

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

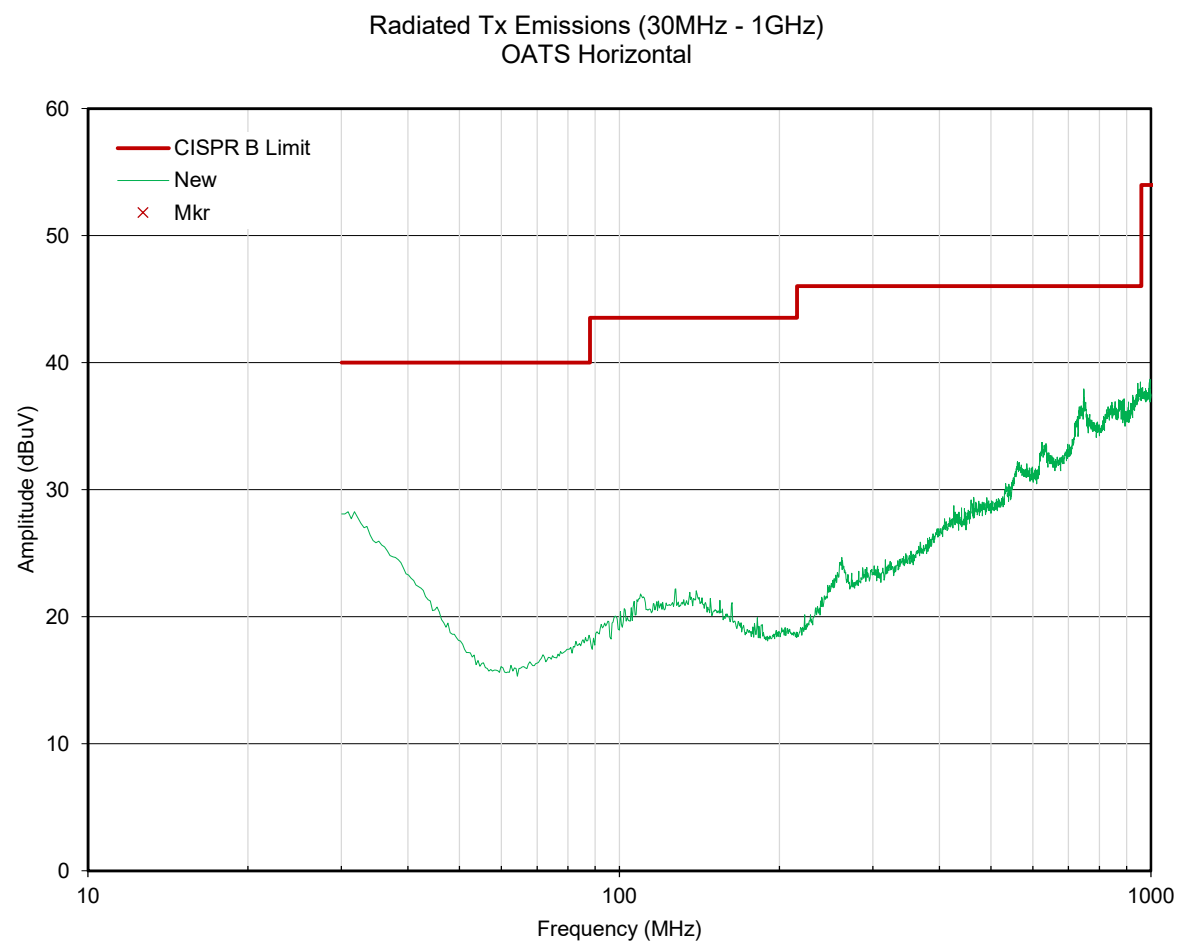
(3) External Amplifier not used

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

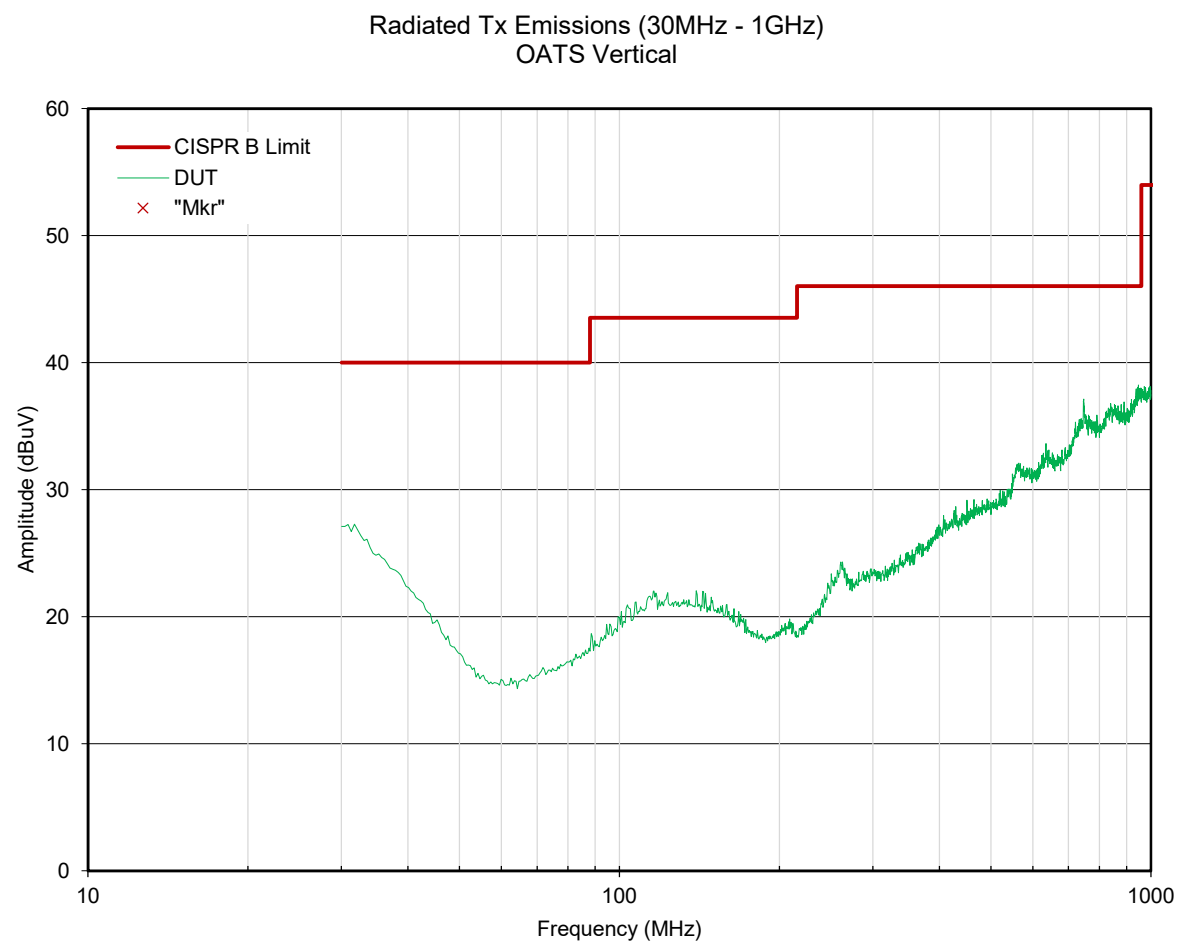
Where ACF^E is the Electric Antenna Correction Factor

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

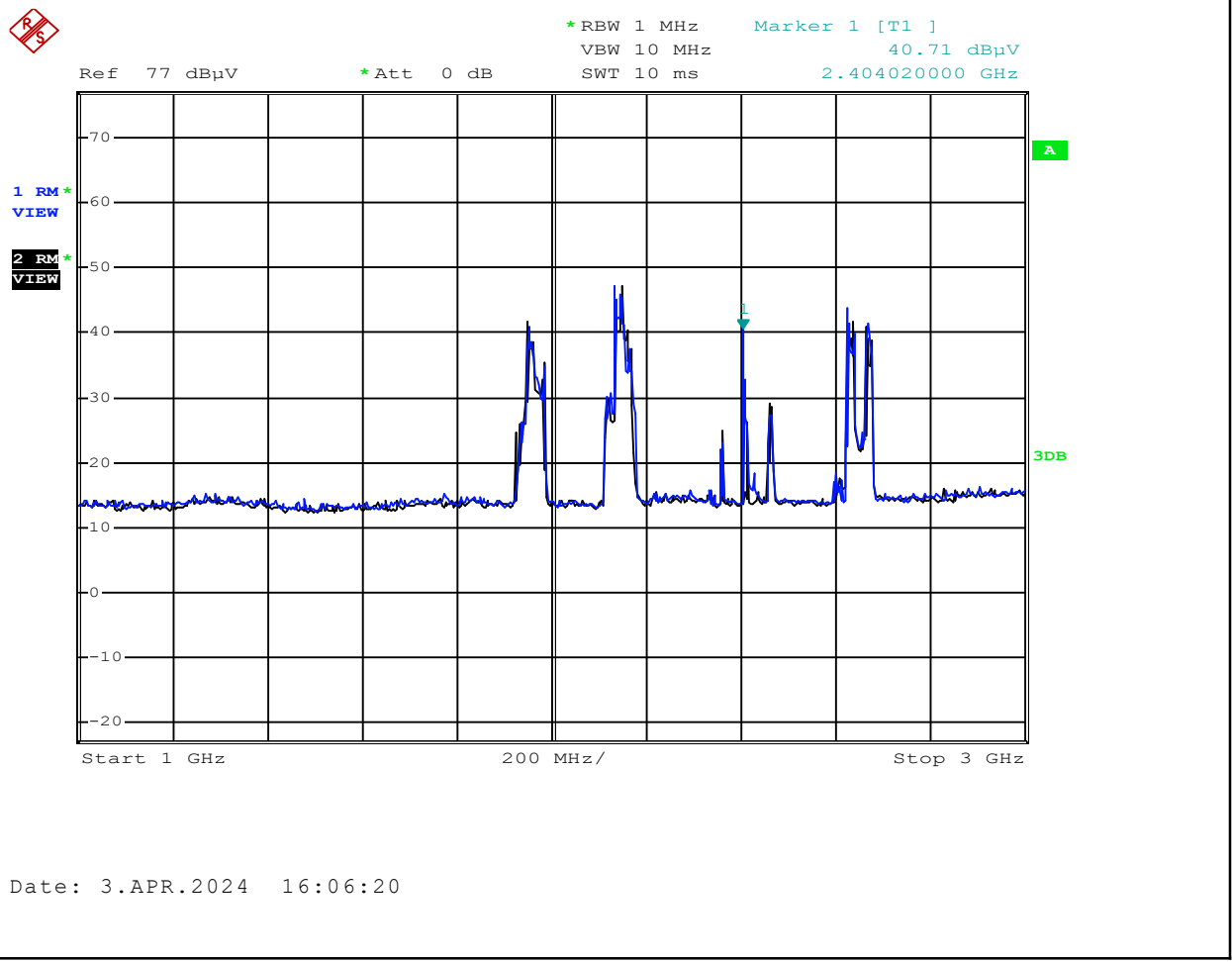
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Tx Emissions:



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

Channel: 2

Mode: BT BR

Polarization: **Horizontal**

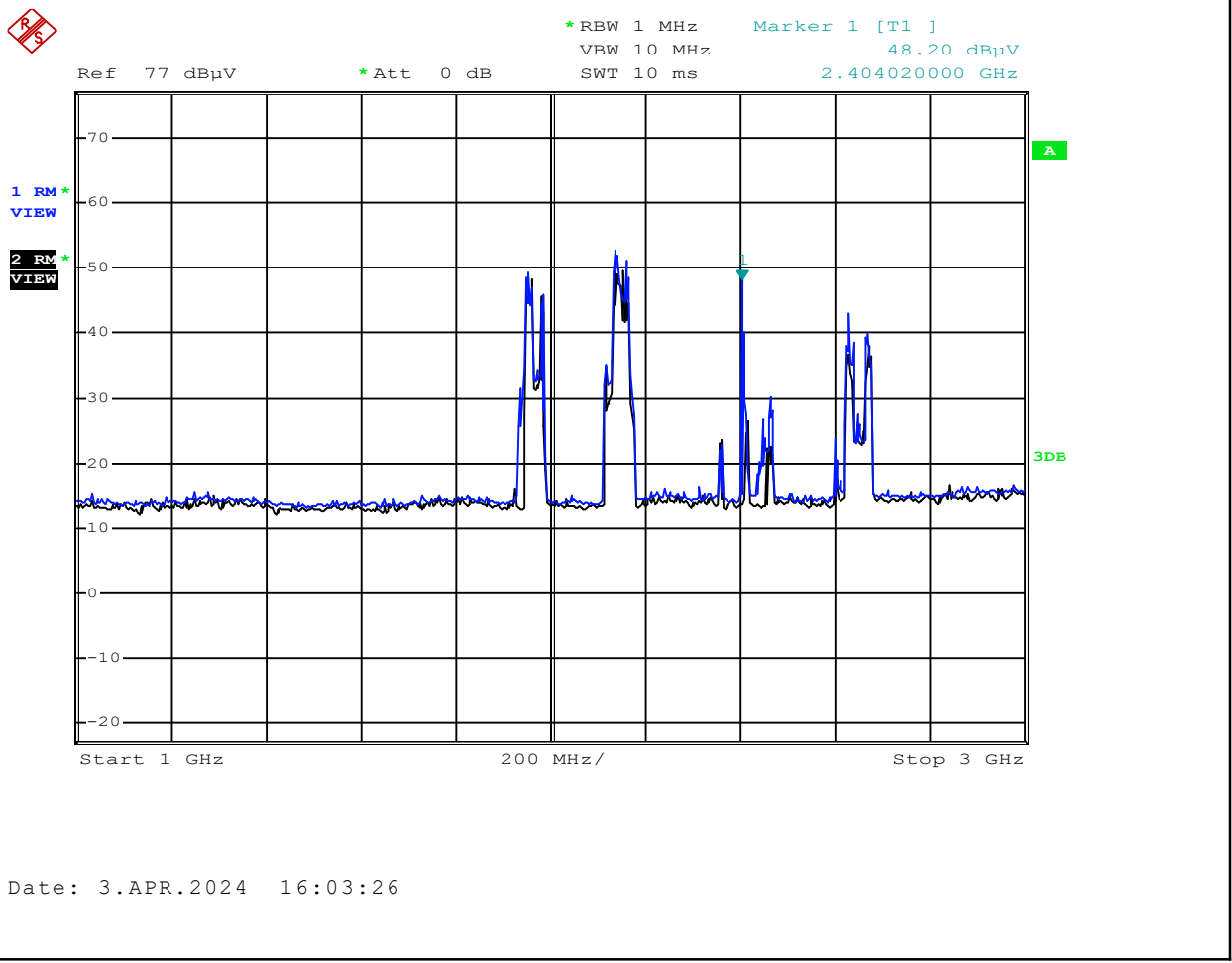
Emission Frequency: **Fundamental** MHz

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Channel Power: 40.71 dBuV

Radiated Tx Emissions:



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

Channel:

Mode: BT BR

Polarization: **Vertical**

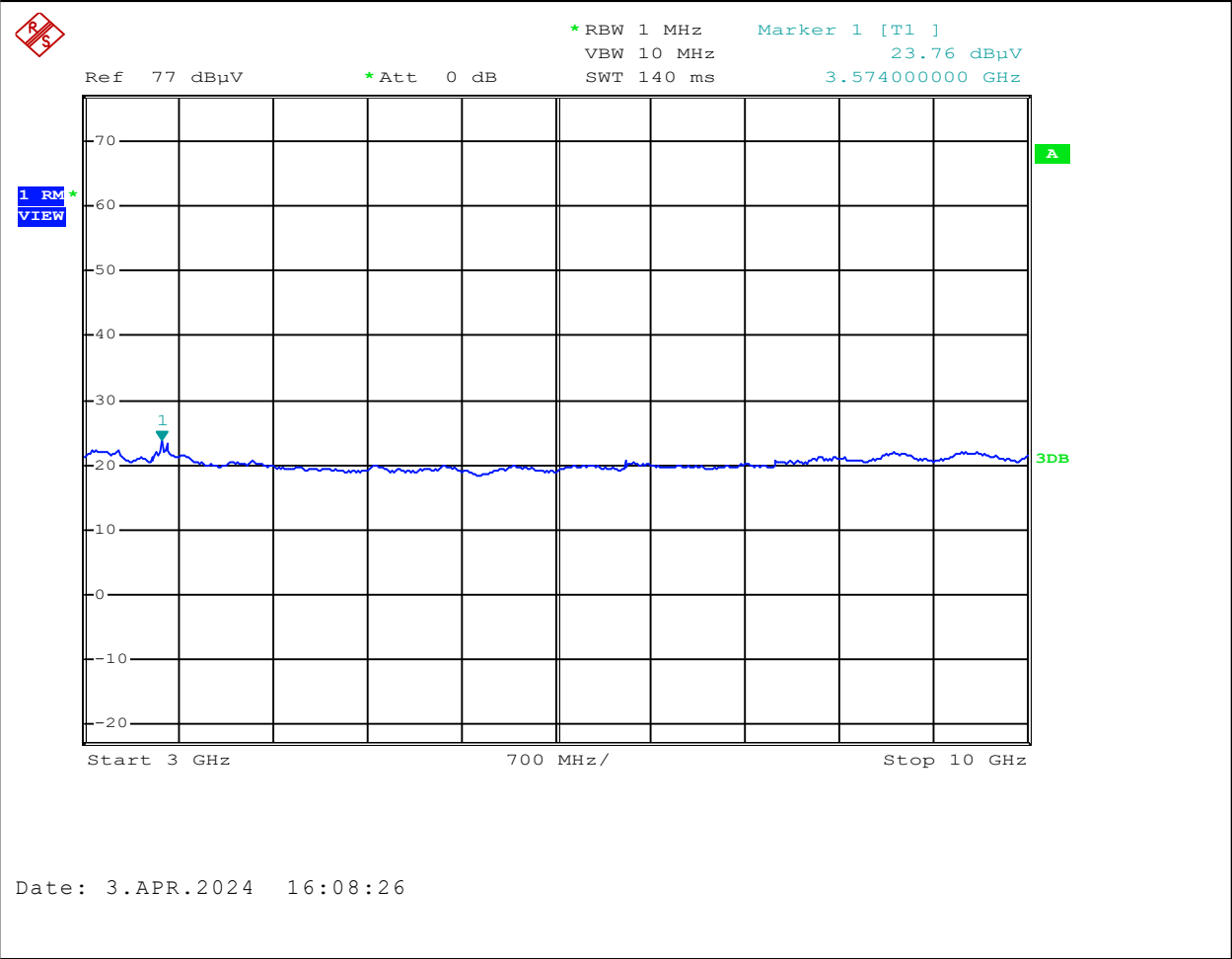
Emission Frequency: Fundamental MHz

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Channel Power: 48.20 dBuV

Radiated Tx Emissions:



Channel: 2

Mode: BT BR

Polarization: Horizontal

Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

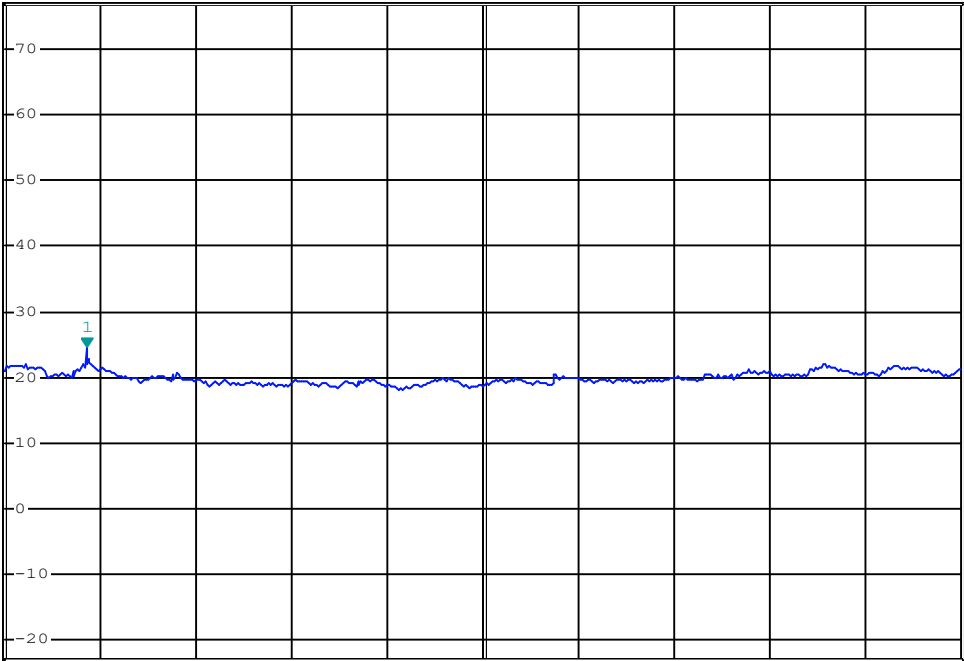


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 24.75 dBμV
SWT 140 ms 3.602000000 GHz

Ref 77 dBμV

*Att 0 dB

1 RM
VIEW



Start 3 GHz 700 MHz/ Stop 10 GHz

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

Channel: 2

Mode: BT BR

Polarization: Vertical

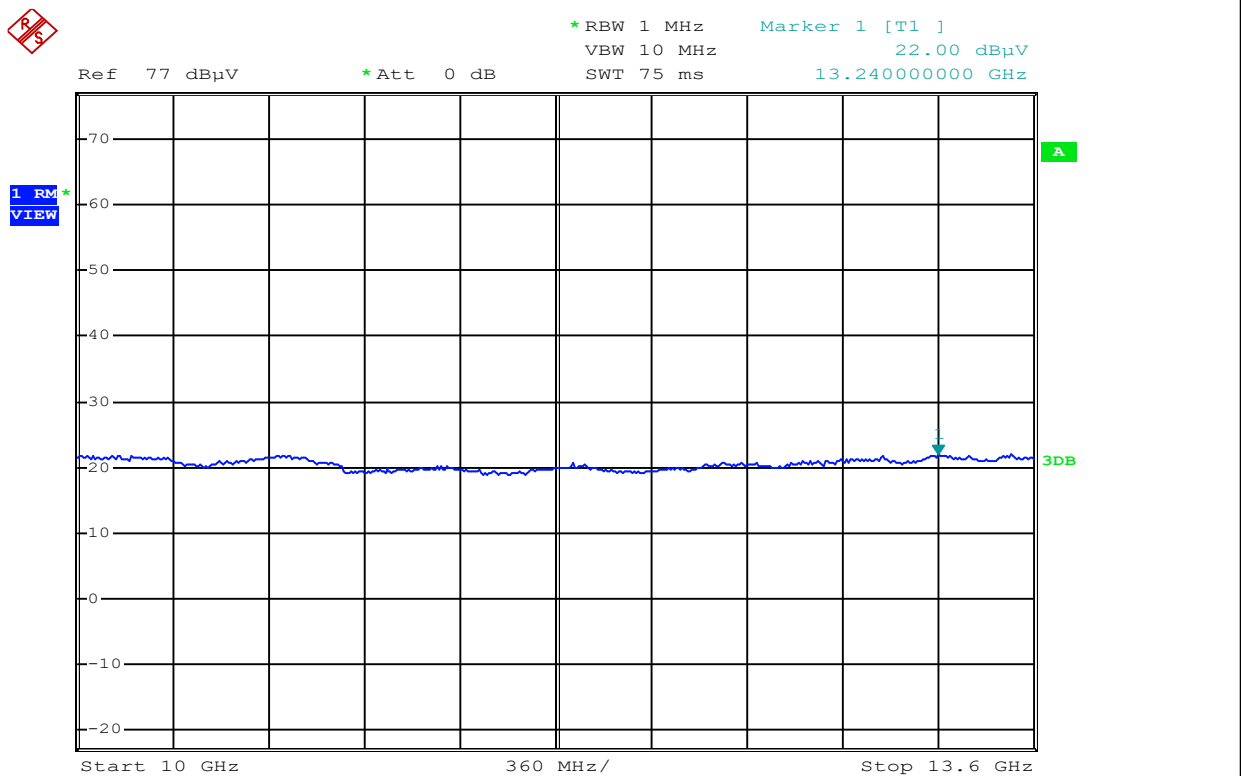
Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



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

Channel: 2

Mode: BT BR

Polarization: Horizontal

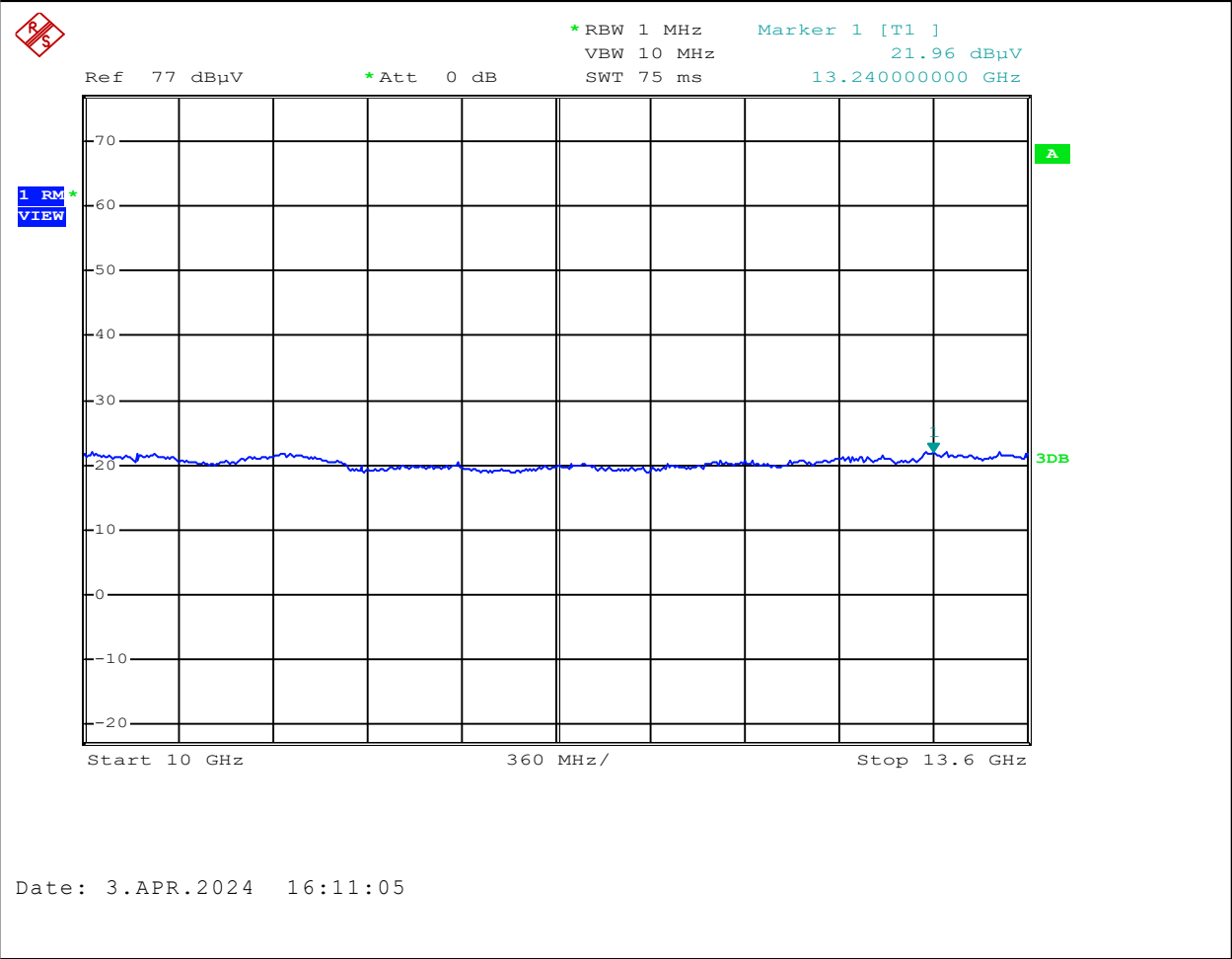
Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



Channel: 2

Mode: BT BR

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

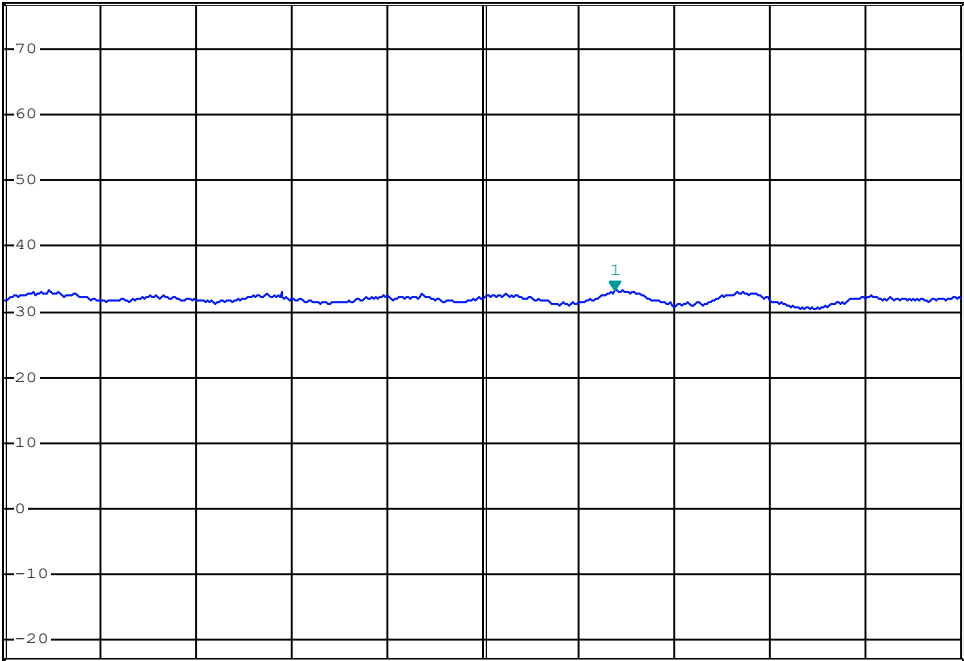


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.26 dBμV
SWT 90 ms 16.407200000 GHz

Ref 77 dBμV

*Att 0 dB

1 RM
VIEW



A

3dB

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

Channel: 2

Mode: BT BR

Polarization: Horizontal

Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

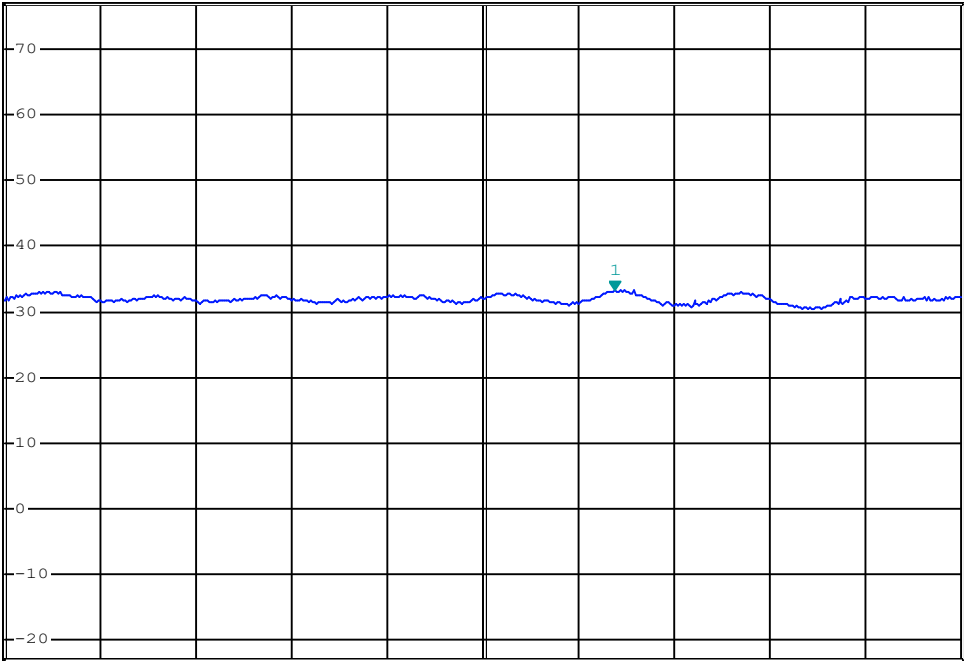


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.36 dBμV
SWT 90 ms 16.407200000 GHz

Ref 77 dBμV

*Att 0 dB

1 RM
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

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

Channel: 2

Mode: BT BR

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

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

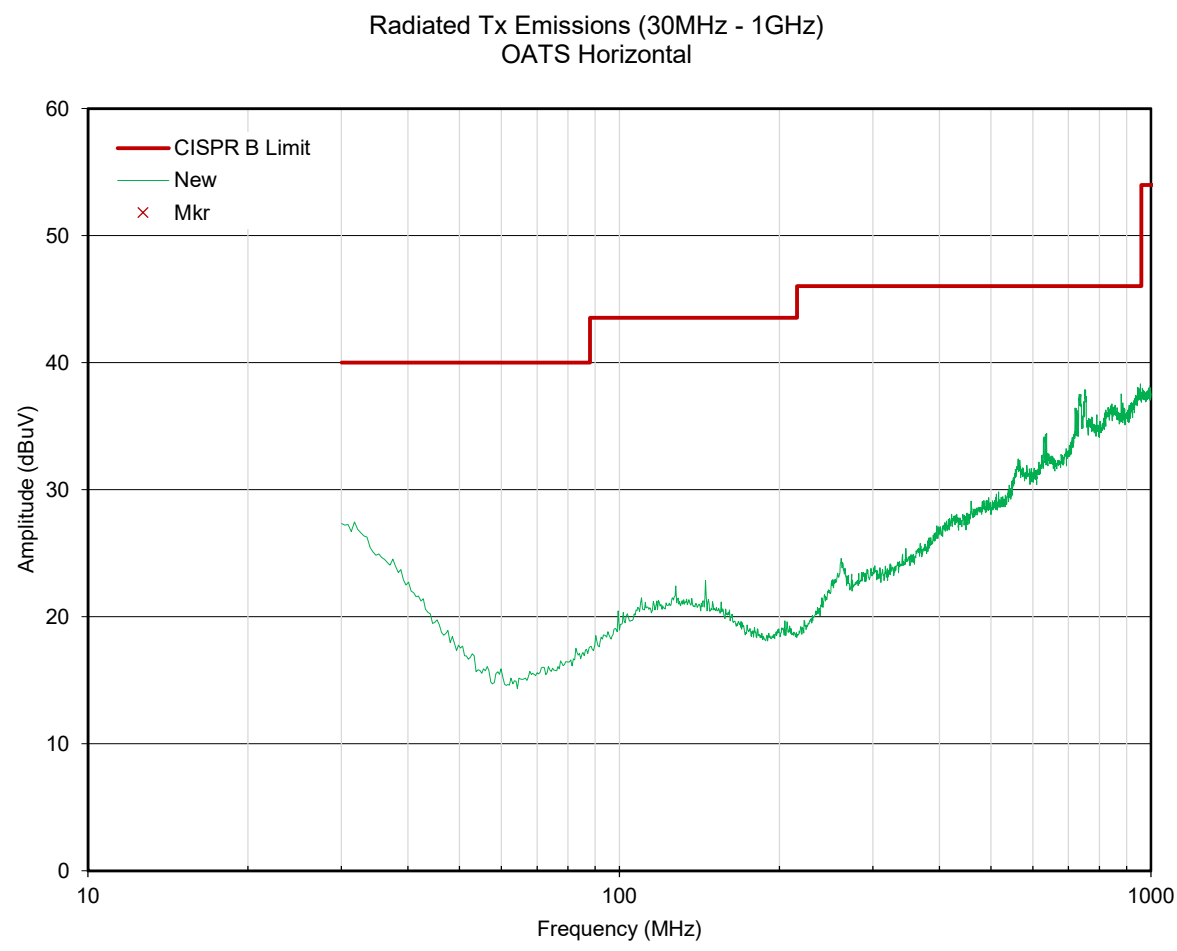
(3) External Amplifier not used

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

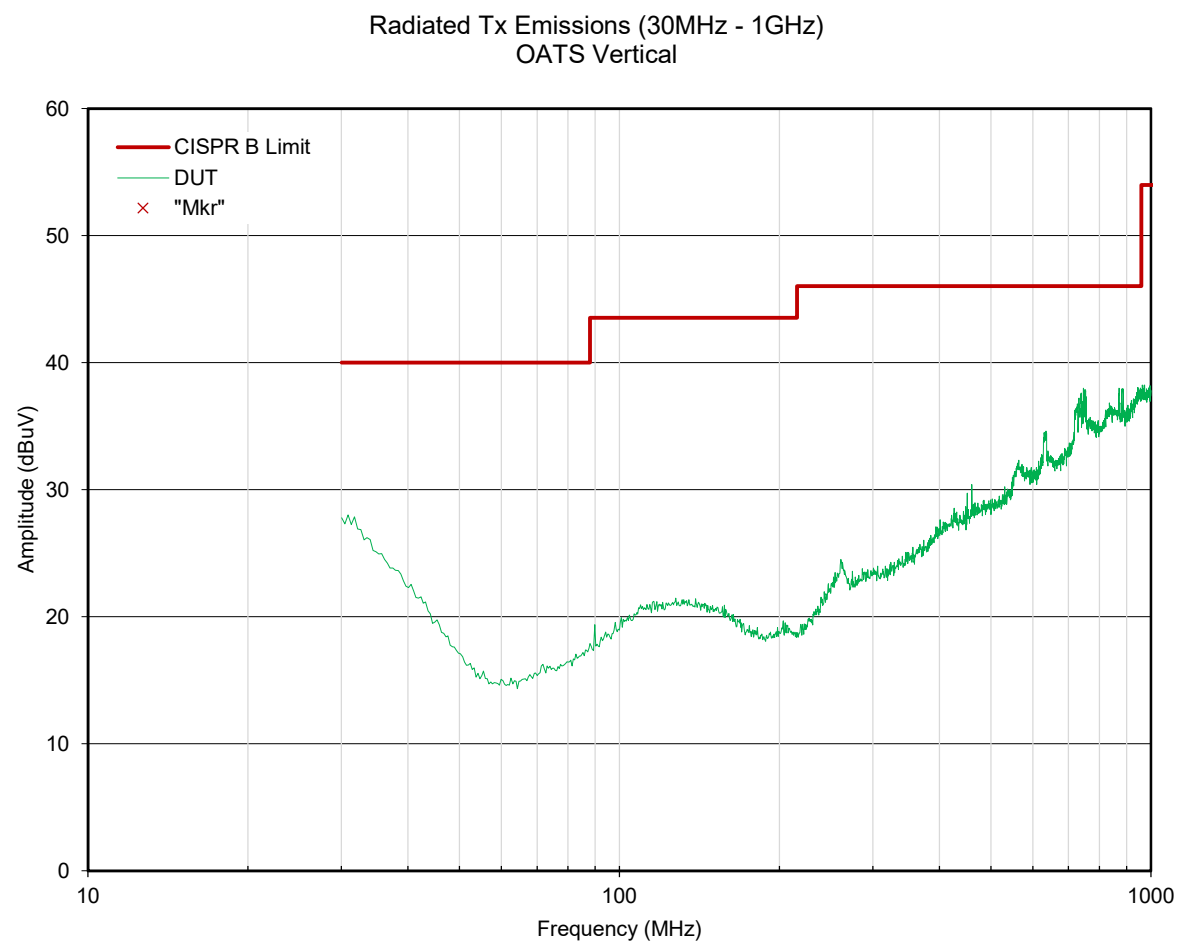
Where ACF^E is the Electric Antenna Correction Factor

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

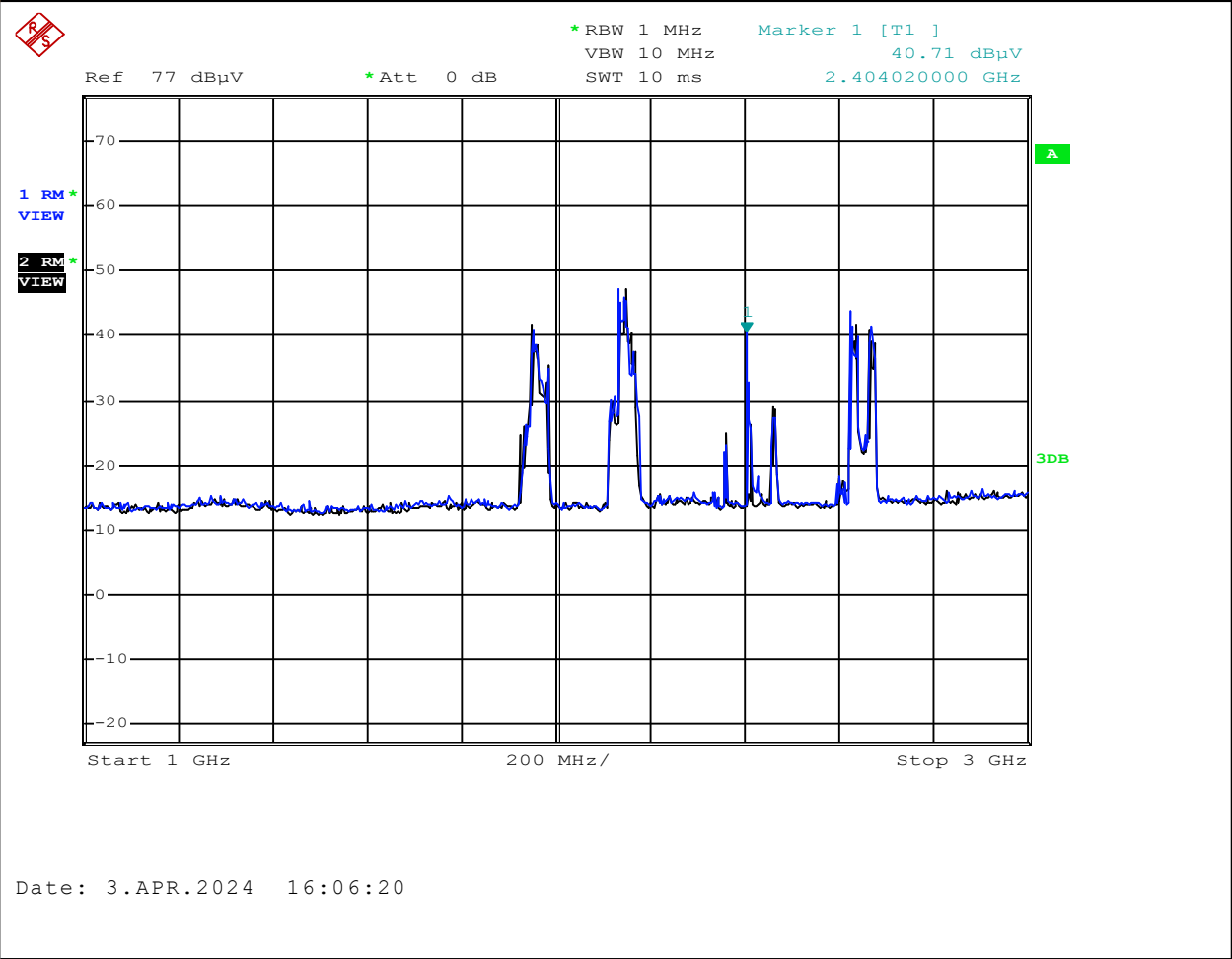
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Tx Emissions:



Channel: 2

Mode: BT BR

Polarization: Horizontal

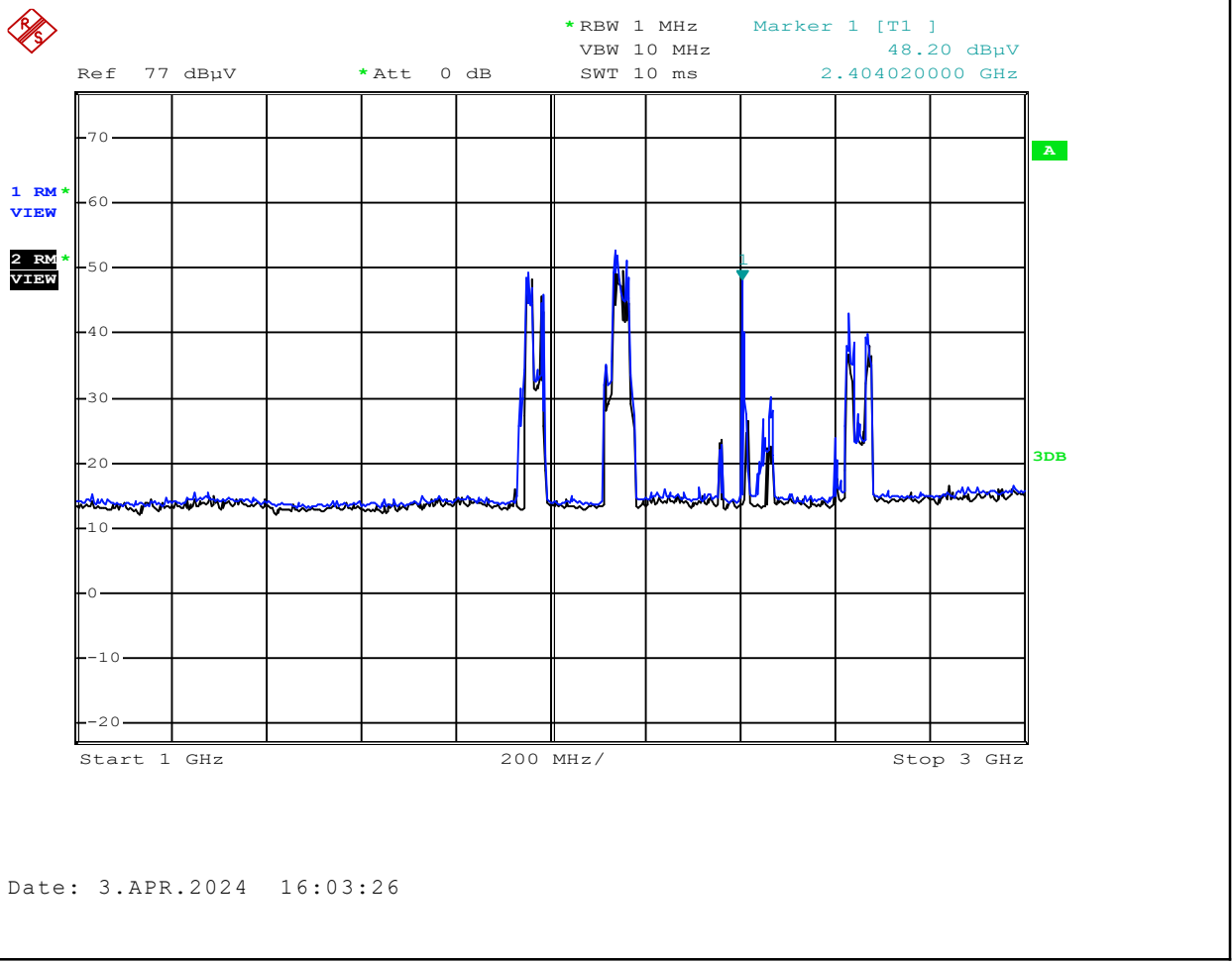
Emission Frequency: Fundamental MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Channel Power: 40.71 dBμV

Radiated Tx Emissions:



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

Channel: 2

Mode: BT BR

Polarization: **Vertical**

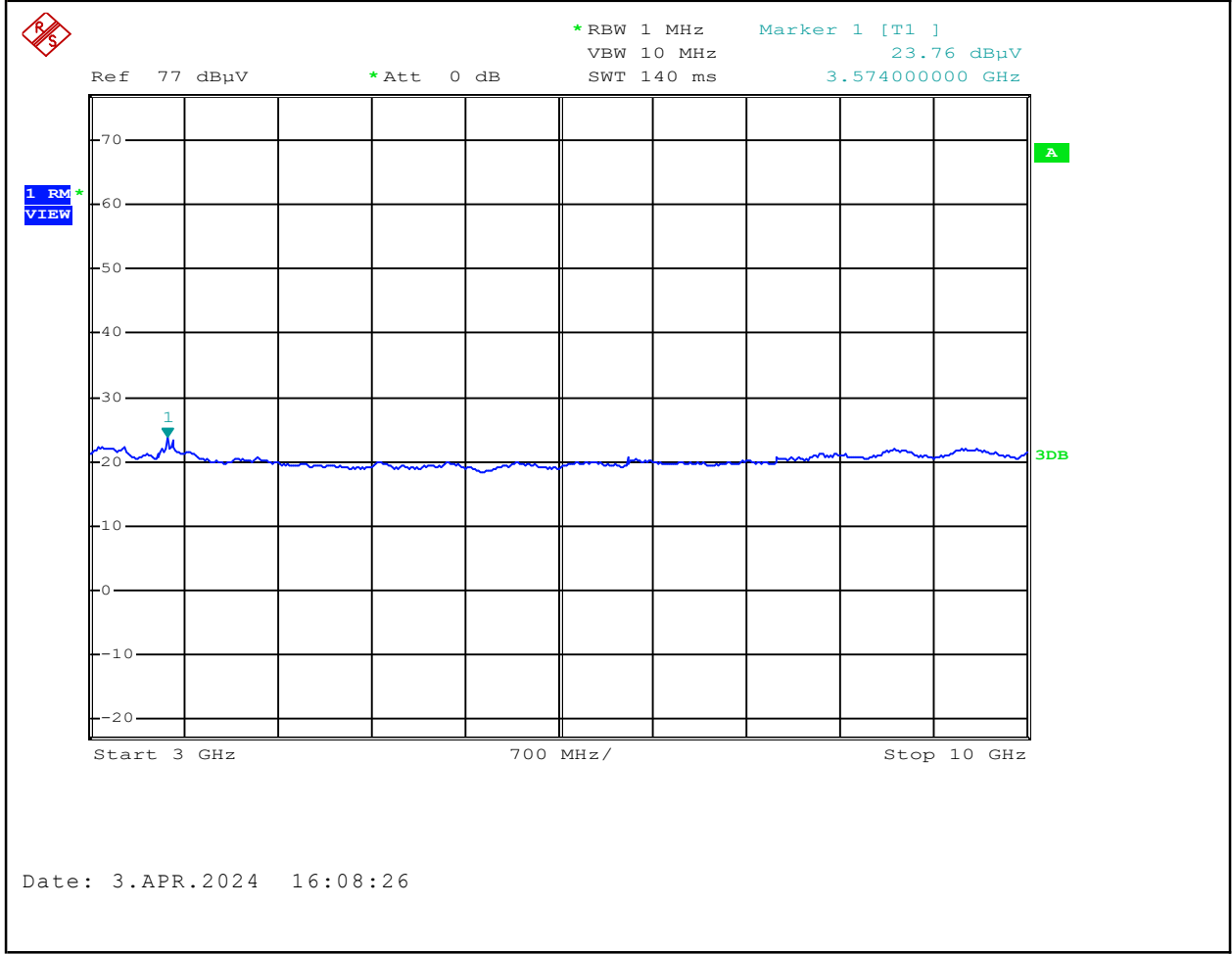
Emission Frequency: Fundamental MHz

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Channel Power: 48.20 dBuV

Radiated Tx Emissions:



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

Channel: 2

Mode: BT BR

Polarization: **Horizontal**

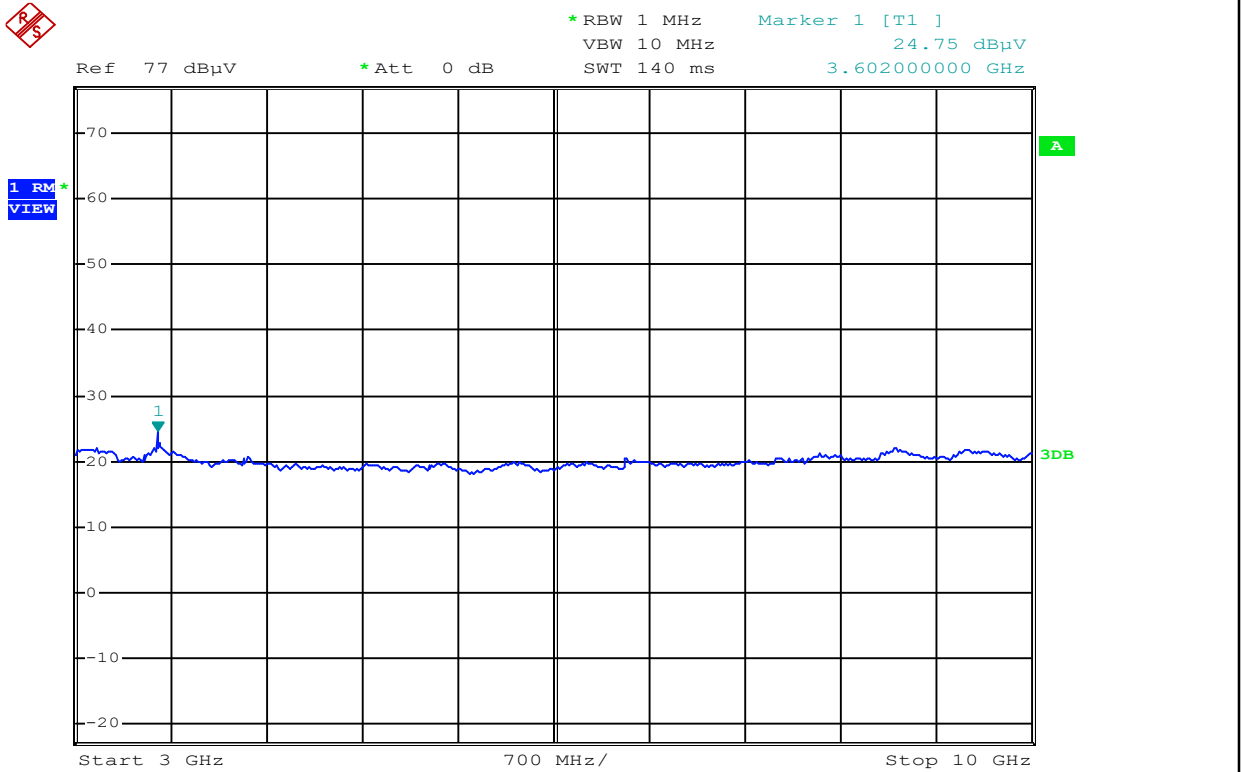
Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: **ND** dBuV

Radiated Tx Emissions:



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

Channel: 2

Mode: BT BR

Polarization:

Vertical

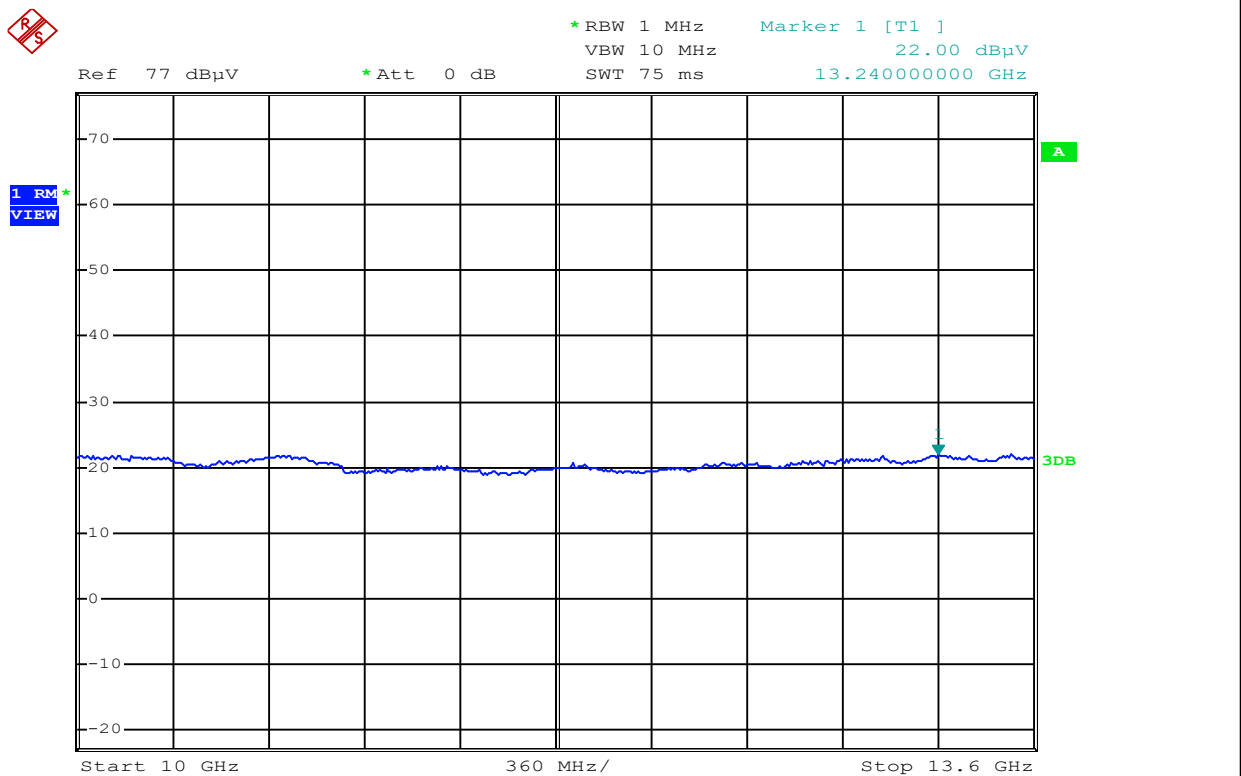
Emission Frequency:	ND
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Channel Frequency: 2404 MHz

Modulation:	GFSK
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Measured Emission Power:	ND
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Radiated Tx Emissions:



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

Channel: 2

Mode: BT BR

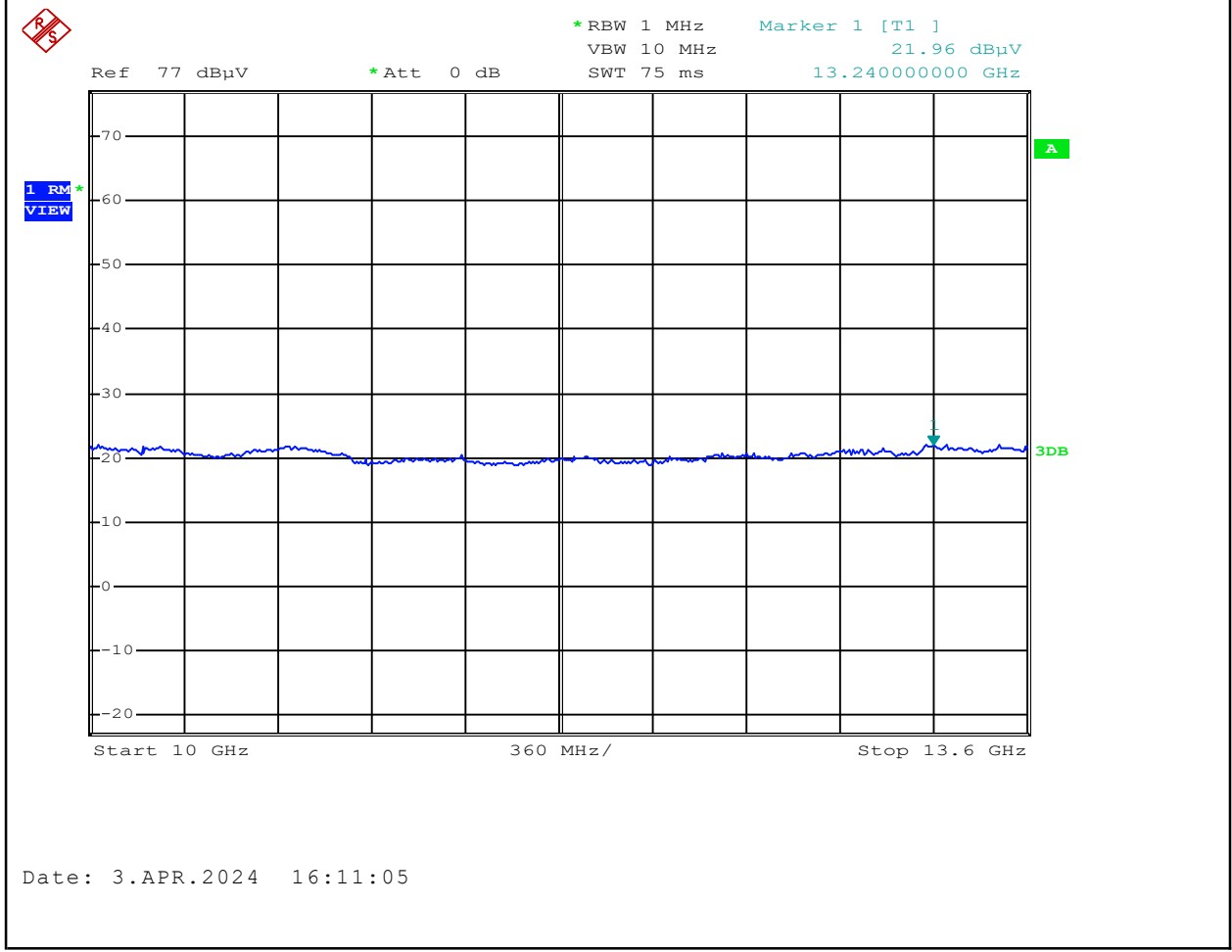
Polarization: HorizontalEmission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



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

Channel: 2

Mode: BT BR

Polarization:

Vertical

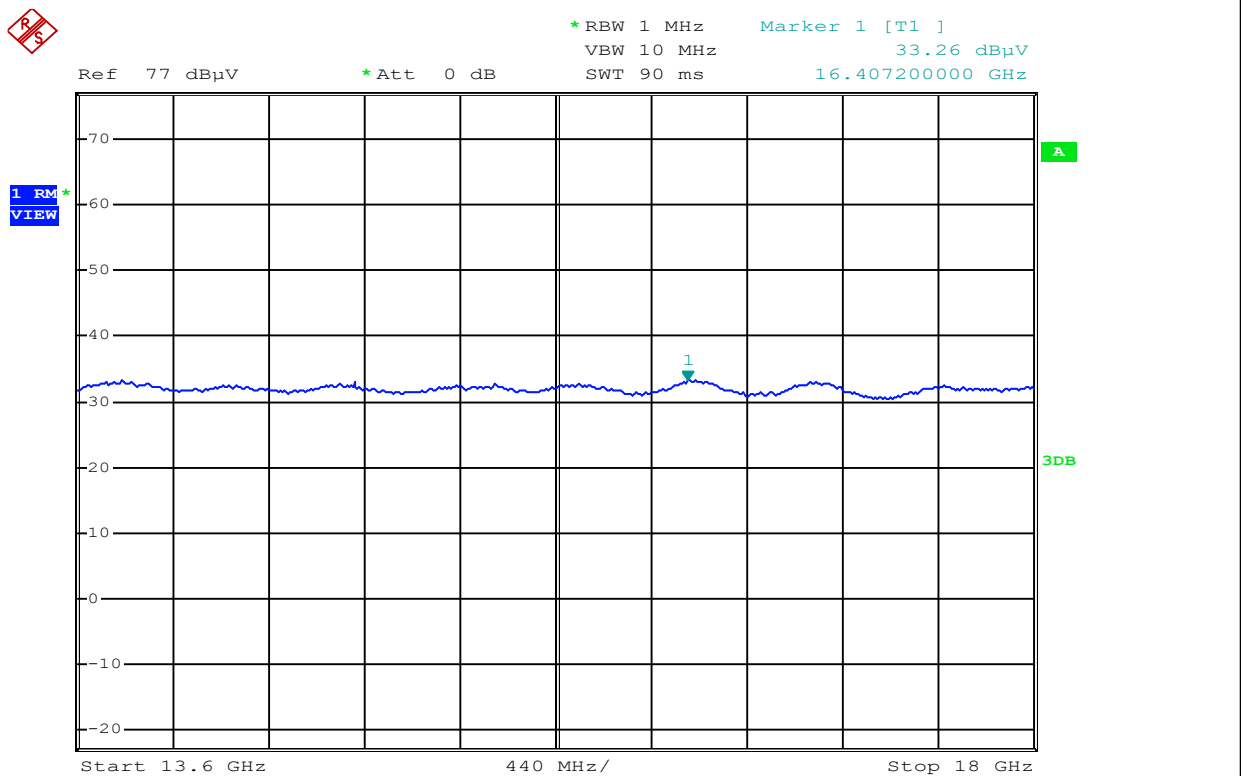
Emission Frequency: ND MHz

Channel Frequency: **2404** MHz

Modulation: **GFSK**

Measured Emission Power: **ND** dBuV

Radiated Tx Emissions:



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

Channel:

Mode: BT BR

Polarization: **Horizontal**Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

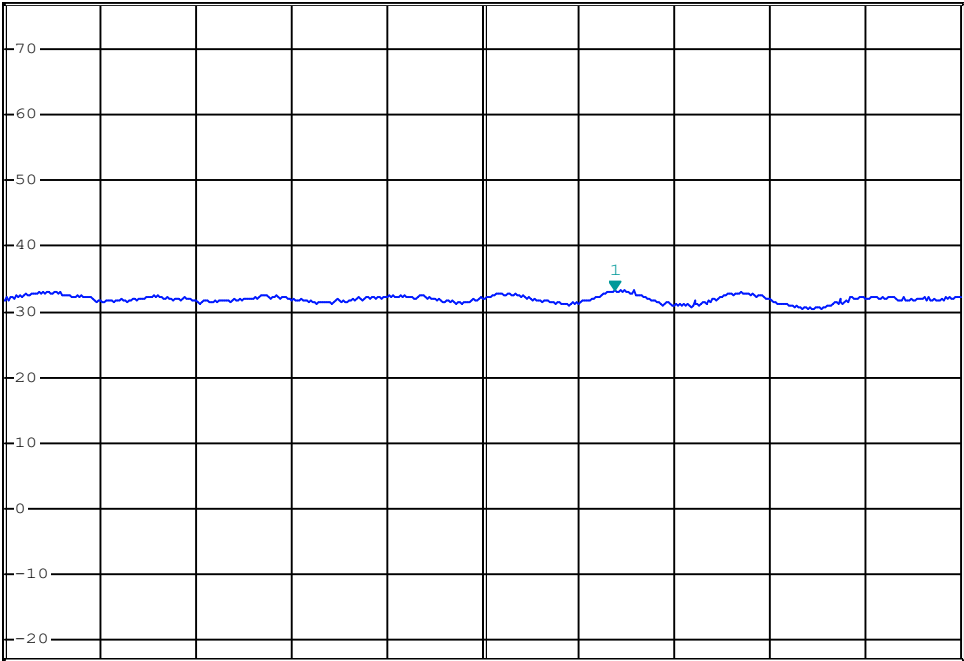


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.36 dBμV
SWT 90 ms 16.407200000 GHz

Ref 77 dBμV

*Att 0 dB

1 RM
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

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

Channel: 2

Mode: BT BR

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Summary of Radiated Rx 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	-	Horizontal	(1)	(1) AV	-	-	0.00 (3)	(1)	-	(1)
30-1000	-	Vertical	(1)	(1) AV	-	-	0.00 (3)	(1)	-	(1)
1000-25000	-	Horizontal	(1)	(1) AV	-	-	0.00 (3)	(1)	54.0	(1)
1000-25000	-	Vertical	(1)	(1) AV	-	-	0.00 (3)	(1)	54.0	(1)
Results:									Complies	

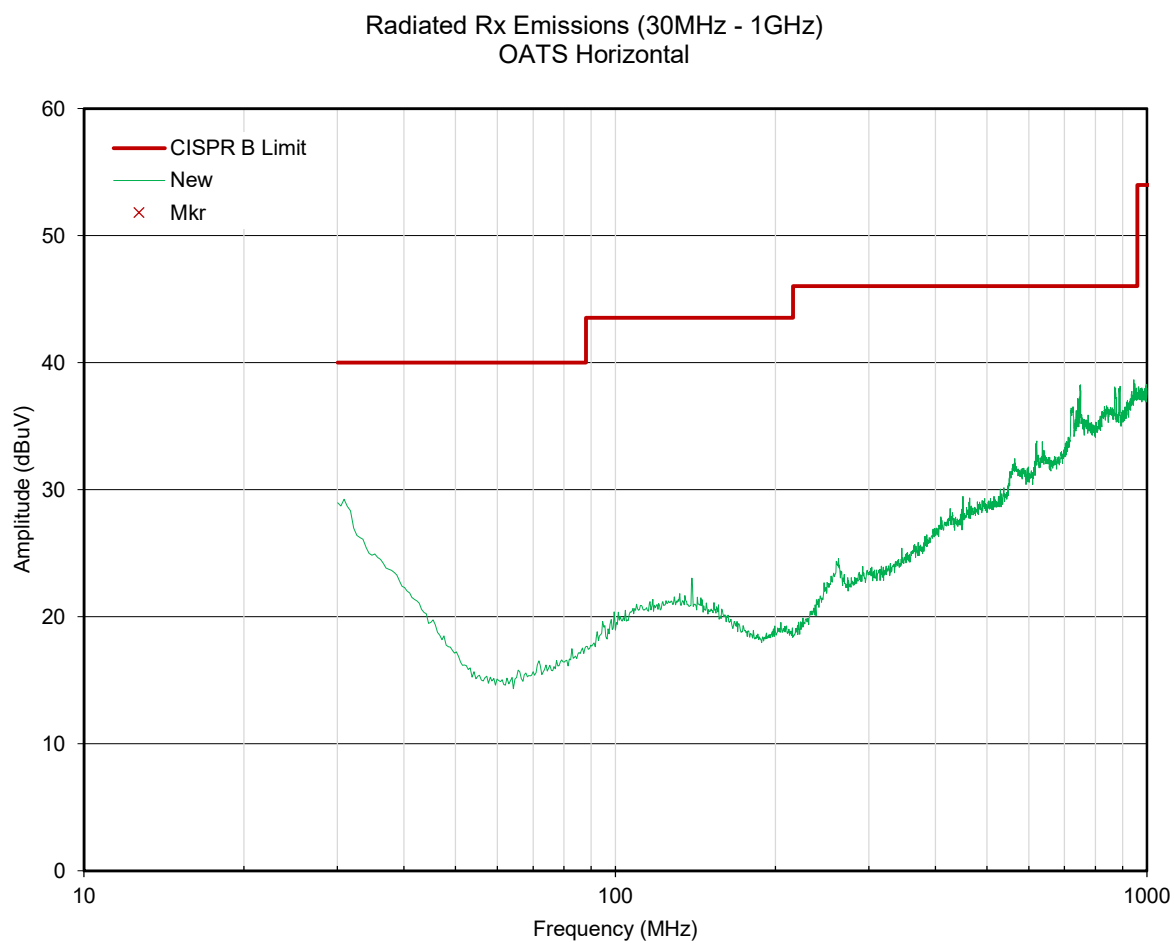
(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

(3) External Amplier not used

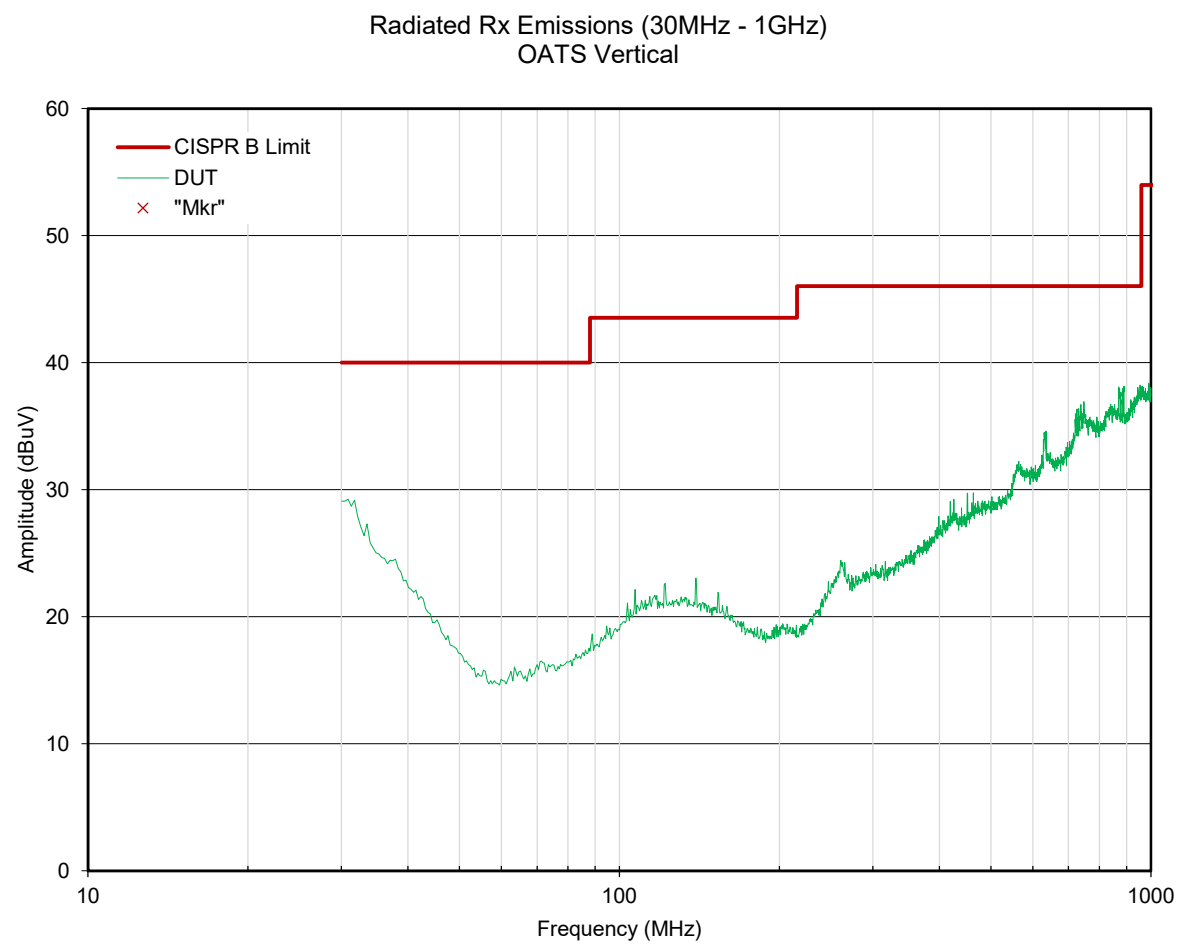
$E_{Corr} = E_{Meas} + ACF^E + L_C - G_A$

Where ACF^E is the Electric Antenna Correction Factor

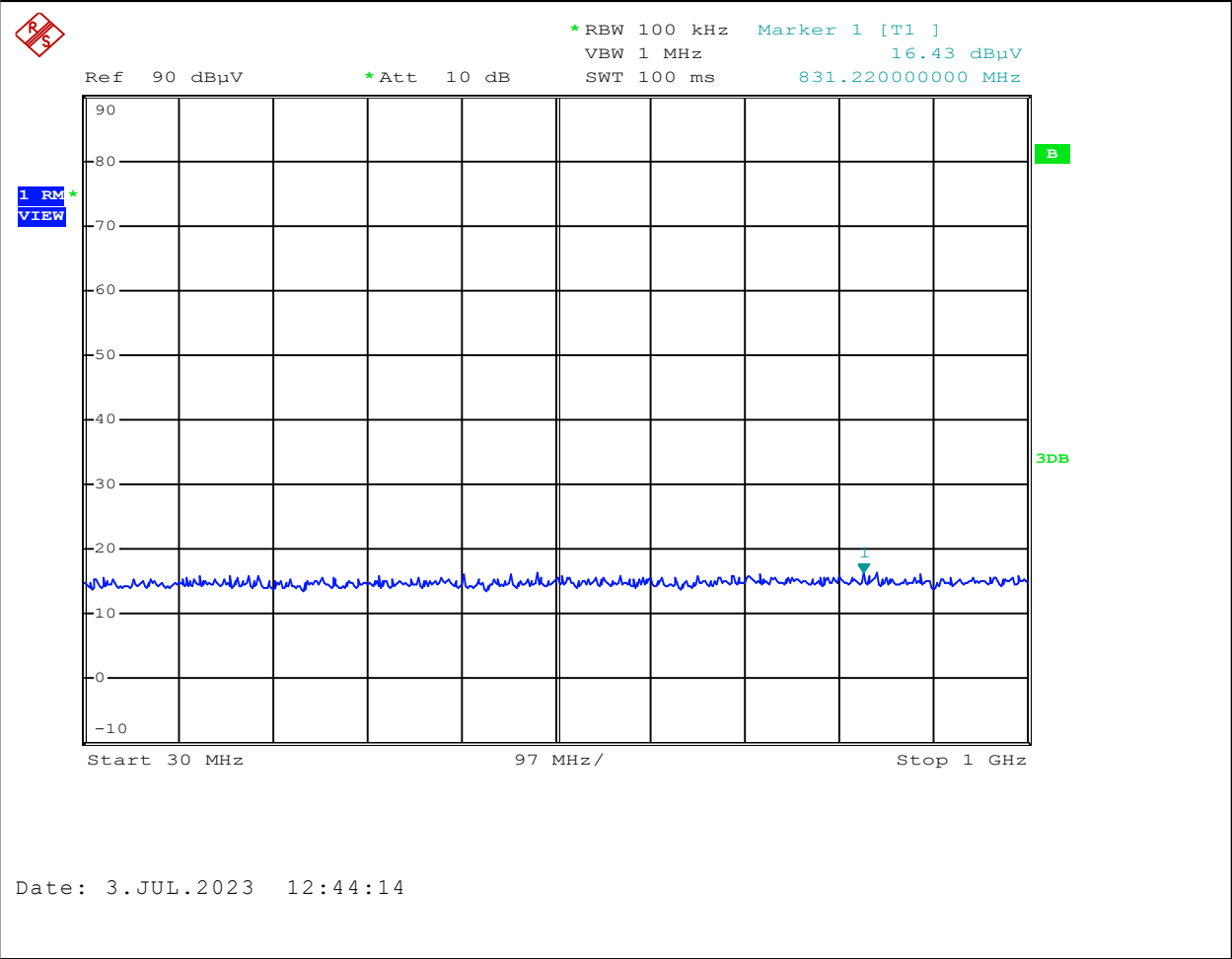
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Rx Emissions:



Channel: -

Mode: -

Polarization: Horizontal

Emission Frequency: ND MHz

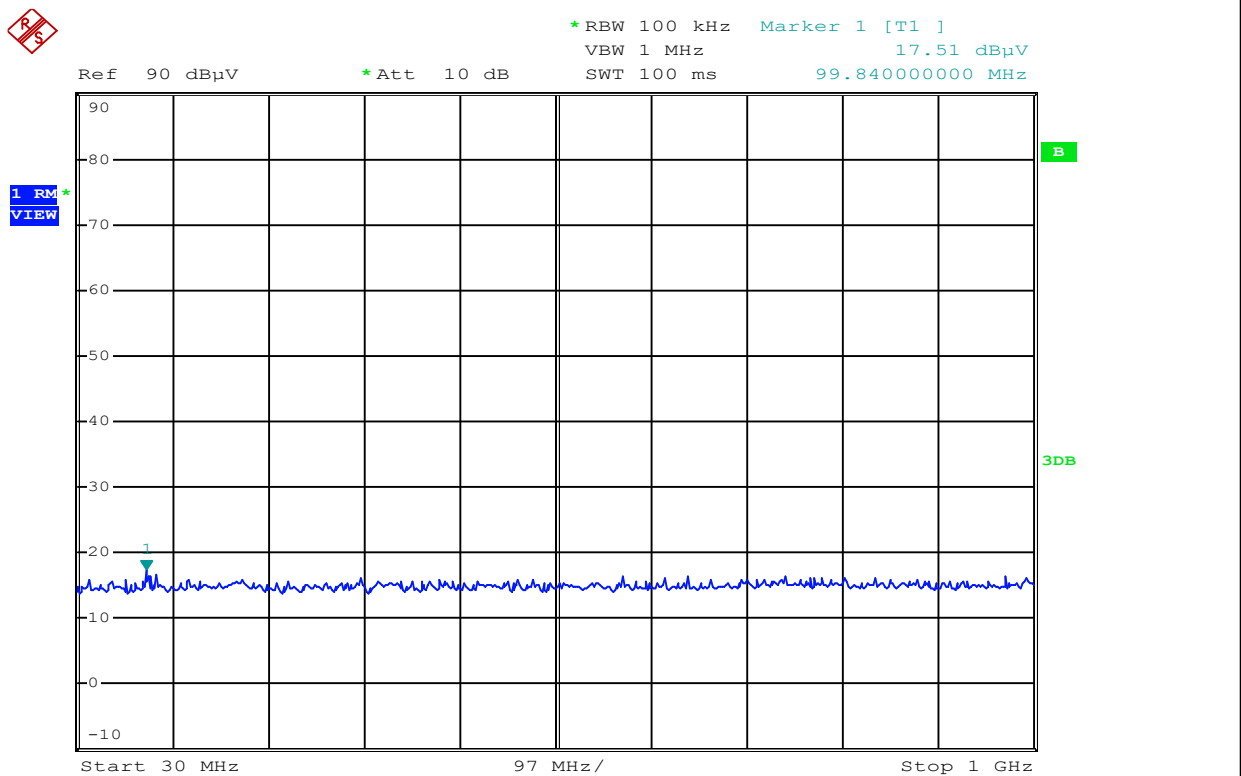
Channel Frequency: - MHz

Modulation: -

Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Date: 3.JUL.2023 12:43:21

Channel: -

Mode: -

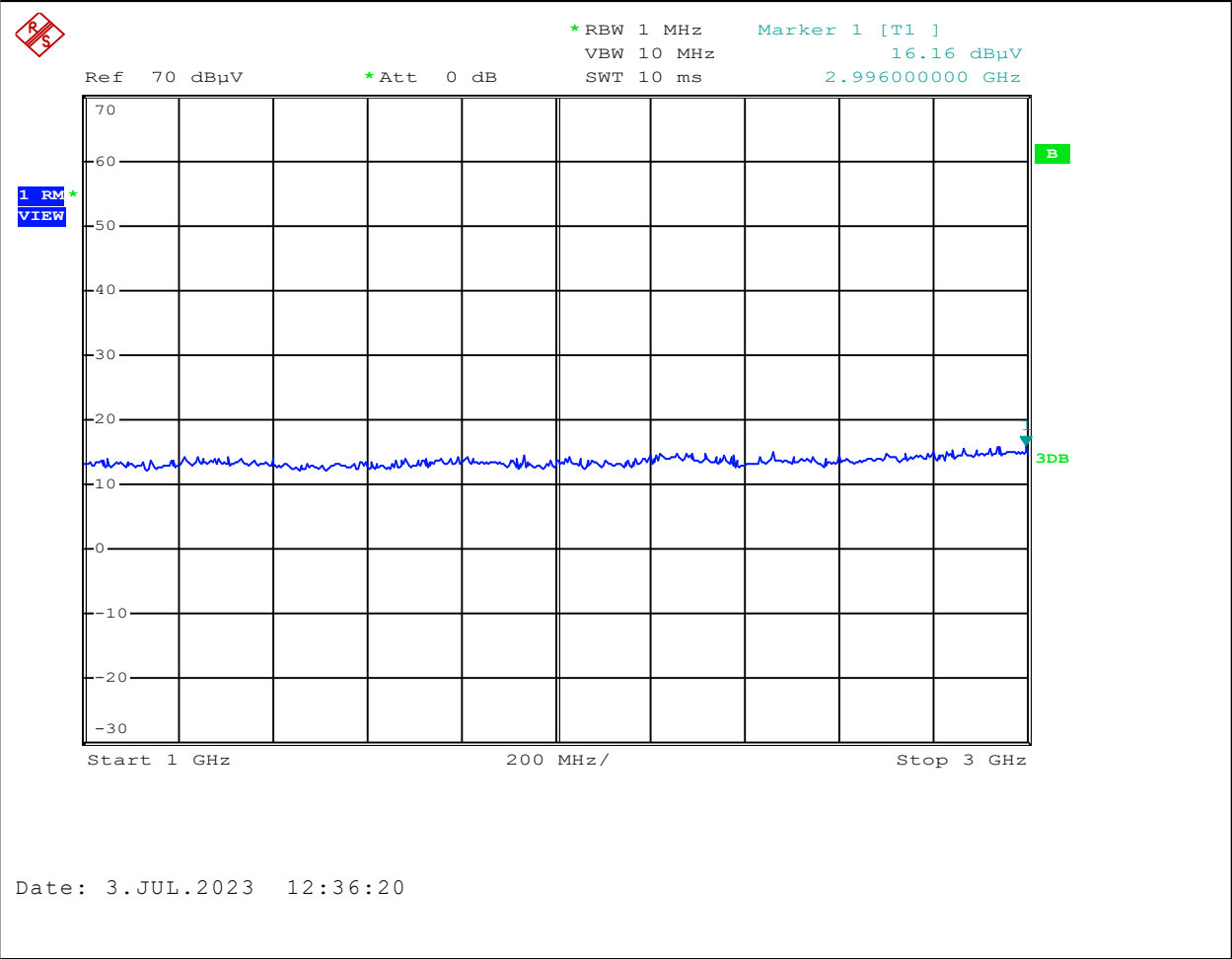
Polarization: **Vertical**Emission Frequency: ND MHzChannel Frequency: - MHz

