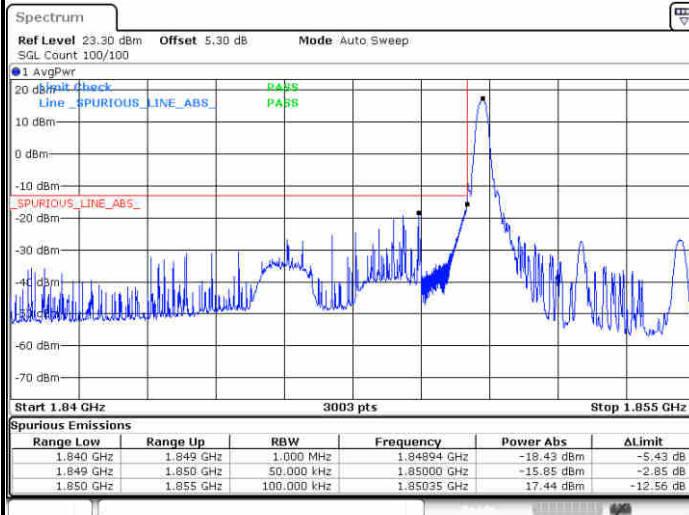


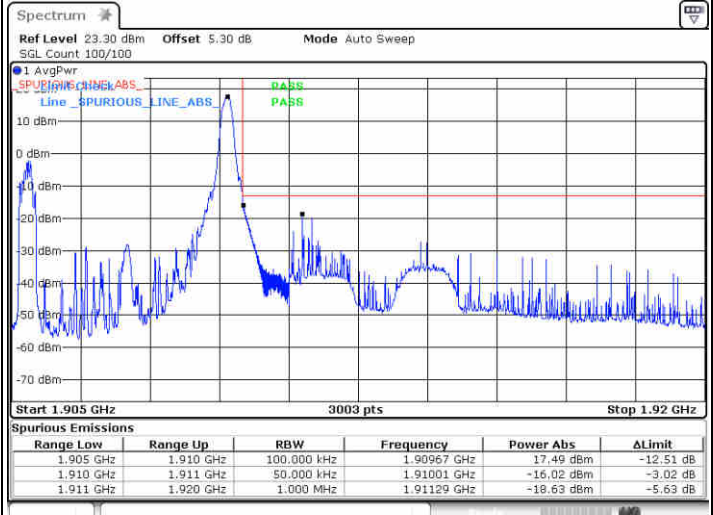


EN-DC_12A_n2A / LTE 10MHz + NR 5MHz / QPSK

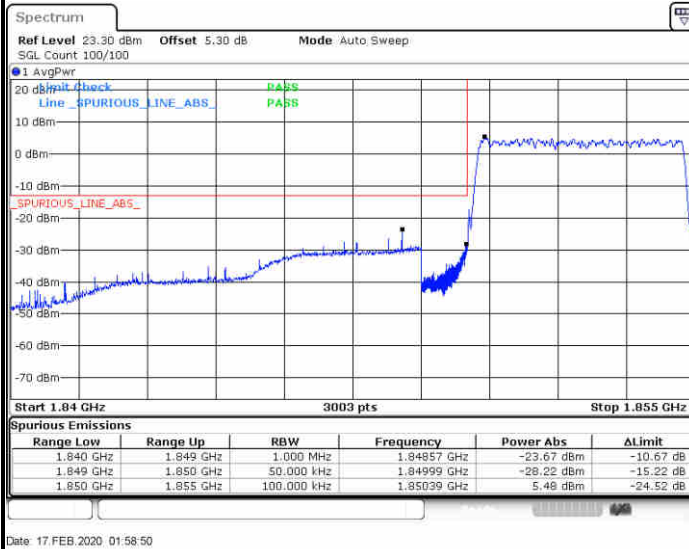
Lowest Band Edge / 1RB0



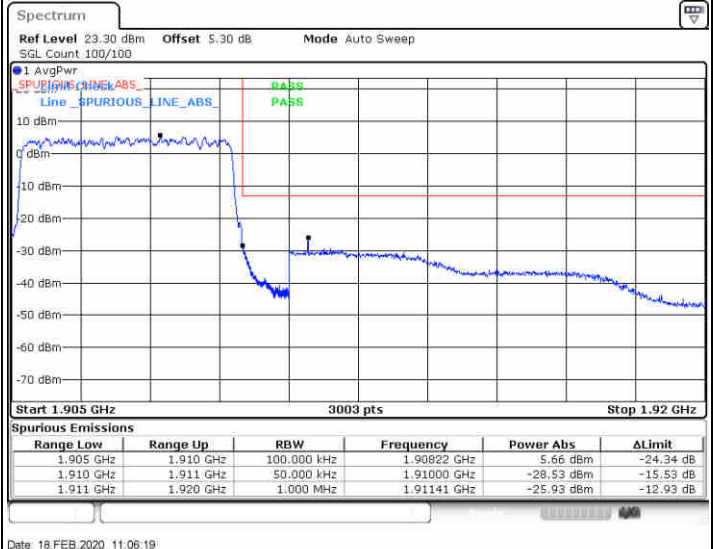
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



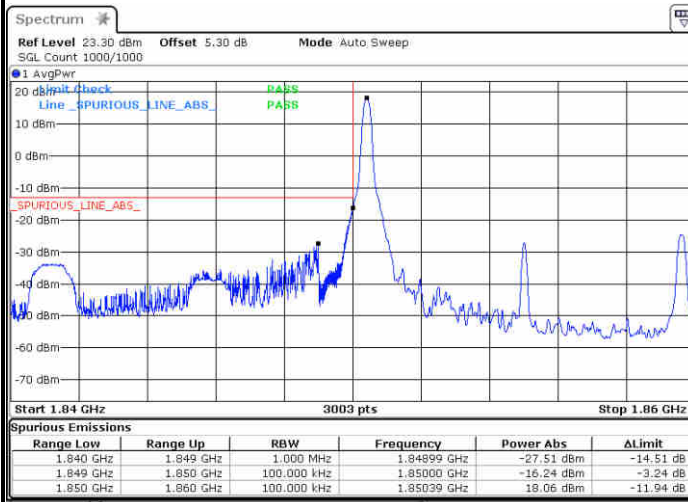
Highest Band Edge / 25RB0



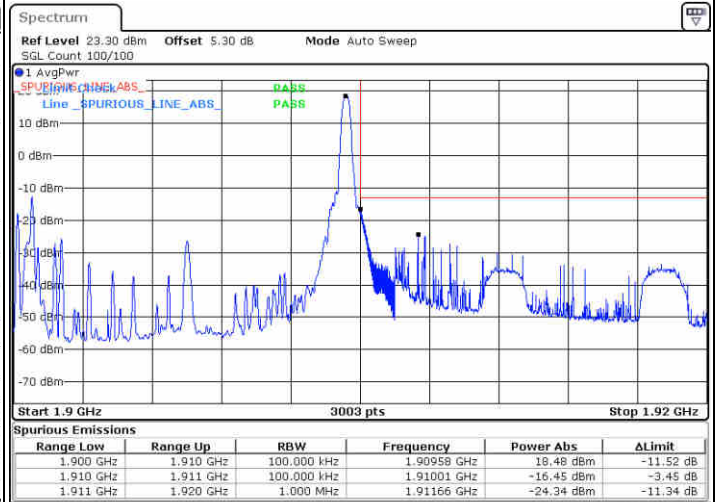


EN-DC_12A_n2A / LTE 10MHz + NR 10MHz / BPSK

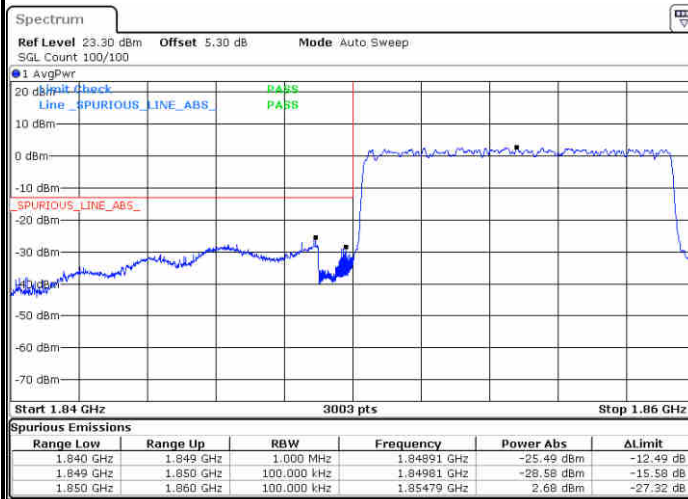
Lowest Band Edge / 1RB0



Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



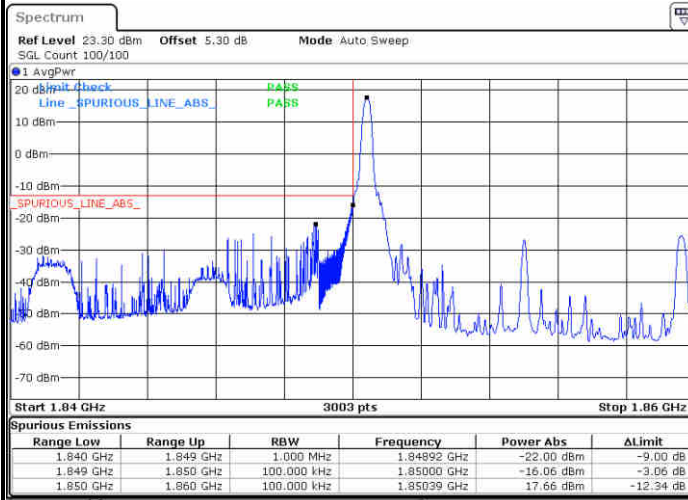
Highest Band Edge / 50RB0



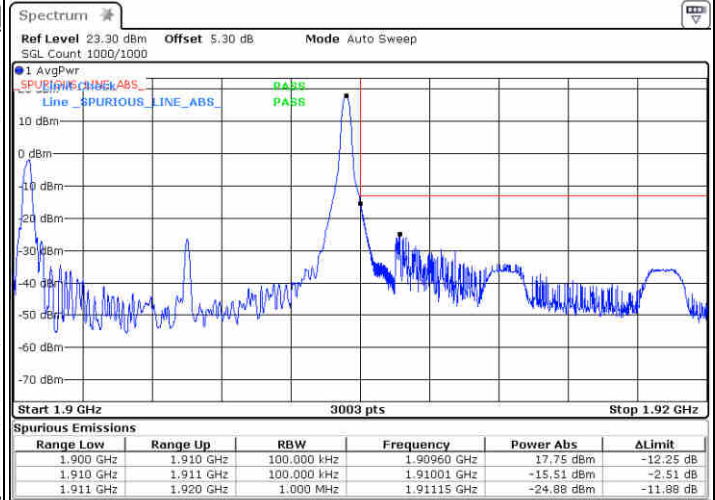


EN-DC_12A_n2A / LTE 10MHz + NR 10MHz / QPSK

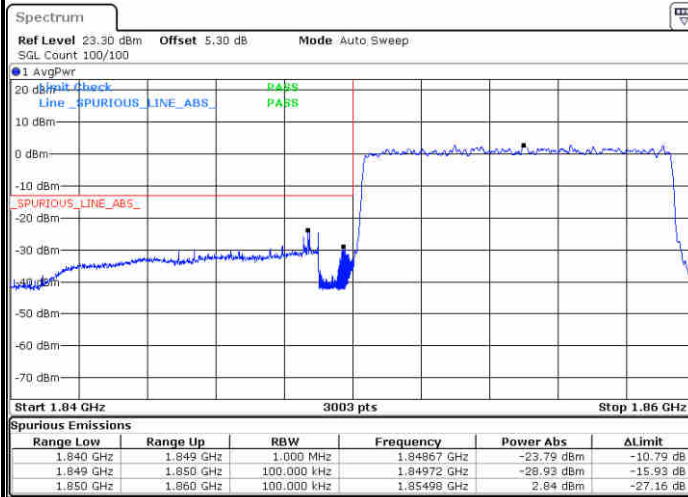
Lowest Band Edge / 1RB0



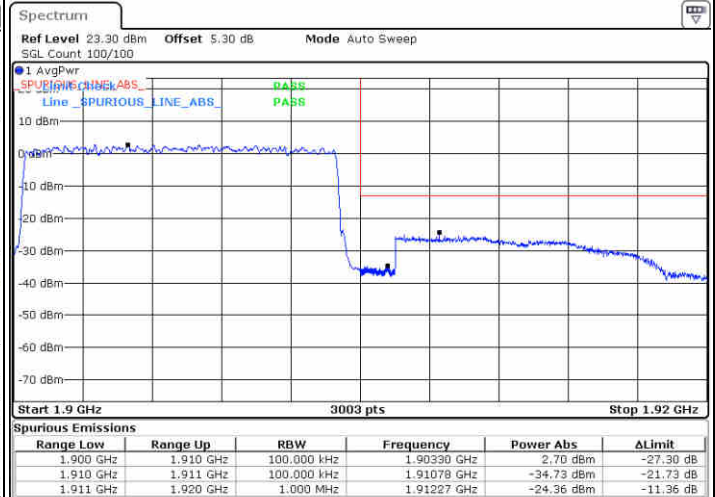
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



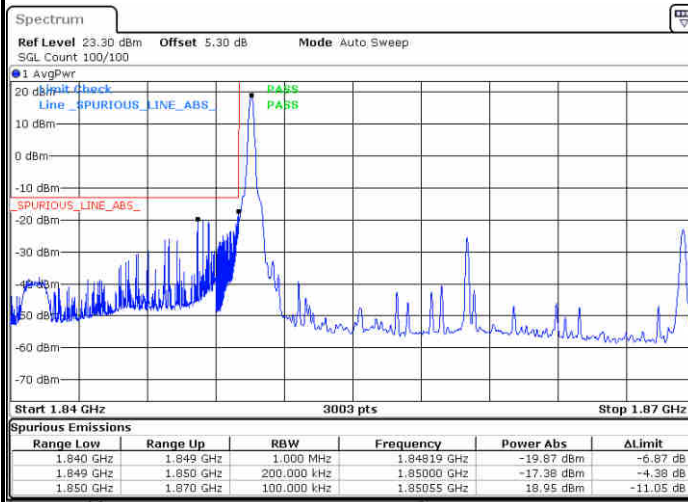
Highest Band Edge / 50RB0



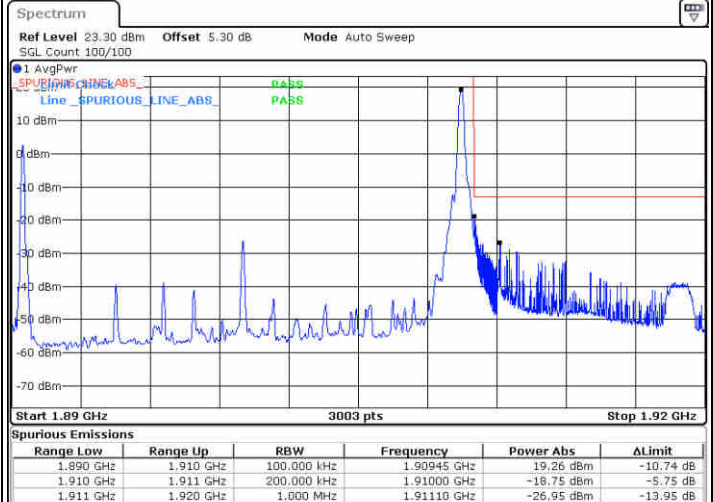


EN-DC_12A_n2A / LTE 10MHz + NR 20MHz / BPSK

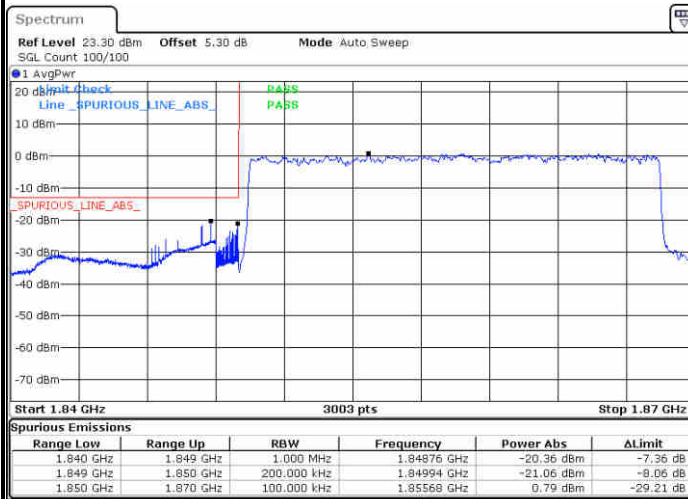
Lowest Band Edge / 1RB0



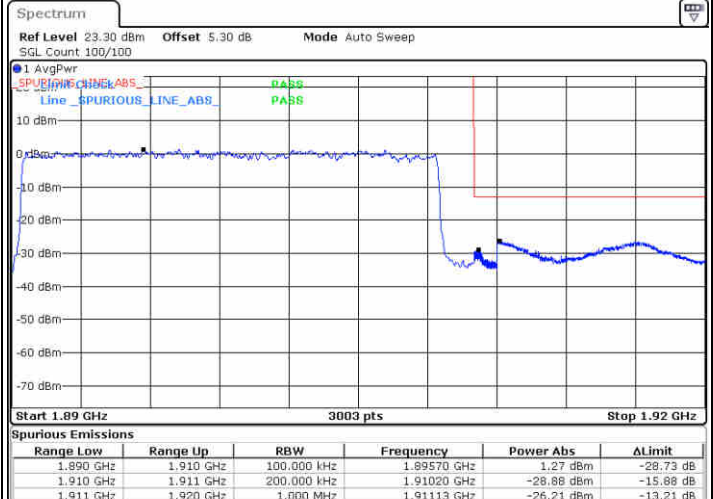
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



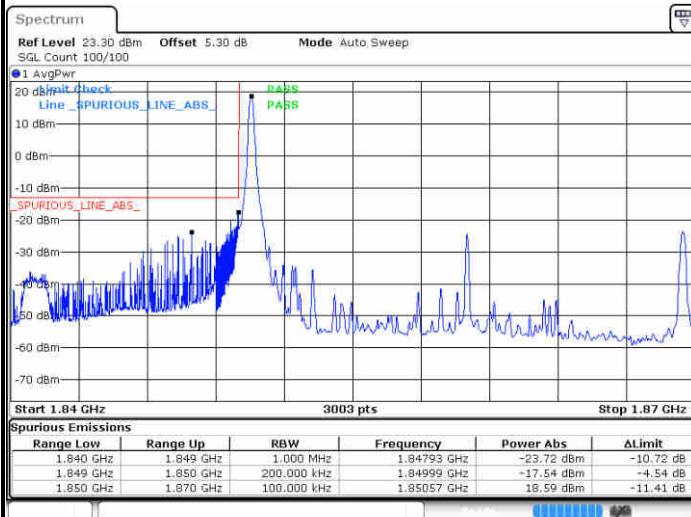
Highest Band Edge / 100RB0



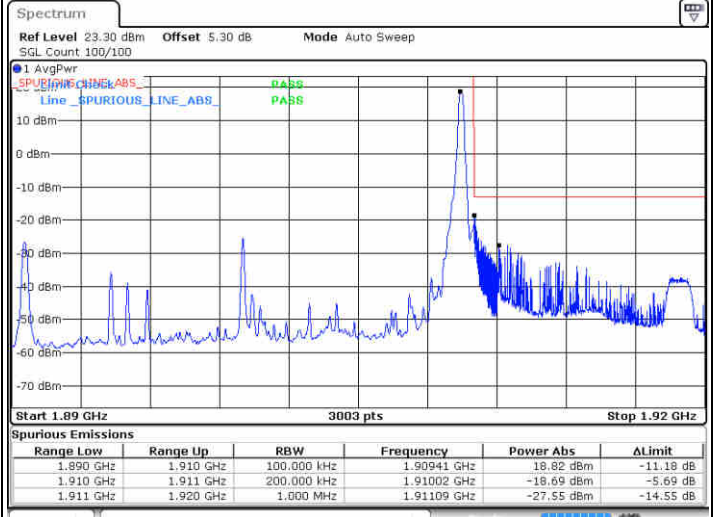


EN-DC_12A_n2A / LTE 10MHz + NR 20MHz / QPSK

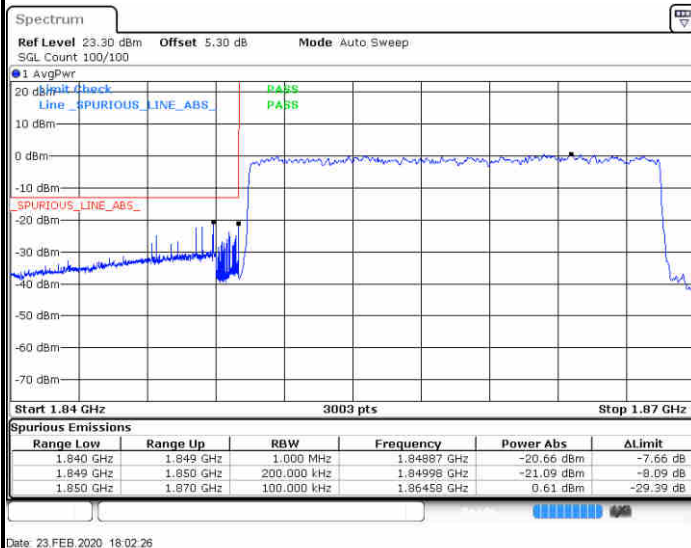
Lowest Band Edge / 1RB0



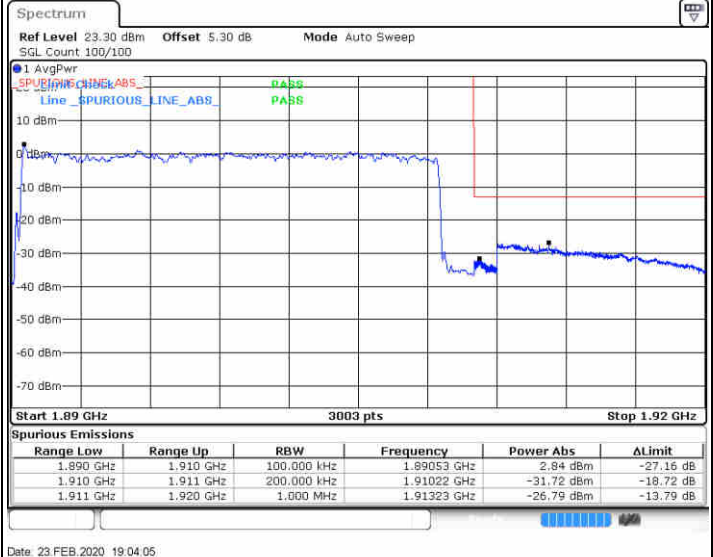
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



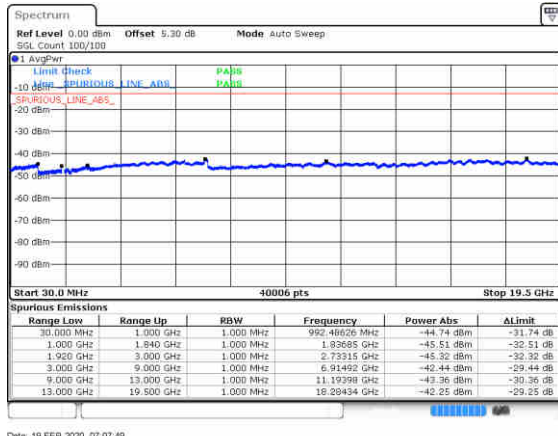
Highest Band Edge / 100RB0



Conducted Spurious Emission

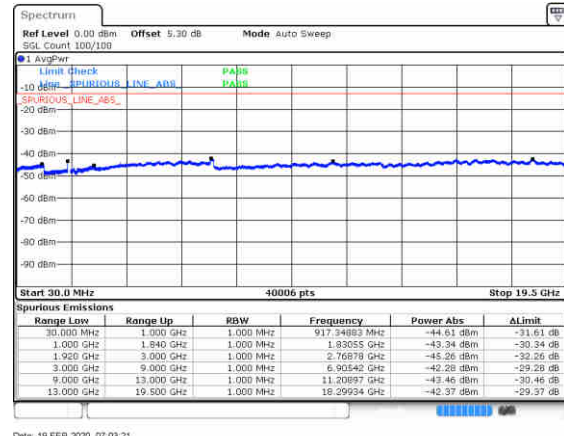
EN-DC_5A_n2A / LTE 10MHz + NR 5MHz

Lowest Channel / BPSK



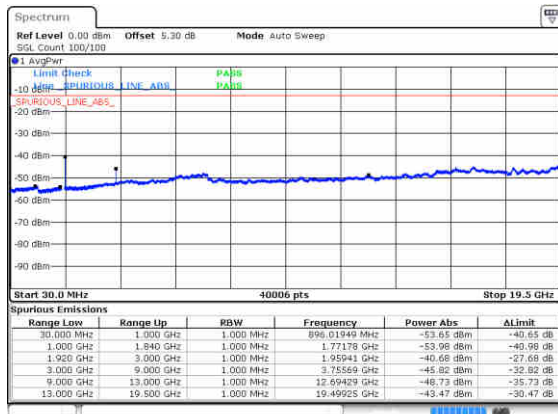
Date: 10 FEB 2020 02:07:40

Lowest Channel / QPSK

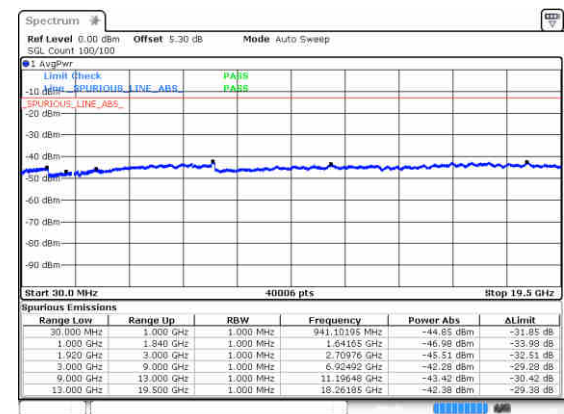


Date: 18 FEB 2020 07:03:2

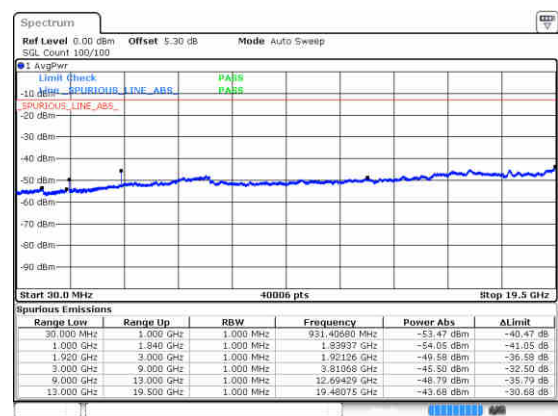
Middle Channel / BPSK



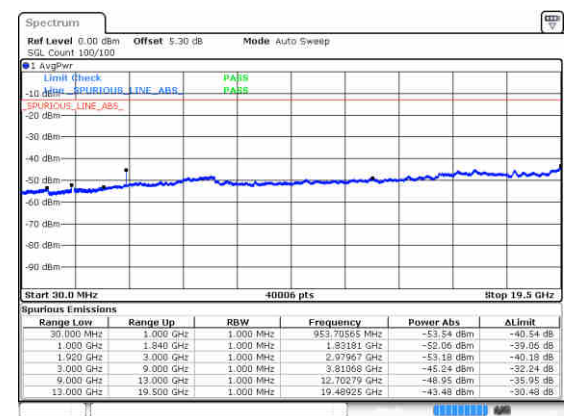
Middle Channel / QPSK



Highest Channel / BPSK



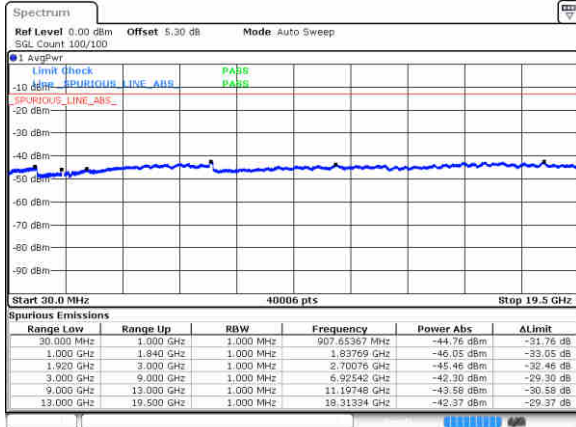
Highest Channel / QPSK



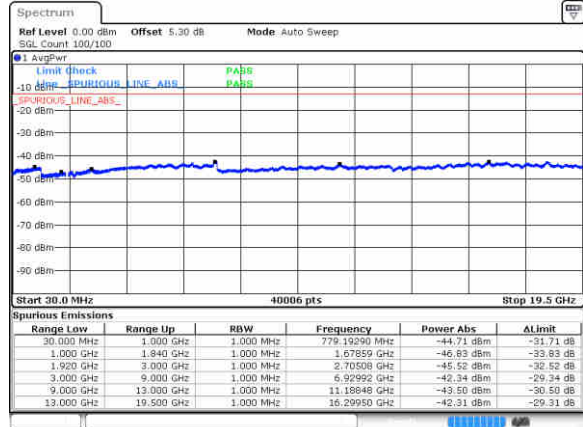


EN-DC_5A_n2A / LTE 10MHz + NR 10MHz

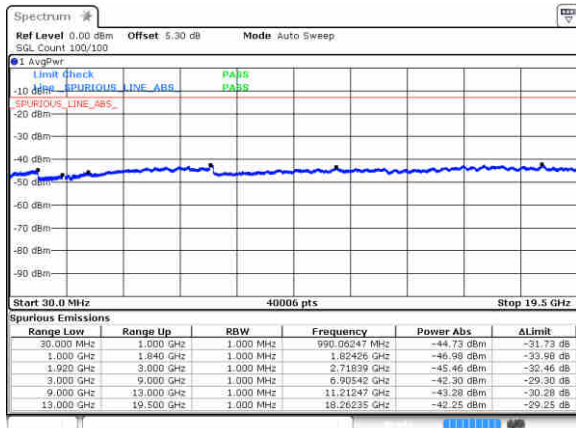
Lowest Channel / BPSK



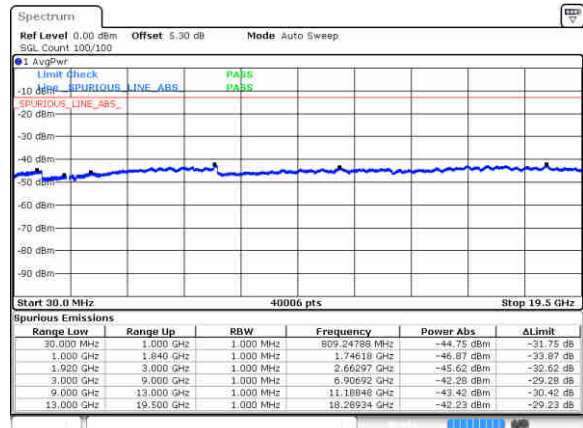
Lowest Channel / QPSK



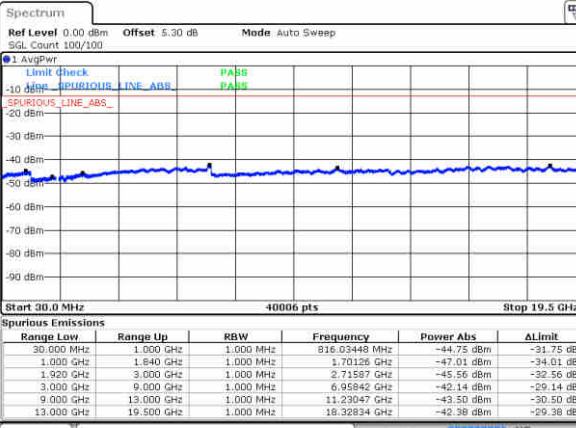
Middle Channel / BPSK



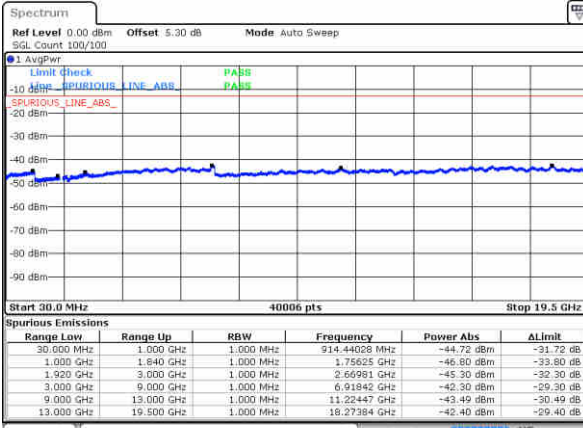
Middle Channel / QPSK



Highest Channel / BPSK



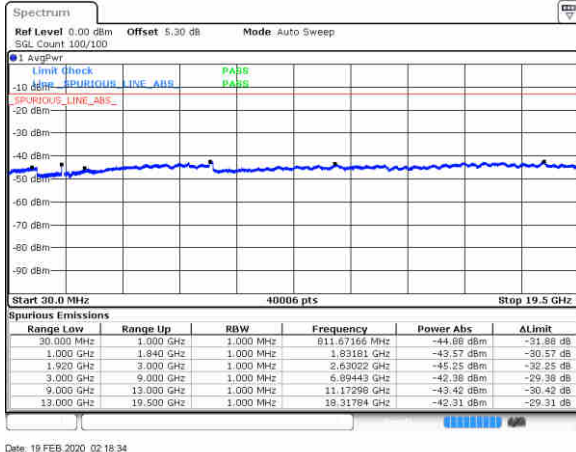
Highest Channel / QPSK



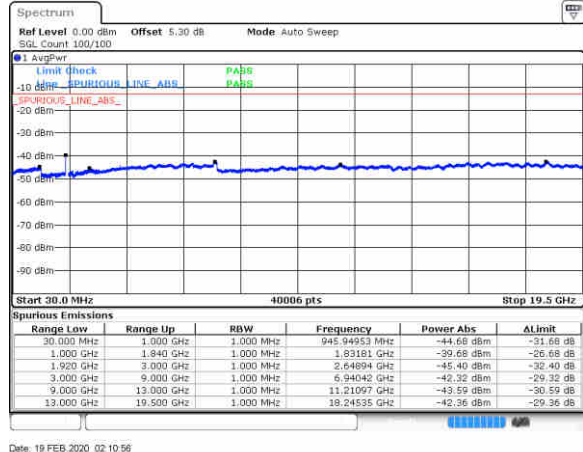


EN-DC_5A_n2A / LTE 10MHz + NR 20MHz

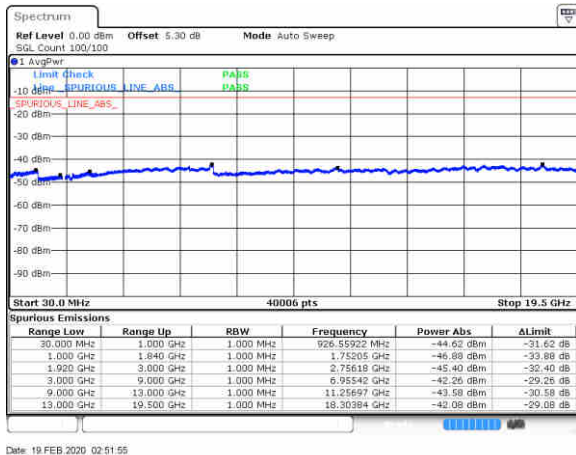
Lowest Channel / BPSK



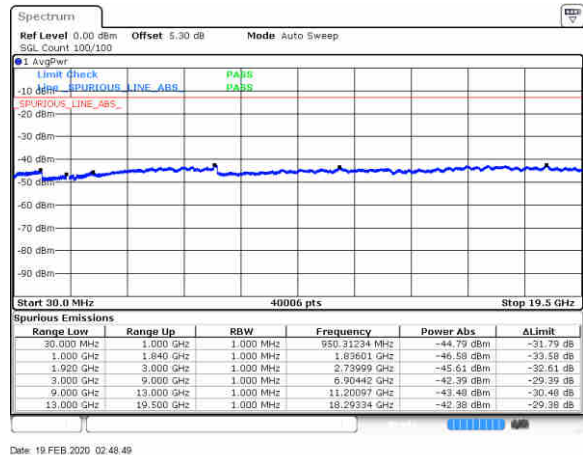
Lowest Channel / QPSK



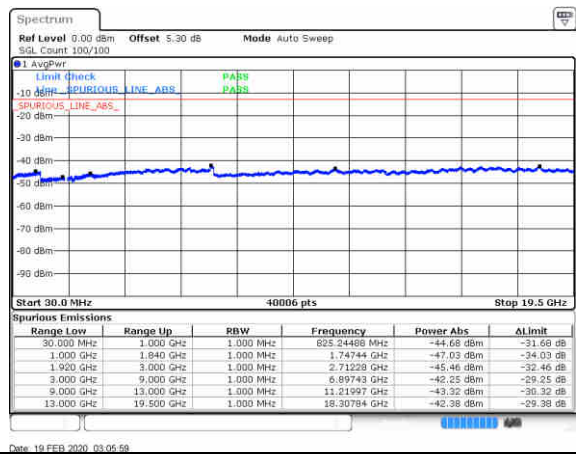
Middle Channel / BPSK



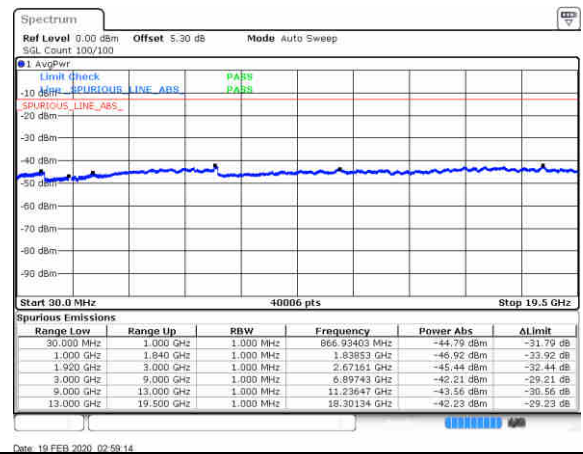
Middle Channel / QPSK



Highest Channel / BPSK



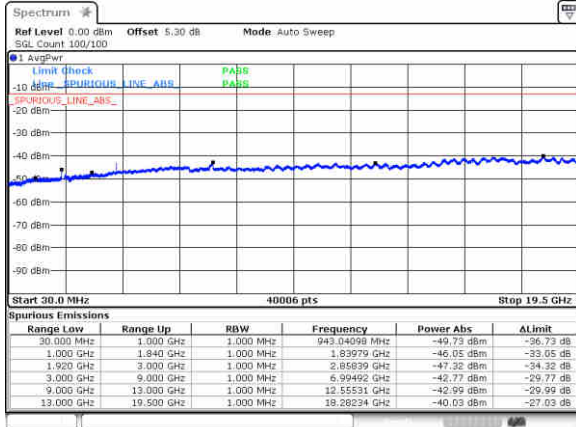
Highest Channel / QPSK





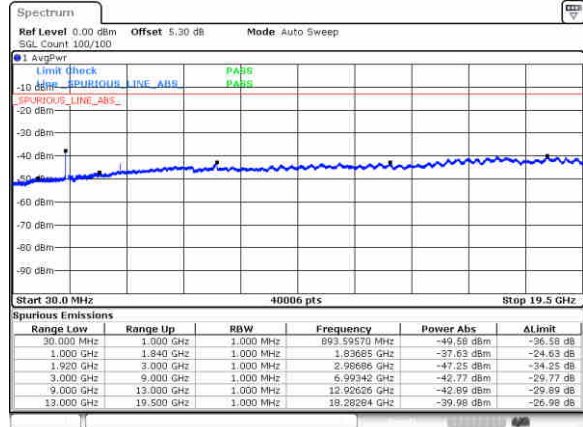
EN-DC_12A_n2A / LTE 10MHz + NR 5MHz

Lowest Channel / BPSK



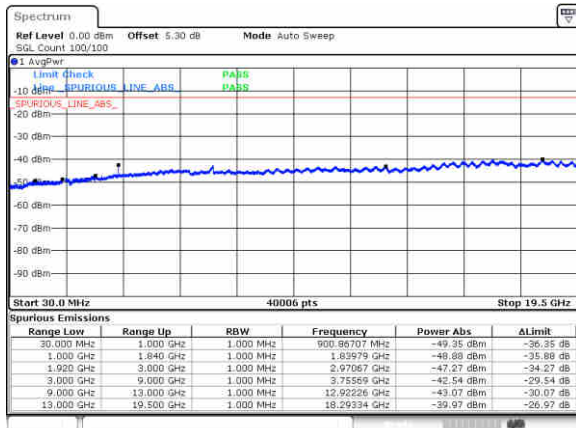
Date: 22 FEB 2020 13:12:50

Lowest Channel / QPSK



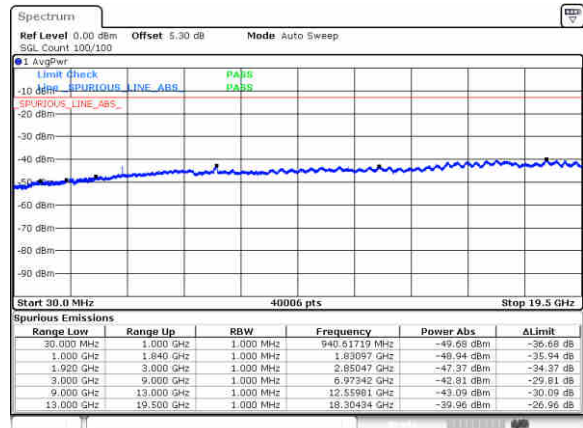
Date: 22 FEB 2020 13:14:37

Middle Channel / BPSK



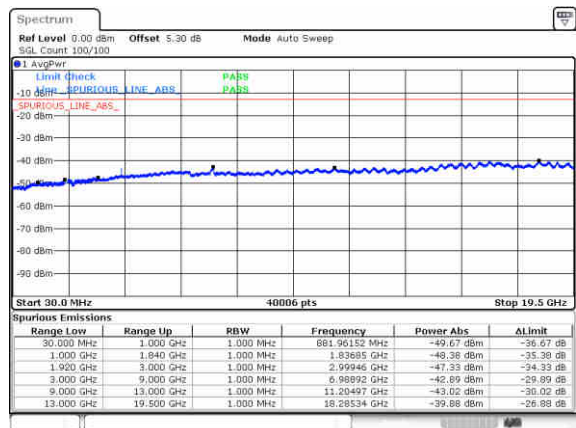
Date: 22 FEB 2020 13:23:22

Middle Channel / QPSK



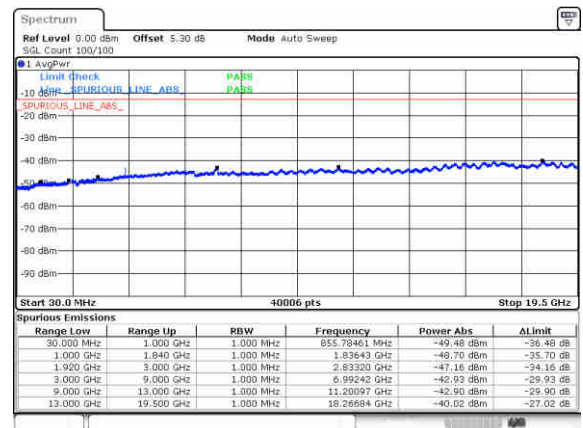
Date: 22 FEB 2020 13:21:28

Highest Channel / BPSK



Date: 19 FEB 2020 20:38:16

Highest Channel / QPSK

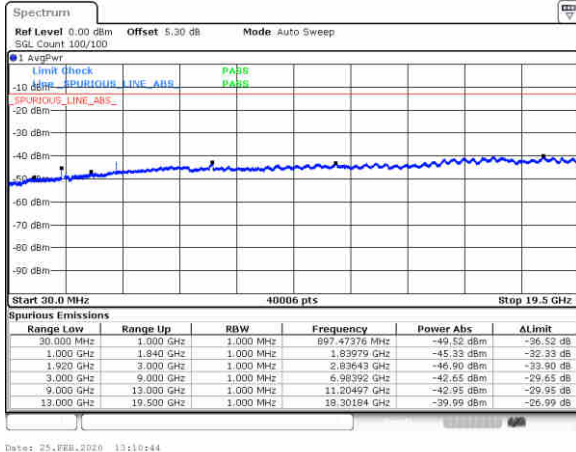


Date: 19 FEB 2020 20:37:16

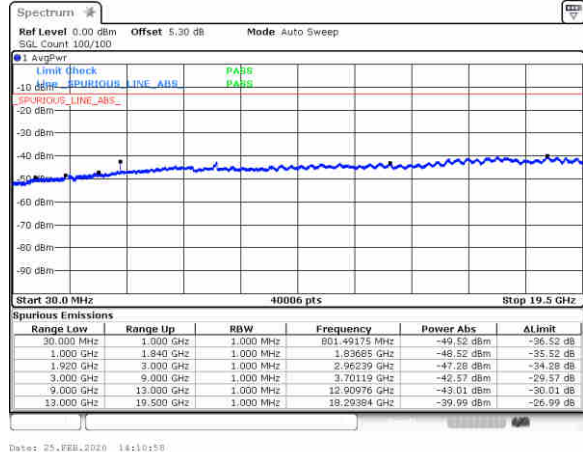


EN-DC_12A_n2A / LTE 10MHz + NR 10MHz

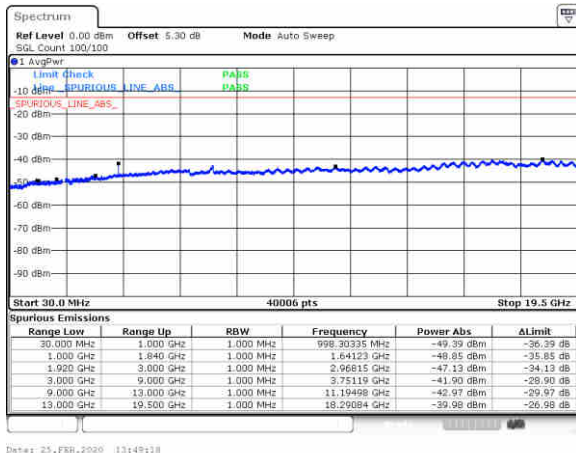
Lowest Channel / BPSK



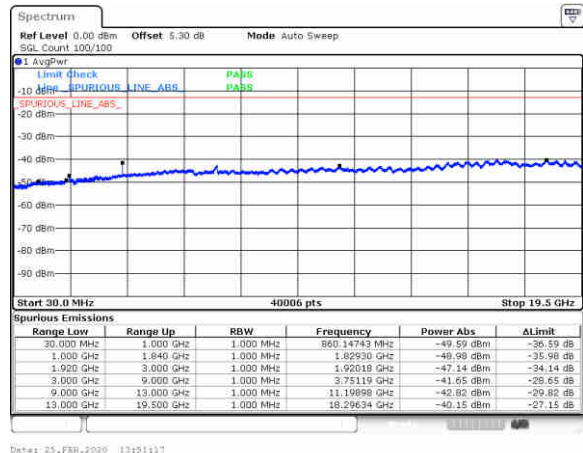
Lowest Channel / QPSK



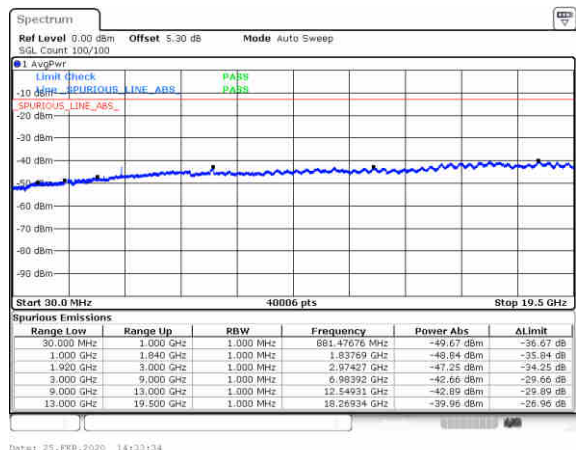
Middle Channel / BPSK



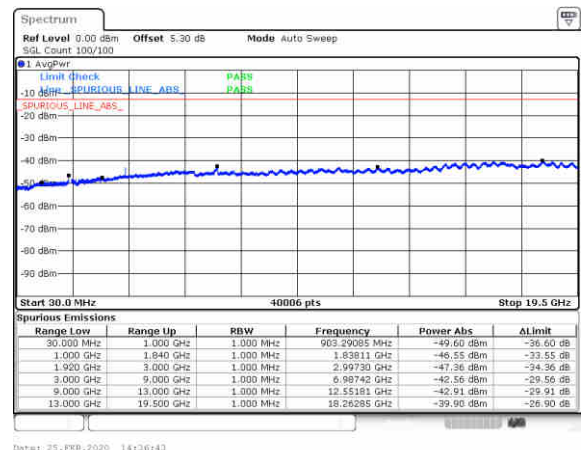
Middle Channel / QPSK



Highest Channel / BPSK



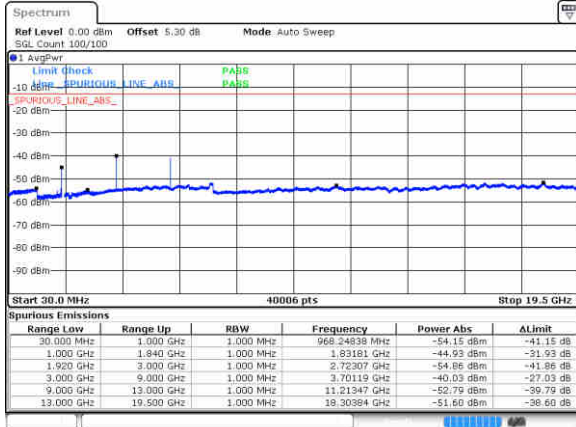
Highest Channel / QPSK





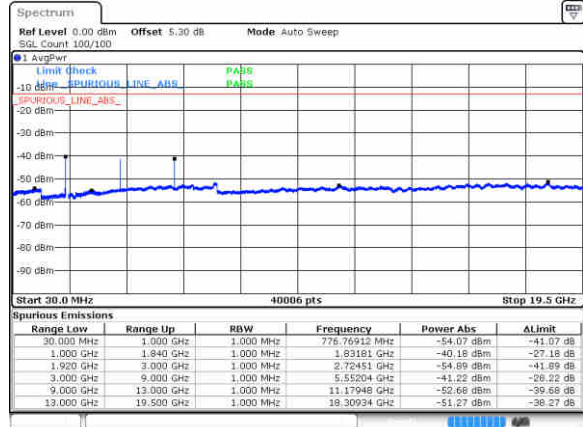
EN-DC_12A_n2A / LTE 10MHz + NR 20MHz

Lowest Channel / BPSK



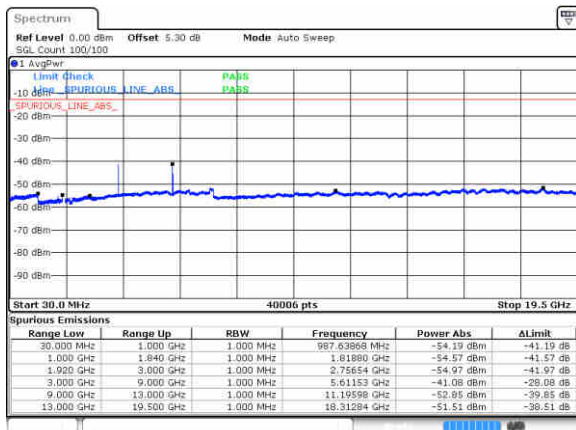
Date: 23.FEB.2020 18:14:12

Lowest Channel / QPSK



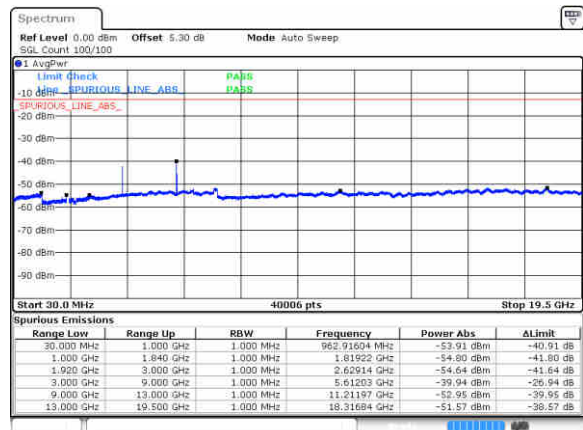
Date: 23.FEB.2020 18:04:53

Middle Channel / BPSK



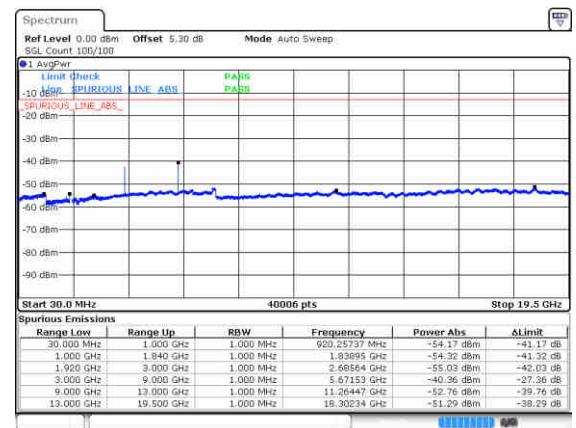
Date: 23.FEB.2020 18:35:22

Middle Channel / QPSK



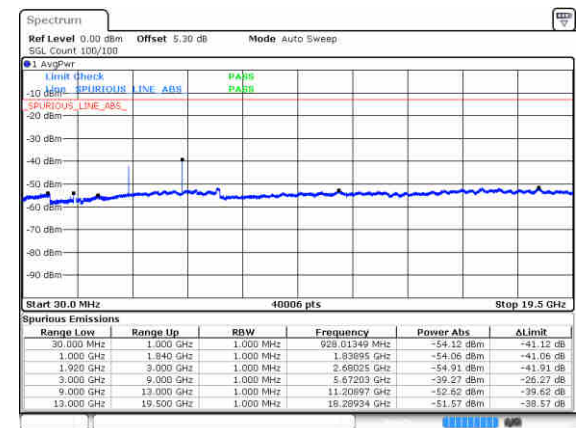
Date: 23.FEB.2020 18:37:09

Highest Channel / BPSK



Date: 23.FEB.2020 19:10:02

Highest Channel / QPSK



Date: 23.FEB.2020 19:12:22

Frequency Stability

Test Conditions		EN-DC_5A_n2A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	LTE 10MHz + 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	

