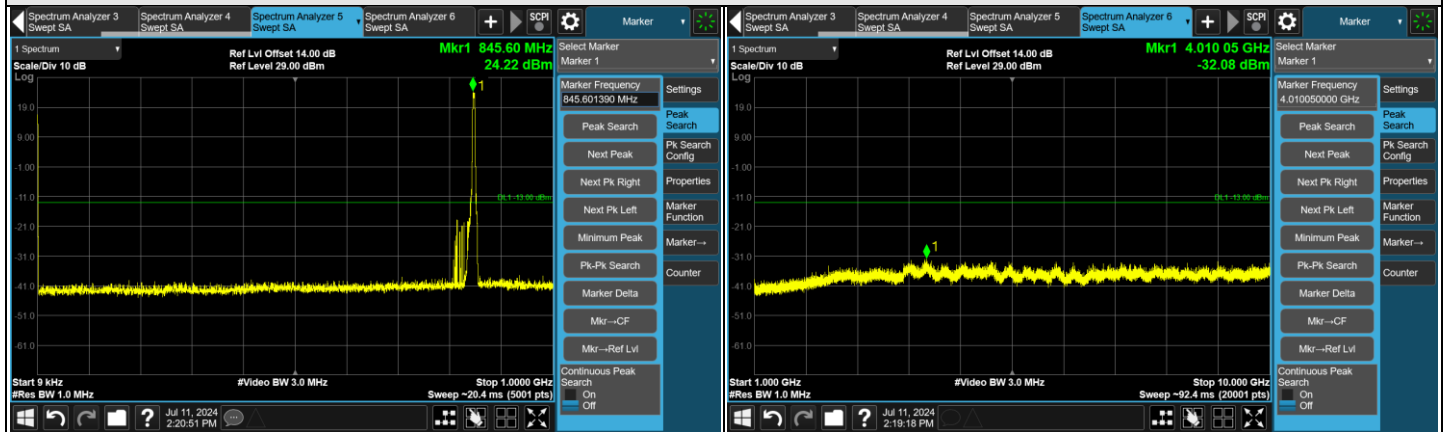
HSDPA



CH 4132 (826.4 MHz)



CH 4182 (836.4 MHz)

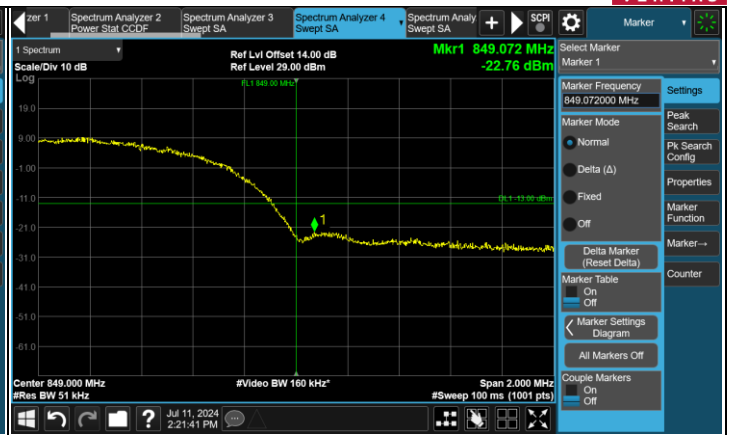


CH 4223 (846.6 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

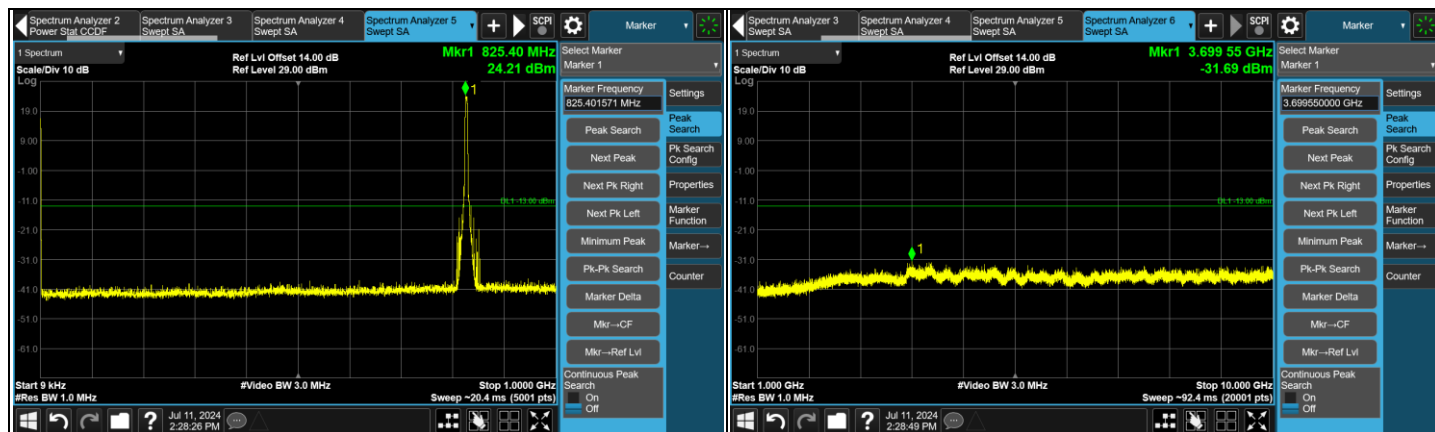


CH 4132 (826.4 MHz)

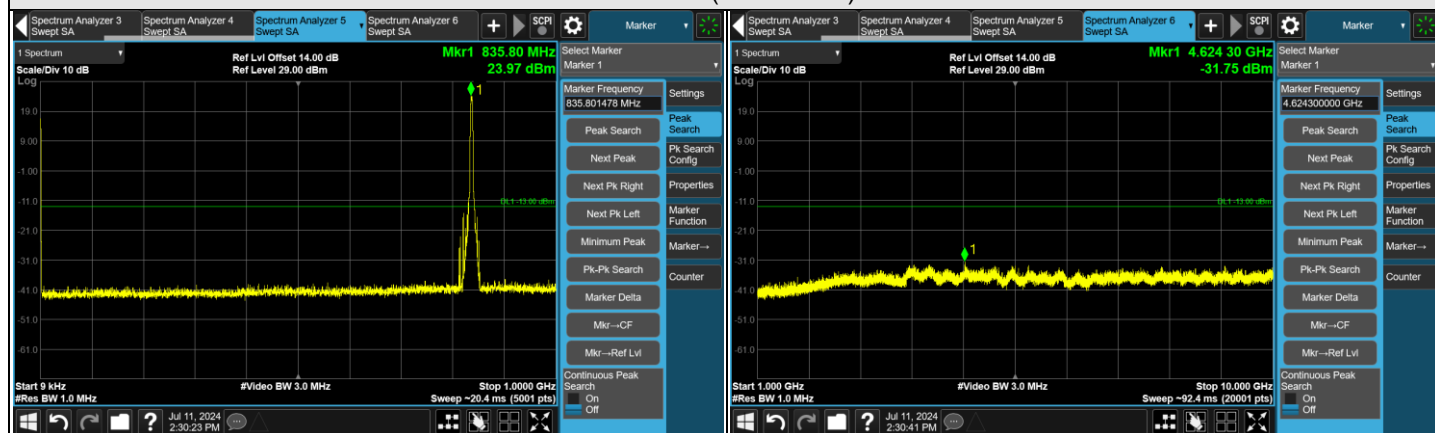


CH 4223 (846.6 MHz)

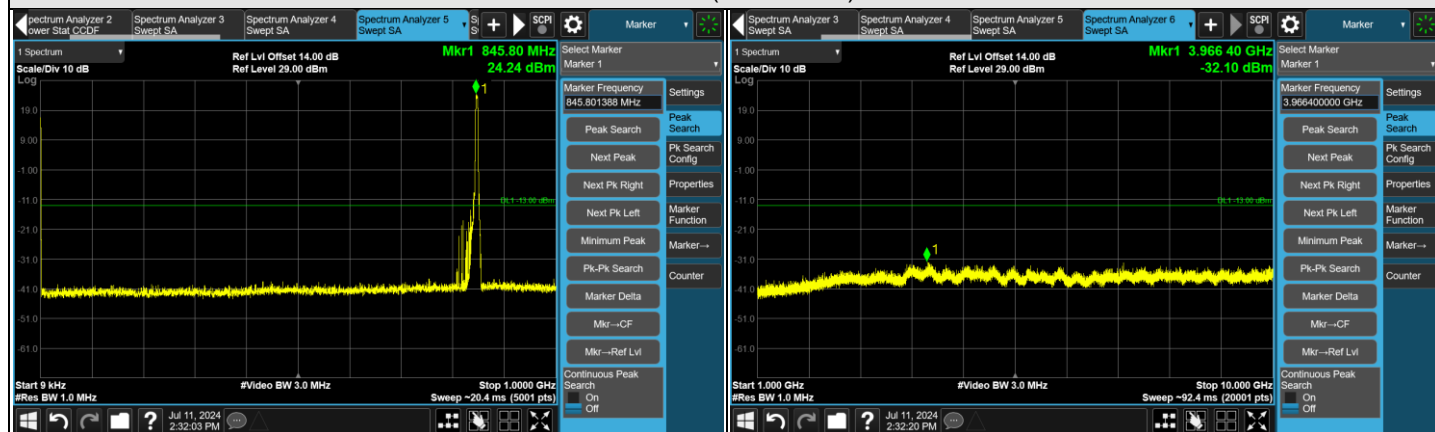
HSUPA



CH 4132 (826.4 MHz)



CH 4182 (836.4 MHz)

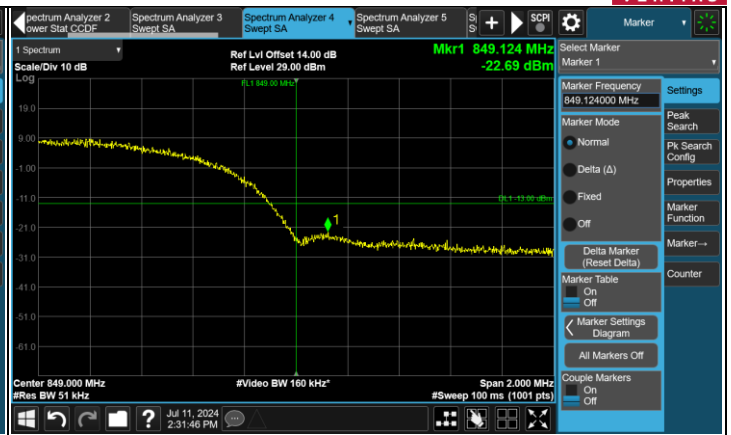


CH 4223 (846.6 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.



