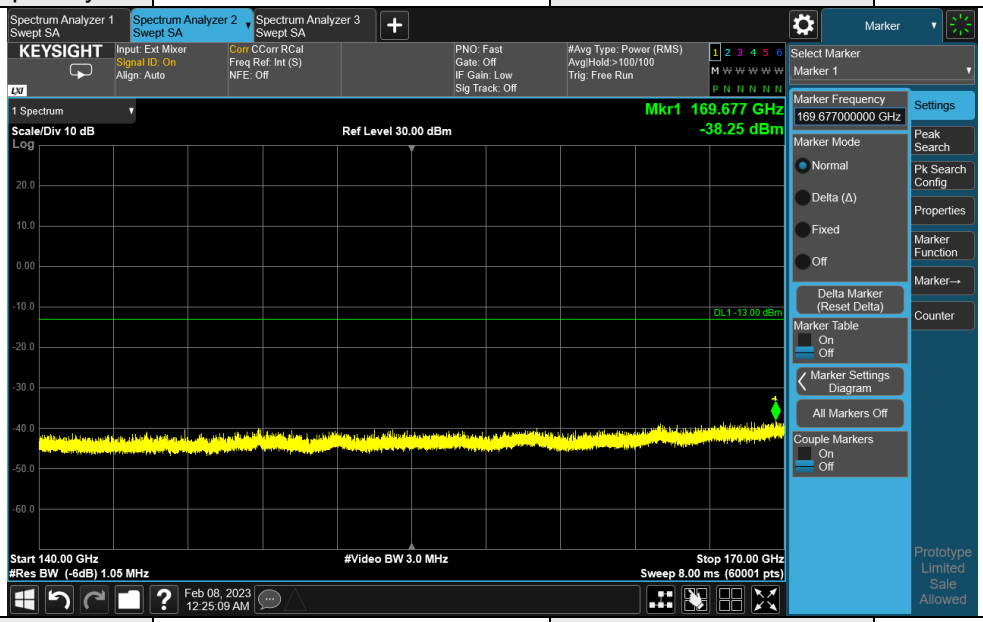
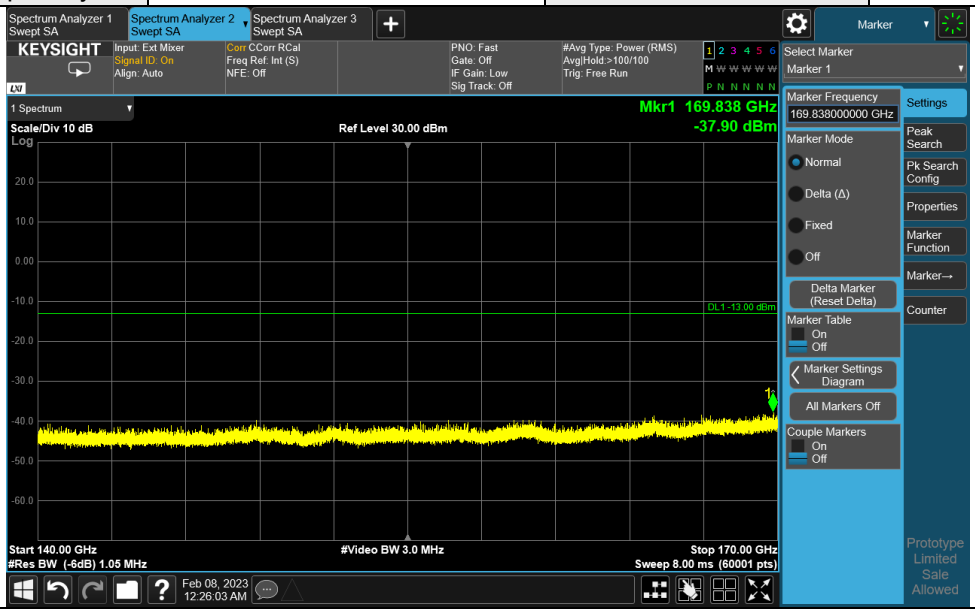
Band	n261	Beam ID	155+27
Frequency Range	140GHz-170GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	155+27
Frequency Range	140GHz-170GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

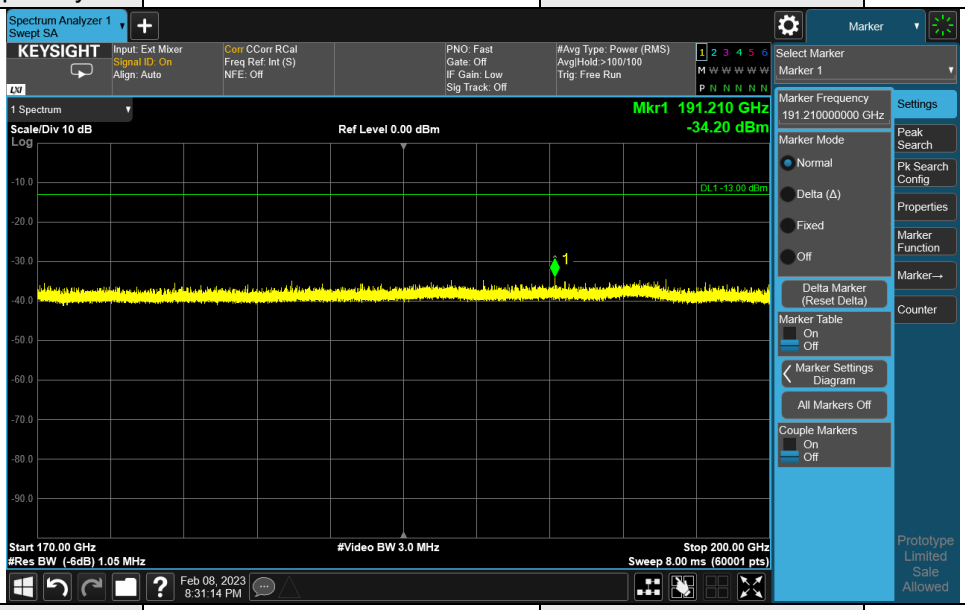
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

170GHz ~ 200GHz:

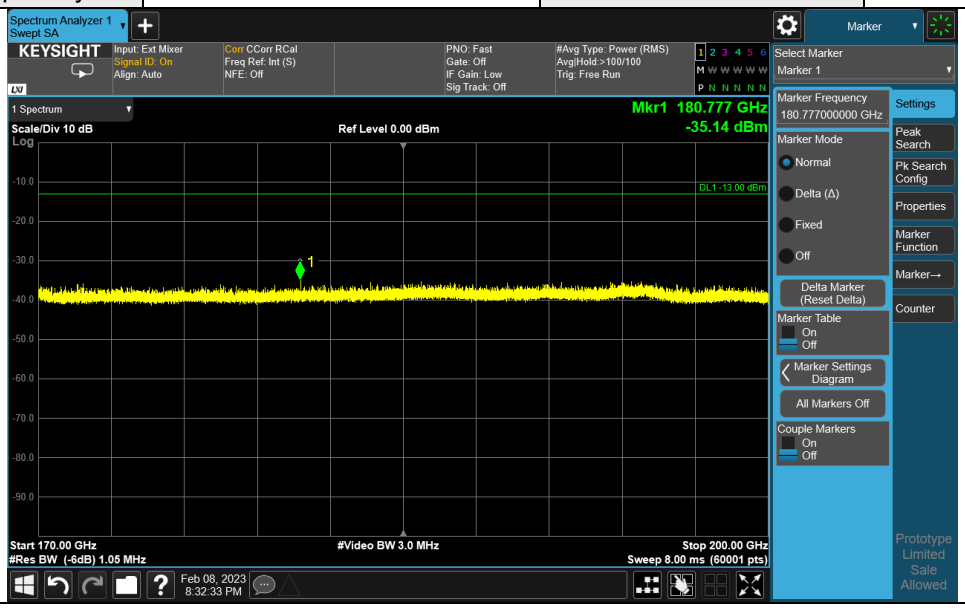
	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam167+39 LowH	191.21	-34.2	-13	-21.2	139	48	-94.18	59.98
Beam167+39 LowV	180.777	-35.14	-13	-22.14	143	62	-94.32	59.18
Beam167+39 MidH	194.529	-35.01	-13	-22.01	150	55	-95.25	60.24
Beam167+39 MidV	182.141	-34.6	-13	-21.6	122	64	-93.69	59.09
Beam167+39 HighH	194.375	-34.52	-13	-21.52	106	35	-94.84	60.32
Beam167+39 HighV	188.436	-34.24	-13	-21.24	135	43	-93.59	59.35

	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam155+27 LowH	194.869	-34.83	-13	-21.83	158	213	-95.07	60.24
Beam155+27 LowV	187.197	-34.56	-13	-21.56	114	290	-94.4	59.84
Beam155+27 MidH	194.839	-33.7	-13	-20.7	138	233	-93.94	60.24
Beam155+27 MidV	182.232	-34.26	-13	-21.26	109	254	-93.35	59.09
Beam155+27 HighH	193.902	-34.65	-13	-21.65	135	209	-94.97	60.32
Beam155+27 HighV	194.732	-34.32	-13	-21.32	118	294	-94.56	60.24

Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



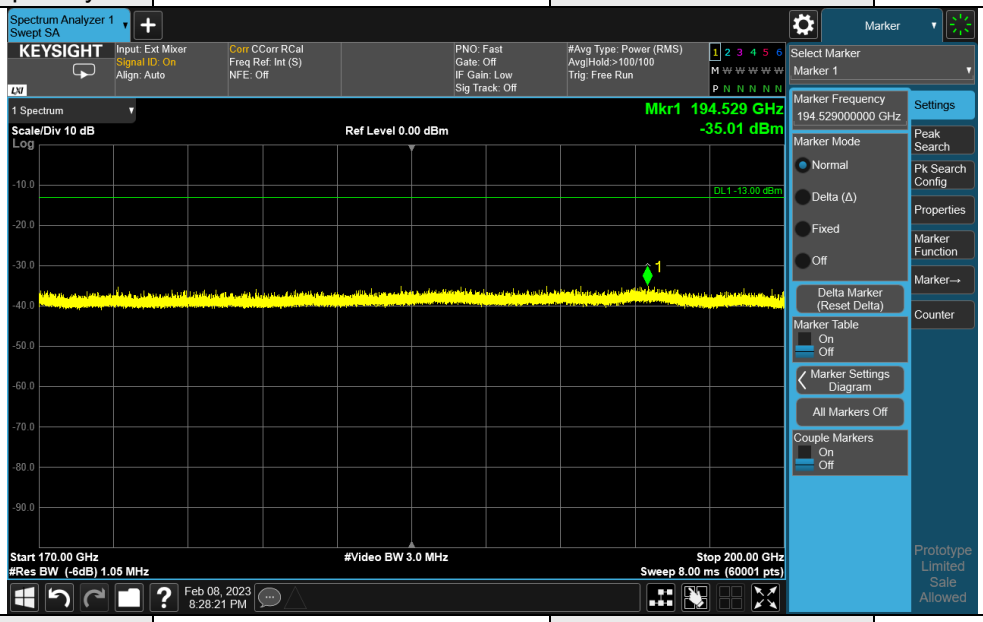
Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



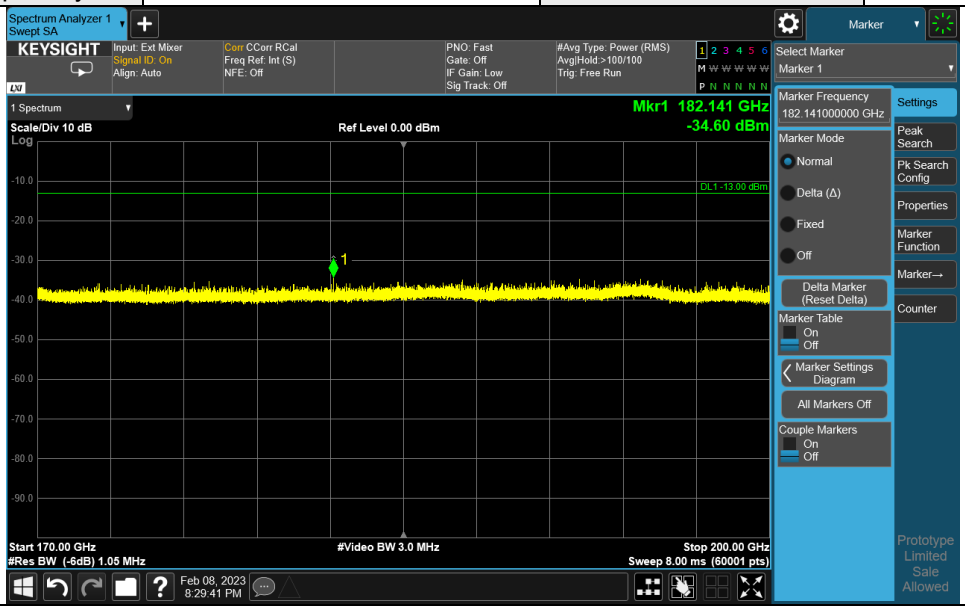
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



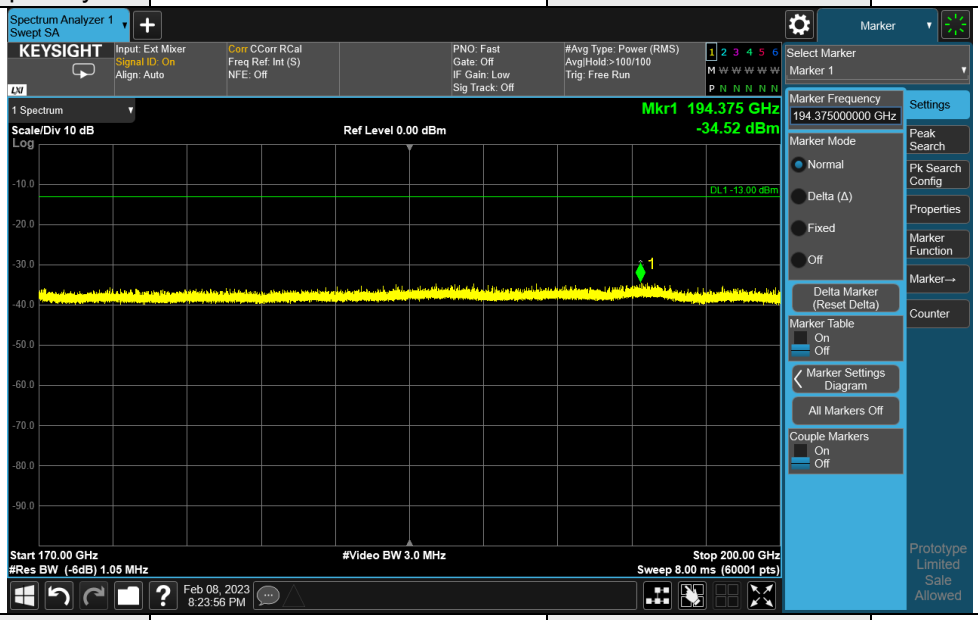
Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



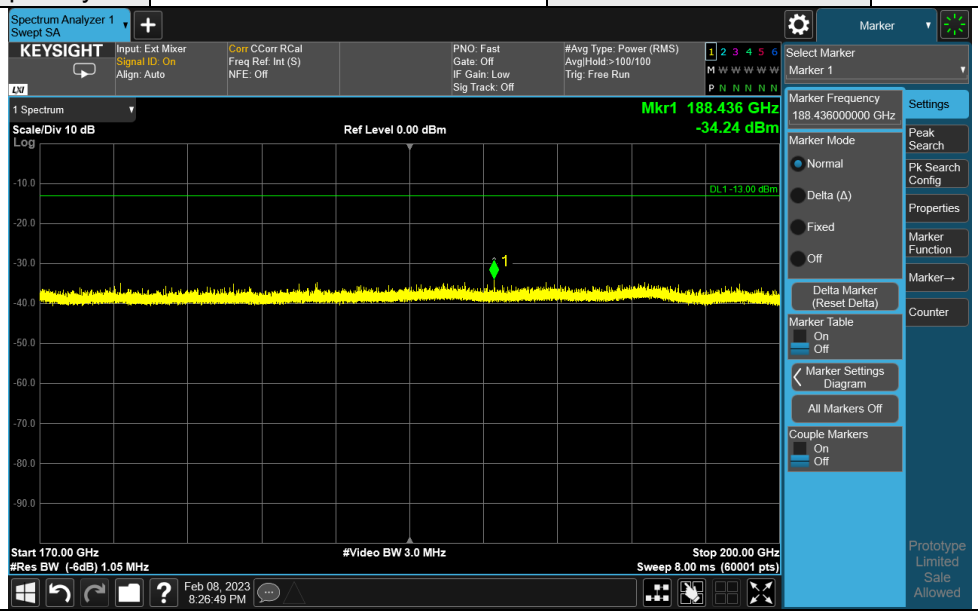
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



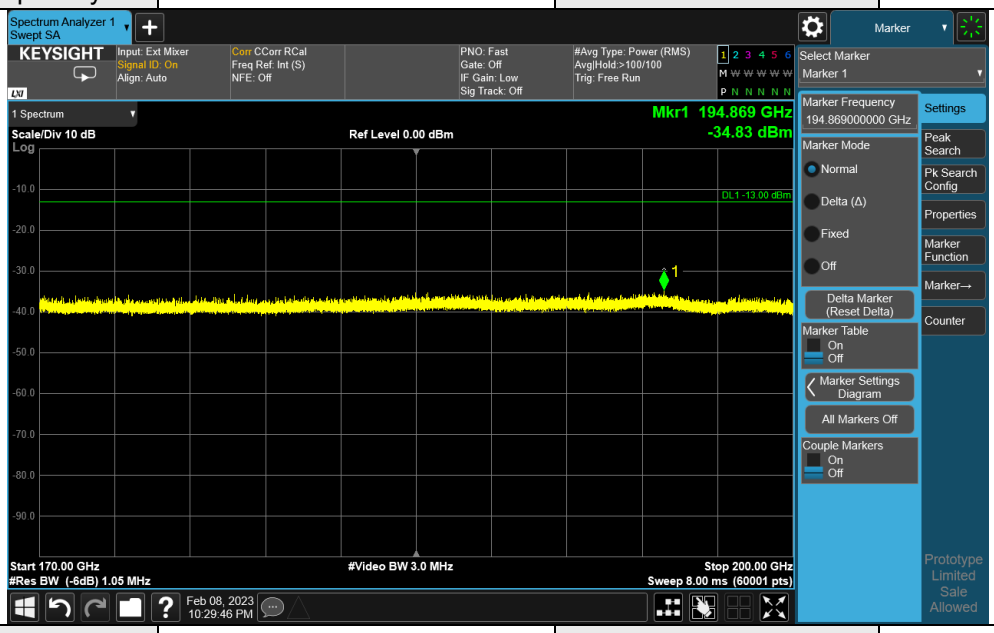
Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



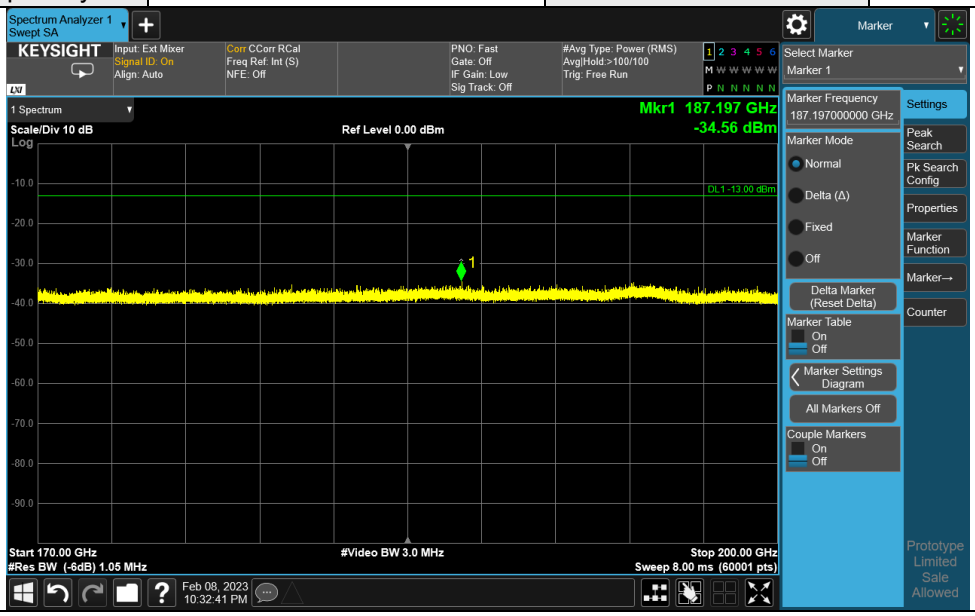
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



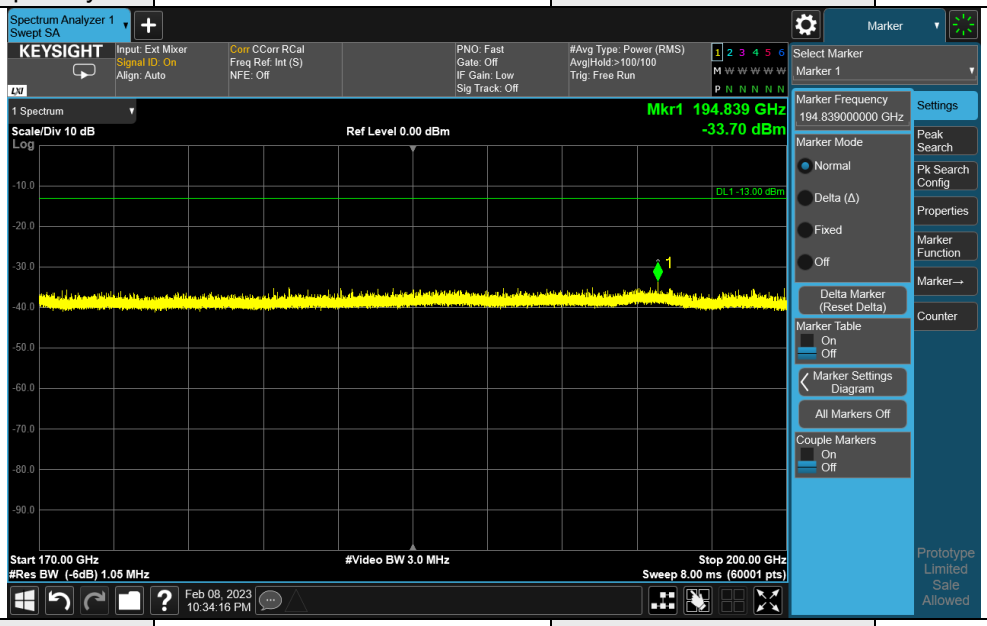
Band	n261	Beam ID	155+27
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



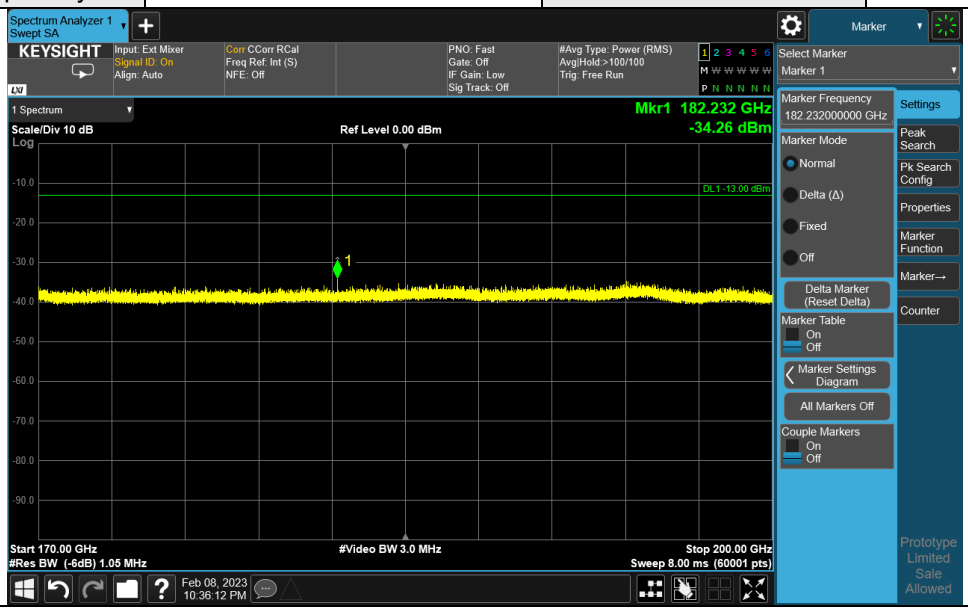
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	170GHz-200GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



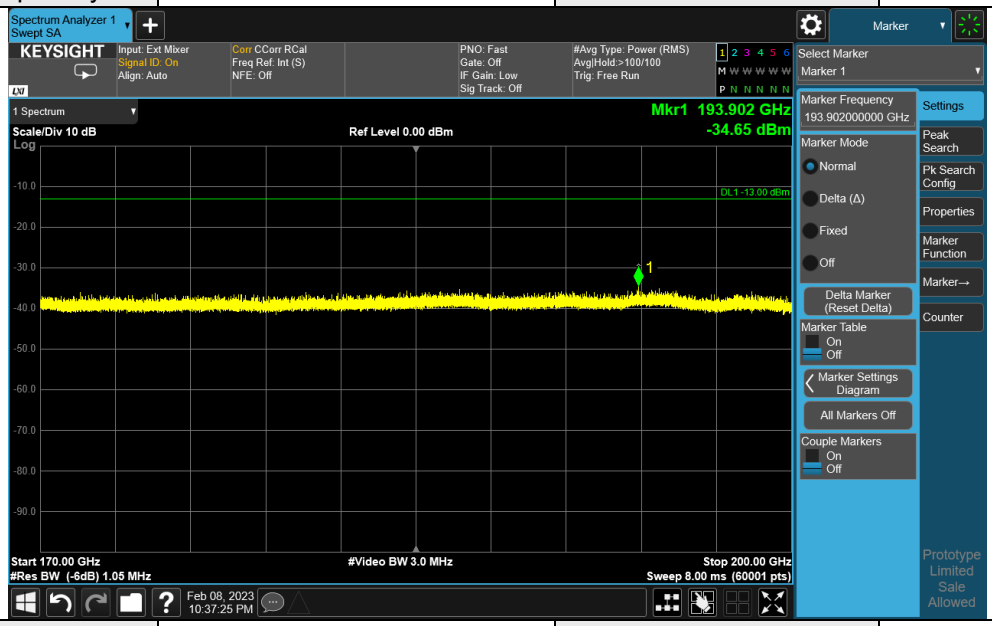
Band	n261	Beam ID	155+27
Frequency Range	170GHz-200GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



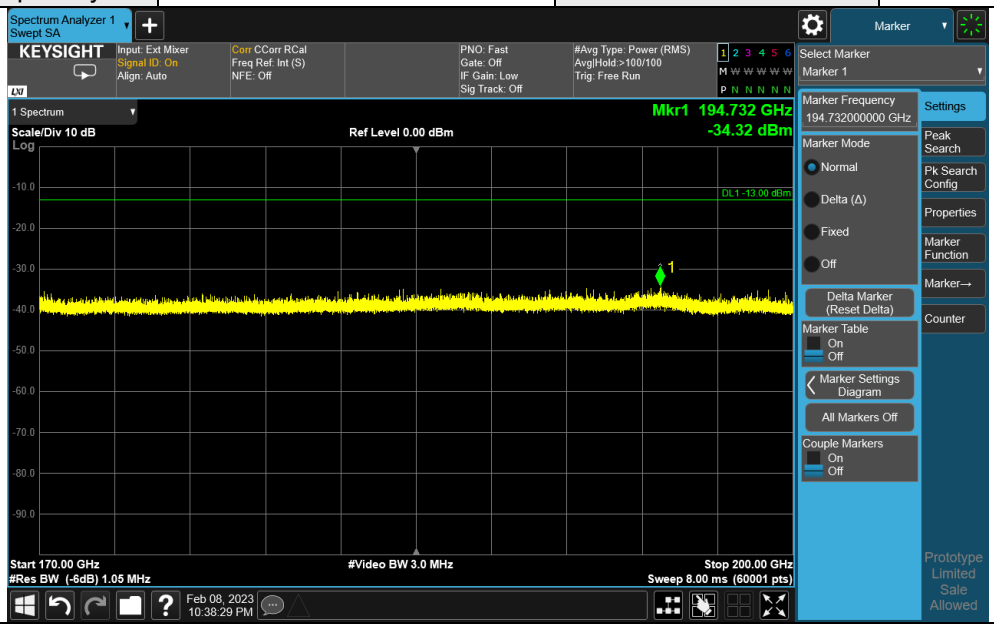
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	170GHz-200GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	155+27
Frequency Range	170GHz-200GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



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.

Summary of MIMO Beam Out-of Band Emission:
To address compliance of MIMO RSE per KDB 662911 D01, the MIMO RSE EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm: EIRP(H Beam) + EIRP(V Beam) = EIRP(MIMO)

EIRP(H Beam) + EIRP(V Beam) = EIRP(MIMO)						
Test Frequency Range	Channel	EIRP (H Beam)	EIRP (V Beam)	EIRP (MIMO)	Limit(dBm)	Margin(dB)
Below 1GHz	Low	-60.05	-55.41	-54.13	-13	-41.13
	Mid	-60.33	-52.15	-51.54	-13	-38.54
	High	-55.14	-52.81	-50.81	-13	-37.81
1GHz to 18GHz	Low	-27.98	-28.31	-25.13	-13	-12.13
	Mid	-28.50	-28.48	-25.48	-13	-12.48
	High	-28.51	-28.04	-25.26	-13	-12.26
18GHz to 27.495GHz	Low	-29.89	-32.79	-28.09	-13	-15.09
	Mid	-28.95	-32.70	-27.42	-13	-14.42
	High	-31.17	-35.16	-29.71	-13	-16.71
28.355GHz to 40GHz	Low	-39.70	-42.19	-37.76	-13	-24.76
	Mid	-37.39	-42.46	-36.21	-13	-23.21
	High	-39.00	-38.96	-35.97	-13	-22.97
40GHz to 50GHz	Low	-45.33	-44.69	-41.99	-13	-28.99
	Mid	-45.03	-45.71	-42.35	-13	-29.35
	High	-44.39	-43.93	-41.14	-13	-28.14
50GHz to 75GHz	Low	-29.27	-31.86	-27.36	-13	-14.36
	Mid	-30.60	-27.70	-25.90	-13	-12.90
	High	-29.88	-28.13	-25.91	-13	-12.91
75GHz to 90Hz	Low	-21.13	-18.70	-16.74	-13	-3.74
	Mid	-18.66	-21.42	-16.81	-13	-3.81
	High	-16.93	-18.15	-14.49	-13	-1.49
90GHz to 110Hz	Low	-40.13	-40.40	-37.25	-13	-24.25
	Mid	-40.89	-40.53	-37.70	-13	-24.70
	High	-40.11	-39.51	-36.79	-13	-23.79
110GHz to 140Hz	Low	-38.16	-38.24	-35.19	-13	-22.19
	Mid	-38.03	-38.22	-35.11	-13	-22.11
	High	-38.46	-38.19	-35.31	-13	-22.31
140GHz to 170Hz	Low	-37.42	-37.61	-34.50	-13	-21.50
	Mid	-37.78	-37.60	-34.68	-13	-21.68
	High	-37.45	-37.27	-34.35	-13	-21.35
170GHz to 200Hz	Low	-34.20	-34.56	-31.37	-13	-18.37
	Mid	-33.70	-34.26	-30.96	-13	-17.96
	High	-34.52	-34.24	-31.37	-13	-18.37

n261

Bandwidth: 100MHz

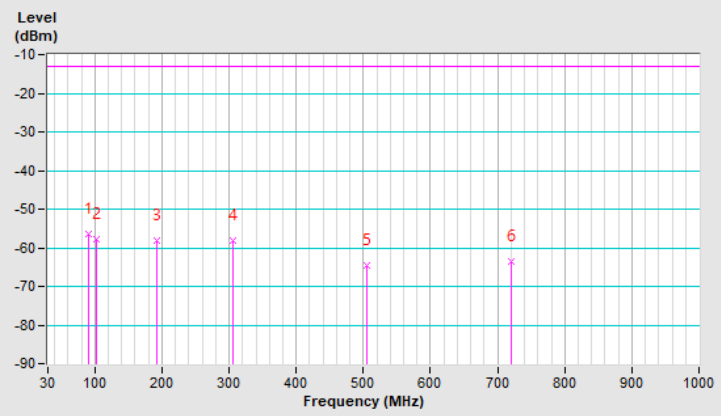
Below 1GHz Data:

Beam ID	167+39	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	91.11	-56.49	-13.00	-43.49	2.00 H	171	62.26	-118.75
2	101.78	-57.63	-13.00	-44.63	2.00 H	144	59.46	-117.09
3	192.96	-58.25	-13.00	-45.25	1.51 H	61	57.75	-116.00
4	306.45	-58.15	-13.00	-45.15	1.01 H	158	54.18	-112.33
5	505.30	-64.59	-13.00	-51.59	2.00 H	252	43.17	-107.76
6	719.67	-63.56	-13.00	-50.56	1.01 H	4	40.41	-103.97

Remarks:

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

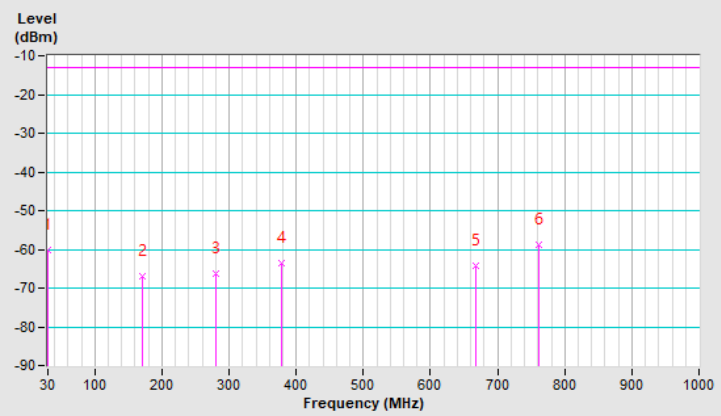


Beam ID	167+39	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.97	-60.21	-13.00	-47.21	1.01 V	2	54.23	-114.44
2	171.62	-66.79	-13.00	-53.79	2.00 V	111	46.57	-113.36
3	281.23	-66.37	-13.00	-53.37	1.51 V	126	46.48	-112.85
4	377.26	-63.70	-13.00	-50.70	1.01 V	162	46.96	-110.66
5	668.26	-64.14	-13.00	-51.14	1.51 V	34	40.63	-104.77
6	762.35	-58.92	-13.00	-45.92	1.51 V	158	44.03	-102.95

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

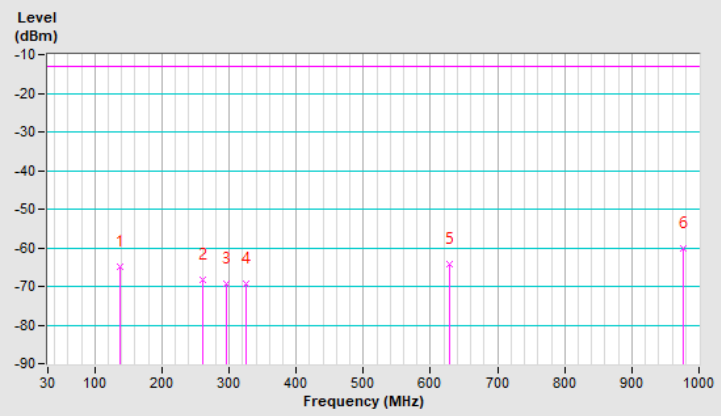


Beam ID	167+39	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	137.67	-64.96	-13.00	-51.96	1.99 H	109	48.48	-113.44
2	260.86	-68.29	-13.00	-55.29	1.49 H	56	45.64	-113.93
3	296.75	-69.38	-13.00	-56.38	1.00 H	100	43.21	-112.59
4	325.85	-69.42	-13.00	-56.42	1.49 H	320	42.24	-111.66
5	627.52	-64.35	-13.00	-51.35	1.00 H	256	40.95	-105.30
6	976.72	-60.19	-13.00	-47.19	1.49 H	2	40.38	-100.57

Remarks:

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

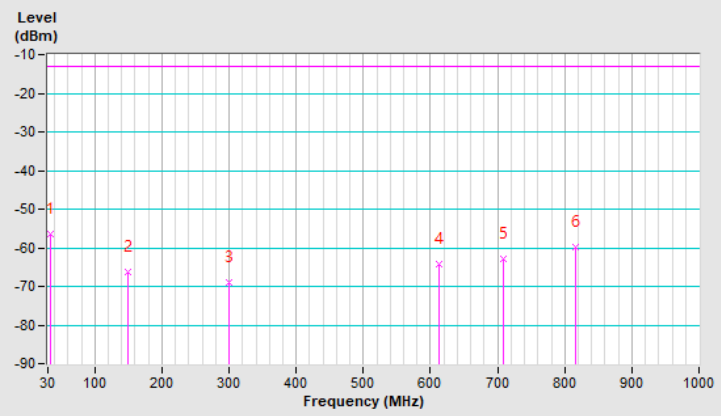


Beam ID	167+39	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.06	-56.41	-13.00	-43.41	1.01 V	13	57.83	-114.24
2	148.34	-66.41	-13.00	-53.41	1.01 V	320	46.52	-112.93
3	299.66	-68.96	-13.00	-55.96	1.01 V	97	43.58	-112.54
4	612.00	-64.28	-13.00	-51.28	2.00 V	128	41.13	-105.41
5	708.03	-62.92	-13.00	-49.92	1.51 V	334	41.22	-104.14
6	816.67	-59.74	-13.00	-46.74	1.01 V	264	42.92	-102.66

Remarks:

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

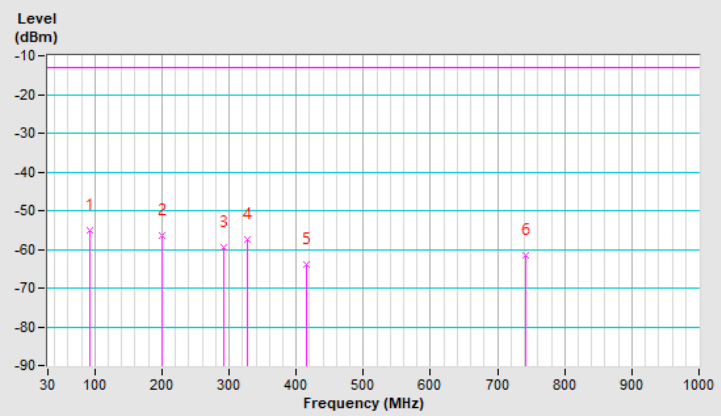


Beam ID	167+39	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	92.08	-54.96	-13.00	-41.96	1.99 H	160	63.59	-118.55
2	200.72	-56.31	-13.00	-43.31	1.49 H	79	60.25	-116.56
3	292.87	-59.64	-13.00	-46.64	1.49 H	103	53.02	-112.66
4	327.79	-57.32	-13.00	-44.32	1.00 H	76	54.30	-111.62
5	416.06	-64.04	-13.00	-51.04	1.99 H	102	45.77	-109.81
6	741.98	-61.38	-13.00	-48.38	1.49 H	244	41.86	-103.24

Remarks:

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

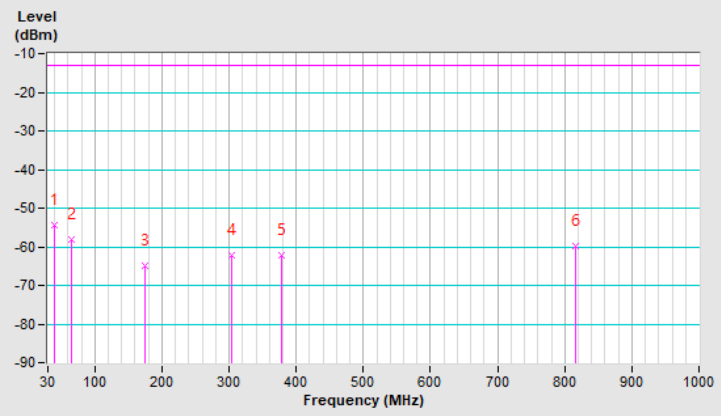


Beam ID	167+39	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.70	-54.43	-13.00	-41.43	1.01 V	143	59.10	-113.53
2	65.89	-58.27	-13.00	-45.27	1.01 V	264	56.49	-114.76
3	175.50	-65.01	-13.00	-52.01	2.00 V	2	48.77	-113.78
4	304.51	-62.23	-13.00	-49.23	1.51 V	100	50.16	-112.39
5	377.26	-62.19	-13.00	-49.19	1.51 V	164	48.47	-110.66
6	816.67	-59.88	-13.00	-46.88	1.01 V	195	42.78	-102.66

Remarks:

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

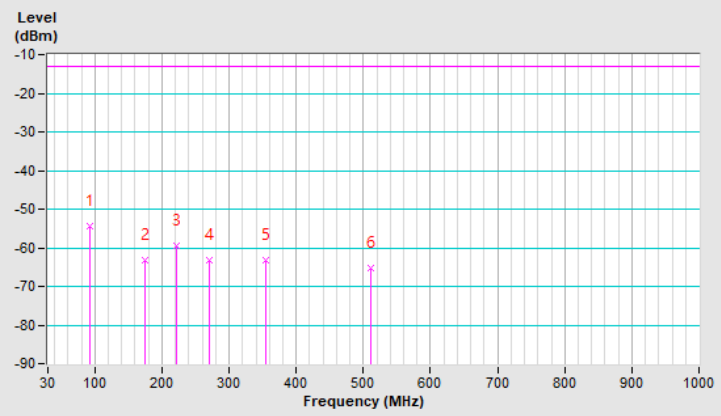


Beam ID	155+27	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	93.05	-54.55	-13.00	-41.55	2.00 H	146	63.94	-118.49
2	174.53	-63.15	-13.00	-50.15	1.49 H	77	50.51	-113.66
3	221.09	-59.35	-13.00	-46.35	1.00 H	193	57.14	-116.49
4	269.59	-63.28	-13.00	-50.28	1.00 H	184	50.13	-113.41
5	353.98	-63.10	-13.00	-50.10	1.00 H	252	48.31	-111.41
6	511.12	-65.22	-13.00	-52.22	1.49 H	284	42.39	-107.61

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

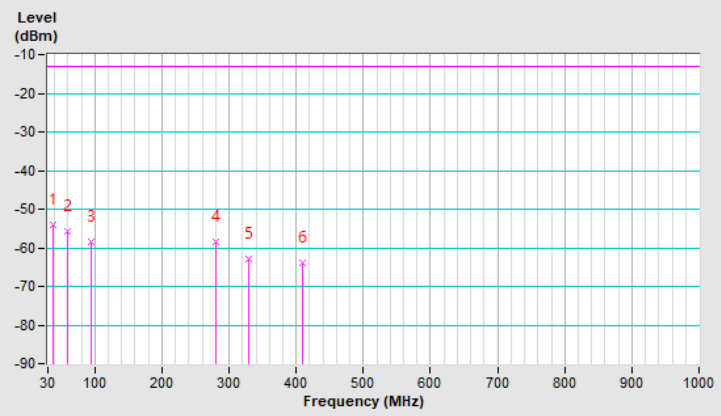


Beam ID	155+27	Frequency Range	Below 1000 MHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38.73	-54.19	-13.00	-41.19	1.00 V	143	59.30	-113.49
2	59.10	-55.89	-13.00	-42.89	1.00 V	248	57.77	-113.66
3	94.99	-58.54	-13.00	-45.54	1.49 V	328	59.70	-118.24
4	281.23	-58.58	-13.00	-45.58	1.00 V	193	54.27	-112.85
5	328.76	-62.87	-13.00	-49.87	1.49 V	201	48.73	-111.60
6	410.24	-64.05	-13.00	-51.05	2.00 V	198	45.91	-109.96

Remarks:

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

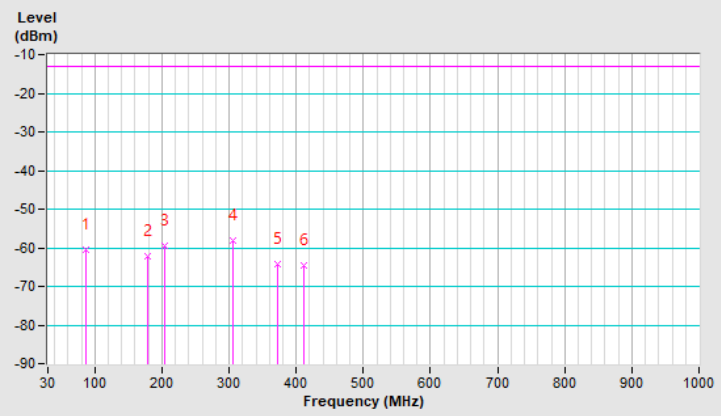


Beam ID	155+27	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	86.26	-60.37	-13.00	-47.37	2.00 H	126	58.48	-118.85
2	178.41	-62.10	-13.00	-49.10	1.51 H	86	52.07	-114.17
3	203.63	-59.61	-13.00	-46.61	2.00 H	263	57.00	-116.61
4	306.45	-58.15	-13.00	-45.15	1.01 H	158	54.18	-112.33
5	371.44	-64.34	-13.00	-51.34	2.00 H	101	46.53	-110.87
6	412.18	-64.70	-13.00	-51.70	1.01 H	119	45.22	-109.92

Remarks:

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

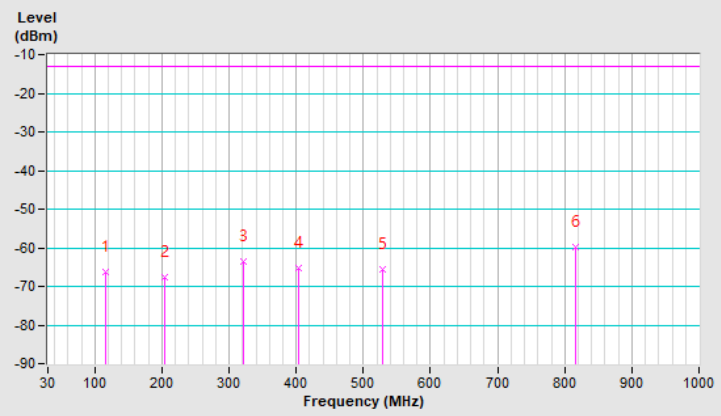


Beam ID	155+27	Frequency Range	Below 1000 MHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	115.36	-66.20	-13.00	-53.20	1.51 V	170	49.30	-115.50
2	203.63	-67.54	-13.00	-54.54	2.00 V	339	49.07	-116.61
3	321.00	-63.48	-13.00	-50.48	1.51 V	254	48.34	-111.82
4	404.42	-65.33	-13.00	-52.33	1.01 V	199	44.73	-110.06
5	528.58	-65.62	-13.00	-52.62	1.51 V	236	41.72	-107.34
6	816.67	-59.73	-13.00	-46.73	1.01 V	258	42.93	-102.66

Remarks:

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

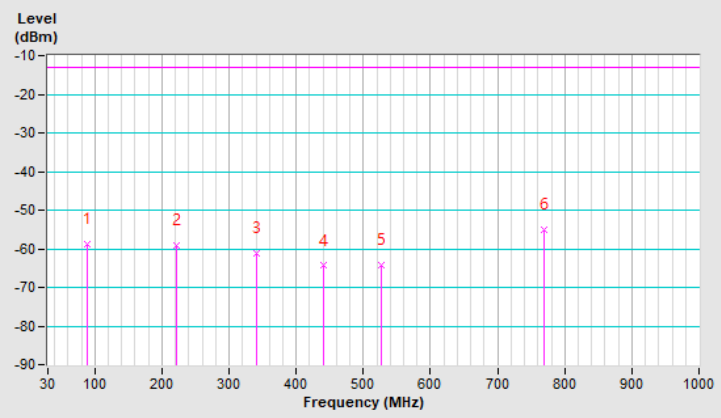


Beam ID	155+27	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	89.17	-58.67	-13.00	-45.67	1.99 H	164	60.16	-118.83
2	221.09	-59.30	-13.00	-46.30	1.00 H	190	57.19	-116.49
3	340.40	-61.02	-13.00	-48.02	1.00 H	237	50.53	-111.55
4	440.31	-64.41	-13.00	-51.41	1.99 H	112	44.45	-108.86
5	526.64	-64.25	-13.00	-51.25	1.49 H	269	43.12	-107.37
6	770.11	-55.01	-13.00	-42.01	1.99 H	19	47.96	-102.97

Remarks:

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

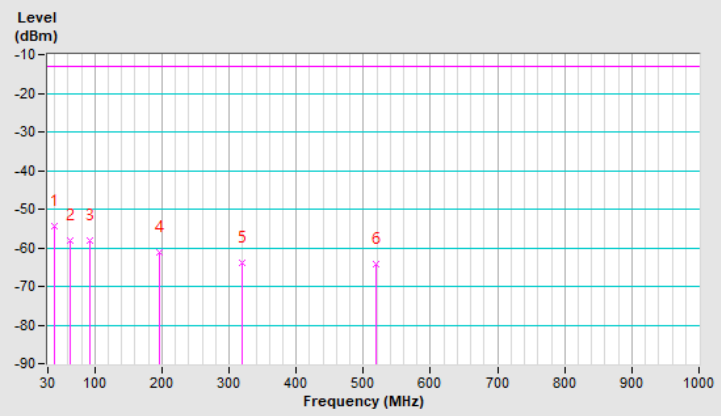


Beam ID	155+27	Frequency Range	Below 1000 MHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.70	-54.27	-13.00	-41.27	1.01 V	54	59.26	-113.53
2	62.98	-58.22	-13.00	-45.22	1.01 V	260	55.76	-113.98
3	93.05	-58.27	-13.00	-45.27	1.01 V	130	60.22	-118.49
4	196.84	-61.31	-13.00	-48.31	1.51 V	331	55.11	-116.42
5	320.03	-63.85	-13.00	-50.85	1.51 V	15	48.01	-111.86
6	519.85	-64.18	-13.00	-51.18	2.00 V	266	43.34	-107.52

Remarks:

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



Above 1GHz Data:

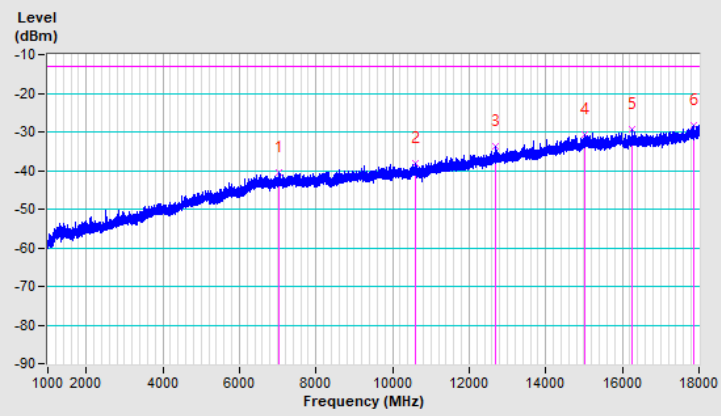
1GHz ~ 18GHz:

Beam ID	167+39	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	7039.72	-40.61	-13.00	-27.61	1.50 H	220	46.58	-87.19
2	10594.61	-38.10	-13.00	-25.10	1.50 H	328	49.34	-87.44
3	12697.89	-33.66	-13.00	-20.66	1.00 H	16	52.00	-85.66
4	15010.83	-30.76	-13.00	-17.76	2.00 H	147	53.67	-84.43
5	16257.50	-29.20	-13.00	-16.20	1.50 H	3	54.74	-83.94
6	17877.22	-28.29	-13.00	-15.29	2.00 H	3	56.42	-84.71

Remarks:

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

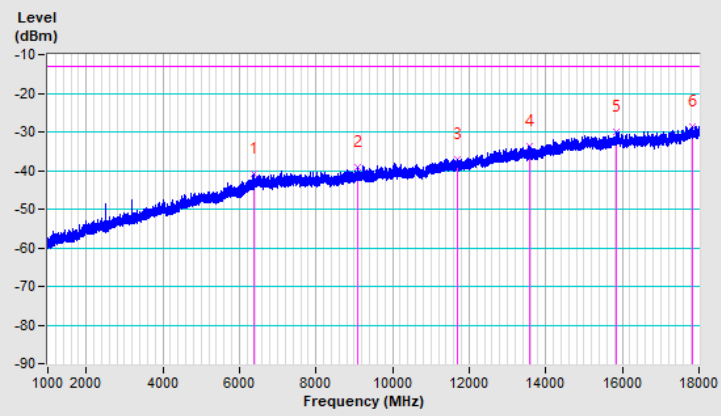


Beam ID	167+39	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6394.67	-40.82	-13.00	-27.82	1.00 V	252	47.18	-88.00
2	9098.61	-39.30	-13.00	-26.30	1.50 V	204	48.53	-87.83
3	11697.72	-37.08	-13.00	-24.08	2.00 V	41	49.86	-86.94
4	13567.72	-33.77	-13.00	-20.77	1.50 V	168	52.16	-85.93
5	15847.61	-29.96	-13.00	-16.96	1.50 V	349	53.60	-83.56
6	17832.83	-28.72	-13.00	-15.72	1.00 V	343	55.78	-84.50

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

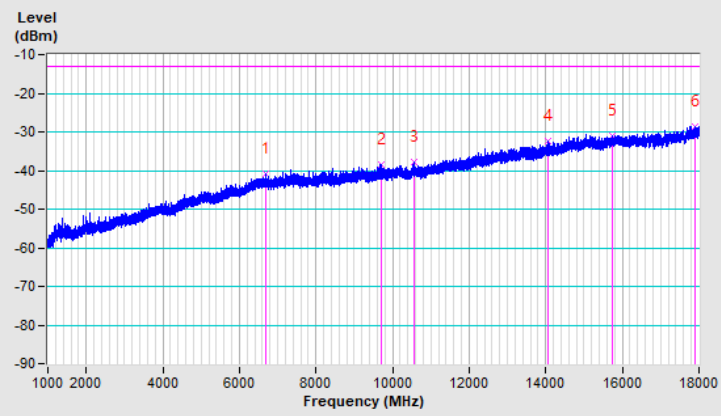


Beam ID	167+39	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6698.78	-40.86	-13.00	-27.86	1.50 H	180	46.99	-87.85
2	9721.94	-38.50	-13.00	-25.50	1.50 H	204	49.36	-87.86
3	10555.89	-37.80	-13.00	-24.80	2.00 H	324	49.91	-87.71
4	14043.72	-32.50	-13.00	-19.50	1.00 H	119	52.91	-85.41
5	15737.11	-30.90	-13.00	-17.90	1.50 H	5	53.24	-84.14
6	17908.39	-28.52	-13.00	-15.52	2.00 H	192	56.21	-84.73

Remarks:

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

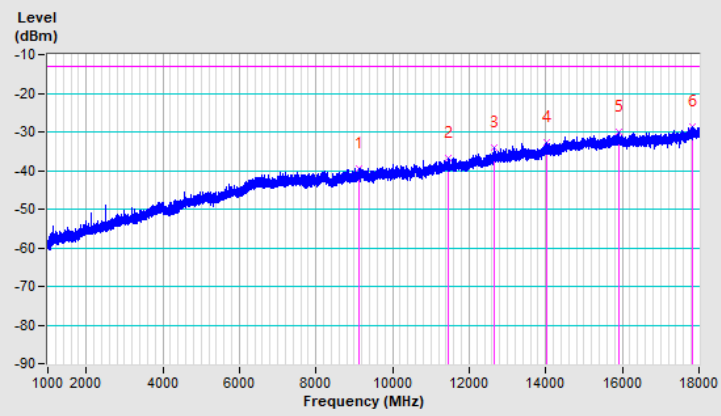


Beam ID	167+39	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	9136.39	-39.39	-13.00	-26.39	1.50 V	328	48.35	-87.74
2	11455.00	-36.69	-13.00	-23.69	2.00 V	256	50.05	-86.74
3	12663.89	-34.09	-13.00	-21.09	1.00 V	44	51.60	-85.69
4	14034.28	-32.60	-13.00	-19.60	1.50 V	19	52.80	-85.40
5	15909.94	-30.16	-13.00	-17.16	2.00 V	105	53.25	-83.41
6	17837.56	-28.67	-13.00	-15.67	1.50 V	244	55.85	-84.52

Remarks:

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

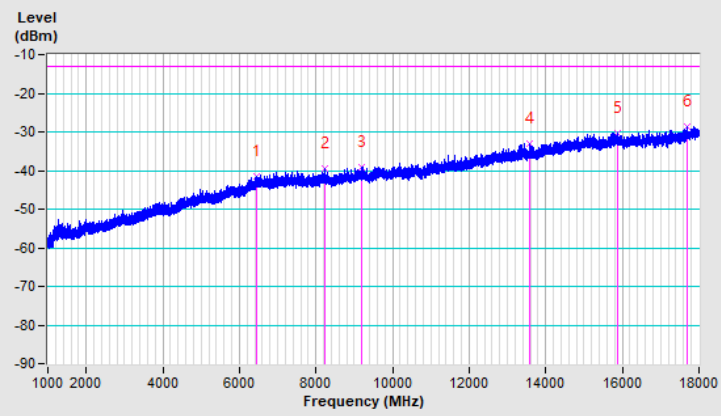


Beam ID	167+39	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6444.72	-41.39	-13.00	-28.39	1.50 H	322	46.25	-87.64
2	8238.22	-39.56	-13.00	-26.56	2.00 H	165	47.73	-87.29
3	9189.28	-39.15	-13.00	-26.15	1.00 H	147	48.52	-87.67
4	13580.00	-32.94	-13.00	-19.94	1.50 H	298	52.98	-85.92
5	15868.39	-30.24	-13.00	-17.24	2.00 H	250	53.24	-83.48
6	17681.72	-28.55	-13.00	-15.55	1.00 H	256	55.94	-84.49

Remarks:

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

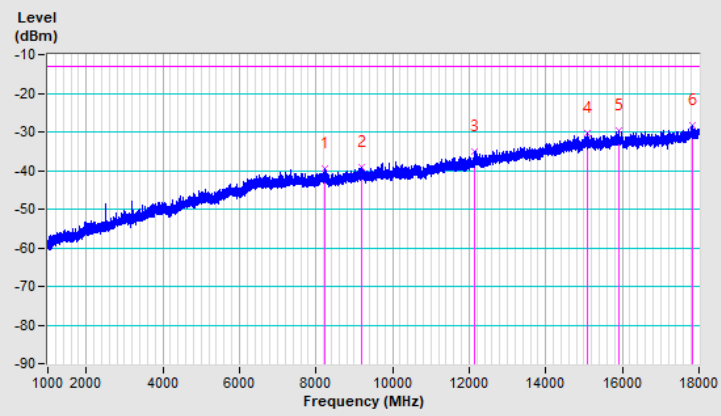


Beam ID	167+39	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	8236.33	-39.62	-13.00	-26.62	1.50 V	173	47.66	-87.28
2	9192.11	-39.17	-13.00	-26.17	2.00 V	83	48.50	-87.67
3	12153.89	-35.07	-13.00	-22.07	1.50 V	191	51.06	-86.13
4	15093.00	-30.27	-13.00	-17.27	1.00 V	29	54.17	-84.44
5	15916.56	-29.74	-13.00	-16.74	1.50 V	312	53.72	-83.46
6	17829.06	-28.37	-13.00	-15.37	2.00 V	143	56.11	-84.48

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

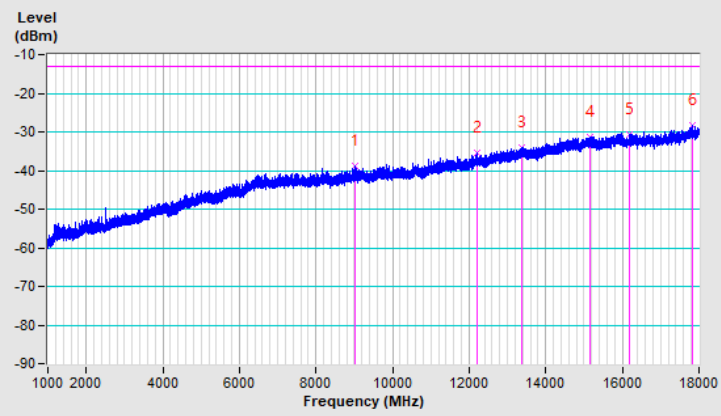


Beam ID	155+27	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	9035.33	-38.81	-13.00	-25.81	1.50 H	351	48.91	-87.72
2	12220.94	-35.43	-13.00	-22.43	1.00 H	75	50.55	-85.98
3	13377.89	-33.92	-13.00	-20.92	1.50 H	159	51.32	-85.24
4	15172.33	-31.26	-13.00	-18.26	2.00 H	147	53.36	-84.62
5	16188.56	-30.72	-13.00	-17.72	1.00 H	45	53.36	-84.08
6	17827.17	-28.14	-13.00	-15.14	2.00 H	189	56.33	-84.47

Remarks:

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

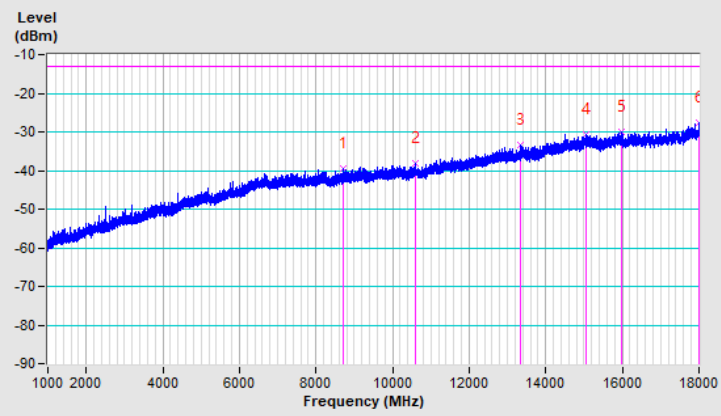


Beam ID	155+27	Frequency Range	1GHz ~ 18GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	8702.89	-39.35	-13.00	-26.35	1.50 V	221	48.49	-87.84
2	10583.28	-37.98	-13.00	-24.98	1.00 V	209	49.55	-87.53
3	13332.56	-33.46	-13.00	-20.46	1.00 V	149	52.03	-85.49
4	15039.17	-30.73	-13.00	-17.73	1.50 V	82	53.69	-84.42
5	15968.50	-30.14	-13.00	-17.14	2.00 V	197	53.63	-83.77
6	17996.22	-27.74	-13.00	-14.74	1.50 V	191	56.25	-83.99

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

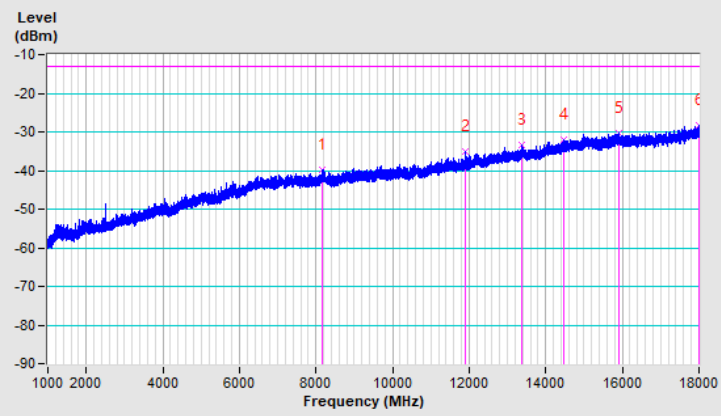


Beam ID	155+27	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	8175.89	-39.98	-13.00	-26.98	2.00 H	283	47.26	-87.24
2	11891.33	-35.10	-13.00	-22.10	1.50 H	60	51.68	-86.78
3	13372.22	-33.28	-13.00	-20.28	1.00 H	18	51.99	-85.27
4	14479.11	-31.94	-13.00	-18.94	1.00 H	138	52.89	-84.83
5	15909.94	-30.37	-13.00	-17.37	1.50 H	7	53.04	-83.41
6	17993.39	-28.37	-13.00	-15.37	2.00 H	313	55.65	-84.02

Remarks:

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

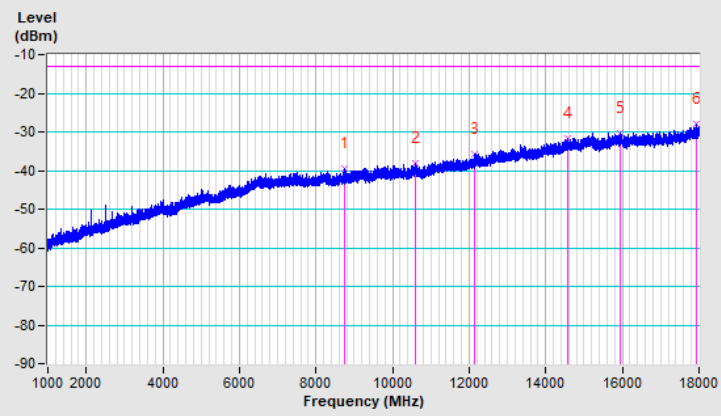


Beam ID	155+27	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	8762.39	-39.39	-13.00	-26.39	1.50 V	335	48.31	-87.70
2	10580.44	-38.04	-13.00	-25.04	1.00 V	178	49.50	-87.54
3	12126.50	-35.77	-13.00	-22.77	1.50 V	93	50.48	-86.25
4	14562.22	-31.56	-13.00	-18.56	2.00 V	27	53.40	-84.96
5	15946.78	-30.48	-13.00	-17.48	1.50 V	12	53.16	-83.64
6	17916.89	-27.89	-13.00	-14.89	2.00 V	178	56.78	-84.67

Remarks:

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

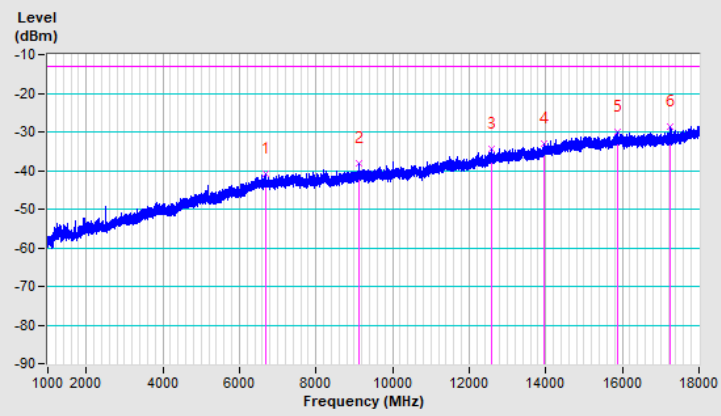


Beam ID	155+27	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6702.56	-40.80	-13.00	-27.80	1.50 H	111	47.05	-87.85
2	9122.22	-38.18	-13.00	-25.18	2.00 H	262	49.59	-87.77
3	12594.94	-34.31	-13.00	-21.31	1.50 H	274	51.44	-85.75
4	13958.72	-33.07	-13.00	-20.07	1.00 H	26	52.45	-85.52
5	15877.83	-30.05	-13.00	-17.05	1.50 H	171	53.39	-83.44
6	17247.28	-28.55	-13.00	-15.55	2.00 H	322	55.77	-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) + 20log(D) – 104.8.
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

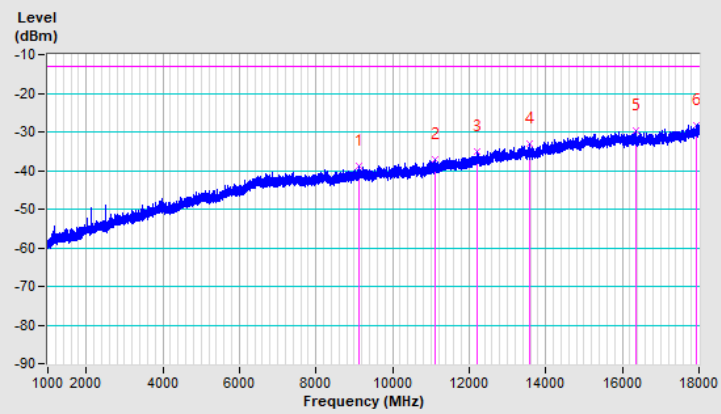


Beam ID	155+27	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 3m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	9133.56	-38.80	-13.00	-25.80	2.00 V	198	48.95	-87.75
2	11110.28	-37.13	-13.00	-24.13	1.50 V	2	50.22	-87.35
3	12220.94	-35.04	-13.00	-22.04	1.50 V	337	50.94	-85.98
4	13588.50	-33.20	-13.00	-20.20	1.00 V	102	52.71	-85.91
5	16356.67	-29.81	-13.00	-16.81	1.50 V	330	54.33	-84.14
6	17940.50	-28.46	-13.00	-15.46	2.00 V	324	56.00	-84.46

Remarks:

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



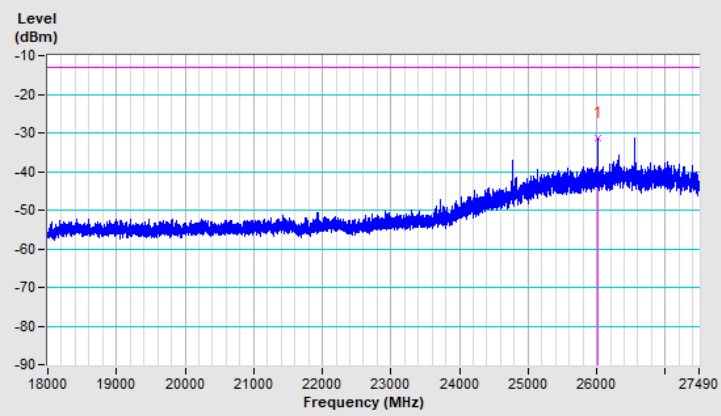
18GHz ~ 27.490GHz:

Beam ID	167+39	Frequency Range	18GHz ~ 27.490GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26009.56	-31.25	-13.00	-18.25	1.69 H	43	73.53	-104.78

Remarks:

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

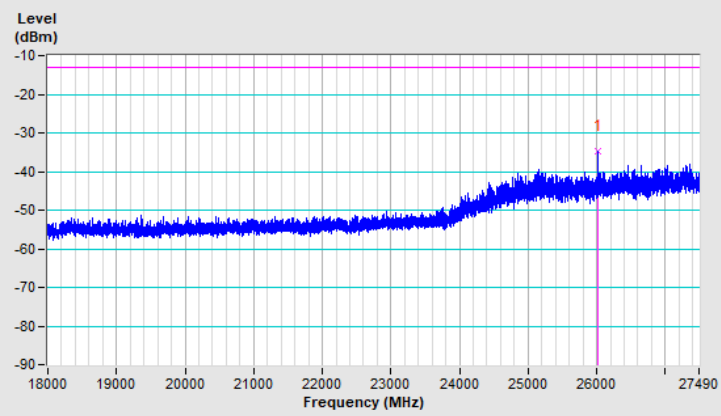


Beam ID	167+39	Frequency Range	18GHz ~ 27.490GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26009.56	-34.71	-13.00	-21.71	1.32 V	9	70.07	-104.78

Remarks:

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

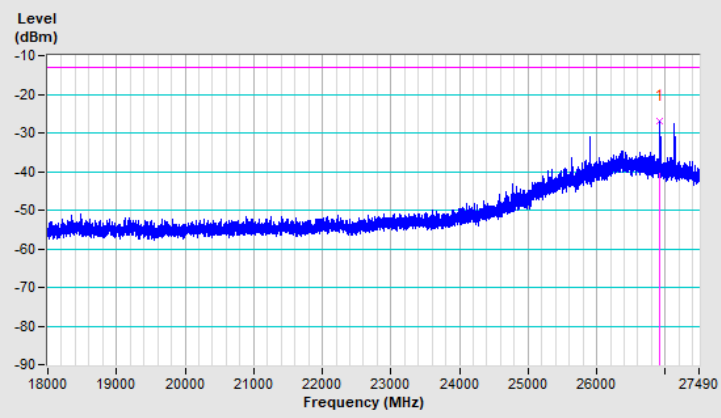


Beam ID	167+39	Frequency Range	18GHz ~ 27.490GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**26925.35**	**-26.99**	**-13.00**	**-13.99**	**1.52 H**	**10**	**77.65**	**-104.64**

Remarks:

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

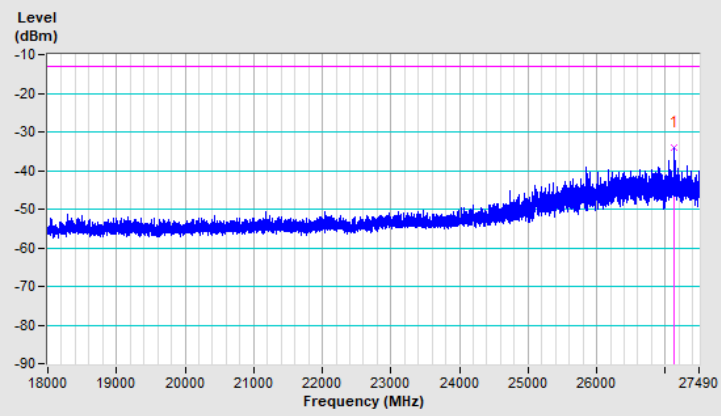


Beam ID	167+39	Frequency Range	18GHz ~ 27.490GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27136.02	-34.11	-13.00	-21.11	1.66 V	27	70.80	-104.91

Remarks:

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

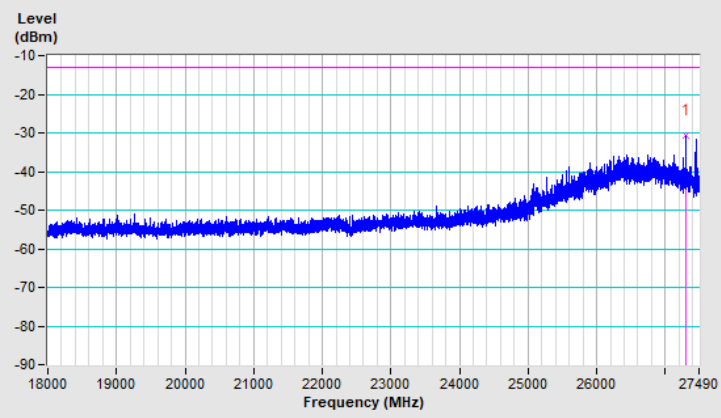


Beam ID	167+39	Frequency Range	18GHz ~ 27.490GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27293.56	-30.72	-13.00	-17.72	1.68 H	24	74.10	-104.82

Remarks:

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

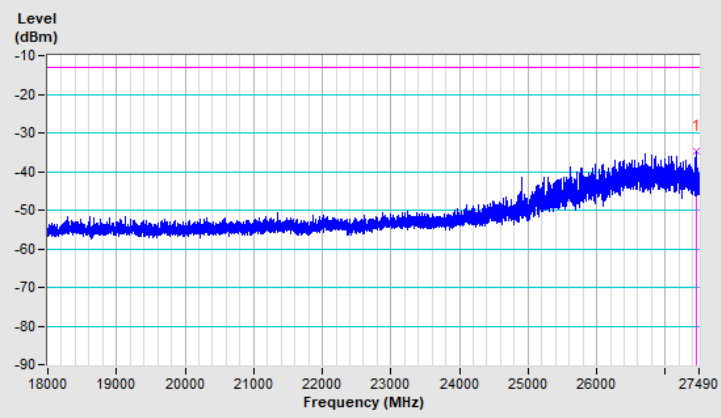


Beam ID	167+39	Frequency Range	18GHz ~ 27.490GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27442.55	-34.64	-13.00	-21.64	1.25 V	31	70.35	-104.99

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

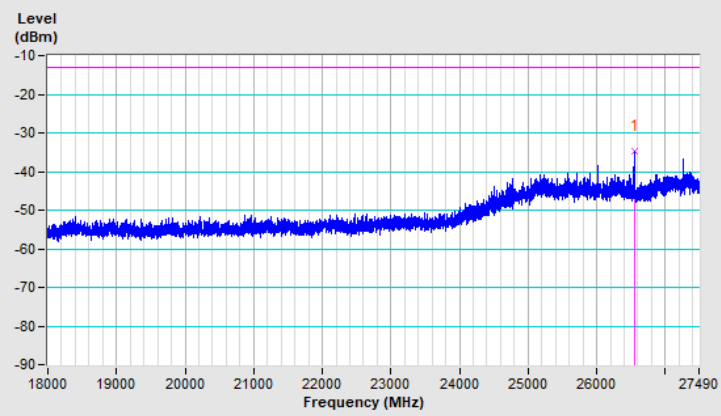


Beam ID	155+27	Frequency Range	18GHz ~ 27.490GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26560.93	-34.66	-13.00	-21.66	1.33 H	23	69.76	-104.42

Remarks:

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

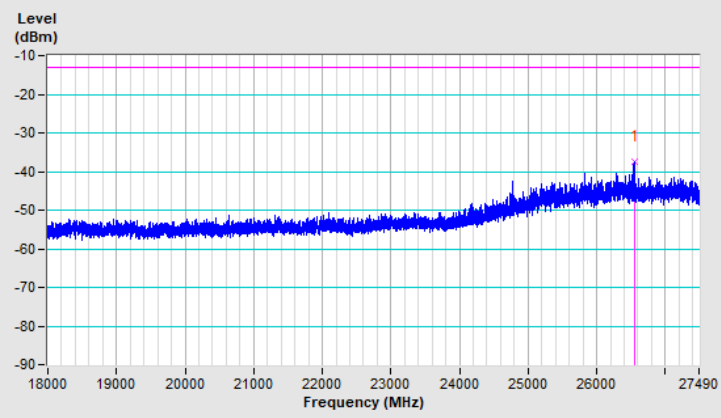


Beam ID	155+27	Frequency Range	18GHz ~ 27.490GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26560.93	-37.32	-13.00	-24.32	1.40 V	37	67.10	-104.42

Remarks:

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

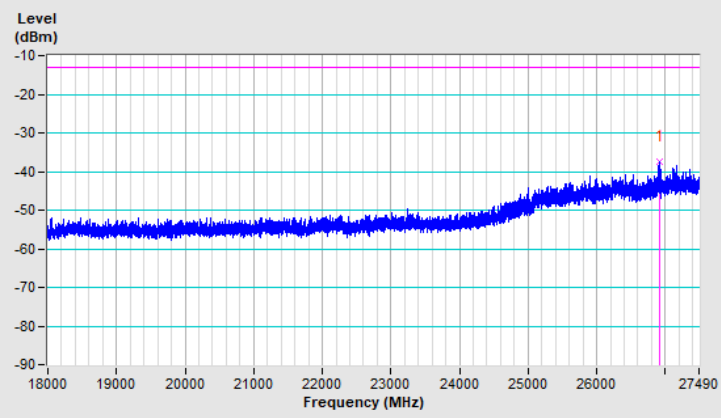


Beam ID	155+27	Frequency Range	18GHz ~ 27.490GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26925.35	-37.50	-13.00	-24.50	1.08 H	45	67.14	-104.64

Remarks:

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

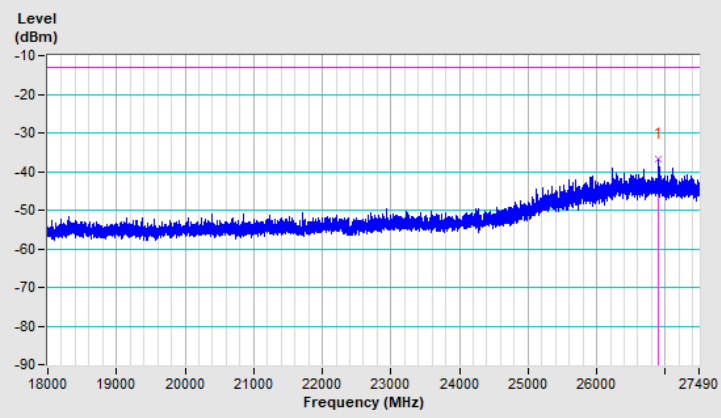


Beam ID	155+27	Frequency Range	18GHz ~ 27.490GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	26901.62	-36.71	-13.00	-23.71	1.37 V	10	67.86	-104.57

Remarks:

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

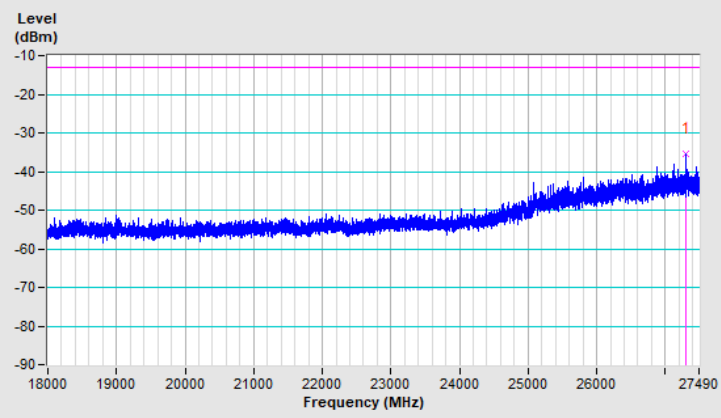


Beam ID	155+27	Frequency Range	18GHz ~ 27.490GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27293.56	-35.33	-13.00	-22.33	1.29 H	344	69.49	-104.82

Remarks:

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

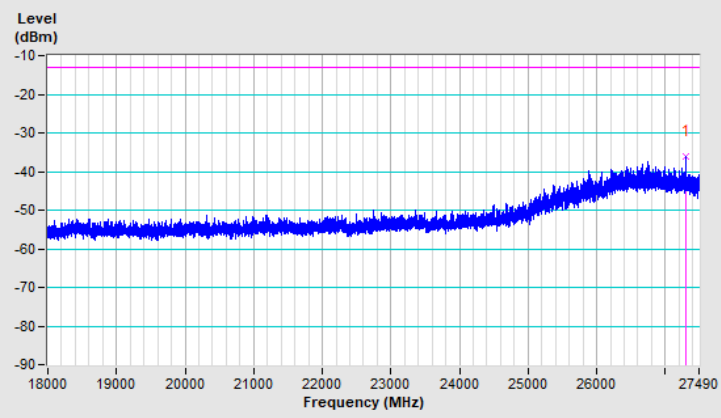


Beam ID	155+27	Frequency Range	18GHz ~ 27.490GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	27293.56	-36.18	-13.00	-23.18	1.39 V	7	68.64	-104.82

Remarks:

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



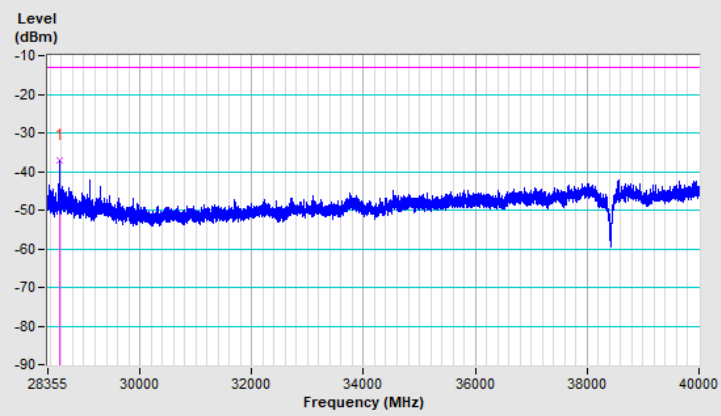
28.355GHz ~ 40GHz:

Beam ID	167+39	Frequency Range	28.355GHz ~ 40GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28557.62	-37.23	-13.00	-24.23	1.17 H	33	68.38	-105.61

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

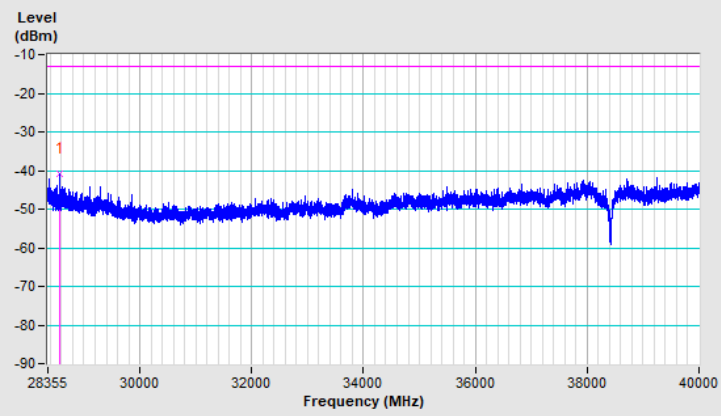


Beam ID	167+39	Frequency Range	28.355GHz ~ 40GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28557.62	-40.73	-13.00	-27.73	1.44 V	31	64.88	-105.61

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

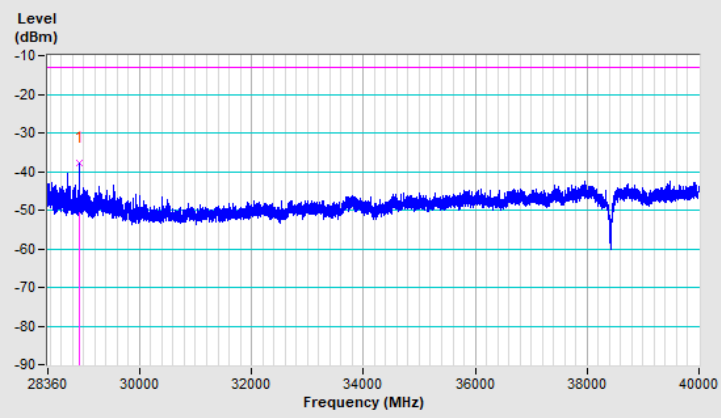


Beam ID	167+39	Frequency Range	28.360GHz ~ 40GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28922.21	-37.90	-13.00	-24.90	1.32 H	343	68.17	-106.07

Remarks:

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

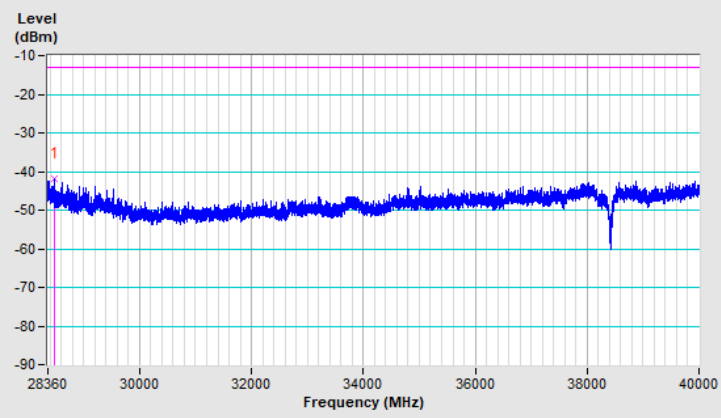


Beam ID	167+39	Frequency Range	28.360GHz ~ 40GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28486.88	-41.74	-13.00	-28.74	1.59 V	335	63.98	-105.72

Remarks:

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

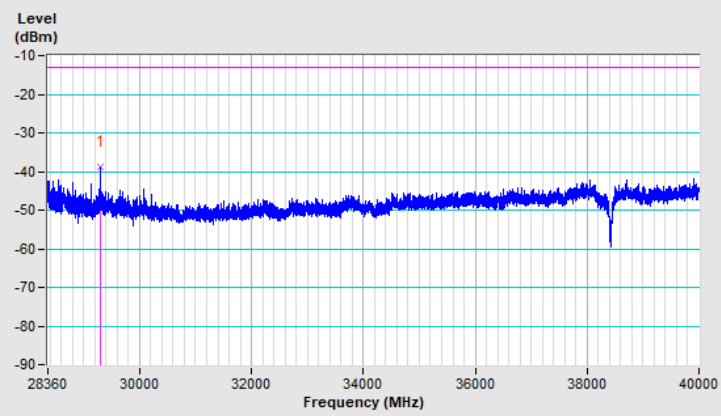


Beam ID	167+39	Frequency Range	28.360GHz ~ 40GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	29290.04	-38.74	-13.00	-25.74	1.36 H	27	67.02	-105.76

Remarks:

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

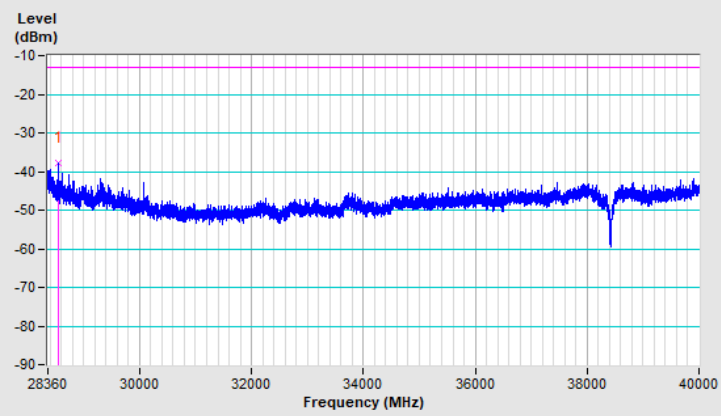


Beam ID	167+39	Frequency Range	28.360GHz ~ 40GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28547.40	-37.67	-13.00	-24.67	1.68 V	352	67.96	-105.63

Remarks:

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

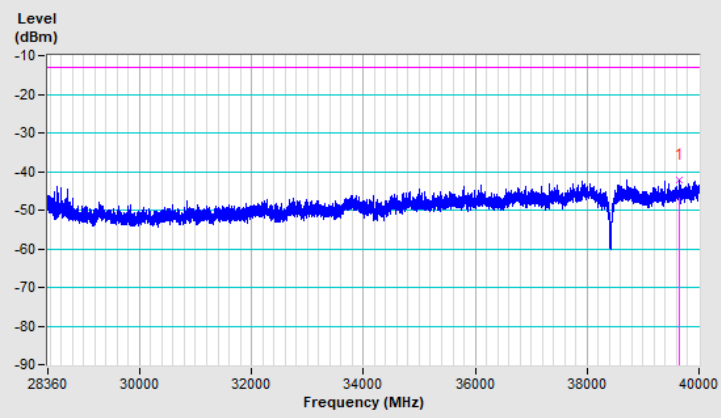


Beam ID	155+27	Frequency Range	28.360GHz ~ 40GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39655.46	-42.18	-13.00	-29.18	1.89 H	54	57.13	-99.31

Remarks:

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

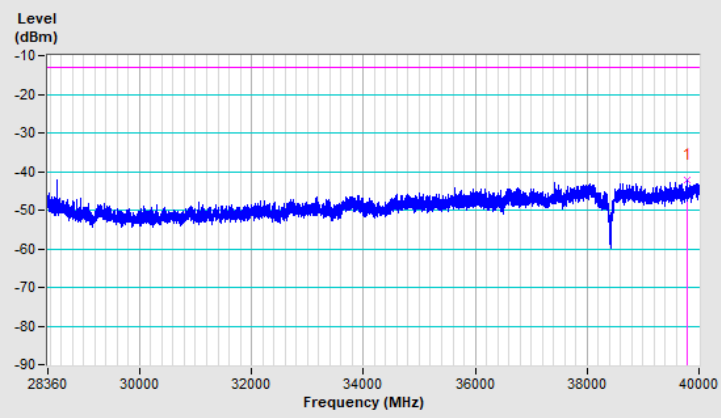


Beam ID	155+27	Frequency Range	28.360GHz ~ 40GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39777.68	-42.33	-13.00	-29.33	1.91 V	37	56.80	-99.13

Remarks:

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

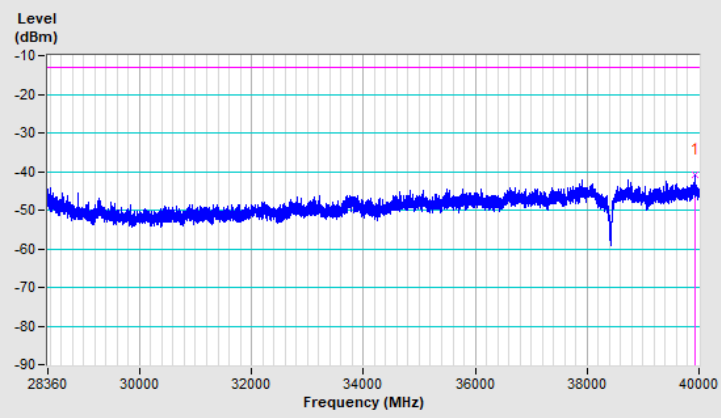


Beam ID	155+27	Frequency Range	28.360GHz ~ 40GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39929.00	-40.81	-13.00	-27.81	1.71 H	56	57.31	-98.12

Remarks:

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

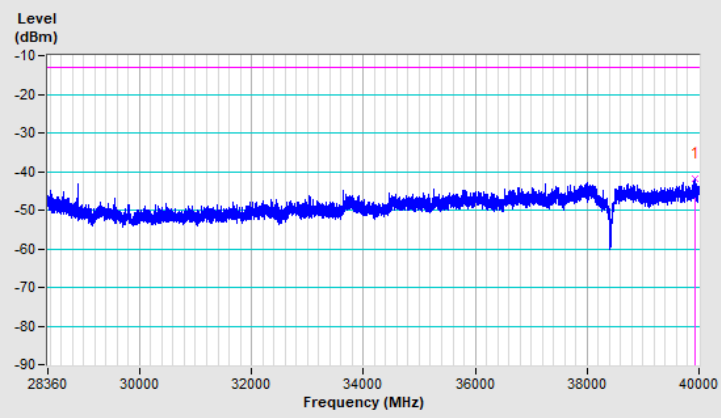


Beam ID	155+27	Frequency Range	28.360GHz ~ 40GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39925.50	-41.89	-13.00	-28.89	1.77 V	80	56.25	-98.14

Remarks:

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

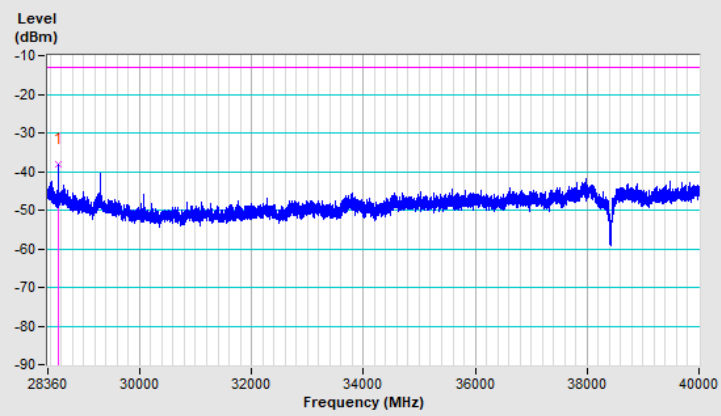


Beam ID	155+27	Frequency Range	28.360GHz ~ 40GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28547.40	-38.12	-13.00	-25.12	1.34 H	22	67.51	-105.63

Remarks:

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

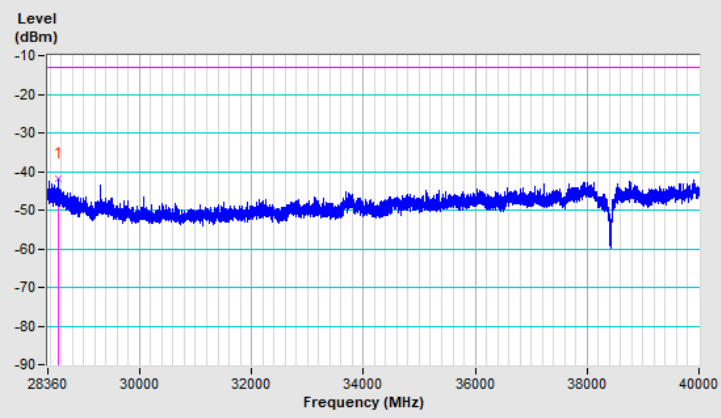


Beam ID	155+27	Frequency Range	28.360GHz ~ 40GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 2m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	28546.24	-41.86	-13.00	-28.86	1.64 V	20	63.77	-105.63

Remarks:

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



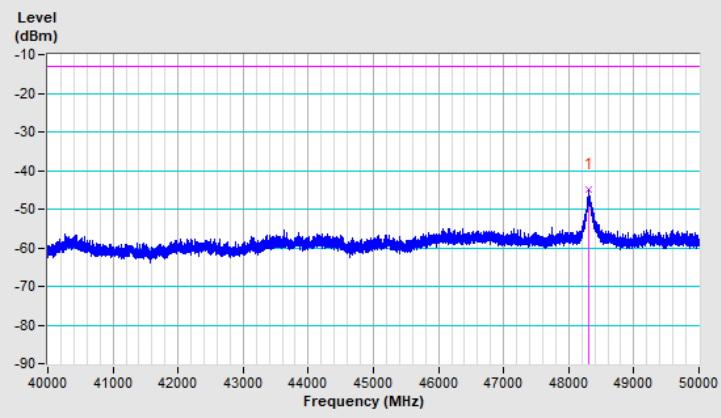
40GHz ~ 50GHz:

Beam ID	167+39	Frequency Range	40GHz ~ 50GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48311.00	-44.79	-13.00	-31.79	1.25 H	91	62.74	-107.53

Remarks:

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

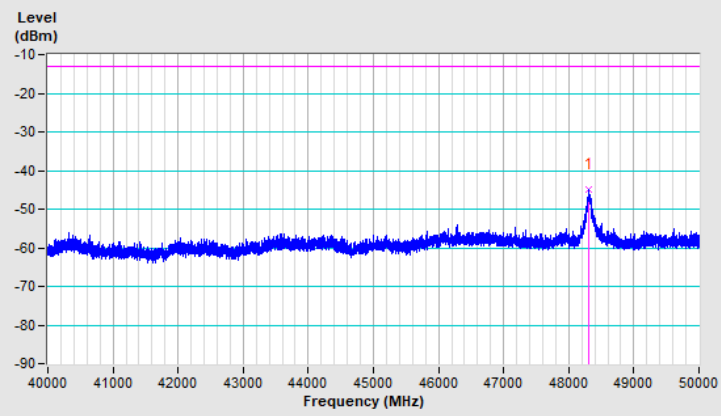


Beam ID	167+39	Frequency Range	40GHz ~ 50GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48316.00	-44.88	-13.00	-31.88	1.34 V	302	62.65	-107.53

Remarks:

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

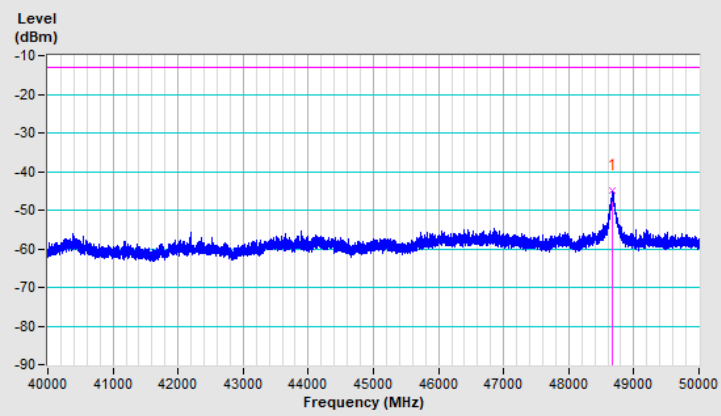


Beam ID	167+39	Frequency Range	40GHz ~ 50GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48666.00	-45.08	-13.00	-32.08	1.52 H	111	62.38	-107.46

Remarks:

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

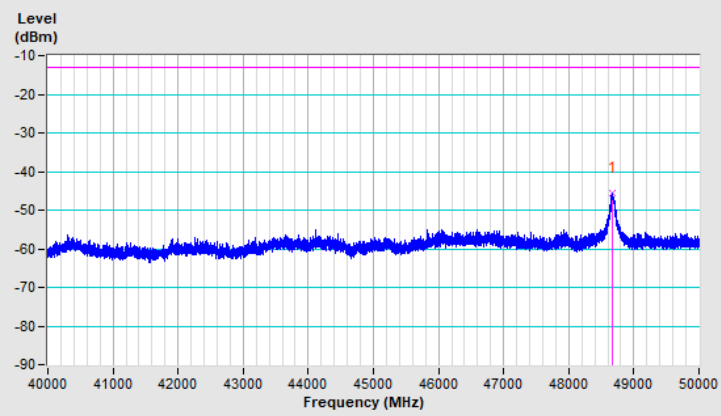


Beam ID	167+39	Frequency Range	40GHz ~ 50GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48672.00	-45.68	-13.00	-32.68	1.38 V	311	61.78	-107.46

Remarks:

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

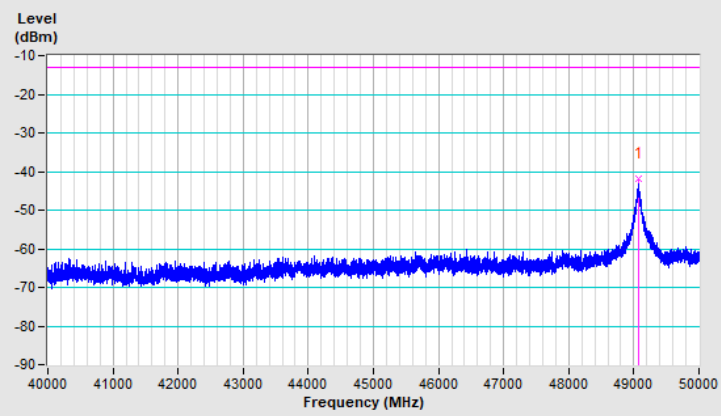


Beam ID	167+39	Frequency Range	40GHz ~ 50GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49070.00	-41.71	-13.00	-28.71	1.47 H	55	65.67	-107.38

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

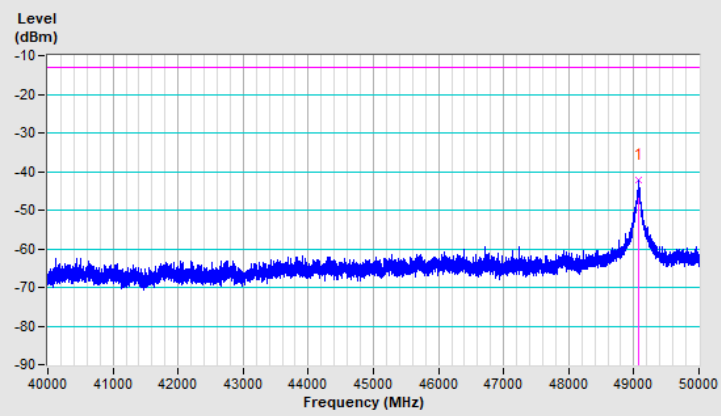


Beam ID	167+39	Frequency Range	40GHz ~ 50GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49074.00	-42.34	-13.00	-29.34	1.43 V	326	65.03	-107.37

Remarks:

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

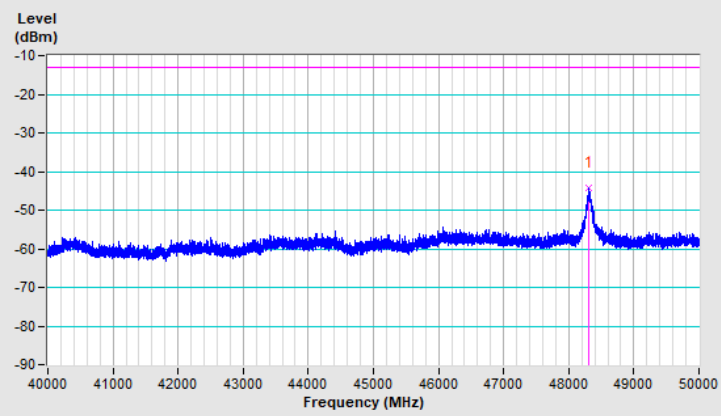


Beam ID	155+27	Frequency Range	40GHz ~ 50GHz
Channel	Low	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48299.00	-44.33	-13.00	-31.33	1.20 H	217	63.21	-107.54

Remarks:

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

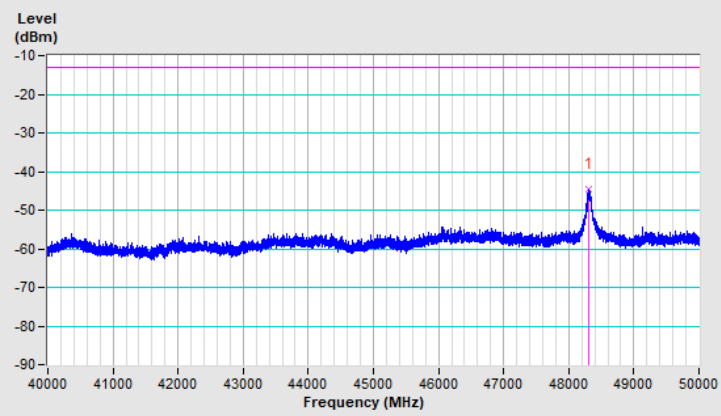


Beam ID	155+27	Frequency Range	40GHz ~ 50GHz
Channel	Low	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48308.00	-44.65	-13.00	-31.65	1.73 V	152	62.89	-107.54

Remarks:

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

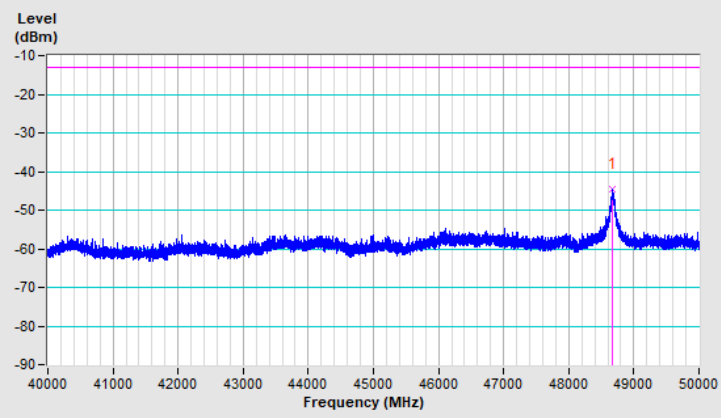


Beam ID	155+27	Frequency Range	40GHz ~ 50GHz
Channel	Mid	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48667.00	-44.74	-13.00	-31.74	1.23 H	215	62.72	-107.46

Remarks:

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

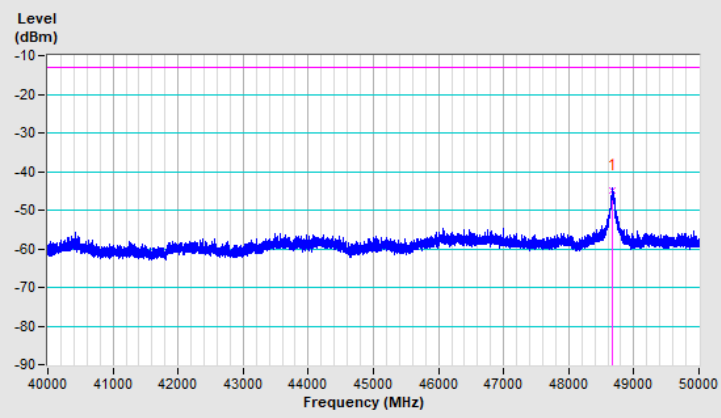


Beam ID	155+27	Frequency Range	40GHz ~ 50GHz
Channel	Mid	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	48669.00	-44.82	-13.00	-31.82	1.67 V	151	62.64	-107.46

Remarks:

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

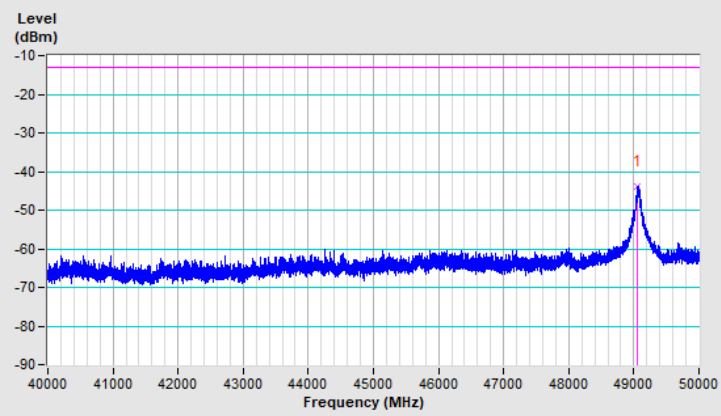


Beam ID	155+27	Frequency Range	40GHz ~ 50GHz
Channel	High	Polarity	Horizontal

Antenna Polarity & Test Distance : Horizontal at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49061.00	-43.94	-13.00	-30.94	1.22 H	282	63.44	-107.38

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

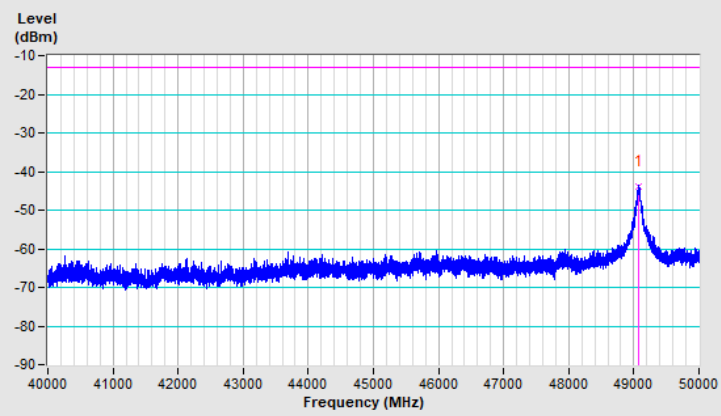


Beam ID	155+27	Frequency Range	40GHz ~ 50GHz
Channel	High	Polarity	Vertical

Antenna Polarity & Test Distance : Vertical at 1m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	49072.00	-44.04	-13.00	-31.04	1.54 V	155	63.33	-107.37

Remarks:

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

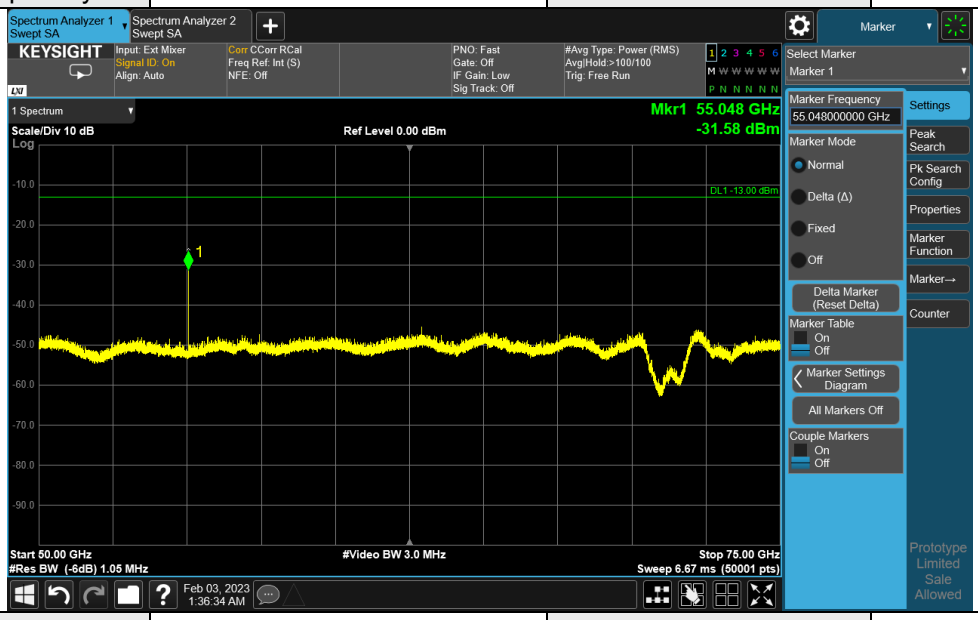


50GHz ~ 75GHz:

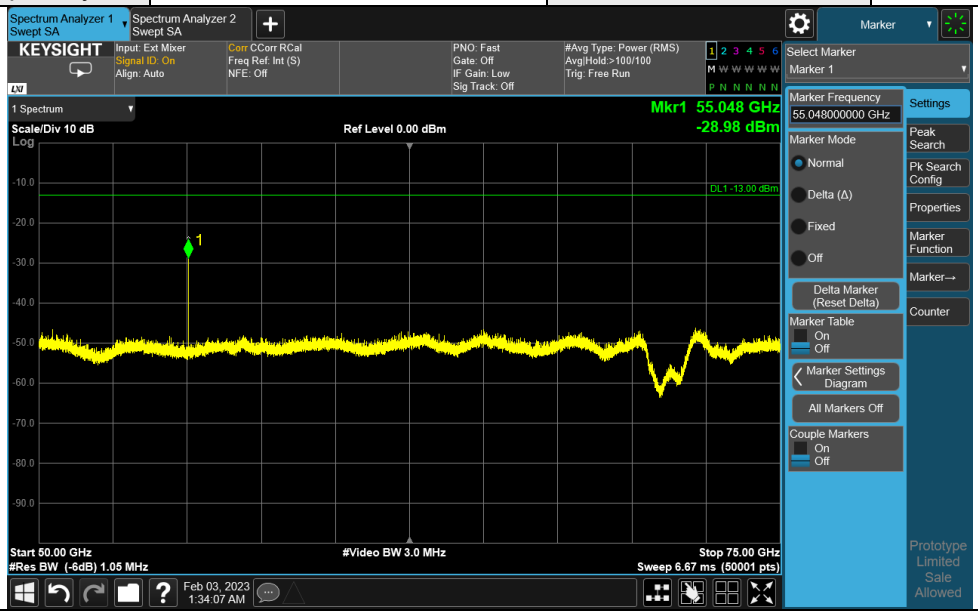
	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam167+39 LowH	55.048	-31.58	-13	-18.58	106	72	-30.04	-1.54
Beam167+39 LowV	55.048	-28.98	-13	-15.98	136	295	-27.44	-1.54
Beam167+39 MidH	55.845	-30.99	-13	-17.99	148	97	-28	-2.99
Beam167+39 MidV	55.845	-29.81	-13	-16.81	110	277	-26.82	-2.99
Beam167+39 HighH	56.582	-32.84	-13	-19.84	124	69	-30.88	-1.96
Beam167+39 HighV	56.582	-31.35	-13	-18.35	137	303	-29.39	-1.96

	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam155+27 LowH	55.116	-31.87	-13	-18.87	173	161	-30.33	-1.54
Beam155+27 LowV	55.117	-34.21	-13	-21.21	109	188	-32.67	-1.54
Beam155+27 MidH	55.845	-32.81	-13	-19.81	149	128	-29.82	-2.99
Beam155+27 MidV	55.846	-32.87	-13	-19.87	139	210	-29.88	-2.99
Beam155+27 HighH	56.584	-31.68	-13	-18.68	153	144	-29.72	-1.96
Beam155+27 HighV	56.584	-37.01	-13	-24.01	140	205	-35.05	-1.96

Band	n261	Beam ID	167+39
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



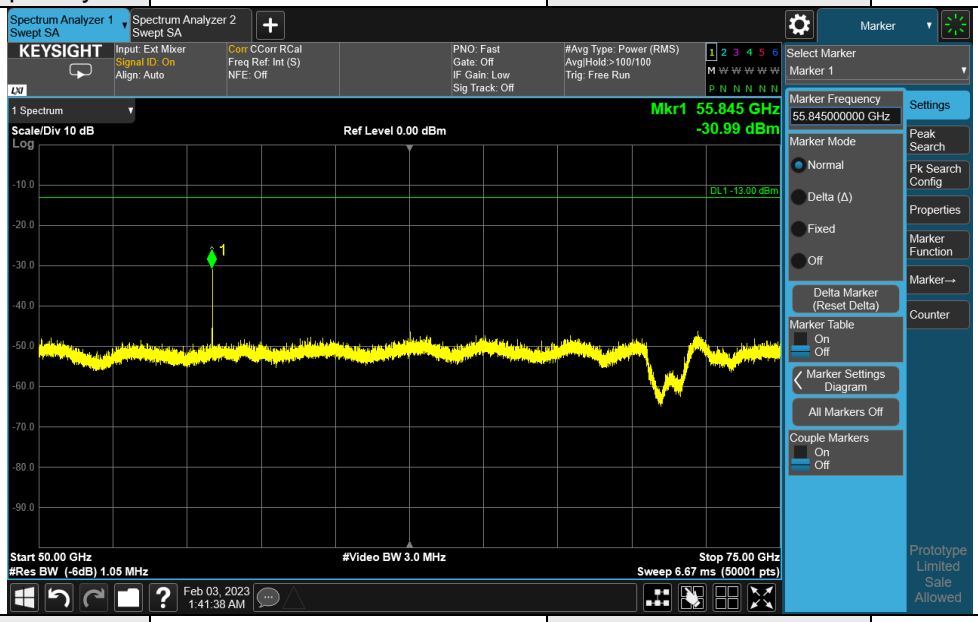
Band	n261	Beam ID	167+39
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



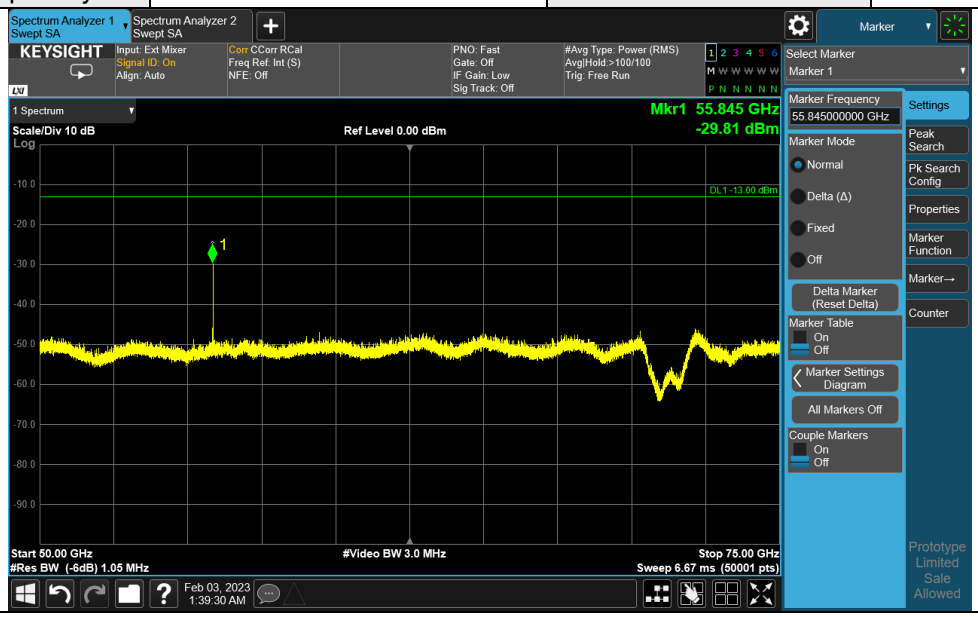
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



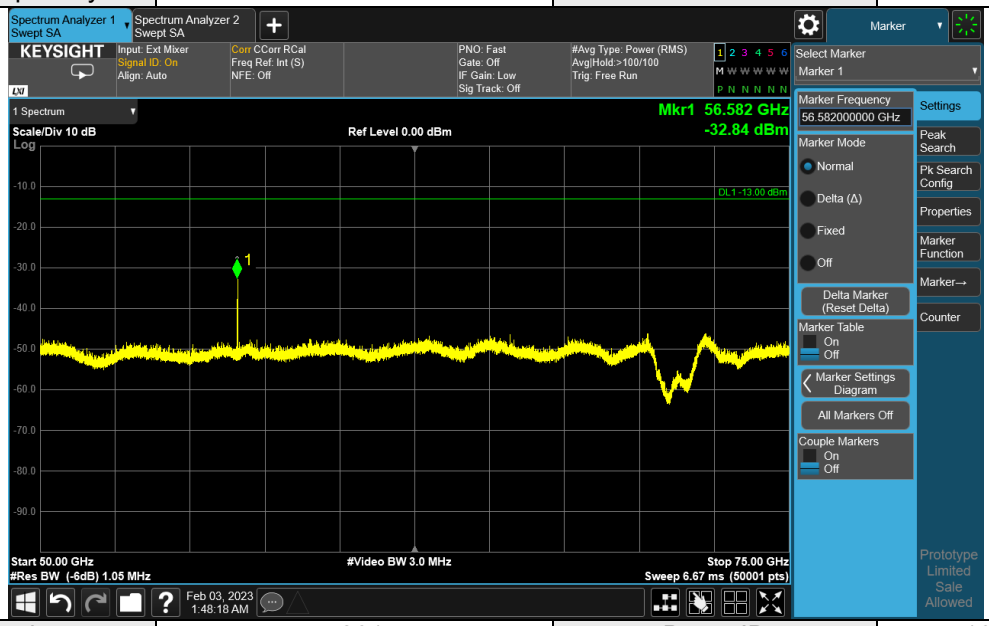
Band	n261	Beam ID	167+39
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



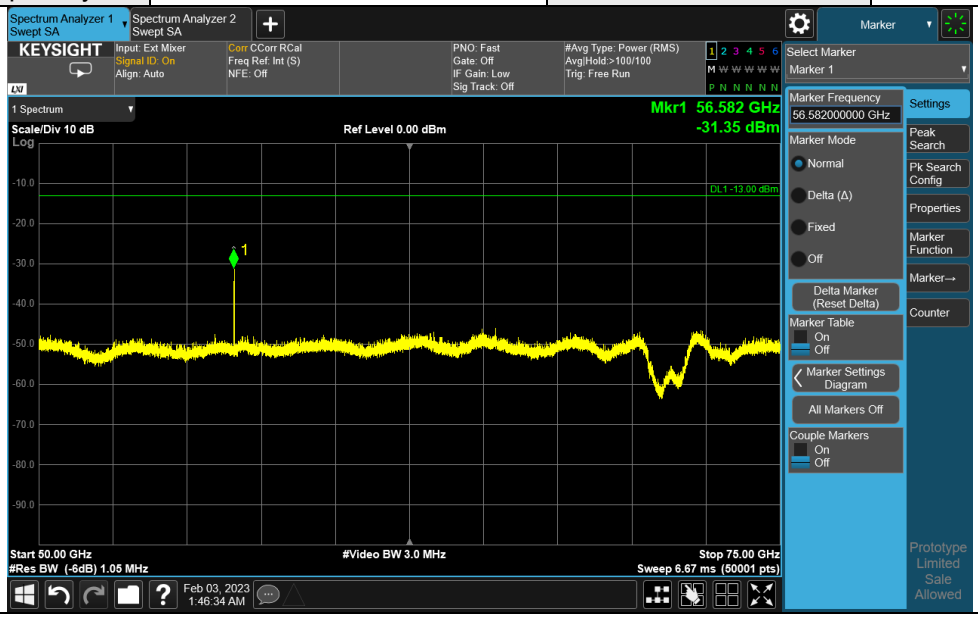
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



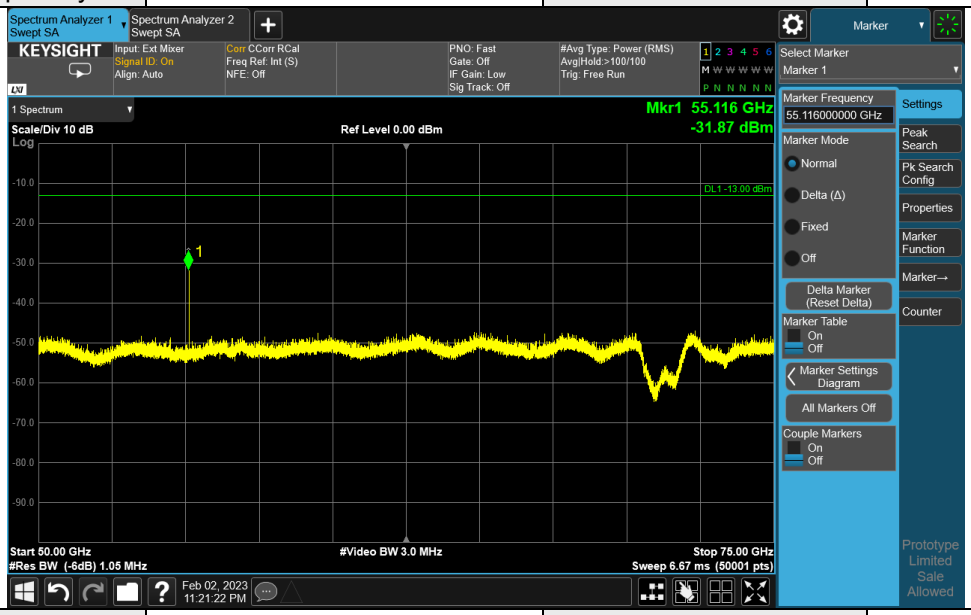
Band	n261	Beam ID	167+39
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



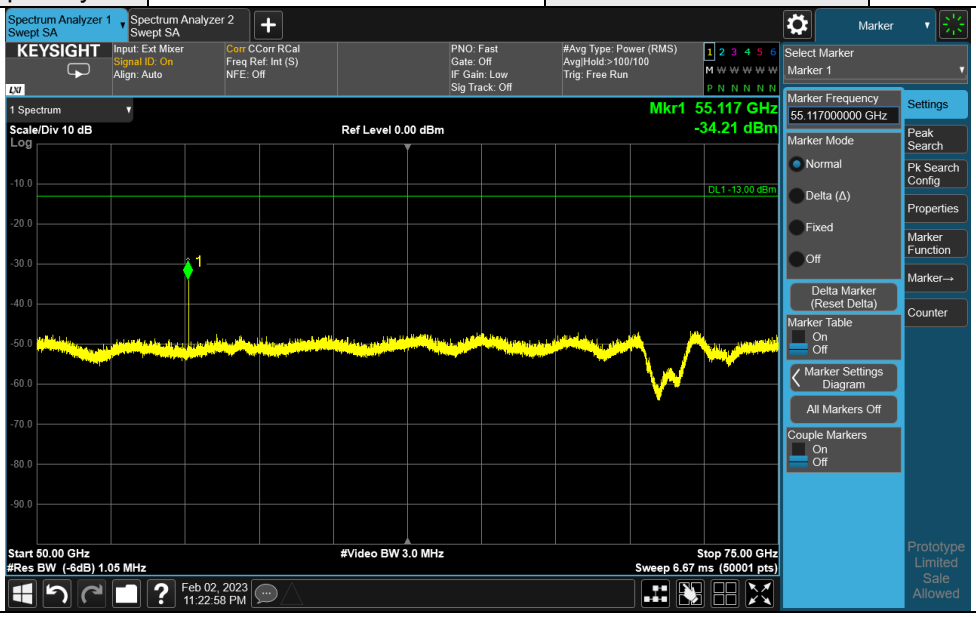
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



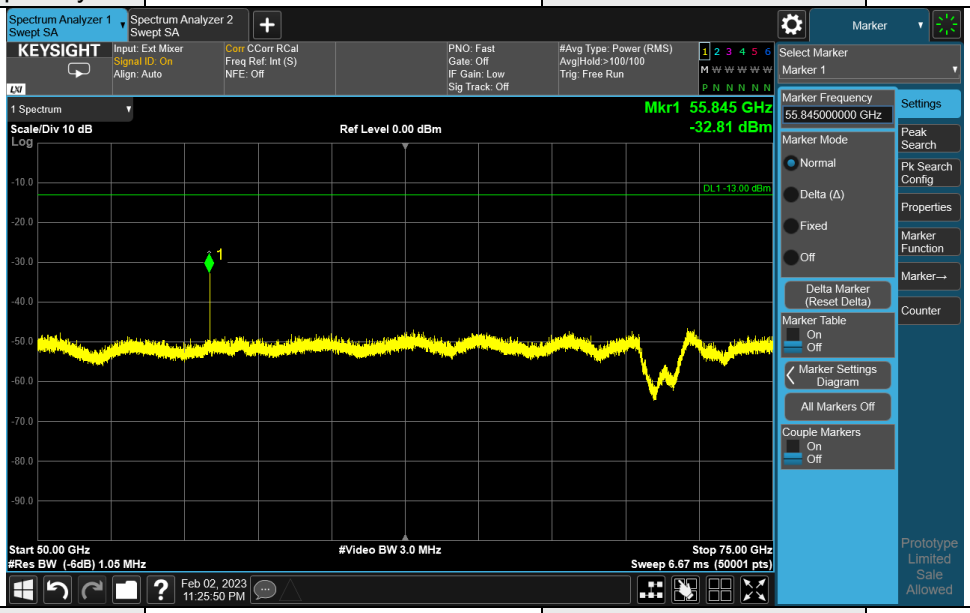
Band	n261	Beam ID	155+27
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



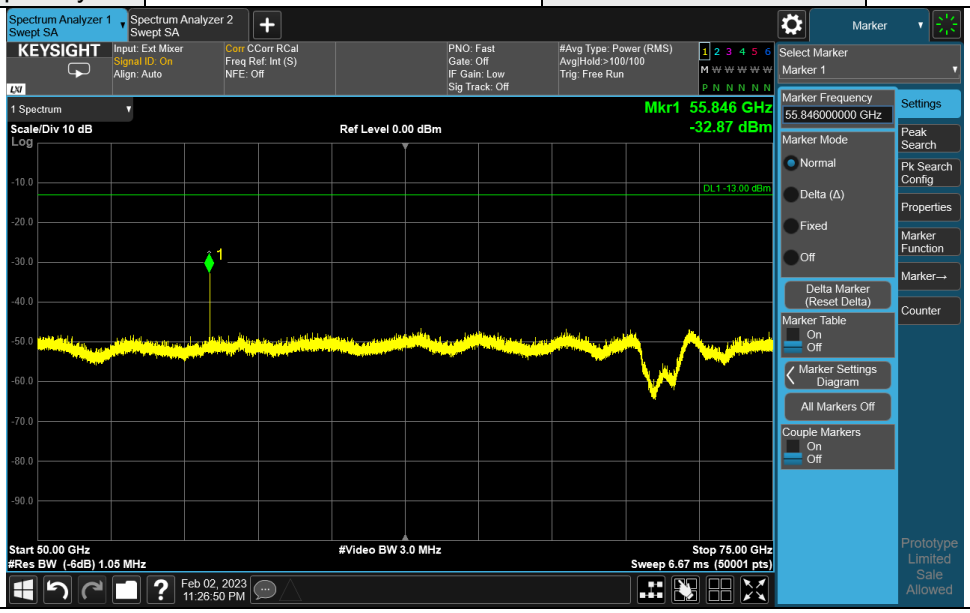
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



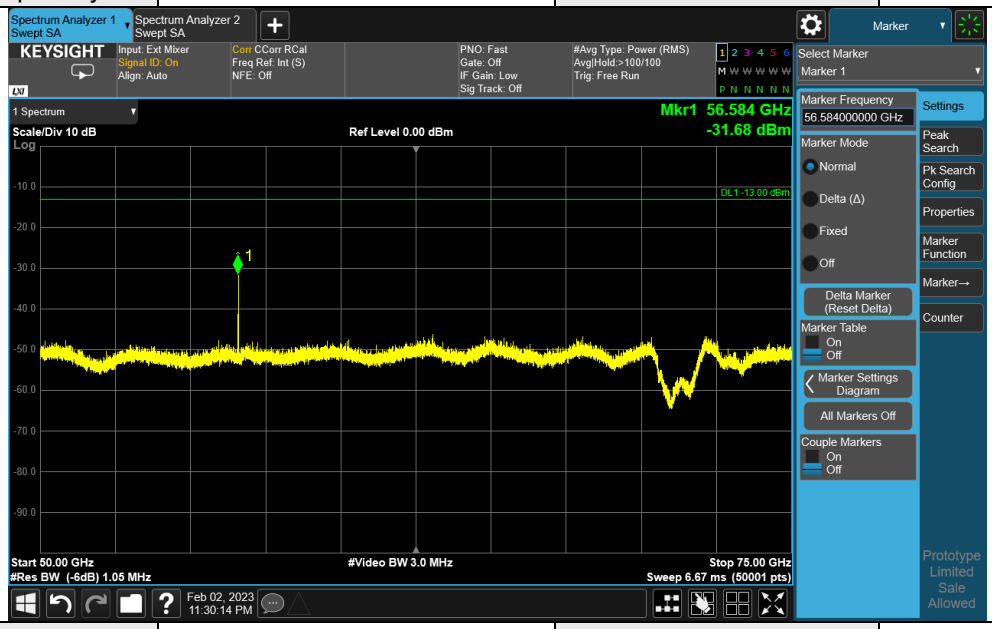
Band	n261	Beam ID	155+27
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



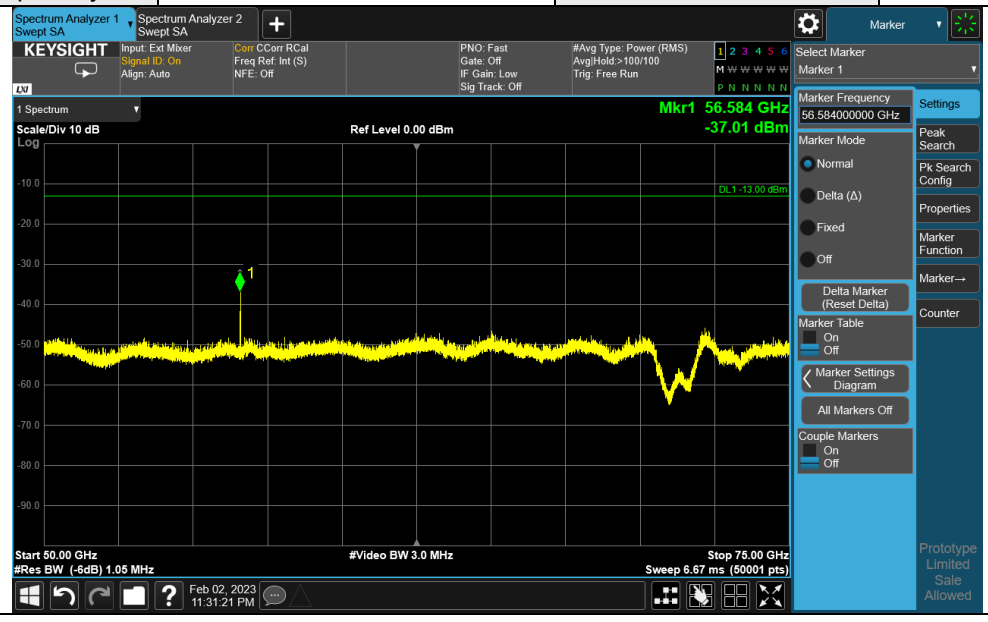
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	155+27
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

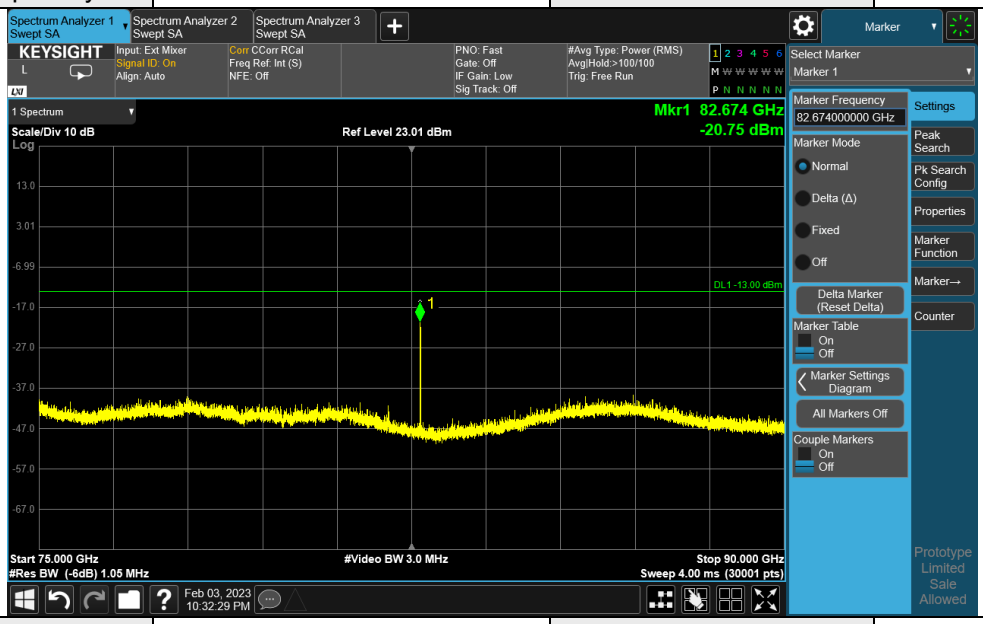
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

75GHz ~ 90GHz:

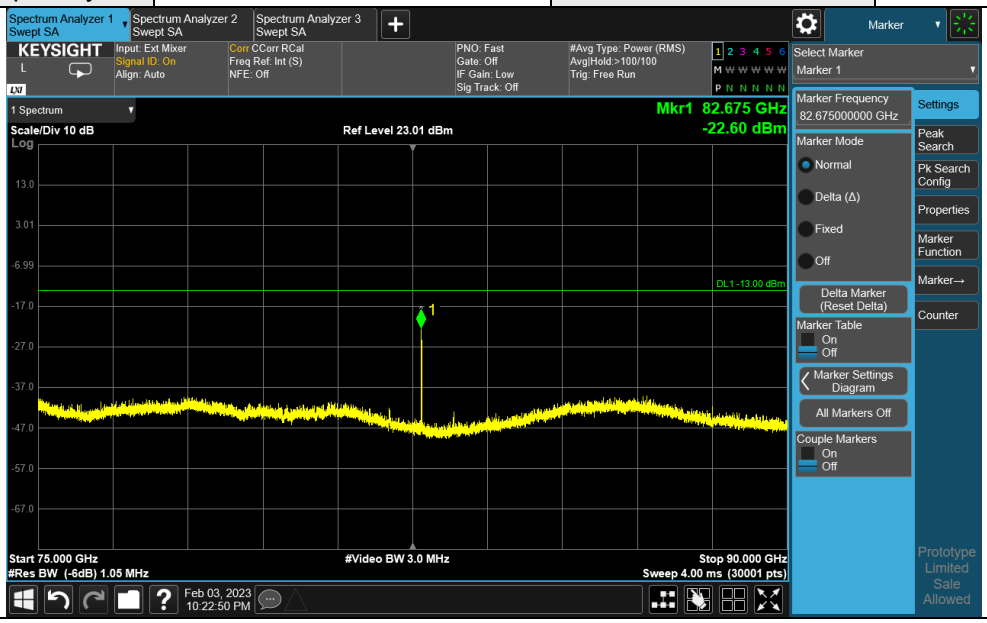
	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam167+39 LowH	82.674	-20.75	-13	-7.75	110	112	-38.39	17.64
Beam167+39 LowV	82.675	-22.6	-13	-9.6	140	301	-40.24	17.64
Beam167+39 MidH	83.768	-18.37	-13	-5.37	124	103	-35.91	17.54
Beam167+39 MidV	83.769	-19.5	-13	-6.5	161	308	-37.04	17.54
Beam167+39 HighH	84.877	-16.6	-13	-3.6	107	95	-34.23	17.63
Beam167+39 HighV	84.873	-16.44	-13	-3.44	139	327	-34.07	17.63

	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam155+27 LowH	82.677	-23.45	-13	-10.45	166	140	-41.09	17.64
Beam155+27 LowV	82.677	-25.34	-13	-12.34	144	210	-42.98	17.64
Beam155+27 MidH	83.77	-22.6	-13	-9.6	154	139	-40.14	17.54
Beam155+27 MidV	83.769	-23.76	-13	-10.76	100	222	-41.3	17.54
Beam155+27 HighH	84.873	-17.13	-13	-4.13	173	163	-34.76	17.63
Beam155+27 HighV	84.873	-18.2	-13	-5.2	104	210	-35.83	17.63

Band	n261	Beam ID	167+39
Frequency Range	75GHz-90GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



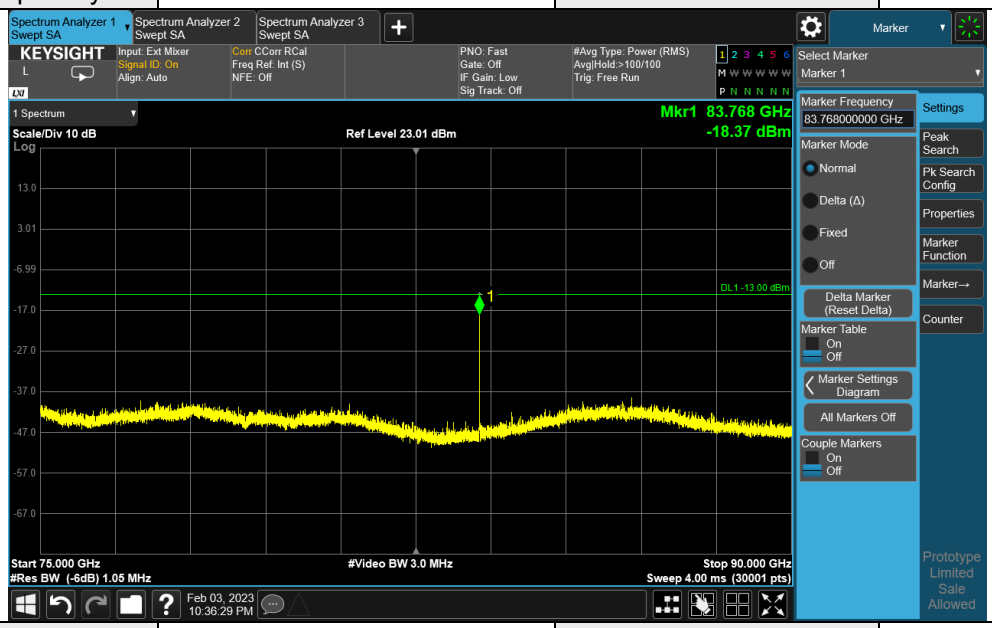
Band	n261	Beam ID	167+39
Frequency Range	75GHz-90GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



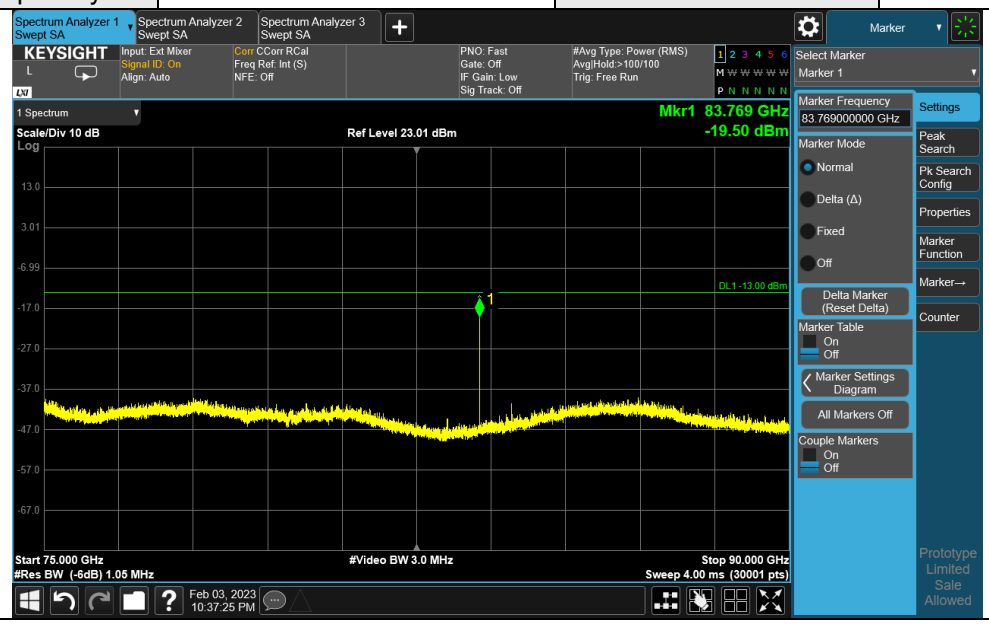
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	75GHz-90GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



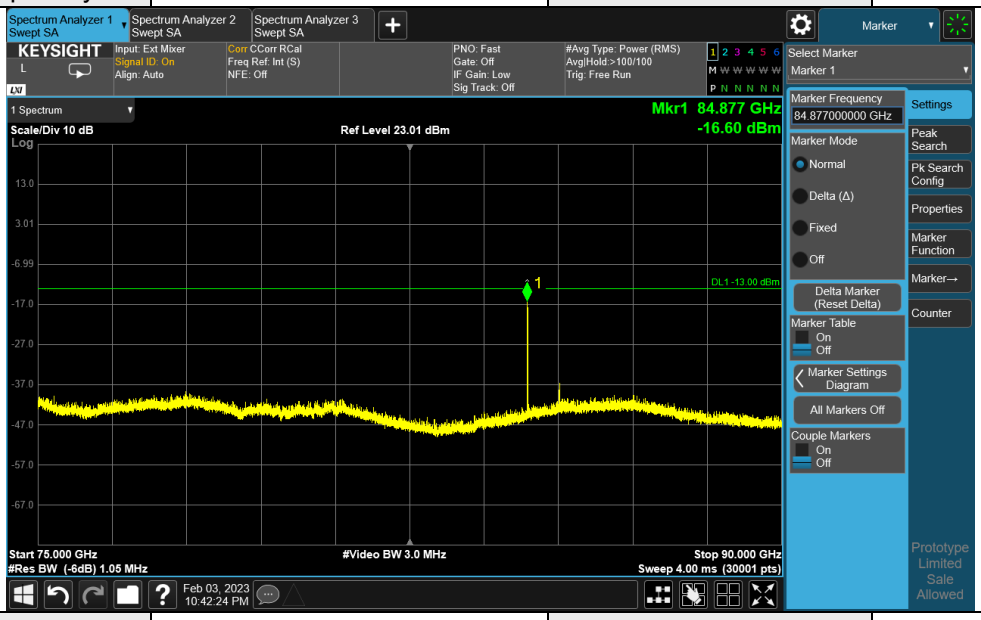
Band	n261	Beam ID	167+39
Frequency Range	75GHz-90GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



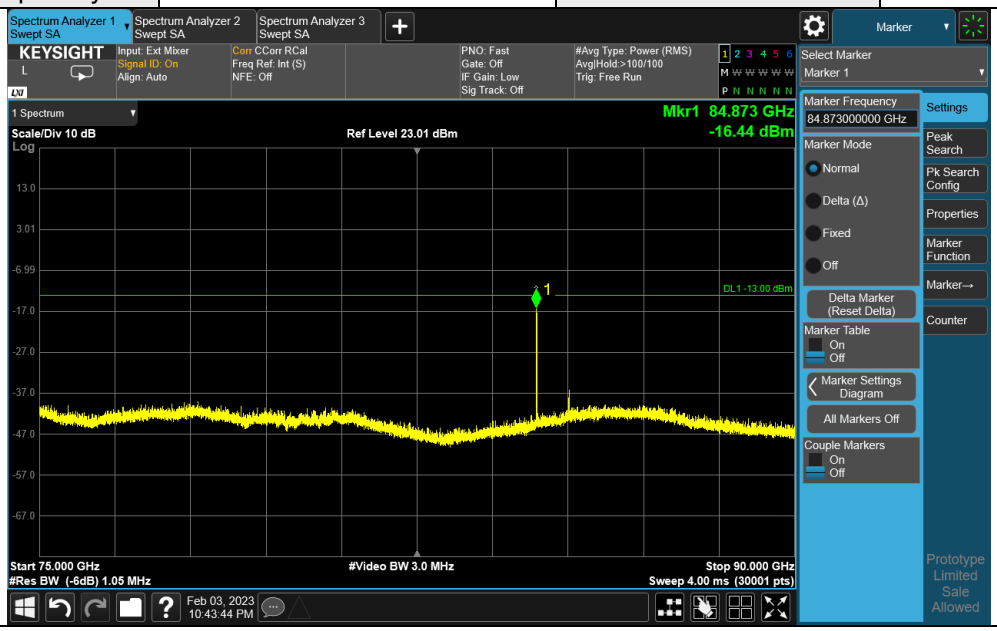
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	75GHz-90GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



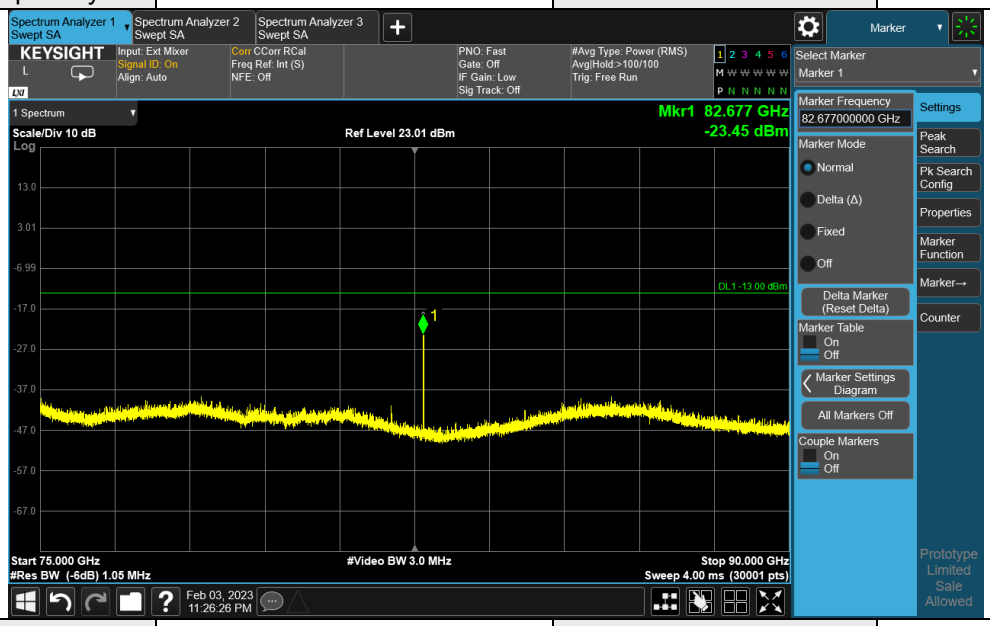
Band	n261	Beam ID	167+39
Frequency Range	75GHz-90GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



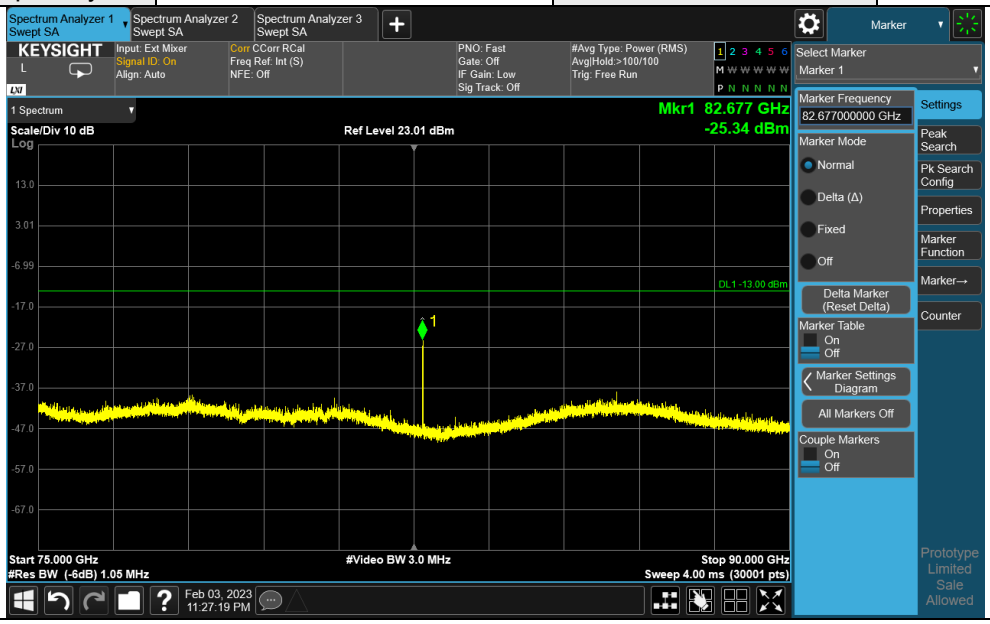
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	75GHz-90GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



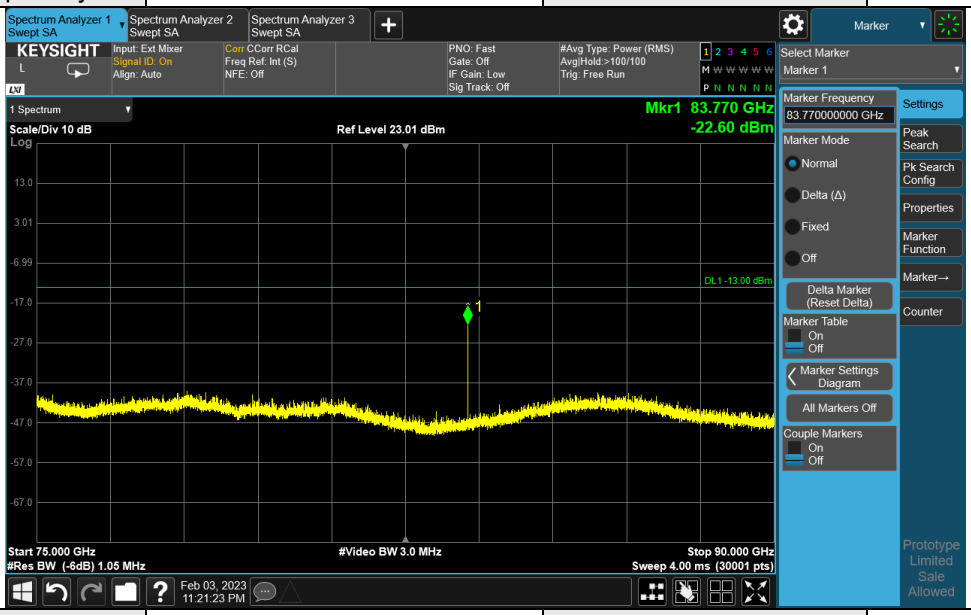
Band	n261	Beam ID	155+27
Frequency Range	75GHz-90GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



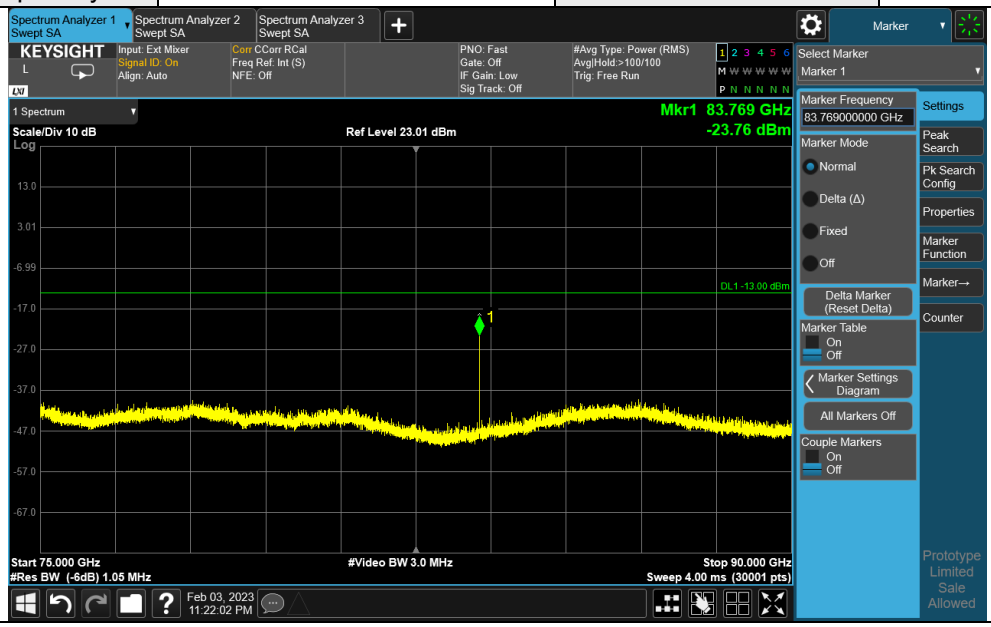
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	75GHz-90GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



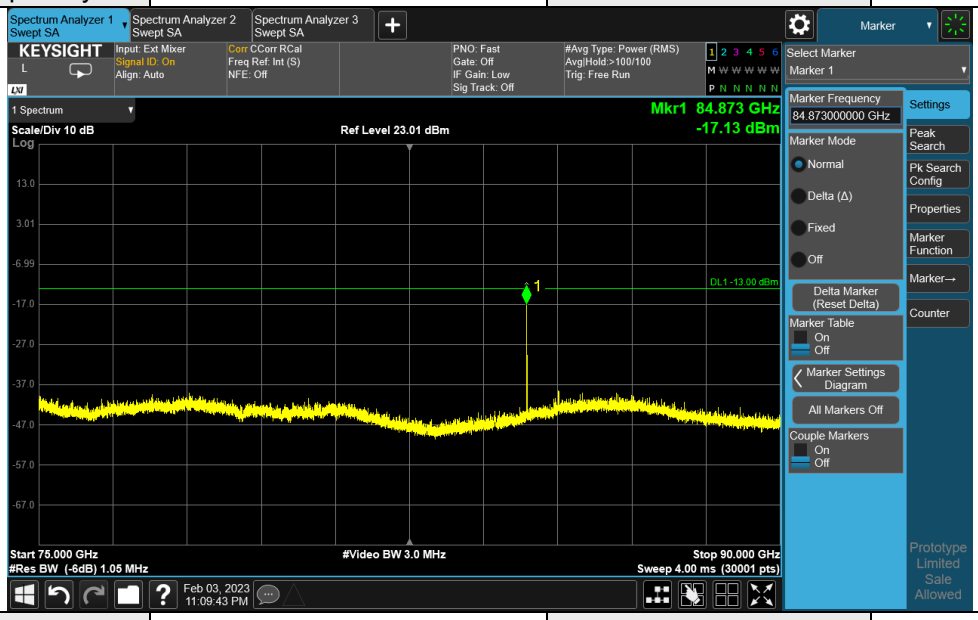
Band	n261	Beam ID	155+27
Frequency Range	75GHz-90GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



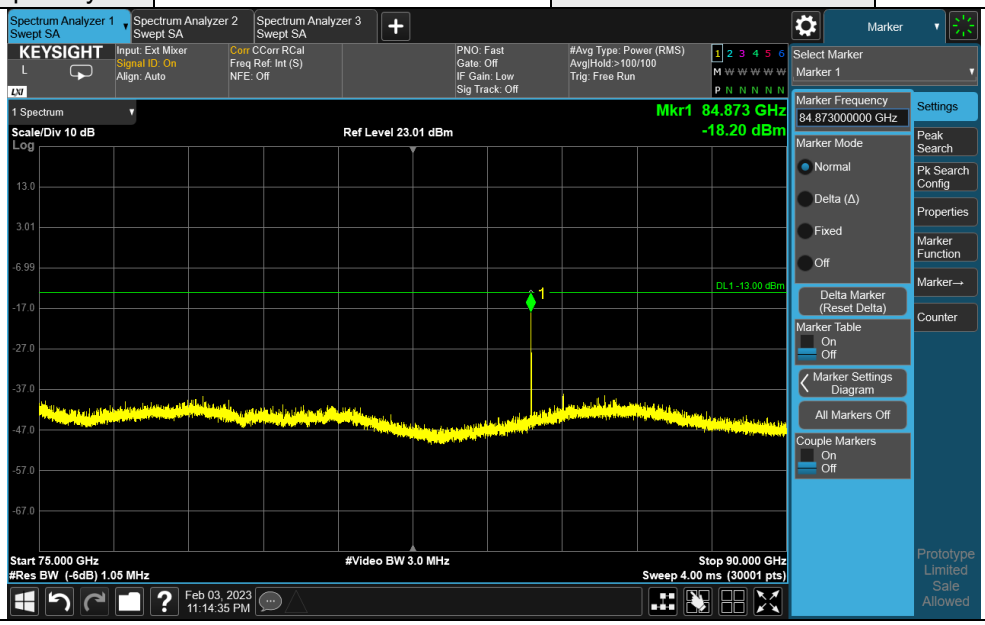
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	75GHz-90GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	155+27
Frequency Range	75GHz-90GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

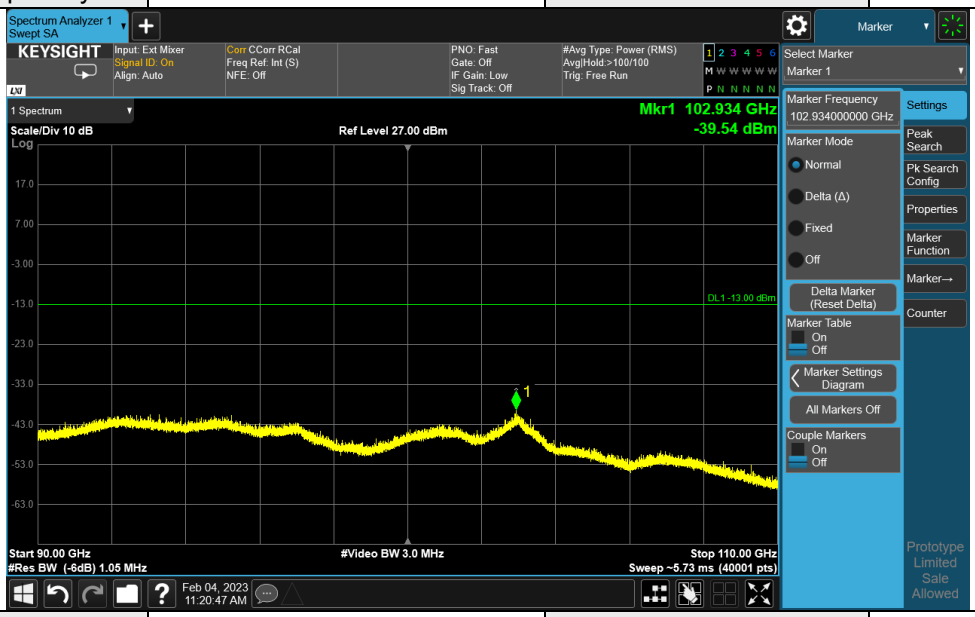
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

90GHz ~ 110GHz:

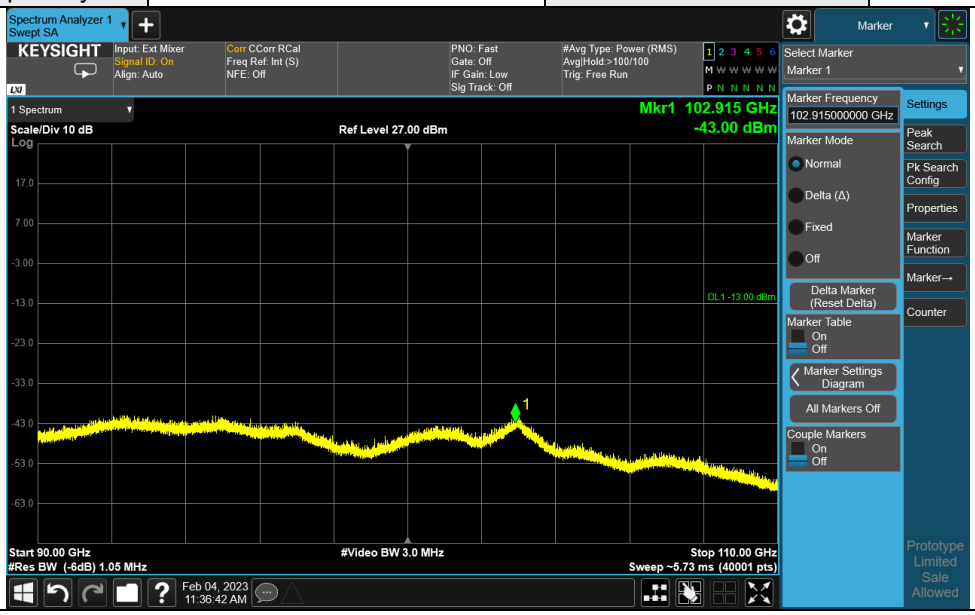
	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam167+39 LowH	102.934	-39.54	-13	-26.54	152	74	-61.28	21.74
Beam167+39 LowV	102.915	-43	-13	-30	154	323	-64.74	21.74
Beam167+39 MidH	92.279	-41.08	-13	-28.08	140	111	-59.39	18.31
Beam167+39 MidV	103.021	-40.45	-13	-27.45	154	311	-62.19	21.74
Beam167+39 HighH	92.147	-41.11	-13	-28.11	126	87	-59.42	18.31
Beam167+39 HighV	91.936	-40.88	-13	-27.88	158	274	-59.19	18.31

	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam155+27 LowH	92.018	-40.58	-13	-27.58	178	154	-58.89	18.31
Beam155+27 LowV	92.049	-40.84	-13	-27.84	140	192	-59.15	18.31
Beam155+27 MidH	91.857	-40.33	-13	-27.33	161	160	-58.64	18.31
Beam155+27 MidV	93.22	-40.67	-13	-27.67	124	190	-59.04	18.37
Beam155+27 HighH	92.132	-40.96	-13	-27.96	148	122	-59.27	18.31
Beam155+27 HighV	102.789	-40.87	-13	-27.87	110	218	-62.61	21.74

Band	n261	Beam ID	167+39
Frequency Range	90GHz-110GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



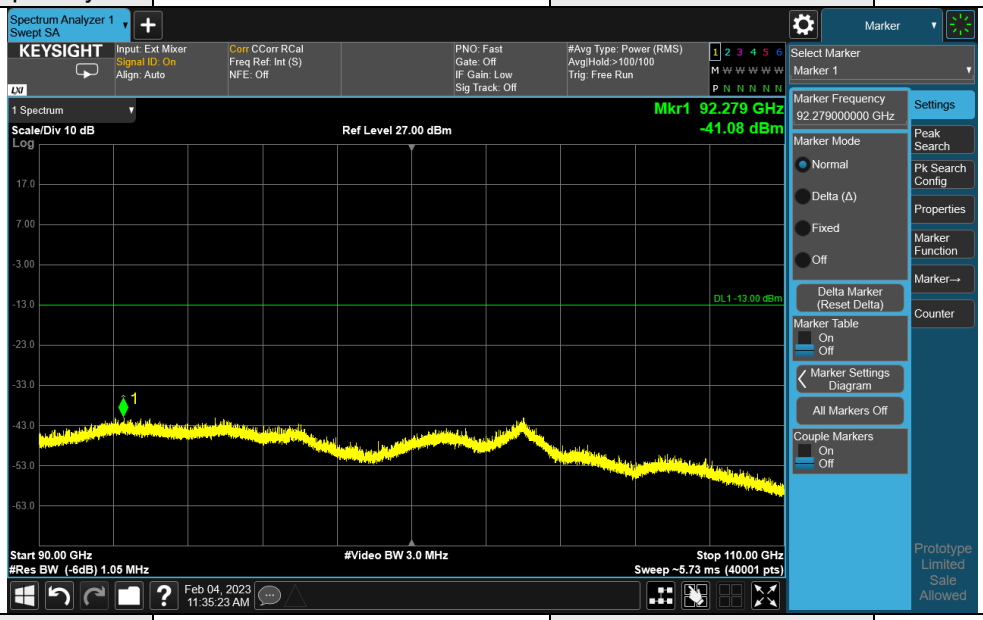
Band	n261	Beam ID	167+39
Frequency Range	90GHz-110GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



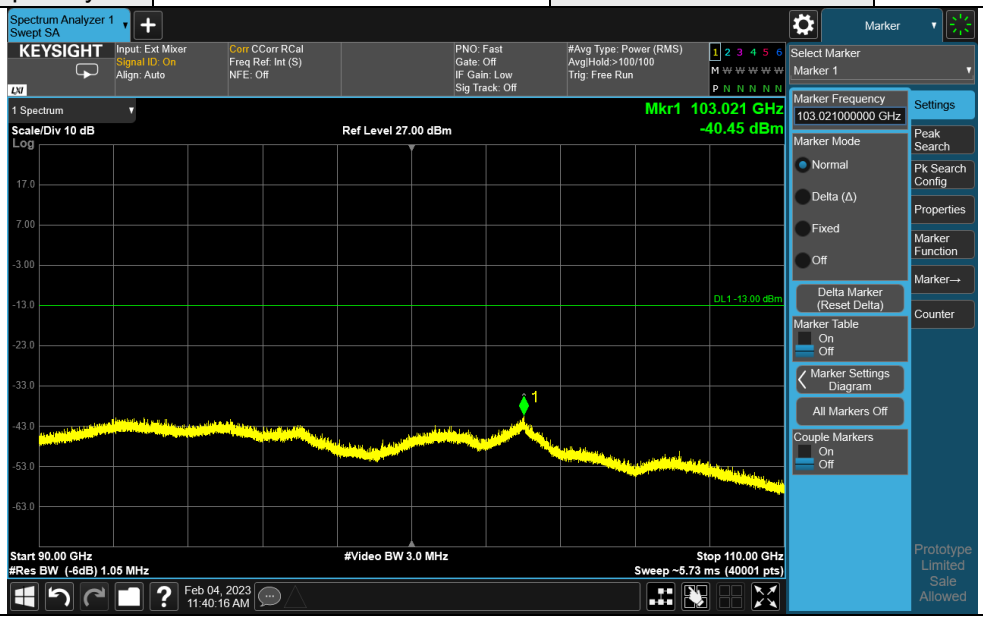
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	90GHz-110GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



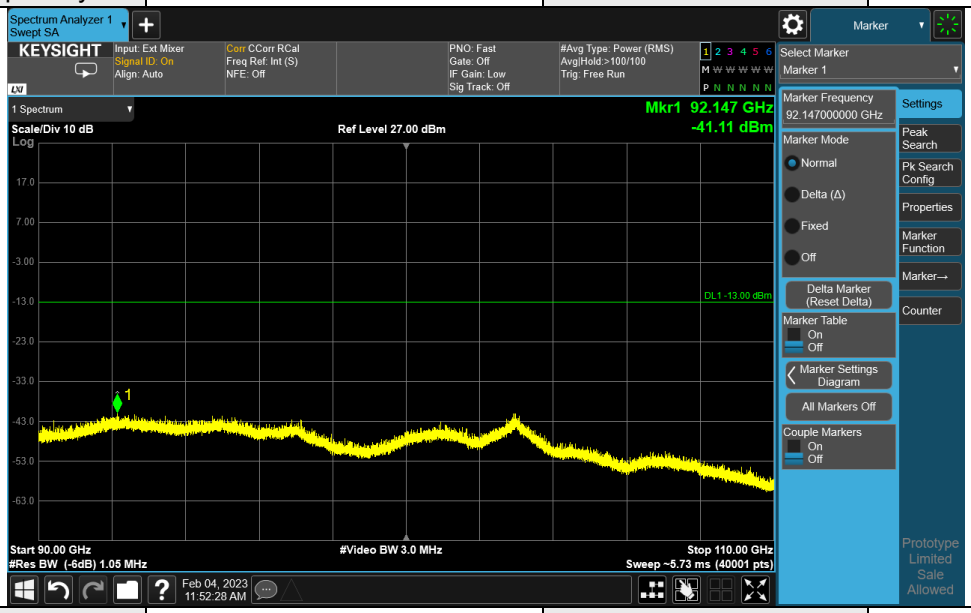
Band	n261	Beam ID	167+39
Frequency Range	90GHz-110GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



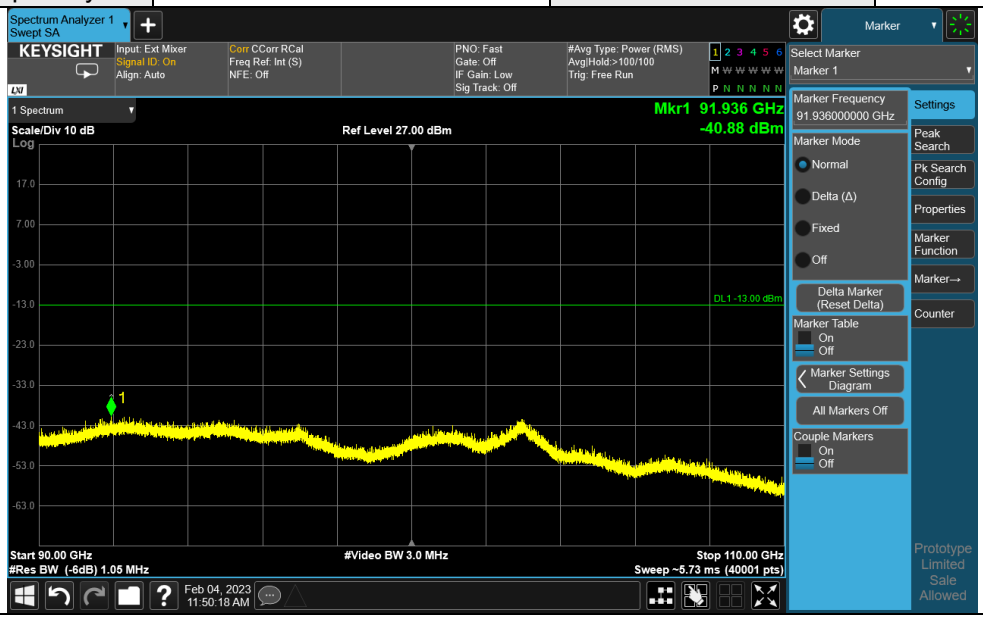
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	90GHz-110GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



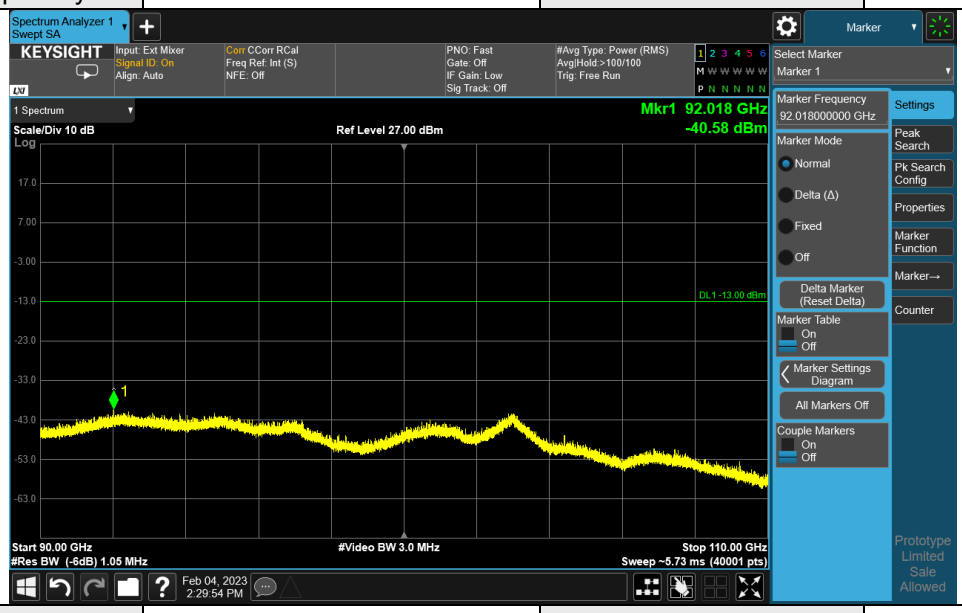
Band	n261	Beam ID	167+39
Frequency Range	90GHz-110GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



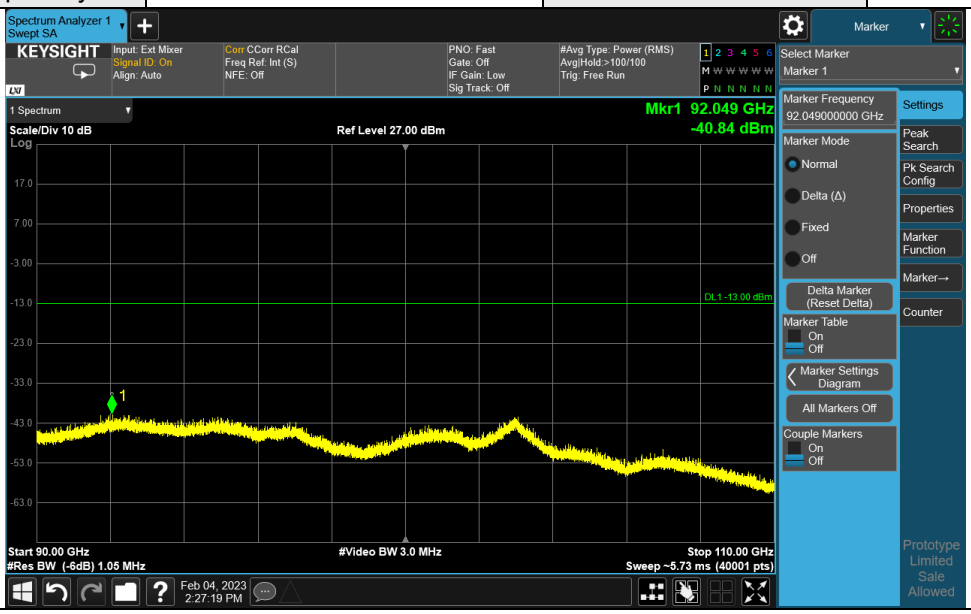
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	90GHz-110GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



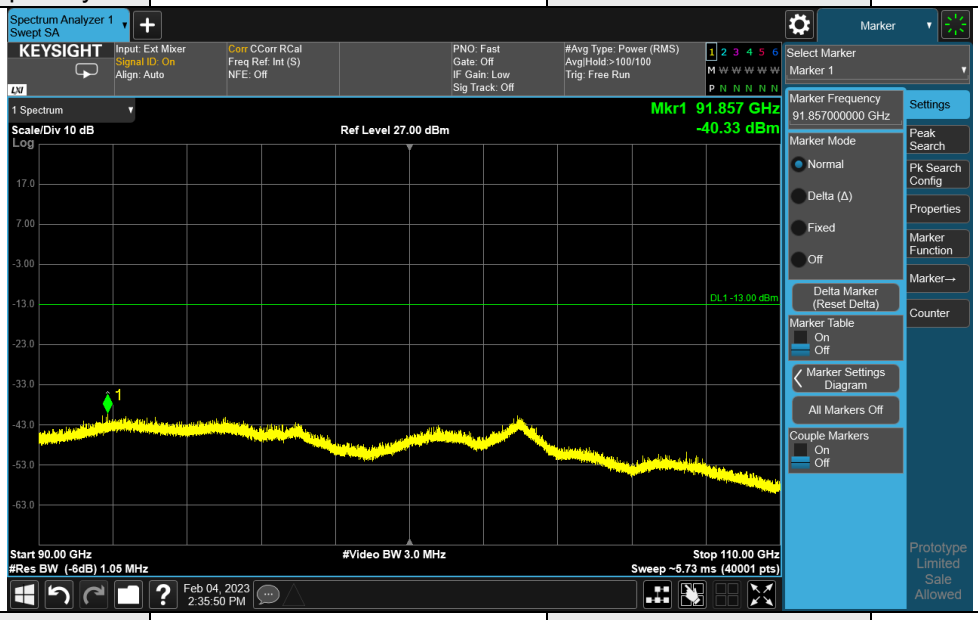
Band	n261	Beam ID	155+27
Frequency Range	90GHz-110GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



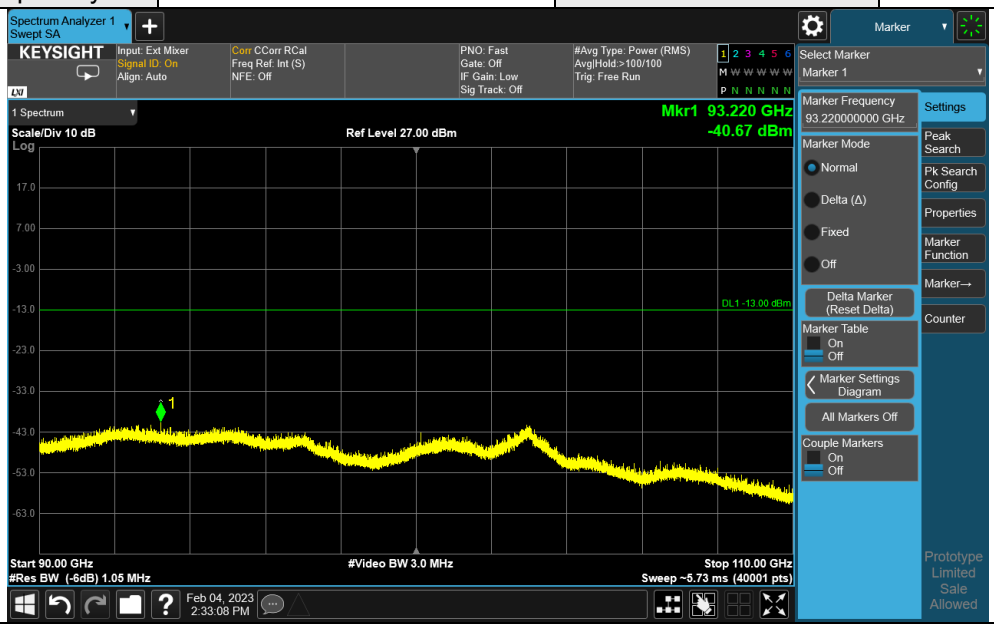
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	90GHz-110GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



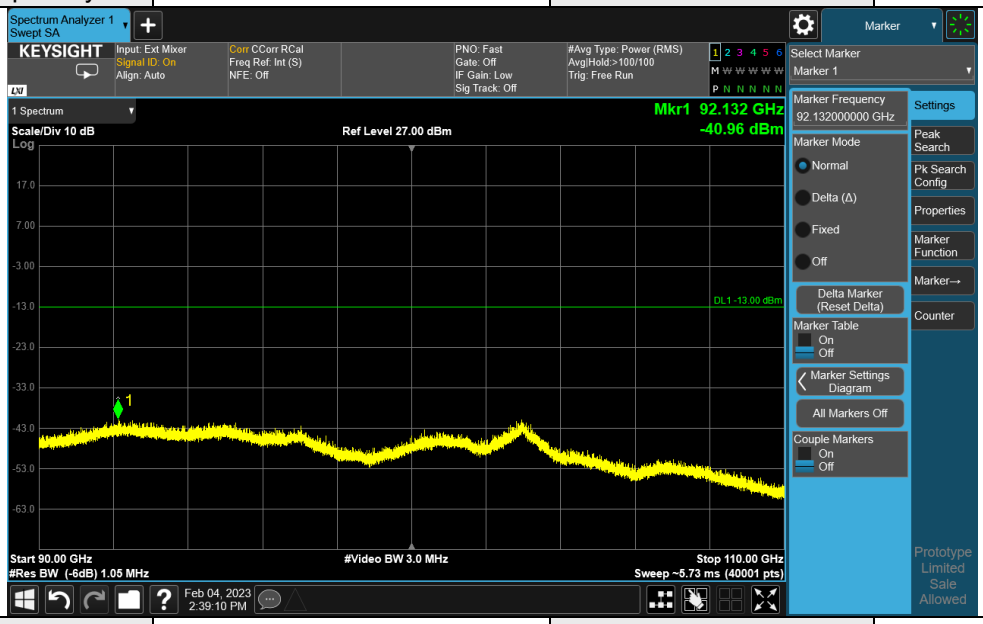
Band	n261	Beam ID	155+27
Frequency Range	90GHz-110GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



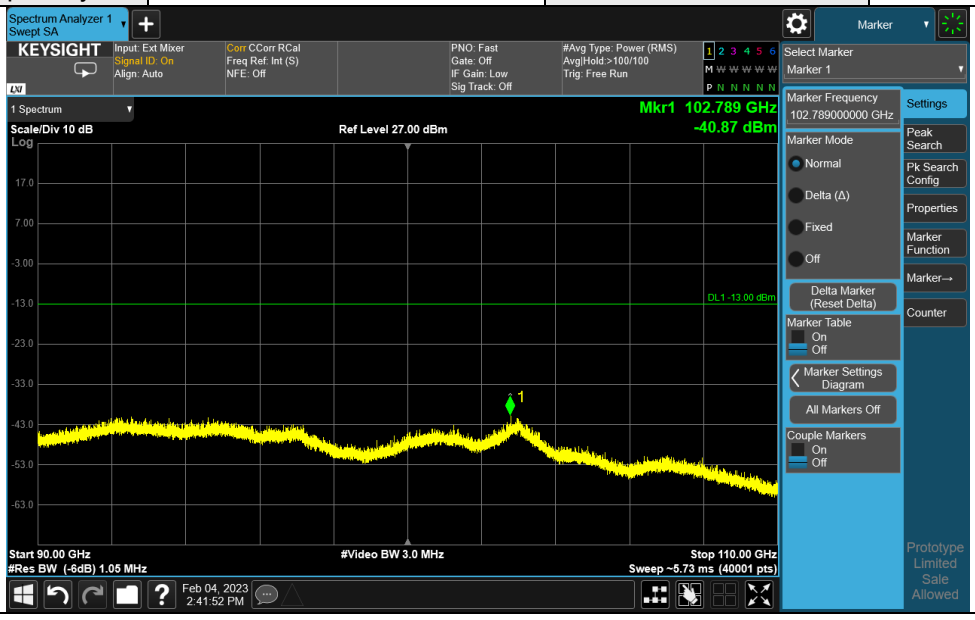
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	90GHz-110GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	155+27
Frequency Range	90GHz-110GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

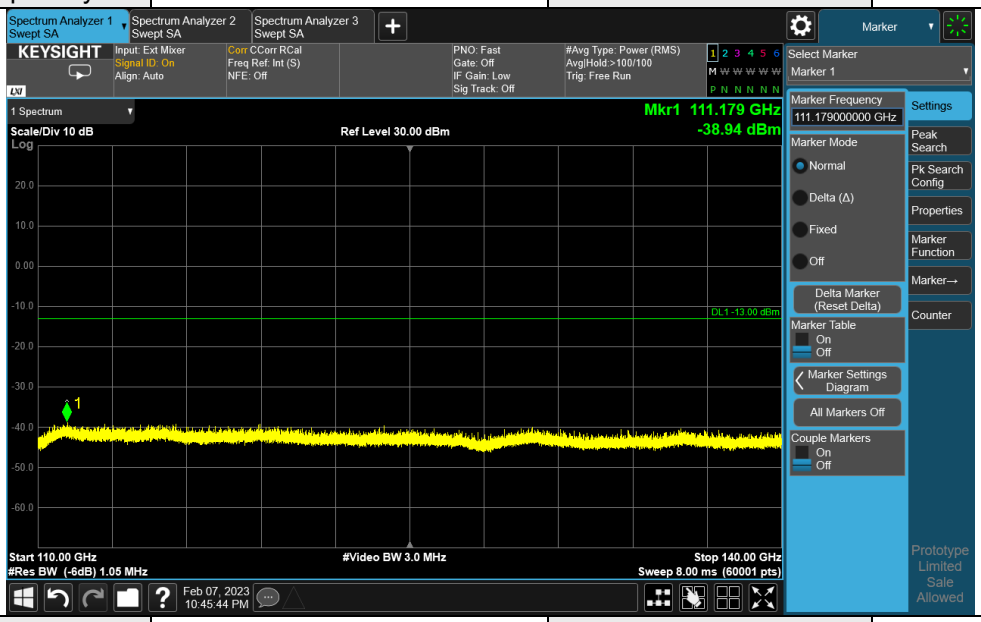
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

110GHz ~ 140GHz:

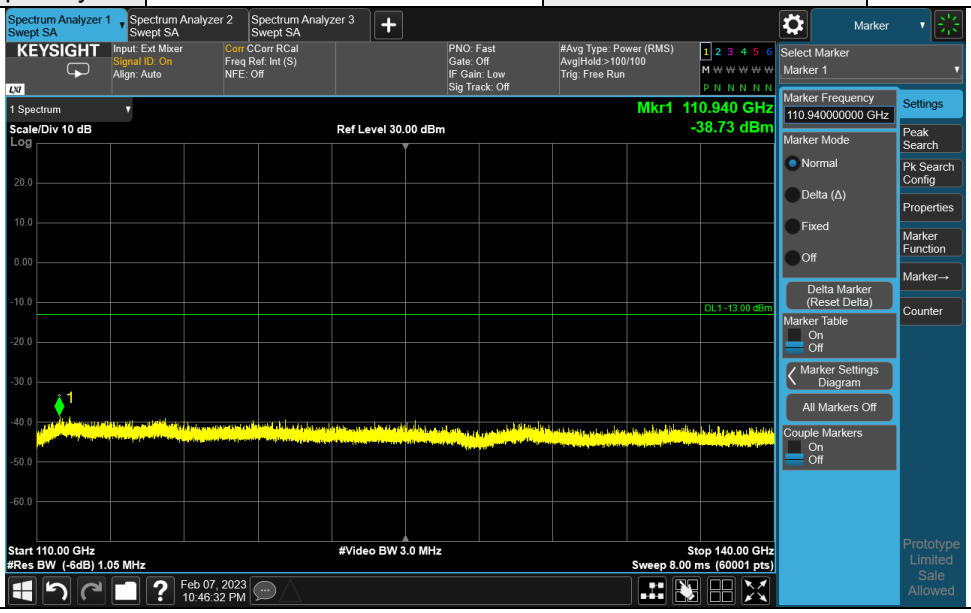
	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam167+39 LowH	111.179	-38.94	-13	-25.94	134	86	-71.63	32.69
Beam167+39 LowV	110.94	-38.73	-13	-25.73	140	294	-72.39	33.66
Beam167+39 MidH	112.435	-38.99	-13	-25.99	102	104	-71.56	32.57
Beam167+39 MidV	111.583	-37.88	-13	-24.88	156	279	-70.45	32.57
Beam167+39 HighH	111.805	-38.47	-13	-25.47	130	78	-71.04	32.57
Beam167+39 HighV	110.872	-38.88	-13	-25.88	161	307	-71.57	32.69

	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam155+27 LowH	111.059	-38.4	-13	-25.4	163	171	-71.09	32.69
Beam155+27 LowV	111.018	-38.94	-13	-25.94	138	196	-71.63	32.69
Beam155+27 MidH	114.822	-39.01	-13	-26.01	174	167	-72.07	33.06
Beam155+27 MidV	111.017	-38.66	-13	-25.66	103	213	-71.35	32.69
Beam155+27 HighH	112.865	-38.69	-13	-25.69	151	133	-71.15	32.46
Beam155+27 HighV	110.781	-38.19	-13	-25.19	107	204	-70.88	32.69

Band	n261	Beam ID	167+39
Frequency Range	110GHz-140GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



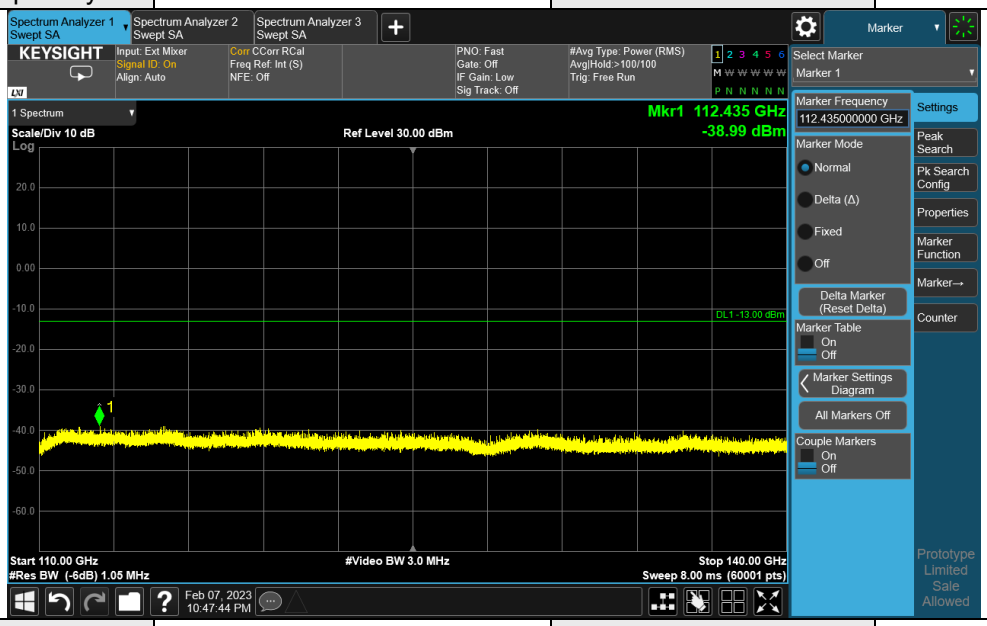
Band	n261	Beam ID	167+39
Frequency Range	110GHz-140GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



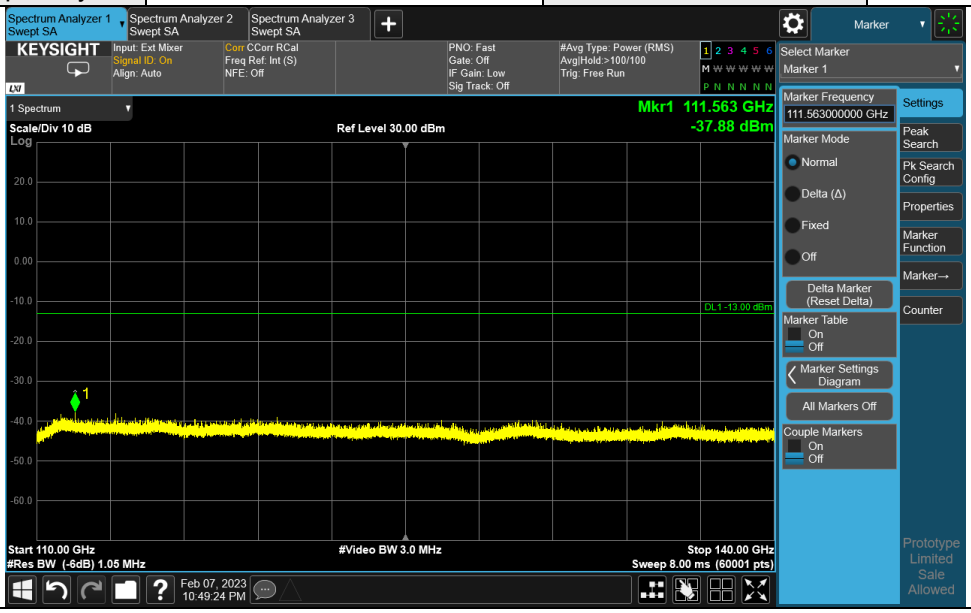
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	110GHz-140GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



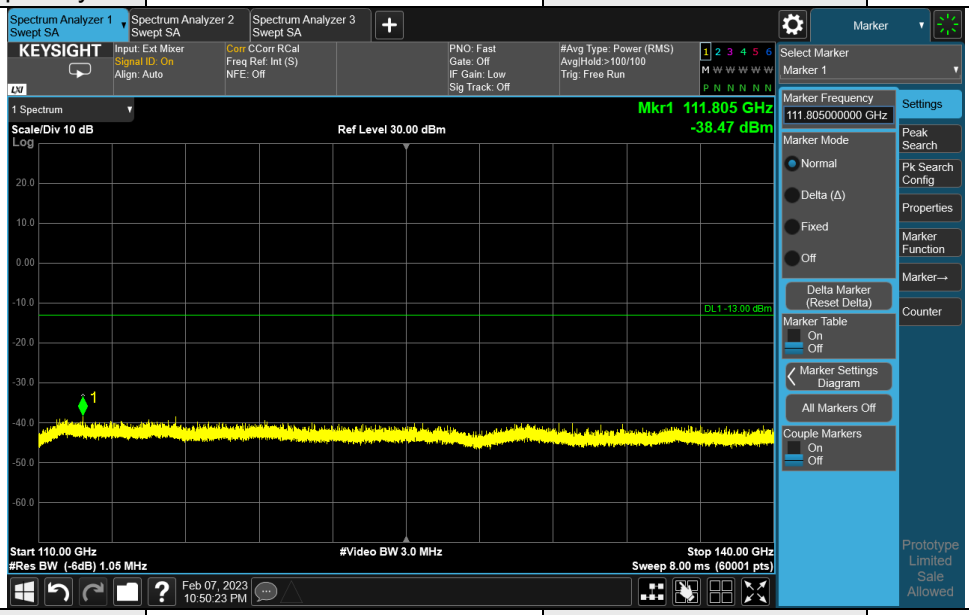
Band	n261	Beam ID	167+39
Frequency Range	110GHz-140GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



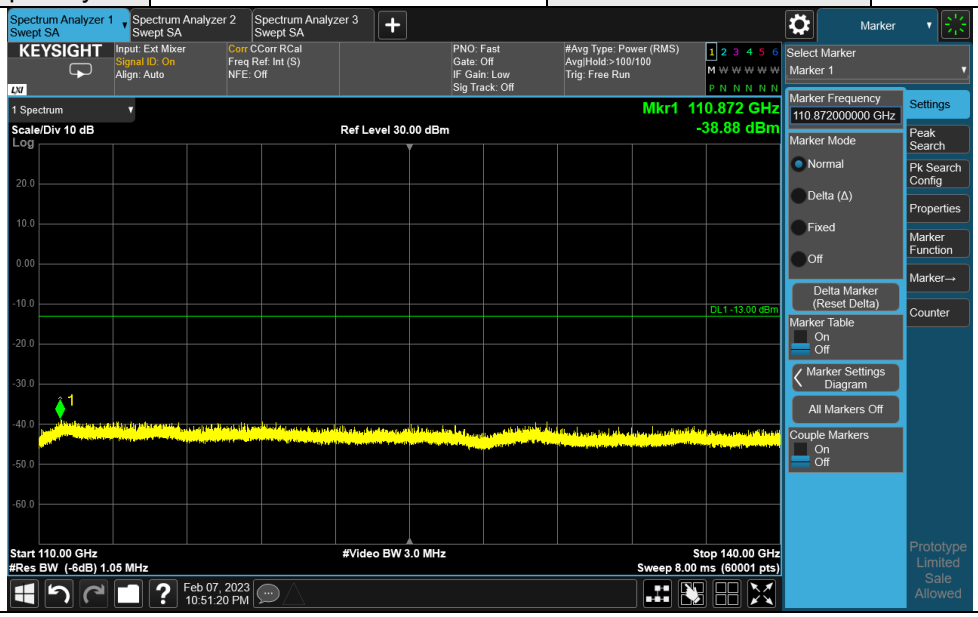
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	110GHz-140GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



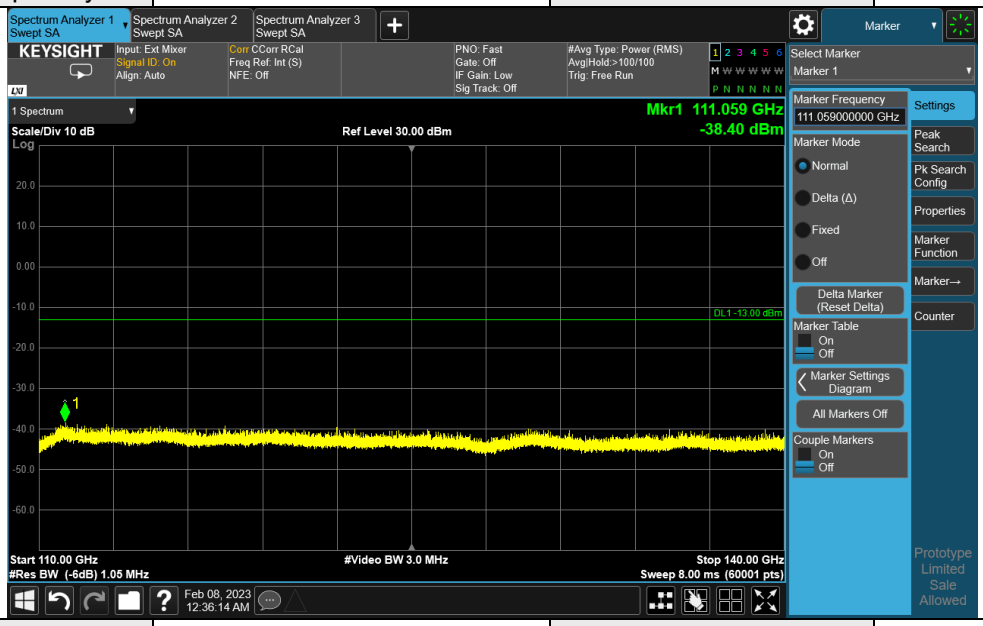
Band	n261	Beam ID	167+39
Frequency Range	110GHz-140GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



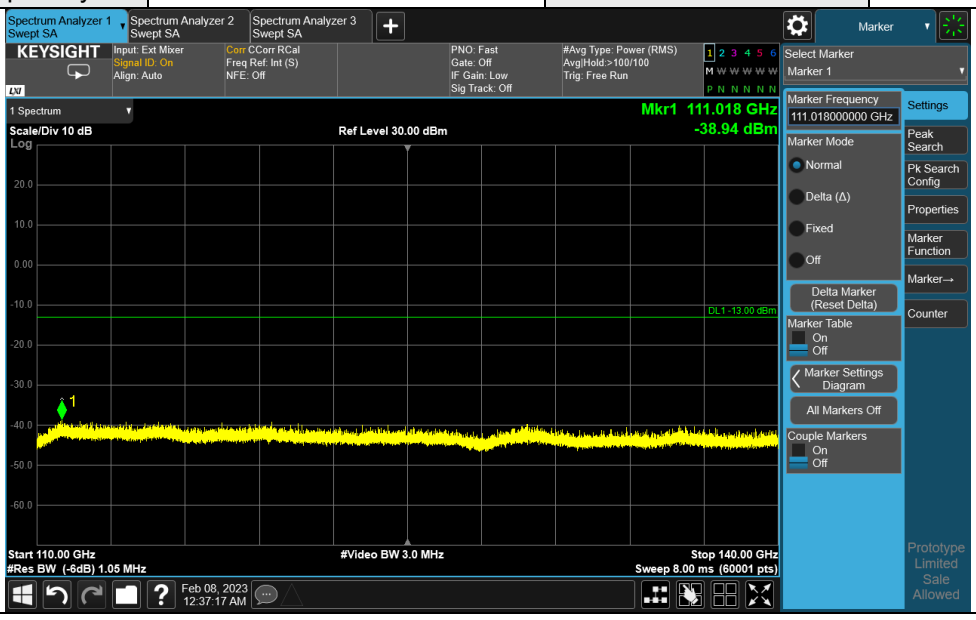
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	110GHz-140GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



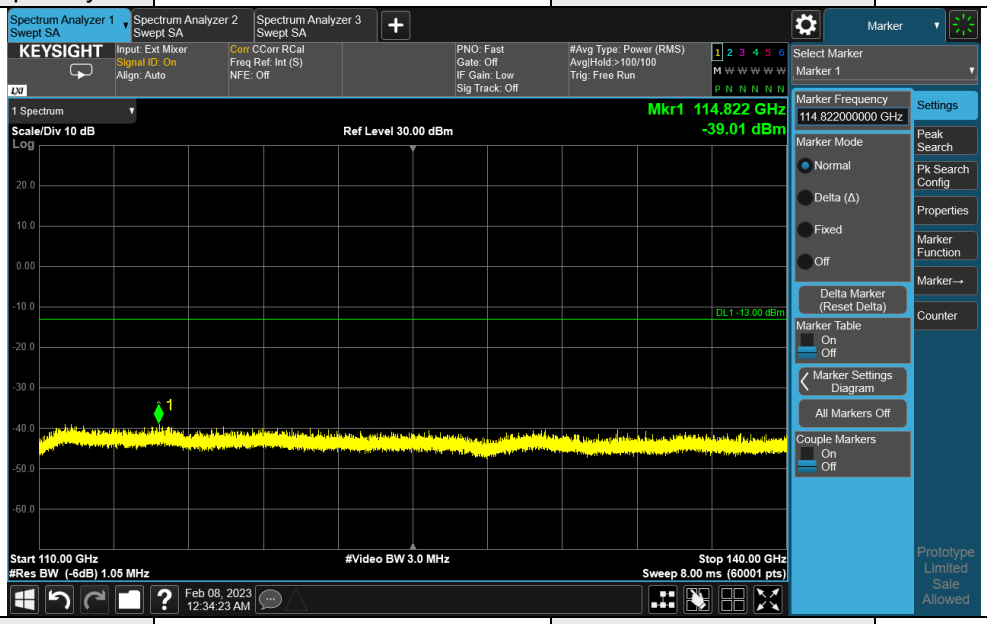
Band	n261	Beam ID	155+27
Frequency Range	110GHz-140GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



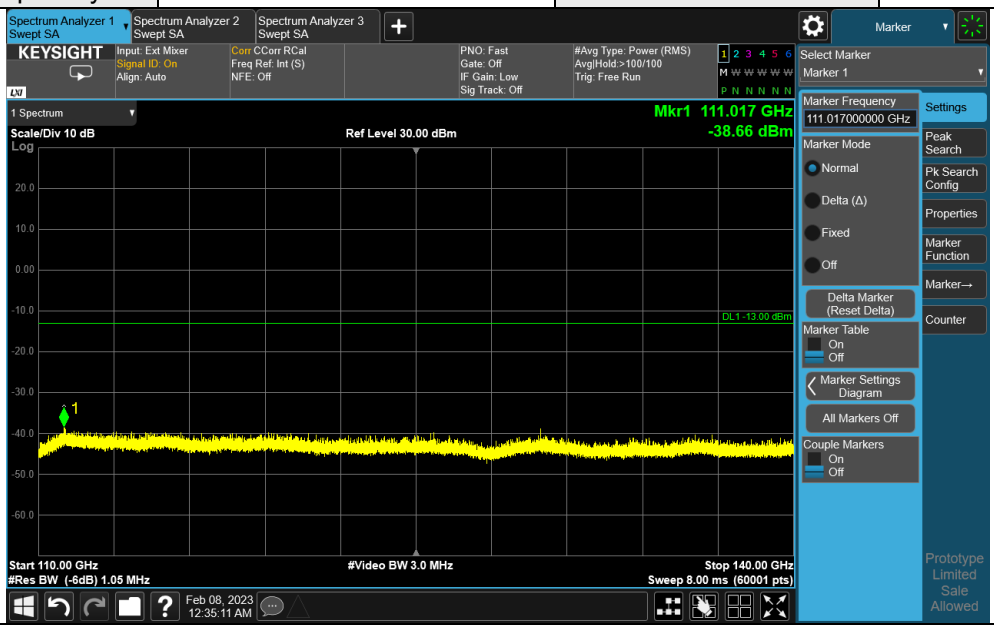
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	110GHz-140GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



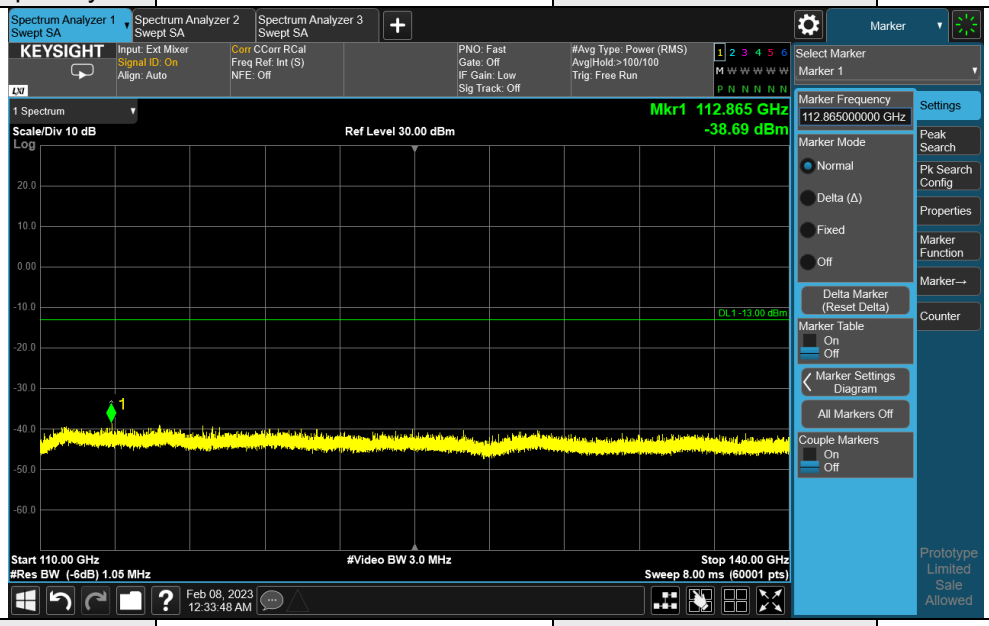
Band	n261	Beam ID	155+27
Frequency Range	110GHz-140GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



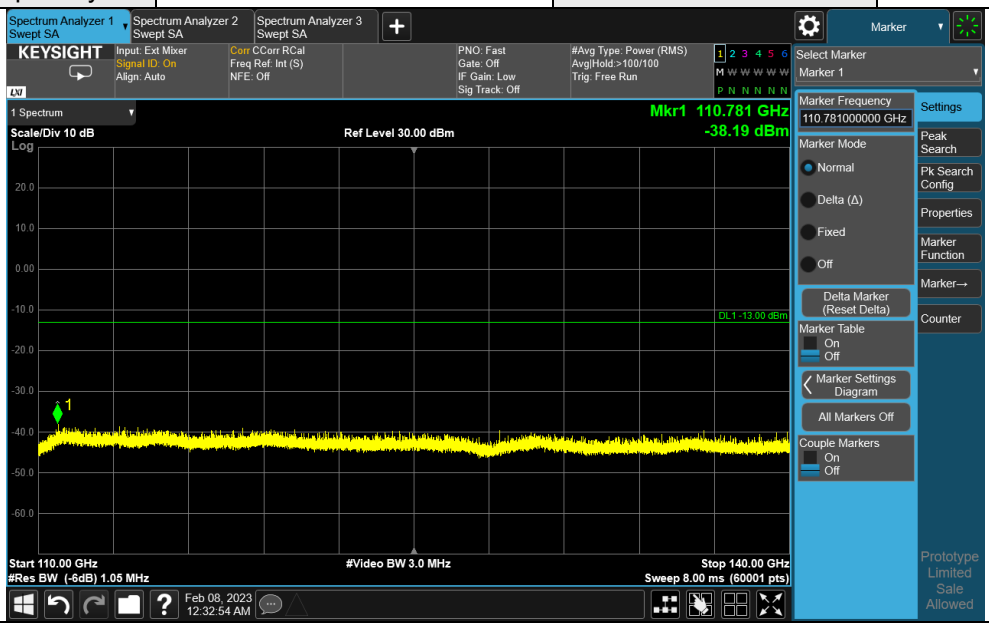
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	110GHz-140GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	155+27
Frequency Range	110GHz-140GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

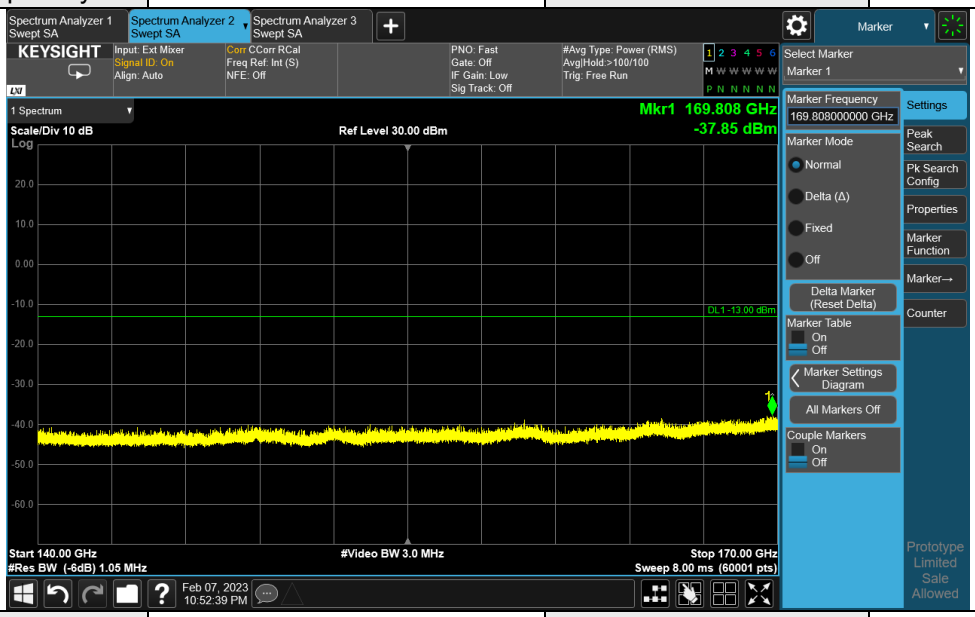
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

140GHz ~ 170GHz:

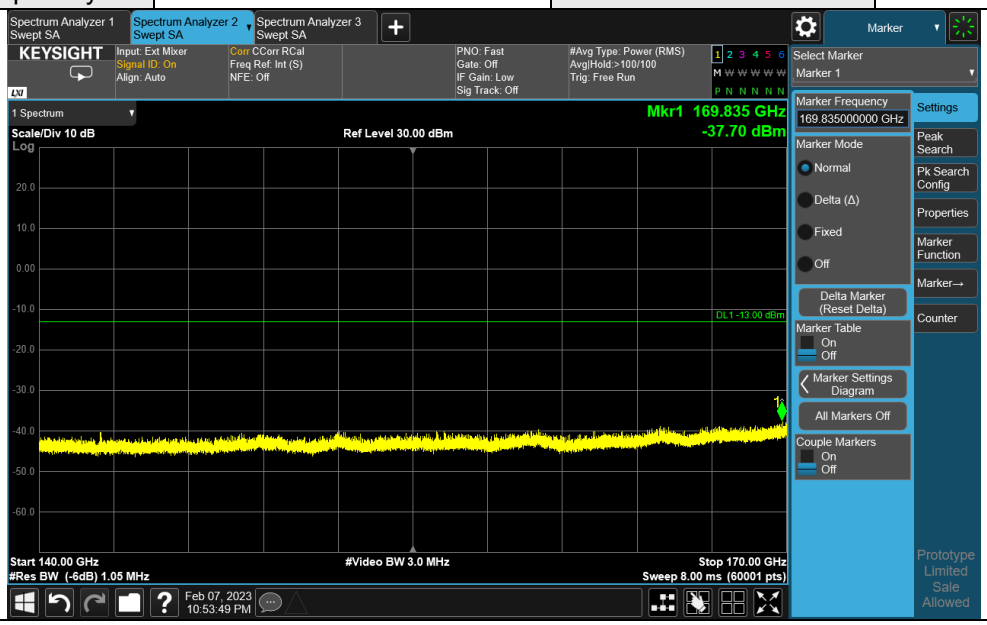
	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam167+39 LowH	169.808	-37.85	-13	-24.85	123	89	-75.62	37.77
Beam167+39 LowV	169.835	-37.7	-13	-24.7	115	302	-75.47	37.77
Beam167+39 MidH	165.045	-37.96	-13	-24.96	134	102	-74.55	36.59
Beam167+39 MidV	169.852	-37.22	-13	-24.22	141	281	-74.99	37.77
Beam167+39 HighH	169.256	-38.09	-13	-25.09	115	110	-75.5	37.41
Beam167+39 HighV	169.87	-37.51	-13	-24.51	109	319	-75.28	37.77

	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam155+27 LowH	169.751	-37.56	-13	-24.56	171	133	-75.33	37.77
Beam155+27 LowV	169.729	-36.97	-13	-23.97	135	215	-74.74	37.77
Beam155+27 MidH	169.599	-37.77	-13	-24.77	165	180	-75.54	37.77
Beam155+27 MidV	169.932	-38.49	-13	-25.49	100	242	-76.26	37.77
Beam155+27 HighH	168.099	-38.17	-13	-25.17	193	143	-75.56	37.39
Beam155+27 HighV	168.848	-37.19	-13	-24.19	114	221	-74.6	37.41

Band	n261	Beam ID	167+39
Frequency Range	140GHz-170GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



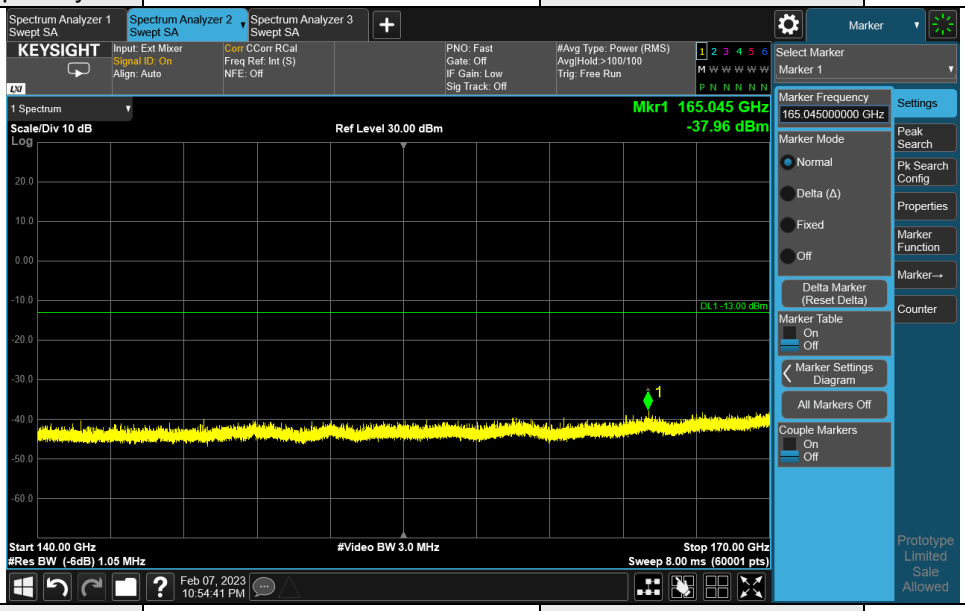
Band	n261	Beam ID	167+39
Frequency Range	140GHz-170GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



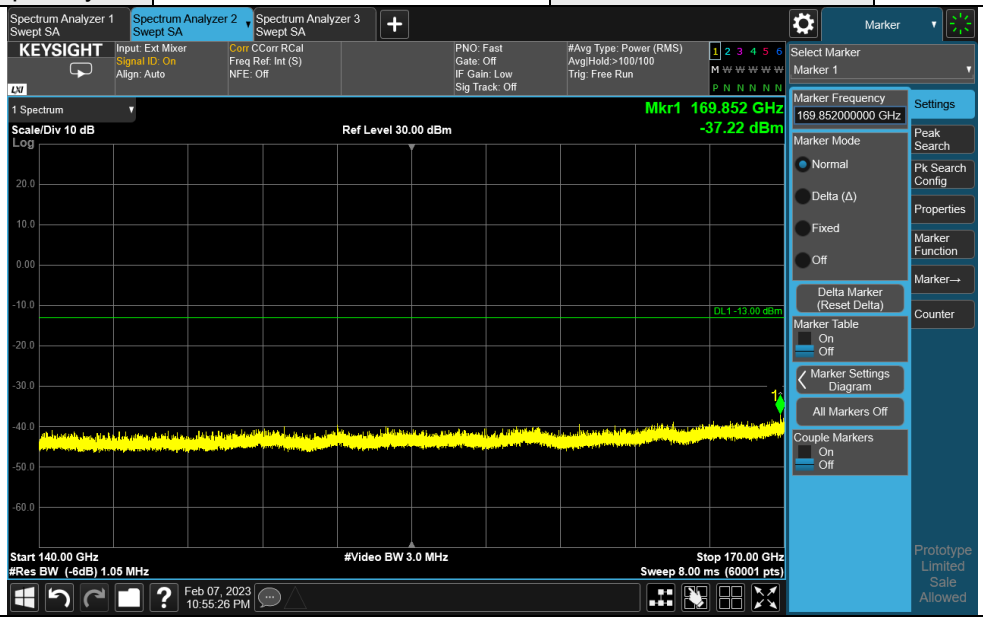
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	140GHz-170GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



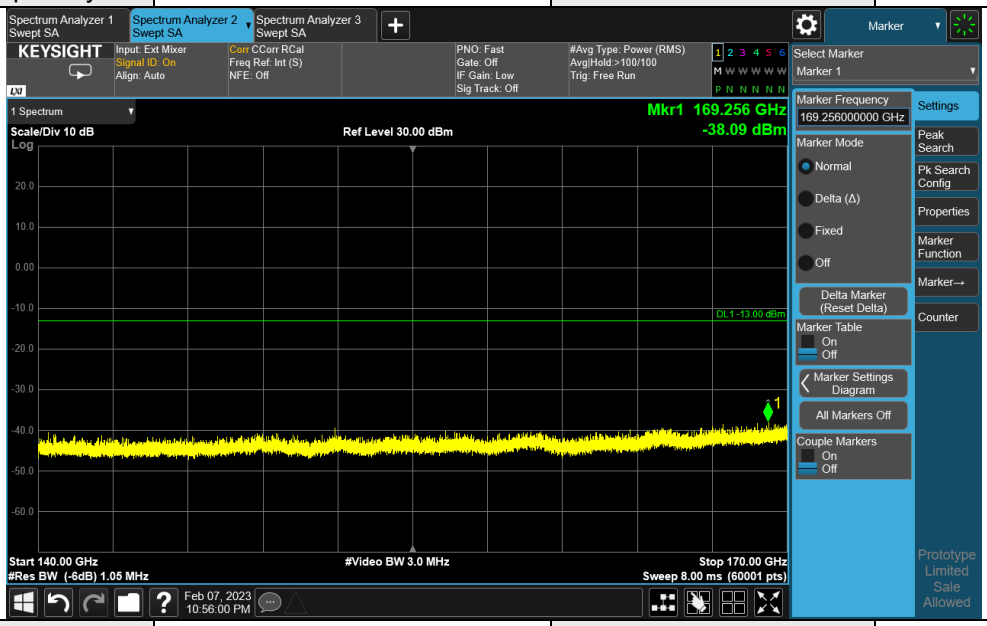
Band	n261	Beam ID	167+39
Frequency Range	140GHz-170GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



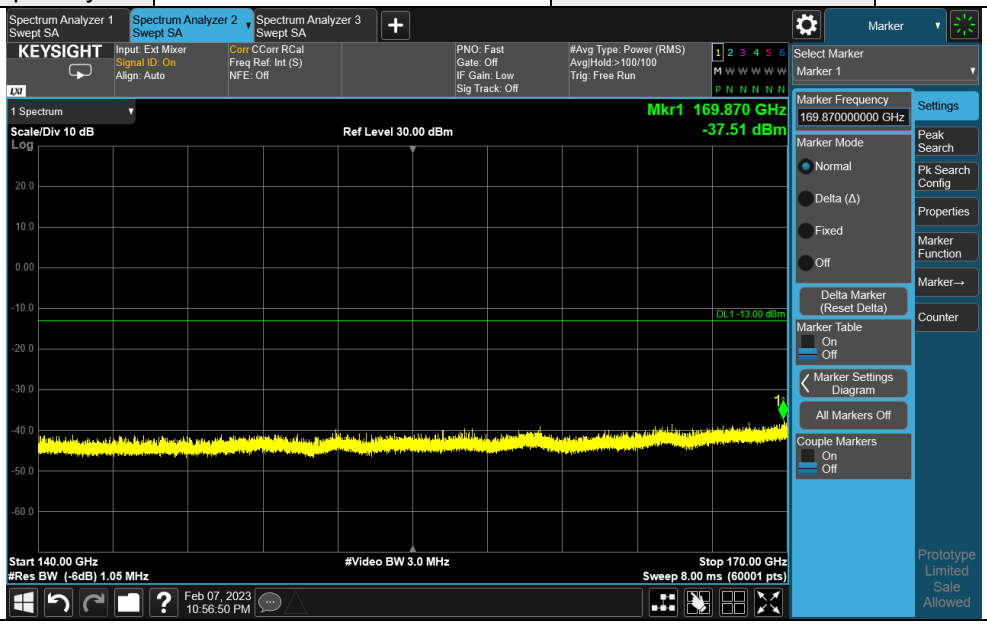
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	140GHz-170GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



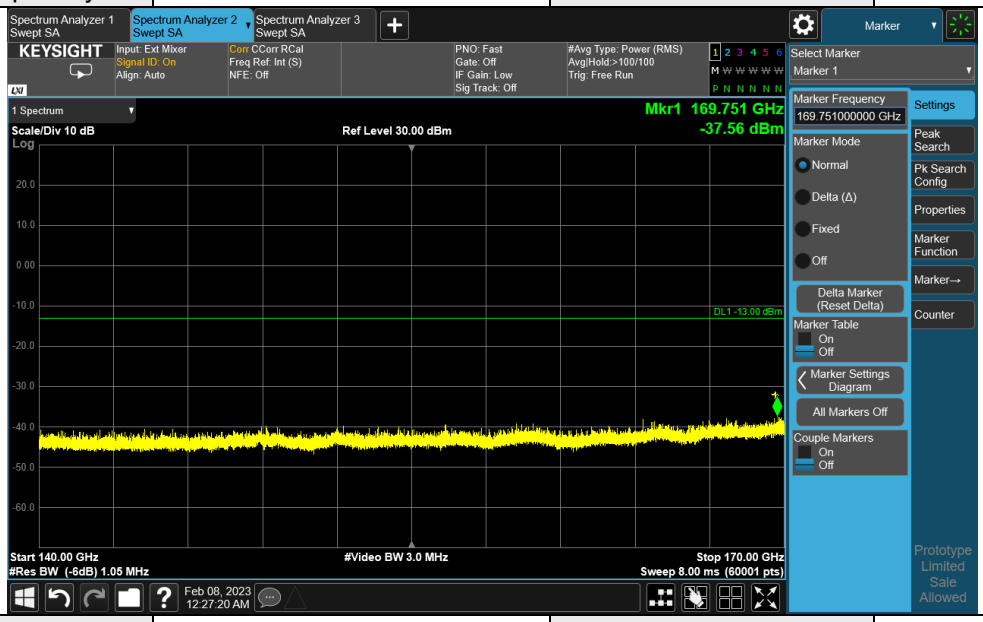
Band	n261	Beam ID	167+39
Frequency Range	140GHz-170GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



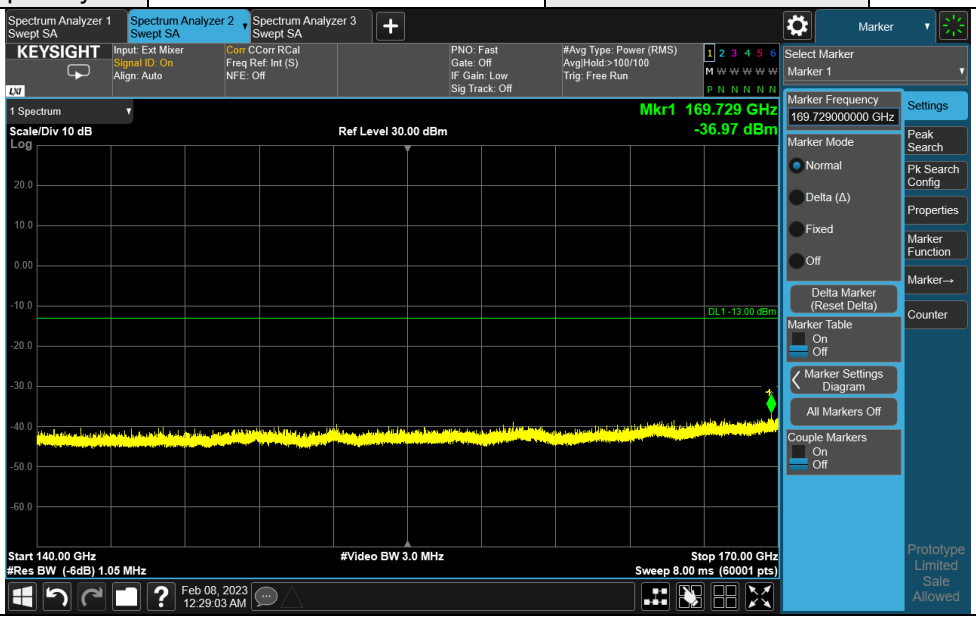
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	140GHz-170GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



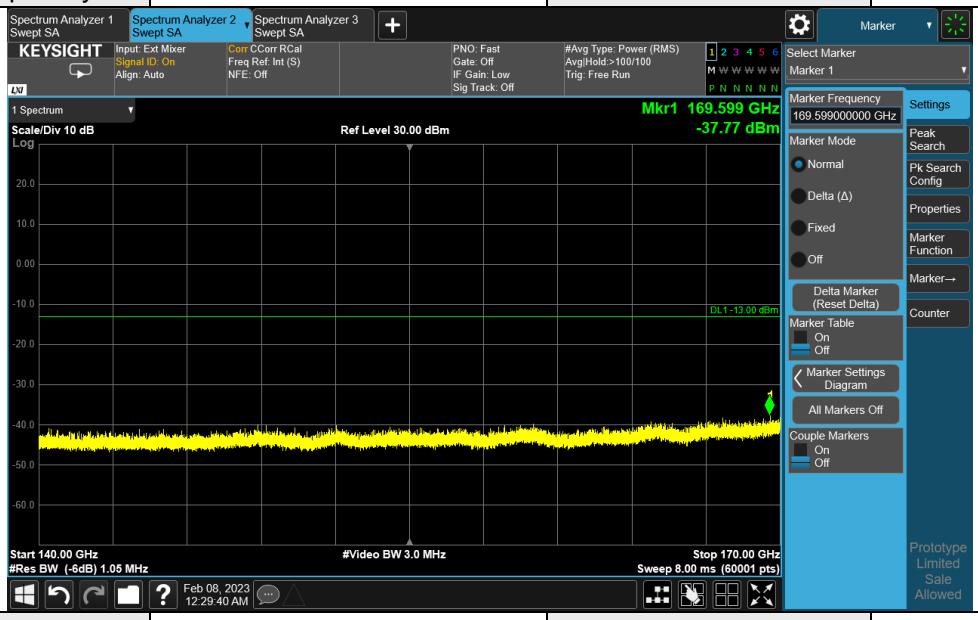
Band	n261	Beam ID	155+27
Frequency Range	140GHz-170GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



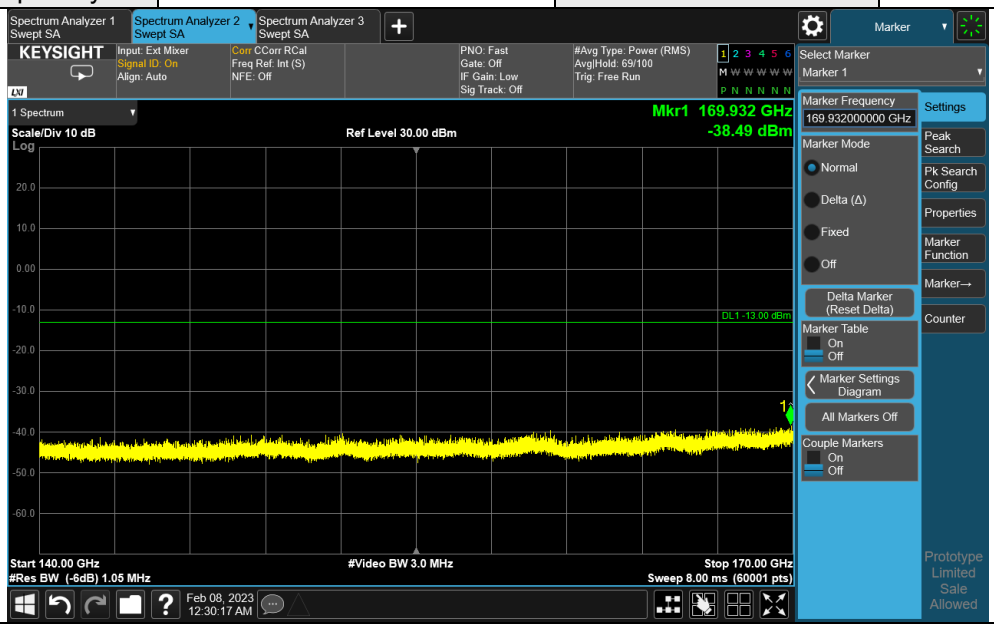
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	140GHz-170GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



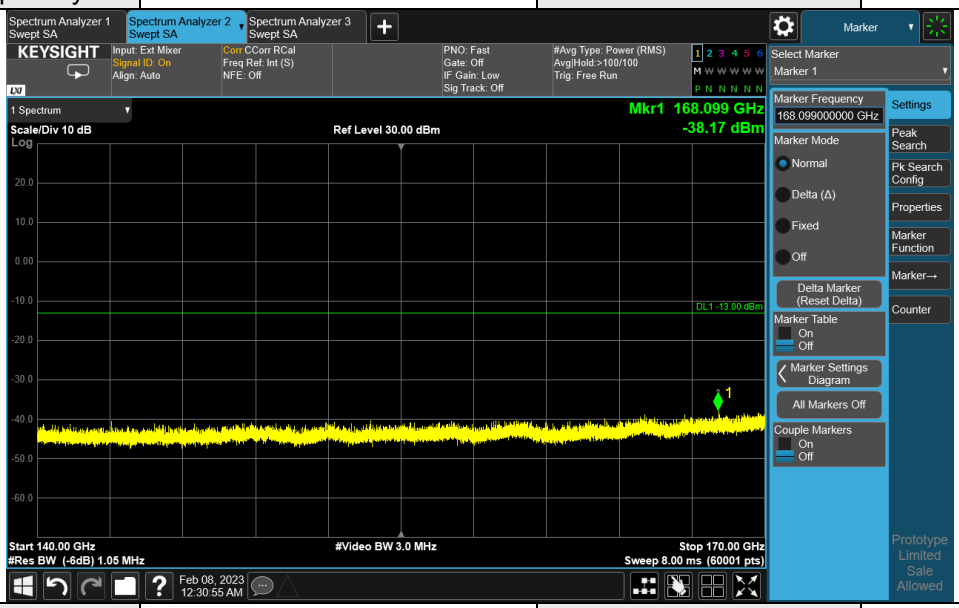
Band	n261	Beam ID	155+27
Frequency Range	140GHz-170GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



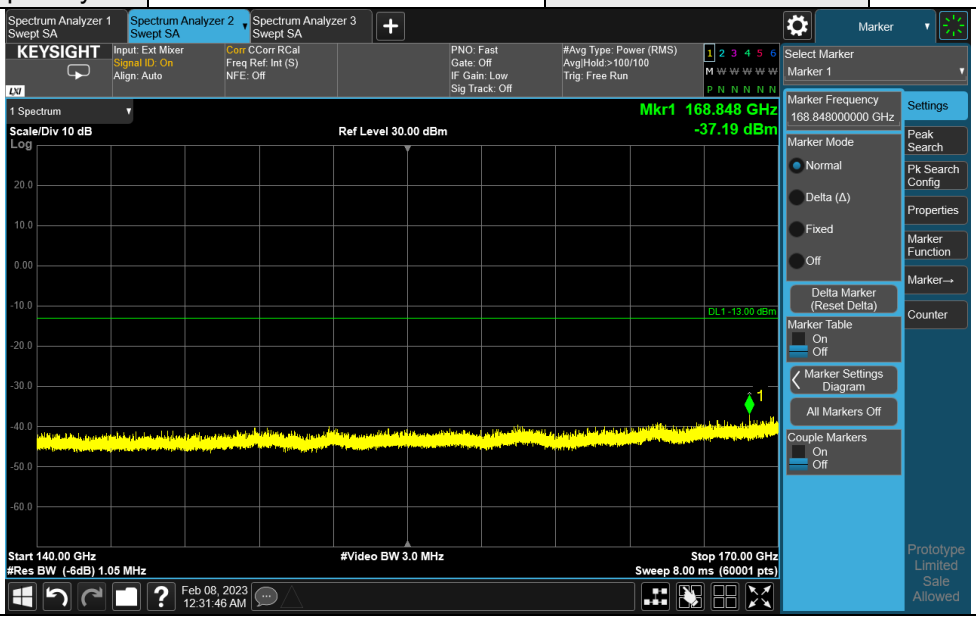
Note:

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.

Band	n261	Beam ID	155+27
Frequency Range	140GHz-170GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	155+27
Frequency Range	140GHz-170GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

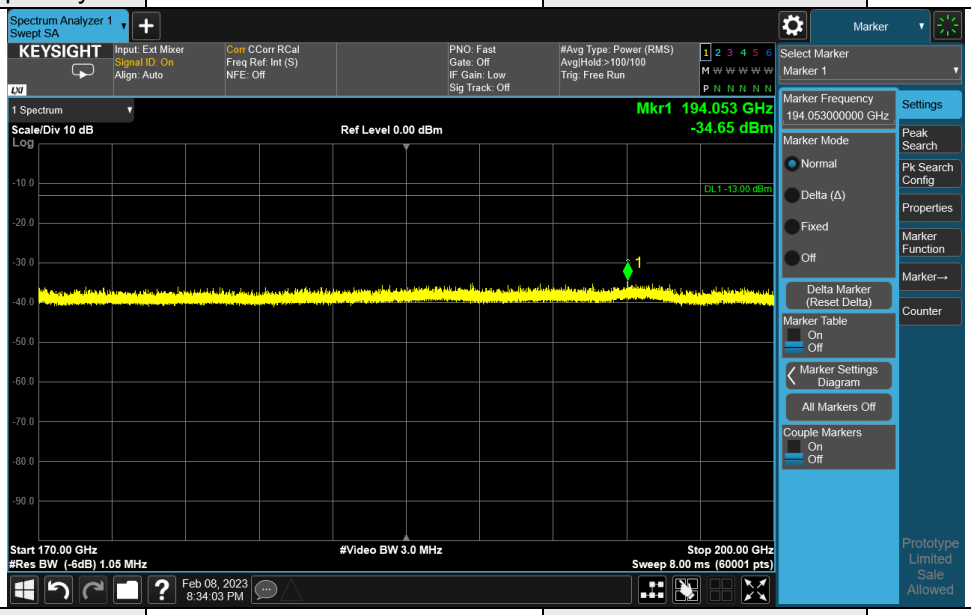
1. The test results already include the correction factor (corrections: On).
2. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) + Harmonic Mixer Conversion Loss (dB).
3. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8.

170GHz ~ 200GHz:

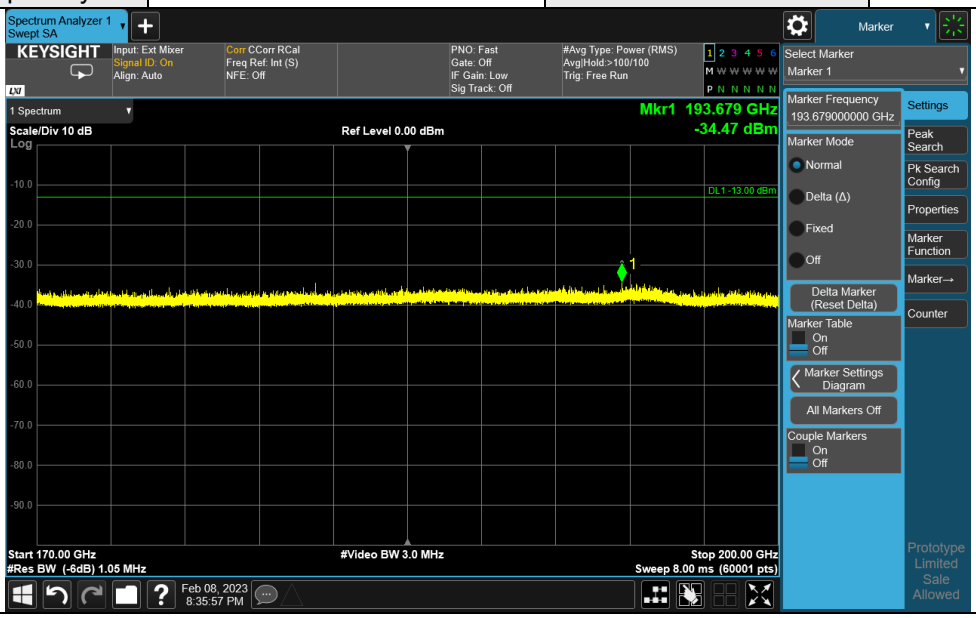
	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam167+39 LowH	194.053	-34.65	-13	-21.65	112	78	-94.97	60.32
Beam167+39 LowV	193.679	-34.47	-13	-21.47	116	289	-94.79	60.32
Beam167+39 MidH	195.063	-35	-13	-22	126	110	-95.24	60.24
Beam167+39 MidV	194.507	-34.55	-13	-21.55	121	314	-94.79	60.24
Beam167+39 HighH	193.643	-34.78	-13	-21.78	121	101	-95.1	60.32
Beam167+39 HighV	193.91	-35.25	-13	-22.25	119	280	-95.57	60.32

	Frequency (GHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)	Raw Value (dBm)	Correction Factor (dB/m)
Beam155+27 LowH	186.191	-35.03	-13	-22.03	198	175	-94.91	59.88
Beam155+27 LowV	195.223	-34.84	-13	-21.84	112	214	-95.08	60.24
Beam155+27 MidH	194.687	-34.67	-13	-21.67	178	167	-94.91	60.24
Beam155+27 MidV	198.019	-34.8	-13	-21.8	153	231	-94.07	59.27
Beam155+27 HighH	192.092	-34.66	-13	-21.66	168	172	-94.43	59.77
Beam155+27 HighV	194.529	-34.52	-13	-21.52	136	237	-94.76	60.24

Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



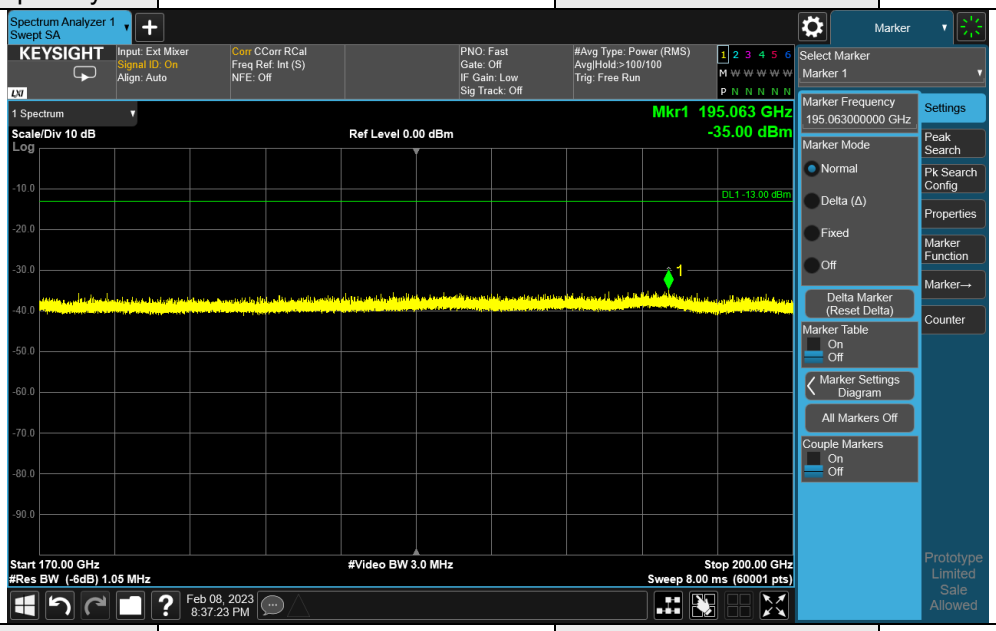
Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



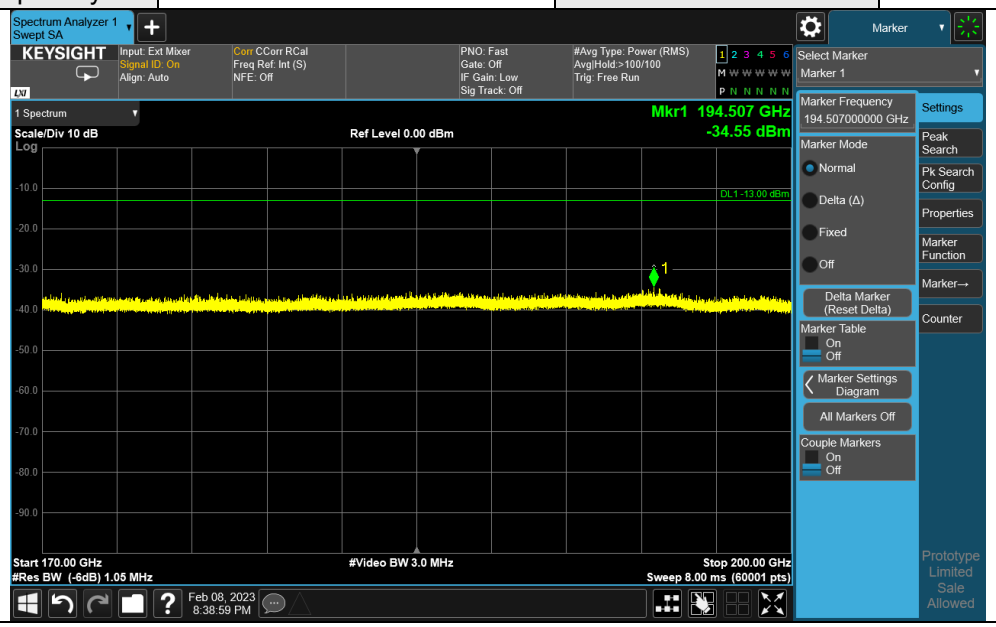
Note:

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.

Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Band	n261	Beam ID	167+39
Frequency Range	170GHz-200GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



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.