

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

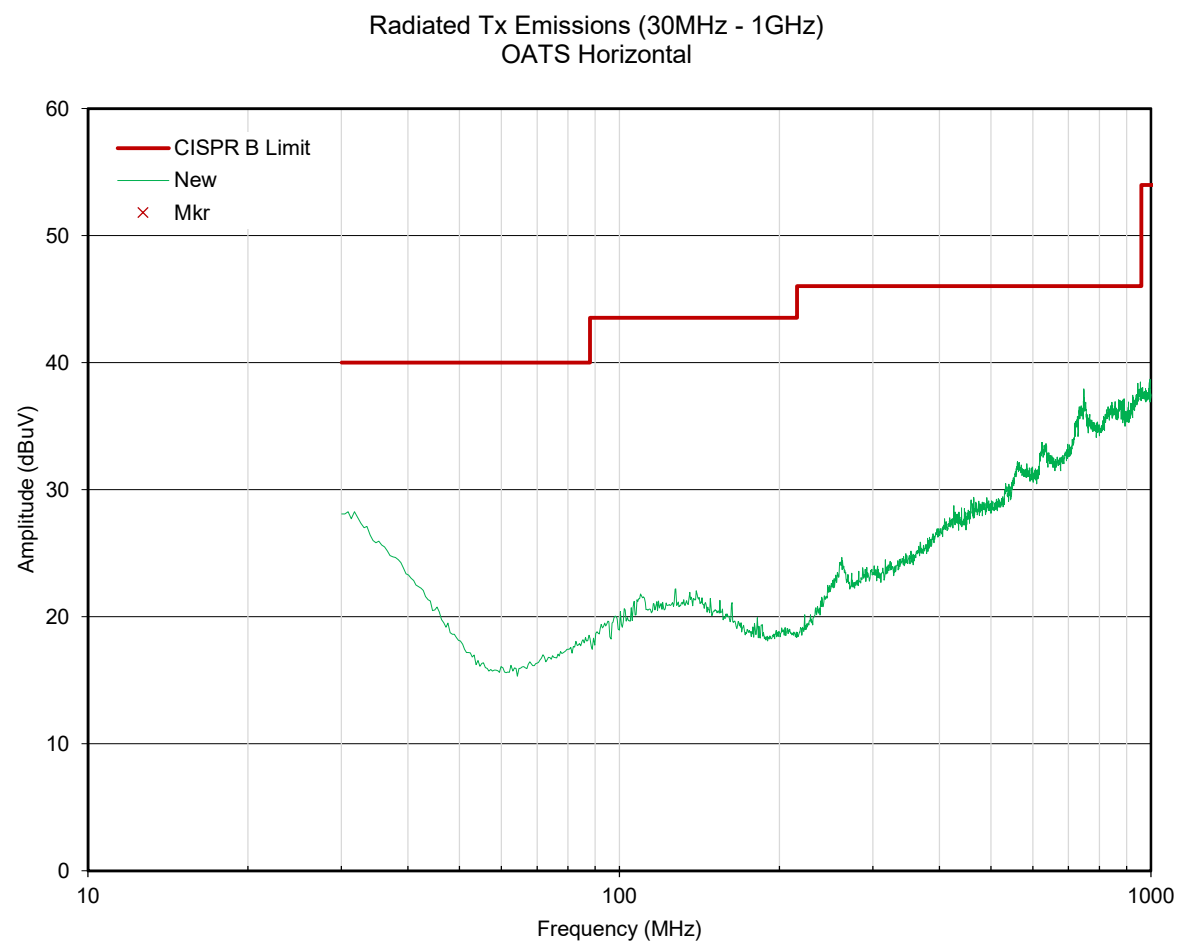
(3) External Amplifier not used

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

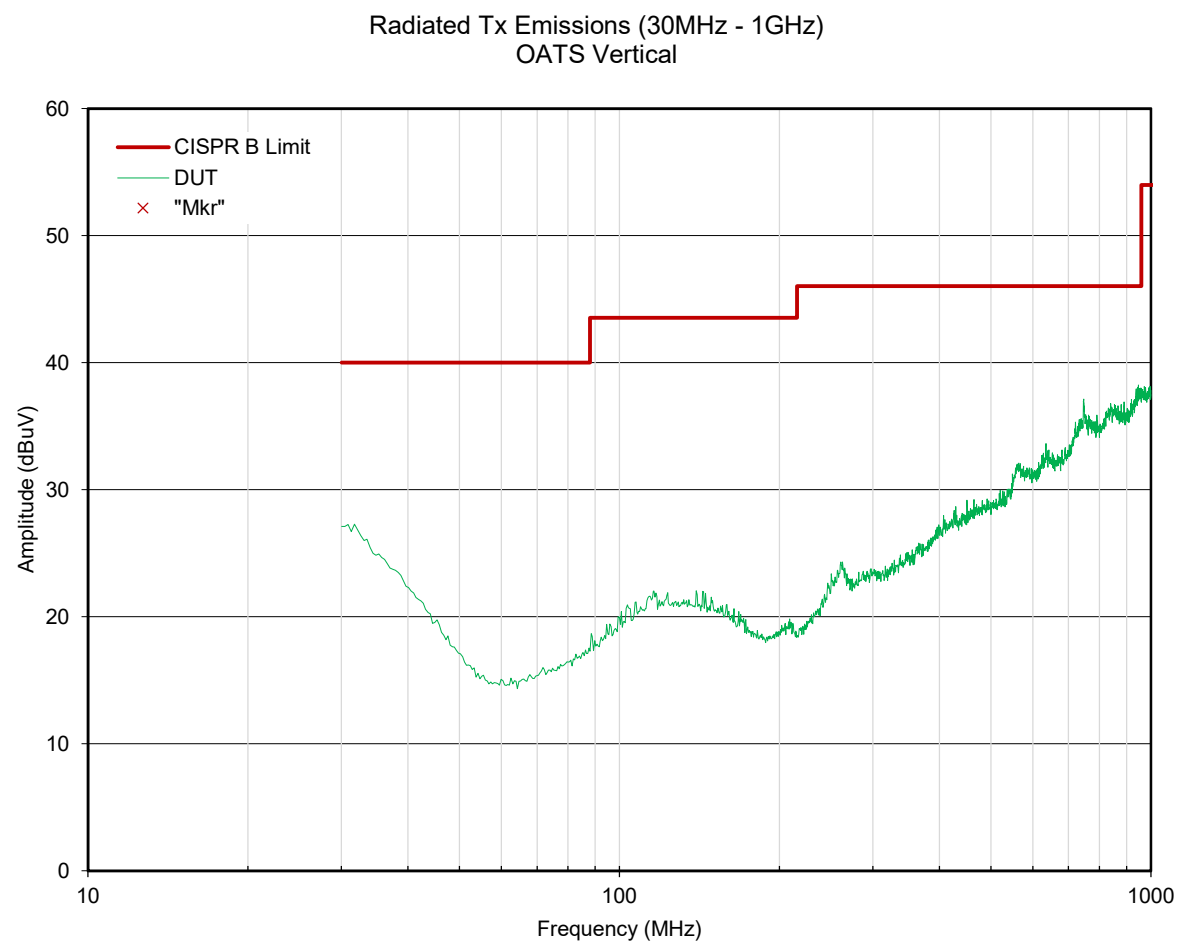
Where ACF^E is the Electric Antenna Correction Factor

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

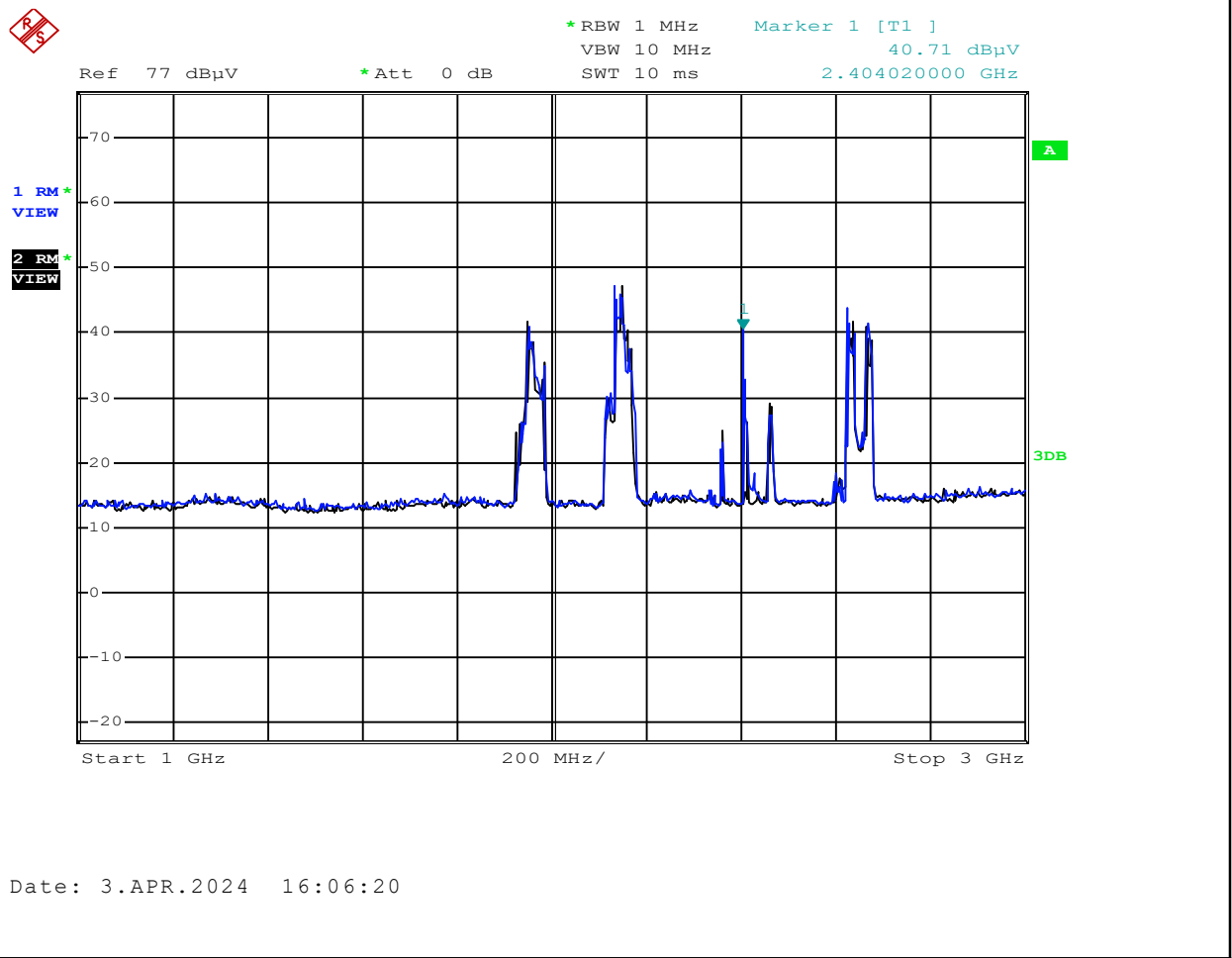
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Tx Emissions:



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

Channel: 2

Mode: BT BR

Polarization: **Horizontal**

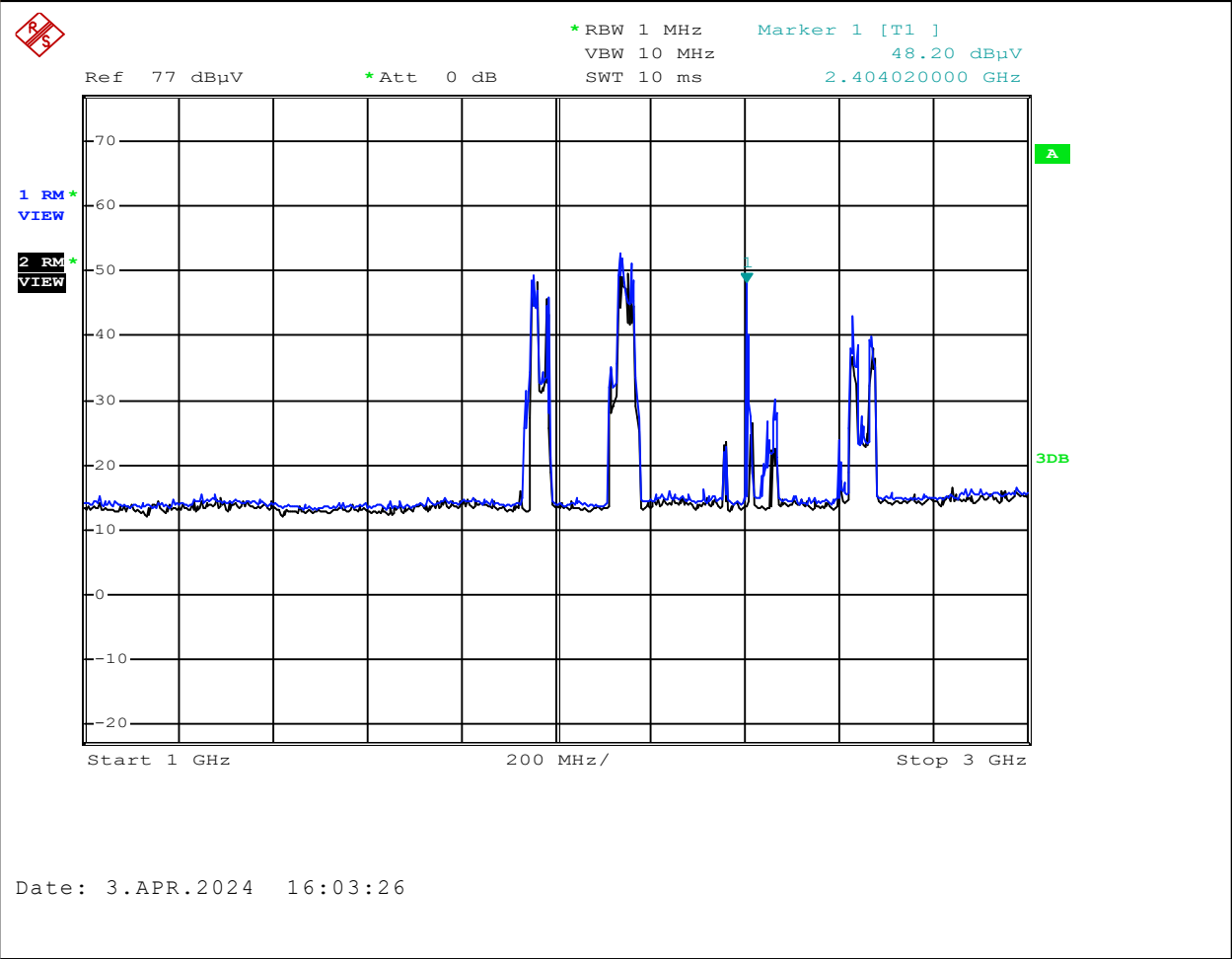
Emission Frequency: Fundamental MHz

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Channel Power: 40.71 dBuV

Radiated Tx Emissions:



Channel: 2

Mode: BT BR

Polarization: Vertical

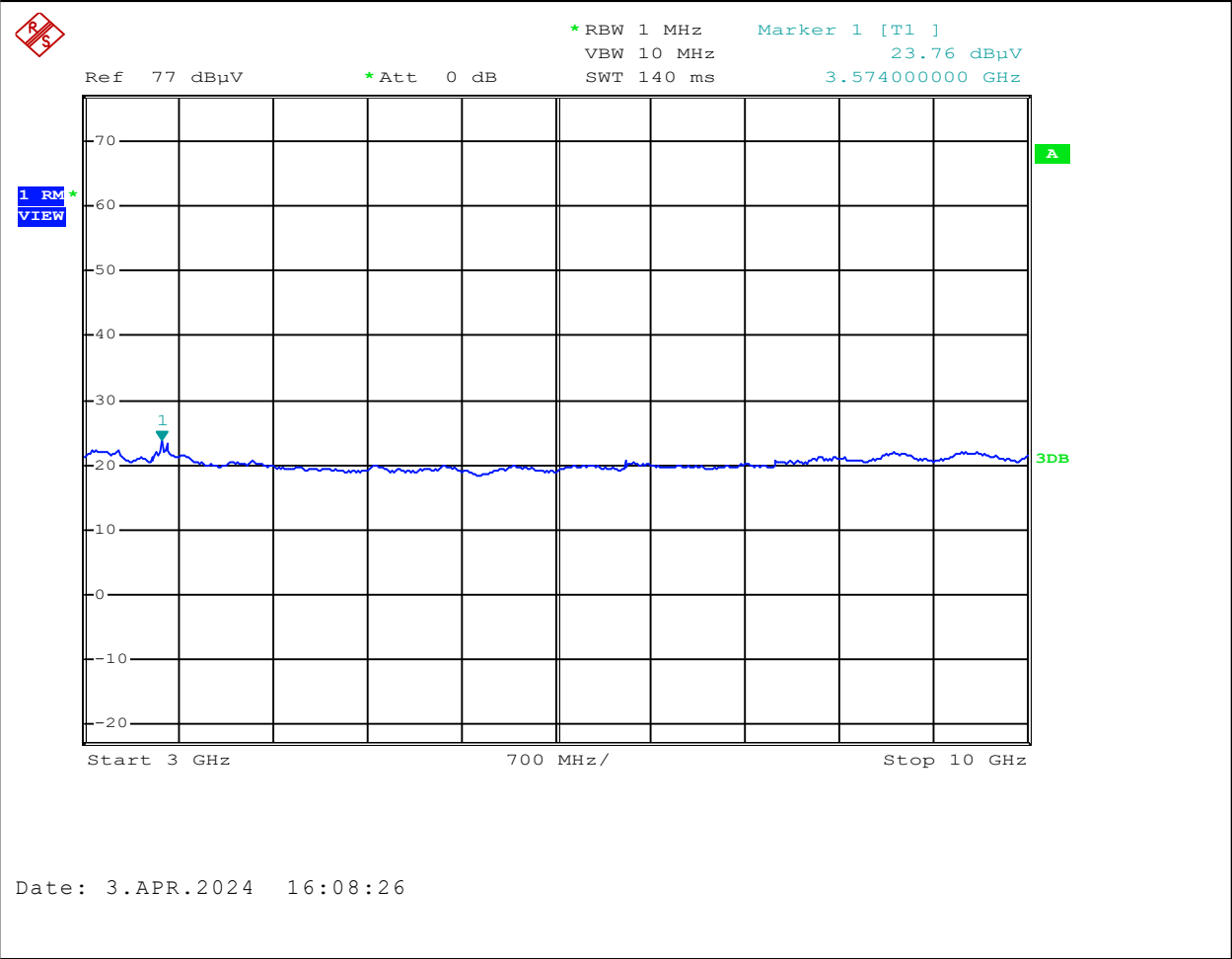
Emission Frequency: Fundamental MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Channel Power: 48.20 dBμV

Radiated Tx Emissions:



Channel: 2

Mode: BT BR

Polarization: Horizontal

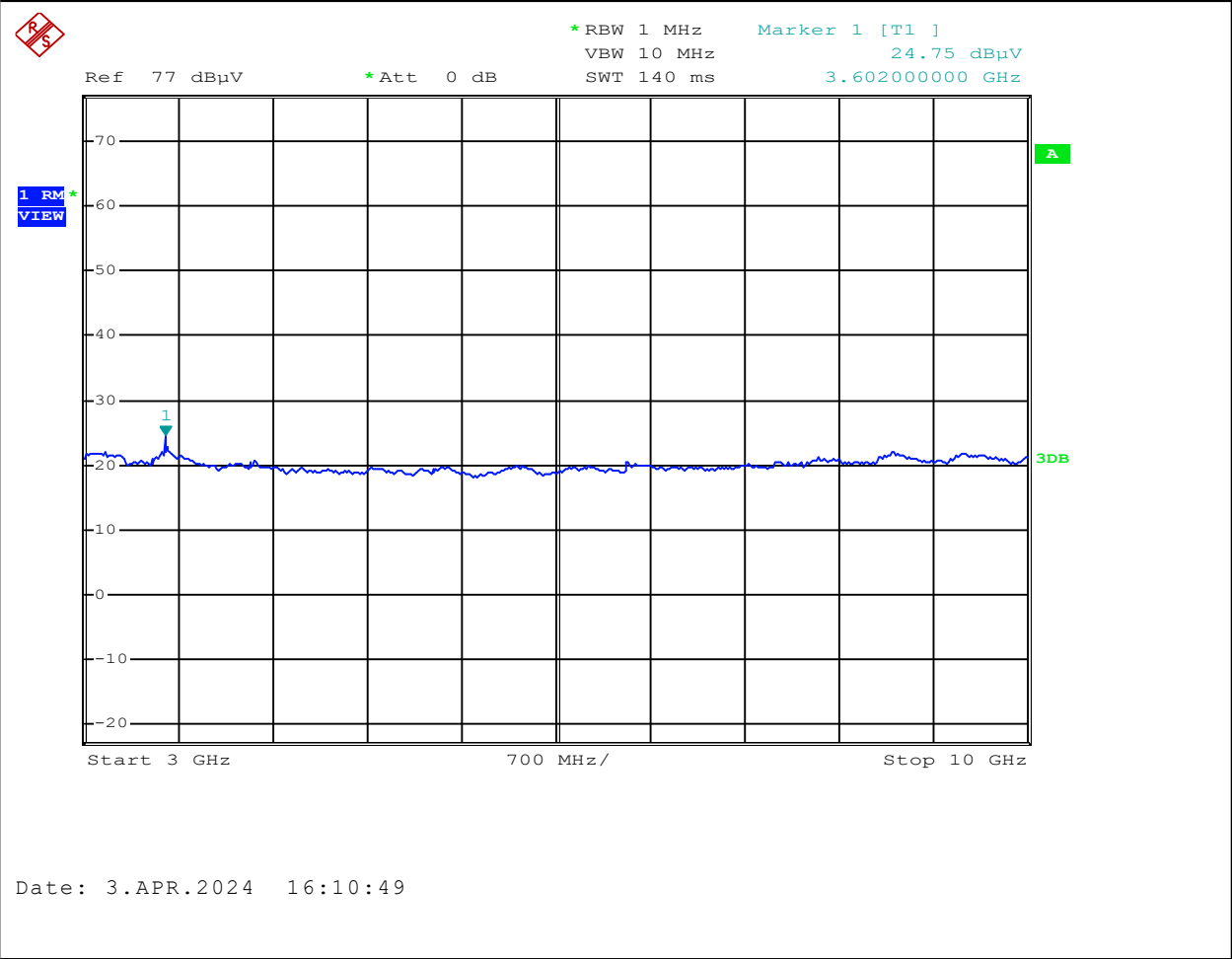
Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



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:

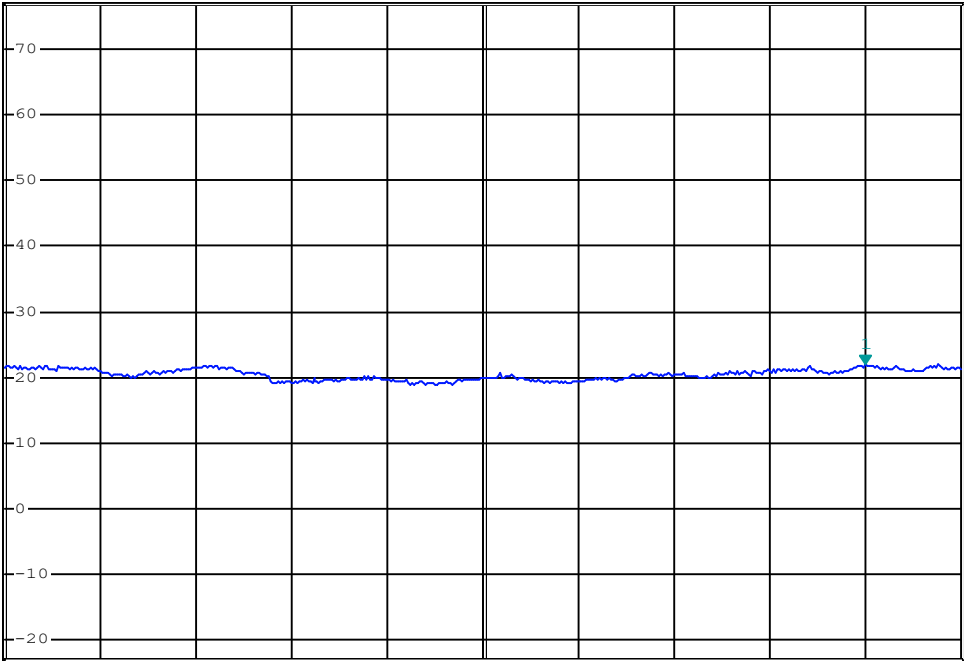


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 22.00 dBμV
SWT 75 ms 13.240000000 GHz

Ref 77 dBμV

*Att 0 dB

1 RM
VIEW



Start 10 GHz 360 MHz/ Stop 13.6 GHz

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

Channel: 2

Mode: BT BR

Polarization: Horizontal

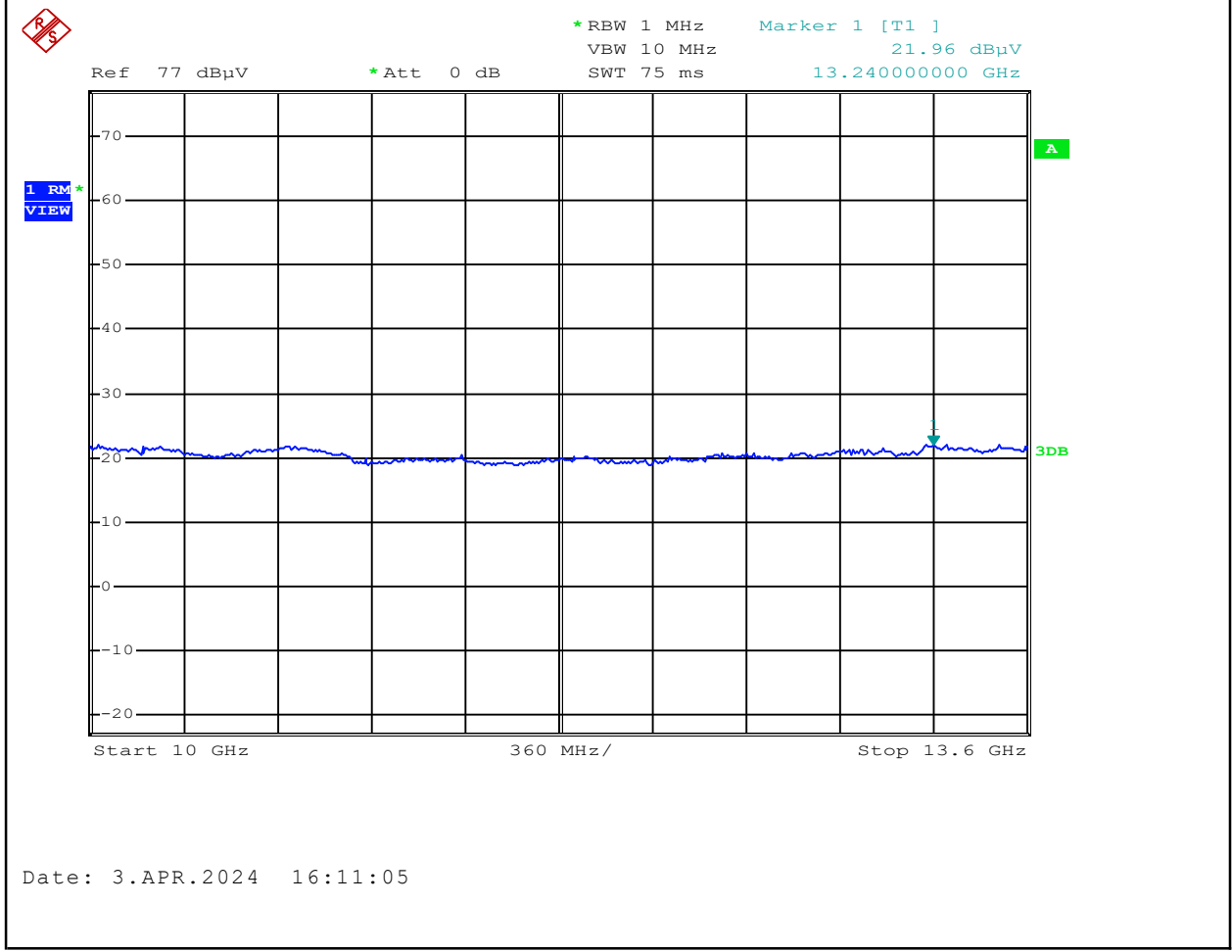
Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: ND dBμV

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
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Measured Emission Power: ND dBuV

Radiated Tx Emissions:

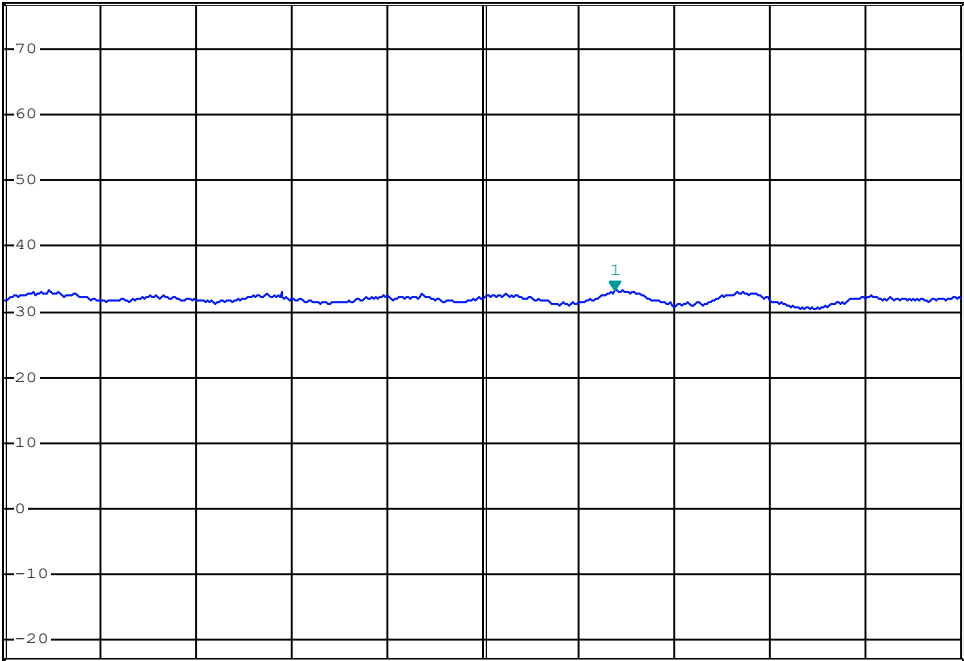


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.26 dBμV
SWT 90 ms 16.407200000 GHz

Ref 77 dBμV

*Att 0 dB

1 RM
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

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:

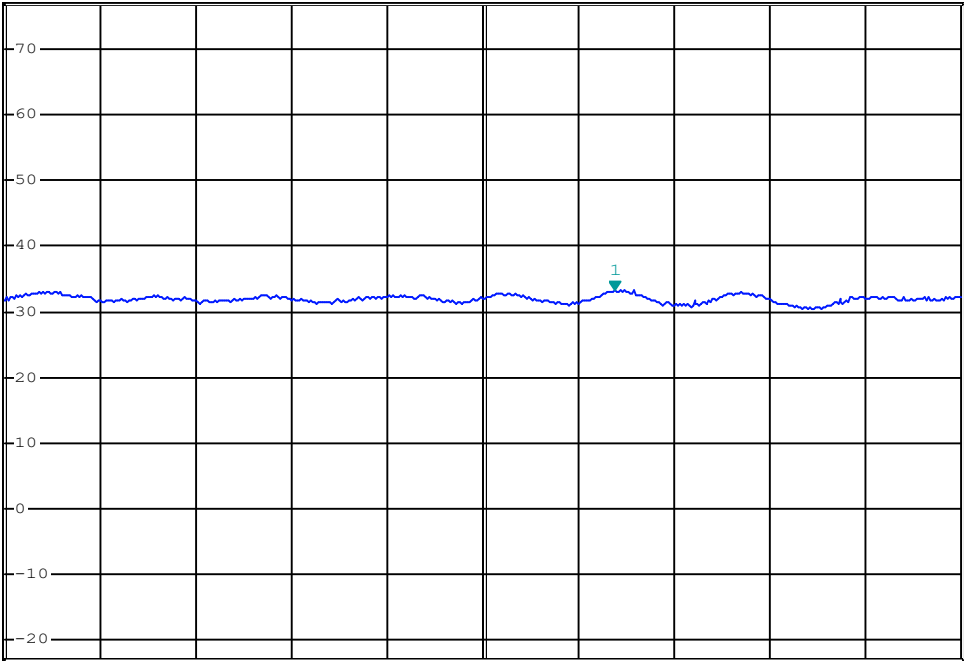


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.36 dBμV
SWT 90 ms 16.407200000 GHz

Ref 77 dBμV

*Att 0 dB

1 RM
VIEW



A

3DB

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)
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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	

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

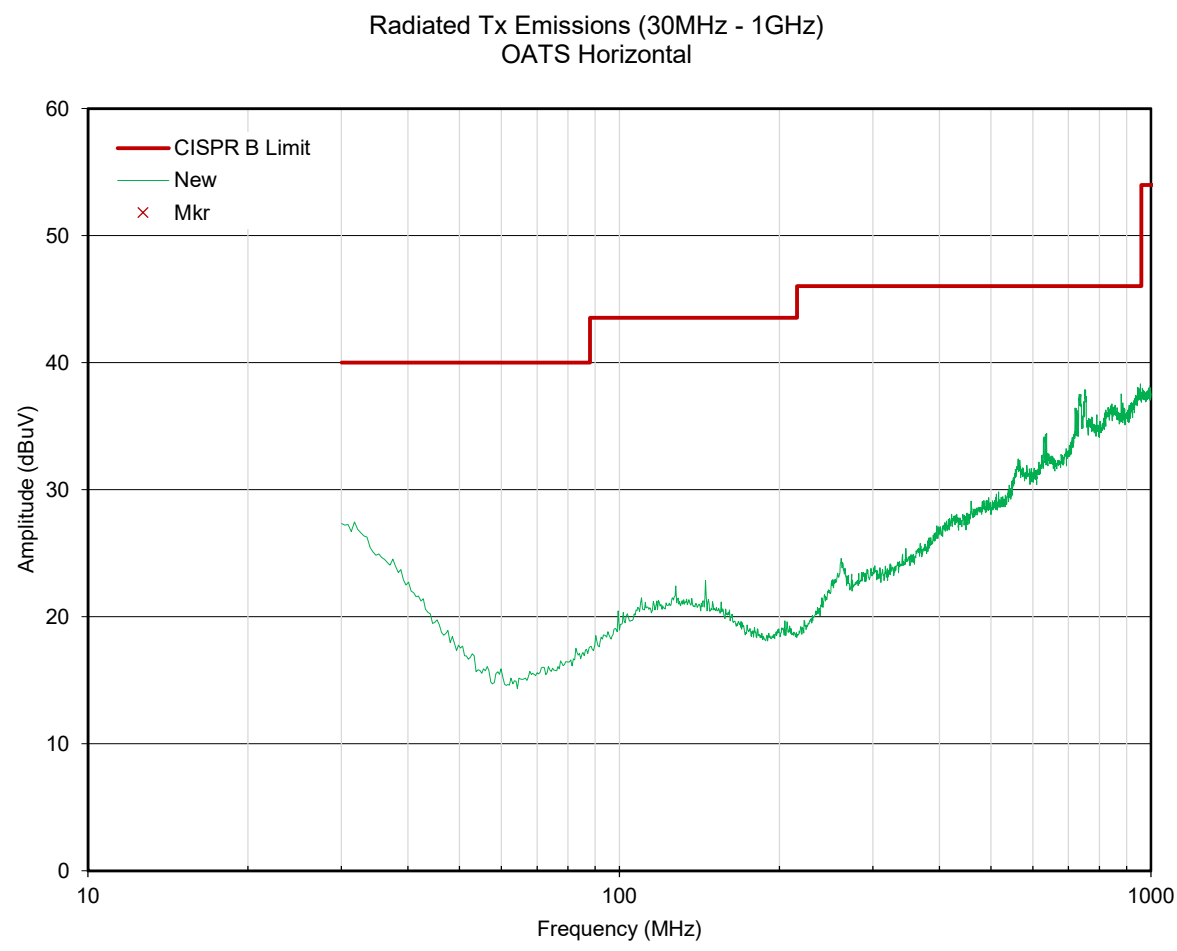
(3) External Amplifier not used

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

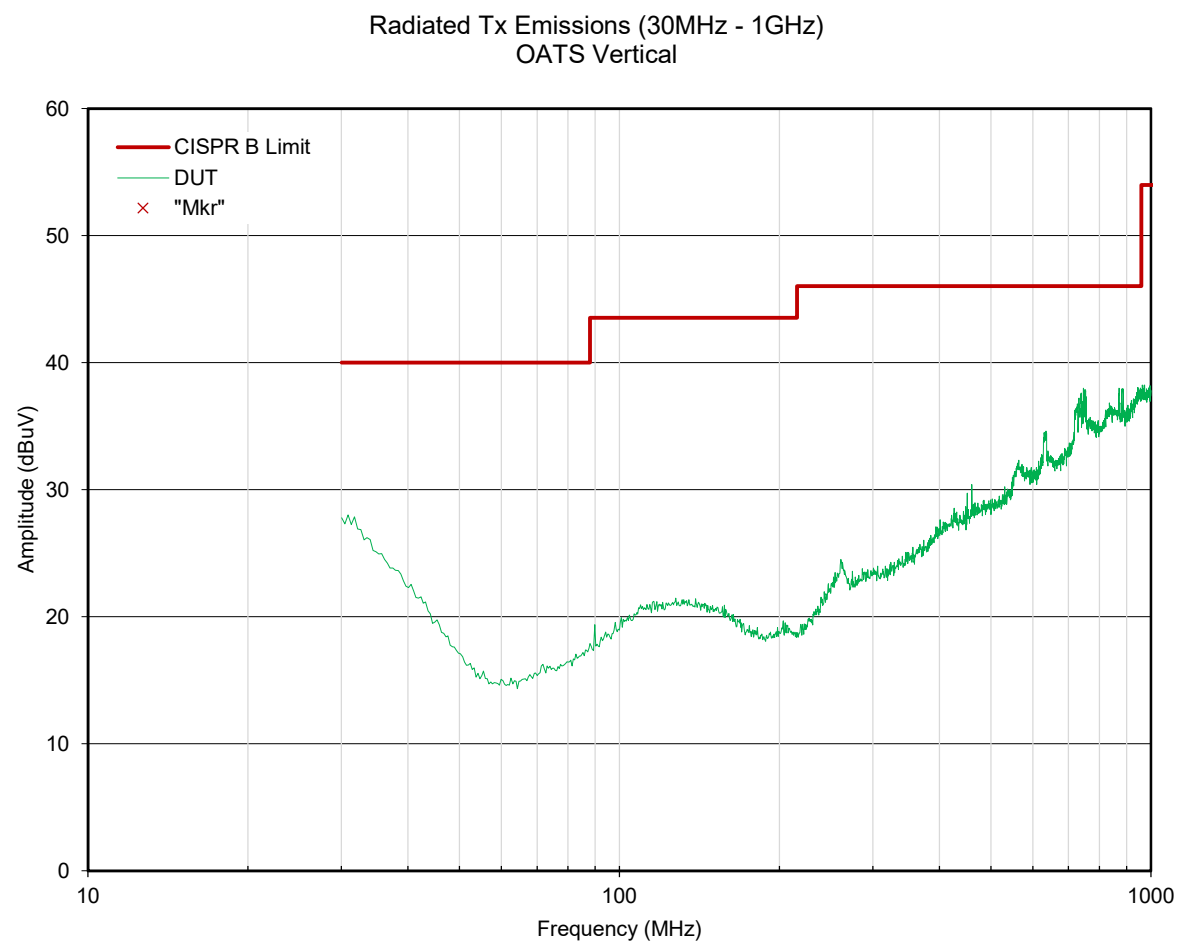
Where ACF^E is the Electric Antenna Correction Factor

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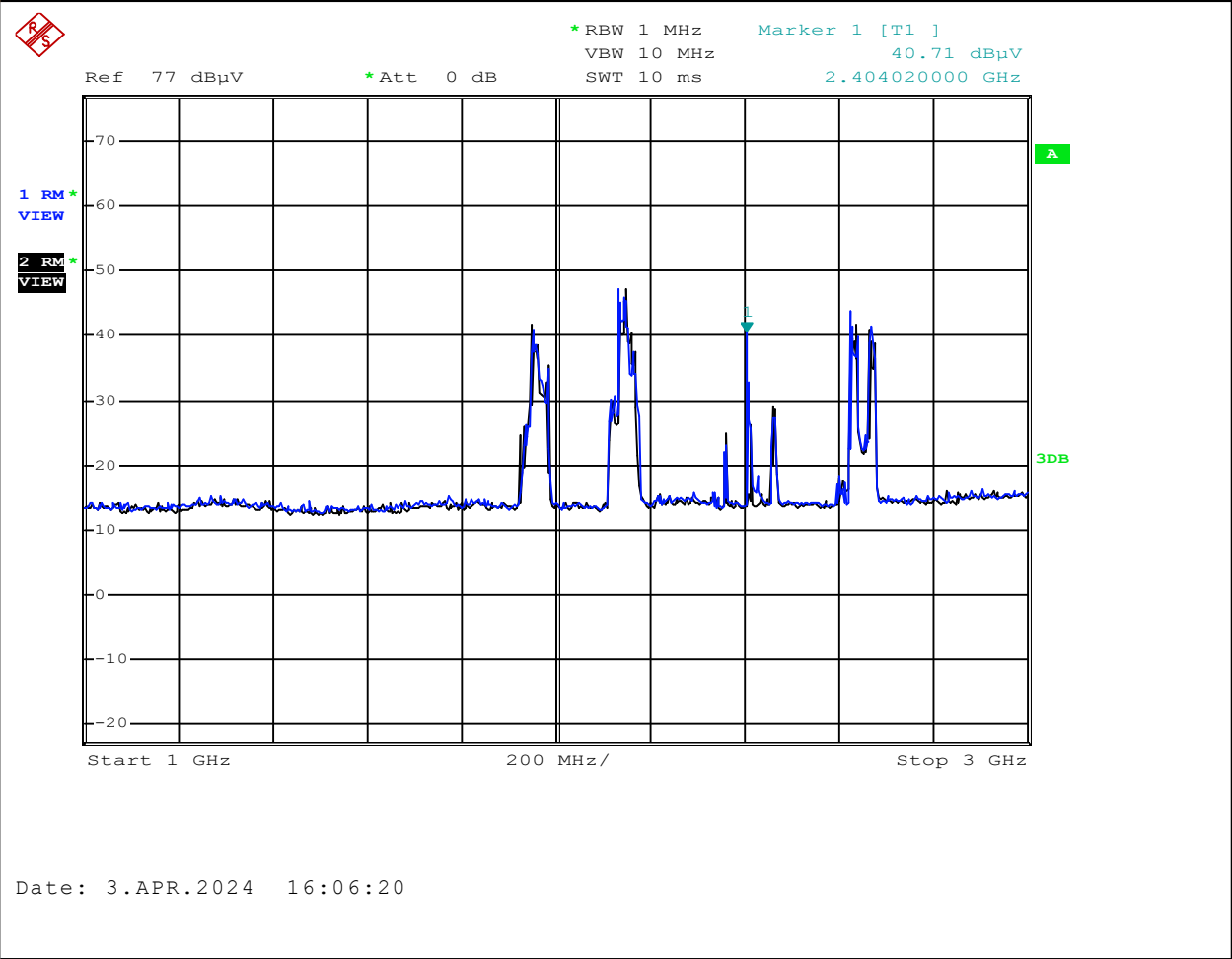
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Tx Emissions:



Channel: 2

Mode: BT BR

Polarization: Horizontal

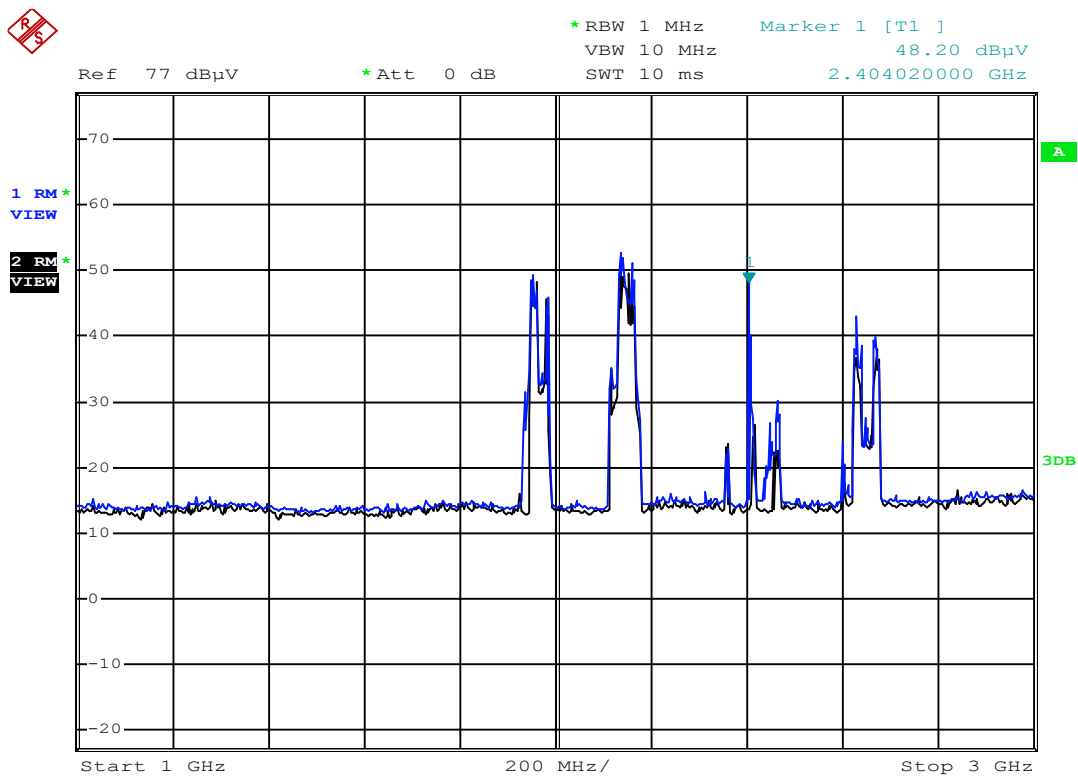
Emission Frequency: Fundamental MHz

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**

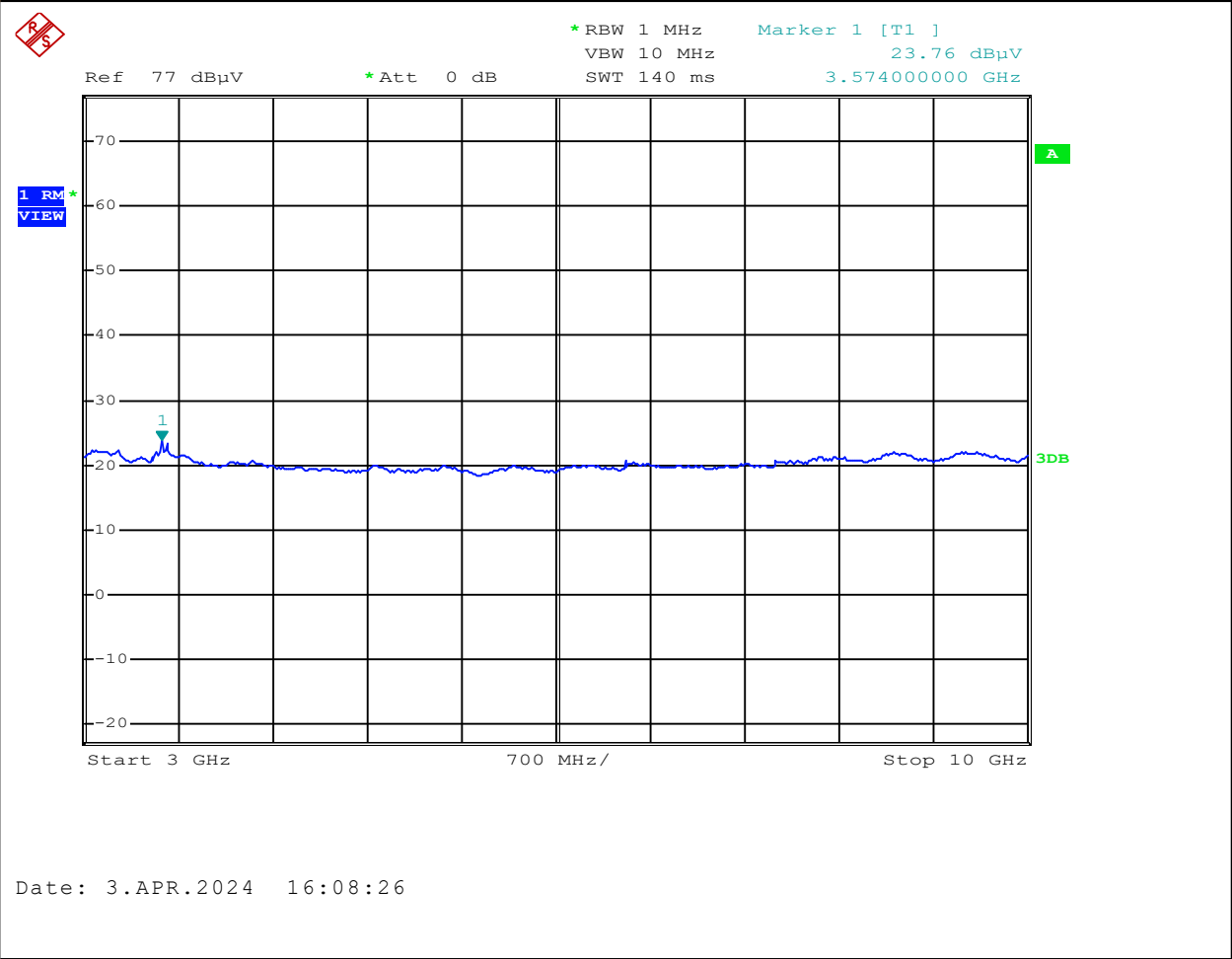
Emission Frequency: Fundamental MHz

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Channel Power: 48.20 dBuV

Radiated Tx Emissions:



Channel: 2

Mode: BT BR

Polarization: Horizontal

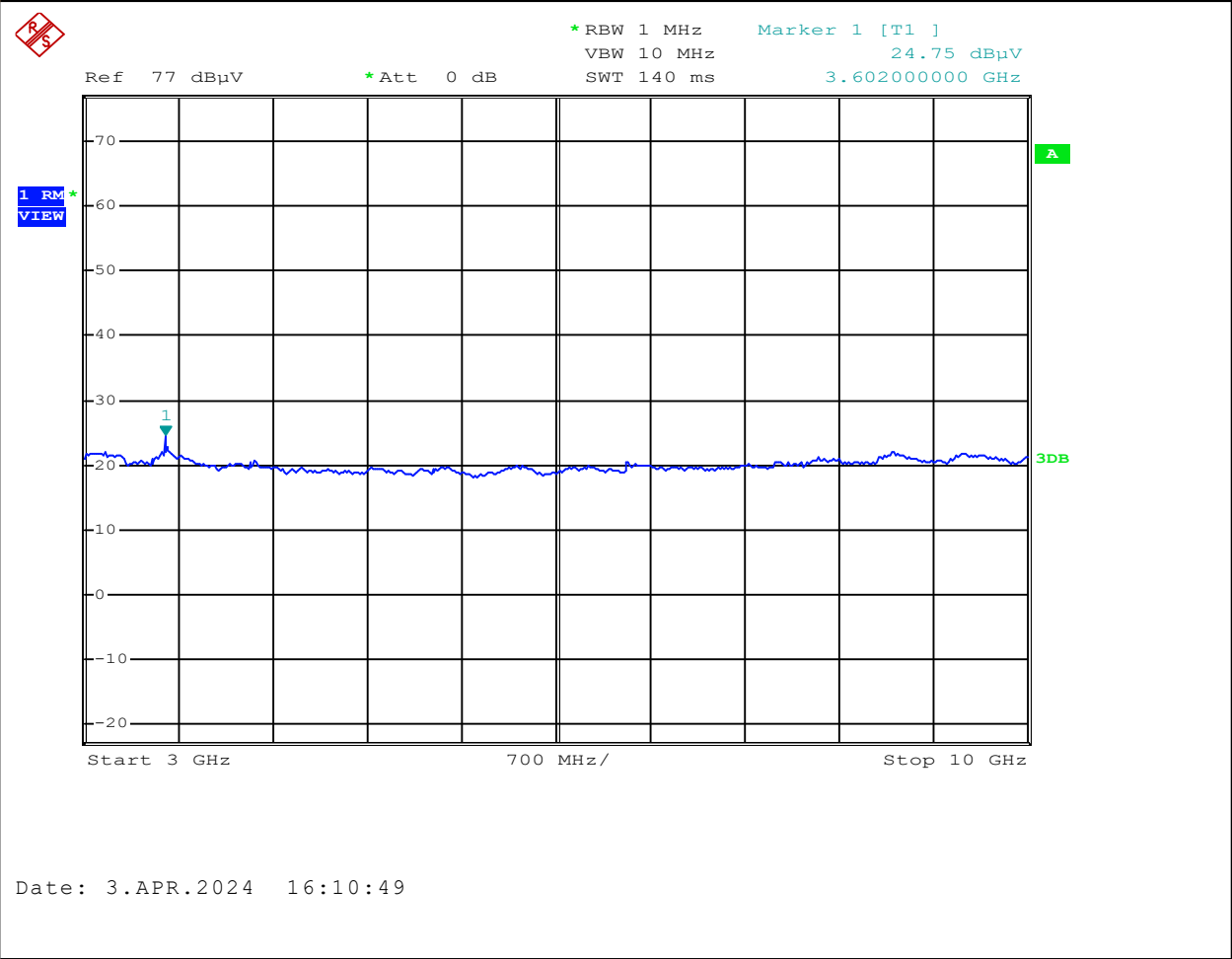
Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

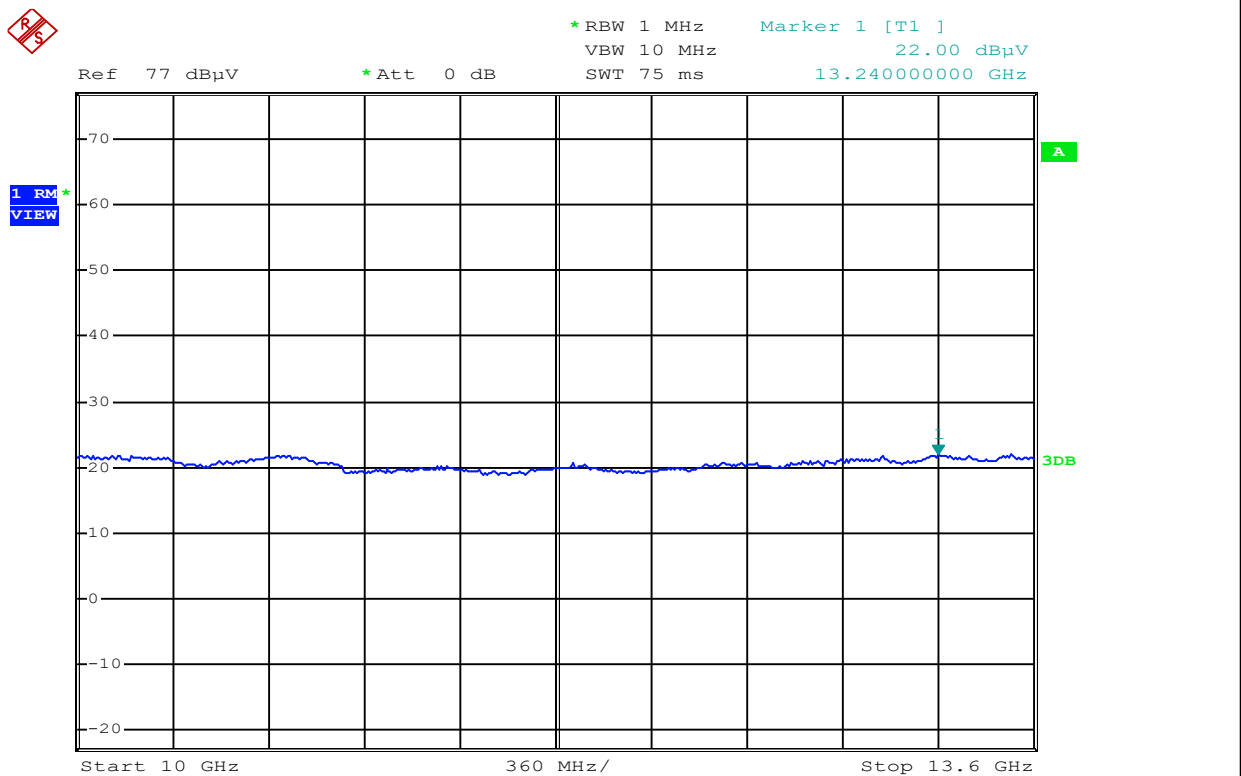
Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



Radiated Tx Emissions:



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

Channel: 2

Mode: BT BR

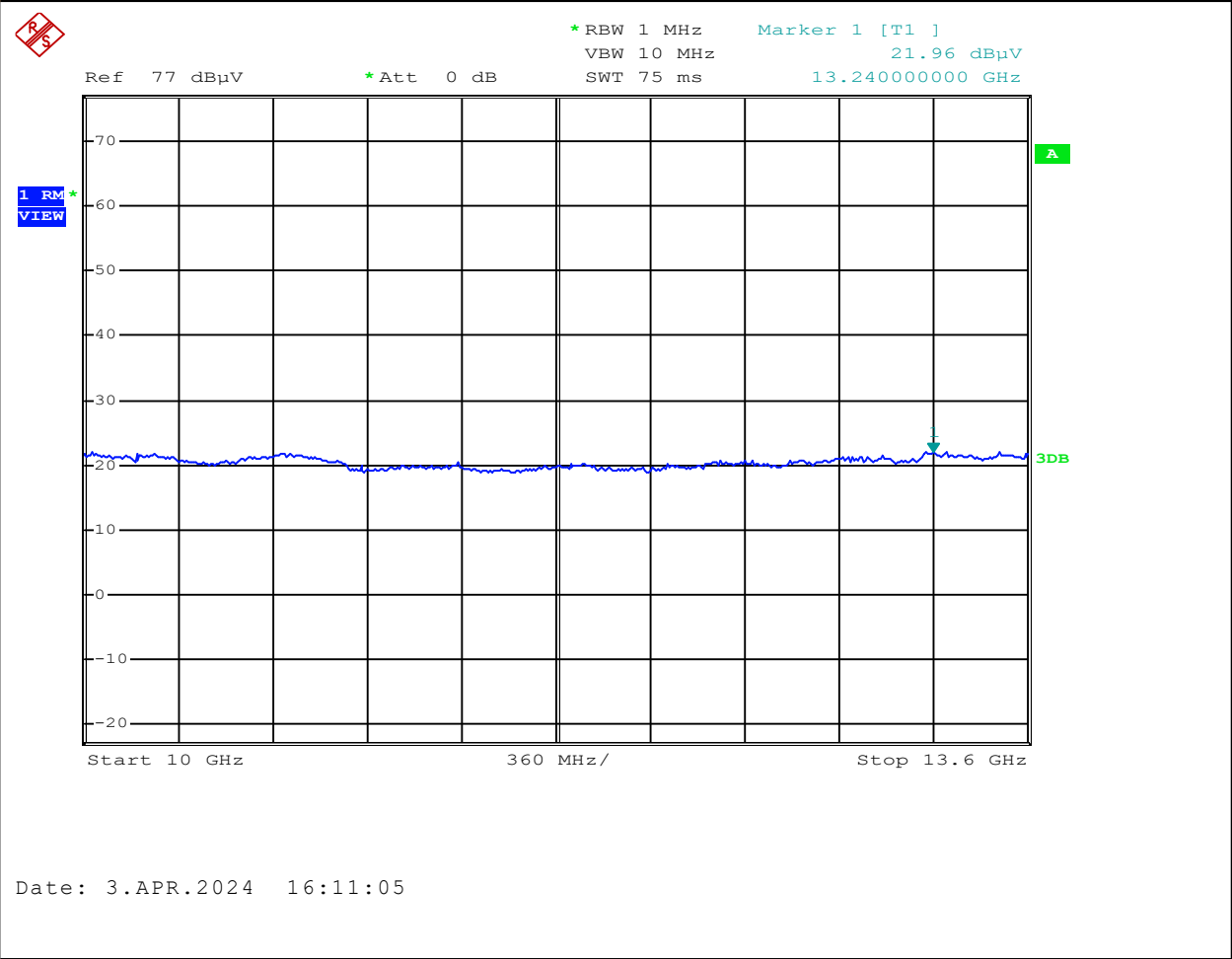
Polarization: HorizontalEmission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



Channel: 2

Mode: BT BR

Polarization: Vertical

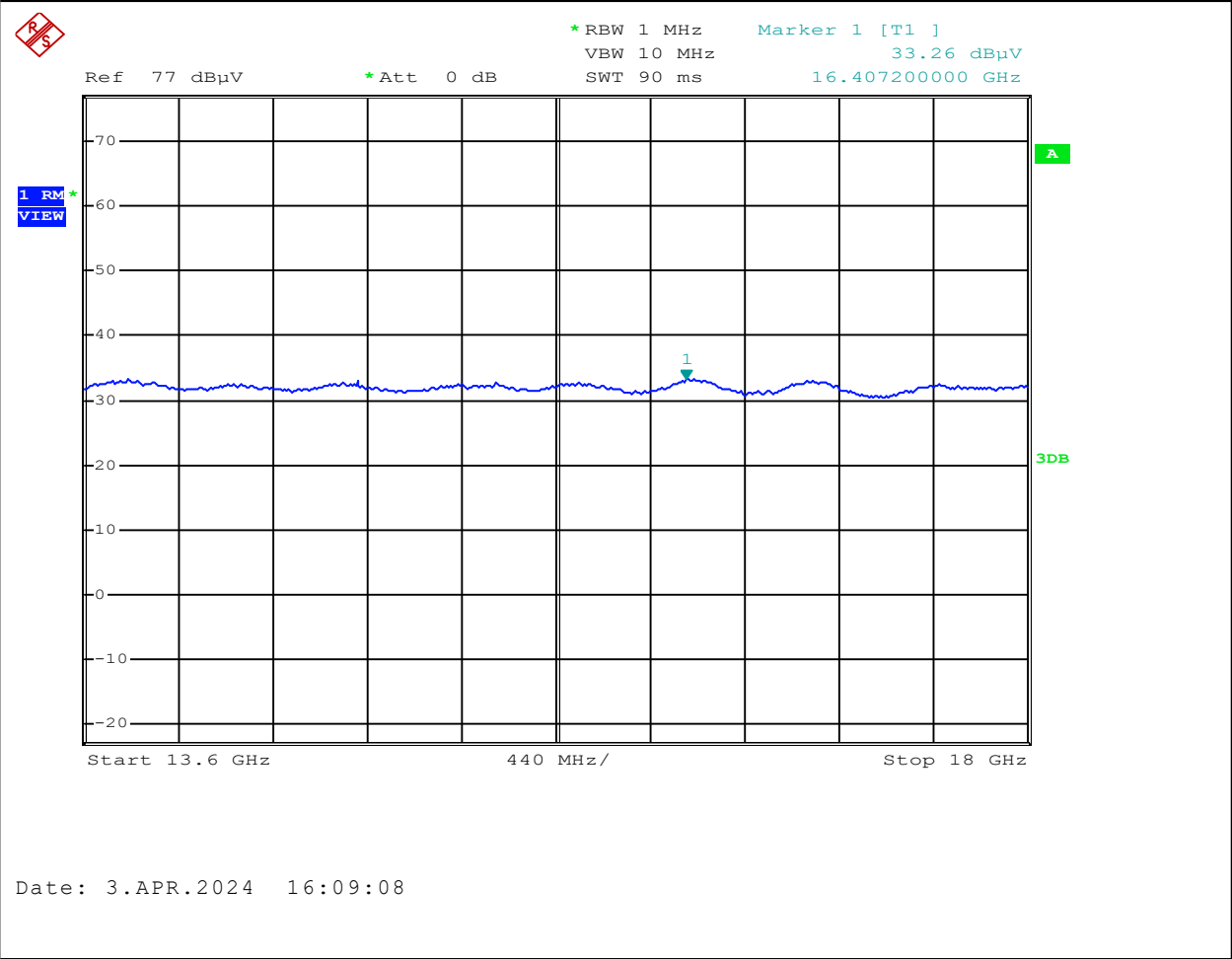
Emission Frequency: ND MHz

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Emission Power: ND dBμV

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:

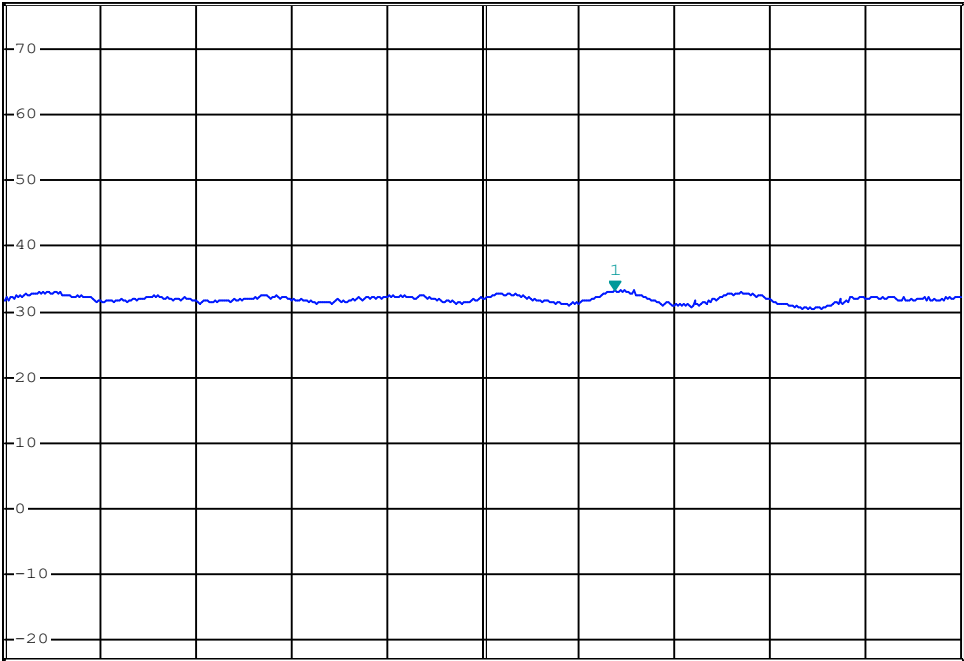


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Start 13.6 GHz 440 MHz/ Stop 18 GHz

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