

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

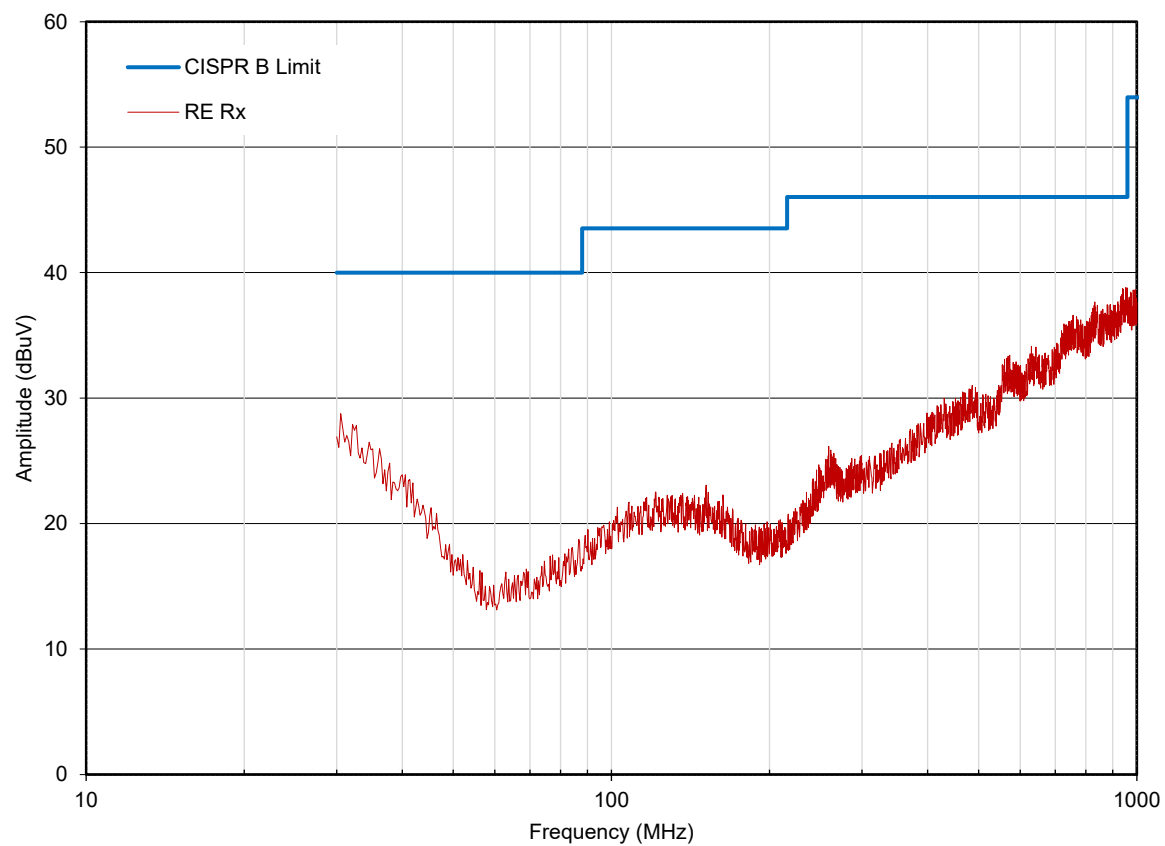
(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

(3) External Amplifier not used

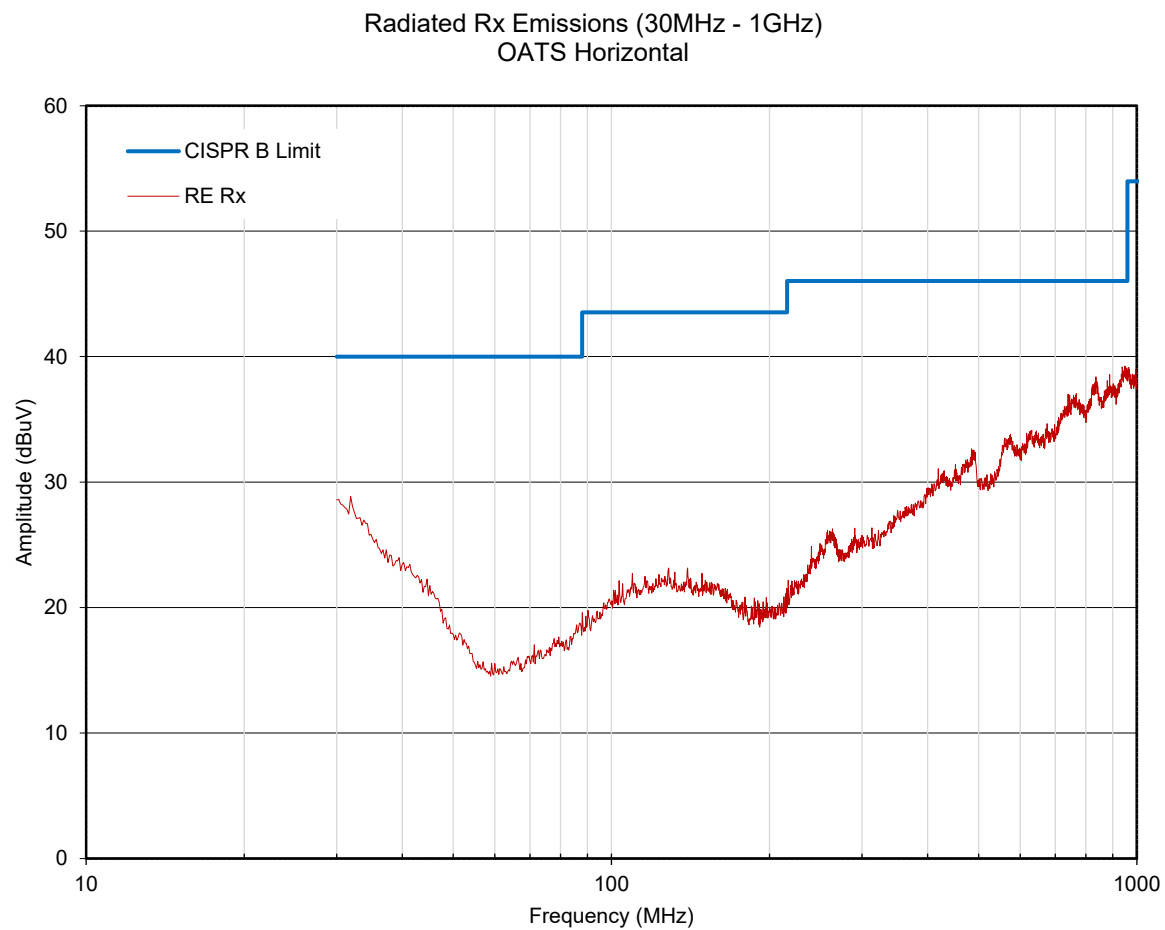
$$E_{\text{Corr}} = E_{\text{Meas}} + \text{ACF} + L_{\text{C}} - G_{\text{A}}$$

Radiated Rx Emissions:

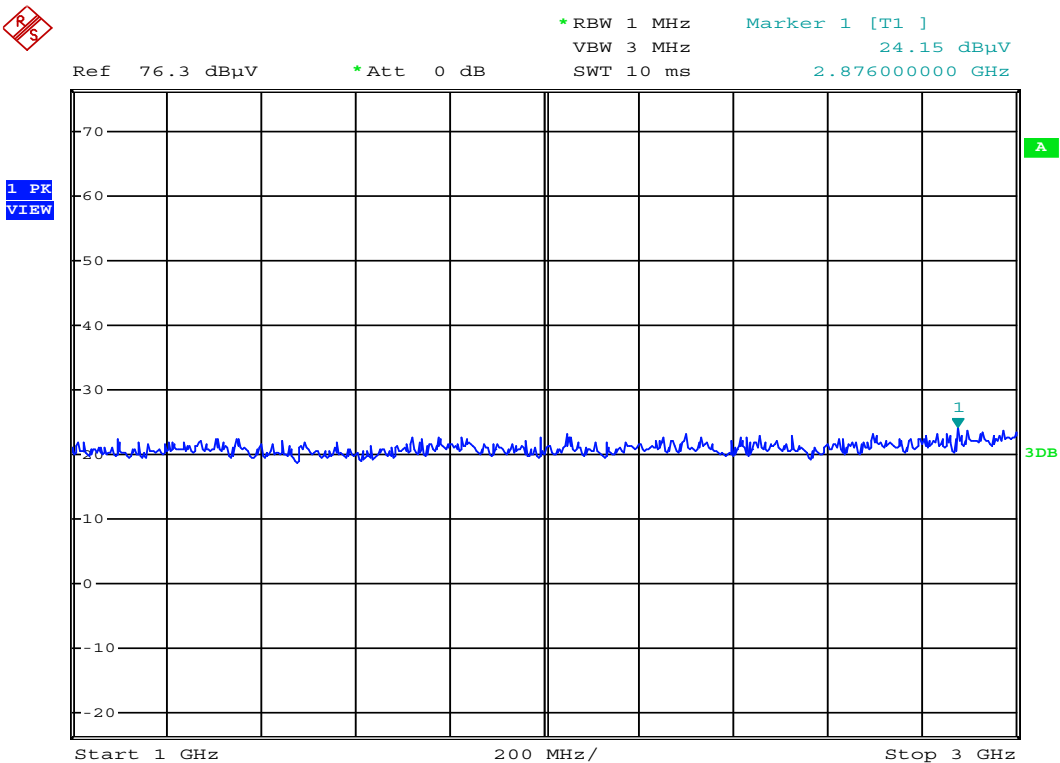
Radiated Rx Emissions (30MHz - 1GHz)
OATS Vertical



Radiated Rx Emissions:



Radiated Rx Emissions:	
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Date: 31.JAN.2023 16:45:58

