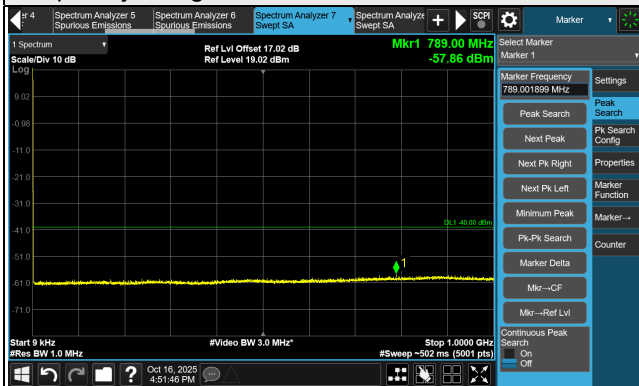


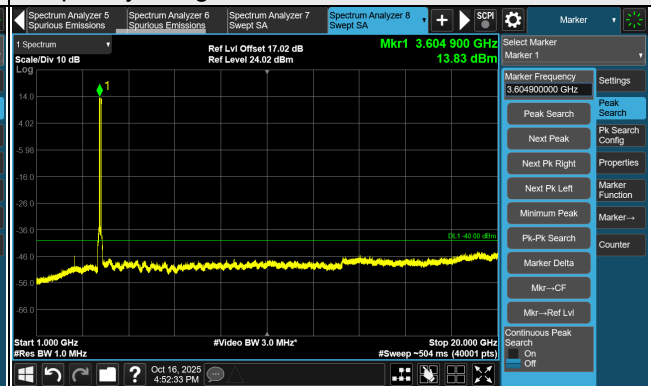
Channel Band width: 20MHz+40MHz

Channel 639834 (3597.51MHz) + 644168 (3662.52MHz)

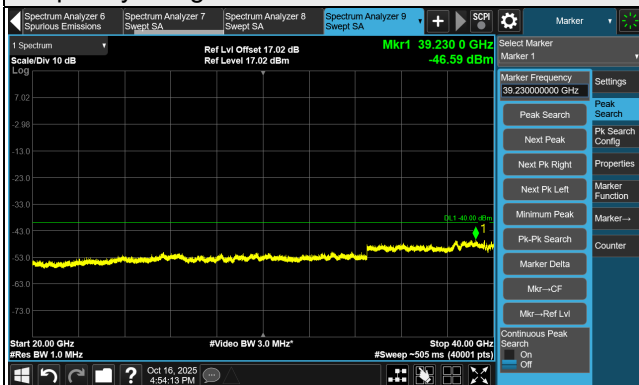
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz



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

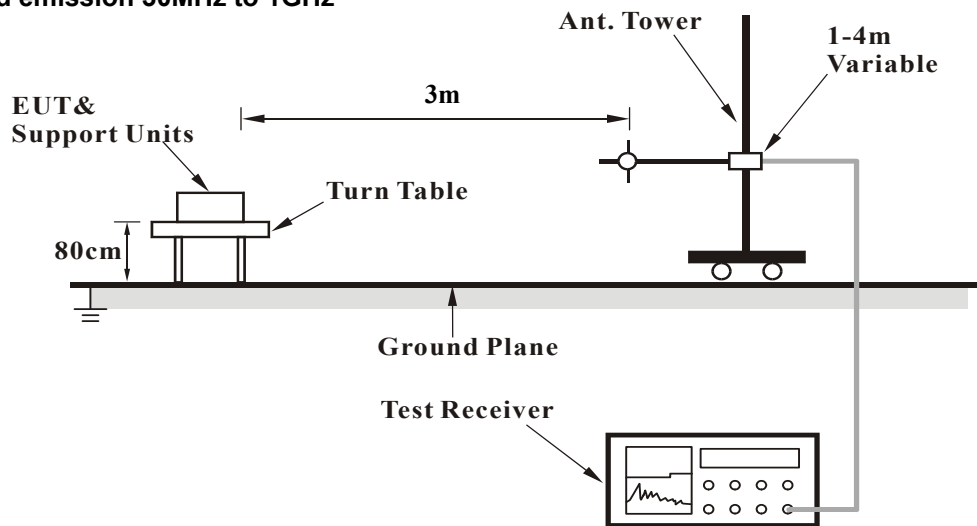
4.7 Radiated Emission Measurement

4.7.1 Limits of Radiated Emission Measurement

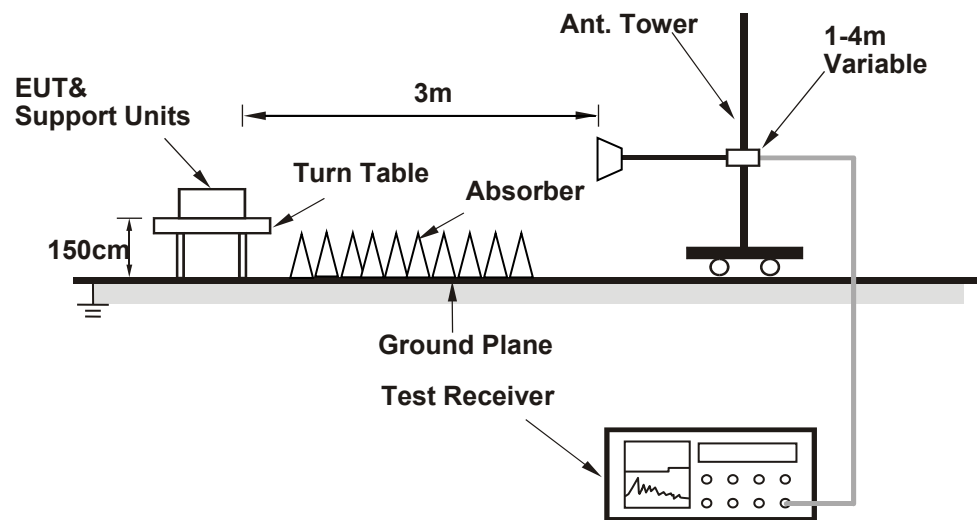
The power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz .

4.7.2 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).

4.7.3 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due
EMI Test Receiver Keysight	N9038B	MY60180019	2025/01/15	2026/01/14
EXA Signal Analyzer Agilent	N9010A	MY56070348	2025/07/14	2026/07/13
Loop Antenna TESEQ	HLA 6121	45745	2025/09/01	2026/08/31
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-3000	201235	2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-9000	201236(with PAD)	2025/01/14	2026/01/13
Preamplifier EMCI	EMC330N	980782	2025/01/14	2026/01/13
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-1213	2025/09/18	2026/09/17
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201233	2025/01/14	2026/01/13
Horn Antenna RFSPIN	DRH18-E	210103A18E	2025/11/9	2026/11/8
Preamplifier EMCI	EMC118A45SE	980808	2024/12/26	2025/12/25
RF Coaxial Cable EMCI	EMC104-SM-SM-1000	210102	2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMC104-SM-SM-3000	201231	2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMC104-SM-SM-9000	201243	2025/01/14	2026/01/13
Preamplifier EMCI	EMC184045SE	980788	2025/01/14	2026/01/13
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2025/11/9	2026/11/8
RF Coaxial Cable EMCI	EMC101G-KM-KM-5000	201261	2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMC101G-KM-KM-3000	201258	2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2025/01/14	2026/01/13
Software BV ADT	ADT_Radiated_V7.6.15.9.5	NA	NA	NA
Antenna Tower Max-Full	MFT-151SS-0.5T	NA	NA	NA
Turn Table Max-Full	MF-7802BS	NA	NA	NA
Turn Table Controller Max-Full	MF-7802BS	MF780208674	NA	NA

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 WM Chamber 8.
3. Test date: 2025/11/12

4.7.4 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.

4.7.5 Deviation from Test Standard

No deviation.

4.7.6 EUT Operating Conditions

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

4.7.7 Test Results

Below 1GHz Data

Mode E3

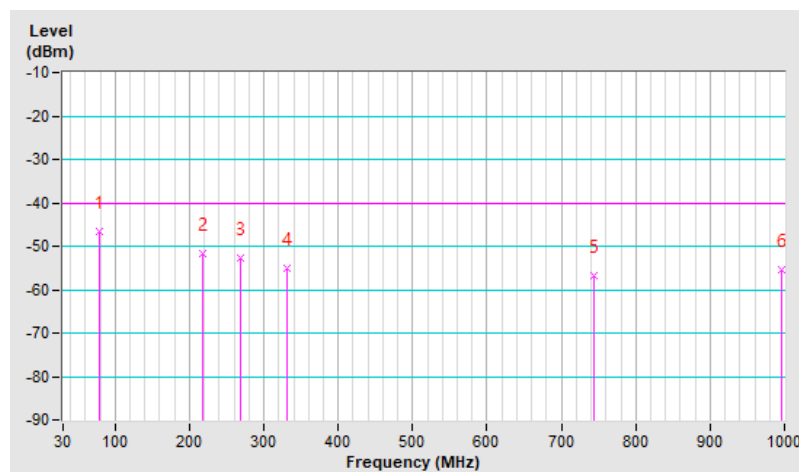
NR Band 48, Channel Bandwidth 20+40MHz

Mode	TX channel 637334 + 639334 (3560.01 + 3590.01 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	78.50	-46.54	-40.00	-6.54	1.00 H	158	66.34	-112.88
2	217.21	-51.56	-40.00	-11.56	1.00 H	255	59.95	-111.51
3	268.62	-52.63	-40.00	-12.63	1.50 H	261	55.90	-108.53
4	331.67	-54.98	-40.00	-14.98	1.00 H	261	51.35	-106.33
5	742.95	-56.82	-40.00	-16.82	1.00 H	256	40.50	-97.32
6	996.12	-55.29	-40.00	-15.29	1.00 H	184	39.17	-94.46

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.

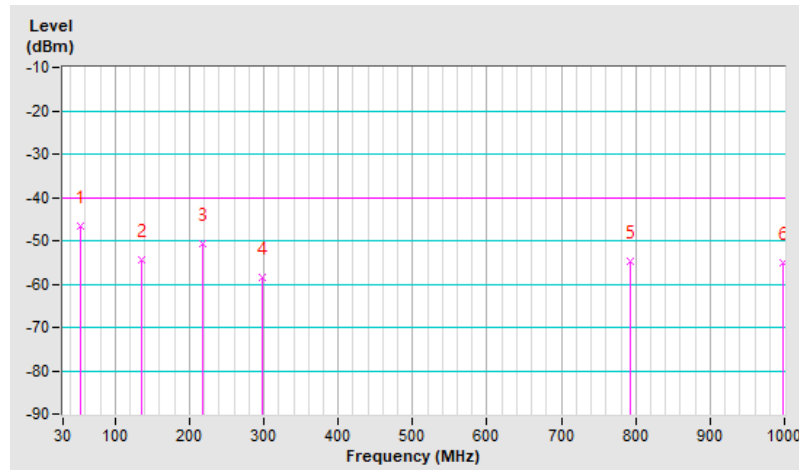


Mode	TX channel 637334 + 639334 (3560.01 + 3590.01 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	53.28	-46.71	-40.00	-6.71	1.00 V	67	61.70	-108.41
2	135.73	-54.40	-40.00	-14.40	1.00 V	244	54.33	-108.73
3	217.21	-50.84	-40.00	-10.84	1.00 V	231	60.67	-111.51
4	298.69	-58.48	-40.00	-18.48	1.00 V	212	49.00	-107.48
5	792.42	-54.79	-40.00	-14.79	1.00 V	314	41.89	-96.68
6	998.06	-54.96	-40.00	-14.96	1.00 V	109	39.43	-94.39

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.



Mode E4

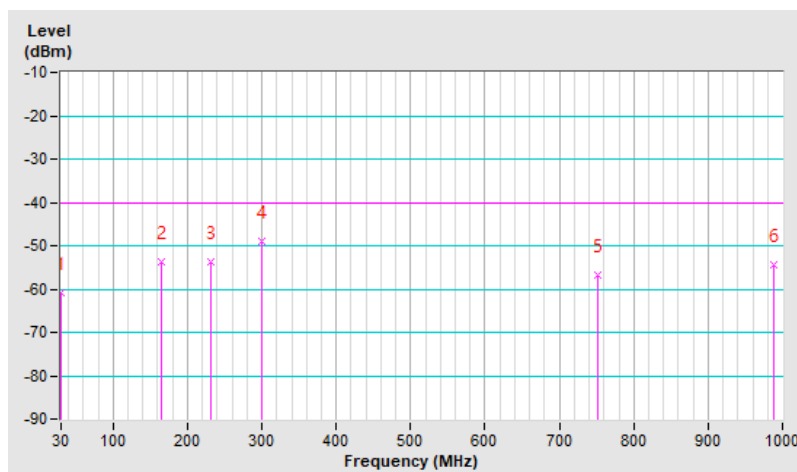
NR Band 48, Channel Bandwidth 20+40MHz

Mode	TX channel 637334 + 639334 (3560.01 + 3590.01 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	30.00	-60.79	-40.00	-20.79	2.00 H	179	48.77	-109.56
2	165.80	-53.86	-40.00	-13.86	1.00 H	156	54.29	-108.15
3	230.79	-53.69	-40.00	-13.69	1.00 H	256	56.65	-110.34
4	300.63	-49.03	-40.00	-9.03	1.00 H	117	58.39	-107.42
5	750.71	-56.69	-40.00	-16.69	1.00 H	146	40.45	-97.14
6	988.36	-54.30	-40.00	-14.30	1.00 H	2	40.26	-94.56

Remarks:

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

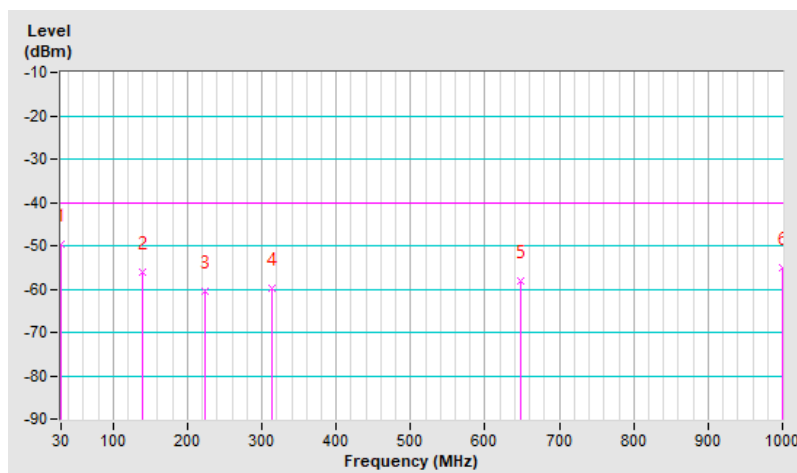


Mode	TX channel 637334 + 639334 (3560.01 + 3590.01 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	30.00	-49.50	-40.00	-9.50	1.00 V	203	60.06	-109.56
2	139.61	-56.08	-40.00	-16.08	1.00 V	335	52.37	-108.45
3	224.00	-60.48	-40.00	-20.48	1.00 V	130	50.79	-111.27
4	313.24	-59.93	-40.00	-19.93	1.00 V	32	46.95	-106.88
5	648.86	-58.30	-40.00	-18.30	1.00 V	227	40.87	-99.17
6	1000.00	-55.24	-40.00	-15.24	1.00 V	330	39.08	-94.32

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m).$
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 F3

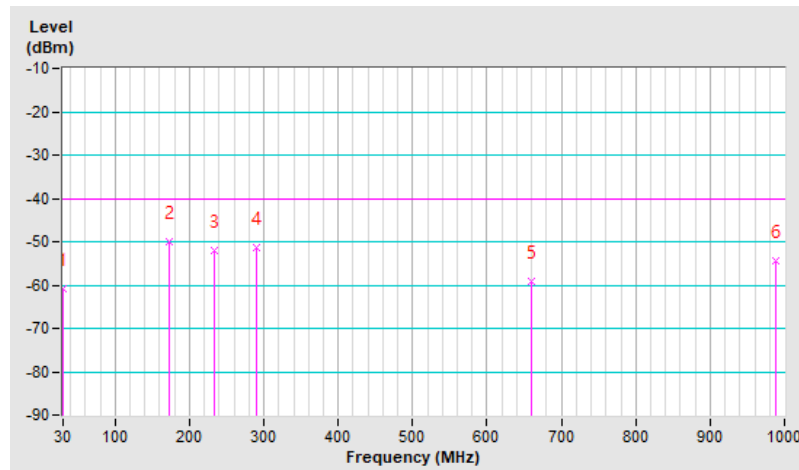
NR Band 48, Channel Bandwidth 20+40MHz

Mode	TX channel 637334 + 639334 (3560.01 + 3590.01 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	30.00	-60.79	-40.00	-20.79	2.00 H	179	48.77	-109.56
2	173.56	-49.97	-40.00	-9.97	1.00 H	266	58.79	-108.76
3	233.70	-52.10	-40.00	-12.10	1.00 H	278	57.91	-110.01
4	289.96	-51.24	-40.00	-11.24	1.00 H	145	56.42	-107.66
5	660.50	-59.00	-40.00	-19.00	1.00 H	266	39.97	-98.97
6	988.36	-54.30	-40.00	-14.30	1.00 H	2	40.26	-94.56

Remarks:

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

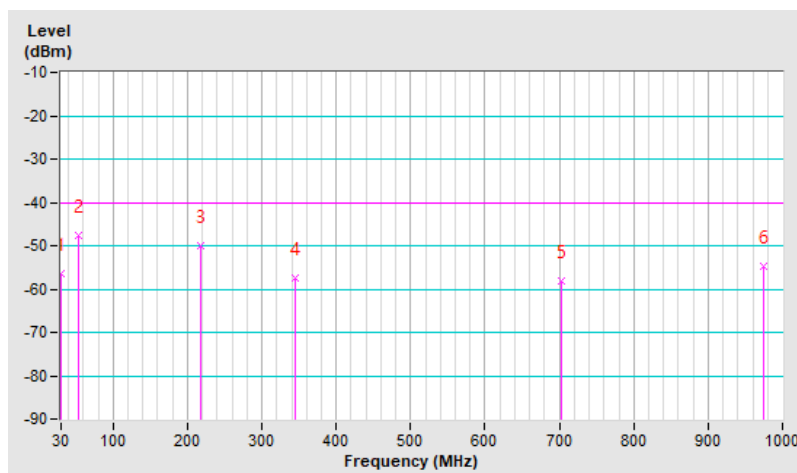


Mode	TX channel 637334 + 639334 (3560.01 + 3590.01 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	30.97	-56.32	-40.00	-16.32	1.00 V	18	53.47	-109.79
2	53.28	-47.55	-40.00	-7.55	1.00 V	88	60.86	-108.41
3	217.21	-50.07	-40.00	-10.07	1.00 V	223	61.44	-111.51
4	344.28	-57.47	-40.00	-17.47	1.00 V	221	48.80	-106.27
5	703.18	-58.11	-40.00	-18.11	1.00 V	26	40.14	-98.25
6	973.81	-54.63	-40.00	-14.63	1.00 V	320	40.10	-94.73

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m).$
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 F4

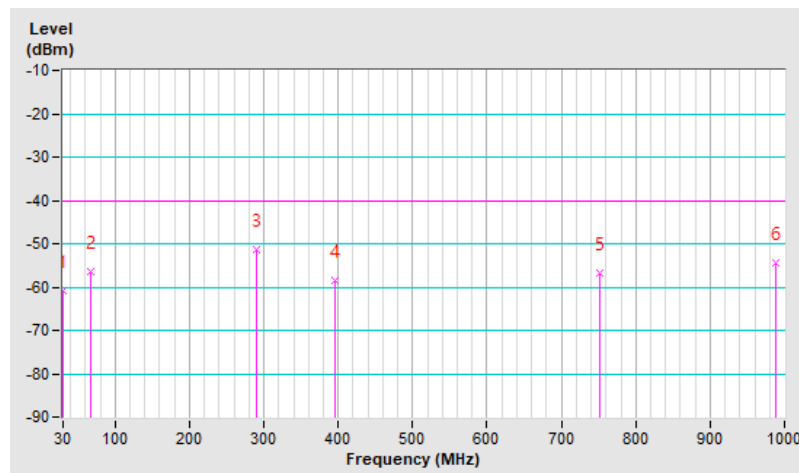
NR Band 48, Channel Bandwidth 20+40MHz

Mode	TX channel 637334 + 639334 (3560.01 + 3590.01 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	30.00	-60.79	-40.00	-20.79	2.00 H	179	48.77	-109.56
2	66.86	-56.57	-40.00	-16.57	1.00 H	203	53.37	-109.94
3	289.96	-51.24	-40.00	-11.24	1.00 H	145	56.42	-107.66
4	396.66	-58.32	-40.00	-18.32	1.00 H	16	46.62	-104.94
5	750.71	-56.69	-40.00	-16.69	1.00 H	146	40.45	-97.14
6	988.36	-54.30	-40.00	-14.30	1.00 H	2	40.26	-94.56

Remarks:

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

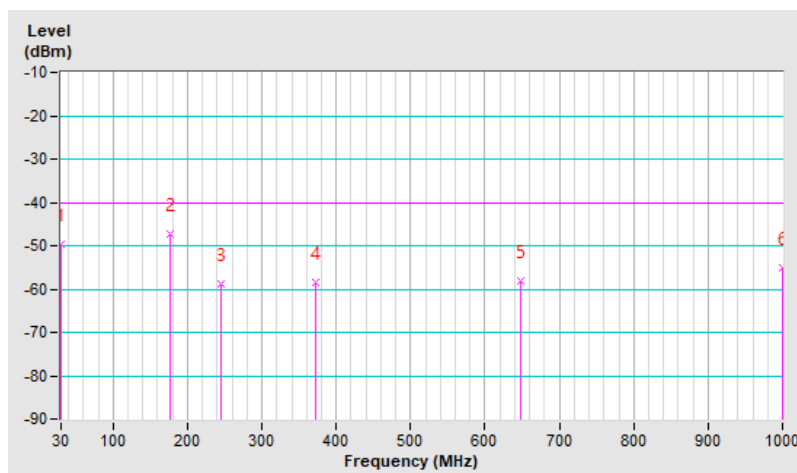


Mode	TX channel 637334 + 639334 (3560.01 + 3590.01 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	30.00	-49.50	-40.00	-9.50	1.00 V	203	60.06	-109.56
2	177.44	-47.30	-40.00	-7.30	1.00 V	4	61.92	-109.22
3	244.37	-58.77	-40.00	-18.77	1.00 V	305	50.61	-109.38
4	371.44	-58.39	-40.00	-18.39	1.00 V	206	47.15	-105.54
5	648.86	-58.30	-40.00	-18.30	1.00 V	227	40.87	-99.17
6	1000.00	-55.24	-40.00	-15.24	1.00 V	330	39.08	-94.32

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m).$
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 E3

NR Band 48, Channel Bandwidth 20MHz+40MHz

Mode	TX channel 637334 (3560.01MHz) + 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	-45.41	-40.00	-5.41	2.25 H	177	42.59	-88.00
2	7359.96	-45.07	-40.00	-5.07	2.97 H	179	42.53	-87.60
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	7120.02	-45.18	-40.00	-5.18	2.79 V	134	42.82	-88.00
2	7359.96	-45.22	-40.00	-5.22	2.14 V	169	42.38	-87.60

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 639500 (3592.5MHz) + 644500 (3667.5MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	7185.00	-45.23	-40.00	-5.23	1.87 H	110	42.77	-88.00
2	7335.00	-45.34	-40.00	-5.34	2.71 H	164	42.28	-87.62
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	7185.00	-45.48	-40.00	-5.48	2.89 V	313	42.52	-88.00
2	7335.00	-45.05	-40.00	-5.05	2.28 V	223	42.57	-87.62

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m).$
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 639834 (3597.51MHz) + 644168 (3662.52MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	7195.02	-45.38	-40.00	-5.38	1.92 H	301	42.58	-87.96
2	7325.04	-44.93	-40.00	-4.93	1.89 H	285	42.71	-87.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7195.02	-45.21	-40.00	-5.21	1.34 V	241	42.75	-87.96
2	7325.04	-44.99	-40.00	-4.99	1.99 V	160	42.65	-87.64

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	TX channel 637334 (3560.01MHz) + 639334 (3590.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	-45.27	-40.00	-5.27	2.78 H	318	42.73	-88.00
2	7180.02	-45.38	-40.00	-5.38	1.77 H	247	42.63	-88.01
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	-45.42	-40.00	-5.42	2.20 V	226	42.58	-88.00
2	7180.02	-45.32	-40.00	-5.32	1.86 V	123	42.69	-88.01

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
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 643332 (3649.98MHz) + 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	7299.96	-44.98	-40.00	-4.98	1.68 H	195	42.73	-87.71
2	7359.96	-44.77	-40.00	-4.77	2.55 H	213	42.83	-87.60
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	7299.96	-45.06	-40.00	-5.06	2.35 V	116	42.65	-87.71
2	7359.96	-44.89	-40.00	-4.89	2.16 V	244	42.71	-87.60

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 F3

NR Band 48, Channel Bandwidth 20MHz+40MHz

Mode	TX channel 637334 (3560.01MHz) + 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	-45.38	-40.00	-5.38	2.07 H	214	42.62	-88.00
2	7359.96	-45.14	-40.00	-5.14	1.65 H	182	42.46	-87.60
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	7120.02	-45.13	-40.00	-5.13	2.50 V	185	42.87	-88.00
2	7359.96	-44.95	-40.00	-4.95	1.77 V	112	42.65	-87.60

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 639500 (3592.5MHz) + 644500 (3667.5MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	7185.00	-45.68	-40.00	-5.68	2.03 H	266	42.32	-88.00
2	7335.00	-45.30	-40.00	-5.30	1.50 H	176	42.32	-87.62
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	7185.00	-45.43	-40.00	-5.43	1.26 V	202	42.57	-88.00
2	7335.00	-45.14	-40.00	-5.14	1.65 V	311	42.48	-87.62

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
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 639834 (3597.51MHz) + 644168 (3662.52MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	7195.02	-45.10	-40.00	-5.10	2.58 H	168	42.86	-87.96
2	7325.04	-44.88	-40.00	-4.88	2.26 H	144	42.76	-87.64
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7195.02	-45.52	-40.00	-5.52	1.99 V	182	42.44	-87.96
2	7325.04	-45.05	-40.00	-5.05	1.81 V	318	42.59	-87.64

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	TX channel 637334 (3560.01MHz) + 639334 (3590.01MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	-45.25	-40.00	-5.25	2.36 H	195	42.75	-88.00
2	7180.02	-45.55	-40.00	-5.55	1.73 H	195	42.46	-88.01
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	-45.71	-40.00	-5.71	2.20 V	140	42.29	-88.00
2	7180.02	-45.23	-40.00	-5.23	1.26 V	168	42.78	-88.01

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
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 643332 (3649.98MHz) + 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Owen Lee		

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	7299.96	-44.88	-40.00	-4.88	2.81 H	143	42.83	-87.71
2	7359.96	-45.14	-40.00	-5.14	1.71 H	136	42.46	-87.60
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	7299.96	-45.00	-40.00	-5.00	1.89 V	274	42.71	-87.71
2	7359.96	-44.87	-40.00	-4.87	2.12 V	124	42.73	-87.60

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.

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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