

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	750.1MHz	39.2	0.00	0.00	0.00 (3)	39.2 (2)	56.9	17.7
30-1000MHz	916.0	Horizontal	854.4MHz	40.2	0.00	0.00	0.00 (3)	40.2 (2)	56.9	16.7
30-1000MHz	916.0	Vertical	729.4MHz	40.4	0.00	0.00	0.00 (3)	40.4 (2)	56.9	16.5
30-1000MHz	916.0	Vertical	755.7MHz	40.5	0.00	0.00	0.00 (3)	40.5 (2)	56.9	16.4
30-1000MHz	916.0	Vertical	852.3MHz	40.9	0.00	0.00	0.00 (3)	40.9 (2)	56.9	16.0
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	

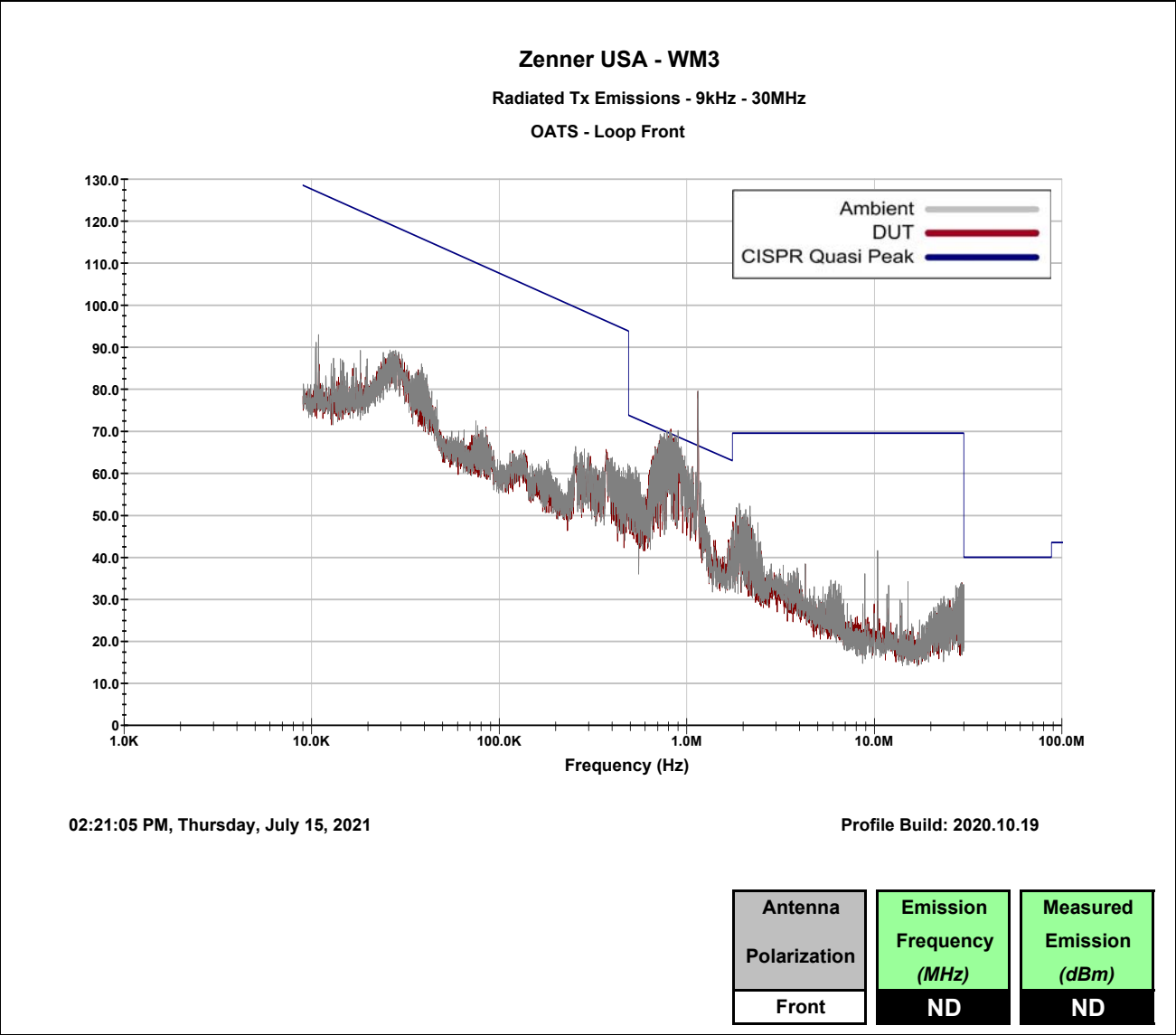
(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

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

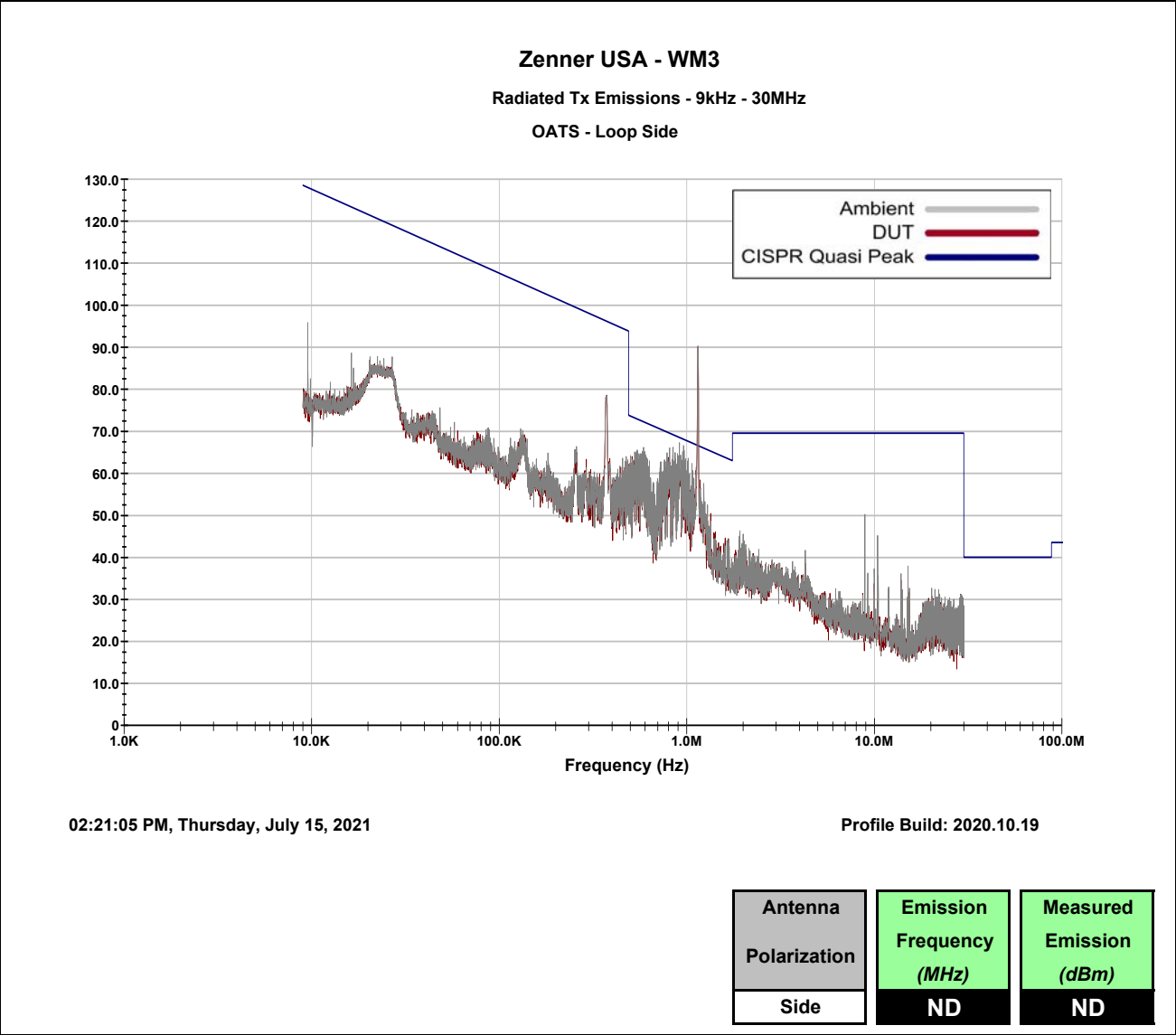
(3) External Amplifier not used

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

Radiated Tx Emissions: Restricted Band

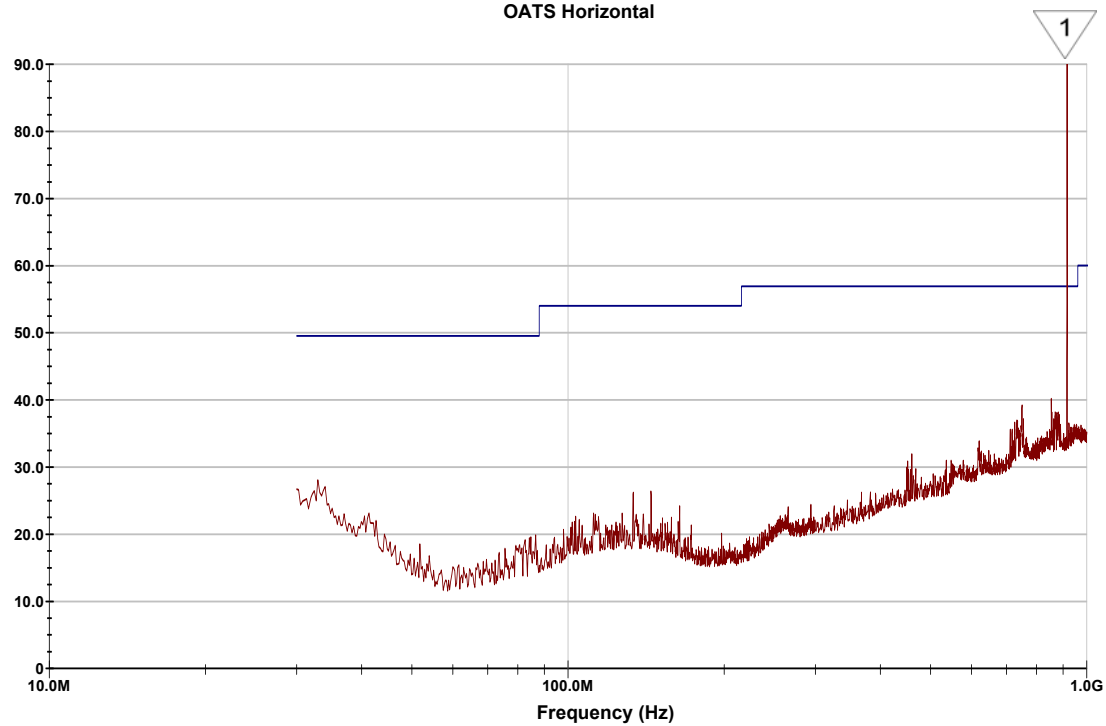


Radiated Tx Emissions: Restricted Band



Radiated Tx Emissions: Restricted Band

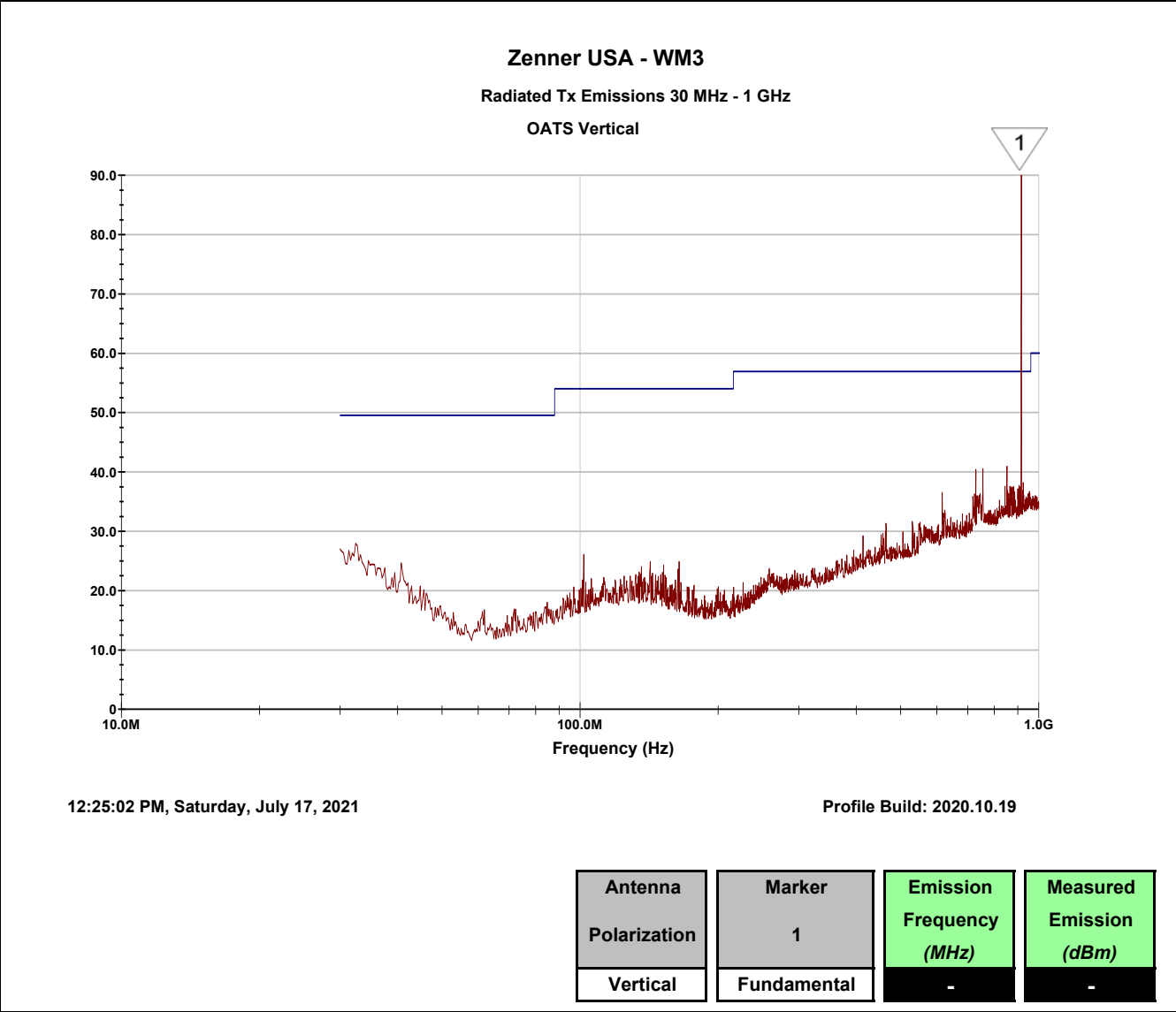
Zenner USA - Wm3
Radiated Tx Emissions - 30MHz-1GHz
OATS Horizontal



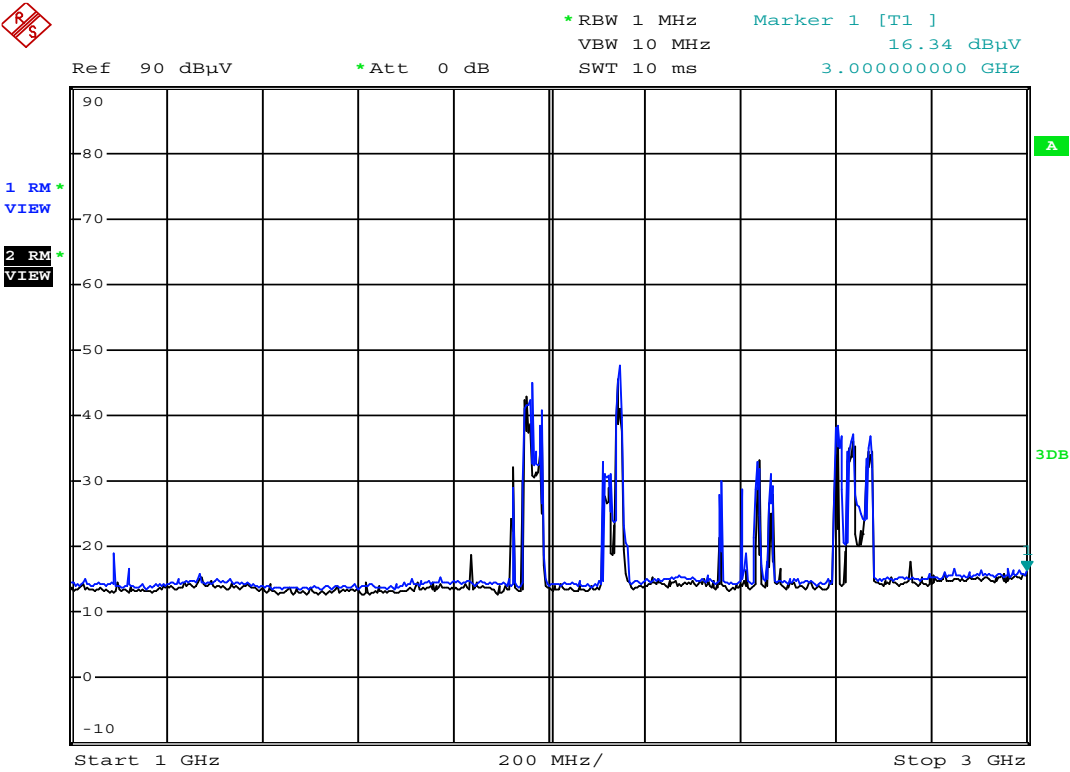
12:25:02 PM, Saturday, July 17, 2021 Profile Build: 2020.10.19

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

Radiated Tx Emissions: Restricted Band



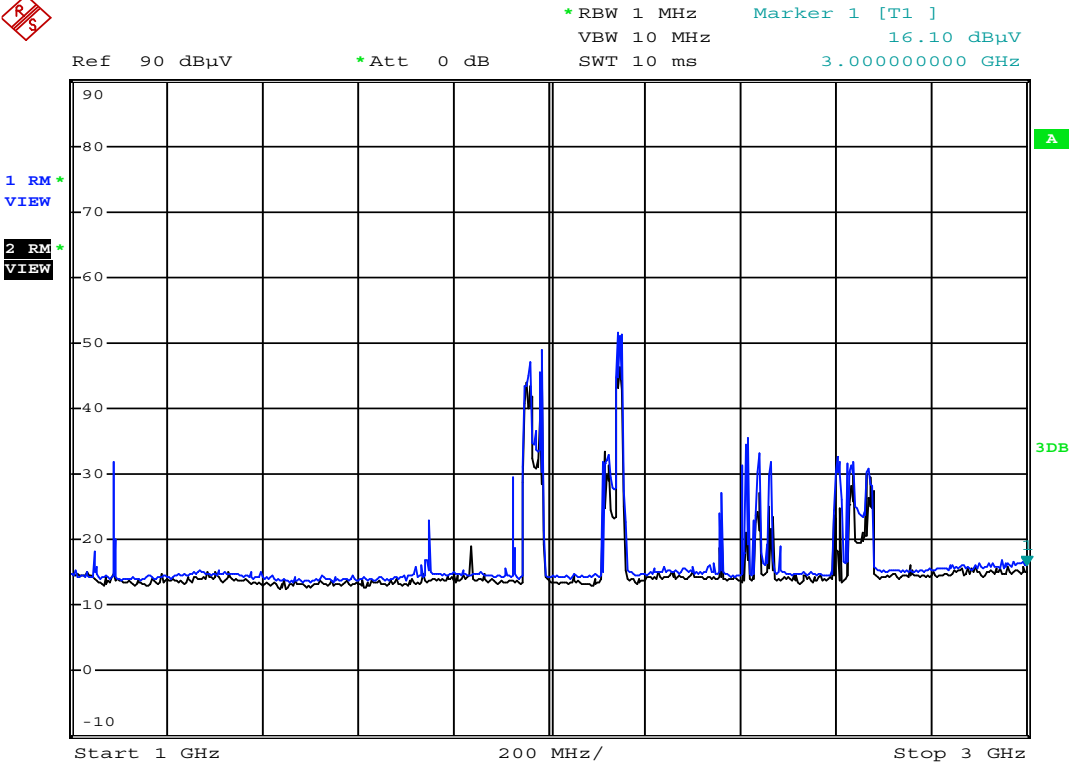
Radiated Tx Emissions: Restricted Band



Date: 5.JUL.2021 11:07:59

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

Radiated Tx Emissions: Restricted Band



Date: 5.JUL.2021 11:02:07

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

Radiated Tx Emissions: Restricted Band

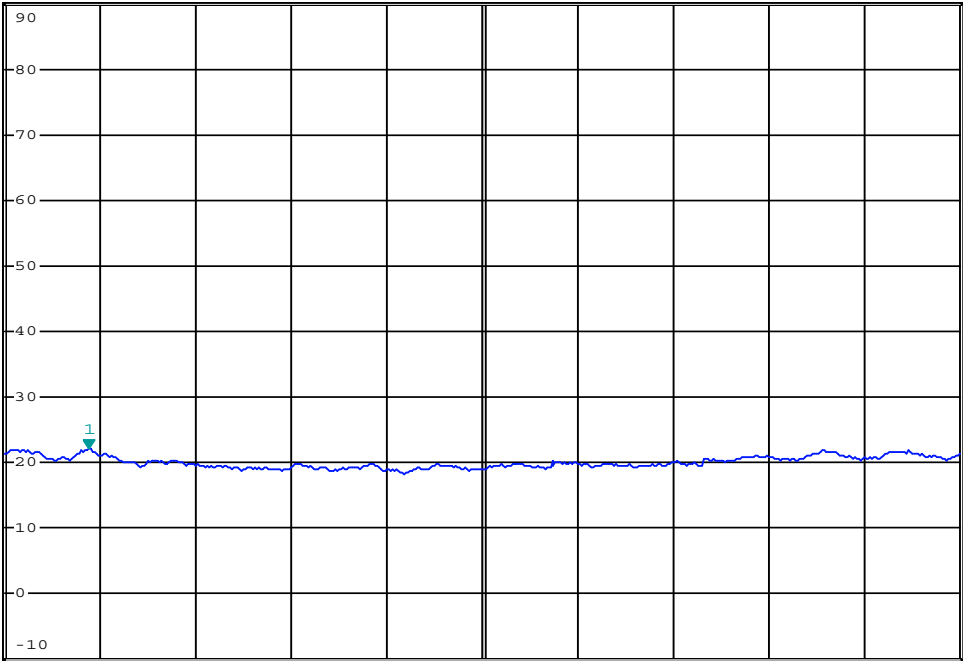


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 22.05 dBμV
SWT 140 ms 3.616000000 GHz

Ref 90 dBμV

*Att 0 dB

1 RM
VIEW



Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 5.JUL.2021 11:08:40

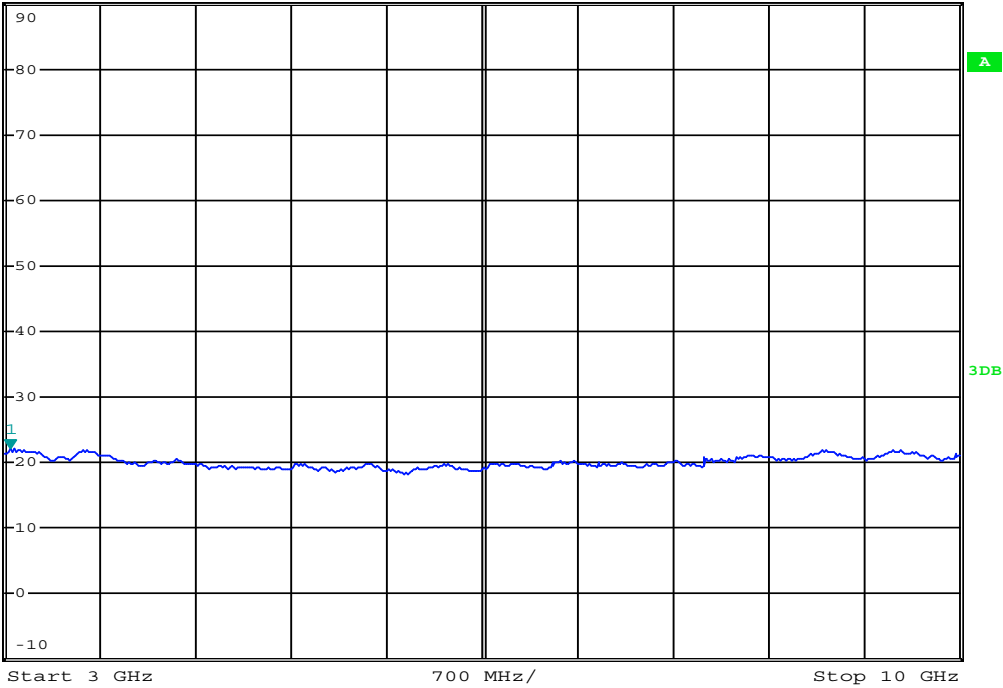
Antenna	Emission	Measured
Polarization	Frequency	Emission
Horizontal	(MHz)	(dBm)
	ND	ND

Radiated Tx Emissions: Restricted Band



1 RM
VIEW

Ref 90 dBμV *Att 0 dB *RBW 1 MHz VBW 10 MHz Marker 1 [T1] 22.10 dBμV 3.042000000 GHz
SWT 140 ms



Date: 5.JUL.2021 11:02:50

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