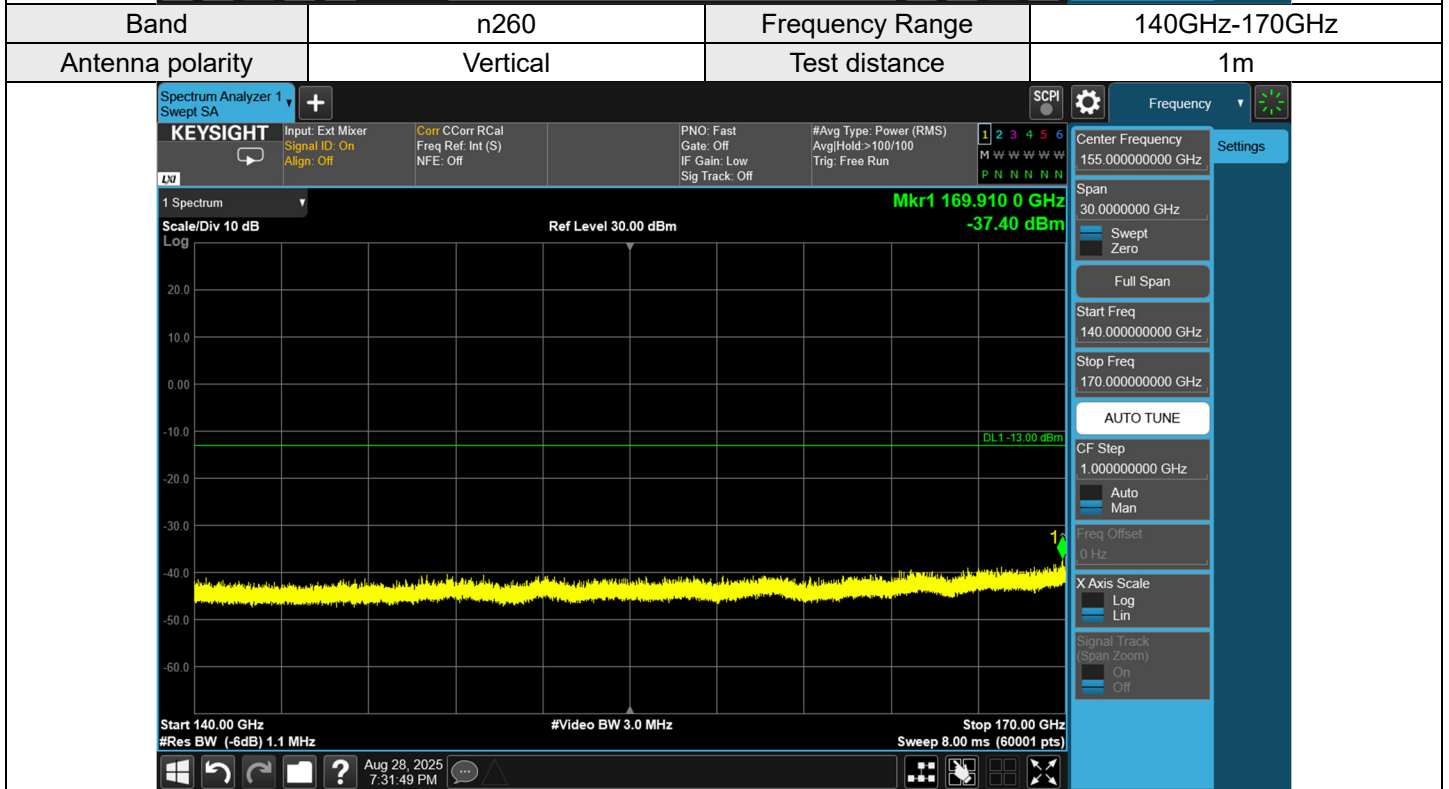
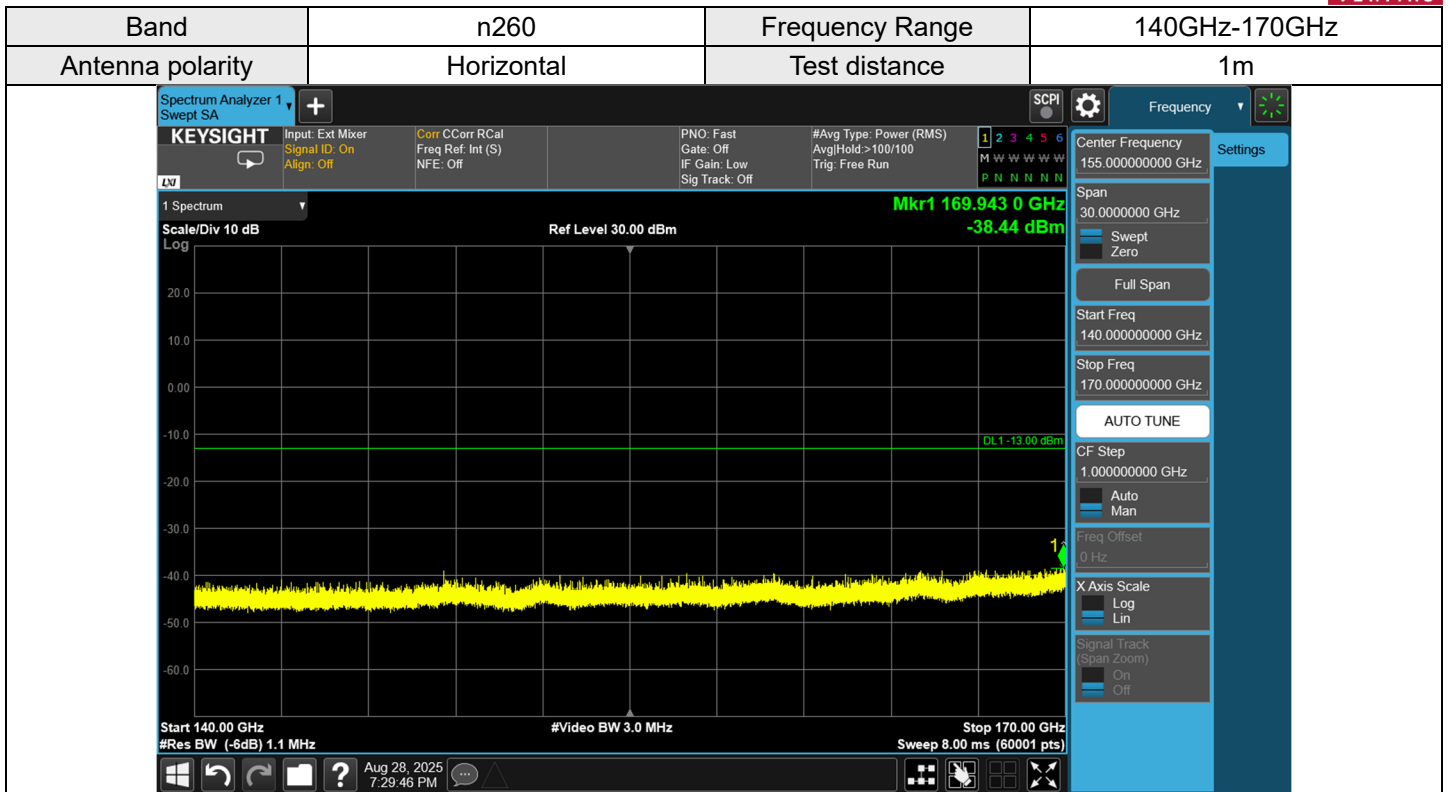
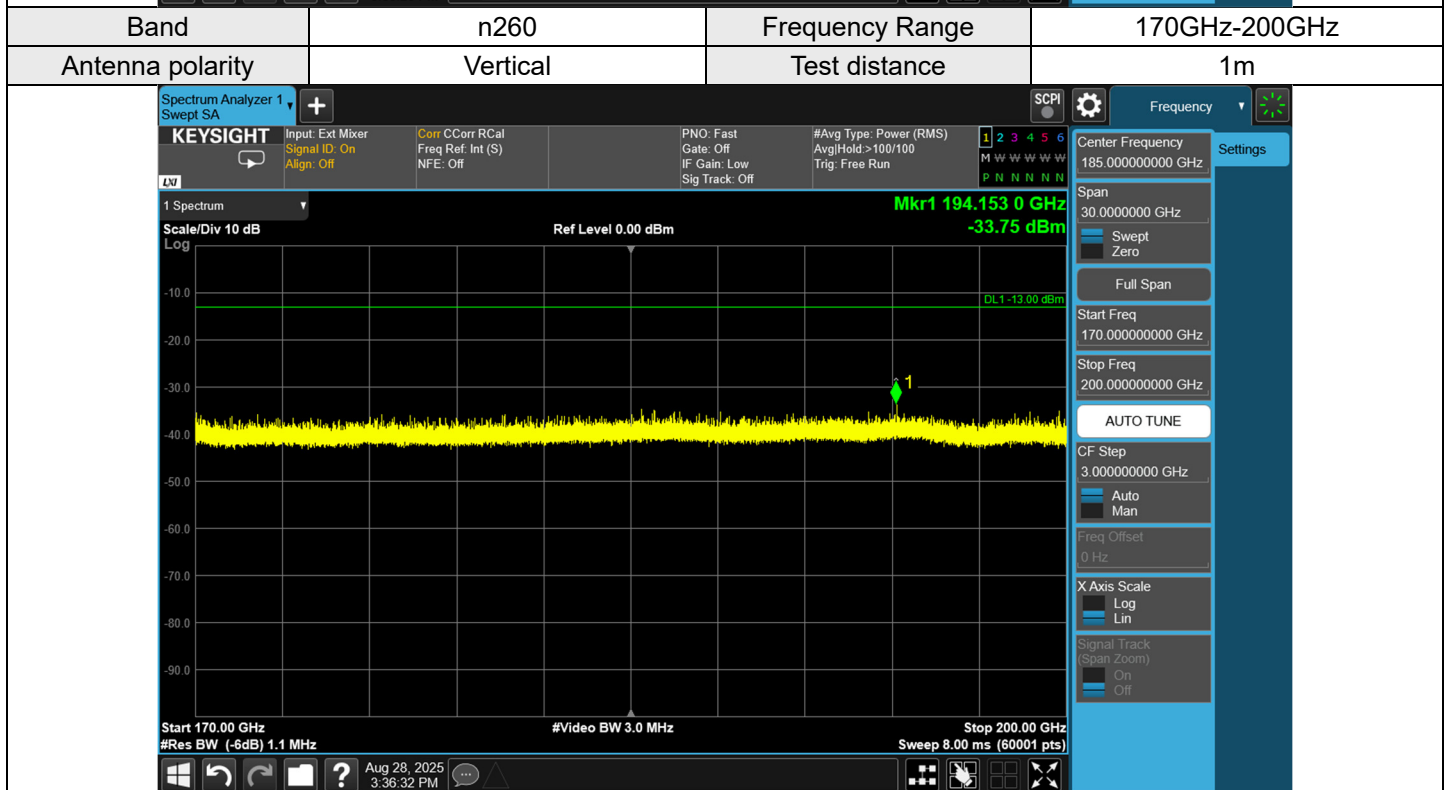
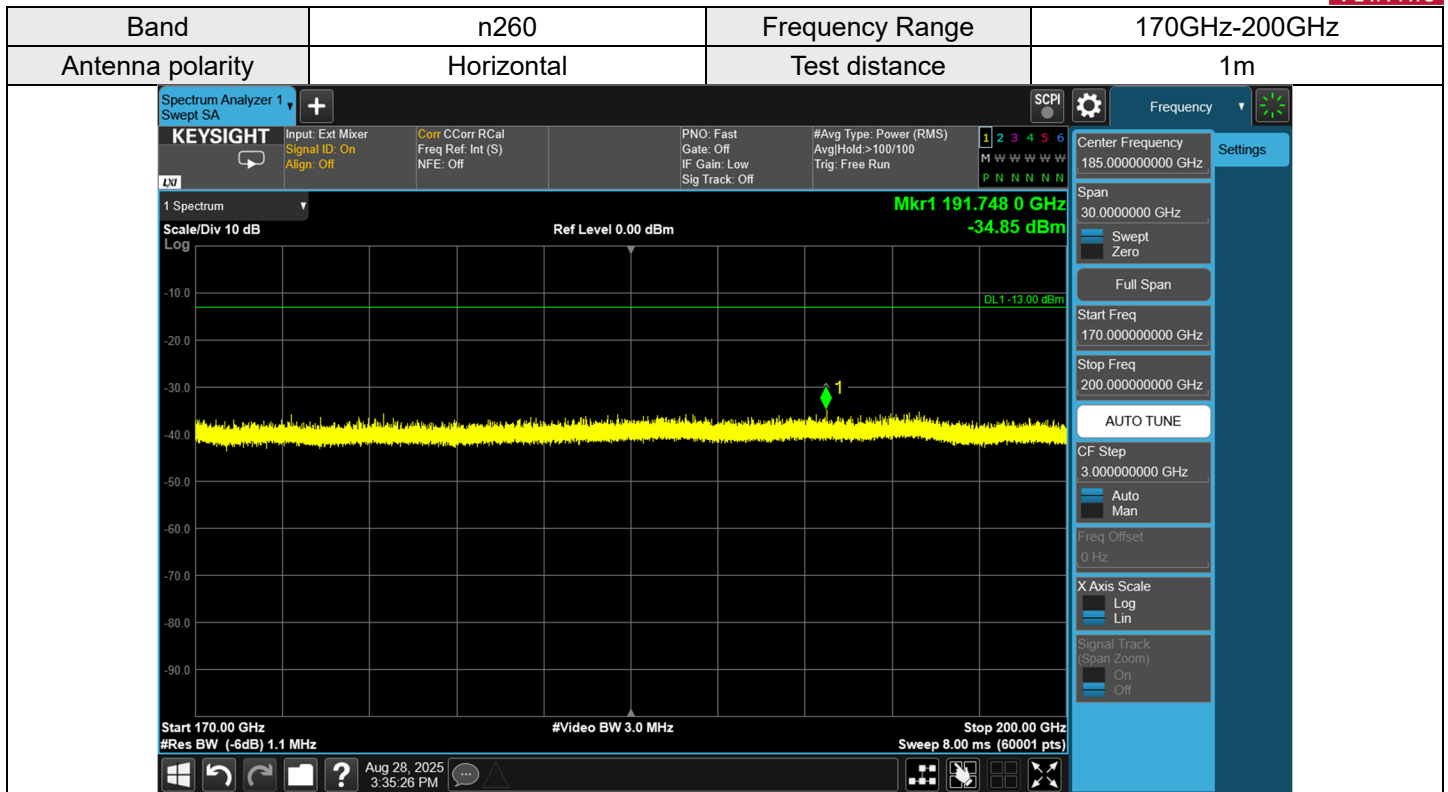




Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.



Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

7.6.2 n261 + NR n77 (3450-3550 MHz) SCS 30 kHz

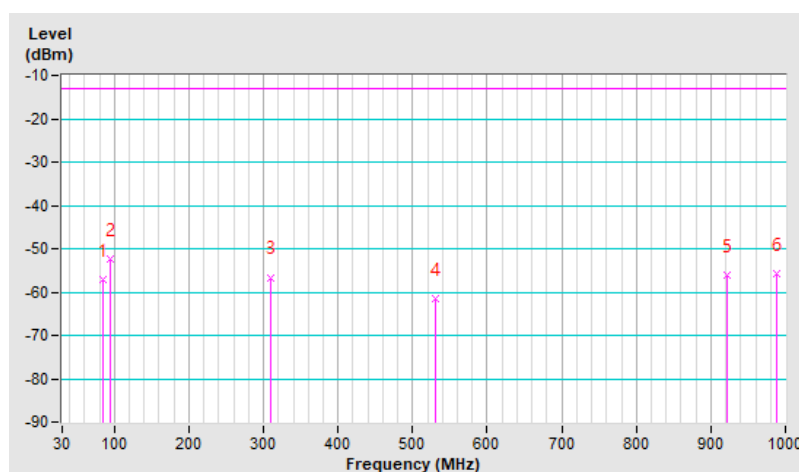
Below 1 GHz

RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + 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	Wade Huang		

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	85.29	-57.10	-13.00	-44.10	1.50 H	156	56.92	-114.02
2	94.02	-52.28	-13.00	-39.28	1.99 H	159	61.39	-113.67
3	310.33	-56.61	-13.00	-43.61	1.00 H	86	50.42	-107.03
4	530.52	-61.56	-13.00	-48.56	1.00 H	332	40.41	-101.97
5	921.43	-56.01	-13.00	-43.01	1.99 H	32	39.23	-95.24
6	988.36	-55.65	-13.00	-42.65	1.00 H	23	38.91	-94.56

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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

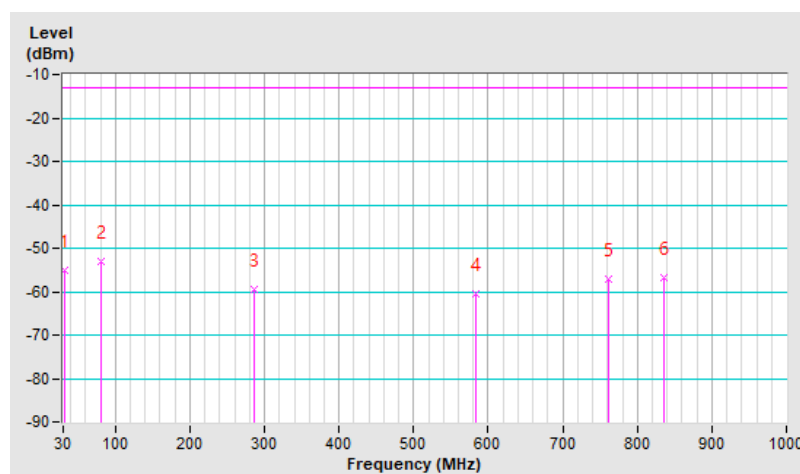


RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + CH 633334 : 3500.01 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Wade Huang		

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	32.91	-55.14	-13.00	-42.14	1.01 V	267	54.40	-109.54
2	80.44	-53.02	-13.00	-40.02	1.01 V	44	60.35	-113.37
3	286.08	-59.43	-13.00	-46.43	1.01 V	242	48.30	-107.73
4	582.90	-60.59	-13.00	-47.59	2.00 V	26	39.80	-100.39
5	762.35	-56.98	-13.00	-43.98	1.50 V	4	40.02	-97.00
6	836.07	-56.86	-13.00	-43.86	2.00 V	2	39.69	-96.55

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 EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



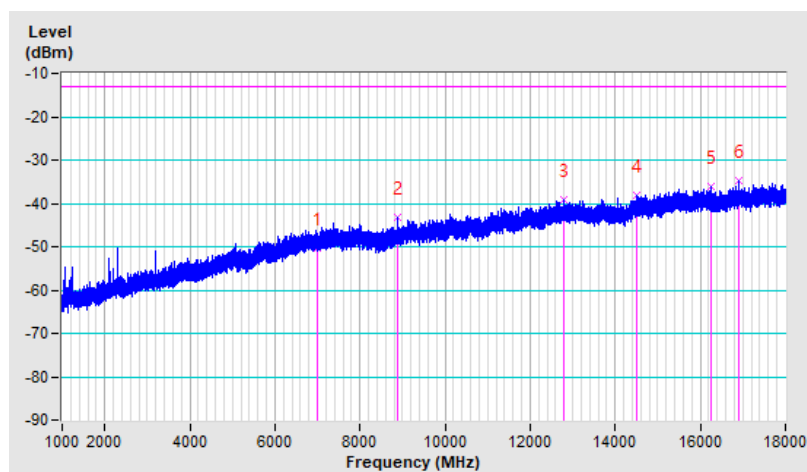
Above 1 GHz

RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Wade Huang		

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	-50.43	-13.00	-37.43	1.00 H	320	39.03	-89.46
2	8888.00	-43.06	-13.00	-30.06	1.50 H	14	46.71	-89.77
3	12791.39	-39.16	-13.00	-26.16	1.50 H	47	48.77	-87.93
4	14507.92	-38.05	-13.00	-25.05	1.00 H	177	50.05	-88.10
5	16263.64	-36.13	-13.00	-23.13	1.00 H	159	51.74	-87.87
6	16888.86	-34.64	-13.00	-21.64	2.00 H	193	53.31	-87.95

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.

