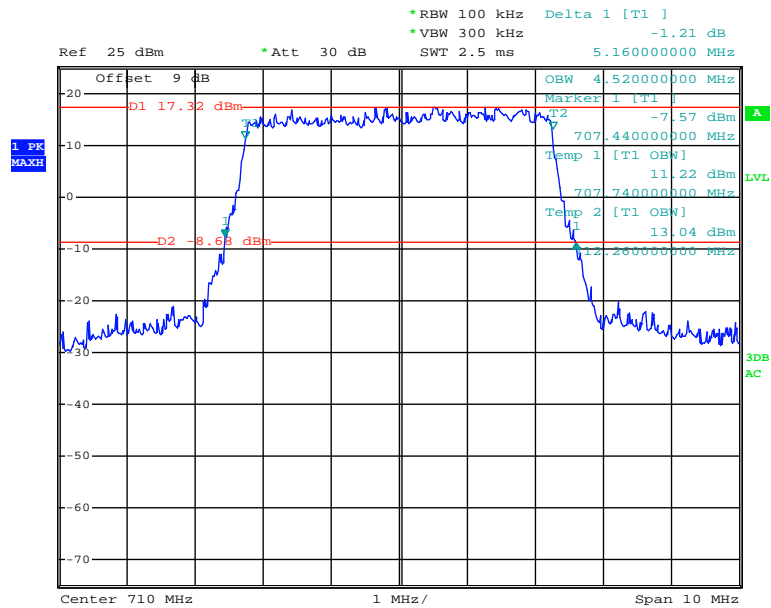


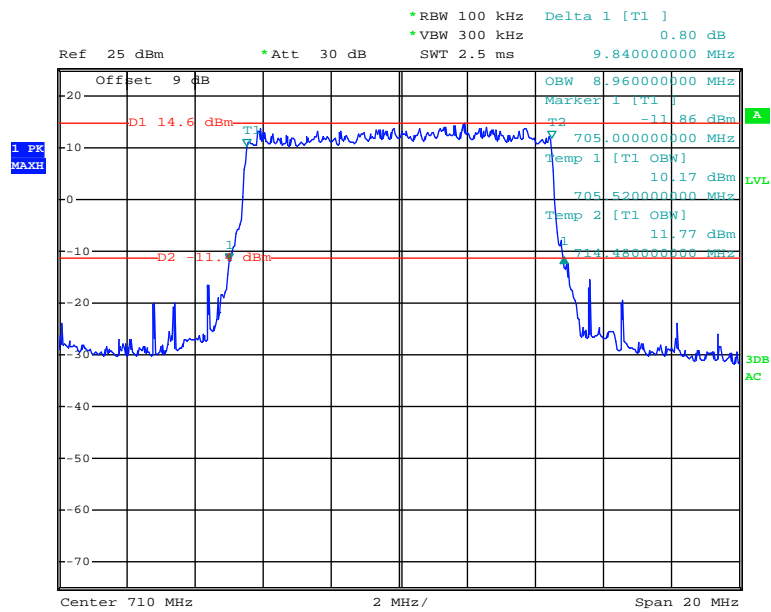
LTE Band 17

QPSK\_5 MHz



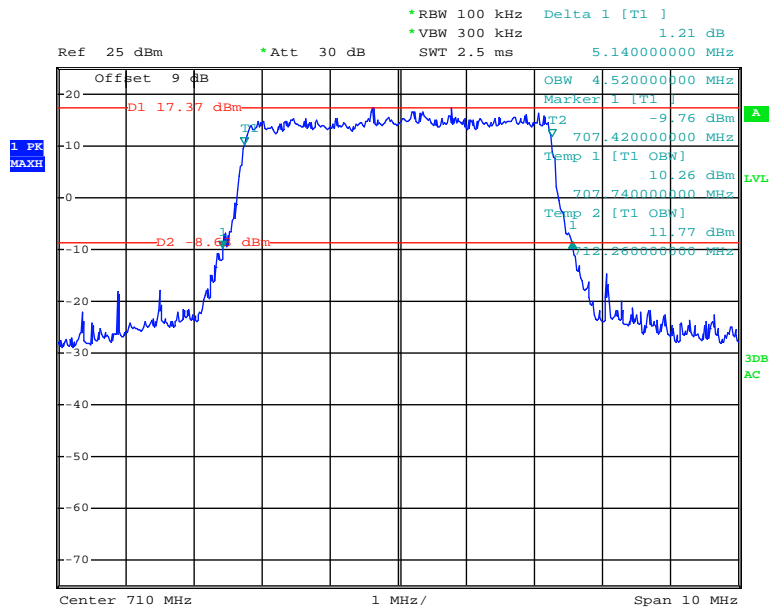
Date: 25.JUL.2020 12:24:15

QPSK\_10 MHz



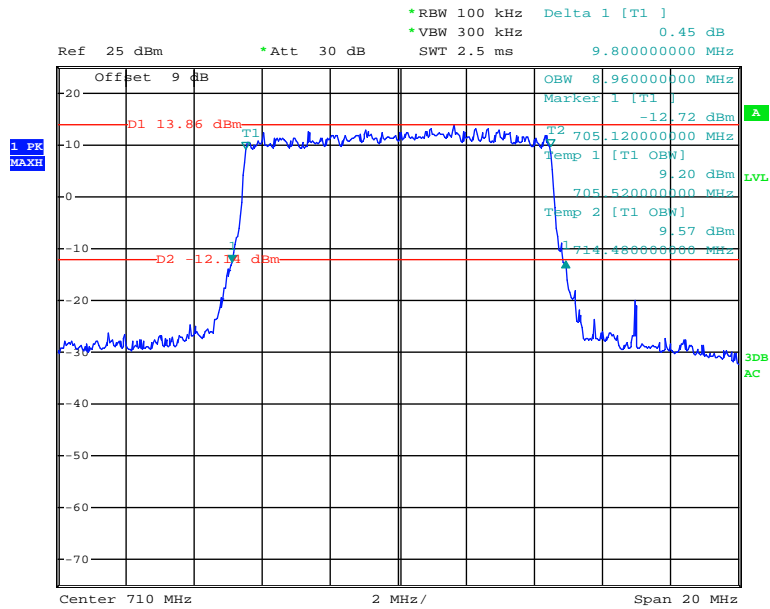
Date: 25.JUL.2020 12:25:03

### 16QAM\_5 MHz



Date: 25.JUL.2020 12:24:37

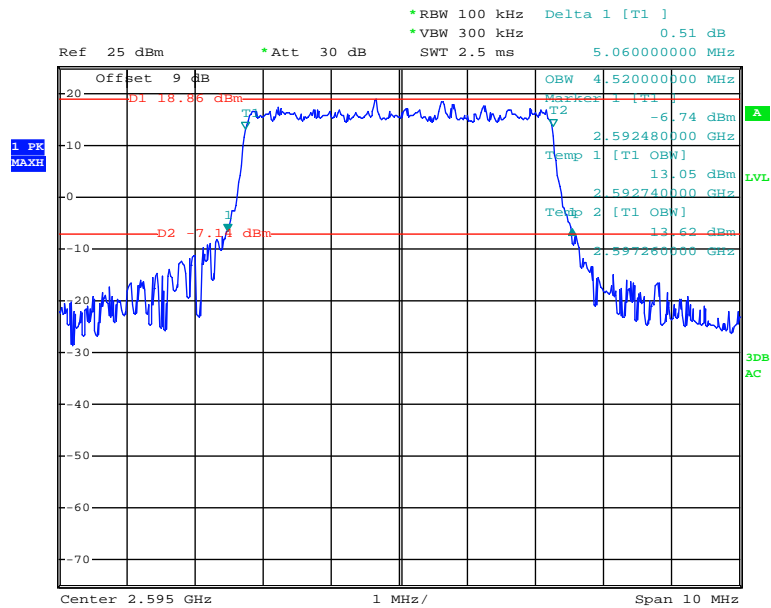
### 16QAM\_10 MHz



Date: 25.JUL.2020 12:25:26

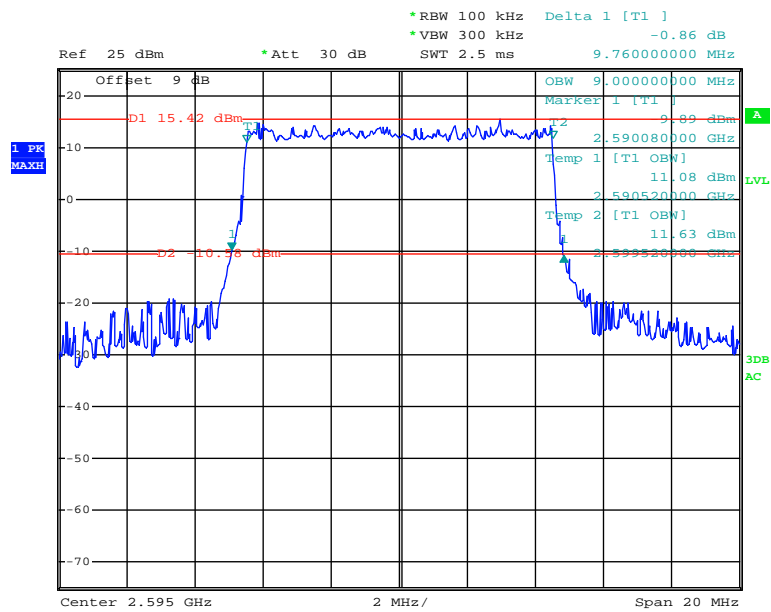
LTE Band 38

QPSK\_5 MHz



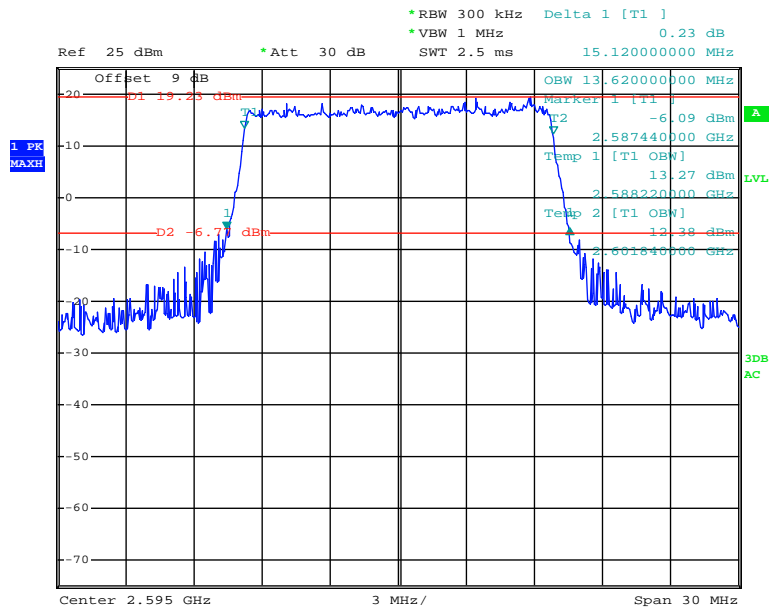
Date: 25.JUL.2020 12:26:20

QPSK\_10 MHz



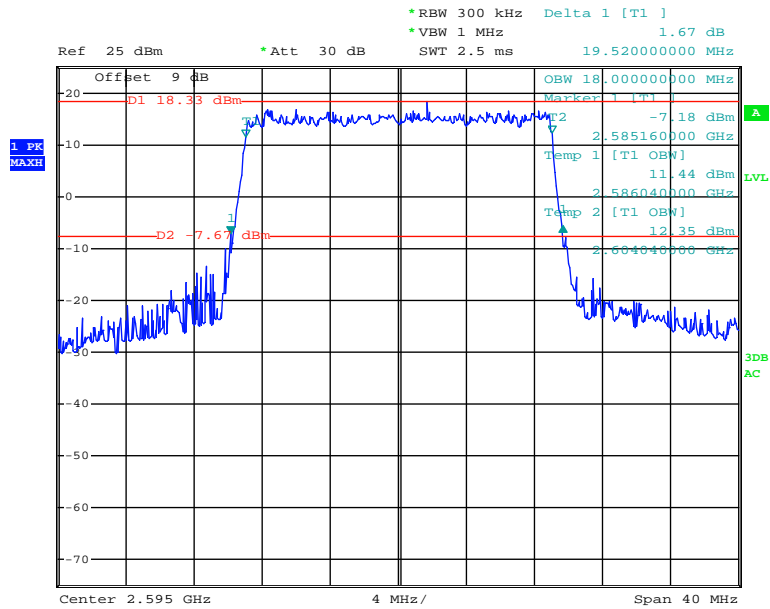
Date: 25.JUL.2020 12:27:20

### QPSK\_15 MHz



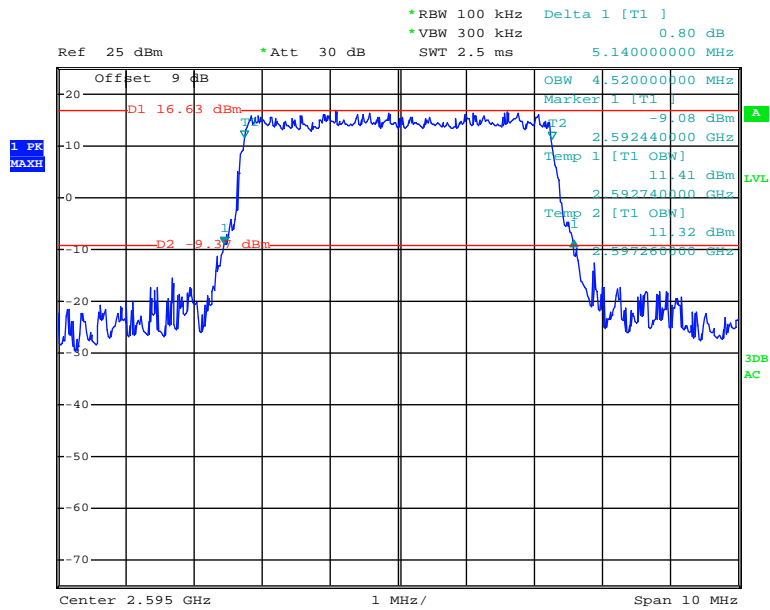
Date: 25.JUL.2020 12:28:27

### QPSK\_20 MHz



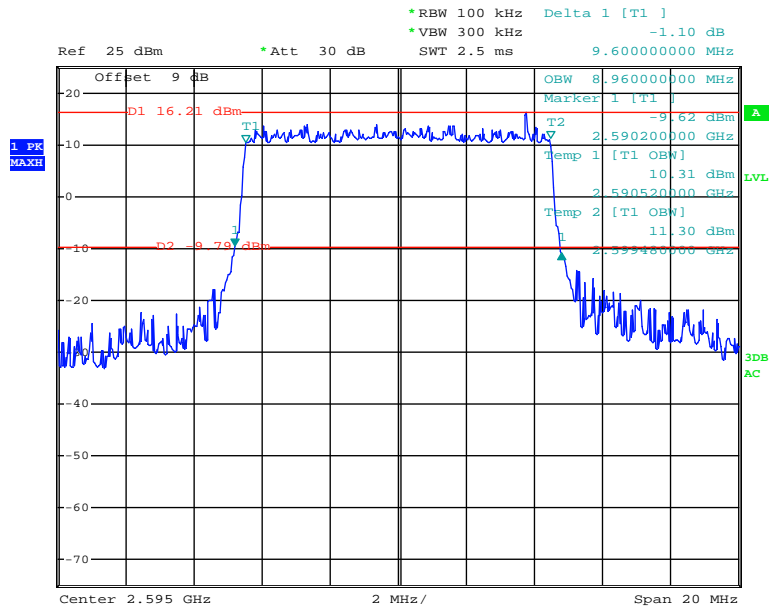
Date: 25.JUL.2020 12:29:26

### 16QAM\_5 MHz



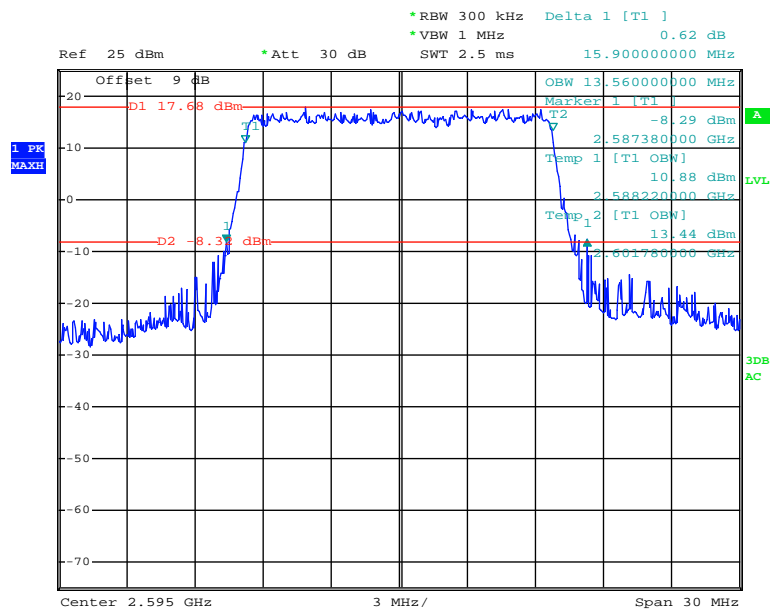
Date: 25.JUL.2020 12:26:45

### 16QAM\_10 MHz



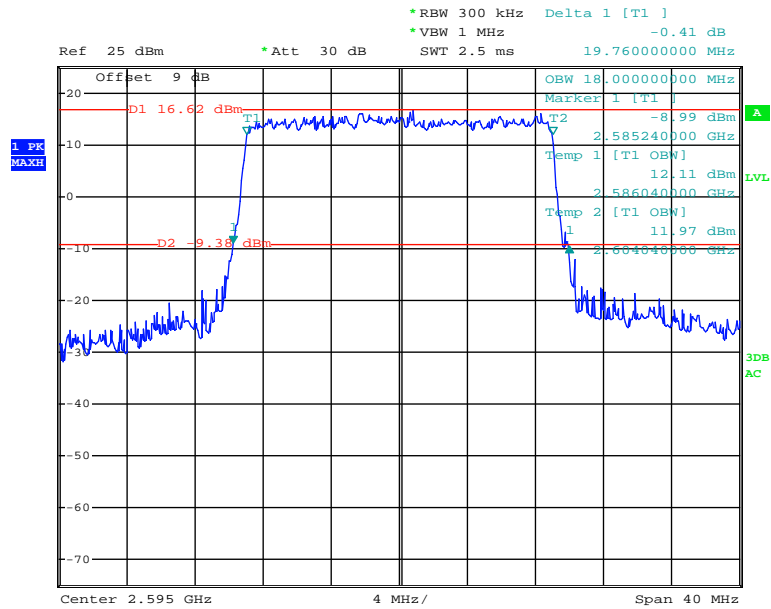
Date: 25.JUL.2020 12:27:47

### 16QAM\_15 MHz



Date: 25.JUL.2020 12:28:58

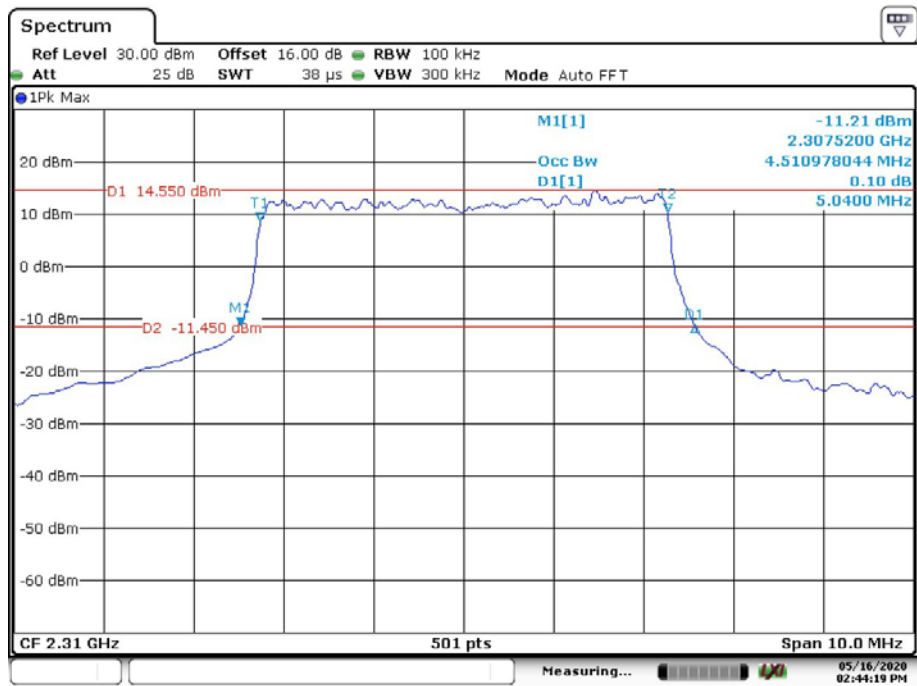
### 16QAM\_20 MHz



Date: 25.JUL.2020 12:29:55

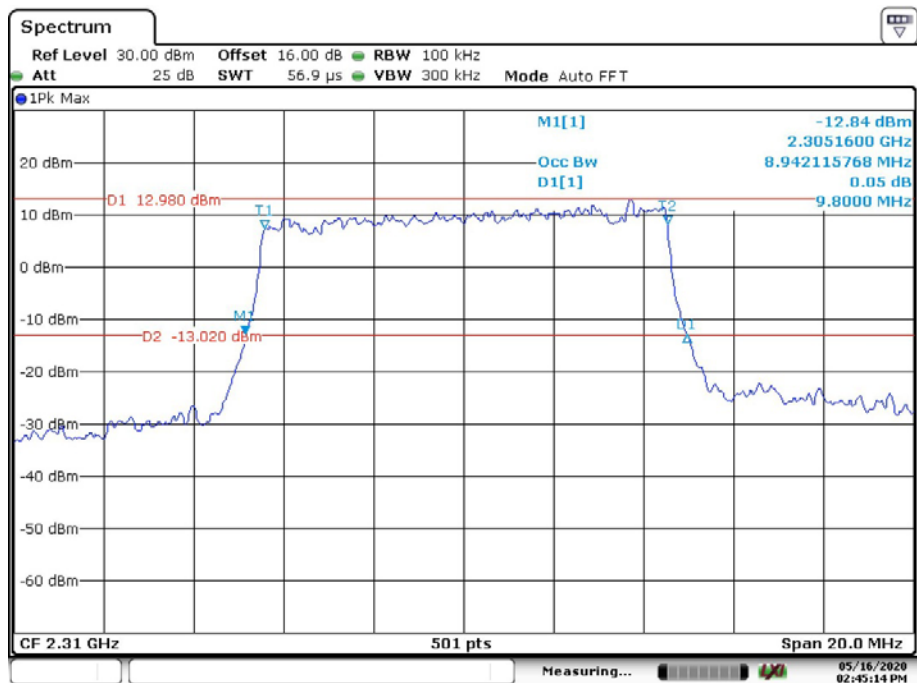
**LTE Band 40 Lower:**

**QPSK\_5 MHz**



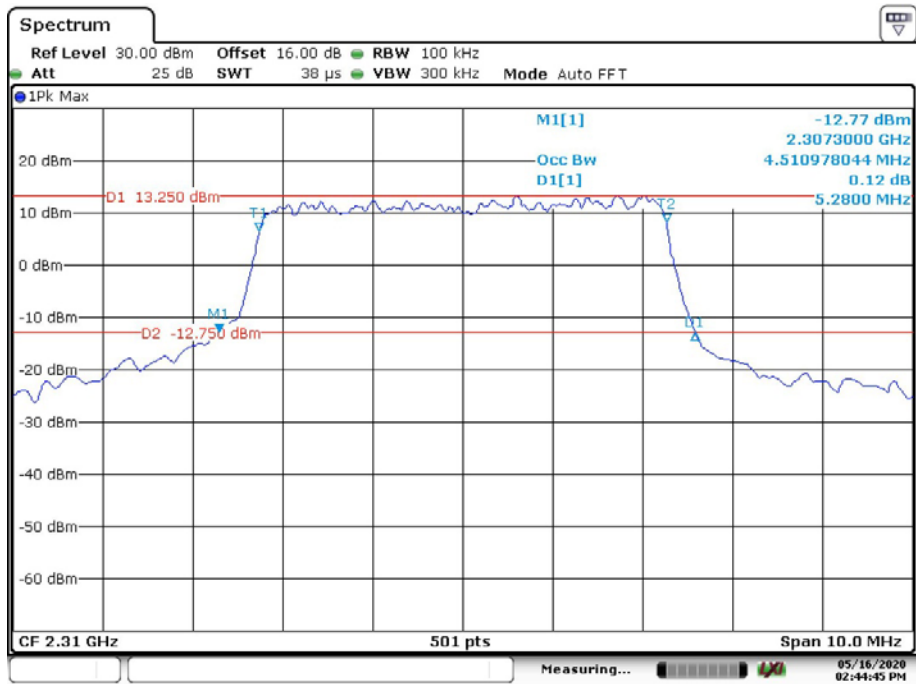
Date: 16.MAY.2020 14:44:18

**QPSK\_10 MHz**

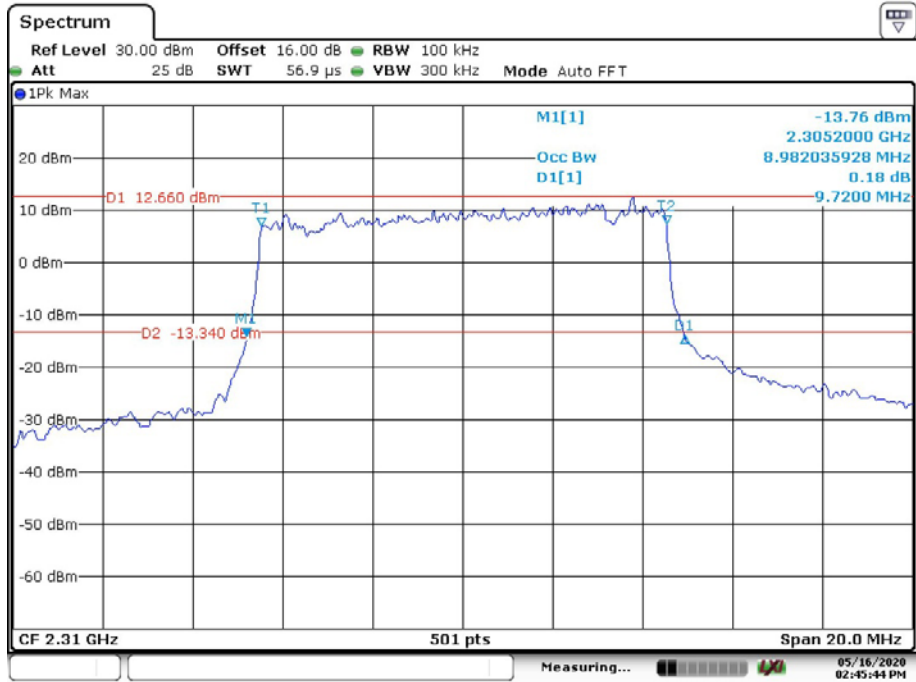


Date: 16.MAY.2020 14:45:14

### 16QAM\_5 MHz



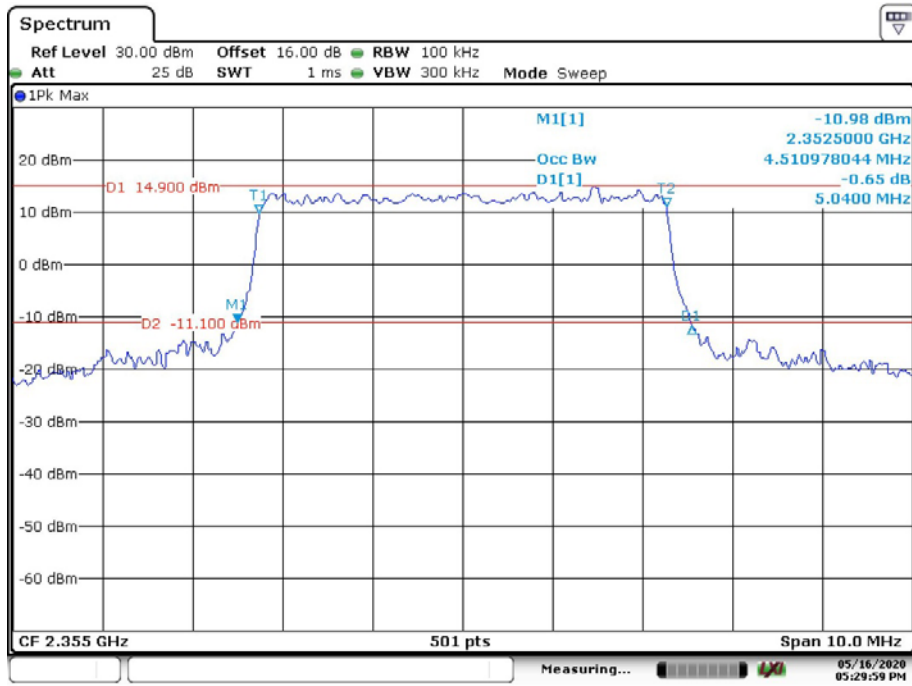
### 16QAM\_10 MHz





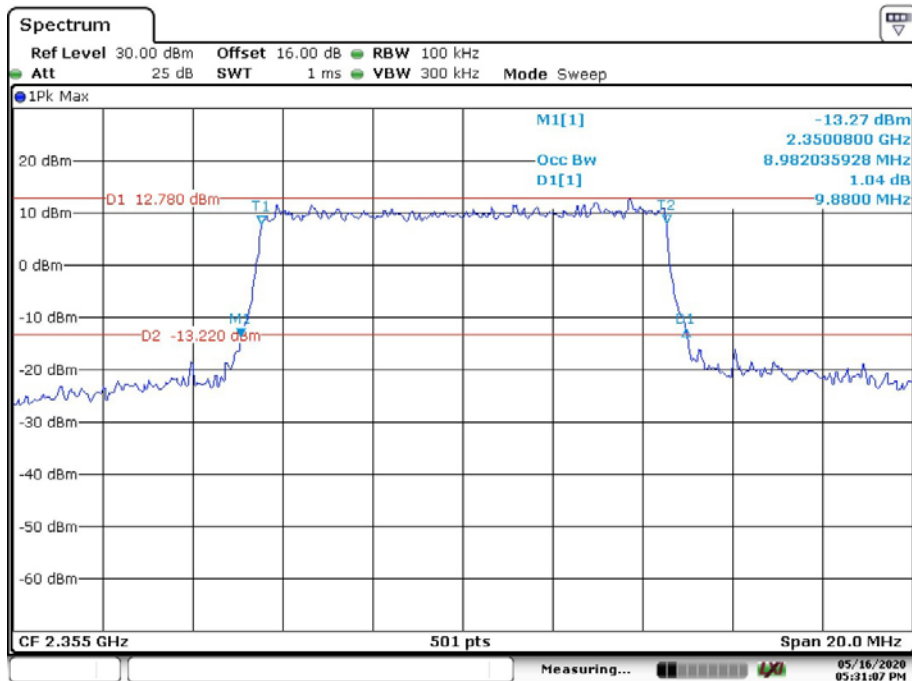
**LTE Band 40 Upper:**

**QPSK\_5 MHz**



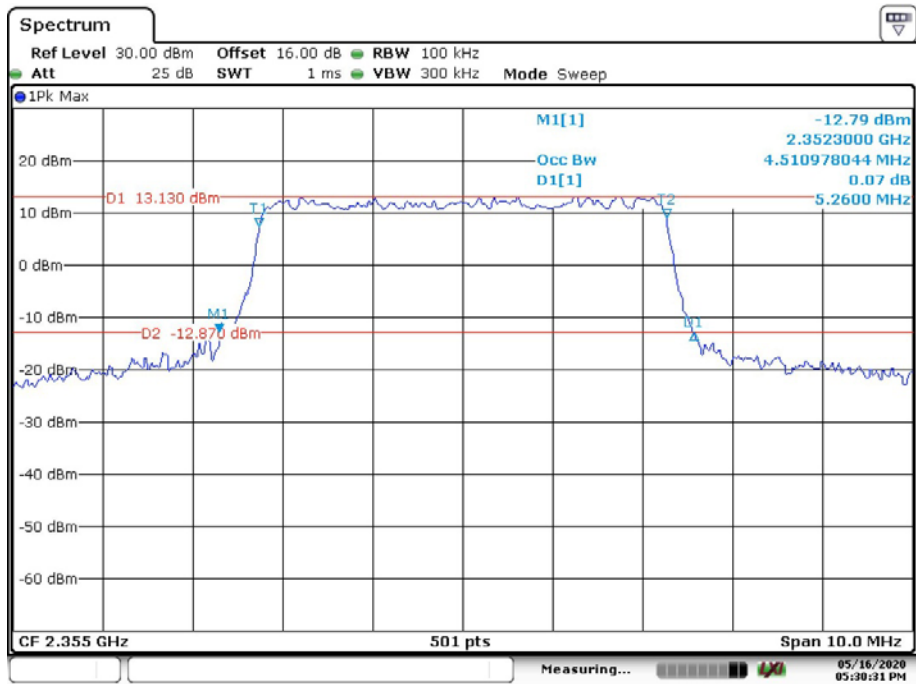
Date: 16.MAY.2020 17:30:00

**QPSK\_10 MHz**



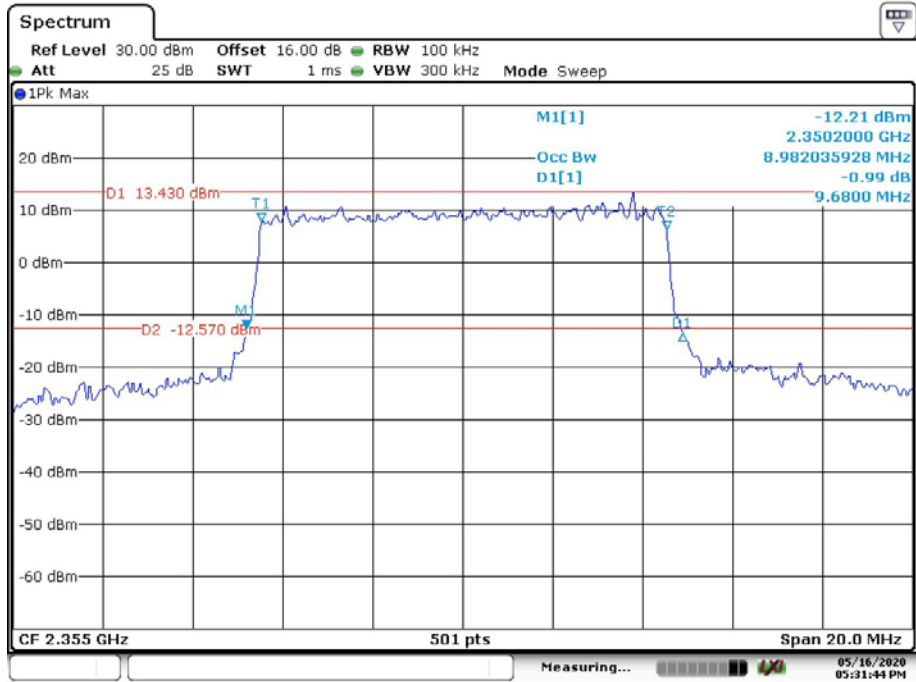
Date: 16.MAY.2020 17:31:08

### 16QAM\_5 MHz



Date: 16.MAY.2020 17:30:32

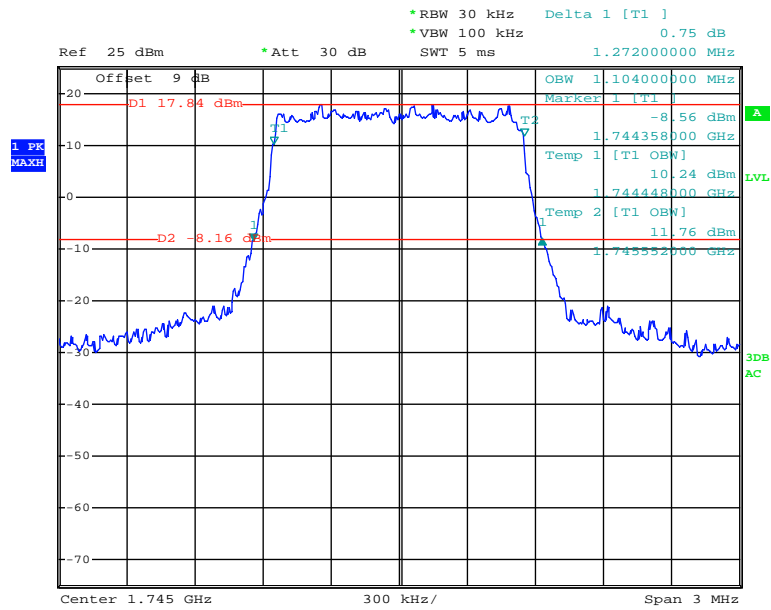
### 16QAM\_10 MHz



Date: 16.MAY.2020 17:31:44

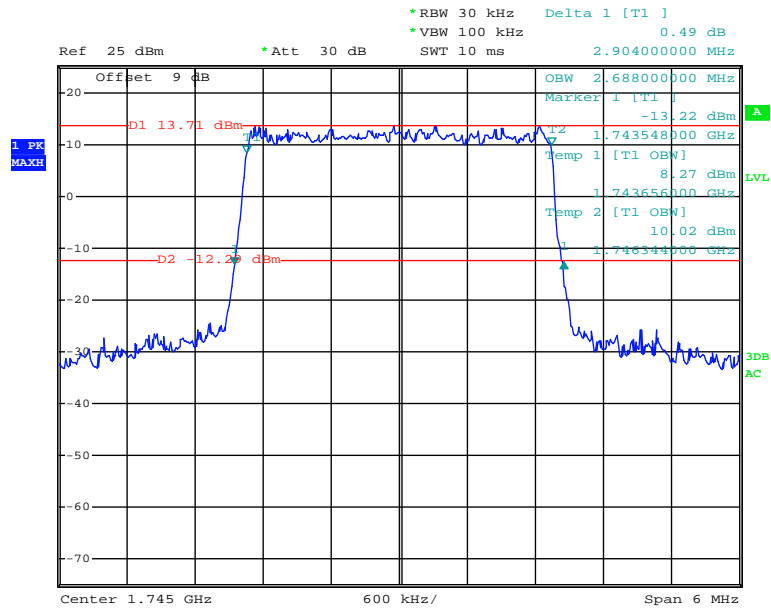
LTE Band 66

QPSK\_1.4 MHz



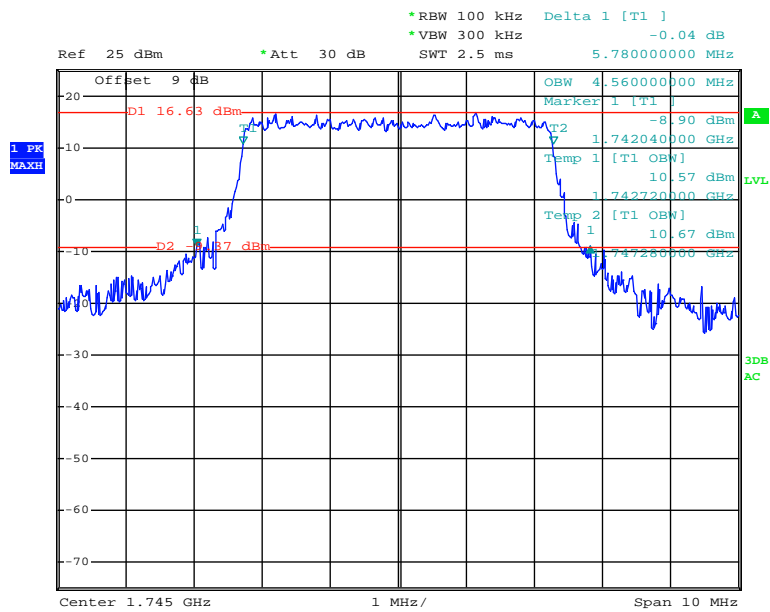
Date: 25.JUL.2020 12:30:30

QPSK\_3 MHz



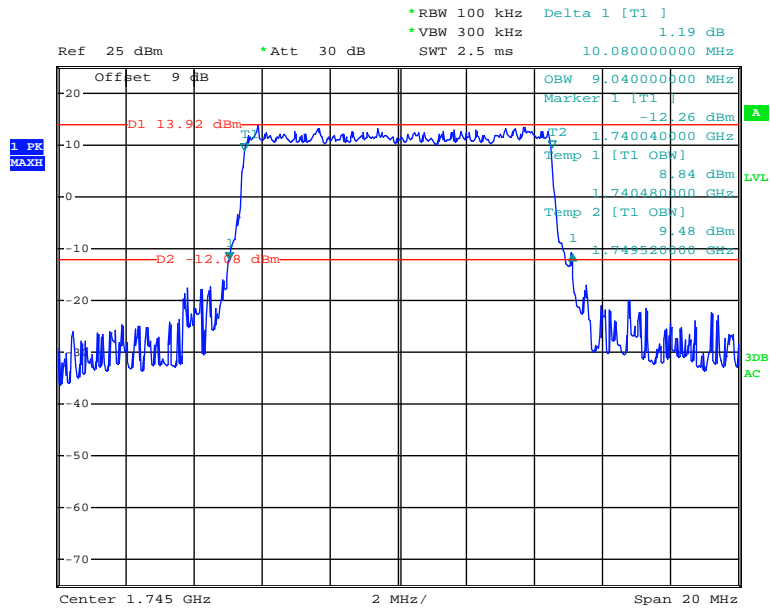
Date: 25.JUL.2020 12:31:13

### QPSK\_5 MHz



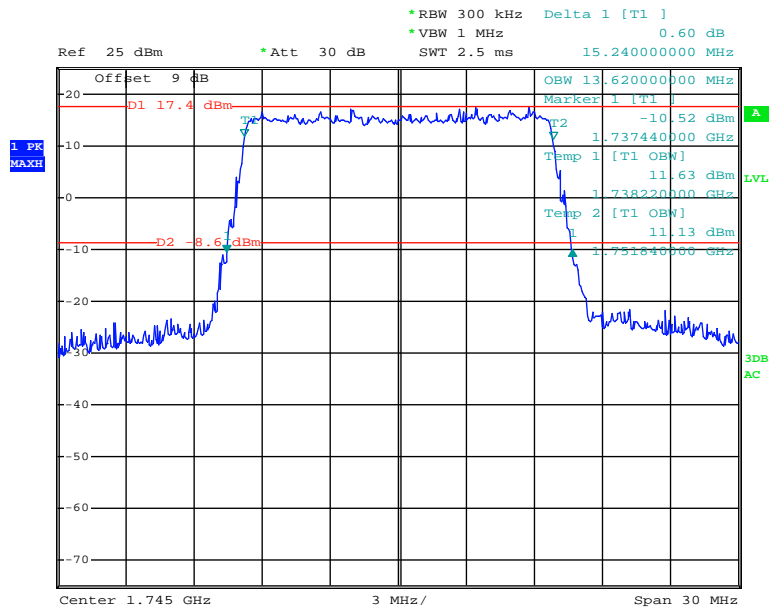
Date: 25.JUL.2020 12:32:06

### QPSK\_10 MHz



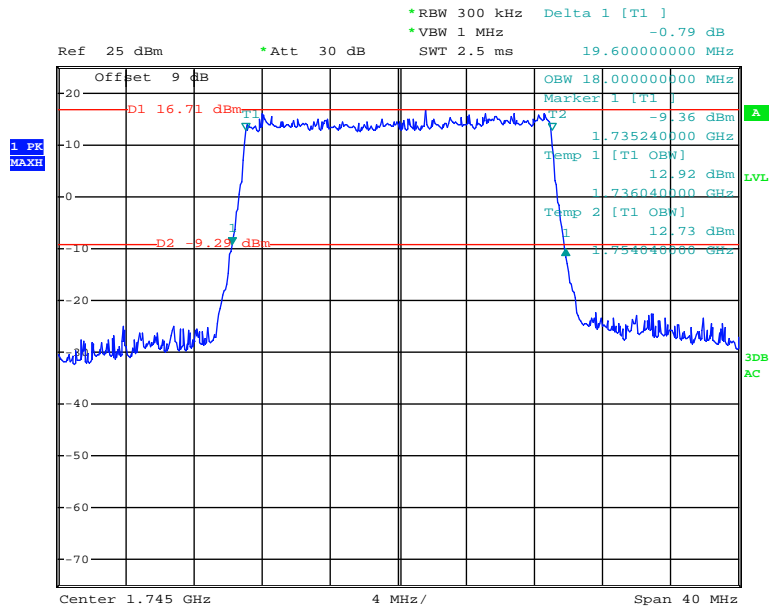
Date: 25.JUL.2020 12:33:10

### QPSK\_15 MHz



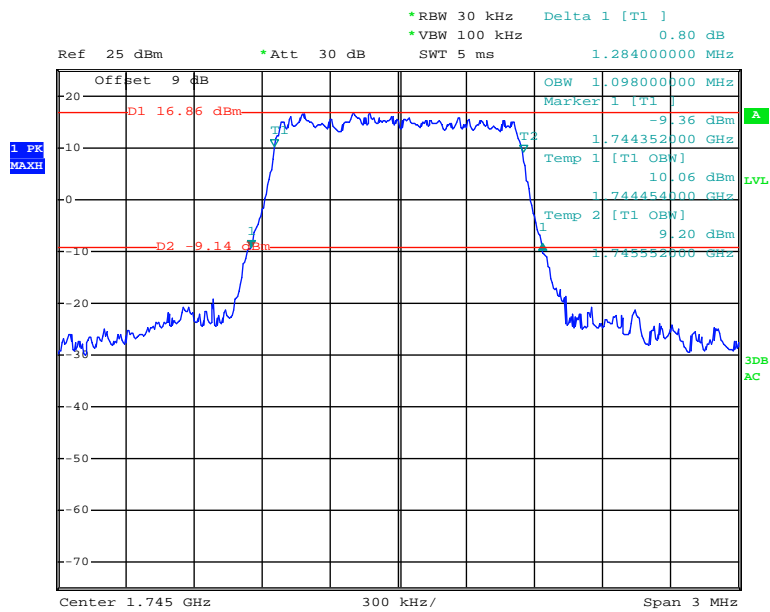
Date: 25.JUL.2020 12:33:58

### QPSK\_20 MHz



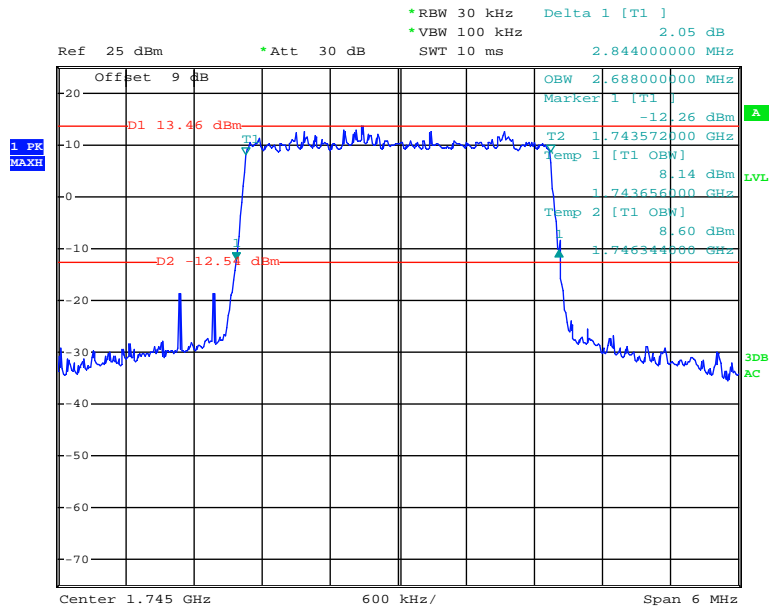
Date: 25.JUL.2020 12:34:52

### 16QAM\_1.4 MHz



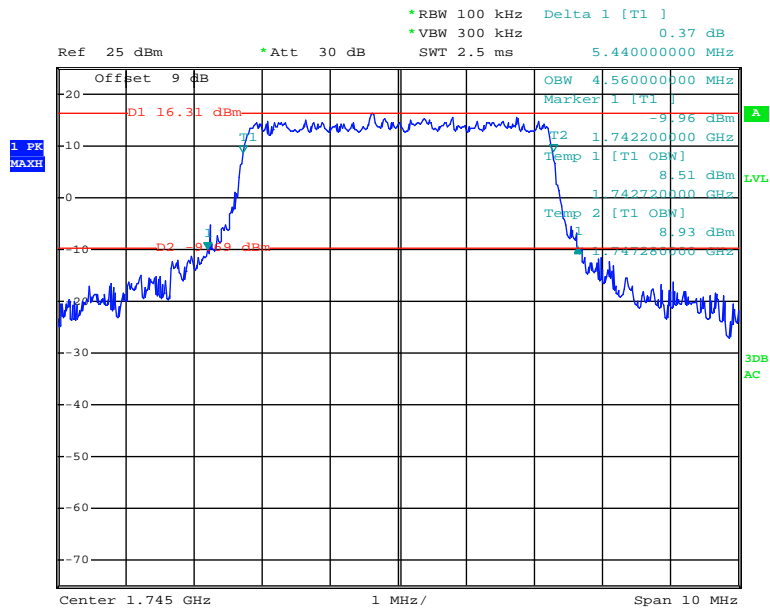
Date: 25.JUL.2020 12:30:52

### 16QAM\_3 MHz



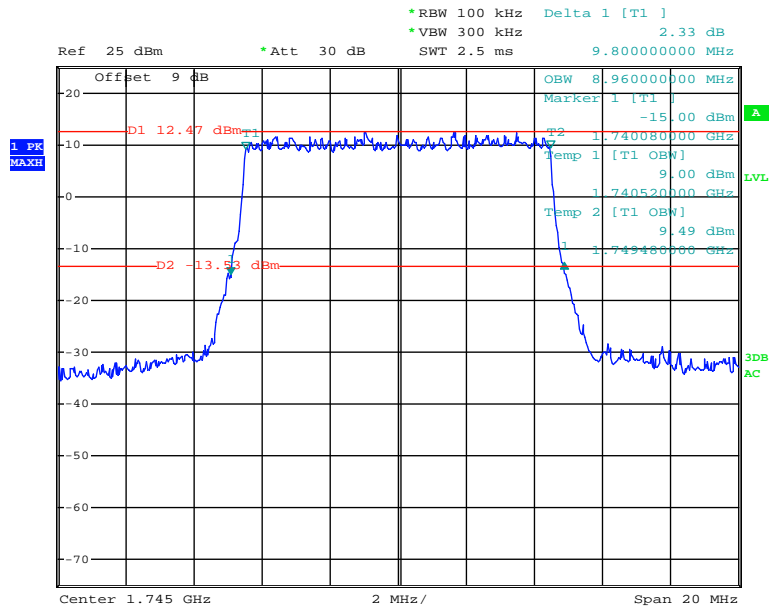
Date: 25.JUL.2020 12:31:32

### 16QAM\_5 MHz



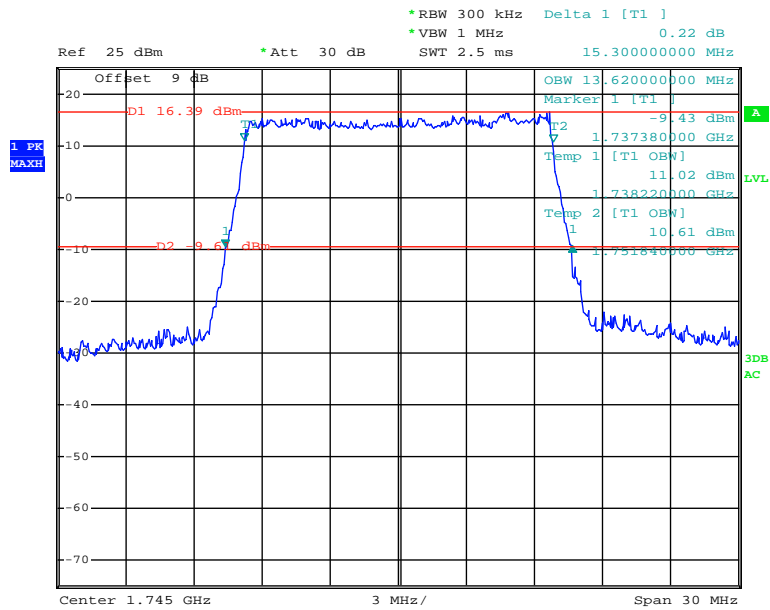
Date: 25.JUL.2020 12:32:41

### 16QAM\_10 MHz



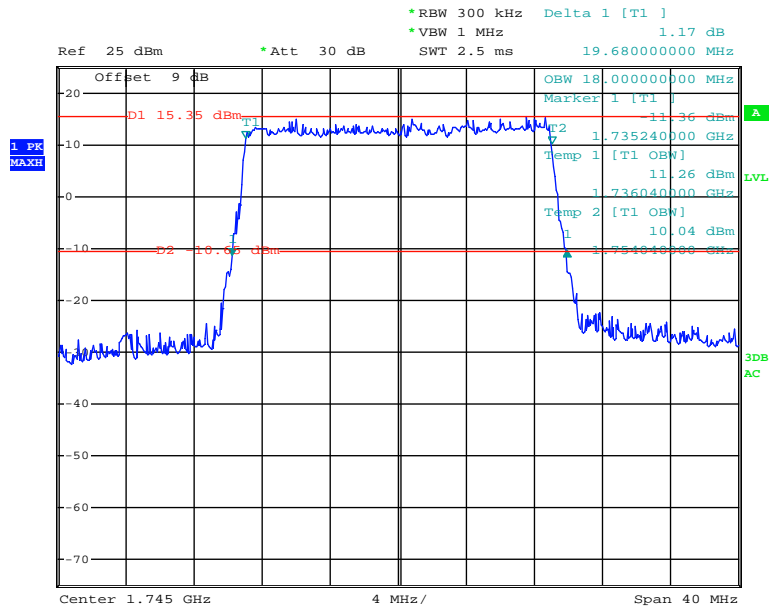
Date: 25.JUL.2020 12:33:30

### 16QAM\_15 MHz



Date: 25.JUL.2020 12:34:23

### 16QAM\_20 MHz



Date: 25.JUL.2020 12:35:14



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

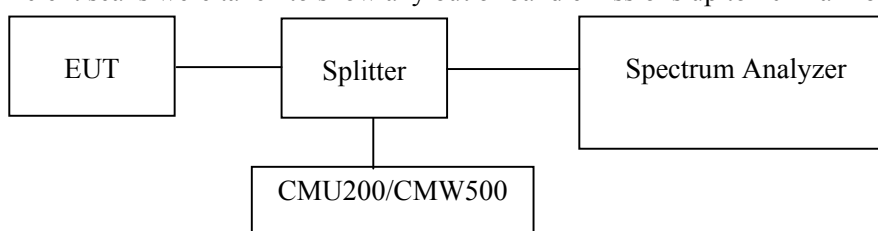
### Applicable Standard

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

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
R&S	Spectrum Analyzer	FSU 26	200256	2020-01-04	2021-01-04
yzjingcheng	Coaxial Cable	KTRFBU-141-50	41005011	Each time	N/A
Unknown	Coaxial Cable	C-SJ00-0010	C0010/01	Each time	N/A
E-Microwave	Coaxial Attenuators	EMCA10-5RN-6	OE01203239	Each time	N/A

\* **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

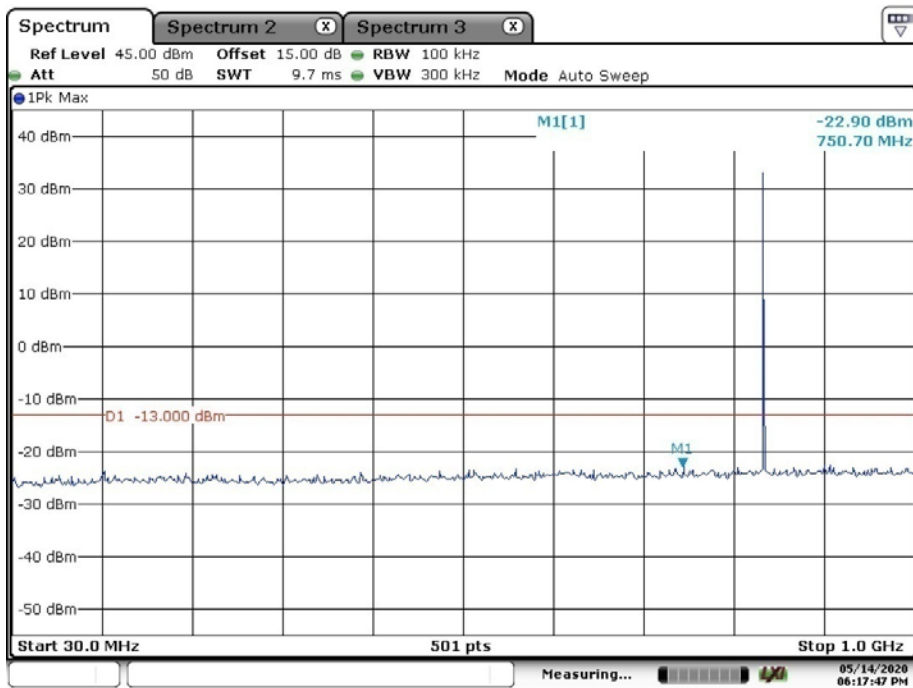
#### Environmental Conditions

<b>Temperature:</b>	26°C~ 27 °C
<b>Relative Humidity:</b>	64%~66 %
<b>ATM Pressure:</b>	100.4kPa ~100.7kPa
<b>Tester:</b>	Rita Huang
<b>Test Date:</b>	2020-05-14~2020-07-28

*Test mode: Transmitting*

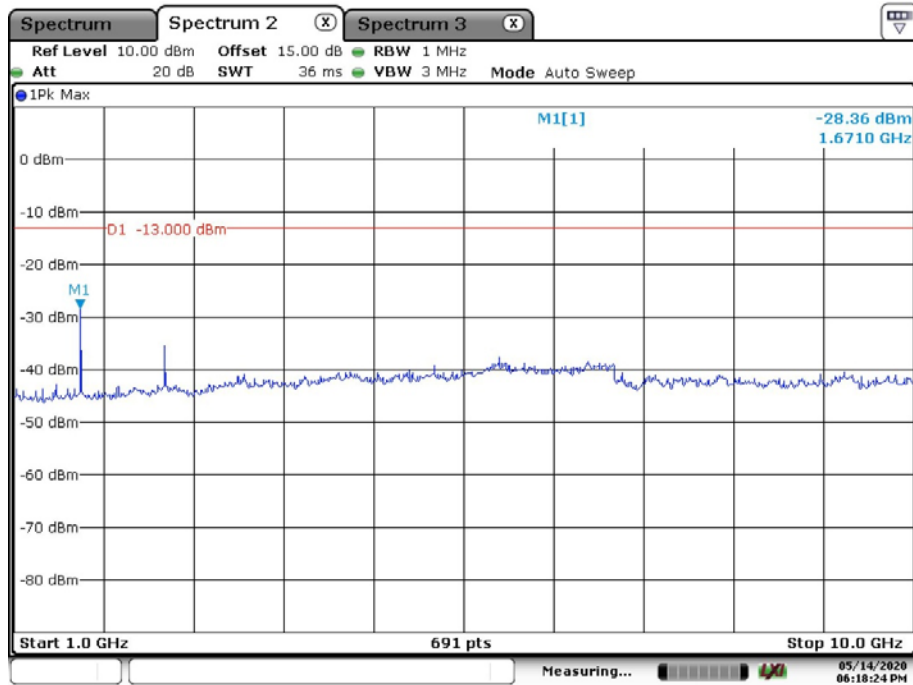
*Test Result: Compliance. Please refer to the following plots.*

### GPRS850 Middle Channel



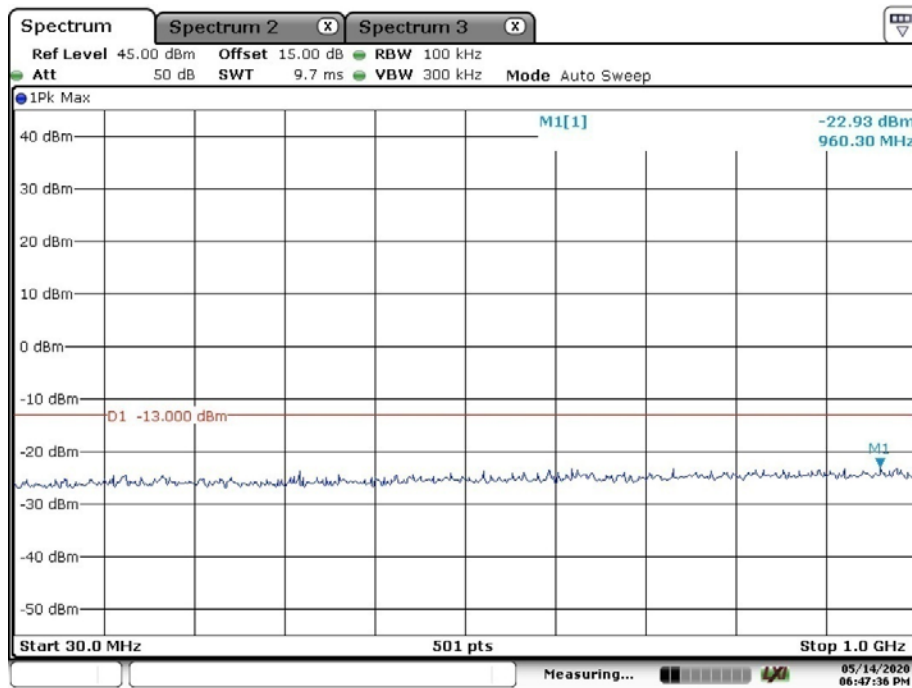
Fundamental

Date: 14.MAY.2020 18:17:47



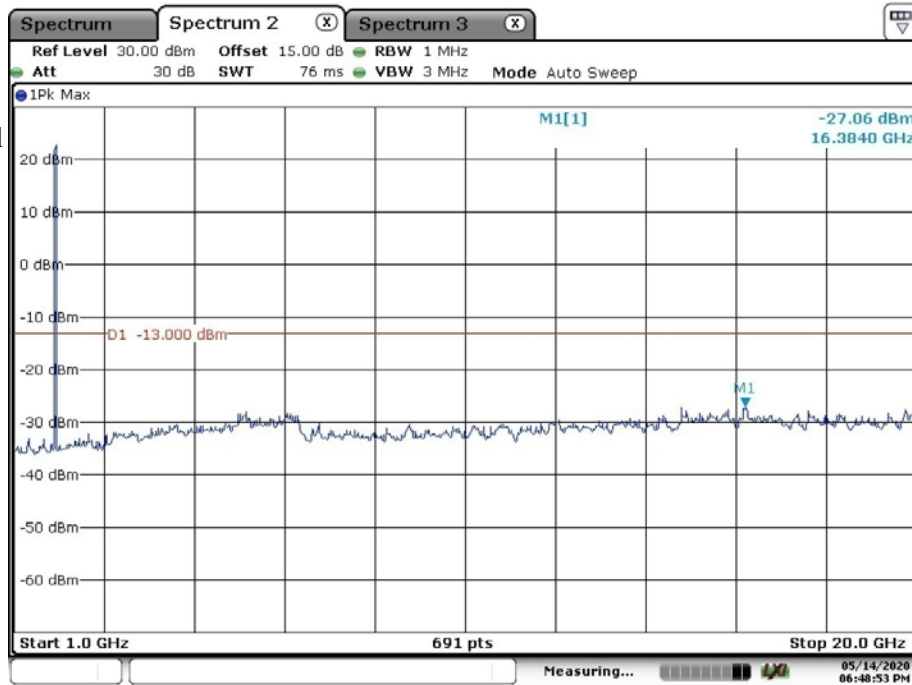
Date: 14.MAY.2020 18:18:24

### GPRS 1900 Middle Channel



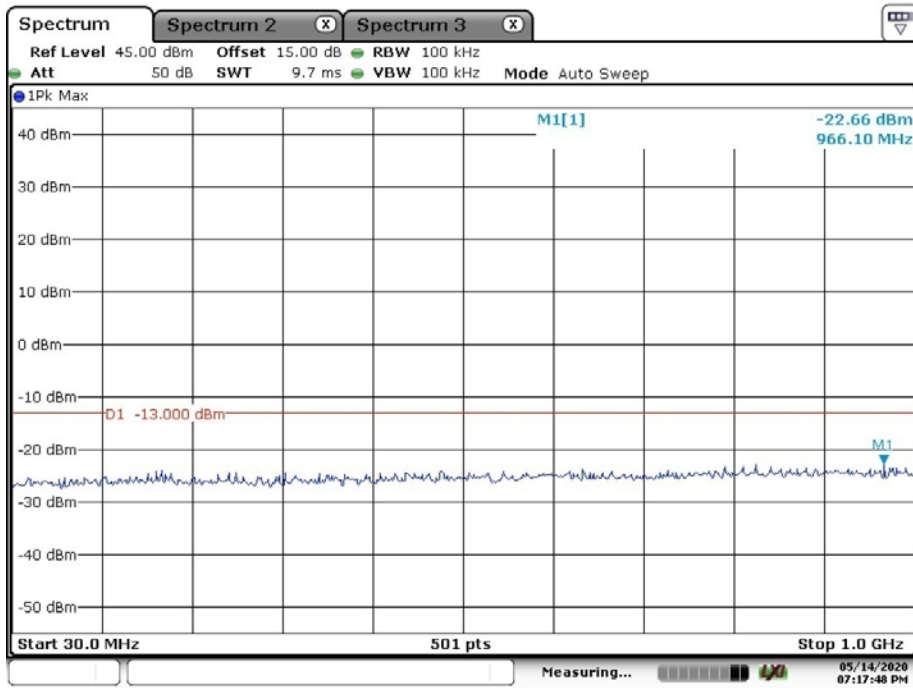
Date: 14.MAY.2020 18:47:36

Fundamental



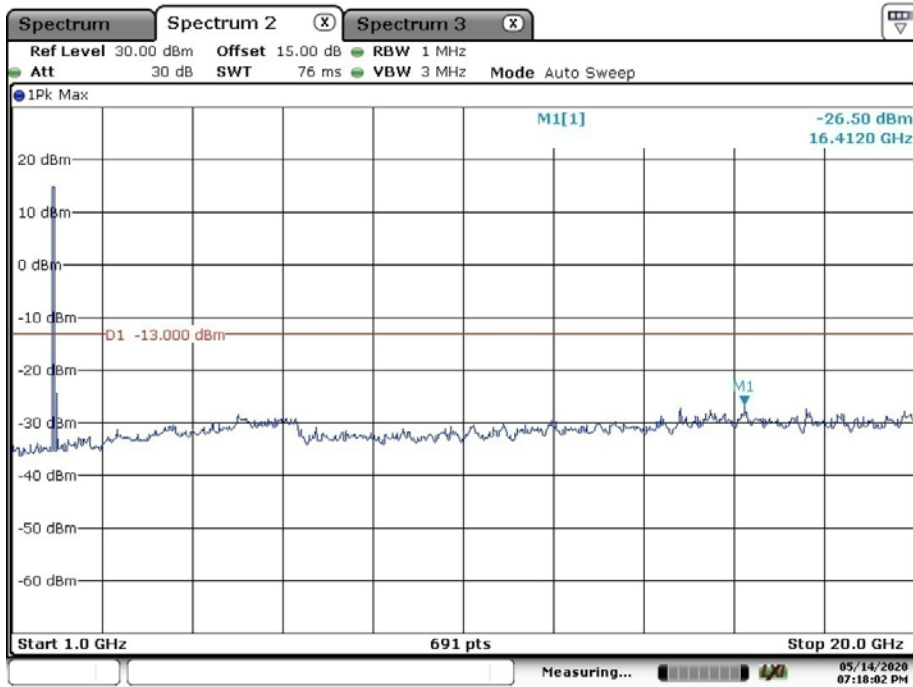
Date: 14.MAY.2020 18:48:54

### WCDMA Band 2 Rel 99 Middle Channel



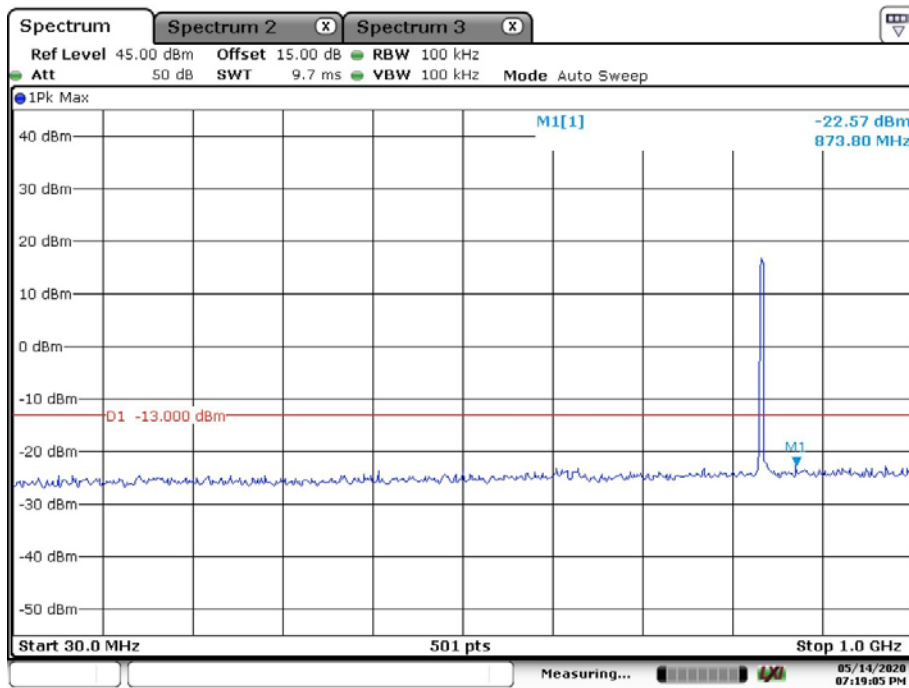
Date: 14.MAY.2020 19:17:48

Fundamental



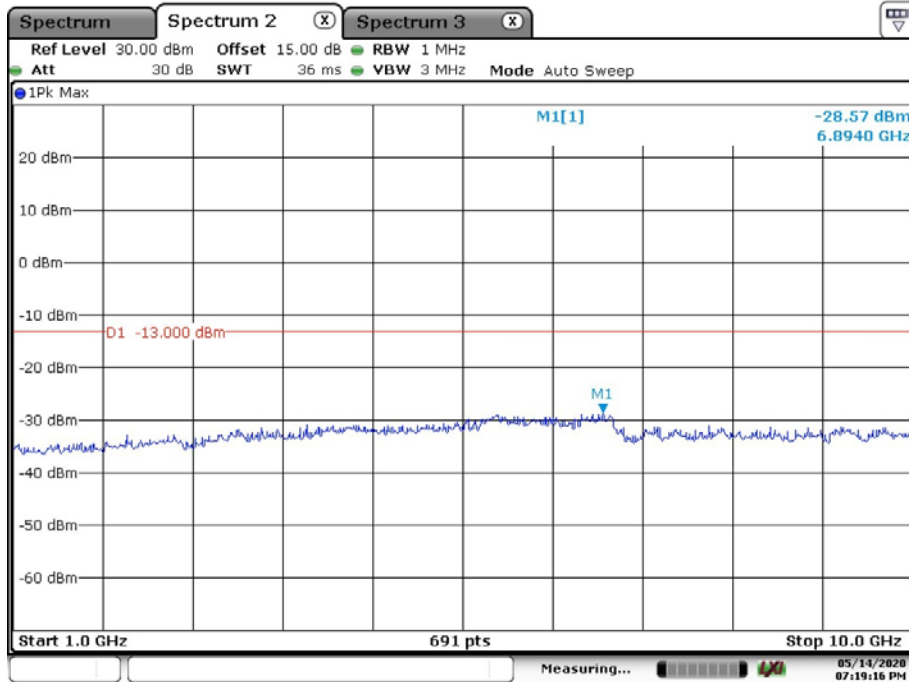
Date: 14.MAY.2020 19:18:02

### WCDMA Band 5 Rel 99 Middle Channel



Fundamental

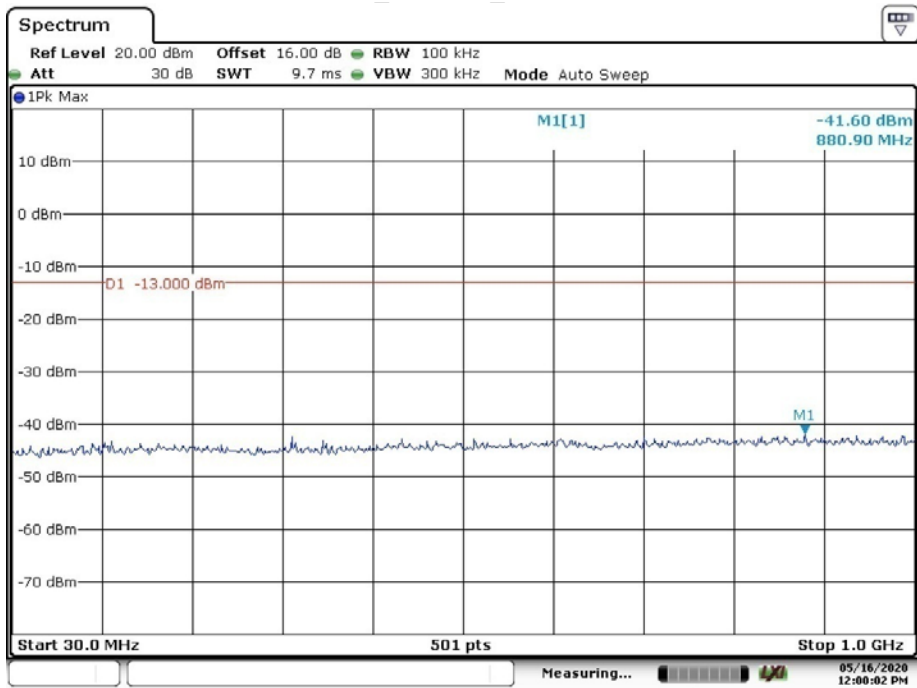
Date: 14.MAY.2020 19:19:05



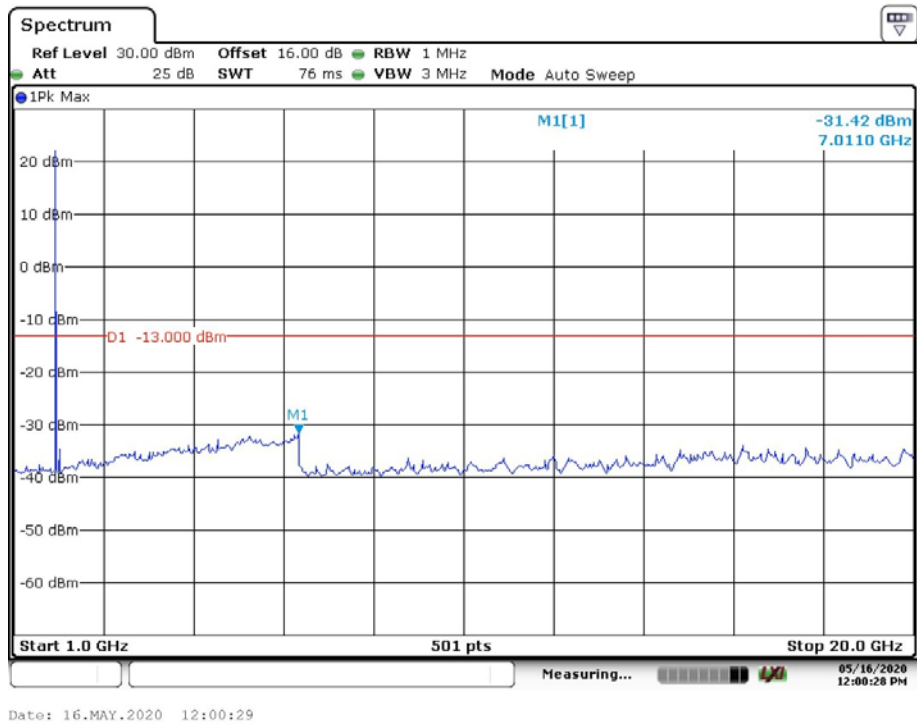
Date: 14.MAY.2020 19:19:16

LTE:

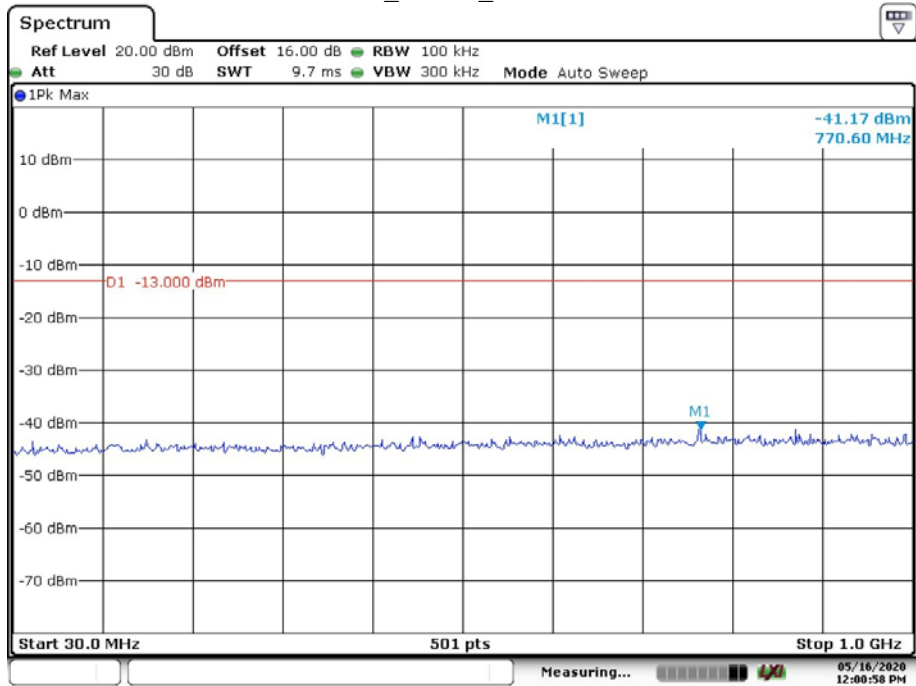
LTE Band 2 1.4 MHz Middle Channel



Fundamental

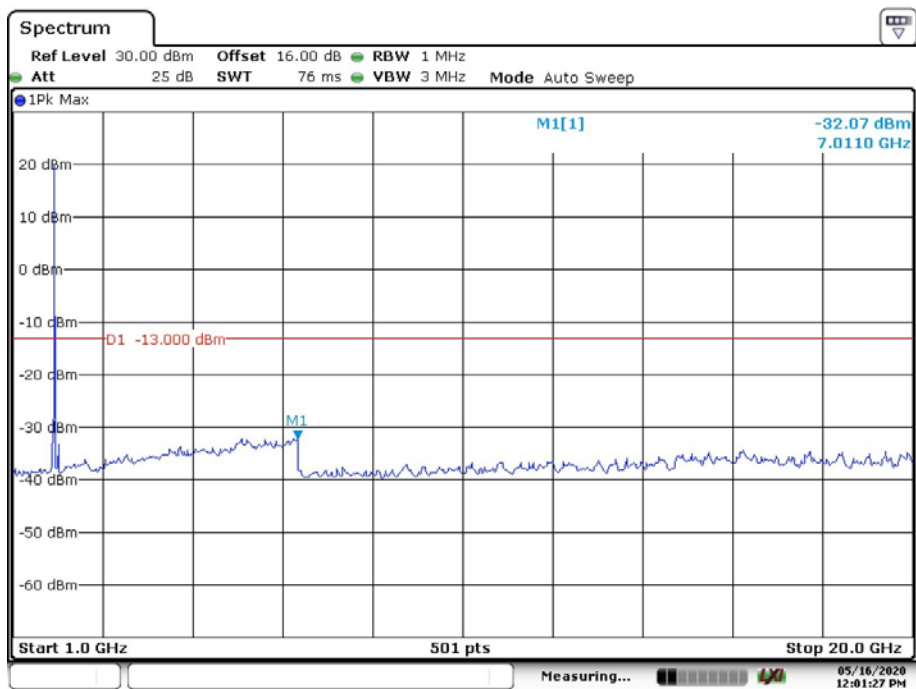


LTE Band 2\_3 MHz\_Middle Channel



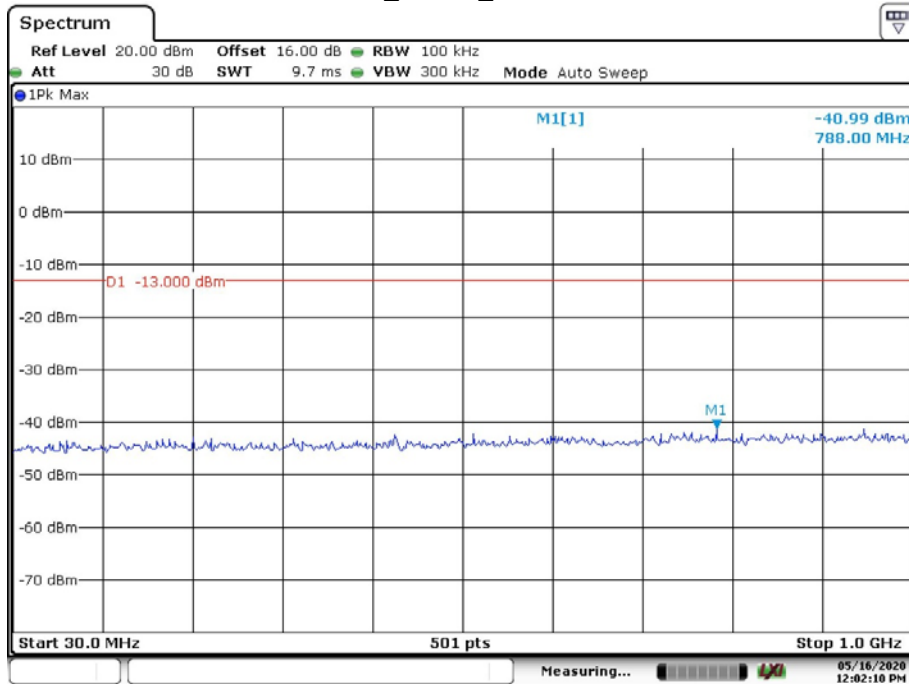
Date: 16.MAY.2020 12:00:59

Fundamental



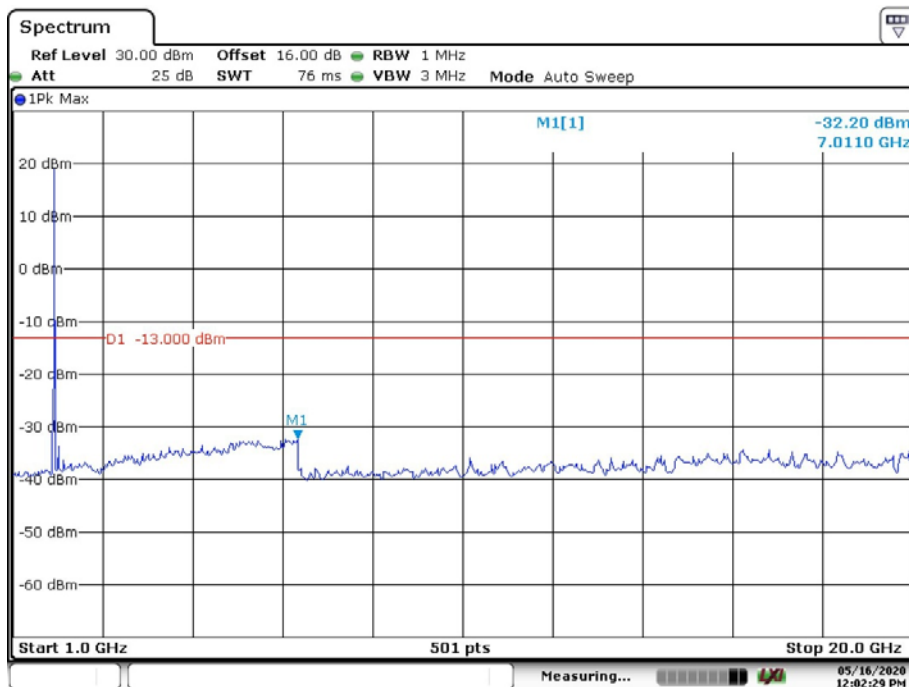
Date: 16.MAY.2020 12:01:28

LTE Band 2\_5 MHz\_Middle Channel



Date: 16.MAY.2020 12:02:10

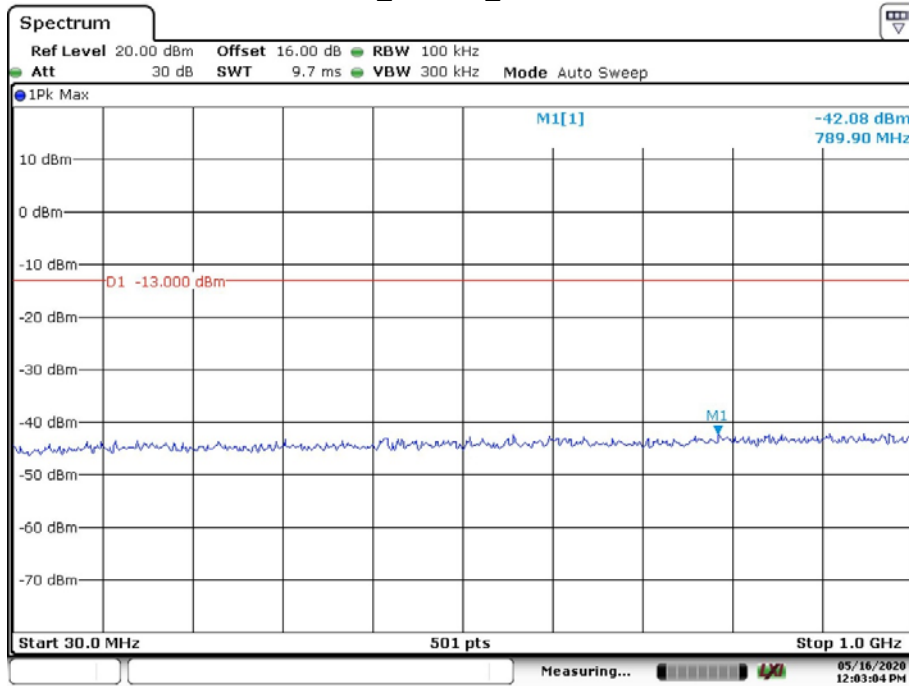
Fundamental



Date: 16.MAY.2020 12:02:30

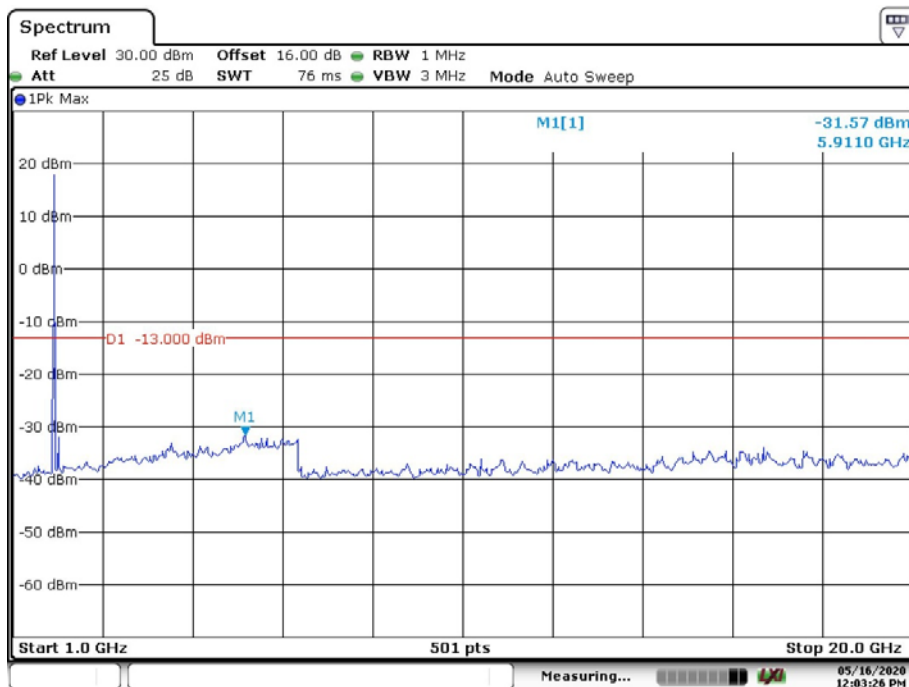


LTE Band 2\_10 MHz\_Middle Channel



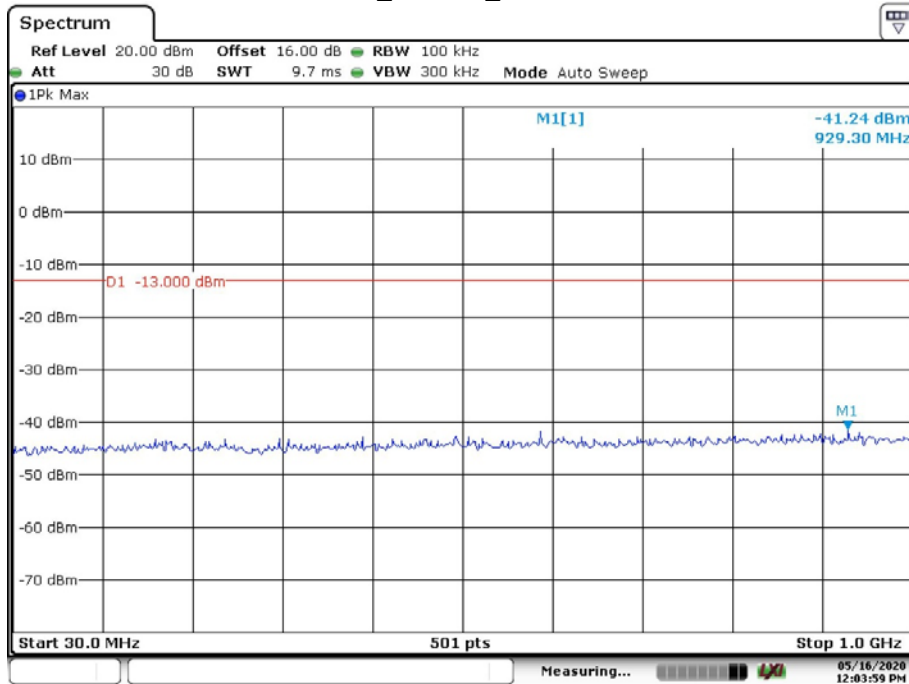
Date: 16.MAY.2020 12:03:04

Fundamental



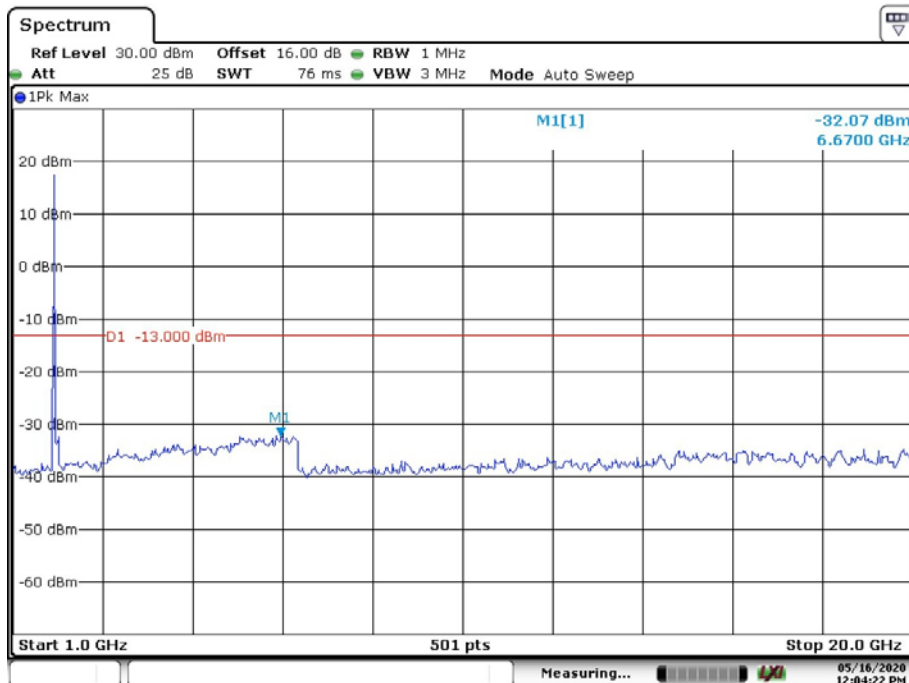
Date: 16.MAY.2020 12:03:27

LTE Band 2\_15 MHz\_Middle Channel



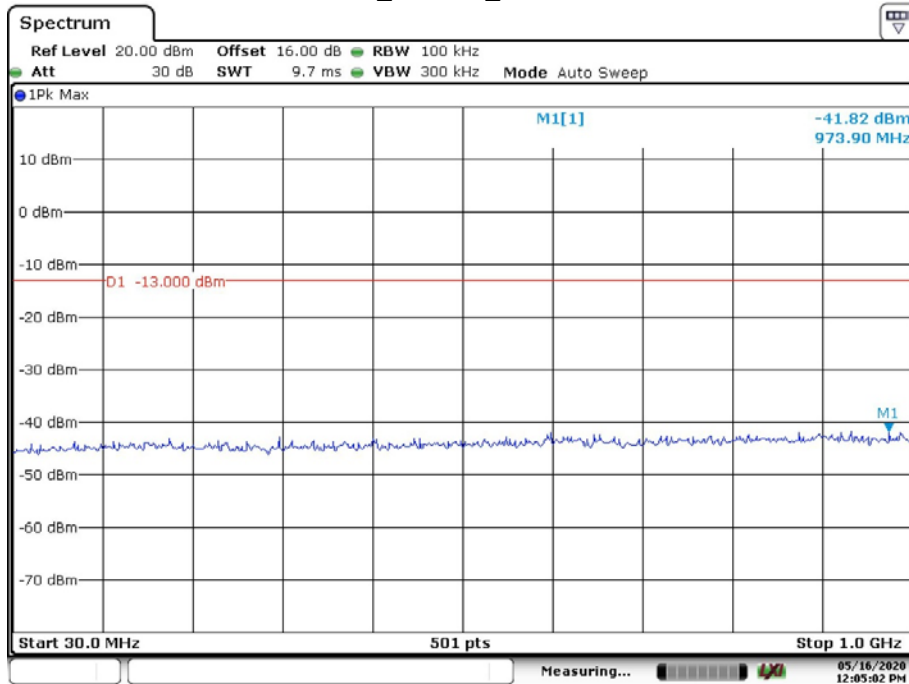
Date: 16.MAY.2020 12:04:00

Fundamental



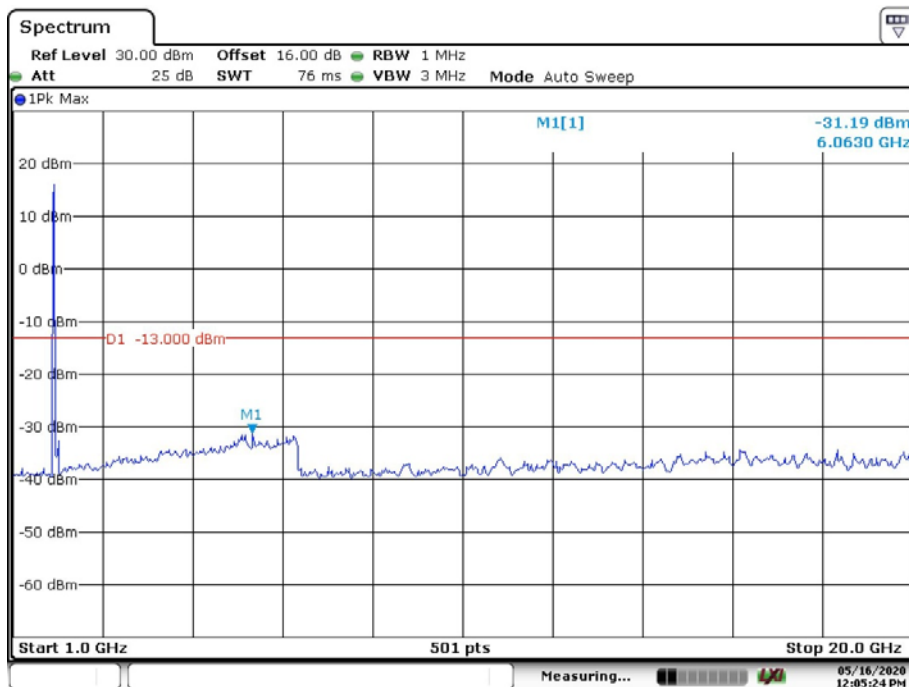
Date: 16.MAY.2020 12:04:22

LTE Band 2\_20 MHz\_Middle Channel



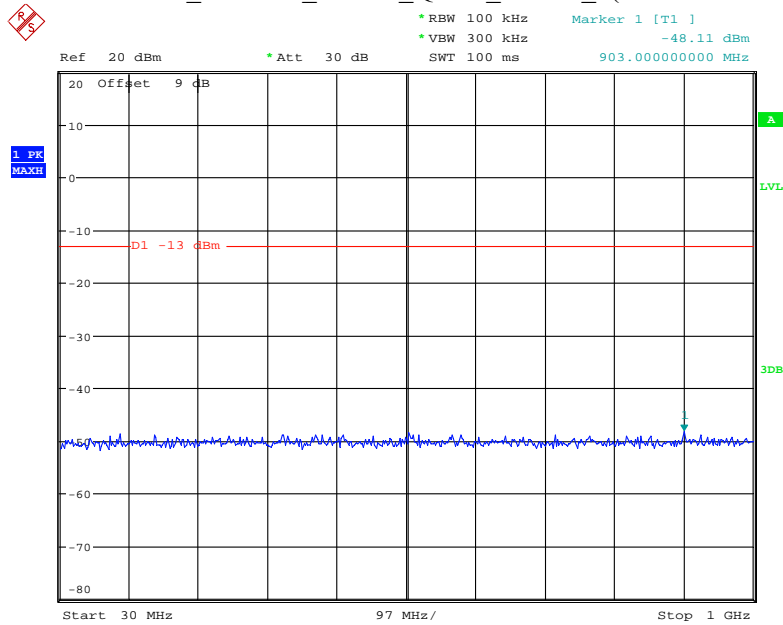
Date: 16.MAY.2020 12:05:02

Fundamental



Date: 16.MAY.2020 12:05:25

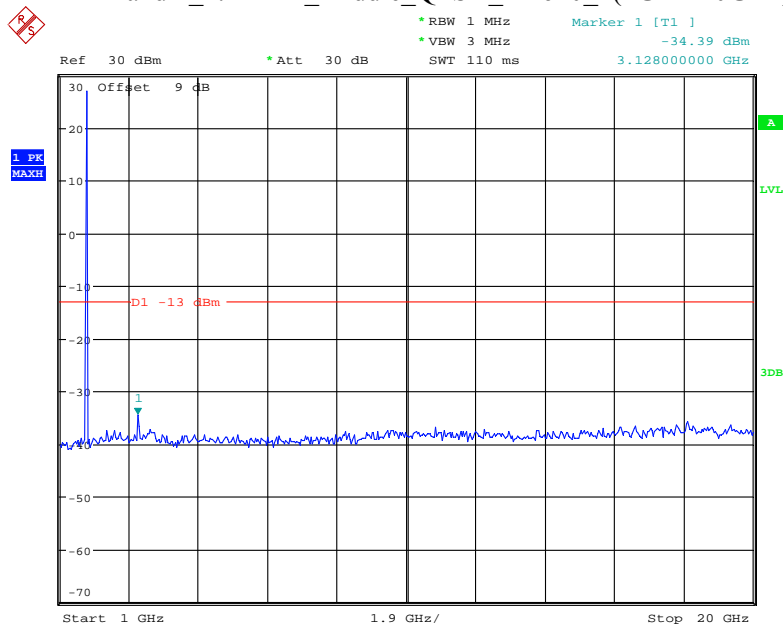
### Band 4\_1.4 MHz\_Middle\_QPSK\_RB6#0\_1(30MHz-1GHz)



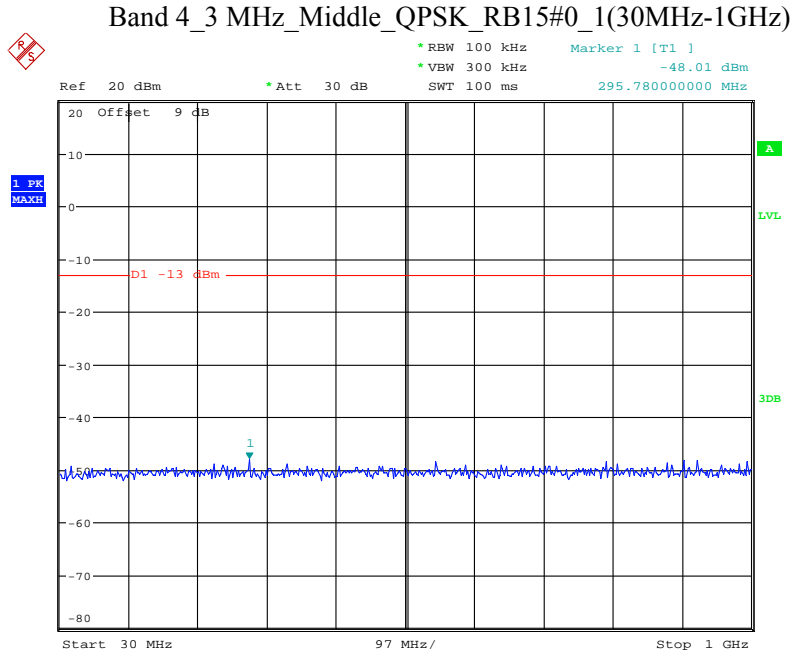
Date: 27.JUL.2020 19:43:38

### Band 4\_1.4 MHz\_Middle\_QPSK\_RB6#0\_2(1GHz-20GHz)

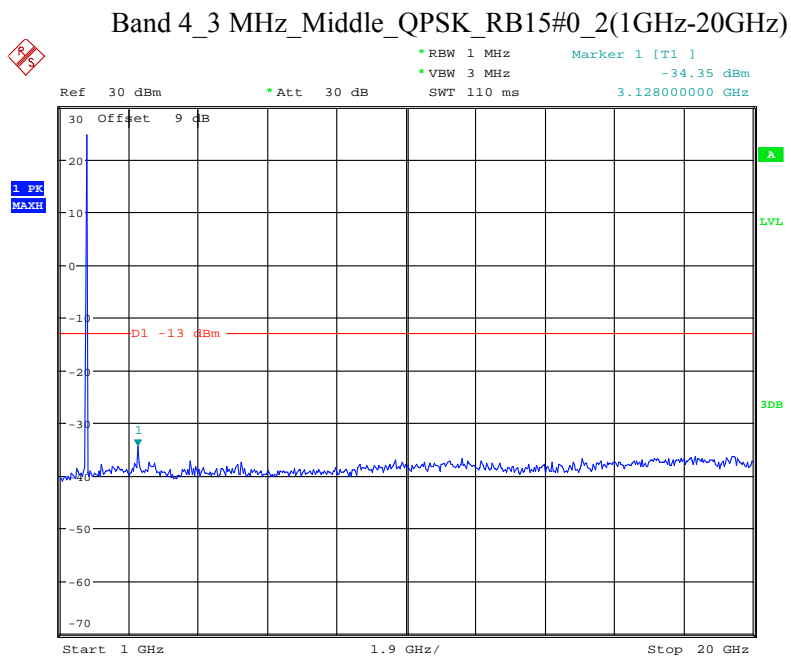
Fundamental



Date: 27.JUL.2020 19:43:50

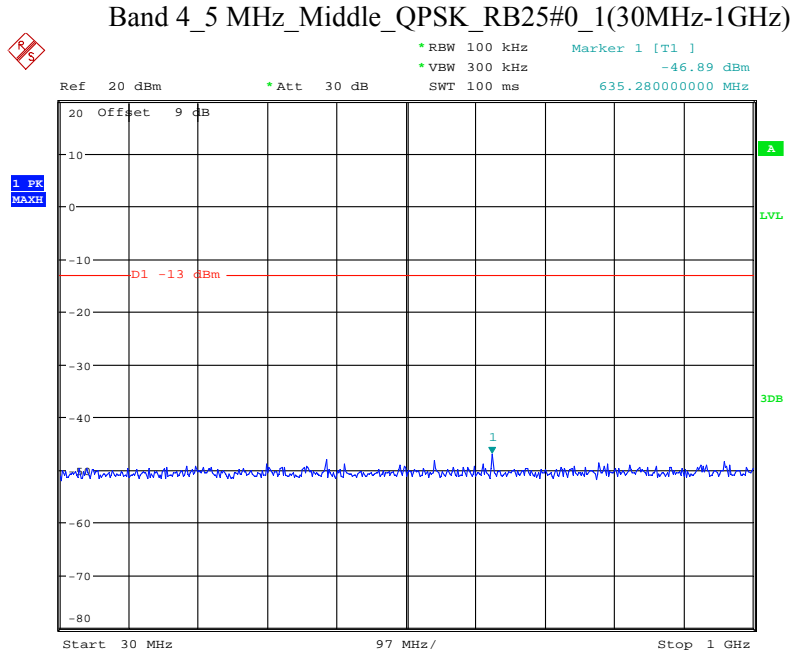


Date: 27.JUL.2020 19:44:09



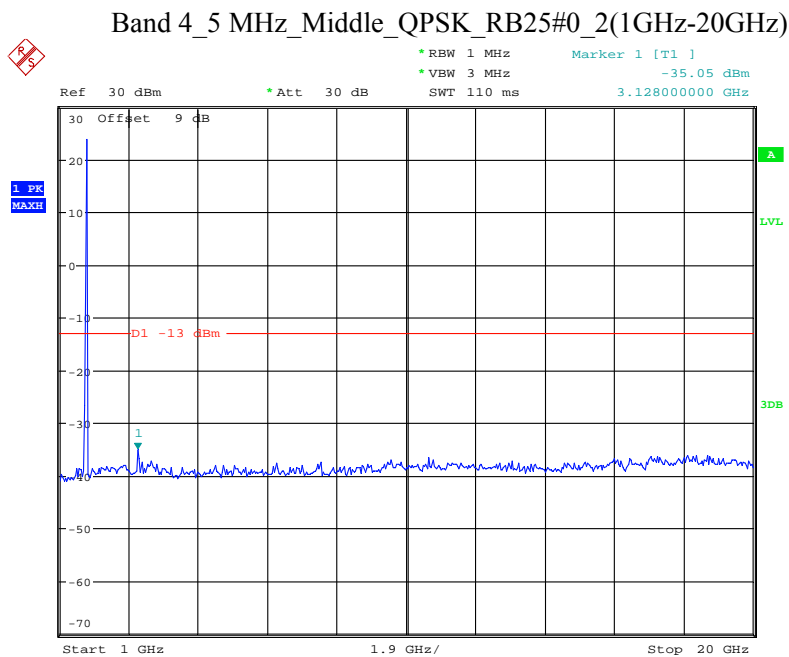
Fundamental

Date: 27.JUL.2020 19:44:20



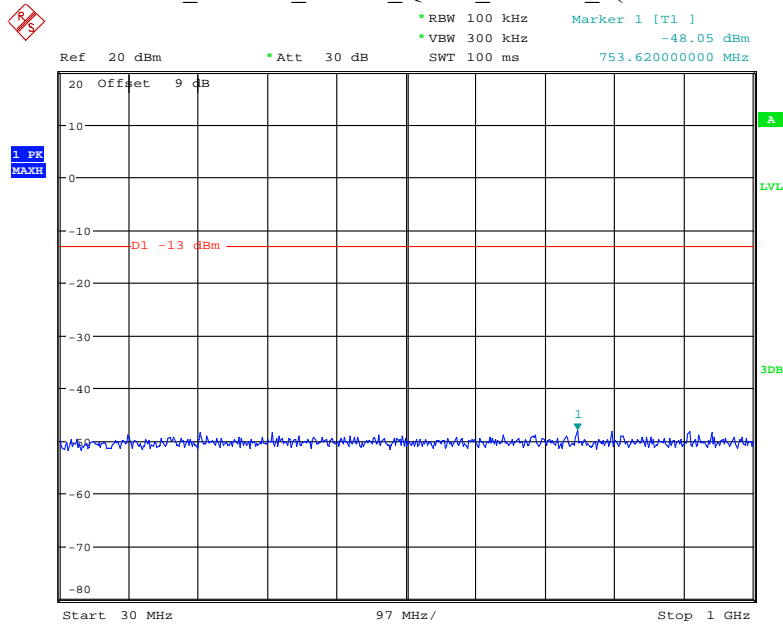
Date: 27.JUL.2020 19:44:39

Fundamental



Date: 27.JUL.2020 19:44:51

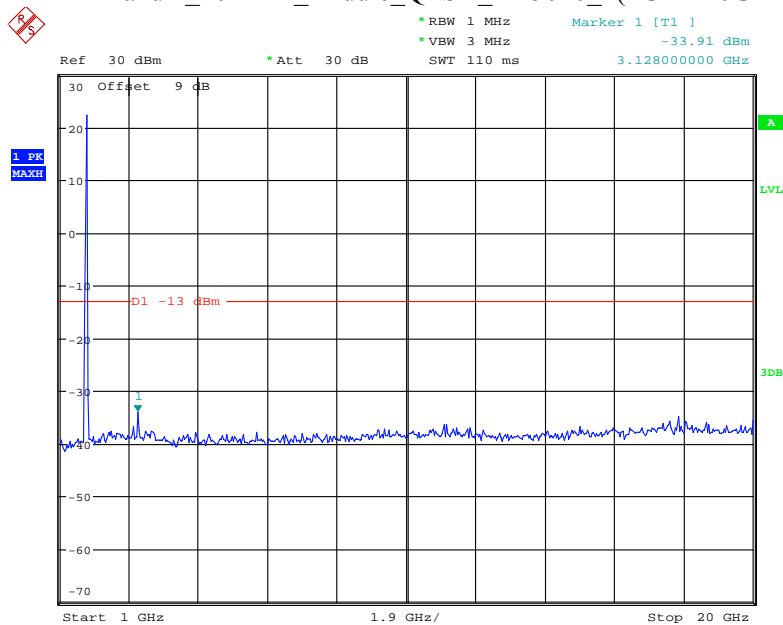
Band 4\_10 MHz\_Middle\_QPSK\_RB50#0\_1(30MHz-1GHz)



Date: 27.JUL.2020 19:45:14

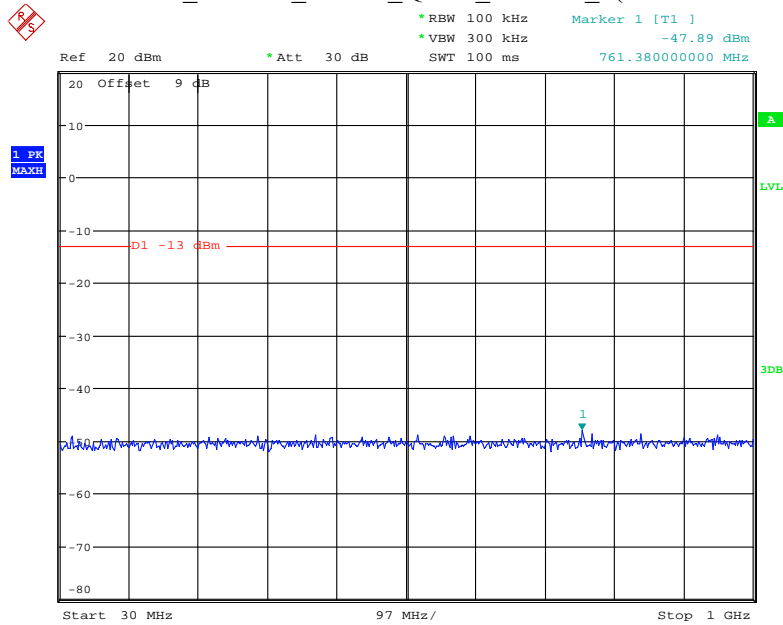
Band 4\_10 MHz\_Middle\_QPSK\_RB50#0\_2(1GHz-20GHz)

Fundamental



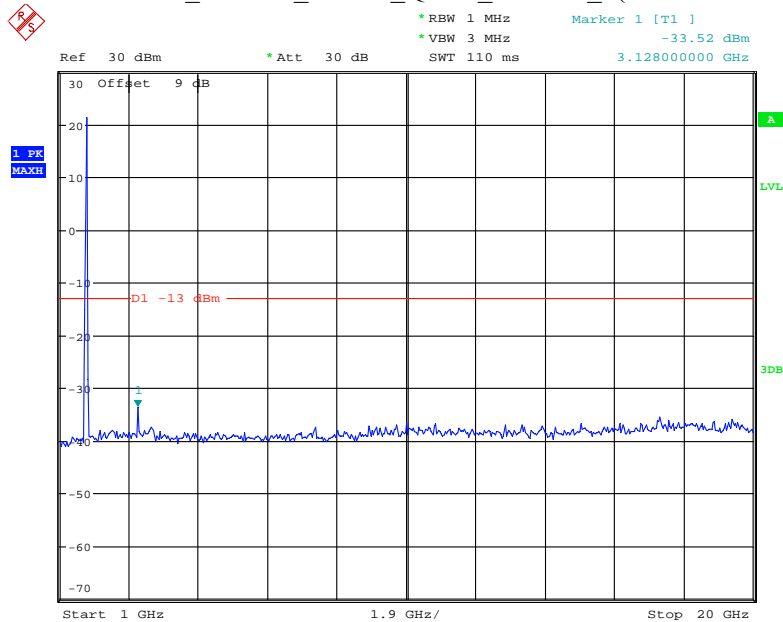
Date: 27.JUL.2020 19:45:25

Band 4\_15 MHz\_Middle\_QPSK\_RB75#0\_1(30MHz-1GHz)



Date: 27.JUL.2020 19:45:47

Band 4\_15 MHz\_Middle\_QPSK\_RB75#0\_2(1GHz-20GHz)

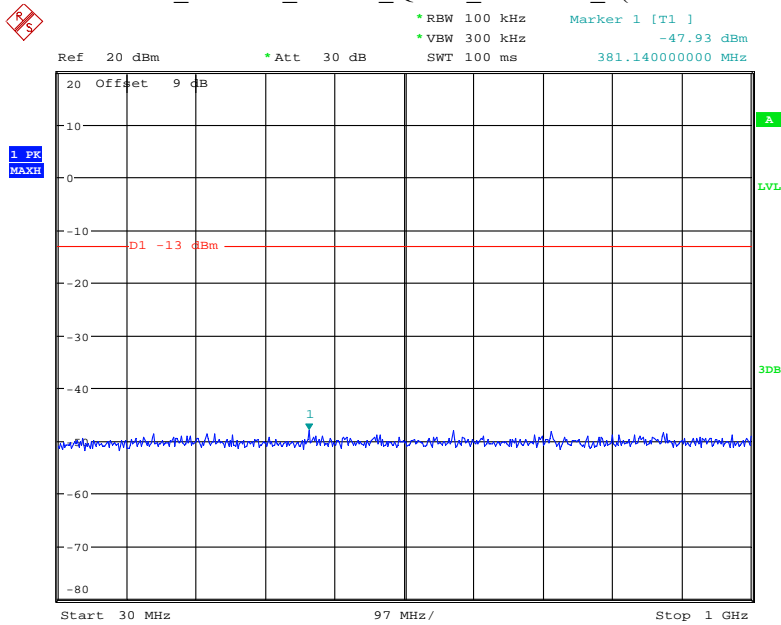


Fundamental

Date: 27.JUL.2020 19:45:59

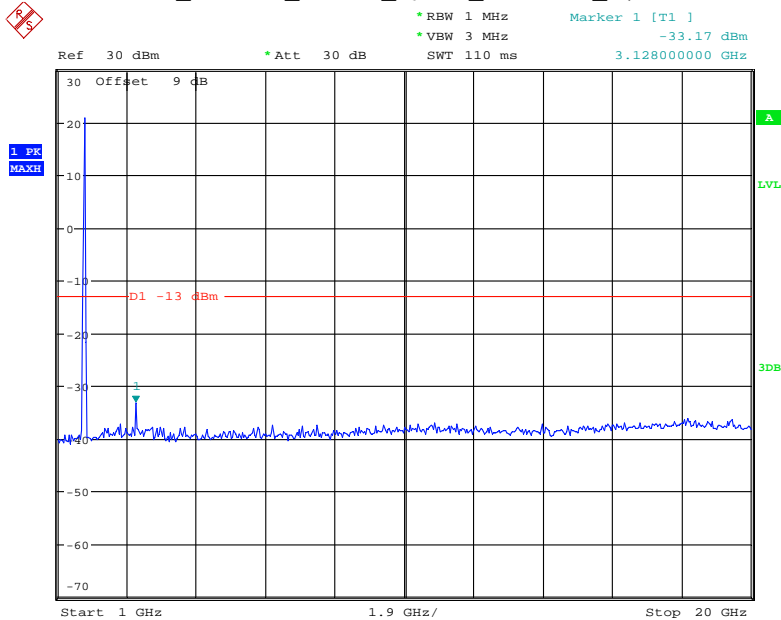


Band 4\_20 MHz\_Middle\_QPSK\_RB100#0\_1(30MHz-1GHz)



Date: 27.JUL.2020 19:46:24

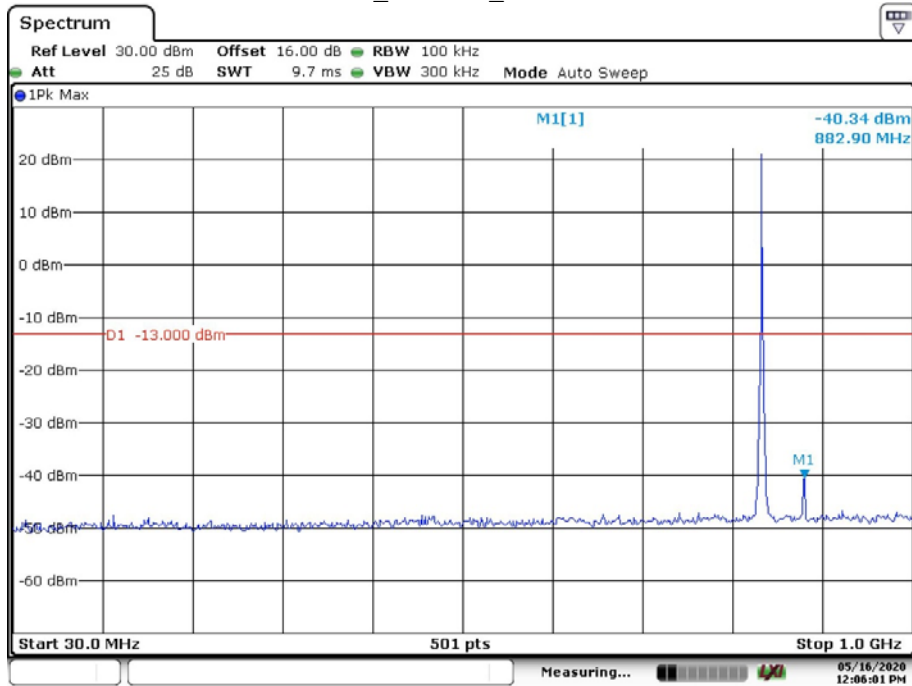
Band 4\_20 MHz\_Middle\_QPSK\_RB100#0\_2(1GHz-20GHz)



Date: 27.JUL.2020 19:46:36

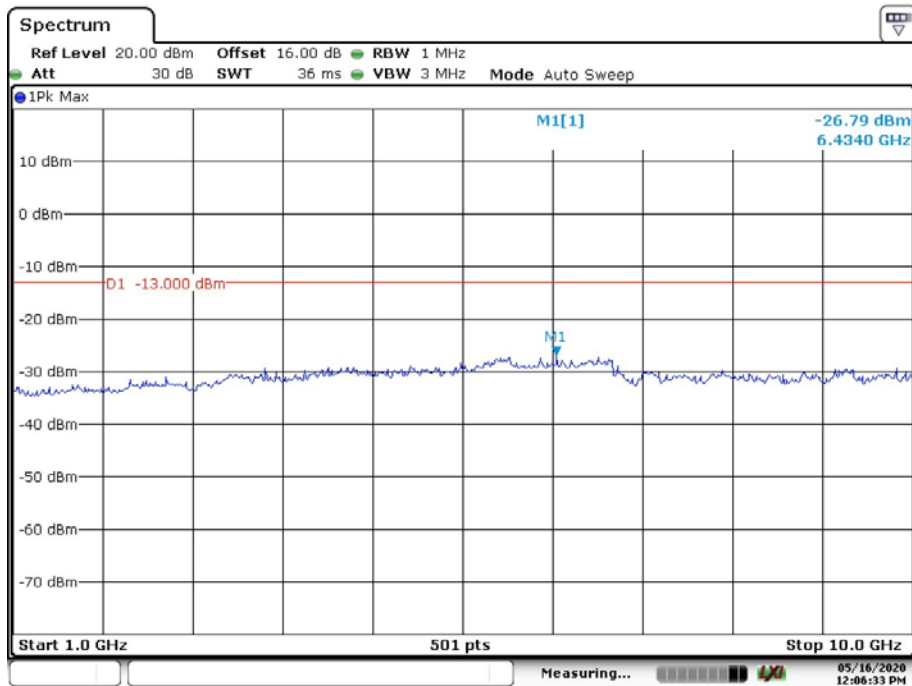
Fundamental

LTE Band 5\_1.4 MHz\_Middle Channel



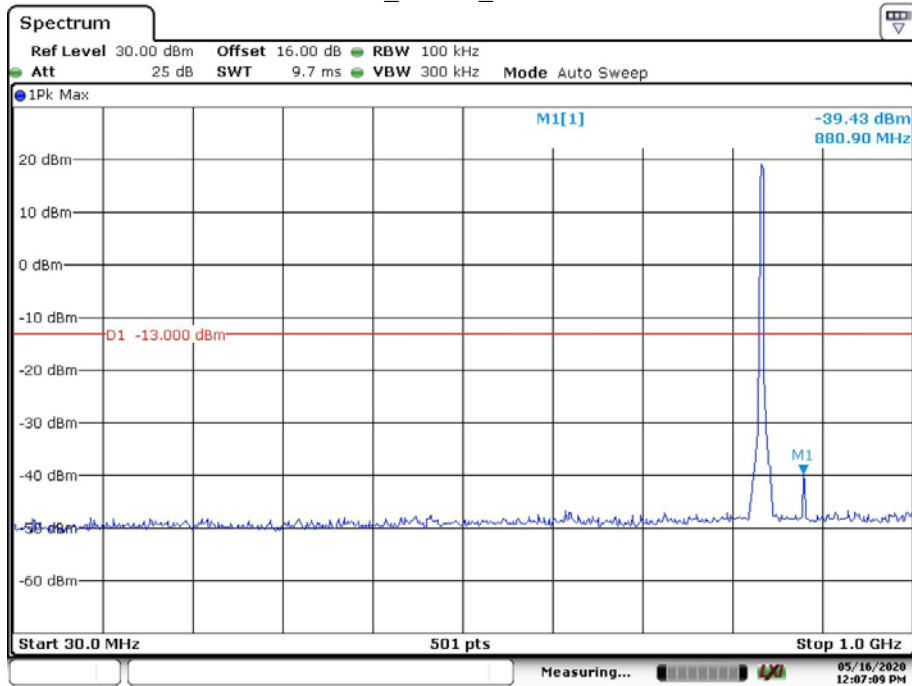
Date: 16.MAY.2020 12:06:01

Fundamental



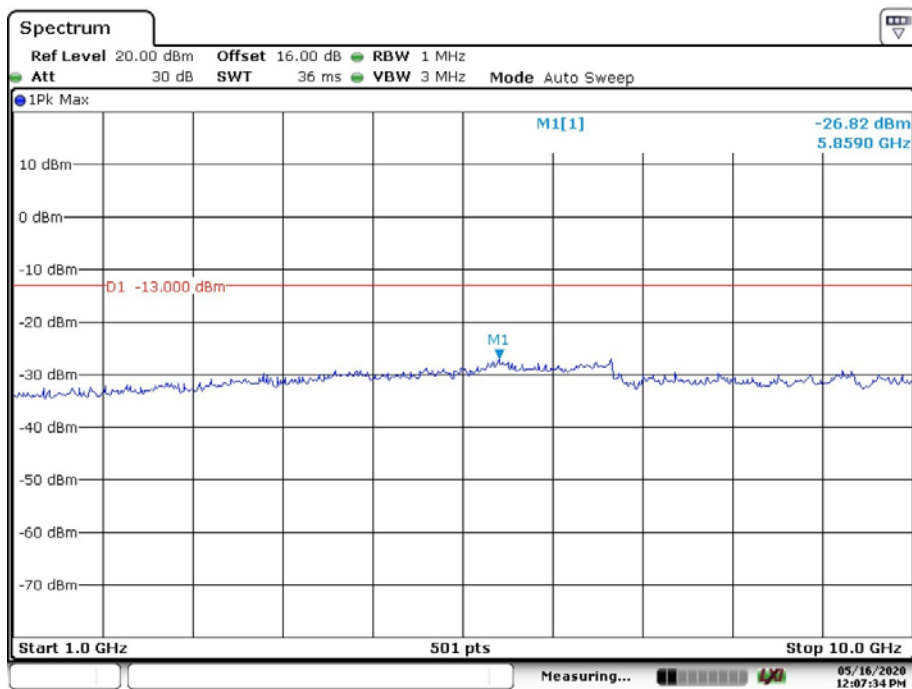
Date: 16.MAY.2020 12:06:33

LTE Band 5\_3 MHz\_Middle Channel



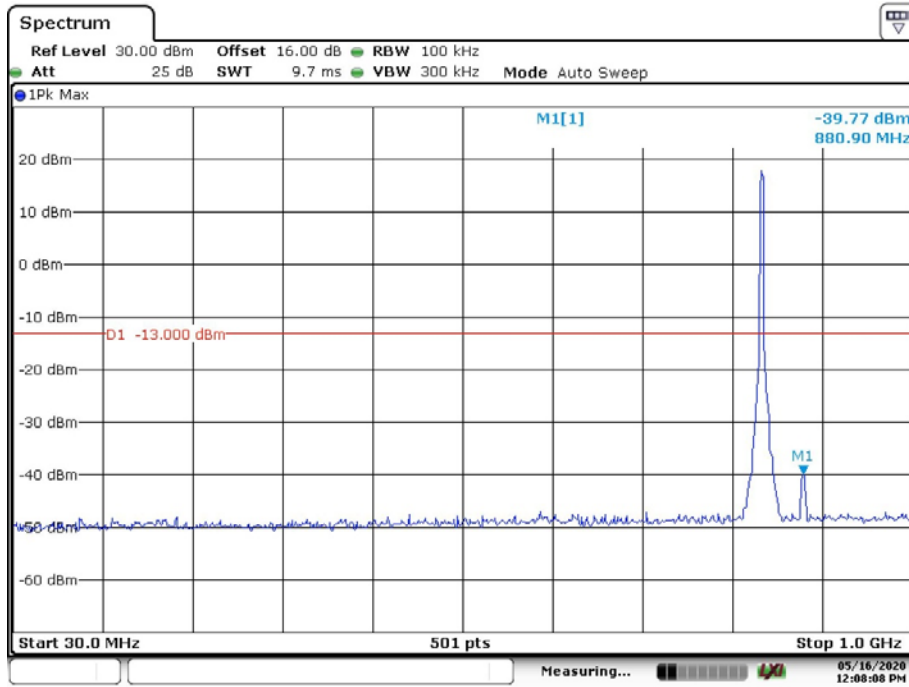
Fundamental

Date: 16.MAY.2020 12:07:09

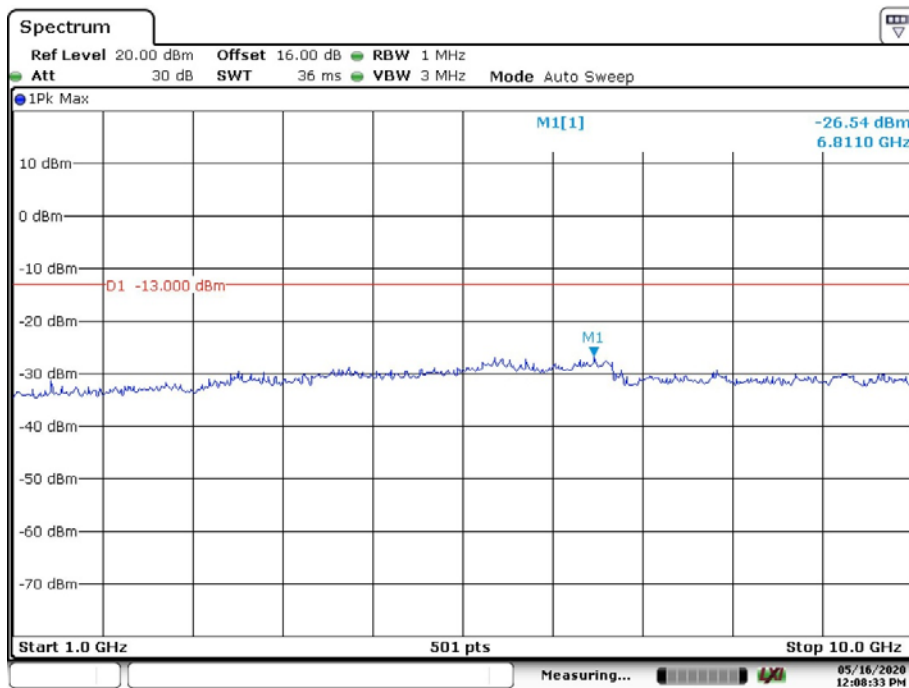


Date: 16.MAY.2020 12:07:35

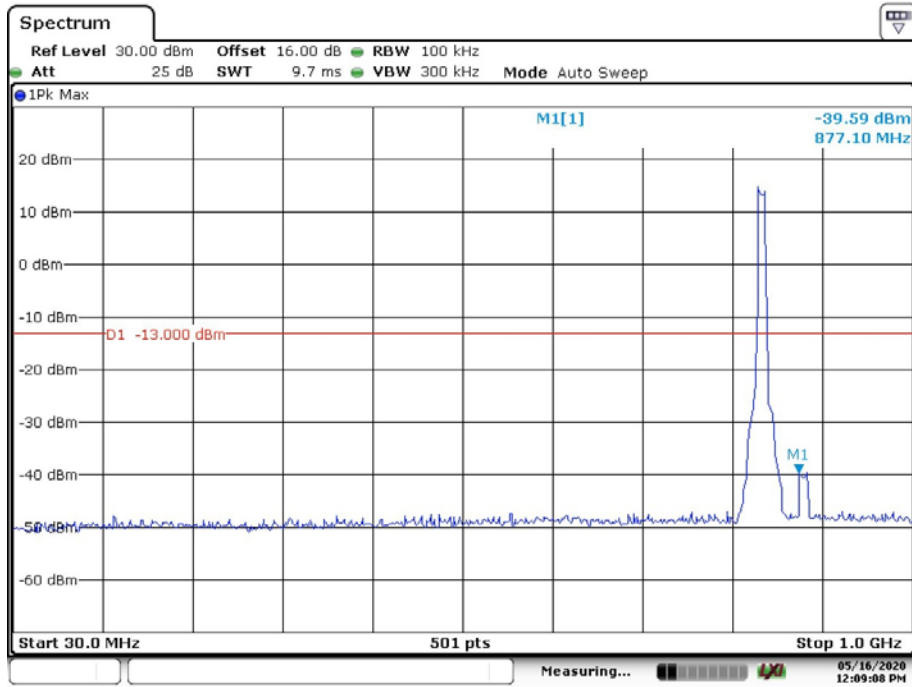
LTE Band 5\_5 MHz\_Middle Channel



Fundamental

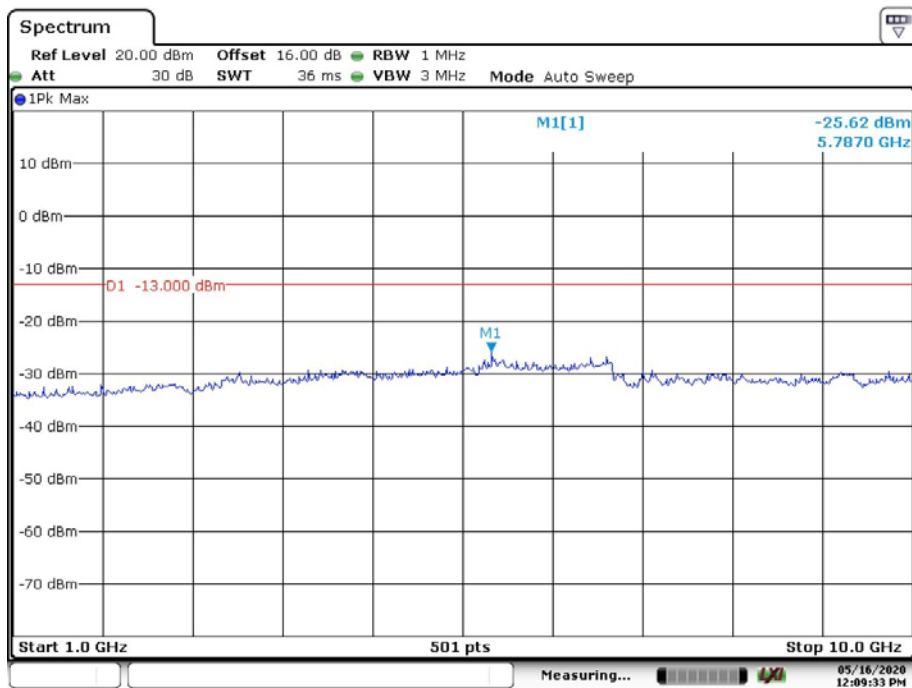


LTE Band 5\_10 MHz\_Middle Channel



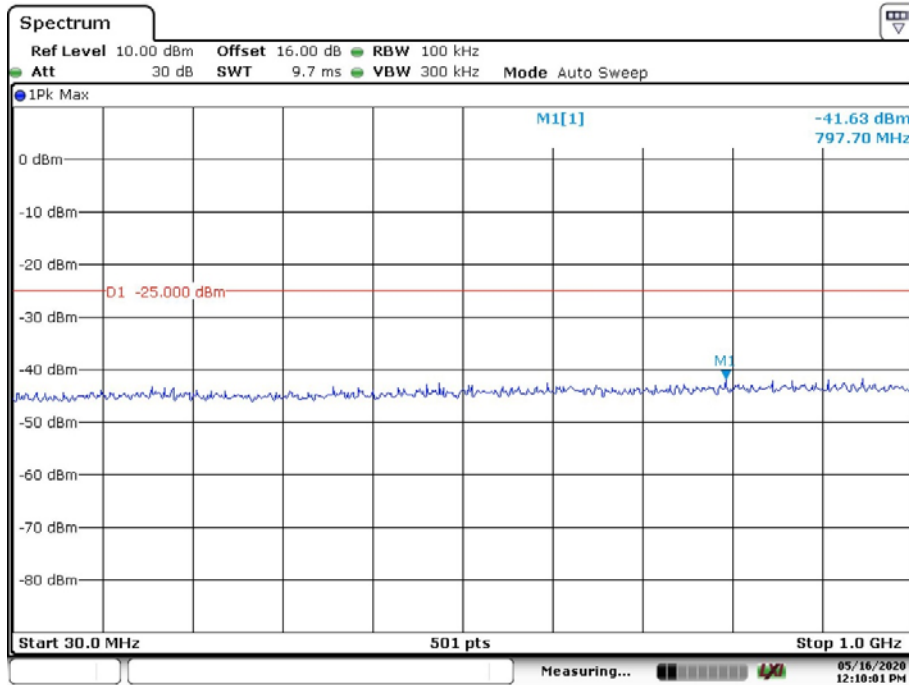
Fundamental

Date: 16.MAY.2020 12:09:08

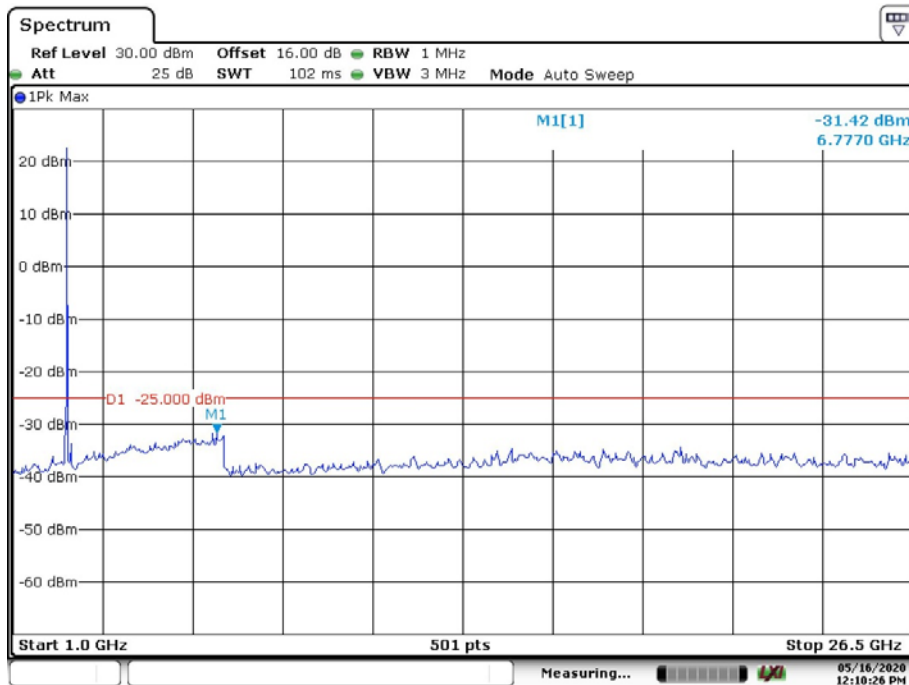


Date: 16.MAY.2020 12:09:34

LTE Band 7\_5 MHz\_Middle Channel



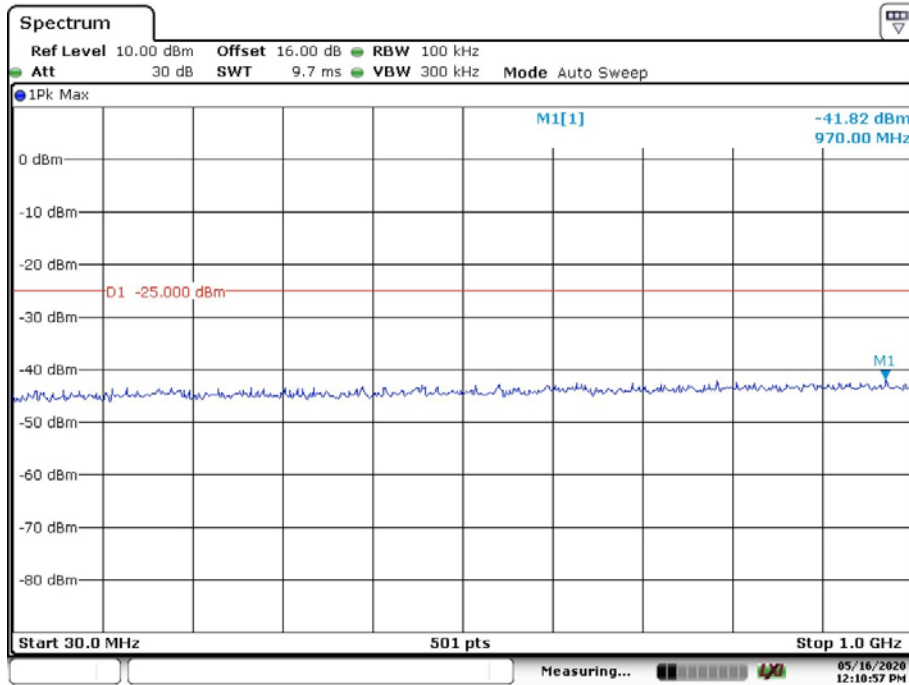
Date: 16.MAY.2020 12:10:01



Date: 16.MAY.2020 12:10:27

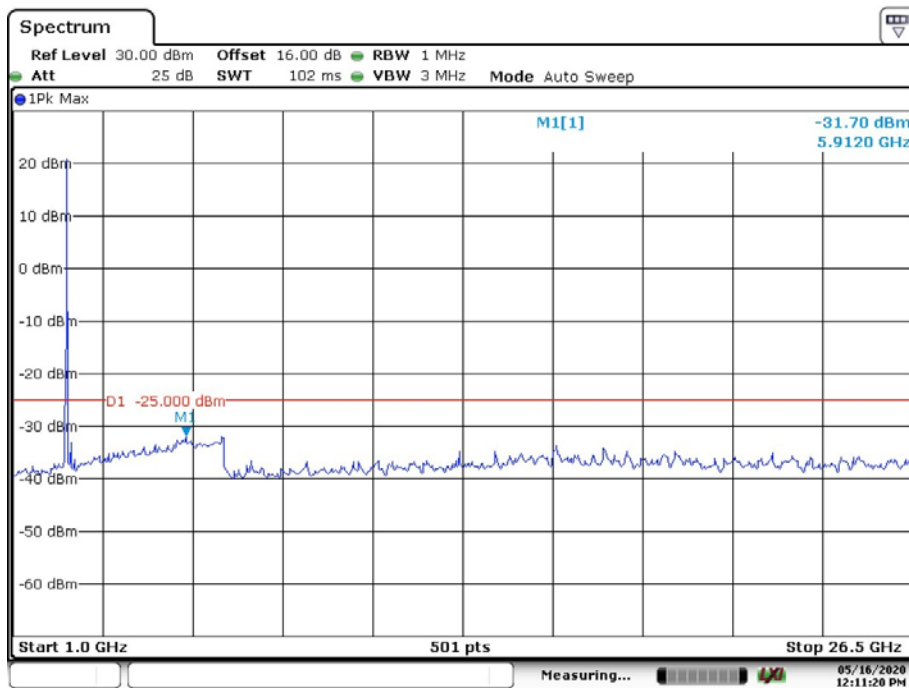
Fundamental

LTE Band 7\_10 MHz\_Middle Channel



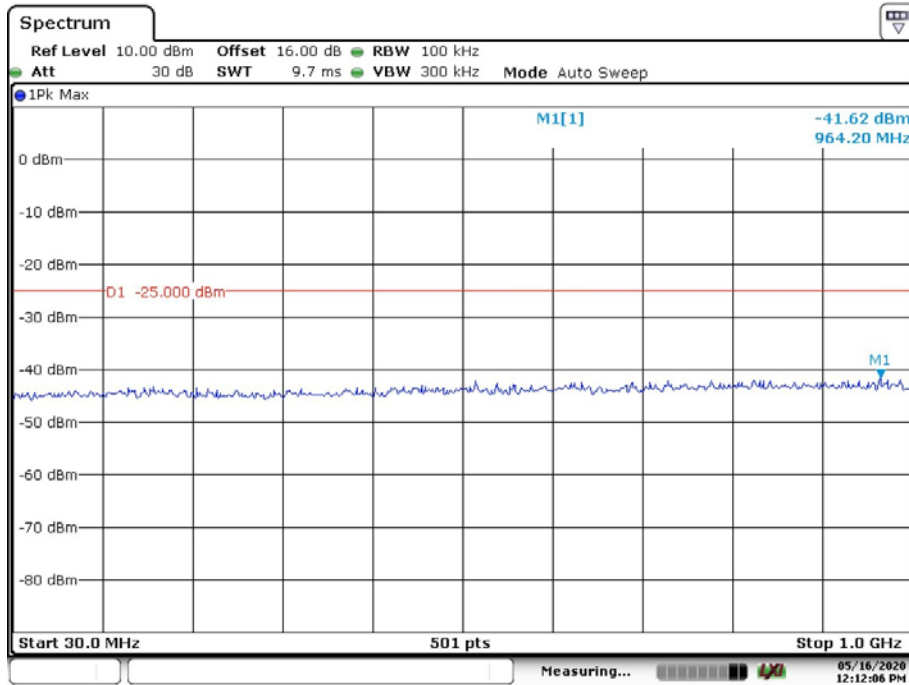
Date: 16.MAY.2020 12:10:58

Fundamental



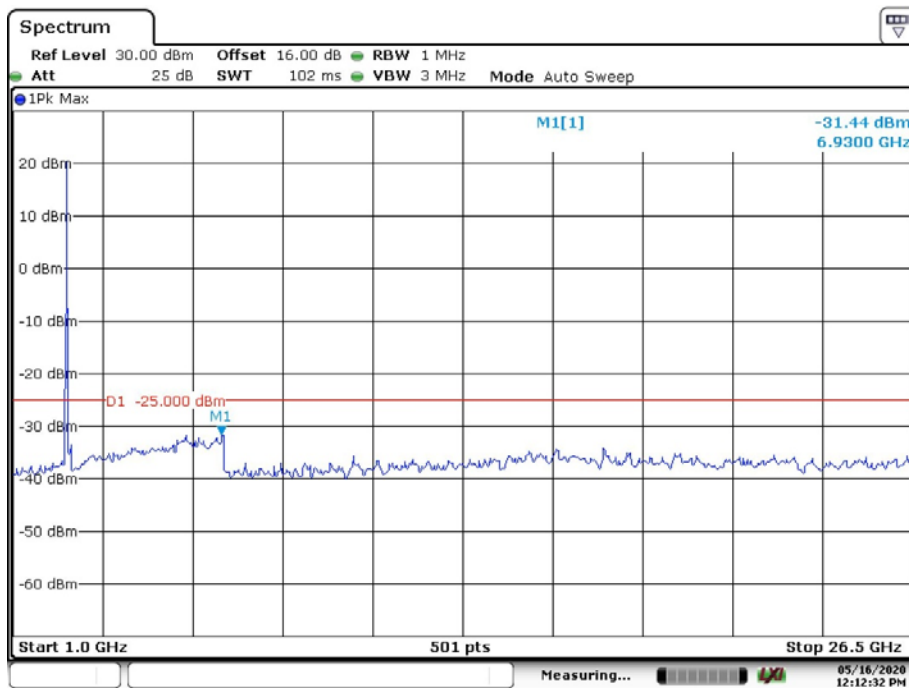
Date: 16.MAY.2020 12:11:21

LTE Band 7\_15 MHz\_Middle Channel



Date: 16.MAY.2020 12:12:06

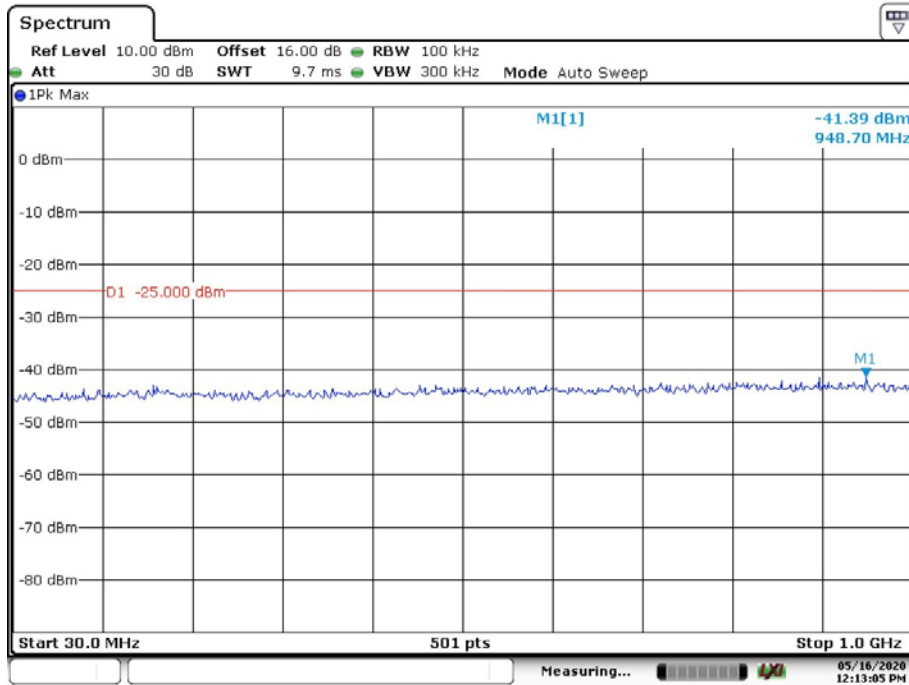
Fundamental



Date: 16.MAY.2020 12:12:32

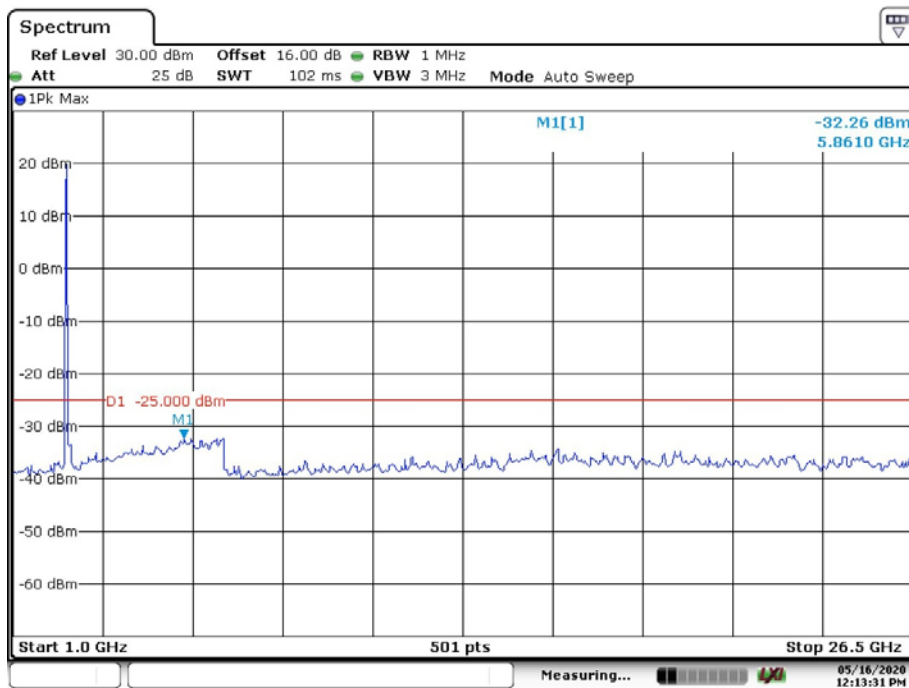


LTE Band 7\_20 MHz\_Middle Channel



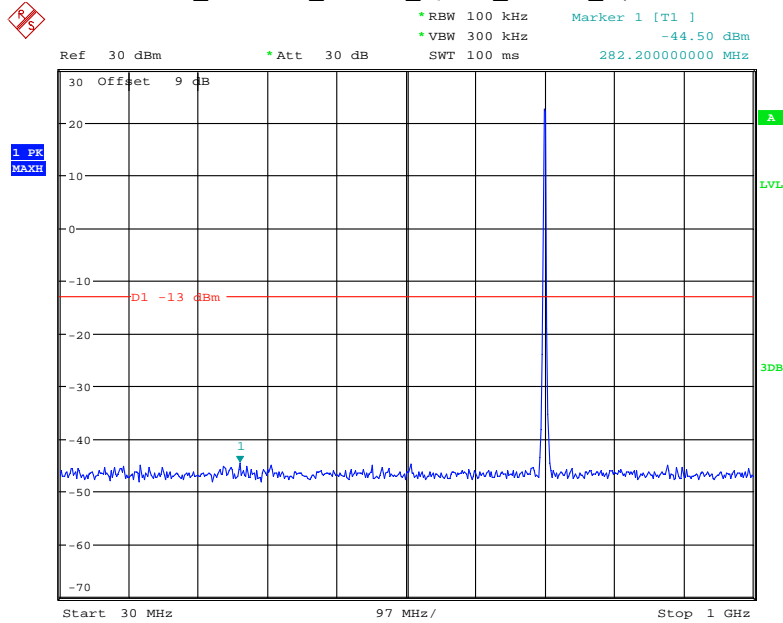
Date: 16.MAY.2020 12:13:06

Fundamental



Date: 16.MAY.2020 12:13:31

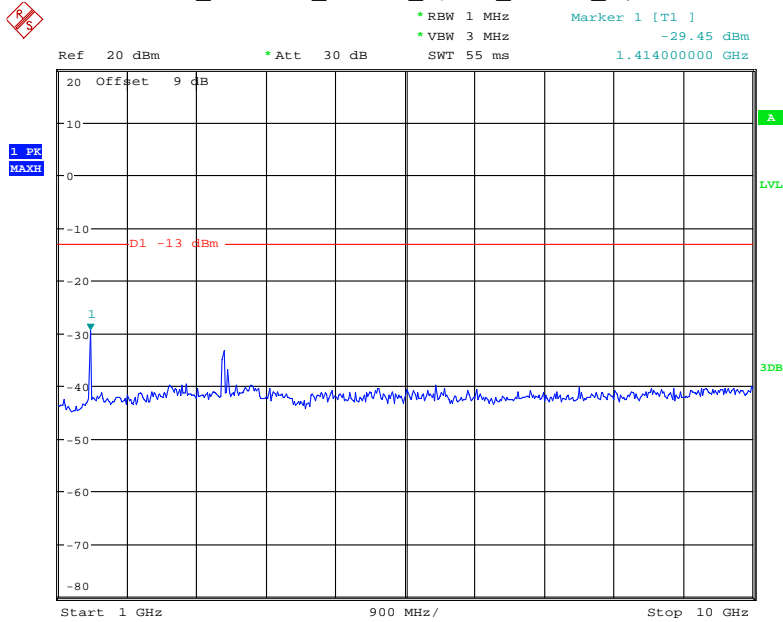
Band 12\_1.4 MHz\_Middle\_QPSK\_RB6#0\_1(30MHz-1GHz)



tal

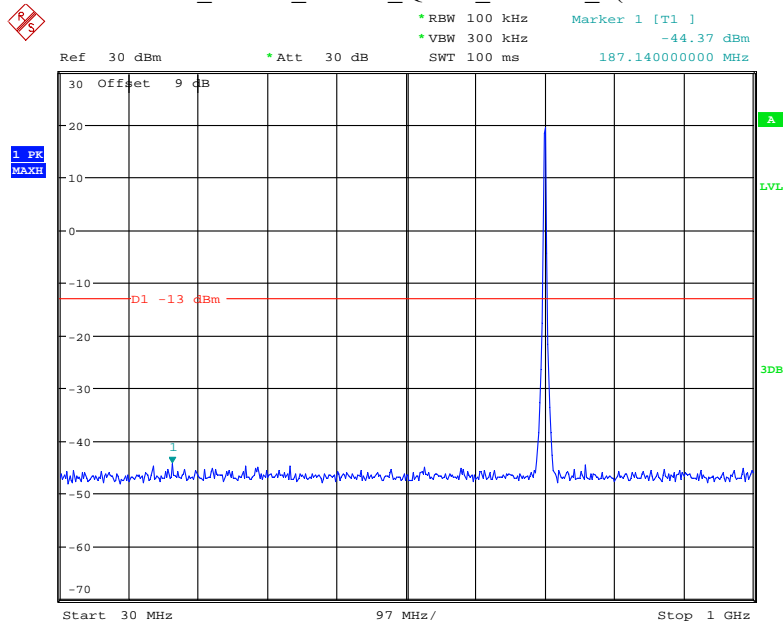
Date: 27.JUL.2020 19:46:55

Band 12\_1.4 MHz\_Middle\_QPSK\_RB6#0\_2(1GHz-10GHz)



Date: 27.JUL.2020 19:47:06

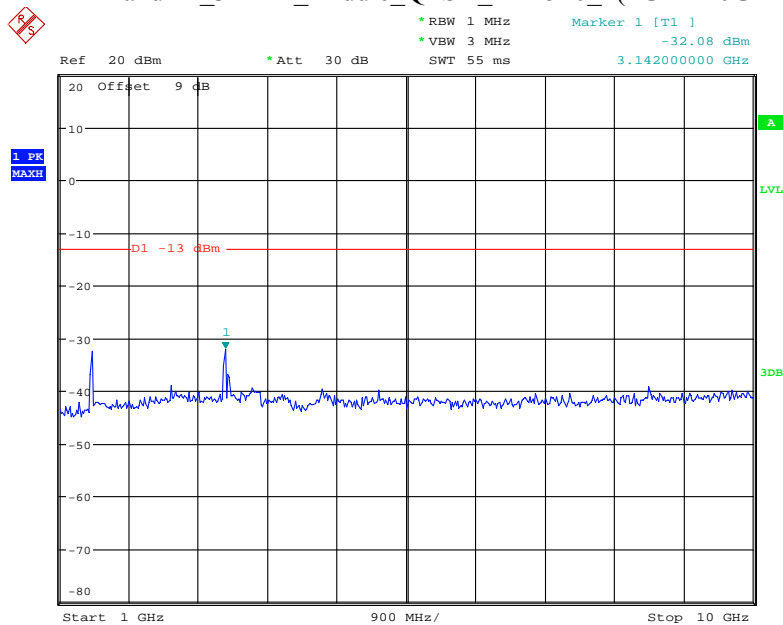
Band 12\_3 MHz\_Middle\_QPSK\_RB15#0\_1(30MHz-1GHz)



Fundamental

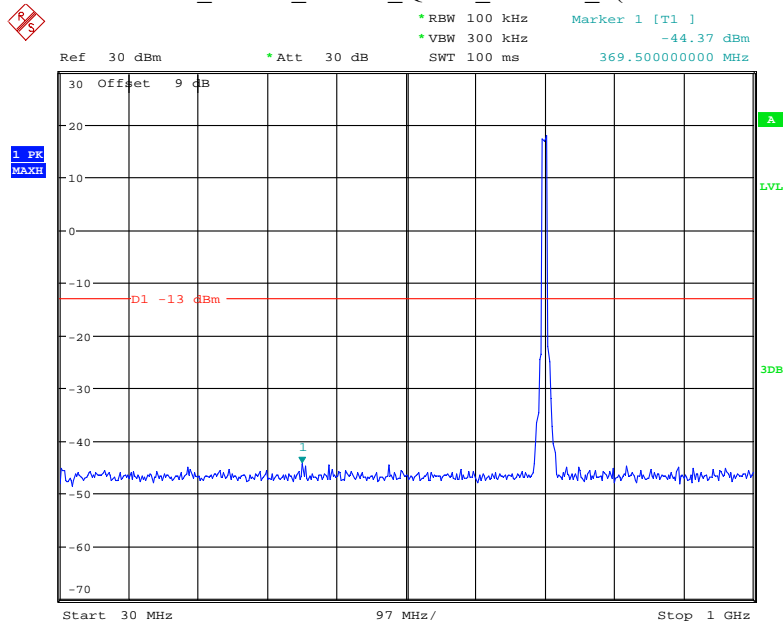
Date: 27.JUL.2020 19:47:36

Band 12\_3 MHz\_Middle\_QPSK\_RB15#0\_2(1GHz-10GHz)



Date: 27.JUL.2020 19:47:47

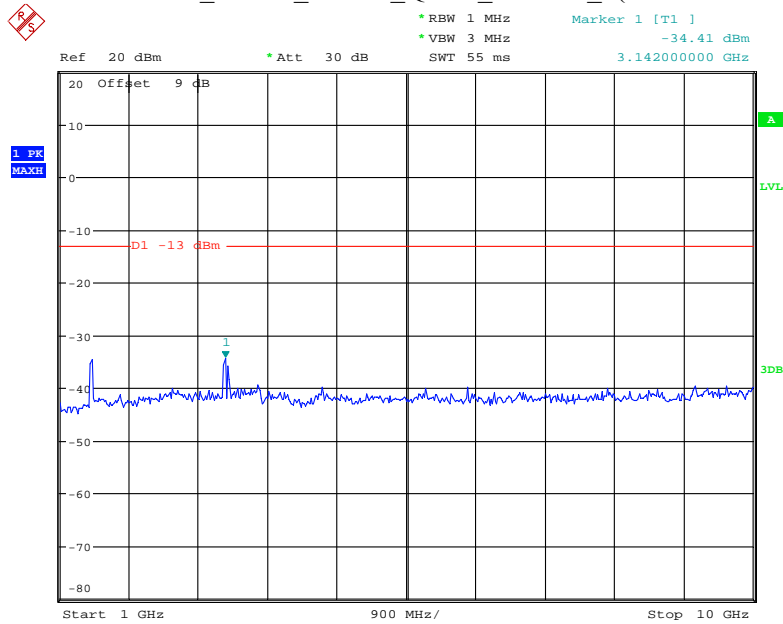
Band 12\_5 MHz\_Middle\_QPSK\_RB25#0\_1(30MHz-1GHz)



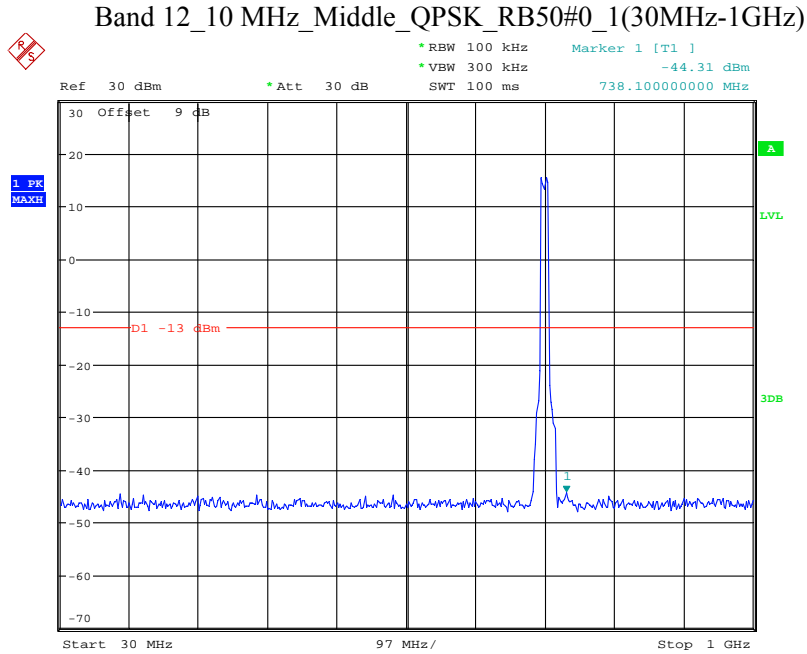
ndamental

Date: 27.JUL.2020 19:48:06

Band 12\_5 MHz\_Middle\_QPSK\_RB25#0\_2(1GHz-10GHz)

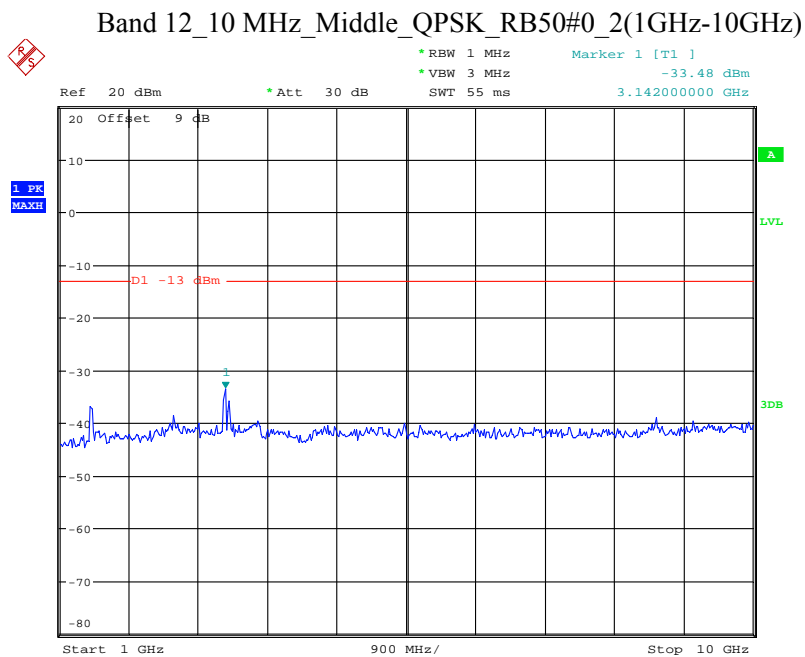


Date: 27.JUL.2020 19:48:18



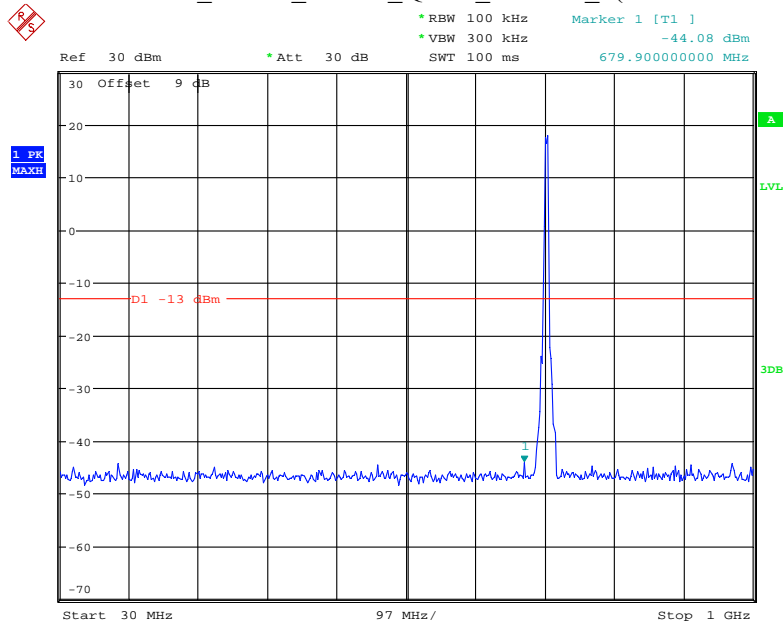
amental

Date: 27.JUL.2020 19:48:41



Date: 27.JUL.2020 19:48:52

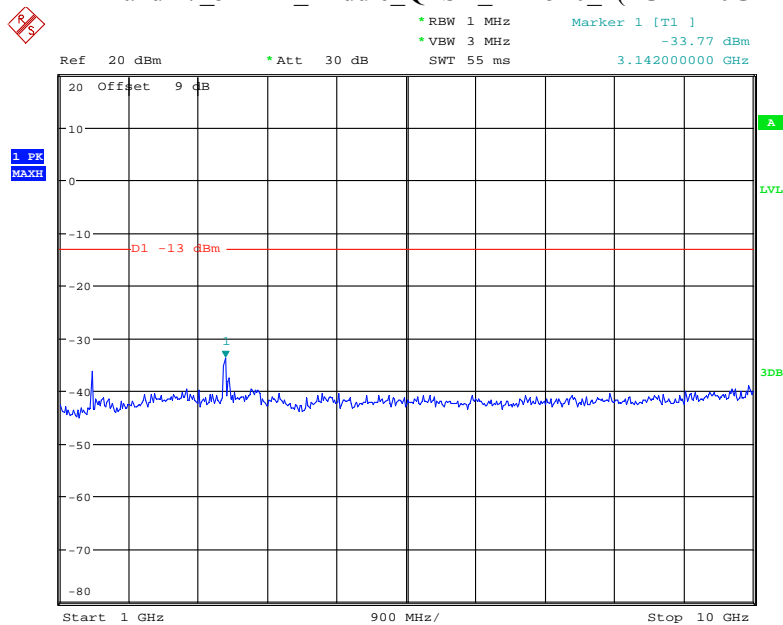
Band 17\_5 MHz\_Middle\_QPSK\_RB25#0\_1(30MHz-1GHz)



ndamental

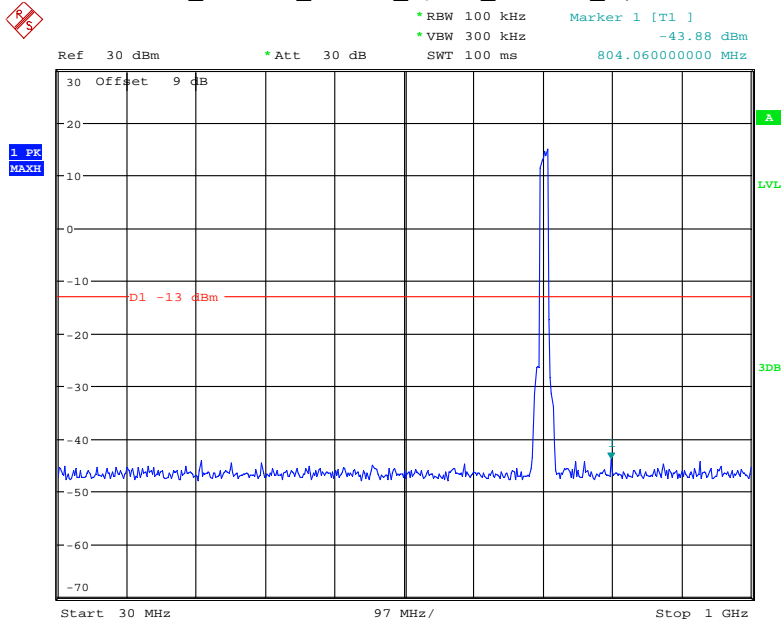
Date: 27.JUL.2020 19:49:11

Band 17\_5 MHz\_Middle\_QPSK\_RB25#0\_2(1GHz-10GHz)



Date: 27.JUL.2020 19:49:23

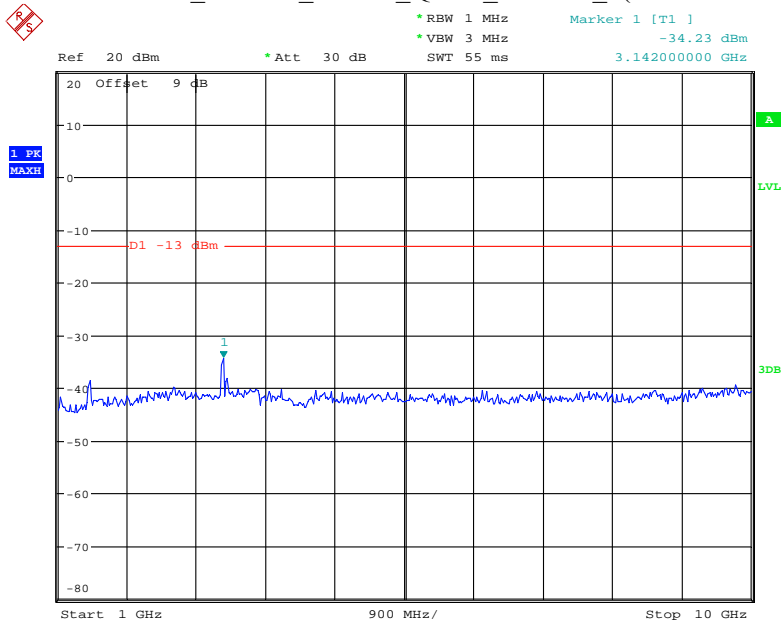
Band 17\_10 MHz\_Middle\_QPSK\_RB50#0\_1(30MHz-1GHz)



damental

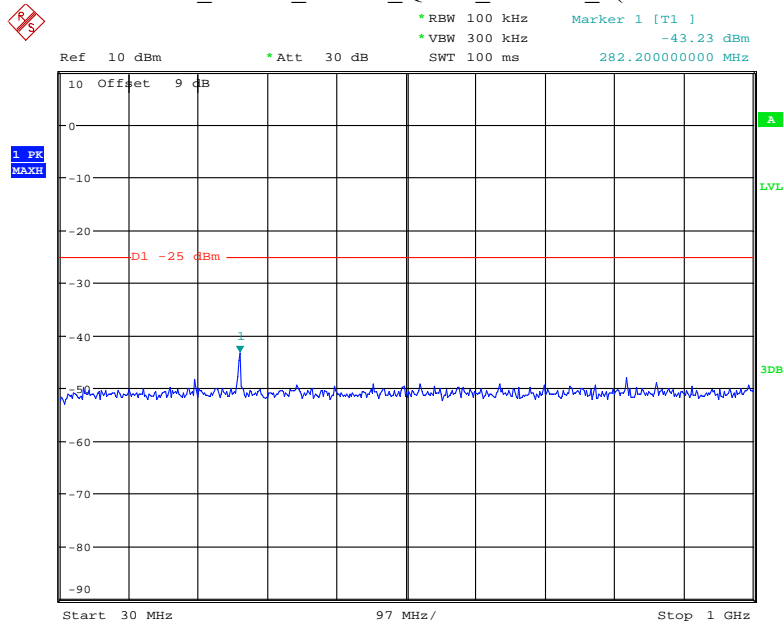
Date: 27.JUL.2020 19:49:43

Band 17\_10 MHz\_Middle\_QPSK\_RB50#0\_2(1GHz-10GHz)



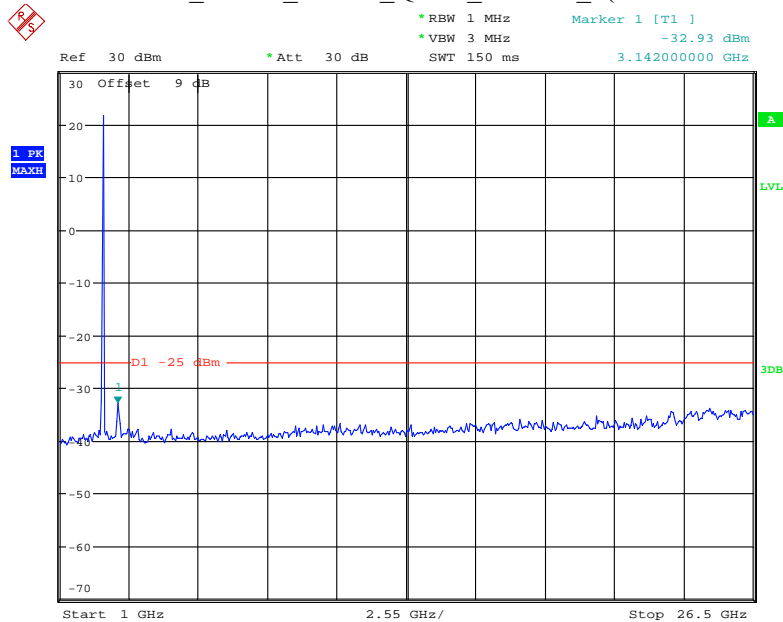
Date: 27.JUL.2020 19:49:54

Band 38\_5 MHz\_Middle\_QPSK\_RB25#0\_1(30MHz-1GHz)



Date: 27.JUL.2020 19:50:20

Band 38\_5 MHz\_Middle\_QPSK\_RB25#0\_2(1GHz-26.5GHz)

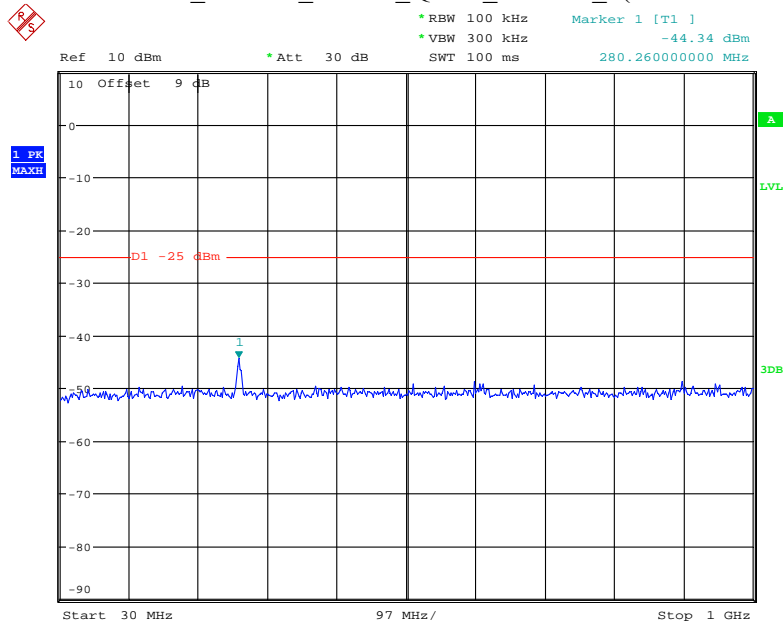


Date: 27.JUL.2020 19:50:32

Fundamental



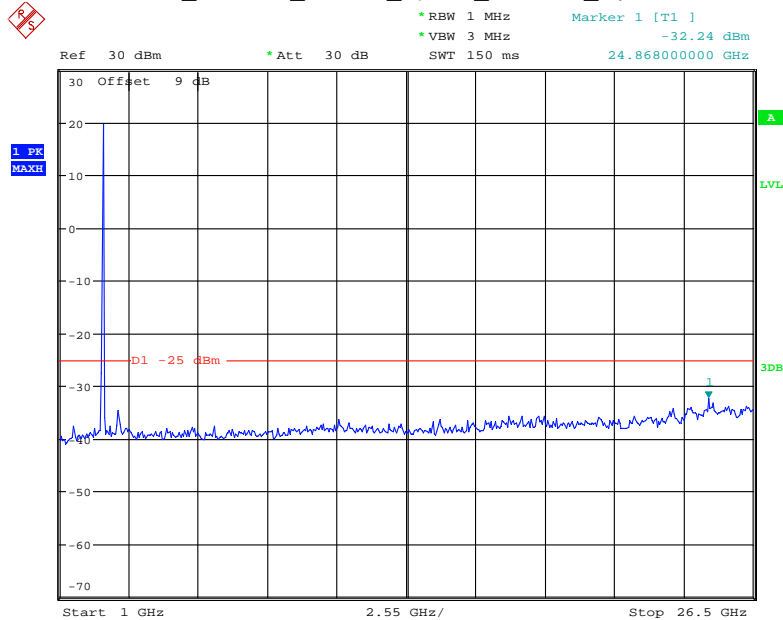
Band 38\_10 MHz\_Middle\_QPSK\_RB50#0\_1(30MHz-1GHz)



Date: 27.JUL.2020 19:50:54

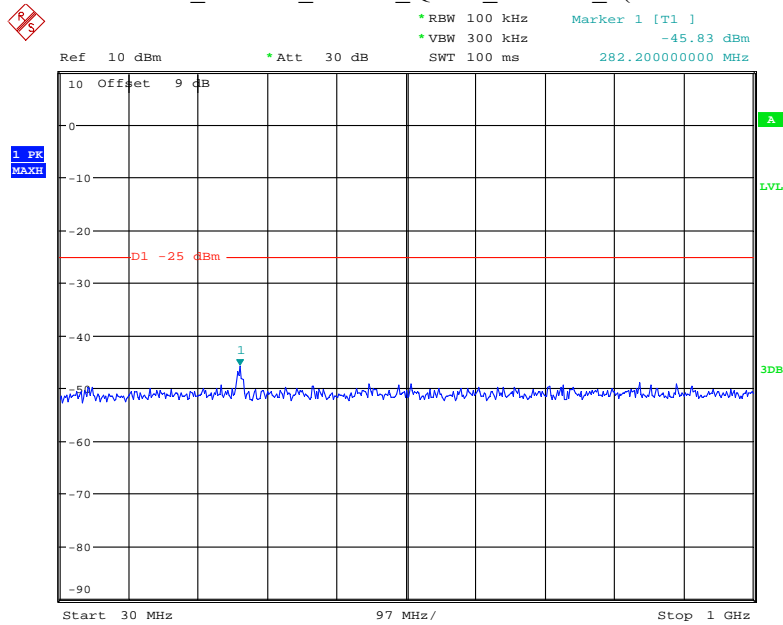
Band 38\_10 MHz\_Middle\_QPSK\_RB50#0\_2(1GHz-26.5GHz)

Fundamental



Date: 27.JUL.2020 19:51:06

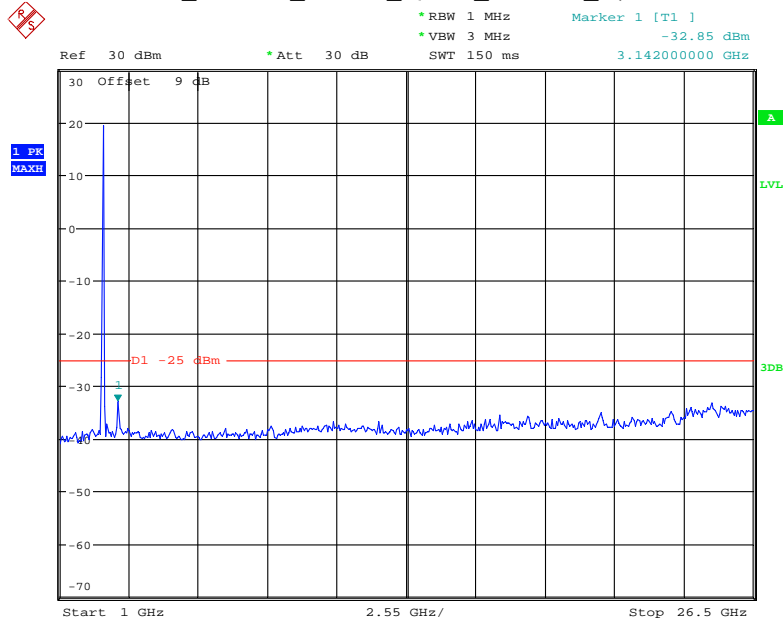
### Band 38\_15 MHz\_Middle\_QPSK\_RB75#0\_1(30MHz-1GHz)



Date: 27.JUL.2020 19:51:28

### Band 38\_15 MHz\_Middle\_QPSK\_RB75#0\_2(1GHz-26.5GHz)

Fundamental



Date: 27.JUL.2020 19:51:39