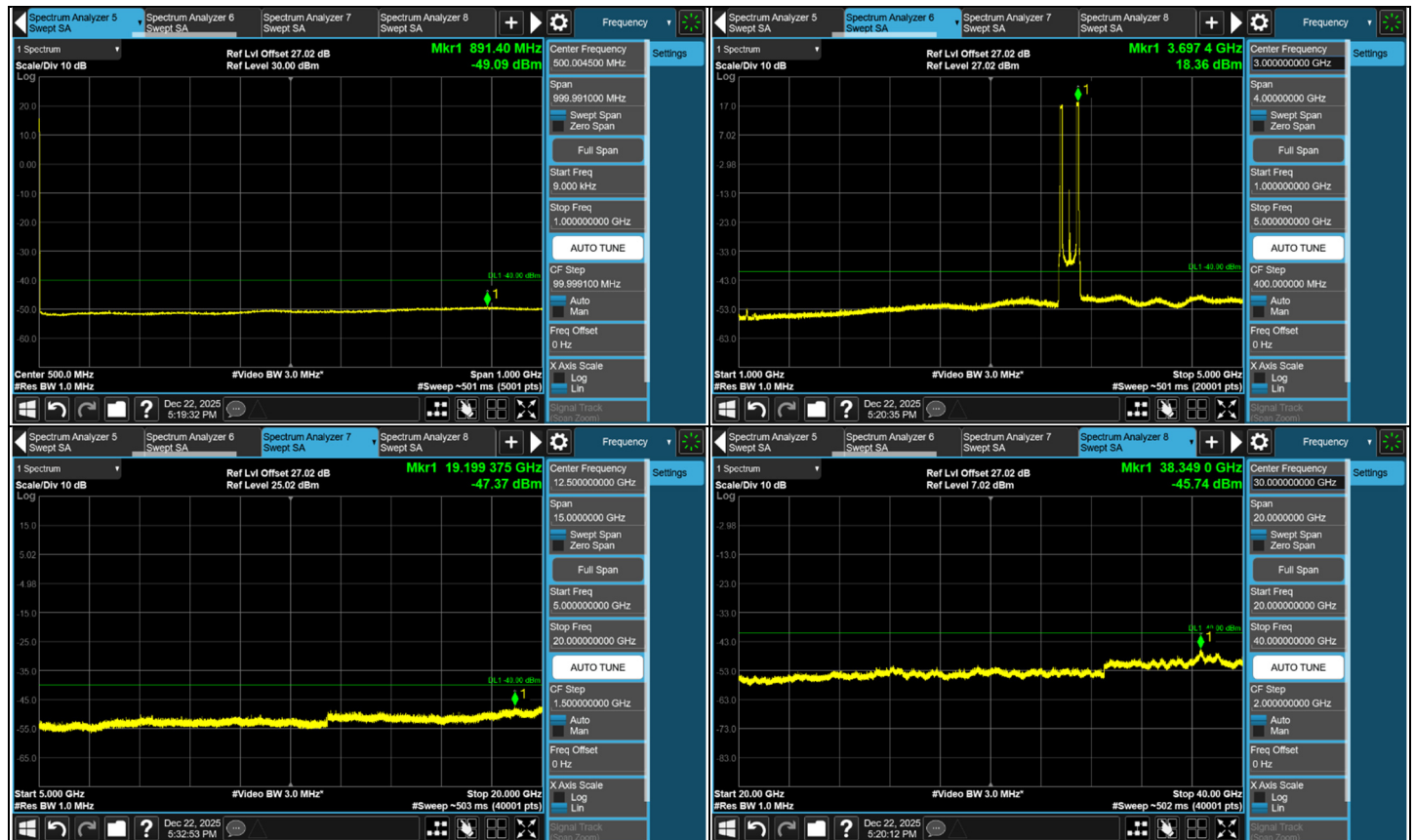
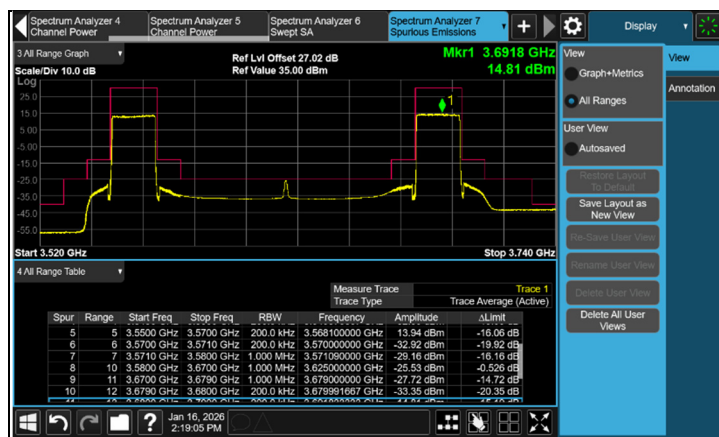


2CC-Non-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.1



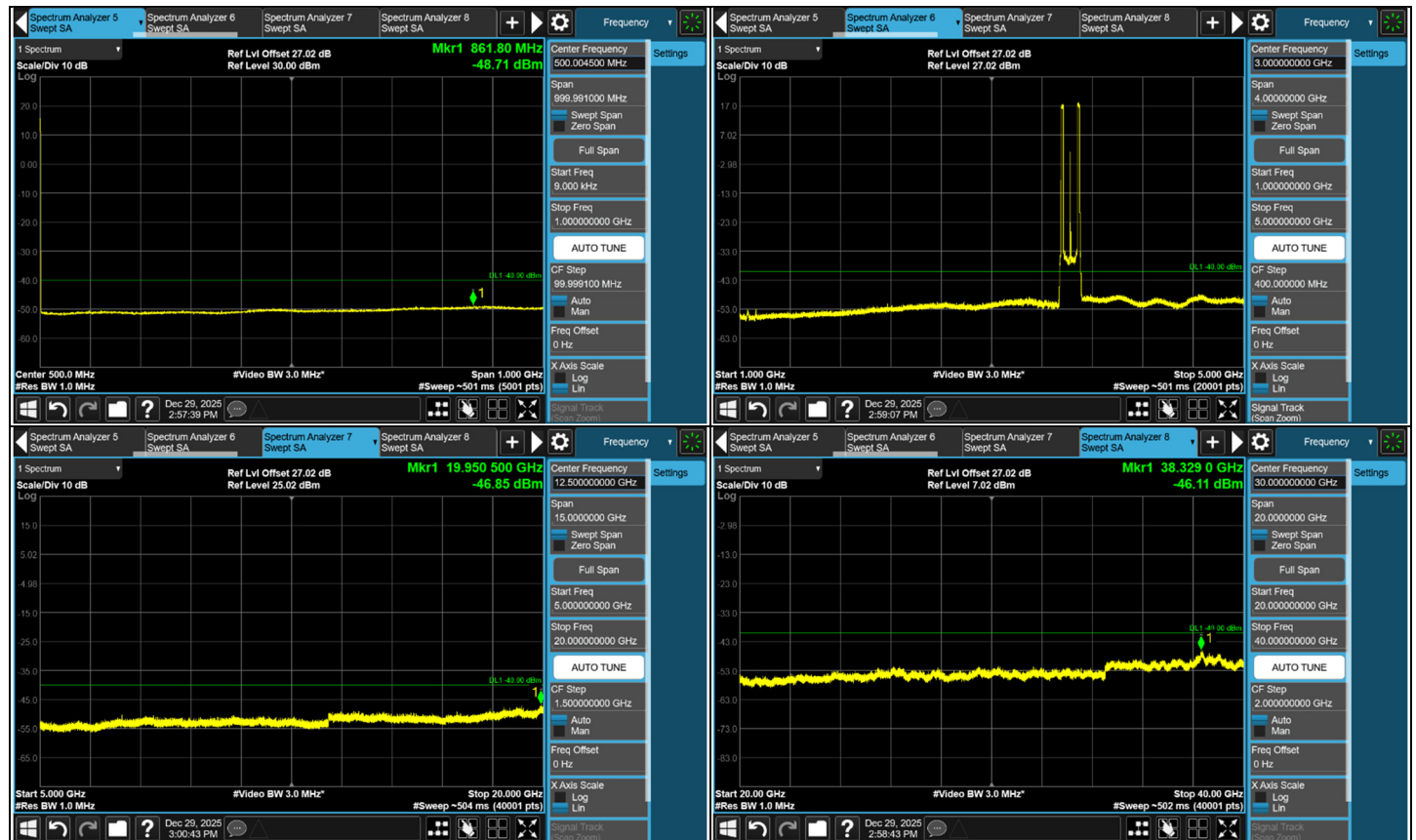
CH 637334 + CH 646000 (3560.01 MHz + 3690 MHz)

