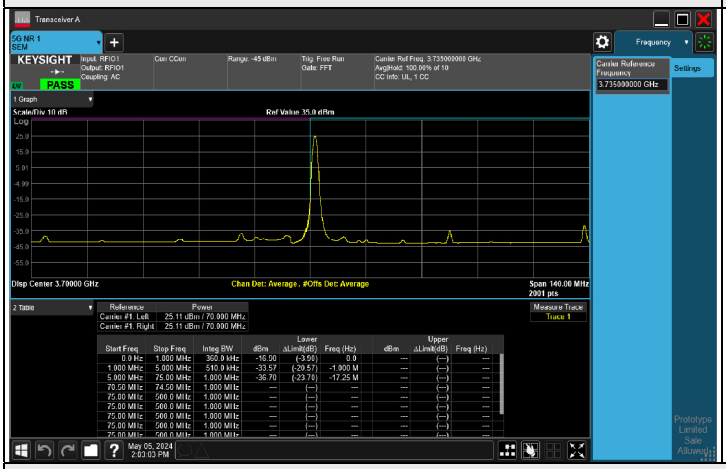
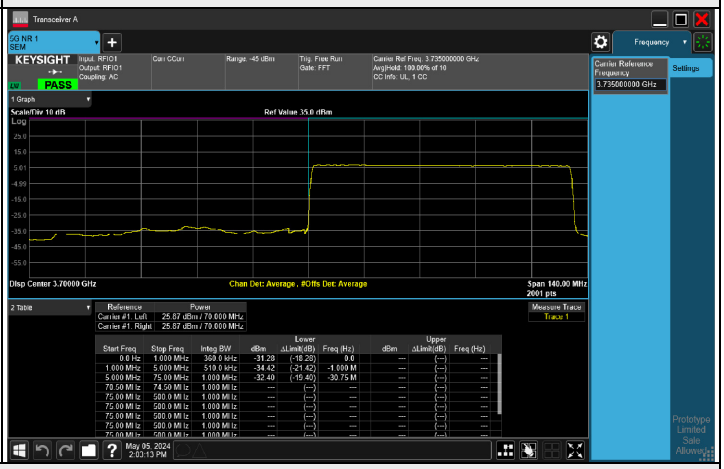
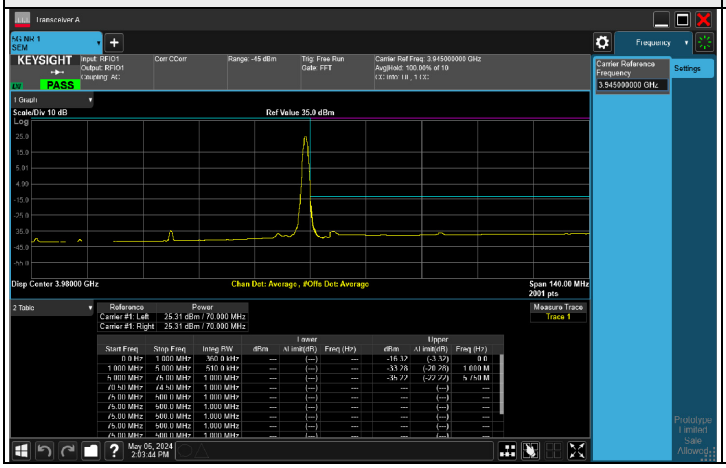
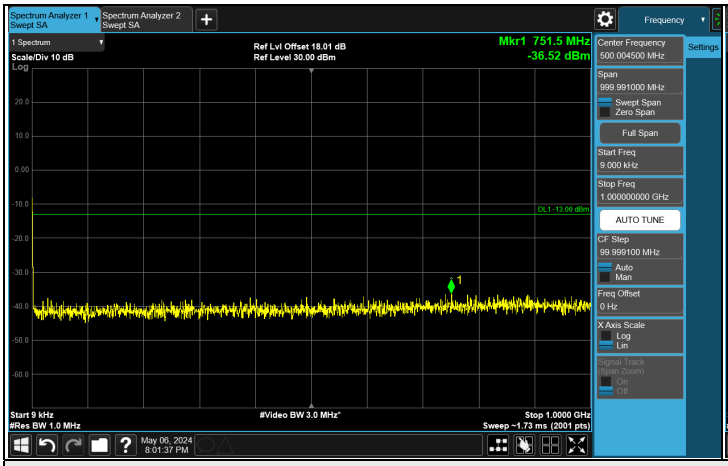
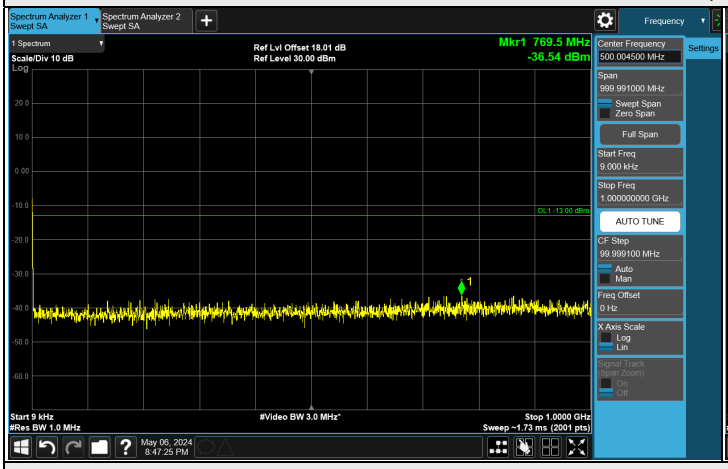
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 70 MHz

CH 649000 (3735 MHz)	
1 RB	FULL RB
	
CH 663000 (3945 MHz)	
1 RB	FULL RB
	

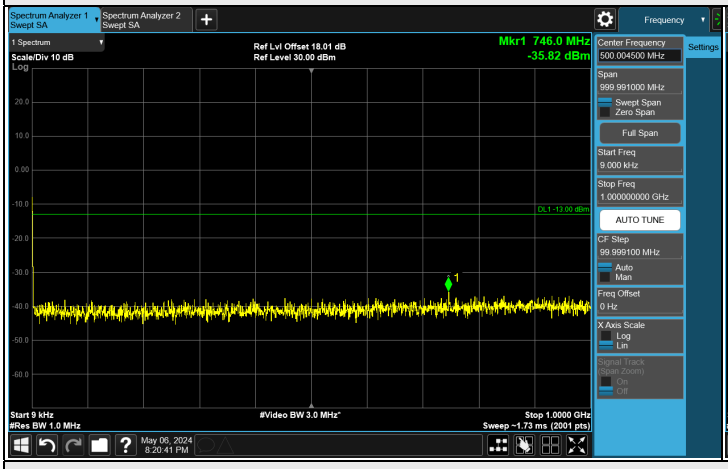
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 80 MHz



CH 649334 (3740.01 MHz)



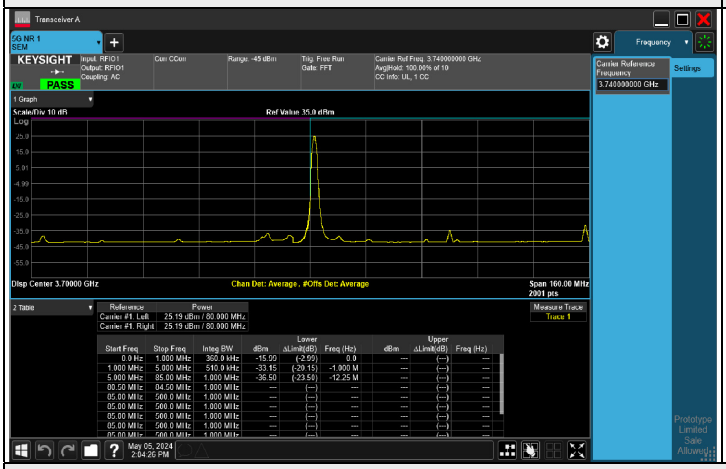
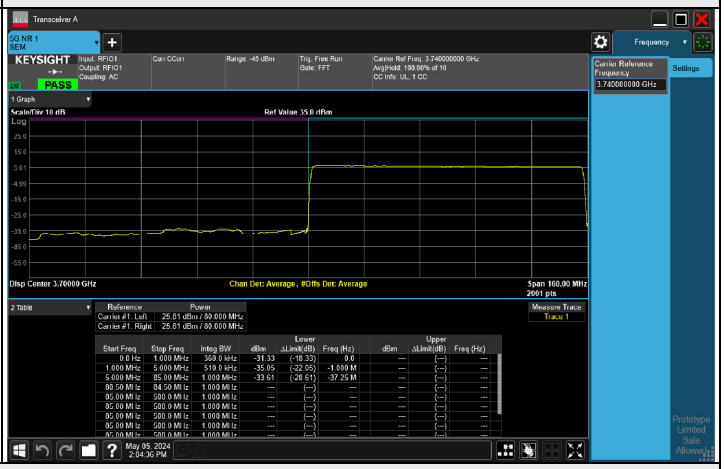
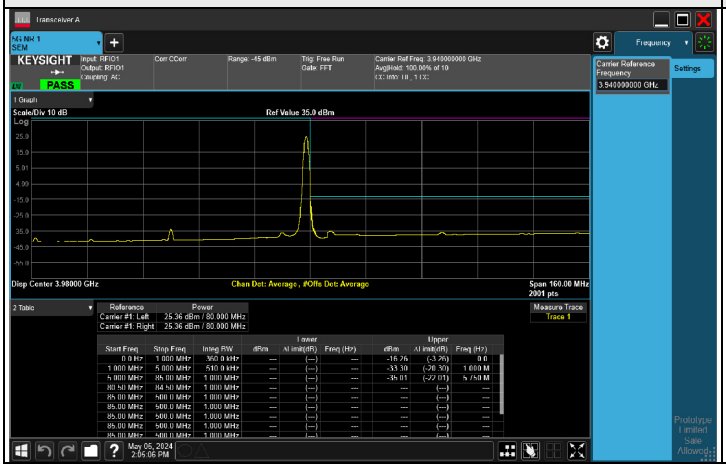
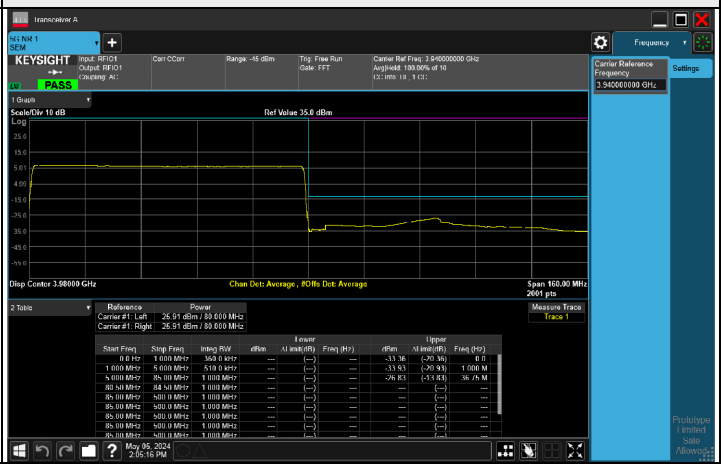
CH 656000 (3840 MHz)



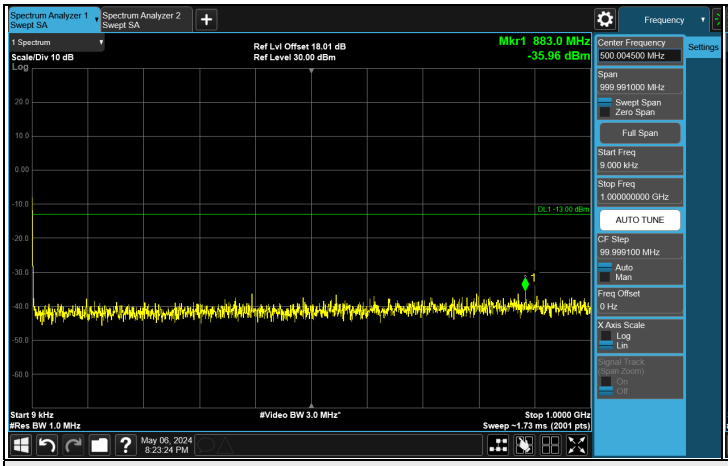
CH 662666 (3939.99 MHz)

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

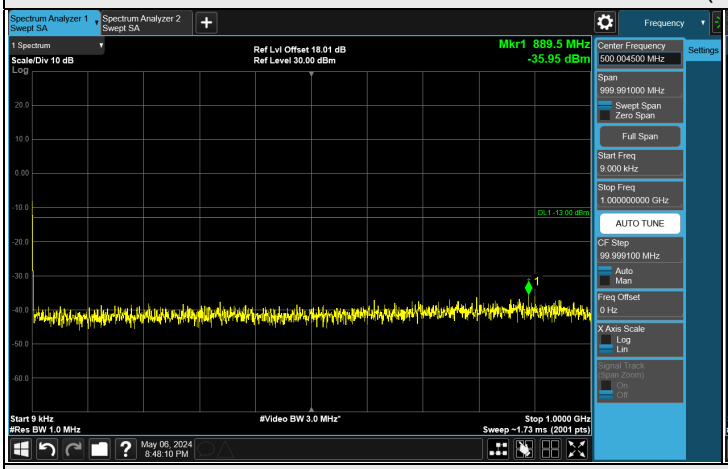
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 80 MHz

CH 649334 (3740.01 MHz)	
1 RB	FULL RB
	
CH 662666 (3939.99 MHz)	
1 RB	FULL RB
	

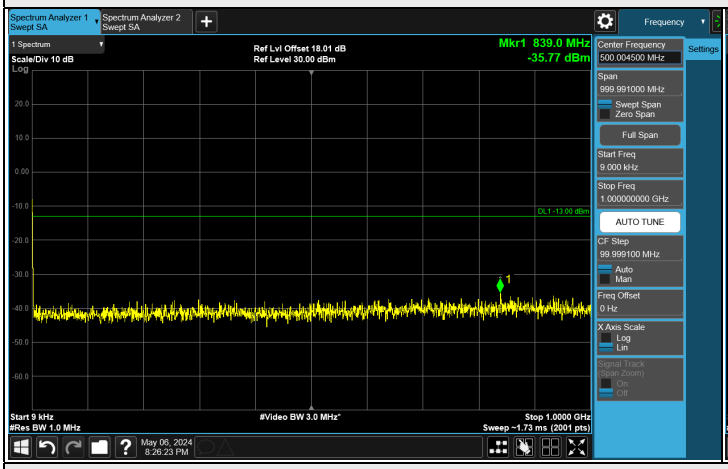
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 90 MHz



CH 649668 (3745.02 MHz)



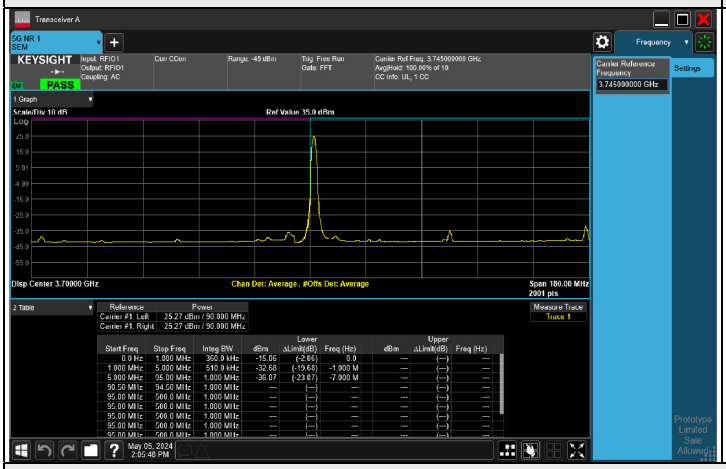
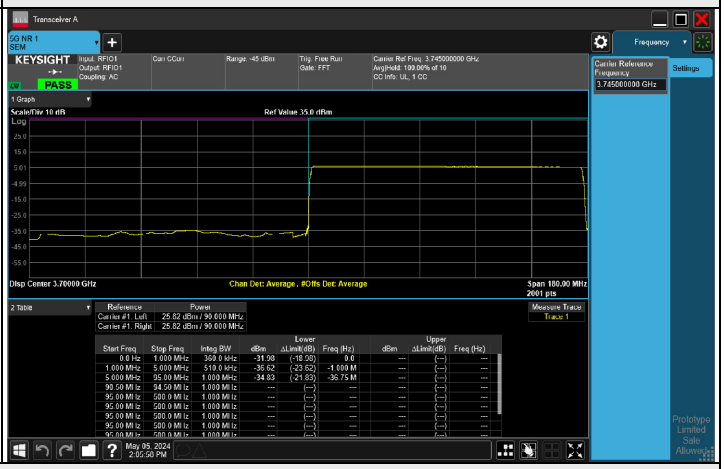
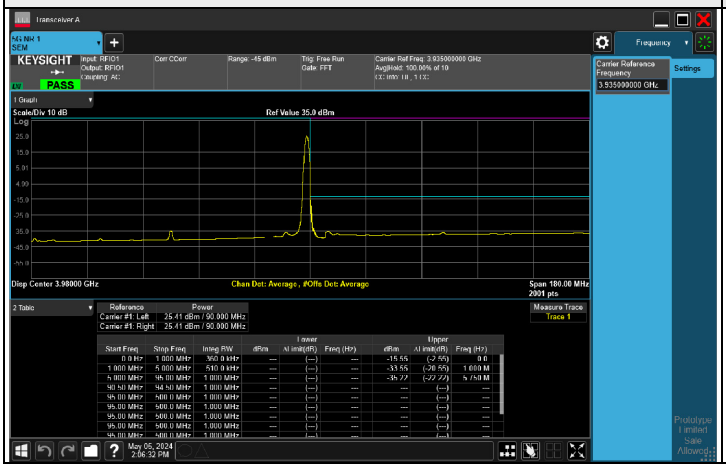
CH 656000 (3840 MHz)



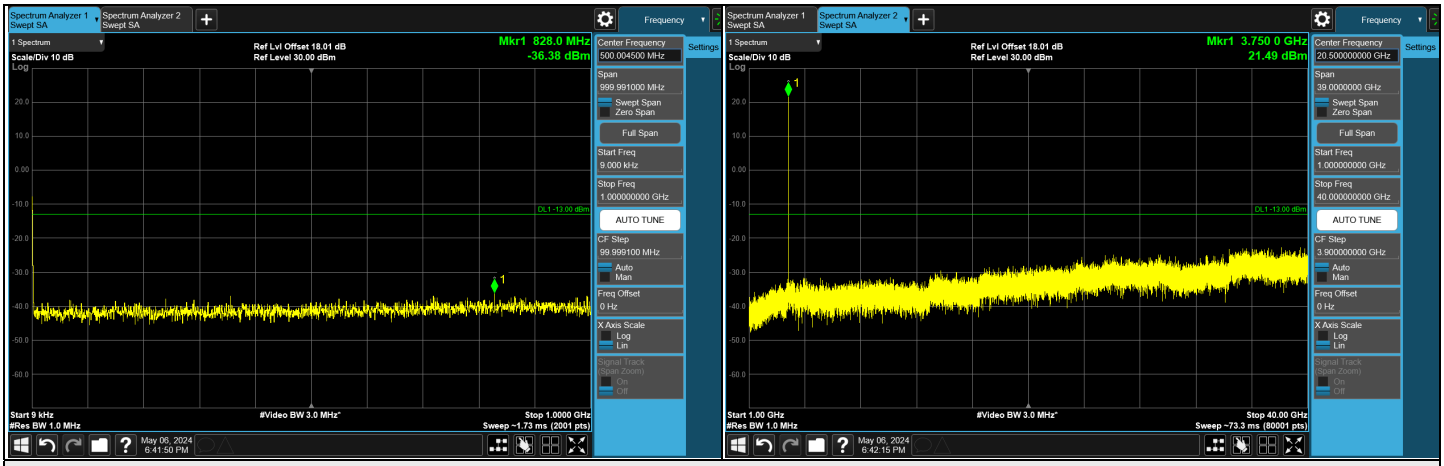
CH 662332 (3934.98 MHz)

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

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 90 MHz

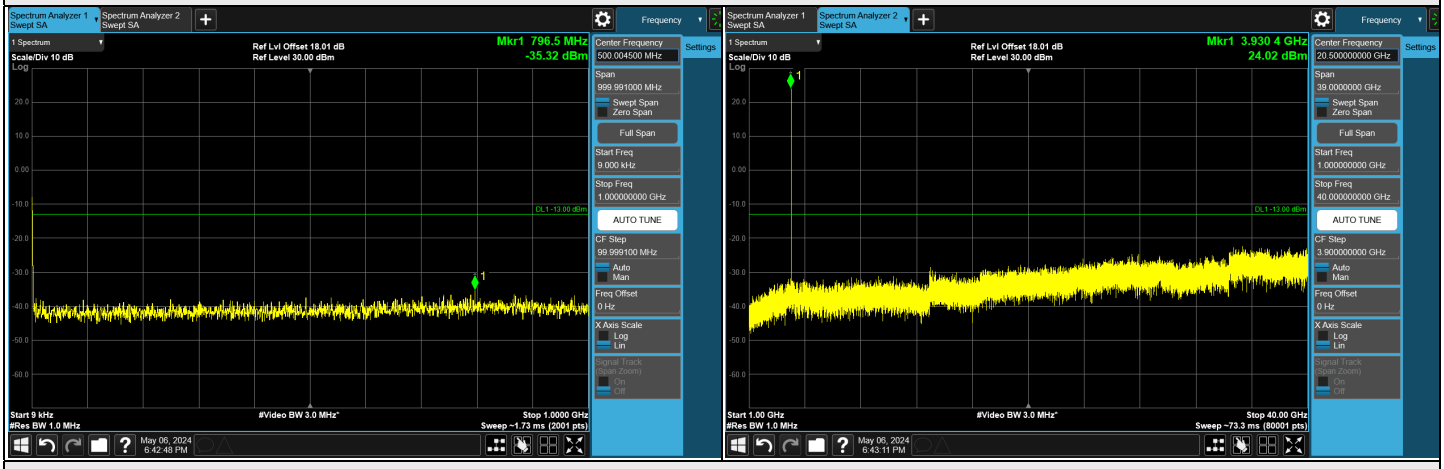
CH 649668 (3745.02 MHz)	
1 RB	FULL RB
	
CH 662332 (3934.98 MHz)	
1 RB	FULL RB
	

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 100 MHz



CH 650000 (3750 MHz)

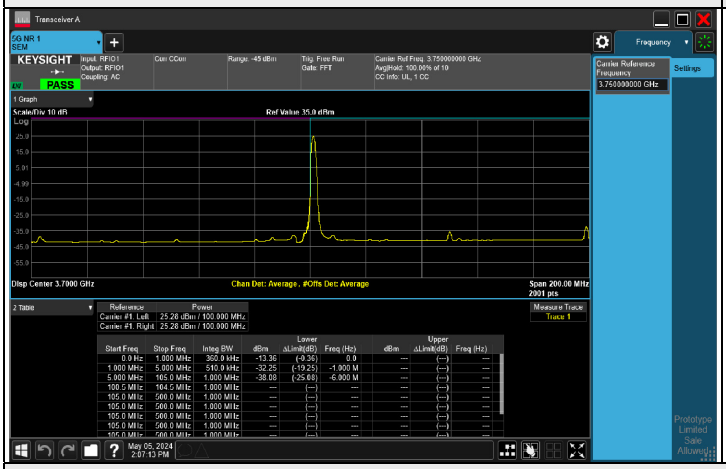
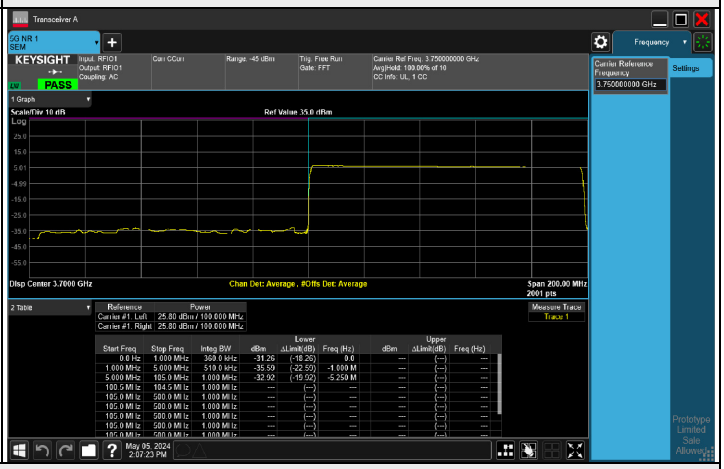
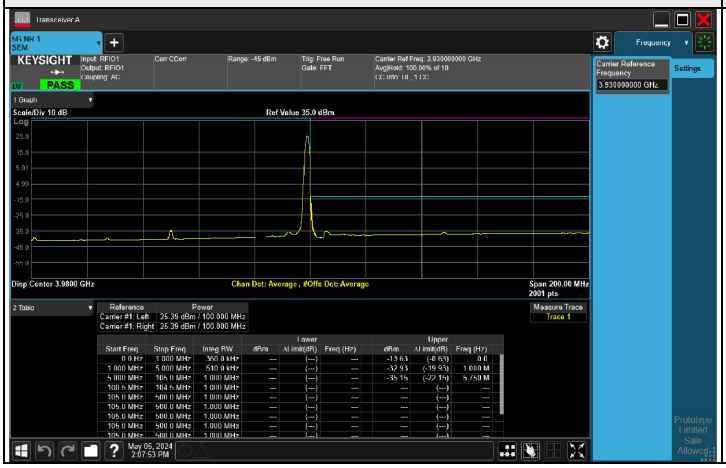
CH 656000 (3840 MHz)



CH 662000 (3930 MHz)

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

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) Chain 1, Channel Bandwidth: 100 MHz

CH 650000 (3750 MHz)	
1 RB	FULL RB
	
CH 662000 (3930 MHz)	
1 RB	FULL RB
	

7.6 Radiated Spurious Emissions below 1GHz

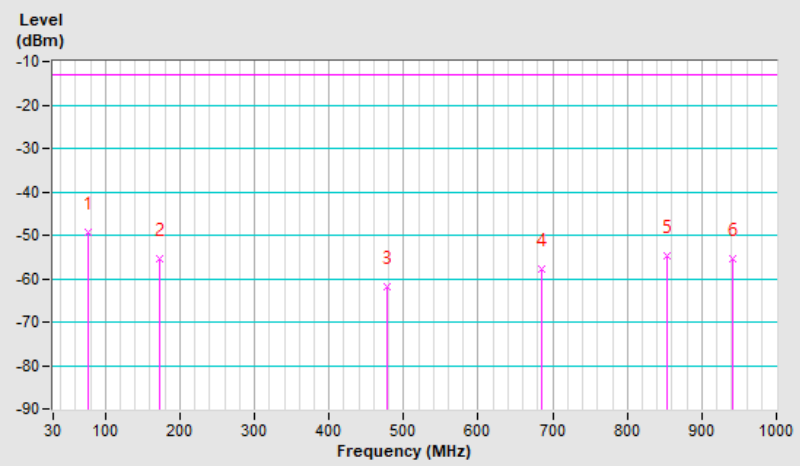
7.6.1 NR n2 SCS 15 kHz

RF Mode	NR n2 Channel Bandwidth: 20MHz	**Channel**	CH 376000：1880 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	77.53	-49.37	-13.00	-36.37	2.00 H	305	62.67	-112.04
2	173.56	-55.56	-13.00	-42.56	1.50 H	253	53.16	-108.72
3	478.14	-61.74	-13.00	-48.74	1.00 H	166	41.06	-102.80
4	685.72	-57.67	-13.00	-44.67	2.00 H	231	41.13	-98.80
5	853.53	-54.82	-13.00	-41.82	1.00 H	73	41.45	-96.27
6	941.80	-55.40	-13.00	-42.40	1.50 H	223	40.13	-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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

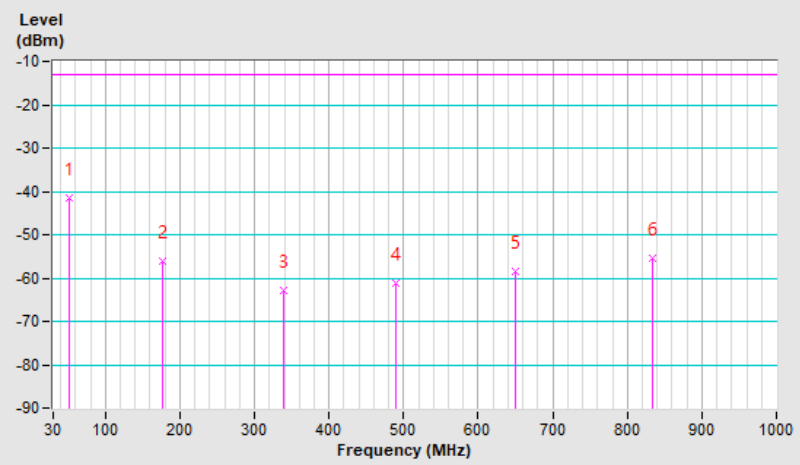


RF Mode	NR n2 Channel Bandwidth: 20MHz	**Channel**	CH 376000：1880 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	52.31	-41.44	-13.00	-28.44	1.00 V	23	66.34	-107.78
2	176.47	-56.03	-13.00	-43.03	1.50 V	105	52.99	-109.02
3	339.43	-62.76	-13.00	-49.76	1.00 V	134	43.67	-106.43
4	489.78	-61.07	-13.00	-48.07	2.00 V	2	41.42	-102.49
5	649.83	-58.37	-13.00	-45.37	1.50 V	150	40.92	-99.29
6	834.13	-55.49	-13.00	-42.49	1.00 V	153	40.66	-96.15

Remarks:

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



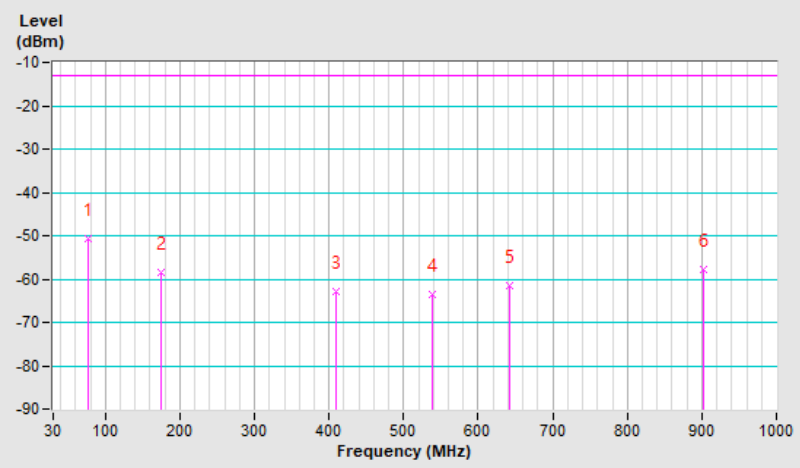
7.6.2 NR n5 SCS 15 kHz

RF Mode	NR n5 Channel Bandwidth: 5MHz	**Channel**	CH 169300：846.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	77.53	-50.69	-13.00	-37.69	2.00 H	163	63.50	-114.19
2	175.50	-58.51	-13.00	-45.51	1.00 H	262	52.54	-111.05
3	410.24	-62.78	-13.00	-49.78	1.50 H	3	44.03	-106.81
4	538.28	-63.50	-13.00	-50.50	1.00 H	185	40.12	-103.62
5	643.04	-61.39	-13.00	-48.39	2.00 H	24	40.07	-101.46
6	903.00	-57.71	-13.00	-44.71	1.00 H	153	40.41	-98.12

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

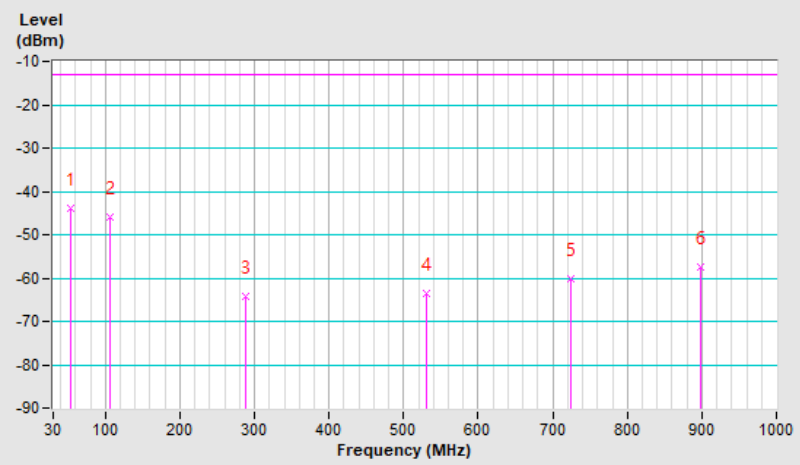


RF Mode	NR n5 Channel Bandwidth: 5MHz	**Channel**	CH 169300：846.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	53.28	-43.87	-13.00	-30.87	1.00 V	309	66.14	-110.01
2	105.66	-45.90	-13.00	-32.90	1.50 V	97	67.60	-113.50
3	288.02	-64.26	-13.00	-51.26	1.00 V	43	45.54	-109.80
4	531.49	-63.53	-13.00	-50.53	1.00 V	304	40.09	-103.62
5	724.52	-60.07	-13.00	-47.07	2.00 V	211	39.91	-99.98
6	899.12	-57.49	-13.00	-44.49	1.50 V	331	40.71	-98.20

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



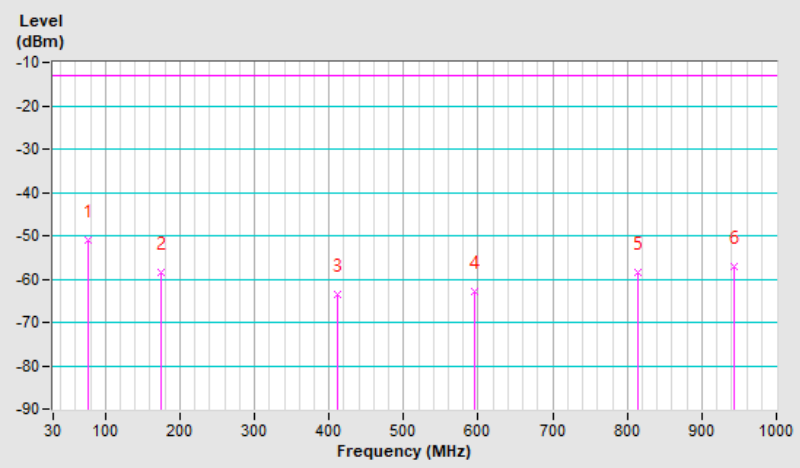
7.6.3 NR n12 SCS 15 kHz

RF Mode	NR n12 Channel Bandwidth: 5MHz	**Channel**	CH 141500：707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	77.53	-51.08	-13.00	-38.08	2.00 H	18	63.11	-114.19
2	174.53	-58.62	-13.00	-45.62	1.00 H	18	52.33	-110.95
3	411.21	-63.50	-13.00	-50.50	1.50 H	277	43.29	-106.79
4	595.51	-62.82	-13.00	-49.82	1.00 H	272	39.80	-102.62
5	814.73	-58.37	-13.00	-45.37	1.50 H	63	40.00	-98.37
6	942.77	-57.24	-13.00	-44.24	2.00 H	240	40.43	-97.67

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

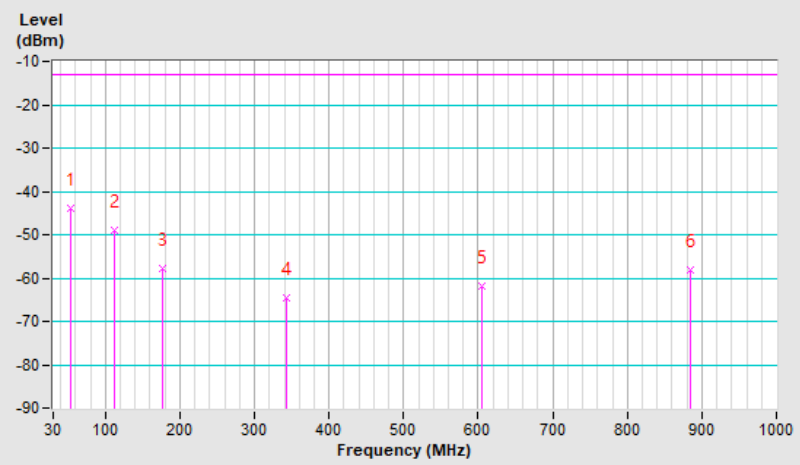


RF Mode	NR n12 Channel Bandwidth: 5MHz	**Channel**	CH 141500：707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	53.28	-43.87	-13.00	-30.87	1.00 V	350	66.14	-110.01
2	111.48	-49.10	-13.00	-36.10	1.00 V	213	63.74	-112.84
3	176.47	-57.84	-13.00	-44.84	1.50 V	106	53.33	-111.17
4	342.34	-64.61	-13.00	-51.61	1.00 V	137	43.97	-108.58
5	604.24	-61.89	-13.00	-48.89	2.00 V	217	40.55	-102.44
6	885.54	-58.19	-13.00	-45.19	1.50 V	2	40.02	-98.21

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



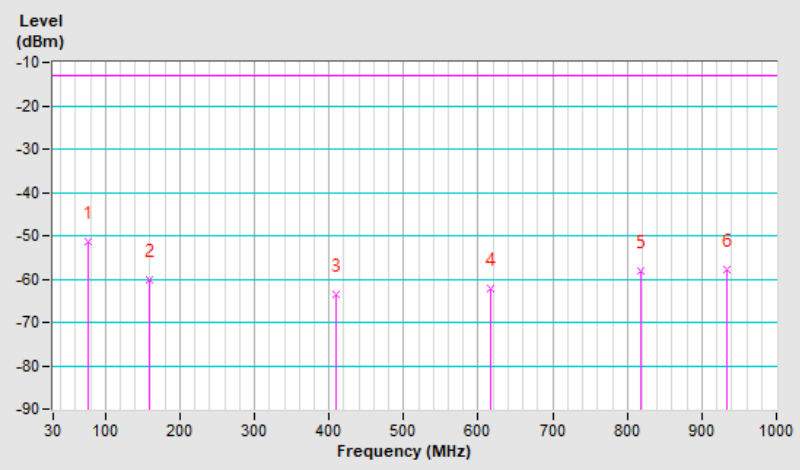
7.6.4 NR n14 SCS 15 kHz

RF Mode	NR n14 Channel Bandwidth: 5MHz	**Channel**	CH 159100：795.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	77.53	-51.29	-13.00	-38.29	2.00 H	23	62.90	-114.19
2	159.01	-60.23	-13.00	-47.23	1.00 H	198	49.77	-110.00
3	409.27	-63.51	-13.00	-50.51	1.50 H	136	43.33	-106.84
4	616.85	-62.09	-13.00	-49.09	1.00 H	215	39.96	-102.05
5	818.61	-58.15	-13.00	-45.15	2.00 H	150	40.16	-98.31
6	934.04	-57.74	-13.00	-44.74	2.00 H	100	40.11	-97.85

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

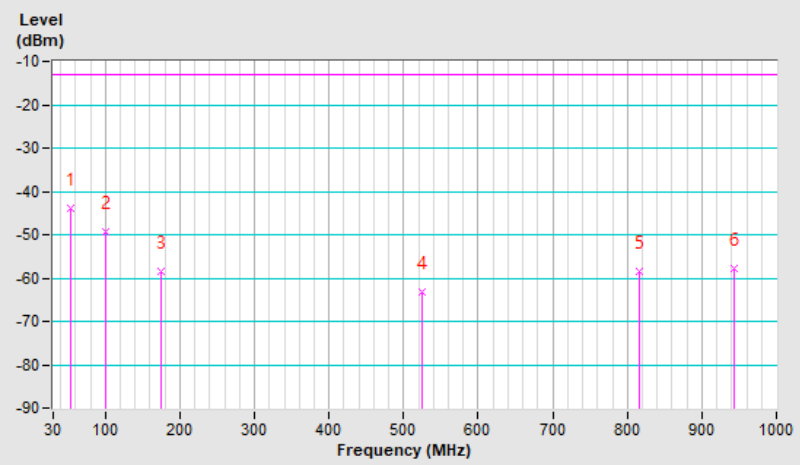


RF Mode	NR n14 Channel Bandwidth: 5MHz	**Channel**	CH 159100：795.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	53.28	-43.77	-13.00	-30.77	1.00 V	320	66.24	-110.01
2	100.81	-49.39	-13.00	-36.39	1.50 V	81	64.85	-114.24
3	175.50	-58.35	-13.00	-45.35	1.00 V	123	52.70	-111.05
4	524.70	-63.37	-13.00	-50.37	2.00 V	72	40.31	-103.68
5	816.67	-58.59	-13.00	-45.59	1.50 V	244	39.74	-98.33
6	942.77	-57.73	-13.00	-44.73	1.00 V	31	39.94	-97.67

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



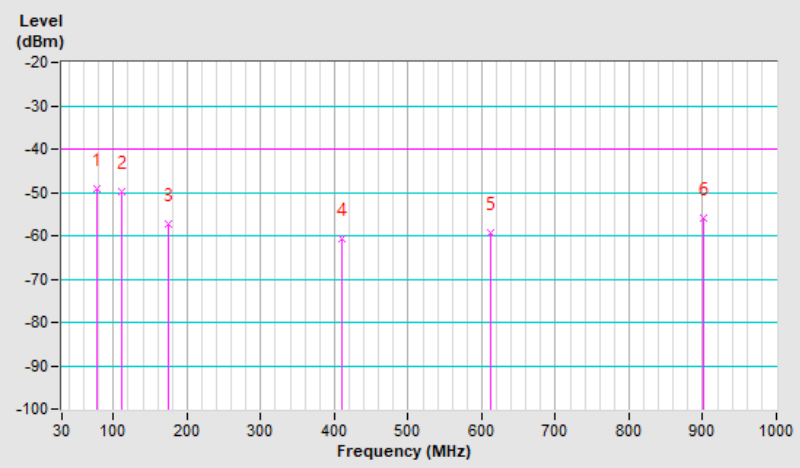
7.6.5 NR n30 SCS 15 kHz

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**	24°C, 64% RH
Tested By	Vincent Chen		

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	77.53	-49.04	-40.00	-9.04	2.00 H	2	63.00	-112.04
2	111.48	-49.76	-40.00	-9.76	1.00 H	212	60.93	-110.69
3	174.53	-57.25	-40.00	-17.25	1.50 H	253	51.55	-108.80
4	410.24	-60.79	-40.00	-20.79	1.00 H	216	43.87	-104.66
5	612.00	-59.23	-40.00	-19.23	2.00 H	173	40.83	-100.06
6	900.09	-55.88	-40.00	-15.88	1.50 H	133	40.17	-96.05

Remarks:

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

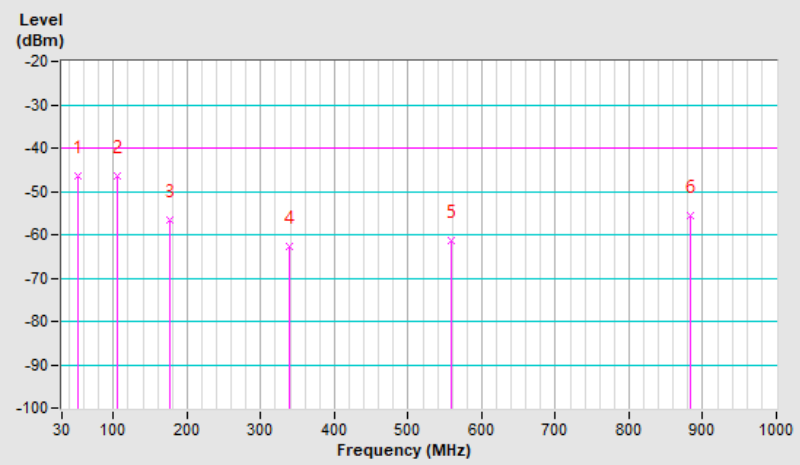


RF Mode	NR n30 Channel Bandwidth: 10MHz	**Channel**	CH 462000：2310 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	52.31	-46.59	-40.00	-6.59	1.00 V	40	61.19	-107.78
2	**105.66**	**-46.57**	**-40.00**	**-6.57**	**1.00 V**	**82**	**64.78**	**-111.35**
3	175.50	-56.59	-40.00	-16.59	1.50 V	101	52.31	-108.90
4	339.43	-62.83	-40.00	-22.83	1.00 V	136	43.60	-106.43
5	558.65	-61.52	-40.00	-21.52	2.00 V	285	39.85	-101.37
6	883.60	-55.72	-40.00	-15.72	1.50 V	341	40.36	-96.08

Remarks:

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



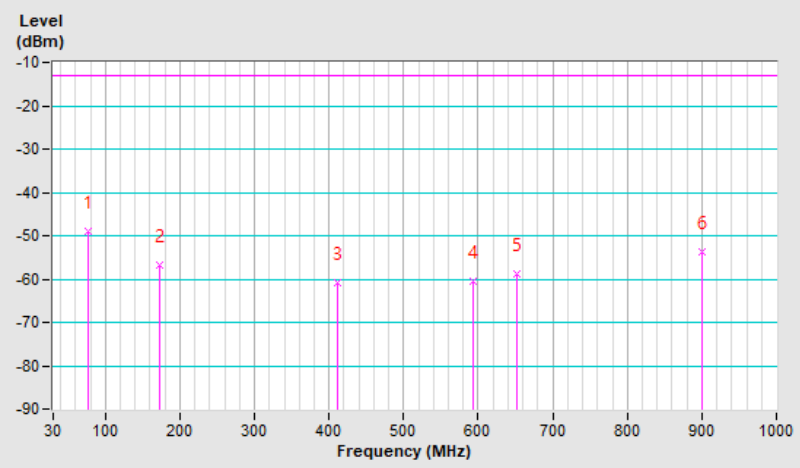
7.6.6 NR n66 SCS 15 kHz

RF Mode	NR n66 Channel Bandwidth: 40MHz	**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**	24°C, 64% RH
Tested By	Vincent Chen		

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	77.53	-49.08	-13.00	-36.08	2.00 H	27	62.96	-112.04
2	172.59	-56.83	-13.00	-43.83	1.00 H	251	51.81	-108.64
3	411.21	-60.78	-13.00	-47.78	1.50 H	161	43.86	-104.64
4	592.60	-60.59	-13.00	-47.59	1.00 H	18	39.94	-100.53
5	652.74	-58.90	-13.00	-45.90	2.00 H	13	40.37	-99.27
6	901.06	-53.68	-13.00	-40.68	1.00 H	346	42.34	-96.02

Remarks:

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

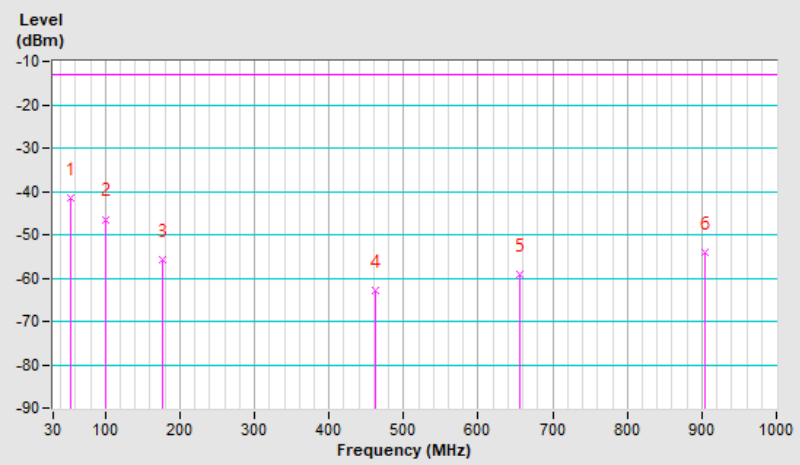


RF Mode	NR n66 Channel Bandwidth: 40MHz	**Channel**	CH 349000：1745 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	24°C, 64% RH
Tested By	Vincent Chen		

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	53.28	-41.40	-13.00	-28.40	1.00 V	2	66.46	-107.86
2	99.84	-46.44	-13.00	-33.44	1.00 V	81	65.79	-112.23
3	176.47	-55.74	-13.00	-42.74	1.50 V	105	53.28	-109.02
4	461.65	-62.83	-13.00	-49.83	1.00 V	183	40.29	-103.12
5	655.65	-59.03	-13.00	-46.03	2.00 V	6	40.21	-99.24
6	904.94	-53.96	-13.00	-40.96	2.00 V	300	41.96	-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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



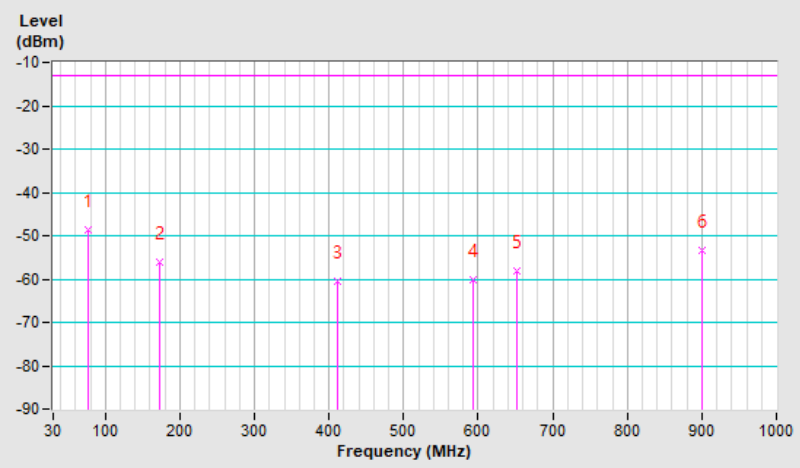
7.6.7 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) – MIMO

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**	23 °C, 67 % RH
Tested By	Adair Peng		

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	77.15	-48.80	-13.00	-35.80	2.00 H	115	59.20	-108.00
2	173.54	-56.00	-13.00	-43.00	1.00 H	244	48.20	-104.20
3	410.54	-60.40	-13.00	-47.40	1.00 H	154	39.70	-100.10
4	593.11	-60.10	-13.00	-47.10	1.00 H	115	36.30	-96.40
5	651.29	-58.00	-13.00	-45.00	1.50 H	58	37.30	-95.30
6	899.98	-53.50	-13.00	-40.50	1.00 H	241	37.20	-90.70

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

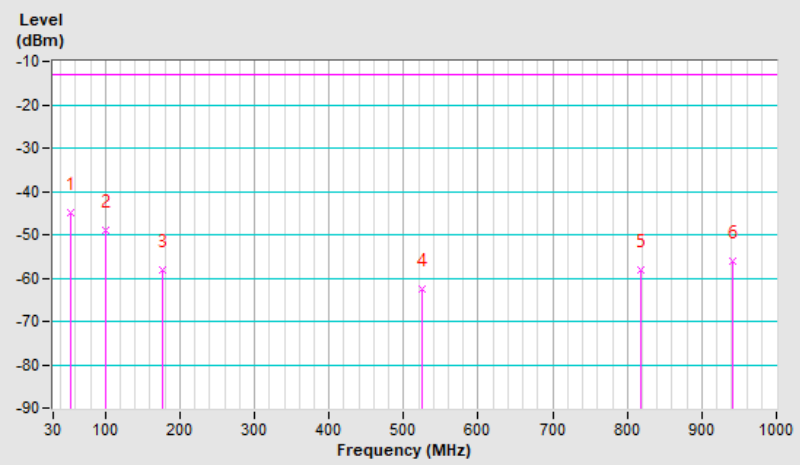


RF Mode	NR n77 Channel Bandwidth: 100MHz	**Channel**	CH 633334：3500.01 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	54.08	-44.90	-13.00	-31.90	1.00 V	338	59.70	-104.60
2	101.15	-49.00	-13.00	-36.00	1.50 V	111	59.30	-108.30
3	176.25	-58.00	-13.00	-45.00	1.00 V	98	46.50	-104.50
4	525.05	-62.40	-13.00	-49.40	2.00 V	135	35.50	-97.90
5	817.54	-58.00	-13.00	-45.00	1.00 V	119	34.20	-92.20
6	941.54	-56.20	-13.00	-43.20	1.00 V	165	33.80	-90.00

Remarks:

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



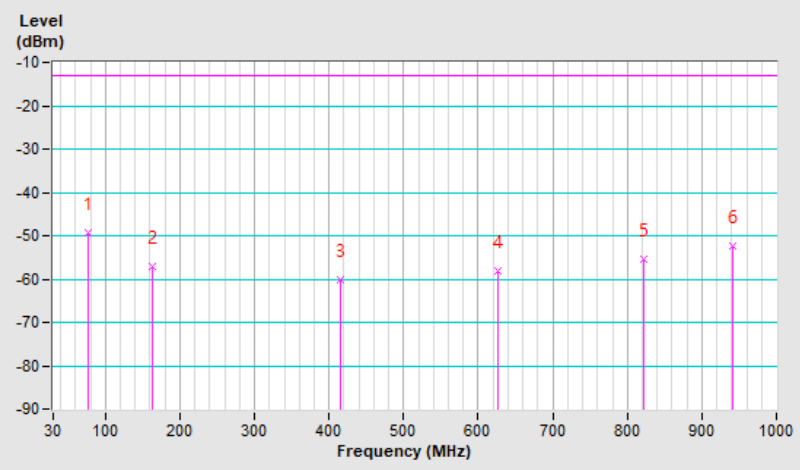
7.6.8 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) – MIMO

RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 665000：3975 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	77.41	-49.20	-13.00	-36.20	1.50 H	111	58.80	-108.00
2	162.41	-57.10	-13.00	-44.10	1.50 H	123	46.50	-103.60
3	415.25	-60.20	-13.00	-47.20	2.00 H	177	39.80	-100.00
4	626.22	-58.30	-13.00	-45.30	1.00 H	297	37.40	-95.70
5	822.54	-55.50	-13.00	-42.50	1.50 H	175	36.60	-92.10
6	940.55	-52.50	-13.00	-39.50	1.00 H	119	37.50	-90.00

Remarks:

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

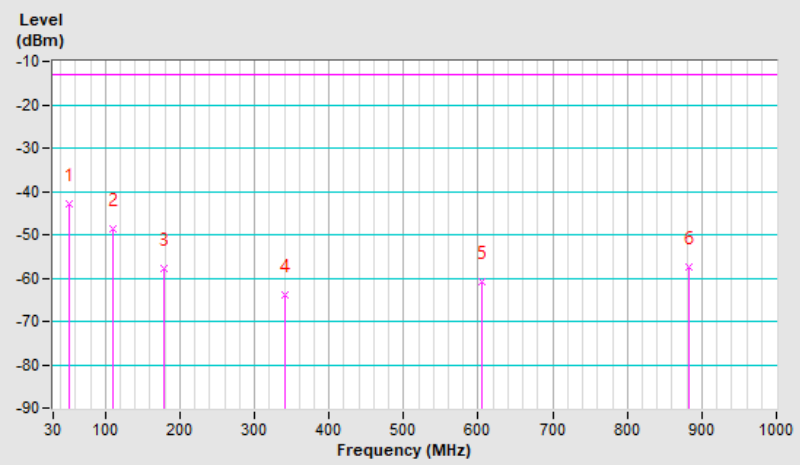


RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 665000：3975 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	**52.12**	**-42.80**	**-13.00**	**-29.80**	**1.00 V**	**335**	**61.50**	**-104.30**
2	110.54	-48.70	-13.00	-35.70	1.50 V	266	58.40	-107.10
3	179.54	-57.70	-13.00	-44.70	1.50 V	197	47.20	-104.90
4	341.22	-63.80	-13.00	-50.80	1.50 V	209	37.50	-101.30
5	605.27	-60.90	-13.00	-47.90	1.50 V	236	35.20	-96.10
6	882.33	-57.30	-13.00	-44.30	1.50 V	55	33.90	-91.20

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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



7.7 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**	23°C, 67% RH
Tested By	Rex Wang		

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	-46.81	-13.00	-33.81	3.66 H	268	46.76	-93.57
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	3705.00	-47.78	-13.00	-34.78	1.15 V	260	45.79	-93.57

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) + 20log(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**	23°C, 67% RH
Tested By	Rex Wang		

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	-46.90	-13.00	-33.90	3.65 H	267	46.95	-93.85
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	-47.80	-13.00	-34.80	1.18 V	262	46.05	-93.85

Remarks:

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

RF Mode	NR 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**	23°C, 67% RH
Tested By	Rex Wang		

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	-47.15	-13.00	-34.15	3.68 H	267	46.96	-94.11
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	-48.13	-13.00	-35.13	1.14 V	264	45.98	-94.11

Remarks:

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

RF Mode	NR n2 Channel Bandwidth: 20MHz	**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**	23°C, 67% RH
Tested By	Rex Wang		

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	-46.83	-13.00	-33.83	3.67 H	266	46.80	-93.63
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	-47.79	-13.00	-34.79	1.15 V	261	45.84	-93.63

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) + 20log(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**	23°C, 67% RH
Tested By	Rex Wang		

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	-46.75	-13.00	-33.75	3.68 H	269	47.10	-93.85
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	-47.75	-13.00	-34.75	1.15 V	260	46.10	-93.85

Remarks:

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

RF Mode	NR 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**	23°C, 67% RH
Tested By	Rex Wang		

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	-47.29	-13.00	-34.29	3.68 H	267	46.95	-94.24
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	-48.25	-13.00	-35.25	1.17 V	264	45.99	-94.24

Remarks:

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

7.7.2 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**	23°C, 67% RH
Tested By	Rex Wang		

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	-48.22	-13.00	-35.22	2.01 H	168	54.31	-102.53
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	-53.72	-13.00	-40.72	1.92 V	193	48.81	-102.53

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 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**	23°C, 67% RH
Tested By	Rex Wang		

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	-48.40	-13.00	-35.40	2.08 H	173	54.11	-102.51
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	-53.53	-13.00	-40.53	1.94 V	196	48.98	-102.51

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**	23°C, 67% RH
Tested By	Rex Wang		

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	-48.01	-13.00	-35.01	2.04 H	170	54.47	-102.48
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	-53.59	-13.00	-40.59	1.85 V	192	48.89	-102.48

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: 20MHz	**Channel**	CH 166800：834 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	-48.35	-13.00	-35.35	2.00 H	172	54.15	-102.50
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	-53.39	-13.00	-40.39	1.84 V	189	49.11	-102.50

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: 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**	23°C, 67% RH
Tested By	Rex Wang		

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	-48.20	-13.00	-35.20	2.05 H	171	54.31	-102.51
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	-53.60	-13.00	-40.60	1.94 V	192	48.91	-102.51

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: 20MHz	**Channel**	CH 167800：839 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	-48.34	-13.00	-35.34	2.07 H	172	54.16	-102.50
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	-53.63	-13.00	-40.63	1.92 V	196	48.87	-102.50

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.

7.7.3 NR n12 SCS 15 kHz

RF Mode	NR n12 Channel Bandwidth: 5MHz	**Channel**	CH 140300：701.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1403.00	-52.63	-13.00	-39.63	2.09 H	301	49.22	-101.85
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	1403.00	-55.01	-13.00	-42.01	3.20 V	13	46.84	-101.85

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 n12 Channel Bandwidth: 5MHz	**Channel**	CH 141500：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1415.00	-52.40	-13.00	-39.40	2.15 H	308	49.51	-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	1415.00	-55.14	-13.00	-42.14	3.18 V	11	46.77	-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 n12 Channel Bandwidth: 5MHz	**Channel**	CH 142700：713.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1427.00	-52.72	-13.00	-39.72	2.05 H	302	49.23	-101.95
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	1427.00	-55.12	-13.00	-42.12	3.21 V	9	46.83	-101.95

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 n12 Channel Bandwidth: 15MHz	**Channel**	CH 141300：706.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1413.00	-52.71	-13.00	-39.71	2.11 H	307	49.19	-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	1413.00	-55.28	-13.00	-42.28	3.14 V	12	46.62	-101.90

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 n12 Channel Bandwidth: 15MHz	**Channel**	CH 141500：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1415.00	-52.46	-13.00	-39.46	2.16 H	303	49.45	-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	1415.00	-55.37	-13.00	-42.37	3.17 V	8	46.54	-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 n12 Channel Bandwidth: 15MHz	**Channel**	CH 141700：708.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1417.00	-52.82	-13.00	-39.82	2.07 H	305	49.09	-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	1417.00	-55.17	-13.00	-42.17	3.11 V	11	46.74	-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) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.7.4 NR n14 SCS 15 kHz

RF Mode	NR n14 Channel Bandwidth: 5MHz	**Channel**	CH 158100：790.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1581.00	-49.94	-40.00	-9.94	1.48 H	167	50.38	-100.32
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	1581.00	-52.65	-40.00	-12.65	2.46 V	221	47.67	-100.32

Remarks:

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

RF Mode	NR n14 Channel Bandwidth: 5MHz	**Channel**	CH 158600：793 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1586.00	-50.22	-40.00	-10.22	1.45 H	166	50.13	-100.35
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	1586.00	-52.61	-40.00	-12.61	2.49 V	223	47.74	-100.35

Remarks:

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

RF Mode	NR n14 Channel Bandwidth: 5MHz	**Channel**	CH 159100：795.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1591.00	-49.89	-40.00	-9.89	1.49 H	163	50.47	-100.36
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	1591.00	-52.39	-40.00	-12.39	2.49 V	220	47.97	-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) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n14 Channel Bandwidth: 10MHz	**Channel**	CH 158600：793 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	1586.00	-50.26	-40.00	-10.26	1.42 H	171	50.09	-100.35
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	1586.00	-52.52	-40.00	-12.52	2.47 V	220	47.83	-100.35

Remarks:

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

7.7.5 NR n30 SCS 15 kHz

RF Mode	NR n30 Channel Bandwidth: 5MHz	**Channel**	CH 461500：2307.5 MHz
Frequency Range	1 GHz ~ 25 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	4615.00	-45.90	-40.00	-5.90	1.50 H	84	45.88	-91.78
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	4615.00	-46.23	-40.00	-6.23	1.02 V	100	45.55	-91.78

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

RF Mode	NR n30 Channel Bandwidth: 5MHz	**Channel**	CH 462000：2310 MHz
Frequency Range	1 GHz ~ 25 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	-45.83	-40.00	-5.83	1.52 H	84	45.95	-91.78
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	4620.00	-46.22	-40.00	-6.22	1.04 V	100	45.56	-91.78

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

RF Mode	NR n30 Channel Bandwidth: 5MHz	**Channel**	CH 462500：2312.5 MHz
Frequency Range	1 GHz ~ 25 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	4625.00	-45.82	-40.00	-5.82	1.44 H	88	45.96	-91.78
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	4625.00	-46.21	-40.00	-6.21	1.03 V	99	45.57	-91.78

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

RF Mode	NR n30 Channel Bandwidth: 10MHz	**Channel**	CH 462000：2310 MHz
Frequency Range	1 GHz ~ 25 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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**	**-45.80**	**-40.00**	**-5.80**	**1.45 H**	**83**	**45.98**	**-91.78**
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	4620.00	-46.19	-40.00	-6.19	1.00 V	99	45.59	-91.78

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) + 20log(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**	23°C, 67% RH
Tested By	Rex Wang		

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	-49.90	-13.00	-36.90	1.57 H	23	45.22	-95.12
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	-50.25	-13.00	-37.25	3.23 V	267	44.87	-95.12

Remarks:

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

RF Mode	NR 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**	23°C, 67% RH
Tested By	Rex Wang		

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	-49.27	-13.00	-36.27	1.58 H	22	45.28	-94.55
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	3490.00	-49.69	-13.00	-36.69	3.27 V	266	44.86	-94.55

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) + 20log(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**	23°C, 67% RH
Tested By	Rex Wang		

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	-49.37	-13.00	-36.37	1.56 H	25	45.06	-94.43
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	-49.58	-13.00	-36.58	3.24 V	265	44.85	-94.43

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(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**	23°C, 67% RH
Tested By	Rex Wang		

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	3460.00	-49.58	-13.00	-36.58	1.58 H	19	45.30	-94.88
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	3460.00	-50.20	-13.00	-37.20	3.22 V	264	44.68	-94.88

Remarks:

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

RF Mode	NR 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**	23°C, 67% RH
Tested By	Rex Wang		

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	-49.23	-13.00	-36.23	1.55 H	24	45.32	-94.55
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	3490.00	-49.67	-13.00	-36.67	3.24 V	268	44.88	-94.55

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) + 20log(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**	23°C, 67% RH
Tested By	Rex Wang		

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	3520.00	-49.36	-13.00	-36.36	1.52 H	23	45.08	-94.44
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	3520.00	-49.85	-13.00	-36.85	3.28 V	268	44.59	-94.44

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) + 20log(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: 40MHz	**Channel**	CH 346000：1730 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	-49.84	-13.00	-36.84	1.55 H	22	45.20	-95.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3440.00	-50.18	-13.00	-37.18	3.22 V	264	44.86	-95.04

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(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: 40MHz	**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**	23°C, 67% RH
Tested By	Rex Wang		

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	-49.30	-13.00	-36.30	1.58 H	23	45.25	-94.55
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	3490.00	-49.68	-13.00	-36.68	3.24 V	264	44.87	-94.55

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) + 20log(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: 40MHz	**Channel**	CH 352000：1760 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Rex Wang		

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	-49.24	-13.00	-36.24	1.55 H	28	45.18	-94.42
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	3540.00	-49.57	-13.00	-36.57	3.28 V	270	44.85	-94.42

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

7.7.7 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) – MIMO

RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 630334：3455.01 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	6910.02	-31.75	-13.00	-18.75	1.35 H	298	54.58	-86.33
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	6910.02	-32.20	-13.00	-19.20	1.64 V	232	54.13	-86.33

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 10MHz	**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**	23 °C, 67 % RH
Tested By	Adair Peng		

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	-31.06	-13.00	-18.06	1.40 H	302	54.75	-85.81
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7000.02	-31.82	-13.00	-18.82	1.58 V	230	53.99	-85.81

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(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: 10MHz	**Channel**	CH 636332：3544.98 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	7089.96	-30.76	-13.00	-17.76	1.40 H	299	54.93	-85.69
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	7089.96	-31.54	-13.00	-18.54	1.59 V	232	54.15	-85.69

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) + 20log(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: 50MHz	**Channel**	CH 631668：3475.021 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	6950.04	-31.25	-13.00	-18.25	1.35 H	301	54.84	-86.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	6950.04	-32.03	-13.00	-19.03	1.66 V	233	54.06	-86.09

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(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: 50MHz	**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**	23 °C, 67 % RH
Tested By	Adair Peng		

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	-31.19	-13.00	-18.19	1.39 H	302	54.62	-85.81
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7000.02	-31.92	-13.00	-18.92	1.56 V	229	53.89	-85.81

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(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: 50MHz	**Channel**	CH 635000：3525 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	-30.89	-13.00	-17.89	1.34 H	301	54.82	-85.71
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	-31.57	-13.00	-18.57	1.56 V	233	54.14	-85.71

Remarks:

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

RF Mode	NR 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**	23 °C, 67 % RH
Tested By	Adair Peng		

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	-31.19	-13.00	-18.19	1.31 H	296	54.62	-85.81
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7000.02	-31.82	-13.00	-18.82	1.58 V	227	53.99	-85.81

Remarks:

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

7.7.8 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) – MIMO

RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 647000：3705 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7410.00	-30.33	-13.00	-17.33	1.20 H	285	54.63	-84.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7410.00	-31.04	-13.00	-18.04	1.54 V	219	53.92	-84.96

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(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: 10MHz	**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**	23 °C, 67 % RH
Tested By	Adair Peng		

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	-30.90	-13.00	-17.90	1.30 H	290	54.36	-85.26
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	7680.00	-31.22	-13.00	-18.22	1.59 V	225	54.04	-85.26

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) + 20log(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: 10MHz	**Channel**	CH 665000：3975 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	**7950.00**	**-29.83**	**-13.00**	**-16.83**	**1.24 H**	**288**	**54.79**	**-84.62**
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	7950.00	-30.63	-13.00	-17.63	1.54 V	224	53.99	-84.62

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 648334：3725.01 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	7450.02	-30.24	-13.00	-17.24	1.23 H	286	54.47	-84.71
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	7450.02	-30.94	-13.00	-17.94	1.56 V	224	53.77	-84.71

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 50MHz	**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**	23 °C, 67 % RH
Tested By	Adair Peng		

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	-30.69	-13.00	-17.69	1.28 H	288	54.57	-85.26
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	7680.00	-31.34	-13.00	-18.34	1.63 V	225	53.92	-85.26

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) + 20log(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: 50MHz	**Channel**	CH 663666：3954.99 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23 °C, 67 % RH
Tested By	Adair Peng		

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	7909.98	-30.53	-13.00	-17.53	1.28 H	286	54.22	-84.75
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	7909.98	-30.83	-13.00	-17.83	1.61 V	221	53.92	-84.75

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) + 20log(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**	23 °C, 67 % RH
Tested By	Adair Peng		

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	-29.97	-13.00	-16.97	1.23 H	287	54.47	-84.44
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	7500.00	-30.67	-13.00	-17.67	1.55 V	219	53.77	-84.44

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) + 20log(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**	23 °C, 67 % RH
Tested By	Adair Peng		

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	-30.69	-13.00	-17.69	1.26 H	282	54.57	-85.26
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	7680.00	-31.34	-13.00	-18.34	1.54 V	220	53.92	-85.26

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) + 20log(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**	23 °C, 67 % RH
Tested By	Adair Peng		

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	-30.61	-13.00	-17.61	1.22 H	289	54.22	-84.83
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7860.00	-30.91	-13.00	-17.91	1.57 V	219	53.92	-84.83

Remarks:

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

7.8 Frequency Stability

Environmental Conditions:	25°C, 60% RH	Tested By:	Willy Cheng

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)
3.27	1852.499999	-0.0005	1907.499997	-0.0016
3.85	1852.499999	-0.0005	1907.499994	-0.0031
4.43	1852.500001	0.0005	1907.499999	-0.0005

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 370500 (1852.5 MHz)		CH 381500 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1852.500002	0.0011	1907.500004	0.0021
-20	1852.500004	0.0022	1907.500005	0.0026
-10	1852.499991	-0.0049	1907.499992	-0.0042
0	1852.499994	-0.0032	1907.499998	-0.001
10	1852.500006	0.0032	1907.500007	0.0037
20	1852.500009	0.0049	1907.500006	0.0031
30	1852.500007	0.0038	1907.500003	0.0016
40	1852.500005	0.0027	1907.500007	0.0037
50	1852.5	0	1907.499997	-0.0016
55	1852.500005	0.0027	1907.500002	0.001

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)
3.27	1854.999998	-0.0011	1905	0
3.85	1854.999997	-0.0016	1904.999999	-0.0005
4.43	1854.999998	-0.0011	1904.999998	-0.001

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 371000 (1855 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1855.00001	0.0054	1905.000005	0.0026
-20	1855.000009	0.0049	1905.000005	0.0026
-10	1854.999993	-0.0038	1904.999994	-0.0031
0	1854.99999	-0.0054	1904.99999	-0.0052
10	1855.000002	0.0011	1905.000002	0.001
20	1855.000005	0.0027	1905.000008	0.0042
30	1854.999992	-0.0043	1904.999992	-0.0042
40	1855.000001	0.0005	1905.000003	0.0016
50	1855.000008	0.0043	1905.00001	0.0052
55	1855.000003	0.0016	1904.999998	-0.001

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)
3.27	1857.499998	-0.0011	1902.500001	0.0005
3.85	1857.500003	0.0016	1902.500003	0.0016
4.43	1857.499992	-0.0043	1902.49999	-0.0053

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 371500 (1857.5 MHz)		CH 380500 (1902.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1857.499995	-0.0027	1902.499992	-0.0042
-20	1857.499997	-0.0016	1902.499992	-0.0042
-10	1857.500008	0.0043	1902.500005	0.0026
0	1857.500005	0.0027	1902.5	0
10	1857.49999	-0.0054	1902.499991	-0.0047
20	1857.499996	-0.0022	1902.499999	-0.0005
30	1857.499991	-0.0048	1902.499995	-0.0026
40	1857.500002	0.0011	1902.5	0
50	1857.499996	-0.0022	1902.499998	-0.0011
55	1857.499995	-0.0027	1902.499993	-0.0037

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)
3.27	1860.000002	0.0011	1900.000005	0.0026
3.85	1859.999994	-0.0032	1899.999994	-0.0032
4.43	1859.999994	-0.0032	1899.999998	-0.0011

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 372000 (1860 MHz)		CH 380000 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1859.999999	-0.0005	1900.000003	0.0016
-20	1860.000008	0.0043	1900.000007	0.0037
-10	1859.999991	-0.0048	1899.99999	-0.0053
0	1859.999993	-0.0038	1899.99999	-0.0053
10	1860.000004	0.0022	1900.000001	0.0005
20	1859.999999	-0.0005	1899.999997	-0.0016
30	1860.000003	0.0016	1900.000004	0.0021
40	1859.999991	-0.0048	1899.999991	-0.0047
50	1860.000009	0.0048	1900.000004	0.0021
55	1859.999995	-0.0027	1899.999995	-0.0026

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)
3.27	826.499994	-0.0073	846.499999	-0.0012
3.85	826.499993	-0.0085	846.499994	-0.0071
4.43	826.5	0	846.499996	-0.0047

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 165300 (826.5 MHz)		CH 169300 (846.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	826.499992	-0.0097	846.499994	-0.0071
-20	826.499993	-0.0085	846.49999	-0.0118
-10	826.499998	-0.0024	846.499995	-0.0059
0	826.500006	0.0073	846.500009	0.0106
10	826.500009	0.0109	846.500004	0.0047
20	826.5	0	846.500001	0.0012
30	826.500005	0.006	846.500003	0.0035
40	826.500002	0.0024	846.500003	0.0035
50	826.500008	0.0097	846.500006	0.0071
55	826.499997	-0.0036	846.499998	-0.0024

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)
3.27	829	0	843.999997	-0.0036
3.85	829.000007	0.0084	844.000007	0.0083
4.43	829.000008	0.0097	844.000005	0.0059

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 165800 (829 MHz)		CH 168800 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	828.999992	-0.0097	843.999995	-0.0059
-20	828.999991	-0.0109	843.999991	-0.0107
-10	829.000001	0.0012	843.999997	-0.0036
0	828.999994	-0.0072	843.999994	-0.0071
10	828.99999	-0.0121	843.999991	-0.0107
20	828.999995	-0.006	843.999997	-0.0036
30	828.999991	-0.0109	843.999992	-0.0095
40	828.999991	-0.0109	843.999995	-0.0059
50	829	0	843.999997	-0.0036
55	829.000002	0.0024	844	0

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)
3.27	831.5	0	841.500001	0.0012
3.85	831.500001	0.0012	841.500004	0.0048
4.43	831.499992	-0.0096	841.499991	-0.0107

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 166300 (831.5 MHz)		CH 168300 (841.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	831.500001	0.0012	841.500002	0.0024
-20	831.500005	0.006	841.500002	0.0024
-10	831.499992	-0.0096	841.499994	-0.0071
0	831.500004	0.0048	841.500002	0.0024
10	831.499999	-0.0012	841.500002	0.0024
20	831.50001	0.012	841.500009	0.0107
30	831.499997	-0.0036	841.499993	-0.0083
40	831.499994	-0.0072	841.499992	-0.0095
50	831.500003	0.0036	841.5	0
55	831.499993	-0.0084	841.499993	-0.0083

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)
3.27	833.999996	-0.0048	838.999994	-0.0072
3.85	833.999993	-0.0084	838.999995	-0.006
4.43	834	0	838.999996	-0.0048

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 166800 (834 MHz)		CH 167800 (839 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	833.999991	-0.0108	838.999993	-0.0083
-20	833.999999	-0.0012	839.000003	0.0036
-10	834.000003	0.0036	839.000003	0.0036
0	834.000005	0.006	839.00001	0.0119
10	834.000003	0.0036	839.000004	0.0048
20	833.999998	-0.0024	838.999997	-0.0036
30	834.000008	0.0096	839.000004	0.0048
40	833.999996	-0.0048	838.999999	-0.0012
50	833.999995	-0.006	838.999998	-0.0024
55	833.999996	-0.0048	838.999997	-0.0036

7.8.3 NR n12 SCS 15 kHz

NR n12 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 140300 (701.5 MHz)		CH 142700 (713.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	701.500007	0.01	713.500008	0.0112
3.85	701.500002	0.0029	713.500002	0.0028
4.43	701.500006	0.0086	713.500009	0.0126

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 140300 (701.5 MHz)		CH 142700 (713.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	701.499994	-0.0086	713.499998	-0.0028
-20	701.499992	-0.0114	713.49999	-0.014
-10	701.499997	-0.0043	713.499999	-0.0014
0	701.500004	0.0057	713.5	0
10	701.499993	-0.01	713.499991	-0.0126
20	701.500006	0.0086	713.500005	0.007
30	701.50001	0.0143	713.500008	0.0112
40	701.500008	0.0114	713.500003	0.0042
50	701.500006	0.0086	713.50001	0.014
55	701.500005	0.0071	713.500004	0.0056

NR n12 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 140800 (704 MHz)		CH 142200 (711 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	703.999995	-0.0071	710.999993	-0.0098
3.85	703.999995	-0.0071	710.999993	-0.0098
4.43	703.999991	-0.0128	710.999995	-0.007

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 140800 (704 MHz)		CH 142200 (711 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	703.999991	-0.0128	710.999992	-0.0113
-20	703.999993	-0.0099	710.999997	-0.0042
-10	703.999994	-0.0085	710.999992	-0.0113
0	703.999996	-0.0057	710.999992	-0.0113
10	704.000003	0.0043	711	0
20	704.000006	0.0085	711.000006	0.0084
30	703.999998	-0.0028	710.999995	-0.007
40	704.000001	0.0014	711	0
50	703.999994	-0.0085	710.999994	-0.0084
55	704.000003	0.0043	711.000001	0.0014

NR n12 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 141300 (706.5 MHz)		CH 141700 (708.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	706.499997	-0.0042	708.499993	-0.0099
3.85	706.500006	0.0085	708.500004	0.0056
4.43	706.500005	0.0071	708.5	0

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 141300 (706.5 MHz)		CH 141700 (708.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	706.499996	-0.0057	708.5	0
-20	706.499995	-0.0071	708.5	0
-10	706.499992	-0.0113	708.499993	-0.0099
0	706.499997	-0.0042	708.499998	-0.0028
10	706.499999	-0.0014	708.500002	0.0028
20	706.500005	0.0071	708.500002	0.0028
30	706.500002	0.0028	708.499998	-0.0028
40	706.499994	-0.0085	708.49999	-0.0141
50	706.499997	-0.0042	708.499996	-0.0056
55	706.500004	0.0057	708.5	0

7.8.4 NR n14 SCS 15 kHz

NR n14 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 158100 (790.5 MHz)		CH 159100 (795.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	790.499992	-0.0101	795.49999	-0.0126
3.85	790.5	0	795.499999	-0.0013
4.43	790.500009	0.0114	795.500007	0.0088

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 158100 (790.5 MHz)		CH 159100 (795.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	790.500002	0.0025	795.499997	-0.0038
-20	790.499998	-0.0025	795.499996	-0.005
-10	790.499991	-0.0114	795.499993	-0.0088
0	790.500007	0.0089	795.500007	0.0088
10	790.500008	0.0101	795.500009	0.0113
20	790.5	0	795.500001	0.0013
30	790.499994	-0.0076	795.499994	-0.0075
40	790.499999	-0.0013	795.500002	0.0025
50	790.500007	0.0089	795.500003	0.0038
55	790.499994	-0.0076	795.499994	-0.0075

NR n14 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 158600 (793 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.27	792.999997	-0.0038
3.85	792.999991	-0.0113
4.43	793.000004	0.005

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature		
Temperature (℃)	CH 158600 (793 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	793.000005	0.0063
-20	792.999993	-0.0088
-10	793.000009	0.0113
0	792.999991	-0.0113
10	792.999996	-0.005
20	793	0
30	793.000008	0.0101
40	792.999994	-0.0076
50	793.000009	0.0113
55	793.000003	0.0038

7.8.5 NR n30 SCS 15 kHz

NR n30 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 461500 (2307.5 MHz)		CH 462500 (2312.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	2307.499994	-0.0026	2312.499995	-0.0022
3.85	2307.500002	0.0009	2312.499998	-0.0009
4.43	2307.500006	0.0026	2312.500002	0.0009

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 461500 (2307.5 MHz)		CH 462500 (2312.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2307.500007	0.003	2312.500006	0.0026
-20	2307.500009	0.0039	2312.500005	0.0022
-10	2307.499991	-0.0039	2312.49999	-0.0043
0	2307.499996	-0.0017	2312.499999	-0.0004
10	2307.499994	-0.0026	2312.499996	-0.0017
20	2307.5	0	2312.499999	-0.0004
30	2307.500003	0.0013	2312.500008	0.0035
40	2307.499995	-0.0022	2312.499997	-0.0013
50	2307.499999	-0.0004	2312.5	0
55	2307.499991	-0.0039	2312.499996	-0.0017

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 462000 (2310 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.27	2310.000001	0.0004
3.85	2310.000001	0.0004
4.43	2309.999994	-0.0026

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature		
Temperature (℃)	CH 462000 (2310 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	2310.000002	0.0009
-20	2310.000004	0.0017
-10	2310.000007	0.003
0	2310.000003	0.0013
10	2309.999995	-0.0022
20	2310.000004	0.0017
30	2310.000004	0.0017
40	2310.000003	0.0013
50	2310.000005	0.0022
55	2309.999994	-0.0026

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)
3.27	1712.499997	-0.0018	1777.499997	-0.0017
3.85	1712.499991	-0.0053	1777.499995	-0.0028
4.43	1712.500004	0.0023	1777.500006	0.0034

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 342500 (1712.5 MHz)		CH 355500 (1777.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1712.500002	0.0012	1777.499998	-0.0011
-20	1712.499997	-0.0018	1777.499994	-0.0034
-10	1712.500008	0.0047	1777.500009	0.0051
0	1712.500002	0.0012	1777.500007	0.0039
10	1712.500001	0.0006	1777.500002	0.0011
20	1712.500008	0.0047	1777.500005	0.0028
30	1712.500005	0.0029	1777.500002	0.0011
40	1712.499995	-0.0029	1777.499998	-0.0011
50	1712.500009	0.0053	1777.500006	0.0034
55	1712.500004	0.0023	1777.5	0

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)
3.27	1715.000004	0.0023	1775.000001	0.0006
3.85	1715	0	1774.999995	-0.0028
4.43	1715	0	1775.000002	0.0011

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 343000 (1715 MHz)		CH 355000 (1775 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1715.000002	0.0012	1775.000007	0.0039
-20	1715.000003	0.0017	1774.999999	-0.0006
-10	1715.000005	0.0029	1775.00001	0.0056
0	1714.999992	-0.0047	1774.999997	-0.0017
10	1715.000001	0.0006	1775.000006	0.0034
20	1714.999993	-0.0041	1774.99999	-0.0056
30	1714.999997	-0.0017	1775	0
40	1715.000004	0.0023	1775.000002	0.0011
50	1714.999996	-0.0023	1775	0
55	1714.999991	-0.0052	1774.99999	-0.0056

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)
3.27	1717.500001	0.0006	1772.5	0
3.85	1717.50001	0.0058	1772.500009	0.0051
4.43	1717.500007	0.0041	1772.500007	0.0039

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 343500 (1717.5 MHz)		CH 354500 (1772.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1717.500006	0.0035	1772.50001	0.0056
-20	1717.499995	-0.0029	1772.499998	-0.0011
-10	1717.500005	0.0029	1772.500001	0.0006
0	1717.500007	0.0041	1772.500003	0.0017
10	1717.500006	0.0035	1772.500005	0.0028
20	1717.499997	-0.0017	1772.499992	-0.0045
30	1717.500006	0.0035	1772.500003	0.0017
40	1717.50001	0.0058	1772.500006	0.0034
50	1717.499996	-0.0023	1772.500001	0.0006
55	1717.500009	0.0052	1772.500009	0.0051

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)
3.27	1719.999995	-0.0029	1769.999994	-0.0034
3.85	1720.000003	0.0017	1770	0
4.43	1720.000001	0.0006	1769.999998	-0.0011

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 344000 (1720 MHz)		CH 354000 (1770 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1720.000002	0.0012	1770.000007	0.004
-20	1719.999994	-0.0035	1769.999999	-0.0006
-10	1720.000008	0.0047	1770.000007	0.004
0	1719.999997	-0.0017	1770	0
10	1720	0	1770.000002	0.0011
20	1720.000006	0.0035	1770.000008	0.0045
30	1720.000009	0.0052	1770.000007	0.004
40	1719.999996	-0.0023	1769.999998	-0.0011
50	1720.000005	0.0029	1770.000009	0.0051
55	1719.999998	-0.0012	1769.999993	-0.004

NR n66 SCS 15 kHz, Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 344500 (1722.5 MHz)		CH 353500 (1767.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	1722.500002	0.0012	1767.500006	0.0034
3.85	1722.5	0	1767.500001	0.0006
4.43	1722.50001	0.0058	1767.500007	0.004

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 344500 (1722.5 MHz)		CH 353500 (1767.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1722.500009	0.0052	1767.50001	0.0057
-20	1722.499999	-0.0006	1767.499999	-0.0006
-10	1722.499999	-0.0006	1767.499999	-0.0006
0	1722.499995	-0.0029	1767.499991	-0.0051
10	1722.499995	-0.0029	1767.499998	-0.0011
20	1722.499997	-0.0017	1767.499993	-0.004
30	1722.499998	-0.0012	1767.499998	-0.0011
40	1722.5	0	1767.499998	-0.0011
50	1722.500007	0.0041	1767.500006	0.0034
55	1722.499995	-0.0029	1767.499999	-0.0006

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)
3.27	1725.000007	0.0041	1765.000008	0.0045
3.85	1724.999991	-0.0052	1764.999994	-0.0034
4.43	1725.000003	0.0017	1765.000007	0.004

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 345000 (1725 MHz)		CH 353000 (1765 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1724.999993	-0.0041	1764.999996	-0.0023
-20	1725.000006	0.0035	1765.000007	0.004
-10	1724.999996	-0.0023	1764.999999	-0.0006
0	1724.999995	-0.0029	1764.999995	-0.0028
10	1725.000005	0.0029	1765.000004	0.0023
20	1725.000005	0.0029	1765.000005	0.0028
30	1725.000001	0.0006	1764.999996	-0.0023
40	1725.000006	0.0035	1765.000009	0.0051
50	1725.000003	0.0017	1765.000008	0.0045
55	1725.000009	0.0052	1765.000008	0.0045

NR n66 SCS 15 kHz, Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 346000 (1730 MHz)		CH 352000 (1760 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	1730.000006	0.0035	1760.000004	0.0023
3.85	1729.999998	-0.0012	1759.999996	-0.0023
4.43	1730.000001	0.0006	1760.000002	0.0011

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 346000 (1730 MHz)		CH 352000 (1760 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1730.000008	0.0046	1760.000006	0.0034
-20	1729.999996	-0.0023	1759.999996	-0.0023
-10	1730.000004	0.0023	1760.000005	0.0028
0	1729.999993	-0.004	1759.999993	-0.004
10	1730.000006	0.0035	1760.000003	0.0017
20	1730.000002	0.0012	1760.000002	0.0011
30	1729.999995	-0.0029	1759.999999	-0.0006
40	1729.999996	-0.0023	1759.999994	-0.0034
50	1729.999996	-0.0023	1759.999995	-0.0028
55	1729.999992	-0.0046	1759.999997	-0.0017

7.8.7 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) – MIMO (Chain 0)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630334 (3455.01 MHz)		CH 636332 (3544.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3455.009992	-0.0023	3544.979994	-0.0017
3.85	3455.010009	0.0026	3544.98001	0.0028
4.43	3455.009996	-0.0012	3544.979995	-0.0014

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 630334 (3455.01 MHz)		CH 636332 (3544.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3455.009994	-0.0017	3544.979996	-0.0011
-20	3455.010009	0.0026	3544.980006	0.0017
-10	3455.009994	-0.0017	3544.979995	-0.0014
0	3455.009993	-0.002	3544.979991	-0.0025
10	3455.01	0	3544.980002	0.0006
20	3455.009992	-0.0023	3544.979991	-0.0025
30	3455.009993	-0.002	3544.979997	-0.0008
40	3455.009998	-0.0006	3544.980001	0.0003
50	3455.010006	0.0017	3544.980004	0.0011
55	3455.01001	0.0029	3544.980008	0.0023

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630500 (3457.5 MHz)		CH 636166 (3542.49 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3457.499991	-0.0026	3542.489996	-0.0011
3.85	3457.499997	-0.0009	3542.489994	-0.0017
4.43	3457.500002	0.0006	3542.490002	0.0006

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 630500 (3457.5 MHz)		CH 636166 (3542.49 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3457.500009	0.0026	3542.490008	0.0023
-20	3457.500007	0.002	3542.490009	0.0025
-10	3457.500003	0.0009	3542.490007	0.002
0	3457.499994	-0.0017	3542.489994	-0.0017
10	3457.500008	0.0023	3542.490009	0.0025
20	3457.500006	0.0017	3542.490004	0.0011
30	3457.499994	-0.0017	3542.489996	-0.0011
40	3457.500006	0.0017	3542.490005	0.0014
50	3457.499994	-0.0017	3542.489992	-0.0023
55	3457.499999	-0.0003	3542.489996	-0.0011

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3460.020007	0.002	3540.000002	0.0006
3.85	3460.019991	-0.0026	3539.999996	-0.0011
4.43	3460.019992	-0.0023	3539.999992	-0.0023

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 630668 (3460.02 MHz)		CH 636000 (3540 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3460.020003	0.0009	3540.000006	0.0017
-20	3460.019998	-0.0006	3539.999999	-0.0003
-10	3460.020003	0.0009	3540.000007	0.002
0	3460.01999	-0.0029	3539.999993	-0.002
10	3460.020004	0.0012	3540.000004	0.0011
20	3460.019995	-0.0014	3539.999999	-0.0003
30	3460.020009	0.0026	3540.000007	0.002
40	3460.020007	0.002	3540.000005	0.0014
50	3460.019993	-0.002	3539.999996	-0.0011
55	3460.019992	-0.0023	3539.999993	-0.002

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630834 (3462.51 MHz)		CH 635832 (3537.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3462.510002	0.0006	3537.479998	-0.0006
3.85	3462.509995	-0.0014	3537.479995	-0.0014
4.43	3462.509991	-0.0026	3537.47999	-0.0028

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 630834 (3462.51 MHz)		CH 635832 (3537.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3462.509991	-0.0026	3537.479991	-0.0025
-20	3462.510007	0.002	3537.480005	0.0014
-10	3462.510007	0.002	3537.480003	0.0008
0	3462.510009	0.0026	3537.480007	0.002
10	3462.510009	0.0026	3537.480008	0.0023
20	3462.509992	-0.0023	3537.47999	-0.0028
30	3462.509998	-0.0006	3537.479996	-0.0011
40	3462.510001	0.0003	3537.480005	0.0014
50	3462.509993	-0.002	3537.479991	-0.0025
55	3462.509997	-0.0009	3537.48	0

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3464.999995	-0.0014	3534.989991	-0.0025
3.85	3465.000004	0.0012	3534.990007	0.002
4.43	3464.999998	-0.0006	3534.989998	-0.0006

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 631000 (3465 MHz)		CH 635666 (3534.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3465.000007	0.002	3534.990002	0.0006
-20	3465.000006	0.0017	3534.990005	0.0014
-10	3464.999997	-0.0009	3534.989995	-0.0014
0	3464.999996	-0.0012	3534.989995	-0.0014
10	3464.999992	-0.0023	3534.98999	-0.0028
20	3464.999998	-0.0006	3534.99	0
30	3464.999995	-0.0014	3534.989992	-0.0023
40	3465	0	3534.989998	-0.0006
50	3464.999998	-0.0006	3534.989995	-0.0014
55	3465.000004	0.0012	3534.990002	0.0006

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3470.010007	0.002	3529.98001	0.0028
3.85	3470.009999	-0.0003	3529.979996	-0.0011
4.43	3470.010003	0.0009	3529.980003	0.0008

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 631334 (3470.01 MHz)		CH 635332 (3529.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3470.009995	-0.0014	3529.979995	-0.0014
-20	3470.010005	0.0014	3529.980004	0.0011
-10	3470.009998	-0.0006	3529.979995	-0.0014
0	3470.009993	-0.002	3529.979995	-0.0014
10	3470.010007	0.002	3529.980003	0.0008
20	3470.010003	0.0009	3529.979998	-0.0006
30	3470.010002	0.0006	3529.979998	-0.0006
40	3470.009998	-0.0006	3529.979999	-0.0003
50	3470.009998	-0.0006	3529.979997	-0.0008
55	3470.009995	-0.0014	3529.979996	-0.0011

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 50 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631668 (3475.02 MHz)		CH 635000 (3525 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3475.020001	0.0003	3525.000006	0.0017
3.85	3475.020003	0.0009	3524.999999	-0.0003
4.43	3475.019995	-0.0014	3524.999992	-0.0023

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 631668 (3475.02 MHz)		CH 635000 (3525 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3475.019998	-0.0006	3525	0
-20	3475.020005	0.0014	3525.000002	0.0006
-10	3475.019994	-0.0017	3524.999993	-0.002
0	3475.020007	0.002	3525.000007	0.002
10	3475.019991	-0.0026	3524.999995	-0.0014
20	3475.019999	-0.0003	3525	0
30	3475.019998	-0.0006	3524.999993	-0.002
40	3475.020008	0.0023	3525.000003	0.0009
50	3475.02001	0.0029	3525.000008	0.0023
55	3475.020006	0.0017	3525.000006	0.0017

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3480.000007	0.002	3519.990005	0.0014
3.85	3480.000006	0.0017	3519.990004	0.0011
4.43	3480.000007	0.002	3519.990006	0.0017

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 632000 (3480 MHz)		CH 634666 (3519.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3479.999993	-0.002	3519.989993	-0.002
-20	3479.999994	-0.0017	3519.989996	-0.0011
-10	3479.999992	-0.0023	3519.98999	-0.0028
0	3480.00001	0.0029	3519.990009	0.0026
10	3479.999999	-0.0003	3519.990004	0.0011
20	3479.999999	-0.0003	3519.990001	0.0003
30	3480.000009	0.0026	3519.99001	0.0028
40	3480.000008	0.0023	3519.99001	0.0028
50	3480.000005	0.0014	3519.990002	0.0006
55	3479.99999	-0.0029	3519.989995	-0.0014

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 70 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632334 (3485.01 MHz)		CH 634332 (3514.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3485.010007	0.002	3514.980004	0.0011
3.85	3485.009993	-0.002	3514.979994	-0.0017
4.43	3485.01001	0.0029	3514.98001	0.0028

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 632334 (3485.01 MHz)		CH 634332 (3514.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3485.010001	0.0003	3514.980001	0.0003
-20	3485.010004	0.0011	3514.980007	0.002
-10	3485.009997	-0.0009	3514.979999	-0.0003
0	3485.010006	0.0017	3514.980002	0.0006
10	3485.009991	-0.0026	3514.979992	-0.0023
20	3485.010008	0.0023	3514.980006	0.0017
30	3485.010003	0.0009	3514.979998	-0.0006
40	3485.010008	0.0023	3514.98001	0.0028
50	3485.009997	-0.0009	3514.979997	-0.0009
55	3485.01	0	3514.98	0

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3490.020002	0.0006	3510	0
3.85	3490.019993	-0.002	3509.999991	-0.0026
4.43	3490.020008	0.0023	3510.000004	0.0011

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 632668 (3490.02 MHz)		CH 634000 (3510 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3490.019992	-0.0023	3509.999991	-0.0026
-20	3490.02	0	3510	0
-10	3490.019998	-0.0006	3510.000002	0.0006
0	3490.019993	-0.002	3509.999994	-0.0017
10	3490.019997	-0.0009	3509.999996	-0.0011
20	3490.020006	0.0017	3510.000004	0.0011
30	3490.019999	-0.0003	3510.000001	0.0003
40	3490.020008	0.0023	3510.000006	0.0017
50	3490.020001	0.0003	3509.999999	-0.0003
55	3490.019991	-0.0026	3509.999992	-0.0023

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 90 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 633000 (3495 MHz)		CH 633666 (3504.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3494.99999	-0.0029	3504.989995	-0.0014
3.85	3495.000001	0.0003	3504.989998	-0.0006
4.43	3495	0	3504.989997	-0.0009

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 633000 (3495 MHz)		CH 633666 (3504.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3494.999996	-0.0011	3504.989999	-0.0003
-20	3494.999996	-0.0011	3504.989996	-0.0011
-10	3494.999998	-0.0006	3504.990001	0.0003
0	3495.000004	0.0011	3504.99	0
10	3495.000001	0.0003	3504.989996	-0.0011
20	3495.000008	0.0023	3504.990004	0.0011
30	3494.999997	-0.0009	3504.989999	-0.0003
40	3494.999991	-0.0026	3504.989996	-0.0011
50	3494.999993	-0.002	3504.989994	-0.0017
55	3495	0	3504.989996	-0.0011

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 100 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.27	3500.009992	-0.0023
3.85	3500.010005	0.0014
4.43	3500.009992	-0.0023

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature		
Temperature (℃)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	3500.009994	-0.0017
-20	3500.009998	-0.0006
-10	3500.009994	-0.0017
0	3500.010006	0.0017
10	3500.010009	0.0026
20	3500.010009	0.0026
30	3500.010009	0.0026
40	3500.009991	-0.0026
50	3500.01	0
55	3500.010002	0.0006

7.8.8 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) – MIMO (Chain 1)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630334 (3455.01 MHz)		CH 636332 (3544.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3455.00999	-0.0029	3544.97999	-0.0028
3.85	3455.009999	-0.0003	3544.979997	-0.0008
4.43	3455.010001	0.0003	3544.980003	0.0008

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 630334 (3455.01 MHz)		CH 636332 (3544.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3455.009998	-0.0006	3544.979997	-0.0008
-20	3455.009993	-0.002	3544.979997	-0.0008
-10	3455.009998	-0.0006	3544.980001	0.0003
0	3455.009992	-0.0023	3544.979991	-0.0025
10	3455.01001	0.0029	3544.980008	0.0023
20	3455.009991	-0.0026	3544.979996	-0.0011
30	3455.009997	-0.0009	3544.979994	-0.0017
40	3455.010002	0.0006	3544.980002	0.0006
50	3455.010009	0.0026	3544.980008	0.0023
55	3455.009993	-0.002	3544.97999	-0.0028

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630500 (3457.5 MHz)		CH 636166 (3542.49 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3457.499993	-0.002	3542.489992	-0.0023
3.85	3457.499999	-0.0003	3542.490001	0.0003
4.43	3457.499993	-0.002	3542.48999	-0.0028

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 630500 (3457.5 MHz)		CH 636166 (3542.49 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3457.499997	-0.0009	3542.489998	-0.0006
-20	3457.499999	-0.0003	3542.489994	-0.0017
-10	3457.499996	-0.0012	3542.489998	-0.0006
0	3457.499991	-0.0026	3542.48999	-0.0028
10	3457.499997	-0.0009	3542.489993	-0.002
20	3457.500005	0.0014	3542.490009	0.0025
30	3457.500008	0.0023	3542.49001	0.0028
40	3457.500004	0.0012	3542.490005	0.0014
50	3457.500004	0.0012	3542.490002	0.0006
55	3457.500001	0.0003	3542.490001	0.0003

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3460.020007	0.002	3540.000008	0.0023
3.85	3460.020006	0.0017	3540.000004	0.0011
4.43	3460.020001	0.0003	3540	0

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 630668 (3460.02 MHz)		CH 636000 (3540 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3460.019992	-0.0023	3539.999995	-0.0014
-20	3460.020006	0.0017	3540.000003	0.0008
-10	3460.020005	0.0014	3540.000008	0.0023
0	3460.019992	-0.0023	3539.99999	-0.0028
10	3460.020004	0.0012	3540.000009	0.0025
20	3460.020005	0.0014	3540.000005	0.0014
30	3460.02001	0.0029	3540.000009	0.0025
40	3460.019998	-0.0006	3540.000002	0.0006
50	3460.020002	0.0006	3540.000006	0.0017
55	3460.020003	0.0009	3540.000005	0.0014

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630834 (3462.51 MHz)		CH 635832 (3537.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3462.509994	-0.0017	3537.479996	-0.0011
3.85	3462.510009	0.0026	3537.480009	0.0025
4.43	3462.509992	-0.0023	3537.479994	-0.0017

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 630834 (3462.51 MHz)		CH 635832 (3537.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3462.509992	-0.0023	3537.479993	-0.002
-20	3462.509999	-0.0003	3537.479998	-0.0006
-10	3462.510002	0.0006	3537.480006	0.0017
0	3462.509994	-0.0017	3537.479995	-0.0014
10	3462.509997	-0.0009	3537.479998	-0.0006
20	3462.50999	-0.0029	3537.479994	-0.0017
30	3462.51	0	3537.48	0
40	3462.509993	-0.002	3537.479993	-0.002
50	3462.510003	0.0009	3537.480006	0.0017
55	3462.510002	0.0006	3537.479999	-0.0003

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3464.999997	-0.0009	3534.989996	-0.0011
3.85	3464.999997	-0.0009	3534.989996	-0.0011
4.43	3465.000008	0.0023	3534.990003	0.0008

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 631000 (3465 MHz)		CH 635666 (3534.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3464.999993	-0.002	3534.989995	-0.0014
-20	3465.00001	0.0029	3534.99001	0.0028
-10	3464.999997	-0.0009	3534.989996	-0.0011
0	3464.999995	-0.0014	3534.989997	-0.0008
10	3464.99999	-0.0029	3534.989994	-0.0017
20	3465.000001	0.0003	3534.989998	-0.0006
30	3464.999995	-0.0014	3534.989997	-0.0008
40	3464.999994	-0.0017	3534.989992	-0.0023
50	3465.000001	0.0003	3534.990001	0.0003
55	3464.999993	-0.002	3534.989992	-0.0023

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3470.010008	0.0023	3529.980004	0.0011
3.85	3470.010002	0.0006	3529.980005	0.0014
4.43	3470.009998	-0.0006	3529.980001	0.0003

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 631334 (3470.01 MHz)		CH 635332 (3529.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3470.009997	-0.0009	3529.98	0
-20	3470.009994	-0.0017	3529.979996	-0.0011
-10	3470.009994	-0.0017	3529.979993	-0.002
0	3470.009996	-0.0012	3529.979997	-0.0008
10	3470.009996	-0.0012	3529.979998	-0.0006
20	3470.009999	-0.0003	3529.980003	0.0008
30	3470.00999	-0.0029	3529.979994	-0.0017
40	3470.009993	-0.002	3529.979993	-0.002
50	3470.010006	0.0017	3529.98001	0.0028
55	3470.010009	0.0026	3529.980005	0.0014

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 50 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631668 (3475.02 MHz)		CH 635000 (3525 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3475.020002	0.0006	3525.000002	0.0006
3.85	3475.019991	-0.0026	3524.999994	-0.0017
4.43	3475.020007	0.002	3525.000004	0.0011

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 631668 (3475.02 MHz)		CH 635000 (3525 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3475.019997	-0.0009	3524.999994	-0.0017
-20	3475.020005	0.0014	3525.000007	0.002
-10	3475.020004	0.0012	3525.000006	0.0017
0	3475.020005	0.0014	3525.000005	0.0014
10	3475.020002	0.0006	3525.000004	0.0011
20	3475.019991	-0.0026	3524.999992	-0.0023
30	3475.020001	0.0003	3525.000005	0.0014
40	3475.020003	0.0009	3525.000005	0.0014
50	3475.020001	0.0003	3524.999996	-0.0011
55	3475.020002	0.0006	3524.999999	-0.0003

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3479.999993	-0.002	3519.989996	-0.0011
3.85	3480.000002	0.0006	3519.990007	0.002
4.43	3480.000006	0.0017	3519.990007	0.002

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 632000 (3480 MHz)		CH 634666 (3519.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3480.000008	0.0023	3519.990004	0.0011
-20	3480.000005	0.0014	3519.990007	0.002
-10	3480	0	3519.99	0
0	3479.999991	-0.0026	3519.989992	-0.0023
10	3480.000009	0.0026	3519.990008	0.0023
20	3480.000009	0.0026	3519.990008	0.0023
30	3480.000005	0.0014	3519.99001	0.0028
40	3480.000005	0.0014	3519.990007	0.002
50	3480.000002	0.0006	3519.990006	0.0017
55	3480.000008	0.0023	3519.990006	0.0017

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 70 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632334 (3485.01 MHz)		CH 634332 (3514.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3485.00999	-0.0029	3514.979993	-0.002
3.85	3485.010007	0.002	3514.980004	0.0011
4.43	3485.010001	0.0003	3514.980003	0.0009

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 632334 (3485.01 MHz)		CH 634332 (3514.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3485.009993	-0.002	3514.979996	-0.0011
-20	3485.009997	-0.0009	3514.979999	-0.0003
-10	3485.009996	-0.0011	3514.979995	-0.0014
0	3485.010006	0.0017	3514.98001	0.0028
10	3485.010005	0.0014	3514.980004	0.0011
20	3485.009995	-0.0014	3514.979993	-0.002
30	3485.009995	-0.0014	3514.979993	-0.002
40	3485.009991	-0.0026	3514.979995	-0.0014
50	3485.009991	-0.0026	3514.979992	-0.0023
55	3485.009993	-0.002	3514.979997	-0.0009

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 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)
3.27	3490.019994	-0.0017	3509.999992	-0.0023
3.85	3490.019996	-0.0011	3509.999992	-0.0023
4.43	3490.020003	0.0009	3510	0

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 632668 (3490.02 MHz)		CH 634000 (3510 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3490.020006	0.0017	3510.000006	0.0017
-20	3490.019998	-0.0006	3509.999995	-0.0014
-10	3490.020001	0.0003	3510	0
0	3490.019994	-0.0017	3509.999994	-0.0017
10	3490.020003	0.0009	3510.000001	0.0003
20	3490.019997	-0.0009	3509.999993	-0.002
30	3490.020006	0.0017	3510.000004	0.0011
40	3490.020005	0.0014	3510	0
50	3490.019996	-0.0011	3510	0
55	3490.019995	-0.0014	3510	0

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 90 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 633000 (3495 MHz)		CH 633666 (3504.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3494.999992	-0.0023	3504.989993	-0.002
3.85	3494.999997	-0.0009	3504.989995	-0.0014
4.43	3494.999994	-0.0017	3504.989994	-0.0017

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 633000 (3495 MHz)		CH 633666 (3504.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3494.999999	-0.0003	3504.990003	0.0009
-20	3494.999997	-0.0009	3504.99	0
-10	3495.000008	0.0023	3504.990005	0.0014
0	3494.999993	-0.002	3504.989992	-0.0023
10	3495.000007	0.002	3504.990002	0.0006
20	3494.999994	-0.0017	3504.98999	-0.0029
30	3495.000004	0.0011	3504.990009	0.0026
40	3494.999997	-0.0009	3504.989999	-0.0003
50	3494.999998	-0.0006	3504.989996	-0.0011
55	3494.999991	-0.0026	3504.989993	-0.002

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 100 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.27	3500.010007	0.002
3.85	3500.010007	0.002
4.43	3500.010006	0.0017

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature		
Temperature (℃)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	3500.010008	0.0023
-20	3500.010003	0.0009
-10	3500.01	0
0	3500.010003	0.0009
10	3500.009994	-0.0017
20	3500.009999	-0.0003
30	3500.009999	-0.0003
40	3500.010005	0.0014
50	3500.010007	0.002
55	3500.010008	0.0023

7.8.9 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) – MIMO (Chain 0)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647000 (3705 MHz)		CH 665000 (3975 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3705.000005	0.0013	3975.000003	0.0008
3.85	3705.000002	0.0005	3975.000003	0.0008
4.43	3705.000008	0.0022	3975.000004	0.001

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647000 (3705 MHz)		CH 665000 (3975 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3705.000007	0.0019	3975.000005	0.0013
-20	3705.000002	0.0005	3975.000002	0.0005
-10	3704.999993	-0.0019	3974.999996	-0.001
0	3705.000007	0.0019	3975.000005	0.0013
10	3705.000006	0.0016	3975.00001	0.0025
20	3704.999993	-0.0019	3974.999994	-0.0015
30	3704.99999	-0.0027	3974.99999	-0.0025
40	3705	0	3974.999995	-0.0013
50	3704.999994	-0.0016	3974.999993	-0.0018
55	3705.00001	0.0027	3975.000009	0.0023

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647168 (3707.52 MHz)		CH 664832 (3972.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3707.520009	0.0024	3972.480008	0.002
3.85	3707.520005	0.0013	3972.480003	0.0008
4.43	3707.520005	0.0013	3972.48001	0.0025

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647168 (3707.52 MHz)		CH 664832 (3972.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3707.520007	0.0019	3972.480004	0.001
-20	3707.520008	0.0022	3972.480006	0.0015
-10	3707.519991	-0.0024	3972.479996	-0.001
0	3707.519995	-0.0013	3972.479995	-0.0013
10	3707.520006	0.0016	3972.480002	0.0005
20	3707.519995	-0.0013	3972.479993	-0.0018
30	3707.520005	0.0013	3972.480002	0.0005
40	3707.519992	-0.0022	3972.479994	-0.0015
50	3707.520004	0.0011	3972.480002	0.0005
55	3707.519999	-0.0003	3972.480002	0.0005

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647334 (3710.01 MHz)		CH 664666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3710.010009	0.0024	3969.990004	0.001
3.85	3710.009996	-0.0011	3969.989994	-0.0015
4.43	3710.009995	-0.0013	3969.989994	-0.0015

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647334 (3710.01 MHz)		CH 664666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3710.009991	-0.0024	3969.989993	-0.0018
-20	3710.010003	0.0008	3969.99	0
-10	3710.009993	-0.0019	3969.989993	-0.0018
0	3710.009995	-0.0013	3969.989993	-0.0018
10	3710.009993	-0.0019	3969.989994	-0.0015
20	3710.009994	-0.0016	3969.989997	-0.0008
30	3710.010005	0.0013	3969.990004	0.001
40	3710.009994	-0.0016	3969.989995	-0.0013
50	3710.009998	-0.0005	3969.989995	-0.0013
55	3710.01	0	3969.990002	0.0005

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647500 (3712.5 MHz)		CH 664500 (3967.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3712.499997	-0.0008	3967.499995	-0.0013
3.85	3712.499992	-0.0022	3967.499996	-0.001
4.43	3712.500006	0.0016	3967.500001	0.0003

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647500 (3712.5 MHz)		CH 664500 (3967.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3712.500001	0.0003	3967.500005	0.0013
-20	3712.500001	0.0003	3967.499996	-0.001
-10	3712.499997	-0.0008	3967.499998	-0.0005
0	3712.499997	-0.0008	3967.499995	-0.0013
10	3712.499994	-0.0016	3967.499994	-0.0015
20	3712.5	0	3967.500004	0.001
30	3712.500002	0.0005	3967.500005	0.0013
40	3712.500009	0.0024	3967.500005	0.0013
50	3712.499998	-0.0005	3967.500001	0.0003
55	3712.500007	0.0019	3967.500002	0.0005

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3715.02	0	3964.979996	-0.001
3.85	3715.020004	0.0011	3964.979999	-0.0003
4.43	3715.020003	0.0008	3964.980006	0.0015

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647668 (3715.02 MHz)		CH 664332 (3964.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3715.019998	-0.0005	3964.979998	-0.0005
-20	3715.019997	-0.0008	3964.980001	0.0003
-10	3715.020007	0.0019	3964.980006	0.0015
0	3715.020009	0.0024	3964.98001	0.0025
10	3715.02	0	3964.980001	0.0003
20	3715.019995	-0.0013	3964.979997	-0.0008
30	3715.019999	-0.0003	3964.980002	0.0005
40	3715.020007	0.0019	3964.980002	0.0005
50	3715.019994	-0.0016	3964.979997	-0.0008
55	3715.019997	-0.0008	3964.979993	-0.0018

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3720.00001	0.0027	3960.000008	0.002
3.85	3720.000006	0.0016	3960.000002	0.0005
4.43	3719.999995	-0.0013	3959.999999	-0.0003

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3720.000008	0.0022	3960.00001	0.0025
-20	3719.999998	-0.0005	3960.000002	0.0005
-10	3719.999997	-0.0008	3959.999998	-0.0005
0	3720.000008	0.0022	3960.000008	0.002
10	3720.000007	0.0019	3960.000008	0.002
20	3720.000003	0.0008	3960	0
30	3720.000009	0.0024	3960.000006	0.0015
40	3719.999992	-0.0022	3959.999996	-0.001
50	3720.000009	0.0024	3960.000008	0.002
55	3720	0	3959.999999	-0.0003

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 50 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648334 (3725.01 MHz)		CH 663666 (3954.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3725.010003	0.0008	3954.990005	0.0013
3.85	3725.00999	-0.0027	3954.989992	-0.002
4.43	3725.010003	0.0008	3954.990006	0.0015

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648334 (3725.01 MHz)		CH 663666 (3954.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3725.010004	0.0011	3954.990002	0.0005
-20	3725.010002	0.0005	3954.990006	0.0015
-10	3725.009997	-0.0008	3954.989999	-0.0003
0	3725.010002	0.0005	3954.990001	0.0003
10	3725.00999	-0.0027	3954.989991	-0.0023
20	3725.009993	-0.0019	3954.98999	-0.0025
30	3725.010009	0.0024	3954.990008	0.002
40	3725.010006	0.0016	3954.990009	0.0023
50	3725.009992	-0.0021	3954.989995	-0.0013
55	3725.009991	-0.0024	3954.989994	-0.0015

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3730.019992	-0.0021	3949.979997	-0.0008
3.85	3730.020003	0.0008	3949.980001	0.0003
4.43	3730.019997	-0.0008	3949.979999	-0.0003

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648668 (3730.02 MHz)		CH 663332 (3949.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3730.019996	-0.0011	3949.979995	-0.0013
-20	3730.020003	0.0008	3949.980006	0.0015
-10	3730.019995	-0.0013	3949.979995	-0.0013
0	3730.019995	-0.0013	3949.98	0
10	3730.02	0	3949.980004	0.001
20	3730.020008	0.0021	3949.980008	0.002
30	3730.019992	-0.0021	3949.979991	-0.0023
40	3730.019993	-0.0019	3949.979991	-0.0023
50	3730.020005	0.0013	3949.980003	0.0008
55	3730.019999	-0.0003	3949.979998	-0.0005

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 70 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 649000 (3735 MHz)		CH 663000 (3945 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3735.000004	0.0011	3945.000005	0.0013
3.85	3734.999992	-0.0021	3944.999992	-0.002
4.43	3735.00001	0.0027	3945.000008	0.002

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 649000 (3735 MHz)		CH 663000 (3945 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3734.999996	-0.0011	3944.999997	-0.0008
-20	3734.99999	-0.0027	3944.999993	-0.0018
-10	3735.000009	0.0024	3945.000008	0.002
0	3734.999996	-0.0011	3945	0
10	3735.000008	0.0021	3945.000008	0.002
20	3735.000008	0.0021	3945.000003	0.0008
30	3734.999994	-0.0016	3944.999999	-0.0003
40	3735.000002	0.0005	3945.000005	0.0013
50	3735.000005	0.0013	3945.000007	0.0018
55	3735.000007	0.0019	3945.000005	0.0013

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3740.009998	-0.0005	3939.989998	-0.0005
3.85	3740.009993	-0.0019	3939.989992	-0.002
4.43	3740.009997	-0.0008	3939.989999	-0.0003

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 649334 (3740.01 MHz)		CH 662666 (3939.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3740.010005	0.0013	3939.990008	0.002
-20	3740.010003	0.0008	3939.989999	-0.0003
-10	3740.009998	-0.0005	3939.989996	-0.001
0	3740.010009	0.0024	3939.99001	0.0025
10	3740.010003	0.0008	3939.989999	-0.0003
20	3740.010002	0.0005	3939.990004	0.001
30	3740.010009	0.0024	3939.990007	0.0018
40	3740.010009	0.0024	3939.990006	0.0015
50	3740.010004	0.0011	3939.990006	0.0015
55	3740.009995	-0.0013	3939.989994	-0.0015

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 90 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 649668 (3745.02 MHz)		CH 662332 (3934.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3745.020003	0.0008	3934.98	0
3.85	3745.020001	0.0003	3934.979998	-0.0005
4.43	3745.020002	0.0005	3934.980007	0.0018

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 649668 (3745.02 MHz)		CH 662332 (3934.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3745.019999	-0.0003	3934.980004	0.001
-20	3745.019994	-0.0016	3934.97999	-0.0025
-10	3745.019998	-0.0005	3934.979994	-0.0015
0	3745.020001	0.0003	3934.979998	-0.0005
10	3745.019998	-0.0005	3934.979998	-0.0005
20	3745.019999	-0.0003	3934.980001	0.0003
30	3745.01999	-0.0027	3934.979992	-0.002
40	3745.020003	0.0008	3934.979999	-0.0003
50	3745.01999	-0.0027	3934.979991	-0.0023
55	3745.020002	0.0005	3934.979999	-0.0003

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3749.999997	-0.0008	3929.999999	-0.0003
3.85	3750.000008	0.0021	3930.00001	0.0025
4.43	3749.999996	-0.0011	3929.999993	-0.0018

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 650000 (3750 MHz)		CH 662000 (3930 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3749.999994	-0.0016	3929.999991	-0.0023
-20	3749.999995	-0.0013	3930	0
-10	3749.999992	-0.0021	3929.99999	-0.0025
0	3750.000001	0.0003	3929.999997	-0.0008
10	3749.999991	-0.0024	3929.99999	-0.0025
20	3749.999994	-0.0016	3929.999991	-0.0023
30	3749.999992	-0.0021	3929.999993	-0.0018
40	3749.999992	-0.0021	3929.999994	-0.0015
50	3750.000003	0.0008	3930.000004	0.001
55	3749.999997	-0.0008	3930	0

7.8.10 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) – MIMO (Chain 1)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647000 (3705 MHz)		CH 665000 (3975 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3705.000005	0.0013	3975.000002	0.0005
3.85	3705	0	3974.999999	-0.0003
4.43	3704.999991	-0.0024	3974.999993	-0.0018

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647000 (3705 MHz)		CH 665000 (3975 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3705.000005	0.0013	3975.000001	0.0003
-20	3705.000004	0.0011	3975.000007	0.0018
-10	3704.999991	-0.0024	3974.999995	-0.0013
0	3705.000008	0.0022	3975.00001	0.0025
10	3704.999998	-0.0005	3975.000002	0.0005
20	3704.999997	-0.0008	3974.999995	-0.0013
30	3705.000007	0.0019	3975.000007	0.0018
40	3705.000007	0.0019	3975.000008	0.002
50	3705.000003	0.0008	3975	0
55	3705.000003	0.0008	3975.000007	0.0018

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647168 (3707.52 MHz)		CH 664832 (3972.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3707.520005	0.0013	3972.480001	0.0003
3.85	3707.519991	-0.0024	3972.479991	-0.0023
4.43	3707.520008	0.0022	3972.480007	0.0018

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647168 (3707.52 MHz)		CH 664832 (3972.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3707.519995	-0.0013	3972.479992	-0.002
-20	3707.519998	-0.0005	3972.48	0
-10	3707.52001	0.0027	3972.480009	0.0023
0	3707.519993	-0.0019	3972.479992	-0.002
10	3707.520006	0.0016	3972.480008	0.002
20	3707.519995	-0.0013	3972.479993	-0.0018
30	3707.520009	0.0024	3972.480007	0.0018
40	3707.519999	-0.0003	3972.48	0
50	3707.519998	-0.0005	3972.480003	0.0008
55	3707.519993	-0.0019	3972.479994	-0.0015

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647334 (3710.01 MHz)		CH 664666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3710.010001	0.0003	3969.990002	0.0005
3.85	3710.009991	-0.0024	3969.989995	-0.0013
4.43	3710.010009	0.0024	3969.990006	0.0015

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647334 (3710.01 MHz)		CH 664666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3710.009993	-0.0019	3969.989993	-0.0018
-20	3710.010001	0.0003	3969.990002	0.0005
-10	3710.009999	-0.0003	3969.990003	0.0008
0	3710.009994	-0.0016	3969.98999	-0.0025
10	3710.010005	0.0013	3969.990004	0.001
20	3710.009999	-0.0003	3969.990003	0.0008
30	3710.009998	-0.0005	3969.989998	-0.0005
40	3710.010005	0.0013	3969.990007	0.0018
50	3710.009997	-0.0008	3969.989998	-0.0005
55	3710.009992	-0.0022	3969.989994	-0.0015

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647500 (3712.5 MHz)		CH 664500 (3967.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3712.499991	-0.0024	3967.499992	-0.002
3.85	3712.500009	0.0024	3967.50001	0.0025
4.43	3712.49999	-0.0027	3967.499995	-0.0013

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647500 (3712.5 MHz)		CH 664500 (3967.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3712.499997	-0.0008	3967.499998	-0.0005
-20	3712.499999	-0.0003	3967.500002	0.0005
-10	3712.5	0	3967.500004	0.001
0	3712.500002	0.0005	3967.500005	0.0013
10	3712.500009	0.0024	3967.500004	0.001
20	3712.499998	-0.0005	3967.5	0
30	3712.500007	0.0019	3967.500009	0.0023
40	3712.50001	0.0027	3967.500005	0.0013
50	3712.500003	0.0008	3967.500006	0.0015
55	3712.499993	-0.0019	3967.499991	-0.0023

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3715.019997	-0.0008	3964.980002	0.0005
3.85	3715.020007	0.0019	3964.980008	0.002
4.43	3715.020009	0.0024	3964.980006	0.0015

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647668 (3715.02 MHz)		CH 664332 (3964.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3715.020008	0.0022	3964.980005	0.0013
-20	3715.020005	0.0013	3964.980007	0.0018
-10	3715.019991	-0.0024	3964.979995	-0.0013
0	3715.020008	0.0022	3964.980004	0.001
10	3715.020006	0.0016	3964.980005	0.0013
20	3715.019997	-0.0008	3964.980002	0.0005
30	3715.020005	0.0013	3964.980002	0.0005
40	3715.02001	0.0027	3964.98001	0.0025
50	3715.019995	-0.0013	3964.979999	-0.0003
55	3715.020009	0.0024	3964.980009	0.0023

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3719.999998	-0.0005	3959.999999	-0.0003
3.85	3719.999993	-0.0019	3959.999993	-0.0018
4.43	3719.999993	-0.0019	3959.999994	-0.0015

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3720.000009	0.0024	3960.000006	0.0015
-20	3720.000009	0.0024	3960.000007	0.0018
-10	3719.999993	-0.0019	3959.99999	-0.0025
0	3720	0	3959.999999	-0.0003
10	3720.000003	0.0008	3960.000008	0.002
20	3719.99999	-0.0027	3959.999994	-0.0015
30	3720.000003	0.0008	3959.999999	-0.0003
40	3720.000005	0.0013	3960.000003	0.0008
50	3720.000002	0.0005	3959.999999	-0.0003
55	3719.999997	-0.0008	3959.999999	-0.0003

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 50 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648334 (3725.01 MHz)		CH 663666 (3954.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3725.010007	0.0019	3954.990009	0.0023
3.85	3725.009996	-0.0011	3954.989993	-0.0018
4.43	3725.009994	-0.0016	3954.989991	-0.0023

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648334 (3725.01 MHz)		CH 663666 (3954.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3725.009995	-0.0013	3954.99	0
-20	3725.010007	0.0019	3954.990006	0.0015
-10	3725.009991	-0.0024	3954.989994	-0.0015
0	3725.009992	-0.0021	3954.989996	-0.001
10	3725.009991	-0.0024	3954.989991	-0.0023
20	3725.009992	-0.0021	3954.989994	-0.0015
30	3725.009998	-0.0005	3954.989996	-0.001
40	3725.009992	-0.0021	3954.989992	-0.002
50	3725.010001	0.0003	3954.99	0
55	3725.010003	0.0008	3954.990007	0.0018

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3730.02	0	3949.98	0
3.85	3730.019995	-0.0013	3949.97999	-0.0025
4.43	3730.020001	0.0003	3949.980006	0.0015

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648668 (3730.02 MHz)		CH 663332 (3949.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3730.019994	-0.0016	3949.979994	-0.0015
-20	3730.019992	-0.0021	3949.979992	-0.002
-10	3730.019994	-0.0016	3949.979992	-0.002
0	3730.020005	0.0013	3949.980005	0.0013
10	3730.02	0	3949.979999	-0.0003
20	3730.020004	0.0011	3949.980006	0.0015
30	3730.019992	-0.0021	3949.979992	-0.002
40	3730.02001	0.0027	3949.980006	0.0015
50	3730.019991	-0.0024	3949.97999	-0.0025
55	3730.020002	0.0005	3949.979997	-0.0008

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 70 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 649000 (3735 MHz)		CH 663000 (3945 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3734.999991	-0.0024	3944.999994	-0.0015
3.85	3734.999996	-0.0011	3945	0
4.43	3734.999994	-0.0016	3944.999994	-0.0015

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 649000 (3735 MHz)		CH 663000 (3945 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3735.000009	0.0024	3945.000007	0.0018
-20	3734.999994	-0.0016	3944.999999	-0.0003
-10	3735.000002	0.0005	3945.000005	0.0013
0	3735.000006	0.0016	3945.000008	0.002
10	3735.000007	0.0019	3945.000008	0.002
20	3734.999998	-0.0005	3944.999999	-0.0003
30	3734.999993	-0.0019	3944.999992	-0.002
40	3734.999998	-0.0005	3945	0
50	3735.000005	0.0013	3945.000008	0.002
55	3735.000003	0.0008	3944.999999	-0.0003

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3740.009998	-0.0005	3939.989996	-0.001
3.85	3740.010009	0.0024	3939.99001	0.0025
4.43	3740.010003	0.0008	3939.989999	-0.0003

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 649334 (3740.01 MHz)		CH 662666 (3939.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3740.010002	0.0005	3939.990004	0.001
-20	3740.010009	0.0024	3939.990006	0.0015
-10	3740.010001	0.0003	3939.990004	0.001
0	3740.010002	0.0005	3939.99	0
10	3740.010007	0.0019	3939.990005	0.0013
20	3740.009995	-0.0013	3939.989998	-0.0005
30	3740.009999	-0.0003	3939.990002	0.0005
40	3740.01	0	3939.990001	0.0003
50	3740.009992	-0.0021	3939.989993	-0.0018
55	3740.010006	0.0016	3939.990008	0.002

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 90 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 649668 (3745.02 MHz)		CH 662332 (3934.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.27	3745.019996	-0.0011	3934.979993	-0.0018
3.85	3745.020004	0.0011	3934.98	0
4.43	3745.020001	0.0003	3934.98	0

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 649668 (3745.02 MHz)		CH 662332 (3934.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3745.019997	-0.0008	3934.979998	-0.0005
-20	3745.020008	0.0021	3934.980005	0.0013
-10	3745.020002	0.0005	3934.980001	0.0003
0	3745.020001	0.0003	3934.980006	0.0015
10	3745.020008	0.0021	3934.980008	0.002
20	3745.02	0	3934.979996	-0.001
30	3745.02	0	3934.980001	0.0003
40	3745.020005	0.0013	3934.980006	0.0015
50	3745.019994	-0.0016	3934.979992	-0.002
55	3745.019997	-0.0008	3934.979995	-0.0013

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 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)
3.27	3749.999998	-0.0005	3930.000002	0.0005
3.85	3749.99999	-0.0027	3929.999994	-0.0015
4.43	3750.000009	0.0024	3930.000007	0.0018

Note: The applicant defined the normal working voltage is from 3.27 to 4.43 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 650000 (3750 MHz)		CH 662000 (3930 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3749.999997	-0.0008	3929.999996	-0.001
-20	3749.999995	-0.0013	3929.999997	-0.0008
-10	3749.99999	-0.0027	3929.999994	-0.0015
0	3750.000001	0.0003	3929.999998	-0.0005
10	3749.999995	-0.0013	3929.999996	-0.001
20	3749.999994	-0.0016	3929.999992	-0.002
30	3750.000001	0.0003	3930.000001	0.0003
40	3749.999993	-0.0019	3929.999992	-0.002
50	3750.000008	0.0021	3930.000005	0.0013
55	3750.000002	0.0005	3930.000005	0.0013

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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