CH 4132 (826.4 MHz)



CH 4223 (846.6 MHz)

7.6 Radiated Spurious Emissions below 1GHz

7.6.1 GSM 850

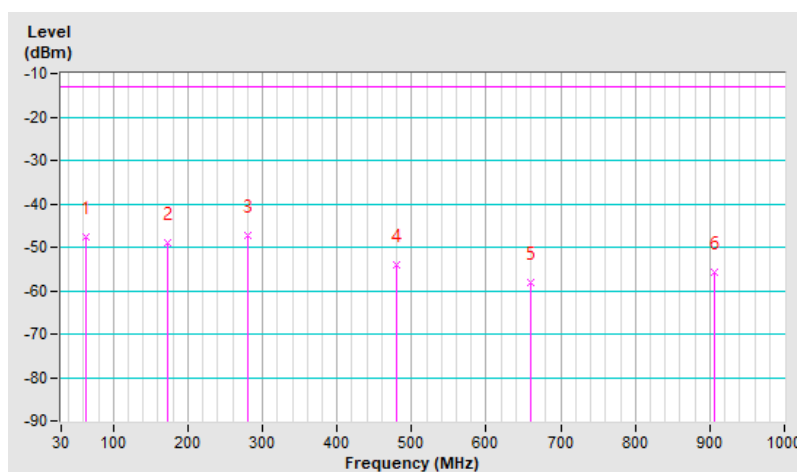
With shielding case

RF Mode	GSM 850	Channel	CH 189 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-47.67	-13.00	-34.67	2.00 H	49	63.15	-110.82
2	173.56	-49.05	-13.00	-36.05	1.00 H	77	61.82	-110.87
3	281.23	-47.21	-13.00	-34.21	1.50 H	184	62.78	-109.99
4	479.11	-54.07	-13.00	-41.07	2.00 H	300	50.86	-104.93
5	659.53	-57.98	-13.00	-44.98	1.00 H	187	43.40	-101.38
6	905.91	-55.73	-13.00	-42.73	1.00 H	178	42.32	-98.05

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 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.

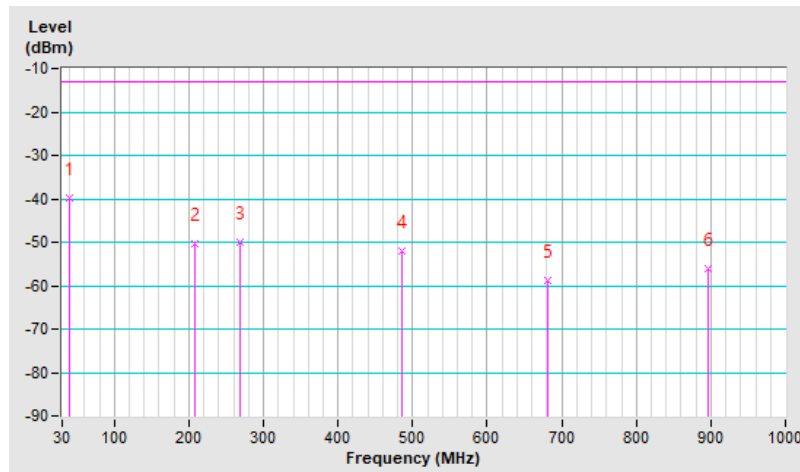


RF Mode	GSM 850	Channel	CH 189 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	40.67	-39.84	-13.00	-26.84	1.00 V	86	70.29	-110.13
2	208.48	-50.47	-13.00	-37.47	1.50 V	180	62.80	-113.27
3	267.65	-49.99	-13.00	-36.99	1.00 V	244	60.57	-110.56
4	485.90	-51.94	-13.00	-38.94	2.00 V	83	52.81	-104.75
5	681.84	-58.94	-13.00	-45.94	1.00 V	91	42.06	-101.00
6	896.21	-56.13	-13.00	-43.13	2.00 V	203	42.05	-98.18

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 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.

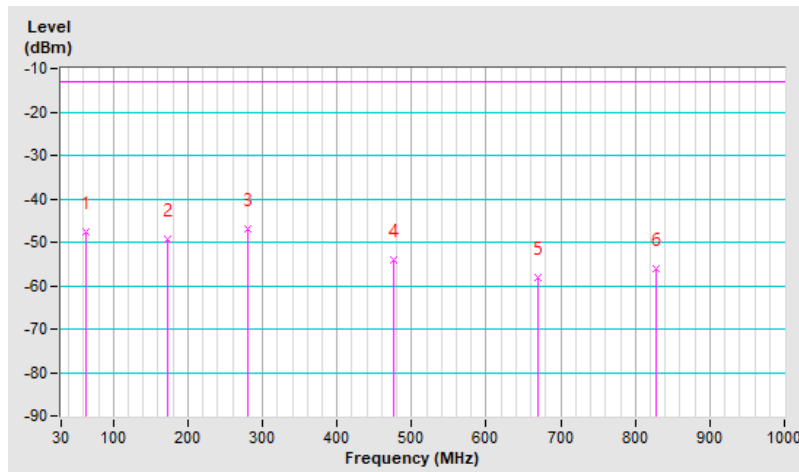


RF Mode	EDGE 850	Channel	CH 189 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	-47.59	-13.00	-34.59	2.00 H	208	63.68	-111.27
2	172.59	-49.18	-13.00	-36.18	1.00 H	77	61.61	-110.79
3	280.26	-47.10	-13.00	-34.10	1.50 H	182	62.93	-110.03
4	476.20	-54.04	-13.00	-41.04	1.00 H	284	50.93	-104.97
5	669.23	-57.98	-13.00	-44.98	2.00 H	180	43.25	-101.23
6	827.34	-56.15	-13.00	-43.15	1.50 H	80	42.18	-98.33

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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.

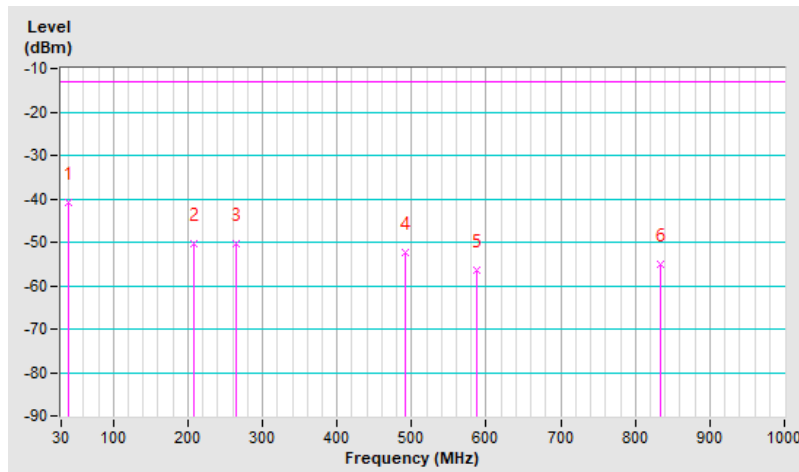


RF Mode	EDGE 850	Channel	CH 189 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	40.67	-40.95	-13.00	-27.95	1.00 V	2	69.18	-110.13
2	207.51	-50.19	-13.00	-37.19	2.00 V	171	63.09	-113.28
3	264.74	-50.44	-13.00	-37.44	1.00 V	225	60.26	-110.70
4	490.75	-52.23	-13.00	-39.23	1.50 V	81	52.39	-104.62
5	587.75	-56.58	-13.00	-43.58	2.00 V	167	46.21	-102.79
6	834.13	-55.25	-13.00	-42.25	1.50 V	56	43.05	-98.30

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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.



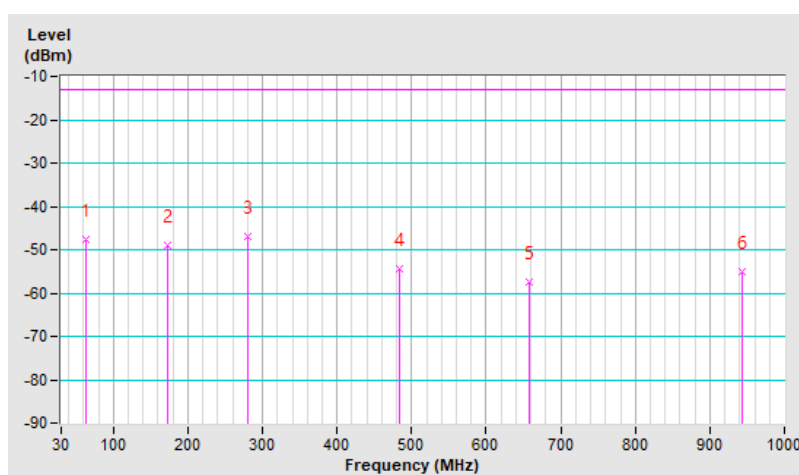
Without shielding case

RF Mode	GSM 850	Channel	CH 189 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-47.50	-13.00	-34.50	2.00 H	216	63.77	-111.27
2	173.56	-49.12	-13.00	-36.12	1.00 H	71	61.75	-110.87
3	281.23	-47.06	-13.00	-34.06	1.00 H	178	62.93	-109.99
4	482.99	-54.29	-13.00	-41.29	1.50 H	289	50.54	-104.83
5	657.59	-57.60	-13.00	-44.60	1.00 H	187	43.79	-101.39
6	943.74	-55.24	-13.00	-42.24	2.00 H	214	42.43	-97.67

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 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.

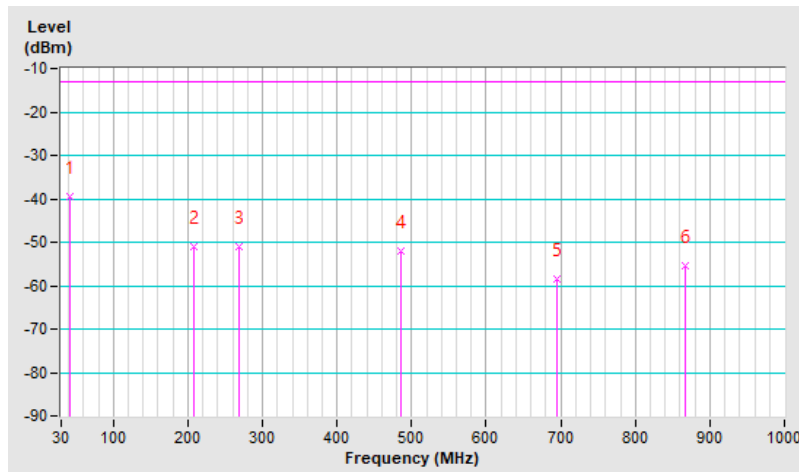


RF Mode	GSM 850	Channel	CH 189 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	-39.57	-13.00	-26.57	1.50 V	2	70.42	-109.99
2	207.51	-50.89	-13.00	-37.89	1.00 V	179	62.39	-113.28
3	267.65	-50.94	-13.00	-37.94	2.00 V	217	59.62	-110.56
4	485.90	-52.10	-13.00	-39.10	1.00 V	82	52.65	-104.75
5	694.45	-58.58	-13.00	-45.58	1.00 V	182	42.19	-100.77
6	867.11	-55.56	-13.00	-42.56	2.00 V	310	42.74	-98.30

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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.

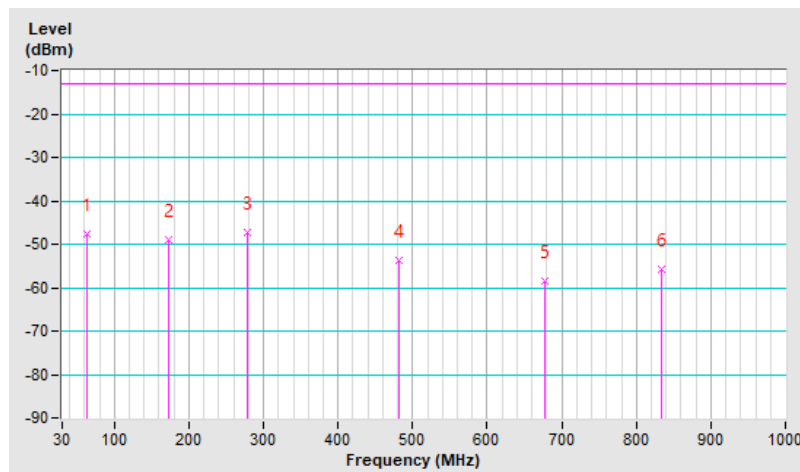


RF Mode	EDGE 850	Channel	CH 189 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	-47.57	-13.00	-34.57	2.00 H	53	63.25	-110.82
2	173.56	-49.09	-13.00	-36.09	1.00 H	75	61.78	-110.87
3	279.29	-47.17	-13.00	-34.17	1.00 H	178	62.89	-110.06
4	482.02	-53.61	-13.00	-40.61	1.50 H	291	51.26	-104.87
5	676.99	-58.45	-13.00	-45.45	2.00 H	186	42.62	-101.07
6	834.13	-55.71	-13.00	-42.71	2.00 H	143	42.59	-98.30

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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.

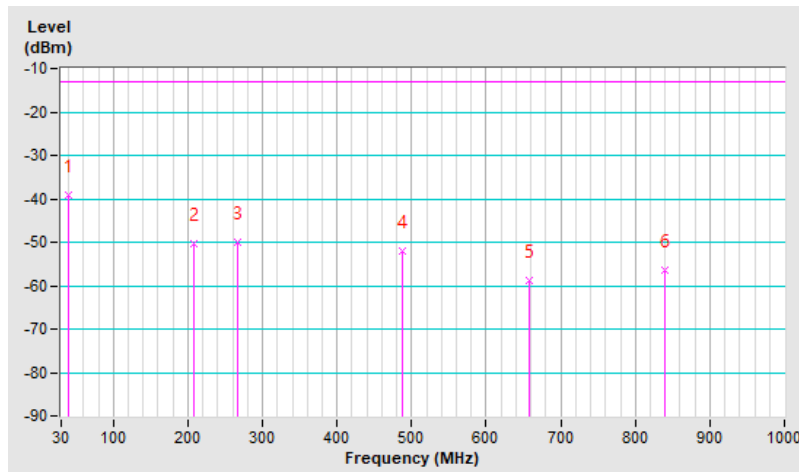


RF Mode	EDGE 850	Channel	CH 189 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	40.67	-39.00	-13.00	-26.00	1.00 V	128	71.13	-110.13
2	207.51	-50.18	-13.00	-37.18	1.50 V	176	63.10	-113.28
3	265.71	-49.99	-13.00	-36.99	1.00 V	235	60.66	-110.65
4	486.87	-52.12	-13.00	-39.12	2.00 V	77	52.61	-104.73
5	657.59	-58.87	-13.00	-45.87	1.00 V	172	42.52	-101.39
6	839.95	-56.34	-13.00	-43.34	1.50 V	344	42.01	-98.35

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 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.



7.6.2 GSM 1900

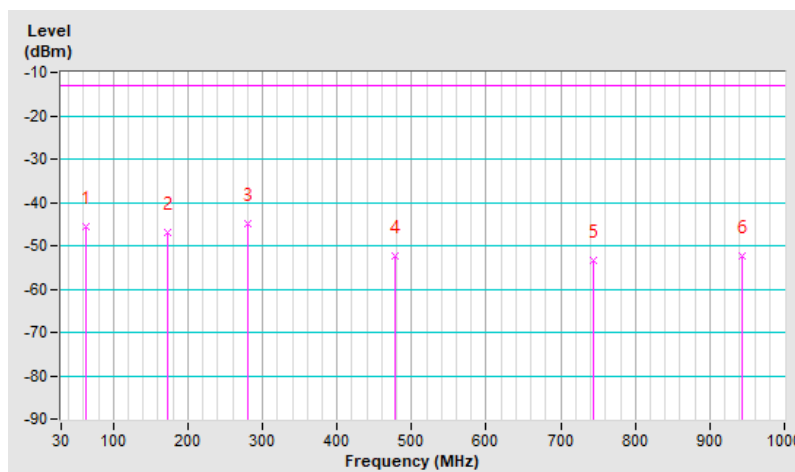
With shielding case

RF Mode	GSM 1900	Channel	CH 661 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-45.47	-13.00	-32.47	2.00 H	54	63.20	-108.67
2	172.59	-46.85	-13.00	-33.85	1.00 H	71	61.79	-108.64
3	281.23	-44.99	-13.00	-31.99	1.00 H	187	62.85	-107.84
4	478.14	-52.22	-13.00	-39.22	1.50 H	293	50.58	-102.80
5	743.92	-53.25	-13.00	-40.25	1.00 H	86	43.57	-96.82
6	942.77	-52.31	-13.00	-39.31	2.00 H	154	43.21	-95.52

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.

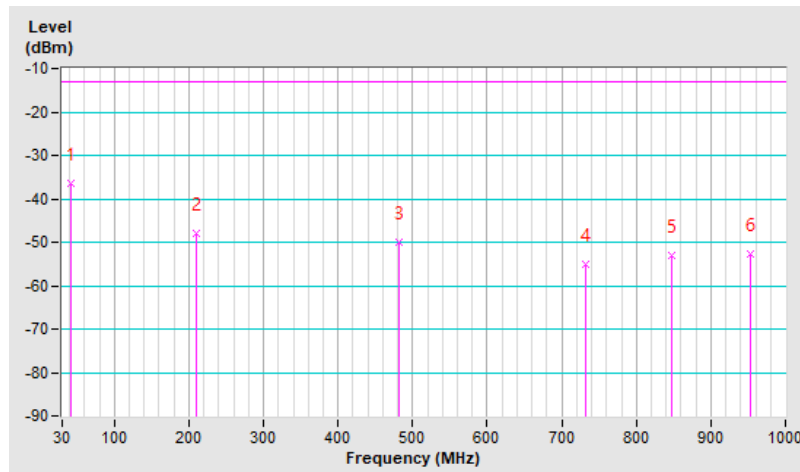


RF Mode	GSM 1900	Channel	CH 661 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	41.64	-36.31	-13.00	-23.31	1.00 V	128	71.53	-107.84
2	209.45	-47.90	-13.00	-34.90	1.50 V	166	63.21	-111.11
3	482.02	-49.95	-13.00	-36.95	1.00 V	80	52.77	-102.72
4	731.31	-54.96	-13.00	-41.96	2.00 V	16	42.50	-97.46
5	846.74	-52.93	-13.00	-39.93	1.50 V	148	43.35	-96.28
6	953.44	-52.82	-13.00	-39.82	1.00 V	16	42.72	-95.54

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.

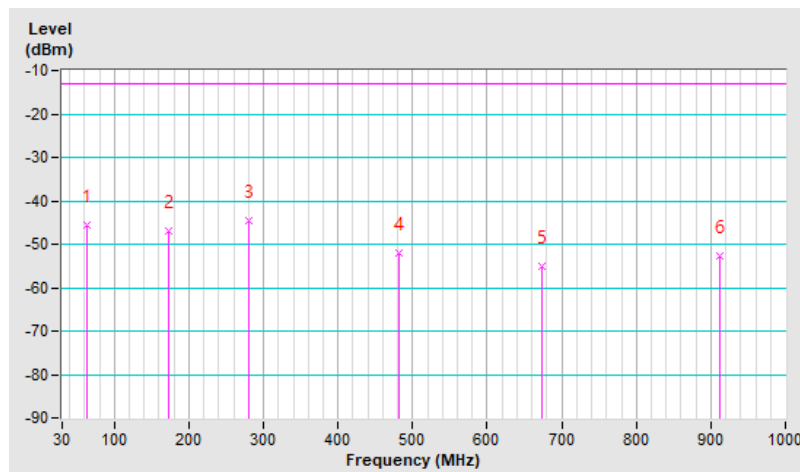


RF Mode	EDGE 1900	Channel	CH 661 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	-45.49	-13.00	-32.49	2.00 H	215	63.63	-109.12
2	173.56	-47.11	-13.00	-34.11	1.00 H	70	61.61	-108.72
3	281.23	-44.70	-13.00	-31.70	1.00 H	184	63.14	-107.84
4	481.05	-52.07	-13.00	-39.07	1.50 H	298	50.66	-102.73
5	674.08	-55.13	-13.00	-42.13	2.00 H	171	43.84	-98.97
6	912.70	-52.66	-13.00	-39.66	2.00 H	309	43.20	-95.86

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 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.

