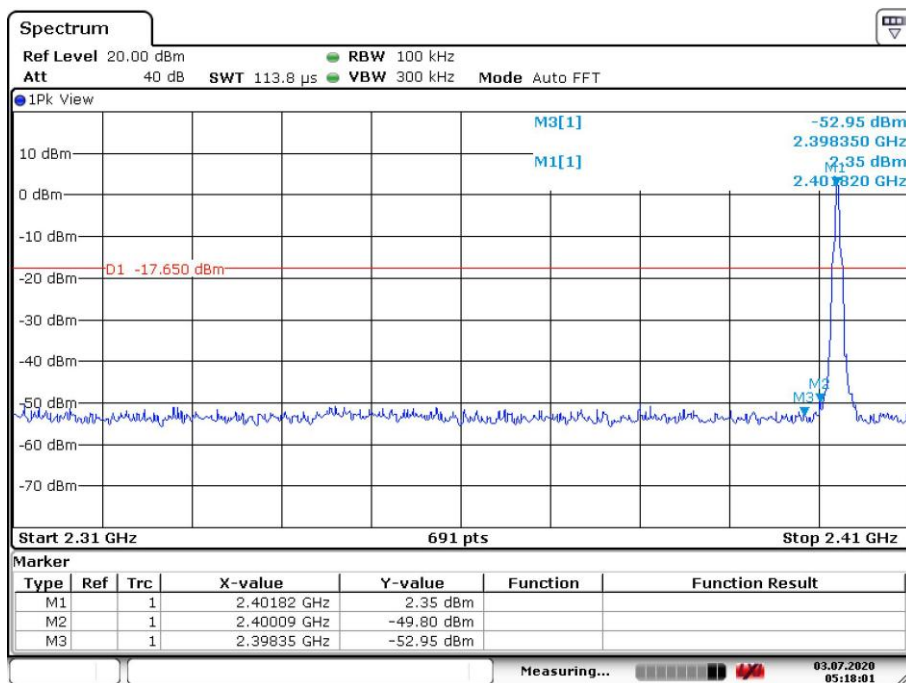
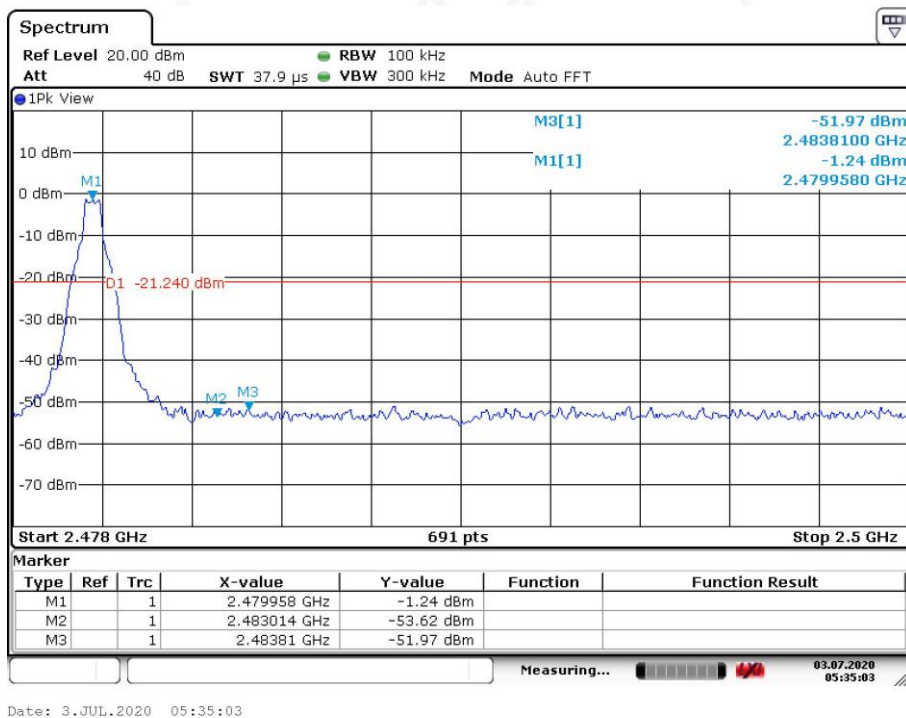


## 6.9.5 Test results

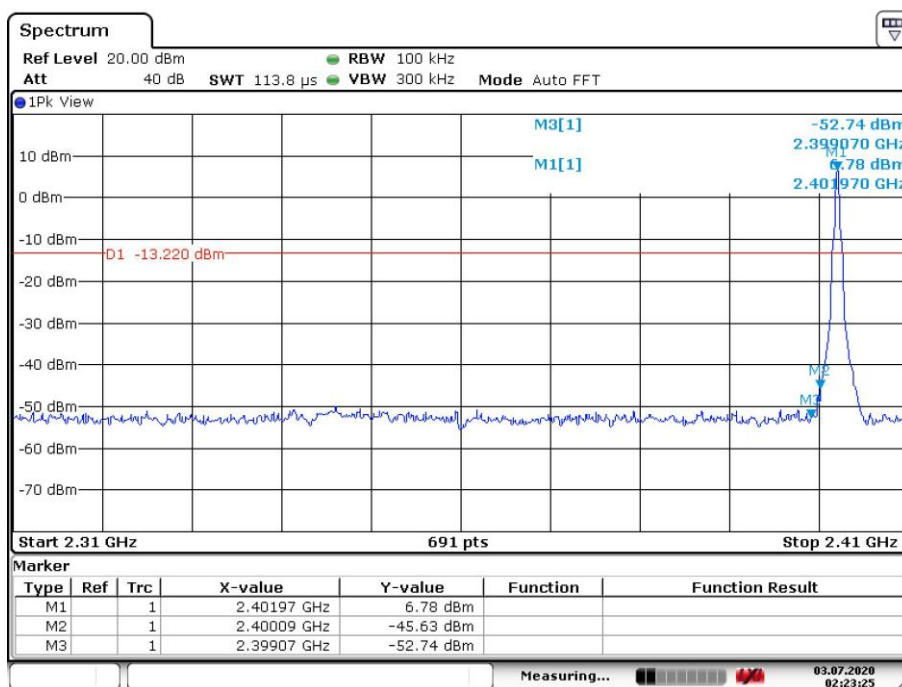
### CH00 (Lower) Data rate 1Mbps



### CH 78 (Upper) Data rate 1Mbps

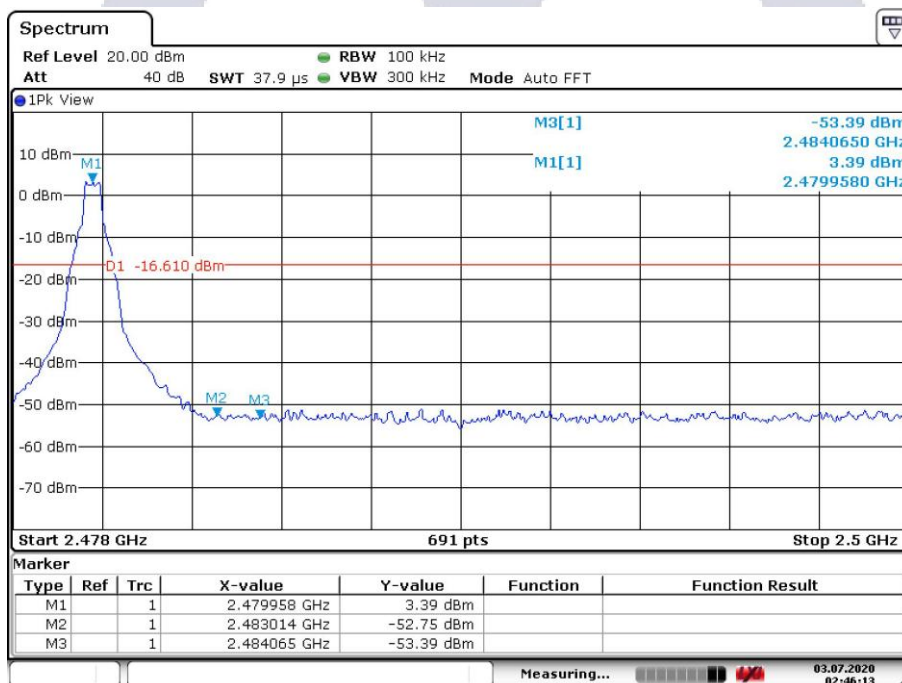


## CH00 (Lower) Data rate 2Mbps



Date: 3.JUL.2020 02:23:24

## CH 78 (Upper) Data rate 2Mbps



Date: 3.JUL.2020 02:46:12

## 6.10 Conducted Spurious Emissions

### 6.10.1 Applied procedures / Limit

15.247(d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

### 6.10.2 Test procedure

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10<sup>th</sup> harmonic. Typically, several plots are required to cover this entire span. RBW = 100 kHz  
VBW ≥ RBW, Sweep = auto, Detector function = peak, Trace = max hold  
sweep points ≥ investigated frequency range/RBW.

### 6.10.3 Deviation from standard

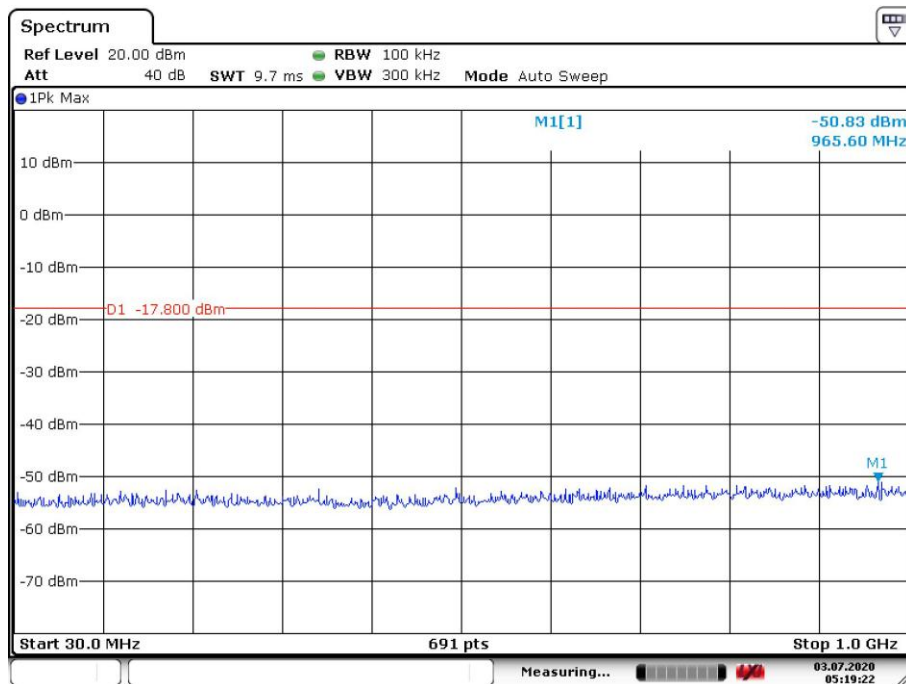
No deviation.

### 6.10.4 Test setup



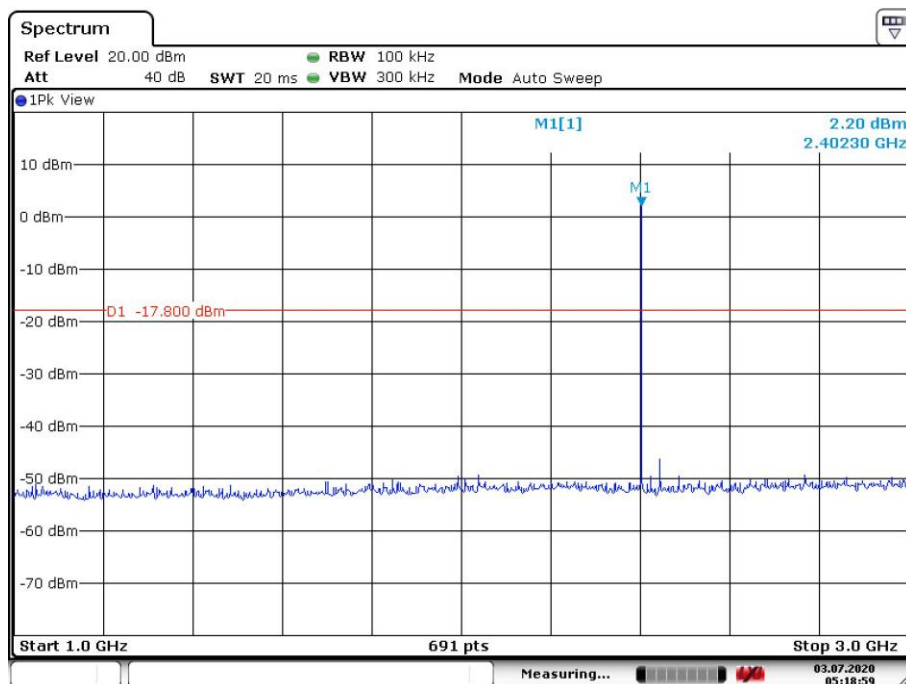
## 6.10.5 Test results

### CH00 Data rate 1Mbps



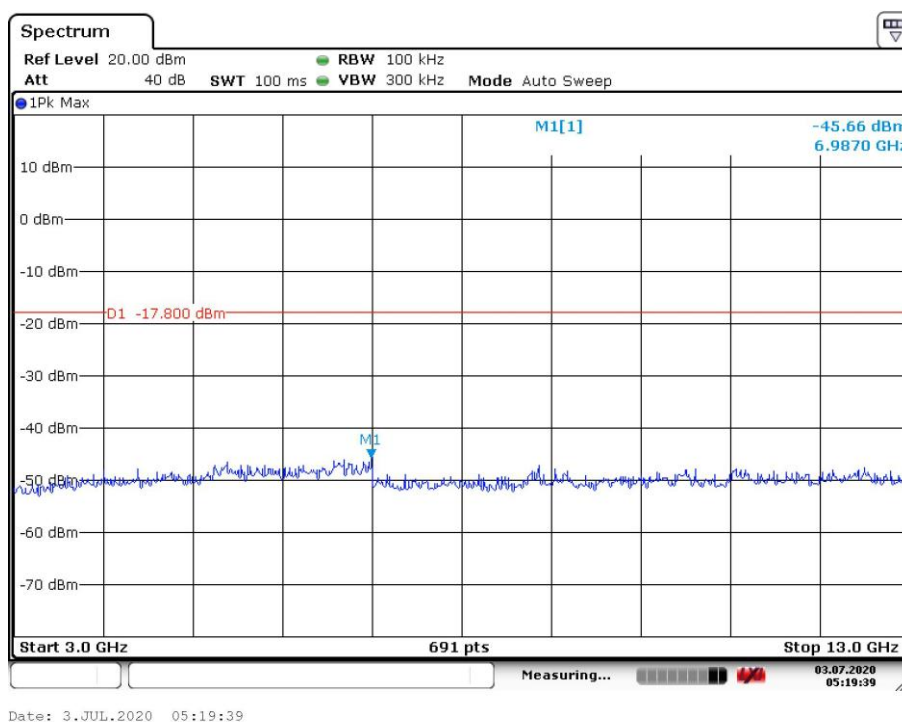
Date: 3.JUL.2020 05:19:22

### CH00 Data rate 1Mbps

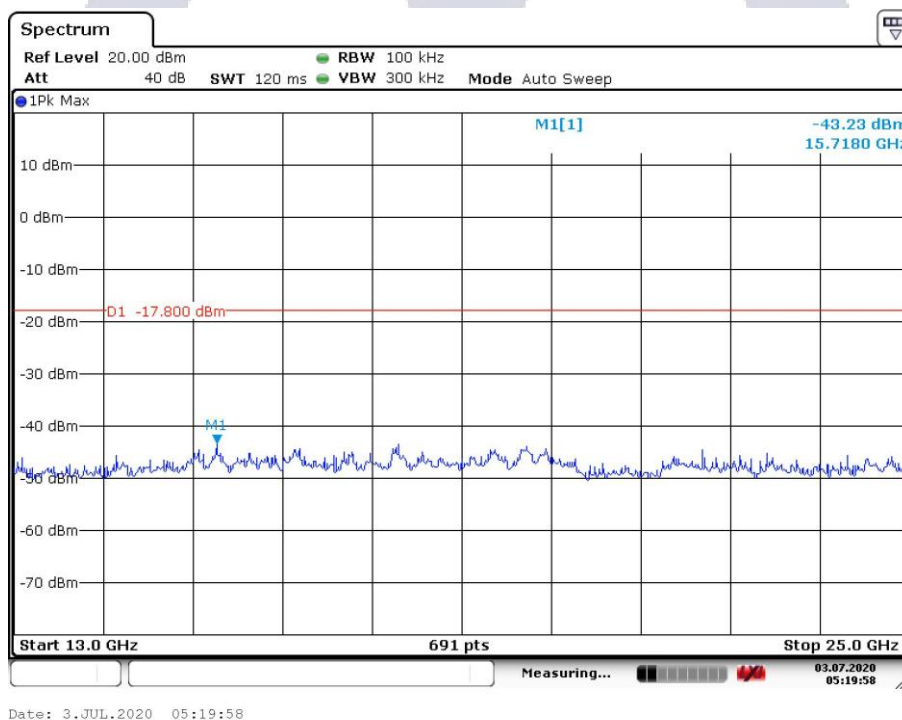


Date: 3.JUL.2020 05:18:59

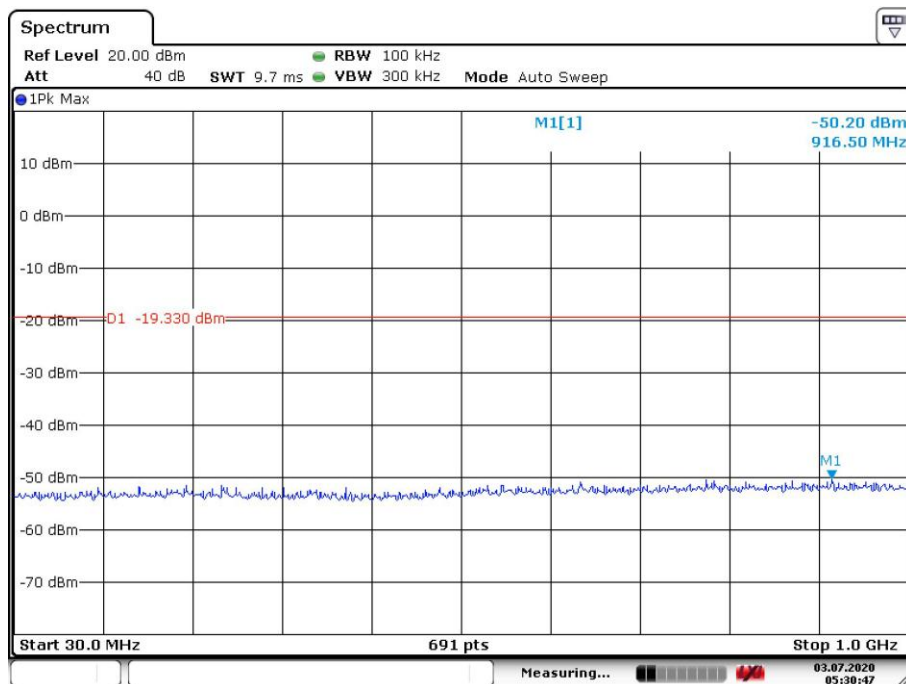
## CH00 Data rate 1Mbps



## CH00 Data rate 1Mbps

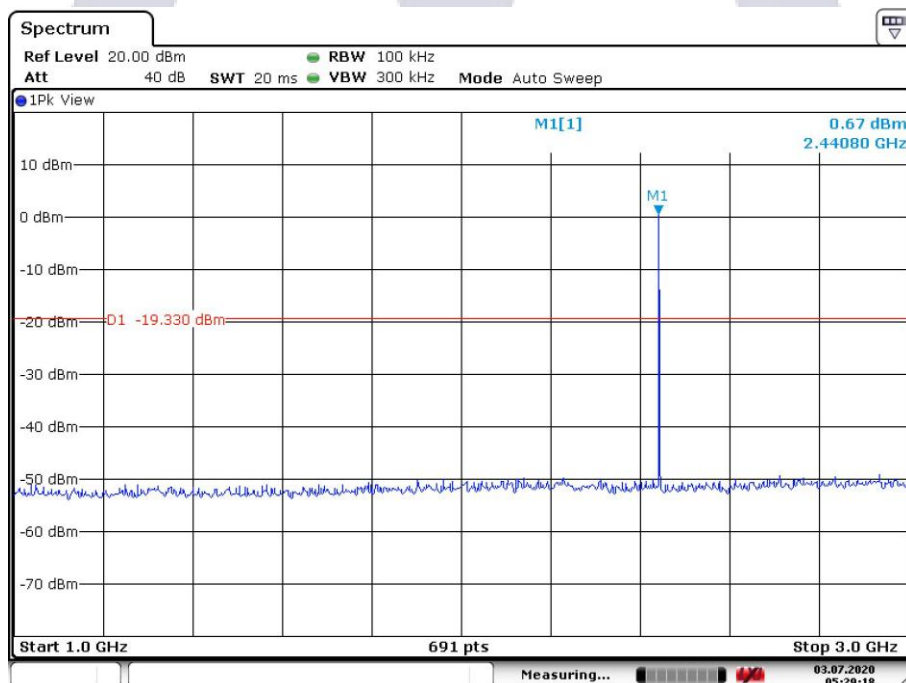


## CH39 Data rate 1Mbps



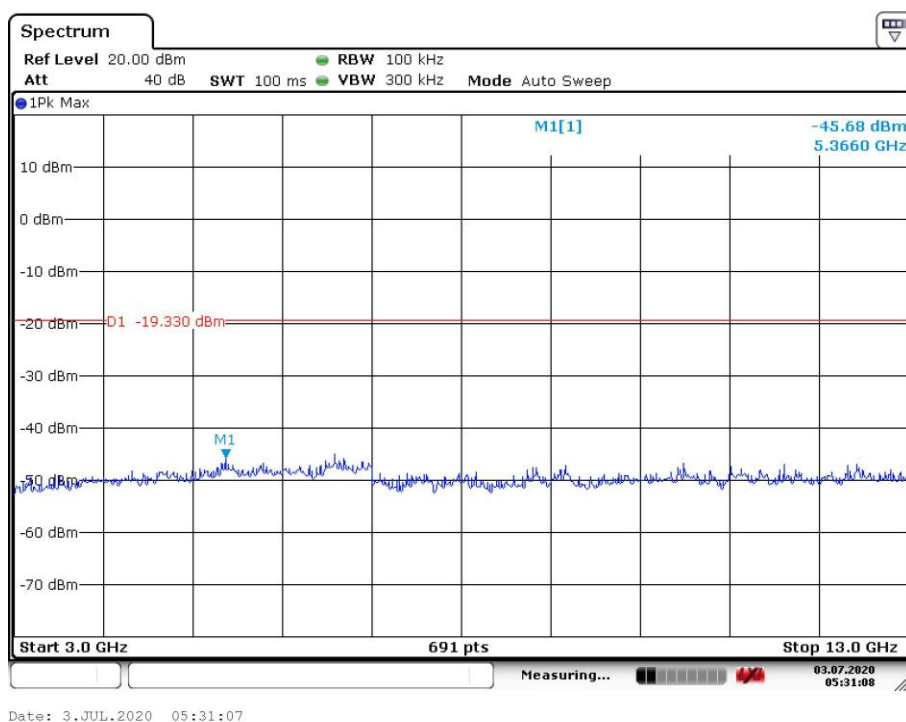
Date: 3.JUL.2020 05:30:47

## CH39 Data rate 1Mbps

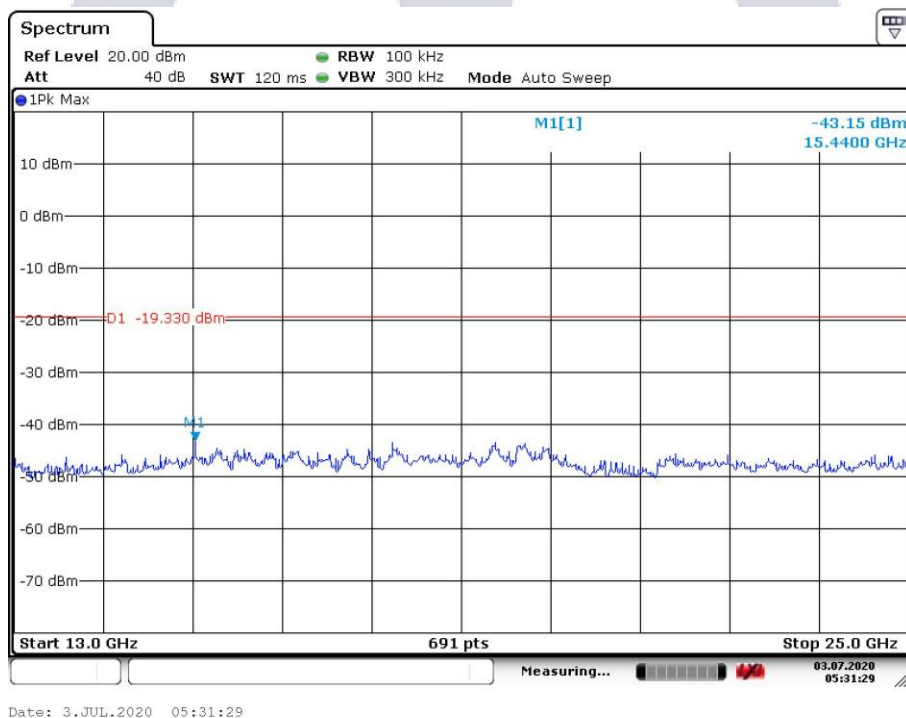


Date: 3.JUL.2020 05:29:17

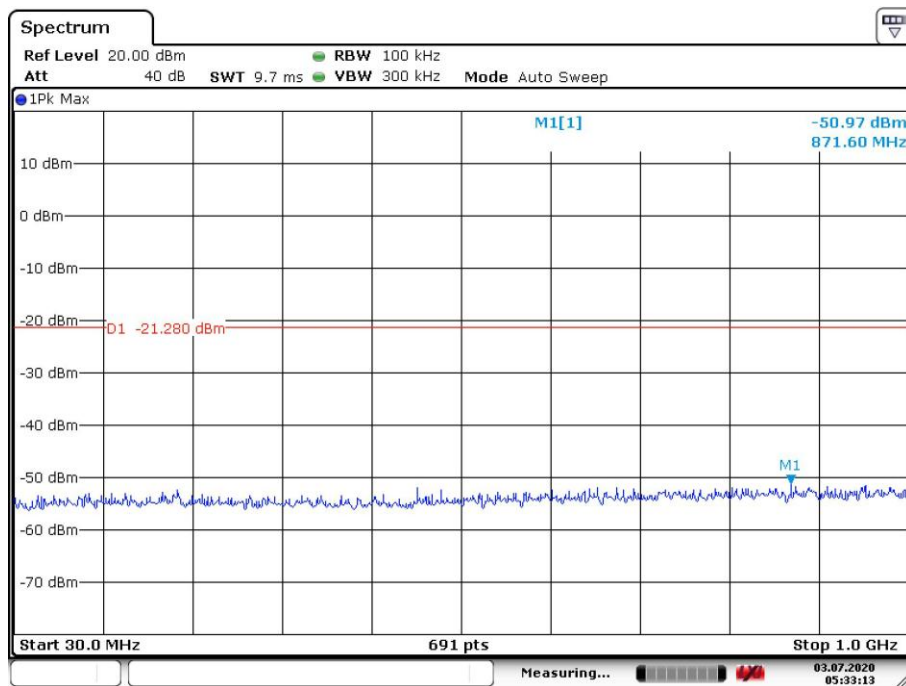
## CH39 Data rate 1Mbps



## CH39 Data rate 1Mbps

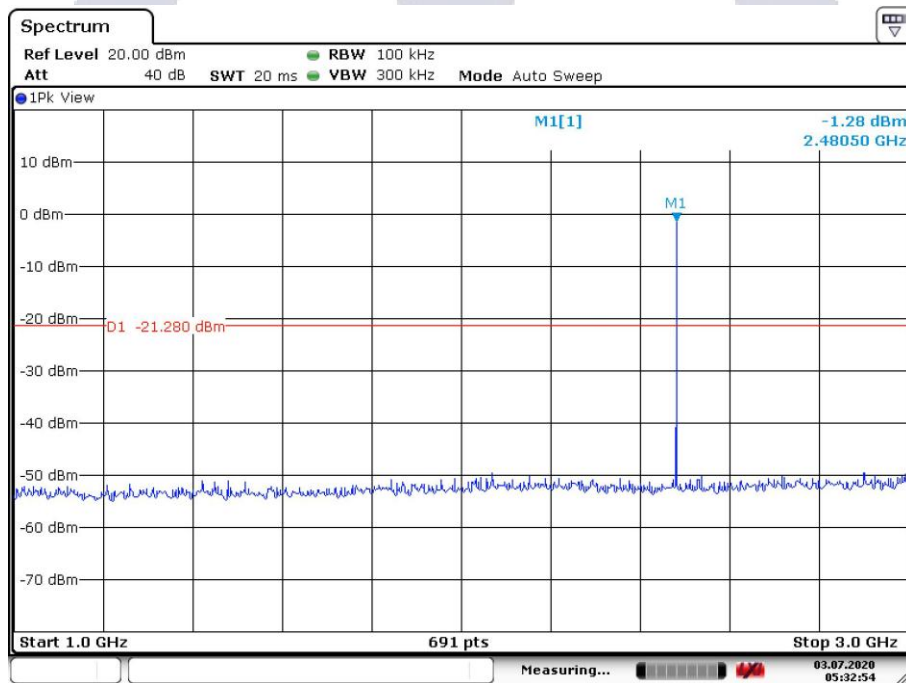


### CH78 Data rate 1Mbps



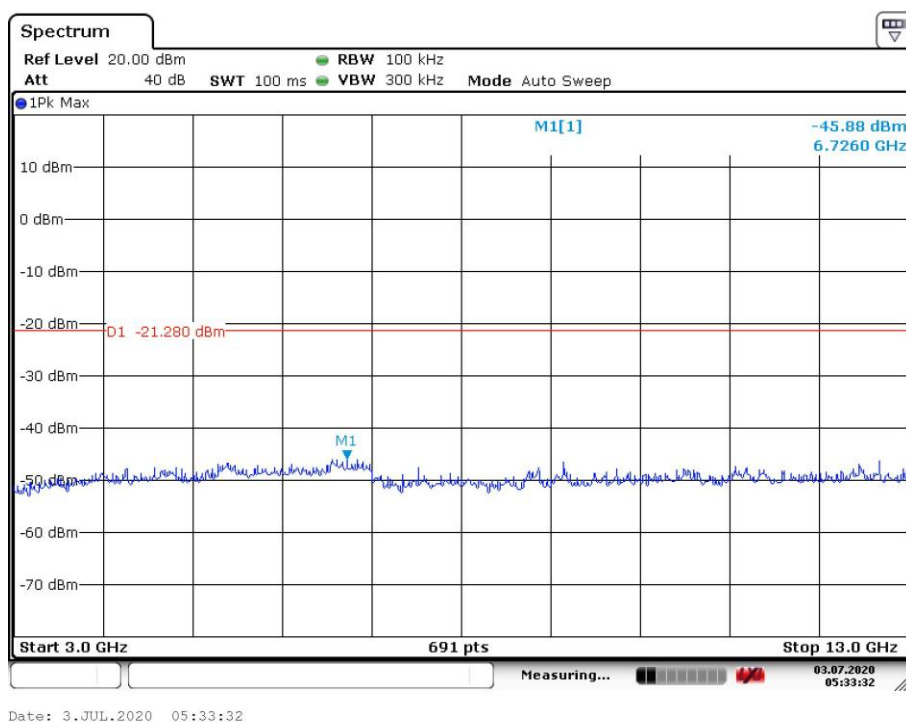
Date: 3.JUL.2020 05:33:13

### CH78 Data rate 1Mbps

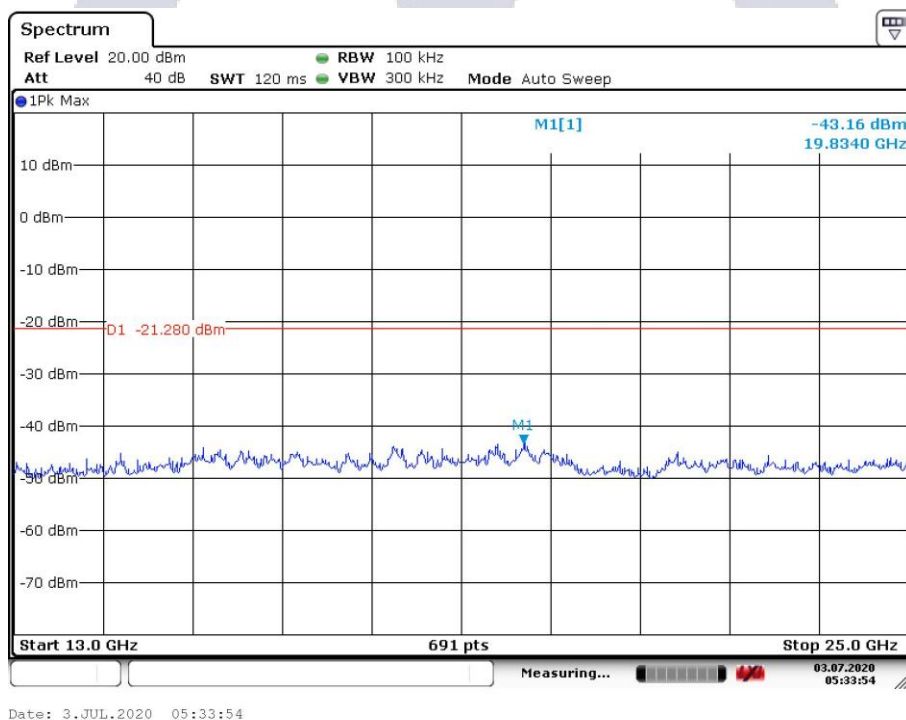


Date: 3.JUL.2020 05:32:54

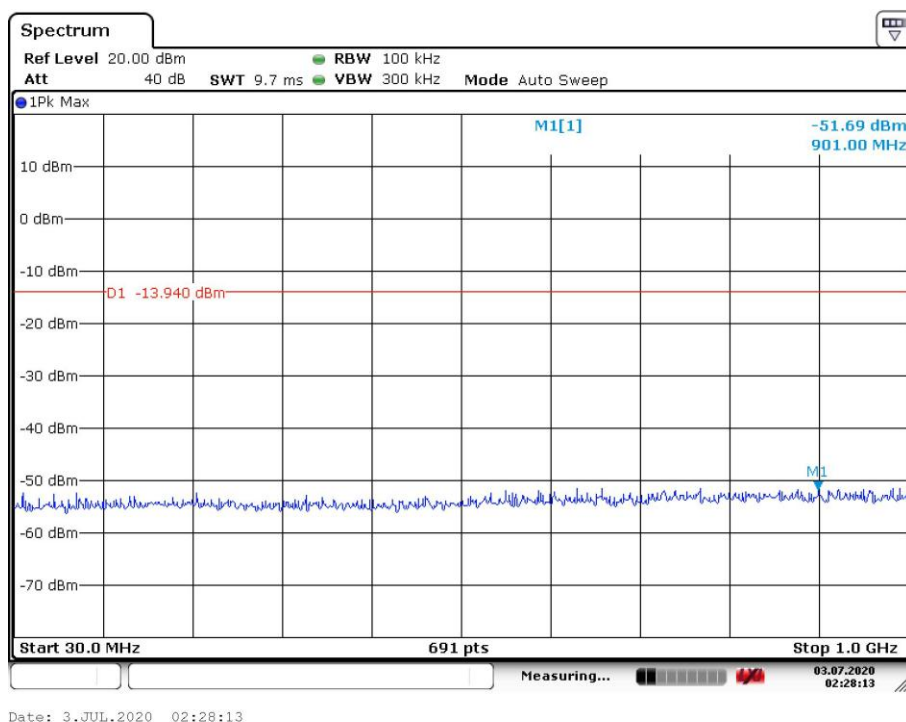
## CH78 Data rate 1Mbps



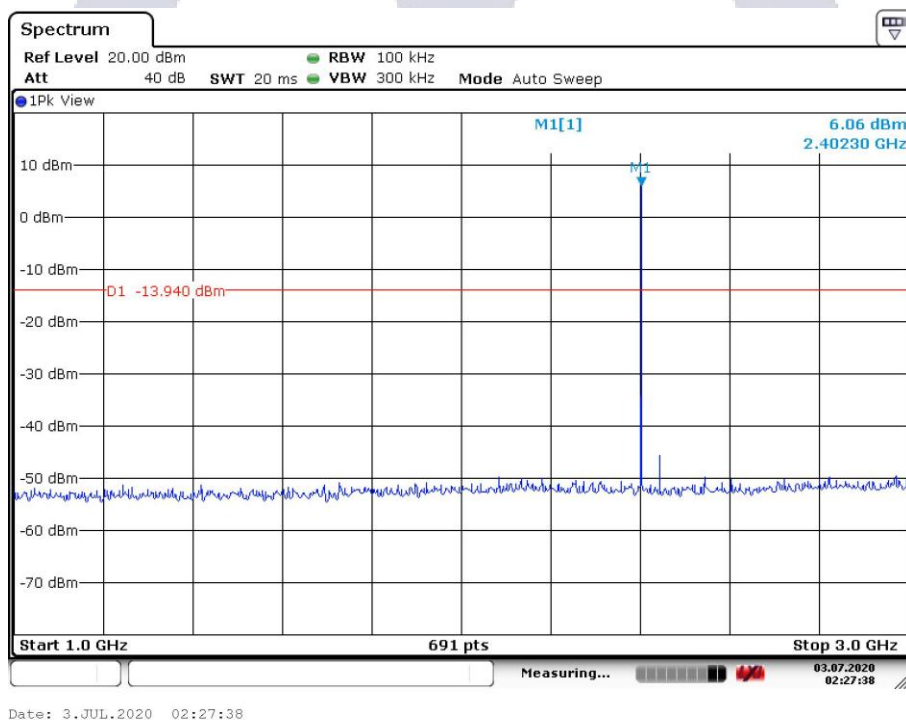
## CH78 Data rate 1Mbps



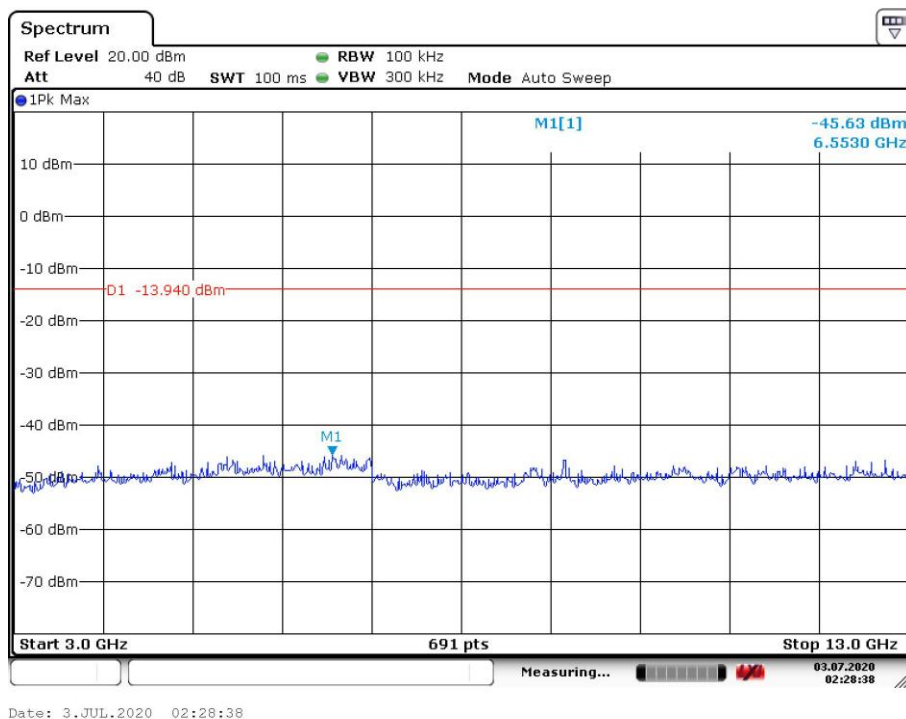
## CH00 Data rate 2Mbps



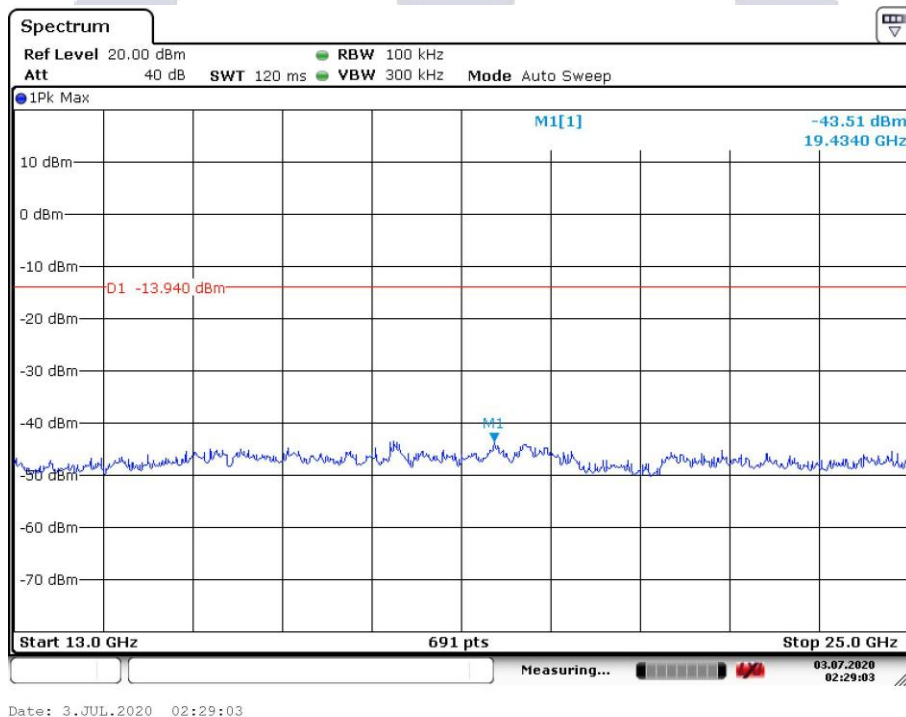
## CH00 Data rate 2Mbps



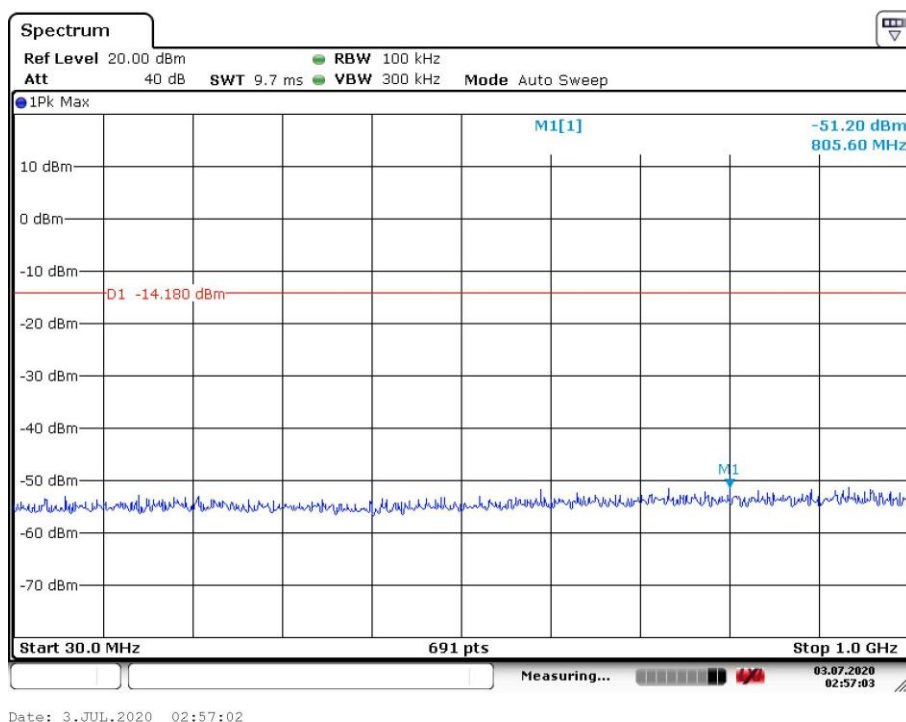
## CH00 Data rate 2Mbps



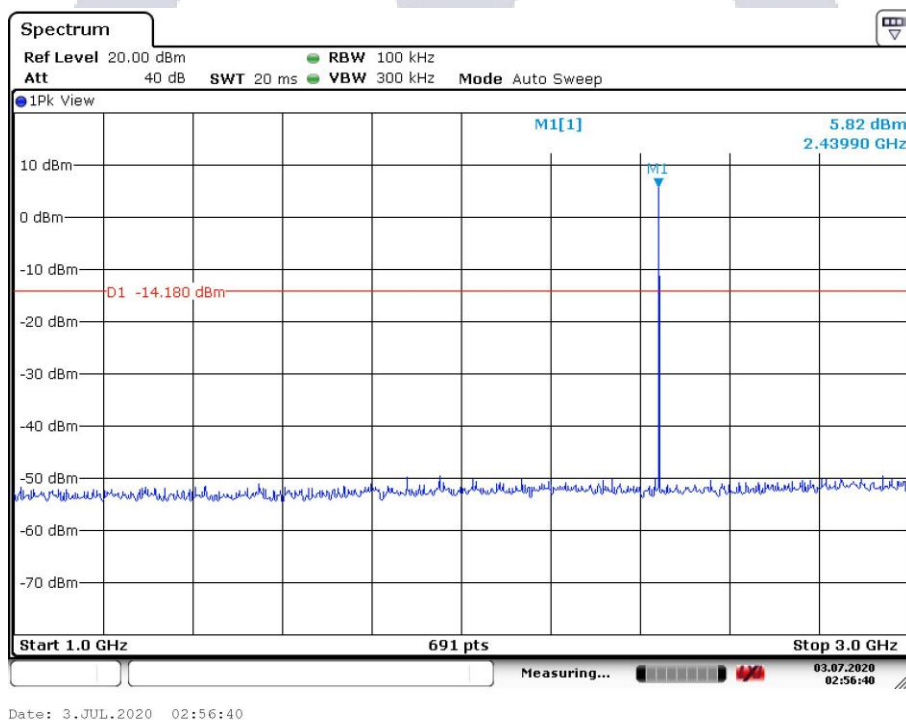
## CH00 Data rate 2Mbps



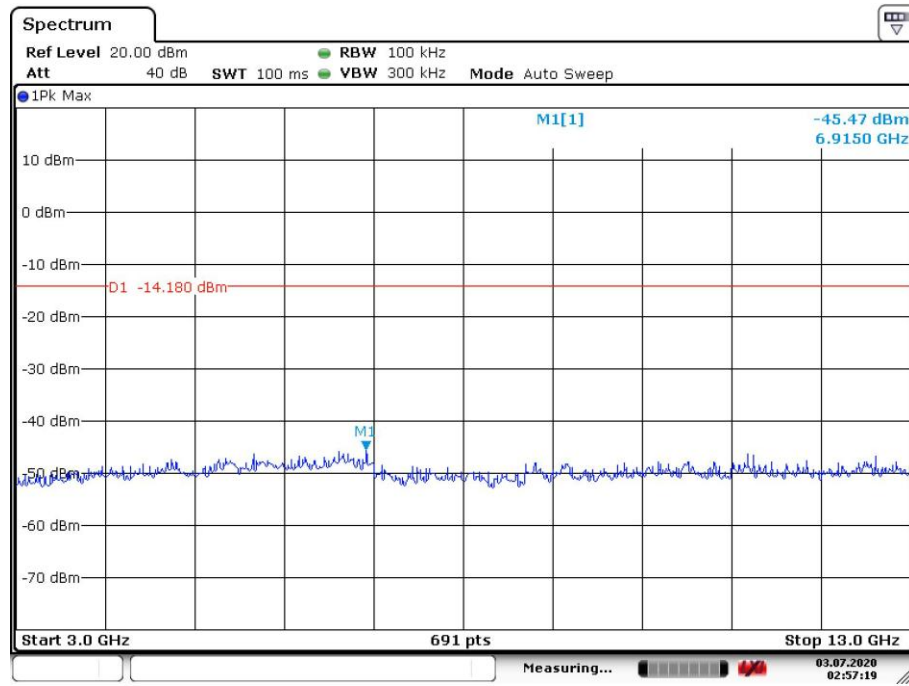
## CH39 Data rate 2Mbps



## CH39 Data rate 2Mbps

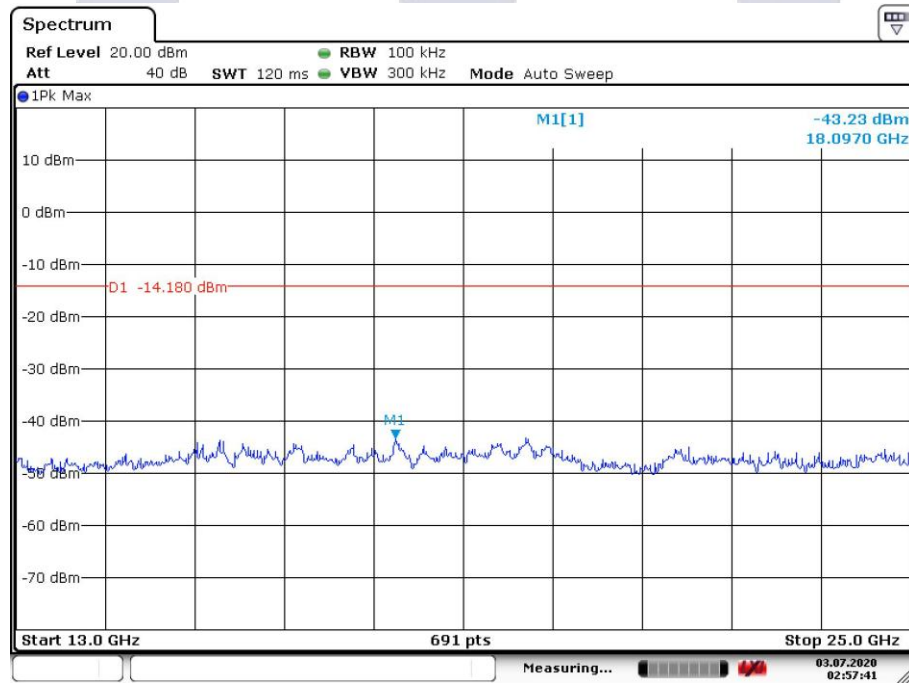


### CH39 Data rate 2Mbps



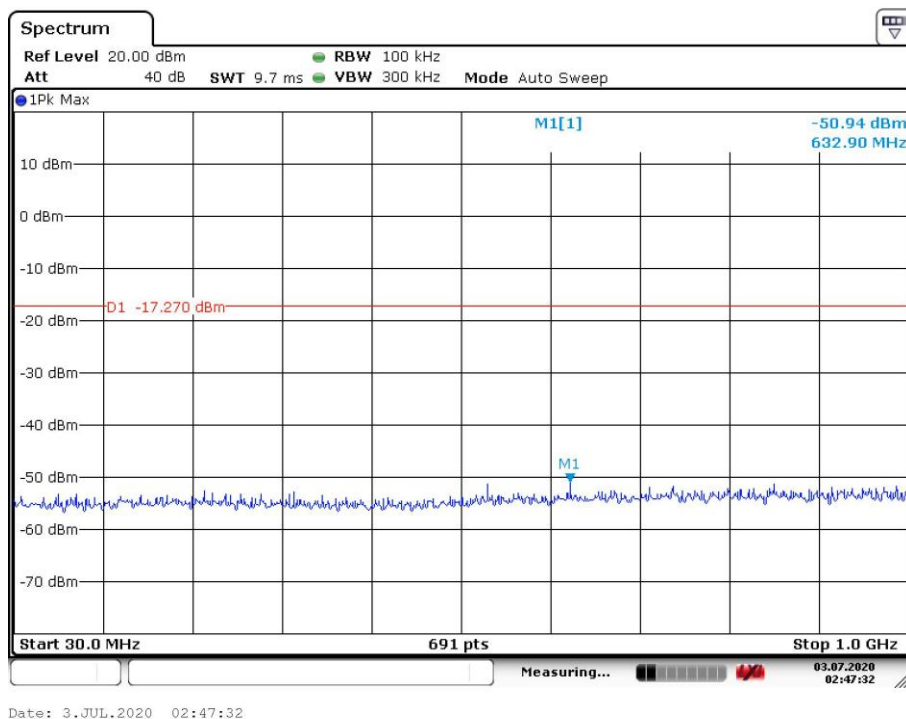
Date: 3.JUL.2020 02:57:19

### CH39 Data rate 2Mbps

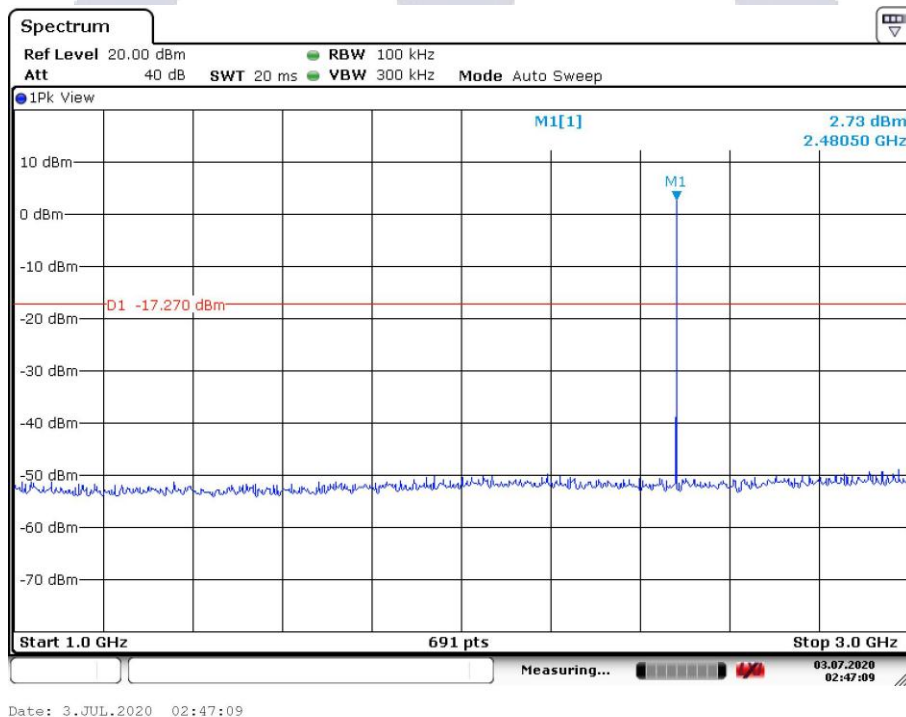


Date: 3.JUL.2020 02:57:41

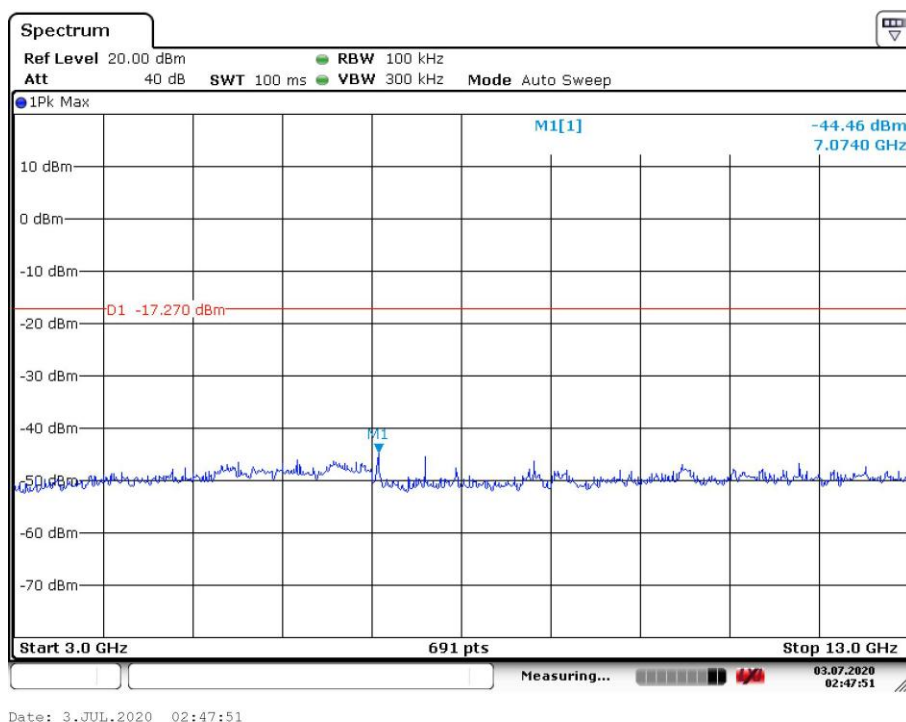
## CH78 Data rate 2Mbps



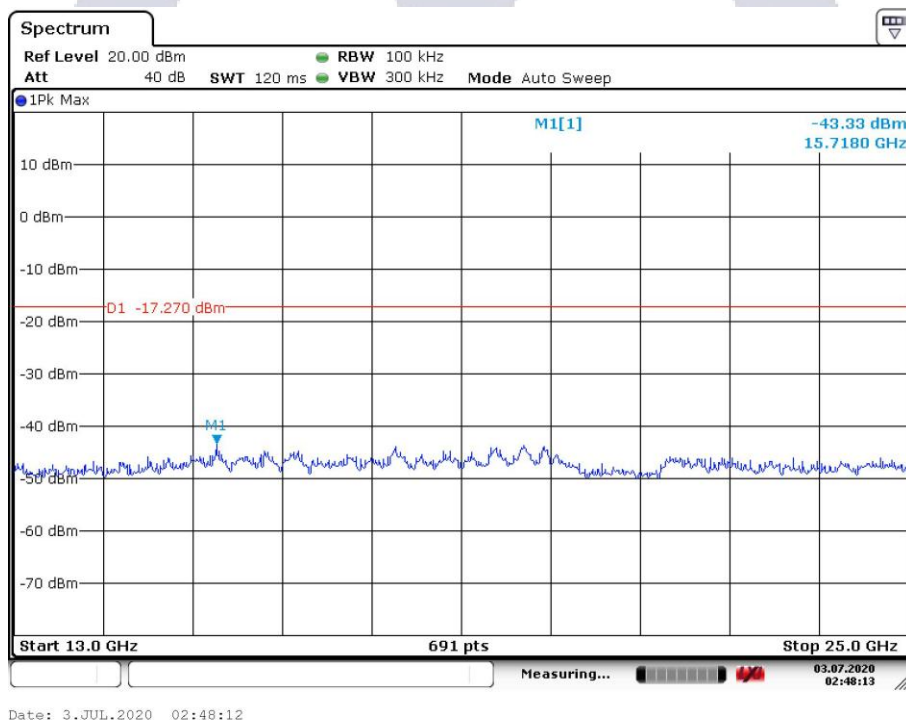
## CH78 Data rate 2Mbps



## CH78 Data rate 2Mbps

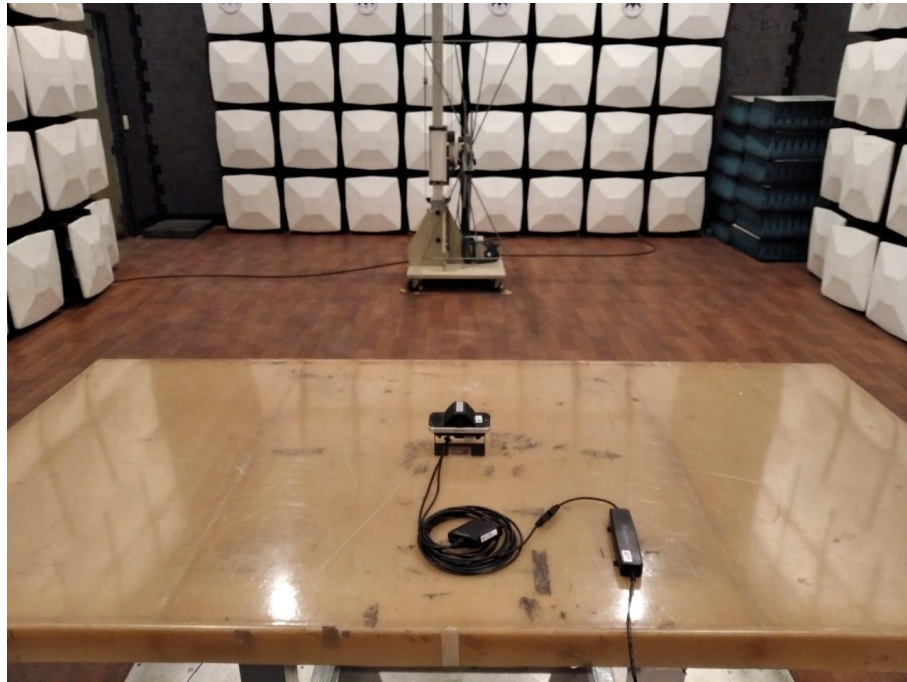


## CH78 Data rate 2Mbps



### 6.11.1 Radiated Spurious Emission Test Setup

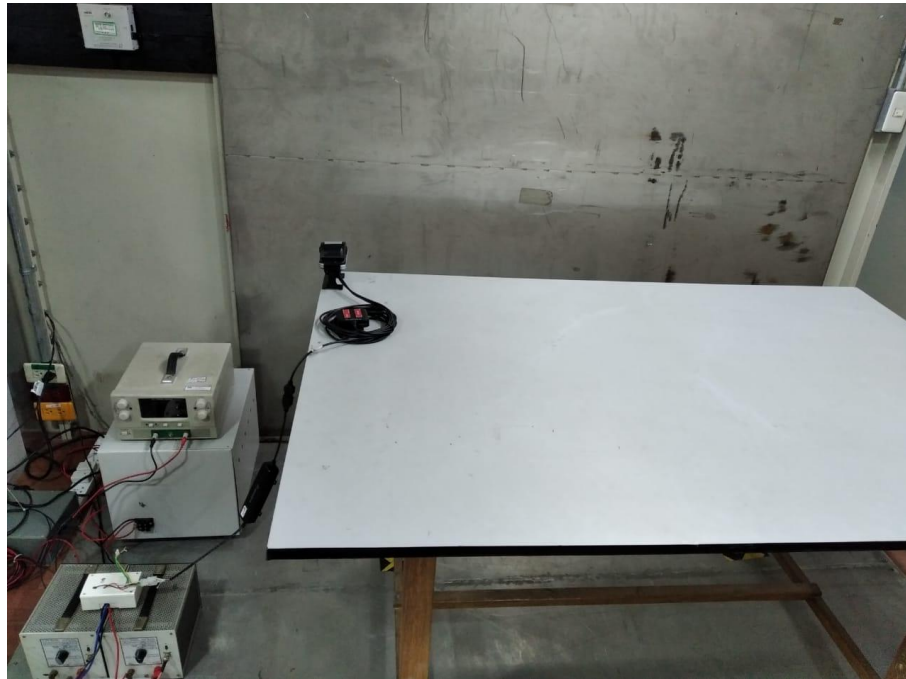
Below 1GHz:



Above 1GHz:



### 6.11.2 Conducted Emission Test Setup

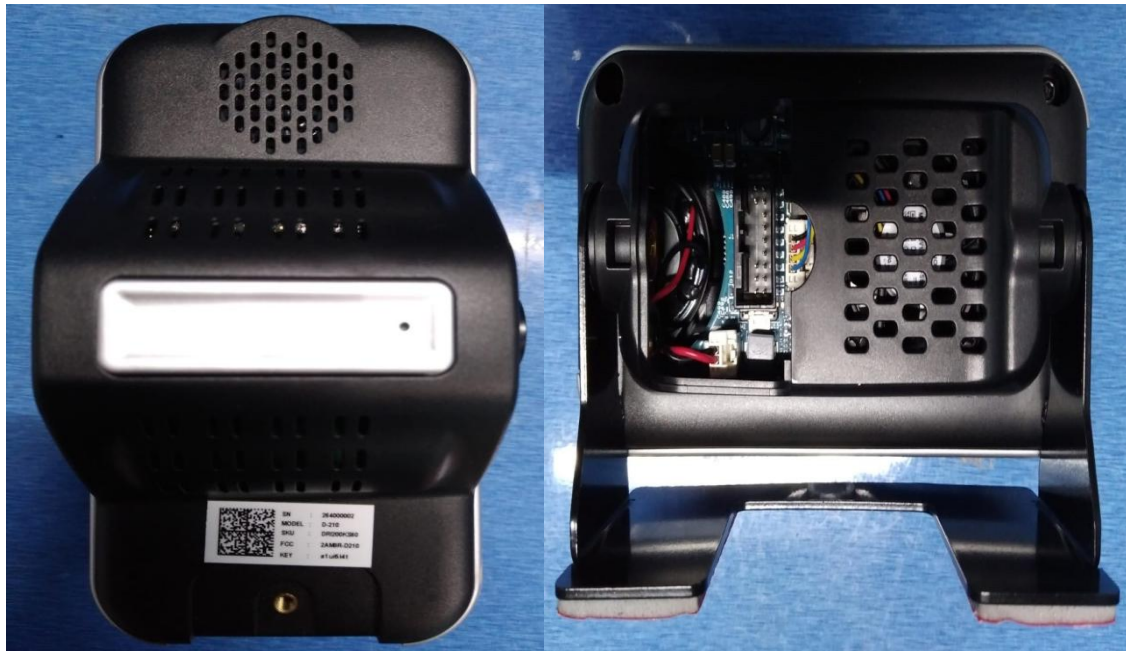


AA  
E M T

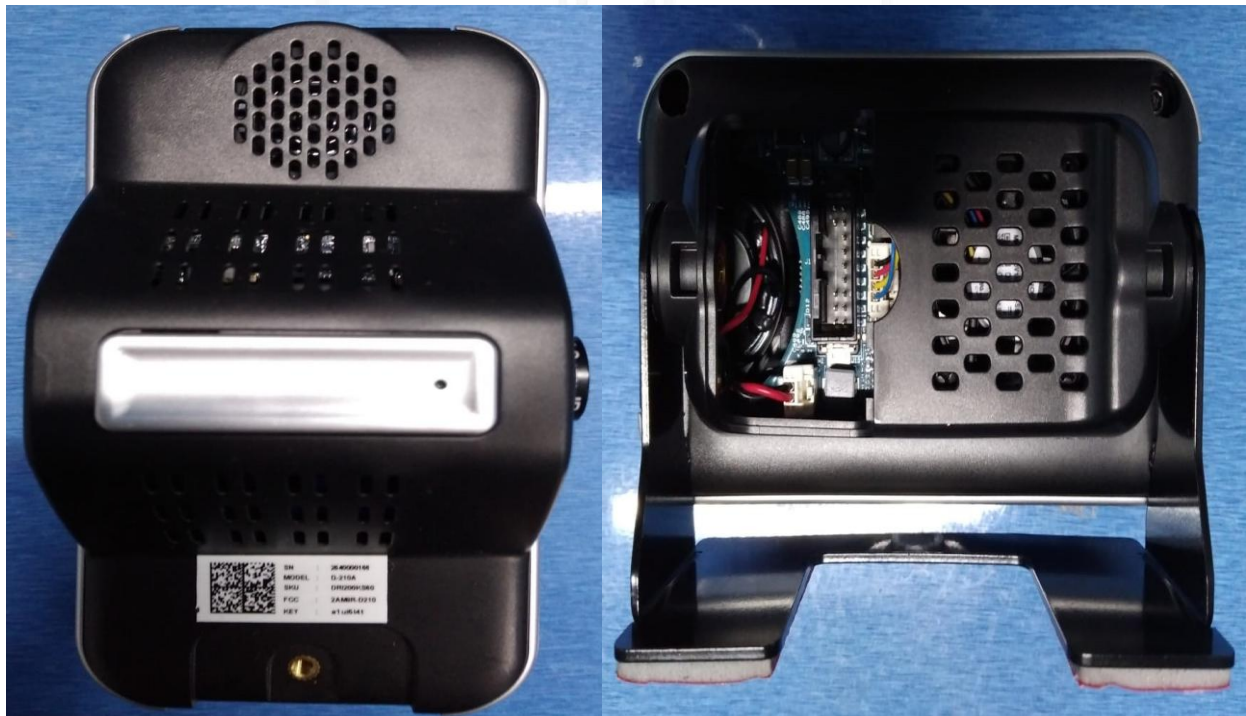
## 7 Appendix

### 7.1 EUT Photographs

#### 7.1.1 Main Model (D-210)



#### 7.1.2 Serial Model 1 (D-210A)



### 7.1.3 Serial Model 2 (D-211)



## 7.2 Accessories Photographs

### 7.2.1 CAN Adapter AD01

Front



Back



### 7.2.2 CAN Adapter AD02

Front



Back



### 7.2.3 CAN Adapter AD03

Front



Back



## 7.2.4 LTE Module

Front



LTE Module



**\*\*End of Report\*\***