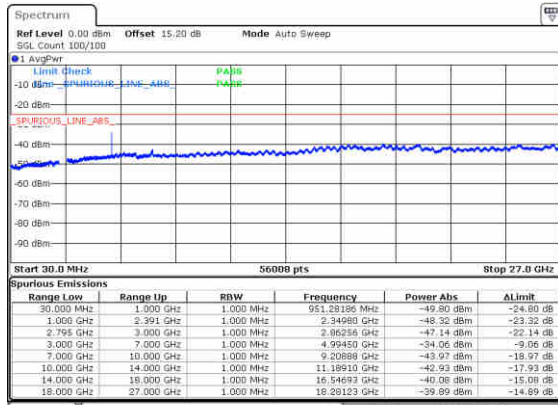




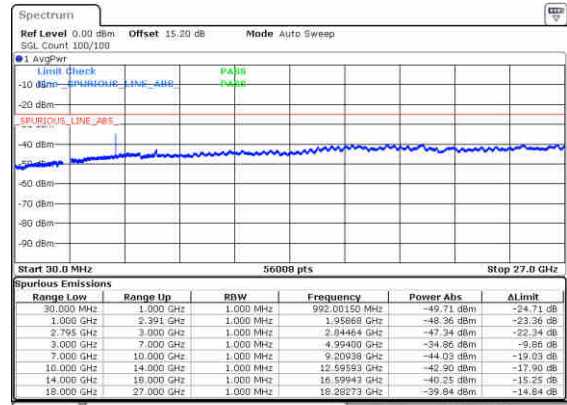
Conducted Spurious Emission

EN-DC_2A_n41A / LTE 20MHz + NR 20MHz

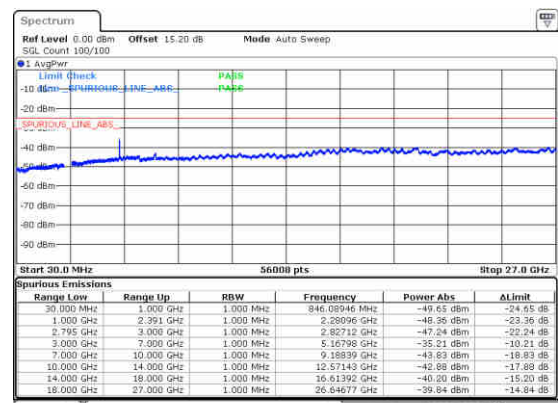
Lowest Channel / BPSK



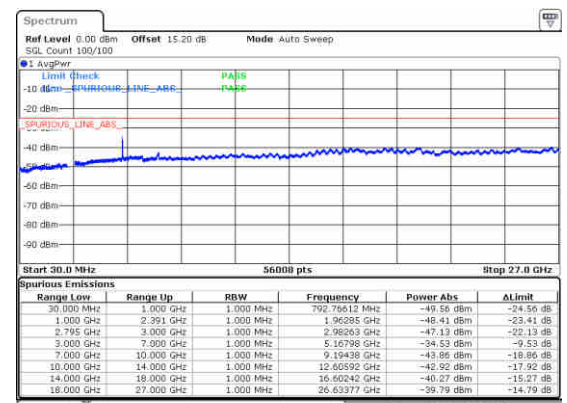
Lowest Channel / QPSK



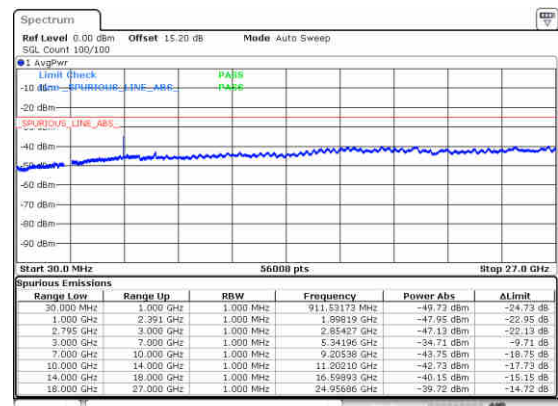
Middle Channel / BPSK



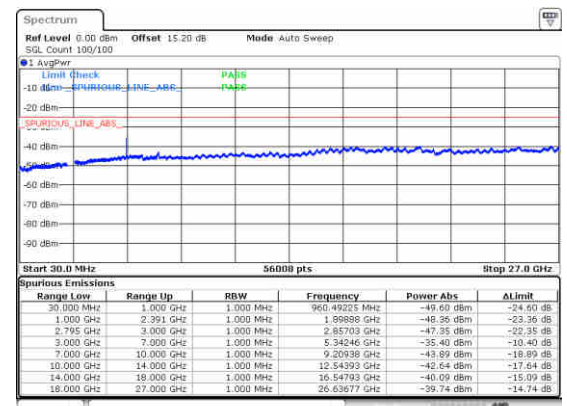
Middle Channel / QPSK



Highest Channel / BPSK



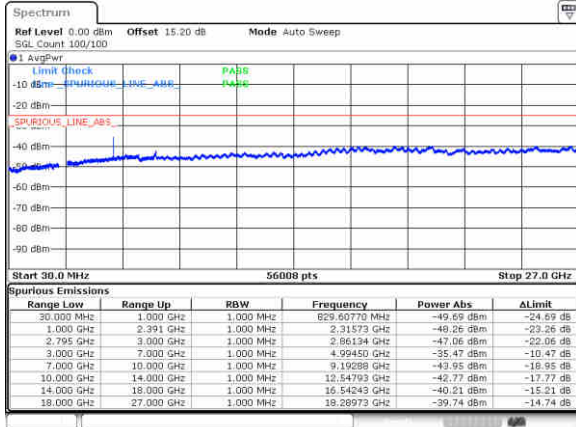
Highest Channel / QPSK



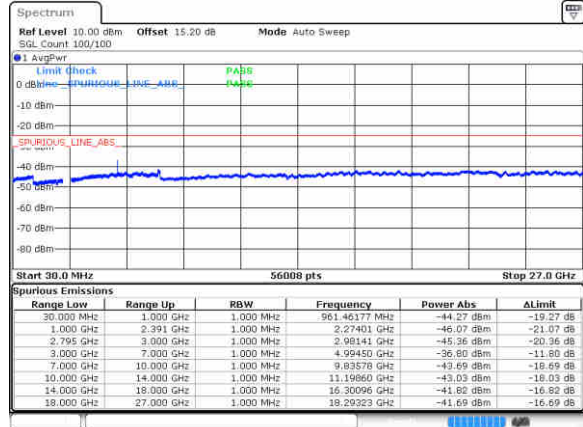


EN-DC_2A_n41A / LTE 20MHz + NR 60MHz

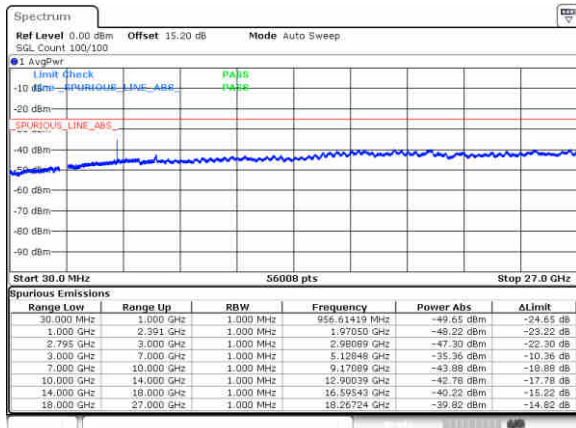
Lowest Channel / BPSK



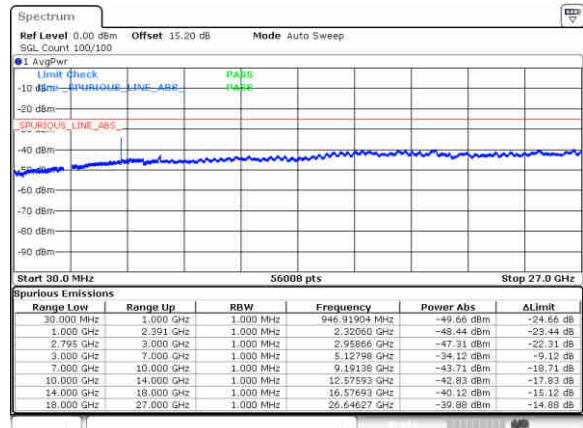
Lowest Channel / QPSK



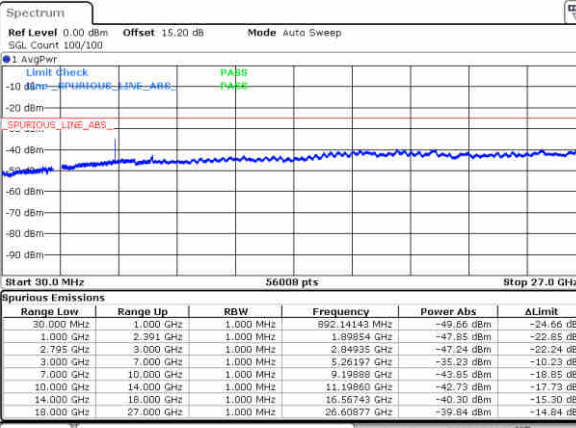
Middle Channel / BPSK



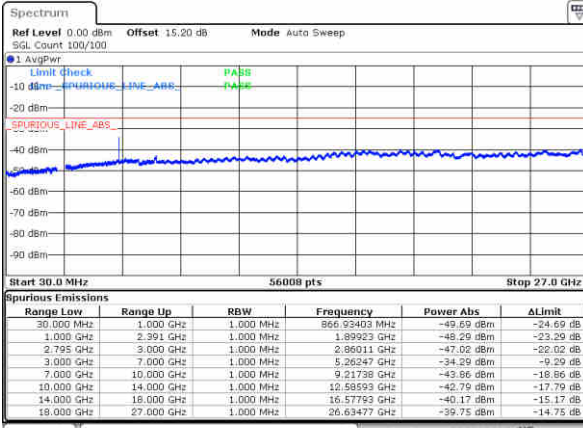
Middle Channel / QPSK



Highest Channel / BPSK



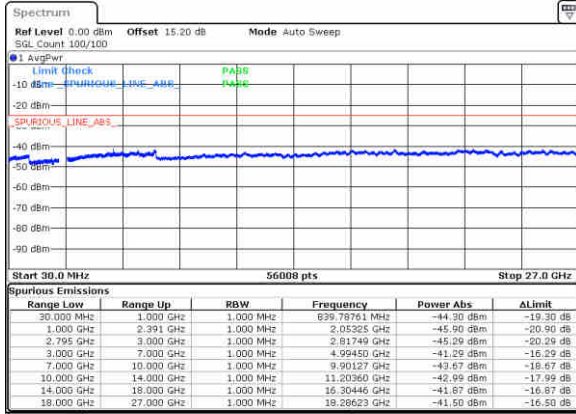
Highest Channel / QPSK





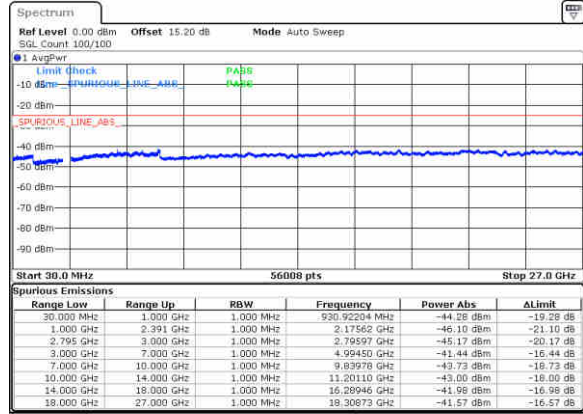
EN-DC_2A_n41A / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



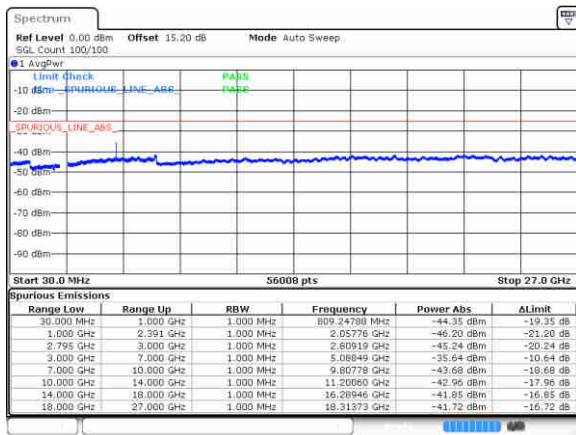
Date: 23.FEB.2020 06:46:14

Lowest Channel / QPSK



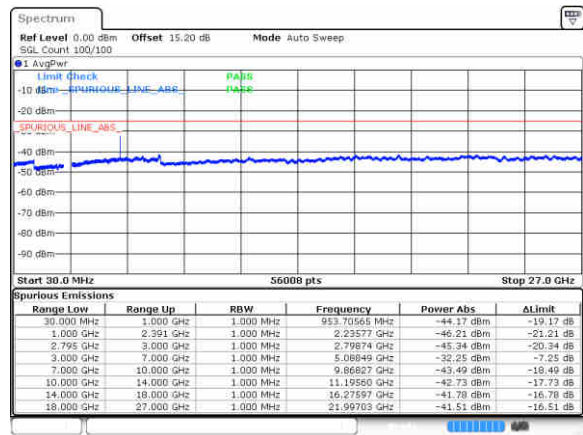
Date: 23.FEB.2020 06:43:14

Middle Channel / BPSK



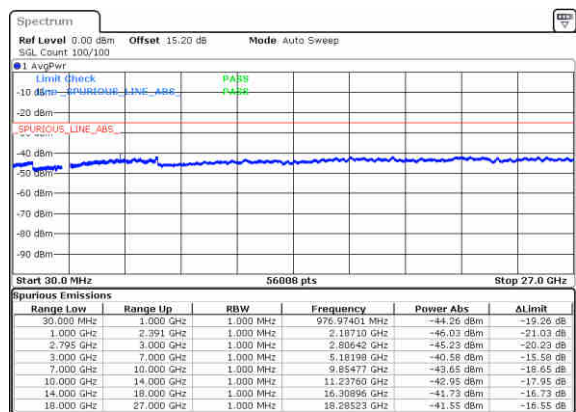
Date: 23.FEB.2020 06:49:26

Middle Channel / QPSK



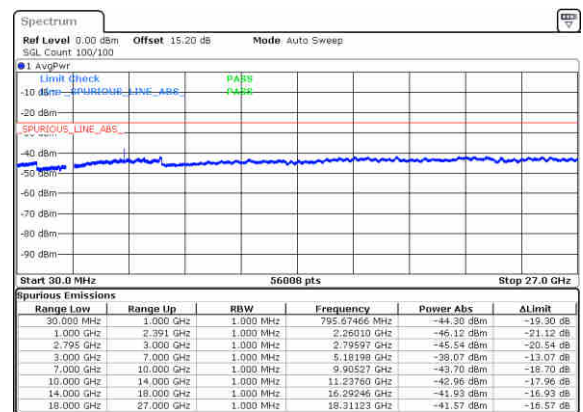
Date: 23.FEB.2020 06:51:48

Highest Channel / BPSK



Date: 23.FEB.2020 07:28:00

Highest Channel / QPSK

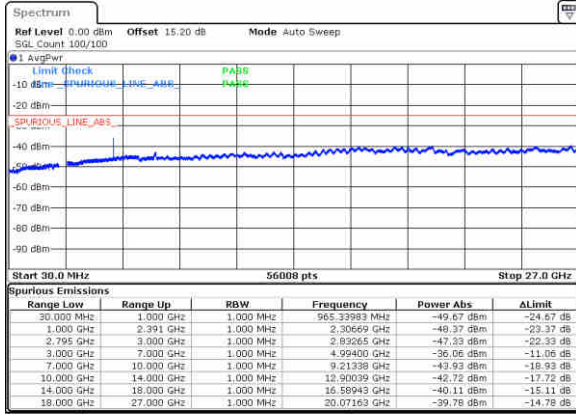


Date: 23.FEB.2020 07:28:31



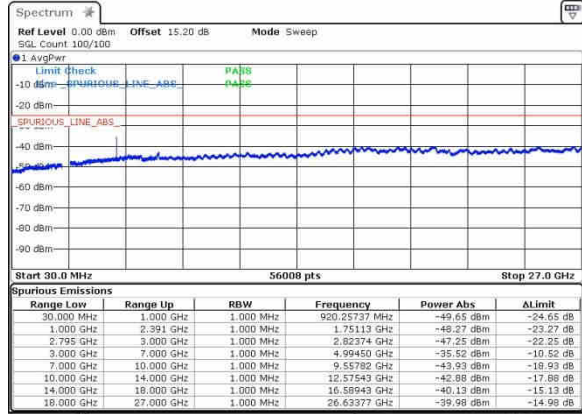
EN-DC_3A_n41A / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



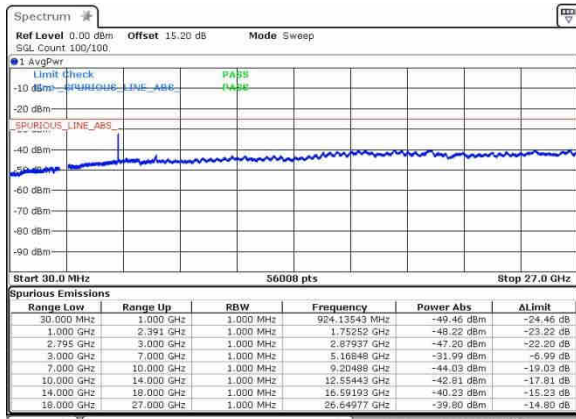
Date: 25.FEB.2020 02:28:04

Lowest Channel / QPSK



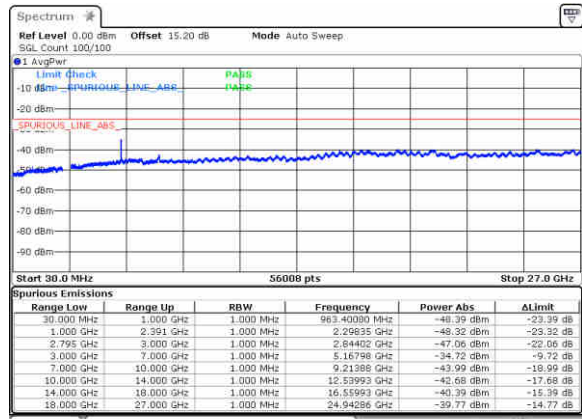
Date: 25.FEB.2020 03:41:56

Middle Channel / BPSK



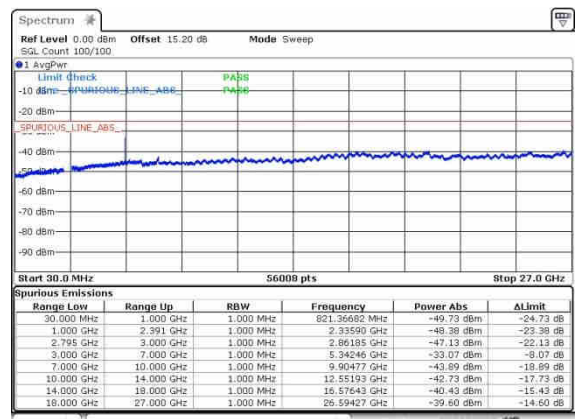
Date: 25.FEB.2020 03:58:33

Middle Channel / QPSK



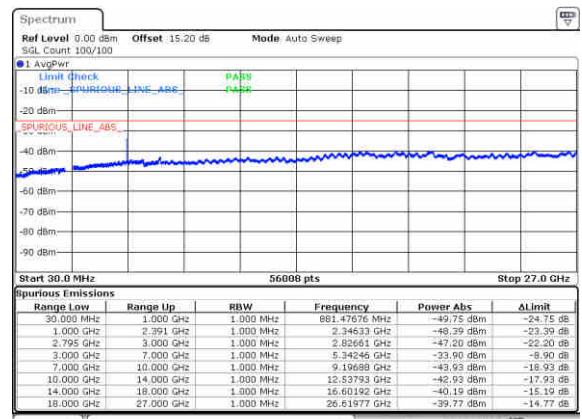
Date: 25.FEB.2020 03:57:35

Highest Channel / BPSK



Date: 25.FEB.2020 02:11:00

Highest Channel / QPSK

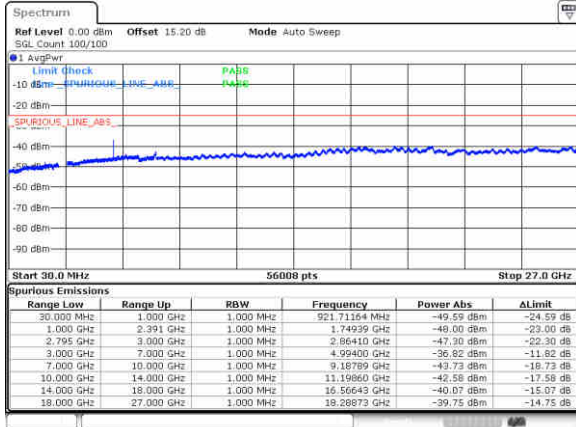


Date: 25.FEB.2020 02:09:53

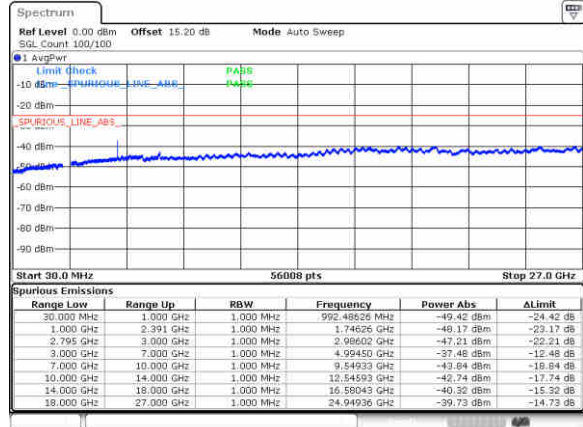


EN-DC_3A_n41A / LTE 20MHz + NR 60MHz

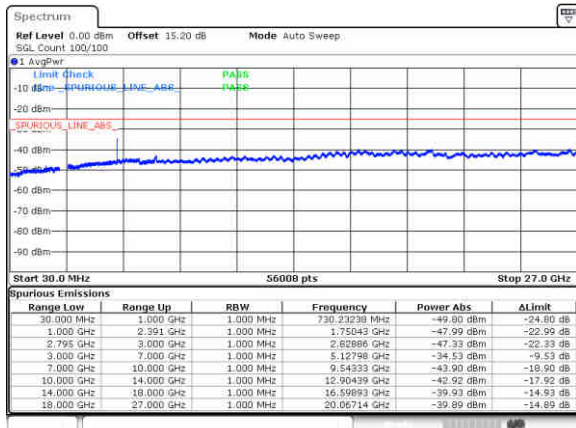
Lowest Channel / BPSK



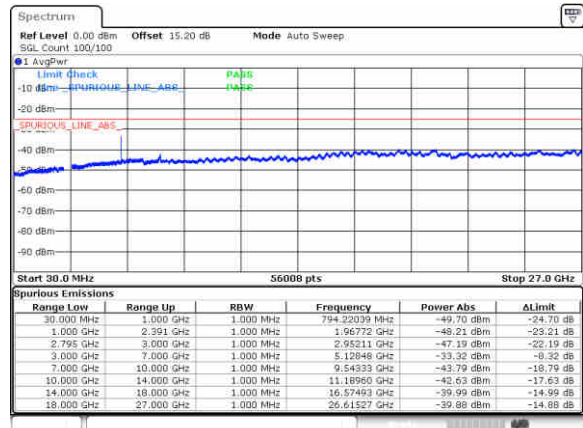
Lowest Channel / QPSK



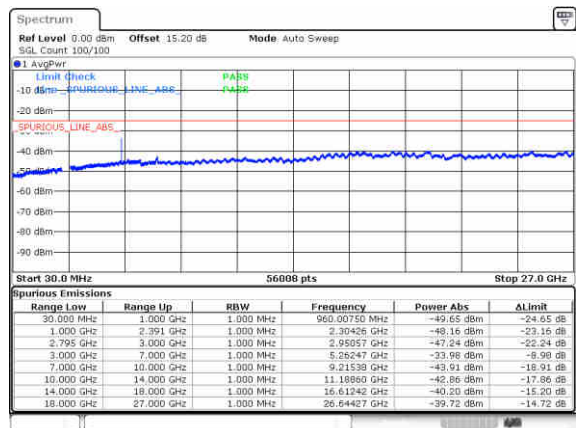
Middle Channel / BPSK



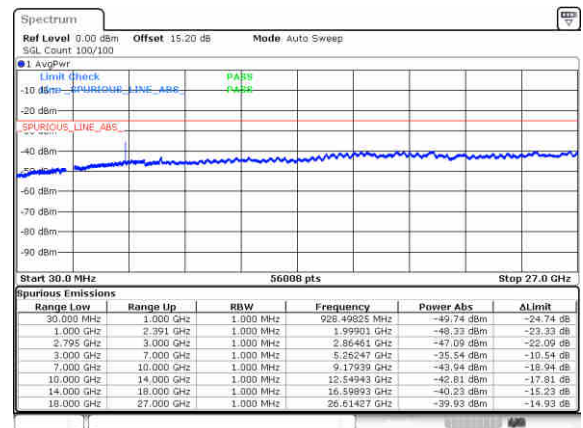
Middle Channel / QPSK



Highest Channel / BPSK



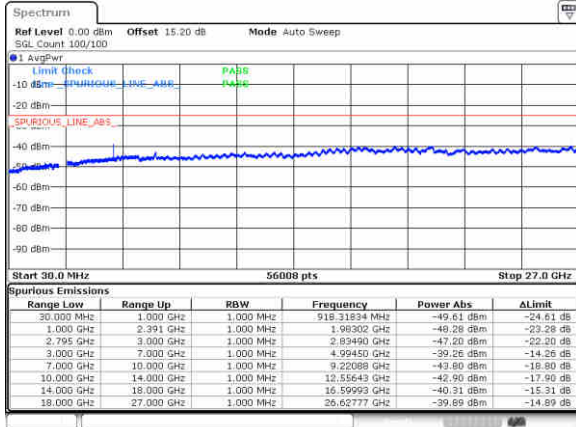
Highest Channel / QPSK



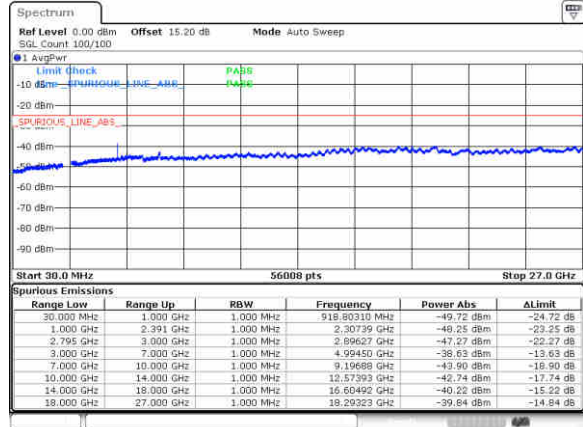


EN-DC_3A_n41A / LTE 20MHz + NR 100MHz

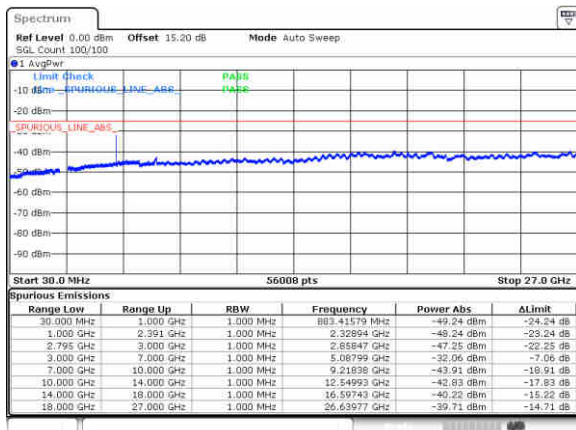
Lowest Channel / BPSK



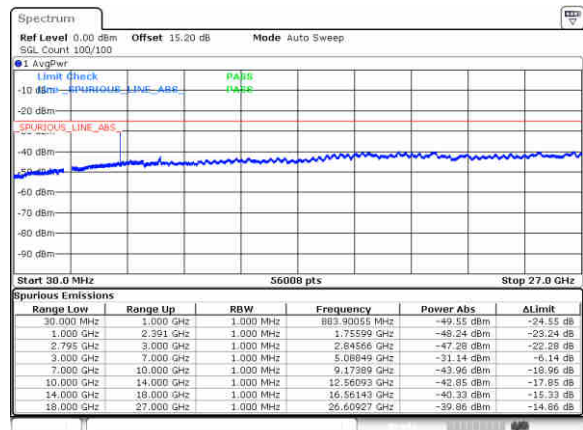
Lowest Channel / QPSK



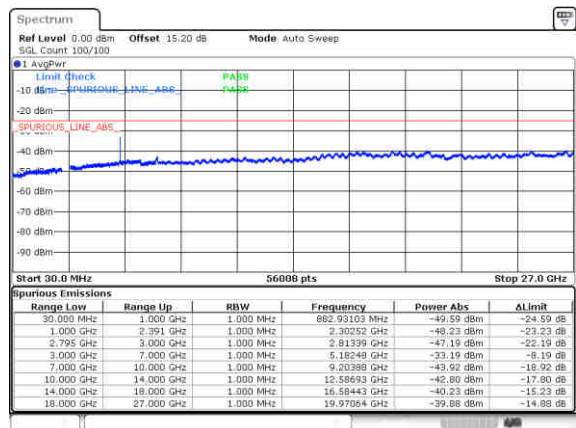
Middle Channel / BPSK



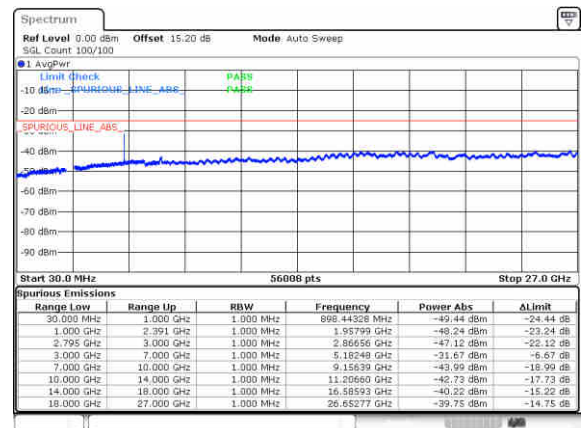
Middle Channel / QPSK



Highest Channel / BPSK



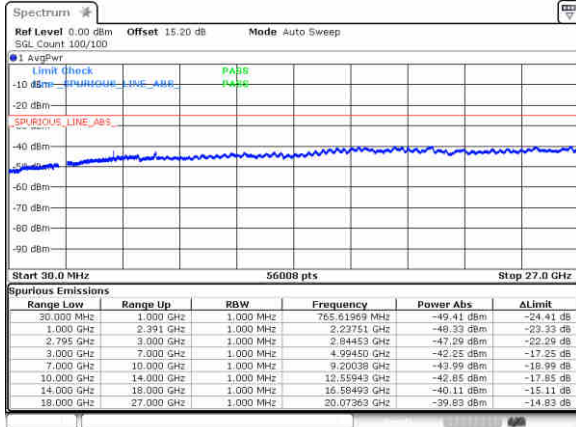
Highest Channel / QPSK



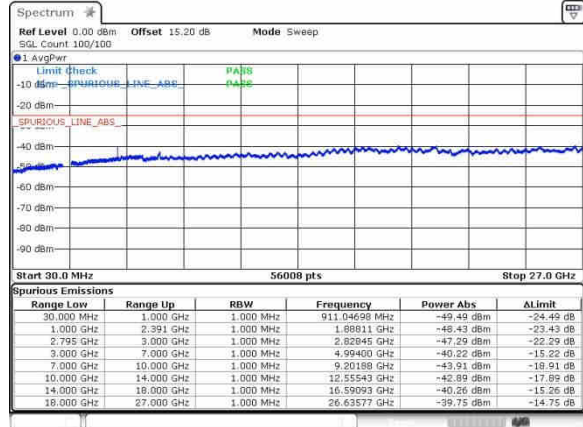


EN-DC_25A_n41A / LTE 20MHz + NR 20MHz

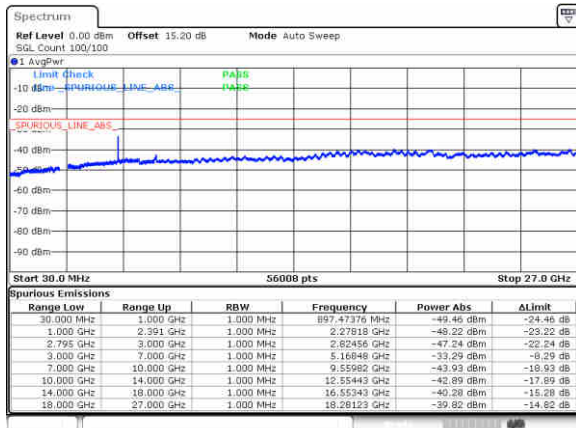
Lowest Channel / BPSK



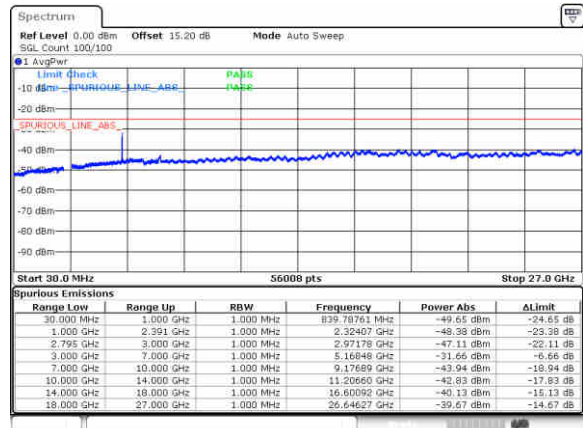
Lowest Channel / QPSK



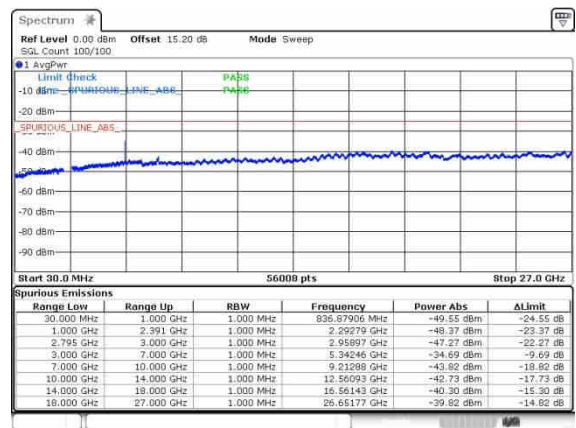
Middle Channel / BPSK



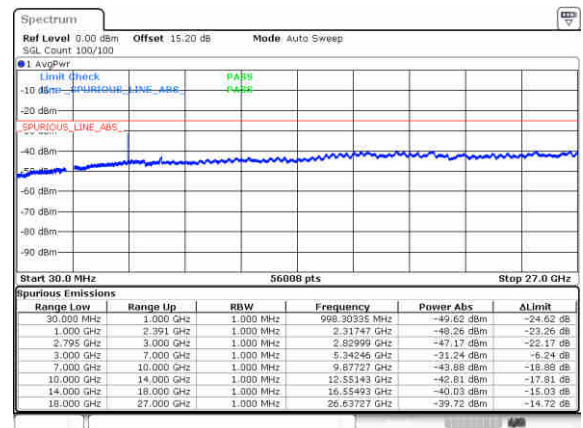
Middle Channel / QPSK



Highest Channel / BPSK



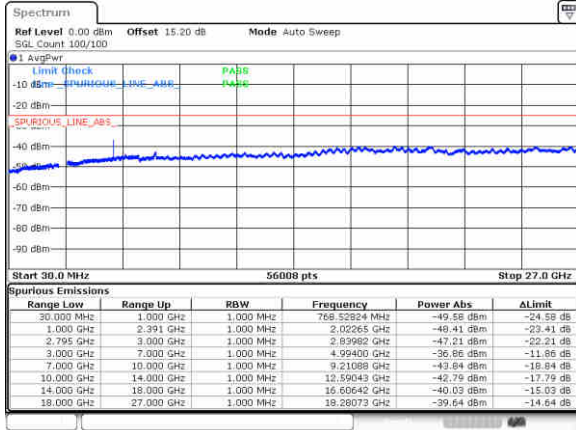
Highest Channel / QPSK





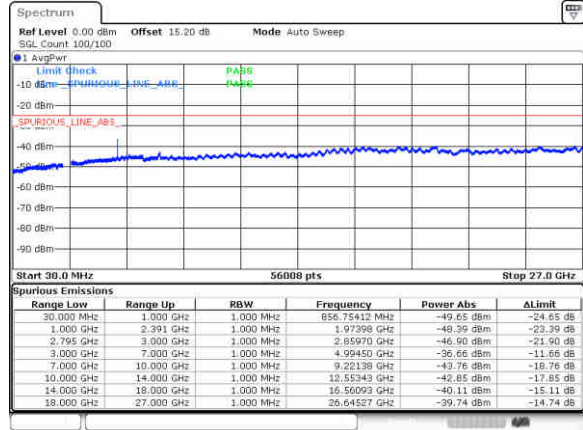
EN-DC_25A_n41A / LTE 20MHz + NR 60MHz

Lowest Channel / BPSK



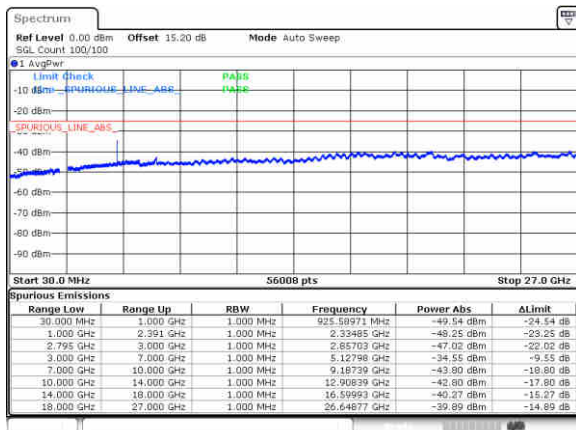
Date: 25.FEB.2020 09:12:04

Lowest Channel / QPSK



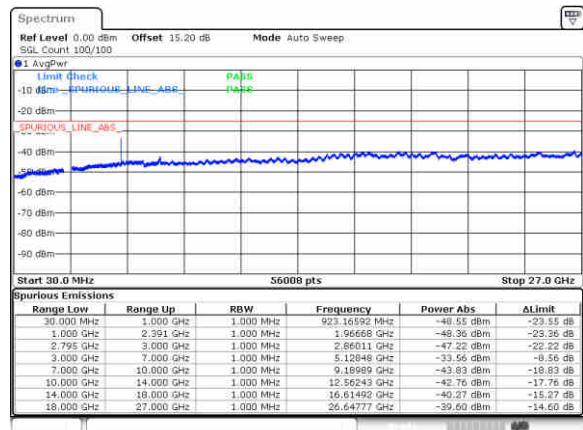
Date: 25.FEB.2020 09:14:01

Middle Channel / BPSK



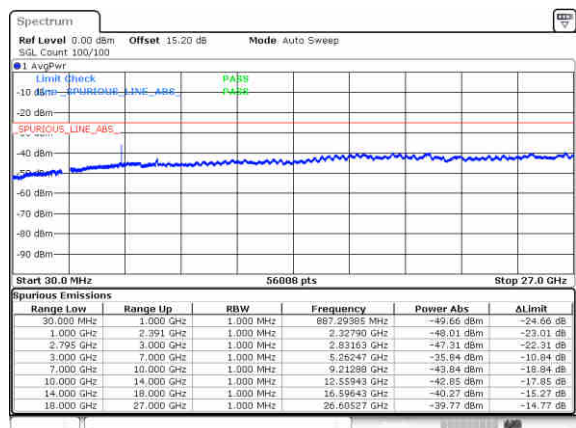
Date: 25.FEB.2020 09:19:30

Middle Channel / QPSK



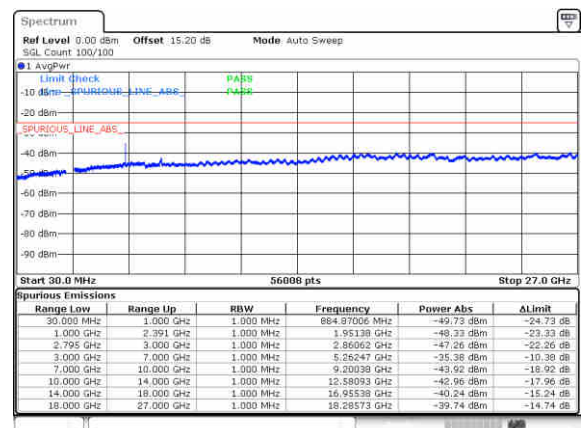
Date: 25.FEB.2020 09:17:21

Highest Channel / BPSK



Date: 25.FEB.2020 09:44:04

Highest Channel / QPSK

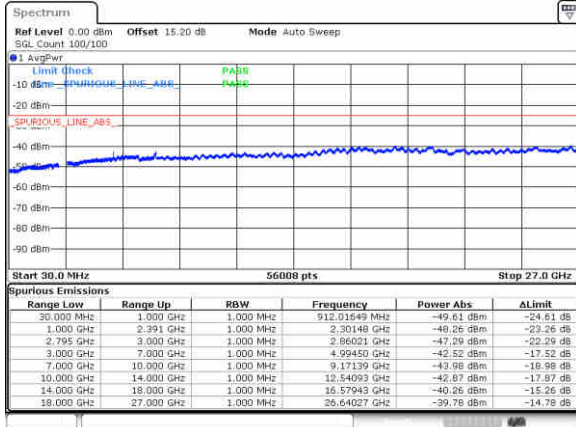


Date: 25.FEB.2020 09:46:01



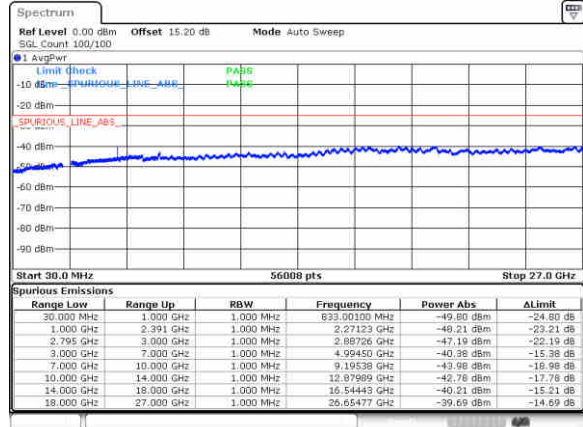
EN-DC_25A_n41A / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



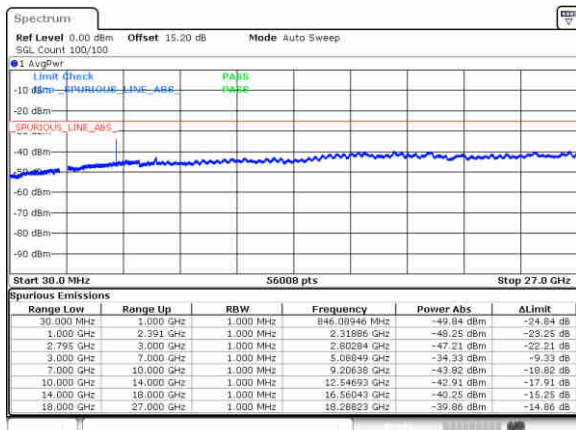
Date: 25.FEB.2020 07:31:30

Lowest Channel / QPSK



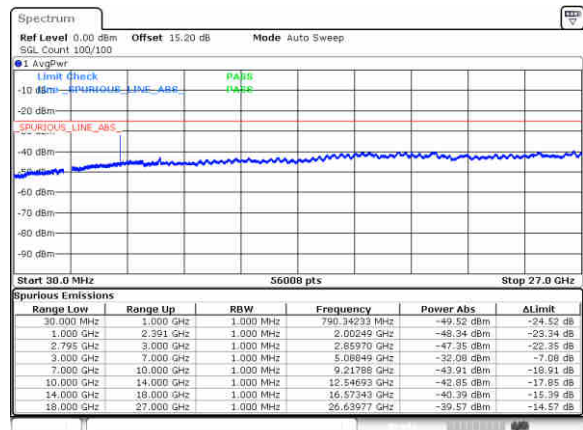
Date: 25.FEB.2020 07:29:32

Middle Channel / BPSK



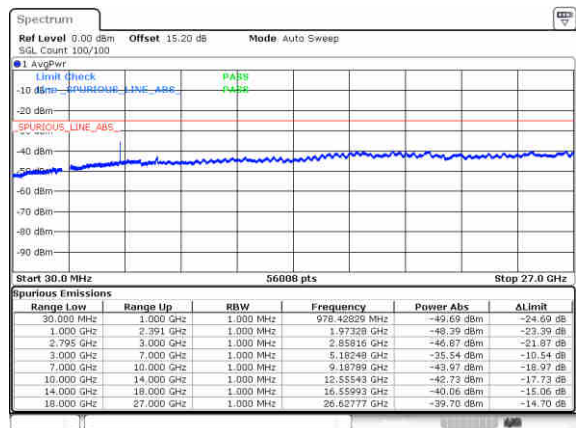
Date: 25.FEB.2020 07:53:31

Middle Channel / QPSK



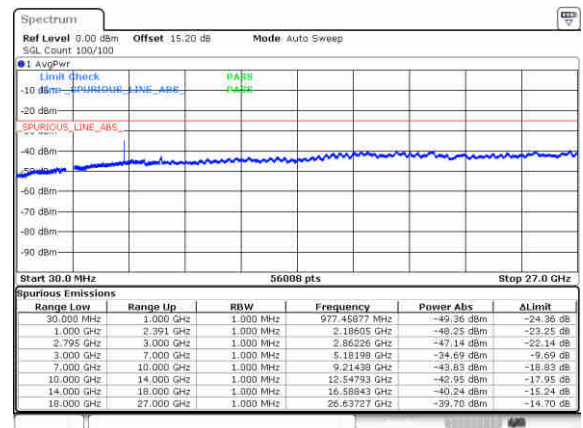
Date: 25.FEB.2020 07:56:49

Highest Channel / BPSK



Date: 25.FEB.2020 08:24:01

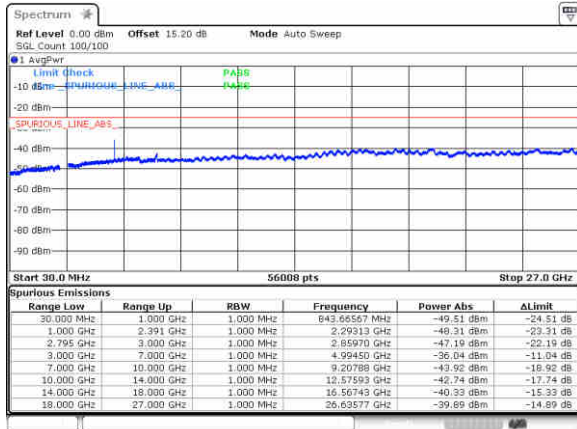
Highest Channel / QPSK



Date: 25.FEB.2020 08:27:04

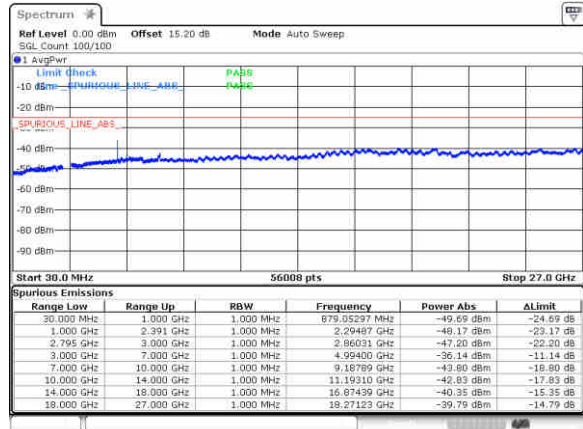
EN-DC_26A_n41A / LTE 15MHz + NR 20MHz

Lowest Channel / BPSK



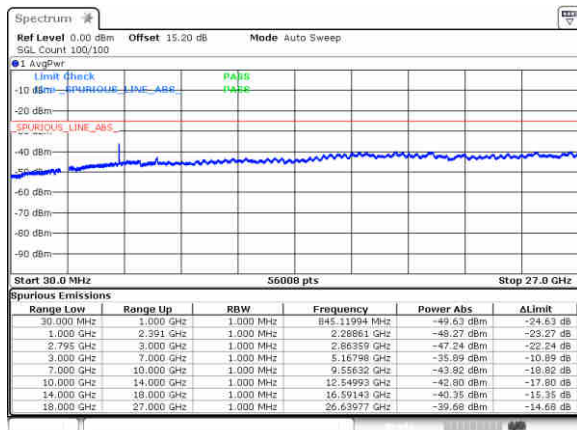
Date: 26.FEB.2020 17:43:09

Lowest Channel / QPSK



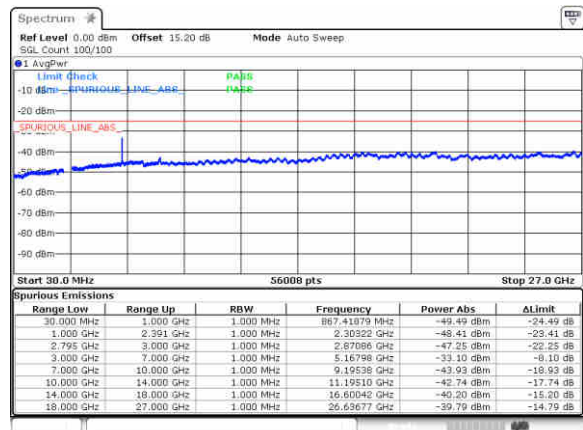
Date: 26.FEB.2020 17:43:48

Middle Channel / BPSK



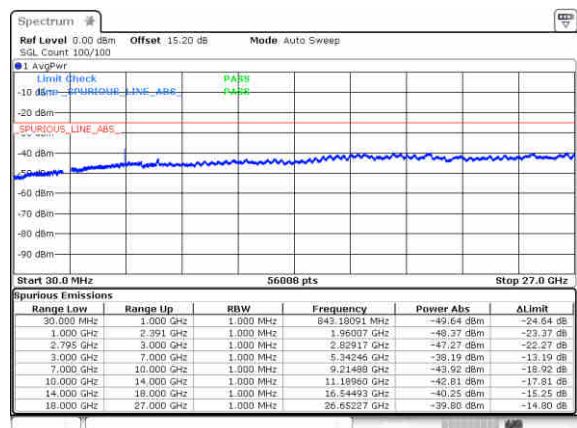
Date: 26.FEB.2020 17:30:11

Middle Channel / QPSK



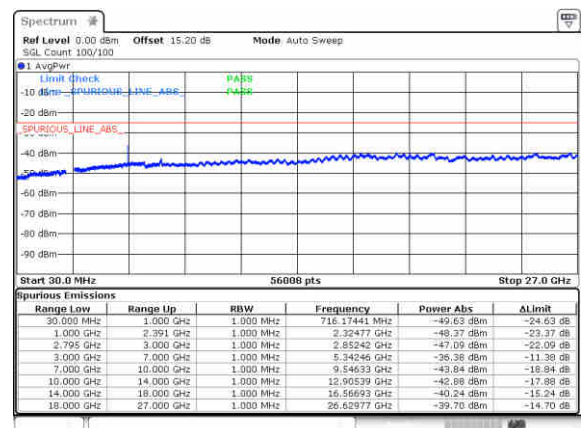
Date: 26.FEB.2020 17:32:00

Highest Channel / BPSK



Date: 26.FEB.2020 17:29:02

Highest Channel / QPSK

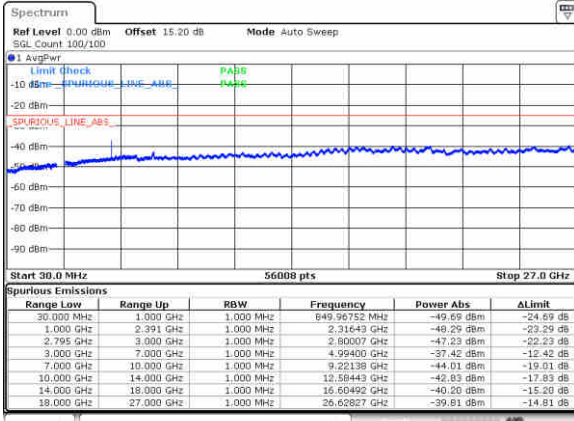


Date: 26.FEB.2020 17:26:11



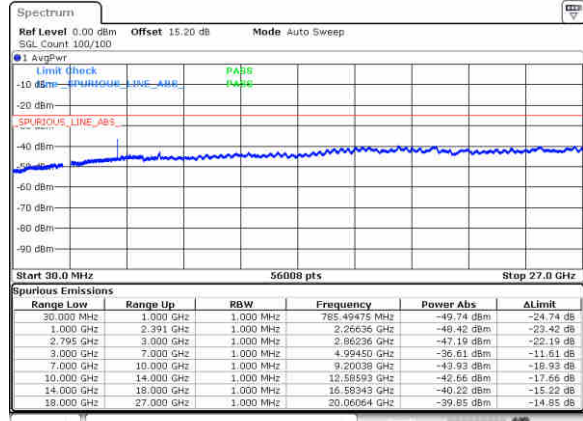
EN-DC_26A_n41A / LTE 15MHz + NR 60MHz

Lowest Channel / BPSK



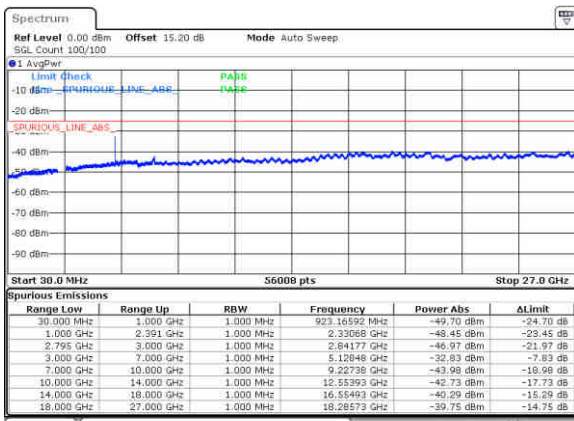
Date: 26.FEB.2020 15:38:22

Lowest Channel / QPSK



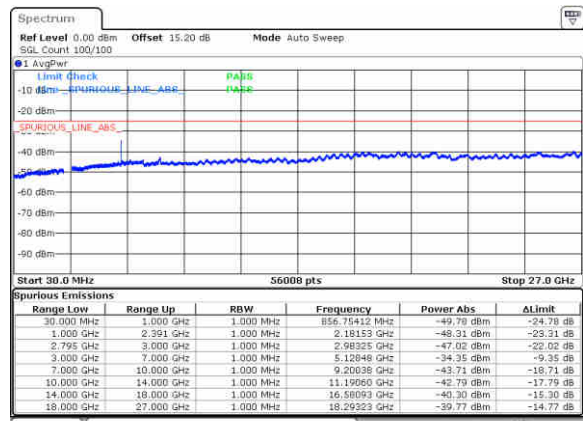
Date: 26.FEB.2020 15:39:14

Middle Channel / BPSK



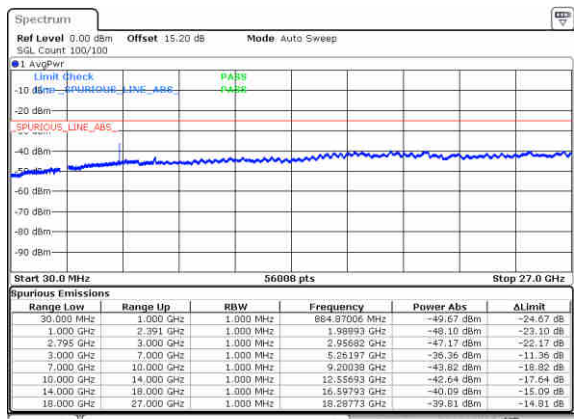
Date: 26.FEB.2020 15:12:18

Middle Channel / QPSK



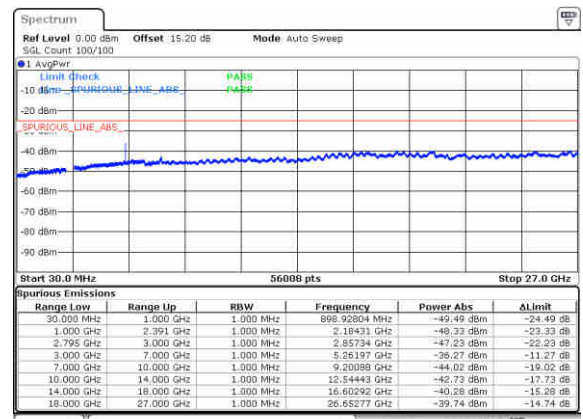
Date: 26.FEB.2020 15:17:15

Highest Channel / BPSK



Date: 26.FEB.2020 15:19:12

Highest Channel / QPSK

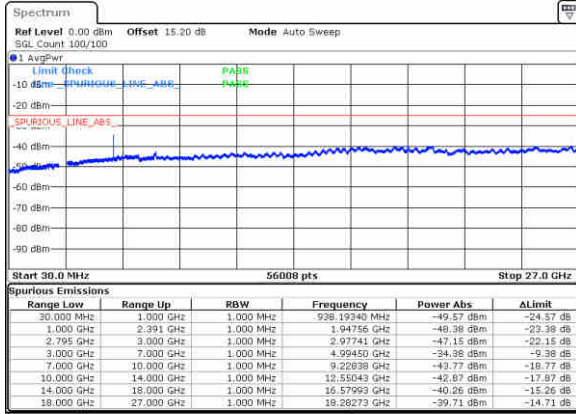


Date: 26.FEB.2020 15:19:14

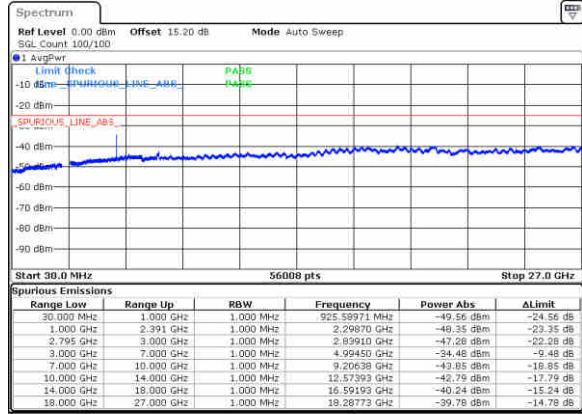


EN-DC_26A_n41A / LTE 15MHz + NR 100MHz

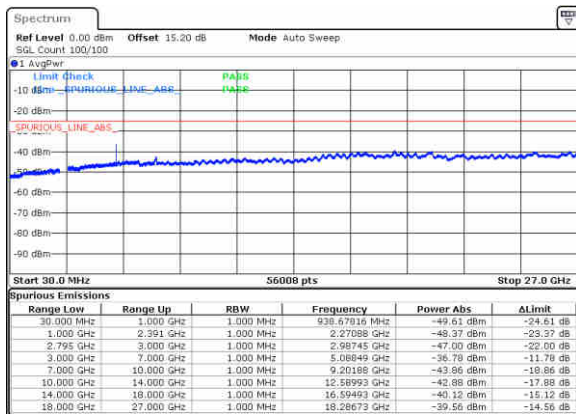
Lowest Channel / BPSK



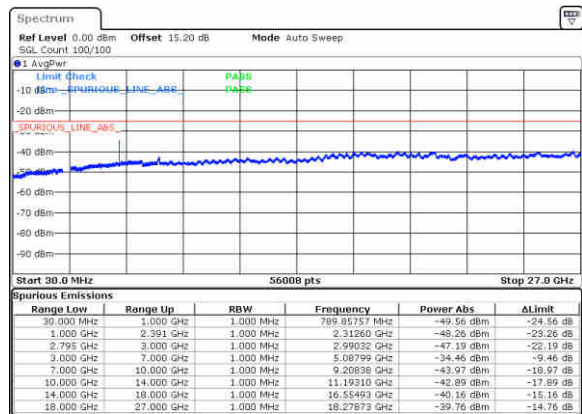
Lowest Channel / QPSK



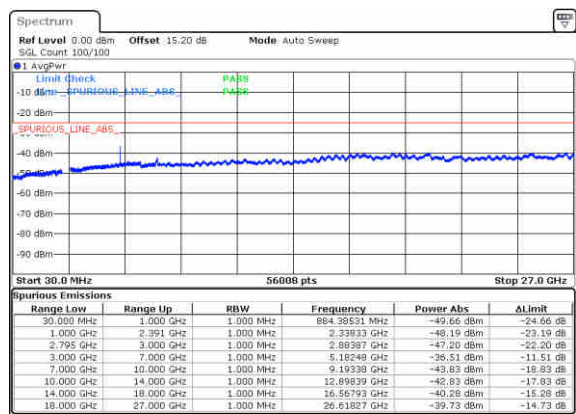
Middle Channel / BPSK



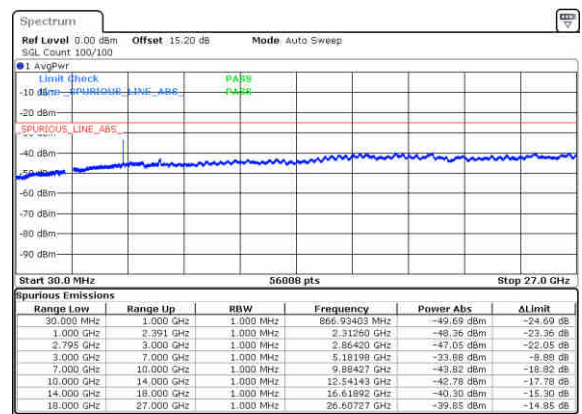
Middle Channel / QPSK



Highest Channel / BPSK

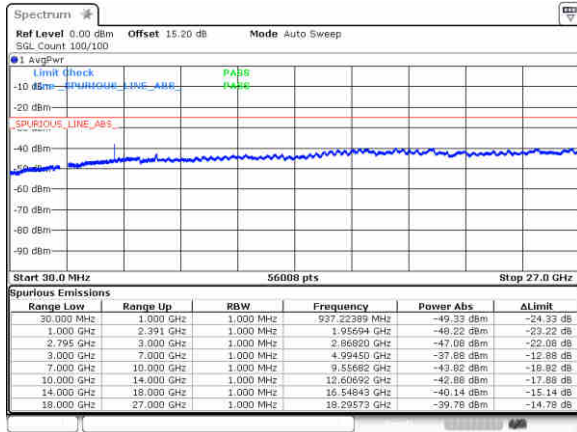


Highest Channel / QPSK



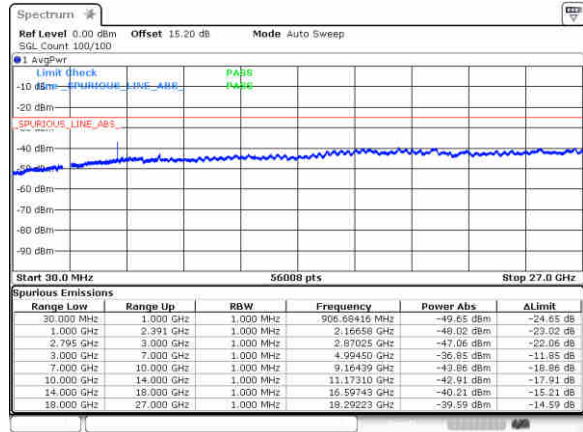
EN-DC_39A_n41A / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



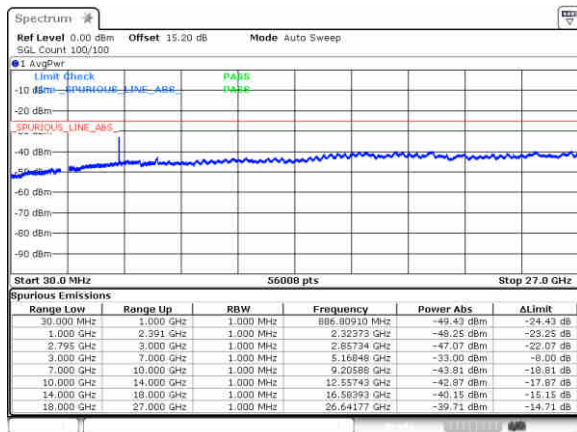
Date: 1.JAN.2007 04:31:39

Lowest Channel / QPSK



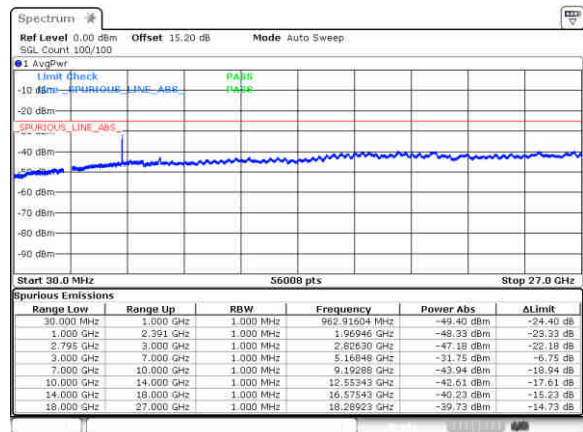
Date: 1.JAN.2007 04:35:26

Middle Channel / BPSK



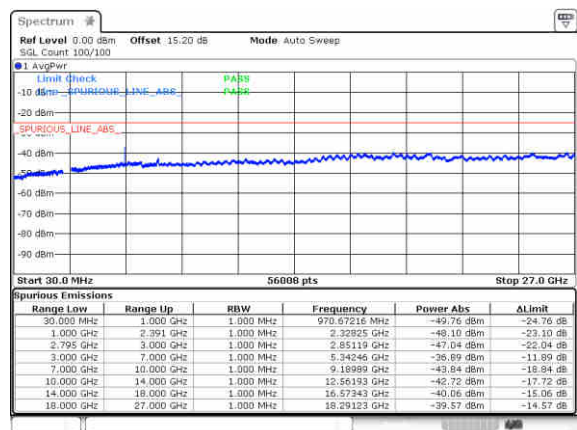
Date: 1.JAN.2007 04:05:33

Middle Channel / QPSK



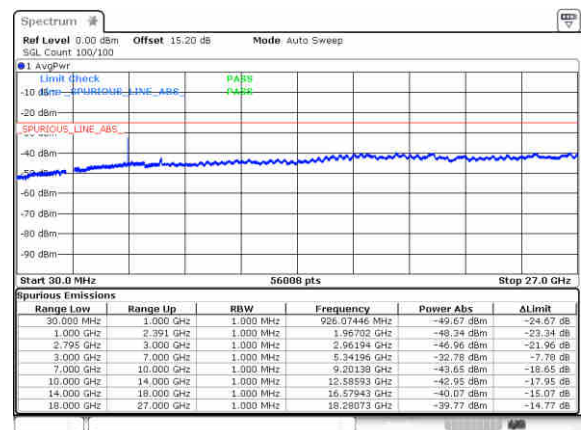
Date: 1.JAN.2007 04:03:03

Highest Channel / BPSK



Date: 1-JAN-2007 03:29:33

Highest Channel / QPSK

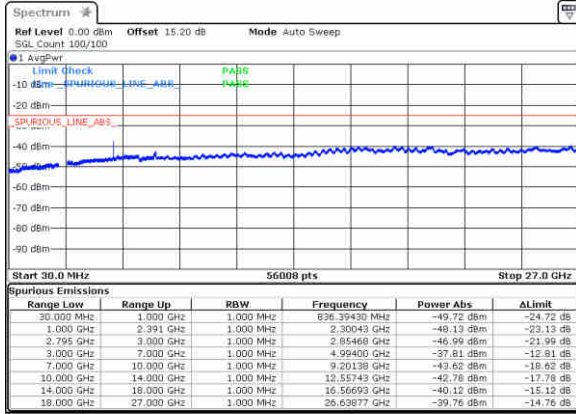


Date: 1-JAN-2007 03:30:23

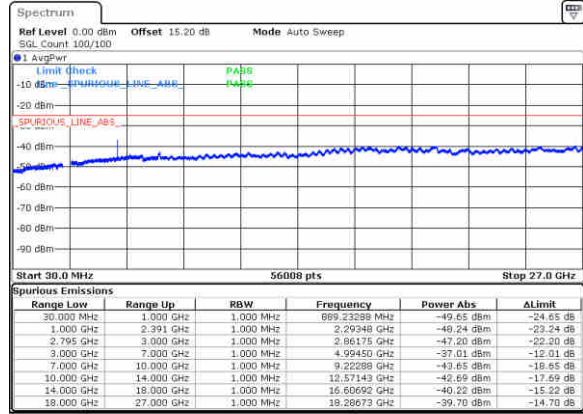


EN-DC_39A_n41A / LTE 20MHz + NR 60MHz

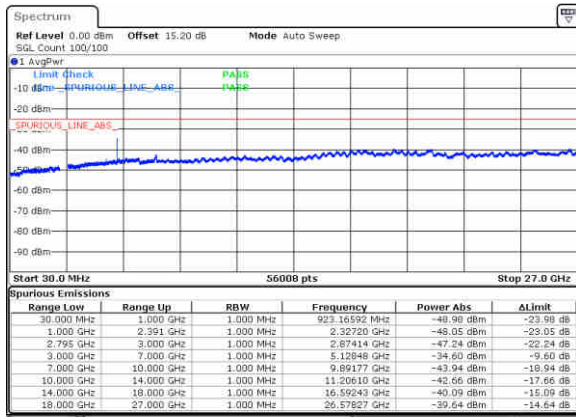
Lowest Channel / BPSK



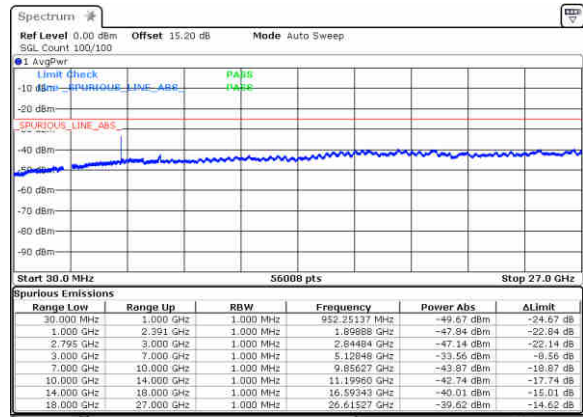
Lowest Channel / QPSK



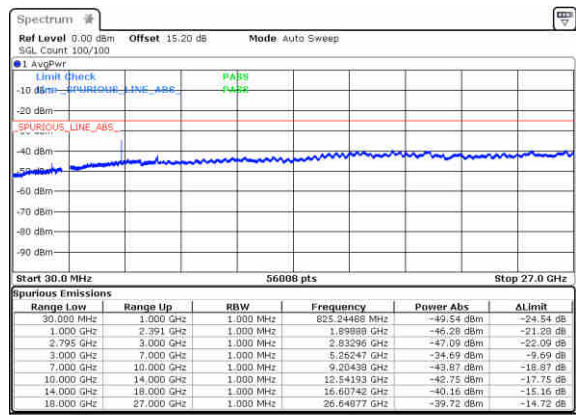
Middle Channel / BPSK



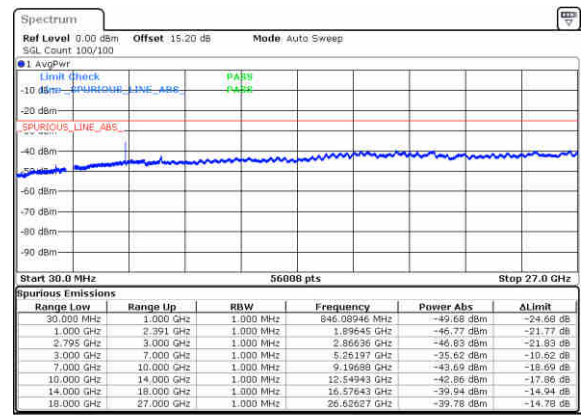
Middle Channel / QPSK



Highest Channel / BPSK



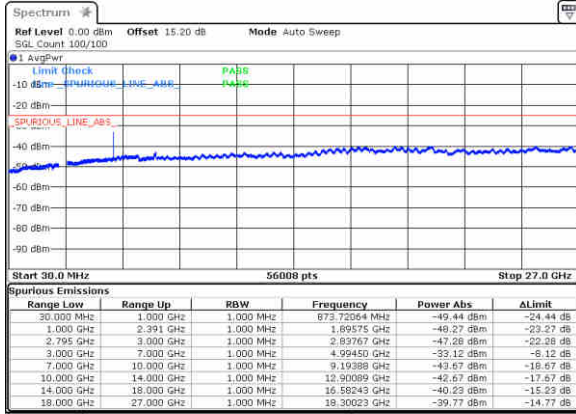
Highest Channel / QPSK



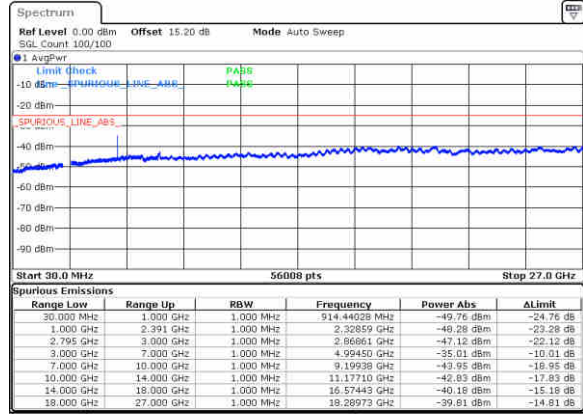


EN-DC_39A_n41A / LTE 20MHz + NR 100MHz

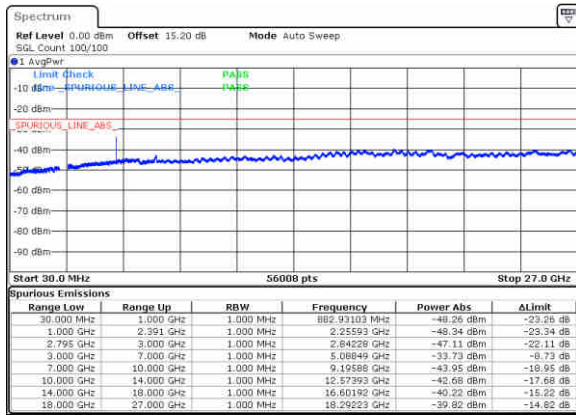
Lowest Channel / BPSK



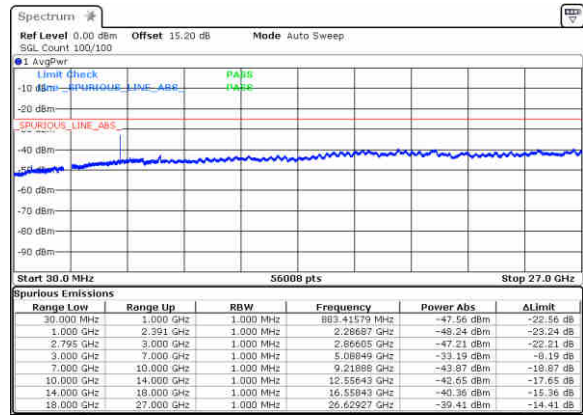
Lowest Channel / QPSK



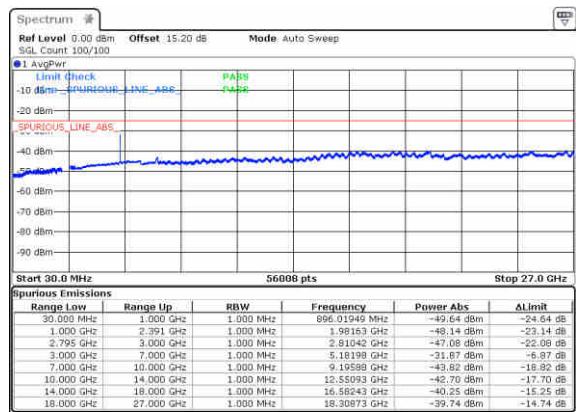
Middle Channel / BPSK



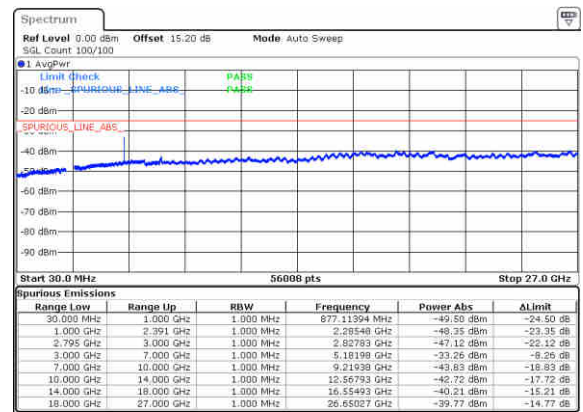
Middle Channel / QPSK



Highest Channel / BPSK



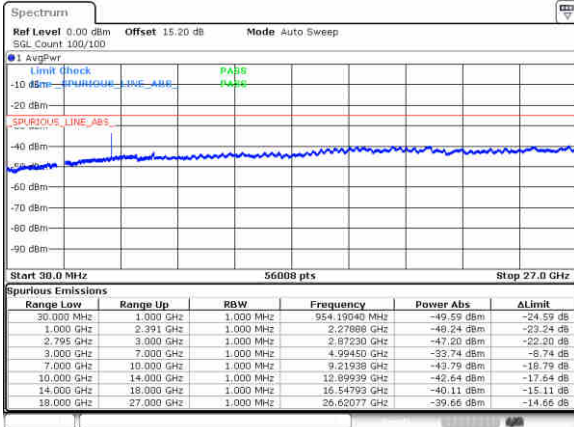
Highest Channel / QPSK





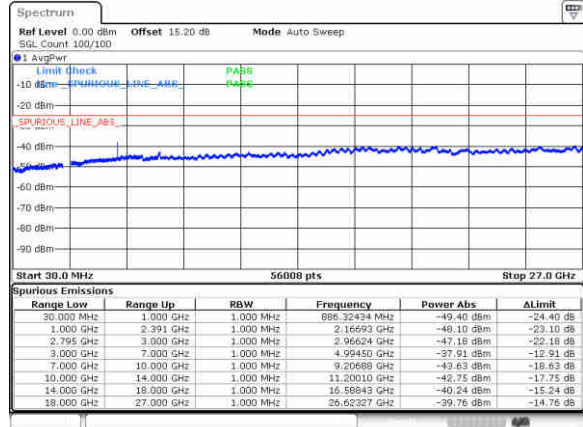
EN-DC_41A_n41A / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



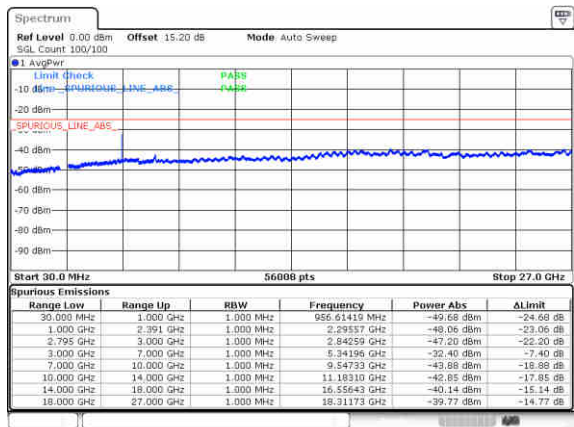
Date: 1.MAR.2020 01:24:07

Lowest Channel / QPSK



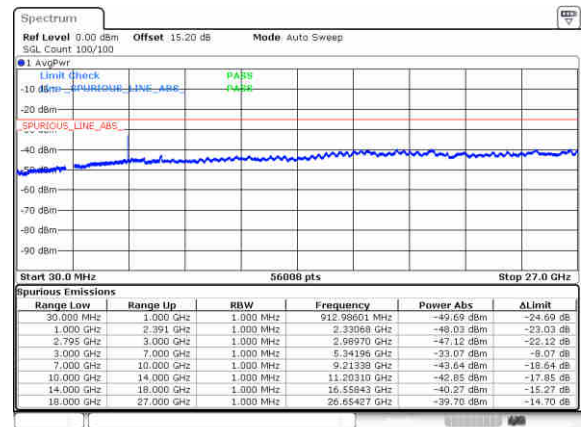
Date: 1.MAR.2020 01:19:07

Highest Channel / BPSK



Date: 1.MAR.2020 00:10:44

Highest Channel / QPSK

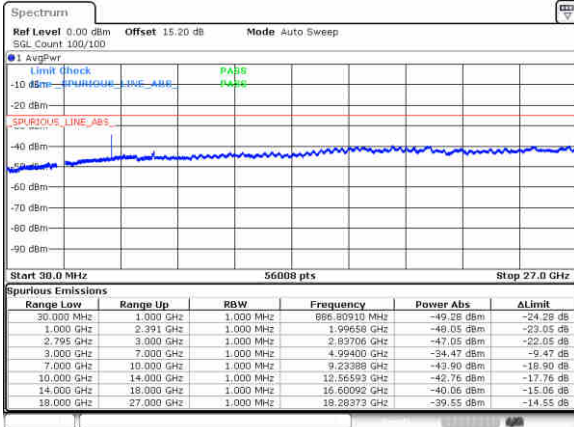


Date: 1.MAR.2020 00:07:46

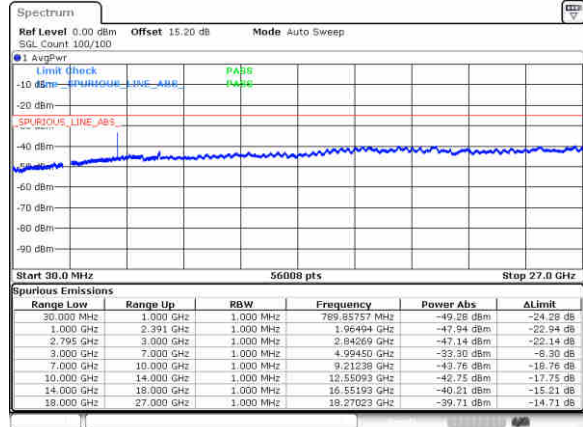


EN-DC_41A_n41A / LTE 20MHz + NR 60MHz

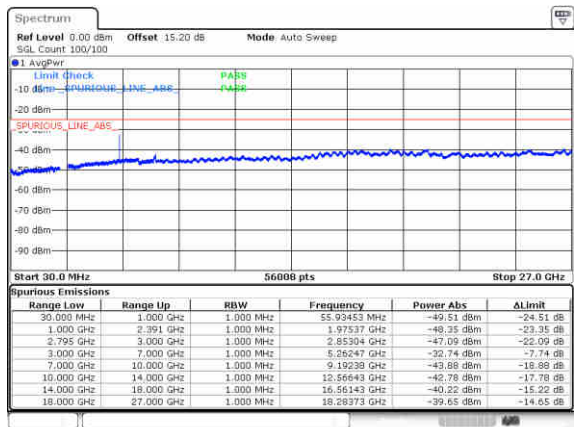
Lowest Channel / BPSK



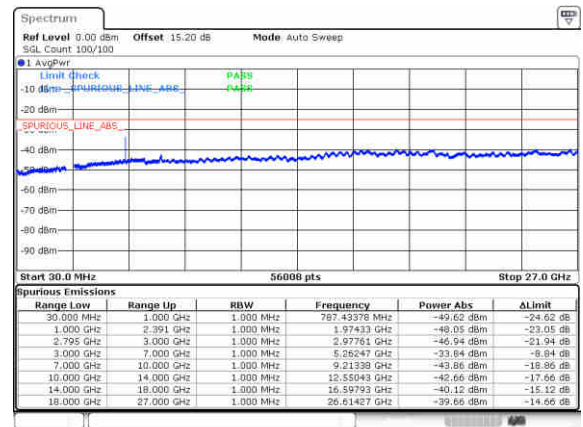
Lowest Channel / QPSK



Highest Channel / BPSK



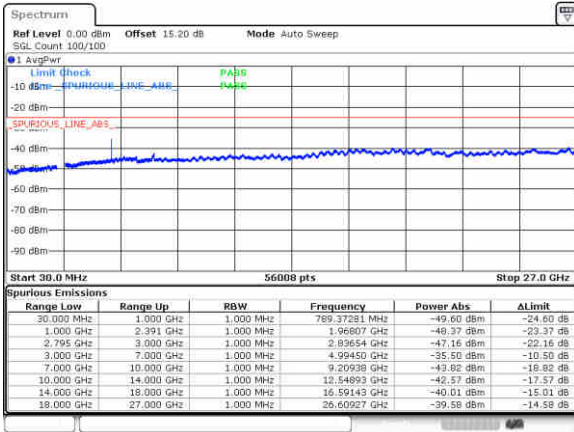
Highest Channel / QPSK



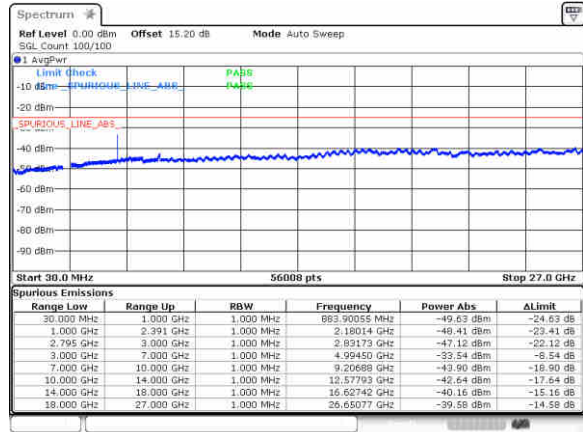


EN-DC_41A_n41A / LTE 20MHz + NR 100MHz

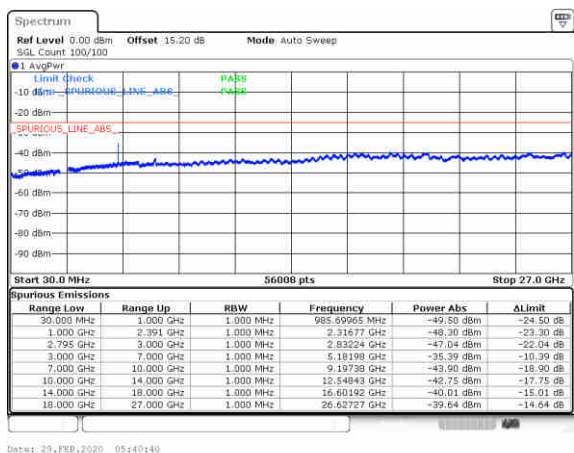
Lowest Channel / BPSK



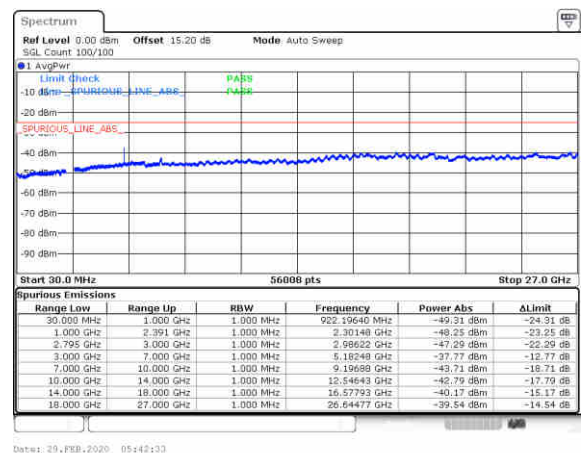
Lowest Channel / QPSK



Highest Channel / BPSK



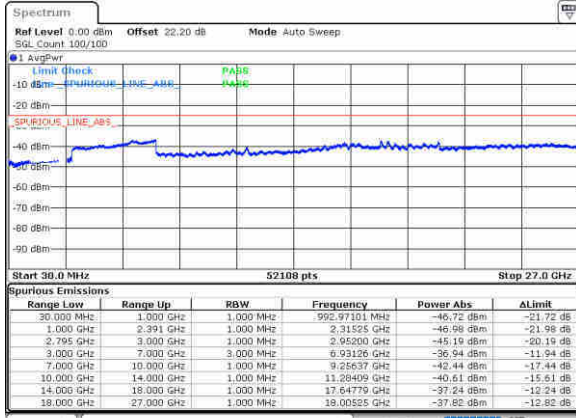
Highest Channel / QPSK



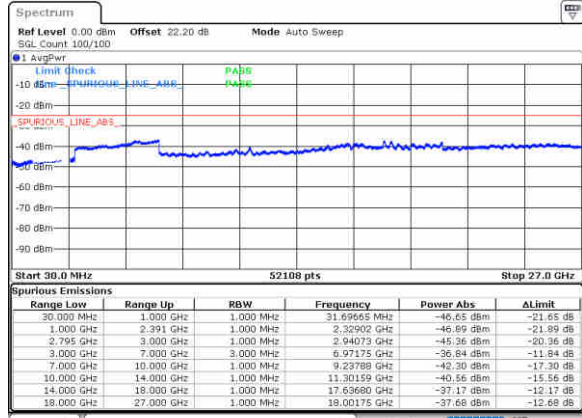


EN-DC_n41AA / LTE 20MHz + NR 20MHz

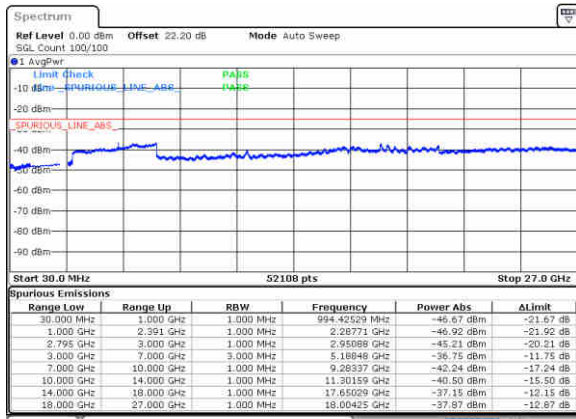
Lowest Channel / BPSK



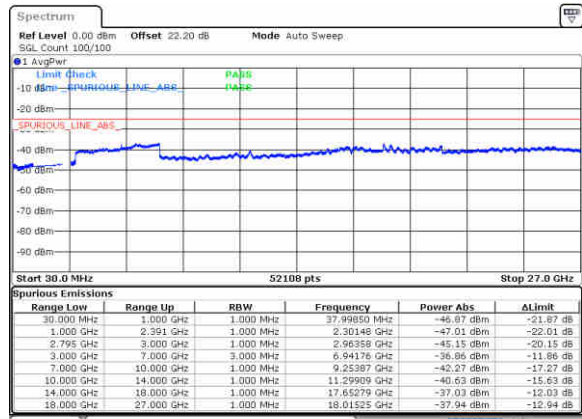
Lowest Channel / QPSK



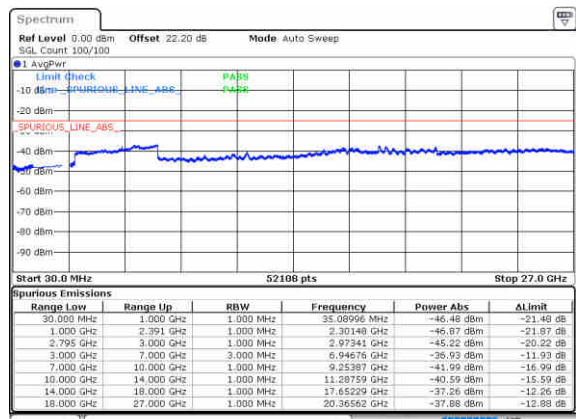
Middle Channel / BPSK



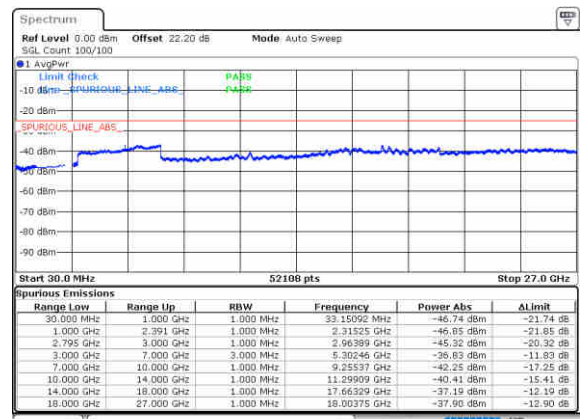
Middle Channel / QPSK



Highest Channel / BPSK



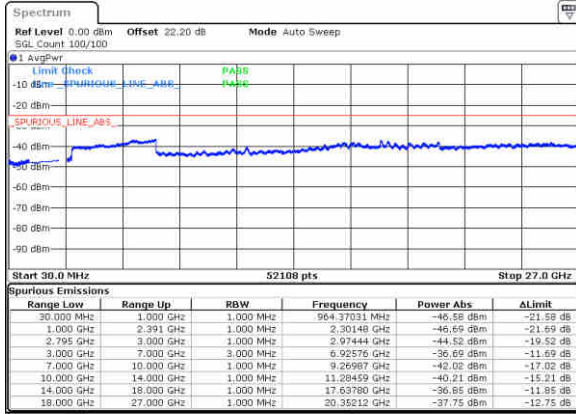
Highest Channel / QPSK



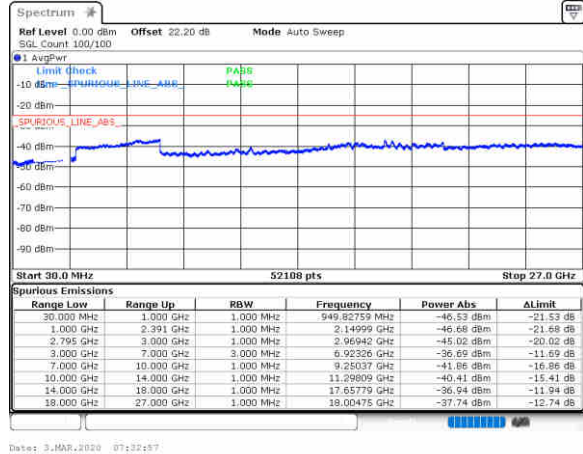


EN-DC_n41AA / LTE 20MHz + NR 60MHz

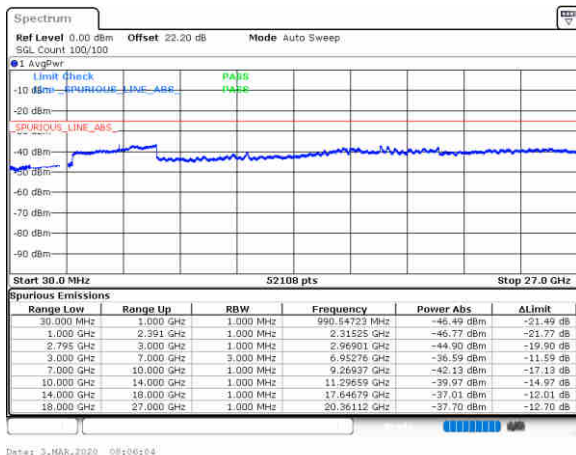
Lowest Channel / BPSK



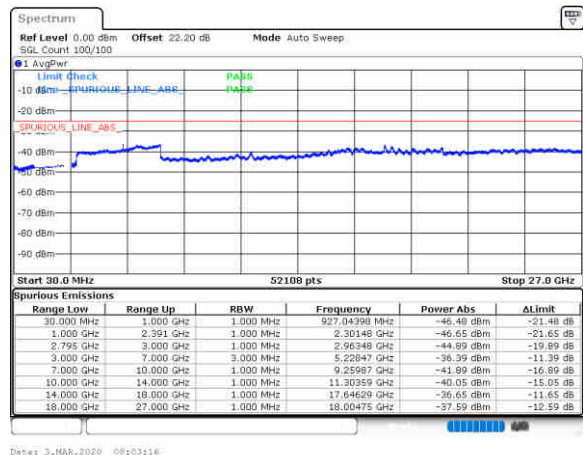
Lowest Channel / QPSK



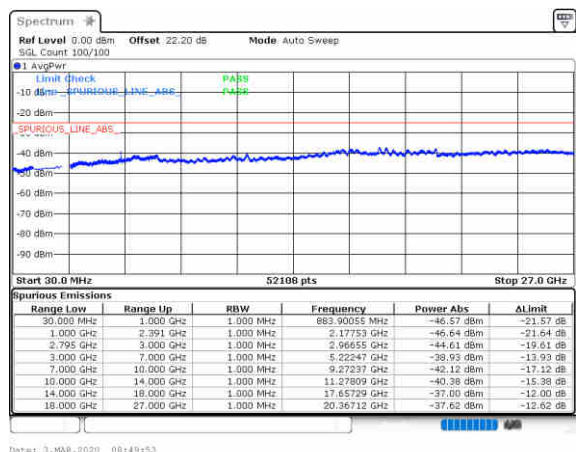
Middle Channel / BPSK



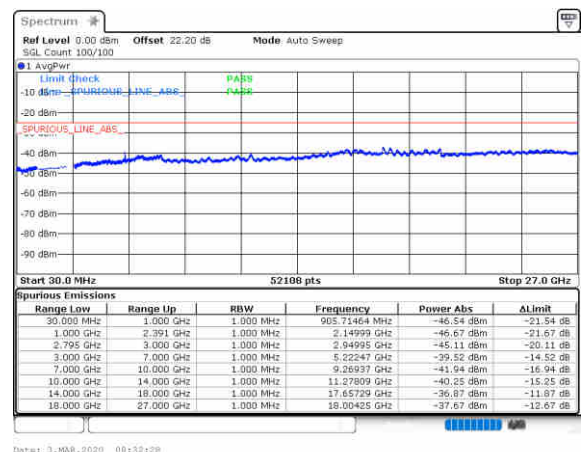
Middle Channel / QPSK



Highest Channel / BPSK



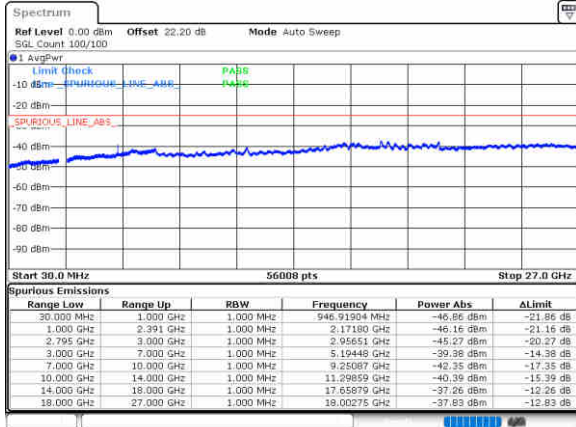
Highest Channel / QPSK



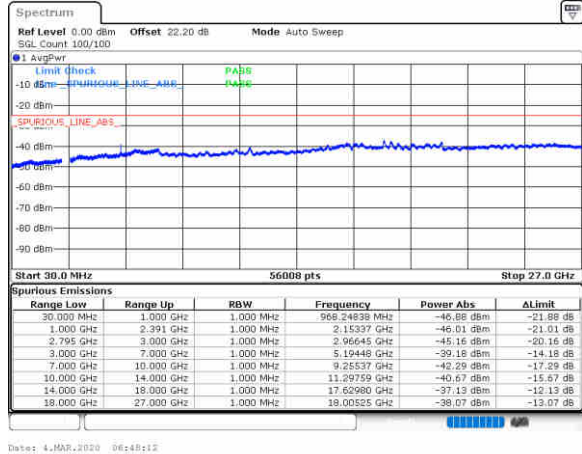


EN-DC_n41AA / LTE 20MHz + NR 100MHz

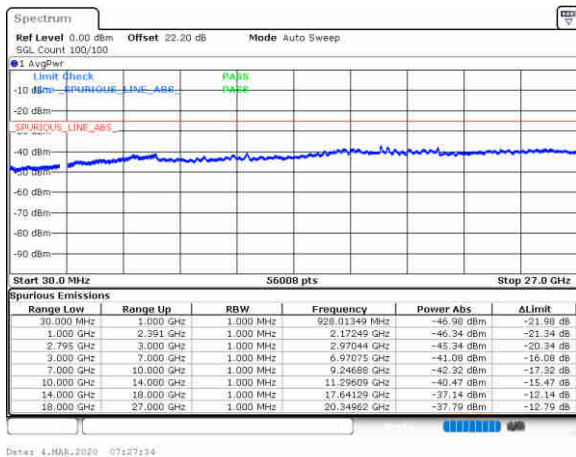
Lowest Channel / BPSK



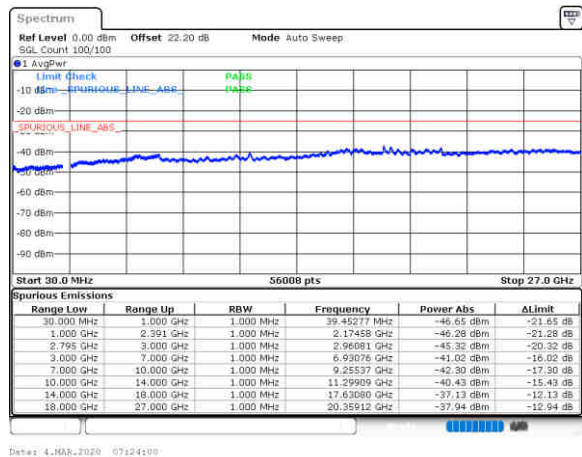
Lowest Channel / QPSK



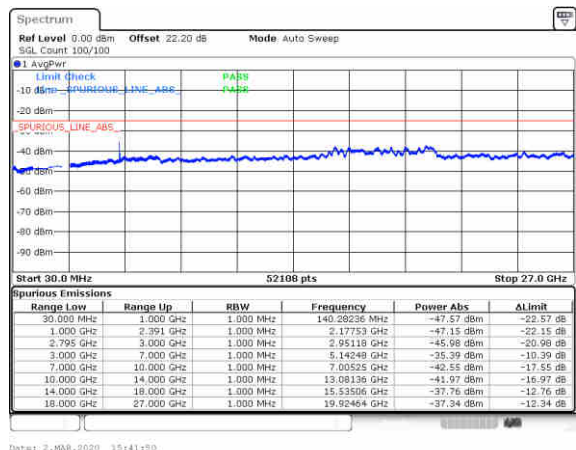
Middle Channel / BPSK



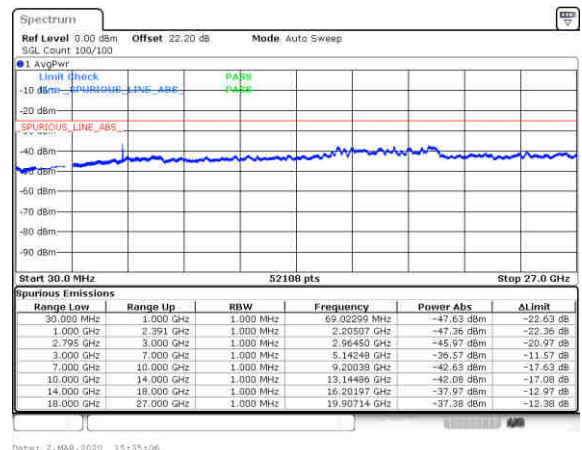
Middle Channel / QPSK



Highest Channel / BPSK



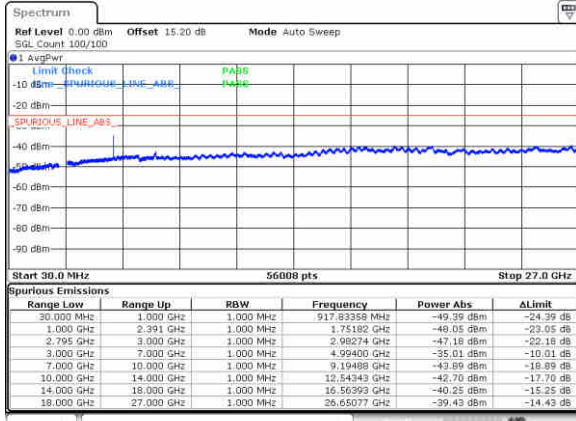
Highest Channel / QPSK





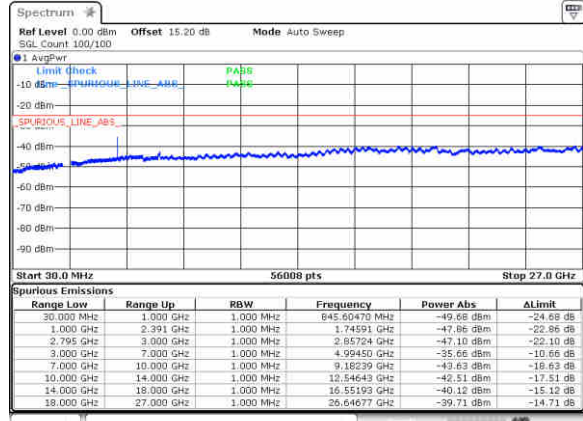
EN-DC_66A_n41A / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



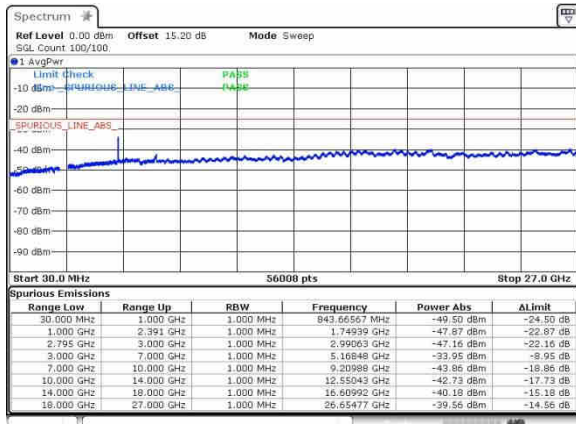
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Lowest Channel / QPSK



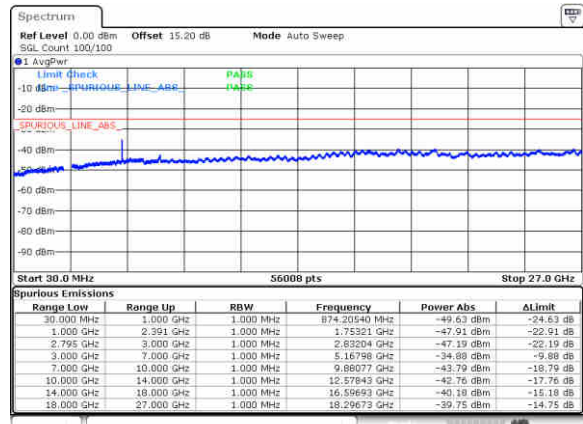
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Middle Channel / BPSK



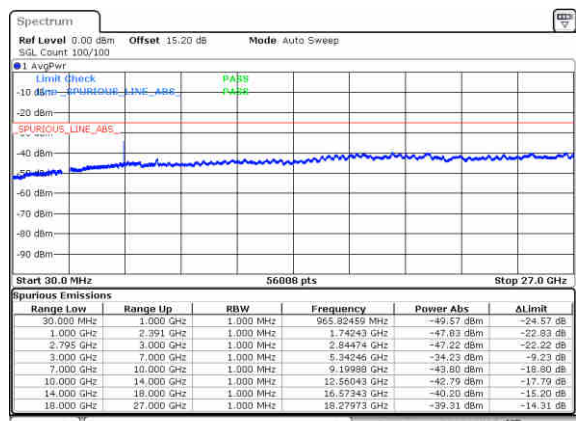
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Middle Channel / QPSK



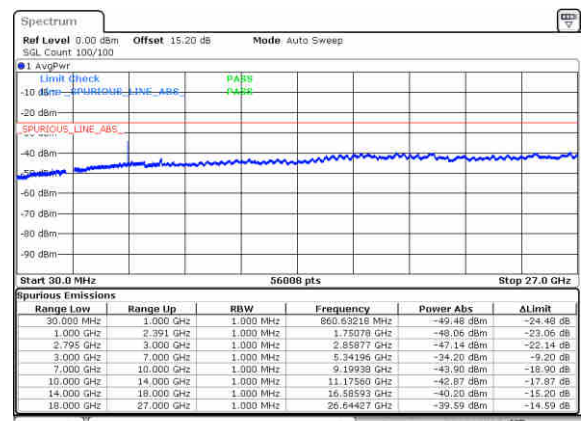
Date: 29.FEB.2020 10:24:25

Highest Channel / BPSK



Date: 29.FEB.2020 10:29:19

Highest Channel / QPSK

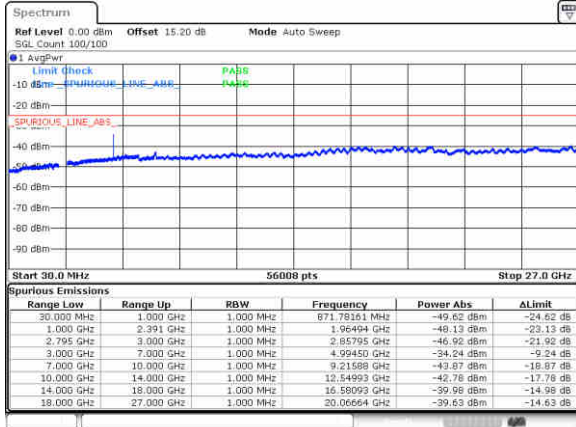


Date: 29.FEB.2020 10:12:05

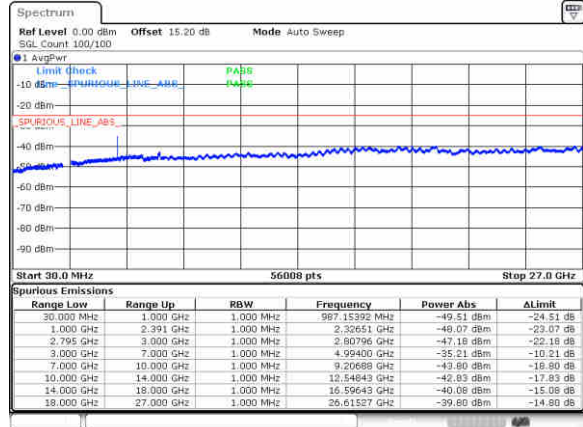


EN-DC_66A_n41A / LTE 20MHz + NR 60MHz

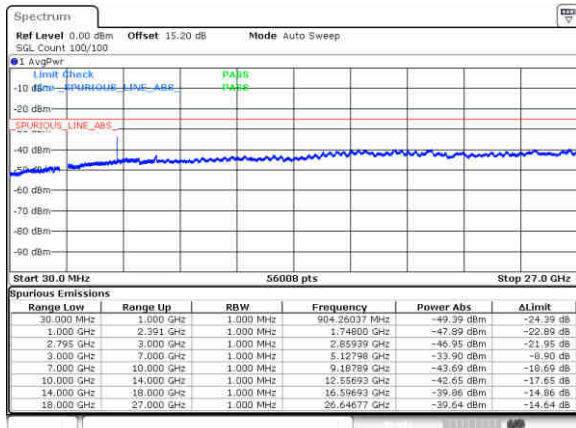
Lowest Channel / BPSK



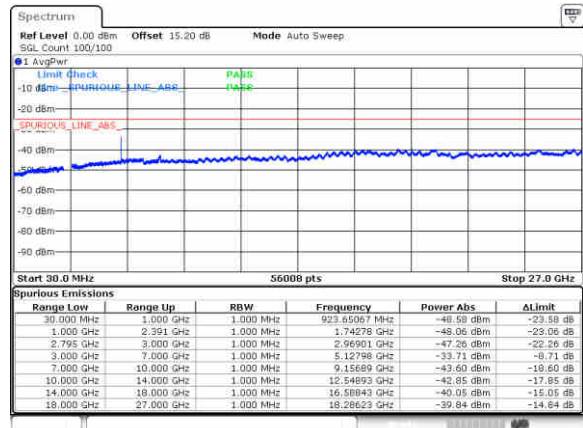
Lowest Channel / QPSK



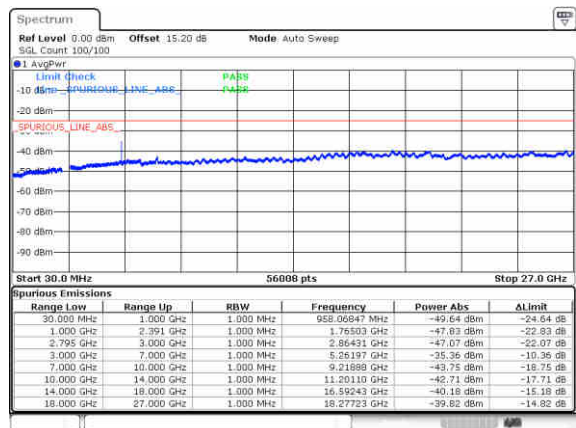
Middle Channel / BPSK



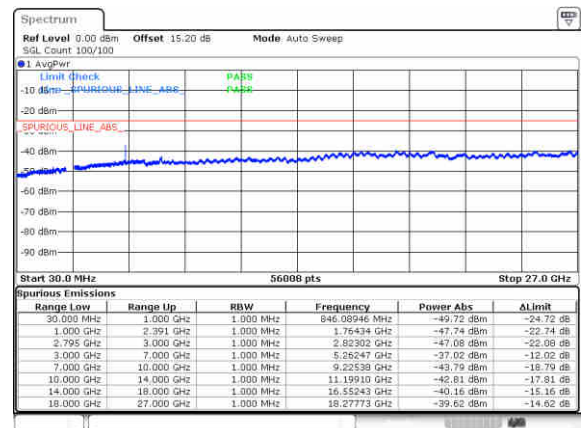
Middle Channel / QPSK



Highest Channel / BPSK



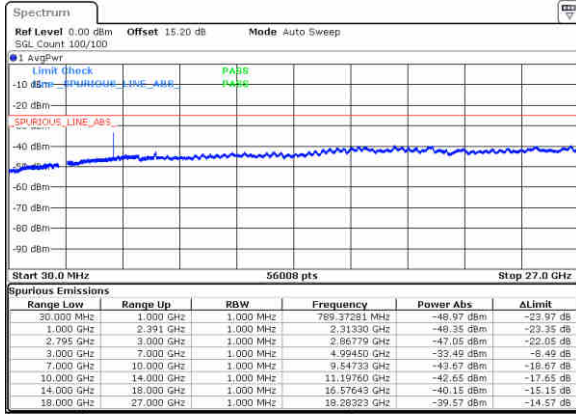
Highest Channel / QPSK





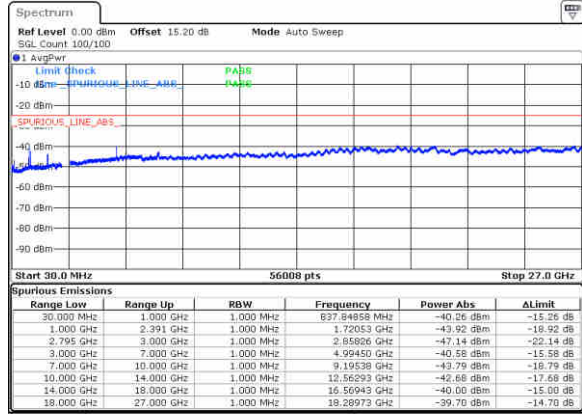
EN-DC_66A_n41A / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



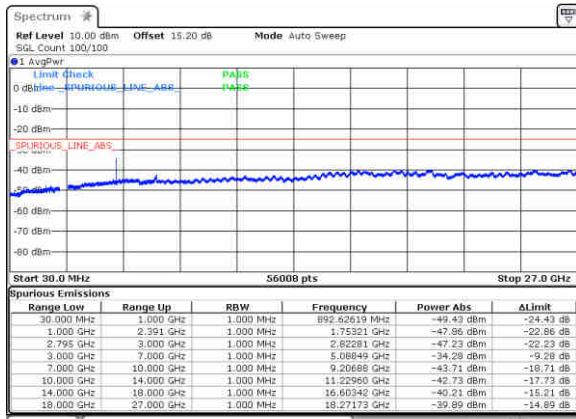
Date: 28.FEB.2020 23:21:29

Lowest Channel / QPSK



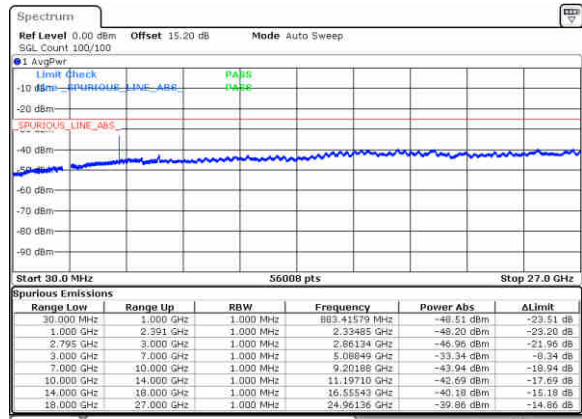
Date: 28.FEB.2020 23:10:20

Middle Channel / BPSK



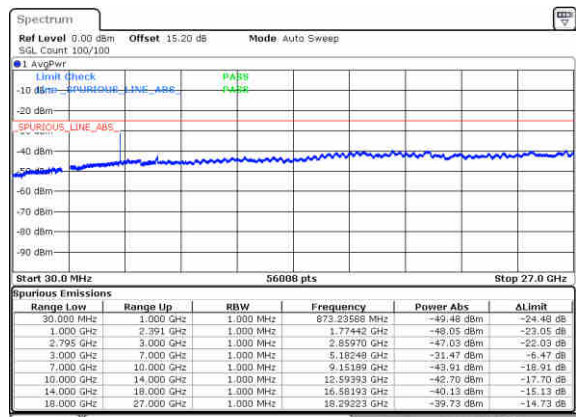
Date: 29.FEB.2020 00:02:39

Middle Channel / QPSK



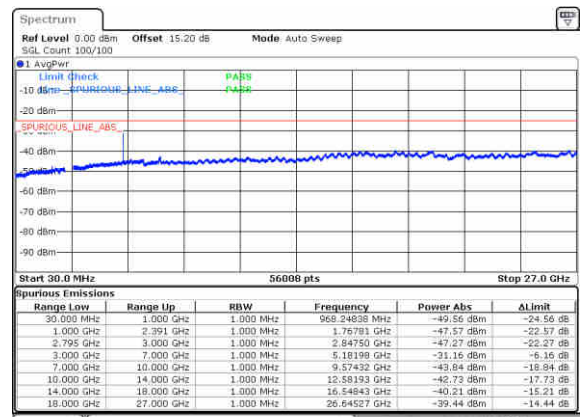
Date: 29.FEB.2020 00:05:13

Highest Channel / BPSK



Date: 29.FEB.2020 00:12:01

Highest Channel / QPSK



Date: 29.FEB.2020 00:10:11

**Frequency Stability**

Test Conditions		EN-DC_2A_n41A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	LTE 10MHz + NR 100MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0005	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0010	

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.

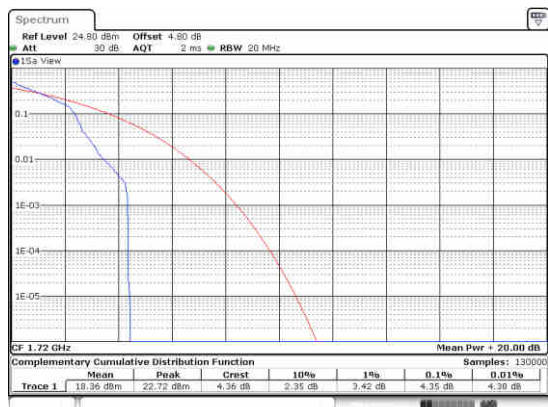


5G NR n66

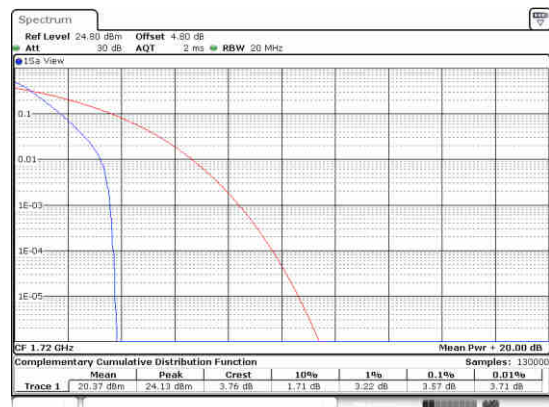
Peak-to-Average Ratio

EN-DC_5A_n66A / LTE 10MHz + NR 20MHz / BPSK

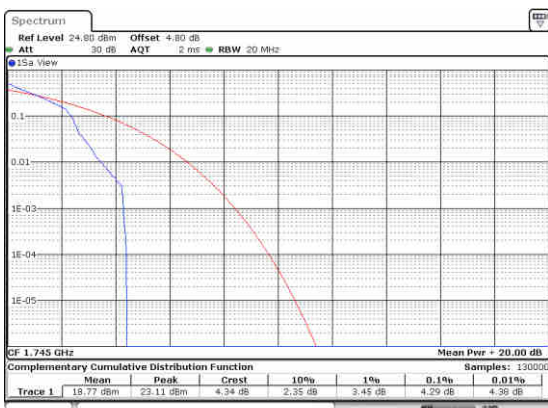
Lowest Channel / 1RB0



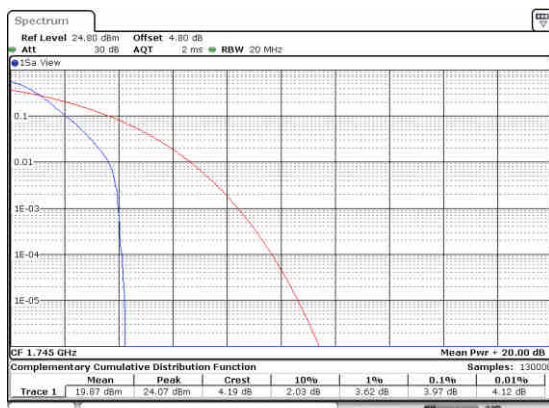
Lowest Channel / 100RB0



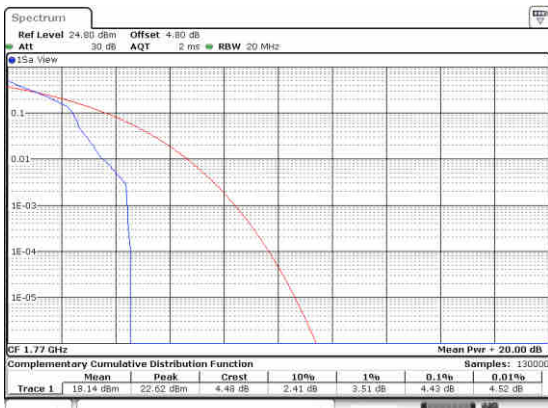
Middle Channel / 1RB0



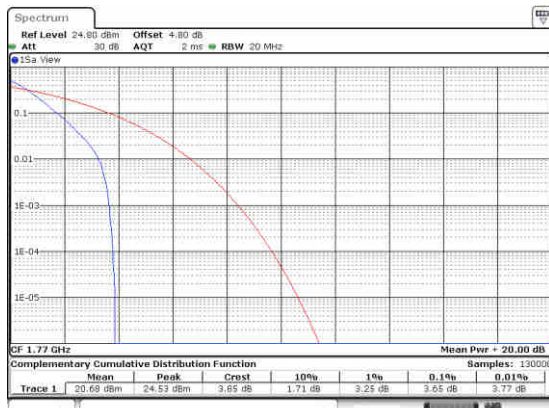
Middle Channel / 100RB0



Highest Channel / 1RB0



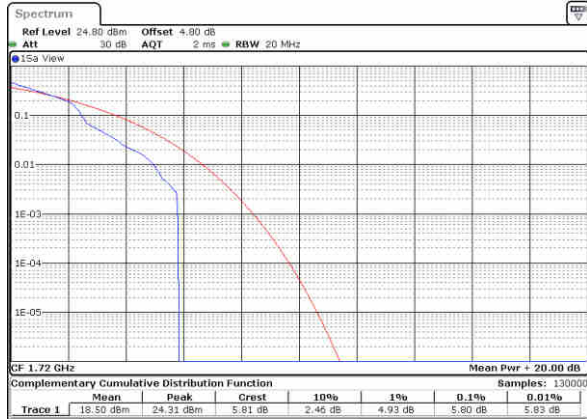
Highest Channel / 100RB0



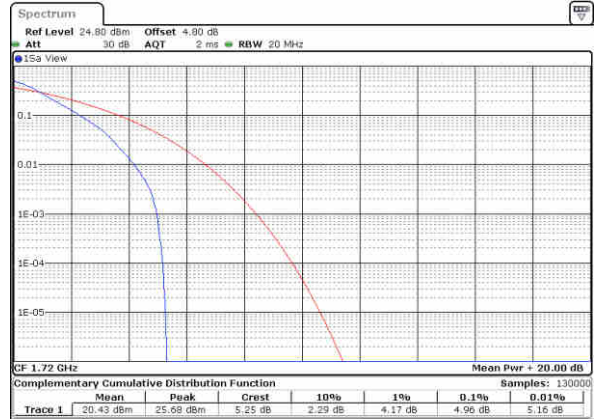


EN-DC_5A_n66A / LTE 10MHz + NR 20MHz / QPSK

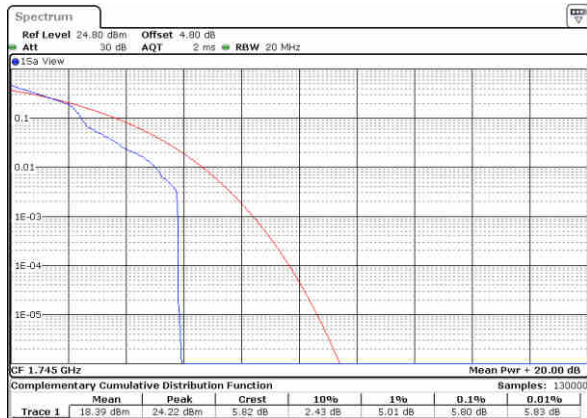
Lowest Channel / 1RB0



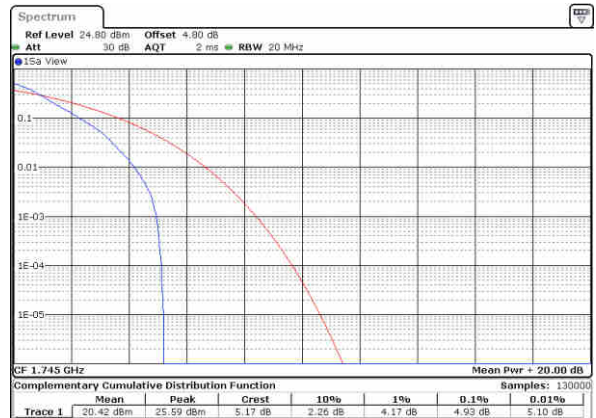
Lowest Channel / 100RB0



Middle Channel / 1RB0



Middle Channel / 100RB0

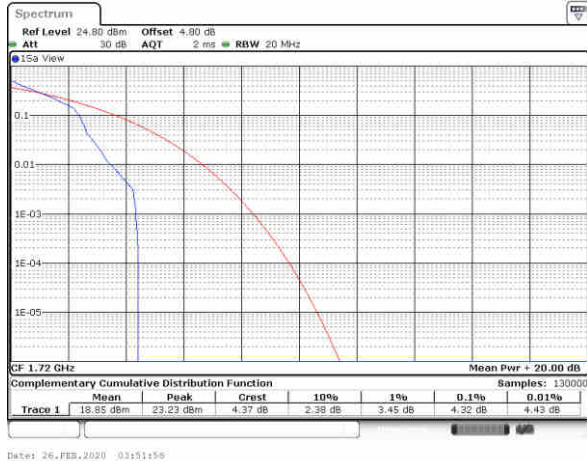
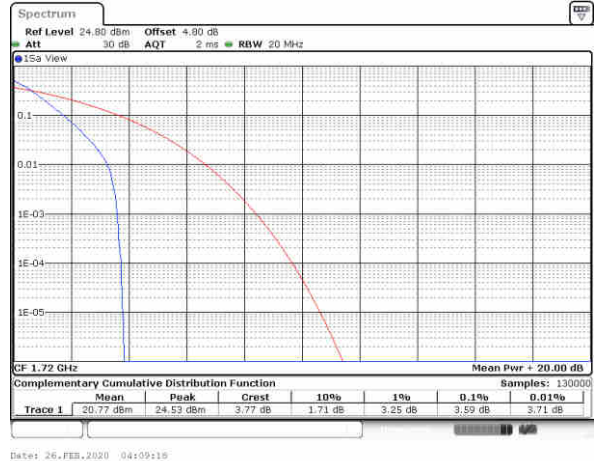
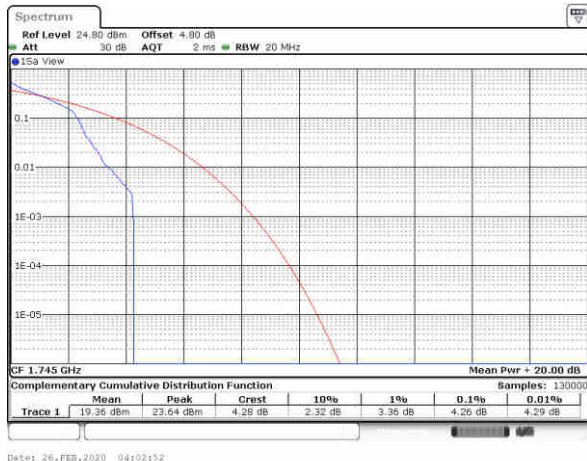
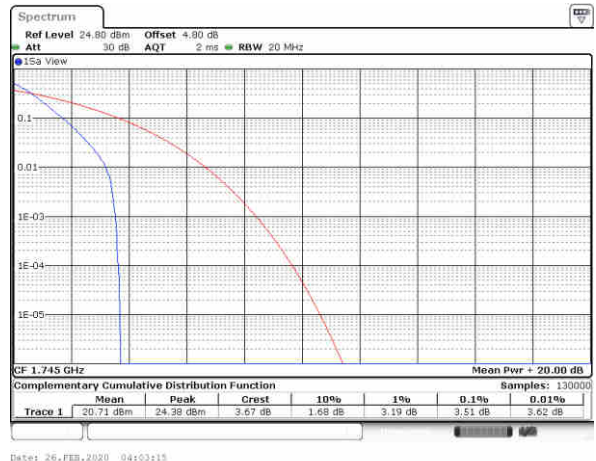
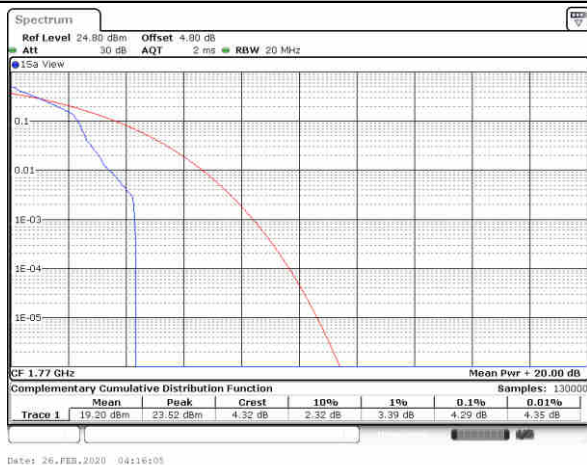


Highest Channel / 1RB0



Highest Channel / 100RB0



EN-DC_12A_n66A / LTE 10MHz + NR 20MHz / QPSK
Lowest Channel / 1RB0

Lowest Channel / 100RB0

Middle Channel / 1RB0

Middle Channel / 100RB0

Highest Channel / 1RB0

Highest Channel / 100RB0