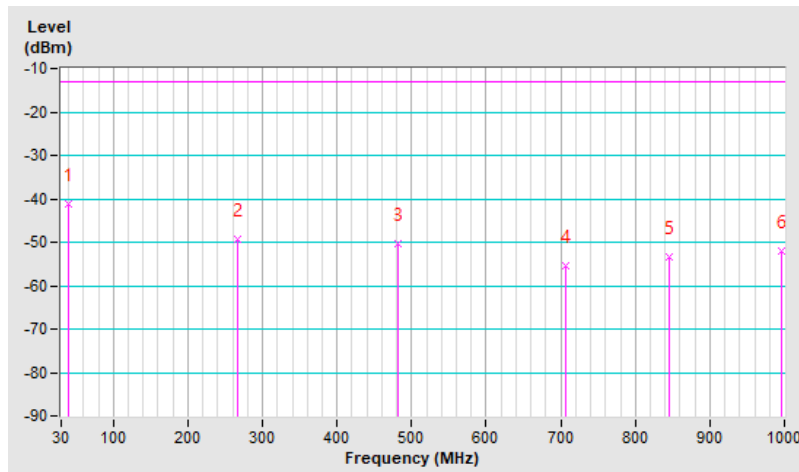


RF Mode	EDGE 1900	Channel	CH 661 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	40.67	-41.33	-13.00	-28.33	1.50 V	135	66.65	-107.98
2	265.71	-49.29	-13.00	-36.29	1.00 V	230	59.21	-108.50
3	482.02	-50.28	-13.00	-37.28	2.00 V	76	52.44	-102.72
4	706.09	-55.30	-13.00	-42.30	1.00 V	2	43.07	-98.37
5	845.77	-53.31	-13.00	-40.31	1.00 V	66	42.96	-96.27
6	996.12	-52.16	-13.00	-39.16	1.50 V	206	42.96	-95.12

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 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.



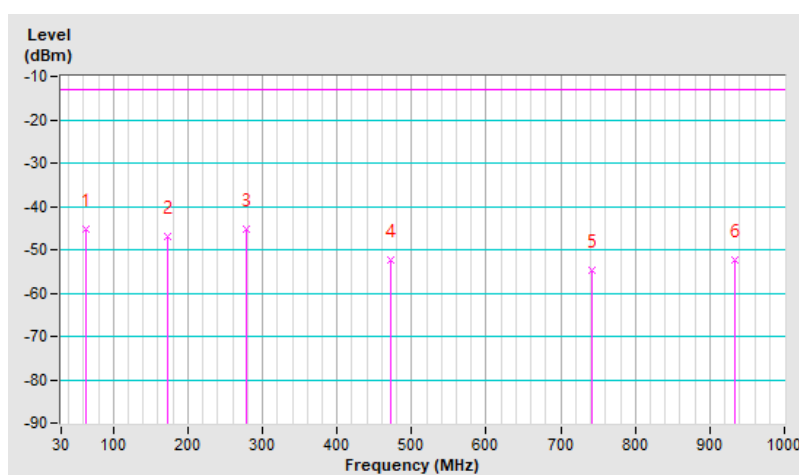
Without shielding case

RF Mode	GSM 1900	Channel	CH 661 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-45.31	-13.00	-32.31	1.50 H	206	63.81	-109.12
2	172.59	-46.98	-13.00	-33.98	1.00 H	64	61.66	-108.64
3	278.32	-45.12	-13.00	-32.12	1.00 H	186	62.82	-107.94
4	471.35	-52.27	-13.00	-39.27	2.00 H	296	50.63	-102.90
5	741.01	-54.79	-13.00	-41.79	1.00 H	10	42.18	-96.97
6	934.04	-52.27	-13.00	-39.27	1.50 H	55	43.43	-95.70

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 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.

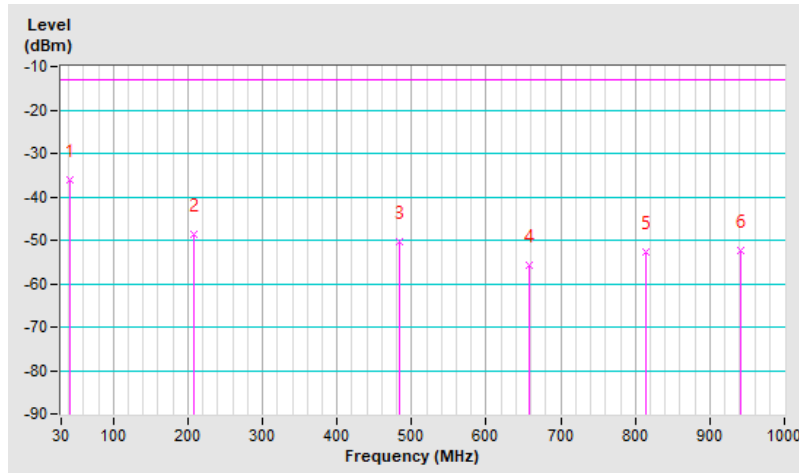


RF Mode	GSM 1900	Channel	CH 661 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	41.64	-36.26	-13.00	-23.26	1.50 V	153	71.58	-107.84
2	207.51	-48.72	-13.00	-35.72	1.00 V	161	62.41	-111.13
3	483.96	-50.36	-13.00	-37.36	1.00 V	86	52.31	-102.67
4	658.56	-55.84	-13.00	-42.84	2.00 V	170	43.39	-99.23
5	813.76	-52.85	-13.00	-39.85	1.00 V	299	43.38	-96.23
6	941.80	-52.46	-13.00	-39.46	1.50 V	2	43.07	-95.53

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.

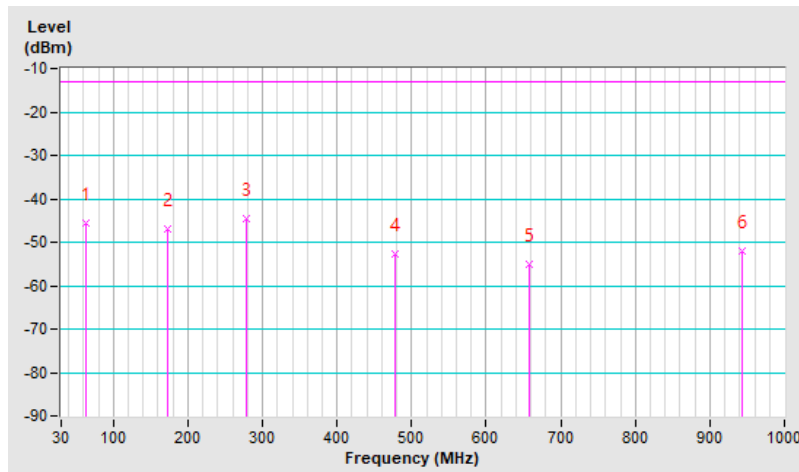


RF Mode	EDGE 1900	Channel	CH 661 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	-45.61	-13.00	-32.61	1.50 H	52	63.06	-108.67
2	172.59	-46.98	-13.00	-33.98	2.00 H	74	61.66	-108.64
3	279.29	-44.65	-13.00	-31.65	1.00 H	177	63.26	-107.91
4	477.17	-52.71	-13.00	-39.71	1.00 H	301	50.10	-102.81
5	657.59	-55.04	-13.00	-42.04	2.00 H	182	44.20	-99.24
6	942.77	-52.11	-13.00	-39.11	1.50 H	247	43.41	-95.52

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.

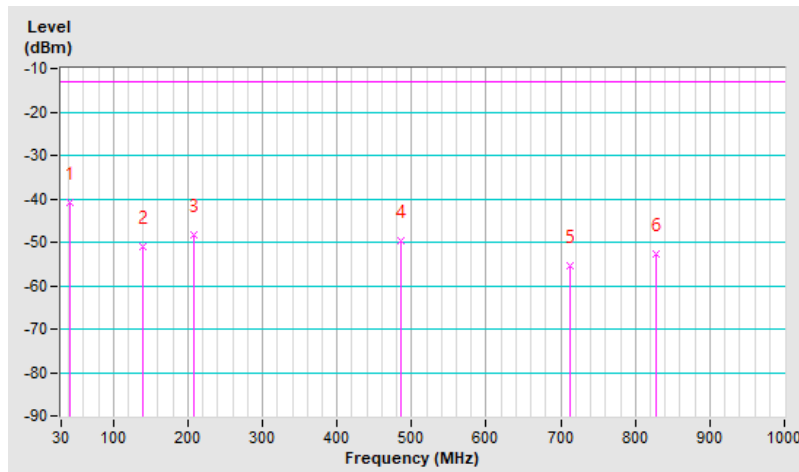


RF Mode	EDGE 1900	Channel	CH 661 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21°C, 65% RH
Tested By	Vincent Chen		

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	41.64	-40.74	-13.00	-27.74	1.50 V	10	67.10	-107.84
2	138.64	-50.88	-13.00	-37.88	1.00 V	343	57.45	-108.33
3	208.48	-48.34	-13.00	-35.34	1.00 V	159	62.78	-111.12
4	485.90	-49.62	-13.00	-36.62	1.50 V	78	52.98	-102.60
5	712.88	-55.50	-13.00	-42.50	1.00 V	292	42.73	-98.23
6	828.31	-52.65	-13.00	-39.65	2.00 V	103	43.52	-96.17

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.



7.6.3 WCDMA Band II

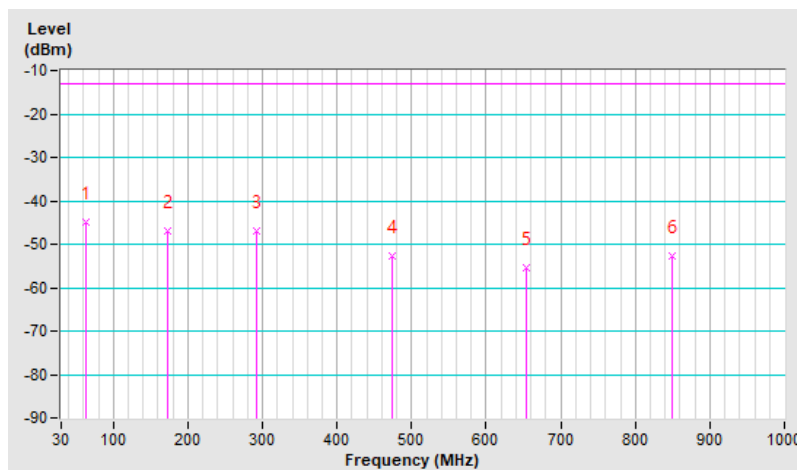
With shielding case

RF Mode	WCDMA Band II	Channel	CH 9400 : 1880 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-45.01	-13.00	-32.01	2.00 H	215	64.11	-109.12
2	173.56	-47.10	-13.00	-34.10	1.00 H	70	61.62	-108.72
3	291.90	-46.99	-13.00	-33.99	1.50 H	178	60.56	-107.55
4	473.29	-52.71	-13.00	-39.71	1.00 H	9	50.16	-102.87
5	653.71	-55.42	-13.00	-42.42	1.50 H	188	43.84	-99.26
6	848.68	-52.83	-13.00	-39.83	1.00 H	86	43.44	-96.27

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.

