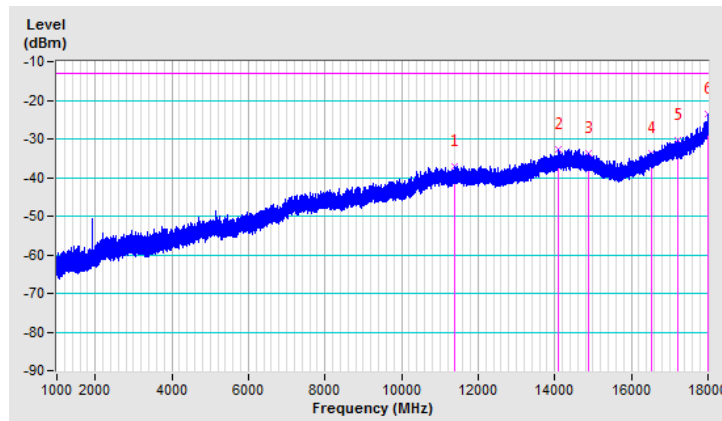


Beam ID	34+162	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Horizontal

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	11370.85	-37.03	-13.00	-24.03	2.00 H	6	36.96	-73.99
2	14091.70	-32.78	-13.00	-19.78	1.00 H	11	37.50	-70.28
3	14880.50	-33.68	-13.00	-20.68	1.00 H	15	36.61	-70.29
4	16523.97	-33.57	-13.00	-20.57	1.50 H	122	36.65	-70.22
5	17204.83	-30.18	-13.00	-17.18	1.50 H	28	37.30	-67.48
6	17986.83	-23.67	-13.00	-10.67	1.50 H	105	37.99	-61.66

Remarks:

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

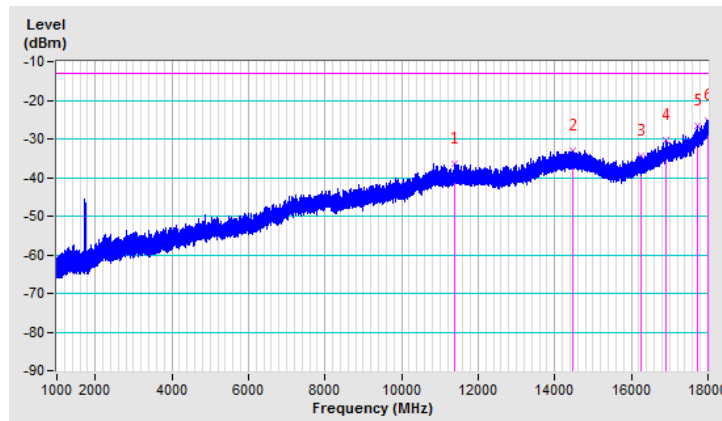


Beam ID	34+162	Frequency Range	1GHz ~ 18GHz
Channel	Mid	Polarity	Vertical

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	11377.23	-36.54	-13.00	-23.54	2.00 V	113	37.43	-73.97
2	14482.27	-33.03	-13.00	-20.03	1.50 V	44	36.59	-69.62
3	16243.48	-34.30	-13.00	-21.30	1.50 V	209	37.32	-71.62
4	16919.22	-30.25	-13.00	-17.25	1.00 V	44	38.03	-68.28
5	17721.62	-26.72	-13.00	-13.72	1.00 V	340	37.93	-64.65
6	17997.45	-25.11	-13.00	-12.11	1.50 V	157	36.35	-61.46

Remarks:

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

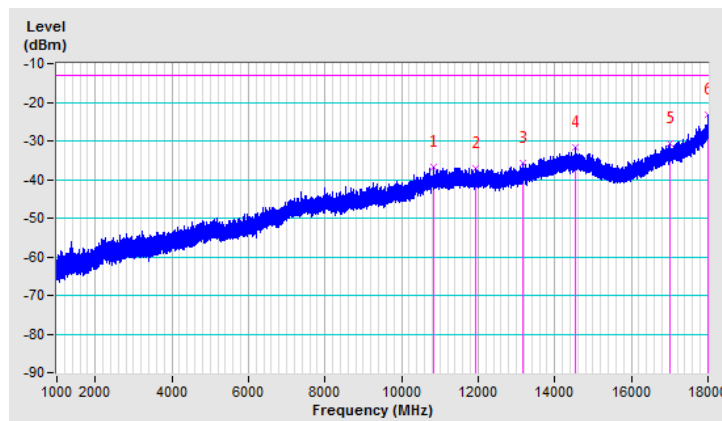


Beam ID	34+162	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Horizontal

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	10845.55	-36.90	-13.00	-23.90	1.00 H	98	37.26	-74.16
2	11946.30	-37.28	-13.00	-24.28	1.50 H	63	36.78	-74.06
3	13169.02	-35.61	-13.00	-22.61	1.00 H	158	37.62	-73.23
4	14523.92	-31.57	-13.00	-18.57	2.00 H	141	38.01	-69.58
5	16992.75	-30.57	-13.00	-17.57	1.50 H	28	37.57	-68.14
6	17996.17	-23.25	-13.00	-10.25	1.50 H	351	38.23	-61.48

Remarks:

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

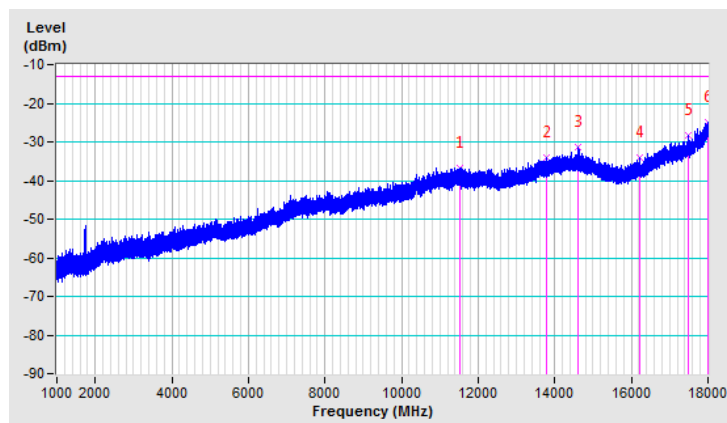


Beam ID	34+162	Frequency Range	1GHz ~ 18GHz
Channel	High	Polarity	Vertical

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	11534.90	-36.72	-13.00	-23.72	1.00 V	11	37.10	-73.82
2	13798.87	-34.04	-13.00	-21.04	1.00 V	11	37.33	-71.37
3	14617.00	-31.19	-13.00	-18.19	1.50 V	7	38.43	-69.62
4	16216.70	-34.16	-13.00	-21.16	2.00 V	262	37.46	-71.62
5	17486.60	-28.27	-13.00	-15.27	1.50 V	176	37.88	-66.15
6	17994.47	-25.07	-13.00	-12.07	1.50 V	219	36.45	-61.52

Remarks:

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



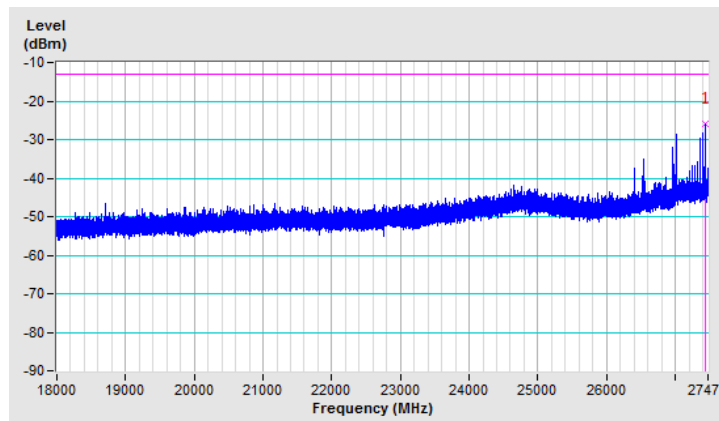
18GHz ~ 27.475GHz:

Beam ID	30	Frequency Range	18GHz ~ 27.475GHz
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	27436.15	-26.10	-13.00	-13.10	1.55 H	175	75.08	-101.18

Remarks:

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

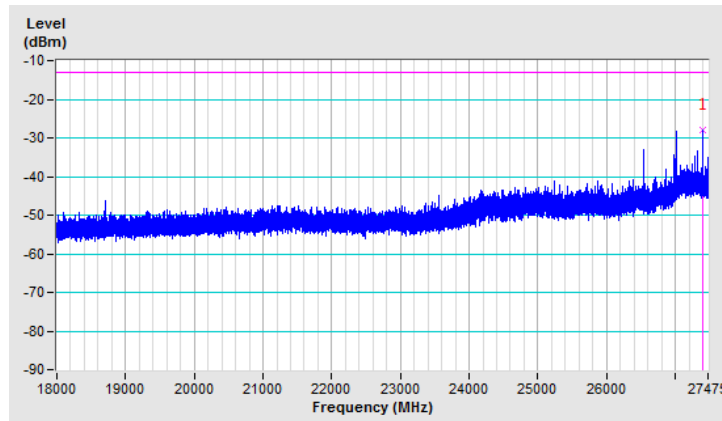


Beam ID	30	Frequency Range	18GHz ~ 27.475GHz
Channel	Low	Polarity	Vertical

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	27405.60	-28.10	-13.00	-15.10	1.75 V	170	73.12	-101.22

Remarks:

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

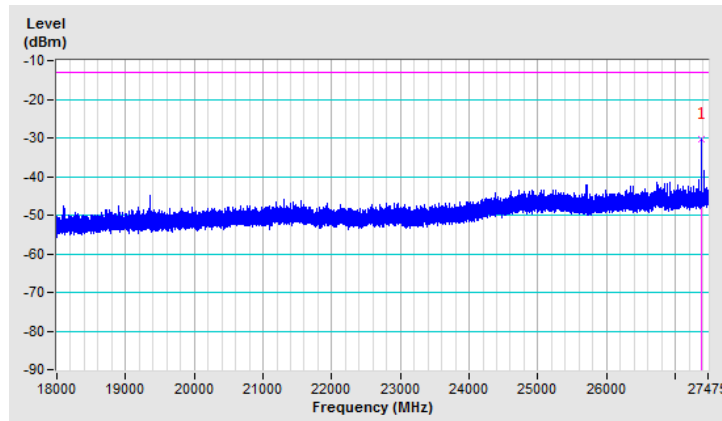


Beam ID	30	Frequency Range	18GHz ~ 27.475GHz
Channel	Mid	Polarity	Horizontal

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	27385.46	-30.50	-13.00	-17.50	1.73 H	148	70.72	-101.22

Remarks:

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

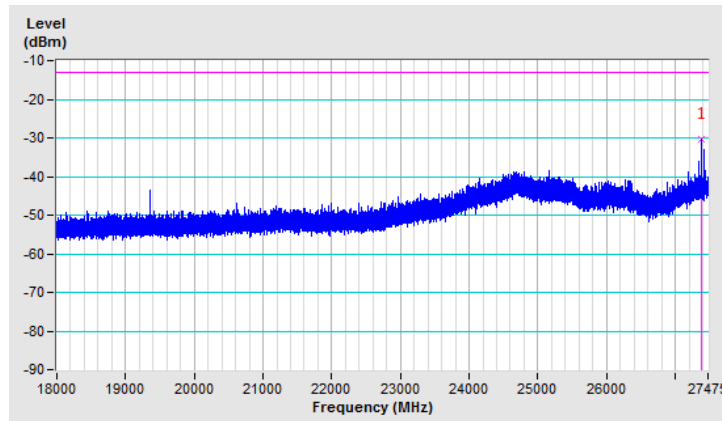


Beam ID	30	Frequency Range	18GHz ~ 27.475GHz
Channel	Mid	Polarity	Vertical

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	27385.22	-30.30	-13.00	-17.30	1.77 V	177	70.92	-101.22

Remarks:

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



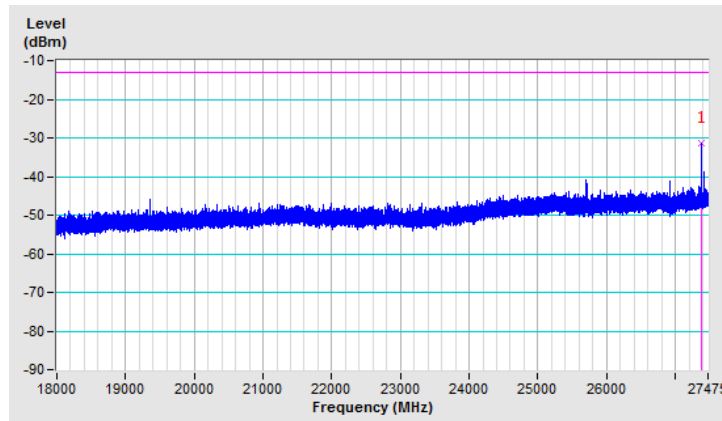


Beam ID	30	Frequency Range	18GHz ~ 27.475GHz
Channel	High	Polarity	Horizontal

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	27385.46	-31.20	-13.00	-18.20	1.73 H	166	70.02	-101.22

Remarks:

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

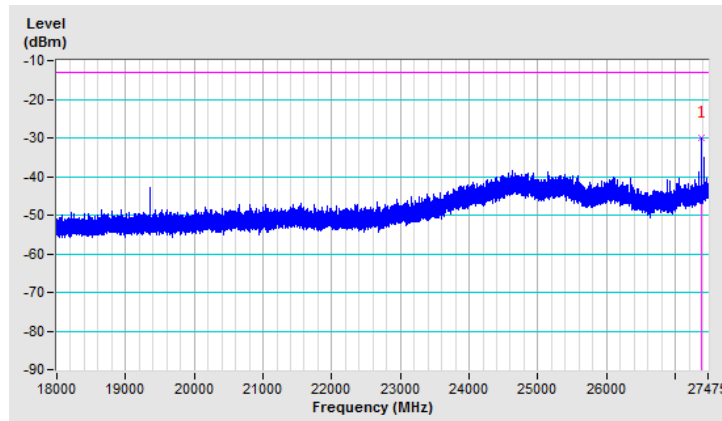


Beam ID	30	Frequency Range	18GHz ~ 27.475GHz
Channel	High	Polarity	Vertical

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	27385.94	-30.10	-13.00	-17.10	1.75 V	161	71.12	-101.22

Remarks:

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

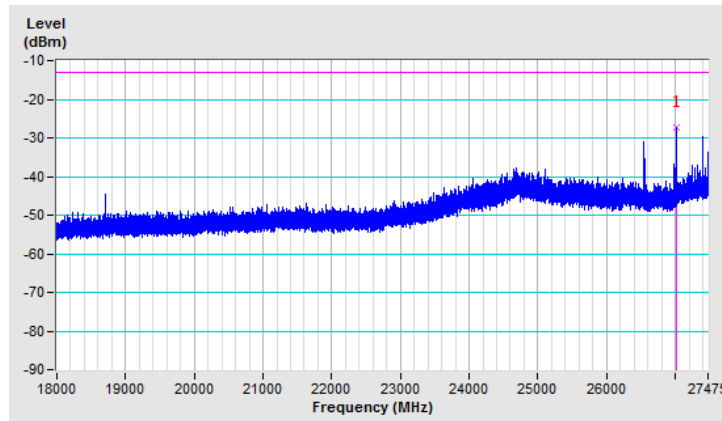


Beam ID	34+162	Frequency Range	18GHz ~ 27.475GHz
Channel	Low	Polarity	Horizontal

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	27008.36	-27.40	-13.00	-14.40	1.70 H	170	74.12	-101.52

Remarks:

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

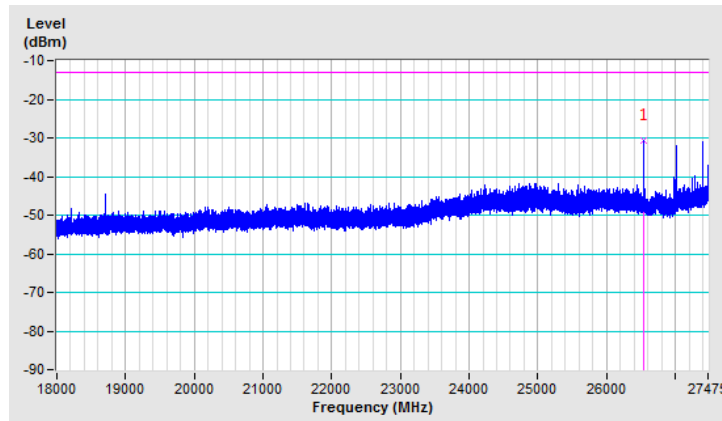


Beam ID	34+162	Frequency Range	18GHz ~ 27.475GHz
Channel	Low	Polarity	Vertical

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	26534.37	-30.80	-13.00	-17.80	1.66 V	174	70.62	-101.42

Remarks:

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

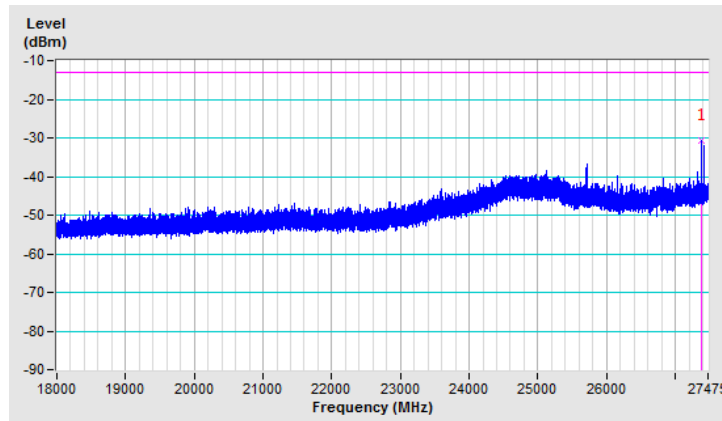


Beam ID	34+162	Frequency Range	18GHz ~ 27.475GHz
Channel	Mid	Polarity	Horizontal

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	27385.46	-30.80	-13.00	-17.80	1.72 H	170	70.42	-101.22

Remarks:

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

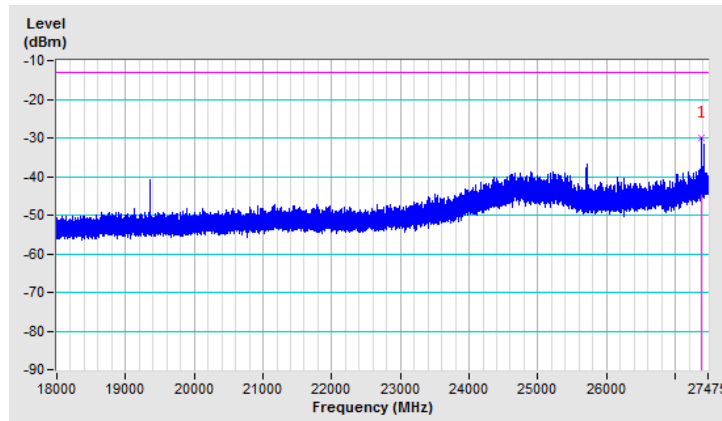


Beam ID	34+162	Frequency Range	18GHz ~ 27.475GHz
Channel	Mid	Polarity	Vertical

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	27385.22	-29.90	-13.00	-16.90	1.71 V	167	71.32	-101.22

Remarks:

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

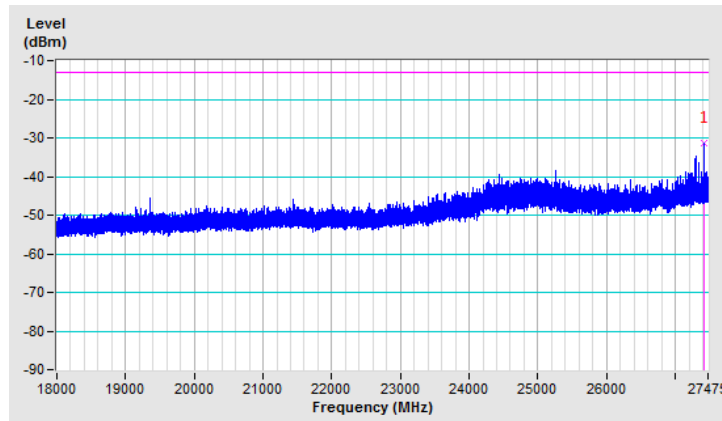


Beam ID	34+162	Frequency Range	18GHz ~ 27.475GHz
Channel	High	Polarity	Horizontal

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	27418.39	-31.30	-13.00	-18.30	1.78 H	179	69.91	-101.21

Remarks:

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

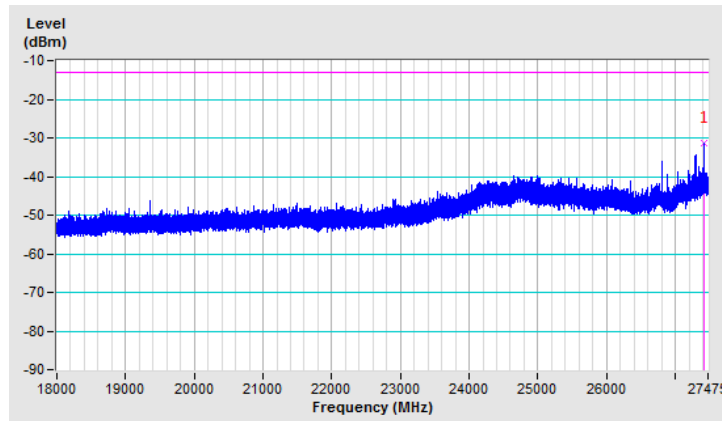


Beam ID	34+162	Frequency Range	18GHz ~ 27.475GHz
Channel	High	Polarity	Vertical

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	27418.15	-31.40	-13.00	-18.40	1.80 V	172	69.81	-101.21

Remarks:

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





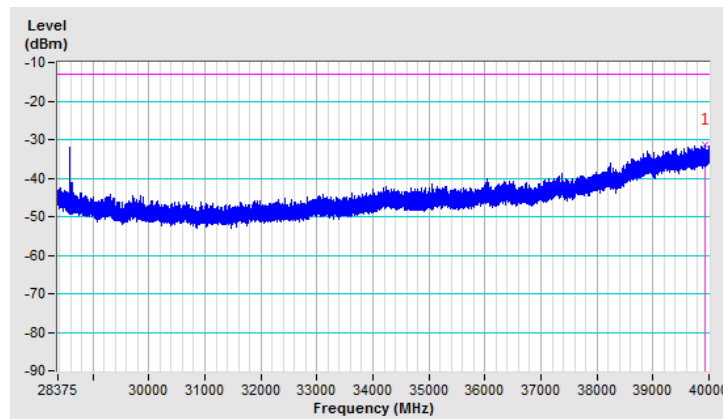
## 28.375GHz ~ 40GHz:

Beam ID	30	Frequency Range	28.375GHz ~ 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	39926.18	-31.30	-13.00	-18.30	1.71 H	177	61.83	-93.13

## Remarks:

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

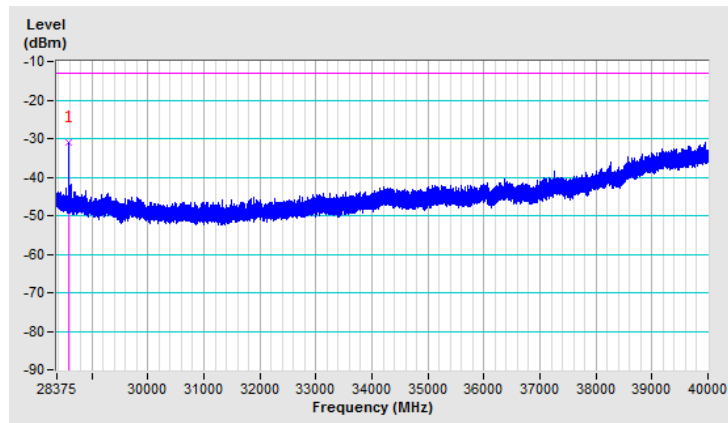


Beam ID	30	Frequency Range	28.375GHz ~ 40GHz
Channel	Low	Polarity	Vertical

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	28582.80	-30.90	-13.00	-17.90	1.50 V	176	69.65	-100.55

Remarks:

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

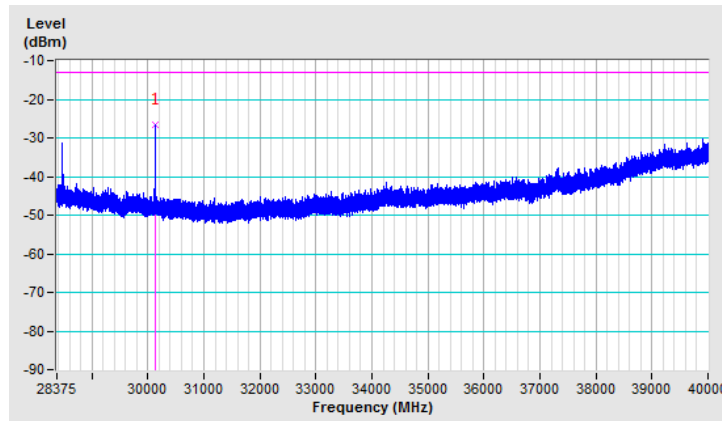


Beam ID	30	Frequency Range	28.375GHz ~ 40GHz
Channel	Mid	Polarity	Horizontal

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	30138.80	-26.50	-13.00	-13.50	1.70 H	161	74.56	-101.06

Remarks:

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

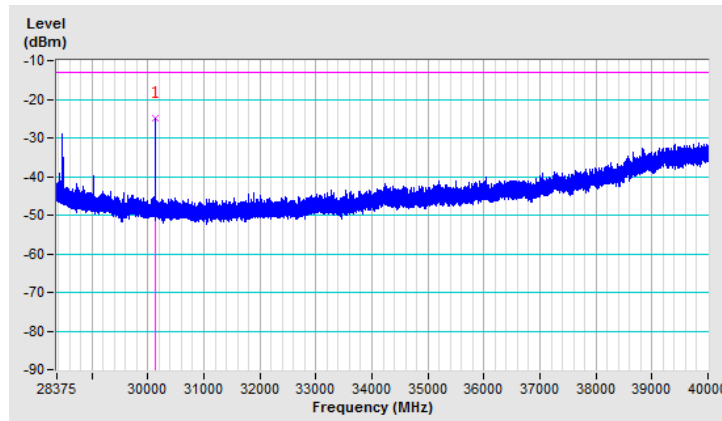


Beam ID	30	Frequency Range	28.375GHz ~ 40GHz
Channel	Mid	Polarity	Vertical

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	30138.80	-25.00	-13.00	-12.00	1.67 V	139	76.06	-101.06

Remarks:

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

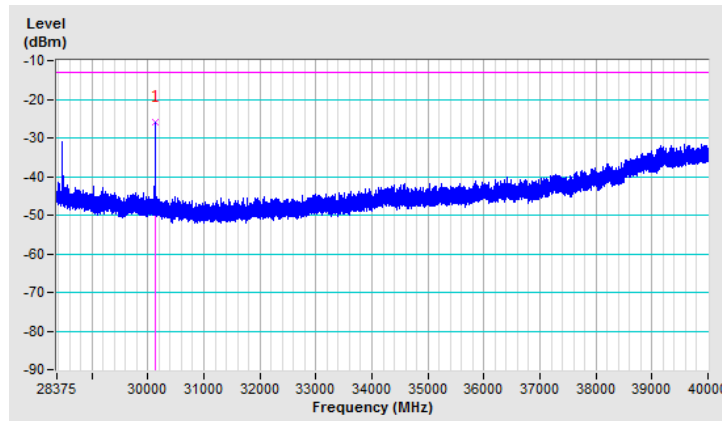


Beam ID	30	Frequency Range	28.375GHz ~ 40GHz
Channel	High	Polarity	Horizontal

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	30138.22	-26.10	-13.00	-13.10	1.76 H	155	74.96	-101.06

Remarks:

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

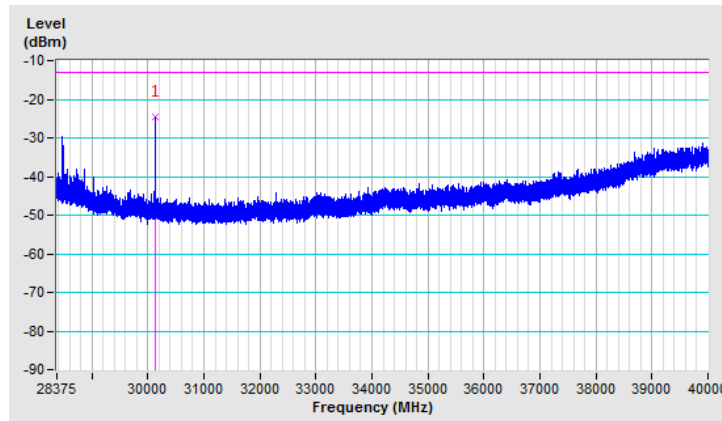


Beam ID	30	Frequency Range	28.375GHz ~ 40GHz
Channel	High	Polarity	Vertical

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	30138.51	-24.70	-13.00	-11.70	1.73 V	173	76.36	-101.06

Remarks:

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

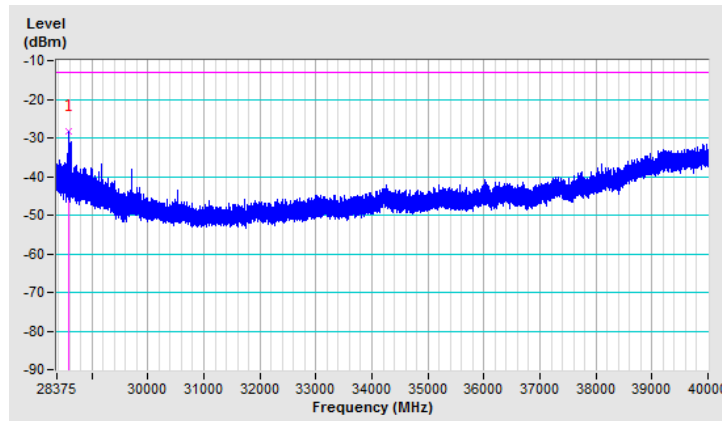


Beam ID	34+162	Frequency Range	28.375GHz ~ 40GHz
Channel	Low	Polarity	Horizontal

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	28583.09	-28.40	-13.00	-15.40	1.73 H	174	72.15	-100.55

Remarks:

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

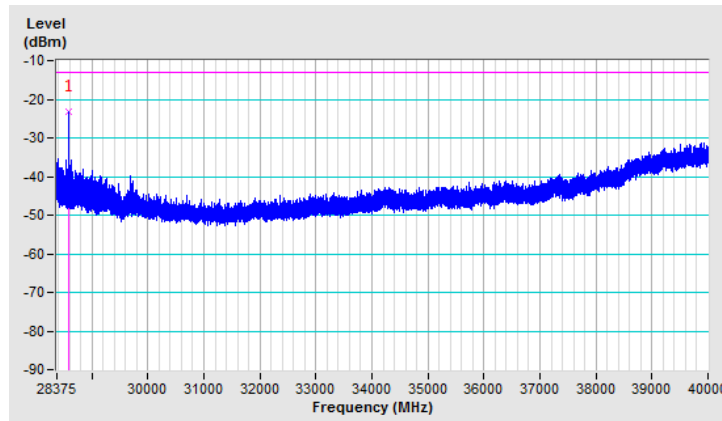


Beam ID	34+162	Frequency Range	28.375GHz ~ 40GHz
Channel	Low	Polarity	Vertical

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	28582.51	-23.10	-13.00	-10.10	1.58 V	164	77.45	-100.55

Remarks:

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



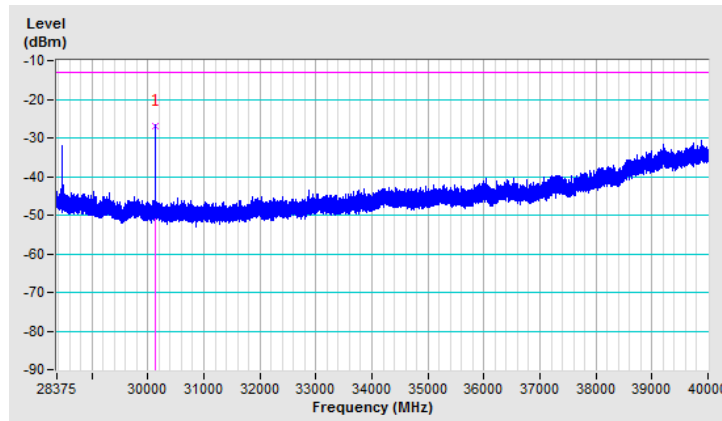


Beam ID	34+162	Frequency Range	28.375GHz ~ 40GHz
Channel	Mid	Polarity	Horizontal

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	30138.22	-26.80	-13.00	-13.80	1.66 H	171	74.26	-101.06

Remarks:

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

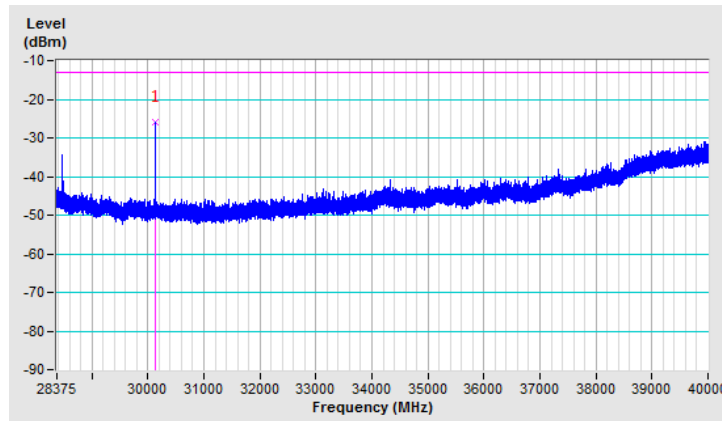


Beam ID	34+162	Frequency Range	28.375GHz ~ 40GHz
Channel	Mid	Polarity	Vertical

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	30138.80	-26.00	-13.00	-13.00	1.74 V	171	75.06	-101.06

Remarks:

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

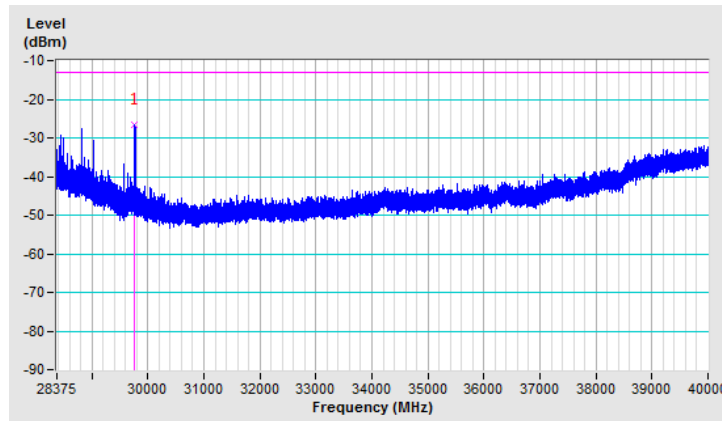


Beam ID	34+162	Frequency Range	28.375GHz ~ 40GHz
Channel	High	Polarity	Horizontal

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	29769.42	-26.50	-13.00	-13.50	1.70 H	167	74.30	-100.80

Remarks:

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

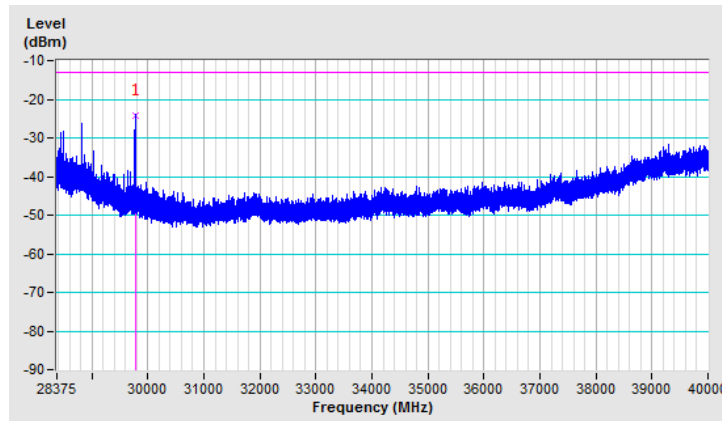


Beam ID	34+162	Frequency Range	28.375GHz ~ 40GHz
Channel	High	Polarity	Vertical

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	29770.29	-24.10	-13.00	-11.10	1.77 V	180	76.69	-100.79

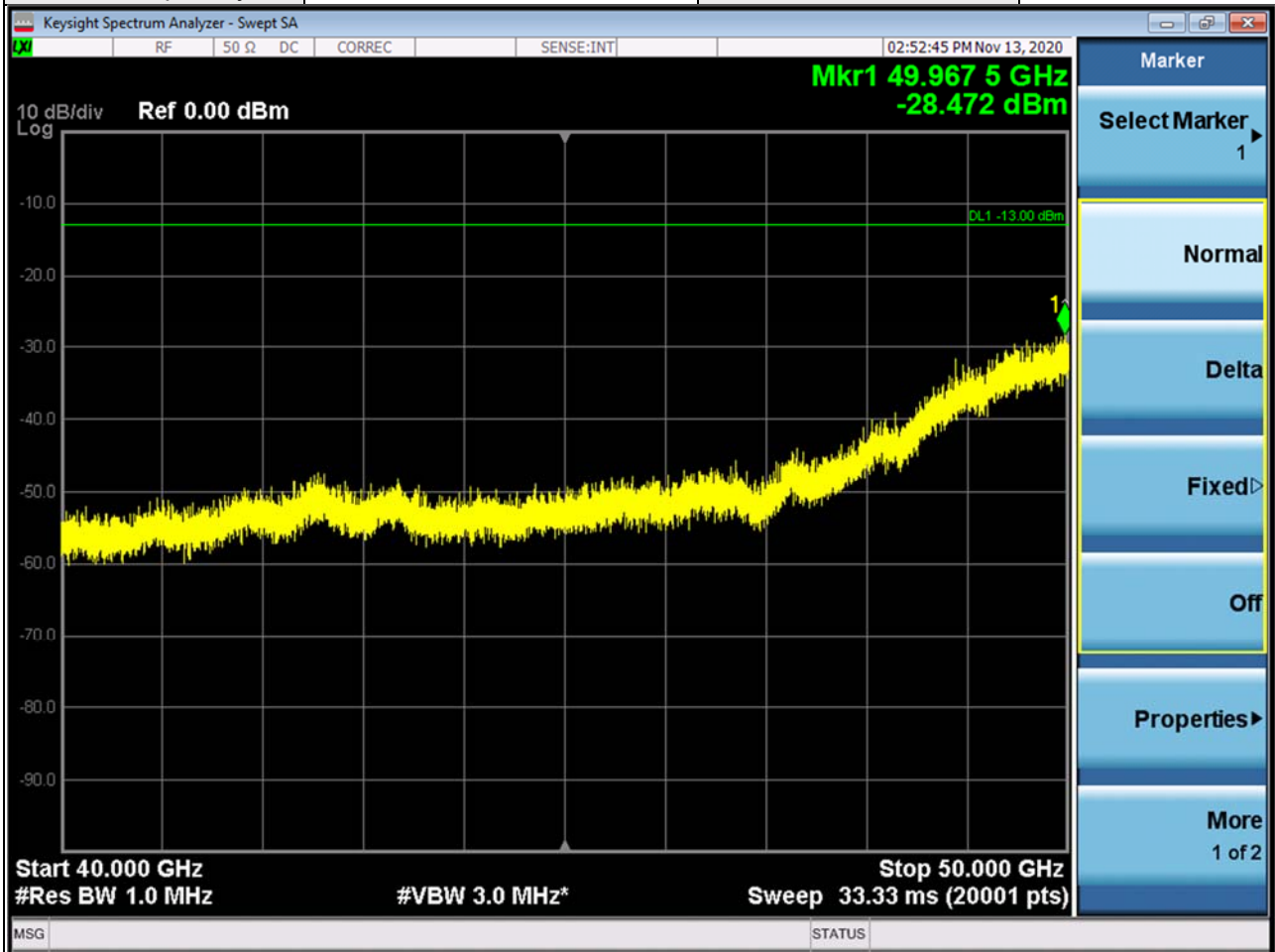
Remarks:

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



40GHz ~ 50GHz:

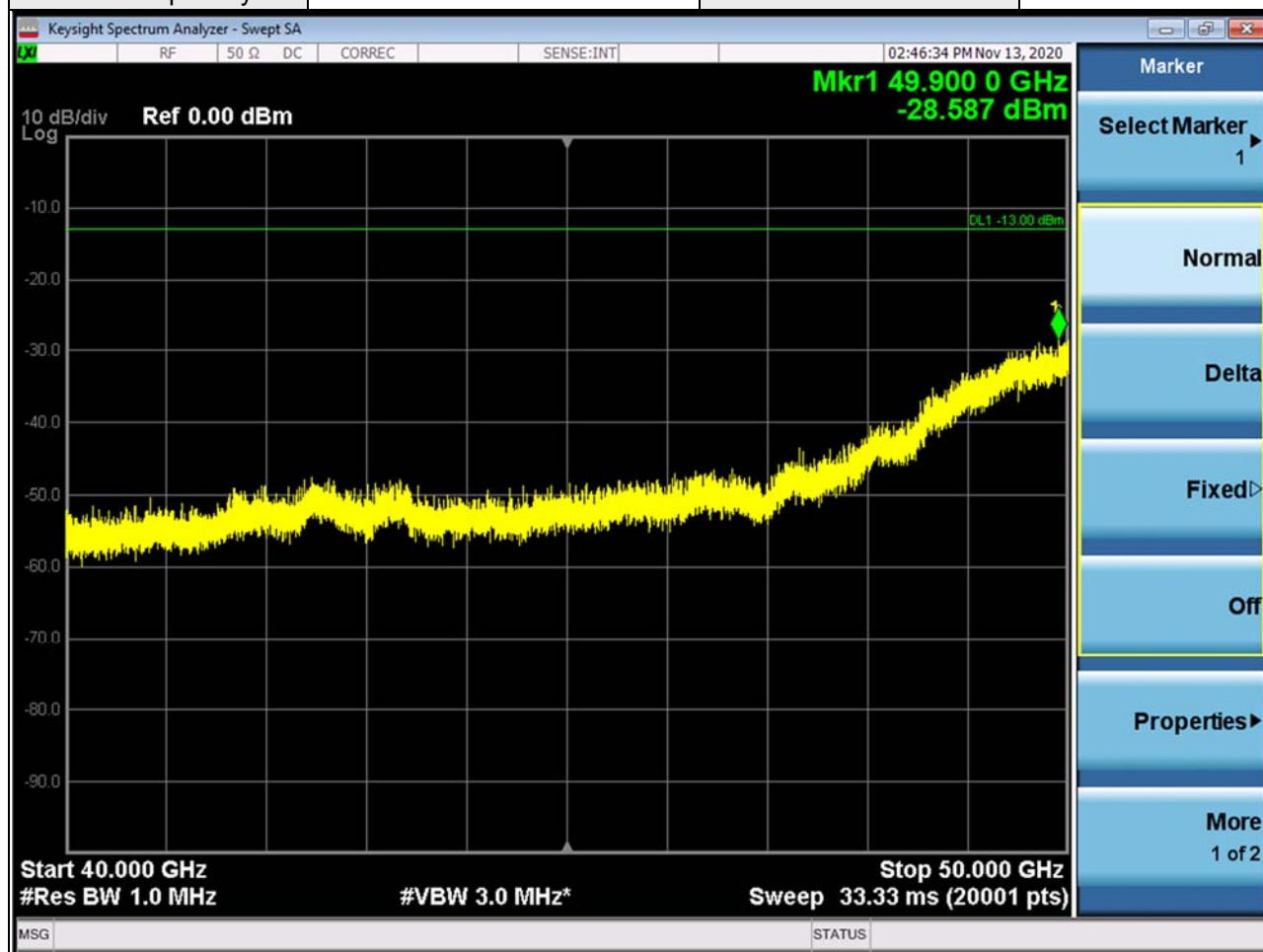
Band	n261	Beam ID	30
Frequency Range	40GHz-50GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



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.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$ .

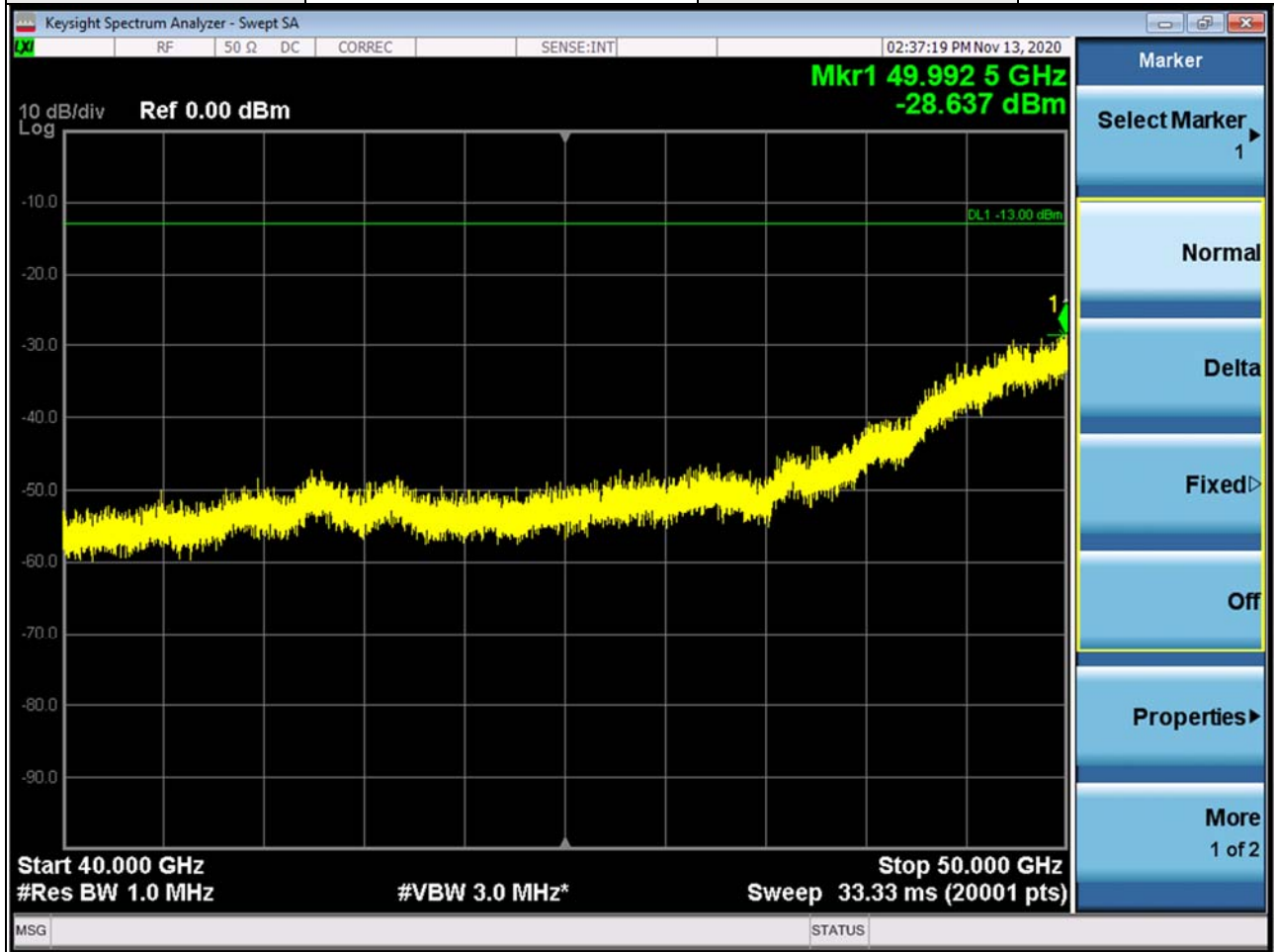
Band	n261	Beam ID	30
Frequency Range	40GHz-50GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

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

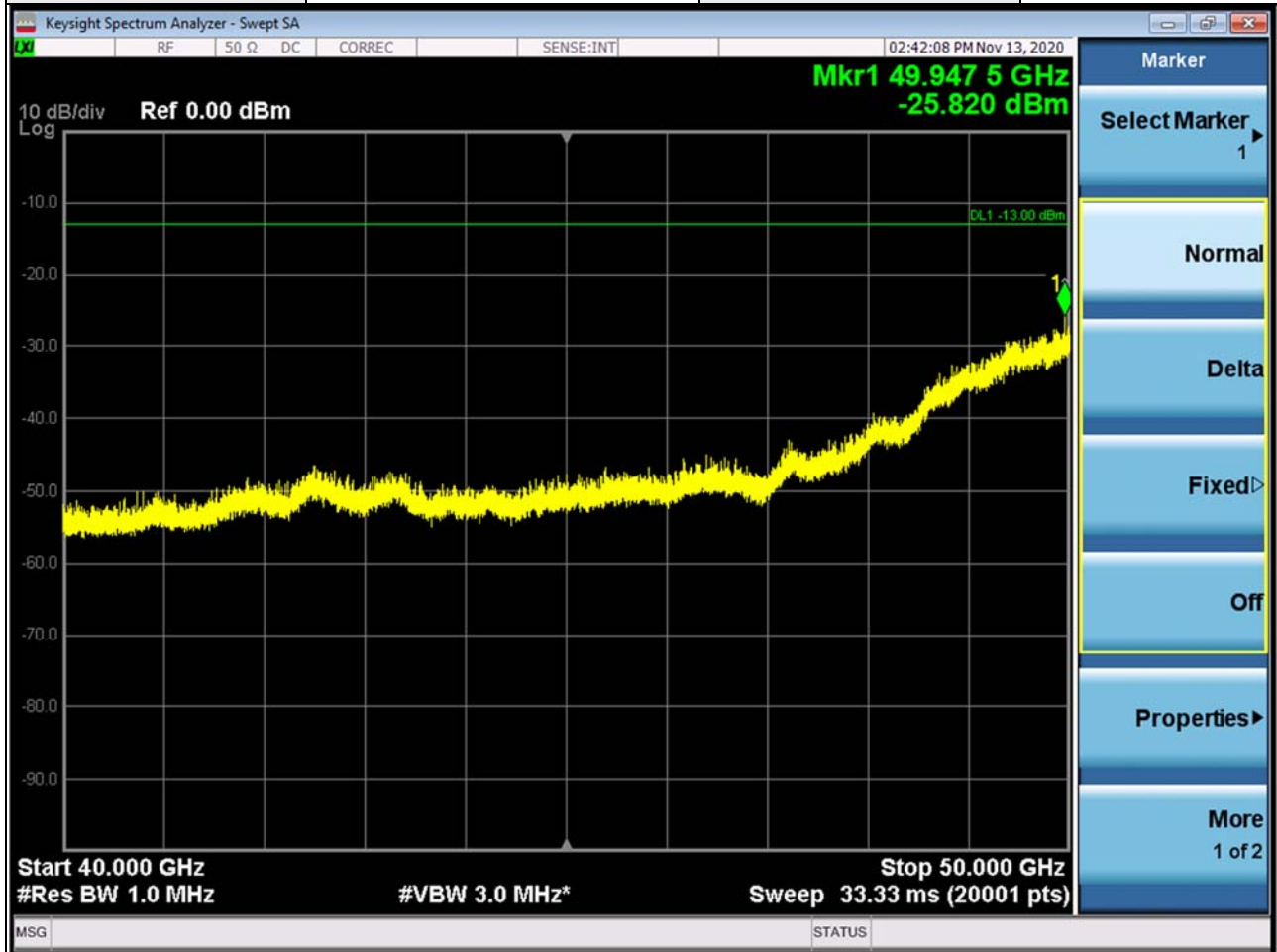
Band	n261	Beam ID	30
Frequency Range	40GHz-50GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n261	Beam ID	30
Frequency Range	40GHz-50GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m

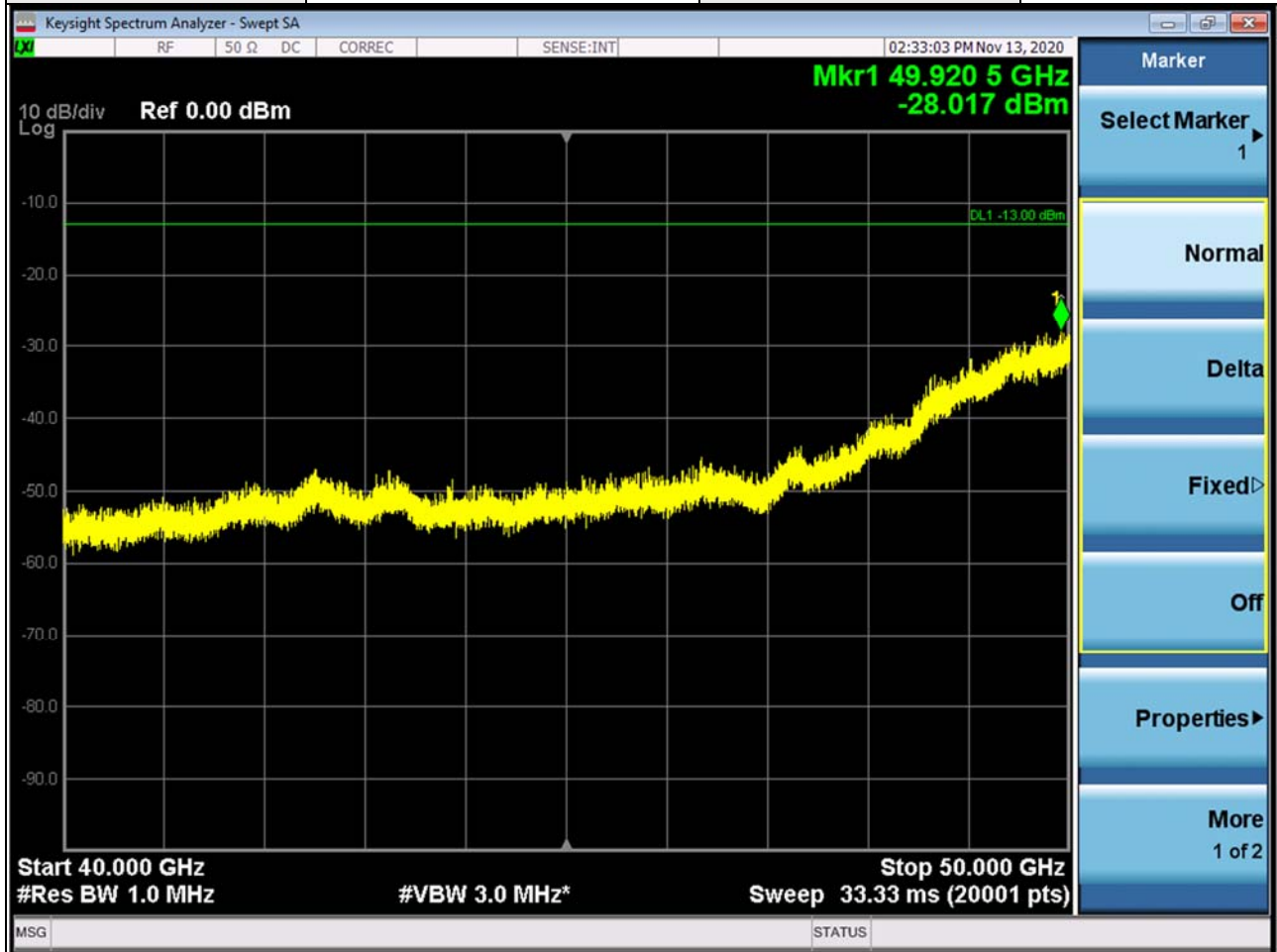


Note:

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



Band	n261	Beam ID	30
Frequency Range	40GHz-50GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



**Note:**

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

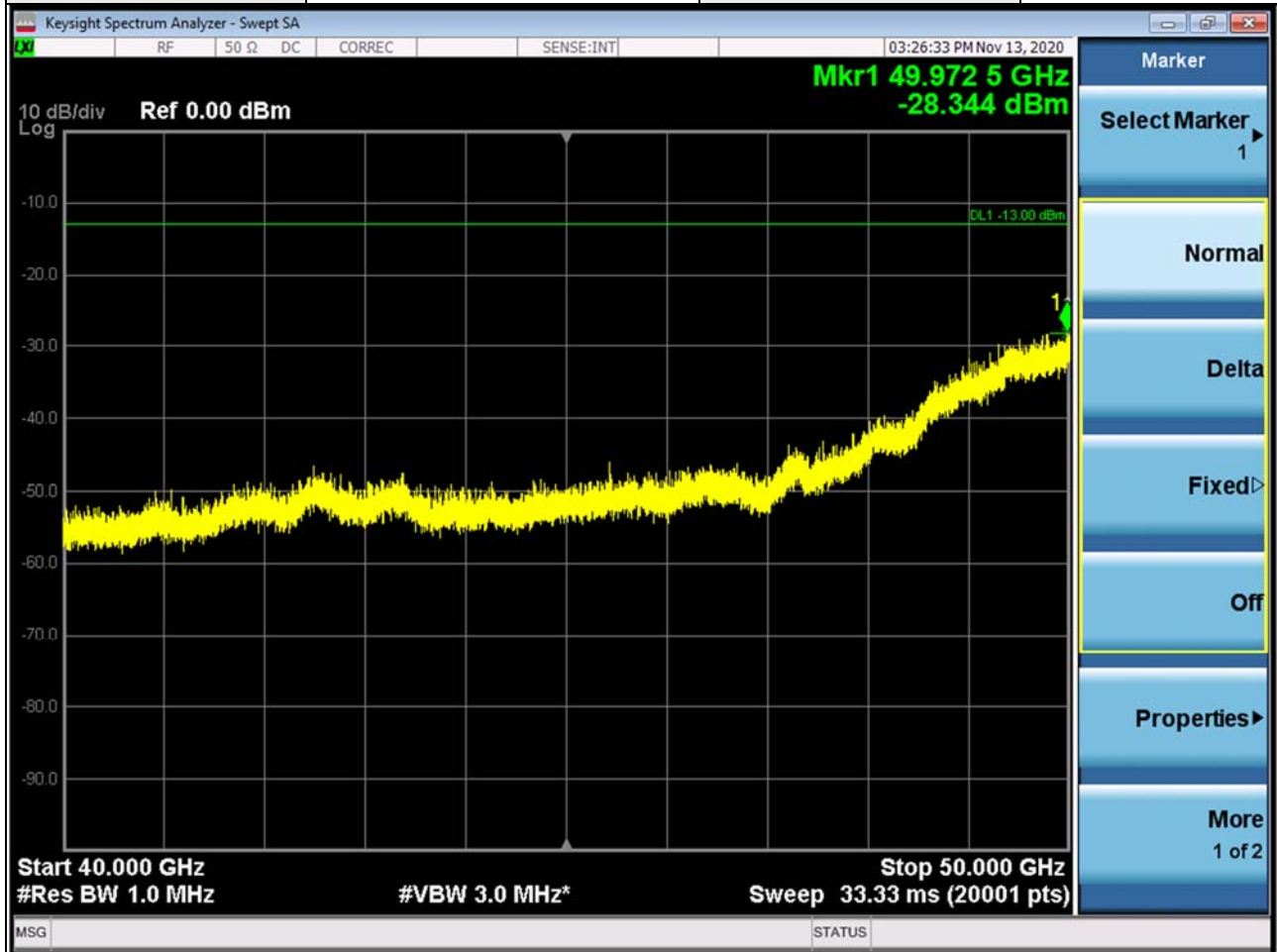
Band	n261	Beam ID	30
Frequency Range	40GHz-50GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



**Note:**

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

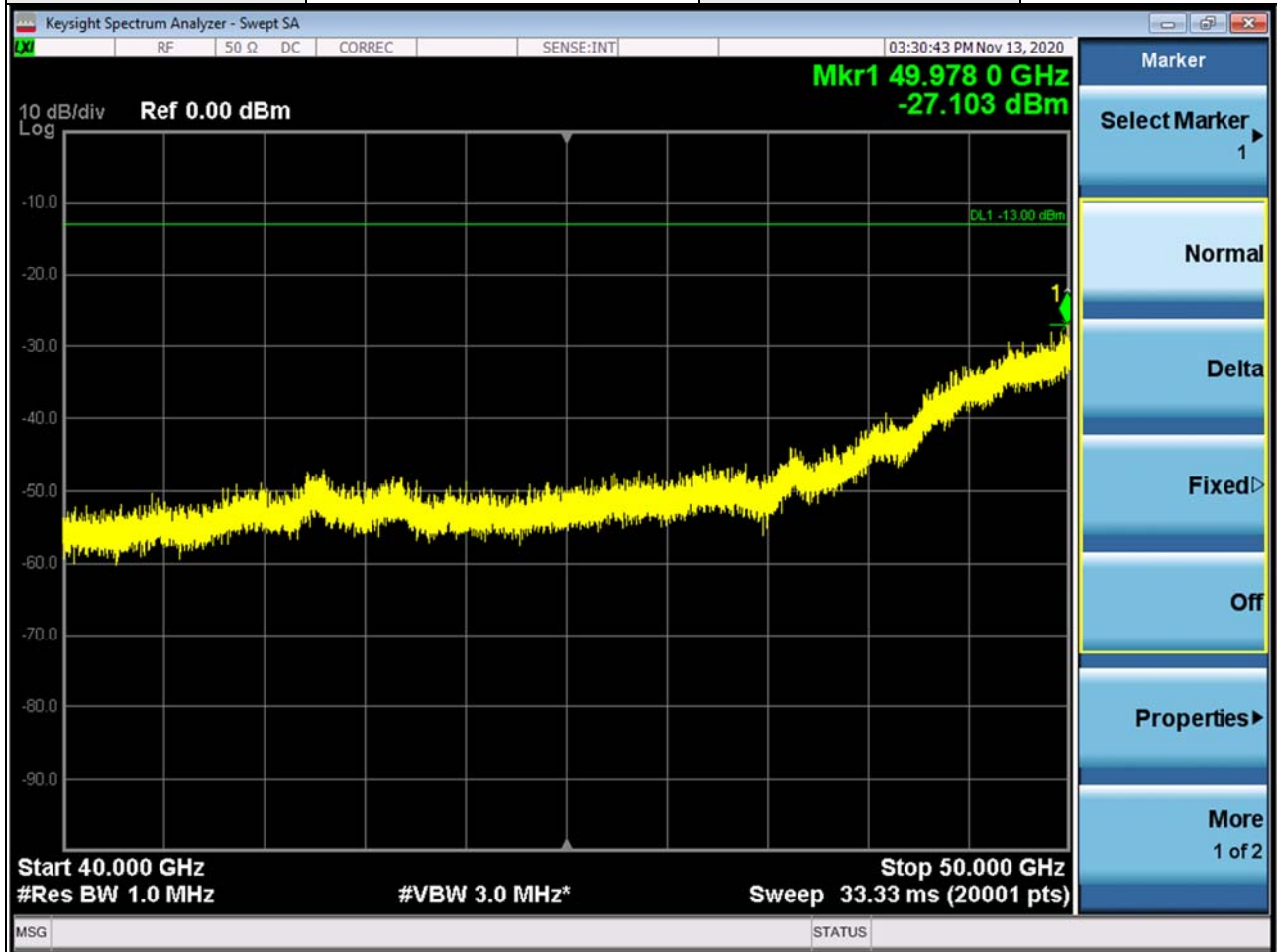
Band	n261	Beam ID	167
Frequency Range	40GHz-50GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



Note:

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

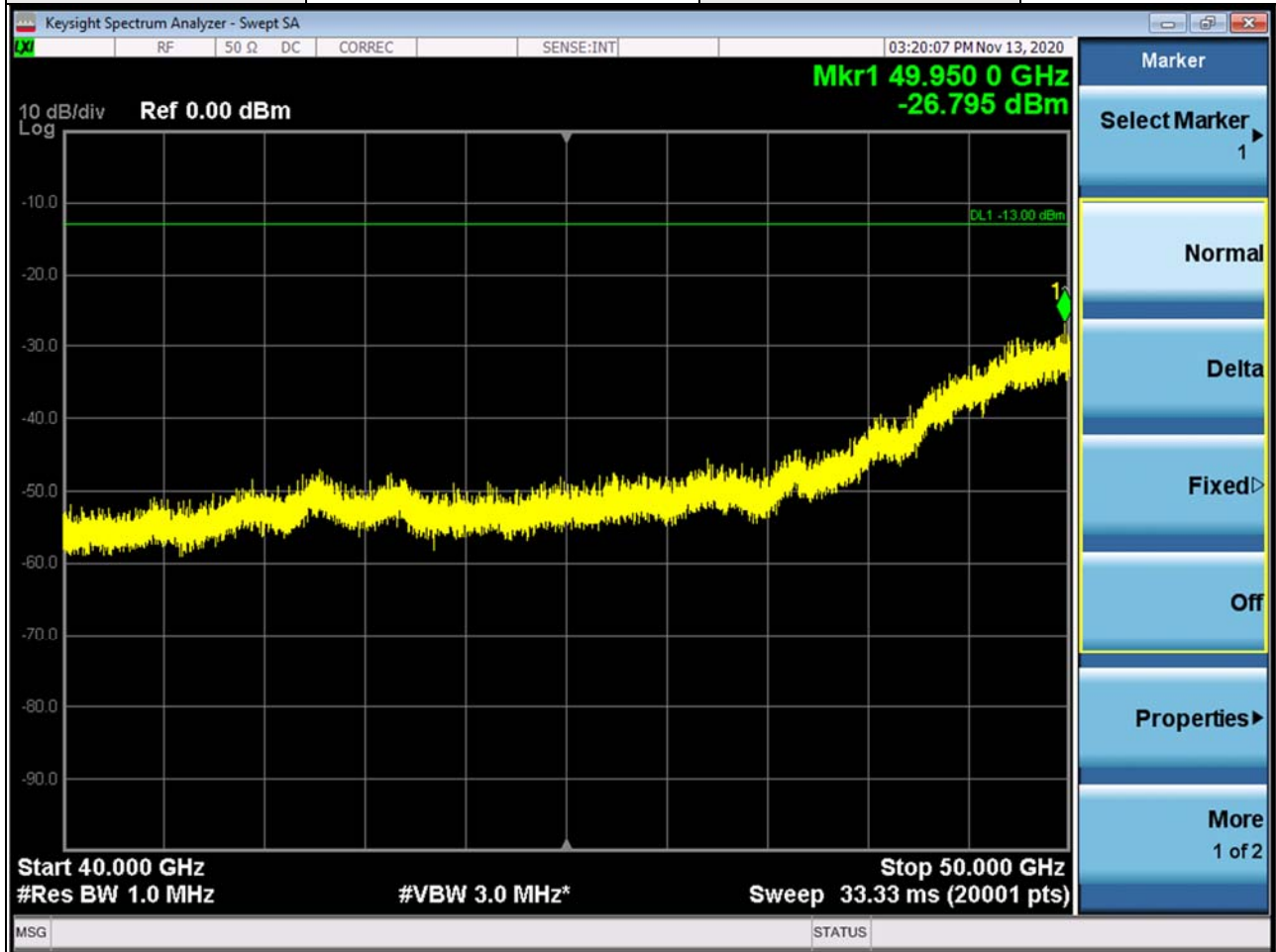
Band	n261	Beam ID	167
Frequency Range	40GHz-50GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

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

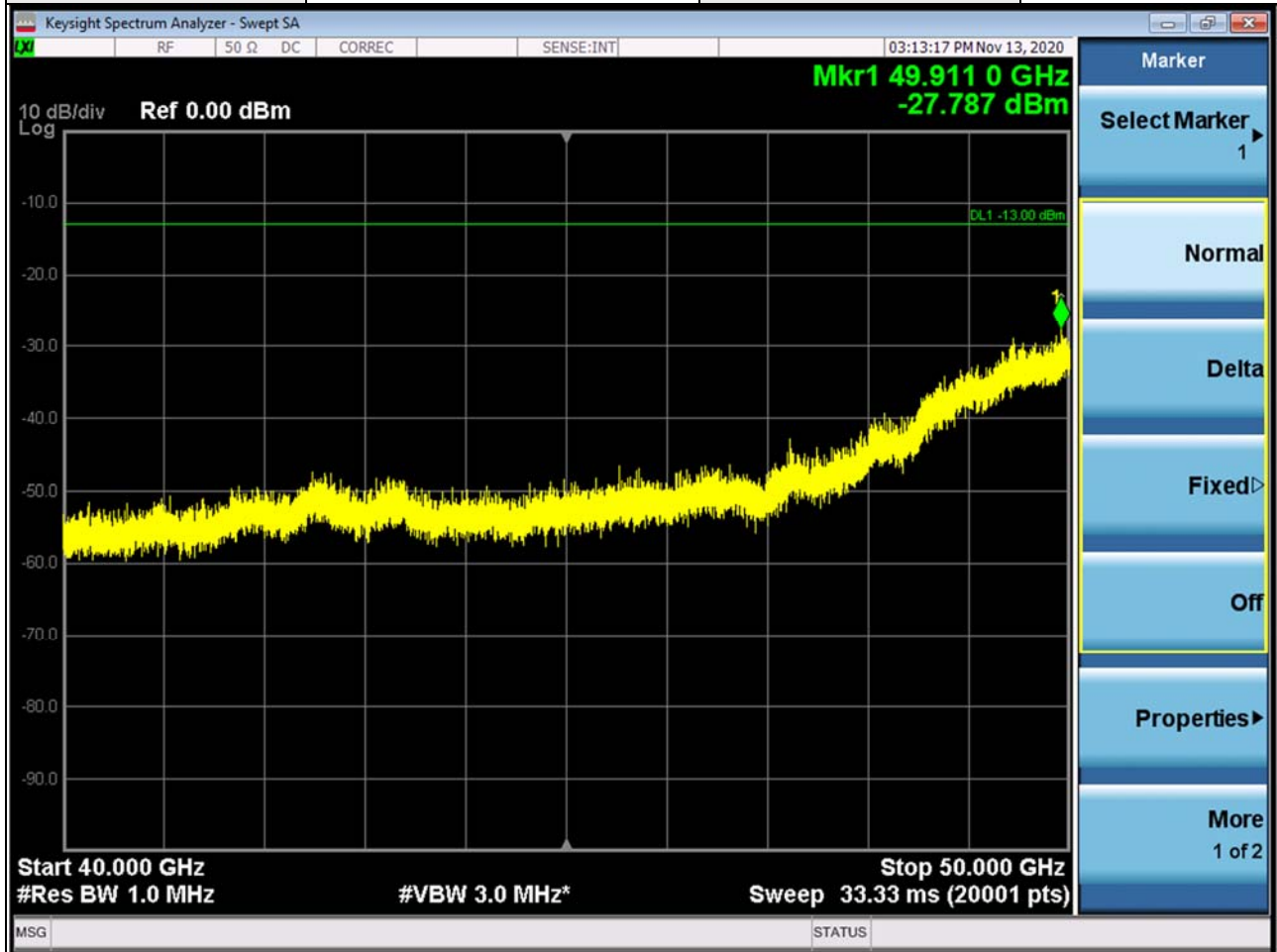
Band	n261	Beam ID	167
Frequency Range	40GHz-50GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

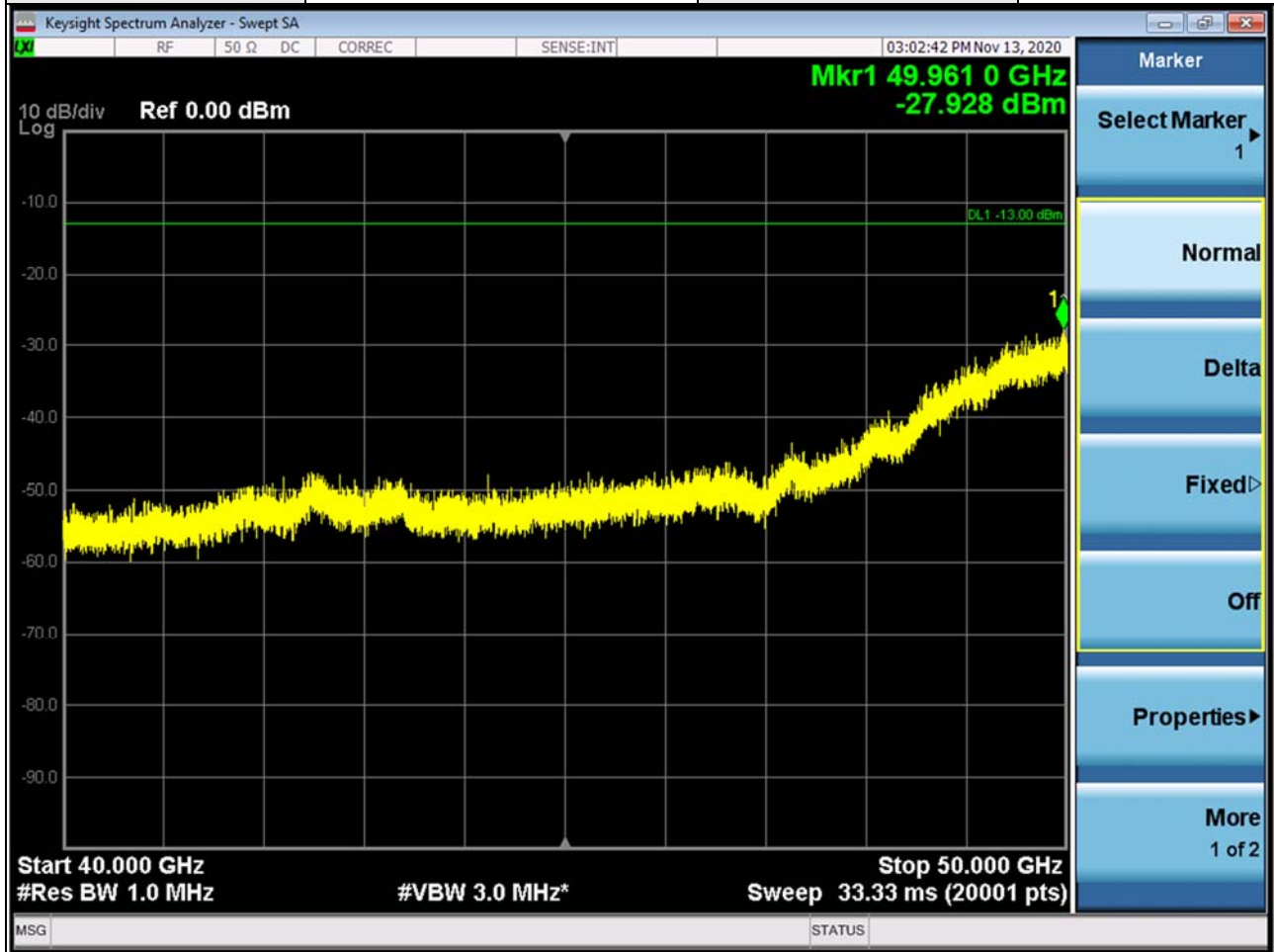
Band	n261	Beam ID	167
Frequency Range	40GHz-50GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



**Note:**

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

Band	n261	Beam ID	167
Frequency Range	40GHz-50GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m

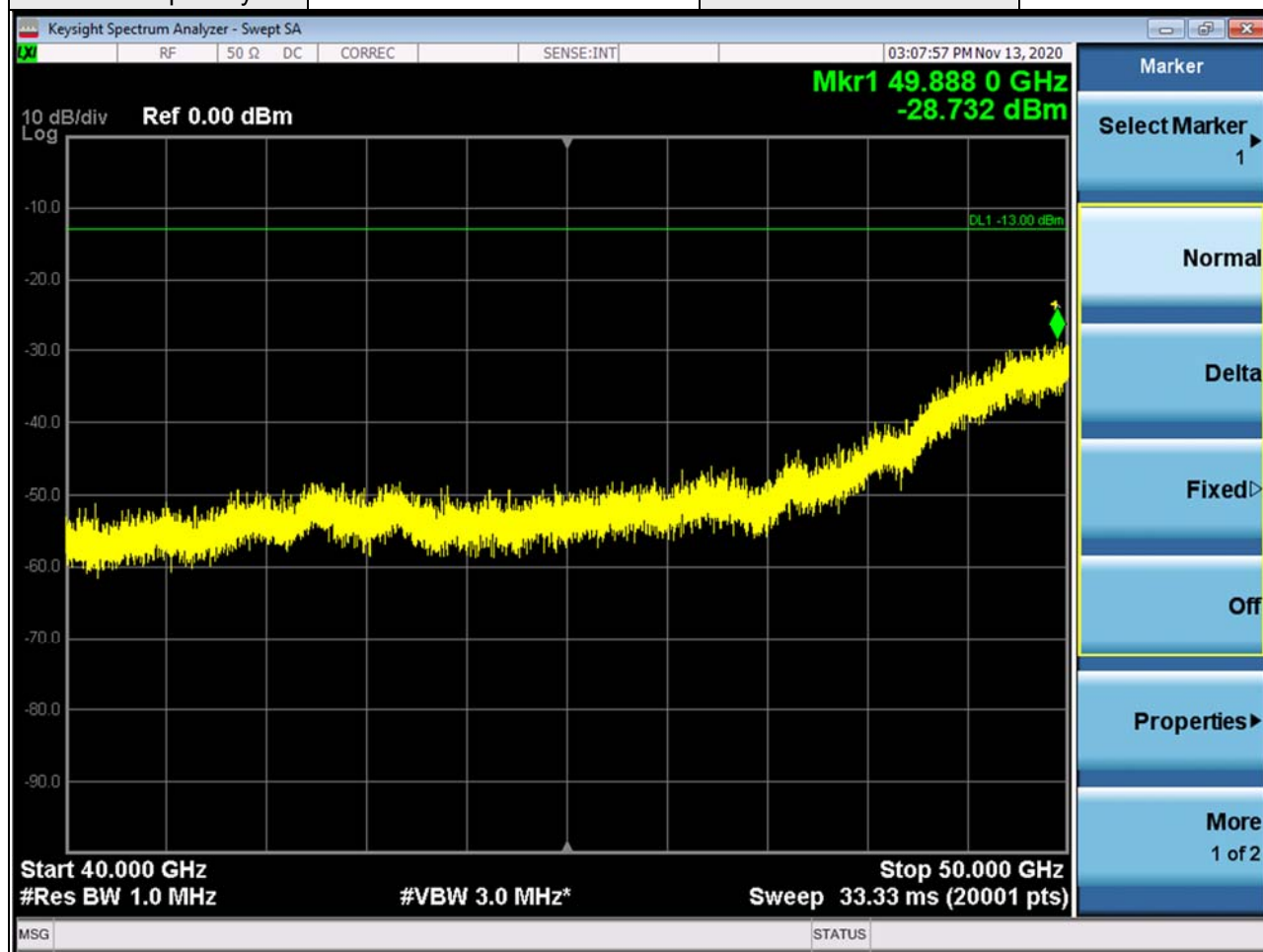


Note:

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



Band	n261	Beam ID	167
Frequency Range	40GHz-50GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m

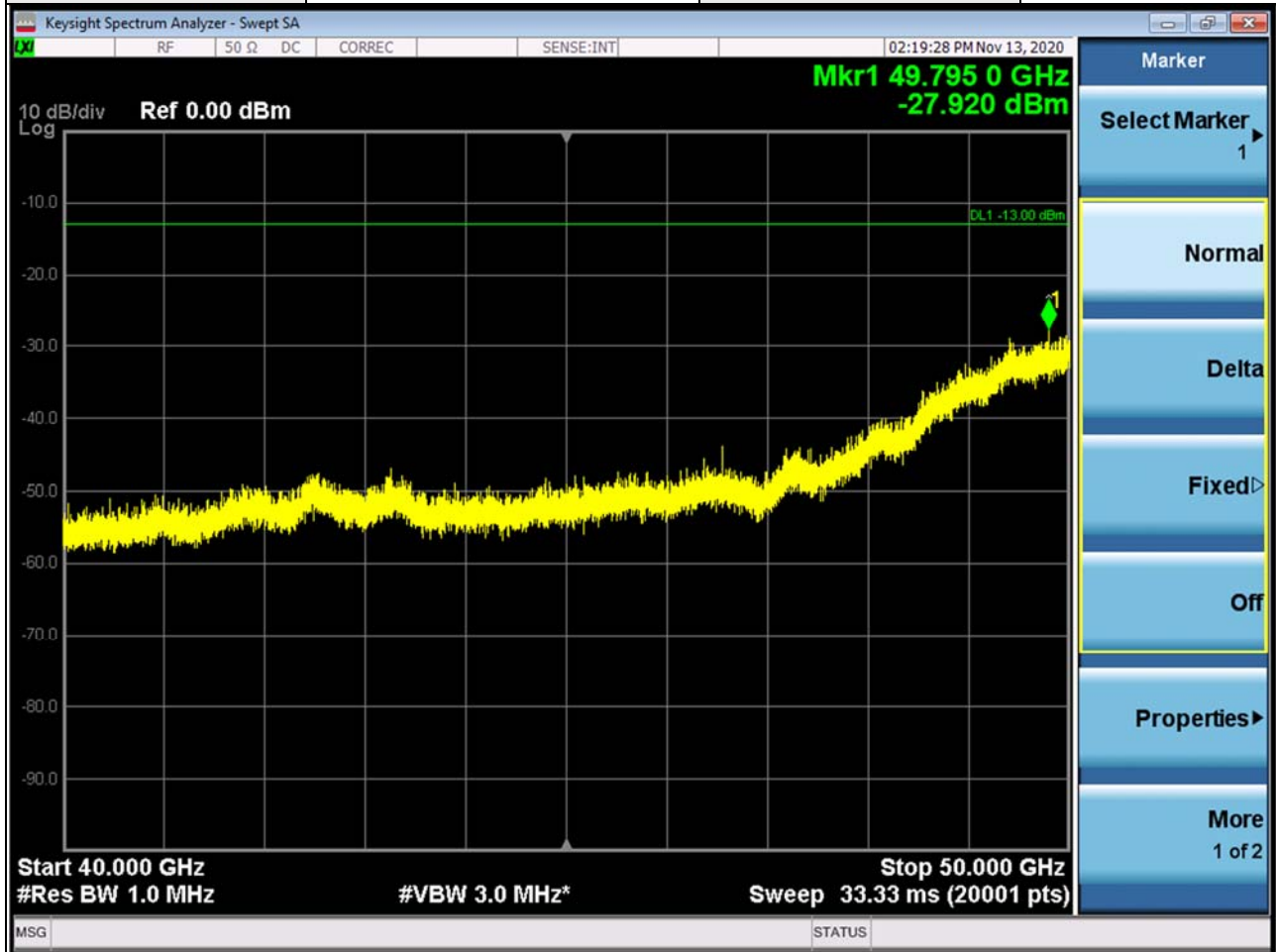


**Note:**

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



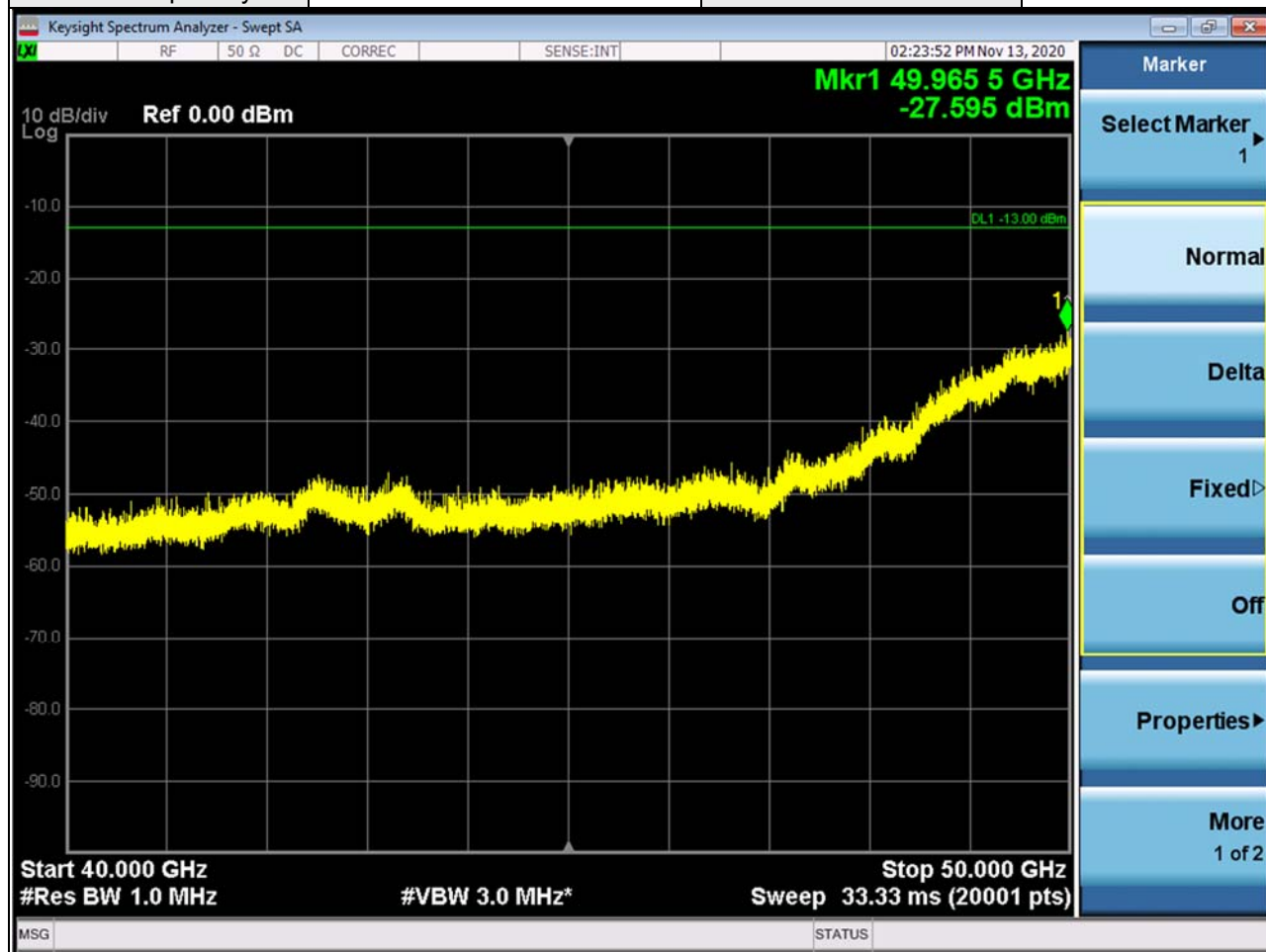
Band	n261	Beam ID	30 + 158
Frequency Range	40GHz-50GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



**Note:**

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

Band	n261	Beam ID	30 + 158
Frequency Range	40GHz-50GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

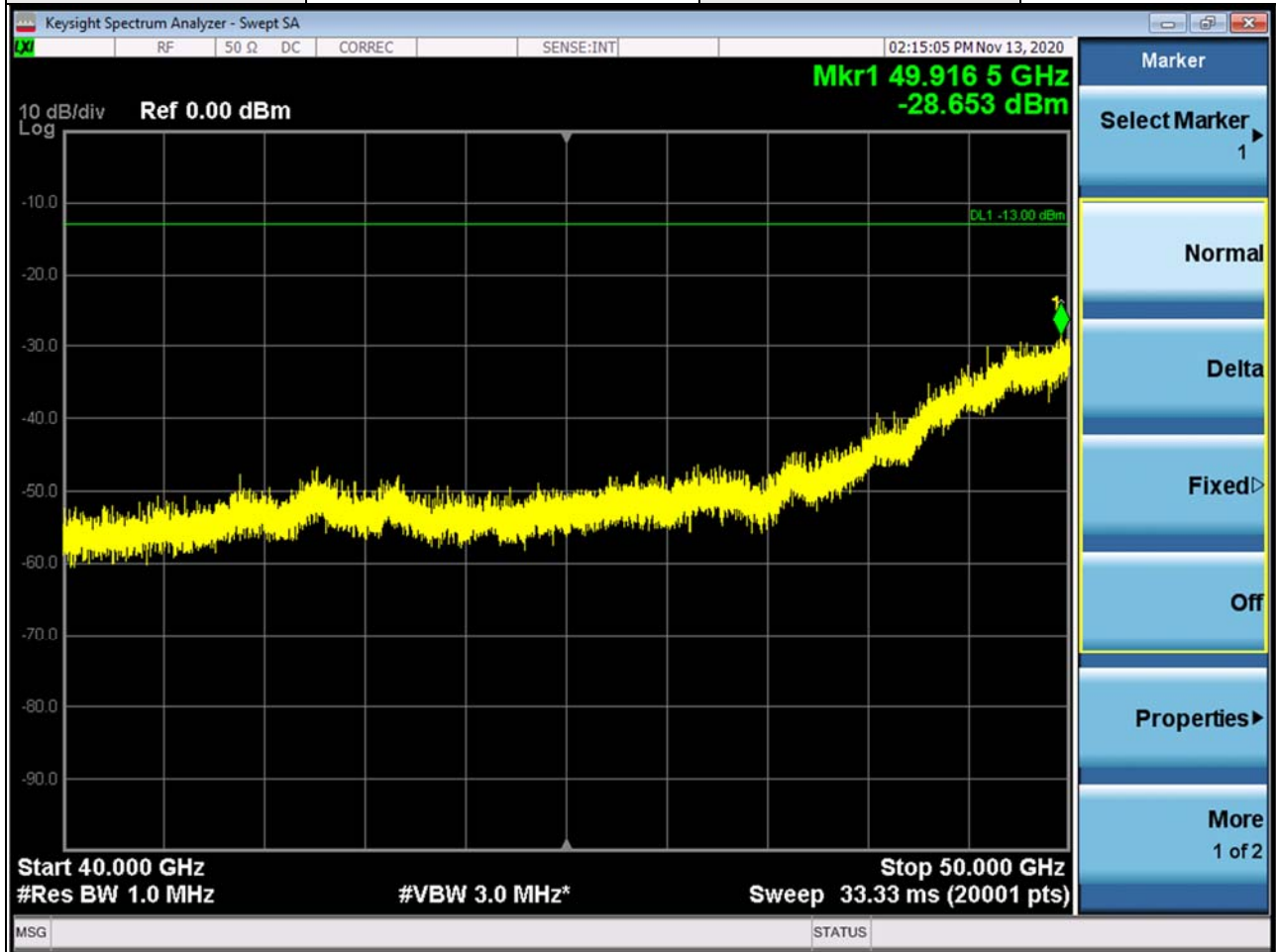
1. The test results already include the correction factor (corrections: On).
2.  $EIRP(dBm) = \text{Raw Value}(dBuV) + \text{Correction Factor}(dB/m) + \text{Harmonic Mixer Conversion Loss}(dB)$ .
3.  $\text{Correction Factor}(dB/m) = \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier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

#### Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662930 D01, the MIMO Out-of Band emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
30 + 158	-27.920	-27.595	-27.744	-13	-11.744	Pass

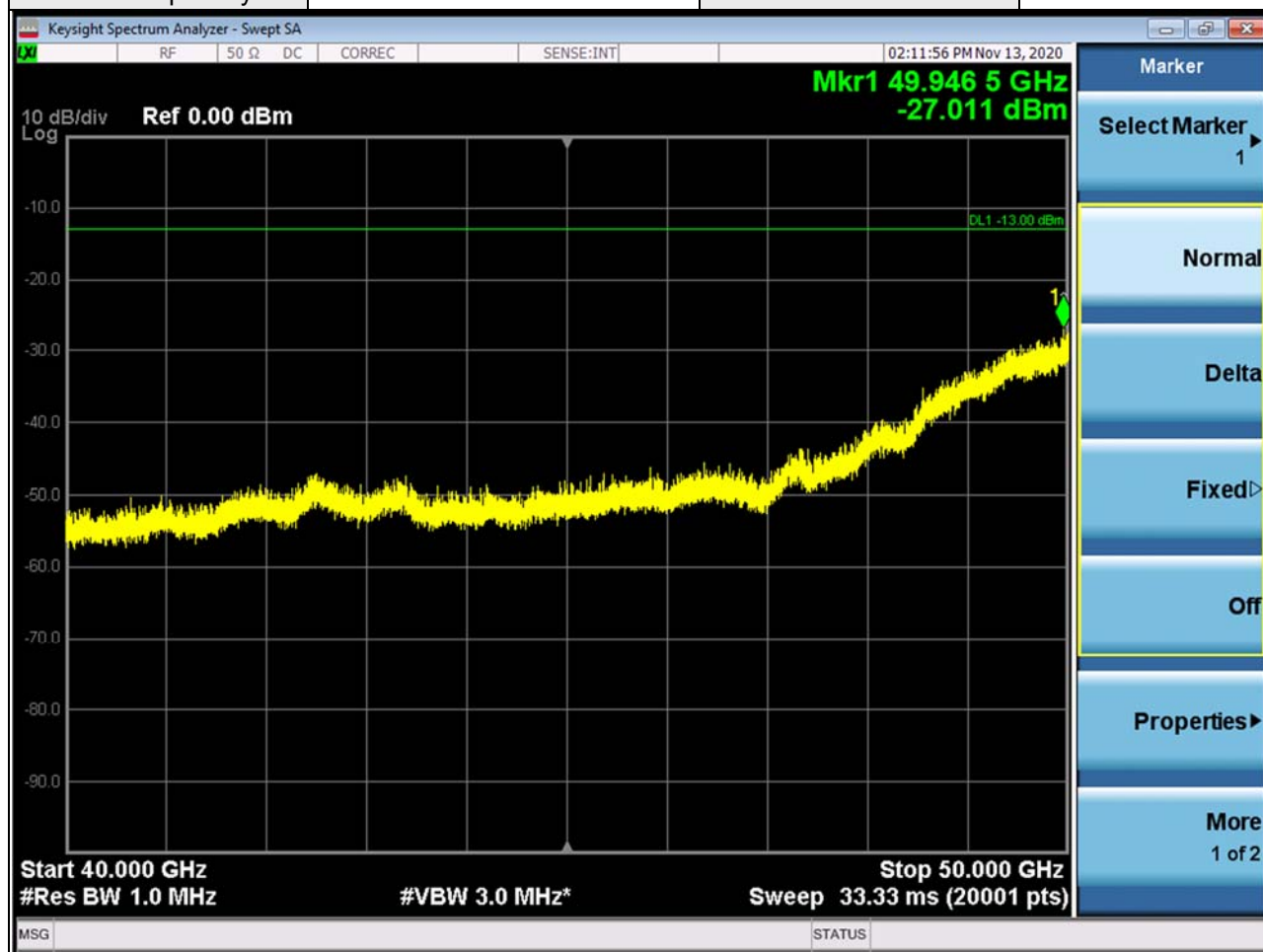
Band	n261	Beam ID	30 + 158
Frequency Range	40GHz-50GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n261	Beam ID	30 + 158
Frequency Range	40GHz-50GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



Note:

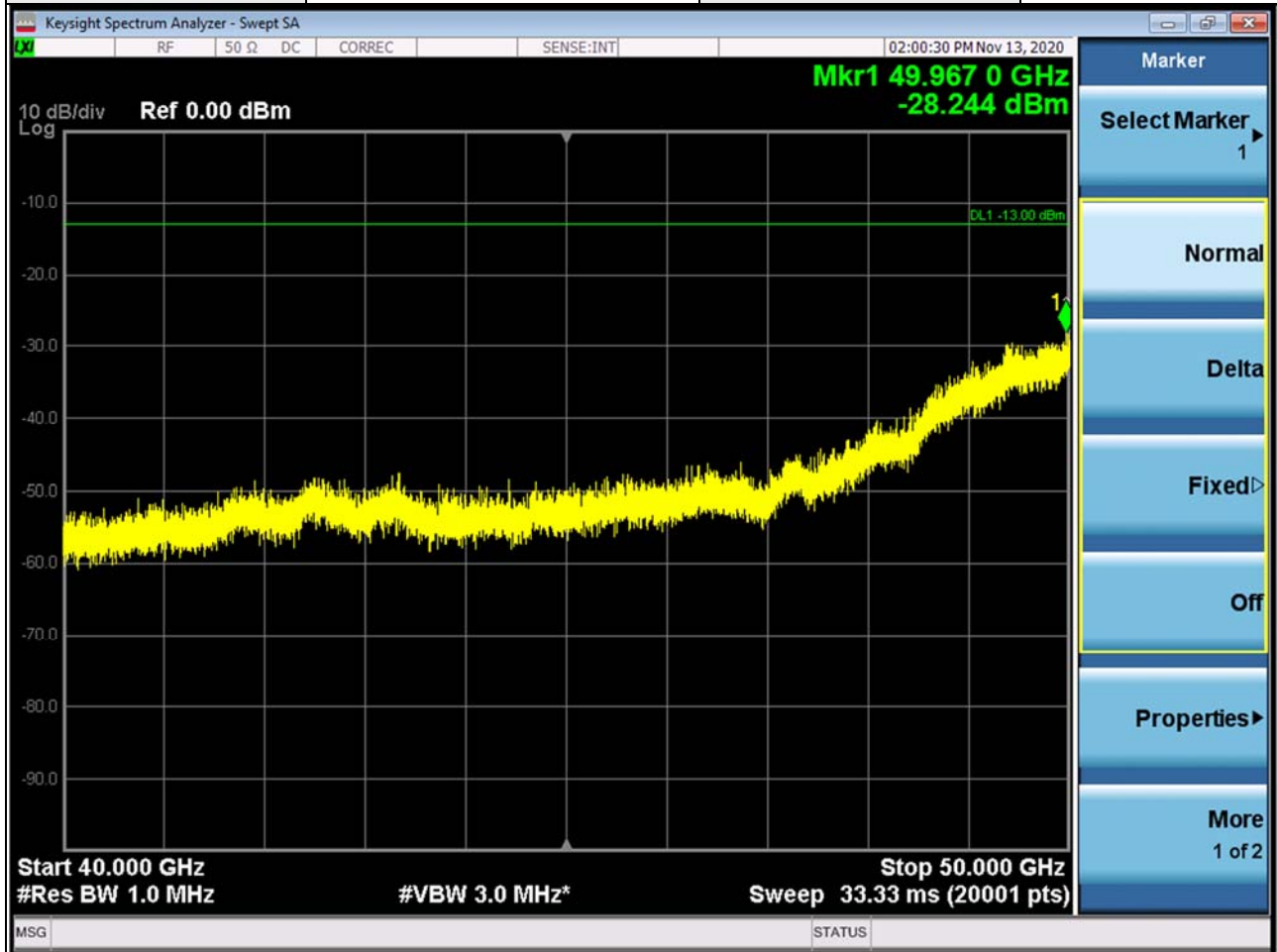
1. The test results already include the correction factor (corrections: On).
2.  $EIRP(dBm) = \text{Raw Value}(dBuV) + \text{Correction Factor}(dB/m) + \text{Harmonic Mixer Conversion Loss}(dB)$ .
3.  $\text{Correction Factor}(dB/m) = \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier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

#### Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662930 D01, the MIMO Out-of Band emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

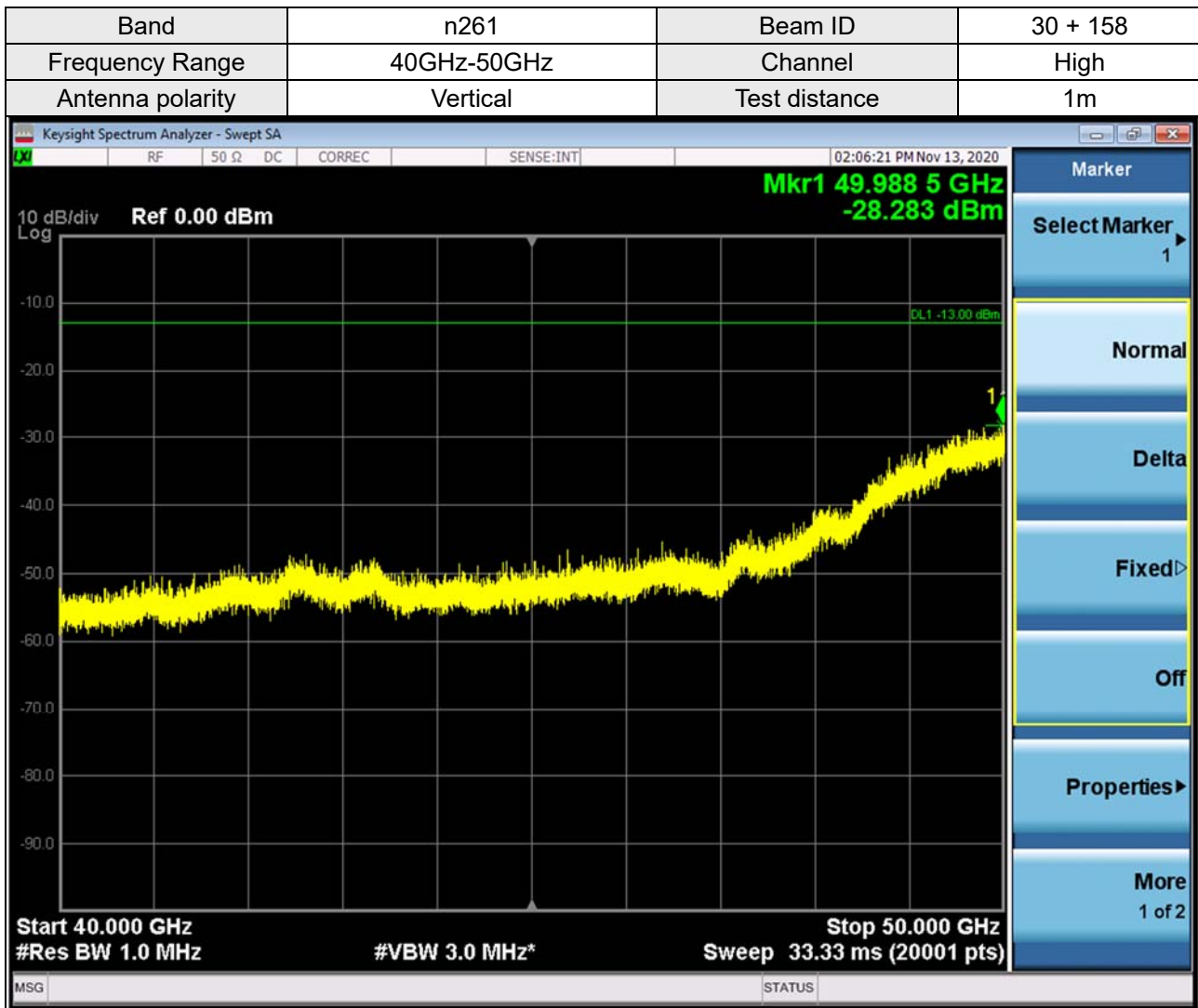
Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
30 + 158	-28.653	-27.011	-24.745	-13	-11.745	Pass

Band	n261	Beam ID	30 + 158
Frequency Range	40GHz-50GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Note:

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



Note:

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

**Summary of MIMO Beam Out-of Band Emission:**

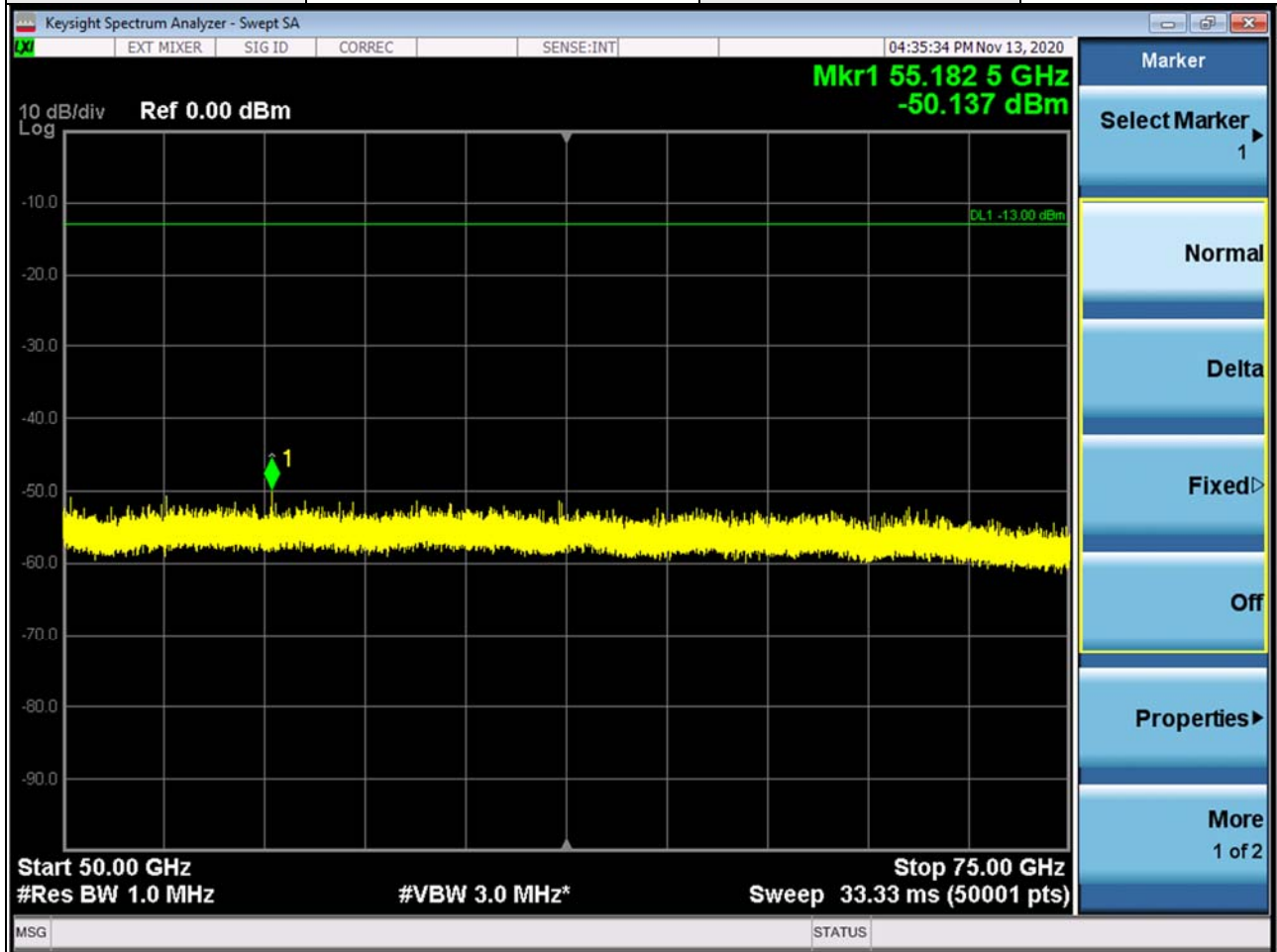
To address compliance of MIMO Out-of Band emission per KDB 662930 D01, the MIMO Out-of Band emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
30 + 158	-28.244	-28.283	-25.253	-13	-12.253	Pass





Band	n261	Beam ID	30
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m

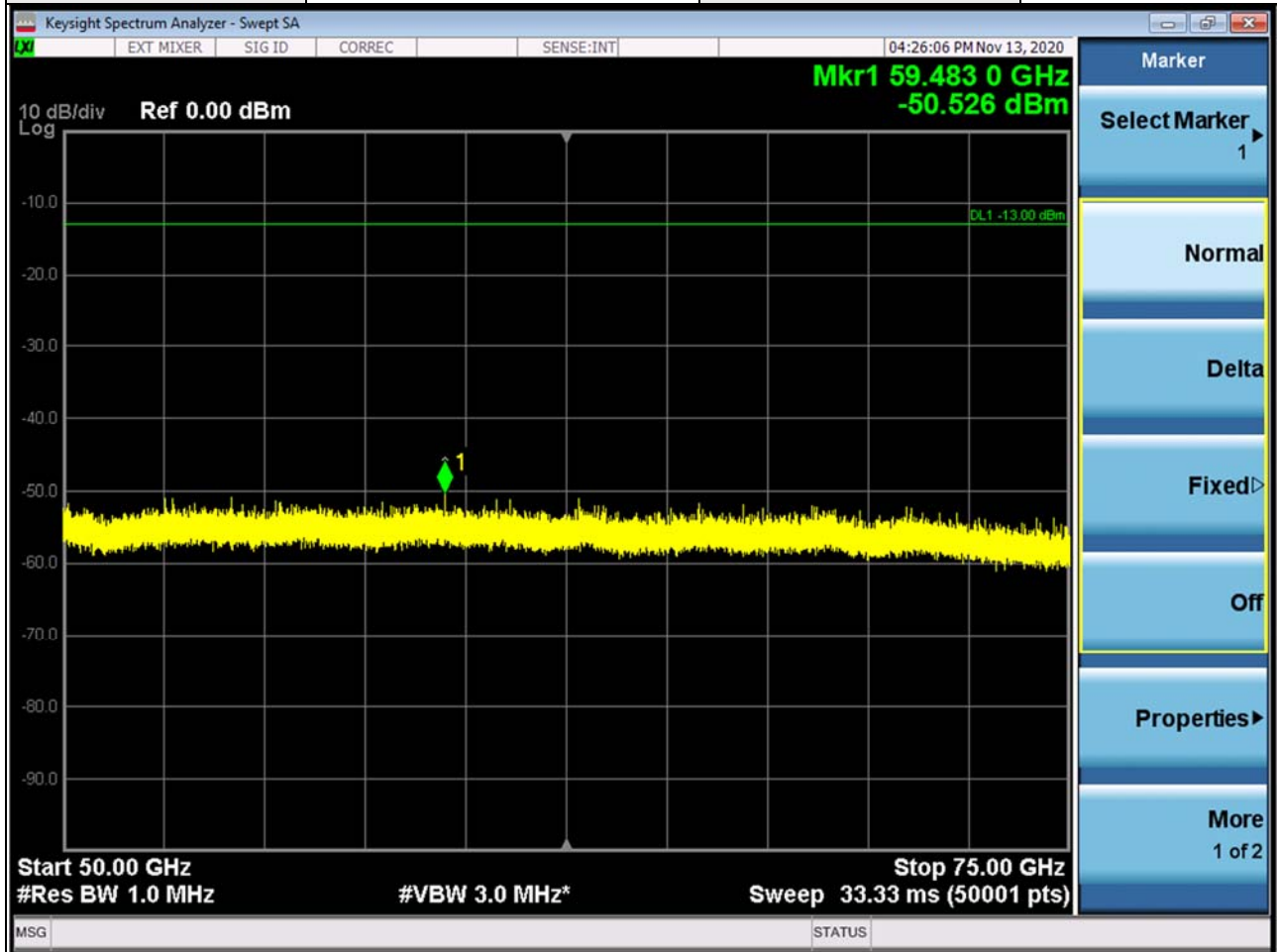


Note:

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



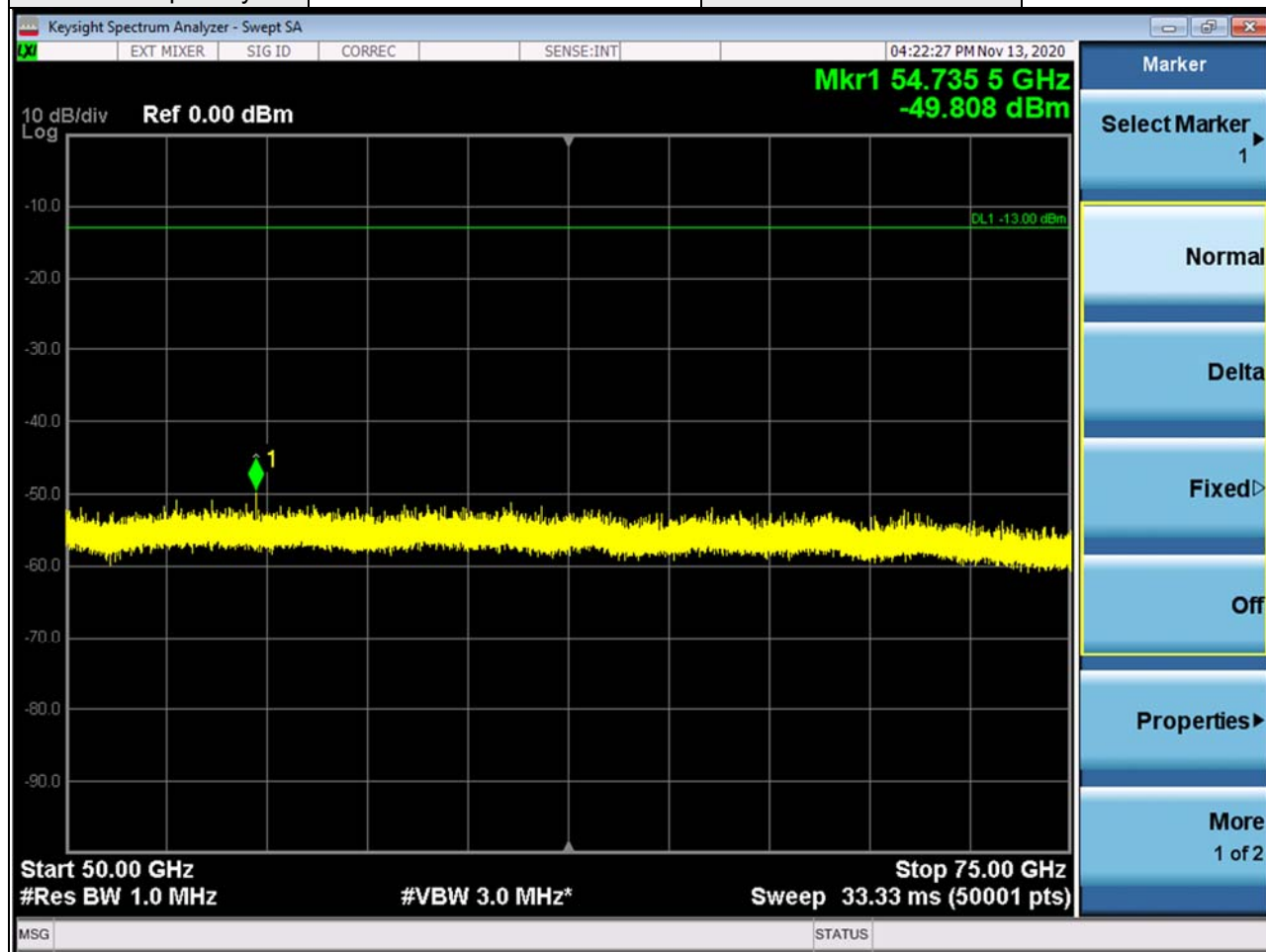
Band	n261	Beam ID	30
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n261	Beam ID	30
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m

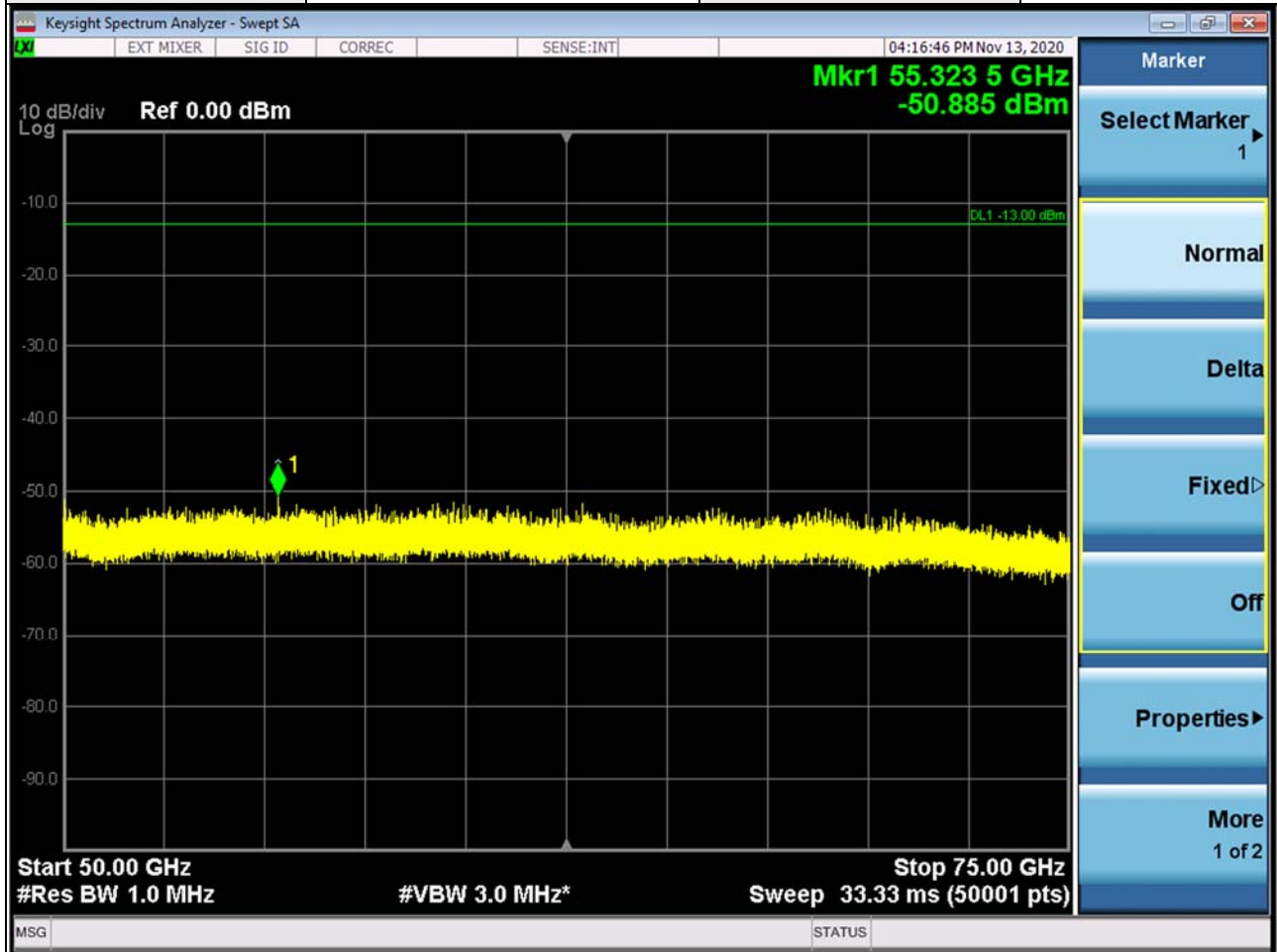


Note:

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



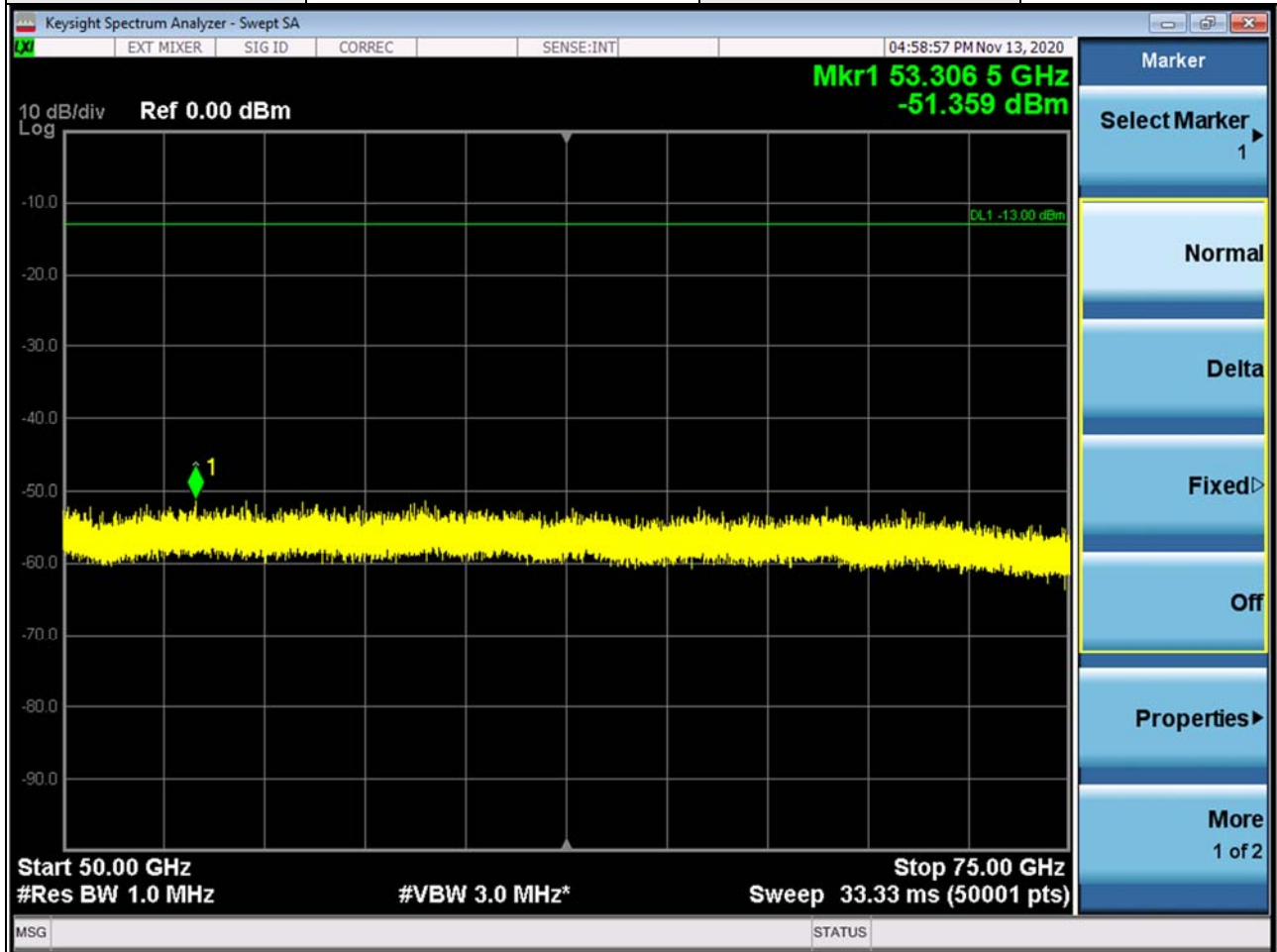
Band	n261	Beam ID	30
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



**Note:**

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

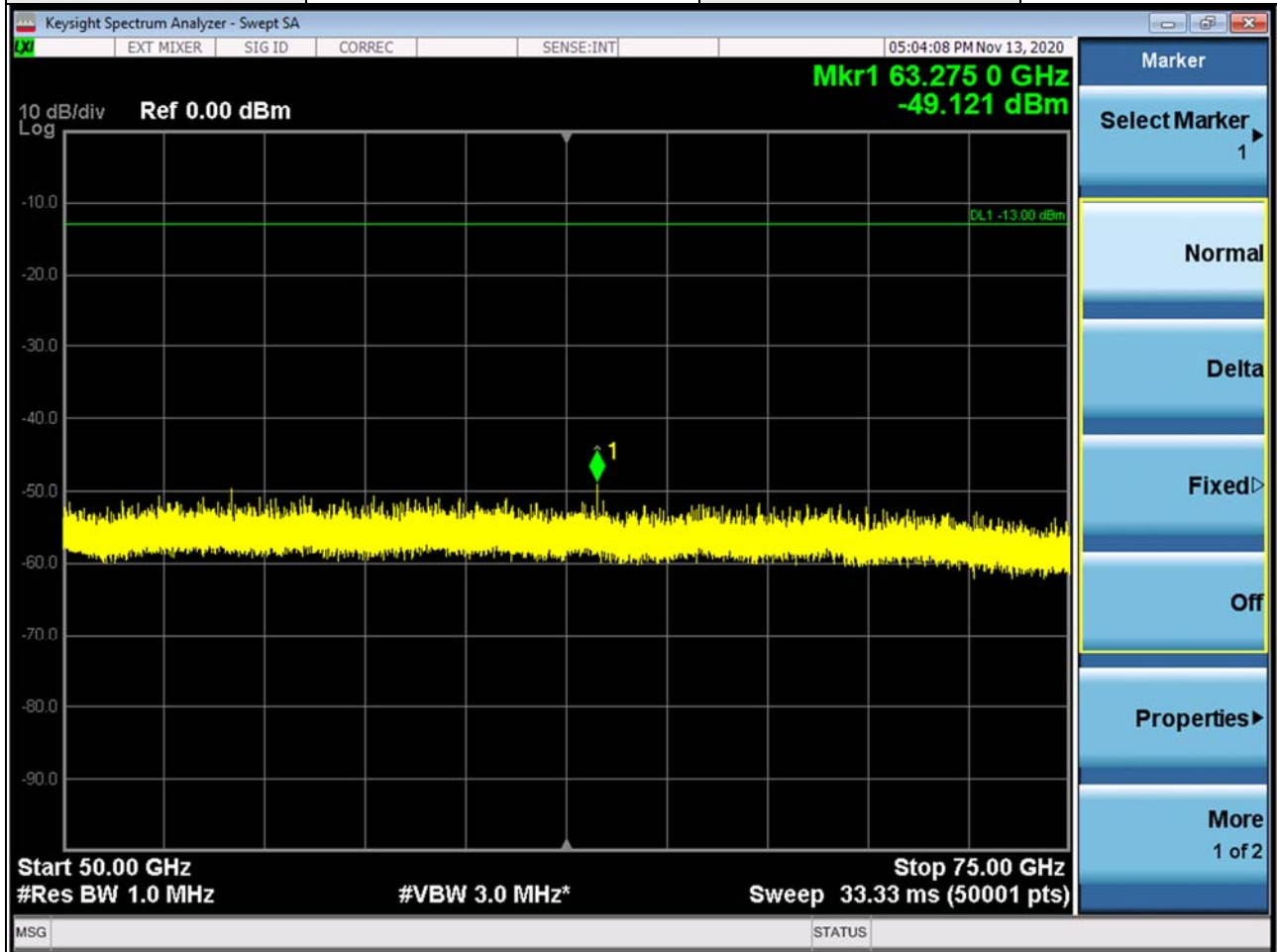
Band	n261	Beam ID	167
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



**Note:**

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

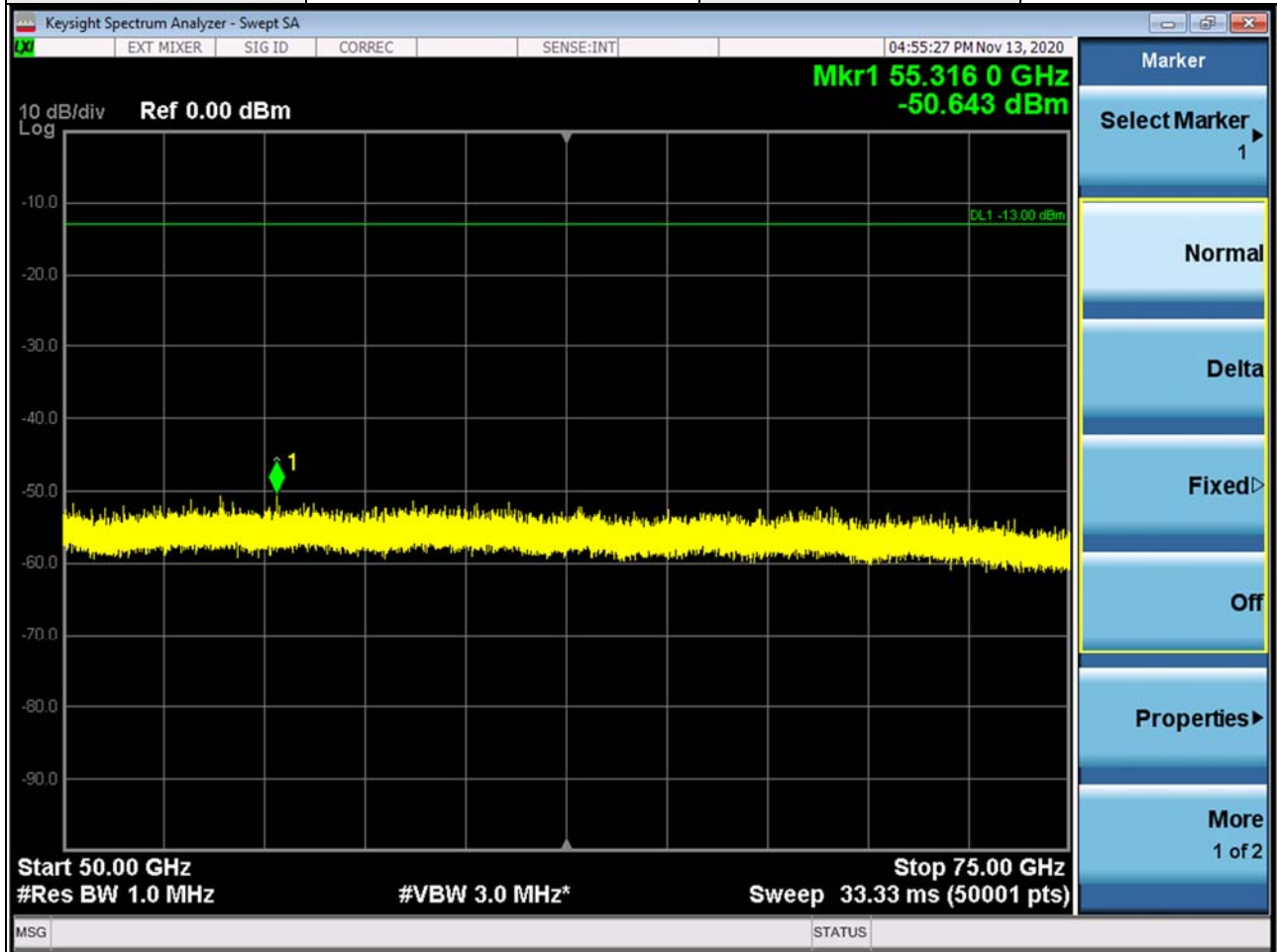
Band	n261	Beam ID	167
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



**Note:**

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

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

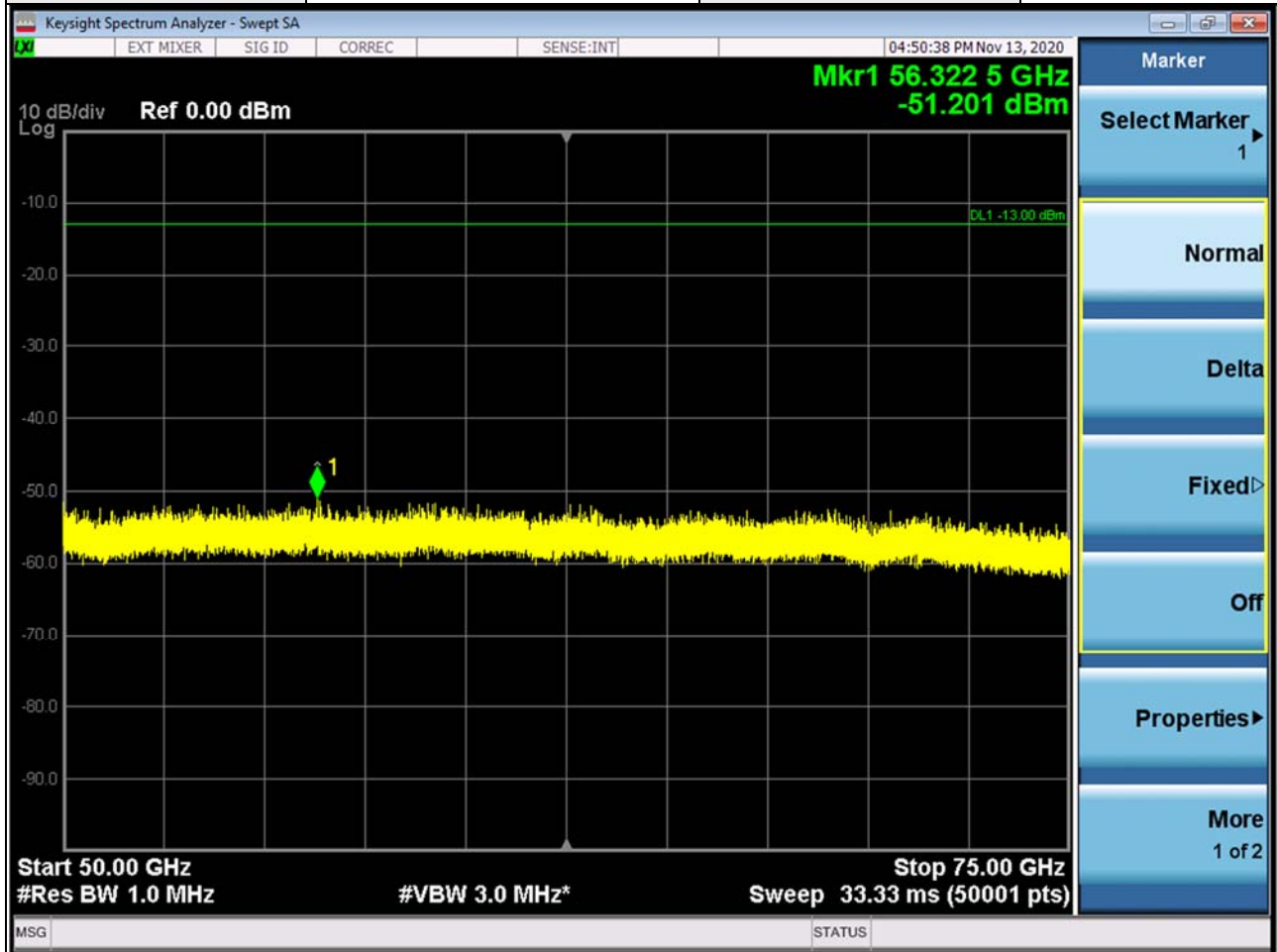


Note:

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



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

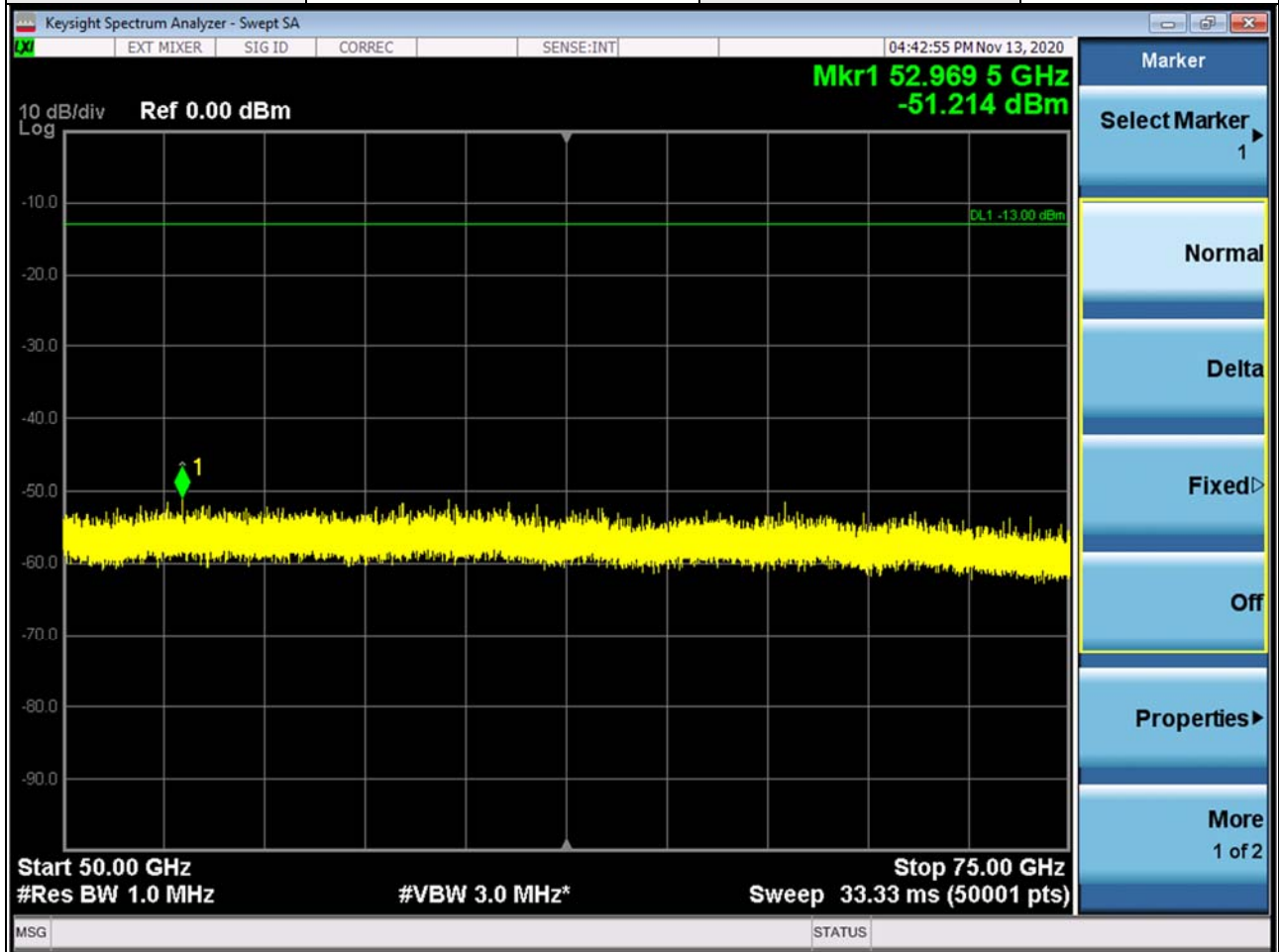


Note:

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



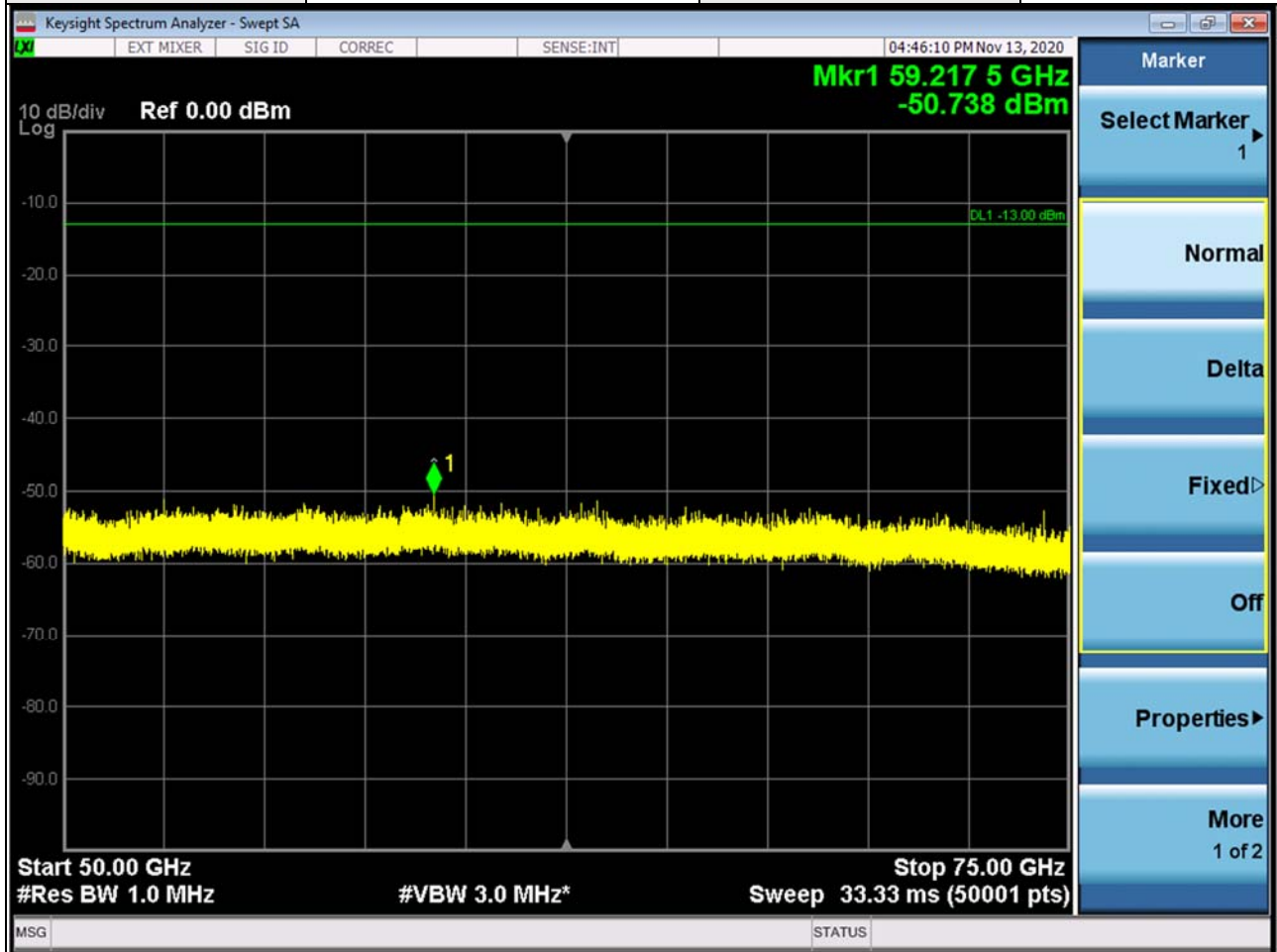
Band	n261	Beam ID	167
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Note:

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

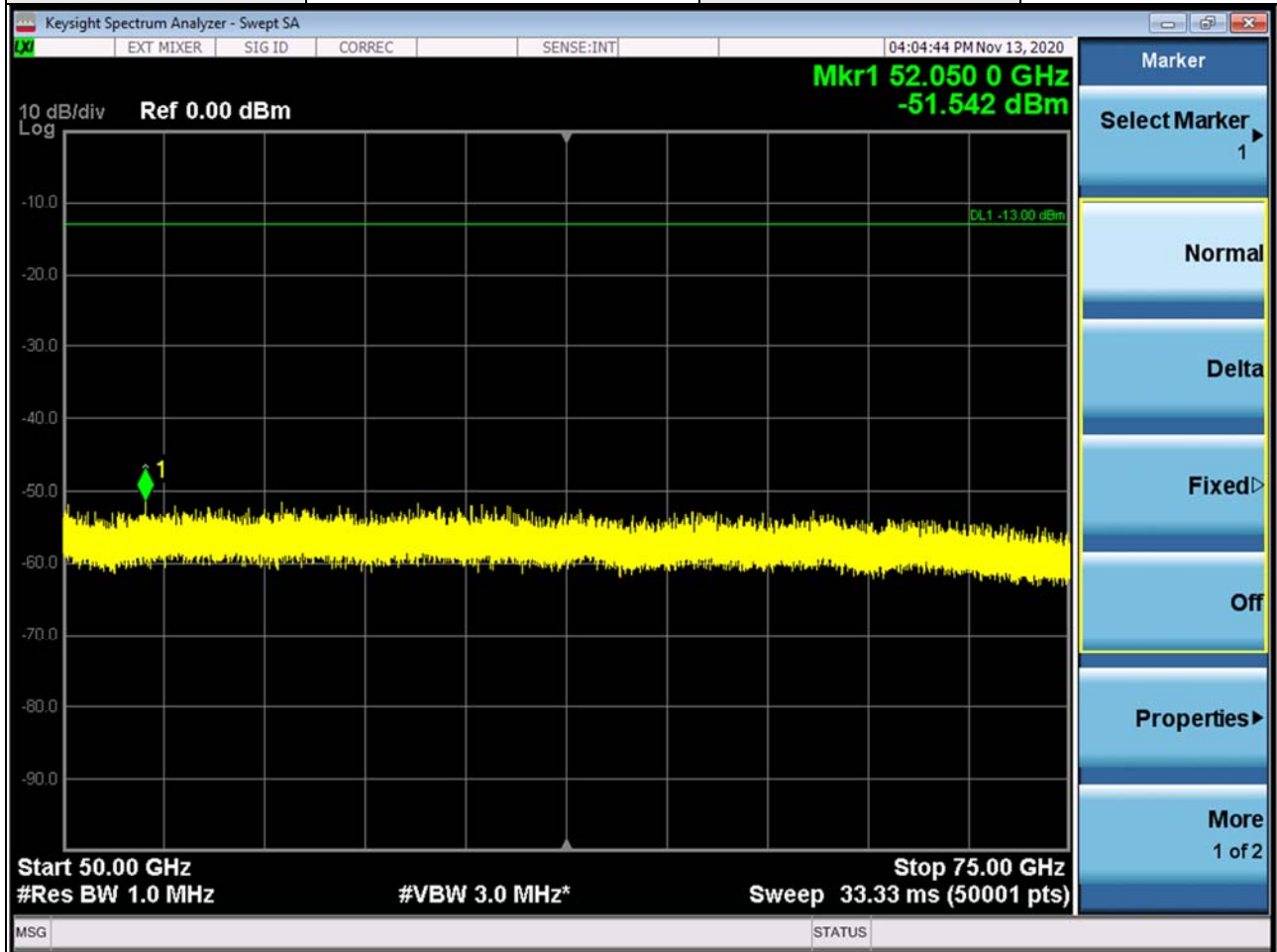
Band	n261	Beam ID	167
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

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

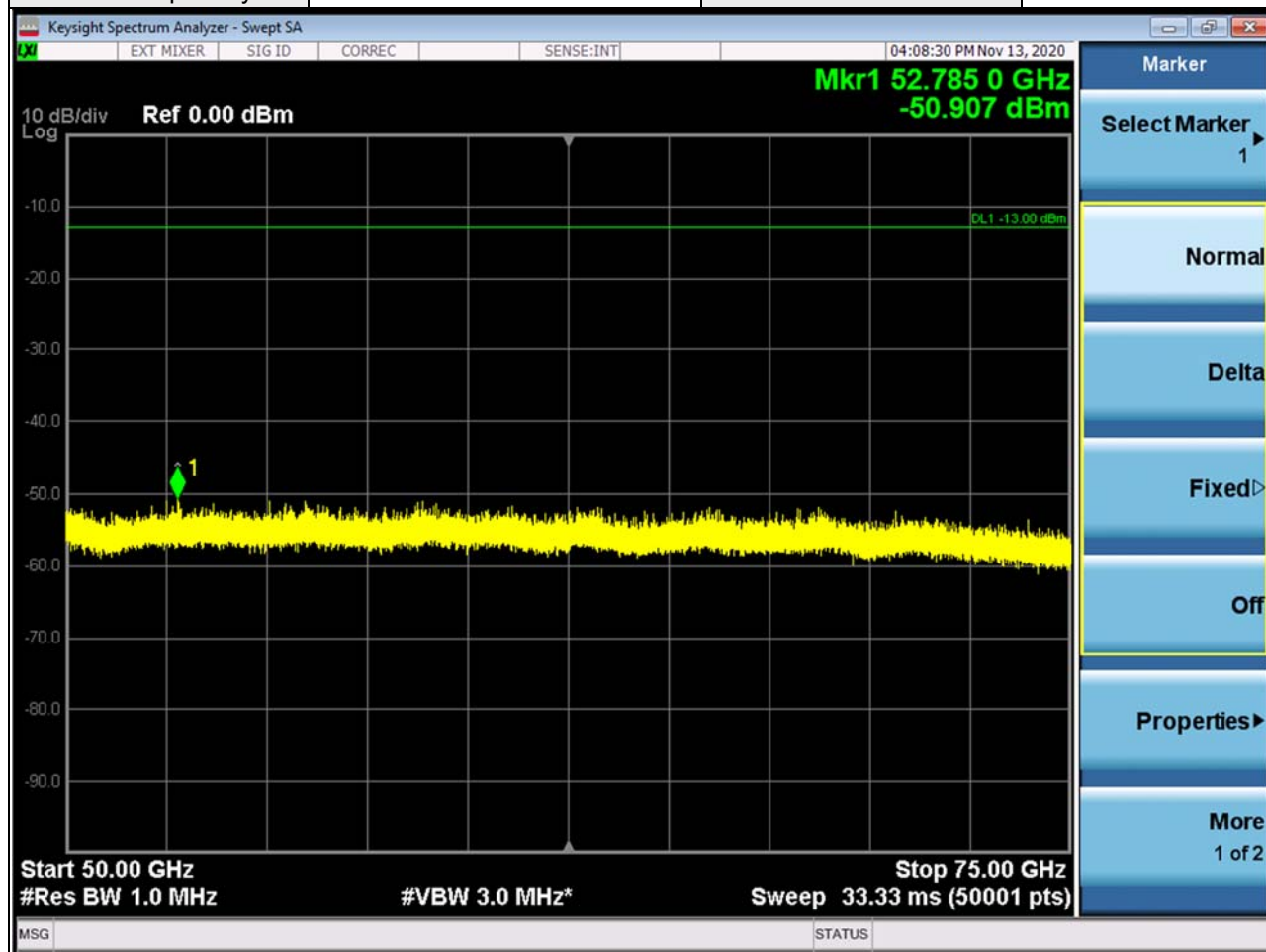
Band	n261	Beam ID	30 + 158
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n261	Beam ID	30 + 158
Frequency Range	50GHz-75GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

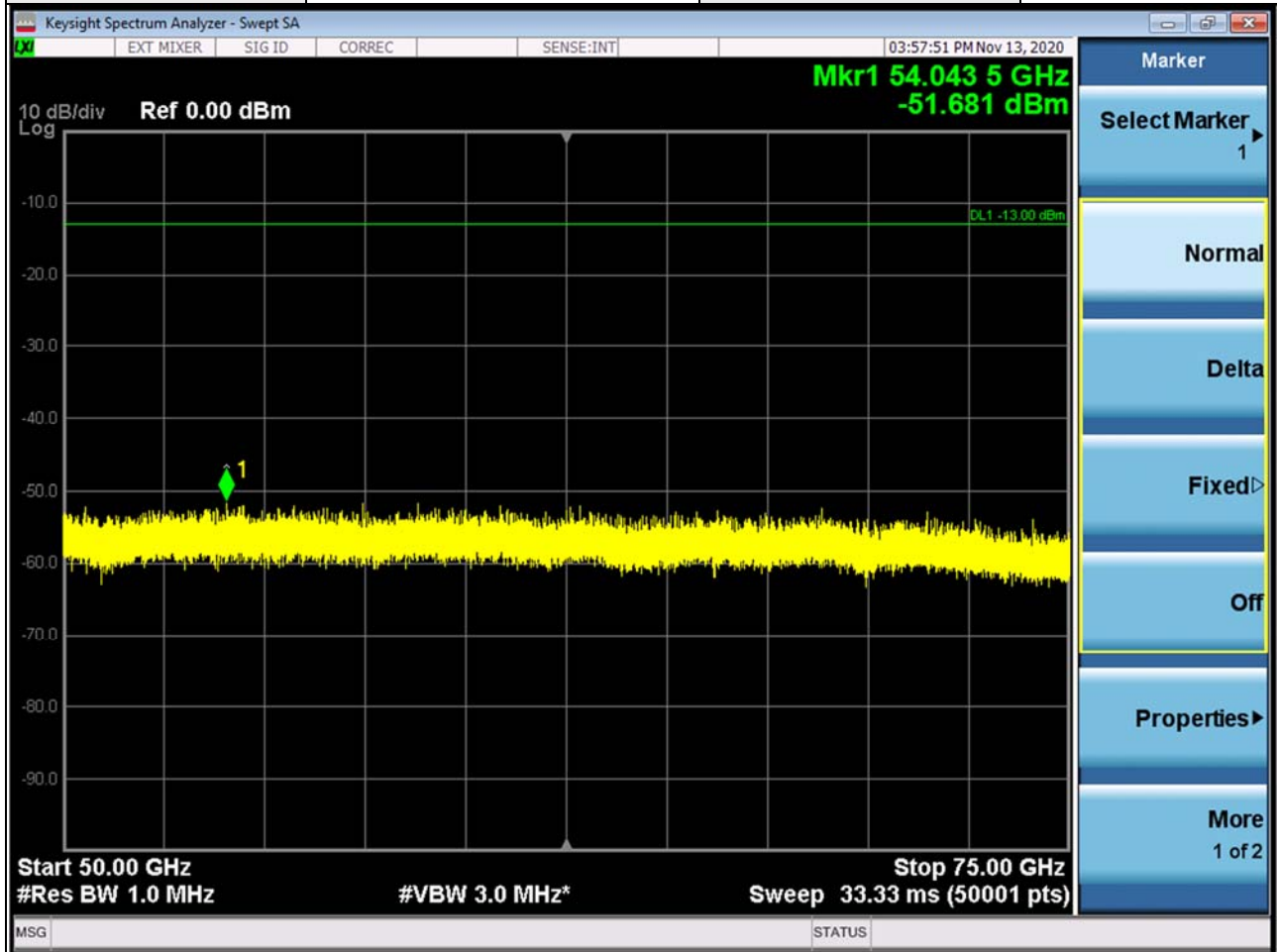
1. The test results already include the correction factor (corrections: On).
2.  $EIRP(dBm) = \text{Raw Value}(dBuV) + \text{Correction Factor}(dB/m) + \text{Harmonic Mixer Conversion Loss}(dB)$ .
3.  $\text{Correction Factor}(dB/m) = \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier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

#### Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662930 D01, the MIMO Out-of Band emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
30 + 158	-51.542	-50.907	-48.203	-13	-35.203	Pass

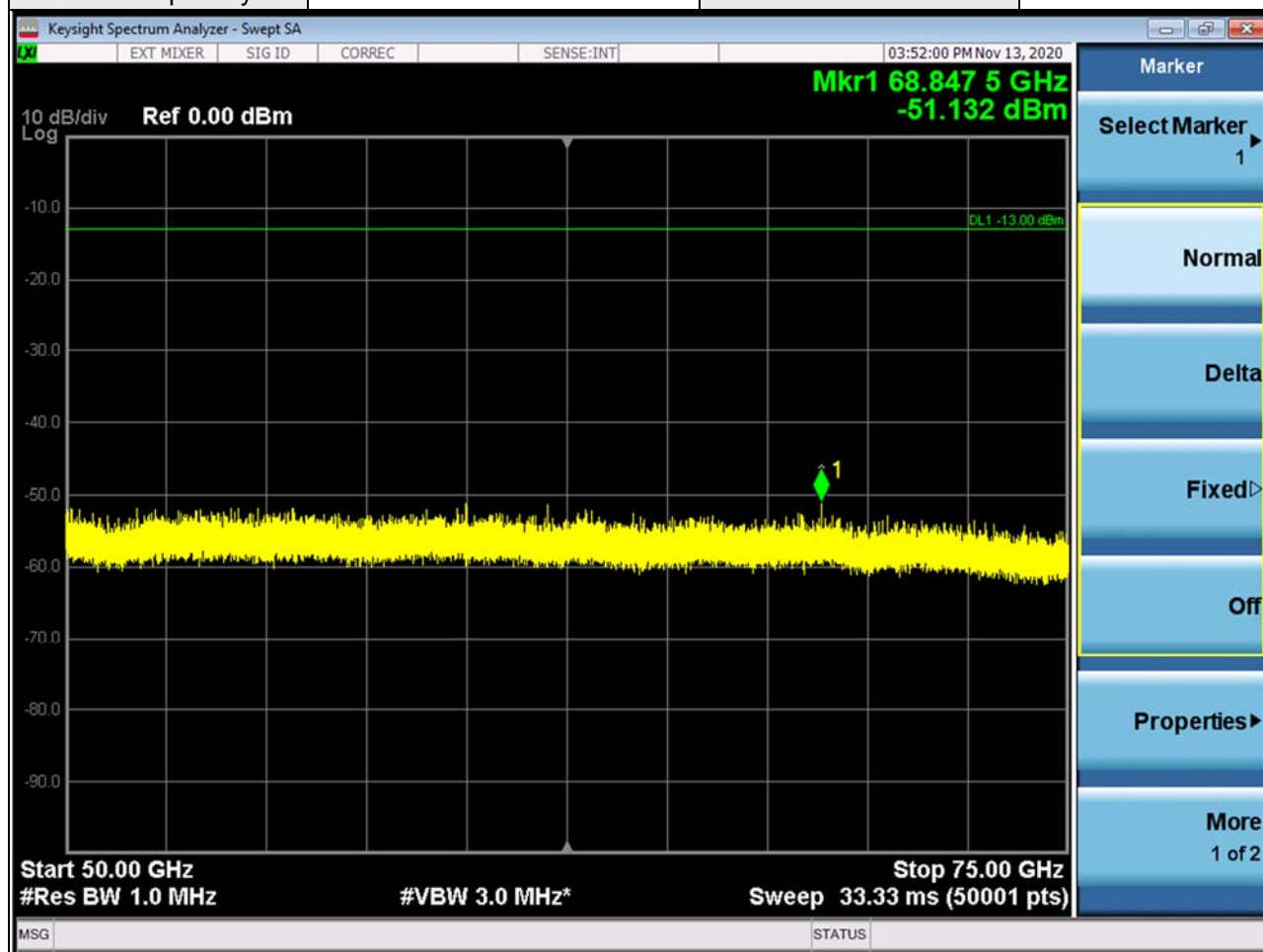
Band	n261	Beam ID	30 + 158
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n261	Beam ID	30 + 158
Frequency Range	50GHz-75GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



Note:

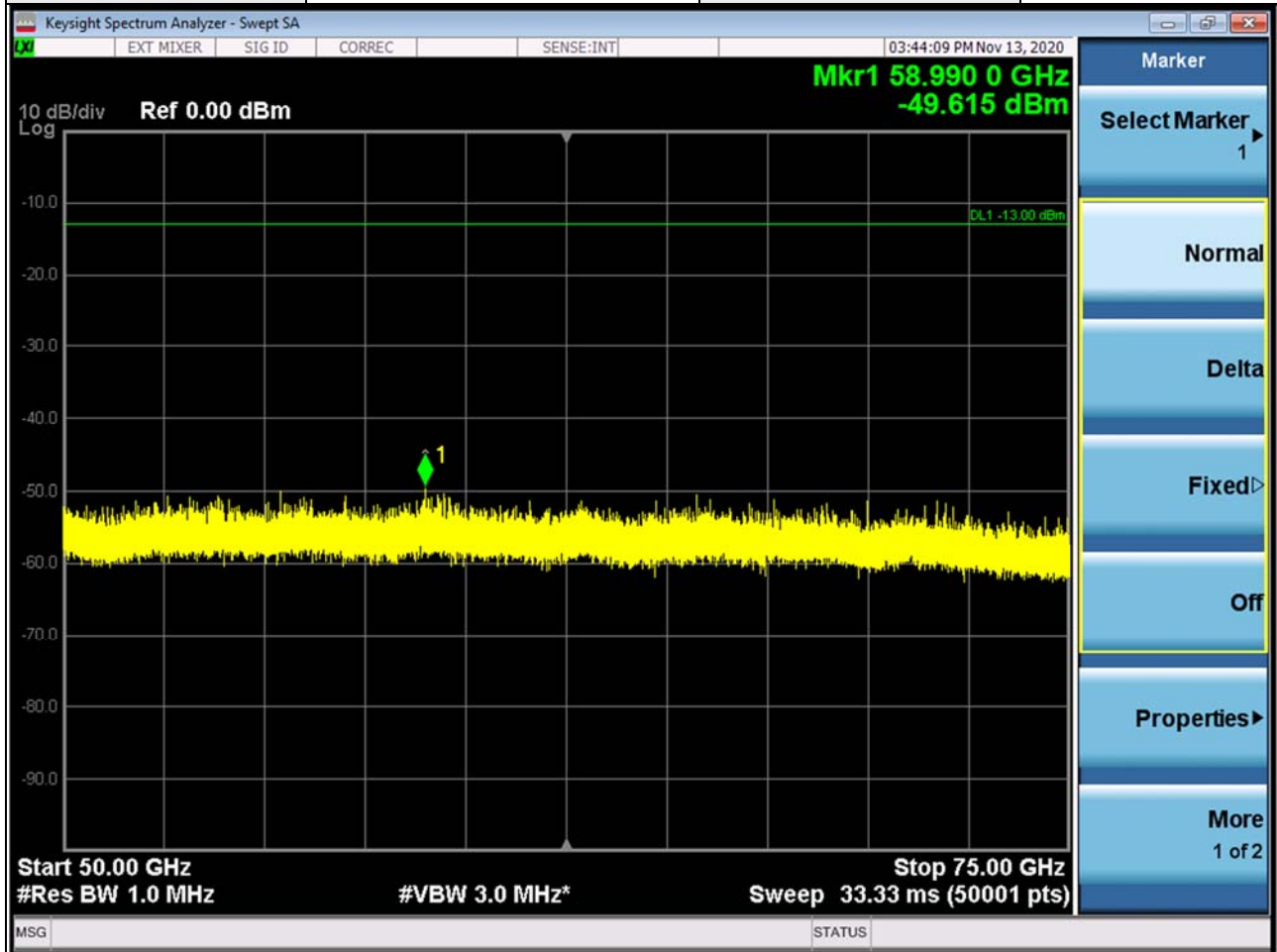
1. The test results already include the correction factor (corrections: On).
2.  $EIRP(dBm) = \text{Raw Value}(dBuV) + \text{Correction Factor}(dB/m) + \text{Harmonic Mixer Conversion Loss} (dB)$ .
3.  $\text{Correction Factor}(dB/m) = \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier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

#### Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662930 D01, the MIMO Out-of Band emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
30 + 158	-51.681	-51.132	-48.388	-13	-35.388	Pass

Band	n261	Beam ID	30 + 158
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m

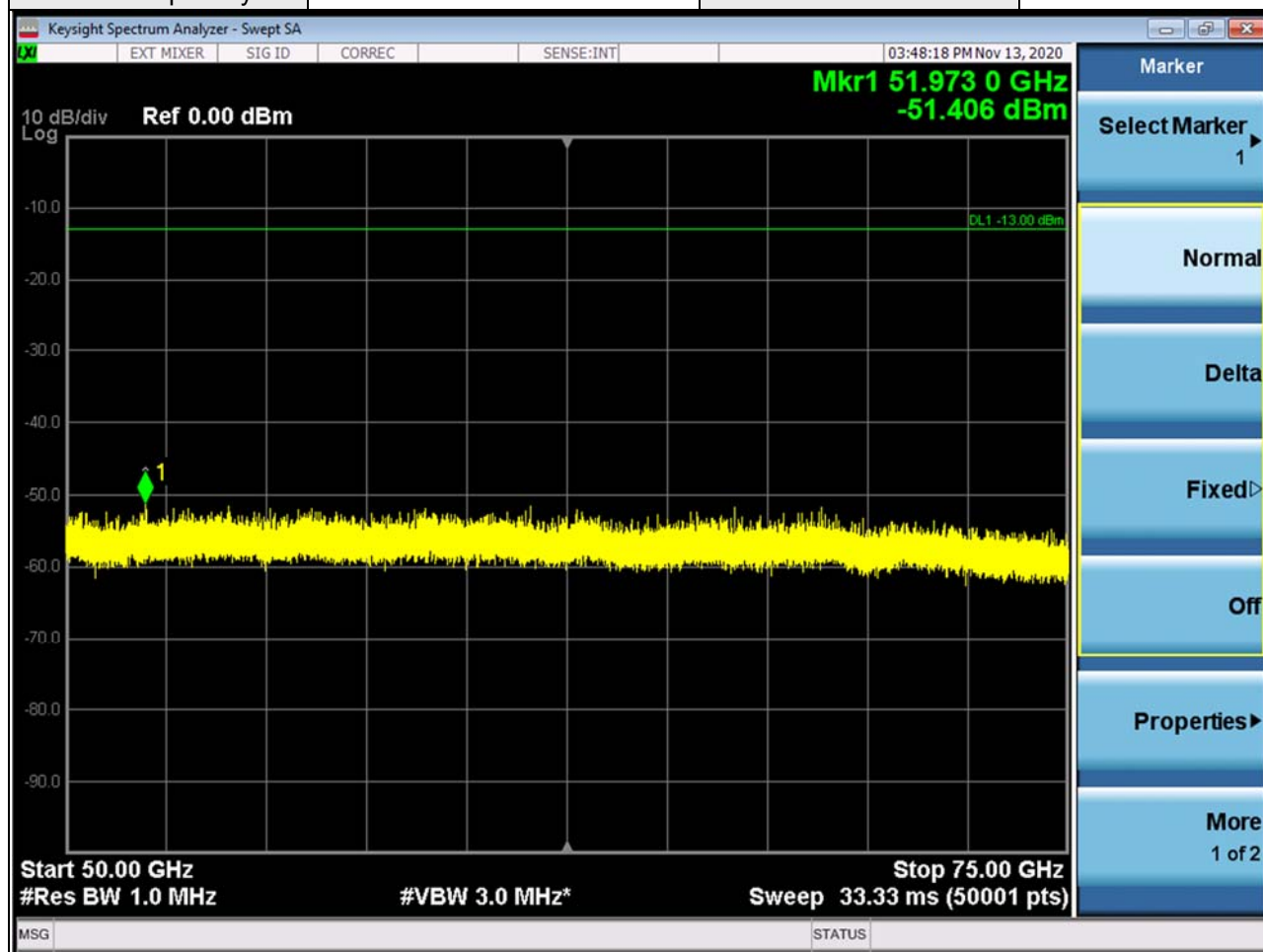


Note:

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



Band	n261	Beam ID	30 + 158
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.  $EIRP(dBm) = \text{Raw Value}(dBuV) + \text{Correction Factor}(dB/m) + \text{Harmonic Mixer Conversion Loss} (dB)$ .
3.  $\text{Correction Factor}(dB/m) = \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier Factor}(dB) + 20\log(D) - 104.8$ .

#### Summary of MIMO Beam Out-of Band Emission:

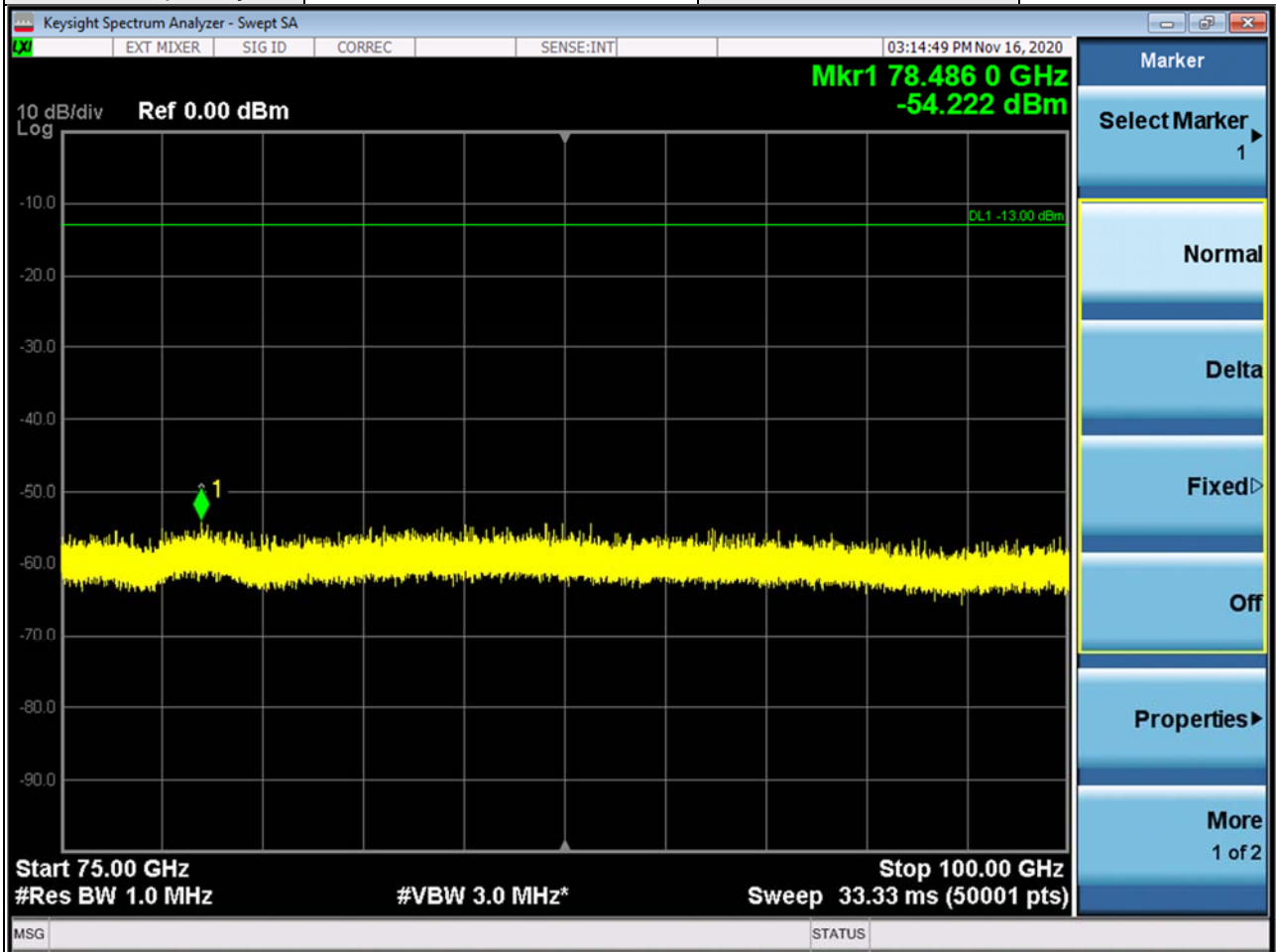
To address compliance of MIMO Out-of Band emission per KDB 662930 D01, the MIMO Out-of Band emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
30 + 158	-49.615	-51.406	-47.409	-13	-34.409	Pass



75GHz ~ 100GHz:

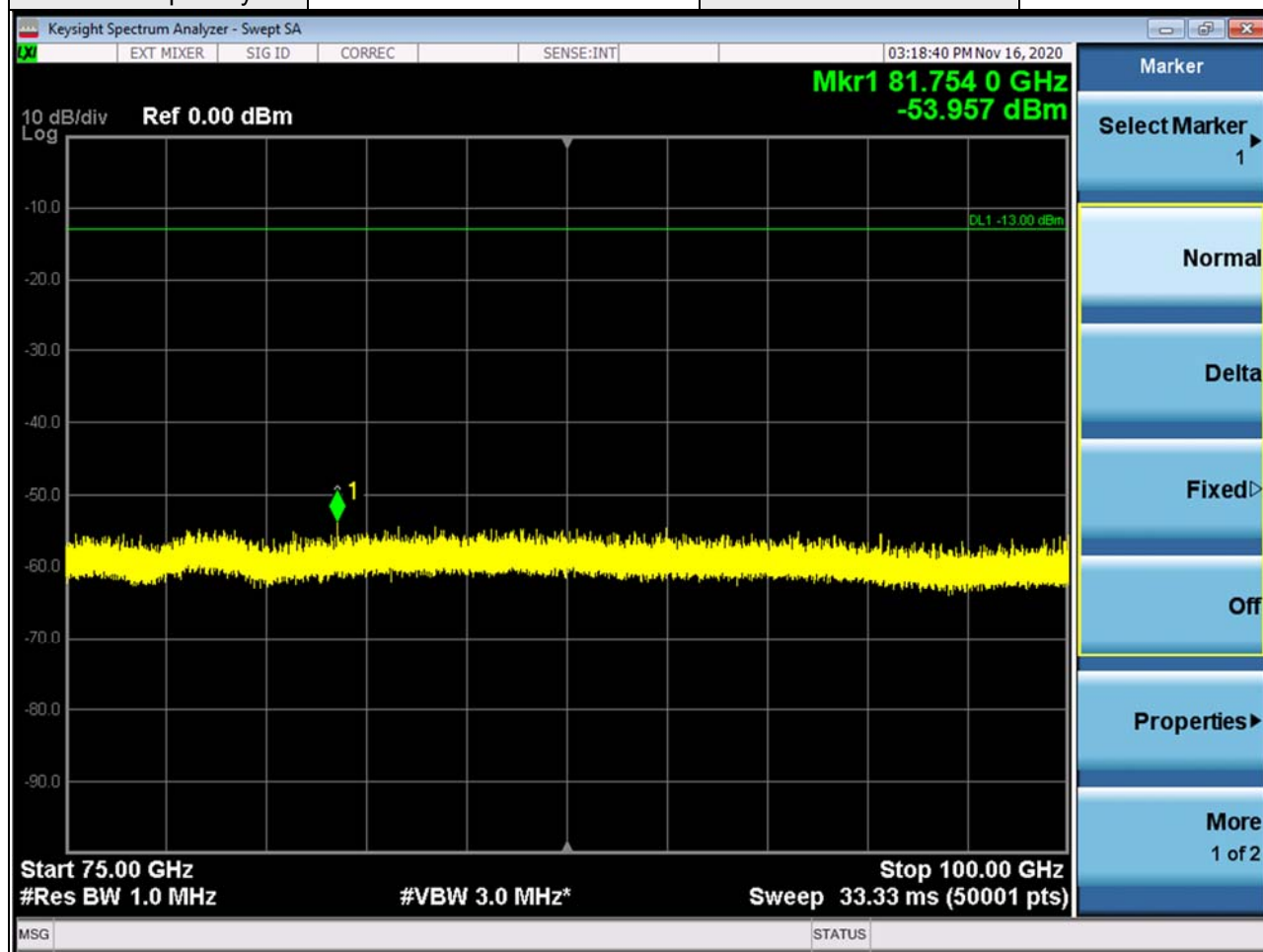
Band	n261	Beam ID	30
Frequency Range	75GHz-100GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



Note:

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

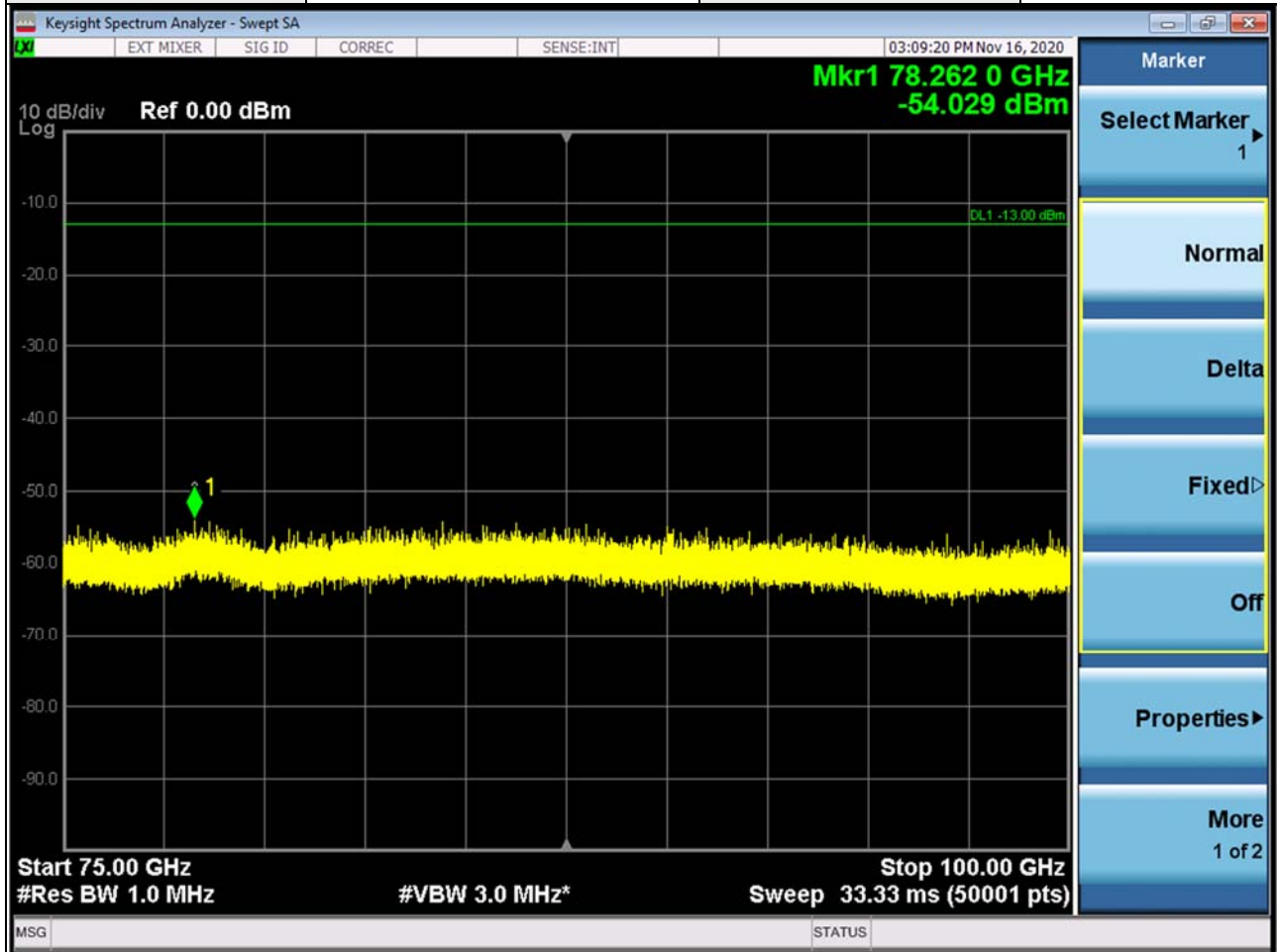
Band	n261	Beam ID	30
Frequency Range	75GHz-100GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

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

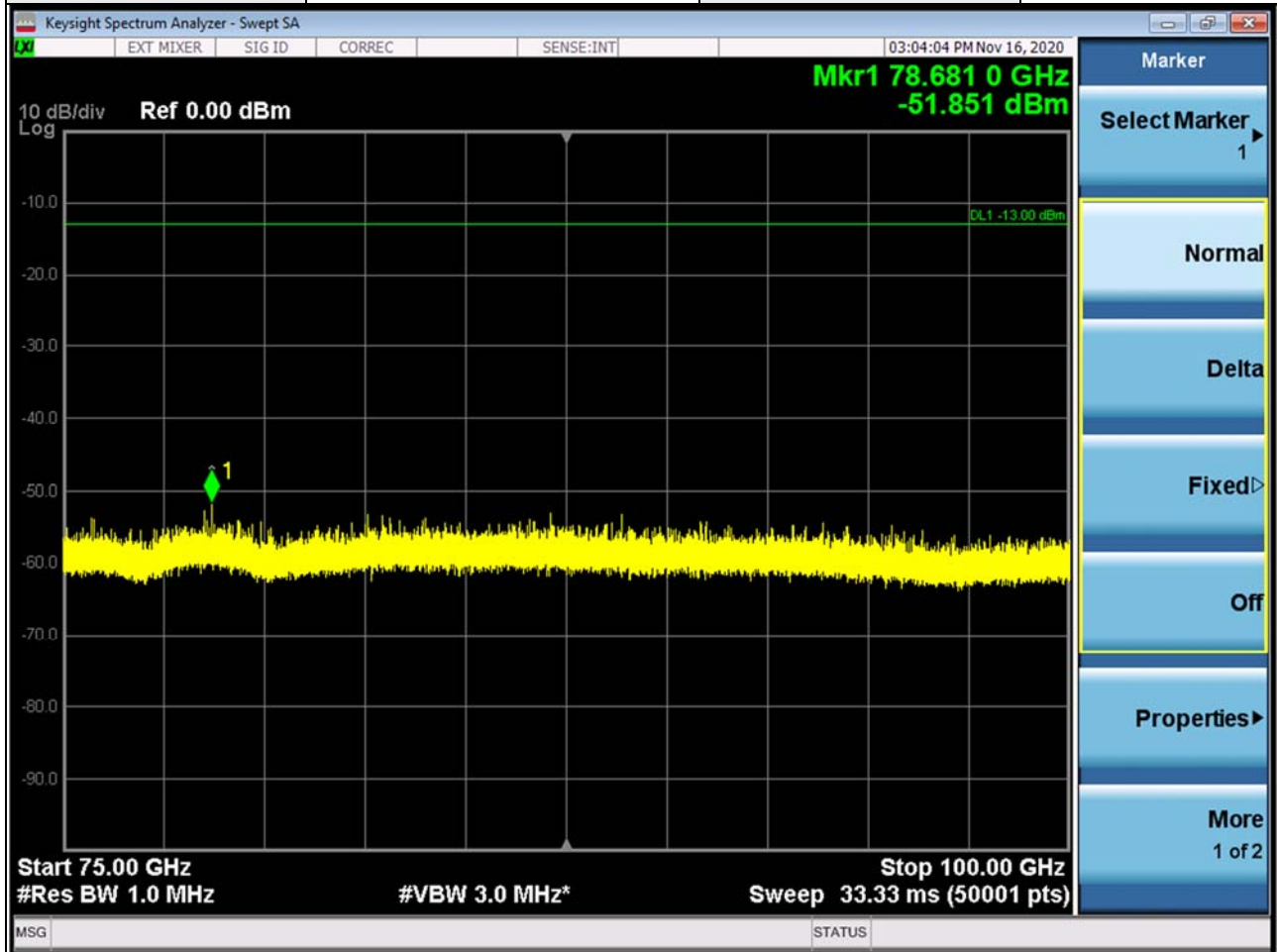
Band	n261	Beam ID	30
Frequency Range	75GHz-100GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

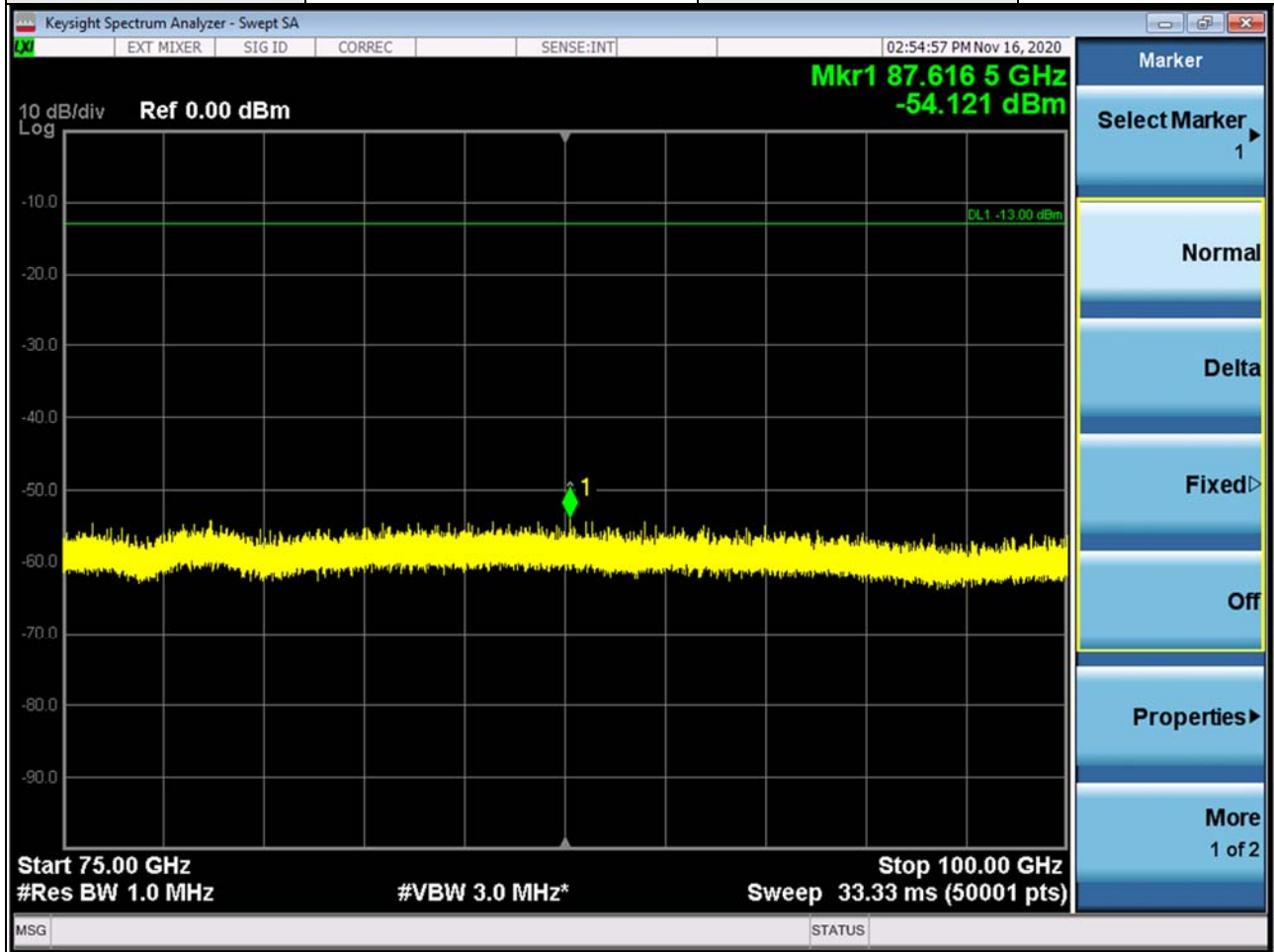
Band	n261	Beam ID	30
Frequency Range	75GHz-100GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



Note:

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

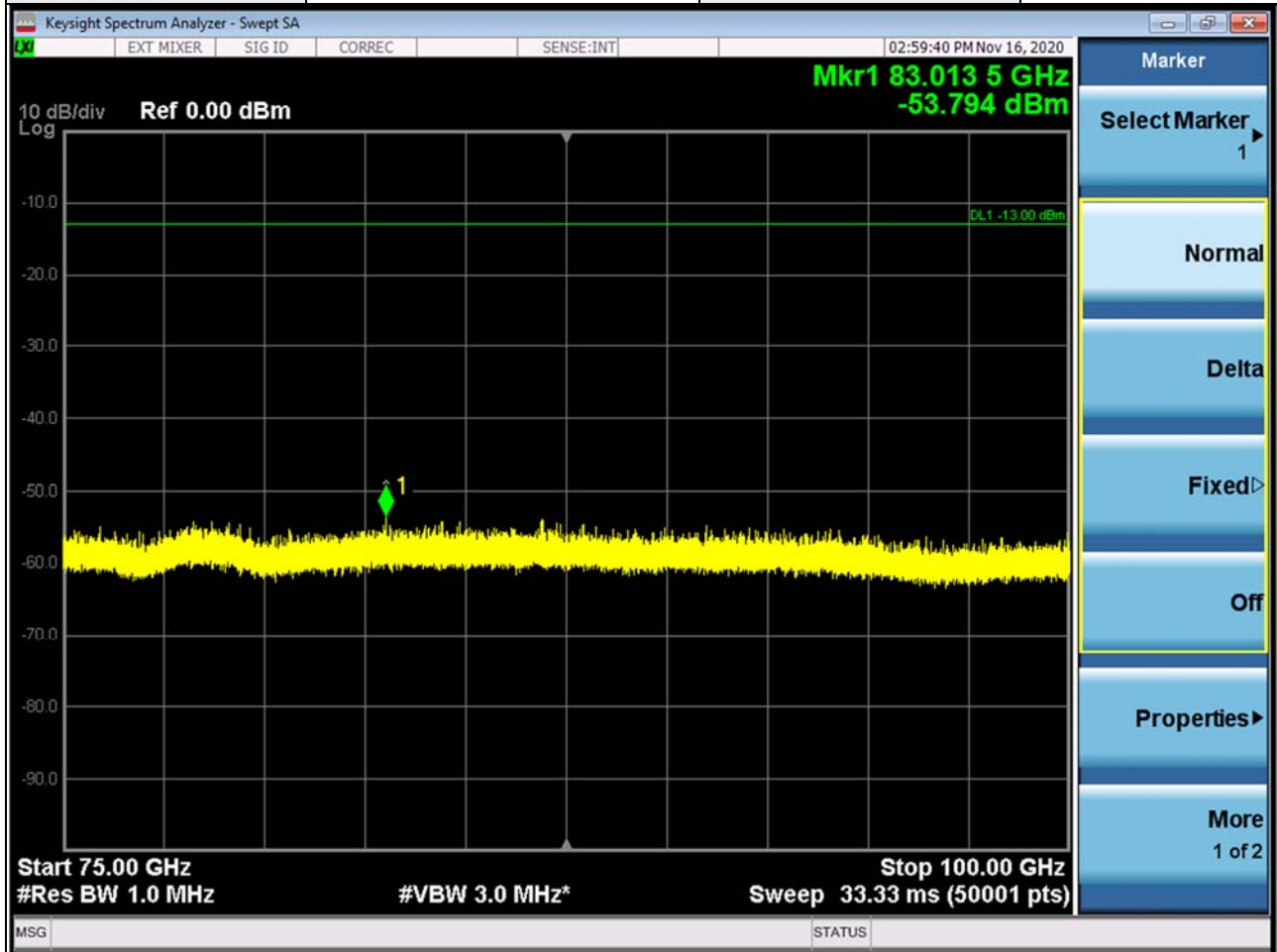
Band	n261	Beam ID	30
Frequency Range	75GHz-100GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Note:

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

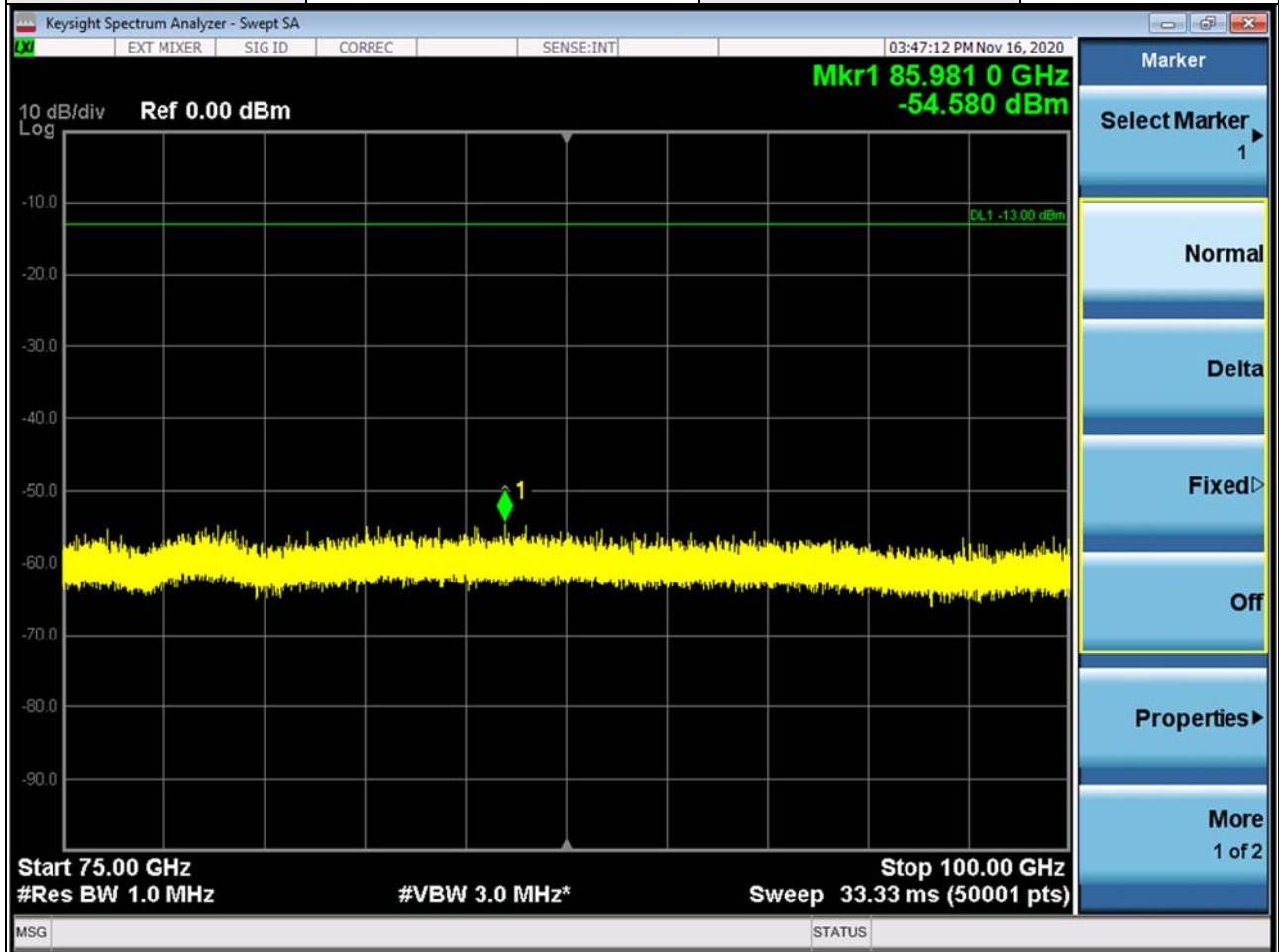
Band	n261	Beam ID	30
Frequency Range	75GHz-100GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



**Note:**

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

Band	n261	Beam ID	167
Frequency Range	75GHz-100GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m

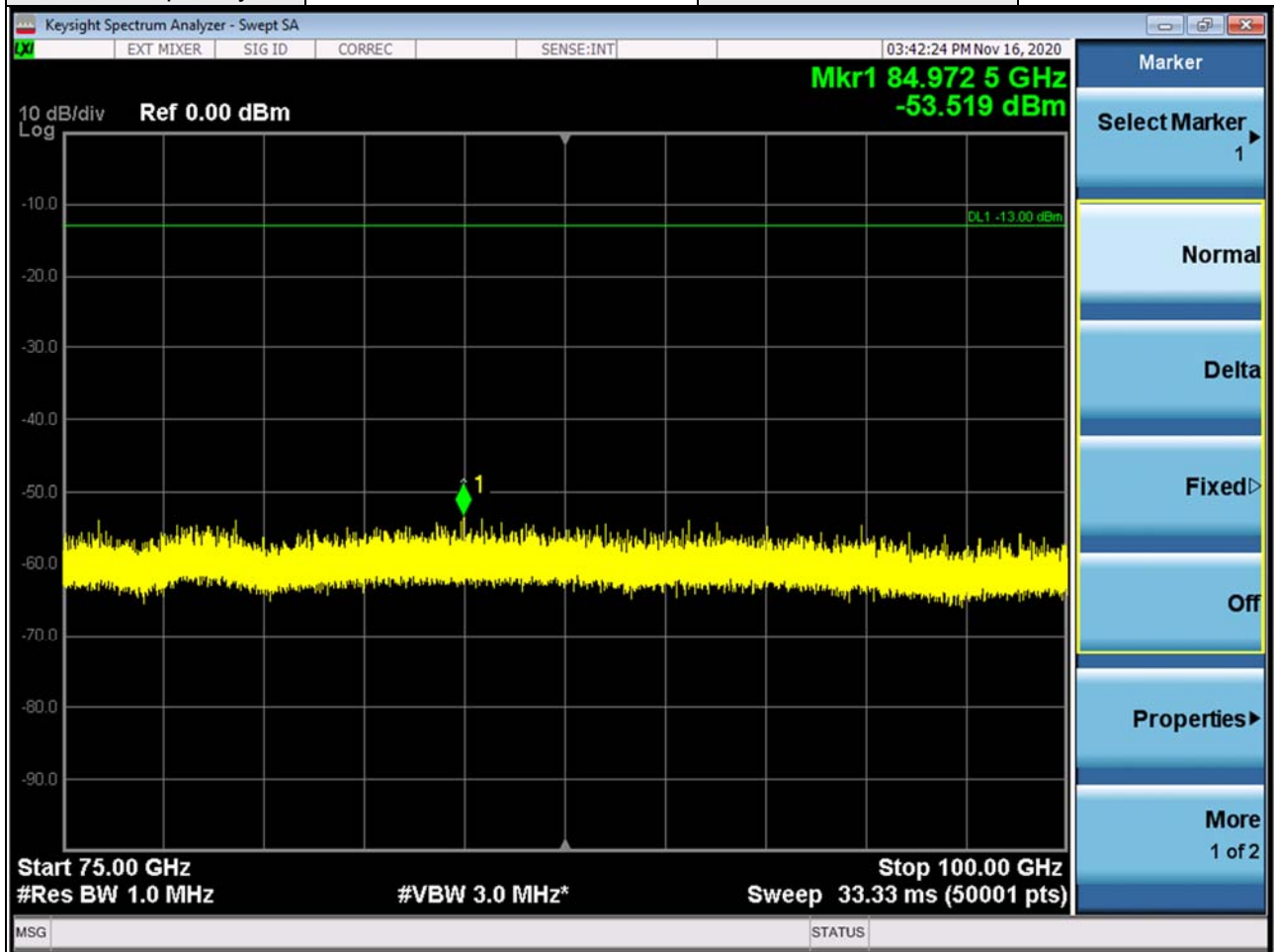


Note:

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



Band	n261	Beam ID	167
Frequency Range	75GHz-100GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m

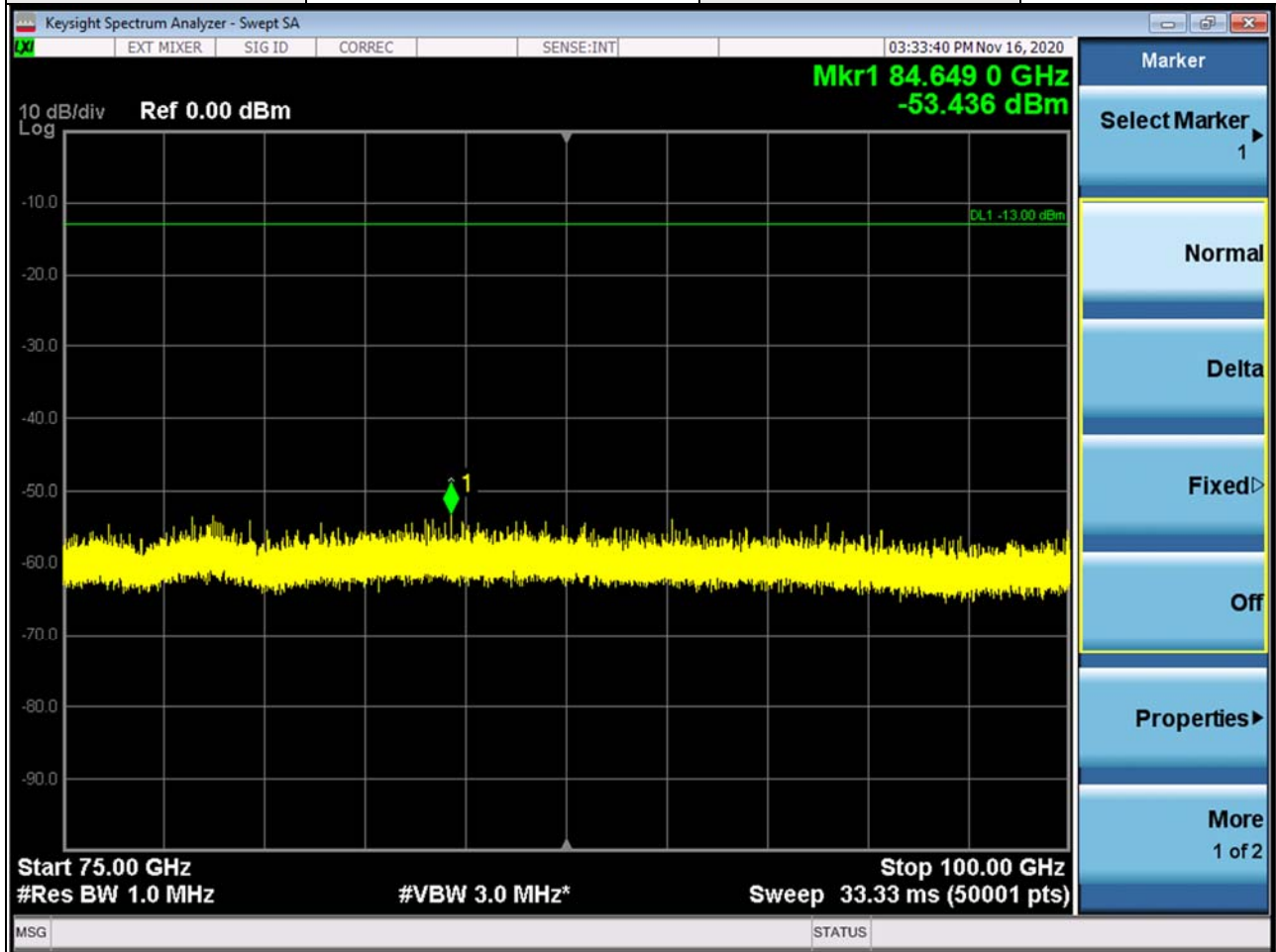


Note:

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



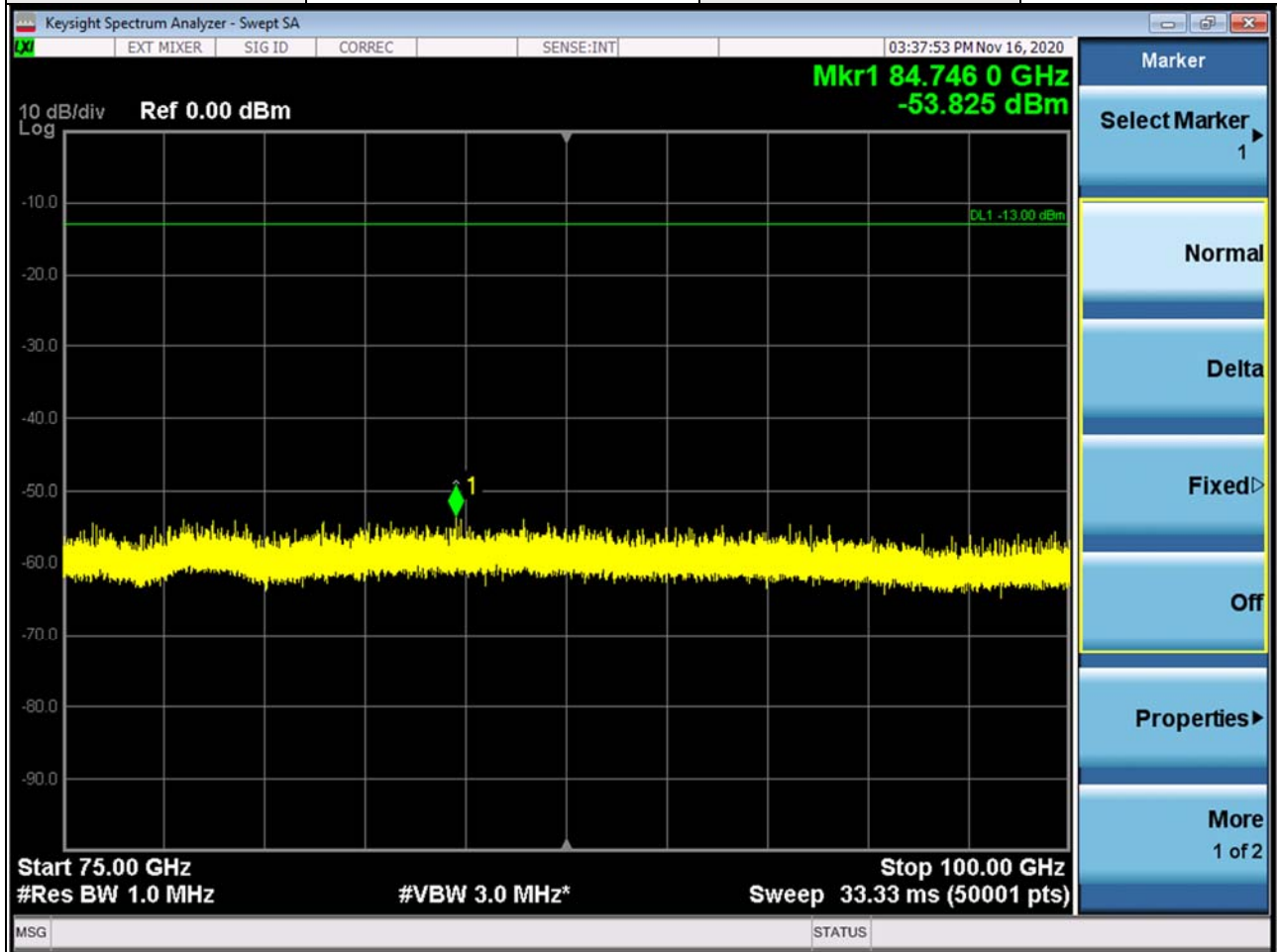
Band	n261	Beam ID	167
Frequency Range	75GHz-100GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m



Note:

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

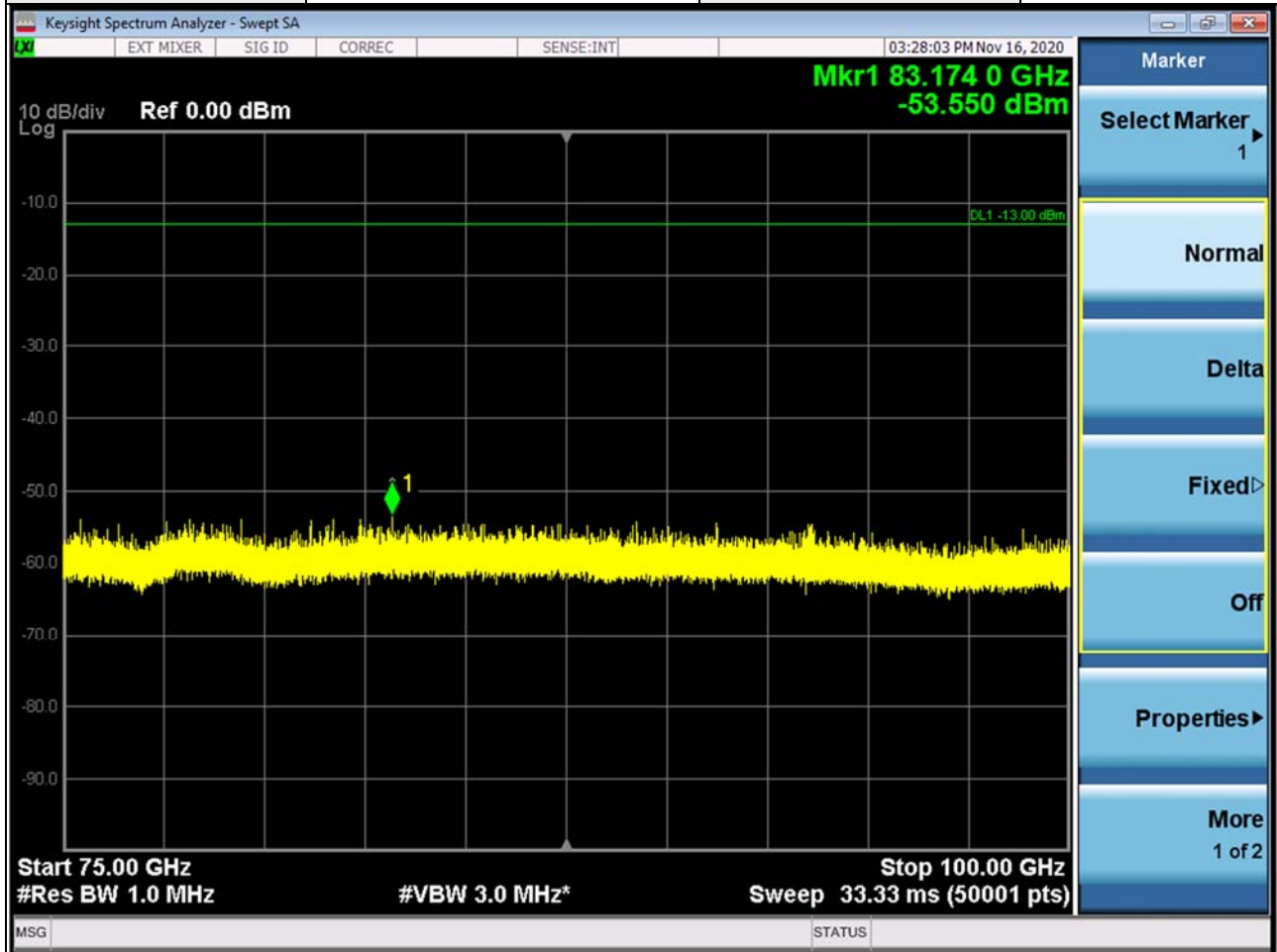
Band	n261	Beam ID	167
Frequency Range	75GHz-100GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



Note:

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

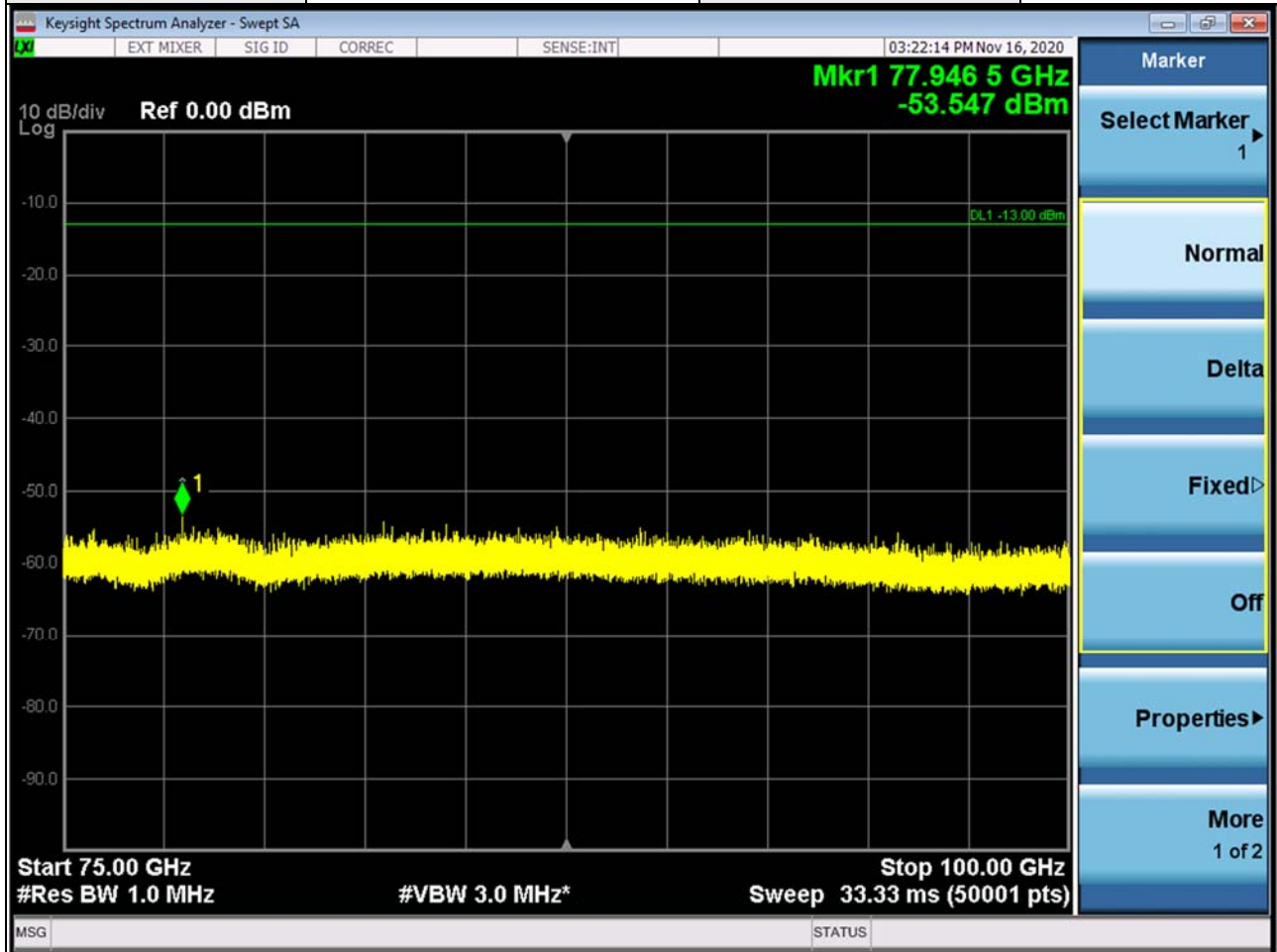
Band	n261	Beam ID	167
Frequency Range	75GHz-100GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Note:

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

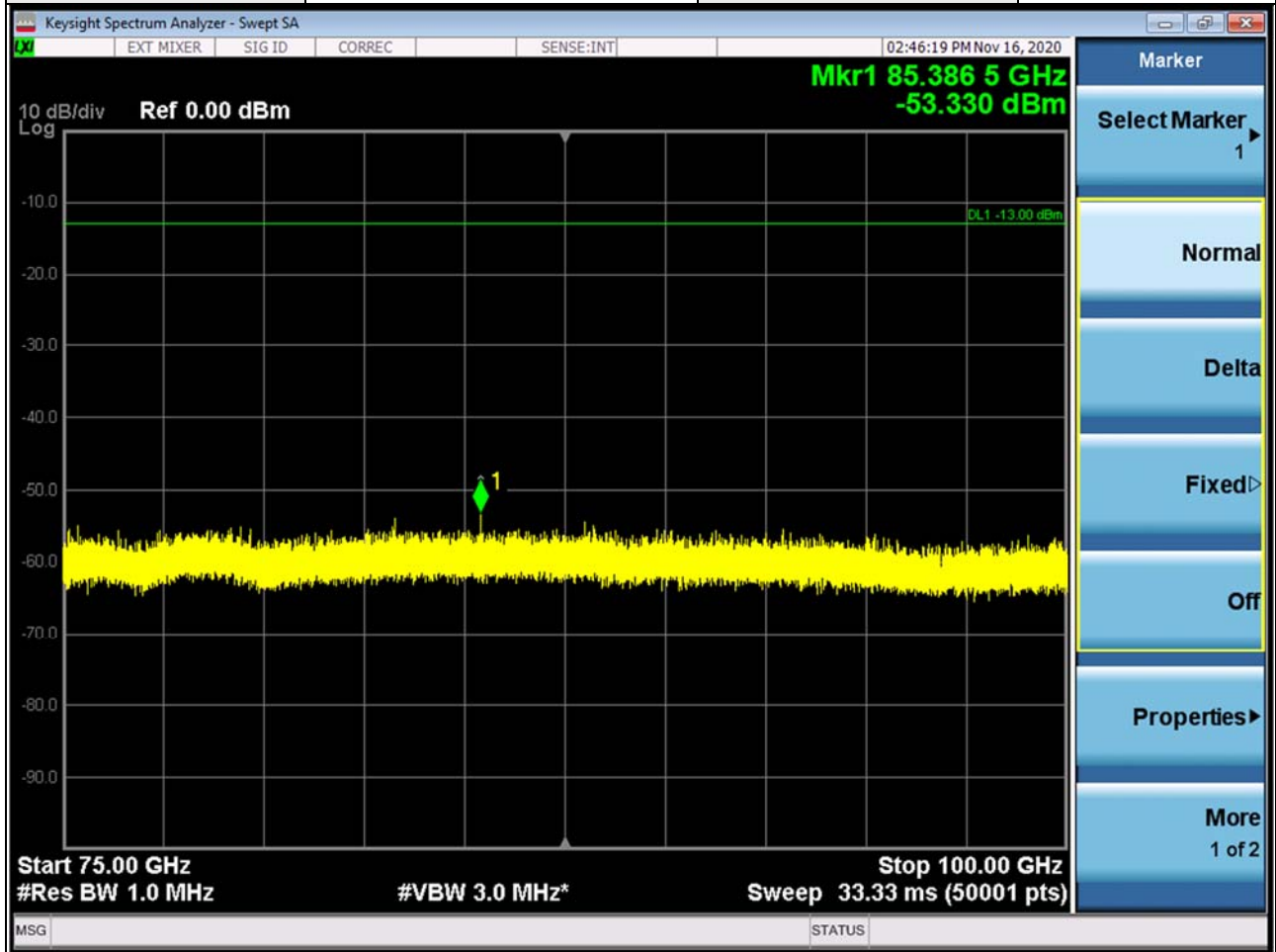
Band	n261	Beam ID	167
Frequency Range	75GHz-100GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

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

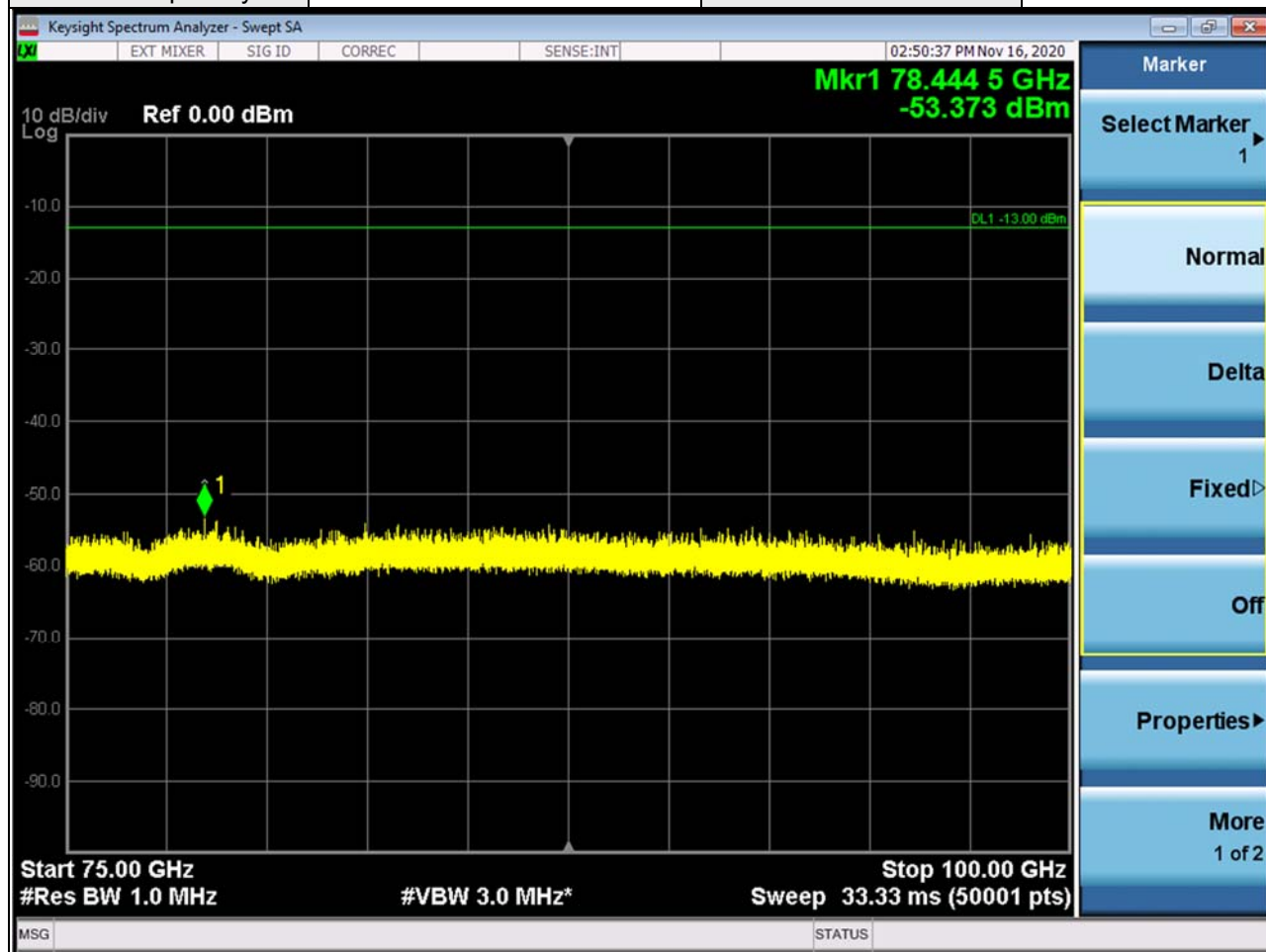
Band	n261	Beam ID	30 + 158
Frequency Range	75GHz-100GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n261	Beam ID	30 + 158
Frequency Range	75GHz-100GHz	Channel	Low
Antenna polarity	Vertical	Test distance	1m



Note:

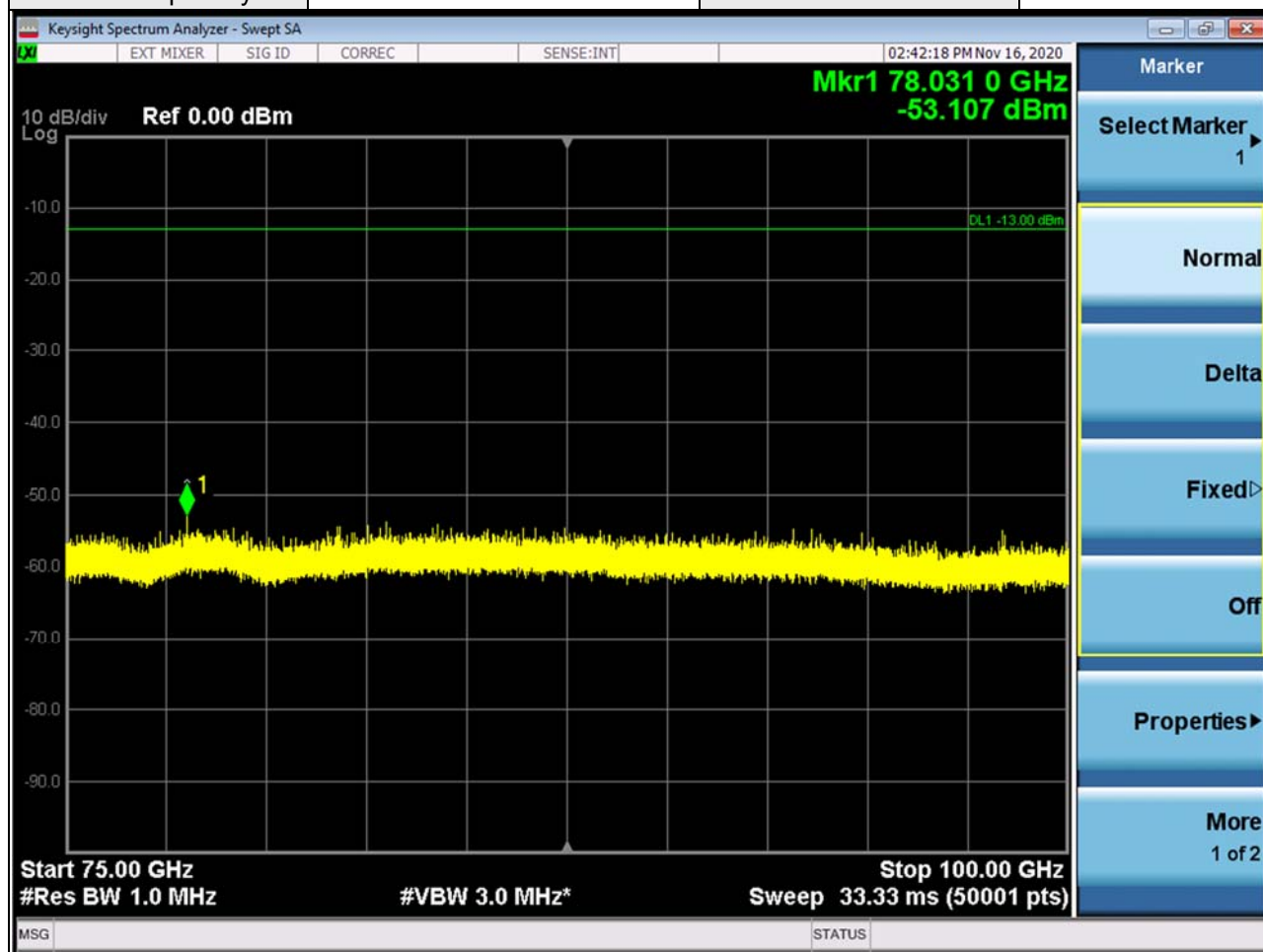
1. The test results already include the correction factor (corrections: On).
2.  $EIRP(dBm) = \text{Raw Value}(dBuV) + \text{Correction Factor}(dB/m) + \text{Harmonic Mixer Conversion Loss}(dB)$ .
3.  $\text{Correction Factor}(dB/m) = \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre-Amplifier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

#### Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662930 D01, the MIMO Out-of Band emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
30 + 158	-53.330	-53.373	-50.341	-13	-37.341	Pass

Band	n261	Beam ID	30 + 158
Frequency Range	75GHz-100GHz	Channel	Middle
Antenna polarity	Horizontal	Test distance	1m

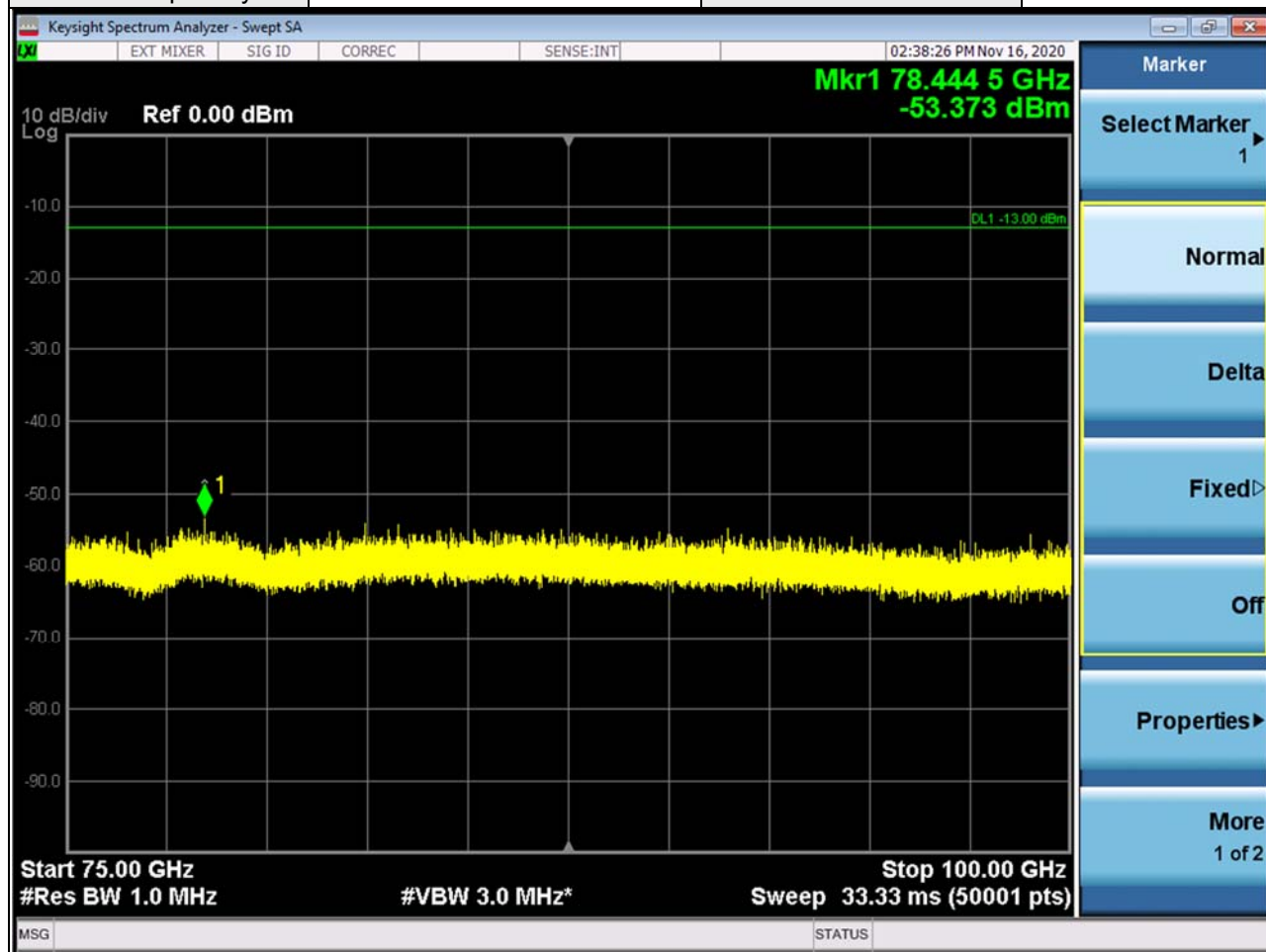


Note:

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



Band	n261	Beam ID	30 + 158
Frequency Range	75GHz-100GHz	Channel	Middle
Antenna polarity	Vertical	Test distance	1m



Note:

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

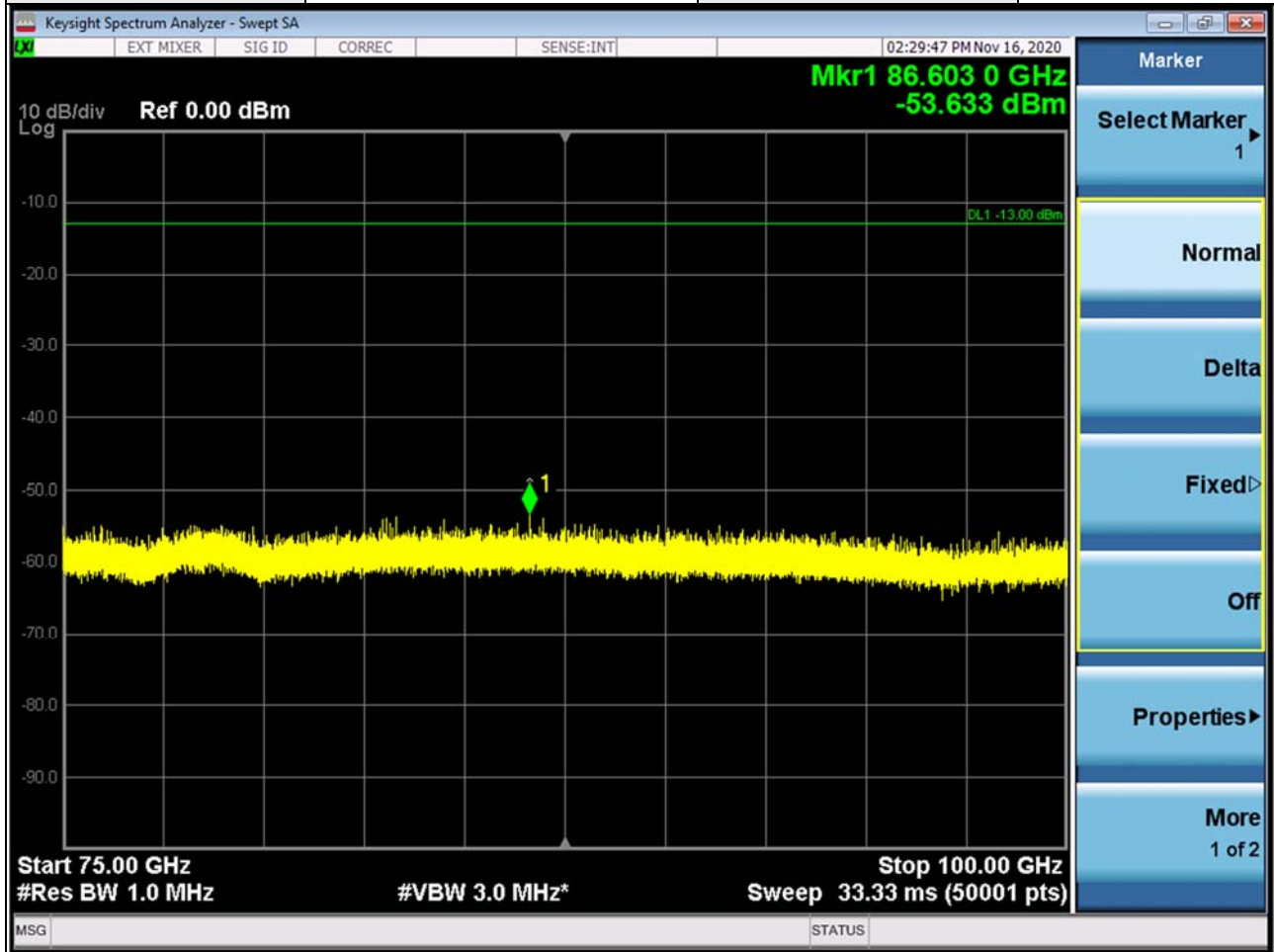
#### Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662930 D01, the MIMO Out-of Band emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
30 + 158	-53.107	-53.373	-50.228	-13	-37.228	Pass



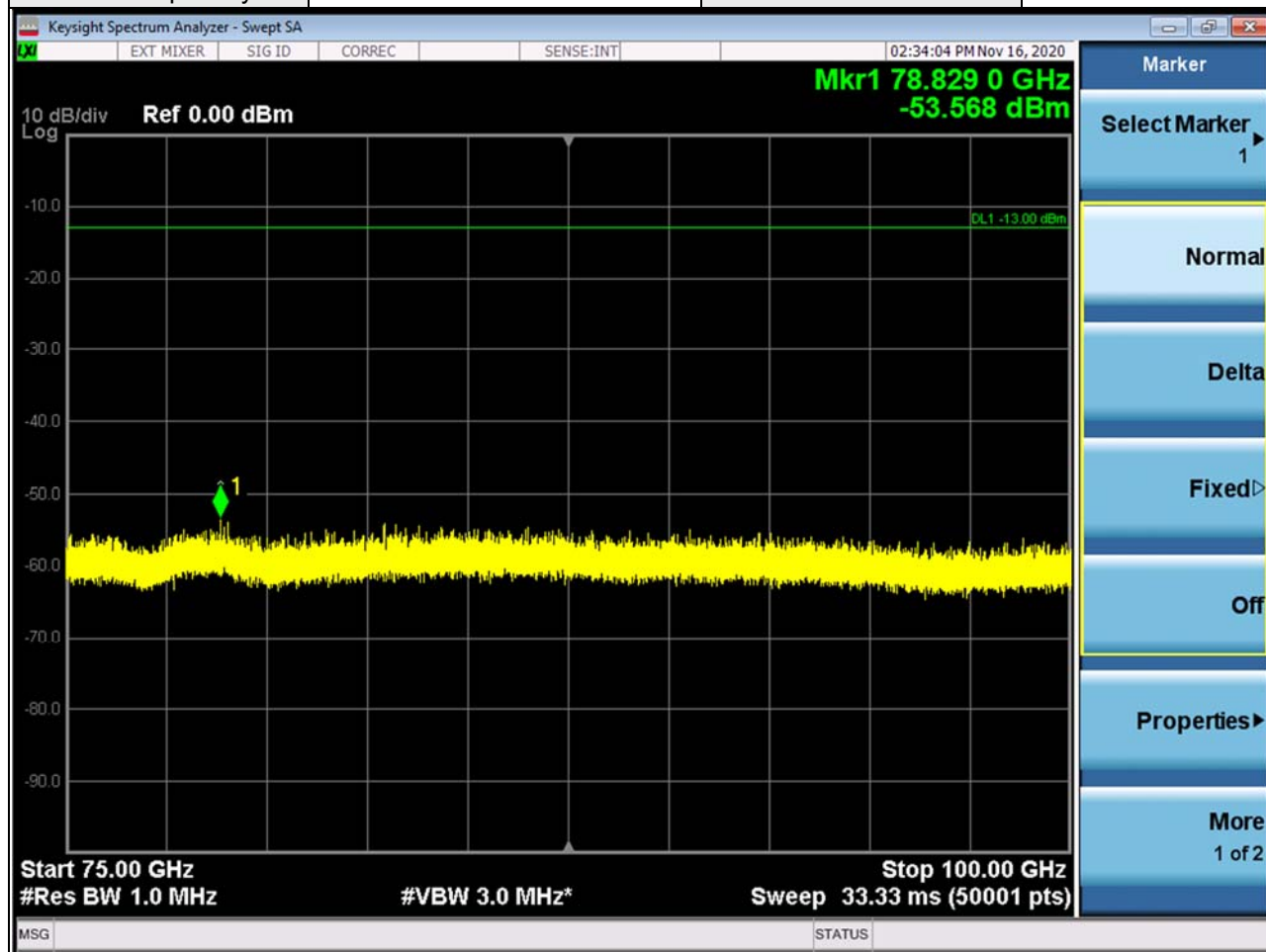
Band	n261	Beam ID	30 + 158
Frequency Range	75GHz-100GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m



Note:

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

Band	n261	Beam ID	30 + 158
Frequency Range	75GHz-100GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m



Note:

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

#### Summary of MIMO Beam Out-of Band Emission:

To address compliance of MIMO Out-of Band emission per KDB 662930 D01, the MIMO Out-of Band emission EIRP is calculated by summing the worst case H Beam EIRP and V Beam EIRP in linear powers units then converted back to dBm.

Beam ID	EIRP for H Beam (dBm)	EIRP for V Beam (dBm)	EIRP for H+V Beam (dBm)	Limit(dBm)	Margin(dB)	Result
30 + 158	-53.633	-53.568	-50.590	-13	-37.590	Pass

## 4.5 Out-of-Band Emission at the Band Edge Measurement

### 4.5.1 Limits of Out-of Band Emission at the Band Edge Measurement

The conducted power or the total radiated power of any emission outside a licensee's frequency block shall be  $-13$  dBm/MHz or lower. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conducted power or the total radiated power of any emission shall be  $-5$  dBm/MHz or lower.

### 4.5.2 Test Instruments

Refer to section 4.2.3.

### 4.5.3 Test Procedures

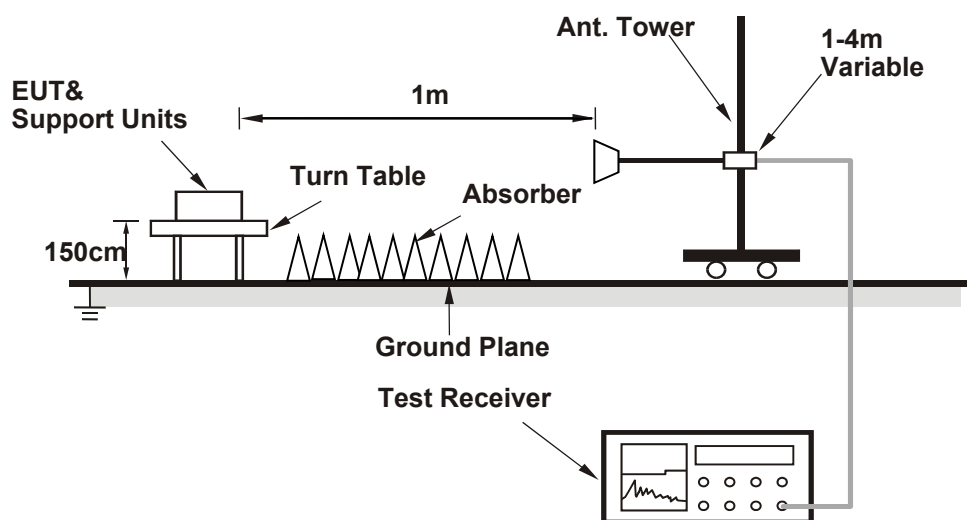
Refer to ANSI C63.26-2015 Section 5 and ANSI C63.26-2015 Section 6.4 KDB 842590 D01 v01 Section 4.4.2.5.

Note: Substitution method is used for E.I.R.P measurement.

### 4.5.4 Deviation from Test Standard

No deviation.

### 4.5.5 Test Set Up



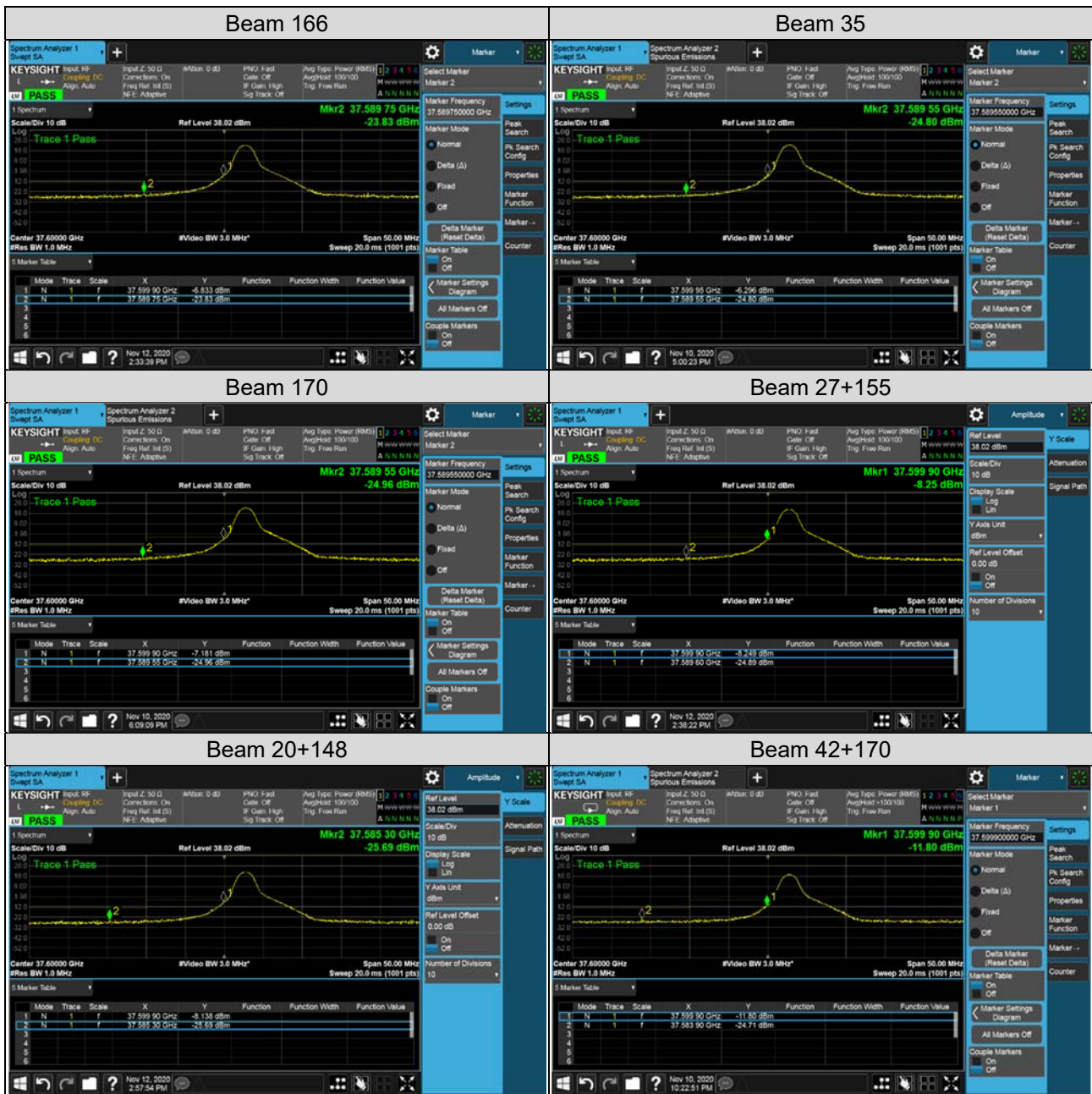
For the actual test configuration, please refer to the attached file (Test Setup Photo).

### 4.5.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest channel frequencies individually.

#### 4.5.7 Test Result

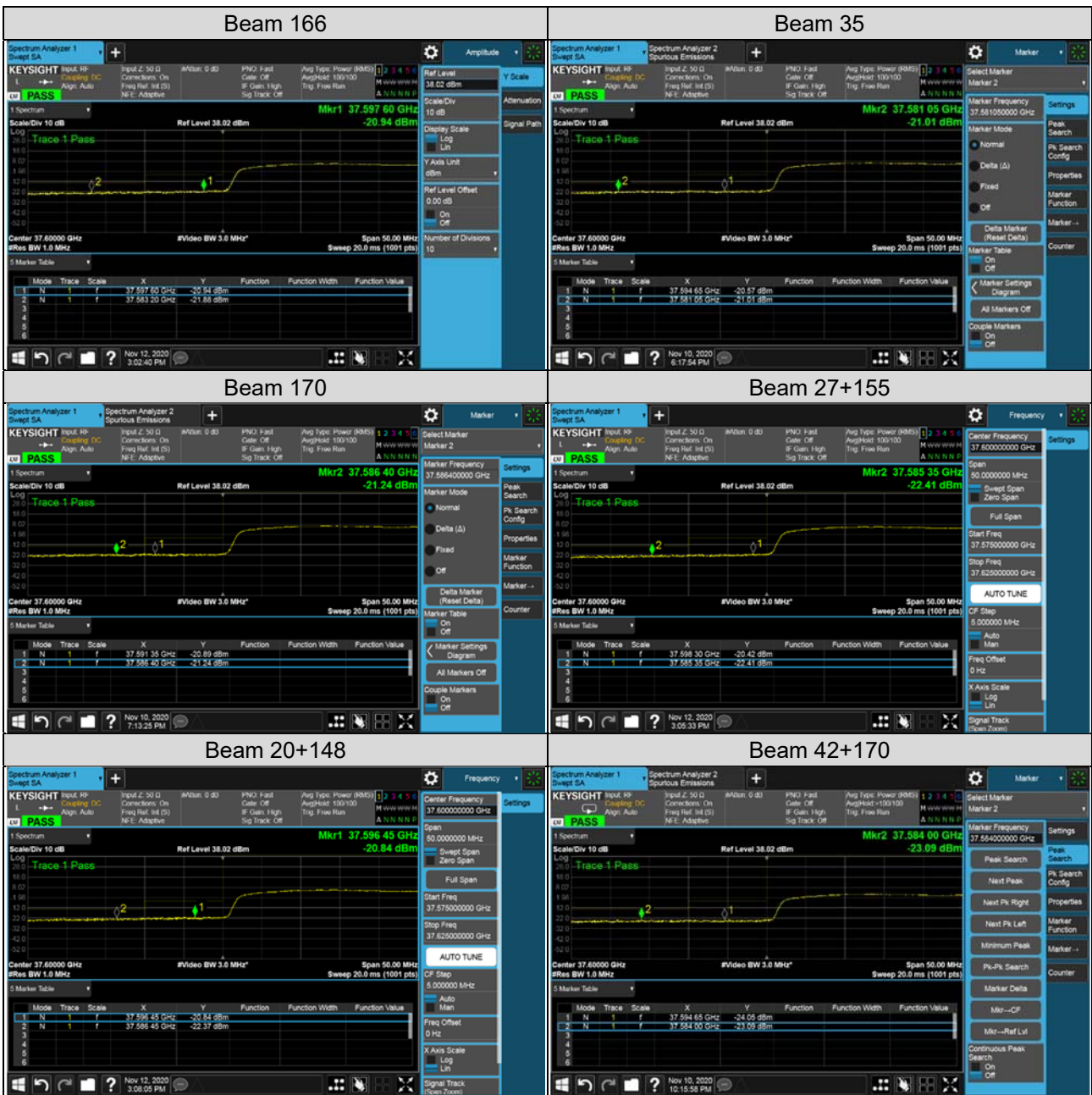
Band	n260				
Low Channel	2239997				
QPSK-1CC	1RB0				
Beam ID	Frequency (GHz)	EIRP Value (dBm)	Limit (dBm)	Margin (dB)	Result
166	37.5999	-6.83	-5.00	-1.83	Pass
	37.58975	-23.83	-13.00	-10.83	Pass
35	37.59995	-6.30	-5.00	-1.30	Pass
	37.58955	-24.80	-13.00	-11.80	Pass
170	37.5999	-7.18	-5.00	-2.18	Pass
	37.58955	-24.96	-13.00	-11.96	Pass
27+155	37.5999	-8.25	-5.00	-3.25	Pass
	37.5896	-24.89	-13.00	-11.89	Pass
20+148	37.5999	-8.14	-5.00	-3.14	Pass
	37.5853	-25.69	-13.00	-12.69	Pass
42+170	37.5999	-11.80	-5.00	-6.80	Pass
	37.5839	-24.71	-13.00	-11.71	Pass



Note: The test results already include the correction factor (corrections: On).

Band	n260				
Low Channel	2239997				
QPSK-1CC	Full RB				
Beam ID	Frequency (GHz)	EIRP Value (dBm)	Limit (dBm)	Margin (dB)	Result
166	37.5976	-20.94	-5.00	-15.94	Pass
	37.5832	-21.88	-13.00	-8.88	Pass
35	37.59465	-20.57	-5.00	-15.57	Pass
	37.58105	-21.01	-13.00	-8.01	Pass
170	37.59135	-20.89	-5.00	-15.89	Pass
	37.5864	-21.24	-13.00	-8.24	Pass
27+155	37.5983	-20.42	-5.00	-15.42	Pass
	37.58535	-22.41	-13.00	-9.41	Pass
20+148	37.59645	-20.84	-5.00	-15.84	Pass
	37.58645	-22.37	-13.00	-9.37	Pass
42+170	37.59465	-24.05	-5.00	-19.05	Pass
	37.584	-23.09	-13.00	-10.09	Pass

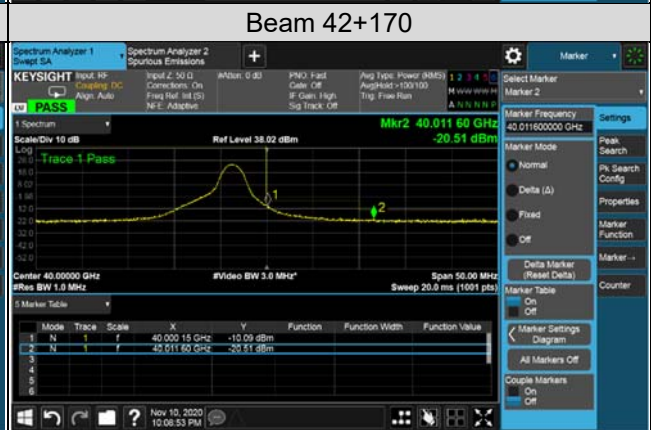
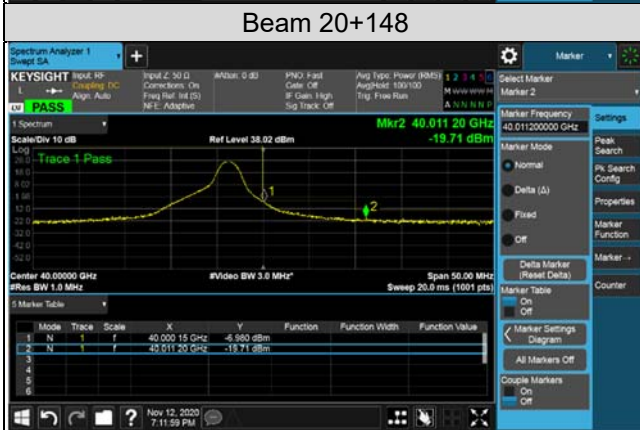
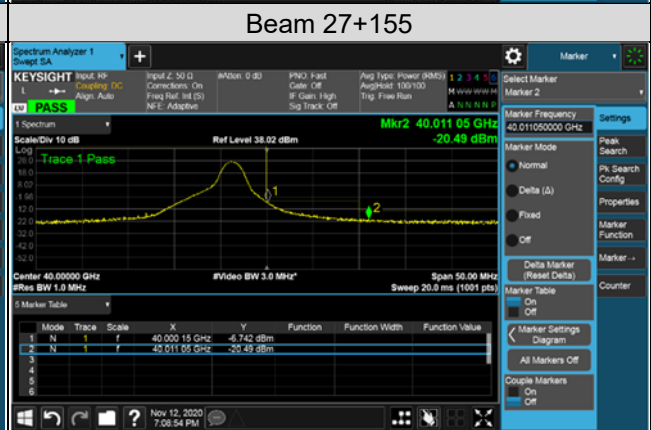
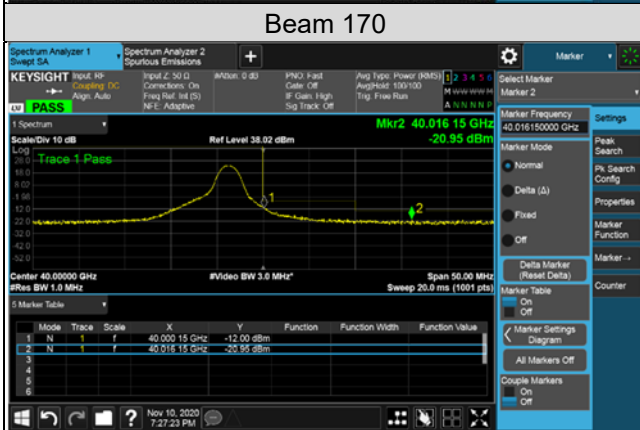
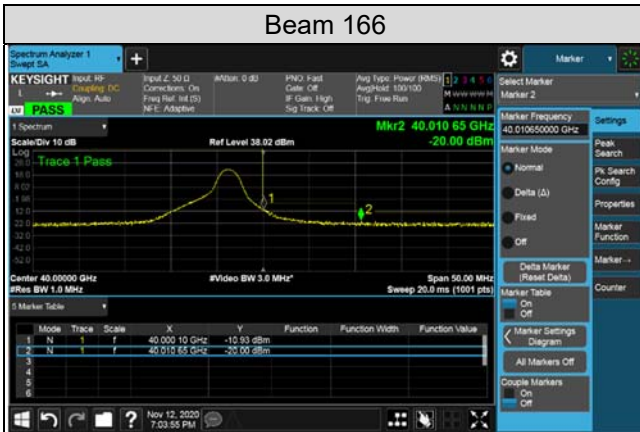




Note: The test results already include the correction factor (corrections: On).

Band	n260				
High Channel	2278331				
QPSK-1CC	1RB65				
Beam ID	Frequency (GHz)	EIRP Value (dBm)	Limit (dBm)	Margin (dB)	Result
166	40.0001	-10.93	-5.00	-5.93	Pass
	40.010065	-20.00	-13.00	-7.00	Pass
35	20.0001	-11.45	-5.00	-6.45	Pass
	40.01925	-21.29	-13.00	-8.29	Pass
170	40.00015	-12.00	-5.00	-7.00	Pass
	40.01615	-20.95	-13.00	-7.95	Pass
27+155	40.00015	-6.74	-5.00	-1.74	Pass
	40.01105	-20.49	-13.00	-7.49	Pass
20+148	40.00015	-6.98	-5.00	-1.98	Pass
	40.0112	-19.71	-13.00	-6.71	Pass
42+170	40.00015	-10.09	-5.00	-5.09	Pass
	40.0116	-20.51	-13.00	-7.51	Pass





Note: The test results already include the correction factor (corrections: On).

Band	n260				
High Channel	2278331				
QPSK-1CC	Full RB				
Beam ID	Frequency (GHz)	EIRP Value (dBm)	Limit (dBm)	Margin (dB)	Result
166	40.00845	-20.36	-5.00	-15.36	Pass
	40.0121	-20.07	-13.00	-7.07	Pass
35	40.00015	-20.13	-5.00	-15.13	Pass
	40.0133	-20.70	-13.00	-7.70	Pass
170	40.00115	-19.84	-5.00	-14.84	Pass
	40.0121	-20.30	-13.00	-7.30	Pass
27+155	40.0065	-20.26	-5.00	-15.26	Pass
	40.01855	-20.16	-13.00	-7.16	Pass
20+148	40.00315	-20.54	-5.00	-15.54	Pass
	40.01625	-20.30	-13.00	-7.30	Pass
42+170	40.0004	-20.96	-5.00	-15.96	Pass
	40.01125	-20.58	-13.00	-7.58	Pass