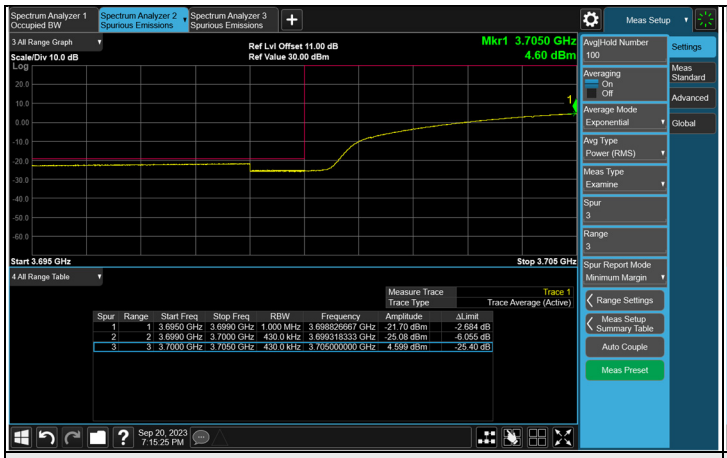
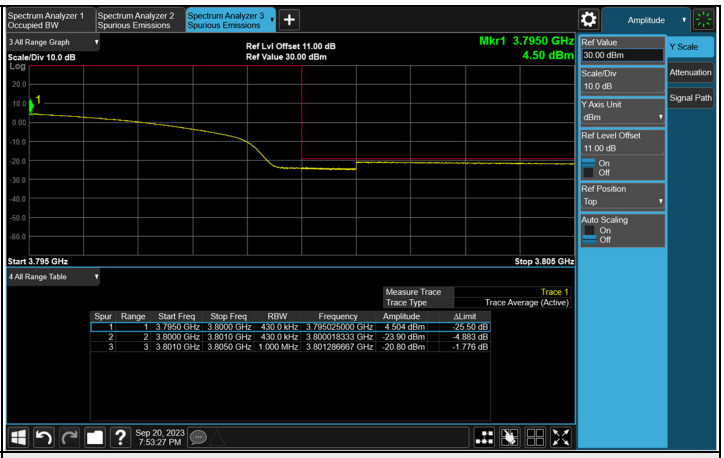
Ant. TX3



CH 648000 (3720.00 MHz)



CH 652000 (3780.00 MHz)

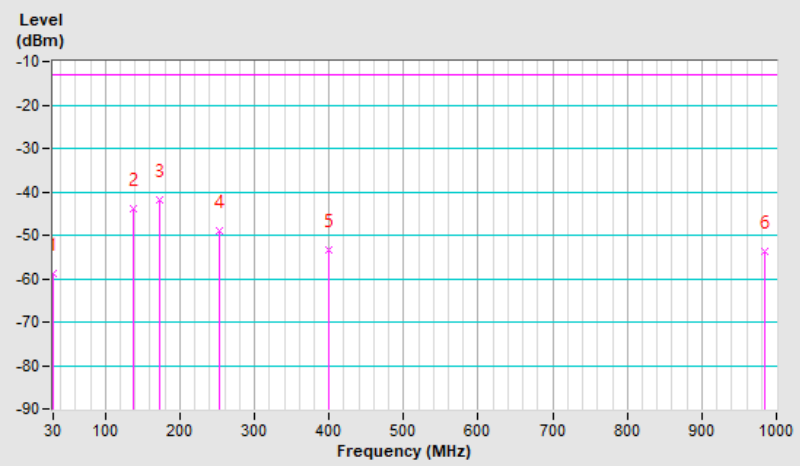
7.6 Radiated Spurious Emissions below 1GHz

RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 650000: 3750.00 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	30.97	-58.80	-13.00	-45.80	1.50 H	71	51.09	-109.89
2	137.67	-44.04	-13.00	-31.04	1.25 H	244	64.91	-108.95
3	172.59	-42.00	-13.00	-29.00	1.00 H	250	67.01	-109.01
4	253.10	-48.86	-13.00	-35.86	1.00 H	94	60.90	-109.76
5	400.54	-53.44	-13.00	-40.44	1.00 H	124	52.12	-105.56
6	983.51	-53.68	-13.00	-40.68	1.25 H	91	41.70	-95.38

