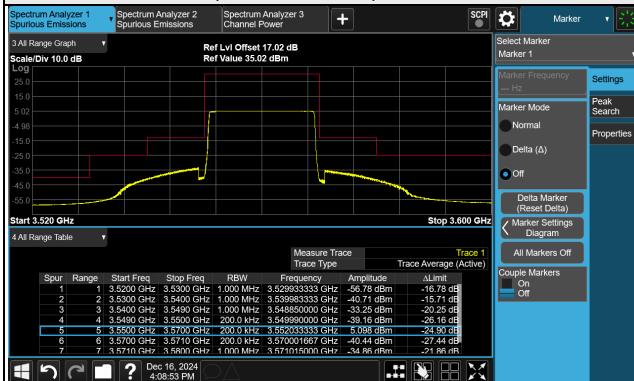
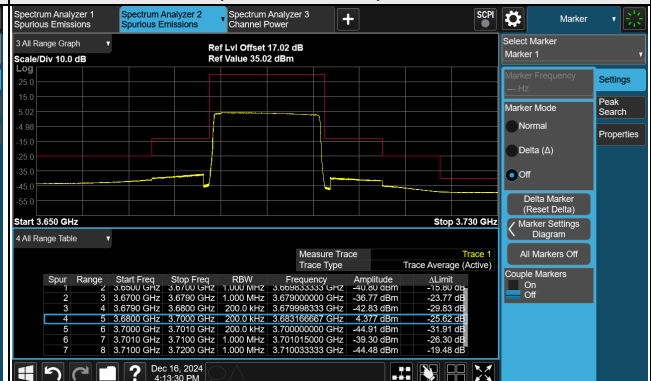


NR Band 48, Channel Bandwidth 20MHz+20MHz

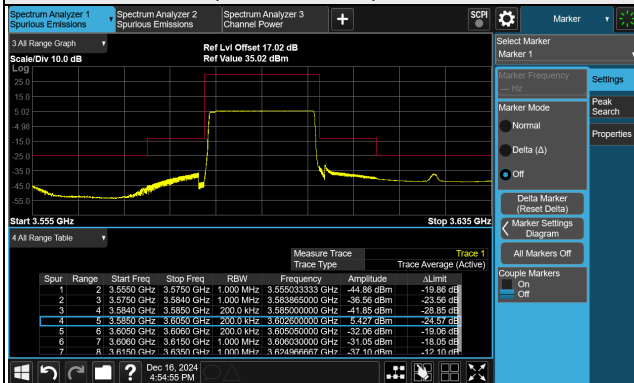
Channel 637334 (3560.01MHz)



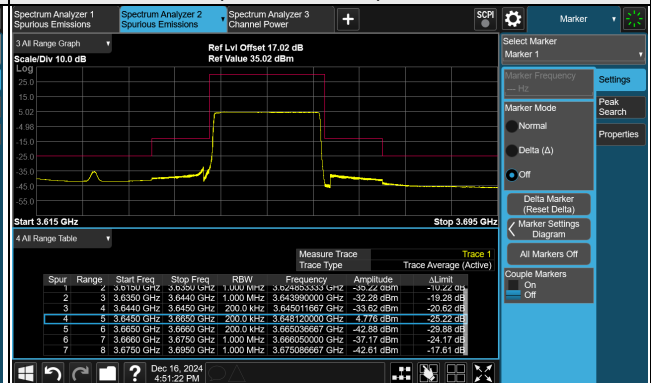
Channel 646000 (3690.00MHz)



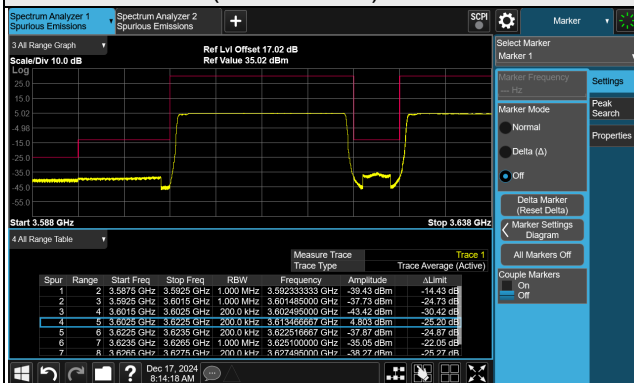
Channel 639668 (3595.02MHz)



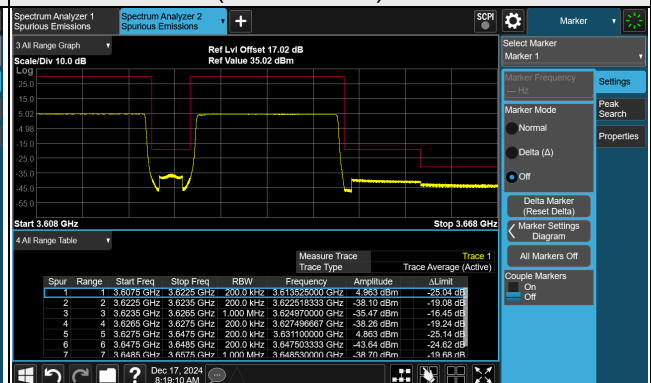
Channel 643668 (3655.02MHz)



Channel 640834 (3612.51MHz)



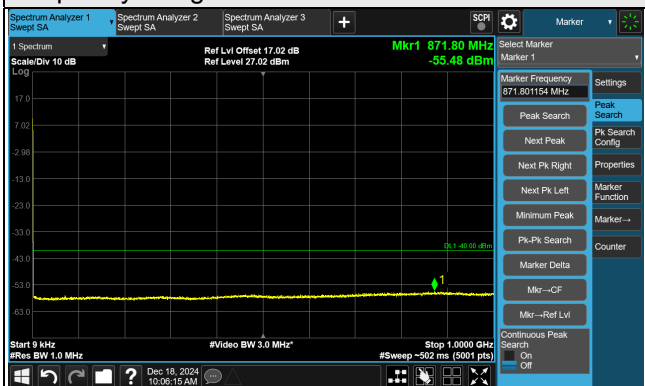
Channel 642502 (3637.53MHz)



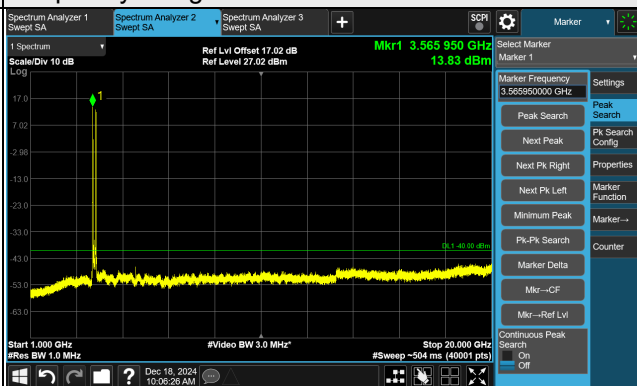
Channel Band width: 20MHz+20MHz

Channel 637334 (3560.01MHz)+646000 (3690.00MHz)

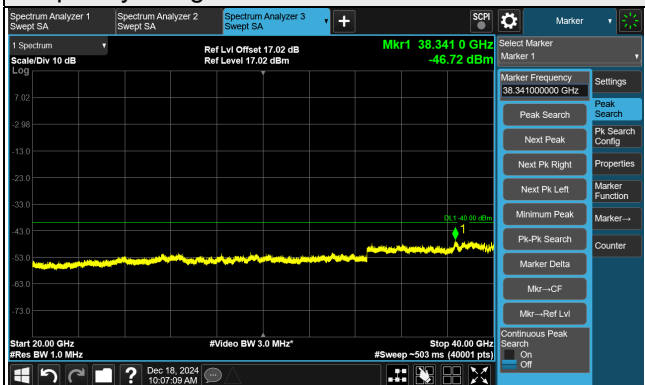
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz

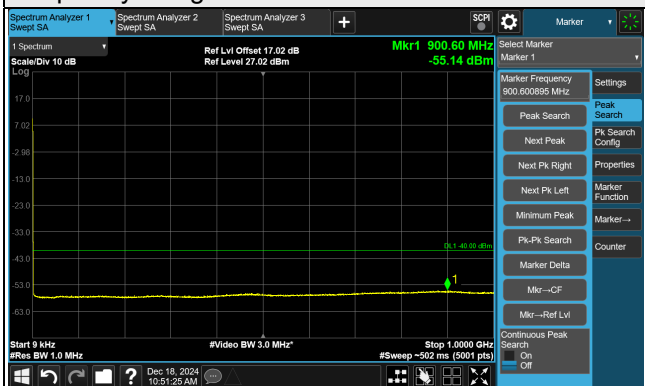


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

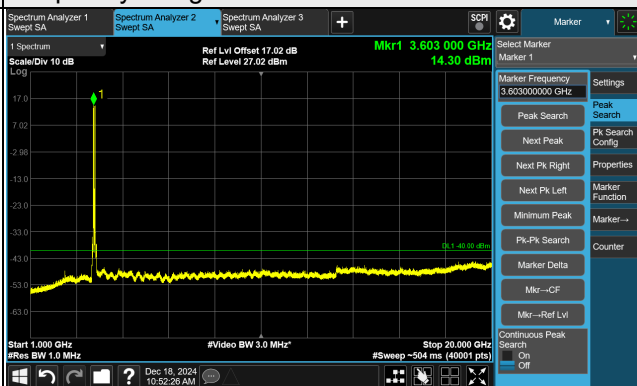
Channel Band width: 20MHz+20MHz

Channel 639668 (3595.02MHz)+643668 (3655.02MHz)

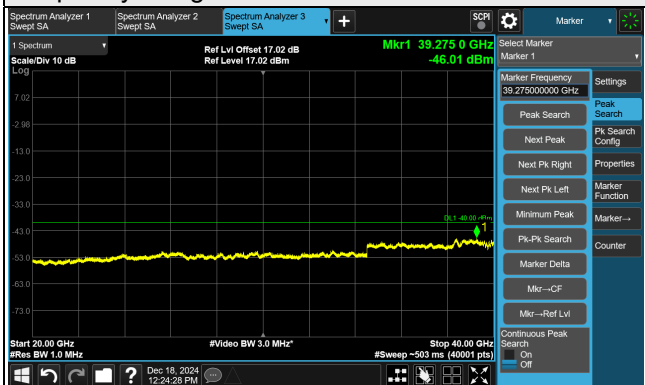
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz

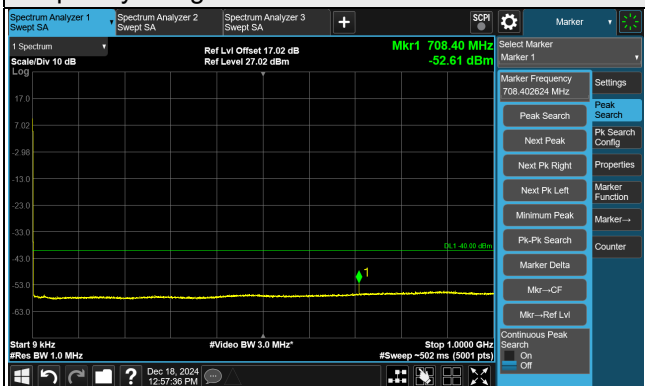


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

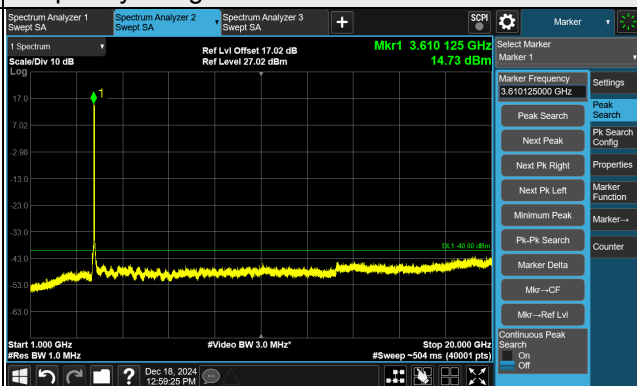
Channel Band width: 20MHz+20MHz

Channel 640834 (3612.51MHz)+642502 (3637.53MHz)

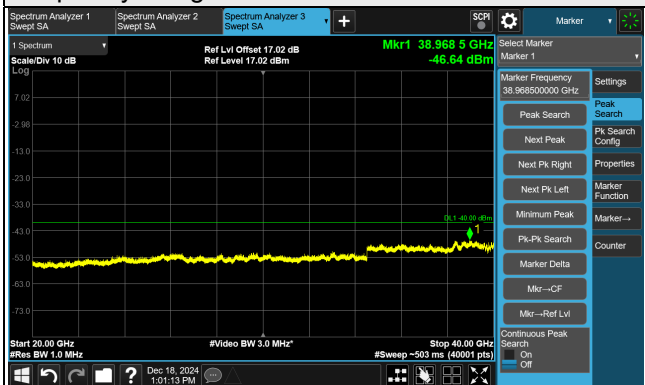
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz

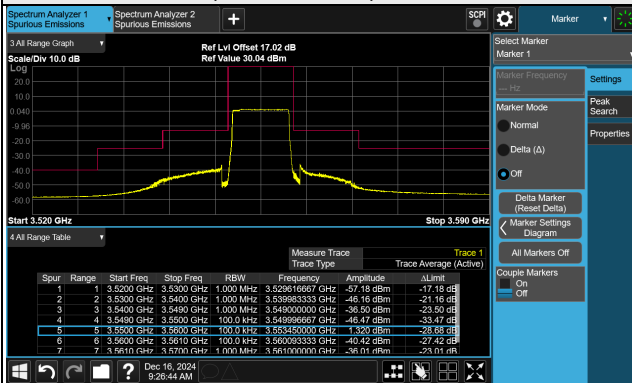


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

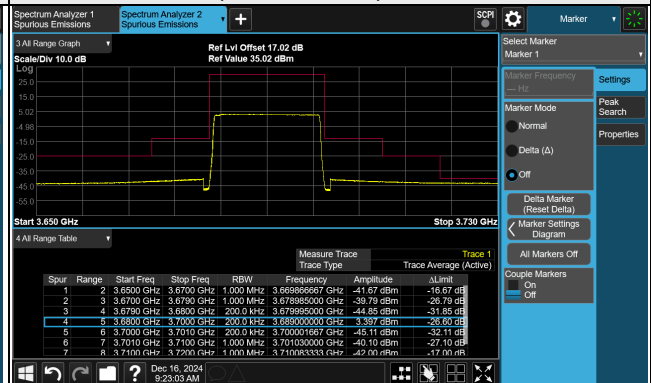
Antenna 4

NR Band 48, Channel Bandwidth 10MHz+20MHz

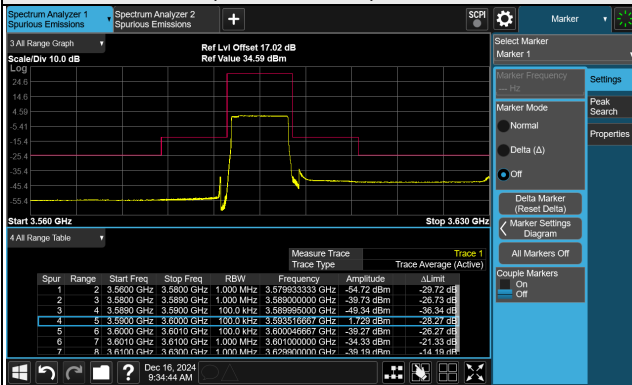
Channel 637000 (3555.00MHz)



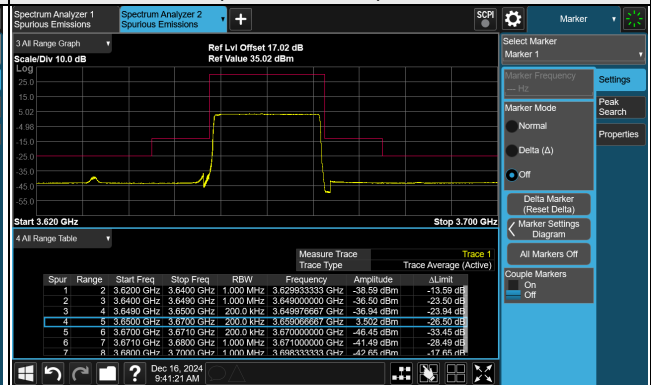
Channel 646000 (3690.00MHz)



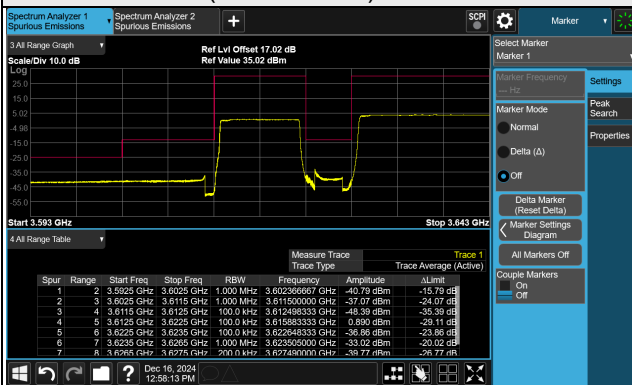
Channel 639668 (3595.02MHz)



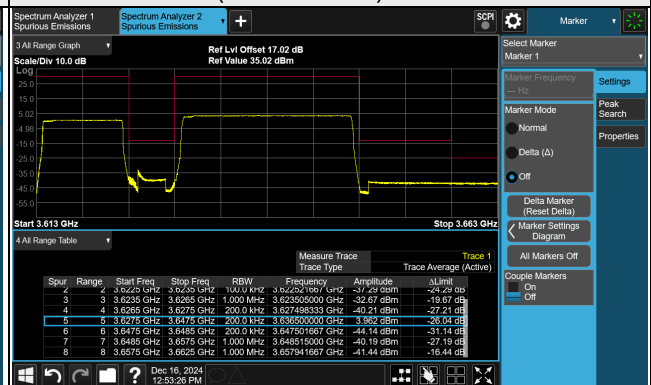
Channel 644000 (3660.00MHz)



Channel 641168 (3617.52MHz)



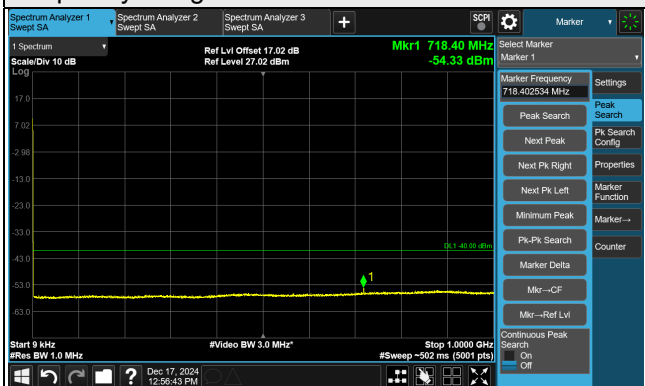
Channel 642502 (3637.53MHz)



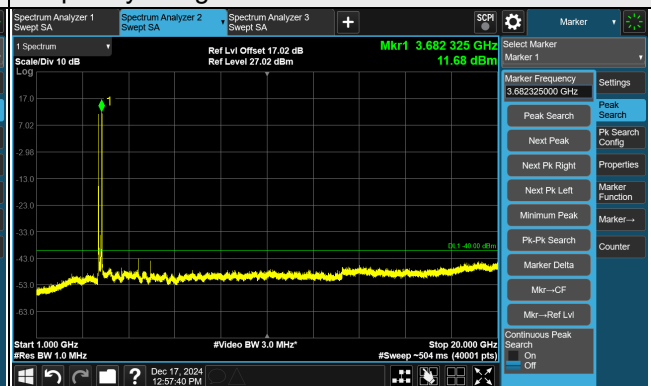
Channel Band width: 10MHz+20MHz

Channel 637000 (3555.00MHz)+646000 (3690.00MHz)

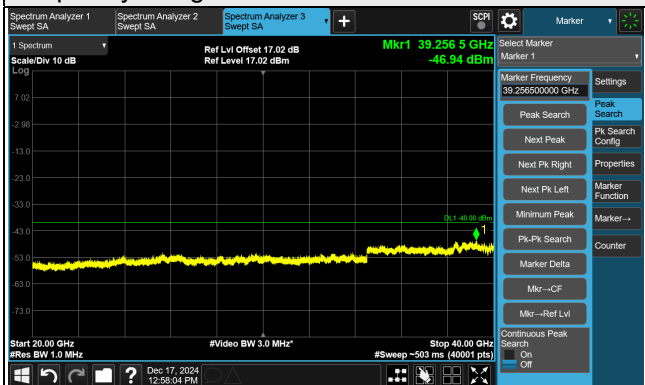
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz

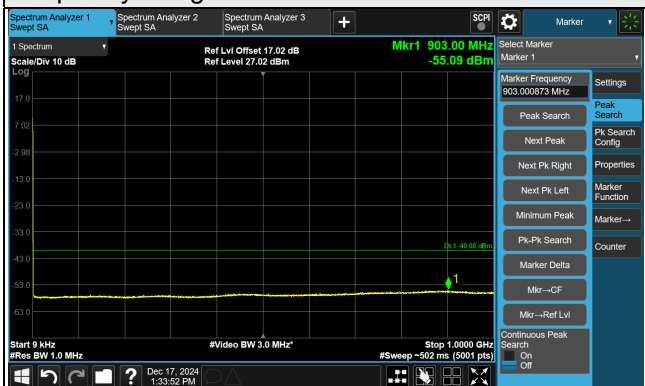


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

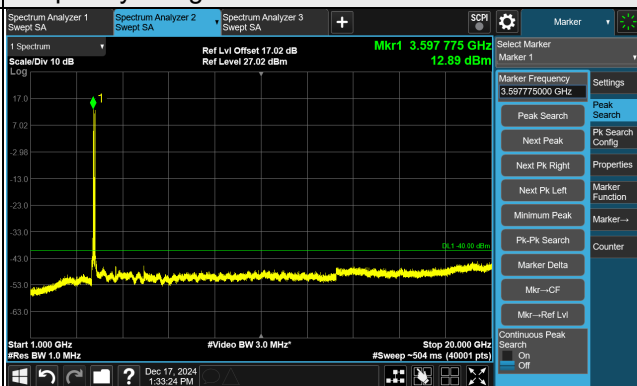
Channel Band width: 10MHz+20MHz

Channel 639668 (3595.02MHz)+644000 (3660.00MHz)

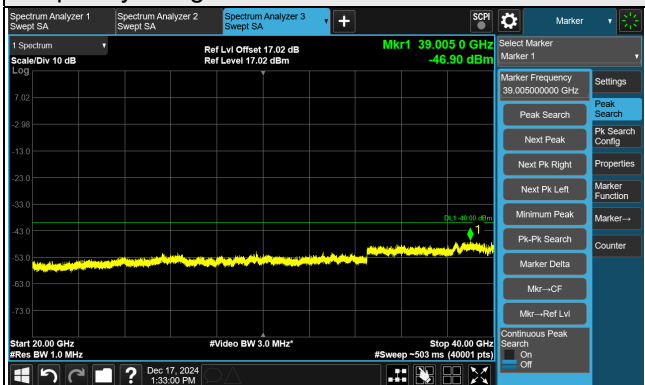
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz

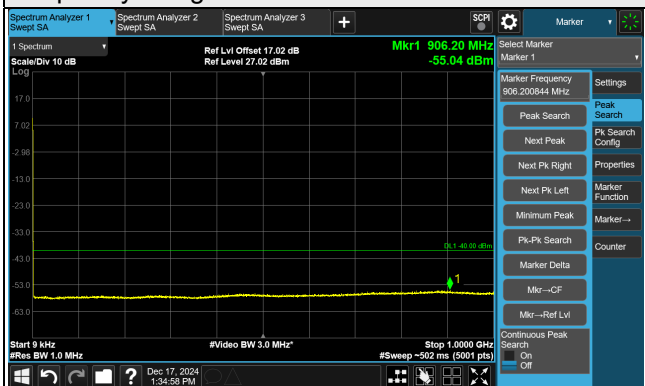


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

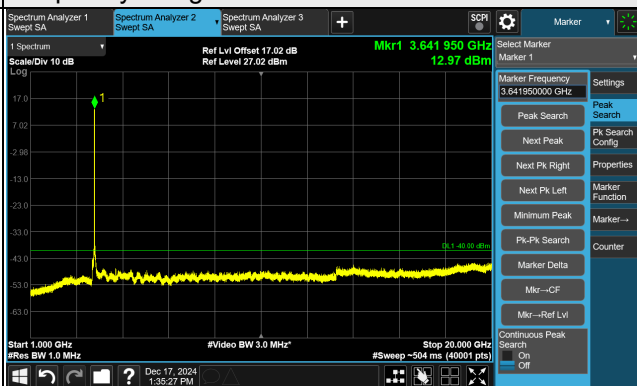
Channel Band width: 10MHz+20MHz

Channel 641168 (3617.52MHz)+642502 (3637.53MHz)

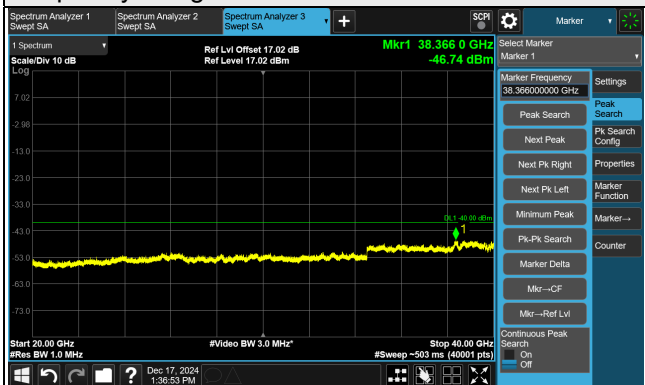
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



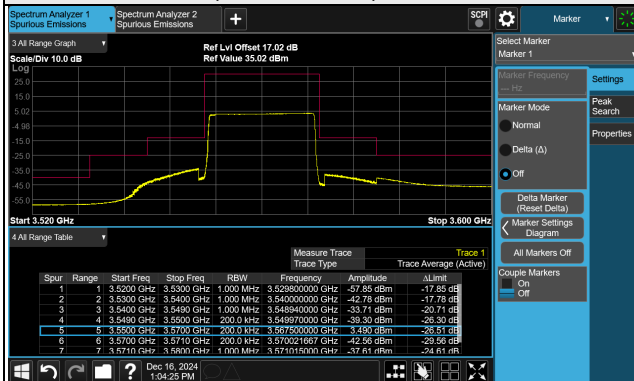
Frequency Range : 20GHz ~ 40GHz



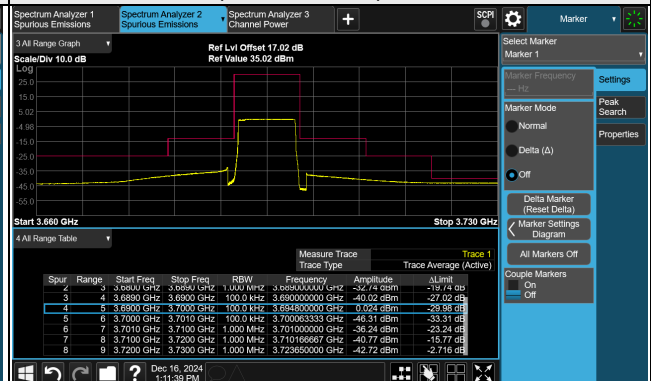
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

NR Band 48, Channel Bandwidth 20MHz+10MHz

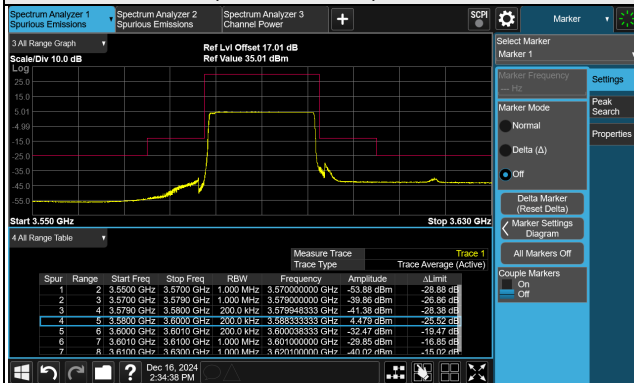
Channel 637334 (3560.01MHz)



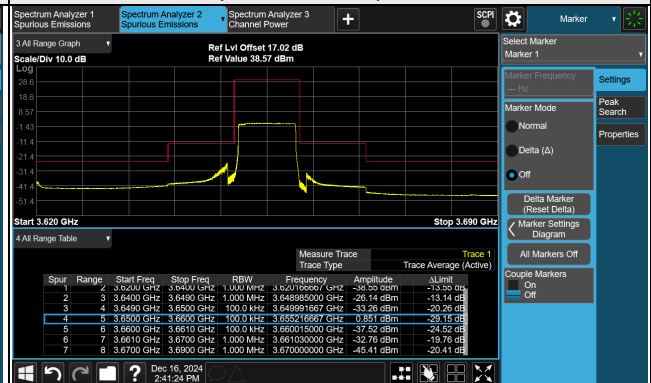
Channel 646332 (3694.98MHz)



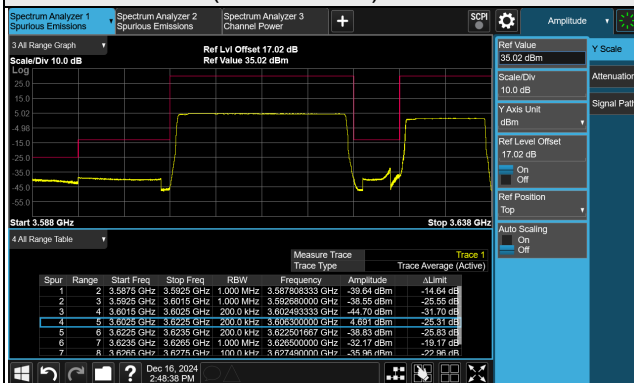
Channel 639334 (3590.01MHz)



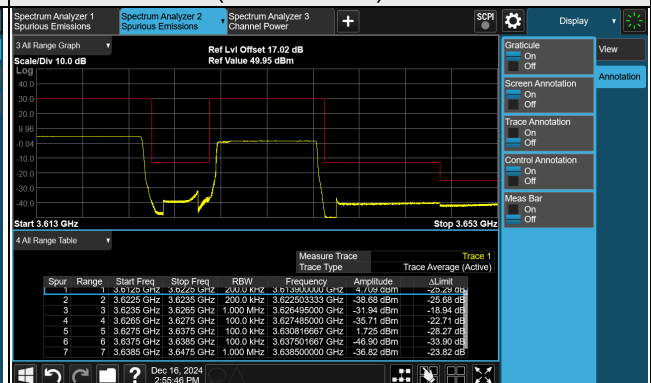
Channel 643668 (3655.02MHz)



Channel 640834 (3612.51MHz)



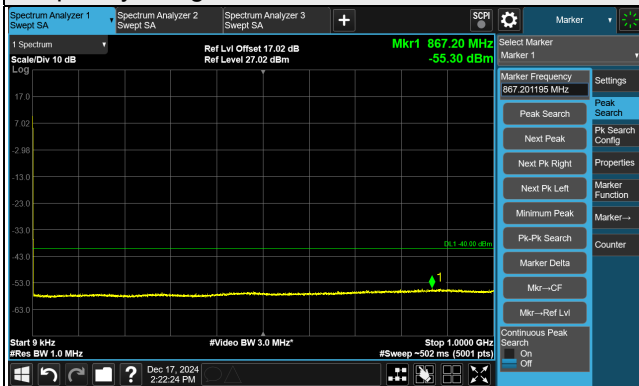
Channel 642168 (3632.52MHz)



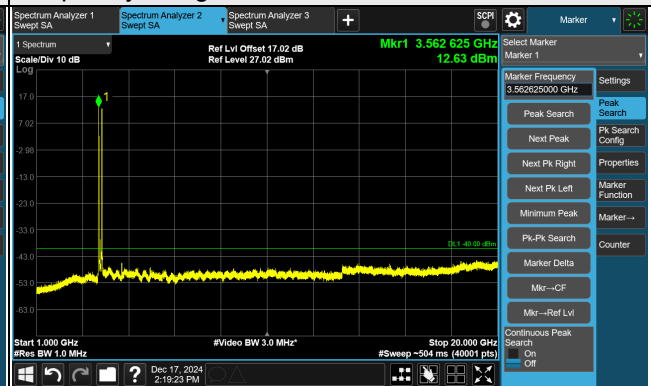
Channel Band width: 20MHz+10MHz

Channel 637334 (3560.01MHz)+646332 (3694.98MHz)

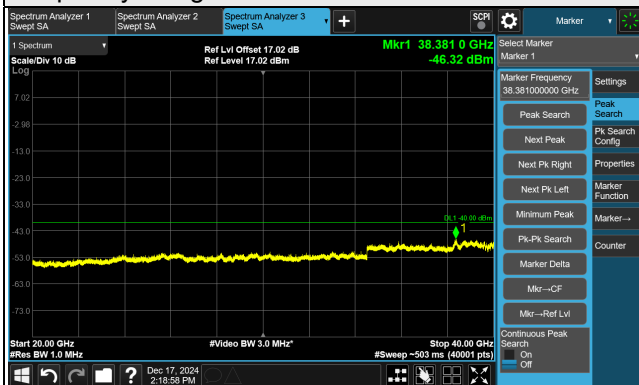
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz

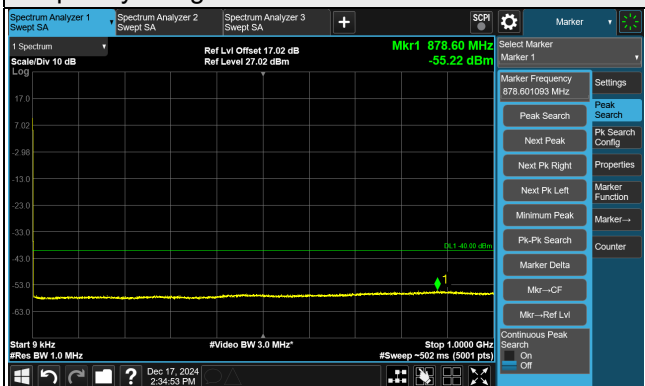


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

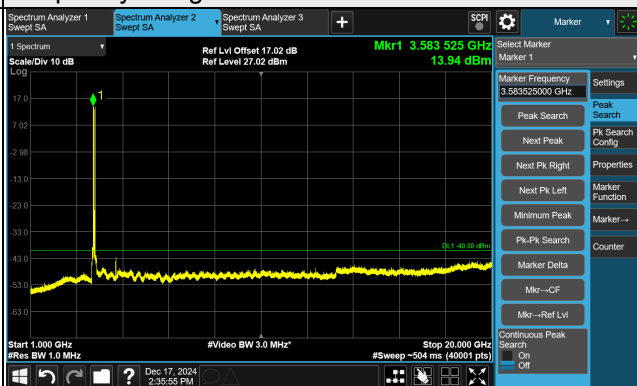
Channel Band width: 20MHz+10MHz

Channel 639334 (3590.01MHz)+643668 (3655.02MHz)

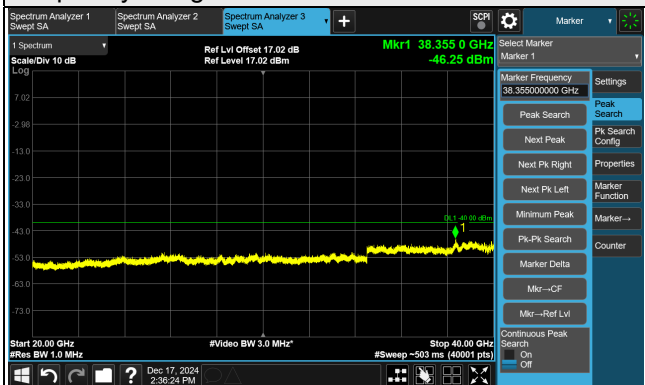
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz

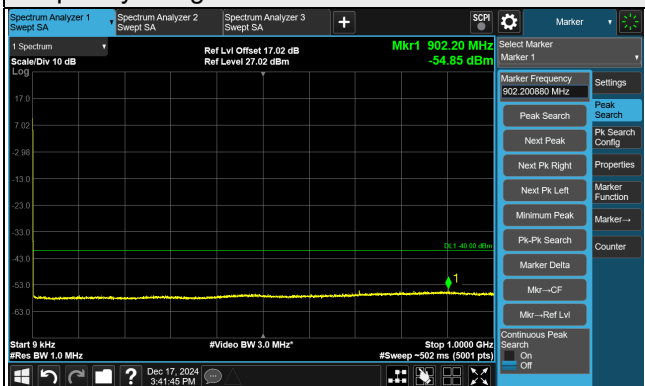


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

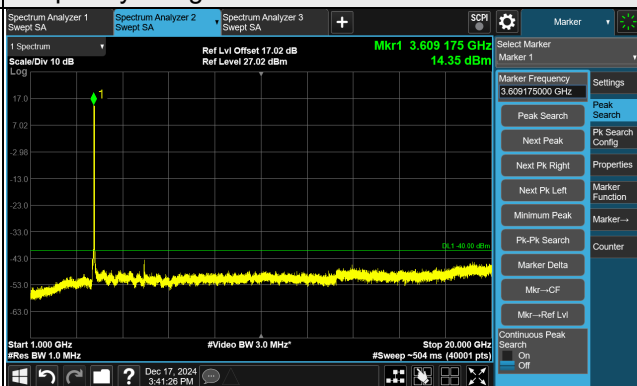
Channel Band width: 20MHz+10MHz

Channel 640834 (3612.51MHz)+642168 (3632.52MHz)

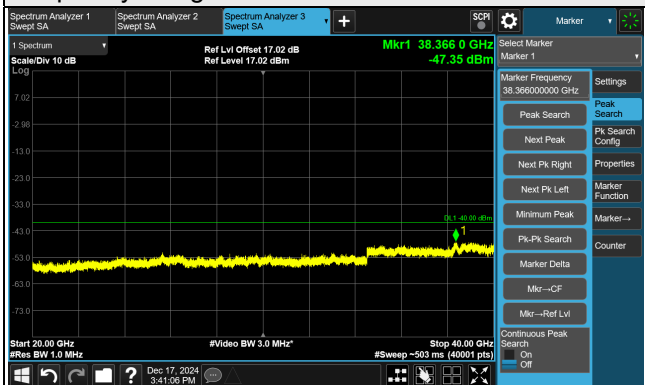
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



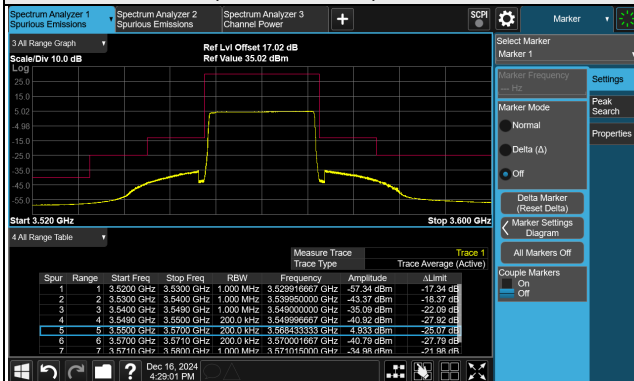
Frequency Range : 20GHz ~ 40GHz



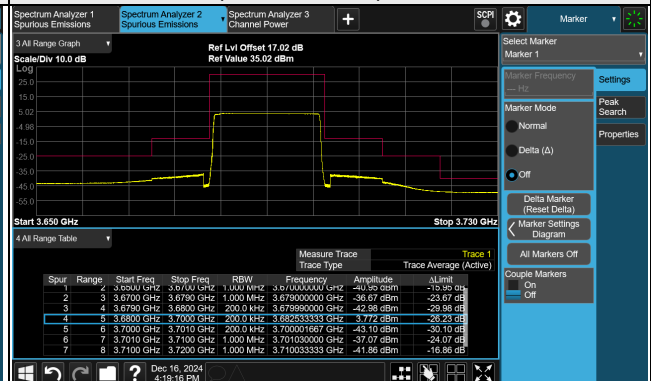
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

NR Band 48, Channel Bandwidth 20MHz+20MHz

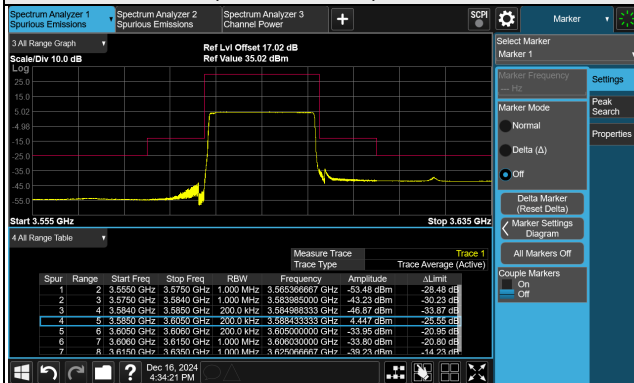
Channel 637334 (3560.01MHz)



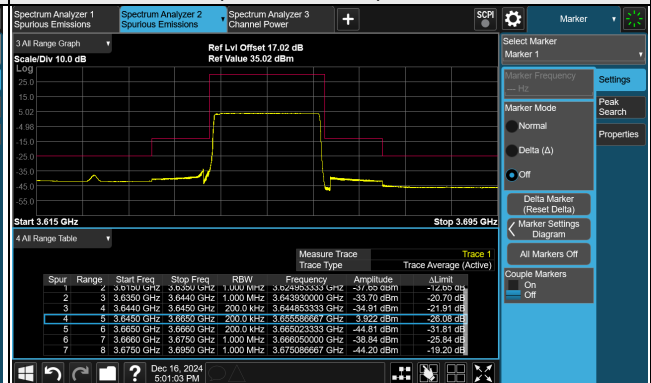
Channel 646000 (3690.00MHz)



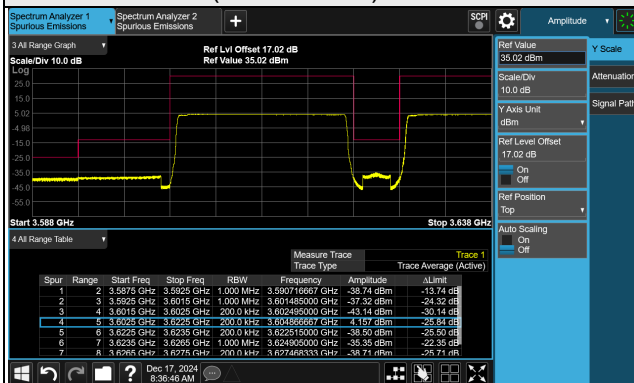
Channel 639668 (3595.02MHz)



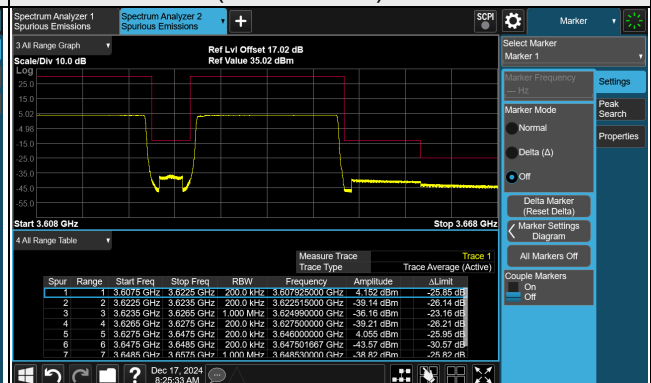
Channel 643668 (3655.02MHz)



Channel 640834 (3612.51MHz)



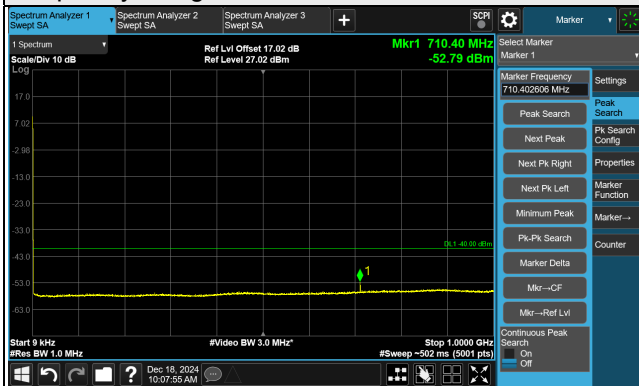
Channel 642502 (3637.53MHz)



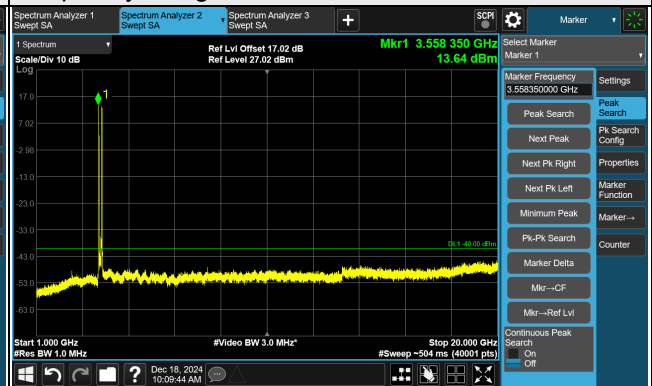
Channel Band width: 20MHz+20MHz

Channel 637334 (3560.01MHz)+646000 (3690.00MHz)

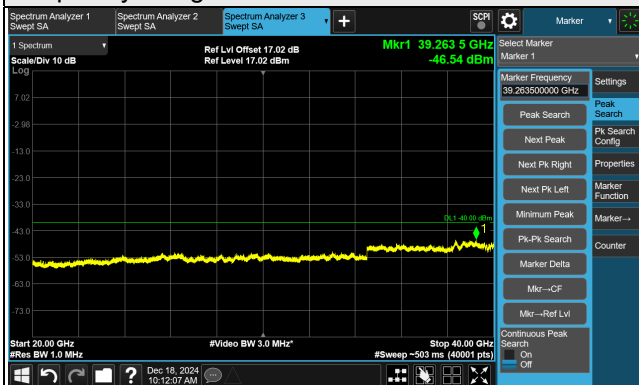
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz

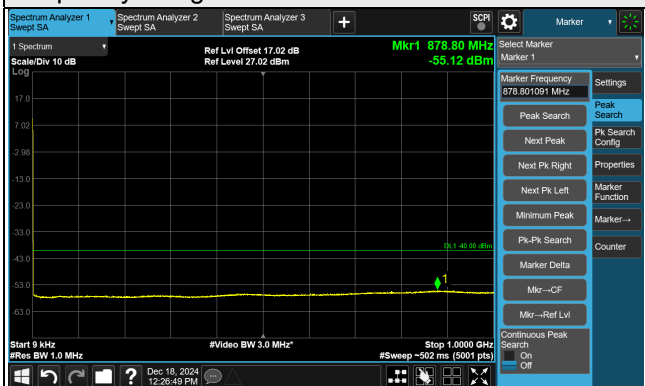


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

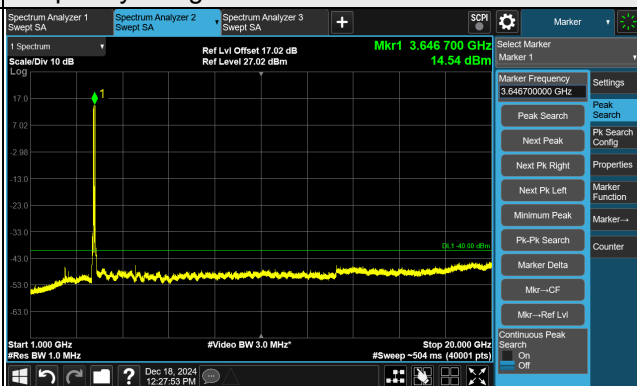
Channel Band width: 20MHz+20MHz

Channel 639668 (3595.02MHz)+643668 (3655.02MHz)

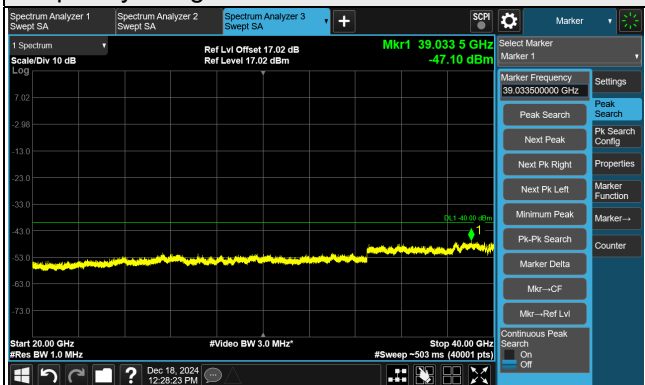
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz

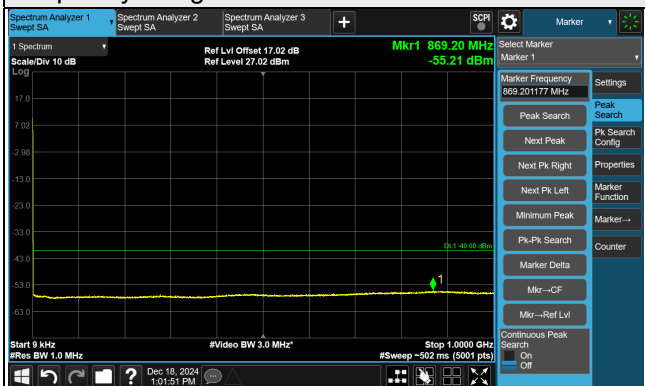


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

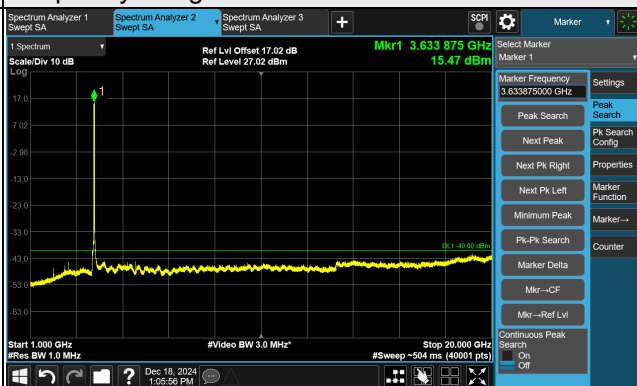
Channel Band width: 20MHz+20MHz

Channel 640834 (3612.51MHz)+642502 (3637.53MHz)

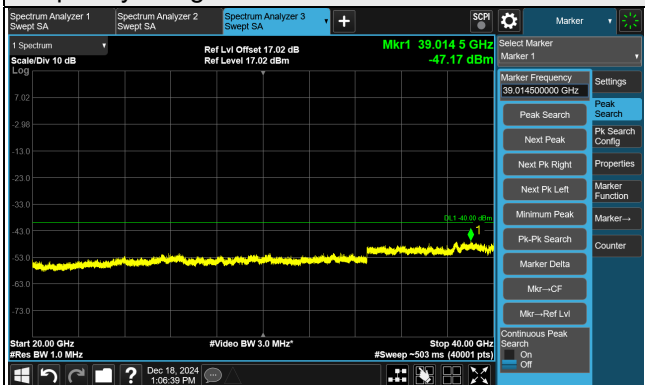
Frequency Range : 9kHz ~ 1GHz



Frequency Range : 1GHz ~ 20GHz



Frequency Range : 20GHz ~ 40GHz



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

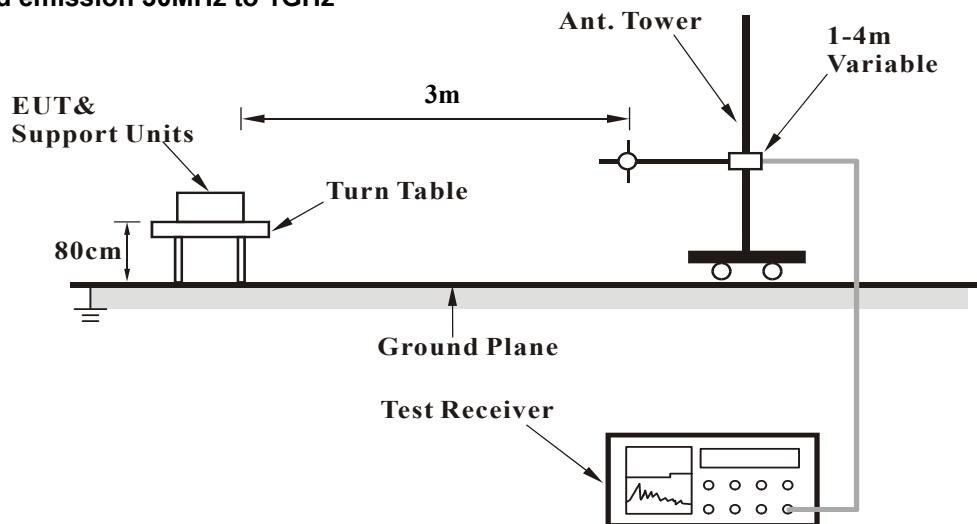
4.8 Radiated Emission Measurement

4.8.1 Limits of Radiated Emission Measurement

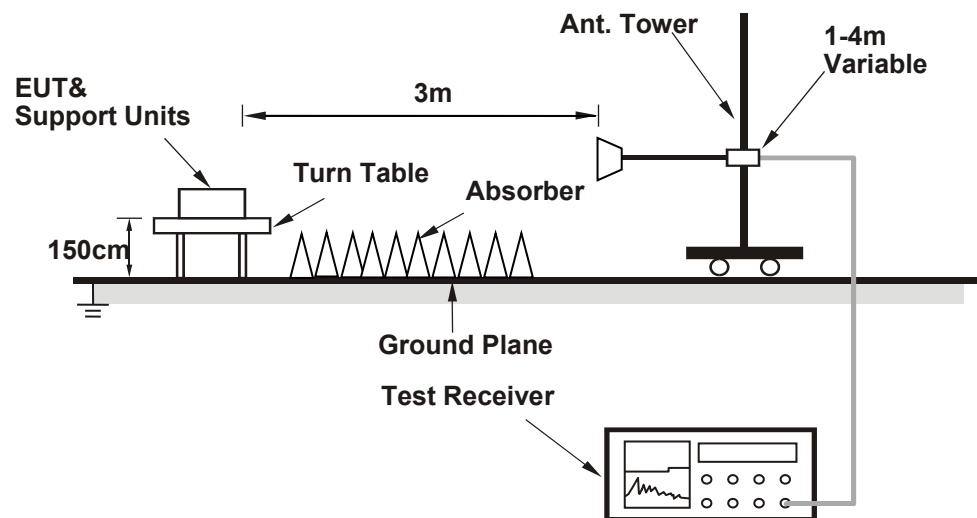
The power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz .

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
EMI Test Receiver Keysight	N9038B	MY60180019	2024/1/18	2025/1/17
			2025/01/15	2026/01/14
EXA Signal Analyzer Agilent	N9010A	MY56070348	2024/06/25	2025/06/24
Loop Antenna TESEQ	HLA 6121	45745	2024/8/21	2025/8/20
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-3000	201235	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-9000	201236(with PAD)	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
Preamplifier EMCI	EMC330N	980782	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-1213	2024/10/14	2025/10/13
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201233	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
Horn Antenna RFSPIN	DRH18-E	210103A18E	2024/11/10	2025/11/9
Preamplifier EMCI	EMC118A45SE	980808	2023/12/28	2024/12/27
			2024/12/26	2025/12/25
RF Coaxial Cable EMCI	EMC104-SM-SM-1000	210102	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMC104-SM-SM-3000	201231	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMC104-SM-SM-9000	201243	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
Preamplifier EMCI	EMC184045SE	980788	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2024/11/10	2025/11/9
RF Coaxial Cable EMCI	EMC101G-KM-KM-5000	201261	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMC101G-KM-KM-3000	201258	2024/1/15	2025/1/14
			2025/01/14	2026/01/13
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2024/1/15	2025/1/14
			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.

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 B1

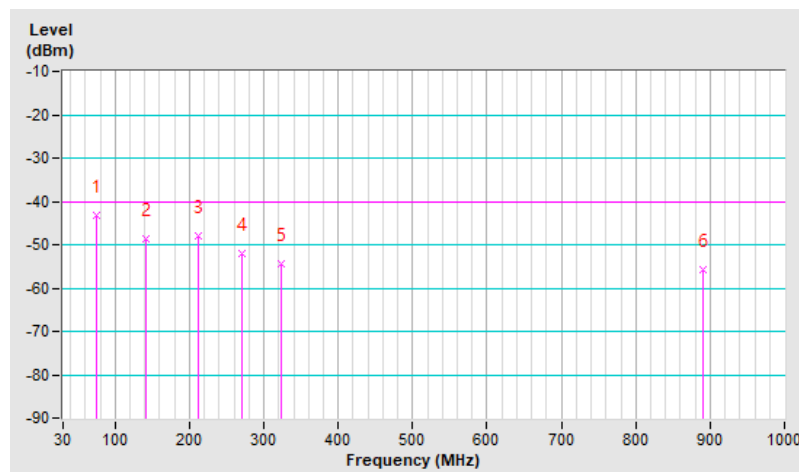
NR Band 48, Channel Bandwidth 40MHz

Mode	TX channel 638000 (3570.00 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	74.62	-43.30	-40.00	-3.30	1.00 H	150	68.54	-111.84
2	141.55	-48.70	-40.00	-8.70	1.25 H	297	59.61	-108.31
3	211.39	-47.84	-40.00	-7.84	1.00 H	245	63.77	-111.61
4	270.56	-52.20	-40.00	-12.20	1.50 H	251	56.22	-108.42
5	323.91	-54.50	-40.00	-14.50	1.25 H	2	52.02	-106.52
6	890.39	-55.60	-40.00	-15.60	2.00 H	132	39.97	-95.57

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.

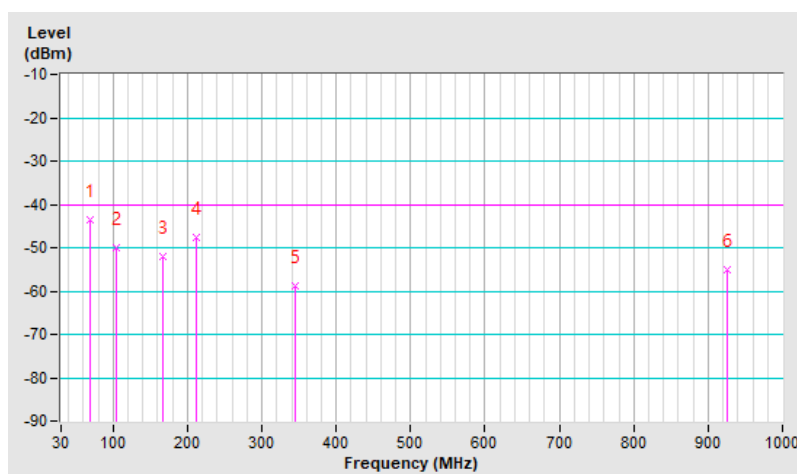


Mode	TX channel 638000 (3570.00 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	69.77	-43.52	-40.00	-3.52	1.25 V	213	67.27	-110.79
2	104.69	-50.11	-40.00	-10.11	1.00 V	155	61.70	-111.81
3	166.77	-51.95	-40.00	-11.95	1.25 V	39	56.23	-108.18
4	211.39	-47.64	-40.00	-7.64	1.00 V	208	63.97	-111.61
5	345.25	-58.77	-40.00	-18.77	1.50 V	216	47.50	-106.27
6	926.28	-55.15	-40.00	-15.15	1.00 V	318	40.07	-95.22

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

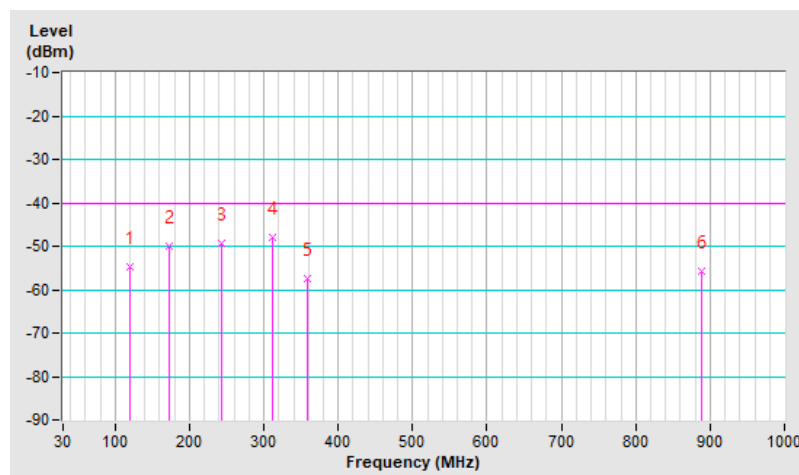
NR Band 48, Channel Bandwidth 40MHz

Mode	TX channel 638000 (3570.00 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	120.21	-54.80	-40.00	-14.80	1.25 H	127	55.42	-110.22
2	173.56	-49.97	-40.00	-9.97	1.00 H	266	58.79	-108.76
3	243.40	-49.34	-40.00	-9.34	1.50 H	150	60.08	-109.42
4	312.27	-48.04	-40.00	-8.04	1.00 H	118	58.88	-106.92
5	357.86	-57.50	-40.00	-17.50	1.00 H	286	48.46	-105.96
6	888.45	-55.61	-40.00	-15.61	1.50 H	154	40.00	-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.

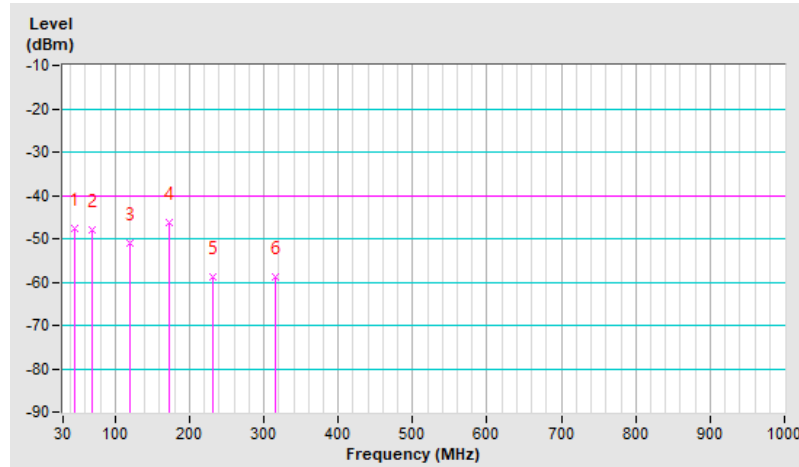


Mode	TX channel 638000 (3570.00 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	45.52	-47.76	-40.00	-7.76	1.25 V	268	60.50	-108.26
2	68.80	-47.93	-40.00	-7.93	1.00 V	224	62.72	-110.65
3	120.21	-51.07	-40.00	-11.07	1.25 V	196	59.15	-110.22
4	173.56	-46.36	-40.00	-6.36	1.00 V	180	62.40	-108.76
5	231.76	-58.76	-40.00	-18.76	1.25 V	146	51.47	-110.23
6	315.18	-58.75	-40.00	-18.75	1.00 V	18	48.04	-106.79

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 C1

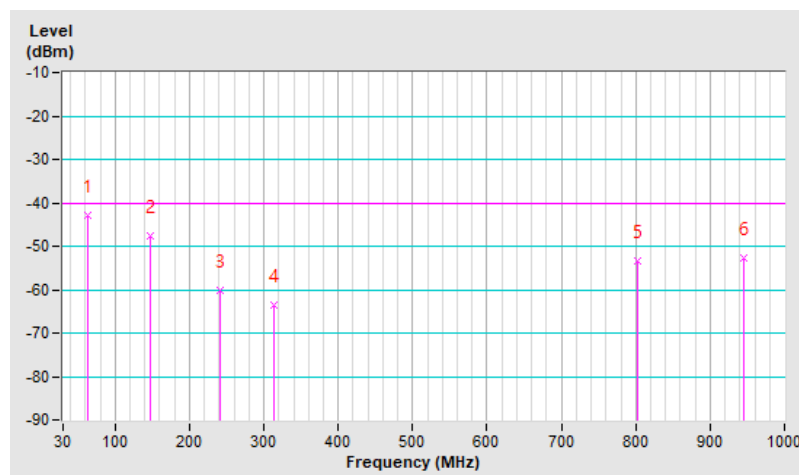
NR Band 48, Channel Bandwidth 40MHz

Mode	TX channel 638000 (3570.00 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	62.98	-42.98	-40.00	-2.98	1.46 H	155	66.48	-109.46
2	147.37	-47.56	-40.00	-7.56	1.94 H	201	60.53	-108.09
3	241.46	-60.04	-40.00	-20.04	2.26 H	160	49.63	-109.67
4	314.21	-63.63	-40.00	-23.63	1.49 H	41	43.55	-107.18
5	802.12	-53.50	-40.00	-13.50	1.84 H	175	43.85	-97.35
6	944.71	-52.68	-40.00	-12.68	2.26 H	130	42.75	-95.43

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.

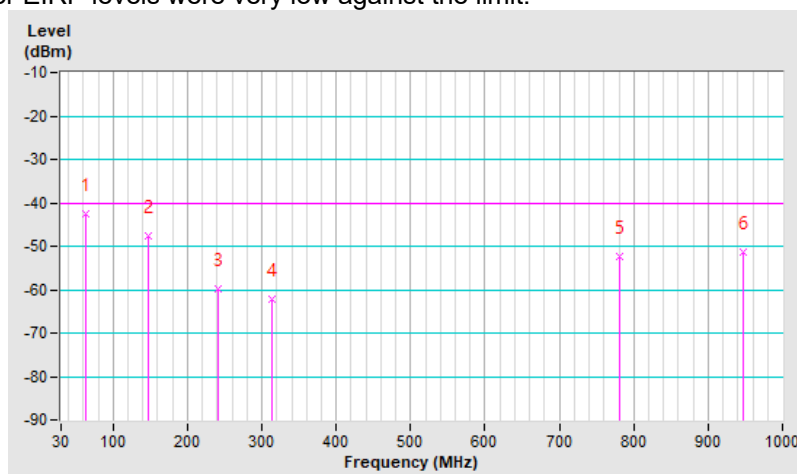


Mode	TX channel 638000 (3570.00 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	62.98	-42.60	-40.00	-2.60	1.12 V	140	66.86	-109.46
2	147.37	-47.78	-40.00	-7.78	1.96 V	243	60.31	-108.09
3	240.49	-59.86	-40.00	-19.86	1.87 V	196	49.86	-109.72
4	314.21	-62.11	-40.00	-22.11	2.04 V	131	45.07	-107.18
5	781.75	-52.36	-40.00	-12.36	1.94 V	157	44.95	-97.31
6	947.62	-51.50	-40.00	-11.50	2.59 V	241	43.87	-95.37

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 C2

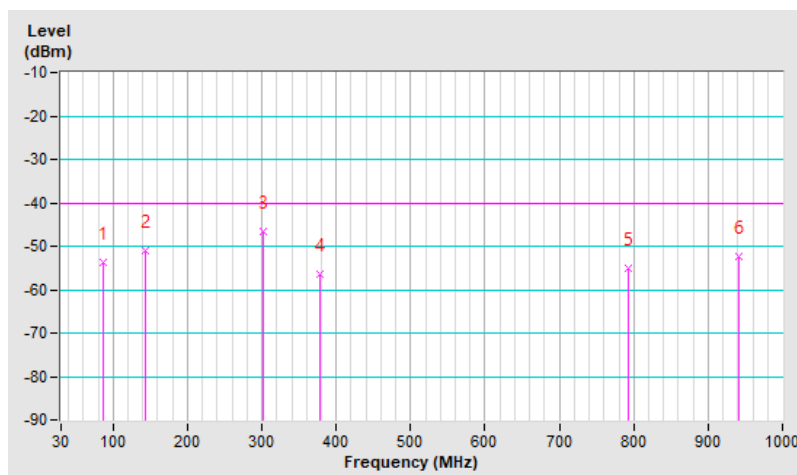
NR Band 48, Channel Bandwidth 40MHz

Mode	TX channel 638000 (3570.00 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	87.23	-53.59	-40.00	-13.59	1.59 H	126	60.53	-114.12
2	142.52	-51.09	-40.00	-11.09	1.93 H	330	57.33	-108.42
3	302.57	-46.65	-40.00	-6.65	1.72 H	214	60.99	-107.64
4	378.23	-56.44	-40.00	-16.44	1.96 H	283	49.18	-105.62
5	793.39	-54.96	-40.00	-14.96	1.28 H	224	42.35	-97.31
6	940.83	-52.53	-40.00	-12.53	1.96 H	207	43.03	-95.56

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.

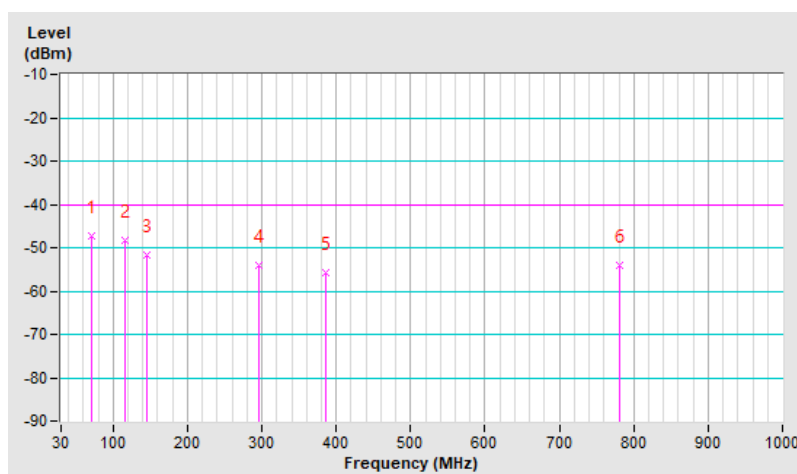


Mode	TX channel 638000 (3570.00 MHz)	Frequency Range	Below 1000 MHz
Environmental Conditions	23deg. C, 67%RH	Input Power	120 Vac, 60 Hz
Tested By	Karl Lee		

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	71.71	-47.38	-40.00	-7.38	1.50 V	129	63.79	-111.17
2	116.33	-48.30	-40.00	-8.30	1.77 V	210	62.50	-110.80
3	144.46	-51.74	-40.00	-11.74	1.82 V	146	56.56	-108.30
4	295.78	-53.92	-40.00	-13.92	1.53 V	26	53.90	-107.82
5	385.02	-55.72	-40.00	-15.72	1.88 V	214	49.70	-105.42
6	781.75	-54.13	-40.00	-14.13	1.74 V	226	43.18	-97.31

Remarks:

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



Above 1GHz

Mode B1

NR Band 48, Channel Bandwidth 10MHz

Mode	TX channel 637000 (3555.00MHz)	Frequency Range	1GHz ~ 40GHz
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	7110.00	-45.33	-40.00	-5.33	1.92 H	176	42.41	-87.74
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	-45.11	-40.00	-5.11	2.08 V	104	42.63	-87.74

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	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	7249.98	-44.79	-40.00	-4.79	1.90 H	131	42.77	-87.56
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	7249.98	-45.18	-40.00	-5.18	2.04 V	156	42.38	-87.56

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 646332 (3694.98MHz)	Frequency Range	1GHz ~ 40GHz
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	7389.96	-44.62	-40.00	-4.62	2.04 H	223	42.84	-87.46
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	7389.96	-44.88	-40.00	-4.88	2.25 V	181	42.58	-87.46

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.

NR Band 48, Channel Bandwidth 20MHz

Mode	TX channel 637334 (3560.01MHz)	Frequency Range	1GHz ~ 40GHz
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	7120.02	-45.29	-40.00	-5.29	1.04 H	222	42.51	-87.80
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	-45.01	-40.00	-5.01	1.31 V	148	42.79	-87.80

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	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	7249.98	-45.15	-40.00	-5.15	1.68 H	289	42.41	-87.56
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	7249.98	-44.91	-40.00	-4.91	1.08 V	259	42.65	-87.56

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) + 20log(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	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	7380.00	-45.12	-40.00	-5.12	1.55 H	67	42.38	-87.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7380.00	-44.70	-40.00	-4.70	2.38 V	149	42.80	-87.50

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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	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	7140.00	-45.45	-40.00	-5.45	1.13 H	298	42.45	-87.90
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	-45.52	-40.00	-5.52	1.85 V	41	42.38	-87.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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	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	7249.98	-44.80	-40.00	-4.80	1.21 H	234	42.76	-87.56
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	7249.98	-45.44	-40.00	-5.44	1.60 V	147	42.12	-87.56

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 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
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	7359.96	-45.12	-40.00	-5.12	1.50 H	231	42.46	-87.58
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	-45.13	-40.00	-5.13	2.30 V	175	42.45	-87.58

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 B3

NR Band 48, Channel Bandwidth 10MHz+20MHz

Mode	TX channel 637000 (3555.00MHz) + 646000 (3690.00MHz)	Frequency Range	1GHz ~ 40GHz
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	7110.00	-45.14	-40.00	-5.14	2.57 H	115	42.60	-87.74
2	7380.00	-44.97	-40.00	-4.97	1.65 H	299	42.53	-87.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7110.00	-45.33	-40.00	-5.33	1.67 V	223	42.41	-87.74
2	7380.00	-45.03	-40.00	-5.03	1.49 V	136	42.47	-87.50

Remarks:

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

Mode	TX channel 639668 (3595.02MHz) + 644000 (3660.00MHz)	Frequency Range	1GHz ~ 40GHz
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	7190.04	-44.94	-40.00	-4.94	2.46 H	158	42.85	-87.79
2	7320.00	-45.10	-40.00	-5.10	1.85 H	253	42.47	-87.57
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	7190.04	-45.47	-40.00	-5.47	2.04 V	291	42.32	-87.79
2	7320.00	-45.01	-40.00	-5.01	1.82 V	223	42.56	-87.57

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 641168 (3617.52MHz) + 642502 (3637.53MHz)	Frequency Range	1GHz ~ 40GHz
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	7235.04	-45.30	-40.00	-5.30	2.04 H	158	42.32	-87.62
2	7275.06	-44.76	-40.00	-4.76	1.76 H	208	42.78	-87.54
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	7235.04	-45.13	-40.00	-5.13	1.25 V	48	42.49	-87.62
2	7275.06	-45.33	-40.00	-5.33	4.00 V	105	42.21	-87.54

Remarks:

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

NR Band 48, Channel Bandwidth 20MHz+10MHz

Mode	TX channel 637334 (3560.01MHz) + 646332 (3694.98MHz)	Frequency Range	1GHz ~ 40GHz
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	7120.02	-45.08	-40.00	-5.08	1.64 H	159	42.72	-87.80
2	7389.96	-45.06	-40.00	-5.06	2.61 H	155	42.40	-87.46
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	7120.02	-45.08	-40.00	-5.08	2.96 V	165	42.72	-87.80
2	7389.96	-45.08	-40.00	-5.08	2.08 V	152	42.38	-87.46

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 639334 (3590.01MHz) + 643668 (3655.02MHz)	Frequency Range	1GHz ~ 40GHz
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	7180.02	-45.13	-40.00	-5.13	1.84 H	25	42.70	-87.83
2	7310.04	-44.86	-40.00	-4.86	1.54 H	68	42.69	-87.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7180.02	-45.42	-40.00	-5.42	2.28 V	162	42.41	-87.83
2	7310.04	-44.65	-40.00	-4.65	2.07 V	154	42.90	-87.55

Remarks:

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

Mode	TX channel 640834 (3612.51MHz) + 642168 (3632.52MHz)	Frequency Range	1GHz ~ 40GHz
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	7225.02	-44.90	-40.00	-4.90	1.04 H	129	42.75	-87.65
2	7265.04	-45.25	-40.00	-5.25	2.58 H	143	42.30	-87.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7225.02	-44.94	-40.00	-4.94	2.76 V	235	42.71	-87.65
2	7265.04	-45.13	-40.00	-5.13	1.94 V	108	42.42	-87.55

Remarks:

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

NR Band 48, Channel Bandwidth 20MHz+20MHz

Mode	TX channel 637334 (3560.01MHz) + 646000 (3690.00MHz)	Frequency Range	1GHz ~ 40GHz
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	7120.02	-45.22	-40.00	-5.22	1.08 H	264	42.58	-87.80
2	7380.00	-44.82	-40.00	-4.82	2.04 H	104	42.68	-87.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-45.29	-40.00	-5.29	1.47 V	226	42.51	-87.80
2	7380.00	-45.00	-40.00	-5.00	1.87 V	249	42.50	-87.50

Remarks:

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

Mode	TX channel 639668 (3595.02MHz) + 643668 (3655.02MHz)	Frequency Range	1GHz ~ 40GHz
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	7190.04	-45.31	-40.00	-5.31	2.55 H	191	42.48	-87.79
2	7310.04	-44.79	-40.00	-4.79	1.08 H	226	42.76	-87.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7190.04	-45.51	-40.00	-5.51	2.25 V	124	42.28	-87.79
2	7310.04	-44.95	-40.00	-4.95	1.58 V	204	42.60	-87.55

Remarks:

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

Mode	TX channel 640834 (3612.51MHz) + 642502 (3637.53MHz)	Frequency Range	1GHz ~ 40GHz
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	7225.02	-45.15	-40.00	-5.15	1.06 H	226	42.50	-87.65
2	7275.06	-45.19	-40.00	-5.19	1.23 H	59	42.35	-87.54
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	7225.02	-44.93	-40.00	-4.93	1.51 V	108	42.72	-87.65
2	7275.06	-45.16	-40.00	-5.16	2.06 V	182	42.38	-87.54

Remarks:

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

Mode C1

NR Band 48, Channel Bandwidth 10MHz

Mode	TX channel 637000 (3555.00MHz)	Frequency Range	1GHz ~ 40GHz
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	7110.00	-45.38	-40.00	-5.38	1.90 H	174	42.36	-87.74
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	-45.18	-40.00	-5.18	2.13 V	105	42.56	-87.74

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	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	7249.98	-44.72	-40.00	-4.72	1.83 H	133	42.84	-87.56
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	7249.98	-44.94	-40.00	-4.94	2.28 V	167	42.62	-87.56

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 646332 (3694.98MHz)	Frequency Range	1GHz ~ 40GHz
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	7389.96	-44.52	-40.00	-4.52	1.92 H	227	42.94	-87.46
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	7389.96	-44.75	-40.00	-4.75	2.35 V	184	42.71	-87.46

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.

NR Band 48, Channel Bandwidth 20MHz

Mode	TX channel 637334 (3560.01MHz)	Frequency Range	1GHz ~ 40GHz
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	7120.02	-45.31	-40.00	-5.31	1.06 H	96	42.49	-87.80
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	-44.95	-40.00	-4.95	1.35 V	192	42.85	-87.80

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	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	7249.98	-45.01	-40.00	-5.01	1.72 H	294	42.55	-87.56
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	7249.98	-44.95	-40.00	-4.95	1.04 V	264	42.61	-87.56

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) + 20log(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	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	7380.00	-45.05	-40.00	-5.05	1.53 H	64	42.45	-87.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7380.00	-44.75	-40.00	-4.75	2.40 V	172	42.75	-87.50

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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	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	7140.00	-45.54	-40.00	-5.54	1.28 H	308	42.36	-87.90
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	-45.30	-40.00	-5.30	1.83 V	53	42.60	-87.90

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
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	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	7249.98	-44.83	-40.00	-4.83	1.08 H	235	42.73	-87.56
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	7249.98	-45.26	-40.00	-5.26	1.58 V	131	42.30	-87.56

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 645332 (3679.98MHz)	Frequency Range	1GHz ~ 40GHz
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	7359.96	-45.03	-40.00	-5.03	1.39 H	228	42.55	-87.58
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	-45.06	-40.00	-5.06	2.33 V	169	42.52	-87.58

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 C3

NR Band 48, Channel Bandwidth 10MHz+20MHz

Mode	TX channel 637000 (3555.00MHz) + 646000 (3690.00MHz)	Frequency Range	1GHz ~ 40GHz
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	7110.00	-45.19	-40.00	-5.19	2.63 H	118	42.55	-87.74
2	7380.00	-45.03	-40.00	-5.03	1.61 H	305	42.47	-87.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7110.00	-45.31	-40.00	-5.31	1.74 V	234	42.43	-87.74
2	7380.00	-44.89	-40.00	-4.89	2.04 V	131	42.61	-87.50

Remarks:

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

Mode	TX channel 639668 (3595.02MHz) + 644000 (3660.00MHz)	Frequency Range	1GHz ~ 40GHz
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	7190.04	-44.99	-40.00	-4.99	2.71 H	166	42.80	-87.79
2	7320.00	-45.02	-40.00	-5.02	1.84 H	251	42.55	-87.57
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	7190.04	-45.41	-40.00	-5.41	2.23 V	294	42.38	-87.79
2	7320.00	-45.08	-40.00	-5.08	1.51 V	230	42.49	-87.57

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 641168 (3617.52MHz) + 642502 (3637.53MHz)	Frequency Range	1GHz ~ 40GHz
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	7235.04	-45.17	-40.00	-5.17	2.01 H	158	42.45	-87.62
2	7275.06	-44.83	-40.00	-4.83	1.81 H	216	42.71	-87.54
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	7235.04	-45.09	-40.00	-5.09	1.28 V	45	42.53	-87.62
2	7275.06	-45.23	-40.00	-5.23	2.53 V	104	42.31	-87.54

Remarks:

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

NR Band 48, Channel Bandwidth 20MHz+10MHz

Mode	TX channel 637334 (3560.01MHz) + 646332 (3694.98MHz)	Frequency Range	1GHz ~ 40GHz
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	7120.02	-45.11	-40.00	-5.11	1.59 H	166	42.69	-87.80
2	7389.96	-45.03	-40.00	-5.03	2.60 H	142	42.43	-87.46
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	7120.02	-45.25	-40.00	-5.25	2.94 V	176	42.55	-87.80
2	7389.96	-45.12	-40.00	-5.12	2.14 V	160	42.34	-87.46

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 639334 (3590.01MHz) + 643668 (3655.02MHz)	Frequency Range	1GHz ~ 40GHz
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	7180.02	-45.37	-40.00	-5.37	1.96 H	65	42.46	-87.83
2	7310.04	-44.96	-40.00	-4.96	1.47 H	59	42.59	-87.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7180.02	-45.47	-40.00	-5.47	2.35 V	164	42.36	-87.83
2	7310.04	-44.79	-40.00	-4.79	2.19 V	166	42.76	-87.55

Remarks:

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

Mode	TX channel 640834 (3612.51MHz) + 642168 (3632.52MHz)	Frequency Range	1GHz ~ 40GHz
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	7225.02	-44.79	-40.00	-4.79	1.05 H	182	42.86	-87.65
2	7265.04	-45.31	-40.00	-5.31	2.56 H	146	42.24	-87.55
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7225.02	-45.03	-40.00	-5.03	2.66 V	242	42.62	-87.65
2	7265.04	-45.04	-40.00	-5.04	1.96 V	105	42.51	-87.55

Remarks:

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