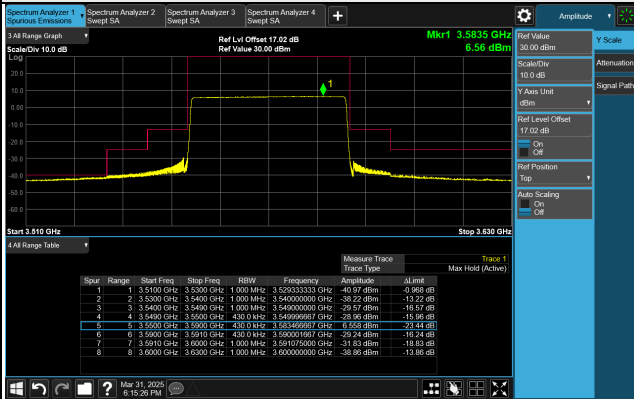
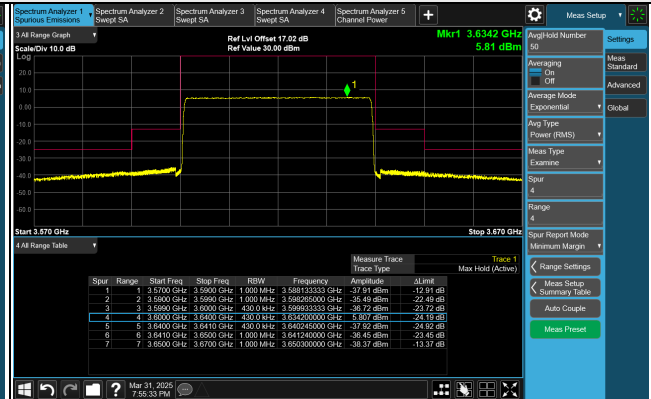


NR Band 48, Channel Bandwidth: 40MHz+40MHz_Non-Contiguous Channel 638000 (3570.00MHz) + 641334 (3620.01MHz)

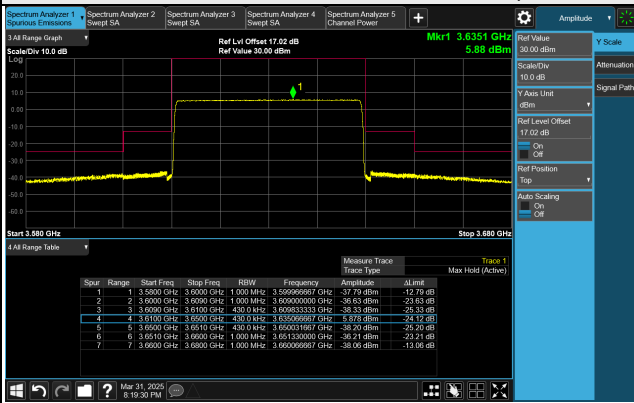


Ant. 1

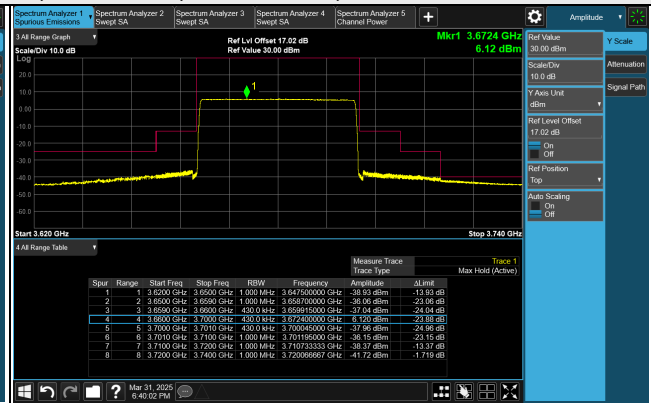


Ant. 3

Channel 641998 (3629.97MHz) + 645332 (3679.98MHz)



Ant. 1

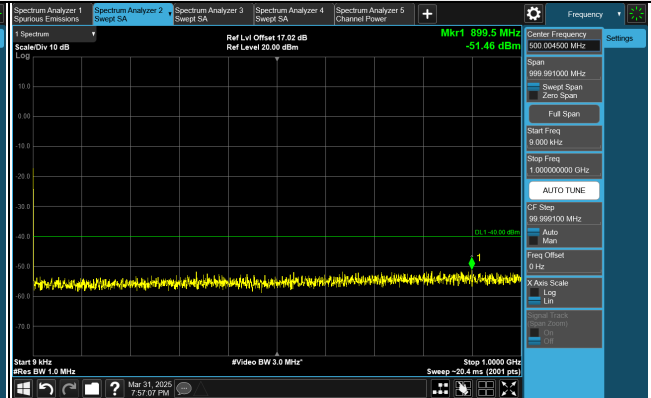
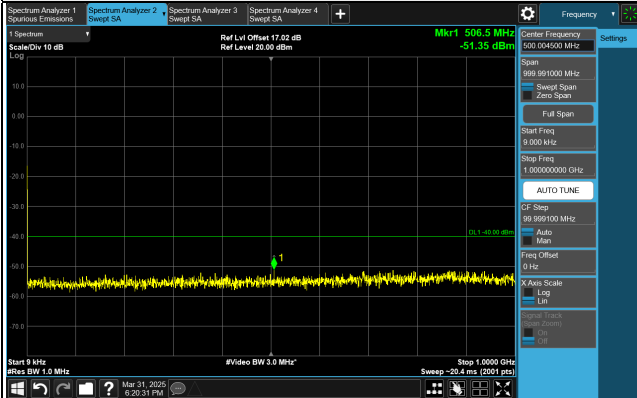


Ant. 3

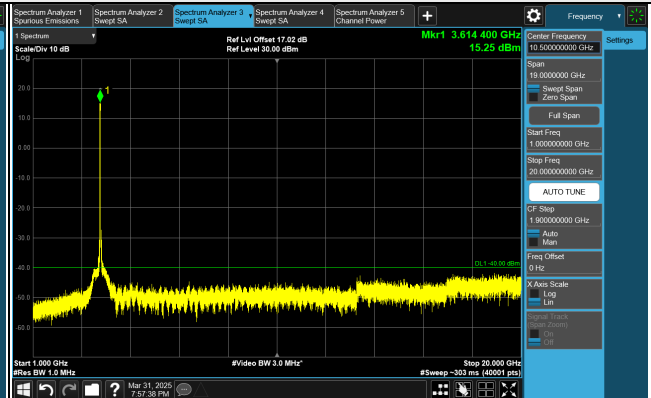
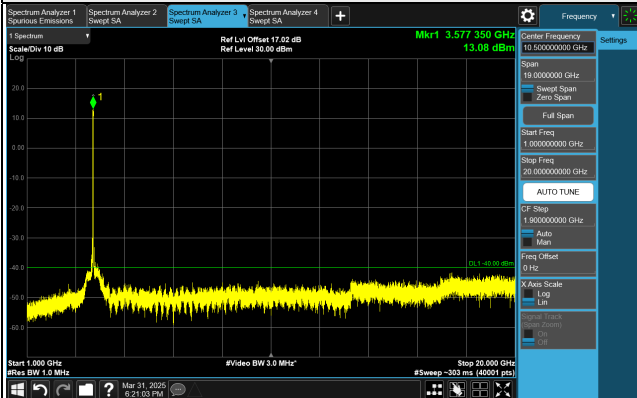
NR Band 48, Channel Bandwidth: 40MHz+40MHz_Non-Contiguous

Channel 638000 (3570.00MHz) + 641334 (3620.01MHz)

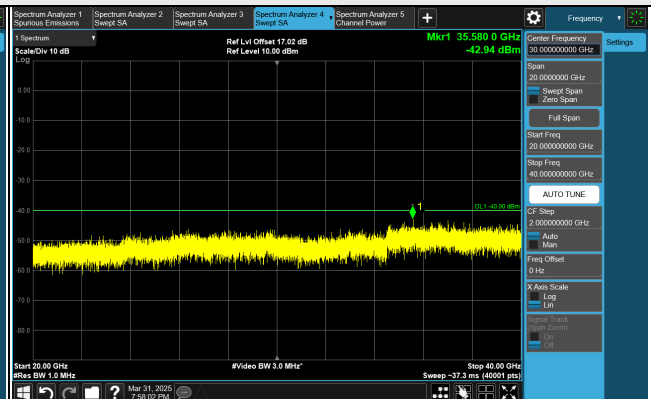
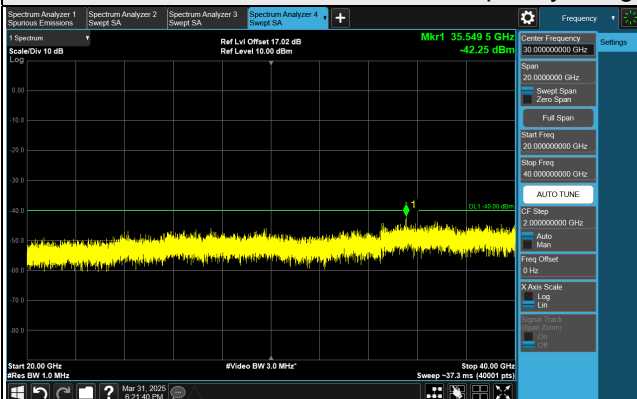
Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~20GHz



Frequency Range : 20GHz~40GHz

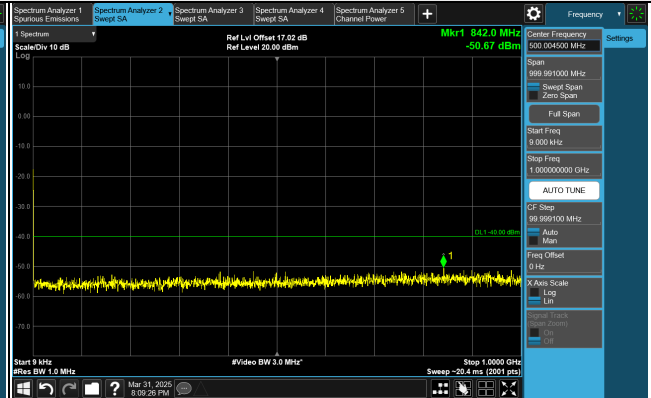
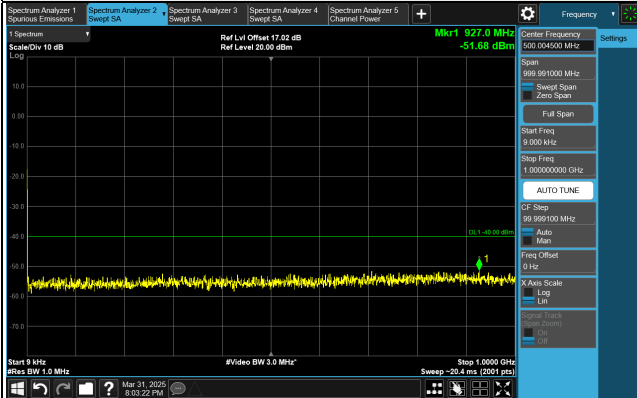


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

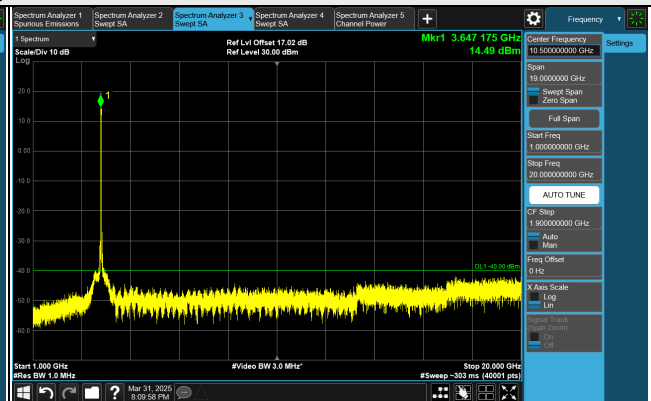
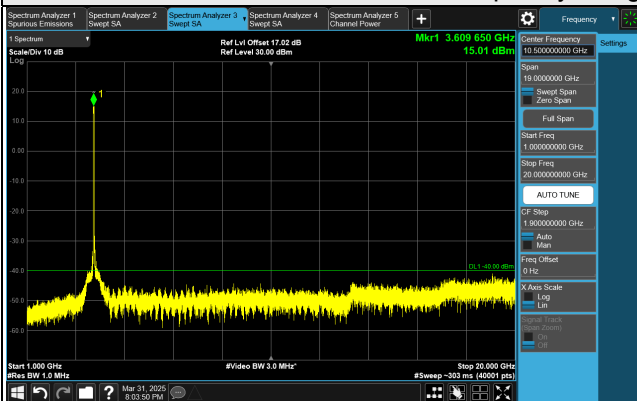
NR Band 48, Channel Bandwidth: 40MHz+40MHz_Non-Contiguous

Channel 640000 (3600.00MHz) + 643334 (3650.01MHz)

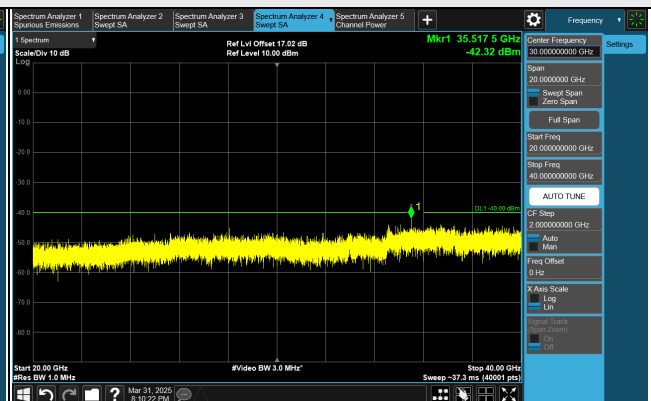
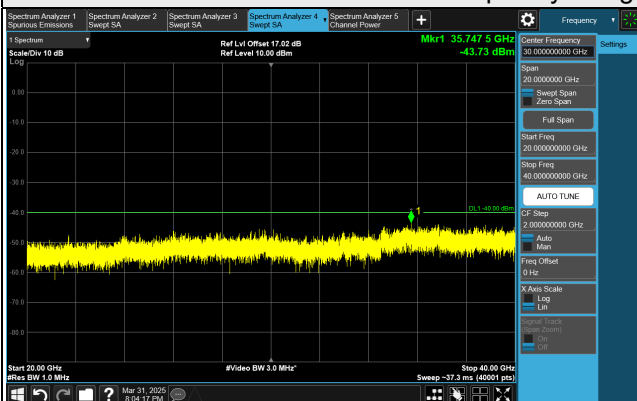
Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~20GHz