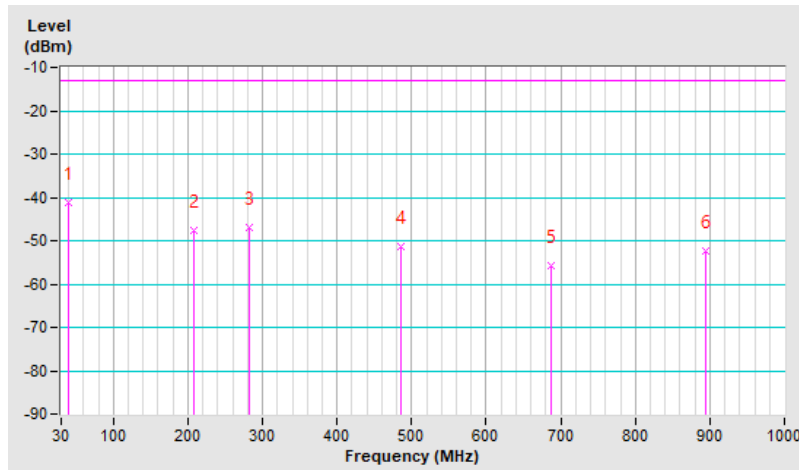


RF Mode	WCDMA Band II	Channel	CH 9400 : 1880 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21 °C, 65 % RH
Tested By	Vincent Chen		

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	40.67	-41.27	-13.00	-28.27	1.50 V	138	66.71	-107.98
2	208.48	-47.47	-13.00	-34.47	2.00 V	170	63.65	-111.12
3	283.17	-46.86	-13.00	-33.86	1.00 V	210	60.91	-107.77
4	485.90	-51.47	-13.00	-38.47	1.00 V	26	51.13	-102.60
5	687.66	-55.86	-13.00	-42.86	1.50 V	2	42.91	-98.77
6	895.24	-52.38	-13.00	-39.38	2.00 V	327	43.65	-96.03

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.



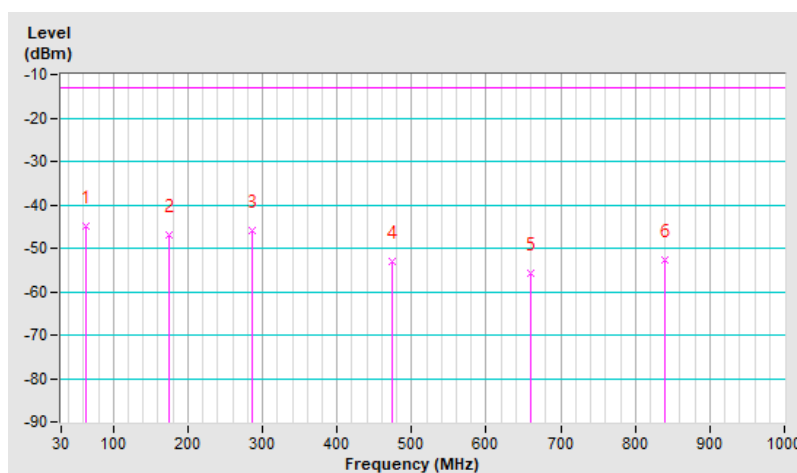
Without shielding case

RF Mode	WCDMA Band II	Channel	CH 9400 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-44.88	-13.00	-31.88	1.00 H	53	63.79	-108.67
2	174.53	-47.07	-13.00	-34.07	2.00 H	78	61.73	-108.80
3	287.05	-46.01	-13.00	-33.01	1.00 H	174	61.65	-107.66
4	474.26	-53.10	-13.00	-40.10	1.50 H	21	49.75	-102.85
5	659.53	-55.79	-13.00	-42.79	1.50 H	357	43.44	-99.23
6	839.95	-52.57	-13.00	-39.57	2.00 H	194	43.63	-96.20

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.

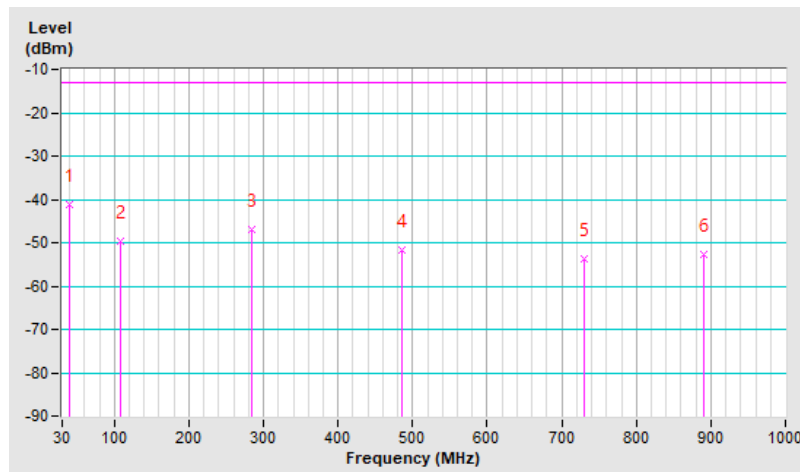


RF Mode	WCDMA Band II	Channel	CH 9400 : 1880.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21 °C, 65 % RH
Tested By	Vincent Chen		

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	40.67	-41.10	-13.00	-28.10	1.00 V	4	66.88	-107.98
2	107.60	-49.66	-13.00	-36.66	1.00 V	174	61.34	-111.00
3	284.14	-46.82	-13.00	-33.82	1.50 V	193	60.93	-107.75
4	485.90	-51.57	-13.00	-38.57	1.00 V	18	51.03	-102.60
5	730.34	-53.85	-13.00	-40.85	2.00 V	75	43.68	-97.53
6	891.36	-52.74	-13.00	-39.74	2.00 V	234	43.26	-96.00

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.



7.6.4 WCDMA Band IV

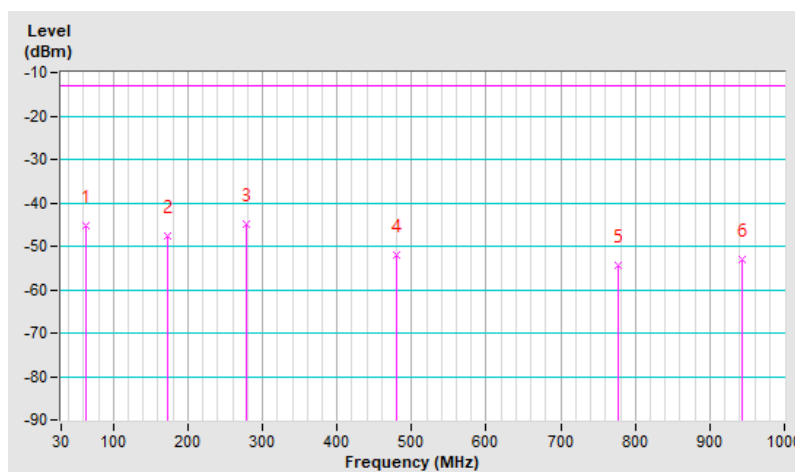
With shielding case

RF Mode	WCDMA Band IV	Channel	CH 1413 : 1732.6 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-45.09	-13.00	-32.09	2.00 H	212	64.03	-109.12
2	172.59	-47.56	-13.00	-34.56	1.00 H	76	61.08	-108.64
3	278.32	-44.91	-13.00	-31.91	1.50 H	167	63.03	-107.94
4	479.11	-52.18	-13.00	-39.18	1.00 H	294	50.60	-102.78
5	777.87	-54.25	-13.00	-41.25	2.00 H	6	41.96	-96.21
6	942.77	-53.01	-13.00	-40.01	1.50 H	46	42.51	-95.52

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.

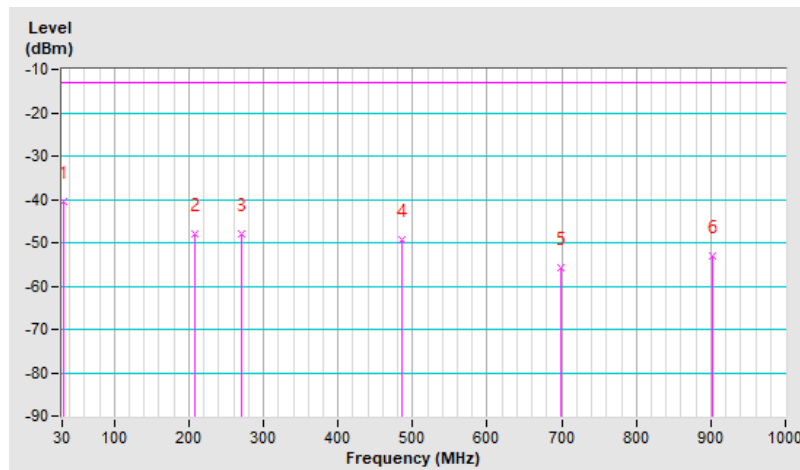


RF Mode	WCDMA Band IV	Channel	CH 1413 : 1732.6 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21 °C, 65 % RH
Tested By	Vincent Chen		

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	-40.65	-13.00	-27.65	1.00 V	126	67.94	-108.59
2	207.51	-48.07	-13.00	-35.07	1.50 V	171	63.06	-111.13
3	269.59	-47.98	-13.00	-34.98	1.00 V	249	60.32	-108.30
4	485.90	-49.45	-13.00	-36.45	2.00 V	78	53.15	-102.60
5	699.30	-55.89	-13.00	-42.89	1.00 V	231	42.66	-98.55
6	902.03	-53.05	-13.00	-40.05	1.50 V	138	42.95	-96.00

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.