Modulation: -

Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Channel: -

Mode: -

Polarization: Horizontal

Emission Frequency: ND MHz

Channel Frequency: - MHz

Modulation: -

Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:

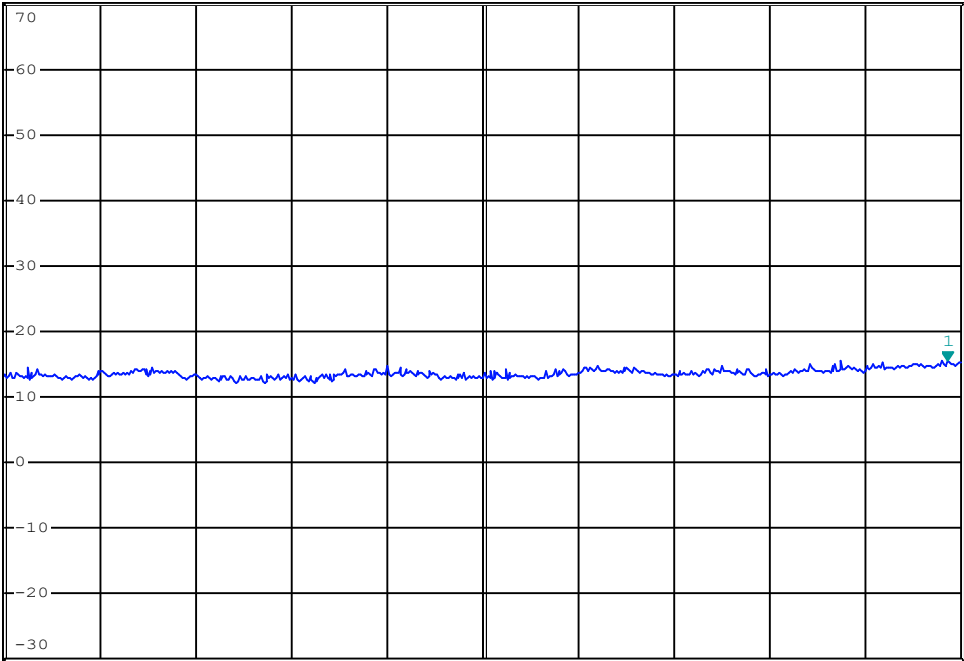


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 15.65 dBμV
*SWT 10 ms 2.972000000 GHz

Ref 70 dBμV

*Att 0 dB

1 RM
VIEW



Start 1 GHz 200 MHz/ Stop 3 GHz

Date: 3.JUL.2023 12:35:07

Channel: -

Channel Frequency: - MHz

Mode: -

Modulation: -

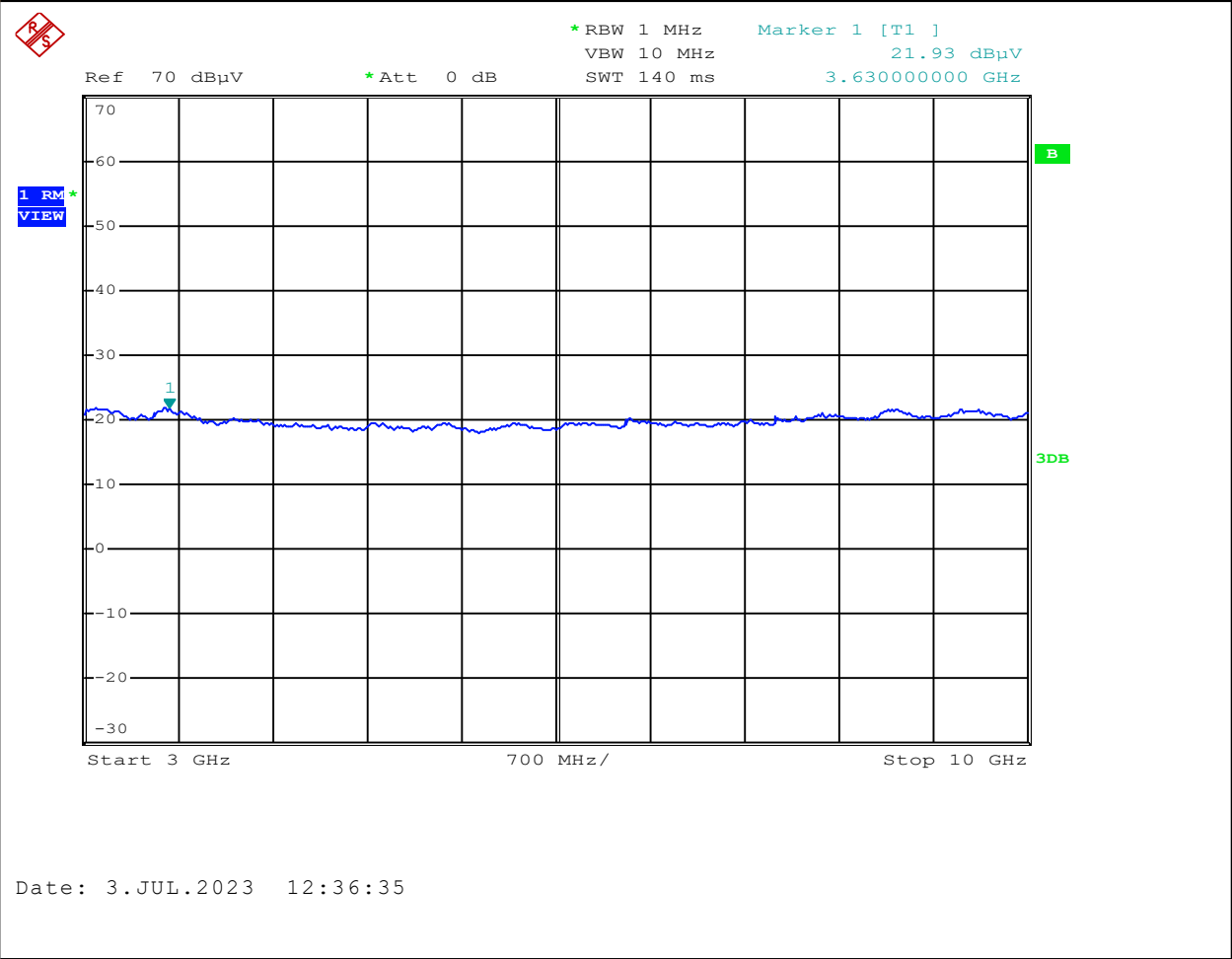
Polarization: Vertical

Measured Channel Power(PK): ND dBm

Emission Frequency: ND MHz

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Channel: -

Mode: -

Polarization: Horizontal

Emission Frequency: ND MHz

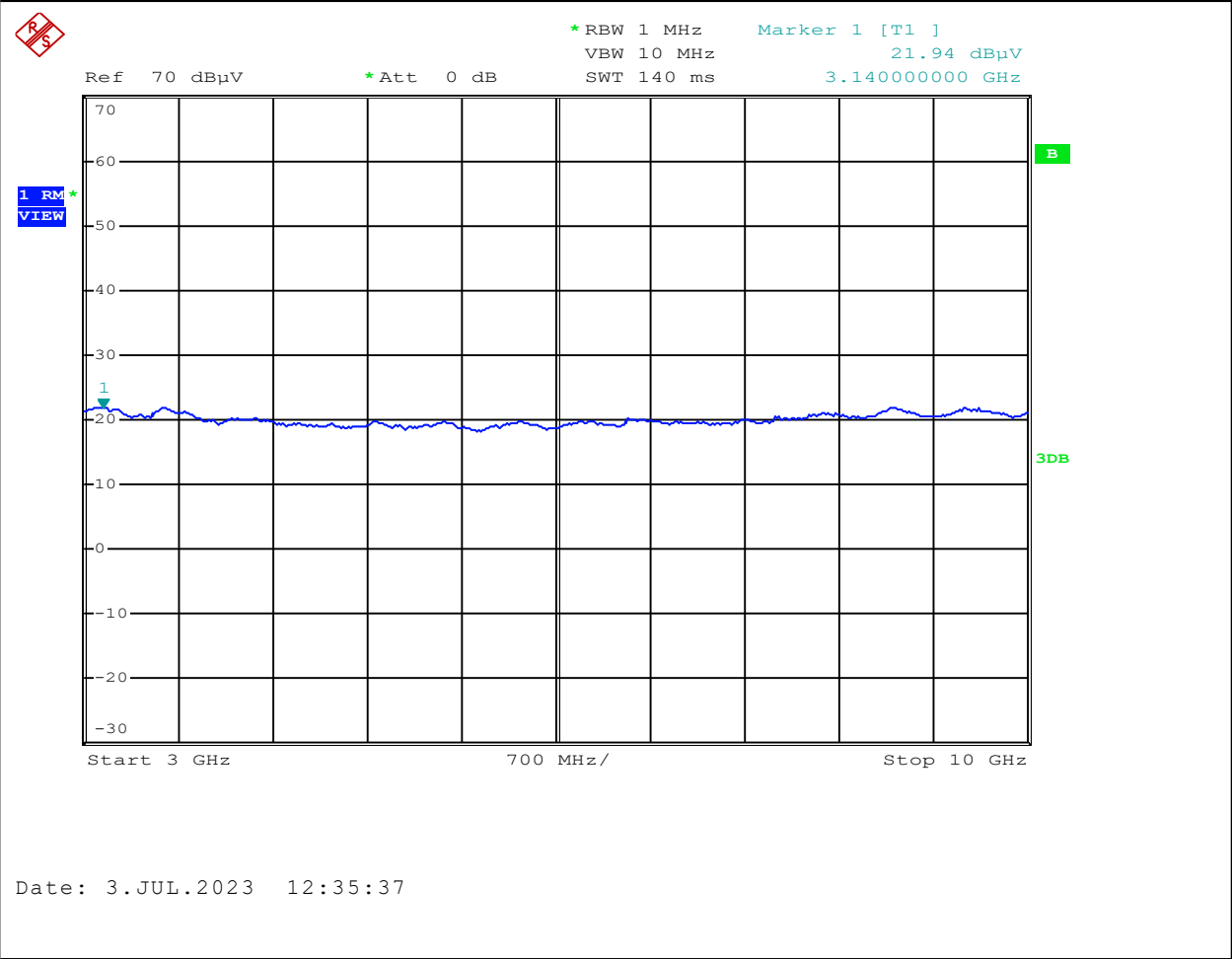
Channel Frequency: - MHz

Modulation: -

Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Channel: -

Mode: -

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: - MHz

Modulation: -

Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm