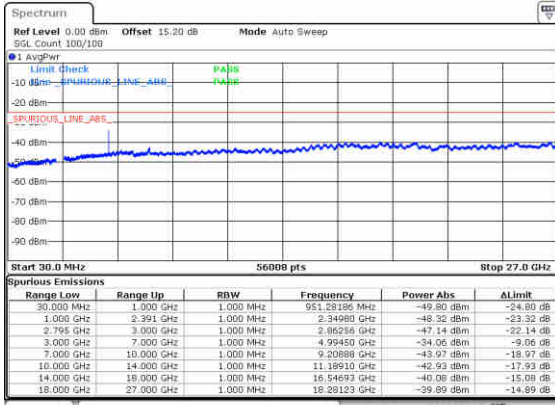




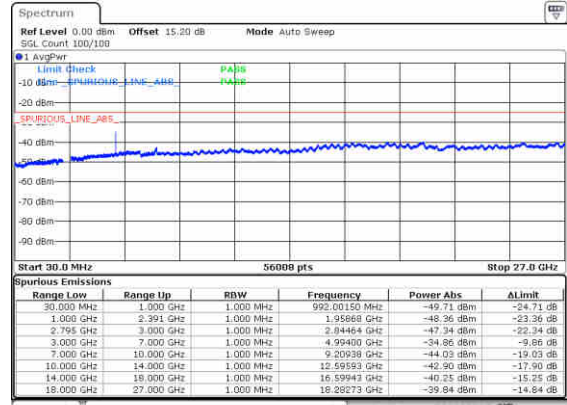
Conducted Spurious Emission

EN-DC_2A_n41A / LTE 20MHz + NR 20MHz

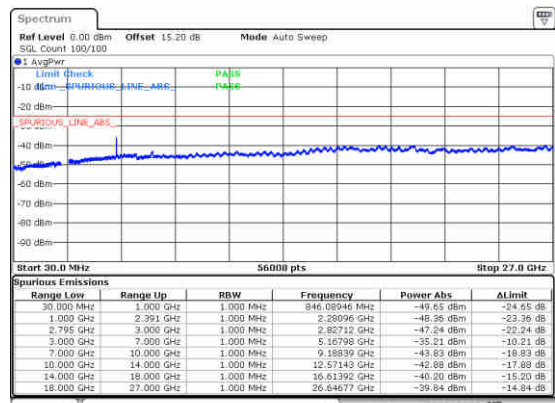
Lowest Channel / BPSK



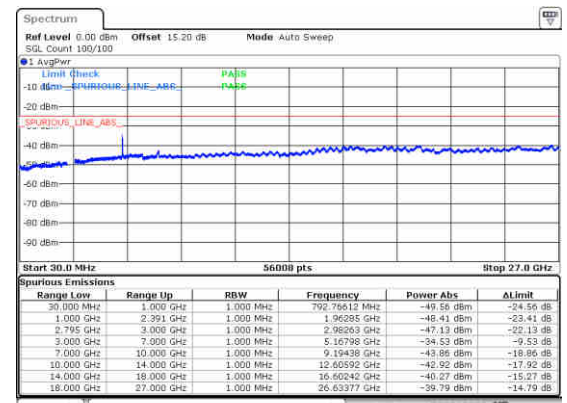
Lowest Channel / QPSK



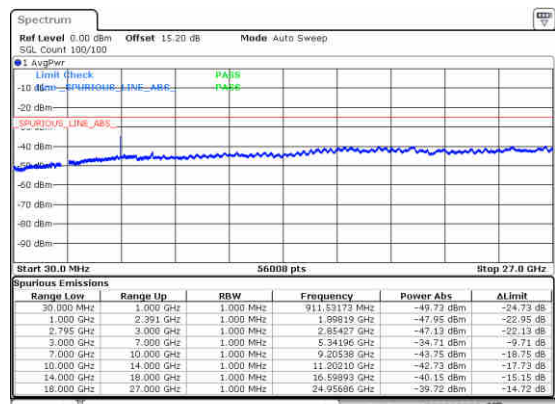
Middle Channel / BPSK



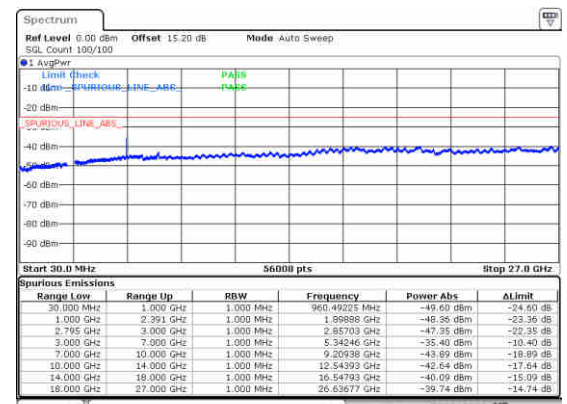
Middle Channel / QPSK



Highest Channel / BPSK



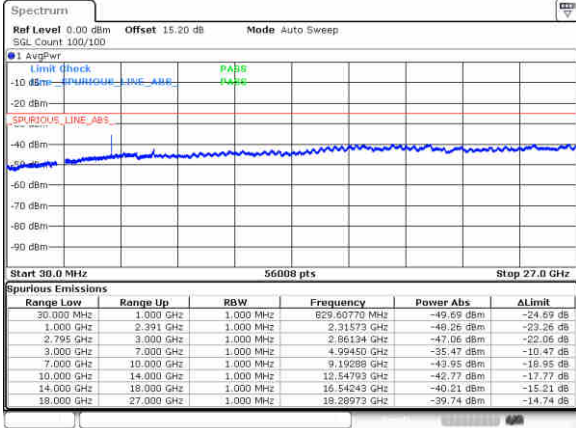
Highest Channel / QPSK





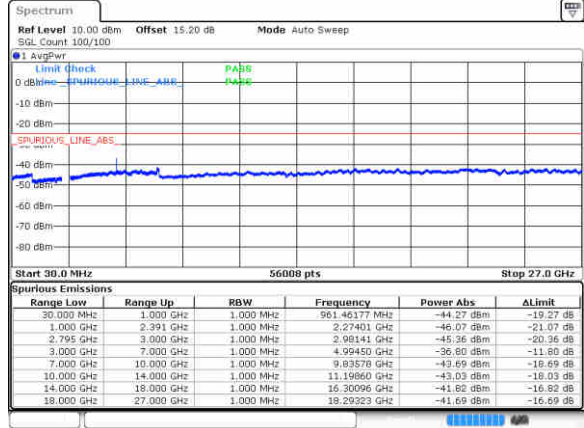
EN-DC_2A_n41A / LTE 20MHz + NR 60MHz

Lowest Channel / BPSK



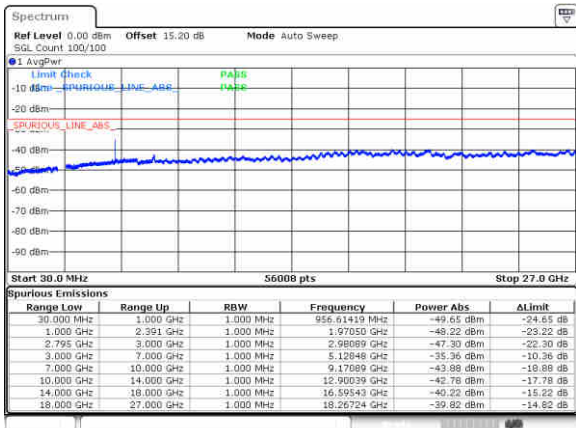
Date: 24.FEB.2020 19:31:31

Lowest Channel / QPSK



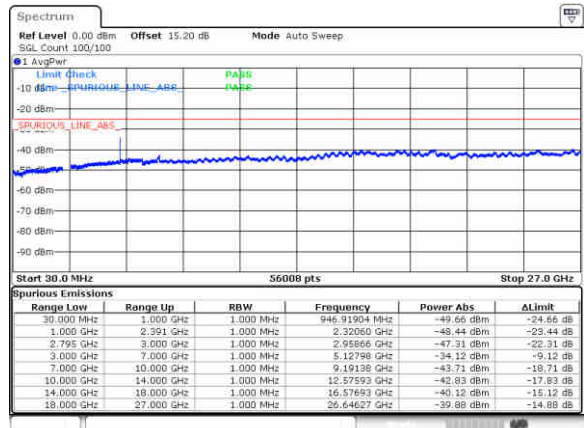
Date: 23.FEB.2020 17:06:43

Middle Channel / BPSK



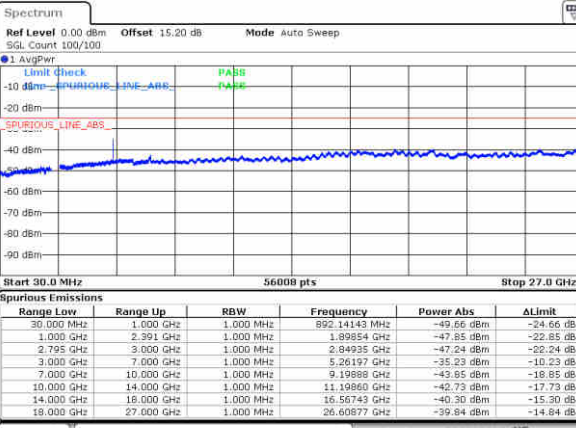
Date: 24.FEB.2020 19:04:21

Middle Channel / QPSK



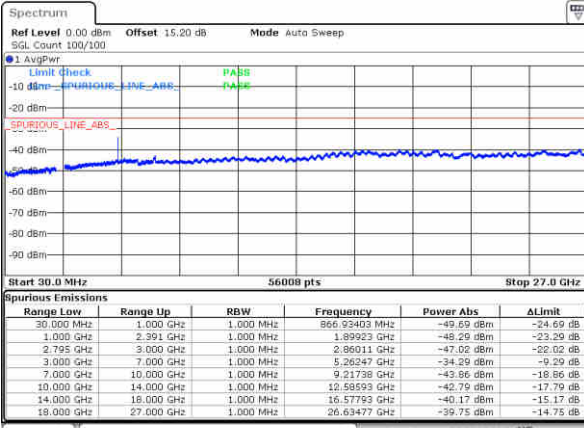
Date: 24.FEB.2020 19:05:21

Highest Channel / BPSK



Date: 24.FEB.2020 19:08:11

Highest Channel / QPSK

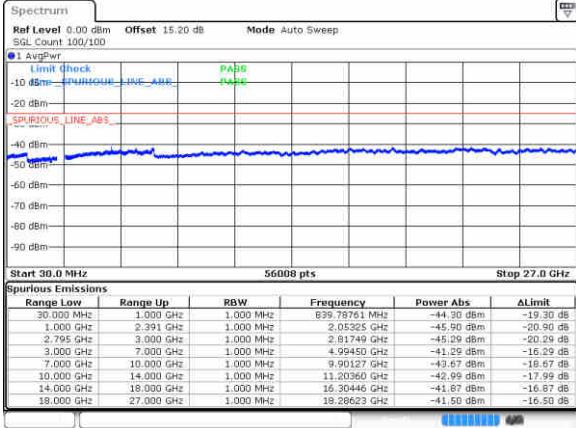


Date: 24.FEB.2020 19:10:45



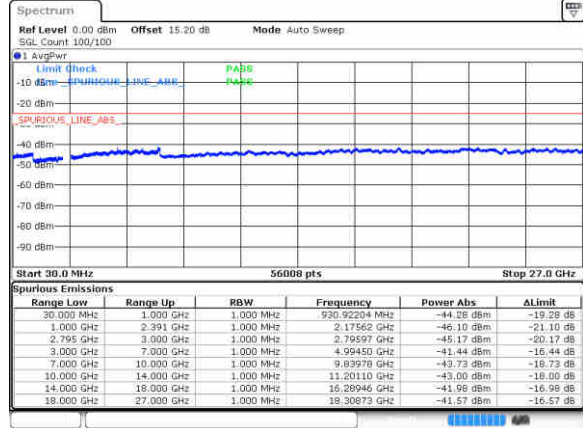
EN-DC_2A_n41A / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



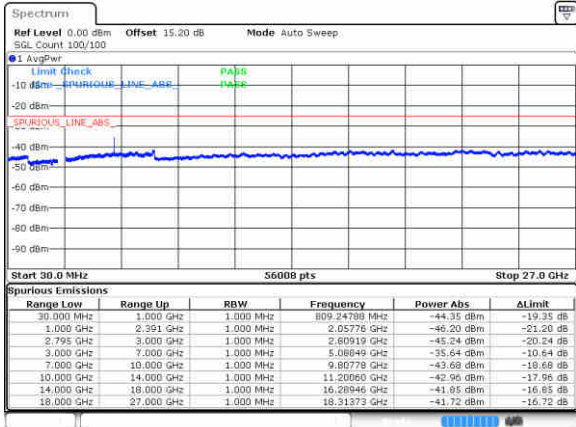
Date: 23 FEB 2020 06:48:14

Lowest Channel / QPSK



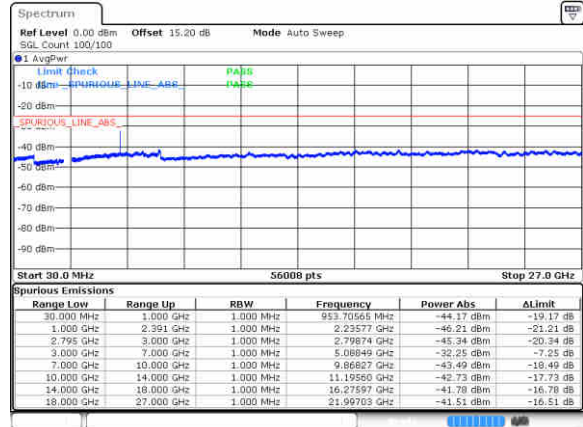
Date: 23 FEB 2020 06:43:14

Middle Channel / BPSK



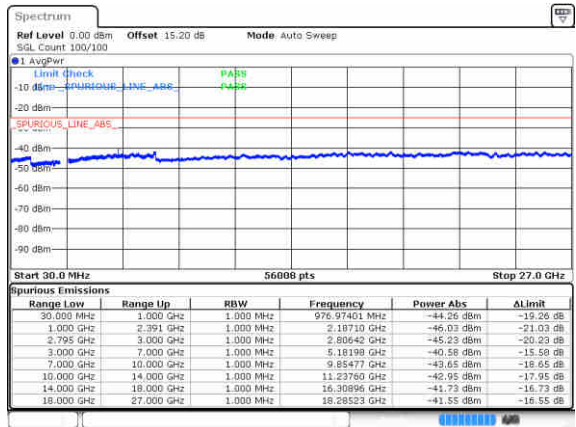
Date: 23 FEB 2020 06:49:26

Middle Channel / QPSK



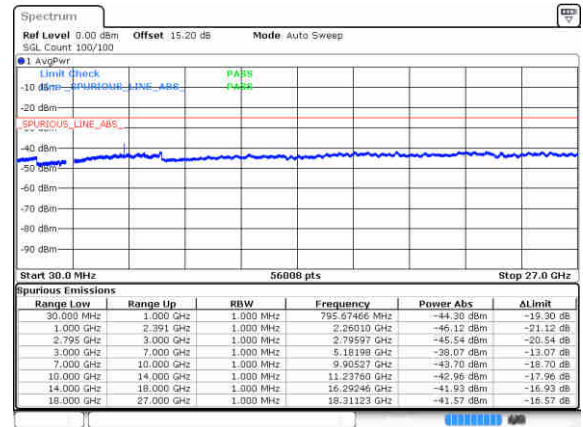
Date: 23 FEB 2020 06:51:48

Highest Channel / BPSK



Date: 23 FEB 2020 07:28:00

Highest Channel / QPSK

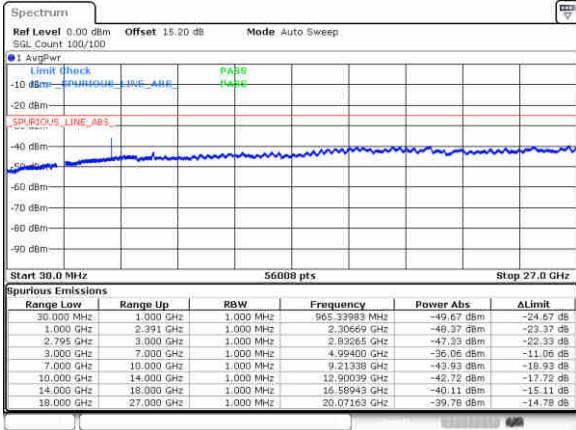


Date: 23 FEB 2020 07:28:31



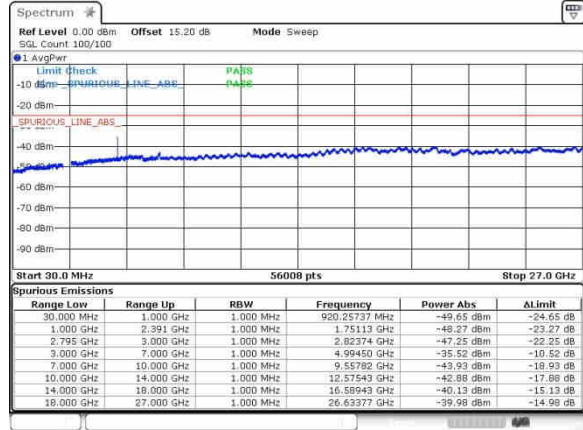
EN-DC_3A_n41A / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



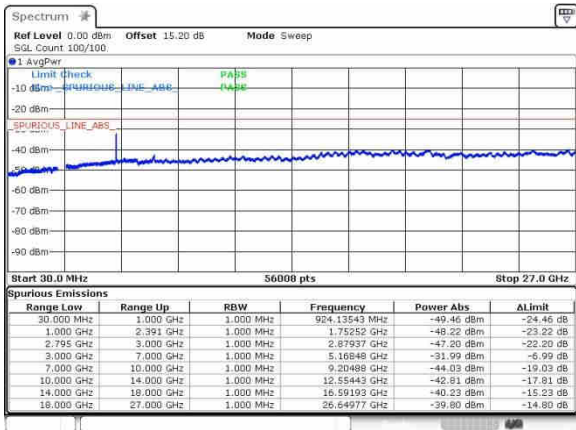
Date: 25.FEB.2020 02:28:04

Lowest Channel / QPSK



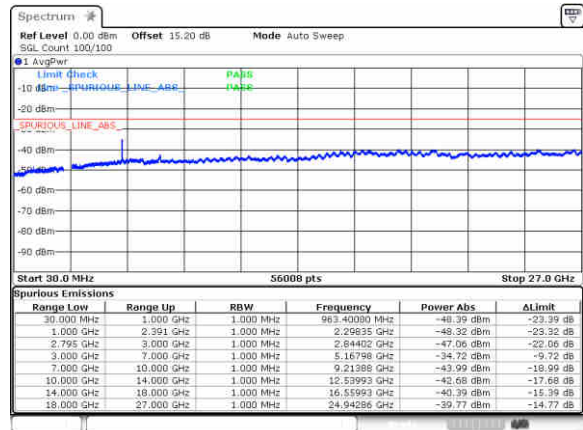
Date: 25.FEB.2020 03:41:56

Middle Channel / BPSK



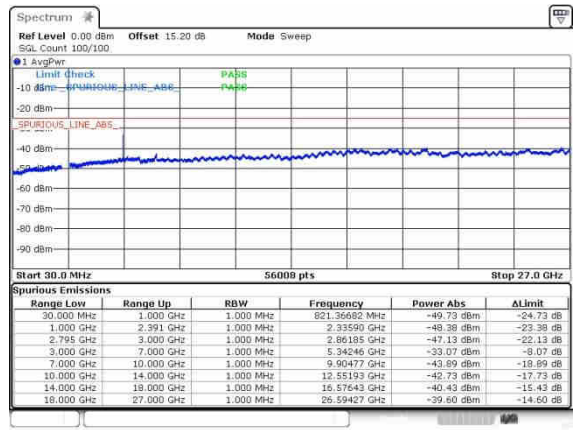
Date: 25.FEB.2020 03:59:33

Middle Channel / QPSK



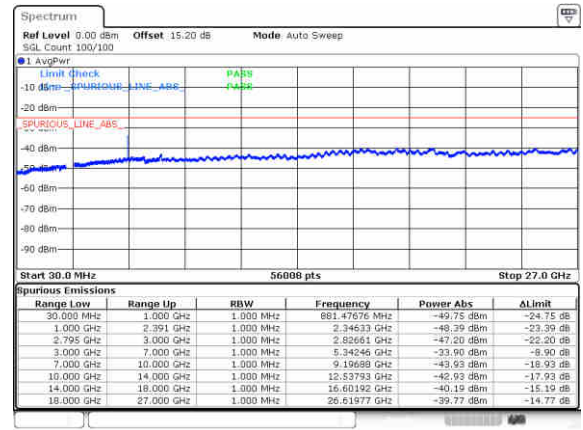
Date: 25.FEB.2020 03:57:35

Highest Channel / BPSK



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

Highest Channel / QPSK

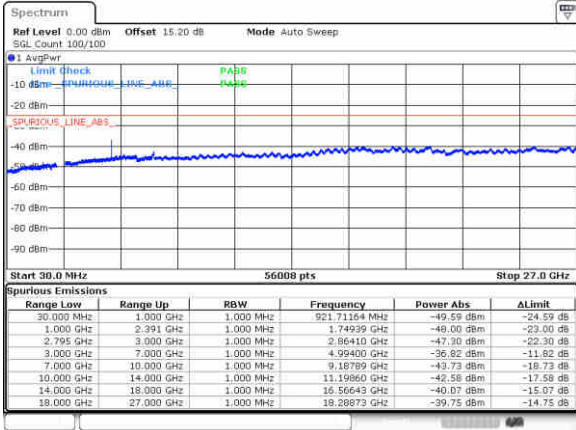


Date: 25.FEB.2020 02:05:53



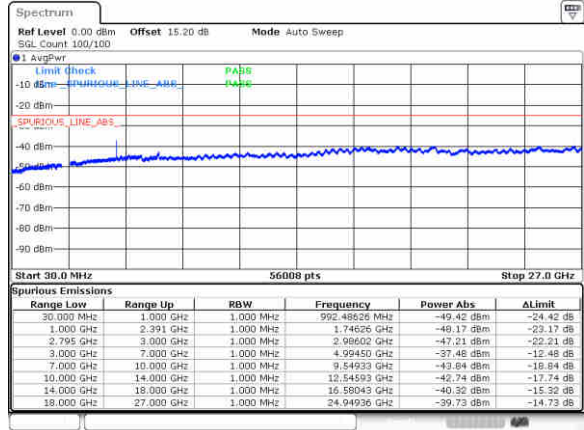
EN-DC_3A_n41A / LTE 20MHz + NR 60MHz

Lowest Channel / BPSK



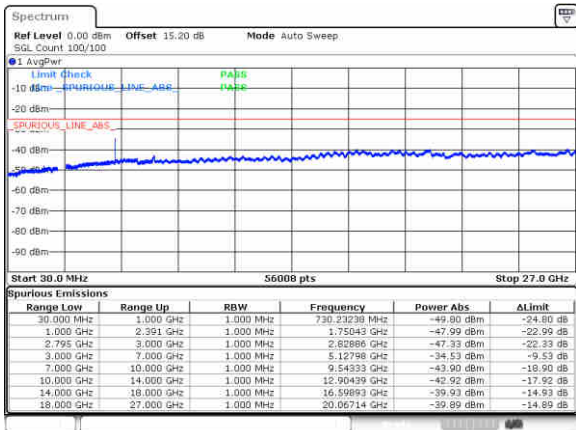
Date: 25.FEB.2020 00:40:10

Lowest Channel / QPSK



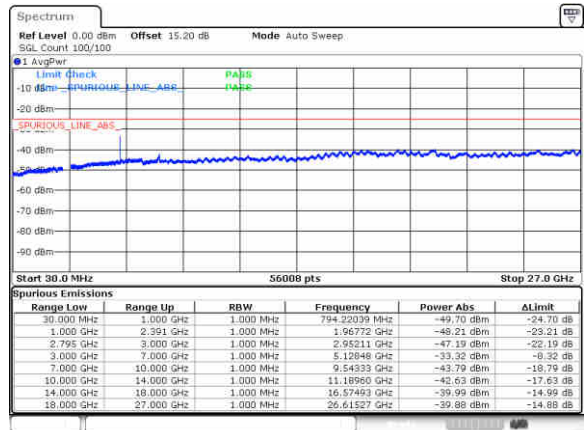
Date: 25.FEB.2020 00:43:38

Middle Channel / BPSK



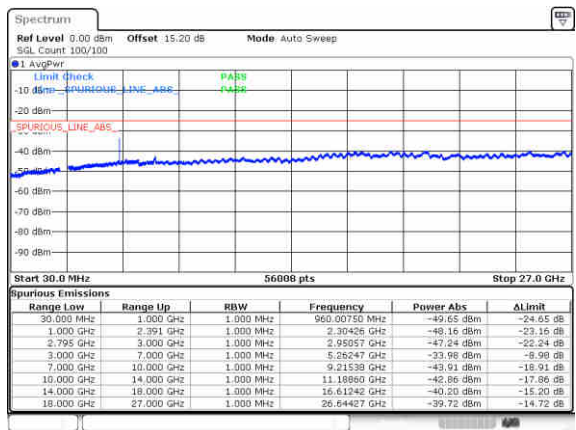
Date: 25.FEB.2020 01:53:11

Middle Channel / QPSK



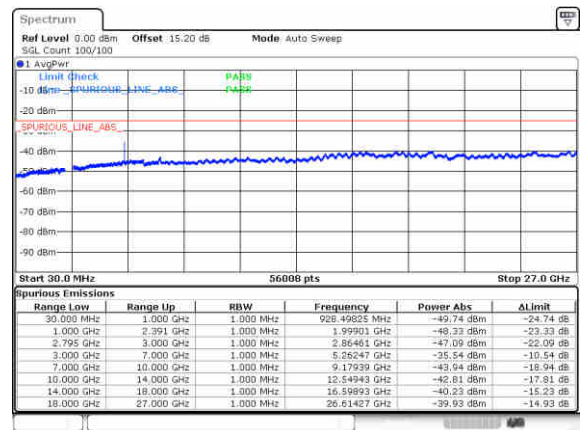
Date: 25.FEB.2020 01:50:17

Highest Channel / BPSK



Date: 25.FEB.2020 01:52:00

Highest Channel / QPSK

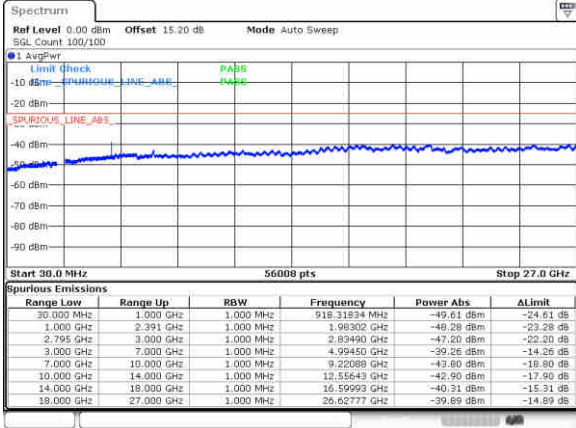


Date: 25.FEB.2020 01:52:55



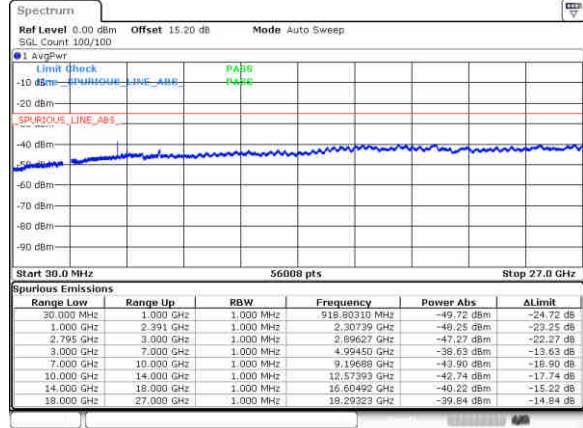
EN-DC_3A_n41A / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



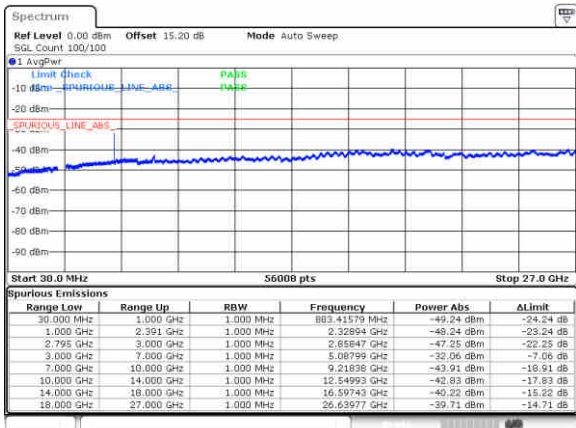
Date: 25.FEB.2020 00:10:24

Lowest Channel / QPSK



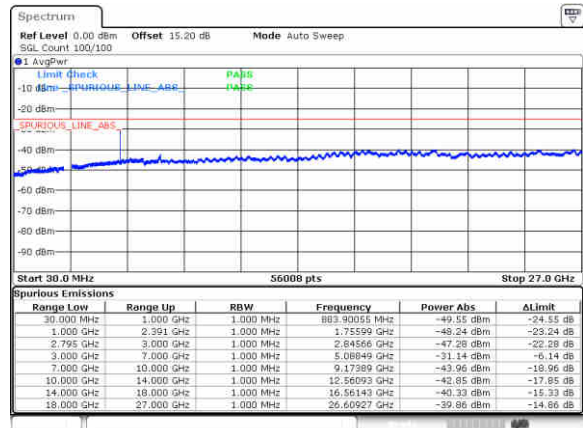
Date: 25.FEB.2020 00:13:03

Middle Channel / BPSK



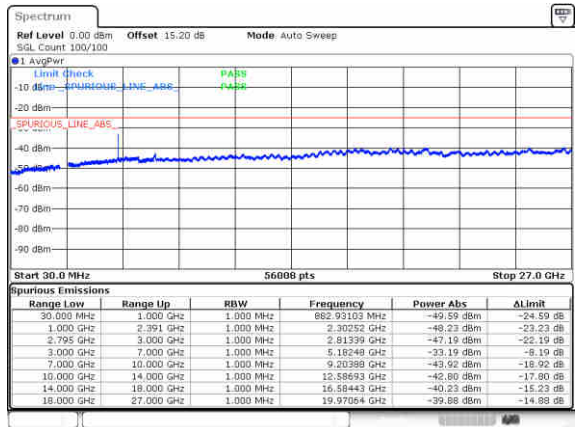
Date: 24.FEB.2020 23:22:24

Middle Channel / QPSK



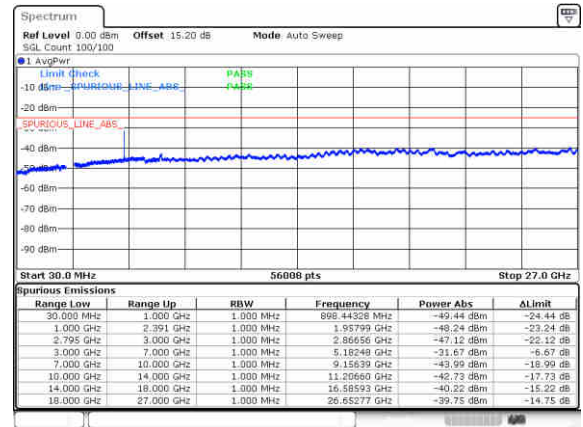
Date: 24.FEB.2020 23:19:04

Highest Channel / BPSK



Date: 24.FEB.2020 23:04:47

Highest Channel / QPSK

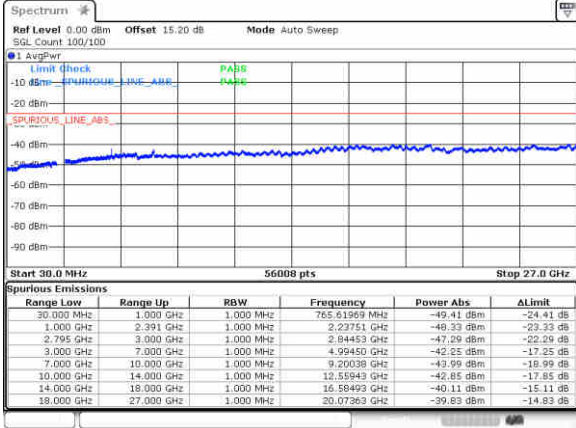


Date: 24.FEB.2020 23:04:45



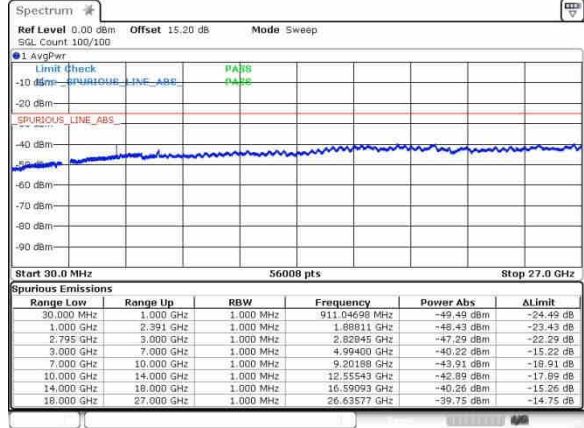
EN-DC_25A_n41A / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



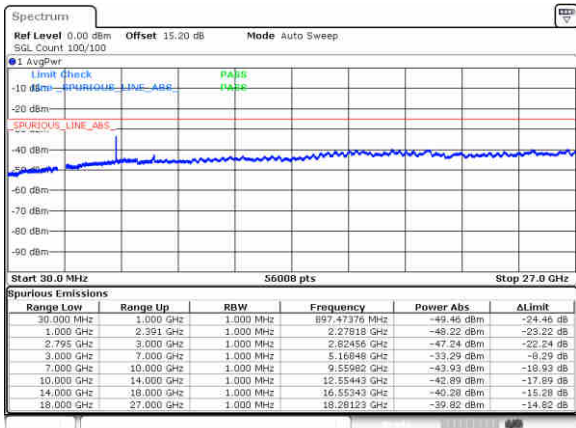
Date: 25.FEB.2020 04:13:30

Lowest Channel / QPSK



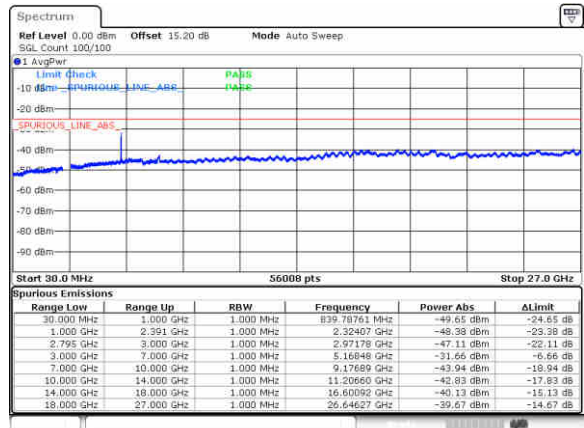
Date: 25.FEB.2020 04:14:20

Middle Channel / BPSK



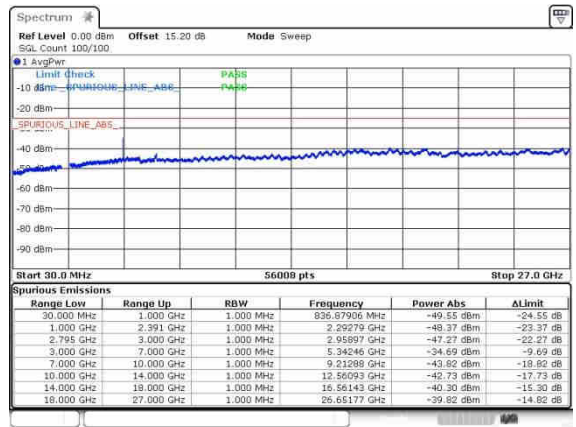
Date: 25.FEB.2020 04:14:27

Middle Channel / QPSK



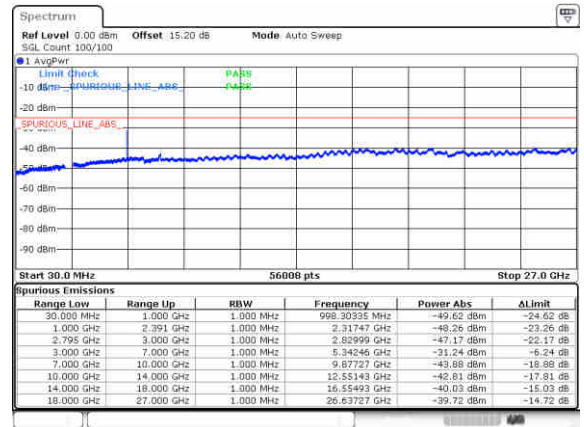
Date: 25.FEB.2020 04:14:37

Highest Channel / BPSK



Date: 25.FEB.2020 04:15:48

Highest Channel / QPSK

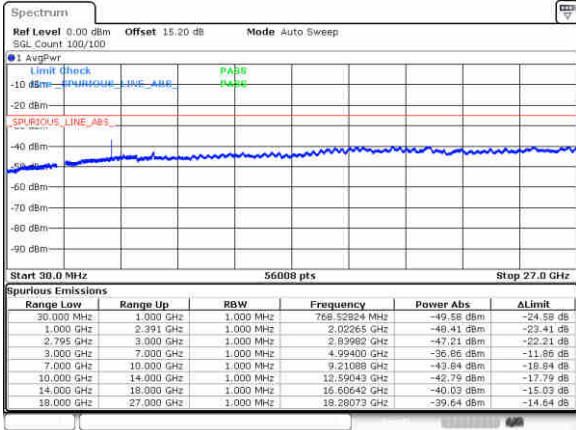


Date: 25.FEB.2020 04:16:00



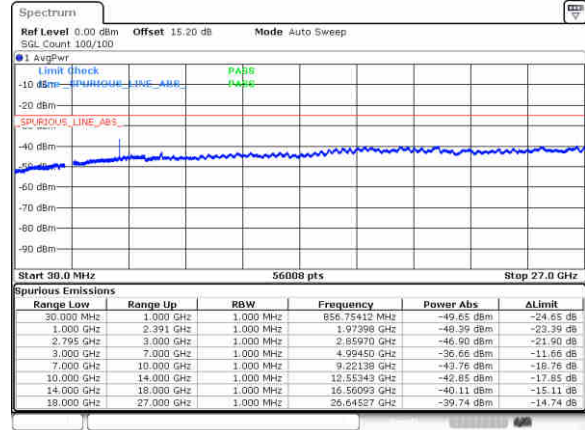
EN-DC_25A_n41A / LTE 20MHz + NR 60MHz

Lowest Channel / BPSK



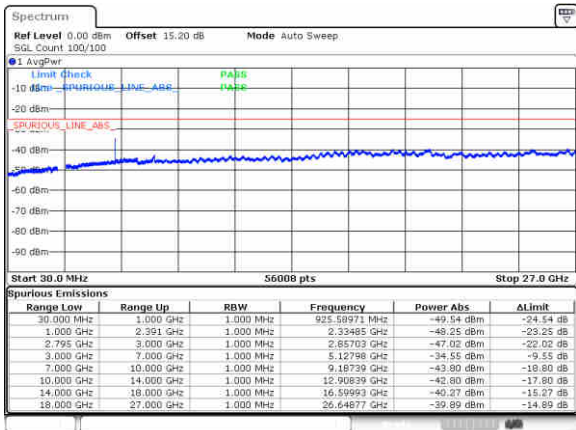
Date: 25.FEB.2020 09:12:04

Lowest Channel / QPSK



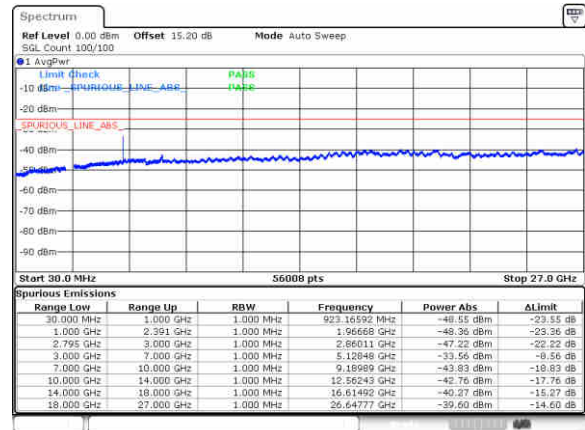
Date: 25.FEB.2020 09:14:01

Middle Channel / BPSK



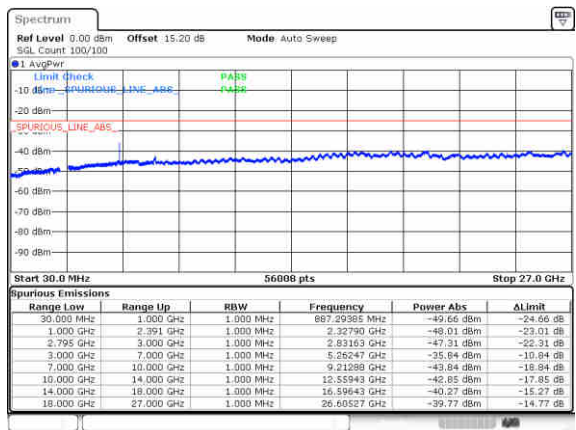
Date: 25.FEB.2020 09:19:30

Middle Channel / QPSK



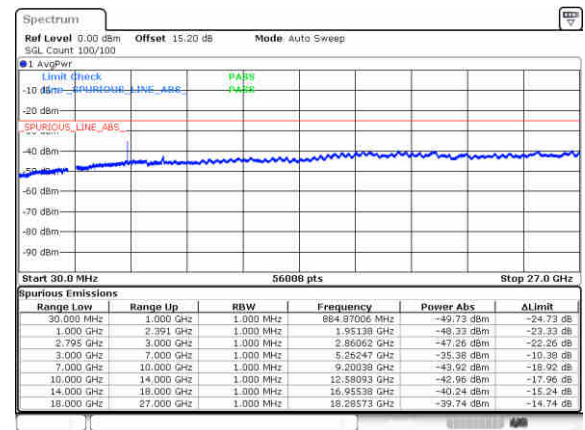
Date: 25.FEB.2020 09:17:21

Highest Channel / BPSK



Date: 25.FEB.2020 09:24:01

Highest Channel / QPSK

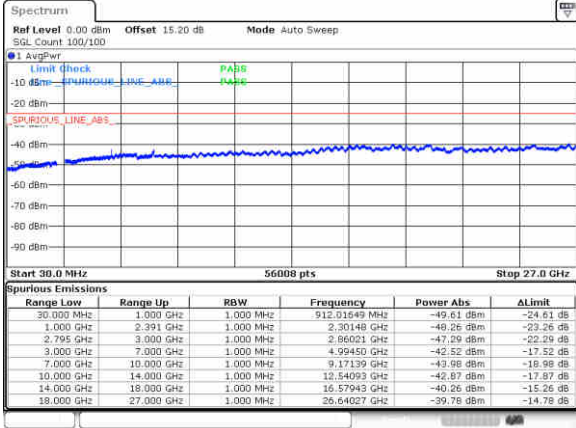


Date: 25.FEB.2020 09:24:01



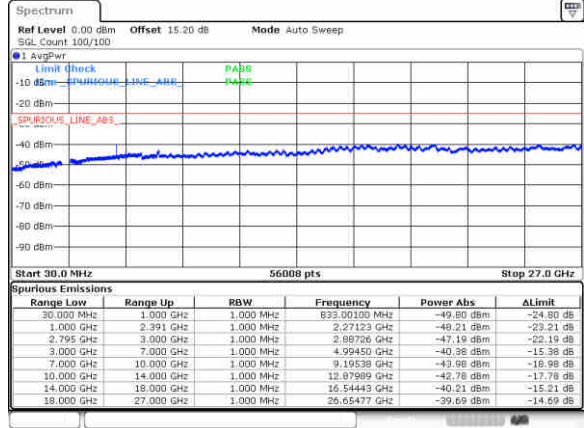
EN-DC_25A_n41A / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



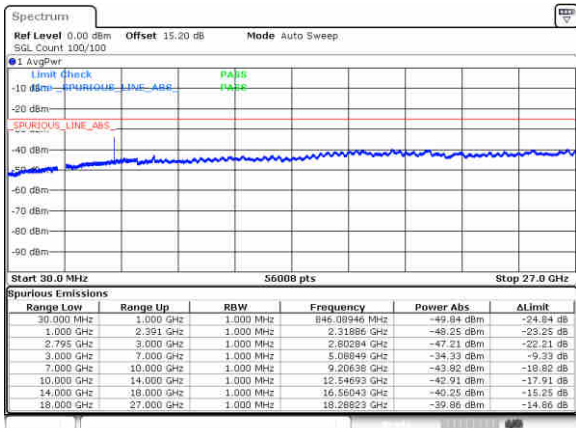
Date: 25.FEB.2020 07:31:30

Lowest Channel / QPSK



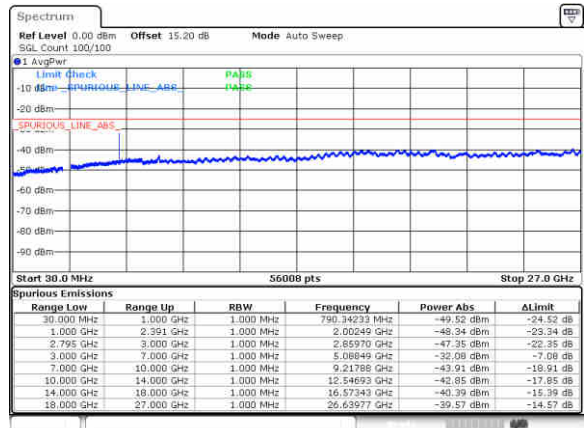
Date: 25.FEB.2020 07:29:32

Middle Channel / BPSK



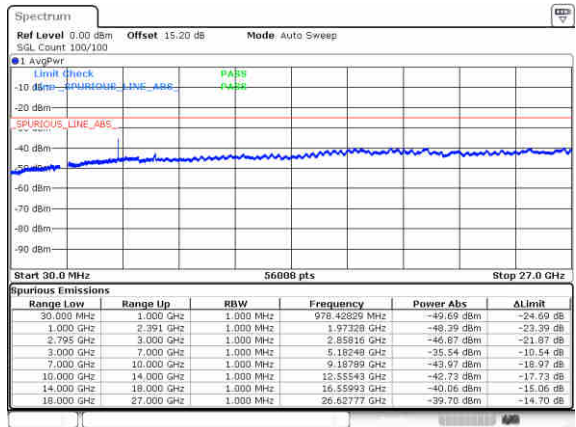
Date: 25.FEB.2020 07:53:31

Middle Channel / QPSK



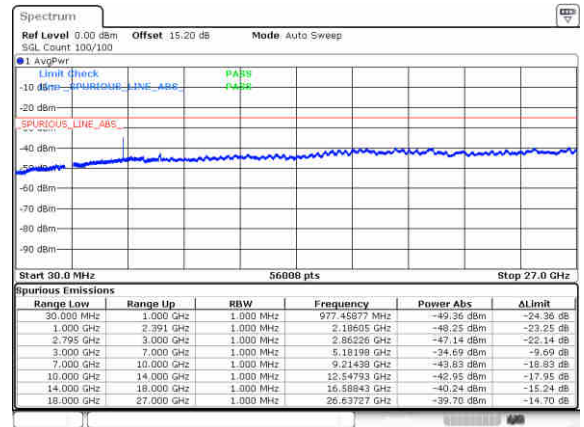
Date: 25.FEB.2020 07:56:49

Highest Channel / BPSK



Date: 25.FEB.2020 08:22:31

Highest Channel / QPSK

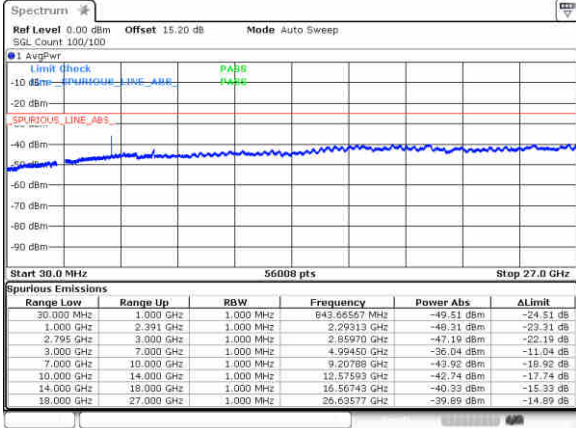


Date: 25.FEB.2020 08:22:34



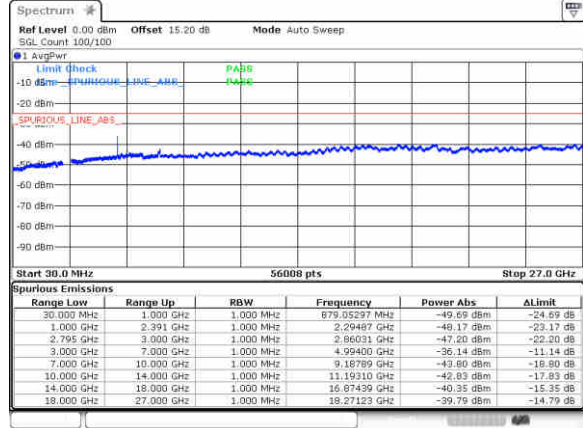
EN-DC_26A_n41A / LTE 15MHz + NR 20MHz

Lowest Channel / BPSK



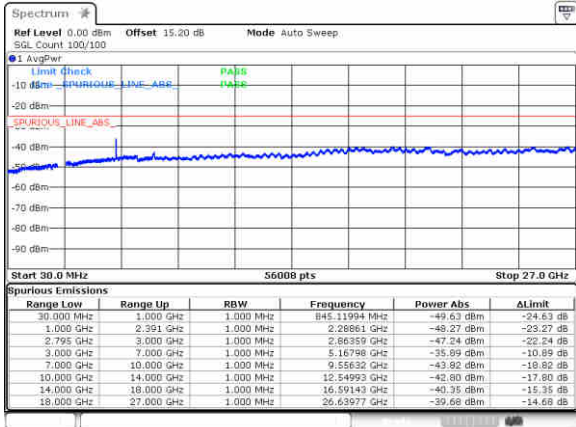
Date: 26.FEB.2020 17:45:09

Lowest Channel / QPSK



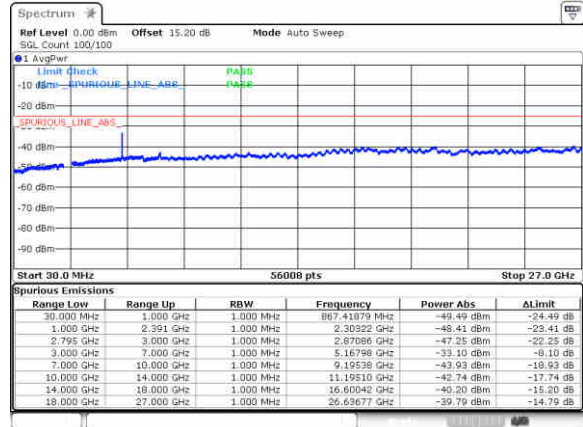
Date: 26.FEB.2020 17:43:48

Middle Channel / BPSK



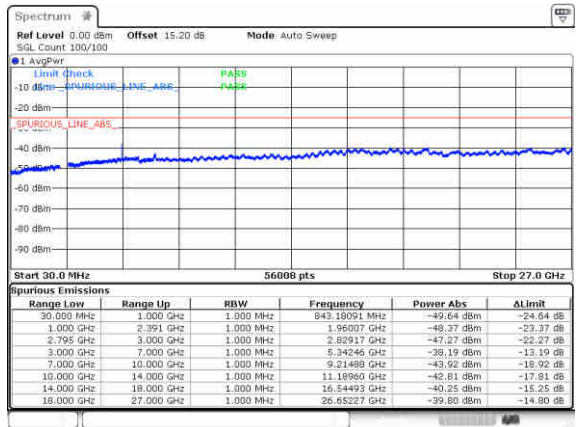
Date: 26.FEB.2020 17:30:11

Middle Channel / QPSK



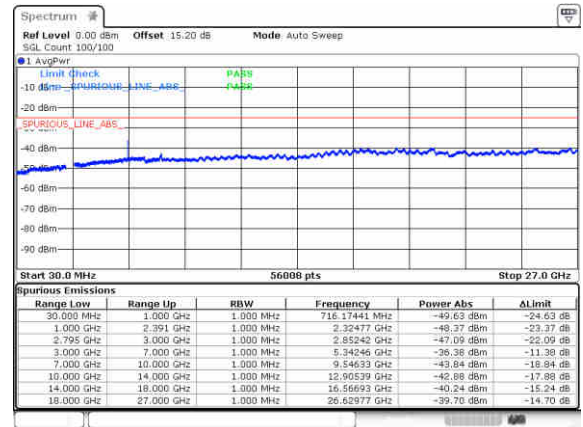
Date: 26.FEB.2020 17:32:08

Highest Channel / BPSK



Date: 26.FEB.2020 17:30:07

Highest Channel / QPSK

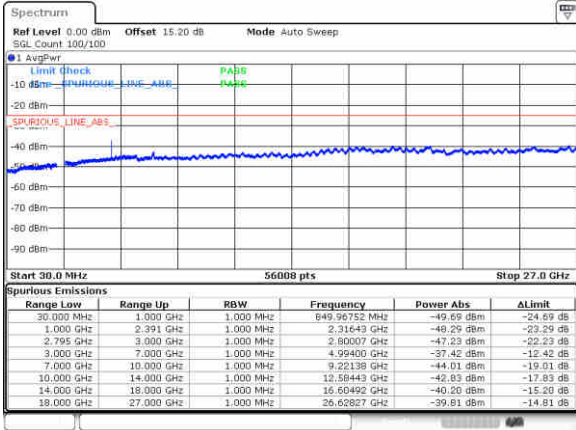


Date: 26.FEB.2020 17:30:11



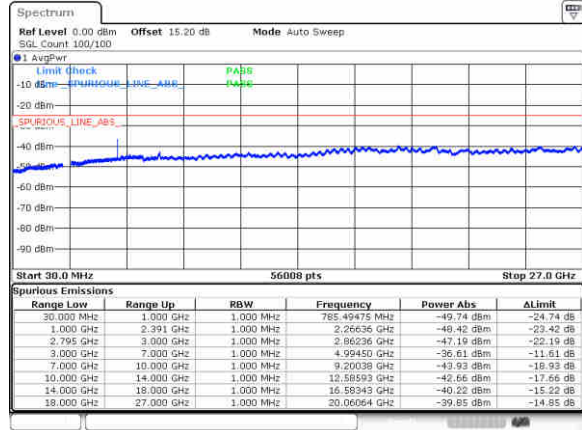
EN-DC_26A_n41A / LTE 15MHz + NR 60MHz

Lowest Channel / BPSK



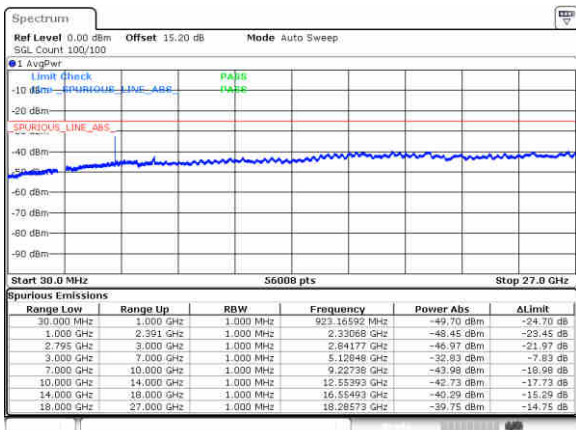
Date: 26.FEB.2020 13:36:22

Lowest Channel / QPSK



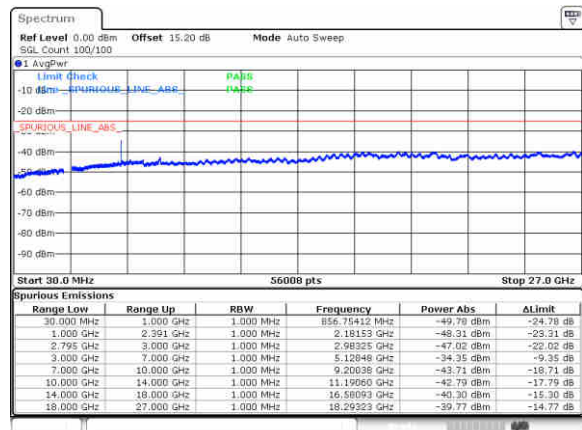
Date: 26.FEB.2020 13:39:14

Middle Channel / BPSK



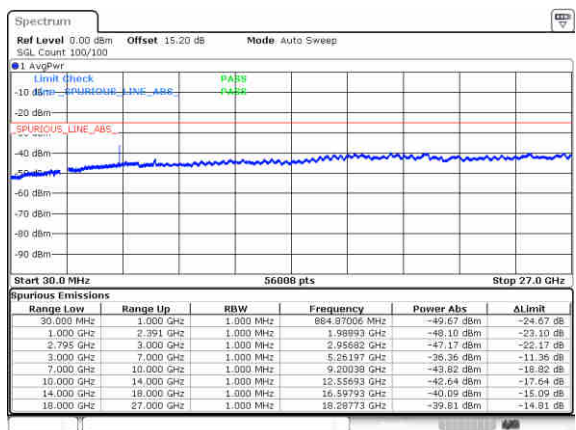
Date: 26.FEB.2020 15:25:28

Middle Channel / QPSK



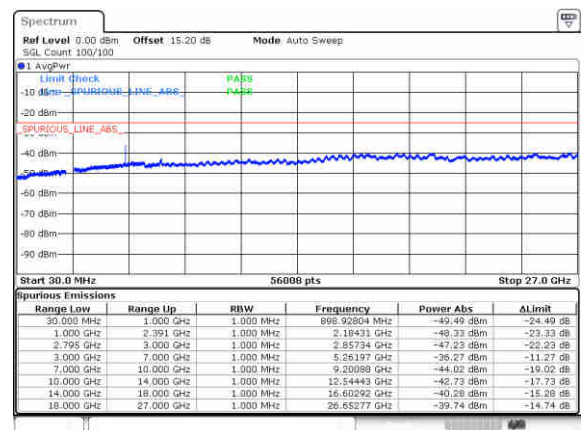
Date: 26.FEB.2020 15:27:15

Highest Channel / BPSK



Date: 26.FEB.2020 15:27:22

Highest Channel / QPSK

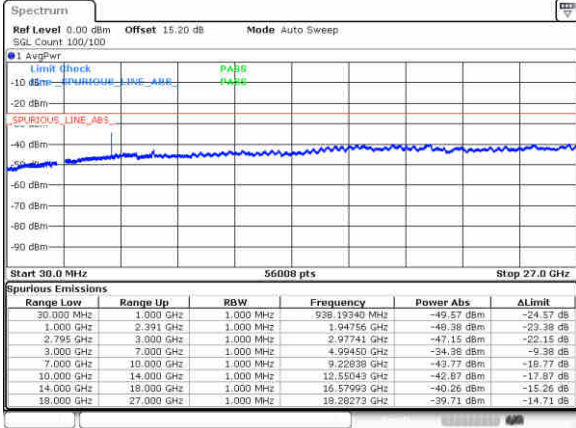


Date: 26.FEB.2020 15:19:13



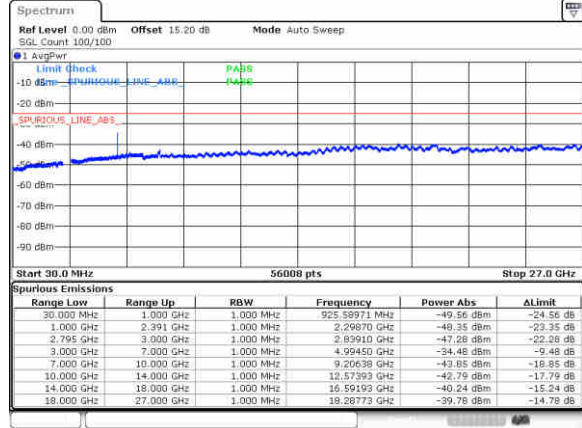
EN-DC_26A_n41A / LTE 15MHz + NR 100MHz

Lowest Channel / BPSK



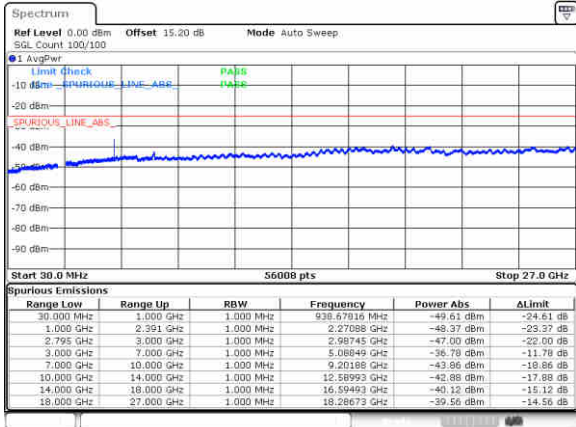
Date: 26.FEB.2020 14:10:46

Lowest Channel / QPSK



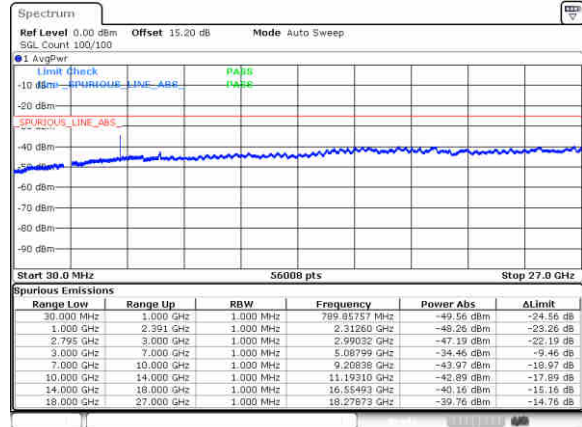
Date: 25.FEB.2020 10:32:04

Middle Channel / BPSK



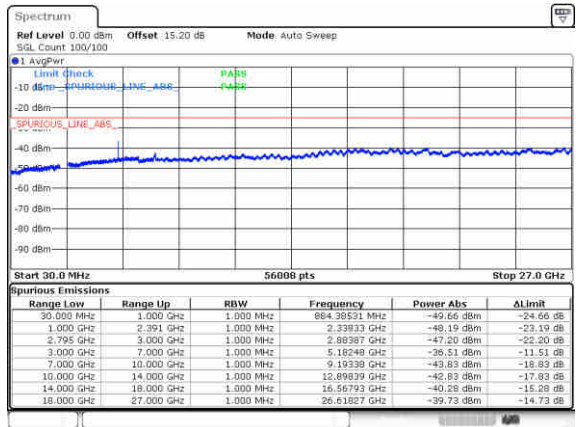
Date: 26.FEB.2020 14:23:53

Middle Channel / QPSK



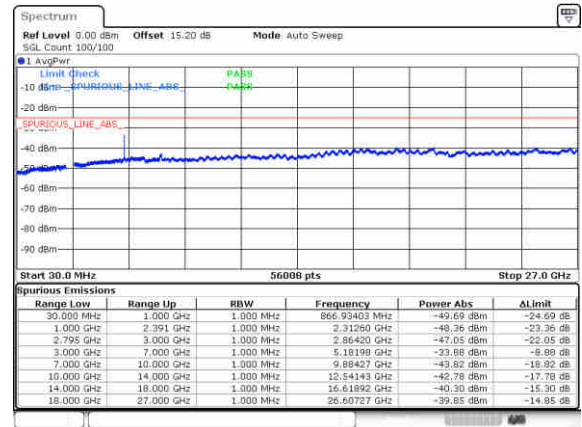
Date: 26.FEB.2020 14:26:29

Highest Channel / BPSK



Date: 26.FEB.2020 14:23:08

Highest Channel / QPSK

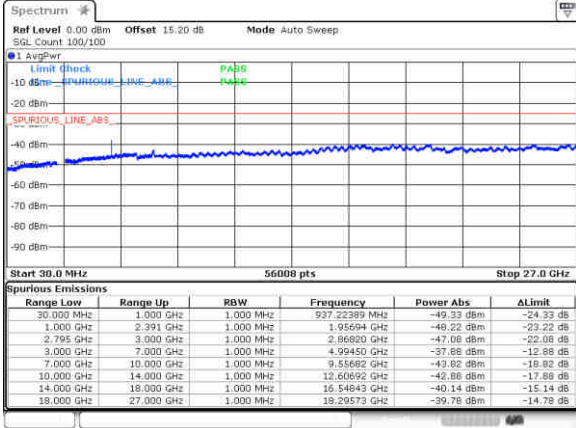


Date: 26.FEB.2020 14:23:13



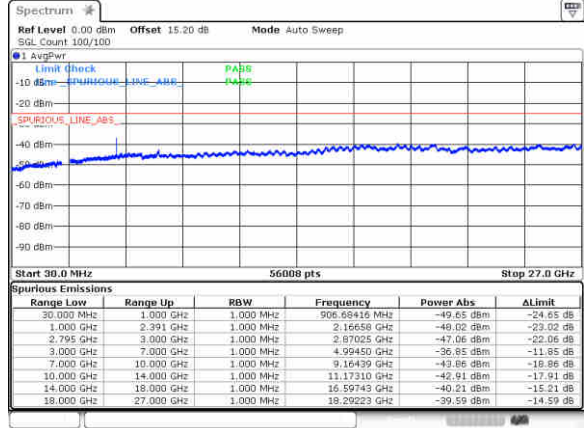
EN-DC_39A_n41A / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



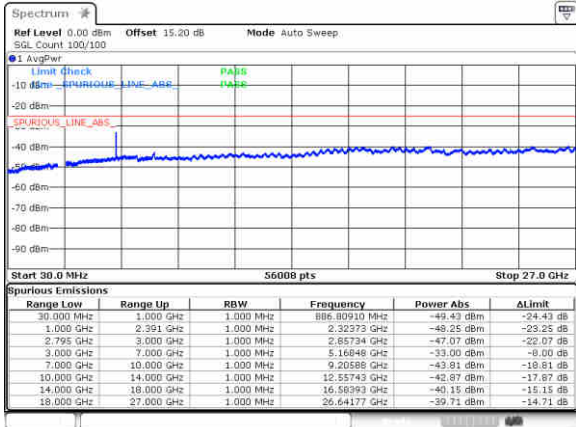
Date: 1..JAN..2007 04:31:39

Lowest Channel / QPSK



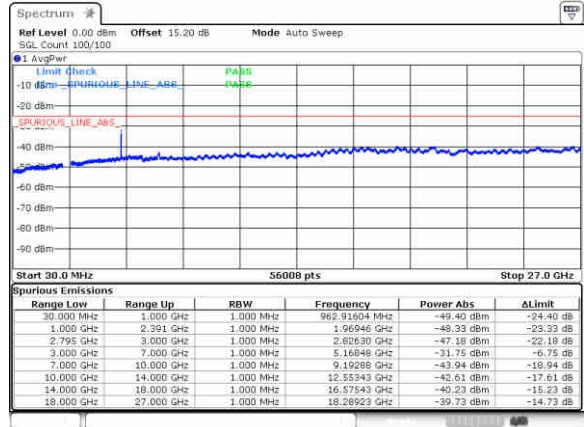
Date: 1..JAN..2007 04:31:36

Middle Channel / BPSK



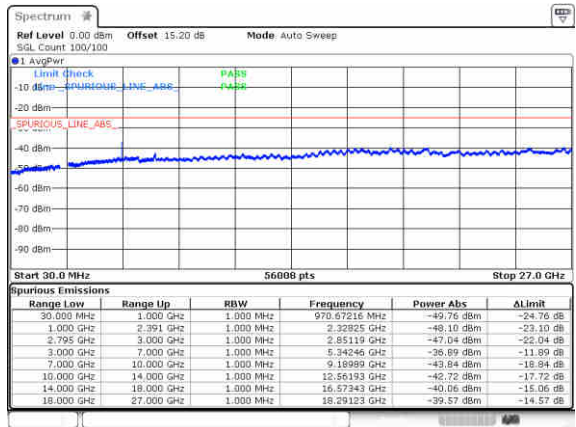
Date: 1..JAN..2007 04:05:23

Middle Channel / QPSK



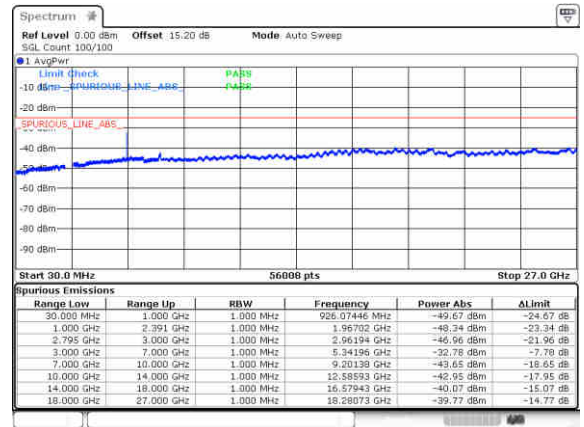
Date: 1..JAN..2007 04:03:03

Highest Channel / BPSK



Date: 1..JAN..2007 03:28:23

Highest Channel / QPSK

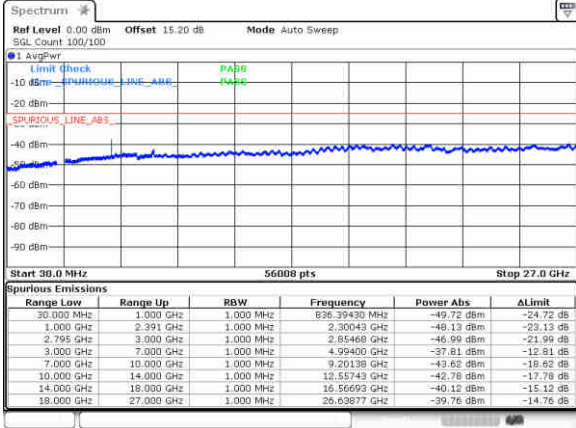


Date: 1..JAN..2007 03:28:23



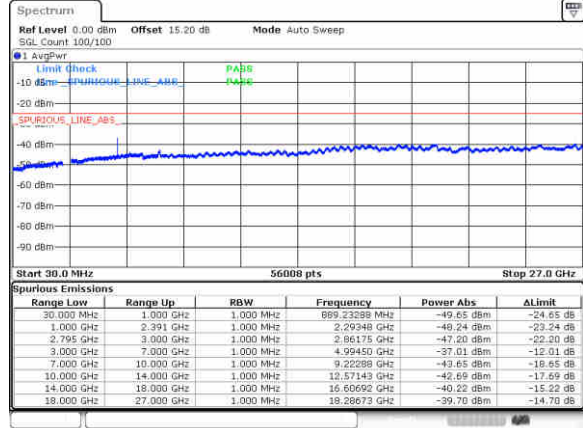
EN-DC_39A_n41A / LTE 20MHz + NR 60MHz

Lowest Channel / BPSK



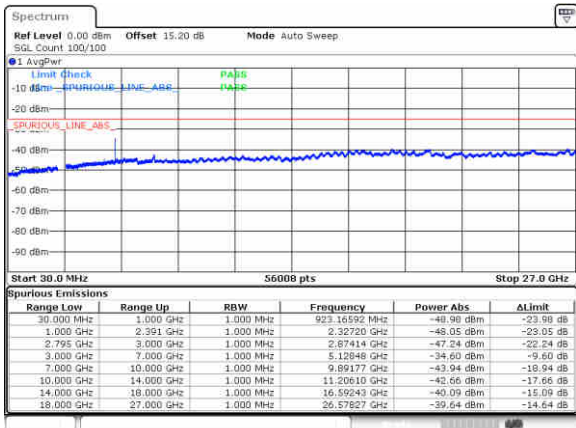
Date: 1.JAN.2007 02:29:39

Lowest Channel / QPSK



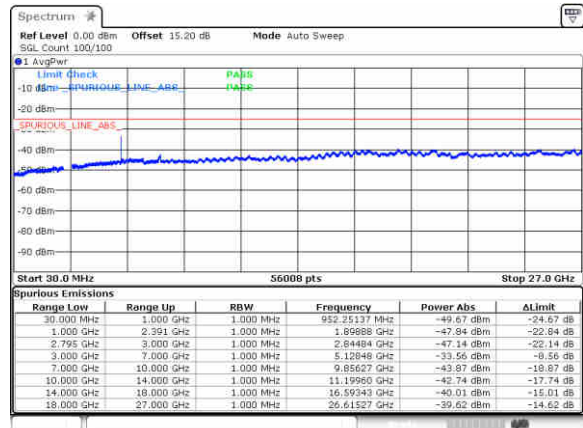
Date: 1.JAN.2007 02:31:42

Middle Channel / BPSK



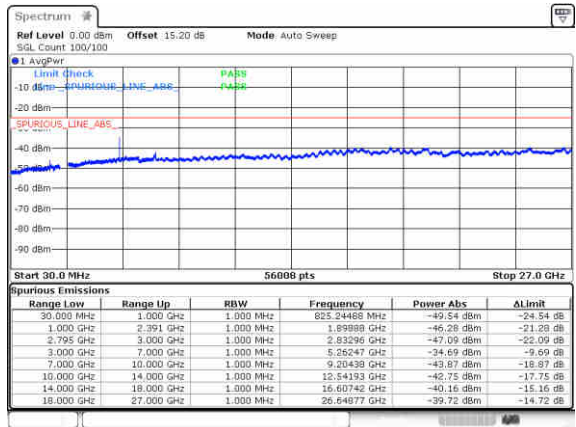
Date: 1.JAN.2007 02:46:54

Middle Channel / QPSK



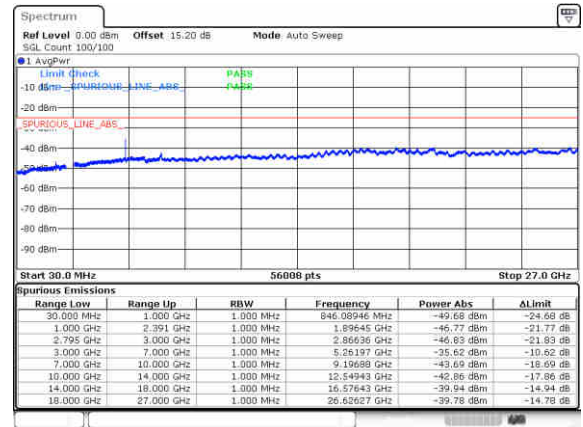
Date: 1.JAN.2007 02:48:16

Highest Channel / BPSK



Date: 1.JAN.2007 03:19:59

Highest Channel / QPSK

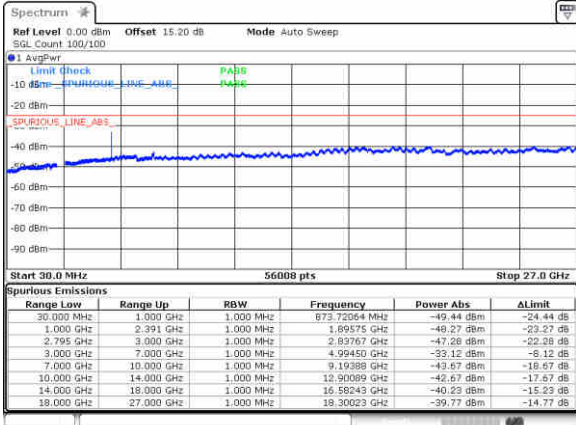


Date: 1.JAN.2007 03:19:59



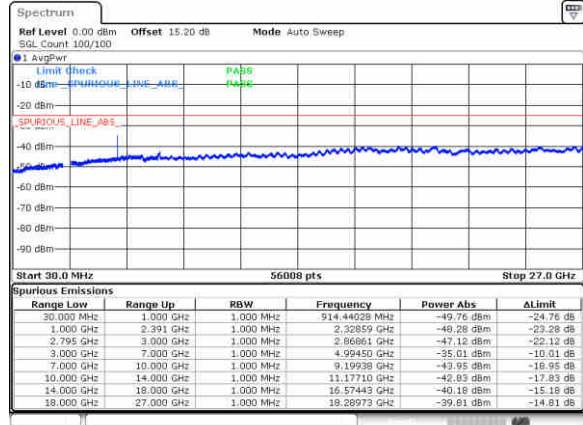
EN-DC_39A_n41A / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



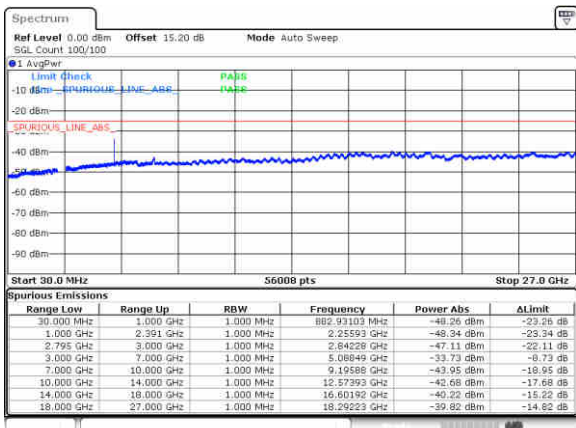
Date: 26.FEB.2020 18:10:47

Lowest Channel / QPSK



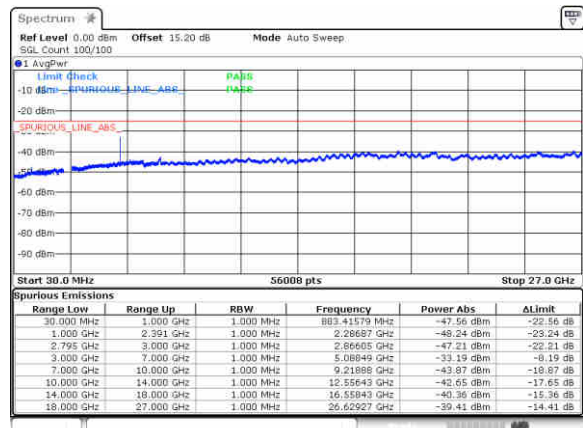
Date: 26.FEB.2020 18:12:31

Middle Channel / BPSK



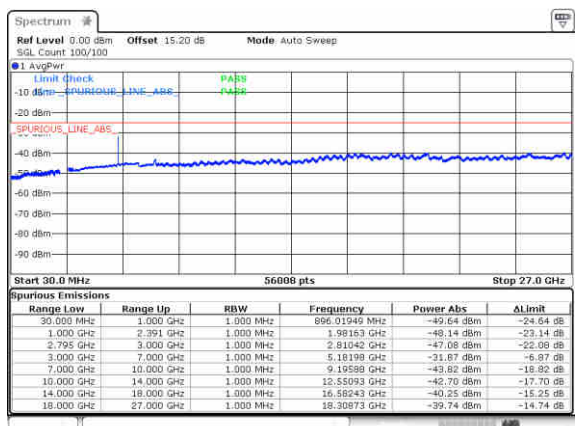
Date: 26.FEB.2020 20:55:28

Middle Channel / QPSK



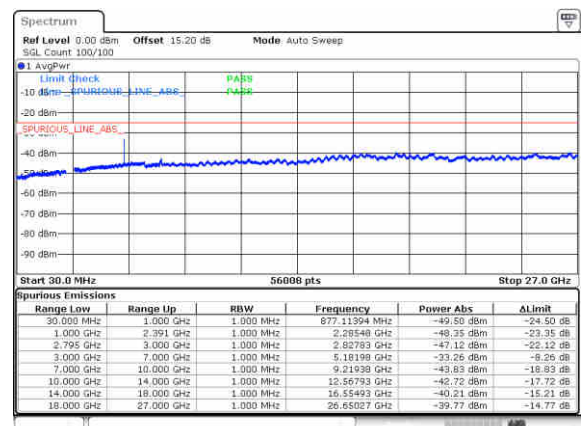
Date: 26.FEB.2020 20:53:32

Highest Channel / BPSK



Date: 26.FEB.2020 18:12:07

Highest Channel / QPSK

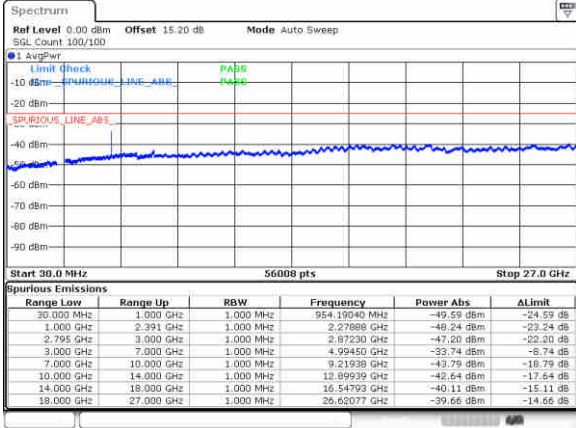


Date: 26.FEB.2020 18:12:55



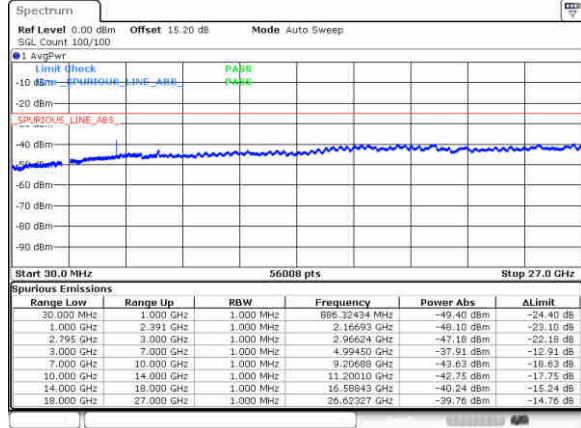
EN-DC_41A_n41A / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



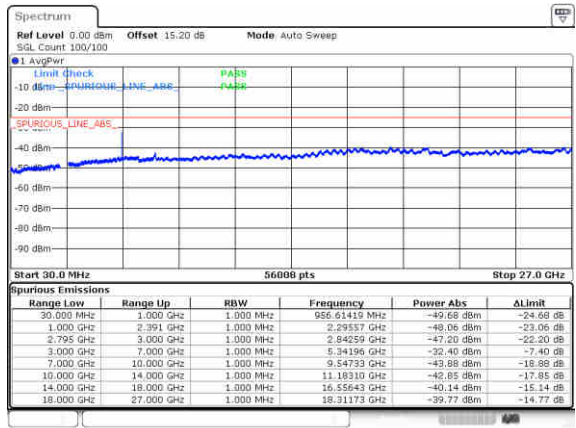
Date: 1.MAR.2020 01:24:07

Lowest Channel / QPSK



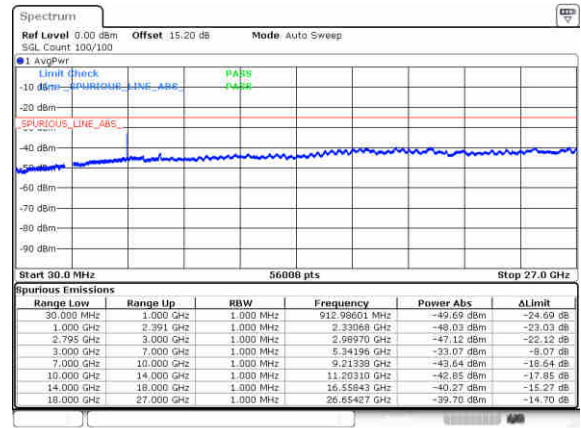
Date: 1.MAR.2020 01:19:07

Highest Channel / BPSK



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

Highest Channel / QPSK

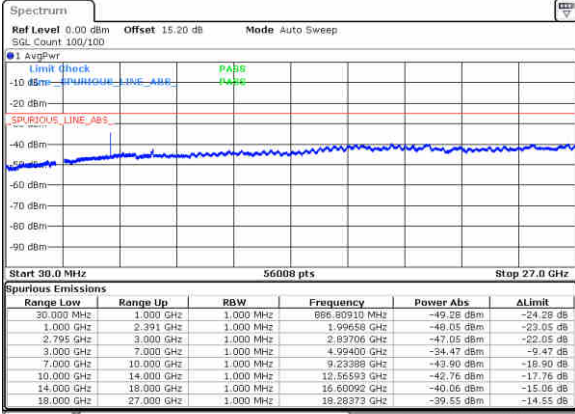


Date: 1.MAR.2020 00:07:28



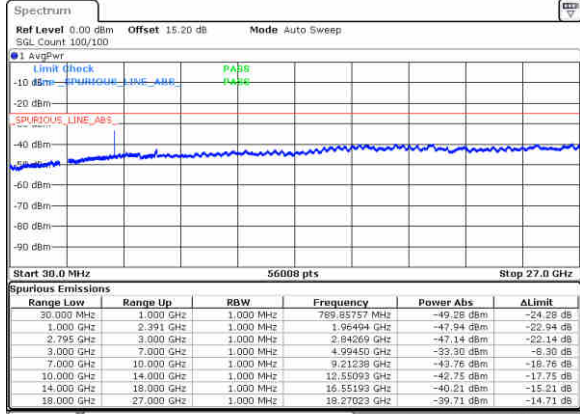
EN-DC_41A_n41A / LTE 20MHz + NR 60MHz

Lowest Channel / BPSK



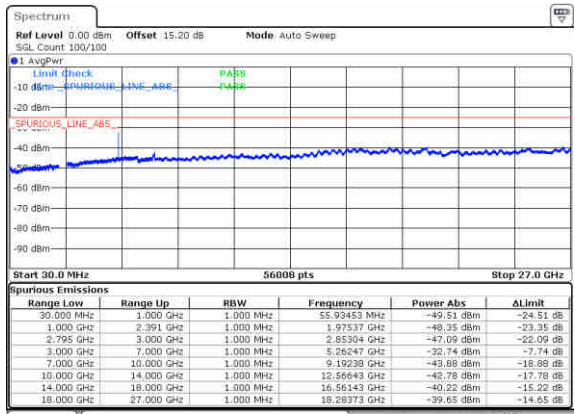
Date: 28, FEB, 2020 23:07:22

Lowest Channel / QPSK



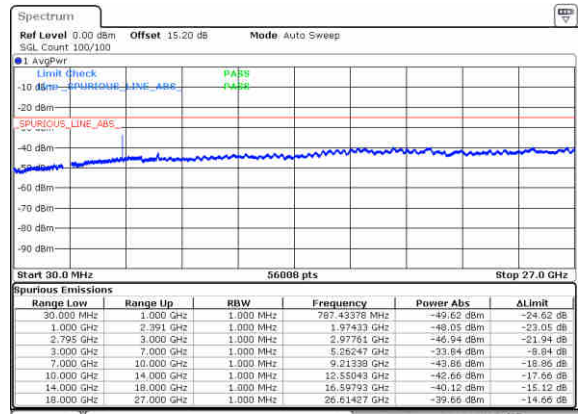
Date: 28, FEB, 2020 22:54:43

Highest Channel / BPSK



Date: 28, FEB, 2020 23:43:18

Highest Channel / QPSK

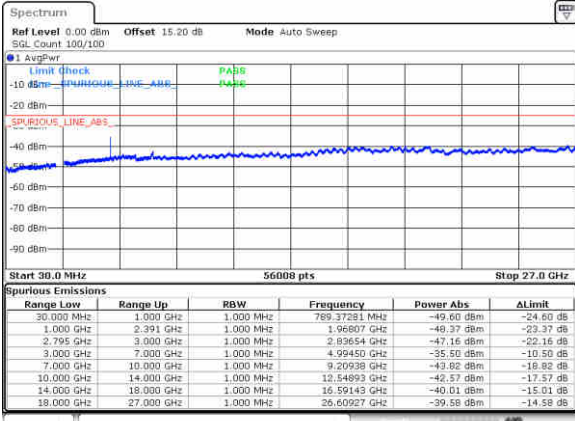


Date: 28, FEB, 2020 23:45:26



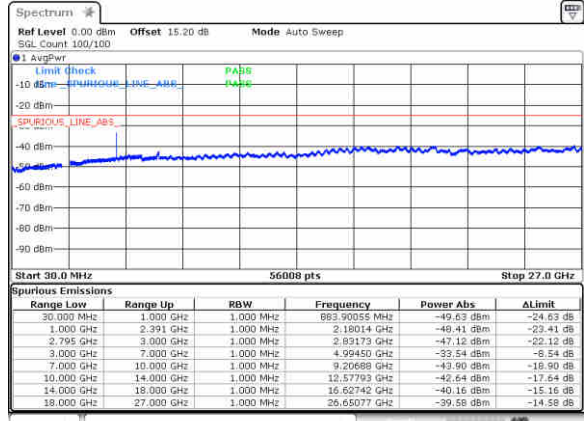
EN-DC_41A_n41A / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



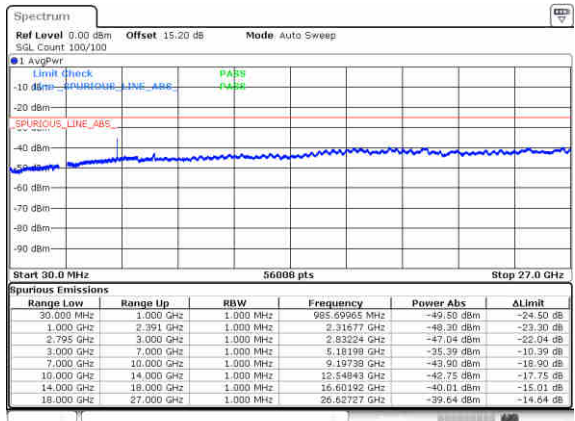
Date: 28, FEB, 2020 05:24:50

Lowest Channel / QPSK



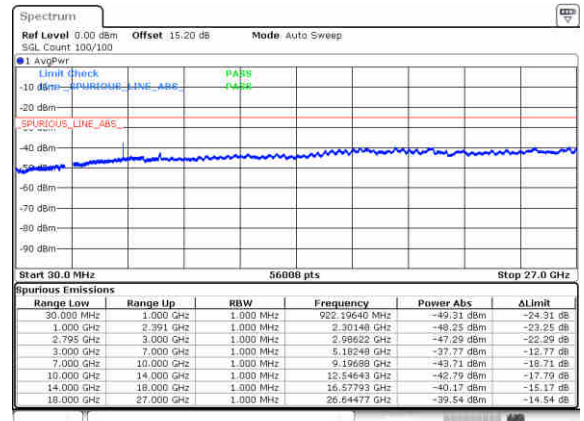
Date: 28, FEB, 2020 05:23:01

Highest Channel / BPSK



Date: 28, FEB, 2020 05:44:10

Highest Channel / QPSK

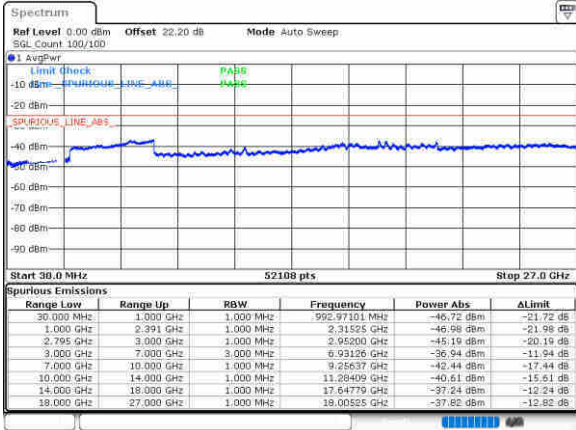


Date: 28, FEB, 2020 05:44:10



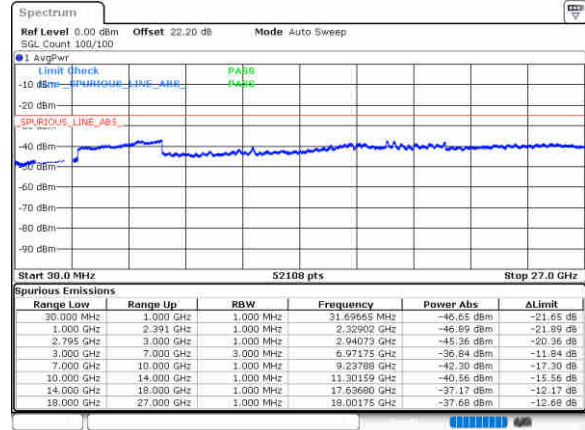
EN-DC_n41AA / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



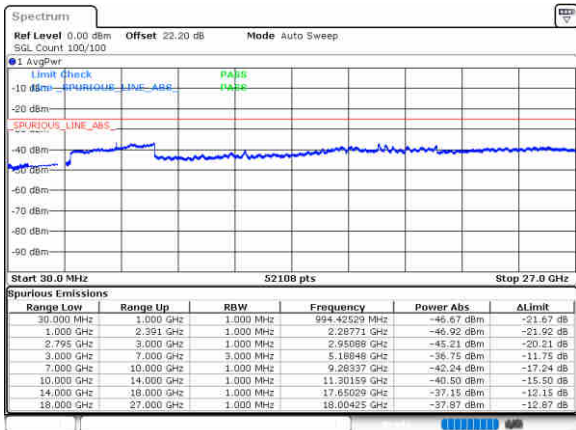
Date: 4.MAR.2020 08:58:57

Lowest Channel / QPSK



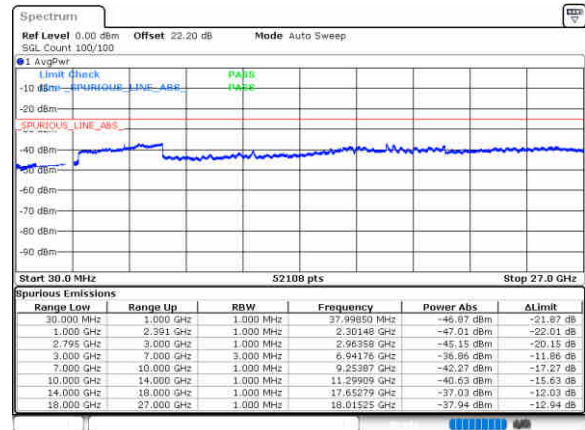
Date: 4.MAR.2020 09:01:31

Middle Channel / BPSK



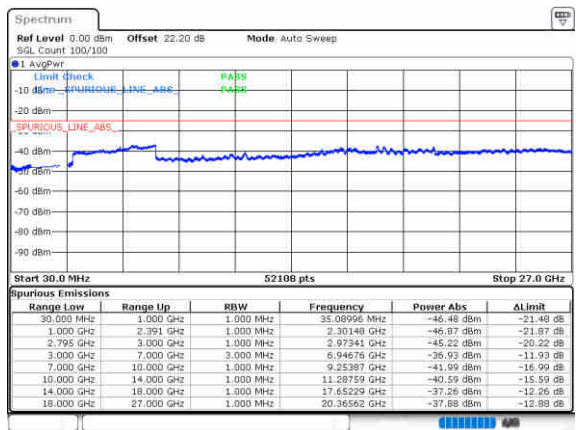
Date: 4.MAR.2020 09:33:25

Middle Channel / QPSK



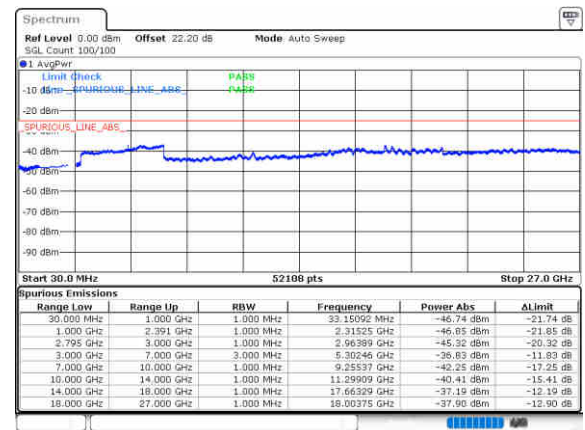
Date: 4.MAR.2020 09:38:12

Highest Channel / BPSK



Date: 4.MAR.2020 09:08:43

Highest Channel / QPSK

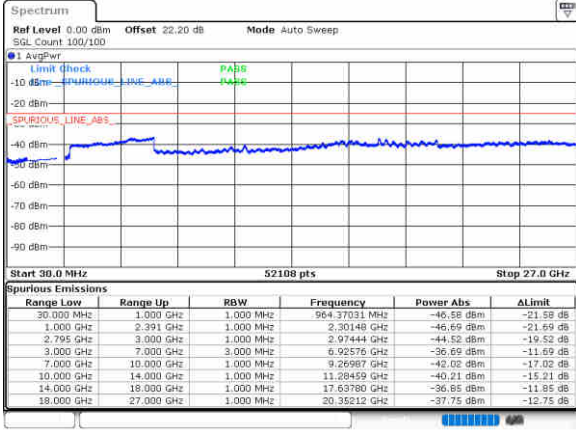


Date: 4.MAR.2020 09:12:27



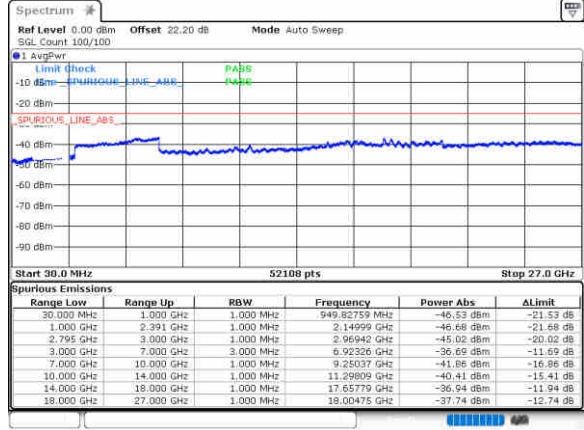
EN-DC_n41AA / LTE 20MHz + NR 60MHz

Lowest Channel / BPSK



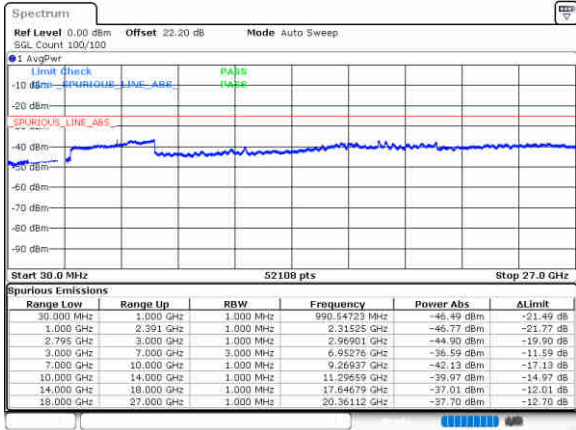
Date: 3.MAR.2020 07:41:16

Lowest Channel / QPSK



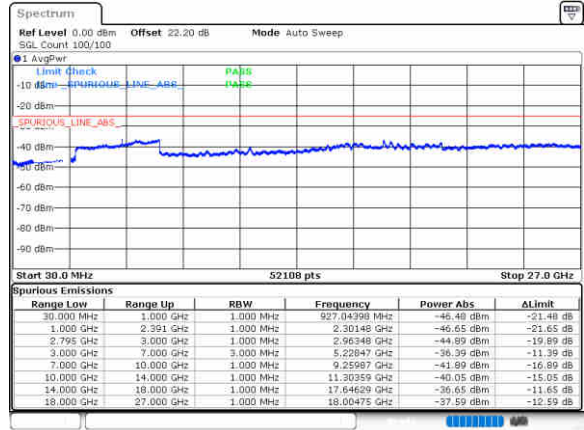
Date: 3.MAR.2020 07:52:57

Middle Channel / BPSK



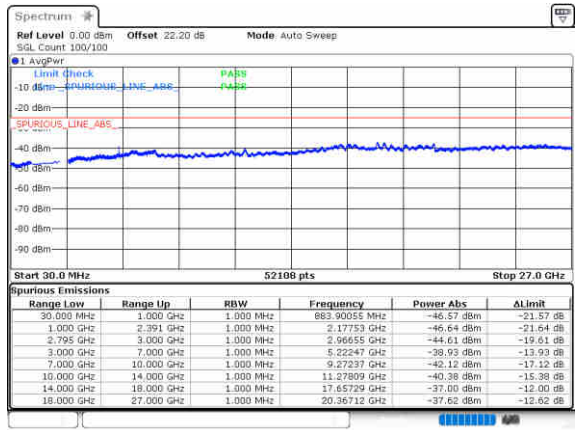
Date: 3.MAR.2020 08:26:04

Middle Channel / QPSK



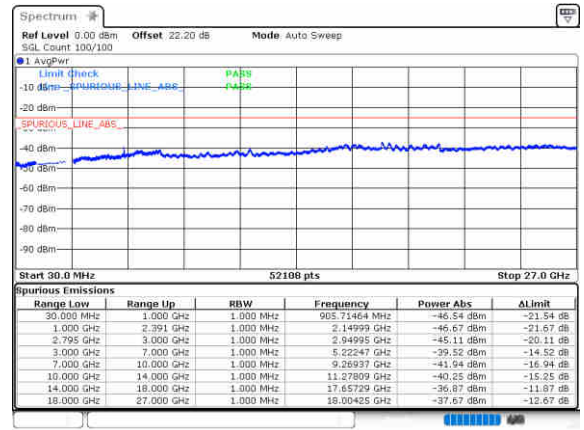
Date: 3.MAR.2020 08:32:16

Highest Channel / BPSK



Date: 3.MAR.2020 08:42:53

Highest Channel / QPSK

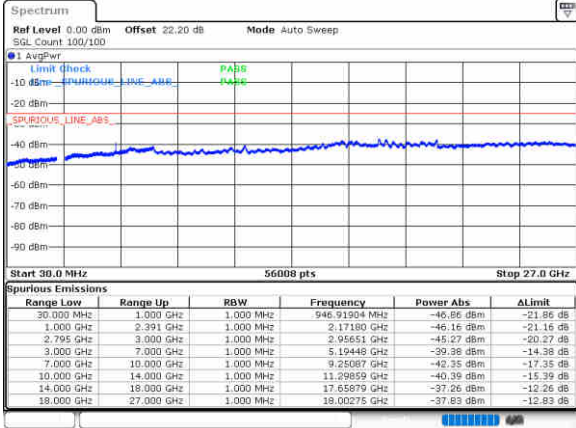


Date: 3.MAR.2020 08:52:26



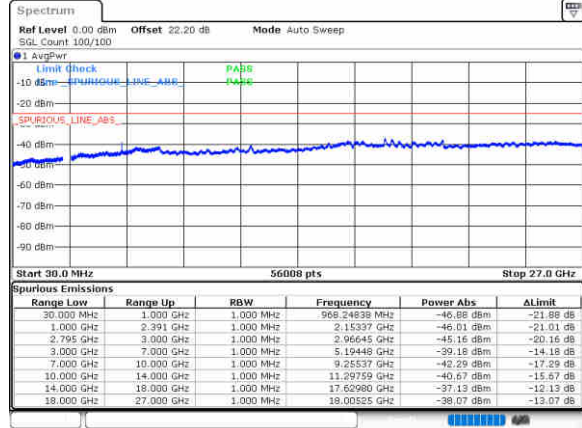
EN-DC_n41AA / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



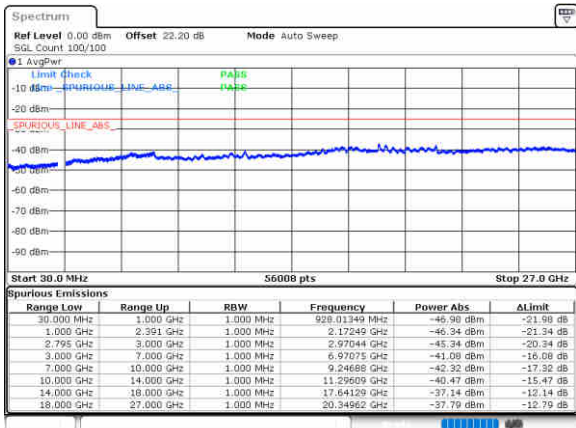
Date: 4.MAR.2020 06:50:47

Lowest Channel / QPSK



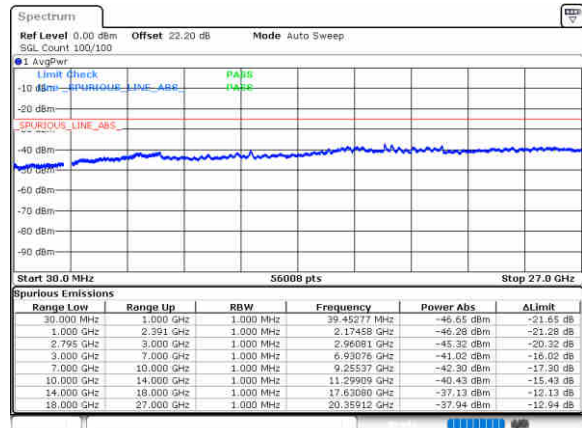
Date: 4.MAR.2020 06:48:12

Middle Channel / BPSK



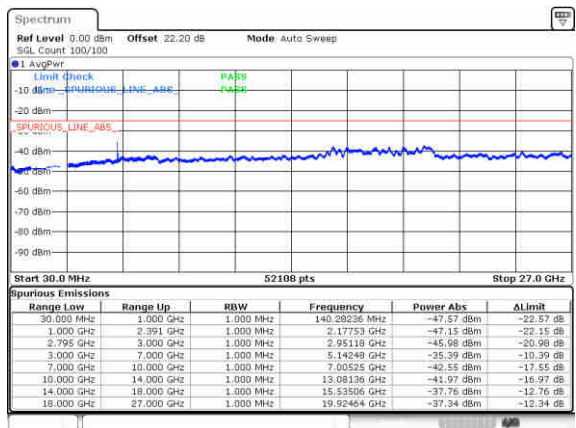
Date: 4.MAR.2020 07:27:34

Middle Channel / QPSK



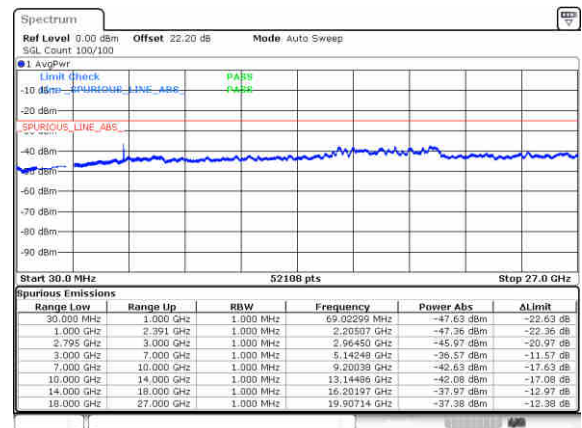
Date: 4.MAR.2020 07:24:00

Highest Channel / BPSK



Date: 4.MAR.2020 15:41:20

Highest Channel / QPSK

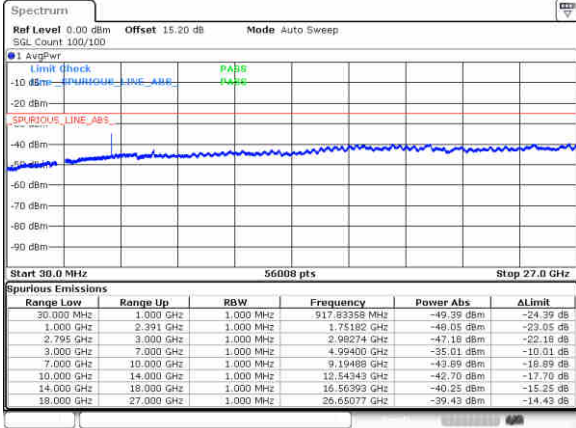


Date: 4.MAR.2020 15:35:06



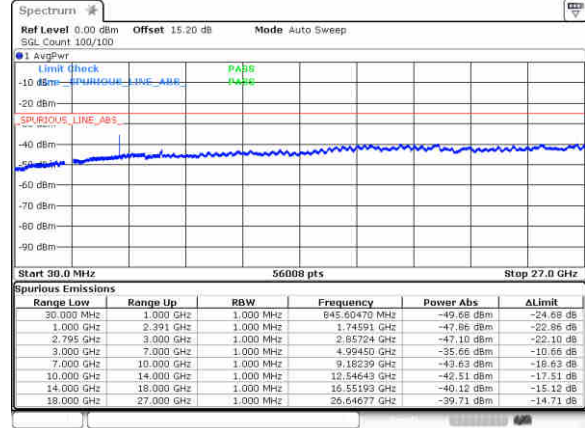
EN-DC_66A_n41A / LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



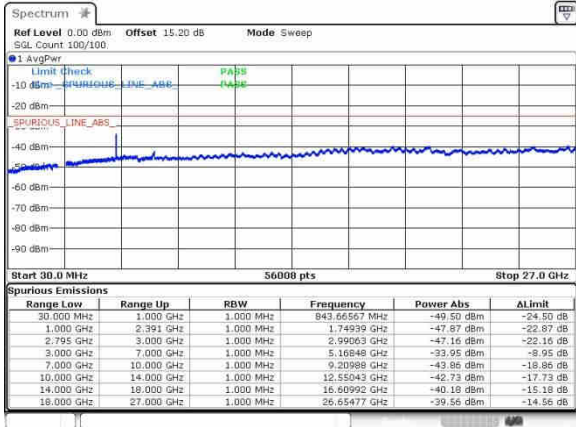
Date: 29.FEB.2020 09:41:30

Lowest Channel / QPSK



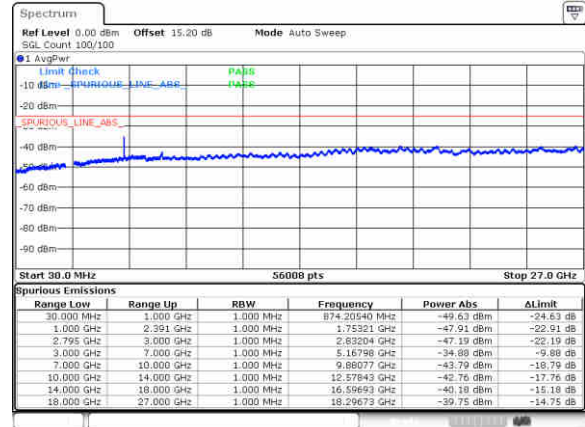
Date: 29.FEB.2020 09:39:54

Middle Channel / BPSK



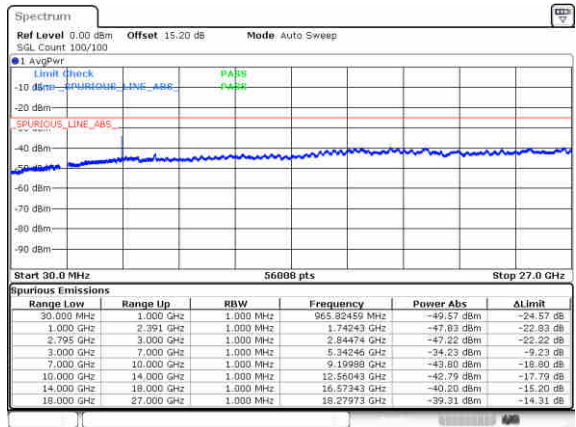
Date: 29.FEB.2020 10:29:19

Middle Channel / QPSK



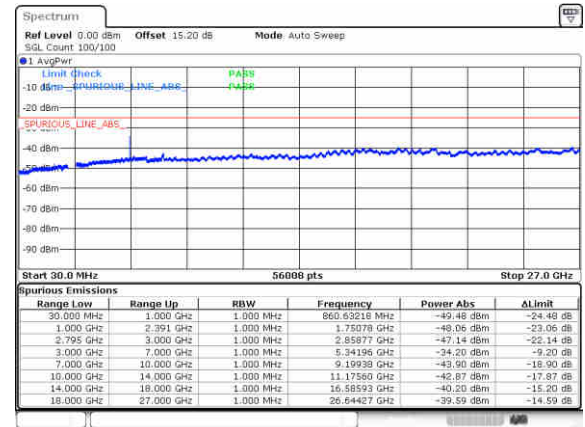
Date: 29.FEB.2020 10:24:25

Highest Channel / BPSK



Date: 29.FEB.2020 10:20:19

Highest Channel / QPSK

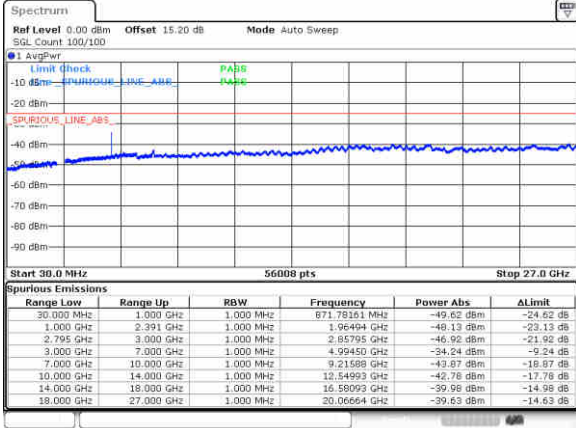


Date: 29.FEB.2020 10:20:09



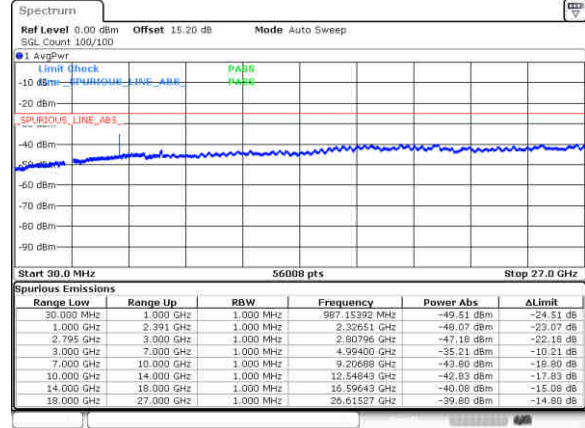
EN-DC_66A_n41A / LTE 20MHz + NR 60MHz

Lowest Channel / BPSK



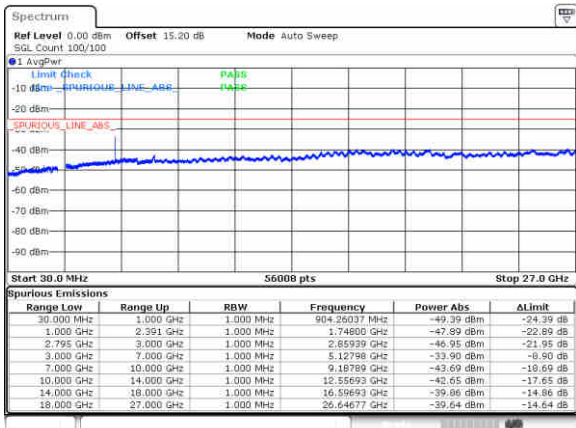
Date: 29.FEB.2020 02:49:41

Lowest Channel / QPSK



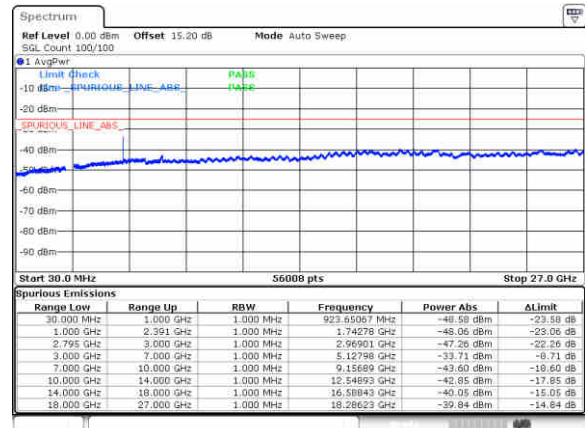
Date: 29.FEB.2020 02:51:47

Middle Channel / BPSK



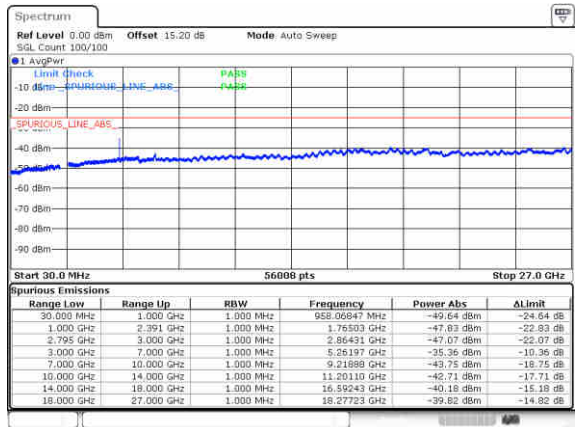
Date: 29.FEB.2020 02:11:00

Middle Channel / QPSK



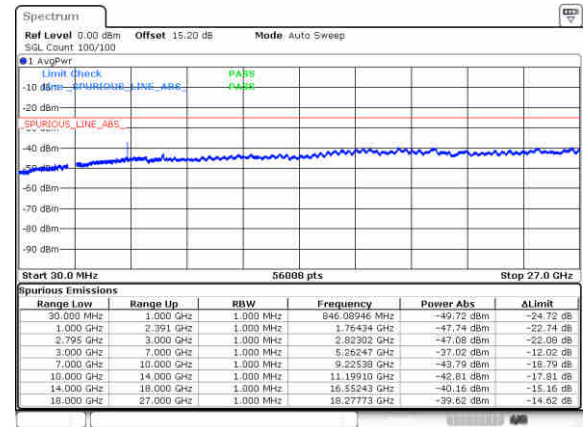
Date: 29.FEB.2020 02:16:14

Highest Channel / BPSK



Date: 29.FEB.2020 02:13:19

Highest Channel / QPSK

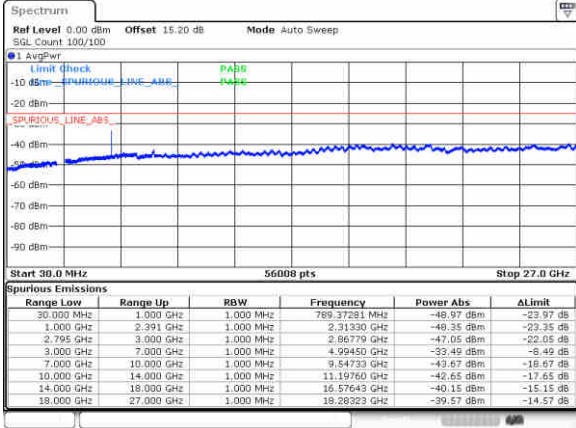


Date: 29.FEB.2020 02:10:40



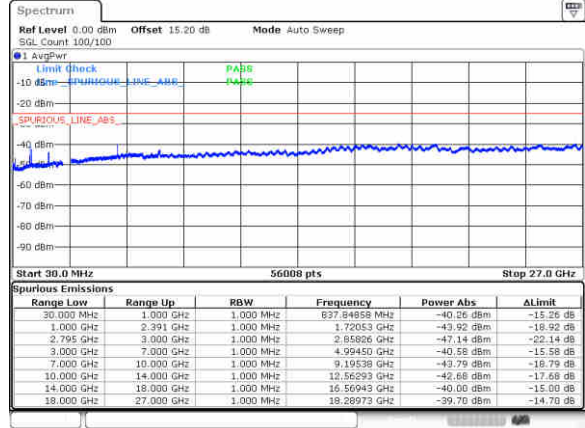
EN-DC_66A_n41A / LTE 20MHz + NR 100MHz

Lowest Channel / BPSK



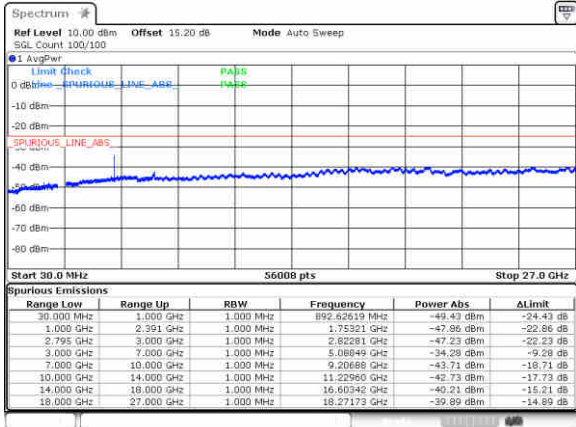
Date: 28.FEB.2020 23:21:29

Lowest Channel / QPSK



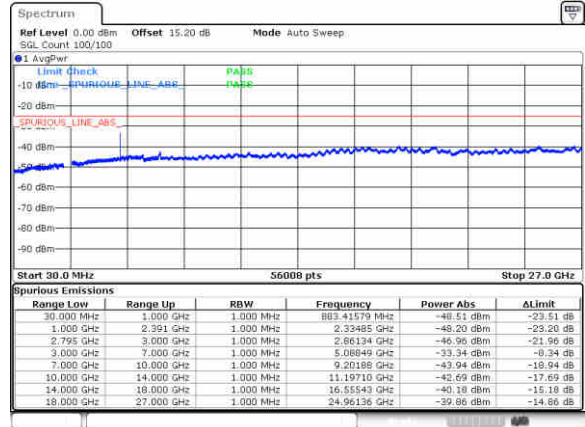
Date: 28.FEB.2020 23:10:29

Middle Channel / BPSK



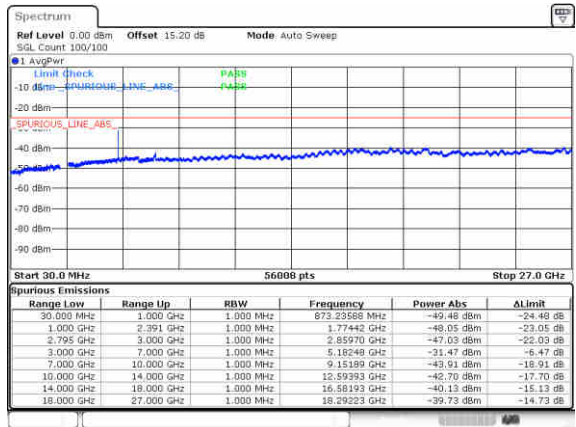
Date: 29.FEB.2020 00:02:39

Middle Channel / QPSK



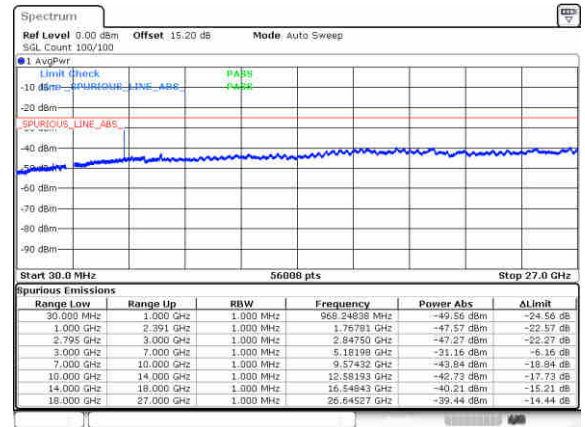
Date: 29.FEB.2020 00:05:33

Highest Channel / BPSK



Date: 29.FEB.2020 00:12:21

Highest Channel / QPSK



Date: 29.FEB.2020 00:10:31



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.

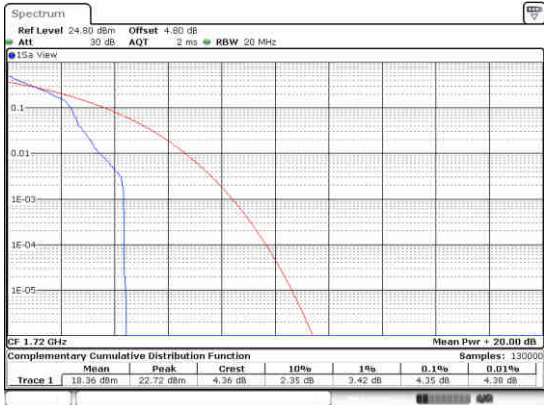


5G NR n66

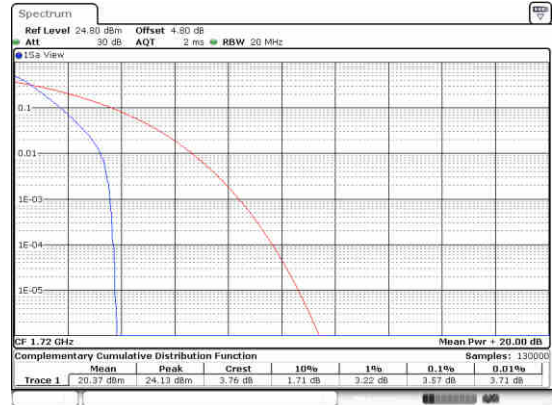
Peak-to-Average Ratio

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

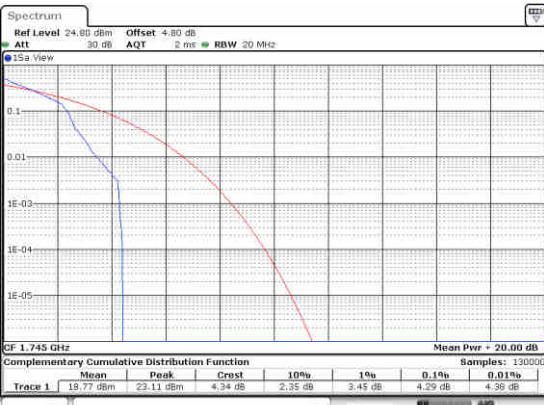
Lowest Channel / 1RB0



Lowest Channel / 100RB0



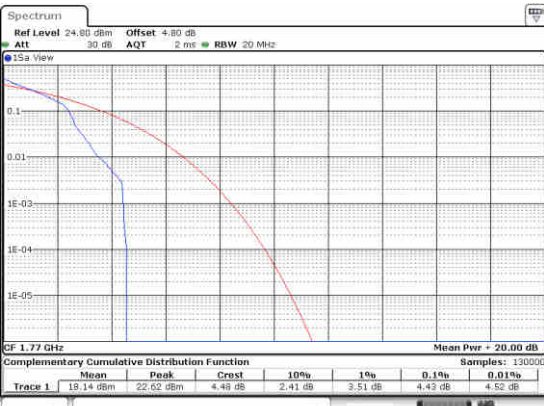
Middle Channel / 1RB0



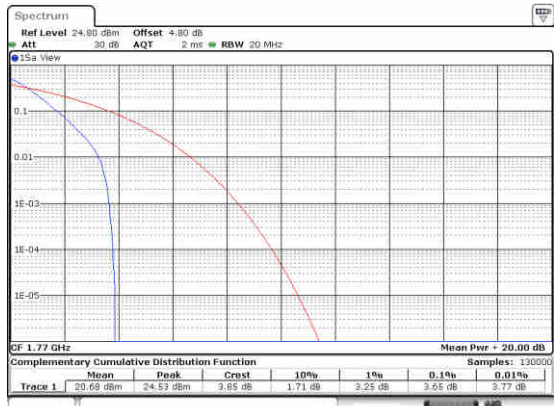
Middle Channel / 100RB0



Highest Channel / 1RB0



Highest Channel / 100RB0





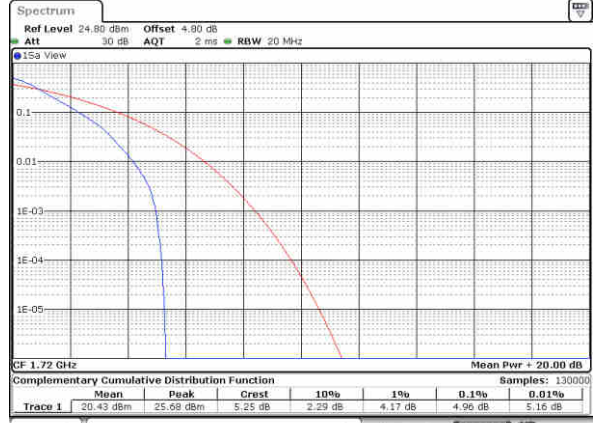
EN-DC_5A_n66A / LTE 10MHz + NR 20MHz / QPSK

Lowest Channel / 1RB0



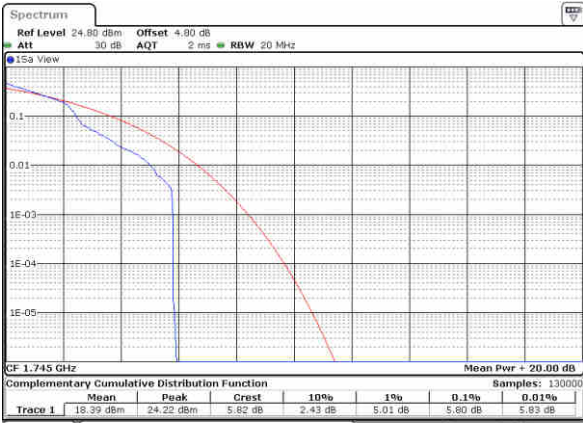
Date: 25.FEB.2020 23:11:01

Lowest Channel / 100RB0



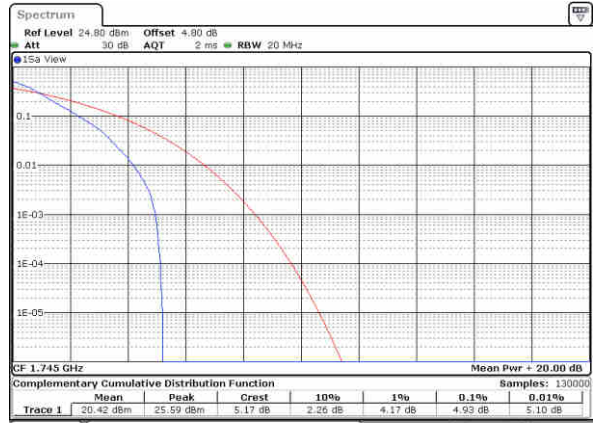
Date: 25.FEB.2020 23:09:57

Middle Channel / 1RB0



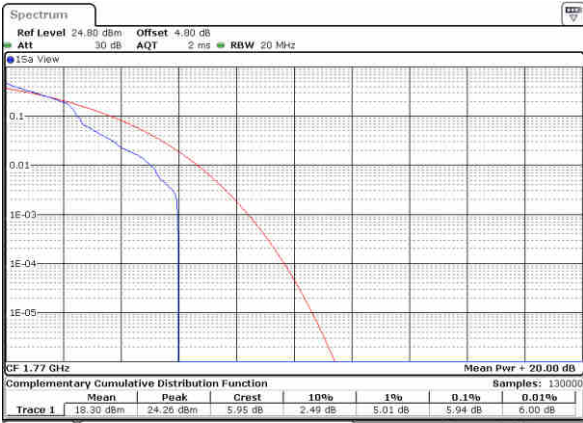
Date: 25.FEB.2020 23:43:50

Middle Channel / 100RB0



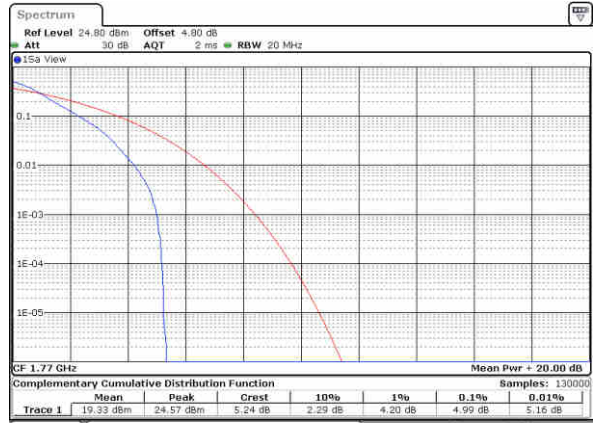
Date: 25.FEB.2020 23:42:50

Highest Channel / 1RB0



Date: 25.FEB.2020 23:57:26

Highest Channel / 100RB0

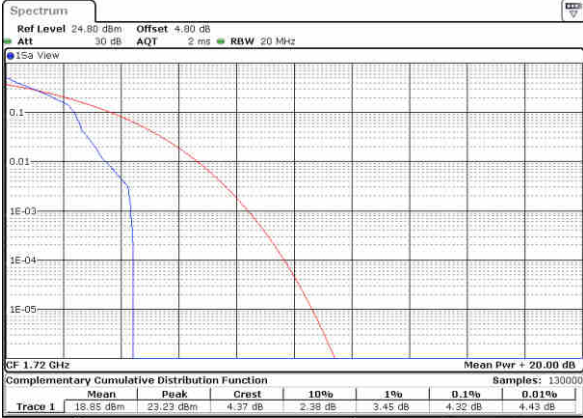


Date: 26.FEB.2020 00:10:59



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

Lowest Channel / 1RB0



Date: 26.FEB.2020 03:51:56

Lowest Channel / 100RB0



Date: 26.FEB.2020 04:09:19

Middle Channel / 1RB0



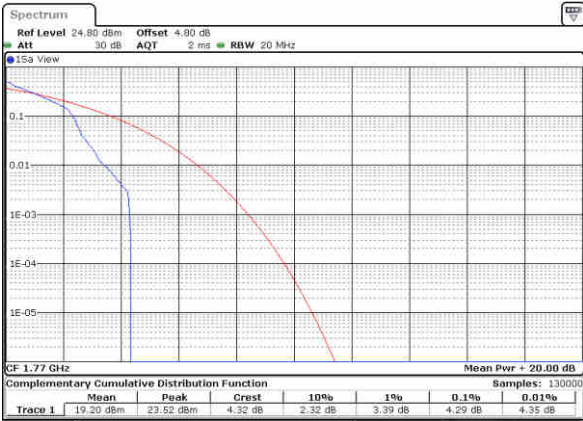
Date: 26.FEB.2020 04:02:52

Middle Channel / 100RB0



Date: 26.FEB.2020 04:03:15

Highest Channel / 1RB0



Date: 26.FEB.2020 04:16:05

Highest Channel / 100RB0



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