Frequency Range : 20GHz~40GHz

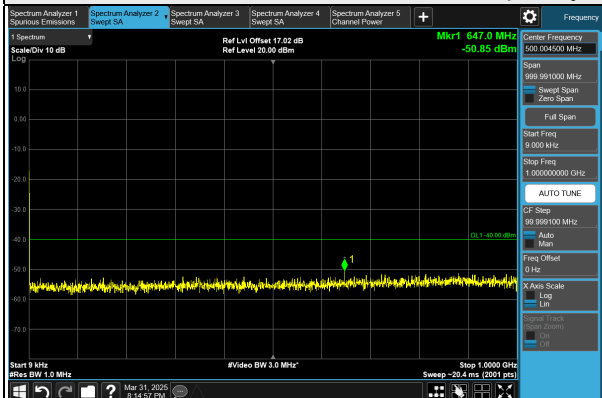


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

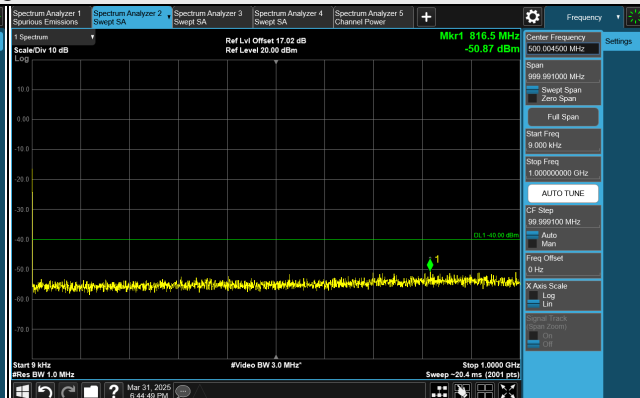
NR Band 48, Channel Bandwidth: 40MHz+40MHz_Non-Contiguous

Channel 641998 (3629.97MHz) + 645332 (3679.98MHz)

Frequency Range : 9kHz~1GHz

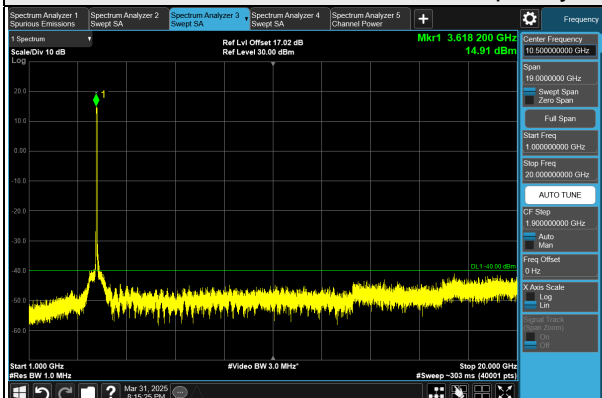


Ant. 1

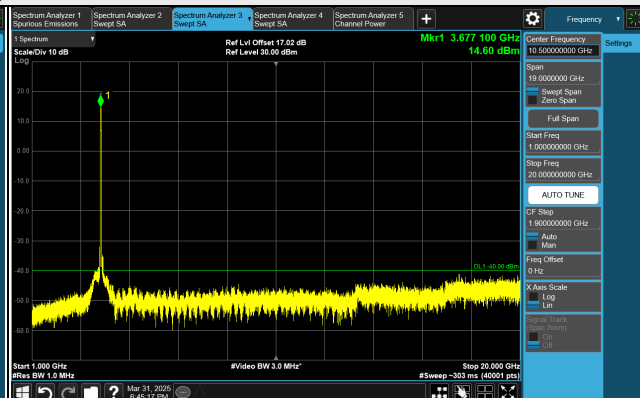


Ant. 3

Frequency Range : 1GHz~20GHz

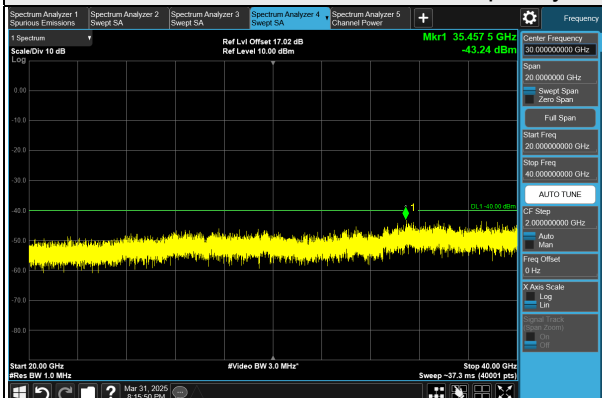


Ant. 1

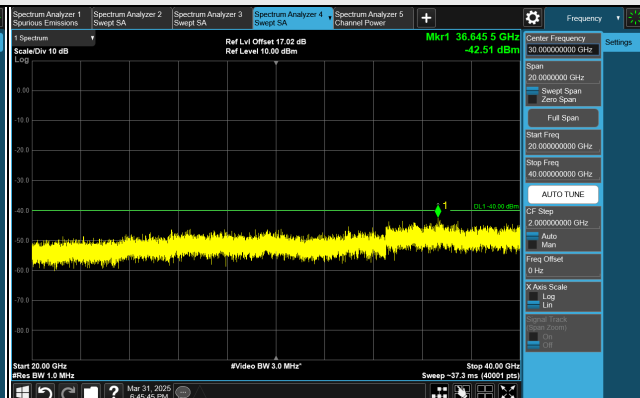


Ant. 3

Frequency Range : 20GHz~40GHz



Ant. 1



Ant. 3

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

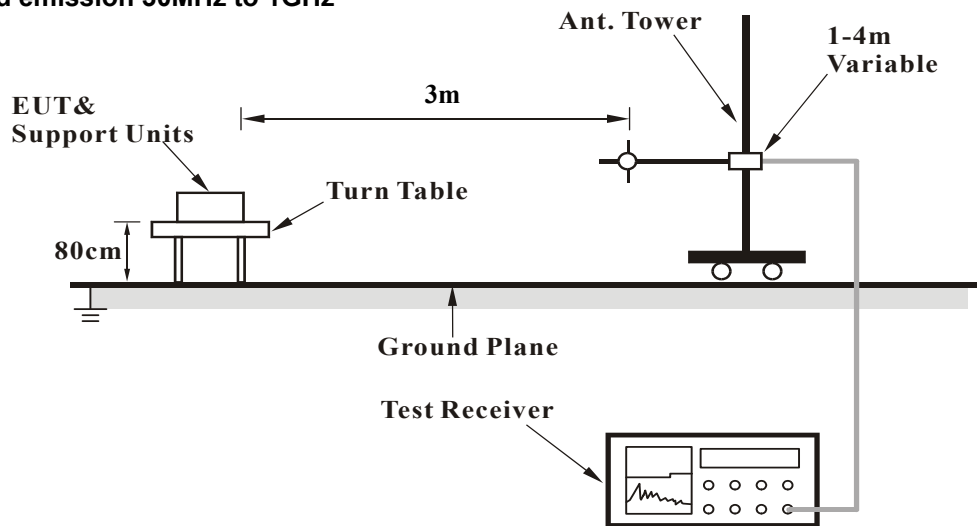
4.8 Radiated Emission Measurement

4.8.1 Limits of Radiated Emission Measurement

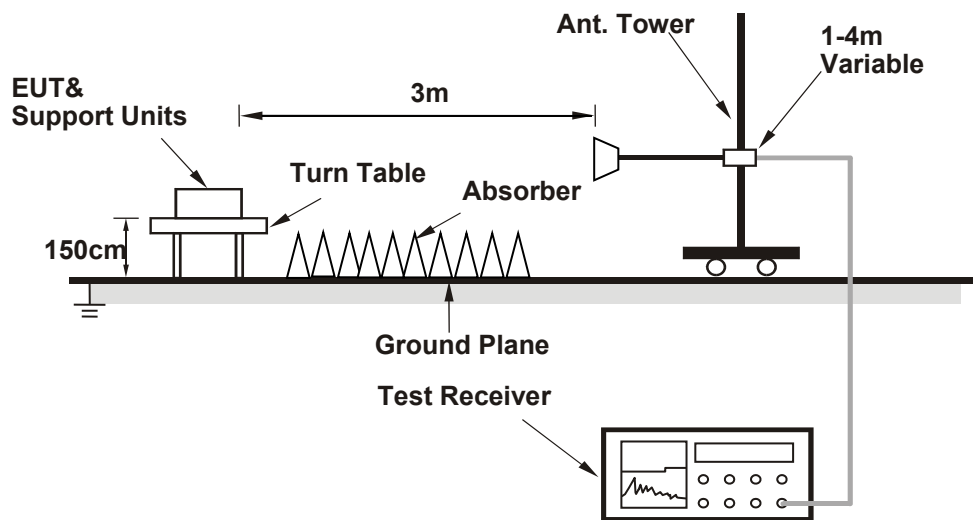
The power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz .

4.8.2 Test Set Up

For radiated emission 30MHz to 1GHz



For radiated emission above 1GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.8.3 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-472	2024/10/14	2025/10/13
EXA Signal Analyzer Agilent	N9010A	MY52220207	2023/12/28 2024/12/30	2024/12/27 2025/12/29
Loop Antenna TESEQ	HLA 6121	45745	2024/8/21	2025/8/20
MXE EMI Receiver Agilent	N9038A	MY51210203	2024/8/27	2025/8/26
Preamplifier EMCI	EMC 330H	980112	2024/9/24	2025/9/23
	EMC001340	980201	2024/9/24	2025/9/23
RF Coaxial Cable Woken	8D-FB	Cable-Ch10-01	2024/9/24	2025/9/23
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	7	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-969	2024/11/10	2025/11/9
	BBHA 9170	148	2024/11/10	2025/11/9
Preamplifier EMCI	EMC 012645	980115	2024/9/24	2025/9/23
	EMC 184045	980116	2024/9/24	2025/9/23
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2024/7/6	2025/7/5
	EMC102-KM-KM-3000	150929	2024/7/6	2025/7/5
	EMC104-SM-SM-8000 +3000	171005	2024/9/24	2025/9/23
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	EMC104-SM-SM-1000 (140807)	2024/9/24	2025/9/23

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in HY - 966 chamber 5.

4.8.4 Test Procedures

- a. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- d. Following C63.26 section 5.5 and 5.2.7
 - $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
 - $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.
Detector = Average.
2. The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz:
The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

4.8.5 Deviation from Test Standard

No deviation.

4.8.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.8.7 Test Results

Below 1GHz Data

Mode A1

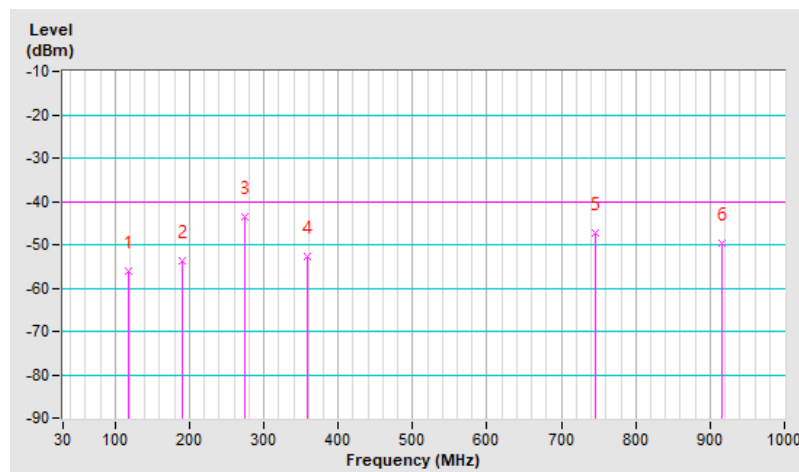
NR Band 48, Channel Bandwidth 40MHz

Mode	TX channel 641666 (3624.99MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21.3deg. C, 76%RH	Input Power	120 Vac, 60 Hz
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	117.30	-56.14	-40.00	-16.14	2.00 H	114	53.42	-109.56
2	191.02	-53.57	-40.00	-13.57	1.00 H	198	56.69	-110.26
3	275.41	-43.42	-40.00	-3.42	1.50 H	130	64.16	-107.58
4	358.83	-52.83	-40.00	-12.83	1.00 H	304	52.86	-105.69
5	745.86	-47.38	-40.00	-7.38	2.00 H	180	48.90	-96.28
6	915.61	-49.57	-40.00	-9.57	1.00 H	198	45.62	-95.19

Remarks:

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

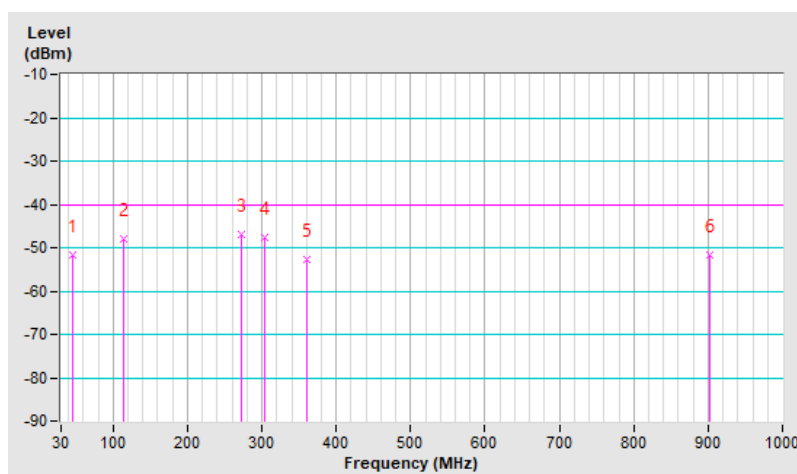


Mode	TX channel 641666 (3624.99MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21.3deg. C, 76%RH	Input Power	120 Vac, 60 Hz
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	45.52	-51.63	-40.00	-11.63	2.00 V	89	55.78	-107.41
2	114.39	-47.88	-40.00	-7.88	1.00 V	119	62.00	-109.88
3	272.50	-46.99	-40.00	-6.99	1.50 V	166	60.73	-107.72
4	304.51	-47.55	-40.00	-7.55	1.00 V	177	59.16	-106.71
5	359.80	-52.70	-40.00	-12.70	2.00 V	45	52.96	-105.66
6	902.03	-51.64	-40.00	-11.64	1.50 V	15	43.97	-95.61

