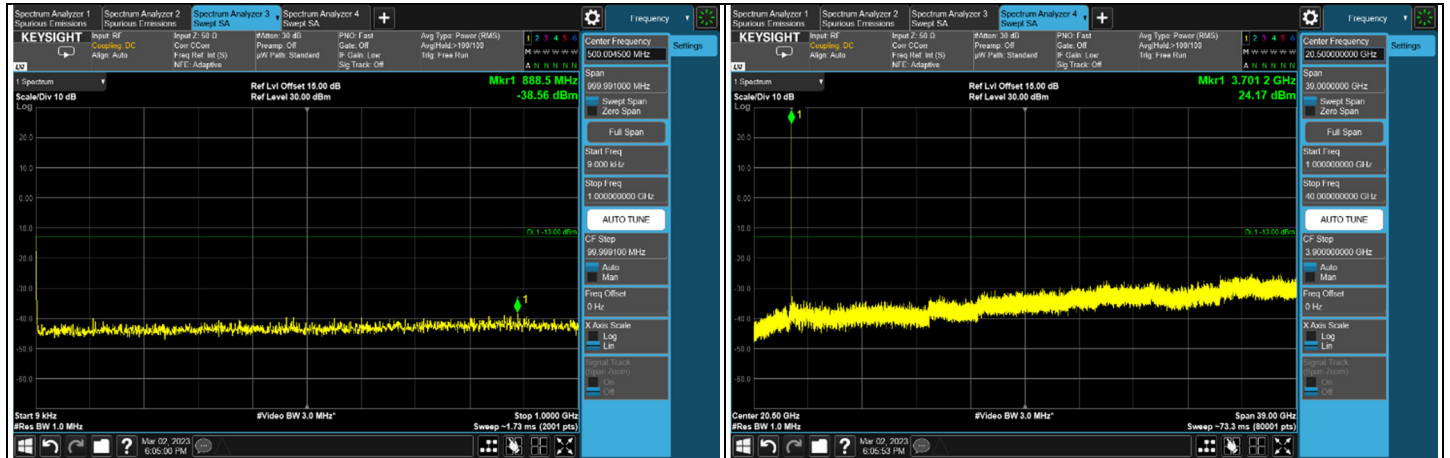
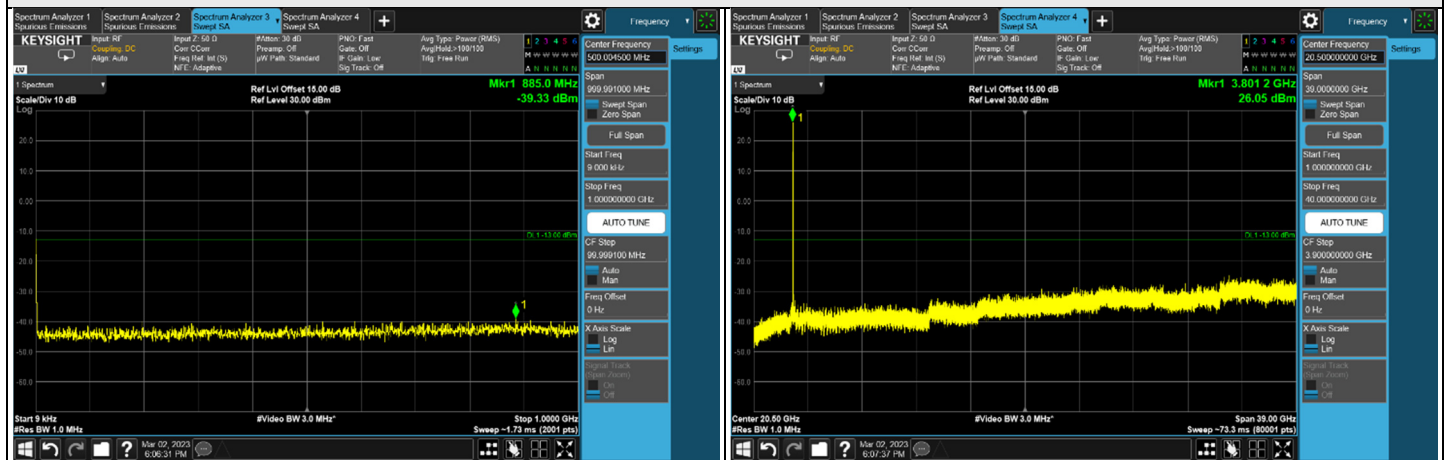


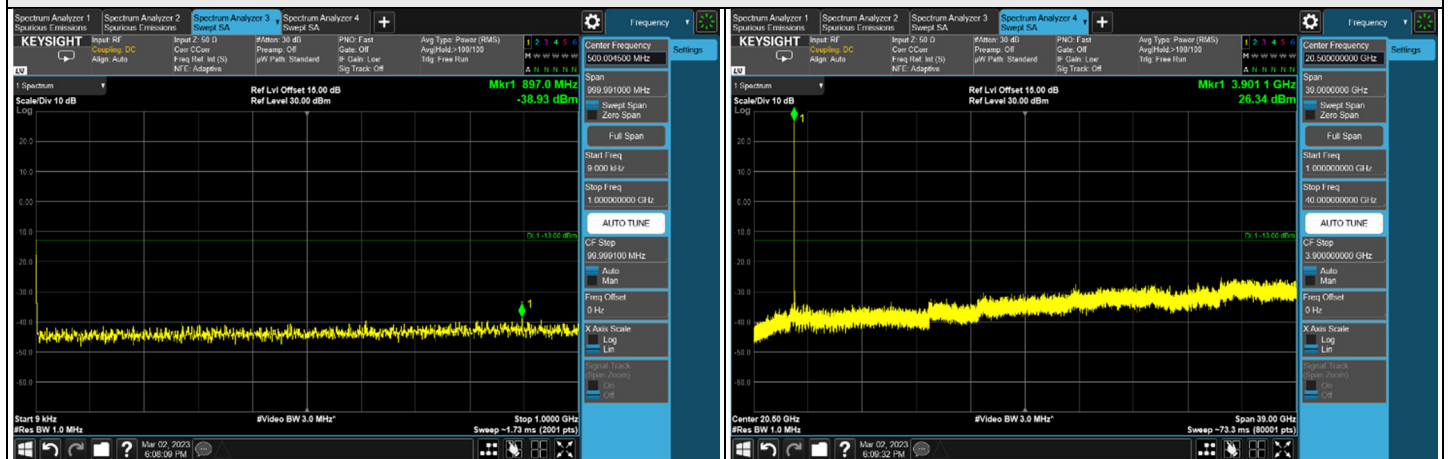
NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 80 MHz



CH 649334 (3740.01 MHz)

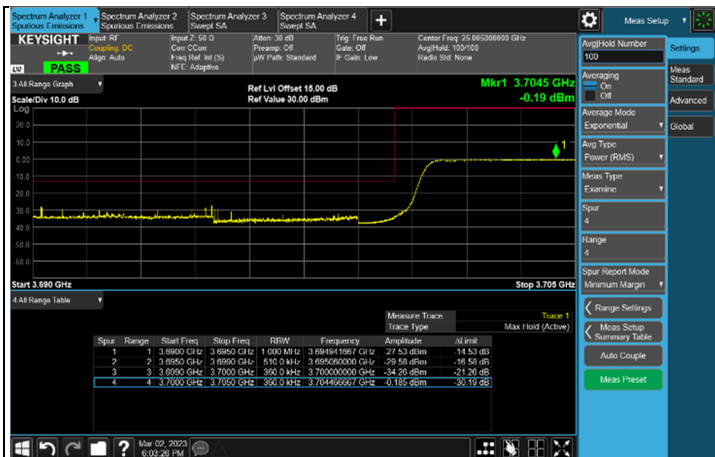


CH 656000 (3840.00 MHz)

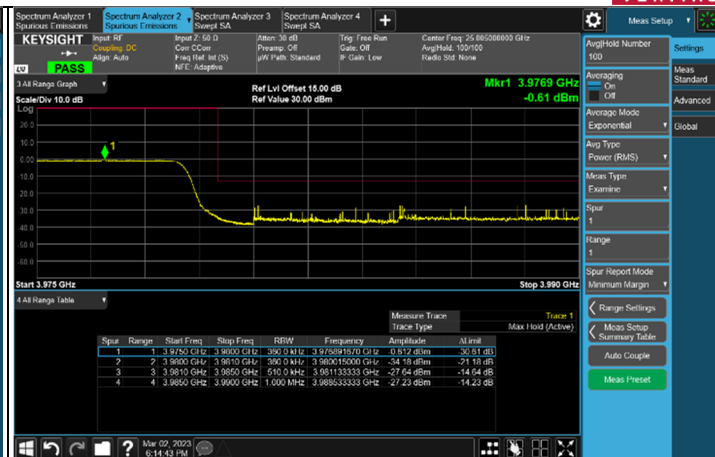


CH 662666 (3939.99 MHz)

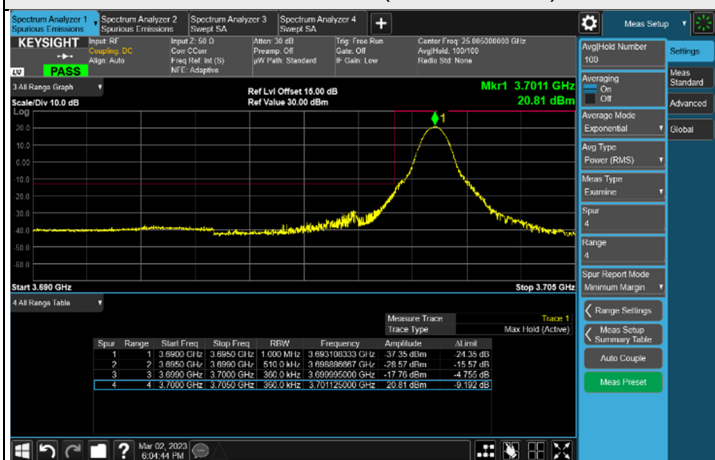
*The 9kHz signal over the limit is from Spectrum.



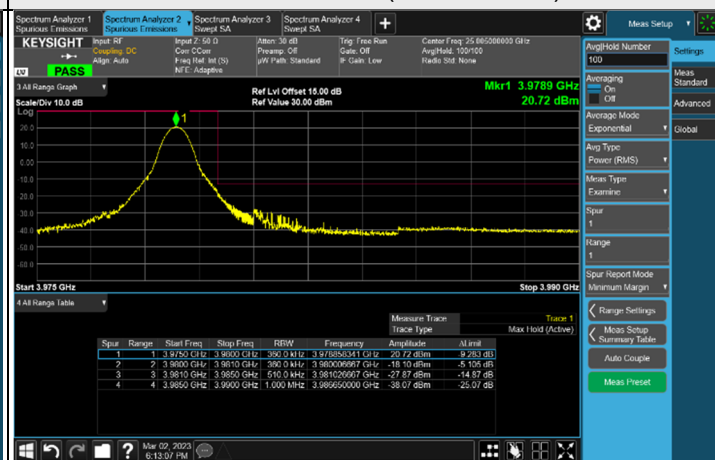
FULL CH 649334 (3740.01 MHz)



FULL CH 662666 (3939.99 MHz)

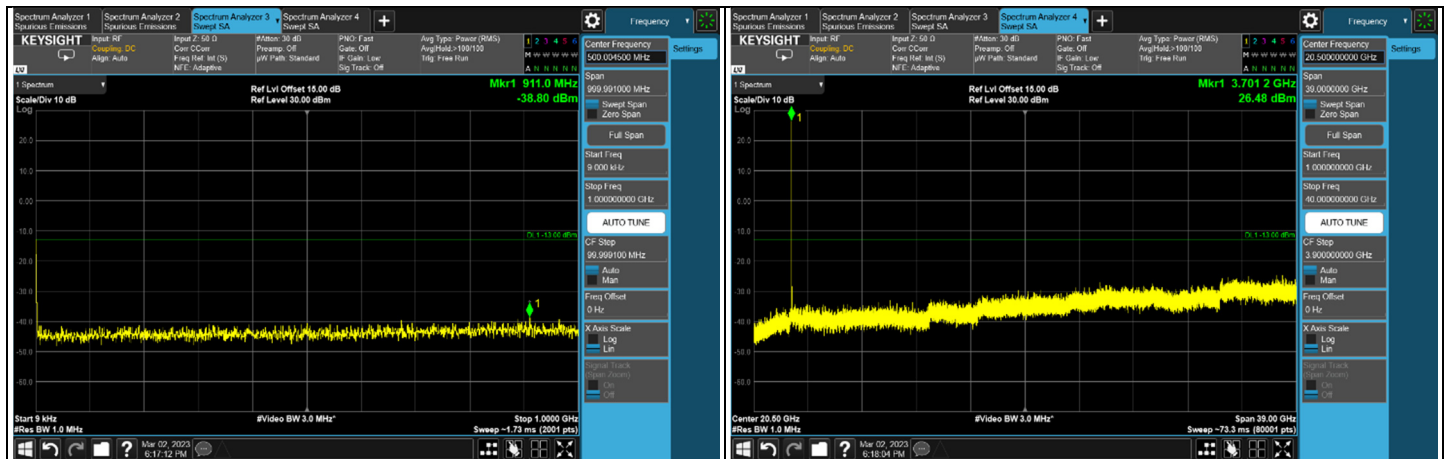


1RB CH 649334 (3740.01 MHz)

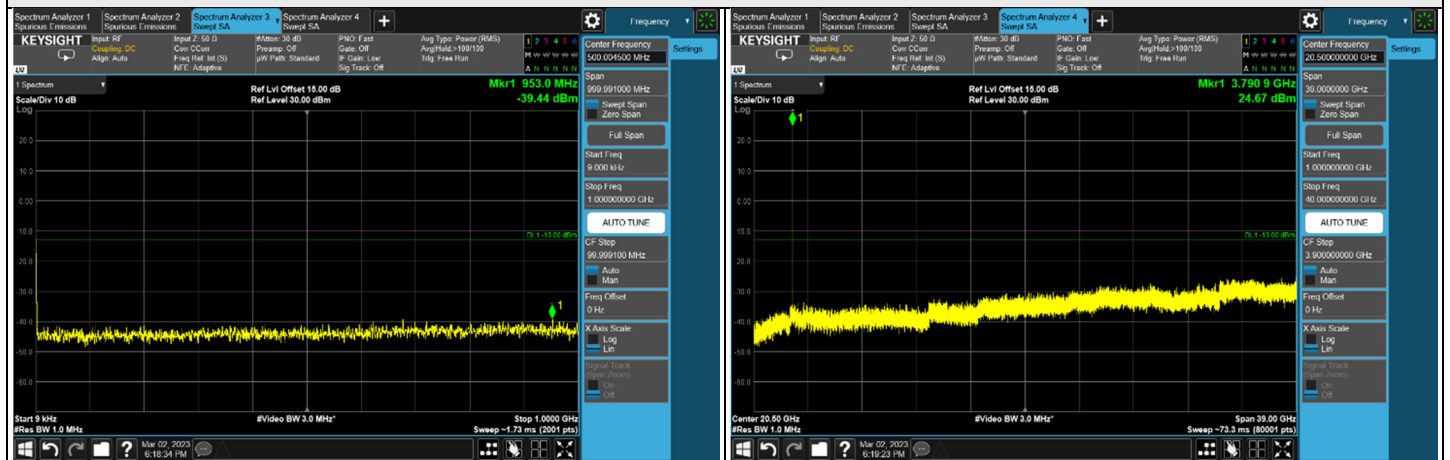


1RB CH 662666 (3939.99 MHz)

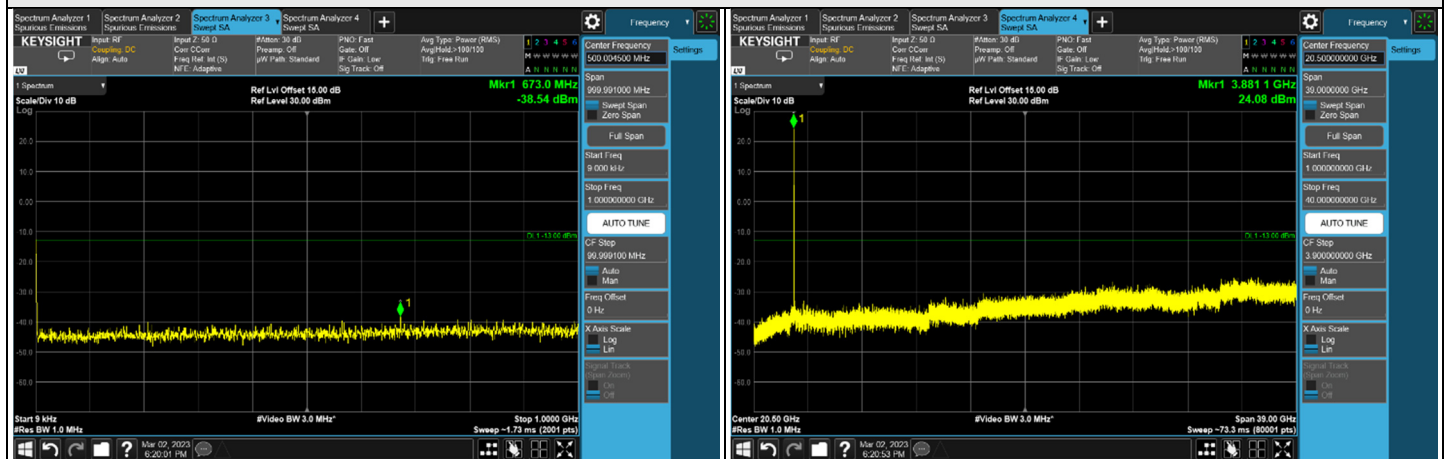
NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 100 MHz



CH 65000 (3750.00 MHz)

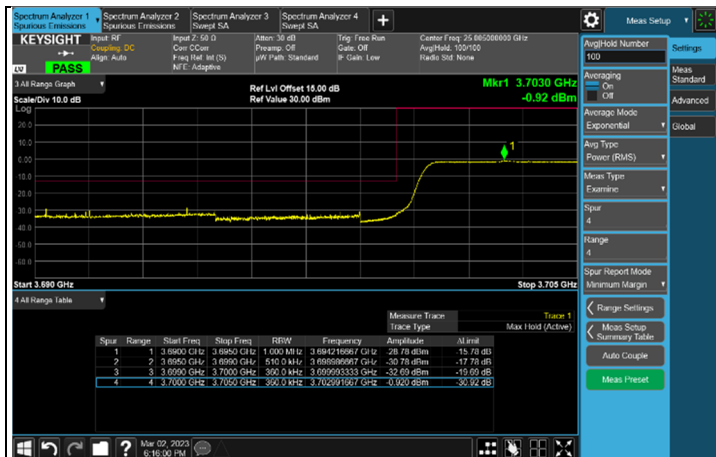


CH 65600 (3840.00 MHz)

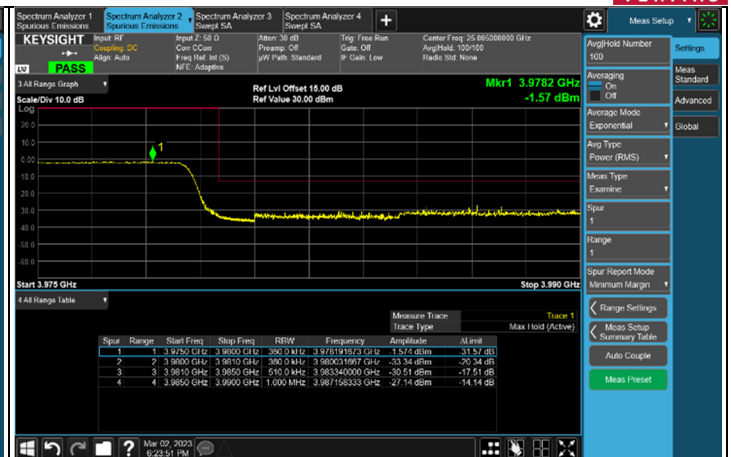


CH 66200 (3930.00 MHz)

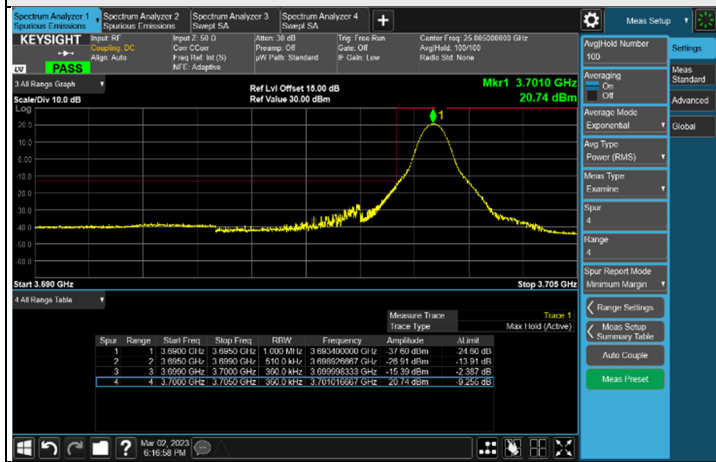
*The 9kHz signal over the limit is from Spectrum.



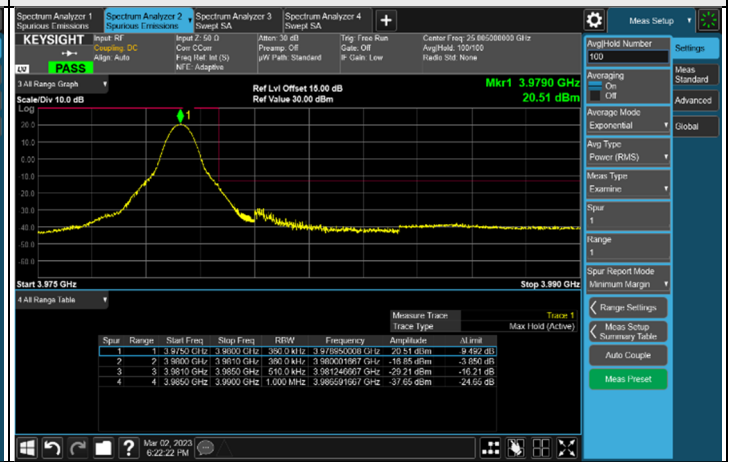
FULL CH 650000 (3750.00 MHz)



FULL CH 662000 (3930.00 MHz)



1RB CH 650000 (3750.00 MHz)



1RB CH 662000 (3930.00 MHz)

7.6 Radiated Spurious Emissions below 1GHz

7.6.1 NR n2 SCS 15 kHz

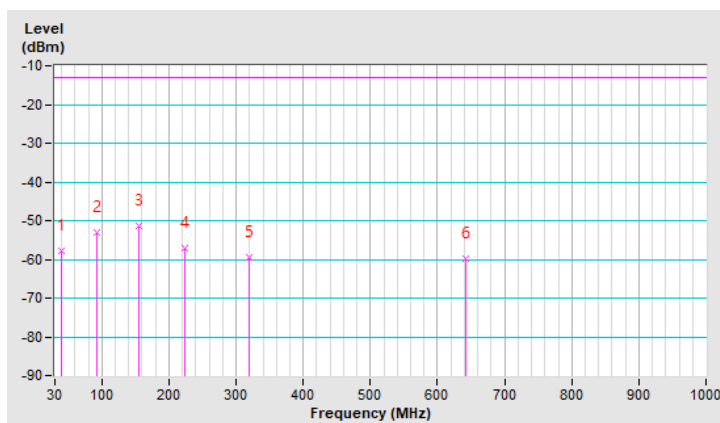
RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 380000 : 1900 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.67	-57.72	-13.00	-44.72	1.50 H	48	51.08	-108.80
2	92.08	-53.05	-13.00	-40.05	1.00 H	184	60.95	-114.00
3	155.13	-51.52	-13.00	-38.52	1.00 H	225	56.70	-108.22
4	224.00	-57.01	-13.00	-44.01	2.00 H	312	54.79	-111.80
5	320.03	-59.34	-13.00	-46.34	1.50 H	81	47.93	-107.27
6	642.07	-59.89	-13.00	-46.89	1.00 H	21	40.00	-99.89

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 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.

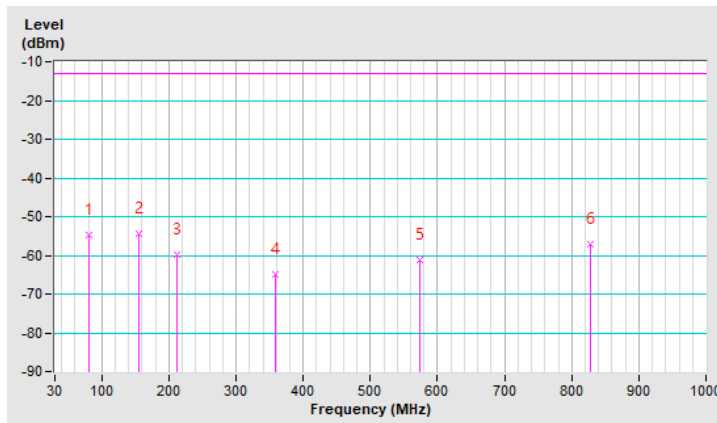


RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 380000 : 1900 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

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	81.41	-54.76	-13.00	-41.76	2.00 V	326	58.99	-113.75
2	155.13	-54.45	-13.00	-41.45	2.00 V	248	53.77	-108.22
3	212.36	-59.92	-13.00	-46.92	1.00 V	244	52.08	-112.00
4	357.86	-64.96	-13.00	-51.96	1.50 V	2	41.65	-106.61
5	574.17	-61.32	-13.00	-48.32	1.00 V	118	40.15	-101.47
6	828.31	-57.10	-13.00	-44.10	1.00 V	2	40.13	-97.23

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 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.



7.6.2 NR n5 SCS 15 kHz

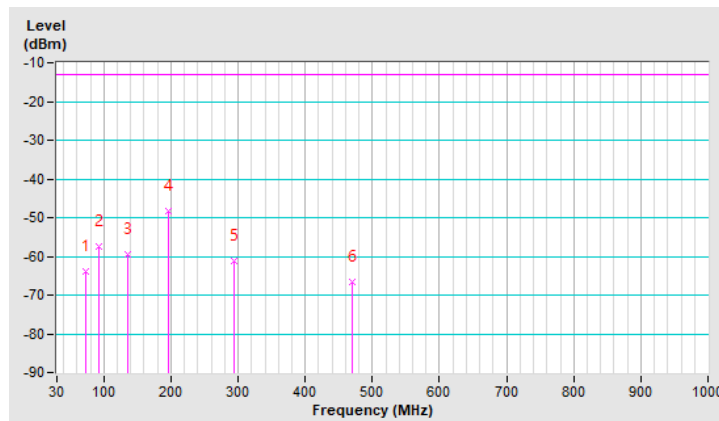
RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	73.65	-63.96	-13.00	-50.96	2.00 H	293	50.06	-114.02
2	92.08	-57.49	-13.00	-44.49	1.00 H	11	58.66	-116.15
3	135.73	-59.44	-13.00	-46.44	1.00 H	255	51.81	-111.25
4	196.84	-48.40	-13.00	-35.40	1.50 H	243	65.56	-113.96
5	293.84	-61.19	-13.00	-48.19	1.50 H	309	48.95	-110.14
6	469.41	-66.63	-13.00	-53.63	1.00 H	179	39.10	-105.73

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP 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.

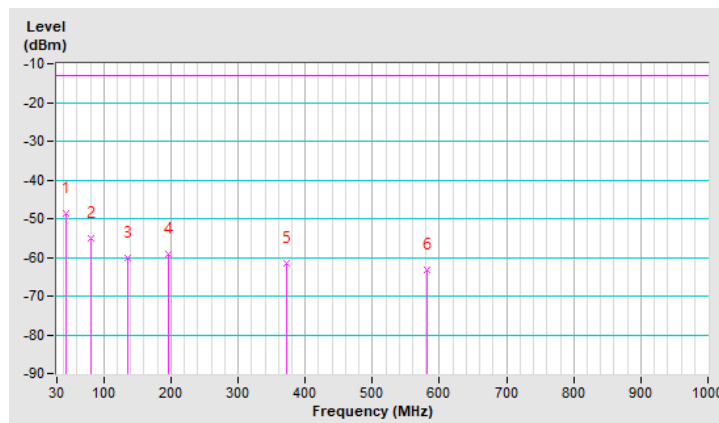


RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	44.55	-48.63	-13.00	-35.63	2.00 V	72	62.06	-110.69
2	81.41	-55.20	-13.00	-42.20	1.00 V	18	60.70	-115.90
3	134.76	-60.12	-13.00	-47.12	1.50 V	225	51.20	-111.32
4	195.87	-59.32	-13.00	-46.32	1.00 V	220	54.56	-113.88
5	371.44	-61.48	-13.00	-48.48	2.00 V	31	46.72	-108.20
6	580.96	-63.18	-13.00	-50.18	1.00 V	166	40.22	-103.40

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP 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.



7.6.3 NR n25 SCS 15 kHz

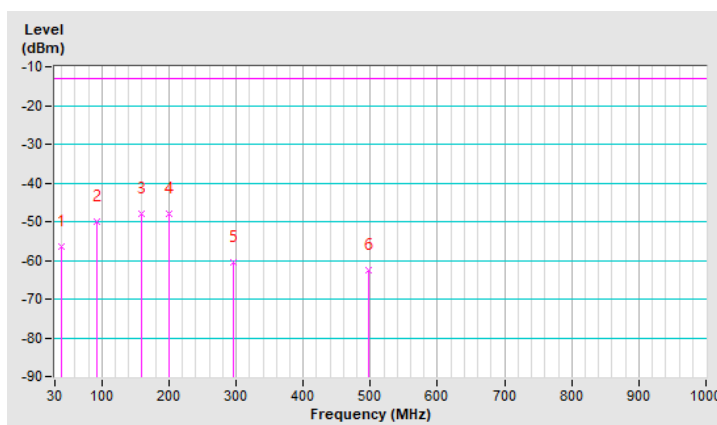
RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 382500 : 1912.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.70	-56.31	-13.00	-43.31	1.00 H	147	52.63	-108.94
2	92.08	-50.06	-13.00	-37.06	1.50 H	177	63.94	-114.00
3	159.98	-48.07	-13.00	-35.07	1.00 H	235	60.24	-108.31
4	199.75	-48.09	-13.00	-35.09	1.50 H	202	63.86	-111.95
5	296.75	-60.61	-13.00	-47.61	2.00 H	147	47.33	-107.94
6	496.57	-62.54	-13.00	-49.54	1.50 H	18	40.66	-103.20

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 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.



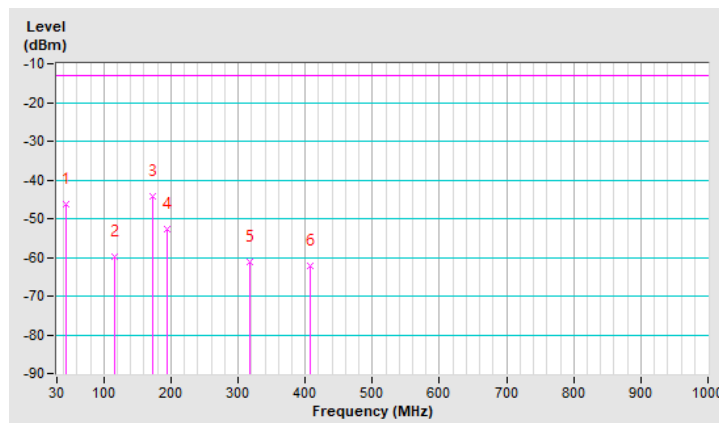
RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 382500 : 1912.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

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	43.58	-46.27	-13.00	-33.27	1.00 V	2	62.33	-108.60
2	116.33	-59.69	-13.00	-46.69	1.50 V	249	51.16	-110.85
3	173.56	-44.37	-13.00	-31.37	1.50 V	83	64.64	-109.01
4	194.90	-52.79	-13.00	-39.79	2.00 V	182	58.83	-111.62
5	317.12	-61.23	-13.00	-48.23	1.50 V	50	46.10	-107.33
6	408.30	-62.05	-13.00	-49.05	1.00 V	16	43.13	-105.18

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 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.



7.6.4 NR n30 SCS 15 kHz

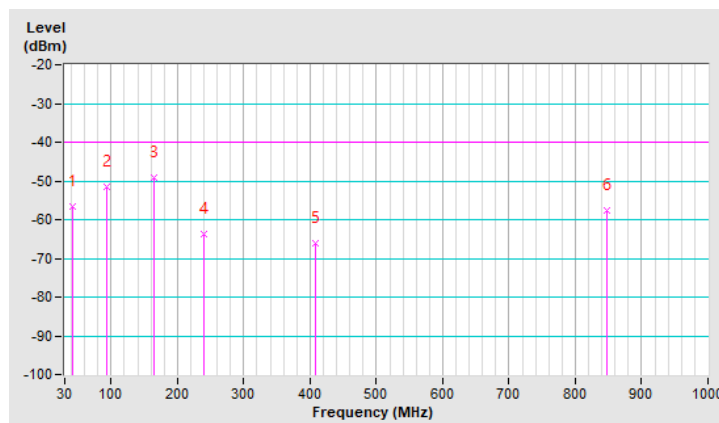
RF Mode	NR n30 Channel Bandwidth: 10MHz	Channel	CH 462000 : 2310 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	41.64	-56.45	-40.00	-16.45	1.00 H	6	52.20	-108.65
2	93.05	-51.39	-40.00	-11.39	1.50 H	4	62.54	-113.93
3	164.83	-49.08	-40.00	-9.08	1.50 H	2	59.40	-108.48
4	240.49	-63.81	-40.00	-23.81	2.00 H	6	46.07	-109.88
5	408.30	-66.00	-40.00	-26.00	1.50 H	250	39.18	-105.18
6	847.71	-57.58	-40.00	-17.58	1.50 H	288	39.32	-96.90

Remarks:

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

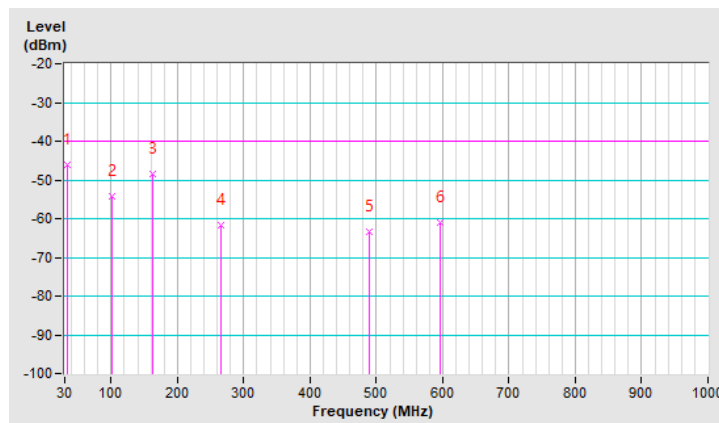


RF Mode	NR n30 Channel Bandwidth: 10MHz	Channel	CH 462000 : 2310 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

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	34.85	-46.06	-40.00	-6.06	1.00 V	172	63.45	-109.51
2	101.78	-54.29	-40.00	-14.29	1.50 V	134	58.27	-112.56
3	161.92	-48.41	-40.00	-8.41	2.00 V	83	59.88	-108.29
4	264.74	-61.63	-40.00	-21.63	1.50 V	17	47.48	-109.11
5	488.81	-63.48	-40.00	-23.48	2.00 V	2	39.83	-103.31
6	596.48	-61.10	-40.00	-21.10	1.50 V	311	39.60	-100.70

Remarks:

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



7.6.5 NR n41 SCS 30 kHz

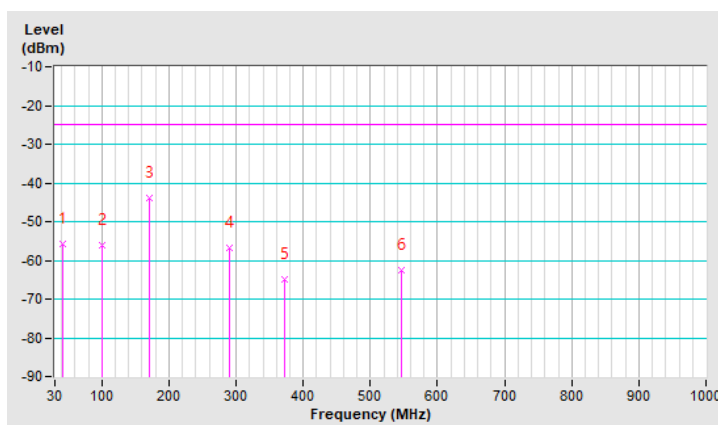
RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 509202 : 2546.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	41.64	-55.89	-25.00	-30.89	1.99 H	291	52.76	-108.65
2	100.81	-56.20	-25.00	-31.20	1.99 H	5	56.47	-112.67
3	171.62	-43.75	-25.00	-18.75	1.00 H	264	65.05	-108.80
4	290.93	-56.90	-25.00	-31.90	1.00 H	132	51.15	-108.05
5	371.44	-64.90	-25.00	-39.90	1.00 H	51	41.15	-106.05
6	546.04	-62.57	-25.00	-37.57	1.50 H	19	39.68	-102.25

Remarks:

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

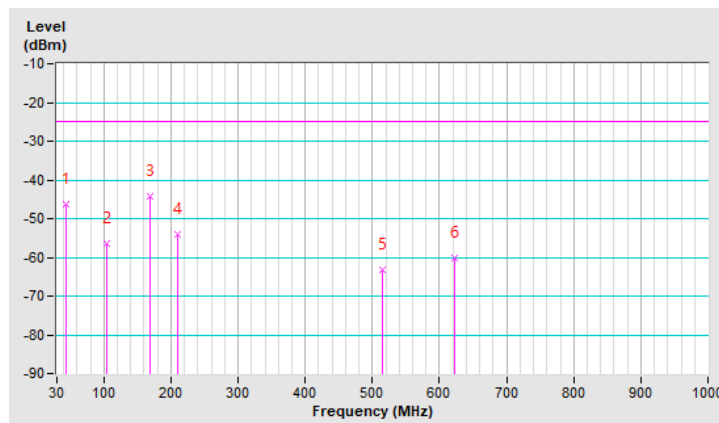


RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 509202 : 2546.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

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	44.55	-46.12	-25.00	-21.12	1.50 V	111	62.42	-108.54
2	104.69	-56.53	-25.00	-31.53	1.01 V	156	55.52	-112.05
3	168.71	-44.08	-25.00	-19.08	1.50 V	107	64.54	-108.62
4	209.45	-54.01	-25.00	-29.01	1.01 V	177	58.00	-112.01
5	514.03	-63.13	-25.00	-38.13	2.00 V	356	39.62	-102.75
6	621.70	-60.12	-25.00	-35.12	1.01 V	18	40.23	-100.35

Remarks:

- EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
- Margin value = EIRP – Limit value
- The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 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.



7.6.6 NR n66 SCS 15 kHz

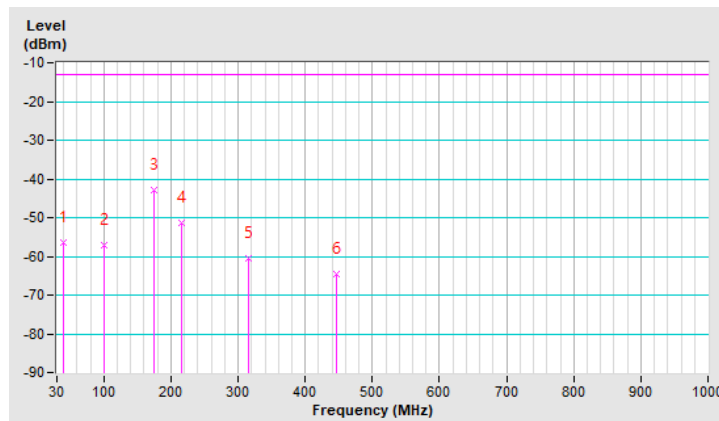
RF Mode	NR n66 Channel Bandwidth: 30MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.67	-56.39	-13.00	-43.39	1.49 H	327	52.41	-108.80
2	100.81	-57.23	-13.00	-44.23	1.00 H	192	55.44	-112.67
3	174.53	-42.91	-13.00	-29.91	2.00 H	242	66.20	-109.11
4	215.27	-51.41	-13.00	-38.41	1.00 H	282	60.56	-111.97
5	316.15	-60.55	-13.00	-47.55	2.00 H	149	46.80	-107.35
6	446.13	-64.65	-13.00	-51.65	1.49 H	152	39.30	-103.95

Remarks:

- EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
- Margin value = EIRP – Limit value
- The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- 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.



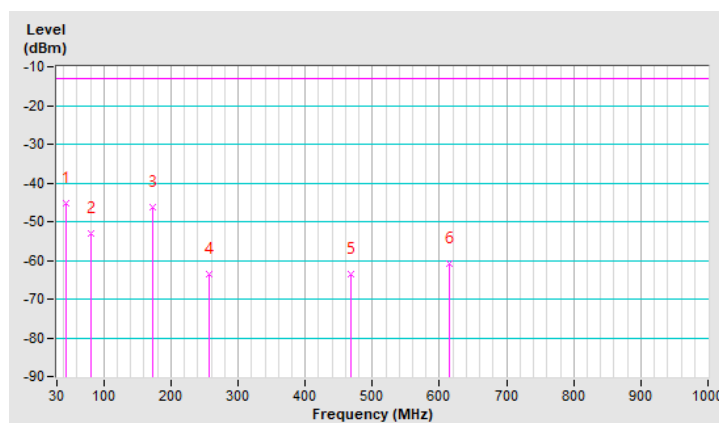
RF Mode	NR n66 Channel Bandwidth: 30MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

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	43.58	-45.40	-13.00	-32.40	1.50 V	2	63.20	-108.60
2	81.41	-53.14	-13.00	-40.14	1.00 V	303	60.61	-113.75
3	173.56	-46.23	-13.00	-33.23	2.00 V	2	62.78	-109.01
4	256.01	-63.64	-13.00	-50.64	1.00 V	20	45.85	-109.49
5	467.47	-63.67	-13.00	-50.67	2.00 V	17	39.94	-103.61
6	614.91	-60.80	-13.00	-47.80	1.00 V	240	39.56	-100.36

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 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.



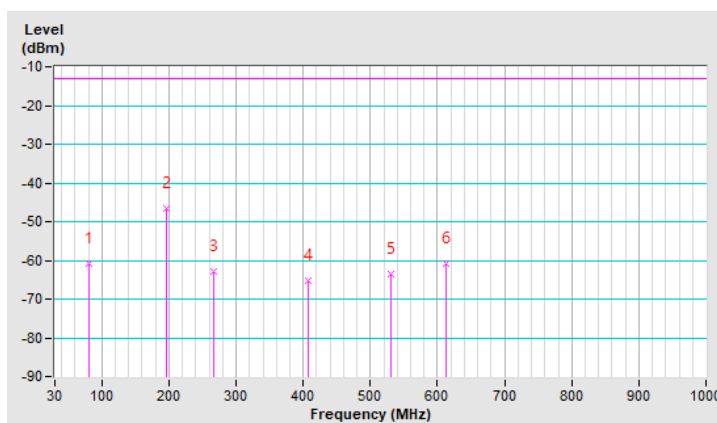
7.6.7 NR n71 SCS 15 kHz

RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 133100 : 665.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	81.41	-60.74	-13.00	-47.74	2.00 H	246	55.16	-115.90
2	195.87	-46.65	-13.00	-33.65	1.00 H	212	67.23	-113.88
3	266.68	-63.00	-13.00	-50.00	1.50 H	212	48.15	-111.15
4	408.30	-65.14	-13.00	-52.14	1.00 H	165	42.19	-107.33
5	530.52	-63.55	-13.00	-50.55	1.50 H	215	41.08	-104.63
6	612.97	-60.81	-13.00	-47.81	1.00 H	42	41.71	-102.52

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP 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.

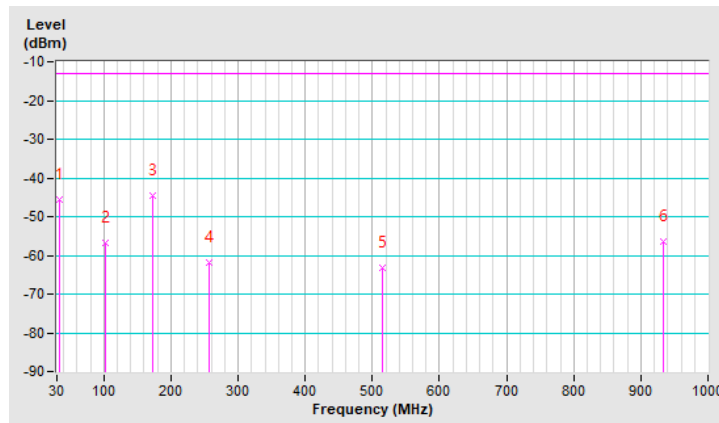


RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 133100 : 665.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	34.85	-45.54	-13.00	-32.54	2.00 V	178	66.12	-111.66
2	101.78	-56.70	-13.00	-43.70	1.00 V	171	58.01	-114.71
3	173.56	-44.67	-13.00	-31.67	1.50 V	178	66.49	-111.16
4	256.01	-62.02	-13.00	-49.02	2.00 V	211	49.62	-111.64
5	515.00	-63.20	-13.00	-50.20	1.00 V	343	41.68	-104.88
6	933.07	-56.45	-13.00	-43.45	1.00 V	39	41.51	-97.96

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP 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.



7.6.8 NR n77 (3450-3550 MHz) SCS 30 kHz

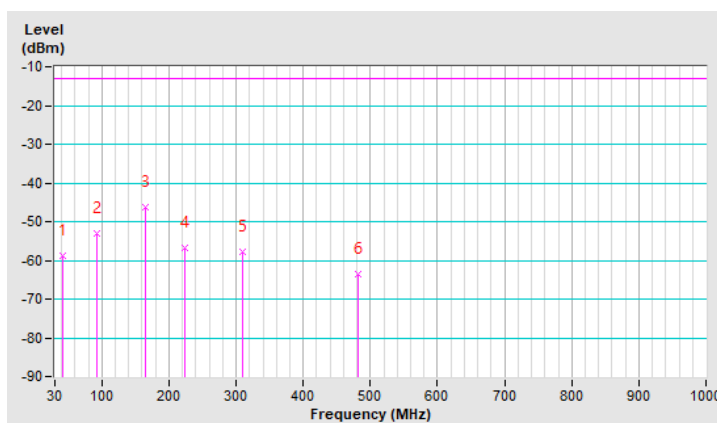
RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	41.64	-58.83	-13.00	-45.83	2.00 H	5	49.82	-108.65
2	92.08	-53.20	-13.00	-40.20	1.00 H	164	60.80	-114.00
3	164.83	-46.26	-13.00	-33.26	2.00 H	211	62.22	-108.48
4	224.00	-56.94	-13.00	-43.94	1.00 H	195	54.86	-111.80
5	310.33	-57.71	-13.00	-44.71	1.50 H	78	49.84	-107.55
6	481.05	-63.64	-13.00	-50.64	1.00 H	281	39.77	-103.41

Remarks:

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



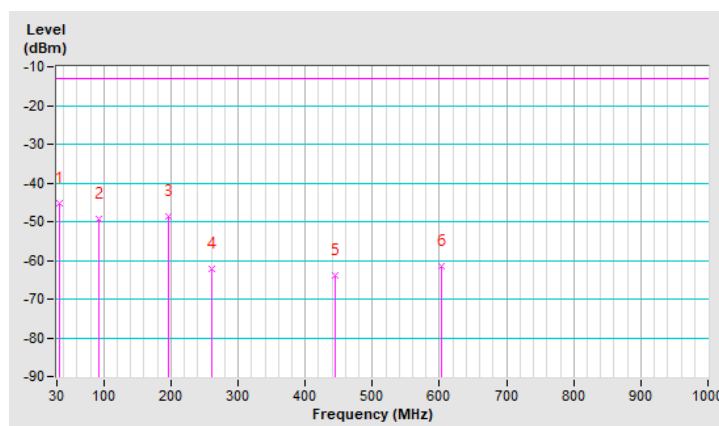
RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

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	34.85	-45.26	-13.00	-32.26	1.50 V	199	64.25	-109.51
2	93.05	-49.33	-13.00	-36.33	1.00 V	140	64.60	-113.93
3	196.84	-48.59	-13.00	-35.59	1.00 V	118	63.22	-111.81
4	259.89	-62.25	-13.00	-49.25	2.00 V	43	47.08	-109.33
5	445.16	-63.75	-13.00	-50.75	2.00 V	175	40.23	-103.98
6	603.27	-61.52	-13.00	-48.52	1.00 V	316	39.01	-100.53

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 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.



7.6.9 NR n77 (3700-3980 MHz) SCS 30 kHz

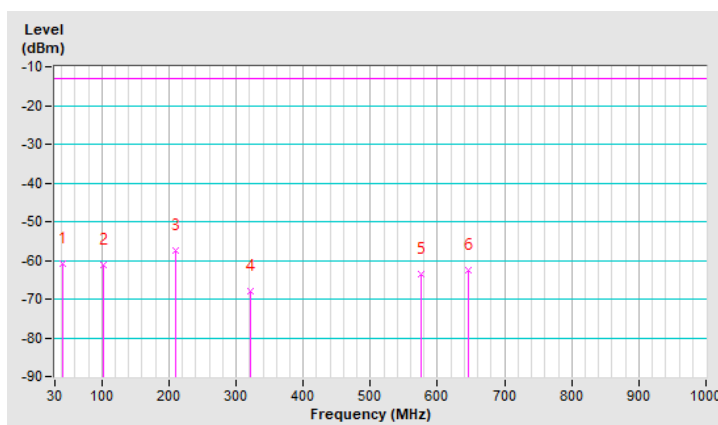
RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	41.64	-61.01	-13.00	-48.01	2.00 H	221	47.64	-108.65
2	101.78	-61.17	-13.00	-48.17	1.00 H	3	51.39	-112.56
3	209.45	-57.50	-13.00	-44.50	1.00 H	2	54.51	-112.01
4	321.97	-67.90	-13.00	-54.90	1.50 H	288	39.29	-107.19
5	576.11	-63.56	-13.00	-50.56	1.00 H	2	37.86	-101.42
6	645.95	-62.62	-13.00	-49.62	2.00 H	212	37.22	-99.84

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 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.

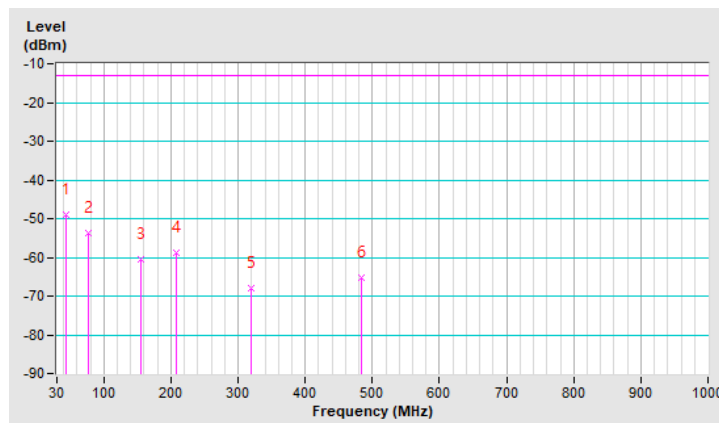


RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Edison Lee		

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	44.55	-48.82	-13.00	-35.82	1.00 V	50	59.72	-108.54
2	76.56	-53.74	-13.00	-40.74	2.00 V	14	58.89	-112.63
3	155.13	-60.65	-13.00	-47.65	1.50 V	248	47.57	-108.22
4	207.51	-58.85	-13.00	-45.85	1.50 V	1	53.17	-112.02
5	320.03	-68.07	-13.00	-55.07	1.00 V	292	39.20	-107.27
6	482.99	-65.26	-13.00	-52.26	2.00 V	270	38.13	-103.39

Remarks:

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

7.7.1 NR n2 SCS 15 kHz

RF Mode	NR n2 Channel Bandwidth: 5MHz	Channel	CH 370500 : 1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	-49.08	-13.00	-36.08	1.33 H	194	46.45	-95.53

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	3705.00	-47.72	-13.00	-34.72	1.61 V	331	47.81	-95.53

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.



RF Mode	NR n2 Channel Bandwidth: 5MHz	Channel	CH 376000 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-48.38	-13.00	-35.38	1.40 H	195	46.72	-95.10
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	3760.00	-47.55	-13.00	-34.55	1.64 V	334	47.55	-95.10

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 n2 Channel Bandwidth: 5MHz	Channel	CH 381500 : 1907.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3815.00	-48.43	-13.00	-35.43	1.31 H	202	46.34	-94.77
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	3815.00	-47.08	-13.00	-34.08	1.62 V	333	47.69	-94.77

Remarks:

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

RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 372000 : 1860 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-48.97	-13.00	-35.97	1.36 H	195	46.45	-95.42
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	3720.00	-47.73	-13.00	-34.73	1.59 V	332	47.69	-95.42

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 n2 Channel Bandwidth: 20MHz	Channel	CH 376000 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-48.53	-13.00	-35.53	1.43 H	200	46.57	-95.10
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	3760.00	-47.32	-13.00	-34.32	1.68 V	334	47.78	-95.10

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 n2 Channel Bandwidth: 20MHz	Channel	CH 380000 : 1900 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3800.00	-48.25	-13.00	-35.25	1.43 H	197	46.53	-94.78
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	3800.00	-46.87	-13.00	-33.87	1.65 V	330	47.91	-94.78

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.

7.7.2 NR n5 SCS 15 kHz

RF Mode	NR n5 Channel Bandwidth: 5MHz	Channel	CH 165300 : 826.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1653.00	-58.30	-13.00	-45.30	1.41 H	262	45.35	-103.65

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1653.00	-56.44	-13.00	-43.44	1.65 V	331	47.21	-103.65

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



RF Mode	NR n5 Channel Bandwidth: 5MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-58.44	-13.00	-45.44	1.43 H	259	45.18	-103.62
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-56.19	-13.00	-43.19	1.67 V	336	47.43	-103.62

Remarks:

1. ERP(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 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.



RF Mode	NR n5 Channel Bandwidth: 5MHz	Channel	CH 169300 : 846.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1693.00	-58.27	-13.00	-45.27	1.37 H	256	45.31	-103.58
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1693.00	-56.32	-13.00	-43.32	1.72 V	330	47.26	-103.58

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.



RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 166800 : 839 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.00	-58.29	-13.00	-45.29	1.43 H	259	45.33	-103.62
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.00	-56.21	-13.00	-43.21	1.65 V	332	47.41	-103.62

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-57.94	-13.00	-44.94	1.41 H	258	45.68	-103.62
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-55.90	-13.00	-42.90	1.64 V	333	47.72	-103.62

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.



RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167800 : 826.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1678.00	-58.43	-13.00	-45.43	1.42 H	259	45.17	-103.60
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1678.00	-56.16	-13.00	-43.16	1.68 V	336	47.44	-103.60

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

7.7.3 NR n25 SCS 15 kHz

RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 370500 : 1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	-49.35	-13.00	-36.35	1.43 H	208	46.18	-95.53
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	3705.00	-47.85	-13.00	-34.85	1.71 V	328	47.68	-95.53

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.



RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 376500 : 1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-48.85	-13.00	-35.85	1.40 H	212	46.21	-95.06
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	3765.00	-47.31	-13.00	-34.31	1.72 V	326	47.75	-95.06

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 n25 Channel Bandwidth: 5MHz	Channel	CH 382500 : 1912.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3825.00	-48.83	-13.00	-35.83	1.51 H	211	45.92	-94.75
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	3825.00	-46.96	-13.00	-33.96	1.68 V	328	47.79	-94.75

Remarks:

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

RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 372000 : 1860 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-48.96	-13.00	-35.96	1.50 H	209	46.46	-95.42
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	3720.00	-48.09	-13.00	-35.09	1.69 V	326	47.33	-95.42

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 n25 Channel Bandwidth: 20MHz	Channel	CH 376500 : 1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-48.81	-13.00	-35.81	1.47 H	213	46.25	-95.06
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	3765.00	-47.51	-13.00	-34.51	1.75 V	328	47.55	-95.06

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 n25 Channel Bandwidth: 20MHz	Channel	CH 381000 : 1905 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3810.00	-48.64	-13.00	-35.64	1.47 H	212	46.13	-94.77
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	3810.00	-47.28	-13.00	-34.28	1.77 V	332	47.49	-94.77

Remarks:

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

7.7.4 NR n30 SCS 15 kHz

RF Mode	NR n30 Channel Bandwidth: 20MHz	Channel	CH 462000 : 2310 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4620.00	-48.29	-40.00	-8.29	1.38 H	255	44.87	-93.16

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	4620.00	-45.83	-40.00	-5.83	1.71 V	229	47.33	-93.16

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.

7.7.5 NR n41 SCS 30 kHz

RF Mode	NR n41 Channel Bandwidth: 20MHz	Channel	CH 501204 : 2506.02 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.04	-46.66	-25.00	-21.66	1.56 H	215	45.91	-92.57
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5012.04	-44.82	-25.00	-19.82	1.80 V	303	47.75	-92.57

Remarks:

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



RF Mode	NR n41 Channel Bandwidth: 20MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-46.75	-25.00	-21.75	1.54 H	222	45.75	-92.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-44.87	-25.00	-19.87	1.84 V	299	49.78	-94.65

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 n41 Channel Bandwidth: 20MHz	Channel	CH 535998 : 2679.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5359.98	-46.80	-25.00	-21.80	1.61 H	216	45.75	-92.55

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5359.98	-44.79	-25.00	-19.79	1.79 V	305	47.76	-92.55

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.



RF Mode	NR n41 Channel Bandwidth: 50MHz	Channel	CH 504204 : 2521.02 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5042.04	-46.45	-25.00	-21.45	1.58 H	217	46.03	-92.48
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	5042.04	-44.66	-25.00	-19.66	1.81 V	302	47.82	-92.48

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 n41 Channel Bandwidth: 50MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-46.73	-25.00	-21.73	1.57 H	222	45.77	-92.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-44.95	-25.00	-19.95	1.80 V	301	47.55	-92.50

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 50MHz	Channel	CH 532998 : 2664.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5329.98	-46.59	-25.00	-21.59	1.60 H	216	46.06	-92.65
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	5329.98	-44.82	-25.00	-19.82	1.86 V	303	47.83	-92.65

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 n41 Channel Bandwidth: 100MHz	Channel	CH 509202 : 2546.01 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5092.02	-46.45	-25.00	-21.45	1.55 H	221	45.89	-92.34
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	5092.02	-44.65	-25.00	-19.65	1.87 V	305	47.69	-92.34

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-46.52	-25.00	-21.52	1.56 H	221	45.98	-92.50
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-44.83	-25.00	-19.83	1.86 V	302	47.67	-92.50

Remarks:

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



RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 528000 : 2640 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5280.00	-46.83	-25.00	-21.83	1.58 H	220	45.86	-92.69
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	5280.00	-44.88	-25.00	-19.88	1.81 V	229	47.81	-92.69

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.

7.7.6 NR n66 SCS 15 kHz

RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 342500 : 1712.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3425.00	-50.49	-13.00	-37.49	1.31 H	223	45.97	-96.46

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3425.00	-49.03	-13.00	-36.03	1.87 V	317	47.43	-96.46

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-49.91	-13.00	-36.91	1.35 H	224	46.31	-96.22
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	3490.00	-48.63	-13.00	-35.63	1.86 V	316	47.59	-96.22

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 355500 : 1777.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3555.00	-49.71	-13.00	-36.71	1.30 H	224	46.21	-95.92
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	3555.00	-48.73	-13.00	-35.73	1.80 V	319	47.19	-95.92

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 n66 Channel Bandwidth: 20MHz	Channel	CH 344000 : 1720 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-50.76	-13.00	-37.76	1.39 H	227	45.68	-96.44
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	3440.00	-48.86	-13.00	-35.86	1.88 V	319	47.58	-96.44

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 n66 Channel Bandwidth: 20MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-50.14	-13.00	-37.14	1.35 H	229	46.08	-96.22
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	3490.00	-49.07	-13.00	-36.07	1.79 V	313	47.15	-96.22

Remarks:

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



RF Mode	NR n66 Channel Bandwidth: 20MHz	Channel	CH 354000 : 1770 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3540.00	-49.63	-13.00	-36.63	1.42 H	227	46.35	-95.98

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	3540.00	-48.85	-13.00	-35.85	1.85 V	318	47.13	-95.98

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 n66 Channel Bandwidth: 30MHz	Channel	CH 345000 : 1725 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3450.00	-49.60	-13.00	-36.60	1.44 H	229	46.84	-96.44
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	3450.00	-48.97	-13.00	-35.97	1.76 V	308	47.47	-96.44

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 n66 Channel Bandwidth: 30MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-49.14	-13.00	-36.14	1.44 H	230	47.08	-96.22
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	3490.00	-48.50	-13.00	-35.50	1.79 V	310	47.72	-96.22

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 30MHz	Channel	CH 353000 : 1765 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3530.00	-49.32	-13.00	-36.32	1.45 H	224	46.71	-96.03
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	3530.00	-48.48	-13.00	-35.48	1.79 V	310	47.55	-96.03

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.

7.7.7 NR n71 SCS 15 kHz

RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 133100 : 665.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1996.50	-44.55	-13.00	-31.55	1.32 H	358	57.46	-102.01

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1996.50	-42.04	-13.00	-29.04	1.26 V	245	59.97	-102.01

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2041.50	-44.36	-13.00	-31.36	1.39 H	353	57.55	-101.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2041.50	-42.50	-13.00	-29.50	1.23 V	245	59.41	-101.91

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 139100 : 695.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2086.50	-44.50	-13.00	-31.50	1.35 H	354	57.41	-101.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2086.50	-42.17	-13.00	-29.17	1.22 V	245	59.74	-101.91

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.

RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 134600 : 673 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2019.00	-44.22	-13.00	-31.22	1.41 H	352	57.72	-101.94
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2019.00	-42.16	-13.00	-29.16	1.23 V	238	59.78	-101.94

Remarks:

1. $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.



RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2041.50	-44.20	-13.00	-31.20	1.41 H	359	57.71	-101.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2041.50	-42.28	-13.00	-29.28	1.24 V	241	59.63	-101.91

Remarks:

1. ERP(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 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 137600 : 688 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2064.00	-44.45	-13.00	-31.45	1.35 H	356	57.45	-101.90

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2064.00	-42.18	-13.00	-29.18	1.26 V	241	59.72	-101.90

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.

7.7.8 NR n77 (3450-3550 MHz) SCS 30 kHz

RF Mode	NR n77 Channel Bandwidth: 20MHz	Channel	CH 630668 : 3460.02 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6920.04	-43.68	-13.00	-30.68	1.41 H	237	44.04	-87.72

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	6920.04	-41.81	-13.00	-28.81	1.98 V	295	45.91	-87.72

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 n77 Channel Bandwidth: 20MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-43.47	-13.00	-30.47	1.45 H	231	44.09	-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	7000.02	-41.64	-13.00	-28.64	2.00 V	296	45.92	-87.56

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 20MHz	Channel	CH 636000 : 3540 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7080.00	-42.87	-13.00	-29.87	1.38 H	242	44.26	-87.13
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	7080.00	-41.34	-13.00	-28.34	1.98 V	292	45.79	-87.13

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 n77 Channel Bandwidth: 60MHz	Channel	CH 632000 : 3480 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6960.00	-43.38	-13.00	-30.38	1.41 H	237	44.24	-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	6950.04	-41.78	-13.00	-28.78	1.98 V	295	45.85	-87.63

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 n77 Channel Bandwidth: 60MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-43.37	-13.00	-30.37	1.42 H	240	44.19	-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	7000.02	-41.69	-13.00	-28.69	1.98 V	298	45.87	-87.56

Remarks:

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



RF Mode	NR n77 Channel Bandwidth: 60MHz	Channel	CH 634666 : 3519.99 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7050.00	-42.65	-13.00	-29.65	1.36 H	237	44.36	-87.01
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7050.00	-41.00	-13.00	-28.00	1.98 V	296	46.01	-87.01

Remarks:

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



RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-43.11	-13.00	-30.11	1.33 H	258	44.45	-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	7000.02	-40.86	-13.00	-27.86	1.97 V	297	46.70	-87.56

Remarks:

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

7.7.9 NR n77 (3700-3980 MHz) SCS 30 kHz

RF Mode	NR n77 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	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7420.02	-43.10	-13.00	-30.10	1.38 H	234	44.08	-87.18

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	-41.56	-13.00	-28.56	2.04 V	295	45.62	-87.18

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 n77 Channel Bandwidth: 20MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-43.42	-13.00	-30.42	1.35 H	239	44.45	-87.87
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	7680.00	-41.88	-13.00	-28.88	2.05 V	299	45.99	-87.87

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 n77 Channel Bandwidth: 20MHz	Channel	CH 664666 : 3969.99 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7939.98	-43.17	-13.00	-30.17	1.41 H	237	44.31	-87.48
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	7939.98	-41.15	-13.00	-28.15	2.03 V	300	46.33	-87.48

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 n77 Channel Bandwidth: 60MHz	Channel	CH 648668 : 3730.02 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7460.04	-43.00	-13.00	-30.00	1.41 H	236	44.18	-87.18
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	7460.04	-41.29	-13.00	-28.29	2.01 V	293	45.89	-87.18

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 n77 Channel Bandwidth: 60MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-43.93	-13.00	-30.93	1.37 H	235	43.94	-87.87
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	7680.00	-41.74	-13.00	-28.74	2.04 V	296	46.13	-87.87

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 n77 Channel Bandwidth: 60MHz	Channel	CH 663332 : 3949.98 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7899.96	-43.03	-13.00	-30.03	1.43 H	236	44.39	-87.42
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	7899.96	-41.29	-13.00	-28.29	2.08 V	296	46.13	-87.42

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 n77 Channel Bandwidth: 100MHz	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	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7500.00	-43.01	-13.00	-30.01	1.42 H	238	44.25	-87.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7500.00	-41.02	-13.00	-28.02	2.03 V	298	46.24	-87.26

Remarks:

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



RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-43.53	-13.00	-30.53	1.37 H	240	44.34	-87.87
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	7680.00	-41.73	-13.00	-28.73	2.01 V	294	46.14	-87.87

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 n77 Channel Bandwidth: 100MHz	Channel	CH 662000 : 3930 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7860.00	-43.29	-13.00	-30.29	1.38 H	235	44.24	-87.53
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	7860.00	-41.45	-13.00	-28.45	1.98 V	300	46.08	-87.53

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.

7.8 Frequency Stability

Environmental Conditions:	25°C, 60% RH	Tested By:	Ted Chang
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7.8.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 370500 (1852.5 MHz)		CH 381500 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1852.500018	0.010	1907.500014	0.007
3.87	1852.500010	0.005	1907.499985	-0.008
4.46	1852.500011	0.006	1907.499980	-0.010

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 370500 (1852.5 MHz)		CH 381500 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1852.500016	0.009	1907.500018	0.009
-20	1852.500017	0.009	1907.500013	0.007
-10	1852.500012	0.006	1907.499984	-0.008
0	1852.499988	-0.006	1907.499987	-0.007
10	1852.499982	-0.010	1907.499983	-0.009
20	1852.499989	-0.006	1907.500012	0.006
30	1852.500013	0.007	1907.500019	0.010
40	1852.500011	0.006	1907.500018	0.009
50	1852.499988	-0.006	1907.499982	-0.009
60	1852.499988	-0.006	1907.500014	0.007

NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 371000 (1855 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1855.000015	0.008	1905.000020	0.010
3.87	1854.999986	-0.008	1904.999984	-0.008
4.46	1855.000011	0.006	1904.999987	-0.007

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 371000 (1855 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1854.999989	-0.006	1905.000010	0.005
-20	1855.000015	0.008	1904.999983	-0.009
-10	1855.000016	0.009	1904.999987	-0.007
0	1855.000010	0.005	1905.000010	0.005
10	1855.000020	0.011	1905.000014	0.007
20	1854.999987	-0.007	1904.999981	-0.010
30	1854.999990	-0.005	1904.999986	-0.007
40	1854.999987	-0.007	1904.999983	-0.009
50	1855.000015	0.008	1904.999980	-0.010
60	1855.000015	0.008	1904.999981	-0.010

NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 371500 (1857.5 MHz)		CH 380500 (1902.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1857.499990	-0.005	1902.499983	-0.009
3.87	1857.500018	0.010	1902.500016	0.008
4.46	1857.500010	0.005	1902.499983	-0.009

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 371500 (1857.5 MHz)		CH 380500 (1902.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1857.500017	0.009	1902.499990	-0.005
-20	1857.500015	0.008	1902.499983	-0.009
-10	1857.500015	0.008	1902.499986	-0.007
0	1857.500019	0.010	1902.499983	-0.009
10	1857.499987	-0.007	1902.499985	-0.008
20	1857.500010	0.005	1902.499987	-0.007
30	1857.500020	0.011	1902.500015	0.008
40	1857.499985	-0.008	1902.500017	0.009
50	1857.499982	-0.010	1902.500013	0.007
60	1857.500018	0.010	1902.500011	0.006

NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 372000 (1860 MHz)		CH 380000 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1859.999988	-0.006	1899.999986	-0.007
3.87	1860.000020	0.011	1899.999984	-0.008
4.46	1860.000019	0.010	1900.000014	0.007

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 372000 (1860 MHz)		CH 380000 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1859.999986	-0.008	1900.000011	0.006
-20	1860.000019	0.010	1899.999981	-0.010
-10	1860.000011	0.006	1899.999983	-0.009
0	1860.000015	0.008	1900.000017	0.009
10	1859.999980	-0.011	1900.000020	0.010
20	1859.999983	-0.009	1900.000014	0.007
30	1860.000018	0.010	1899.999988	-0.006
40	1860.000010	0.005	1900.000019	0.010
50	1860.000010	0.005	1900.000020	0.010
60	1860.000013	0.007	1900.000012	0.006

7.8.2 NR n5 SCS 15 kHz

NR n5 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 165300 (826.5 MHz)		CH 169300 (846.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	826.499992	-0.010	846.499991	-0.011
3.87	826.499995	-0.006	846.499988	-0.014
4.46	826.500005	0.006	846.500015	0.018

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 165300 (826.5 MHz)		CH 169300 (846.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	826.499989	-0.013	846.499992	-0.009
-20	826.499989	-0.013	846.499992	-0.009
-10	826.500015	0.018	846.499992	-0.009
0	826.499985	-0.018	846.500011	0.013
10	826.499995	-0.006	846.499994	-0.007
20	826.500014	0.017	846.500012	0.014
30	826.500008	0.010	846.499991	-0.011
40	826.499995	-0.006	846.500012	0.014
50	826.500007	0.008	846.499995	-0.006
60	826.499993	-0.008	846.500008	0.009

NR n5 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 165800 (829 MHz)		CH 168800 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	829.000014	0.017	843.999995	-0.006
3.87	828.999993	-0.008	843.999986	-0.017
4.46	829.000013	0.016	844.000015	0.018

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 165800 (829 MHz)		CH 168800 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	829.000012	0.015	844.000007	0.008
-20	828.999994	-0.007	843.999989	-0.013
-10	828.999988	-0.015	843.999989	-0.013
0	829.000011	0.013	843.999992	-0.009
10	828.999993	-0.008	844.000005	0.006
20	828.999987	-0.016	843.999994	-0.007
30	828.999993	-0.008	843.999991	-0.011
40	828.999993	-0.008	843.999987	-0.015
50	828.999986	-0.017	844.000005	0.006
60	828.999985	-0.018	844.000012	0.014

NR n5 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 166300 (831.5 MHz)		CH 168300 (841.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	831.499986	-0.017	841.500007	0.008
3.87	831.500008	0.010	841.499993	-0.008
4.46	831.499987	-0.016	841.499986	-0.017

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 166300 (831.5 MHz)		CH 168300 (841.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	831.499988	-0.015	841.500011	0.013
-20	831.500011	0.013	841.499993	-0.008
-10	831.500011	0.013	841.499988	-0.014
0	831.500005	0.006	841.499989	-0.013
10	831.500015	0.018	841.500007	0.008
20	831.499993	-0.008	841.499994	-0.007
30	831.500007	0.008	841.500010	0.012
40	831.499987	-0.016	841.500015	0.018
50	831.500006	0.007	841.499992	-0.009
60	831.499987	-0.016	841.500010	0.012

NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 166800 (834 MHz)		CH 167800 (839 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	834.000007	0.008	839.000008	0.009
3.87	833.999995	-0.006	839.000013	0.015
4.46	833.999986	-0.017	838.999989	-0.013

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 166800 (834 MHz)		CH 167800 (839 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	834.000005	0.006	839.000013	0.015
-20	833.999986	-0.017	839.000013	0.015
-10	834.000008	0.010	839.000009	0.011
0	834.000006	0.007	838.999995	-0.006
10	834.000007	0.008	839.000006	0.007
20	834.000010	0.012	839.000005	0.006
30	833.999988	-0.015	838.999993	-0.008
40	834.000012	0.015	838.999986	-0.017
50	833.999993	-0.008	839.000010	0.012
60	834.000011	0.013	838.999988	-0.014

7.8.3 NR n25 SCS 15 kHz

NR n25 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 370500 (1852.5 MHz)		CH 382500 (1912.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1852.499984	-0.009	1912.499982	-0.009
3.87	1852.499982	-0.010	1912.499982	-0.009
4.46	1852.500018	0.010	1912.500017	0.009

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 370500 (1852.5 MHz)		CH 382500 (1912.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1852.500015	0.008	1912.499986	-0.007
-20	1852.500016	0.009	1912.500010	0.005
-10	1852.499990	-0.005	1912.499986	-0.007
0	1852.499983	-0.009	1912.500016	0.008
10	1852.500013	0.007	1912.500019	0.010
20	1852.500010	0.005	1912.500015	0.008
30	1852.499989	-0.006	1912.499990	-0.005
40	1852.499989	-0.006	1912.499986	-0.007
50	1852.500017	0.009	1912.500017	0.009
60	1852.500011	0.006	1912.500017	0.009

NR n25 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 371000 (1855 MHz)		CH 382000 (1910 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1855.000010	0.005	1909.999980	-0.010
3.87	1854.999990	-0.005	1910.000019	0.010
4.46	1855.000018	0.010	1909.999984	-0.008

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 371000 (1855 MHz)		CH 382000 (1910 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1854.999986	-0.008	1910.000019	0.010
-20	1855.000013	0.007	1909.999989	-0.006
-10	1855.000019	0.010	1909.999983	-0.009
0	1854.999981	-0.010	1910.000015	0.008
10	1855.000011	0.006	1910.000010	0.005
20	1854.999988	-0.006	1910.000017	0.009
30	1855.000010	0.005	1909.999982	-0.009
40	1855.000020	0.011	1909.999987	-0.007
50	1855.000013	0.007	1910.000015	0.008
60	1854.999988	-0.006	1910.000012	0.006

NR n25 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 371500 (1857.5 MHz)		CH 381500 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1857.499983	-0.009	1907.500016	0.008
3.87	1857.499990	-0.005	1907.500015	0.008
4.46	1857.500019	0.010	1907.500014	0.007

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 371500 (1857.5 MHz)		CH 381500 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1857.499985	-0.008	1907.500013	0.007
-20	1857.500012	0.006	1907.500014	0.007
-10	1857.500012	0.006	1907.499988	-0.006
0	1857.499982	-0.010	1907.500012	0.006
10	1857.500010	0.005	1907.500019	0.010
20	1857.500010	0.005	1907.500018	0.009
30	1857.499988	-0.006	1907.499988	-0.006
40	1857.499990	-0.005	1907.500014	0.007
50	1857.500016	0.009	1907.500010	0.005
60	1857.500019	0.010	1907.499985	-0.008

NR n25 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 372000 (1860 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1859.999989	-0.006	1905.000018	0.009
3.87	1860.000020	0.011	1905.000011	0.006
4.46	1859.999984	-0.009	1905.000012	0.006

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 372000 (1860 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1860.000012	0.006	1905.000014	0.007
-20	1859.999984	-0.009	1904.999983	-0.009
-10	1859.999986	-0.008	1904.999983	-0.009
0	1859.999988	-0.006	1904.999984	-0.008
10	1860.000014	0.008	1904.999984	-0.008
20	1860.000014	0.008	1904.999989	-0.006
30	1860.000018	0.010	1905.000015	0.008
40	1860.000010	0.005	1904.999989	-0.006
50	1859.999985	-0.008	1905.000013	0.007
60	1860.000018	0.010	1904.999988	-0.006

7.8.4 NR n30 SCS 15 kHz

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 462000 (2310 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.28	2309.999988	-0.005
3.87	2309.999985	-0.006
4.46	2310.000020	0.009

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature		
Temperature (°C)	CH 462000 (2310 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	2309.999988	-0.007
-20	2309.999988	-0.005
-10	2309.999986	-0.006
0	2310.000011	0.005
10	2310.000012	0.005
20	2309.999989	-0.005
30	2309.999988	-0.005
40	2310.000012	0.005
50	2309.999983	-0.007
60	2310.000016	0.007

7.8.5 NR n41 SCS 30 kHz

NR n41 SCS 30 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 501204 (2506.02 MHz)		CH 535998 (2679.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	2506.020013	0.005	2679.990011	0.004
3.87	2506.019988	-0.005	2679.989980	-0.007
4.46	2506.020012	0.005	2679.989983	-0.006

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 501204 (2506.02 MHz)		CH 535998 (2679.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2506.020013	0.005	2679.989984	-0.006
-20	2506.020016	0.006	2679.990014	0.005
-10	2506.019983	-0.007	2679.990018	0.007
0	2506.020016	0.006	2679.989988	-0.004
10	2506.019987	-0.005	2679.989988	-0.004
20	2506.020016	0.006	2679.989983	-0.006
30	2506.020011	0.004	2679.990010	0.004
40	2506.019985	-0.006	2679.989981	-0.007
50	2506.020016	0.006	2679.990010	0.004
60	2506.019981	-0.008	2679.990014	0.005

NR n41 SCS 30 kHz, Channel Bandwidth: 30 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 502200 (2511 MHz)		CH 534996 (2674.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	2510.999983	-0.007	2674.979985	-0.006
3.87	2511.000019	0.008	2674.980018	0.007
4.46	2511.000019	0.008	2674.979982	-0.007

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 502200 (2511 MHz)		CH 534996 (2674.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2511.000020	0.008	2674.980012	0.004
-20	2510.999990	-0.004	2674.980012	0.004
-10	2510.999982	-0.007	2674.980011	0.004
0	2510.999989	-0.004	2674.979986	-0.005
10	2510.999980	-0.008	2674.980013	0.005
20	2511.000013	0.005	2674.979984	-0.006
30	2511.000011	0.004	2674.979986	-0.005
40	2511.000015	0.006	2674.980016	0.006
50	2511.000019	0.008	2674.979989	-0.004
60	2511.000019	0.008	2674.980011	0.004

NR n41 SCS 30 kHz, Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 503202 (2516.01 MHz)		CH 534000 (2670 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	2516.010012	0.005	2670.000013	0.005
3.87	2516.009988	-0.005	2669.999990	-0.004
4.46	2516.010019	0.008	2669.999989	-0.004

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 503202 (2516.01 MHz)		CH 534000 (2670 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2516.009980	-0.008	2669.999989	-0.004
-20	2516.009981	-0.008	2669.999985	-0.006
-10	2516.009984	-0.006	2669.999990	-0.004
0	2516.009988	-0.005	2669.999989	-0.004
10	2516.010013	0.005	2670.000010	0.004
20	2516.010010	0.004	2669.999984	-0.006
30	2516.009981	-0.008	2669.999985	-0.006
40	2516.010020	0.008	2670.000018	0.007
50	2516.009982	-0.007	2669.999981	-0.007
60	2516.010012	0.005	2669.999986	-0.005

NR n41 SCS 30 kHz, Channel Bandwidth: 50 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 504204 (2521.02 MHz)		CH 532998 (2664.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	2521.020015	0.006	2664.990018	0.007
3.87	2521.019987	-0.005	2664.990016	0.006
4.46	2521.019982	-0.007	2664.990015	0.006

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 504204 (2521.02 MHz)		CH 532998 (2664.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2521.020010	0.004	2664.990017	0.006
-20	2521.020011	0.004	2664.990014	0.005
-10	2521.019980	-0.008	2664.989984	-0.006
0	2521.019981	-0.008	2664.990020	0.007
10	2521.019985	-0.006	2664.989985	-0.006
20	2521.019981	-0.008	2664.990011	0.004
30	2521.019985	-0.006	2664.989988	-0.004
40	2521.019981	-0.008	2664.989983	-0.006
50	2521.020010	0.004	2664.990016	0.006
60	2521.020020	0.008	2664.989980	-0.007

NR n41 SCS 30 kHz, Channel Bandwidth: 60 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 505200 (2526 MHz)		CH 531996 (2659.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	2525.999981	-0.008	2659.979984	-0.006
3.87	2526.000014	0.006	2659.979985	-0.006
4.46	2525.999990	-0.004	2659.980016	0.006

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 505200 (2526 MHz)		CH 531996 (2659.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2525.999988	-0.005	2659.980012	0.004
-20	2526.000016	0.006	2659.979984	-0.006
-10	2525.999989	-0.004	2659.979985	-0.006
0	2525.999988	-0.005	2659.980015	0.006
10	2526.000016	0.006	2659.980018	0.007
20	2525.999988	-0.005	2659.980015	0.006
30	2526.000017	0.007	2659.979986	-0.005
40	2525.999982	-0.007	2659.980015	0.006
50	2525.999980	-0.008	2659.980013	0.005
60	2526.000020	0.008	2659.980018	0.007

NR n41 SCS 30 kHz, Channel Bandwidth: 70 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 506202 (2531.01 MHz)		CH 531000 (2655 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	2531.009985	-0.006	2654.999990	-0.004
3.87	2531.010012	0.005	2654.999986	-0.005
4.46	2531.009981	-0.008	2654.999984	-0.006

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 506202 (2531.01 MHz)		CH 531000 (2655 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2531.010013	0.005	2654.999980	-0.007
-20	2531.010012	0.005	2654.999986	-0.005
-10	2531.010015	0.006	2655.000019	0.007
0	2531.009990	-0.004	2654.999988	-0.004
10	2531.010018	0.007	2655.000012	0.004
20	2531.010018	0.007	2654.999987	-0.005
30	2531.010015	0.006	2655.000019	0.007
40	2531.010013	0.005	2655.000014	0.005
50	2531.010013	0.005	2654.999981	-0.007
60	2531.010012	0.005	2655.000012	0.004

NR n41 SCS 30 kHz, Channel Bandwidth: 80 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 507204 (2536.02 MHz)		CH 529998 (2649.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	2536.020010	0.004	2649.990019	0.007
3.87	2536.019989	-0.004	2649.990019	0.007
4.46	2536.020019	0.008	2649.990013	0.005

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 507204 (2536.02 MHz)		CH 529998 (2649.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2536.019981	-0.008	2649.989988	-0.004
-20	2536.019982	-0.007	2649.990019	0.007
-10	2536.020018	0.007	2649.990014	0.005
0	2536.020018	0.007	2649.989989	-0.004
10	2536.019985	-0.006	2649.989988	-0.004
20	2536.020018	0.007	2649.989987	-0.005
30	2536.019980	-0.008	2649.990015	0.006
40	2536.020013	0.005	2649.990019	0.007
50	2536.020016	0.006	2649.989985	-0.006
60	2536.019986	-0.006	2649.989988	-0.004

NR n41 SCS 30 kHz, Channel Bandwidth: 90 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 508200 (2541 MHz)		CH 528996 (2644.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	2541.000013	0.005	2644.979982	-0.007
3.87	2541.000020	0.008	2644.980016	0.006
4.46	2540.999981	-0.008	2644.979989	-0.004

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 508200 (2541 MHz)		CH 528996 (2644.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2540.999990	-0.004	2644.979986	-0.005
-20	2541.000017	0.007	2644.980015	0.006
-10	2540.999987	-0.005	2644.979986	-0.005
0	2541.000015	0.006	2644.980018	0.007
10	2541.000014	0.006	2644.979980	-0.007
20	2540.999986	-0.006	2644.980018	0.007
30	2540.999980	-0.008	2644.980016	0.006
40	2541.000012	0.005	2644.980018	0.007
50	2541.000018	0.007	2644.980010	0.004
60	2540.999985	-0.006	2644.979985	-0.006

NR n41 SCS 30 kHz, Channel Bandwidth: 100 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 509202 (2546.01 MHz)		CH 528000 (2640 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	2546.009982	-0.007	2639.999987	-0.005
3.87	2546.009986	-0.006	2640.000016	0.006
4.46	2546.010014	0.006	2640.000012	0.004

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 509202 (2546.01 MHz)		CH 528000 (2640 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2546.010010	0.004	2639.999988	-0.004
-20	2546.009987	-0.005	2640.000019	0.007
-10	2546.010019	0.008	2640.000017	0.006
0	2546.010016	0.006	2640.000019	0.007
10	2546.010014	0.006	2640.000015	0.006
20	2546.009981	-0.008	2639.999980	-0.007
30	2546.009988	-0.005	2639.999988	-0.004
40	2546.009981	-0.008	2640.000018	0.007
50	2546.010011	0.004	2640.000012	0.004
60	2546.009987	-0.005	2640.000011	0.004

7.8.6 NR n66 SCS 15 kHz

NR n66 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 342500 (1712.5 MHz)		CH 355500 (1777.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1712.499984	-0.009	1777.500016	0.009
3.87	1712.500013	0.008	1777.499983	-0.010
4.46	1712.499980	-0.012	1777.500020	0.011

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 342500 (1712.5 MHz)		CH 355500 (1777.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1712.499990	-0.006	1777.500017	0.010
-20	1712.499984	-0.009	1777.500013	0.007
-10	1712.500012	0.007	1777.500017	0.010
0	1712.500014	0.008	1777.500011	0.006
10	1712.500014	0.008	1777.499981	-0.011
20	1712.500011	0.006	1777.500011	0.006
30	1712.500017	0.010	1777.499983	-0.010
40	1712.499982	-0.011	1777.499988	-0.007
50	1712.500011	0.006	1777.500013	0.007
60	1712.499988	-0.007	1777.499984	-0.009

NR n66 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 343000 (1715 MHz)		CH 355000 (1775 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1715.000014	0.008	1774.999986	-0.008
3.87	1715.000016	0.009	1774.999984	-0.009
4.46	1715.000019	0.011	1775.000015	0.008

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 343000 (1715 MHz)		CH 355000 (1775 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1715.000016	0.009	1775.000014	0.008
-20	1715.000011	0.006	1774.999980	-0.011
-10	1714.999989	-0.006	1775.000016	0.009
0	1714.999989	-0.006	1775.000020	0.011
10	1715.000019	0.011	1775.000017	0.010
20	1715.000014	0.008	1775.000017	0.010
30	1714.999986	-0.008	1775.000020	0.011
40	1715.000015	0.009	1774.999981	-0.011
50	1714.999984	-0.009	1775.000011	0.006
60	1715.000012	0.007	1774.999986	-0.008

NR n66 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 343500 (1717.5 MHz)		CH 354500 (1772.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1717.499983	-0.010	1772.500016	0.009
3.87	1717.500017	0.010	1772.499981	-0.011
4.46	1717.500011	0.006	1772.499989	-0.006

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 343500 (1717.5 MHz)		CH 354500 (1772.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1717.500011	0.006	1772.500013	0.007
-20	1717.499987	-0.008	1772.499982	-0.010
-10	1717.500012	0.007	1772.500011	0.006
0	1717.499981	-0.011	1772.499982	-0.010
10	1717.500018	0.011	1772.500019	0.011
20	1717.500020	0.012	1772.499981	-0.011
30	1717.500012	0.007	1772.500013	0.007
40	1717.499981	-0.011	1772.499986	-0.008
50	1717.500020	0.012	1772.500018	0.010
60	1717.500017	0.010	1772.500020	0.011

NR n66 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 344000 (1720 MHz)		CH 354000 (1770 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1720.000019	0.011	1769.999981	-0.011
3.87	1720.000012	0.007	1769.999982	-0.010
4.46	1719.999989	-0.006	1769.999982	-0.010

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 344000 (1720 MHz)		CH 354000 (1770 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1720.000011	0.006	1770.000016	0.009
-20	1719.999983	-0.010	1770.000016	0.009
-10	1720.000016	0.009	1769.999981	-0.011
0	1719.999987	-0.008	1769.999985	-0.008
10	1719.999985	-0.009	1770.000010	0.006
20	1720.000014	0.008	1769.999982	-0.010
30	1719.999989	-0.006	1769.999986	-0.008
40	1720.000014	0.008	1769.999982	-0.010
50	1719.999982	-0.011	1770.000010	0.006
60	1720.000018	0.011	1770.000019	0.011

NR n66 SCS 15 kHz, Channel Bandwidth: 30 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 345000 (1725 MHz)		CH 353000 (1765 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	1725.000018	0.011	1765.000016	0.009
3.87	1724.999980	-0.012	1765.000017	0.010
4.46	1725.000013	0.008	1765.000020	0.011

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 345000 (1725 MHz)		CH 353000 (1765 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1724.999986	-0.008	1764.999985	-0.008
-20	1724.999984	-0.009	1765.000017	0.010
-10	1724.999990	-0.006	1764.999990	-0.006
0	1725.000017	0.010	1765.000015	0.008
10	1724.999983	-0.010	1764.999990	-0.006
20	1724.999986	-0.008	1765.000014	0.008
30	1725.000016	0.009	1765.000011	0.006
40	1725.000010	0.006	1765.000016	0.009
50	1725.000020	0.012	1765.000018	0.010
60	1724.999980	-0.012	1765.000017	0.010

7.8.7 NR n71 SCS 15 kHz

NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133100 (665.5 MHz)		CH 139100 (695.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	665.500010	0.015	695.499988	-0.017
3.87	665.499994	-0.009	695.499990	-0.014
4.46	665.499986	-0.021	695.499991	-0.013

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 133100 (665.5 MHz)		CH 139100 (695.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	665.500008	0.012	695.500014	0.020
-20	665.500015	0.023	695.500007	0.010
-10	665.499988	-0.018	695.500011	0.016
0	665.500013	0.020	695.499990	-0.014
10	665.500005	0.008	695.499987	-0.019
20	665.499985	-0.023	695.499985	-0.022
30	665.499988	-0.018	695.499988	-0.017
40	665.500007	0.011	695.499985	-0.022
50	665.499987	-0.020	695.499988	-0.017
60	665.499994	-0.009	695.500012	0.017

NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133600 (668 MHz)		CH 138600 (693 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	667.999990	-0.015	692.999995	-0.007
3.87	667.999986	-0.021	693.000015	0.022
4.46	667.999986	-0.021	692.999993	-0.010

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 133600 (668 MHz)		CH 138600 (693 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	668.000007	0.011	693.000011	0.016
-20	668.000011	0.017	692.999988	-0.017
-10	667.999990	-0.015	693.000012	0.017
0	667.999986	-0.021	692.999993	-0.010
10	668.000014	0.021	693.000013	0.019
20	667.999988	-0.018	693.000015	0.022
30	667.999988	-0.018	693.000011	0.016
40	667.999985	-0.023	693.000005	0.007
50	667.999994	-0.009	693.000008	0.012
60	667.999987	-0.020	692.999989	-0.016

NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 134100 (670.5 MHz)		CH 138100 (690.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	670.499985	-0.023	690.500005	0.007
3.87	670.499987	-0.020	690.499991	-0.013
4.46	670.500007	0.011	690.499987	-0.019

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 134100 (670.5 MHz)		CH 138100 (690.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	670.499986	-0.021	690.499993	-0.010
-20	670.499990	-0.015	690.500013	0.019
-10	670.499989	-0.017	690.499987	-0.019
0	670.500008	0.012	690.500015	0.022
10	670.500014	0.021	690.500008	0.012
20	670.500010	0.015	690.499985	-0.022
30	670.500005	0.008	690.499986	-0.020
40	670.499993	-0.011	690.500010	0.014
50	670.500009	0.014	690.500013	0.019
60	670.499990	-0.015	690.500013	0.019

NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 134600 (673 MHz)		CH 137600 (688 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	672.999992	-0.012	688.000013	0.019
3.87	673.000008	0.012	687.999992	-0.012
4.46	672.999986	-0.021	687.999992	-0.012

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 134600 (673 MHz)		CH 137600 (688 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	672.999991	-0.014	687.999995	-0.007
-20	673.000005	0.008	687.999988	-0.017
-10	673.000008	0.012	687.999989	-0.016
0	672.999989	-0.017	688.000015	0.022
10	672.999992	-0.012	688.000005	0.007
20	672.999990	-0.015	687.999987	-0.019
30	673.000010	0.015	687.999985	-0.022
40	673.000012	0.018	688.000010	0.014
50	673.000008	0.012	687.999989	-0.016
60	673.000015	0.023	687.999993	-0.010

7.8.8 NR n77 (3450-3550 MHz) SCS 30 kHz

NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630668 (3460.02 MHz)		CH 636000 (3540 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3460.019987	-0.004	3540.000019	0.005
3.87	3460.019980	-0.006	3540.000010	0.003
4.46	3460.019982	-0.005	3540.000015	0.004

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630668 (3460.02 MHz)		CH 636000 (3540 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3460.020016	0.005	3540.000014	0.004
-20	3460.019983	-0.005	3539.999983	-0.005
-10	3460.020013	0.004	3540.000020	0.006
0	3460.019990	-0.003	3540.000015	0.004
10	3460.019988	-0.003	3540.000020	0.006
20	3460.020012	0.003	3539.999986	-0.004
30	3460.020020	0.006	3540.000010	0.003
40	3460.020015	0.004	3539.999980	-0.006
50	3460.019980	-0.006	3539.999980	-0.006
60	3460.020016	0.005	3540.000014	0.004

NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 30 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631000 (3465 MHz)		CH 635666 (3534.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3465.000010	0.003	3534.989989	-0.003
3.87	3465.000016	0.005	3534.989985	-0.004
4.46	3464.999982	-0.005	3534.990018	0.005

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 631000 (3465 MHz)		CH 635666 (3534.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3465.000019	0.005	3534.990010	0.003
-20	3464.999987	-0.004	3534.990020	0.006
-10	3464.999987	-0.004	3534.990014	0.004
0	3464.999983	-0.005	3534.990013	0.004
10	3465.000019	0.005	3534.989985	-0.004
20	3465.000016	0.005	3534.990011	0.003
30	3464.999984	-0.005	3534.989987	-0.004
40	3464.999983	-0.005	3534.990010	0.003
50	3464.999990	-0.003	3534.990019	0.005
60	3464.999986	-0.004	3534.990017	0.005

NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631334 (3470.01 MHz)		CH 635332 (3529.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3470.009984	-0.005	3529.980018	0.005
3.87	3470.009982	-0.005	3529.980012	0.003
4.46	3470.010012	0.003	3529.980011	0.003

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 631334 (3470.01 MHz)		CH 635332 (3529.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3470.010019	0.005	3529.980018	0.005
-20	3470.010015	0.004	3529.979986	-0.004
-10	3470.010016	0.005	3529.979980	-0.006
0	3470.010017	0.005	3529.980013	0.004
10	3470.009990	-0.003	3529.980017	0.005
20	3470.010010	0.003	3529.979986	-0.004
30	3470.010014	0.004	3529.980014	0.004
40	3470.010011	0.003	3529.980018	0.005
50	3470.009982	-0.005	3529.979987	-0.004
60	3470.010020	0.006	3529.979990	-0.003

NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 60 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632000 (3480 MHz)		CH 634666 (3519.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3479.999983	-0.005	3519.990012	0.003
3.87	3480.000010	0.003	3519.989986	-0.004
4.46	3480.000012	0.003	3519.990011	0.003

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 632000 (3480 MHz)		CH 634666 (3519.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3479.999989	-0.003	3519.990013	0.004
-20	3480.000016	0.005	3519.990016	0.005
-10	3480.000012	0.003	3519.989989	-0.003
0	3480.000018	0.005	3519.990018	0.005
10	3479.999988	-0.003	3519.990012	0.003
20	3480.000017	0.005	3519.990017	0.005
30	3480.000015	0.004	3519.990019	0.005
40	3480.000013	0.004	3519.990011	0.003
50	3480.000013	0.004	3519.990018	0.005
60	3479.999989	-0.003	3519.989980	-0.006

NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 80 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632668 (3490.02 MHz)		CH 634000 (3510 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3490.019987	-0.004	3510.000017	0.005
3.87	3490.019985	-0.004	3509.999987	-0.004
4.46	3490.020015	0.004	3510.000015	0.004

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 632668 (3490.02 MHz)		CH 634000 (3510 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3490.020018	0.005	3510.000011	0.003
-20	3490.019985	-0.004	3509.999983	-0.005
-10	3490.019983	-0.005	3510.000017	0.005
0	3490.020020	0.006	3510.000019	0.005
10	3490.020011	0.003	3510.000017	0.005
20	3490.020014	0.004	3510.000012	0.003
30	3490.020016	0.005	3509.999982	-0.005
40	3490.019983	-0.005	3510.000016	0.005
50	3490.019981	-0.005	3510.000018	0.005
60	3490.019988	-0.003	3510.000014	0.004

NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 100 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.28	3500.010010	0.003
3.87	3500.009986	-0.004
4.46	3500.009987	-0.004

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature		
Temperature (°C)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	3500.010019	0.005
-20	3500.009984	-0.005
-10	3500.009989	-0.003
0	3500.010011	0.003
10	3500.009983	-0.005
20	3500.010016	0.005
30	3500.009982	-0.005
40	3500.010012	0.003
50	3500.009980	-0.006
60	3500.009984	-0.005

7.8.9 NR n77 (3700-3980 MHz) SCS 30 kHz

NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647334 (3710.01 MHz)		CH 665666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3710.010012	0.003	3969.990017	0.004
3.87	3710.010011	0.003	3969.990014	0.004
4.46	3710.010020	0.005	3969.989983	-0.004

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647334 (3710.01 MHz)		CH 665666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3710.009999	0.000	3969.989981	-0.005
-20	3710.009982	-0.005	3969.990015	0.004
-10	3710.010020	0.005	3969.990020	0.005
0	3710.009983	-0.005	3969.989988	-0.003
10	3710.010011	0.003	3969.989983	-0.004
20	3710.009983	-0.005	3969.989989	-0.003
30	3710.009990	-0.003	3969.989980	-0.005
40	3710.010020	0.005	3969.990015	0.004
50	3710.010020	0.005	3969.990018	0.005
60	3710.010012	0.003	3969.989990	-0.003

NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 30 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647668 (3715.02 MHz)		CH 664332 (3964.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3715.020011	0.003	3964.979989	-0.003
3.87	3715.019982	-0.005	3964.980013	0.003
4.46	3715.019981	-0.005	3964.979984	-0.004

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647668 (3715.02 MHz)		CH 664332 (3964.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3715.020018	0.005	3964.980012	0.003
-20	3715.020010	0.003	3964.979986	-0.004
-10	3715.020015	0.004	3964.979988	-0.003
0	3715.020016	0.004	3964.979980	-0.005
10	3715.020011	0.003	3964.980017	0.004
20	3715.020015	0.004	3964.980013	0.003
30	3715.019989	-0.003	3964.980019	0.005
40	3715.019985	-0.004	3964.979990	-0.003
50	3715.019986	-0.004	3964.980014	0.004
60	3715.020010	0.003	3964.980019	0.005

NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3719.999985	-0.004	3960.000013	0.003
3.87	3720.000012	0.003	3960.000018	0.005
4.46	3719.999989	-0.003	3960.000020	0.005

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3719.999980	-0.005	3959.999980	-0.005
-20	3719.999982	-0.005	3960.000013	0.003
-10	3719.999987	-0.004	3960.000020	0.005
0	3720.000014	0.004	3960.000012	0.003
10	3720.000013	0.004	3960.000010	0.003
20	3720.000017	0.005	3960.000010	0.003
30	3720.000017	0.005	3959.999987	-0.003
40	3719.999983	-0.005	3960.000011	0.003
50	3720.000018	0.005	3959.999980	-0.005
60	3719.999982	-0.005	3959.999984	-0.004

NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 60 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648668 (3730.02 MHz)		CH 663332 (3949.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3730.020020	0.005	3949.979982	-0.005
3.87	3730.019981	-0.005	3949.979985	-0.004
4.46	3730.019980	-0.005	3949.979988	-0.003

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 648668 (3730.02 MHz)		CH 663332 (3949.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3730.019982	-0.005	3949.979984	-0.004
-20	3730.019983	-0.005	3949.980020	0.005
-10	3730.020015	0.004	3949.980010	0.003
0	3730.019983	-0.005	3949.979984	-0.004
10	3730.019989	-0.003	3949.979985	-0.004
20	3730.020018	0.005	3949.980016	0.004
30	3730.020017	0.005	3949.979981	-0.005
40	3730.020010	0.003	3949.980014	0.004
50	3730.019983	-0.005	3949.979990	-0.003
60	3730.019988	-0.003	3949.979984	-0.004

NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 80 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 649334 (3740.01 MHz)		CH 662666 (3939.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3740.010012	0.003	3939.990017	0.004
3.87	3740.009982	-0.005	3939.989989	-0.003
4.46	3740.010013	0.004	3939.990017	0.004

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 649334 (3740.01 MHz)		CH 662666 (3939.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3740.010020	0.005	3939.990017	0.004
-20	3740.009986	-0.004	3939.989983	-0.004
-10	3740.009988	-0.003	3939.989984	-0.004
0	3740.010013	0.004	3939.989982	-0.005
10	3740.010010	0.003	3939.989982	-0.005
20	3740.010019	0.005	3939.989989	-0.003
30	3740.009982	-0.005	3939.989985	-0.004
40	3740.009986	-0.004	3939.990010	0.003
50	3740.009987	-0.004	3939.989986	-0.004
60	3740.009981	-0.005	3939.990017	0.004

NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 100 MHz

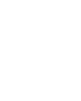
Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 650000 (3750 MHz)		CH 662000 (3930 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.28	3750.000017	0.005	3929.999981	-0.005
3.87	3750.000015	0.004	3930.000015	0.004
4.46	3750.000017	0.005	3929.999988	-0.003

Note: The applicant defined the normal working voltage is from 3.28 to 4.46 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 650000 (3750 MHz)		CH 662000 (3930 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3750.000010	-0.005	3929.999989	-0.003
-20	3750.000010	0.003	3929.999989	-0.003
-10	3750.000017	0.005	3929.999985	-0.004
0	3750.000019	0.005	3929.999990	-0.003
10	3749.999983	-0.005	3930.000010	0.003
20	3750.000013	0.004	3929.999981	-0.005
30	3750.000020	0.005	3930.000010	0.003
40	3750.000010	0.003	3929.999989	-0.003
50	3750.000010	0.003	3929.999981	-0.005
60	3750.000015	0.004	3930.000014	0.004

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.

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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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