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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-51.69	-13.00	-38.69	1.21 H	111	46.05	-97.74
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-50.69	-13.00	-37.69	1.54 V	196	47.05	-97.74

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-50.55	-13.00	-37.55	1.04 H	144	45.89	-96.44
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7950.00	-49.61	-13.00	-36.61	1.67 V	201	46.83	-96.44

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-51.66	-13.00	-38.66	1.23 H	147	45.65	-97.31
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	-50.64	-13.00	-37.64	1.51 V	203	46.67	-97.31

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-52.21	-13.00	-39.21	1.24 H	144	45.53	-97.74
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-50.90	-13.00	-37.90	1.63 V	211	46.84	-97.74

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-50.60	-13.00	-37.60	1.18 H	207	46.04	-96.64
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	-49.87	-13.00	-36.87	1.57 V	219	46.77	-96.64

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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-51.63	-13.00	-38.63	1.06 H	24	45.84	-97.47
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	-50.50	-13.00	-37.50	1.68 V	207	46.97	-97.47

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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-52.27	-13.00	-39.27	1.18 H	104	45.47	-97.74
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-50.50	-13.00	-37.50	1.54 V	194	47.24	-97.74

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-50.84	-13.00	-37.84	1.52 H	332	46.07	-96.91
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	-49.92	-13.00	-36.92	1.43 V	202	46.99	-96.91

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.

Without shielding case (only MCU, PMIC, Crystal, EMMC component)

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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-51.23	-13.00	-38.23	2.34 H	147	46.43	-97.66
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	-49.41	-13.00	-36.41	1.25 V	181	48.25	-97.66

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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-51.27	-13.00	-38.27	2.32 H	142	46.47	-97.74
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-49.42	-13.00	-36.42	1.27 V	220	48.32	-97.74

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-49.95	-13.00	-36.95	2.35 H	127	46.49	-96.44
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7950.00	-48.15	-13.00	-35.15	1.17 V	165	48.29	-96.44

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-50.83	-13.00	-37.83	2.35 H	122	46.48	-97.31
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	-49.04	-13.00	-36.04	1.14 V	165	48.27	-97.31

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-51.27	-13.00	-38.27	2.39 H	145	46.47	-97.74
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-49.50	-13.00	-36.50	1.06 V	205	48.24	-97.74

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-50.22	-13.00	-37.22	2.56 H	144	46.42	-96.64
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	-48.39	-13.00	-35.39	1.35 V	161	48.25	-96.64

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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-50.99	-13.00	-37.99	2.25 H	147	46.48	-97.47
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	-49.18	-13.00	-36.18	1.14 V	165	48.29	-97.47

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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-51.16	-13.00	-38.16	2.46 H	135	46.58	-97.74
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-49.38	-13.00	-36.38	1.23 V	187	48.36	-97.74

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 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	4.7 Vdc	**Environmental Conditions**	23°C, 73% RH
Tested By	Thomas Cheng		

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	-50.45	-13.00	-37.45	2.35 H	124	46.46	-96.91
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	-48.68	-13.00	-35.68	1.16 V	198	48.23	-96.91

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

Input Power:	4.7 Vdc	Environmental Conditions:	22°C, 73% 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)
4.50	1852.500002	0.001	1907.500002	0.001
4.70	1852.499997	-0.002	1907.499998	-0.001
4.90	1852.500003	0.002	1907.499997	-0.002

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	1852.500003	0.002	1907.500001	0.001
-30	1852.500003	0.002	1907.500002	0.001
-20	1852.500003	0.002	1907.499996	-0.002
-10	1852.499999	-0.001	1907.500002	0.001
0	1852.499996	-0.002	1907.500001	0.001
10	1852.500002	0.001	1907.500003	0.002
20	1852.500001	0.001	1907.499998	-0.001
30	1852.500003	0.002	1907.499998	-0.001
40	1852.499996	-0.002	1907.499997	-0.002
50	1852.500003	0.002	1907.499996	-0.002
60	1852.500002	0.001	1907.499999	-0.001
70	1852.500003	0.002	1907.499998	-0.001
80	1852.499999	-0.001	1907.499998	-0.001
85	1852.499996	-0.002	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)
4.50	1854.999999	-0.001	1905.000004	0.002
4.70	1854.999999	-0.001	1904.999996	-0.002
4.90	1854.999997	-0.002	1904.999998	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 371000 (1855 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1855.000002	0.001	1904.999999	-0.001
-30	1854.999998	-0.001	1904.999999	-0.001
-20	1855.000003	0.002	1904.999996	-0.002
-10	1855.000001	0.001	1904.999996	-0.002
0	1855.000004	0.002	1904.999996	-0.002
10	1855.000001	0.001	1905.000004	0.002
20	1855.000003	0.002	1905.000002	0.001
30	1855.000003	0.002	1904.999998	-0.001
40	1854.999996	-0.002	1904.999999	-0.001
50	1854.999997	-0.002	1904.999997	-0.002
60	1854.999996	-0.002	1904.999996	-0.002
70	1855.000004	0.002	1904.999999	-0.001
80	1854.999996	-0.002	1905.000002	0.001
85	1854.999996	-0.002	1905.000004	0.002

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)
4.50	1857.500002	0.001	1902.499997	-0.002
4.70	1857.499999	-0.001	1902.500001	0.001
4.90	1857.499997	-0.002	1902.500004	0.002

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	1857.499999	-0.001	1902.500003	0.002
-30	1857.500004	0.002	1902.499998	-0.001
-20	1857.499999	-0.001	1902.500004	0.002
-10	1857.499998	-0.001	1902.499999	-0.001
0	1857.500004	0.002	1902.499996	-0.002
10	1857.499999	-0.001	1902.500002	0.001
20	1857.499998	-0.001	1902.499998	-0.001
30	1857.499998	-0.001	1902.499997	-0.002
40	1857.499996	-0.002	1902.499997	-0.002
50	1857.499999	-0.001	1902.499996	-0.002
60	1857.499998	-0.001	1902.500002	0.001
70	1857.500002	0.001	1902.500003	0.002
80	1857.499997	-0.002	1902.499999	-0.001
85	1857.500001	0.001	1902.499999	-0.001

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)
4.50	1860.000004	0.002	1899.999999	-0.001
4.70	1860.000003	0.002	1900.000002	0.001
4.90	1860.000002	0.001	1900.000003	0.002

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 372000 (1860 MHz)		CH 380000 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1859.999997	-0.002	1899.999996	-0.002
-30	1860.000003	0.002	1899.999997	-0.002
-20	1859.999999	-0.001	1899.999998	-0.001
-10	1859.999998	-0.001	1900.000001	0.001
0	1859.999998	-0.001	1899.999999	-0.001
10	1860.000001	0.001	1900.000004	0.002
20	1859.999997	-0.002	1900.000004	0.002
30	1860.000003	0.002	1900.000001	0.001
40	1859.999997	-0.002	1900.000003	0.002
50	1859.999997	-0.002	1900.000001	0.001
60	1859.999999	-0.001	1900.000001	0.001
70	1860.000004	0.002	1899.999998	-0.001
80	1859.999999	-0.001	1900.000002	0.001
85	1859.999996	-0.002	1899.999999	-0.001

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)
4.50	826.499997	-0.004	846.499999	-0.001
4.70	826.499998	-0.002	846.499999	-0.001
4.90	826.499998	-0.002	846.500002	0.002

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	826.500001	0.001	846.500004	0.005
-30	826.500002	0.002	846.499999	-0.001
-20	826.500003	0.004	846.500004	0.005
-10	826.500001	0.001	846.499997	-0.004
0	826.499997	-0.004	846.499996	-0.005
10	826.500001	0.001	846.500002	0.002
20	826.500004	0.005	846.499999	-0.001
30	826.499996	-0.005	846.500002	0.002
40	826.499998	-0.002	846.500001	0.001
50	826.499999	-0.001	846.499999	-0.001
60	826.500002	0.002	846.500004	0.005
70	826.500004	0.005	846.499998	-0.002
80	826.500002	0.002	846.499997	-0.004
85	826.500003	0.004	846.500003	0.004

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)
4.50	828.999999	-0.001	844.000003	0.004
4.70	829.000001	0.001	843.999997	-0.004
4.90	828.999996	-0.005	844.000001	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 165800 (829 MHz)		CH 168800 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	828.999999	-0.001	844.000004	0.005
-30	828.999999	-0.001	844.000004	0.005
-20	828.999997	-0.004	844.000004	0.005
-10	829.000003	0.004	844.000001	0.001
0	828.999999	-0.001	844.000003	0.004
10	828.999999	-0.001	844.000002	0.002
20	828.999998	-0.002	843.999997	-0.004
30	828.999996	-0.005	843.999997	-0.004
40	829.000001	0.001	844.000004	0.005
50	829.000003	0.004	844.000004	0.005
60	828.999998	-0.002	844.000003	0.004
70	829.000002	0.002	843.999999	-0.001
80	828.999998	-0.002	844.000003	0.004
85	828.999996	-0.005	843.999996	-0.005

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)
4.50	831.499997	-0.004	841.499999	-0.001
4.70	831.500002	0.002	841.499999	-0.001
4.90	831.499997	-0.004	841.499996	-0.005

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	831.500002	0.002	841.500002	0.002
-30	831.499996	-0.005	841.500002	0.002
-20	831.500001	0.001	841.500002	0.002
-10	831.499999	-0.001	841.499996	-0.005
0	831.499998	-0.002	841.500001	0.001
10	831.499997	-0.004	841.500004	0.005
20	831.499997	-0.004	841.499997	-0.004
30	831.499999	-0.001	841.499996	-0.005
40	831.499999	-0.001	841.500003	0.004
50	831.499997	-0.004	841.499999	-0.001
60	831.500002	0.002	841.500001	0.001
70	831.499997	-0.004	841.500003	0.004
80	831.499998	-0.002	841.500003	0.004
85	831.500004	0.005	841.499997	-0.004

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)
4.50	834.000002	0.002	839.000004	0.005
4.70	833.999999	-0.001	838.999996	-0.005
4.90	834.000004	0.005	838.999997	-0.004

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 166800 (834 MHz)		CH 167800 (839 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	833.999997	-0.004	838.999998	-0.002
-30	834.000003	0.004	838.999998	-0.002
-20	834.000001	0.001	838.999998	-0.002
-10	834.000003	0.004	838.999997	-0.004
0	834.000001	0.001	839.000001	0.001
10	833.999996	-0.005	839.000003	0.004
20	833.999998	-0.002	839.000002	0.002
30	833.999999	-0.001	839.000001	0.001
40	833.999999	-0.001	839.000001	0.001
50	833.999996	-0.005	839.000004	0.005
60	833.999999	-0.001	838.999999	-0.001
70	833.999998	-0.002	838.999997	-0.004
80	833.999996	-0.005	839.000001	0.001
85	833.999998	-0.002	839.000002	0.002

7.8.3 NR n7 SCS 15 kHz

NR n7 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 500500 (2502.5MHz)		CH 513500 (2567.5MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2502.499998	-0.001	2567.499998	-0.001
4.70	2502.499999	0.000	2567.499996	-0.002
4.90	2502.500002	0.001	2567.500004	0.002

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 500500 (2502.5MHz)		CH 513500 (2567.5MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2502.500003	0.001	2567.500001	0.000
-30	2502.500001	0.000	2567.499998	-0.001
-20	2502.499998	-0.001	2567.500003	0.001
-10	2502.500002	0.001	2567.499999	0.000
0	2502.499996	-0.002	2567.499996	-0.002
10	2502.499997	-0.001	2567.500002	0.001
20	2502.500002	0.001	2567.500003	0.001
30	2502.500002	0.001	2567.500002	0.001
40	2502.499999	0.000	2567.499998	-0.001
50	2502.500002	0.001	2567.500002	0.001
60	2502.500002	0.001	2567.499996	-0.002
70	2502.499998	-0.001	2567.499998	-0.001
80	2502.500001	0.000	2567.500004	0.002
85	2502.499998	-0.001	2567.500004	0.002

NR n7 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 501000 (2505.0MHz)		CH 513000 (2565.0MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2505.000001	0.000	2564.999996	-0.002
4.70	2505.000003	0.001	2565.000004	0.002
4.90	2505.000003	0.001	2565.000001	0.000

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 501000 (2505.0MHz)		CH 513000 (2565.0MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2504.999996	-0.002	2565.000003	0.001
-30	2504.999996	-0.002	2565.000003	0.001
-20	2505.000001	0.000	2565.000002	0.001
-10	2504.999997	-0.001	2565.000001	0.000
0	2505.000002	0.001	2564.999998	-0.001
10	2505.000003	0.001	2564.999997	-0.001
20	2504.999997	-0.001	2564.999998	-0.001
30	2504.999997	-0.001	2564.999999	0.000
40	2505.000003	0.001	2565.000004	0.002
50	2505.000001	0.000	2565.000002	0.001
60	2505.000004	0.002	2564.999999	0.000
70	2504.999998	-0.001	2564.999997	-0.001
80	2504.999998	-0.001	2565.000004	0.002
85	2505.000003	0.001	2564.999998	-0.001

NR n7 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 501500 (2507.5MHz)		CH 512500 (2562.5MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2507.499997	-0.001	2562.499997	-0.001
4.70	2507.499996	-0.002	2562.500004	0.002
4.90	2507.499997	-0.001	2562.500001	0.000

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 501500 (2507.5MHz)		CH 512500 (2562.5MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2507.500002	0.001	2562.500002	0.001
-30	2507.499996	-0.002	2562.500002	0.001
-20	2507.499998	-0.001	2562.499998	-0.001
-10	2507.499997	-0.001	2562.499999	0.000
0	2507.499998	-0.001	2562.500001	0.000
10	2507.499998	-0.001	2562.500003	0.001
20	2507.500001	0.000	2562.499999	0.000
30	2507.500004	0.002	2562.499997	-0.001
40	2507.500003	0.001	2562.500004	0.002
50	2507.499998	-0.001	2562.499997	-0.001
60	2507.499998	-0.001	2562.500001	0.000
70	2507.500004	0.002	2562.500004	0.002
80	2507.500003	0.001	2562.499996	-0.002
85	2507.500002	0.001	2562.500003	0.001