Remarks:

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



Mode A2

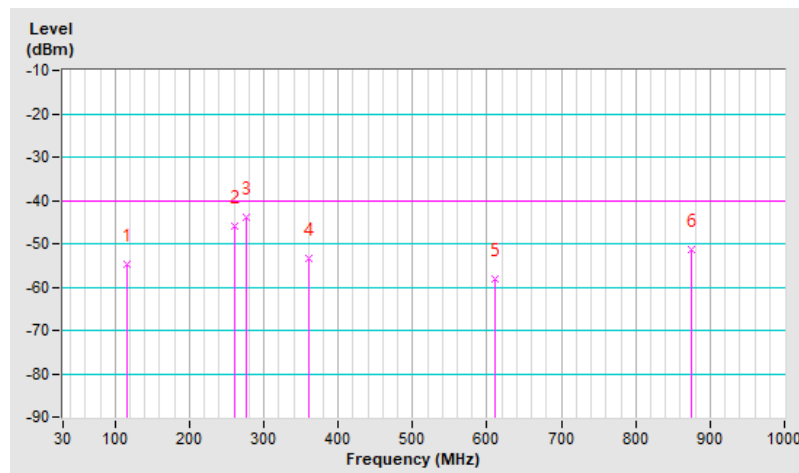
NR Band 48, Channel Bandwidth 20MHz+20MHz_Non-Contiguous

Mode	TX channel 637334 (3560.01MHz) + 639334 (3590.01MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21.3deg. C, 76%RH	Input Power	120 Vac, 60 Hz
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	115.36	-54.87	-40.00	-14.87	1.00 H	102	54.92	-109.79
2	259.89	-45.77	-40.00	-5.77	1.50 H	132	62.63	-108.40
3	276.38	-43.81	-40.00	-3.81	1.00 H	142	63.73	-107.54
4	359.80	-53.34	-40.00	-13.34	1.00 H	304	52.32	-105.66
5	611.03	-58.10	-40.00	-18.10	2.00 H	152	41.54	-99.64
6	874.87	-51.29	-40.00	-11.29	1.50 H	201	44.41	-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.

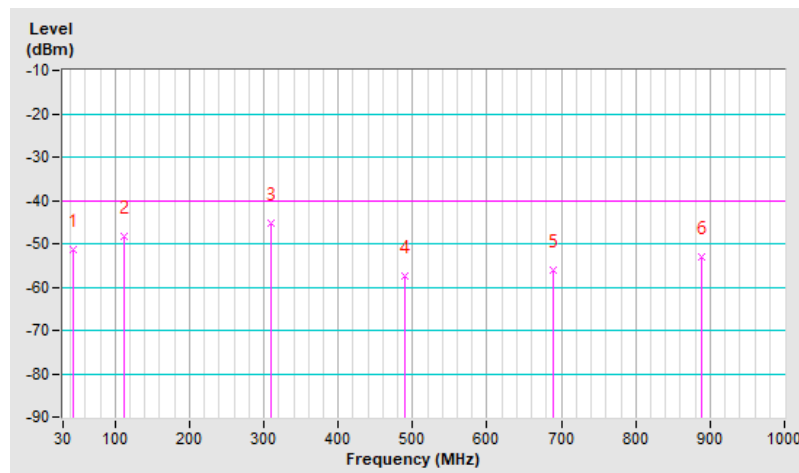


Mode	TX channel 637334 (3560.01MHz) + 639334 (3590.01MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21.3deg. C, 76%RH	Input Power	120 Vac, 60 Hz
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	44.55	-51.43	-40.00	-11.43	1.00 V	119	56.05	-107.48
2	112.45	-48.36	-40.00	-8.36	1.50 V	108	61.70	-110.06
3	309.36	-45.21	-40.00	-5.21	1.00 V	147	61.34	-106.55
4	489.78	-57.40	-40.00	-17.40	2.00 V	178	44.65	-102.05
5	689.60	-56.08	-40.00	-16.08	1.50 V	39	42.19	-98.27
6	889.42	-53.11	-40.00	-13.11	1.00 V	163	42.64	-95.75

Remarks:

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



Mode B1

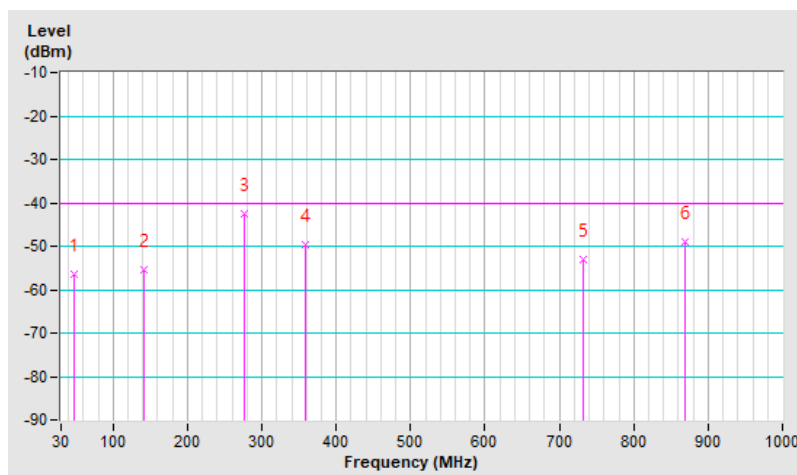
NR Band 48, Channel Bandwidth 20MHz

Mode	TX channel 641666 (3624.99MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21.3deg. C, 76%RH	Input Power	120 Vac, 60 Hz
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	48.43	-56.36	-40.00	-16.36	2.00 H	62	51.04	-107.40
2	140.58	-55.47	-40.00	-15.47	1.50 H	88	52.35	-107.82
3	277.35	-42.41	-40.00	-2.41	1.00 H	123	65.10	-107.51
4	358.83	-49.66	-40.00	-9.66	2.00 H	200	56.03	-105.69
5	732.28	-53.16	-40.00	-13.16	1.00 H	190	43.74	-96.90
6	869.05	-48.91	-40.00	-8.91	1.50 H	171	46.80	-95.71

Remarks:

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

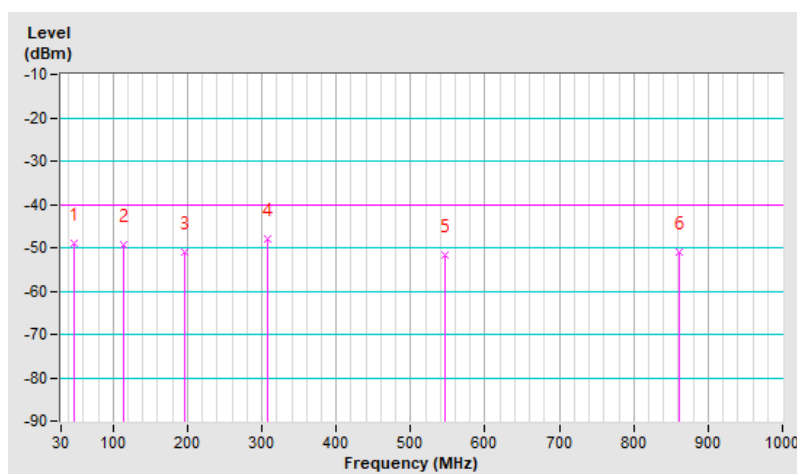


Mode	TX channel 641666 (3624.99MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21.3deg. C, 76%RH	Input Power	120 Vac, 60 Hz
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48.43	-48.89	-40.00	-8.89	1.00 V	153	58.51	-107.40
2	114.39	-49.28	-40.00	-9.28	1.50 V	126	60.60	-109.88
3	196.84	-51.15	-40.00	-11.15	2.00 V	284	59.48	-110.63
4	308.39	-47.95	-40.00	-7.95	1.00 V	169	58.64	-106.59
5	547.01	-51.62	-40.00	-11.62	1.50 V	86	49.47	-101.09
6	860.32	-50.94	-40.00	-10.94	2.00 V	302	44.70	-95.64

Remarks:

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



Mode B2

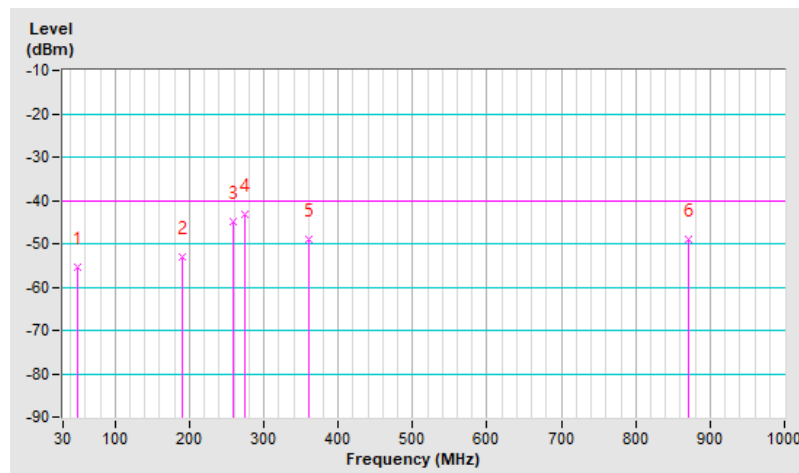
NR Band 48, Channel Bandwidth 20MHz+20MHz_Contiguous

Mode	TX channel 644666 (3669.99MHz) + 646000 (3690.00MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21.3deg. C, 76%RH	Input Power	120 Vac, 60 Hz
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	49.40	-55.38	-40.00	-15.38	1.00 H	72	52.09	-107.47
2	191.02	-53.15	-40.00	-13.15	2.00 H	183	57.11	-110.26
3	257.95	-45.01	-40.00	-5.01	1.00 H	148	63.47	-108.48
4	275.41	-43.26	-40.00	-3.26	1.00 H	139	64.32	-107.58
5	359.80	-48.85	-40.00	-8.85	1.50 H	198	56.81	-105.66
6	870.02	-48.97	-40.00	-8.97	2.00 H	215	46.74	-95.71

Remarks:

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

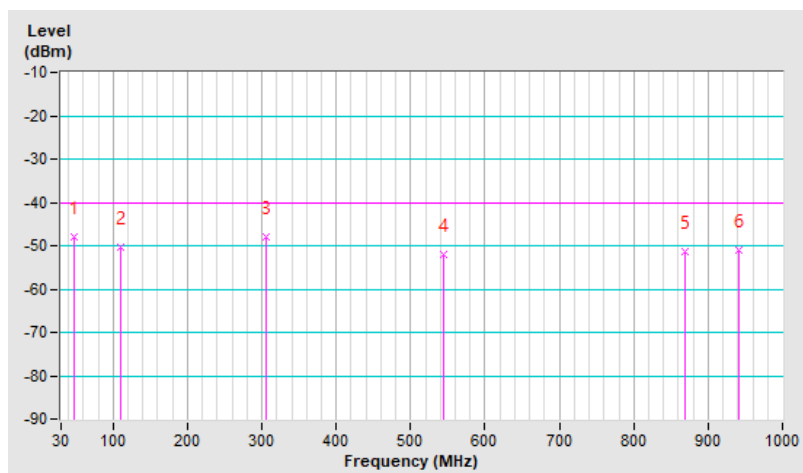


Mode	TX channel 644666 (3669.99MHz) + 646000 (3690.00MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	21.3deg. C, 76%RH	Input Power	120 Vac, 60 Hz
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48.43	-48.10	-40.00	-8.10	1.00 V	160	59.30	-107.40
2	110.51	-50.22	-40.00	-10.22	1.50 V	126	60.14	-110.36
3	305.48	-47.85	-40.00	-7.85	2.00 V	152	58.83	-106.68
4	545.07	-52.02	-40.00	-12.02	1.00 V	90	49.07	-101.09
5	869.05	-51.40	-40.00	-11.40	1.50 V	160	44.31	-95.71
6	941.80	-51.09	-40.00	-11.09	1.50 V	287	43.68	-94.77

Remarks:

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



Above 1GHz

Mode A1

NR Band 48, Channel Bandwidth 10MHz

Mode	TX channel 637000 (3555.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7110.00	-40.58	-40.00	-0.58	2.83 H	51	44.67	-85.25
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	7110.00	-41.11	-40.00	-1.11	1.27 V	298	44.14	-85.25

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.

Mode	TX channel 641666 (3624.99MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-43.95	-40.00	-3.95	1.18 H	38	41.65	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-44.78	-40.00	-4.78	2.45 V	48	40.82	-85.60

Remarks:

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

Mode	TX channel 646332 (3694.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7389.96	-40.74	-40.00	-0.74	1.10 H	34	44.41	-85.15
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	7389.96	-41.06	-40.00	-1.06	1.14 V	296	44.09	-85.15

Remarks:

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

NR Band 48, Channel Bandwidth 20MHz

Mode	TX channel 637334 (3560.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7115.04	-40.28	-40.00	-0.28	1.08 H	253	44.99	-85.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7115.04	-40.45	-40.00	-0.45	1.20 V	303	44.82	-85.27

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.

Mode	TX channel 641666 (3624.99MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-43.65	-40.00	-3.65	1.17 H	39	41.95	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-43.69	-40.00	-3.69	1.25 V	50	41.91	-85.60

Remarks:

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

Mode	TX channel 646000 (3690.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7380.00	-40.25	-40.00	-0.25	1.01 H	35	44.92	-85.17
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	7380.00	-41.79	-40.00	-1.79	1.13 V	314	43.38	-85.17

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.