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



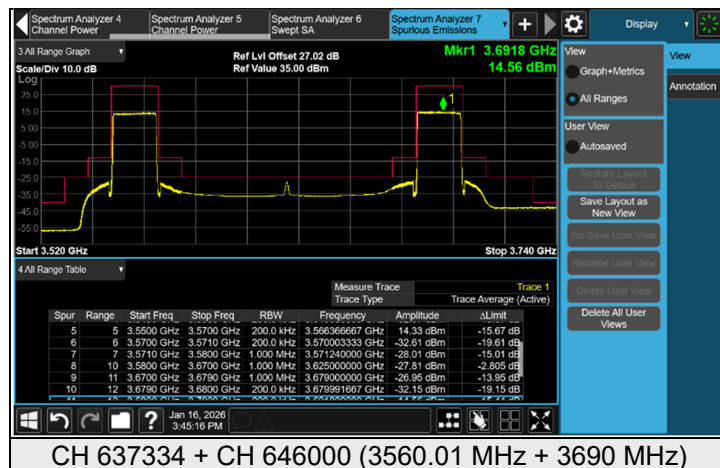
CH 637334 + CH 646000 (3560.01 MHz + 3690 MHz)

2CC-Non-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.2



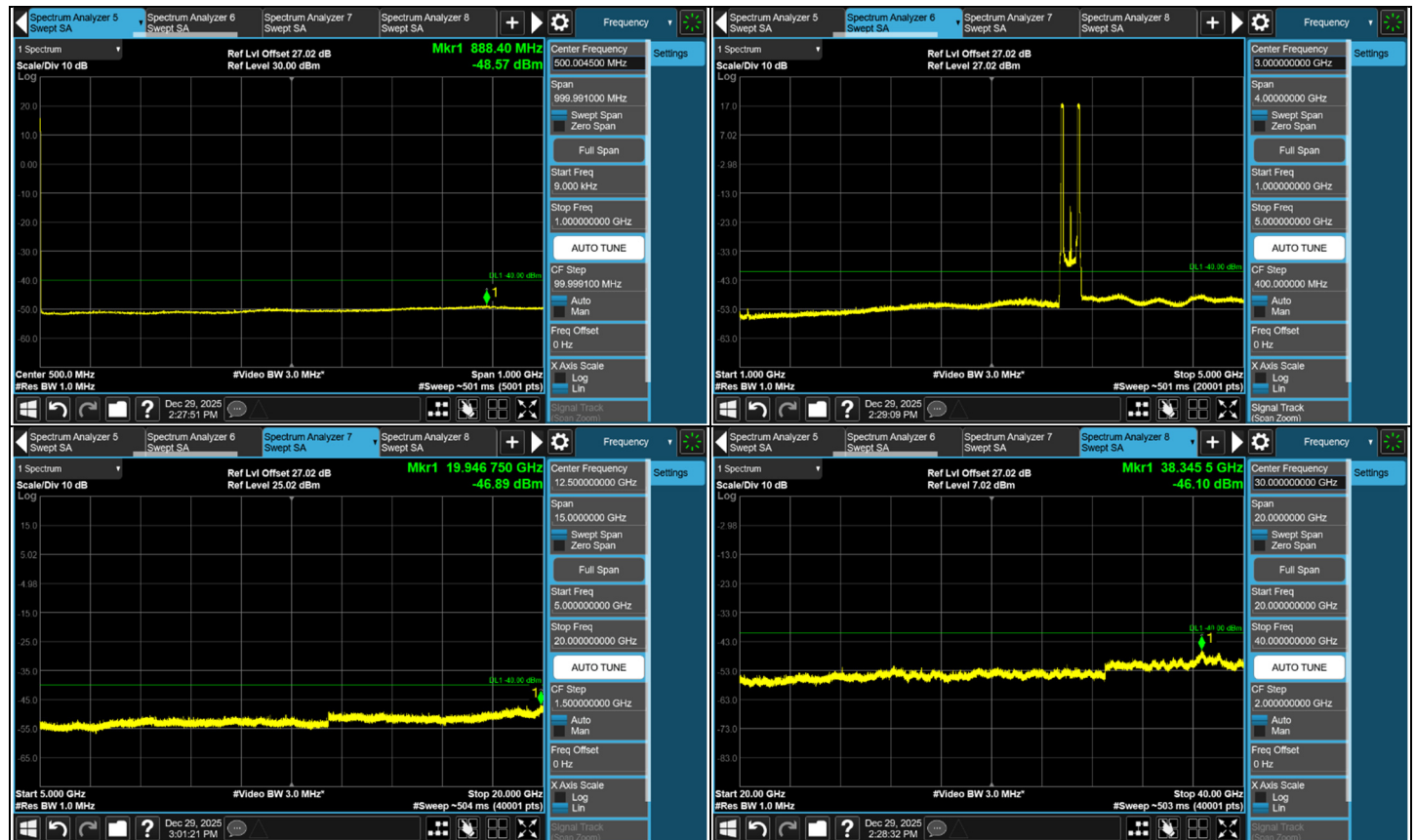
CH 637334 + CH 646000 (3560.01 MHz + 3690 MHz)

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



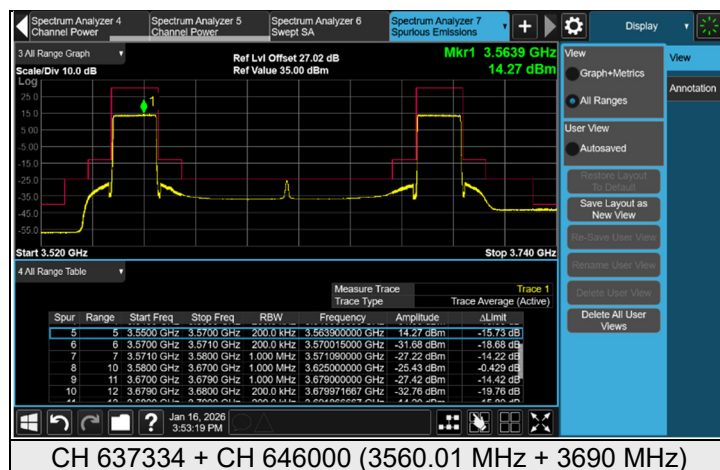
CH 637334 + CH 646000 (3560.01 MHz + 3690 MHz)

2CC-Non-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.3



CH 637334 + CH 646000 (3560.01 MHz + 3690 MHz)

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



CH 637334 + CH 646000 (3560.01 MHz + 3690 MHz)

7.7 Radiated Spurious Emissions below 1GHz

7.7.1 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz)

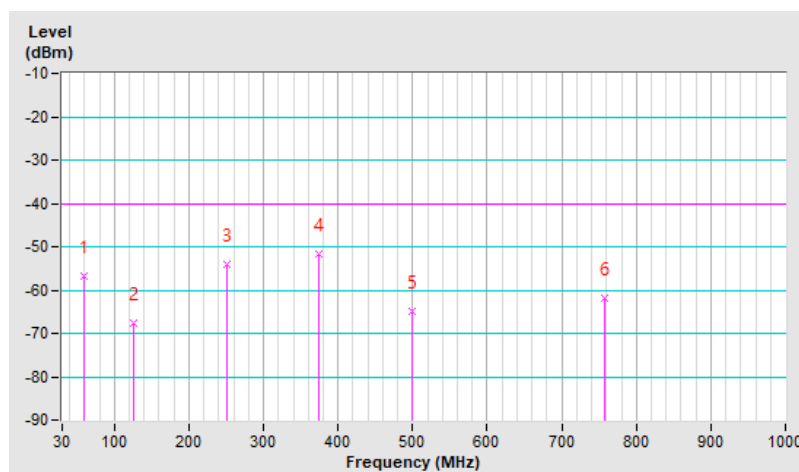
1CC

RF Mode	NR n48 Channel Bandwidth: 40MHz	Channel	CH 637334 : 3560.01 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, 66% RH
Tested By	Tony Wu		

