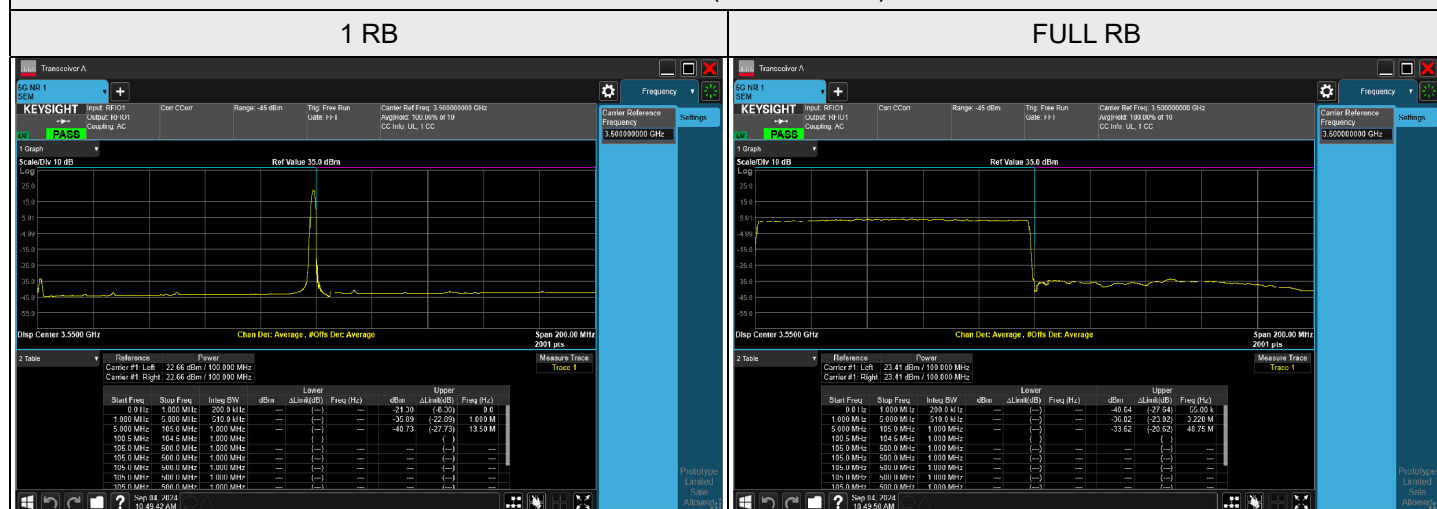
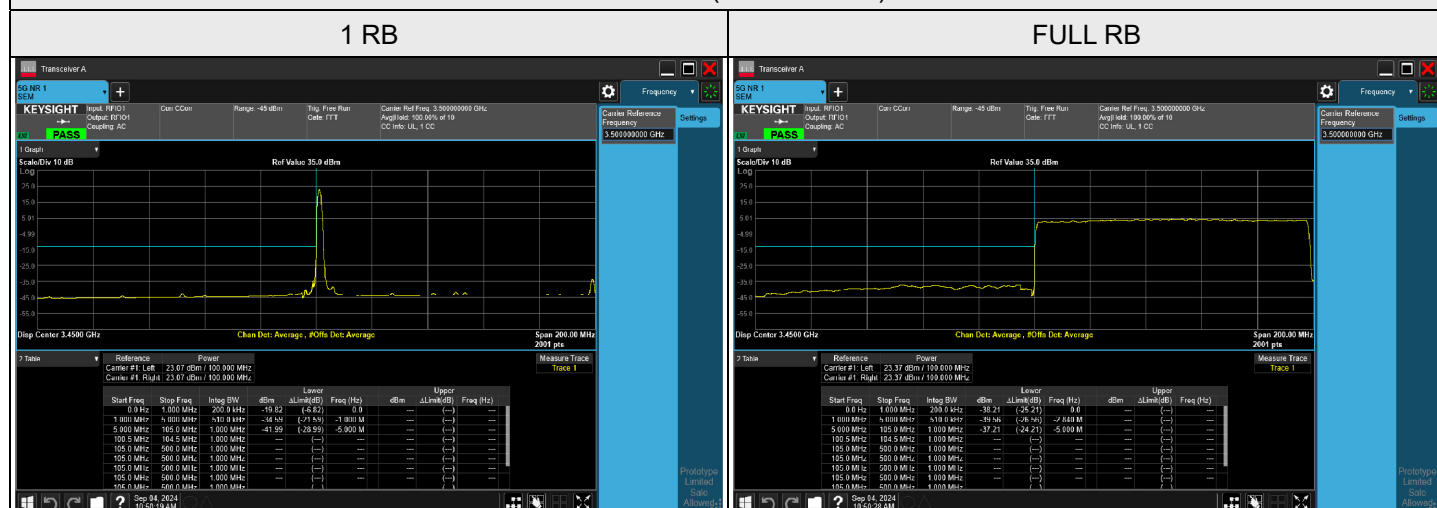


NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 3, Channel Bandwidth: 100 MHz

CH 633332 (3499.98 MHz)



CH 633334 (3500.01 MHz)



7.6 Radiated Spurious Emissions below 1GHz

SISO

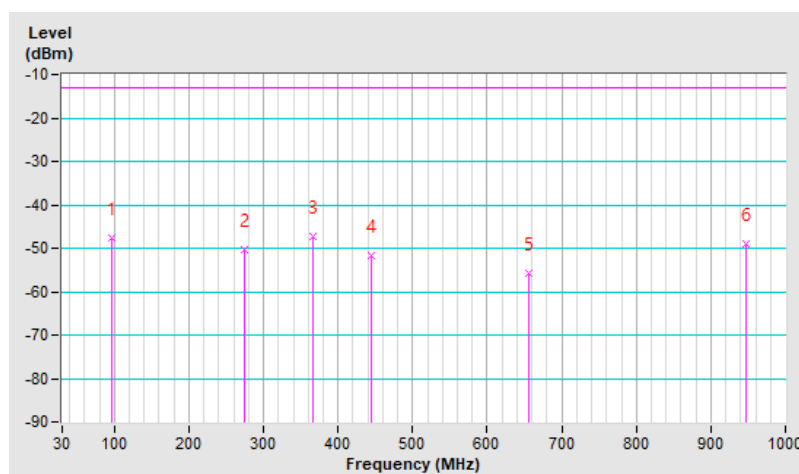
7.6.1 NR n2 SCS 15 kHz

RF Mode	NR n2 Channel Bandwidth: 5MHz	Channel	CH 381500 : 1907.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	95.96	-47.77	-13.00	-34.77	1.25 H	113	66.00	-113.77
2	275.41	-50.34	-13.00	-37.34	1.50 H	321	58.18	-108.52
3	366.59	-47.30	-13.00	-34.30	1.00 H	167	58.80	-106.10
4	444.19	-51.83	-13.00	-38.83	1.50 H	159	52.04	-103.87
5	655.65	-55.86	-13.00	-42.86	1.00 H	2	43.75	-99.61
6	947.62	-48.82	-13.00	-35.82	1.25 H	101	46.74	-95.56

Remarks:

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

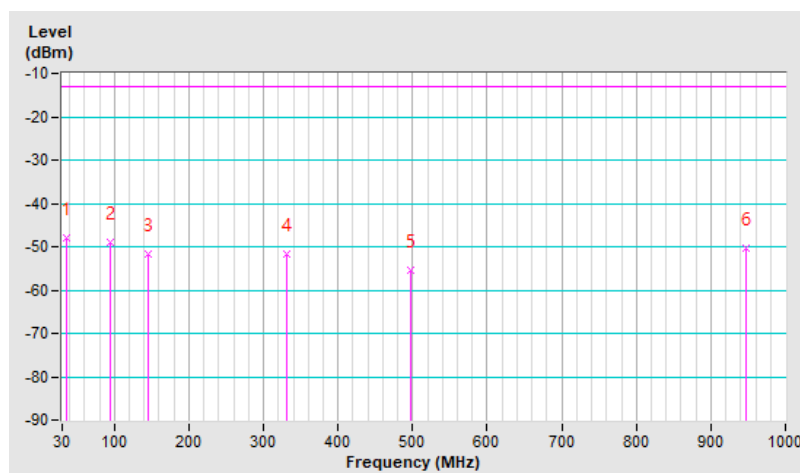


RF Mode	NR n2 Channel Bandwidth: 5MHz	Channel	CH 381500 : 1907.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	36.79	-48.06	-13.00	-35.06	1.25 V	340	61.11	-109.17
2	94.02	-49.11	-13.00	-36.11	1.00 V	144	64.75	-113.86
3	145.43	-51.77	-13.00	-38.77	1.50 V	282	56.67	-108.44
4	331.67	-51.56	-13.00	-38.56	1.25 V	2	55.21	-106.77
5	496.57	-55.56	-13.00	-42.56	1.00 V	149	47.38	-102.94
6	947.62	-50.41	-13.00	-37.41	1.00 V	283	45.15	-95.56

Remarks:

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



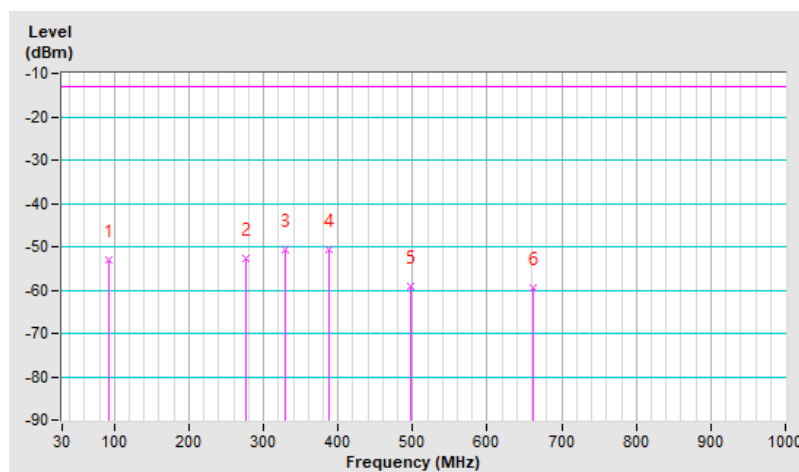
7.6.2 NR n5 SCS 15 kHz

RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167800 : 839 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	93.05	-53.15	-13.00	-40.15	1.50 H	106	62.93	-116.08
2	277.35	-52.57	-13.00	-39.57	1.25 H	310	58.03	-110.60
3	328.76	-50.62	-13.00	-37.62	1.00 H	124	58.37	-108.99
4	386.96	-50.70	-13.00	-37.70	1.00 H	164	56.92	-107.62
5	497.54	-59.18	-13.00	-46.18	1.50 H	167	45.89	-105.07
6	662.44	-59.51	-13.00	-46.51	1.00 H	3	42.29	-101.80

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
+ 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

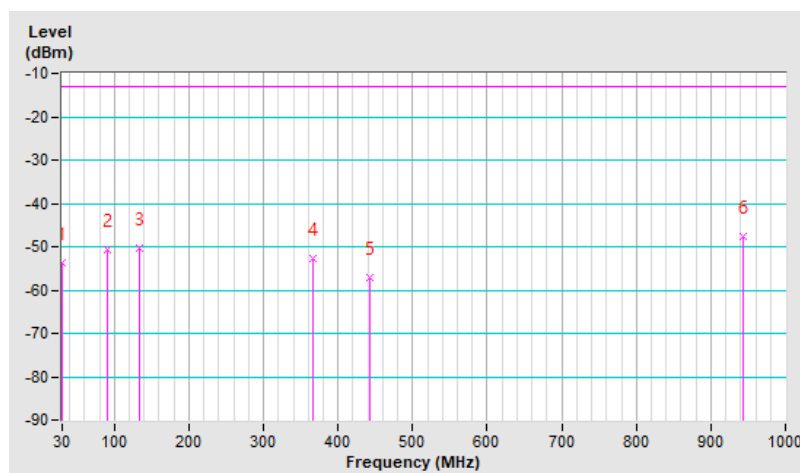


RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167800 : 839 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	30.00	-53.57	-13.00	-40.57	1.25 V	225	58.26	-111.83
2	91.11	-50.60	-13.00	-37.60	1.25 V	160	65.69	-116.29
3	132.82	-50.34	-13.00	-37.34	1.00 V	269	61.17	-111.51
4	365.62	-52.59	-13.00	-39.59	2.00 V	107	55.70	-108.29
5	443.22	-57.22	-13.00	-44.22	1.50 V	214	48.82	-106.04
6	942.77	-47.67	-13.00	-34.67	1.00 V	301	50.06	-97.73

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



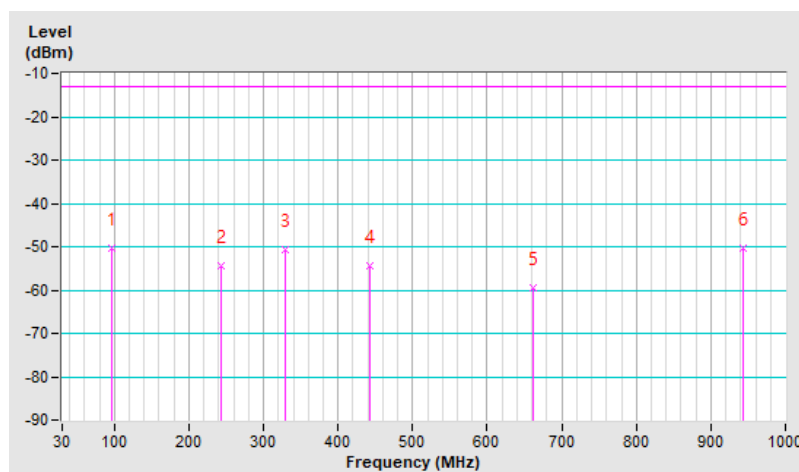
7.6.3 NR n12 SCS 15 kHz

RF Mode	NR n12 Channel Bandwidth: 5MHz	Channel	CH 141500 : 707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	96.93	-50.26	-13.00	-37.26	1.00 H	132	65.54	-115.80
2	242.43	-54.33	-13.00	-41.33	1.50 H	257	57.37	-111.70
3	328.76	-50.62	-13.00	-37.62	1.00 H	124	58.37	-108.99
4	443.22	-54.29	-13.00	-41.29	1.25 H	327	51.75	-106.04
5	662.44	-59.51	-13.00	-46.51	1.00 H	3	42.29	-101.80
6	942.77	-50.25	-13.00	-37.25	1.50 H	255	47.48	-97.73

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

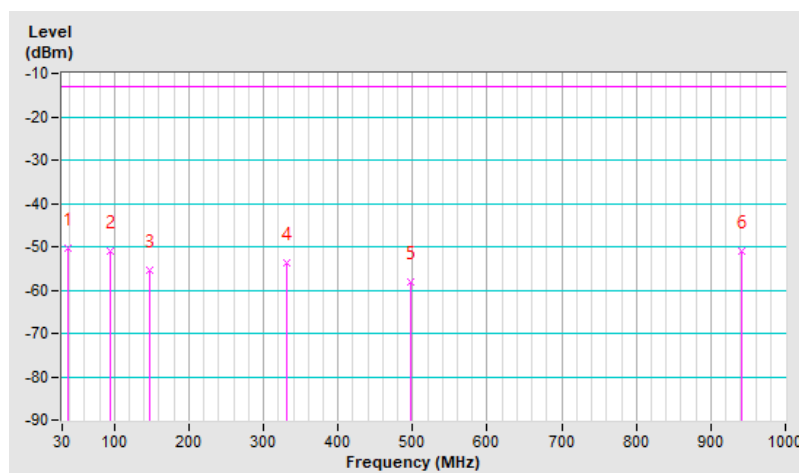


RF Mode	NR n12 Channel Bandwidth: 5MHz	Channel	CH 141500 : 707.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	37.76	-50.30	-13.00	-37.30	1.00 V	3	60.96	-111.26
2	94.99	-51.05	-13.00	-38.05	1.25 V	163	64.81	-115.86
3	146.40	-55.27	-13.00	-42.27	1.50 V	262	55.26	-110.53
4	330.70	-53.77	-13.00	-40.77	1.50 V	322	55.17	-108.94
5	496.57	-58.11	-13.00	-45.11	1.00 V	145	46.98	-105.09
6	941.80	-51.13	-13.00	-38.13	1.25 V	25	46.59	-97.72

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



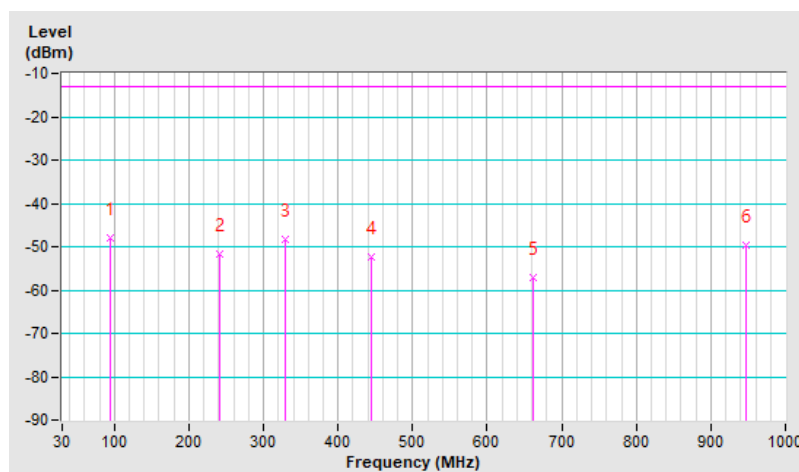
7.6.4 NR n25 SCS 15 kHz

RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 381000 : 1905 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	94.99	-48.13	-13.00	-35.13	1.00 H	114	65.58	-113.71
2	241.46	-51.69	-13.00	-38.69	1.50 H	243	57.89	-109.58
3	329.73	-48.20	-13.00	-35.20	1.25 H	117	58.61	-106.81
4	444.19	-52.42	-13.00	-39.42	1.00 H	340	51.45	-103.87
5	661.47	-57.10	-13.00	-44.10	1.25 H	120	42.55	-99.65
6	947.62	-49.77	-13.00	-36.77	1.50 H	167	45.79	-95.56

Remarks:

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

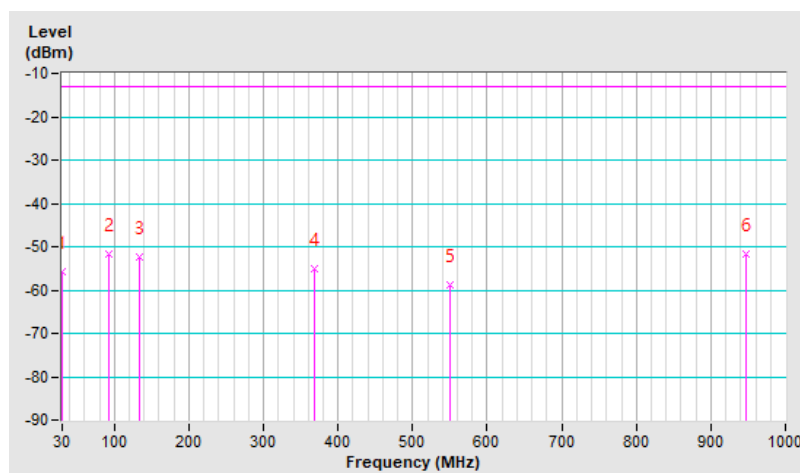


RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 381000 : 1905 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	30.00	-55.68	-13.00	-42.68	1.50 V	150	54.00	-109.68
2	93.05	-51.62	-13.00	-38.62	1.00 V	153	62.31	-113.93
3	133.79	-52.33	-13.00	-39.33	1.25 V	287	56.94	-109.27
4	367.56	-55.14	-13.00	-42.14	1.50 V	105	50.92	-106.06
5	550.89	-58.92	-13.00	-45.92	1.00 V	122	43.04	-101.96
6	947.62	-51.75	-13.00	-38.75	2.00 V	274	43.81	-95.56

Remarks:

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



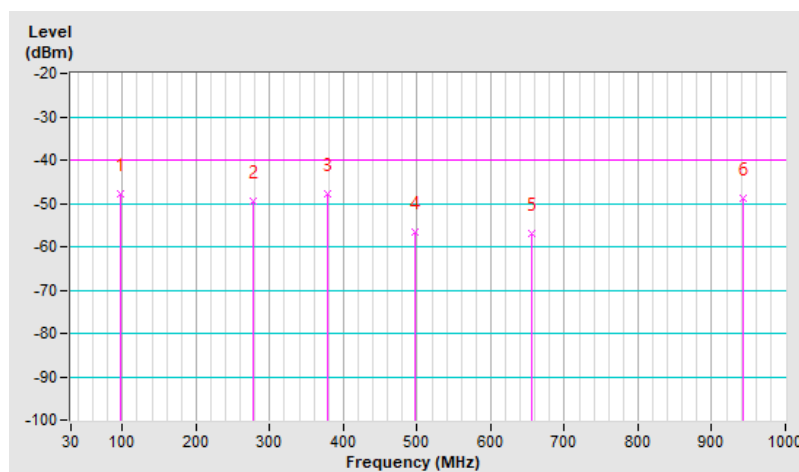
7.6.5 NR n30 SCS 15 kHz

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

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	97.90	-47.94	-40.00	-7.94	1.50 H	119	65.36	-113.30
2	278.32	-49.53	-40.00	-9.53	1.00 H	323	58.89	-108.42
3	379.20	-47.68	-40.00	-7.68	1.25 H	167	58.00	-105.68
4	497.54	-56.77	-40.00	-16.77	1.00 H	178	46.15	-102.92
5	655.65	-56.98	-40.00	-16.98	1.25 H	128	42.63	-99.61
6	942.77	-48.83	-40.00	-8.83	1.00 H	99	46.75	-95.58

Remarks:

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

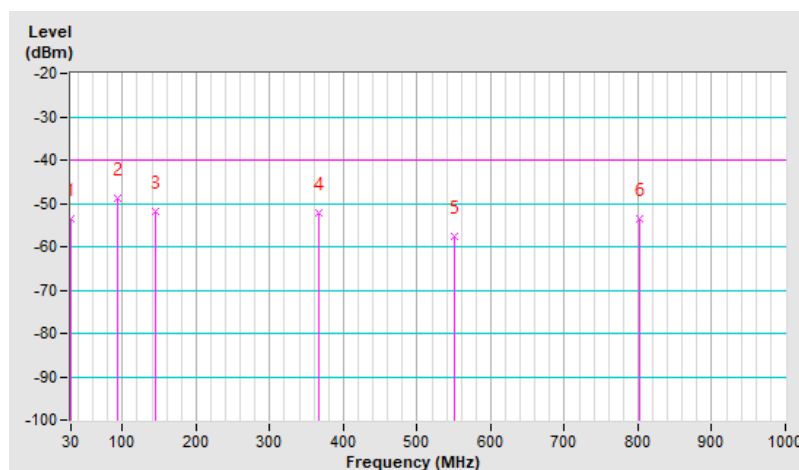


RF Mode	NR n30 Channel Bandwidth: 10MHz	Channel	CH 462000 : 2310 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	30.00	-53.44	-40.00	-13.44	1.00 V	233	56.24	-109.68
2	94.02	-48.94	-40.00	-8.94	1.50 V	152	64.92	-113.86
3	144.46	-51.87	-40.00	-11.87	2.00 V	274	56.66	-108.53
4	365.62	-52.35	-40.00	-12.35	1.25 V	106	53.79	-106.14
5	550.89	-57.60	-40.00	-17.60	1.00 V	114	44.36	-101.96
6	801.15	-53.57	-40.00	-13.57	1.50 V	199	43.86	-97.43

Remarks:

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



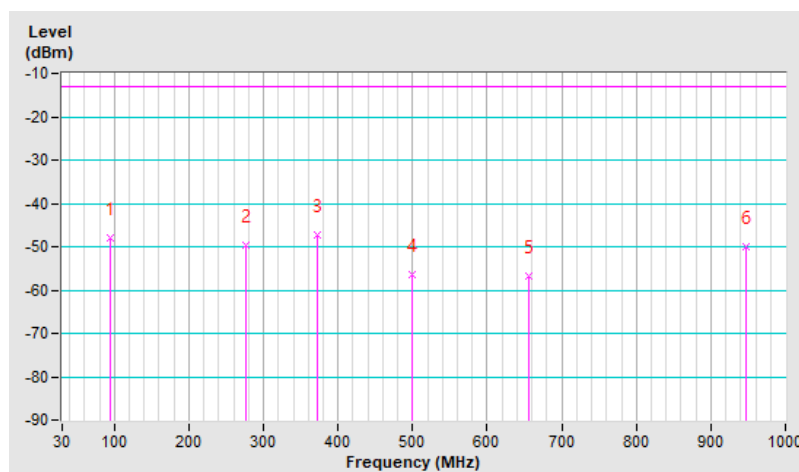
7.6.6 NR n66 SCS 15 kHz

RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 352000 : 1760 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	94.99	-47.87	-13.00	-34.87	1.25 H	131	65.84	-113.71
2	277.35	-49.66	-13.00	-36.66	1.50 H	321	58.79	-108.45
3	372.41	-47.12	-13.00	-34.12	1.00 H	155	58.76	-105.88
4	498.51	-56.40	-13.00	-43.40	1.50 H	126	46.51	-102.91
5	656.62	-56.78	-13.00	-43.78	1.00 H	2	42.84	-99.62
6	947.62	-49.86	-13.00	-36.86	1.25 H	2	45.70	-95.56

Remarks:

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

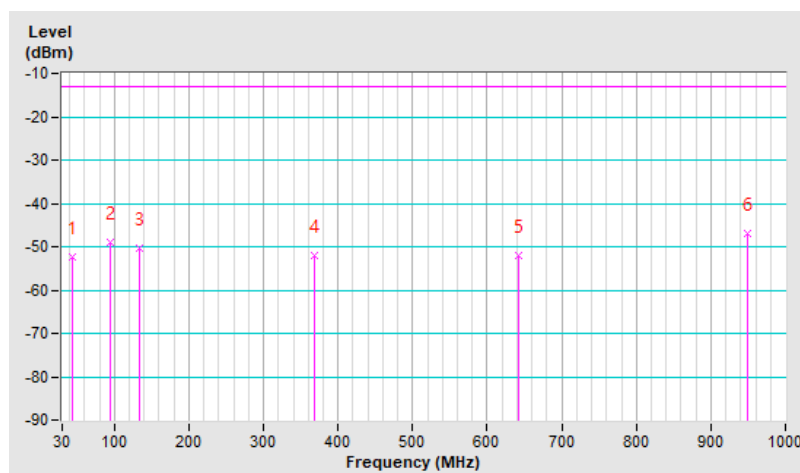


RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 352000 : 1760 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	44.55	-52.49	-13.00	-39.49	1.50 V	340	56.02	-108.51
2	94.99	-48.96	-13.00	-35.96	1.00 V	151	64.75	-113.71
3	133.79	-50.27	-13.00	-37.27	1.25 V	266	59.00	-109.27
4	368.53	-52.16	-13.00	-39.16	1.00 V	94	53.85	-106.01
5	642.07	-52.07	-13.00	-39.07	1.50 V	325	47.51	-99.58
6	948.59	-46.86	-13.00	-33.86	1.25 V	313	48.69	-95.55

Remarks:

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



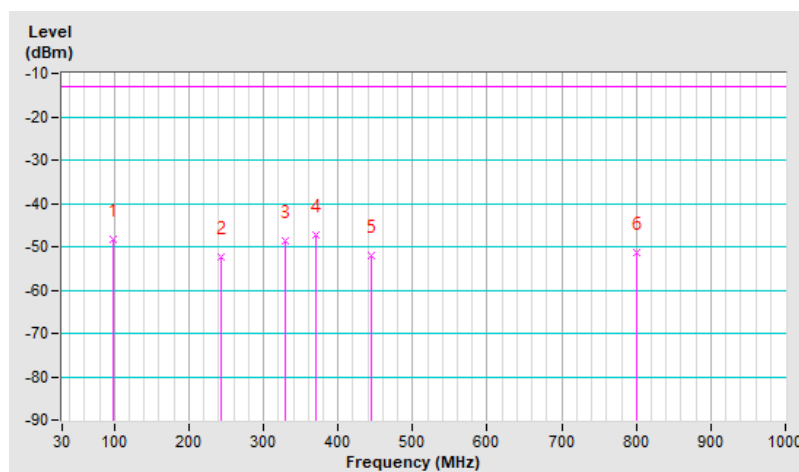
7.6.7 NR n71 SCS 15 kHz

RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	97.90	-48.32	-13.00	-35.32	1.25 H	122	64.98	-113.30
2	242.43	-52.33	-13.00	-39.33	1.00 H	252	57.22	-109.55
3	328.76	-48.72	-13.00	-35.72	1.50 H	107	58.12	-106.84
4	369.50	-47.38	-13.00	-34.38	1.25 H	164	58.59	-105.97
5	444.19	-52.20	-13.00	-39.20	1.00 H	318	51.67	-103.87
6	800.18	-51.49	-13.00	-38.49	1.25 H	170	45.91	-97.40

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

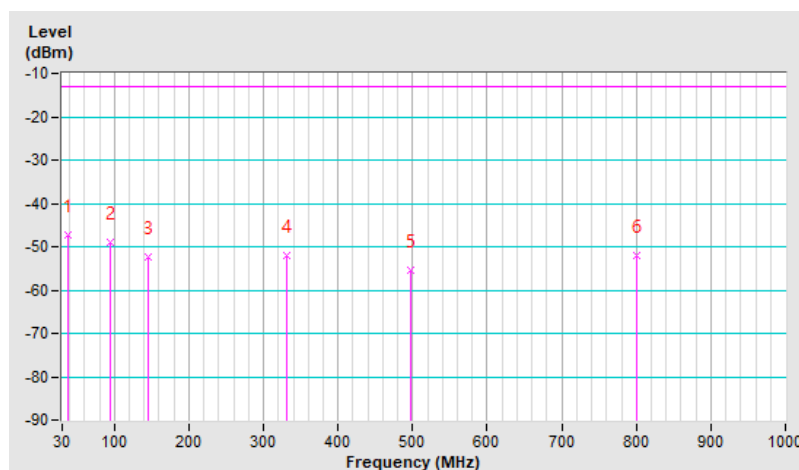


RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	37.76	-47.43	-13.00	-34.43	1.50 V	294	61.68	-109.11
2	94.99	-49.07	-13.00	-36.07	1.25 V	144	64.64	-113.71
3	145.43	-52.26	-13.00	-39.26	1.00 V	264	56.18	-108.44
4	330.70	-52.11	-13.00	-39.11	2.00 V	36	54.68	-106.79
5	497.54	-55.43	-13.00	-42.43	1.00 V	144	47.49	-102.92
6	801.15	-52.13	-13.00	-39.13	1.50 V	72	45.30	-97.43

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) + $20\log(D) - 104.8 - 2.15$
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



MIMO

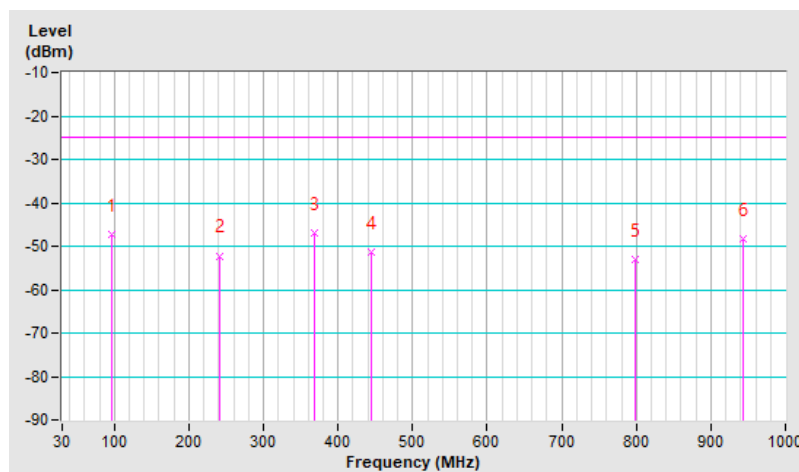
7.6.8 NR n41 SCS 30 kHz

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 528000 : 2640 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	95.88	-47.39	-25.00	-22.39	1.00 H	120	66.37	-113.76
2	241.46	-52.20	-25.00	-27.20	1.00 H	234	57.38	-109.58
3	368.41	-47.10	-25.00	-22.10	1.00 H	172	58.92	-106.02
4	444.00	-51.40	-25.00	-26.40	1.50 H	319	52.47	-103.87
5	799.23	-52.90	-25.00	-27.90	2.00 H	111	44.54	-97.44
6	942.68	-48.40	-25.00	-23.40	1.00 H	99	47.18	-95.58

Remarks:

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

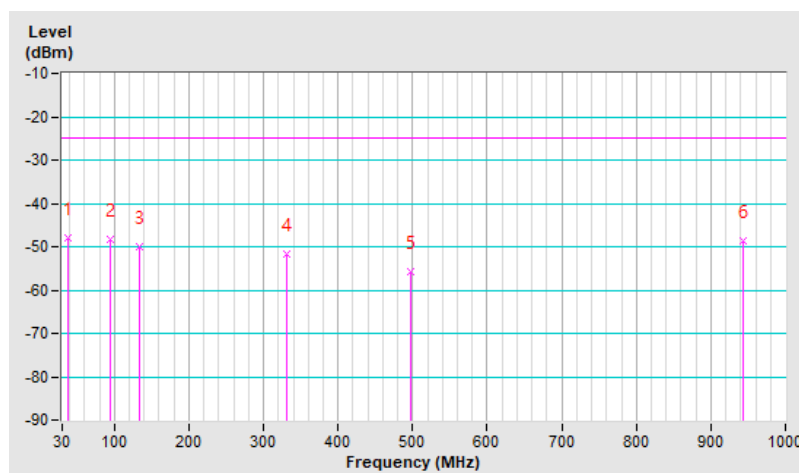


RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 528000 : 2640 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	37.77	-47.81	-25.00	-22.81	1.50 V	39	61.30	-109.11
2	93.99	-48.33	-25.00	-23.33	1.00 V	180	65.53	-113.86
3	133.79	-50.15	-25.00	-25.15	1.50 V	196	59.12	-109.27
4	331.67	-51.85	-25.00	-26.85	1.50 V	327	54.92	-106.77
5	497.54	-55.70	-25.00	-30.70	2.00 V	8	47.22	-102.92
6	942.77	-48.49	-25.00	-23.49	1.50 V	152	47.09	-95.58

Remarks:

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



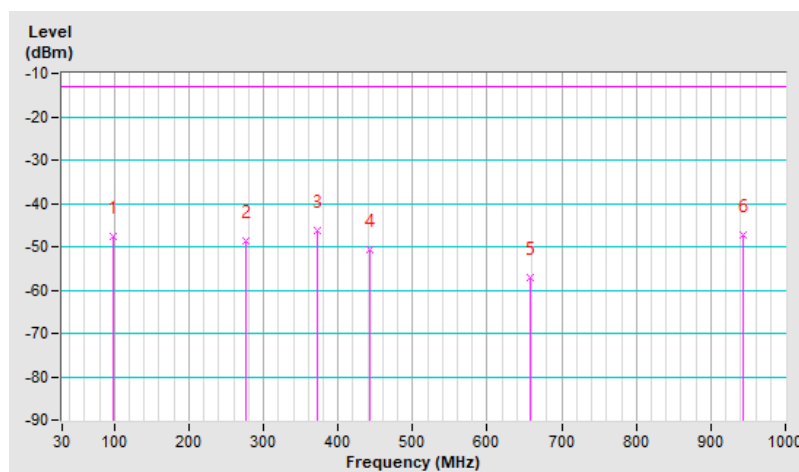
7.6.9 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 636332 : 3544.98 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	97.88	-47.59	-13.00	-34.59	1.00 H	125	65.72	-113.31
2	277.33	-48.71	-13.00	-35.71	2.00 H	333	59.74	-108.45
3	371.39	-46.24	-13.00	-33.24	1.51 H	125	59.66	-105.90
4	443.11	-50.80	-13.00	-37.80	1.50 H	328	53.10	-103.90
5	658.34	-57.15	-13.00	-44.15	2.00 H	112	42.48	-99.63
6	942.36	-47.27	-13.00	-34.27	1.50 H	318	48.30	-95.57

Remarks:

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

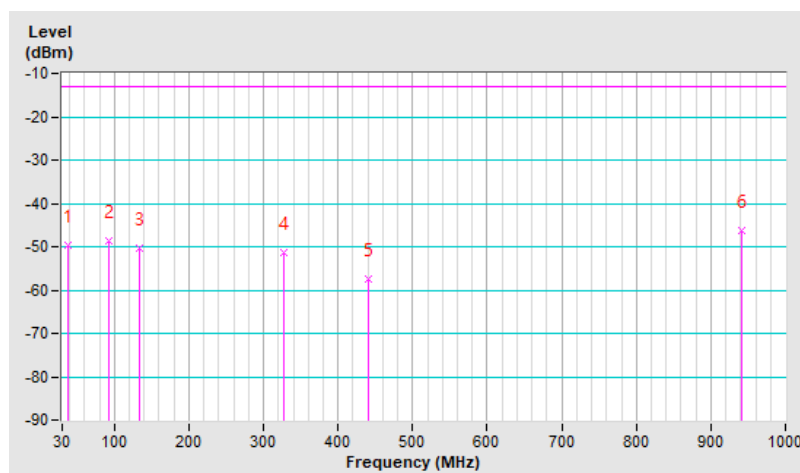


RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 636332 : 3544.98 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	38.63	-49.83	-13.00	-36.83	1.50 V	15	59.12	-108.95
2	93.15	-48.48	-13.00	-35.48	1.00 V	166	65.44	-113.92
3	133.90	-50.48	-13.00	-37.48	1.50 V	266	58.78	-109.26
4	327.71	-51.19	-13.00	-38.19	1.50 V	302	55.68	-106.87
5	440.44	-57.42	-13.00	-44.42	1.00 V	212	46.56	-103.98
6	940.99	-46.27	-13.00	-33.27	1.50 V	297	49.31	-95.58

Remarks:

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



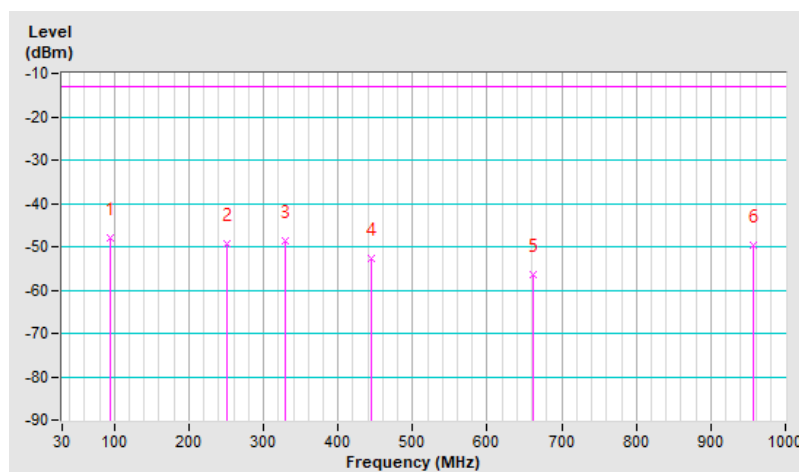
7.6.10 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 663666 : 3954.99 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	94.99	-48.05	-13.00	-35.05	1.50 H	133	65.66	-113.71
2	250.11	-49.48	-13.00	-36.48	1.53 H	241	59.89	-109.37
3	329.92	-48.60	-13.00	-35.60	2.00 H	123	58.20	-106.80
4	444.23	-52.55	-13.00	-39.55	1.50 H	342	51.32	-103.87
5	661.33	-56.53	-13.00	-43.53	1.00 H	20	43.12	-99.65
6	957.62	-49.63	-13.00	-36.63	1.50 H	67	45.87	-95.50

Remarks:

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

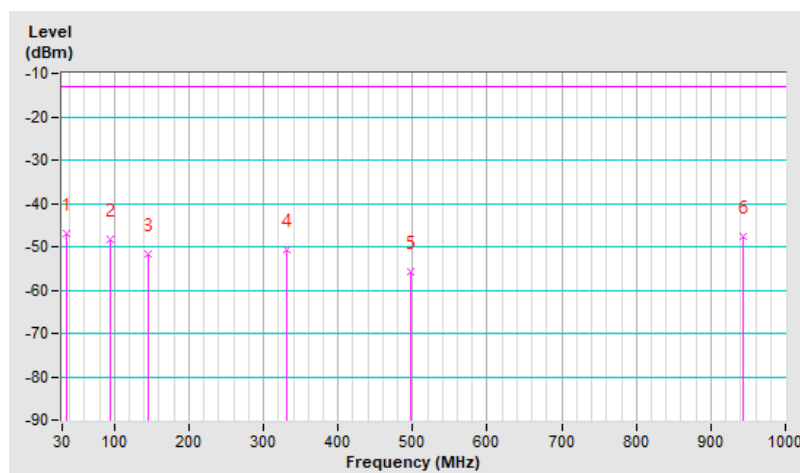


RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 663666 : 3954.99 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	36.83	-47.05	-13.00	-34.05	1.50 V	247	62.11	-109.16
2	94.22	-48.28	-13.00	-35.28	1.50 V	192	65.55	-113.83
3	145.32	-51.58	-13.00	-38.58	2.00 V	261	56.87	-108.45
4	331.34	-50.56	-13.00	-37.56	2.00 V	222	56.21	-106.77
5	496.63	-55.66	-13.00	-42.66	1.00 V	149	47.28	-102.94
6	942.77	-47.67	-13.00	-34.67	1.50 V	301	47.91	-95.58

Remarks:

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



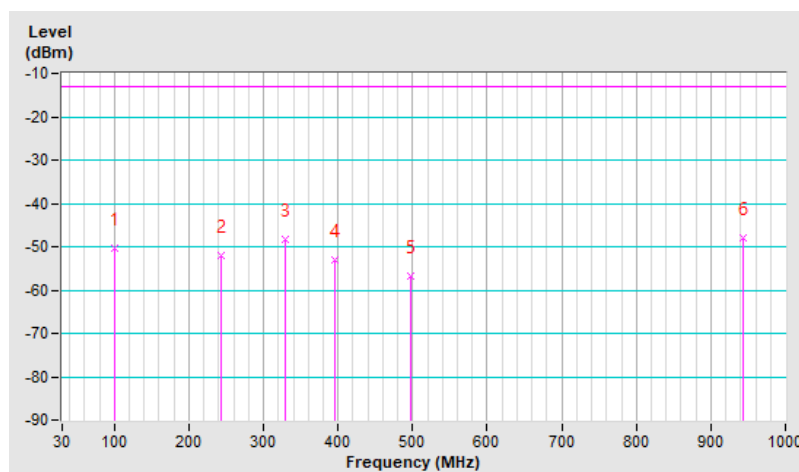
7.6.11 NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

RF Mode	NR n78 Channel Bandwidth: 10MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	99.84	-50.22	-13.00	-37.22	1.00 H	145	62.68	-112.90
2	243.40	-52.04	-13.00	-39.04	1.25 H	239	57.48	-109.52
3	328.76	-48.25	-13.00	-35.25	1.50 H	116	58.59	-106.84
4	396.66	-52.94	-13.00	-39.94	1.25 H	166	52.33	-105.27
5	497.54	-56.75	-13.00	-43.75	1.00 H	176	46.17	-102.92
6	943.74	-48.01	-13.00	-35.01	1.50 H	346	47.58	-95.59

Remarks:

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

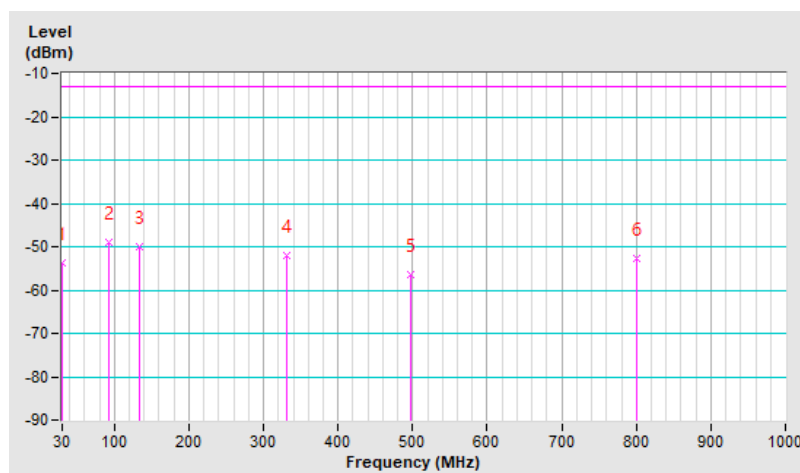


RF Mode	NR n78 Channel Bandwidth: 10MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22 °C, 68 % RH
Tested By	Greg Lin		

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	30.00	-53.69	-13.00	-40.69	1.00 V	191	55.99	-109.68
2	93.05	-49.09	-13.00	-36.09	1.50 V	173	64.84	-113.93
3	132.82	-50.14	-13.00	-37.14	1.25 V	238	59.22	-109.36
4	330.70	-52.05	-13.00	-39.05	1.00 V	9	54.74	-106.79
5	496.57	-56.46	-13.00	-43.46	2.00 V	139	46.48	-102.94
6	800.18	-52.82	-13.00	-39.82	1.50 V	151	44.58	-97.40

Remarks:

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



7.7 Radiated Spurious Emissions above 1GHz

SISO

7.7.1 NR n2 SCS 15 kHz

RF Mode	NR n2 Channel Bandwidth: 5MHz	Channel	CH 370500 : 1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	-49.84	-13.00	-36.84	1.82 H	53	45.63	-95.47
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	3705.00	-50.16	-13.00	-37.16	1.58 V	120	45.31	-95.47

Remarks:

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

RF Mode	NR n2 Channel Bandwidth: 5MHz	Channel	CH 376000 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-49.67	-13.00	-36.67	2.56 H	188	45.44	-95.11
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-49.49	-13.00	-36.49	1.96 V	151	45.62	-95.11

Remarks:

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

RF Mode	NR n2 Channel Bandwidth: 5MHz	Channel	CH 381500 : 1907.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3815.00	-49.65	-13.00	-36.65	1.94 H	256	45.28	-94.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3815.00	-48.85	-13.00	-35.85	1.85 V	153	46.08	-94.93

Remarks:

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

RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 372000 : 1860 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-49.02	-13.00	-36.02	2.05 H	162	46.34	-95.36
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-49.18	-13.00	-36.18	1.56 V	199	46.18	-95.36

Remarks:

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

RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 376000 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-49.26	-13.00	-36.26	1.38 H	180	45.85	-95.11
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-49.00	-13.00	-36.00	2.14 V	72	46.11	-95.11

Remarks:

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

RF Mode	NR n2 Channel Bandwidth: 20MHz	Channel	CH 380000 : 1900 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3800.00	-49.18	-13.00	-36.18	1.26 H	332	45.82	-95.00
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	3800.00	-48.93	-13.00	-35.93	2.21 V	149	46.07	-95.00

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	NR n2 Channel Bandwidth: 40MHz	Channel	CH 374000 : 1870 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.00	-49.46	-13.00	-36.46	1.22 H	335	45.74	-95.20
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	3740.00	-49.19	-13.00	-36.19	2.22 V	158	46.01	-95.20

Remarks:

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

RF Mode	NR n2 Channel Bandwidth: 40MHz	Channel	CH 376000 : 1880 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-49.34	-13.00	-36.34	1.28 H	329	45.77	-95.11
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3760.00	-49.05	-13.00	-36.05	2.14 V	169	46.06	-95.11

Remarks:

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

RF Mode	NR n2 Channel Bandwidth: 40MHz	Channel	CH 378000 : 1890 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3780.00	-49.25	-13.00	-36.25	1.33 H	308	45.80	-95.05
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	3780.00	-49.04	-13.00	-36.04	2.19 V	153	46.01	-95.05

Remarks:

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

7.7.2 NR n5 SCS 15 kHz

RF Mode	NR n5 Channel Bandwidth: 5MHz	Channel	CH 165300 : 826.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1653.00	-55.24	-13.00	-42.24	1.64 H	228	48.60	-103.84
2	2479.50	-55.49	-13.00	-42.49	1.39 H	271	45.46	-100.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1653.00	-52.84	-13.00	-39.84	1.72 V	159	51.00	-103.84
2	2479.50	-52.60	-13.00	-39.60	2.53 V	102	48.35	-100.95

Remarks:

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

RF Mode	NR n5 Channel Bandwidth: 5MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-54.38	-13.00	-41.38	2.63 H	115	49.47	-103.85
2	2509.50	-54.16	-13.00	-41.16	1.74 H	159	46.71	-100.87
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	-50.77	-13.00	-37.77	1.45 V	38	53.08	-103.85
2	2509.50	-52.23	-13.00	-39.23	1.90 V	71	48.64	-100.87

Remarks:

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

RF Mode	NR n5 Channel Bandwidth: 5MHz	Channel	CH 169300 : 846.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1693.00	-55.01	-13.00	-42.01	2.32 H	105	48.82	-103.83
2	2539.50	-53.55	-13.00	-40.55	1.94 H	131	47.22	-100.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1693.00	-51.25	-13.00	-38.25	2.42 V	193	52.58	-103.83
2	2539.50	-51.98	-13.00	-38.98	1.33 V	29	48.79	-100.77

Remarks:

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

RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 166800 : 834 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.00	-55.56	-13.00	-42.56	1.34 H	229	48.28	-103.84
2	2502.00	-54.63	-13.00	-41.63	2.15 H	117	46.27	-100.90
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1668.00	-53.17	-13.00	-40.17	1.26 V	294	50.67	-103.84
2	2502.00	-52.71	-13.00	-39.71	2.28 V	214	48.19	-100.90

Remarks:

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

RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167300 : 836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1673.00	-54.77	-13.00	-41.77	2.32 H	98	49.08	-103.85
2	2509.50	-53.74	-13.00	-40.74	1.22 H	135	47.13	-100.87
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	-51.99	-13.00	-38.99	2.12 V	135	51.86	-103.85
2	2509.50	-53.23	-13.00	-40.23	1.92 V	237	47.64	-100.87

Remarks:

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

RF Mode	NR n5 Channel Bandwidth: 20MHz	Channel	CH 167800 : 839 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1678.00	-55.41	-13.00	-42.41	2.41 H	272	48.43	-103.84
2	2517.00	-52.87	-13.00	-39.87	1.39 H	36	47.98	-100.85
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1678.00	-49.99	-13.00	-36.99	1.96 V	113	53.85	-103.84
2	2517.00	-51.26	-13.00	-38.26	2.35 V	84	49.59	-100.85

Remarks:

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

7.7.3 NR n12 SCS 15 kHz

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

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1403.00	-59.33	-13.00	-46.33	1.12 H	249	44.75	-104.08
2	2104.50	-53.47	-13.00	-40.47	2.63 H	118	48.55	-102.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1403.00	-59.15	-13.00	-46.15	1.25 V	262	44.93	-104.08
2	2104.50	-50.17	-13.00	-37.17	1.50 V	182	51.85	-102.02

Remarks:

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

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

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1415.00	-58.65	-13.00	-45.65	1.32 H	83	45.40	-104.05
2	2122.50	-56.48	-13.00	-43.48	1.93 H	222	45.47	-101.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1415.00	-59.21	-13.00	-46.21	2.38 V	152	44.84	-104.05
2	2122.50	-42.15	-13.00	-29.15	1.77 V	236	59.80	-101.95

Remarks:

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

RF Mode	NR n12 Channel Bandwidth: 5MHz	Channel	CH 142700 : 713.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1427.00	-59.04	-13.00	-46.04	1.68 H	233	44.98	-104.02
2	2140.50	-52.35	-13.00	-39.35	1.94 H	25	49.51	-101.86
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1427.00	-57.69	-13.00	-44.69	1.53 V	293	46.33	-104.02
2	2140.50	-47.81	-13.00	-34.81	1.42 V	218	54.05	-101.86

Remarks:

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

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

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1413.00	-58.93	-13.00	-45.93	1.59 H	94	45.13	-104.06
2	2119.50	-54.10	-13.00	-41.10	2.23 H	164	47.86	-101.96
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1413.00	-58.80	-13.00	-45.80	1.36 V	65	45.26	-104.06
2	2119.50	-50.33	-13.00	-37.33	2.45 V	112	51.63	-101.96

Remarks:

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

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

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1415.00	-58.73	-13.00	-45.73	1.88 H	134	45.32	-104.05
2	2122.50	-56.26	-13.00	-43.26	1.90 H	31	45.69	-101.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1415.00	-58.91	-13.00	-45.91	1.85 V	274	45.14	-104.05
2	2122.50	-51.03	-13.00	-38.03	2.06 V	112	50.92	-101.95

Remarks:

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

RF Mode	NR n12 Channel Bandwidth: 15MHz	Channel	CH 141700 : 708.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1417.00	-57.51	-13.00	-44.51	1.33 H	206	46.54	-104.05
2	2125.50	-56.52	-13.00	-43.52	1.95 H	147	45.40	-101.92
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1417.00	-59.71	-13.00	-46.71	2.20 V	61	44.34	-104.05
2	2125.50	-56.42	-13.00	-43.42	1.94 V	51	45.50	-101.92

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.

7.7.4 NR n25 SCS 15 kHz

RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 370500 : 1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	-50.50	-13.00	-37.50	1.62 H	48	44.97	-95.47
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	3705.00	-50.43	-13.00	-37.43	1.24 V	273	45.04	-95.47

Remarks:

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

RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 376500 : 1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-50.20	-13.00	-37.20	2.45 H	184	44.89	-95.09
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	3765.00	-50.44	-13.00	-37.44	1.82 V	265	44.65	-95.09

Remarks:

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

RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 382500 : 1912.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3825.00	-49.95	-13.00	-36.95	1.81 H	271	44.93	-94.88
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3825.00	-49.80	-13.00	-36.80	1.46 V	81	45.08	-94.88

Remarks:

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

RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 372000 : 1860 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-50.30	-13.00	-37.30	2.31 H	284	45.06	-95.36
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-50.07	-13.00	-37.07	1.57 V	121	45.29	-95.36

Remarks:

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

RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 376500 : 1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-49.78	-13.00	-36.78	1.52 H	104	45.31	-95.09
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	3765.00	-50.25	-13.00	-37.25	1.08 V	145	44.84	-95.09

Remarks:

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

RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 381000 : 1905 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3810.00	-50.27	-13.00	-37.27	2.83 H	171	44.68	-94.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3810.00	-49.67	-13.00	-36.67	1.42 V	94	45.28	-94.95

Remarks:

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

RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 374000 : 1870 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.00	-50.41	-13.00	-37.41	1.25 H	148	44.79	-95.20
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	3740.00	-50.00	-13.00	-37.00	2.41 V	199	45.20	-95.20

Remarks:

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

RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 376500 : 1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-49.98	-13.00	-36.98	2.21 H	167	45.11	-95.09
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	3765.00	-50.26	-13.00	-37.26	1.90 V	341	44.83	-95.09

Remarks:

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

RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 379000 : 1895 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3790.00	-50.44	-13.00	-37.44	1.61 H	253	44.58	-95.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3790.00	-50.00	-13.00	-37.00	2.55 V	143	45.02	-95.02

Remarks:

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

7.7.5 NR n30 SCS 15 kHz

RF Mode	NR n30 Channel Bandwidth: 5MHz	Channel	CH 461500 : 2307.5 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4615.00	-47.17	-40.00	-7.17	1.14 H	135	46.23	-93.40
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4615.00	-47.39	-40.00	-7.39	1.05 V	194	46.01	-93.40

Remarks:

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

RF Mode	NR n30 Channel Bandwidth: 5MHz	Channel	CH 462000 : 2310 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4620.00	-47.45	-40.00	-7.45	1.67 H	212	45.94	-93.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4620.00	-47.53	-40.00	-7.53	2.05 V	177	45.86	-93.39

Remarks:

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

RF Mode	NR n30 Channel Bandwidth: 5MHz	Channel	CH 462500 : 2312.5 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4625.00	-47.45	-40.00	-7.45	1.96 H	152	45.93	-93.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4625.00	-47.21	-40.00	-7.21	2.33 V	149	46.17	-93.38

Remarks:

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

RF Mode	NR n30 Channel Bandwidth: 10MHz	Channel	CH 462000 : 2310 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4620.00	-47.17	-40.00	-7.17	1.72 H	312	46.22	-93.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4620.00	-47.30	-40.00	-7.30	2.51 V	193	46.09	-93.39

Remarks:

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

7.7.6 NR n66 SCS 15 kHz

RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 342500 : 1712.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3425.00	-50.93	-13.00	-37.93	1.39 H	174	45.41	-96.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3425.00	-50.33	-13.00	-37.33	1.38 V	253	46.01	-96.34

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-50.75	-13.00	-37.75	1.50 H	213	45.44	-96.19
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	-50.95	-13.00	-37.95	1.88 V	241	45.24	-96.19

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 355500 : 1777.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3555.00	-50.15	-13.00	-37.15	2.51 H	148	45.83	-95.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3555.00	-49.66	-13.00	-36.66	1.88 V	247	46.32	-95.98

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 20MHz	Channel	CH 344000 : 1720 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-49.87	-13.00	-36.87	1.49 H	273	46.51	-96.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-50.57	-13.00	-37.57	2.29 V	152	45.81	-96.38

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 20MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-50.90	-13.00	-37.90	1.33 H	264	45.29	-96.19
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	-50.88	-13.00	-37.88	1.88 V	53	45.31	-96.19

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 20MHz	Channel	CH 354000 : 1770 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3540.00	-49.85	-13.00	-36.85	2.18 H	122	46.17	-96.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3540.00	-50.29	-13.00	-37.29	1.08 V	141	45.73	-96.02

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 346000 : 1730 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.00	-49.53	-13.00	-36.53	2.35 H	182	46.81	-96.34
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.00	-50.01	-13.00	-37.01	1.28 V	131	46.33	-96.34

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-49.95	-13.00	-36.95	1.77 H	51	46.24	-96.19
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	-50.42	-13.00	-37.42	1.06 V	305	45.77	-96.19

Remarks:

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

RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 352000 : 1760 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3520.00	-50.70	-13.00	-37.70	1.69 H	224	45.38	-96.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3520.00	-49.45	-13.00	-36.45	2.77 V	104	46.63	-96.08

Remarks:

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

7.7.7 NR n71 SCS 15 kHz

RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 133100 : 665.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1331.00	-56.59	-13.00	-43.59	2.21 H	118	47.52	-104.11
2	1996.50	-56.20	-13.00	-43.20	1.38 H	163	45.92	-102.12
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	1331.00	-58.19	-13.00	-45.19	1.52 V	240	45.92	-104.11
2	1996.50	-54.76	-13.00	-41.76	2.16 V	115	47.36	-102.12

Remarks:

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

RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-55.04	-13.00	-42.04	1.88 H	274	49.01	-104.05
2	2041.50	-56.28	-13.00	-43.28	2.11 H	196	45.72	-102.00
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	1361.00	-58.64	-13.00	-45.64	2.41 V	118	45.41	-104.05
2	2041.50	-56.07	-13.00	-43.07	2.63 V	94	45.93	-102.00

Remarks:

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

RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 139100 : 695.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1391.00	-59.29	-13.00	-46.29	2.23 H	210	44.79	-104.08
2	2086.50	-56.44	-13.00	-43.44	1.96 H	269	45.59	-102.03
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	1391.00	-58.89	-13.00	-45.89	2.28 V	236	45.19	-104.08
2	2086.50	-54.84	-13.00	-41.84	1.47 V	73	47.19	-102.03

Remarks:

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

RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 134600 : 673 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1346.00	-58.68	-13.00	-45.68	1.38 H	268	45.38	-104.06
2	2019.00	-56.54	-13.00	-43.54	1.25 H	157	45.51	-102.05
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	1346.00	-55.39	-13.00	-42.39	2.77 V	132	48.67	-104.06
2	2019.00	-55.38	-13.00	-42.38	2.32 V	107	46.67	-102.05

Remarks:

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

RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-58.04	-13.00	-45.04	1.88 H	263	46.01	-104.05
2	2041.50	-56.16	-13.00	-43.16	2.27 H	151	45.84	-102.00
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	1361.00	-58.13	-13.00	-45.13	1.53 V	229	45.92	-104.05
2	2041.50	-54.21	-13.00	-41.21	2.31 V	250	47.79	-102.00

Remarks:

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

RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 137600 : 688 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1376.00	-59.32	-13.00	-46.32	2.23 H	240	44.75	-104.07
2	2064.00	-55.77	-13.00	-42.77	1.86 H	241	46.23	-102.00
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	1376.00	-59.06	-13.00	-46.06	1.96 V	26	45.01	-104.07
2	2064.00	-55.53	-13.00	-42.53	2.61 V	220	46.47	-102.00

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.

MIMO

7.7.8 NR n41 SCS 30 kHz

RF Mode	NR n41 Channel Bandwidth: 10MHz	Channel	CH 502002 : 2510.01 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5002.02	-44.43	-25.00	-19.43	2.11 H	62	48.35	-92.78
2	7503.03	-37.43	-25.00	-12.43	1.93 H	225	49.84	-87.27
3	10004.04	-37.95	-25.00	-12.95	1.84 H	293	49.26	-87.21
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	5002.02	-46.22	-25.00	-21.22	1.85 V	143	46.56	-92.78
2	7503.03	-38.53	-25.00	-13.53	1.69 V	226	48.74	-87.27
3	10004.04	-33.80	-25.00	-8.80	1.72 V	149	53.41	-87.21

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 10MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-47.88	-25.00	-22.88	1.83 H	325	44.78	-92.66
2	7778.97	-42.26	-25.00	-17.26	2.06 H	100	45.55	-87.81
3	10371.96	-29.96	-25.00	-4.96	1.64 H	122	57.08	-87.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-47.86	-25.00	-22.86	1.26 V	293	44.80	-92.66
2	7778.97	-43.03	-25.00	-18.03	2.01 V	152	44.78	-87.81
3	10371.96	-27.44	-25.00	-2.44	1.47 V	23	59.60	-87.04

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 10MHz	Channel	CH 537000 : 2685 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5370.00	-48.64	-25.00	-23.64	1.31 H	259	44.02	-92.66
2	8055.00	-38.90	-25.00	-13.90	2.68 H	31	48.34	-87.24
3	10740.00	-36.23	-25.00	-11.23	1.27 H	148	51.47	-87.70
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	5370.00	-48.39	-25.00	-23.39	2.21 V	105	44.27	-92.66
2	8055.00	-39.07	-25.00	-14.07	1.25 V	184	48.17	-87.24
3	10740.00	-28.83	-25.00	-3.83	1.83 V	229	58.87	-87.70

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 50MHz	Channel	CH 504204 : 2521.02 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5042.04	-49.00	-25.00	-24.00	1.26 H	263	43.69	-92.69
2	7563.06	-42.53	-25.00	-17.53	1.89 H	34	45.01	-87.54
3	10084.08	-37.45	-25.00	-12.45	1.10 H	127	49.81	-87.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5042.04	-48.51	-25.00	-23.51	1.77 V	241	44.18	-92.69
2	7563.06	-43.03	-25.00	-18.03	1.15 V	251	44.51	-87.54
3	10084.08	-34.02	-25.00	-9.02	1.32 V	108	53.24	-87.26

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 50MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-48.35	-25.00	-23.35	1.47 H	79	44.31	-92.66
2	7778.97	-42.45	-25.00	-17.45	2.93 H	182	45.36	-87.81
3	10371.96	-29.73	-25.00	-4.73	1.77 H	191	57.31	-87.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-47.49	-25.00	-22.49	2.23 V	211	45.17	-92.66
2	7778.97	-42.88	-25.00	-17.88	1.96 V	152	44.93	-87.81
3	10371.96	-27.27	-25.00	-2.27	1.83 V	72	59.77	-87.04

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 50MHz	Channel	CH 532998 : 2664.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5329.98	-46.20	-25.00	-21.20	1.88 H	142	46.47	-92.67
2	7994.97	-41.84	-25.00	-16.84	1.93 H	232	45.50	-87.34
3	10659.96	-35.94	-25.00	-10.94	1.72 H	111	51.50	-87.44
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	5329.98	-46.72	-25.00	-21.72	1.52 V	263	45.95	-92.67
2	7994.97	-41.83	-25.00	-16.83	1.89 V	29	45.51	-87.34
3	10659.96	-31.91	-25.00	-6.91	1.74 V	251	55.53	-87.44

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 509202 : 2546.01 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5092.02	-48.07	-25.00	-23.07	1.77 H	253	44.46	-92.53
2	7638.03	-43.89	-25.00	-18.89	1.53 H	293	43.88	-87.77
3	10184.04	-37.35	-25.00	-12.35	2.71 H	115	49.91	-87.26
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5092.02	-48.62	-25.00	-23.62	1.58 V	94	43.91	-92.53
2	7638.03	-43.07	-25.00	-18.07	2.11 V	139	44.70	-87.77
3	10184.04	-33.80	-25.00	-8.80	1.06 V	112	53.46	-87.26

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-47.60	-25.00	-22.60	1.38 H	94	45.06	-92.66
2	7778.97	-42.89	-25.00	-17.89	2.10 H	124	44.92	-87.81
3	10371.96	-33.11	-25.00	-8.11	2.36 H	171	53.93	-87.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-48.21	-25.00	-23.21	1.53 V	237	44.45	-92.66
2	7778.97	-42.63	-25.00	-17.63	1.48 V	271	45.18	-87.81
3	10371.96	-27.99	-25.00	-2.99	2.36 V	181	59.05	-87.04

Remarks:

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

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 528000 : 2640 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5280.00	-47.30	-25.00	-22.30	1.61 H	208	45.41	-92.71
2	7920.00	-42.67	-25.00	-17.67	1.54 H	133	44.77	-87.44
3	10560.00	-31.64	-25.00	-6.64	1.96 H	88	55.39	-87.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5280.00	-47.66	-25.00	-22.66	1.00 V	0	45.05	-92.71
2	7920.00	-42.17	-25.00	-17.17	1.00 V	0	45.27	-87.44
3	10560.00	-26.55	-25.00	-1.55	1.00 V	0	60.48	-87.03

Remarks:

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

7.7.9 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

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

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6910.02	-52.10	-13.00	-39.10	1.27 H	259	35.63	-87.73
2	10365.03	-49.25	-13.00	-36.25	1.88 H	161	37.79	-87.04
3	13820.04	-45.09	-13.00	-32.09	2.94 H	156	41.39	-86.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6910.02	-51.85	-13.00	-38.85	1.92 V	253	35.88	-87.73
2	10365.03	-48.78	-13.00	-35.78	1.86 V	228	38.26	-87.04
3	13820.04	-44.62	-13.00	-31.62	1.51 V	184	41.86	-86.48

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-51.77	-13.00	-38.77	1.72 H	125	35.99	-87.76
2	10500.03	-47.20	-13.00	-34.20	1.96 H	36	39.89	-87.09
3	14000.04	-40.59	-13.00	-27.59	1.84 H	125	45.04	-85.63
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-49.01	-13.00	-36.01	1.71 V	215	38.75	-87.76
2	10500.03	-46.21	-13.00	-33.21	2.13 V	75	40.88	-87.09
3	14000.04	-38.51	-13.00	-25.51	1.22 V	241	47.12	-85.63

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 636332 : 3544.98 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7089.96	-48.35	-13.00	-35.35	1.52 H	323	39.29	-87.64
2	10634.94	-47.61	-13.00	-34.61	1.97 H	224	39.64	-87.25
3	14179.92	-39.84	-13.00	-26.84	1.88 H	131	46.22	-86.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7089.96	-45.23	-13.00	-32.23	1.38 V	229	42.41	-87.64
2	10634.94	-41.81	-13.00	-28.81	1.31 V	148	45.44	-87.25
3	14179.92	-32.77	-13.00	-19.77	2.89 V	93	53.29	-86.06

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 631668 : 3475.02 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6950.04	-51.96	-13.00	-38.96	1.46 H	283	35.82	-87.78
2	10425.06	-49.36	-13.00	-36.36	1.77 H	253	37.68	-87.04
3	13900.08	-44.88	-13.00	-31.88	1.20 H	323	41.33	-86.21
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6950.04	-52.25	-13.00	-39.25	2.41 V	119	35.53	-87.78
2	10425.06	-48.55	-13.00	-35.55	1.75 V	226	38.49	-87.04
3	13900.08	-44.74	-13.00	-31.74	1.39 V	61	41.47	-86.21

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-52.85	-13.00	-39.85	1.31 H	290	34.91	-87.76
2	10500.03	-48.22	-13.00	-35.22	1.51 H	105	38.87	-87.09
3	14000.04	-39.74	-13.00	-26.74	1.63 H	259	45.89	-85.63
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-48.79	-13.00	-35.79	1.53 V	296	38.97	-87.76
2	10500.03	-44.14	-13.00	-31.14	1.77 V	31	42.95	-87.09
3	14000.04	-39.24	-13.00	-26.24	2.28 V	124	46.39	-85.63

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 635000 : 3525 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7050.00	-50.16	-13.00	-37.16	2.82 H	134	37.47	-87.63
2	10575.00	-48.00	-13.00	-35.00	1.95 H	236	39.01	-87.01
3	14100.00	-42.62	-13.00	-29.62	1.71 H	12	43.69	-86.31
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	7050.00	-43.14	-13.00	-30.14	1.36 V	283	44.49	-87.63
2	10575.00	-43.02	-13.00	-30.02	2.21 V	59	43.99	-87.01
3	14100.00	-34.15	-13.00	-21.15	1.72 V	201	52.16	-86.31

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	NR n77 Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-52.67	-13.00	-39.67	1.88 H	126	35.09	-87.76
2	10500.03	-48.94	-13.00	-35.94	1.84 H	115	38.15	-87.09
3	14000.04	-44.20	-13.00	-31.20	2.39 H	164	41.43	-85.63
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-52.44	-13.00	-39.44	1.88 V	215	35.32	-87.76
2	10500.03	-47.33	-13.00	-34.33	1.74 V	226	39.76	-87.09
3	14000.04	-41.72	-13.00	-28.72	2.63 V	94	43.91	-85.63

Remarks:

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

7.7.10 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

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

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7410.00	-51.83	-13.00	-38.83	1.62 H	212	35.58	-87.41
2	11115.00	-44.70	-13.00	-31.70	1.86 H	304	42.14	-86.84
3	14820.00	-44.46	-13.00	-31.46	1.85 H	242	41.53	-85.99
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	7410.00	-46.48	-13.00	-33.48	1.84 V	55	40.93	-87.41
2	11115.00	-39.21	-13.00	-26.21	1.26 V	210	47.63	-86.84
3	14820.00	-37.71	-13.00	-24.71	2.39 V	164	48.28	-85.99

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	NR n77 Channel Bandwidth: 10MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-51.15	-13.00	-38.15	1.30 H	222	36.60	-87.75
2	11520.00	-44.03	-13.00	-31.03	1.84 H	227	42.78	-86.81
3	15360.00	-42.92	-13.00	-29.92	1.96 H	327	42.92	-85.84
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-47.18	-13.00	-34.18	1.38 V	84	40.57	-87.75
2	11520.00	-40.75	-13.00	-27.75	1.79 V	112	46.06	-86.81
3	15360.00	-41.35	-13.00	-28.35	2.47 V	193	44.49	-85.84

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 10MHz	Channel	CH 665000 : 3975 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7950.00	-45.51	-13.00	-32.51	2.11 H	293	41.86	-87.37
2	11925.00	-38.96	-13.00	-25.96	1.75 H	158	47.67	-86.63
3	15900.00	-42.58	-13.00	-29.58	2.20 H	164	42.83	-85.41
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	-41.97	-13.00	-28.97	1.66 V	283	45.40	-87.37
2	11925.00	-34.38	-13.00	-21.38	2.11 V	143	52.25	-86.63
3	15900.00	-43.39	-13.00	-30.39	1.96 V	110	42.02	-85.41

Remarks:

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

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

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7450.02	-51.81	-13.00	-38.81	2.45 H	181	35.56	-87.37
2	11175.03	-46.37	-13.00	-33.37	1.93 H	112	40.77	-87.14
3	14900.04	-45.12	-13.00	-32.12	1.87 H	38	41.59	-86.71
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7450.02	-47.78	-13.00	-34.78	1.88 V	26	39.59	-87.37
2	11175.03	-37.67	-13.00	-24.67	2.83 V	178	49.47	-87.14
3	14900.04	-40.05	-13.00	-27.05	2.63 V	105	46.66	-86.71

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-51.29	-13.00	-38.29	1.72 H	209	36.46	-87.75
2	11520.00	-42.75	-13.00	-29.75	1.59 H	64	44.06	-86.81
3	15360.00	-43.60	-13.00	-30.60	1.20 H	162	42.24	-85.84
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-46.95	-13.00	-33.95	2.25 V	195	40.80	-87.75
2	11520.00	-39.82	-13.00	-26.82	1.72 V	239	46.99	-86.81
3	15360.00	-41.07	-13.00	-28.07	1.88 V	151	44.77	-85.84

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 50MHz	Channel	CH 663666 : 3954.99 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7909.98	-45.79	-13.00	-32.79	2.76 H	156	41.67	-87.46
2	11864.97	-41.94	-13.00	-28.94	2.61 H	93	44.65	-86.59
3	15819.96	-42.77	-13.00	-29.77	1.55 H	121	41.55	-84.32
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7909.98	-41.01	-13.00	-28.01	1.38 V	172	46.45	-87.46
2	11864.97	-33.22	-13.00	-20.22	1.66 V	239	53.37	-86.59
3	15819.96	-40.70	-13.00	-27.70	2.27 V	150	43.62	-84.32

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 650000 : 3750 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7500.00	-46.49	-13.00	-33.49	1.82 H	255	40.76	-87.25
2	11250.00	-46.21	-13.00	-33.21	1.27 H	197	40.96	-87.17
3	15000.00	-41.75	-13.00	-28.75	2.53 H	109	43.53	-85.28
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	7500.00	-45.29	-13.00	-32.29	1.56 V	226	41.96	-87.25
2	11250.00	-41.65	-13.00	-28.65	1.38 V	124	45.52	-87.17
3	15000.00	-41.65	-13.00	-28.65	2.38 V	104	43.63	-85.28

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	NR n77 Channel Bandwidth: 100MHz	Channel	CH 656000 : 3840 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-50.86	-13.00	-37.86	1.82 H	53	36.89	-87.75
2	11520.00	-46.50	-13.00	-33.50	2.26 H	108	40.31	-86.81
3	15360.00	-43.18	-13.00	-30.18	2.11 H	128	42.66	-85.84
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7680.00	-47.50	-13.00	-34.50	2.45 V	61	40.25	-87.75
2	11520.00	-44.48	-13.00	-31.48	1.30 V	210	42.33	-86.81
3	15360.00	-43.35	-13.00	-30.35	1.89 V	306	42.49	-85.84

Remarks:

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

RF Mode	NR n77 Channel Bandwidth: 100MHz	Channel	CH 662000 : 3930 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7860.00	-48.37	-13.00	-35.37	1.42 H	188	39.21	-87.58
2	11790.00	-44.08	-13.00	-31.08	1.68 H	229	42.50	-86.58
3	15720.00	-42.57	-13.00	-29.57	1.42 H	51	42.09	-84.66
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	7860.00	-39.57	-13.00	-26.57	1.61 V	216	48.01	-87.58
2	11790.00	-36.00	-13.00	-23.00	1.85 V	239	50.58	-86.58
3	15720.00	-41.97	-13.00	-28.97	2.56 V	182	42.69	-84.66

Remarks:

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

7.7.11 NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

RF Mode	NR n78 Channel Bandwidth: 10MHz	Channel	CH 630334 : 3455.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6910.02	-52.45	-13.00	-39.45	1.35 H	189	35.28	-87.73
2	10365.03	-49.45	-13.00	-36.45	1.94 H	341	37.59	-87.04
3	13820.04	-44.69	-13.00	-31.69	1.47 H	226	41.79	-86.48
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6910.02	-51.49	-13.00	-38.49	1.91 V	124	36.24	-87.73
2	10365.03	-49.40	-13.00	-36.40	1.06 V	132	37.64	-87.04
3	13820.04	-44.94	-13.00	-31.94	2.73 V	253	41.54	-86.48

Remarks:

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

RF Mode	NR n78 Channel Bandwidth: 10MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-52.55	-13.00	-39.55	1.06 H	84	35.21	-87.76
2	10500.03	-49.48	-13.00	-36.48	2.40 H	135	37.61	-87.09
3	14000.04	-43.89	-13.00	-30.89	1.23 H	194	41.74	-85.63
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-51.98	-13.00	-38.98	2.10 V	106	35.78	-87.76
2	10500.03	-49.63	-13.00	-36.63	2.31 V	148	37.46	-87.09
3	14000.04	-43.62	-13.00	-30.62	1.28 V	16	42.01	-85.63

Remarks:

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

RF Mode	NR n78 Channel Bandwidth: 10MHz	Channel	CH 636332 : 3544.98 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7089.96	-51.30	-13.00	-38.30	2.93 H	148	36.34	-87.64
2	10634.94	-49.80	-13.00	-36.80	1.63 H	118	37.45	-87.25
3	14179.92	-44.15	-13.00	-31.15	1.30 H	49	41.91	-86.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7089.96	-52.02	-13.00	-39.02	1.39 V	67	35.62	-87.64
2	10634.94	-50.14	-13.00	-37.14	2.21 V	135	37.11	-87.25
3	14179.92	-43.73	-13.00	-30.73	2.37 V	121	42.33	-86.06

Remarks:

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

RF Mode	NR n78 Channel Bandwidth: 50MHz	Channel	CH 631668 : 3475.02 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6950.04	-51.53	-13.00	-38.53	1.83 H	54	36.25	-87.78
2	10425.06	-49.02	-13.00	-36.02	1.26 H	344	38.02	-87.04
3	13900.08	-44.99	-13.00	-31.99	2.15 H	128	41.22	-86.21
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6950.04	-52.04	-13.00	-39.04	1.31 V	128	35.74	-87.78
2	10425.06	-49.57	-13.00	-36.57	1.43 V	182	37.47	-87.04
3	13900.08	-44.67	-13.00	-31.67	2.40 V	43	41.54	-86.21

Remarks:

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

RF Mode	NR n78 Channel Bandwidth: 50MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-52.48	-13.00	-39.48	2.38 H	124	35.28	-87.76
2	10500.03	-49.73	-13.00	-36.73	2.64 H	141	37.36	-87.09
3	14000.04	-44.16	-13.00	-31.16	1.59 H	280	41.47	-85.63
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-52.07	-13.00	-39.07	1.58 V	104	35.69	-87.76
2	10500.03	-49.54	-13.00	-36.54	1.53 V	52	37.55	-87.09
3	14000.04	-43.96	-13.00	-30.96	1.21 V	323	41.67	-85.63

Remarks:

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

RF Mode	NR n78 Channel Bandwidth: 50MHz	Channel	CH 635000 : 3525 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7050.00	-51.78	-13.00	-38.78	1.32 H	209	35.85	-87.63
2	10575.00	-49.82	-13.00	-36.82	2.12 H	19	37.19	-87.01
3	14100.00	-43.62	-13.00	-30.62	1.28 H	134	42.69	-86.31
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	7050.00	-51.50	-13.00	-38.50	1.74 V	314	36.13	-87.63
2	10575.00	-49.59	-13.00	-36.59	2.47 V	182	37.42	-87.01
3	14100.00	-45.12	-13.00	-32.12	2.81 V	105	41.19	-86.31

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	NR n78 Channel Bandwidth: 100MHz	Channel	CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23 °C, 67 % RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-52.12	-13.00	-39.12	2.01 H	176	35.64	-87.76
2	10500.03	-49.54	-13.00	-36.54	1.32 H	335	37.55	-87.09
3	14000.04	-44.36	-13.00	-31.36	1.58 H	162	41.27	-85.63
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7000.02	-52.42	-13.00	-39.42	1.86 V	112	35.34	-87.76
2	10500.03	-49.80	-13.00	-36.80	1.24 V	118	37.29	-87.09
3	14000.04	-44.10	-13.00	-31.10	1.35 V	129	41.53	-85.63

Remarks:

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

7.8 Frequency Stability

Environmental Conditions:	20°C, 73% RH	Tested By:	James Yang
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7.8.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 370500 (1852.5 MHz)		CH 381500 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1852.500001	0.0005	1907.500001	0.0005
3.8	1852.499995	-0.0027	1907.499997	-0.0016
4.4	1852.499999	-0.0005	1907.499997	-0.0016

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 370500 (1852.5 MHz)		CH 381500 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1852.500001	0.0005	1907.500004	0.0021
-20	1852.499999	-0.0005	1907.499998	-0.001
-10	1852.499994	-0.0032	1907.499998	-0.001
0	1852.499999	-0.0005	1907.500003	0.0016
10	1852.499992	-0.0043	1907.499992	-0.0042
20	1852.499992	-0.0043	1907.499991	-0.0047
30	1852.499993	-0.0038	1907.499991	-0.0047
40	1852.500005	0.0027	1907.500005	0.0026
50	1852.499999	-0.0005	1907.499998	-0.001
60	1852.500004	0.0022	1907.500005	0.0026
70	1852.499992	-0.0043	1907.499992	-0.0042
75	1852.50001	0.0054	1907.500006	0.0031

NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 371000 (1855 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1854.99999	-0.0054	1904.999992	-0.0042
3.8	1855.000002	0.0011	1904.999997	-0.0016
4.4	1854.999991	-0.0049	1904.999995	-0.0026

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 371000 (1855 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1855.000007	0.0038	1905.000004	0.0021
-20	1855.000001	0.0005	1905.000005	0.0026
-10	1854.999996	-0.0022	1904.999993	-0.0037
0	1855.000009	0.0049	1905.000001	0.0052
10	1855.000005	0.0027	1905.000008	0.0042
20	1855.000005	0.0027	1905.000008	0.0042
30	1855.000001	0.0005	1905.000004	0.0021
40	1855.000001	0.0005	1904.999997	-0.0016
50	1854.999998	-0.0011	1904.999997	-0.0016
60	1855.000003	0.0016	1905.000005	0.0026
70	1855.000006	0.0032	1905.000007	0.0037
75	1854.999992	-0.0043	1904.999991	-0.0047

NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 371500 (1857.5 MHz)		CH 380500 (1902.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1857.499995	-0.0027	1902.500002	0.0011
3.8	1857.500002	0.0011	1902.500004	0.0021
4.4	1857.499991	-0.0048	1902.499992	-0.0042

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 371500 (1857.5 MHz)		CH 380500 (1902.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1857.500004	0.0022	1902.500009	0.0047
-20	1857.499993	-0.0038	1902.499994	-0.0032
-10	1857.500006	0.0032	1902.500007	0.0037
0	1857.499996	-0.0022	1902.499999	-0.0005
10	1857.499995	-0.0027	1902.499992	-0.0042
20	1857.500006	0.0032	1902.500005	0.0026
30	1857.500005	0.0027	1902.500005	0.0026
40	1857.500001	0.0005	1902.499997	-0.0016
50	1857.500001	0.0005	1902.500004	0.0021
60	1857.500003	0.0016	1902.499998	-0.0011
70	1857.500009	0.0048	1902.500008	0.0042
75	1857.500006	0.0032	1902.500004	0.0021

NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 372000 (1860 MHz)		CH 380000 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1859.999993	-0.0038	1899.999997	-0.0016
3.8	1860.000008	0.0043	1900.000006	0.0032
4.4	1859.999992	-0.0043	1899.99999	-0.0053

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 372000 (1860 MHz)		CH 380000 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1860.000004	0.0022	1900.000005	0.0026
-20	1859.999994	-0.0032	1899.999991	-0.0047
-10	1860.000007	0.0038	1900.000004	0.0021
0	1859.999997	-0.0016	1899.999997	-0.0016
10	1859.999996	-0.0022	1900.000004	0.0021
20	1859.999991	-0.0048	1899.999992	-0.0042
30	1859.999993	-0.0038	1899.999994	-0.0032
40	1860.000004	0.0022	1900.000008	0.0042
50	1859.999999	-0.0005	1900.000001	0.0005
60	1860.000004	0.0022	1900.000009	0.0047
70	1860.000001	0.0005	1900.000002	0.0011
75	1859.999998	-0.0011	1900.000002	0.0011

NR n2 SCS 15 kHz, Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 372500 (1862.5 MHz)		CH 379500 (1897.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1862.499994	-0.0032	1897.49999	-0.0053
3.8	1862.500005	0.0027	1897.500004	0.0021
4.4	1862.499999	-0.0005	1897.500002	0.0011

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 372500 (1862.5 MHz)		CH 379500 (1897.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1862.499998	-0.0011	1897.499998	-0.0011
-20	1862.500005	0.0027	1897.500007	0.0037
-10	1862.499997	-0.0016	1897.499998	-0.0011
0	1862.499992	-0.0043	1897.499991	-0.0047
10	1862.500006	0.0032	1897.500001	0.0005
20	1862.500001	0.0005	1897.500005	0.0026
30	1862.500001	0.0005	1897.499996	-0.0021
40	1862.499997	-0.0016	1897.500001	0.0005
50	1862.499997	-0.0016	1897.499998	-0.0011
60	1862.499999	-0.0005	1897.500002	0.0011
70	1862.500005	0.0027	1897.500004	0.0021
75	1862.500002	0.0011	1897.500005	0.0026

NR n2 SCS 15 kHz, Channel Bandwidth: 30 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 373000 (1865 MHz)		CH 379000 (1895 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1865.000009	0.0048	1895.000008	0.0042
3.8	1864.999998	-0.0011	1895.000007	0.0037
4.4	1865.000007	0.0038	1895.000004	0.0021

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 373000 (1865 MHz)		CH 379000 (1895 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1865.000009	0.0048	1894.999999	-0.0005
-20	1865.000009	0.0048	1895.000004	0.0021
-10	1865.000003	0.0016	1895.000006	0.0032
0	1864.999992	-0.0043	1894.999999	-0.0053
10	1864.999992	-0.0043	1894.999994	-0.0032
20	1865.000002	0.0011	1895.000003	0.0016
30	1865.000001	0.0005	1895.000003	0.0016
40	1864.999998	-0.0011	1894.999998	-0.0011
50	1865.000003	0.0016	1895.000008	0.0042
60	1864.999994	-0.0032	1895.000002	0.0011
70	1865.000006	0.0032	1895.000007	0.0037
75	1865.000003	0.0016	1895.000003	0.0016

NR n2 SCS 15 kHz, Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 374000 (1870 MHz)		CH 378000 (1890 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1870.000009	0.0048	1890.000009	0.0048
3.8	1869.999992	-0.0043	1889.999994	-0.0032
4.4	1870.000007	0.0037	1890.000004	0.0021

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 374000 (1870 MHz)		CH 378000 (1890 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1870.000004	0.0021	1890.000004	0.0021
-20	1870.000006	0.0032	1890.000008	0.0042
-10	1870.000003	0.0016	1890.000002	0.0011
0	1869.999998	-0.0011	1890.000002	0.0011
10	1869.999992	-0.0043	1889.999999	-0.0053
20	1870.000008	0.0043	1890.000006	0.0032
30	1870.000007	0.0037	1890.000005	0.0026
40	1870.000003	0.0016	1890.000007	0.0037
50	1870.000003	0.0016	1890.000004	0.0021
60	1869.999997	-0.0016	1890.000004	0.0021
70	1870.000006	0.0032	1890.000003	0.0016
75	1870.000009	0.0048	1890.000005	0.0026

7.8.2 NR n5 SCS 15 kHz

NR n5 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 165300 (826.5 MHz)		CH 169300 (846.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	826.499995	-0.006	846.499992	-0.0095
3.8	826.499998	-0.0024	846.500005	0.0059
4.4	826.500005	0.006	846.500002	0.0024

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 165300 (826.5 MHz)		CH 169300 (846.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	826.499994	-0.0073	846.499996	-0.0047
-20	826.499993	-0.0085	846.499996	-0.0047
-10	826.499997	-0.0036	846.499998	-0.0024
0	826.499996	-0.0048	846.499995	-0.0059
10	826.500005	0.006	846.500009	0.0106
20	826.500004	0.0048	846.500002	0.0024
30	826.499995	-0.006	846.499992	-0.0095
40	826.499994	-0.0073	846.499992	-0.0095
50	826.499999	-0.0121	846.499994	-0.0071
60	826.499991	-0.0109	846.499992	-0.0095
70	826.499993	-0.0085	846.499996	-0.0047
75	826.499993	-0.0085	846.499999	-0.0118

NR n5 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 165800 (829 MHz)		CH 168800 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	828.999996	-0.0048	843.999992	-0.0095
3.8	829.000002	0.0024	843.999999	-0.0012
4.4	829.000005	0.006	844.000004	0.0047

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 165800 (829 MHz)		CH 168800 (844 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	828.999997	-0.0036	843.999993	-0.0083
-20	829.000001	0.0012	844.000004	0.0047
-10	828.999993	-0.0084	843.999992	-0.0095
0	829.000003	0.0036	844.000001	0.0012
10	828.999996	-0.0048	843.999992	-0.0095
20	829.000006	0.0072	844.000004	0.0047
30	829.000005	0.006	844.000001	0.0118
40	828.999995	-0.006	843.999999	-0.0012
50	828.999995	-0.006	844.000003	0.0036
60	828.999991	-0.0109	843.999991	-0.0107
70	828.999996	-0.0048	843.999994	-0.0071
75	828.999993	-0.0084	843.999993	-0.0083

NR n5 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 166300 (831.5 MHz)		CH 168300 (841.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	831.499999	-0.0012	841.500003	0.0036
3.8	831.499996	-0.0048	841.499999	-0.0012
4.4	831.500008	0.0096	841.500009	0.0107

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 166300 (831.5 MHz)		CH 168300 (841.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	831.499992	-0.0096	841.499991	-0.0107
-20	831.500006	0.0072	841.500009	0.0107
-10	831.499999	-0.012	841.499993	-0.0083
0	831.500009	0.0108	841.500007	0.0083
10	831.500004	0.0048	841.500007	0.0083
20	831.500009	0.0108	841.500008	0.0095
30	831.500001	0.0012	841.500002	0.0024
40	831.500001	0.0012	841.500002	0.0024
50	831.499997	-0.0036	841.499994	-0.0071
60	831.499997	-0.0036	841.500001	0.0012
70	831.499994	-0.0072	841.499991	-0.0107
75	831.499999	-0.0012	841.499999	-0.0012

NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 166800 (834 MHz)		CH 167800 (839 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	834.000002	0.0024	839.000001	0.0012
3.8	834.000008	0.0096	839.000005	0.006
4.4	833.999991	-0.0108	838.999994	-0.0072

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 166800 (834 MHz)		CH 167800 (839 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	833.999998	-0.0024	838.999998	-0.0024
-20	834.000007	0.0084	839.000006	0.0072
-10	834.000005	0.006	839.000003	0.0036
0	834.000009	0.0108	839.000008	0.0095
10	834.000002	0.0024	839.000001	0.0012
20	833.999992	-0.0096	838.999993	-0.0083
30	833.999991	-0.0108	838.999994	-0.0072
40	834.000007	0.0084	839.000006	0.0072
50	834.000002	0.0024	839.000002	0.0024
60	834.000006	0.0072	839.000009	0.0107
70	833.999996	-0.0048	838.999998	-0.0024
75	833.999993	-0.0084	838.999997	-0.0036

7.8.3 NR n12 SCS 15 kHz

NR n12 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 140300 (701.5 MHz)		CH 142700 (713.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	701.499993	-0.01	713.499993	-0.0098
3.8	701.500006	0.0086	713.500003	0.0042
4.4	701.500009	0.0128	713.500005	0.007

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 140300 (701.5 MHz)		CH 142700 (713.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	701.500002	0.0029	713.500002	0.0028
-20	701.499991	-0.0128	713.499991	-0.0126
-10	701.499994	-0.0086	713.499993	-0.0098
0	701.499993	-0.01	713.499996	-0.0056
10	701.500009	0.0128	713.500008	0.0112
20	701.499999	-0.0143	713.499999	-0.014
30	701.500002	0.0029	713.500004	0.0056
40	701.499996	-0.0057	713.499997	-0.0042
50	701.500001	0.0014	713.500005	0.007
60	701.500009	0.0128	713.500008	0.0112
70	701.500006	0.0086	713.500001	0.014
75	701.499995	-0.0071	713.499998	-0.0028

NR n12 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 140800 (704 MHz)		CH 142200 (711 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	704.000008	0.0114	711.000005	0.007
3.8	703.999992	-0.0114	710.999995	-0.007
4.4	703.99999	-0.0142	710.99999	-0.0141

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 140800 (704 MHz)		CH 142200 (711 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	704.000002	0.0028	710.999995	-0.007
-20	703.999994	-0.0085	710.999993	-0.0098
-10	704.000009	0.0128	711.000008	0.0113
0	704.000009	0.0128	711.000008	0.0113
10	704.000005	0.0071	711.000003	0.0042
20	704.000005	0.0071	711.000001	0.0141
30	704.000002	0.0028	711.000006	0.0084
40	704.000003	0.0043	710.999999	-0.0014
50	704.000005	0.0071	711.000001	0.0141
60	703.999991	-0.0128	710.999996	-0.0056
70	703.999994	-0.0085	710.999994	-0.0084
75	704.000007	0.0099	711.000004	0.0056

NR n12 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 141300 (706.5 MHz)		CH 141700 (708.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	706.500003	0.0042	708.500003	0.0042
3.8	706.499992	-0.0113	708.499994	-0.0085
4.4	706.500008	0.0113	708.500006	0.0085

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 141300 (706.5 MHz)		CH 141700 (708.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	706.499998	-0.0028	708.499995	-0.0071
-20	706.500007	0.0099	708.500009	0.0127
-10	706.500005	0.0071	708.500007	0.0099
0	706.500006	0.0085	708.500006	0.0085
10	706.500003	0.0042	708.500006	0.0085
20	706.499992	-0.0113	708.499993	-0.0099
30	706.500002	0.0028	708.500006	0.0085
40	706.500004	0.0057	708.500007	0.0099
50	706.500002	0.0028	708.499998	-0.0028
60	706.500003	0.0042	708.500008	0.0113
70	706.499994	-0.0085	708.499998	-0.0028
75	706.500003	0.0042	708.499998	-0.0028

7.8.4 NR n25 SCS 15 kHz

NR n25 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 370500 (1852.5 MHz)		CH 382500 (1912.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1852.500007	0.0038	1912.500009	0.0047
3.8	1852.500009	0.0049	1912.500005	0.0026
4.4	1852.500006	0.0032	1912.500006	0.0031

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 370500 (1852.5 MHz)		CH 382500 (1912.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1852.499996	-0.0022	1912.499994	-0.0031
-20	1852.500006	0.0032	1912.500003	0.0016
-10	1852.500005	0.0027	1912.500001	0.0005
0	1852.500005	0.0027	1912.500002	0.001
10	1852.500001	0.0005	1912.500004	0.0021
20	1852.500001	0.0005	1912.500001	0.0005
30	1852.499998	-0.0011	1912.500004	0.0021
40	1852.500004	0.0022	1912.499998	-0.001
50	1852.500006	0.0032	1912.500001	0.0005
60	1852.499992	-0.0043	1912.499999	-0.0052
70	1852.500002	0.0011	1912.499997	-0.0016
75	1852.499991	-0.0049	1912.499995	-0.0026

NR n25 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 371000 (1855 MHz)		CH 382000 (1910 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1854.999997	-0.0016	1910.000001	0.0005
3.8	1854.999994	-0.0032	1909.999997	-0.0016
4.4	1855.000009	0.0049	1910.000007	0.0037

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 371000 (1855 MHz)		CH 382000 (1910 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1854.999999	-0.0005	1909.999997	-0.0016
-20	1855.000008	0.0043	1910.000008	0.0042
-10	1855.000005	0.0027	1910.000009	0.0047
0	1855.000001	0.0005	1910.000006	0.0031
10	1855.000001	0.0005	1909.999998	-0.001
20	1855.000003	0.0016	1910.000002	0.001
30	1855.000004	0.0022	1910.000007	0.0037
40	1855.000007	0.0038	1910.000009	0.0047
50	1854.999993	-0.0038	1909.999995	-0.0026
60	1854.999996	-0.0022	1910.000001	0.0005
70	1855.000008	0.0043	1910.000001	0.0052
75	1854.999992	-0.0043	1909.999996	-0.0021

NR n25 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 371500 (1857.5 MHz)		CH 381500 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1857.500004	0.0022	1907.500009	0.0047
3.8	1857.499994	-0.0032	1907.499996	-0.0021
4.4	1857.500004	0.0022	1907.500004	0.0021

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 371500 (1857.5 MHz)		CH 381500 (1907.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1857.499994	-0.0032	1907.499996	-0.0021
-20	1857.499993	-0.0038	1907.499992	-0.0042
-10	1857.500003	0.0016	1907.500001	0.0005
0	1857.500003	0.0016	1907.500002	0.001
10	1857.499999	-0.0005	1907.500004	0.0021
20	1857.500004	0.0022	1907.500006	0.0031
30	1857.500001	0.0005	1907.500005	0.0026
40	1857.500007	0.0038	1907.500005	0.0026
50	1857.500004	0.0022	1907.500001	0.0005
60	1857.499996	-0.0022	1907.499993	-0.0037
70	1857.499999	-0.0005	1907.499999	-0.0005
75	1857.500006	0.0032	1907.500003	0.0016

NR n25 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 372000 (1860 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1859.999995	-0.0027	1904.999994	-0.0031
3.8	1860.000002	0.0011	1905.000002	0.001
4.4	1859.999991	-0.0048	1904.99999	-0.0052

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 372000 (1860 MHz)		CH 381000 (1905 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1860.000005	0.0027	1905.000001	0.0005
-20	1860.000007	0.0038	1904.999999	-0.0005
-10	1859.999994	-0.0032	1904.999997	-0.0016
0	1860.000009	0.0048	1905.000007	0.0037
10	1859.999991	-0.0048	1904.999993	-0.0037
20	1860.000002	0.0011	1905.000005	0.0026
30	1859.999997	-0.0016	1904.999998	-0.001
40	1860.000001	0.0005	1905.000005	0.0026
50	1860.000009	0.0048	1905.000004	0.0021
60	1860.000007	0.0038	1905.000005	0.0026
70	1860.000002	0.0011	1905.000002	0.001
75	1859.999993	-0.0038	1904.999996	-0.0021

NR n25 SCS 15 kHz, Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 372500 (1862.5 MHz)		CH 380500 (1902.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1862.499997	-0.0016	1902.499999	-0.0005
3.8	1862.499996	-0.0021	1902.499995	-0.0026
4.4	1862.500003	0.0016	1902.500006	0.0032

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 372500 (1862.5 MHz)		CH 380500 (1902.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1862.499995	-0.0027	1902.499995	-0.0026
-20	1862.499995	-0.0027	1902.500005	0.0026
-10	1862.500003	0.0016	1902.500004	0.0021
0	1862.500008	0.0043	1902.500008	0.0042
10	1862.499992	-0.0043	1902.499991	-0.0047
20	1862.499993	-0.0038	1902.49999	-0.0053
30	1862.500005	0.0027	1902.500002	0.0011
40	1862.499999	-0.0005	1902.499997	-0.0016
50	1862.500004	0.0021	1902.500005	0.0026
60	1862.499992	-0.0043	1902.499992	-0.0042
70	1862.500009	0.0048	1902.500006	0.0032
75	1862.500009	0.0048	1902.500007	0.0037

NR n25 SCS 15 kHz, Channel Bandwidth: 30 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 373000 (1865 MHz)		CH 380000 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1865.000002	0.0011	1900.000007	0.0037
3.8	1865.000005	0.0027	1900.000009	0.0047
4.4	1864.999998	-0.0011	1899.999996	-0.0021

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 373000 (1865 MHz)		CH 380000 (1900 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1865.000007	0.0038	1900.000005	0.0026
-20	1865.000008	0.0043	1900.000003	0.0016
-10	1864.999993	-0.0038	1899.999998	-0.0011
0	1865.000001	0.0005	1900.000003	0.0016
10	1865.000005	0.0027	1900.000007	0.0037
20	1865.000006	0.0032	1900.000004	0.0021
30	1864.999998	-0.0011	1899.999998	-0.0011
40	1864.999992	-0.0043	1899.999991	-0.0047
50	1864.999997	-0.0016	1899.999999	-0.0005
60	1865.000005	0.0027	1900.000008	0.0042
70	1865.000003	0.0016	1899.999999	-0.0005
75	1864.999998	-0.0011	1899.999996	-0.0021

NR n25 SCS 15 kHz, Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 374000 (1870 MHz)		CH 379000 (1895 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1870.000009	0.0048	1895.00001	0.0053
3.8	1870.000003	0.0016	1894.999998	-0.0011
4.4	1870.000002	0.0011	1895.000004	0.0021

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 374000 (1870 MHz)		CH 379000 (1895 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1870.000009	0.0048	1895.000008	0.0042
-20	1870.000006	0.0032	1895.000004	0.0021
-10	1869.999996	-0.0021	1894.999999	-0.0005
0	1870.00001	0.0053	1895.000007	0.0037
10	1870.000005	0.0027	1895.000001	0.0005
20	1870.000005	0.0027	1895.000002	0.0011
30	1870.000001	0.0005	1894.999997	-0.0016
40	1870.000001	0.0005	1895.000004	0.0021
50	1870.000003	0.0016	1894.999998	-0.0011
60	1870.000004	0.0021	1895.000002	0.0011
70	1870.000006	0.0032	1895.000001	0.0005
75	1869.999993	-0.0037	1894.999994	-0.0032

7.8.5 NR n30 SCS 15 kHz

NR n30 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 461500 (2307.5 MHz)		CH 462500 (2312.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2307.500008	0.0035	2312.500003	0.0013
3.8	2307.499991	-0.0039	2312.499995	-0.0022
4.4	2307.500002	0.0009	2312.499999	-0.0004

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 461500 (2307.5 MHz)		CH 462500 (2312.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2307.499994	-0.0026	2312.499997	-0.0013
-20	2307.500009	0.0039	2312.500007	0.003
-10	2307.500008	0.0035	2312.499998	-0.0009
0	2307.499995	-0.0022	2312.499991	-0.0039
10	2307.499993	-0.003	2312.499994	-0.0026
20	2307.500008	0.0035	2312.500004	0.0017
30	2307.499994	-0.0026	2312.499994	-0.0026
40	2307.499991	-0.0039	2312.499991	-0.0039
50	2307.499993	-0.003	2312.499999	-0.0043
60	2307.499999	-0.0043	2312.499999	-0.0043
70	2307.499991	-0.0039	2312.499992	-0.0035
75	2307.500002	0.0009	2312.500009	0.0039

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 462000 (2310 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.3	2309.999991	-0.0039
3.8	2309.999999	-0.0004
4.4	2309.999995	-0.0022

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature		
Temperature (°C)	CH 462000 (2310 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	2309.999991	-0.0039
-20	2309.999997	-0.0013
-10	2310.000001	0.0004
0	2309.999994	-0.0026
10	2309.999994	-0.0026
20	2310.000009	0.0039
30	2310.000009	0.0039
40	2310.000005	0.0022
50	2310.000003	0.0013
60	2310.000008	0.0035
70	2309.999999	-0.0004
75	2310.000006	0.0026

7.8.6 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 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2501.009998	-0.0008	2685.000002	0.0007
3.8	2501.009994	-0.0024	2684.999993	-0.0026
4.4	2501.009994	-0.0024	2684.999991	-0.0034

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 500202 (2501.01 MHz)		CH 537000 (2685 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2501.009991	-0.0036	2684.99999	-0.0037
-20	2501.009997	-0.0012	2685.000004	0.0015
-10	2501.009999	-0.0004	2685.000001	0.0004
0	2501.010006	0.0024	2685.000008	0.003
10	2501.010009	0.0036	2685.000007	0.0026
20	2501.009996	-0.0016	2684.999998	-0.0007
30	2501.010005	0.002	2685.000009	0.0034
40	2501.010007	0.0028	2685.000007	0.0026
50	2501.009991	-0.0036	2684.999992	-0.003
60	2501.009992	-0.0032	2684.999992	-0.003
70	2501.010002	0.0008	2685.000001	0.0004
75	2501.00999	-0.004	2684.999994	-0.0022

NR n41 SCS 30 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 500700 (2503.5 MHz)		CH 536496 (2682.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2503.500009	0.0036	2682.480005	0.0019
3.8	2503.500001	0.0004	2682.480003	0.0011
4.4	2503.499996	-0.0016	2682.479999	-0.0004

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 500700 (2503.5 MHz)		CH 536496 (2682.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2503.500001	0.0004	2682.480004	0.0015
-20	2503.500008	0.0032	2682.480004	0.0015
-10	2503.499996	-0.0016	2682.479999	-0.0004
0	2503.499999	-0.0004	2682.479995	-0.0019
10	2503.499991	-0.0036	2682.479994	-0.0022
20	2503.499994	-0.0024	2682.479991	-0.0034
30	2503.499993	-0.0028	2682.479991	-0.0034
40	2503.500001	0.0004	2682.480001	0.0037
50	2503.499999	-0.0004	2682.480001	0.0004
60	2503.500009	0.0036	2682.480001	0.0037
70	2503.500009	0.0036	2682.480009	0.0034
75	2503.499999	-0.0004	2682.479995	-0.0019

NR n41 SCS 30 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 501204 (2506.02 MHz)		CH 535998 (2679.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2506.020007	0.0028	2679.990004	0.0015
3.8	2506.019993	-0.0028	2679.989994	-0.0022
4.4	2506.02001	0.004	2679.99001	0.0037

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 501204 (2506.02 MHz)		CH 535998 (2679.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2506.020002	0.0008	2679.990002	0.0007
-20	2506.020005	0.002	2679.990008	0.003
-10	2506.019991	-0.0036	2679.989991	-0.0034
0	2506.019997	-0.0012	2679.990002	0.0007
10	2506.020008	0.0032	2679.990006	0.0022
20	2506.020003	0.0012	2679.989998	-0.0007
30	2506.019998	-0.0008	2679.989998	-0.0007
40	2506.019998	-0.0008	2679.989995	-0.0019
50	2506.020006	0.0024	2679.990004	0.0015
60	2506.020009	0.0036	2679.990004	0.0015
70	2506.020005	0.002	2679.990006	0.0022
75	2506.020005	0.002	2679.990003	0.0011

NR n41 SCS 30 kHz, Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 501702 (2508.51 MHz)		CH 535500 (2677.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2508.510002	0.0008	2677.500003	0.0011
3.8	2508.510008	0.0032	2677.500008	0.003
4.4	2508.510007	0.0028	2677.500005	0.0019

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 501702 (2508.51 MHz)		CH 535500 (2677.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2508.510003	0.0012	2677.500003	0.0011
-20	2508.509994	-0.0024	2677.499997	-0.0011
-10	2508.510008	0.0032	2677.500006	0.0022
0	2508.510006	0.0024	2677.500001	0.0037
10	2508.509994	-0.0024	2677.499993	-0.0026
20	2508.510006	0.0024	2677.500001	0.0004
30	2508.510006	0.0024	2677.500006	0.0022
40	2508.509991	-0.0036	2677.499991	-0.0034
50	2508.509999	-0.0004	2677.500004	0.0015
60	2508.510003	0.0012	2677.500008	0.003
70	2508.510004	0.0016	2677.500007	0.0026
75	2508.509996	-0.0016	2677.499999	-0.0004

NR n41 SCS 30 kHz, Channel Bandwidth: 30 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 502200 (2511 MHz)		CH 534996 (2674.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2510.99999	-0.004	2674.979994	-0.0022
3.8	2510.999995	-0.002	2674.979992	-0.003
4.4	2511.000002	0.0008	2674.979997	-0.0011

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 502200 (2511 MHz)		CH 534996 (2674.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2511.000005	0.002	2674.979999	-0.0004
-20	2510.999996	-0.0016	2674.979996	-0.0015
-10	2511.000007	0.0028	2674.980003	0.0011
0	2511.000001	0.0004	2674.979999	-0.0004
10	2510.999997	-0.0012	2674.980002	0.0007
20	2511.000004	0.0016	2674.980002	0.0007
30	2510.999996	-0.0016	2674.980004	0.0015
40	2510.999996	-0.0016	2674.979995	-0.0019
50	2511.000001	0.0004	2674.979993	-0.0026
60	2511.000009	0.0036	2674.980005	0.0019
70	2510.999993	-0.0028	2674.979993	-0.0026
75	2511.000003	0.0012	2674.980006	0.0022

NR n41 SCS 30 kHz, Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 503202 (2516.01 MHz)		CH 534000 (2670 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2516.010009	0.0036	2670.000009	0.0034
3.8	2516.010005	0.002	2670.000008	0.003
4.4	2516.009991	-0.0036	2669.99999	-0.0037

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 503202 (2516.01 MHz)		CH 534000 (2670 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2516.009991	-0.0036	2669.999991	-0.0034
-20	2516.010006	0.0024	2670.000008	0.003
-10	2516.009997	-0.0012	2669.999992	-0.003
0	2516.009991	-0.0036	2669.99999	-0.0037
10	2516.01001	0.004	2670.000006	0.0022
20	2516.009997	-0.0012	2669.999995	-0.0019
30	2516.010009	0.0036	2670.000006	0.0022
40	2516.010004	0.0016	2670.000006	0.0022
50	2516.009995	-0.002	2669.999994	-0.0022
60	2516.010003	0.0012	2670.000006	0.0022
70	2516.010001	0.0004	2669.999998	-0.0007
75	2516.010002	0.0008	2670.000007	0.0026

NR n41 SCS 30 kHz, Channel Bandwidth: 50 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 504204 (2521.02 MHz)		CH 532998 (2664.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2521.019999	-0.0004	2664.990004	0.0015
3.8	2521.019994	-0.0024	2664.98999	-0.0038
4.4	2521.019998	-0.0008	2664.989994	-0.0023

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 504204 (2521.02 MHz)		CH 532998 (2664.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2521.020001	0.0004	2664.989998	-0.0008
-20	2521.019998	-0.0008	2664.989998	-0.0008
-10	2521.019999	-0.0004	2664.990001	0.0004
0	2521.020005	0.002	2664.990004	0.0015
10	2521.019994	-0.0024	2664.989991	-0.0034
20	2521.019998	-0.0008	2664.990001	0.0004
30	2521.020005	0.002	2664.990003	0.0011
40	2521.019997	-0.0012	2664.990002	0.0008
50	2521.019992	-0.0032	2664.989992	-0.003
60	2521.020002	0.0008	2664.990001	0.0004
70	2521.019991	-0.0036	2664.989995	-0.0019
75	2521.020009	0.0036	2664.990008	0.003

NR n41 SCS 30 kHz, Channel Bandwidth: 60 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 505200 (2526 MHz)		CH 531996 (2659.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2526.000007	0.0028	2659.980008	0.003
3.8	2526.000006	0.0024	2659.980009	0.0034
4.4	2525.999992	-0.0032	2659.979996	-0.0015

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 505200 (2526 MHz)		CH 531996 (2659.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2526.00001	0.004	2659.980007	0.0026
-20	2525.999998	-0.0008	2659.979994	-0.0023
-10	2526.000007	0.0028	2659.980004	0.0015
0	2525.999991	-0.0036	2659.979995	-0.0019
10	2525.999993	-0.0028	2659.979991	-0.0034
20	2525.99999	-0.004	2659.979995	-0.0019
30	2526.000005	0.002	2659.980008	0.003
40	2525.999996	-0.0016	2659.979995	-0.0019
50	2526.000004	0.0016	2659.980001	0.0004
60	2526.000002	0.0008	2659.979999	-0.0004
70	2526.000003	0.0012	2659.979998	-0.0008
75	2525.999995	-0.002	2659.97999	-0.0038

NR n41 SCS 30 kHz, Channel Bandwidth: 70 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 506202 (2531.01 MHz)		CH 531000 (2655 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2531.010009	0.0036	2655.00001	0.0038
3.8	2531.009993	-0.0028	2654.999994	-0.0023
4.4	2531.009995	-0.002	2654.999995	-0.0019

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 506202 (2531.01 MHz)		CH 531000 (2655 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2531.010002	0.0008	2655.000002	0.0008
-20	2531.010005	0.002	2655.000001	0.0004
-10	2531.009992	-0.0032	2654.999992	-0.003
0	2531.009994	-0.0024	2655.000002	0.0008
10	2531.009993	-0.0028	2654.999996	-0.0015
20	2531.009997	-0.0012	2654.999999	-0.0004
30	2531.009996	-0.0016	2654.999995	-0.0019
40	2531.010006	0.0024	2655.00001	0.0038
50	2531.010005	0.002	2655.000003	0.0011
60	2531.009995	-0.002	2654.999993	-0.0026
70	2531.009995	-0.002	2654.999993	-0.0026
75	2531.009991	-0.0036	2654.999995	-0.0019

NR n41 SCS 30 kHz, Channel Bandwidth: 80 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 507204 (2536.02 MHz)		CH 529998 (2649.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2536.019992	-0.0032	2649.989994	-0.0023
3.8	2536.019994	-0.0024	2649.989998	-0.0008
4.4	2536.019995	-0.002	2649.989993	-0.0026

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 507204 (2536.02 MHz)		CH 529998 (2649.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2536.019997	-0.0012	2649.989994	-0.0023
-20	2536.020004	0.0016	2649.990001	0.0004
-10	2536.020007	0.0028	2649.990007	0.0026
0	2536.019999	-0.0004	2649.989996	-0.0015
10	2536.020003	0.0012	2649.990002	0.0008
20	2536.019995	-0.002	2649.989995	-0.0019
30	2536.020005	0.002	2649.990004	0.0015
40	2536.019998	-0.0008	2649.989994	-0.0023
50	2536.020008	0.0032	2649.990007	0.0026
60	2536.020007	0.0028	2649.990003	0.0011
70	2536.019997	-0.0012	2649.990002	0.0008
75	2536.019997	-0.0012	2649.989993	-0.0026

NR n41 SCS 30 kHz, Channel Bandwidth: 90 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 508200 (2541 MHz)		CH 528996 (2644.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2540.999993	-0.0028	2644.979994	-0.0023
3.8	2540.999998	-0.0008	2644.979997	-0.0011
4.4	2540.999995	-0.002	2644.979996	-0.0015

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 508200 (2541 MHz)		CH 528996 (2644.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2541.000001	0.0004	2644.980006	0.0023
-20	2540.999998	-0.0008	2644.980002	0.0008
-10	2541.000001	0.0039	2644.980005	0.0019
0	2540.999994	-0.0024	2644.979994	-0.0023
10	2541.000008	0.0031	2644.980007	0.0026
20	2540.999994	-0.0024	2644.979997	-0.0011
30	2540.999991	-0.0035	2644.97999	-0.0038
40	2541.000006	0.0024	2644.980003	0.0011
50	2540.999991	-0.0035	2644.979995	-0.0019
60	2540.999994	-0.0024	2644.979993	-0.0026
70	2540.999998	-0.0008	2644.979997	-0.0011
75	2540.999999	-0.0004	2644.979996	-0.0015

NR n41 SCS 30 kHz, Channel Bandwidth: 100 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 509202 (2546.01 MHz)		CH 528000 (2640 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	2546.009991	-0.0035	2639.999991	-0.0034
3.8	2546.00999	-0.0039	2639.999995	-0.0019
4.4	2546.009996	-0.0016	2639.999995	-0.0019

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 509202 (2546.01 MHz)		CH 528000 (2640 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	2546.009998	-0.0008	2639.999996	-0.0015
-20	2546.010005	0.002	2640.000005	0.0019
-10	2546.010008	0.0031	2640.000009	0.0034
0	2546.009995	-0.002	2639.999993	-0.0027
10	2546.010004	0.0016	2640.000001	0.0004
20	2546.009996	-0.0016	2639.999997	-0.0011
30	2546.010006	0.0024	2640.000003	0.0011
40	2546.009999	-0.0004	2639.999996	-0.0015
50	2546.010009	0.0035	2640.000009	0.0034
60	2546.010008	0.0031	2640.000006	0.0023
70	2546.009991	-0.0035	2639.99999	-0.0038
75	2546.009992	-0.0031	2639.99999	-0.0038

7.8.7 NR n66 SCS 15 kHz

NR n66 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 342500 (1712.5 MHz)		CH 355500 (1777.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1712.499994	-0.0035	1777.499993	-0.0039
3.8	1712.499996	-0.0023	1777.499997	-0.0017
4.4	1712.500002	0.0012	1777.499997	-0.0017

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 342500 (1712.5 MHz)		CH 355500 (1777.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1712.499999	-0.0006	1777.500003	0.0017
-20	1712.500005	0.0029	1777.500007	0.0039
-10	1712.500008	0.0047	1777.500005	0.0028
0	1712.500001	0.0006	1777.500005	0.0028
10	1712.500004	0.0023	1777.500008	0.0045
20	1712.499997	-0.0018	1777.499994	-0.0034
30	1712.500006	0.0035	1777.500009	0.0051
40	1712.499994	-0.0035	1777.499995	-0.0028
50	1712.500004	0.0023	1777.500008	0.0045
60	1712.500003	0.0018	1777.500001	0.0006
70	1712.499999	-0.0006	1777.499998	-0.0011
75	1712.499998	-0.0012	1777.499998	-0.0011

NR n66 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 343000 (1715 MHz)		CH 355000 (1775 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1715.000009	0.0052	1775.000005	0.0028
3.8	1714.999994	-0.0035	1774.999997	-0.0017
4.4	1714.999991	-0.0052	1774.99999	-0.0056

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 343000 (1715 MHz)		CH 355000 (1775 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1714.999998	-0.0012	1774.999998	-0.0011
-20	1714.999996	-0.0023	1774.999999	-0.0006
-10	1714.999992	-0.0047	1774.999996	-0.0023
0	1715.000003	0.0017	1775.000001	0.0006
10	1714.999997	-0.0017	1774.999999	-0.0006
20	1714.999996	-0.0023	1774.999995	-0.0028
30	1715.000003	0.0017	1775.000004	0.0023
40	1714.999995	-0.0029	1774.999995	-0.0028
50	1715.000001	0.0058	1775.000005	0.0028
60	1715.000003	0.0017	1775.000007	0.0039
70	1714.999999	-0.0006	1775.000002	0.0011
75	1714.999999	-0.0006	1775.000003	0.0017

NR n66 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 343500 (1717.5 MHz)		CH 354500 (1772.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1717.499995	-0.0029	1772.499997	-0.0017
3.8	1717.499995	-0.0029	1772.499995	-0.0028
4.4	1717.499997	-0.0017	1772.499999	-0.0006

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 343500 (1717.5 MHz)		CH 354500 (1772.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1717.499997	-0.0017	1772.500003	0.0017
-20	1717.499993	-0.0041	1772.500002	0.0011
-10	1717.500006	0.0035	1772.500008	0.0045
0	1717.500009	0.0052	1772.500007	0.0039
10	1717.500002	0.0012	1772.500004	0.0023
20	1717.500005	0.0029	1772.500009	0.0051
30	1717.499998	-0.0012	1772.499996	-0.0023
40	1717.500007	0.0041	1772.500005	0.0028
50	1717.500003	0.0017	1772.499998	-0.0011
60	1717.499993	-0.0041	1772.499998	-0.0011
70	1717.500001	0.0006	1772.500001	0.0006
75	1717.500004	0.0023	1772.499994	-0.0034

NR n66 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 344000 (1720 MHz)		CH 354000 (1770 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1720.000001	0.0006	1769.999999	-0.0006
3.8	1719.999998	-0.0012	1769.999998	-0.0011
4.4	1720.000007	0.0041	1770.000006	0.0034

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 344000 (1720 MHz)		CH 354000 (1770 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1719.999997	-0.0017	1769.999999	-0.0006
-20	1719.999999	-0.0006	1769.999999	-0.0006
-10	1719.999997	-0.0017	1770.000007	0.004
0	1719.999998	-0.0012	1770.000003	0.0017
10	1720.000009	0.0052	1770.00001	0.0056
20	1719.999998	-0.0012	1770.000001	0.0006
30	1720.000002	0.0012	1770.000001	0.0006
40	1720.000004	0.0023	1770.000008	0.0045
50	1720.000001	0.0006	1770.000001	0.0006
60	1719.999996	-0.0023	1769.999994	-0.0034
70	1720.000007	0.0041	1770.000003	0.0017
75	1719.999992	-0.0047	1769.999992	-0.0045

NR n66 SCS 15 kHz, Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 344500 (1722.5 MHz)		CH 353500 (1767.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1722.499992	-0.0046	1767.499992	-0.0045
3.8	1722.500008	0.0046	1767.500004	0.0023
4.4	1722.500008	0.0046	1767.500006	0.0034

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 344500 (1722.5 MHz)		CH 353500 (1767.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1722.49999	-0.0058	1767.49999	-0.0057
-20	1722.499993	-0.0041	1767.499991	-0.0051
-10	1722.499999	-0.0006	1767.499998	-0.0011
0	1722.500002	0.0012	1767.500006	0.0034
10	1722.500009	0.0052	1767.500008	0.0045
20	1722.499998	-0.0012	1767.499999	-0.0006
30	1722.499991	-0.0052	1767.499993	-0.004
40	1722.499995	-0.0029	1767.499995	-0.0028
50	1722.499993	-0.0041	1767.499991	-0.0051
60	1722.500003	0.0017	1767.500006	0.0034
70	1722.500002	0.0012	1767.499999	-0.0006
75	1722.499993	-0.0041	1767.499991	-0.0051

NR n66 SCS 15 kHz, Channel Bandwidth: 30 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 345000 (1725 MHz)		CH 353000 (1765 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1724.999994	-0.0035	1764.999998	-0.0011
3.8	1725.000006	0.0035	1765.000001	0.0057
4.4	1725.000004	0.0023	1764.999995	-0.0028

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 345000 (1725 MHz)		CH 353000 (1765 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1725.000005	0.0029	1765.000005	0.0028
-20	1724.999992	-0.0046	1764.999996	-0.0023
-10	1725.000007	0.0041	1764.999995	-0.0028
0	1725.000003	0.0017	1765.000001	0.0006
10	1724.999995	-0.0029	1764.999999	-0.0057
20	1724.999998	-0.0012	1764.999995	-0.0028
30	1724.999991	-0.0052	1764.999999	-0.0057
40	1724.999994	-0.0035	1764.999998	-0.0011
50	1725.000004	0.0023	1765.000008	0.0045
60	1724.999997	-0.0017	1764.999998	-0.0011
70	1725.000008	0.0046	1765.000008	0.0045
75	1725.000007	0.0041	1765.000008	0.0045

NR n66 SCS 15 kHz, Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 346000 (1730 MHz)		CH 352000 (1760 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	1730.000003	0.0017	1759.999995	-0.0028
3.8	1730.000009	0.0052	1760.000001	0.0057
4.4	1729.999993	-0.004	1759.999992	-0.0045

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 346000 (1730 MHz)		CH 352000 (1760 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	1730.000009	0.0052	1760.000008	0.0045
-20	1730.000004	0.0023	1759.999999	-0.0006
-10	1730.000003	0.0017	1760.000005	0.0028
0	1729.99999	-0.0058	1759.999994	-0.0034
10	1729.999996	-0.0023	1759.999997	-0.0017
20	1730.000009	0.0052	1760.000007	0.004
30	1730.000004	0.0023	1760.000005	0.0028
40	1729.999998	-0.0012	1759.999993	-0.004
50	1729.999994	-0.0035	1759.999991	-0.0051
60	1729.999993	-0.004	1759.999991	-0.0051
70	1730.000009	0.0052	1760.000008	0.0045
75	1730.000001	0.0006	1760.000004	0.0023

7.8.8 NR n71 SCS 15 kHz

NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133100 (665.5 MHz)		CH 139100 (695.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	665.500006	0.009	695.500002	0.0029
3.8	665.499993	-0.0105	695.49999	-0.0144
4.4	665.499991	-0.0135	695.499991	-0.0129

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 133100 (665.5 MHz)		CH 139100 (695.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	665.500007	0.0105	695.500002	0.0029
-20	665.500005	0.0075	695.500004	0.0058
-10	665.499998	-0.003	695.500001	0.0014
0	665.499997	-0.0045	695.499997	-0.0043
10	665.500004	0.006	695.500008	0.0115
20	665.499997	-0.0045	695.499998	-0.0029
30	665.499997	-0.0045	695.499993	-0.0101
40	665.500002	0.003	695.499997	-0.0043
50	665.49999	-0.015	695.49999	-0.0144
60	665.499994	-0.009	695.499994	-0.0086
70	665.499995	-0.0075	695.499993	-0.0101
75	665.500007	0.0105	695.500005	0.0072

NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 133600 (668 MHz)		CH 138600 (693 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	668.000001	0.0015	693.000003	0.0043
3.8	668.000006	0.009	693.000008	0.0115
4.4	667.999993	-0.0105	692.999994	-0.0087

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 133600 (668 MHz)		CH 138600 (693 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	667.999991	-0.0135	692.999995	-0.0072
-20	668.000007	0.0105	693.000003	0.0043
-10	667.999998	-0.003	692.999993	-0.0101
0	667.999992	-0.012	692.999995	-0.0072
10	667.999991	-0.0135	692.999991	-0.013
20	667.999998	-0.003	693.000002	0.0029
30	668.00001	0.015	693.000006	0.0087
40	667.999992	-0.012	692.99999	-0.0144
50	667.999991	-0.0135	692.999993	-0.0101
60	668.000007	0.0105	693.00001	0.0144
70	668.000006	0.009	693.00001	0.0144
75	667.999997	-0.0045	692.999997	-0.0043

NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 134100 (670.5 MHz)		CH 138100 (690.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	670.500003	0.0045	690.500005	0.0072
3.8	670.499999	-0.0015	690.499996	-0.0058
4.4	670.500006	0.0089	690.500001	0.0014

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 134100 (670.5 MHz)		CH 138100 (690.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	670.500002	0.003	690.500002	0.0029
-20	670.500009	0.0134	690.500006	0.0087
-10	670.499992	-0.0119	690.499995	-0.0072
0	670.499999	-0.0015	690.499999	-0.0014
10	670.500007	0.0104	690.500006	0.0087
20	670.499992	-0.0119	690.500003	0.0043
30	670.500004	0.006	690.500003	0.0043
40	670.500003	0.0045	690.499999	-0.0014
50	670.499993	-0.0104	690.499995	-0.0072
60	670.500006	0.0089	690.500002	0.0029
70	670.500002	0.003	690.500007	0.0101
75	670.500002	0.003	690.499997	-0.0043

NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 134600 (673 MHz)		CH 137600 (688 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	672.999998	-0.003	688.000002	0.0029
3.8	672.999998	-0.003	687.999999	-0.0015
4.4	673.000004	0.0059	688.000003	0.0044

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 134600 (673 MHz)		CH 137600 (688 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	673.000006	0.0089	688.000005	0.0073
-20	673.000003	0.0045	688.000006	0.0087
-10	673.000009	0.0134	688.000006	0.0087
0	672.999999	-0.0015	688.000001	0.0015
10	673.000007	0.0104	688.000003	0.0044
20	673.000001	0.0015	688.000005	0.0073
30	673.000001	0.0149	688.000005	0.0073
40	673.000003	0.0045	688.000006	0.0087
50	672.999993	-0.0104	687.999991	-0.0131
60	672.999992	-0.0119	687.999994	-0.0087
70	673.000002	0.003	688.000003	0.0044
75	673.000002	0.003	688.000004	0.0058

7.8.9 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630334 (3455.01 MHz)		CH 636332 (3544.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3455.009993	-0.002	3544.979991	-0.0025
3.8	3455.009998	-0.0006	3544.980002	0.0006
4.4	3455.009995	-0.0014	3544.979992	-0.0023

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630334 (3455.01 MHz)		CH 636332 (3544.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3455.010001	0.0003	3544.979999	-0.0003
-20	3455.009998	-0.0006	3544.979995	-0.0014
-10	3455.010004	0.0012	3544.980002	0.0006
0	3455.010007	0.002	3544.98001	0.0028
10	3455.009995	-0.0014	3544.979998	-0.0006
20	3455.010003	0.0009	3544.980003	0.0008
30	3455.009996	-0.0012	3544.979997	-0.0008
40	3455.010005	0.0014	3544.980004	0.0011
50	3455.009998	-0.0006	3544.979995	-0.0014
60	3455.009994	-0.0017	3544.979996	-0.0011
70	3455.010007	0.002	3544.980003	0.0008
75	3455.010003	0.0009	3544.979998	-0.0006

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630500 (3457.5 MHz)		CH 636166 (3542.49 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3457.500003	0.0009	3542.489999	-0.0003
3.8	3457.499999	-0.0003	3542.490001	0.0003
4.4	3457.499999	-0.0003	3542.489998	-0.0006

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630500 (3457.5 MHz)		CH 636166 (3542.49 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3457.499995	-0.0014	3542.489996	-0.0011
-20	3457.500001	0.0003	3542.489996	-0.0011
-10	3457.500004	0.0012	3542.490008	0.0023
0	3457.499999	-0.0029	3542.489994	-0.0017
10	3457.499993	-0.002	3542.489993	-0.002
20	3457.500007	0.002	3542.490004	0.0011
30	3457.500009	0.0026	3542.490005	0.0014
40	3457.500002	0.0006	3542.489999	-0.0003
50	3457.500006	0.0017	3542.490002	0.0006
60	3457.500004	0.0012	3542.490007	0.002
70	3457.499994	-0.0017	3542.489993	-0.002
75	3457.499993	-0.002	3542.489996	-0.0011

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630668 (3460.02 MHz)		CH 636000 (3540 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3460.020003	0.0009	3540.000005	0.0014
3.8	3460.020003	0.0009	3540.000005	0.0014
4.4	3460.019999	-0.0003	3539.999997	-0.0008

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630668 (3460.02 MHz)		CH 636000 (3540 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3460.019999	-0.0003	3539.999994	-0.0017
-20	3460.020001	0.0003	3539.999999	-0.0003
-10	3460.020002	0.0006	3540.000004	0.0011
0	3460.020004	0.0012	3540.000005	0.0014
10	3460.019991	-0.0026	3539.999992	-0.0023
20	3460.019994	-0.0017	3539.999998	-0.0006
30	3460.020006	0.0017	3540.000007	0.002
40	3460.020009	0.0026	3540.00001	0.0028
50	3460.020008	0.0023	3540.000004	0.0011
60	3460.020005	0.0014	3540.000007	0.002
70	3460.020006	0.0017	3539.999997	-0.0008
75	3460.020005	0.0014	3540.000002	0.0006

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630834 (3462.51 MHz)		CH 635832 (3537.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3462.509998	-0.0006	3537.480003	0.0008
3.8	3462.509997	-0.0009	3537.479992	-0.0023
4.4	3462.510005	0.0014	3537.480008	0.0023

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630834 (3462.51 MHz)		CH 635832 (3537.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3462.509996	-0.0012	3537.479992	-0.0023
-20	3462.509991	-0.0026	3537.479995	-0.0014
-10	3462.509995	-0.0014	3537.479992	-0.0023
0	3462.510003	0.0009	3537.479999	-0.0003
10	3462.510001	0.0003	3537.480003	0.0008
20	3462.510002	0.0006	3537.480005	0.0014
30	3462.510007	0.002	3537.480004	0.0011
40	3462.510001	0.0003	3537.480002	0.0006
50	3462.510005	0.0014	3537.48001	0.0028
60	3462.510007	0.002	3537.480006	0.0017
70	3462.510005	0.0014	3537.480001	0.0003
75	3462.509993	-0.002	3537.480003	0.0008

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631000 (3465 MHz)		CH 635666 (3534.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3465.000005	0.0014	3534.990005	0.0014
3.8	3464.999993	-0.002	3534.989991	-0.0025
4.4	3464.999997	-0.0009	3534.989995	-0.0014

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 631000 (3465 MHz)		CH 635666 (3534.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3464.999998	-0.0006	3534.989994	-0.0017
-20	3465.000009	0.0026	3534.990005	0.0014
-10	3465.000004	0.0012	3534.990008	0.0023
0	3465.000009	0.0026	3534.990006	0.0017
10	3464.999996	-0.0012	3534.989995	-0.0014
20	3464.999994	-0.0017	3534.989996	-0.0011
30	3465.000009	0.0026	3534.990006	0.0017
40	3464.999994	-0.0017	3534.989991	-0.0025
50	3465.000002	0.0006	3534.989999	-0.0003
60	3464.999995	-0.0014	3534.989995	-0.0014
70	3465.000004	0.0012	3534.990006	0.0017
75	3464.999998	-0.0006	3534.990002	0.0006

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631334 (3470.01 MHz)		CH 635332 (3529.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3470.010002	0.0006	3529.979998	-0.0006
3.8	3470.010001	0.0003	3529.980001	0.0003
4.4	3470.009992	-0.0023	3529.979994	-0.0017

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 631334 (3470.01 MHz)		CH 635332 (3529.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3470.009991	-0.0026	3529.979994	-0.0017
-20	3470.010007	0.002	3529.980006	0.0017
-10	3470.010007	0.002	3529.980003	0.0008
0	3470.010009	0.0026	3529.980007	0.002
10	3470.009995	-0.0014	3529.979997	-0.0008
20	3470.009992	-0.0023	3529.979993	-0.002
30	3470.009999	-0.0003	3529.979998	-0.0006
40	3470.010002	0.0006	3529.980006	0.0017
50	3470.009994	-0.0017	3529.979995	-0.0014
60	3470.009998	-0.0006	3529.979999	-0.0003
70	3470.00999	-0.0029	3529.979994	-0.0017
75	3470.010004	0.0012	3529.979991	-0.0025

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631668 (3475.02 MHz)		CH 635000 (3525 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3475.019993	-0.002	3524.999993	-0.002
3.8	3475.020003	0.0009	3525.000006	0.0017
4.4	3475.020002	0.0006	3524.999999	-0.0003

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 631668 (3475.02 MHz)		CH 635000 (3525 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3475.019997	-0.0009	3524.999996	-0.0011
-20	3475.019997	-0.0009	3524.999996	-0.0011
-10	3475.020008	0.0023	3525.000003	0.0009
0	3475.019993	-0.002	3524.999995	-0.0014
10	3475.02001	0.0029	3525.000008	0.0023
20	3475.019998	-0.0006	3524.999996	-0.0011
30	3475.020005	0.0014	3525.000006	0.0017
40	3475.020008	0.0023	3525.000009	0.0026
50	3475.019995	-0.0014	3524.999993	-0.002
60	3475.020003	0.0009	3525.000008	0.0023
70	3475.019991	-0.0026	3524.999994	-0.0017
75	3475.019993	-0.002	3524.999995	-0.0014

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 60 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632000 (3480 MHz)		CH 634666 (3519.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3480.000003	0.0009	3519.990005	0.0014
3.8	3479.999997	-0.0009	3519.989998	-0.0006
4.4	3479.999993	-0.002	3519.989993	-0.002

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 632000 (3480 MHz)		CH 634666 (3519.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3479.999992	-0.0023	3519.989993	-0.002
-20	3480.000008	0.0023	3519.990007	0.002
-10	3480.000008	0.0023	3519.990004	0.0011
0	3479.999999	-0.0029	3519.989994	-0.0017
10	3479.999993	-0.002	3519.989992	-0.0023
20	3479.999996	-0.0011	3519.989999	-0.0003
30	3480.000003	0.0009	3519.990008	0.0023
40	3479.999995	-0.0014	3519.989994	-0.0017
50	3479.999999	-0.0003	3519.990006	0.0017
60	3479.999991	-0.0026	3519.989996	-0.0011
70	3480.000001	0.0003	3519.990002	0.0006
75	3479.999994	-0.0017	3519.989992	-0.0023

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632334 (3485.01 MHz)		CH 634332 (3514.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3485.010004	0.0011	3514.980007	0.002
3.8	3485.010003	0.0009	3514.980006	0.0017
4.4	3485.009993	-0.002	3514.97999	-0.0028

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 632334 (3485.01 MHz)		CH 634332 (3514.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3485.009993	-0.002	3514.97999	-0.0028
-20	3485.010009	0.0026	3514.980005	0.0014
-10	3485.009994	-0.0017	3514.979994	-0.0017
0	3485.009991	-0.0026	3514.979991	-0.0026
10	3485.009993	-0.002	3514.97999	-0.0028
20	3485.009991	-0.0026	3514.979991	-0.0026
30	3485.009998	-0.0006	3514.979993	-0.002
40	3485.010009	0.0026	3514.98001	0.0028
50	3485.009998	-0.0006	3514.980001	0.0003
60	3485.010002	0.0006	3514.980001	0.0003
70	3485.010004	0.0011	3514.980008	0.0023
75	3485.010001	0.0003	3514.980002	0.0006

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 80 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632668 (3490.02 MHz)		CH 634000 (3510 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3490.019996	-0.0011	3509.999994	-0.0017
3.8	3490.020007	0.002	3510.000002	0.0006
4.4	3490.019995	-0.0014	3509.999998	-0.0006

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 632668 (3490.02 MHz)		CH 634000 (3510 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3490.019993	-0.002	3509.999996	-0.0011
-20	3490.019995	-0.0014	3509.999996	-0.0011
-10	3490.020006	0.0017	3510.000007	0.002
0	3490.020001	0.0003	3510.000003	0.0009
10	3490.020005	0.0014	3510.000007	0.002
20	3490.019993	-0.002	3509.999996	-0.0011
30	3490.019991	-0.0026	3509.999994	-0.0017
40	3490.019991	-0.0026	3509.999995	-0.0014
50	3490.020004	0.0011	3510.000003	0.0009
60	3490.020008	0.0023	3510.000005	0.0014
70	3490.020007	0.002	3510.000006	0.0017
75	3490.020002	0.0006	3509.999998	-0.0006

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630000 (3495 MHz)		CH 633666 (3504.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3495.000008	0.0023	3504.990006	0.0017
3.8	3495.000006	0.0017	3504.990001	0.0029
4.4	3495.000002	0.0006	3504.990002	0.0006

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630000 (3495 MHz)		CH 633666 (3504.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3495.000002	0.0006	3504.989999	-0.0003
-20	3495.000004	0.0011	3504.990003	0.0009
-10	3495.000005	0.0014	3504.990008	0.0023
0	3495.000007	0.002	3504.990009	0.0026
10	3495.000008	0.0023	3504.990008	0.0023
20	3494.999991	-0.0026	3504.989994	-0.0017
30	3495.000003	0.0009	3504.990003	0.0009
40	3495.000007	0.002	3504.990009	0.0026
50	3495.000009	0.0026	3504.990003	0.0009
60	3495.000009	0.0026	3504.990001	0.0029
70	3495.000002	0.0006	3504.990001	0.0003
75	3494.999992	-0.0023	3504.989993	-0.002

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

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.3	3500.009991	-0.0026
3.8	3500.009996	-0.0011
4.4	3500.010001	0.0003

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature		
Temperature (°C)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	3500.009994	-0.0017
-20	3500.010001	0.0003
-10	3500.009996	-0.0011
0	3500.009997	-0.0009
10	3500.010007	0.002
20	3500.010003	0.0009
30	3500.010002	0.0006
40	3500.009999	-0.0003
50	3500.010006	0.0017
60	3500.010005	0.0014
70	3500.009994	-0.0017
75	3500.010002	0.0006

7.8.10 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647000 (3705 MHz)		CH 665000 (3975 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3704.999992	-0.0022	3974.999995	-0.0013
3.8	3704.999997	-0.0008	3974.999996	-0.001
4.4	3705.000004	0.0011	3974.999995	-0.0013

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647000 (3705 MHz)		CH 665000 (3975 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3704.999993	-0.0019	3974.999991	-0.0023
-20	3705.000007	0.0019	3974.999999	-0.0003
-10	3705.000001	0.0027	3975.000008	0.002
0	3705.000003	0.0008	3974.999998	-0.0005
10	3704.999998	-0.0005	3974.999996	-0.001
20	3704.999992	-0.0022	3974.999994	-0.0015
30	3705.000007	0.0019	3975.000003	0.0008
40	3704.999998	-0.0005	3974.999996	-0.001
50	3704.999998	-0.0005	3975.000003	0.0008
60	3704.999994	-0.0016	3974.999991	-0.0023
70	3704.999992	-0.0022	3975.000001	0.0003
75	3705.000003	0.0008	3975.000003	0.0008

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647168 (3707.52 MHz)		CH 664832 (3972.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3707.520009	0.0024	3972.480007	0.0018
3.8	3707.519992	-0.0022	3972.479995	-0.0013
4.4	3707.519999	-0.0003	3972.479999	-0.0003

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647168 (3707.52 MHz)		CH 664832 (3972.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3707.520008	0.0022	3972.480007	0.0018
-20	3707.520001	0.0003	3972.480004	0.001
-10	3707.51999	-0.0027	3972.479993	-0.0018
0	3707.519993	-0.0019	3972.479995	-0.0013
10	3707.519992	-0.0022	3972.479997	-0.0008
20	3707.519995	-0.0013	3972.479996	-0.001
30	3707.519997	-0.0008	3972.479996	-0.001
40	3707.520008	0.0022	3972.480007	0.0018
50	3707.520003	0.0008	3972.480003	0.0008
60	3707.520007	0.0019	3972.48001	0.0025
70	3707.519995	-0.0013	3972.479997	-0.0008
75	3707.519993	-0.0019	3972.479998	-0.0005

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647334 (3710.01 MHz)		CH 664666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3710.010008	0.0022	3969.990004	0.001
3.8	3710.009999	-0.0003	3969.990001	0.0003
4.4	3710.009993	-0.0019	3969.989997	-0.0008

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647334 (3710.01 MHz)		CH 664666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3710.009992	-0.0022	3969.989993	-0.0018
-20	3710.009999	-0.0003	3969.989994	-0.0015
-10	3710.009991	-0.0024	3969.989993	-0.0018
0	3710.009992	-0.0022	3969.989996	-0.001
10	3710.009993	-0.0019	3969.989995	-0.0013
20	3710.010005	0.0013	3969.990008	0.002
30	3710.010005	0.0013	3969.990008	0.002
40	3710.009996	-0.0011	3969.989995	-0.0013
50	3710.010001	0.0003	3969.989997	-0.0008
60	3710.009998	-0.0005	3969.989997	-0.0008
70	3710.010004	0.0011	3969.990007	0.0018
75	3710.010006	0.0016	3969.990008	0.002

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647500 (3712.5 MHz)		CH 664500 (3967.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3712.499993	-0.0019	3967.499992	-0.002
3.8	3712.499996	-0.0011	3967.500001	0.0003
4.4	3712.500003	0.0008	3967.500005	0.0013

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647500 (3712.5 MHz)		CH 664500 (3967.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3712.499991	-0.0024	3967.499992	-0.002
-20	3712.500004	0.0011	3967.500009	0.0023
-10	3712.500008	0.0022	3967.500009	0.0023
0	3712.500007	0.0019	3967.500005	0.0013
10	3712.499997	-0.0008	3967.500001	0.0003
20	3712.49999	-0.0027	3967.499994	-0.0015
30	3712.499994	-0.0016	3967.499997	-0.0008
40	3712.499995	-0.0013	3967.499996	-0.001
50	3712.499992	-0.0022	3967.499993	-0.0018
60	3712.500006	0.0016	3967.500008	0.002
70	3712.499991	-0.0024	3967.499993	-0.0018
75	3712.499993	-0.0019	3967.499996	-0.001

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647668 (3715.02 MHz)		CH 664332 (3964.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3715.019991	-0.0024	3964.97999	-0.0025
3.8	3715.020003	0.0008	3964.980007	0.0018
4.4	3715.019991	-0.0024	3964.979994	-0.0015

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647668 (3715.02 MHz)		CH 664332 (3964.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3715.020005	0.0013	3964.980006	0.0015
-20	3715.019994	-0.0016	3964.979991	-0.0023
-10	3715.019997	-0.0008	3964.979997	-0.0008
0	3715.020006	0.0016	3964.980002	0.0005
10	3715.019996	-0.0011	3964.979994	-0.0015
20	3715.019995	-0.0013	3964.979994	-0.0015
30	3715.019992	-0.0022	3964.979996	-0.001
40	3715.019994	-0.0016	3964.979991	-0.0023
50	3715.020006	0.0016	3964.979998	-0.0005
60	3715.019997	-0.0008	3964.979994	-0.0015
70	3715.020003	0.0008	3964.980007	0.0018
75	3715.020006	0.0016	3964.980009	0.0023

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3719.999998	-0.0005	3959.999995	-0.0013
3.8	3720.000002	0.0005	3960.000001	0.0003
4.4	3719.999995	-0.0013	3959.999995	-0.0013

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3720.000004	0.0011	3960.000003	0.0008
-20	3719.999997	-0.0008	3959.999993	-0.0018
-10	3719.999992	-0.0022	3959.999993	-0.0018
0	3720.000006	0.0016	3960.000001	0.0003
10	3720.000002	0.0005	3960.000007	0.0018
20	3720.000001	0.0003	3959.999996	-0.001
30	3719.999997	-0.0008	3959.999998	-0.0005
40	3719.999998	-0.0005	3959.999996	-0.001
50	3719.999994	-0.0016	3959.999995	-0.0013
60	3720.000004	0.0011	3960.000004	0.001
70	3720.000003	0.0008	3960.000006	0.0015
75	3720.000009	0.0024	3960.000007	0.0018

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648334 (3725.01 MHz)		CH 663666 (3954.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3725.009999	-0.0003	3954.989998	-0.0005
3.8	3725.010007	0.0019	3954.990003	0.0008
4.4	3725.010002	0.0005	3954.990004	0.001

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 648334 (3725.01 MHz)		CH 663666 (3954.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3725.009999	-0.0003	3954.990002	0.0005
-20	3725.009998	-0.0005	3954.989998	-0.0005
-10	3725.010008	0.0021	3954.990003	0.0008
0	3725.010007	0.0019	3954.990006	0.0015
10	3725.009997	-0.0008	3954.989996	-0.001
20	3725.009996	-0.0011	3954.989995	-0.0013
30	3725.009993	-0.0019	3954.989998	-0.0005
40	3725.009993	-0.0019	3954.989995	-0.0013
50	3725.009995	-0.0013	3954.990009	0.0023
60	3725.009995	-0.0013	3954.989993	-0.0018
70	3725.009998	-0.0005	3954.989995	-0.0013
75	3725.010004	0.0011	3954.990002	0.0005

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 60 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647334 (3710.01 MHz)		CH 664666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3710.010007	0.0019	3969.990008	0.002
3.8	3710.009999	-0.0003	3969.989996	-0.001
4.4	3710.010003	0.0008	3969.990003	0.0008

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647334 (3710.01 MHz)		CH 664666 (3969.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3710.009996	-0.0011	3969.989996	-0.001
-20	3710.010005	0.0013	3969.990004	0.001
-10	3710.009998	-0.0005	3969.989995	-0.0013
0	3710.010008	0.0022	3969.990007	0.0018
10	3710.010007	0.0019	3969.990003	0.0008
20	3710.009997	-0.0008	3969.989992	-0.002
30	3710.009997	-0.0008	3969.989993	-0.0018
40	3710.009993	-0.0019	3969.989995	-0.0013
50	3710.009999	-0.0003	3969.989998	-0.0005
60	3710.009995	-0.0013	3969.989996	-0.001
70	3710.010001	0.0003	3969.990006	0.0015
75	3710.009998	-0.0005	3969.990002	0.0005

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647500 (3712.5 MHz)		CH 664500 (3967.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3712.50001	0.0027	3967.50001	0.0025
3.8	3712.500005	0.0013	3967.500008	0.002
4.4	3712.499992	-0.0022	3967.499992	-0.002

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647500 (3712.5 MHz)		CH 664500 (3967.5 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3712.500001	0.0003	3967.500003	0.0008
-20	3712.500008	0.0022	3967.500004	0.001
-10	3712.500004	0.0011	3967.499999	-0.0003
0	3712.499999	-0.0003	3967.500002	0.0005
10	3712.500004	0.0011	3967.500004	0.001
20	3712.499992	-0.0022	3967.49999	-0.0025
30	3712.499996	-0.0011	3967.499993	-0.0018
40	3712.499997	-0.0008	3967.499993	-0.0018
50	3712.500008	0.0022	3967.500004	0.001
60	3712.500003	0.0008	3967.500007	0.0018
70	3712.500008	0.0022	3967.500005	0.0013
75	3712.499995	-0.0013	3967.499993	-0.0018

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 647668 (3715.02 MHz)		CH 664332 (3964.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3715.019993	-0.0019	3964.979994	-0.0015
3.8	3715.020008	0.0022	3964.980008	0.002
4.4	3715.019993	-0.0019	3964.97999	-0.0025

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 647668 (3715.02 MHz)		CH 664332 (3964.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3715.020001	0.0003	3964.979997	-0.0008
-20	3715.019994	-0.0016	3964.979994	-0.0015
-10	3715.020003	0.0008	3964.979999	-0.0003
0	3715.019997	-0.0008	3964.979993	-0.0018
10	3715.020006	0.0016	3964.980004	0.001
20	3715.020006	0.0016	3964.980009	0.0023
30	3715.019996	-0.0011	3964.979995	-0.0013
40	3715.019995	-0.0013	3964.979995	-0.0013
50	3715.020001	0.0003	3964.979996	-0.001
60	3715.020001	0.0003	3964.980004	0.001
70	3715.020003	0.0008	3964.979998	-0.0005
75	3715.020009	0.0024	3964.980008	0.002

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3720.000006	0.0016	3960.000004	0.001
3.8	3719.999993	-0.0019	3959.99999	-0.0025
4.4	3720.000002	0.0005	3960.000006	0.0015

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 648000 (3720 MHz)		CH 664000 (3960 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3719.999996	-0.0011	3959.999992	-0.002
-20	3719.999995	-0.0013	3959.999997	-0.0008
-10	3720.000002	0.0005	3959.999999	-0.0003
0	3719.999994	-0.0016	3959.999997	-0.0008
10	3719.999994	-0.0016	3959.999992	-0.002
20	3719.999999	-0.0003	3959.999997	-0.0008
30	3720.000008	0.0022	3960.000004	0.001
40	3719.999991	-0.0024	3959.999992	-0.002
50	3720.000004	0.0011	3960.000007	0.0018
60	3719.999999	-0.0003	3960.000001	0.0003
70	3720.000003	0.0008	3960.000008	0.002
75	3719.999991	-0.0024	3959.999993	-0.0018

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

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 648334 (3725.01 MHz)		CH 663666 (3954.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3725.010004	0.0011	3954.990005	0.0013
3.8	3725.009995	-0.0013	3954.989999	-0.0003
4.4	3725.010009	0.0024	3954.990008	0.002

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 648334 (3725.01 MHz)		CH 663666 (3954.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3725.010008	0.0021	3954.990009	0.0023
-20	3725.009994	-0.0016	3954.989998	-0.0005
-10	3725.009992	-0.0021	3954.989993	-0.0018
0	3725.010002	0.0005	3954.989998	-0.0005
10	3725.009996	-0.0011	3954.989996	-0.001
20	3725.009992	-0.0021	3954.989992	-0.002
30	3725.009991	-0.0024	3954.989991	-0.0023
40	3725.010007	0.0019	3954.990006	0.0015
50	3725.010007	0.0019	3954.990003	0.0008
60	3725.010009	0.0024	3954.990007	0.0018
70	3725.01001	0.0027	3954.990009	0.0023
75	3725.009992	-0.0021	3954.98999	-0.0025

7.8.11 NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 10 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630334 (3455.01 MHz)		CH 636332 (3544.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3455.009999	-0.0003	3544.979998	-0.0006
3.8	3455.010002	0.0006	3544.980006	0.0017
4.4	3455.009994	-0.0017	3544.979993	-0.002

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630334 (3455.01 MHz)		CH 636332 (3544.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3455.009998	-0.0006	3544.979999	-0.0003
-20	3455.00999	-0.0029	3544.979994	-0.0017
-10	3455.010007	0.002	3544.980004	0.0011
0	3455.009993	-0.002	3544.979991	-0.0025
10	3455.010003	0.0009	3544.980006	0.0017
20	3455.010002	0.0006	3544.979999	-0.0003
30	3455.009992	-0.0023	3544.979991	-0.0025
40	3455.009994	-0.0017	3544.979998	-0.0006
50	3455.00999	-0.0029	3544.979991	-0.0025
60	3455.01001	0.0029	3544.980009	0.0025
70	3455.009993	-0.002	3544.979998	-0.0006
75	3455.009999	-0.0003	3544.979994	-0.0017

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 15 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630500 (3457.5 MHz)		CH 636166 (3542.49 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3457.500002	0.0006	3542.490003	0.0008
3.8	3457.499995	-0.0014	3542.48999	-0.0028
4.4	3457.499998	-0.0006	3542.489995	-0.0014

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630500 (3457.5 MHz)		CH 636166 (3542.49 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3457.499991	-0.0026	3542.489995	-0.0014
-20	3457.499992	-0.0023	3542.489995	-0.0014
-10	3457.500005	0.0014	3542.490005	0.0014
0	3457.500003	0.0009	3542.489995	-0.0014
10	3457.499994	-0.0017	3542.489993	-0.002
20	3457.50001	0.0029	3542.490009	0.0025
30	3457.500009	0.0026	3542.490008	0.0023
40	3457.500006	0.0017	3542.490001	0.0003
50	3457.500006	0.0017	3542.490008	0.0023
60	3457.500002	0.0006	3542.490007	0.002
70	3457.500008	0.0023	3542.490006	0.0017
75	3457.499991	-0.0026	3542.48999	-0.0028

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 20 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630668 (3460.02 MHz)		CH 636000 (3540 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3460.019996	-0.0012	3539.999996	-0.0011
3.8	3460.020007	0.002	3540.00001	0.0028
4.4	3460.019995	-0.0014	3539.999993	-0.002

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630668 (3460.02 MHz)		CH 636000 (3540 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3460.019999	-0.0003	3540.000003	0.0008
-20	3460.020001	0.0003	3539.999997	-0.0008
-10	3460.019999	-0.0003	3539.999995	-0.0014
0	3460.019993	-0.002	3539.999993	-0.002
10	3460.020004	0.0012	3540.000004	0.0011
20	3460.019992	-0.0023	3539.99999	-0.0028
30	3460.019992	-0.0023	3539.999995	-0.0014
40	3460.020003	0.0009	3540.000006	0.0017
50	3460.019998	-0.0006	3540.000002	0.0006
60	3460.020002	0.0006	3540.000006	0.0017
70	3460.01999	-0.0029	3539.999991	-0.0025
75	3460.019998	-0.0006	3540.000002	0.0006

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 25 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630834 (3462.51 MHz)		CH 635832 (3537.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3462.509995	-0.0014	3537.479997	-0.0008
3.8	3462.510007	0.002	3537.480009	0.0025
4.4	3462.509991	-0.0026	3537.479995	-0.0014

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630834 (3462.51 MHz)		CH 635832 (3537.48 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3462.510004	0.0012	3537.480009	0.0025
-20	3462.509993	-0.002	3537.479996	-0.0011
-10	3462.510006	0.0017	3537.480007	0.002
0	3462.509996	-0.0012	3537.479999	-0.0003
10	3462.509995	-0.0014	3537.479995	-0.0014
20	3462.510005	0.0014	3537.480004	0.0011
30	3462.510005	0.0014	3537.480005	0.0014
40	3462.510001	0.0003	3537.479997	-0.0008
50	3462.510007	0.002	3537.48001	0.0028
60	3462.510003	0.0009	3537.479998	-0.0006
70	3462.510009	0.0026	3537.480008	0.0023
75	3462.510006	0.0017	3537.480004	0.0011

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 30 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631000 (3465 MHz)		CH 635666 (3534.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3464.999998	-0.0006	3534.989996	-0.0011
3.8	3465.000001	0.0003	3534.990002	0.0006
4.4	3465.000008	0.0023	3534.990006	0.0017

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 631000 (3465 MHz)		CH 635666 (3534.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3464.999997	-0.0009	3534.989997	-0.0008
-20	3465.000004	0.0012	3534.990005	0.0014
-10	3464.999994	-0.0017	3534.989994	-0.0017
0	3465.000007	0.002	3534.990004	0.0011
10	3465.000002	0.0006	3534.990002	0.0006
20	3464.999996	-0.0012	3534.989996	-0.0011
30	3464.999991	-0.0026	3534.989993	-0.002
40	3465.000002	0.0006	3534.990005	0.0014
50	3464.999994	-0.0017	3534.989992	-0.0023
60	3465.000008	0.0023	3534.990005	0.0014
70	3464.999993	-0.002	3534.989993	-0.002
75	3465.000007	0.002	3534.990001	0.0003

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 40 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631334 (3470.01 MHz)		CH 635332 (3529.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3470.009998	-0.0006	3529.980002	0.0006
3.8	3470.009994	-0.0017	3529.979998	-0.0006
4.4	3470.009998	-0.0006	3529.979997	-0.0008

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 631334 (3470.01 MHz)		CH 635332 (3529.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3470.010007	0.002	3529.980006	0.0017
-20	3470.009999	-0.0003	3529.980001	0.0003
-10	3470.010009	0.0026	3529.980007	0.002
0	3470.010002	0.0006	3529.980001	0.0003
10	3470.009992	-0.0023	3529.979993	-0.002
20	3470.009991	-0.0026	3529.97999	-0.0028
30	3470.009994	-0.0017	3529.979994	-0.0017
40	3470.009995	-0.0014	3529.979993	-0.002
50	3470.010007	0.002	3529.980005	0.0014
60	3470.010001	0.0003	3529.980009	0.0025
70	3470.010006	0.0017	3529.980008	0.0023
75	3470.009994	-0.0017	3529.979995	-0.0014

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 50 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 631668 (3475.02 MHz)		CH 635000 (3525 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3475.019991	-0.0026	3524.999995	-0.0014
3.8	3475.020007	0.002	3525.000003	0.0009
4.4	3475.019998	-0.0006	3524.999992	-0.0023

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 631668 (3475.02 MHz)		CH 635000 (3525 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3475.019992	-0.0023	3524.999996	-0.0011
-20	3475.019991	-0.0026	3524.999991	-0.0026
-10	3475.019998	-0.0006	3524.999999	-0.0003
0	3475.020002	0.0006	3524.999999	-0.0003
10	3475.020002	0.0006	3525.000004	0.0011
20	3475.020008	0.0023	3525.00001	0.0028
30	3475.019996	-0.0012	3524.999996	-0.0011
40	3475.019999	-0.0003	3524.999998	-0.0006
50	3475.020001	0.0003	3525.000006	0.0017
60	3475.019992	-0.0023	3524.99999	-0.0028
70	3475.020007	0.002	3525.000003	0.0009
75	3475.019991	-0.0026	3524.99999	-0.0028

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 60 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632000 (3480 MHz)		CH 634666 (3519.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3479.999999	-0.0003	3519.989999	-0.0003
3.8	3479.999997	-0.0009	3519.990006	0.0017
4.4	3479.999992	-0.0023	3519.989997	-0.0009

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 632000 (3480 MHz)		CH 634666 (3519.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3480.000003	0.0009	3519.990001	0.0003
-20	3479.999997	-0.0009	3519.990004	0.0011
-10	3479.999996	-0.0011	3519.989995	-0.0014
0	3480.000003	0.0009	3519.990004	0.0011
10	3479.999995	-0.0014	3519.989995	-0.0014
20	3479.99999	-0.0029	3519.989993	-0.002
30	3480.000004	0.0011	3519.990008	0.0023
40	3480.000005	0.0014	3519.990004	0.0011
50	3479.999999	-0.0003	3519.990003	0.0009
60	3479.999995	-0.0014	3519.989998	-0.0006
70	3479.999996	-0.0011	3519.989996	-0.0011
75	3479.999997	-0.0009	3519.989999	-0.0003

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 70 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632334 (3485.01 MHz)		CH 634332 (3514.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3485.009998	-0.0006	3514.980001	0.0003
3.8	3485.010001	0.0003	3514.980003	0.0009
4.4	3485.010007	0.002	3514.980007	0.002

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 632334 (3485.01 MHz)		CH 634332 (3514.98 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3485.010005	0.0014	3514.980001	0.0003
-20	3485.009997	-0.0009	3514.979997	-0.0009
-10	3485.010007	0.002	3514.980002	0.0006
0	3485.009993	-0.002	3514.979995	-0.0014
10	3485.010003	0.0009	3514.980001	0.0003
20	3485.009998	-0.0006	3514.980001	0.0003
30	3485.010009	0.0026	3514.980006	0.0017
40	3485.009996	-0.0011	3514.979991	-0.0026
50	3485.009993	-0.002	3514.979991	-0.0026
60	3485.010002	0.0006	3514.979998	-0.0006
70	3485.009992	-0.0023	3514.979991	-0.0026
75	3485.009995	-0.0014	3514.979993	-0.002

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 80 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 632668 (3490.02 MHz)		CH 634000 (3510 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3490.019993	-0.002	3509.999994	-0.0017
3.8	3490.019993	-0.002	3509.999996	-0.0011
4.4	3490.020004	0.0011	3510.000003	0.0009

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 632668 (3490.02 MHz)		CH 634000 (3510 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3490.019993	-0.002	3509.999993	-0.002
-20	3490.019997	-0.0009	3509.999994	-0.0017
-10	3490.019999	-0.0003	3510.000002	0.0006
0	3490.019996	-0.0011	3509.999994	-0.0017
10	3490.019991	-0.0026	3509.999991	-0.0026
20	3490.020005	0.0014	3510.000001	0.0028
30	3490.020001	0.0003	3510.000005	0.0014
40	3490.020006	0.0017	3510.000005	0.0014
50	3490.019996	-0.0011	3509.999997	-0.0009
60	3490.019997	-0.0009	3509.999995	-0.0014
70	3490.019993	-0.002	3509.999993	-0.002
75	3490.019994	-0.0017	3509.999995	-0.0014

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 90 MHz

Frequency Stability Versus Voltage				
Voltage (Vdc)	CH 630000 (3495 MHz)		CH 633666 (3504.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
3.3	3494.999996	-0.0011	3504.989996	-0.0011
3.8	3495.000003	0.0009	3504.990004	0.0011
4.4	3495.000006	0.0017	3504.990002	0.0006

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature				
Temperature (°C)	CH 630000 (3495 MHz)		CH 633666 (3504.99 MHz)	
	Frequency (MHz)	Frequency Error (ppm)	Frequency (MHz)	Frequency Error (ppm)
-30	3494.999993	-0.002	3504.989993	-0.002
-20	3495.000001	0.0003	3504.990004	0.0011
-10	3494.999994	-0.0017	3504.989997	-0.0009
0	3494.999998	-0.0006	3504.990001	0.0003
10	3494.999997	-0.0009	3504.989997	-0.0009
20	3495.000007	0.002	3504.990004	0.0011
30	3494.999996	-0.0011	3504.989994	-0.0017
40	3494.999995	-0.0014	3504.989994	-0.0017
50	3494.999992	-0.0023	3504.989996	-0.0011
60	3494.999992	-0.0023	3504.989994	-0.0017
70	3494.999994	-0.0017	3504.989998	-0.0006
75	3494.999994	-0.0017	3504.989992	-0.0023

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 100 MHz

Frequency Stability Versus Voltage		
Voltage (Vdc)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
3.3	3500.009997	-0.0009
3.8	3500.009994	-0.0017
4.4	3500.010003	0.0009

Note: The applicant defined the normal working voltage is from 3.3 to 4.4 Vdc.

Frequency Stability Versus Temperature		
Temperature (°C)	CH 633334 (3500.01 MHz)	
	Frequency (MHz)	Frequency Error (ppm)
-30	3500.009994	-0.0017
-20	3500.010006	0.0017
-10	3500.010009	0.0026
0	3500.009998	-0.0006
10	3500.009994	-0.0017
20	3500.010002	0.0006
30	3500.009998	-0.0006
40	3500.009995	-0.0014
50	3500.009992	-0.0023
60	3500.010004	0.0011
70	3500.009997	-0.0009
75	3500.009997	-0.0009

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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