

RF Mode	NB-IoT Band 13	Channel	CH 23278 : 786.8 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	Charles Hsiao		

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	1573.60	-49.00	-40.00	-9.00	1.69 H	12	53.01	-102.01
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1573.60	-44.83	-40.00	-4.83	1.15 V	58	57.18	-102.01

Remarks:

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

7.7.7 NB-IoT Band 14

RF Mode	NB-IoT Band 14	Channel	CH 23282 : 788.2 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	Charles Hsiao		

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	1576.40	-45.39	-40.00	-5.39	1.55 H	112	56.61	-102.00
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	1576.40	-42.07	-40.00	-2.07	1.02 V	69	59.93	-102.00

Remarks:

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

RF Mode	NB-IoT Band 14	Channel	CH 23300 : 793.0 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	Charles Hsiao		

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	-45.26	-40.00	-5.26	1.53 H	114	56.73	-101.99
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	-41.85	-40.00	-1.85	1.01 V	65	60.14	-101.99

Remarks:

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

RF Mode	NB-IoT Band 14	Channel	CH 23378 : 797.8 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	Charles Hsiao		

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	1595.60	-46.03	-40.00	-6.03	1.50 H	129	55.95	-101.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1595.60	-41.86	-40.00	-1.86	1.00 V	55	60.12	-101.98

Remarks:

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

7.7.8 NB-IoT Band 17

RF Mode	NB-IoT Band 17	Channel	CH 23732 : 704.2 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	Charles Hsiao		

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	1408.20	-17.08	-13.00	-4.08	1.41 H	15	87.22	-104.30
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	1408.20	-15.28	-13.00	-2.28	1.60 V	190	89.02	-104.30

Remarks:

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

RF Mode	NB-IoT Band 17	Channel	CH 23790 : 710.0 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	Charles Hsiao		

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	1420.00	-16.82	-13.00	-3.82	1.42 H	19	87.45	-104.27
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	1420.00	-14.16	-13.00	-1.16	1.60 V	191	90.11	-104.27

Remarks:

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

RF Mode	NB-IoT Band 17	Channel	CH 23848 : 715.8 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	Charles Hsiao		

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	1431.80	-17.30	-13.00	-4.30	1.41 H	20	86.95	-104.25
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	1431.80	-14.81	-13.00	-1.81	1.55 V	187	89.44	-104.25

Remarks:

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

7.7.9 NB-IoT Band 25

RF Mode	NB-IoT Band 25	Channel	CH 26042 : 1850.2 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	Charles Hsiao		

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	3700.40	-37.28	-13.00	-24.28	1.50 H	167	58.17	-95.45
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	3700.40	-26.27	-13.00	-13.27	1.55 V	189	69.18	-95.45

Remarks:

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

RF Mode	NB-IoT Band 25	Channel	CH 26365 : 1882.5 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	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-37.07	-13.00	-24.07	1.55 H	165	58.08	-95.15
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-26.04	-13.00	-13.04	1.52 V	175	69.11	-95.15

Remarks:

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

RF Mode	NB-IoT Band 25	Channel	CH 26688 : 1914.8 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	Charles Hsiao		

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	3829.60	-37.55	-13.00	-24.55	1.56 H	177	57.34	-94.89
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	3829.60	-27.01	-13.00	-14.01	1.50 V	166	67.88	-94.89

Remarks:

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

7.7.10 NB-IoT Band 26 (Part 22)

RF Mode	NB-IoT Band 26	Channel	CH 26792 : 824.2 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	Charles Hsiao		

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	1628.20	-43.14	-13.00	-30.14	1.84 H	166	60.95	-104.09
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	1628.20	-38.84	-13.00	-25.84	1.50 V	355	65.25	-104.09

Remarks:

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

RF Mode	NB-IoT Band 26	Channel	CH 26915 : 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	Charles Hsiao		

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	1638.00	-43.00	-13.00	-30.00	1.80 H	166	61.08	-104.08
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	1638.00	-38.75	-13.00	-25.75	1.51 V	359	65.33	-104.08

Remarks:

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

RF Mode	NB-IoT Band 26	Channel	CH 27038 : 848.8 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	Charles Hsiao		

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	1647.80	-43.25	-13.00	-30.25	1.77 H	168	60.82	-104.07
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	1647.80	-39.06	-13.00	-26.06	1.50 V	358	65.01	-104.07

Remarks:

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

7.7.11 NB-IoT Band 26 (Part 90)

RF Mode	NB-IoT Band 26	Channel	CH 26692 : 814.2 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	Charles Hsiao		

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	1648.40	-40.07	-13.00	-27.07	1.84 H	166	64.00	-104.07
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	1648.40	-36.68	-13.00	-23.68	1.55 V	0	67.39	-104.07

Remarks:

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

RF Mode	NB-IoT Band 26	Channel	CH 26740 : 819.0 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	Charles Hsiao		

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	-39.56	-13.00	-26.56	1.85 H	169	64.51	-104.07
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	-36.43	-13.00	-23.43	1.59 V	0	67.64	-104.07

Remarks:

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

RF Mode	NB-IoT Band 26	Channel	CH 26788 : 823.8 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	Charles Hsiao		

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	1697.60	-39.88	-13.00	-26.88	1.84 H	166	64.18	-104.06
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	1697.60	-37.05	-13.00	-24.05	1.55 V	3	67.01	-104.06

Remarks:

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

7.7.12 NB-IoT Band 66

RF Mode	NB-IoT Band 66	Channel	CH 131974 : 1710.2 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	Charles Hsiao		

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	3420.40	-39.85	-13.00	-26.85	1.21 H	333	56.46	-96.31
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	3420.40	-28.08	-13.00	-15.08	1.52 V	50	68.23	-96.31

Remarks:

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

RF Mode	NB-IoT Band 66	Channel	CH132322 : 1745.0 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	Charles Hsiao		

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	-39.65	-13.00	-26.65	1.20 H	320	56.63	-96.28
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	-27.98	-13.00	-14.98	1.51 V	53	68.30	-96.28

Remarks:

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

RF Mode	NB-IoT Band 66	Channel	CH 132670 : 1779.8 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	Charles Hsiao		

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	3559.60	-39.89	-13.00	-26.89	1.18 H	326	56.20	-96.09
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	3559.60	-28.30	-13.00	-15.30	1.50 V	54	67.79	-96.09

Remarks:

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

7.7.13 NB-IoT Band 85

RF Mode	NB-IoT Band 85	Channel	CH 134004 : 698.2 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	Charles Hsiao		

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	1396.40	-18.06	-13.00	-5.06	1.51 H	41	86.24	-104.30
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	1396.40	-16.10	-13.00	-3.10	1.25 V	188	88.20	-104.30

Remarks:

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

RF Mode	NB-IoT Band 85	Channel	CH 134092 : 707.0 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	Charles Hsiao		

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	1414.00	-17.91	-13.00	-4.91	1.50 H	40	86.37	-104.28
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	1414.00	-15.26	-13.00	-2.26	1.30 V	190	89.02	-104.28

Remarks:

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

RF Mode	NB-IoT Band 85	Channel	CH 134180 : 715.8 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	Charles Hsiao		

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	1431.60	-18.22	-13.00	-5.22	1.52 H	33	86.03	-104.25
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	1431.60	-15.48	-13.00	-2.48	1.32 V	188	88.77	-104.25

Remarks:

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

7.8 Frequency Stability

Environmental Conditions:	22°C, 68% RH	Tested By:	Match Tsui
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7.8.1 NB-IoT Band 2

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 18602 (1850.2 MHz)		CH 19198 (1909.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	1850.199997	-0.001621	1909.800000	0.000524
2.5	1850.200003	0.001621	1909.799996	-0.002094
4.4	1850.199998	-0.001081	1909.799995	-0.002618

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 18602 (1850.2 MHz)		CH 19198 (1909.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1850.199997	-0.001621	1909.800003	0.001571
-30	1850.199998	-0.001081	1909.799997	-0.001571
-20	1850.200001	0.000540	1909.799998	-0.001047
-10	1850.200001	0.000540	1909.799997	-0.001571
0	1850.199996	-0.002162	1909.799997	-0.001571
10	1850.200004	0.002162	1909.800005	0.002618
20	1850.200001	0.000540	1909.800005	0.002618
30	1850.199998	-0.001081	1909.800001	0.000524
40	1850.200003	0.001621	1909.800004	0.002094
50	1850.200004	0.002162	1909.799999	-0.000524
60	1850.199995	-0.002702	1909.800003	0.001571
70	1850.200004	0.002162	1909.800005	0.002618
80	1850.199995	-0.002702	1909.800001	0.000524
85	1850.200002	0.001081	1909.799996	-0.002094

7.8.2 NB-IoT Band 4

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 19952 (1710.2 MHz)		CH 20398 (1754.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	1710.200001	0.000585	1754.799999	-0.000570
2.5	1710.200001	0.000585	1754.799997	-0.001710
4.4	1710.200002	0.001169	1754.800005	0.002849

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 19952 (1710.2 MHz)		CH 20398 (1754.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1710.199997	-0.001754	1754.800003	0.001710
-30	1710.199999	-0.000585	1754.800003	0.001710
-20	1710.199996	-0.002339	1754.800003	0.001710
-10	1710.200004	0.002339	1754.800002	0.001140
0	1710.200005	0.002924	1754.800005	0.002849
10	1710.200005	0.002924	1754.799997	-0.001710
20	1710.199999	-0.000585	1754.800004	0.002279
30	1710.200003	0.001754	1754.800001	0.000570
40	1710.199995	-0.002924	1754.800001	0.000570
50	1710.200004	0.002339	1754.800004	0.002279
60	1710.200003	0.001754	1754.800001	0.000570
70	1710.200003	0.001754	1754.800001	0.000570
80	1710.199999	-0.000585	1754.799997	-0.001710
85	1710.199998	-0.001169	1754.799995	-0.002849

7.8.3 NB-IoT Band 5

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 20402 (824.2 MHz)		CH 20648 (848.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	824.200003	0.003640	848.800001	0.001178
2.5	824.200002	0.002427	848.800003	0.003534
4.4	824.199996	-0.004853	848.800004	0.004713

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 20402 (824.2 MHz)		CH 20648 (848.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	824.200005	0.006066	848.799995	-0.005891
-30	824.200004	0.004853	848.800002	0.002356
-20	824.199999	-0.001213	848.799999	-0.001178
-10	824.199998	-0.002427	848.800002	0.002356
0	824.199998	-0.002427	848.800005	0.005891
10	824.199997	-0.003640	848.799995	-0.005891
20	824.200002	0.002427	848.799997	-0.003534
30	824.200004	0.004853	848.799999	-0.001178
40	824.200003	0.003640	848.800004	0.004713
50	824.200003	0.003640	848.800003	0.003534
60	824.199997	-0.003640	848.800001	0.001178
70	824.200003	0.003640	848.799996	-0.004713
80	824.199996	-0.004853	848.800002	0.002356
85	824.200001	0.001213	848.799995	-0.005891

7.8.4 NB-IoT Band 8

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 21627 (897.7 MHz)		CH 21653 (900.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	897.700001	0.001114	900.300003	0.003332
2.5	897.700001	0.001114	900.299995	-0.005554
4.4	897.699995	-0.005570	900.299999	-0.001111

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 21627 (897.7 MHz)		CH 21653 (900.3 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	897.699998	-0.002228	900.300002	0.002221
-30	897.700004	0.004456	900.299996	-0.004443
-20	897.699995	-0.005570	900.299999	-0.001111
-10	897.699998	-0.002228	900.300004	0.004443
0	897.699997	-0.003342	900.299995	-0.005554
10	897.699996	-0.004456	900.300002	0.002221
20	897.700001	0.001114	900.299995	-0.005554
30	897.700002	0.002228	900.300004	0.004443
40	897.700005	0.005570	900.300001	0.001111
50	897.699999	-0.001114	900.300004	0.004443
60	897.700002	0.002228	900.300003	0.003332
70	897.700003	0.003342	900.299997	-0.003332
80	897.699999	-0.001114	900.300004	0.004443
85	897.699997	-0.003342	900.300004	0.004443

7.8.5 NB-IoT Band 12

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23012 (699.2 MHz)		CH 23178 (715.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	699.200001	0.001430	715.799997	-0.004191
2.5	699.200004	0.005721	715.799996	-0.005588
4.4	699.200001	0.001430	715.799998	-0.002794

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 23012 (699.2 MHz)		CH 23178 (715.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	699.199996	-0.005721	715.799998	-0.002794
-30	699.199997	-0.004291	715.800004	0.005588
-20	699.200005	0.007151	715.800005	0.006985
-10	699.199996	-0.005721	715.800002	0.002794
0	699.200005	0.007151	715.800001	0.001397
10	699.200002	0.002860	715.800001	0.001397
20	699.200001	0.001430	715.800005	0.006985
30	699.199996	-0.005721	715.800001	0.001397
40	699.199995	-0.007151	715.800001	0.001397
50	699.199999	-0.001430	715.800001	0.001397
60	699.199997	-0.004291	715.799998	-0.002794
70	699.200004	0.005721	715.799998	-0.002794
80	699.200003	0.004291	715.799999	-0.001397
85	699.199998	-0.002860	715.800002	0.002794

7.8.6 NB-IoT Band 13

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23182 (777.2 MHz)		CH 23278 (786.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	777.199998	-0.002573	786.800005	0.006355
2.5	777.199999	-0.001287	786.799995	-0.006355
4.4	777.200001	0.001287	786.799995	-0.006355

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 23182 (777.2 MHz)		CH 23278 (786.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	777.199996	-0.005147	786.800005	0.006355
-30	777.199998	-0.002573	786.799997	-0.003813
-20	777.200001	0.001287	786.799998	-0.002542
-10	777.200005	0.006433	786.800005	0.006355
0	777.200003	0.003860	786.800005	0.006355
10	777.199998	-0.002573	786.799996	-0.005084
20	777.199996	-0.005147	786.799996	-0.005084
30	777.199996	-0.005147	786.800001	0.001271
40	777.199996	-0.005147	786.799997	-0.003813
50	777.200005	0.006433	786.800004	0.005084
60	777.199995	-0.006433	786.800005	0.006355
70	777.199995	-0.006433	786.800001	0.001271
80	777.200001	0.001287	786.800002	0.002542
85	777.200001	0.001287	786.800004	0.005084

7.8.7 NB-IoT Band 14

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23282 (788.2 MHz)		CH 23378 (797.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	788.200005	0.006344	797.799997	-0.003760
2.5	788.199996	-0.005075	797.800001	0.001253
4.4	788.200001	0.001269	797.800003	0.003760

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 23282 (788.2 MHz)		CH 23378 (797.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	788.199996	-0.005075	797.800002	0.002507
-30	788.199999	-0.001269	797.800001	0.001253
-20	788.199997	-0.003806	797.799996	-0.005014
-10	788.200003	0.003806	797.800005	0.006267
0	788.199999	-0.001269	797.800005	0.006267
10	788.199995	-0.006344	797.799997	-0.003760
20	788.199996	-0.005075	797.799996	-0.005014
30	788.200001	0.001269	797.800001	0.001253
40	788.200001	0.001269	797.800003	0.003760
50	788.200004	0.005075	797.799999	-0.001253
60	788.200005	0.006344	797.800004	0.005014
70	788.200004	0.005075	797.800001	0.001253
80	788.199995	-0.006344	797.799998	-0.002507
85	788.199998	-0.002537	797.800003	0.003760

7.8.8 NB-IoT Band 17

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 23732 (704.2 MHz)		CH 23848 (715.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	704.200002	0.002840	715.799995	-0.006985
2.5	704.199996	-0.005680	715.800005	0.006985
4.4	704.199996	-0.005680	715.800003	0.004191

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 23732 (704.2 MHz)		CH 23848 (715.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	704.200001	0.001420	715.799998	-0.002794
-30	704.200004	0.005680	715.800004	0.005588
-20	704.200001	0.001420	715.800004	0.005588
-10	704.200003	0.004260	715.799998	-0.002794
0	704.199996	-0.005680	715.800001	0.001397
10	704.199998	-0.002840	715.799995	-0.006985
20	704.200005	0.007100	715.799998	-0.002794
30	704.199999	-0.001420	715.799997	-0.004191
40	704.199998	-0.002840	715.800003	0.004191
50	704.199996	-0.005680	715.800001	0.001397
60	704.200002	0.002840	715.799995	-0.006985
70	704.200003	0.004260	715.799999	-0.001397
80	704.199999	-0.001420	715.800001	0.001397
85	704.200001	0.001420	715.800005	0.006985

7.8.9 NB-IoT Band 25

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26042 (1850.2 MHz)		CH 26688 (1914.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	1850.200001	0.000540	1914.800001	0.000522
2.5	1850.200002	0.001081	1914.799998	-0.001044
4.4	1850.199995	-0.002702	1914.799997	-0.001567

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 26042 (1850.2 MHz)		CH 26688 (1914.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1850.200001	0.000540	1914.800005	0.002611
-30	1850.199995	-0.002702	1914.800002	0.001044
-20	1850.200001	0.000540	1914.799995	-0.002611
-10	1850.200003	0.001621	1914.799997	-0.001567
0	1850.200004	0.002162	1914.799995	-0.002611
10	1850.200001	0.000540	1914.799999	-0.000522
20	1850.199999	-0.000540	1914.800005	0.002611
30	1850.199995	-0.002702	1914.800004	0.002089
40	1850.200004	0.002162	1914.800002	0.001044
50	1850.200002	0.001081	1914.799995	-0.002611
60	1850.200001	0.000540	1914.799998	-0.001044
70	1850.199996	-0.002162	1914.800003	0.001567
80	1850.199995	-0.002702	1914.800003	0.001567
85	1850.200001	0.000540	1914.799999	-0.000522

7.8.10 NB-IoT Band 26 (Part 22)

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26792 (824.2 MHz)		CH 27038 (848.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	824.199997	-0.003640	848.799999	-0.001178
2.5	824.200004	0.004853	848.799996	-0.004713
4.4	824.200005	0.006066	848.800001	0.001178

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 26792 (824.2 MHz)		CH 27038 (848.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	824.199997	-0.003640	848.800005	0.005891
-30	824.199998	-0.002427	848.799996	-0.004713
-20	824.200002	0.002427	848.800004	0.004713
-10	824.200003	0.003640	848.799996	-0.004713
0	824.199995	-0.006066	848.800004	0.004713
10	824.199997	-0.003640	848.800004	0.004713
20	824.200003	0.003640	848.800001	0.001178
30	824.200004	0.004853	848.799998	-0.002356
40	824.200005	0.006066	848.800005	0.005891
50	824.199997	-0.003640	848.799995	-0.005891
60	824.199995	-0.006066	848.799995	-0.005891
70	824.200001	0.001213	848.799995	-0.005891
80	824.200002	0.002427	848.799996	-0.004713
85	824.199995	-0.006066	848.800004	0.004713

7.8.11 NB-IoT Band 26 (Part 90)

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 26692 (814.2 MHz)		CH 26788 (823.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	814.200005	0.006141	823.800005	0.006069
2.5	814.200003	0.003685	823.800001	0.001214
4.4	814.200004	0.004913	823.799996	-0.004856

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 26692 (814.2 MHz)		CH 26788 (823.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	814.199998	-0.002456	823.800001	0.001214
-30	814.199999	-0.001228	823.799995	-0.006069
-20	814.199999	-0.001228	823.800001	0.001214
-10	814.199995	-0.006141	823.799998	-0.002428
0	814.199997	-0.003685	823.800002	0.002428
10	814.200003	0.003685	823.800003	0.003642
20	814.200002	0.002456	823.800004	0.004856
30	814.199996	-0.004913	823.800001	0.001214
40	814.199999	-0.001228	823.800002	0.002428
50	814.199997	-0.003685	823.799999	-0.001214
60	814.200004	0.004913	823.800001	0.001214
70	814.200005	0.006141	823.799996	-0.004856
80	814.200001	0.001228	823.800004	0.004856
85	814.199995	-0.006141	823.799995	-0.006069

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Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 131974 (1710.2 MHz)		CH 132670 (1779.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.8	1710.199995	-0.002924	1779.799997	-0.001686
2.5	1710.200001	0.000585	1779.800004	0.002247
4.4	1710.200005	0.002924	1779.799995	-0.002809

Note: The applicant defined the normal working voltage is from 2.5 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 131974 (1710.2 MHz)		CH 132670 (1779.8 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-40	1710.199997	-0.001754	1779.800001	0.000562
-30	1710.200004	0.002339	1779.800001	0.000562
-20	1710.200003	0.001754	1779.800001	0.000562
-10	1710.200002	0.001169	1779.800002	0.001124
0	1710.200004	0.002339	1779.799996	-0.002247
10	1710.199995	-0.002924	1779.799998	-0.001124
20	1710.200001	0.000585	1779.800003	0.001686
30	1710.200002	0.001169	1779.799996	-0.002247
40	1710.199995	-0.002924	1779.800002	0.001124
50	1710.199997	-0.001754	1779.800003	0.001686
60	1710.199997	-0.001754	1779.800001	0.000562
70	1710.200004	0.002339	1779.800005	0.002809
80	1710.200002	0.001169	1779.799999	-0.000562
85	1710.199999	-0.000585	1779.800002	0.001124