Polarization: **Horizontal**

Measured Emission: **ND** dBm

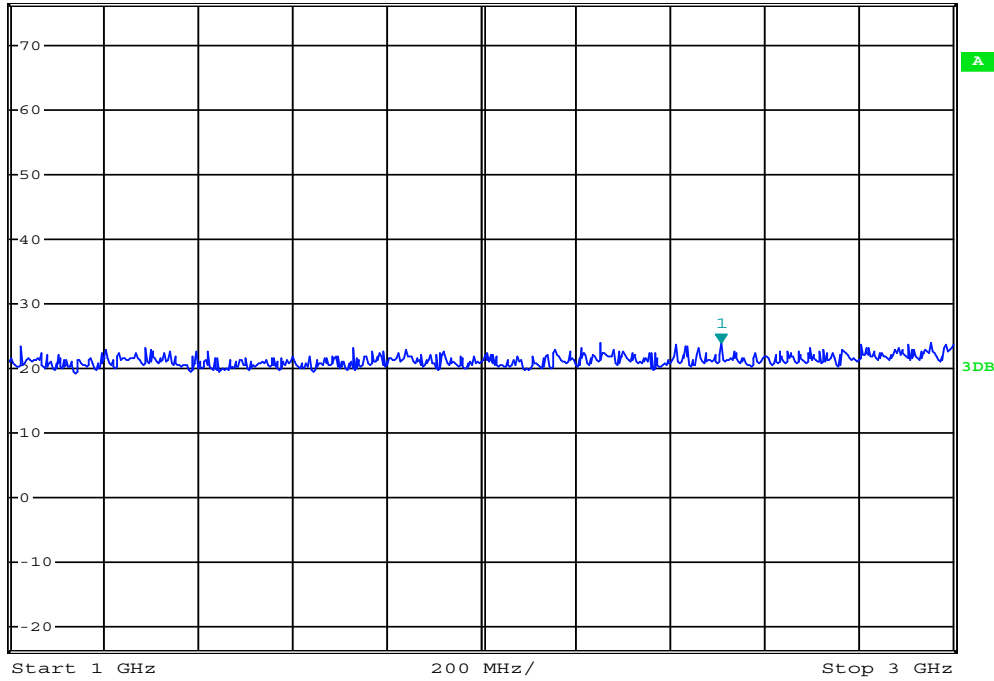
Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      23.89 dBμV
SWT 10 ms      2.508000000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW



Date: 31.JAN.2023 16:47:13

Polarization: Vertical

Measured Emission:	ND	dBm
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Marker 1 [T1]

* Att 0 dB

SWT 140 ms

3.532000000 GHz



A

3 DB

700 MHz/

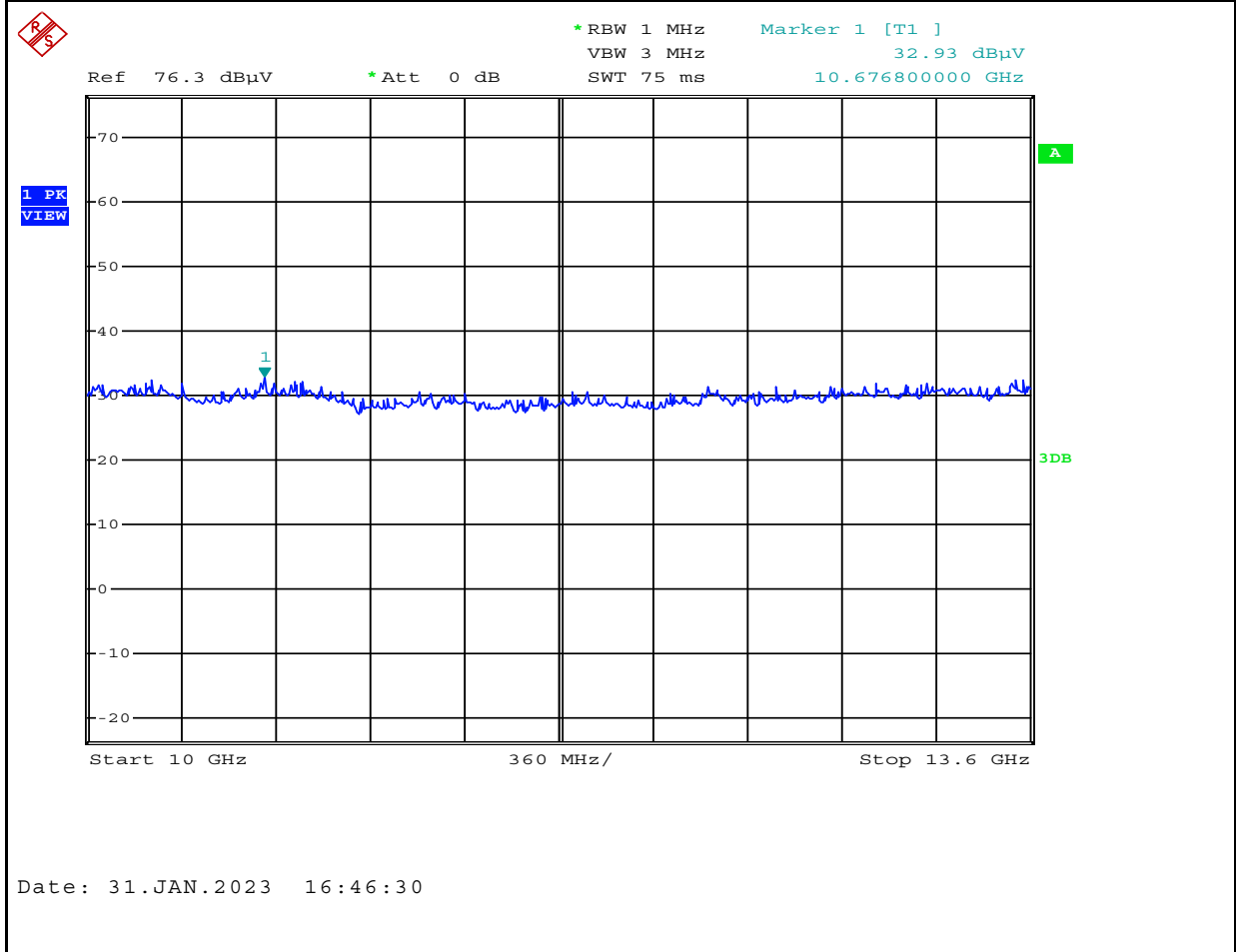
Stop 10 GHz

Polarization: Vertical

Measured Emission:	ND	dBm
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dBm

Radiated Rx Emissions:

Polarization: Horizontal

Measured Emission: **ND** dBm

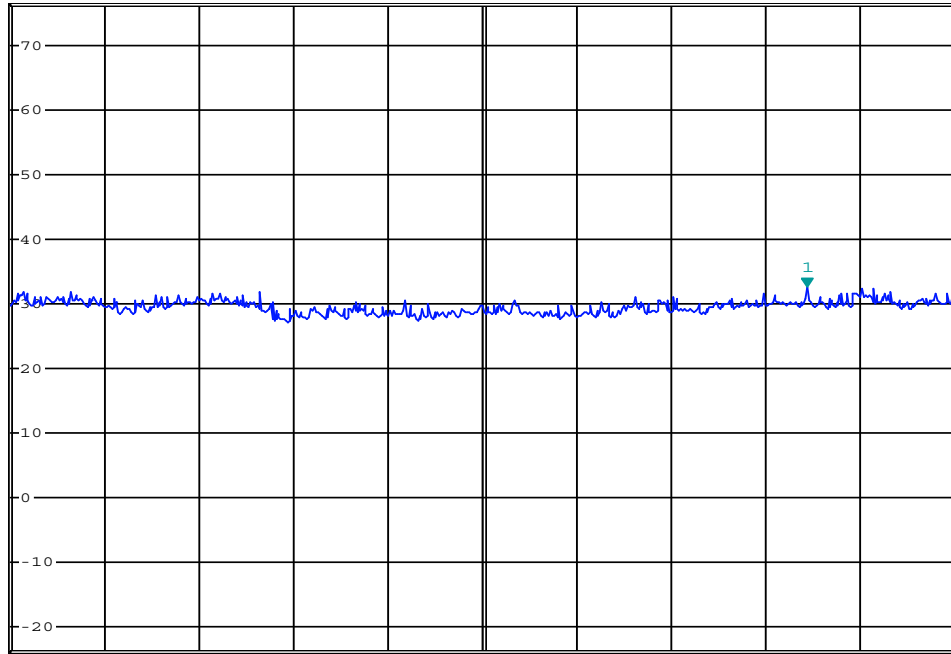
Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      32.65 dBμV
SWT 75 ms      13.038400000 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 16:47:44

Polarization: Vertical

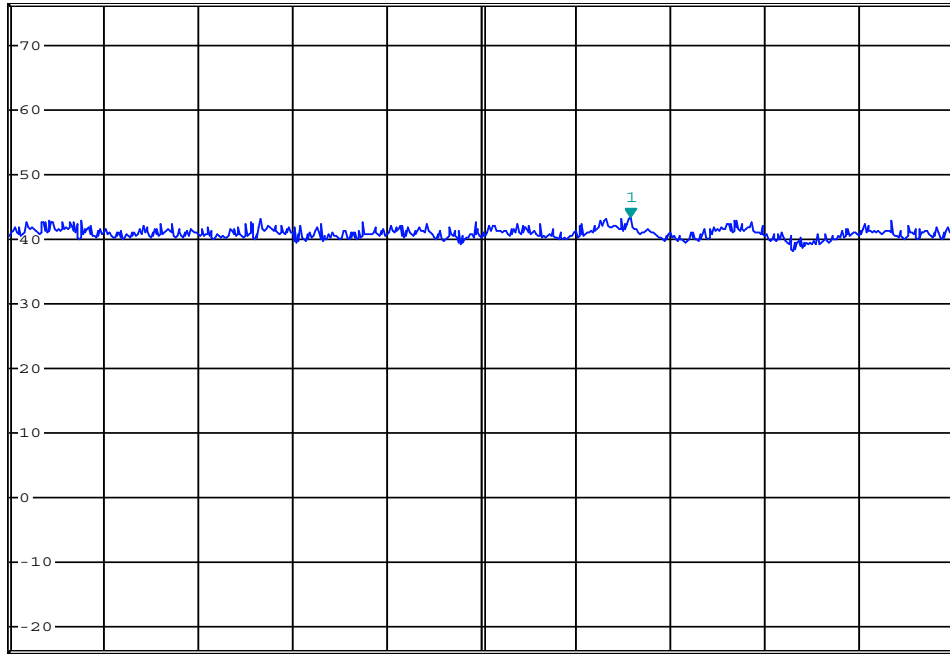
Measured Emission:	ND	dBm
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Radiated Rx Emissions:



```
* RBW 1 MHz      Marker 1 [T1 ]
  VBW 3 MHz      43.39 dBμV
  SWT 90 ms      16.495200000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW

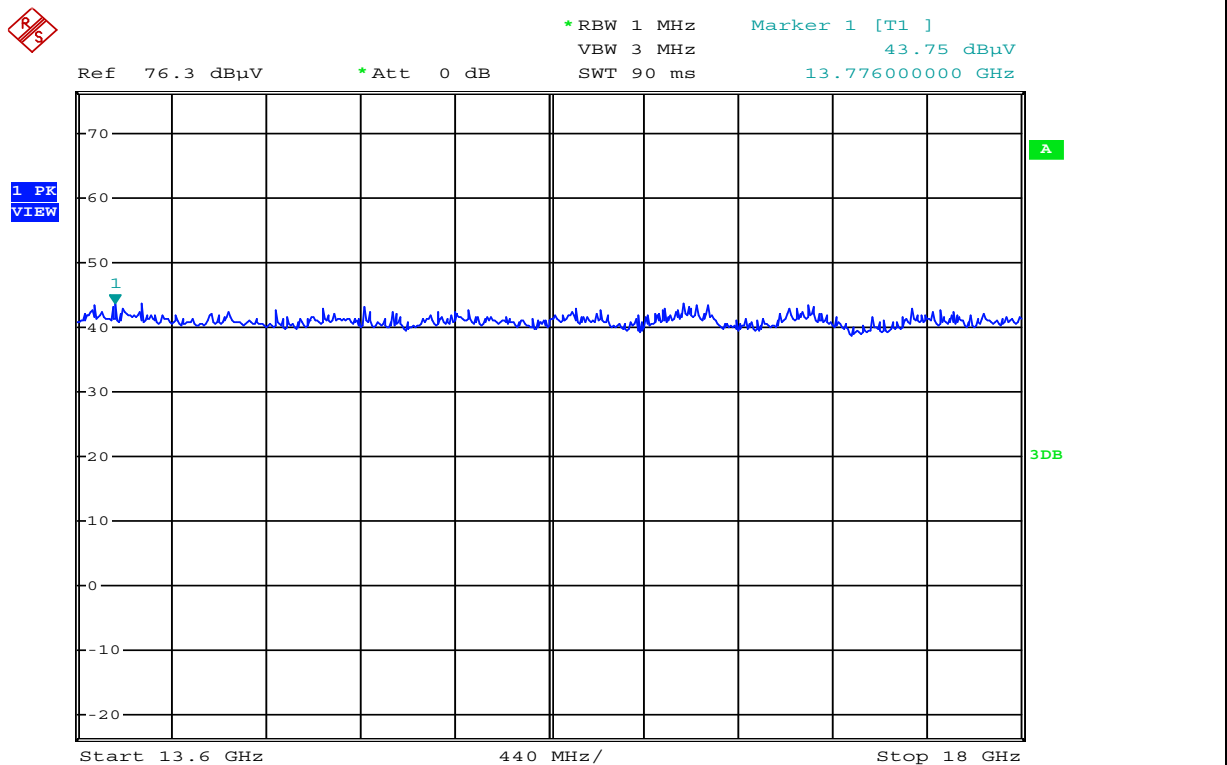
Start 13.6 GHz	440 MHz/	Stop 18 GHz
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Date: 31.JAN.2023 16:46:45

Polarization: Horizontal

Measured Emission:	ND	dBm
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Radiated Rx Emissions:



Date: 31.JAN.2023 16:48:06

Polarization: **Vertical**

Measured Emission: **ND** dBm

Radiated Rx Emissions:

1 PK
VIEW

Ref 76.3 dB μ V

* Att 0 dB

RBW 1 MHz

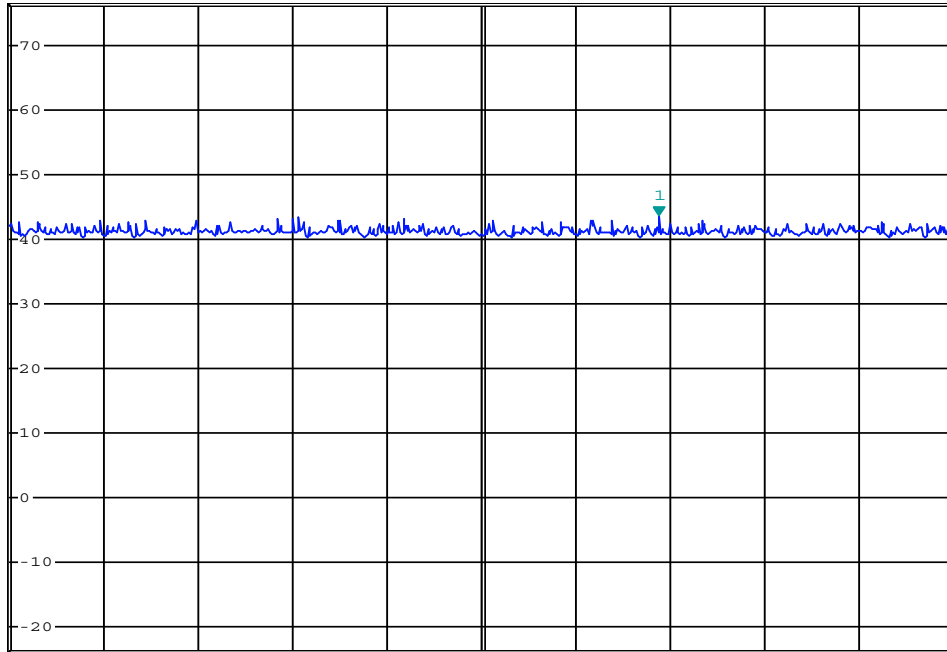
VBW 3 MHz

SWT 10 ms

Marker 1 [T1]

43.55 dBμV

6.780000 ms



TRG

3DB

Center 22 GHz

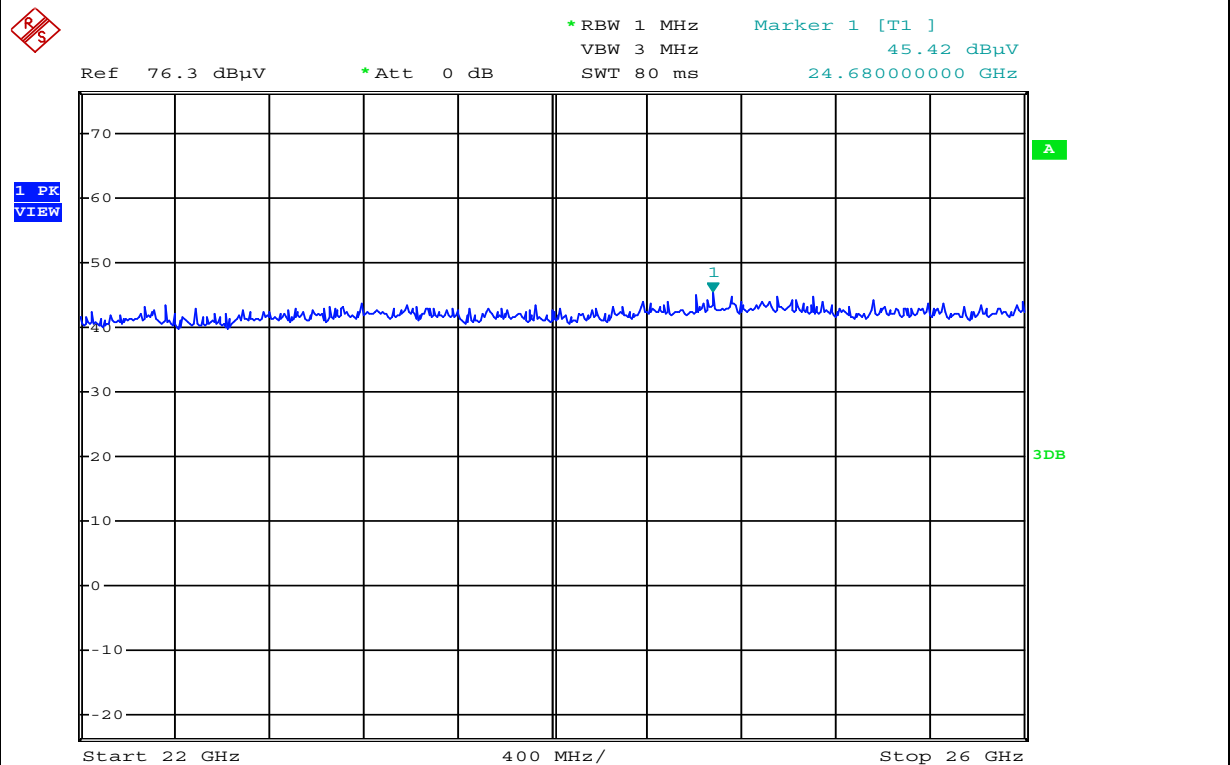
1 ms/

Date: 31.JAN.2023 17:30:55

Polarization: Vertical

Measured Emission:	ND	dBm
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Radiated Rx Emissions:



Date: 31.JAN.2023 17:30:29

Polarization: Horizontal

Measured Emission: **ND** dBm

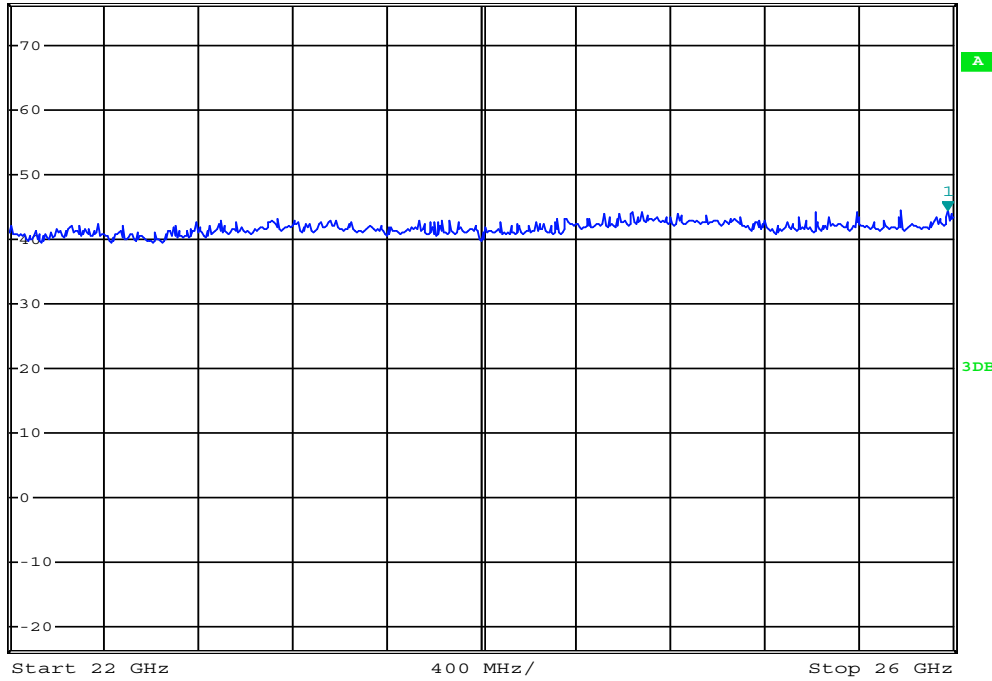
Radiated Rx Emissions:



```
* RBW 1 MHz      Marker 1 [T1 ]
  VBW 3 MHz      44.46 dBμV
  SWT 80 ms      25.976000000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW



Date: 31.JAN.2023 17:31:11

Polarization: Vertical

Measured Emission:	ND	dBm
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Results:									Complies	

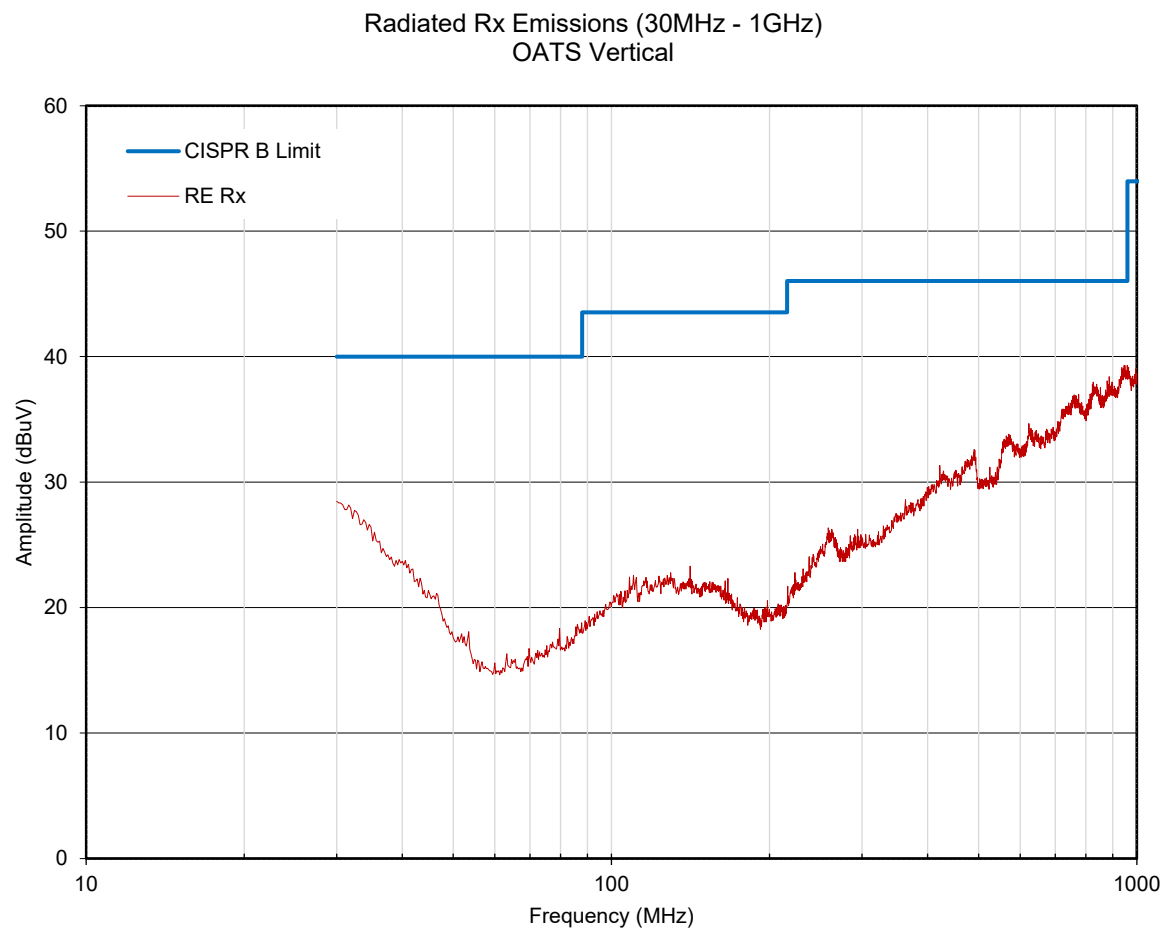
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(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

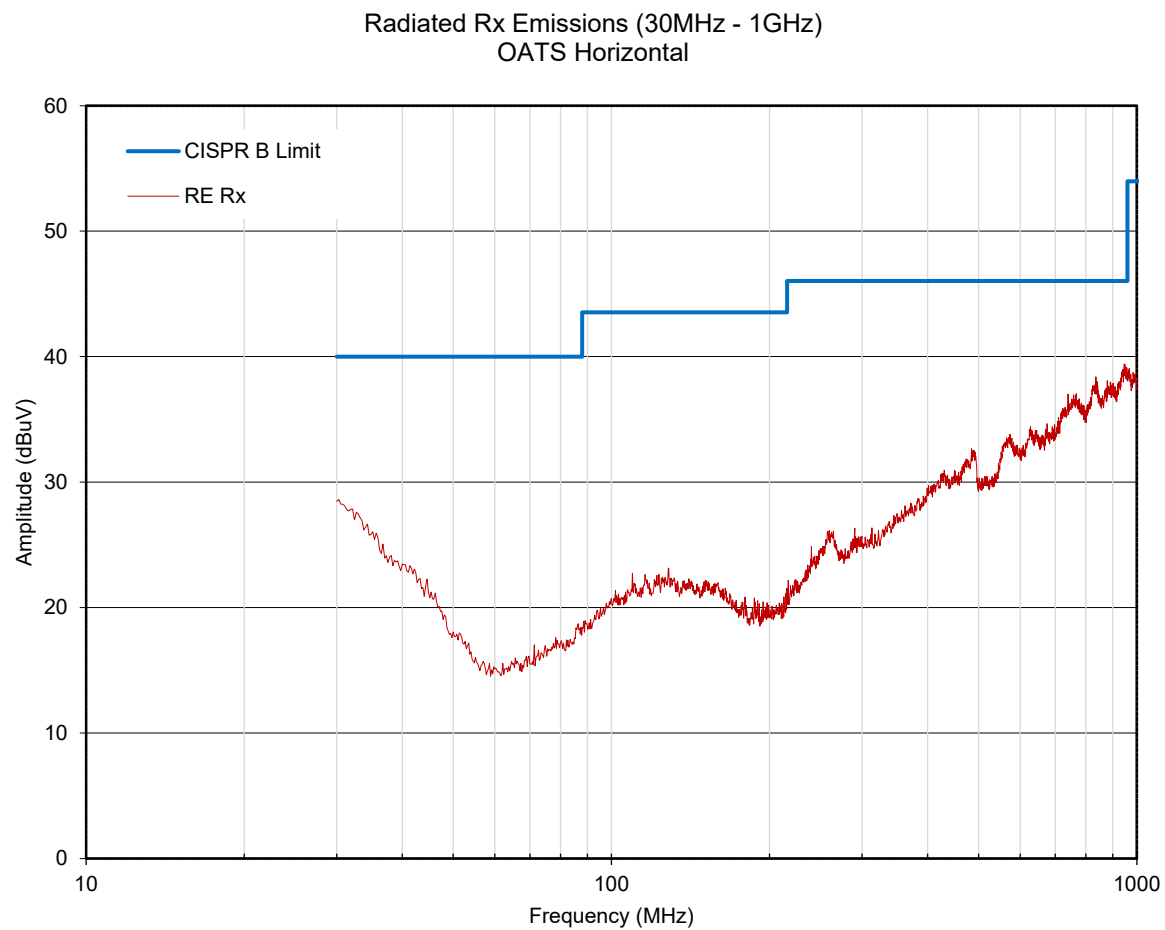
(3) External Amplifier not used

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

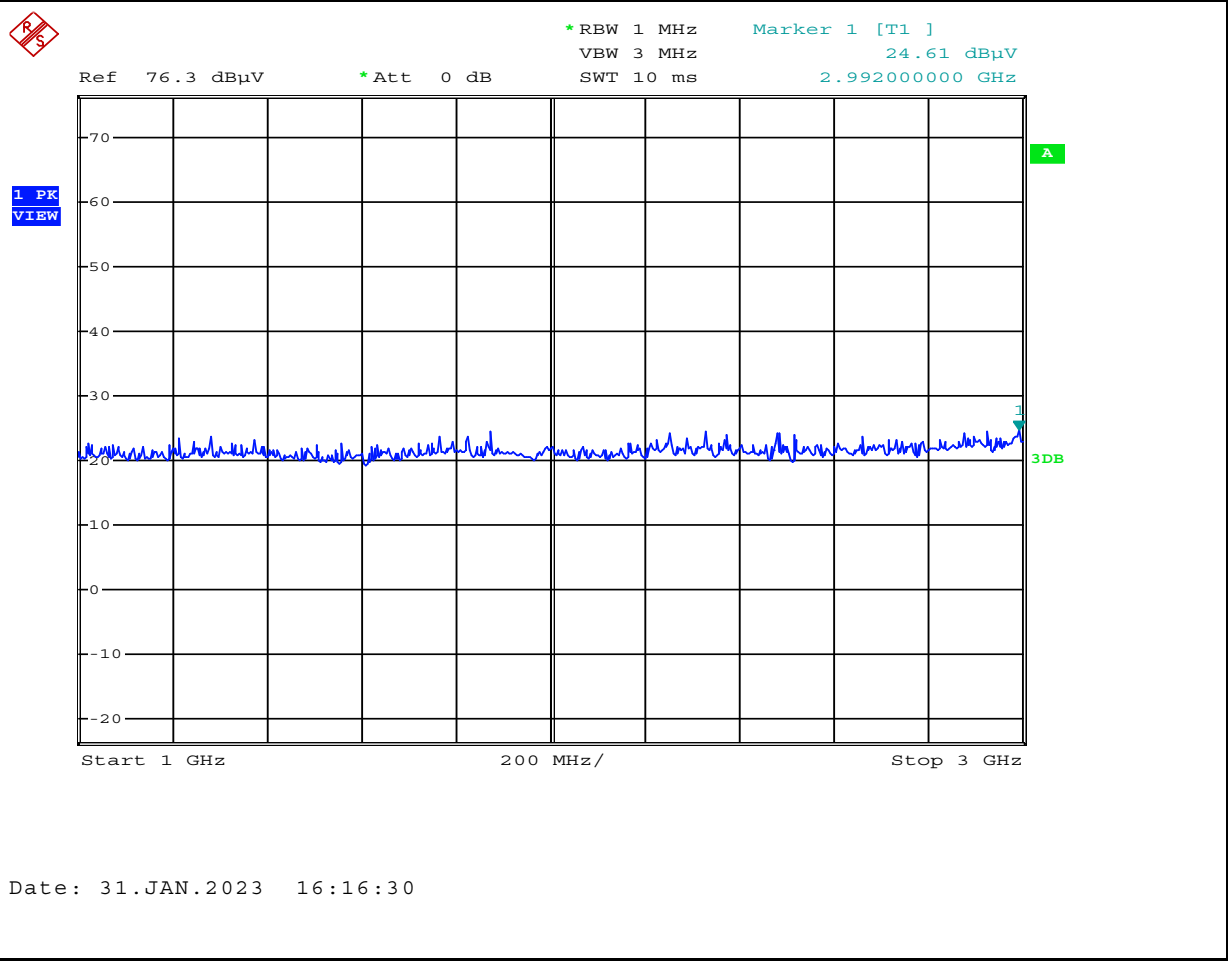
Radiated Rx Emissions:



Radiated Rx Emissions:



Radiated Rx Emissions:

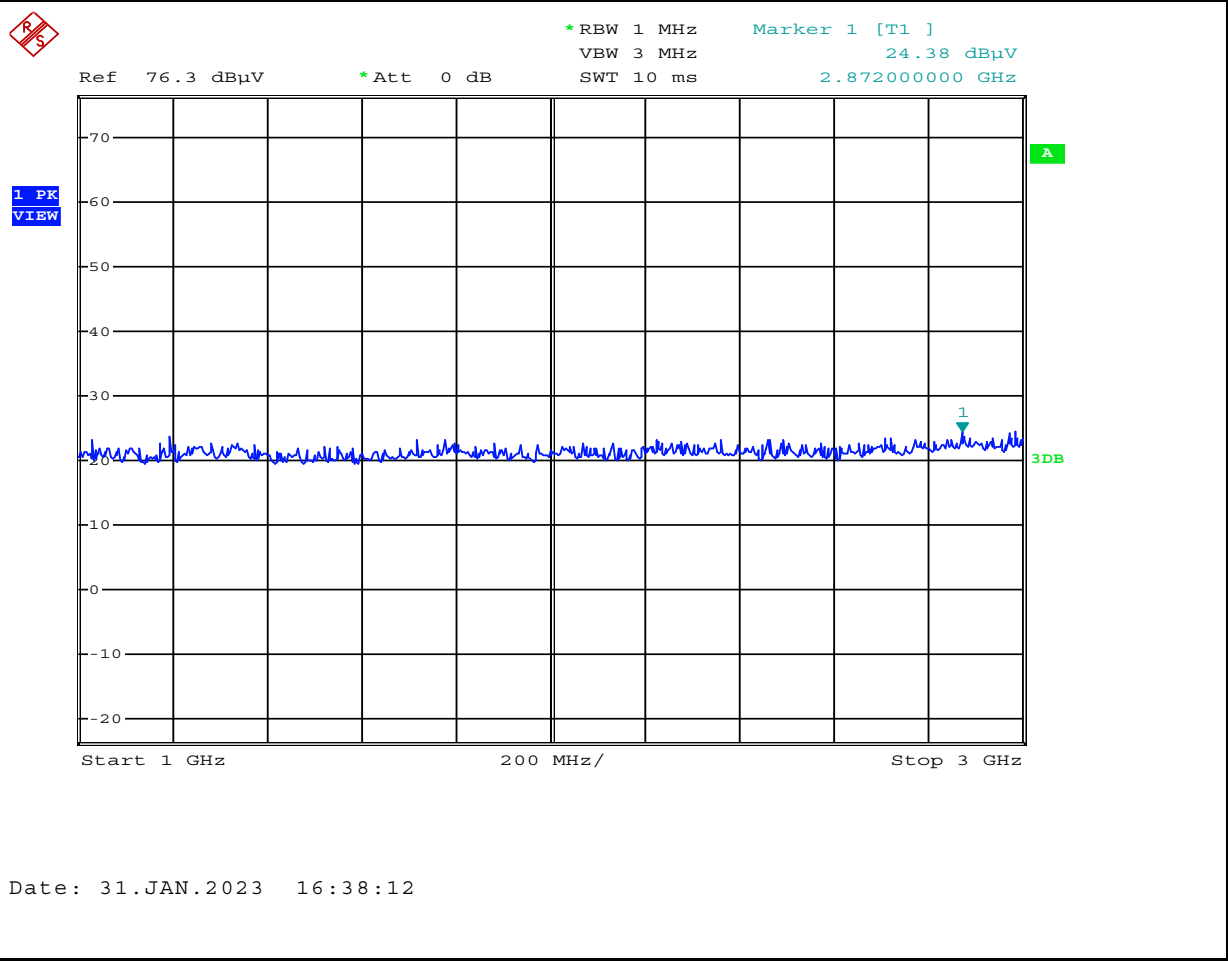


Polarization:

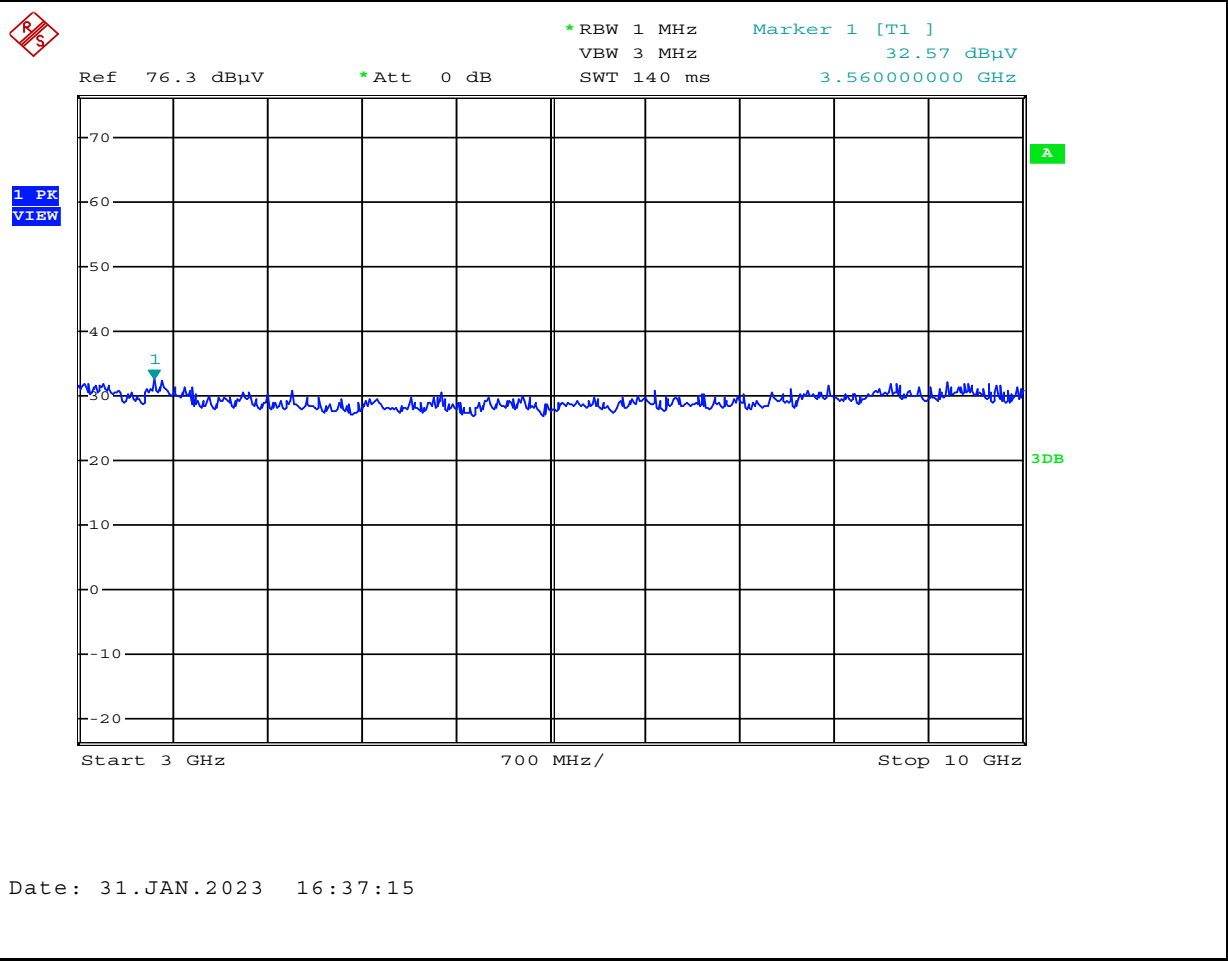
Marker 1 = Fundamental

Measured Emission: dBm

Radiated Rx Emissions:



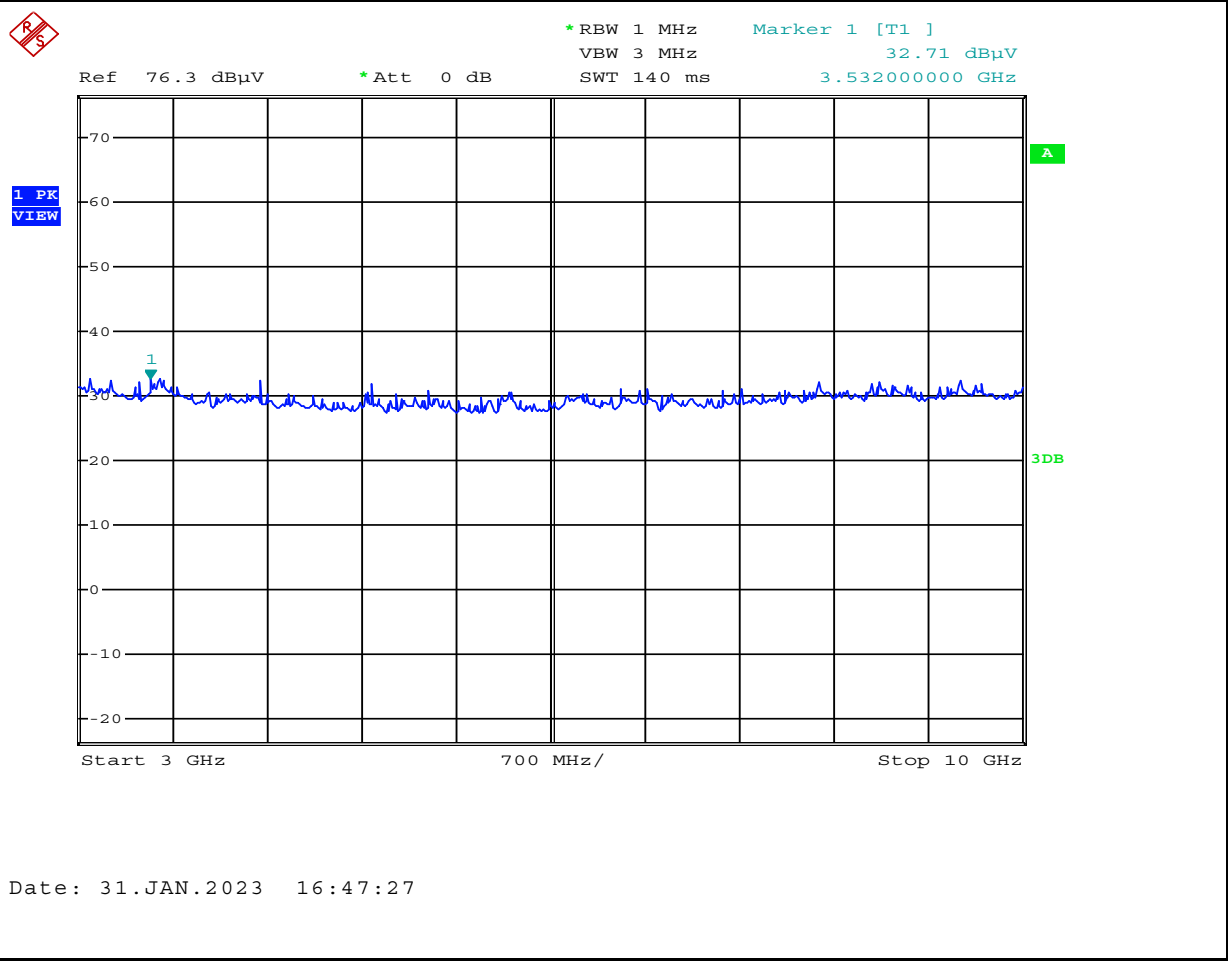
Radiated Rx Emissions:



Polarization:

Measured Emission: dBm

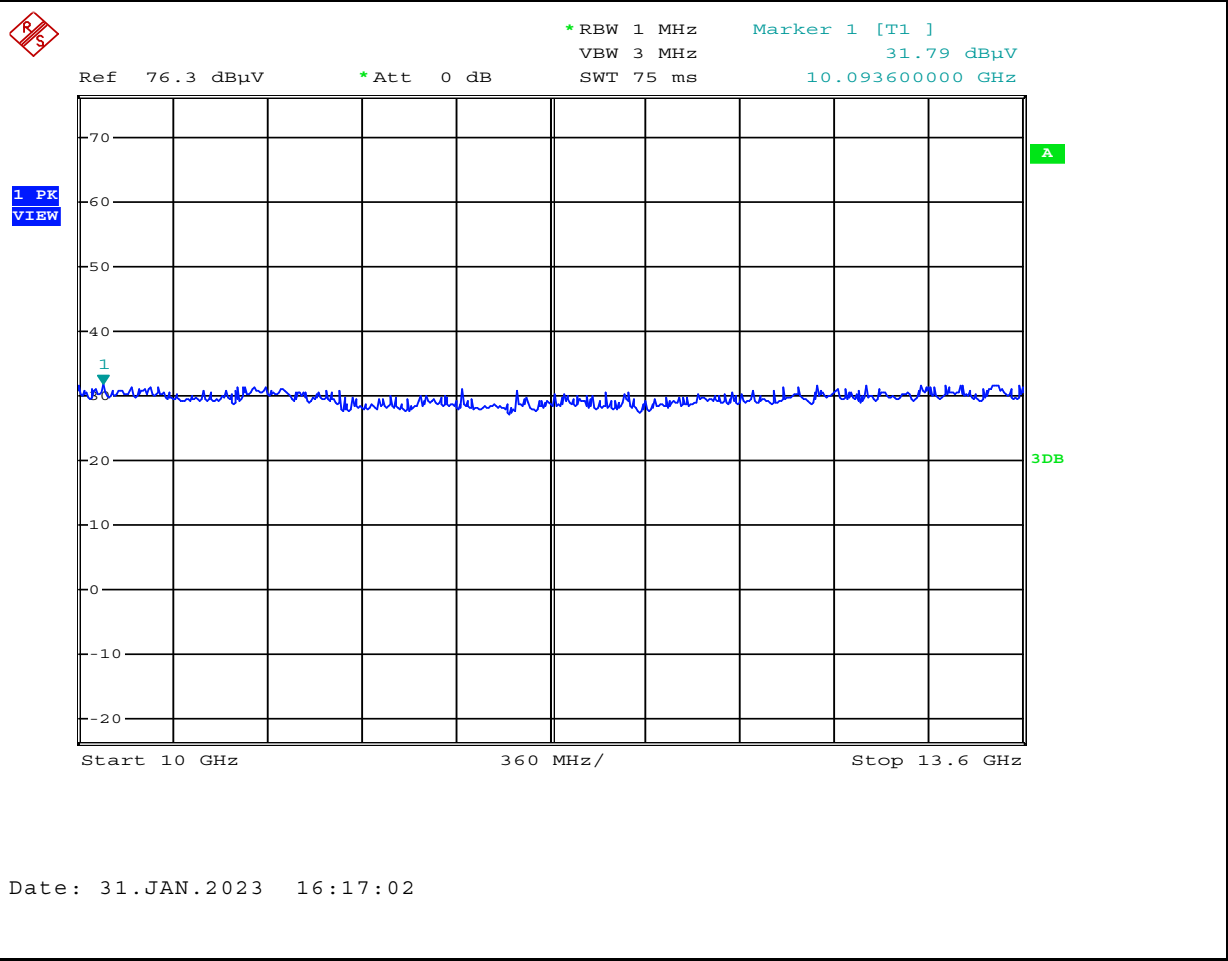
Radiated Rx Emissions:



Polarization: **Vertical**

Measured Emission: **ND** dBm

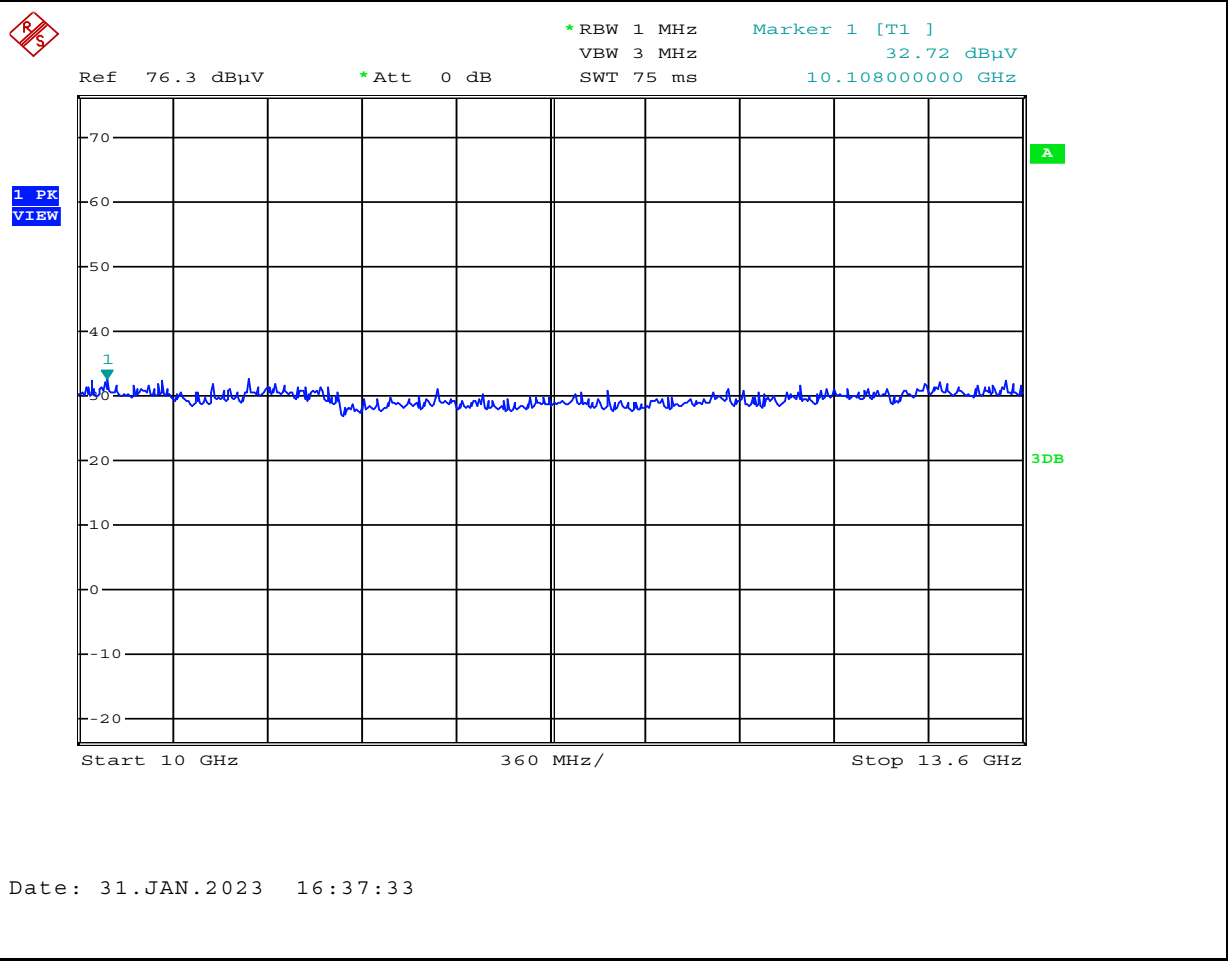
Radiated Rx Emissions:



Polarization:

Measured Emission: dBm

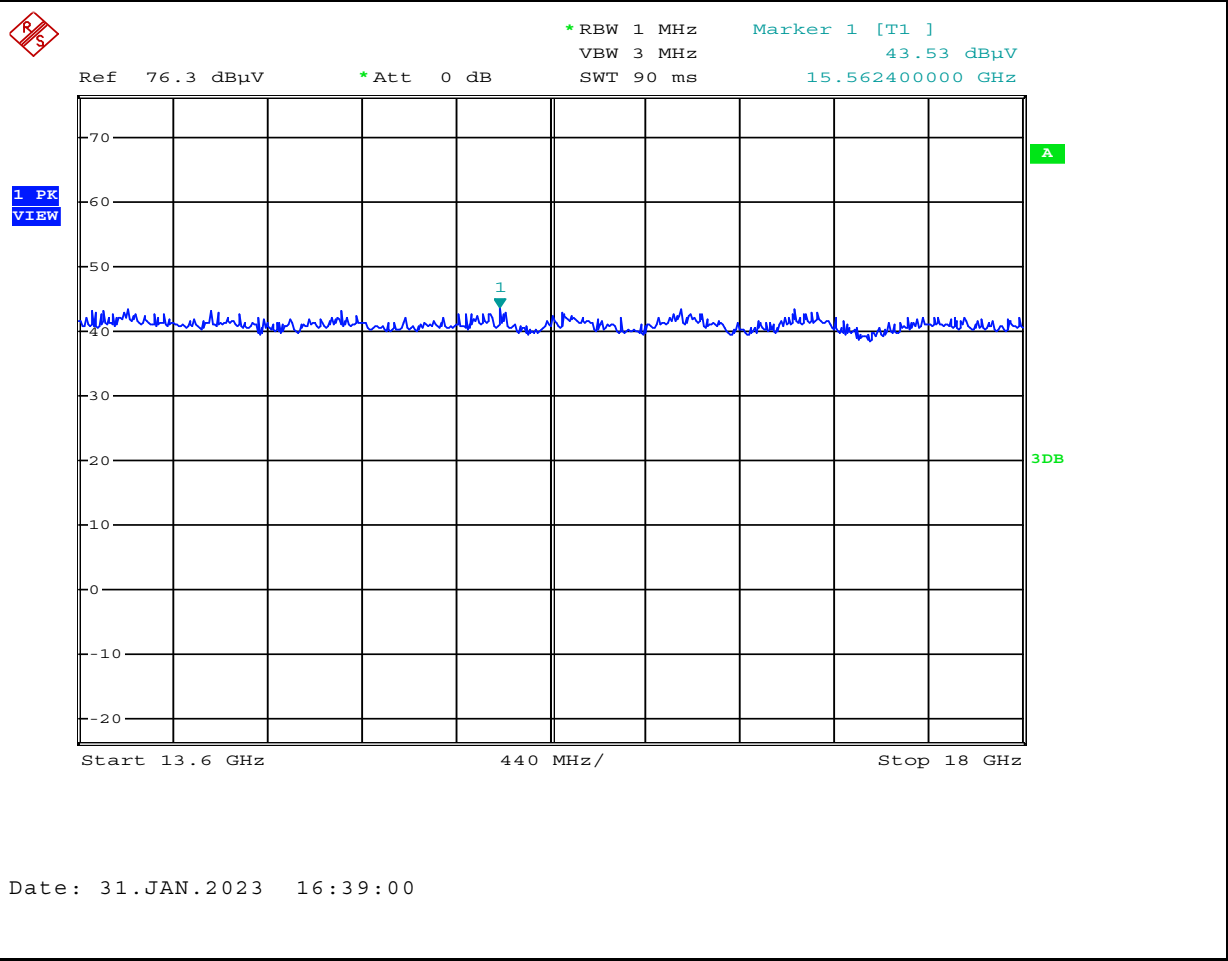
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

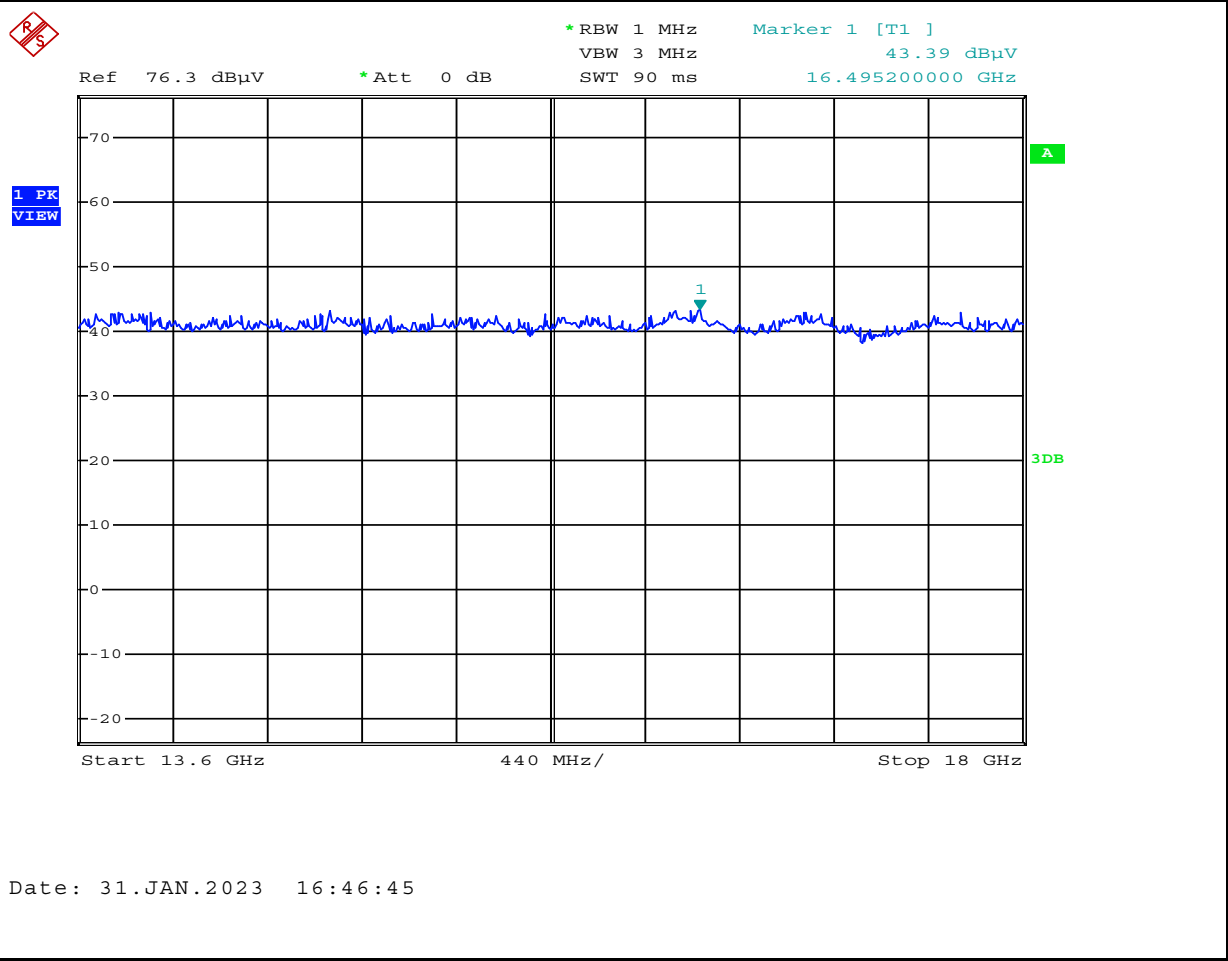
Radiated Rx Emissions:



Polarization:

Measured Emission: dBm

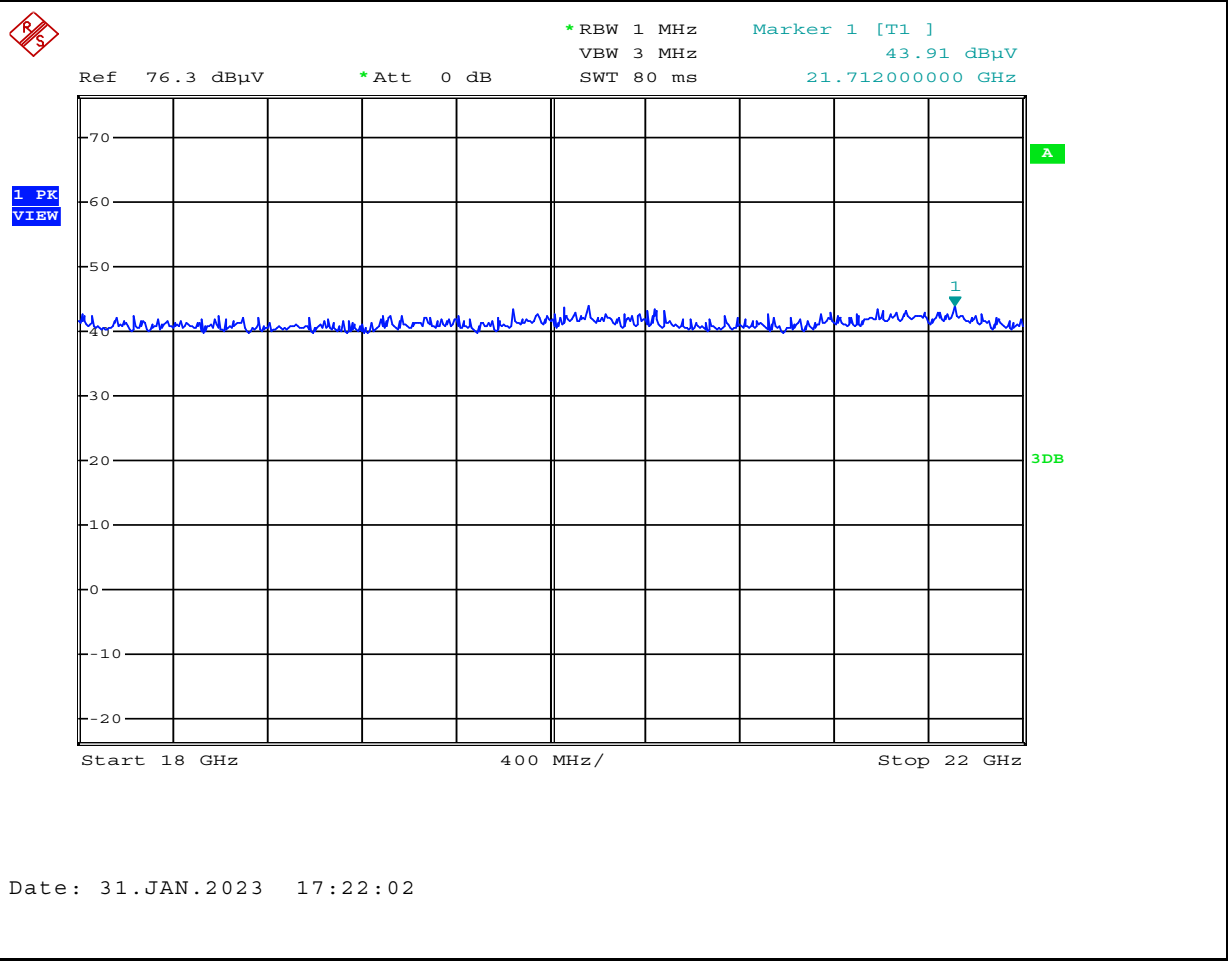
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

Radiated Rx Emissions:



Polarization:

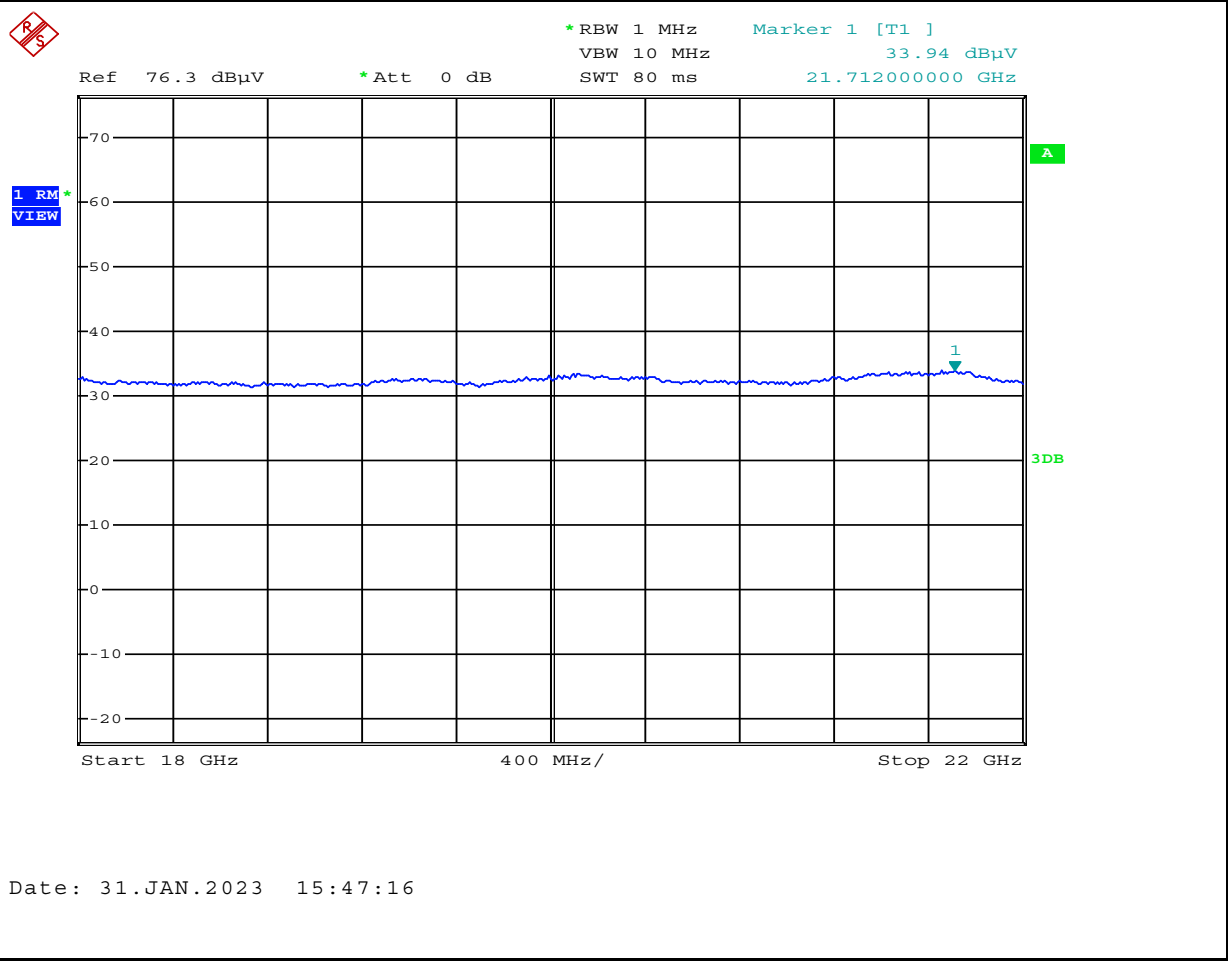
Horizontal

Measured Emission:

ND

 dBm

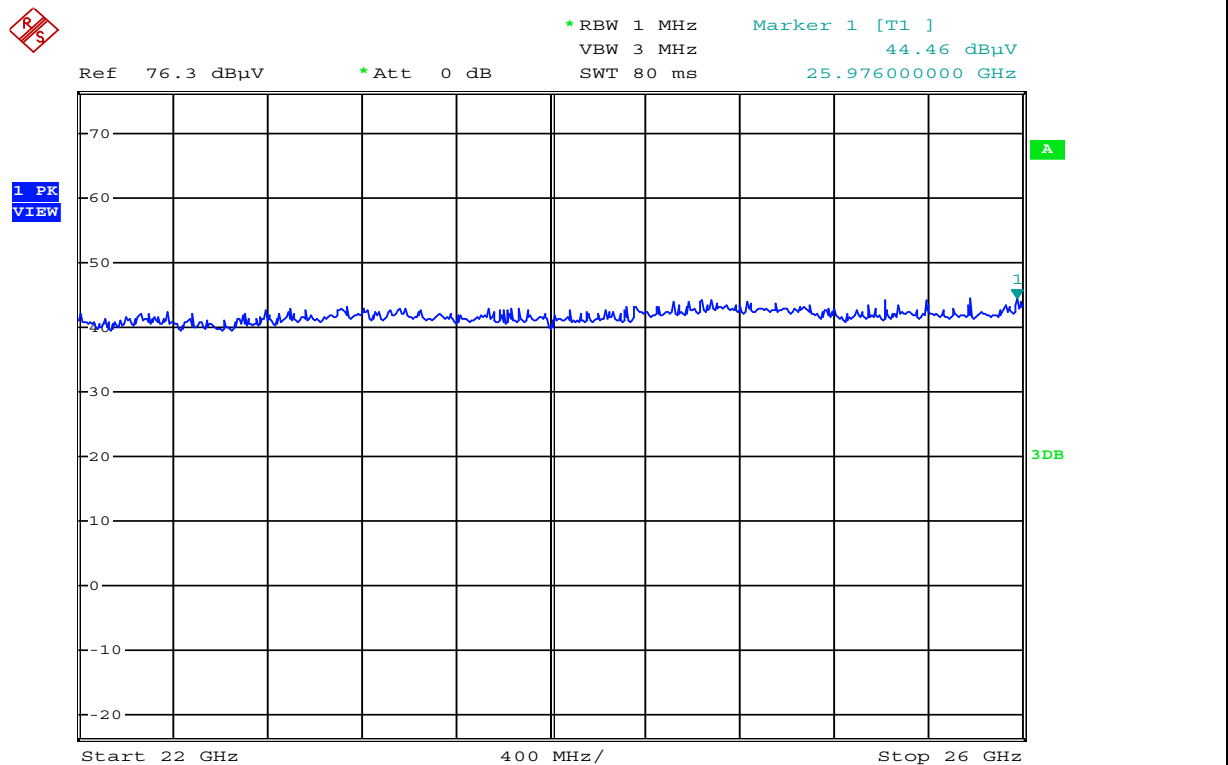
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

Radiated Rx Emissions:

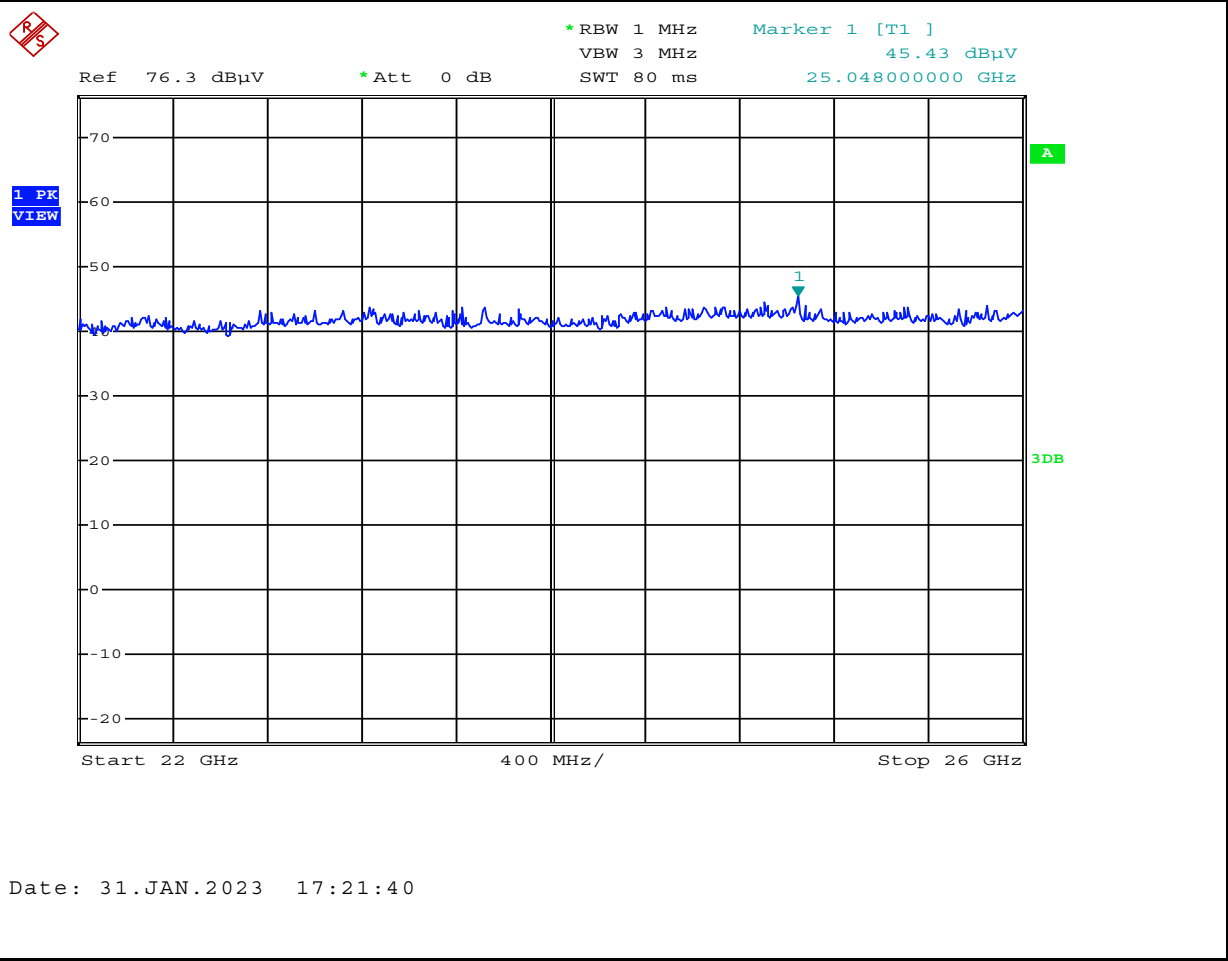


Date: 31.JAN.2023 17:31:11

Polarization: **Horizontal**

Measured Emission: **ND** dBm

Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm