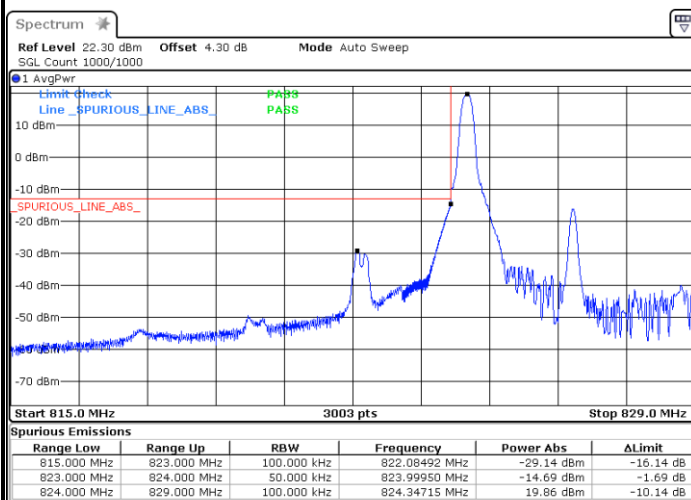




Conducted Band Edge

EN-DC_2A_n5A / LTE 20MHz + NR 5MHz / BPSK

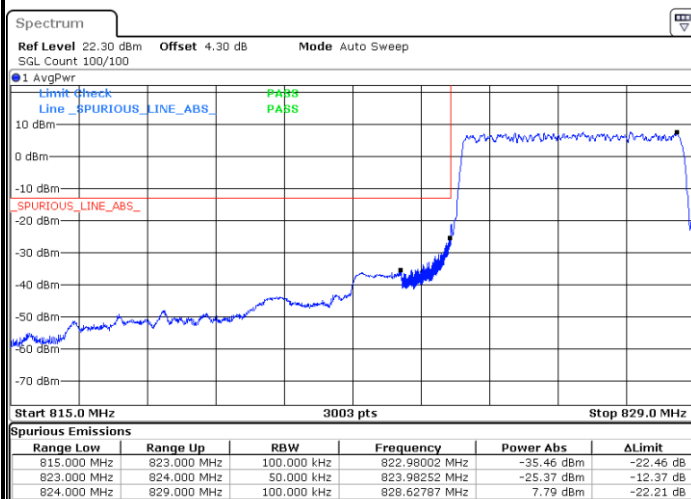
Lowest Band Edge / 1RB0



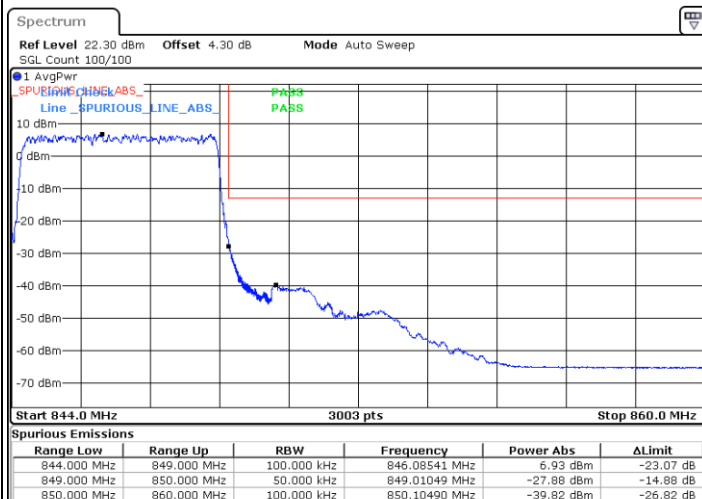
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



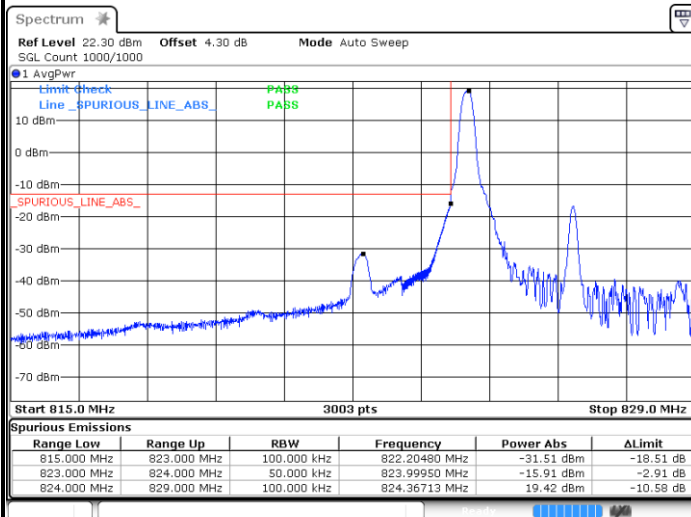
Highest Band Edge / 25RB0



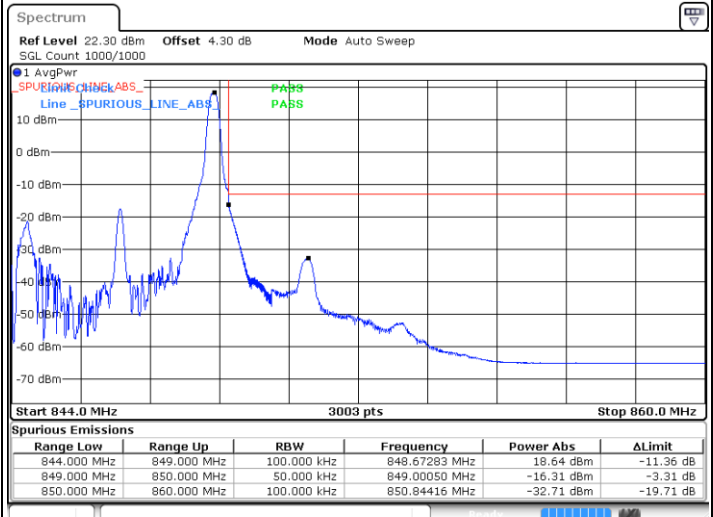


EN-DC_2A_n5A / LTE 20MHz + NR 5MHz / QPSK

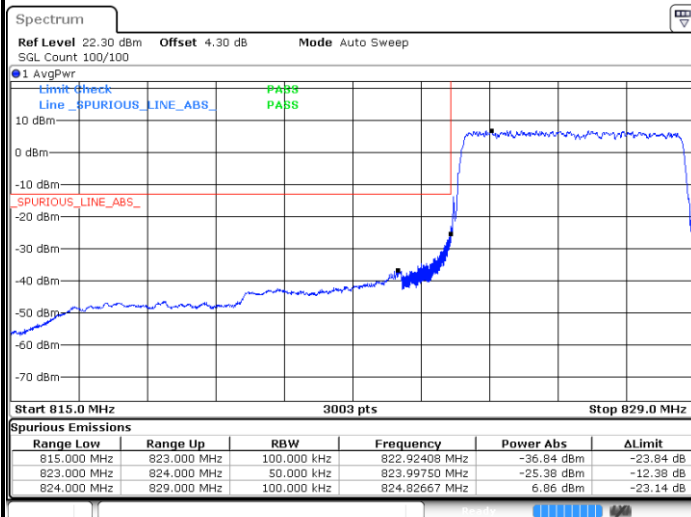
Lowest Band Edge / 1RB0



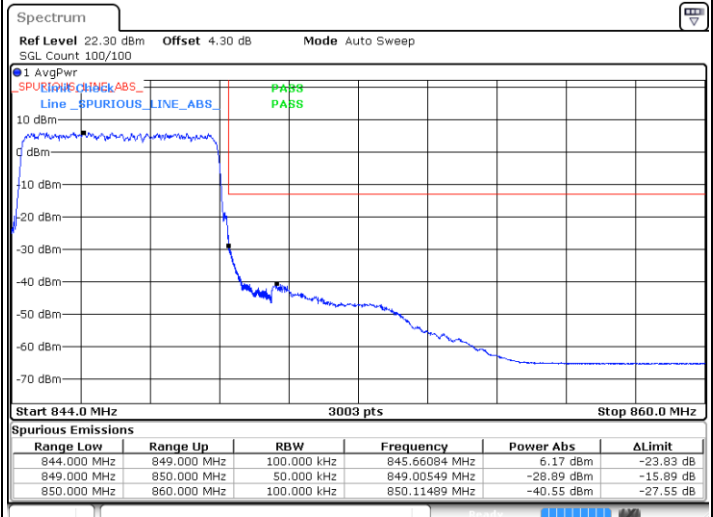
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



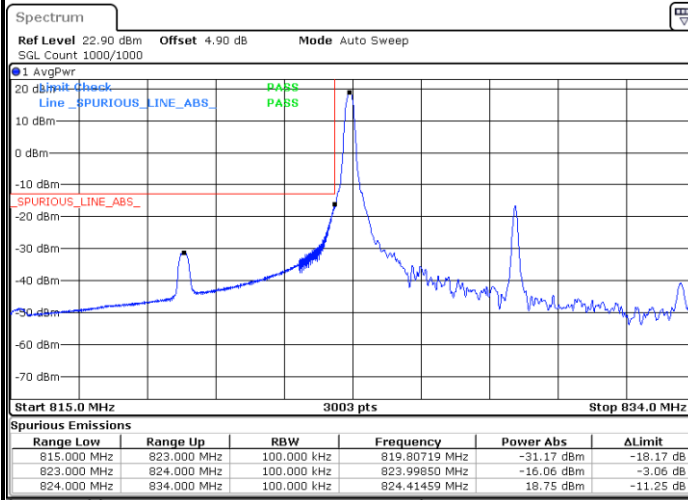
Highest Band Edge / 25RB0



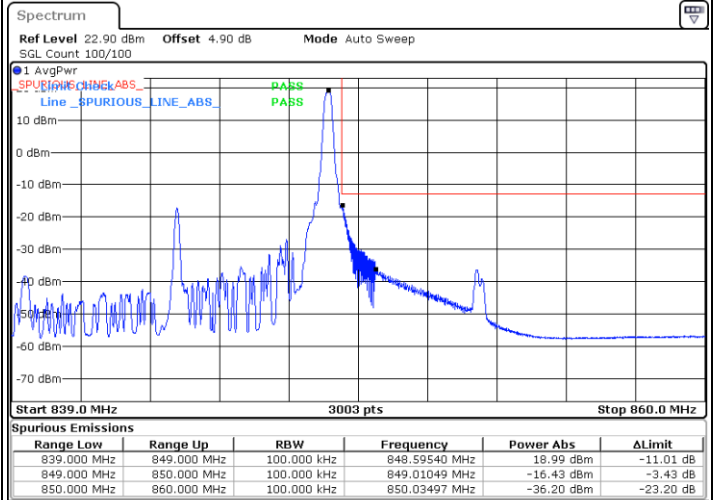


EN-DC_2A_n5A / LTE 20MHz + NR 10MHz / BPSK

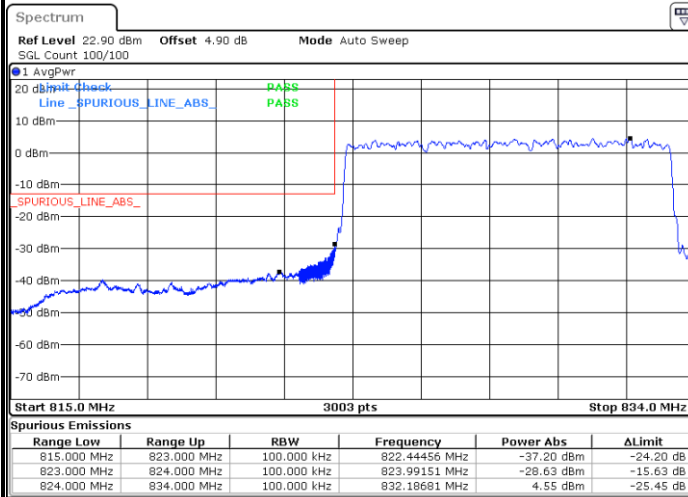
Lowest Band Edge / 1RB0



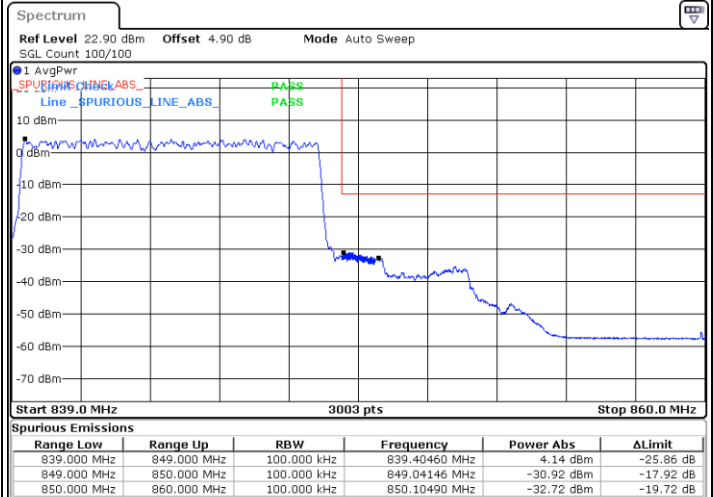
Highest Band Edge / 1RB5



Lowest Band Edge / 50RB0



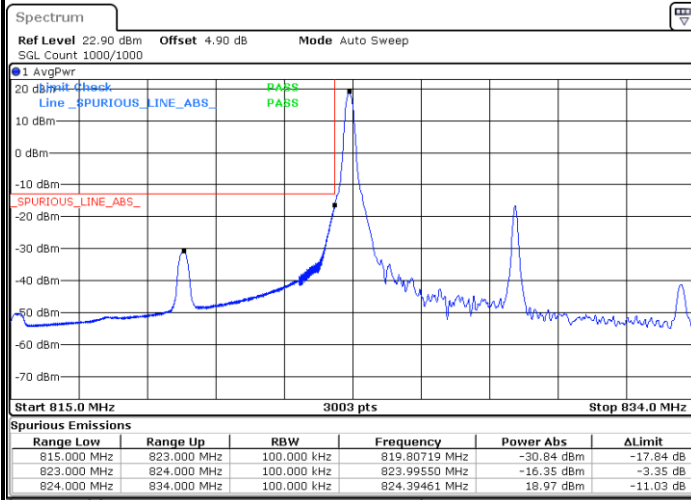
Highest Band Edge / 50RB0



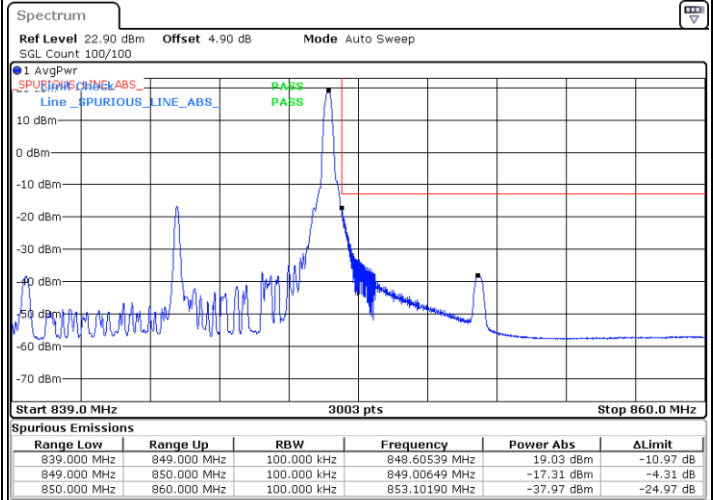


EN-DC_2A_n5A / LTE 20MHz + NR 10MHz / QPSK

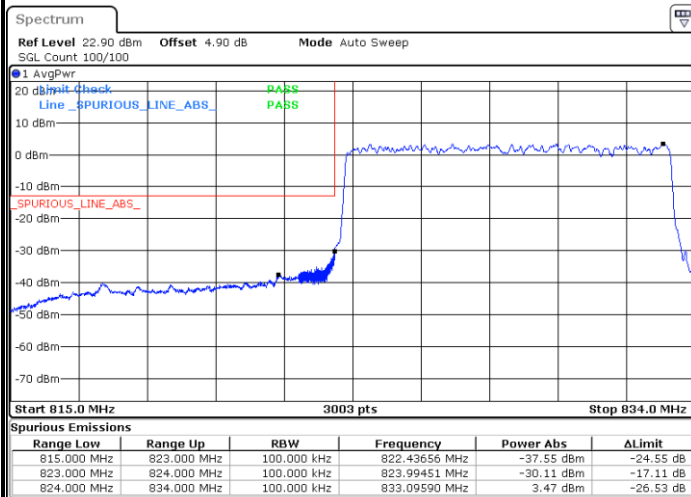
Lowest Band Edge / 1RB0



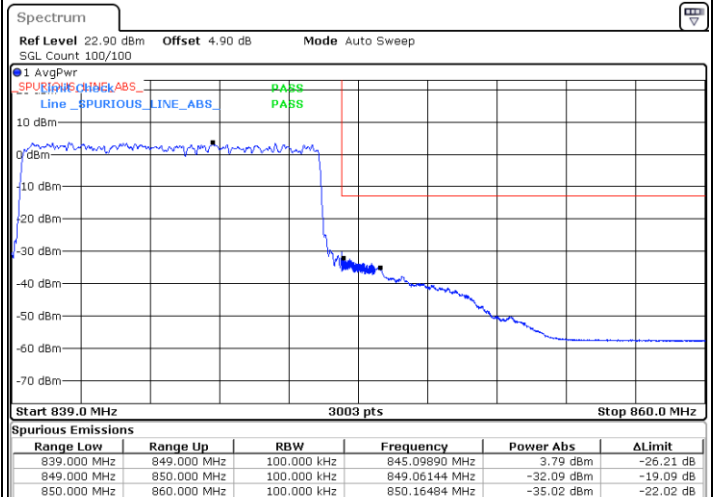
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



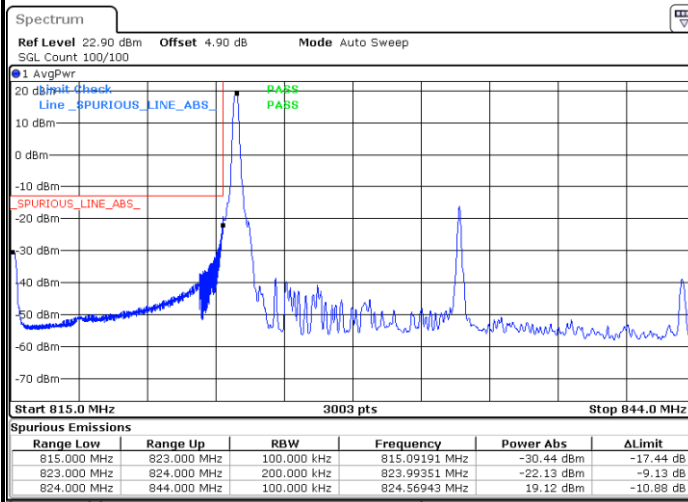
Highest Band Edge / 50RB0



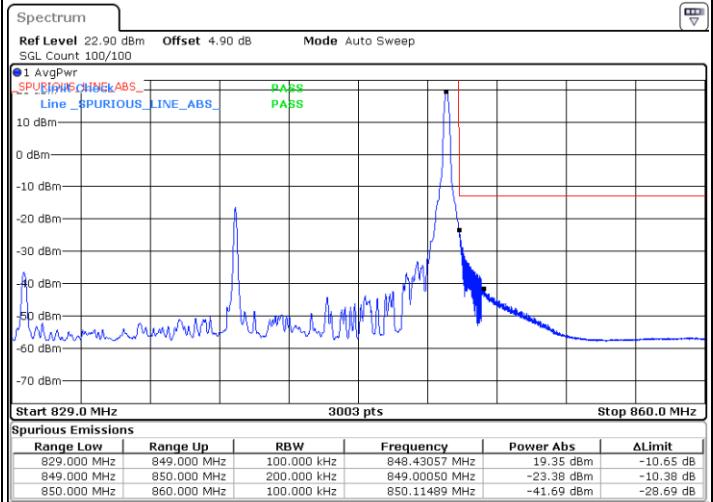


EN-DC_2A_n5A / LTE 20MHz + NR 20MHz / BPSK

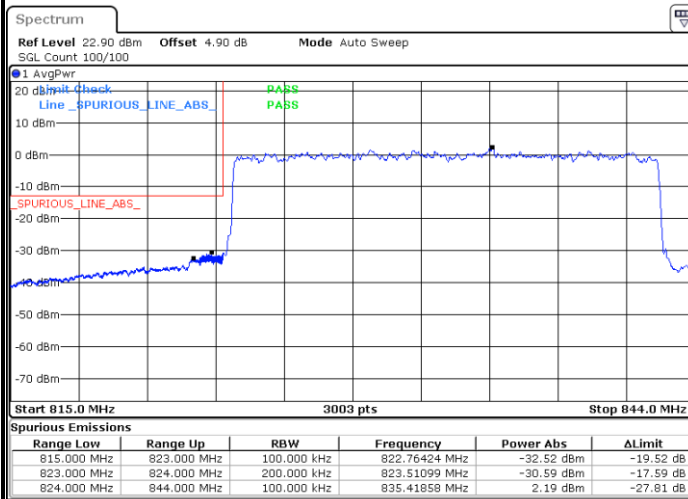
Lowest Band Edge / 1RB0



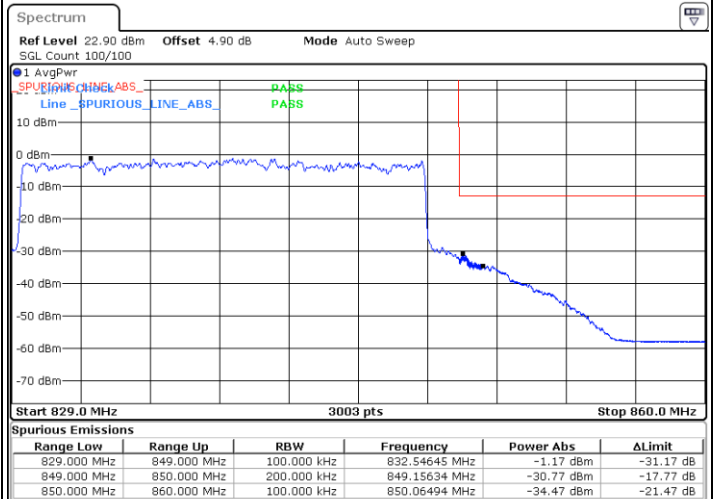
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



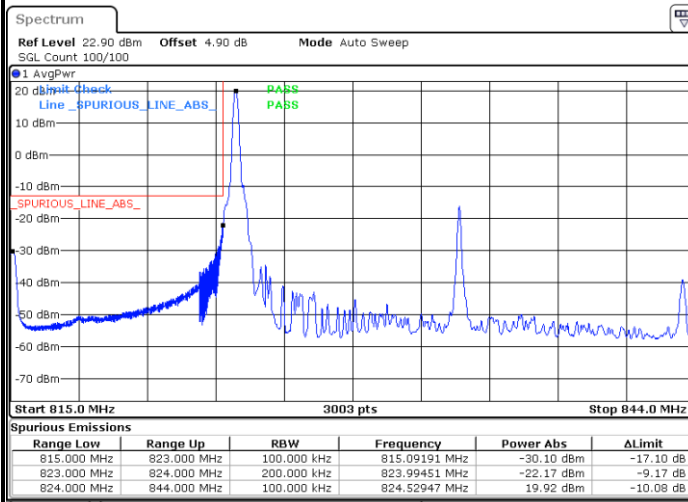
Highest Band Edge / 100RB0



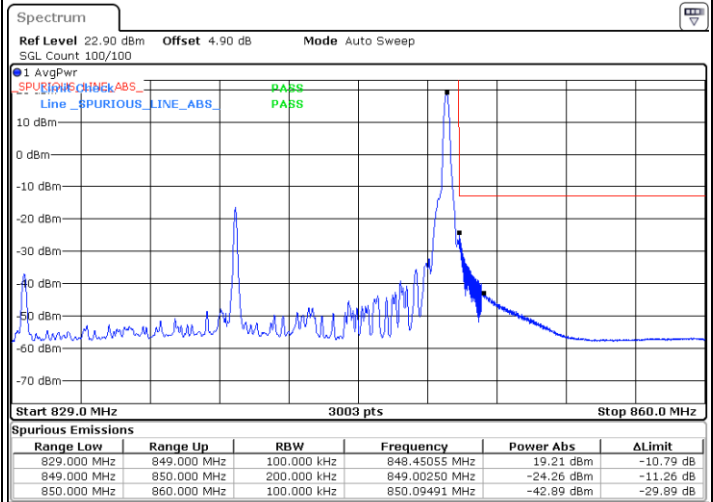


EN-DC_2A_n5A / LTE 20MHz + NR 20MHz / QPSK

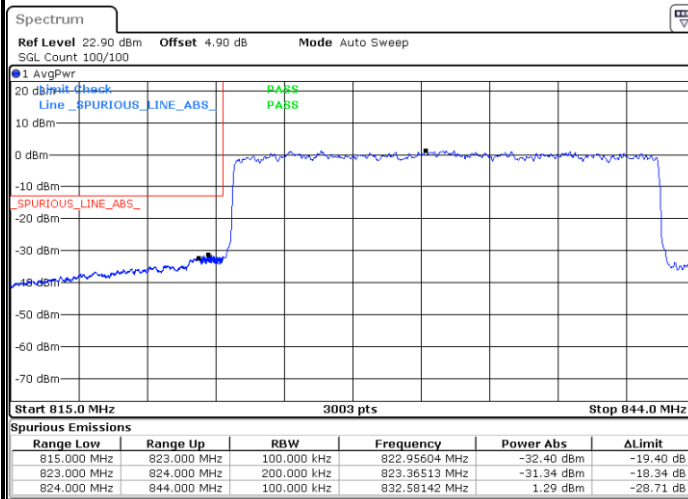
Lowest Band Edge / 1RB0



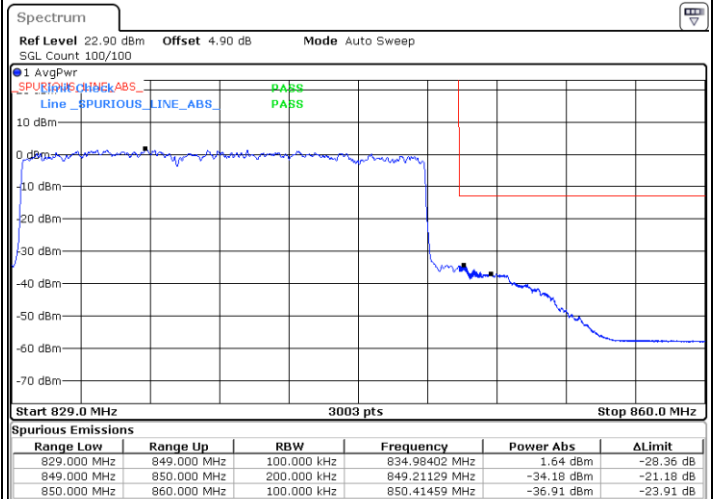
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



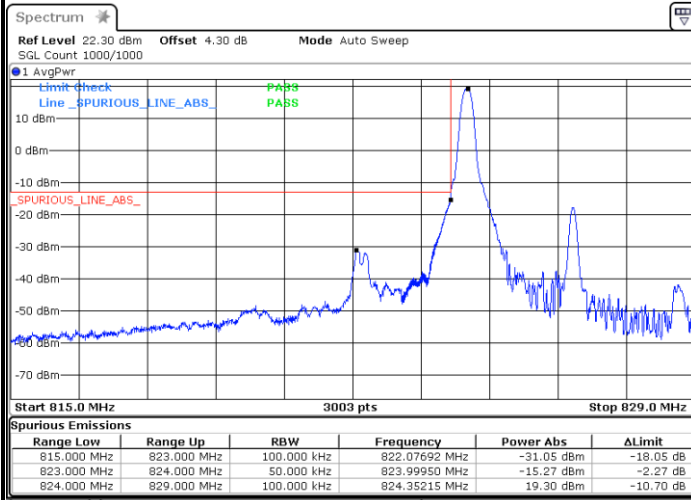
Highest Band Edge / 100RB0



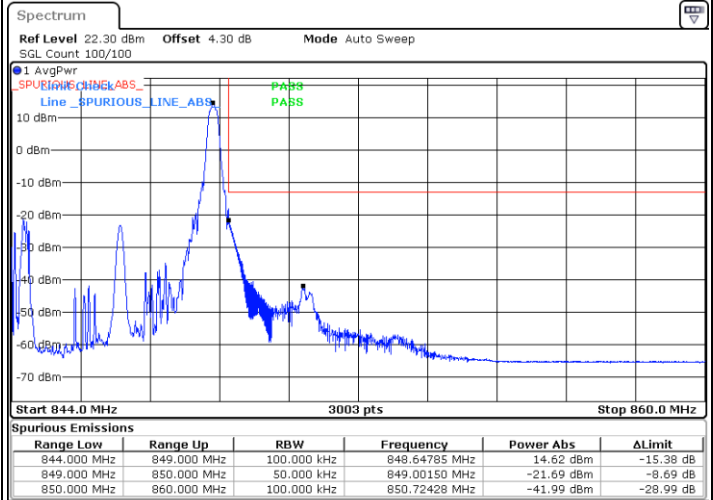


EN-DC_66A_n5A / LTE 20MHz + NR 5MHz / BPSK

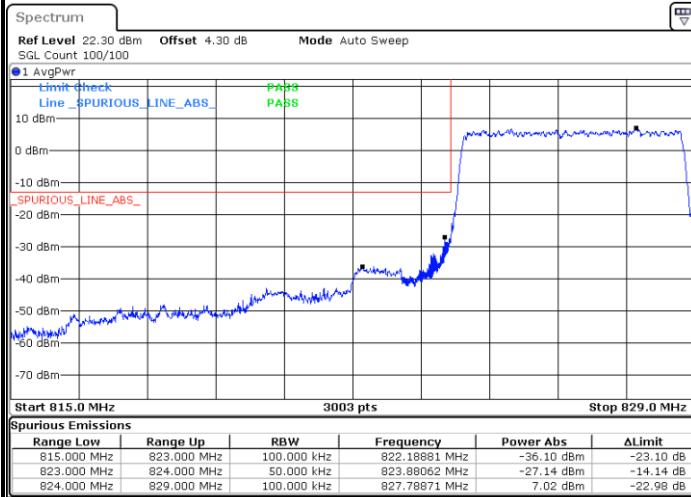
Lowest Band Edge / 1RB0



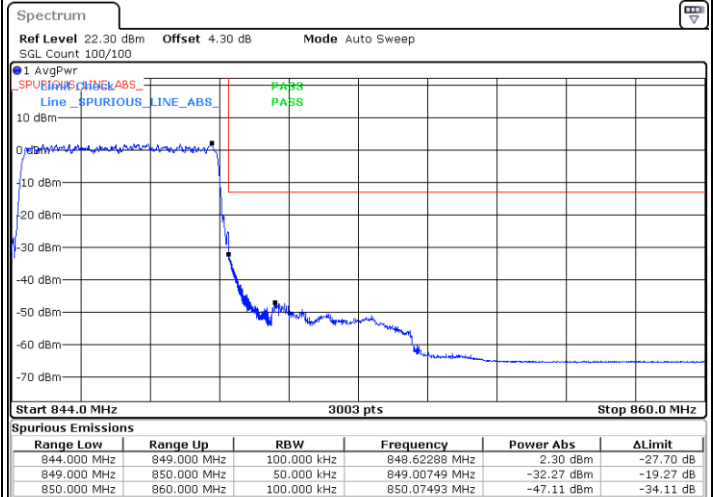
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



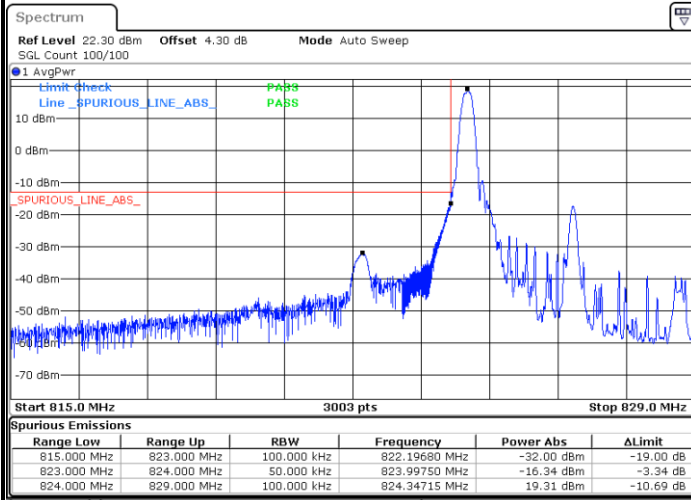
Highest Band Edge / 25RB0



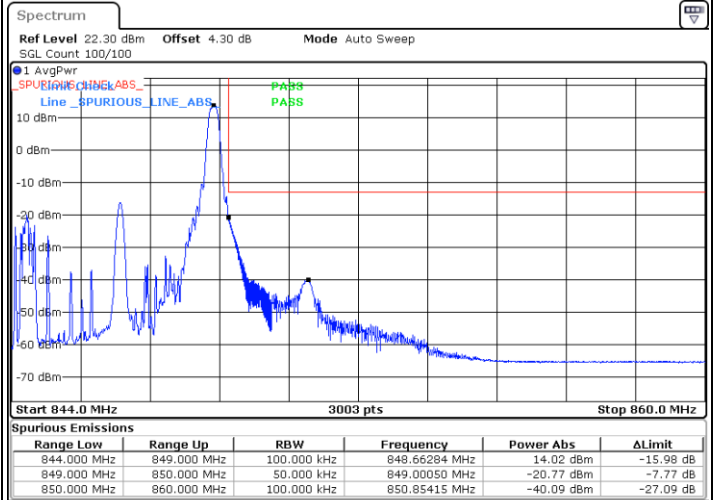


EN-DC_66A_n5A / LTE 20MHz + NR 5MHz / QPSK

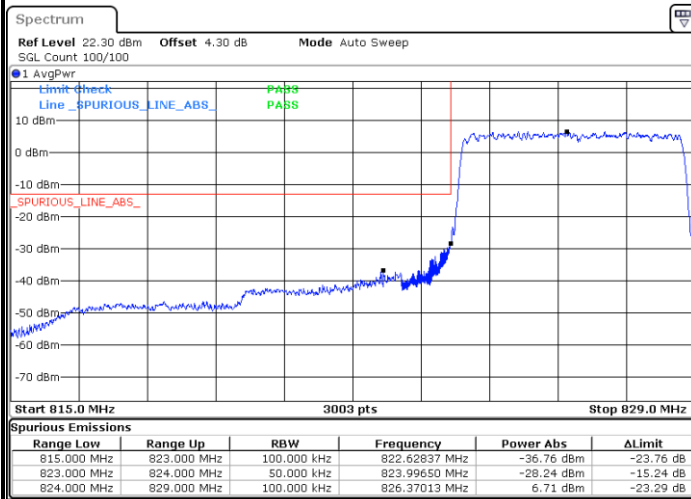
Lowest Band Edge / 1RB0



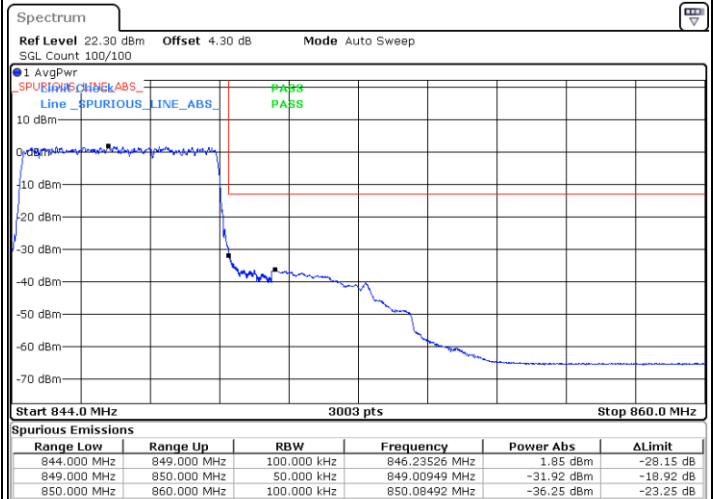
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



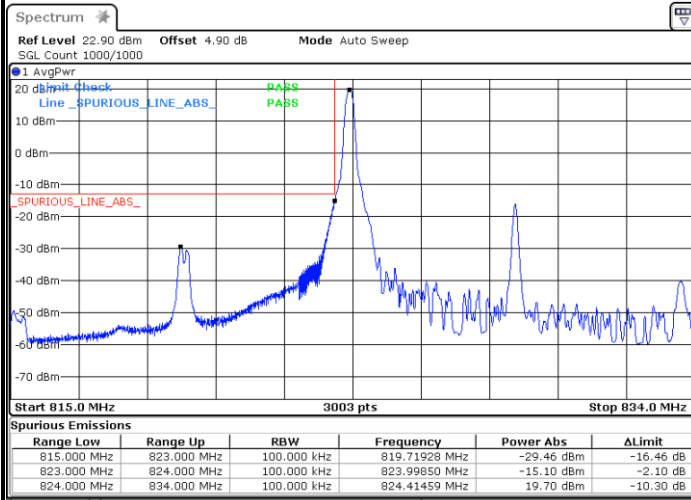
Highest Band Edge / 25RB0



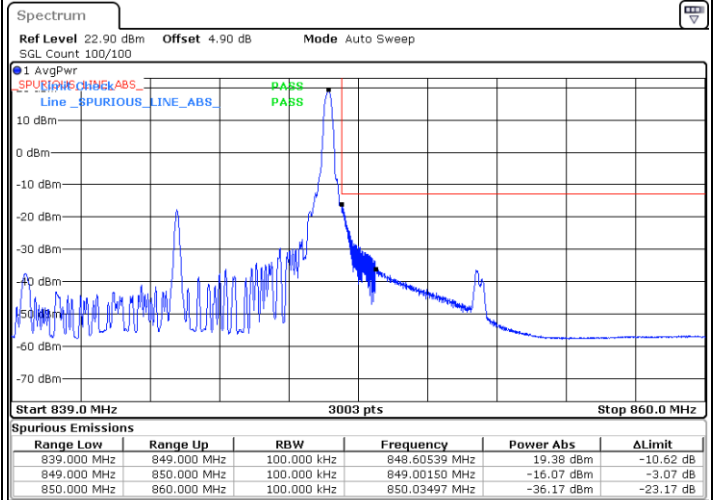


EN-DC_66A_n5A / LTE 20MHz + NR 10MHz / BPSK

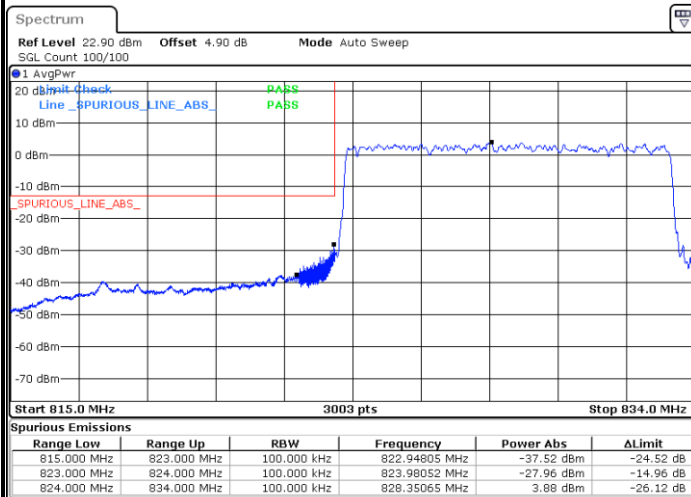
Lowest Band Edge / 1RB0



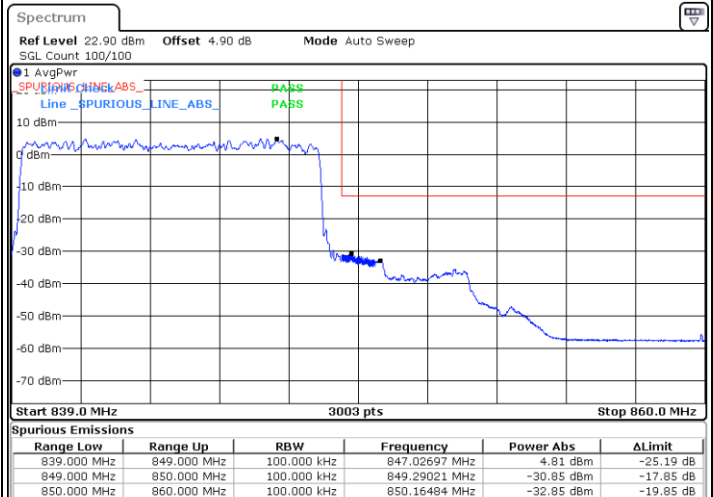
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



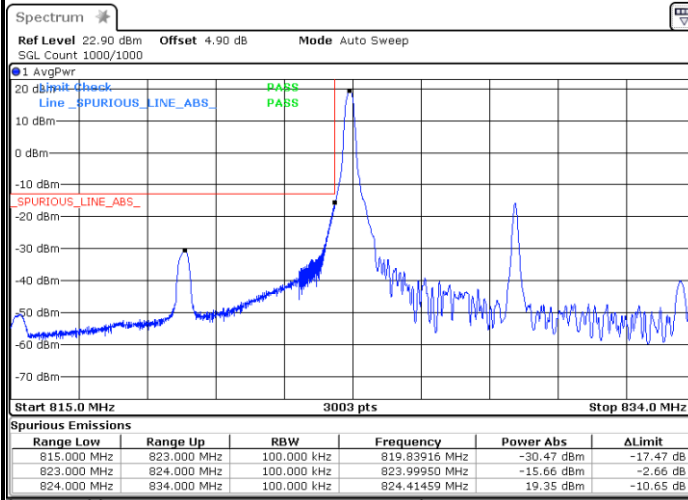
Highest Band Edge / 50RB0



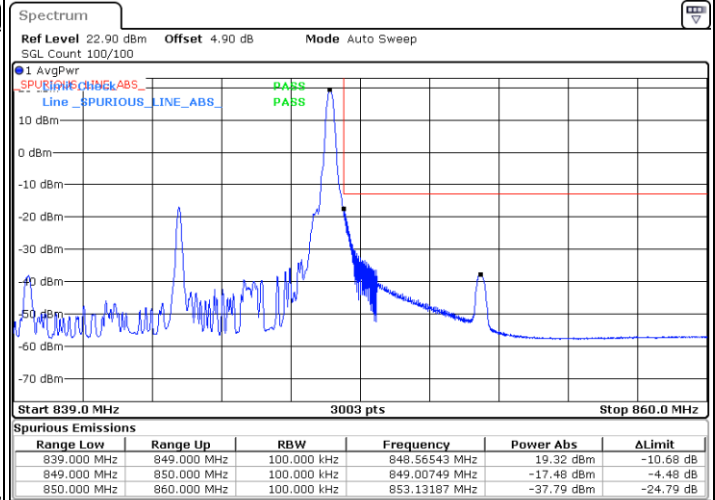


EN-DC_66A_n5A / LTE 20MHz + NR 10MHz / QPSK

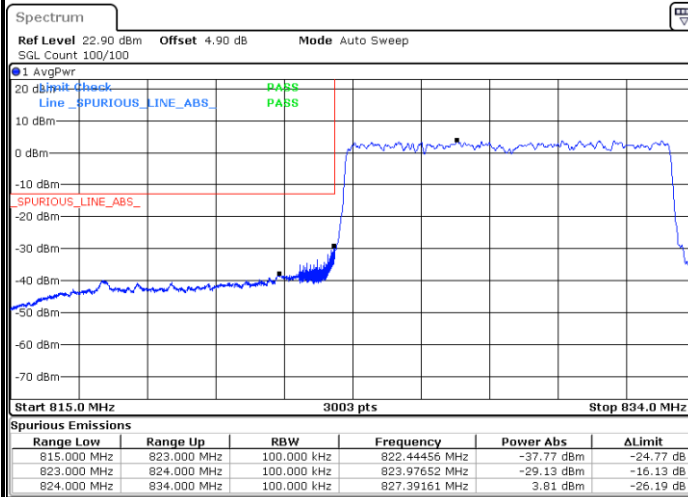
Lowest Band Edge / 50RB0



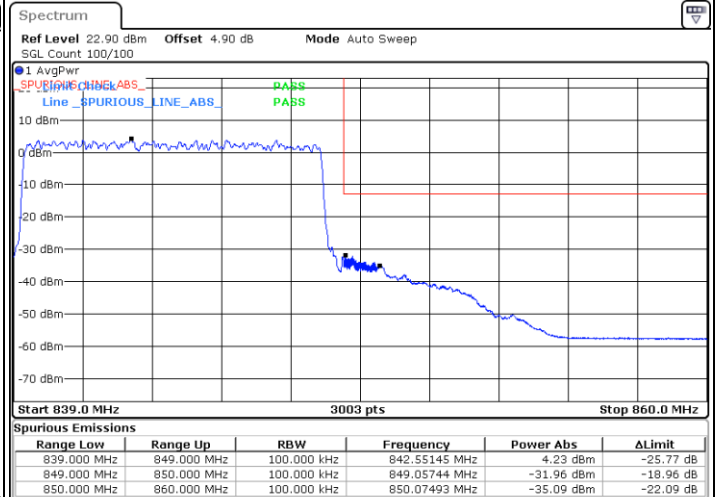
Highest Band Edge / 50RB0



Lowest Band Edge / Full RB



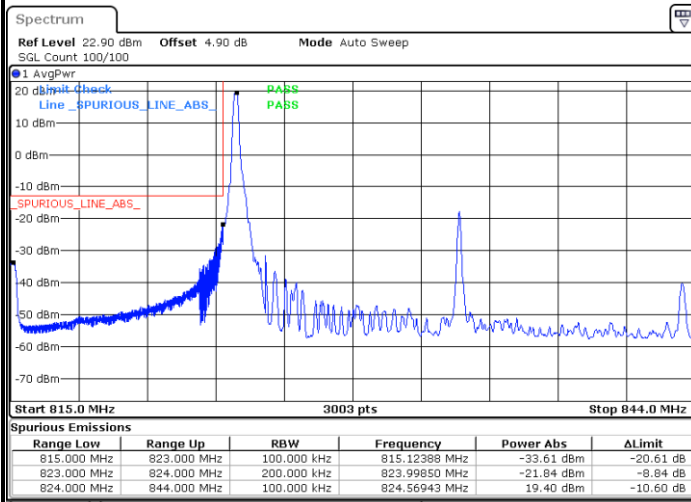
Highest Band Edge / Full RB



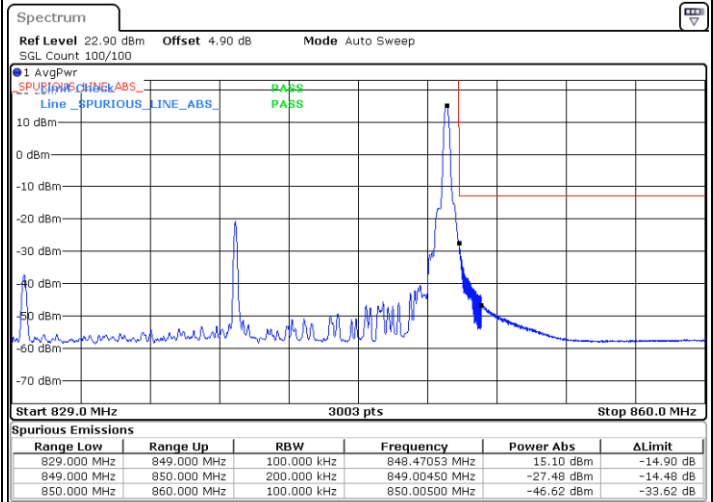


EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / BPSK

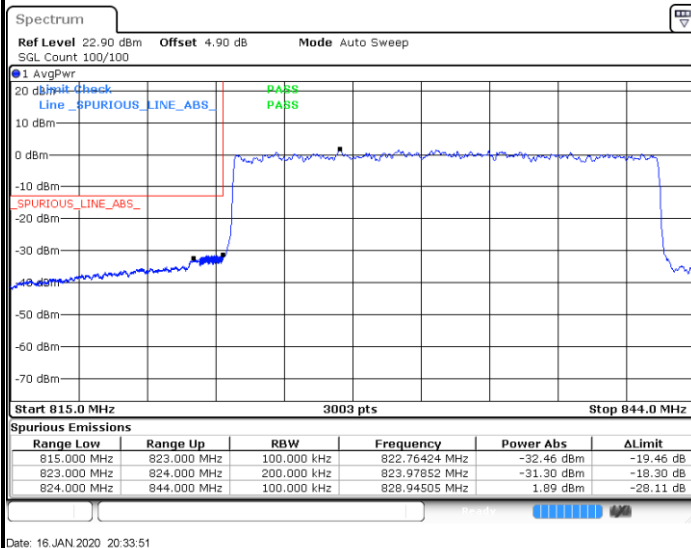
Lowest Band Edge / 1RB0



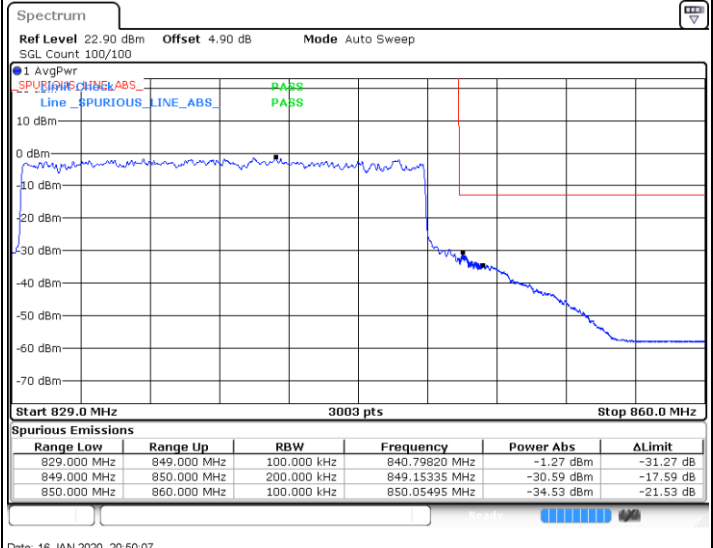
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



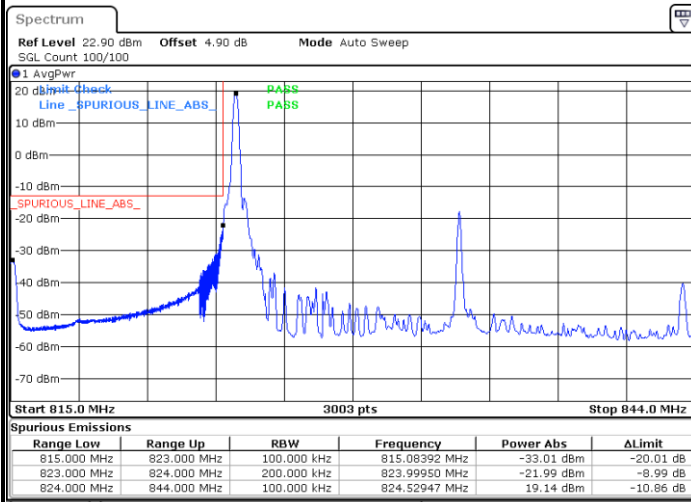
Highest Band Edge / 100RB0



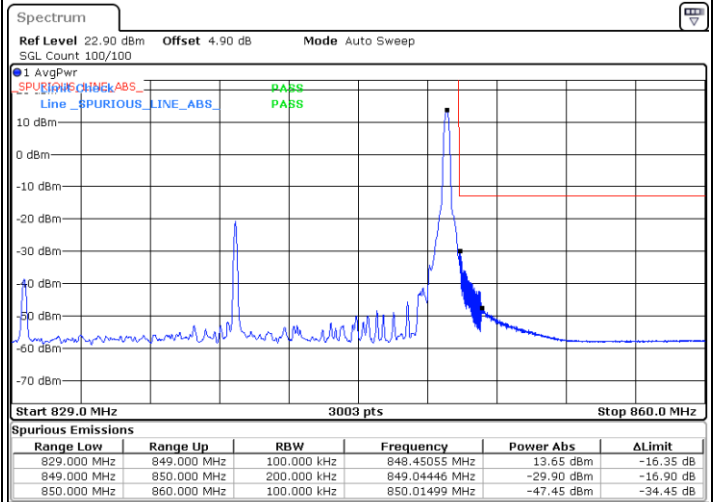


EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / QPSK

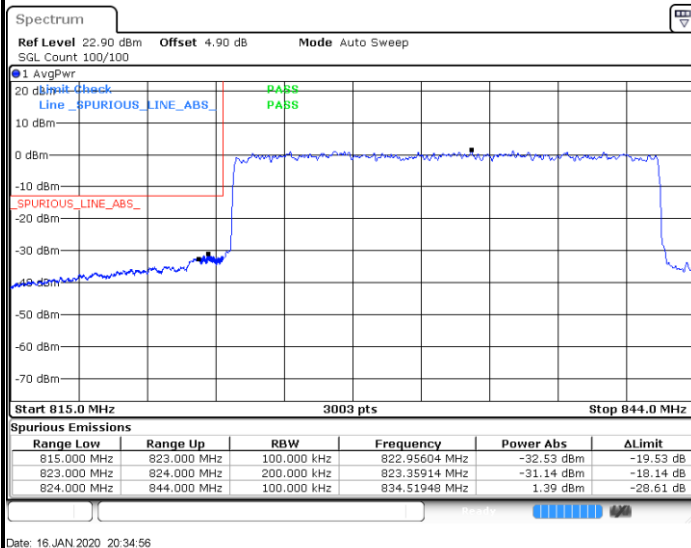
Lowest Band Edge / 1RB0



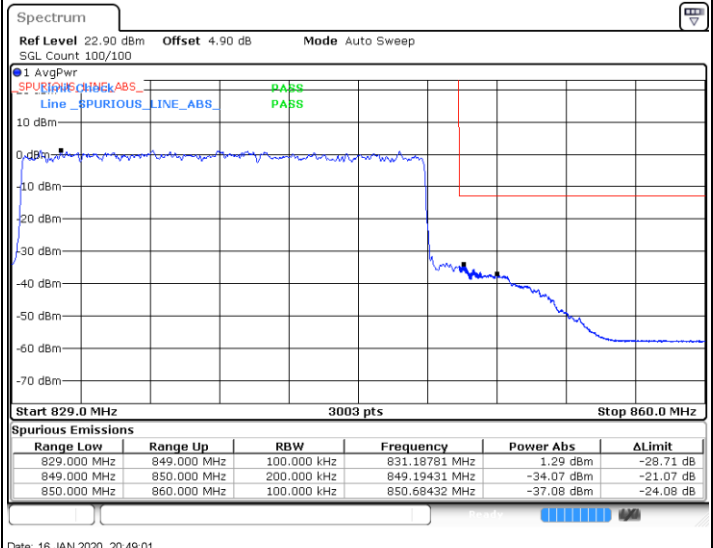
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



Highest Band Edge / 100RB0

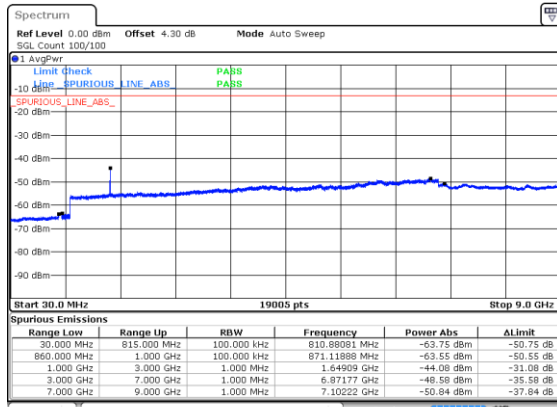




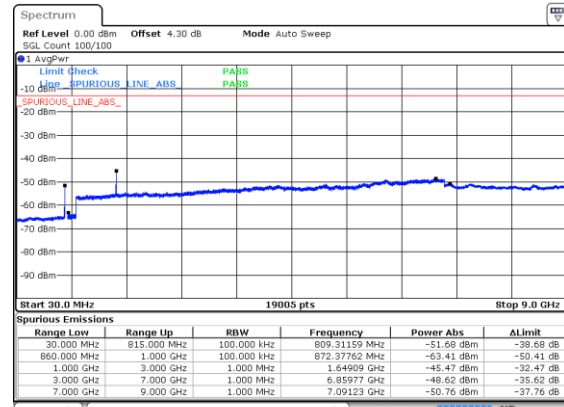
Conducted Spurious Emission

EN-DC_2A_n5A / LTE 20MHz + NR 5MHz

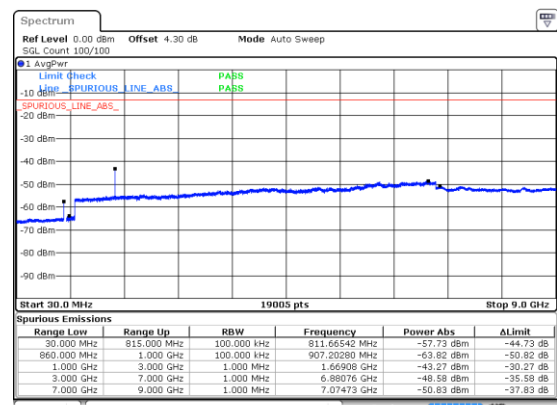
Lowest Channel / BPSK



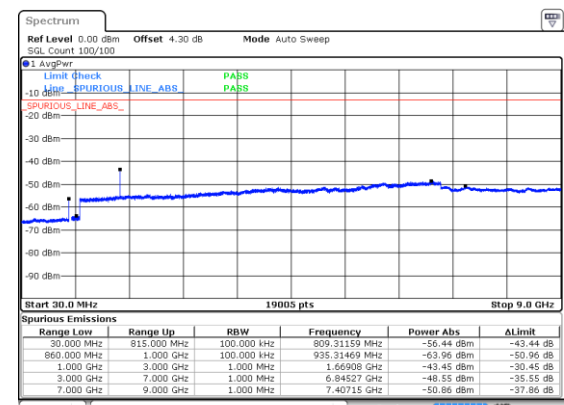
Lowest Channel / QPSK



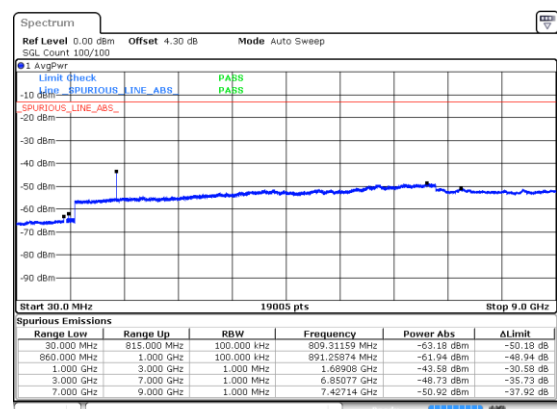
Middle Channel / BPSK



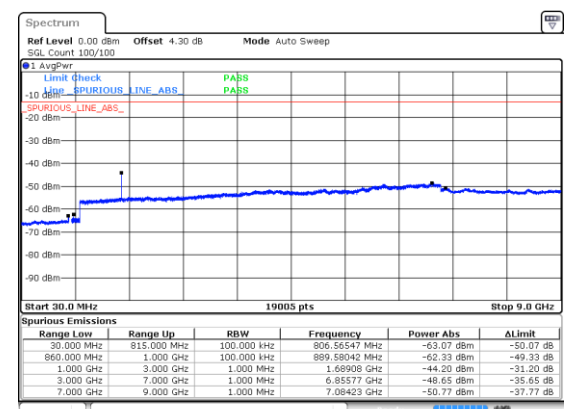
Middle Channel / QPSK



Highest Channel / BPSK



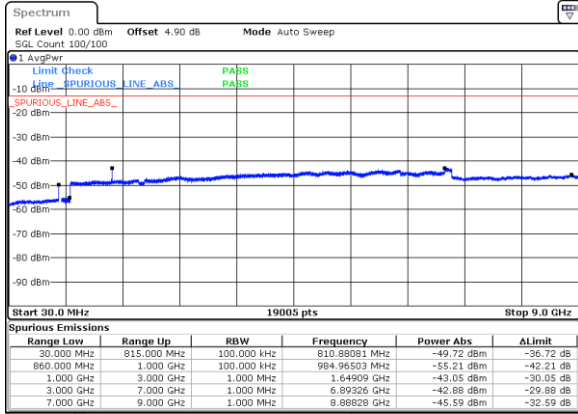
Highest Channel / QPSK





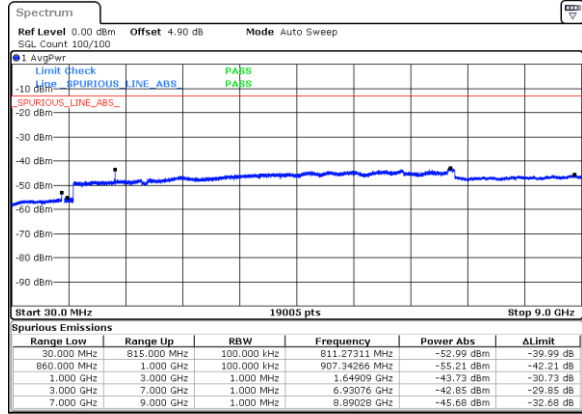
EN-DC_2A_n5A / LTE 20MHz + NR 10MHz

Lowest Channel / BPSK



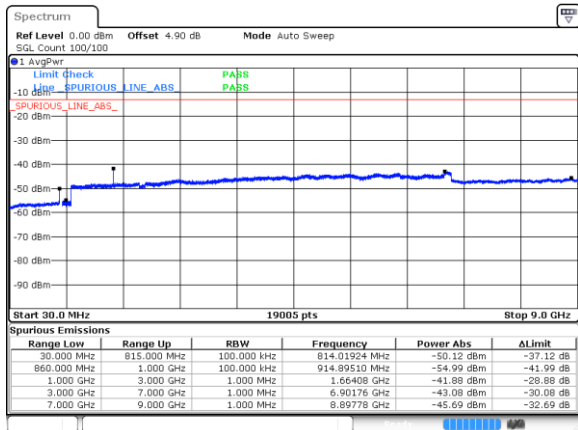
Date: 16 JAN 2020 19:44:27

Lowest Channel / QPSK



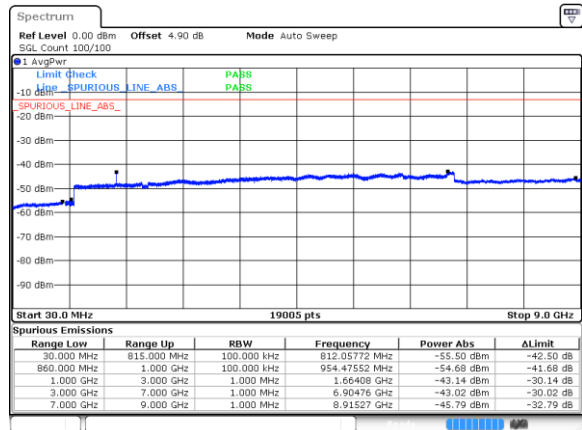
Date: 16 JAN 2020 19:48:02

Middle Channel / BPSK



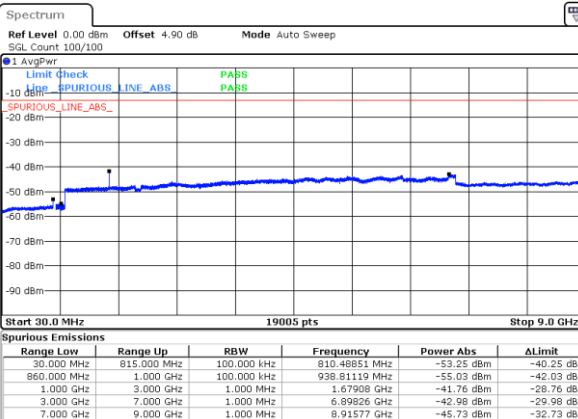
Date: 16 JAN 2020 19:53:21

Middle Channel / QPSK



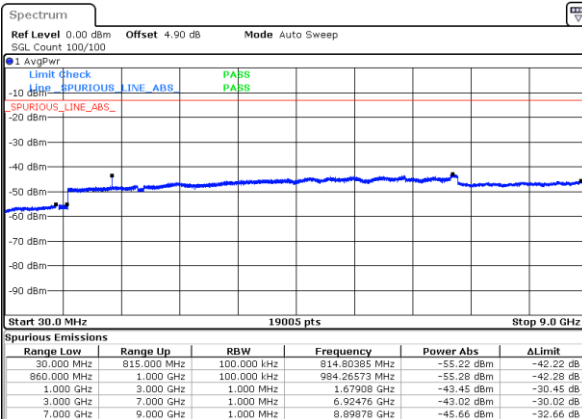
Date: 16 JAN 2020 19:51:03

Highest Channel / BPSK



Date: 16 JAN 2020 19:56:10

Highest Channel / QPSK

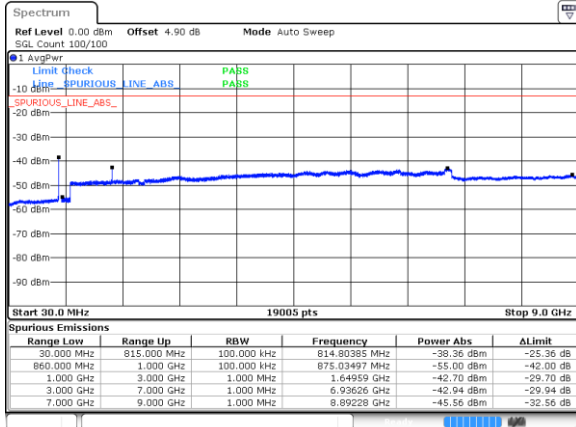


Date: 16 JAN 2020 19:58:12

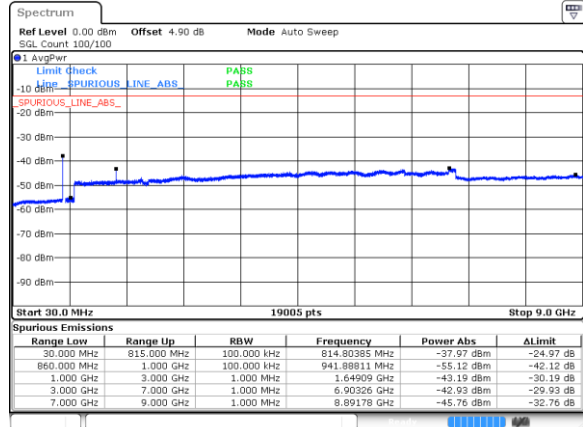


EN-DC_2A_n5A / LTE 20MHz + NR 20MHz

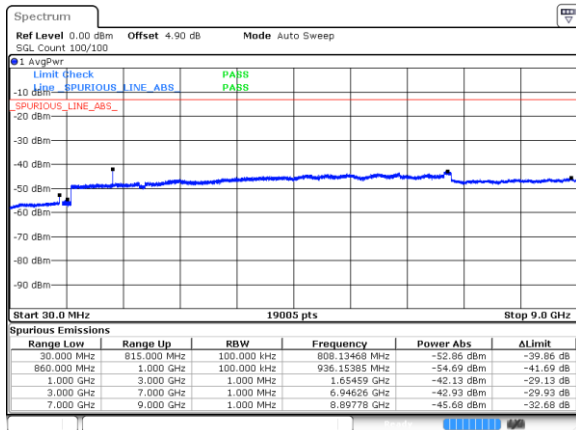
Lowest Channel / BPSK



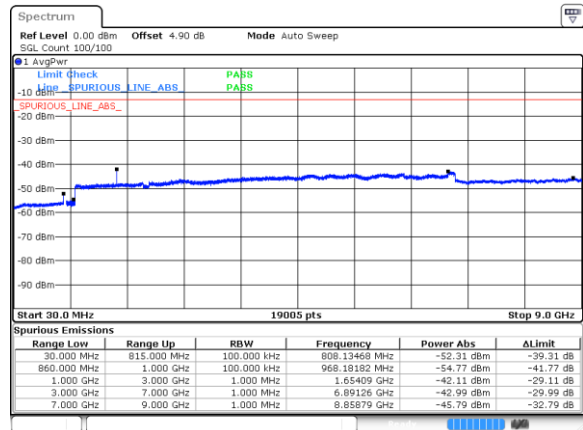
Lowest Channel / QPSK



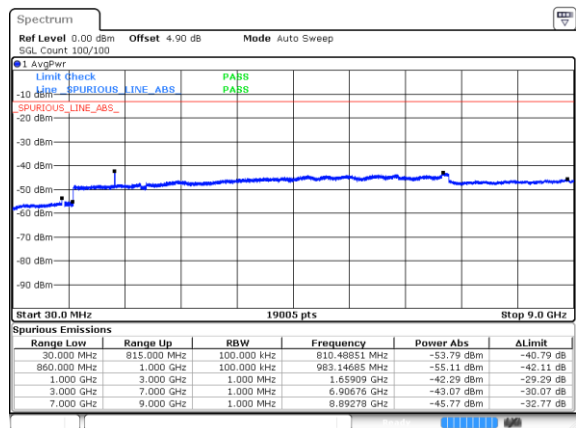
Middle Channel / BPSK



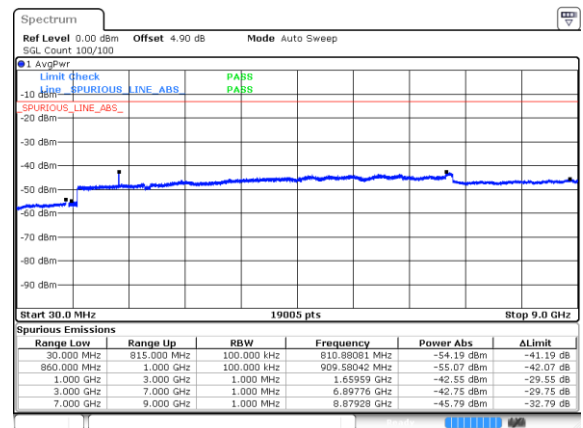
Middle Channel / QPSK



Highest Channel / BPSK



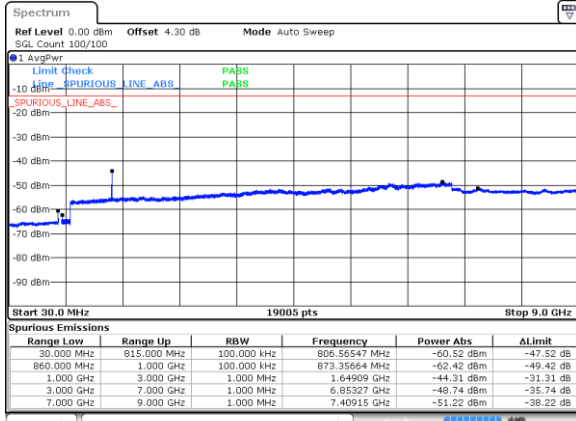
Highest Channel / QPSK





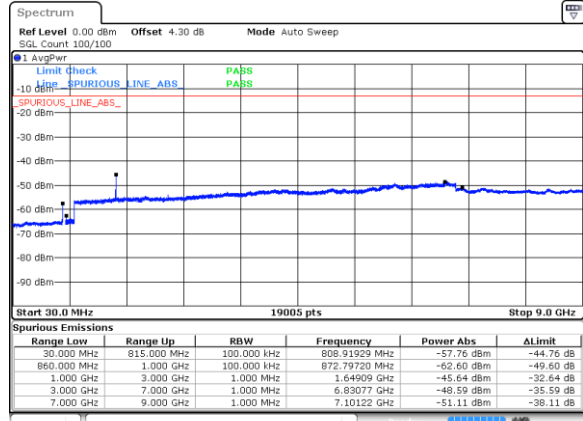
EN-DC_66A_n5A / LTE 20MHz + NR 5MHz

Lowest Channel / BPSK



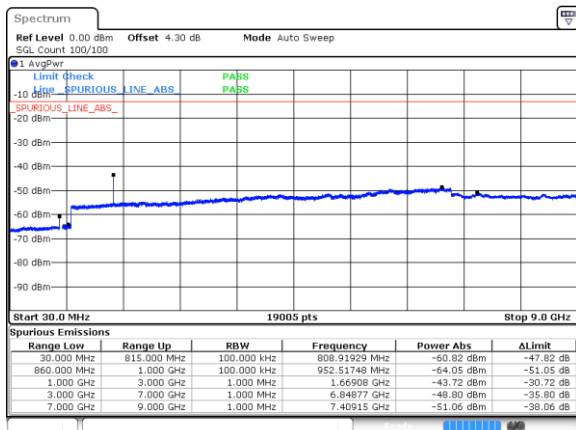
Date: 18 JAN 2020 20:03:41

Lowest Channel / QPSK



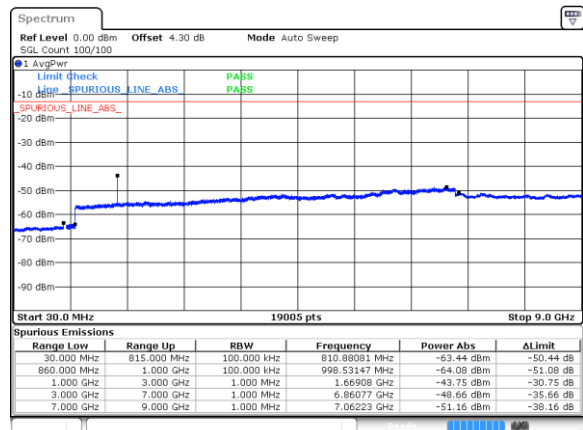
Date: 18 JAN 2020 20:15:19

Middle Channel / BPSK



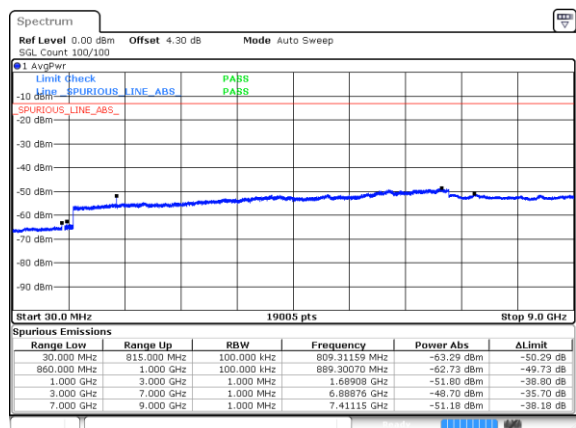
Date: 18 JAN 2020 20:23:42

Middle Channel / QPSK



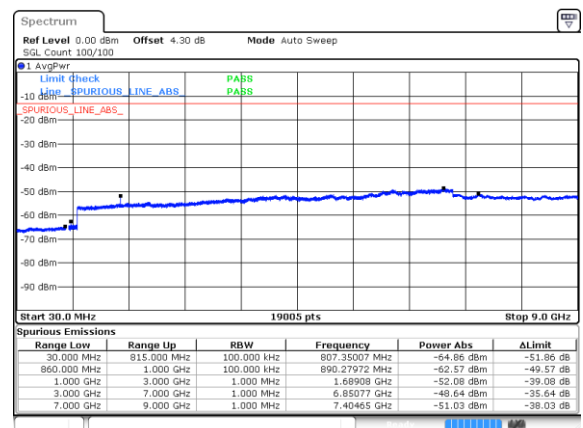
Date: 18 JAN 2020 20:20:57

Highest Channel / BPSK



Date: 18 JAN 2020 20:35:19

Highest Channel / QPSK

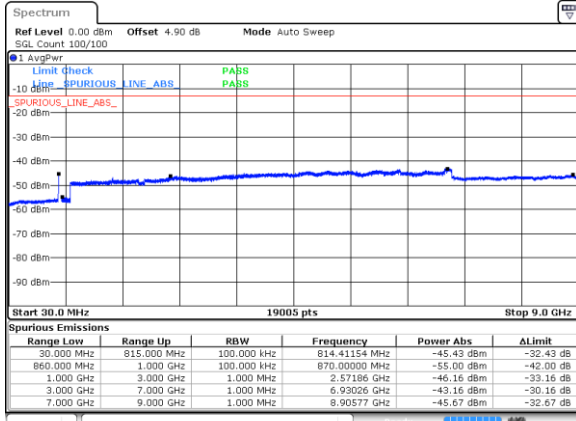


Date: 18 JAN 2020 20:40:13



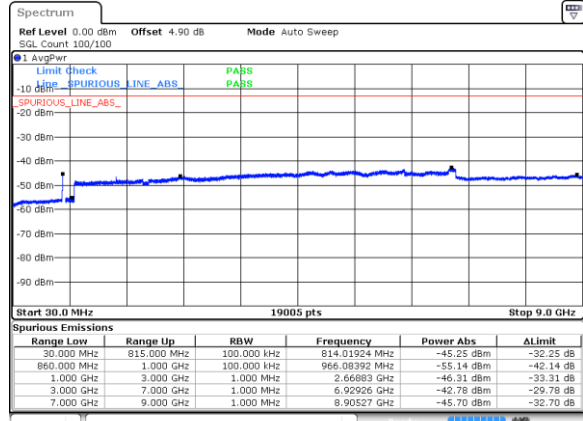
EN-DC_66A_n5A / LTE 20MHz + NR 10MHz

Lowest Channel / BPSK



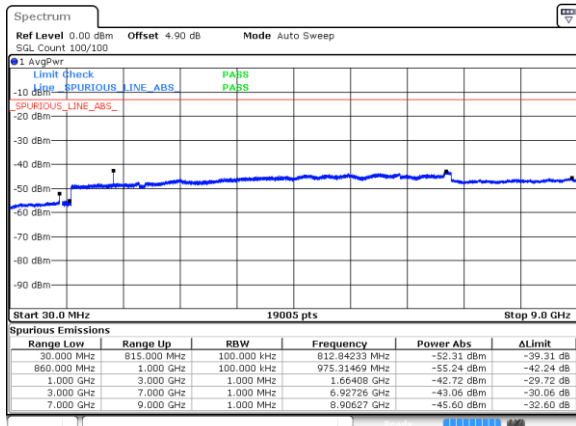
Date: 16 JAN 2020 21:51:18

Lowest Channel / QPSK



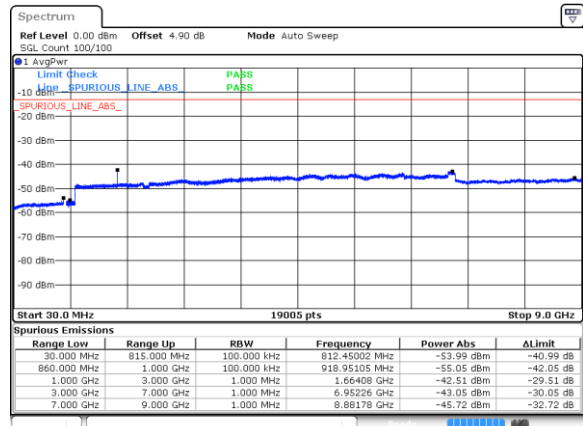
Date: 16 JAN 2020 21:45:38

Middle Channel / BPSK



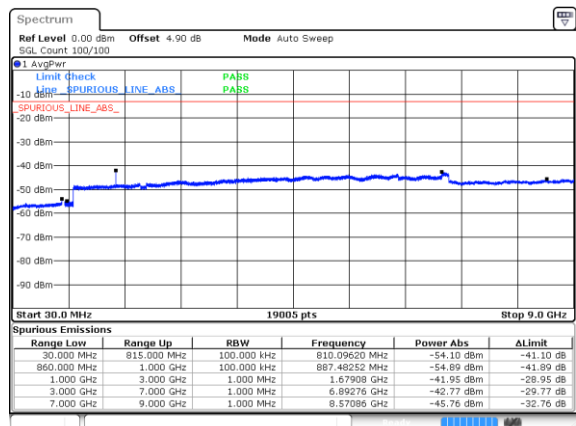
Date: 16 JAN 2020 22:03:10

Middle Channel / QPSK



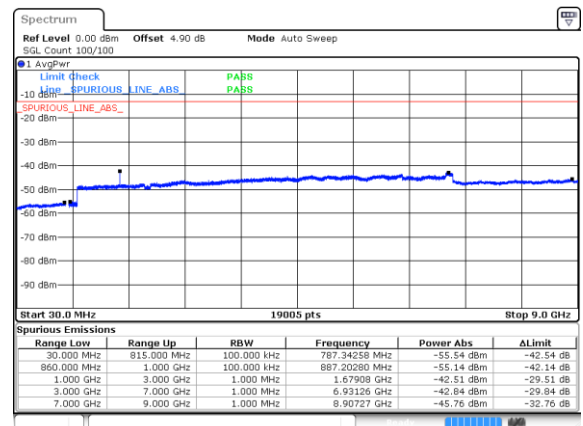
Date: 16 JAN 2020 21:58:56

Highest Channel / BPSK



Date: 16 JAN 2020 22:13:01

Highest Channel / QPSK

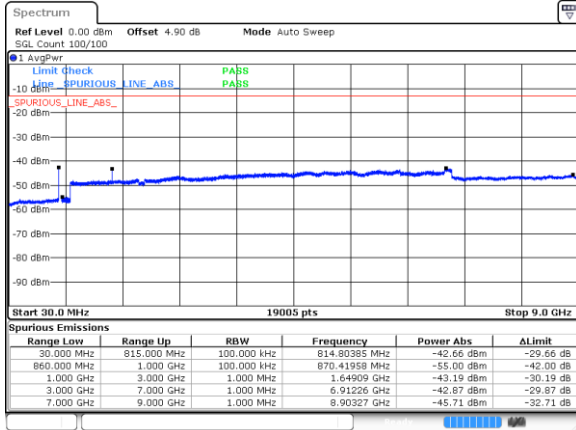


Date: 16 JAN 2020 22:16:39

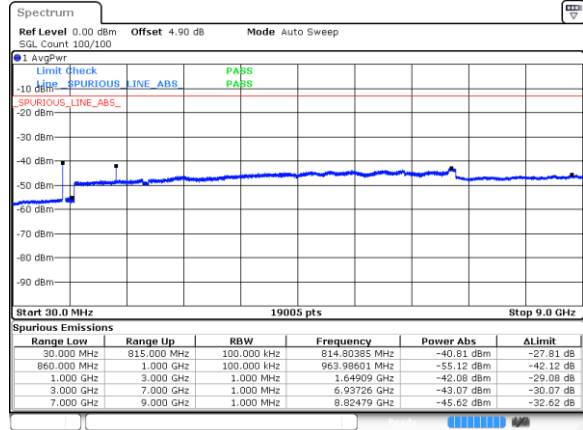


EN-DC_66A_n5A / LTE 20MHz + NR 20MHz

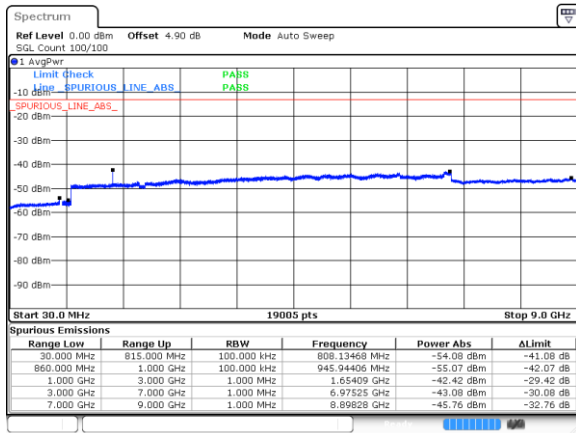
Lowest Channel / BPSK



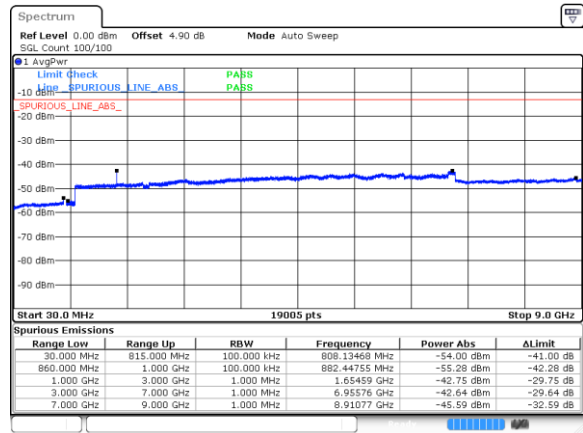
Lowest Channel / QPSK



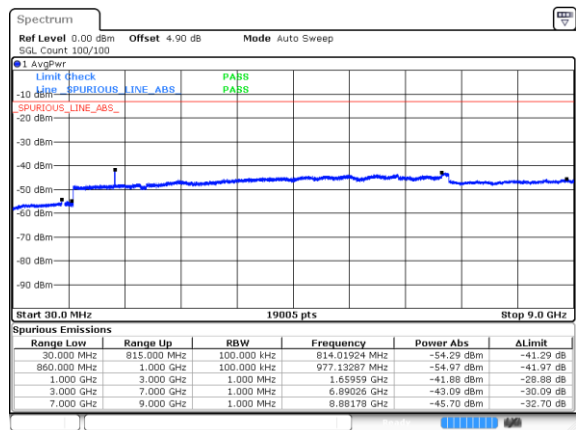
Middle Channel / BPSK



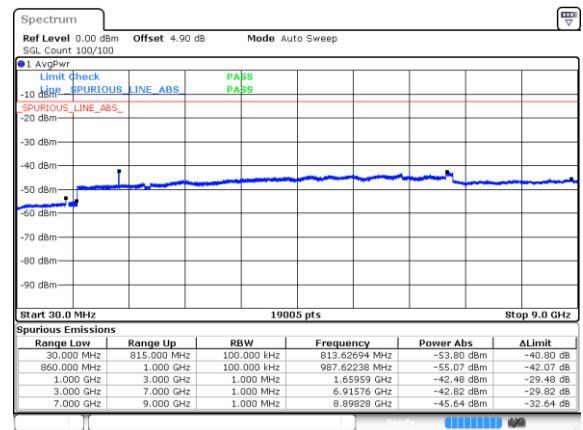
Middle Channel / QPSK



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	0.0017	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0011	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0002	
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.

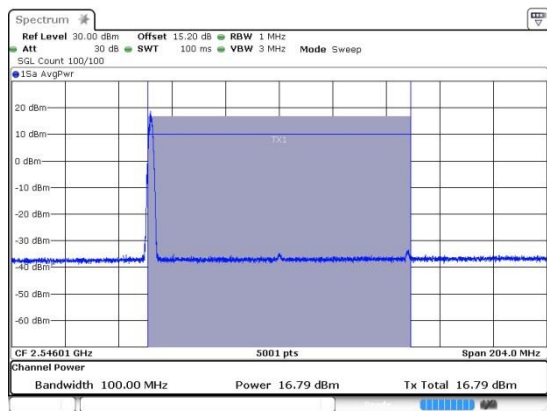


5G NR n41

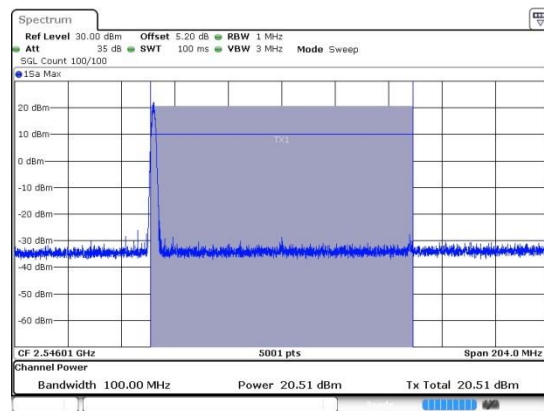
Peak-to-Average Ratio

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

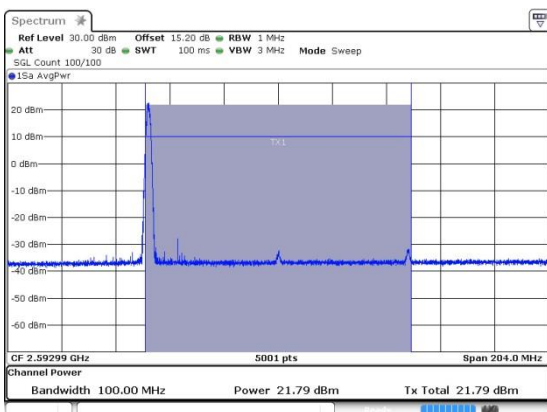
Lowest Channel / 1RB / Average



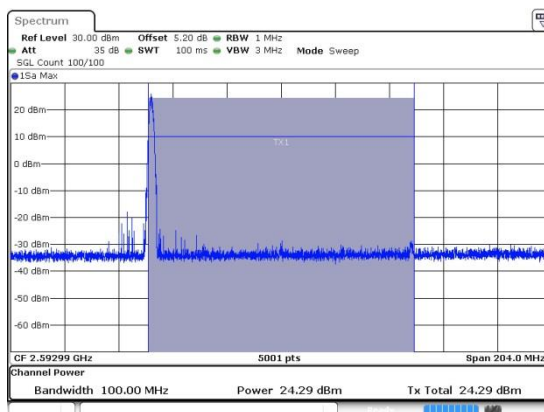
Lowest Channel / 1RB / Peak



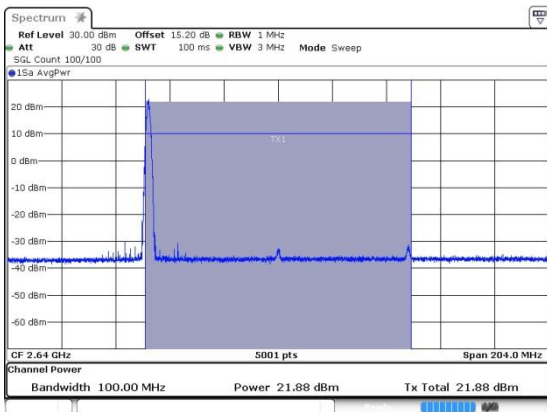
Middle Channel / 1RB / Average



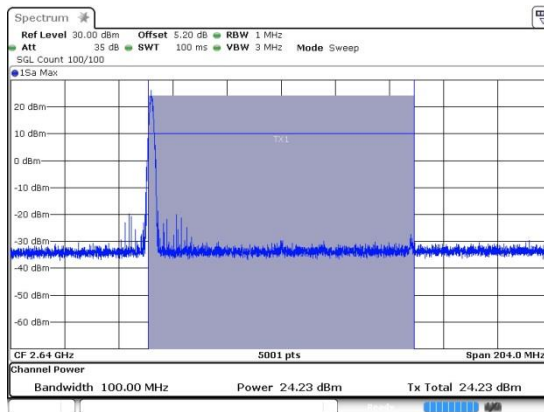
Middle Channel / 1RB / Peak



Highest Channel / 1RB / Average



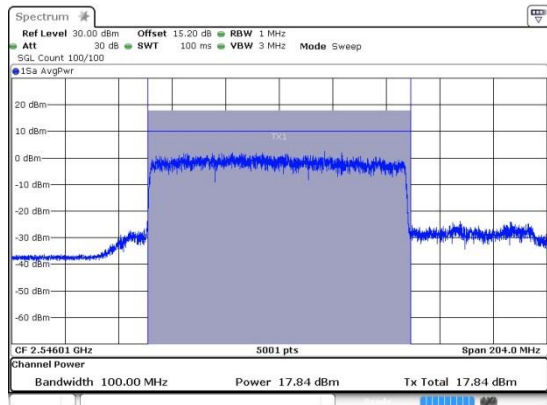
Highest Channel / 1RB / Peak



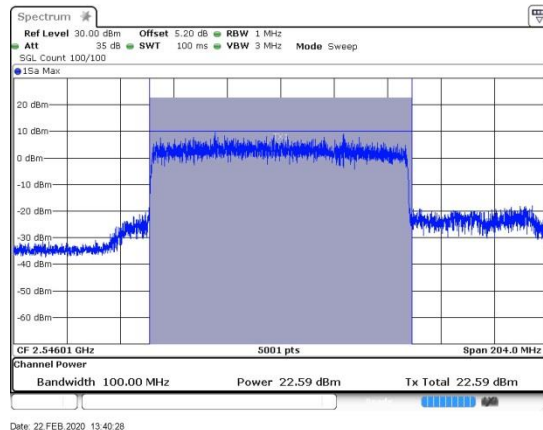


EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / BPSK

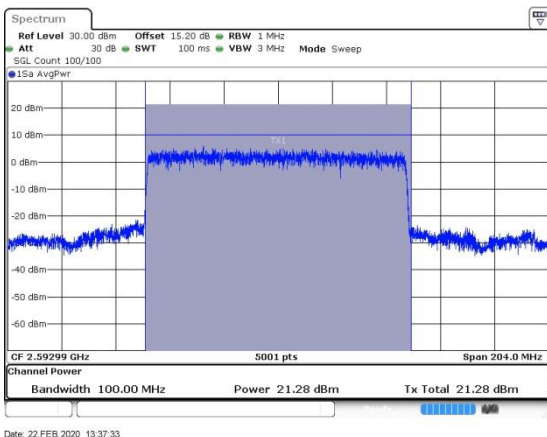
Lowest Channel / Full RB / Average



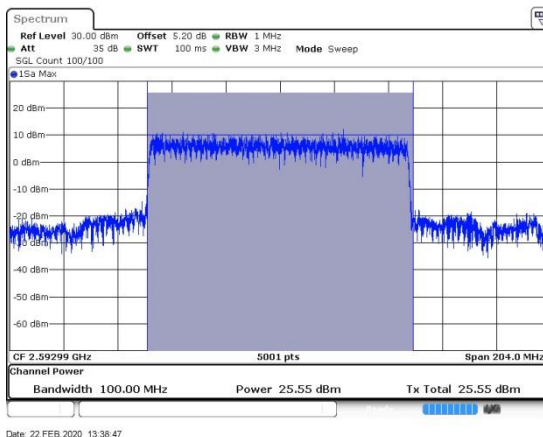
Lowest Channel / Full RB / Peak



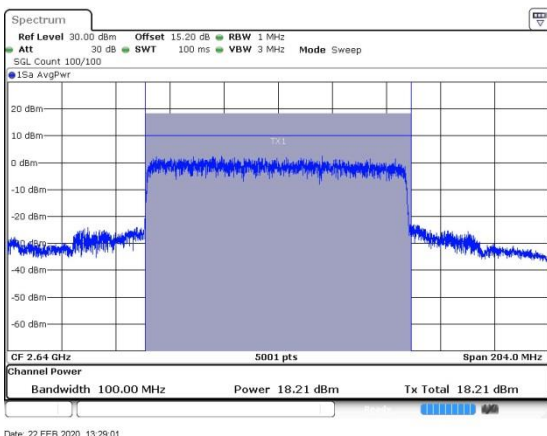
Middle Channel / Full RB / Average



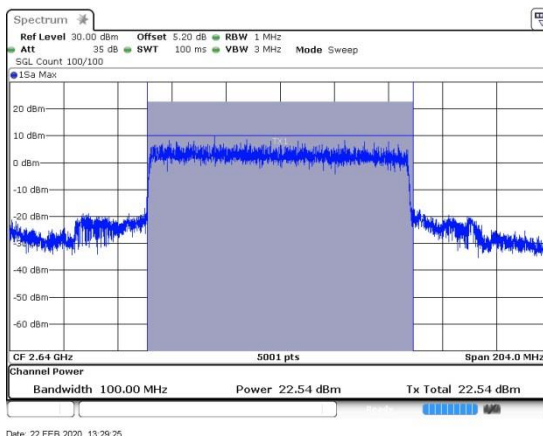
Middle Channel / Full RB / Peak



Highest Channel / Full RB / Average



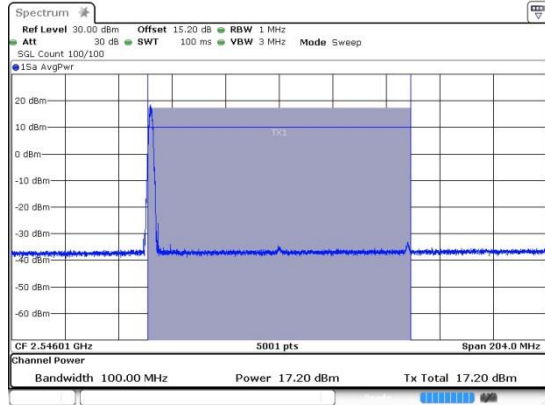
Highest Channel / Full RB / Peak





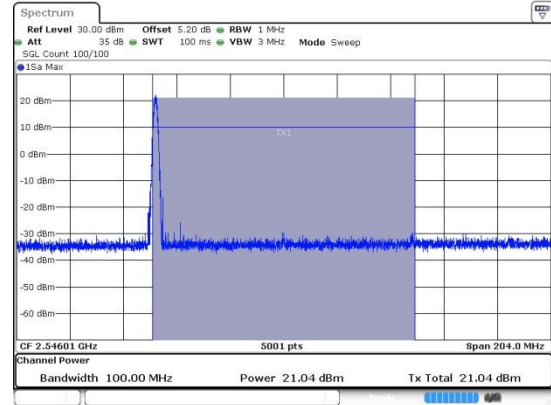
EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / QPSK

Lowest Channel / 1RB / Average



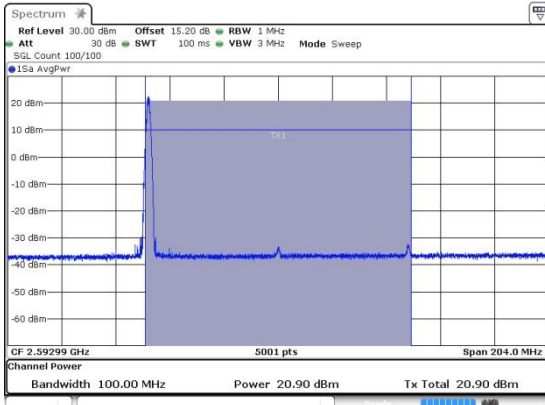
Date: 22 FEB 2020 13:44:46

Lowest Channel / 1RB / Peak



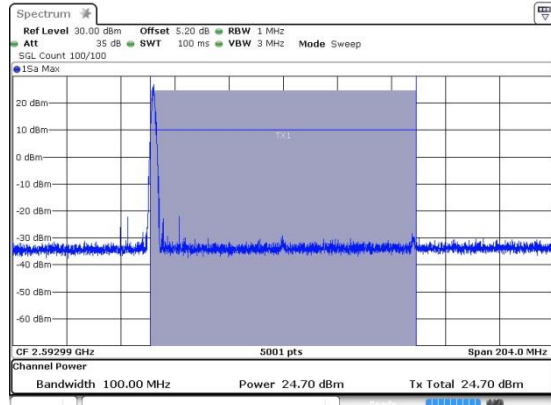
Date: 22 FEB 2020 13:44:24

Middle Channel / 1RB / Average



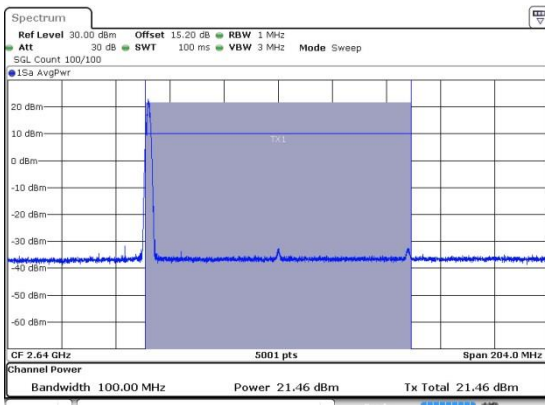
Date: 22 FEB 2020 13:33:07

Middle Channel / 1RB / Peak



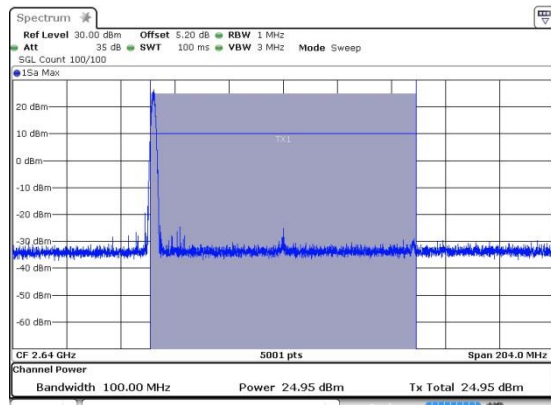
Date: 22 FEB 2020 13:32:41

Highest Channel / 1RB / Average



Date: 22 FEB 2020 13:30:48

Highest Channel / 1RB / Peak



Date: 22 FEB 2020 13:31:09