

Summary of Radiated Tx 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	2412.0	Horizontal	42.15	7.59	17.31	0.73	0.00 (3)	25.6 (2)	40.0	14.4
30-1000MHz	2412.0	Horizontal	51.33	7.51	12.47	0.77	0.00 (3)	20.8 (2)	40.0	19.2
30-1000MHz	2412.0	Horizontal	827.80	8.44	29.22	2.82	0.00 (3)	40.5 (2)	46.0	5.5
30-1000MHz	2412.0	Vertical	908.30	8.46	29.50	2.94	0.00 (3)	40.9 (2)	46.0	5.1
30-1000MHz	2412.0	Vertical	911.10	8.30	29.41	2.95	0.00 (3)	40.7 (2)	46.0	5.4
1 - 3GHz	2412.0	Horizontal	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
1 - 3GHz	2412.0	Vertical	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	n/a
3-13GHz	2412.0	Horizontal	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	n/a
3-13GHz	2412.0	Vertical	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	n/a
13-18GHz	2412.0	Horizontal	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	n/a
13-18GHz	2412.0	Vertical	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	n/a
18-26GHz	2412.0	Horizontal	ND	ND (1)	43.50	21.86	26.00	ND	54.0	n/a
18-26GHz	2412.0	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

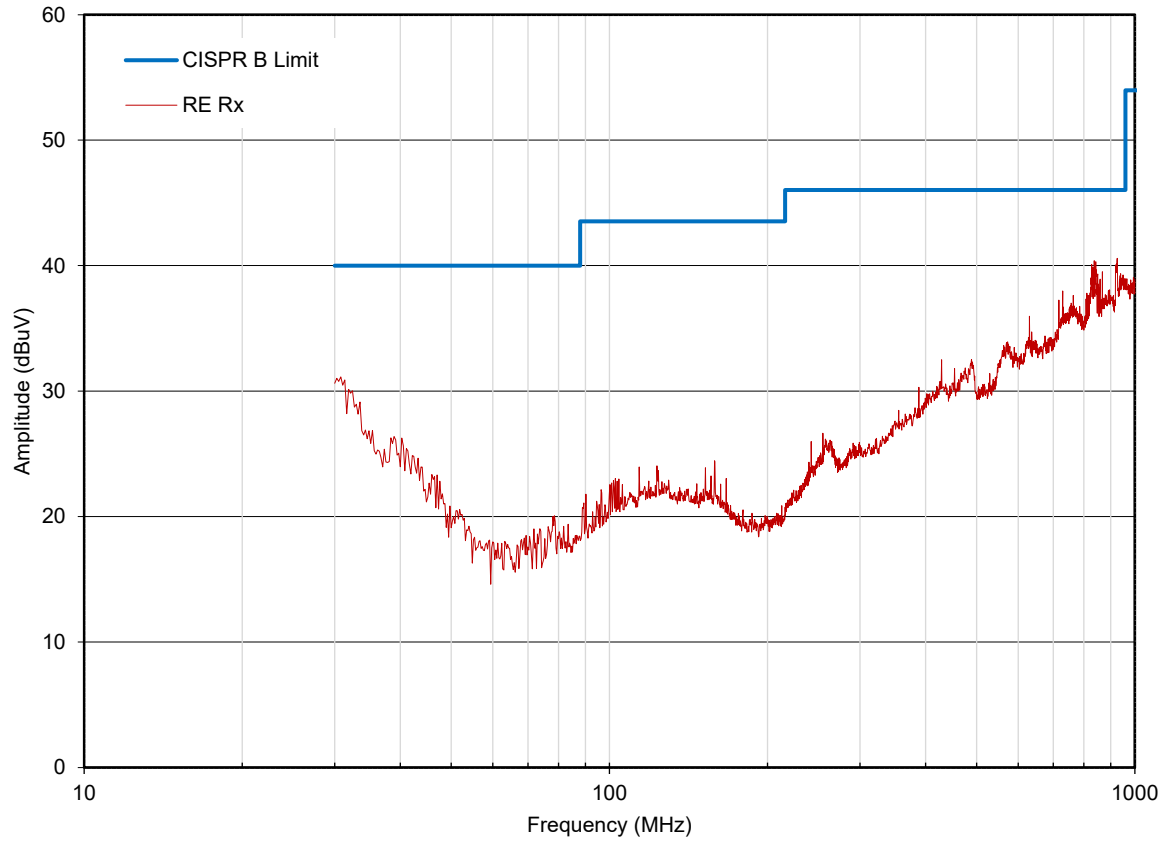
(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

(3) External Amplifier not used

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

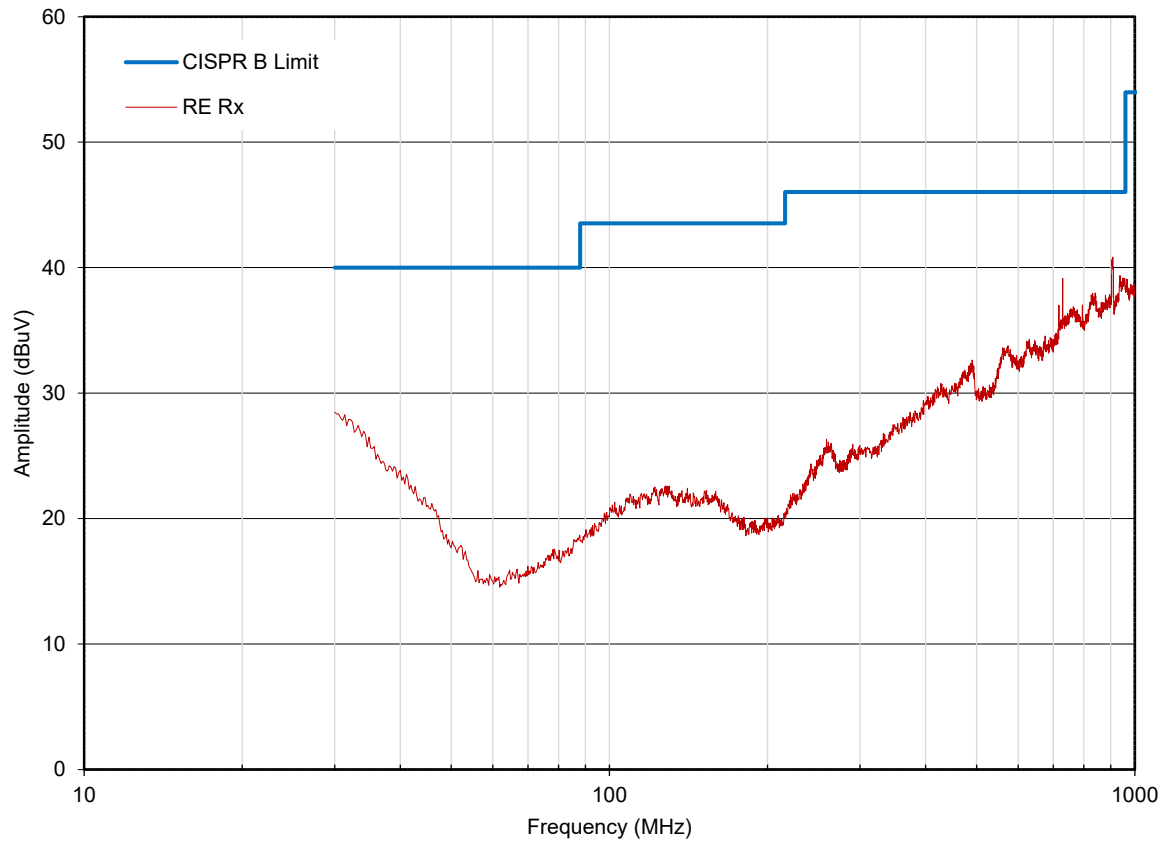
Radiated Tx Emissions:

Radiated Tx Emissions (30MHz - 1GHz)
OATS Horizontal



Radiated Tx Emissions:

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



Radiated Tx Emissions:

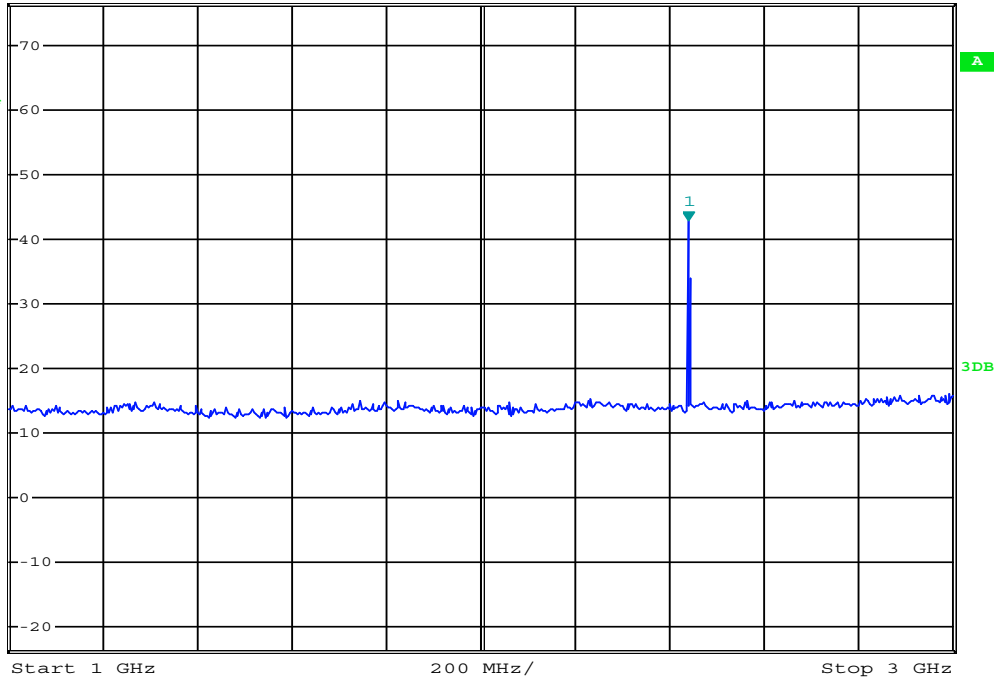


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 42.74 dBμV
SWT 10 ms 2.440000000 GHz

Ref 76.3 dBμV

*Att 0 dB

1 RM
VIEW



Date: 31.JAN.2023 15:16:57

Channel:

Mode:

Polarization:

Marker 1 = Fundamental

Channel Frequency: MHz

Modulation:

Measured Emission: dBm

Radiated Tx Emissions:

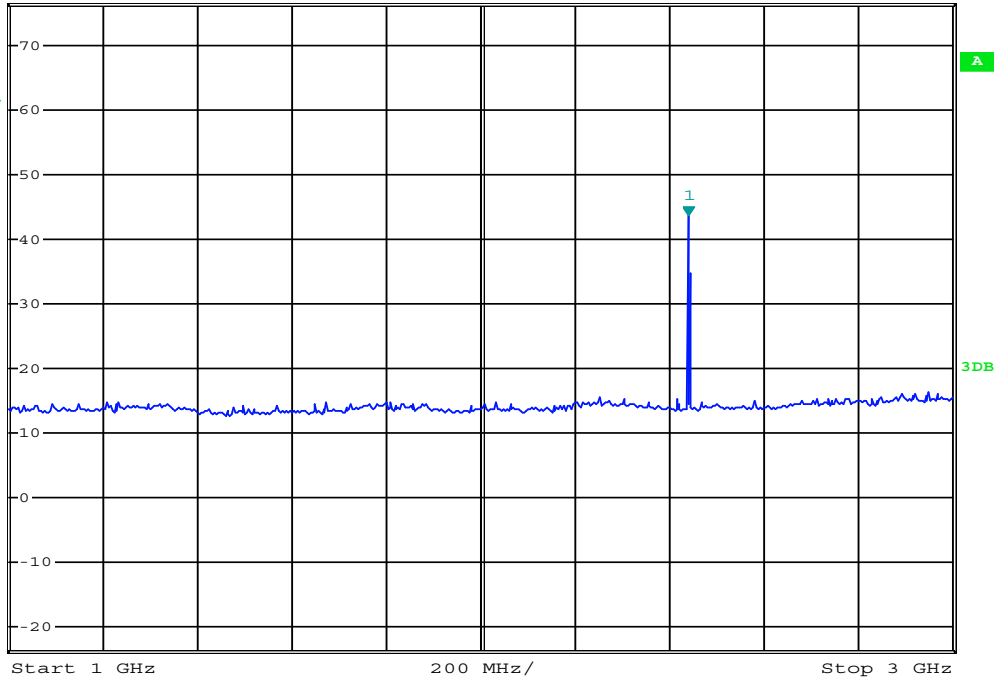


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 43.66 dBμV
SWT 10 ms 2.440000000 GHz

Ref 76.3 dBμV

*Att 0 dB

1 RM
VIEW



Date: 31.JAN.2023 15:15:04

Channel:

Mode:

Polarization:

Marker 1 = Fundamental

Channel Frequency: MHz

Modulation:

Measured Emission: dBm

Radiated Tx Emissions:

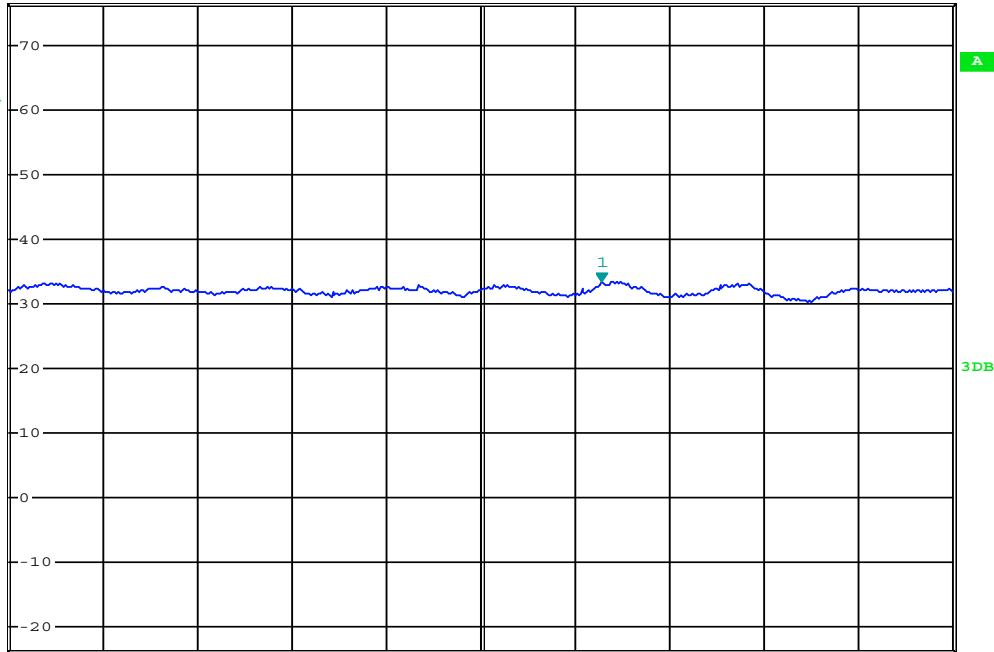


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.53 dBμV
SWT 90 ms 16.363200000 GHz

Ref 76.3 dBμV

*Att 0 dB

1 RM
VIEW



Start 13.6 GHz

440 MHz/

Stop 18 GHz

Date: 31.JAN.2023 15:18:13

Channel:

Mode:

Polarization:

Channel Frequency: MHz

Modulation:

Measured Emission: dBm

Radiated Tx Emissions:

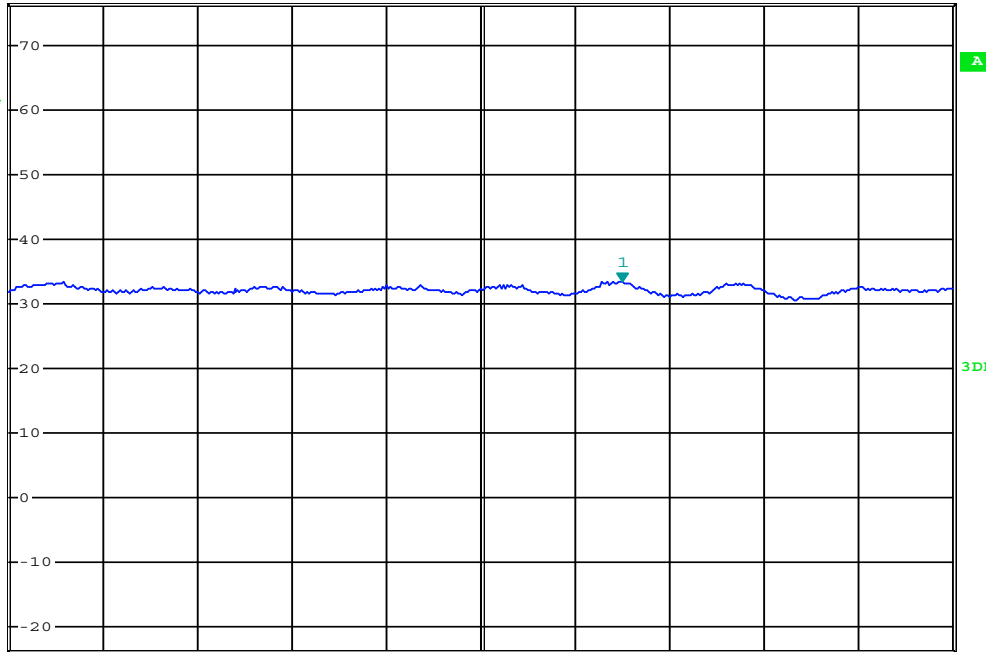


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.37 dBμV
SWT 90 ms 16.460000000 GHz

Ref 76.3 dBμV

*Att 0 dB

1 RM
VIEW



Start 13.6 GHz

440 MHz/

Stop 18 GHz

Date: 31.JAN.2023 15:16:04

Channel:

Mode:

Polarization:

Channel Frequency: MHz

Modulation:

Measured Emission: dBm

Radiated Tx Emissions:

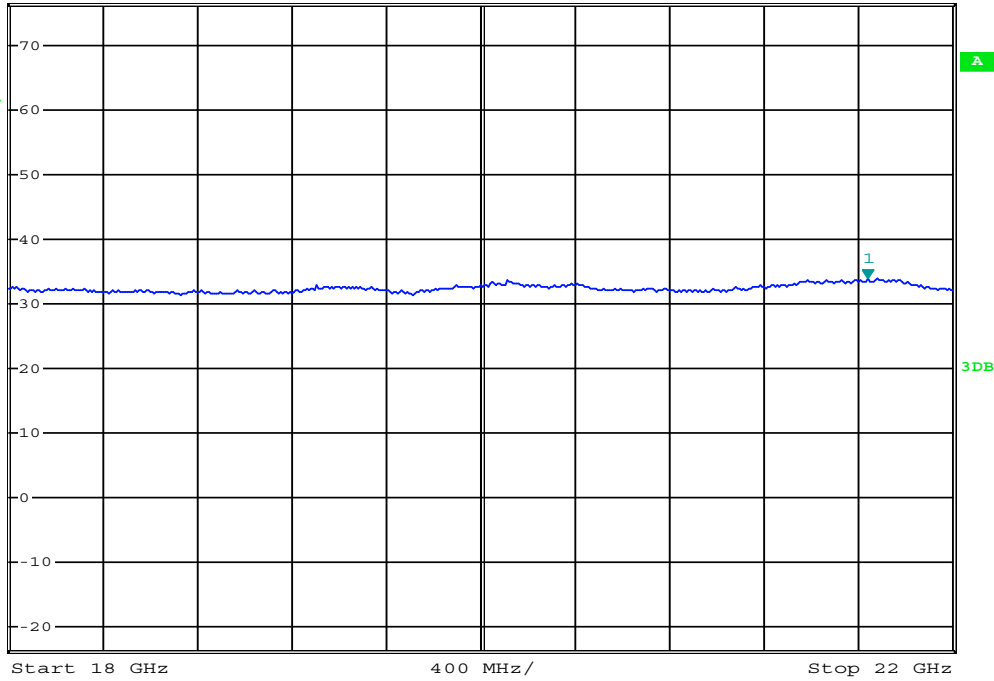


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.88 dBμV
SWT 80 ms 21.640000000 GHz

Ref 76.3 dBμV

*Att 0 dB

1 RM
VIEW



Date: 31.JAN.2023 15:46:36

Channel:

Mode:

Polarization:

Channel Frequency: MHz

Modulation:

Measured Emission: dBm

Radiated Tx Emissions:

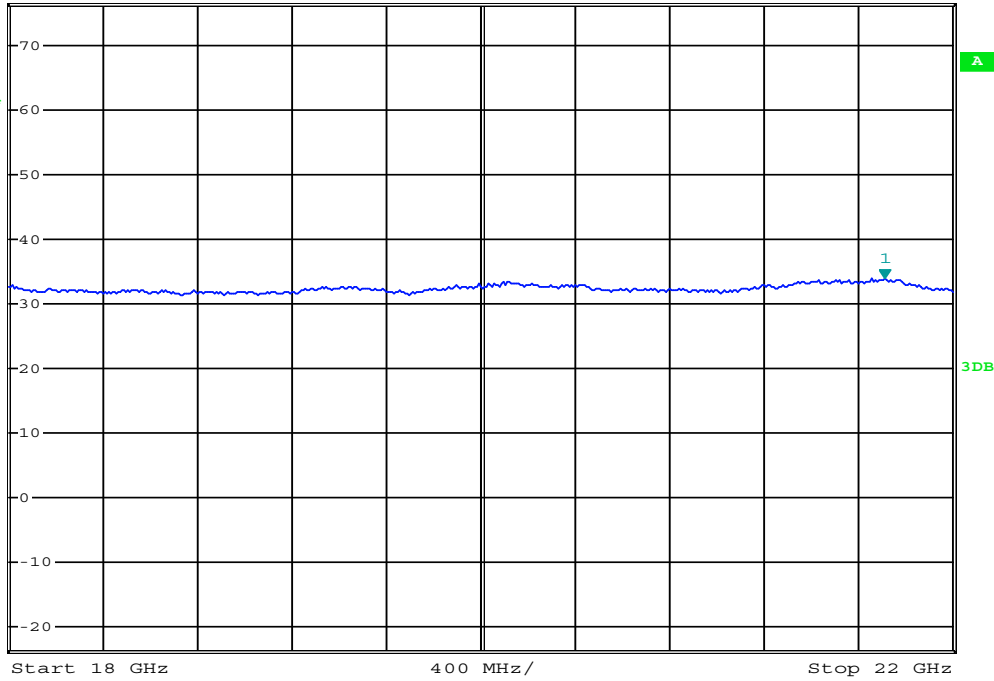


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.94 dBμV
SWT 80 ms 21.712000000 GHz

Ref 76.3 dBμV

*Att 0 dB

1 RM
VIEW



Date: 31.JAN.2023 15:47:16

Channel:

Mode:

Polarization:

Channel Frequency: MHz

Modulation:

Measured Emission: dBm

Radiated Tx Emissions:

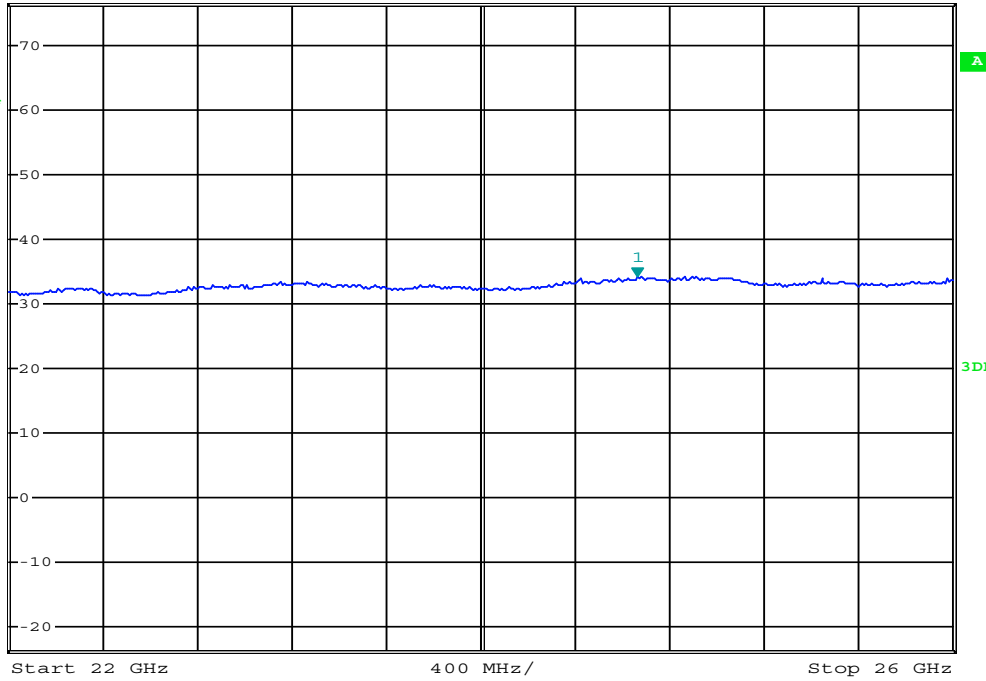


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 34.19 dBμV
SWT 80 ms 24.664000000 GHz

Ref 76.3 dBμV

*Att 0 dB

1 RM
VIEW



Date: 31.JAN.2023 15:47:34

Channel:

Mode:

Polarization:

Channel Frequency: MHz

Modulation:

Measured Emission: dBm