NR n7 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 502000 (2510.0MHz)		CH 512000 (2560.0MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2509.999999	0.000	2560.000002	0.001
4.70	2510.000003	0.001	2560.000001	0.000
4.90	2509.999997	-0.001	2559.999997	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 502000 (2510.0MHz)		CH 512000 (2560.0MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2509.999996	-0.002	2560.000003	0.001
-30	2510.000002	0.001	2560.000002	0.001
-20	2510.000002	0.001	2559.999997	-0.001
-10	2510.000004	0.002	2560.000003	0.001
0	2510.000002	0.001	2559.999999	0.000
10	2509.999999	0.000	2560.000003	0.001
20	2509.999999	0.000	2560.000002	0.001
30	2510.000004	0.002	2560.000003	0.001
40	2510.000004	0.002	2560.000003	0.001
50	2509.999996	-0.002	2559.999998	-0.001
60	2510.000003	0.001	2559.999996	-0.002
70	2509.999997	-0.001	2560.000004	0.002
80	2510.000001	0.000	2559.999999	0.000
85	2510.000003	0.001	2560.000001	0.000

7.8.4 NR n41 SCS 30 kHz

NR n41 SCS 30 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 500202 (2501.01 MHz)		CH 537000 (2685.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2501.010004	0.002	2684.999997	-0.001
4.70	2501.010002	0.001	2685.000004	0.001
4.90	2501.009997	-0.001	2685.000001	0.000

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 500202 (2501.01 MHz)		CH 537000 (2685.00 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2501.010001	0.000	2684.999998	-0.001
-30	2501.010001	0.000	2685.000002	0.001
-20	2501.010002	0.001	2684.999999	0.000
-10	2501.009999	0.000	2684.999999	0.000
0	2501.010004	0.002	2685.000004	0.001
10	2501.010004	0.002	2684.999997	-0.001
20	2501.010002	0.001	2685.000002	0.001
30	2501.010004	0.002	2685.000004	0.001
40	2501.009996	-0.002	2685.000002	0.001
50	2501.010003	0.001	2684.999998	-0.001
60	2501.009996	-0.002	2684.999997	-0.001
70	2501.009997	-0.001	2684.999996	-0.001
80	2501.009996	-0.002	2684.999996	-0.001
85	2501.010002	0.001	2684.999998	-0.001

NR n41 SCS 30 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 500700 (2503.50 MHz)		CH 536496 (2682.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2503.499996	-0.002	2682.479996	-0.001
4.70	2503.499999	0.000	2682.479999	0.000
4.90	2503.499999	0.000	2682.479996	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 500700 (2503.50 MHz)		CH 536496 (2682.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2503.499998	-0.001	2682.479999	0.000
-30	2503.500001	0.000	2682.480001	0.000
-20	2503.499997	-0.001	2682.479997	-0.001
-10	2503.499996	-0.002	2682.480003	0.001
0	2503.500001	0.000	2682.479996	-0.001
10	2503.499998	-0.001	2682.480003	0.001
20	2503.499999	0.000	2682.480003	0.001
30	2503.500004	0.002	2682.480001	0.000
40	2503.499997	-0.001	2682.480002	0.001
50	2503.500004	0.002	2682.480004	0.001
60	2503.500002	0.001	2682.479998	-0.001
70	2503.499997	-0.001	2682.479996	-0.001
80	2503.500002	0.001	2682.479998	-0.001
85	2503.500002	0.001	2682.480002	0.001

NR n41 SCS 30 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 501204 (2506.02 MHz)		CH 535998 (2679.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2506.019997	-0.001	2679.990002	0.001
4.70	2506.019999	0.000	2679.989996	-0.001
4.90	2506.019997	-0.001	2679.990003	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 501204 (2506.02 MHz)		CH 535998 (2679.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2506.020003	0.001	2679.990003	0.001
-30	2506.019996	-0.002	2679.989999	0.000
-20	2506.019996	-0.002	2679.989997	-0.001
-10	2506.019997	-0.001	2679.990002	0.001
0	2506.020001	0.000	2679.989998	-0.001
10	2506.020002	0.001	2679.990003	0.001
20	2506.019998	-0.001	2679.990003	0.001
30	2506.019999	0.000	2679.990002	0.001
40	2506.020001	0.000	2679.989998	-0.001
50	2506.020003	0.001	2679.989999	0.000
60	2506.019998	-0.001	2679.990004	0.001
70	2506.020001	0.000	2679.989999	0.000
80	2506.020002	0.001	2679.990001	0.000
85	2506.019998	-0.001	2679.989998	-0.001

NR n41 SCS 30 kHz, Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 503202 (2516.01 MHz)		CH 534000 (2670 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2516.010001	0.000	2670.000003	0.001
4.70	2516.009996	-0.002	2669.999999	0.000
4.90	2516.010002	0.001	2669.999996	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 503202 (2516.01 MHz)		CH 534000 (2670 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2516.010003	0.001	2670.000002	0.001
-30	2516.009996	-0.002	2669.999996	-0.001
-20	2516.010002	0.001	2669.999997	-0.001
-10	2516.010001	0.000	2670.000003	0.001
0	2516.010001	0.000	2670.000003	0.001
10	2516.010002	0.001	2670.000001	0.000
20	2516.010004	0.002	2670.000002	0.001
30	2516.010003	0.001	2670.000004	0.001
40	2516.009999	0.000	2669.999998	-0.001
50	2516.010002	0.001	2669.999999	0.000
60	2516.010003	0.001	2670.000002	0.001
70	2516.009996	-0.002	2669.999998	-0.001
80	2516.010002	0.001	2669.999996	-0.001
85	2516.009998	-0.001	2670.000001	0.000

NR n41 SCS 30 kHz, Channel Bandwidth: 50 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 504204 (2521.02 MHz)		CH 532998 (2664.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2521.020004	0.002	2664.989999	0.000
4.70	2521.019999	0.000	2664.990002	0.001
4.90	2521.020004	0.002	2664.989998	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 504204 (2521.02 MHz)		CH 532998 (2664.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2521.019996	-0.002	2664.990004	0.002
-30	2521.019997	-0.001	2664.989999	0.000
-20	2521.019996	-0.002	2664.990004	0.002
-10	2521.020002	0.001	2664.989999	0.000
0	2521.020003	0.001	2664.990002	0.001
10	2521.020004	0.002	2664.989996	-0.002
20	2521.019996	-0.002	2664.989998	-0.001
30	2521.019996	-0.002	2664.989997	-0.001
40	2521.019996	-0.002	2664.990001	0.000
50	2521.020001	0.000	2664.989998	-0.001
60	2521.019998	-0.001	2664.990001	0.000
70	2521.020004	0.002	2664.990001	0.000
80	2521.019996	-0.002	2664.990002	0.001
85	2521.020004	0.002	2664.990003	0.001

NR n41 SCS 30 kHz, Channel Bandwidth: 60 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 505200 (2526 MHz)		CH 531996 (2659.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2525.999998	-0.001	2659.979998	-0.001
4.70	2526.000004	0.002	2659.980001	0.000
4.90	2526.000002	0.001	2659.979998	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 505200 (2526 MHz)		CH 531996 (2659.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2526.000001	0.000	2659.980004	0.002
-30	2526.000001	0.000	2659.980001	0.000
-20	2525.999998	-0.001	2659.980002	0.001
-10	2525.999996	-0.002	2659.979998	-0.001
0	2526.000002	0.001	2659.980003	0.001
10	2525.999998	-0.001	2659.979997	-0.001
20	2525.999996	-0.002	2659.980003	0.001
30	2525.999996	-0.002	2659.980003	0.001
40	2525.999998	-0.001	2659.980002	0.001
50	2526.000002	0.001	2659.980003	0.001
60	2526.000001	0.000	2659.980004	0.002
70	2525.999997	-0.001	2659.979996	-0.002
80	2526.000004	0.002	2659.980002	0.001
85	2525.999999	0.000	2659.979997	-0.001

NR n41 SCS 30 kHz, Channel Bandwidth: 70 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 506202 (2531.01 MHz)		CH 531000 (2655 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2531.010002	0.001	2655.000002	0.001
4.70	2531.009999	0.000	2654.999996	-0.002
4.90	2531.010001	0.000	2654.999997	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 506202 (2531.01 MHz)		CH 531000 (2655 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2531.009996	-0.002	2655.000001	0.000
-30	2531.010003	0.001	2655.000003	0.001
-20	2531.009998	-0.001	2654.999997	-0.001
-10	2531.009996	-0.002	2654.999998	-0.001
0	2531.010002	0.001	2655.000002	0.001
10	2531.009996	-0.002	2655.000004	0.002
20	2531.009998	-0.001	2655.000001	0.000
30	2531.010001	0.000	2655.000003	0.001
40	2531.009999	0.000	2655.000002	0.001
50	2531.010003	0.001	2655.000001	0.000
60	2531.010004	0.002	2654.999998	-0.001
70	2531.010002	0.001	2655.000001	0.000
80	2531.010001	0.000	2655.000001	0.000
85	2531.010001	0.000	2654.999999	0.000

NR n41 SCS 30 kHz, Channel Bandwidth: 80 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 507204 (2536.02 MHz)		CH 529998 (2649.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2536.020004	0.002	2649.990001	0.000
4.70	2536.020001	0.000	2649.989998	-0.001
4.90	2536.020001	0.000	2649.990002	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 507204 (2536.02 MHz)		CH 529998 (2649.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2536.019996	-0.002	2649.989999	0.000
-30	2536.020004	0.002	2649.989998	-0.001
-20	2536.019999	0.000	2649.989996	-0.002
-10	2536.019997	-0.001	2649.990003	0.001
0	2536.020001	0.000	2649.990004	0.002
10	2536.020003	0.001	2649.990002	0.001
20	2536.020002	0.001	2649.989996	-0.002
30	2536.020003	0.001	2649.989999	0.000
40	2536.020002	0.001	2649.990003	0.001
50	2536.020002	0.001	2649.989999	0.000
60	2536.019996	-0.002	2649.990002	0.001
70	2536.020004	0.002	2649.990001	0.000
80	2536.019996	-0.002	2649.990003	0.001
85	2536.019999	0.000	2649.989996	-0.002

NR n41 SCS 30 kHz, Channel Bandwidth: 90 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 508200 (2541 MHz)		CH 528996 (2644.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2541.000002	0.001	2644.979997	-0.001
4.70	2541.000001	0.000	2644.980001	0.000
4.90	2540.999999	0.000	2644.980001	0.000

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 508200 (2541 MHz)		CH 528996 (2644.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2541.000003	0.001	2644.979996	-0.002
-30	2541.000004	0.002	2644.980004	0.002
-20	2540.999999	0.000	2644.979997	-0.001
-10	2541.000004	0.002	2644.979996	-0.002
0	2540.999998	-0.001	2644.979999	0.000
10	2541.000003	0.001	2644.979999	0.000
20	2541.000002	0.001	2644.979997	-0.001
30	2540.999996	-0.002	2644.980002	0.001
40	2540.999997	-0.001	2644.980002	0.001
50	2540.999998	-0.001	2644.980003	0.001
60	2541.000001	0.000	2644.979999	0.000
70	2540.999996	-0.002	2644.980002	0.001
80	2541.000002	0.001	2644.979998	-0.001
85	2540.999998	-0.001	2644.980004	0.002

NR n41 SCS 30 kHz, Channel Bandwidth: 100 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 509202 (2546.01 MHz)		CH 528000 (2640 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	2546.009996	-0.002	2639.999997	-0.001
4.70	2546.009997	-0.001	2640.000003	0.001
4.90	2546.009999	0.000	2640.000004	0.002

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 509202 (2546.01 MHz)		CH 528000 (2640 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	2546.010004	0.002	2640.000003	0.001
-30	2546.010001	0.000	2639.999999	0.000
-20	2546.010004	0.002	2640.000003	0.001
-10	2546.009997	-0.001	2639.999999	0.000
0	2546.010003	0.001	2639.999996	-0.002
10	2546.010002	0.001	2640.000004	0.002
20	2546.010003	0.001	2639.999999	0.000
30	2546.009998	-0.001	2639.999997	-0.001
40	2546.009997	-0.001	2640.000003	0.001
50	2546.009998	-0.001	2640.000004	0.002
60	2546.010003	0.001	2640.000004	0.002
70	2546.010001	0.000	2640.000004	0.002
80	2546.010002	0.001	2640.000003	0.001
85	2546.009998	-0.001	2640.000004	0.002

7.8.5 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)
4.50	1712.499996	-0.002	1777.499997	-0.002
4.70	1712.500003	0.002	1777.500001	0.001
4.90	1712.500001	0.001	1777.499998	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	1712.500003	0.002	1777.499997	-0.002
-30	1712.500002	0.001	1777.500001	0.001
-20	1712.499999	-0.001	1777.500001	0.001
-10	1712.499999	-0.001	1777.500003	0.002
0	1712.500001	0.001	1777.500001	0.001
10	1712.499996	-0.002	1777.499998	-0.001
20	1712.500002	0.001	1777.499997	-0.002
30	1712.500004	0.002	1777.499998	-0.001
40	1712.500004	0.002	1777.500002	0.001
50	1712.499999	-0.001	1777.499997	-0.002
60	1712.500001	0.001	1777.500001	0.001
70	1712.500003	0.002	1777.500001	0.001
80	1712.499996	-0.002	1777.499997	-0.002
85	1712.499996	-0.002	1777.499999	-0.001

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)
4.50	1714.999999	-0.001	1775.000003	0.002
4.70	1715.000001	0.001	1775.000002	0.001
4.90	1714.999996	-0.002	1774.999999	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 343000 (1715 MHz)		CH 355000 (1775 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1715.000004	0.002	1774.999997	-0.002
-30	1715.000001	0.001	1774.999996	-0.002
-20	1715.000003	0.002	1774.999999	-0.001
-10	1715.000004	0.002	1775.000004	0.002
0	1715.000002	0.001	1774.999996	-0.002
10	1715.000004	0.002	1775.000003	0.002
20	1714.999999	-0.001	1775.000001	0.001
30	1714.999998	-0.001	1774.999999	-0.001
40	1715.000001	0.001	1775.000004	0.002
50	1715.000004	0.002	1775.000004	0.002
60	1714.999998	-0.001	1775.000003	0.002
70	1714.999997	-0.002	1775.000004	0.002
80	1714.999999	-0.001	1774.999996	-0.002
85	1714.999999	-0.001	1774.999999	-0.001

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)
4.50	1717.499997	-0.002	1772.500004	0.002
4.70	1717.499998	-0.001	1772.499998	-0.001
4.90	1717.499997	-0.002	1772.499996	-0.002

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	1717.499997	-0.002	1772.499999	-0.001
-30	1717.499997	-0.002	1772.500001	0.001
-20	1717.500002	0.001	1772.500004	0.002
-10	1717.499998	-0.001	1772.499998	-0.001
0	1717.500002	0.001	1772.499998	-0.001
10	1717.499999	-0.001	1772.499996	-0.002
20	1717.500002	0.001	1772.500001	0.001
30	1717.499997	-0.002	1772.500002	0.001
40	1717.500001	0.001	1772.499998	-0.001
50	1717.499997	-0.002	1772.500003	0.002
60	1717.499998	-0.001	1772.500002	0.001
70	1717.500002	0.001	1772.499999	-0.001
80	1717.499997	-0.002	1772.499997	-0.002
85	1717.500002	0.001	1772.500001	0.001

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)
4.50	1719.999996	-0.002	1769.999997	-0.002
4.70	1719.999996	-0.002	1770.000004	0.002
4.90	1719.999999	-0.001	1769.999999	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 344000 (1720 MHz)		CH 354000 (1770 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1720.000001	0.001	1769.999998	-0.001
-30	1720.000001	0.001	1769.999997	-0.002
-20	1719.999998	-0.001	1770.000001	0.001
-10	1720.000002	0.001	1769.999998	-0.001
0	1720.000004	0.002	1770.000004	0.002
10	1720.000003	0.002	1770.000001	0.001
20	1719.999997	-0.002	1769.999998	-0.001
30	1719.999997	-0.002	1769.999997	-0.002
40	1719.999997	-0.002	1769.999999	-0.001
50	1720.000001	0.001	1770.000001	0.001
60	1720.000003	0.002	1769.999996	-0.002
70	1719.999996	-0.002	1769.999998	-0.001
80	1720.000001	0.001	1769.999998	-0.001
85	1720.000003	0.002	1769.999996	-0.002

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)
4.50	1730.000002	0.001	1759.999997	-0.002
4.70	1729.999996	-0.002	1759.999997	-0.002
4.90	1729.999999	-0.001	1760.000002	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 346000 (1730 MHz)		CH 352000 (1760 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1730.000001	0.001	1760.000002	0.001
-30	1730.000003	0.002	1759.999999	-0.001
-20	1730.000004	0.002	1759.999998	-0.001
-10	1730.000002	0.001	1759.999999	-0.001
0	1730.000002	0.001	1760.000003	0.002
10	1729.999999	-0.001	1760.000004	0.002
20	1729.999999	-0.001	1759.999998	-0.001
30	1729.999998	-0.001	1760.000001	0.001
40	1729.999998	-0.001	1759.999999	-0.001
50	1730.000001	0.001	1760.000004	0.002
60	1729.999996	-0.002	1760.000003	0.002
70	1729.999999	-0.001	1760.000001	0.001
80	1730.000004	0.002	1760.000003	0.002
85	1729.999996	-0.002	1760.000004	0.002

7.8.6 NR n71 SCS 15 kHz

NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133100 (665.5 MHz)		CH 139100 (695.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	665.499996	-0.006	695.499998	-0.003
4.70	665.499999	-0.002	695.500003	0.004
4.90	665.499998	-0.003	695.499999	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 133100 (665.5 MHz)		CH 139100 (695.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	665.500002	0.003	695.499999	-0.001
-30	665.499997	-0.005	695.499997	-0.004
-20	665.499999	-0.002	695.499997	-0.004
-10	665.500002	0.003	695.499997	-0.004
0	665.499998	-0.003	695.500001	0.001
10	665.500004	0.006	695.500001	0.001
20	665.500001	0.002	695.500003	0.004
30	665.500001	0.002	695.499999	-0.001
40	665.500002	0.003	695.500001	0.001
50	665.499998	-0.003	695.500002	0.003
60	665.499999	-0.002	695.499996	-0.006
70	665.499996	-0.006	695.499997	-0.004
80	665.500002	0.003	695.499998	-0.003
85	665.500001	0.002	695.500001	0.001

NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133600 (668 MHz)		CH 138600 (693 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	668.000003	0.004	692.999996	-0.006
4.70	668.000004	0.006	693.000002	0.003
4.90	667.999998	-0.003	692.999997	-0.004

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 133600 (668 MHz)		CH 138600 (693 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	668.000002	0.003	693.000004	0.006
-30	668.000003	0.004	693.000004	0.006
-20	667.999998	-0.003	692.999996	-0.006
-10	668.000003	0.004	693.000002	0.003
0	668.000001	0.001	693.000003	0.004
10	667.999999	-0.001	693.000001	0.001
20	667.999999	-0.001	693.000002	0.003
30	668.000004	0.006	692.999999	-0.001
40	667.999996	-0.006	693.000002	0.003
50	668.000001	0.001	692.999996	-0.006
60	667.999997	-0.004	692.999996	-0.006
70	668.000002	0.003	692.999997	-0.004
80	667.999996	-0.006	692.999999	-0.001
85	668.000004	0.006	692.999998	-0.003

NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 134100 (670.5 MHz)		CH 138100 (690.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	670.500002	0.003	690.500003	0.004
4.70	670.499998	-0.003	690.499997	-0.004
4.90	670.499999	-0.001	690.499998	-0.003

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 134100 (670.5 MHz)		CH 138100 (690.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	670.499996	-0.006	690.500004	0.006
-30	670.500002	0.003	690.500001	0.001
-20	670.500001	0.001	690.499999	-0.001
-10	670.499997	-0.004	690.500004	0.006
0	670.500004	0.006	690.499998	-0.003
10	670.500001	0.001	690.500001	0.001
20	670.499996	-0.006	690.500003	0.004
30	670.500003	0.004	690.499999	-0.001
40	670.499999	-0.001	690.500003	0.004
50	670.500004	0.006	690.499996	-0.006
60	670.499996	-0.006	690.499997	-0.004
70	670.500002	0.003	690.500002	0.003
80	670.499998	-0.003	690.500003	0.004
85	670.499996	-0.006	690.500001	0.001

NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 134600 (673 MHz)		CH 137600 (688 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	672.999997	-0.004	688.000002	0.003
4.70	673.000003	0.004	688.000004	0.006
4.90	673.000001	0.001	687.999996	-0.006

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 134600 (673 MHz)		CH 137600 (688 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	673.000002	0.003	688.000002	0.003
-30	672.999999	-0.001	687.999998	-0.003
-20	672.999998	-0.003	687.999999	-0.001
-10	672.999996	-0.006	687.999998	-0.003
0	672.999998	-0.003	687.999999	-0.001
10	673.000003	0.004	687.999998	-0.003
20	672.999996	-0.006	687.999997	-0.004
30	673.000004	0.006	687.999999	-0.001
40	672.999996	-0.006	688.000002	0.003
50	672.999999	-0.001	688.000002	0.003
60	672.999999	-0.001	687.999999	-0.001
70	673.000001	0.001	687.999999	-0.001
80	672.999997	-0.004	688.000001	0.001
85	673.000002	0.003	687.999999	-0.001

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

NR n77 (3450-3550 MHz) SCS 30 kHz, 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)
4.50	3455.010003	0.001	3544.980003	0.001
4.70	3455.010003	0.001	3544.979997	-0.001
4.90	3455.010004	0.001	3544.979997	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3455.009997	-0.001	3544.980003	0.001
-30	3455.010001	0.000	3544.980004	0.001
-20	3455.009998	-0.001	3544.979999	0.000
-10	3455.010004	0.001	3544.979999	0.000
0	3455.009996	-0.001	3544.979996	-0.001
10	3455.010004	0.001	3544.980004	0.001
20	3455.009998	-0.001	3544.979999	0.000
30	3455.010002	0.001	3544.979998	-0.001
40	3455.009998	-0.001	3544.980002	0.001
50	3455.009996	-0.001	3544.979996	-0.001
60	3455.009996	-0.001	3544.979996	-0.001
70	3455.009998	-0.001	3544.979999	0.000
80	3455.009997	-0.001	3544.980001	0.000
85	3455.010001	0.000	3544.979998	-0.001

NR n77 (3450-3550 MHz) SCS 30 kHz, 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)
4.50	3457.499998	-0.001	3542.490003	0.001
4.70	3457.499999	0.000	3542.489999	0.000
4.90	3457.499996	-0.001	3542.490001	0.000

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3457.500003	0.001	3542.490004	0.001
-30	3457.499998	-0.001	3542.489998	-0.001
-20	3457.499999	0.000	3542.489996	-0.001
-10	3457.499998	-0.001	3542.490001	0.000
0	3457.500003	0.001	3542.489996	-0.001
10	3457.500002	0.001	3542.489998	-0.001
20	3457.499997	-0.001	3542.489997	-0.001
30	3457.500003	0.001	3542.490004	0.001
40	3457.499996	-0.001	3542.490002	0.001
50	3457.499998	-0.001	3542.490004	0.001
60	3457.500004	0.001	3542.489996	-0.001
70	3457.499997	-0.001	3542.489996	-0.001
80	3457.500001	0.000	3542.490004	0.001
85	3457.500002	0.001	3542.489998	-0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630668 (3460.02 MHz)		CH 636000 (3540 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3460.019997	-0.001	3539.999997	-0.001
4.70	3460.020002	0.001	3540.000002	0.001
4.90	3460.019997	-0.001	3539.999997	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3460.019997	-0.001	3539.999998	-0.001
-30	3460.019997	-0.001	3540.000004	0.001
-20	3460.019999	0.000	3540.000002	0.001
-10	3460.019998	-0.001	3539.999997	-0.001
0	3460.019999	0.000	3539.999996	-0.001
10	3460.019997	-0.001	3539.999996	-0.001
20	3460.020001	0.000	3539.999997	-0.001
30	3460.020002	0.001	3540.000002	0.001
40	3460.019998	-0.001	3539.999998	-0.001
50	3460.020004	0.001	3540.000004	0.001
60	3460.019999	0.000	3539.999996	-0.001
70	3460.020003	0.001	3540.000002	0.001
80	3460.019996	-0.001	3539.999998	-0.001
85	3460.020003	0.001	3540.000004	0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631000 (3465 MHz)		CH 635666 (3534.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3464.999999	0.000	3534.990001	0.000
4.70	3464.999998	-0.001	3534.989998	-0.001
4.90	3465.000004	0.001	3534.989997	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3465.000004	0.001	3534.990002	0.001
-30	3465.000001	0.000	3534.990002	0.001
-20	3465.000001	0.000	3534.989999	0.000
-10	3465.000004	0.001	3534.989997	-0.001
0	3464.999999	0.000	3534.989999	0.000
10	3465.000002	0.001	3534.990002	0.001
20	3465.000003	0.001	3534.989999	0.000
30	3464.999996	-0.001	3534.990004	0.001
40	3464.999999	0.000	3534.990002	0.001
50	3464.999999	0.000	3534.990003	0.001
60	3465.000003	0.001	3534.990002	0.001
70	3465.000002	0.001	3534.989998	-0.001
80	3465.000003	0.001	3534.989997	-0.001
85	3464.999998	-0.001	3534.990002	0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631334 (3470.01 MHz)		CH 635332 (3529.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3470.009999	0.000	3529.980004	0.001
4.70	3470.009996	-0.001	3529.979999	0.000
4.90	3470.010002	0.001	3529.980001	0.000

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3470.009999	0.000	3529.980003	0.001
-30	3470.009996	-0.001	3529.980001	0.000
-20	3470.009997	-0.001	3529.979996	-0.001
-10	3470.009997	-0.001	3529.979999	0.000
0	3470.010003	0.001	3529.979998	-0.001
10	3470.010003	0.001	3529.979996	-0.001
20	3470.009998	-0.001	3529.979997	-0.001
30	3470.009996	-0.001	3529.979997	-0.001
40	3470.010004	0.001	3529.980004	0.001
50	3470.009997	-0.001	3529.979996	-0.001
60	3470.009998	-0.001	3529.980004	0.001
70	3470.009996	-0.001	3529.979996	-0.001
80	3470.010001	0.000	3529.980002	0.001
85	3470.009998	-0.001	3529.979996	-0.001

NR n77 (3450-3550 MHz) SCS 30 kHz, 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)
4.50	3475.020003	0.001	3525.000003	0.001
4.70	3475.020004	0.001	3525.000004	0.001
4.90	3475.019999	0.000	3524.999998	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3475.020004	0.001	3525.000002	0.001
-30	3475.019998	-0.001	3524.999998	-0.001
-20	3475.019997	-0.001	3524.999997	-0.001
-10	3475.019997	-0.001	3525.000001	0.000
0	3475.020001	0.000	3525.000001	0.000
10	3475.020003	0.001	3524.999996	-0.001
20	3475.019996	-0.001	3525.000003	0.001
30	3475.019996	-0.001	3525.000001	0.000
40	3475.020003	0.001	3525.000001	0.000
50	3475.020001	0.000	3524.999996	-0.001
60	3475.020001	0.000	3524.999997	-0.001
70	3475.019997	-0.001	3524.999996	-0.001
80	3475.019996	-0.001	3524.999999	0.000
85	3475.020001	0.000	3525.000001	0.000

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632000 (3480 MHz)		CH 634666 (3519.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3479.999998	-0.001	3519.989996	-0.001
4.70	3479.999996	-0.001	3519.990002	0.001
4.90	3479.999997	-0.001	3519.989998	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3480.000003	0.001	3519.990003	0.001
-30	3479.999997	-0.001	3519.989998	-0.001
-20	3479.999996	-0.001	3519.990004	0.001
-10	3480.000001	0.000	3519.990001	0.000
0	3480.000003	0.001	3519.990001	0.000
10	3480.000002	0.001	3519.989999	0.000
20	3480.000004	0.001	3519.990002	0.001
30	3479.999996	-0.001	3519.990004	0.001
40	3479.999998	-0.001	3519.990003	0.001
50	3480.000004	0.001	3519.990002	0.001
60	3480.000001	0.000	3519.989997	-0.001
70	3480.000002	0.001	3519.989999	0.000
80	3480.000001	0.000	3519.989999	0.000
85	3480.000004	0.001	3519.989998	-0.001

NR n77 (3450-3550 MHz) SCS 30 kHz, 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)
4.50	3485.010002	0.001	3514.979997	-0.001
4.70	3485.009996	-0.001	3514.980004	0.001
4.90	3485.009996	-0.001	3514.980003	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3485.010001	0.000	3514.980003	0.001
-30	3485.010001	0.000	3514.979997	-0.001
-20	3485.010003	0.001	3514.979996	-0.001
-10	3485.010002	0.001	3514.980004	0.001
0	3485.009997	-0.001	3514.980004	0.001
10	3485.010003	0.001	3514.979999	0.000
20	3485.009998	-0.001	3514.979997	-0.001
30	3485.010001	0.000	3514.979996	-0.001
40	3485.009998	-0.001	3514.980002	0.001
50	3485.009999	0.000	3514.980003	0.001
60	3485.009997	-0.001	3514.979999	0.000
70	3485.009997	-0.001	3514.980002	0.001
80	3485.010004	0.001	3514.979998	-0.001
85	3485.009996	-0.001	3514.979996	-0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632668 (3490.02 MHz)		CH 634000 (3510 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3490.019996	-0.001	3510.000003	0.001
4.70	3490.019997	-0.001	3509.999999	0.000
4.90	3490.019997	-0.001	3509.999996	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3490.020003	0.001	3510.000003	0.001
-30	3490.020004	0.001	3510.000004	0.001
-20	3490.019997	-0.001	3509.999999	0.000
-10	3490.020003	0.001	3510.000001	0.000
0	3490.019997	-0.001	3510.000003	0.001
10	3490.019999	0.000	3509.999998	-0.001
20	3490.019998	-0.001	3510.000001	0.000
30	3490.020001	0.000	3510.000003	0.001
40	3490.019997	-0.001	3509.999999	0.000
50	3490.019999	0.000	3510.000003	0.001
60	3490.019997	-0.001	3510.000002	0.001
70	3490.020001	0.000	3510.000002	0.001
80	3490.020002	0.001	3510.000001	0.000
85	3490.020004	0.001	3509.999997	-0.001

NR n77 (3450-3550 MHz) SCS 30 kHz, 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)
4.50	3494.999996	-0.001	3504.989997	-0.001
4.70	3495.000003	0.001	3504.989996	-0.001
4.90	3495.000001	0.000	3504.990002	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3494.999998	-0.001	3504.989996	-0.001
-30	3495.000003	0.001	3504.990002	0.001
-20	3494.999999	0.000	3504.989997	-0.001
-10	3494.999998	-0.001	3504.989996	-0.001
0	3494.999999	0.000	3504.989999	0.000
10	3495.000001	0.000	3504.989998	-0.001
20	3495.000003	0.001	3504.990004	0.001
30	3495.000003	0.001	3504.989998	-0.001
40	3495.000003	0.001	3504.989996	-0.001
50	3495.000003	0.001	3504.989996	-0.001
60	3494.999999	0.000	3504.990001	0.000
70	3494.999998	-0.001	3504.989998	-0.001
80	3494.999998	-0.001	3504.990003	0.001
85	3495.000003	0.001	3504.990003	0.001

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

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
4.50	3500.010001	0.000
4.70	3500.010001	0.000
4.90	3500.009997	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature		
Temperature (℃)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-40	3500.009998	-0.001
-30	3500.009996	-0.001
-20	3500.009999	0.000
-10	3500.010003	0.001
0	3500.009998	-0.001
10	3500.009997	-0.001
20	3500.010004	0.001
30	3500.010001	0.000
40	3500.010004	0.001
50	3500.010001	0.000
60	3500.010003	0.001
70	3500.010003	0.001
80	3500.010002	0.001
85	3500.010003	0.001

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

NR n77 (3700-3980 MHz) SCS 30 kHz, 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)
4.50	3705.000001	0.000	3974.999996	-0.001
4.70	3705.000004	0.001	3975.000004	0.001
4.90	3705.000003	0.001	3975.000003	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647000 (3705 MHz)		CH 665000 (3975 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3705.000002	0.001	3974.999999	0.000
-30	3704.999997	-0.001	3974.999999	0.000
-20	3705.000002	0.001	3975.000002	0.001
-10	3705.000004	0.001	3975.000004	0.001
0	3704.999997	-0.001	3975.000004	0.001
10	3704.999999	0.000	3974.999999	0.000
20	3705.000003	0.001	3974.999997	-0.001
30	3705.000003	0.001	3975.000002	0.001
40	3704.999999	0.000	3975.000003	0.001
50	3704.999998	-0.001	3975.000001	0.000
60	3704.999999	0.000	3975.000001	0.000
70	3704.999996	-0.001	3975.000004	0.001
80	3705.000003	0.001	3975.000001	0.000
85	3704.999999	0.000	3974.999998	-0.001

NR n77 (3700-3980 MHz) SCS 30 kHz, 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)
4.50	3707.519999	0.000	3972.479999	0.000
4.70	3707.519999	0.000	3972.480003	0.001
4.90	3707.520004	0.001	3972.480004	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3707.519997	-0.001	3972.479999	0.000
-30	3707.520003	0.001	3972.480002	0.001
-20	3707.519998	-0.001	3972.479999	0.000
-10	3707.520001	0.000	3972.479999	0.000
0	3707.520002	0.001	3972.479996	-0.001
10	3707.520001	0.000	3972.480002	0.001
20	3707.519996	-0.001	3972.480004	0.001
30	3707.520001	0.000	3972.479998	-0.001
40	3707.520003	0.001	3972.479997	-0.001
50	3707.519996	-0.001	3972.480001	0.000
60	3707.520003	0.001	3972.480001	0.000
70	3707.520004	0.001	3972.480001	0.000
80	3707.520003	0.001	3972.480001	0.000
85	3707.520001	0.000	3972.479996	-0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647334 (3710.01 MHz)		CH 665666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3710.010004	0.001	3969.989996	-0.001
4.70	3710.009999	0.000	3969.990001	0.000
4.90	3710.010002	0.001	3969.990003	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 647334 (3710.01 MHz)		CH 665666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3710.009997	-0.001	3969.989997	-0.001
-30	3710.009999	0.000	3969.989998	-0.001
-20	3710.010001	0.000	3969.989999	0.000
-10	3710.010002	0.001	3969.989999	0.000
0	3710.010001	0.000	3969.990004	0.001
10	3710.009998	-0.001	3969.989998	-0.001
20	3710.009998	-0.001	3969.990004	0.001
30	3710.010004	0.001	3969.990004	0.001
40	3710.010004	0.001	3969.989998	-0.001
50	3710.009996	-0.001	3969.990003	0.001
60	3710.010002	0.001	3969.989998	-0.001
70	3710.010001	0.000	3969.990004	0.001
80	3710.010004	0.001	3969.990004	0.001
85	3710.010003	0.001	3969.989999	0.000

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647668 (3715.02 MHz)		CH 664332 (3964.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3715.020004	0.001	3964.980001	0.000
4.70	3715.019997	-0.001	3964.980002	0.001
4.90	3715.019996	-0.001	3964.979996	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3715.019998	-0.001	3964.979996	-0.001
-30	3715.020004	0.001	3964.980004	0.001
-20	3715.019997	-0.001	3964.980002	0.001
-10	3715.020002	0.001	3964.979998	-0.001
0	3715.020001	0.000	3964.979997	-0.001
10	3715.019996	-0.001	3964.979998	-0.001
20	3715.019998	-0.001	3964.979998	-0.001
30	3715.020003	0.001	3964.979998	-0.001
40	3715.020004	0.001	3964.980001	0.000
50	3715.019997	-0.001	3964.980002	0.001
60	3715.020001	0.000	3964.979997	-0.001
70	3715.019999	0.000	3964.980001	0.000
80	3715.020001	0.000	3964.979998	-0.001
85	3715.019997	-0.001	3964.980004	0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3720.000002	0.001	3960.000001	0.000
4.70	3720.000001	0.000	3959.999998	-0.001
4.90	3719.999998	-0.001	3959.999997	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3720.000002	0.001	3960.000002	0.001
-30	3720.000004	0.001	3960.000001	0.000
-20	3719.999999	0.000	3960.000001	0.000
-10	3720.000002	0.001	3959.999999	0.000
0	3720.000002	0.001	3960.000001	0.000
10	3719.999997	-0.001	3959.999996	-0.001
20	3720.000001	0.000	3959.999998	-0.001
30	3719.999996	-0.001	3959.999998	-0.001
40	3720.000004	0.001	3960.000002	0.001
50	3719.999999	0.000	3960.000003	0.001
60	3719.999997	-0.001	3959.999998	-0.001
70	3720.000004	0.001	3960.000002	0.001
80	3720.000004	0.001	3959.999996	-0.001
85	3719.999998	-0.001	3960.000002	0.001

NR n77 (3700-3980 MHz) SCS 30 kHz, 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)
4.50	3725.009997	-0.001	3954.990002	0.001
4.70	3725.010004	0.001	3954.989997	-0.001
4.90	3725.010003	0.001	3954.990003	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3725.010001	0.000	3954.990004	0.001
-30	3725.010003	0.001	3954.990002	0.001
-20	3725.010003	0.001	3954.989998	-0.001
-10	3725.009996	-0.001	3954.989999	0.000
0	3725.010003	0.001	3954.989999	0.000
10	3725.009996	-0.001	3954.990002	0.001
20	3725.010004	0.001	3954.989996	-0.001
30	3725.009999	0.000	3954.990003	0.001
40	3725.009998	-0.001	3954.990002	0.001
50	3725.010004	0.001	3954.990002	0.001
60	3725.010004	0.001	3954.989996	-0.001
70	3725.010001	0.000	3954.989998	-0.001
80	3725.010003	0.001	3954.990002	0.001
85	3725.009998	-0.001	3954.989996	-0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648668 (3730.02 MHz)		CH 663332 (3949.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3730.019996	-0.001	3949.980002	0.001
4.70	3730.020001	0.000	3949.980001	0.000
4.90	3730.019999	0.000	3949.979999	0.000

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3730.019997	-0.001	3949.979996	-0.001
-30	3730.020001	0.000	3949.979999	0.000
-20	3730.019999	0.000	3949.979998	-0.001
-10	3730.020001	0.000	3949.979996	-0.001
0	3730.020002	0.001	3949.979998	-0.001
10	3730.019997	-0.001	3949.980004	0.001
20	3730.019997	-0.001	3949.980002	0.001
30	3730.019997	-0.001	3949.979996	-0.001
40	3730.020003	0.001	3949.979997	-0.001
50	3730.019998	-0.001	3949.979996	-0.001
60	3730.020002	0.001	3949.979998	-0.001
70	3730.020004	0.001	3949.980004	0.001
80	3730.019997	-0.001	3949.980003	0.001
85	3730.019997	-0.001	3949.980003	0.001

NR n77 (3700-3980 MHz) SCS 30 kHz, 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)
4.50	3740.009997	-0.001	3939.989999	0.000
4.70	3740.010002	0.001	3939.990002	0.001
4.90	3740.009999	0.000	3939.989998	-0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 649000 (3735 MHz)		CH 663000 (3945 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3740.010002	0.001	3939.989996	-0.001
-30	3740.009997	-0.001	3939.990004	0.001
-20	3740.009997	-0.001	3939.989997	-0.001
-10	3740.009996	-0.001	3939.990001	0.000
0	3740.010002	0.001	3939.989996	-0.001
10	3740.009998	-0.001	3939.990002	0.001
20	3740.010004	0.001	3939.990002	0.001
30	3740.009997	-0.001	3939.990002	0.001
40	3740.009998	-0.001	3939.989999	0.000
50	3740.009999	0.000	3939.990004	0.001
60	3740.009996	-0.001	3939.989996	-0.001
70	3740.009997	-0.001	3939.989999	0.000
80	3740.010004	0.001	3939.990002	0.001
85	3740.010004	0.001	3939.990003	0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 649334 (3740.01 MHz)		CH 662666 (3939.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3740.010002	0.001	3939.990004	0.001
4.70	3740.009997	-0.001	3939.989996	-0.001
4.90	3740.009999	0.000	3939.989999	0.000

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3740.010001	0.000	3939.990002	0.001
-30	3740.009997	-0.001	3939.990002	0.001
-20	3740.009999	0.000	3939.990004	0.001
-10	3740.010002	0.001	3939.990004	0.001
0	3740.009997	-0.001	3939.989998	-0.001
10	3740.009999	0.000	3939.989996	-0.001
20	3740.009996	-0.001	3939.989997	-0.001
30	3740.010004	0.001	3939.990004	0.001
40	3740.010003	0.001	3939.990003	0.001
50	3740.010003	0.001	3939.989996	-0.001
60	3740.009996	-0.001	3939.989998	-0.001
70	3740.010003	0.001	3939.989998	-0.001
80	3740.010003	0.001	3939.990003	0.001
85	3740.010001	0.000	3939.989999	0.000

NR n77 (3700-3980 MHz) SCS 30 kHz, 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)
4.50	3745.020002	0.001	3934.980003	0.001
4.70	3745.020002	0.001	3934.979996	-0.001
4.90	3745.019999	0.000	3934.980003	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 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)
-40	3745.020003	0.001	3934.980003	0.001
-30	3745.019999	0.000	3934.979998	-0.001
-20	3745.019996	-0.001	3934.979996	-0.001
-10	3745.019998	-0.001	3934.979997	-0.001
0	3745.019998	-0.001	3934.980003	0.001
10	3745.020004	0.001	3934.980004	0.001
20	3745.019998	-0.001	3934.980001	0.000
30	3745.020003	0.001	3934.980004	0.001
40	3745.019998	-0.001	3934.979996	-0.001
50	3745.020002	0.001	3934.979999	0.000
60	3745.020002	0.001	3934.980003	0.001
70	3745.020004	0.001	3934.979998	-0.001
80	3745.019998	-0.001	3934.980002	0.001
85	3745.019999	0.000	3934.979996	-0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 650000 (3750 MHz)		CH 662000 (3930 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
4.50	3749.999999	0.000	3930.000001	0.000
4.70	3750.000004	0.001	3929.999996	-0.001
4.90	3749.999999	0.000	3930.000002	0.001

Note: The applicant defined the normal working voltage is from 4.50 to 4.90 Vdc.

Frequency Stability Versus Temperature				
Temperature (℃)	CH 650000 (3750 MHz)		CH 662000 (3930 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	3749.999997	-0.001	3930.000001	0.000
-30	3750.000002	0.001	3930.000002	0.001
-20	3749.999998	-0.001	3929.999996	-0.001
-10	3749.999997	-0.001	3930.000002	0.001
0	3749.999997	-0.001	3929.999998	-0.001
10	3750.000003	0.001	3929.999998	-0.001
20	3750.000001	0.000	3929.999996	-0.001
30	3750.000002	0.001	3930.000003	0.001
40	3749.999999	0.000	3929.999996	-0.001
50	3750.000001	0.000	3930.000002	0.001
60	3749.999996	-0.001	3930.000004	0.001
70	3750.000001	0.000	3929.999996	-0.001
80	3750.000002	0.001	3930.000004	0.001
85	3749.999999	0.000	3930.000004	0.001

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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