NR Band 48, Channel Bandwidth 40MHz

Mode	TX channel 638000 (3570.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-40.80	-40.00	-0.80	1.14 H	253	44.57	-85.37
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-41.63	-40.00	-1.63	1.10 V	302	43.74	-85.37

Remarks:

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

Mode	TX channel 641666 (3624.99MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-43.68	-40.00	-3.68	1.18 H	44	41.92	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-44.17	-40.00	-4.17	1.11 V	60	41.43	-85.60

Remarks:

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

Mode	TX channel 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7359.96	-41.88	-40.00	-1.88	1.00 H	48	43.33	-85.21
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	7359.96	-42.86	-40.00	-2.86	1.19 V	315	42.35	-85.21

Remarks:

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

Mode A2

NR Band 48, Channel Bandwidth 20MHz+20MHz_Contiguous

Mode	TX channel 637334 (3560.01MHz) + 638668 (3580.02MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-41.10	-40.00	-1.10	2.76 H	53	44.19	-85.29
2	7160.04	-49.75	-40.00	-9.75	3.19 H	26	35.66	-85.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-42.13	-40.00	-2.13	1.53 V	328	43.16	-85.29
2	7160.04	-51.23	-40.00	-11.23	1.21 V	287	34.18	-85.41

Remarks:

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

Mode	TX channel 641000 (3615.00MHz) + 642334 (3635.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7230.00	-49.65	-40.00	-9.65	2.79 H	58	35.86	-85.51
2	7270.02	-45.79	-40.00	-5.79	2.87 H	34	39.68	-85.47
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	7230.00	-51.67	-40.00	-11.67	1.59 V	321	33.84	-85.51
2	7270.02	-47.34	-40.00	-7.34	1.54 V	283	38.13	-85.47

Remarks:

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

Mode	TX channel 644666 (3669.99MHz) + 646000 (3690.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7339.98	-48.16	-40.00	-8.16	2.45 H	330	37.08	-85.24
2	7380.00	-43.39	-40.00	-3.39	2.28 H	14	41.78	-85.17
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	7339.98	-49.97	-40.00	-9.97	1.58 V	327	35.27	-85.24
2	7380.00	-45.30	-40.00	-5.30	1.53 V	276	39.87	-85.17

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.

NR Band 48, Channel Bandwidth 20MHz+20MHz_Non-Contiguous

Mode	TX channel 637334 (3560.01MHz) + 639334 (3590.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-40.76	-40.00	-0.76	2.76 H	55	44.53	-85.29
2	7180.02	-49.51	-40.00	-9.51	1.75 H	28	35.87	-85.38
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	7120.02	-42.11	-40.00	-2.11	1.63 V	326	43.18	-85.29
2	7180.02	-50.73	-40.00	-10.73	1.24 V	282	34.65	-85.38

Remarks:

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

Mode	TX channel 640668 (3610.02MHz) + 642668 (3640.02MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7220.04	-47.74	-40.00	-7.74	2.83 H	59	37.72	-85.46
2	7280.04	-44.02	-40.00	-4.02	1.83 H	31	41.38	-85.40
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	7220.04	-49.62	-40.00	-9.62	1.58 V	318	35.84	-85.46
2	7280.04	-44.64	-40.00	-4.64	1.34 V	294	40.76	-85.40

Remarks:

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

Mode	TX channel 644000 (3660.00MHz) + 646000 (3690.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7320.00	-47.43	-40.00	-7.43	2.81 H	57	37.82	-85.25
2	7380.00	-43.75	-40.00	-3.75	2.25 H	14	41.42	-85.17
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	7320.00	-49.01	-40.00	-9.01	1.67 V	323	36.24	-85.25
2	7380.00	-45.69	-40.00	-5.69	1.43 V	287	39.48	-85.17

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.

NR Band 48, Channel Bandwidth 40MHz+40MHz_Contiguous

Mode	TX channel 638000 (3570.00MHz) + 640668 (3610.02MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-41.40	-40.00	-1.40	2.83 H	57	43.97	-85.37
2	7220.04	-47.10	-40.00	-7.10	2.58 H	26	38.36	-85.46
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	7140.00	-43.13	-40.00	-3.13	1.57 V	328	42.24	-85.37
2	7220.04	-48.87	-40.00	-8.87	1.27 V	289	36.59	-85.46

Remarks:

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

Mode	TX channel 640332 (3604.98MHz) + 643000 (3645.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7209.96	-49.03	-40.00	-9.03	2.73 H	54	36.38	-85.41
2	7290.00	-44.54	-40.00	-4.54	2.91 H	37	40.79	-85.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7209.96	-50.59	-40.00	-10.59	1.64 V	317	34.82	-85.41
2	7290.00	-46.20	-40.00	-6.20	1.52 V	286	39.13	-85.33

Remarks:

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

Mode	TX channel 642664 (3639.96MHz) + 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7279.92	-49.28	-40.00	-9.28	2.47 H	328	36.12	-85.40
2	7359.96	-42.14	-40.00	-2.14	2.28 H	15	43.07	-85.21
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	7279.92	-50.82	-40.00	-10.82	1.55 V	324	34.58	-85.40
2	7359.96	-43.95	-40.00	-3.95	1.51 V	283	41.26	-85.21

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.

NR Band 48, Channel Bandwidth 40MHz+40MHz_Non-Contiguous

Mode	TX channel 638000 (3570.00MHz) + 641334 (3620.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-41.51	-40.00	-1.51	2.84 H	54	43.86	-85.37
2	7240.02	-44.73	-40.00	-4.73	1.84 H	31	40.83	-85.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-44.24	-40.00	-4.24	1.66 V	328	41.13	-85.37
2	7240.02	-47.98	-40.00	-7.98	1.29 V	287	37.58	-85.56

Remarks:

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

Mode	TX channel 640000 (3600.00MHz) + 643334 (3650.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7200.00	-47.42	-40.00	-7.42	2.89 H	55	37.94	-85.36
2	7300.02	-45.48	-40.00	-5.48	1.78 H	33	39.78	-85.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7200.00	-49.09	-40.00	-9.09	1.54 V	313	36.27	-85.36
2	7300.02	-46.93	-40.00	-6.93	1.38 V	301	38.33	-85.26

Remarks:

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

Mode	TX channel 641998 (3629.97MHz) + 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7259.94	-46.57	-40.00	-6.57	2.94 H	62	38.97	-85.54
2	7359.96	-42.43	-40.00	-2.43	2.12 H	61	42.78	-85.21
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	7259.94	-48.30	-40.00	-8.30	1.64 V	318	37.24	-85.54
2	7359.96	-44.18	-40.00	-4.18	1.48 V	281	41.03	-85.21

Remarks:

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

Mode B1

NR Band 48, Channel Bandwidth 10MHz

Mode	TX channel 637000 (3555.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7110.00	-46.21	-40.00	-6.21	2.80 H	285	39.04	-85.25
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	7110.00	-40.12	-40.00	-0.12	2.24 V	310	45.13	-85.25

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.

Mode	TX channel 641666 (3624.99MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-46.74	-40.00	-6.74	2.76 H	281	38.86	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-40.89	-40.00	-0.89	2.07 V	310	44.71	-85.60

Remarks:

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

Mode	TX channel 646332 (3694.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7389.96	-45.97	-40.00	-5.97	2.74 H	287	39.18	-85.15
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	7389.96	-40.60	-40.00	-0.60	2.20 V	36	44.55	-85.15

Remarks:

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

NR Band 48, Channel Bandwidth 20MHz

Mode	TX channel 637334 (3560.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7115.04	-46.03	-40.00	-6.03	2.73 H	281	39.24	-85.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7115.04	-40.16	-40.00	-0.16	2.10 V	315	45.11	-85.27

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.

