

§15.109, ICES-003 (6.2)

Emission Frequency (MHz)	Antenna Polarization	Measured Emission [E _{Meas}] (dBuV)	Cable Loss [L _c] (dB)	Antenna Correction [ACF] (dB)	Corrected Emission [E _{Corr}] (W)	Limit @3m [Limit] (dBuV/m)	Margin [Margin] (dB)
* 856.5 MHz	Horizontal	41.66			41.66	56.9	15.2
* 727.0 MHz	Vertical	39.45			39.45	56.9	17.5
- GHz	Horizontal	ND			-	60.0	-
- GHz	Vertical	ND			-	60.0	-
** 3-20 GHz	Horizontal	ND			-	60.0	-
** 3-20 GHz	Vertical	ND			-	60.0	-
Results:						Complies	

* Measurement Compensated for Cable Loss and Antenna Correction Factor

$$E_{\text{Corr}} = E_{\text{Meas}} + L_c + \text{ACF}$$

$$\text{Margin} = \text{Limit} - E_{\text{Corr}}$$

** Emissions Shown are Noise Floor

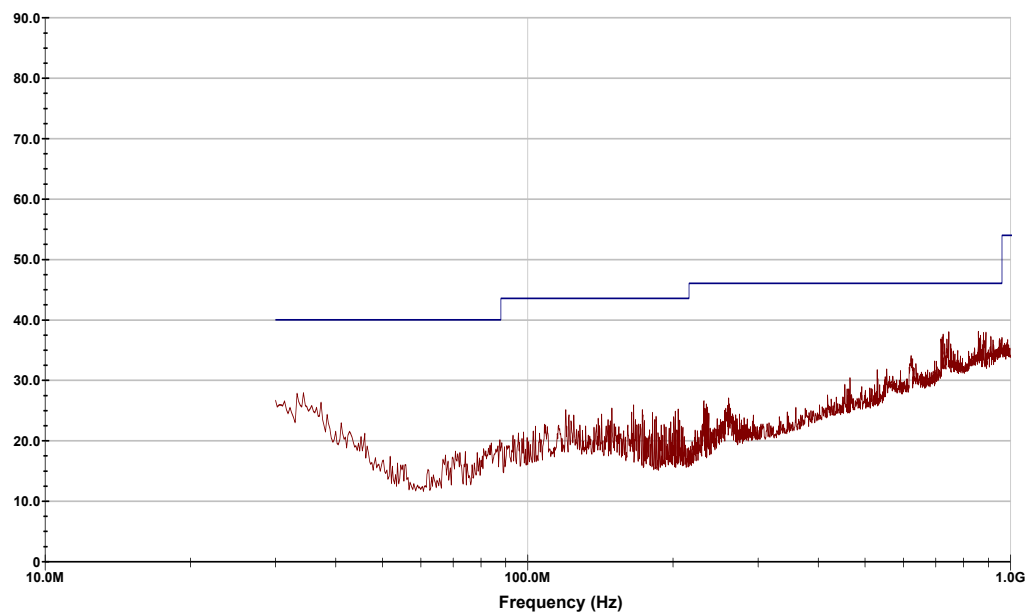
ND = None Detected

Radiated Emissions

Sendum OM500

Radiated Rx Emissions - 30MHz-1GHz

OATS Horizontal



12:30:59 PM, Friday, April 30, 2021

Profile Build: 2020.10.01

Frequency Range:

30 - 1000 MHz

Antenna Polarization:

Horizontal

Measured Emission:

41.7 dBuV/m

Emission Frequency

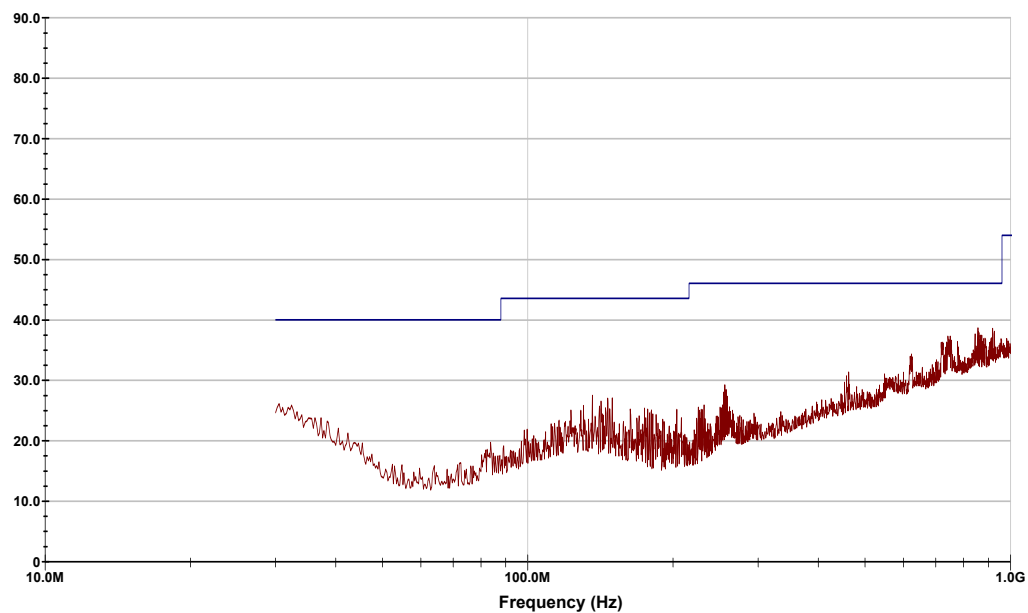
856.5 MHz

Radiated Emissions

Sendum OM500

Radiated Rx Emissions 30 MHz - 1 GHz

OATS Vertical



12:30:59 PM, Friday, April 30, 2021

Profile Build: 2020.10.01

Frequency Range:

30 -1000 MHz

Antenna Polarization:

Vertical

Measured Emission:

39.5 dBuV/m

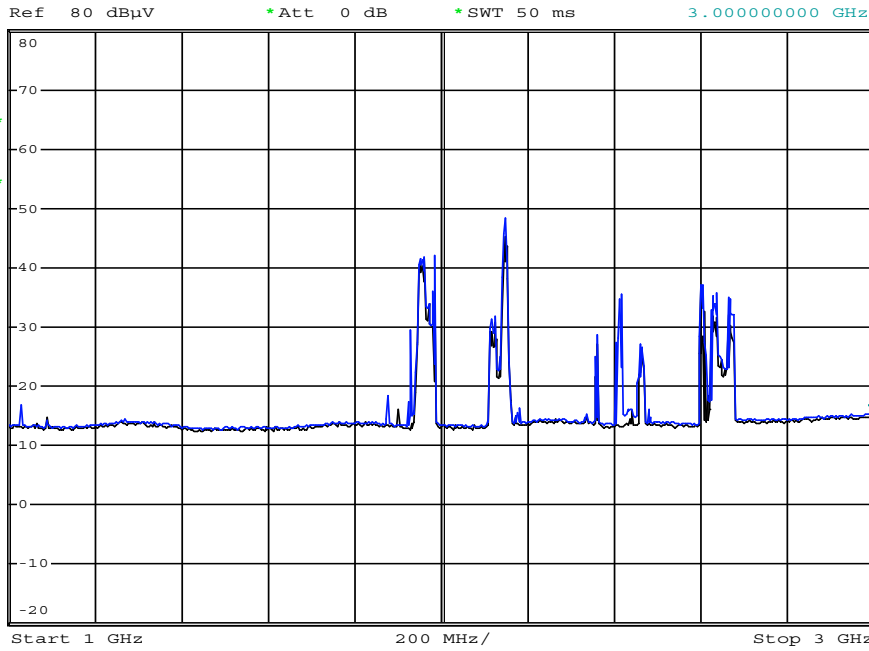
Emission Frequency

727.0 MHz

Radiated Emissions



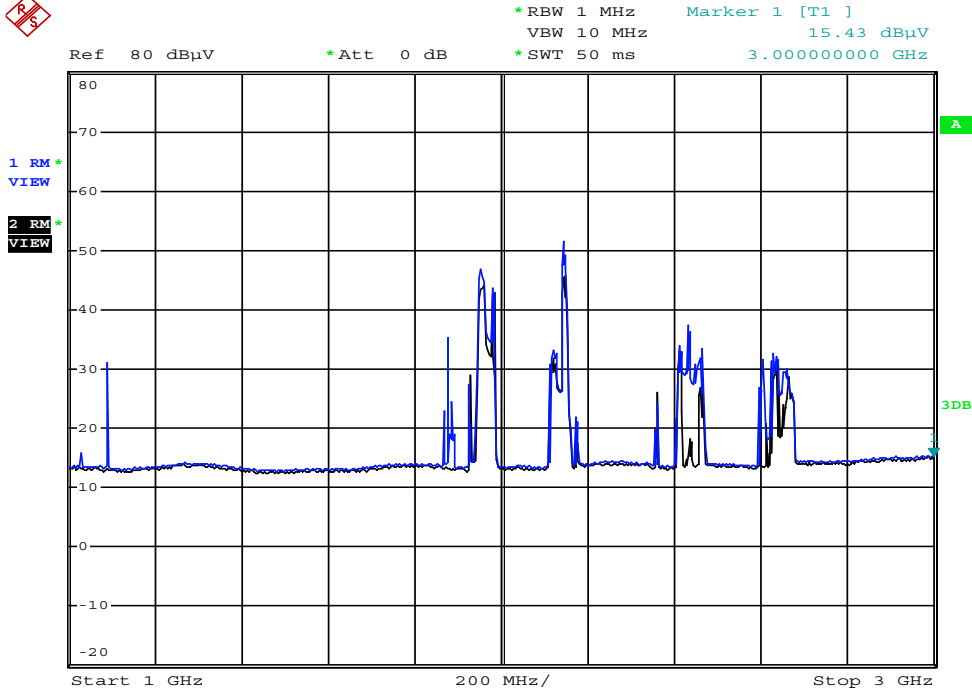
*RBW 1 MHz
 *Att 0 dB
 *SWT 50 ms
 Marker 1 [T1]
 15.54 dBμV
 3.000000000 GHz



Date: 23.APR.2021 14:39:36

Frequency Range: 1-3 GHz	Antenna Polarization: Horizontal	Measured Emission: ND dBuV/m
Trace 1: Ambient	Trace 2: DUT + Ambient	Emission Frequency - GHz

Radiated Emissions



Date: 23.APR.2021 14:35:03

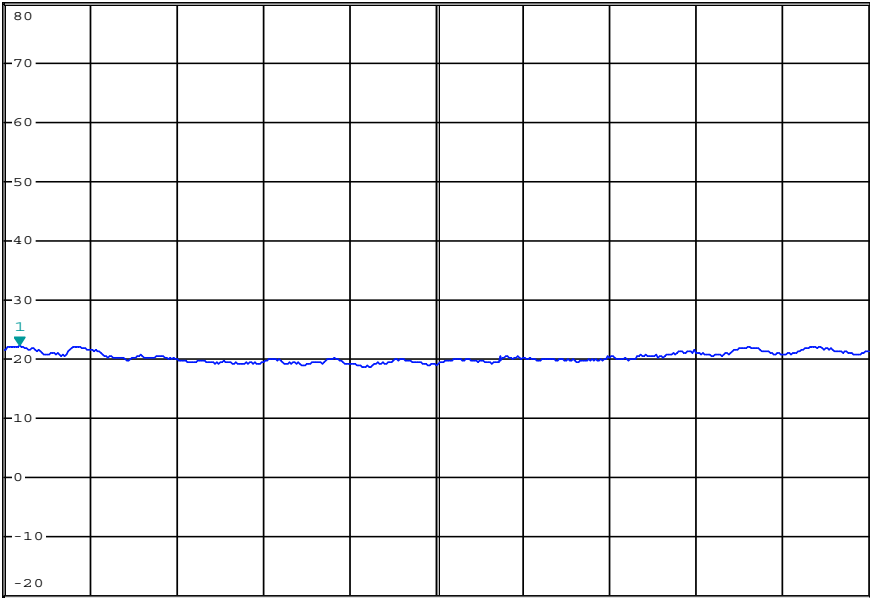
Frequency Range: 1-3 GHz	Antenna Polarization: Vertical	Measured Emission: ND dBuV/m
Trace 1: Ambient	Trace 2: DUT + Ambient	Emission Frequency - GHz

Radiated Emissions



1 RM
VIEW

Ref 80 dBμV *Att 0 dB *RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 22.27 dBμV
SWT 140 ms 3.126000000 GHz



Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 23.APR.2021 14:40:15

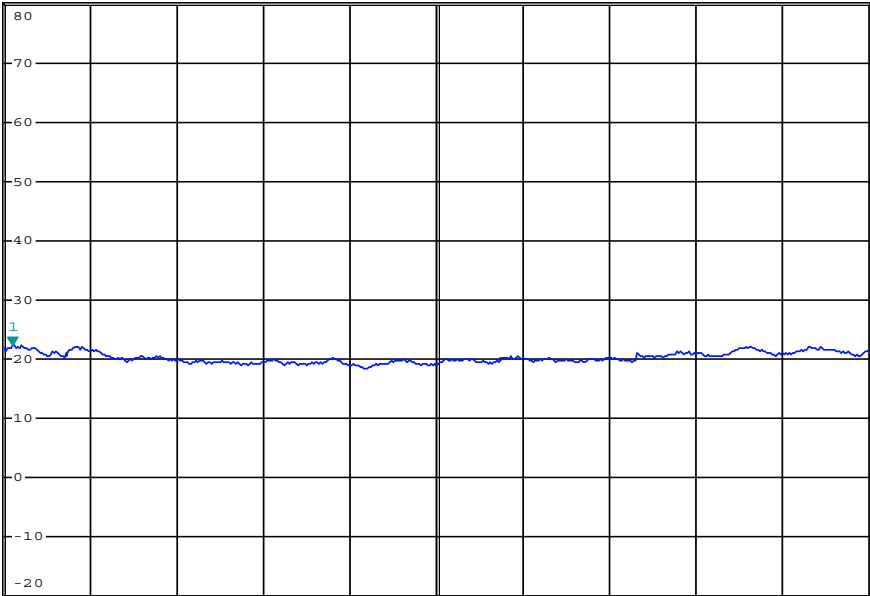
Frequency Range: 3-10 GHz	Antenna Polarization: Horizontal	Measured Emission: ND dBuV/m
		Emission Frequency - GHz

Radiated Emissions



1 RM
VIEW

Ref 80 dBuV *Att 0 dB *RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 22.37 dBuV
SWT 140 ms 3.070000000 GHz



Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 23.APR.2021 14:35:44

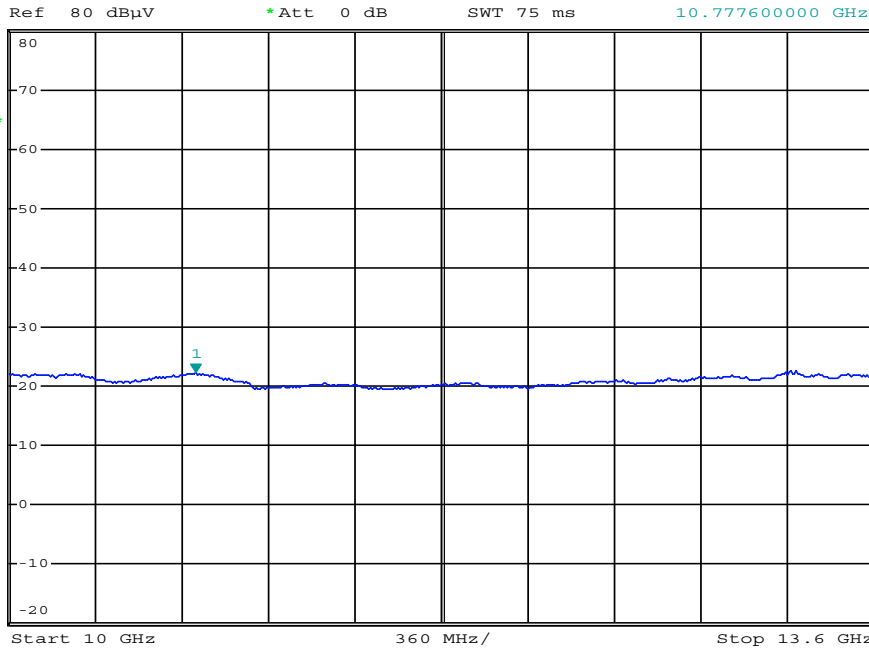
Frequency Range: 3-10 GHz	Antenna Polarization: Vertical	Measured Emission: ND dBuV/m
		Emission Frequency - GHz

Radiated Emissions



*RBW 1 MHz
VBW 10 MHz
SWT 75 ms

Marker 1 [T1]
22.41 dBμV
10.777600000 GHz



Date: 23.APR.2021 14:41:27

Frequency Range:

10-13.6 GHz

Antenna Polarization:

Horizontal

Measured Emission:

ND dBuV/m

Emission Frequency

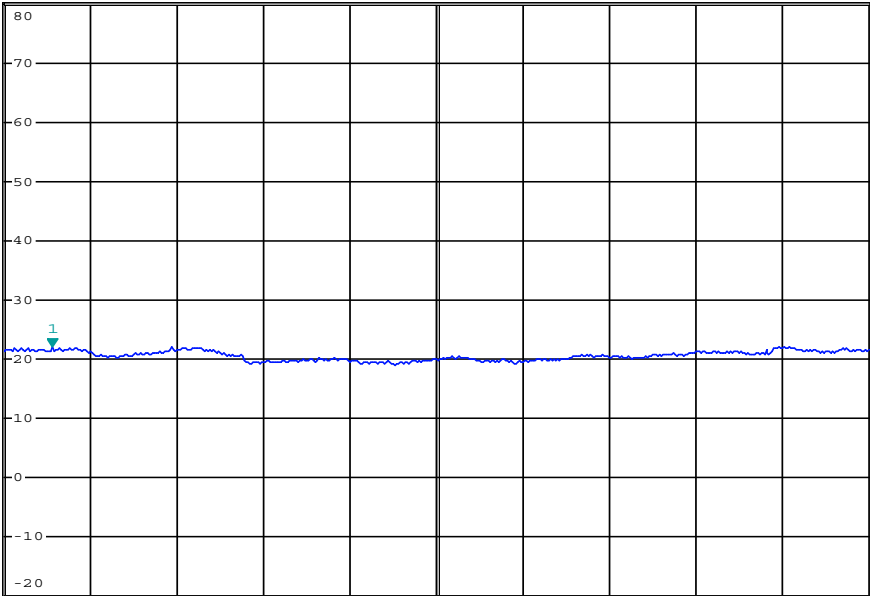
- GHz

Radiated Emissions



1 RM
VIEW

Ref 80 dBμV *Att 0 dB *RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 22.18 dBμV
SWT 75 ms 10.201600000 GHz



Start 10 GHz 360 MHz/ Stop 13.6 GHz

Date: 23.APR.2021 14:36:21

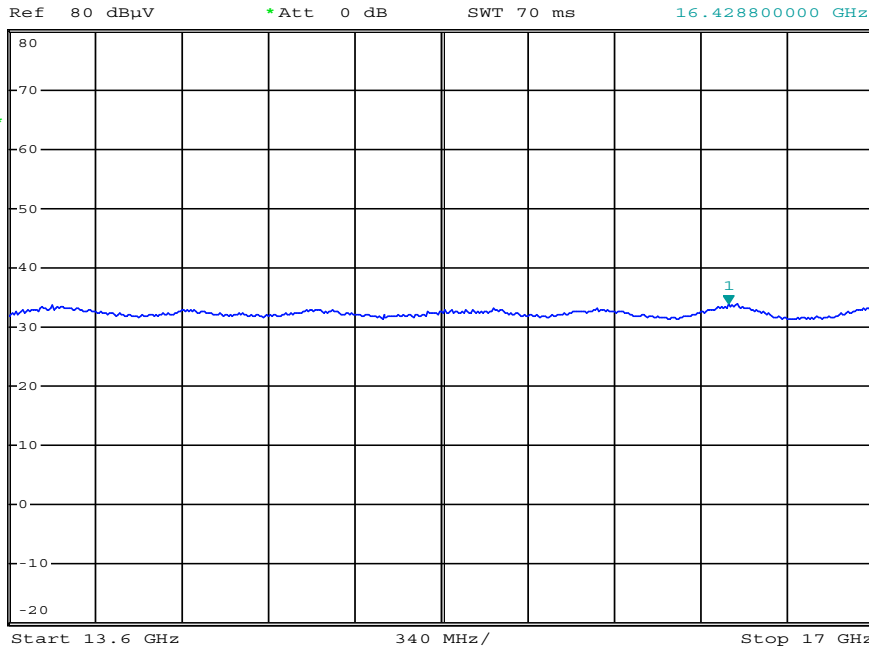
Frequency Range: 10-13.6 GHz	Antenna Polarization: Vertical	Measured Emission: ND dBuV/m
		Emission Frequency - GHz

Radiated Emissions



*RBW 1 MHz
VBW 10 MHz
SWT 70 ms

Marker 1 [T1]
33.88 dBμV
16.428800000 GHz



Date: 23.APR.2021 14:41:57

Frequency Range:

13.6-18 GHz

Antenna Polarization:

Horizontal

Measured Emission:

ND dBuV/m

Emission Frequency

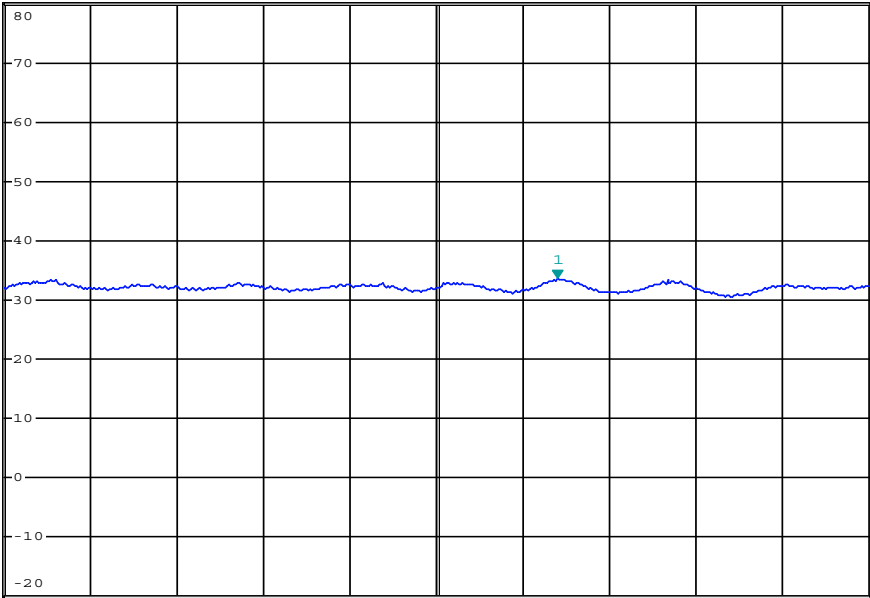
- GHz

Radiated Emissions



1 RM
VIEW

Ref 80 dBμV *Att 0 dB *RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.55 dBμV
SWT 90 ms 16.41600000 GHz



Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 23.APR.2021 14:37:04

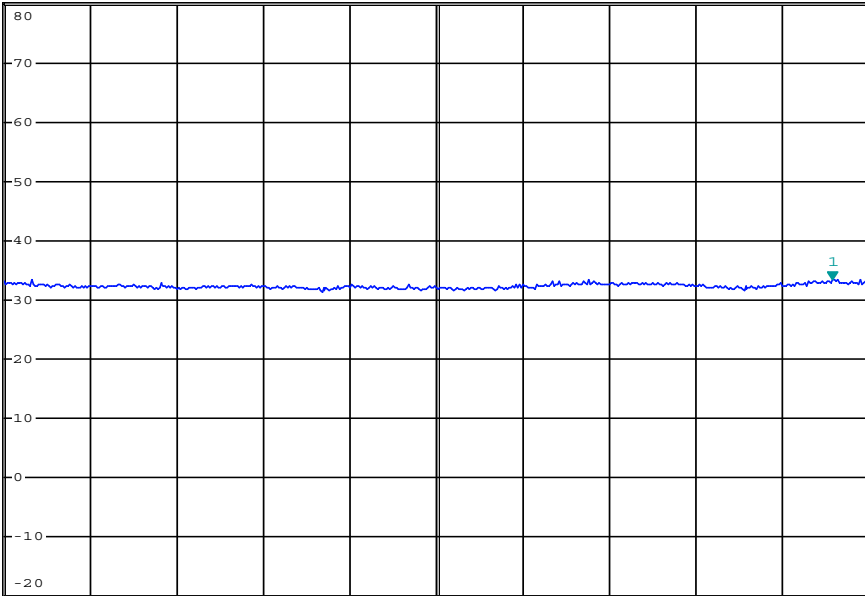
Frequency Range: 13.6-18 GHz	Antenna Polarization: Vertical	Measured Emission: ND dBuV/m
		Emission Frequency - GHz

Radiated Emissions



1 RM
VIEW

Ref 80 dBμV *Att 0 dB *RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.54 dBμV
SWT 40 ms 19.91600000 GHz



Start 18 GHz 200 MHz/ Stop 20 GHz

Date: 23.APR.2021 14:58:11

Frequency Range: 18-20 GHz	Antenna Polarization: Horizontal	Measured Emission: ND dBuV/m
		Emission Frequency - GHz

Radiated Emissions

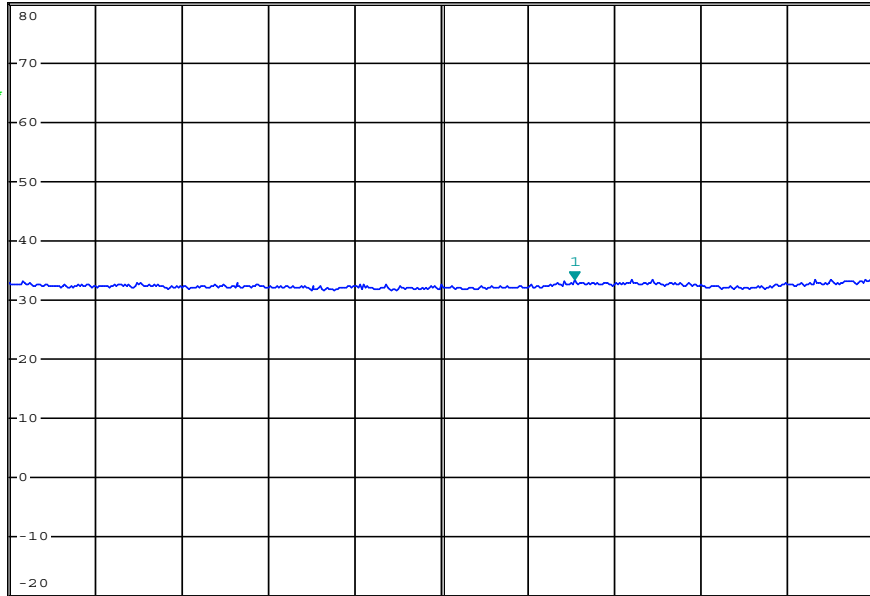


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.49 dBμV
SWT 40 ms 19.308000000 GHz

Ref 80 dBμV

*Att 0 dB

1 RM
VIEW



Start 18 GHz

200 MHz/

Stop 20 GHz

Date: 23.APR.2021 14:54:41

Frequency Range:

18-20 GHz

Antenna Polarization:

Vertical

Measured Emission:

ND dBuV/m

Emission Frequency

- GHz