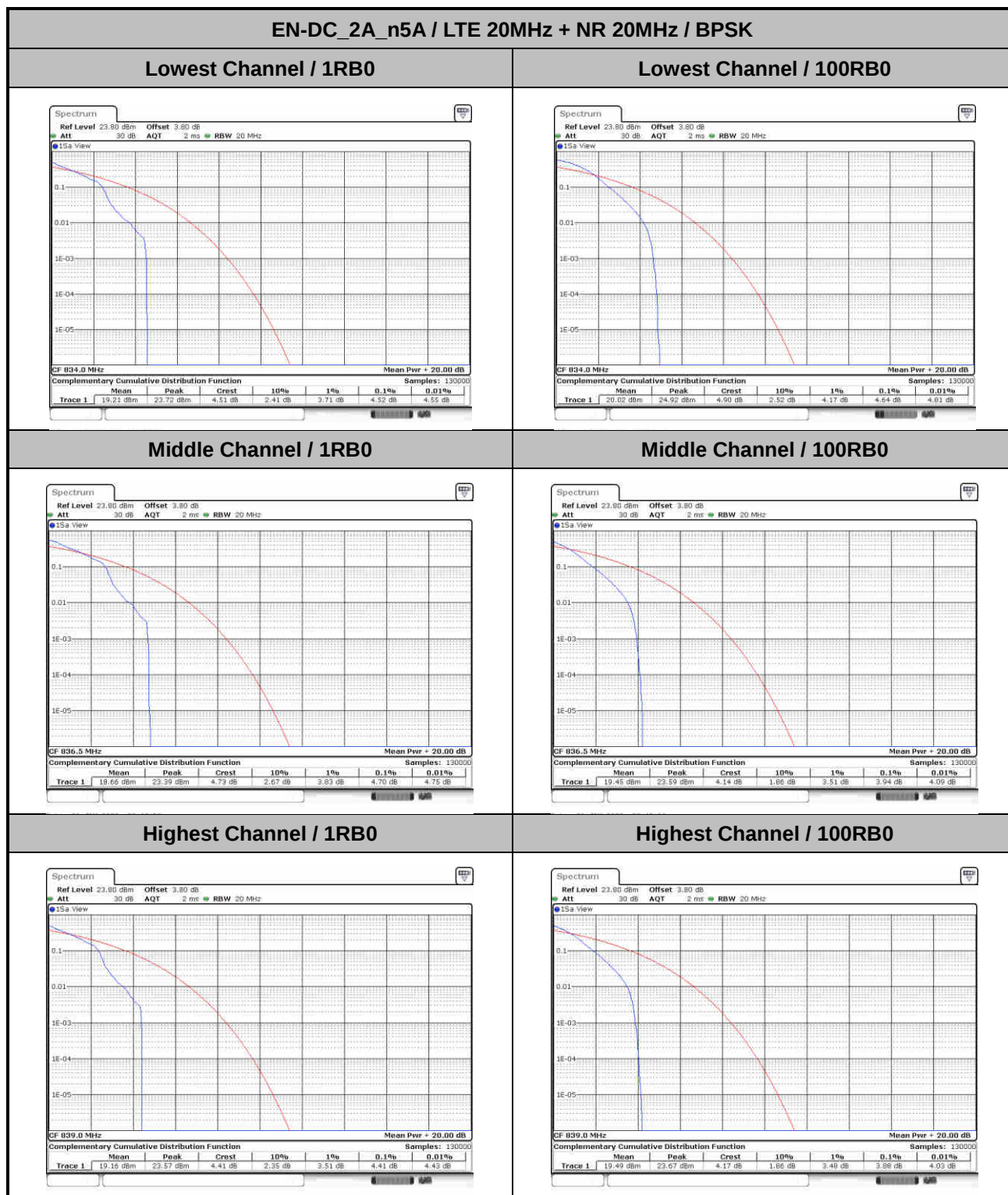
Note:

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 n5

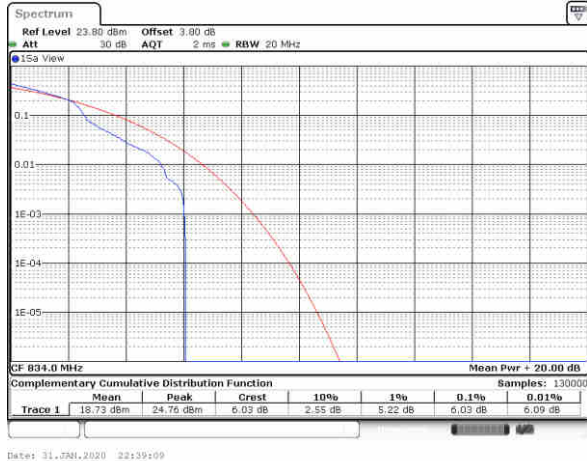
Peak-to-Average Ratio



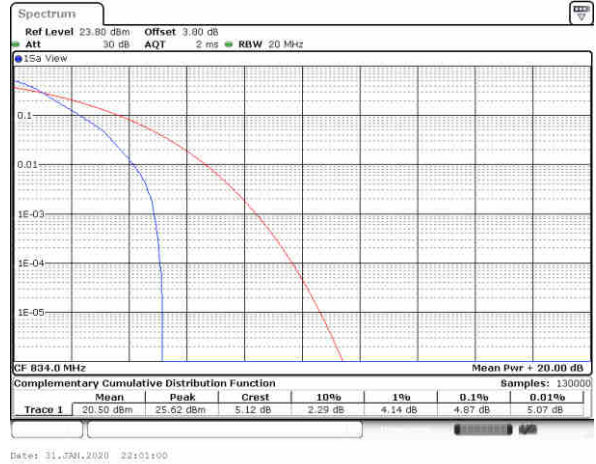


EN-DC_2A_n5A / LTE 20MHz + NR 20MHz / QPSK

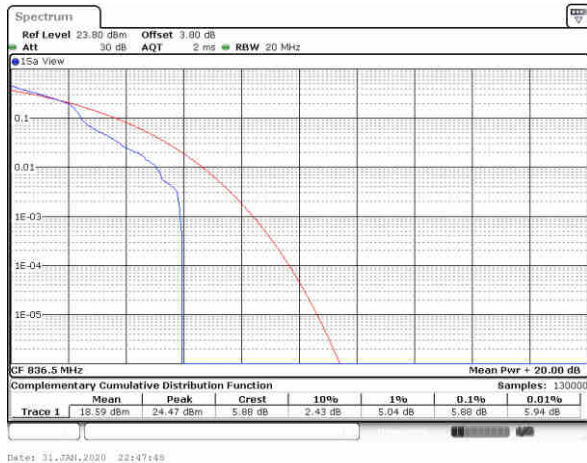
Lowest Channel / 1RB0



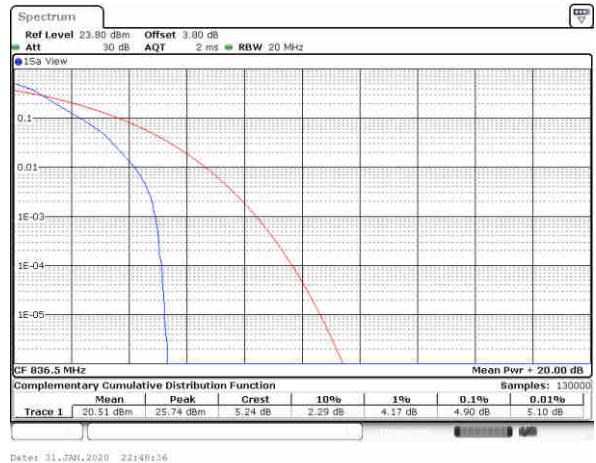
Lowest Channel / 100RB0



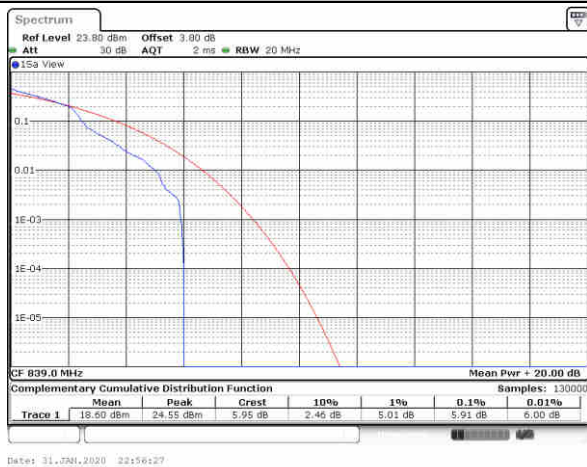
Middle Channel / 1RB0



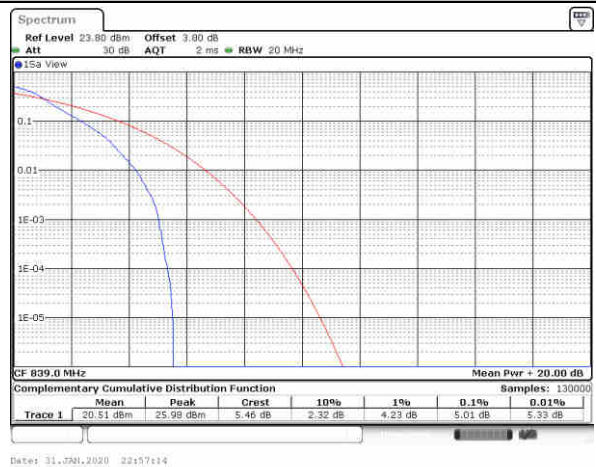
Middle Channel / 100RB0



Highest Channel / 1RB0



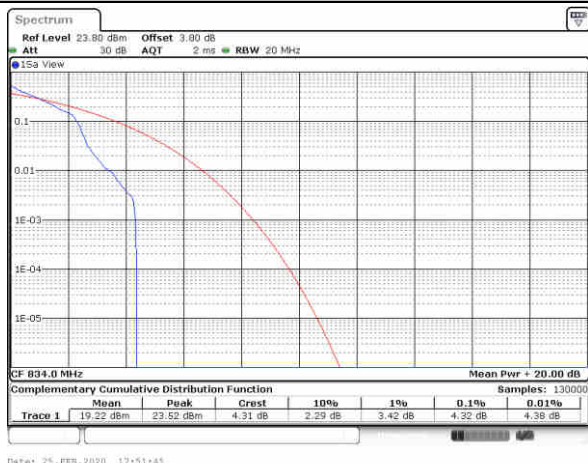
Highest Channel / 100RB0



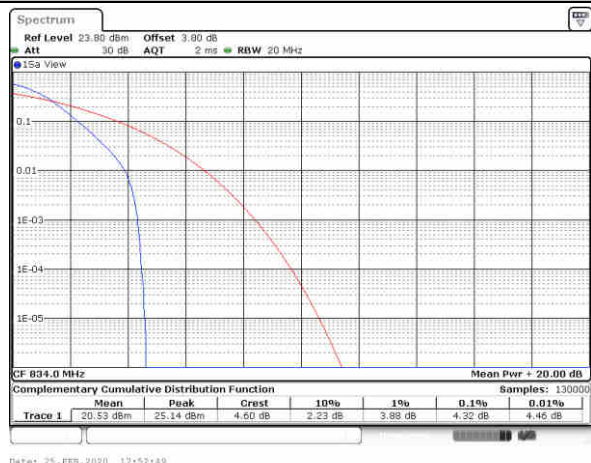


EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / BPSK

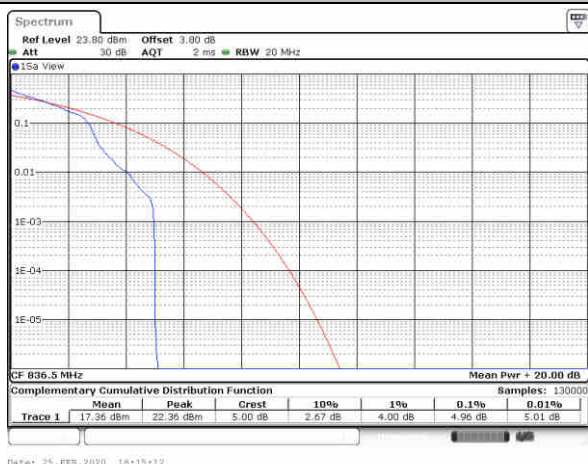
Lowest Channel / 1RB0



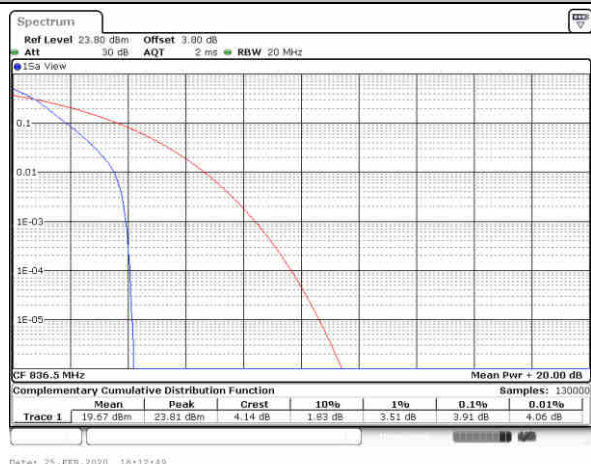
Lowest Channel / 100RB0



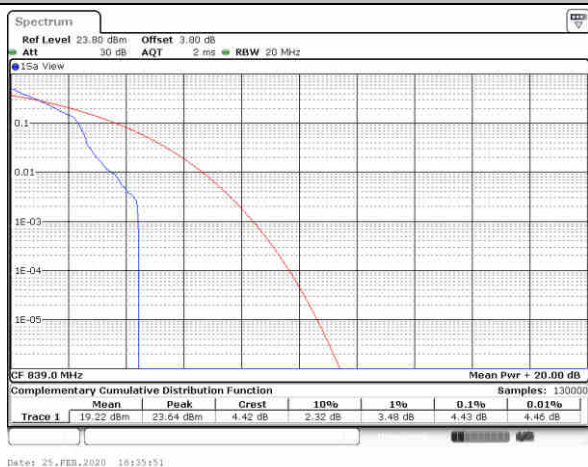
Middle Channel / 1RB0



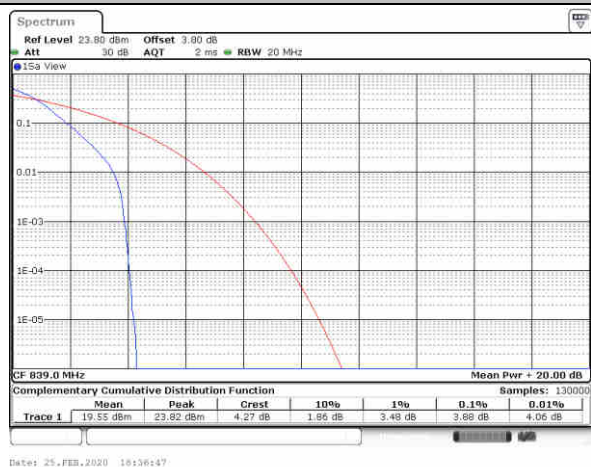
Middle Channel / 100RB0



Highest Channel / 1RB0



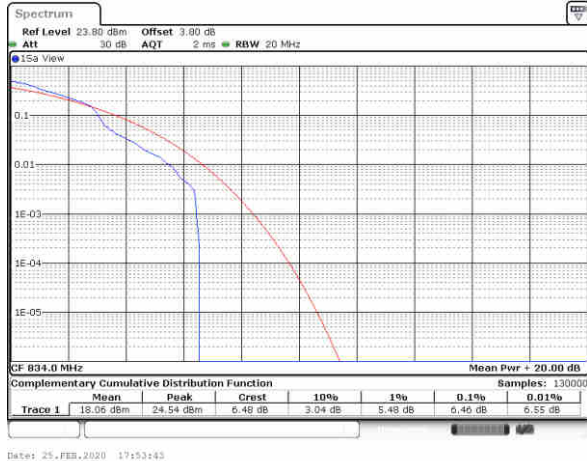
Highest Channel / 100RB0



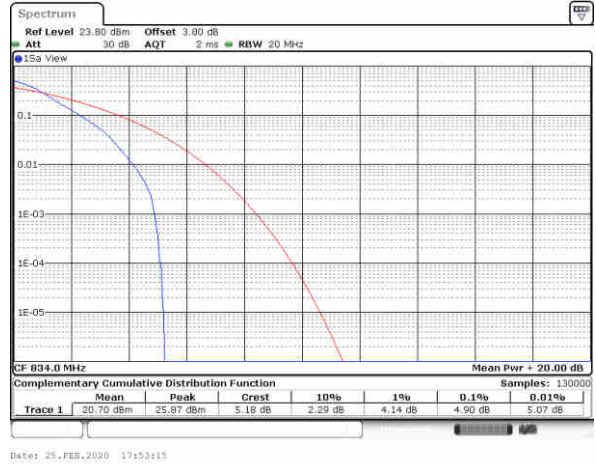


EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / QPSK

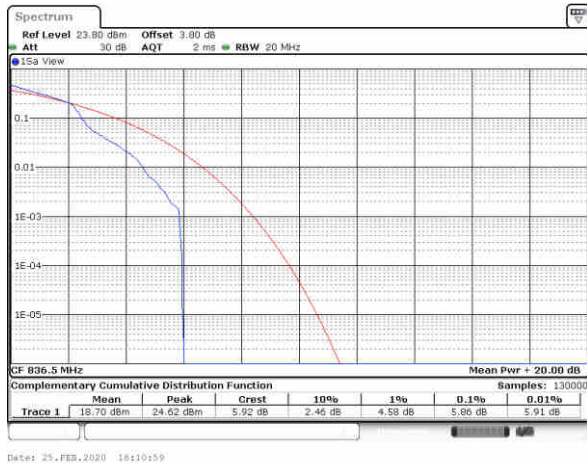
Lowest Channel / 1RB0



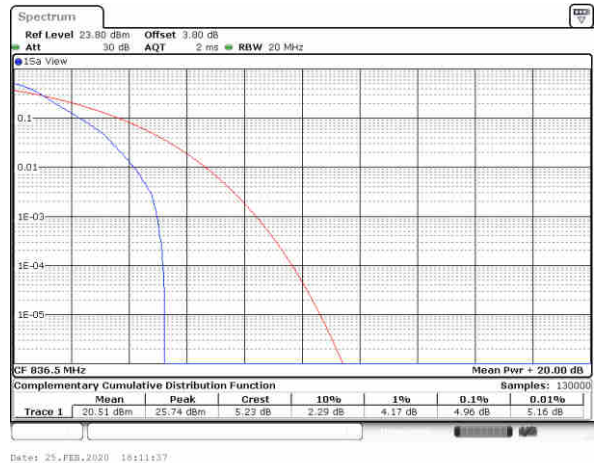
Lowest Channel / 100RB0



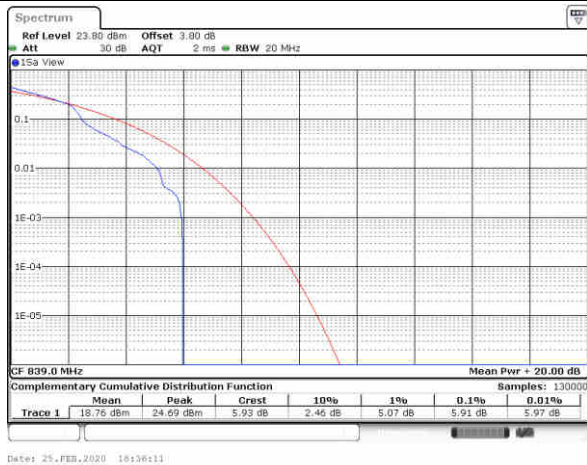
Middle Channel / 1RB0



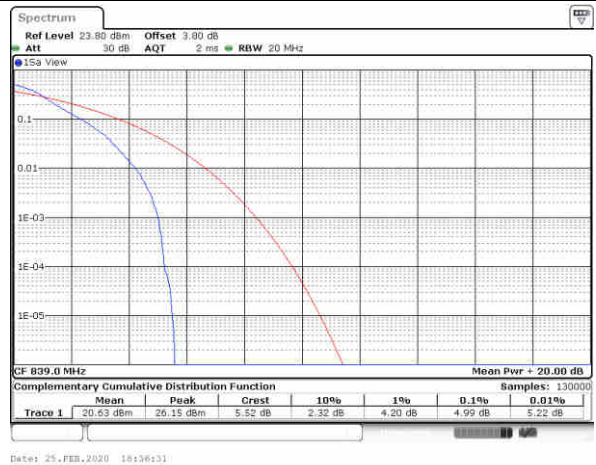
Middle Channel / 100RB0

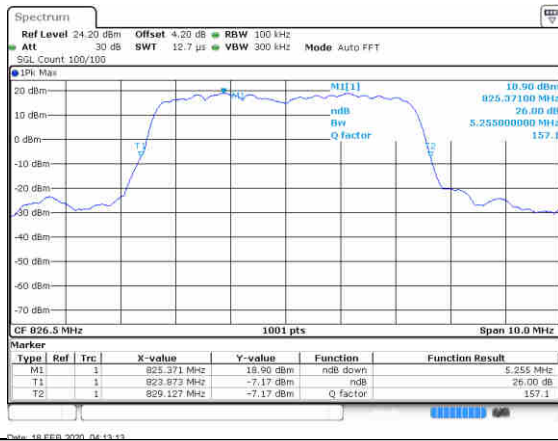
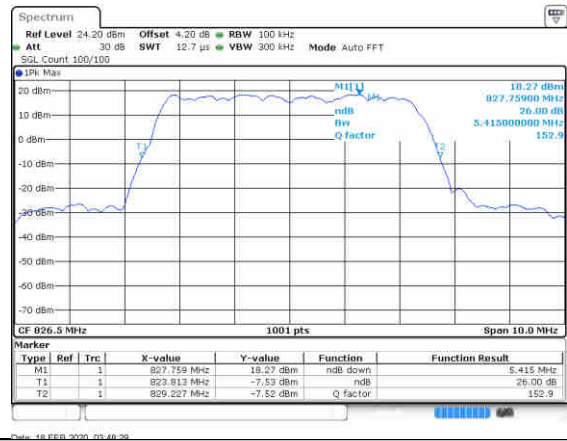
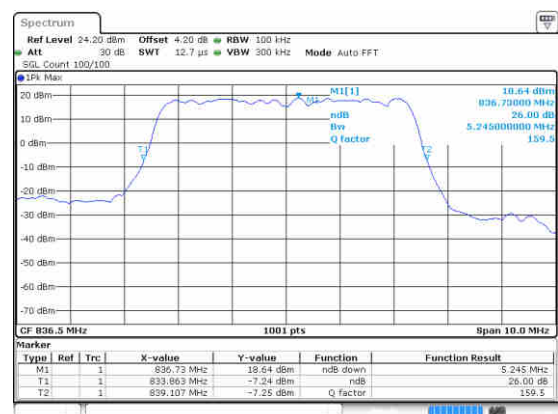
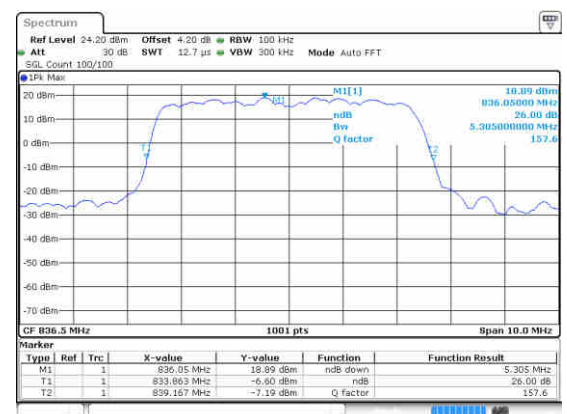
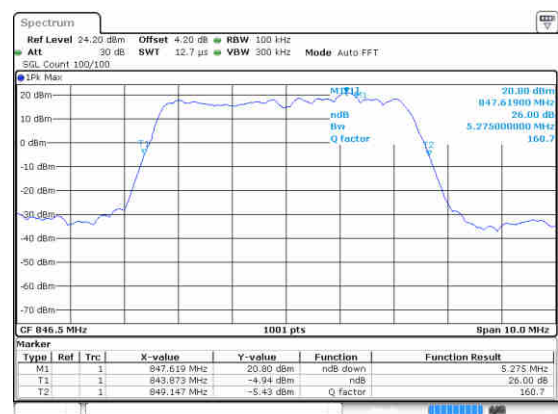
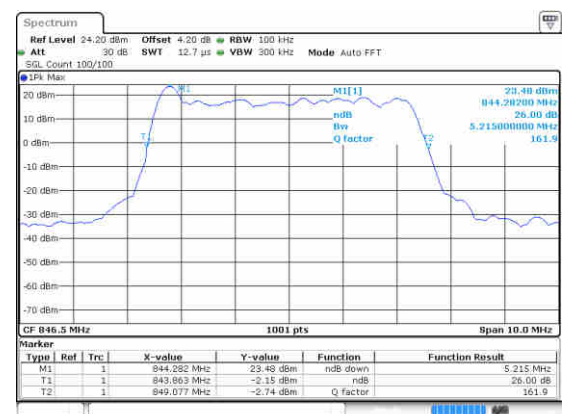


Highest Channel / 1RB0



Highest Channel / 100RB0



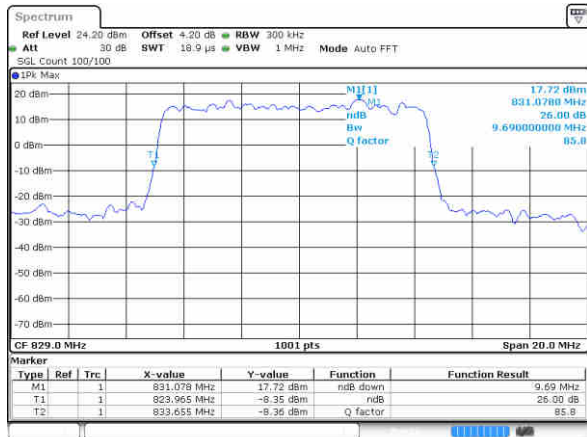
**26dB Bandwidth****EN-DC_2A_n5A****Combination LTE 20MHz + NR 5MHz****Lowest Channel / BPSK****Lowest Channel / QPSK****Middle Channel / BPSK****Middle Channel / QPSK****Highest Channel / BPSK****Highest Channel / QPSK**



EN-DC_2A_n5A

Combination LTE 20MHz + NR 10MHz

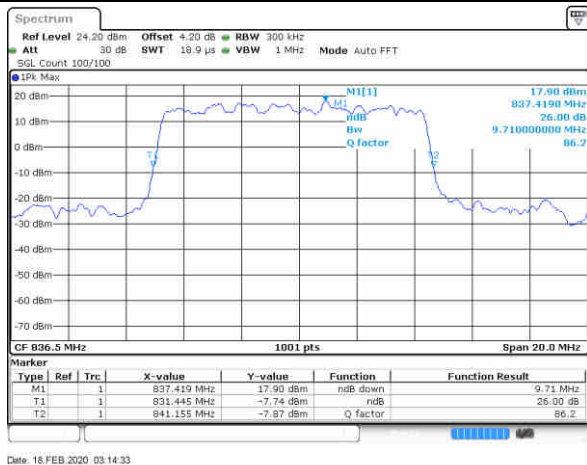
Lowest Channel / BPSK



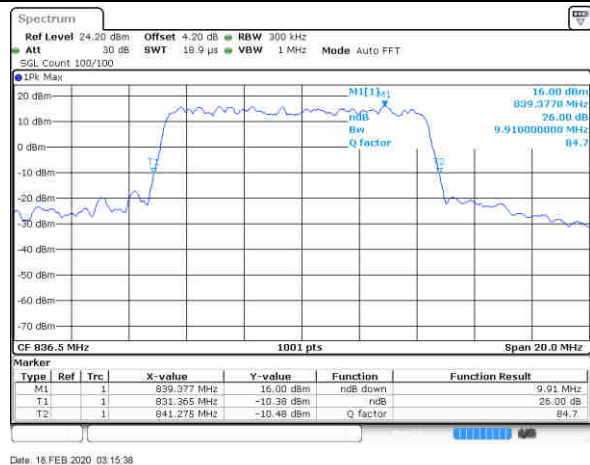
Lowest Channel / QPSK



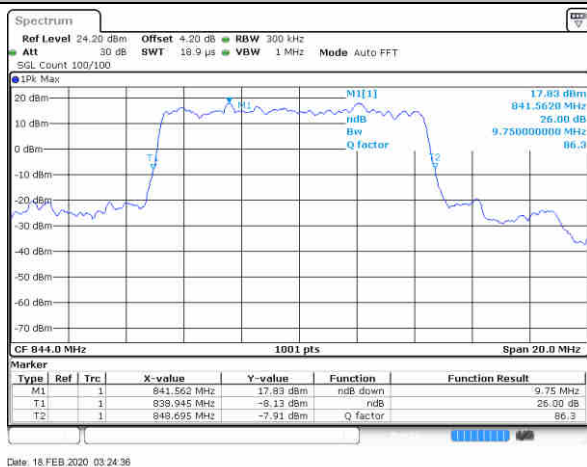
Middle Channel / BPSK



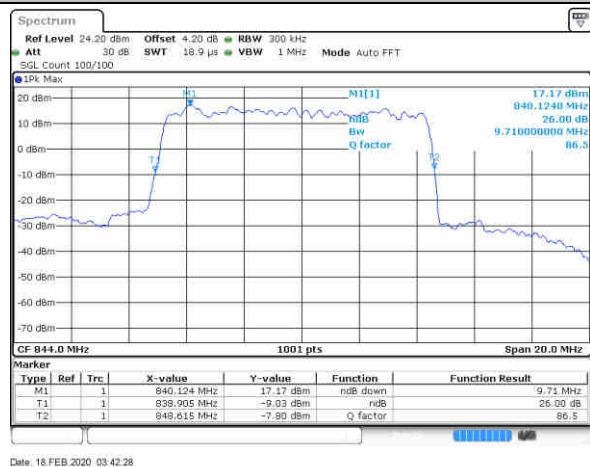
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

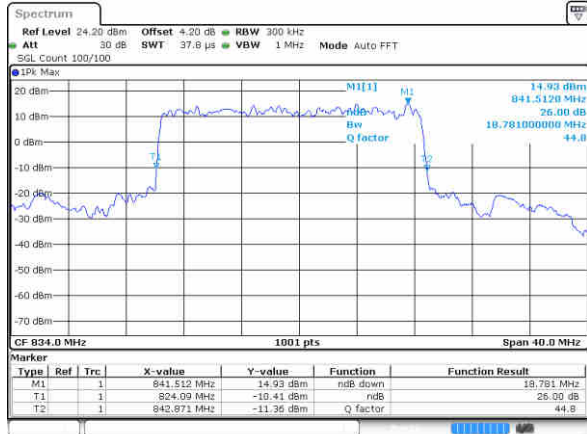




EN-DC_2A_n5A

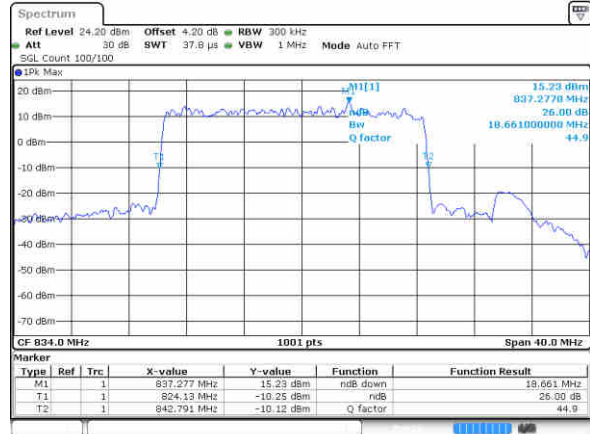
Combination LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



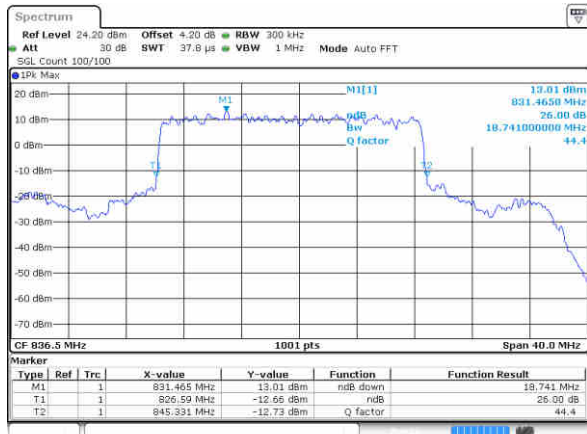
Date: 18.FEB.2020 01:03:03

Lowest Channel / QPSK



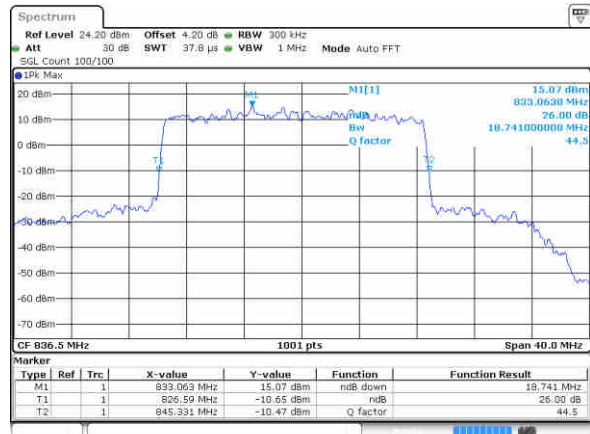
Date: 18.FEB.2020 01:04:28

Middle Channel / BPSK



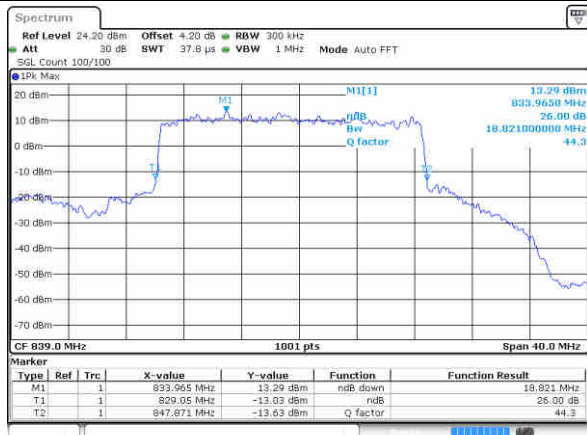
Date: 18.FEB.2020 01:32:04

Middle Channel / QPSK



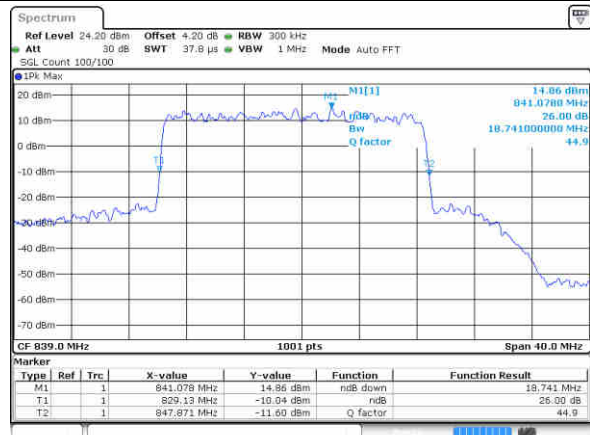
Date: 18.FEB.2020 01:23:15

Highest Channel / BPSK



Date: 18.FEB.2020 01:37:54

Highest Channel / QPSK



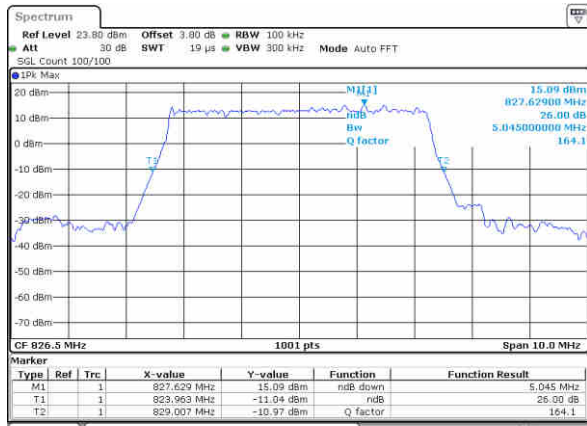
Date: 18.FEB.2020 01:48:01



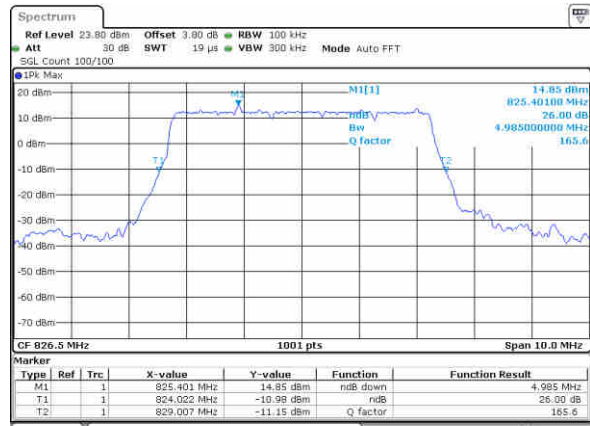
EN-DC_66A_n5A

Combination LTE 20MHz + NR 5MHz

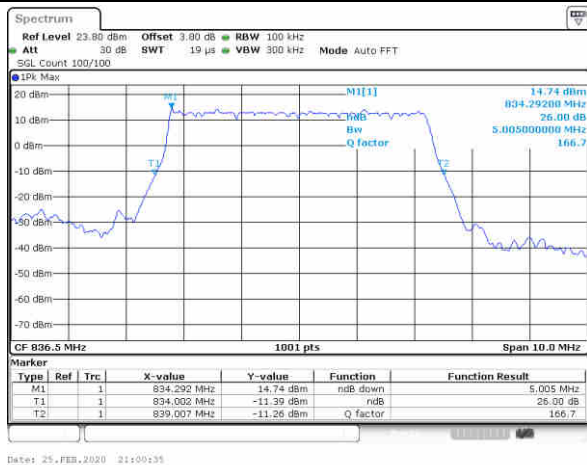
Lowest Channel / BPSK



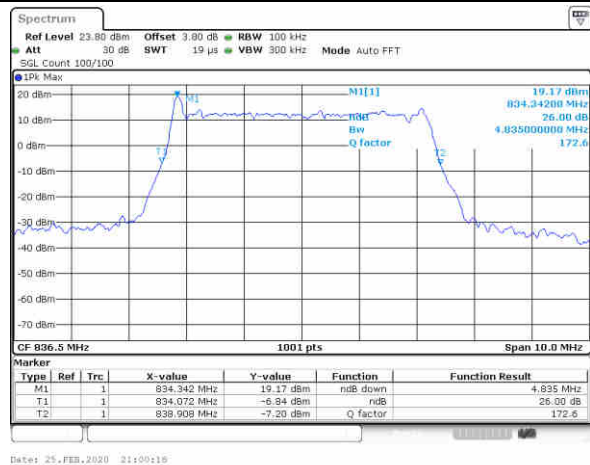
Lowest Channel / QPSK



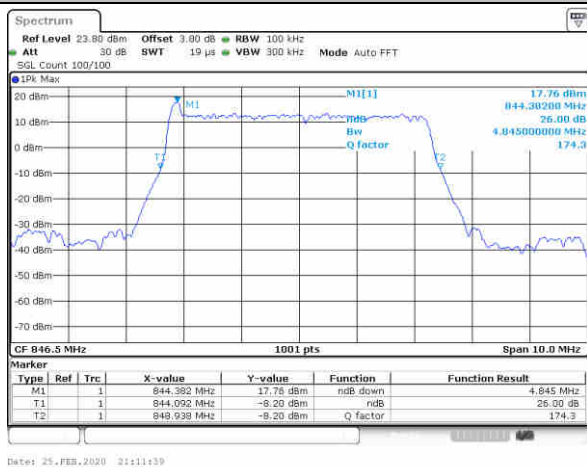
Middle Channel / BPSK



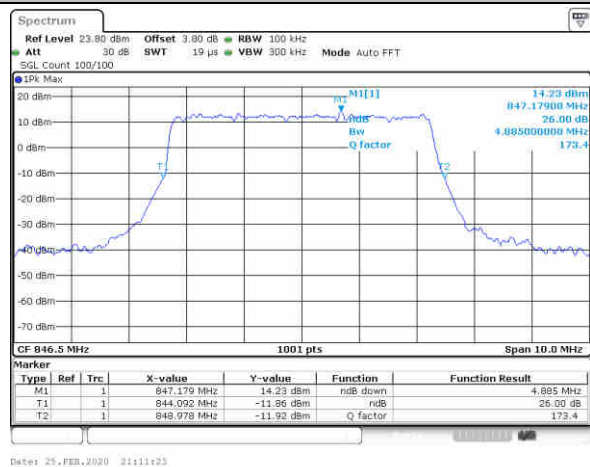
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

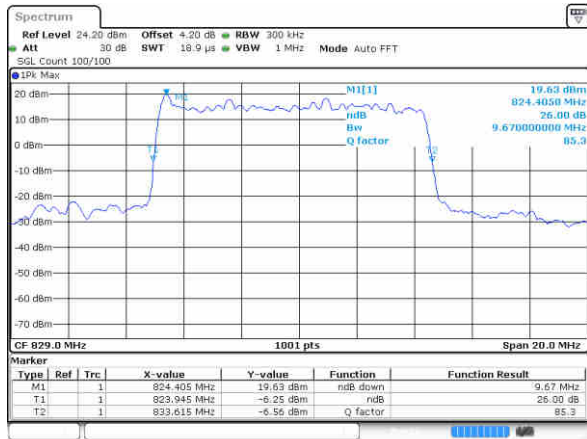




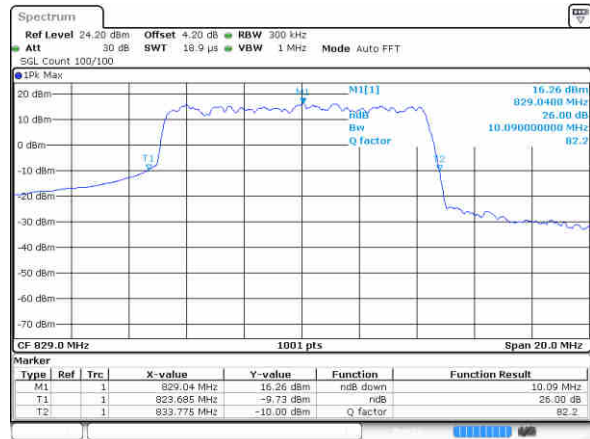
EN-DC_66A_n5A

Combination LTE 20MHz + NR 10MHz

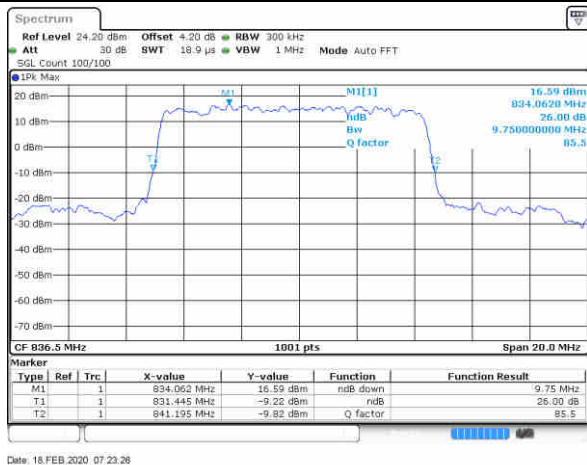
Lowest Channel / BPSK



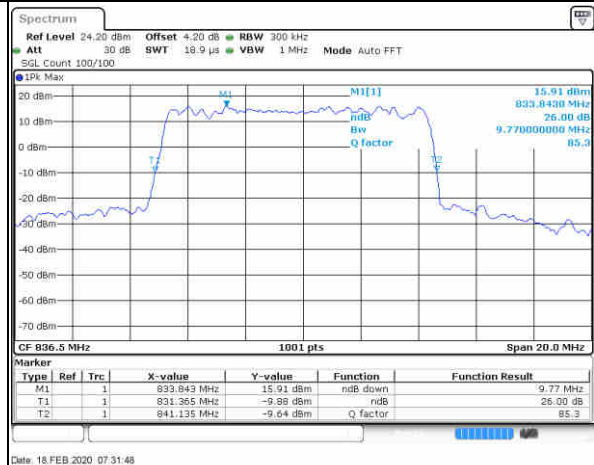
Lowest Channel / QPSK



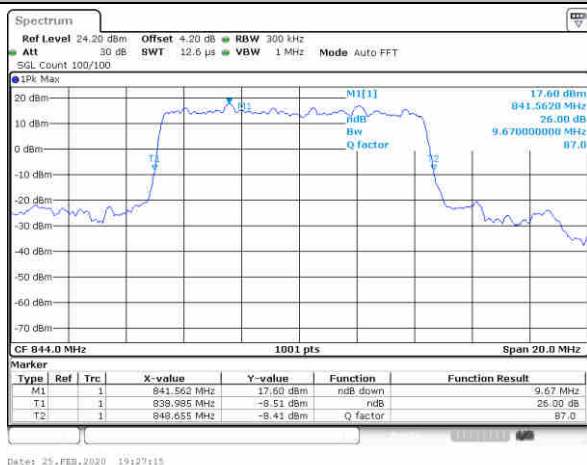
Middle Channel / BPSK



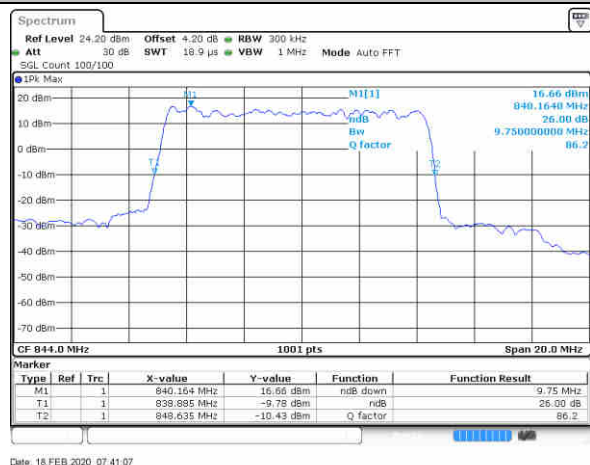
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

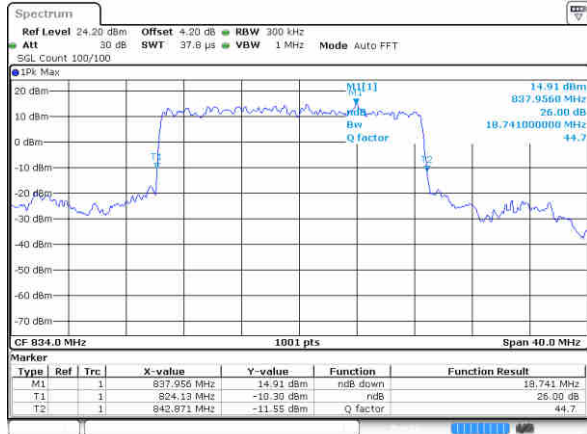




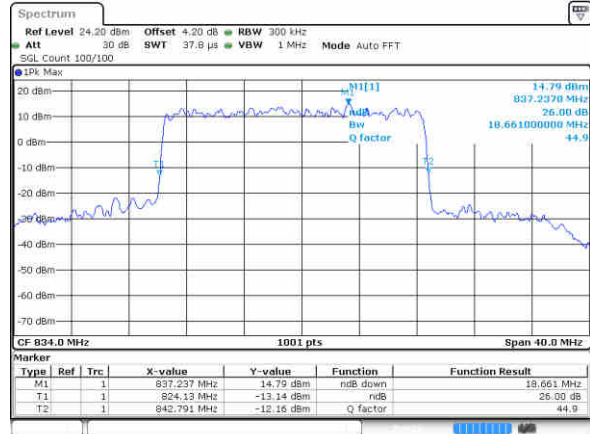
EN-DC_66A_n5A

Combination LTE 20MHz + NR 20MHz

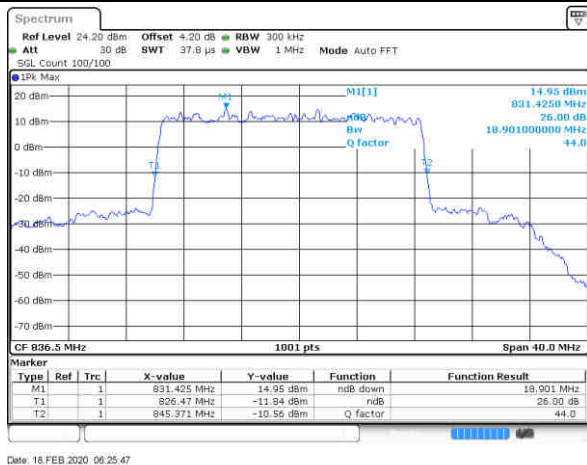
Lowest Channel / BPSK



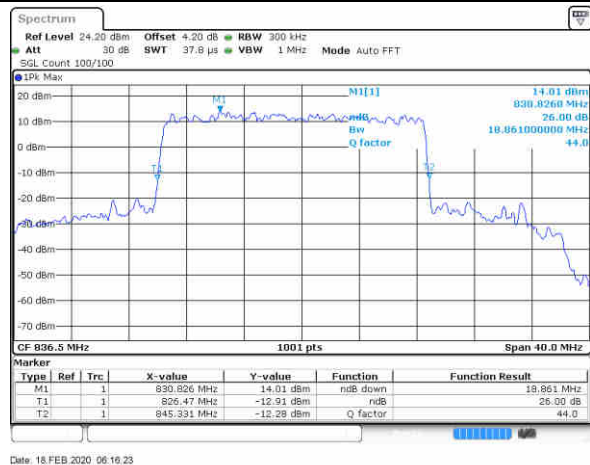
Lowest Channel / QPSK



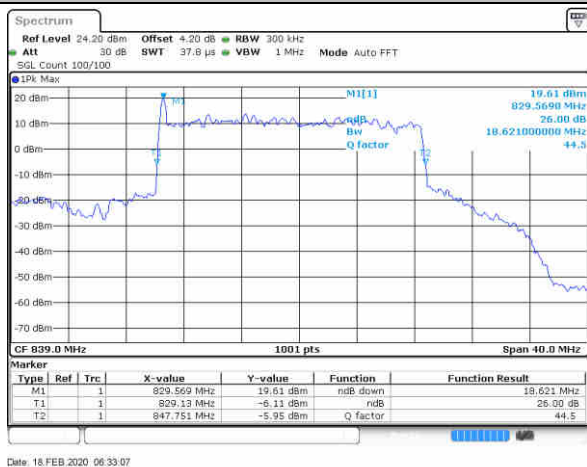
Middle Channel / BPSK



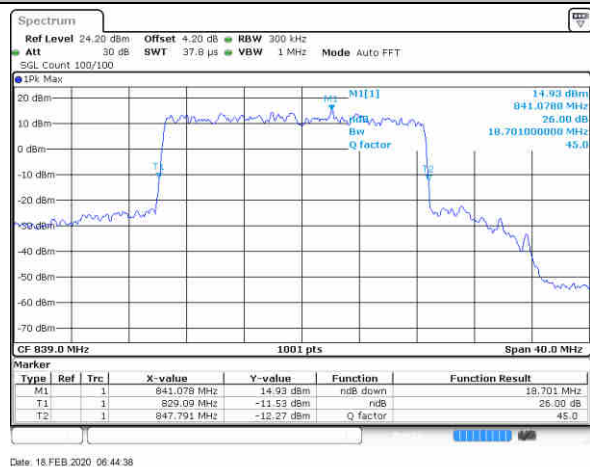
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK



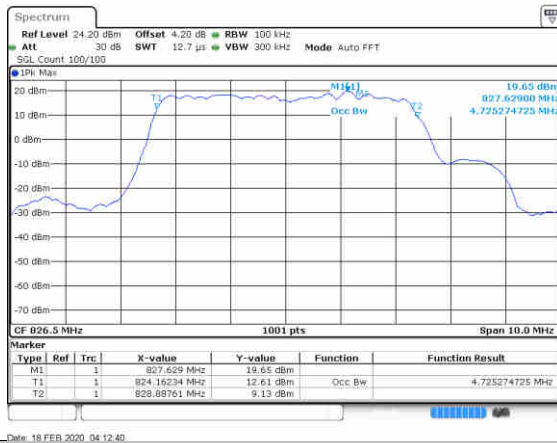


Occupied Bandwidth

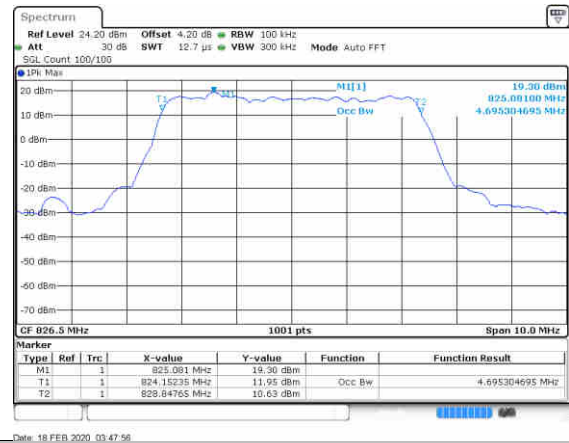
EN-DC_2A_n5A

Combination LTE 20MHz + NR 5MHz

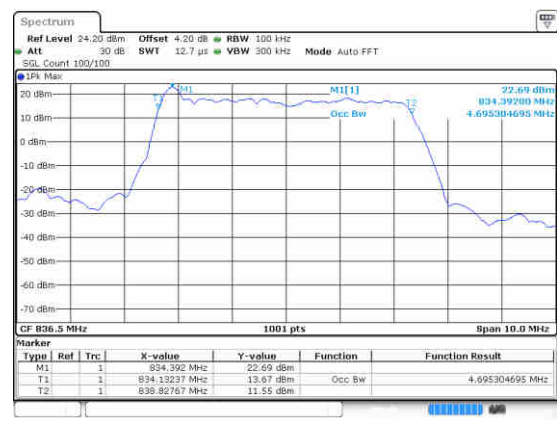
Lowest Channel / BPSK



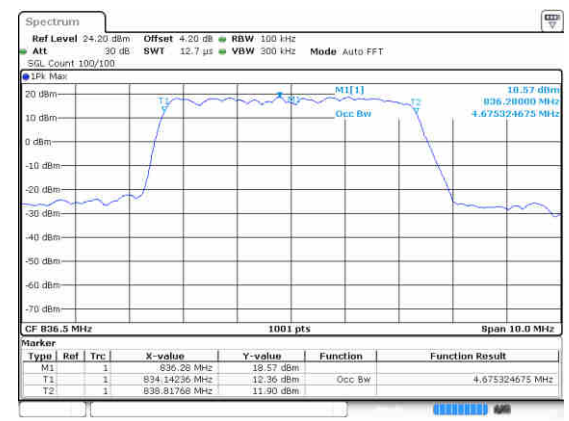
Lowest Channel / QPSK



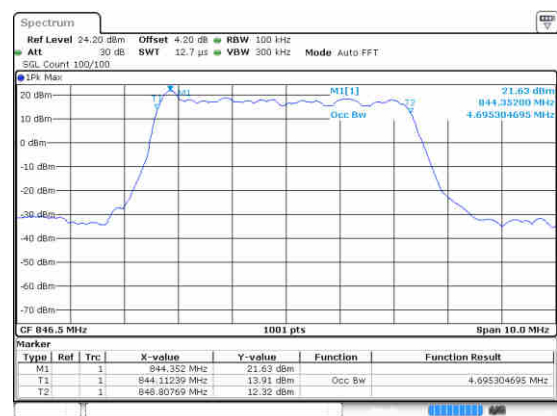
Middle Channel / BPSK



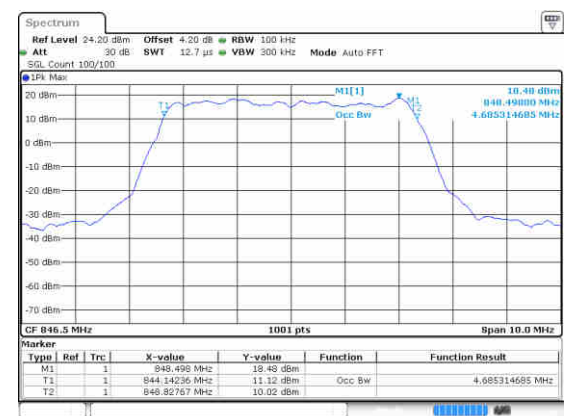
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

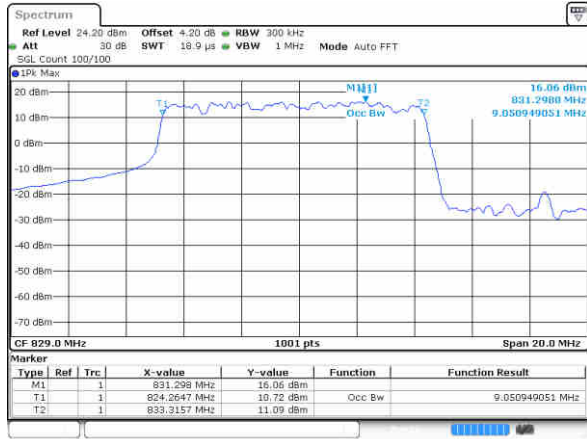




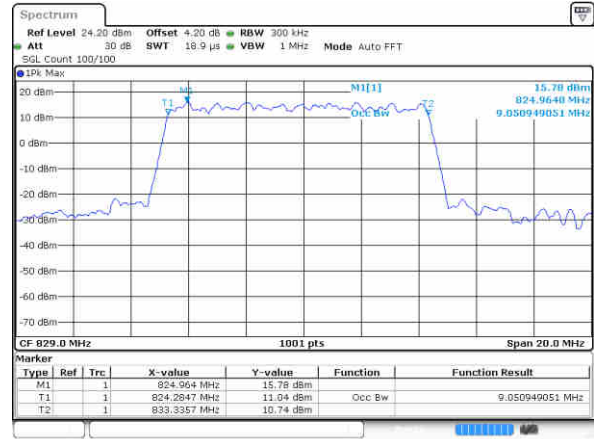
EN-DC_2A_n5A

Combination LTE 20MHz + NR 10MHz

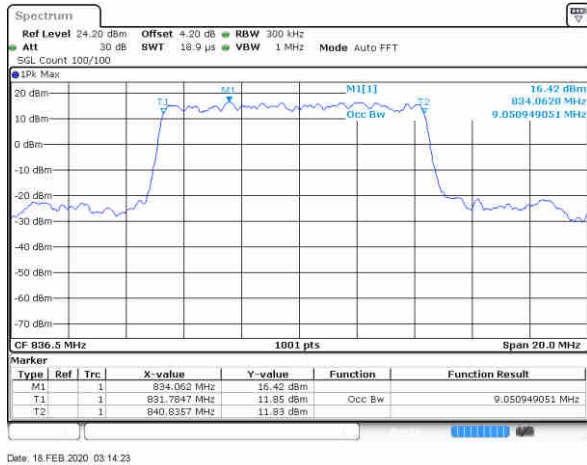
Lowest Channel / BPSK



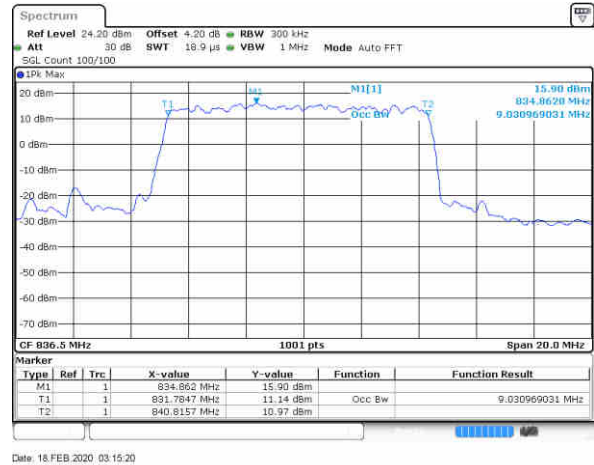
Lowest Channel / QPSK



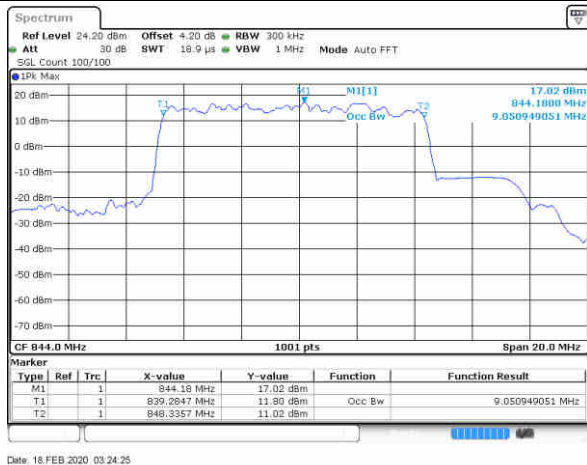
Middle Channel / BPSK



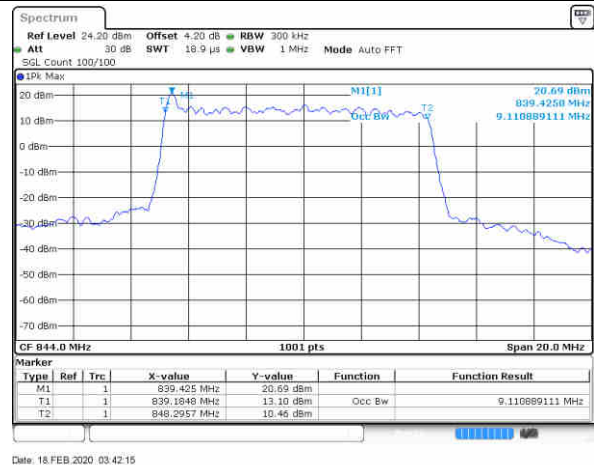
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

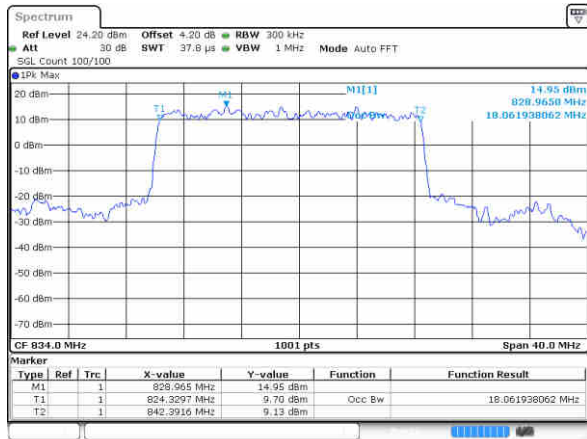




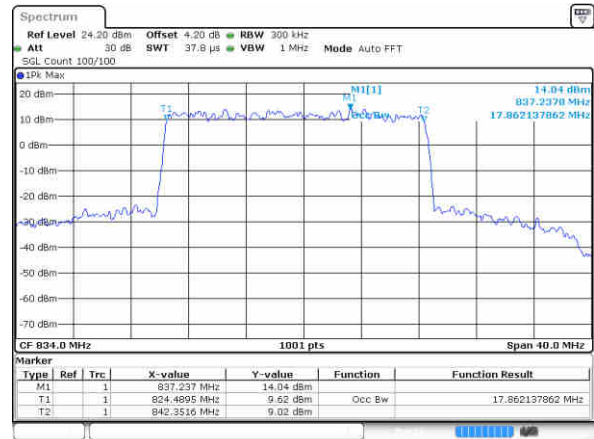
EN-DC_2A_n5A

Combination LTE 20MHz + NR 20MHz

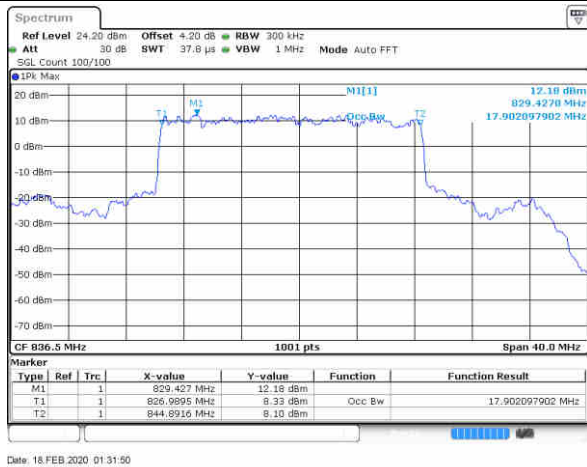
Lowest Channel / BPSK



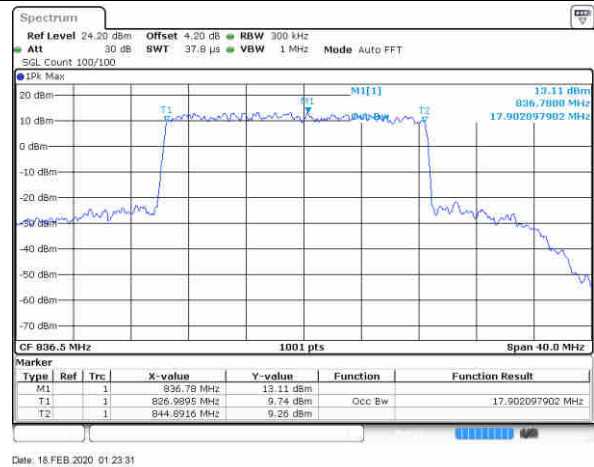
Lowest Channel / QPSK



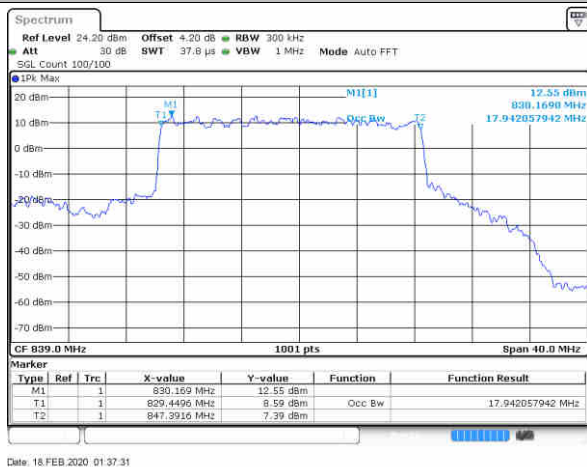
Middle Channel / BPSK



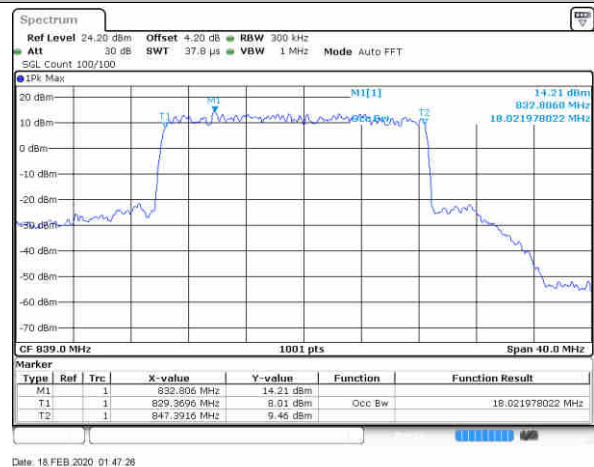
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

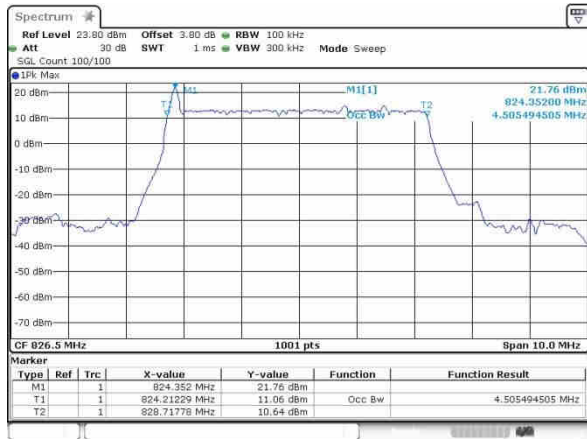




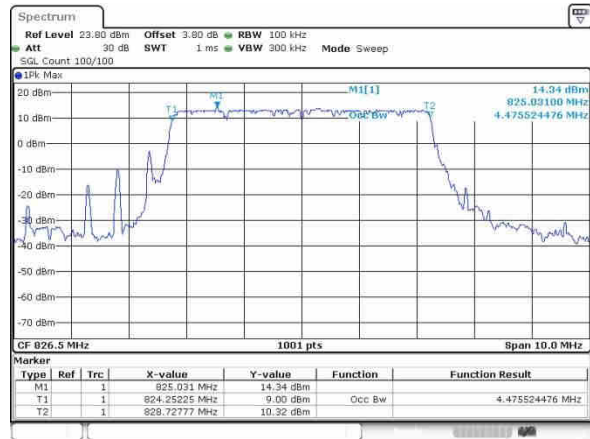
EN-DC_66A_n5A

Combination LTE 20MHz + NR 5MHz

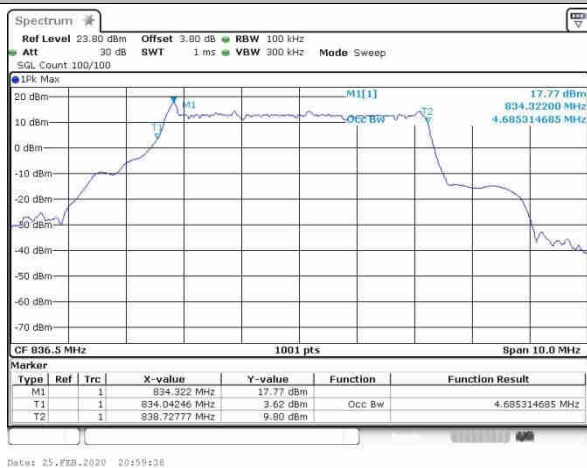
Lowest Channel / BPSK



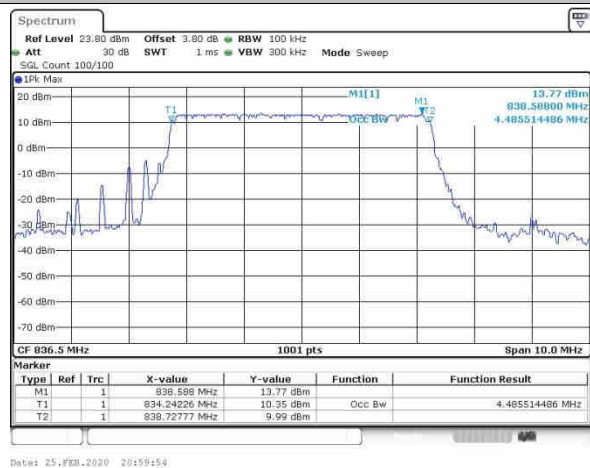
Lowest Channel / QPSK



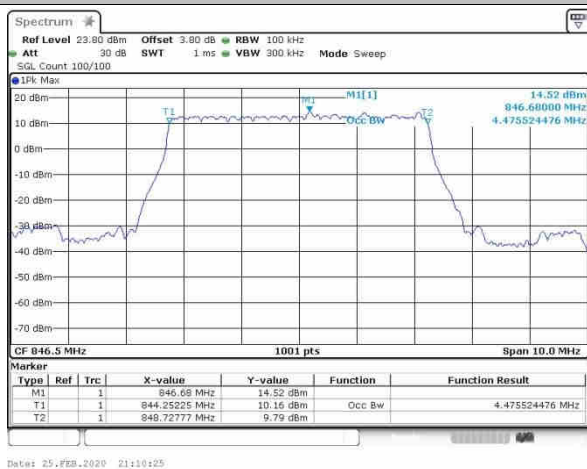
Middle Channel / BPSK



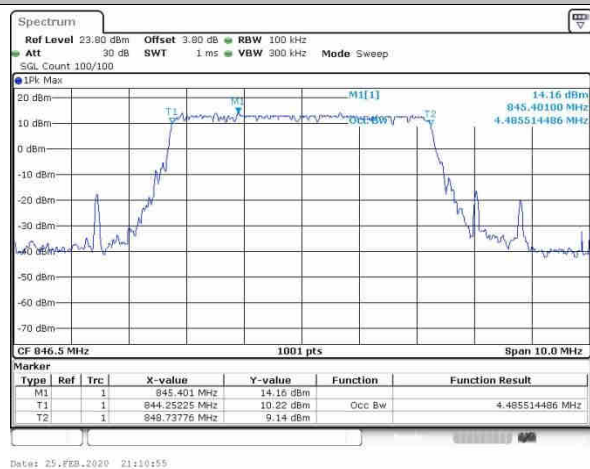
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

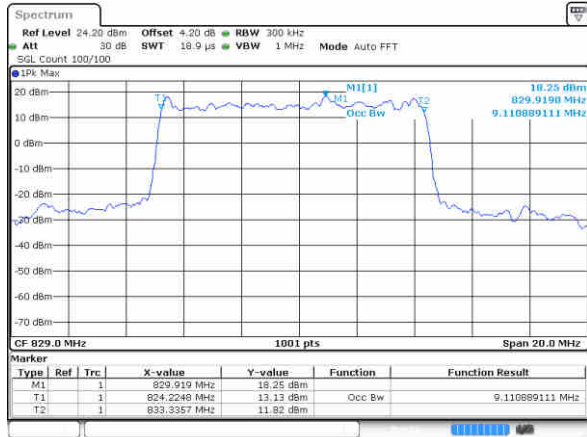




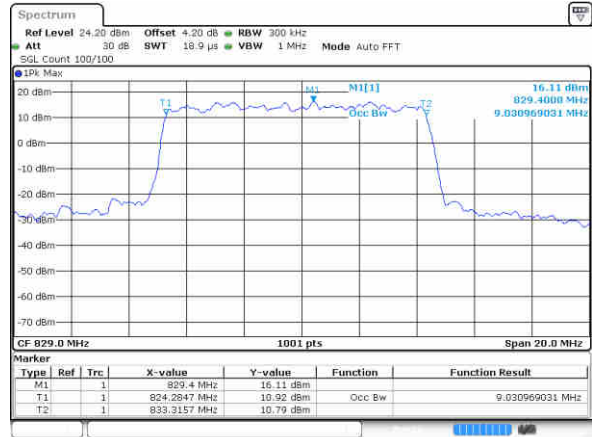
EN-DC_66A_n5A

Combination LTE 20MHz + NR 10MHz

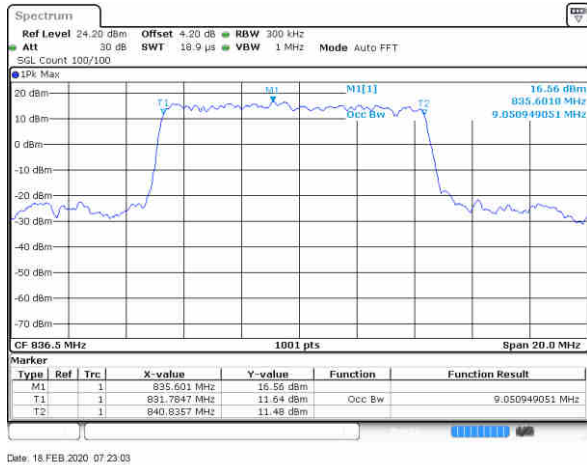
Lowest Channel / BPSK



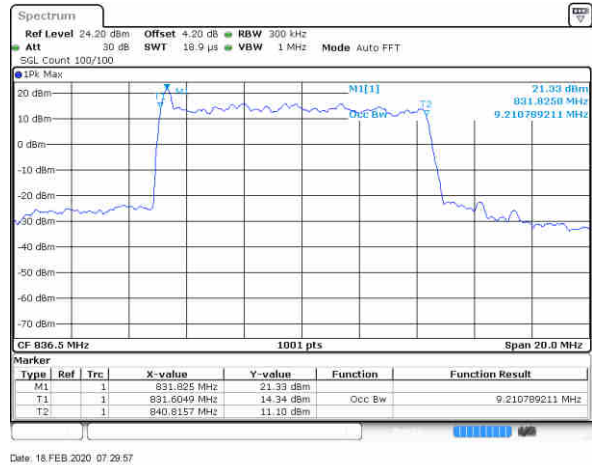
Lowest Channel / QPSK



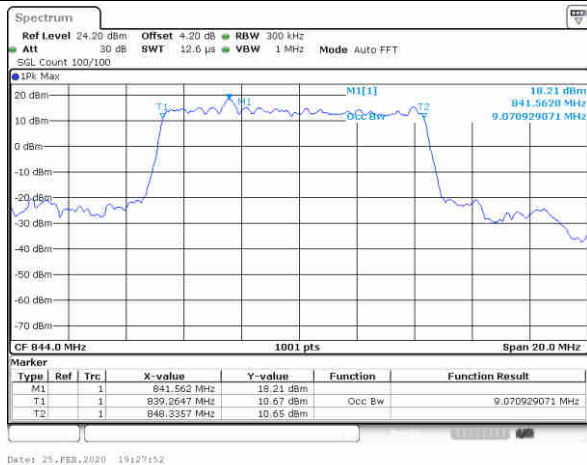
Middle Channel / BPSK



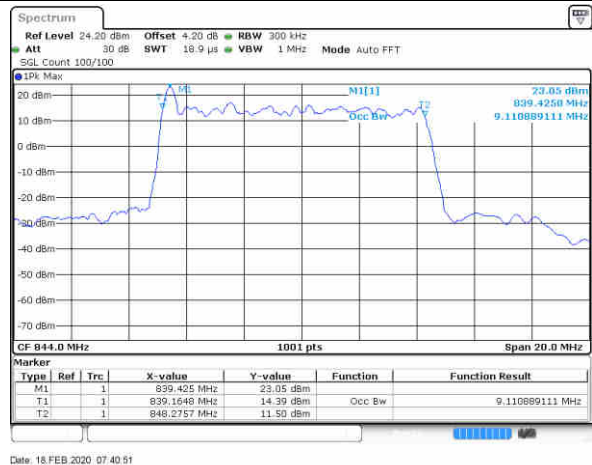
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

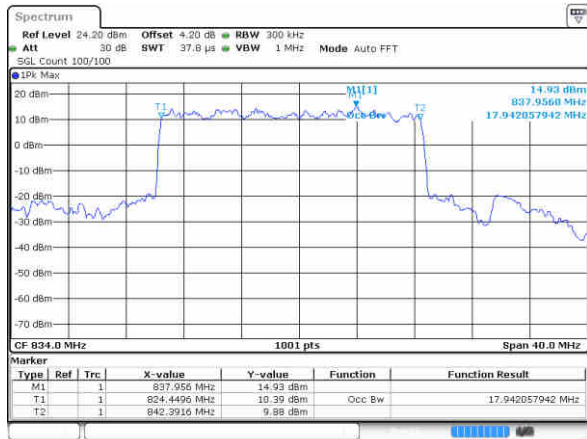




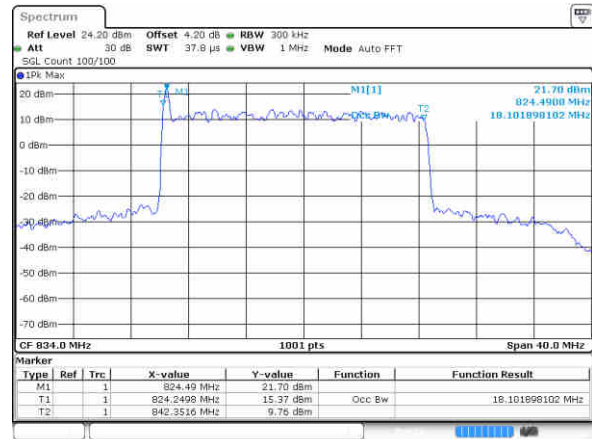
EN-DC_66A_n5A

Combination LTE 20MHz + NR 20MHz

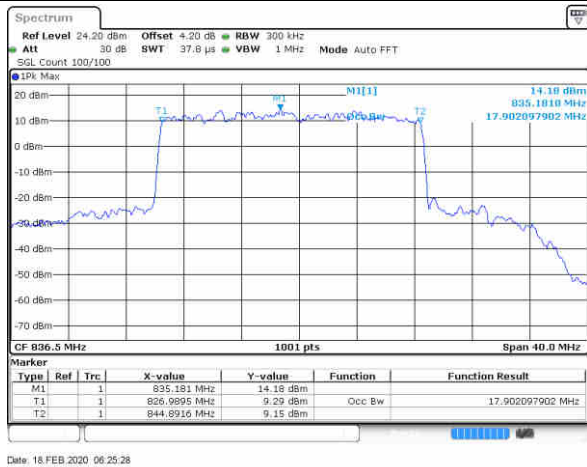
Lowest Channel / BPSK



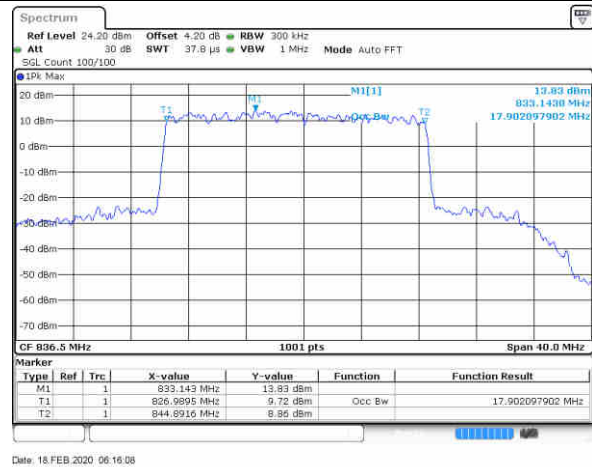
Lowest Channel / QPSK



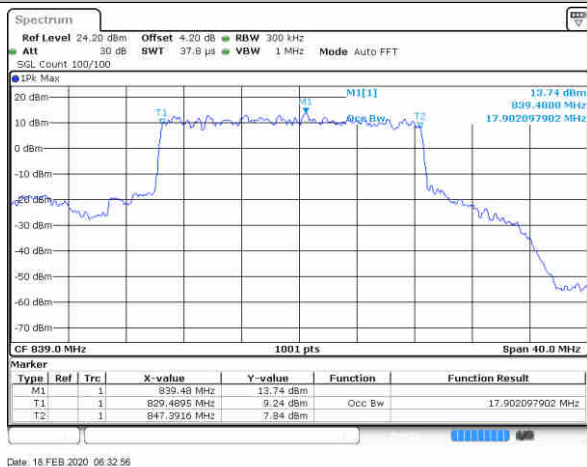
Middle Channel / BPSK



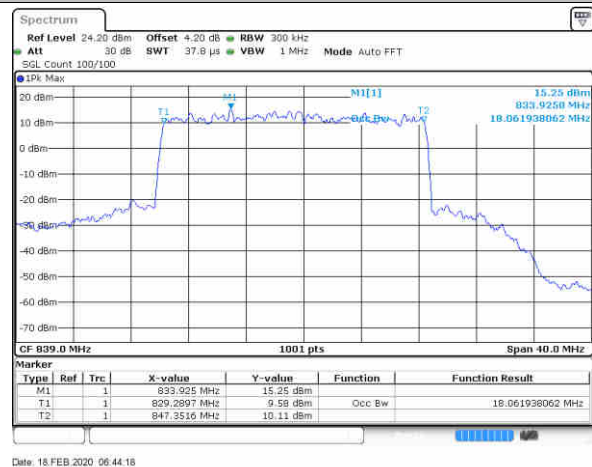
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

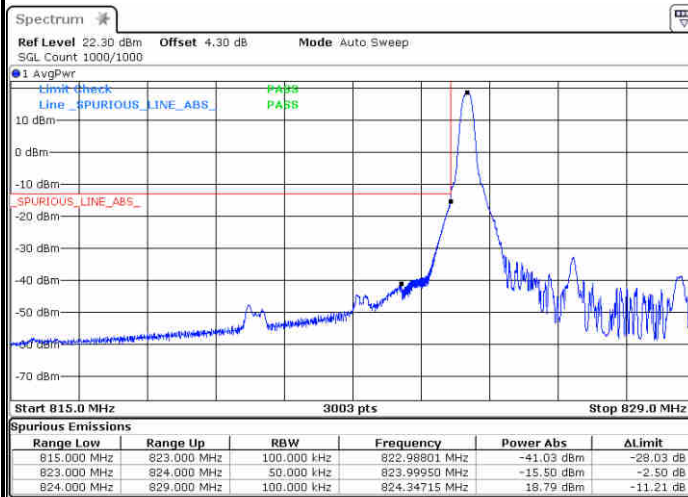




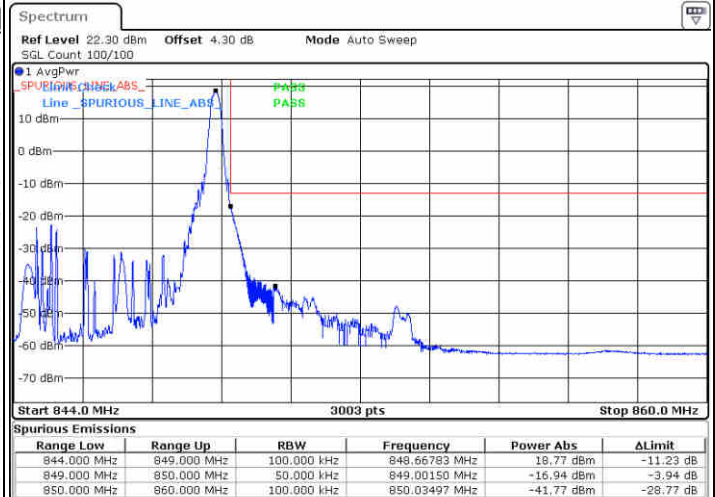
Conducted Band Edge

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

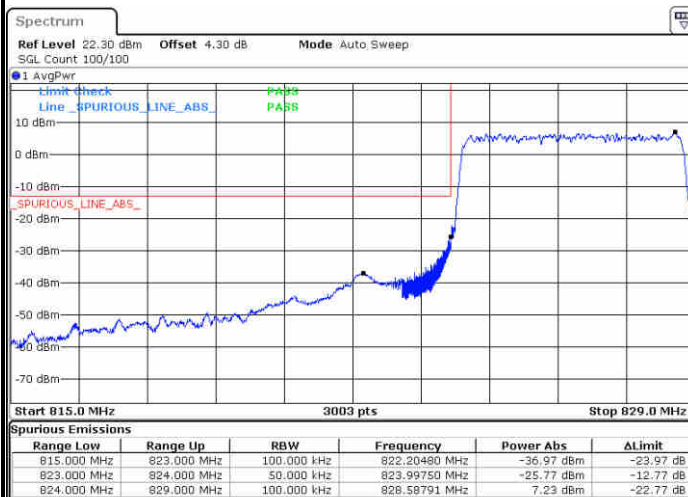
Lowest Band Edge / 1RB0



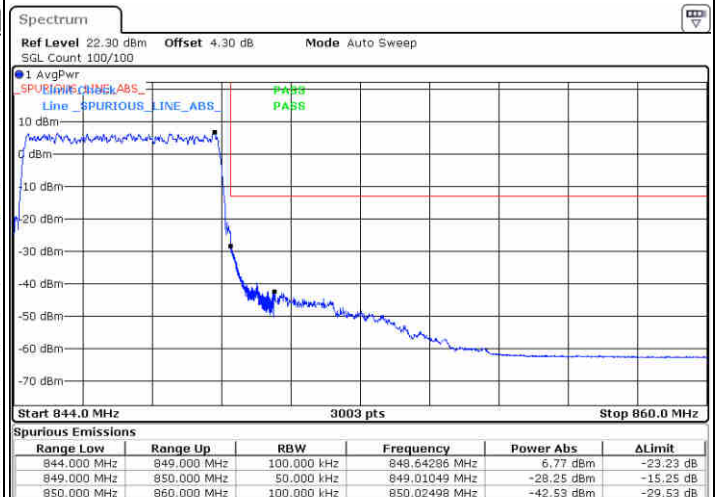
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



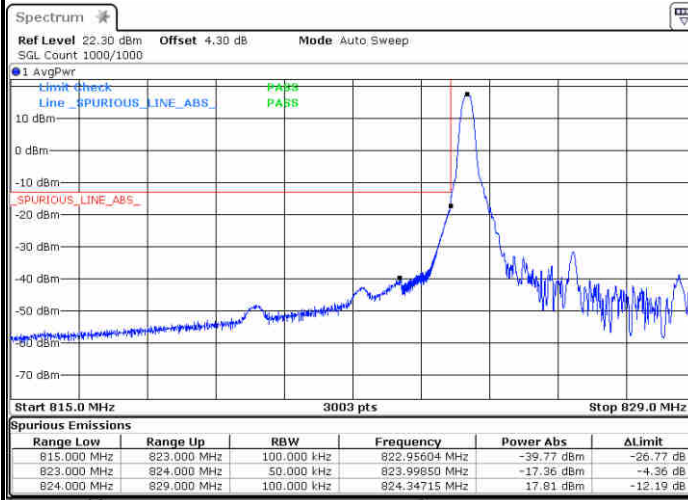
Highest Band Edge / 25RB0



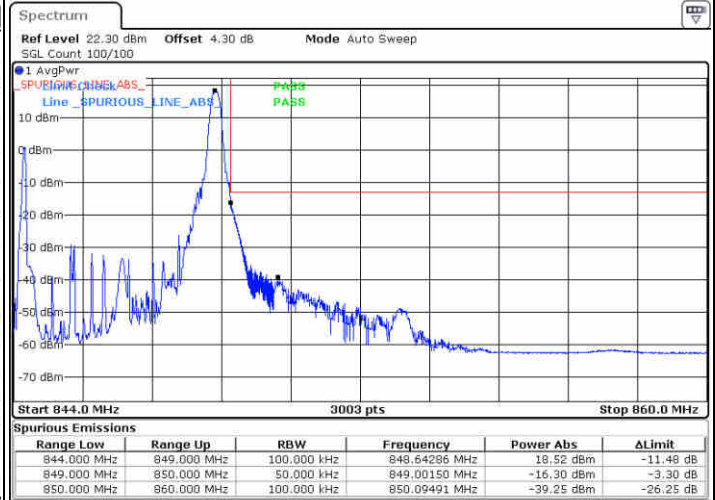


EN-DC_2A_n5A / LTE 20MHz + NR 5MHz / QPSK

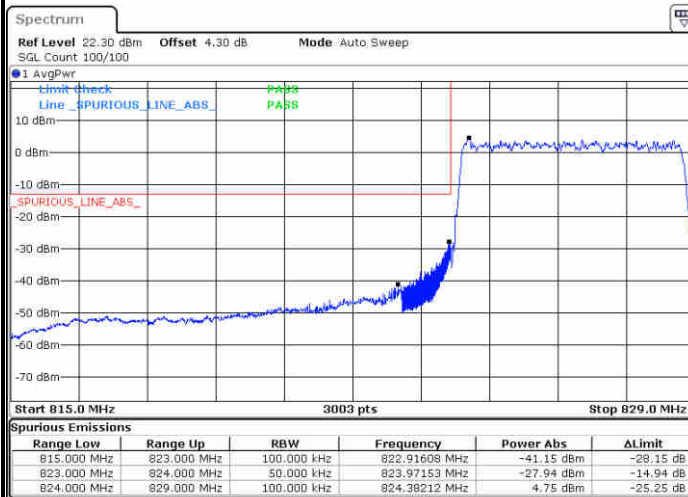
Lowest Band Edge / 1RB0



Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



Highest Band Edge / 25RB0