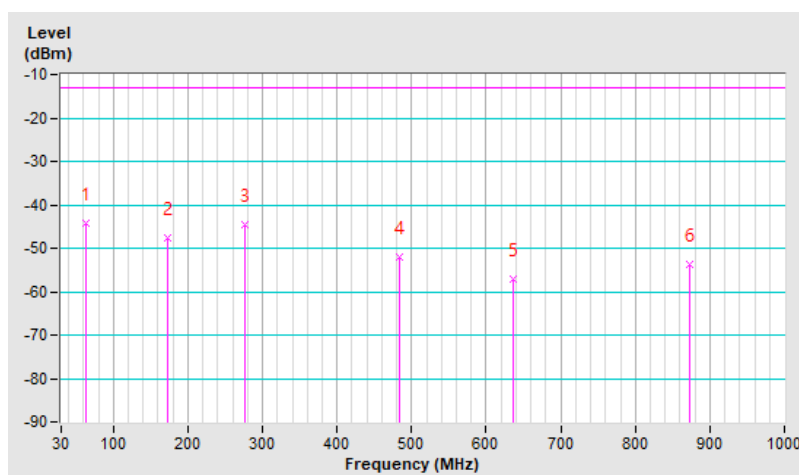
Without shielding case

RF Mode	WCDMA Band IV	Channel	CH 1413 : 1732.6 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-44.32	-13.00	-31.32	2.00 H	58	64.35	-108.67
2	172.59	-47.50	-13.00	-34.50	1.50 H	70	61.14	-108.64
3	276.38	-44.60	-13.00	-31.60	1.00 H	179	63.42	-108.02
4	483.96	-52.17	-13.00	-39.17	2.00 H	296	50.50	-102.67
5	636.25	-57.03	-13.00	-44.03	1.00 H	182	42.45	-99.48
6	872.93	-53.79	-13.00	-40.79	1.50 H	239	42.28	-96.07

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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.

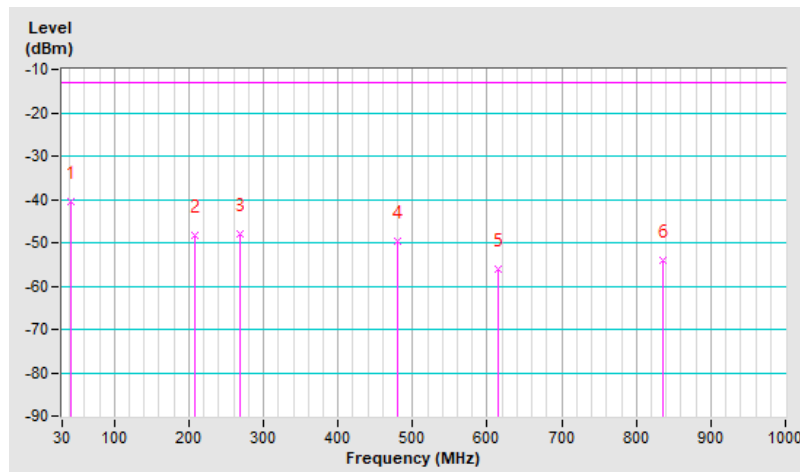


RF Mode	WCDMA Band IV	Channel	CH 1413 : 1732.6 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21 °C, 65 % RH
Tested By	Vincent Chen		

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	41.64	-40.34	-13.00	-27.34	1.00 V	143	67.50	-107.84
2	207.51	-48.33	-13.00	-35.33	1.50 V	179	62.80	-111.13
3	267.65	-48.05	-13.00	-35.05	1.00 V	237	60.36	-108.41
4	480.08	-49.72	-13.00	-36.72	2.00 V	78	53.05	-102.77
5	614.91	-56.00	-13.00	-43.00	1.00 V	143	43.95	-99.95
6	835.10	-54.15	-13.00	-41.15	2.00 V	307	41.99	-96.14

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 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.



7.6.5 WCDMA Band V

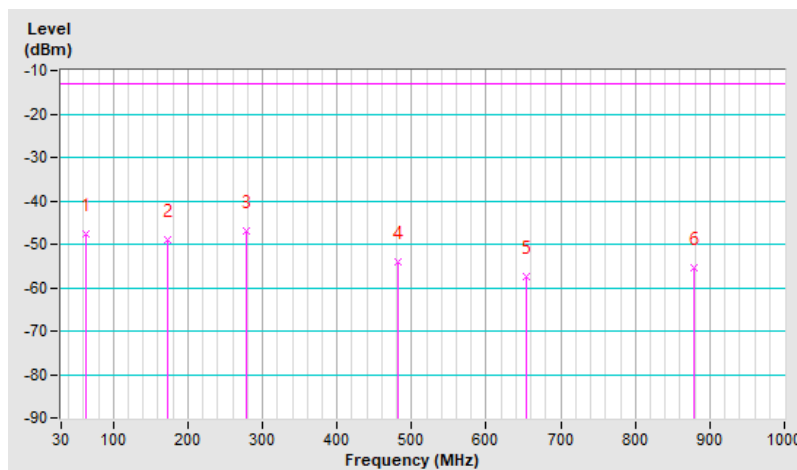
With shielding case

RF Mode	WCDMA Band V	Channel	CH 4182 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-47.55	-13.00	-34.55	2.00 H	45	63.27	-110.82
2	173.56	-48.89	-13.00	-35.89	1.50 H	64	61.98	-110.87
3	278.32	-46.99	-13.00	-33.99	1.00 H	187	63.10	-110.09
4	481.05	-53.97	-13.00	-40.97	2.00 H	288	50.91	-104.88
5	653.71	-57.60	-13.00	-44.60	2.00 H	182	43.81	-101.41
6	878.75	-55.57	-13.00	-42.57	1.00 H	38	42.69	-98.26

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 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.

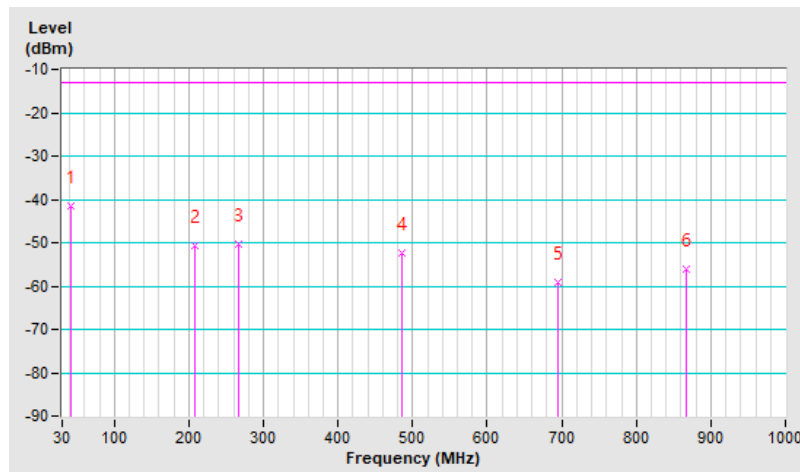


RF Mode	WCDMA Band V	Channel	CH 4182 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21 °C, 65 % RH
Tested By	Vincent Chen		

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	-41.47	-13.00	-28.47	1.50 V	18	68.52	-109.99
2	207.51	-50.75	-13.00	-37.75	1.00 V	167	62.53	-113.28
3	265.71	-50.25	-13.00	-37.25	2.00 V	232	60.40	-110.65
4	484.93	-52.22	-13.00	-39.22	1.00 V	77	52.56	-104.78
5	695.42	-59.00	-13.00	-46.00	1.00 V	177	41.75	-100.75
6	866.14	-56.11	-13.00	-43.11	1.50 V	30	42.22	-98.33

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 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.



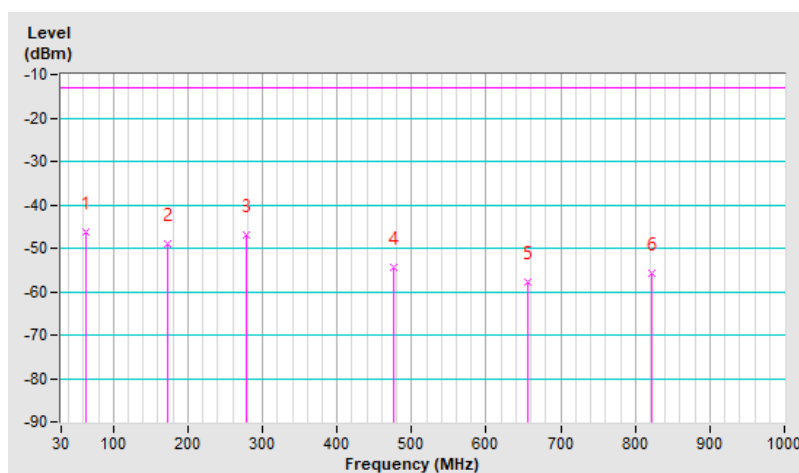
Without shielding case

RF Mode	WCDMA Band V	Channel	CH 4182 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-46.32	-13.00	-33.32	2.00 H	213	64.95	-111.27
2	172.59	-48.98	-13.00	-35.98	1.00 H	67	61.81	-110.79
3	279.29	-47.08	-13.00	-34.08	1.50 H	170	62.98	-110.06
4	476.20	-54.25	-13.00	-41.25	2.00 H	292	50.72	-104.97
5	655.65	-57.93	-13.00	-44.93	2.00 H	186	43.46	-101.39
6	822.49	-55.86	-13.00	-42.86	1.00 H	295	42.44	-98.30

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 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.

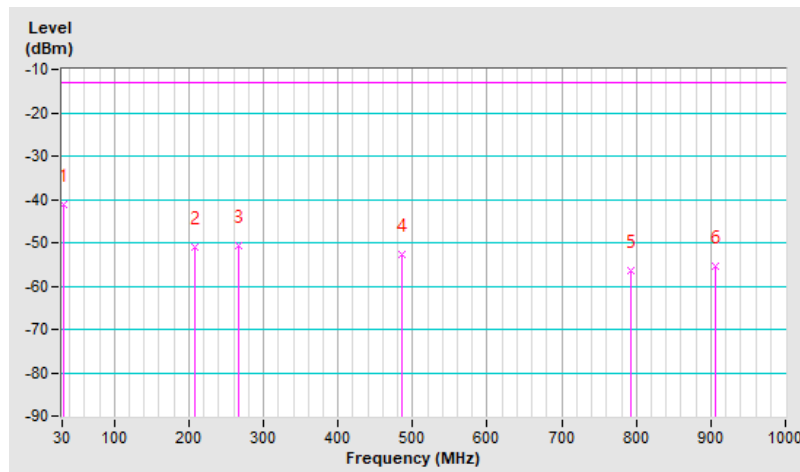


RF Mode	WCDMA Band V	Channel	CH 4182 : 836.4 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	Environmental Conditions	21 °C, 65 % RH
Tested By	Vincent Chen		

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	32.91	-41.18	-13.00	-28.18	1.00 V	55	69.62	-110.80
2	207.51	-51.01	-13.00	-38.01	1.50 V	165	62.27	-113.28
3	265.71	-50.72	-13.00	-37.72	1.00 V	247	59.93	-110.65
4	485.90	-52.61	-13.00	-39.61	2.00 V	78	52.14	-104.75
5	793.39	-56.45	-13.00	-43.45	1.50 V	327	42.00	-98.45
6	906.88	-55.59	-13.00	-42.59	1.00 V	175	42.46	-98.05

Remarks:

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



7.7 Radiated Spurious Emissions above 1GHz

7.7.1 GSM 850

With shielding case

RF Mode	GSM 850	Channel	CH 128 : 824.2 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1648.40	-58.35	-13.00	-45.35	2.14 H	303	43.26	-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	1648.40	-55.72	-13.00	-42.72	1.71 V	243	45.89	-101.61

Remarks:

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



RF Mode	GSM 850	Channel	CH 189 : 836.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1672.80	-57.87	-13.00	-44.87	2.34 H	316	43.74	-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	1672.80	-55.38	-13.00	-42.38	2.71 V	168	46.23	-101.61

Remarks:

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



RF Mode	GSM 850	Channel	CH 251 : 848.8 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1697.60	-58.30	-13.00	-45.30	2.62 H	297	43.31	-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	1697.60	-55.82	-13.00	-42.82	1.83 V	316	45.79	-101.61

Remarks:

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



RF Mode	EDGE 850	Channel	CH 128 : 824.2 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1648.40	-58.45	-13.00	-45.45	3.14 H	135	43.16	-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	1648.40	-56.25	-13.00	-43.25	1.65 V	287	45.36	-101.61

Remarks:

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



RF Mode	EDGE 850	Channel	CH 189 : 836.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1672.80	-57.93	-13.00	-44.93	2.73 H	269	43.68	-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	1672.80	-55.42	-13.00	-42.42	2.54 V	113	46.19	-101.61

Remarks:

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



RF Mode	EDGE 850	Channel	CH 251 : 848.8 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1697.60	-58.48	-13.00	-45.48	1.84 H	256	43.13	-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	1697.60	-56.09	-13.00	-43.09	2.16 V	45	45.52	-101.61

Remarks:

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

Without shielding case

RF Mode	GSM 850	Channel	CH 128 : 824.2 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1648.40	-58.27	-13.00	-45.27	2.12 H	305	43.34	-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	1648.40	-55.68	-13.00	-42.68	1.65 V	221	45.93	-101.61

Remarks:

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



RF Mode	GSM 850	Channel	CH 189 : 836.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1672.80	-57.75	-13.00	-44.75	2.21 H	324	43.86	-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	1672.80	-55.27	-13.00	-42.27	2.64 V	157	46.34	-101.61

Remarks:

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



RF Mode	GSM 850	Channel	CH 251 : 848.8 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1697.60	-58.15	-13.00	-45.15	2.54 H	287	43.46	-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	1697.60	-55.75	-13.00	-42.75	1.53 V	287	45.86	-101.61

Remarks:

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



RF Mode	EDGE 850	Channel	CH 128 : 824.2 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1648.40	-58.36	-13.00	-45.36	2.46 H	143	43.25	-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	1648.40	-56.14	-13.00	-43.14	1.72 V	265	45.47	-101.61

Remarks:

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



RF Mode	EDGE 850	Channel	CH 189 : 836.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1672.80	-57.86	-13.00	-44.86	2.64 H	255	43.75	-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	1672.80	-55.35	-13.00	-42.35	2.24 V	125	46.26	-101.61

Remarks:

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



RF Mode	EDGE 850	Channel	CH 251 : 848.8 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1697.60	-58.37	-13.00	-45.37	1.75 H	241	43.24	-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	1697.60	-55.96	-13.00	-42.96	2.24 V	37	45.65	-101.61

Remarks:

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

7.7.2 GSM 1900

With shielding case

RF Mode	GSM 1900	Channel	CH 512 : 1850.2 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3700.40	-50.63	-13.00	-37.63	1.83 H	315	42.65	-93.28
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	3700.40	-48.86	-13.00	-35.86	2.14 V	79	44.42	-93.28

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.



RF Mode	GSM 1900	Channel	CH 661 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-49.89	-13.00	-36.89	3.54 H	205	43.17	-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	-47.84	-13.00	-34.84	1.22 V	145	45.22	-93.06

Remarks:

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



RF Mode	GSM 1900	Channel	CH 810 : 1909.8 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3819.60	-50.69	-13.00	-37.69	1.46 H	223	42.28	-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	3819.60	-48.63	-13.00	-35.63	1.35 V	142	44.34	-92.97

Remarks:

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



RF Mode	EDGE 1900	Channel	CH 512 : 1850.2 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3700.40	-51.15	-13.00	-38.15	3.15 H	119	42.13	-93.28

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	3700.40	-48.92	-13.00	-35.92	2.24 V	241	44.36	-93.28

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.



RF Mode	EDGE 1900	Channel	CH 661 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-49.98	-13.00	-36.98	2.43 H	334	43.08	-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	-47.93	-13.00	-34.93	1.82 V	289	45.13	-93.06

Remarks:

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



RF Mode	EDGE 1900	Channel	CH 810 : 1909.8 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3819.60	-50.86	-13.00	-37.86	1.96 H	181	42.11	-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	3819.60	-48.56	-13.00	-35.56	1.63 V	69	44.41	-92.97

Remarks:

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

Without shielding case

RF Mode	GSM 1900	Channel	CH 512 : 1850.2 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3700.40	-50.52	-13.00	-37.52	1.75 H	324	42.76	-93.28
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	3700.40	-48.71	-13.00	-35.71	2.43 V	104	44.57	-93.28

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.



RF Mode	GSM 1900	Channel	CH 661 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-49.81	-13.00	-36.81	3.42 H	186	43.25	-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	3760.00	-47.71	-13.00	-34.71	1.25 V	156	45.35	-93.06

Remarks:

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



RF Mode	GSM 1900	Channel	CH 810 : 1909.8 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3819.60	-50.63	-13.00	-37.63	1.57 H	214	42.34	-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	3819.60	-48.51	-13.00	-35.51	1.43 V	157	44.46	-92.97

Remarks:

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



RF Mode	EDGE 1900	Channel	CH 512 : 1850.2 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3700.40	-51.04	-13.00	-38.04	3.24 H	127	42.24	-93.28

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	3700.40	-48.82	-13.00	-35.82	2.14 V	256	44.46	-93.28

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.



RF Mode	EDGE 1900	Channel	CH 661 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-49.91	-13.00	-36.91	2.34 H	221	43.15	-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	-47.82	-13.00	-34.82	1.76 V	276	45.24	-93.06

Remarks:

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



RF Mode	EDGE 1900	Channel	CH 810 : 1909.8 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3819.60	-50.73	-13.00	-37.73	1.87 H	176	42.24	-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	3819.60	-48.41	-13.00	-35.41	1.57 V	54	44.56	-92.97

Remarks:

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

7.7.3 WCDMA Band II

With shielding case

RF Mode	WCDMA Band II	Channel	CH 9262 : 1852.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3704.80	-50.92	-13.00	-37.92	1.72 H	156	42.33	-93.25
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3704.80	-50.05	-13.00	-37.05	1.26 V	217	43.20	-93.25

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.



RF Mode	WCDMA Band II	Channel	CH 9400 : 1880 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-50.19	-13.00	-37.19	3.31 H	342	42.87	-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	-49.64	-13.00	-36.64	1.86 V	242	43.42	-93.06

Remarks:

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



RF Mode	WCDMA Band II	Channel	CH 9538 : 1907.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3815.20	-50.55	-13.00	-37.55	3.14 H	76	42.43	-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	3815.20	-49.86	-13.00	-36.86	1.14 V	317	43.12	-92.98

Remarks:

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

Without shielding case

RF Mode	WCDMA Band II	Channel	CH 9262 : 1852.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3704.80	-50.80	-13.00	-37.80	1.65 H	143	42.45	-93.25
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3704.80	-49.91	-13.00	-36.91	1.24 V	212	43.34	-93.25

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.



RF Mode	WCDMA Band II	Channel	CH 9400 : 1880 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	-50.11	-13.00	-37.11	3.14 H	325	42.95	-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	-49.52	-13.00	-36.52	1.95 V	234	43.54	-93.06

Remarks:

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



RF Mode	WCDMA Band II	Channel	CH 9538 : 1907.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3815.20	-50.44	-13.00	-37.44	2.97 H	68	42.54	-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	3815.20	-49.72	-13.00	-36.72	1.24 V	297	43.26	-92.98

Remarks:

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

7.7.4 WCDMA Band IV

With shielding case

RF Mode	WCDMA Band IV	Channel	CH 1312 : 1712.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3424.80	-52.22	-13.00	-39.22	2.14 H	327	41.89	-94.11
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	3424.80	-50.98	-13.00	-37.98	1.05 V	287	43.13	-94.11

Remarks:

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



RF Mode	WCDMA Band IV	Channel	CH 1413 : 1732.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3465.20	-51.53	-13.00	-38.53	2.01 H	143	42.23	-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	3465.20	-50.11	-13.00	-37.11	2.64 V	332	43.65	-93.76

Remarks:

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



RF Mode	WCDMA Band IV	Channel	CH 1513 : 1752.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3505.20	-51.71	-13.00	-38.71	2.21 H	293	41.68	-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	3505.20	-50.12	-13.00	-37.12	1.14 V	126	43.27	-93.39

Remarks:

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

Without shielding case

RF Mode	WCDMA Band IV	Channel	CH 1312 : 1712.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3424.80	-52.18	-13.00	-39.18	2.24 H	314	41.93	-94.11
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	3424.80	-50.87	-13.00	-37.87	1.14 V	258	43.24	-94.11

Remarks:

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



RF Mode	WCDMA Band IV	Channel	CH 1413 : 1732.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3465.20	-51.41	-13.00	-38.41	1.87 H	159	42.35	-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	3465.20	-50.05	-13.00	-37.05	2.54 V	318	43.71	-93.76

Remarks:

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



RF Mode	WCDMA Band IV	Channel	CH 1513 : 1752.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	3505.20	-51.63	-13.00	-38.63	2.14 H	287	41.76	-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	3505.20	-50.01	-13.00	-37.01	1.18 V	136	43.38	-93.39

Remarks:

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

7.7.5 WCDMA Band V

With shielding case

RF Mode	WCDMA Band V	Channel	CH 4132 : 826.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1652.80	-59.96	-13.00	-46.96	2.43 H	219	41.65	-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	1652.80	-58.72	-13.00	-45.72	1.54 V	6	42.89	-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	WCDMA Band V	Channel	CH 4182 : 836.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1672.80	-59.54	-13.00	-46.54	3.45 H	254	42.07	-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	1672.80	-58.19	-13.00	-45.19	1.64 V	183	43.42	-101.61

Remarks:

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



RF Mode	WCDMA Band V	Channel	CH 4233 : 846.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1693.20	-60.10	-13.00	-47.10	1.83 H	42	41.51	-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	1693.20	-58.68	-13.00	-45.68	1.52 V	97	42.93	-101.61

Remarks:

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

Without shielding case

RF Mode	WCDMA Band V	Channel	CH 4132 : 826.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1652.80	-59.86	-13.00	-46.86	2.34 H	224	41.75	-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	1652.80	-58.66	-13.00	-45.66	1.43 V	17	42.95	-101.61

Remarks:

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



RF Mode	WCDMA Band V	Channel	CH 4182 : 836.4 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1672.80	-59.45	-13.00	-46.45	3.34 H	243	42.16	-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	1672.80	-58.04	-13.00	-45.04	1.52 V	204	43.57	-101.61

Remarks:

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



RF Mode	WCDMA Band V	Channel	CH 4233 : 846.6 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	4.7 Vdc	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	1693.20	-59.96	-13.00	-46.96	1.72 H	34	41.65	-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	1693.20	-58.57	-13.00	-45.57	1.43 V	92	43.04	-101.61

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
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
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7.8.1 GSM850

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 128 (824.2 MHz)		CH 251 (848.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	824.1999990	-0.001	848.8000030	0.004
4.7	824.1999980	-0.002	848.8000040	0.005
4.9	824.2000050	0.006	848.7999970	-0.004

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

Frequency Stability Versus Temperature				
Temperature (°C)	CH 128 (824.2 MHz)		CH 251 (848.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	824.1999980	-0.002	848.8000030	0.004
-30	824.2000040	0.005	848.7999970	-0.004
-20	824.2000030	0.004	848.7999980	-0.002
-10	824.1999960	-0.005	848.7999980	-0.002
0	824.2000030	0.004	848.8000010	0.001
10	824.1999980	-0.002	848.7999980	-0.002
20	824.1999960	-0.005	848.8000020	0.002
30	824.2000040	0.005	848.8000050	0.006
40	824.1999960	-0.005	848.8000030	0.004
50	824.1999980	-0.002	848.8000040	0.005
60	824.1999990	-0.001	848.7999980	-0.002
70	824.2000040	0.005	848.8000020	0.002
80	824.2000010	0.001	848.8000010	0.001
85	824.1999950	-0.006	848.8000010	0.001

7.8.2 EDGE850

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 128 (824.2 MHz)		CH 251 (848.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	824.2000020	0.002	848.7999950	-0.006
4.7	824.1999980	-0.002	848.7999950	-0.006
4.9	824.2000010	0.001	848.8000030	0.004

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

Frequency Stability Versus Temperature				
Temperature (°C)	CH 128 (824.2 MHz)		CH 251 (848.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	824.1999980	-0.002	848.8000000	0.000
-30	824.1999970	-0.004	848.8000020	0.002
-20	824.2000030	0.004	848.8000050	0.006
-10	824.2000050	0.006	848.7999950	-0.006
0	824.1999960	-0.005	848.8000020	0.002
10	824.1999990	-0.001	848.7999970	-0.004
20	824.1999960	-0.005	848.7999960	-0.005
30	824.1999970	-0.004	848.8000030	0.004
40	824.2000010	0.001	848.7999970	-0.004
50	824.1999980	-0.002	848.7999990	-0.001
60	824.2000010	0.001	848.8000050	0.006
70	824.1999980	-0.002	848.8000000	0.000
80	824.2000050	0.006	848.8000000	0.000
85	824.1999980	-0.002	848.7999950	-0.006

7.8.3 GSM1900

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 512 (1850.2 MHz)		CH 810 (1909.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1850.1999980	-0.001	1909.8000040	0.002
4.7	1850.1999990	-0.001	1909.8000030	0.002
4.9	1850.1999950	-0.003	1909.8000050	0.003

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

Frequency Stability Versus Temperature				
Temperature (°C)	CH 512 (1850.2 MHz)		CH 810 (1909.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1850.1999950	-0.003	1909.8000010	0.001
-30	1850.2000010	0.001	1909.7999960	-0.002
-20	1850.1999950	-0.003	1909.7999970	-0.002
-10	1850.2000030	0.002	1909.7999970	-0.002
0	1850.1999950	-0.003	1909.8000030	0.002
10	1850.1999980	-0.001	1909.7999990	-0.001
20	1850.1999960	-0.002	1909.8000030	0.002
30	1850.2000030	0.002	1909.8000010	0.001
40	1850.1999950	-0.003	1909.8000020	0.001
50	1850.1999970	-0.002	1909.8000050	0.003
60	1850.1999950	-0.003	1909.8000030	0.002
70	1850.2000010	0.001	1909.7999960	-0.002
80	1850.2000020	0.001	1909.8000040	0.002
85	1850.2000010	0.001	1909.8000020	0.001

7.8.4 EDGE1900

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 512 (1850.2 MHz)		CH 810 (1909.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1850.2000020	0.001	1909.8000020	0.001
4.7	1850.1999950	-0.003	1909.7999970	-0.002
4.9	1850.2000030	0.002	1909.7999960	-0.002

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

Frequency Stability Versus Temperature				
Temperature (°C)	CH 512 (1850.2 MHz)		CH 810 (1909.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1850.2000020	0.001	1909.8000020	0.001
-30	1850.2000010	0.001	1909.8000050	0.003
-20	1850.2000010	0.001	1909.7999970	-0.002
-10	1850.1999980	-0.001	1909.7999950	-0.003
0	1850.2000020	0.001	1909.8000010	0.001
10	1850.2000040	0.002	1909.8000040	0.002
20	1850.2000050	0.003	1909.7999990	-0.001
30	1850.2000010	0.001	1909.7999970	-0.002
40	1850.1999980	-0.001	1909.7999960	-0.002
50	1850.2000050	0.003	1909.7999970	-0.002
60	1850.1999990	-0.001	1909.8000030	0.002
70	1850.1999960	-0.002	1909.8000030	0.002
80	1850.2000020	0.001	1909.7999970	-0.002
85	1850.1999970	-0.002	1909.8000050	0.003

7.8.5 WCDMA Band 2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 9262 (1852.4 MHz)		CH 9538 (1907.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1852.3999970	-0.002	1907.5999960	-0.002
4.7	1852.3999980	-0.001	1907.5999960	-0.002
4.9	1852.4000020	0.001	1907.6000010	0.001

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

Frequency Stability Versus Temperature				
Temperature (°C)	CH 9262 (1852.4 MHz)		CH 9538 (1907.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1852.4000050	0.003	1907.6000040	0.002
-30	1852.3999950	-0.003	1907.6000020	0.001
-20	1852.3999980	-0.001	1907.6000040	0.002
-10	1852.4000040	0.002	1907.6000020	0.001
0	1852.4000010	0.001	1907.5999960	-0.002
10	1852.3999990	-0.001	1907.6000020	0.001
20	1852.3999990	-0.001	1907.6000010	0.001
30	1852.4000020	0.001	1907.6000010	0.001
40	1852.3999980	-0.001	1907.6000050	0.003
50	1852.4000030	0.002	1907.6000030	0.002
60	1852.4000020	0.001	1907.5999970	-0.002
70	1852.3999980	-0.001	1907.5999950	-0.003
80	1852.3999990	-0.001	1907.5999960	-0.002
85	1852.4000010	0.001	1907.6000040	0.002

7.8.6 WCDMA Band 4

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 1312 (1712.4 MHz)		CH 1513 (1752.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	1712.4000020	0.001	1752.6000020	0.001
4.7	1712.3999970	-0.002	1752.5999960	-0.002
4.9	1712.3999950	-0.003	1752.5999980	-0.001

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

Frequency Stability Versus Temperature				
Temperature (°C)	CH 1312 (1712.4 MHz)		CH 1513 (1752.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1712.4000020	0.001	1752.6000040	0.002
-30	1712.3999960	-0.002	1752.5999990	-0.001
-20	1712.3999990	-0.001	1752.5999980	-0.001
-10	1712.3999970	-0.002	1752.5999970	-0.002
0	1712.3999970	-0.002	1752.6000050	0.003
10	1712.4000040	0.002	1752.5999990	-0.001
20	1712.3999960	-0.002	1752.6000020	0.001
30	1712.4000050	0.003	1752.5999980	-0.001
40	1712.4000010	0.001	1752.6000050	0.003
50	1712.3999970	-0.002	1752.5999990	-0.001
60	1712.4000010	0.001	1752.6000000	0.000
70	1712.4000020	0.001	1752.6000020	0.001
80	1712.4000020	0.001	1752.5999980	-0.001
85	1712.3999950	-0.003	1752.6000010	0.001

7.8.7 WCDMA Band 5

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 4132 (826.4 MHz)		CH 4223 (846.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.5	826.3999960	-0.005	846.6000040	0.005
4.7	826.3999960	-0.005	846.6000010	0.001
4.9	826.4000010	0.001	846.6000010	0.001

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

Frequency Stability Versus Temperature				
Temperature (°C)	CH 4132 (826.4 MHz)		CH 4223 (846.6 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	826.3999950	-0.006	846.5999950	-0.006
-30	826.3999980	-0.002	846.5999980	-0.002
-20	826.3999980	-0.002	846.5999970	-0.004
-10	826.3999980	-0.002	846.6000040	0.005
0	826.3999990	-0.001	846.6000020	0.002
10	826.4000010	0.001	846.5999950	-0.006
20	826.3999950	-0.006	846.5999970	-0.004
30	826.4000010	0.001	846.5999980	-0.002
40	826.3999980	-0.002	846.5999970	-0.004
50	826.4000050	0.006	846.5999970	-0.004
60	826.4000030	0.004	846.6000030	0.004
70	826.4000010	0.001	846.5999960	-0.005
80	826.4000010	0.001	846.5999980	-0.002
85	826.3999950	-0.006	846.5999950	-0.006

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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