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

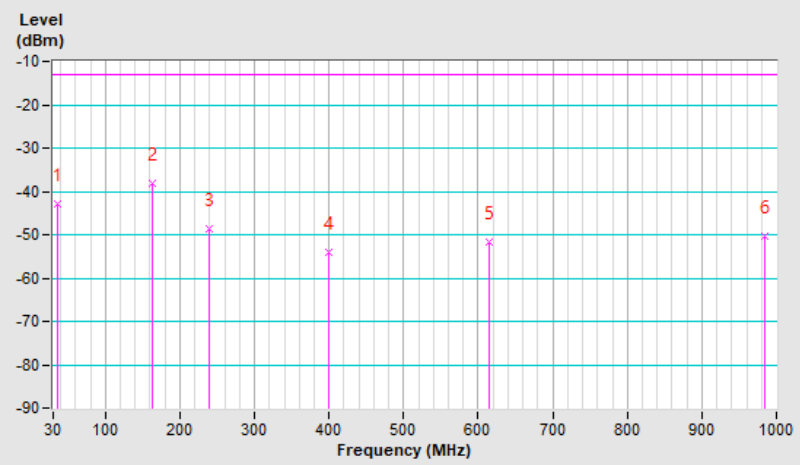


RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 650000: 3750.00 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	36.79	-42.92	-13.00	-29.92	1.25 V	1	66.25	-109.17
2	**163.86**	**-38.02**	**-13.00**	**-25.02**	**1.00 V**	**198**	**70.42**	**-108.44**
3	239.52	-48.61	-13.00	-35.61	1.50 V	280	61.50	-110.11
4	400.54	-53.98	-13.00	-40.98	1.00 V	134	51.58	-105.56
5	614.91	-51.57	-13.00	-38.57	1.00 V	269	49.00	-100.57
6	983.51	-50.23	-13.00	-37.23	2.00 V	22	45.15	-95.38

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

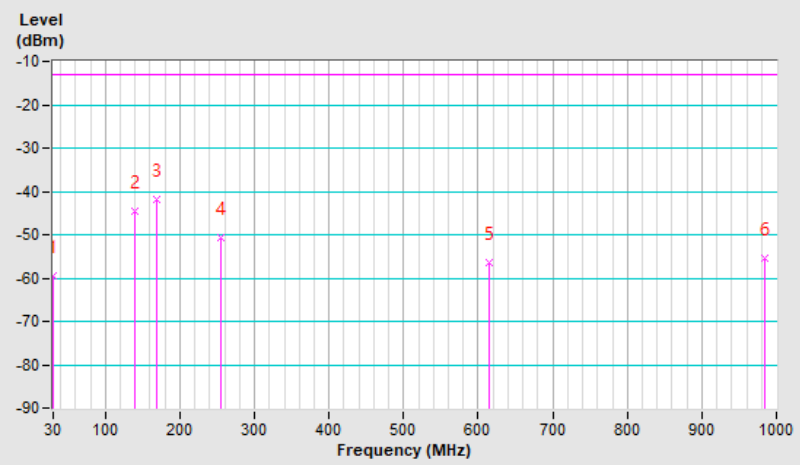


RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 653000: 3795.00 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	30.97	-59.56	-13.00	-46.56	1.25 H	100	50.33	-109.89
2	139.61	-44.60	-13.00	-31.60	1.00 H	239	64.24	-108.84
3	168.71	-41.95	-13.00	-28.95	1.50 H	233	66.75	-108.70
4	254.07	-50.65	-13.00	-37.65	1.50 H	312	59.08	-109.73
5	614.91	-56.56	-13.00	-43.56	1.25 H	179	44.01	-100.57
6	983.51	-55.30	-13.00	-42.30	2.00 H	68	40.08	-95.38

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

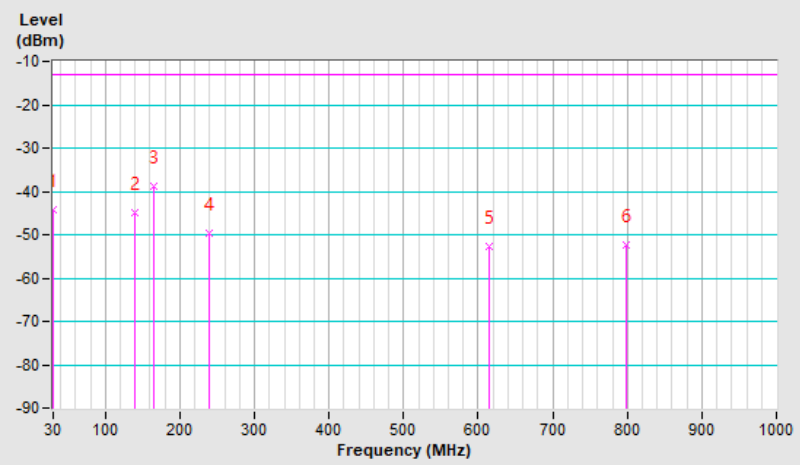


RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 653000: 3795.00 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	30.00	-44.15	-13.00	-31.15	1.50 V	253	65.55	-109.70
2	139.61	-44.79	-13.00	-31.79	1.00 V	218	64.05	-108.84
3	164.83	-38.86	-13.00	-25.86	1.25 V	197	69.69	-108.55
4	238.55	-49.75	-13.00	-36.75	1.25 V	299	60.43	-110.18
5	614.91	-52.73	-13.00	-39.73	1.50 V	274	47.84	-100.57
6	798.24	-52.54	-13.00	-39.54	2.00 V	98	45.26	-97.80

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 of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.7 Radiated Spurious Emissions above 1GHz

RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 647000: 3705.00 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	7410.00	-31.47	-13.00	-18.47	1.92 H	188	55.87	-87.34
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	7410.00	-30.70	-13.00	-17.70	1.14 V	350	56.64	-87.34

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.

RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 650000: 3750.00 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	7500.00	-31.82	-13.00	-18.82	1.97 H	191	55.48	-87.30
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	**7500.00**	**-30.01**	**-13.00**	**-17.01**	**1.09 V**	**352**	**57.29**	**-87.30**

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.

RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 653000: 3795.00 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	7590.00	-32.25	-13.00	-19.25	1.94 H	186	55.37	-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	7590.00	-30.19	-13.00	-17.19	1.14 V	347	57.43	-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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n78 Channel Bandwidth: 20MHz	**Channel**	CH 647334: 3710.01 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	7420.02	-34.10	-13.00	-21.10	1.93 H	186	53.23	-87.33
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	7420.02	-32.59	-13.00	-19.59	1.16 V	352	54.74	-87.33

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n78 Channel Bandwidth: 20MHz	**Channel**	CH 650000: 3750 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	7500.00	-34.05	-13.00	-21.05	1.97 H	186	53.25	-87.30
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	7500.00	-31.89	-13.00	-18.89	1.12 V	348	55.41	-87.30

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.

RF Mode	NR n78 Channel Bandwidth: 20MHz	**Channel**	CH 652666: 3789.99 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	7579.98	-34.22	-13.00	-21.22	1.99 H	186	53.38	-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	7579.98	-32.84	-13.00	-19.84	1.15 V	349	54.76	-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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n78 Channel Bandwidth: 40MHz	**Channel**	CH 648000: 3720 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	7440.00	-35.51	-13.00	-22.51	1.92 H	190	51.79	-87.30
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	7440.00	-34.58	-13.00	-21.58	1.01 V	359	52.72	-87.30

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.

RF Mode	NR n78 Channel Bandwidth: 40MHz	**Channel**	CH 650000: 3750 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	7500.00	-35.92	-13.00	-22.92	1.94 H	187	51.38	-87.30
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	7500.00	-34.17	-13.00	-21.17	1.09 V	357	53.13	-87.30

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.

RF Mode	NR n78 Channel Bandwidth: 40MHz	**Channel**	CH 652000: 3780 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	A

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	7560.00	-36.07	-13.00	-23.07	1.91 H	185	51.49	-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	7560.00	-35.31	-13.00	-22.31	1.05 V	356	52.25	-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.

RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 647000: 3705.00 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	7410.00	-33.02	-13.00	-20.02	2.09 H	97	54.32	-87.34
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	7410.00	-30.53	-13.00	-17.53	2.13 V	162	56.81	-87.34

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.

RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 650000: 3750.00 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	7500.00	-32.88	-13.00	-19.88	2.11 H	103	54.42	-87.30
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	7500.00	-30.39	-13.00	-17.39	2.18 V	158	56.91	-87.30

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.

RF Mode	NR n78 Channel Bandwidth: 10MHz	**Channel**	CH 653000: 3795.00 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	7590.00	-32.87	-13.00	-19.87	2.04 H	102	54.75	-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	7590.00	-30.23	-13.00	-17.23	2.19 V	156	57.39	-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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n78 Channel Bandwidth: 20MHz	**Channel**	CH 647334: 3710.01 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	7420.02	-34.84	-13.00	-21.84	2.11 H	109	52.49	-87.33
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	7420.02	-31.84	-13.00	-18.84	2.25 V	163	55.49	-87.33

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n78 Channel Bandwidth: 20MHz	**Channel**	CH 650000: 3750 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	7500.00	-34.93	-13.00	-21.93	2.16 H	105	52.37	-87.30
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	7500.00	-31.86	-13.00	-18.86	2.26 V	161	55.44	-87.30

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.

RF Mode	NR n78 Channel Bandwidth: 20MHz	**Channel**	CH 652666: 3789.99 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	7579.98	-35.15	-13.00	-22.15	2.09 H	116	52.45	-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	7579.98	-32.24	-13.00	-19.24	2.27 V	156	55.36	-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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n78 Channel Bandwidth: 40MHz	**Channel**	CH 648000: 3720 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	7440.00	-37.07	-13.00	-24.07	2.03 H	101	50.23	-87.30
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	7440.00	-34.22	-13.00	-21.22	2.11 V	160	53.08	-87.30

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.

RF Mode	NR n78 Channel Bandwidth: 40MHz	**Channel**	CH 650000: 3750 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	7500.00	-37.04	-13.00	-24.04	2.06 H	103	50.26	-87.30
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	7500.00	-34.27	-13.00	-21.27	2.18 V	162	53.03	-87.30

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.

RF Mode	NR n78 Channel Bandwidth: 40MHz	**Channel**	CH 652000: 3780 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Greg Lin	**Test Mode**	B

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	7560.00	-36.75	-13.00	-23.75	2.09 H	98	50.81	-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	7579.98	-34.44	-13.00	-21.44	2.13 V	159	53.16	-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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.8 Frequency Stability

Environmental Conditions:	25°C, 60% RH	Tested By:	Ted Chang

NR n78, Channel Bandwidth: 10 MHz

Ant. TX0

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 647000 (3705.00 MHz)		CH 653000 (3795.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3705.000001	0.000270	3794.999999	-0.000264
102.0	3705.000004	0.001080	3794.999996	-0.001054
132.0	3704.999997	-0.000810	3794.999997	-0.000791

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647000 (3705.00 MHz)		CH 653000 (3795.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3704.999996	-0.001080	3794.999998	-0.000527
-20	3705.000004	0.001080	3795.000001	0.000264
-10	3704.999996	-0.001080	3795.000004	0.001054
0	3705.000003	0.000810	3795.000004	0.001054
10	3705.000002	0.000540	3794.999996	-0.001054
20	3704.999996	-0.001080	3795.000002	0.000527
30	3705.000001	0.000270	3794.999999	-0.000264
40	3704.999997	-0.000810	3794.999999	-0.000264
50	3705.000004	0.001080	3794.999996	-0.001054

Ant. TX1

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 647000 (3705.00 MHz)		CH 653000 (3795.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3705.000001	0.000270	3794.999999	-0.000264
102.0	3704.999999	-0.000270	3795.000001	0.000264
132.0	3705.000001	0.000270	3794.999999	-0.000264

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647000 (3705.00 MHz)		CH 653000 (3795.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3705.000004	0.001080	3794.999997	-0.000791
-20	3704.999999	-0.000270	3795.000002	0.000527
-10	3704.999996	-0.001080	3794.999996	-0.001054
0	3705.000004	0.001080	3795.000001	0.000264
10	3704.999996	-0.001080	3794.999996	-0.001054
20	3704.999996	-0.001080	3794.999998	-0.000527
30	3705.000004	0.001080	3794.999998	-0.000527
40	3704.999998	-0.000540	3795.000003	0.000791
50	3704.999996	-0.001080	3795.000004	0.001054

Ant. TX2

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 647000 (3705.00 MHz)		CH 653000 (3795.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3704.999996	-0.001080	3795.000004	0.001054
102.0	3705.000002	0.000540	3794.999996	-0.001054
132.0	3704.999998	-0.000540	3795.000001	0.000264

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647000 (3705.00 MHz)		CH 653000 (3795.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3705.000002	0.000540	3795.000001	0.000264
-20	3705.000003	0.000810	3794.999996	-0.001054
-10	3704.999996	-0.001080	3794.999999	-0.000264
0	3704.999998	-0.000540	3795.000002	0.000527
10	3705.000002	0.000540	3795.000002	0.000527
20	3704.999997	-0.000810	3794.999999	-0.000264
30	3704.999997	-0.000810	3794.999996	-0.001054
40	3705.000003	0.000810	3794.999999	-0.000264
50	3705.000003	0.000810	3795.000004	0.001054

Ant. TX3

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 647000 (3705.00 MHz)		CH 653000 (3795.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3705.000003	0.000810	3794.999999	-0.000264
102.0	3705.000003	0.000810	3795.000004	0.001054
132.0	3705.000002	0.000540	3795.000004	0.001054

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647000 (3705.00 MHz)		CH 653000 (3795.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3705.000003	0.000810	3795.000001	0.000264
-20	3705.000002	0.000540	3795.000003	0.000791
-10	3704.999999	-0.000270	3795.000002	0.000527
0	3705.000003	0.000810	3794.999999	-0.000264
10	3704.999999	-0.000270	3795.000001	0.000264
20	3704.999998	-0.000540	3795.000004	0.001054
30	3704.999997	-0.000810	3795.000002	0.000527
40	3704.999999	-0.000270	3795.000003	0.000791
50	3705.000003	0.000810	3794.999998	-0.000527

NR n78, Channel Bandwidth: 20 MHz

Ant. TX0

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 647334 (3710.01 MHz)		CH 652666 (3789.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3710.009996	-0.001078	3789.990003	0.000792
102.0	3710.009998	-0.000539	3789.989997	-0.000792
132.0	3710.010003	0.000809	3789.989997	-0.000792

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647334 (3710.01 MHz)		CH 652666 (3789.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3710.010001	0.000270	3789.990001	0.000264
-20	3710.009998	-0.000539	3789.990003	0.000792
-10	3710.010003	0.000809	3789.989998	-0.000528
0	3710.010001	0.000270	3789.989999	-0.000264
10	3710.009999	-0.000270	3789.989997	-0.000792
20	3710.009996	-0.001078	3789.989996	-0.001055
30	3710.010003	0.000809	3789.989997	-0.000792
40	3710.010004	0.001078	3789.990003	0.000792
50	3710.009997	-0.000809	3789.990001	0.000264

Ant. TX1

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 647334 (3710.01 MHz)		CH 652666 (3789.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3710.010001	0.000270	3789.989997	-0.000792
102.0	3710.009998	-0.000539	3789.989998	-0.000528
132.0	3710.010002	0.000539	3789.990001	0.000264

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647334 (3710.01 MHz)		CH 652666 (3789.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3710.009997	-0.000809	3789.990002	0.000528
-20	3710.009998	-0.000539	3789.990001	0.000264
-10	3710.010002	0.000539	3789.990003	0.000792
0	3710.009999	-0.000270	3789.989997	-0.000792
10	3710.010003	0.000809	3789.990004	0.001055
20	3710.010003	0.000809	3789.989997	-0.000792
30	3710.009997	-0.000809	3789.990004	0.001055
40	3710.009997	-0.000809	3789.989999	-0.000264
50	3710.009996	-0.001078	3789.990004	0.001055

Ant. TX2

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 647334 (3710.01 MHz)		CH 652666 (3789.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3710.009996	-0.001078	3789.990002	0.000528
102.0	3710.009996	-0.001078	3789.989997	-0.000792
132.0	3710.010002	0.000539	3789.990004	0.001055

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647334 (3710.01 MHz)		CH 652666 (3789.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3710.009998	-0.000539	3789.990004	0.001055
-20	3710.010003	0.000809	3789.989996	-0.001055
-10	3710.009999	-0.000270	3789.990003	0.000792
0	3710.009996	-0.001078	3789.989998	-0.000528
10	3710.010002	0.000539	3789.990002	0.000528
20	3710.010004	0.001078	3789.989996	-0.001055
30	3710.009999	-0.000270	3789.989999	-0.000264
40	3710.009998	-0.000539	3789.990001	0.000264
50	3710.009999	-0.000270	3789.990002	0.000528

Ant. TX3

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 647334 (3710.01 MHz)		CH 652666 (3789.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3710.010002	0.000539	3789.990002	0.000528
102.0	3710.009999	-0.000270	3789.989997	-0.000792
132.0	3710.009998	-0.000539	3789.990003	0.000792

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647334 (3710.01 MHz)		CH 652666 (3789.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3710.010002	0.000539	3789.990001	0.000264
-20	3710.010003	0.000809	3789.989998	-0.000528
-10	3710.009996	-0.001078	3789.989997	-0.000792
0	3710.010002	0.000539	3789.989996	-0.001055
10	3710.009999	-0.000270	3789.990002	0.000528
20	3710.010003	0.000809	3789.989997	-0.000792
30	3710.009996	-0.001078	3789.990004	0.001055
40	3710.010004	0.001078	3789.989998	-0.000528
50	3710.010002	0.000539	3789.990003	0.000792

NR n78, Channel Bandwidth: 40 MHz

Ant. TX0

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 648000 (3720.00 MHz)		CH 652000 (3780.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3719.999997	-0.000806	3780.000004	0.001058
102.0	3720.000001	0.000269	3780.000004	0.001058
132.0	3719.999998	-0.000538	3780.000001	0.000265

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648000 (3720.00 MHz)		CH 652000 (3780.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3719.999996	-0.001075	3779.999997	-0.000794
-20	3719.999997	-0.000806	3779.999996	-0.001058
-10	3720.000004	0.001075	3779.999998	-0.000529
0	3720.000001	0.000269	3779.999998	-0.000529
10	3719.999997	-0.000806	3780.000001	0.000265
20	3720.000001	0.000269	3779.999999	-0.000265
30	3720.000001	0.000269	3779.999998	-0.000529
40	3720.000003	0.000806	3779.999997	-0.000794
50	3720.000001	0.000269	3779.999996	-0.001058

Ant. TX1

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 648000 (3720.00 MHz)		CH 652000 (3780.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3720.000004	0.001075	3780.000001	0.000265
102.0	3720.000001	0.000269	3780.000002	0.000529
132.0	3719.999997	-0.000806	3779.999997	-0.000794

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648000 (3720.00 MHz)		CH 652000 (3780.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3719.999996	-0.001075	3780.000001	0.000265
-20	3719.999998	-0.000538	3779.999999	-0.000265
-10	3720.000001	0.000269	3780.000004	0.001058
0	3719.999999	-0.000269	3779.999998	-0.000529
10	3720.000002	0.000538	3780.000003	0.000794
20	3719.999999	-0.000269	3780.000004	0.001058
30	3719.999999	-0.000269	3780.000004	0.001058
40	3720.000004	0.001075	3779.999998	-0.000529
50	3720.000002	0.000538	3779.999999	-0.000265

Ant. TX2

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 648000 (3720.00 MHz)		CH 652000 (3780.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3719.999999	-0.000269	3779.999998	-0.000529
102.0	3720.000002	0.000538	3779.999998	-0.000529
132.0	3719.999998	-0.000538	3779.999996	-0.001058

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648000 (3720.00 MHz)		CH 652000 (3780.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3720.000002	0.000538	3780.000004	0.001058
-20	3719.999999	-0.000269	3779.999999	-0.000265
-10	3720.000001	0.000269	3780.000004	0.001058
0	3720.000003	0.000806	3780.000001	0.000265
10	3720.000003	0.000806	3780.000001	0.000265
20	3719.999997	-0.000806	3780.000001	0.000265
30	3719.999999	-0.000269	3779.999996	-0.001058
40	3719.999998	-0.000538	3780.000001	0.000265
50	3719.999998	-0.000538	3779.999998	-0.000529

Ant. TX3

Frequency Stability Versus Voltage				
Voltage (Vac)	CH 648000 (3720.00 MHz)		CH 652000 (3780.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
120.0	3719.999999	-0.000269	3779.999998	-0.000529
102.0	3719.999996	-0.001075	3780.000003	0.000794
132.0	3720.000001	0.000269	3779.999996	-0.001058

Note: The applicant defined the normal working voltage is from 102 to 132 Vac.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648000 (3720.00 MHz)		CH 652000 (3780.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3720.000001	0.000269	3780.000001	0.000265
-20	3720.000002	0.000538	3779.999999	-0.000265
-10	3720.000003	0.000806	3780.000004	0.001058
0	3720.000001	0.000269	3780.000004	0.001058
10	3720.000003	0.000806	3780.000003	0.000794
20	3720.000001	0.000269	3779.999996	-0.001058
30	3720.000003	0.000806	3779.999996	-0.001058
40	3719.999996	-0.001075	3779.999998	-0.000529
50	3720.000002	0.000538	3780.000001	0.000265

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

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

If you have any comments, please feel free to contact us at the following:

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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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