

Summary of Radiated Tx Emissions

Measured Frequency Range (MHz)	Channel Frequency (MHz)	Antenna Polarization	Emission Frequency (MHz)	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)
30-1000 MHz	2437.0	Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
30-1000 MHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
1-18 GHz		Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
1-18GHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
18-25 GHz		Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
18 -25 GHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
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

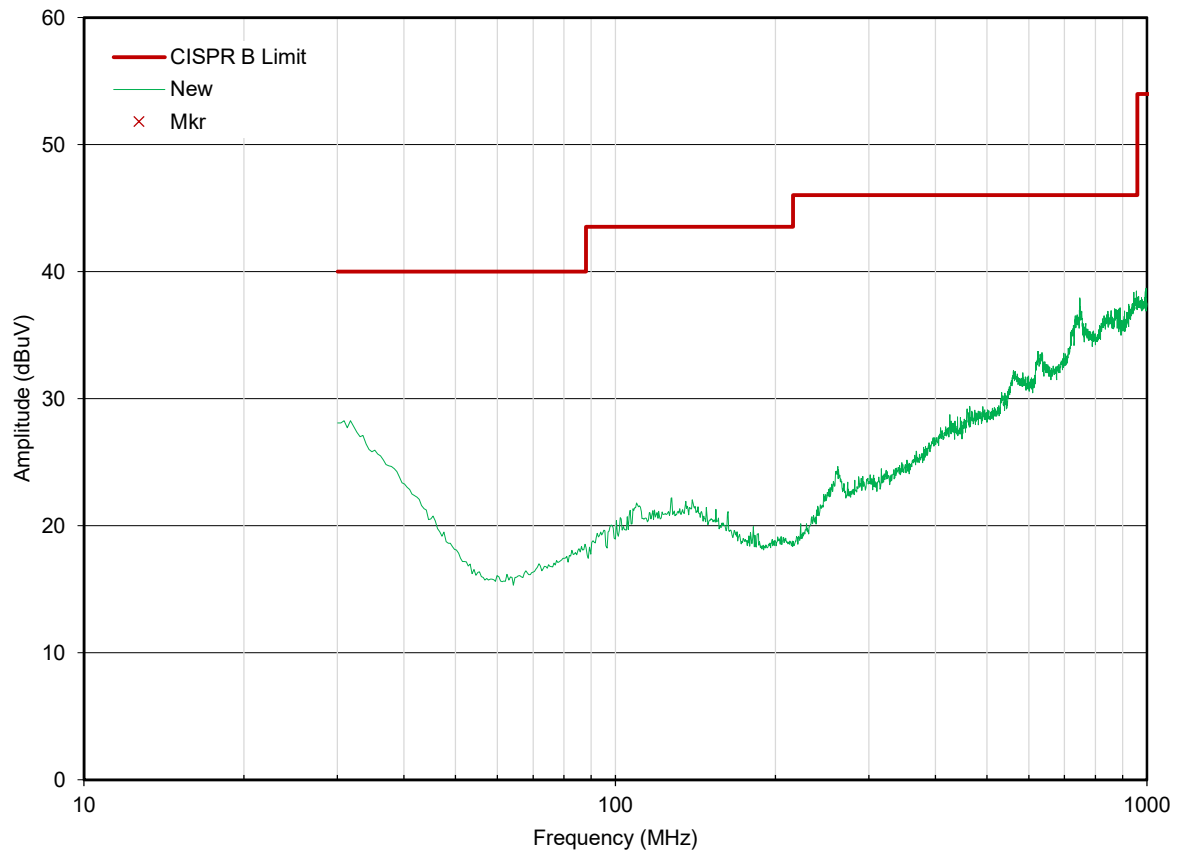
$$E_{\text{Corr}} = E_{\text{Meas}} + ACF^E + L_C - G_A$$

Where ACF^E is the Electric Antenna Correction Factor

* Without Manufacturer's Accessories, ** With Manufacturer's Accessories

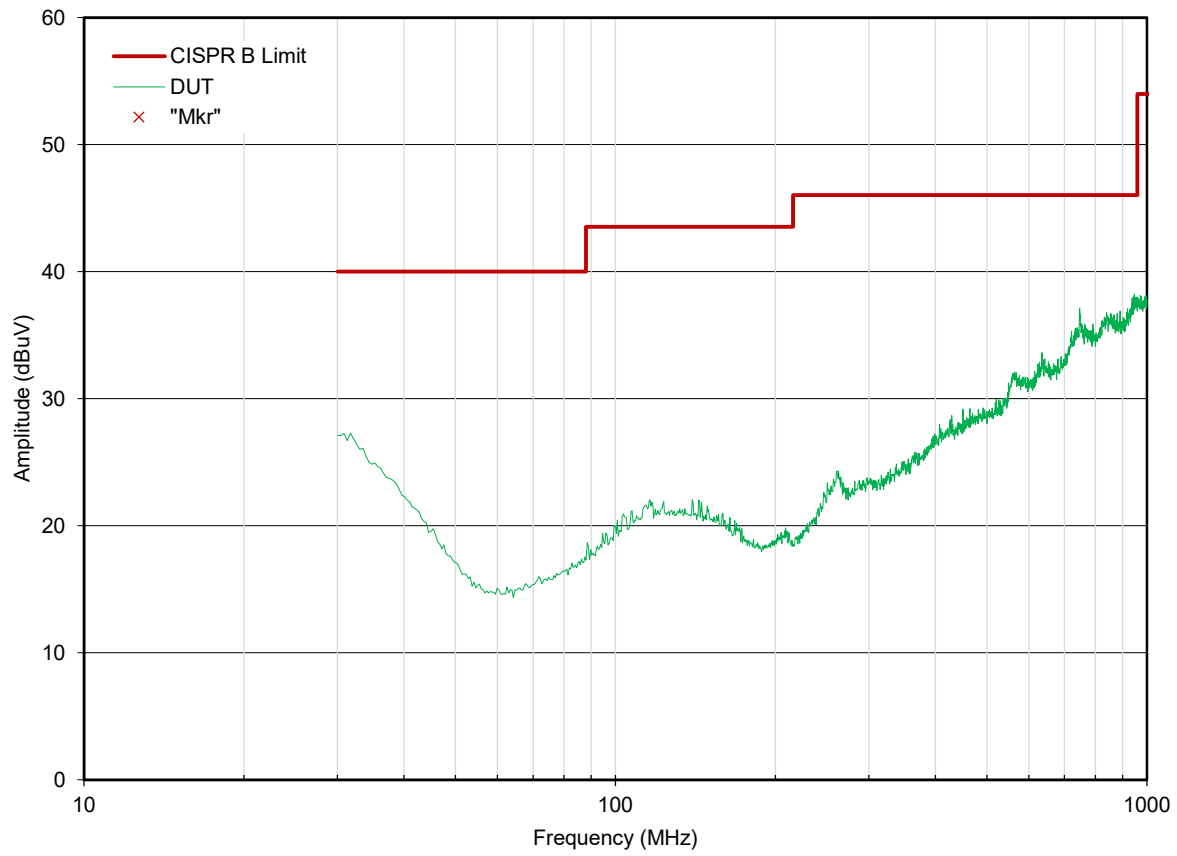
Radiated Tx Emissions:

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 56.24 dBuV
SWT 10 ms 2.437000000 GHz

Ref 77 dBuV

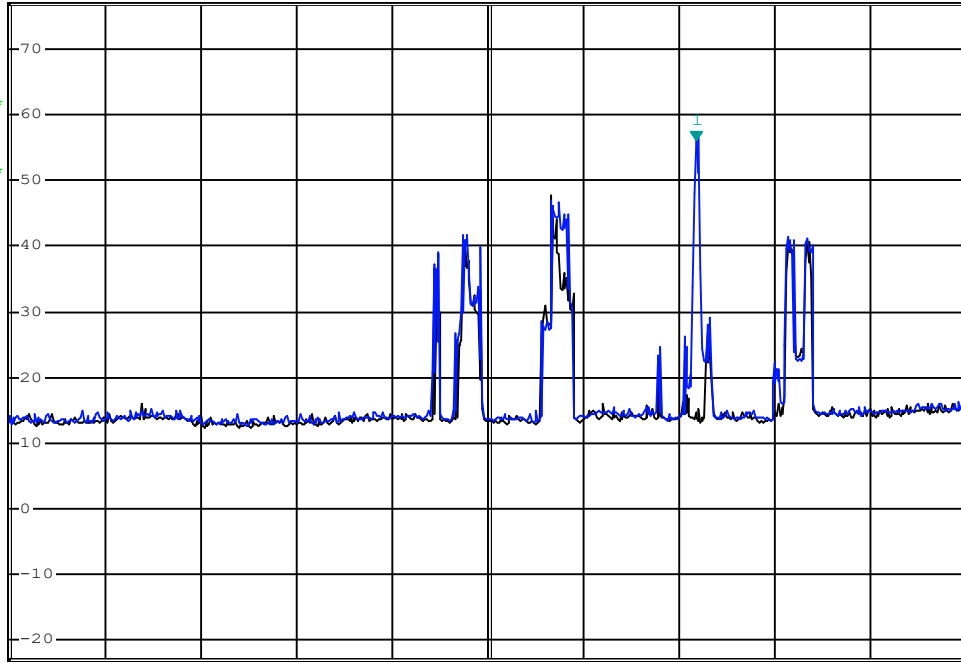
*Att 0 dB

1 RM*

VIEW

2 RM*

VIEW



Date: 3.APR.2024 16:25:16

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Channel Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 59.09 dBuV
SWT 10 ms 2.437000000 GHz

Ref 77 dBuV

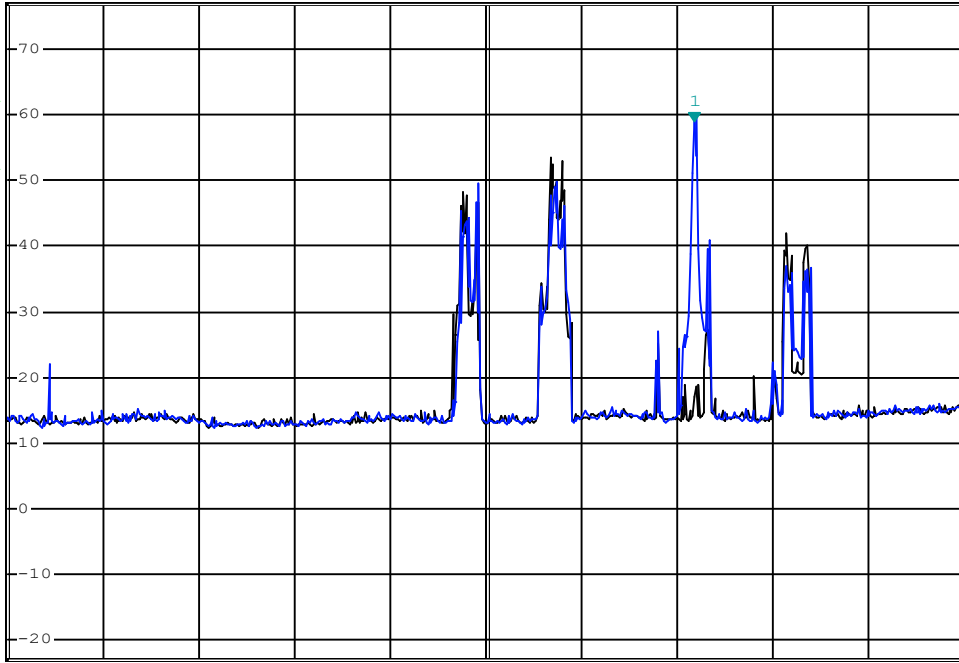
*Att 0 dB

1 RM*

VIEW

2 RM*

VIEW



Date: 3.APR.2024 16:19:54

Channel: 6

Channel Frequency: 2437 MHz

Mode: 802.11b

Modulation: DSSS 5.5

Polarization: Horizontal

Measured Channel Power: 59.09 dBuV

Emission Frequency: Fundamental MHz

Radiated Tx Emissions:

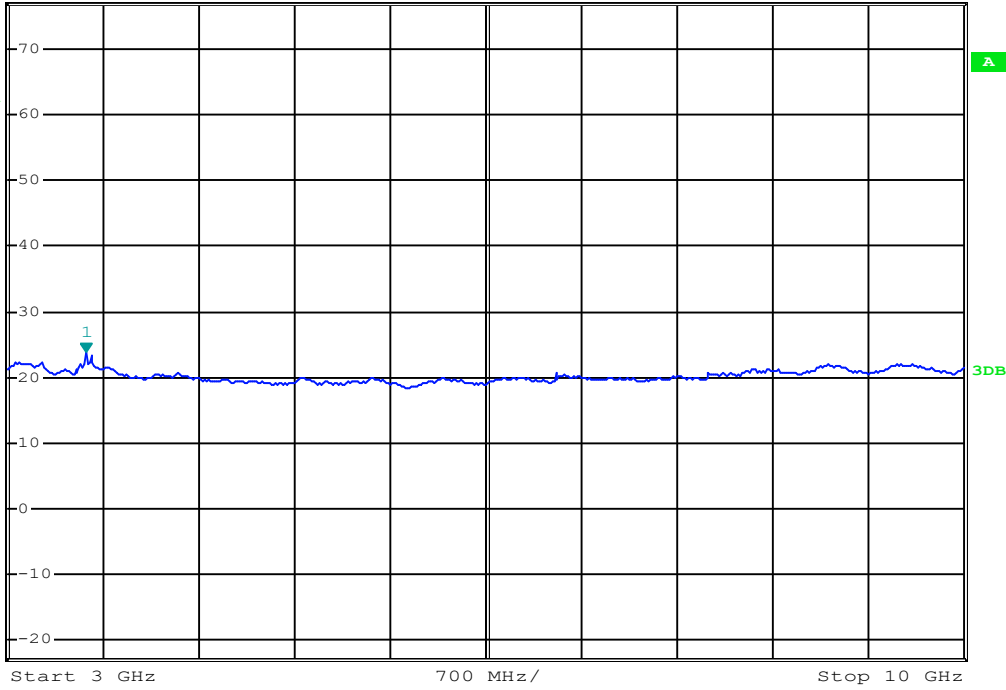


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 23.76 dBuV
SWT 140 ms 3.574000000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
VIEW



Date: 3.APR.2024 16:08:26

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

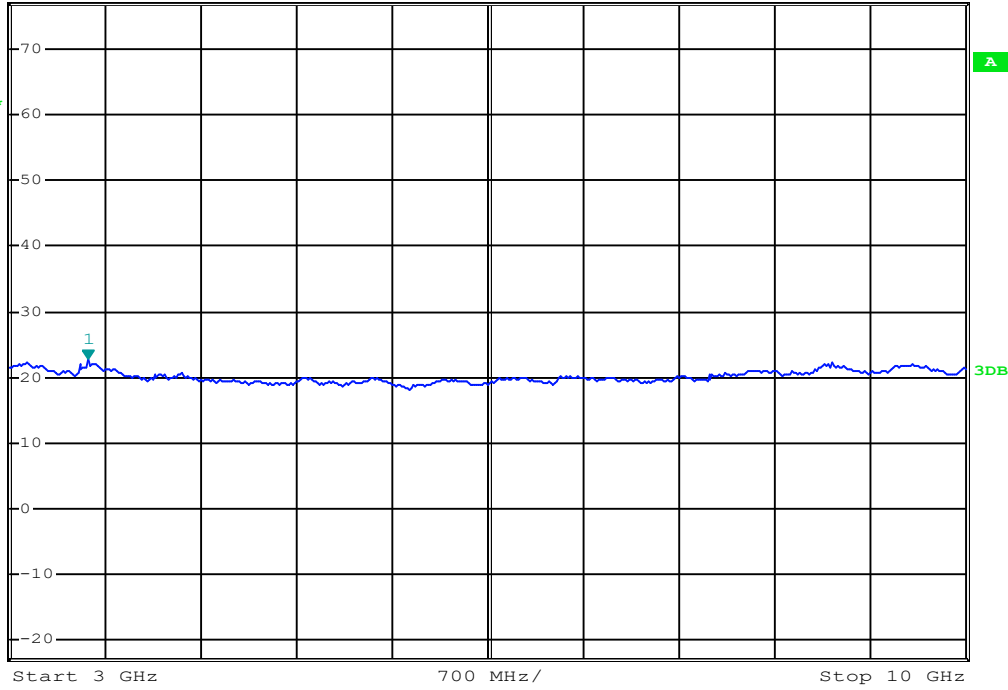


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 22.83 dBuV
 SWT 140 ms 3.574000000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
 VIEW



Date: 3.APR.2024 15:36:58

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

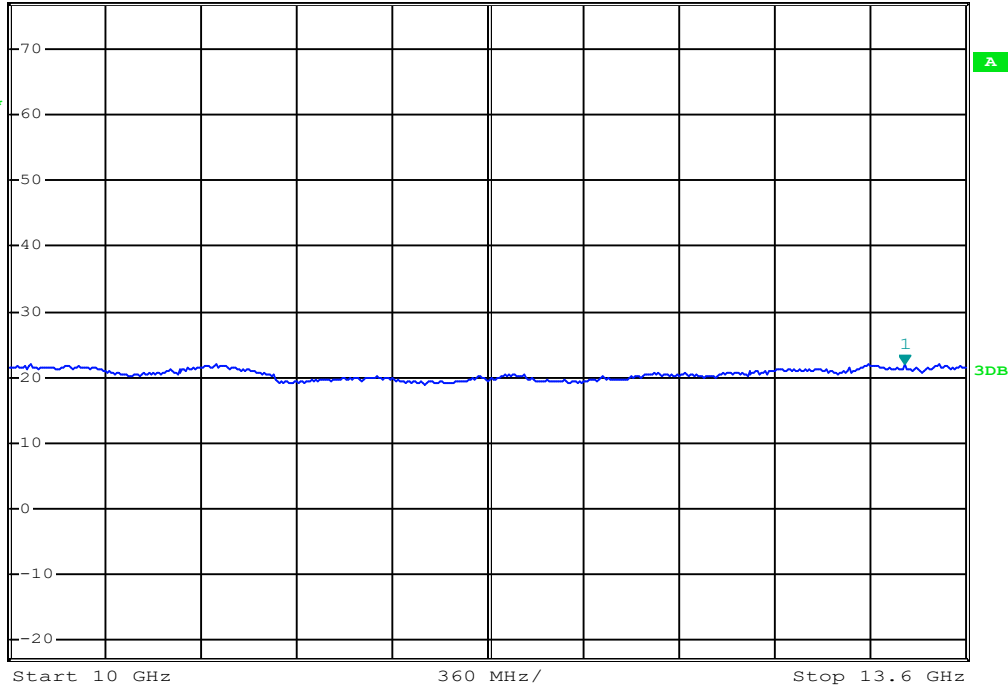


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 22.05 dBuV
SWT 75 ms 13.369600000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
VIEW



Date: 3.APR.2024 15:35:37

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

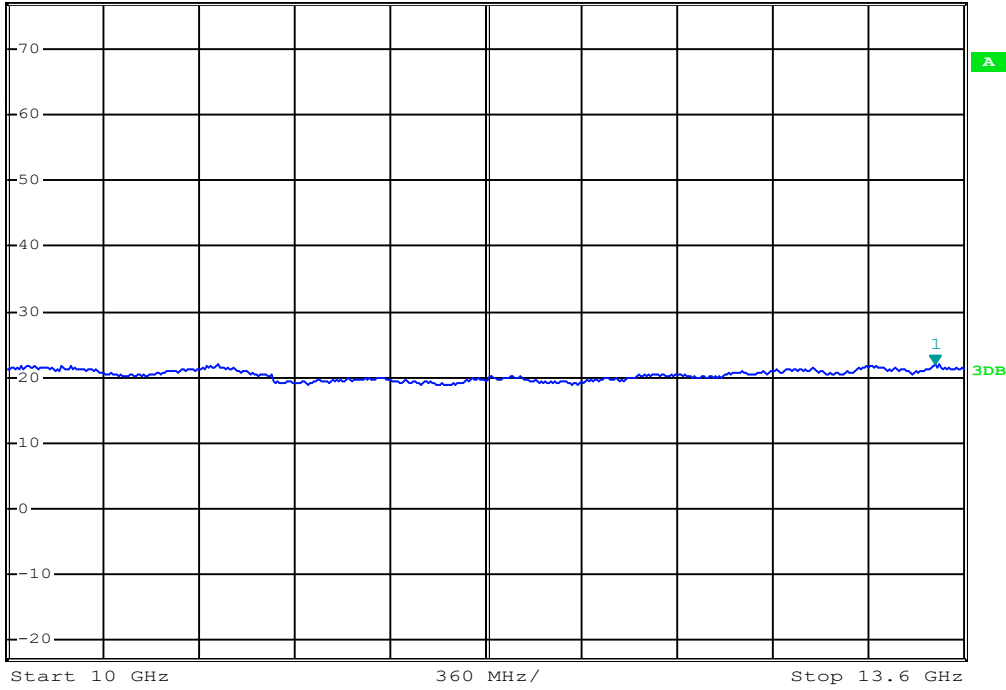


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 21.96 dBuV
SWT 75 ms 13.492000000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
VIEW



Date: 3.APR.2024 16:27:36

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

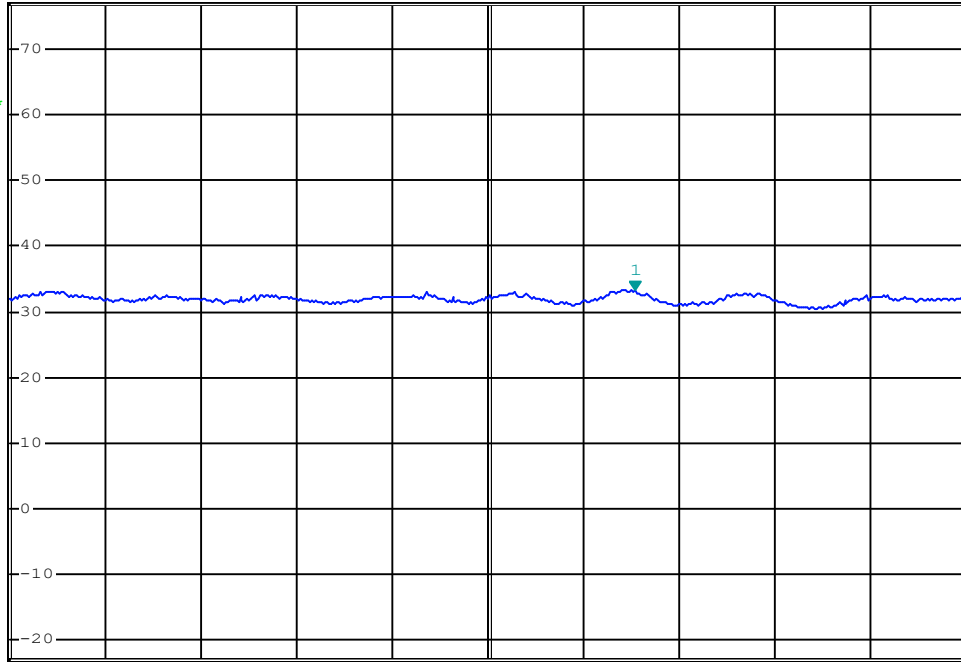


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.36 dBuV
SWT 90 ms 16.477600000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 3.APR.2024 16:26:26

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

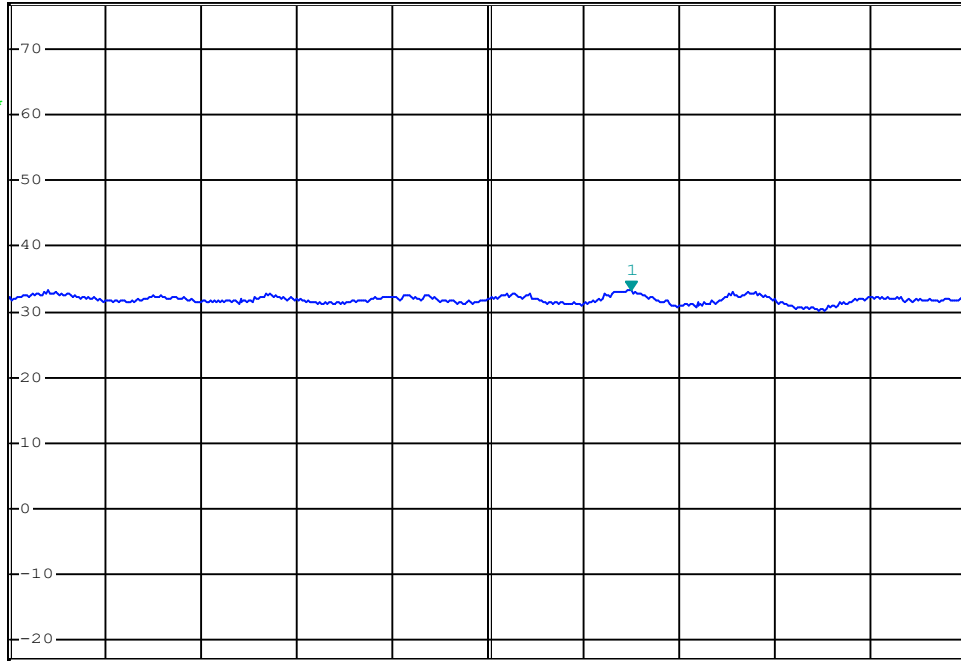


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.42 dBuV
SWT 90 ms 16.460000000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
VIEW



Date: 3.APR.2024 16:27:53

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Summary of Radiated Tx Emissions

Measured Frequency Range (MHz)	Channel Frequency (MHz)	Antenna Polarization	Emission Frequency (MHz)	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)
30-1000 MHz	2440.0	Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
30-1000 MHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
1-18 GHz		Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
1-18GHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
18-25 GHz		Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
18 -25 GHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
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

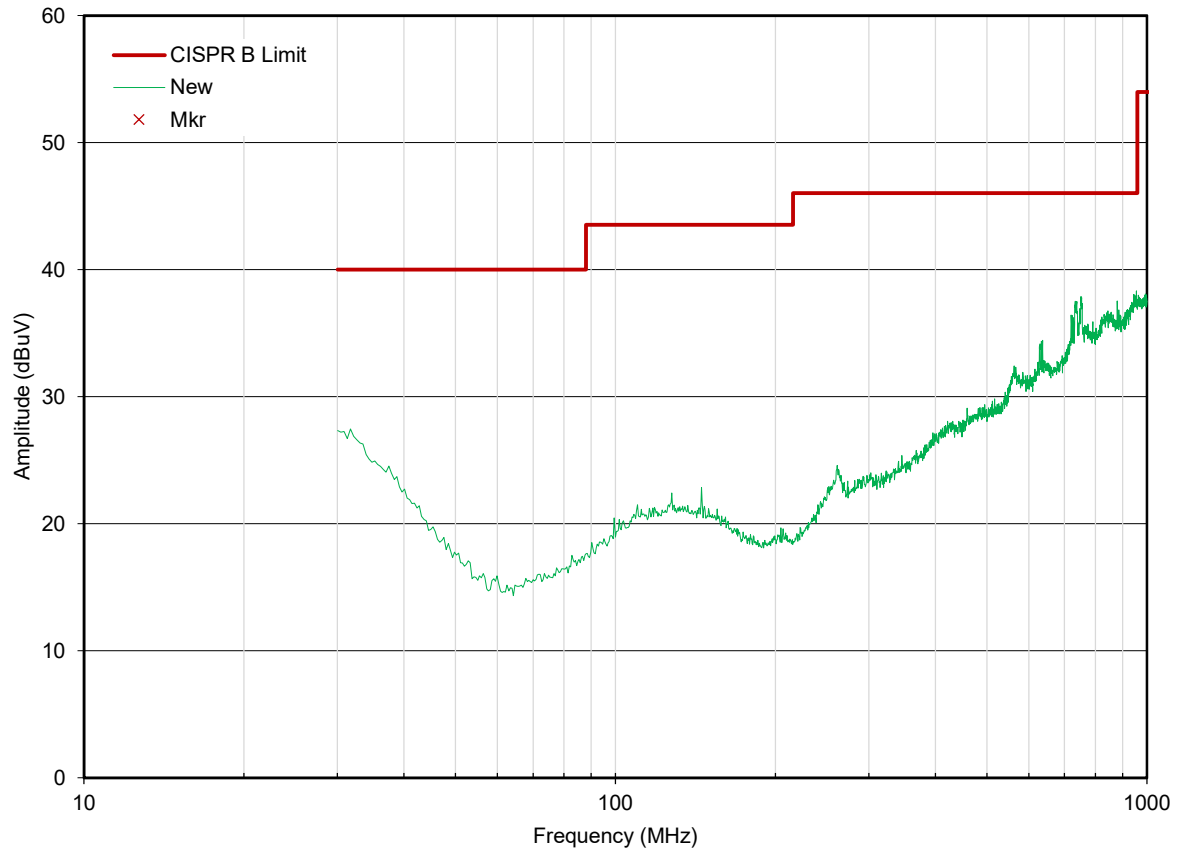
$$E_{\text{Corr}} = E_{\text{Meas}} + ACF^E + L_C - G_A$$

Where ACF^E is the Electric Antenna Correction Factor

* Without Manufacturer's Accessories, ** With Manufacturer's Accessories

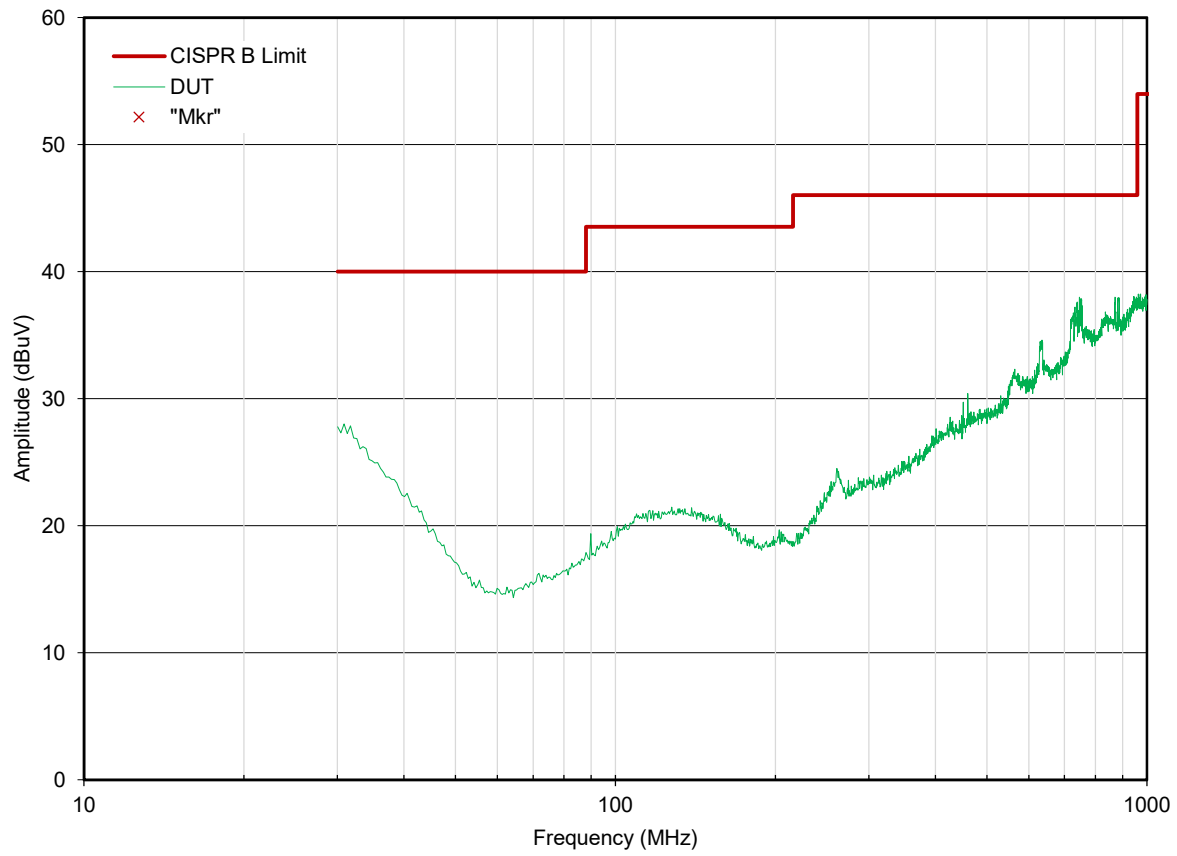
Radiated Tx Emissions:

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 40.71 dBuV
SWT 10 ms 2.404020000 GHz

Ref 77 dBuV

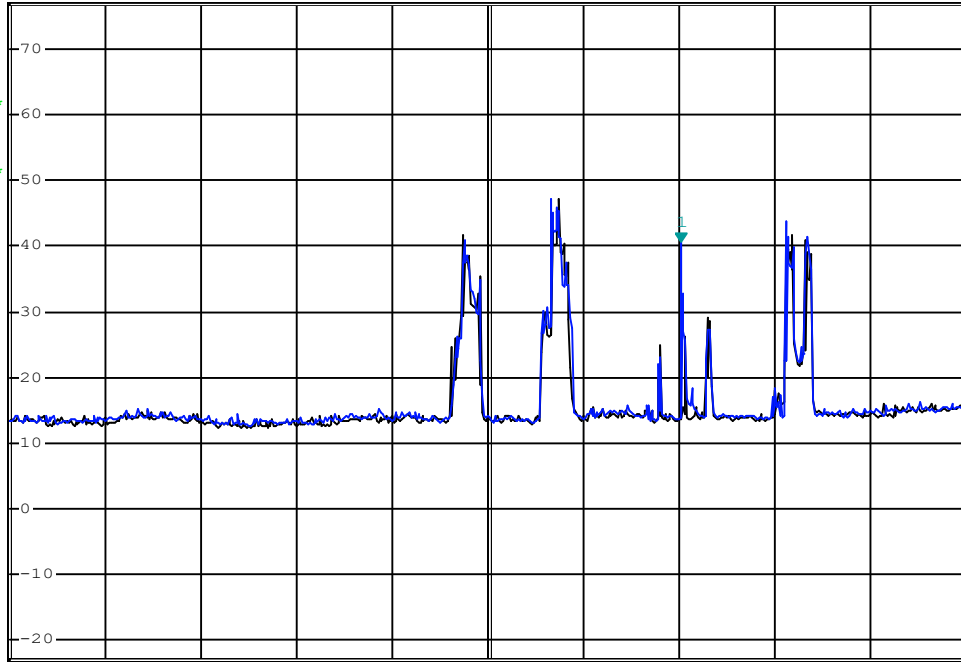
*Att 0 dB

1 RM*

VIEW

2 RM*

VIEW



Date: 3.APR.2024 16:06:20

Channel: 2

Channel Frequency: 2404 MHz

Mode: BT BR

Modulation: GFSK

Polarization: Horizontal

Measured Channel Power: 40.71 dBuV

Emission Frequency: Fundamental MHz

Radiated Tx Emissions:



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 48.20 dBuV
SWT 10 ms 2.404020000 GHz

Ref 77 dBuV

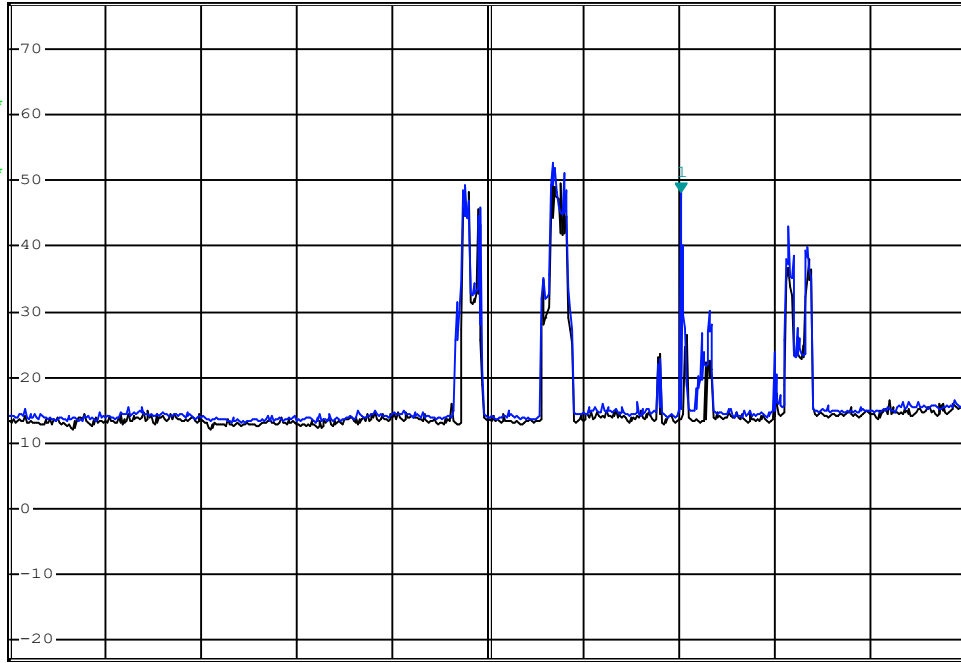
*Att 0 dB

1 RM*

VIEW

2 RM*

VIEW



Date: 3.APR.2024 16:03:26

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Channel Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

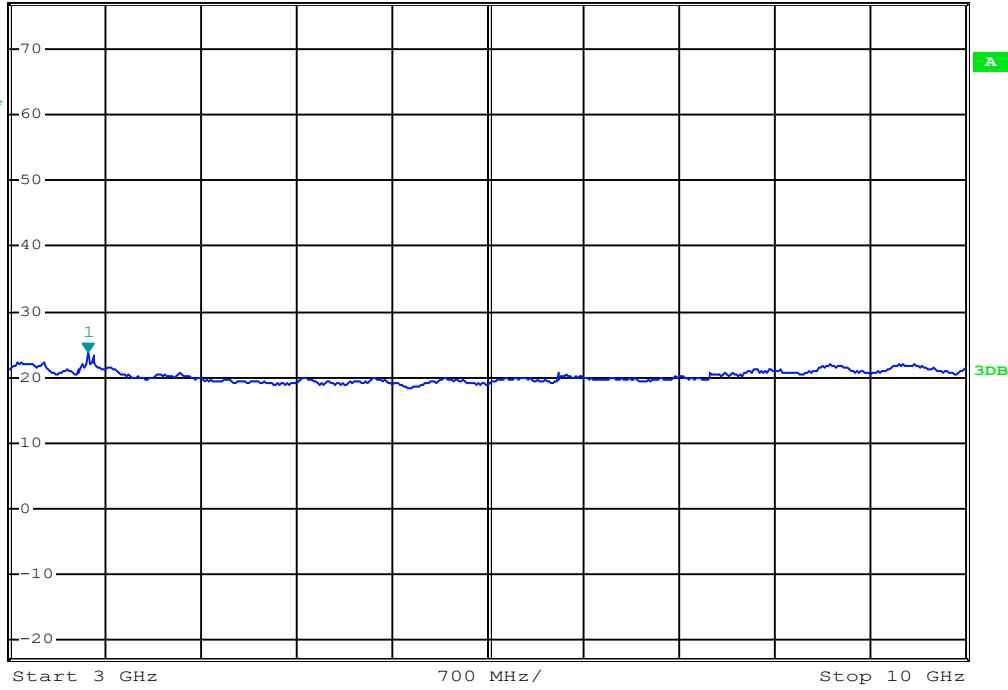


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 23.76 dBuV
SWT 140 ms 3.574000000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
VIEW



Date: 3.APR.2024 16:08:26

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

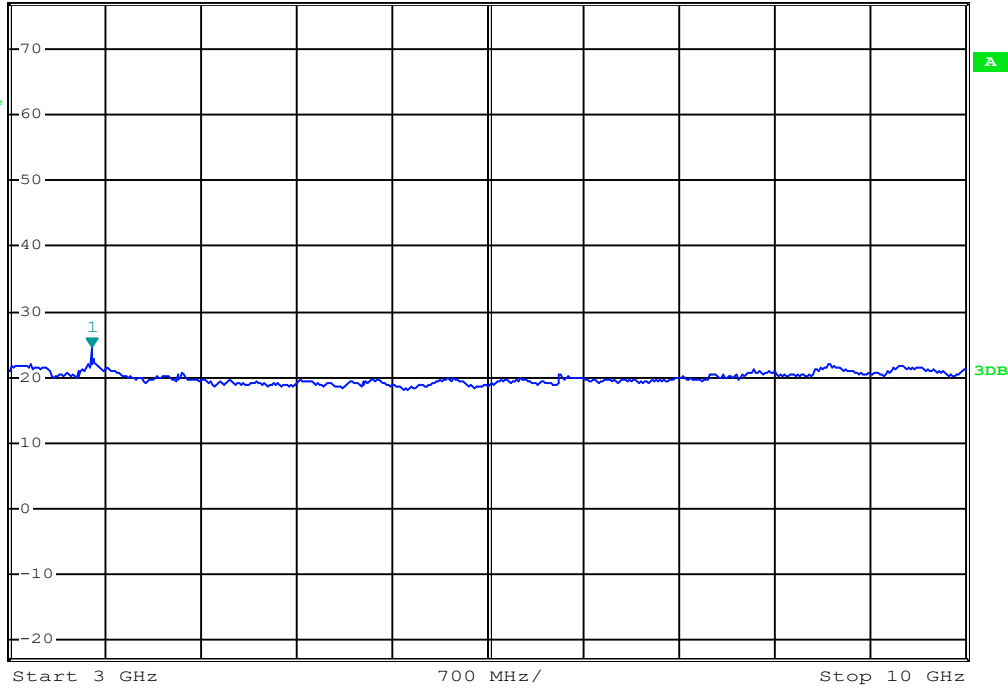


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 24.75 dBuV
SWT 140 ms 3.602000000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
VIEW



Date: 3.APR.2024 16:10:49

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

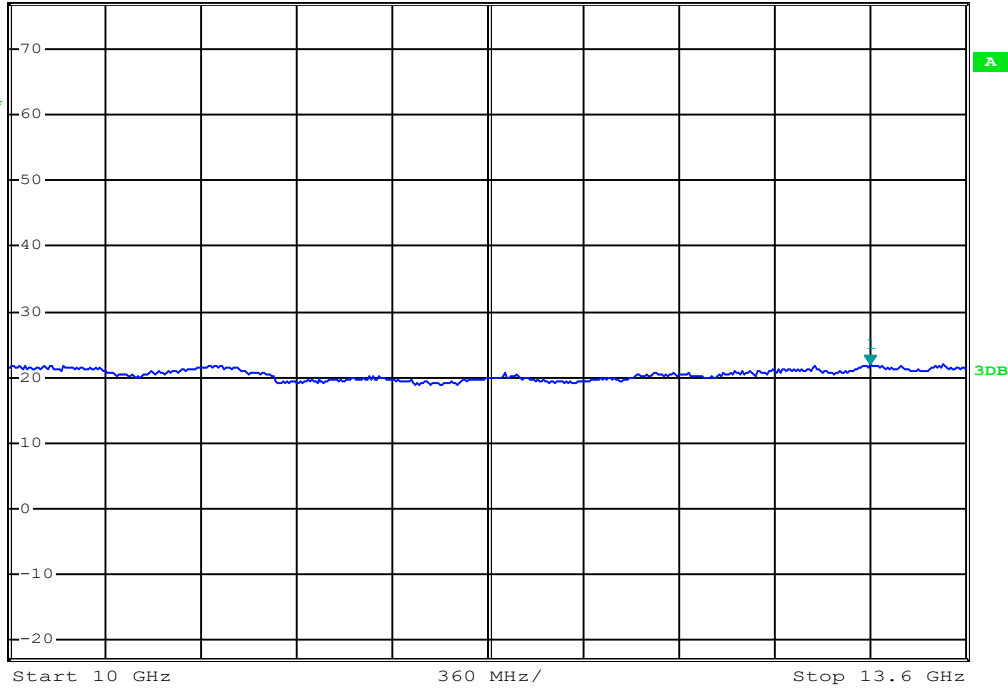


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 22.00 dBμV
 SWT 75 ms 13.24000000 GHz

Ref 77 dBμV

*Att 0 dB

1 RM *
 VIEW



Date: 3.APR.2024 16:08:46

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

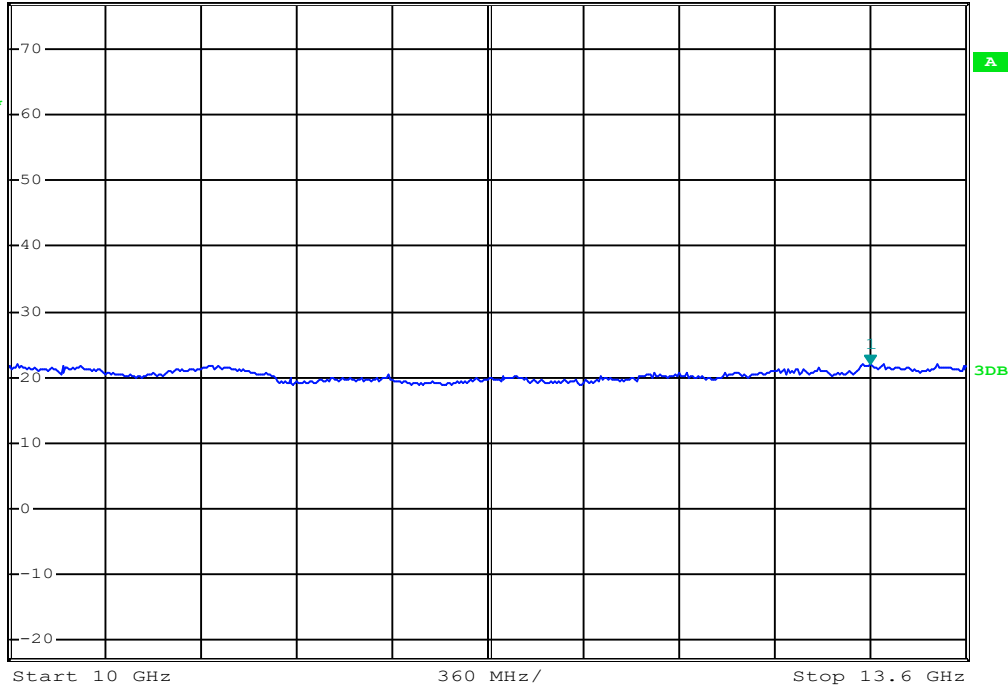


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 21.96 dBuV
SWT 75 ms 13.24000000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM *
VIEW



Date: 3.APR.2024 16:11:05

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

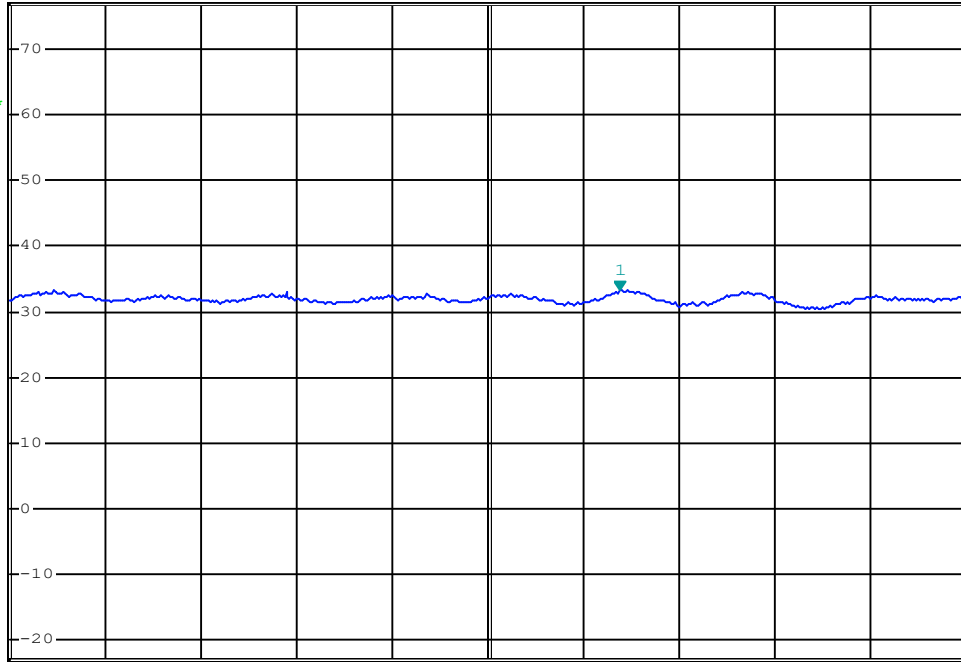


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.26 dBuV
SWT 90 ms 16.407200000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 3.APR.2024 16:09:08

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz

Radiated Tx Emissions:

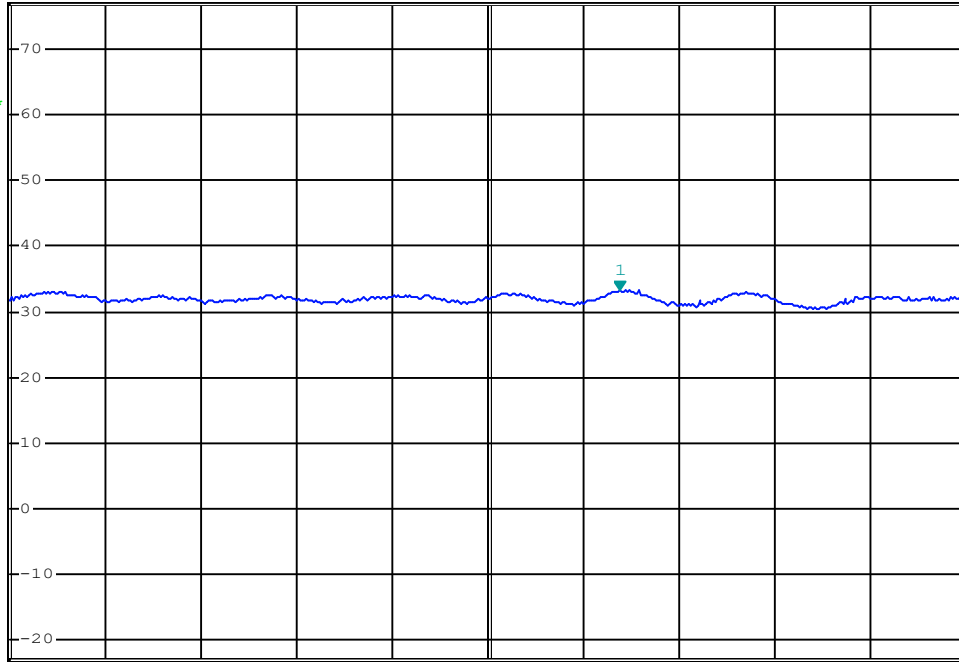


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.36 dBuV
SWT 90 ms 16.407200000 GHz

Ref 77 dBuV

*Att 0 dB

1 RM*
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 3.APR.2024 16:11:21

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Emission Power: dBuV

Emission Frequency: MHz