

**Annex acc. to FCC Title 47 CFR Part 15  
relating to  
WERMA Signaltechnik GmbH + Co. KG  
WeASSIST Gateway 921MHz**

## **Annex no. 11**

# **Transmission Times Out of band emission**

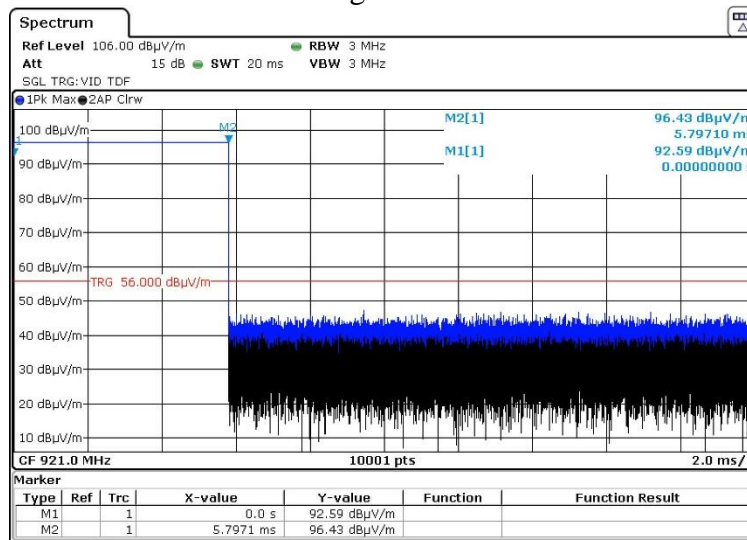
**Title 47 - Telecommunication  
Part 15 - Radio Frequency Devices  
Subpart C – Intentional Radiators  
ANSI C63.4-2014  
ANSI C63.10-2013**



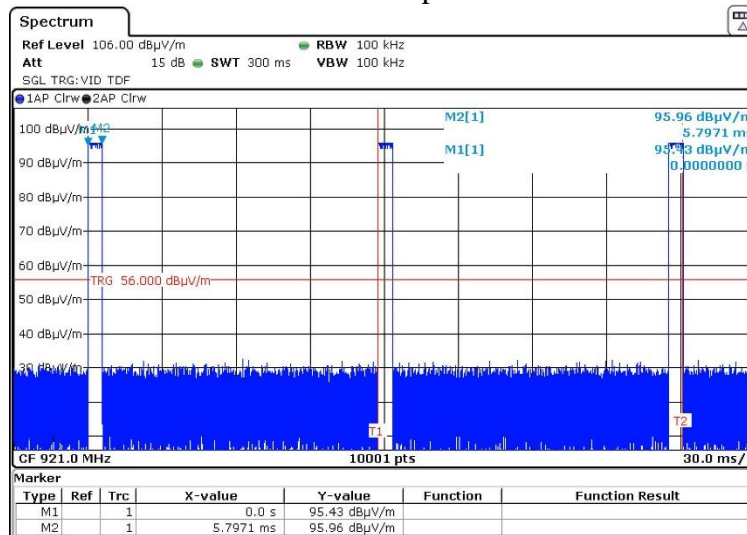
Deutsche  
Akkreditierungsstelle  
D-PL-12053-01-03

**Plots of the test – Transmission Times  
921 MHz**

Single burst

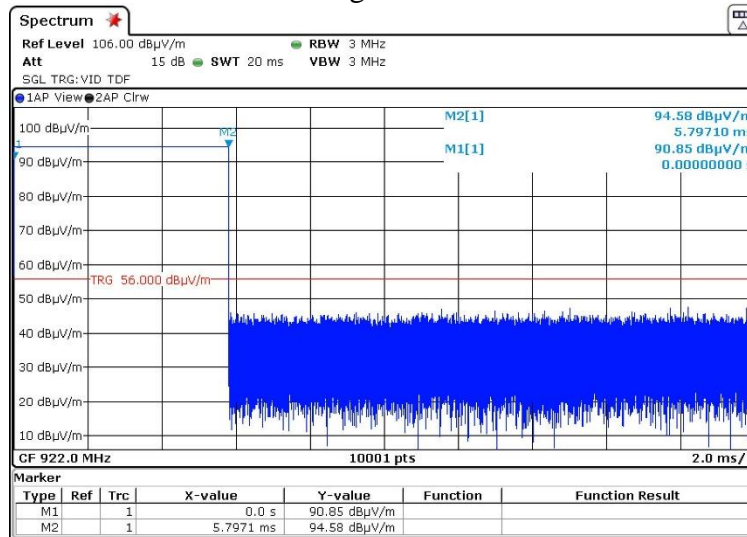


Worst case repetition

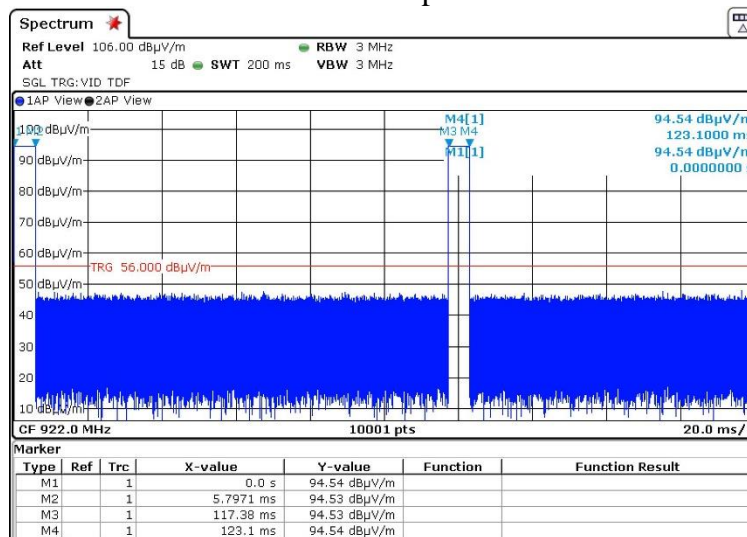


**Plots of the test –Transmission Times  
922 MHz**

**Single burst**



**Worst case repetition**



**Calculation of the Average correction factor for pulsed operated transmitter  
acc. to ANSI 63.10-2013 Section 7.5**

Worst case transmission for a single burst = 5.7971 ms

Max number of transmissions in any 100 ms = 2

Worst case transmission time in any 100 ms = 11.5942 ms

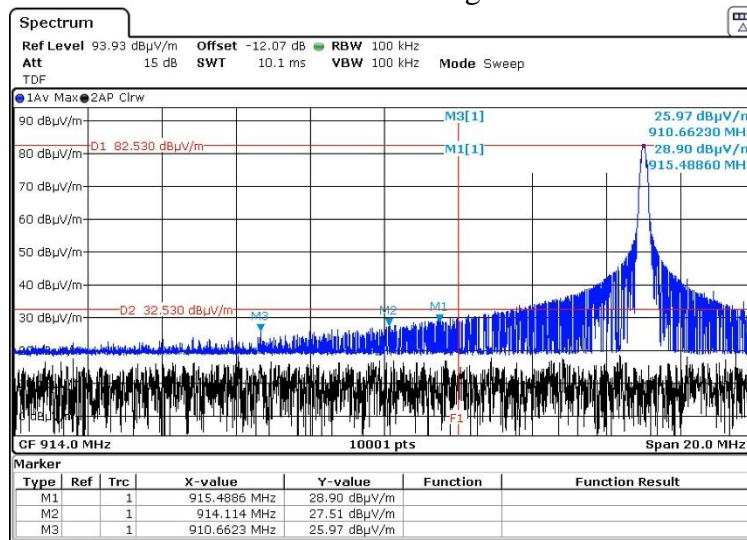
duty cycle correction =  $20\log(t_{on}/100ms)$

duty cycle correction =  $20\log(11.5942ms/100ms)$

**duty cycle correction = -18.72 dB**

Plots of the test –Out of band emissions

Lower band edge



Upper band edge

