

### Summary of Radiated Tx Emissions (Restricted Band)

Measured Frequency Range (MHz)	Channel Frequency	Antenna Polarization	Emission Frequency	Measured Emission [E <sub>Meas</sub> ] (dBuV)	Antenna ACF [ACF] (dB)	Cable Loss [L <sub>c</sub> ] (dB)	Amplifier Gain [G <sub>A</sub> ] (dB)	Corrected Emission [E <sub>Corr</sub> ] (dBuV/m)	Limit (dBuV)	Margin (dB)
9kHz - 30MHz	2412.0	Front	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
9kHz - 30MHz	2412.0	Side	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
30-1000MHz	2412.0	Horizontal	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
30-1000MHz	2412.0	Vertical	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
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
<b>Results:</b>									<b>Complies</b>	

(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

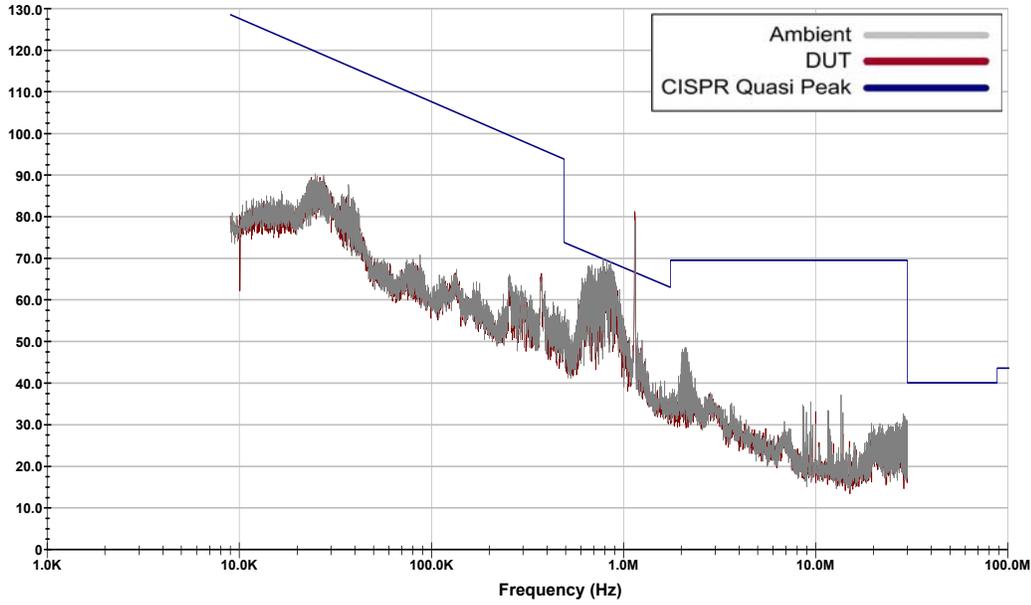
$$E_{\text{Corr}} = E_{\text{Meas}} + \text{ACF} + L_{\text{C}} - G_{\text{A}}$$

# Radiated Tx Emissions DXX

Garmin A04125

Radiated Tx Emissions - 9kHz - 30MHz

OATS - Loop Front



04:03:11 PM, Monday, June 07, 2021

Profile Build: 2020.10.19

Frequency Range:  
**9kHz - 30MHz**

Antenna Polarization  
**Front**

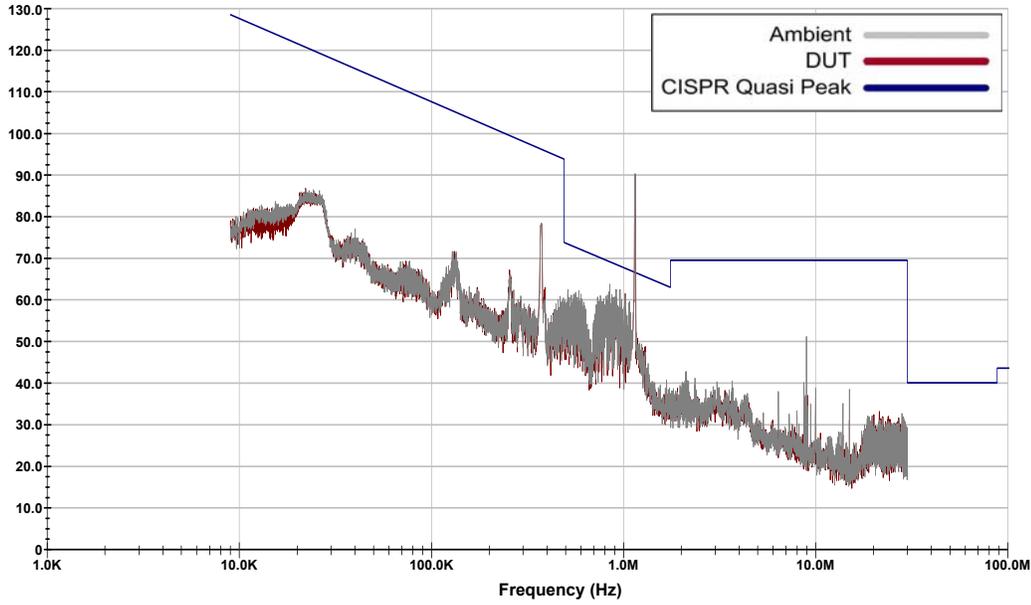
Measured Emission:  
**None Detected (ND) dBm**

# Radiated Tx Emissions DXX

Garmin A04125

Radiated Tx Emissions - 9kHz - 30MHz

OATS - Loop Side



04:03:11 PM, Monday, June 07, 2021

Profile Build: 2020.10.19

Frequency Range:

**9kHz - 30MHz**

Antenna Polarization

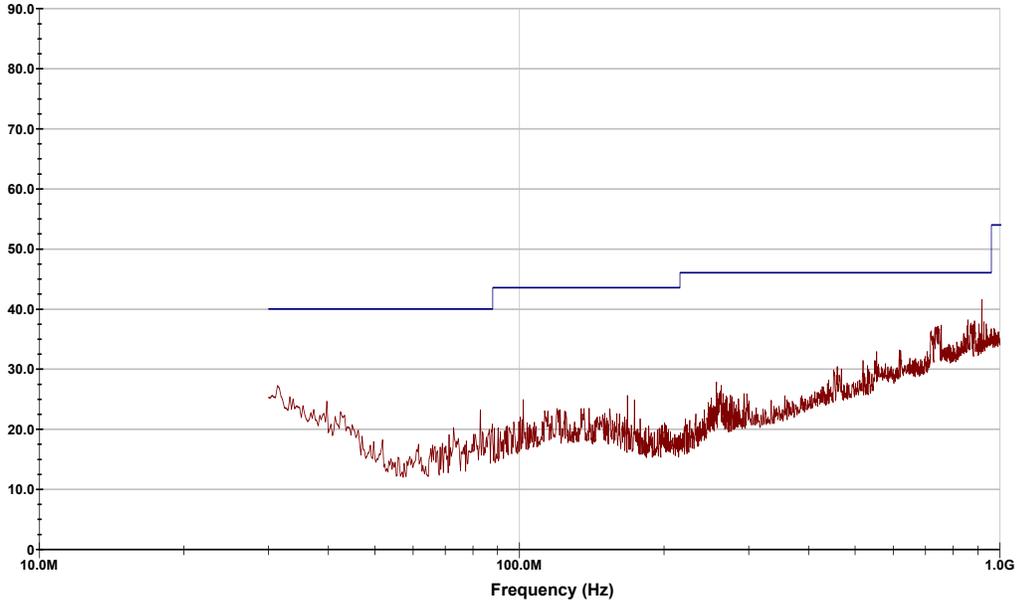
**Side**

Measured Emission:

**None Detected (ND) dBm**

**Radiated Tx Emissions DXX**

**Garmin A04125**  
Radiated Tx Emissions - 30MHz-1GHz  
OATS Horizontal



09:18:51 AM, Tuesday, June 08, 2021

Profile Build: 2020.10.19

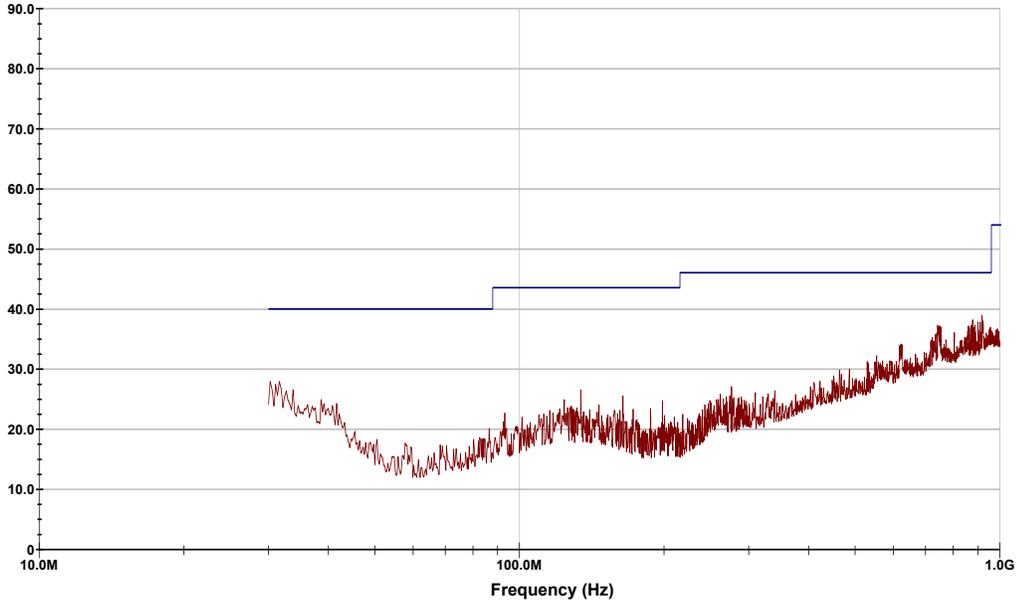
Frequency Range:  
**30 - 1000MHz**

Antenna Polarization  
**Horizontal**

Measured Emission:  
**None Detected (ND) dBm**

**Radiated Tx Emissions DXX**

**Garmin A04125**  
**Radiated Tx Emissions 30 MHz - 1 GHz**  
**OATS Vertical**



09:18:51 AM, Tuesday, June 08, 2021

Profile Build: 2020.10.19

Frequency Range:  
**30 - 1000MHz**

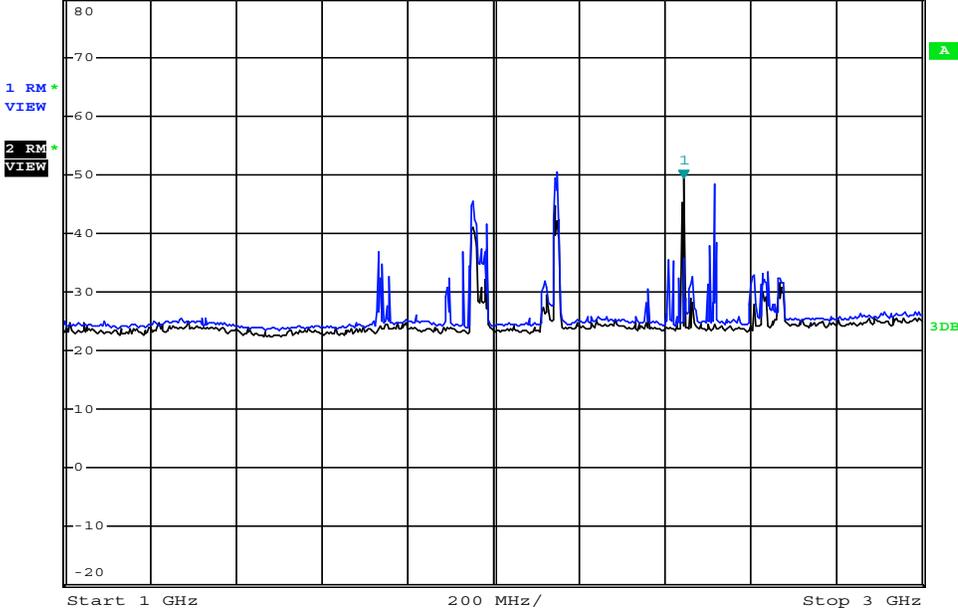
Antenna Polarization  
**Vertical**

Measured Emission:  
**None Detected (ND) dBm**

# Radiated Tx Emissions DXX



Ref 80 dB $\mu$ V   \*Att 10 dB   \*RBW 1 MHz   VBW 10 MHz   Marker 1 [T2]   49.36 dB $\mu$ V  
SWT 10 ms   2.445000000 GHz



Date: 3.JUN.2021 13:24:14

Frequency Range: <b>1 - 3GHz</b>	Antenna Polarization: <b>Horizontal</b>	Measured Emission: <b>None Detected (ND) dBm</b>
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**Marker 1: Fundamental**

# Radiated Tx Emissions DXX



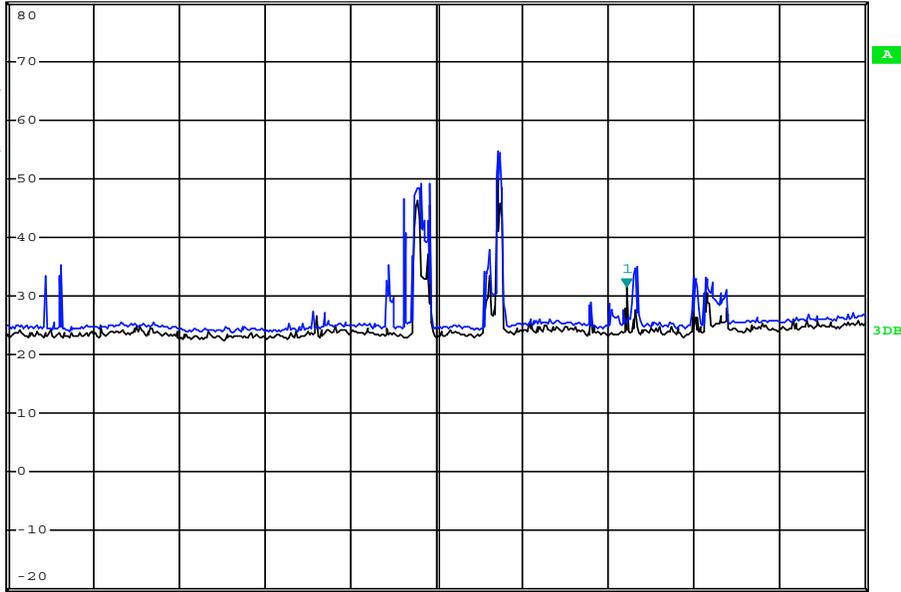
\*RBW 1 MHz    Marker 1 [T2 ]  
VBW 10 MHz    31.55 dBμV  
SWT 10 ms    2.445000000 GHz

Ref 80 dBμV

\*Att 10 dB

1 RM \*  
VIEW

2 RM \*  
VIEW



Date: 3.JUN.2021 13:44:06

Frequency Range:

**1 - 3GHz**

Antenna Polarization

**Vertical**

Measured Emission:

**None Detected (ND) dBm**

**Marker 1: Fundamental**

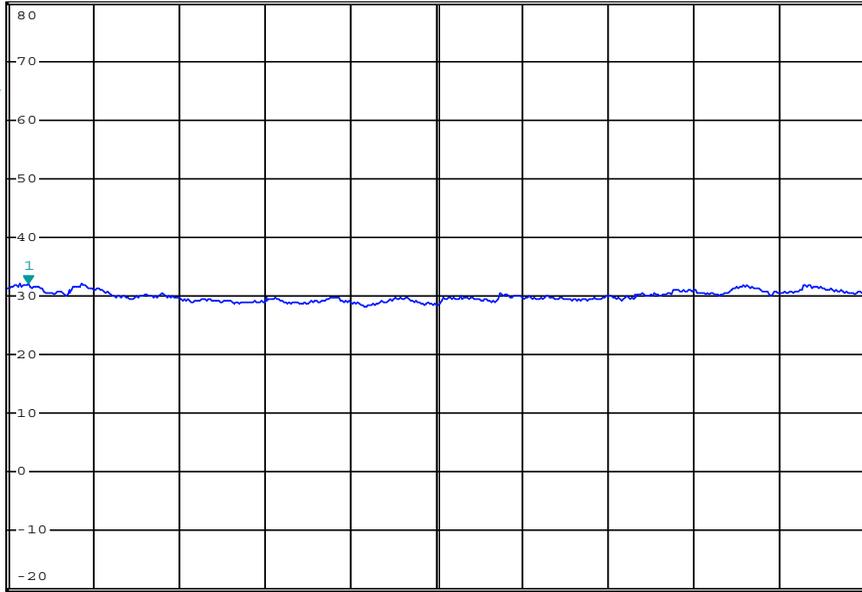
# Radiated Tx Emissions DXX



\*RBW 1 MHz    Marker 1 [T1 ]  
VBW 10 MHz    32.02 dBµV  
SWT 140 ms    3.168000000 GHz

Ref 80 dBµV    \*Att 10 dB

1 RM  
VIEW



Start 3 GHz    700 MHz/    Stop 10 GHz

Date: 3.JUN.2021 13:24:45

Frequency Range:

**3 - 10GHz**

Antenna Polarization

**Horizontal**

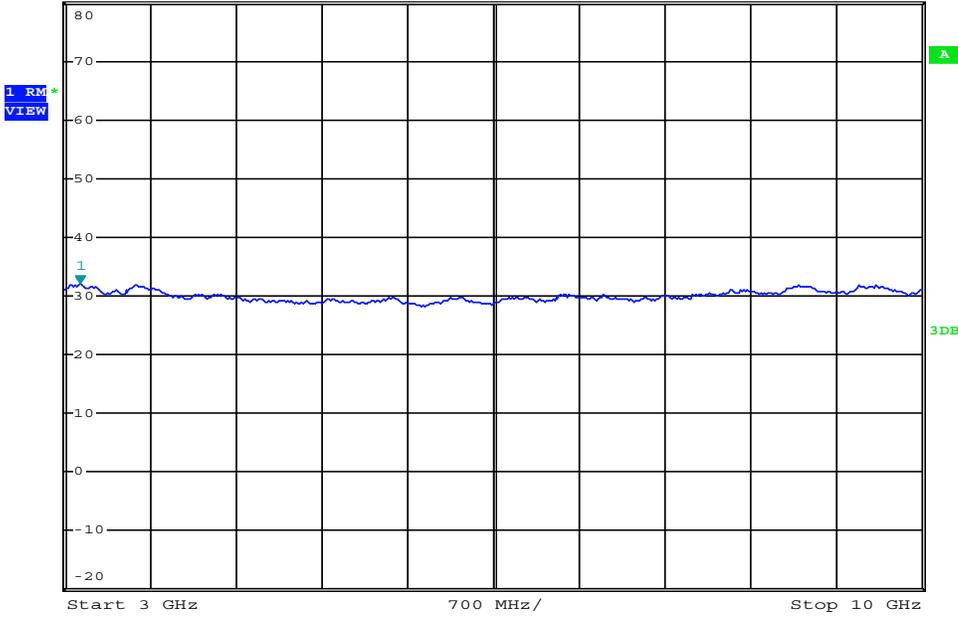
Measured Emission:

**None Detected (ND) dBm**

# Radiated Tx Emissions DXX



Ref 80 dB $\mu$ V   \*Att 10 dB   \*RBW 1 MHz   VBW 10 MHz   Marker 1 [T1]   32.09 dB $\mu$ V  
SWT 140 ms   3.126000000 GHz



Date: 3.JUN.2021 13:44:35

Frequency Range:

**3 - 10GHz**

Antenna Polarization

**Vertical**

Measured Emission:

**None Detected (ND) dBm**

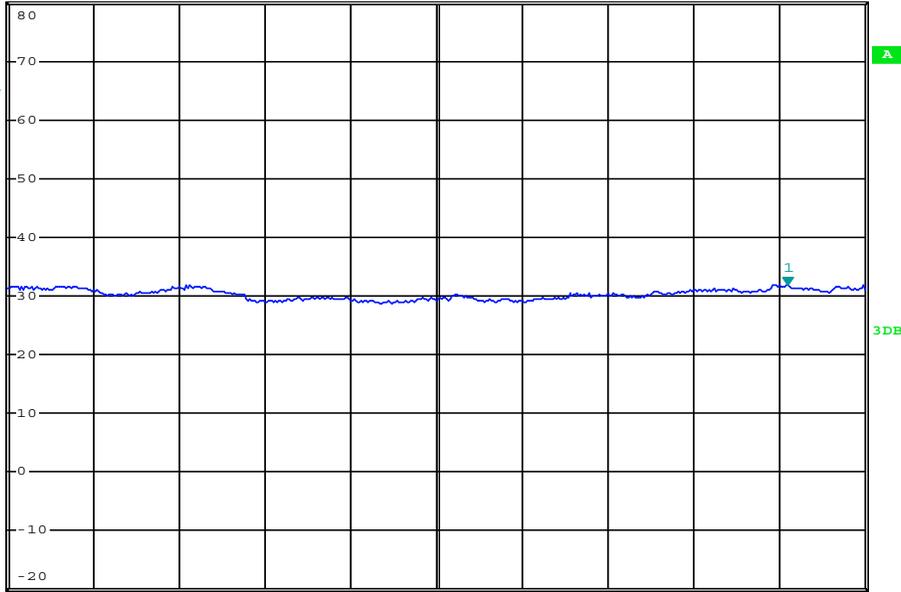
# Radiated Tx Emissions DXX



\*RBW 1 MHz    Marker 1 [T1 ]  
VBW 10 MHz    31.97 dBμV  
SWT 75 ms    13.276000000 GHz

Ref 80 dBμV    \*Att 10 dB

1 RM\*  
VIEW



Start 10 GHz    360 MHz/    Stop 13.6 GHz

Date: 3.JUN.2021 13:25:05

Frequency Range:  
**10 - 13.6GHz**

Antenna Polarization  
**Horizontal**

Measured Emission:  
**None Detected (ND) dBm**

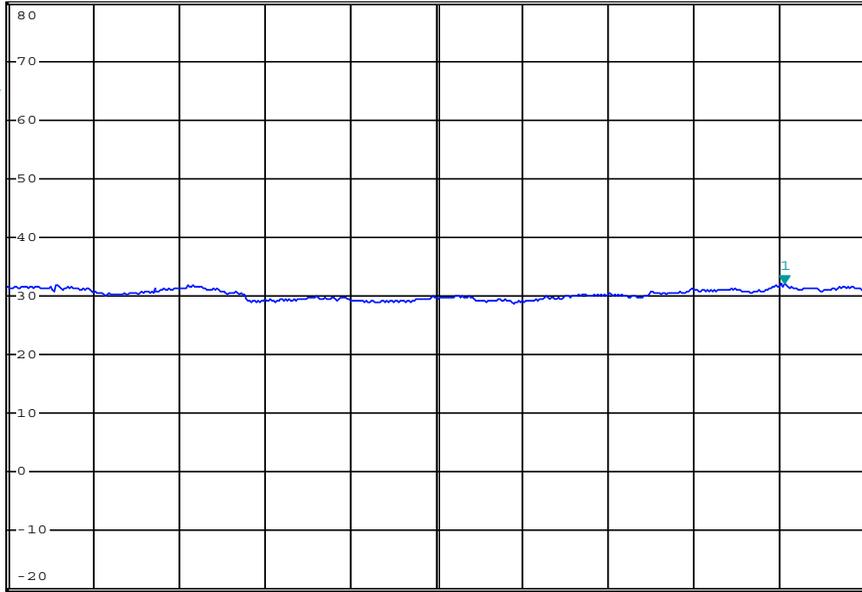
# Radiated Tx Emissions DXX



\*RBW 1 MHz    Marker 1 [T1 ]  
VBW 10 MHz    32.12 dBμV  
SWT 75 ms    13.261600000 GHz

Ref 80 dBμV    \*Att 10 dB

1 RM\*  
VIEW



Start 10 GHz    360 MHz/    Stop 13.6 GHz

Date: 3.JUN.2021 13:45:01

Frequency Range:

**10 - 13.6GHz**

Antenna Polarization

**Vertical**

Measured Emission:

**None Detected (ND) dBm**

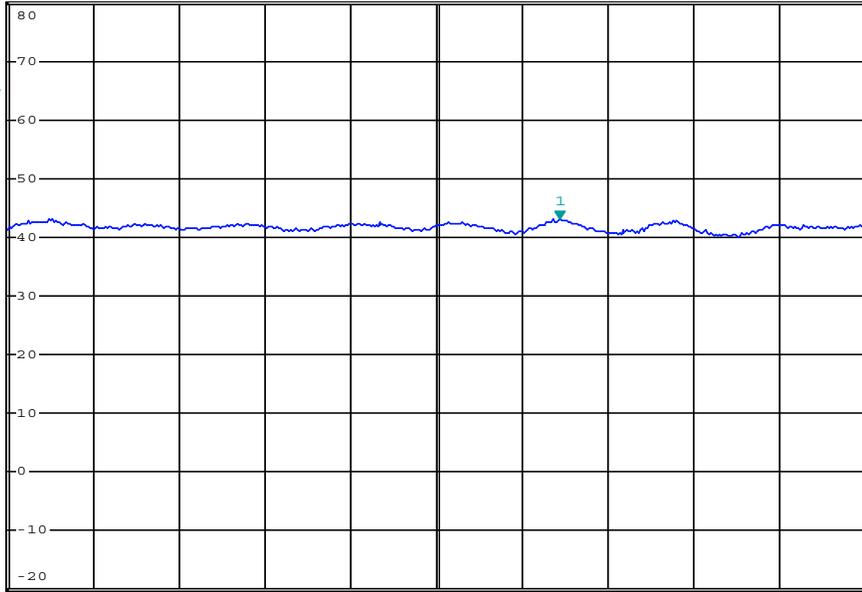
# Radiated Tx Emissions DXX



\*RBW 1 MHz    Marker 1 [T1 ]  
VBW 10 MHz    43.20 dBμV  
SWT 90 ms    16.433600000 GHz

Ref 80 dBμV    \*Att 10 dB

1 RM\*  
VIEW



Start 13.6 GHz    440 MHz/    Stop 18 GHz

Date: 3.JUN.2021 13:25:25

Frequency Range:  
**13 - 18GHz**

Antenna Polarization  
**Horizontal**

Measured Emission:  
**None Detected (ND) dBm**

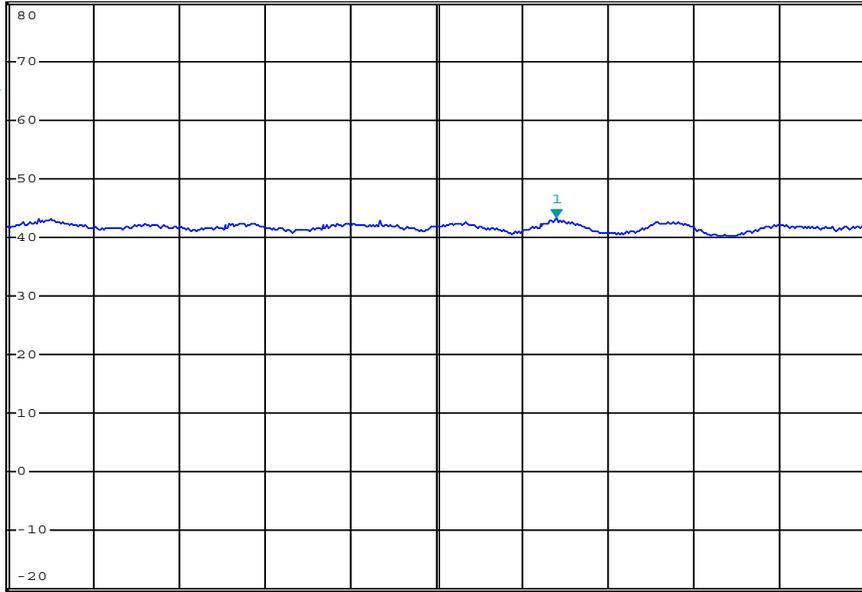
# Radiated Tx Emissions DXX



\*RBW 1 MHz    Marker 1 [T1 ]  
VBW 10 MHz    43.27 dBμV  
SWT 90 ms    16.41600000 GHz

Ref 80 dBμV    \*Att 10 dB

1 RM\*  
VIEW



Start 13.6 GHz    440 MHz/    Stop 18 GHz

Date: 3.JUN.2021 13:45:27

Frequency Range:

**13 - 18GHz**

Antenna Polarization

**Vertical**

Measured Emission:

**None Detected (ND) dBm**

### Summary of Radiated Tx Emissions (Restricted Band)

Measured Frequency Range (MHz)	Channel Frequency	Antenna Polarization	Emission Frequency	Measured Emission [E <sub>Meas</sub> ] (dBuV)	Antenna ACF [ACF] (dB)	Cable Loss [L <sub>c</sub> ] (dB)	Amplifier Gain [G <sub>A</sub> ] (dB)	Corrected Emission [E <sub>Corr</sub> ] (dBuV/m)	Limit (dBuV)	Margin (dB)
9kHz - 30MHz	2412.0	Front	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
9kHz - 30MHz	2412.0	Side	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
30-1000MHz	2412.0	Horizontal	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
30-1000MHz	2412.0	Vertical	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
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
<b>Results:</b>									<b>Complies</b>	

(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

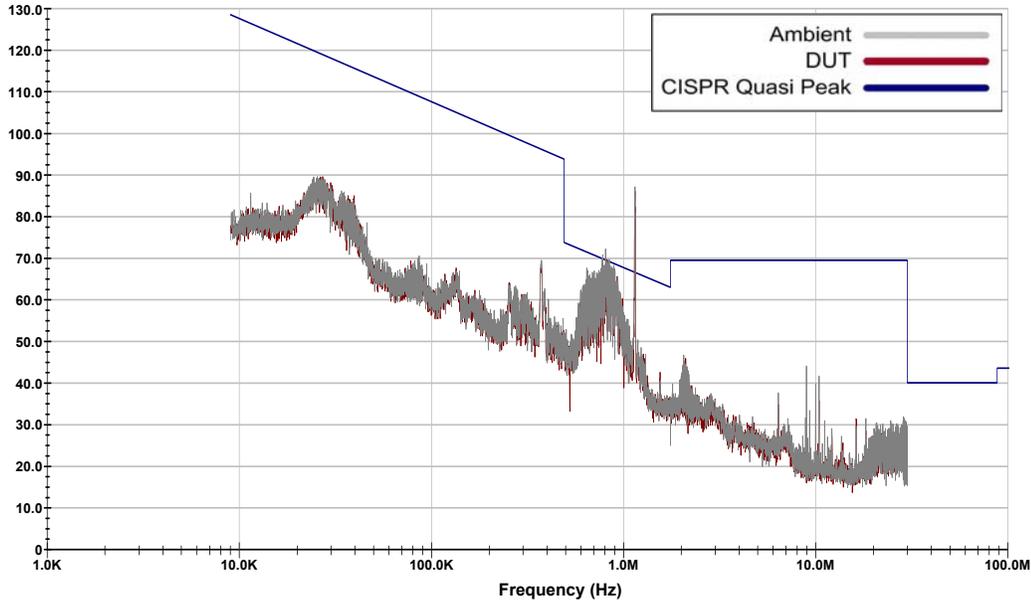
$$E_{\text{Corr}} = E_{\text{Meas}} + \text{ACF} + L_{\text{C}} - G_{\text{A}}$$

**Radiated Tx Emissions NFC**

**Garmin A04125**

**Radiated Tx Emissions - 9kHz - 30MHz**

**OATS - Loop Front**



10:02:34 AM, Tuesday, June 08, 2021

Profile Build: 2020.10.19

Frequency Range:  
**9kHz - 30MHz**

Antenna Polarization  
**Front**

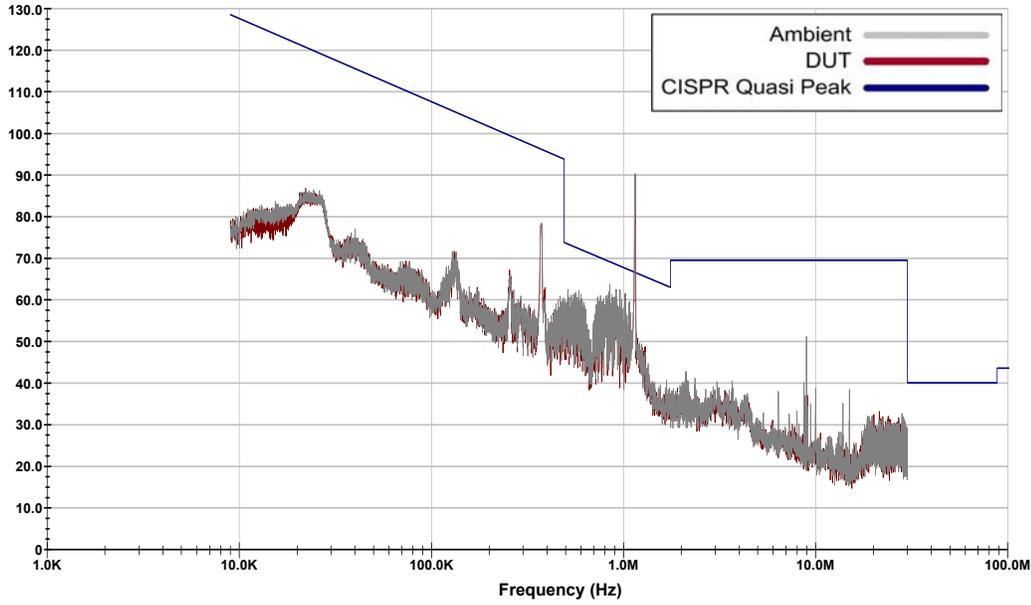
Measured Emission:  
**None Detected (ND) dBm**

**Radiated Tx Emissions NFC**

**Garmin A04125**

Radiated Tx Emissions - 9kHz - 30MHz

OATS - Loop Side



04:03:11 PM, Monday, June 07, 2021

Profile Build: 2020.10.19

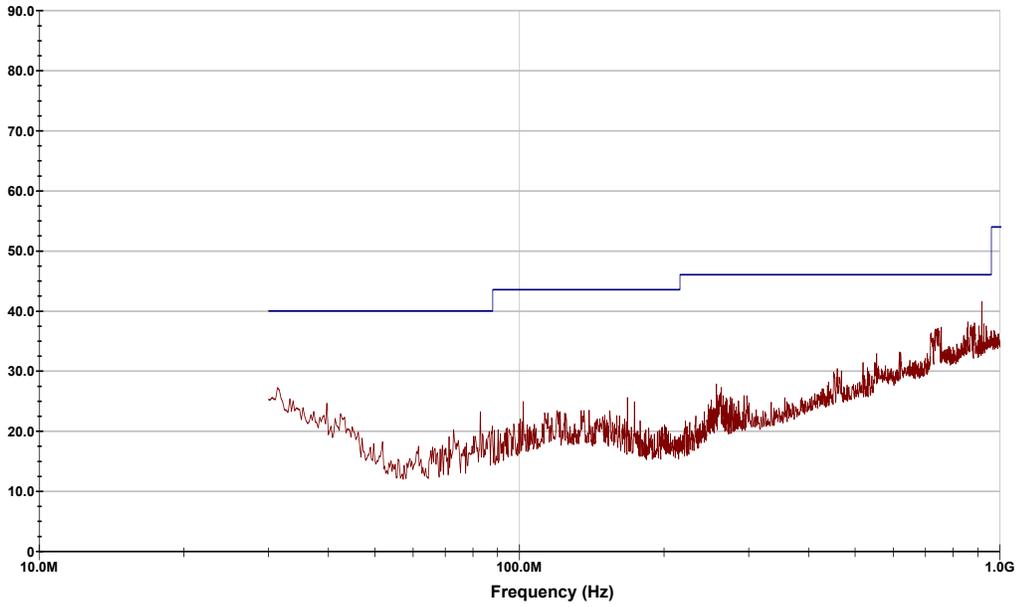
Frequency Range:  
**9kHz - 30MHz**

Antenna Polarization  
**Side**

Measured Emission:  
**None Detected (ND) dBm**

**Radiated Tx Emissions NFC**

**Garmin A04125**  
Radiated Tx Emissions - 30MHz-1GHz  
OATS Horizontal



09:18:51 AM, Tuesday, June 08, 2021

Profile Build: 2020.10.19

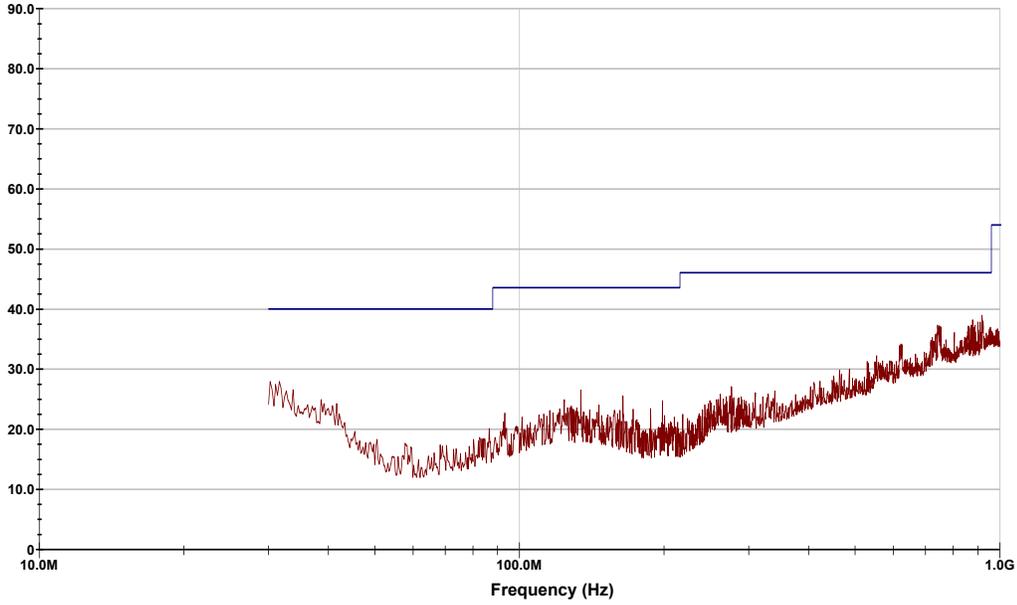
Frequency Range:  
**30 - 1000MHz**

Antenna Polarization  
**Horizontal**

Measured Emission:  
**None Detected (ND) dBm**

**Radiated Tx Emissions NFC**

**Garmin A04125**  
**Radiated Tx Emissions 30 MHz - 1 GHz**  
**OATS Vertical**



09:18:51 AM, Tuesday, June 08, 2021

Profile Build: 2020.10.19

Frequency Range:  
**30 - 1000MHz**

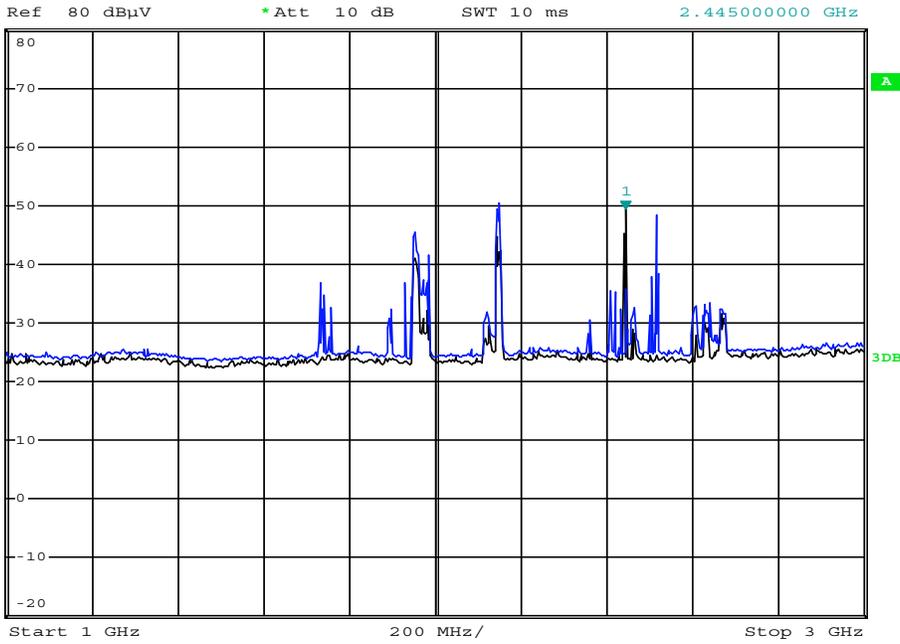
Antenna Polarization  
**Vertical**

Measured Emission:  
**None Detected (ND) dBm**

# Radiated Tx Emissions NFC



\*RBW 1 MHz    Marker 1 [T2 ]  
VBW 10 MHz    49.36 dBμV  
SWT 10 ms    2.445000000 GHz



Date: 3.JUN.2021 13:24:14

Frequency Range:

**1 - 3GHz**

Antenna Polarization

**Horizontal**

Measured Emission:

**None Detected (ND) dBm**

**Marker 1: Fundamental**

# Radiated Tx Emissions NFC



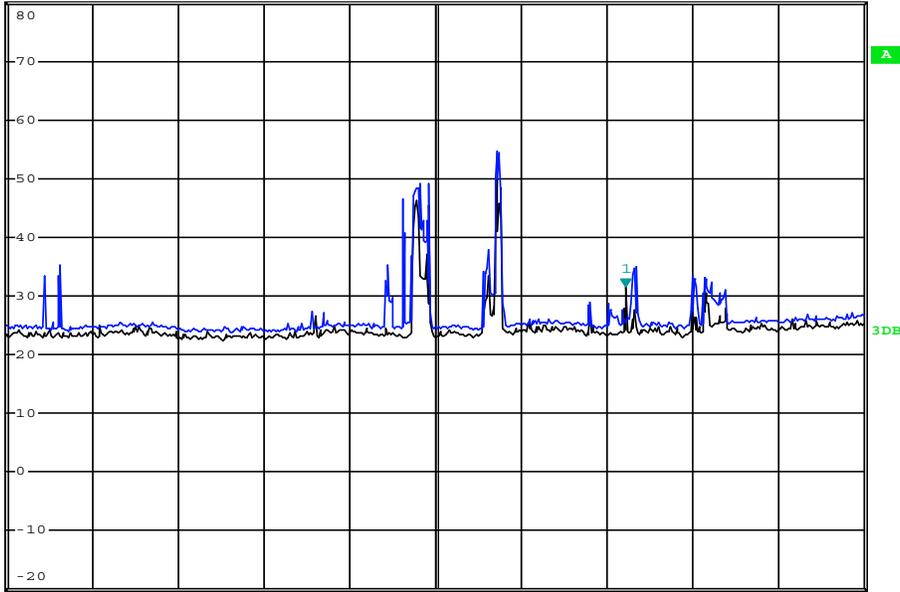
\*RBW 1 MHz    Marker 1 [T2 ]  
VBW 10 MHz    31.55 dBμV  
SWT 10 ms    2.445000000 GHz

Ref 80 dBμV

\*Att 10 dB

1 RM \*  
VIEW

2 RM \*  
VIEW



Start 1 GHz    200 MHz/    Stop 3 GHz

Date: 3.JUN.2021 13:44:06

Frequency Range:  
**1 - 3GHz**

Antenna Polarization  
**Vertical**

Measured Emission:  
**None Detected (ND) dBm**

**Marker 1: Fundamental**