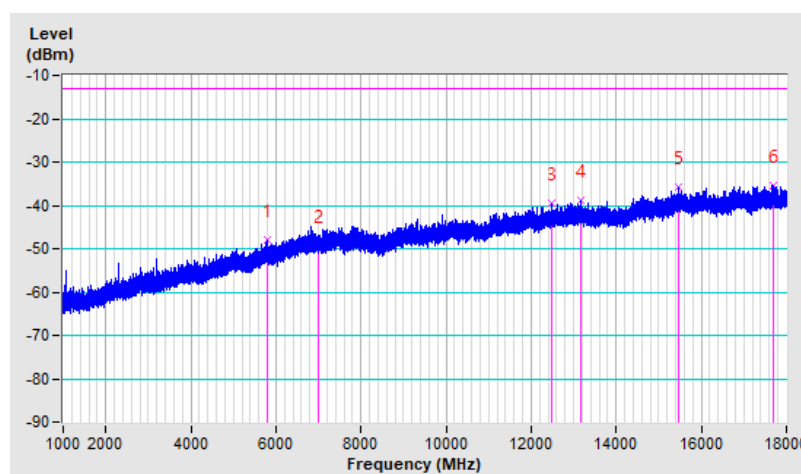


RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + CH 633334 : 3500.01 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Wade Huang		

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	5790.22	-48.08	-13.00	-35.08	1.00 V	133	44.43	-92.51
2	7000.02	-49.38	-13.00	-36.38	2.00 V	251	40.08	-89.46
3	12472.64	-39.62	-13.00	-26.62	1.00 V	46	48.63	-88.25
4	13172.94	-38.65	-13.00	-25.65	1.00 V	317	49.44	-88.09
5	15455.67	-35.63	-13.00	-22.63	1.50 V	150	52.09	-87.72
6	17708.17	-35.54	-13.00	-22.54	1.00 V	271	53.07	-88.61

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.

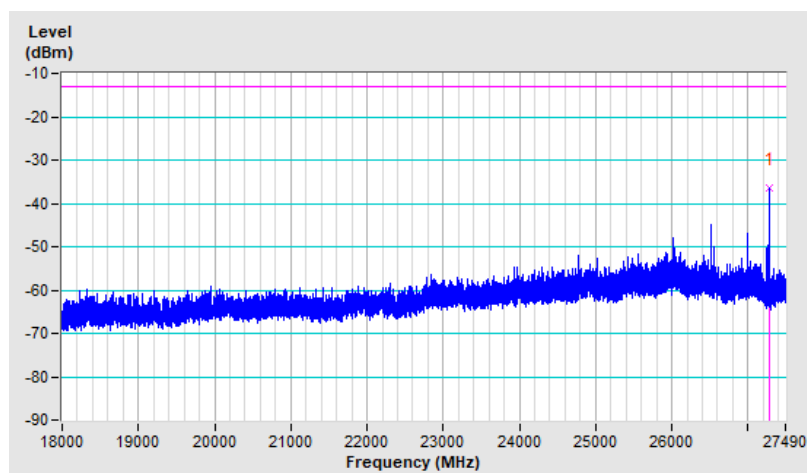


RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + CH 633334 : 3500.01 MHz
Frequency Range	18 GHz ~ 27.49 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 2 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27276.95	-36.52	-13.00	-23.52	1.99 H	100	68.14	-104.66

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.

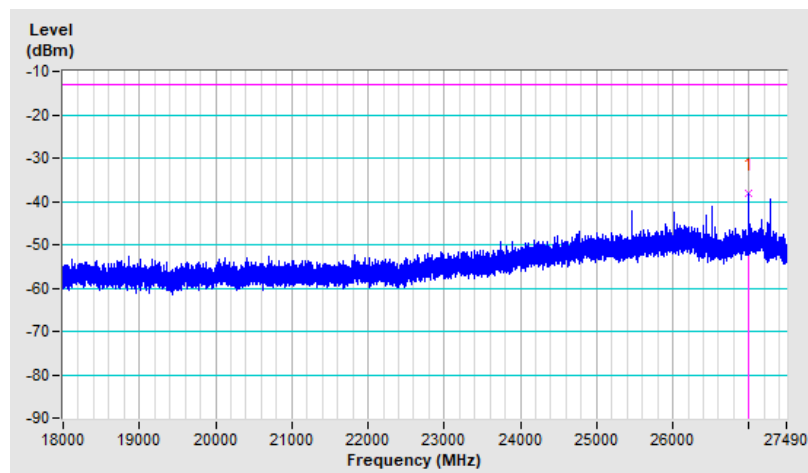


RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + CH 633334 : 3500.01 MHz
Frequency Range	18 GHz ~ 27.49 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Vertical at 2 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26994.62	-38.23	-13.00	-25.23	1.47 V	114	66.07	-104.30

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.

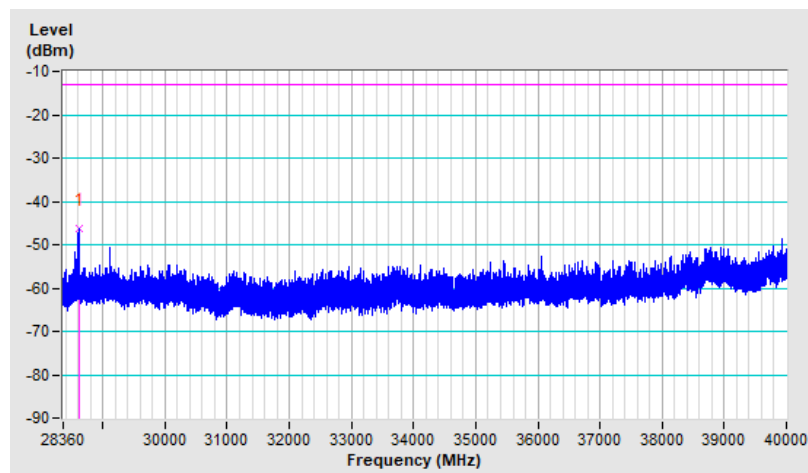


RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + CH 633334 : 3500.01 MHz
Frequency Range	28.36 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 2 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28607.35	-46.22	-13.00	-33.22	1.99 H	100	58.94	-105.16

Remarks:

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

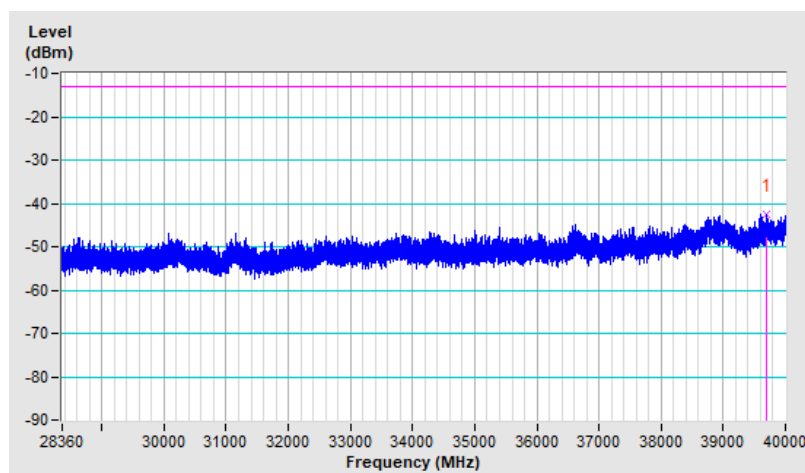


RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + CH 633334 : 3500.01 MHz
Frequency Range	28.36 GHz ~ 40 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Vertical at 2 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39696.39	-42.40	-13.00	-29.40	1.47 V	114	53.52	-95.92

Remarks:

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

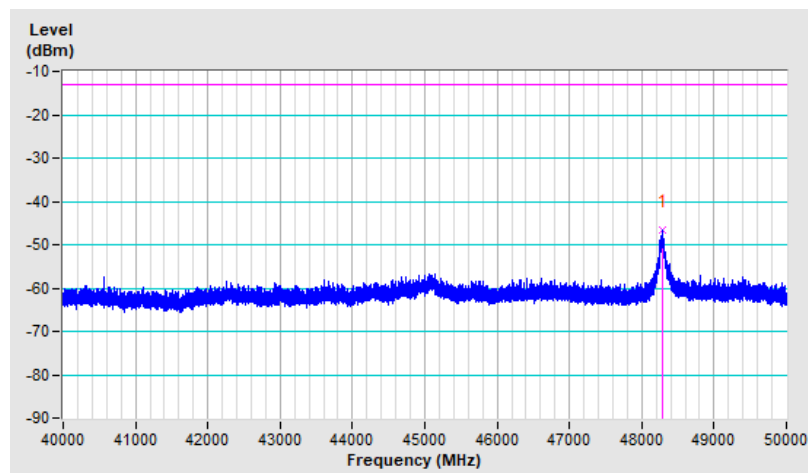


RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + CH 633334 : 3500.01 MHz
Frequency Range	40 GHz ~ 50 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Horizontal at 1 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48281.50	-46.71	-13.00	-33.71	1.61 H	105	62.28	-108.99

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.

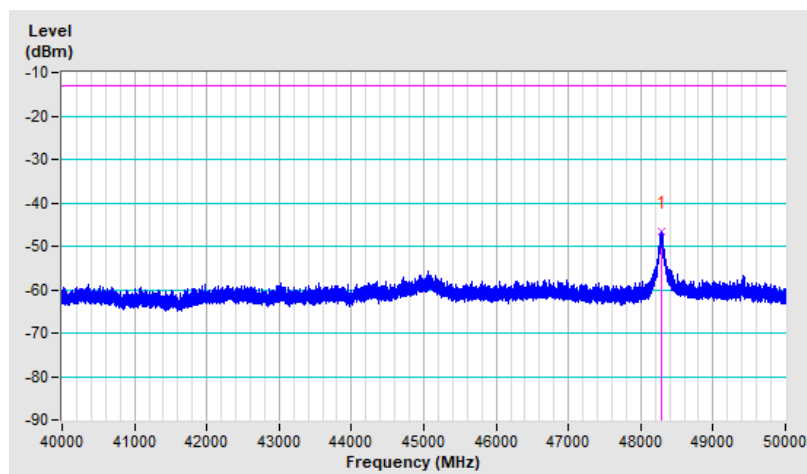


RF Mode	n261 MIMO 1CC 100M + NR n77 Channel Bandwidth: 100MHz	Channel	CH 2071821 : 27559.32 MHz + CH 633334 : 3500.01 MHz
Frequency Range	40 GHz ~ 50 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 68% RH
Tested By	Wade Huang		

Antenna Polarity & Test Distance : Vertical at 1 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48285.50	-46.65	-13.00	-33.65	1.31 V	300	62.33	-108.98

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.



50G-75G	Frequency (GHz)	EIRP	Limit	Margin	Antenna Height	Table Angle	Raw Value	Correction Factor
n261 1CC 100M NRDC H	55.048	-30.6	-13	-17.6	143	274	-26.52	-4.08
n261 1CC 100M NRDC V	55.0475	-31.52	-13	-18.52	103	333	-27.44	-4.08

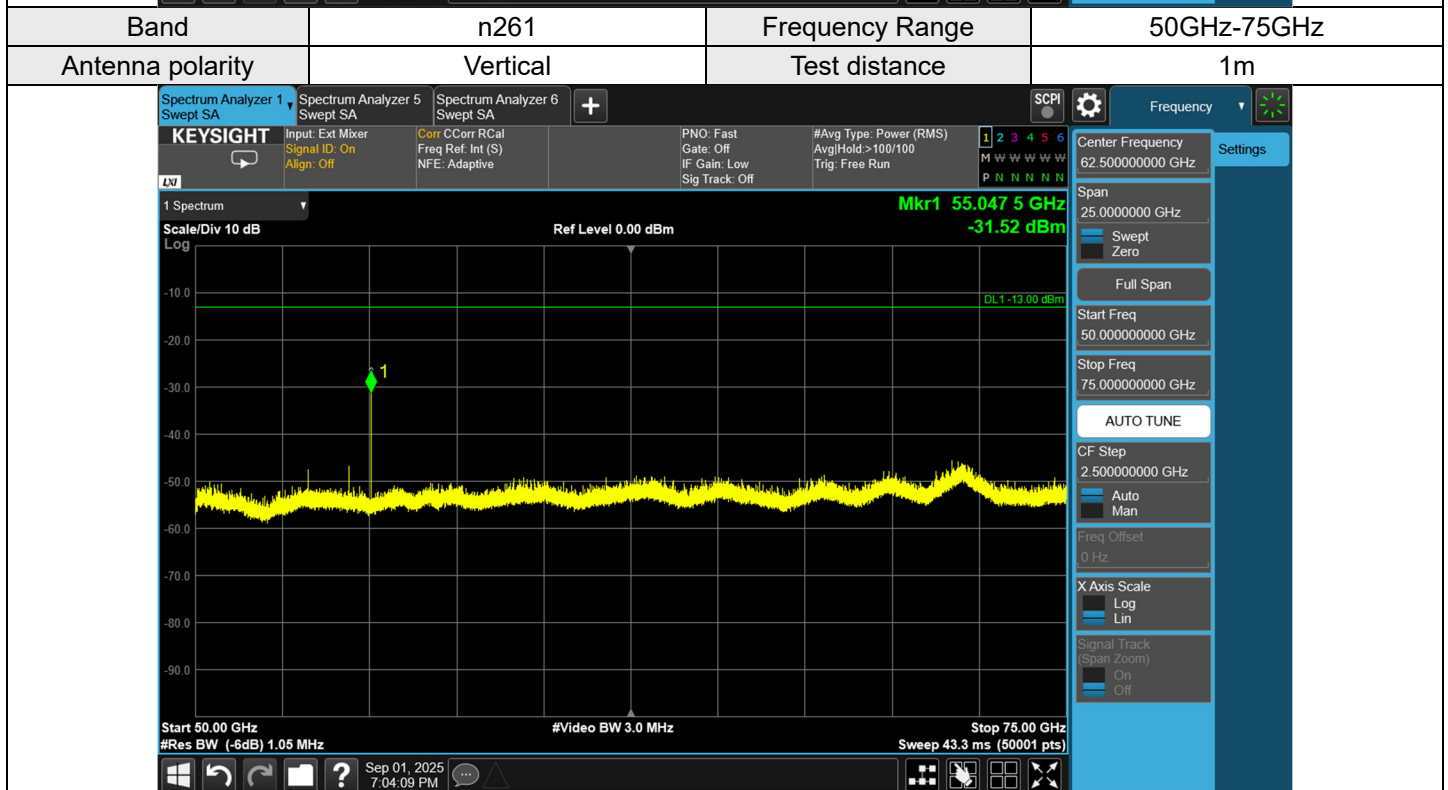
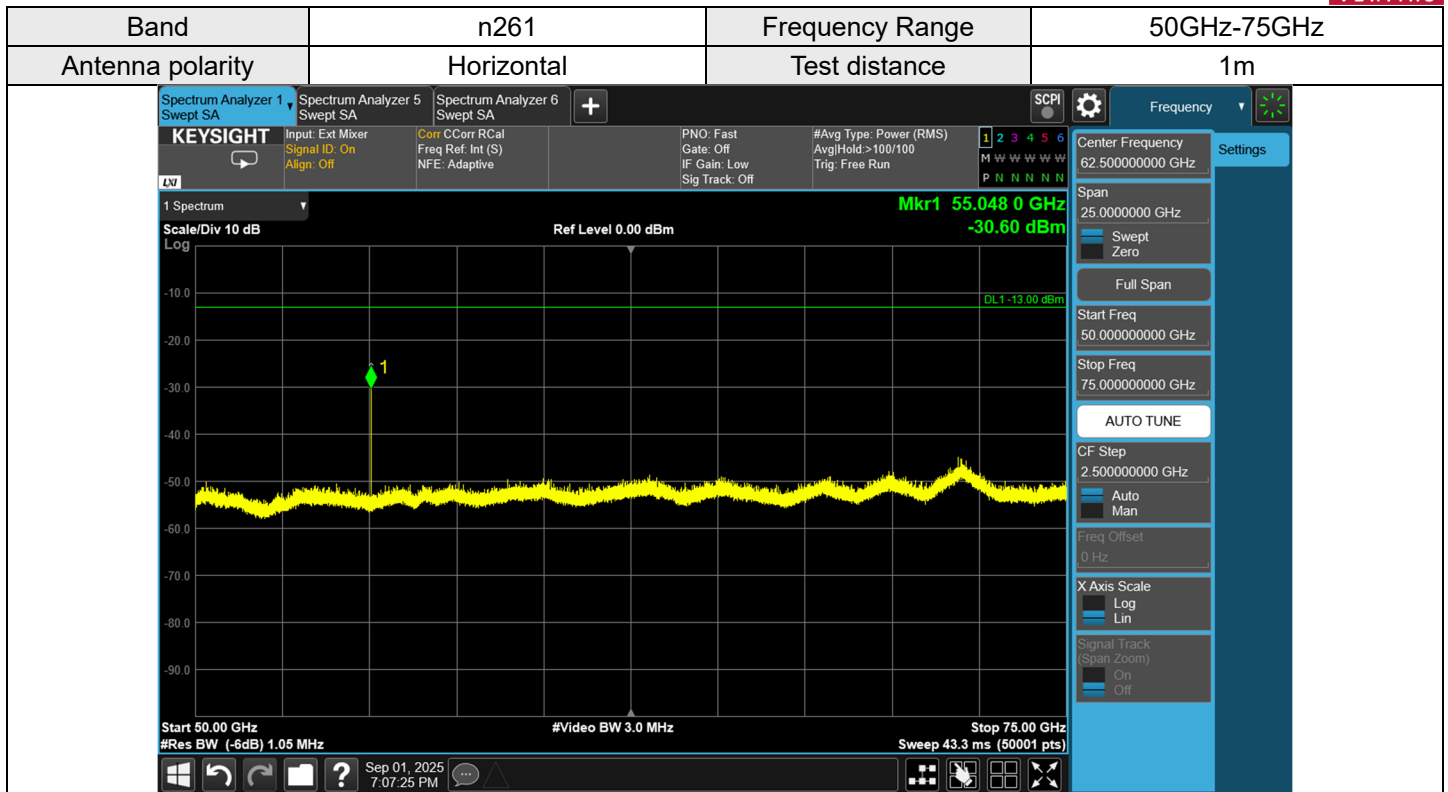
75G-90G	Frequency (GHz)	EIRP	Limit	Margin	Antenna Height	Table Angle	Raw Value	Correction Factor
n261 1CC 100M NRDC H	82.5715	-20.28	-13	-7.28	185	314	-34.79	14.51
n261 1CC 100M NRDC V	82.5715	-21.19	-13	-8.19	121	17	-35.7	14.51

90G-110G	Frequency (GHz)	EIRP	Limit	Margin	Antenna Height	Table Angle	Raw Value	Correction Factor
n261 1CC 100M NRDC H	103.104	-45.96	-13	-32.96	178	320	-64.14	18.18
n261 1CC 100M NRDC V	103.0315	-45.09	-13	-32.09	103	0	-63.27	18.18

110G-140G	Frequency (GHz)	EIRP	Limit	Margin	Antenna Height	Table Angle	Raw Value	Correction Factor
n261 1CC 100M NRDC H	119.58	-39.17	-13	-26.17	157	323	-68.12	28.95
n261 1CC 100M NRDC V	113.1275	-39.05	-13	-26.05	161	22	-67.78	28.73

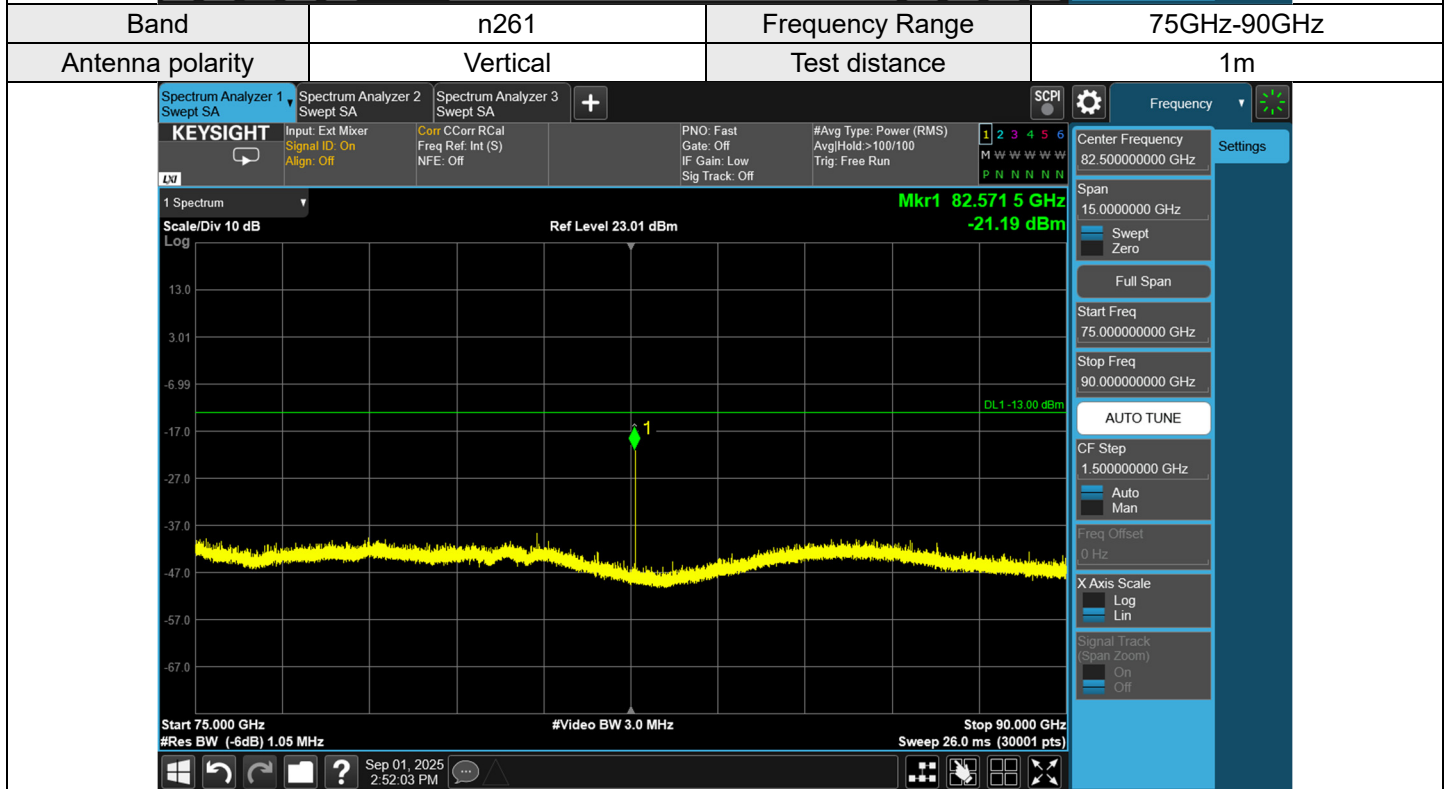
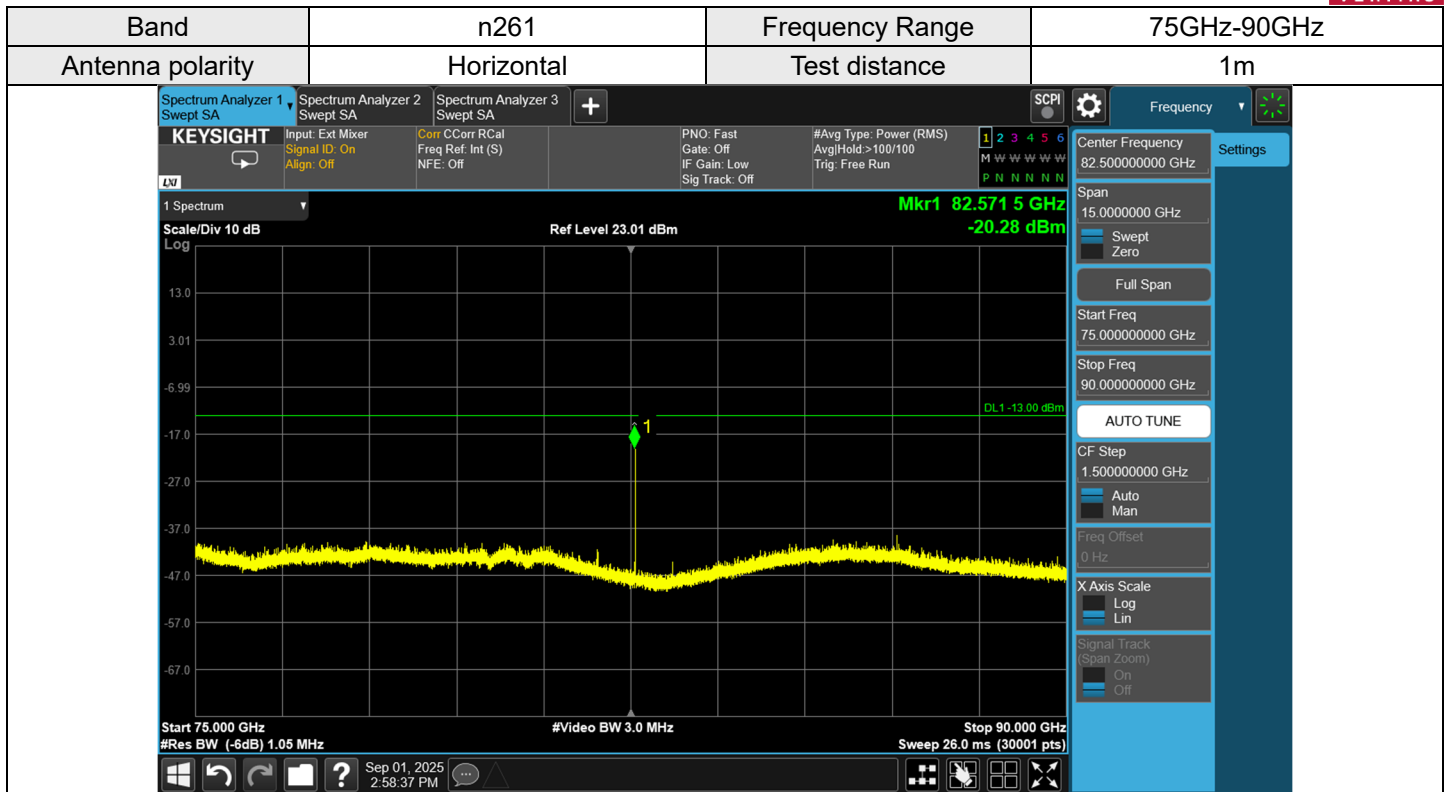
140G-170G	Frequency (GHz)	EIRP	Limit	Margin	Antenna Height	Table Angle	Raw Value	Correction Factor
n261 1CC 100M NRDC H	169.9195	-38.22	-13	-25.22	150	290	-71.45	33.23
n261 1CC 100M NRDC V	160.001	-37.47	-13	-24.47	112	345	-70.7	33.23

170G-200G	Frequency (GHz)	EIRP	Limit	Margin	Antenna Height	Table Angle	Raw Value	Correction Factor
n261 1CC 100M NRDC H	192.7705	-35.06	-13	-22.06	124	269	-89.73	54.67
n261 1CC 100M NRDC V	171.7755	-34.5	-13	-21.5	100	7	-88.91	54.41



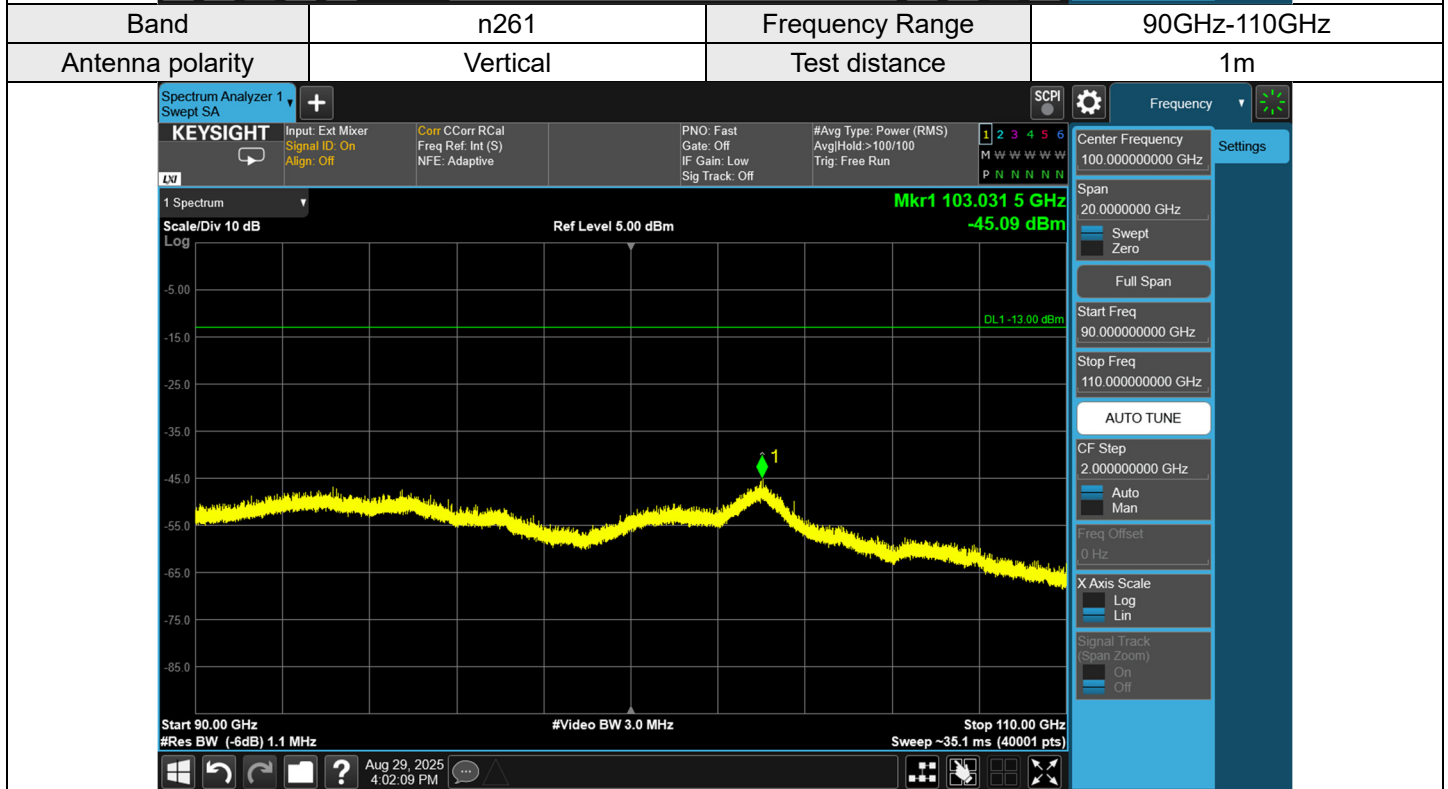
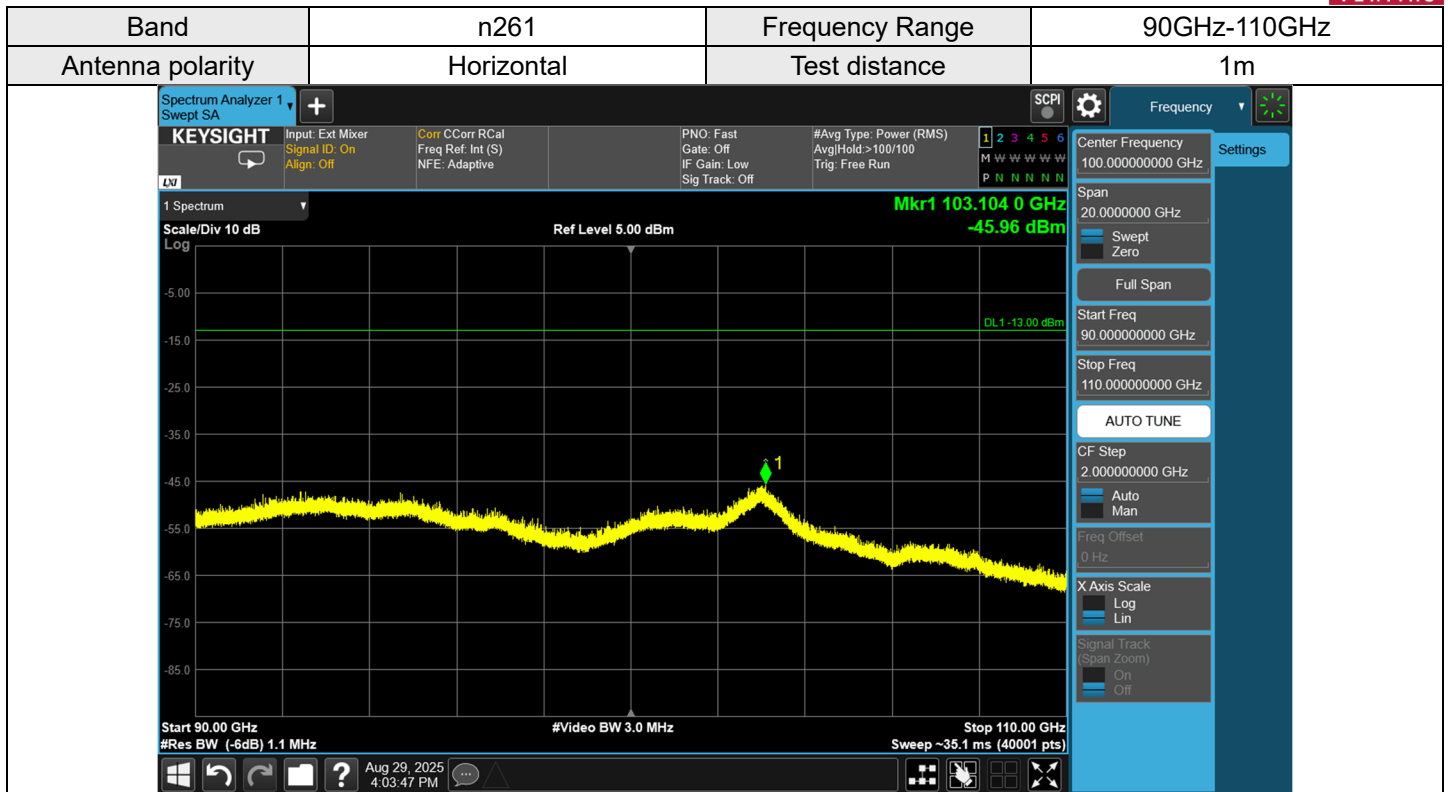
Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.



