

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

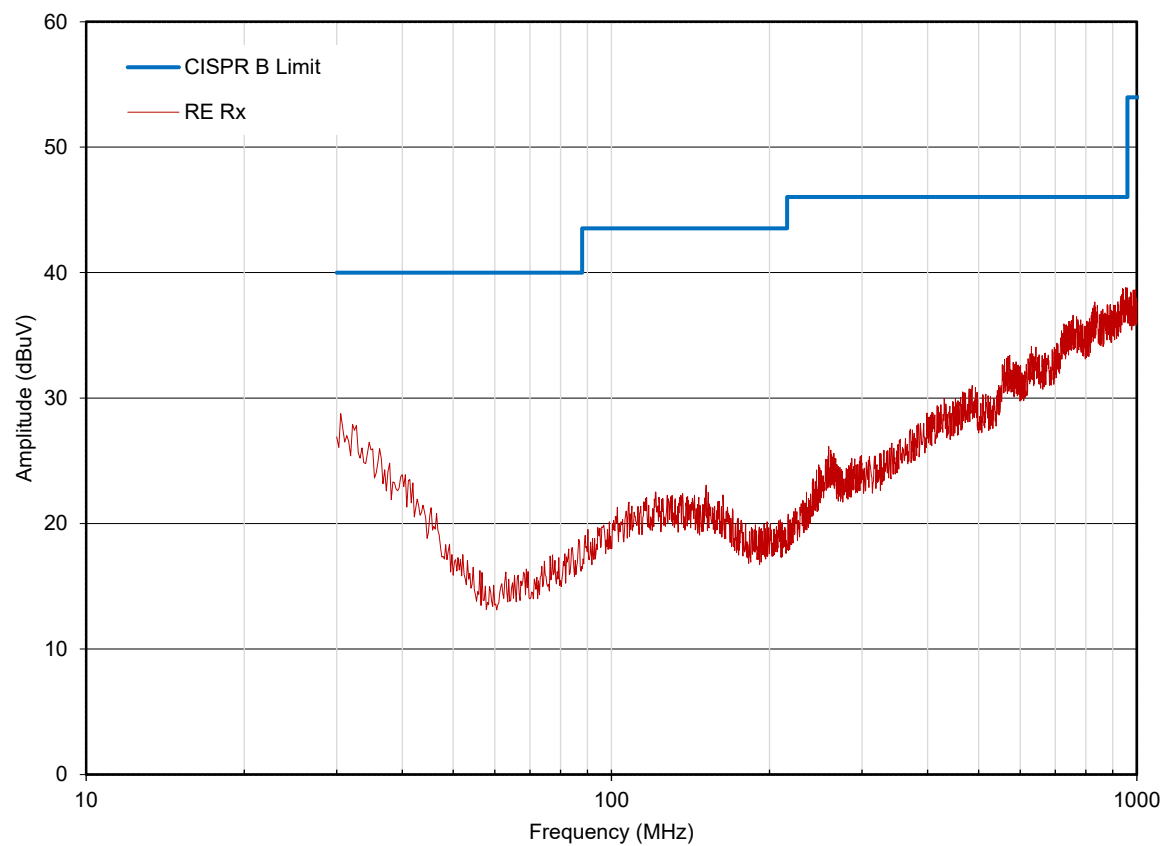
(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

(3) External Amplifier not used

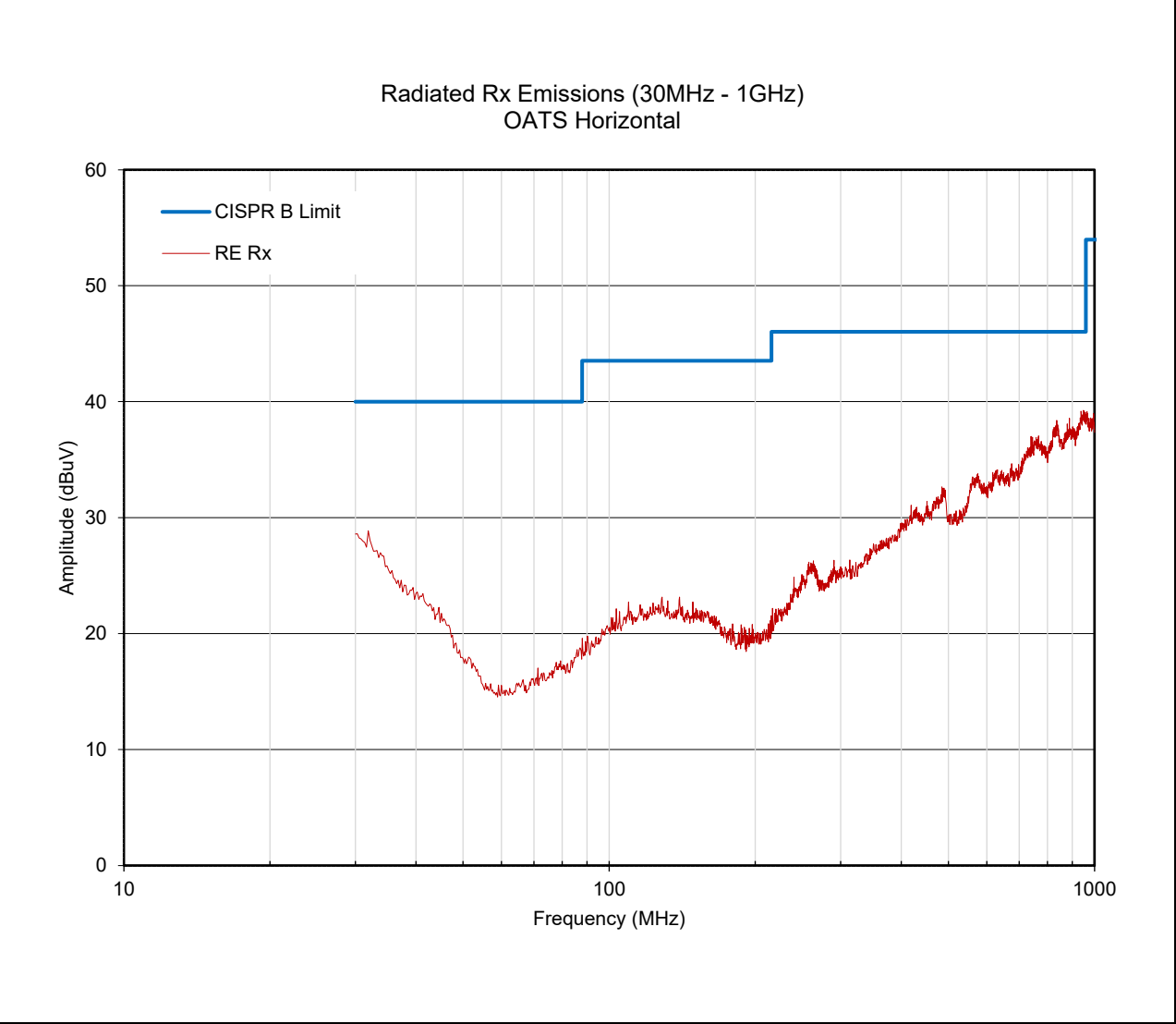
$$E_{\text{Corr}} = E_{\text{Meas}} + \text{ACF} + L_{\text{C}} - G_{\text{A}}$$

Radiated Rx Emissions:

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



Radiated Rx Emissions:



Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      24.15 dBμV
SWT 10 ms      1.728000000 GHz
```

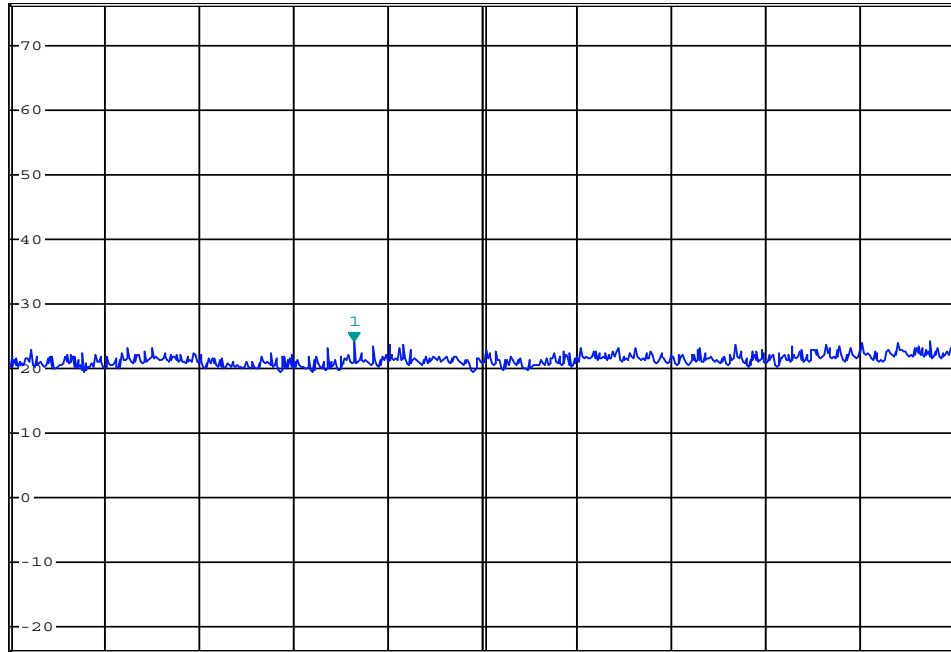
Ref 76.3 dBμV

* Att 0 dB

SWT 10 ms

1.728000000 GHz

1 PK
VIEW



Start 1 GHz

200 MHz/

Stop 3 GHz

Date: 31.JAN.2023 16:36:57

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

Radiated Rx Emissions:	
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```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      24.38 dBμV
SWT 10 ms      2.872000000 GHz
```

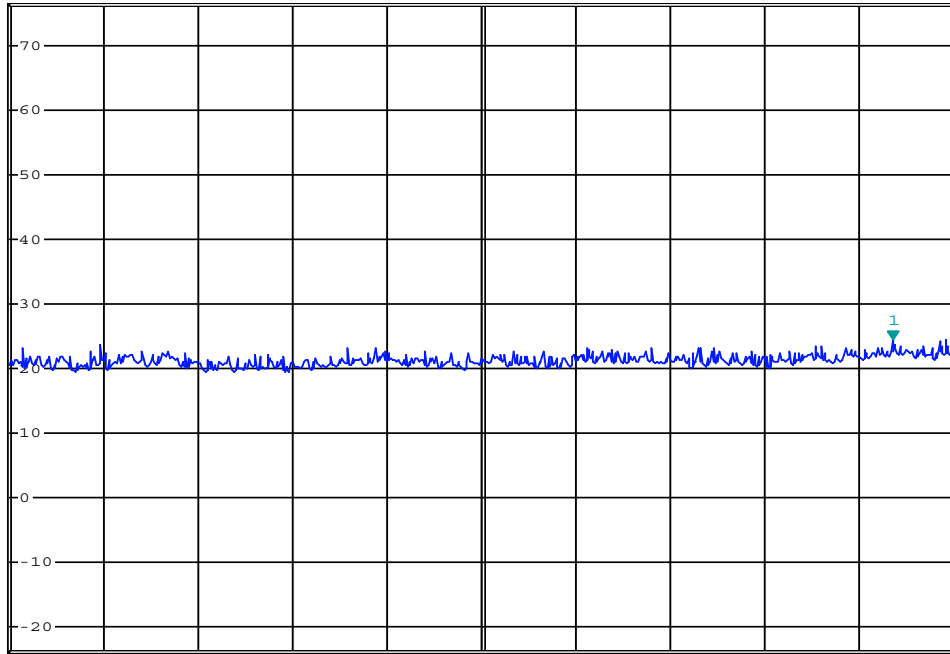
Ref 76.3 dB μ V

* Att 0 dB

SWT 10 ms

2.872000000 GHz

1 PK
VIEW



Start 1 GHz

200 MHz/

Stop 3 GHz

Date: 31.JAN.2023 16:38:12

Polarization: Vertical

Measured Emission:	ND	dBm
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Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      32.57 dBμV
SWT 140 ms     3.560000000 GHz
```

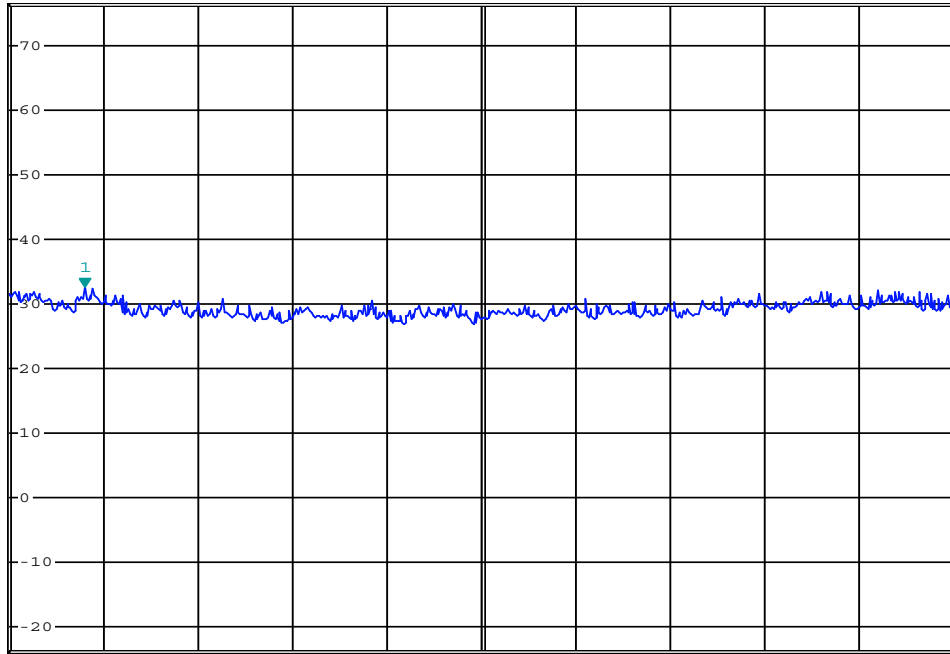
Ref 76.3 dB μ V

* Att 0 dB

SWT 140 ms

3.560000000 GHz

1 PK
VIEW



Start 3 GHz

700 MHz/

Stop 10 GHz

A

3DB

Date: 31.JAN.2023 16:37:15

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

Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      32.42 dBμV
SWT 140 ms     3.532000000 GHz
```

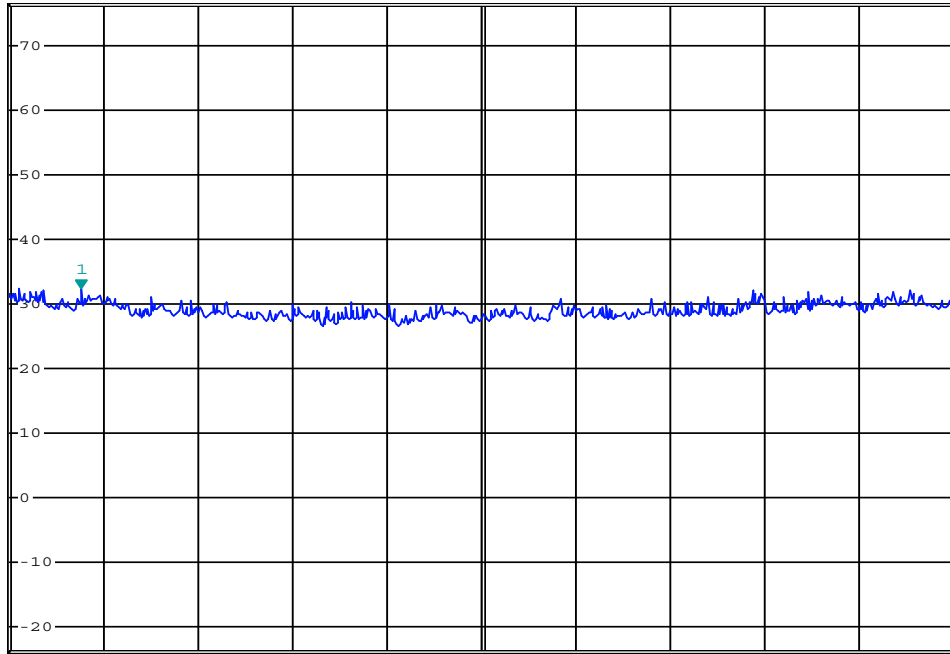
Ref 76.3 dB μ V

* Att 0 dB

SWT 140 ms

3.532000000 GHz

1 PK
VIEW



Start 3 GHz

700 MHz/

Stop 10 GHz

Date: 31.JAN.2023 16:38:26

Polarization: Vertical

Measured Emission:	ND	dBm
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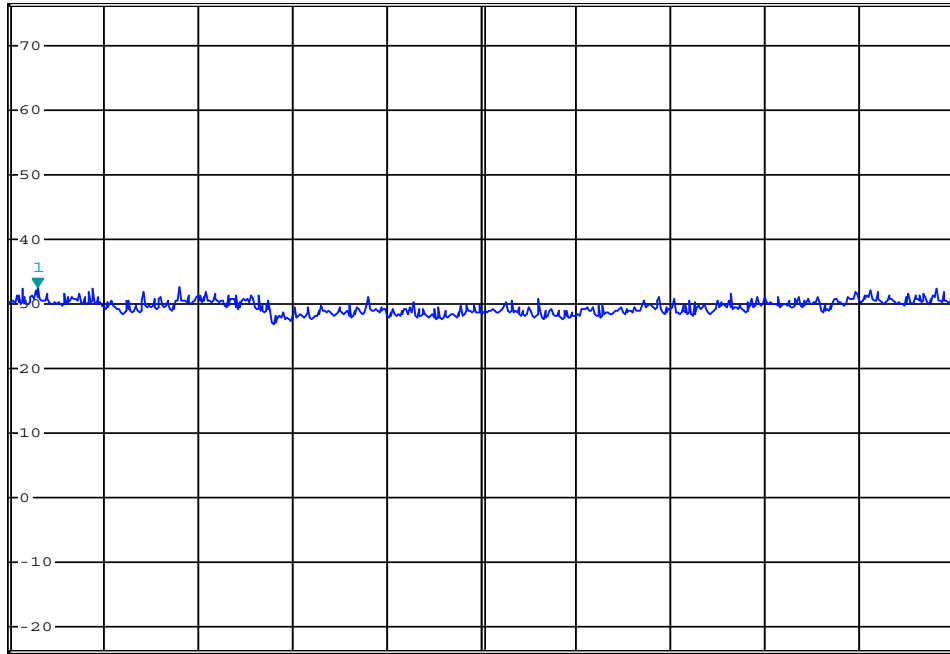
Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      32.72 dBμV
SWT 75 ms      10.108000000 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 16:37:33

Polarization: Horizontal

Measured Emission:	ND	dBm
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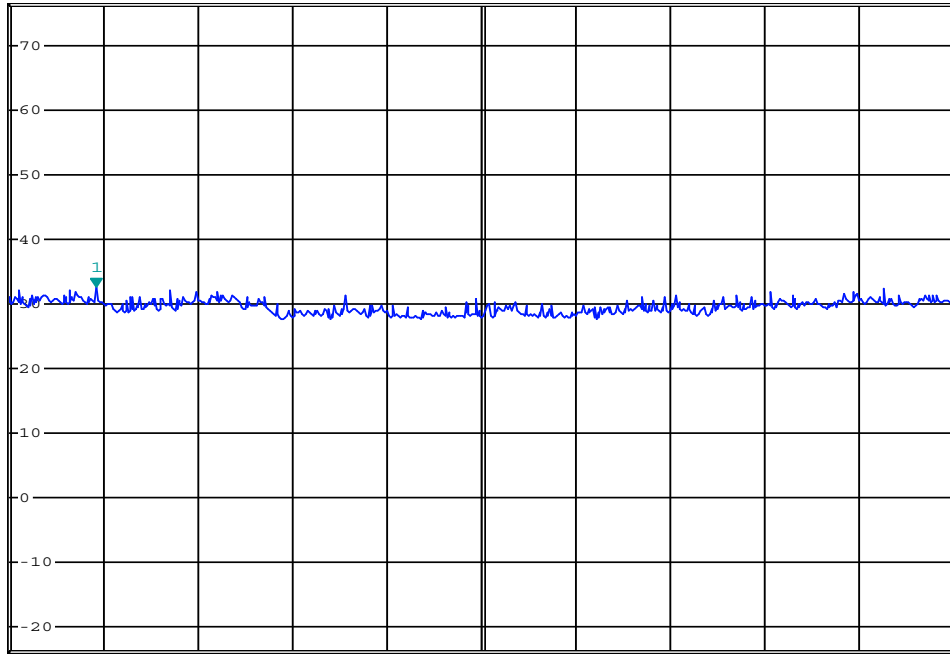
Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      32.67 dBμV
SWT 75 ms      10.331200000 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 16:38:45

Polarization: Vertical

Measured Emission:	ND	dBm
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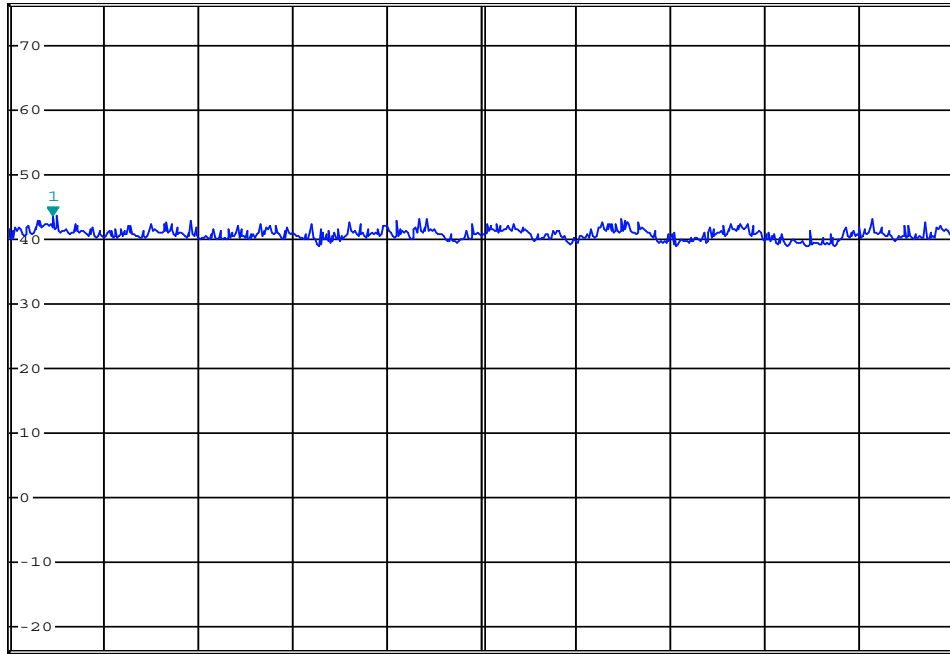
Radiated Rx Emissions:



```
* RBW 1 MHz      Marker 1 [T1 ]
  VBW 3 MHz      43.69 dBμV
  SWT 90 ms      13.802400000 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 16:37:52

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

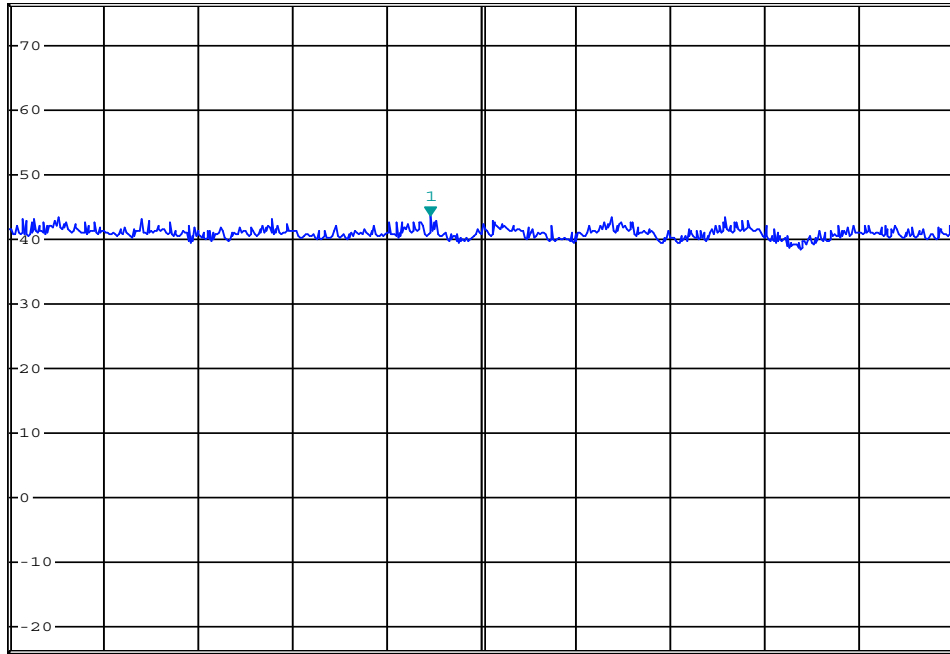
Radiated Rx Emissions:



```
* RBW 1 MHz      Marker 1 [T1 ]
  VBW 3 MHz      43.53 dBμV
  SWT 90 ms      15.562400000 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 16:39:00

Polarization: Vertical

Measured Emission:	ND	dBm
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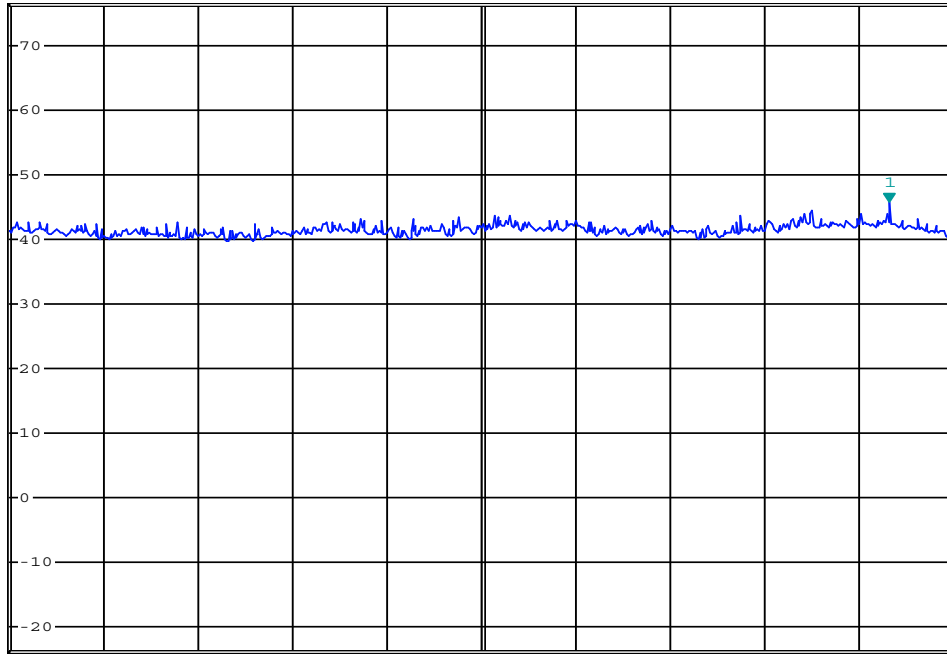
Radiated Rx Emissions:



```
*RBW 1 MHz      Marker 1 [T1 ]
VBW 3 MHz      45.62 dBμV
SWT 80 ms      21.728000000 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 17:21:21

Polarization: Horizontal

Measured Emission:	ND	dBm
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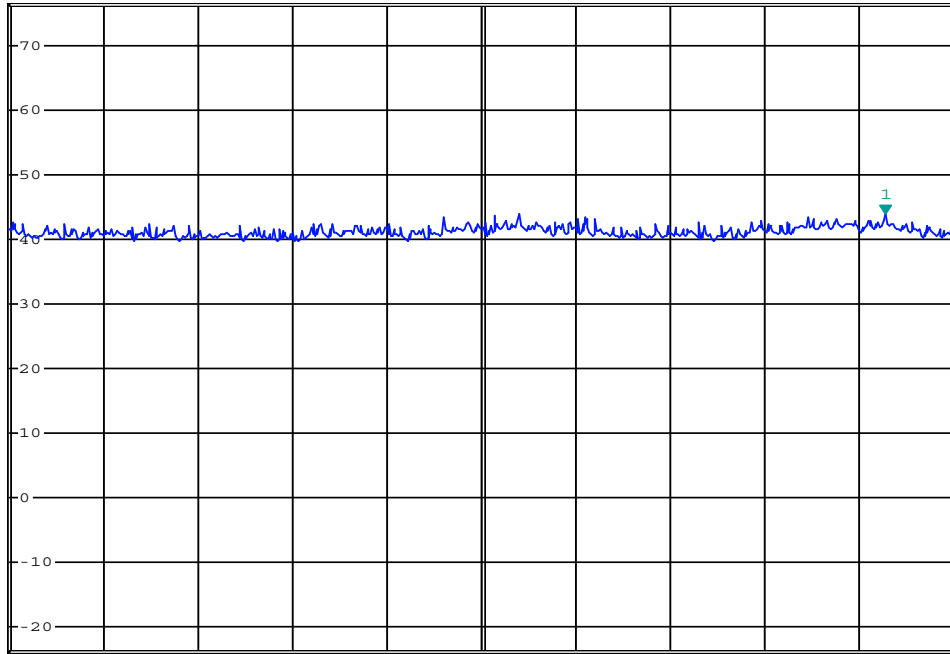
Radiated Rx Emissions:



```
* RBW 1 MHz      Marker 1 [T1 ]
  VBW 3 MHz      43.91 dBμV
  SWT 80 ms      21.712000000 GHz
```

Ref 76.3 dBμV * Att 0 dB

1 PK
VIEW



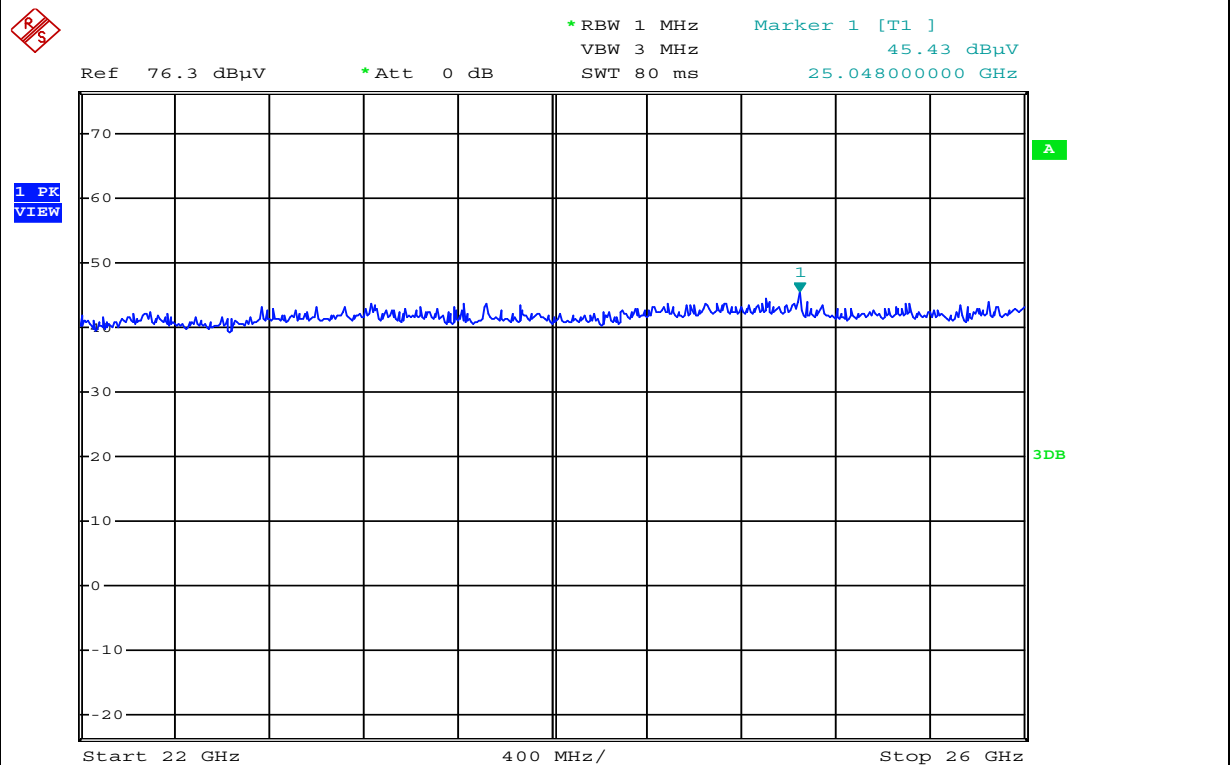
Start 18 GHz	400 MHz/	Stop 22 GHz
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Date: 31.JAN.2023 17:22:02

Polarization: Vertical

Measured Emission:	ND	dBm
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Radiated Rx Emissions:



Date: 31.JAN.2023 17:21:40

Polarization: Horizontal

Measured Emission: **ND** dBm

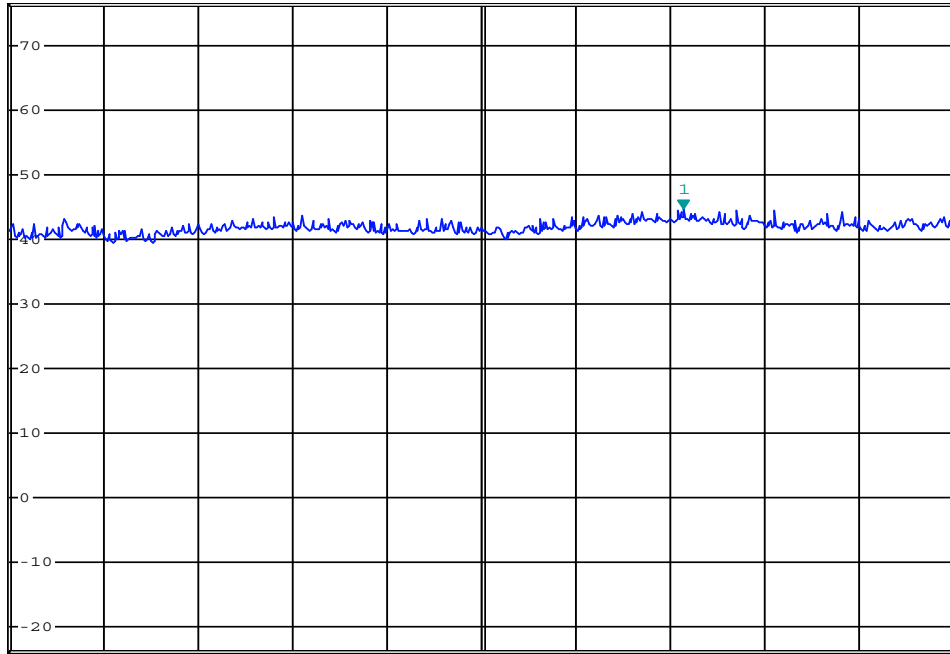
Radiated Rx Emissions:



```
* RBW 1 MHz      Marker 1 [T1 ]
  VBW 3 MHz      44.64 dBμV
  SWT 80 ms      24.856000000 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 17:22:26

Polarization: Vertical

Measured Emission:	ND	dBm
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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	

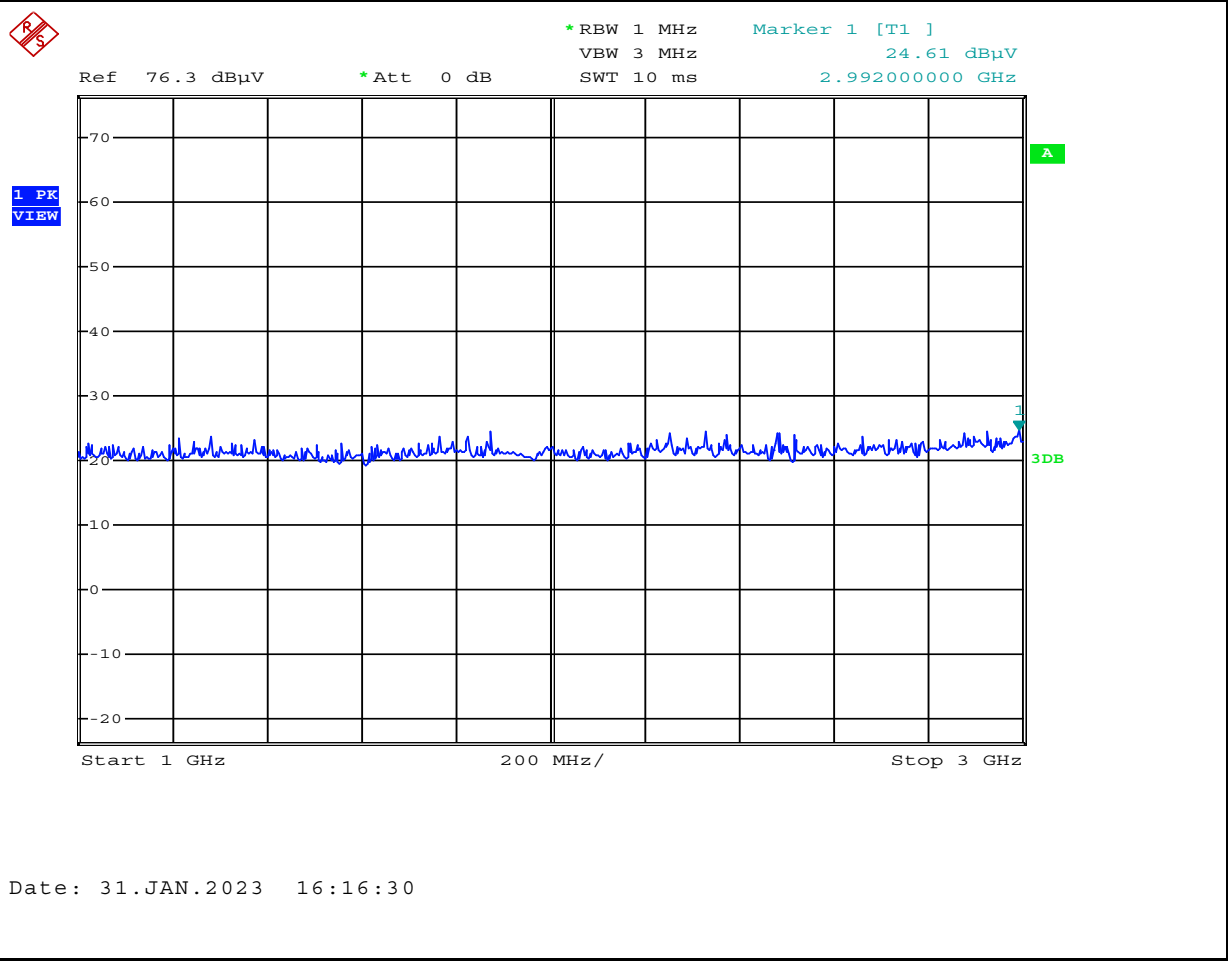
(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

(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:

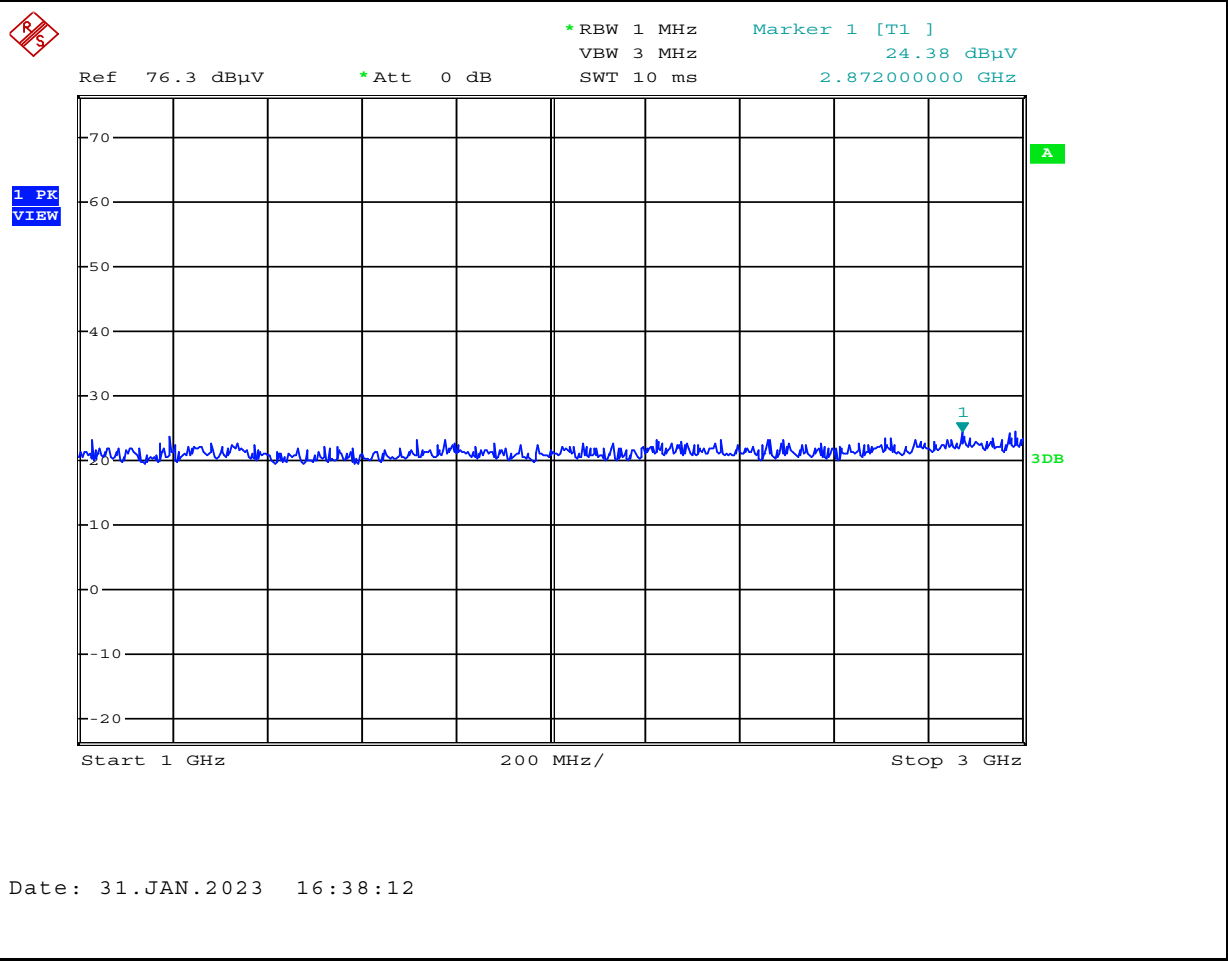


Polarization:

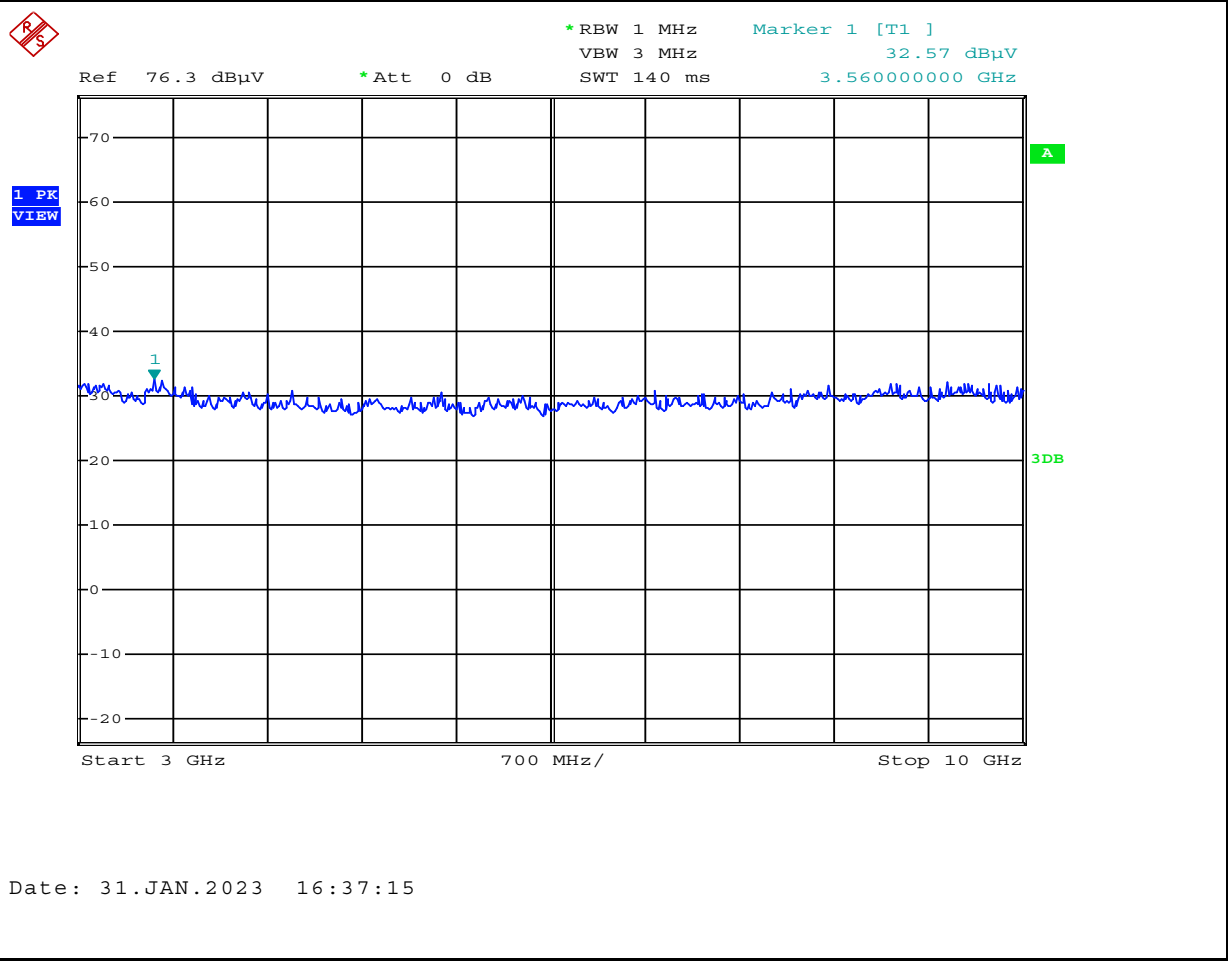
Marker 1 = Fundamental

Measured Emission: dBm

Radiated Rx Emissions:



Radiated Rx Emissions:



Date: 31.JAN.2023 16:37:15

Polarization:

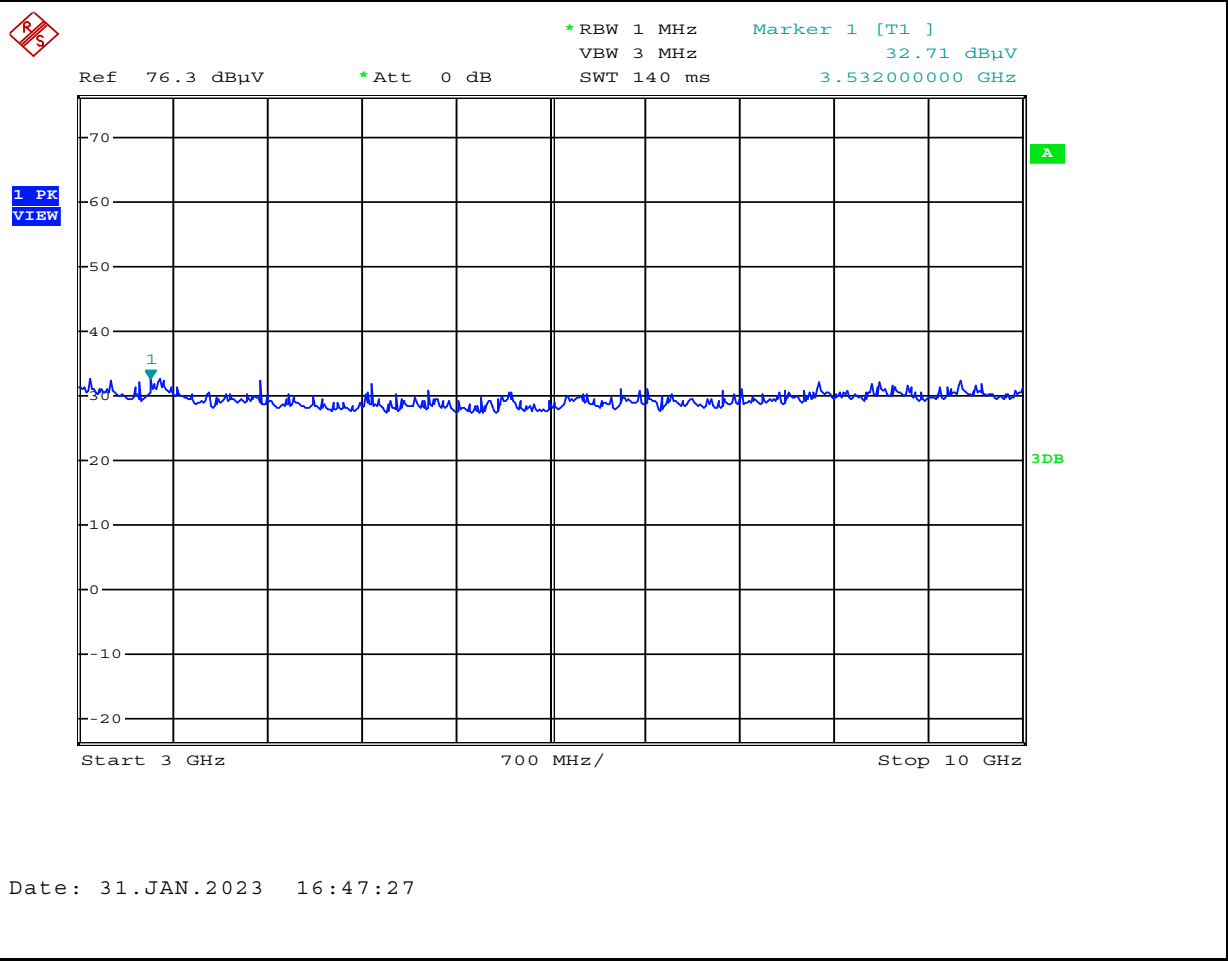
Horizontal

Measured Emission:

ND

 dBm

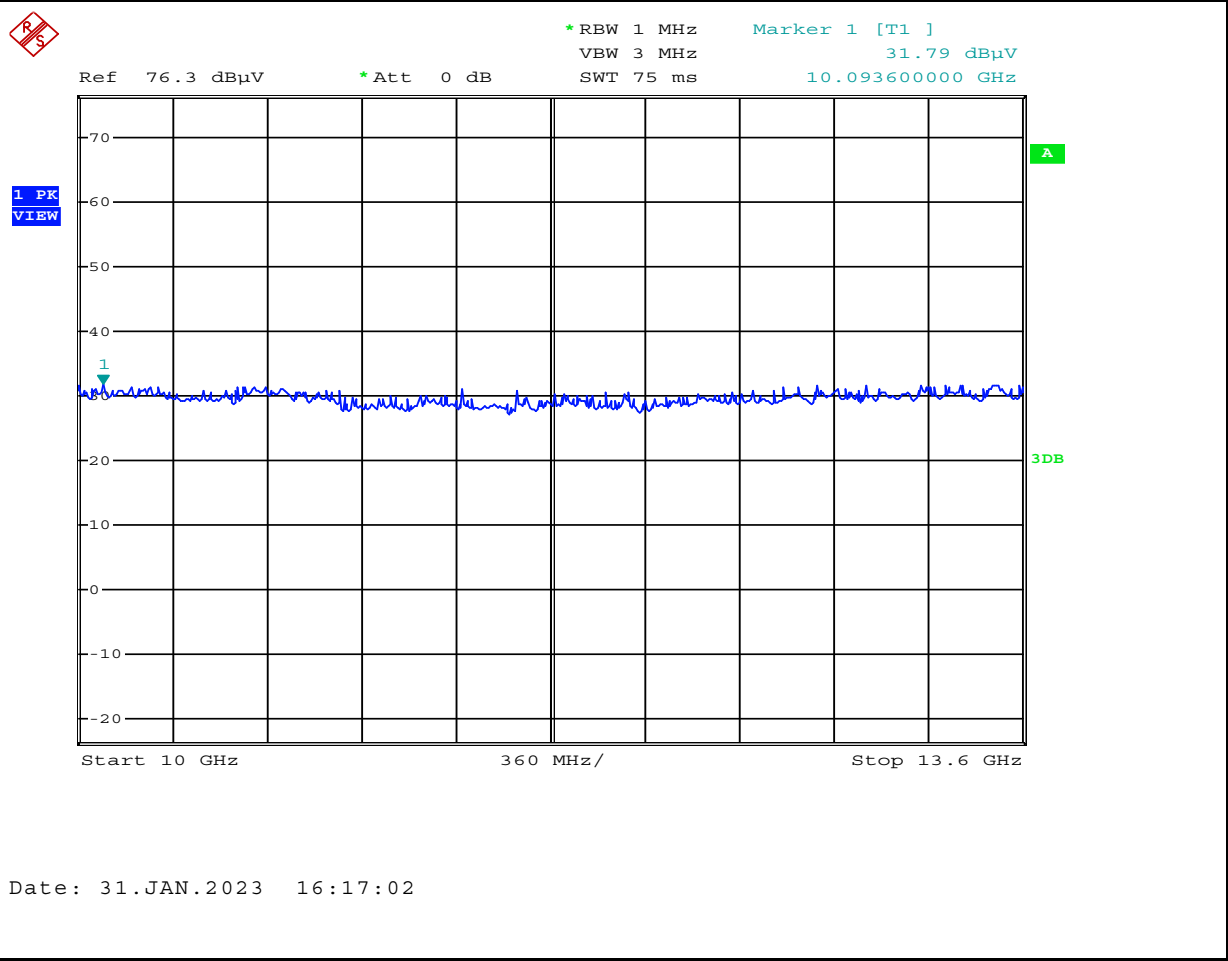
Radiated Rx Emissions:



Polarization: **Vertical**

Measured Emission: **ND** dBm

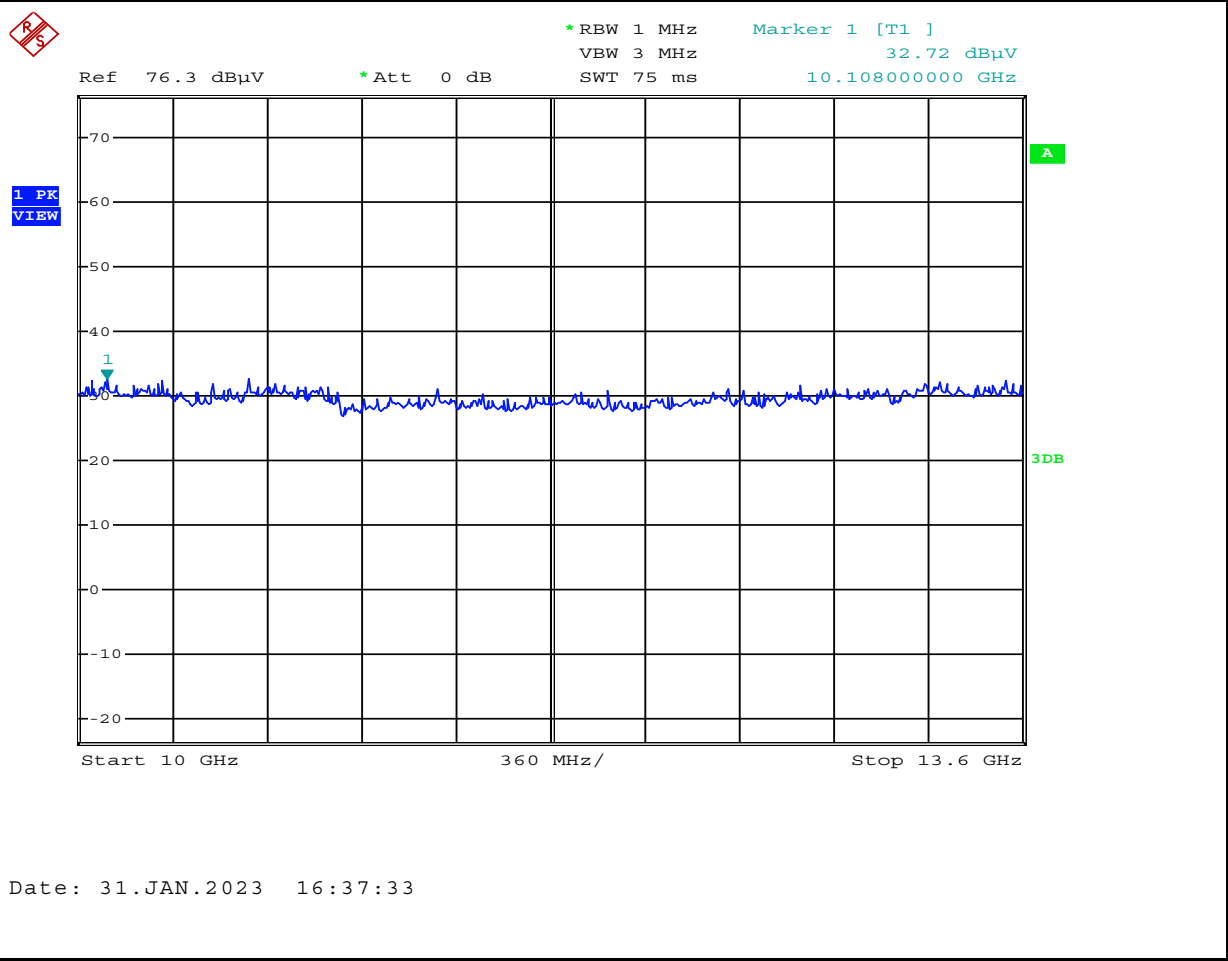
Radiated Rx Emissions:



Polarization: Horizontal

Measured Emission: ND dBm

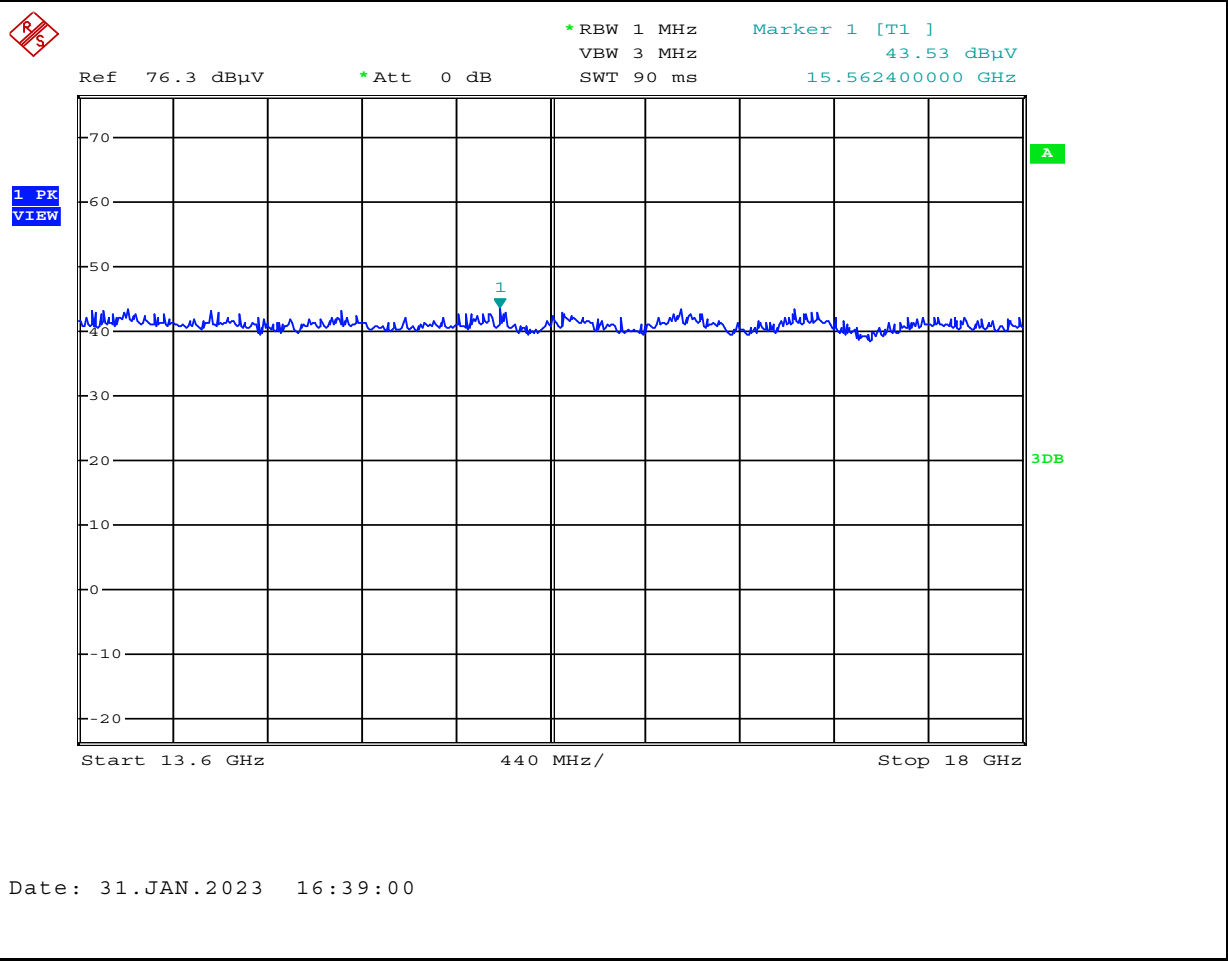
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

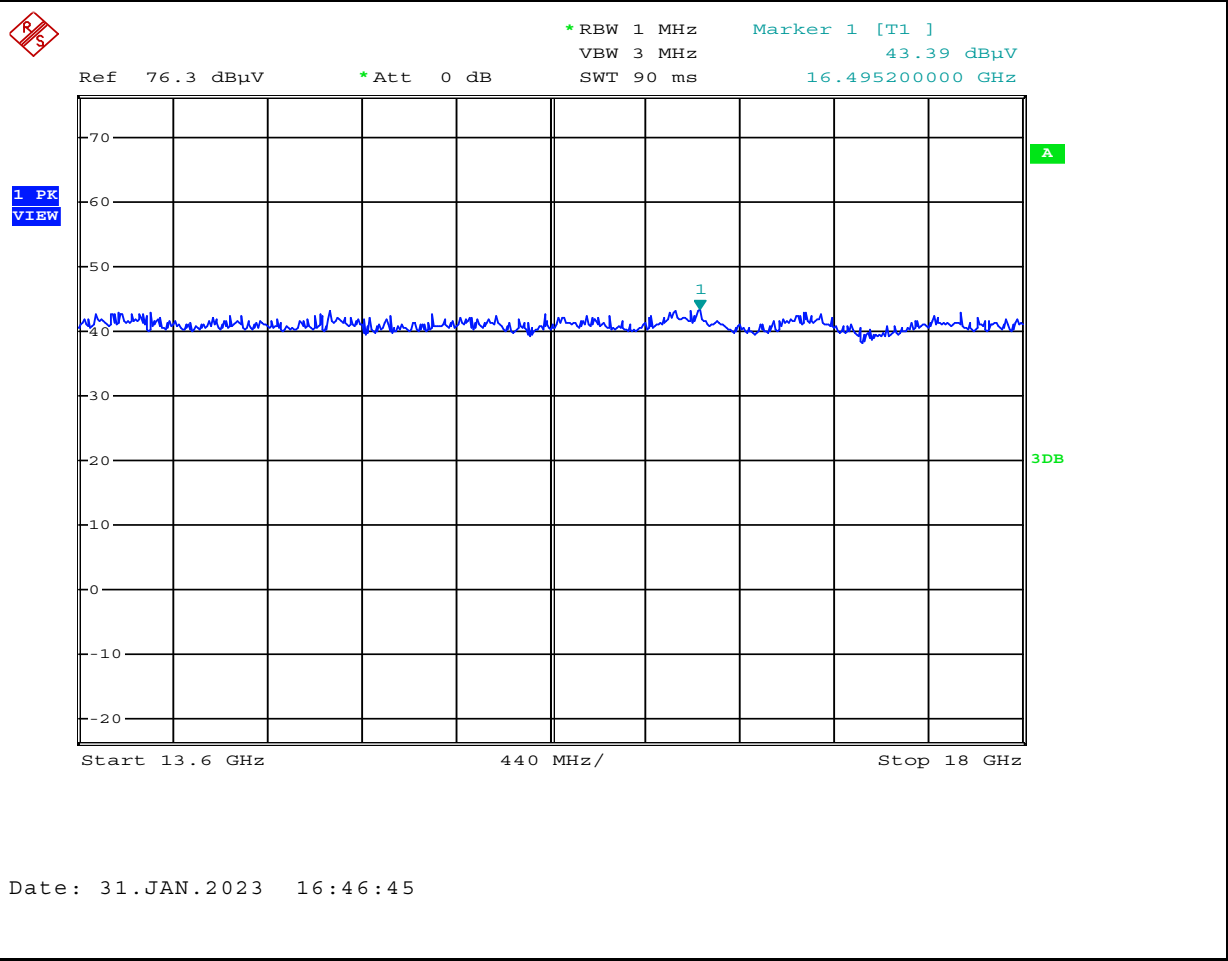
Radiated Rx Emissions:



Polarization:

Measured Emission: dBm

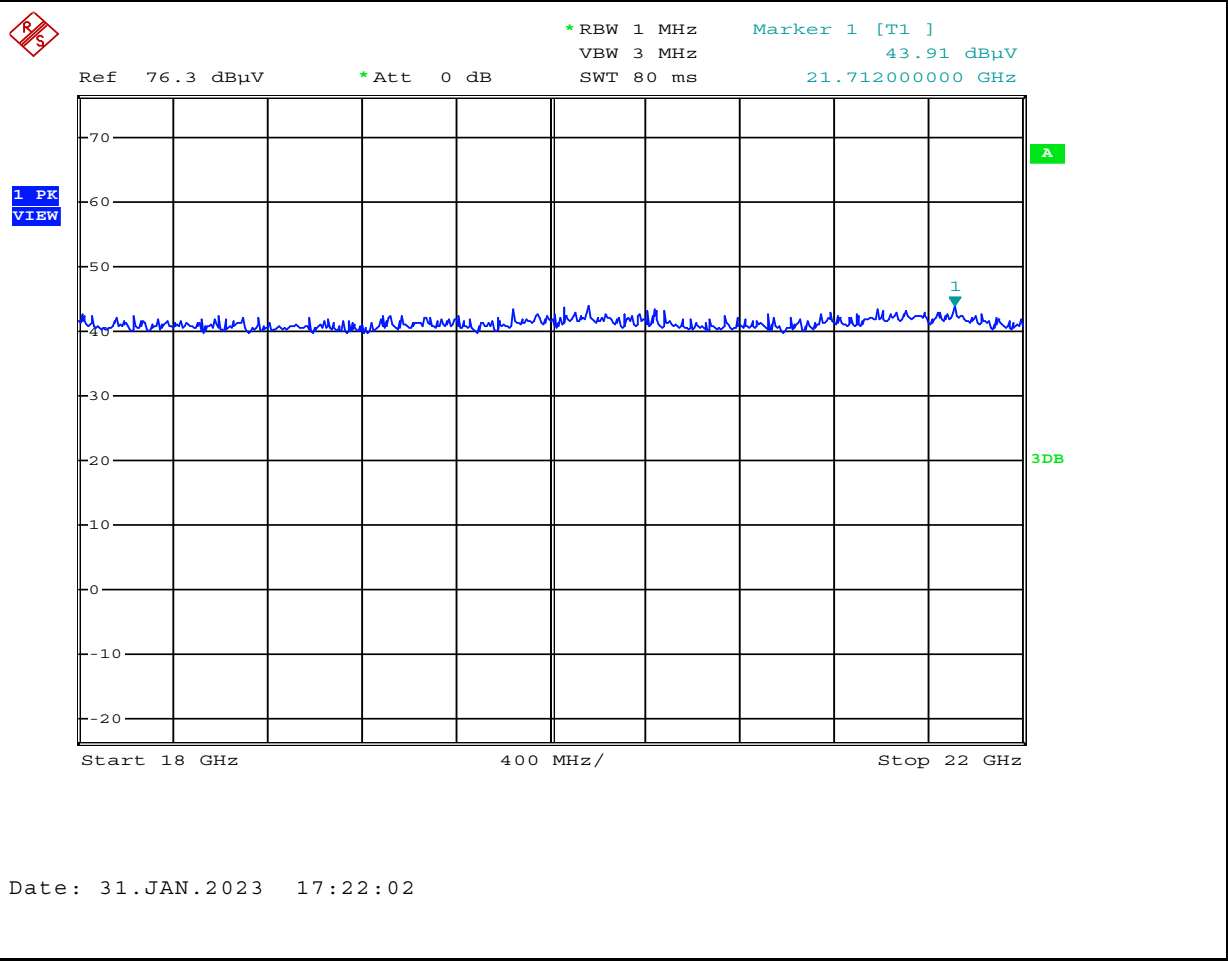
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

Radiated Rx Emissions:



Polarization:

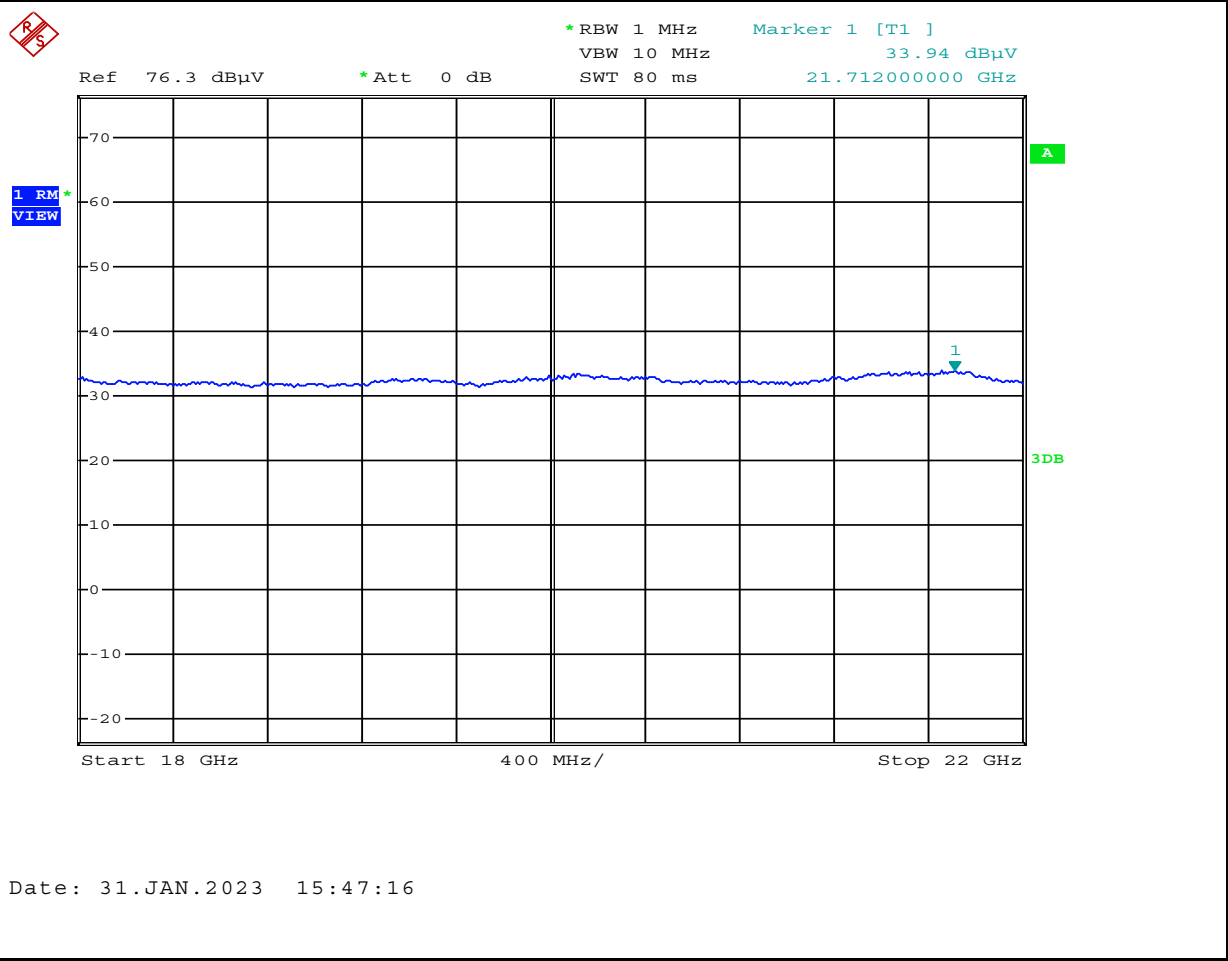
Horizontal

Measured Emission:

ND

 dBm

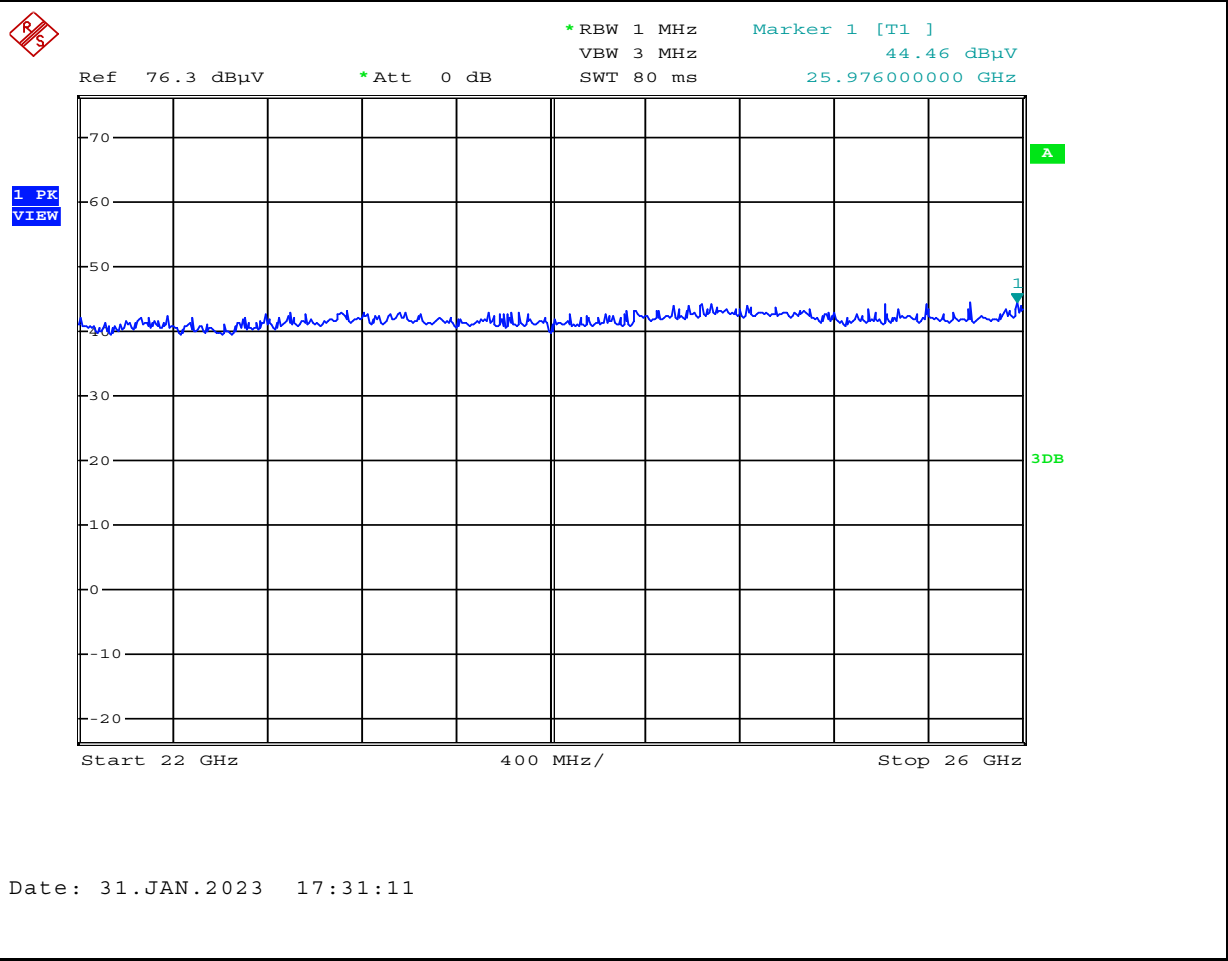
Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm

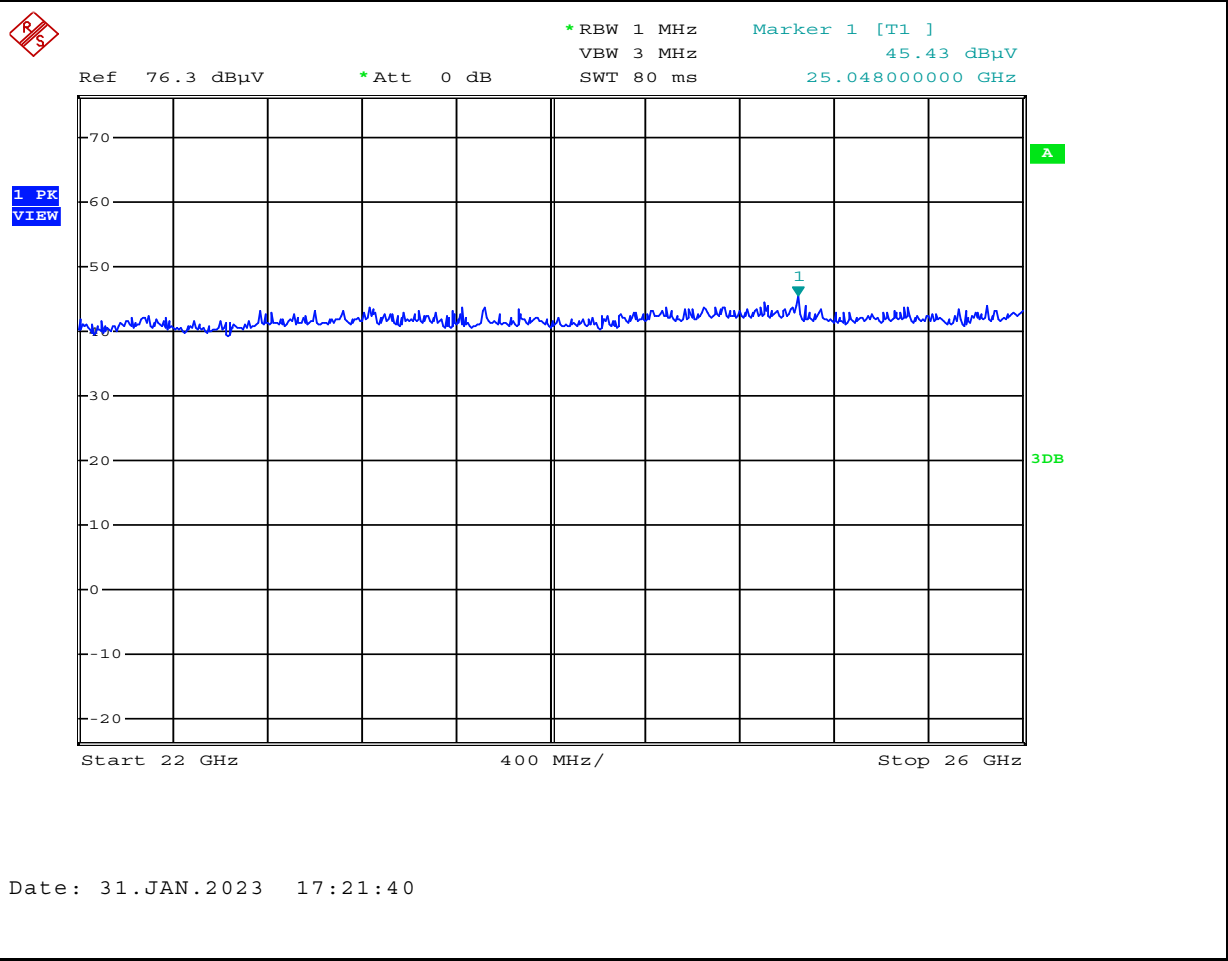
Radiated Rx Emissions:



Polarization:

Measured Emission: dBm

Radiated Rx Emissions:



Polarization: Vertical

Measured Emission: ND dBm