

Summary of Radiated Tx Emissions (Restricted Band)

Measured Frequency Range (MHz)	Channel Frequency (MHz)	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)
9kHz - 30MHz	916.0	Front	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
9kHz - 30MHz	916.0	Side	ND	ND (1)	0.00	0.00	0.00 (3)	ND (2)	n/a	n/a
30-1000MHz	916.0	Horizontal	96.69MHz	23.9	0.00	0.00	0.00 (3)	23.9 (2)	43.5	19.6
30-1000MHz	916.0	Horizontal	105.06MHz	25.6	0.00	0.00	0.00 (3)	25.6 (2)	43.5	17.9
30-1000MHz	916.0	Horizontal	142.05MHz	26.4	0.00	0.00	0.00 (3)	26.4 (2)	43.5	17.1
30-1000MHz	916.0	Horizontal	464.5MHz	33.5	0.00	0.00	0.00 (3)	33.5 (2)	46.0	12.5
1 - 3GHz	916.0	Horizontal	ND	ND (1)	27.40	4.58	0.00 (3)	ND	60.0	n/a
1 - 3GHz	916.0	Vertical	ND	ND (1)	27.40	4.58	0.00 (3)	ND	60.0	n/a
3-10GHz	916.0	Horizontal	ND	ND (1)	36.76	9.86	0.00 (3)	ND	60.0	n/a
3-10GHz	916.0	Vertical	ND	ND (1)	36.76	9.86	0.00 (3)	ND	60.0	n/a
Results:									Complies	

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

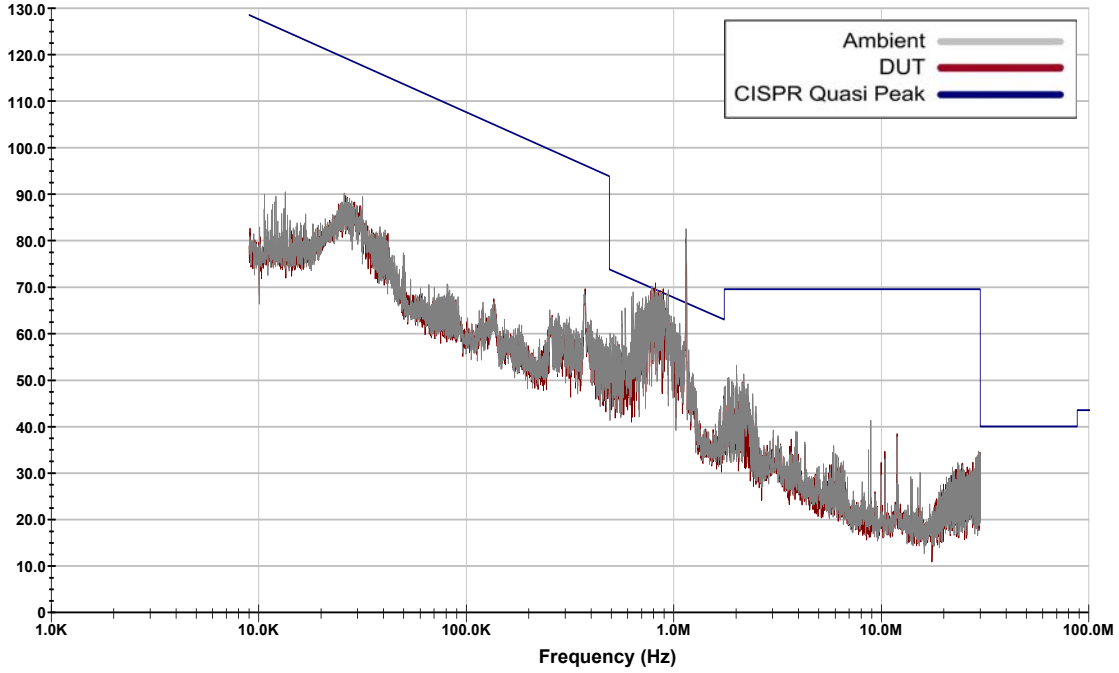
(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

(3) External Amplifier not used

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

Radiated Tx Emissions: Restricted Band

Zenner - GM3
Radiated Tx Emissions - 9kHz - 30MHz
OATS - Loop Front



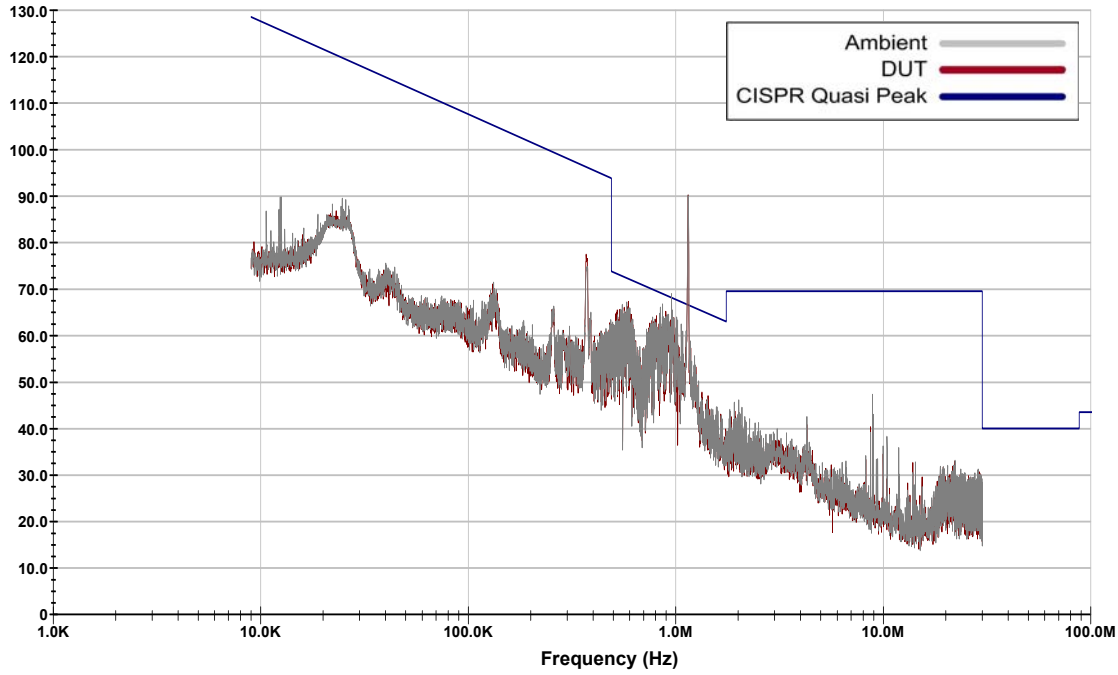
09:14:09 AM, Monday, August 30, 2021

Profile Build: 2020.10.19

Antenna	Emission	Measured
Polarization	Frequency (MHz)	Emission (dBm)
Front	ND	ND

Radiated Tx Emissions: Restricted Band

Zenner - GM3
Radiated Tx Emissions - 9kHz - 30MHz
OATS - Loop Side



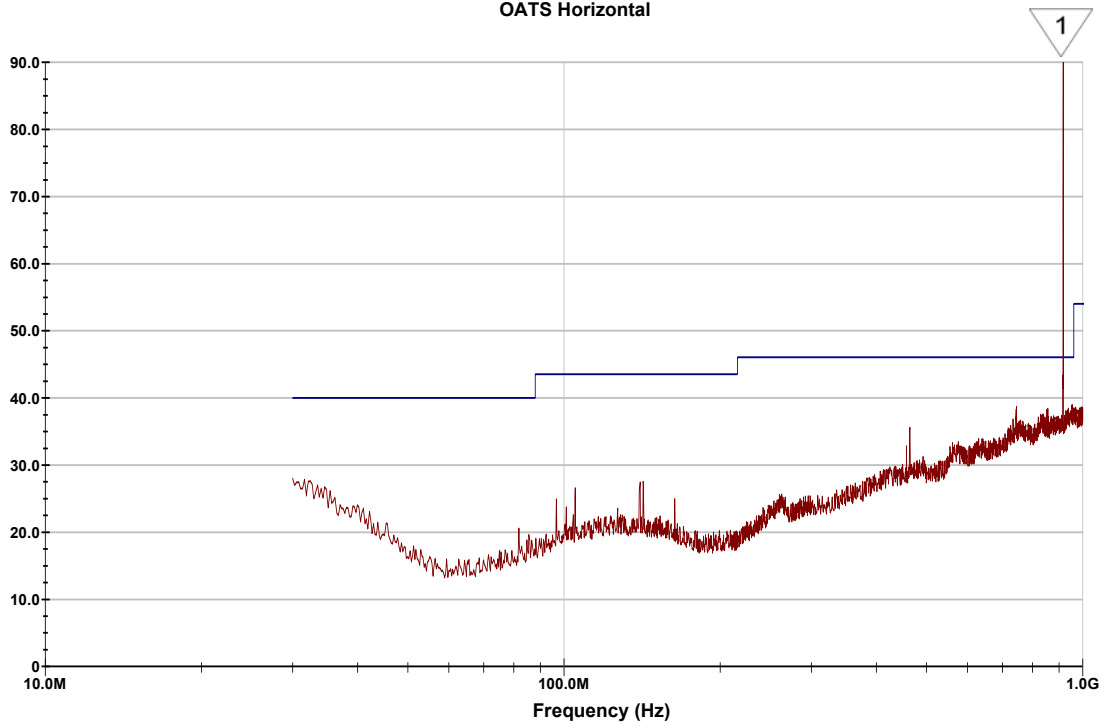
09:14:10 AM, Monday, August 30, 2021

Profile Build: 2020.10.19

Antenna	Emission	Measured
Polarization	Frequency (MHz)	Emission (dBm)
Side	ND	ND

Radiated Tx Emissions: Restricted Band

Zenner - GM3
Radiated Tx Emissions - 30MHz-1GHz
OATS Horizontal



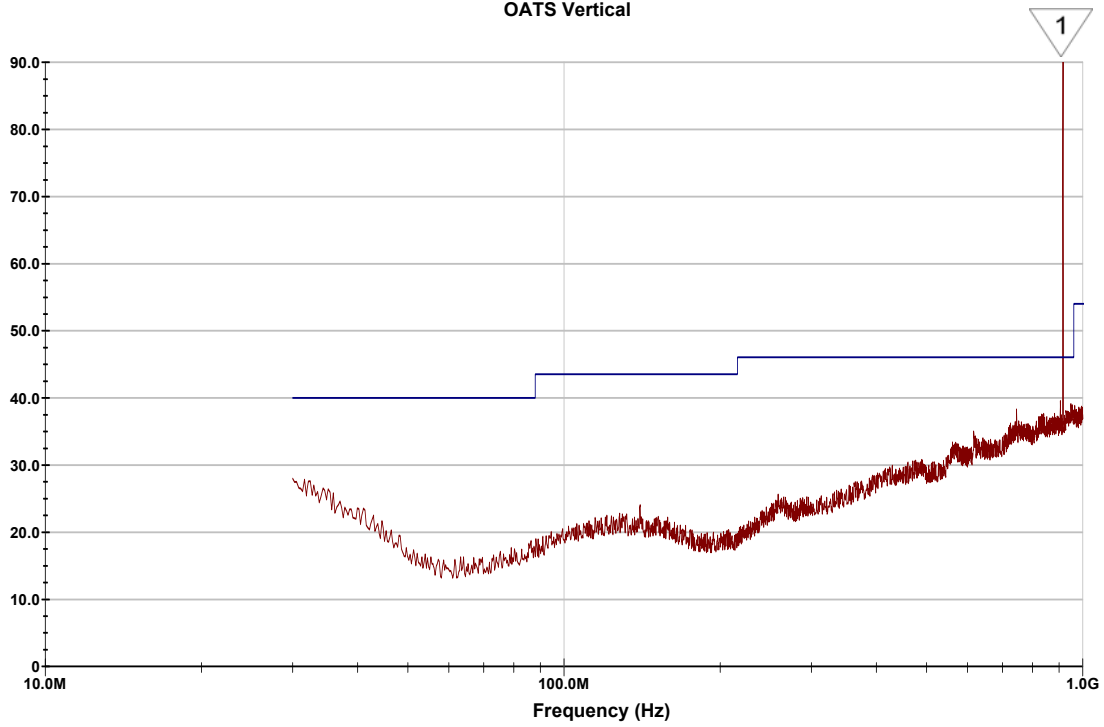
09:46:52 AM, Monday, August 30, 2021

Profile Build: 2020.10.19

Antenna	Marker	Emission Frequency (MHz)	Measured Emission (dBm)
Polarization	1		
Horizontal	Fundamental	-	-

Radiated Tx Emissions: Restricted Band

Zenner - GM3
Radiated Tx Emissions 30 MHz - 1 GHz
OATS Vertical



09:46:52 AM, Monday, August 30, 2021

Profile Build: 2020.10.19

Antenna	Marker	Emission	Measured
Polarization	1	Frequency	Emission
Vertical	Fundamental	(MHz)	(dBm)
		-	-

Radiated Tx Emissions: Restricted Band



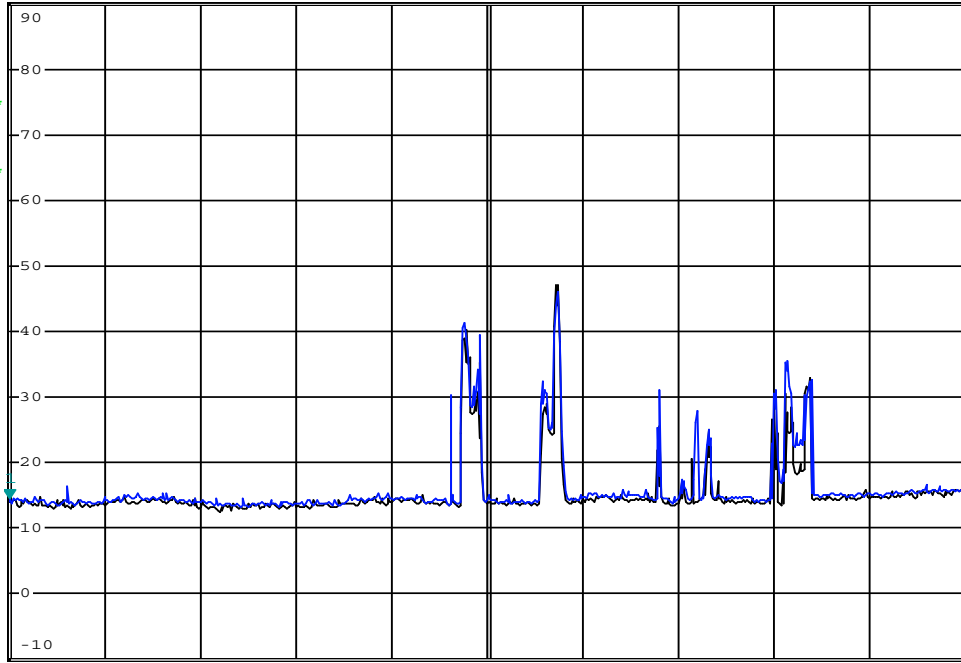
*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 14.50 dBμV
 SWT 10 ms 1.000000000 GHz

Ref 90 dBμV

*Att 0 dB

1 RM*
VIEW

2 RM*
VIEW



Start 1 GHz

200 MHz/

Stop 3 GHz

Date: 5.JUL.2021 10:46:01

Trace	Trace	Antenna	Emission	Measured
1	2	Polarization	Frequency	Emission
Ambient	DUT	Horizontal	(MHz)	(dBm)
			ND	ND

Radiated Tx Emissions: Restricted Band



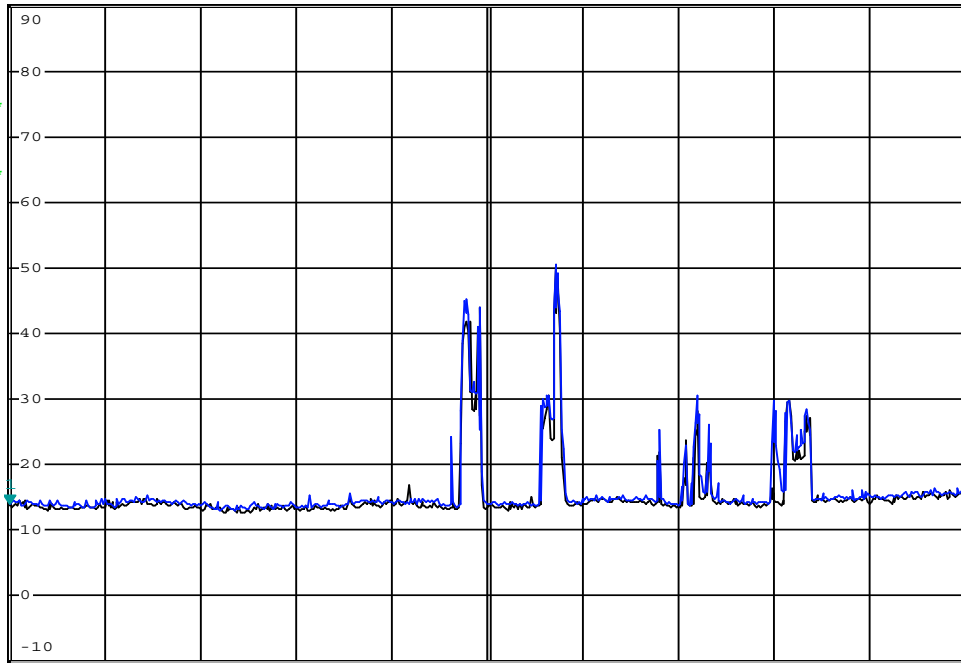
*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 13.94 dBμV
 SWT 10 ms 1.000000000 GHz

Ref 90 dBμV

*Att 0 dB

1 RM*
VIEW

2 RM*
VIEW



Start 1 GHz

200 MHz/

Stop 3 GHz

Date: 5.JUL.2021 10:50:44

Trace	Trace	Antenna	Emission	Measured
1	2	Polarization	Frequency	Emission
Ambient	DUT	Vertical	(MHz)	(dBm)
			ND	ND

Radiated Tx Emissions: Restricted Band

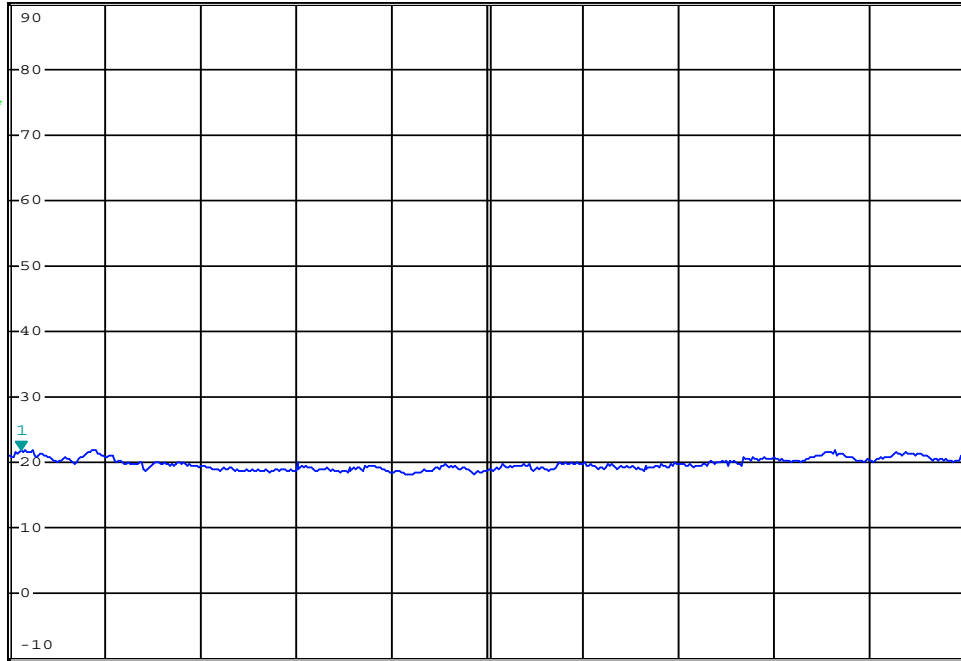


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 21.93 dBμV
 SWT 140 ms 3.084000000 GHz

Ref 90 dBμV

*Att 0 dB

1 RM*
 VIEW



Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 5.JUL.2021 10:46:44

Antenna Polarization	Emission Frequency (MHz)	Measured Emission (dBm)
Horizontal	ND	ND

Radiated Tx Emissions: Restricted Band

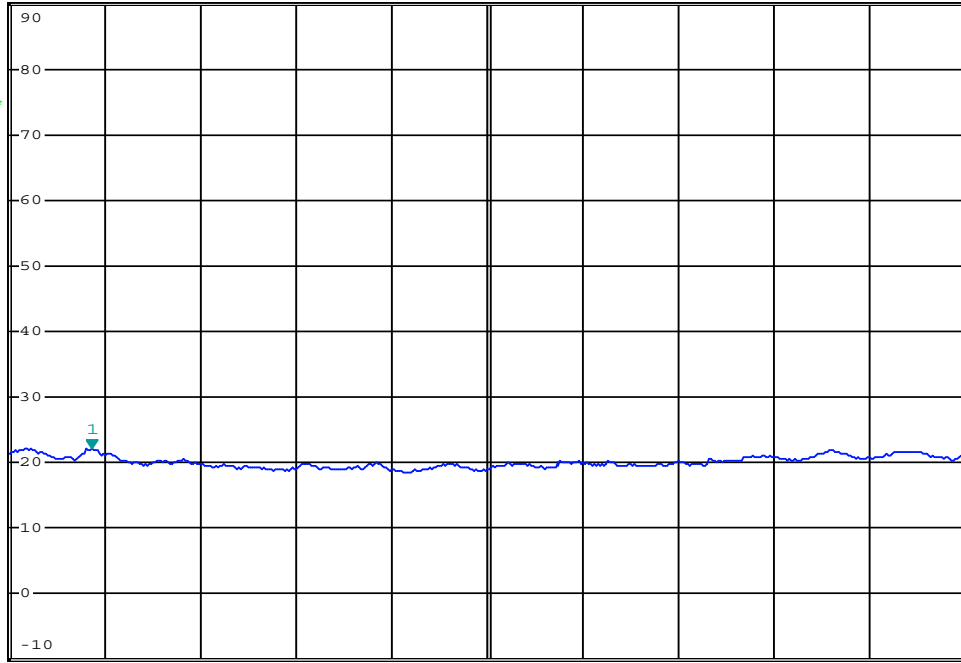


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz 22.16 dBμV
 SWT 140 ms 3.602000000 GHz

Ref 90 dBμV

*Att 0 dB

1 RM*
 VIEW



Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 5.JUL.2021 10:51:26

Antenna Polarization	Emission Frequency (MHz)	Measured Emission (dBm)
Vertical	ND	ND