

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	

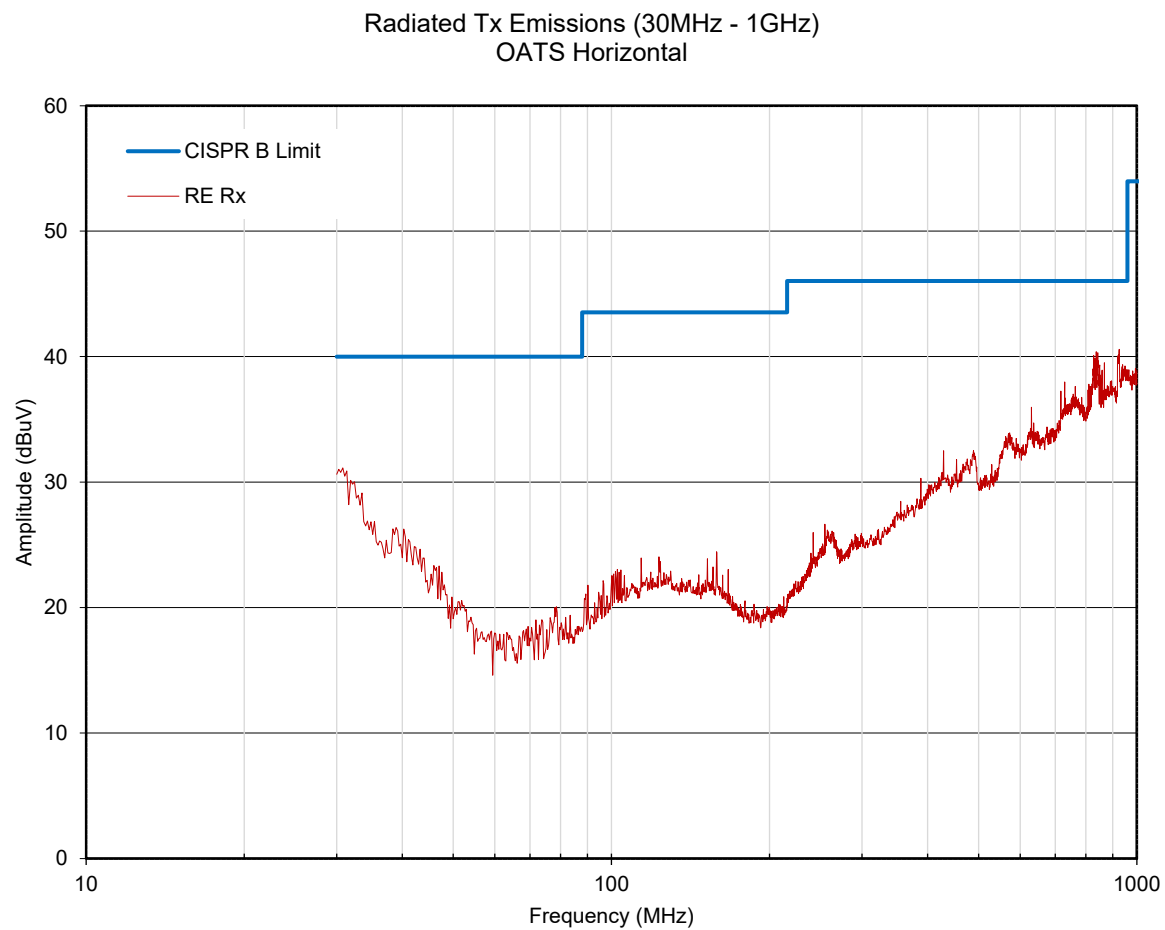
(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

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

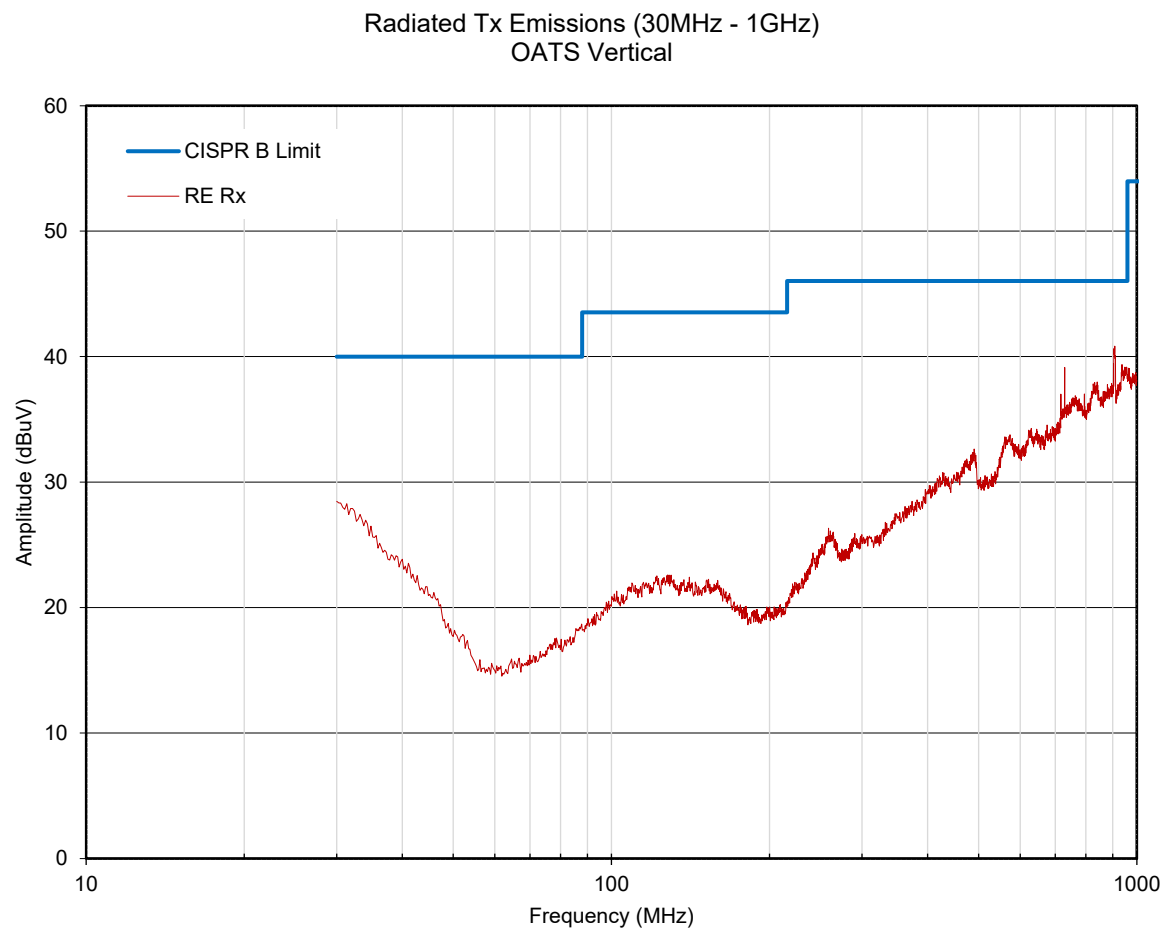
(3) External Amplifier not used

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

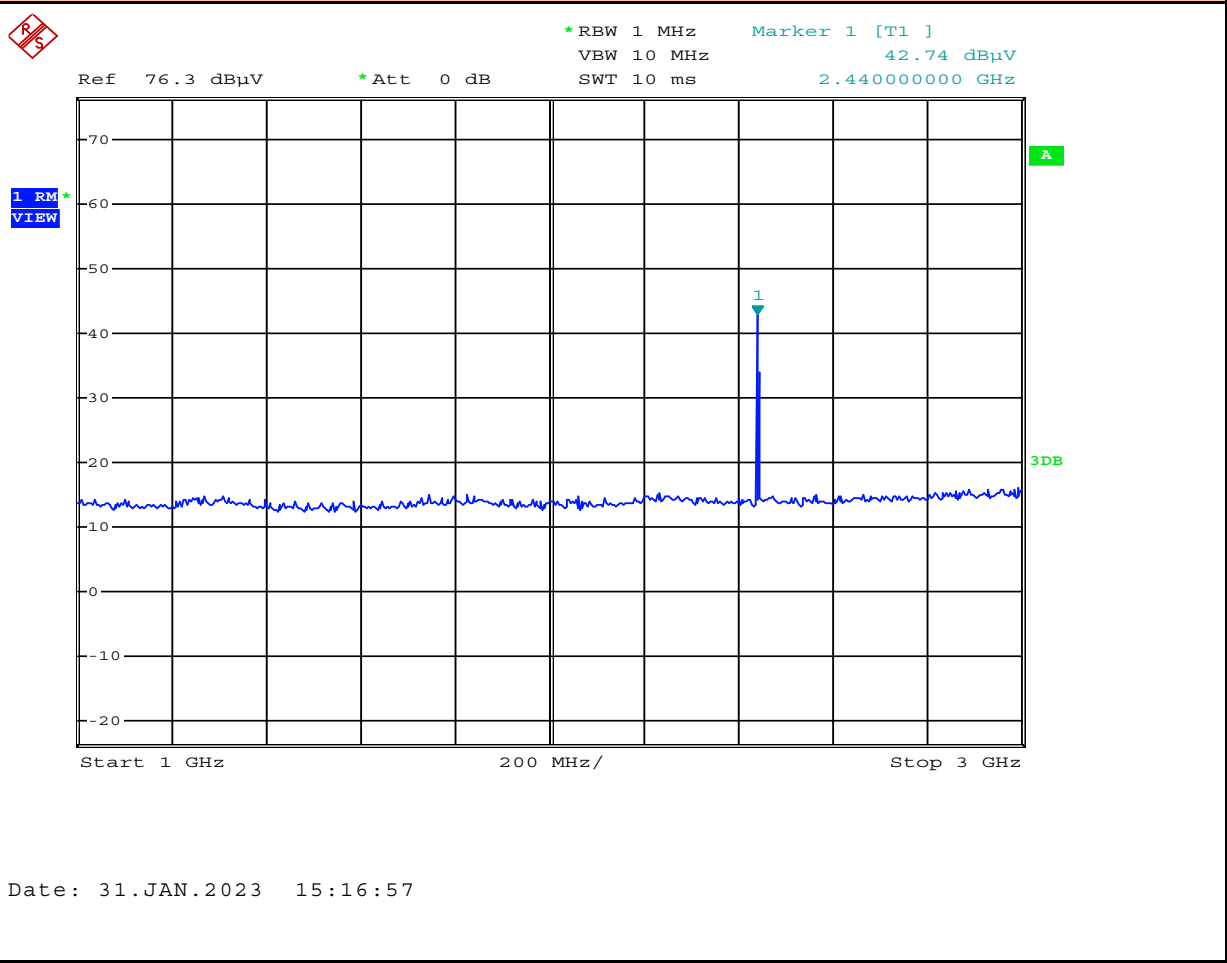
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Tx Emissions:



Channel: 38

Mode: BT BR

Polarization: Horizontal

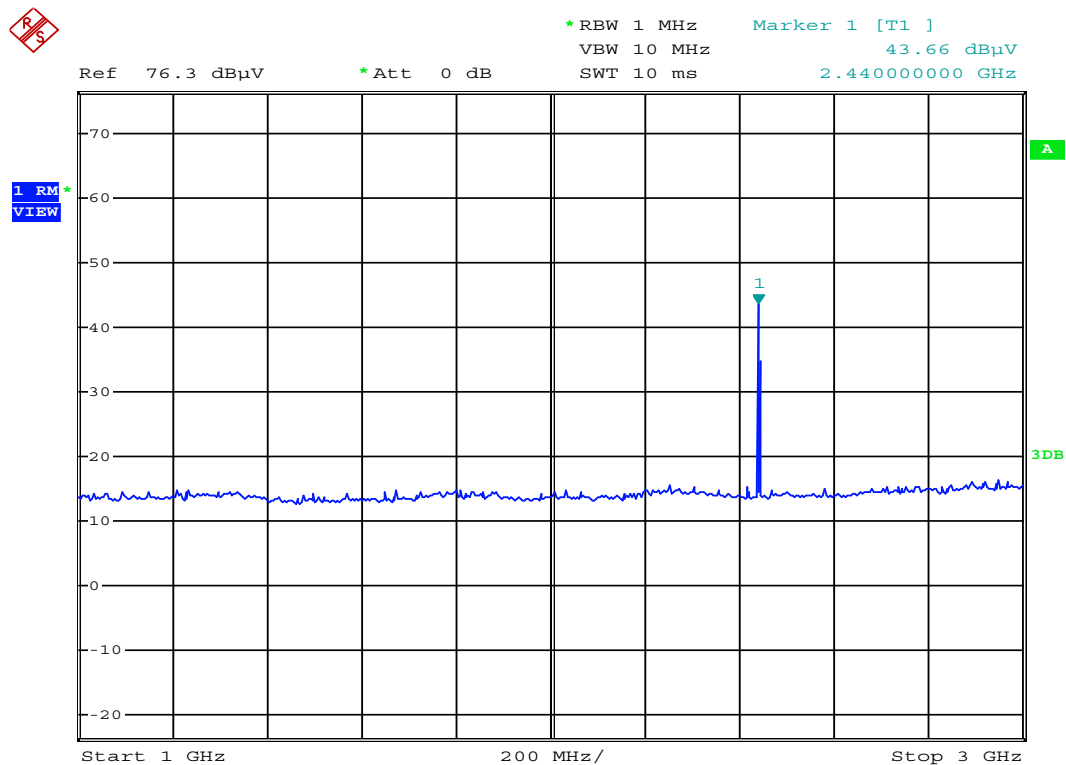
Marker 1 = Fundamental

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission: ND dBm

Radiated Tx Emissions:



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

Channel: 38

Mode: BT BR

Polarization: Vertical

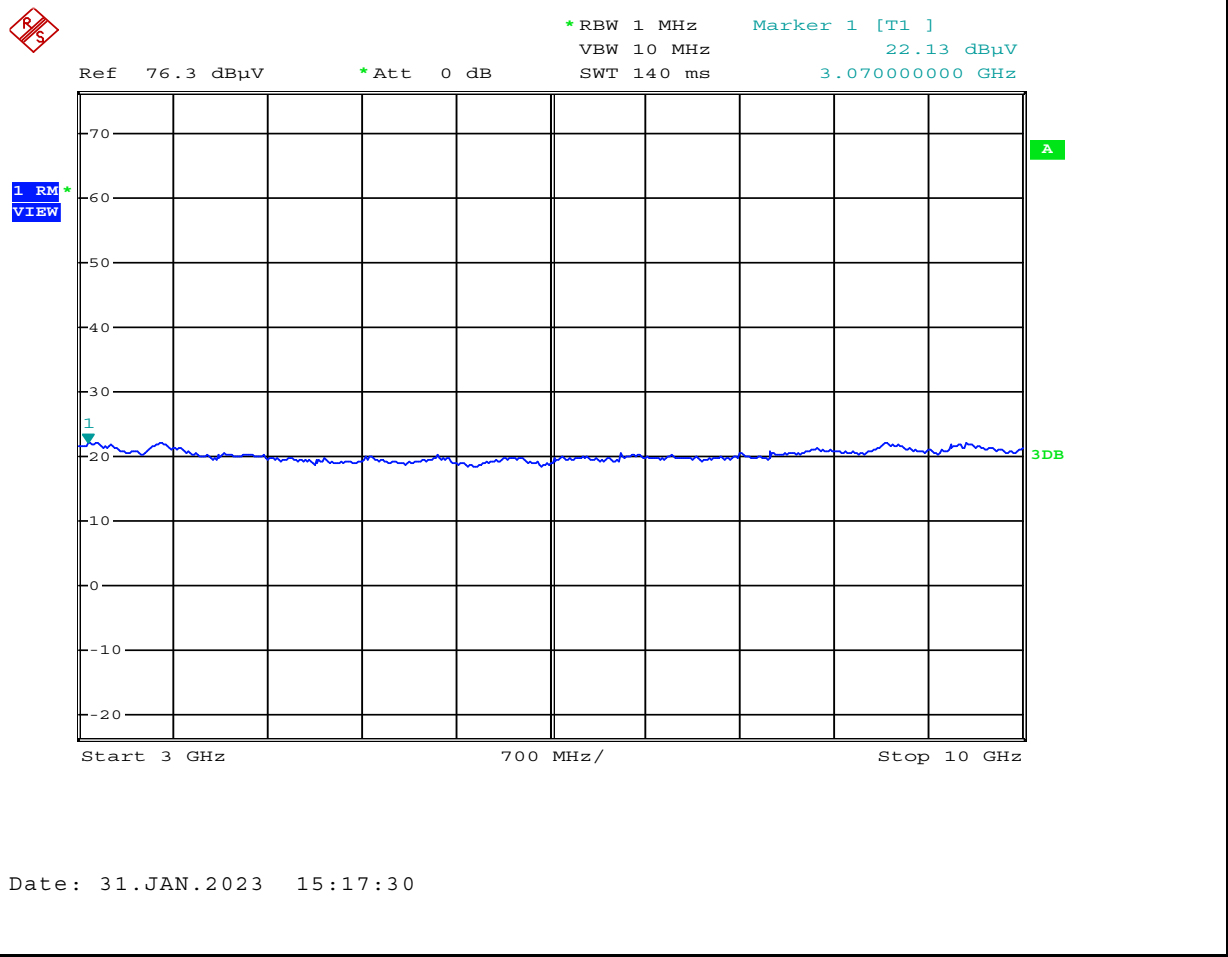
Marker 1 = Fundamental

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission: ND dBm

Radiated Tx Emissions:

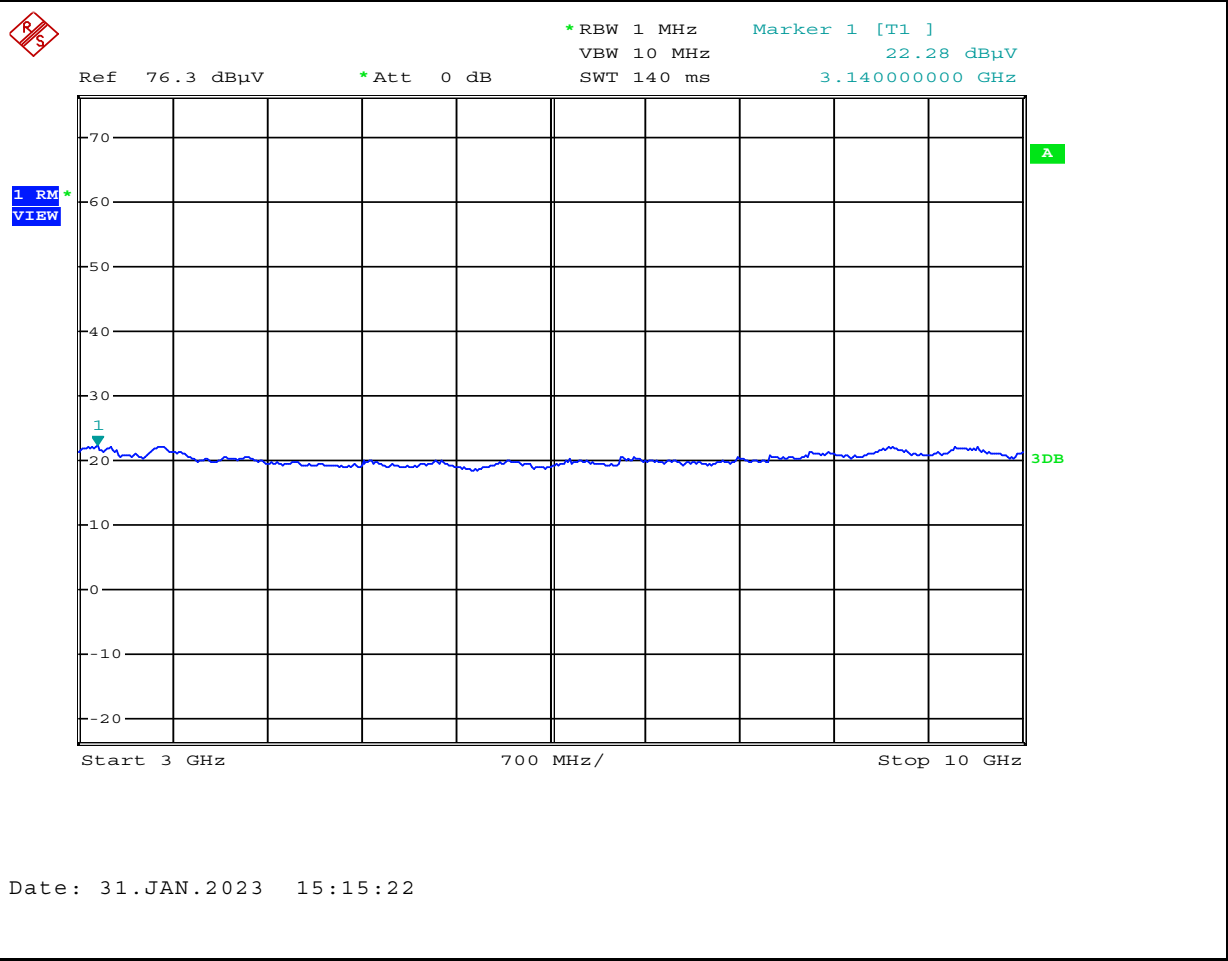


Date: 31.JAN.2023 15:17:30

Channel:	38
Mode:	BT BR
Polarization:	Horizontal

Channel Frequency:	2440	MHz
Modulation:	GFSK	
Measured Emission:	ND	dBm

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

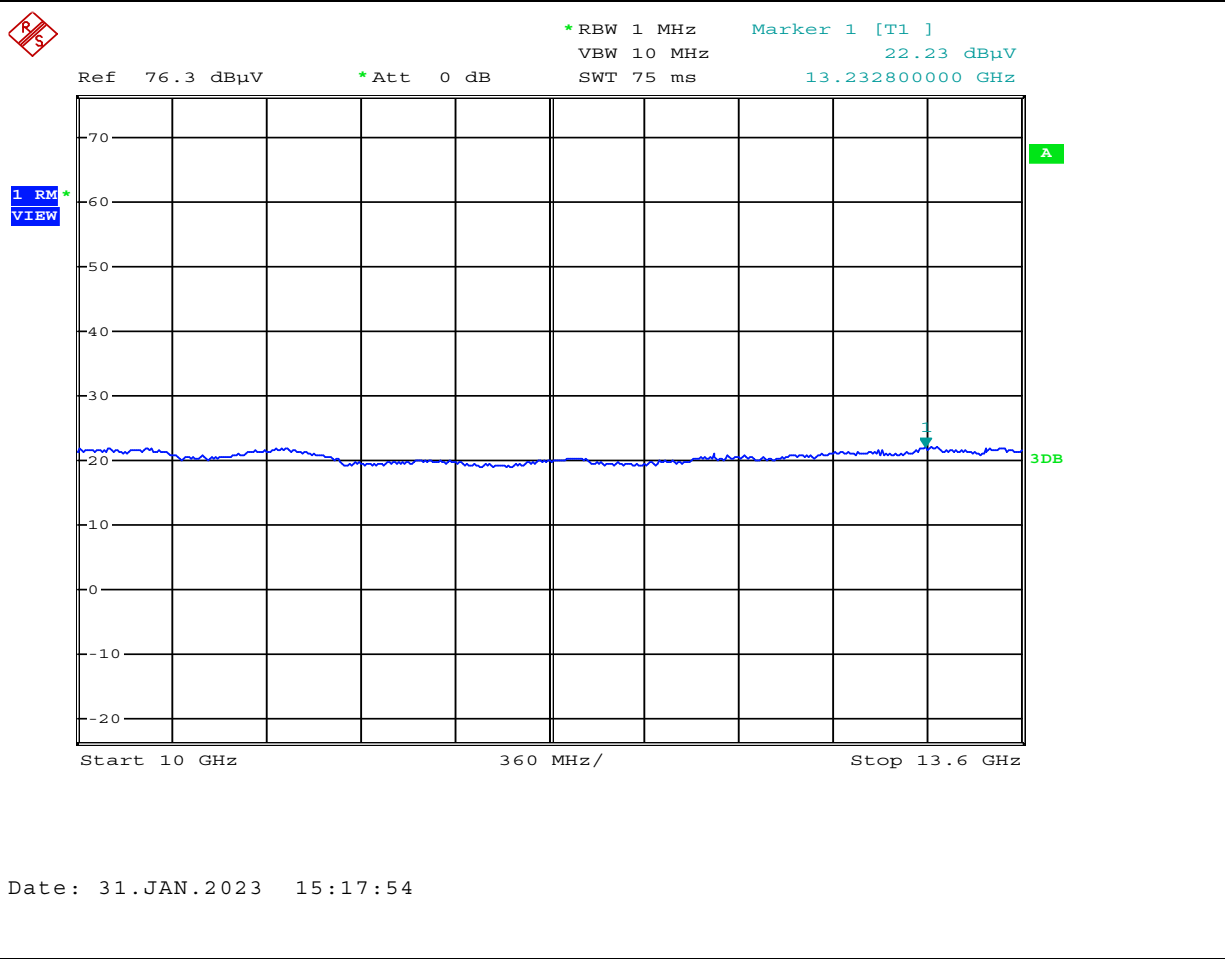
Polarization: Vertical

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission: ND dBm

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

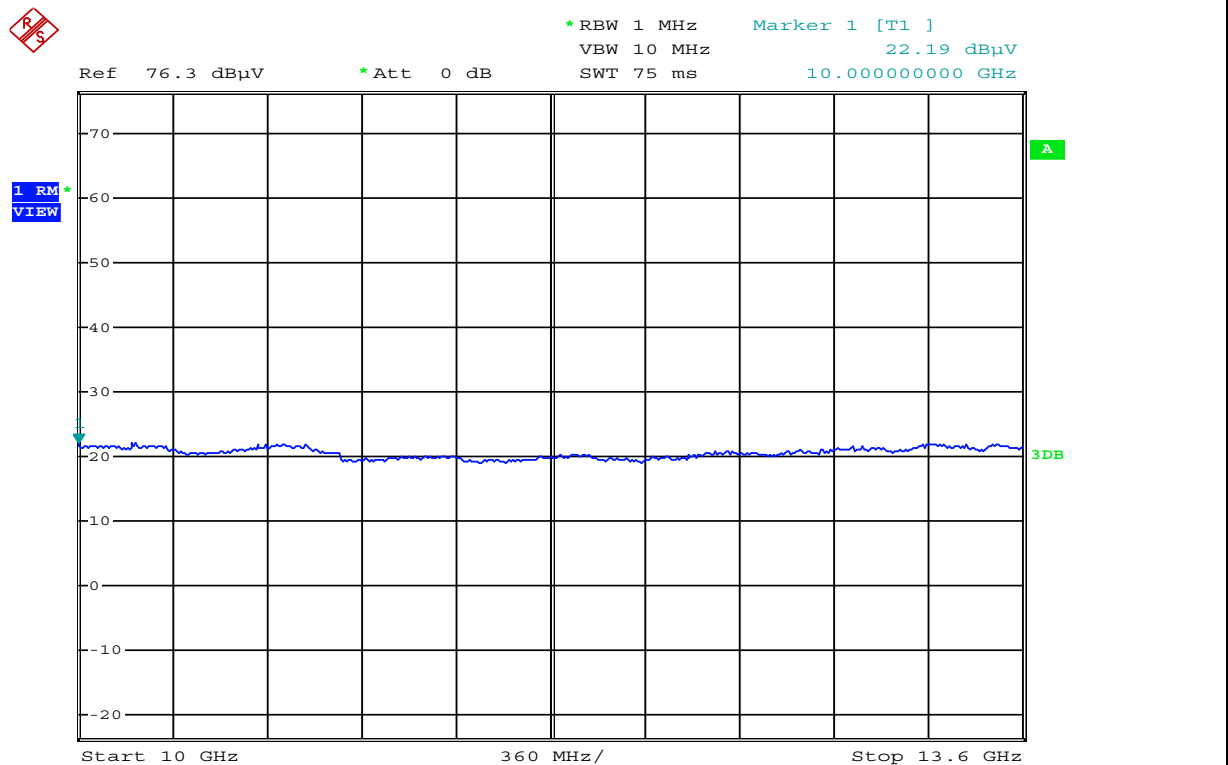
Polarization: Horizontal

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission: ND dBm

Radiated Tx Emissions:

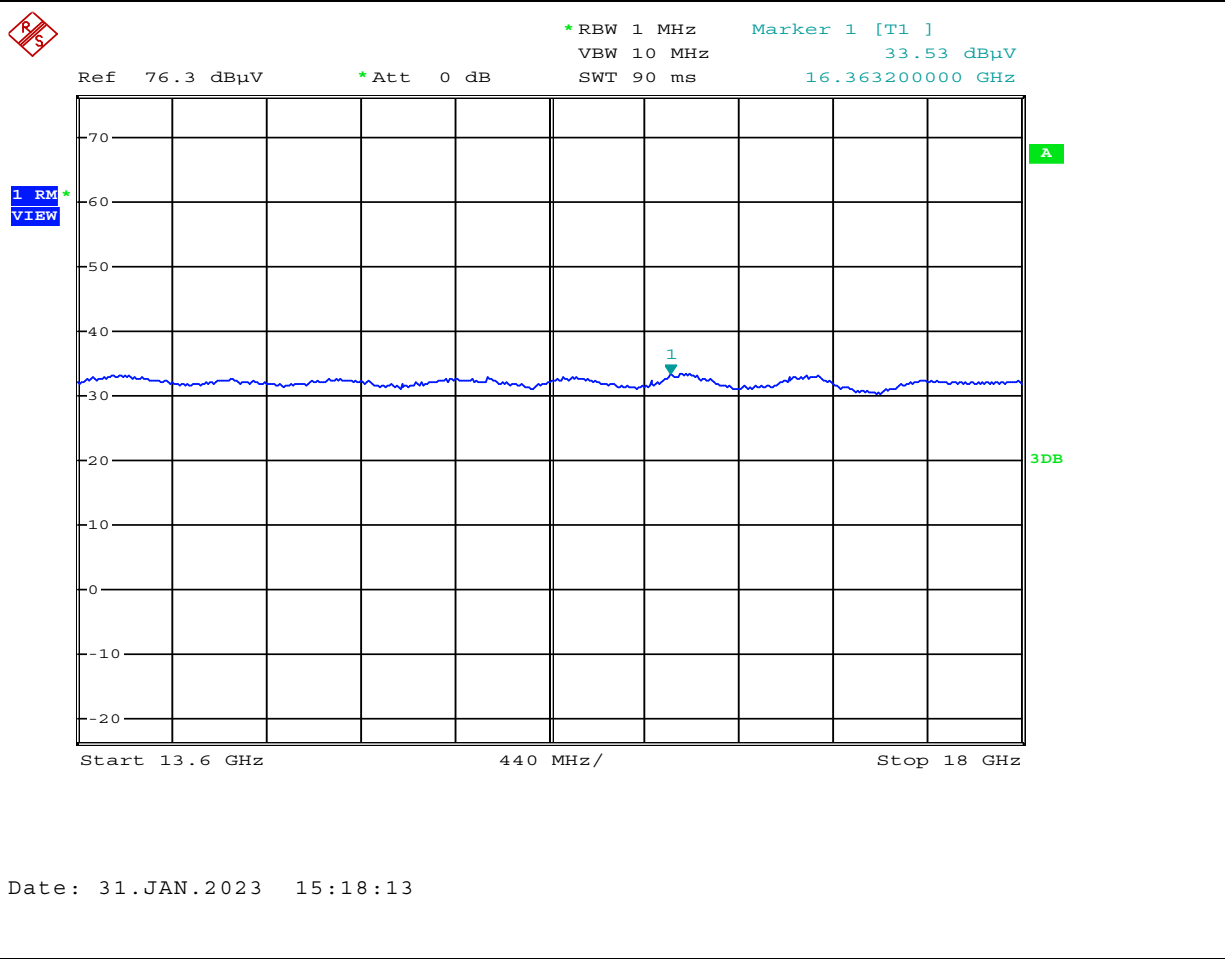


Date: 31.JAN.2023 15:15:40

Channel:	38
Mode:	BT BR
Polarization:	Vertical

Channel Frequency:	2440	MHz
Modulation:	GFSK	
Measured Emission:	ND	dBm

Radiated Tx Emissions:



Channel:

38

Channel Frequency:

2440

MHz

Mode:

BT BR

Modulation:

GFSK

Polarization:

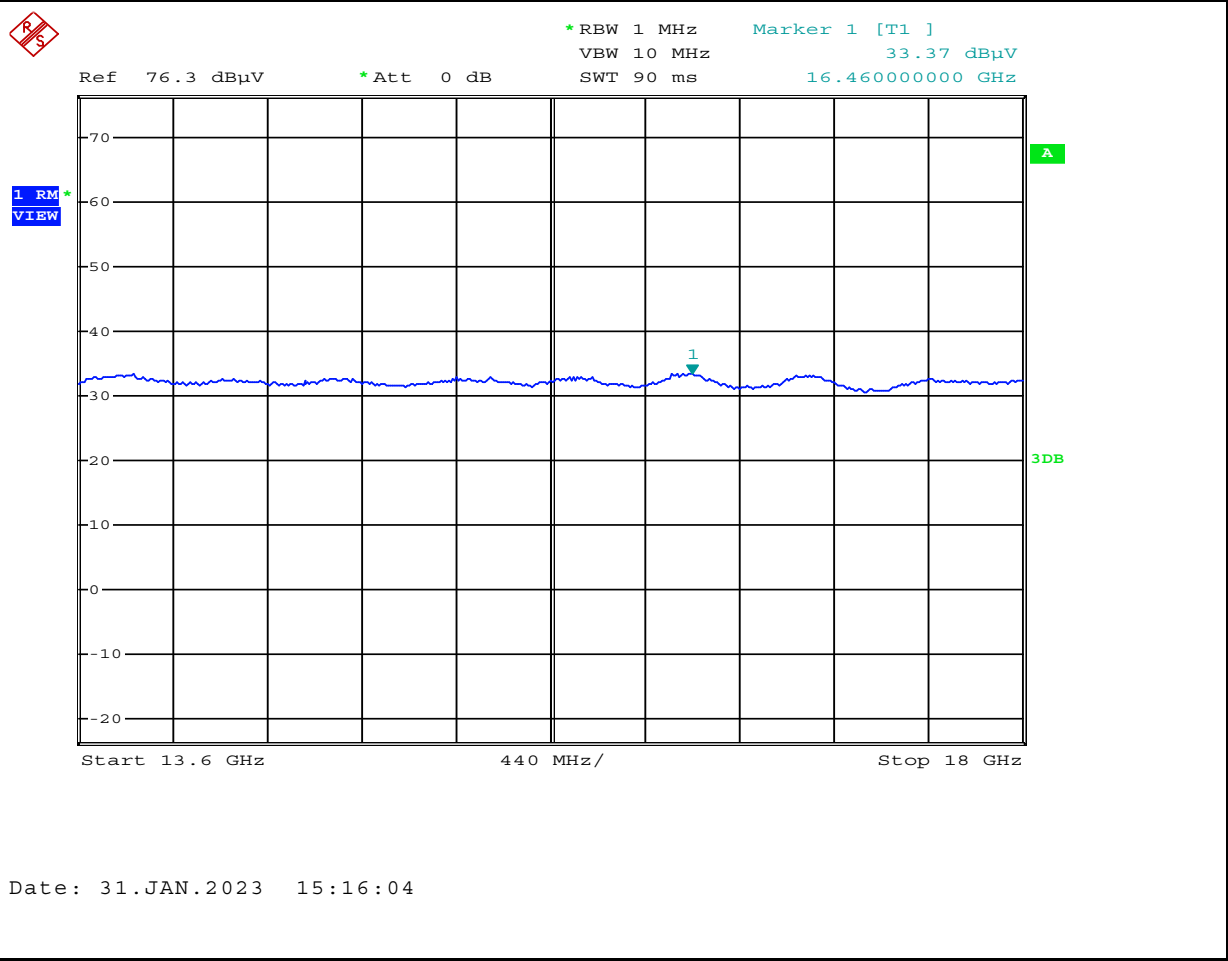
Horizontal

Measured Emission:

ND

dBm

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

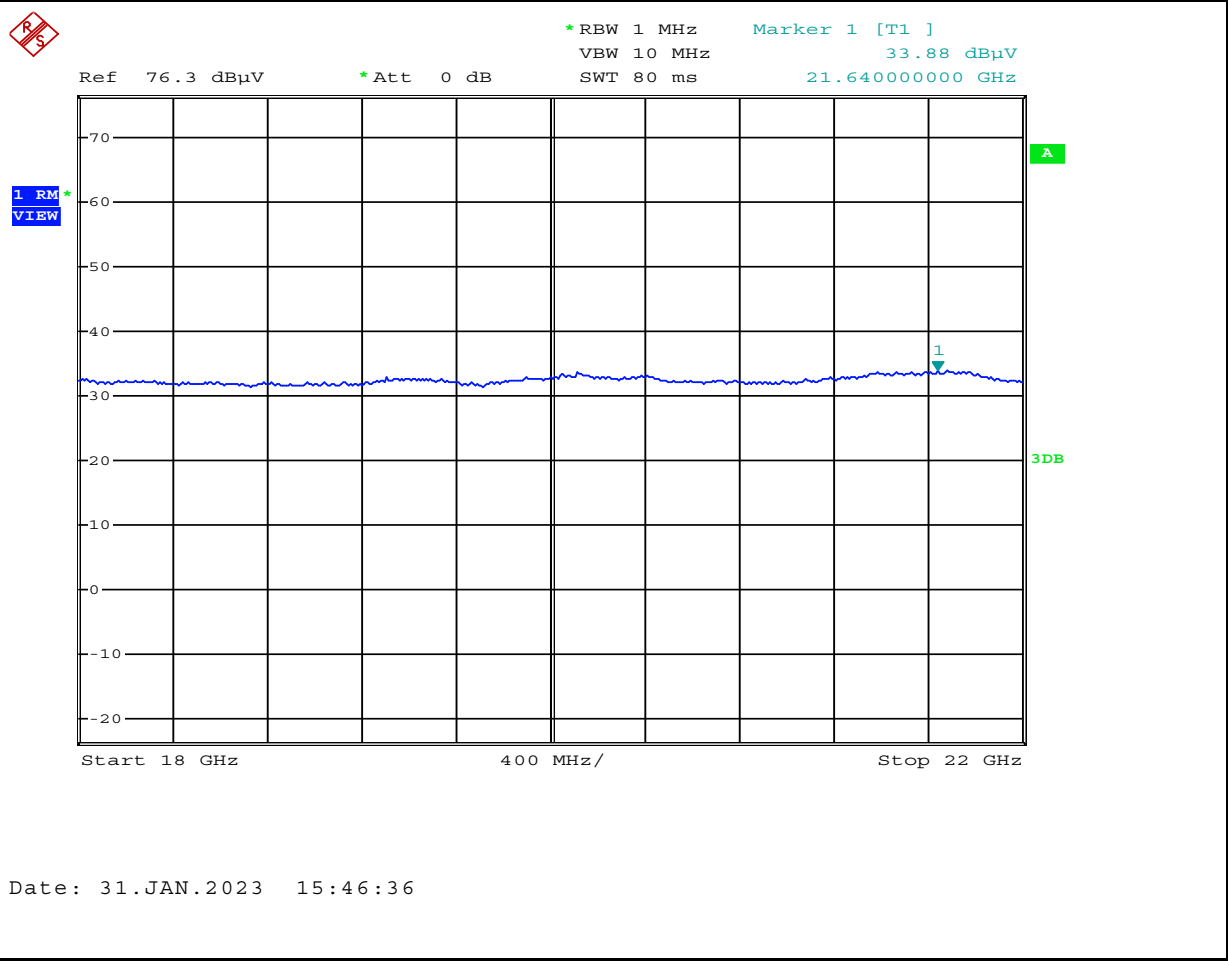
Polarization: Vertical

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission: ND dBm

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

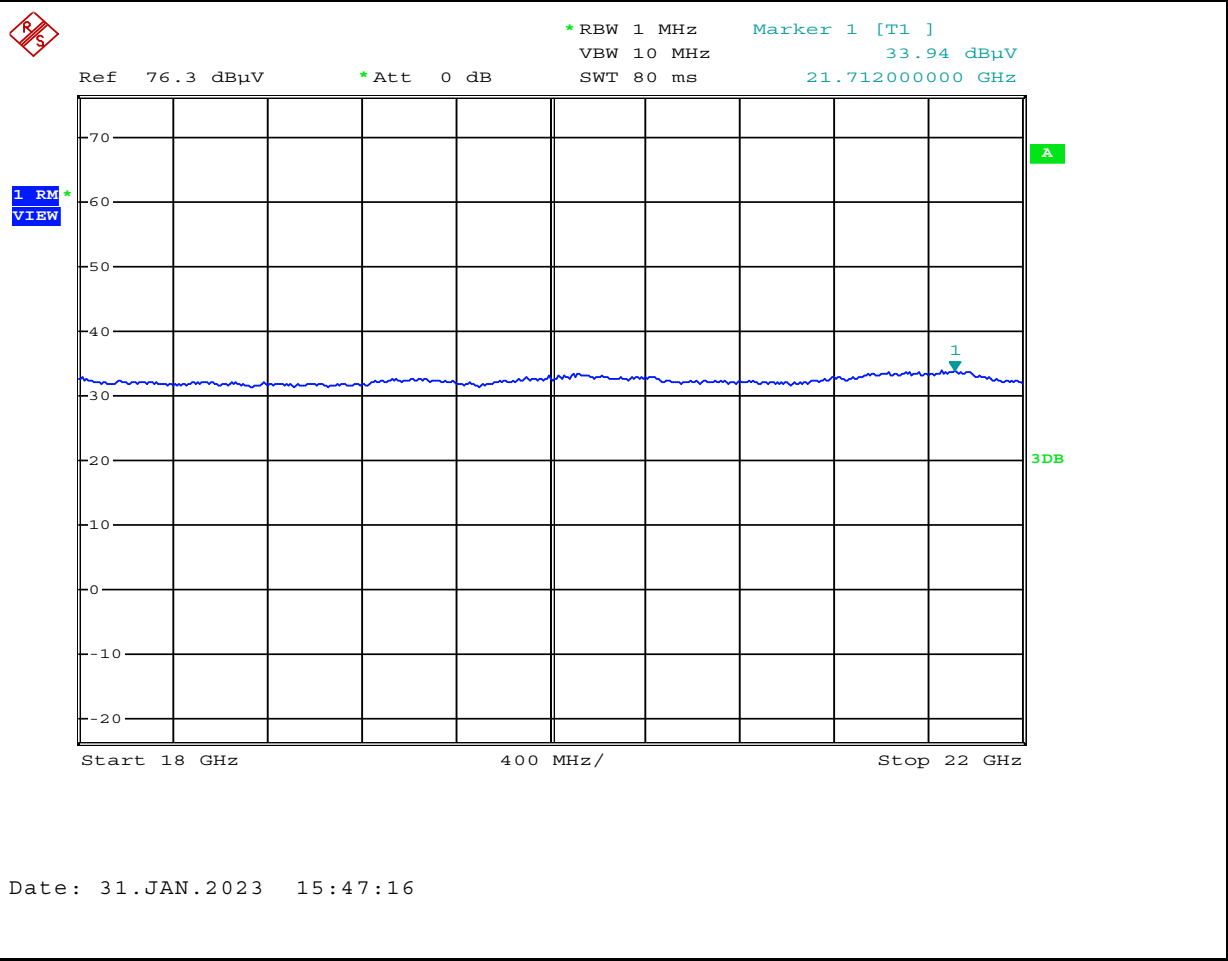
Polarization: Horizontal

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission: ND dBm

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

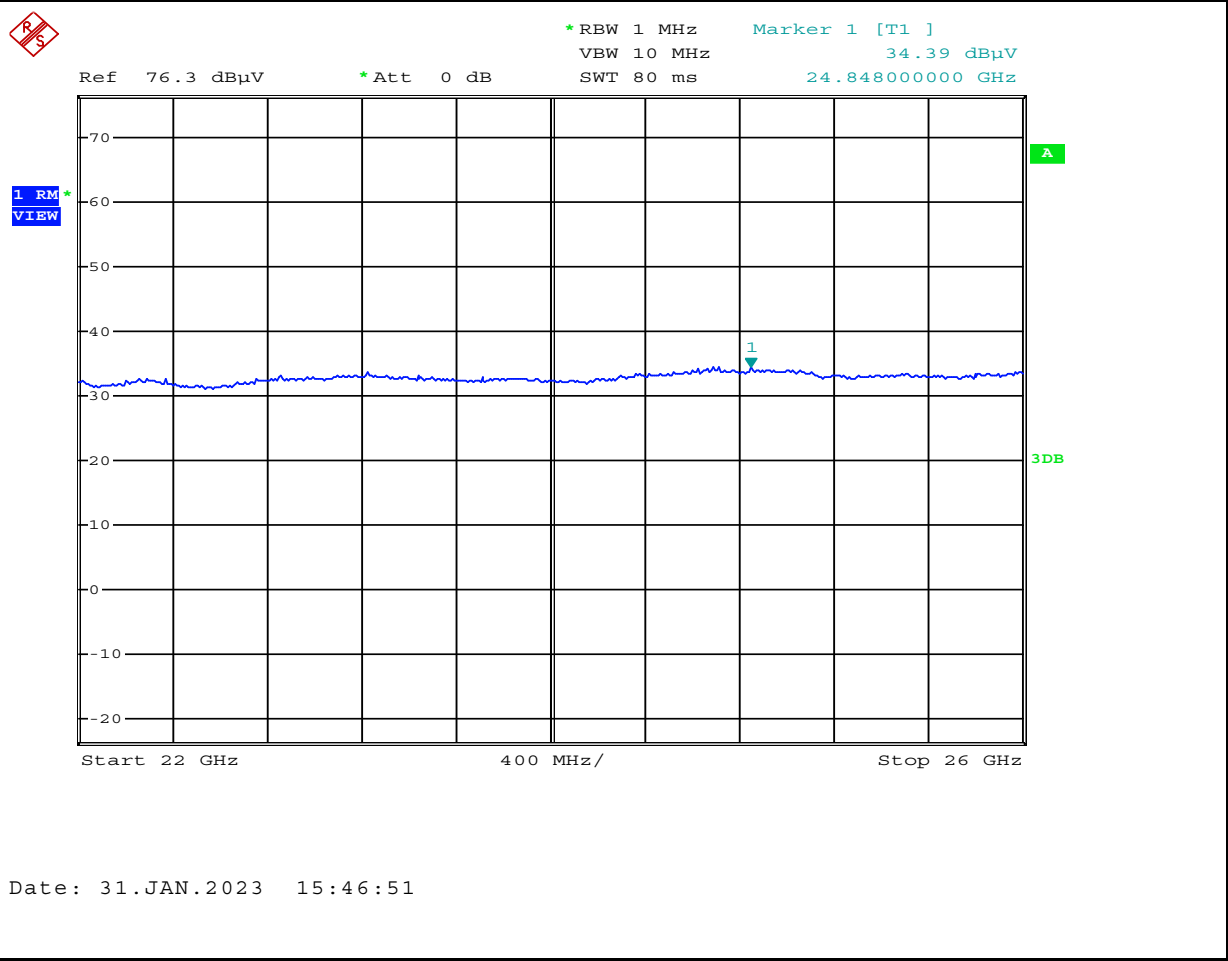
Polarization: Vertical

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission: ND dBm

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

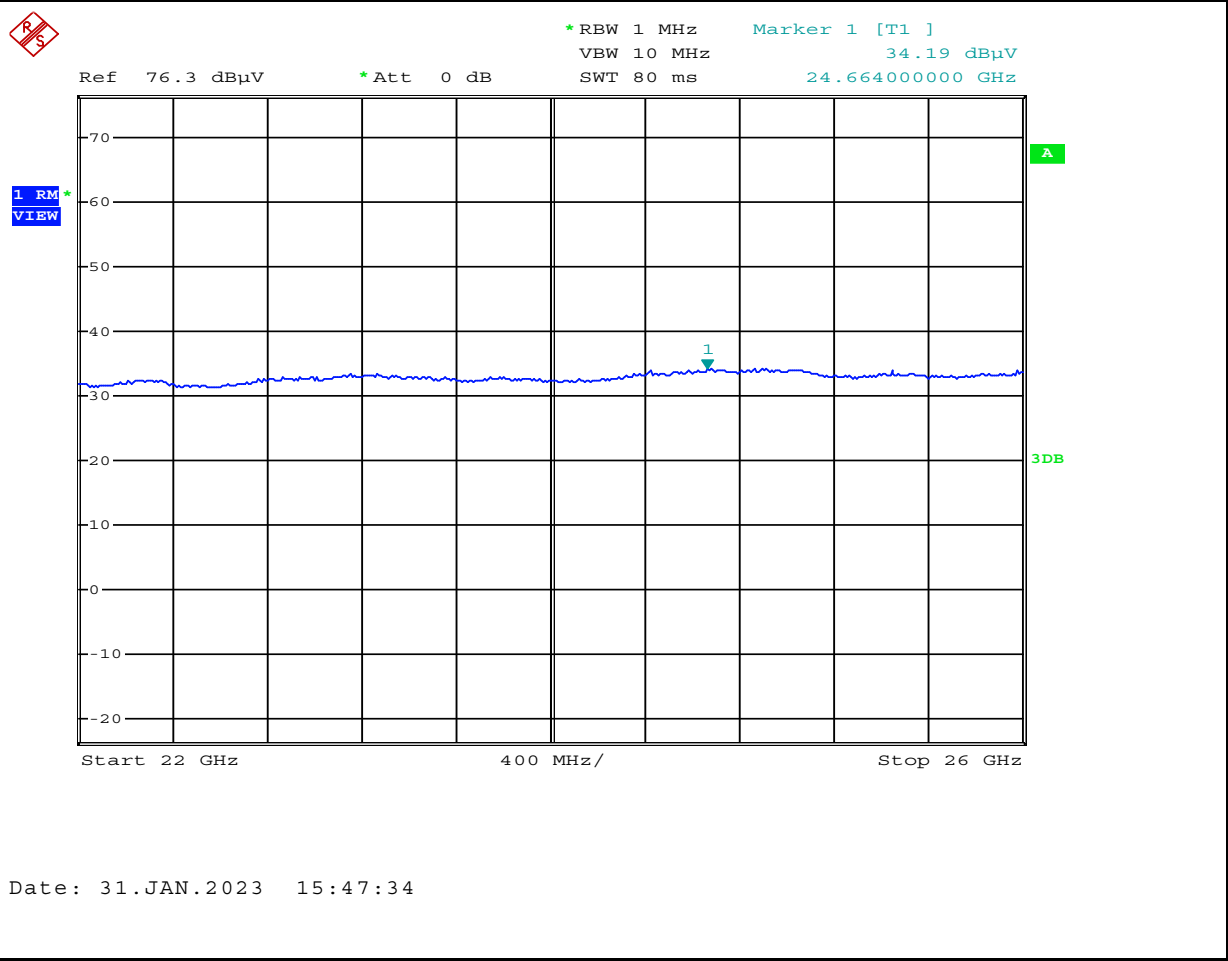
Polarization: Horizontal

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission: ND dBm

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

Polarization: Vertical

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission: ND dBm