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	59.10	-56.85	-40.00	-16.85	1.25 H	163	51.91	-108.76
2	125.06	-67.56	-40.00	-27.56	1.87 H	152	42.12	-109.68
3	250.19	-54.19	-40.00	-14.19	1.44 H	196	54.94	-109.13
4	374.35	-51.60	-40.00	-11.60	1.22 H	204	53.82	-105.42
5	499.48	-64.81	-40.00	-24.81	1.85 H	37	37.72	-102.53
6	757.50	-61.87	-40.00	-21.87	1.02 H	214	35.09	-96.96

Remarks:

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

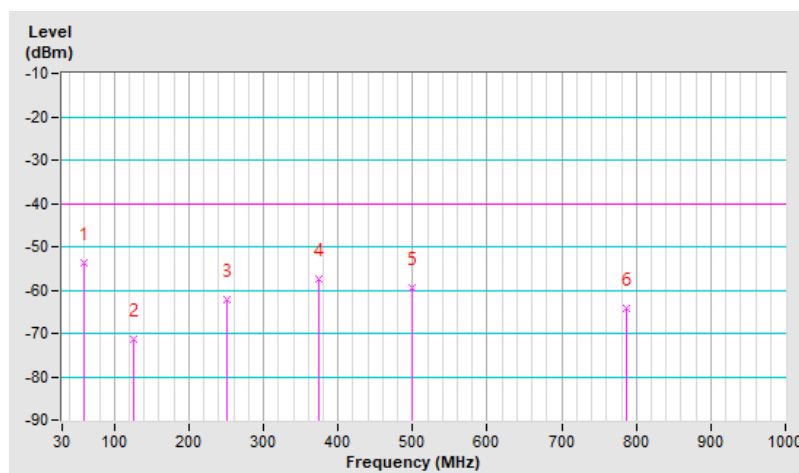


RF Mode	NR n48 Channel Bandwidth: 40MHz	Channel	CH 637334 : 3560.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Tony Wu		

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	59.10	-53.83	-40.00	-13.83	1.27 V	155	54.93	-108.76
2	125.06	-71.34	-40.00	-31.34	1.84 V	293	38.34	-109.68
3	250.19	-62.12	-40.00	-22.12	1.77 V	151	47.01	-109.13
4	374.35	-57.47	-40.00	-17.47	1.33 V	206	47.95	-105.42
5	499.48	-59.62	-40.00	-19.62	1.96 V	155	42.91	-102.53
6	787.57	-64.24	-40.00	-24.24	1.72 V	51	32.31	-96.55

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 of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



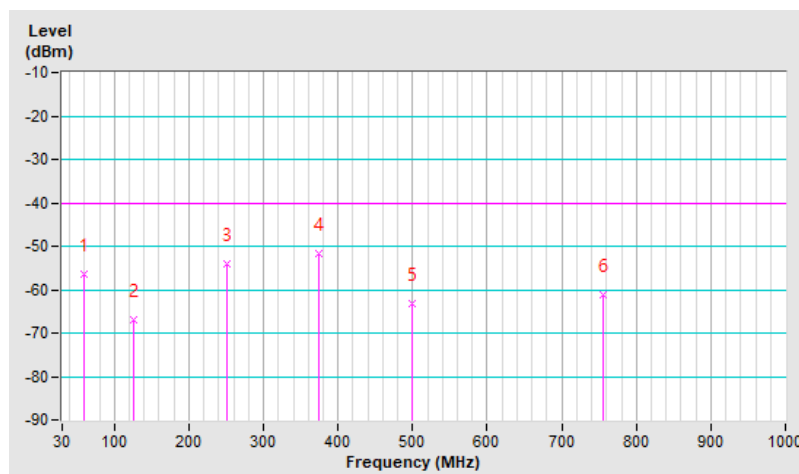
2CC-Non-contiguous

RF Mode	NR n48 Channel Bandwidth: 20 MHz + 40 MHz	Channel	CH 637334 (3560.01 MHz) + CH 645334 (3680.01 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, 66% RH
Tested By	Tony Wu		

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	59.10	-56.57	-40.00	-16.57	1.54 H	172	52.19	-108.76
2	125.06	-66.99	-40.00	-26.99	1.69 H	225	42.69	-109.68
3	250.19	-54.13	-40.00	-14.13	1.84 H	154	55.00	-109.13
4	374.35	-51.83	-40.00	-11.83	1.22 H	208	53.59	-105.42
5	499.48	-63.22	-40.00	-23.22	1.63 H	104	39.31	-102.53
6	755.56	-61.20	-40.00	-21.20	1.75 H	196	35.73	-96.93

Remarks:

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

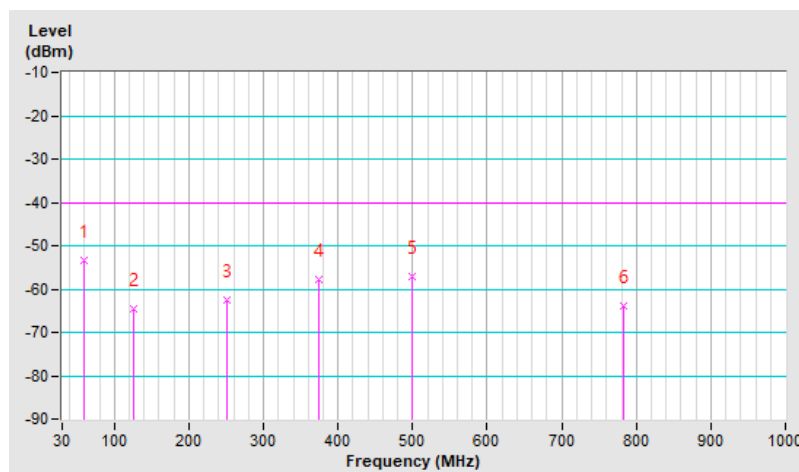


RF Mode	NR n48 Channel Bandwidth: 20 MHz + 40 MHz	Channel	CH 637334 (3560.01 MHz) + CH 645334 (3680.01 MHz)
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 66% RH
Tested By	Tony Wu		

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	59.10	-53.34	-40.00	-13.34	1.72 V	226	55.42	-108.76
2	125.06	-64.69	-40.00	-24.69	1.98 V	221	44.99	-109.68
3	250.19	-62.40	-40.00	-22.40	1.38 V	208	46.73	-109.13
4	374.35	-57.65	-40.00	-17.65	1.66 V	293	47.77	-105.42
5	499.48	-57.06	-40.00	-17.06	1.22 V	84	45.47	-102.53
6	783.69	-64.05	-40.00	-24.05	1.08 V	223	32.48	-96.53

Remarks:

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



7.8 Radiated Spurious Emissions above 1GHz

7.8.1 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz)

1CC

RF Mode	NR n48 Channel Bandwidth: 10MHz	Channel	CH 637000 : 3555 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, 66% RH
Tested By	Tony Wu		

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	-52.03	-40.00	-12.03	1.74 H	5	35.95	-87.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7110.00	-52.46	-40.00	-12.46	1.61 V	358	35.52	-87.98

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 10MHz	Channel	CH 641666 : 3624.99 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, 66% RH
Tested By	Tony Wu		

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	-51.58	-40.00	-11.58	1.75 H	6	36.26	-87.84
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	-51.98	-40.00	-11.98	1.67 V	355	35.86	-87.84

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 10MHz	Channel	CH 646332 : 3694.98 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, 66% RH
Tested By	Tony Wu		

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	-49.27	-40.00	-9.27	1.64 H	0	38.54	-87.81
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	-49.32	-40.00	-9.32	1.70 V	0	38.49	-87.81

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz	Channel	CH 637334 : 3560.01 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, 66% RH
Tested By	Tony Wu		

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	-52.59	-40.00	-12.59	1.71 H	5	35.43	-88.02
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	-52.76	-40.00	-12.76	1.68 V	359	35.26	-88.02

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz	Channel	CH 641666 : 3624.99 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, 66% RH
Tested By	Tony Wu		

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	-52.32	-40.00	-12.32	1.76 H	3	35.52	-87.84
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	-52.78	-40.00	-12.78	1.72 V	356	35.06	-87.84

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz	Channel	CH 646000 : 3690 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, 66% RH
Tested By	Tony Wu		

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	-47.18	-40.00	-7.18	1.67 H	1	40.61	-87.79
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	-47.82	-40.00	-7.82	1.68 V	2	39.97	-87.79

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.

RF Mode	NR n48 Channel Bandwidth: 40MHz	Channel	CH 638000 : 3570 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, 66% RH
Tested By	Tony Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7140.00	-52.82	-40.00	-12.82	1.72 H	6	35.27	-88.09
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	-52.99	-40.00	-12.99	1.65 V	4	35.10	-88.09

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 40MHz	Channel	CH 641666 : 3624.99 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, 66% RH
Tested By	Tony Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7249.98	-46.72	-40.00	-6.72	1.65 H	3	41.12	-87.84
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	-47.24	-40.00	-7.24	1.72 V	5	40.60	-87.84

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 40MHz	Channel	CH 645332 : 3679.98 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, 66% RH
Tested By	Tony Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7359.96	-51.94	-40.00	-11.94	1.73 H	2	35.79	-87.73
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	-52.36	-40.00	-12.36	1.70 V	1	35.37	-87.73

Remarks:

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

2CC-contiguous

RF Mode	NR n48 Channel Bandwidth: 10MHz + 20MHz	Channel	CH 637000 : 3555 MHz + CH 640000 : 3600 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, 66% RH
Tested By	Tony Wu		

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	-41.99	-40.00	-1.99	1.72 H	21	45.99	-87.98
2	7200.00	-42.36	-40.00	-2.36	1.78 H	15	45.62	-87.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7110.00	-42.21	-40.00	-2.21	1.57 V	351	45.77	-87.98
2	7200.00	-42.04	-40.00	-2.04	1.57 V	358	45.94	-87.98

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 10MHz + 20MHz	Channel	CH 640000 (3600 MHz) + CH 643000 (3645 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, 66% RH
Tested By	Tony Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7200.00	-42.72	-40.00	-2.72	1.75 H	14	45.26	-87.98
2	7290.00	-41.63	-40.00	-1.63	1.78 H	11	46.20	-87.83
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7200.00	-42.77	-40.00	-2.77	1.55 V	352	45.21	-87.98
2	7290.00	-41.87	-40.00	-1.87	1.57 V	356	45.96	-87.83

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 10MHz + 20MHz	Channel	CH 643000 (3645 MHz) + CH 646000 (3690 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, 66% RH
Tested By	Tony Wu		

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	7290.00	-41.47	-40.00	-1.47	1.73 H	18	46.36	-87.83
2	7380.00	-41.84	-40.00	-1.84	1.79 H	21	45.95	-87.79
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	7290.00	-41.75	-40.00	-1.75	1.54 V	357	46.08	-87.83
2	7380.00	-42.02	-40.00	-2.02	1.57 V	348	45.77	-87.79

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.

RF Mode	NR n48 Channel Bandwidth: 20MHz + 10MHz	Channel	CH 637334 (3560.01 MHz) + CH 640334 (3605.01 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, 66% RH
Tested By	Tony Wu		

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	-42.02	-40.00	-2.02	1.71 H	21	46.00	-88.02
2	7210.02	-42.73	-40.00	-2.73	1.73 H	18	45.22	-87.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-41.91	-40.00	-1.91	1.57 V	354	46.11	-88.02
2	7210.02	-42.35	-40.00	-2.35	1.54 V	351	45.60	-87.95

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz + 10MHz	Channel	CH 640334 (3605.01 MHz) + CH 643334 (3650.01 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, 66% RH
Tested By	Tony Wu		

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	7210.02	-42.02	-40.00	-2.02	1.77 H	8	45.93	-87.95
2	7300.02	-42.10	-40.00	-2.10	1.78 H	17	45.73	-87.83
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	7210.02	-42.50	-40.00	-2.50	1.58 V	354	45.45	-87.95
2	7300.02	-41.88	-40.00	-1.88	1.61 V	351	45.95	-87.83

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz + 10MHz	Channel	CH 643334 (3650.01 MHz) + CH 646334 (3695.01 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, 66% RH
Tested By	Tony Wu		

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	7300.00	-41.30	-40.00	-1.30	1.71 H	18	46.53	-87.83
2	7390.02	-41.62	-40.00	-1.62	1.75 H	13	46.19	-87.81
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	7300.00	-41.82	-40.00	-1.82	1.58 V	358	46.01	-87.83
2	7390.02	-42.16	-40.00	-2.16	1.61 V	4	45.65	-87.81

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz + 20MHz	Channel	CH 637334 (3560.01 MHz) + CH 640000 (3600 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, 66% RH
Tested By	Tony Wu		

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	-42.20	-40.00	-2.20	1.77 H	15	45.82	-88.02
2	7200.00	-42.21	-40.00	-2.21	1.76 H	11	45.77	-87.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-42.28	-40.00	-2.28	1.54 V	353	45.74	-88.02
2	7200.00	-42.58	-40.00	-2.58	1.57 V	355	45.40	-87.98

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz + 20MHz	Channel	CH 640334 (3605.01 MHz) + CH 643000 (3645 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, 66% RH
Tested By	Tony Wu		

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	7210.02	-42.03	-40.00	-2.03	1.77 H	9	45.92	-87.95
2	7290.00	-41.94	-40.00	-1.94	1.73 H	18	45.89	-87.83
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	7210.02	-42.24	-40.00	-2.24	1.53 V	357	45.71	-87.95
2	7290.00	-42.23	-40.00	-2.23	1.57 V	351	45.60	-87.83

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz + 20MHz	Channel	CH 643334 (3650.01 MHz) + CH 646000 (3690 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, 66% RH
Tested By	Tony Wu		

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	7300.02	-41.90	-40.00	-1.90	1.76 H	10	45.93	-87.83
2	7380.00	-41.98	-40.00	-1.98	1.77 H	18	45.81	-87.79
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	7300.02	-42.07	-40.00	-2.07	1.53 V	352	45.76	-87.83
2	7380.00	-42.02	-40.00	-2.02	1.55 V	358	45.77	-87.79

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.

RF Mode	NR n48 Channel Bandwidth: 20MHz + 40MHz	Channel	CH 637334 (3560.01 MHz) + CH 639334 (3590.01 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, 66% RH
Tested By	Tony Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-41.95	-40.00	-1.95	1.77 H	19	46.07	-88.02
2	7180.02	-42.12	-40.00	-2.12	1.74 H	12	45.92	-88.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-41.97	-40.00	-1.97	1.55 V	352	46.05	-88.02
2	7180.02	-42.48	-40.00	-2.48	1.57 V	357	45.56	-88.04

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz + 40MHz	Channel	CH 640334 (3605.01 MHz) + CH 642334 (3635.01 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, 66% RH
Tested By	Tony Wu		

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	7210.02	-42.46	-40.00	-2.46	1.76 H	13	45.49	-87.95
2	7270.02	-42.12	-40.00	-2.12	1.77 H	19	45.72	-87.84
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	7210.02	-42.65	-40.00	-2.65	1.54 V	355	45.30	-87.95
2	7270.02	-42.55	-40.00	-2.55	1.58 V	351	45.29	-87.84

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz + 40MHz	Channel	CH 643334 (3650.01 MHz) + CH 645334 (3680.01 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, 66% RH
Tested By	Tony Wu		

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	7300.02	-41.89	-40.00	-1.89	1.74 H	13	45.94	-87.83
2	7360.02	-41.21	-40.00	-1.21	1.73 H	18	46.53	-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	7300.02	-42.16	-40.00	-2.16	1.51 V	354	45.67	-87.83
2	7360.02	-42.13	-40.00	-2.13	1.56 V	357	45.61	-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.