Mode	TX channel 641666 (3624.99MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-46.96	-40.00	-6.96	2.83 H	289	38.64	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-41.67	-40.00	-1.67	2.09 V	311	43.93	-85.60

Remarks:

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

Mode	TX channel 646000 (3690.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7380.00	-45.29	-40.00	-5.29	2.83 H	292	39.88	-85.17
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	7380.00	-40.12	-40.00	-0.12	2.02 V	313	45.05	-85.17

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.

NR Band 48, Channel Bandwidth 40MHz

Mode	TX channel 638000 (3570.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-46.88	-40.00	-6.88	2.81 H	287	38.49	-85.37
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-42.05	-40.00	-2.05	2.06 V	309	43.32	-85.37

Remarks:

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

Mode	TX channel 641666 (3624.99MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-47.31	-40.00	-7.31	2.80 H	288	38.29	-85.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-42.42	-40.00	-2.42	2.13 V	308	43.18	-85.60

Remarks:

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

Mode	TX channel 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7359.96	-51.34	-40.00	-11.34	2.06 H	250	33.87	-85.21
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	7359.96	-46.27	-40.00	-6.27	2.20 V	34	38.94	-85.21

Remarks:

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

Mode B2

NR Band 48, Channel Bandwidth 20MHz+20MHz_Contiguous

Mode	TX channel 637334 (3560.01MHz) + 638668 (3580.02MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-51.51	-40.00	-11.51	1.07 H	200	33.78	-85.29
2	7160.04	-54.48	-40.00	-14.48	2.68 H	286	30.93	-85.41
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-45.19	-40.00	-5.19	1.96 V	317	40.10	-85.29
2	7160.04	-53.99	-40.00	-13.99	2.02 V	32	31.42	-85.41

Remarks:

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

Mode	TX channel 641000 (3615.00MHz) + 642334 (3635.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7230.00	-49.92	-40.00	-9.92	1.14 H	198	35.59	-85.51
2	7270.02	-51.17	-40.00	-11.17	2.29 H	71	34.30	-85.47
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	7230.00	-43.61	-40.00	-3.61	2.09 V	313	41.90	-85.51
2	7270.02	-50.32	-40.00	-10.32	2.02 V	359	35.15	-85.47

Remarks:

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

Mode	TX channel 644666 (3669.99MHz) + 646000 (3690.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7339.98	-50.66	-40.00	-10.66	1.24 H	227	34.58	-85.24
2	7380.00	-49.17	-40.00	-9.17	2.46 H	61	36.00	-85.17
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	7339.98	-44.04	-40.00	-4.04	1.98 V	39	41.20	-85.24
2	7380.00	-44.95	-40.00	-4.95	1.96 V	223	40.22	-85.17

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.

NR Band 48, Channel Bandwidth 20MHz+20MHz_Non-Contiguous

Mode	TX channel 637334 (3560.01MHz) + 639334 (3590.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-51.31	-40.00	-11.31	2.08 H	273	33.98	-85.29
2	7180.02	-54.30	-40.00	-14.30	2.96 H	113	31.08	-85.38
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	7120.02	-41.94	-40.00	-1.94	2.14 V	316	43.35	-85.29
2	7180.02	-50.80	-40.00	-10.80	2.17 V	309	34.58	-85.38

Remarks:

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

Mode	TX channel 640668 (3610.02MHz) + 642668 (3640.02MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7220.04	-49.60	-40.00	-9.60	1.05 H	200	35.86	-85.46
2	7280.04	-53.33	-40.00	-13.33	2.05 H	126	32.07	-85.40
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	7220.04	-45.43	-40.00	-5.43	2.26 V	313	40.03	-85.46
2	7280.04	-52.68	-40.00	-12.68	1.96 V	2	32.72	-85.40

Remarks:

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

Mode	TX channel 644000 (3660.00MHz) + 646000 (3690.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7320.00	-52.01	-40.00	-12.01	1.20 H	201	33.24	-85.25
2	7380.00	-50.79	-40.00	-10.79	2.19 H	59	34.38	-85.17
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	7320.00	-44.61	-40.00	-4.61	2.03 V	38	40.64	-85.25
2	7380.00	-44.77	-40.00	-4.77	2.01 V	320	40.40	-85.17

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.

NR Band 48, Channel Bandwidth 40MHz+40MHz_Contiguous

Mode	TX channel 638000 (3570.00MHz) + 640668 (3610.02MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-52.34	-40.00	-12.34	1.32 H	203	33.03	-85.37
2	7220.04	-53.64	-40.00	-13.64	2.18 H	69	31.82	-85.46
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	7140.00	-43.42	-40.00	-3.42	2.17 V	315	41.95	-85.37
2	7220.04	-52.67	-40.00	-12.67	2.24 V	313	32.79	-85.46

Remarks:

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

Mode	TX channel 640332 (3604.98MHz) + 643000 (3645.00MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7203.96	-50.08	-40.00	-10.08	1.23 H	200	35.31	-85.39
2	7290.00	-51.56	-40.00	-11.56	2.45 H	73	33.77	-85.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7203.96	-43.06	-40.00	-3.06	2.25 V	313	42.33	-85.39
2	7290.00	-50.81	-40.00	-10.81	1.75 V	12	34.52	-85.33

Remarks:

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

Mode	TX channel 642664 (3639.96MHz) + 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7279.92	-53.26	-40.00	-13.26	1.49 H	226	32.14	-85.40
2	7359.96	-51.65	-40.00	-11.65	2.69 H	74	33.56	-85.21
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	7279.92	-45.42	-40.00	-5.42	2.06 V	40	39.98	-85.40
2	7359.96	-49.10	-40.00	-9.10	1.99 V	222	36.11	-85.21

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.

NR Band 48, Channel Bandwidth 40MHz+40MHz_Non-Contiguous

Mode	TX channel 638000 (3570.00MHz) + 641334 (3620.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-49.91	-40.00	-9.91	2.30 H	288	35.46	-85.37
2	7240.02	-55.18	-40.00	-15.18	2.03 H	126	30.38	-85.56
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-43.48	-40.00	-3.48	2.10 V	314	41.89	-85.37
2	7240.02	-52.35	-40.00	-12.35	2.01 V	24	33.21	-85.56

Remarks:

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

Mode	TX channel 640000 (3600.00MHz) + 643334 (3650.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7200.00	-50.26	-40.00	-10.26	1.14 H	203	35.10	-85.36
2	7300.02	-51.28	-40.00	-11.28	2.43 H	69	33.98	-85.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7200.00	-42.99	-40.00	-2.99	2.18 V	312	42.37	-85.36
2	7300.02	-50.34	-40.00	-10.34	2.17 V	25	34.92	-85.26

Remarks:

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

Mode	TX channel 641998 (3629.97MHz) + 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	21.3deg. C, 76.3%RH	Input Power	120 Vac, 60 Hz
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7259.94	-53.63	-40.00	-13.63	1.44 H	227	31.91	-85.54
2	7359.96	-50.99	-40.00	-10.99	2.83 H	71	34.22	-85.21
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	7259.94	-45.88	-40.00	-5.88	2.12 V	40	39.66	-85.54
2	7359.96	-47.86	-40.00	-7.86	2.05 V	317	37.35	-85.21

Remarks:

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

5 Pictures of Test Arrangements

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

Appendix – Information of the Testing Laboratories

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

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

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