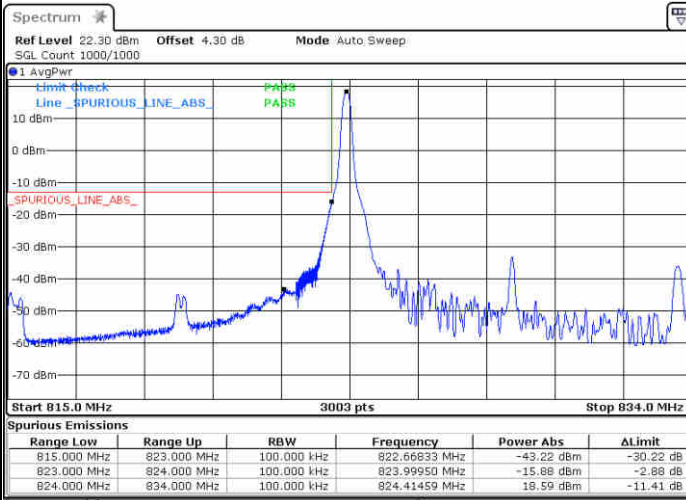




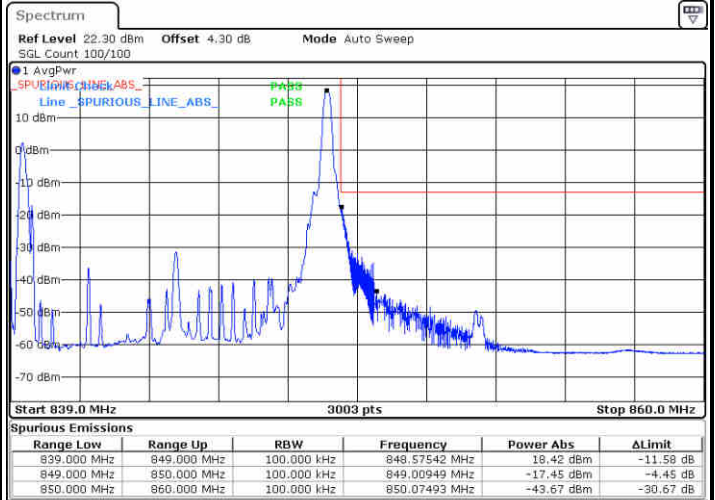
EN-DC_2A_n5A / LTE 20MHz + NR 10MHz / BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RB5



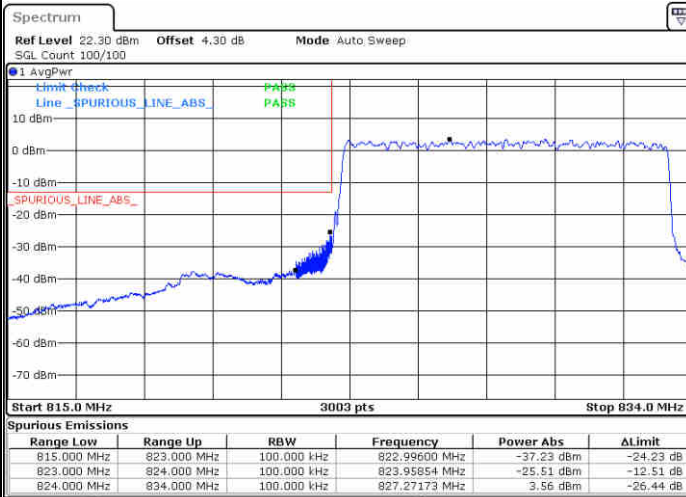
Date: 26 JAN 2020 18:28:53



Date: 26 JAN 2020 19:28:21

Lowest Band Edge / 50RB0

Highest Band Edge / 50RB0



Date: 26 JAN 2020 18:45:41

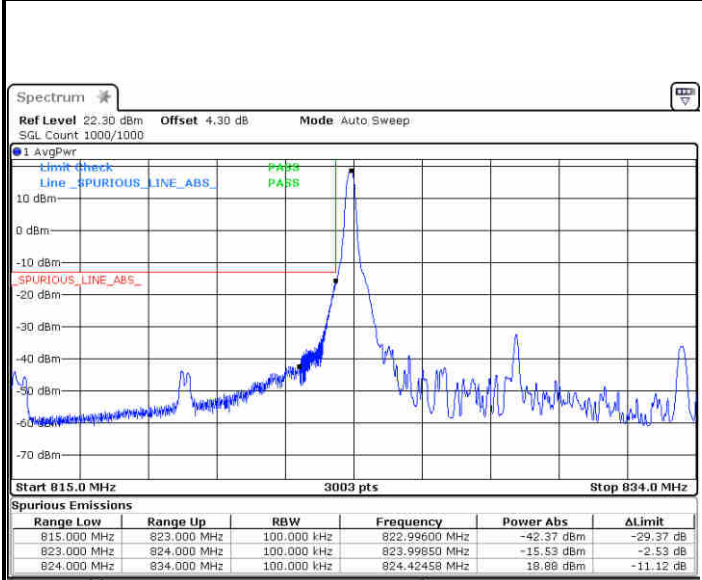


Date: 26 JAN 2020 19:24:29



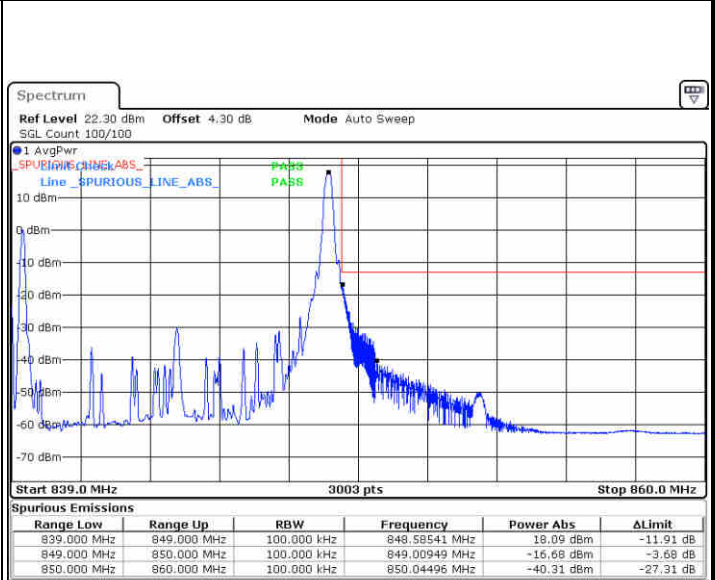
EN-DC_2A_n5A / LTE 20MHz + NR 10MHz / QPSK

Lowest Band Edge / 1RB0



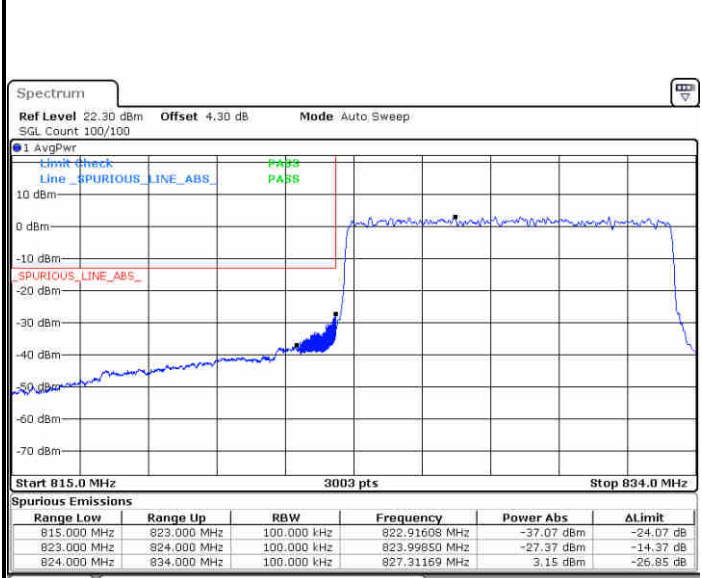
Date: 26 JAN 2020 18:25:19

Highest Band Edge / 1RB51



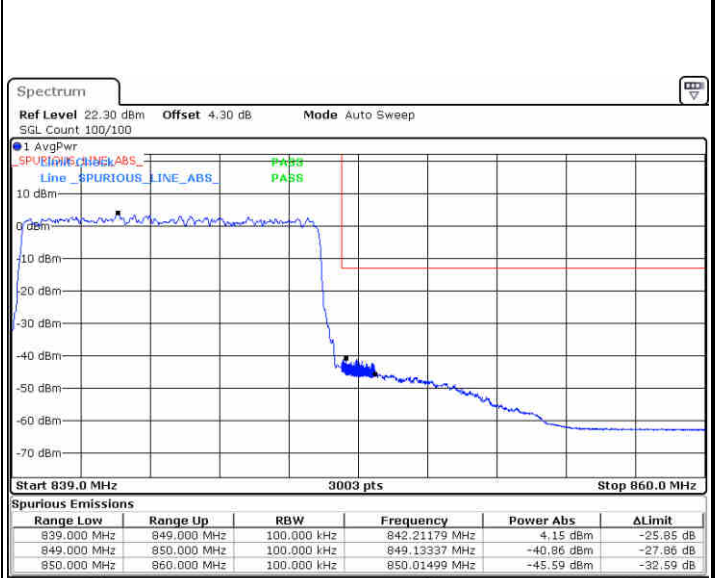
Date: 26 JAN 2020 19:32:30

Lowest Band Edge / 50RB0



Date: 26 JAN 2020 18:44:38

Highest Band Edge / 50RB0

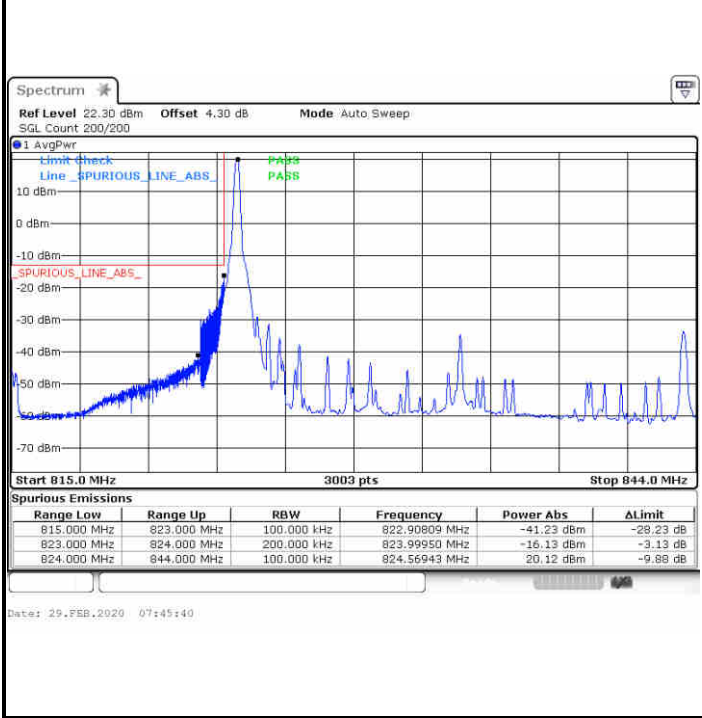


Date: 26 JAN 2020 19:25:22

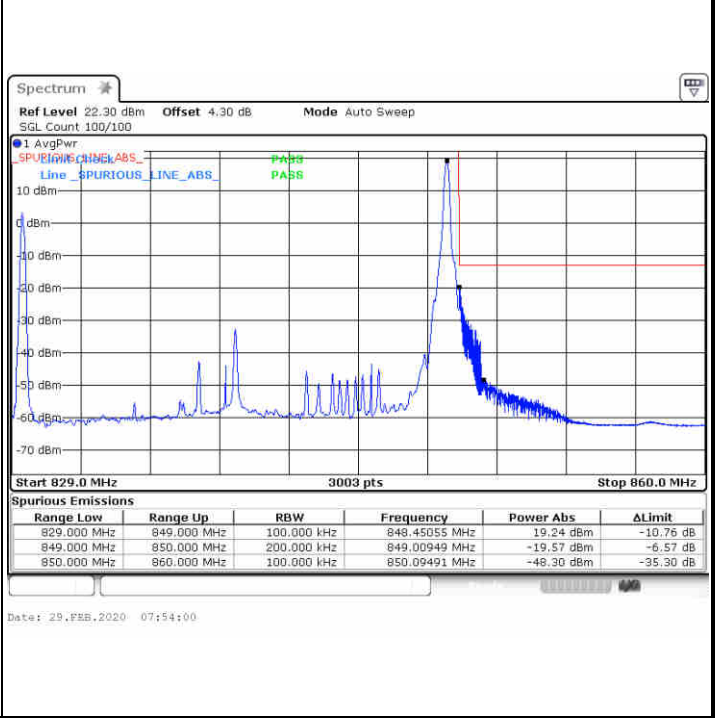


EN-DC_2A_n5A / LTE 20MHz + NR 20MHz / BPSK

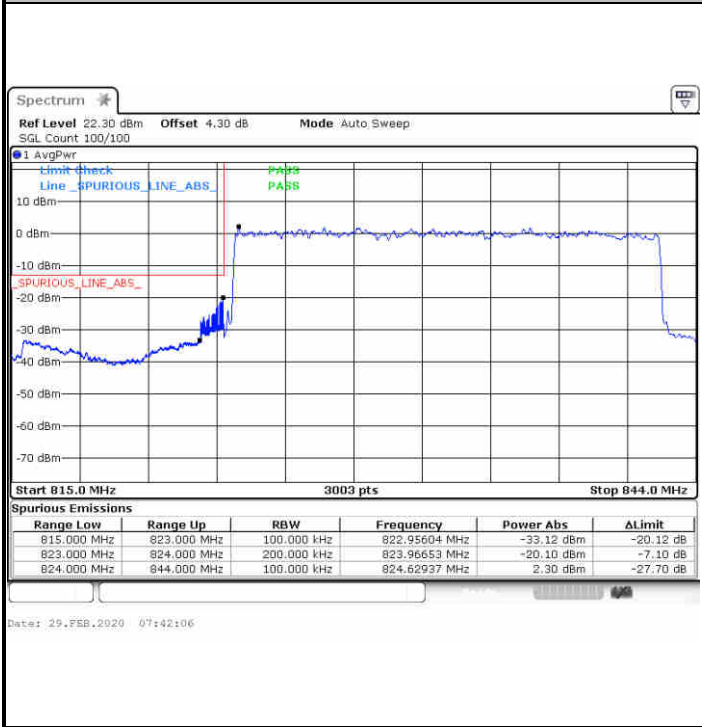
Lowest Band Edge / 1RB0



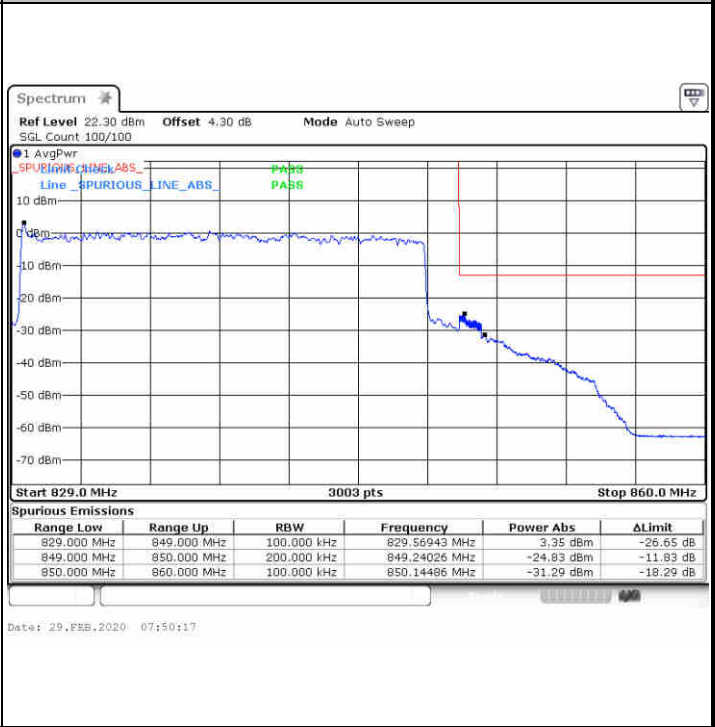
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



Highest Band Edge / 100RB0

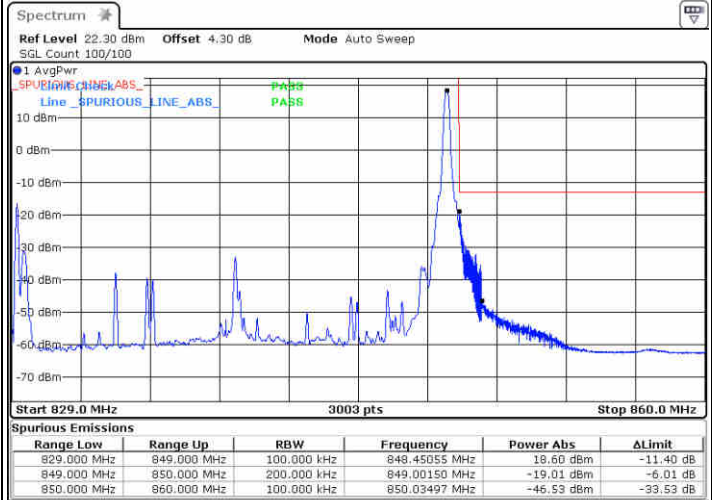
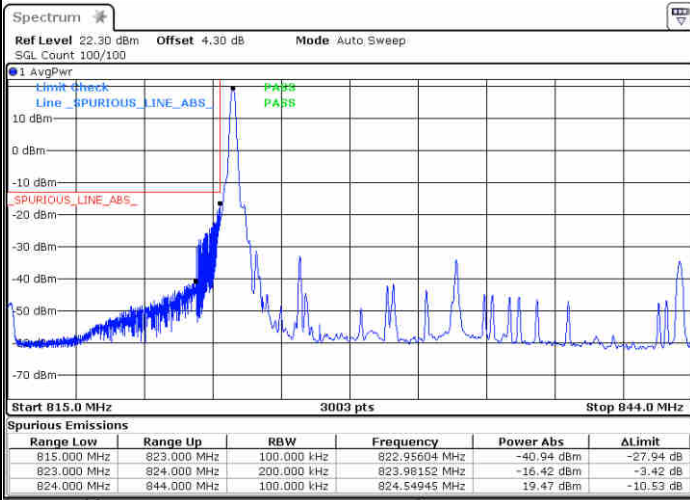




EN-DC_2A_n5A / LTE 20MHz + NR 20MHz / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RB105

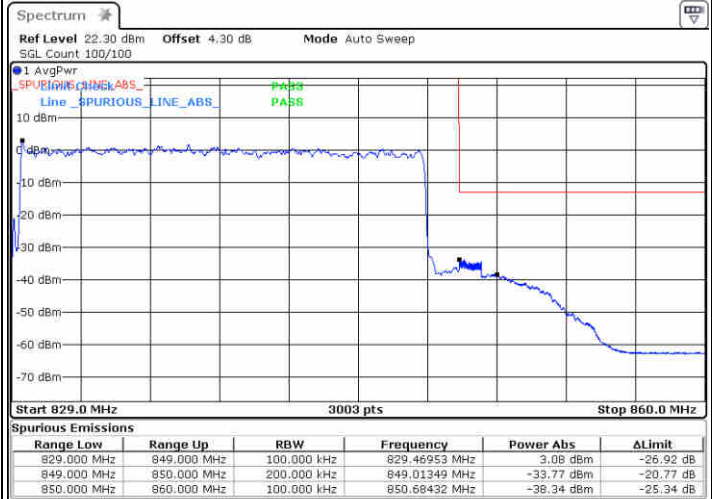
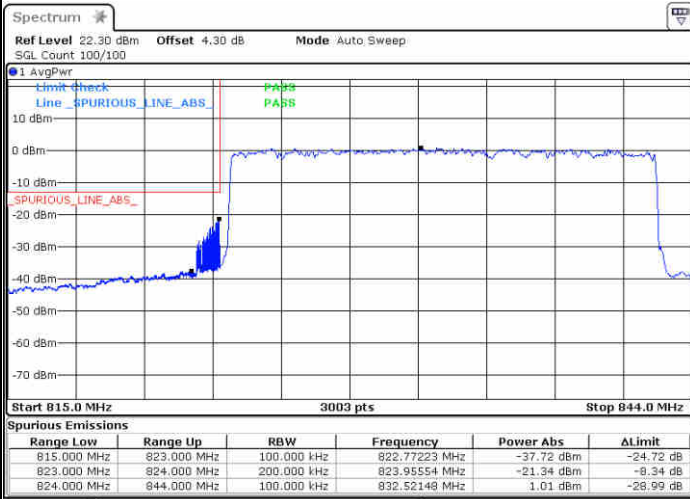