2CC-Non-contiguous

RF Mode	NR n48 Channel Bandwidth: 10MHz + 20MHz	Channel	CH 637000 (3555 MHz) + CH 646000 (3690 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, 66% RH
Tested By	Tony Wu		

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	-42.26	-40.00	-2.26	1.76 H	28	45.72	-87.98
2	7380.00	-41.97	-40.00	-1.97	1.81 H	22	45.82	-87.79
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	-42.33	-40.00	-2.33	1.54 V	329	45.65	-87.98
2	7380.00	-42.08	-40.00	-2.08	1.49 V	345	45.71	-87.79

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.

RF Mode	NR n48 Channel Bandwidth: 20MHz + 10MHz	Channel	CH 637334 (3560.01 MHz) + CH 646334 (3695.01 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, 66% RH
Tested By	Tony Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-41.85	-40.00	-1.85	1.26 H	228	46.17	-88.02
2	7390.02	-41.49	-40.00	-1.49	1.78 H	11	46.32	-87.81
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-41.83	-40.00	-1.83	1.58 V	356	46.19	-88.02
2	7390.02	-41.97	-40.00	-1.97	1.58 V	4	45.84	-87.81

Remarks:

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

RF Mode	NR n48 Channel Bandwidth: 20MHz + 20MHz	Channel	CH 637334 (3560.01 MHz) + CH 646000 (3690 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, 66% RH
Tested By	Tony Wu		

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	-42.08	-40.00	-2.08	1.81 H	25	45.94	-88.02
2	7380.00	-41.87	-40.00	-1.87	1.74 H	16	45.92	-87.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-41.98	-40.00	-1.98	1.60 V	358	46.04	-88.02
2	7380.00	-41.95	-40.00	-1.95	1.59 V	348	45.84	-87.79

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.

RF Mode	NR n48 Channel Bandwidth: 20MHz + 40MHz	Channel	CH 637334 (3560.01 MHz) + CH 645334 (3680.01 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, 66% RH
Tested By	Tony Wu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7120.02	-41.97	-40.00	-1.97	1.72 H	22	46.05	-88.02
2	7360.02	-41.37	-40.00	-1.37	1.73 H	14	46.37	-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	7120.02	-41.90	-40.00	-1.90	1.58 V	356	46.12	-88.02
2	7360.02	-41.92	-40.00	-1.92	1.53 V	357	45.82	-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.

7.9 Frequency Stability

Environmental Conditions:	25°C, 60% RH	Tested By:	Noah Chang
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7.9.1 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz)

1CC, Channel Bandwidth: 10 MHz, Ant.0

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637000 (3555 MHz)		CH 646332 (3694.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3554.999999	-0.000281	3694.980002	0.000541
48	3555.000001	0.000281	3694.980002	0.000541
40	3554.999998	-0.000563	3694.979996	-0.001083

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637000 (3555 MHz)		CH 646332 (3694.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3555.000001	0.000281	3694.980004	0.001083
-30	3554.999997	-0.000844	3694.979998	-0.000541
-20	3554.999996	-0.001125	3694.980002	0.000541
-10	3554.999997	-0.000844	3694.980004	0.001083
0	3555.000003	0.000844	3694.980005	0.001353
10	3555.000003	0.000844	3694.979996	-0.001083
20	3554.999996	-0.001125	3694.980003	0.000812
30	3555.000005	0.001406	3694.979997	-0.000812
40	3555.000004	0.001125	3694.979996	-0.001083
50	3554.999997	-0.000844	3694.979997	-0.000812
60	3554.999998	-0.000563	3694.980002	0.000541

1CC, Channel Bandwidth: 10 MHz, Ant.1

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637000 (3555 MHz)		CH 646332 (3694.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3555.000004	0.001125	3694.980003	0.000812
48	3555.000003	0.000844	3694.979997	-0.000812
40	3554.999996	-0.001125	3694.980005	0.001353

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637000 (3555 MHz)		CH 646332 (3694.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3554.999997	-0.000844	3694.979997	-0.000812
-30	3555.000005	0.001406	3694.980004	0.001083
-20	3555.000005	0.001406	3694.979997	-0.000812
-10	3555.000002	0.000563	3694.980003	0.000812
0	3555.000002	0.000563	3694.979998	-0.000541
10	3554.999998	-0.000563	3694.980003	0.000812
20	3554.999997	-0.000844	3694.979998	-0.000541
30	3554.999996	-0.001125	3694.979998	-0.000541
40	3555.000005	0.001406	3694.980001	0.000271
50	3554.999996	-0.001125	3694.980002	0.000541
60	3555.000001	0.000281	3694.979998	-0.000541

1CC, Channel Bandwidth: 10 MHz, Ant.2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637000 (3555 MHz)		CH 646332 (3694.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3554.999997	-0.000844	3694.980002	0.000541
48	3554.999997	-0.000844	3694.980005	0.001353
40	3554.999996	-0.001125	3694.980005	0.001353

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637000 (3555 MHz)		CH 646332 (3694.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3555.000002	0.000563	3694.979996	-0.001083
-30	3555.000002	0.000563	3694.980004	0.001083
-20	3555.000001	0.000281	3694.979997	-0.000812
-10	3555.000005	0.001406	3694.979995	-0.001353
0	3555.000002	0.000563	3694.979999	-0.000271
10	3555.000005	0.001406	3694.979999	-0.000271
20	3555.000002	0.000563	3694.979999	-0.000271
30	3555.000003	0.000844	3694.979998	-0.000541
40	3555.000002	0.000563	3694.979999	-0.000271
50	3554.999996	-0.001125	3694.980003	0.000812
60	3554.999998	-0.000563	3694.980005	0.001353

1CC, Channel Bandwidth: 10 MHz, Ant.3

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637000 (3555 MHz)		CH 646332 (3694.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3554.999995	-0.001406	3694.980005	0.001353
48	3554.999999	-0.000281	3694.979997	-0.000812
40	3554.999996	-0.001125	3694.980002	0.000541

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637000 (3555 MHz)		CH 646332 (3694.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3555.000001	0.000281	3694.979997	-0.000812
-30	3555.000002	0.000563	3694.980005	0.001353
-20	3555.000003	0.000844	3694.980004	0.001083
-10	3555.000005	0.001406	3694.980004	0.001083
0	3555.000003	0.000844	3694.979996	-0.001083
10	3555.000002	0.000563	3694.980001	0.000271
20	3554.999999	-0.000281	3694.980002	0.000541
30	3554.999997	-0.000844	3694.979999	-0.000271
40	3555.000005	0.001406	3694.980004	0.001083
50	3554.999996	-0.001125	3694.980002	0.000541
60	3555.000003	0.000844	3694.980002	0.000541

1CC, Channel Bandwidth: 20 MHz, Ant.0

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010002	0.000562	3689.999996	-0.001084
48	3560.010002	0.000562	3689.999998	-0.000542
40	3560.009999	-0.000281	3689.999995	-0.001355

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009997	-0.000843	3690.000001	0.000271
-30	3560.010003	0.000843	3689.999998	-0.000542
-20	3560.010004	0.001124	3690.000004	0.001084
-10	3560.010002	0.000562	3689.999995	-0.001355
0	3560.009999	-0.000281	3689.999995	-0.001355
10	3560.010003	0.000843	3689.999997	-0.000813
20	3560.009996	-0.001124	3689.999999	-0.000271
30	3560.010002	0.000562	3689.999996	-0.001084
40	3560.010005	0.001404	3690.000005	0.001355
50	3560.010003	0.000843	3689.999996	-0.001084
60	3560.009998	-0.000562	3690.000003	0.000813

1CC, Channel Bandwidth: 20 MHz, Ant.1

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010004	0.001124	3689.999996	-0.001084
48	3560.009998	-0.000562	3690.000001	0.000271
40	3560.010005	0.001404	3690.000005	0.001355

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009998	-0.000562	3690.000003	0.000813
-30	3560.009999	-0.000281	3689.999999	-0.000271
-20	3560.009996	-0.001124	3689.999996	-0.001084
-10	3560.010002	0.000562	3690.000003	0.000813
0	3560.009998	-0.000562	3690.000005	0.001355
10	3560.010003	0.000843	3690.000002	0.000542
20	3560.009999	-0.000281	3690.000003	0.000813
30	3560.009995	-0.001404	3689.999999	-0.000271
40	3560.009999	-0.000281	3690.000004	0.001084
50	3560.010005	0.001404	3689.999997	-0.000813
60	3560.009998	-0.000562	3689.999995	-0.001355

1CC, Channel Bandwidth: 20 MHz, Ant.2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.009996	-0.001124	3689.999996	-0.001084
48	3560.010002	0.000562	3690.000004	0.001084
40	3560.010004	0.001124	3690.000003	0.000813

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009998	-0.000562	3690.000005	0.001355
-30	3560.009996	-0.001124	3689.999995	-0.001355
-20	3560.010004	0.001124	3689.999998	-0.000542
-10	3560.010001	0.000281	3690.000002	0.000542
0	3560.010002	0.000562	3689.999996	-0.001084
10	3560.010004	0.001124	3690.000003	0.000813
20	3560.009999	-0.000281	3689.999995	-0.001355
30	3560.010004	0.001124	3690.000003	0.000813
40	3560.010002	0.000562	3690.000002	0.000542
50	3560.010002	0.000562	3690.000001	0.000271
60	3560.009997	-0.000843	3690.000004	0.001084

1CC, Channel Bandwidth: 20 MHz, Ant.3

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.009995	-0.001404	3690.000005	0.001355
48	3560.009997	-0.000843	3690.000002	0.000542
40	3560.009999	-0.000281	3689.999997	-0.000813

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.010002	0.000562	3690.000005	0.001355
-30	3560.010005	0.001404	3690.000003	0.000813
-20	3560.009998	-0.000562	3690.000003	0.000813
-10	3560.010005	0.001404	3690.000003	0.000813
0	3560.009998	-0.000562	3690.000002	0.000542
10	3560.009999	-0.000281	3689.999997	-0.000813
20	3560.010005	0.001404	3690.000002	0.000542
30	3560.009998	-0.000562	3689.999997	-0.000813
40	3560.010005	0.001404	3689.999998	-0.000542
50	3560.010005	0.001404	3690.000001	0.000271
60	3560.010002	0.000562	3690.000001	0.000271

1CC, Channel Bandwidth: 30 MHz, Ant.0

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637668 (3565.02 MHz)		CH 645666 (3684.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3565.019997	-0.000842	3684.990003	0.000814
48	3565.020005	0.001403	3684.989997	-0.000814
40	3565.020002	0.000561	3684.990005	0.001357

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637668 (3565.02 MHz)		CH 645666 (3684.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3565.019998	-0.000561	3684.990003	0.000814
-30	3565.019998	-0.000561	3684.989996	-0.001085
-20	3565.020001	0.000281	3684.989998	-0.000543
-10	3565.019999	-0.000281	3684.989999	-0.000271
0	3565.019999	-0.000281	3684.989998	-0.000543
10	3565.020004	0.001122	3684.990002	0.000543
20	3565.020001	0.000281	3684.990002	0.000543
30	3565.020004	0.001122	3684.990003	0.000814
40	3565.019997	-0.000842	3684.990002	0.000543
50	3565.019995	-0.001403	3684.990005	0.001357
60	3565.020004	0.001122	3684.989995	-0.001357

1CC, Channel Bandwidth: 30 MHz, Ant.1

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637668 (3565.02 MHz)		CH 645666 (3684.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3565.019997	-0.000842	3684.990001	0.000271
48	3565.019996	-0.001122	3684.989999	-0.000271
40	3565.020003	0.000842	3684.989995	-0.001357

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637668 (3565.02 MHz)		CH 645666 (3684.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3565.019998	-0.000561	3684.989998	-0.000543
-30	3565.020002	0.000561	3684.989998	-0.000543
-20	3565.019996	-0.001122	3684.989999	-0.000271
-10	3565.020002	0.000561	3684.990001	0.000271
0	3565.020003	0.000842	3684.989996	-0.001085
10	3565.019996	-0.001122	3684.990004	0.001085
20	3565.020004	0.001122	3684.989999	-0.000271
30	3565.019997	-0.000842	3684.989996	-0.001085
40	3565.019997	-0.000842	3684.990004	0.001085
50	3565.019997	-0.000842	3684.990005	0.001357
60	3565.019997	-0.000842	3684.990003	0.000814

1CC, Channel Bandwidth: 30 MHz, Ant.2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637668 (3565.02 MHz)		CH 645666 (3684.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3565.020004	0.001122	3684.989996	-0.001085
48	3565.020003	0.000842	3684.989999	-0.000271
40	3565.019998	-0.000561	3684.990002	0.000543

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637668 (3565.02 MHz)		CH 645666 (3684.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3565.020002	0.000561	3684.989998	-0.000543
-30	3565.019997	-0.000842	3684.989998	-0.000543
-20	3565.020005	0.001403	3684.989997	-0.000814
-10	3565.020003	0.000842	3684.990002	0.000543
0	3565.019999	-0.000281	3684.990001	0.000271
10	3565.019996	-0.001122	3684.990001	0.000271
20	3565.019998	-0.000561	3684.989996	-0.001085
30	3565.019996	-0.001122	3684.989998	-0.000543
40	3565.019998	-0.000561	3684.989997	-0.000814
50	3565.020004	0.001122	3684.989998	-0.000543
60	3565.019999	-0.000281	3684.990004	0.001085

1CC, Channel Bandwidth: 30 MHz, Ant.3

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637668 (3565.02 MHz)		CH 645666 (3684.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3565.020002	0.000561	3684.989995	-0.001357
48	3565.020002	0.000561	3684.990003	0.000814
40	3565.019997	-0.000842	3684.990004	0.001085

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637668 (3565.02 MHz)		CH 645666 (3684.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3565.019997	-0.000842	3684.989997	-0.000814
-30	3565.019996	-0.001122	3684.989997	-0.000814
-20	3565.020002	0.000561	3684.990003	0.000814
-10	3565.019996	-0.001122	3684.989995	-0.001357
0	3565.019995	-0.001403	3684.990002	0.000543
10	3565.019996	-0.001122	3684.989996	-0.001085
20	3565.020003	0.000842	3684.990003	0.000814
30	3565.019999	-0.000281	3684.990005	0.001357
40	3565.019996	-0.001122	3684.990003	0.000814
50	3565.020004	0.001122	3684.989998	-0.000543
60	3565.020003	0.000842	3684.990004	0.001085

1CC, Channel Bandwidth: 40 MHz, Ant.0

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 638000 (3570 MHz)		CH 645332 (3679.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3569.999997	-0.000840	3679.979995	-0.001359
48	3569.999996	-0.001120	3679.980003	0.000815
40	3569.999995	-0.001401	3679.979998	-0.000543

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 638000 (3570 MHz)		CH 645332 (3679.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3570.000003	0.000840	3679.979997	-0.000815
-30	3570.000003	0.000840	3679.980003	0.000815
-20	3569.999999	-0.000280	3679.979999	-0.000272
-10	3570.000005	0.001401	3679.980001	0.000272
0	3570.000005	0.001401	3679.980003	0.000815
10	3570.000005	0.001401	3679.979998	-0.000543
20	3569.999996	-0.001120	3679.980002	0.000543
30	3569.999999	-0.000280	3679.979997	-0.000815
40	3569.999997	-0.000840	3679.979995	-0.001359
50	3569.999997	-0.000840	3679.980005	0.001359
60	3570.000002	0.000560	3679.979998	-0.000543

1CC, Channel Bandwidth: 40 MHz, Ant.1

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 638000 (3570 MHz)		CH 645332 (3679.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3570.000001	0.000280	3679.980004	0.001087
48	3570.000003	0.000840	3679.980001	0.000272
40	3569.999995	-0.001401	3679.979996	-0.001087

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 638000 (3570 MHz)		CH 645332 (3679.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3569.999995	-0.001401	3679.979996	-0.001087
-30	3570.000005	0.001401	3679.980002	0.000543
-20	3570.000005	0.001401	3679.980002	0.000543
-10	3570.000005	0.001401	3679.979997	-0.000815
0	3569.999998	-0.000560	3679.979997	-0.000815
10	3569.999999	-0.000280	3679.980004	0.001087
20	3570.000001	0.000280	3679.980002	0.000543
30	3569.999997	-0.000840	3679.980003	0.000815
40	3570.000002	0.000560	3679.980001	0.000272
50	3569.999997	-0.000840	3679.979996	-0.001087
60	3570.000005	0.001401	3679.980004	0.001087

1CC, Channel Bandwidth: 40 MHz, Ant.2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 638000 (3570 MHz)		CH 645332 (3679.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3570.000002	0.000560	3679.980004	0.001087
48	3570.000004	0.001120	3679.980004	0.001087
40	3569.999999	-0.000280	3679.979999	-0.000272

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 638000 (3570 MHz)		CH 645332 (3679.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3569.999998	-0.000560	3679.979999	-0.000272
-30	3569.999997	-0.000840	3679.979996	-0.001087
-20	3570.000001	0.000280	3679.979997	-0.000815
-10	3570.000001	0.000280	3679.980005	0.001359
0	3570.000005	0.001401	3679.980001	0.000272
10	3569.999995	-0.001401	3679.980001	0.000272
20	3570.000004	0.001120	3679.979995	-0.001359
30	3570.000003	0.000840	3679.979997	-0.000815
40	3570.000004	0.001120	3679.979996	-0.001087
50	3570.000001	0.000280	3679.980004	0.001087
60	3569.999999	-0.000280	3679.979997	-0.000815

1CC, Channel Bandwidth: 40 MHz, Ant.3

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 638000 (3570 MHz)		CH 645332 (3679.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3569.999996	-0.001120	3679.980002	0.000543
48	3570.000003	0.000840	3679.979996	-0.001087
40	3569.999999	-0.000280	3679.980003	0.000815

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 638000 (3570 MHz)		CH 645332 (3679.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3570.000001	0.000280	3679.980002	0.000543
-30	3570.000001	0.000280	3679.980005	0.001359
-20	3569.999995	-0.001401	3679.980005	0.001359
-10	3569.999997	-0.000840	3679.980003	0.000815
0	3570.000001	0.000280	3679.979997	-0.000815
10	3569.999996	-0.001120	3679.979996	-0.001087
20	3570.000004	0.001120	3679.980001	0.000272
30	3569.999995	-0.001401	3679.979998	-0.000543
40	3570.000002	0.000560	3679.980005	0.001359
50	3569.999997	-0.000840	3679.980004	0.001087
60	3570.000002	0.000560	3679.980001	0.000272

2CC-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.0

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz) + CH 640000 (3600 MHz)		CH 643334 (3650.01 MHz) + CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010004	0.001125	3690.000005	0.001355
48	3560.009995	-0.001406	3689.999995	-0.001355
40	3560.009998	-0.000563	3689.999995	-0.001355

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz) + CH 640000 (3600 MHz)		CH 643334 (3650.01 MHz) + CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009996	-0.001125	3689.999997	-0.000813
-30	3560.010001	0.000281	3690.000002	0.000542
-20	3560.009995	-0.001406	3689.999995	-0.001355
-10	3560.009995	-0.001406	3690.000001	0.000271
0	3560.010003	0.000844	3689.999999	-0.000271
10	3560.010005	0.001406	3689.999995	-0.001355
20	3560.010002	0.000563	3690.000001	0.000271
30	3560.010002	0.000563	3690.000005	0.001355
40	3560.009995	-0.001406	3690.000004	0.001084
50	3560.010001	0.000281	3689.999995	-0.001355
60	3560.009998	-0.000563	3690.000001	0.000271

2CC-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.1

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz) + CH 640000 (3600 MHz)		CH 643334 (3650.01 MHz) + CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.009996	-0.001125	3690.000003	0.000813
48	3560.009997	-0.000844	3690.000005	0.001355
40	3560.009996	-0.001125	3690.000001	0.000271

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz) + CH 640000 (3600 MHz)		CH 643334 (3650.01 MHz) + CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.010003	0.000844	3690.000004	0.001084
-30	3560.010005	0.001406	3689.999998	-0.000542
-20	3560.009998	-0.000563	3690.000005	0.001355
-10	3560.010001	0.000281	3690.000002	0.000542
0	3560.009996	-0.001125	3690.000005	0.001355
10	3560.010003	0.000844	3690.000005	0.001355
20	3560.009997	-0.000844	3689.999999	-0.000271
30	3560.010003	0.000844	3690.000005	0.001355
40	3560.010001	0.000281	3690.000003	0.000813
50	3560.009998	-0.000563	3690.000001	0.000271
60	3560.010002	0.000563	3689.999995	-0.001355

2CC-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz) + CH 640000 (3600 MHz)		CH 643334 (3650.01 MHz) + CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010001	0.000281	3689.999999	-0.000271
48	3560.009997	-0.000844	3690.000003	0.000813
40	3560.009999	-0.000281	3690.000001	0.000271

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz) + CH 640000 (3600 MHz)		CH 643334 (3650.01 MHz) + CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009995	-0.001406	3689.999996	-0.001084
-30	3560.009998	-0.000563	3689.999999	-0.000271
-20	3560.010002	0.000563	3689.999996	-0.001084
-10	3560.010003	0.000844	3690.000003	0.000813
0	3560.010002	0.000563	3690.000003	0.000813
10	3560.009997	-0.000844	3690.000005	0.001355
20	3560.010003	0.000844	3690.000004	0.001084
30	3560.009997	-0.000844	3689.999999	-0.000271
40	3560.009998	-0.000563	3690.000003	0.000813
50	3560.010004	0.001125	3689.999996	-0.001084
60	3560.010002	0.000563	3690.000005	0.001355

2CC-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.3

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz) + CH 640000 (3600 MHz)		CH 643334 (3650.01 MHz) + CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010003	0.000844	3689.999996	-0.001084
48	3560.009998	-0.000563	3689.999999	-0.000271
40	3560.010005	0.001406	3689.999999	-0.000271

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz) + CH 640000 (3600 MHz)		CH 643334 (3650.01 MHz) + CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009998	-0.000563	3689.999997	-0.000813
-30	3560.010005	0.001406	3689.999997	-0.000813
-20	3560.010001	0.000281	3689.999996	-0.001084
-10	3560.010001	0.000281	3690.000004	0.001084
0	3560.009995	-0.001406	3689.999997	-0.000813
10	3560.010002	0.000563	3689.999998	-0.000542
20	3560.009995	-0.001406	3689.999997	-0.000813
30	3560.009995	-0.001406	3689.999999	-0.000271
40	3560.010001	0.000281	3689.999997	-0.000813
50	3560.010004	0.001125	3690.000003	0.000813
60	3560.010002	0.000563	3690.000001	0.000271

2CC-contiguous, Channel Bandwidth: 20 MHz + 40 MHz, Ant.0

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz) + CH 639334 (3590.01 MHz)		CH 643334 (3650.01 MHz) + CH 645334 (3680.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010001	0.000281	3680.010003	0.000812
48	3560.009998	-0.000562	3680.010004	0.001083
40	3560.009999	-0.000281	3680.009997	-0.000812

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz) + CH 639334 (3590.01 MHz)		CH 643334 (3650.01 MHz) + CH 645334 (3680.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009997	-0.000843	3680.009997	-0.000812
-30	3560.009999	-0.000281	3680.010003	0.000812
-20	3560.009998	-0.000562	3680.010001	0.000271
-10	3560.009997	-0.000843	3680.010005	0.001353
0	3560.010003	0.000843	3680.009995	-0.001353
10	3560.009997	-0.000843	3680.009996	-0.001083
20	3560.010002	0.000562	3680.010004	0.001083
30	3560.010001	0.000281	3680.009998	-0.000541
40	3560.010004	0.001124	3680.009997	-0.000812
50	3560.010002	0.000562	3680.009998	-0.000541
60	3560.010002	0.000562	3680.009996	-0.001083

2CC-contiguous, Channel Bandwidth: 20 MHz + 40 MHz, Ant.1

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz) + CH 639334 (3590.01 MHz)		CH 643334 (3650.01 MHz) + CH 645334 (3680.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010004	0.001124	3680.009997	-0.000812
48	3560.009999	-0.000281	3680.009999	-0.000271
40	3560.010002	0.000562	3680.010005	0.001353

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz) + CH 639334 (3590.01 MHz)		CH 643334 (3650.01 MHz) + CH 645334 (3680.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.010001	0.000281	3680.009996	-0.001083
-30	3560.009998	-0.000562	3680.009996	-0.001083
-20	3560.010001	0.000281	3680.010002	0.000541
-10	3560.009995	-0.001404	3680.010002	0.000541
0	3560.010002	0.000562	3680.009998	-0.000541
10	3560.010001	0.000281	3680.010003	0.000812
20	3560.010005	0.001404	3680.009999	-0.000271
30	3560.010002	0.000562	3680.009997	-0.000812
40	3560.009999	-0.000281	3680.009997	-0.000812
50	3560.009995	-0.001404	3680.010003	0.000812
60	3560.010001	0.000281	3680.010001	0.000271

2CC-contiguous, Channel Bandwidth: 20 MHz + 40 MHz, Ant.2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz) + CH 639334 (3590.01 MHz)		CH 643334 (3650.01 MHz) + CH 645334 (3680.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010001	0.000281	3680.009996	-0.001083
48	3560.009996	-0.001124	3680.009996	-0.001083
40	3560.009997	-0.000843	3680.009997	-0.000812

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz) + CH 639334 (3590.01 MHz)		CH 643334 (3650.01 MHz) + CH 645334 (3680.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.010004	0.001124	3680.010001	0.000271
-30	3560.010001	0.000281	3680.009996	-0.001083
-20	3560.010002	0.000562	3680.009999	-0.000271
-10	3560.009998	-0.000562	3680.009999	-0.000271
0	3560.010005	0.001404	3680.010001	0.000271
10	3560.009999	-0.000281	3680.010003	0.000812
20	3560.009997	-0.000843	3680.010003	0.000812
30	3560.010003	0.000843	3680.009999	-0.000271
40	3560.010002	0.000562	3680.010001	0.000271
50	3560.010001	0.000281	3680.010001	0.000271
60	3560.010002	0.000562	3680.009997	-0.000812

2CC-contiguous, Channel Bandwidth: 20 MHz + 40 MHz, Ant.3

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz) + CH 639334 (3590.01 MHz)		CH 643334 (3650.01 MHz) + CH 645334 (3680.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010004	0.001124	3680.009999	-0.000271
48	3560.009996	-0.001124	3680.010003	0.000812
40	3560.009999	-0.000281	3680.010004	0.001083

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz) + CH 639334 (3590.01 MHz)		CH 643334 (3650.01 MHz) + CH 645334 (3680.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009995	-0.001404	3680.010001	0.000271
-30	3560.010003	0.000843	3680.009999	-0.000271
-20	3560.010003	0.000843	3680.010001	0.000271
-10	3560.009999	-0.000281	3680.010003	0.000812
0	3560.010002	0.000562	3680.009998	-0.000541
10	3560.010005	0.001404	3680.010001	0.000271
20	3560.009997	-0.000843	3680.010004	0.001083
30	3560.010001	0.000281	3680.010004	0.001083
40	3560.010004	0.001124	3680.009996	-0.001083
50	3560.010001	0.000281	3680.010001	0.000271
60	3560.010004	0.001124	3680.009995	-0.001353

2CC-Non-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.0

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.009995	-0.001406	3690.000004	0.001084
48	3560.010002	0.000563	3690.000001	0.000271
40	3560.010005	0.001406	3690.000005	0.001355

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009999	-0.000281	3690.000002	0.000542
-30	3560.010001	0.000281	3689.999996	-0.001084
-20	3560.009998	-0.000563	3690.000005	0.001355
-10	3560.010003	0.000844	3689.999998	-0.000542
0	3560.009996	-0.001125	3690.000003	0.000813
10	3560.009998	-0.000563	3690.000004	0.001084
20	3560.009996	-0.001125	3690.000002	0.000542
30	3560.010003	0.000844	3690.000005	0.001355
40	3560.010005	0.001406	3690.000003	0.000813
50	3560.010003	0.000844	3690.000004	0.001084
60	3560.009995	-0.001406	3689.999995	-0.001355

2CC-Non-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.1

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.009997	-0.000844	3690.000005	0.001355
48	3560.010004	0.001125	3689.999999	-0.000271
40	3560.009995	-0.001406	3689.999997	-0.000813

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.010001	0.000281	3690.000001	0.000271
-30	3560.009996	-0.001125	3690.000001	0.000271
-20	3560.010001	0.000281	3689.999999	-0.000271
-10	3560.009996	-0.001125	3690.000005	0.001355
0	3560.010002	0.000563	3689.999996	-0.001084
10	3560.010002	0.000563	3689.999999	-0.000271
20	3560.009995	-0.001406	3689.999996	-0.001084
30	3560.010005	0.001406	3689.999997	-0.000813
40	3560.010002	0.000563	3690.000001	0.000271
50	3560.010001	0.000281	3690.000003	0.000813
60	3560.009995	-0.001406	3689.999996	-0.001084

2CC-Non-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010004	0.001125	3690.000002	0.000542
48	3560.010002	0.000563	3690.000003	0.000813
40	3560.010005	0.001406	3689.999995	-0.001355

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.010002	0.000563	3690.000005	0.001355
-30	3560.010005	0.001406	3690.000004	0.001084
-20	3560.009996	-0.001125	3690.000002	0.000542
-10	3560.010001	0.000281	3689.999996	-0.001084
0	3560.009999	-0.000281	3690.000004	0.001084
10	3560.010002	0.000563	3689.999997	-0.000813
20	3560.010001	0.000281	3689.999997	-0.000813
30	3560.009999	-0.000281	3689.999998	-0.000542
40	3560.010003	0.000844	3689.999995	-0.001355
50	3560.010001	0.000281	3689.999996	-0.001084
60	3560.009996	-0.001125	3690.000005	0.001355

2CC-Non-contiguous, Channel Bandwidth: 20 MHz + 20 MHz, Ant.3

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
57	3560.010001	0.000281	3690.000002	0.000542
48	3560.009999	-0.000281	3690.000001	0.000271
40	3560.009999	-0.000281	3689.999998	-0.000542

Note: The applicant defined the normal working voltage is from 40 to 57 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 637334 (3560.01 MHz)		CH 646000 (3690 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3560.009999	-0.000281	3689.999995	-0.001355
-30	3560.010003	0.000844	3689.999998	-0.000542
-20	3560.010005	0.001406	3690.000001	0.000271
-10	3560.010001	0.000281	3689.999996	-0.001084
0	3560.009999	-0.000281	3690.000003	0.000813
10	3560.010005	0.001406	3690.000002	0.000542
20	3560.010005	0.001406	3689.999998	-0.000542
30	3560.009995	-0.001406	3690.000001	0.000271
40	3560.009999	-0.000281	3689.999999	-0.000271
50	3560.010003	0.000844	3689.999998	-0.000542
60	3560.010001	0.000281	3690.000000	0.000000

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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