

Summary of Radiated Rx Emissions

Measured Frequency Range (MHz)	Channel Frequency	Antenna Polarization	Emission Frequency	Measured Emission [E _{Meas}] (dBuV)	Antenna ACF [ACF] (dB)	Cable Loss [L _C] (dB)	Amplifier Gain [G _A] (dB)	Corrected Emission [E _{Corr}] (dBuV/m)	Limit (dBuV)	Margin (dB)
30-1000MHz	-	Horizontal	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	46.0	n/a
30-1000MHz	-	Vertical	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	43.5	n/a
1 - 3GHz	-	Horizontal	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
1 - 3GHz	-	Vertical	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
3-13GHz	-	Horizontal	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	n/a
3-13GHz	-	Vertical	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	n/a
13-18GHz	-	Horizontal	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	n/a
13-18GHz	-	Vertical	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	n/a
18-26GHz	-	Horizontal	ND	ND (1)	43.50	21.86	26.00	ND	54.0	n/a
18-26GHz	-	Vertical	ND	ND (1)	43.50	21.86	26.00	ND	54.0	n/a
Results:									Complies	

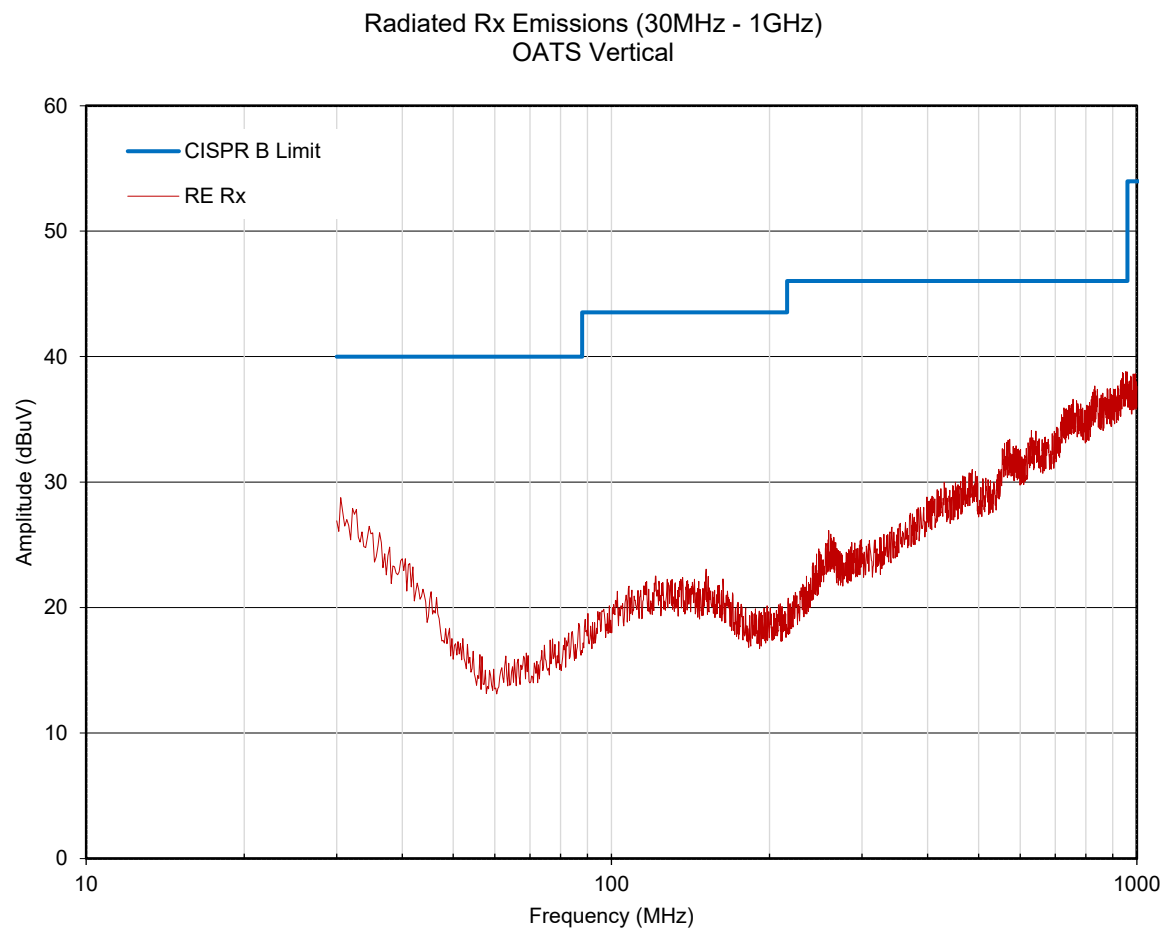
(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

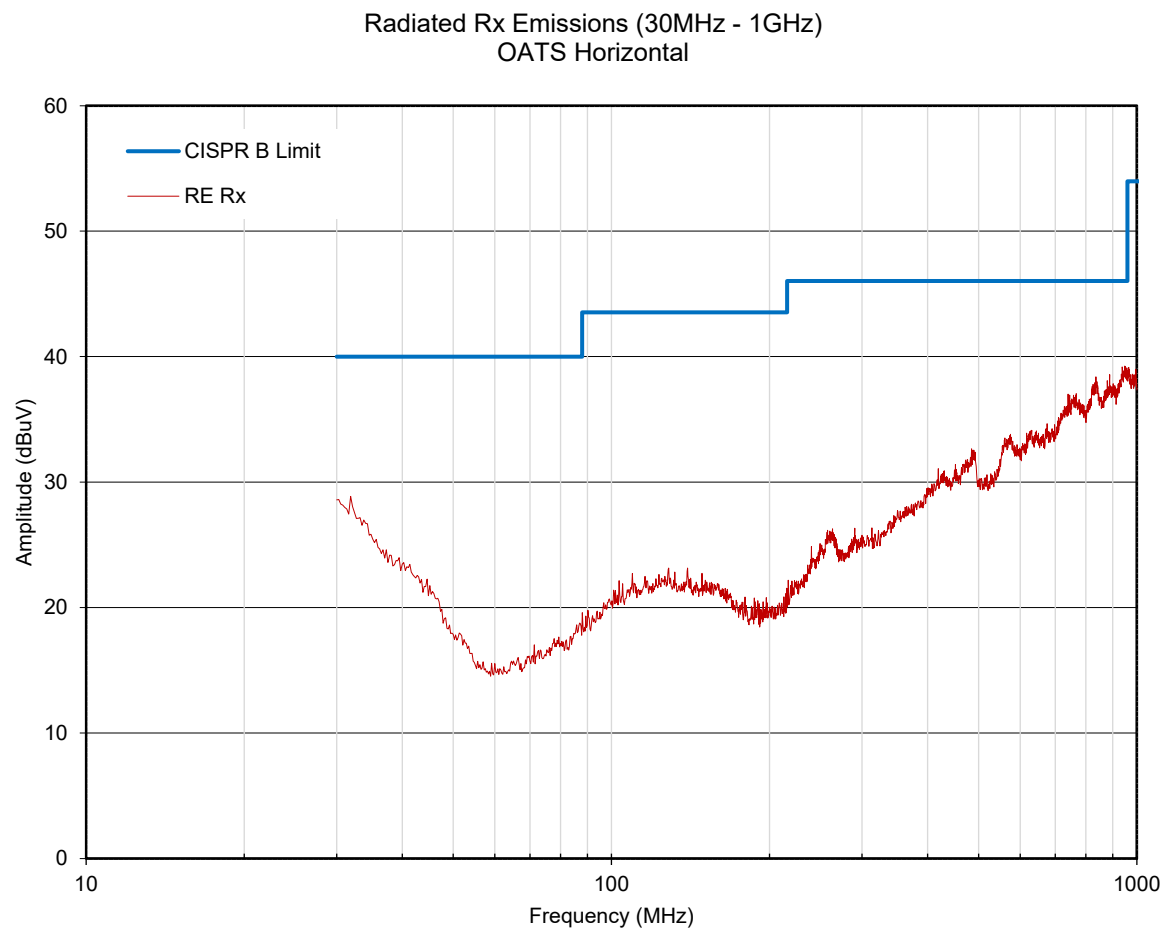
(3) External Amplifier not used

$$E_{\text{Corr}} = E_{\text{Meas}} + \text{ACF} + L_{\text{C}} - G_{\text{A}}$$

Radiated Rx Emissions:



Radiated Rx Emissions:



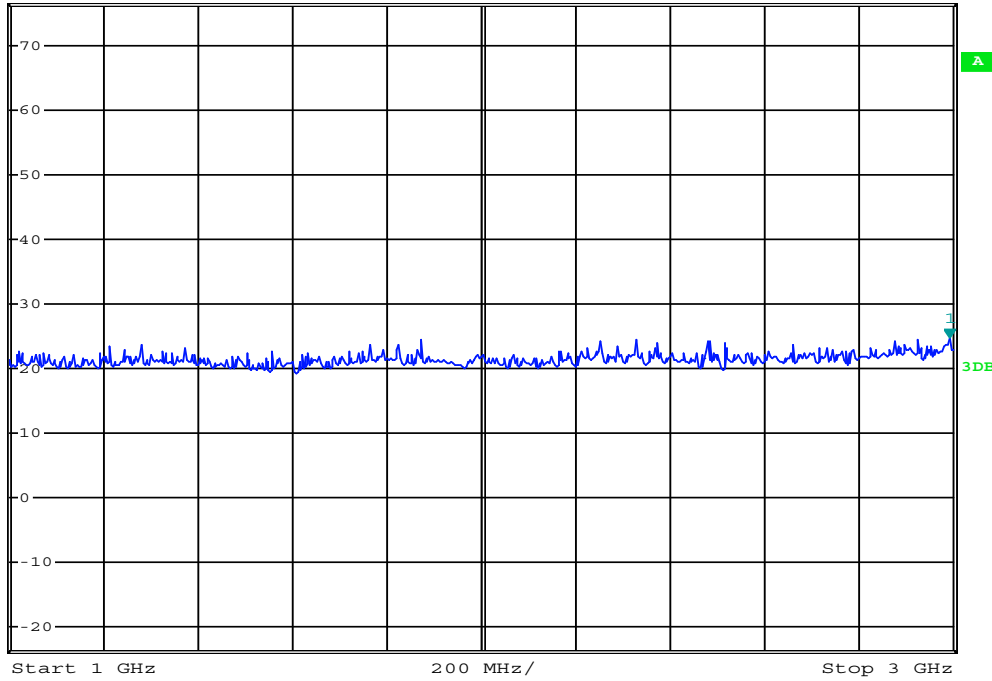
Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      24.61 dBμV
SWT 10 ms      2.992000000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW

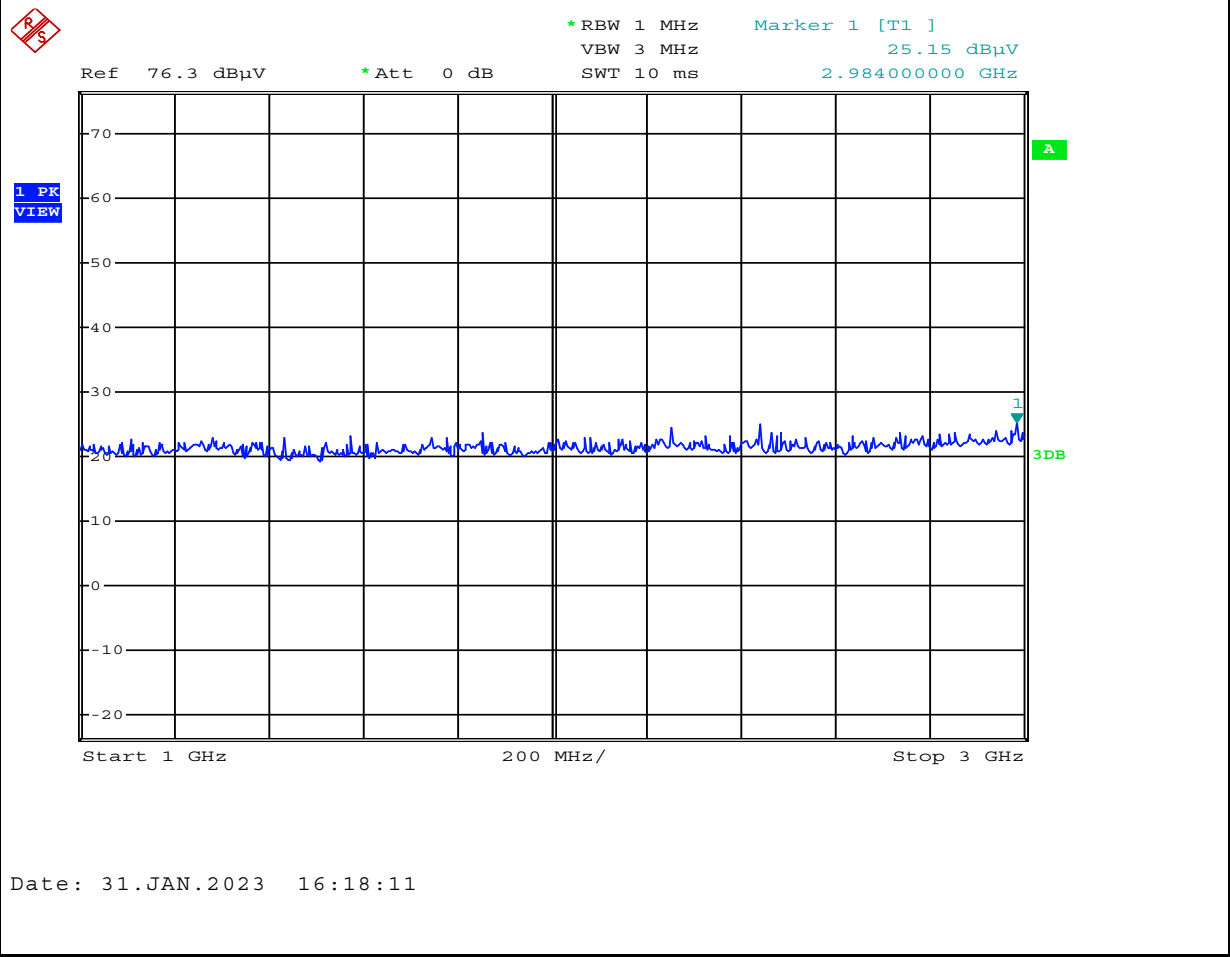


Date: 31.JAN.2023 16:16:30

Polarization: Horizontal

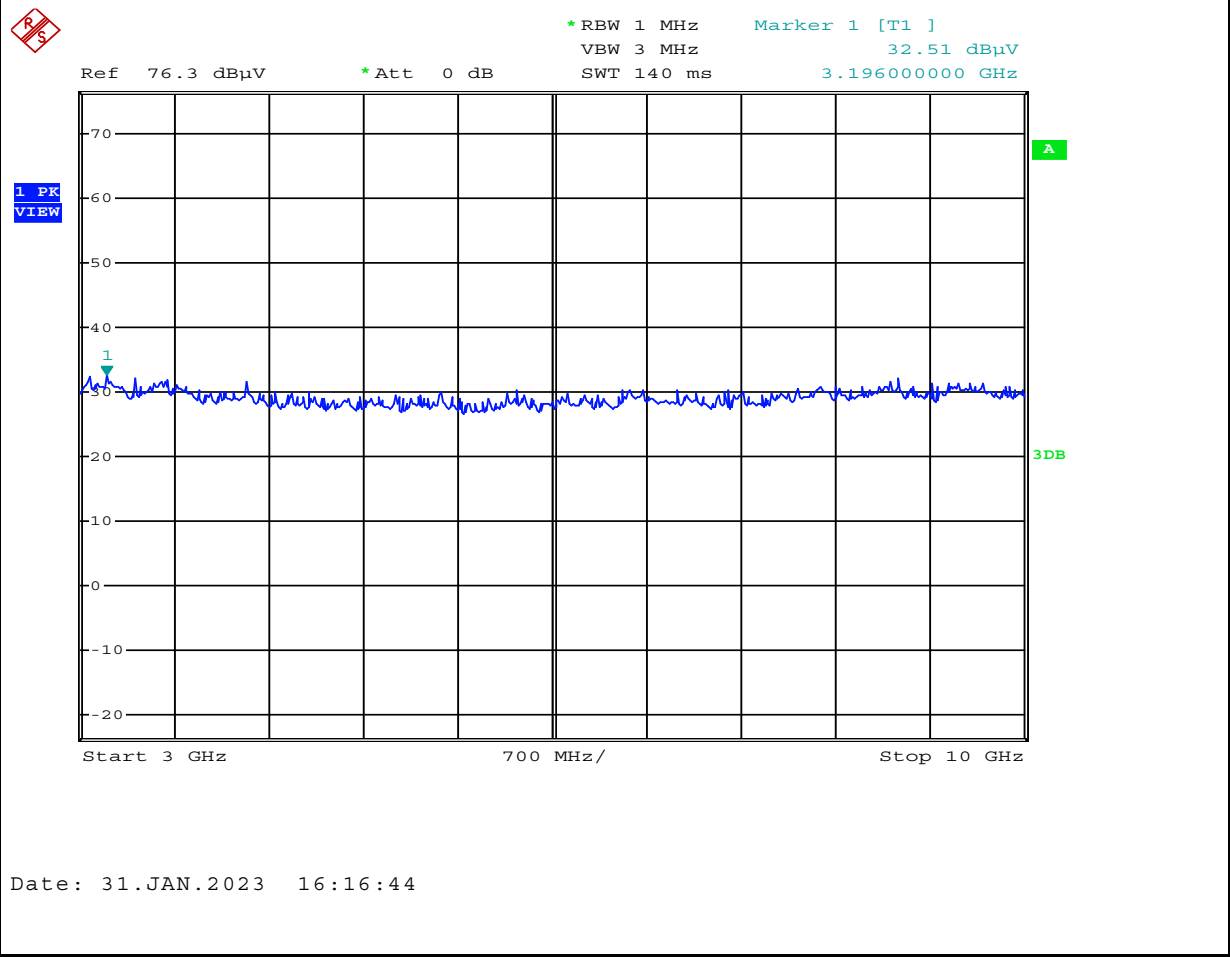
Measured Emission:	ND	dBm
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Radiated Rx Emissions:

Polarization: **Vertical**

Measured Emission: **ND** dBm

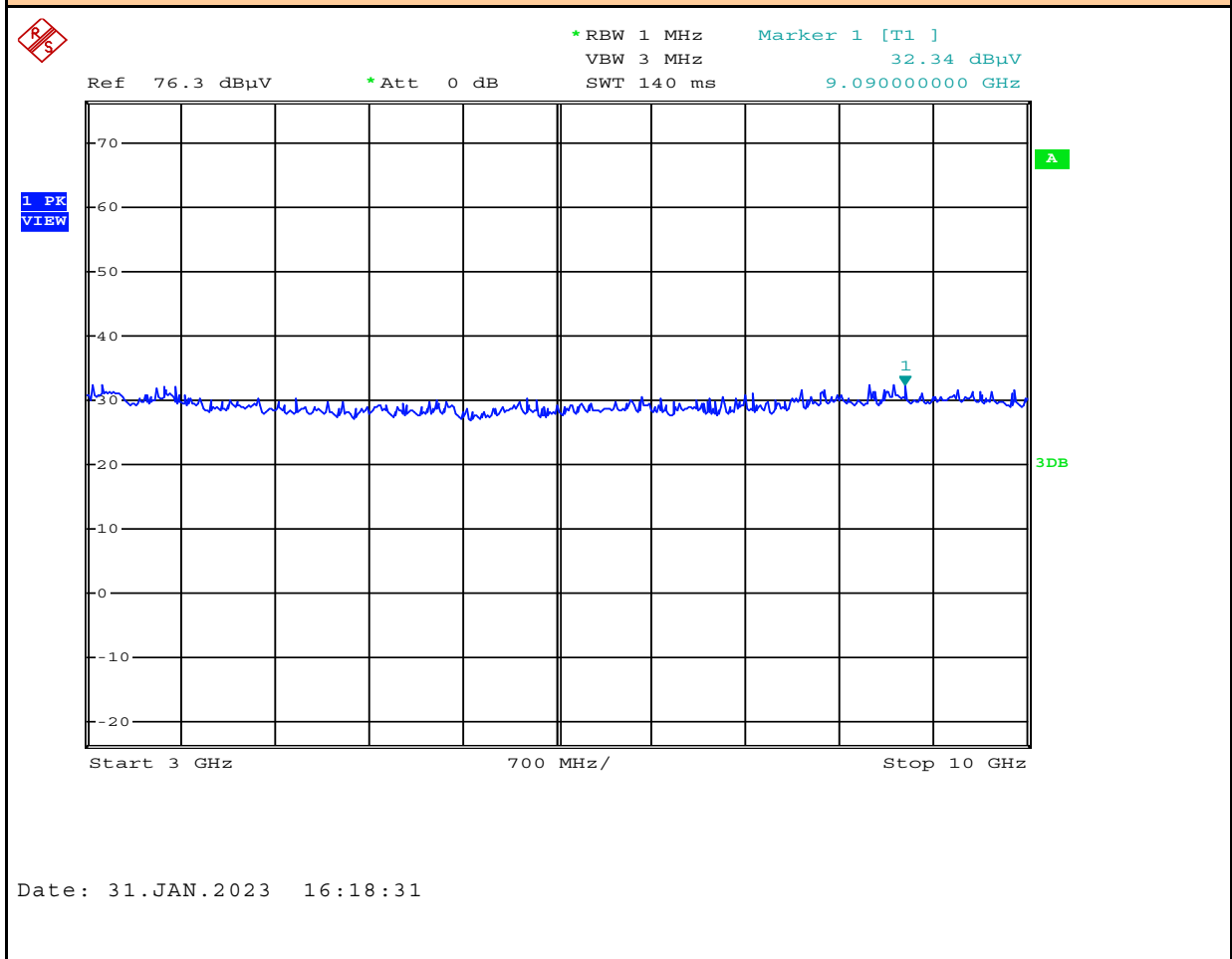
Radiated Rx Emissions:



Polarization: Horizontal

Measured Emission: **ND** dBm

Radiated Rx Emissions:

Polarization: **Vertical**

Measured Emission: **ND** dBm

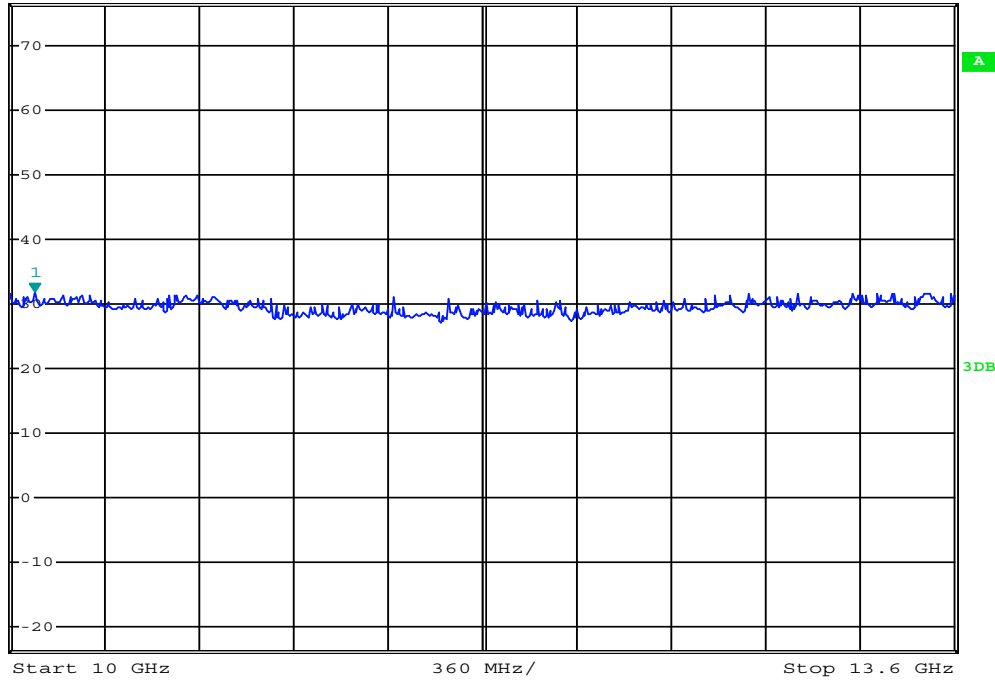
Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      31.79 dBμV
SWT 75 ms      10.093600000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW



Date: 31.JAN.2023 16:17:02

Polarization:	Horizontal
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Measured Emission: **ND** dBm

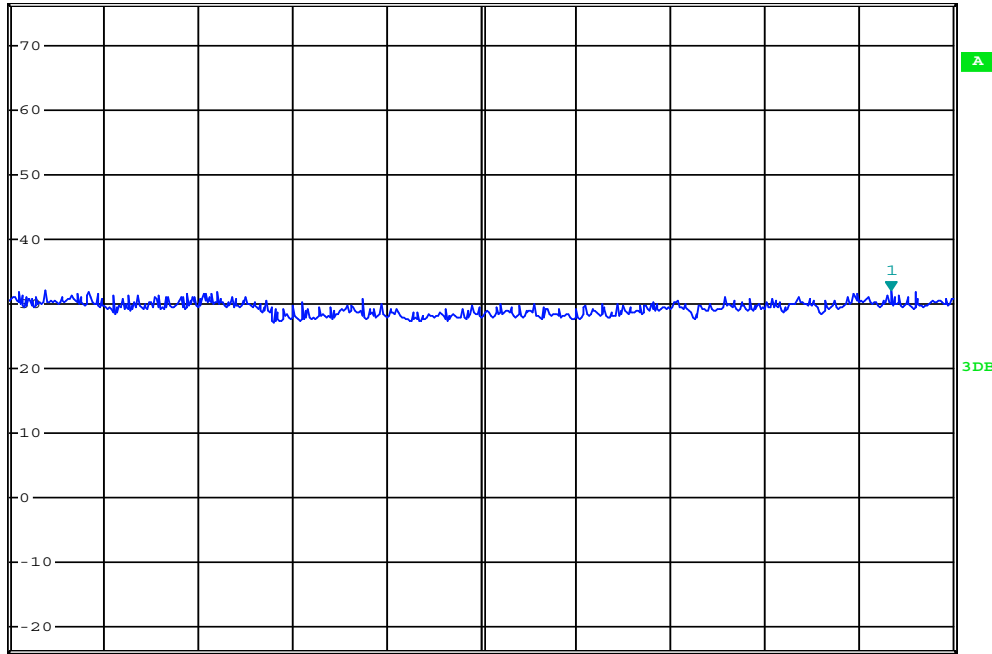
Radiated Rx Emissions:



```
* RBW 1 MHz      Marker 1 [T1 ]
  VBW 3 MHz      32.19 dBμV
  SWT 75 ms      13.362400000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW



Start 10 GHz	360 MHz/	Stop 13.6 GHz
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Date: 31.JAN.2023 16:18:51

Polarization: Vertical

Measured Emission:	ND	dBm
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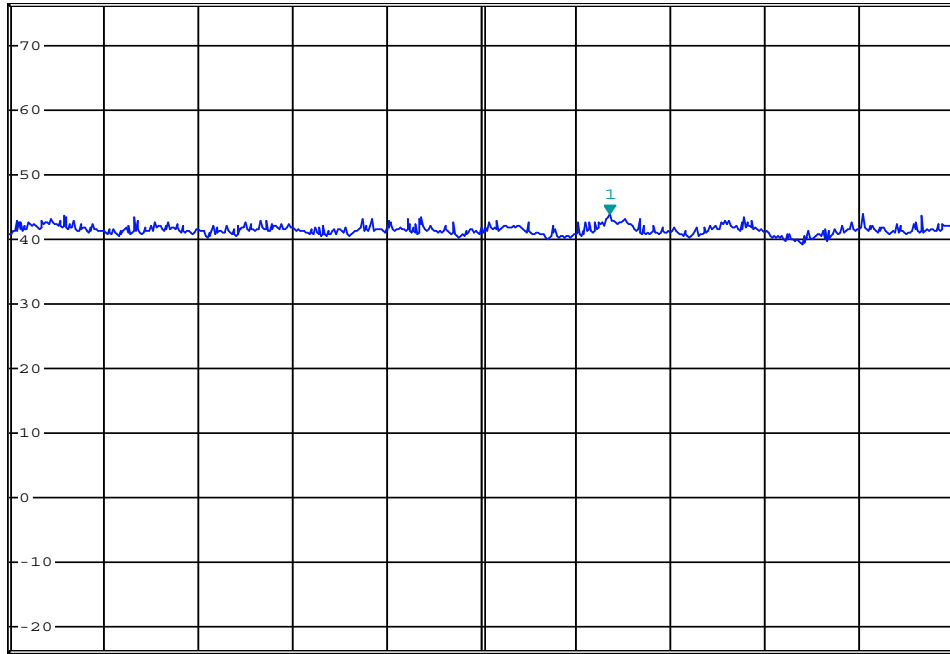
Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      44.03 dBμV
SWT 90 ms      16.398400000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW



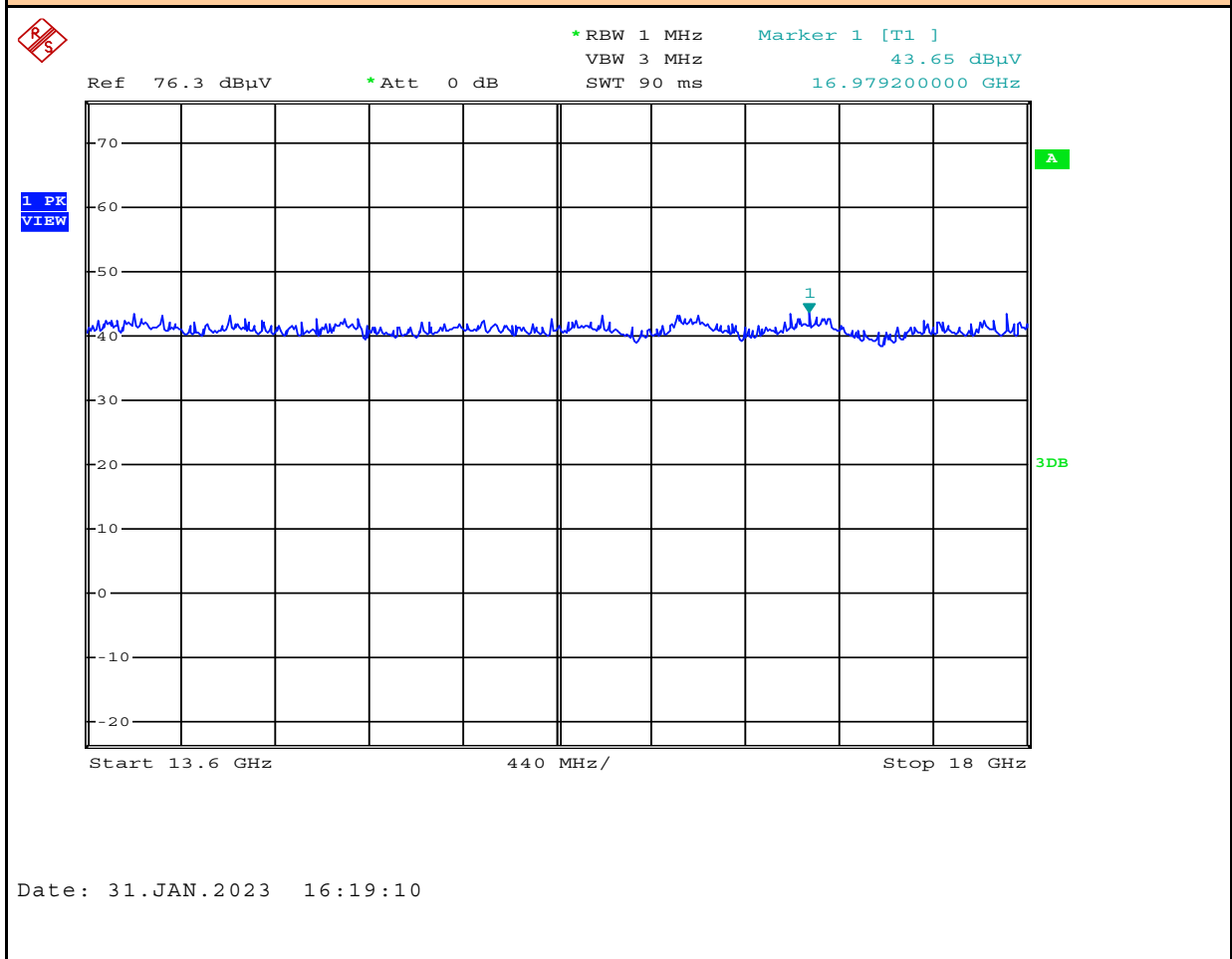
Start 13.6 GHz	440 MHz/	Stop 18 GHz
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Date: 31.JAN.2023 16:17:46

Polarization:	Horizontal
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Measured Emission: **ND** dBm

Radiated Rx Emissions:

Polarization: **Vertical**

Measured Emission: **ND** dBm

Radiated Rx Emissions:



Date: 31.JAN.2023 17:13:34

Polarization:	Horizontal
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Measured Emission:

ND

 dBm

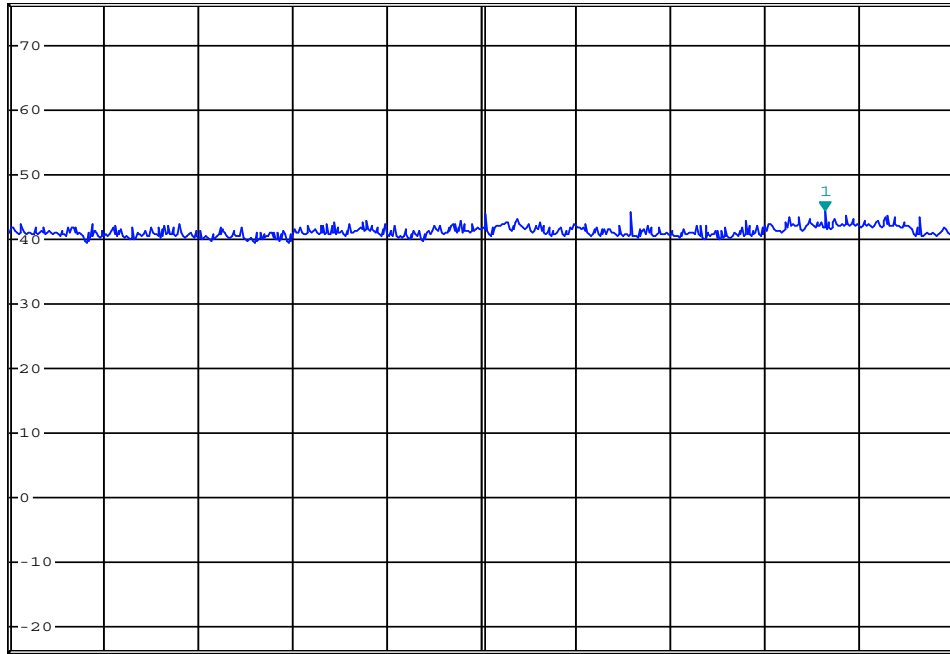
Radiated Rx Emissions:



```
* RBW 1 MHz      Marker 1 [T1 ]
  VBW 3 MHz      44.42 dBμV
  SWT 80 ms      21.456000000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW



Start 18 GHz	400 MHz/	Stop 22 GHz
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Date: 31.JAN.2023 17:14:14

Polarization: Vertical

Measured Emission:	ND	dBm
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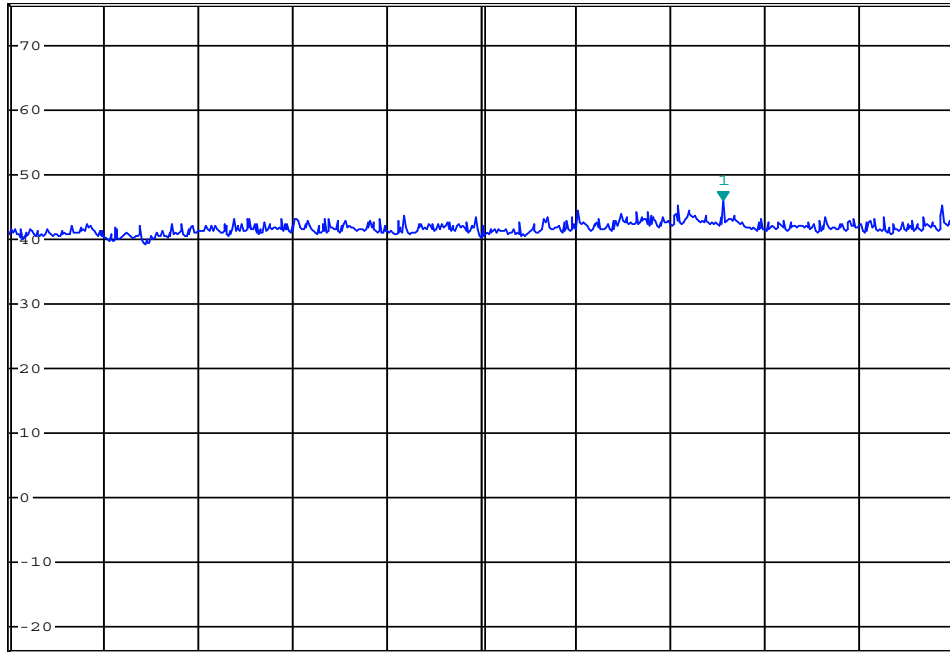
Radiated Rx Emissions:



```
* RBW 1 MHz      Marker 1 [T1 ]
  VBW 3 MHz      45.95 dBμV
  SWT 80 ms      25.024000000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW



Start 22 GHz	400 MHz/	Stop 26 GHz
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Date: 31.JAN.2023 17:13:55

Polarization: Horizontal

Measured Emission:	ND	dBm
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Summary of Radiated Rx Emissions

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30-1000MHz	-	Horizontal	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	46.0	n/a
30-1000MHz	-	Vertical	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	43.5	n/a
1 - 3GHz	-	Horizontal	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
1 - 3GHz	-	Vertical	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
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18-26GHz	-	Vertical	ND	ND (1)	43.50	21.86	26.00	ND	54.0	n/a
Results:									Complies	

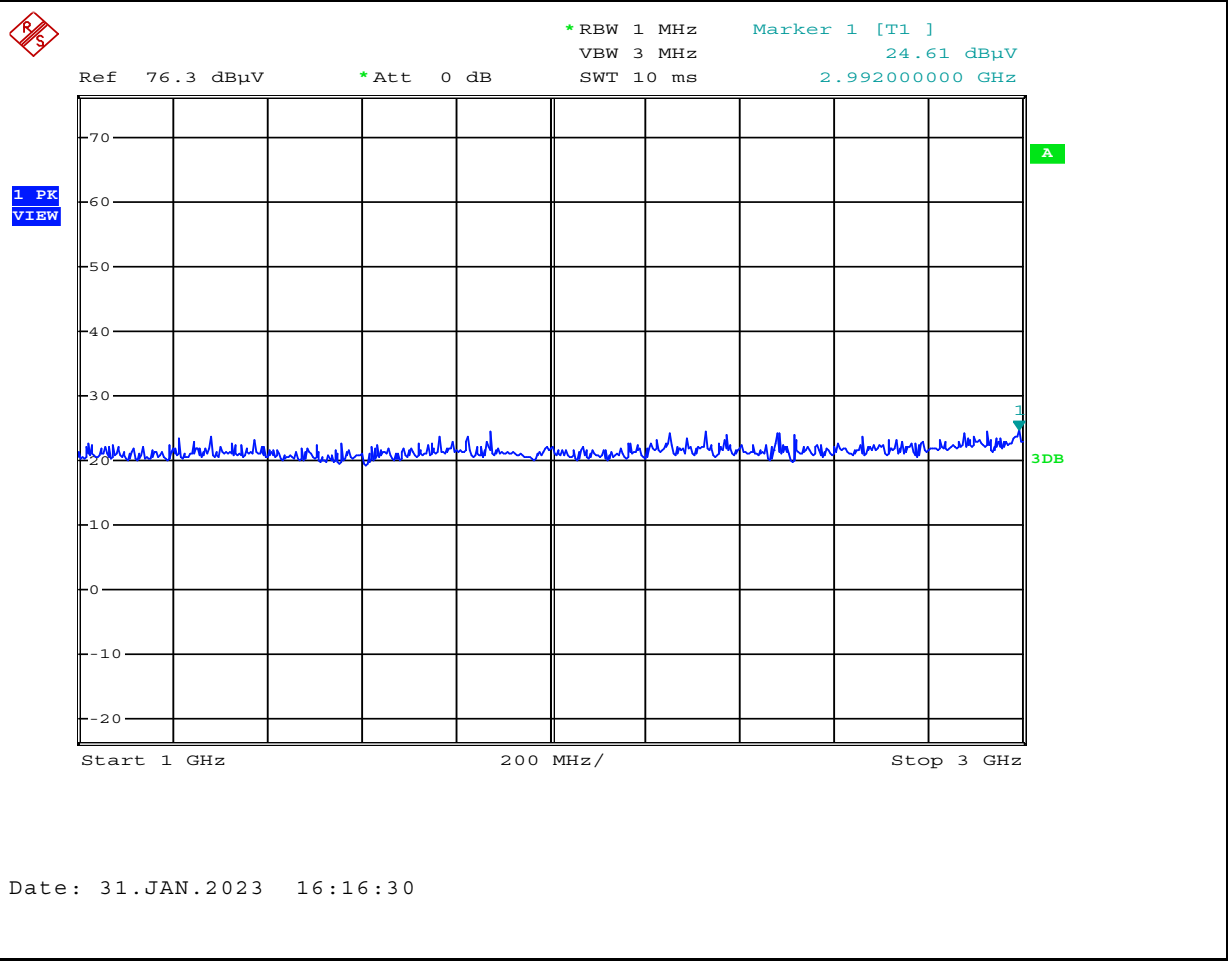
(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

(3) External Amplifier not used

$$E_{\text{Corr}} = E_{\text{Meas}} + \text{ACF} + L_{\text{C}} - G_{\text{A}}$$

Radiated Rx Emissions:

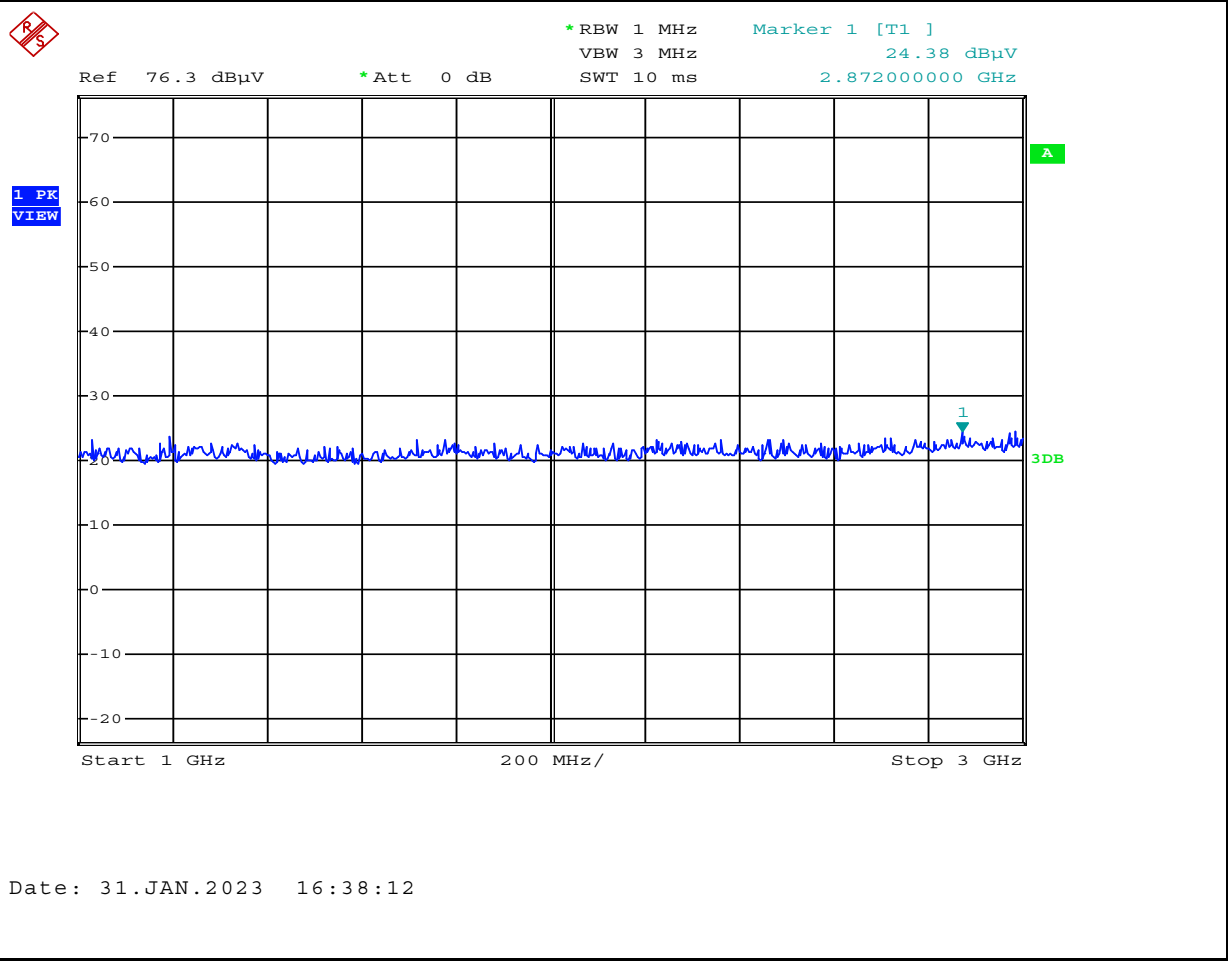


Polarization:

Marker 1 = Fundamental

Measured Emission: dBm

Radiated Rx Emissions:



Polarization:

Vertical

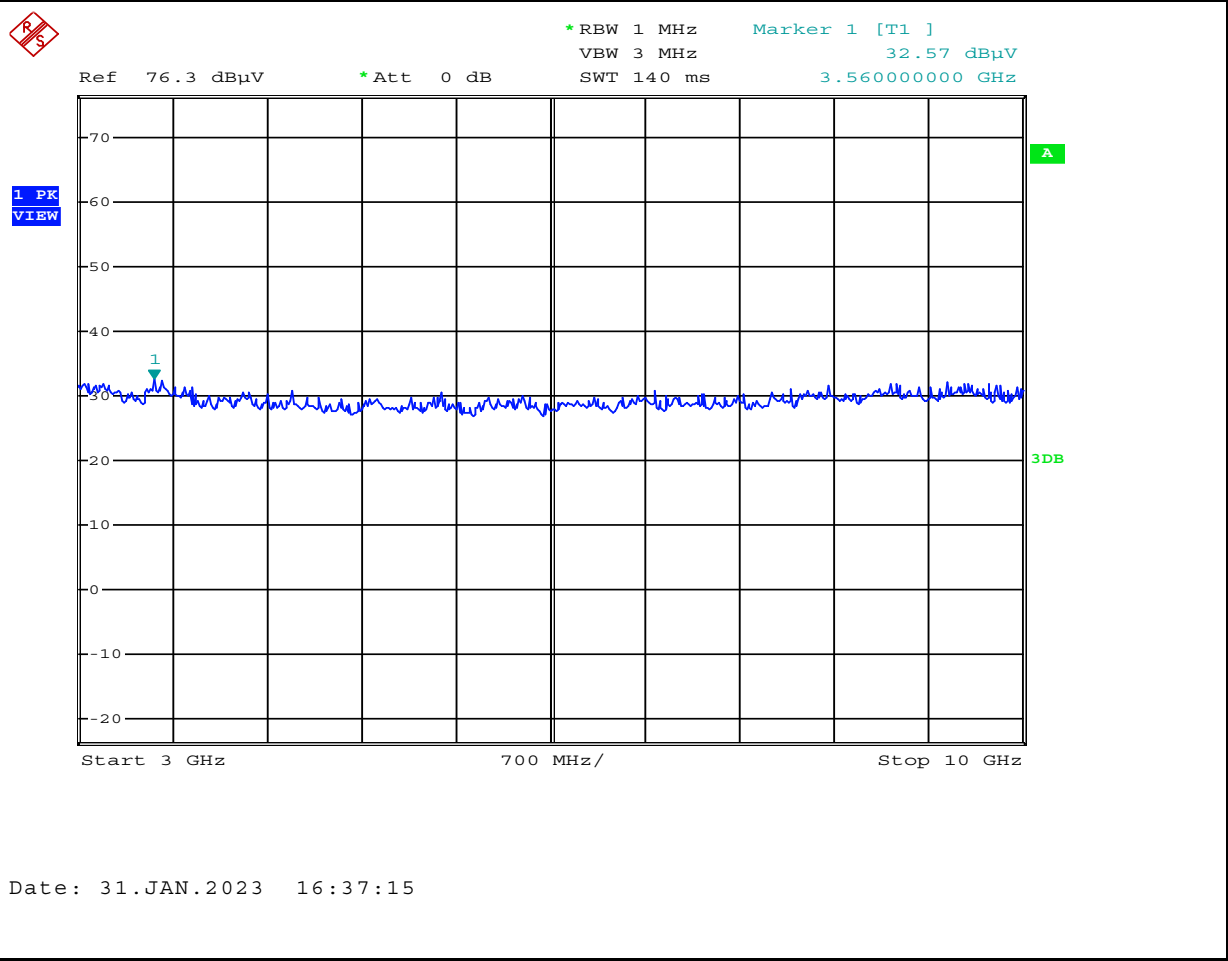
Marker 1 = Fundamental

Measured Emission:

ND

 dBm

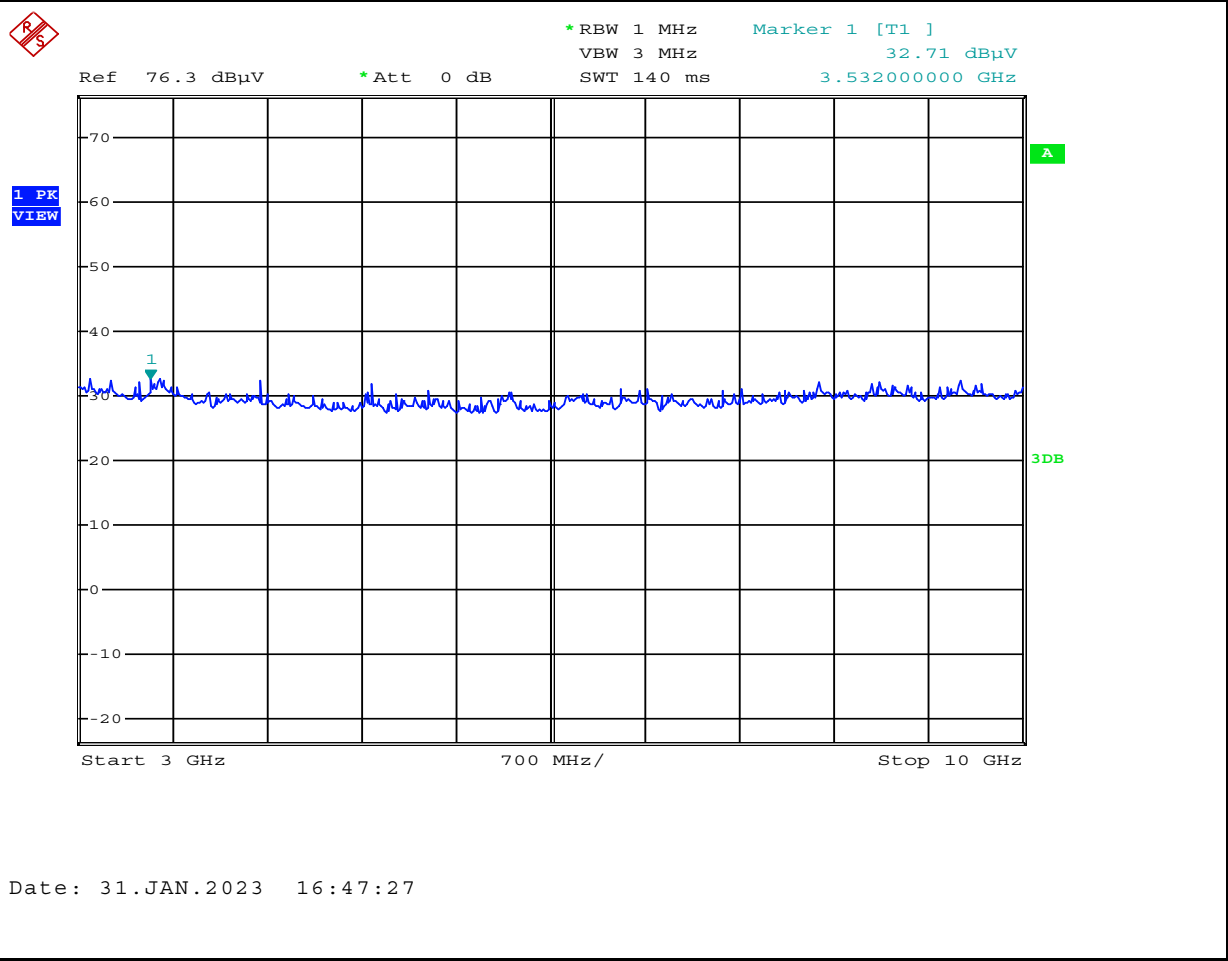
Radiated Rx Emissions:



Polarization:

Measured Emission: dBm

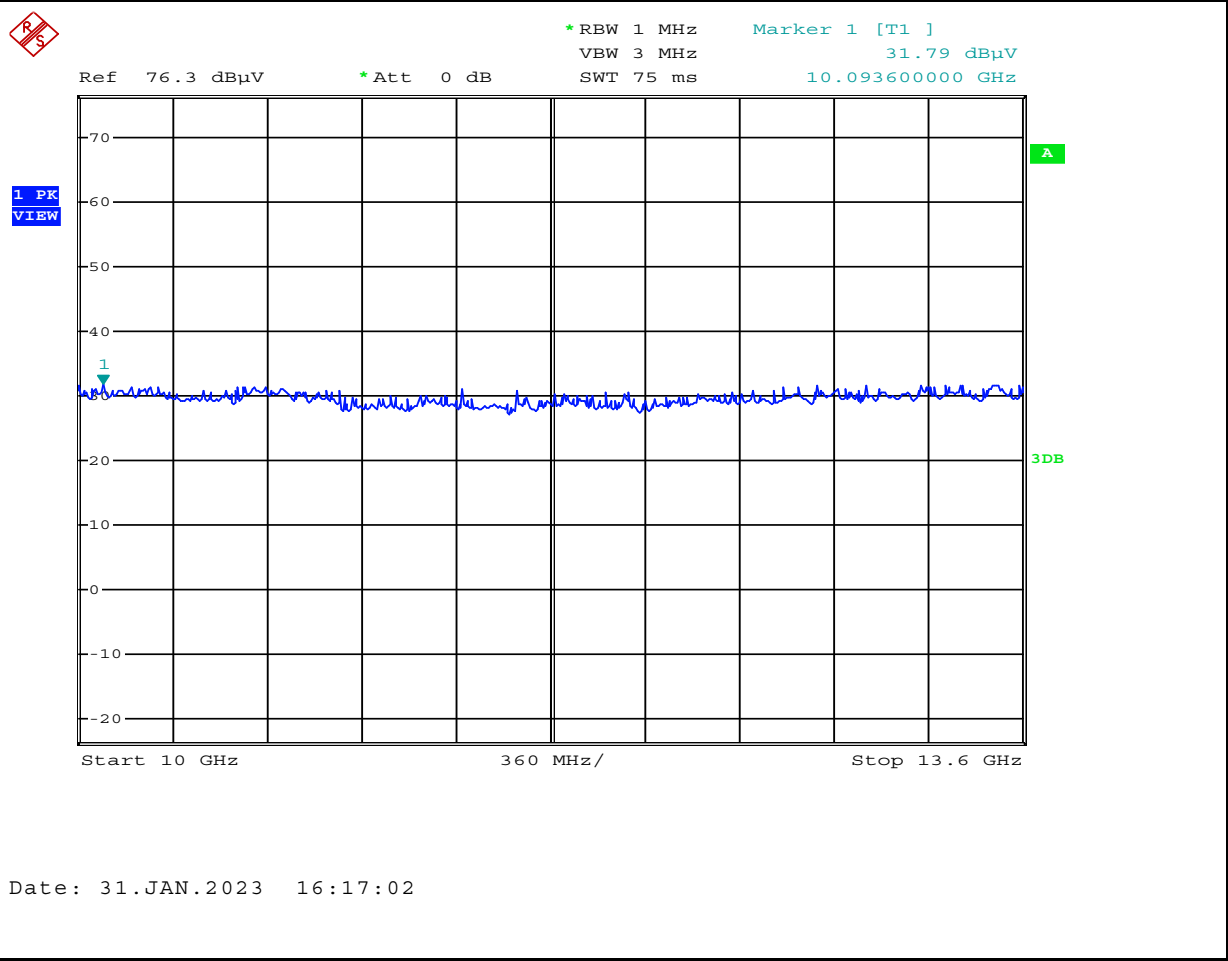
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

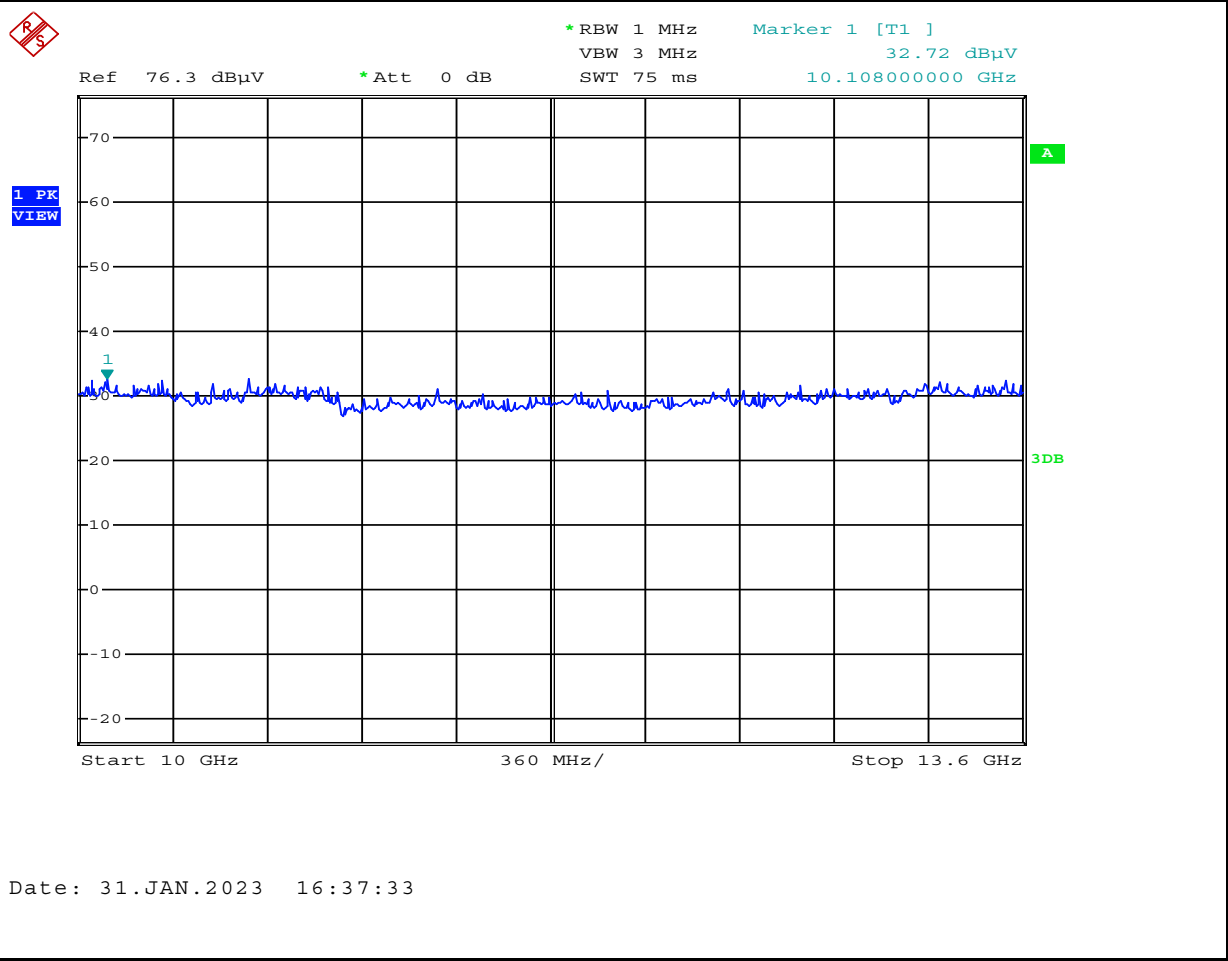
Radiated Rx Emissions:



Polarization:

Measured Emission: dBm

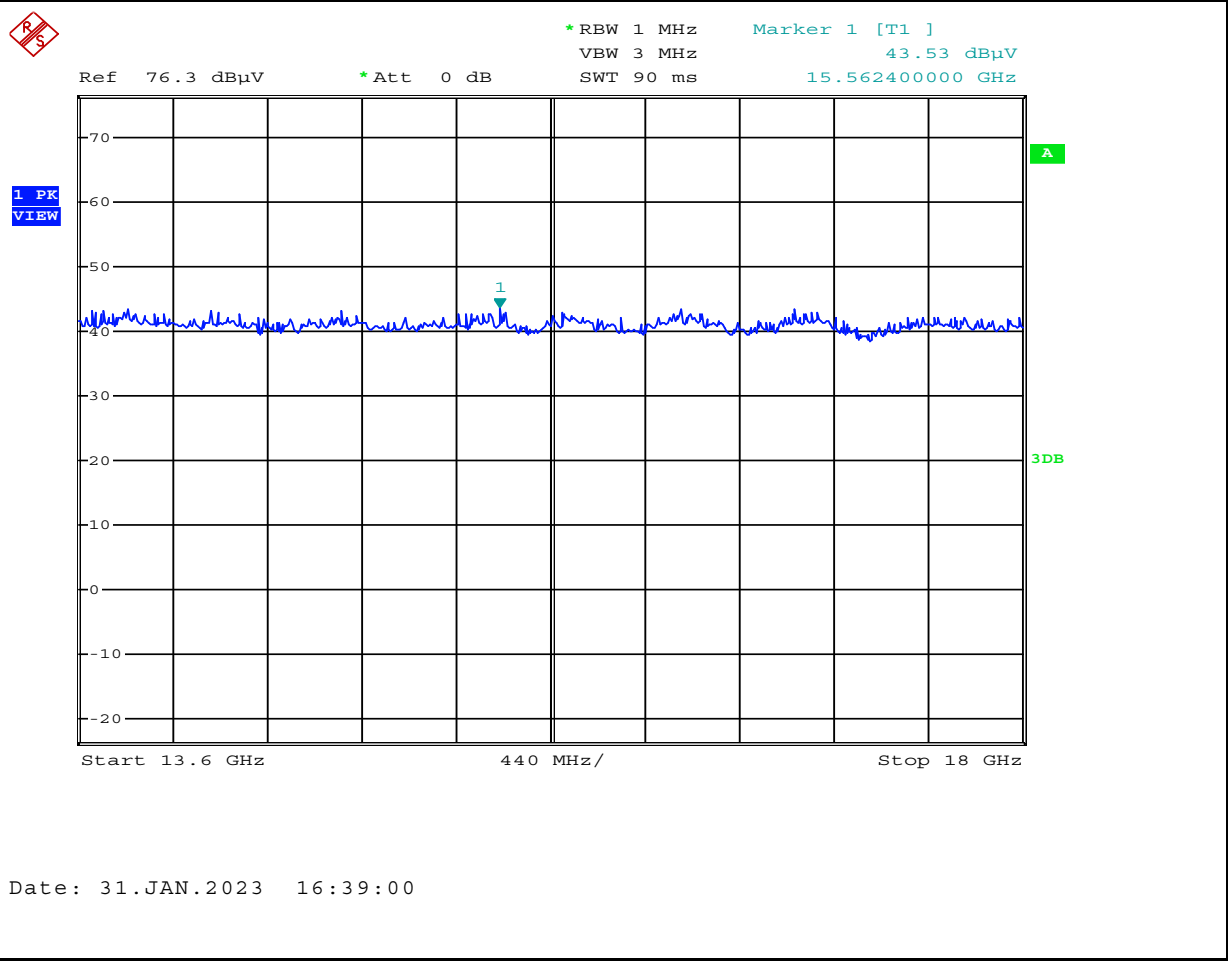
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

Radiated Rx Emissions:



Polarization:

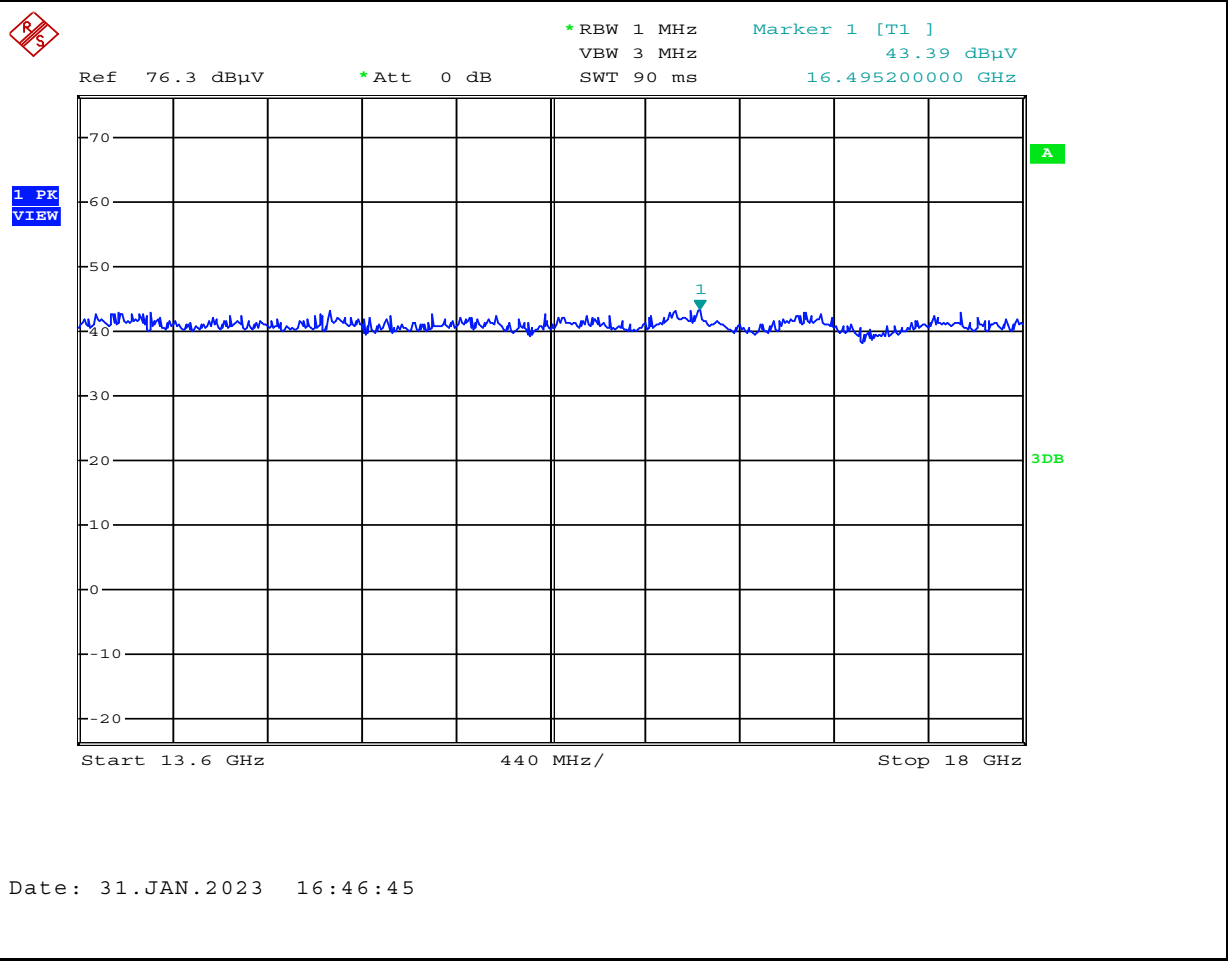
Horizontal

Measured Emission:

ND

 dBm

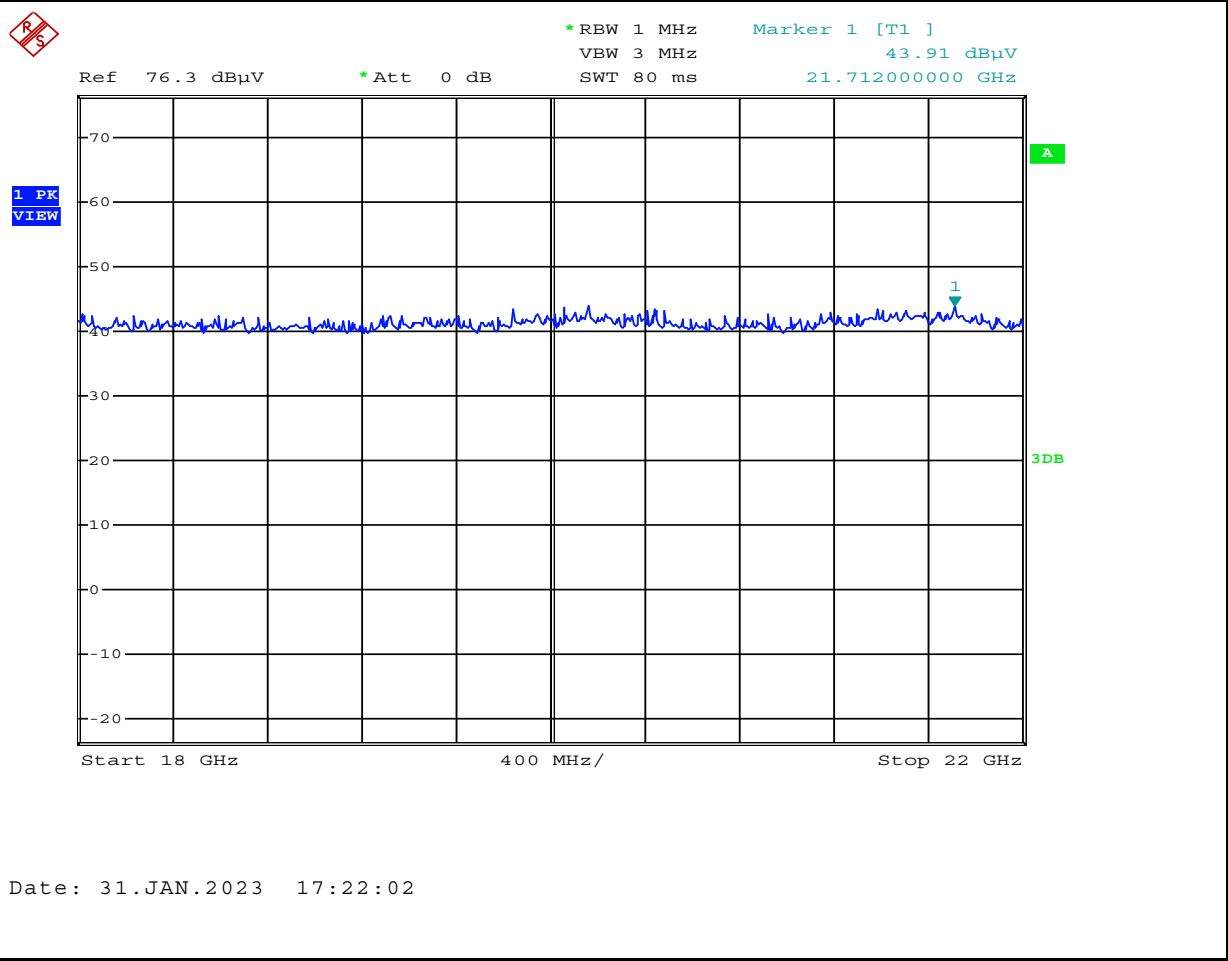
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

Radiated Rx Emissions:



Polarization:

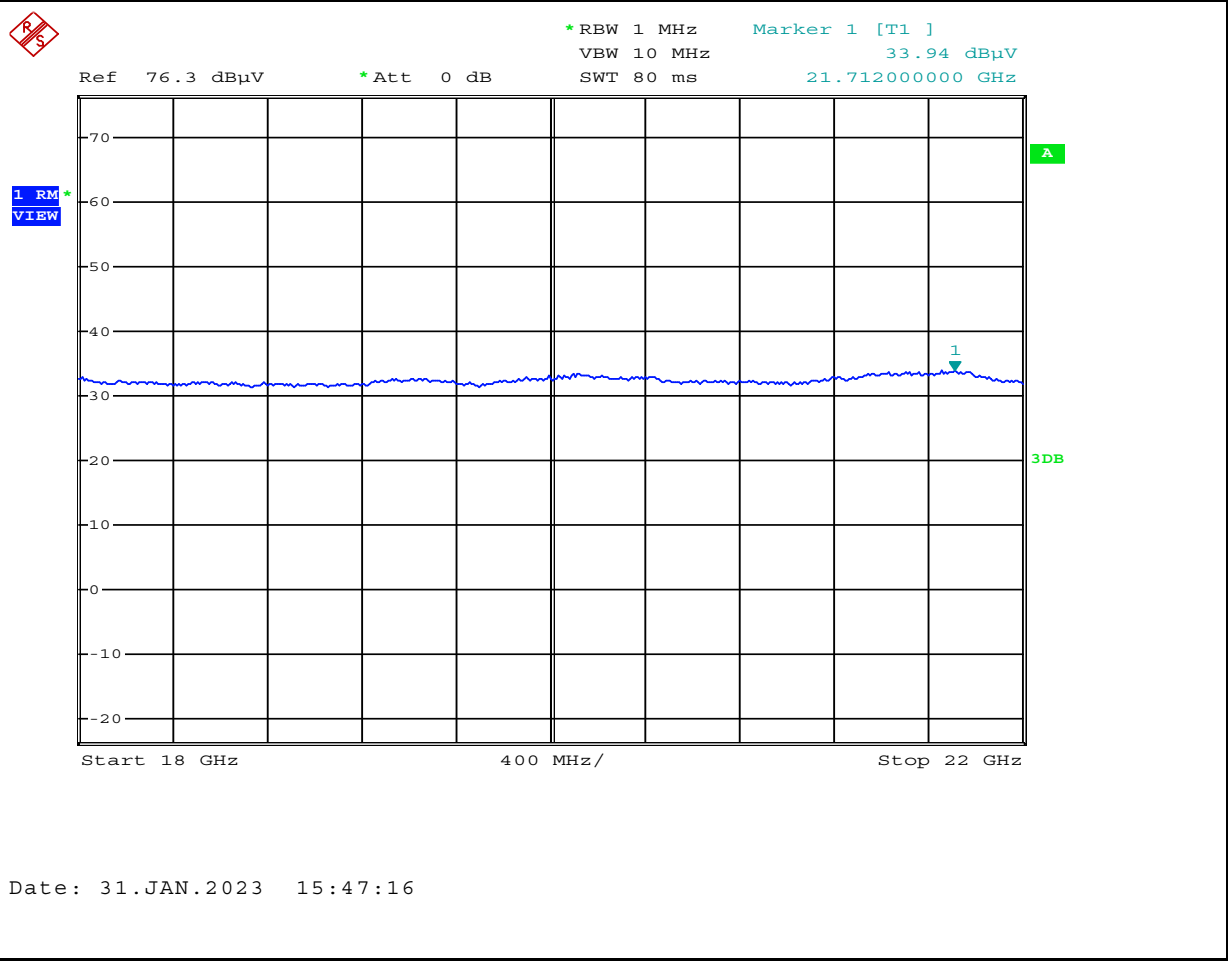
Horizontal

Measured Emission:

ND

 dBm

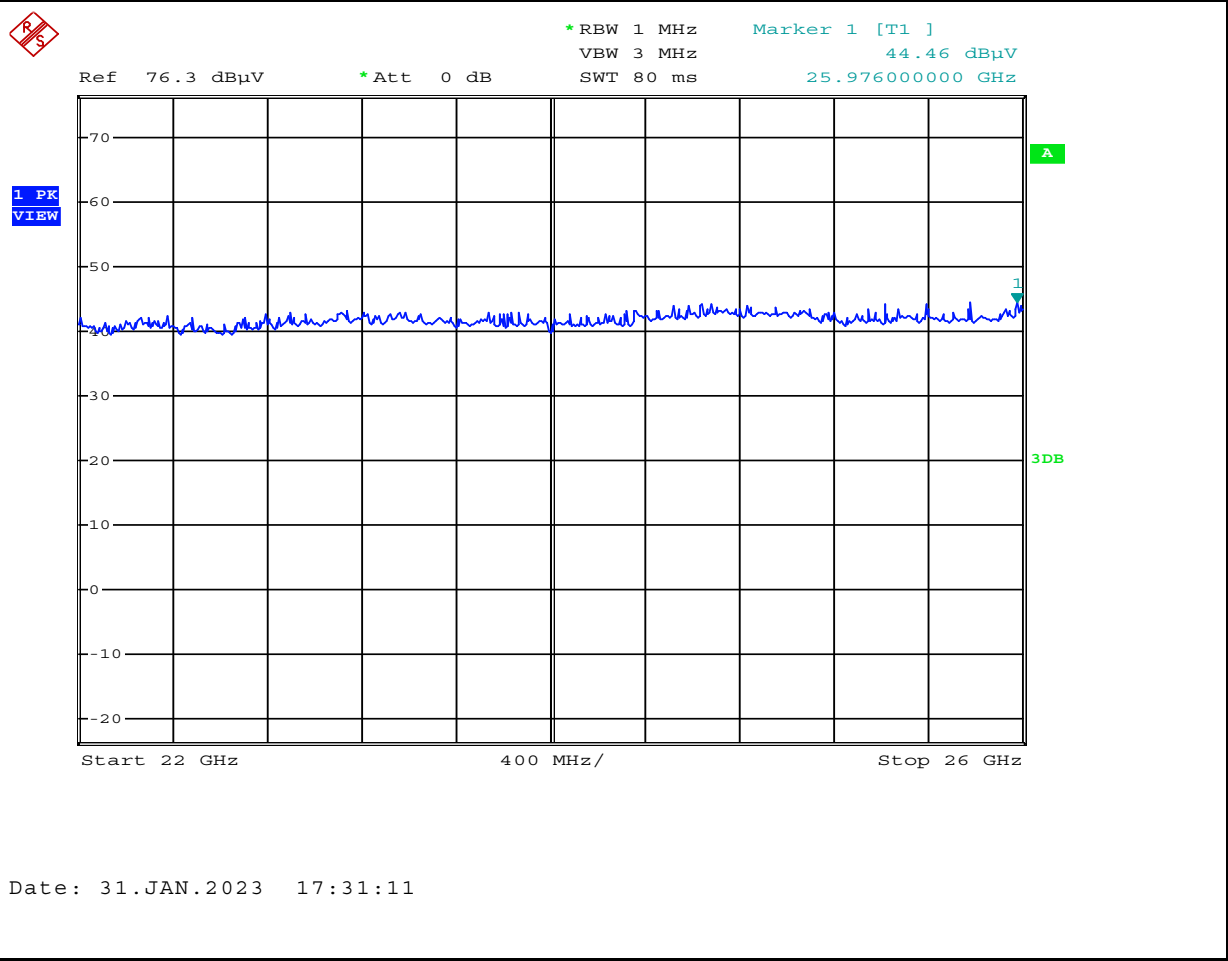
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

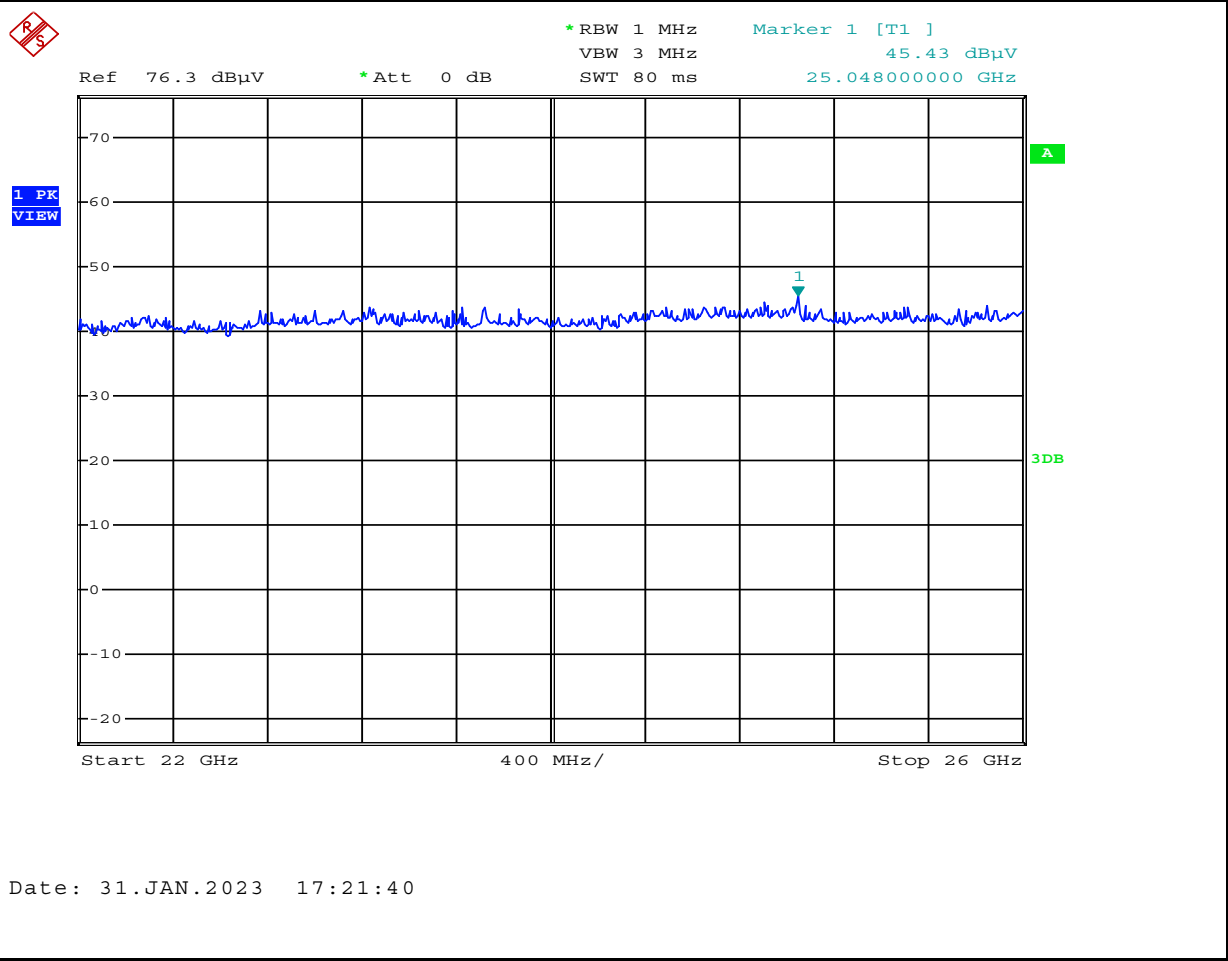
Radiated Rx Emissions:



Polarization: Horizontal

Measured Emission: ND dBm

Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm