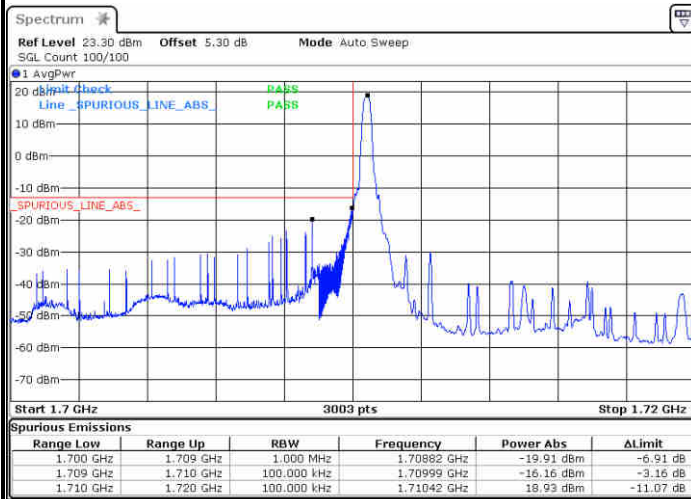


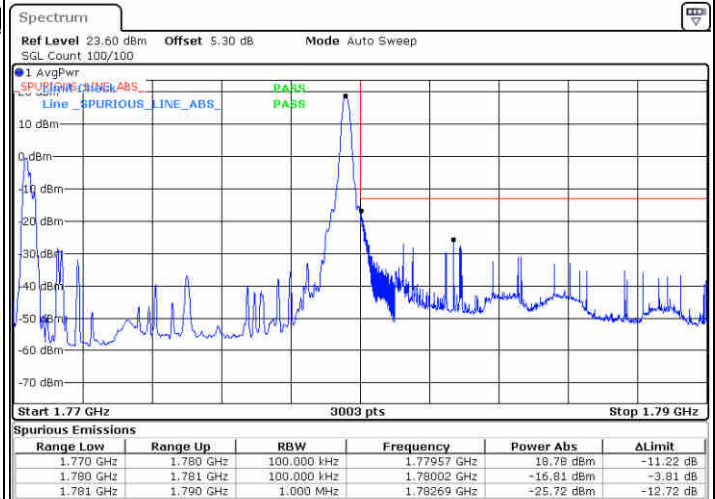


EN-DC_12A_n66A / LTE 10MHz + NR 10MHz / BPSK

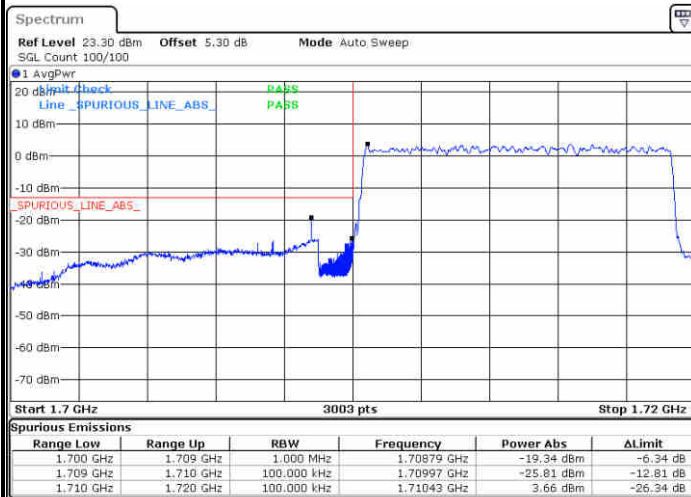
Lowest Band Edge / 1RB0



Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



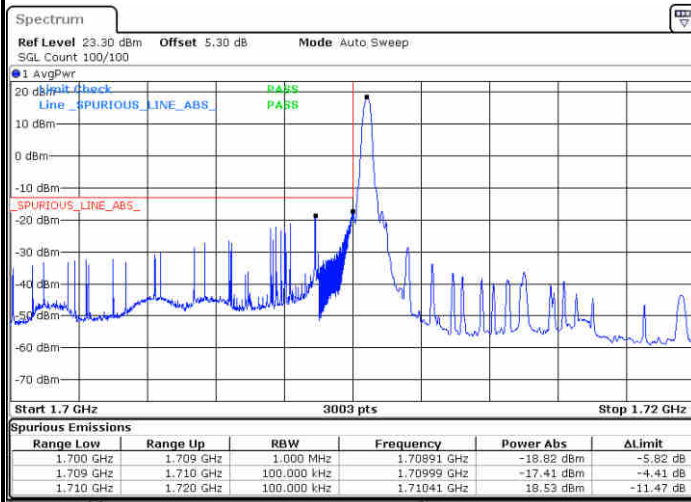
Highest Band Edge / 50RB0



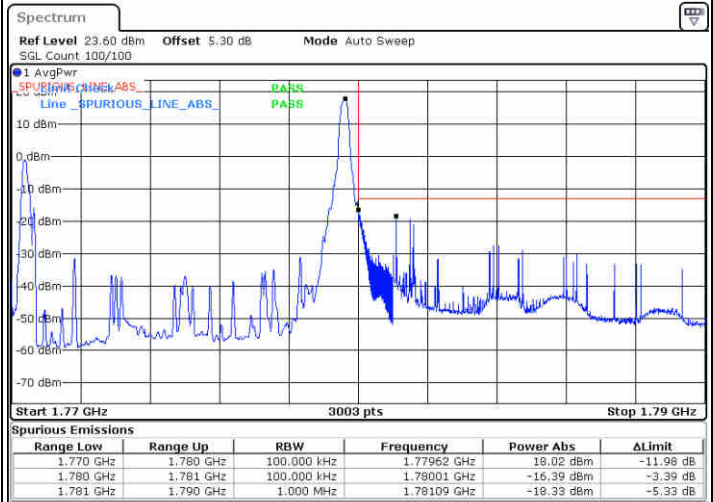


EN-DC_12A_n66A / LTE 10MHz + NR 10MHz / QPSK

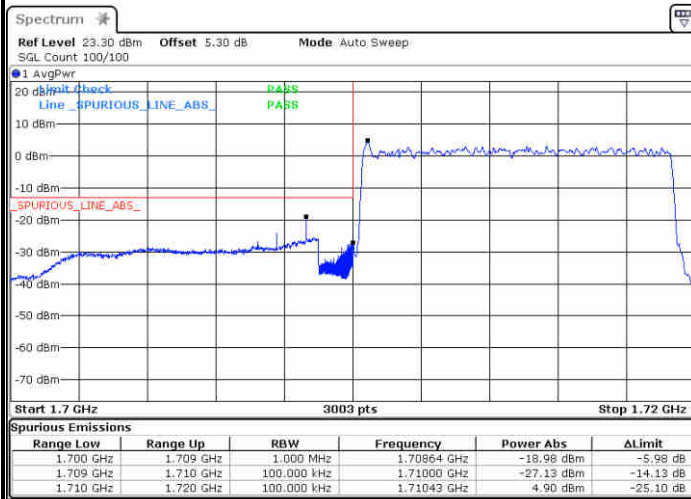
Lowest Band Edge / 1RB0



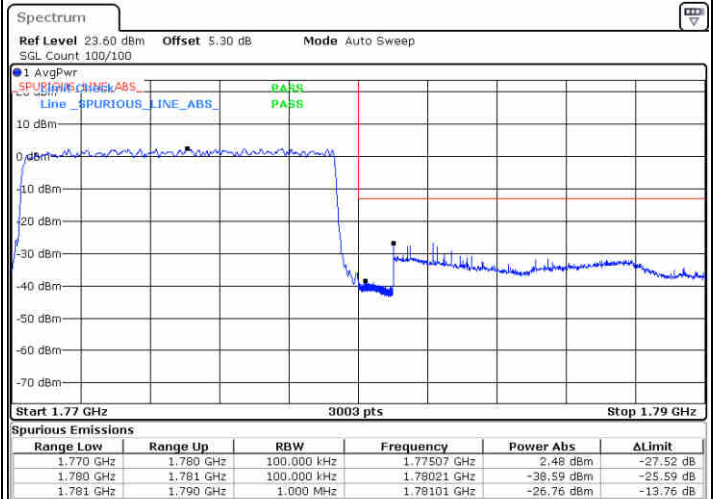
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



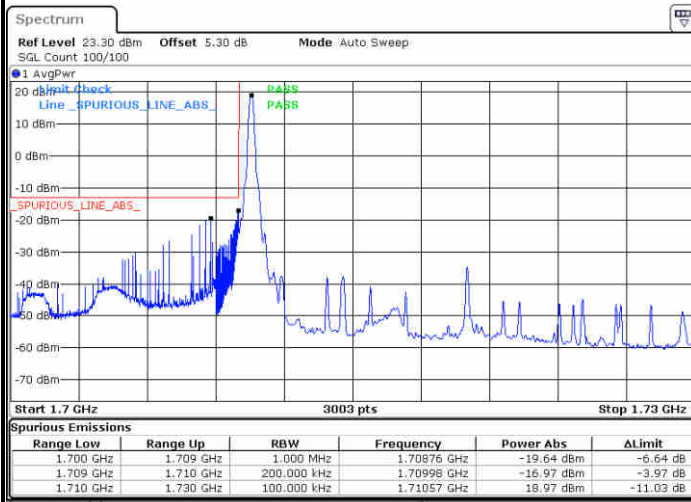
Highest Band Edge / 50RB0





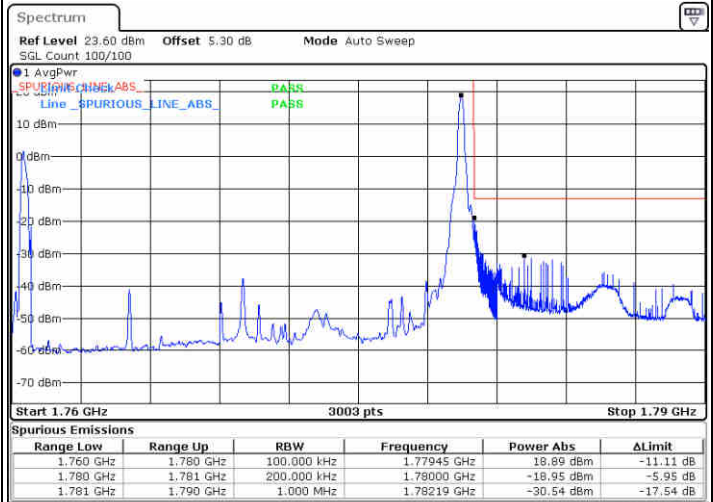
EN-DC_12A_n66A / LTE 10MHz + NR 20MHz / BPSK

Lowest Band Edge / 1RB0



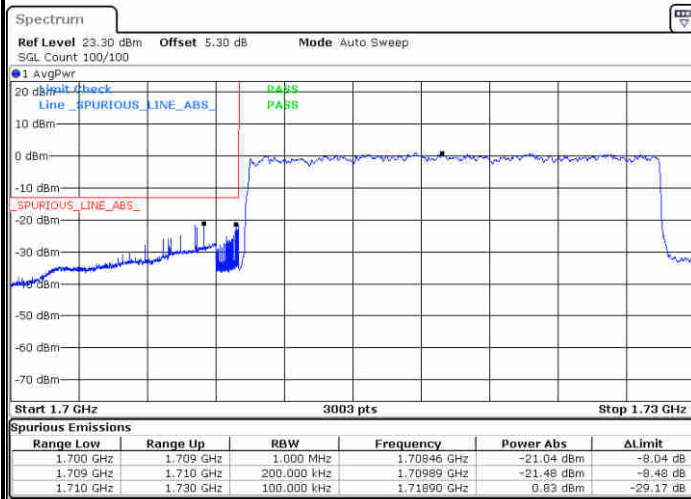
Date: 26.FEB.2020 03:52:15

Highest Band Edge / 1RB105



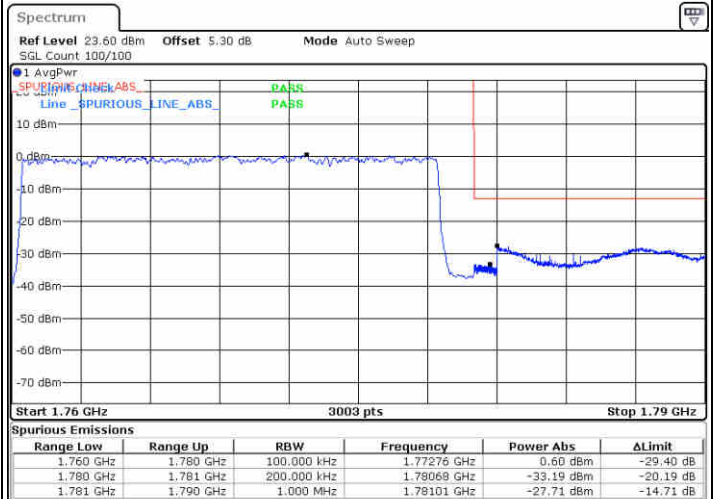
Date: 26.FEB.2020 04:15:45

Lowest Band Edge / 100RB0



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

Highest Band Edge / 100RB0

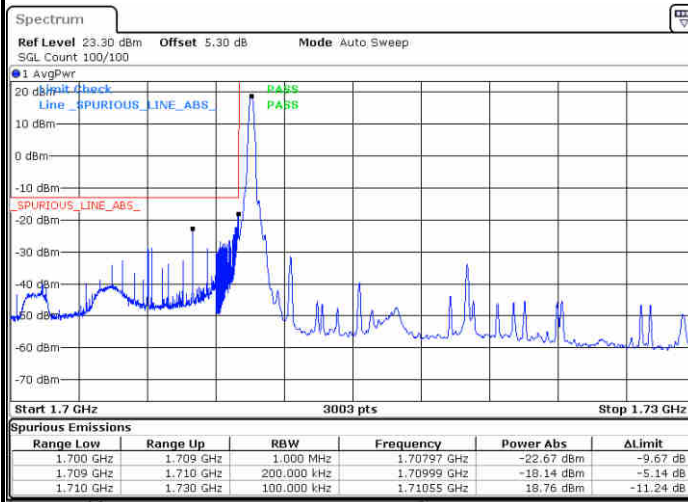


Date: 26.FEB.2020 04:13:57

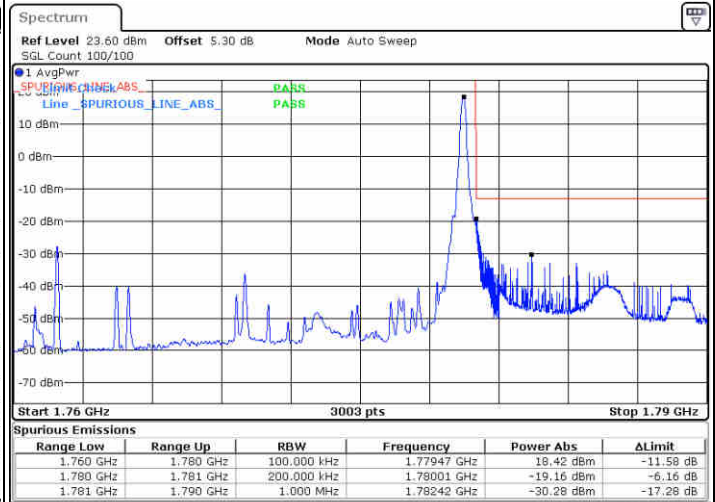


EN-DC_12A_n66A / LTE 10MHz + NR 20MHz / QPSK

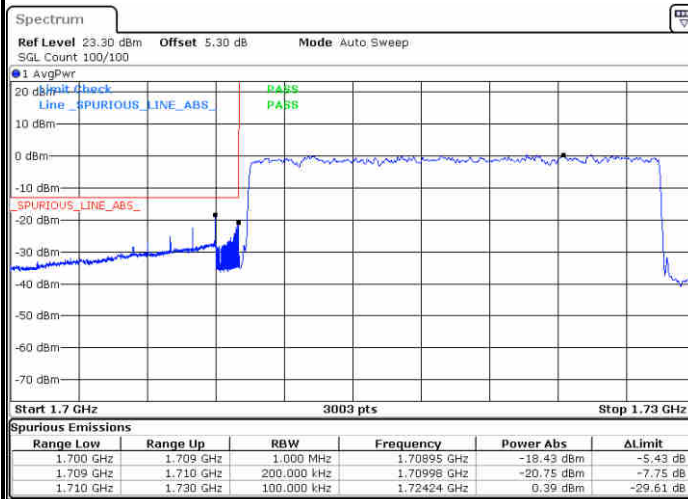
Lowest Band Edge / 1RB0



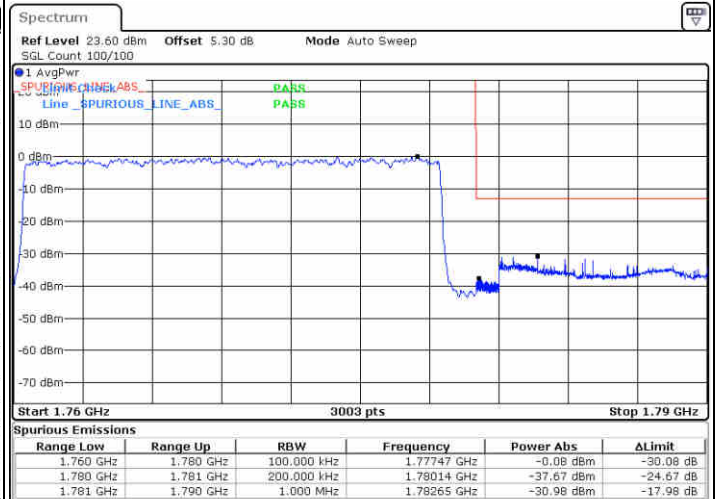
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



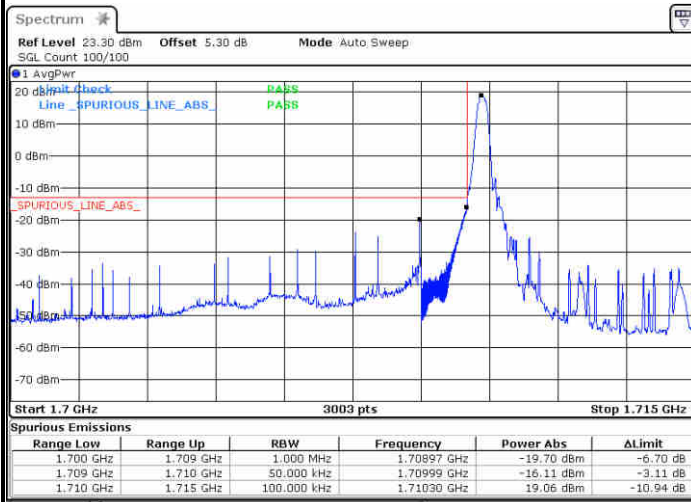
Highest Band Edge / 100RB0



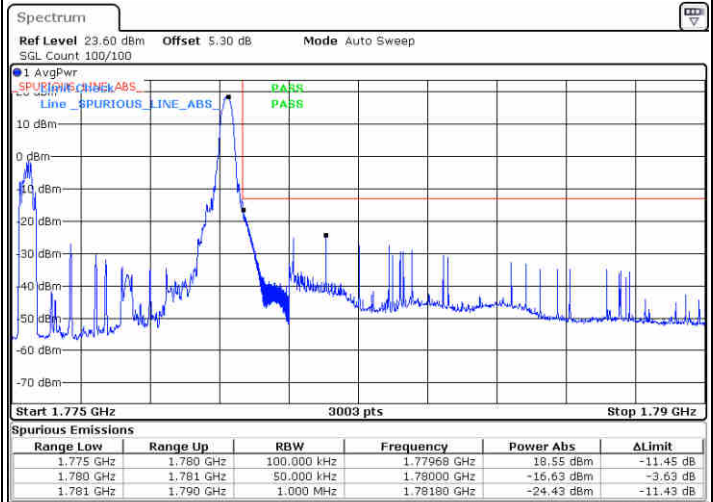


EN-DC_13A_n66A / LTE 10MHz + NR 5MHz / BPSK

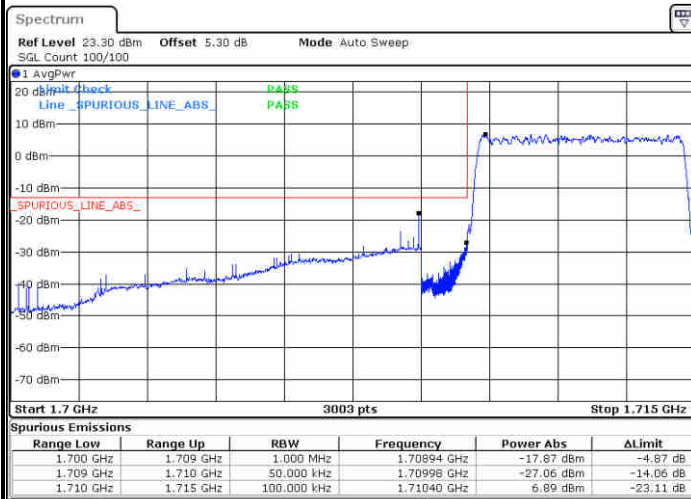
Lowest Band Edge / 1RB0



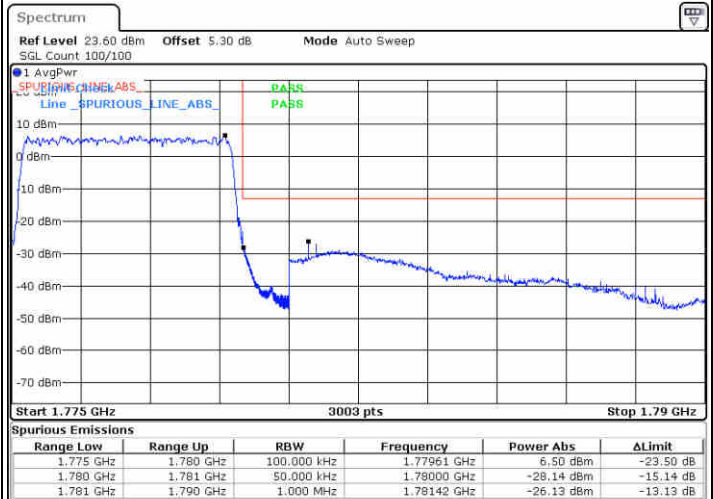
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



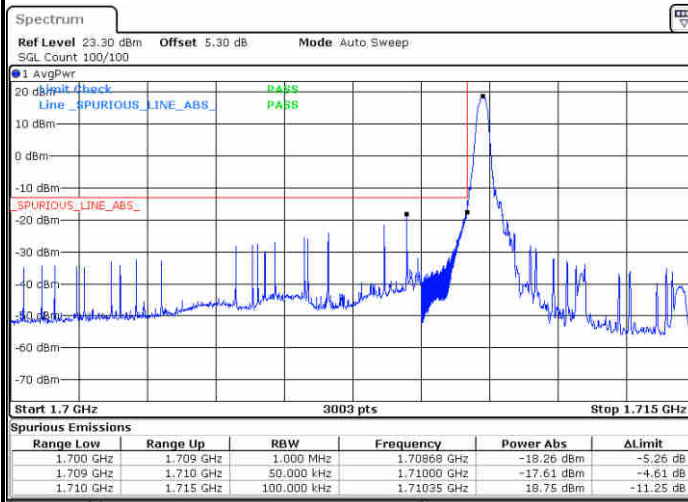
Highest Band Edge / 25RB0





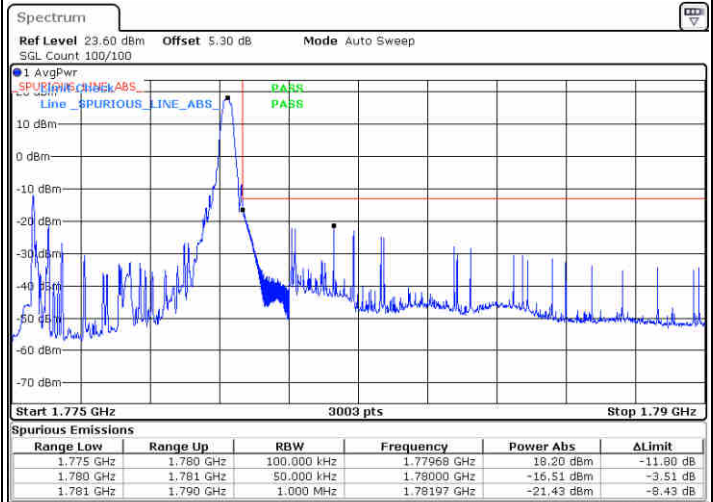
EN-DC_13A_n66A / LTE 10MHz + NR 5MHz / QPSK

Lowest Band Edge / 1RB0



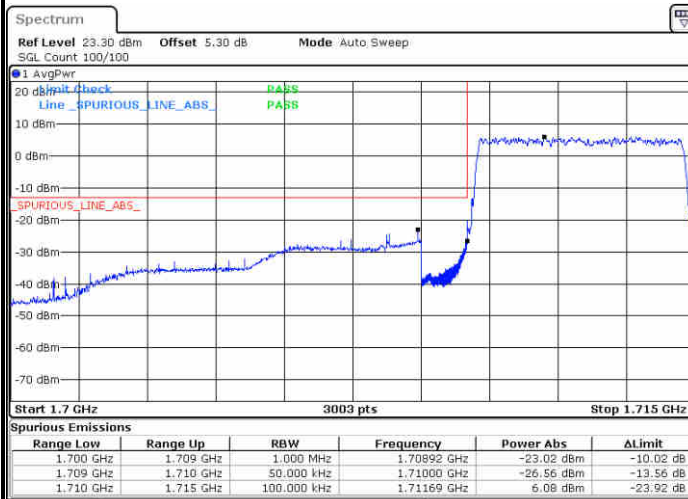
Date: 27.FEB.2020 09:09:05

Highest Band Edge / 1RB24



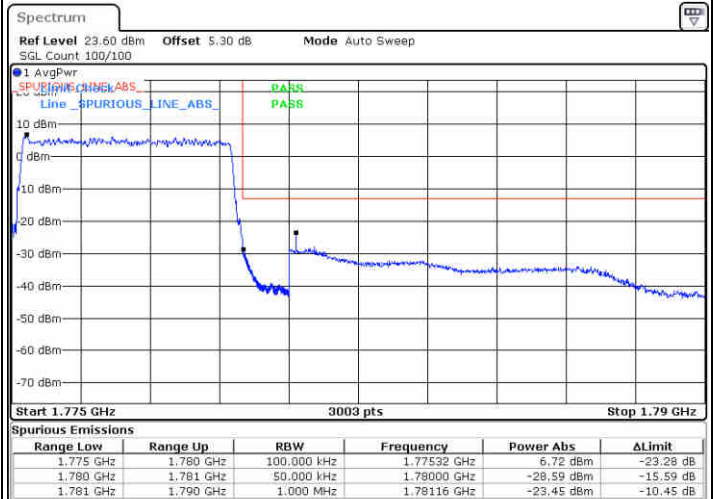
Date: 27.FEB.2020 09:50:38

Lowest Band Edge / 25RB0



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

Highest Band Edge / 25RB0

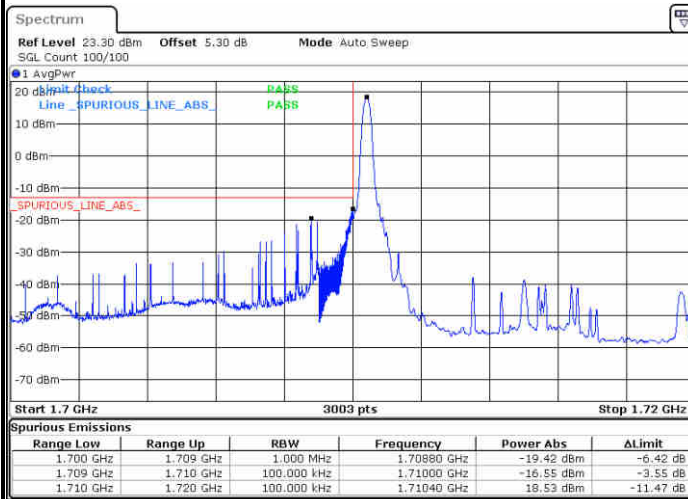


Date: 27.FEB.2020 09:54:43

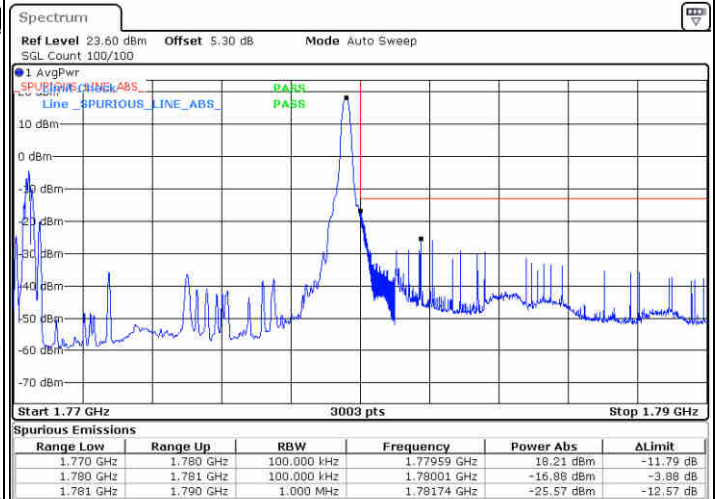


EN-DC_13A_n66A / LTE 10MHz + NR 10MHz / BPSK

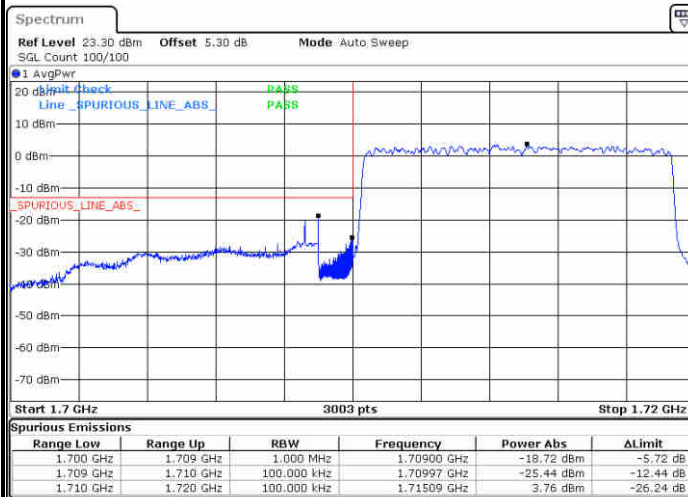
Lowest Band Edge / 1RB0



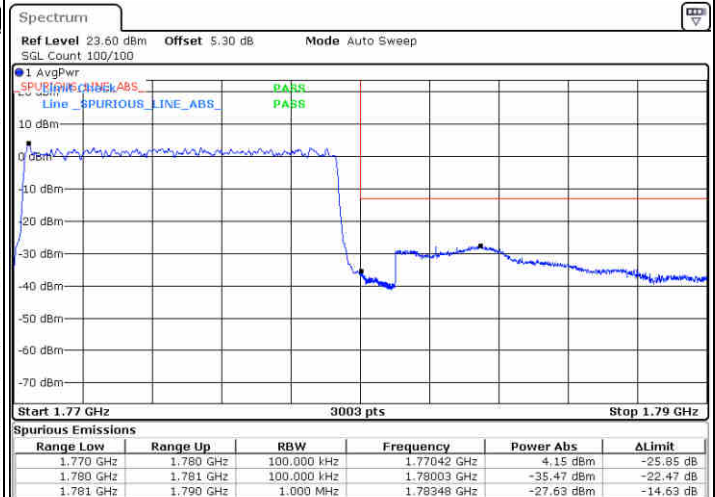
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



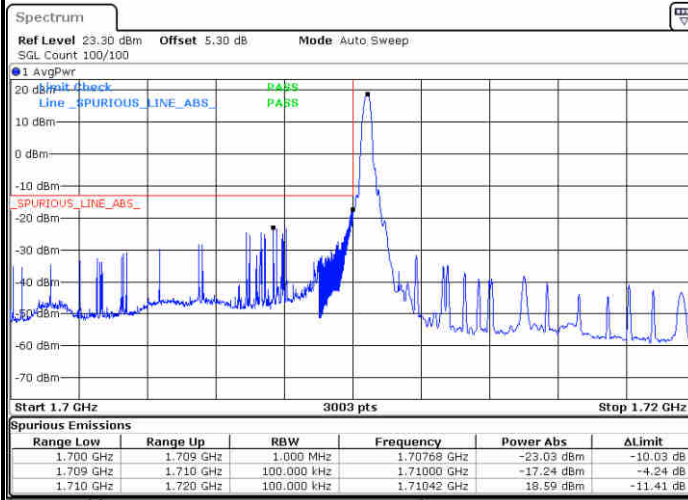
Highest Band Edge / 50RB0



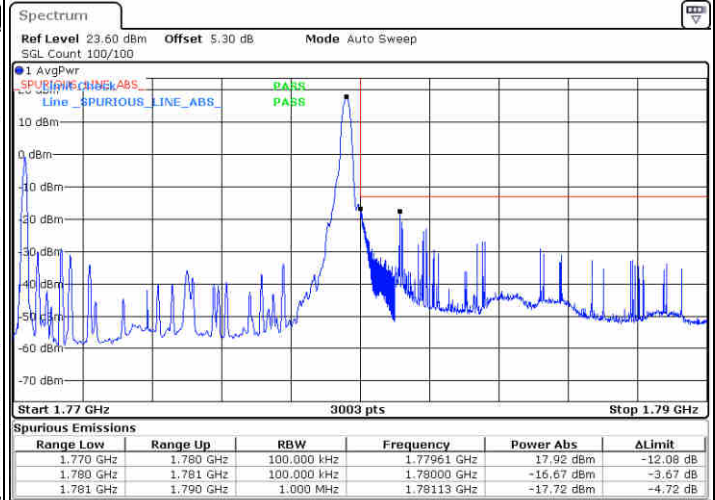


EN-DC_13A_n66A / LTE 10MHz + NR 10MHz / QPSK

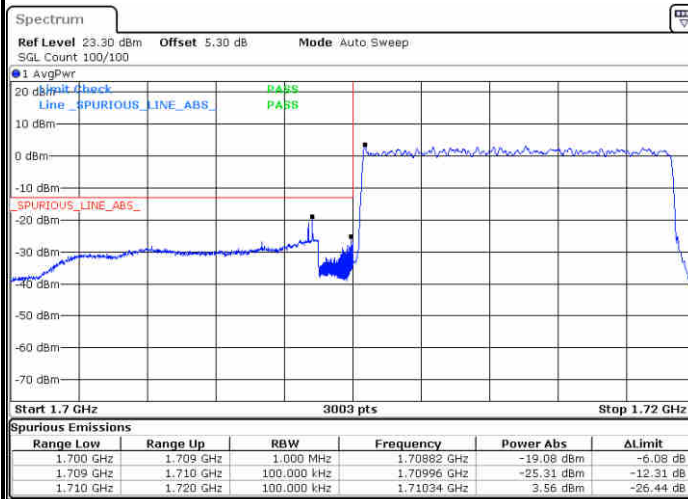
Lowest Band Edge / 1RB0



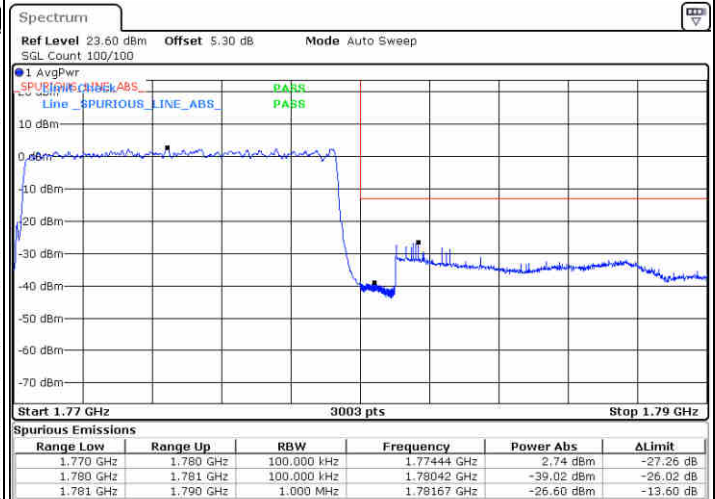
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



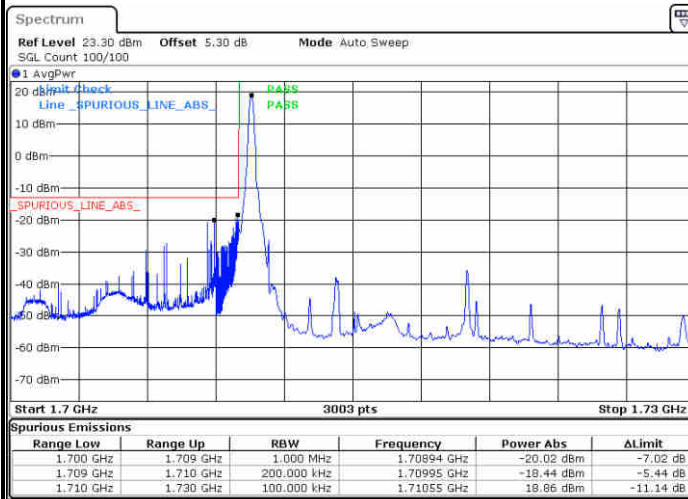
Highest Band Edge / 50RB0



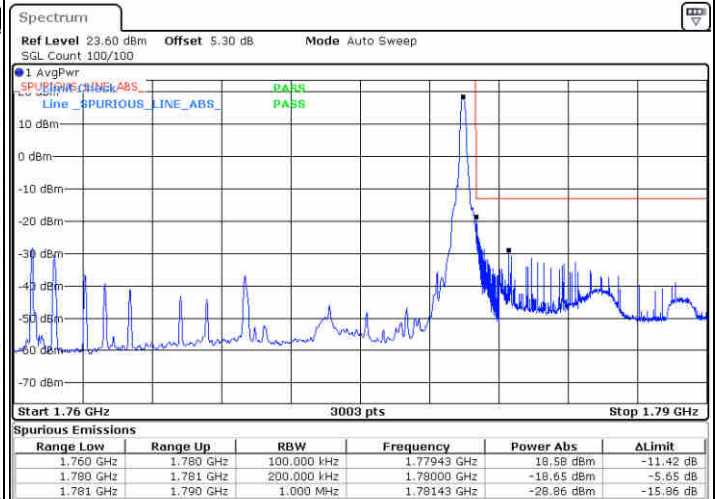


EN-DC_13A_n66A / LTE 10MHz + NR 20MHz / BPSK

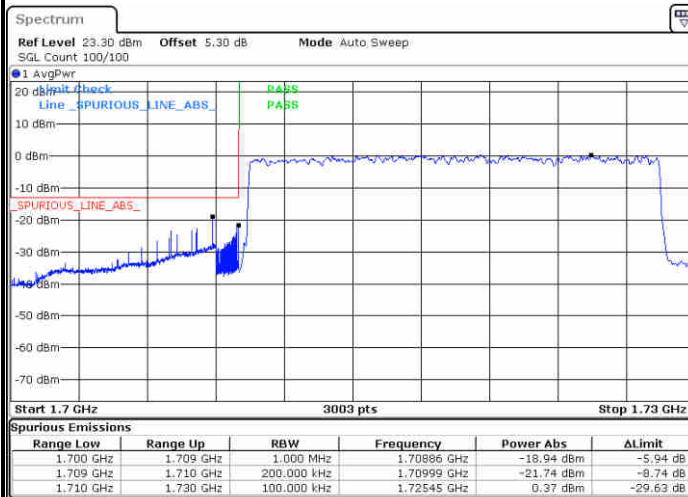
Lowest Band Edge / 1RB0



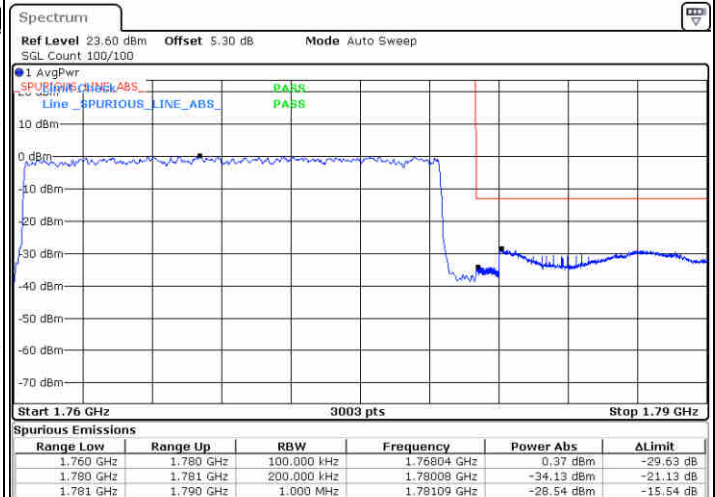
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



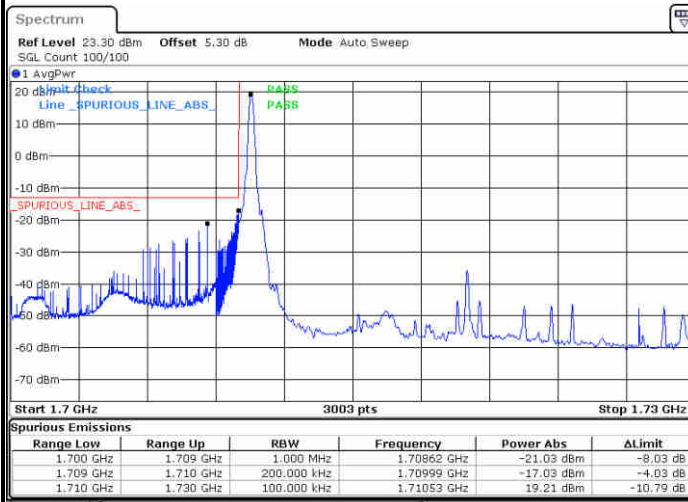
Highest Band Edge / 100RB0



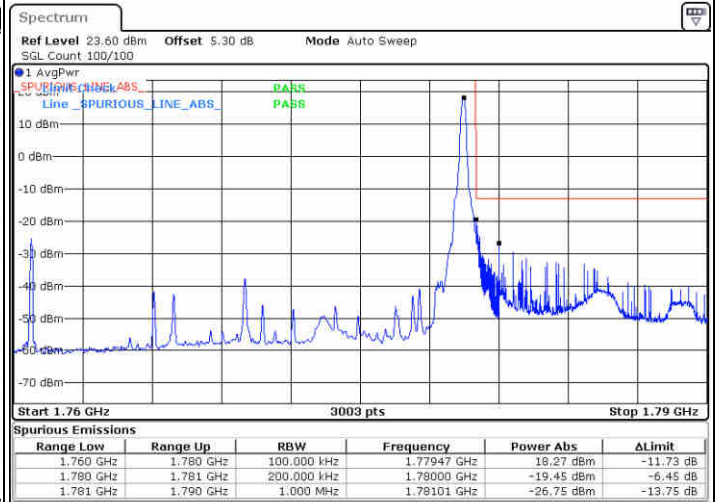


EN-DC_13A_n66A / LTE 10MHz + NR 20MHz / QPSK

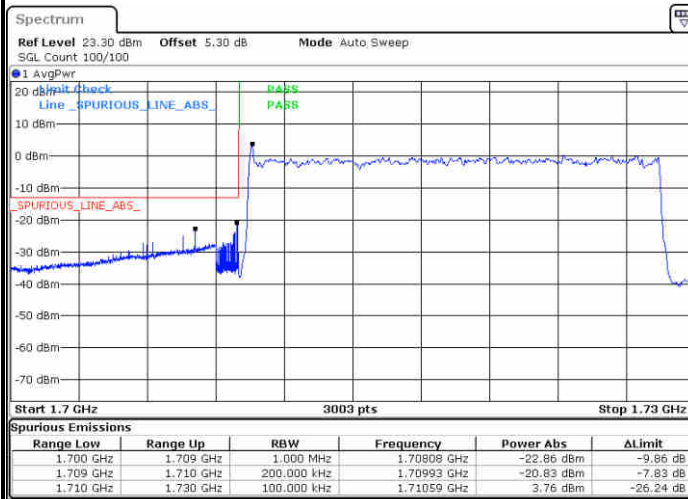
Lowest Band Edge / 1RB0



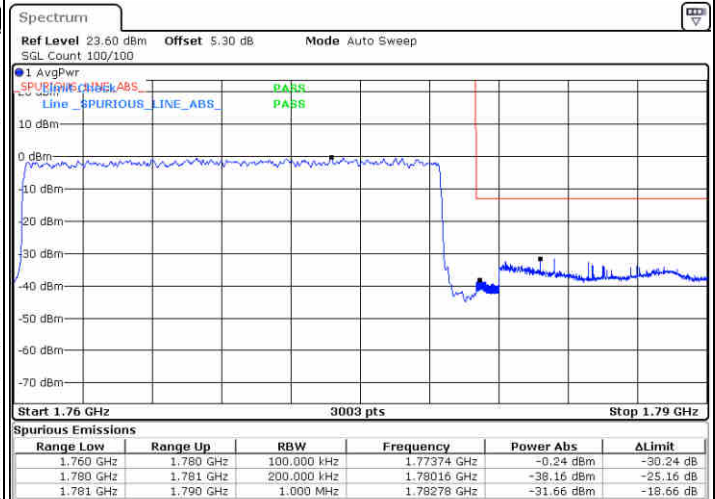
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



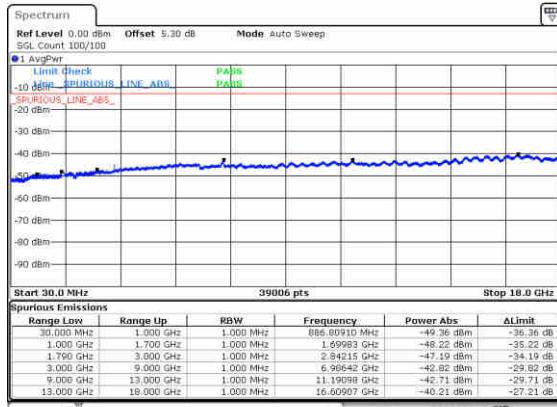
Highest Band Edge / 100RB0



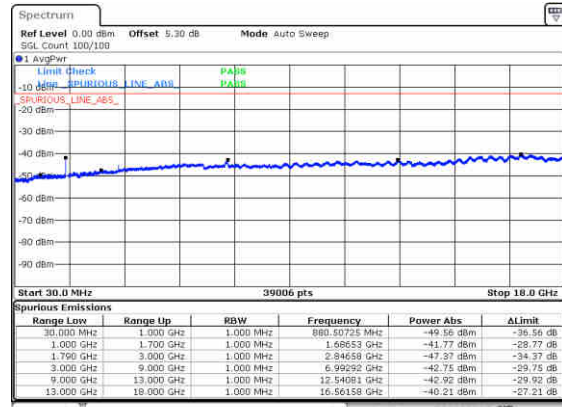
Conducted Spurious Emission

EN-DC_5A_n66A / LTE 10MHz + NR 5MHz

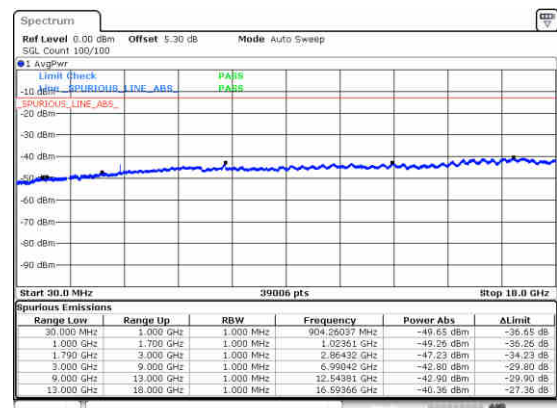
Lowest Channel / BPSK



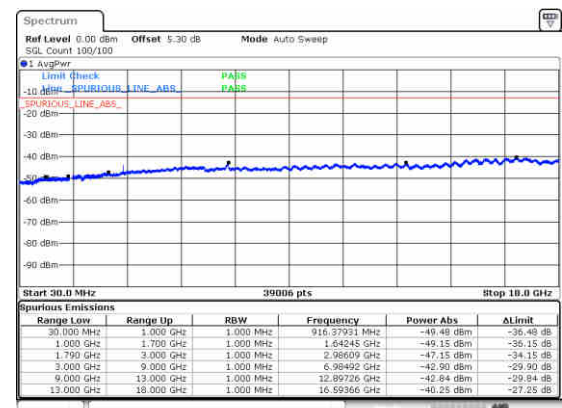
Lowest Channel / QPSK



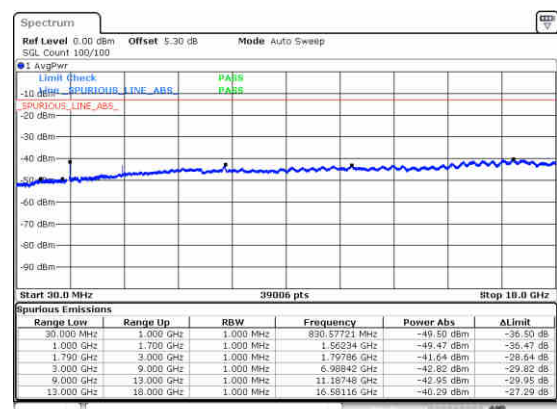
Middle Channel / BPSK



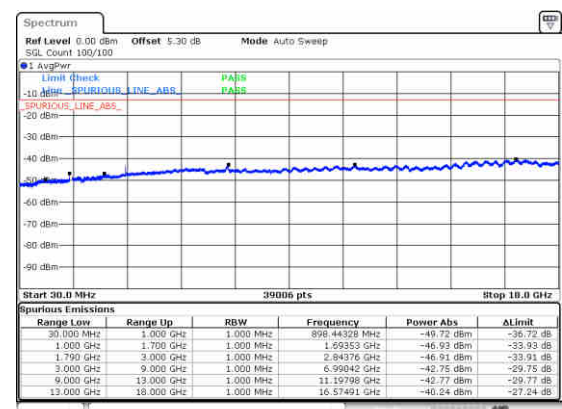
Middle Channel / QPSK



Highest Channel / BPSK



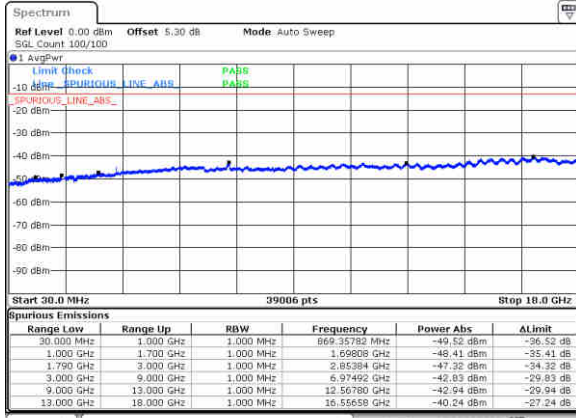
Highest Channel / QPSK





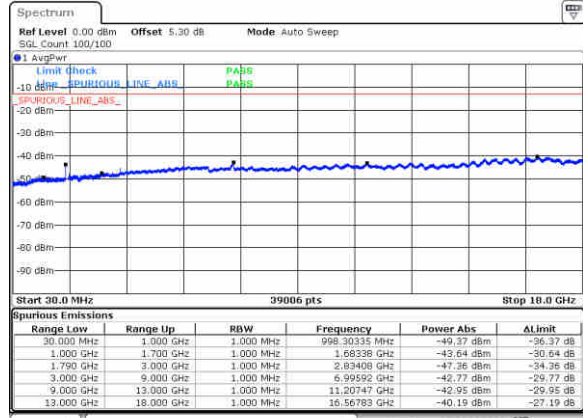
EN-DC_5A_n66A / LTE 10MHz + NR 10MHz

Lowest Channel / BPSK



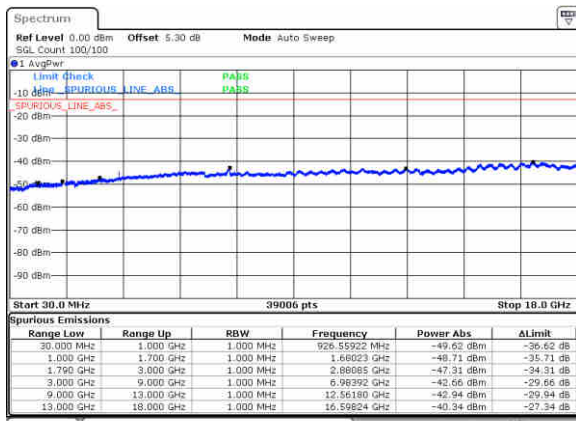
Date: 26.FEB.2020 00:21:33

Lowest Channel / QPSK



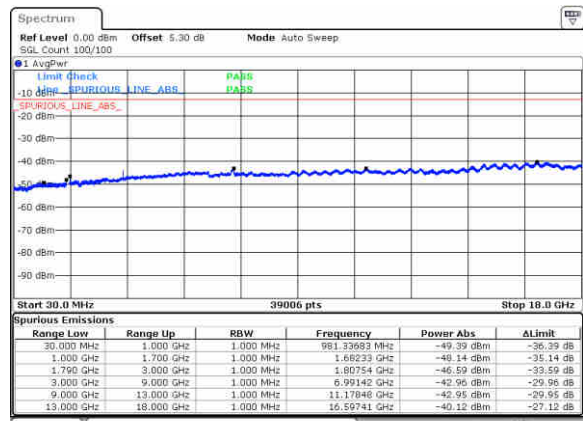
Date: 26.FEB.2020 00:26:00

Middle Channel / BPSK



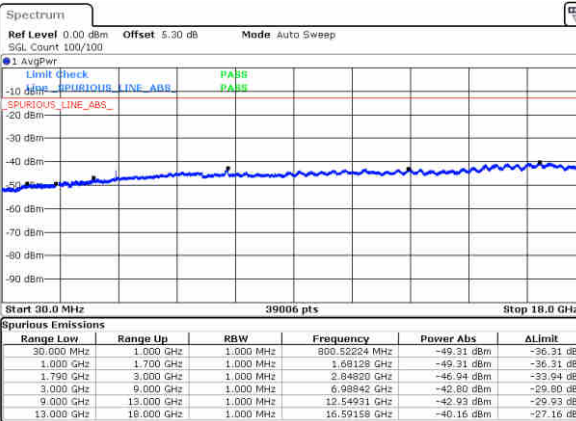
Date: 26.FEB.2020 00:31:27

Middle Channel / QPSK



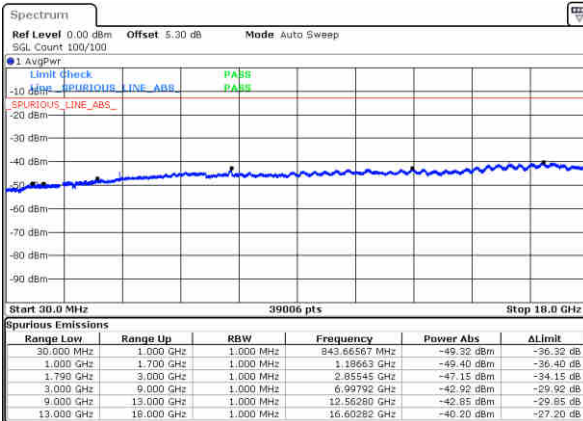
Date: 26.FEB.2020 00:33:59

Highest Channel / BPSK



Date: 26.FEB.2020 01:02:47

Highest Channel / QPSK

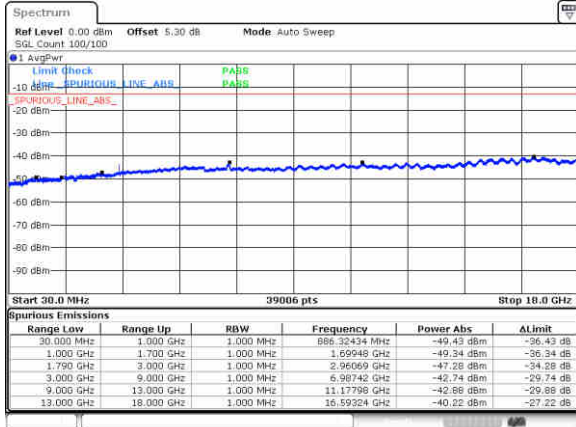


Date: 26.FEB.2020 01:05:43

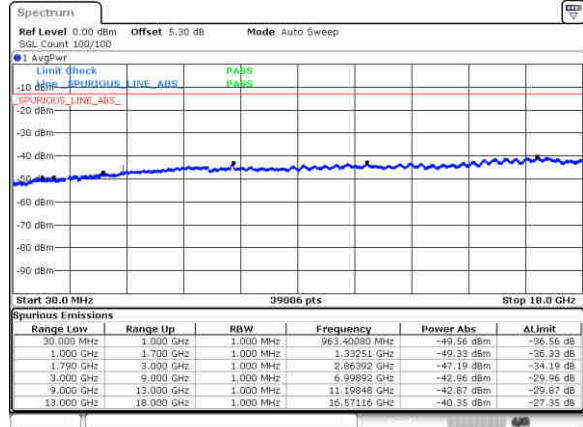


EN-DC_5A_n66A / LTE 10MHz + NR 20MHz

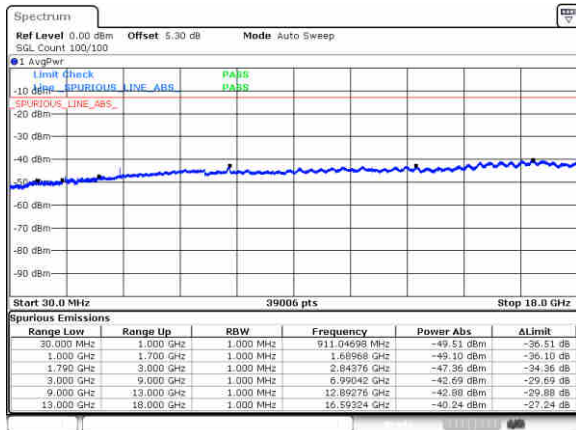
Lowest Channel / BPSK



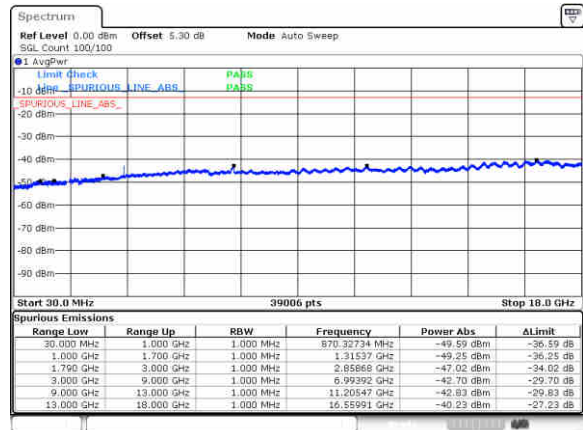
Lowest Channel / QPSK



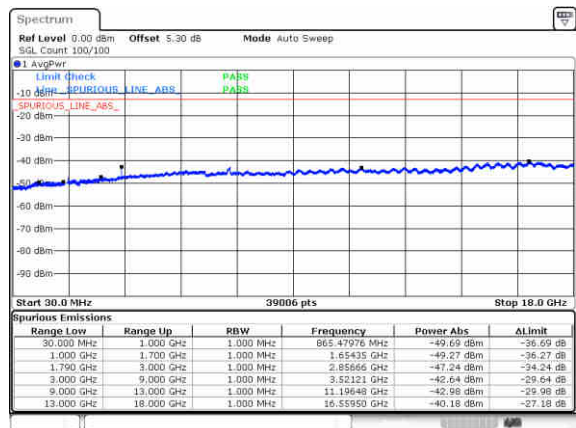
Middle Channel / BPSK



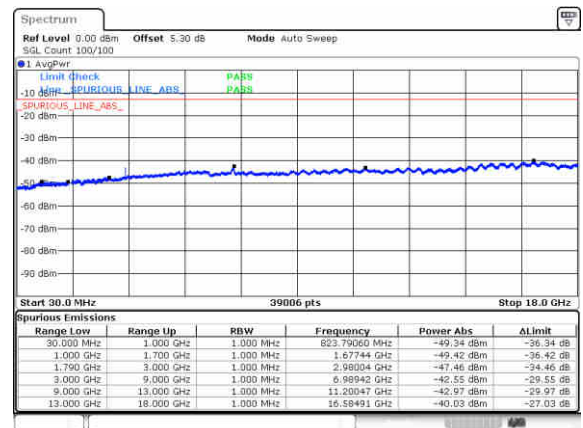
Middle Channel / QPSK



Highest Channel / BPSK



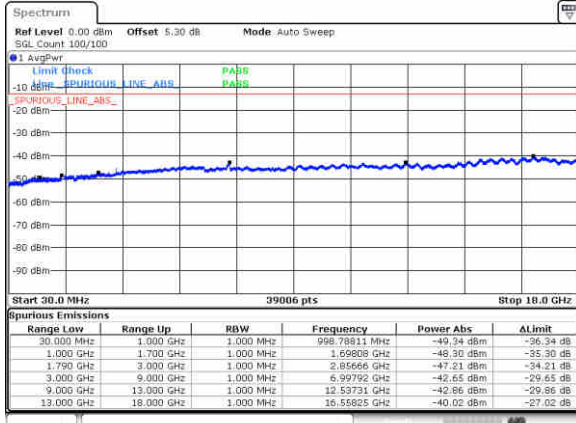
Highest Channel / QPSK





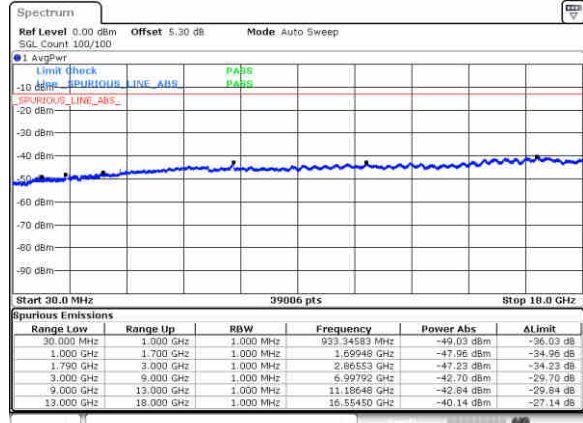
EN-DC_12A_n66A / LTE 10MHz + NR 5MHz

Lowest Channel / BPSK



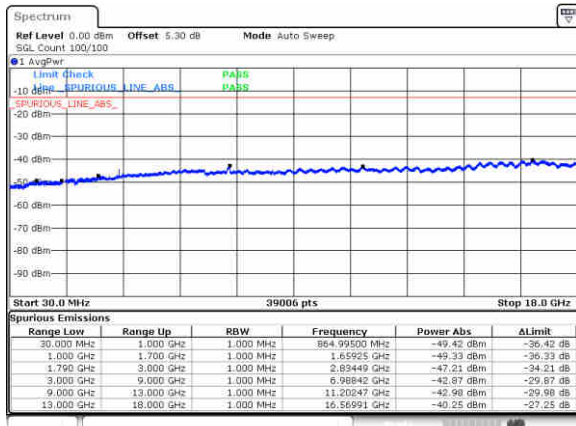
Date: 26.FEB.2020 05:52:03

Lowest Channel / QPSK



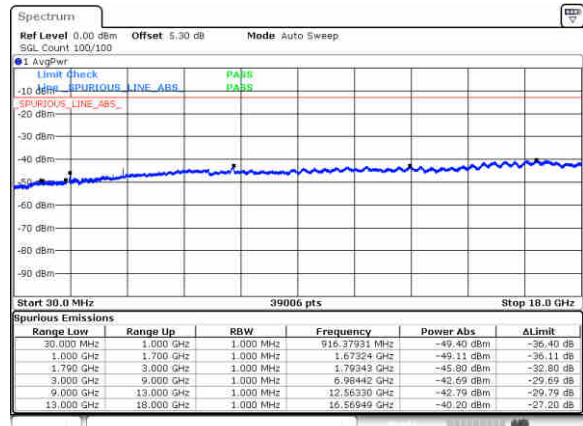
Date: 26.FEB.2020 05:57:32

Middle Channel / BPSK



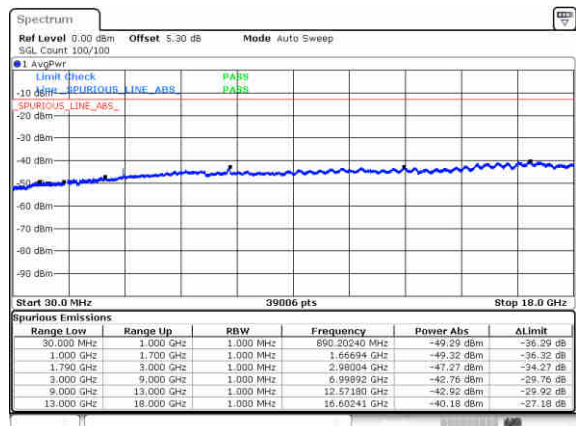
Date: 26.FEB.2020 06:10:12

Middle Channel / QPSK



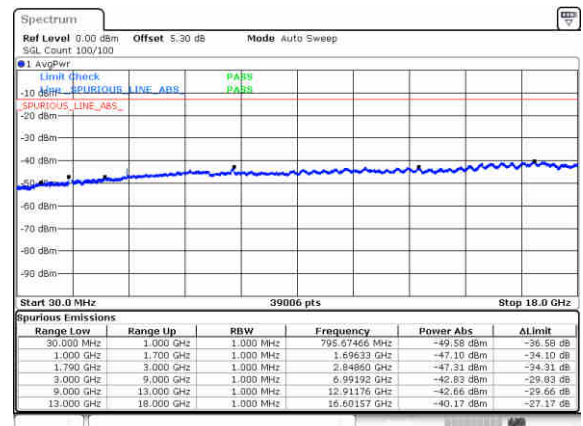
Date: 26.FEB.2020 06:10:14

Highest Channel / BPSK



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

Highest Channel / QPSK

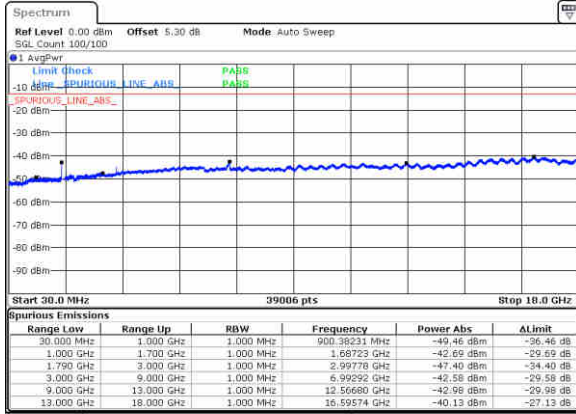


Date: 26.FEB.2020 07:11:10



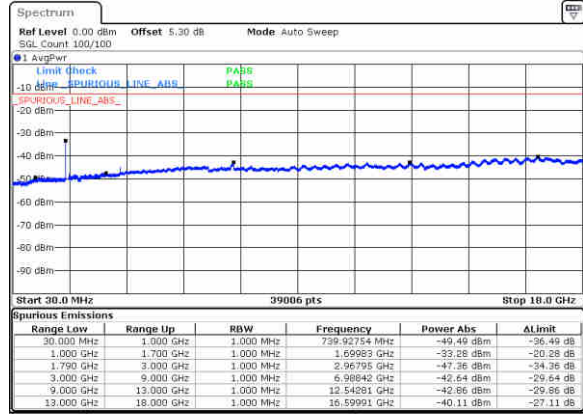
EN-DC_12A_n66A / LTE 10MHz + NR 10MHz

Lowest Channel / BPSK



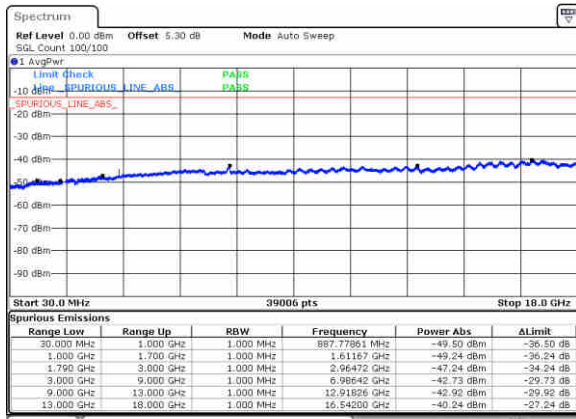
Date: 26.FEB.2020 04:20:59

Lowest Channel / QPSK



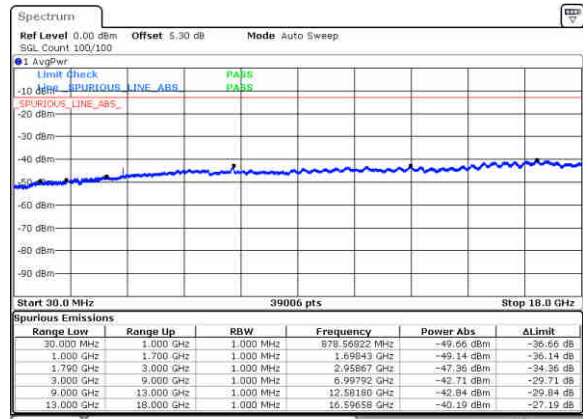
Date: 26.FEB.2020 04:31:39

Middle Channel / BPSK



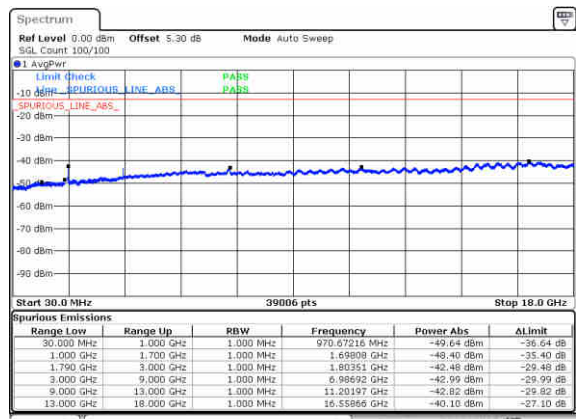
Date: 26.FEB.2020 04:38:50

Middle Channel / QPSK



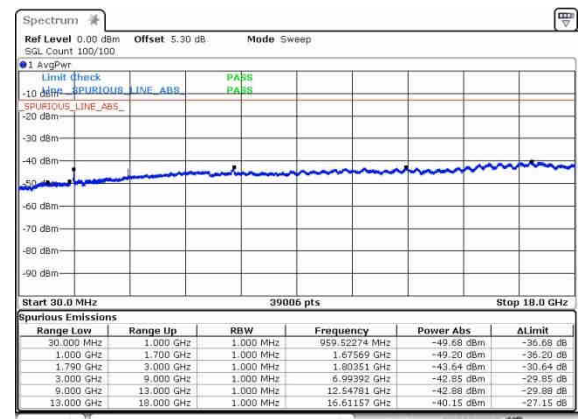
Date: 26.FEB.2020 04:40:57

Highest Channel / BPSK



Date: 26.FEB.2020 04:49:00

Highest Channel / QPSK

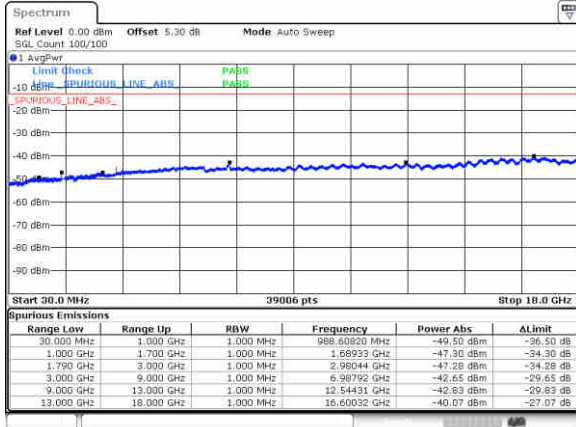


Date: 26.FEB.2020 04:56:30

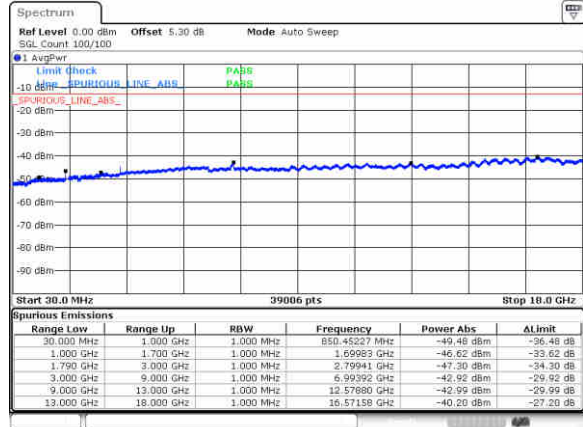


EN-DC_12A_n66A / LTE 10MHz + NR 20MHz

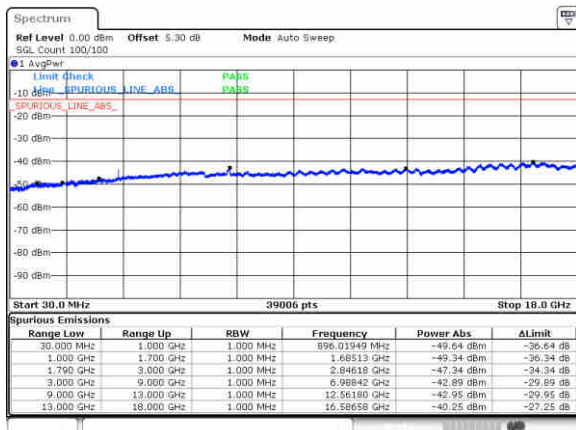
Lowest Channel / BPSK



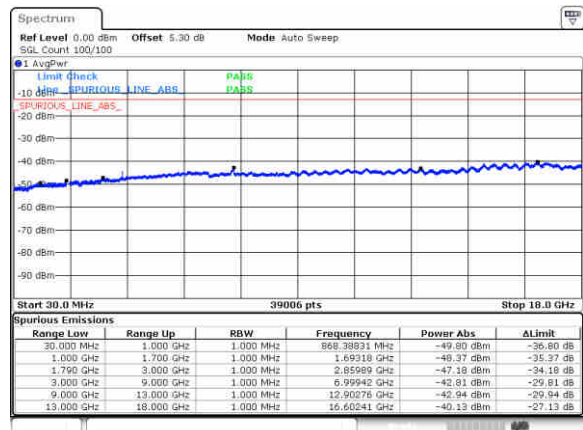
Lowest Channel / QPSK



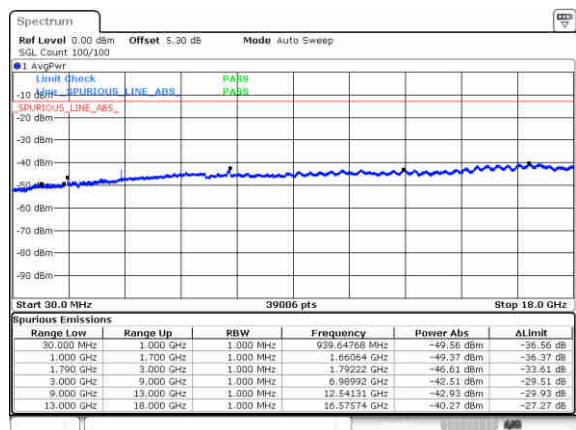
Middle Channel / BPSK



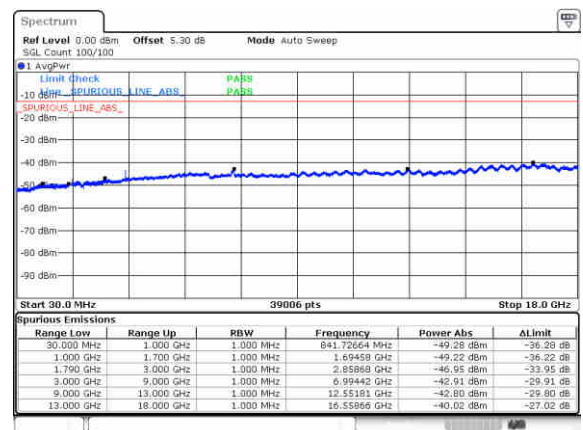
Middle Channel / QPSK



Highest Channel / BPSK



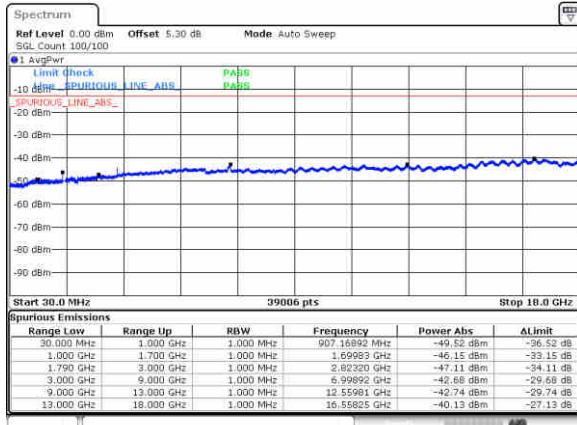
Highest Channel / QPSK





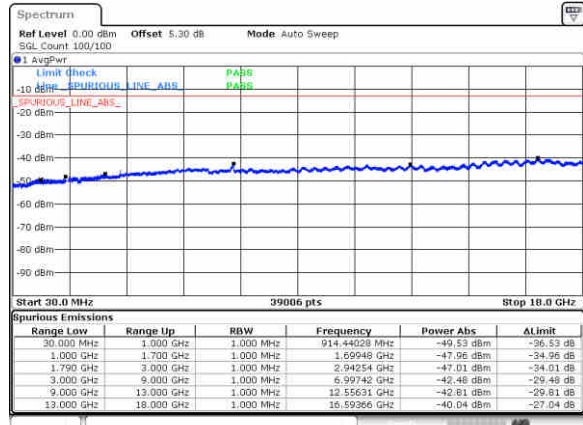
EN-DC_13A_n66A / LTE 10MHz + NR 5MHz

Lowest Channel / BPSK



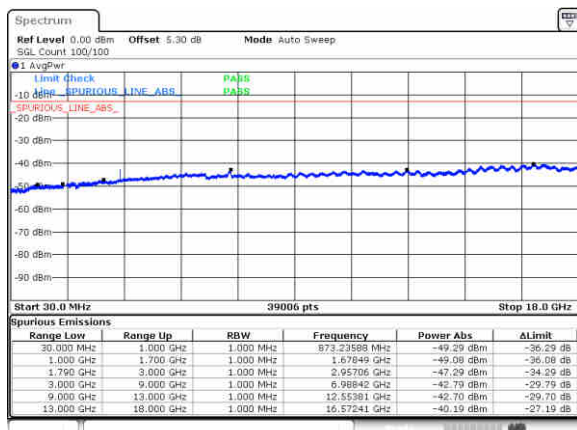
Date: 27.FEB.2020 09:06:27

Lowest Channel / QPSK



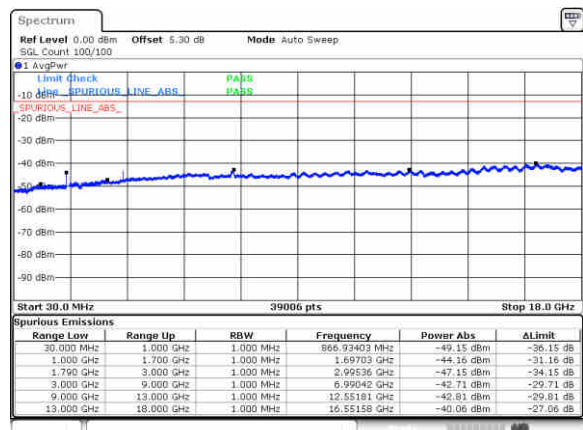
Date: 27.FEB.2020 09:09:46

Middle Channel / BPSK



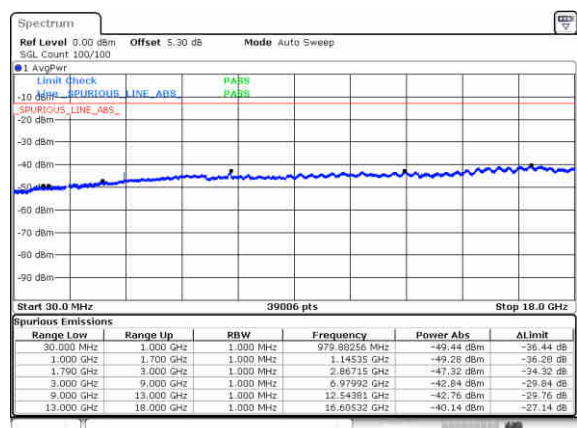
Date: 27.FEB.2020 09:39:57

Middle Channel / QPSK



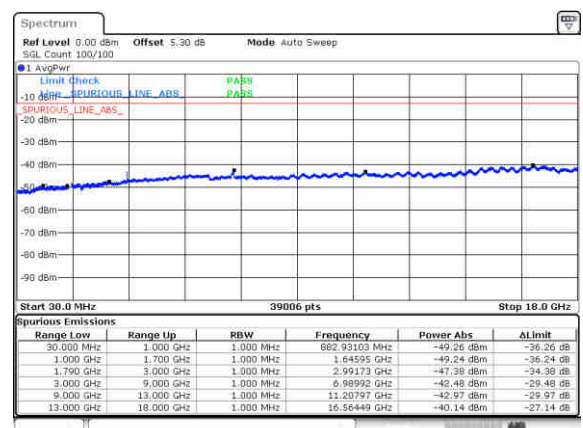
Date: 27.FEB.2020 09:44:20

Highest Channel / BPSK



Date: 27.FEB.2020 09:46:59

Highest Channel / QPSK

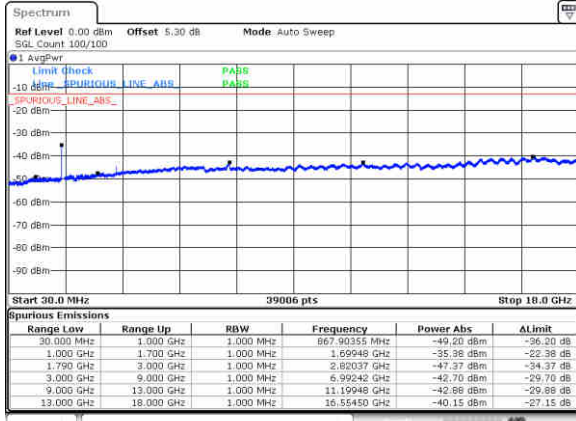


Date: 27.FEB.2020 09:49:53



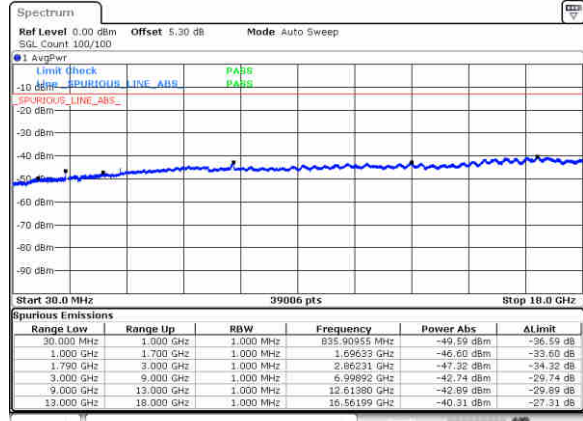
EN-DC_13A_n66A / LTE 10MHz + NR 10MHz

Lowest Channel / BPSK



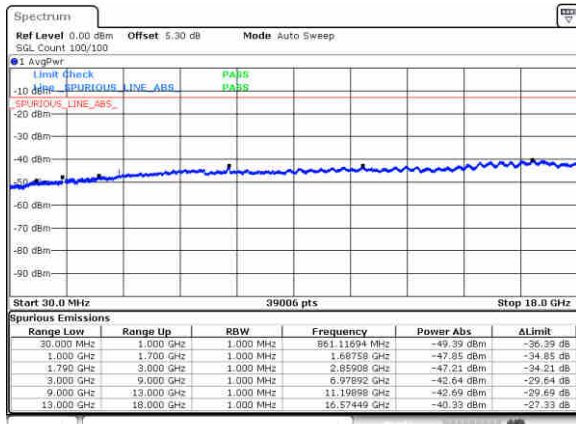
Date: 26.FEB.2020 11:47:09

Lowest Channel / QPSK



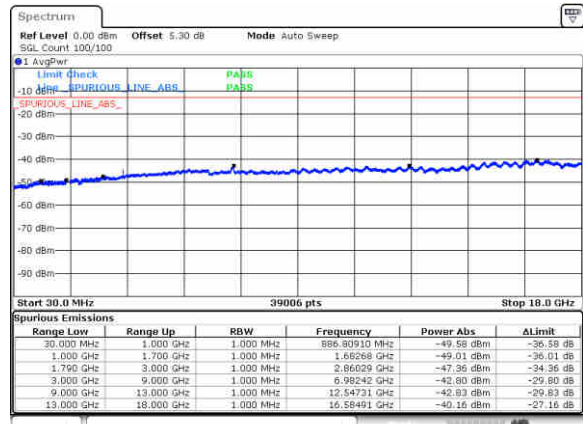
Date: 26.FEB.2020 11:44:15

Middle Channel / BPSK



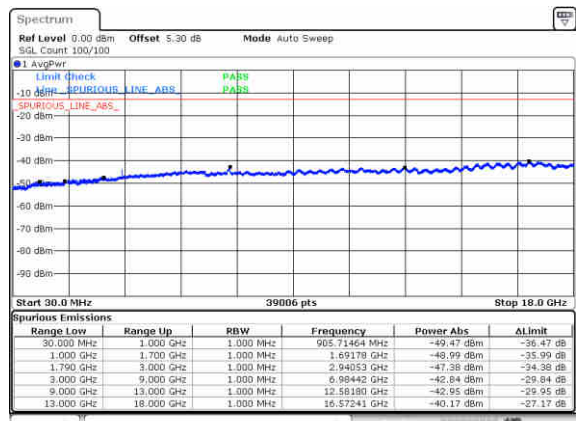
Date: 26.FEB.2020 12:11:21

Middle Channel / QPSK



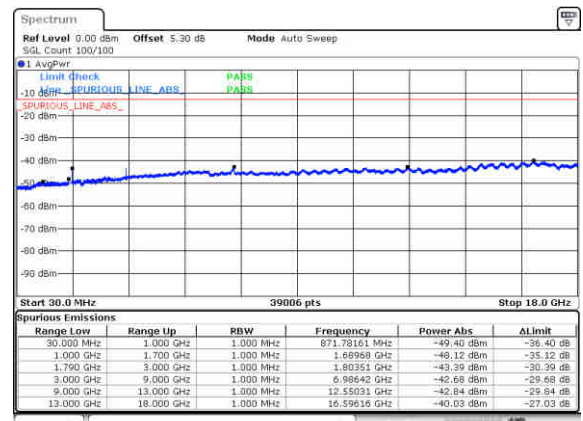
Date: 26.FEB.2020 12:14:40

Highest Channel / BPSK



Date: 26.FEB.2020 12:12:43

Highest Channel / QPSK

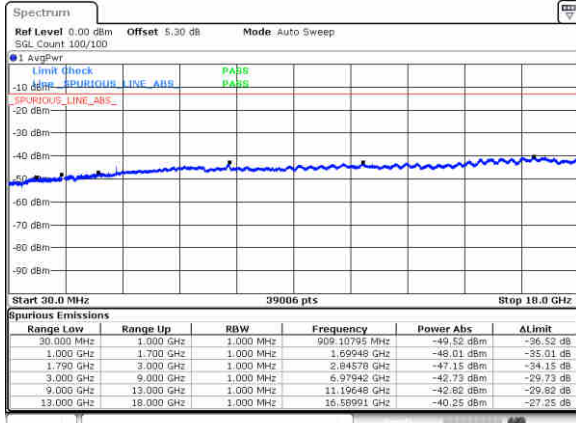


Date: 26.FEB.2020 12:15:10



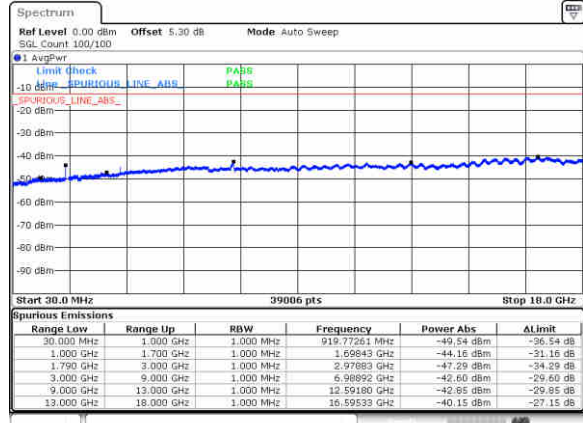
EN-DC_13A_n66A / LTE 10MHz + NR 20MHz

Lowest Channel / BPSK



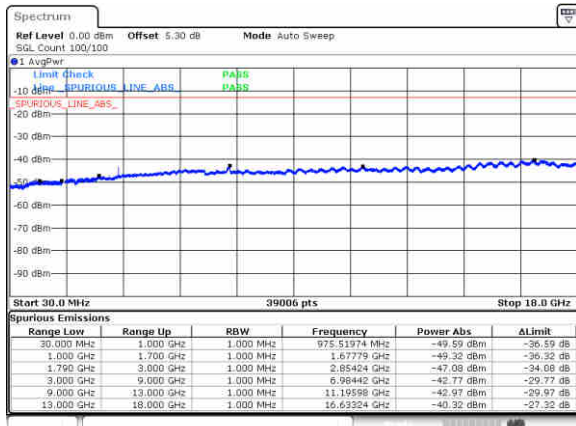
Date: 26.FEB.2020 10:43:51

Lowest Channel / QPSK



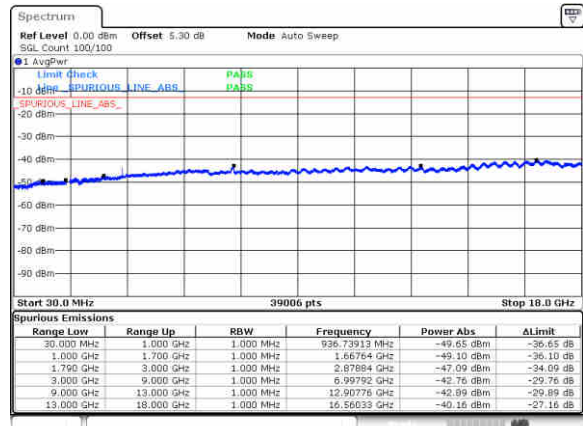
Date: 26.FEB.2020 10:48:52

Middle Channel / BPSK



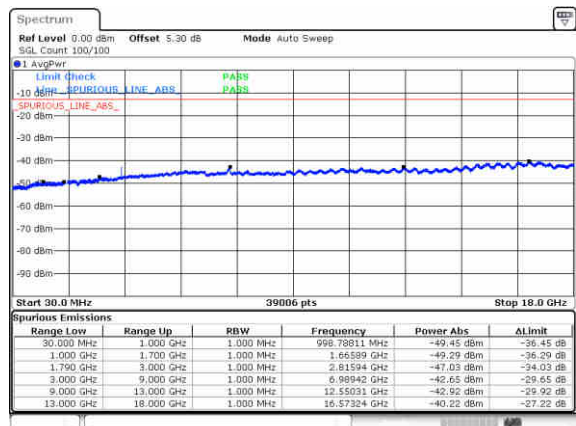
Date: 26.FEB.2020 10:57:49

Middle Channel / QPSK



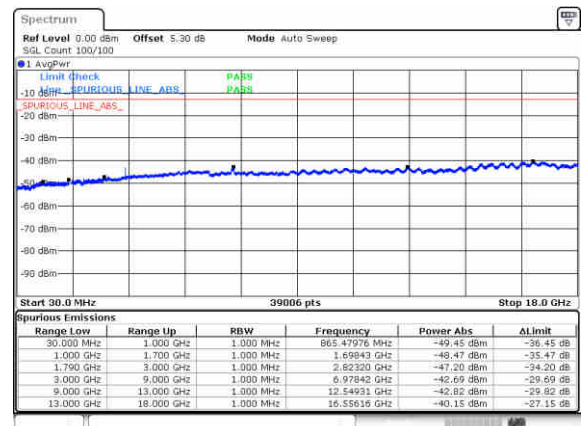
Date: 26.FEB.2020 10:54:34

Highest Channel / BPSK



Date: 26.FEB.2020 10:52:02

Highest Channel / QPSK



Date: 26.FEB.2020 10:57:20

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.

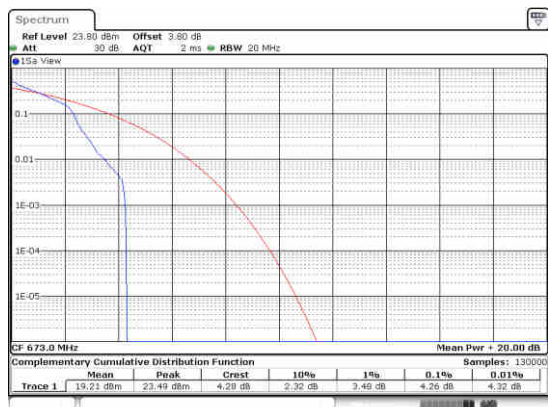


5G NR n71

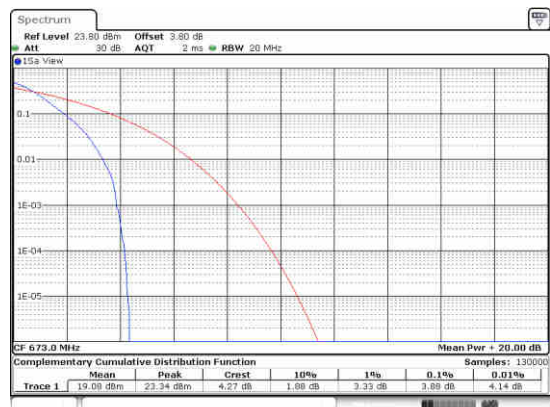
Peak-to-Average Ratio

EN-DC_2A_n71A / LTE 20MHz + NR 20MHz / BPSK

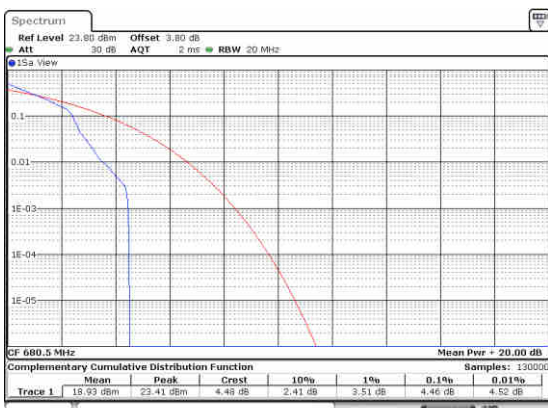
Lowest Channel / 1RB0



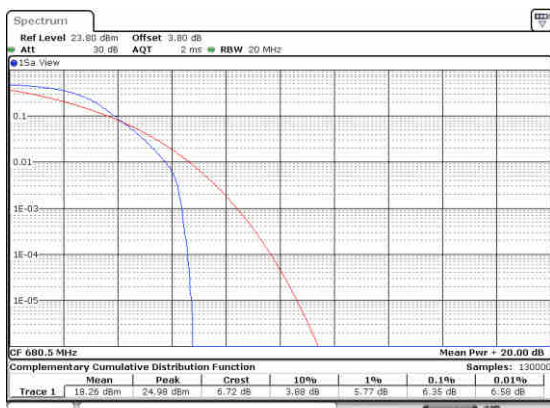
Lowest Channel / 100RB0



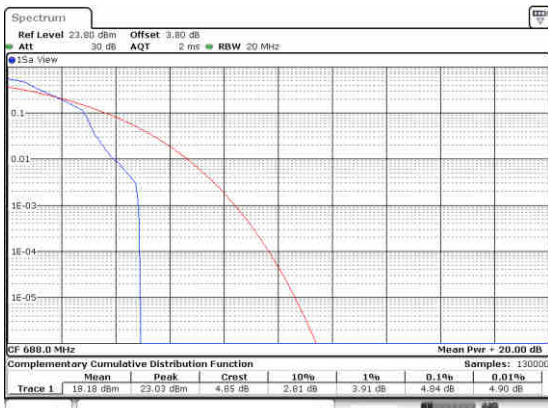
Middle Channel / 1RB0



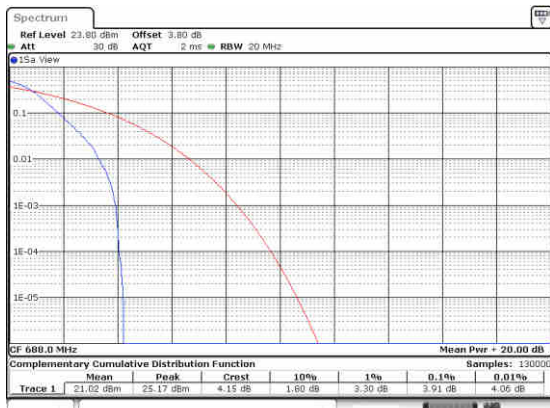
Middle Channel / 100RB0



Highest Channel / 1RB0



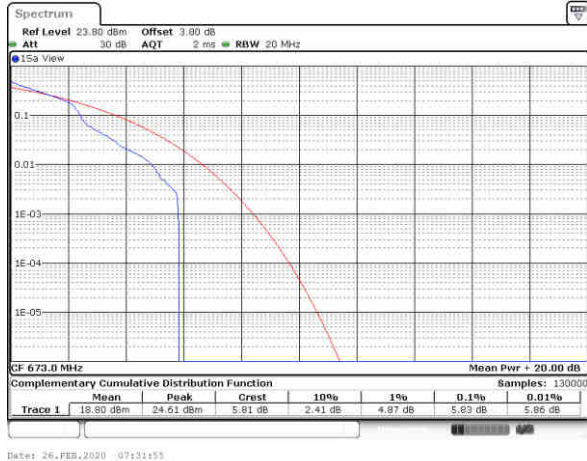
Highest Channel / 100RB0



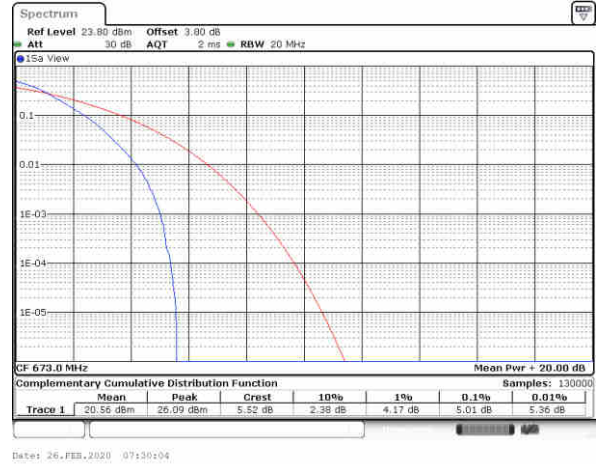


EN-DC_2A_n71A / LTE 20MHz + NR 20MHz / QPSK

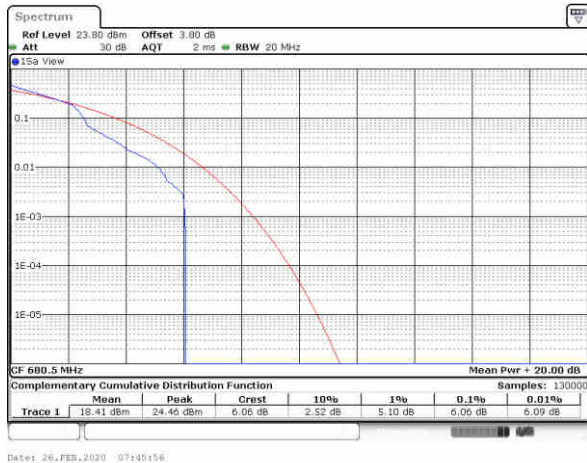
Lowest Channel / 1RB0



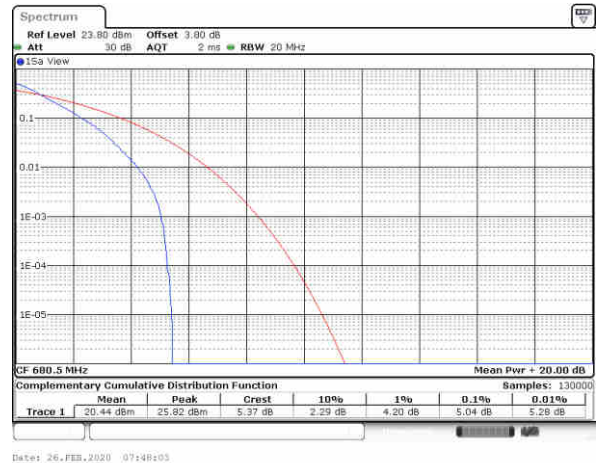
Lowest Channel / 100RB0



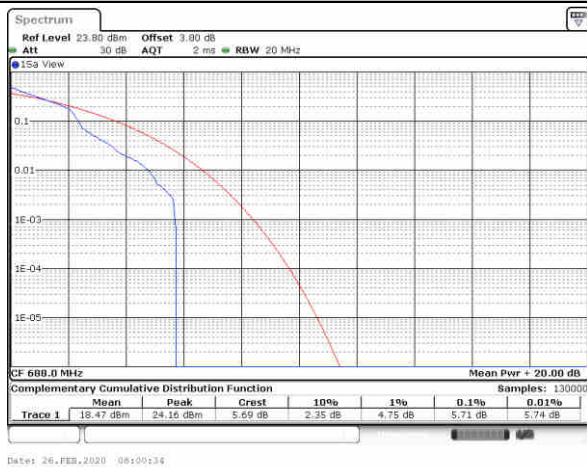
Middle Channel / 1RB0



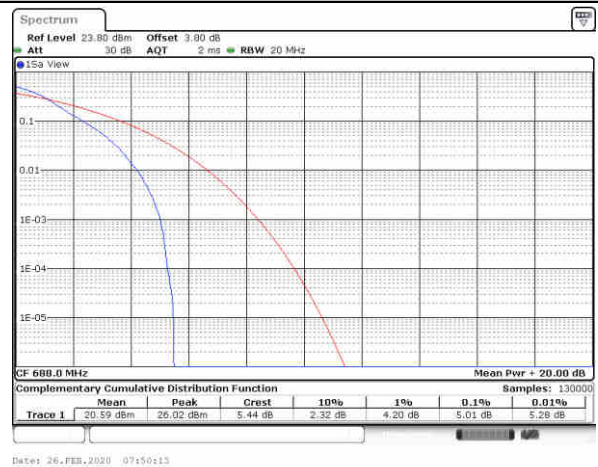
Middle Channel / 100RB0

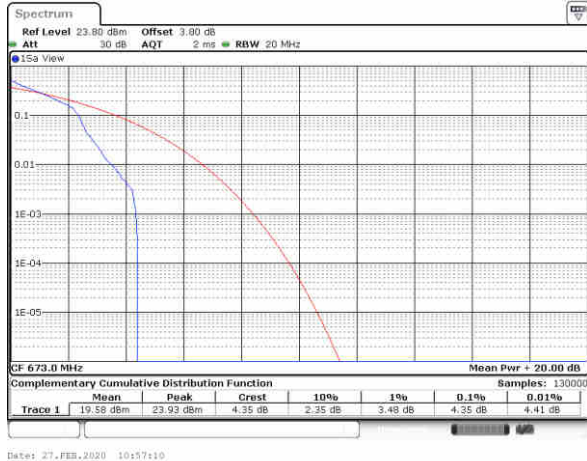
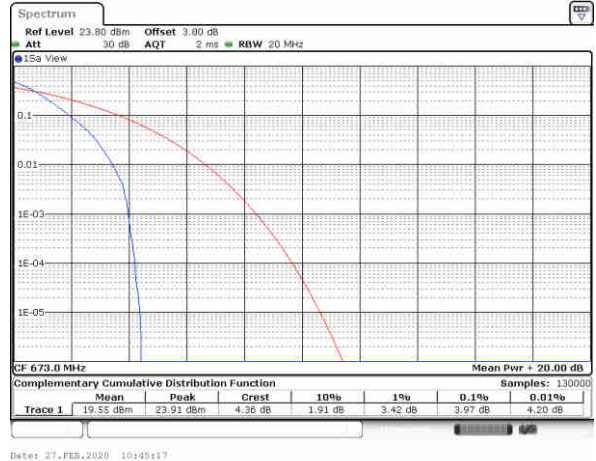
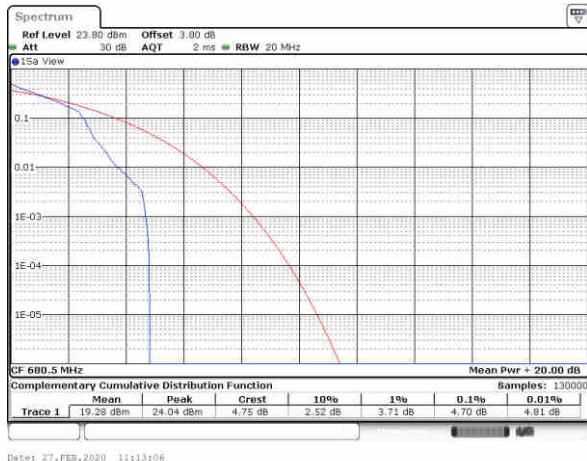
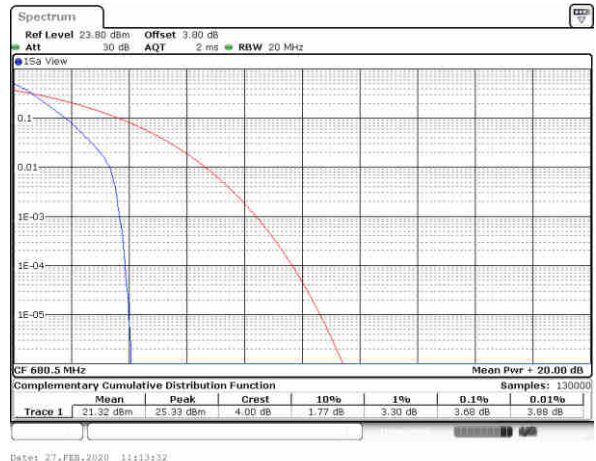
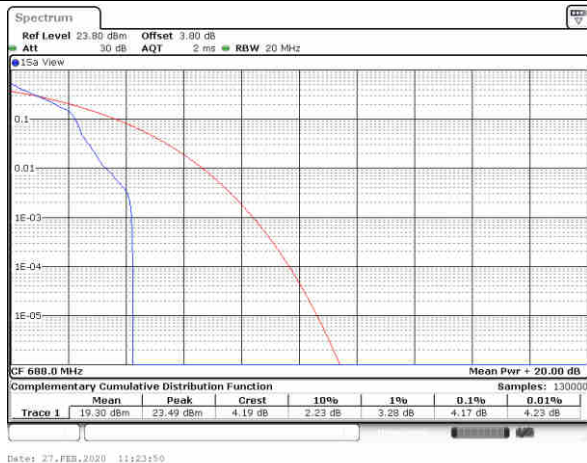
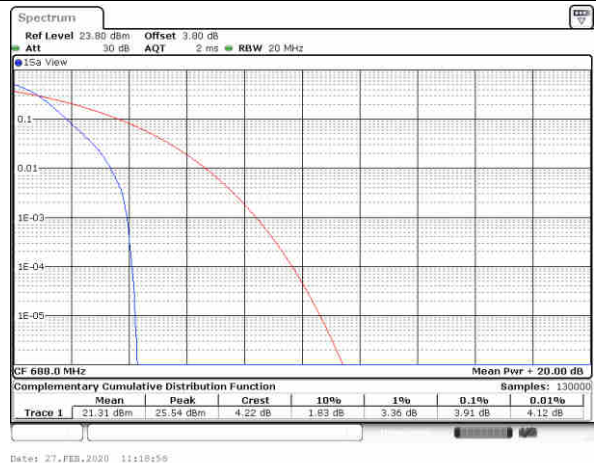


Highest Channel / 1RB0



Highest Channel / 100RB0

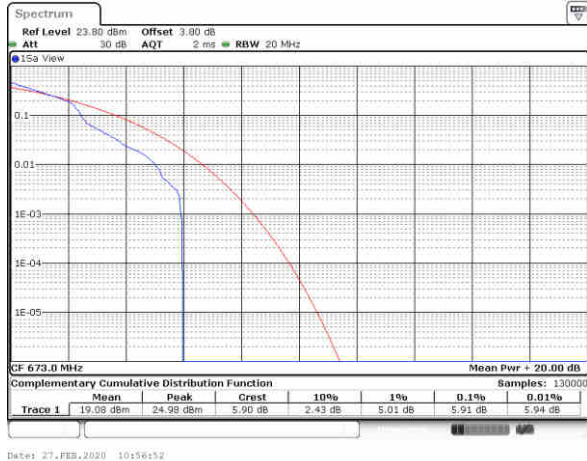


EN-DC_66A_n71A / LTE 20MHz + NR 20MHz / BPSK
Lowest Channel / 1RB0

Lowest Channel / 100RB0

Middle Channel / 1RB0

Middle Channel / 100RB0

Highest Channel / 1RB0

Highest Channel / 100RB0


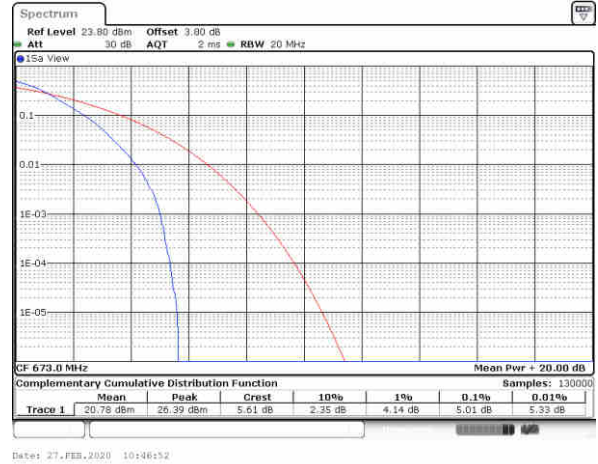


EN-DC_66A_n71A / LTE 20MHz + NR 20MHz / QPSK

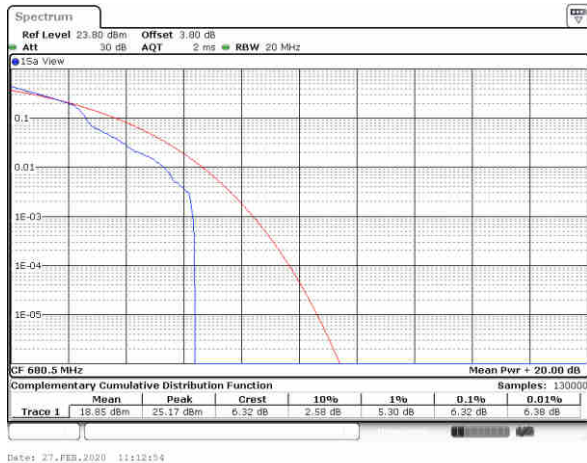
Lowest Channel / 1RB0



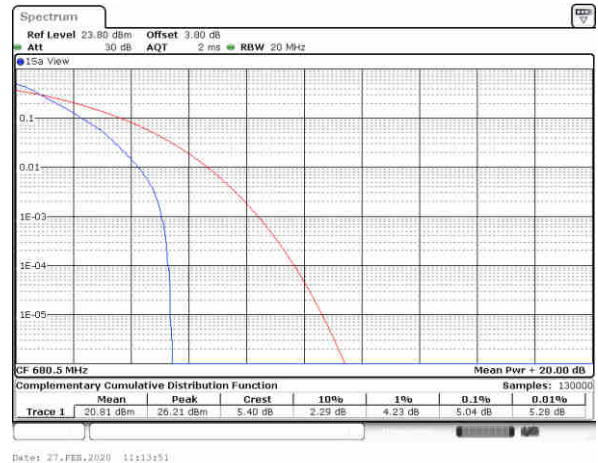
Lowest Channel / 100RB0



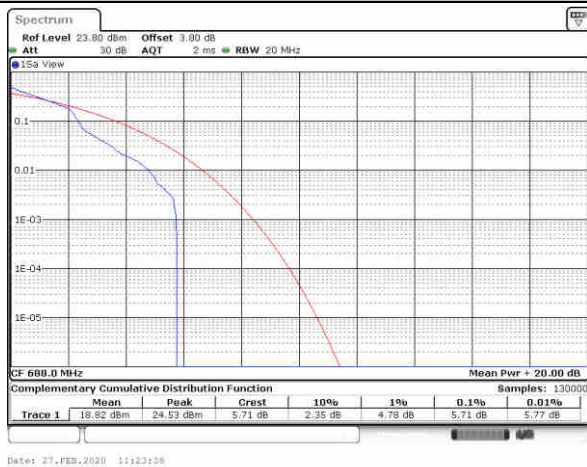
Middle Channel / 1RB0



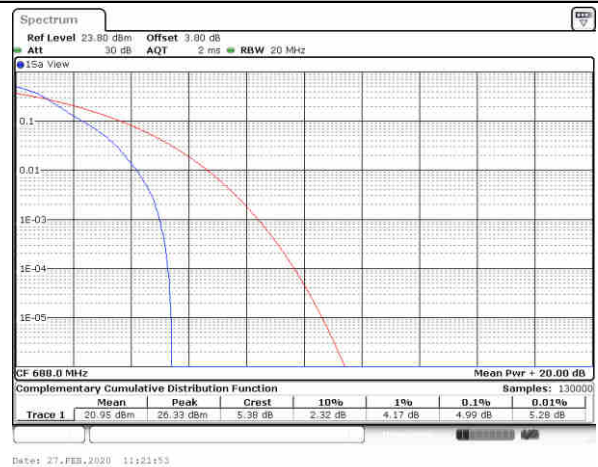
Middle Channel / 100RB0

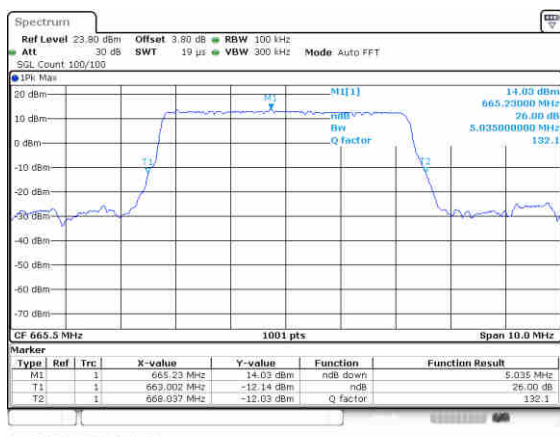
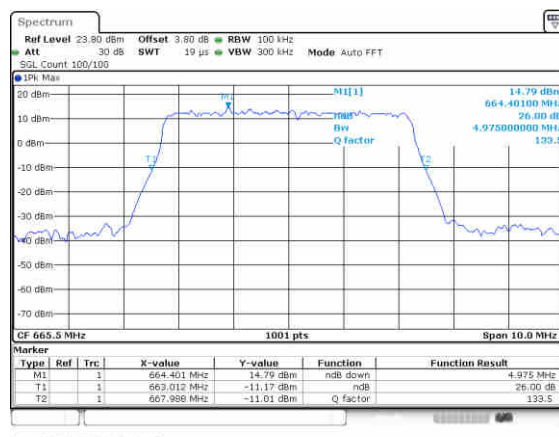
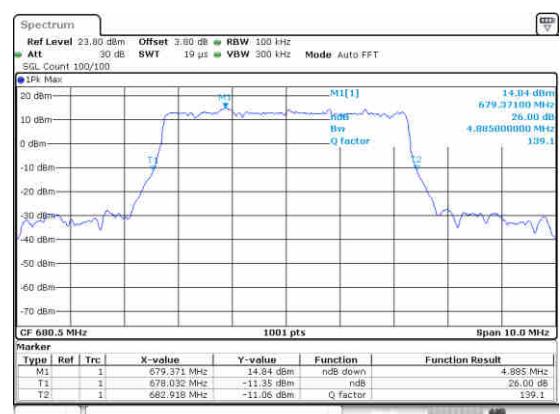
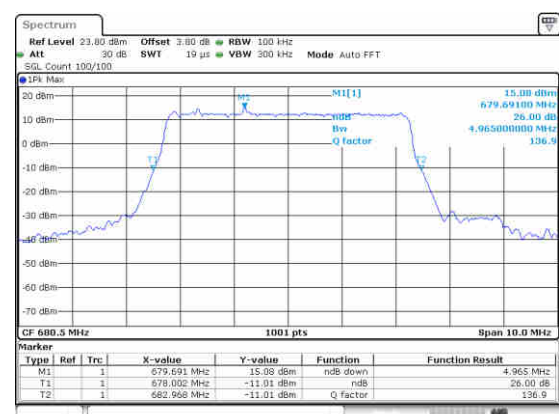
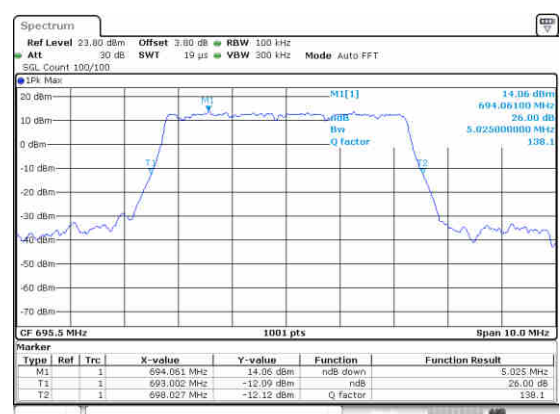
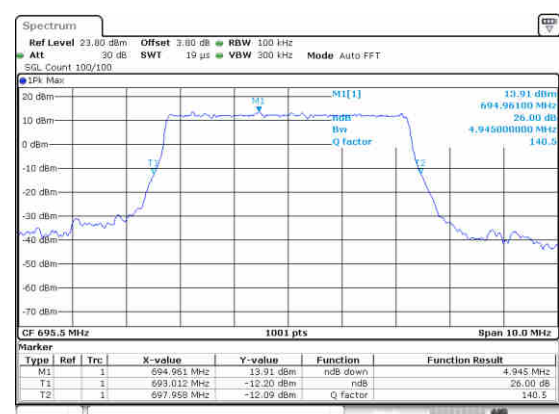


Highest Channel / 1RB0



Highest Channel / 100RB0



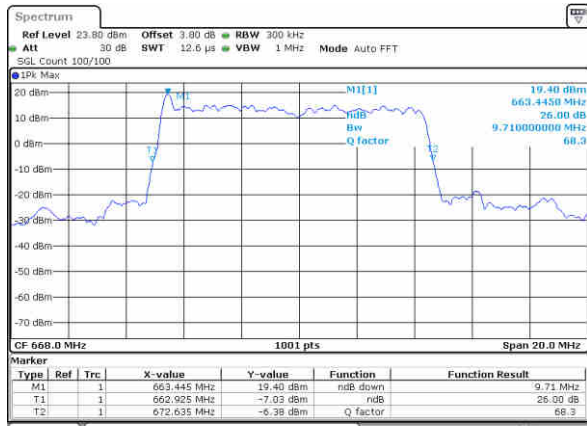
**26dB Bandwidth****EN-DC_2A_n71A****Combination LTE 20MHz + NR 5MHz****Lowest Channel / BPSK****Lowest Channel / QPSK****Middle Channel / BPSK****Middle Channel / QPSK****Highest Channel / BPSK****Highest Channel / QPSK**



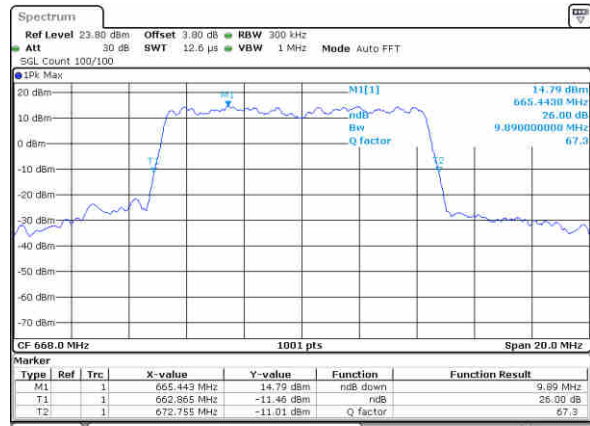
EN-DC_2A_n71A

Combination LTE 20MHz + NR 10MHz

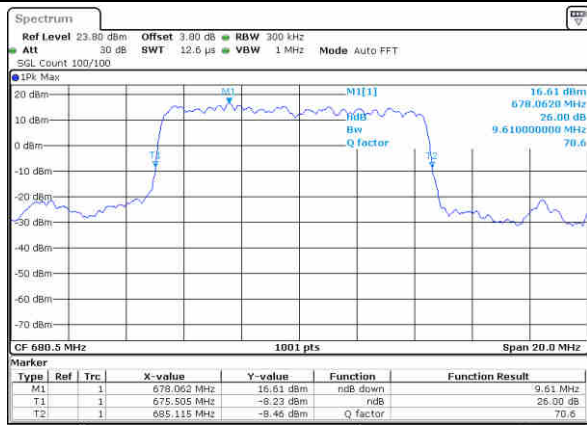
Lowest Channel / BPSK



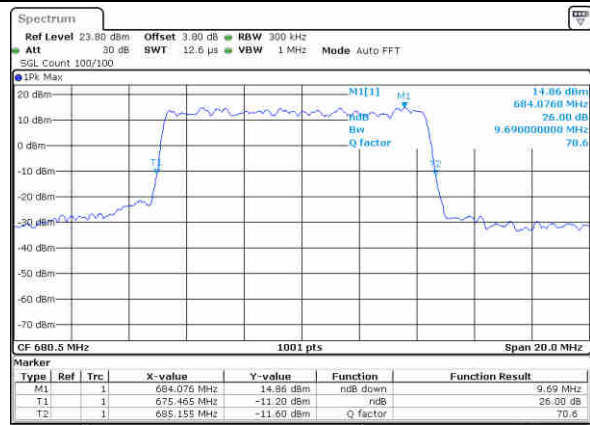
Lowest Channel / QPSK



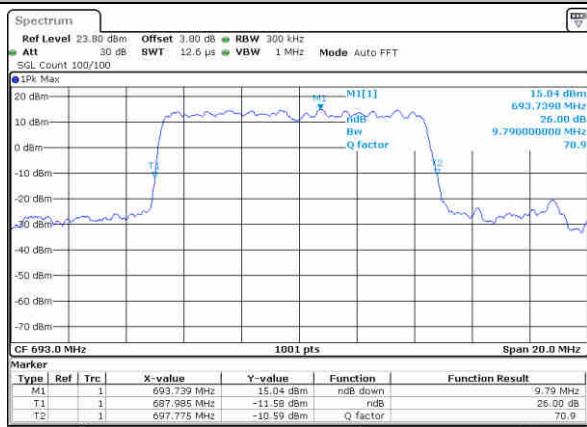
Middle Channel / BPSK



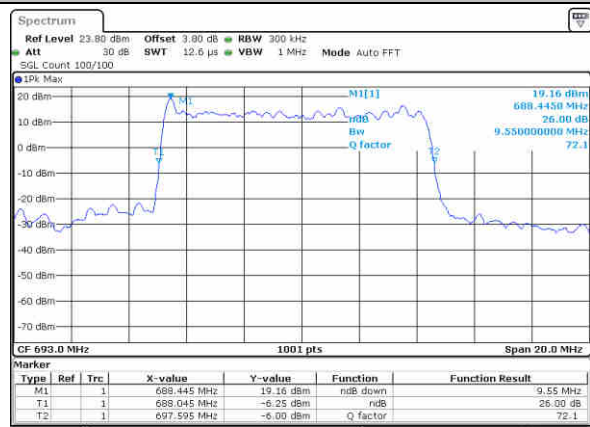
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

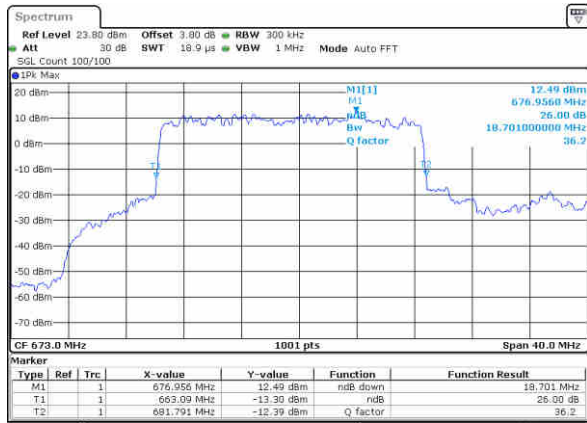




EN-DC_2A_n71A

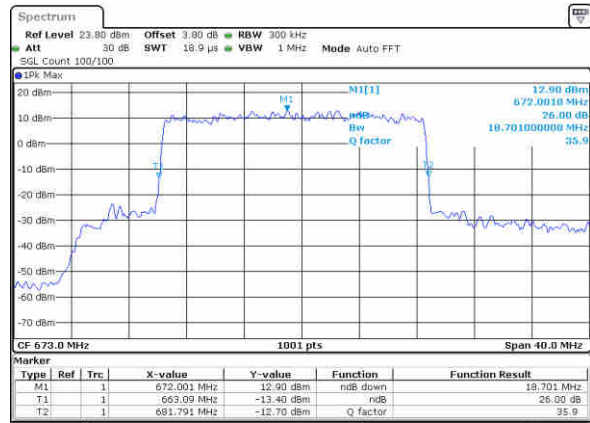
Combination LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



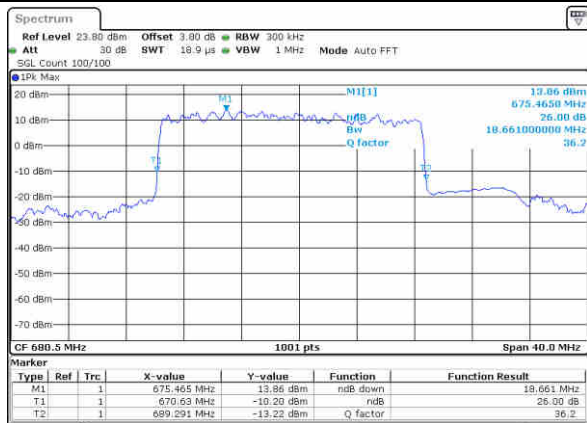
Date: 26.FEB.2020 07:13:56

Lowest Channel / QPSK



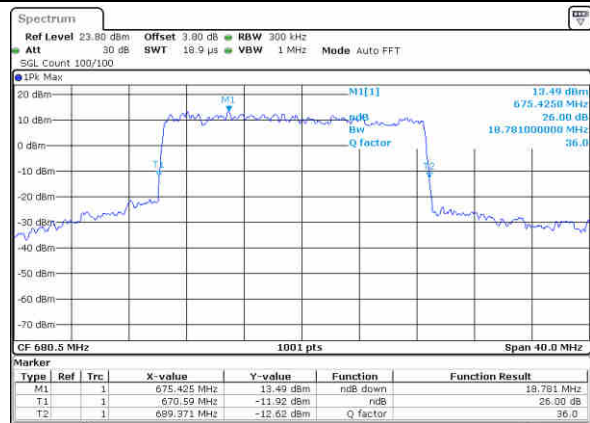
Date: 26.FEB.2020 07:13:20

Middle Channel / BPSK



Date: 26.FEB.2020 07:47:09

Middle Channel / QPSK



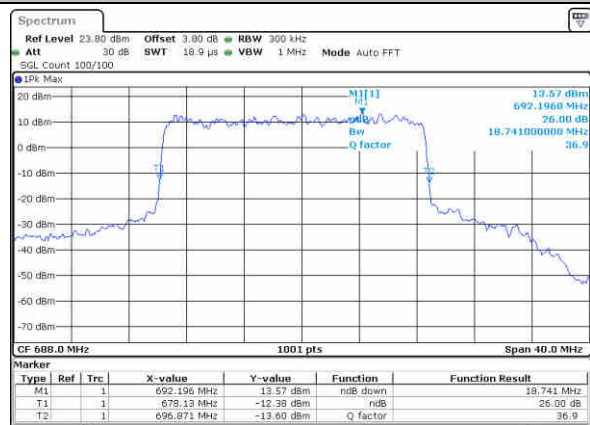
Date: 26.FEB.2020 07:47:50

Highest Channel / BPSK



Date: 26.FEB.2020 07:51:19

Highest Channel / QPSK



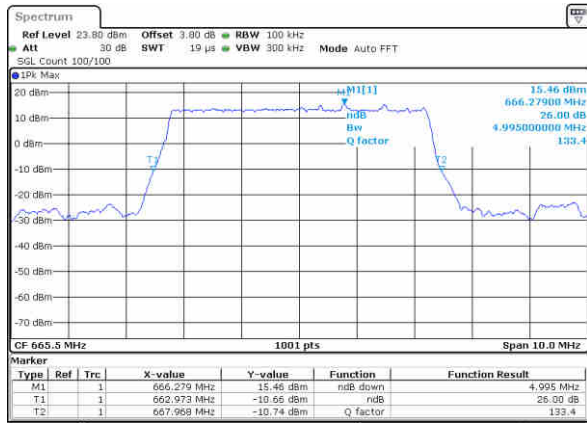
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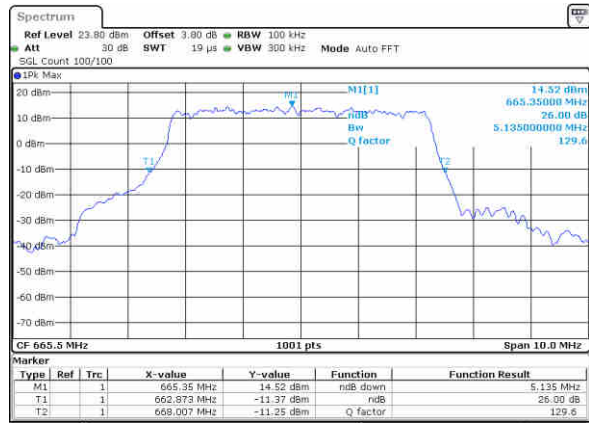
EN-DC_66A_n71A

Combination LTE 20MHz + NR 5MHz

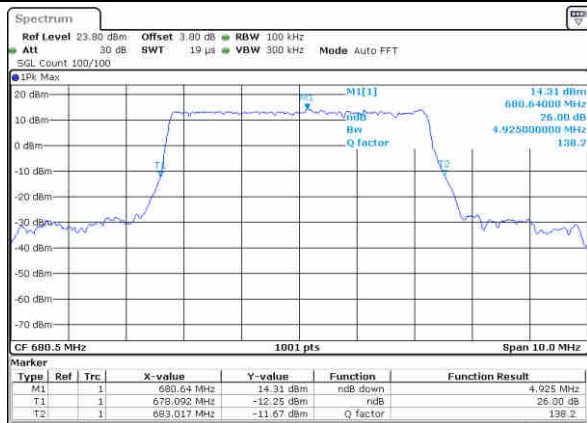
Lowest Channel / BPSK



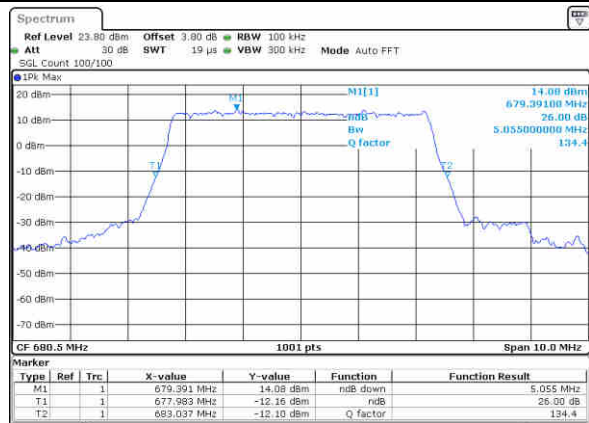
Lowest Channel / QPSK



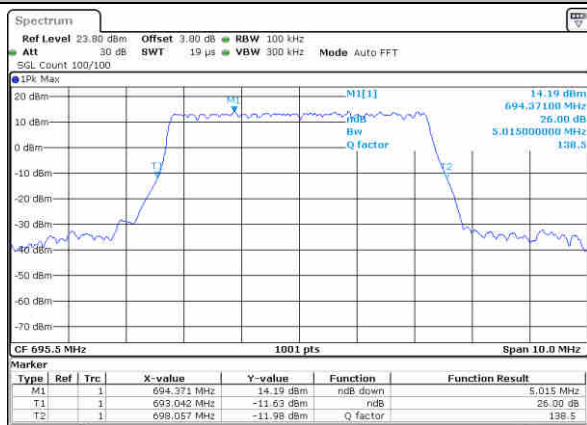
Middle Channel / BPSK



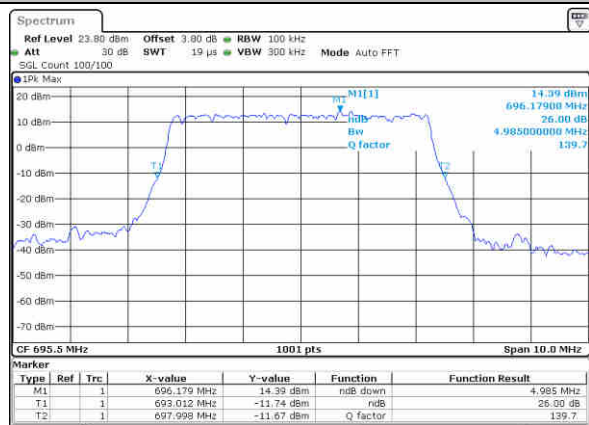
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

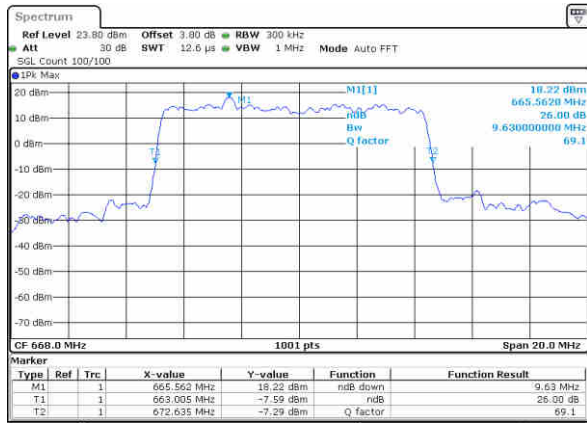




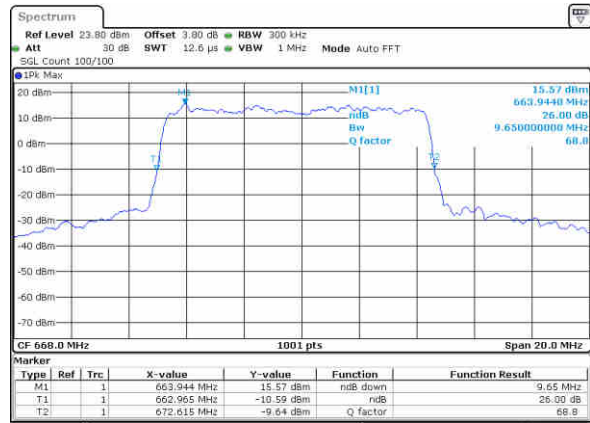
EN-DC_66A_n71A

Combination LTE 20MHz + NR 10MHz

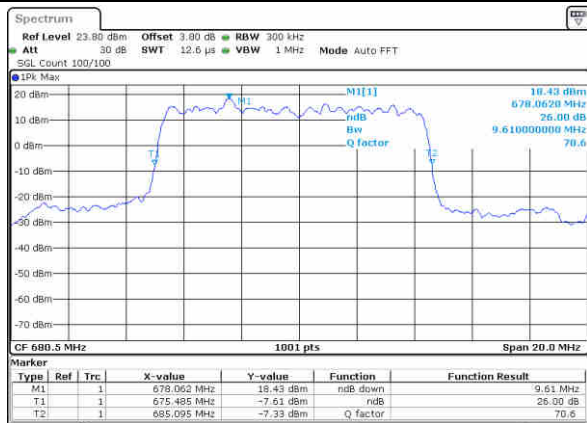
Lowest Channel / BPSK



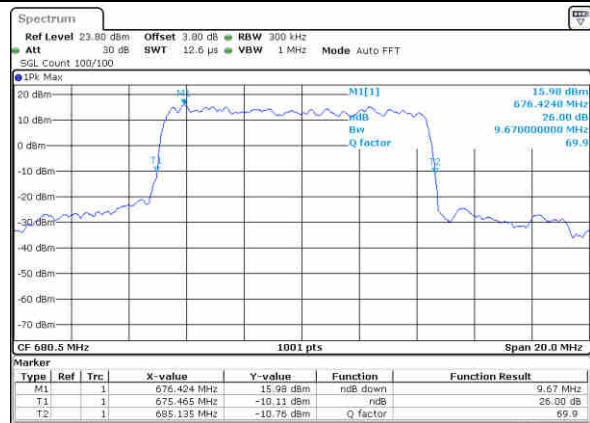
Lowest Channel / QPSK



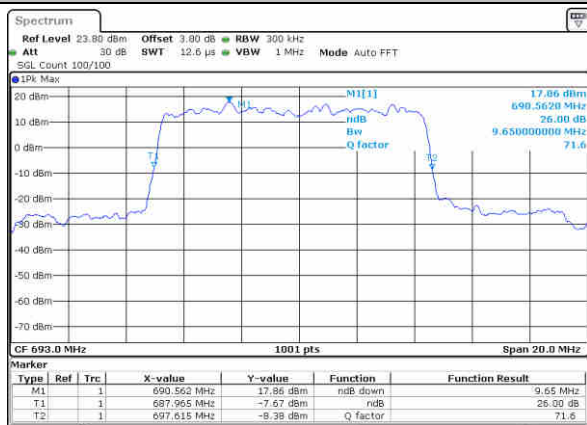
Middle Channel / BPSK



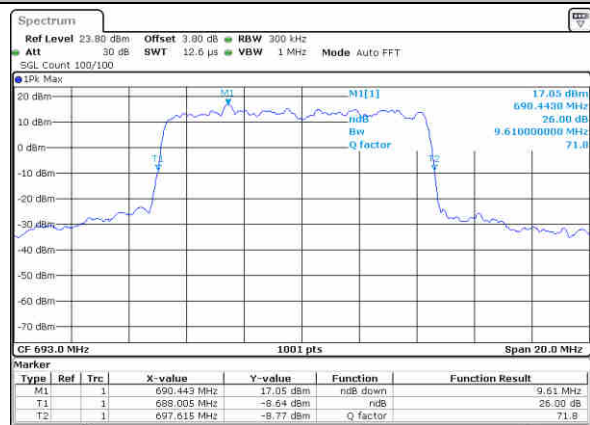
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

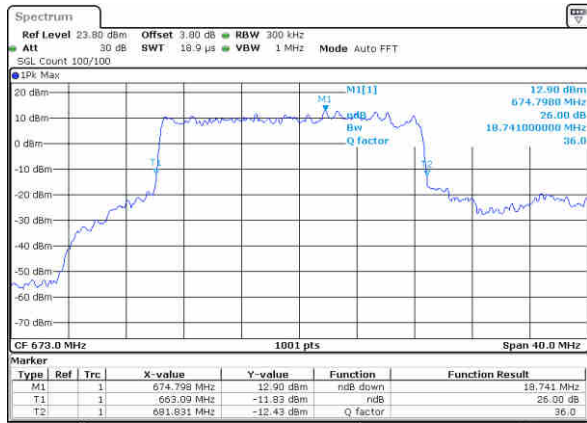




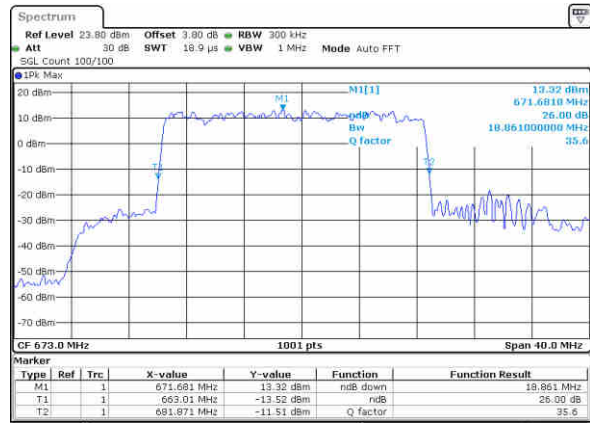
EN-DC_66A_n71A

Combination LTE 20MHz + NR 20MHz

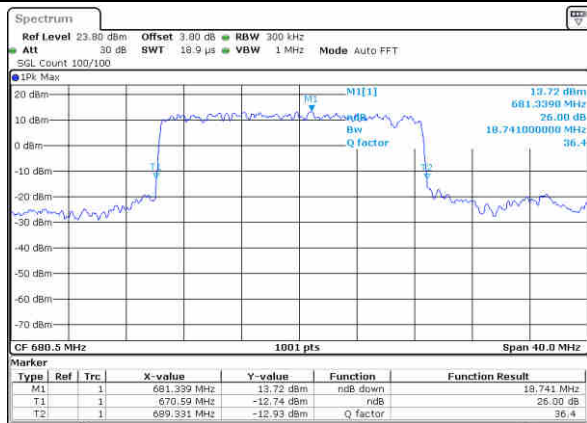
Lowest Channel / BPSK



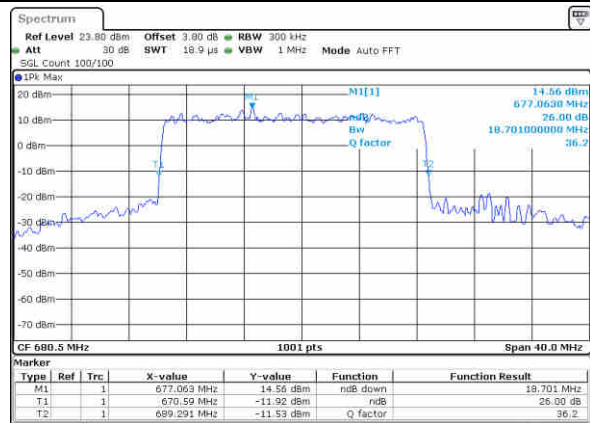
Lowest Channel / QPSK



Middle Channel / BPSK



Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

