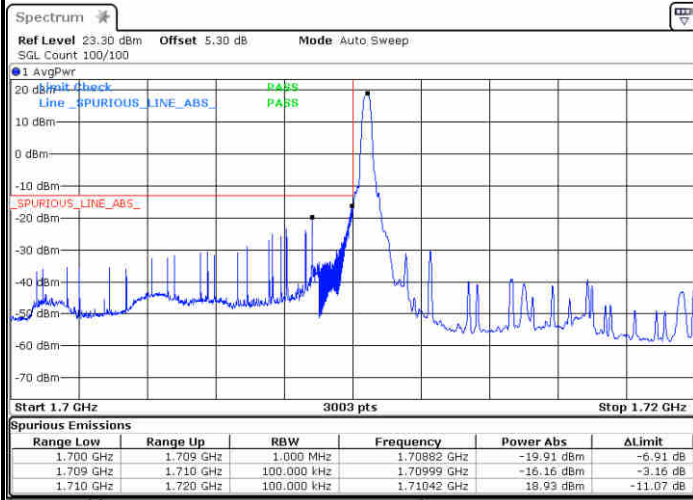


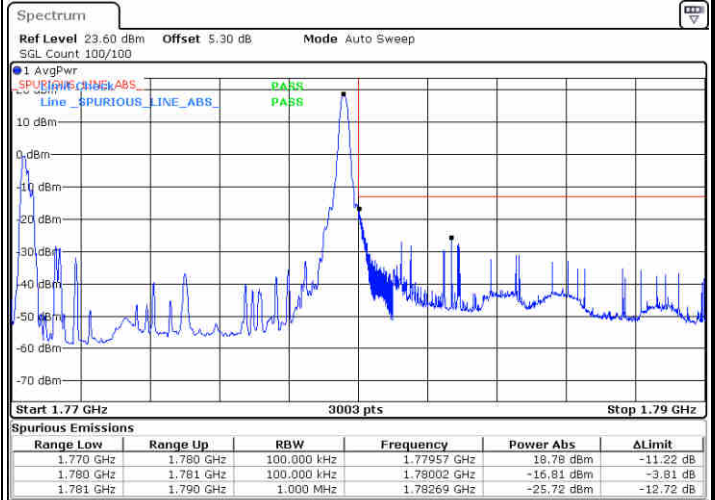


EN-DC\_12A\_n66A / LTE 10MHz + NR 10MHz / BPSK

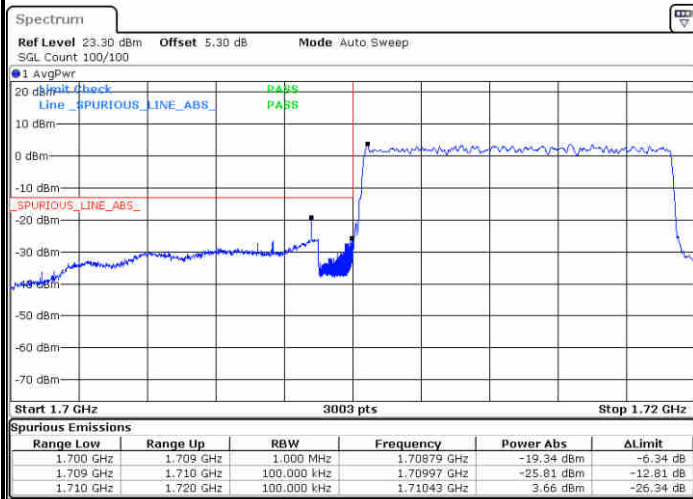
Lowest Band Edge / 1RB0



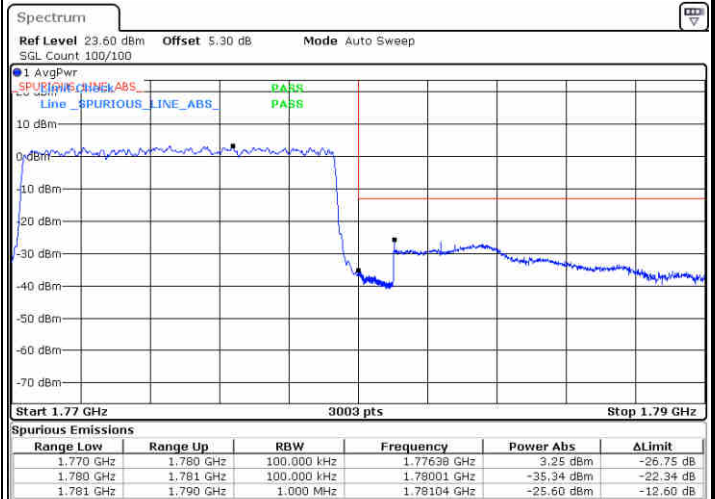
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



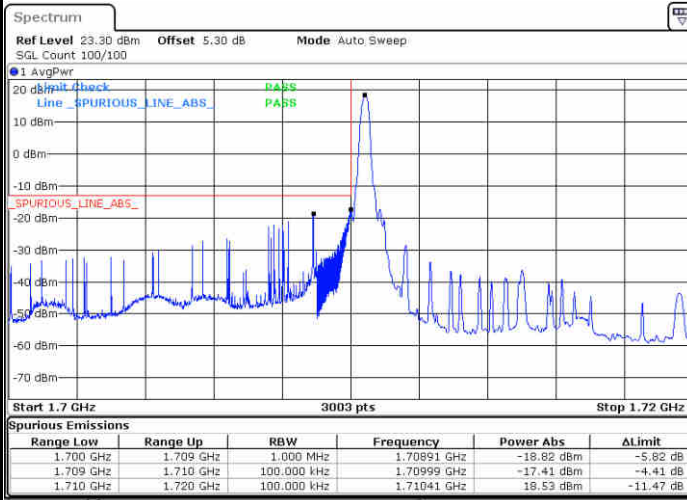
Highest Band Edge / 50RB0



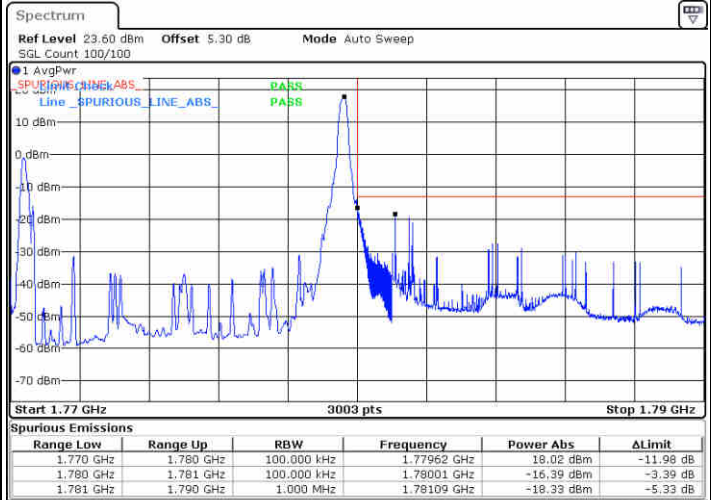


EN-DC\_12A\_n66A / LTE 10MHz + NR 10MHz / QPSK

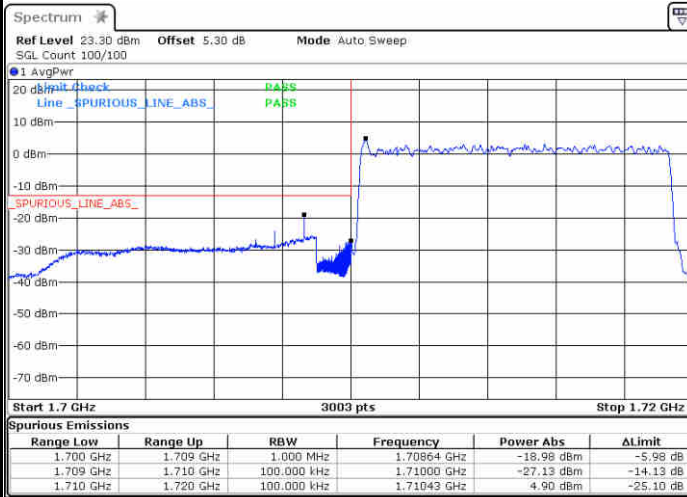
Lowest Band Edge / 1RB0



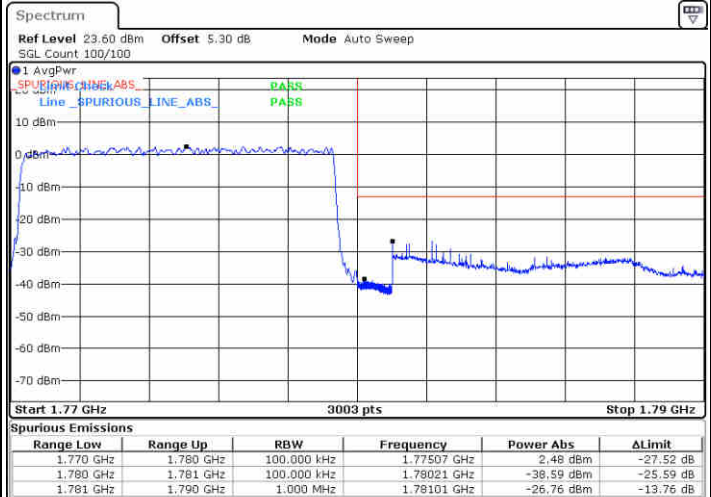
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



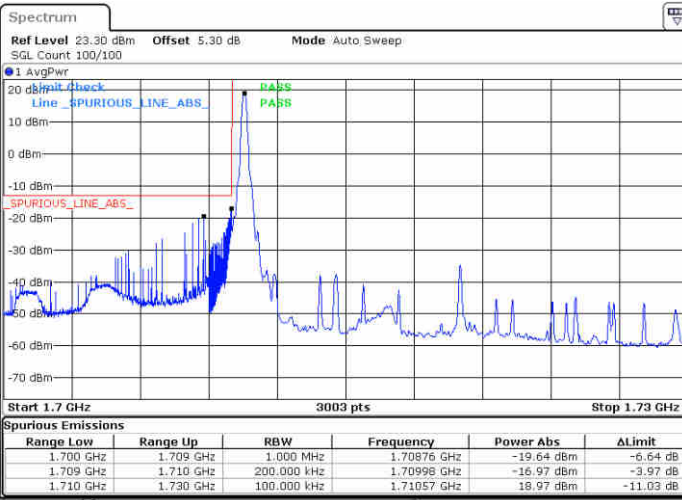
Highest Band Edge / 50RB0





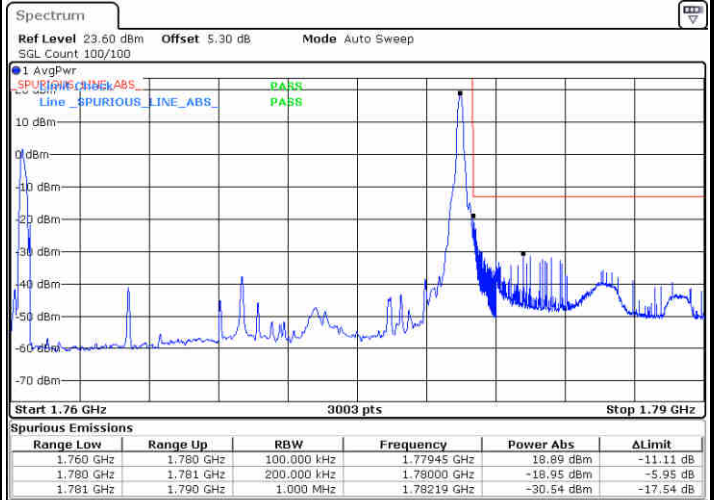
EN-DC\_12A\_n66A / LTE 10MHz + NR 20MHz / BPSK

Lowest Band Edge / 1RB0



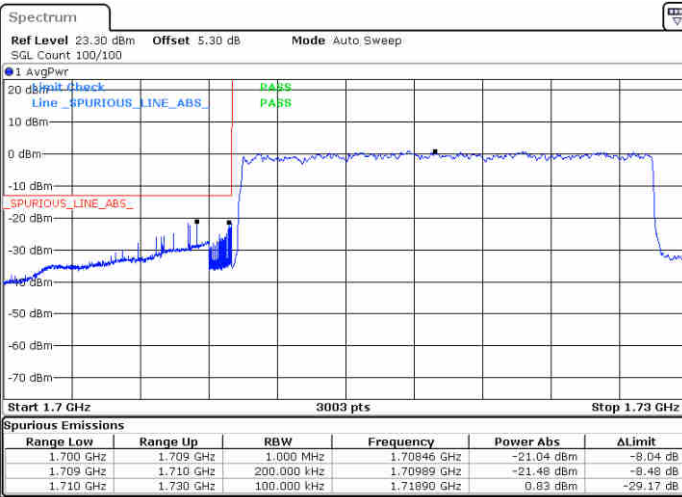
Date: 26.FEB.2020 03:52:15

Highest Band Edge / 1RB105



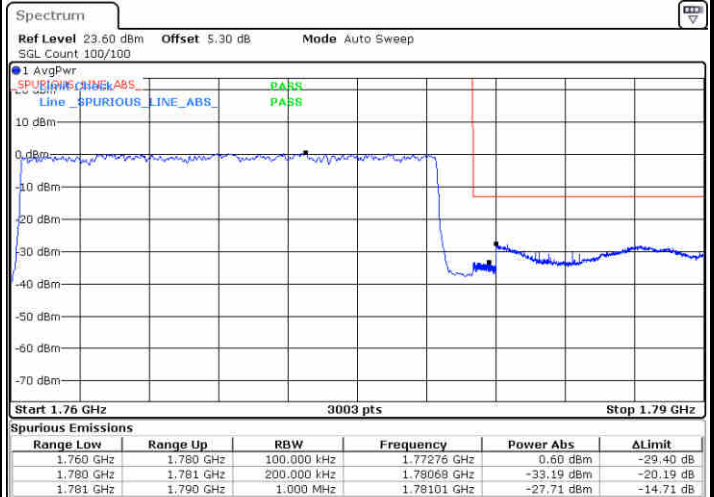
Date: 26.FEB.2020 04:15:45

Lowest Band Edge / 100RB0



Date: 26.FEB.2020 04:09:31

Highest Band Edge / 100RB0



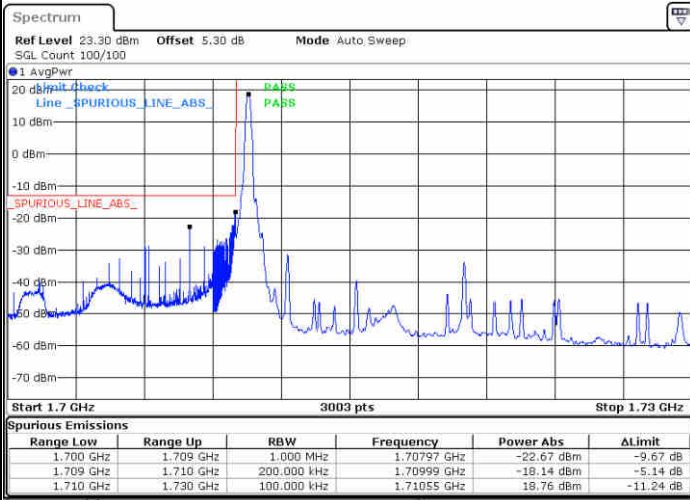
Date: 26.FEB.2020 04:13:57



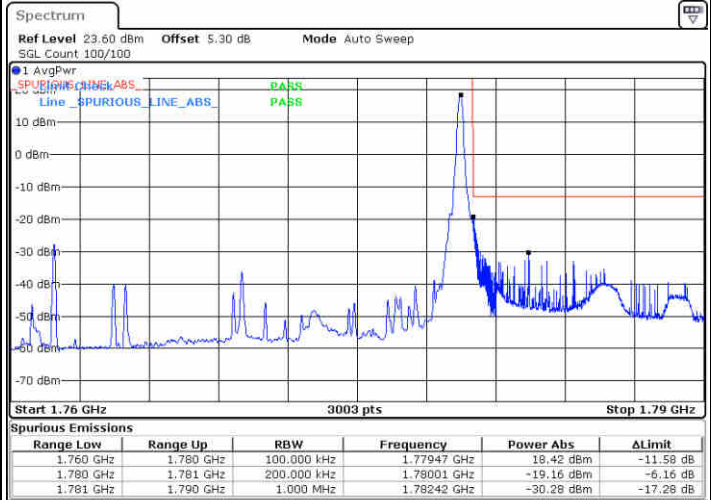
EN-DC\_12A\_n66A / LTE 10MHz + NR 20MHz / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RB105



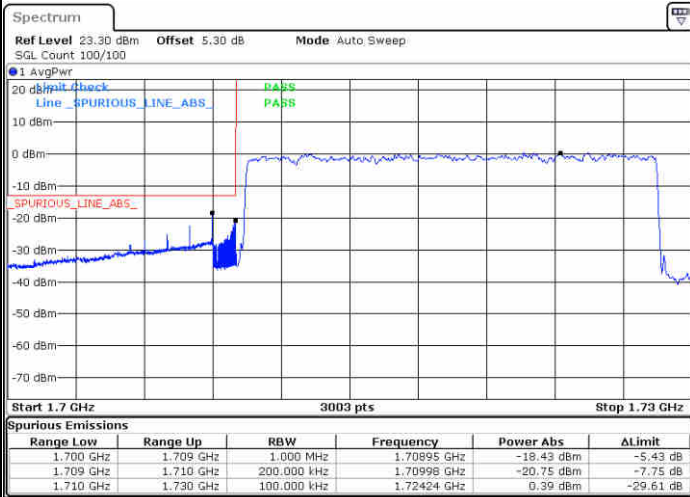
Date: 26.FEB.2020 03:51:34



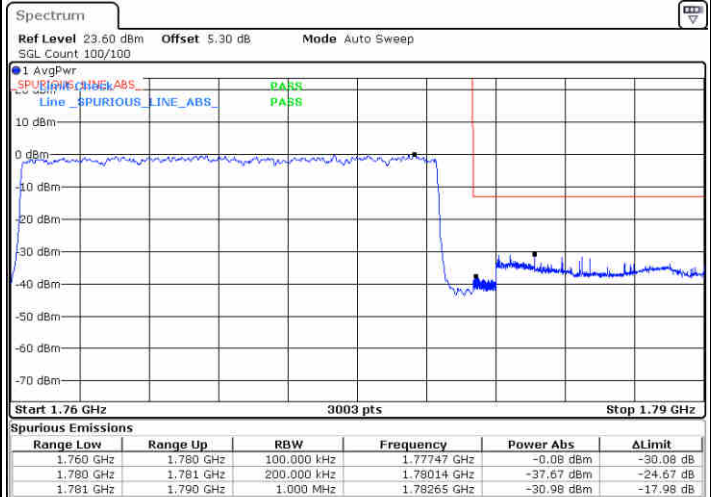
Date: 26.FEB.2020 04:15:29

Lowest Band Edge / 100RB0

Highest Band Edge / 100RB0



Date: 26.FEB.2020 04:09:50

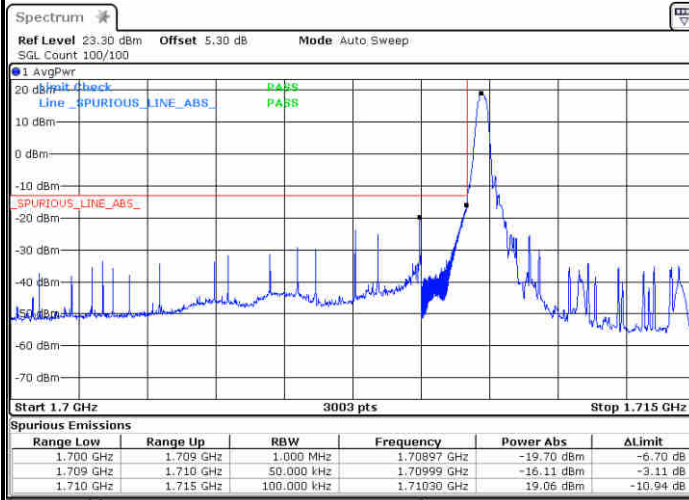


Date: 26.FEB.2020 04:15:05



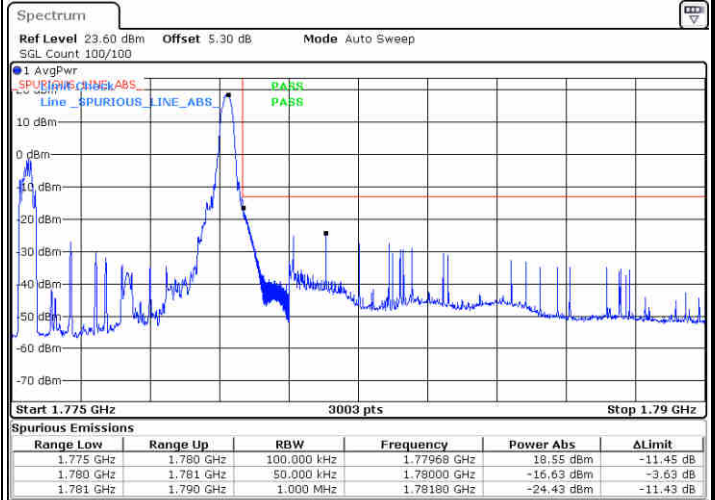
EN-DC\_13A\_n66A / LTE 10MHz + NR 5MHz / BPSK

Lowest Band Edge / 1RB0



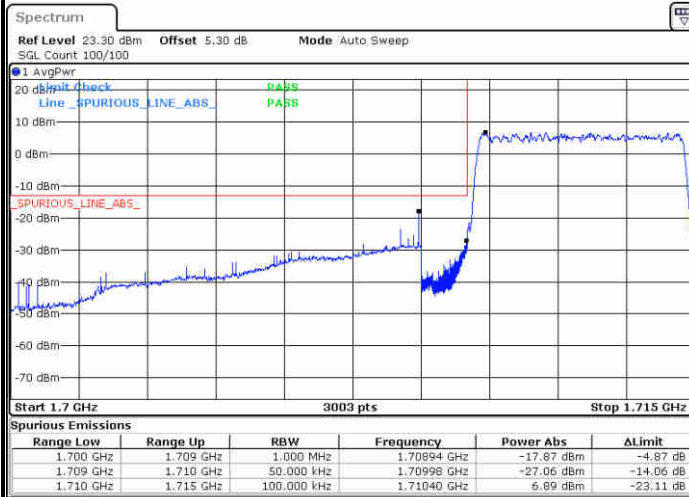
Date: 27.FEB.2020 09:21:20

Highest Band Edge / 1RB24



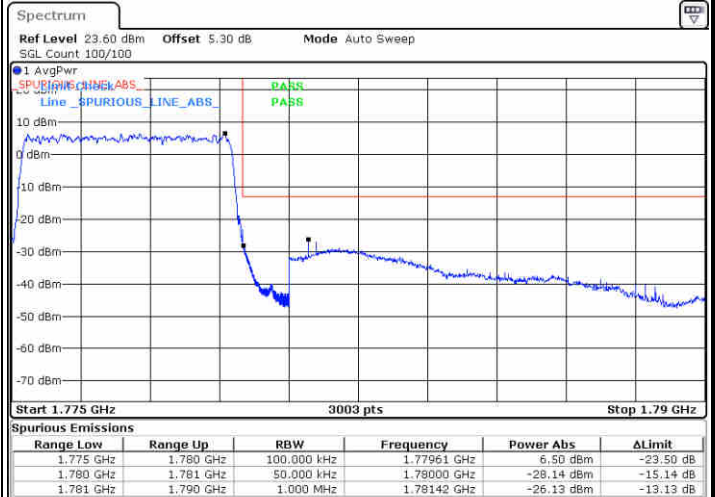
Date: 27.FEB.2020 09:51:59

Lowest Band Edge / 25RB0



Date: 27.FEB.2020 09:22:02

Highest Band Edge / 25RB0



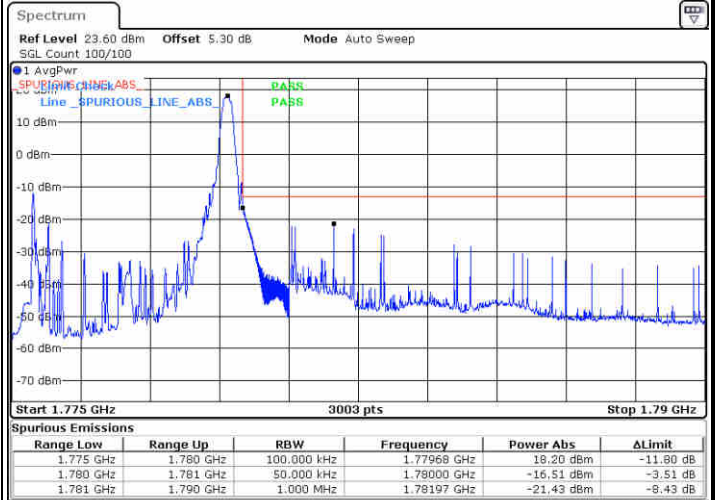
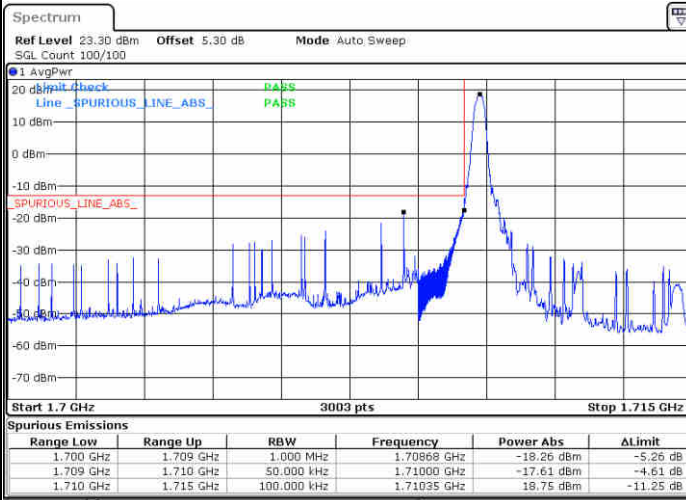
Date: 27.FEB.2020 09:53:03



EN-DC\_13A\_n66A / LTE 10MHz + NR 5MHz / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RB24

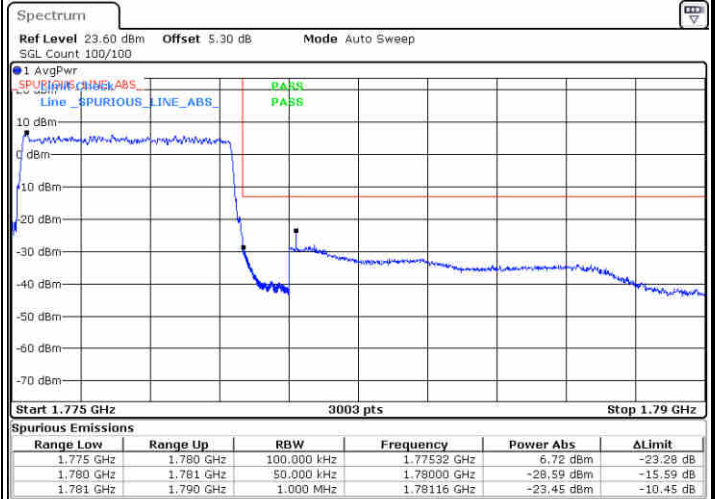
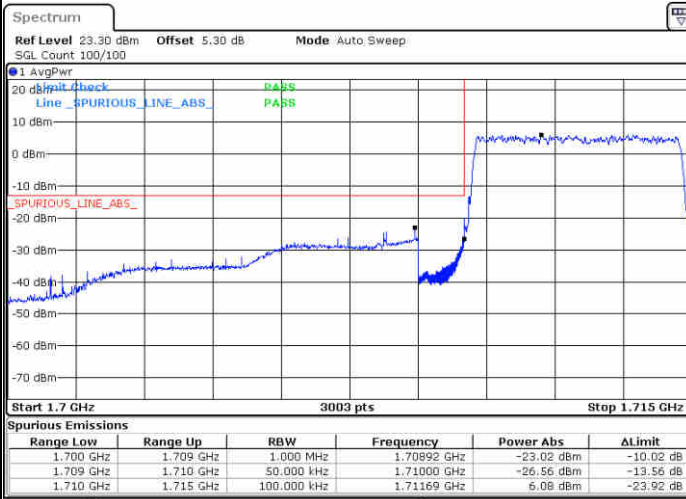


Date: 27.FEB.2020 09:09:05

Date: 27.FEB.2020 09:50:38

Lowest Band Edge / 25RB0

Highest Band Edge / 25RB0



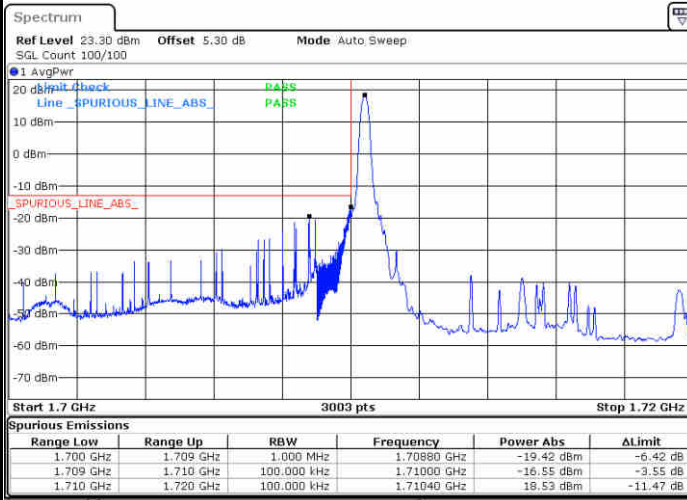
Date: 27.FEB.2020 09:22:30

Date: 27.FEB.2020 09:54:40



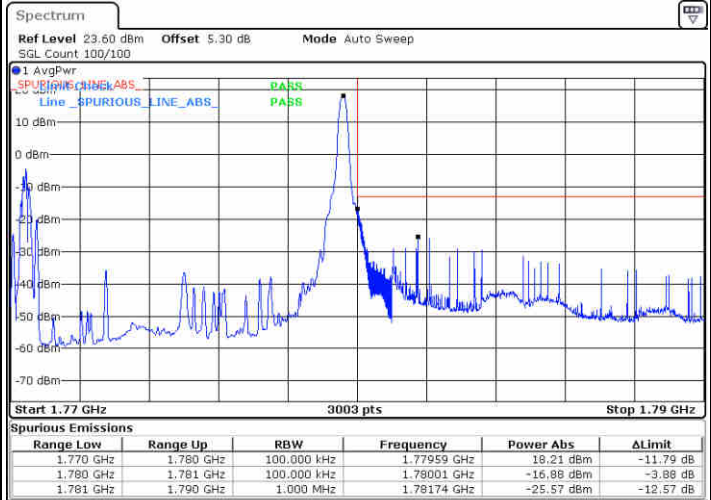
EN-DC\_13A\_n66A / LTE 10MHz + NR 10MHz / BPSK

Lowest Band Edge / 1RB0



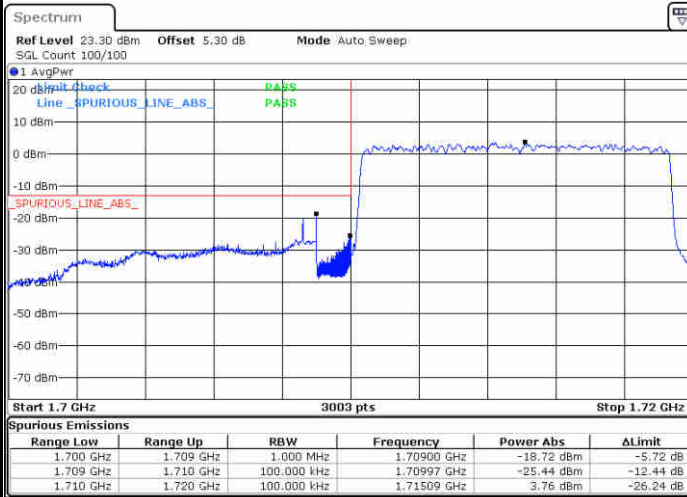
Date: 26.FEB.2020 11:45:14

Highest Band Edge / 1RB51



Date: 26.FEB.2020 12:25:03

Lowest Band Edge / 50RB0



Date: 26.FEB.2020 12:04:32

Highest Band Edge / 50RB0

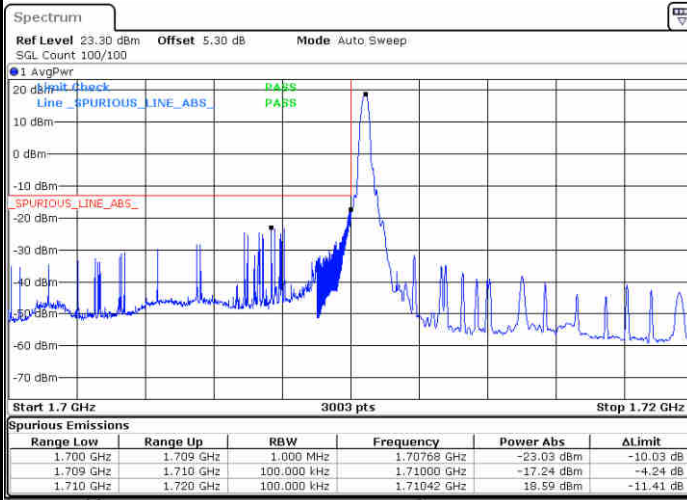


Date: 26.FEB.2020 12:25:16



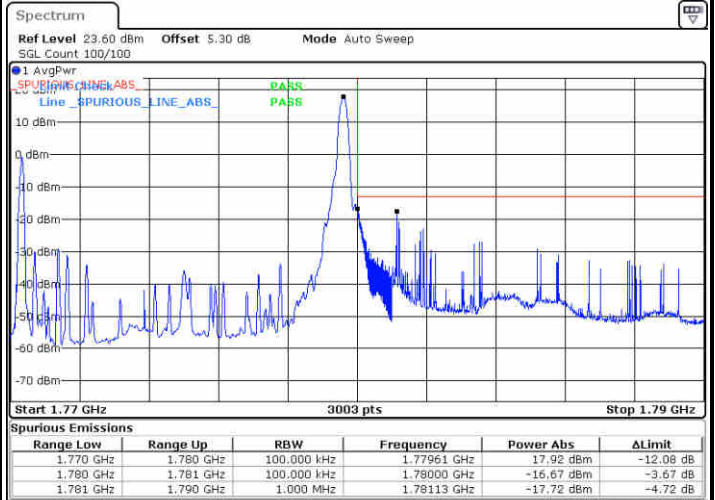
EN-DC\_13A\_n66A / LTE 10MHz + NR 10MHz / QPSK

Lowest Band Edge / 1RB0



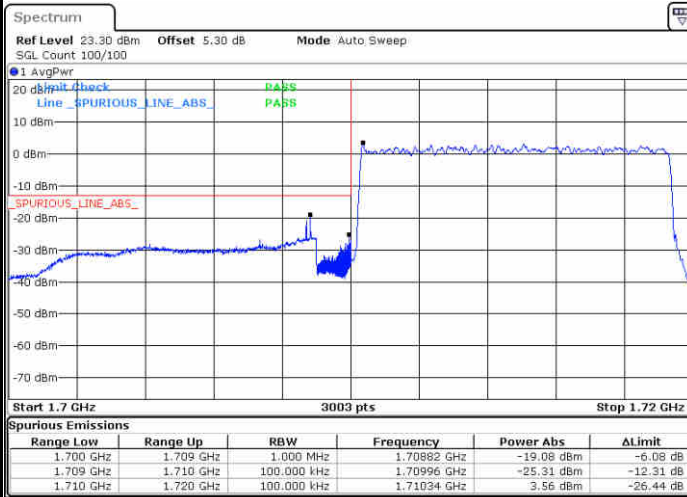
Date: 26.FEB.2020 11:44:31

Highest Band Edge / 1RB51



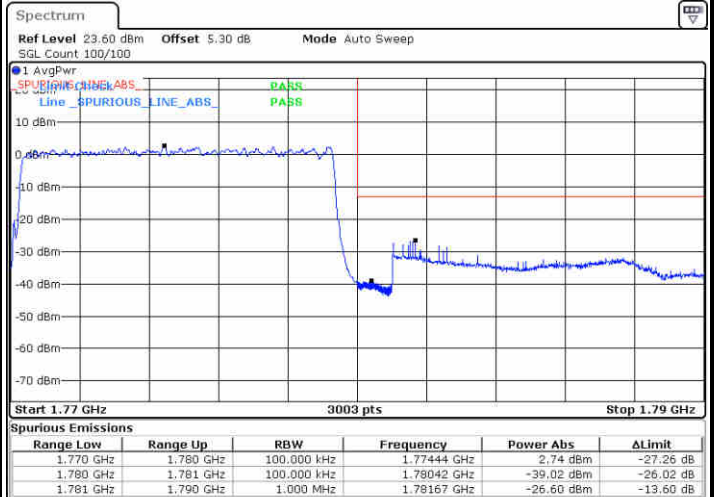
Date: 26.FEB.2020 12:25:24

Lowest Band Edge / 50RB0



Date: 26.FEB.2020 12:04:05

Highest Band Edge / 50RB0



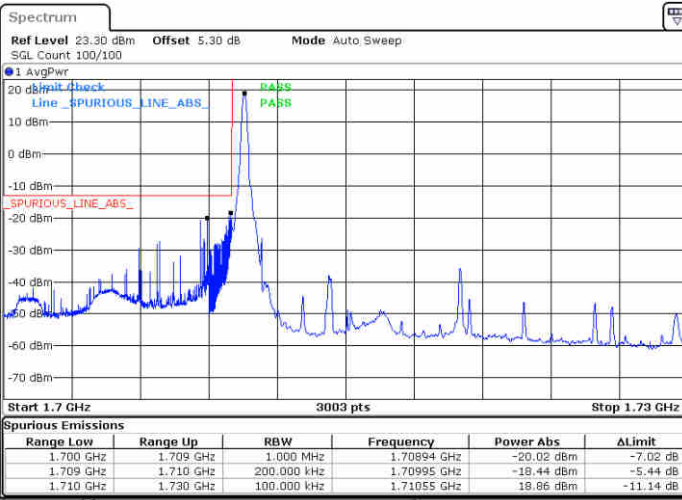
Date: 26.FEB.2020 12:25:36





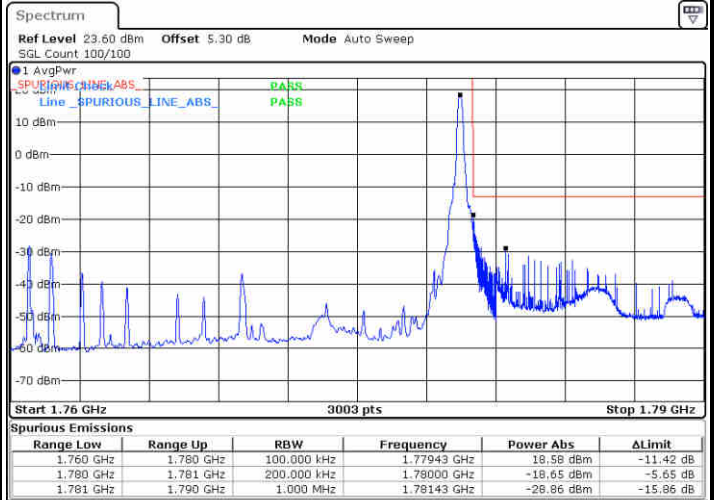
EN-DC\_13A\_n66A / LTE 10MHz + NR 20MHz / BPSK

Lowest Band Edge / 1RB0



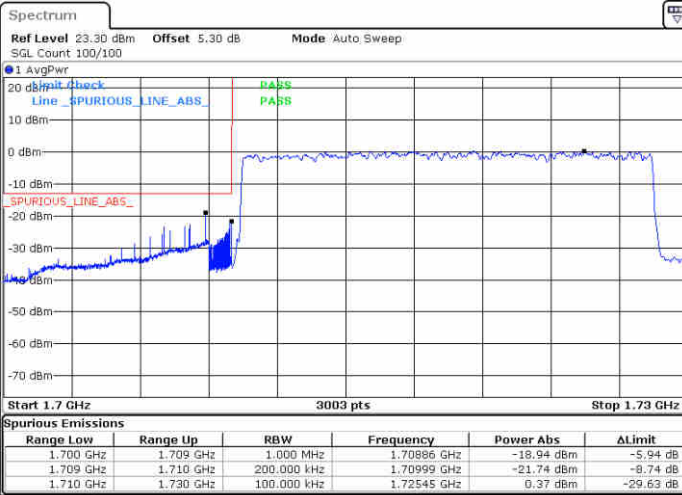
Date: 26.FEB.2020 10:47:33

Highest Band Edge / 1RB105



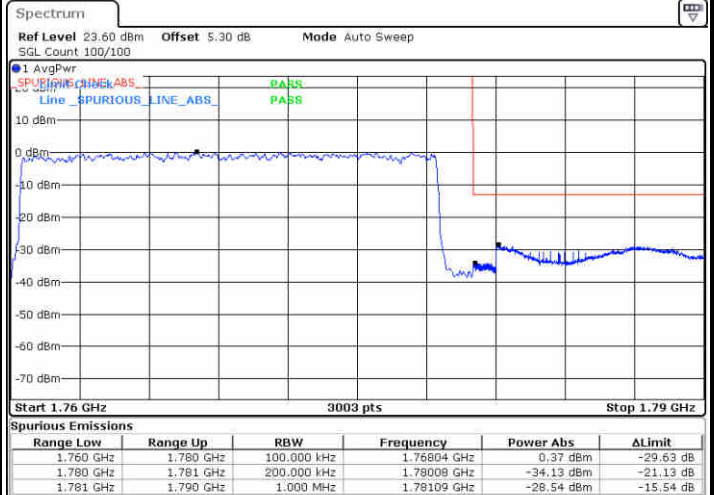
Date: 26.FEB.2020 11:33:06

Lowest Band Edge / 100RB0



Date: 26.FEB.2020 10:50:21

Highest Band Edge / 100RB0



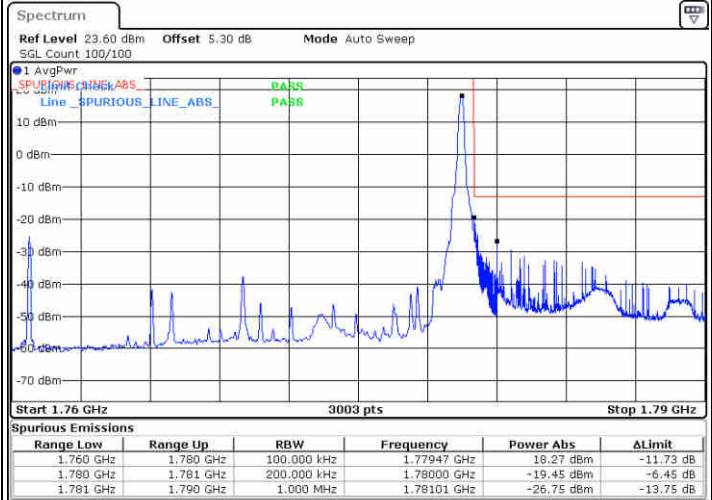
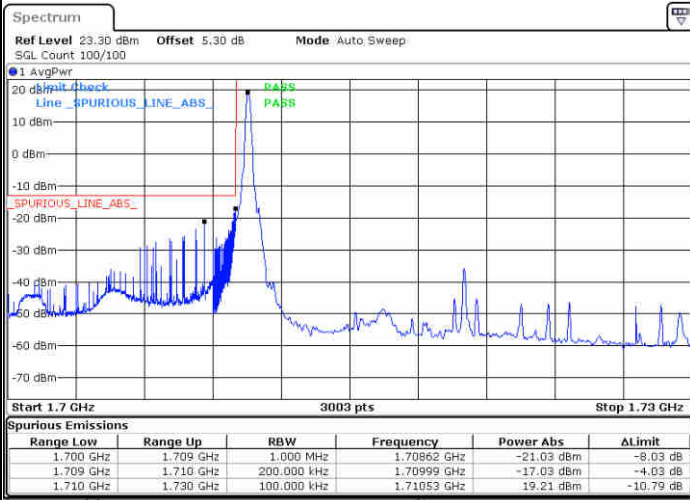
Date: 26.FEB.2020 11:04:06



EN-DC\_13A\_n66A / LTE 10MHz + NR 20MHz / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RB105

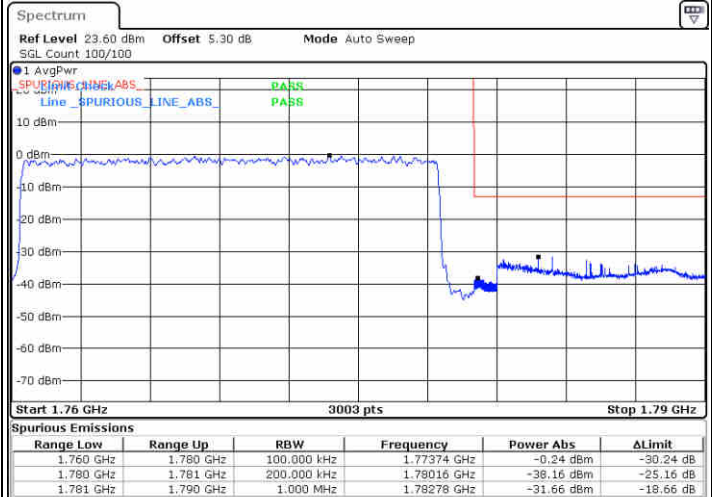
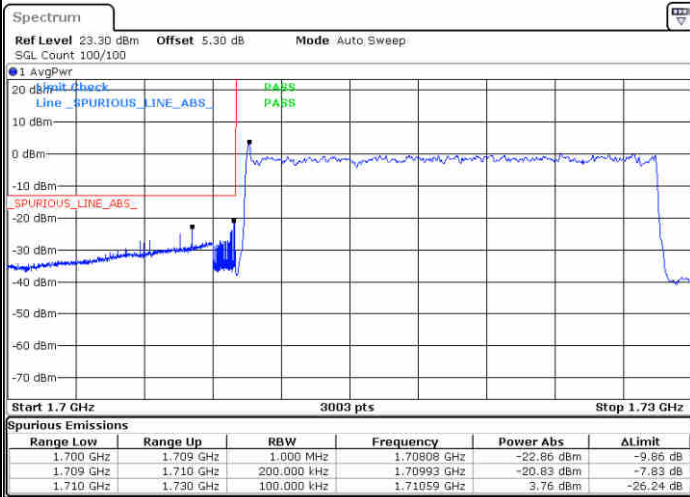


Date: 26.FEB.2020 10:47:06

Date: 26.FEB.2020 11:33:35

Lowest Band Edge / 100RB0

Highest Band Edge / 100RB0



Date: 26.FEB.2020 10:51:07

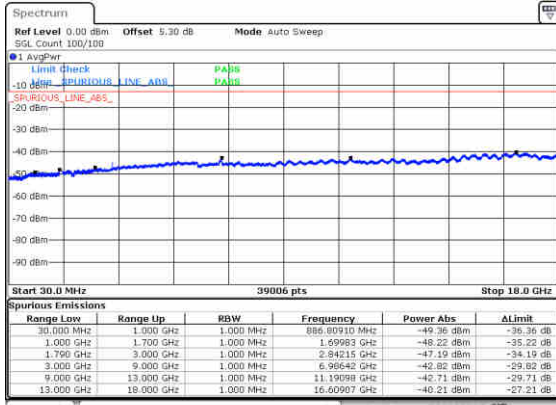
Date: 26.FEB.2020 11:05:44



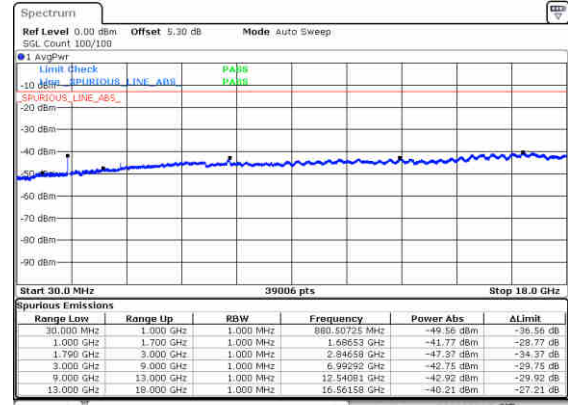
# Conducted Spurious Emission

## EN-DC\_5A\_n66A / LTE 10MHz + NR 5MHz

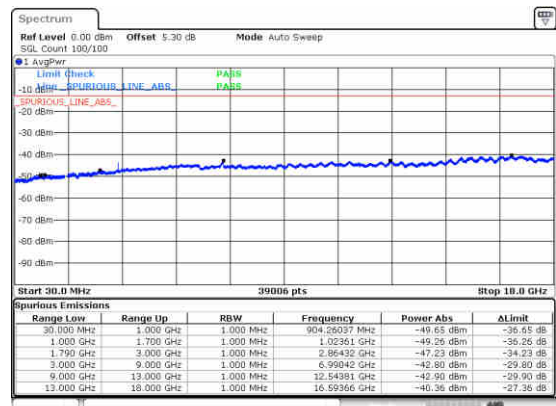
### Lowest Channel / BPSK



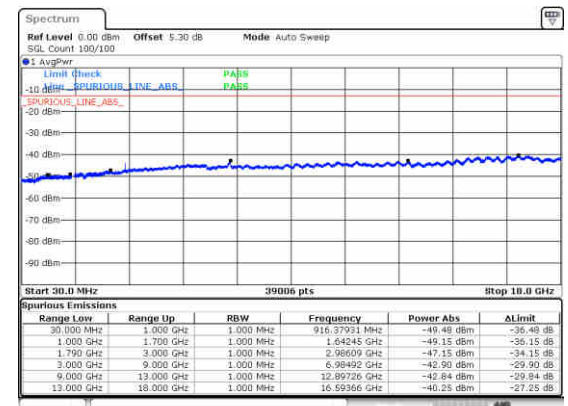
### Lowest Channel / QPSK



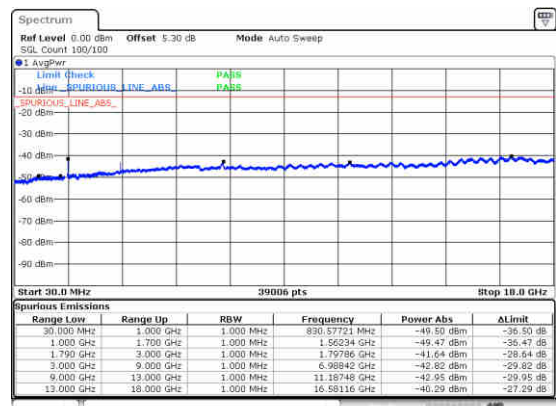
### Middle Channel / BPSK



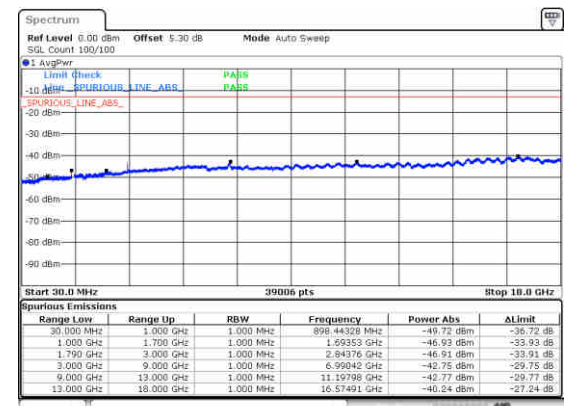
### Middle Channel / QPSK



### Highest Channel / BPSK



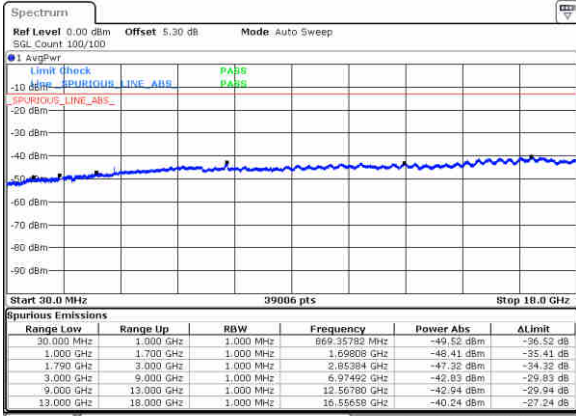
### Highest Channel / QPSK





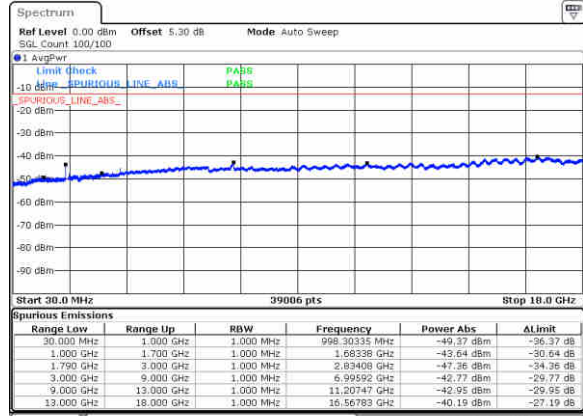
EN-DC\_5A\_n66A / LTE 10MHz + NR 10MHz

Lowest Channel / BPSK



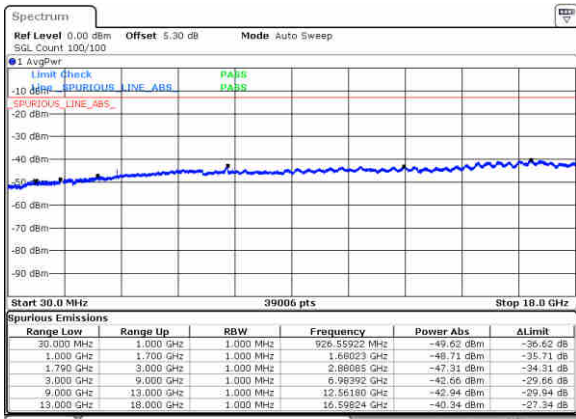
Date: 26.FEB.2020 00:21:33

Lowest Channel / QPSK



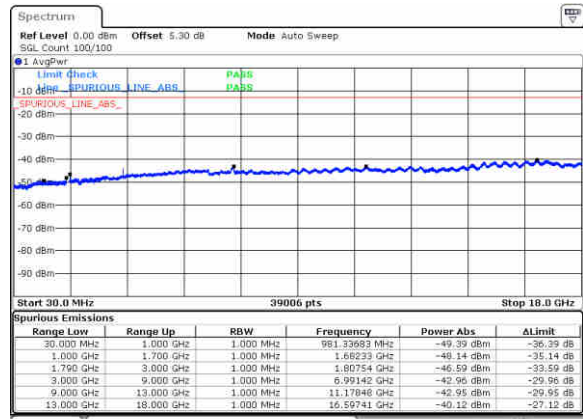
Date: 26.FEB.2020 00:26:00

Middle Channel / BPSK



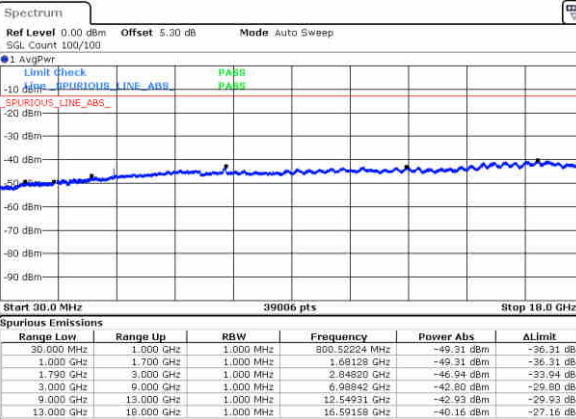
Date: 26.FEB.2020 00:31:27

Middle Channel / QPSK



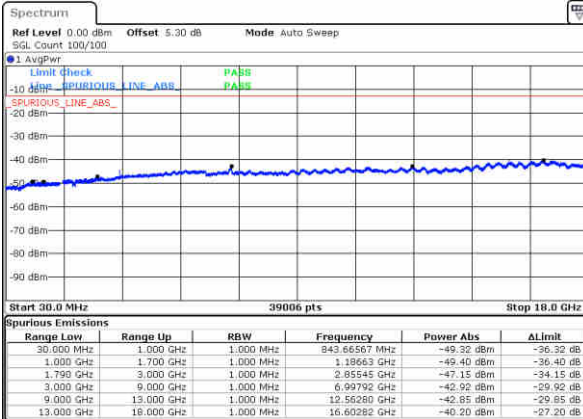
Date: 26.FEB.2020 00:33:59

Highest Channel / BPSK



Date: 26.FEB.2020 01:02:43

Highest Channel / QPSK

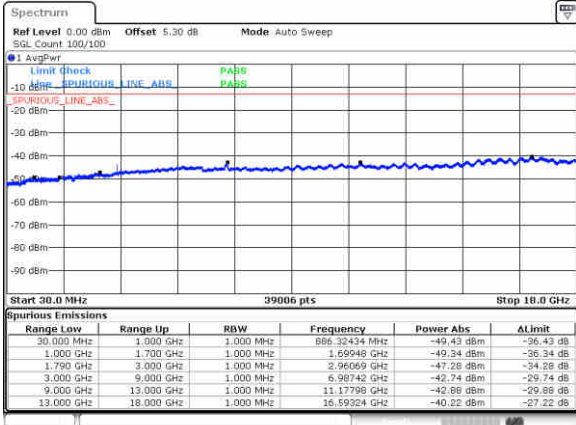


Date: 26.FEB.2020 01:05:43

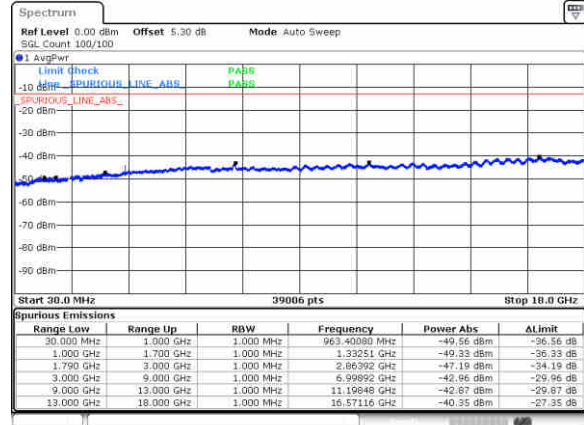


EN-DC\_5A\_n66A / LTE 10MHz + NR 20MHz

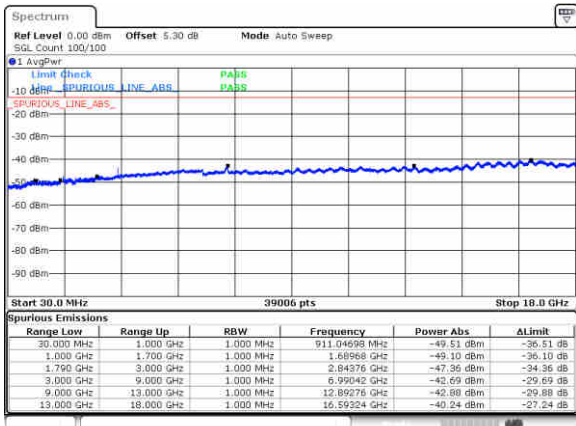
Lowest Channel / BPSK



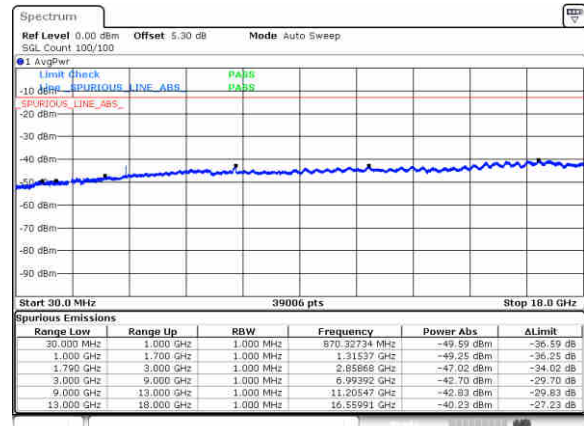
Lowest Channel / QPSK



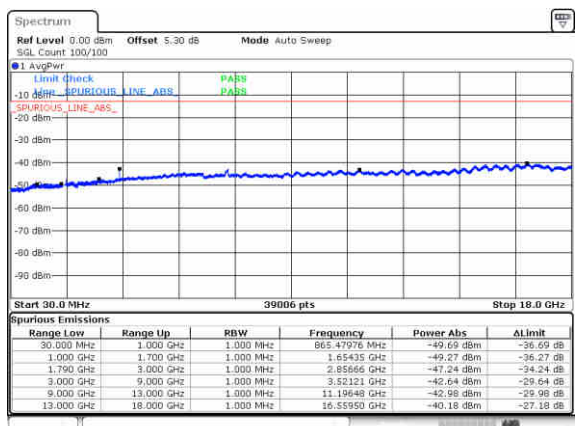
Middle Channel / BPSK



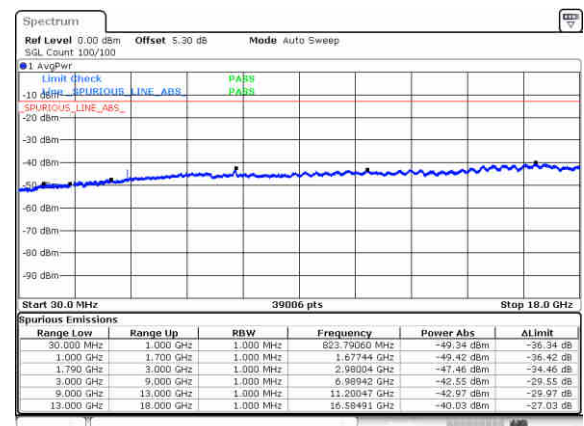
Middle Channel / QPSK



Highest Channel / BPSK



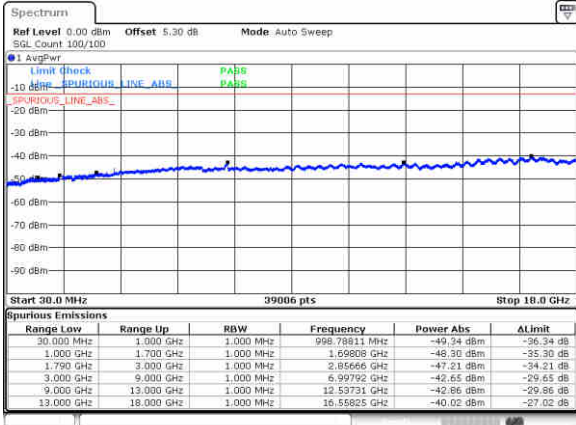
Highest Channel / QPSK



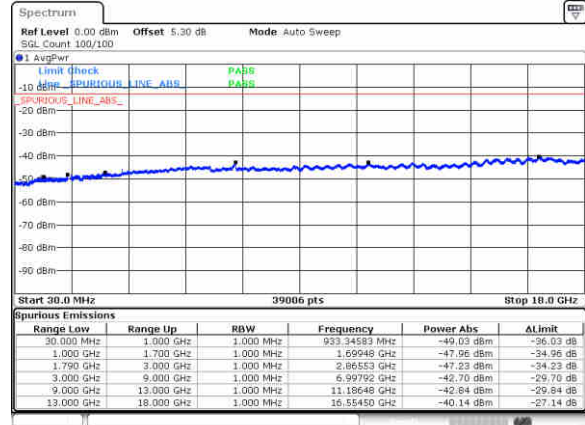


EN-DC\_12A\_n66A / LTE 10MHz + NR 5MHz

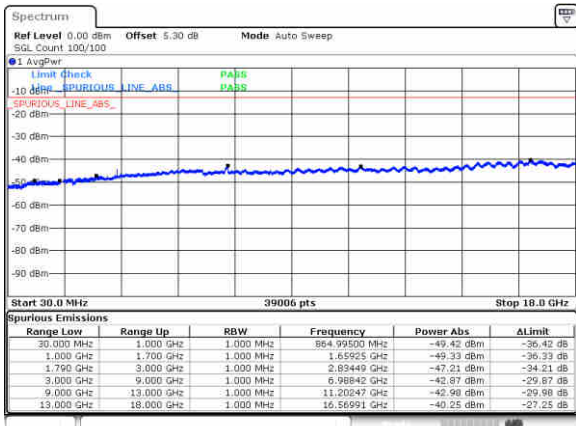
Lowest Channel / BPSK



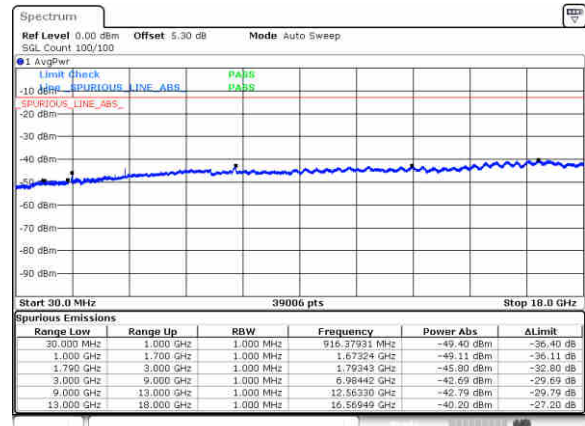
Lowest Channel / QPSK



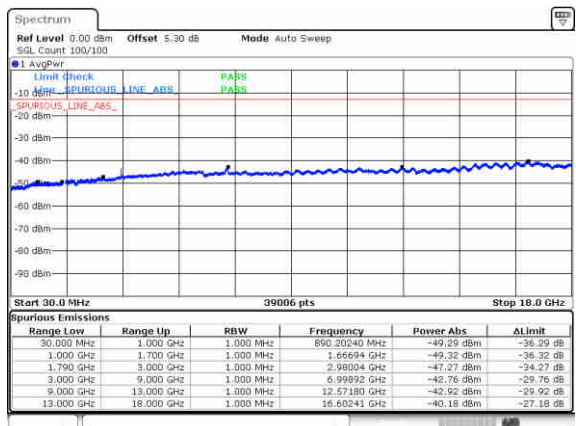
Middle Channel / BPSK



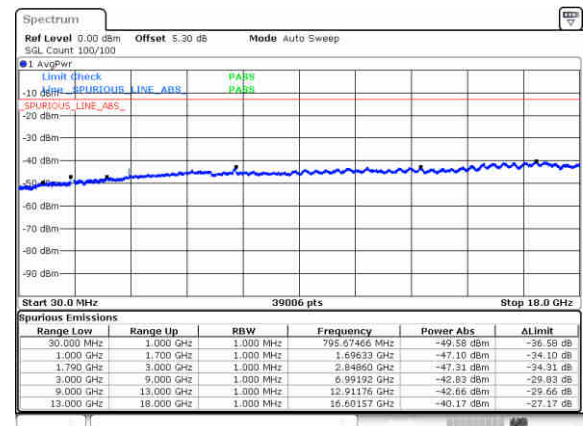
Middle Channel / QPSK



Highest Channel / BPSK



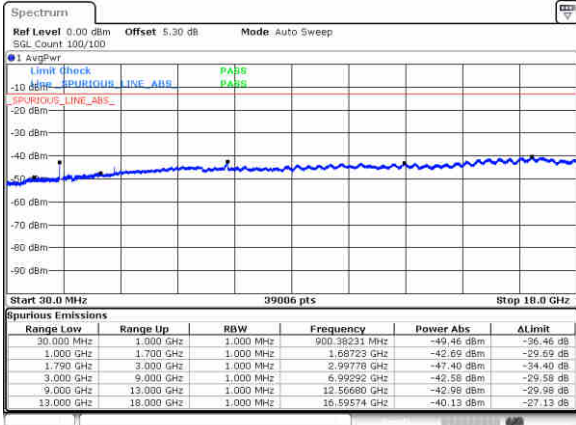
Highest Channel / QPSK



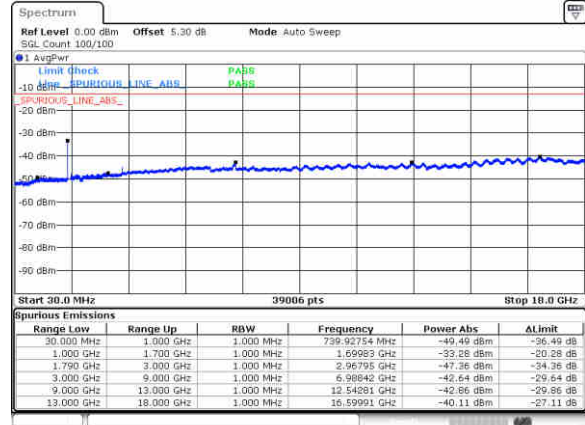


EN-DC\_12A\_n66A / LTE 10MHz + NR 10MHz

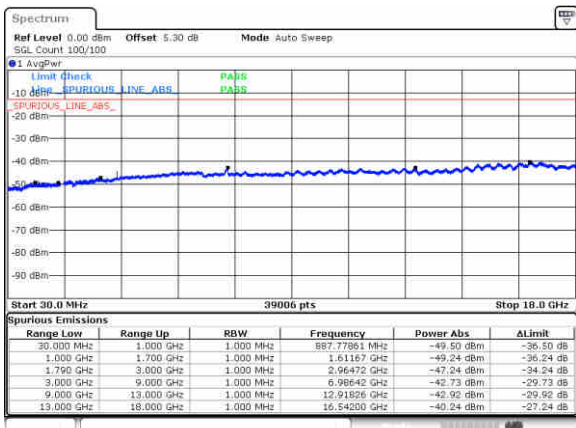
Lowest Channel / BPSK



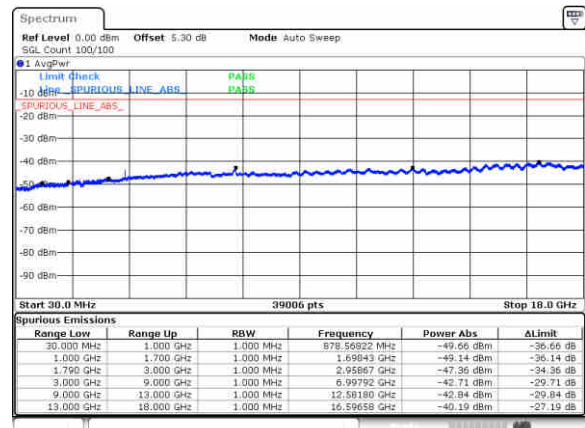
Lowest Channel / QPSK



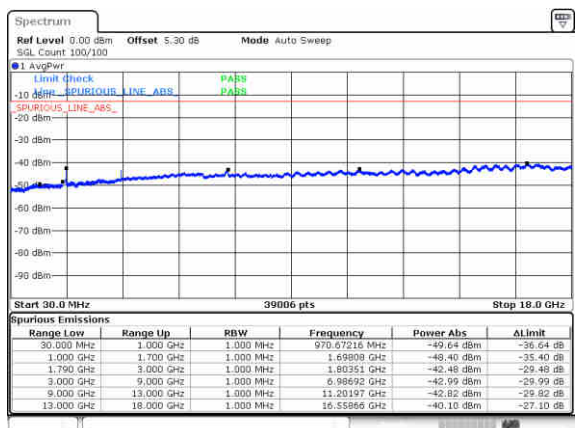
Middle Channel / BPSK



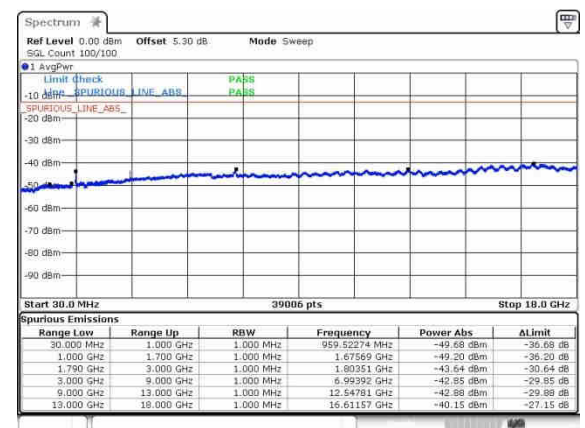
Middle Channel / QPSK



Highest Channel / BPSK



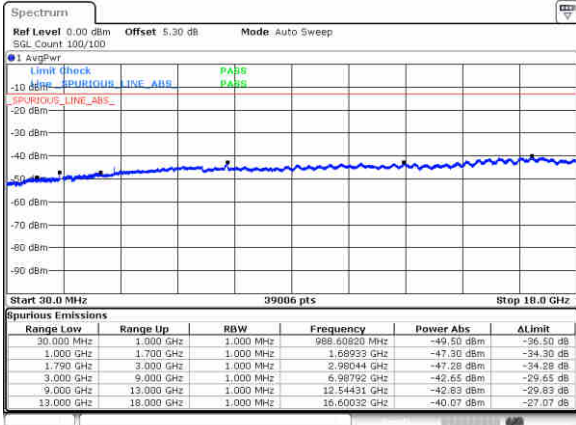
Highest Channel / QPSK



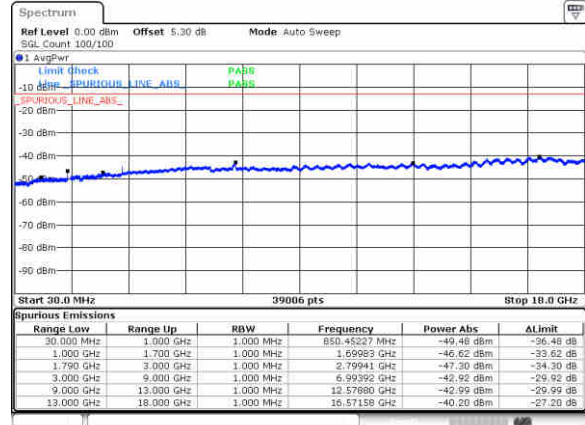


EN-DC\_12A\_n66A / LTE 10MHz + NR 20MHz

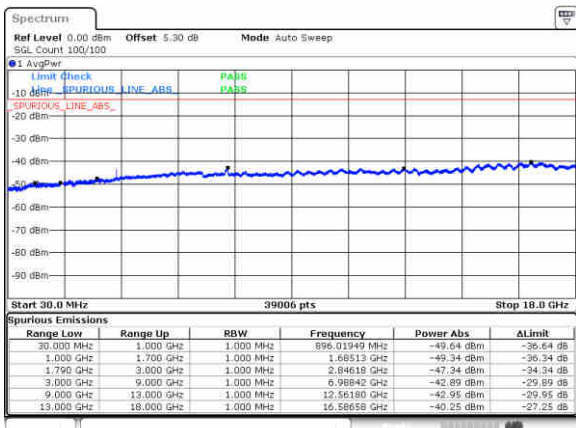
Lowest Channel / BPSK



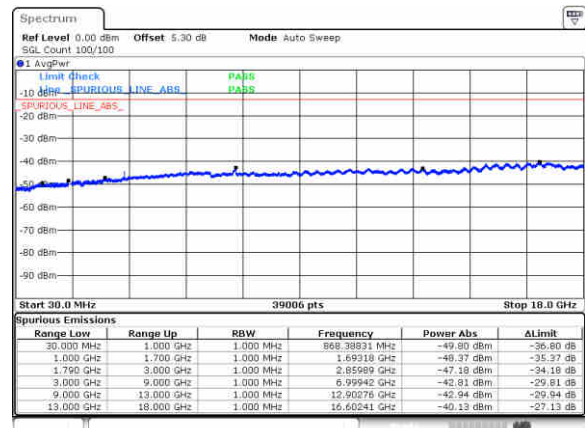
Lowest Channel / QPSK



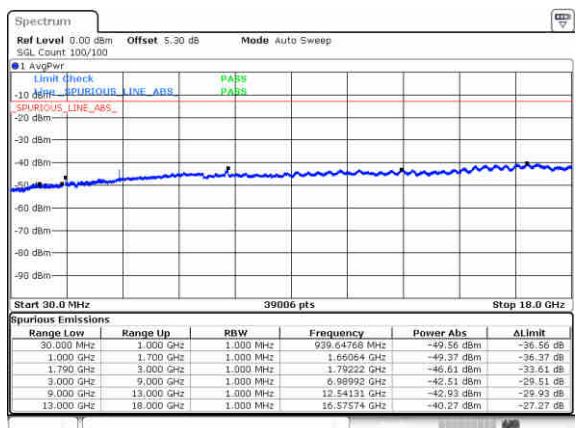
Middle Channel / BPSK



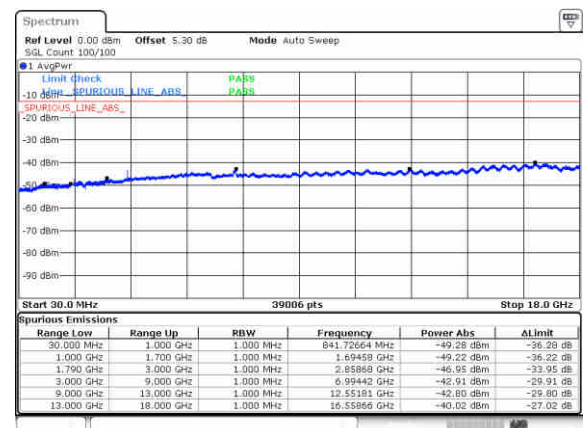
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

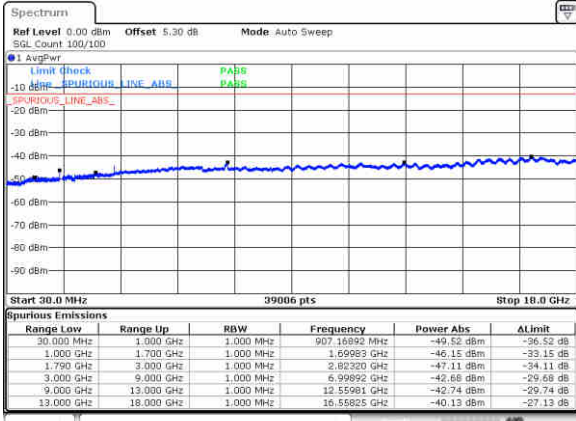






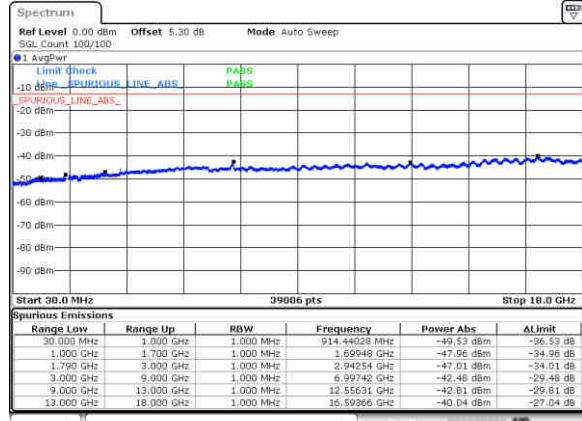
EN-DC\_13A\_n66A / LTE 10MHz + NR 5MHz

Lowest Channel / BPSK



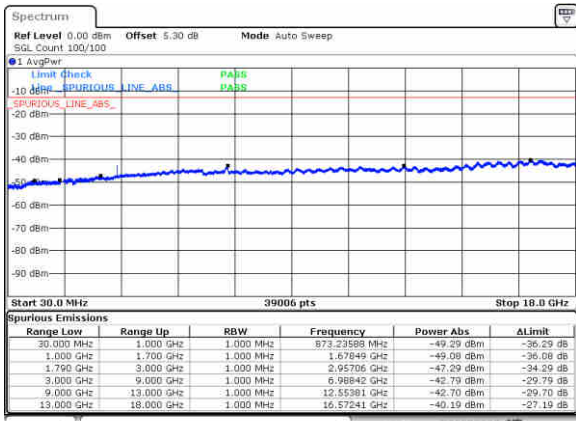
Date: 27.FEB.2020 09:06:27

Lowest Channel / QPSK



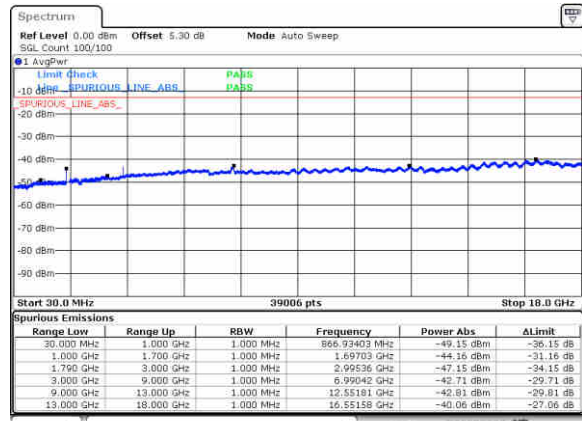
Date: 27.FEB.2020 09:09:46

Middle Channel / BPSK



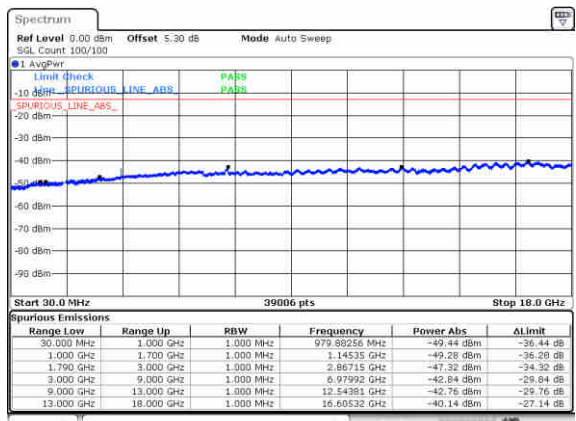
Date: 27.FEB.2020 09:13:57

Middle Channel / QPSK



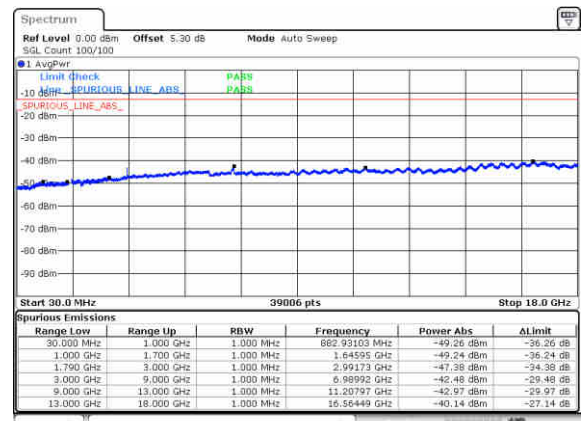
Date: 27.FEB.2020 09:14:20

Highest Channel / BPSK



Date: 27.FEB.2020 09:14:50

Highest Channel / QPSK

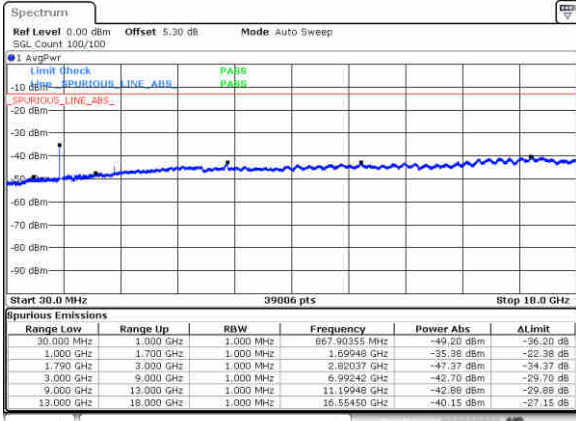


Date: 27.FEB.2020 09:15:13



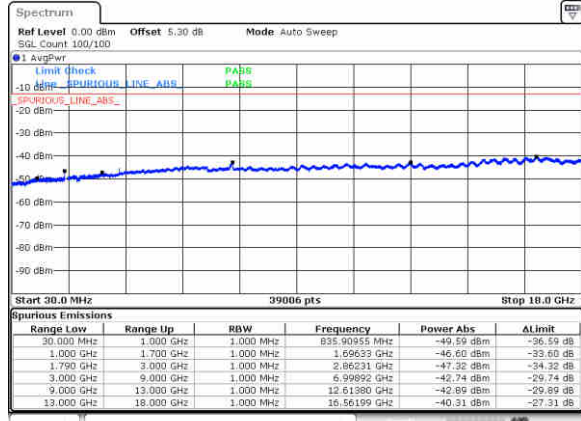
EN-DC\_13A\_n66A / LTE 10MHz + NR 10MHz

Lowest Channel / BPSK



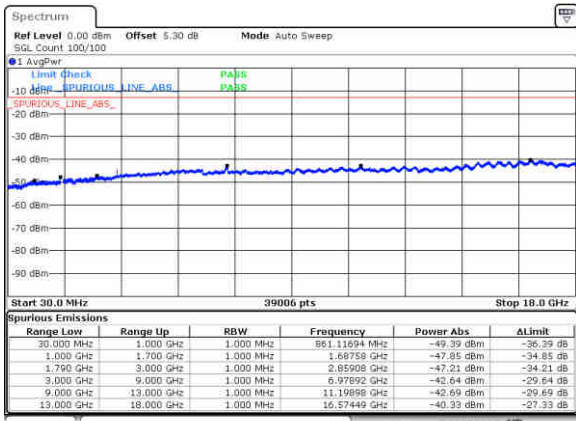
Date: 26.FEB.2020 11:47:09

Lowest Channel / QPSK



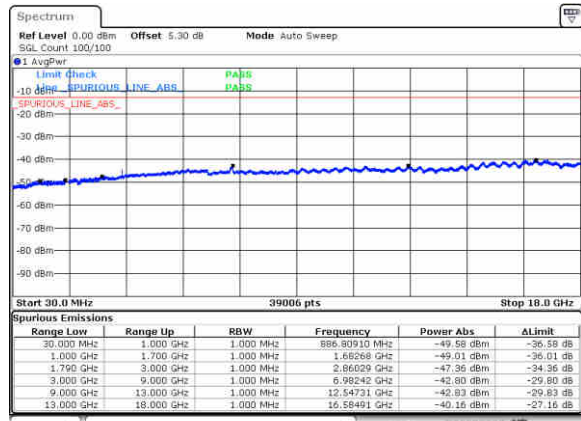
Date: 26.FEB.2020 11:44:13

Middle Channel / BPSK



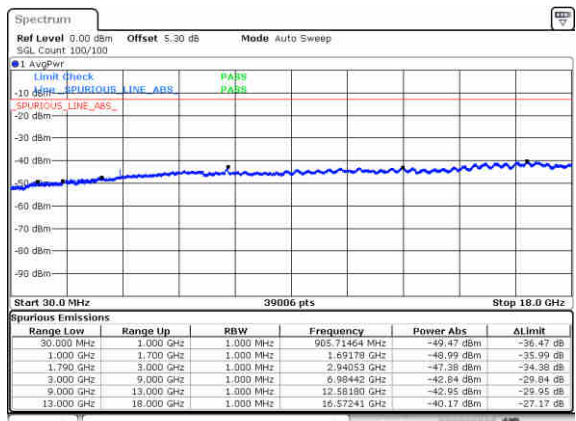
Date: 26.FEB.2020 12:11:21

Middle Channel / QPSK



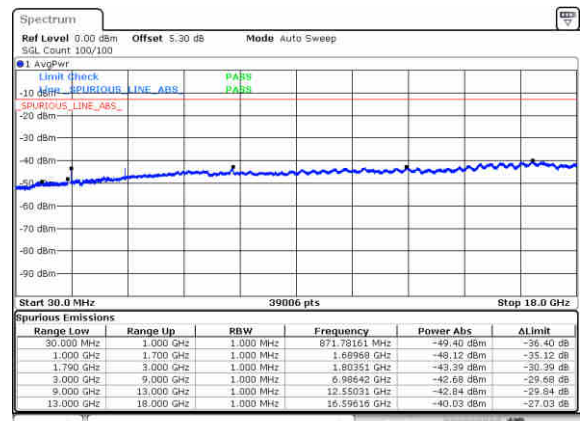
Date: 26.FEB.2020 12:14:40

Highest Channel / BPSK



Date: 26.FEB.2020 12:17:13

Highest Channel / QPSK

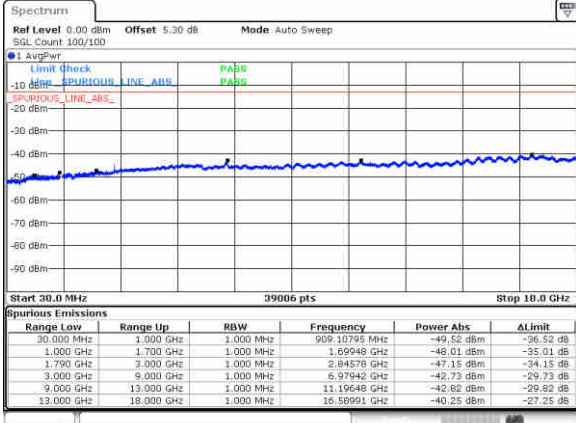


Date: 26.FEB.2020 12:19:30

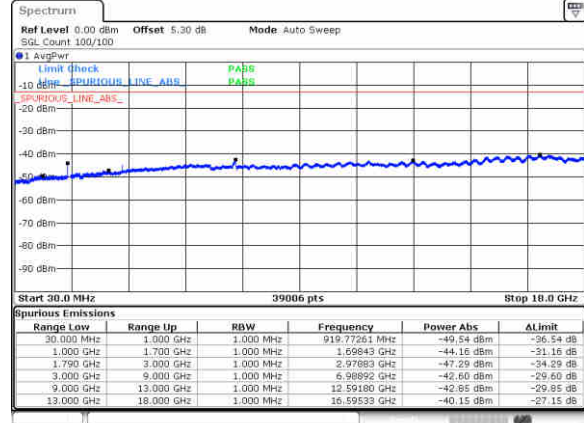


EN-DC\_13A\_n66A / LTE 10MHz + NR 20MHz

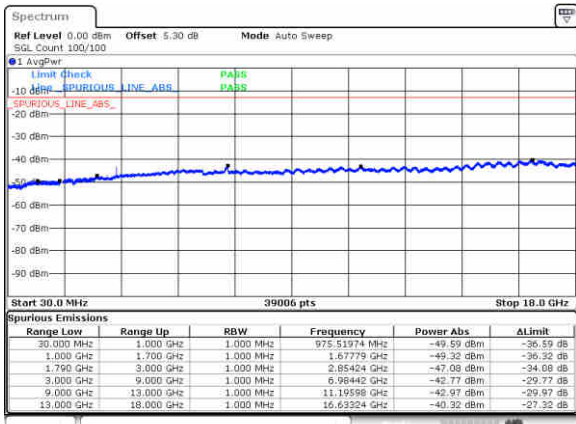
Lowest Channel / BPSK



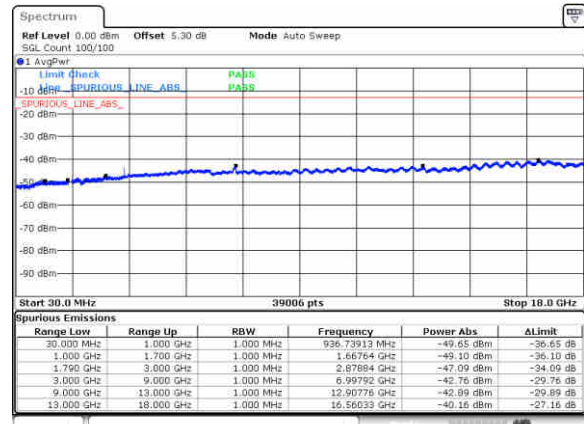
Lowest Channel / QPSK



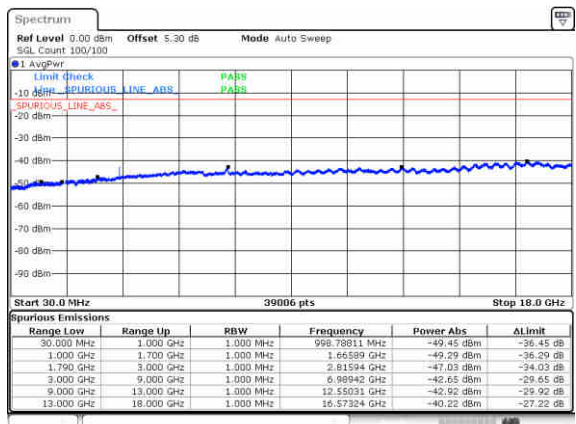
Middle Channel / BPSK



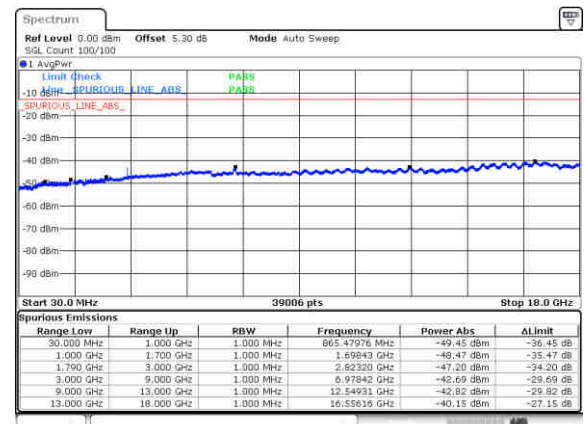
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		EN-DC_5A_n66A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	LTE 10MHz + NR 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0014	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0015	

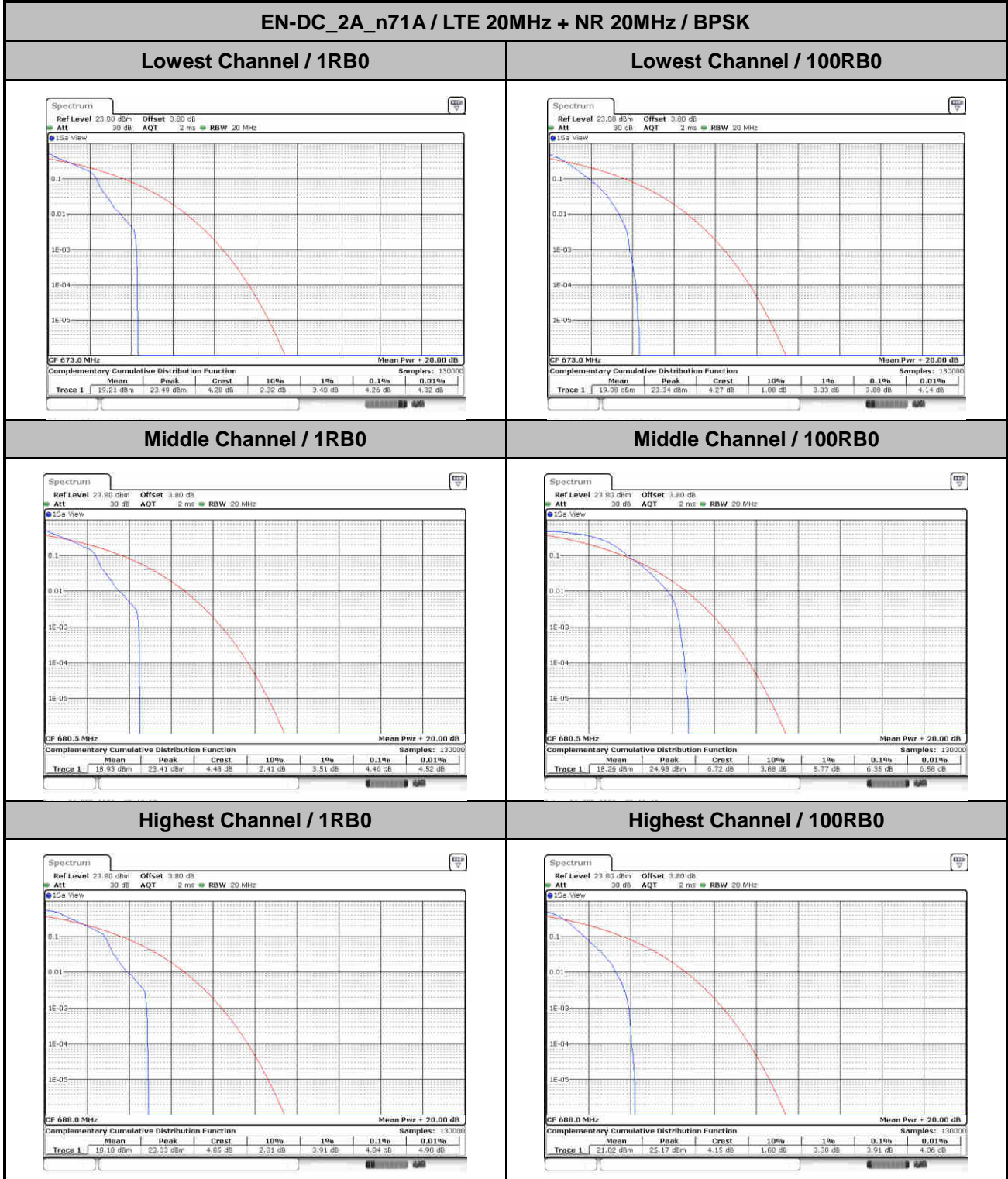
Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# 5G NR n71

## Peak-to-Average Ratio





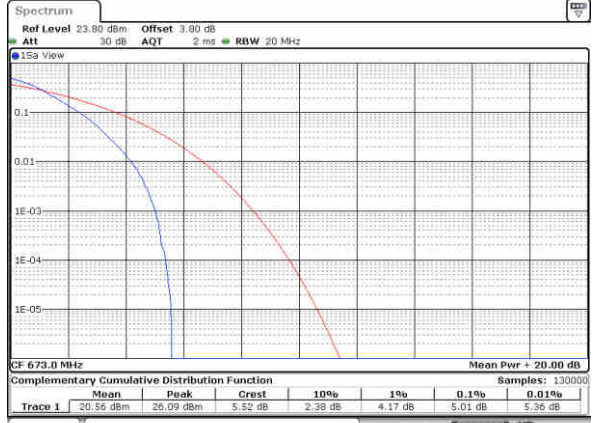
EN-DC\_2A\_n71A / LTE 20MHz + NR 20MHz / QPSK

Lowest Channel / 1RB0



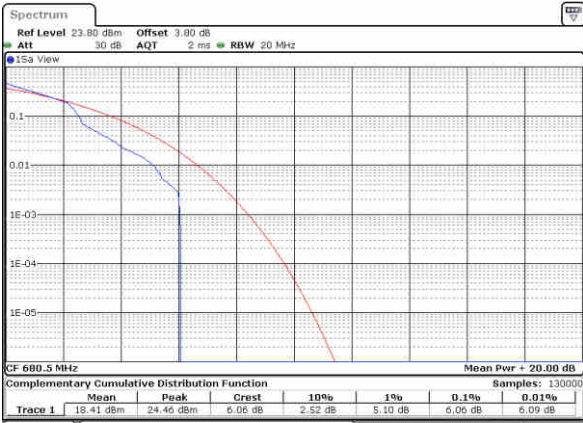
Date: 26.FEB.2020 07:31:55

Lowest Channel / 100RB0



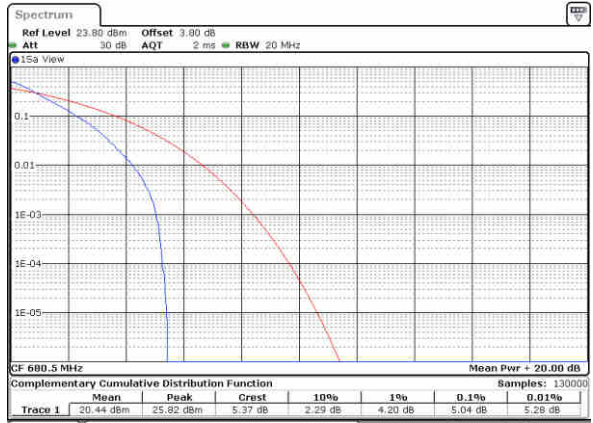
Date: 26.FEB.2020 07:30:04

Middle Channel / 1RB0



Date: 26.FEB.2020 07:45:56

Middle Channel / 100RB0



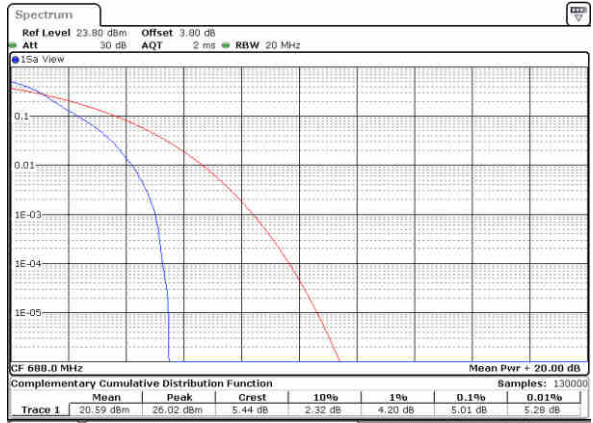
Date: 26.FEB.2020 07:48:03

Highest Channel / 1RB0



Date: 26.FEB.2020 08:00:34

Highest Channel / 100RB0



Date: 26.FEB.2020 07:50:13



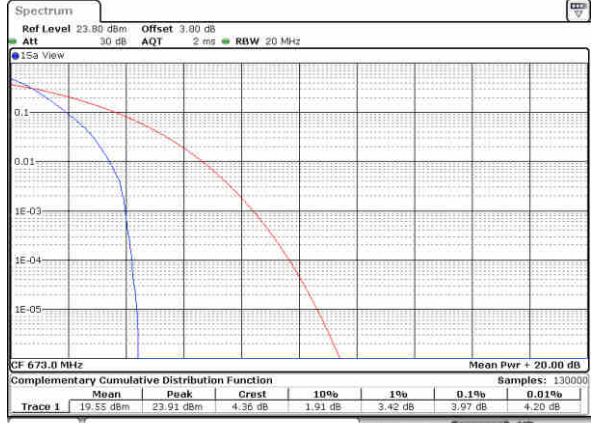
EN-DC\_66A\_n71A / LTE 20MHz + NR 20MHz / BPSK

Lowest Channel / 1RB0



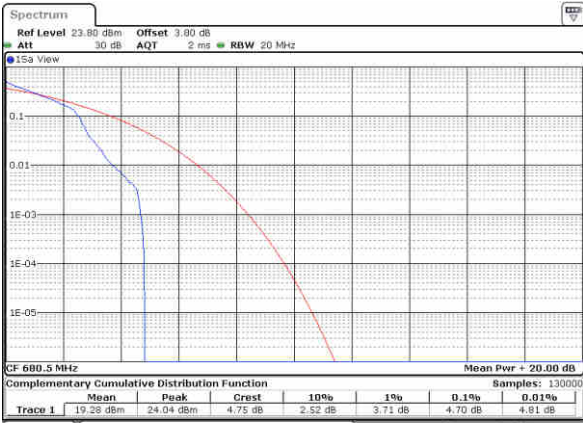
Date: 27\_FEB.2020 10:57:10

Lowest Channel / 100RB0



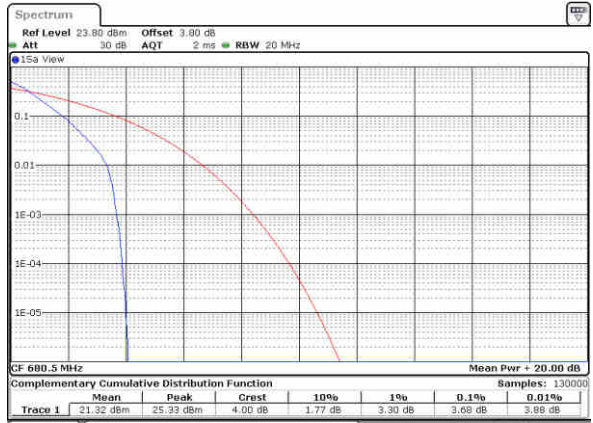
Date: 27\_FEB.2020 10:45:17

Middle Channel / 1RB0



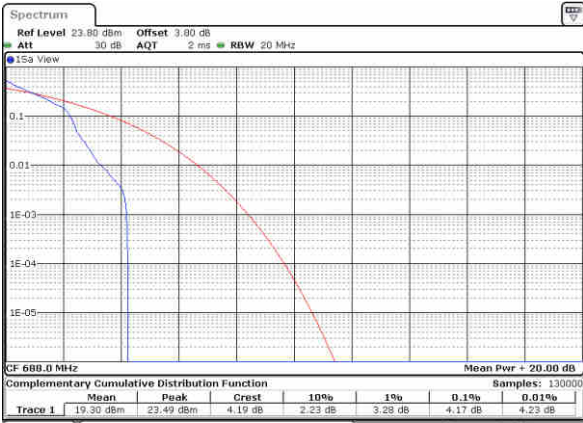
Date: 27\_FEB.2020 11:13:06

Middle Channel / 100RB0



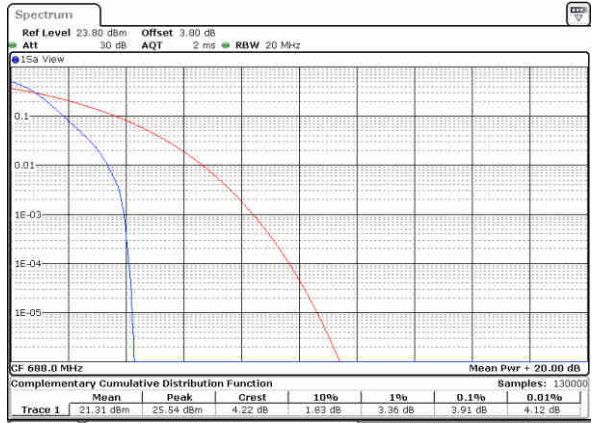
Date: 27\_FEB.2020 11:13:52

Highest Channel / 1RB0



Date: 27\_FEB.2020 11:23:50

Highest Channel / 100RB0



Date: 27\_FEB.2020 11:18:59



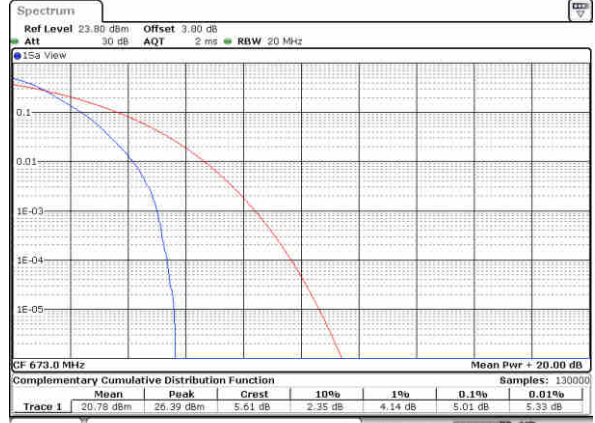
EN-DC\_66A\_n71A / LTE 20MHz + NR 20MHz / QPSK

Lowest Channel / 1RB0



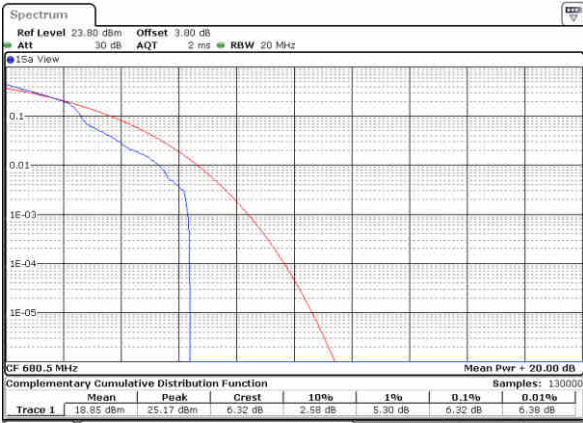
Date: 27\_FEB.2020 10:56:52

Lowest Channel / 100RB0



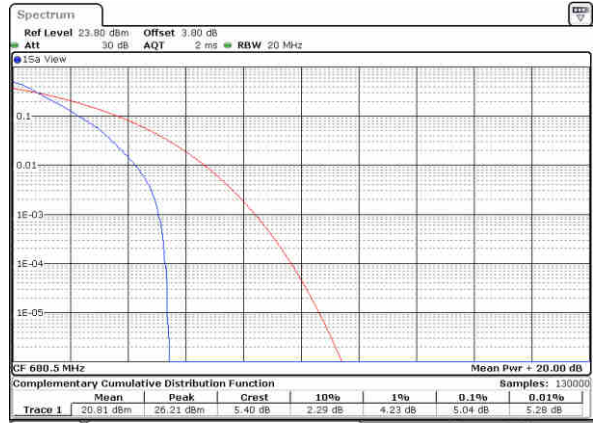
Date: 27\_FEB.2020 10:46:52

Middle Channel / 1RB0



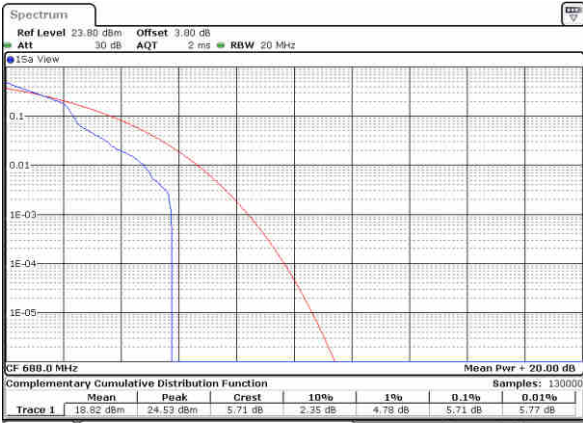
Date: 27\_FEB.2020 11:12:04

Middle Channel / 100RB0



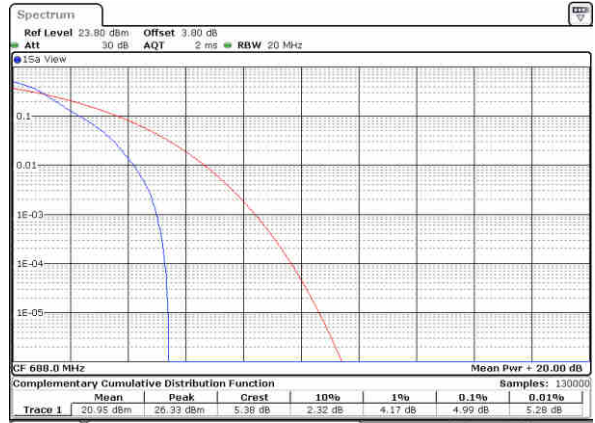
Date: 27\_FEB.2020 11:13:51

Highest Channel / 1RB0



Date: 27\_FEB.2020 11:23:36

Highest Channel / 100RB0



Date: 27\_FEB.2020 11:23:53



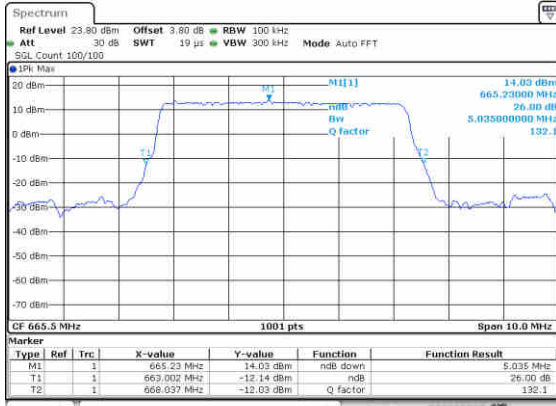


**26dB Bandwidth**

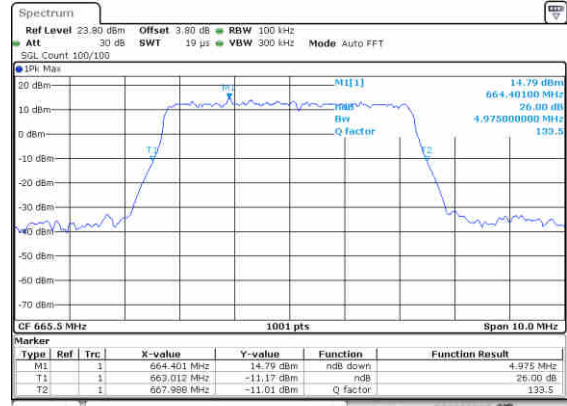
**EN-DC\_2A\_n71A**

**Combination LTE 20MHz + NR 5MHz**

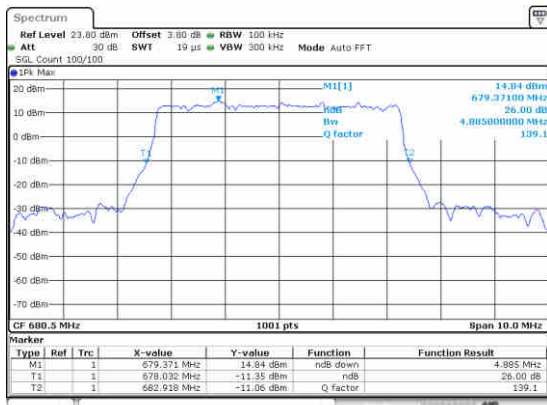
**Lowest Channel / BPSK**



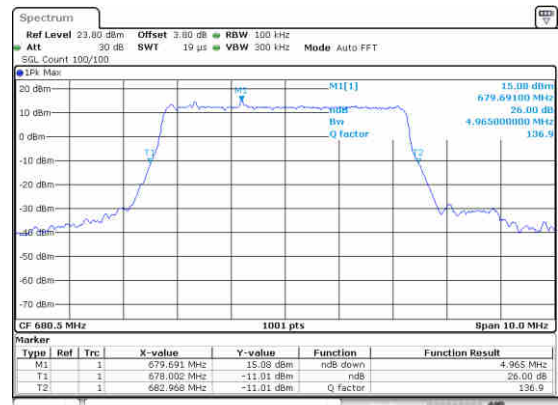
**Lowest Channel / QPSK**



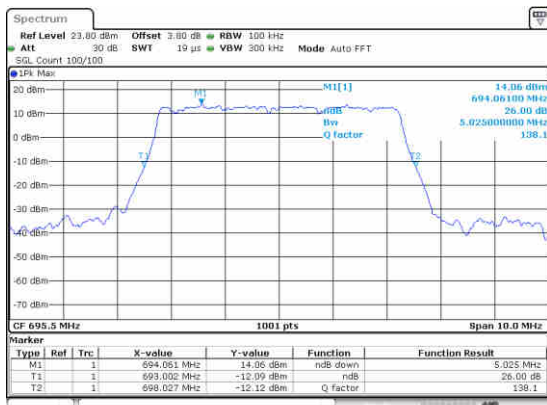
**Middle Channel / BPSK**



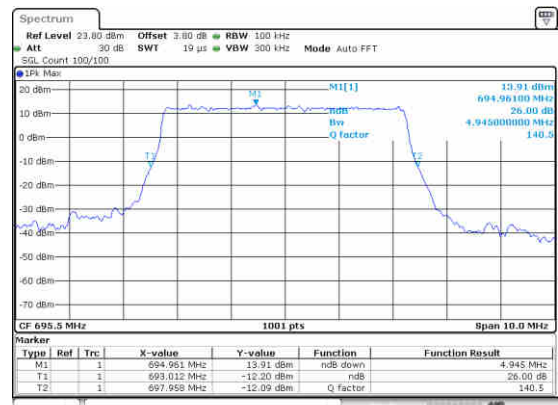
**Middle Channel / QPSK**



**Highest Channel / BPSK**



**Highest Channel / QPSK**

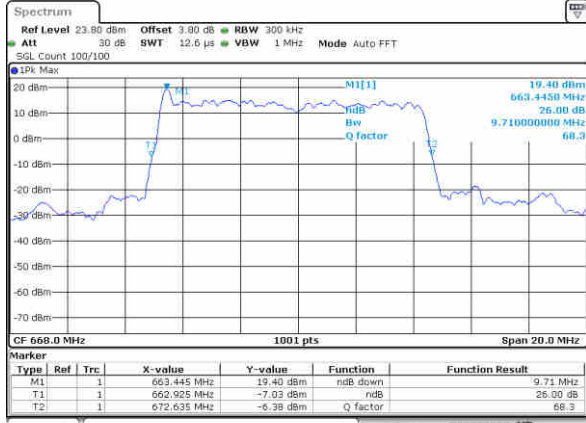




EN-DC\_2A\_n71A

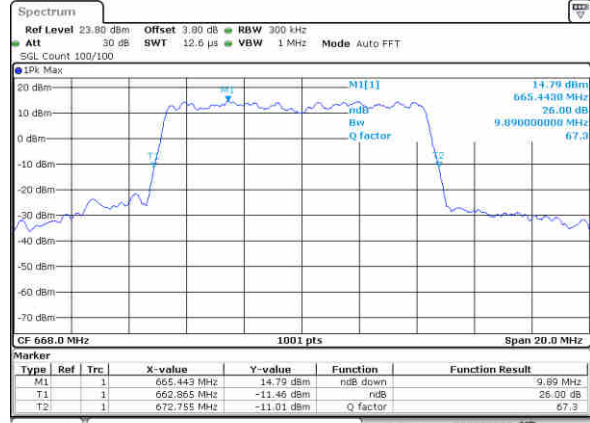
Combination LTE 20MHz + NR 10MHz

Lowest Channel / BPSK



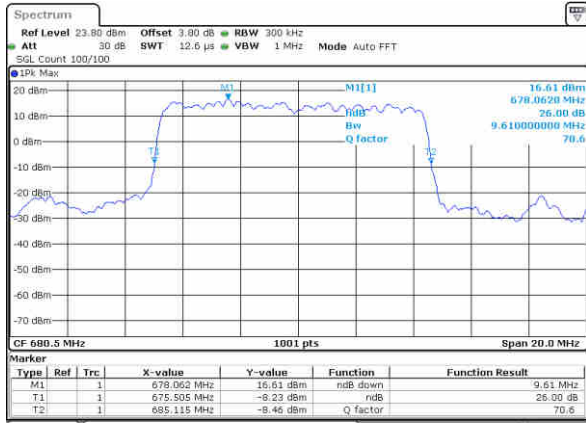
Date: 26\_FEB\_2020 08:52:13

Lowest Channel / QPSK



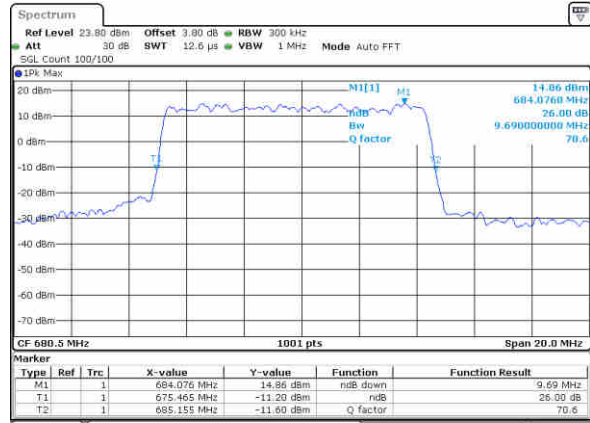
Date: 26\_FEB\_2020 08:53:07

Middle Channel / BPSK



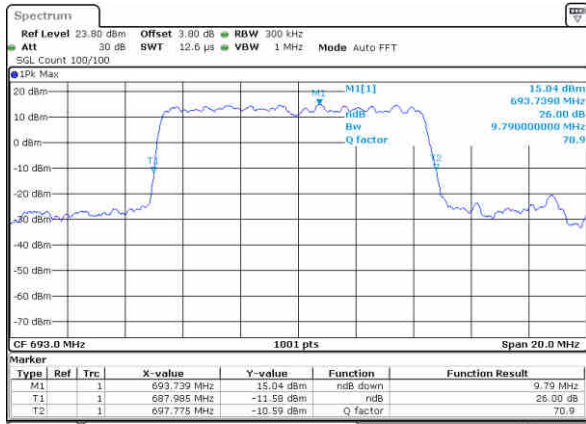
Date: 26\_FEB\_2020 08:56:03

Middle Channel / QPSK



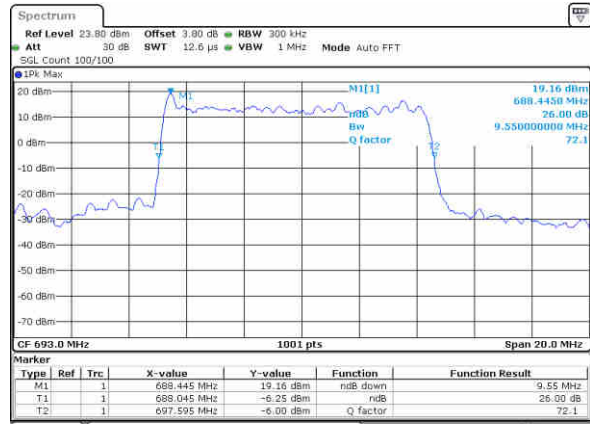
Date: 26\_FEB\_2020 08:55:23

Highest Channel / BPSK



Date: 26\_FEB\_2020 09:11:10

Highest Channel / QPSK



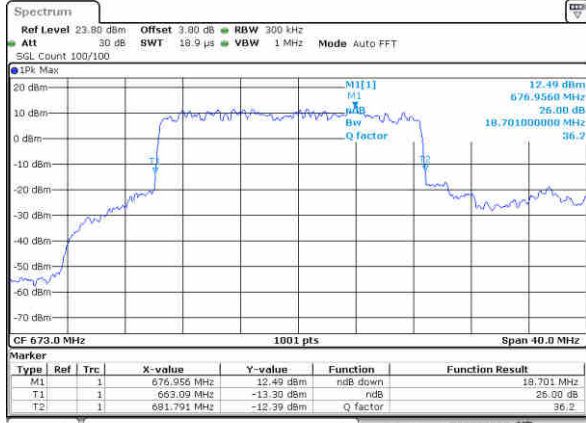
Date: 26\_FEB\_2020 09:10:46



EN-DC\_2A\_n71A

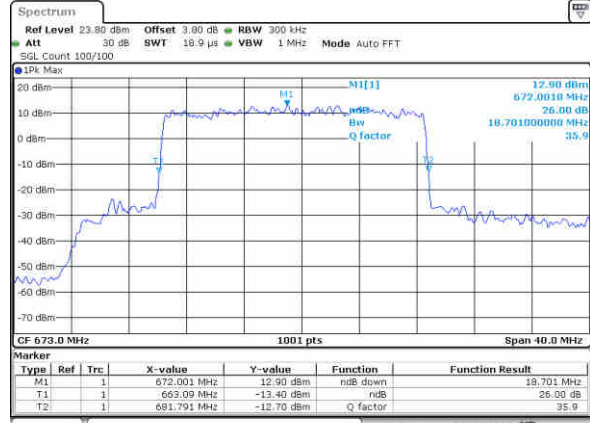
Combination LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



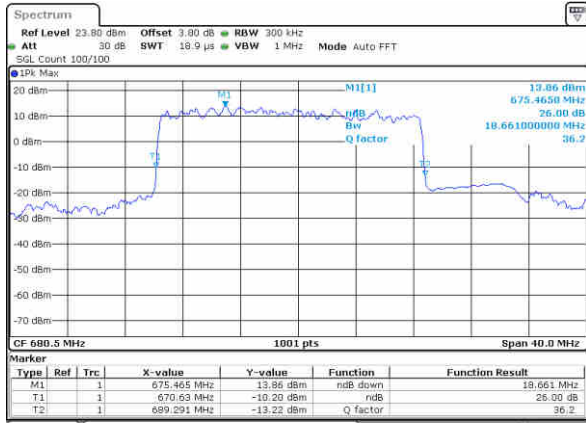
Date: 26\_FEB\_2020 07:30:56

Lowest Channel / QPSK



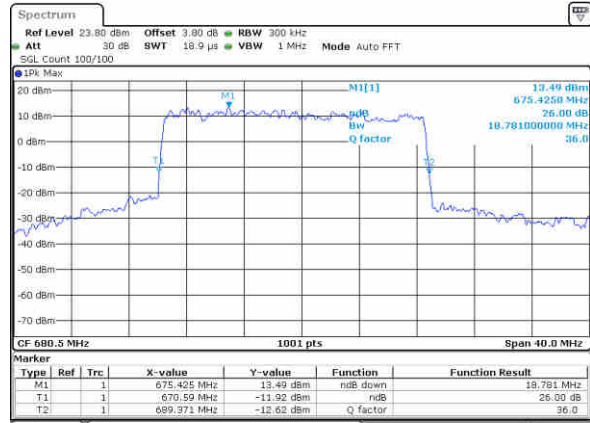
Date: 26\_FEB\_2020 07:31:20

Middle Channel / BPSK



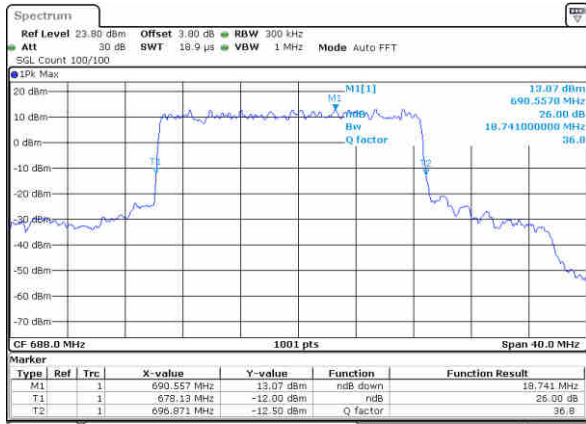
Date: 26\_FEB\_2020 07:47:09

Middle Channel / QPSK



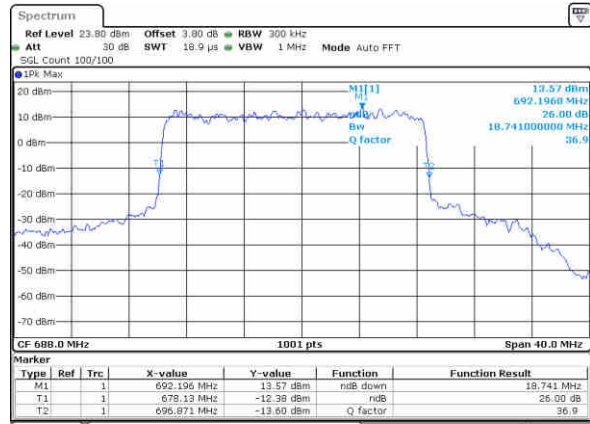
Date: 26\_FEB\_2020 07:47:50

Highest Channel / BPSK



Date: 26\_FEB\_2020 07:51:19

Highest Channel / QPSK



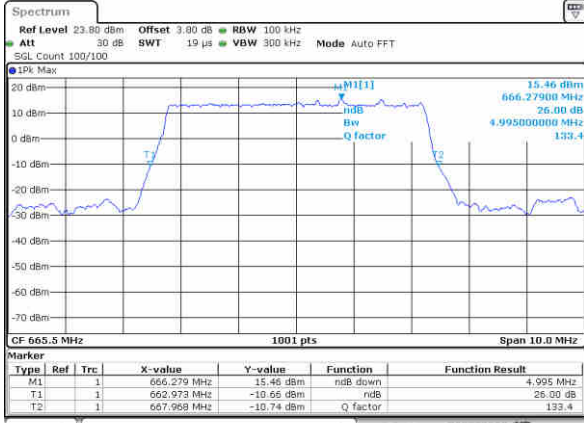
Date: 26\_FEB\_2020 07:50:36



EN-DC\_66A\_n71A

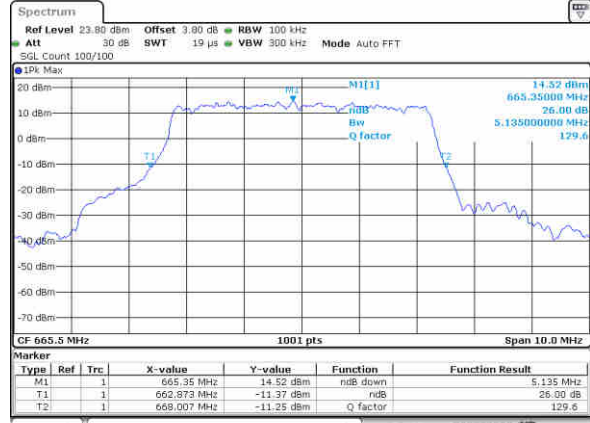
Combination LTE 20MHz + NR 5MHz

Lowest Channel / BPSK



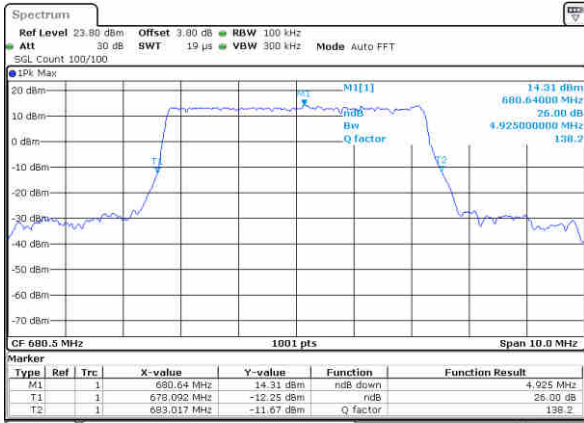
Date: 27\_FEB\_2020 13:11:33

Lowest Channel / QPSK



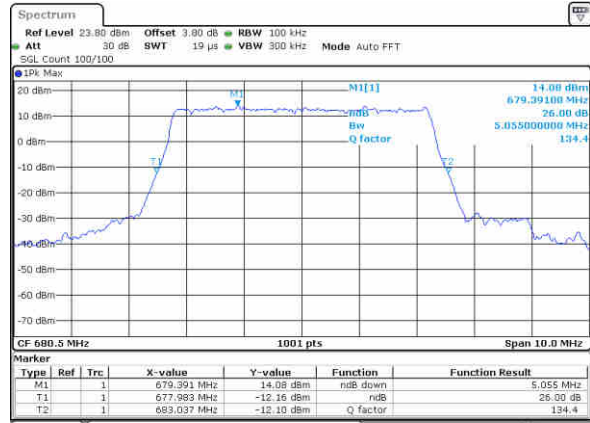
Date: 27\_FEB\_2020 13:11:17

Middle Channel / BPSK



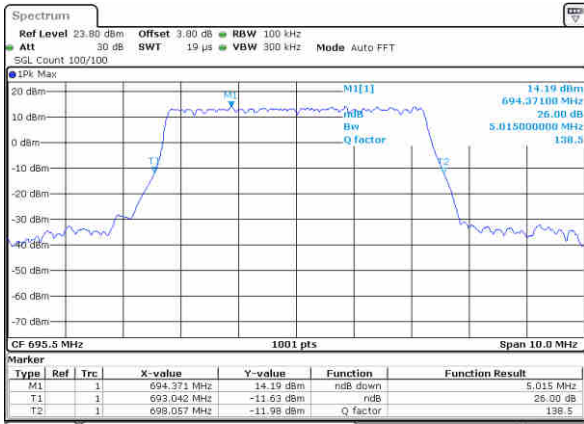
Date: 27\_FEB\_2020 13:51:59

Middle Channel / QPSK



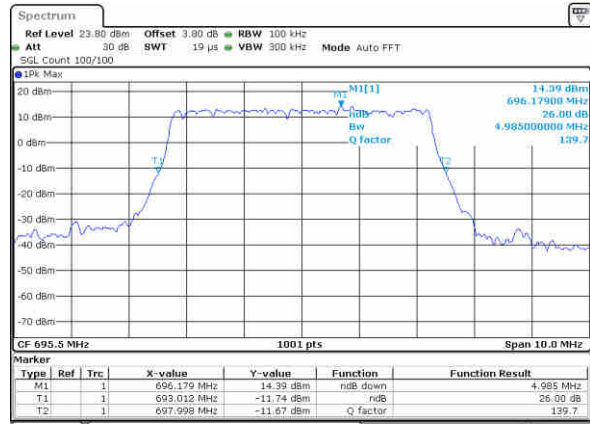
Date: 27\_FEB\_2020 13:50:15

Highest Channel / BPSK



Date: 27\_FEB\_2020 13:39:13

Highest Channel / QPSK



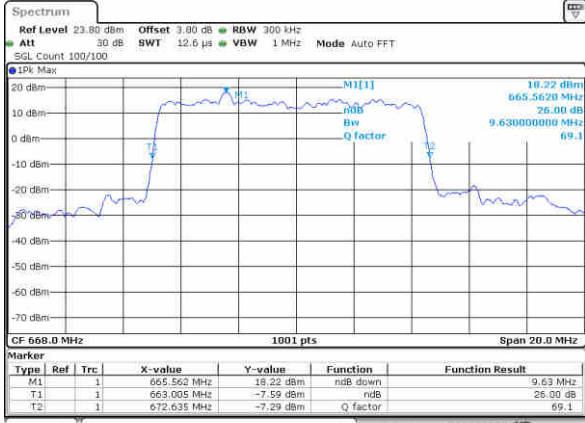
Date: 27\_FEB\_2020 13:39:42



EN-DC\_66A\_n71A

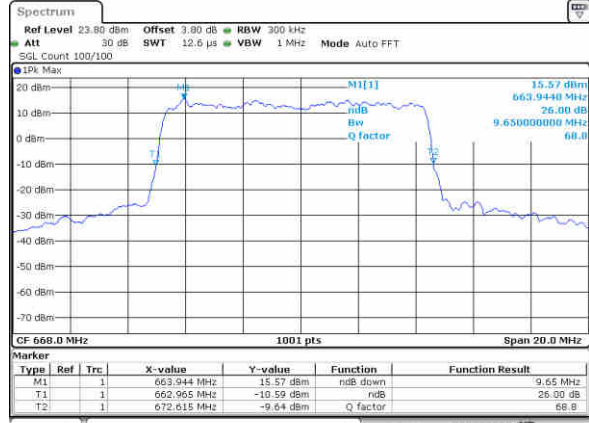
Combination LTE 20MHz + NR 10MHz

Lowest Channel / BPSK



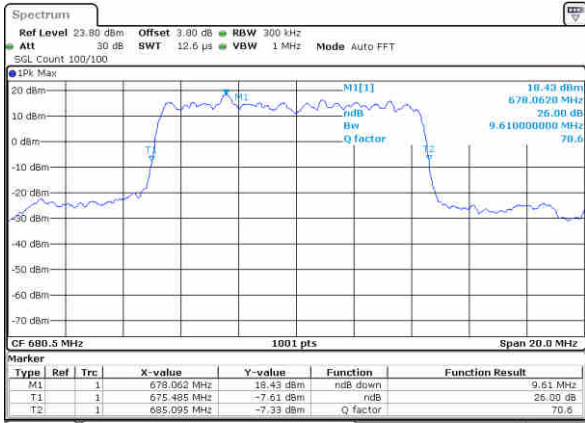
Date: 27\_FEB\_2020 11:50:53

Lowest Channel / QPSK



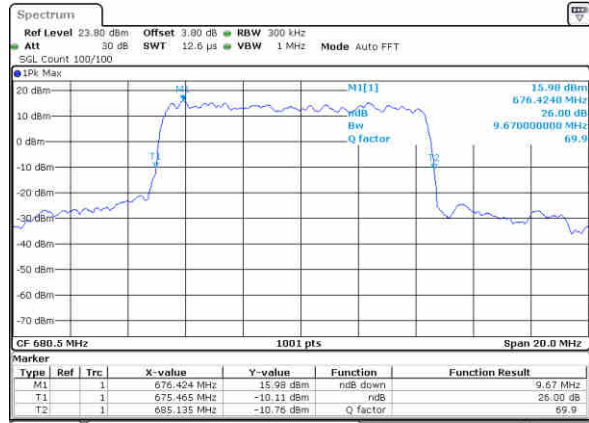
Date: 27\_FEB\_2020 11:50:24

Middle Channel / BPSK



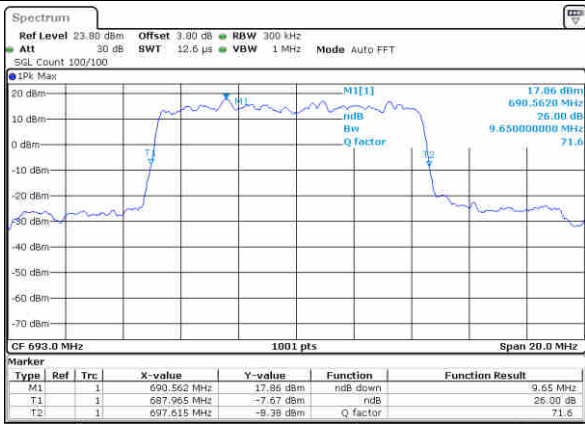
Date: 27\_FEB\_2020 11:56:02

Middle Channel / QPSK



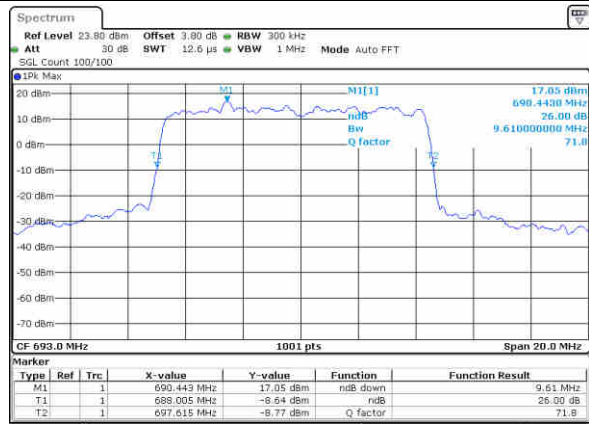
Date: 27\_FEB\_2020 11:56:35

Highest Channel / BPSK



Date: 27\_FEB\_2020 12:12:59

Highest Channel / QPSK



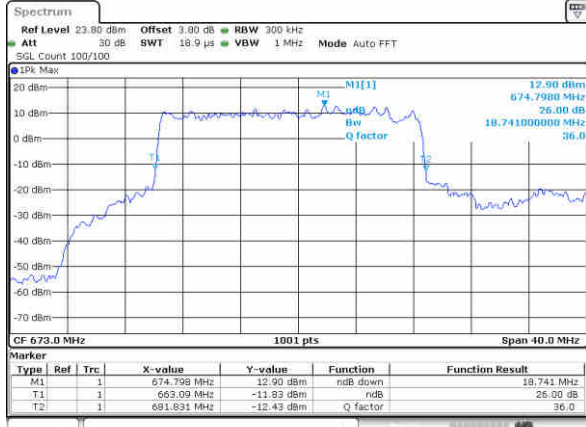
Date: 27\_FEB\_2020 12:12:25



EN-DC\_66A\_n71A

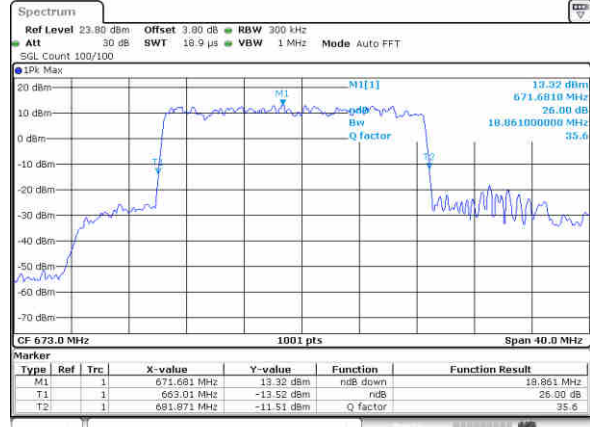
Combination LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



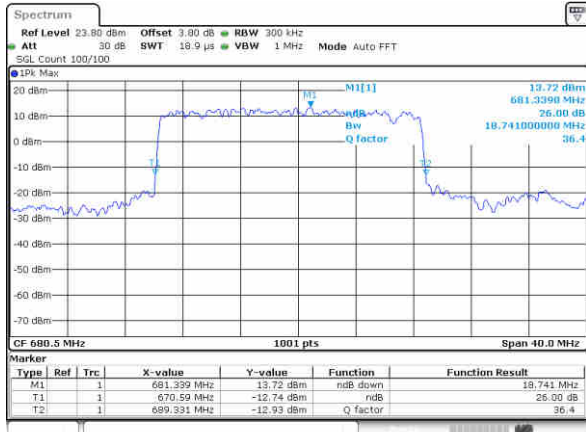
Date: 27\_FEB\_2020 10:49:10

Lowest Channel / QPSK



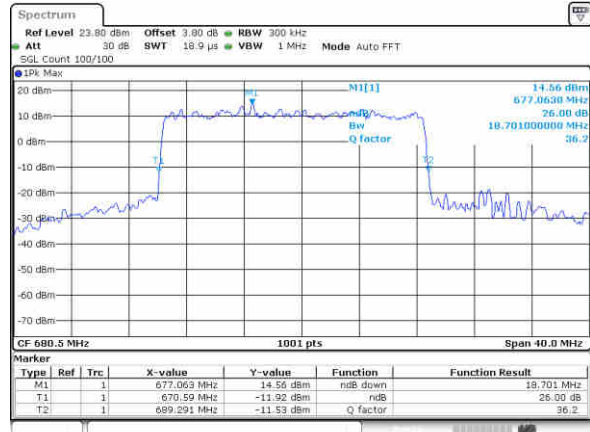
Date: 27\_FEB\_2020 10:47:12

Middle Channel / BPSK



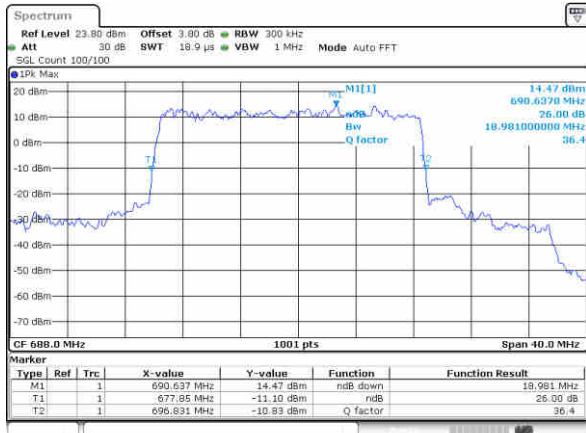
Date: 27\_FEB\_2020 11:13:59

Middle Channel / QPSK



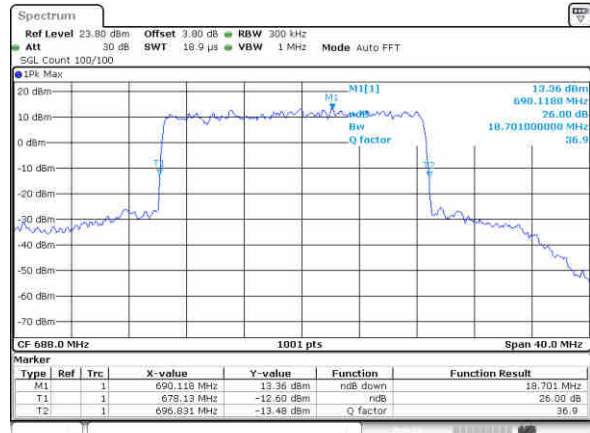
Date: 27\_FEB\_2020 11:14:09

Highest Channel / BPSK



Date: 27\_FEB\_2020 11:19:59

Highest Channel / QPSK



Date: 27\_FEB\_2020 11:23:13