Date: 29.FEB.2020 07:44:02

Date: 29.FEB.2020 07:52:04

Lowest Band Edge / 100RB0

Highest Band Edge / 100RB0



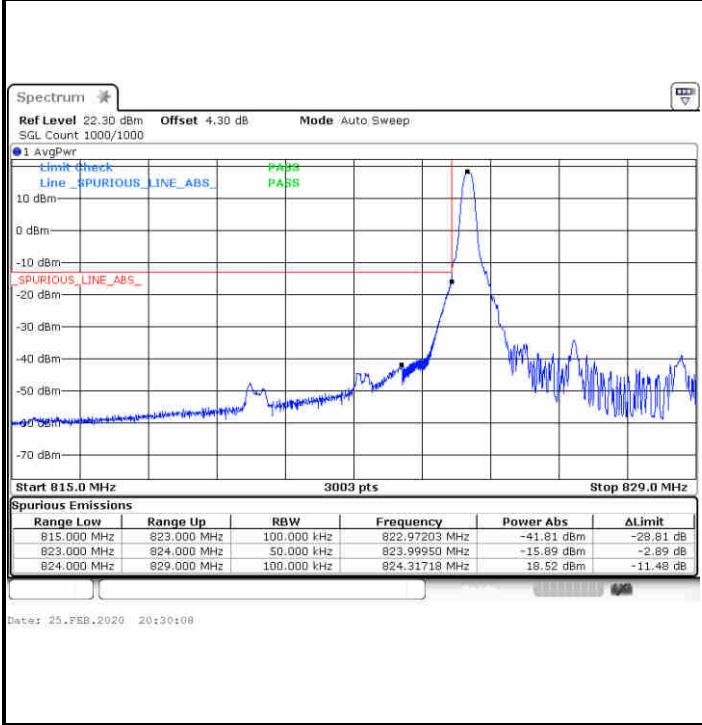
Date: 29.FEB.2020 07:43:05

Date: 29.FEB.2020 07:51:47

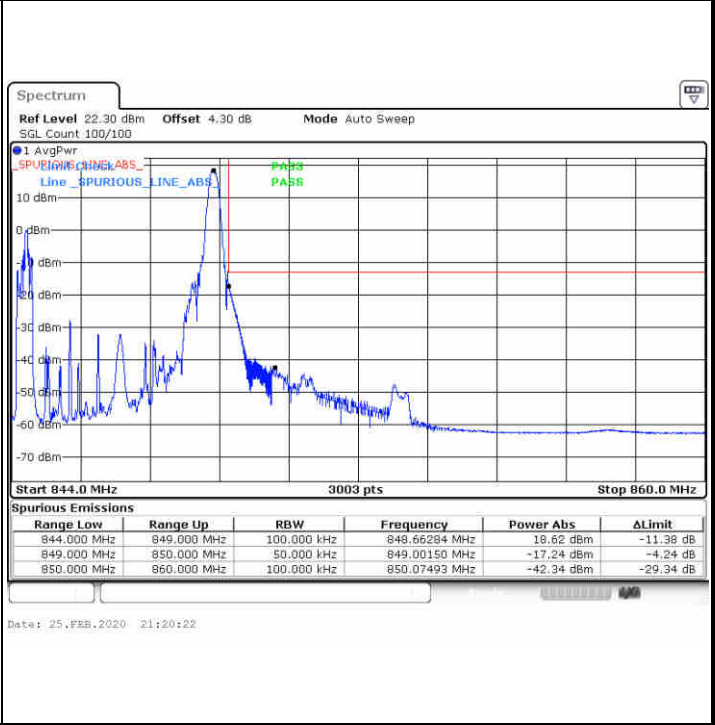


EN-DC_66A_n5A / LTE 20MHz + NR 5MHz / BPSK

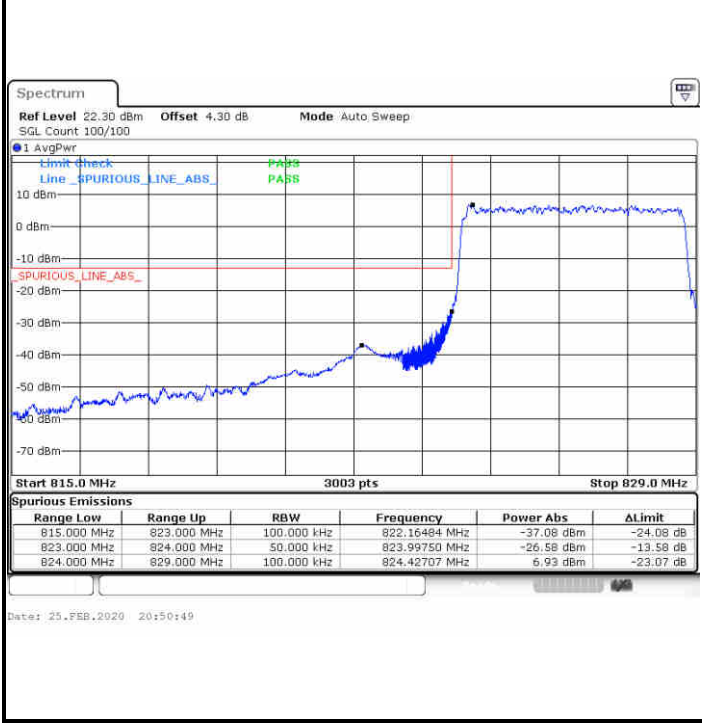
Lowest Band Edge / 1RB0



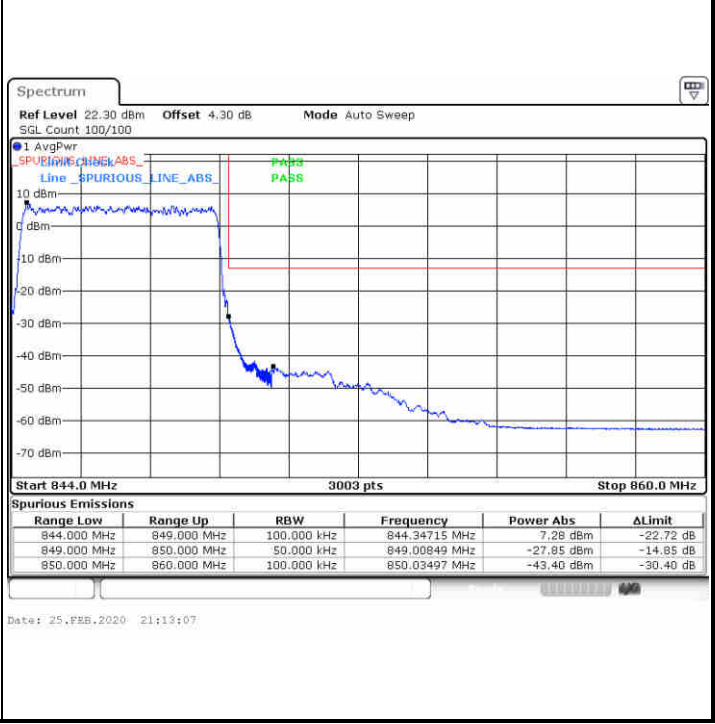
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



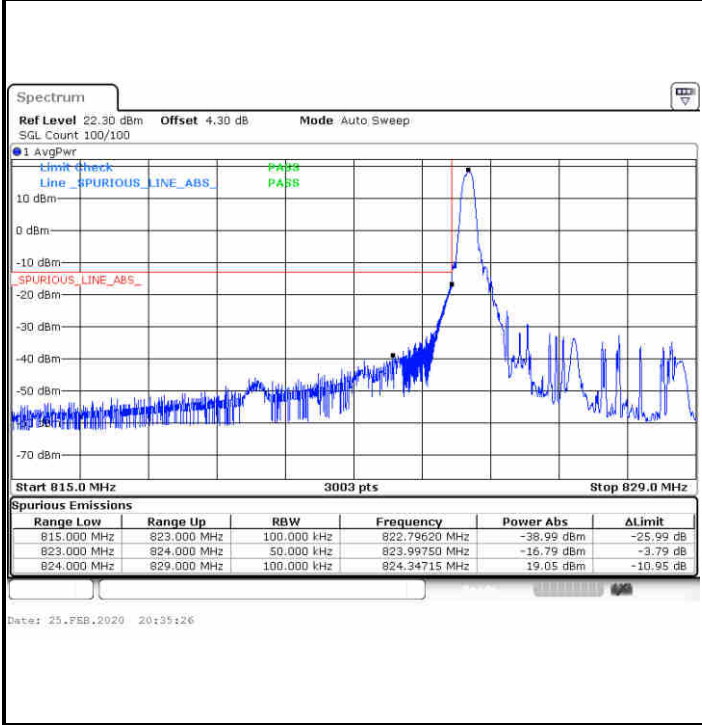
Highest Band Edge / 25RB0



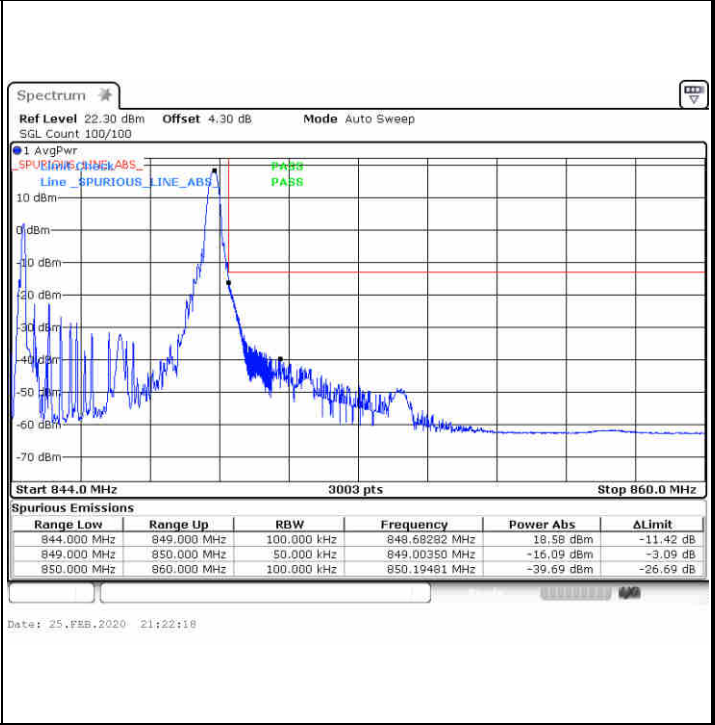


EN-DC_66A_n5A / LTE 20MHz + NR 5MHz / QPSK

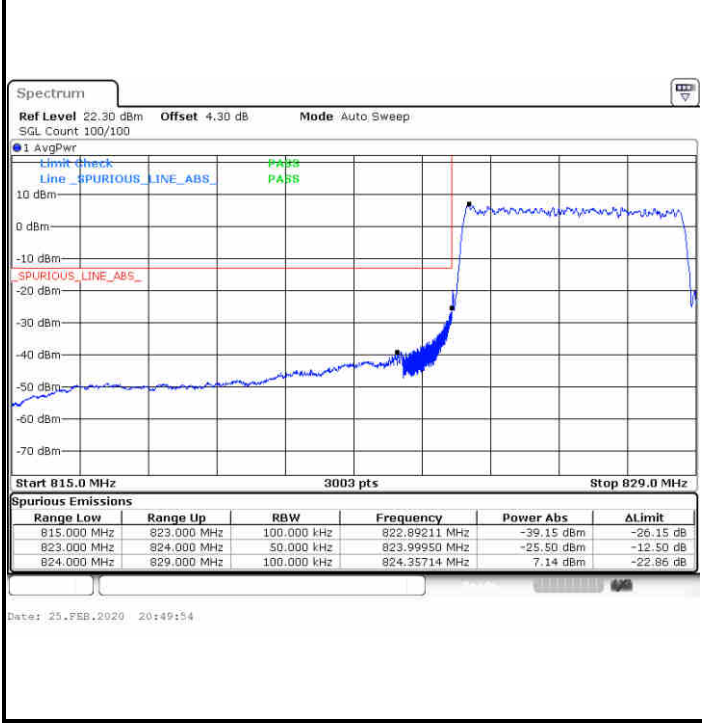
Lowest Band Edge / 1RB0



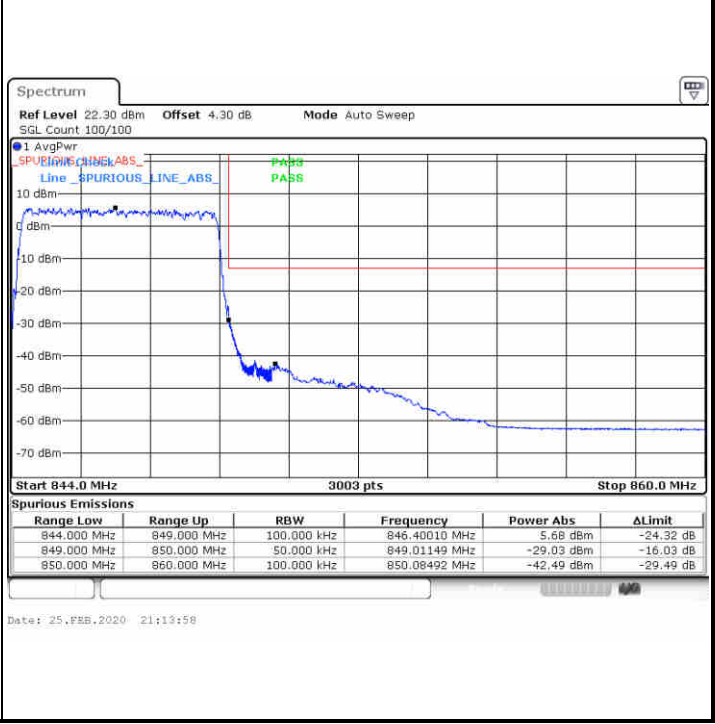
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



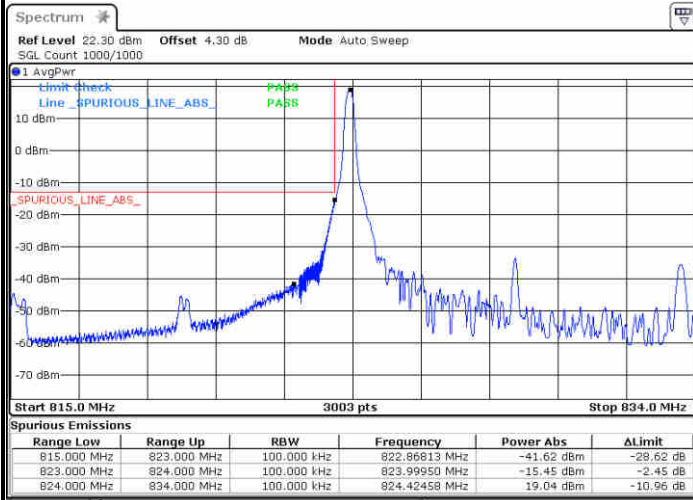
Highest Band Edge / 25RB0





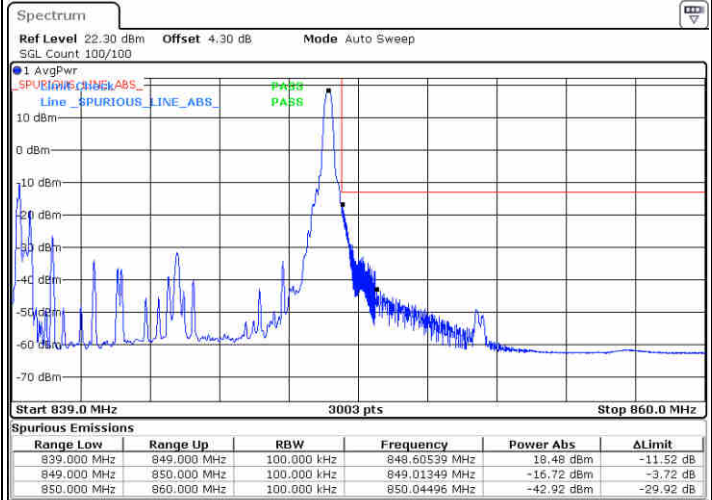
EN-DC_66A_n5A / LTE 20MHz + NR 10MHz / BPSK

Lowest Band Edge / 1RB0



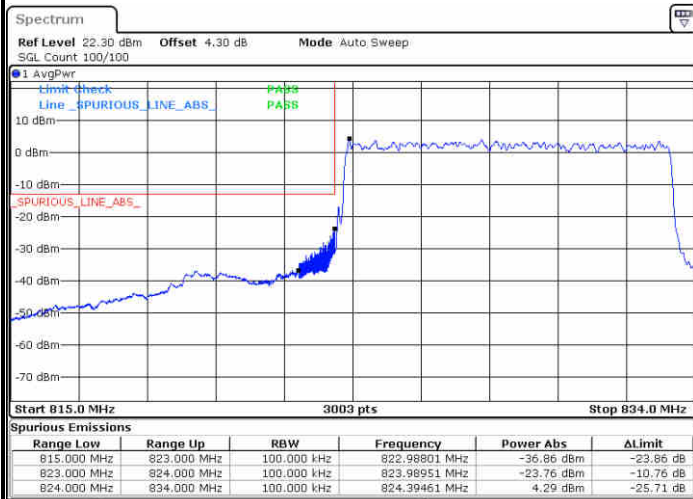
Date: 25.FEB.2020 19:53:45

Highest Band Edge / 1RB51



Date: 25.FEB.2020 19:33:13

Lowest Band Edge / 50RB0



Date: 25.FEB.2020 19:57:43

Highest Band Edge / 50RB0

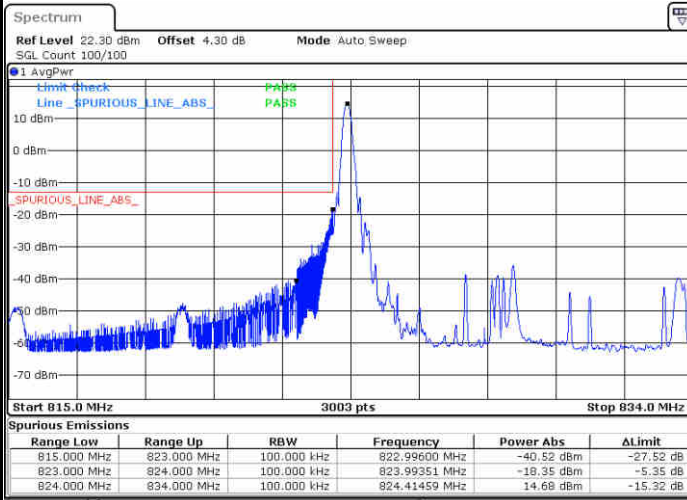


Date: 25.FEB.2020 19:29:52



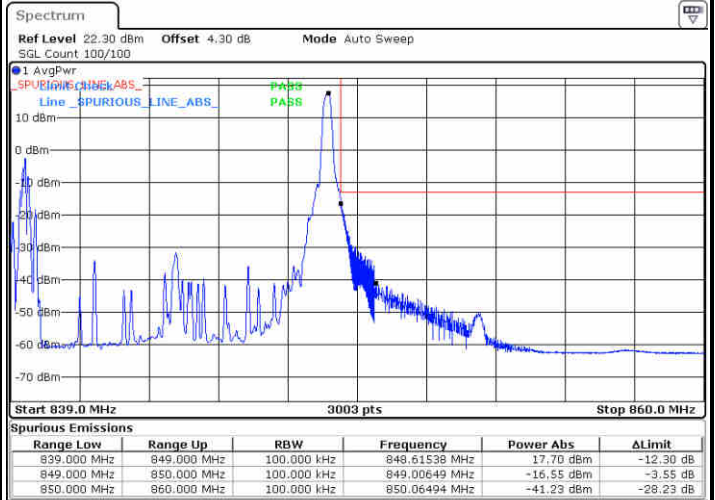
EN-DC_66A_n5A / LTE 20MHz + NR 10MHz / QPSK

Lowest Band Edge / 50RB0



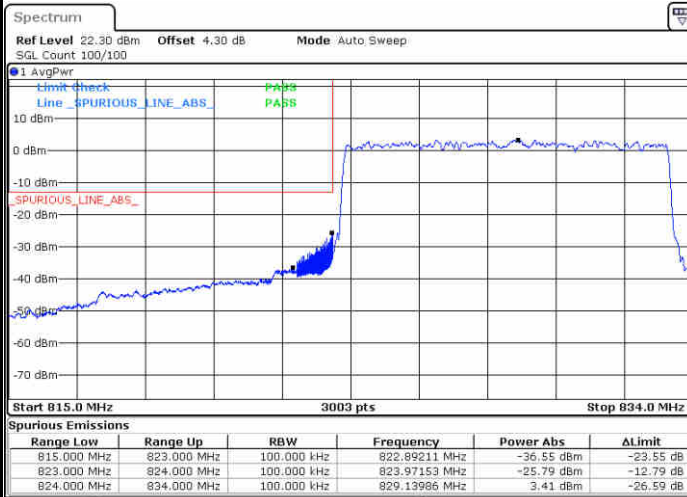
Date: 25.FEB.2020 19:58:58

Highest Band Edge / 50RB0



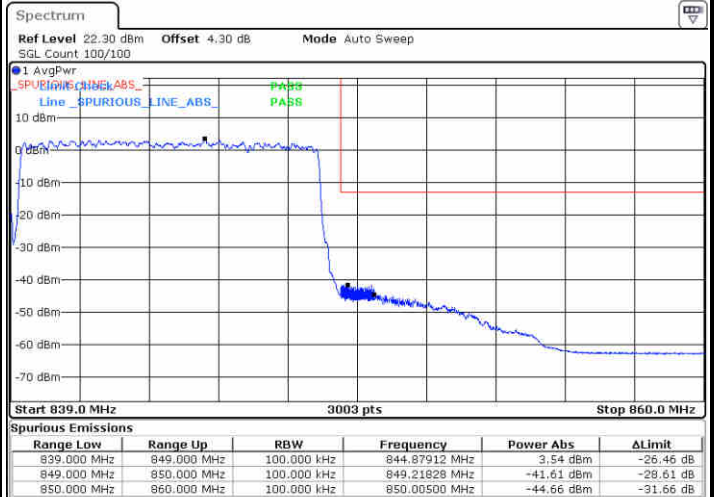
Date: 25.FEB.2020 19:32:08

Lowest Band Edge / Full RB



Date: 25.FEB.2020 19:58:20

Highest Band Edge / Full RB



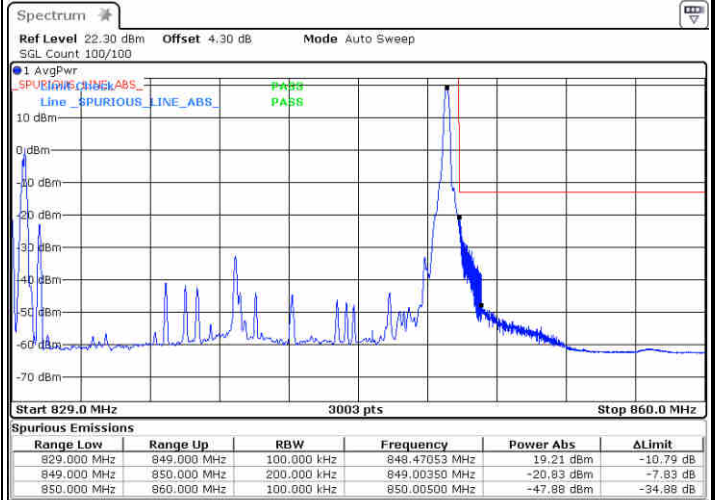
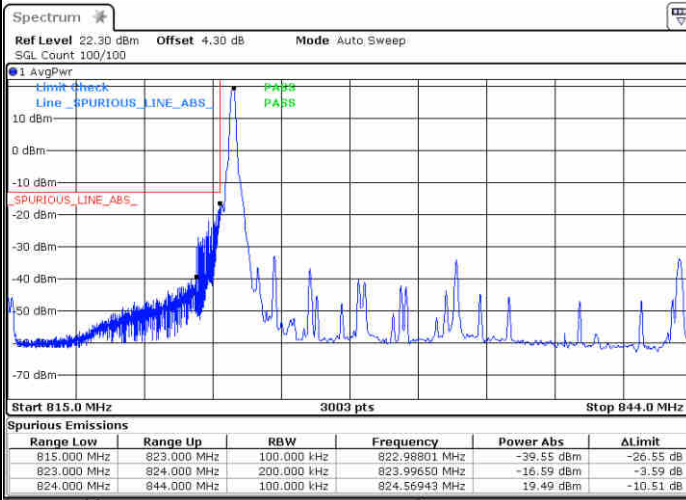
Date: 25.FEB.2020 19:30:49



EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RB105

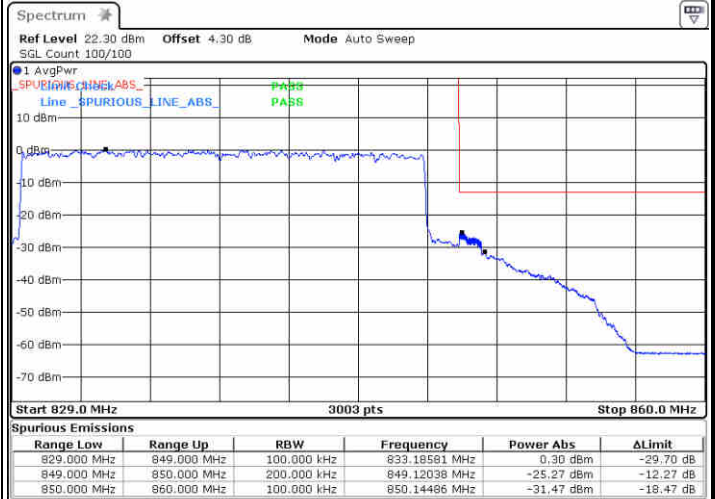
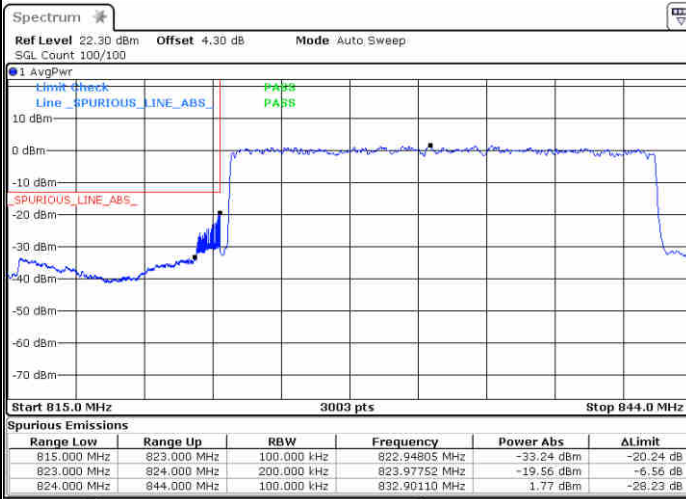


Date: 29.FEB.2020 09:17:34

Date: 29.FEB.2020 08:04:17

Lowest Band Edge / 100RB0

Highest Band Edge / 100RB0



Date: 29.FEB.2020 09:11:49

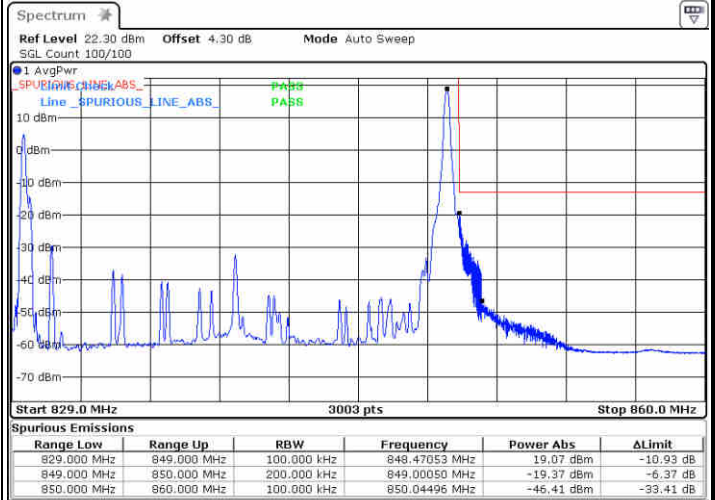
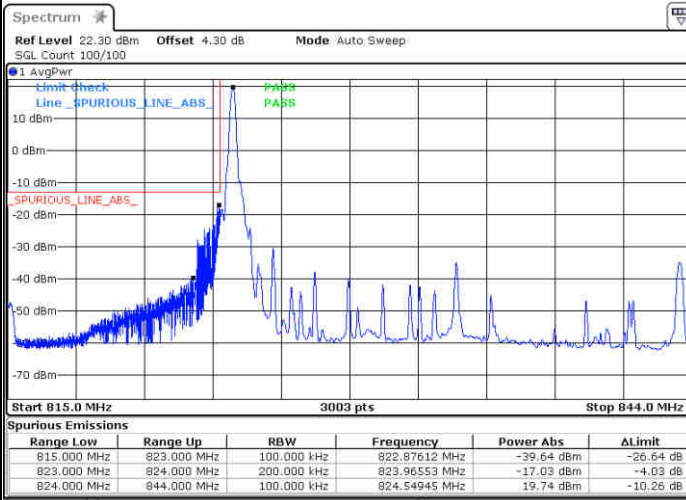
Date: 29.FEB.2020 08:07:40



EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RB105

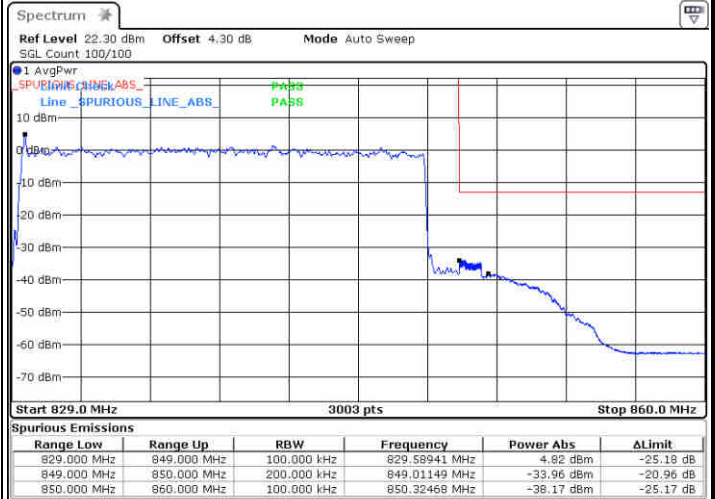
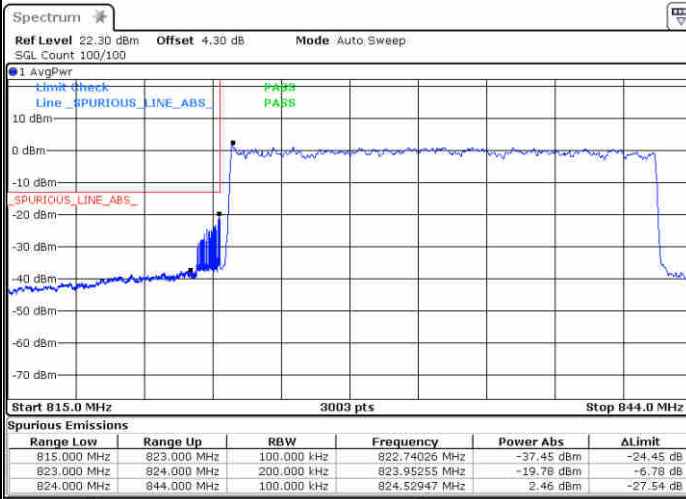


Date: 29.FEB.2020 09:16:33

Date: 29.FEB.2020 08:05:28

Lowest Band Edge / 100RB0

Highest Band Edge / 100RB0



Date: 29.FEB.2020 09:14:18

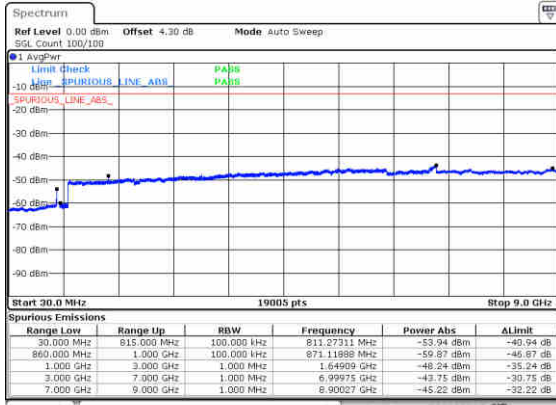
Date: 29.FEB.2020 08:06:46



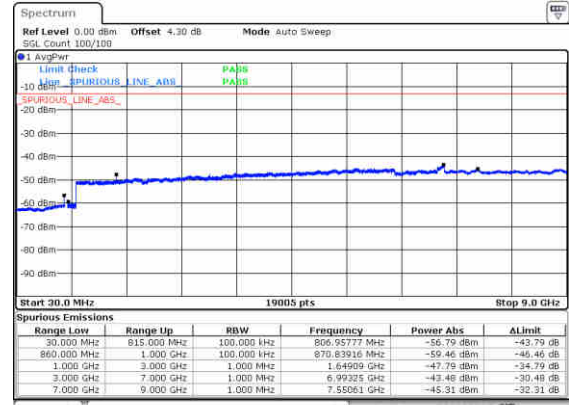
Conducted Spurious Emission

EN-DC_2A_n5A / LTE 20MHz + NR 5MHz

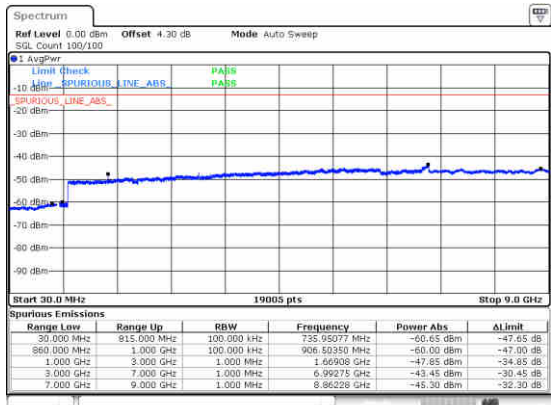
Lowest Channel / BPSK



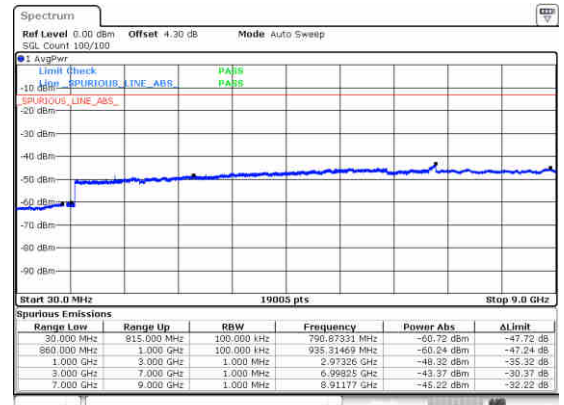
Lowest Channel / QPSK



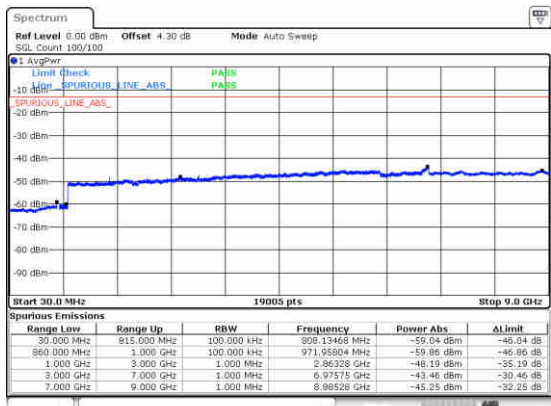
Middle Channel / BPSK



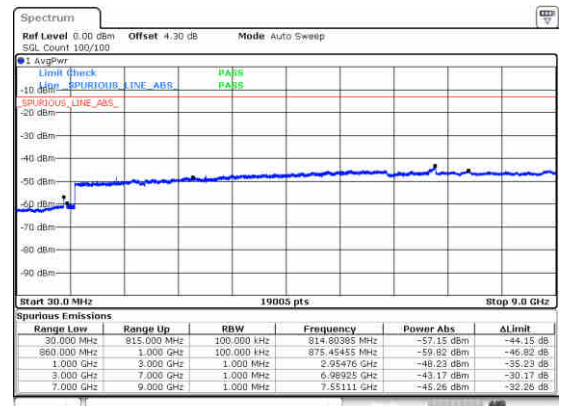
Middle Channel / QPSK



Highest Channel / BPSK



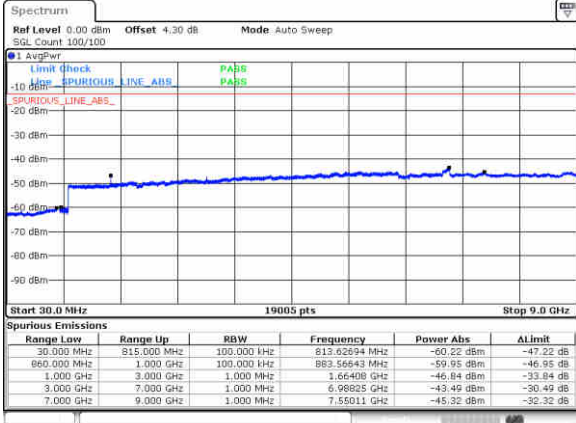
Highest Channel / QPSK



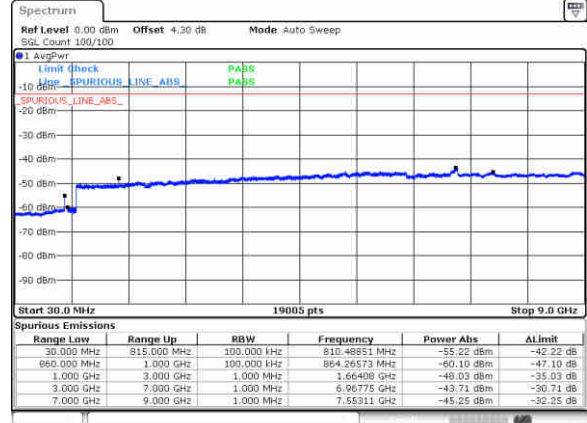


EN-DC_2A_n5A / LTE 20MHz + NR 10MHz

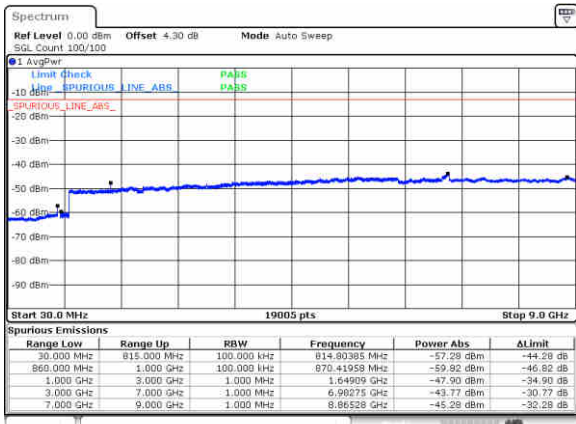
Lowest Channel / BPSK



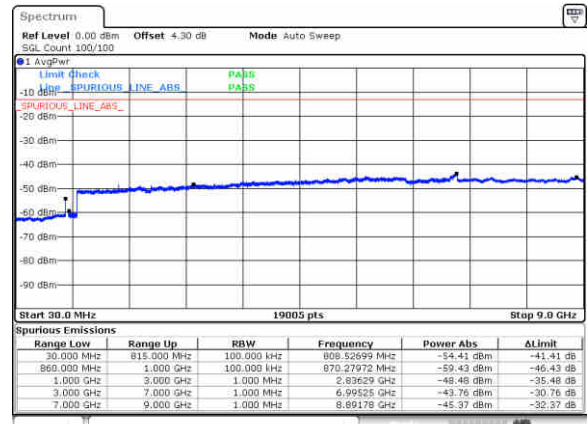
Lowest Channel / QPSK



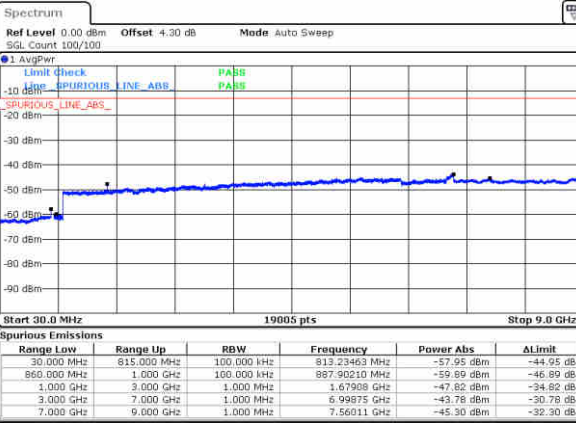
Middle Channel / BPSK



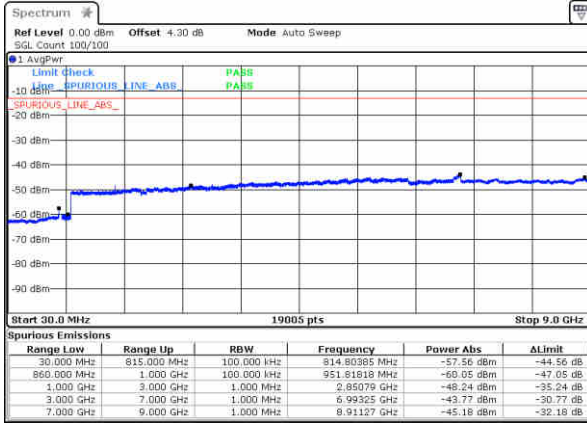
Middle Channel / QPSK



Highest Channel / BPSK



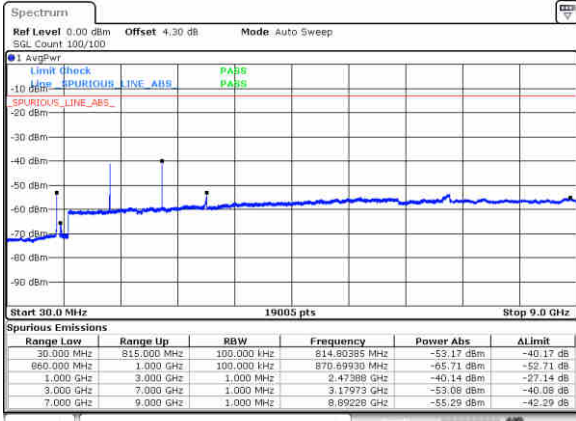
Highest Channel / QPSK



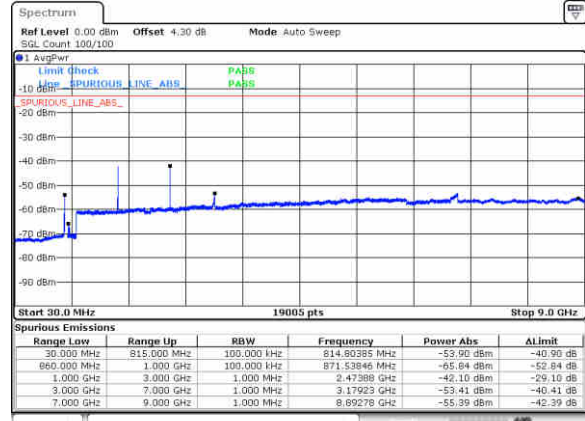


EN-DC_2A_n5A / LTE 20MHz + NR 20MHz

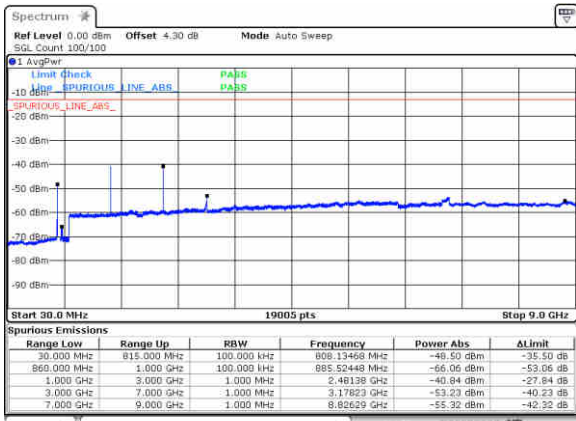
Lowest Channel / BPSK



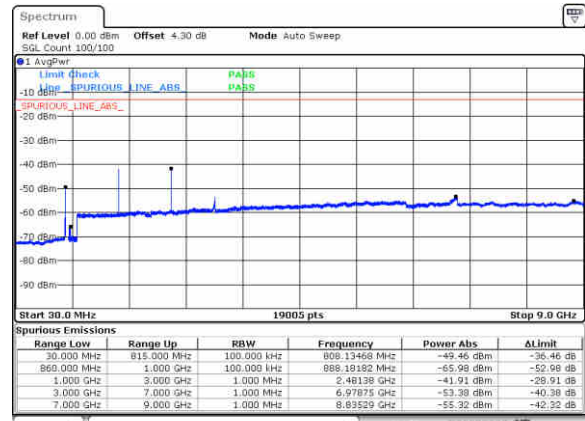
Lowest Channel / QPSK



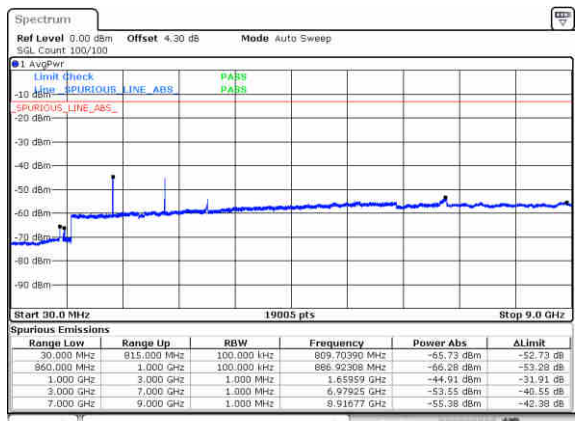
Middle Channel / BPSK



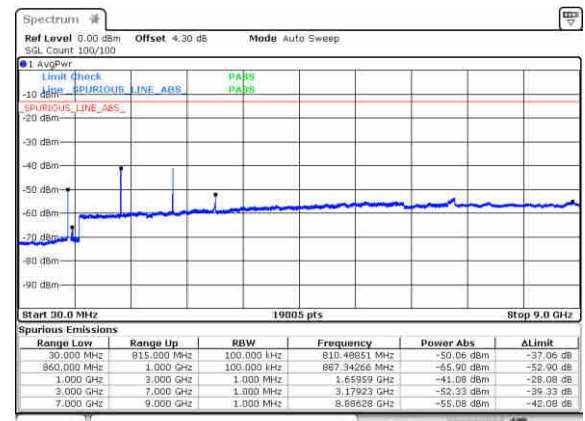
Middle Channel / QPSK



Highest Channel / BPSK



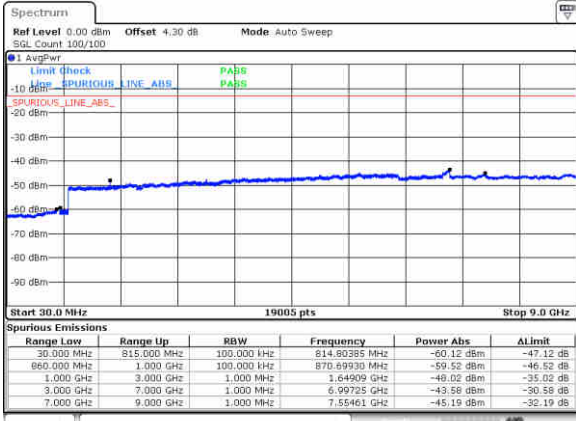
Highest Channel / QPSK



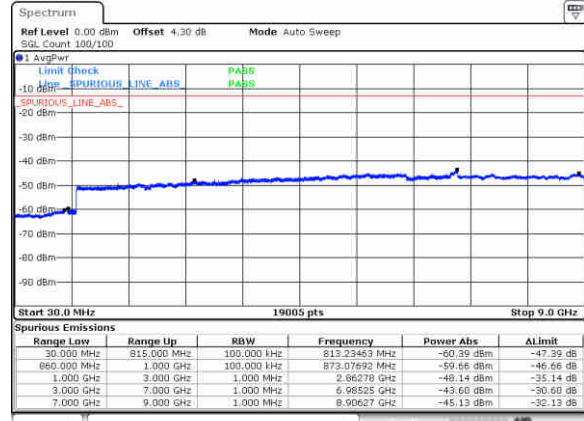


EN-DC_66A_n5A / LTE 20MHz + NR 5MHz

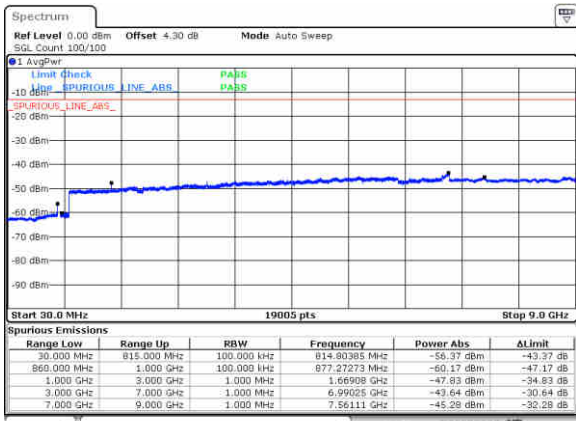
Lowest Channel / BPSK



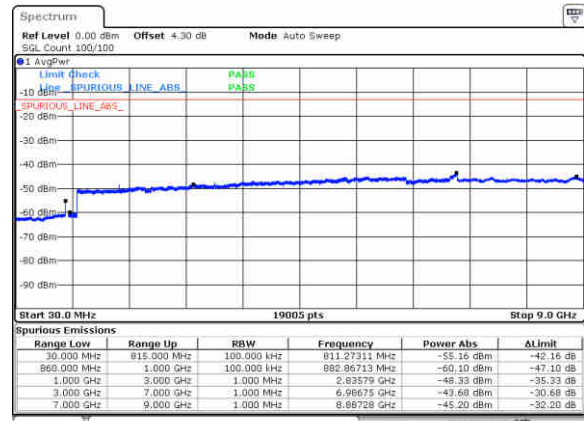
Lowest Channel / QPSK



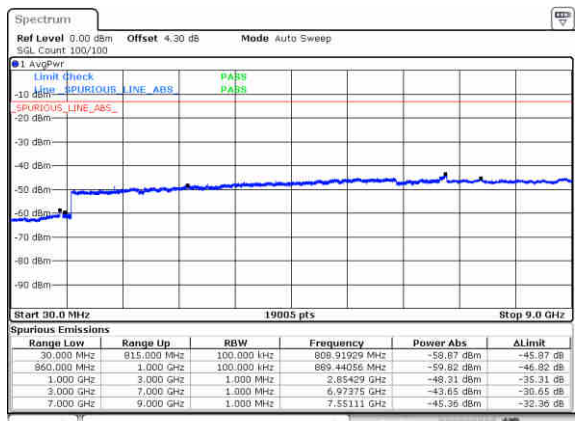
Middle Channel / BPSK



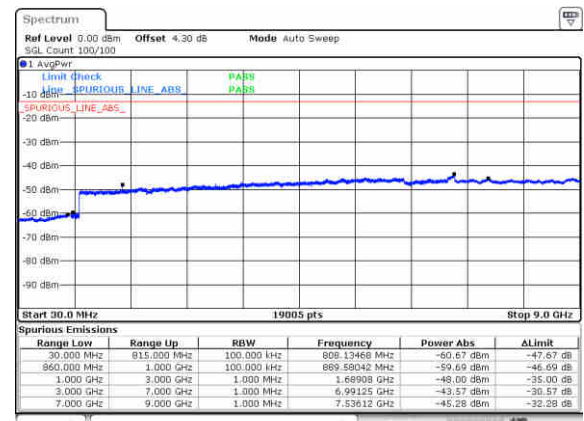
Middle Channel / QPSK



Highest Channel / BPSK



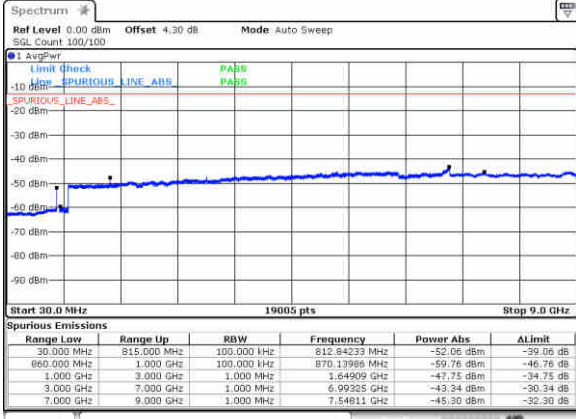
Highest Channel / QPSK



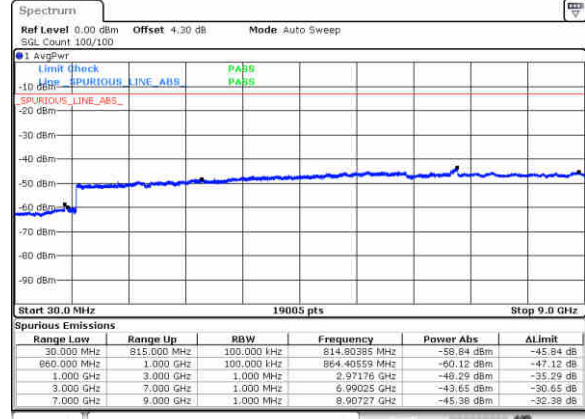


EN-DC_66A_n5A / LTE 20MHz + NR 10MHz

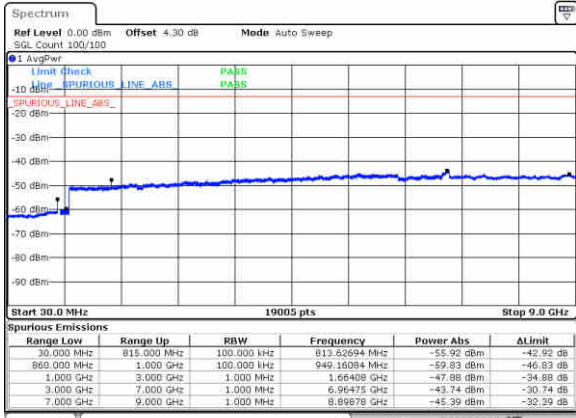
Lowest Channel / BPSK



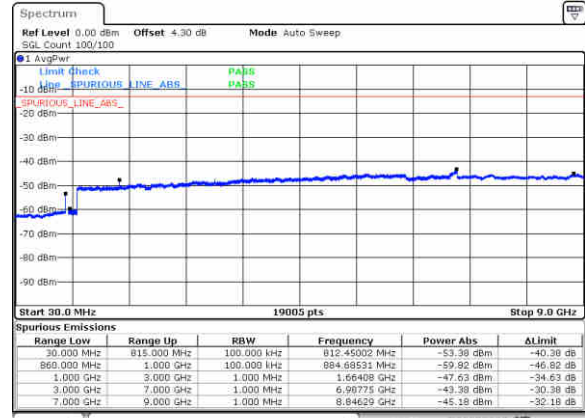
Lowest Channel / QPSK



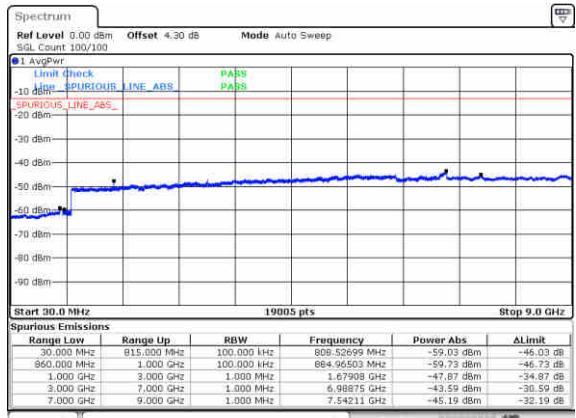
Middle Channel / BPSK



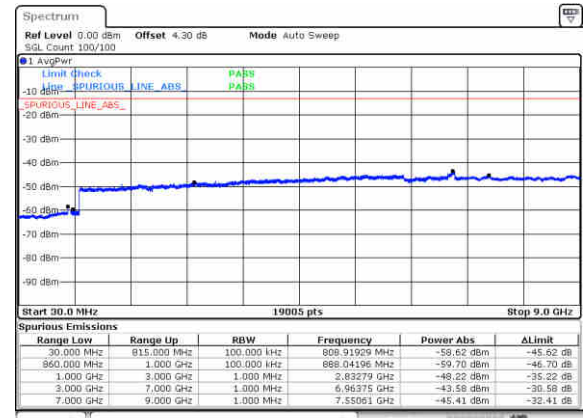
Middle Channel / QPSK



Highest Channel / BPSK



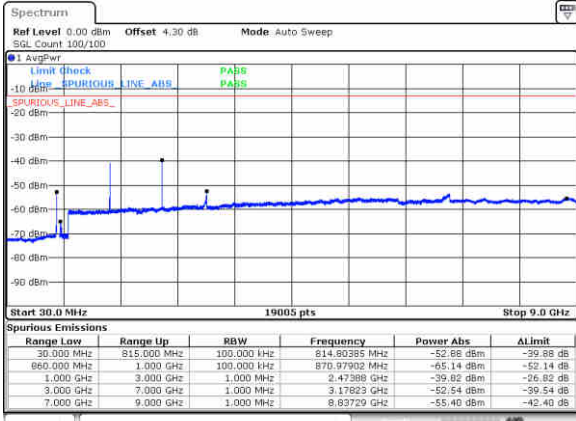
Highest Channel / QPSK



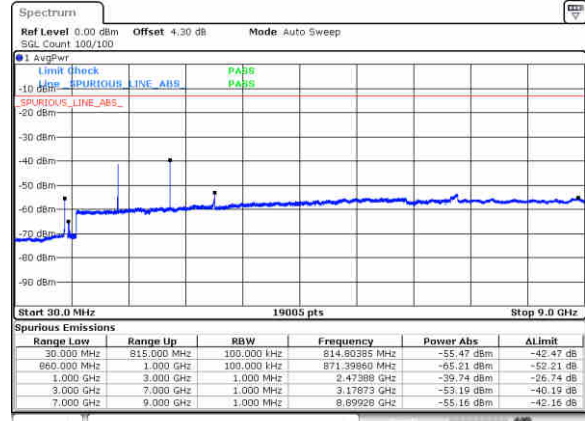


EN-DC_66A_n5A / LTE 20MHz + NR 20MHz

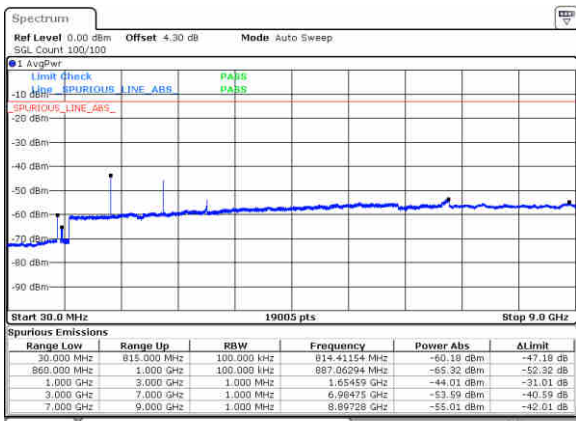
Lowest Channel / BPSK



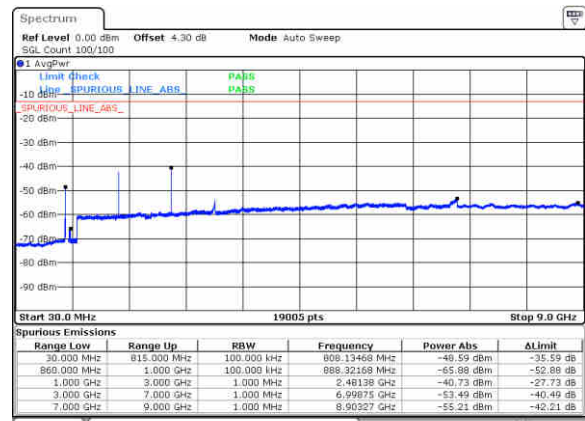
Lowest Channel / QPSK



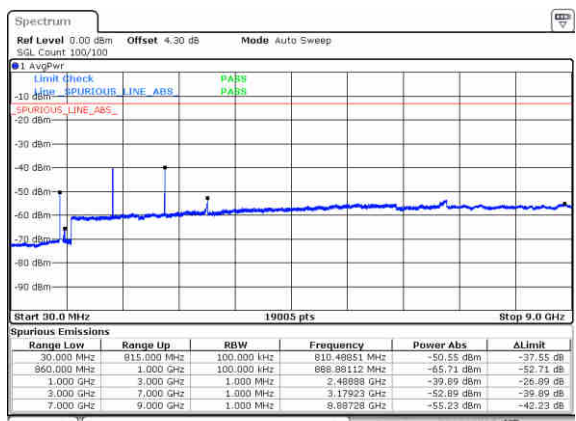
Middle Channel / BPSK



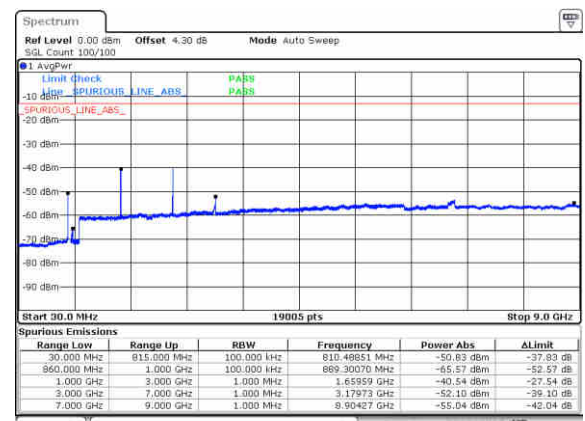
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		EN-DC_2A_n5A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	LTE 20MHz + NR 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0012	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0012	
20	Battery End Point	0.0018	

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.

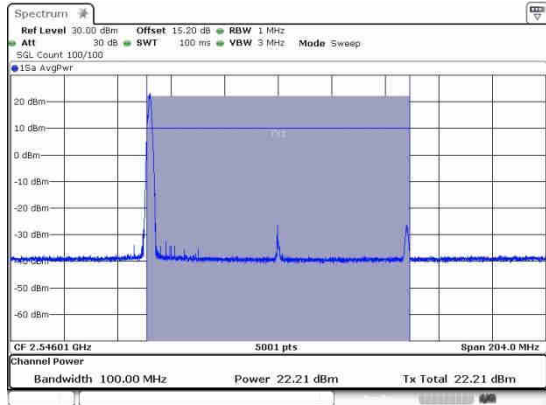


5G NR n41

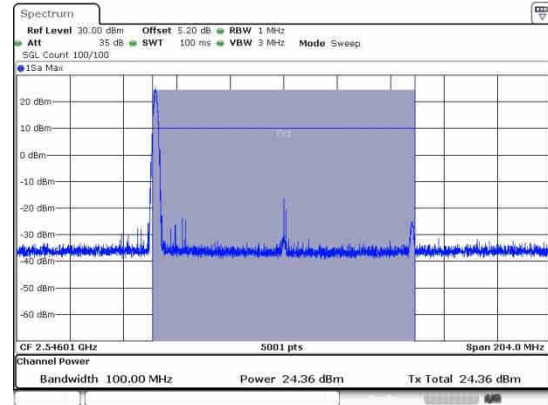
Peak-to-Average Ratio

EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / BPSK

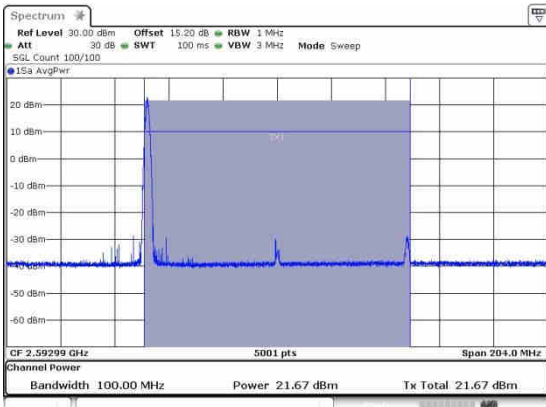
Lowest Channel / 1RB / Average



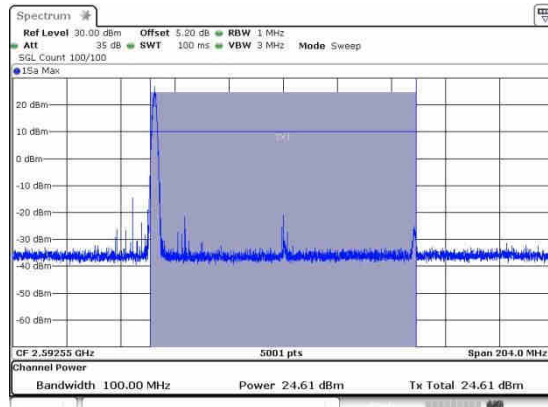
Lowest Channel / 1RB / Peak



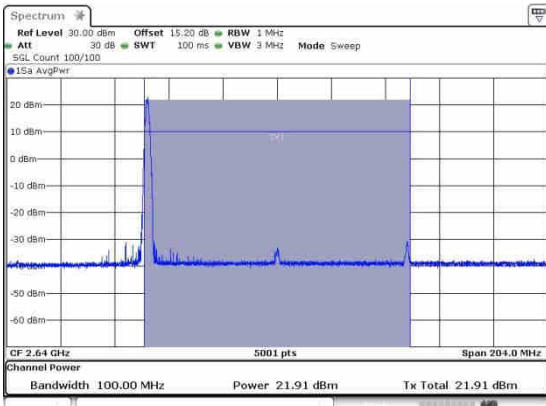
Middle Channel / 1RB / Average



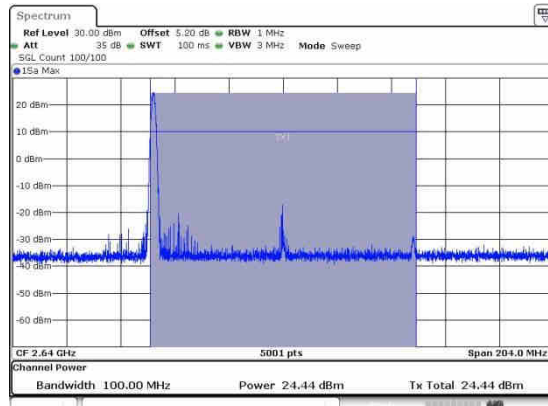
Middle Channel / 1RB / Peak



Highest Channel / 1RB / Average



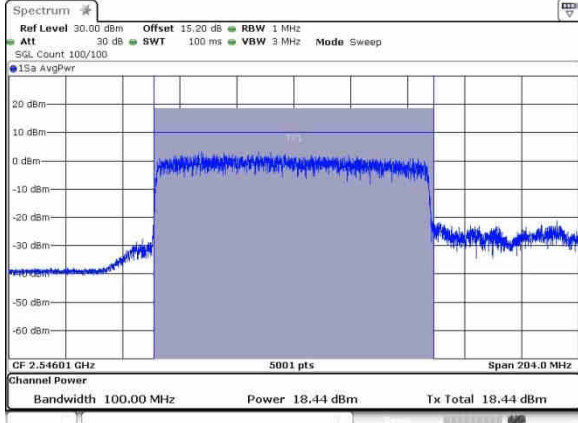
Highest Channel / 1RB / Peak





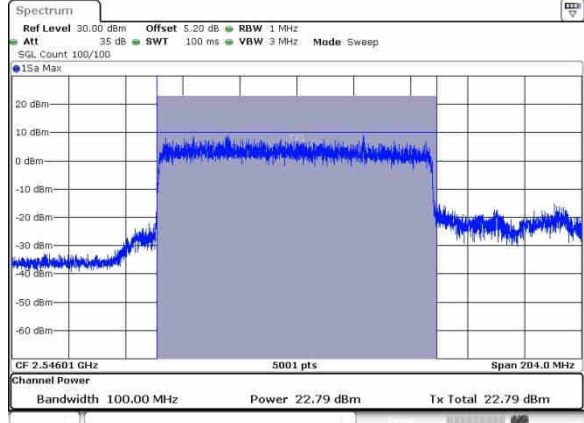
EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / BPSK

Lowest Channel / Full RB / Average



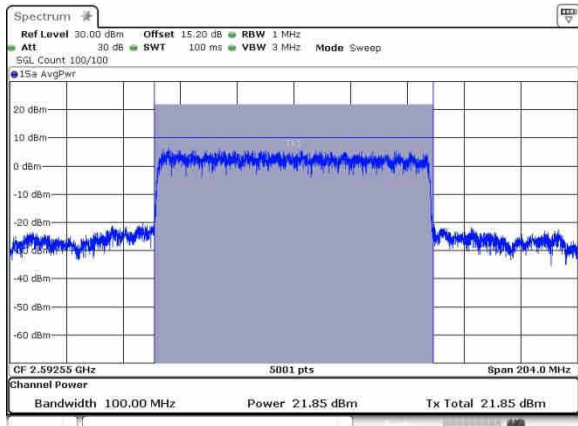
Date: 24.FEB.2020 22:10:34

Lowest Channel / Full RB / Peak



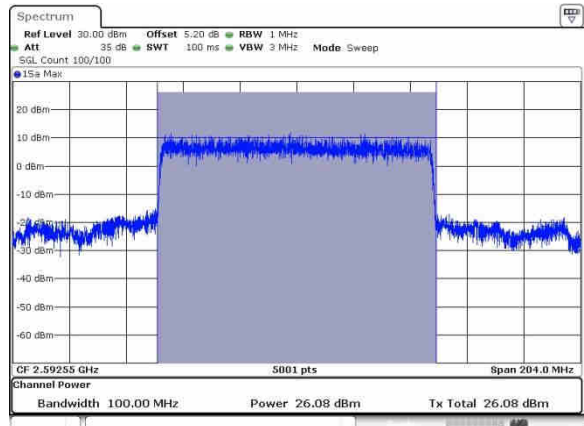
Date: 24.FEB.2020 22:11:03

Middle Channel / Full RB / Average



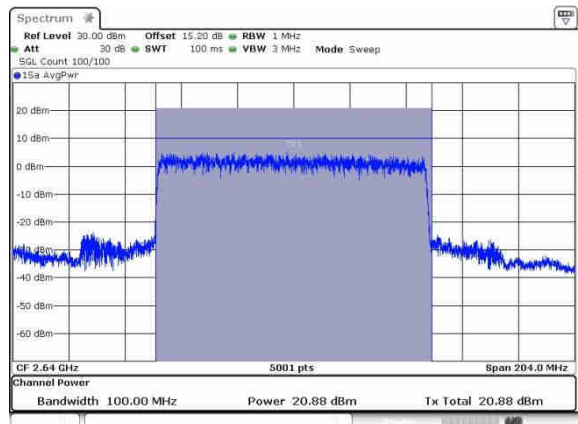
Date: 24.FEB.2020 22:24:39

Middle Channel / Full RB / Peak



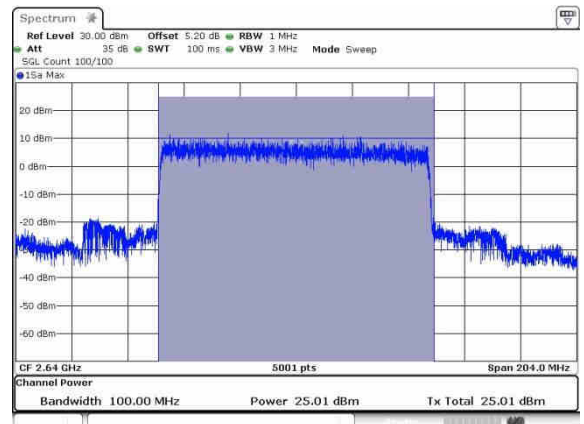
Date: 24.FEB.2020 22:24:07

Highest Channel / Full RB / Average



Date: 24.FEB.2020 22:26:38

Highest Channel / Full RB / Peak

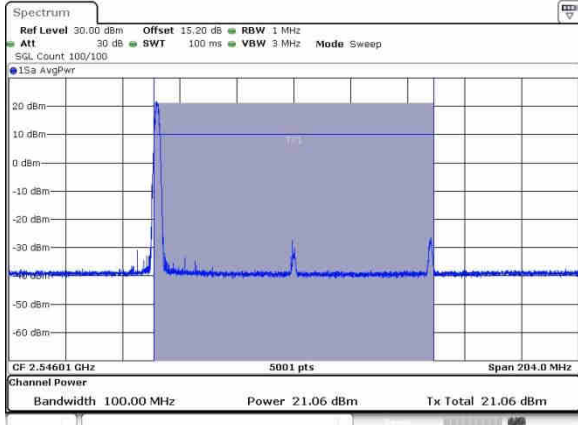


Date: 24.FEB.2020 22:27:06



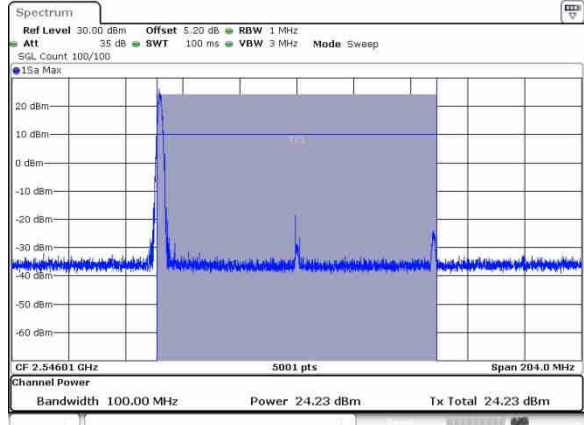
EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / QPSK

Lowest Channel / 1RB / Average



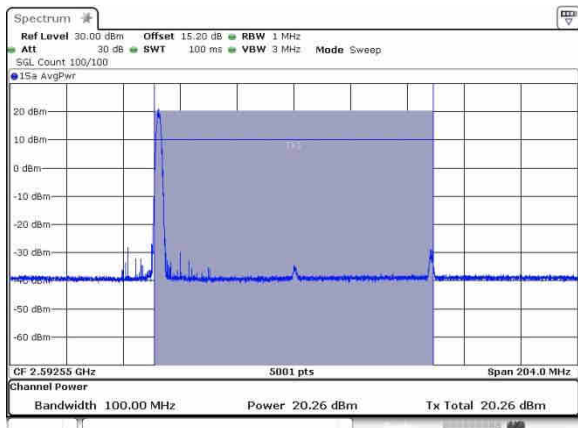
Date: 24.FEB.2020 22:14:11

Lowest Channel / 1RB / Peak



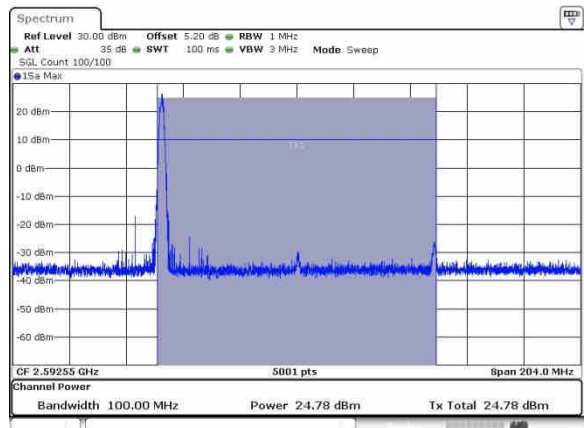
Date: 24.FEB.2020 22:14:38

Middle Channel / 1RB / Average



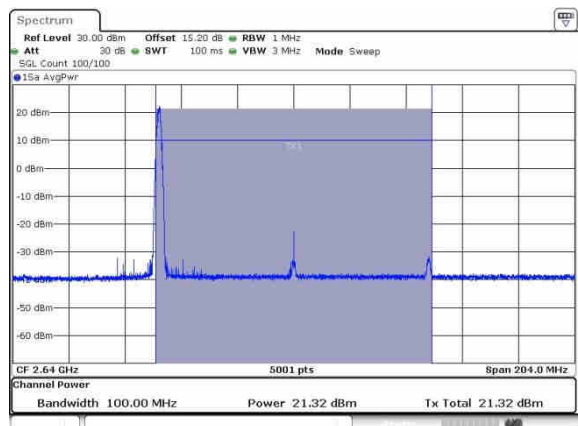
Date: 24.FEB.2020 22:22:10

Middle Channel / 1RB / Peak



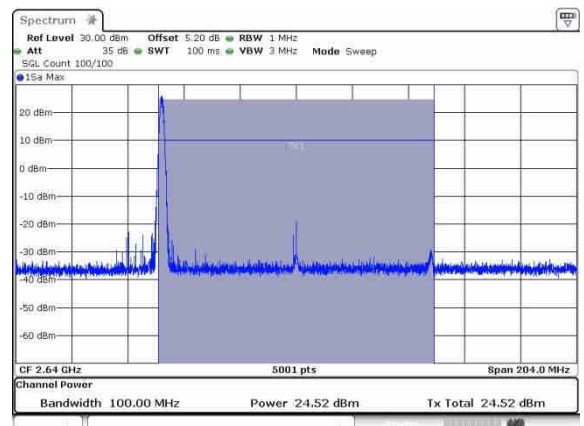
Date: 24.FEB.2020 22:21:46

Highest Channel / 1RB / Average



Date: 24.FEB.2020 22:29:19

Highest Channel / 1RB / Peak

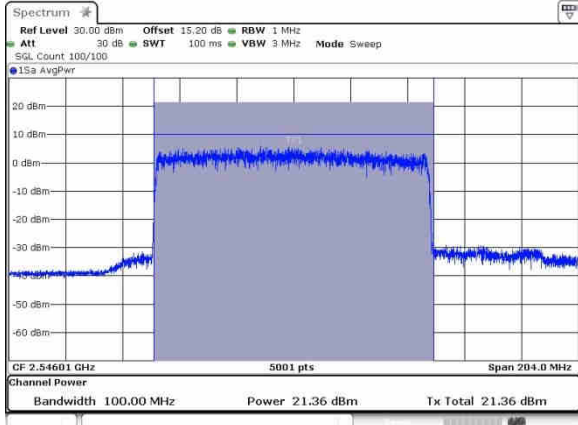


Date: 24.FEB.2020 22:29:24



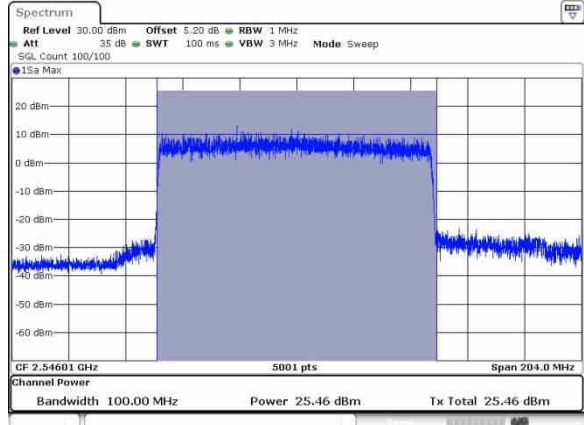
EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / QPSK

Lowest Channel / Full RB / Average



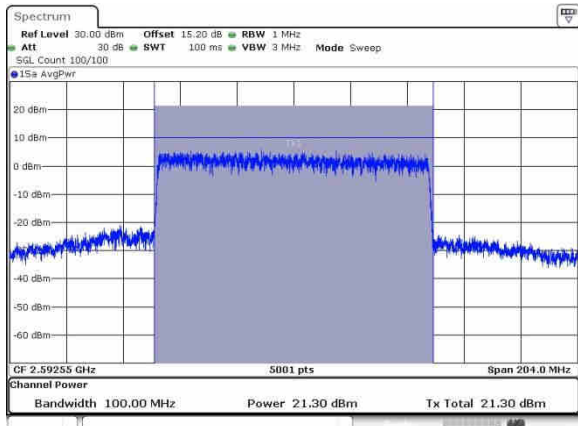
Date: 24.FEB.2020 22:12:35

Lowest Channel / Full RB / Peak



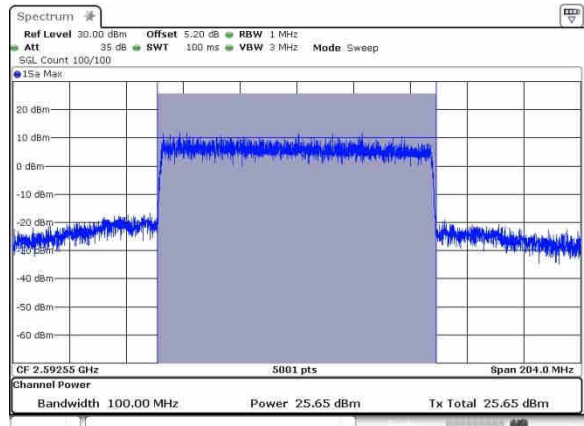
Date: 24.FEB.2020 22:12:04

Middle Channel / Full RB / Average



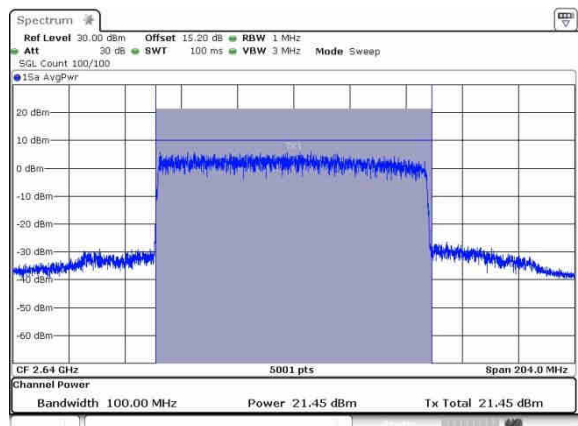
Date: 24.FEB.2020 22:22:55

Middle Channel / Full RB / Peak



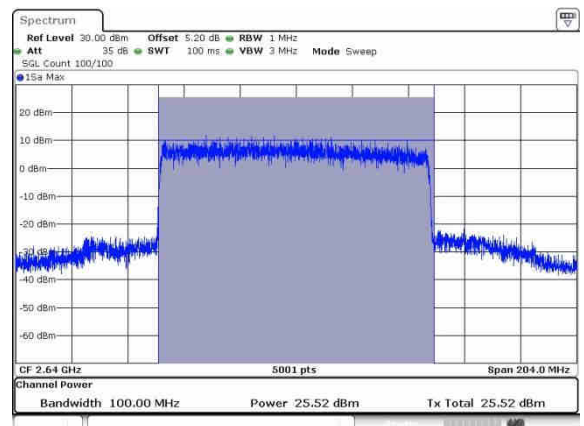
Date: 24.FEB.2020 22:23:21

Highest Channel / Full RB / Average



Date: 24.FEB.2020 22:27:19

Highest Channel / Full RB / Peak

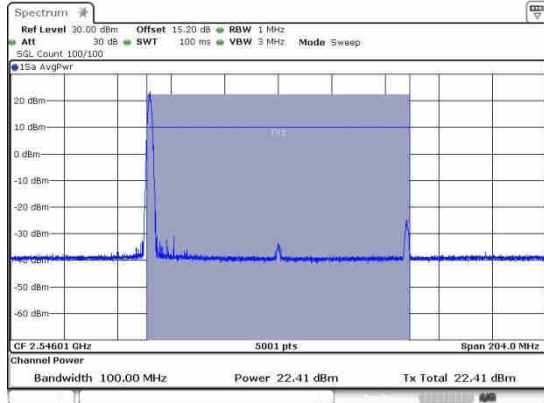


Date: 24.FEB.2020 22:27:53

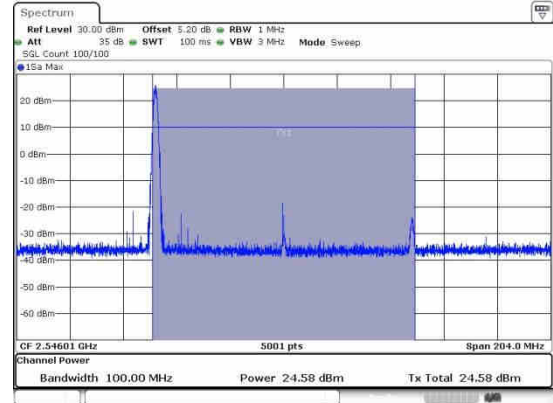


EN-DC_3A_n41A / LTE 20MHz + NR 100MHz / BPSK

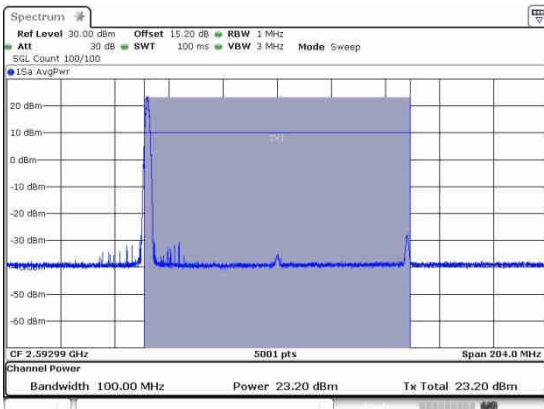
Lowest Channel / 1RB / Average



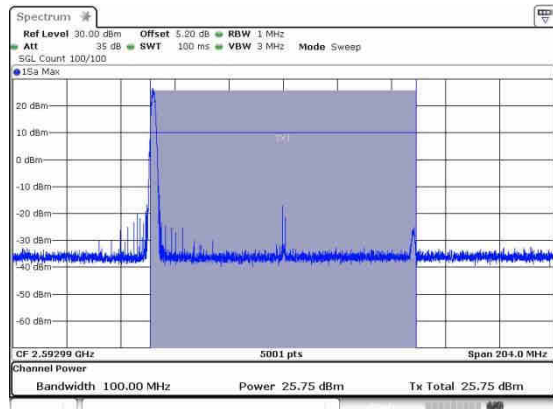
Lowest Channel / 1RB / Peak



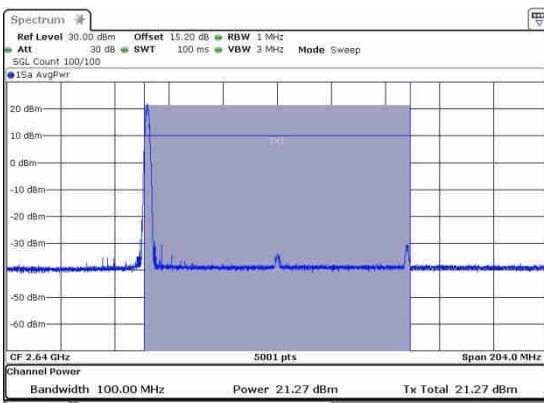
Middle Channel / 1RB / Average



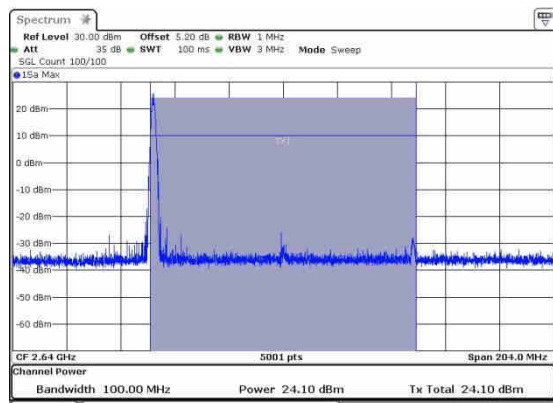
Middle Channel / 1RB / Peak



Highest Channel / 1RB / Average



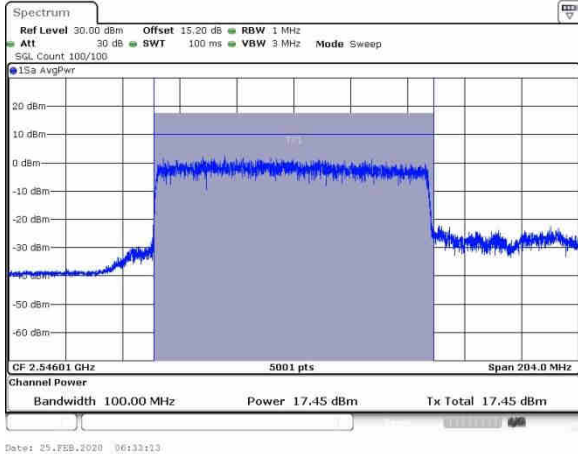
Highest Channel / 1RB / Peak





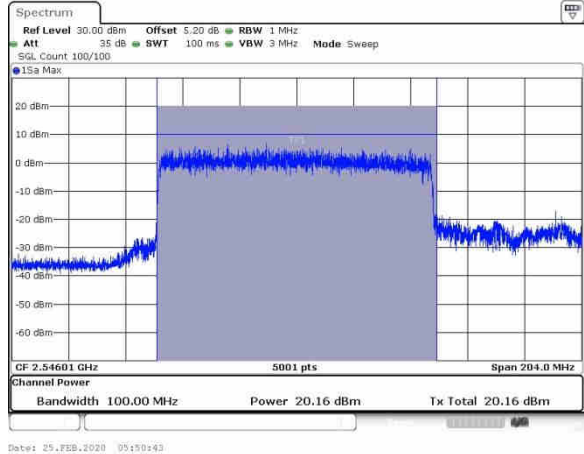
EN-DC_3A_n41A / LTE 20MHz + NR 100MHz / BPSK

Lowest Channel / Full RB / Average



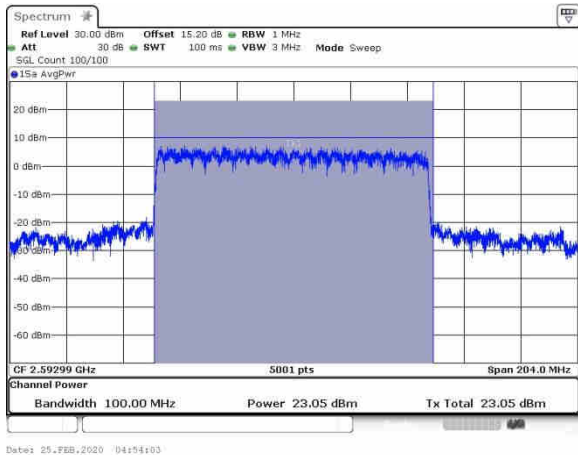
Date: 25.FEB.2020 06:33:13

Lowest Channel / Full RB / Peak



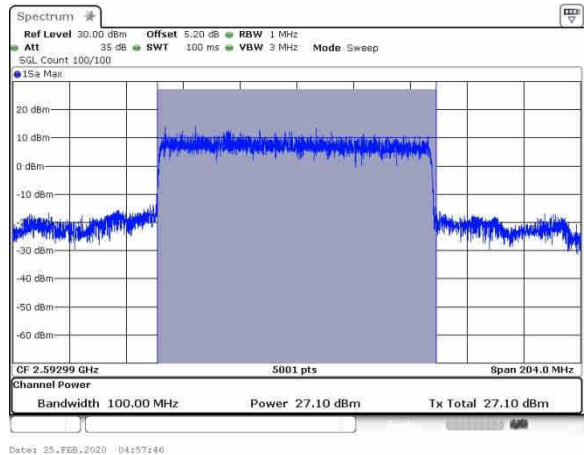
Date: 25.FEB.2020 05:50:43

Middle Channel / Full RB / Average



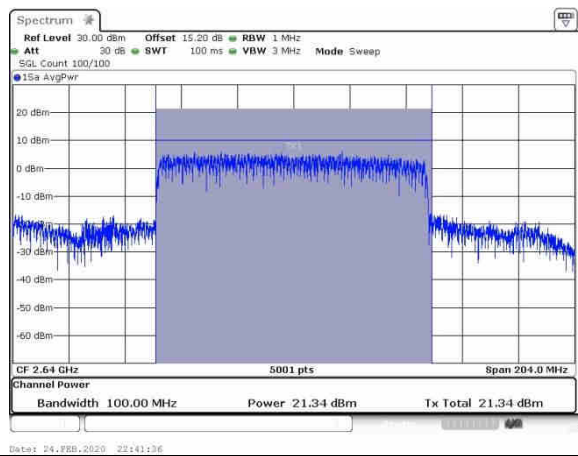
Date: 25.FEB.2020 04:54:03

Middle Channel / Full RB / Peak



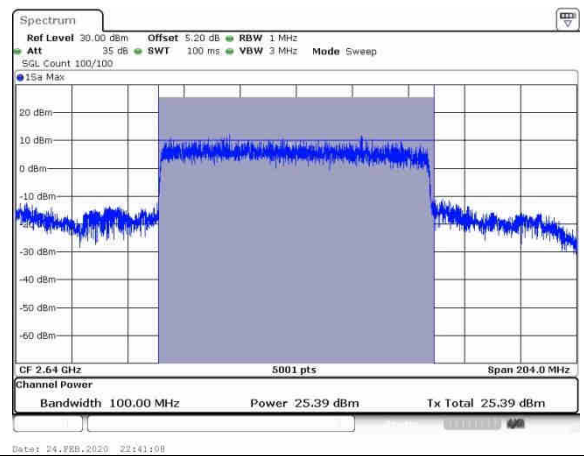
Date: 25.FEB.2020 04:57:46

Highest Channel / Full RB / Average



Date: 24.FEB.2020 02:41:36

Highest Channel / Full RB / Peak

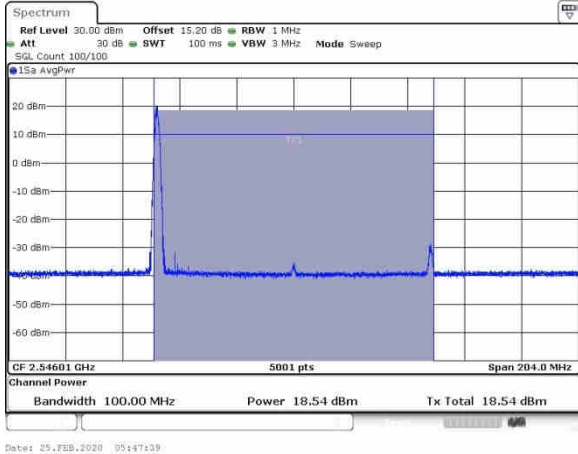


Date: 24.FEB.2020 02:41:09

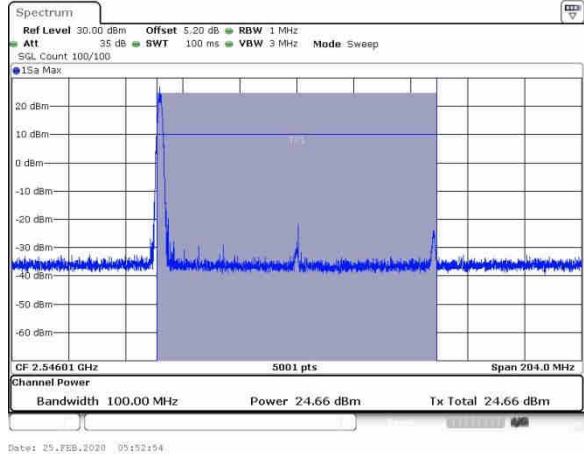


EN-DC_3A_n41A / LTE 20MHz + NR 100MHz / QPSK

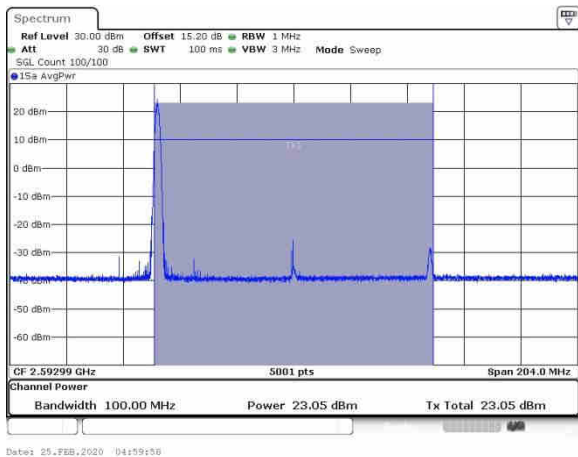
Lowest Channel / 1RB / Average



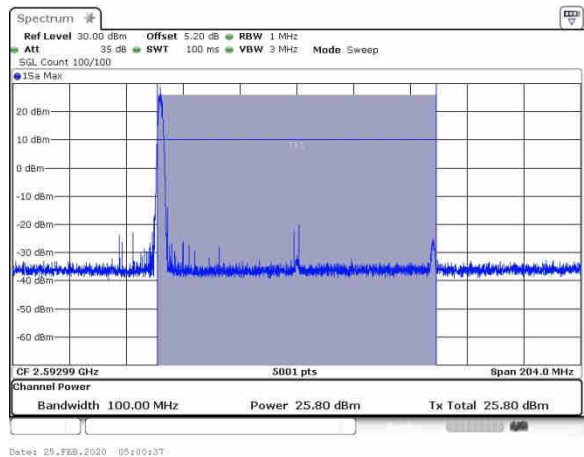
Lowest Channel / 1RB / Peak



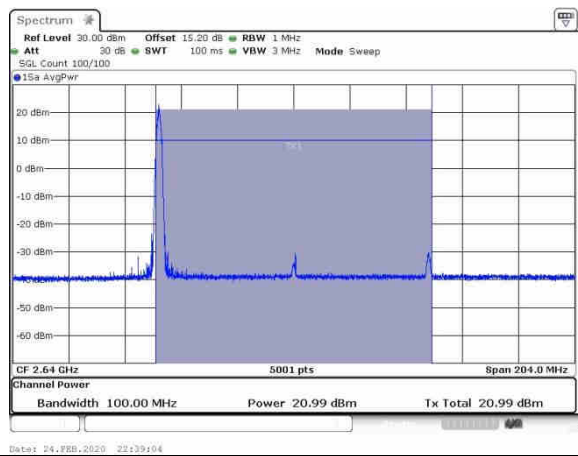
Middle Channel / 1RB / Average



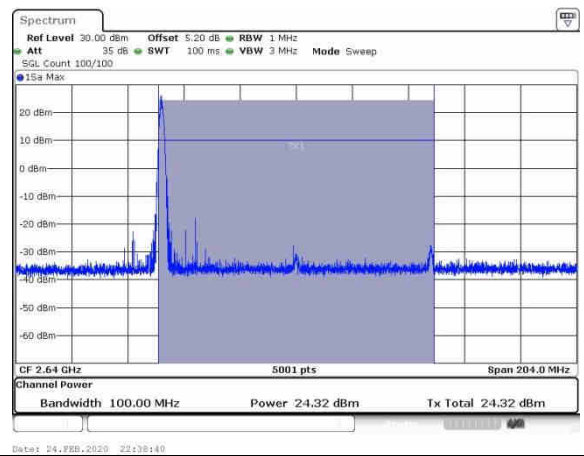
Middle Channel / 1RB / Peak



Highest Channel / 1RB / Average



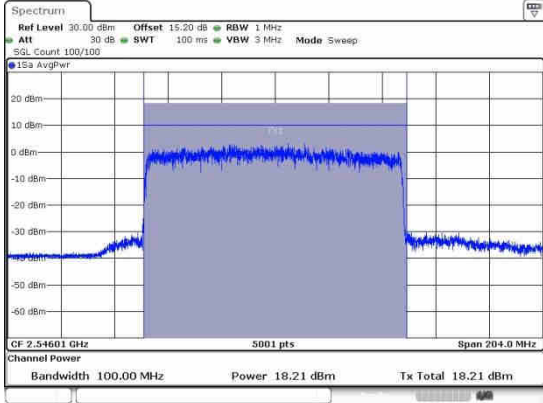
Highest Channel / 1RB / Peak



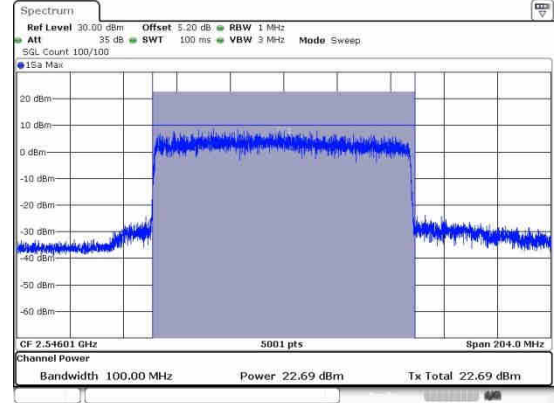


EN-DC_3A_n41A / LTE 20MHz + NR 100MHz / QPSK

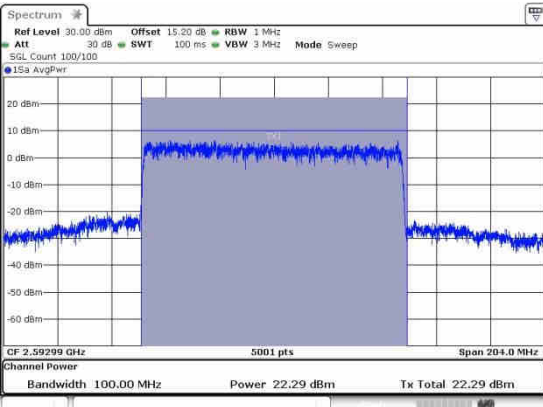
Lowest Channel / Full RB / Average



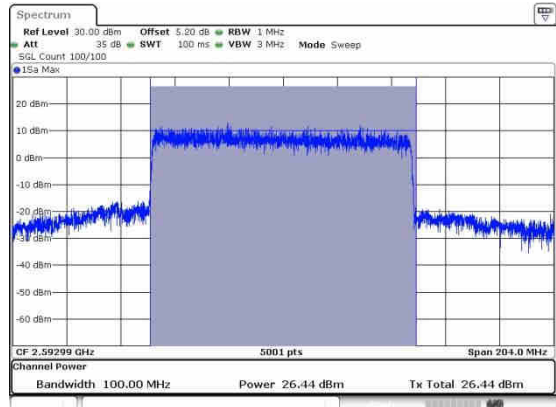
Lowest Channel / Full RB / Peak



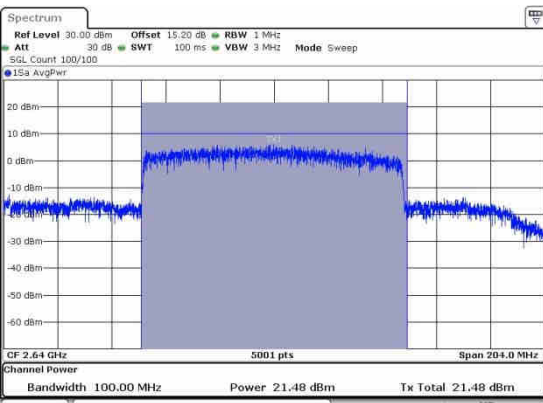
Middle Channel / Full RB / Average



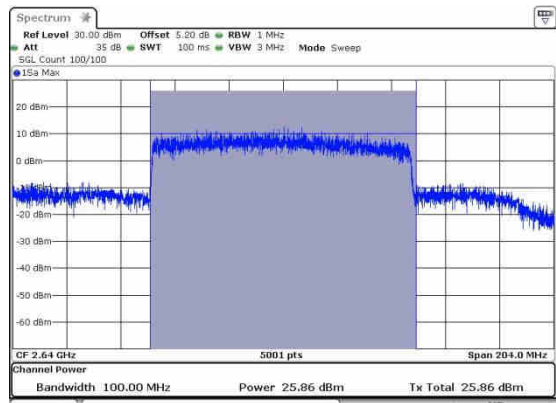
Middle Channel / Full RB / Peak



Highest Channel / Full RB / Average



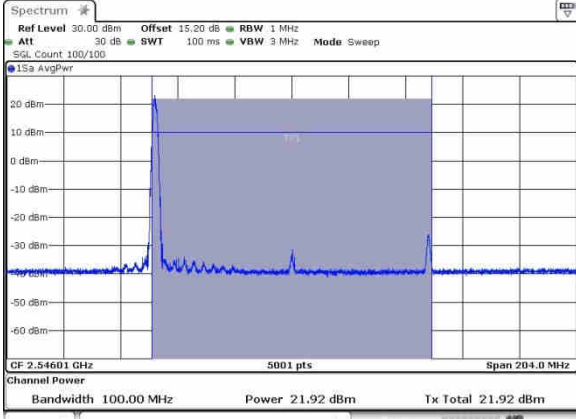
Highest Channel / Full RB / Peak



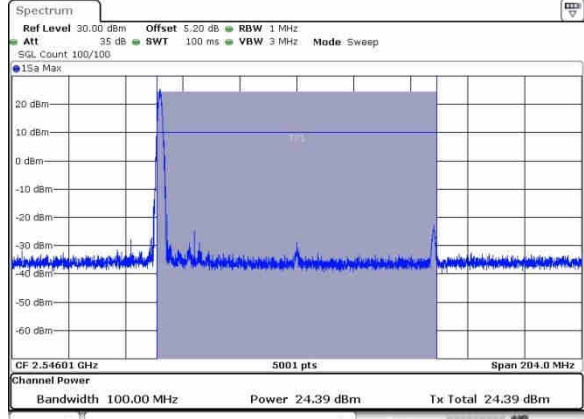


EN-DC_25A_n41A / LTE 20MHz + NR 100MHz / BPSK

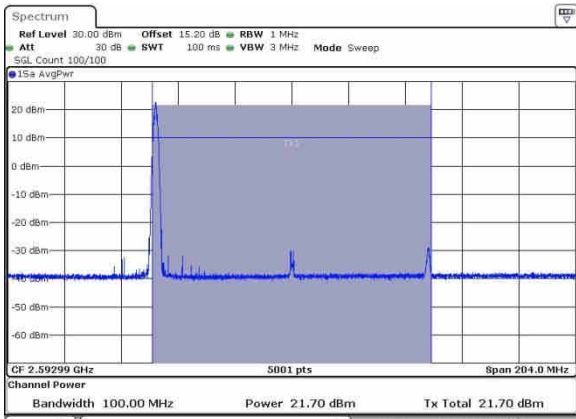
Lowest Channel / 1RB / Average



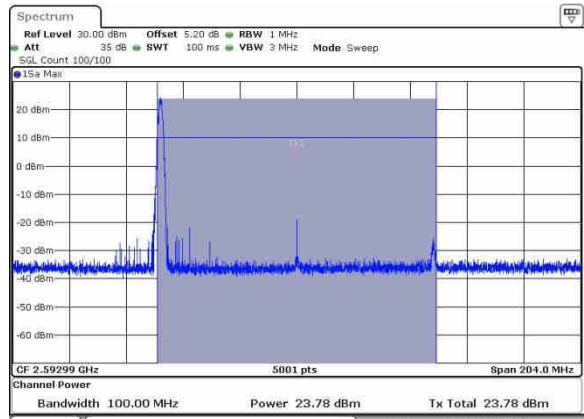
Lowest Channel / 1RB / Peak



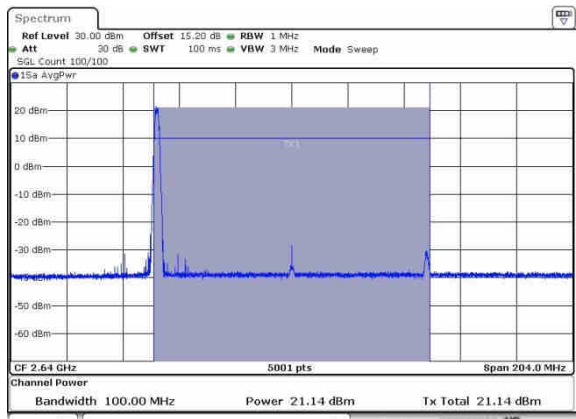
Middle Channel / 1RB / Average



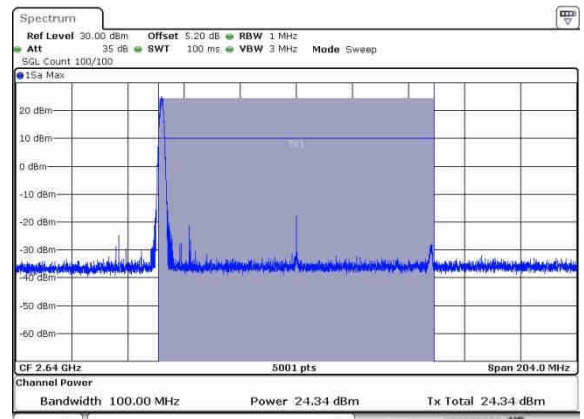
Middle Channel / 1RB / Peak



Highest Channel / 1RB / Average



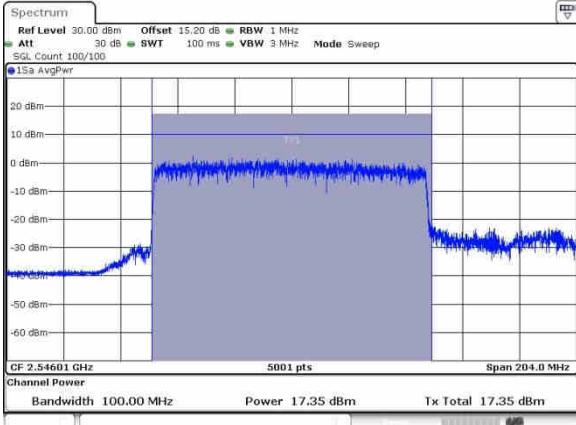
Highest Channel / 1RB / Peak





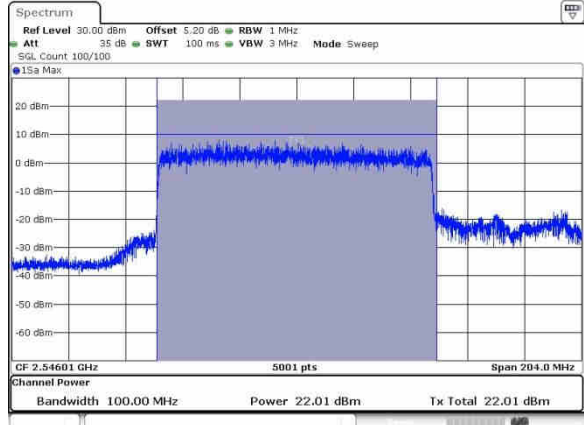
EN-DC_25A_n41A / LTE 20MHz + NR 100MHz / BPSK

Lowest Channel / Full RB / Average



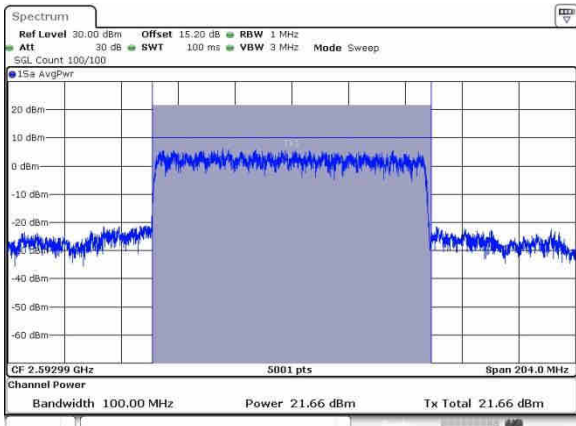
Date: 25.FEB.2020 06:37:49

Lowest Channel / Full RB / Peak



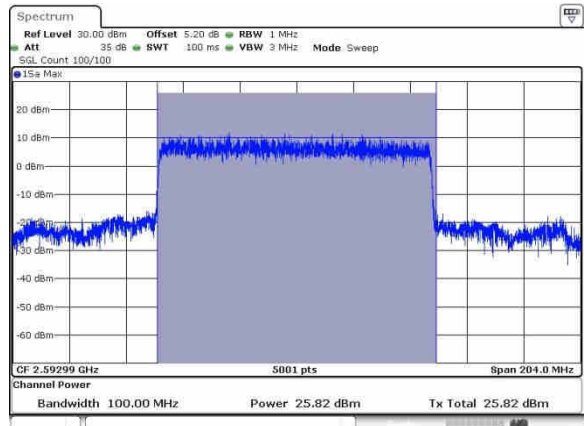
Date: 25.FEB.2020 06:12:21

Middle Channel / Full RB / Average



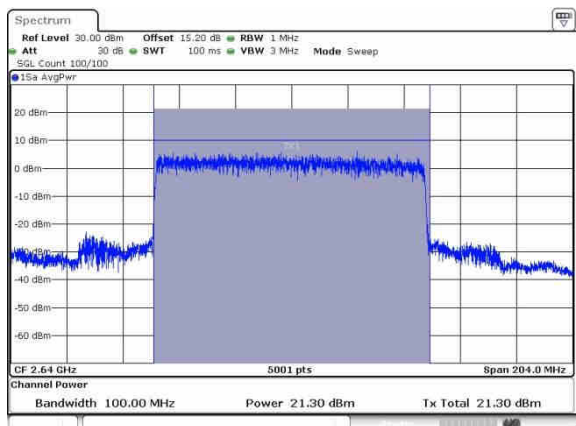
Date: 25.FEB.2020 08:00:35

Middle Channel / Full RB / Peak



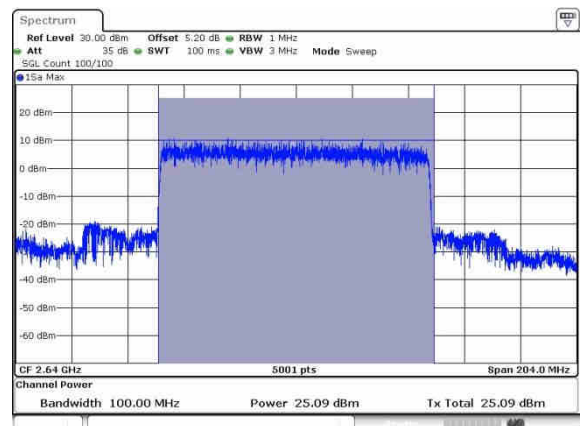
Date: 25.FEB.2020 08:03:13

Highest Channel / Full RB / Average



Date: 25.FEB.2020 08:18:16

Highest Channel / Full RB / Peak

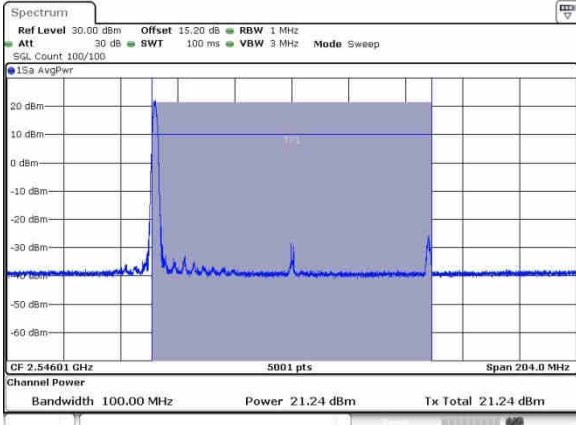


Date: 25.FEB.2020 08:16:07

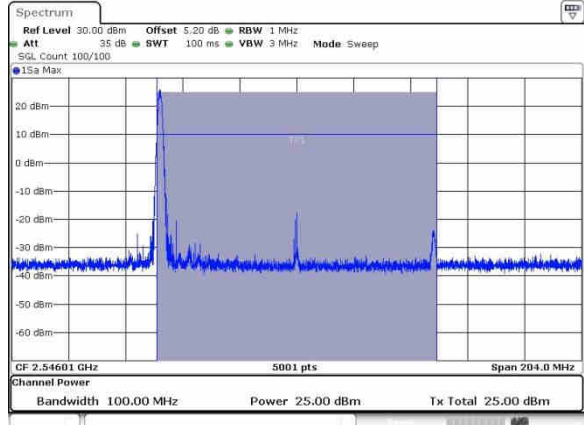


EN-DC_25A_n41A / LTE 20MHz + NR 100MHz / QPSK

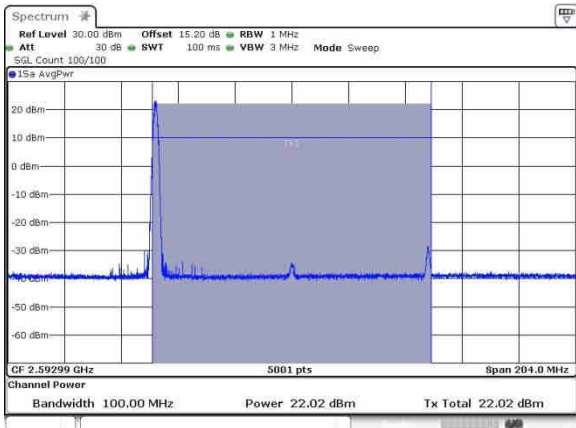
Lowest Channel / 1RB / Average



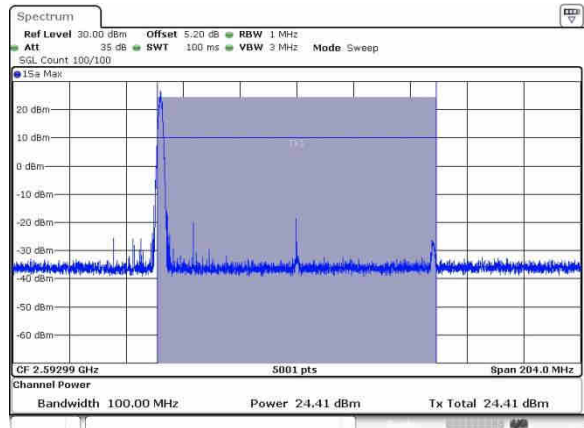
Lowest Channel / 1RB / Peak



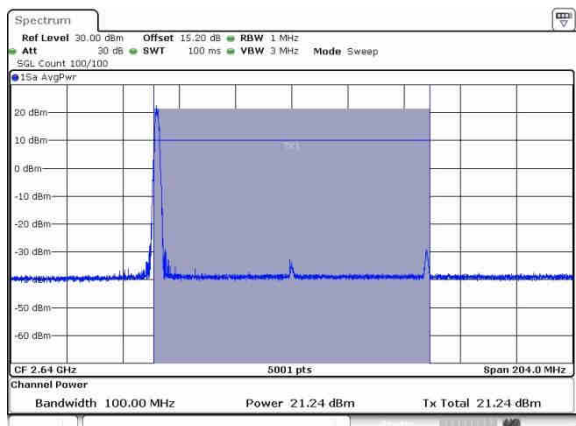
Middle Channel / 1RB / Average



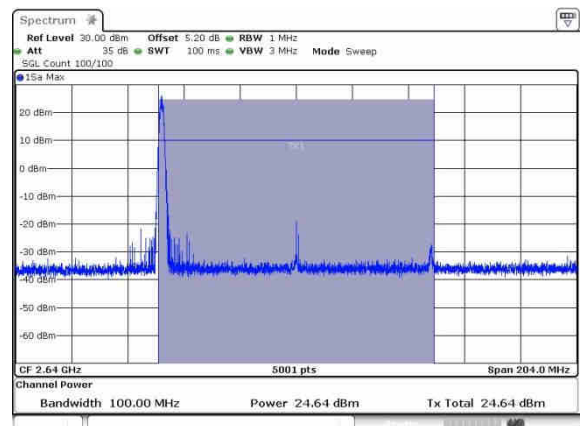
Middle Channel / 1RB / Peak



Highest Channel / 1RB / Average



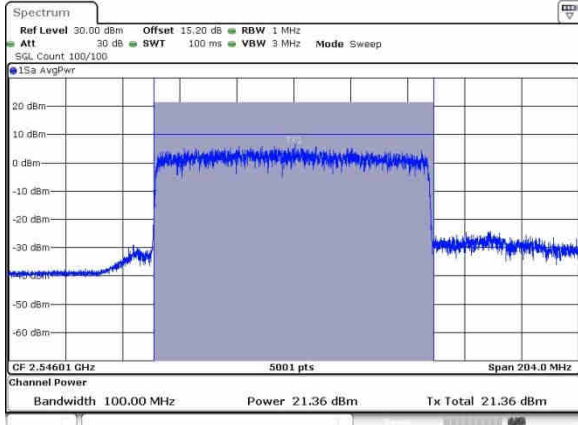
Highest Channel / 1RB / Peak



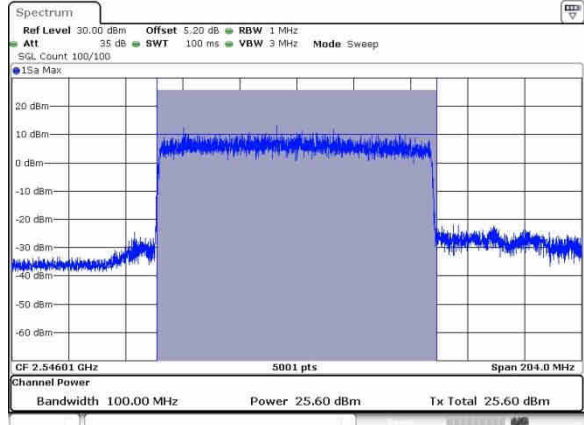


EN-DC_25A_n41A / LTE 20MHz + NR 100MHz / QPSK

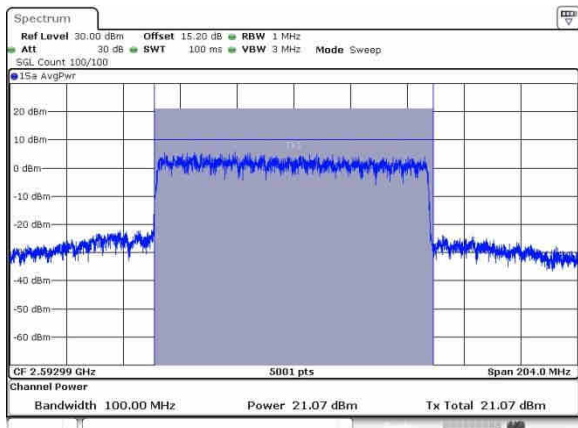
Lowest Channel / Full RB / Average



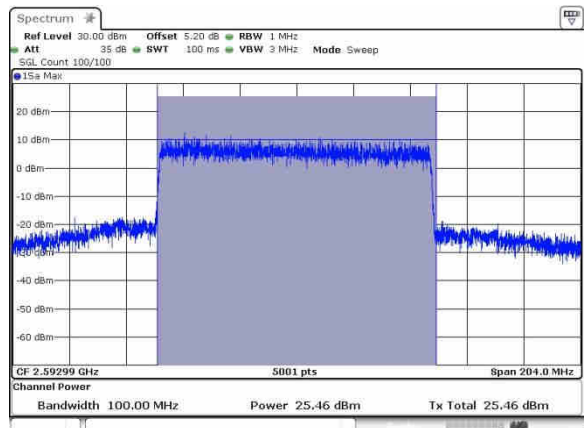
Lowest Channel / Full RB / Peak



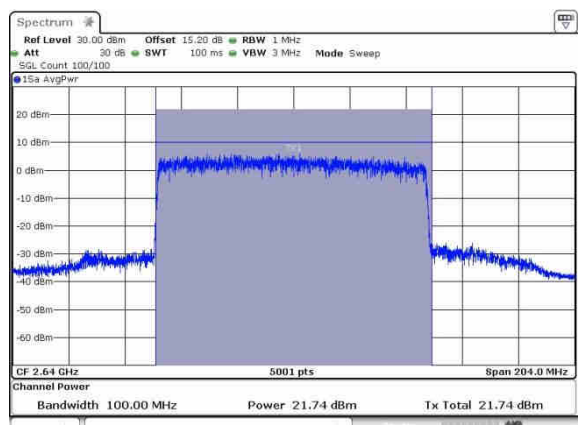
Middle Channel / Full RB / Average



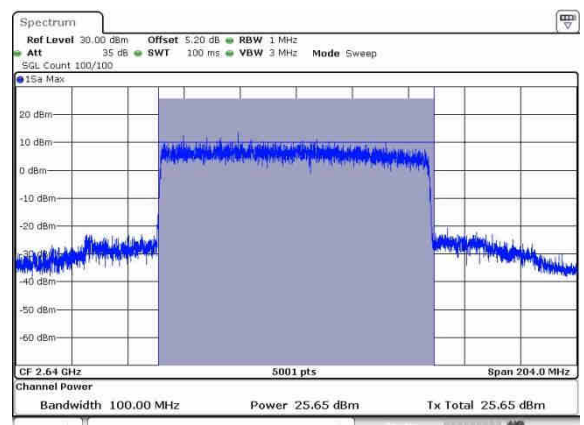
Middle Channel / Full RB / Peak



Highest Channel / Full RB / Average



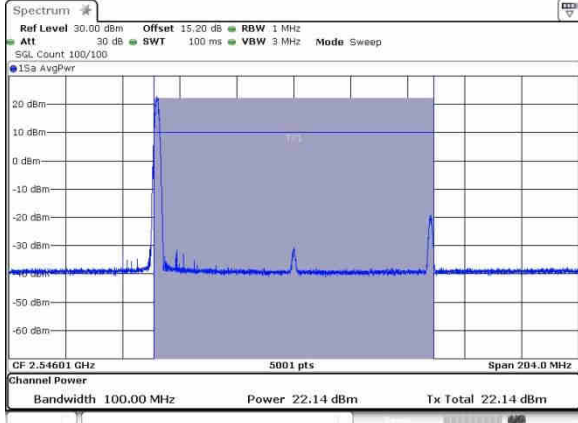
Highest Channel / Full RB / Peak



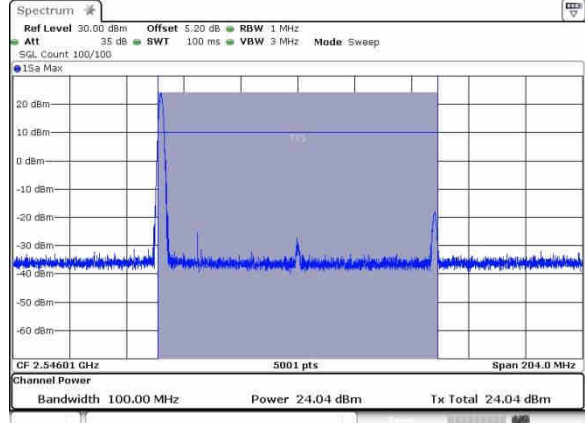


EN-DC_26A_n41A / LTE 15MHz + NR 100MHz / BPSK

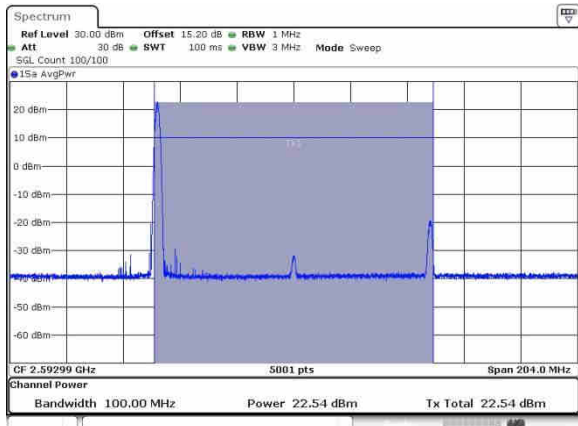
Lowest Channel / 1RB / Average



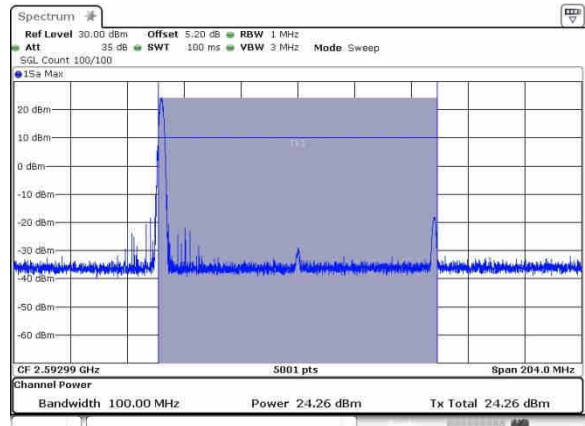
Lowest Channel / 1RB / Peak



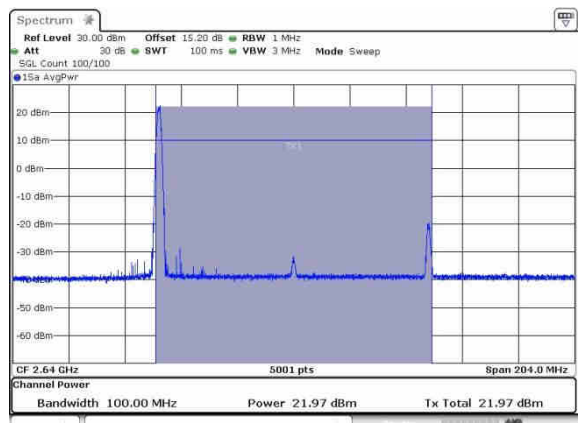
Middle Channel / 1RB / Average



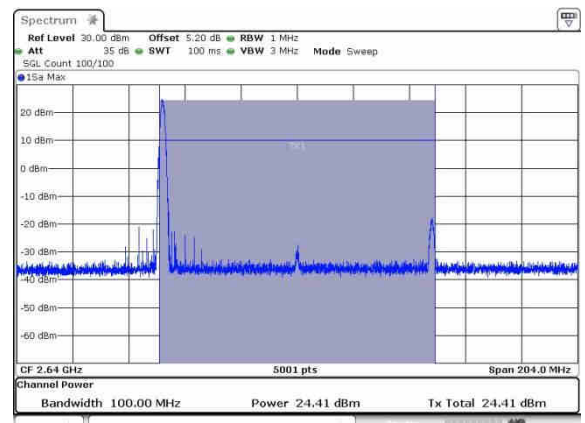
Middle Channel / 1RB / Peak



Highest Channel / 1RB / Average



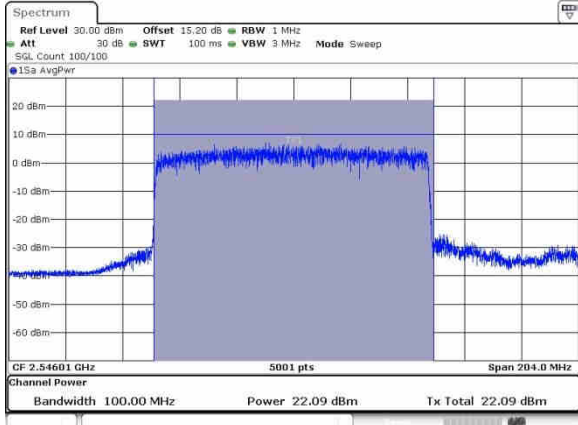
Highest Channel / 1RB / Peak



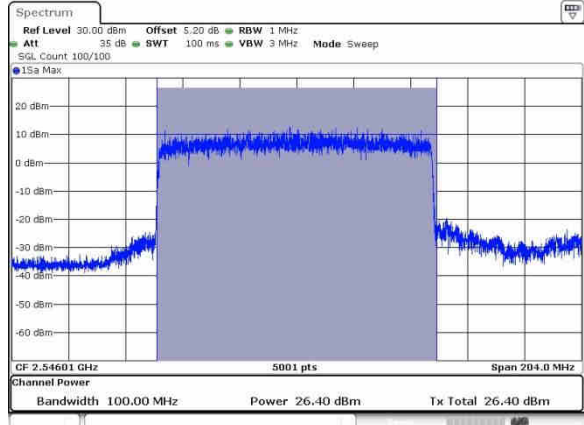


EN-DC_26A_n41A / LTE 15MHz + NR 100MHz / BPSK

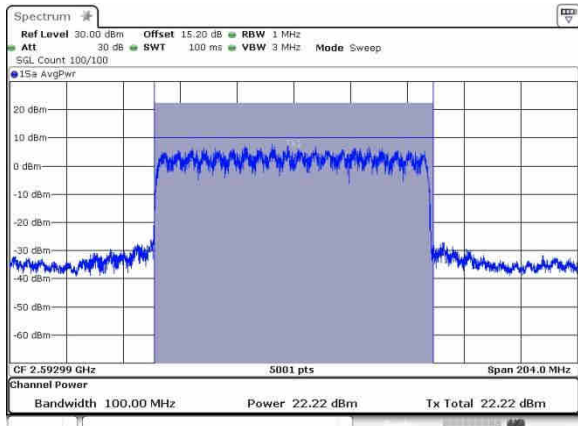
Lowest Channel / Full RB / Average



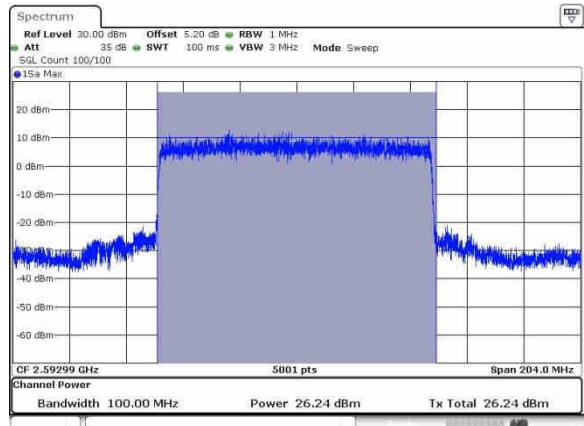
Lowest Channel / Full RB / Peak



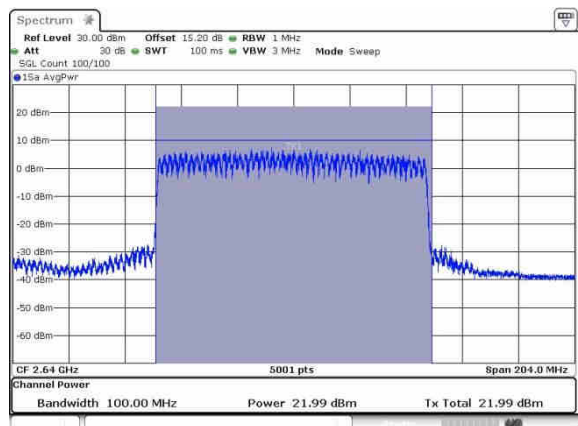
Middle Channel / Full RB / Average



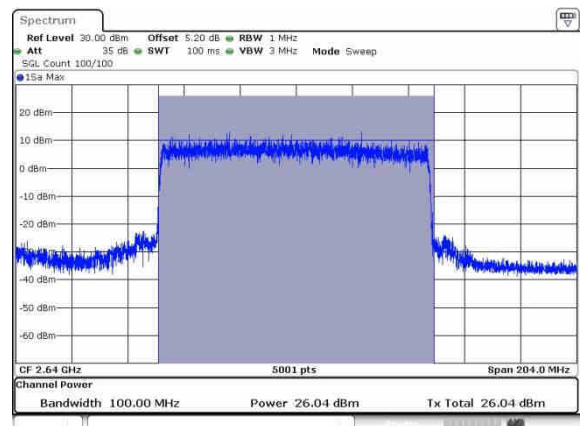
Middle Channel / Full RB / Peak



Highest Channel / Full RB / Average



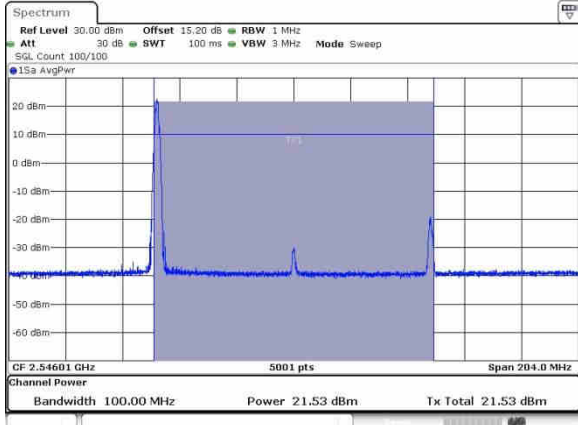
Highest Channel / Full RB / Peak





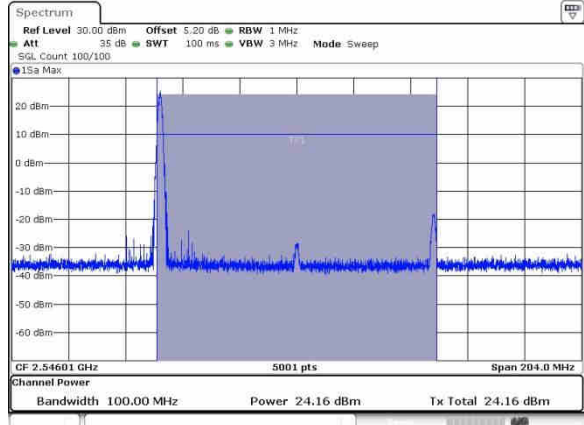
EN-DC_26A_n41A / LTE 15MHz + NR 100MHz / QPSK

Lowest Channel / 1RB / Average



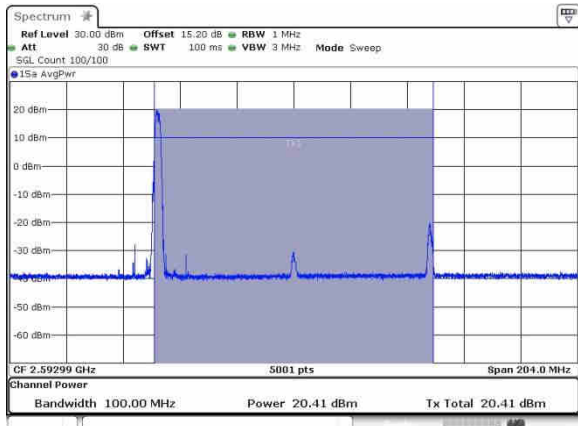
Date: 26.FEB.2020 15:04:16

Lowest Channel / 1RB / Peak



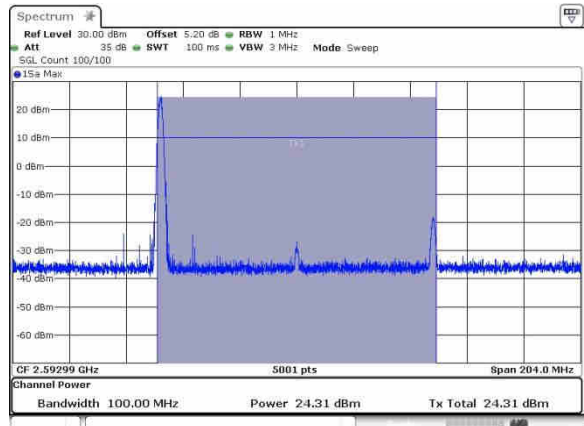
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Middle Channel / 1RB / Average



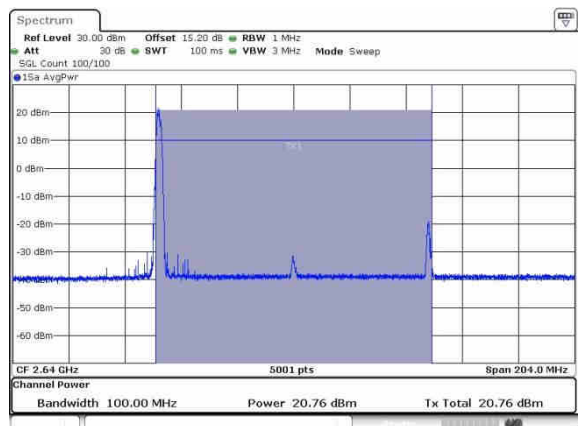
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Middle Channel / 1RB / Peak



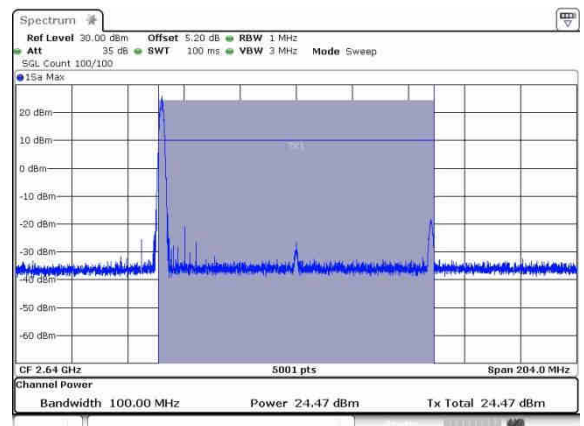
Date: 26.FEB.2020 14:56:13

Highest Channel / 1RB / Average



Date: 26.FEB.2020 14:54:19

Highest Channel / 1RB / Peak



Date: 26.FEB.2020 14:54:44