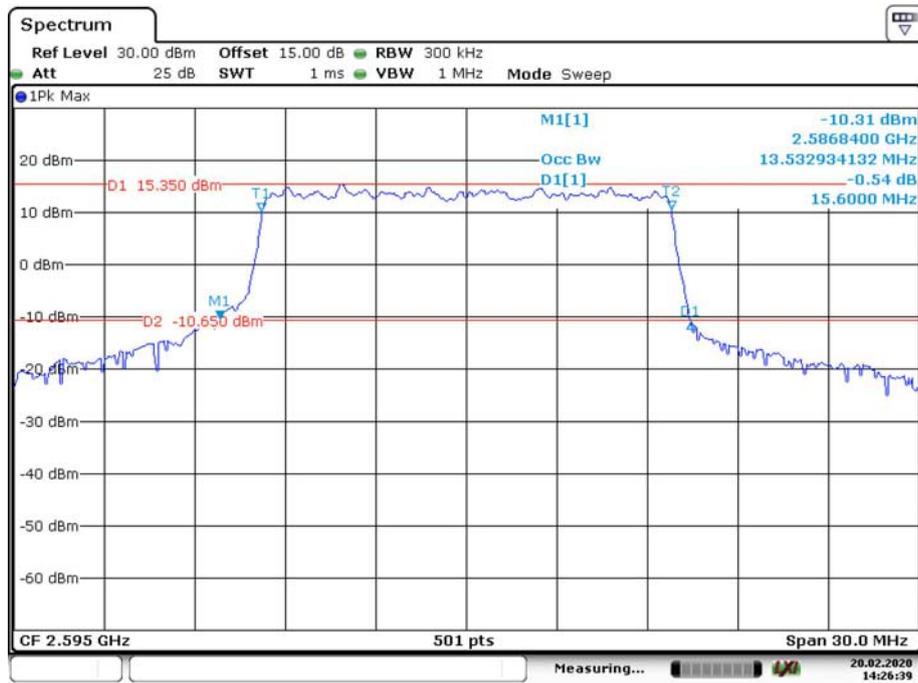
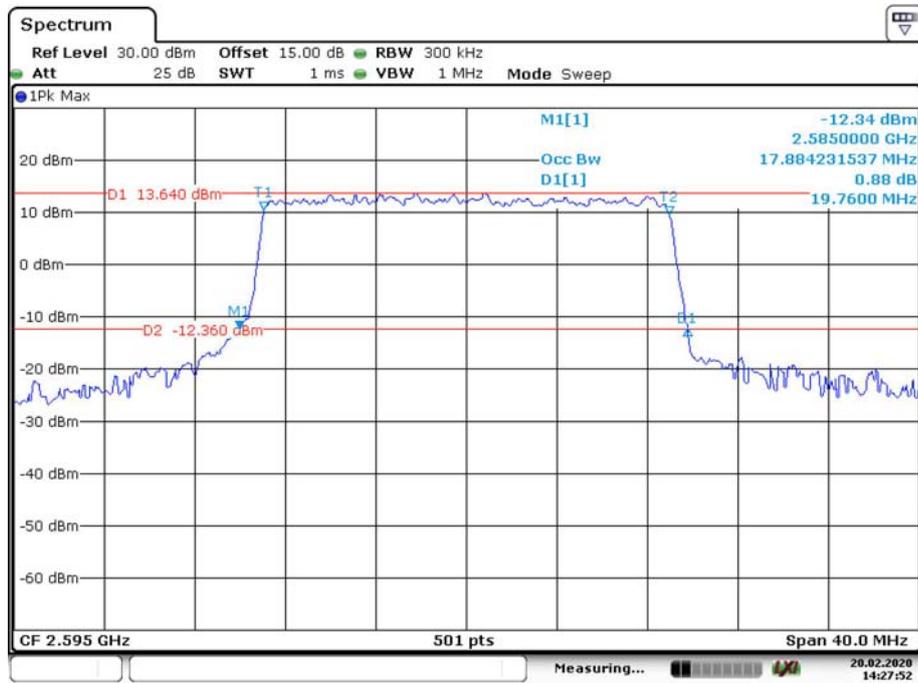


### 16QAM\_15 MHz



Date: 20.FEB.2020 14:26:40

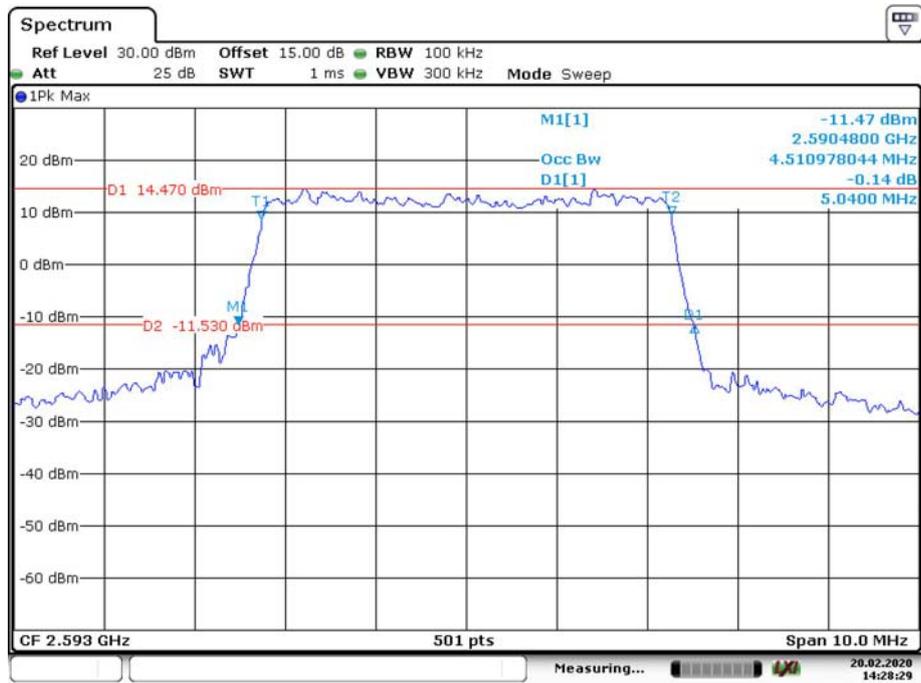
### 16QAM\_20 MHz



Date: 20.FEB.2020 14:27:52

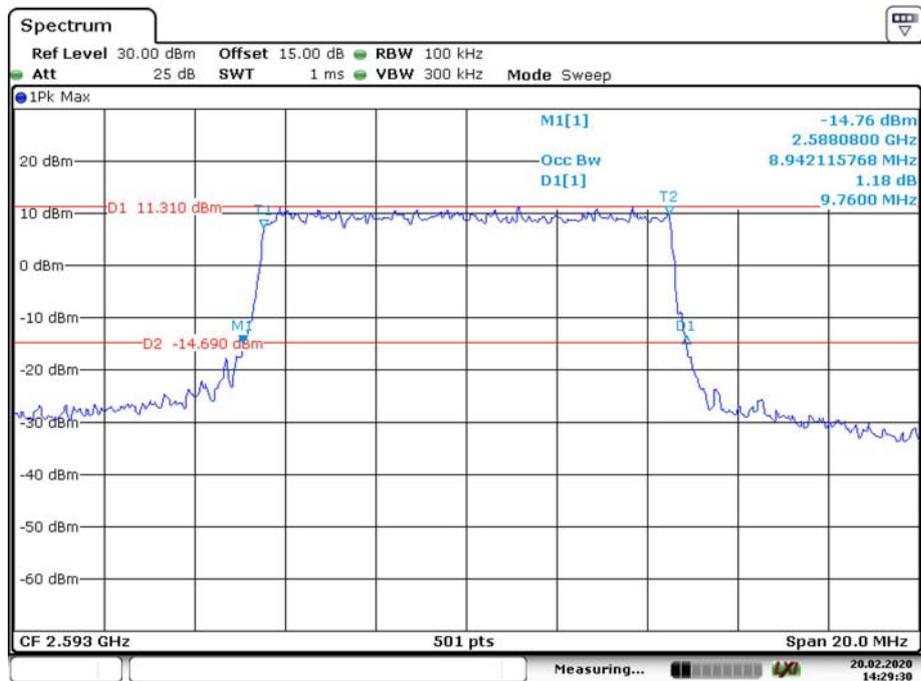
**LTE Band 41:**

**QPSK\_5 MHz**



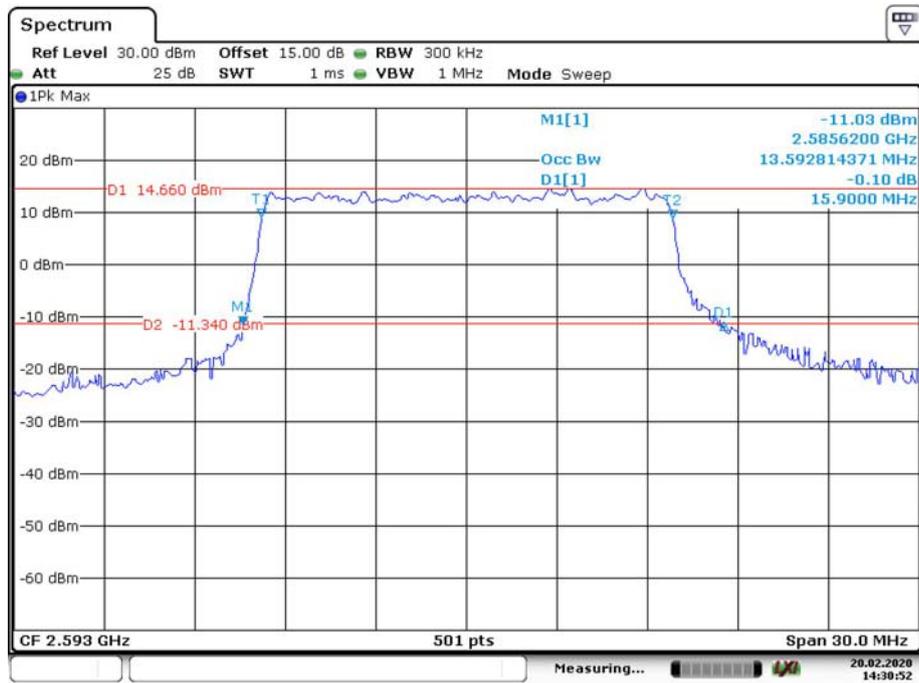
Date: 20.FEB.2020 14:28:28

**QPSK\_10 MHz**



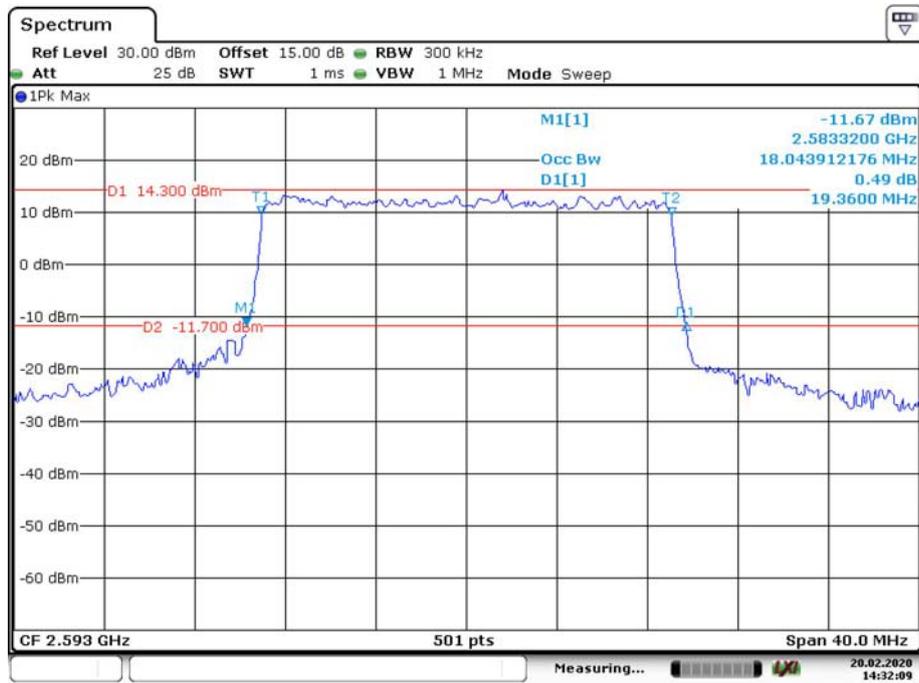
Date: 20.FEB.2020 14:29:30

### QPSK\_15 MHz



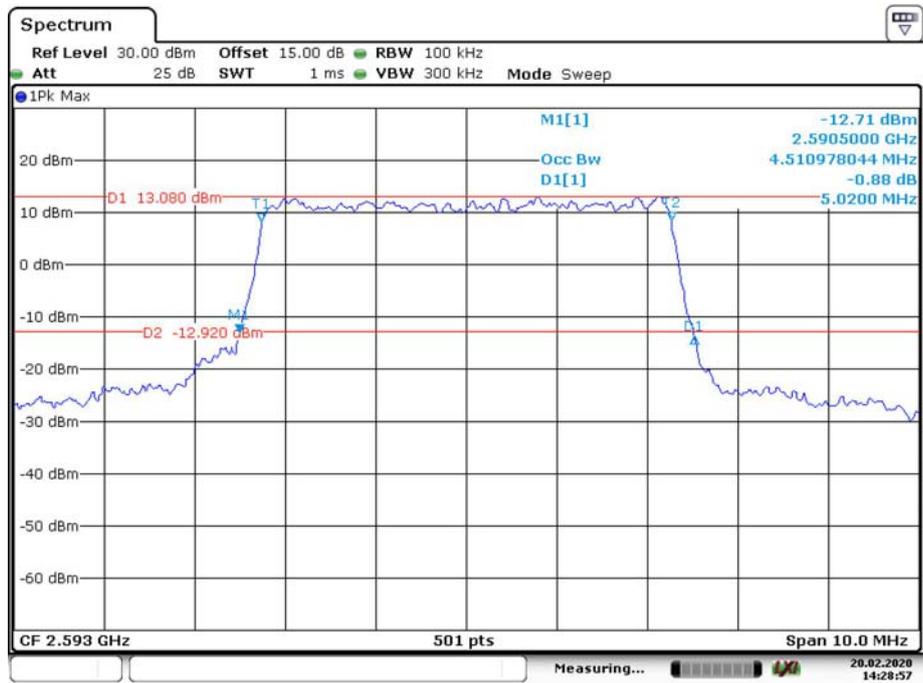
Date: 20.FEB.2020 14:30:52

### QPSK\_20 MHz



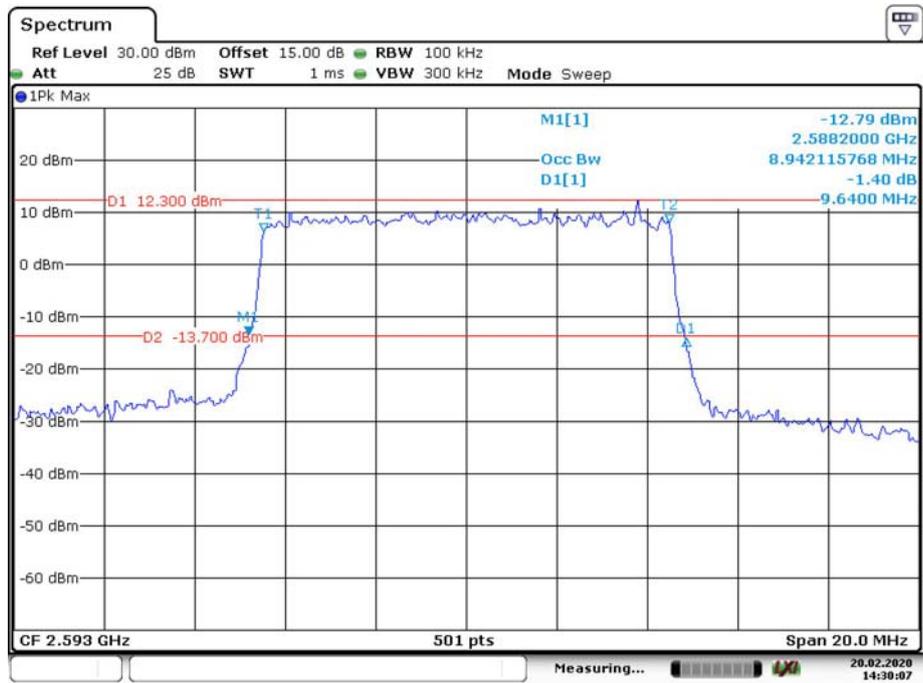
Date: 20.FEB.2020 14:32:09

### 16QAM\_5 MHz



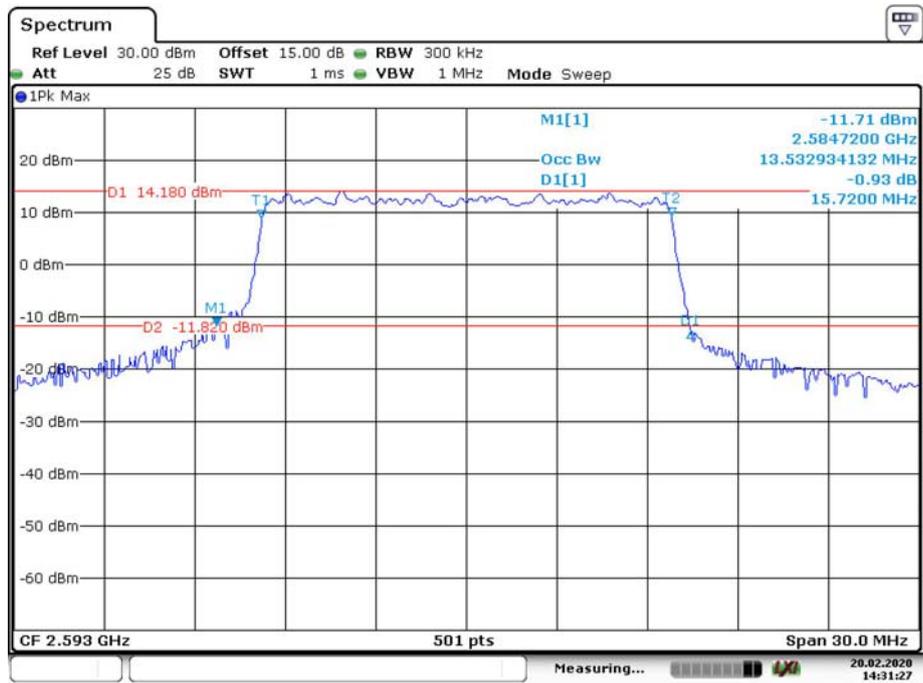
Date: 20.FEB.2020 14:28:57

### 16QAM\_10 MHz



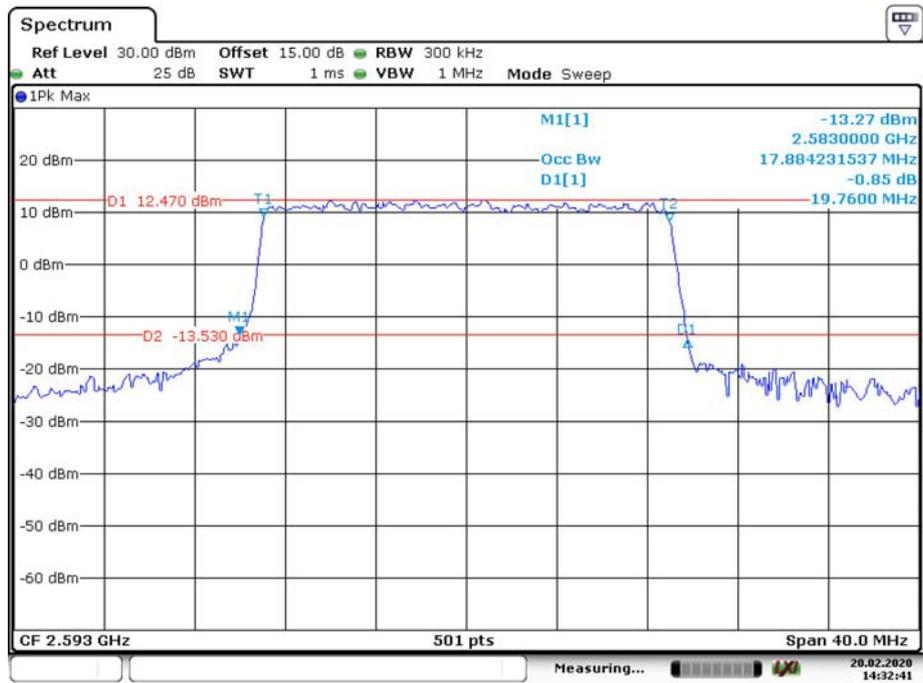
Date: 20.FEB.2020 14:30:06

### 16QAM\_15 MHz



Date: 20.FEB.2020 14:31:27

### 16QAM\_20 MHz



Date: 20.FEB.2020 14:32:41

## FCC §2.1051, §22.917(a) & §24.238(a) & §27.53, §90.691 - SPURIOUS EMISSIONS AT ANTENNA TERMINALS

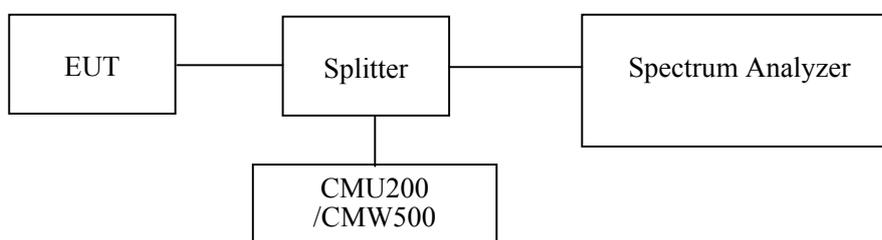
### Applicable Standard

FCC §2.1051, §22.917(a) , §24.238(a) and §27.53, §90.691.

The spectrum was to be investigated to the tenth harmonics of the highest fundamental frequency as specified in § 2.1051.

### Test Procedure

The RF output of the transceiver was connected to a spectrum analyzer and simulator through appropriate attenuation. Sufficient scans were taken to show any out of band emissions up to 10<sup>th</sup> harmonic.



### Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2020-01-09	2021-01-09
yzjingcheng	Coaxial Cable	KTRFBU-141-50	41005011	Each Time	/
E-Microwave	Two-way Splitter	ODP-1-6-2S	OE0120142	Each Time	/
E-Microwave	Coaxial Attenuators	EMCA10-5RN-6	OE01203239	Each Time	/

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

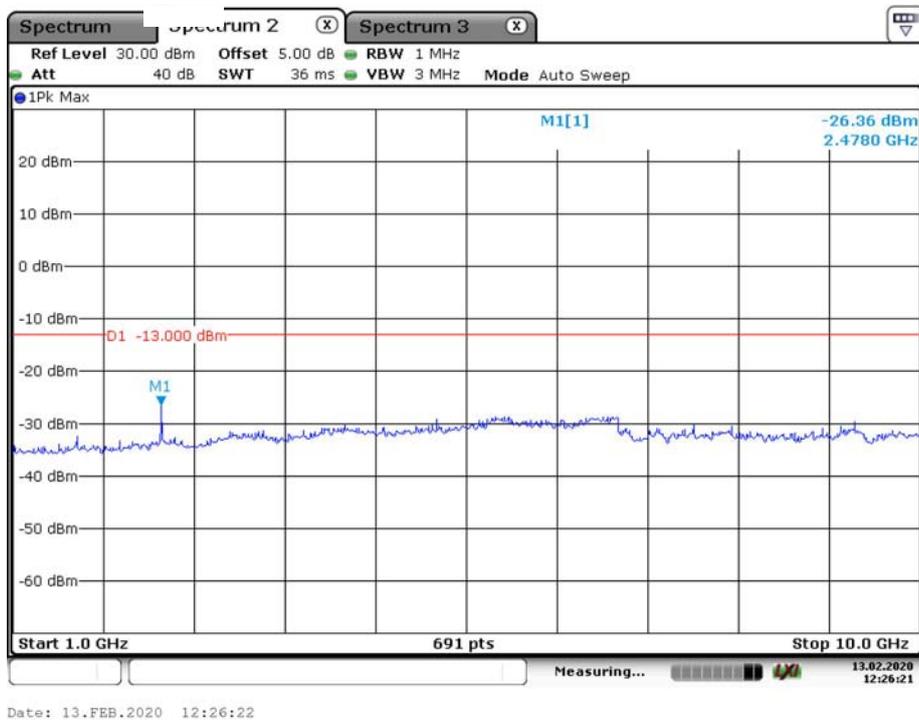
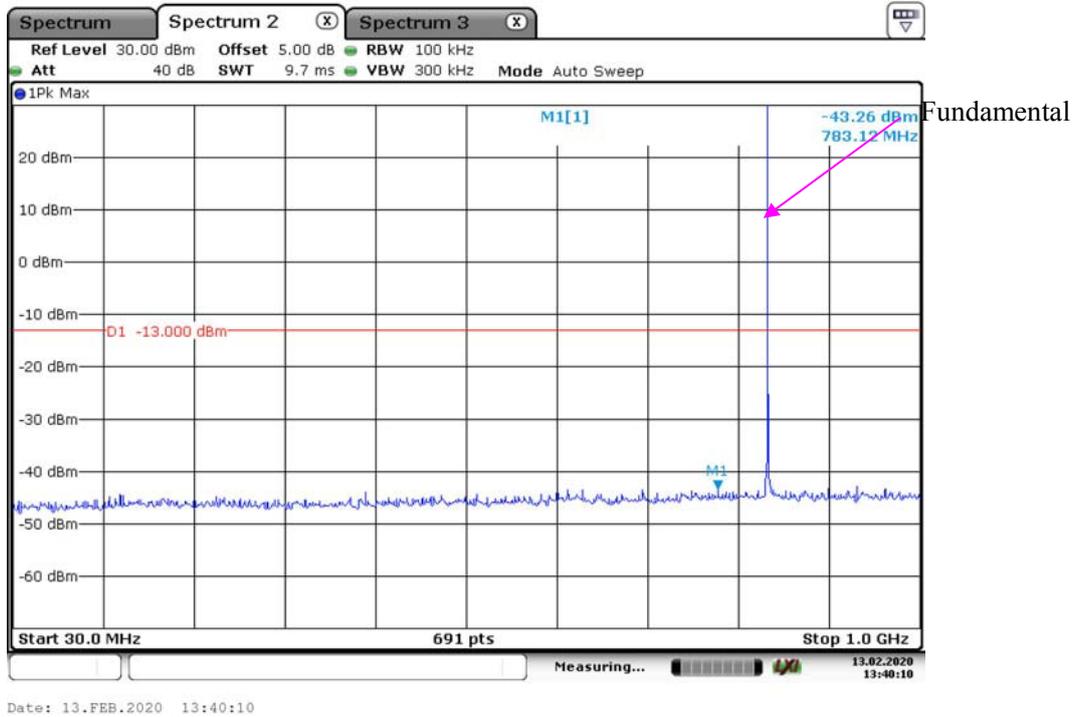
### Test Data

#### Environmental Conditions

<b>Temperature:</b>	19.1~22.9°C
<b>Relative Humidity:</b>	35~75 %
<b>ATM Pressure:</b>	101.6~102.6 kPa
<b>Tester:</b>	Fay Hu
<b>Test Date:</b>	2020-02-13~2020-02-20

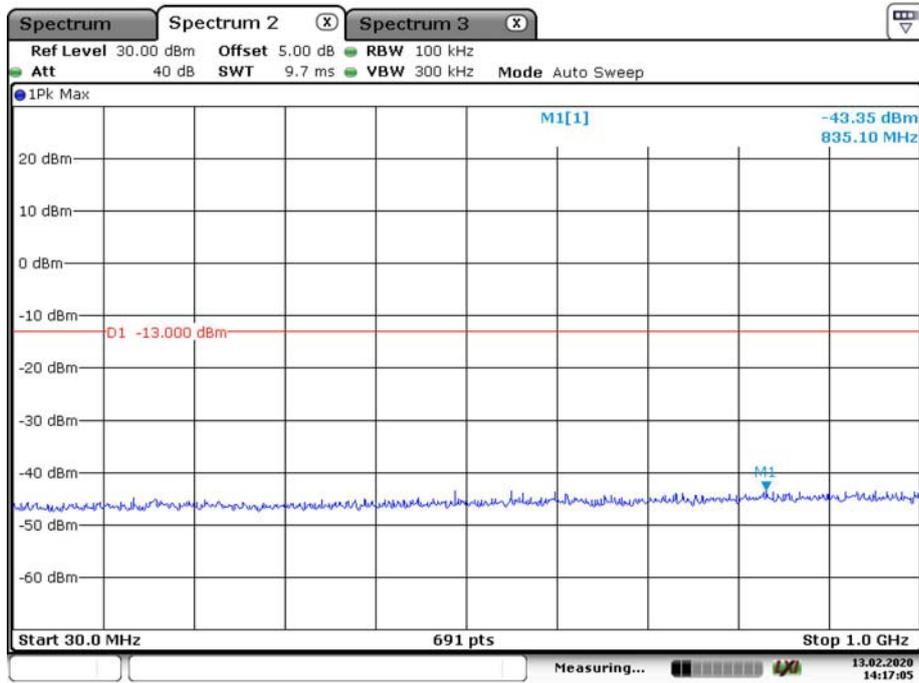
Please refer to the following plots.

### GSM850\_Middle Channel



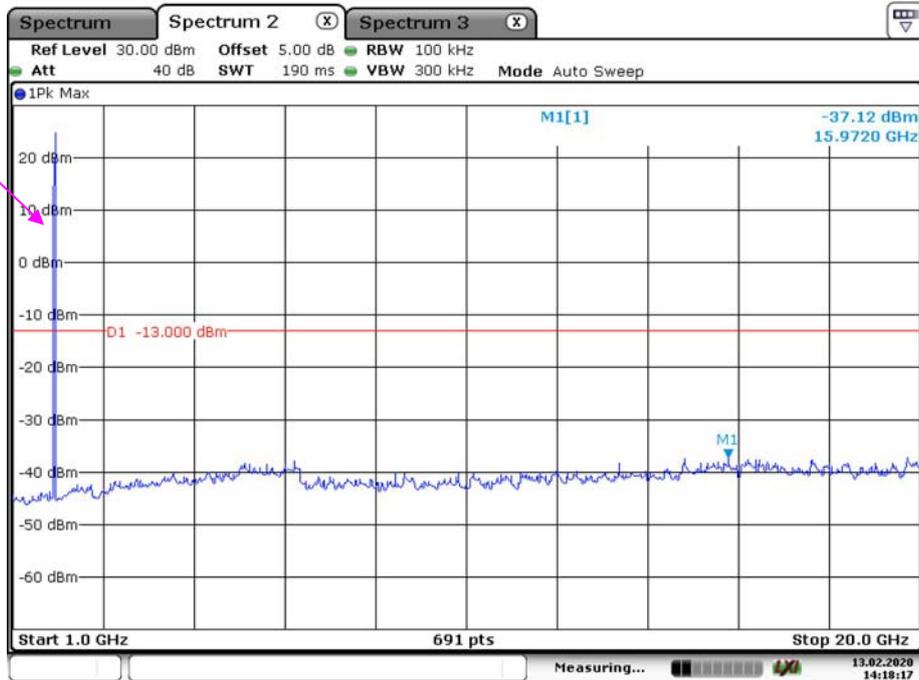
Fundamental

### PCS 1900\_ Middle Channel



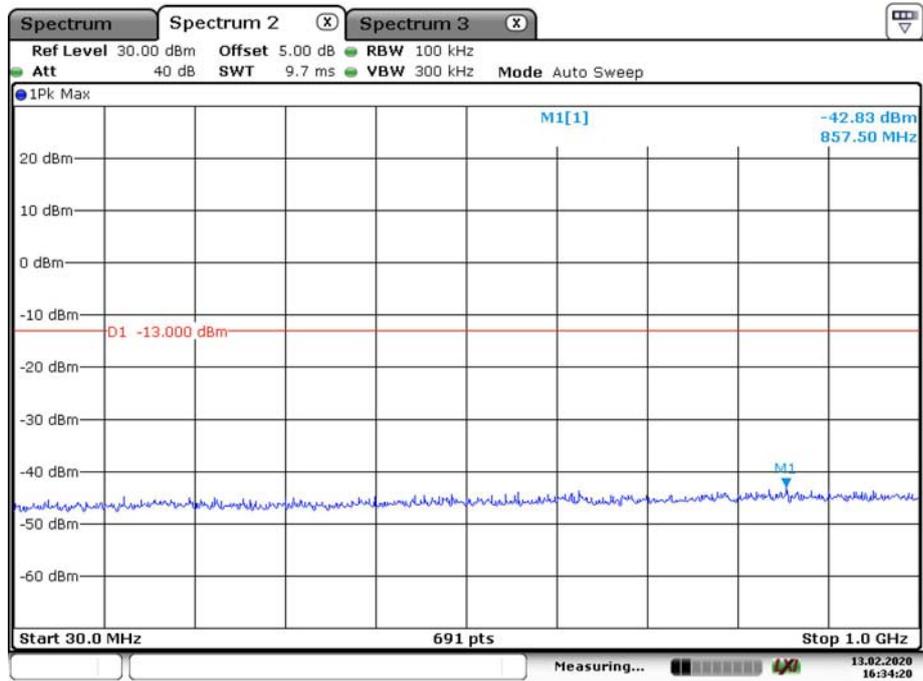
Date: 13.FEB.2020 14:17:04

Fundamental



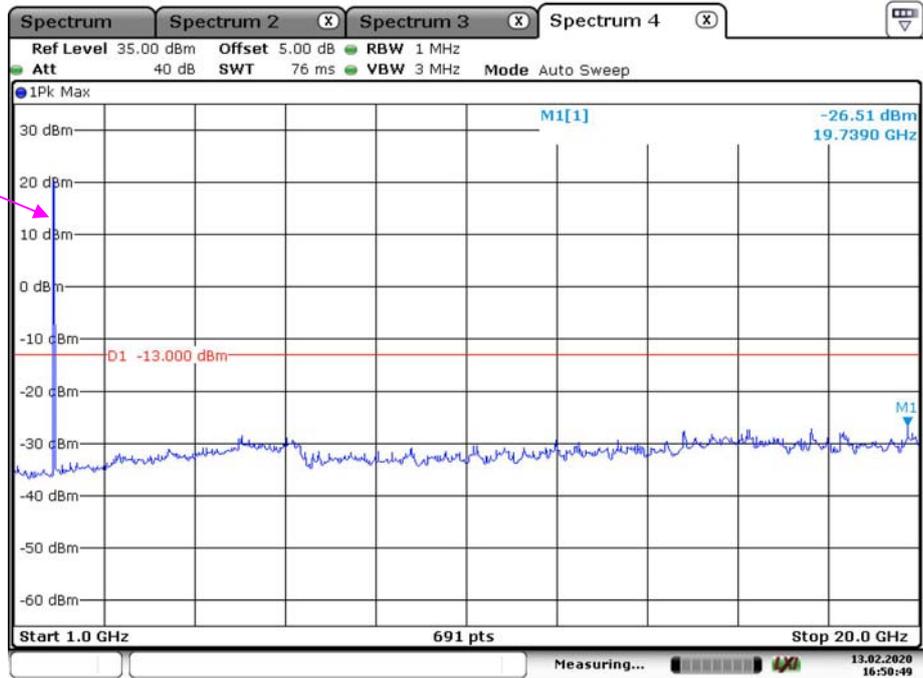
Date: 13.FEB.2020 14:18:17

### WCDMA Band II, Rel99



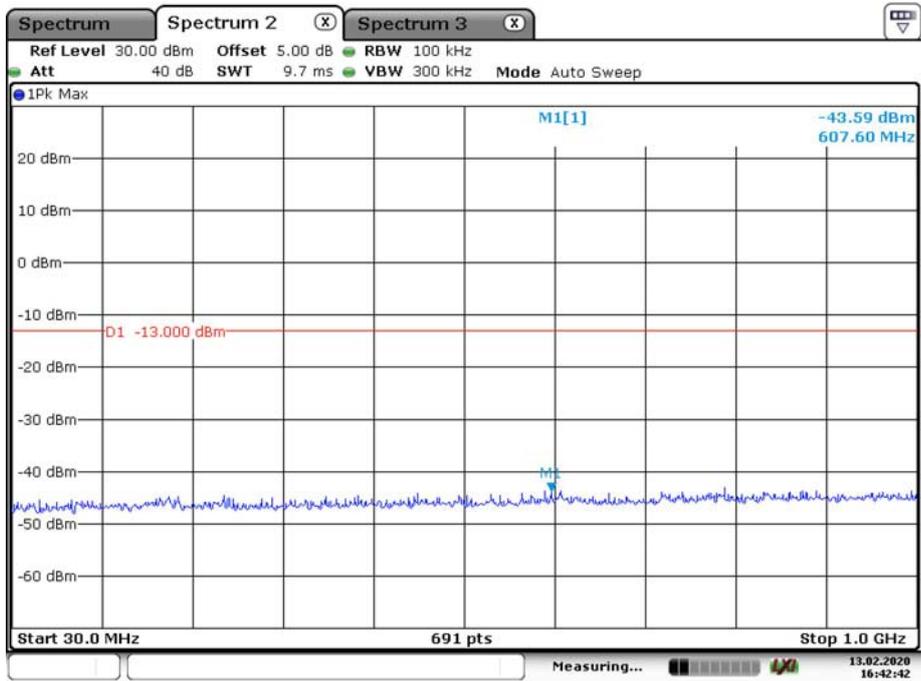
Date: 13.FEB.2020 16:34:20

Fundamental



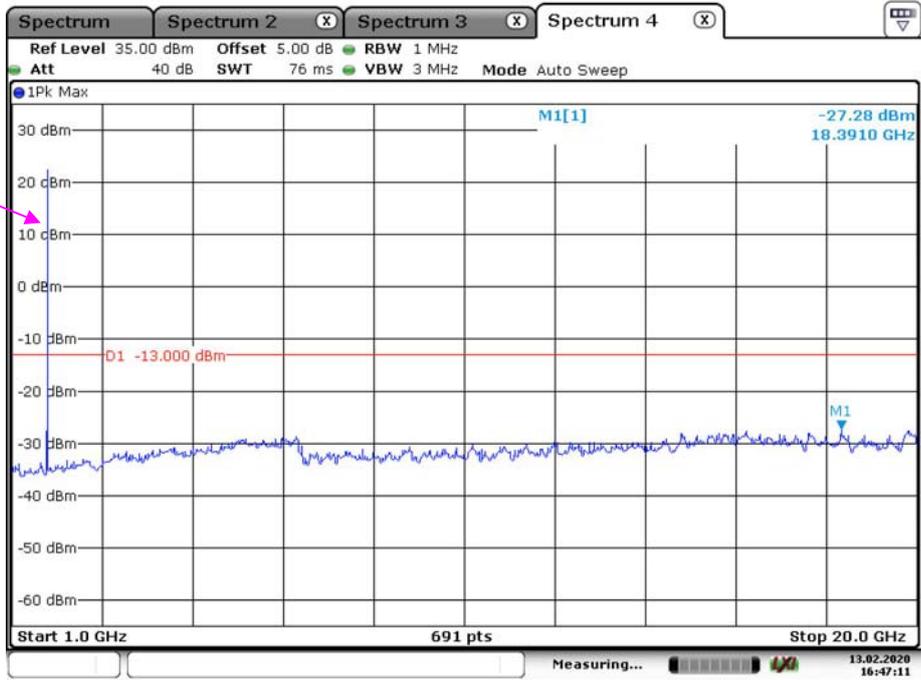
Date: 13.FEB.2020 16:50:49

### WCDMA Band IV,Rel99



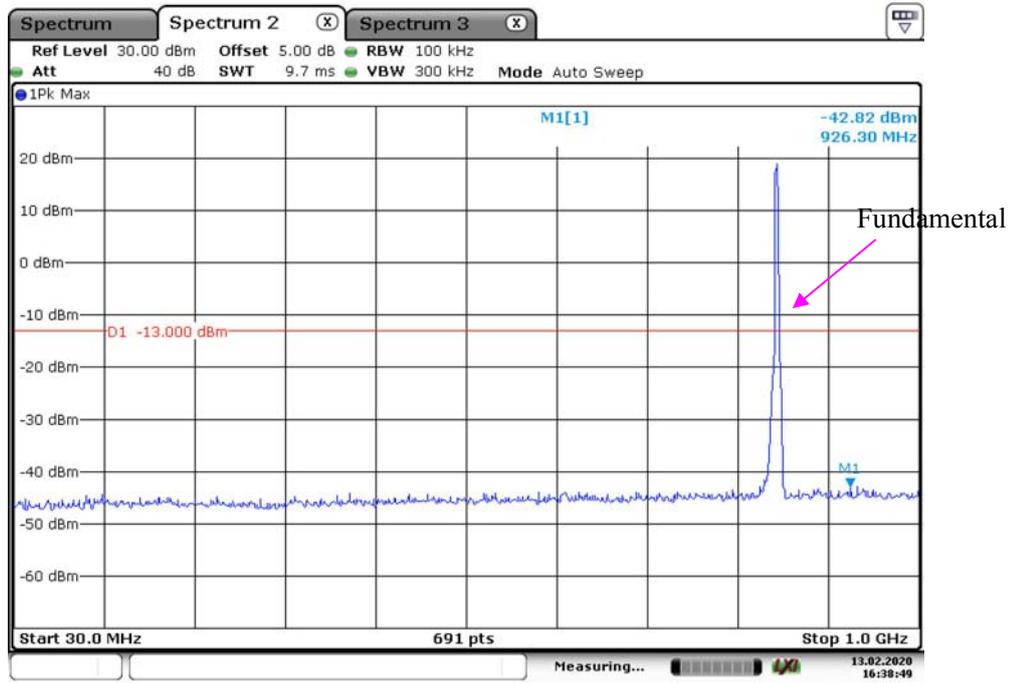
Date: 13.FEB.2020 16:42:43

Fundamental

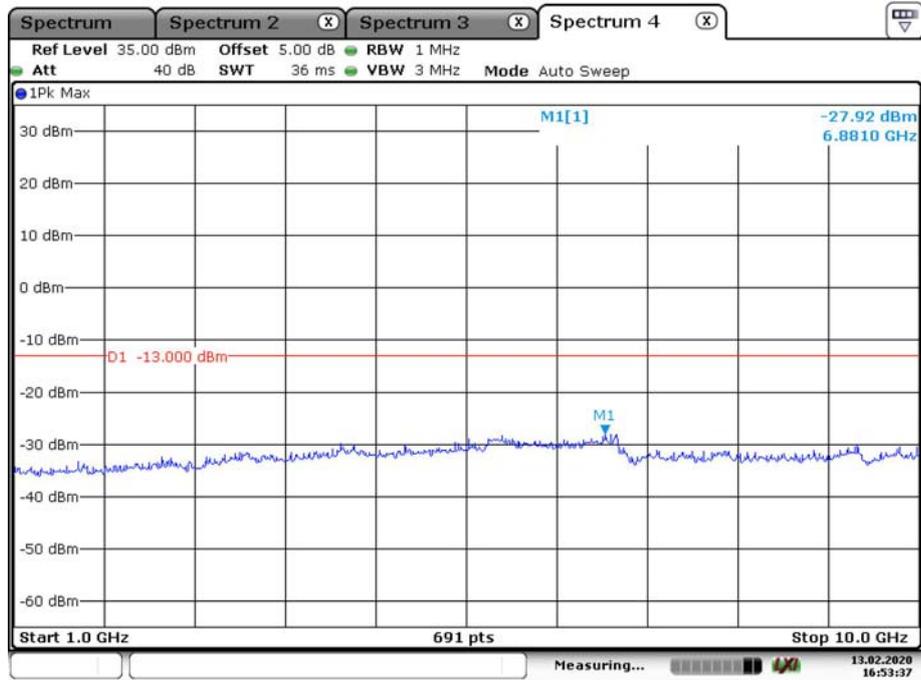


Date: 13.FEB.2020 16:47:12

### WCDMA Band V, Rel99



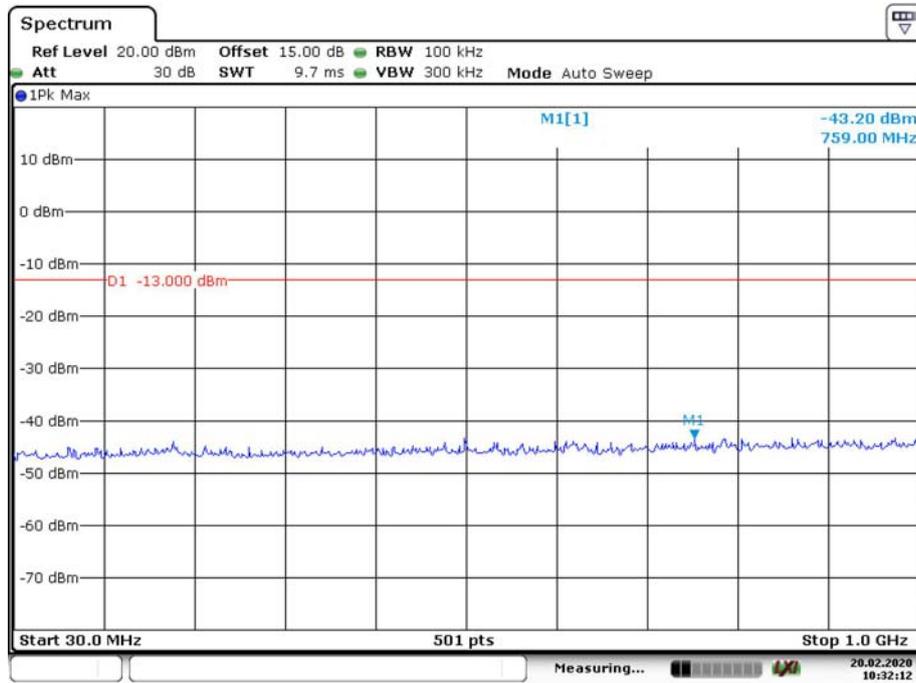
Date: 13.FEB.2020 16:38:49



Date: 13.FEB.2020 16:53:37

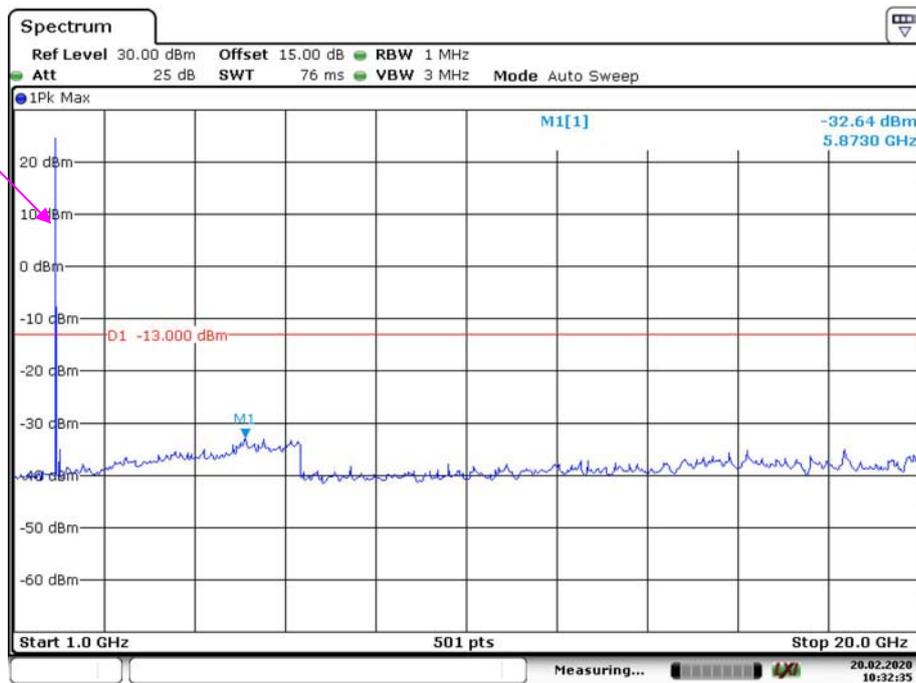
LTE Band 2 (Middle Channel)

QPSK\_1.4 MHz



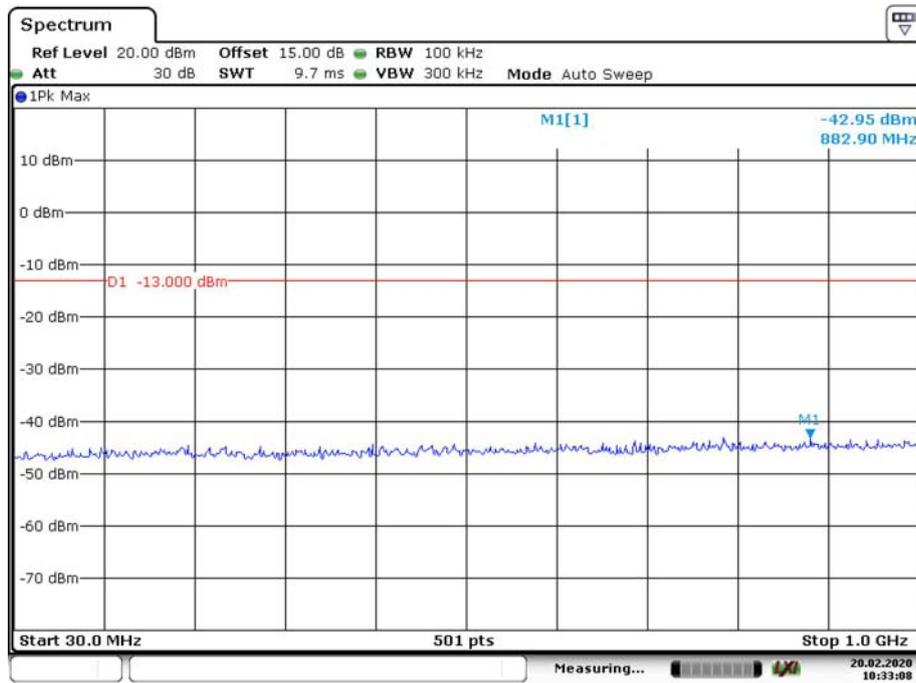
Date: 20.FEB.2020 10:32:13

Fundamental



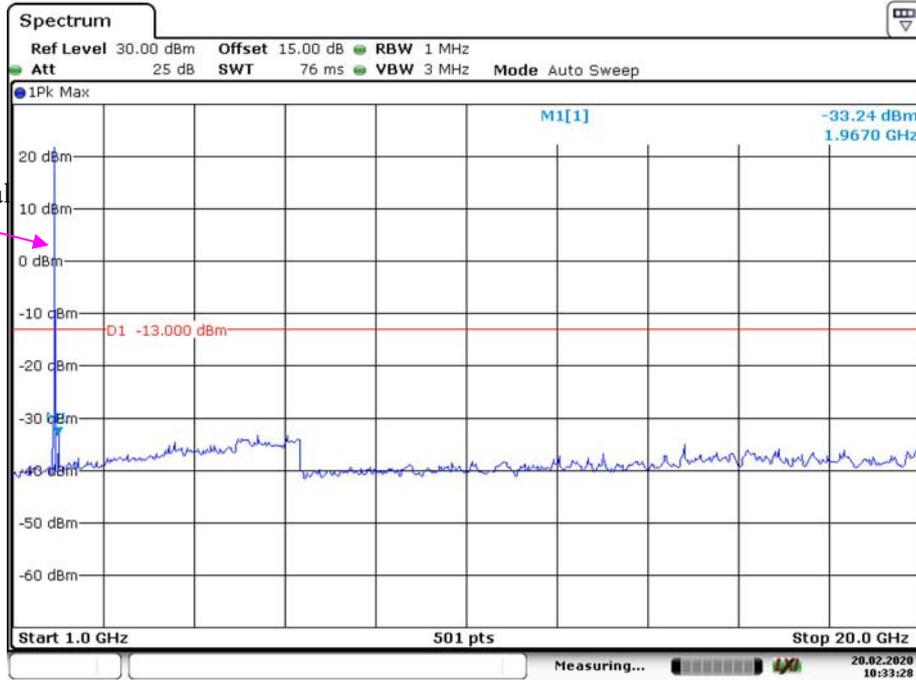
Date: 20.FEB.2020 10:32:35

### QPSK\_3 MHz



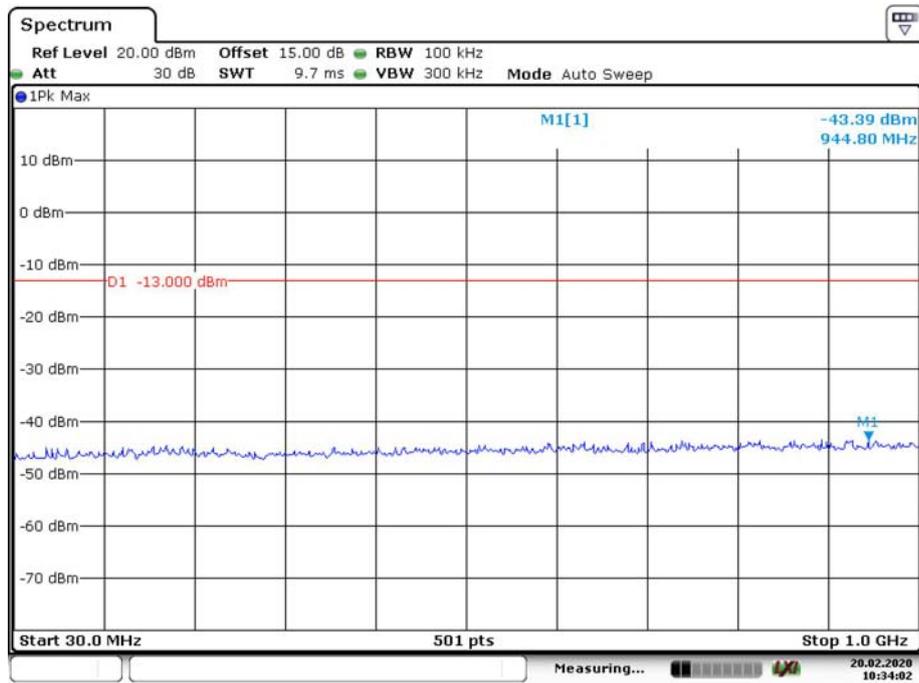
Date: 20.FEB.2020 10:33:09

Fundamental



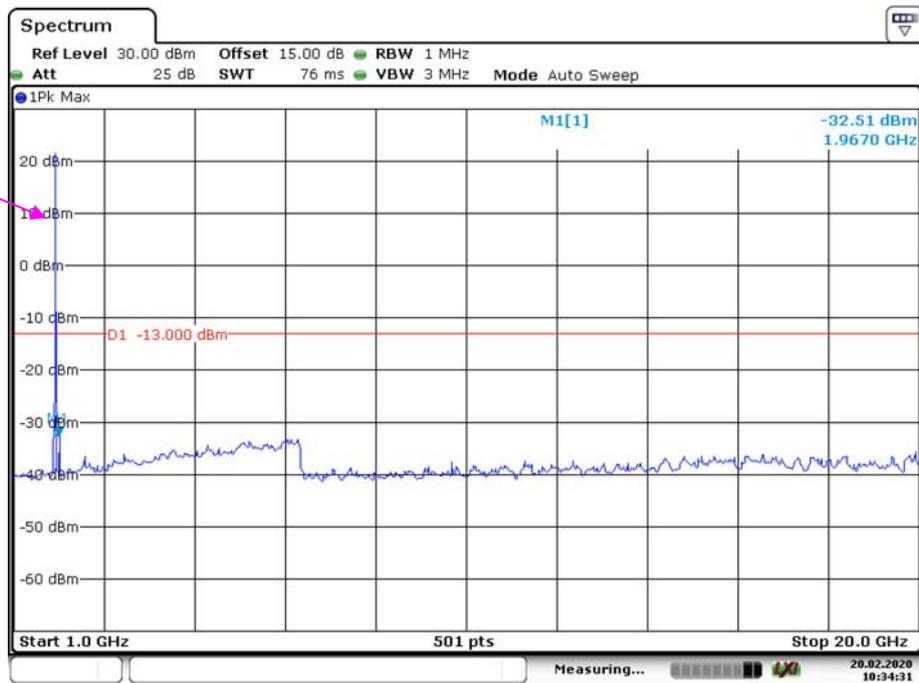
Date: 20.FEB.2020 10:33:29

### QPSK\_5 MHz



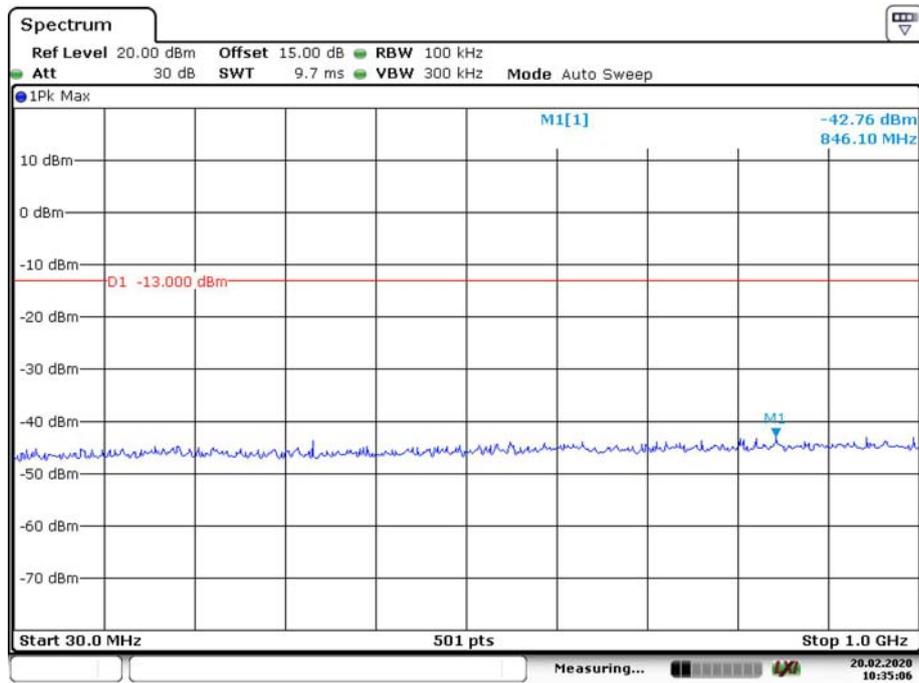
Date: 20.FEB.2020 10:34:03

Fundamental



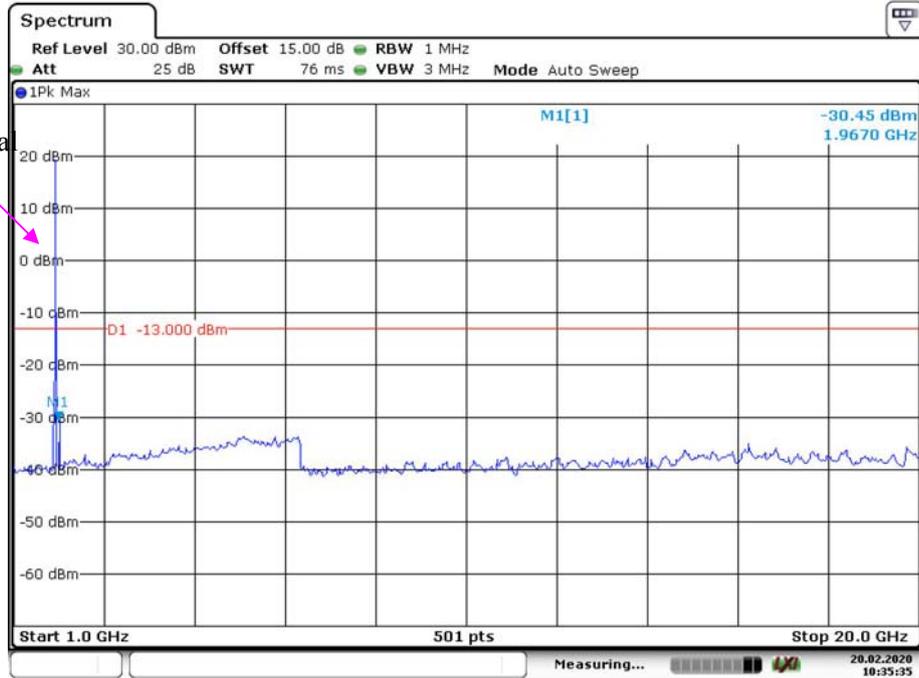
Date: 20.FEB.2020 10:34:32

### QPSK\_10 MHz



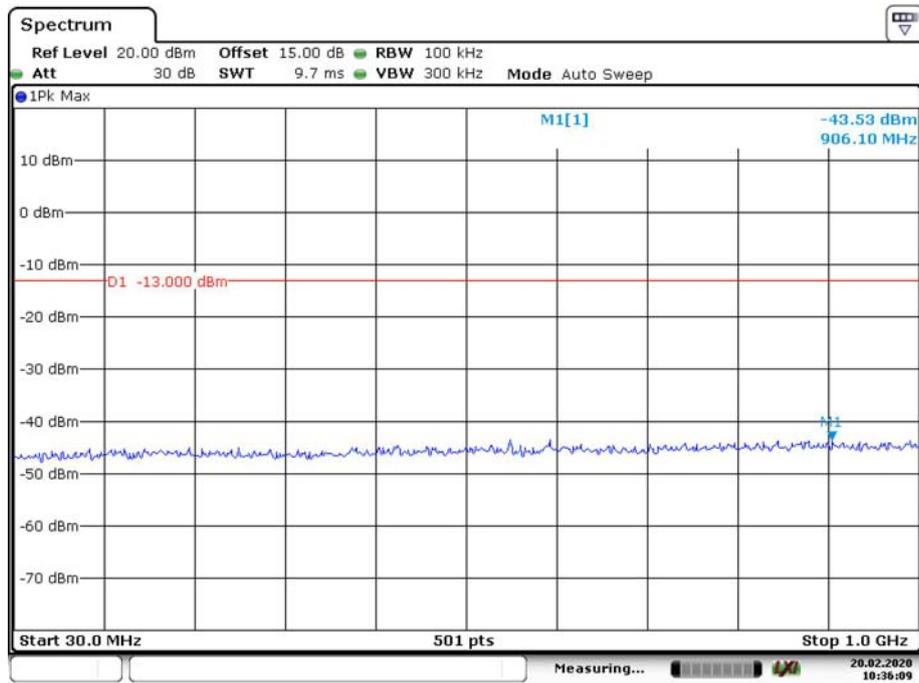
Date: 20.FEB.2020 10:35:07

Fundamenta



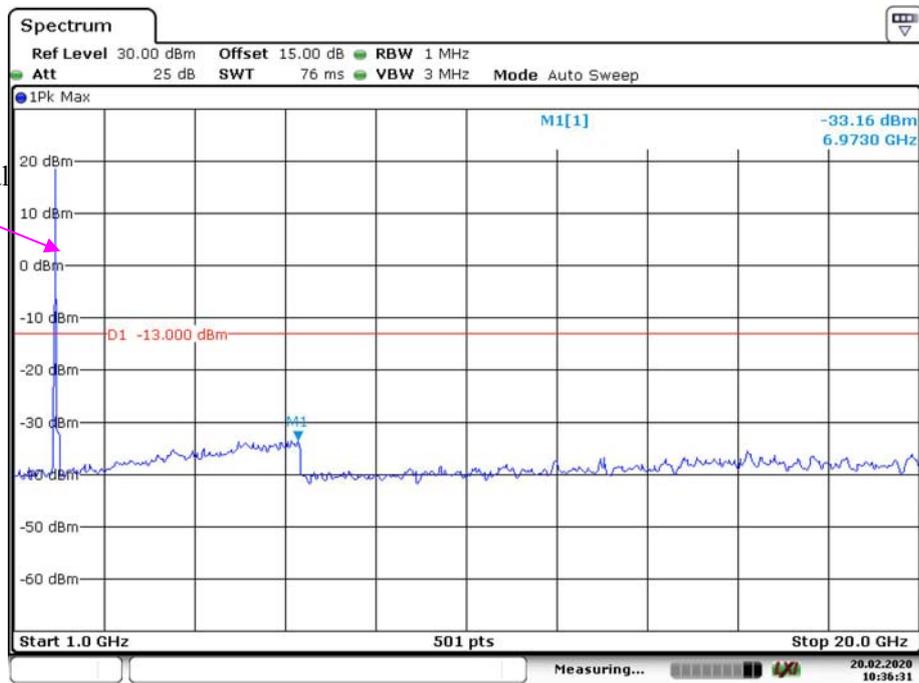
Date: 20.FEB.2020 10:35:36

### QPSK\_15 MHz



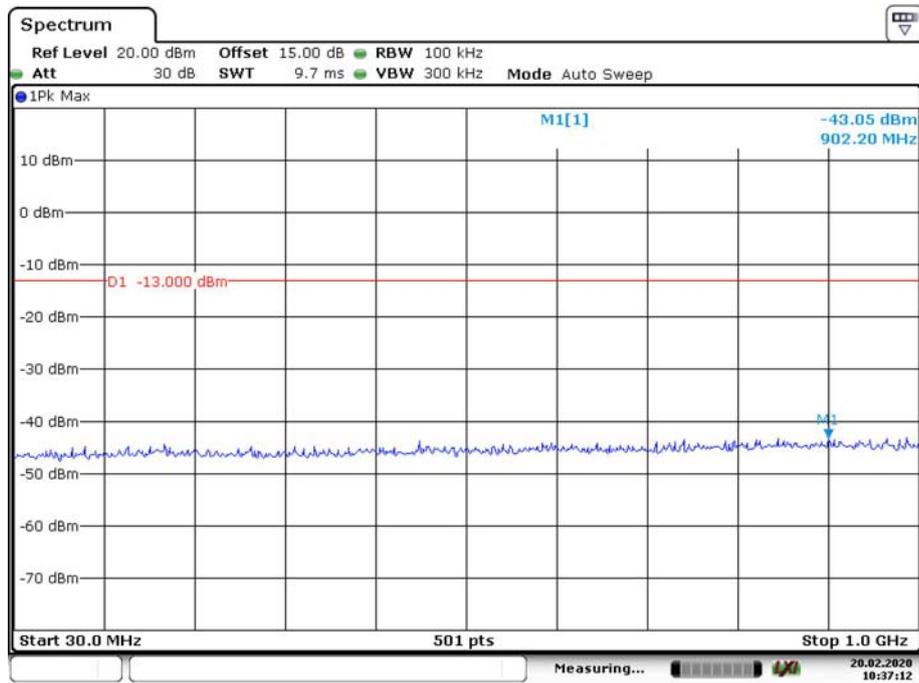
Date: 20.FEB.2020 10:36:09

Fundamental



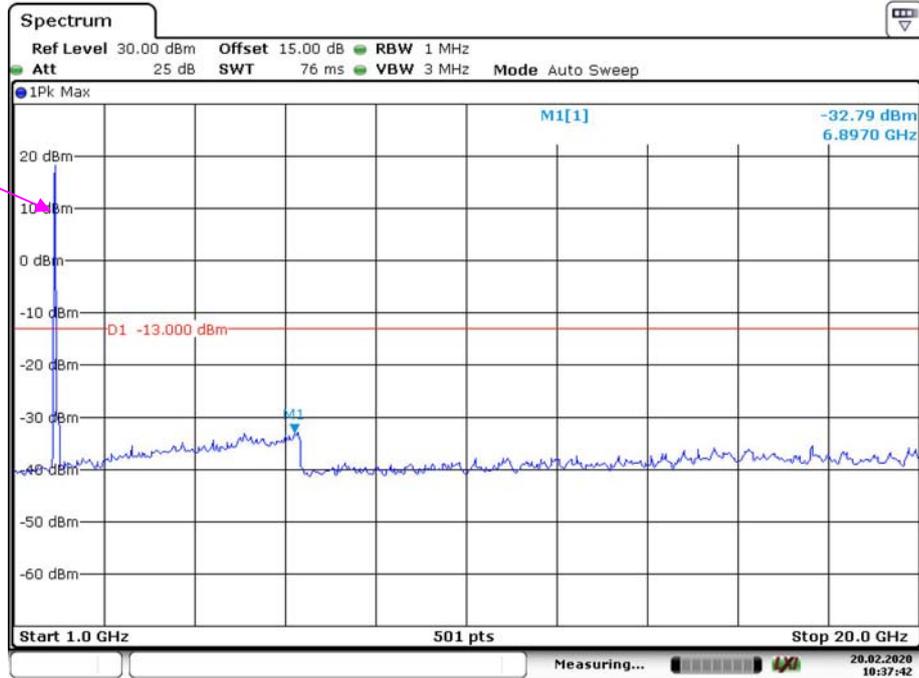
Date: 20.FEB.2020 10:36:31

### QPSK\_20 MHz



Date: 20.FEB.2020 10:37:12

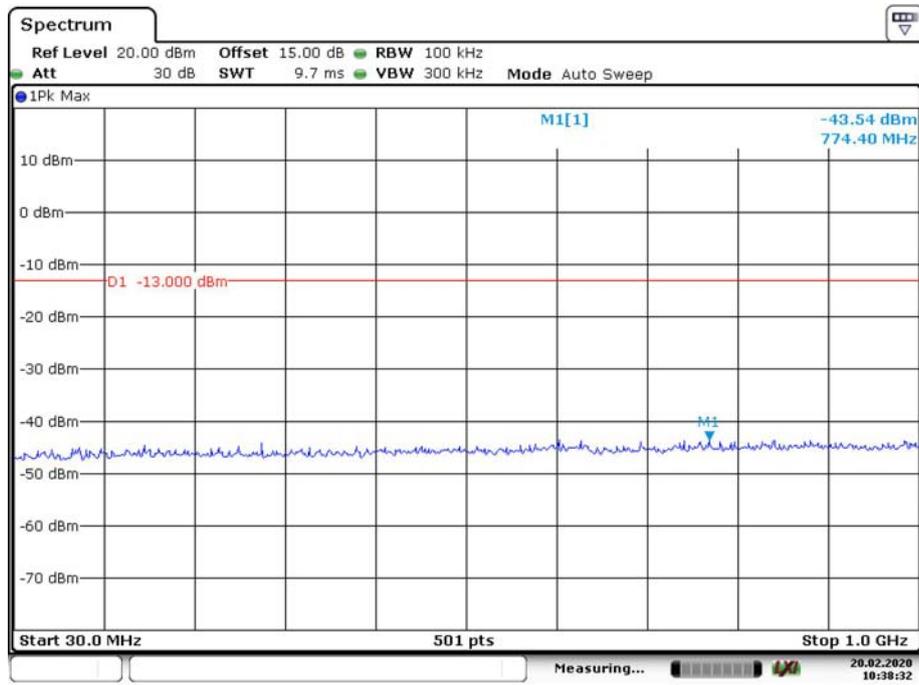
Fundamental



Date: 20.FEB.2020 10:37:42

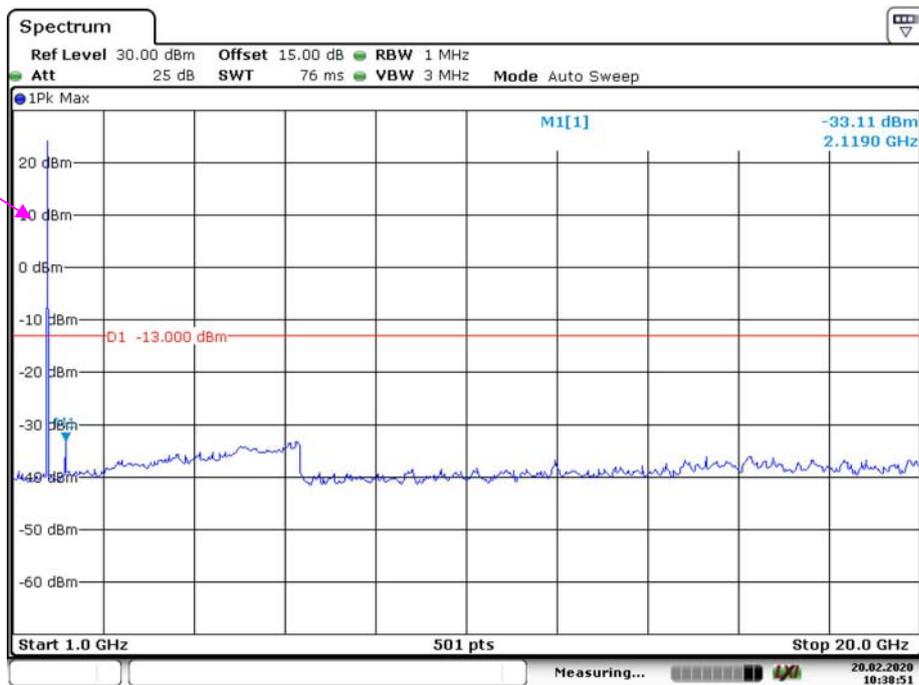
LTE Band 4 (Middle Channel)

QPSK\_1.4 MHz



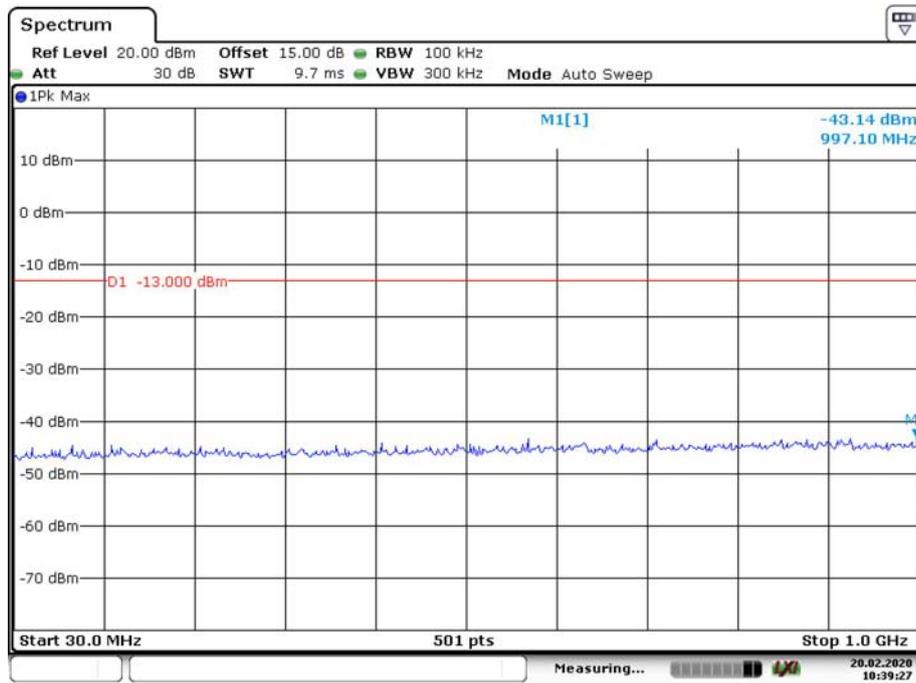
Date: 20.FEB.2020 10:38:32

Fundamental



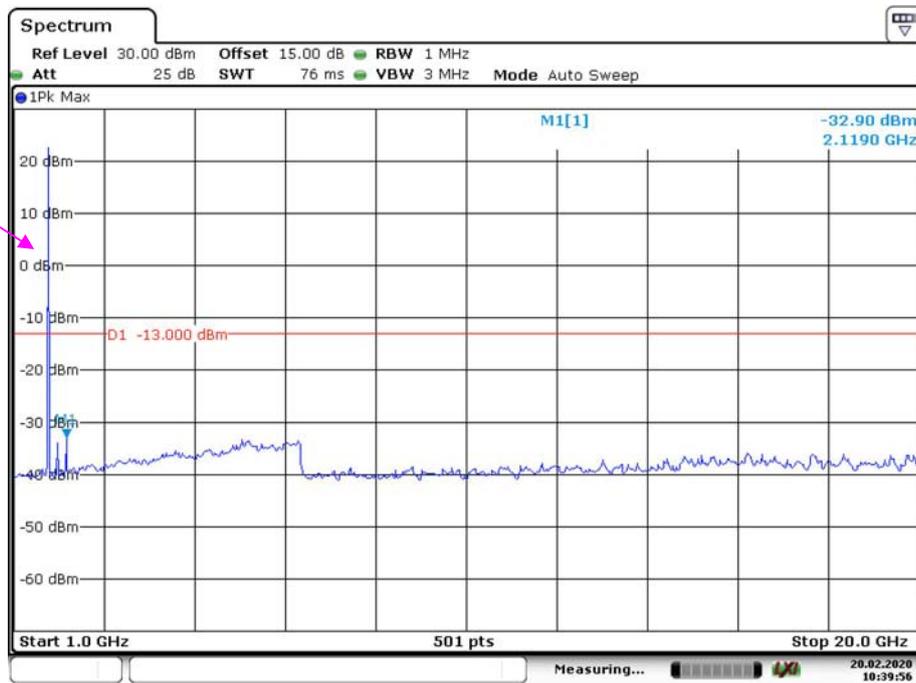
Date: 20.FEB.2020 10:38:51

### QPSK\_3 MHz



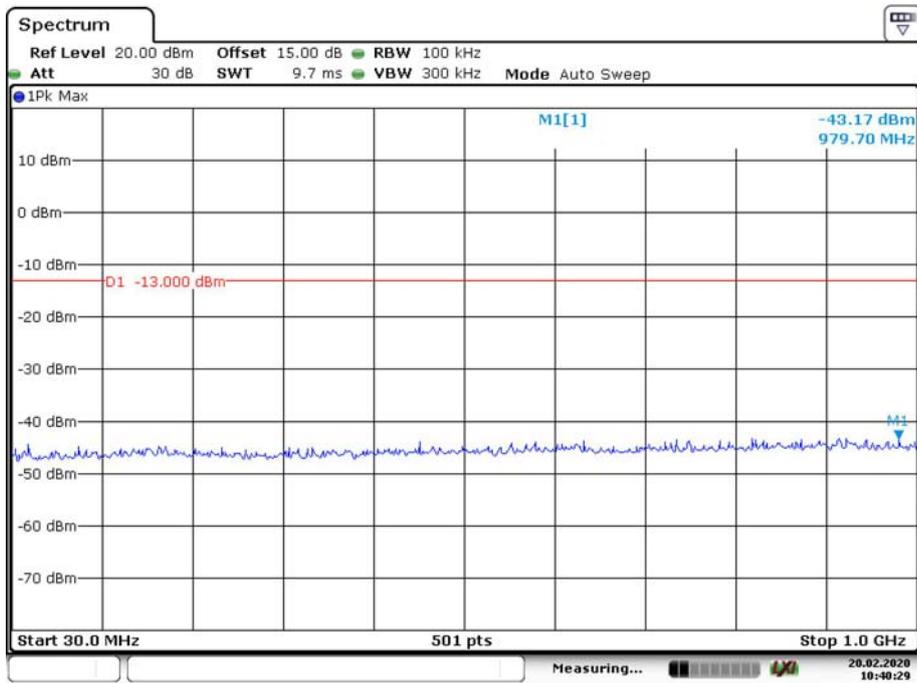
Date: 20.FEB.2020 10:39:28

Fundamental



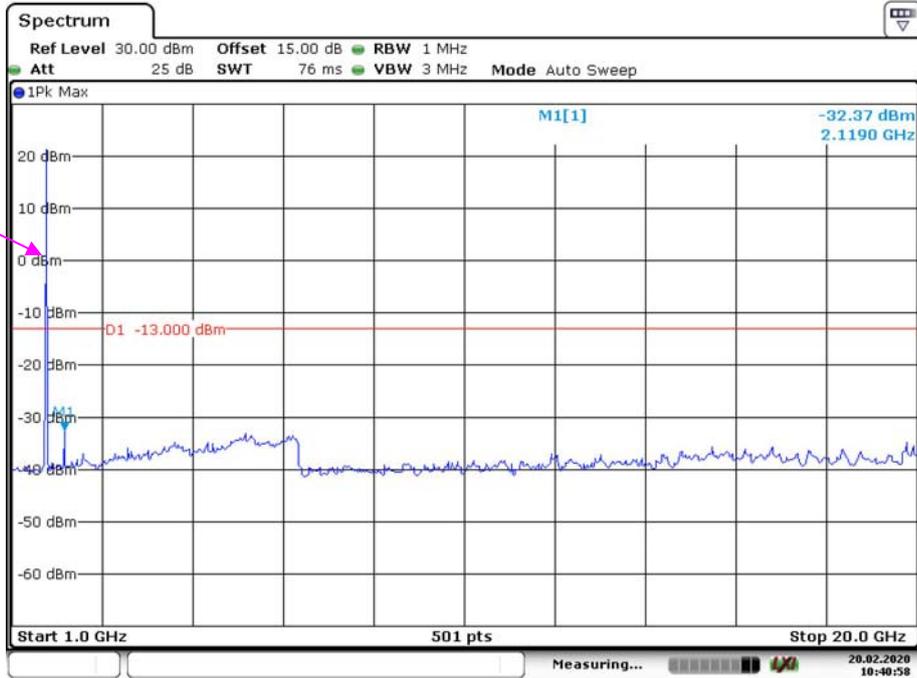
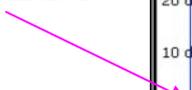
Date: 20.FEB.2020 10:39:57

### QPSK\_5 MHz



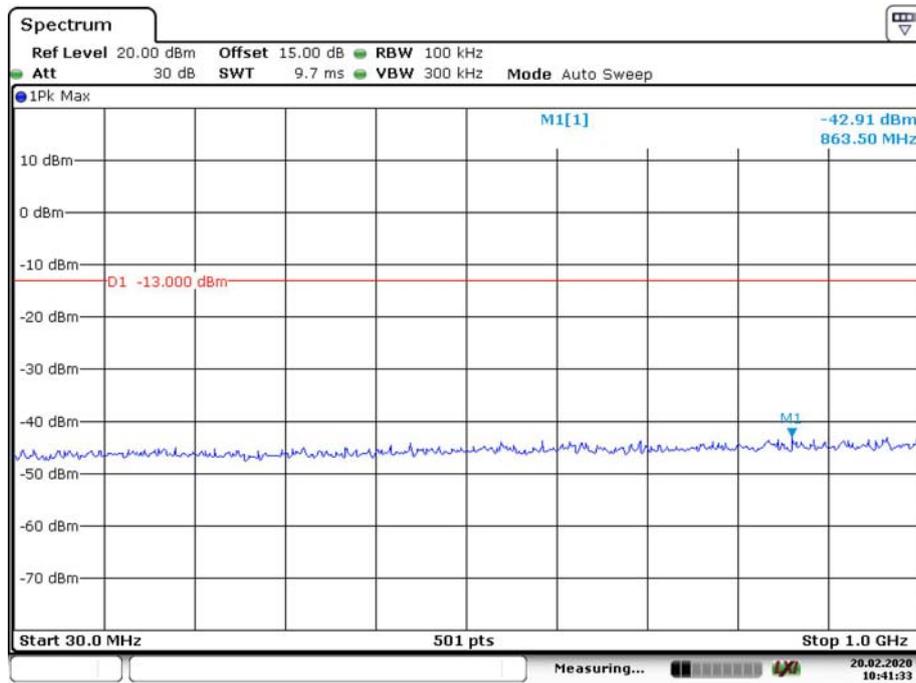
Date: 20.FEB.2020 10:40:30

Fundamental



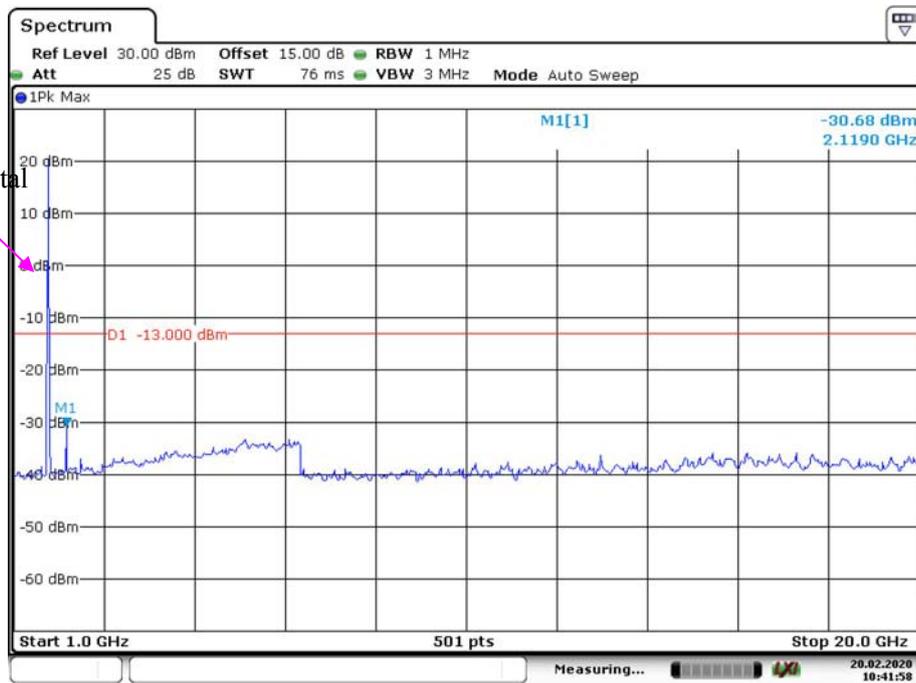
Date: 20.FEB.2020 10:40:58

### QPSK\_10 MHz



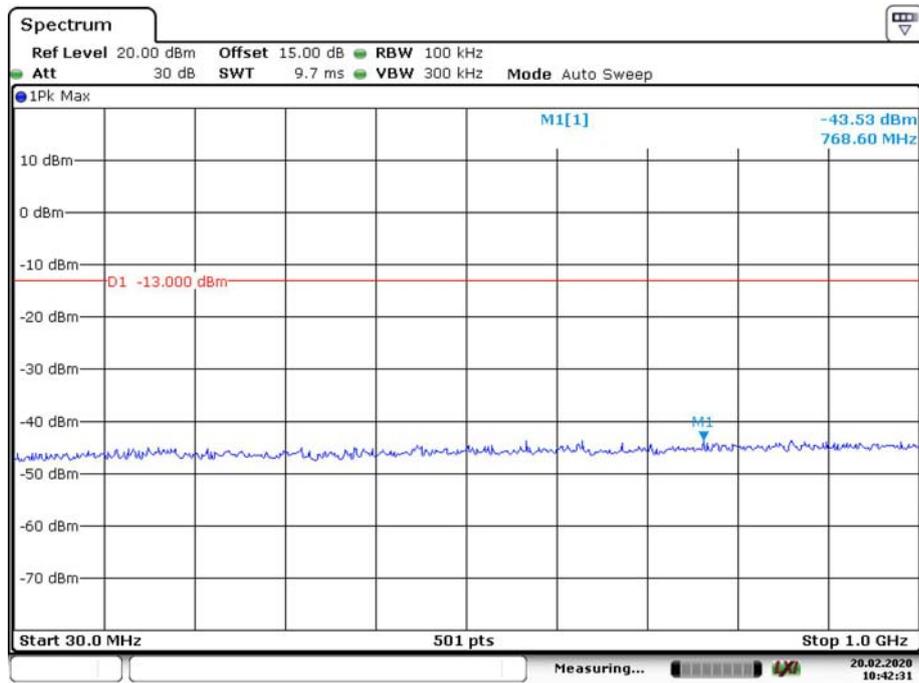
Date: 20.FEB.2020 10:41:33

Fundamental



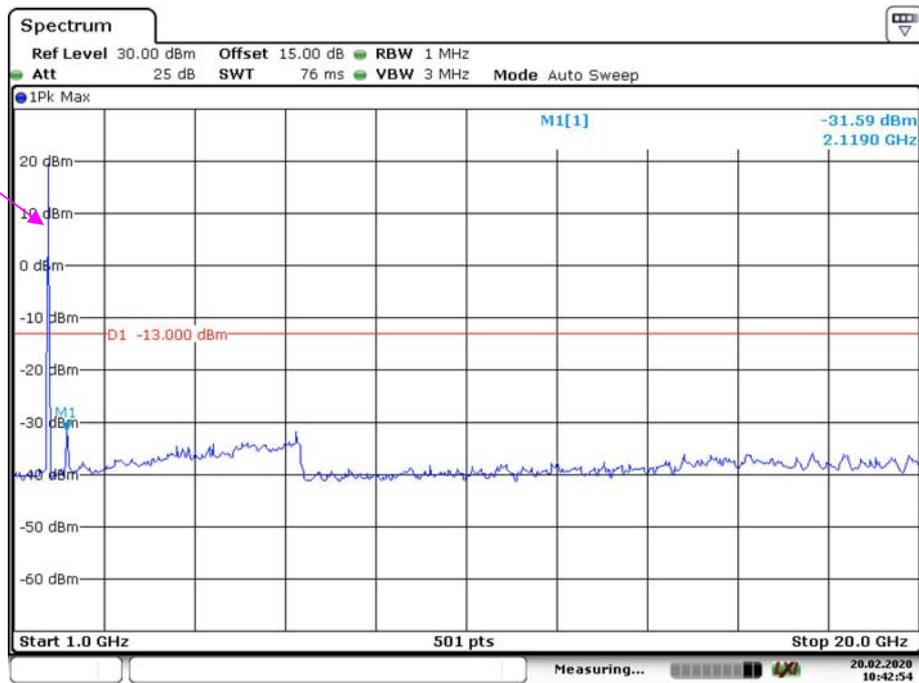
Date: 20.FEB.2020 10:41:59

### QPSK\_15 MHz



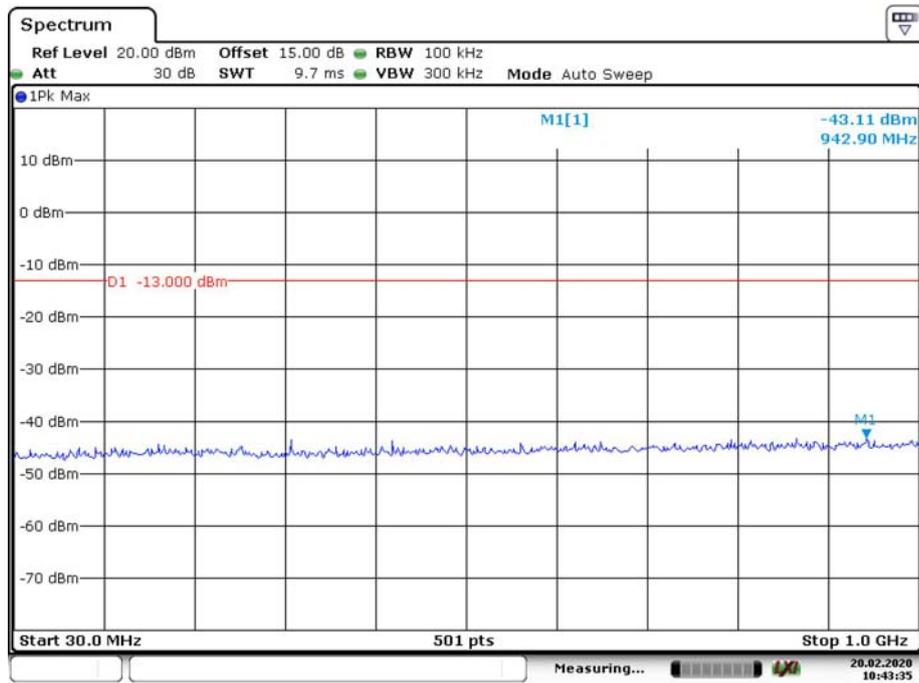
Date: 20.FEB.2020 10:42:32

Fundamental



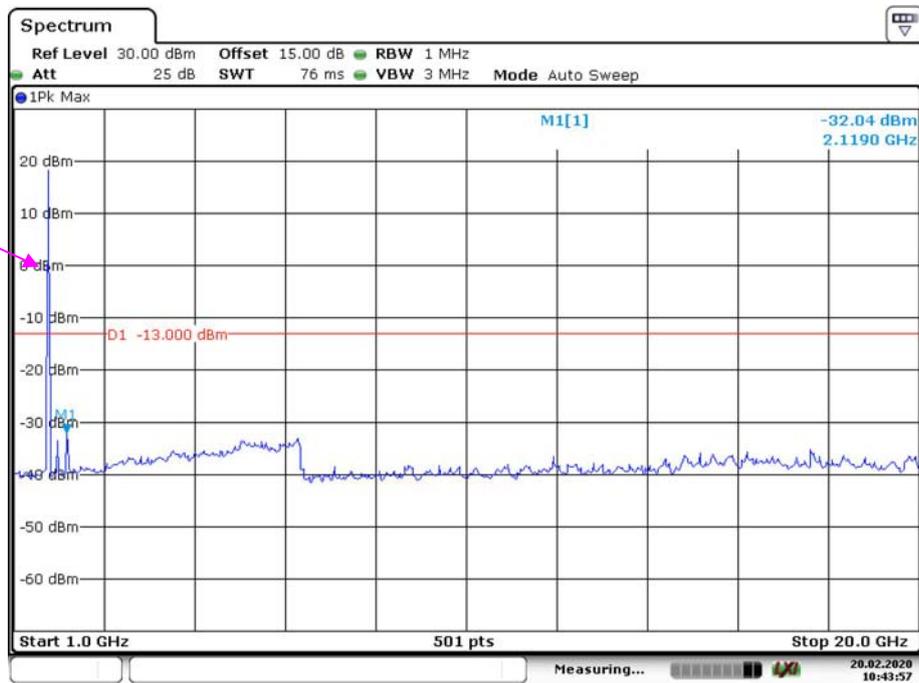
Date: 20.FEB.2020 10:42:54

### QPSK\_20 MHz



Date: 20.FEB.2020 10:43:35

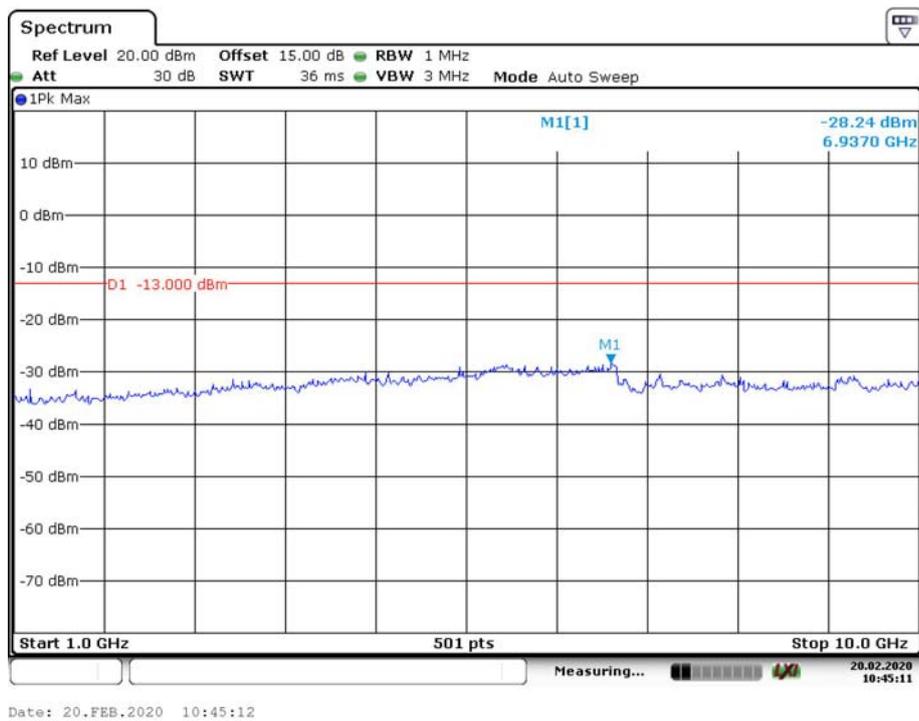
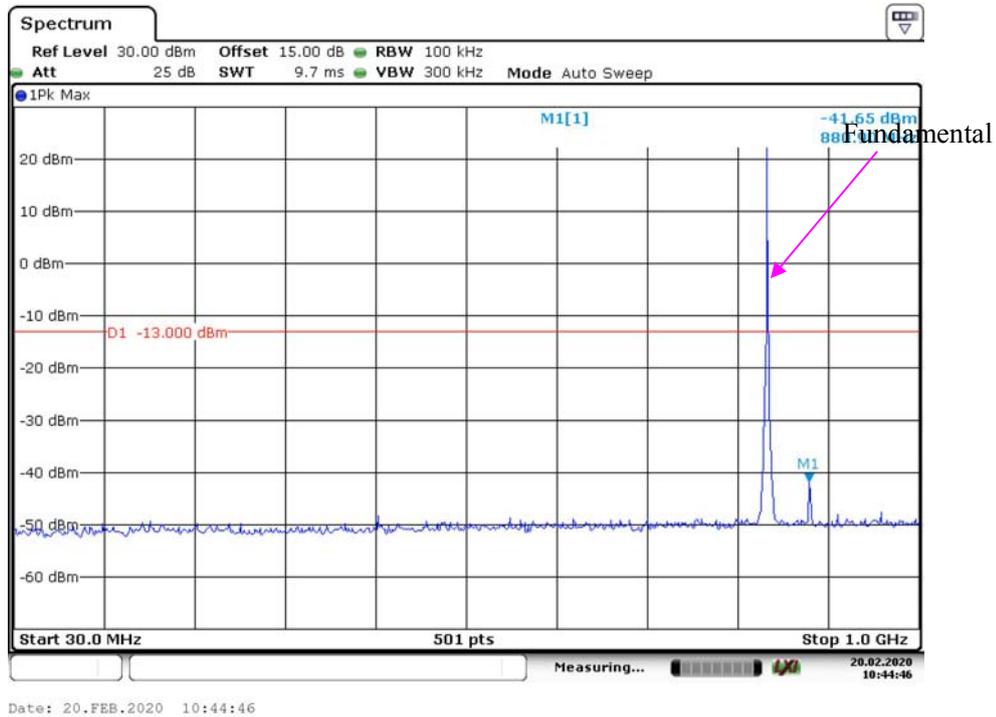
Fundamental



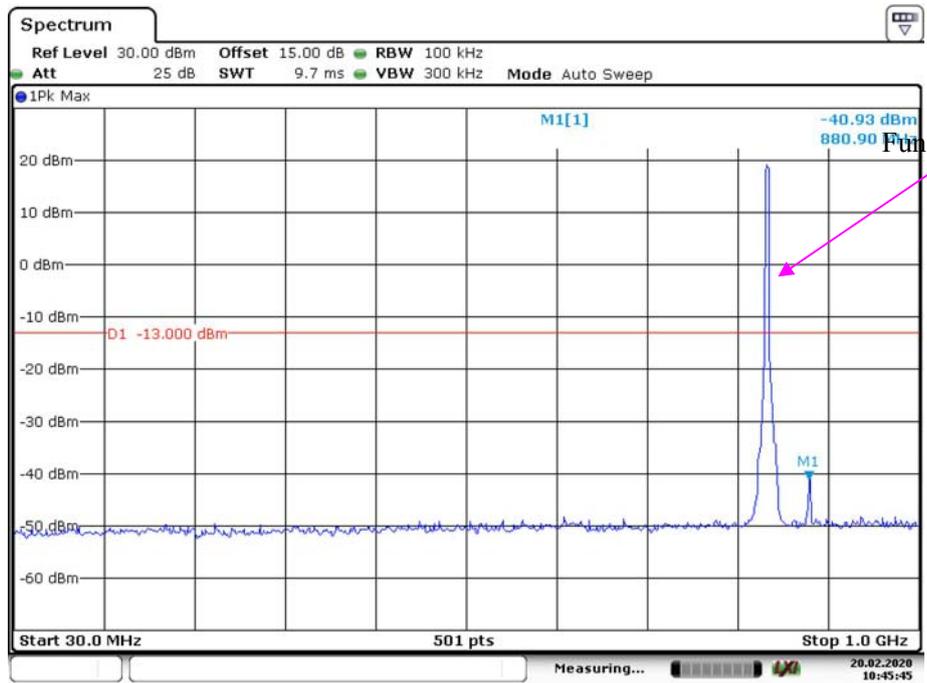
Date: 20.FEB.2020 10:43:58

LTE Band 5 (Middle Channel)

QPSK\_1.4 MHz

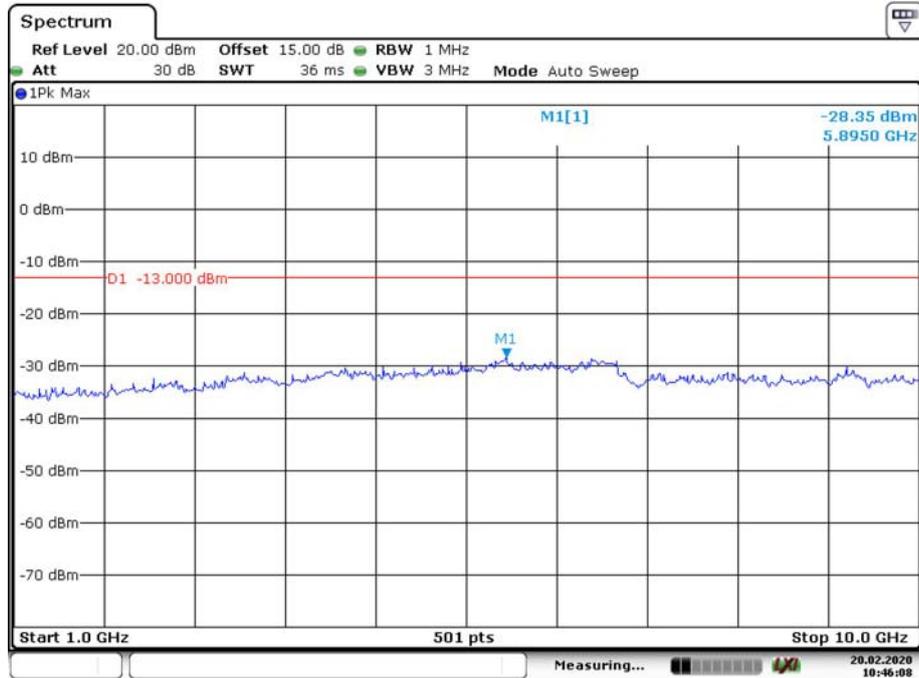


### QPSK\_3 MHz



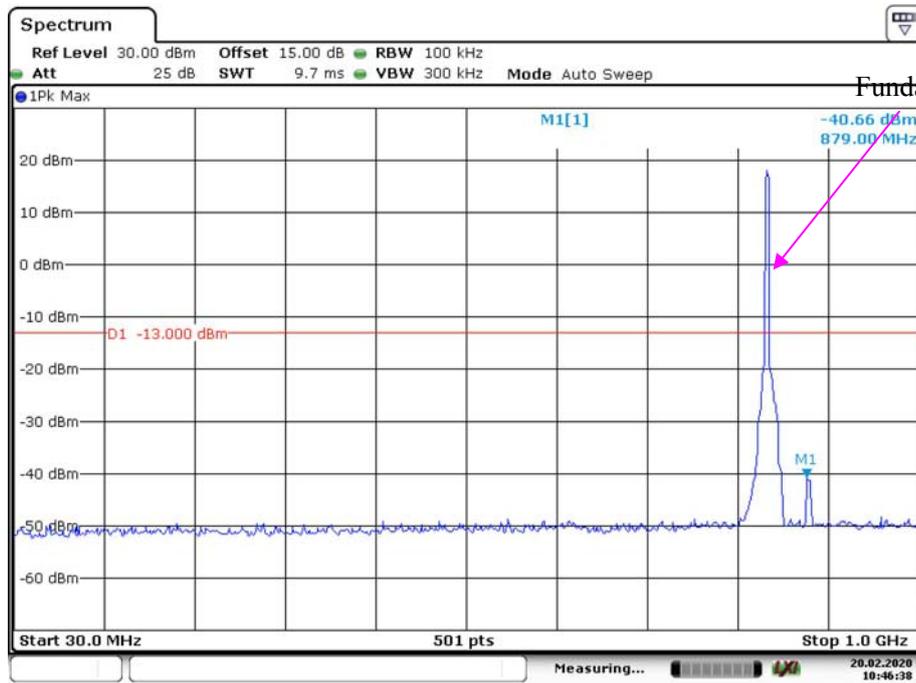
Fundamental

Date: 20.FEB.2020 10:45:46



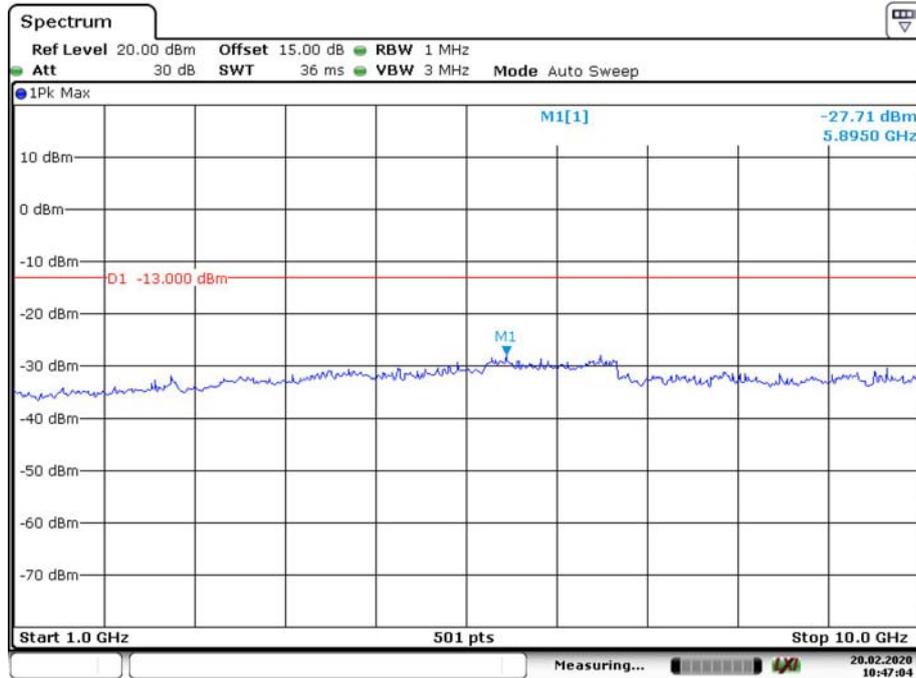
Date: 20.FEB.2020 10:46:08

### QPSK\_5 MHz



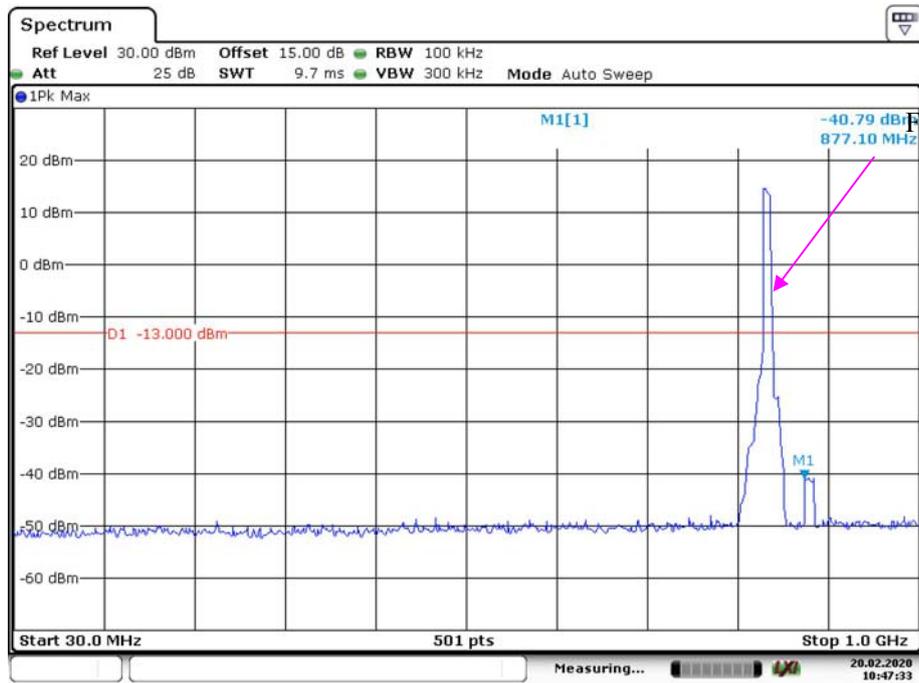
Fundamental

Date: 20.FEB.2020 10:46:39

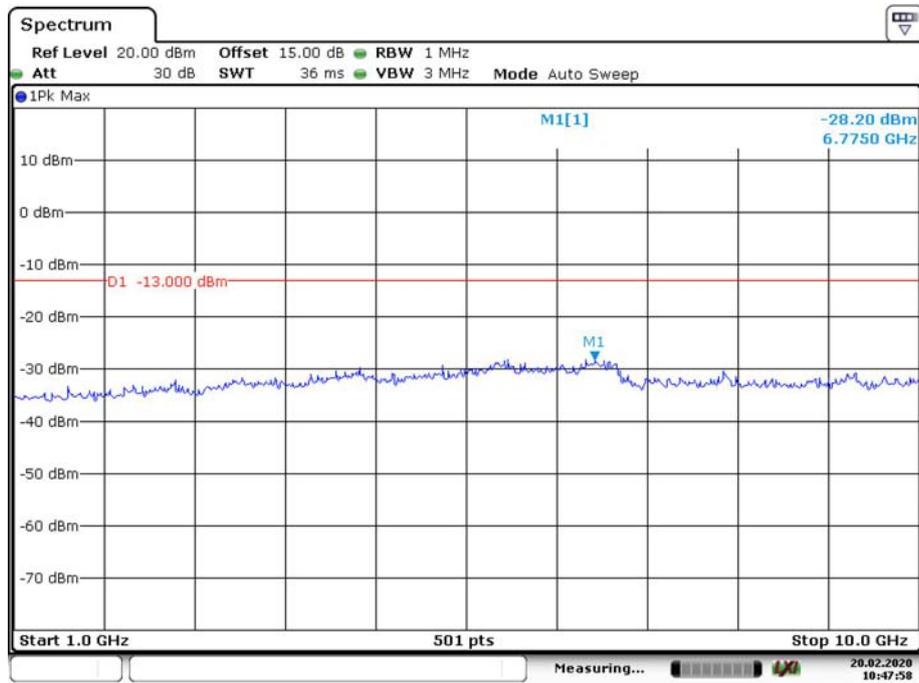


Date: 20.FEB.2020 10:47:04

### QPSK\_10 MHz



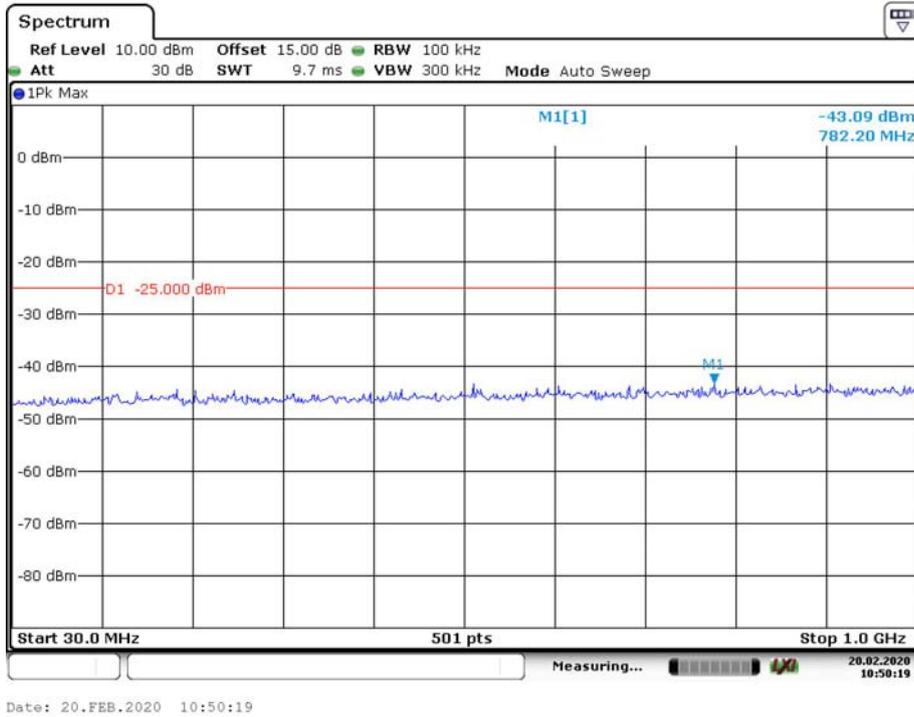
Fundamental



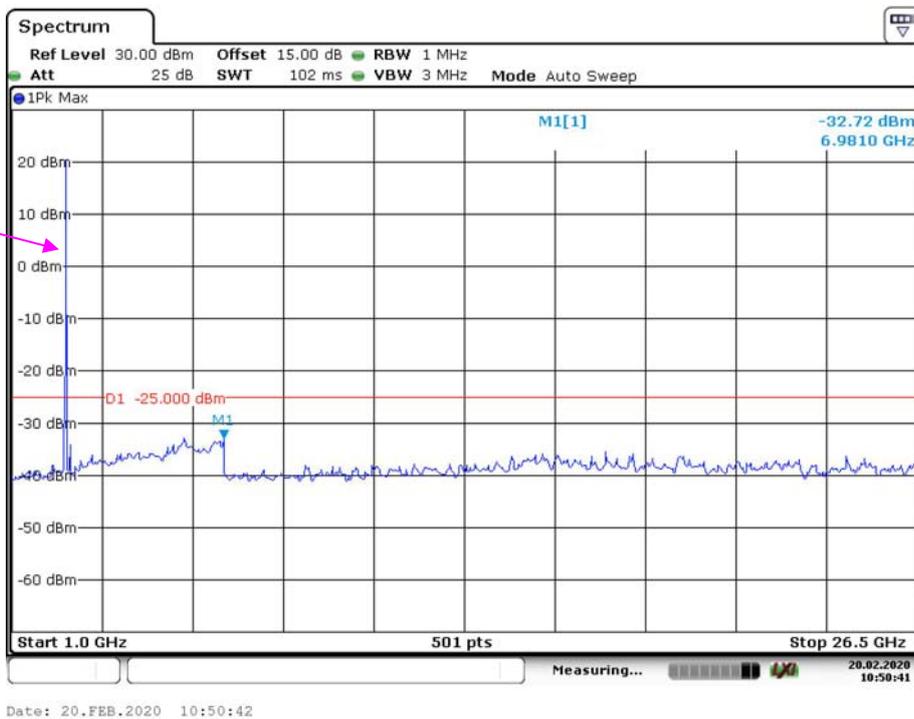
Date: 20.FEB.2020 10:47:59

### LTE Band 7 (Middle Channel)

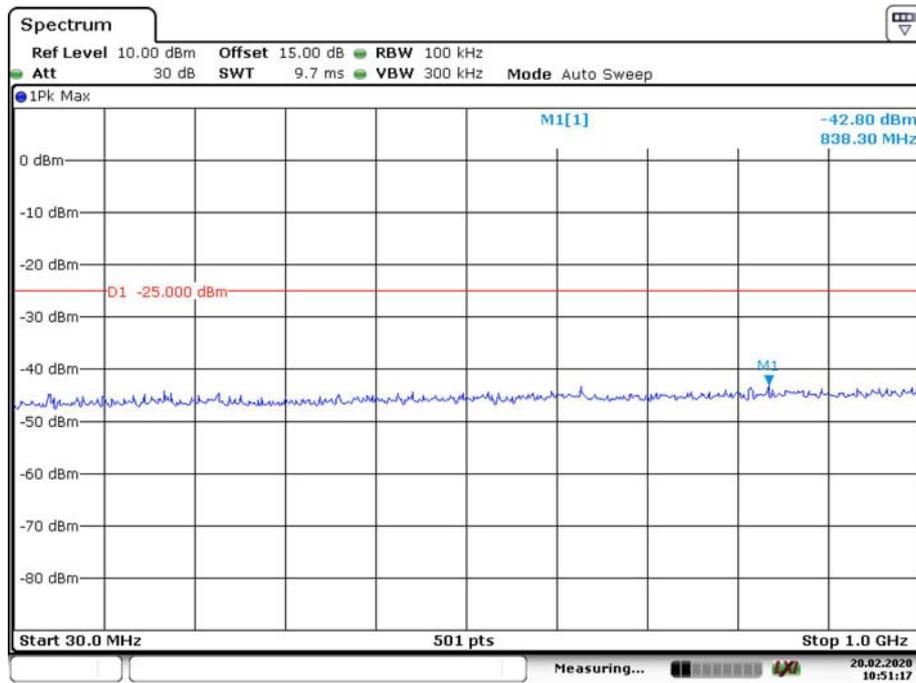
### QPSK\_5 MHz



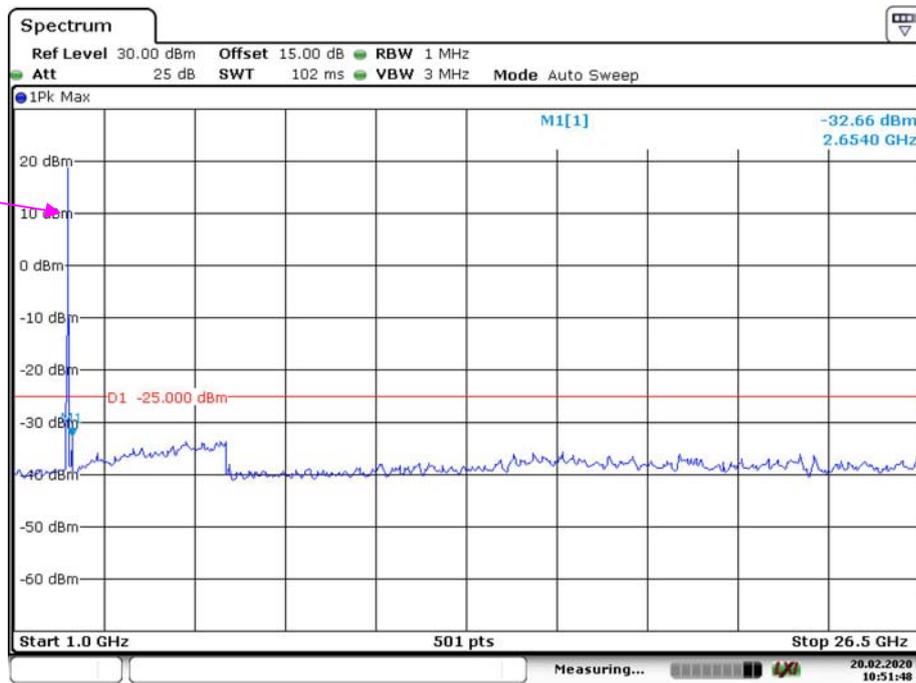
Fundamental



### QPSK\_10 MHz



Date: 20.FEB.2020 10:51:17

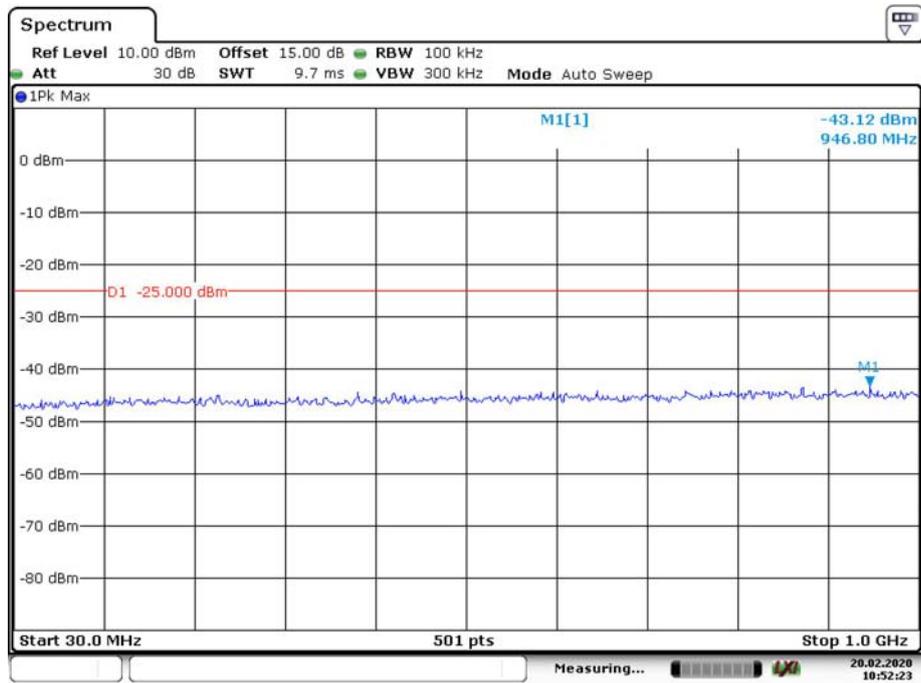


Fundamental



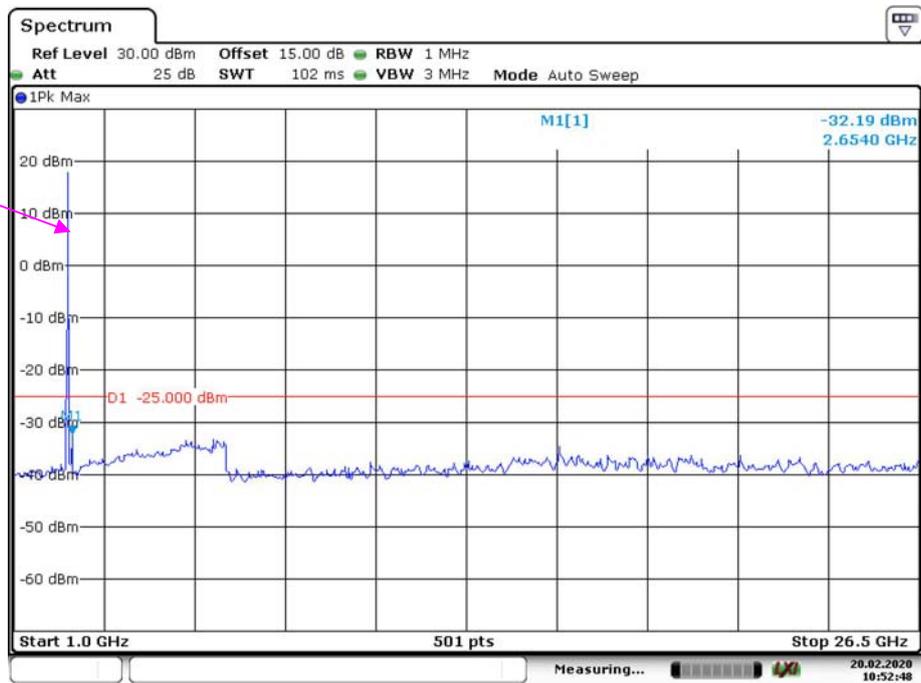
Date: 20.FEB.2020 10:51:48

### QPSK\_15 MHz



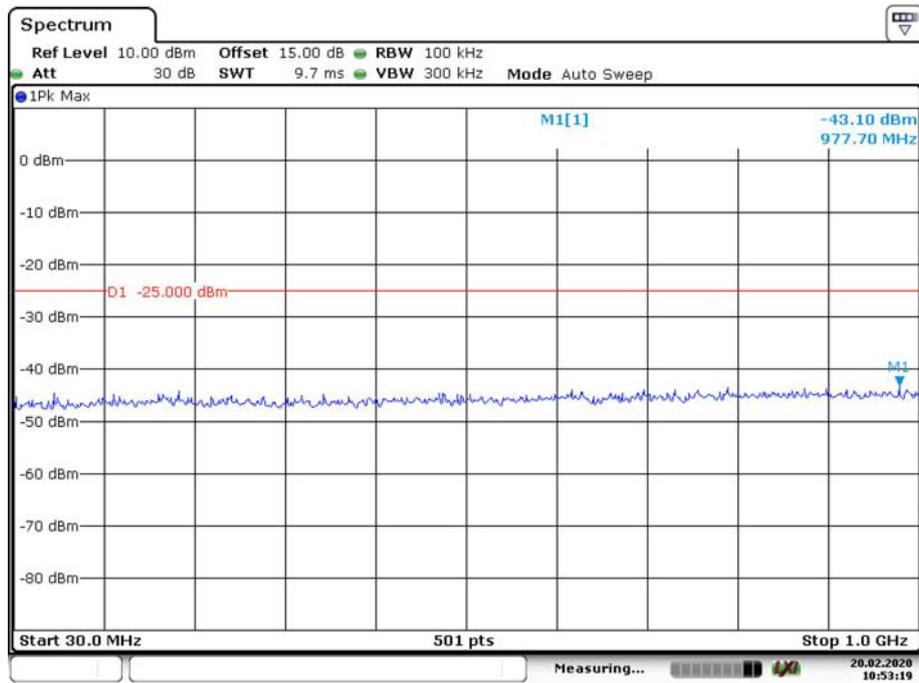
Date: 20.FEB.2020 10:52:23

Fundamental



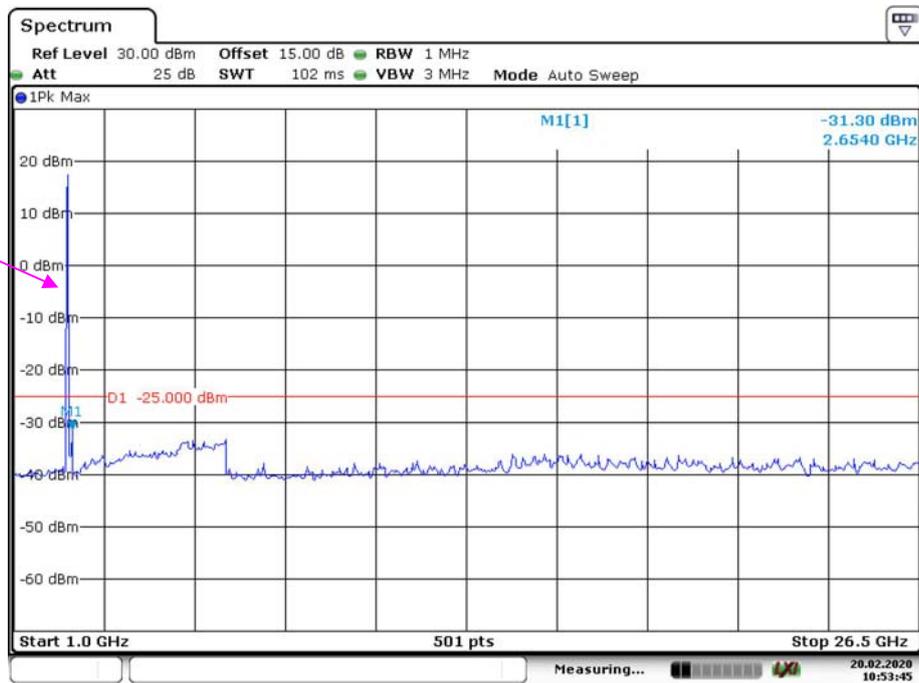
Date: 20.FEB.2020 10:52:49

### QPSK\_20 MHz



Date: 20.FEB.2020 10:53:20

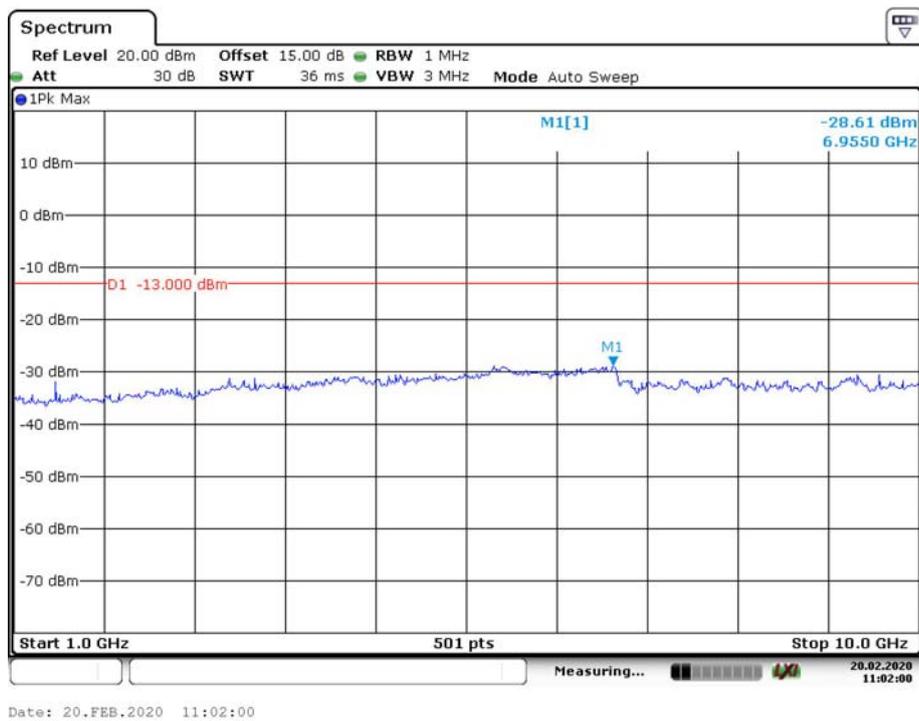
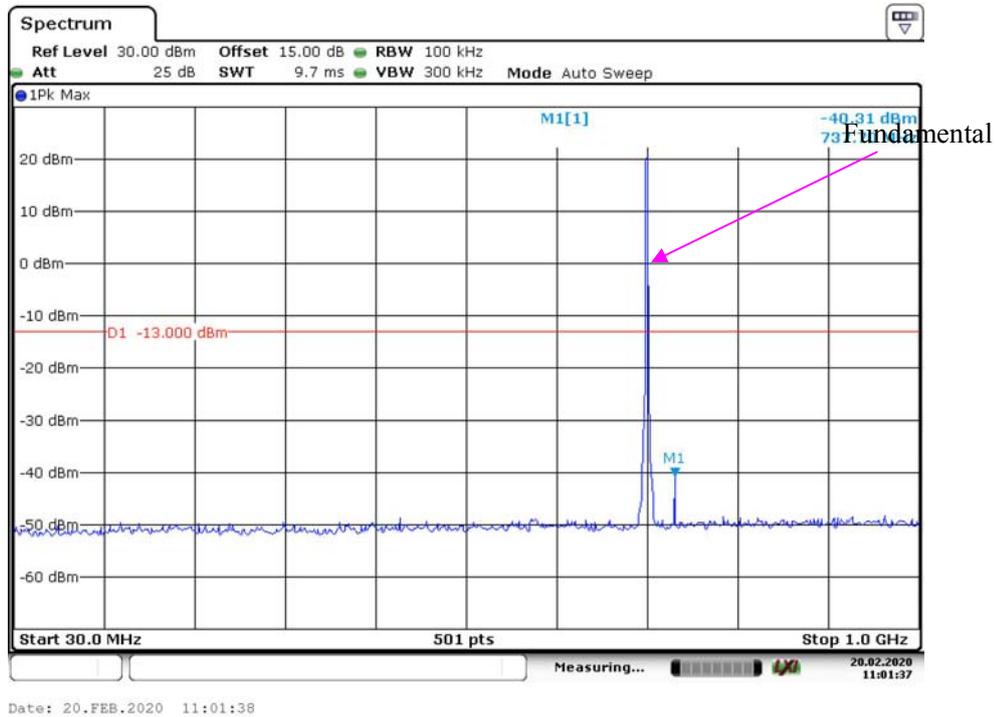
Fundamental



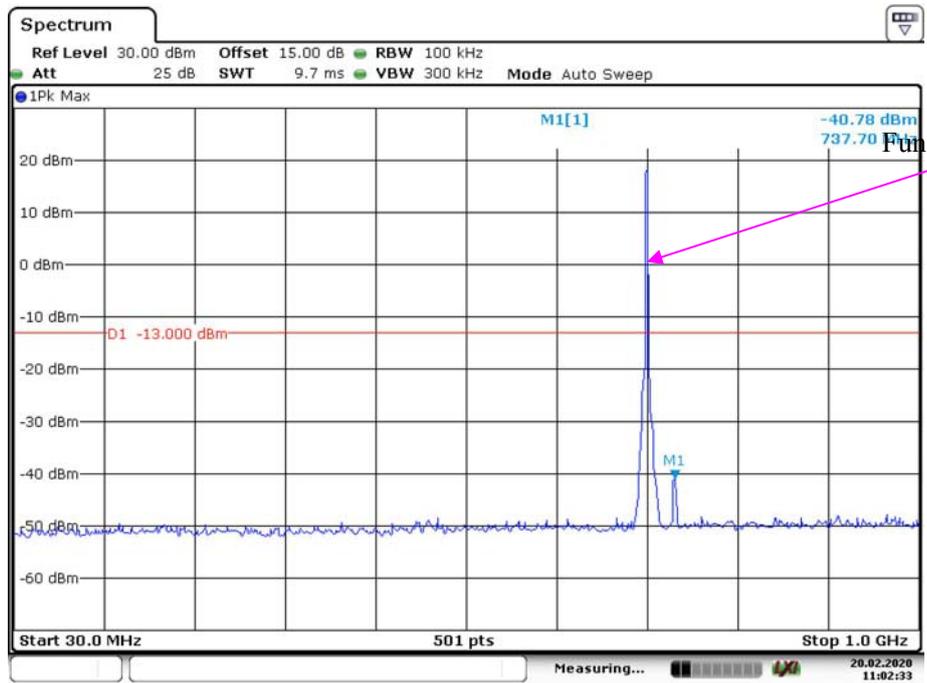
Date: 20.FEB.2020 10:53:45

LTE Band 12 (Middle Channel)

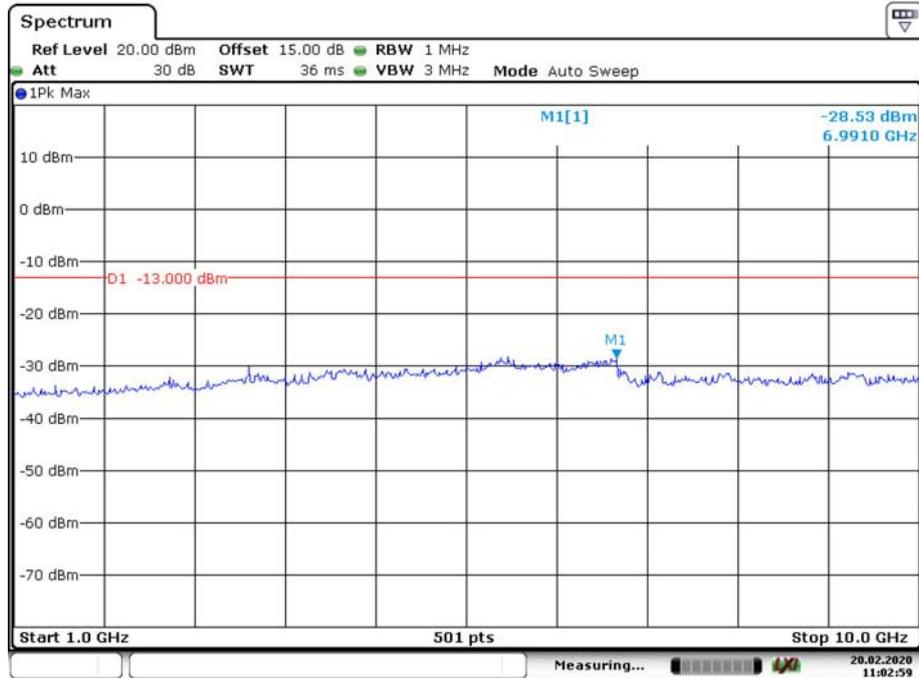
QPSK\_1.4 MHz



### QPSK\_3 MHz

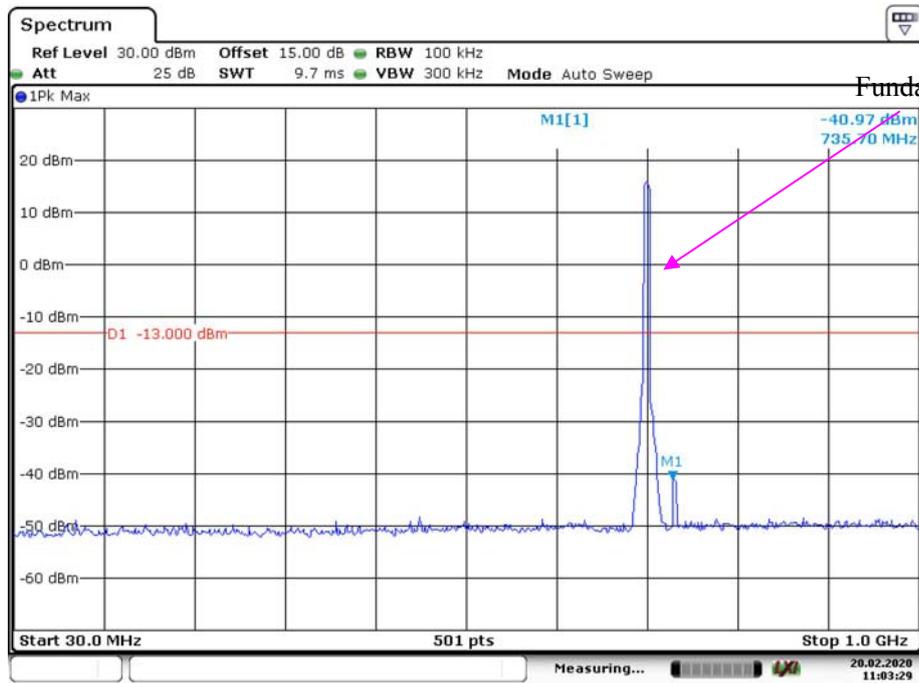


Date: 20.FEB.2020 11:02:34



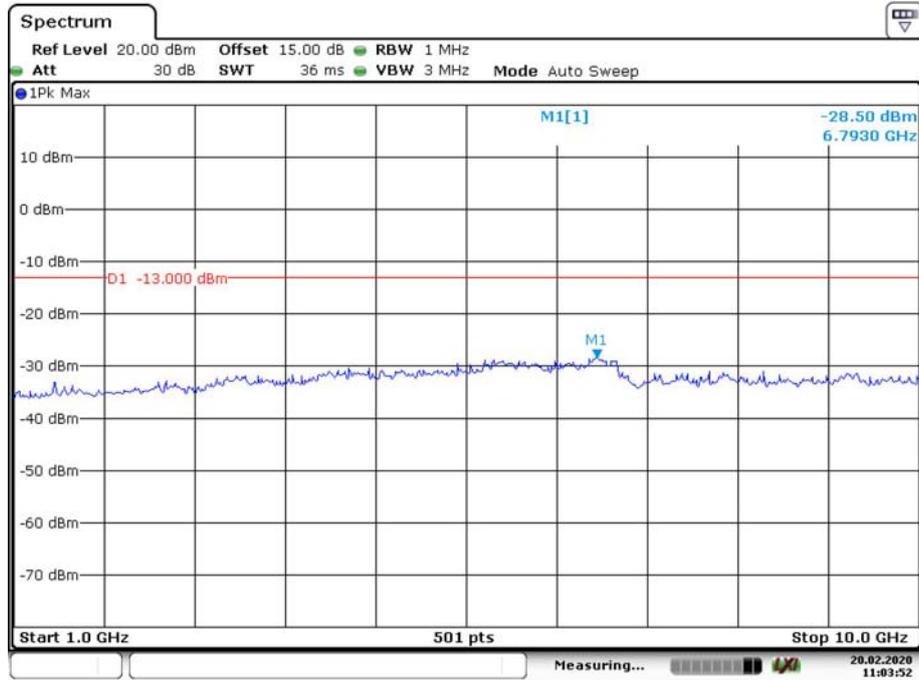
Date: 20.FEB.2020 11:02:59

### QPSK\_5 MHz



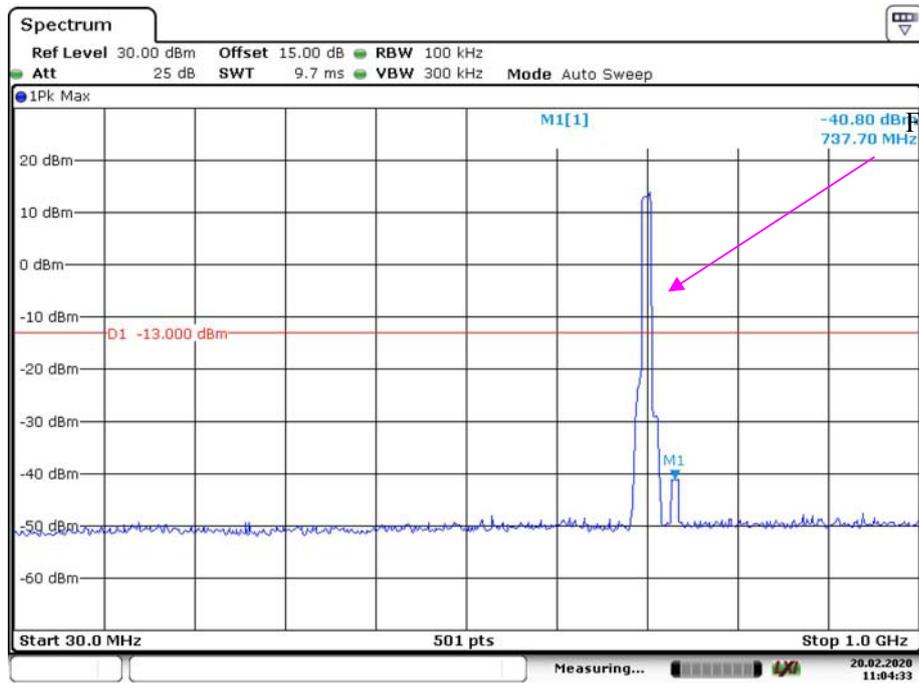
Fundamental

Date: 20.FEB.2020 11:03:30



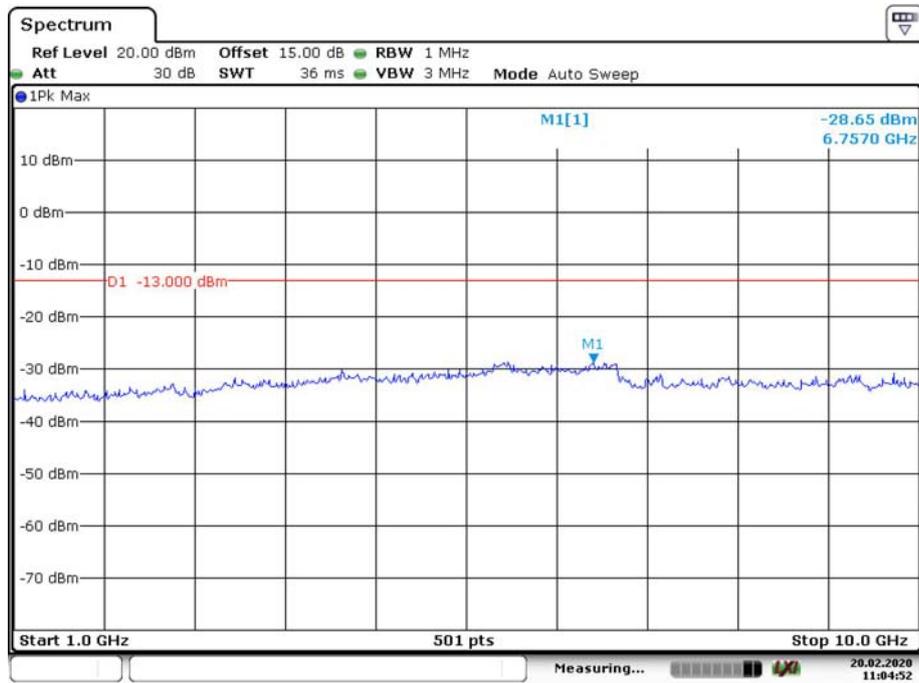
Date: 20.FEB.2020 11:03:52

### QPSK\_10 MHz



Fundamental

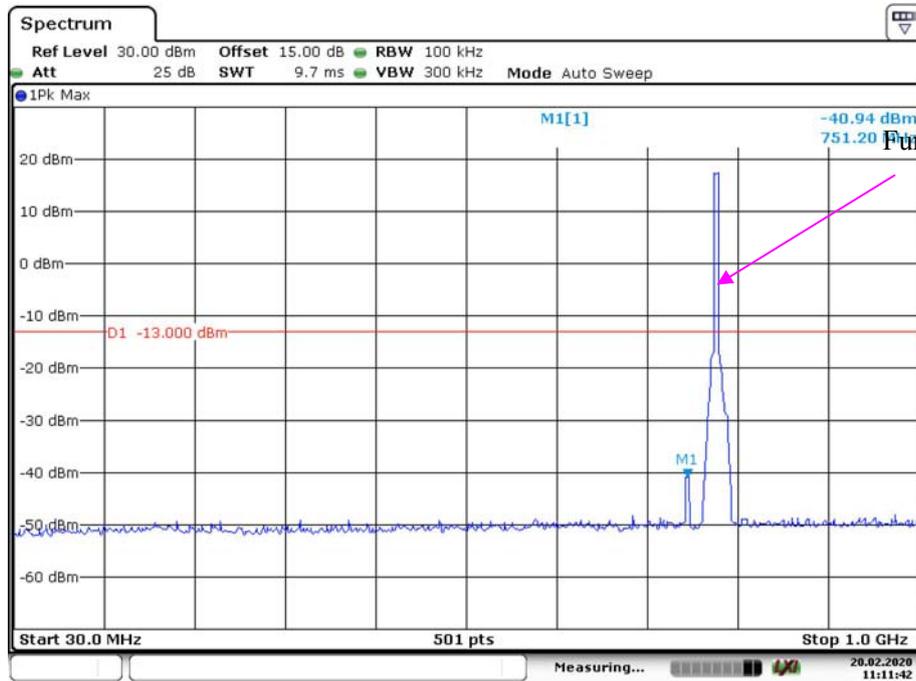
Date: 20.FEB.2020 11:04:33



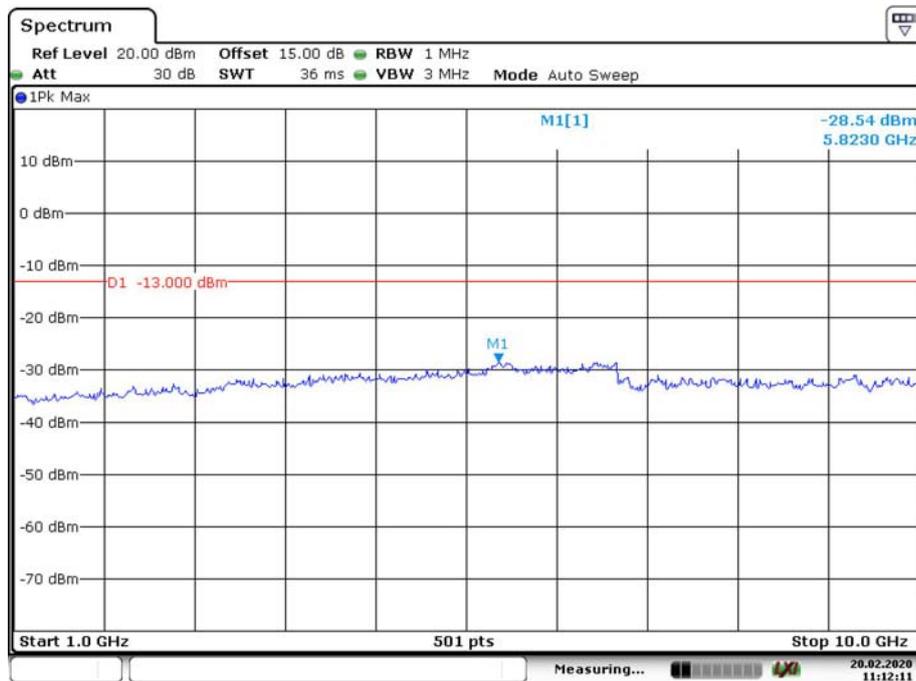
Date: 20.FEB.2020 11:04:52

LTE Band 13 (Middle Channel)

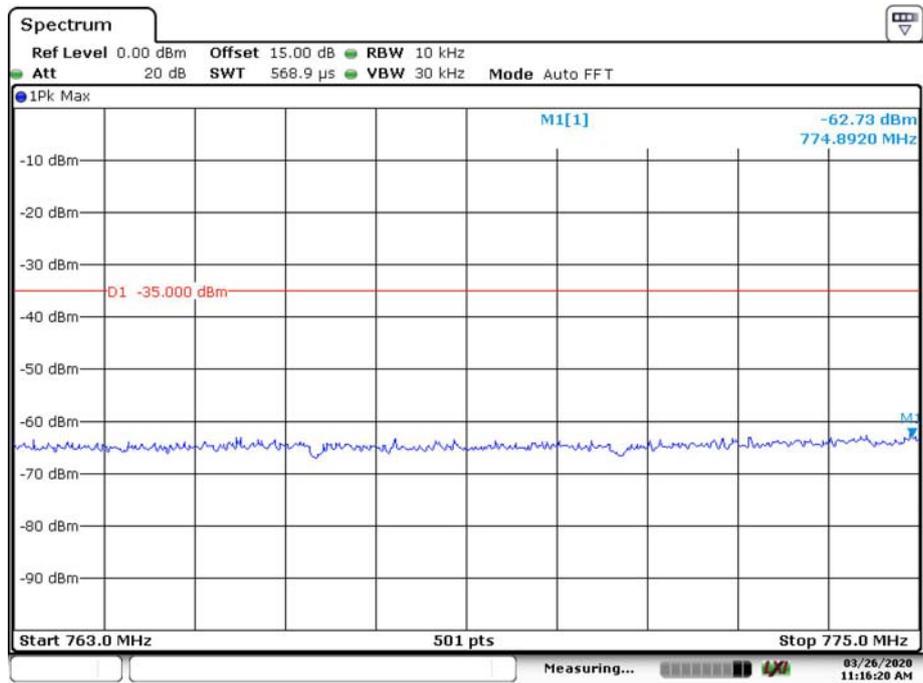
QPSK\_5 MHz



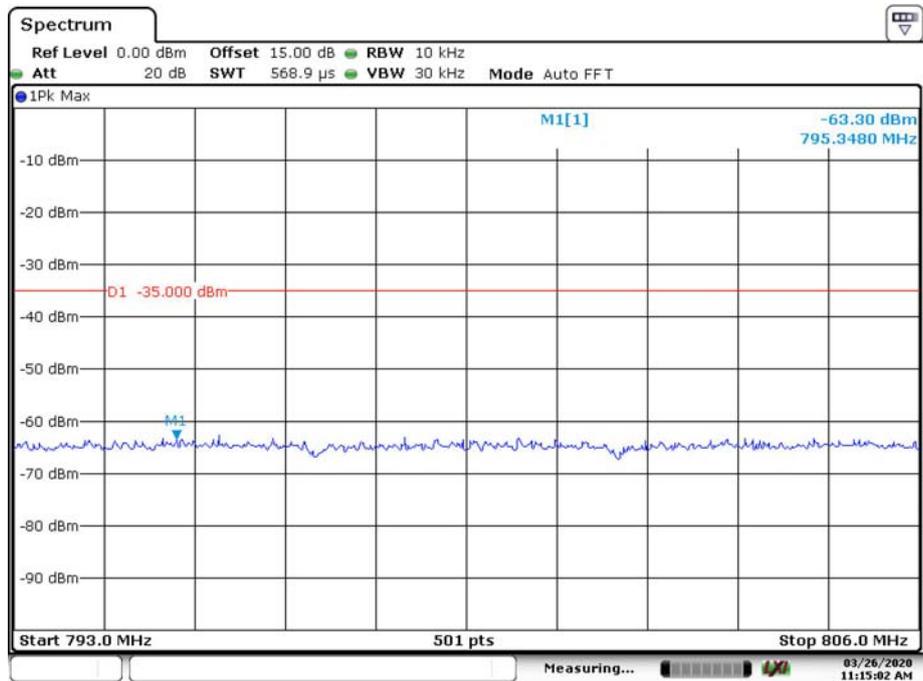
Date: 20.FEB.2020 11:11:43



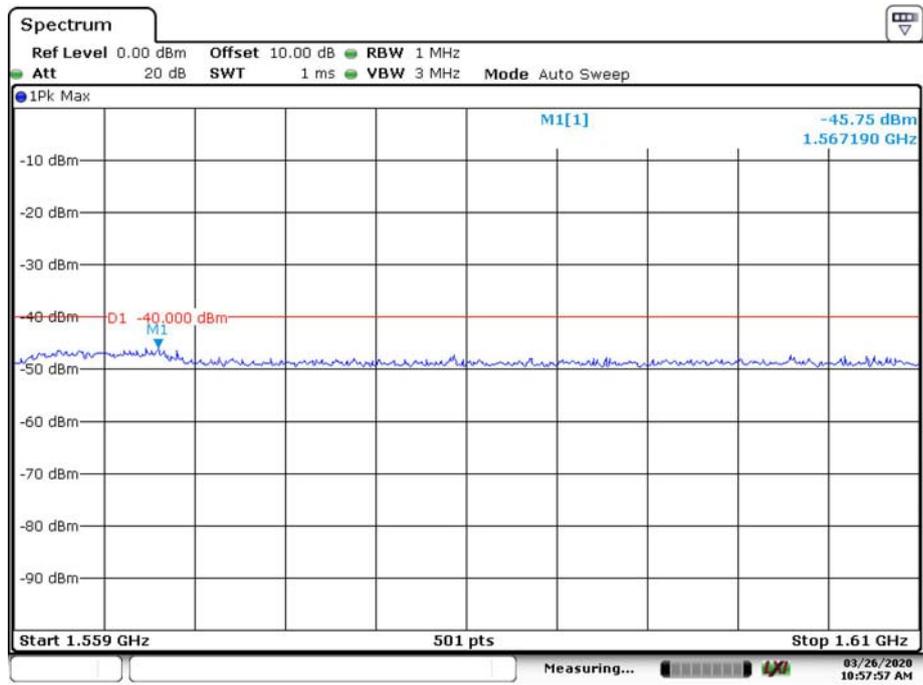
Date: 20.FEB.2020 11:12:11



Date: 26.MAR.2020 11:16:20

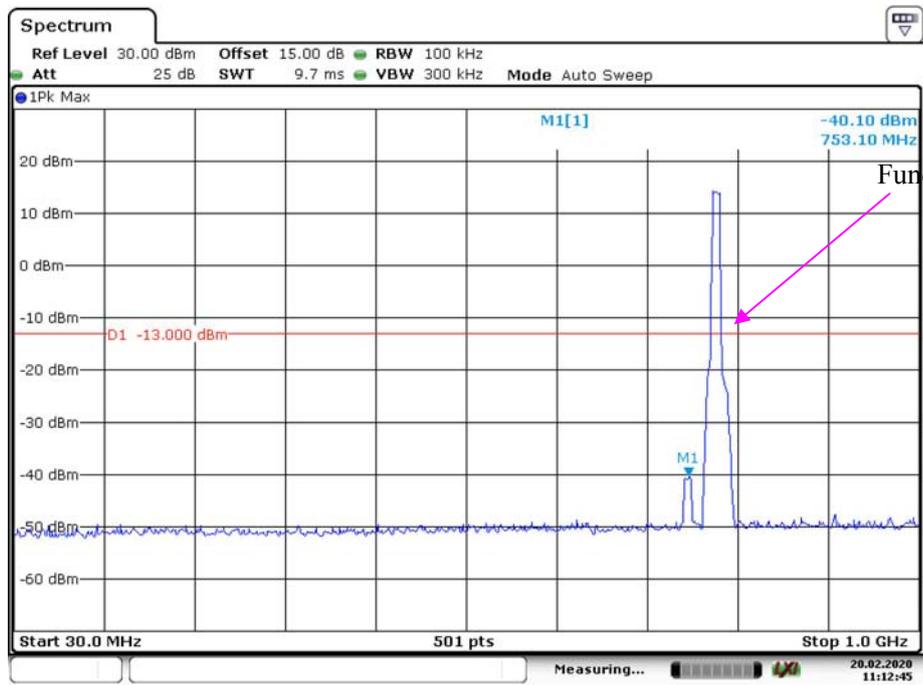


Date: 26.MAR.2020 11:15:02



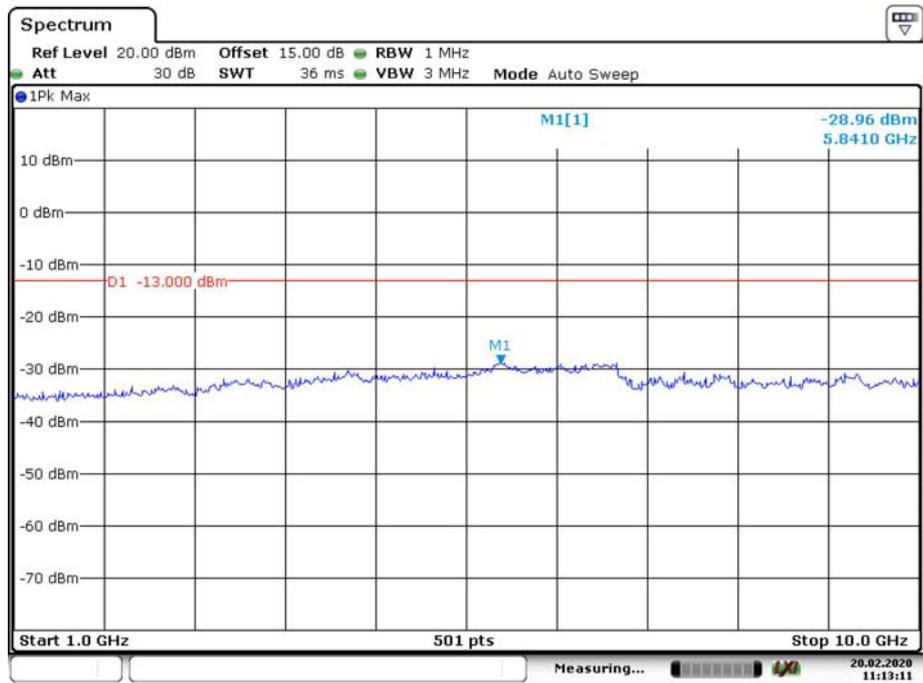
Date: 26.MAR.2020 10:57:57

### QPSK\_10 MHz

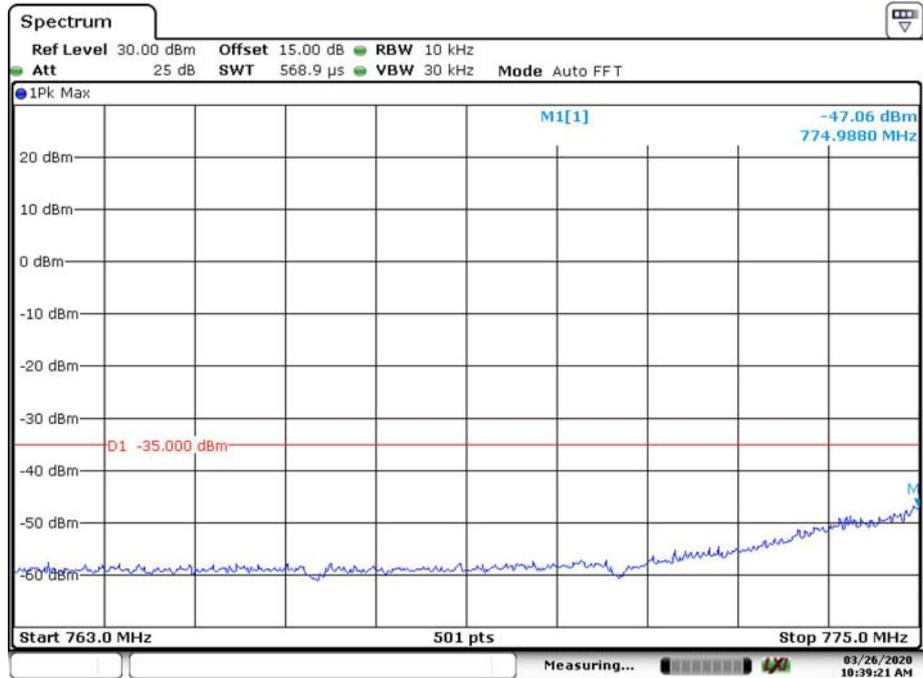


Date: 20.FEB.2020 11:12:46

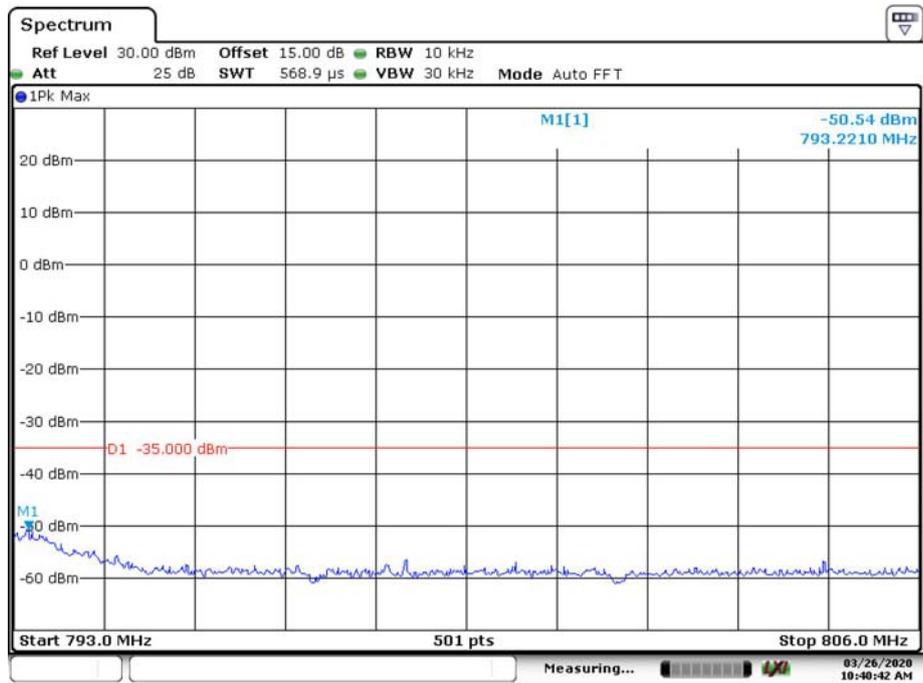
Fundamental



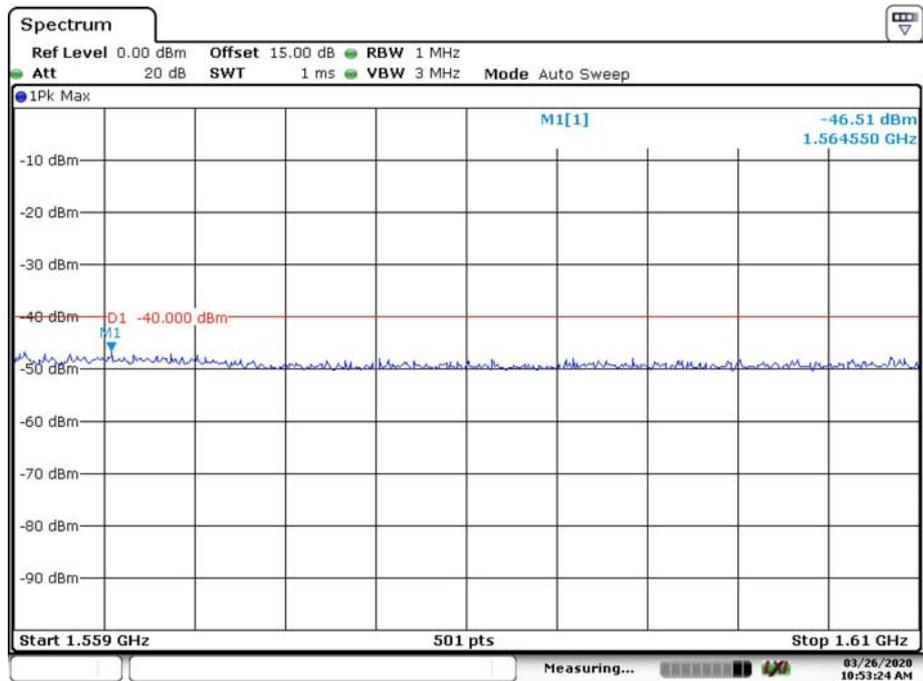
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Date: 26.MAR.2020 10:39:21



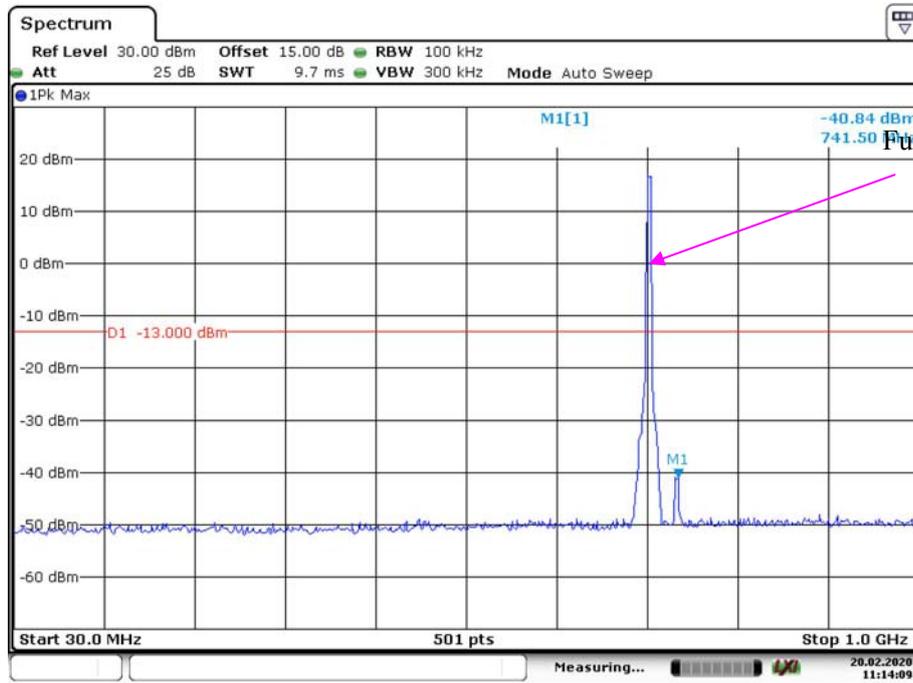
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Date: 26.MAR.2020 10:53:24

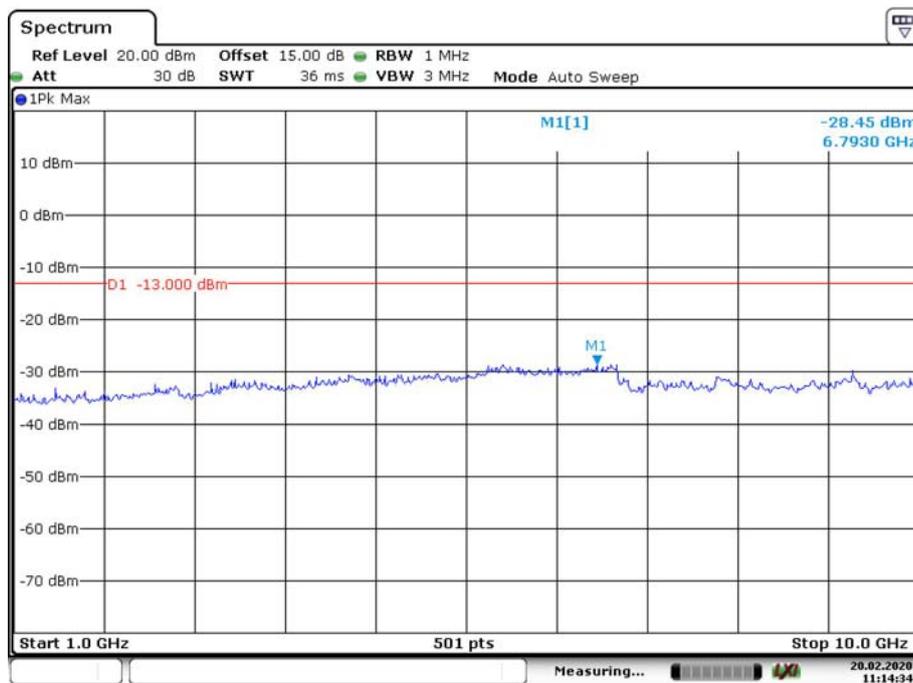
LTE Band 17 (Middle Channel)

QPSK\_5 MHz



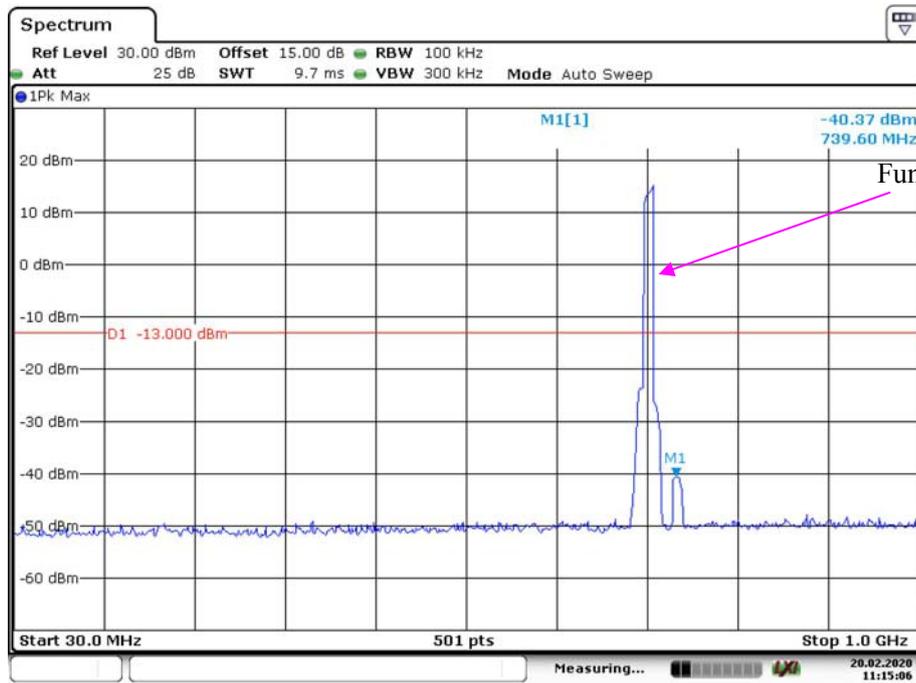
Fundamental

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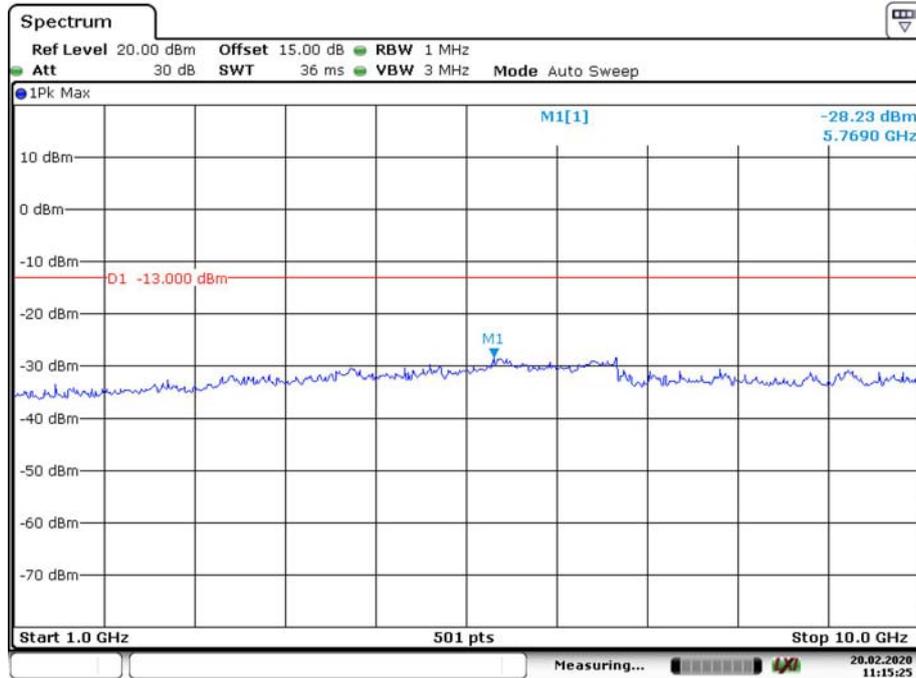


Date: 20.FEB.2020 11:14:35

### QPSK\_10 MHz



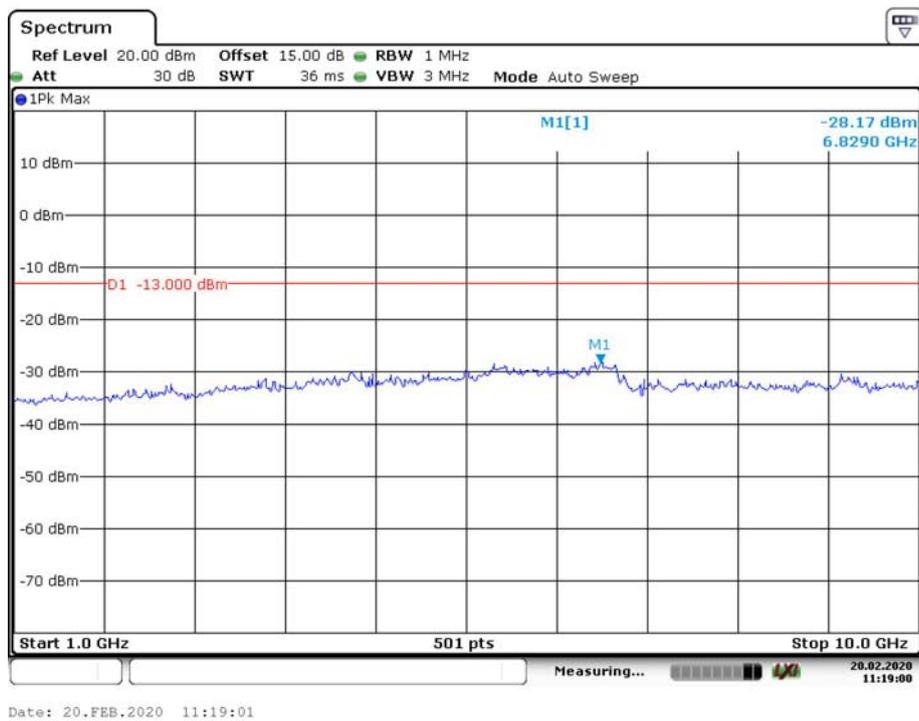
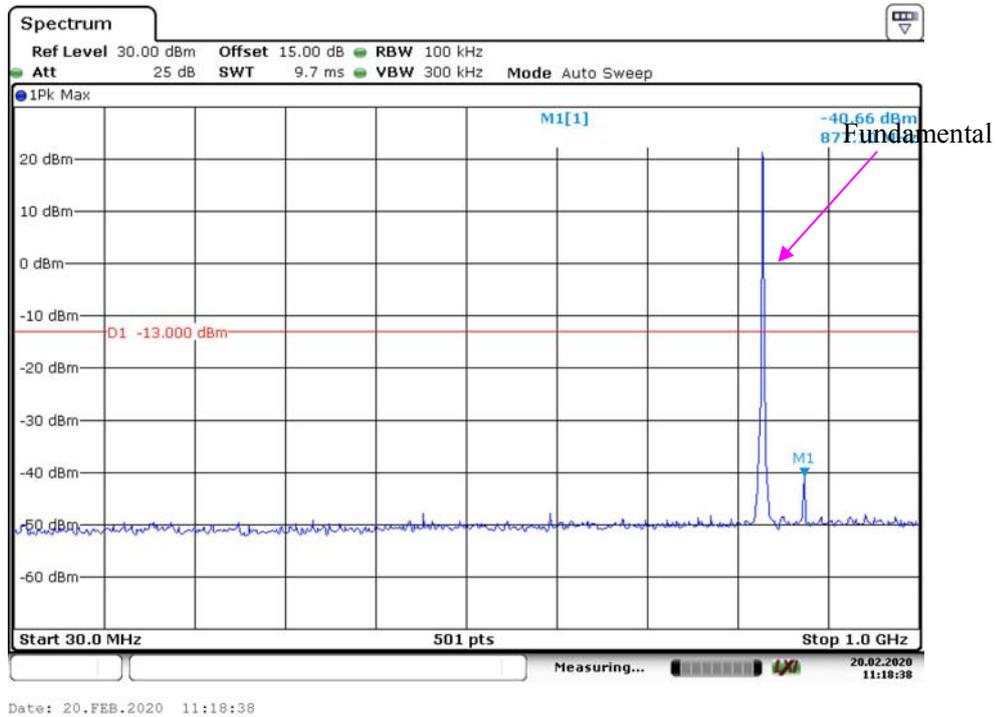
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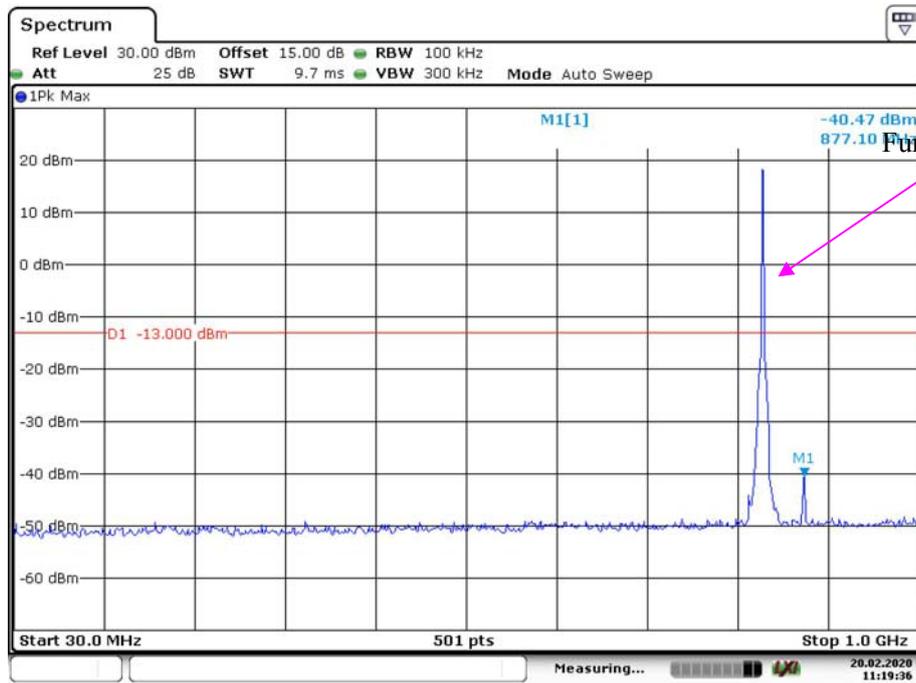
Date: 20.FEB.2020 11:15:25

LTE Band 26 (Middle Channel)

QPSK\_1.4 MHz

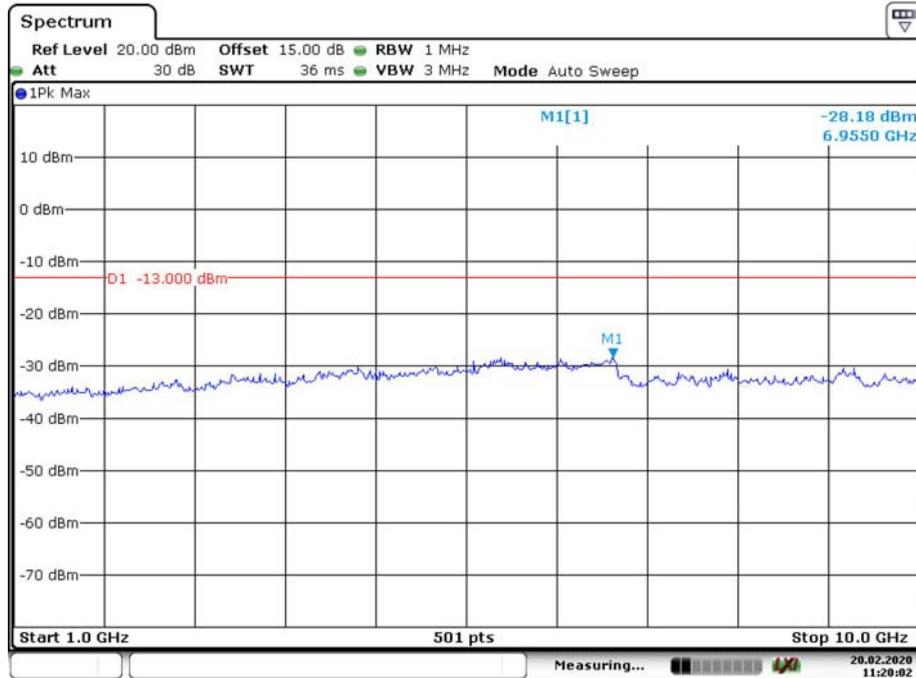


### QPSK\_3 MHz



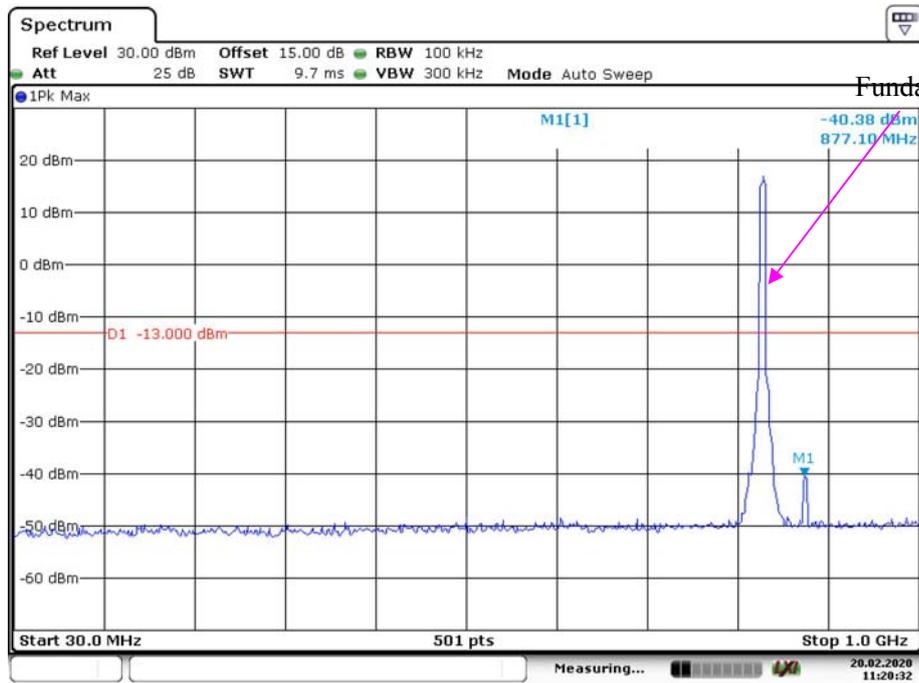
Fundamental

Date: 20.FEB.2020 11:19:37



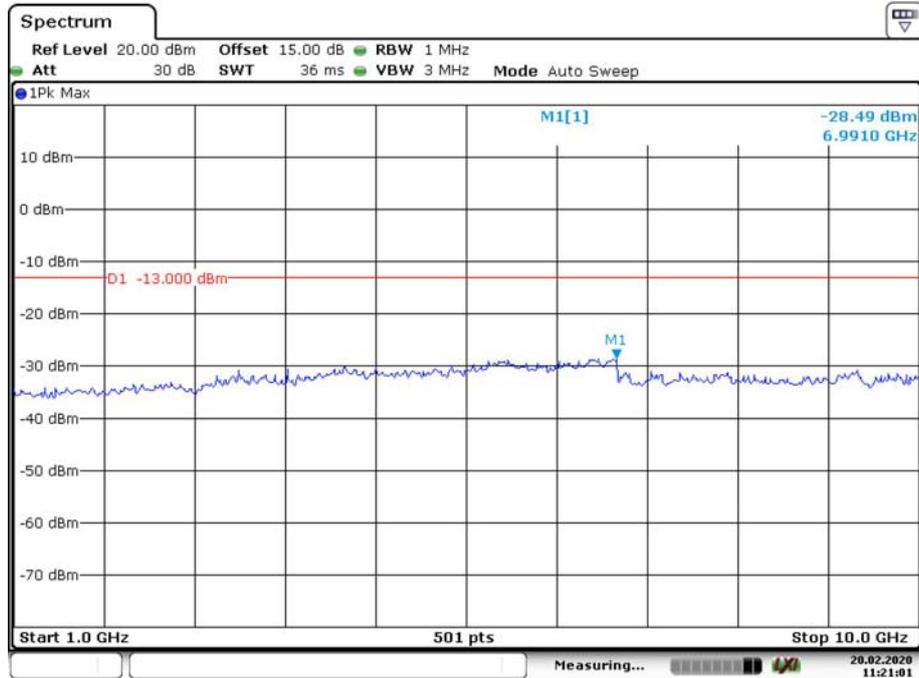
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### QPSK\_5 MHz



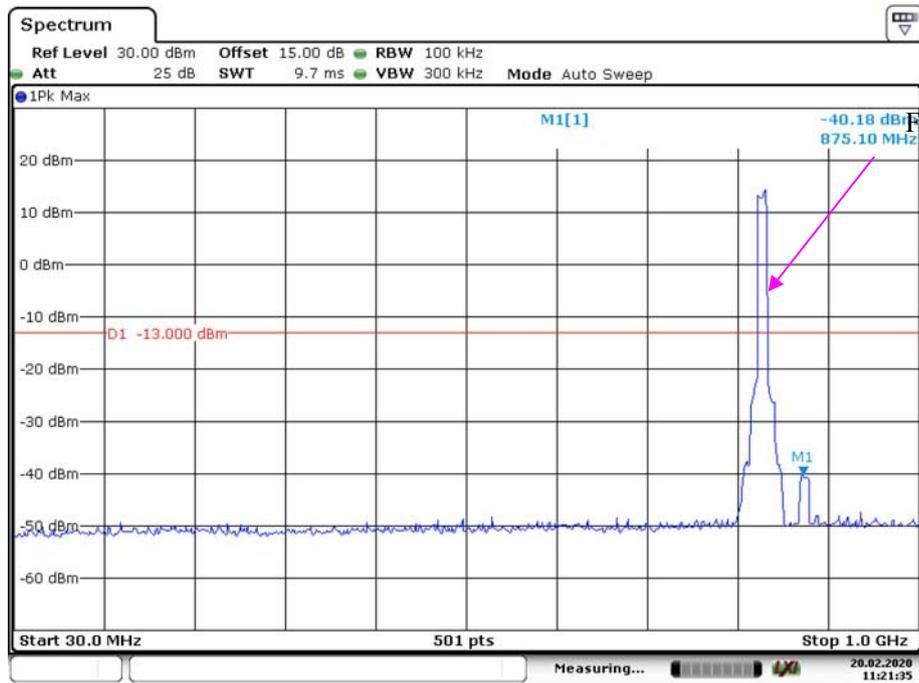
Fundamental

Date: 20.FEB.2020 11:20:33



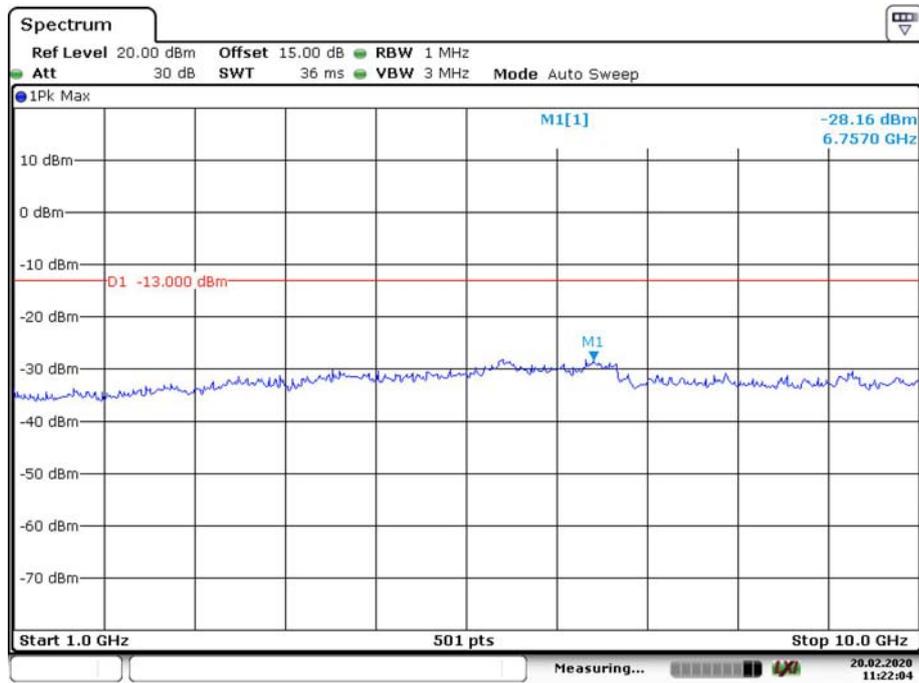
Date: 20.FEB.2020 11:21:01

### QPSK\_10 MHz



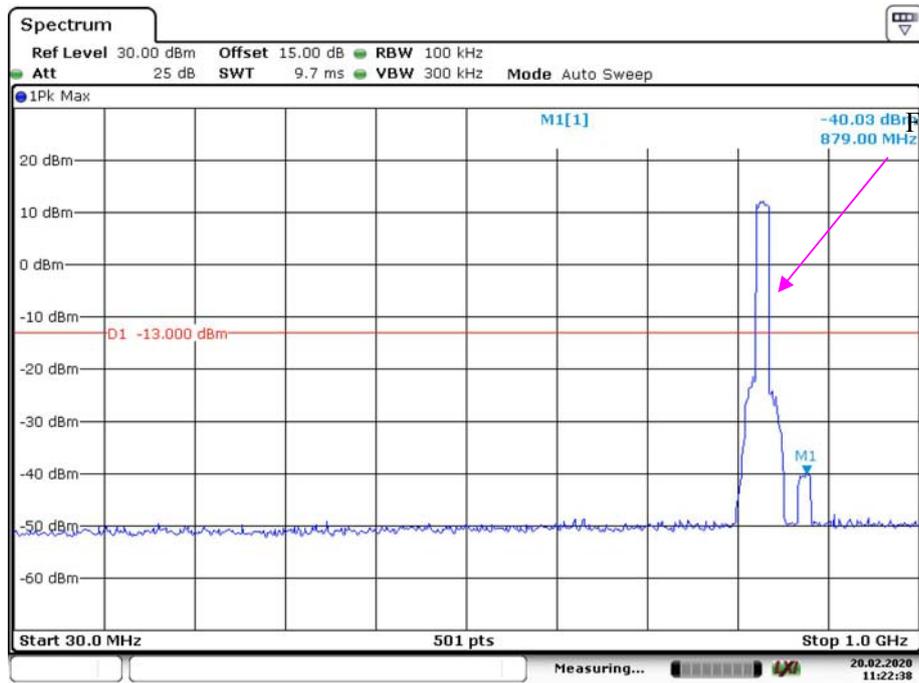
Fundamental

Date: 20.FEB.2020 11:21:36



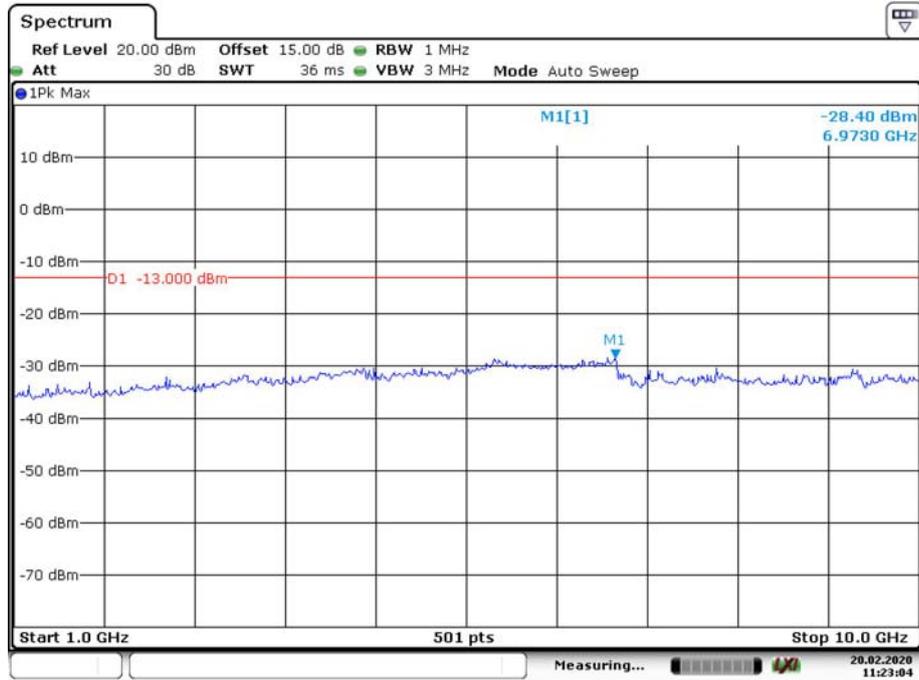
Date: 20.FEB.2020 11:22:05

### QPSK\_15 MHz



Fundamental

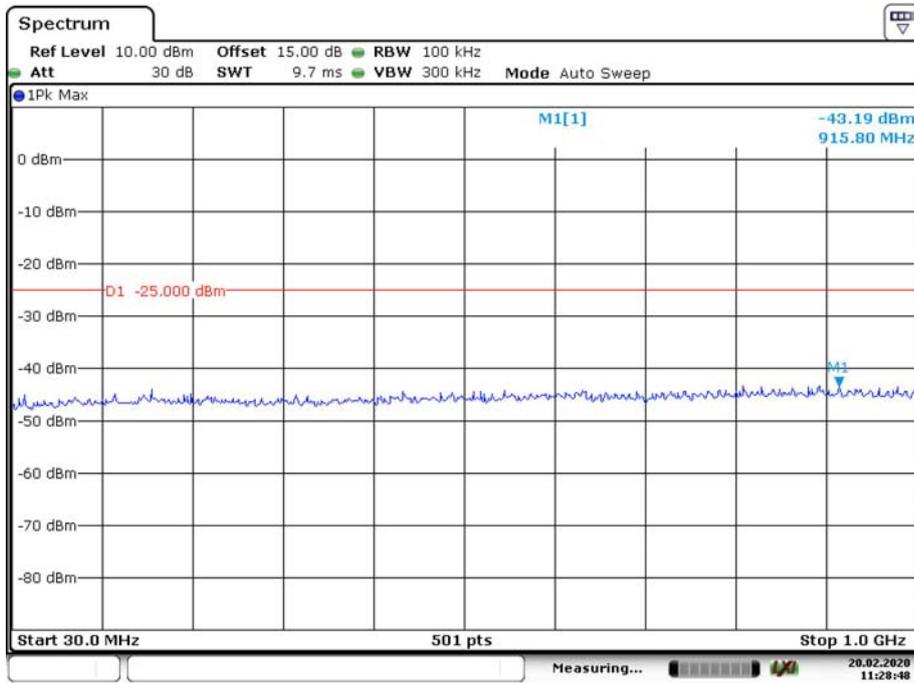
Date: 20.FEB.2020 11:22:39



Date: 20.FEB.2020 11:23:04

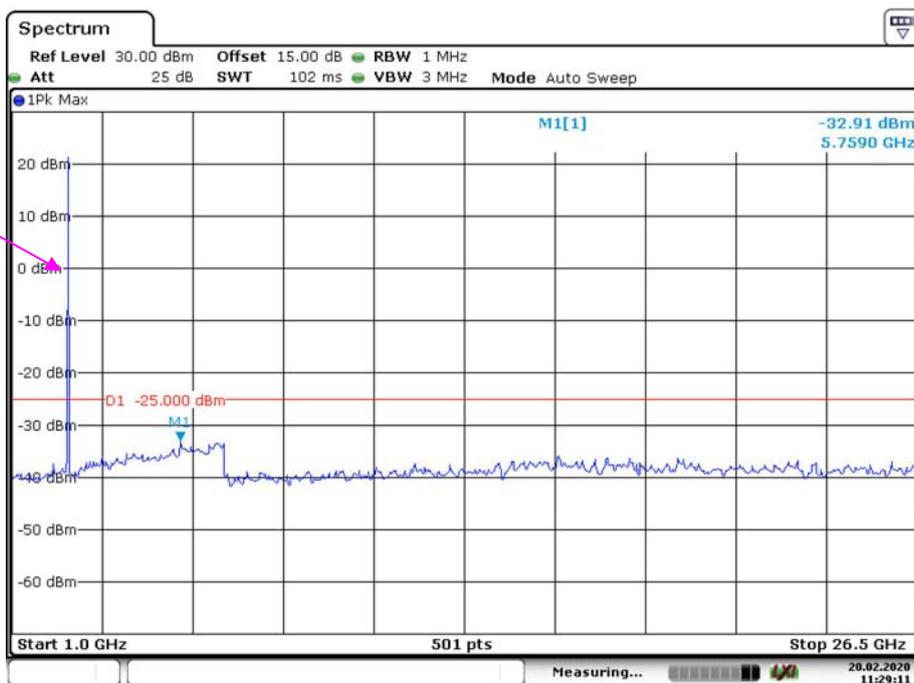
### LTE Band 38 (Middle Channel)

### QPSK\_5 MHz



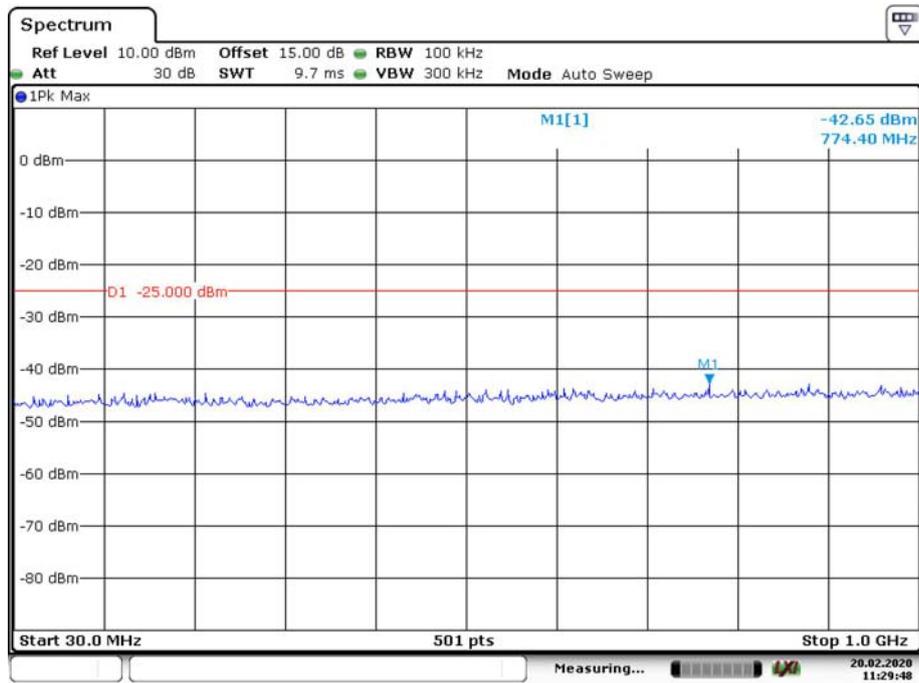
Date: 20.FEB.2020 11:28:49

Fundamental

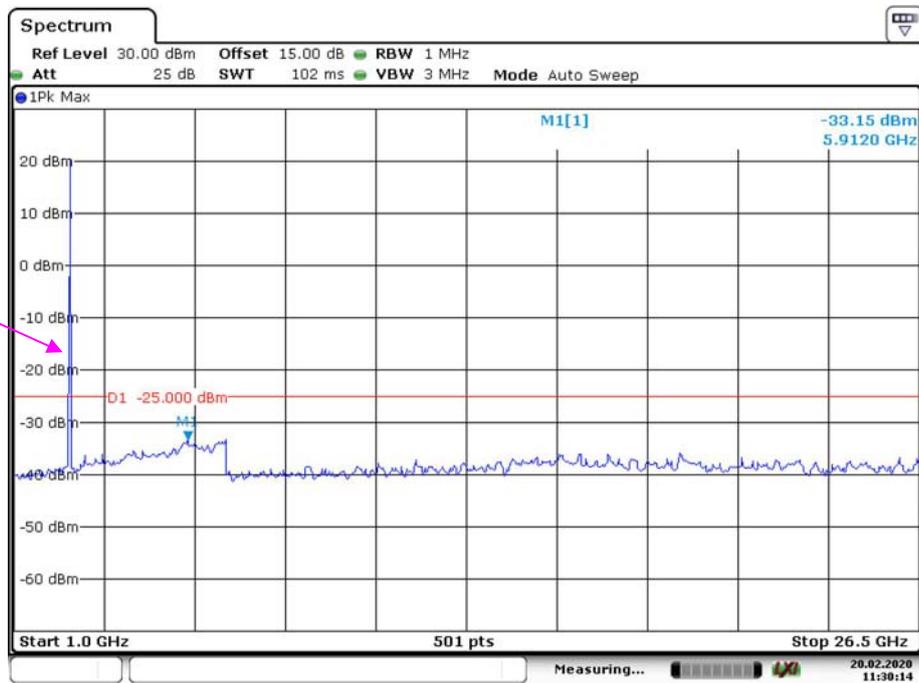


Date: 20.FEB.2020 11:29:11

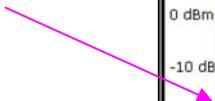
### QPSK\_10 MHz



Date: 20.FEB.2020 11:29:49

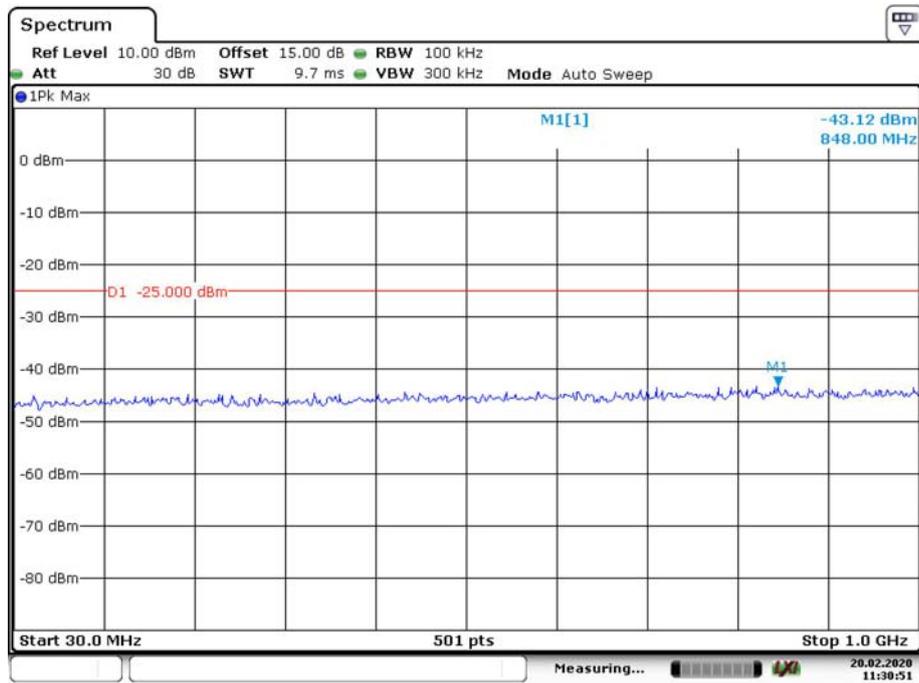


Fundamental



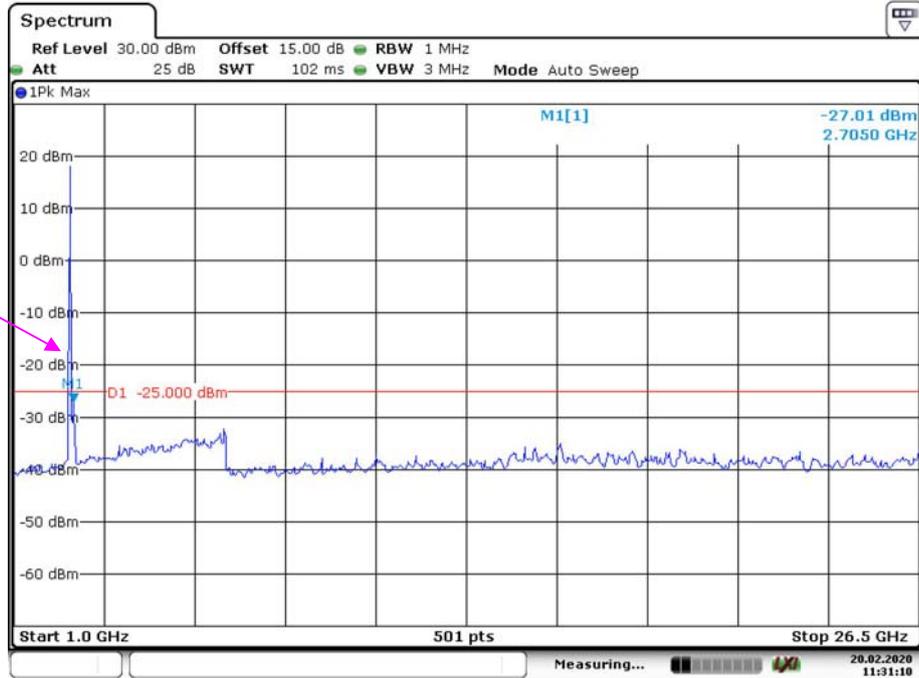
Date: 20.FEB.2020 11:30:14

### QPSK\_15 MHz



Date: 20.FEB.2020 11:30:51

Fundamental



Date: 20.FEB.2020 11:31:10