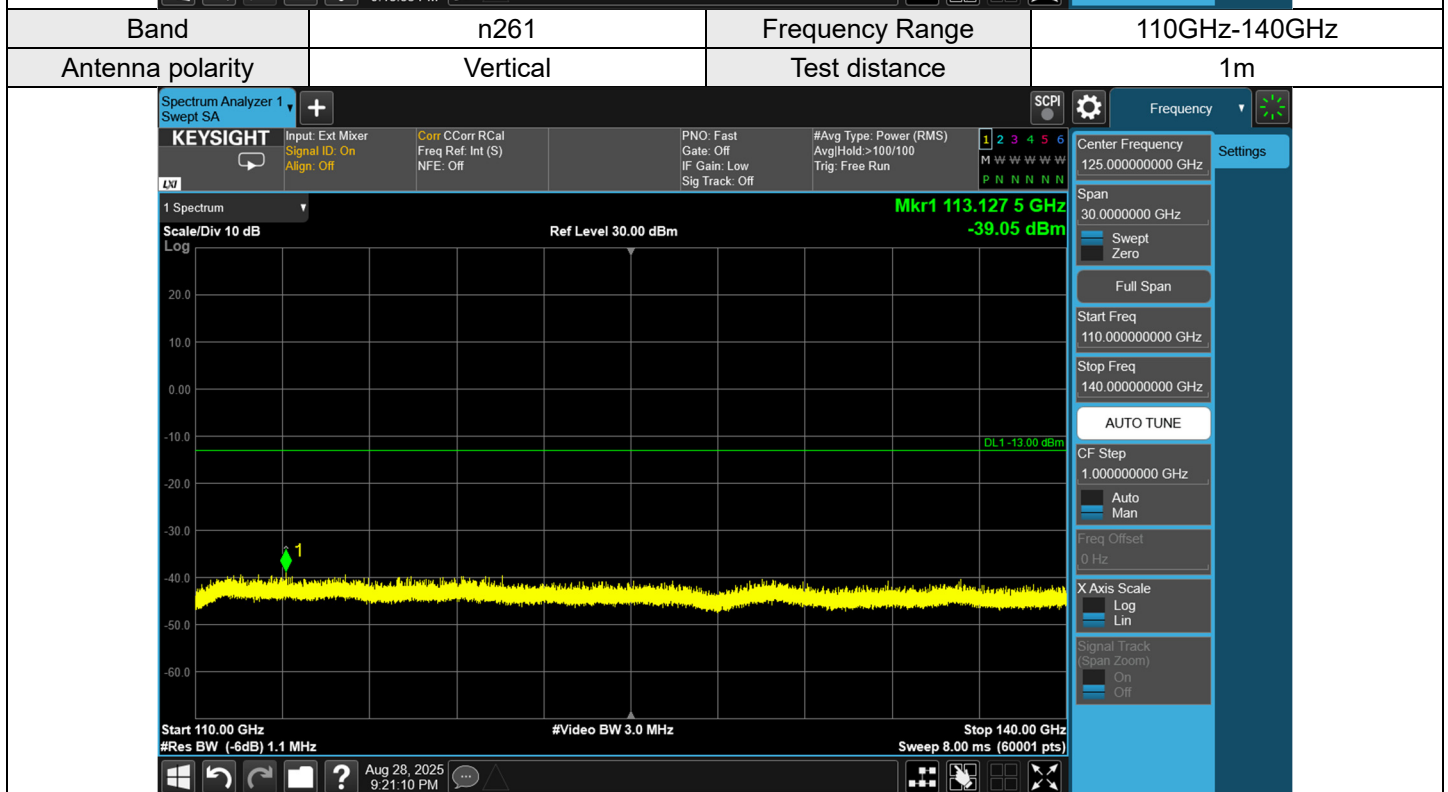
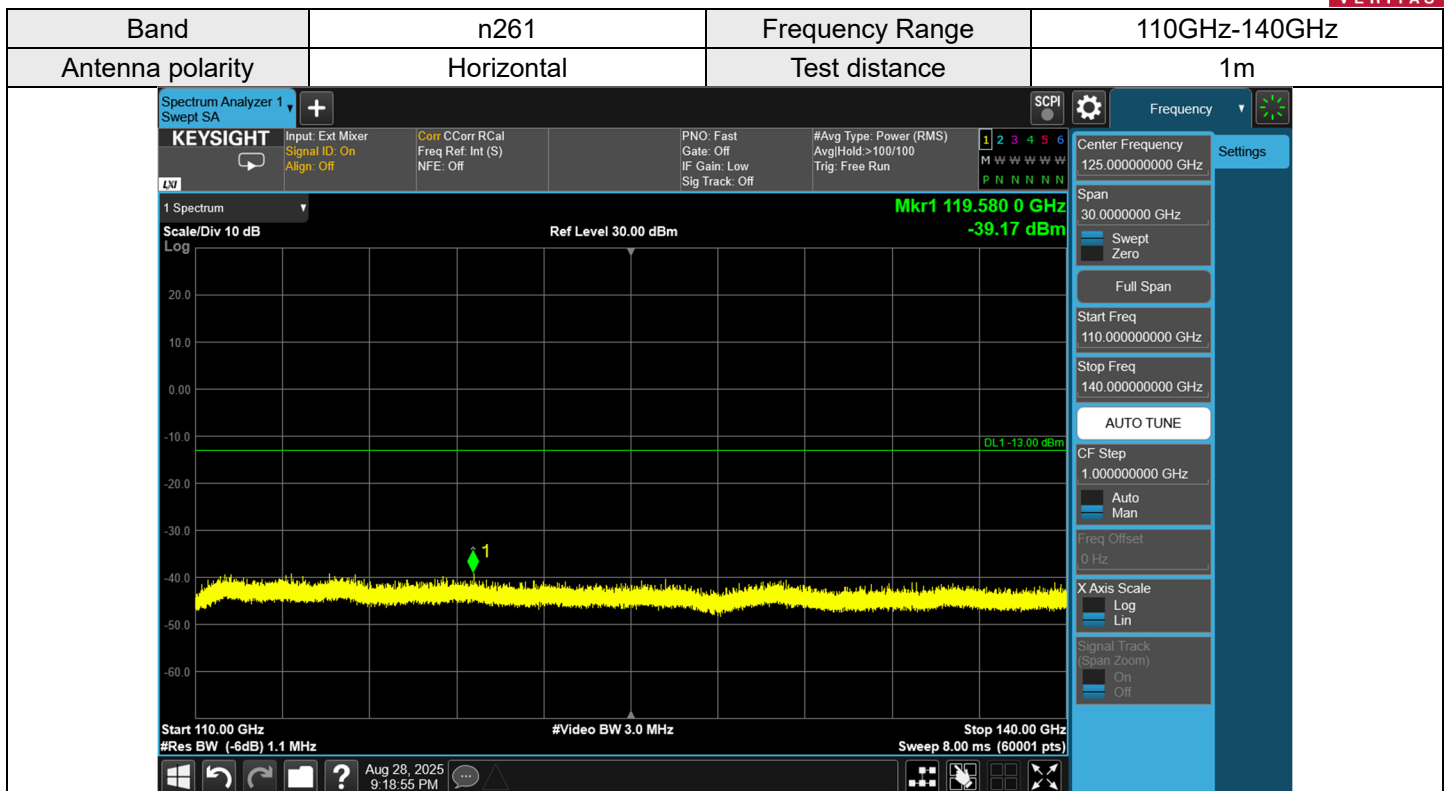
Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.



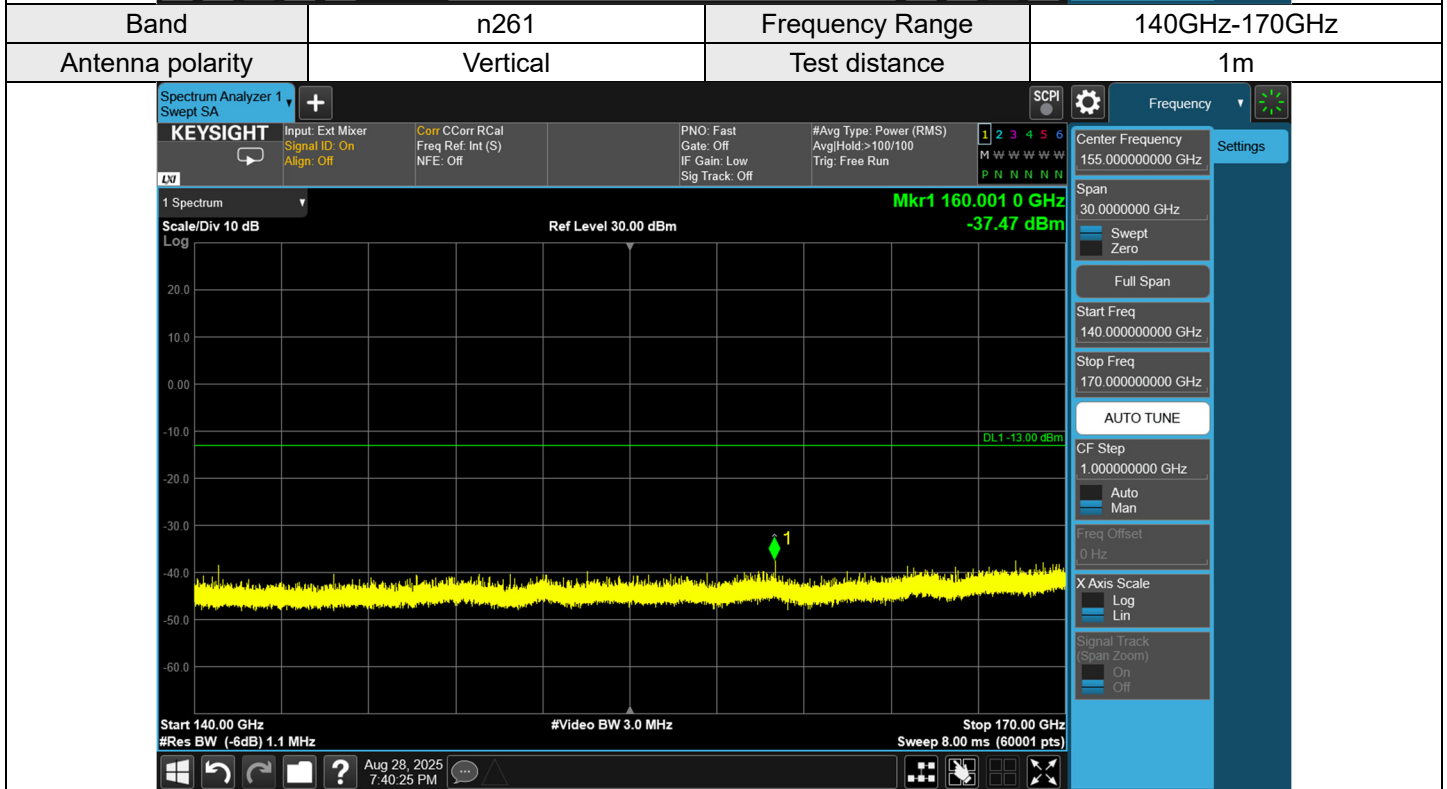
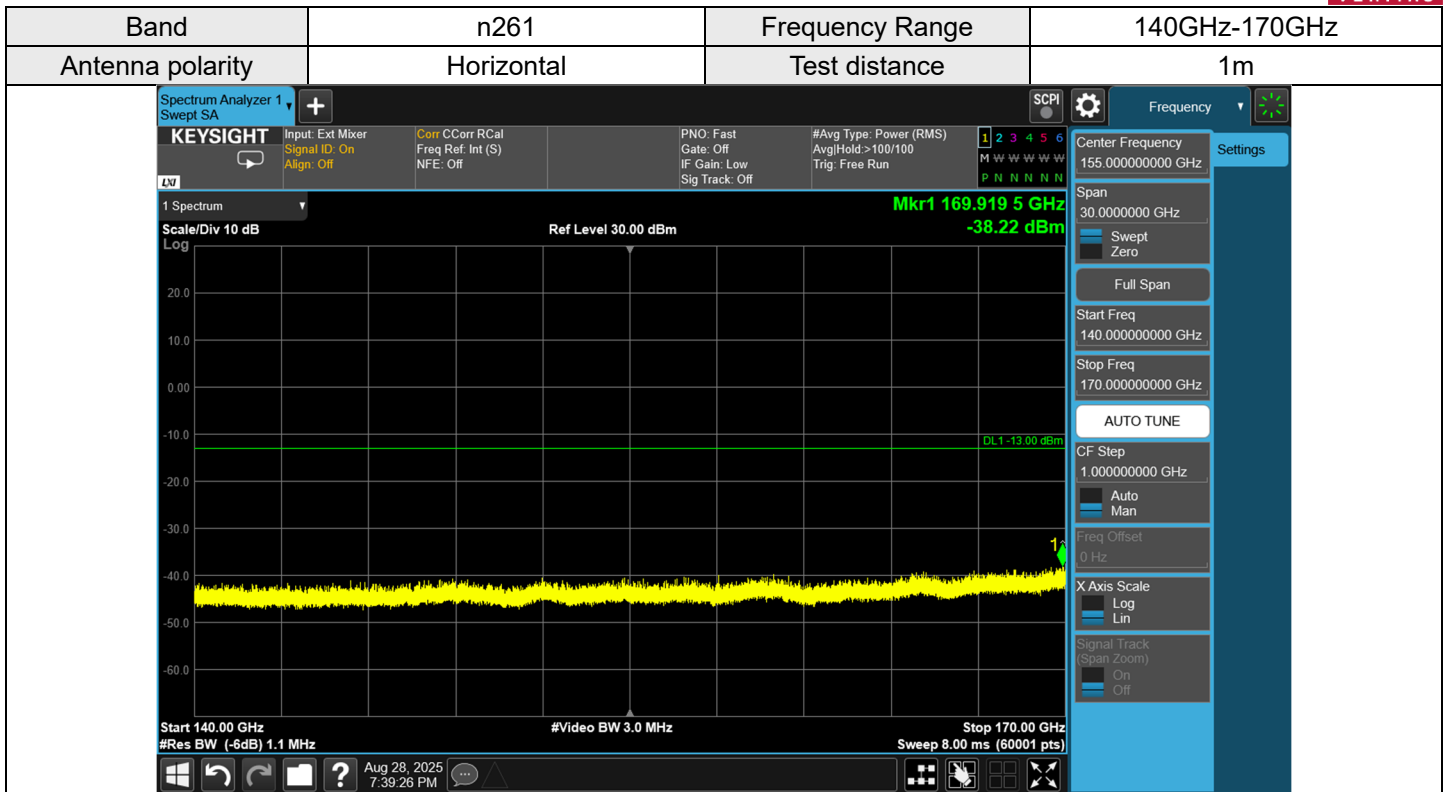
Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = \text{Raw Value}(dBuV) + \text{Correction Factor}(dB/m) + \text{Harmonic Mixer Conversion Loss (dB)}$.
3. $\text{Correction Factor}(dB/m) = \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier Factor}(dB) + 20\log(D) - 104.8$.



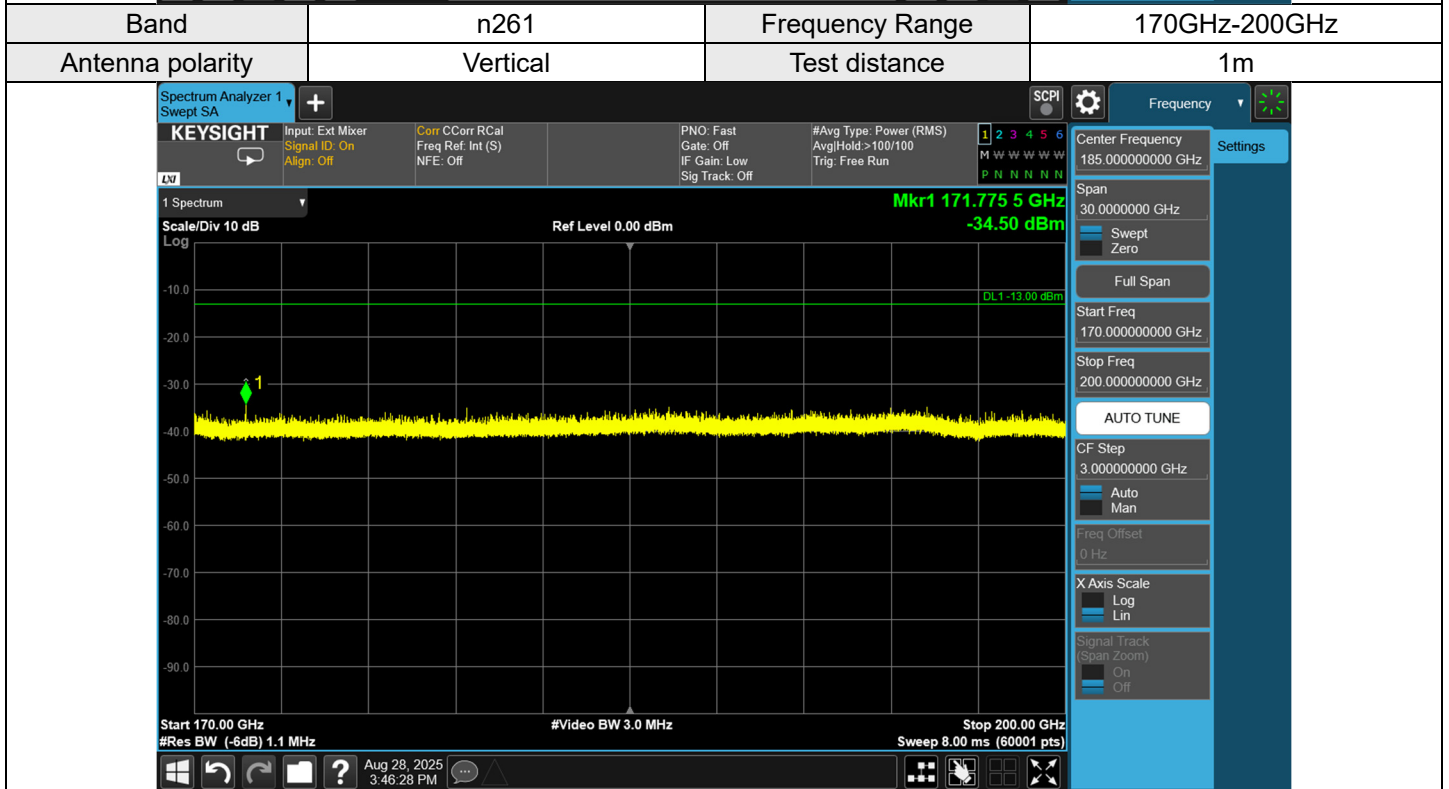
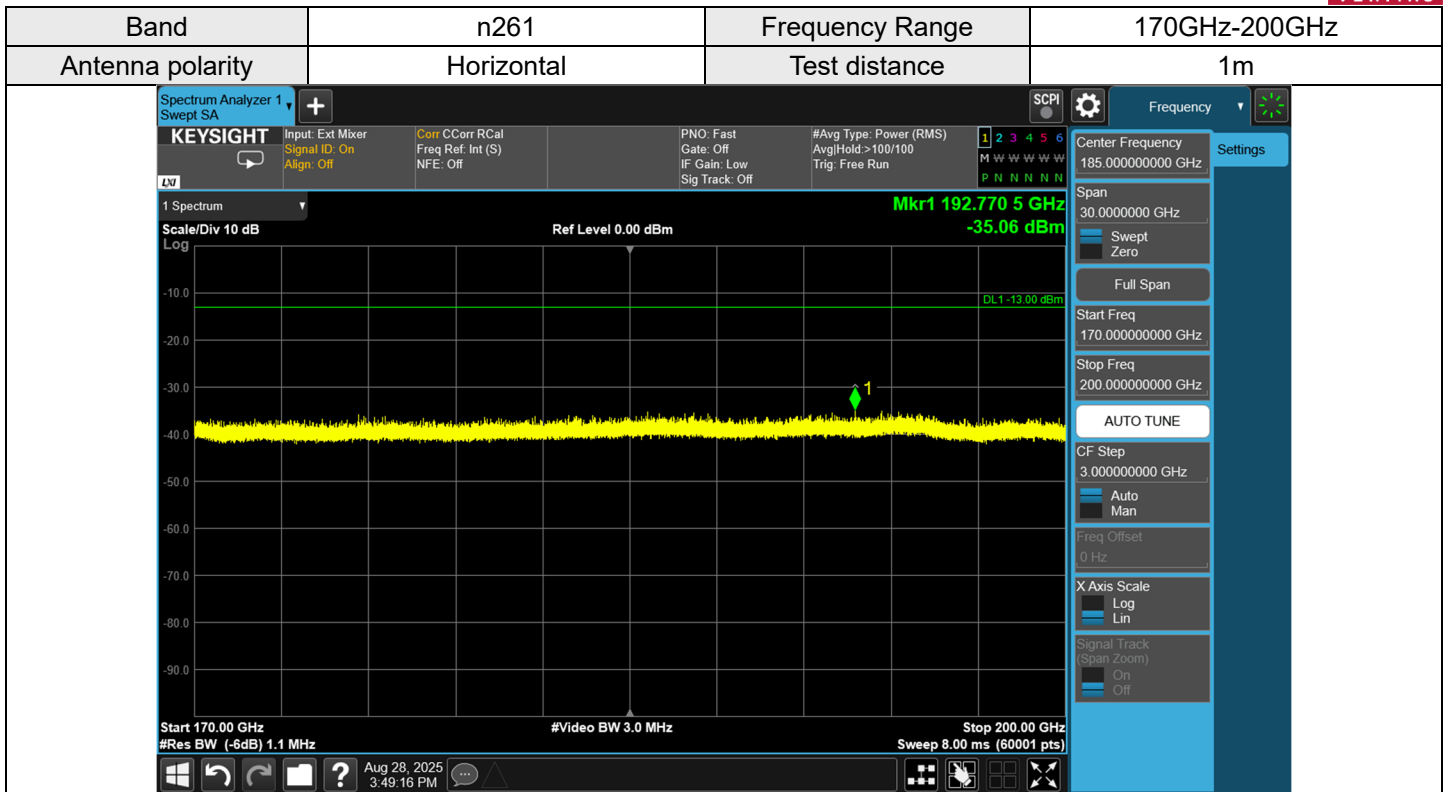
Note:

1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.



Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m) + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.
3. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.



Note:

1. The test results already include the correction factor (corrections: On).
2. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m) + Harmonic\ Mixer\ Conversion\ Loss\ (dB)$.
3. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$.

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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Web Site: <http://ee.bureauveritas.com.tw>

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

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