

§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

$$E_{Corr} = E_{Meas} + L_C + AFC$$

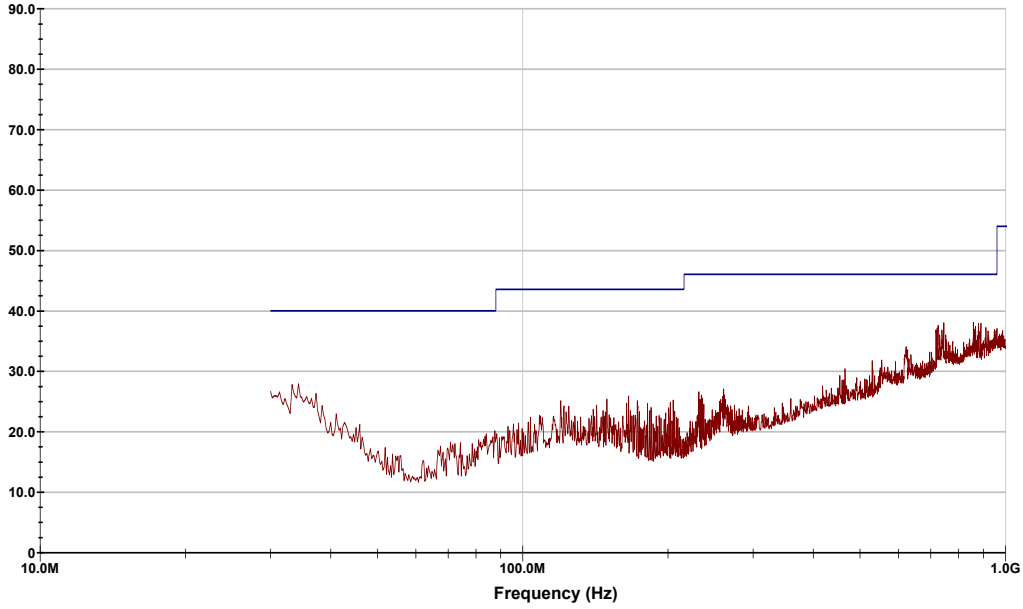
$$Margin = Limit - E_{Corr}$$

** 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

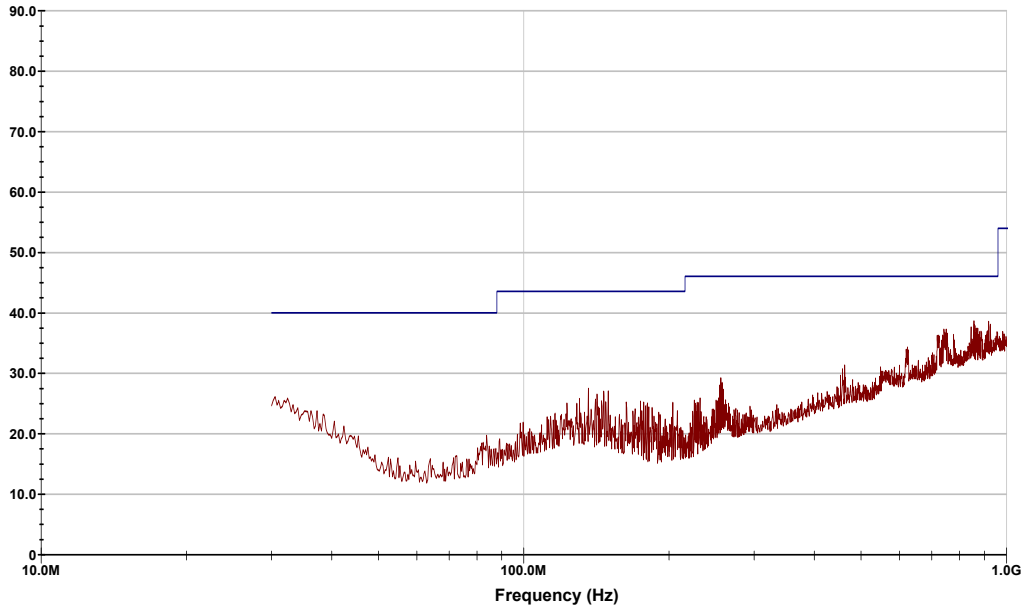
856.5 MHz

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

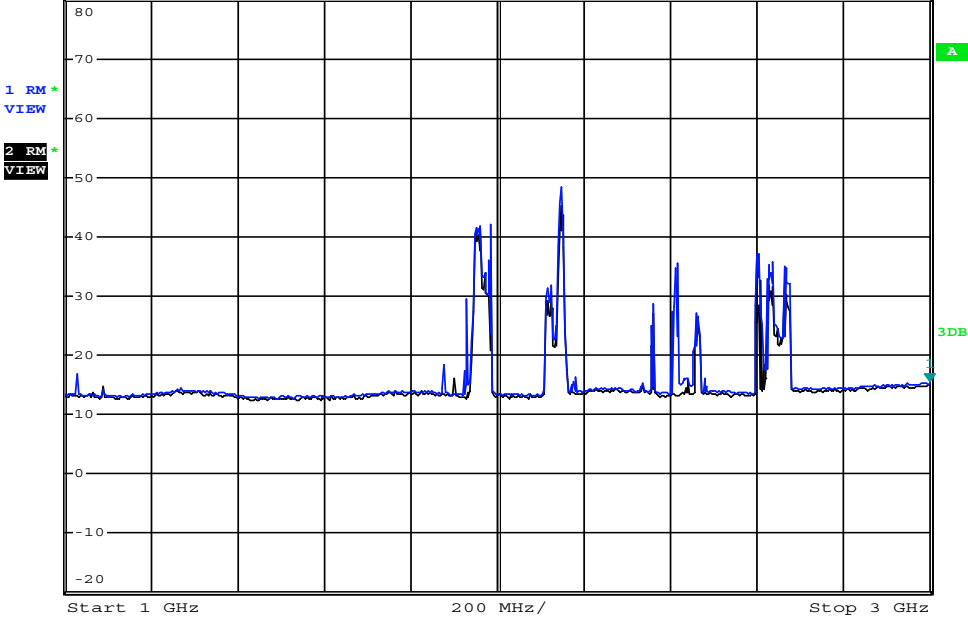
727.0 MHz

Radiated Emissions



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 15.54 dBμV
 *Att 0 dB *SWT 50 ms 3.000000000 GHz

Ref 80 dBμV



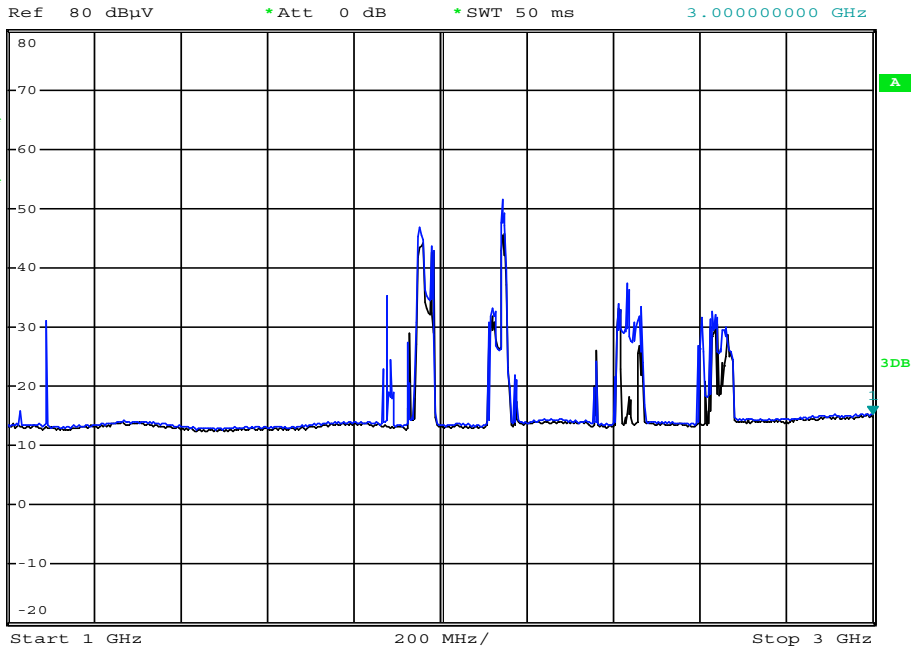
Date: 23.APR.2021 14:39:36

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



*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 15.43 dBuV
 *Att 0 dB *SWT 50 ms 3.000000000 GHz



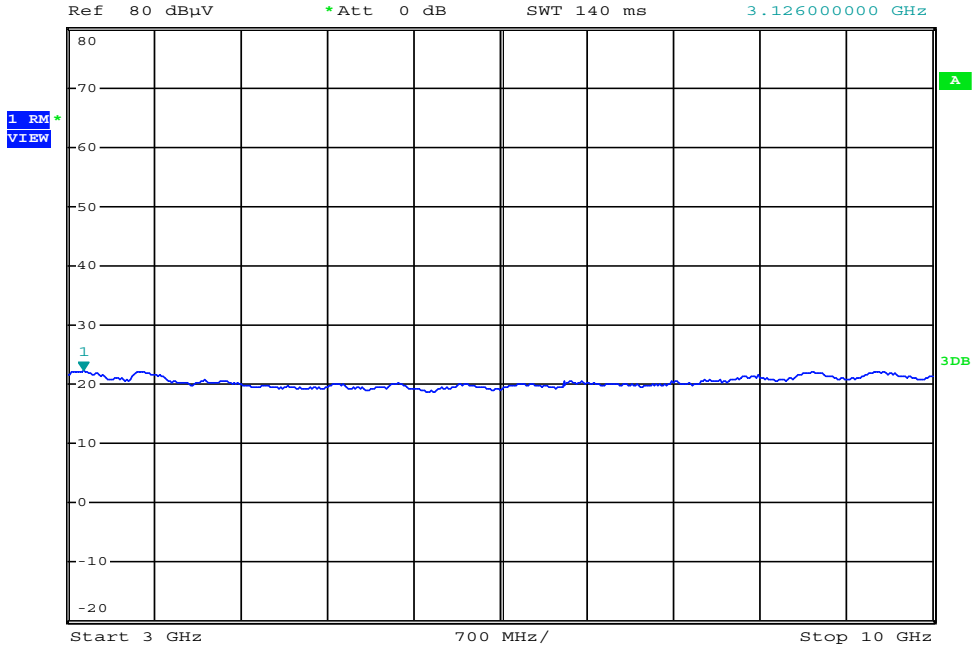
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Frequency Range: 1-3 GHz	Antenna Polarization: Vertical	Measured Emission: ND dBuV/m
Trace 1: Ambient	Trace 2: DUT + Ambient	Emission Frequency - GHz

Radiated Emissions



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



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

Frequency Range:
3-10 GHz

Antenna Polarization:
Horizontal

Measured Emission:
ND dBuV/m

Emission Frequency
- GHz

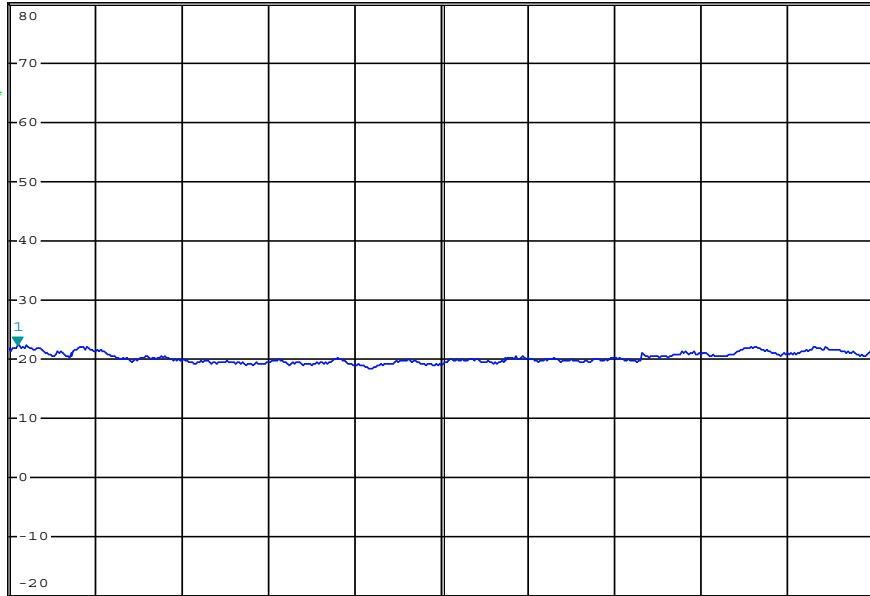
Radiated Emissions



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 22.37 dBμV
SWT 140 ms 3.070000000 GHz

Ref 80 dBμV *Att 0 dB

1 RM*
VIEW



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

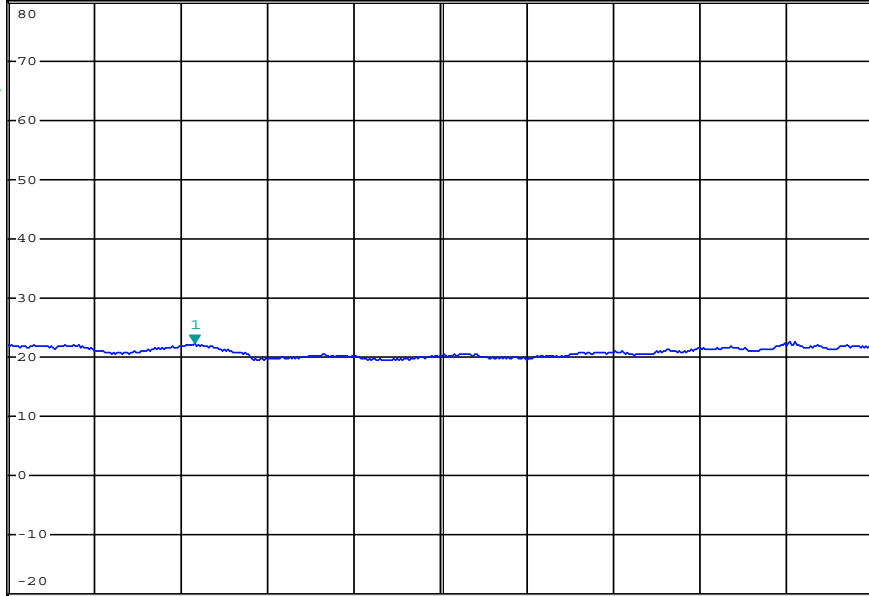
Radiated Emissions



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 22.41 dBμV
SWT 75 ms 10.777600000 GHz

Ref 80 dBμV *Att 0 dB

1 RM*
MAXH



Start 10 GHz 360 MHz/ Stop 13.6 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

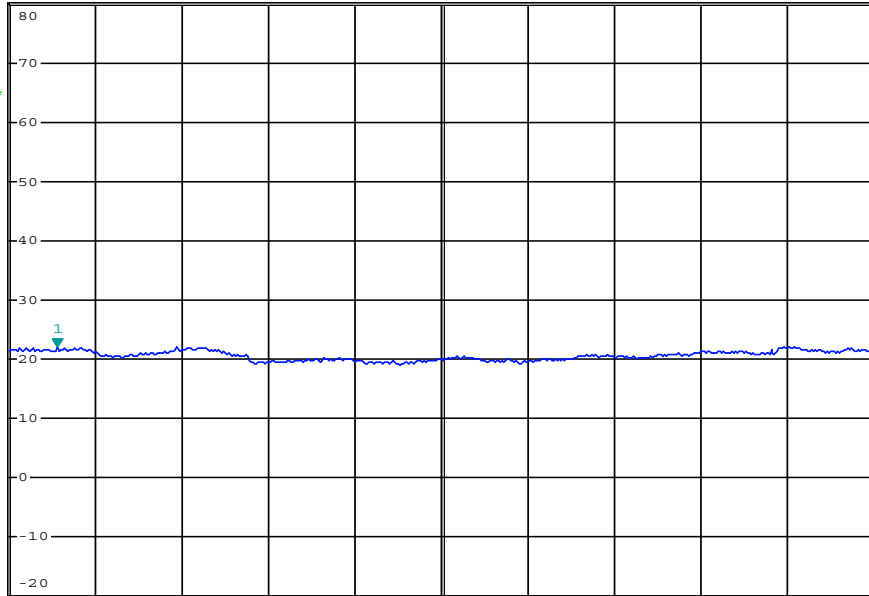
Radiated Emissions



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 22.18 dBμV
SWT 75 ms 10.201600000 GHz

Ref 80 dBμV *Att 0 dB

1 RM*
VIEW



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

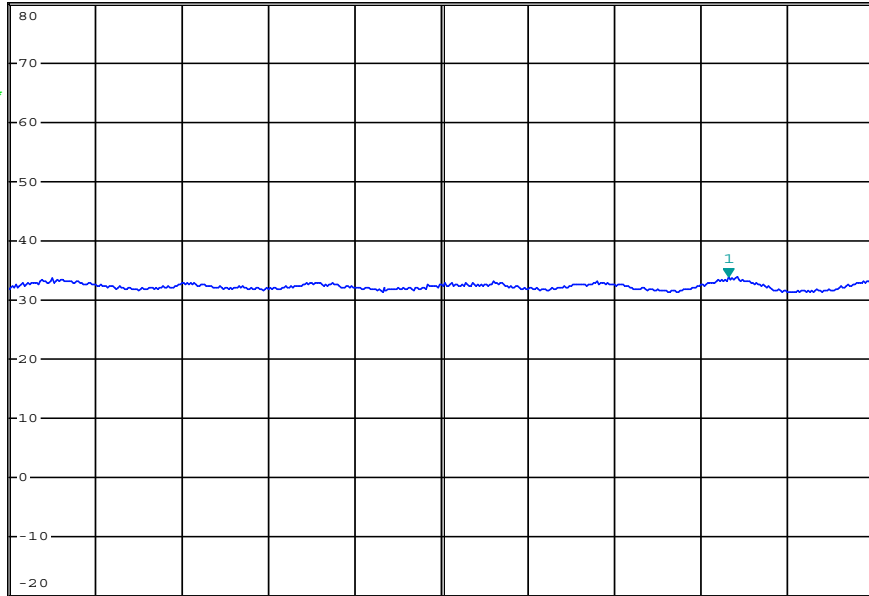
Radiated Emissions



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.88 dB μ V
SWT 70 ms 16.42880000 GHz

Ref 80 dB μ V *Att 0 dB

1 RM*
VIEW



Start 13.6 GHz 340 MHz/ Stop 17 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

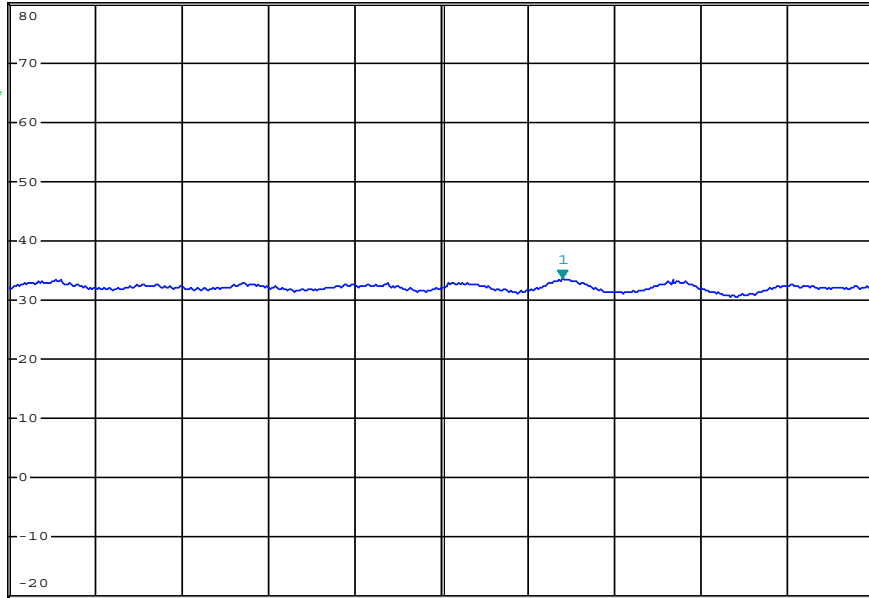
Radiated Emissions



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.55 dBμV
SWT 90 ms 16.41600000 GHz

Ref 80 dBμV *Att 0 dB

1 RM*
VIEW



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

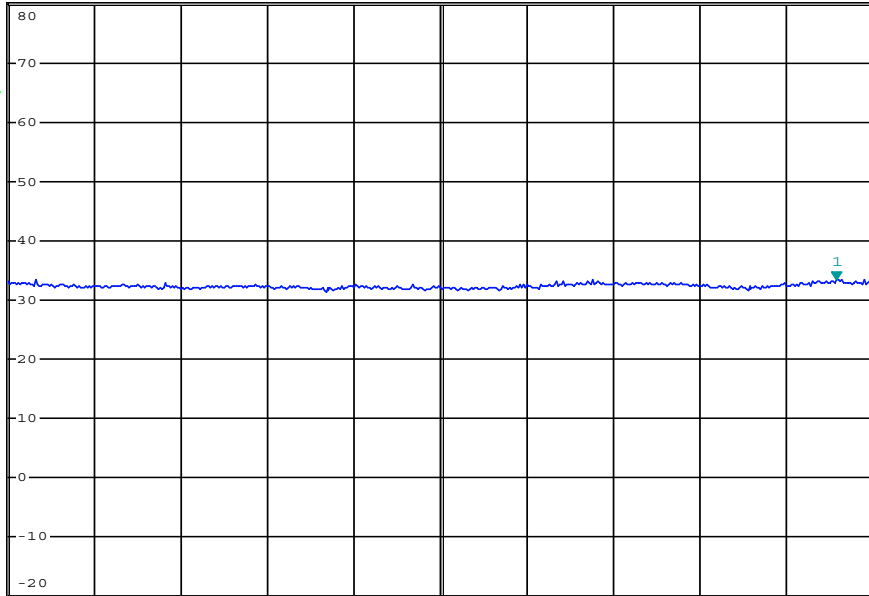
Radiated Emissions



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 33.54 dBuV
SWT 40 ms 19.91600000 GHz

Ref 80 dBuV *Att 0 dB

1 RM*
VIEW



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

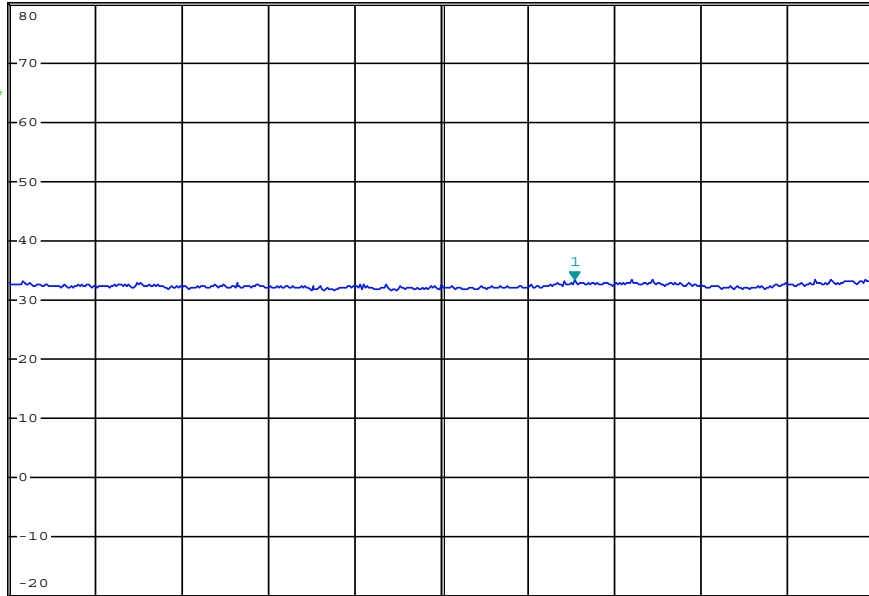
Radiated Emissions



*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