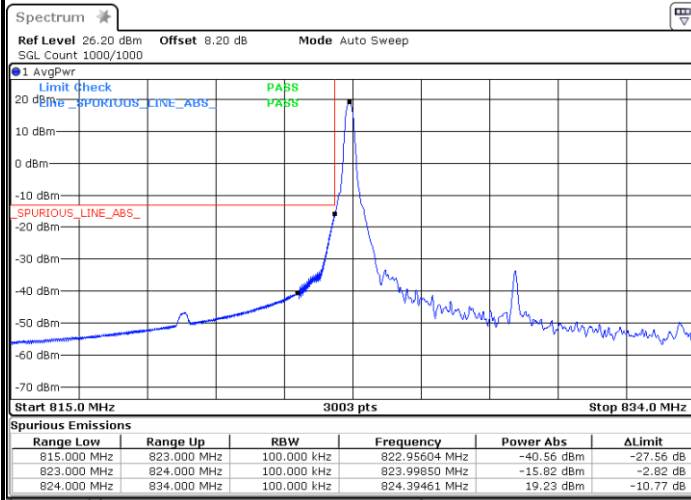


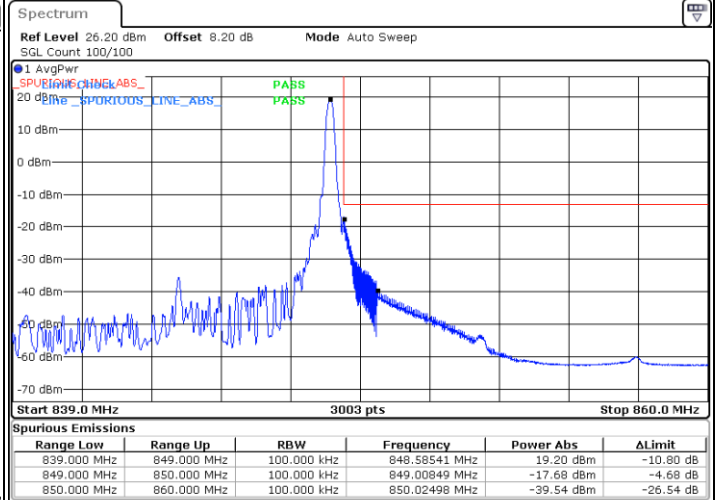


EN-DC_66A_n5A / LTE 20MHz + NR 10MHz / QPSK

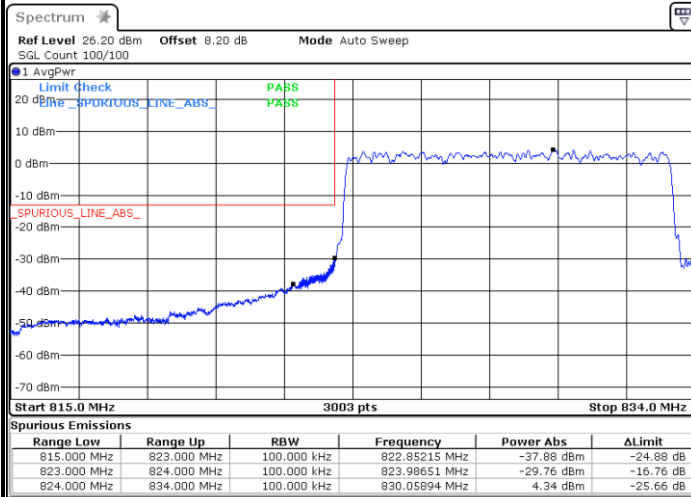
Lowest Band Edge / 1RB0



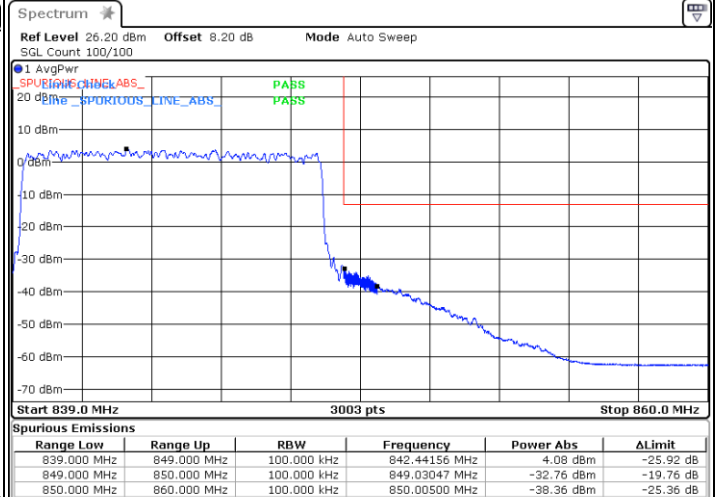
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



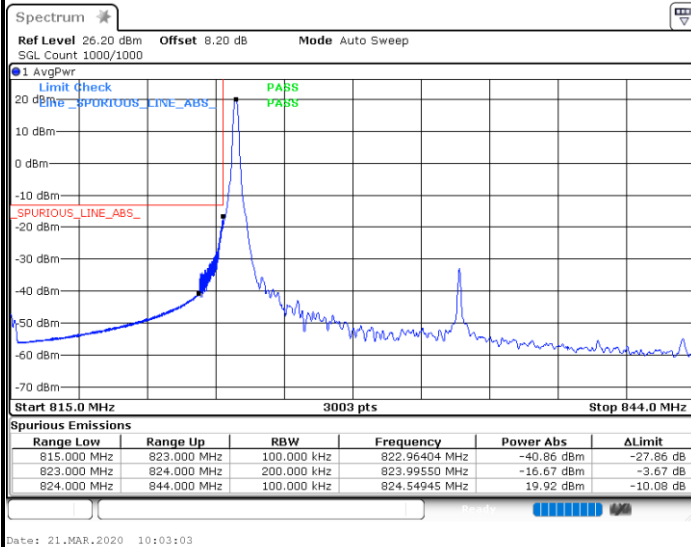
Highest Band Edge / 50RB0



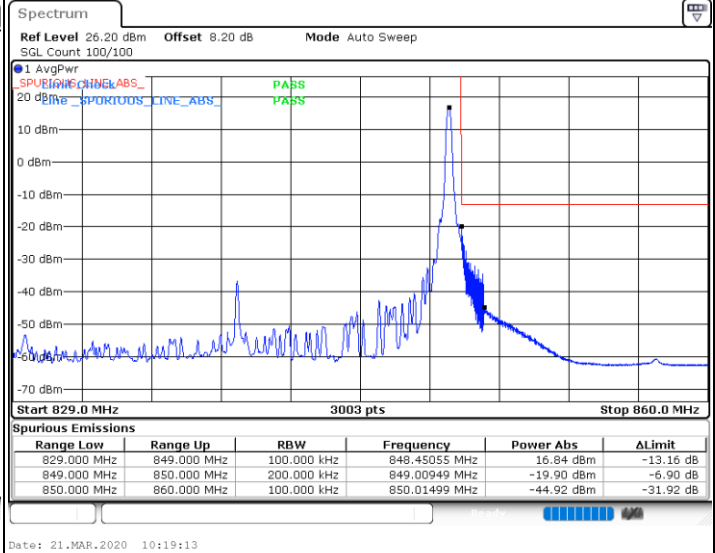


EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / BPSK

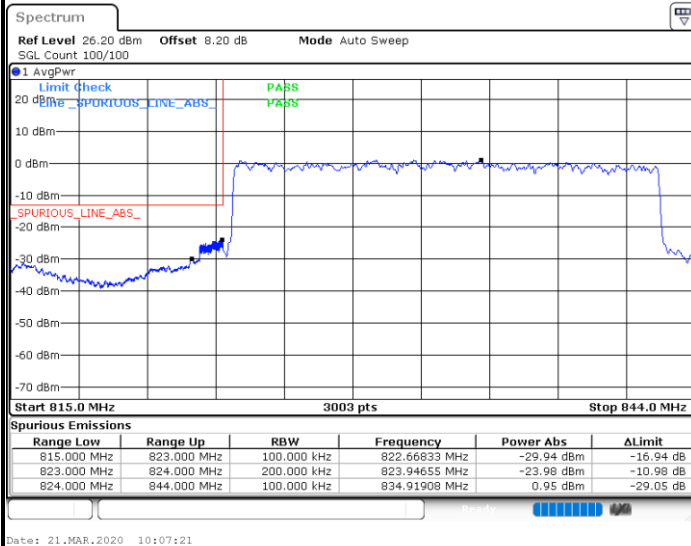
Lowest Band Edge / 1RB0



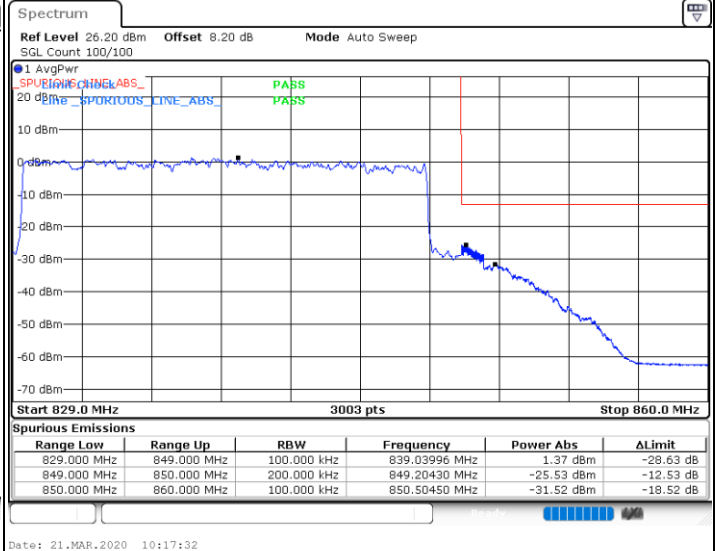
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



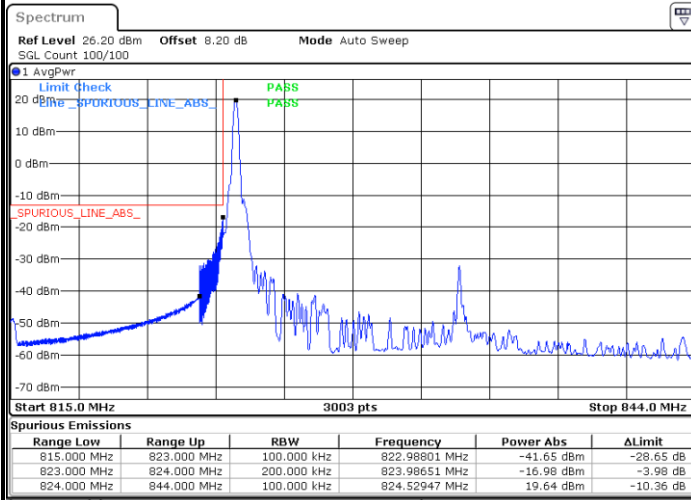
Highest Band Edge / 100RB0



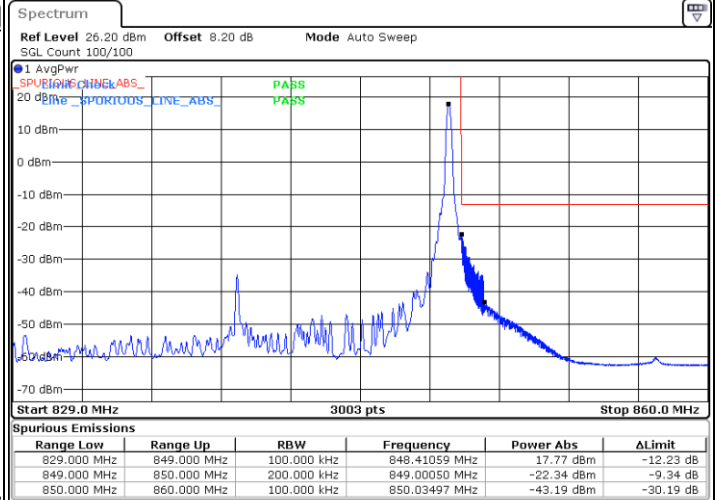


EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / QPSK

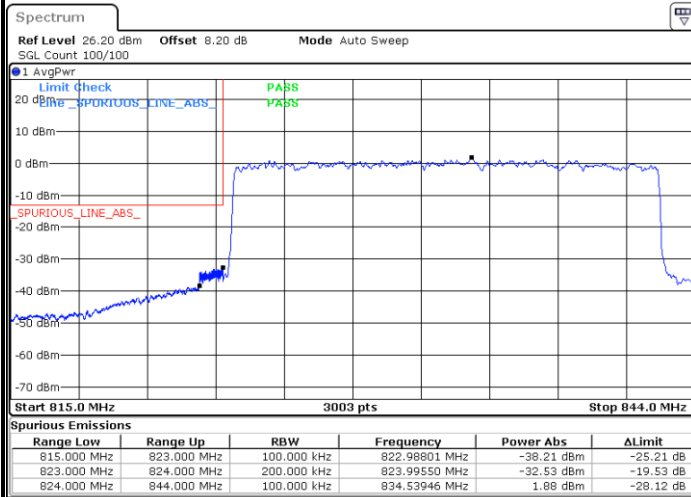
Lowest Band Edge / 1RB0



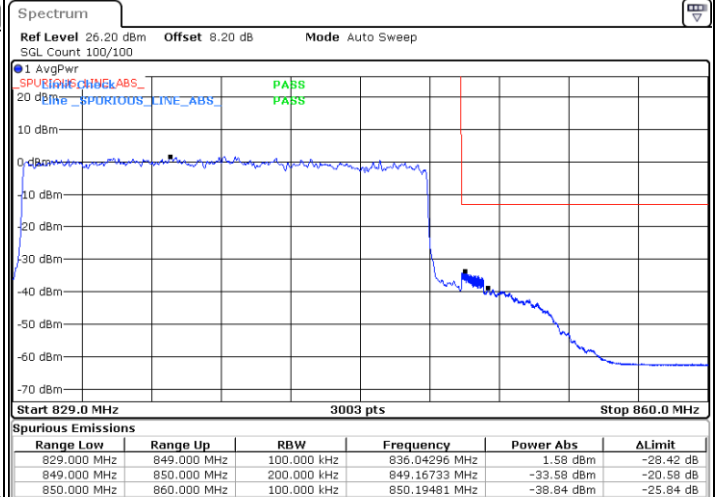
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



Highest Band Edge / 100RB0

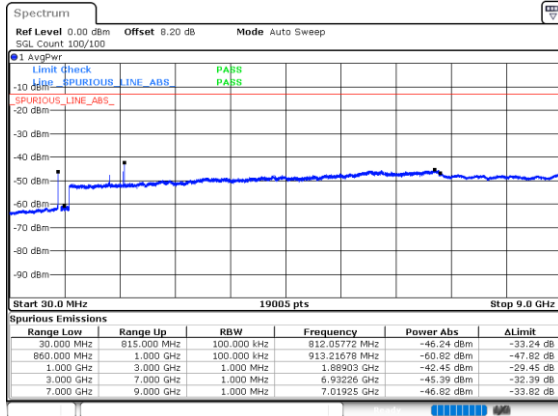




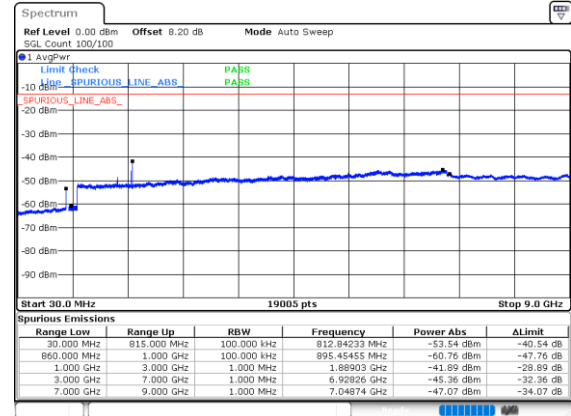
Conducted Spurious Emission

EN-DC_2A_n5A / LTE 20MHz + NR 5MHz

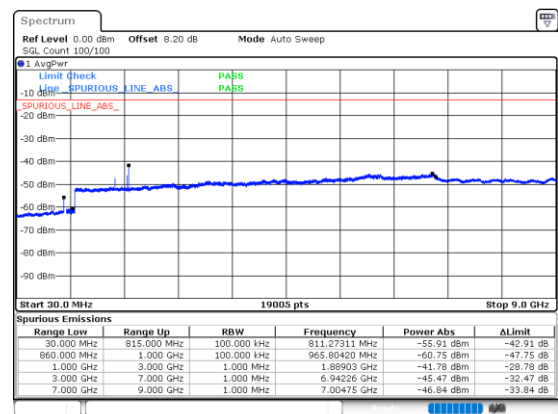
Lowest Channel / BPSK



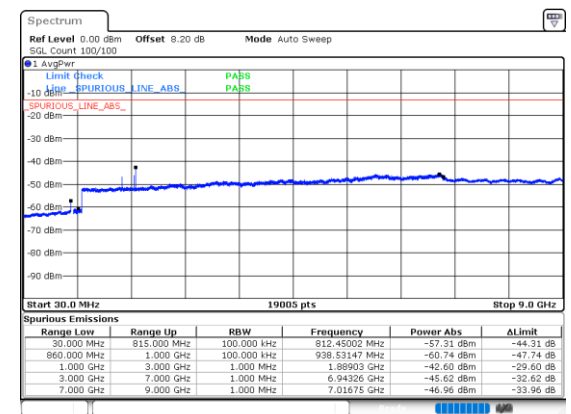
Lowest Channel / QPSK



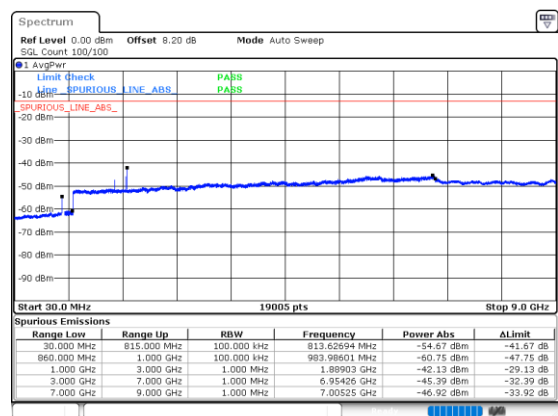
Middle Channel / BPSK



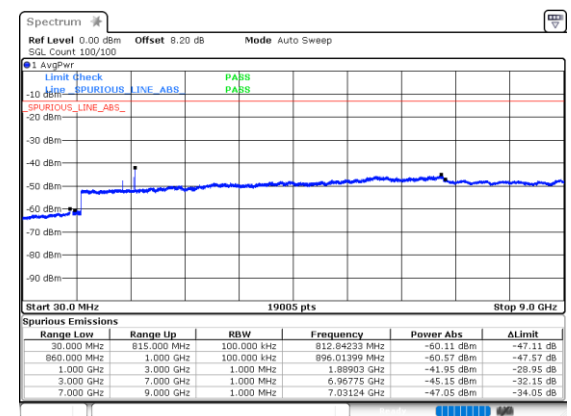
Middle Channel / QPSK



Highest Channel / BPSK



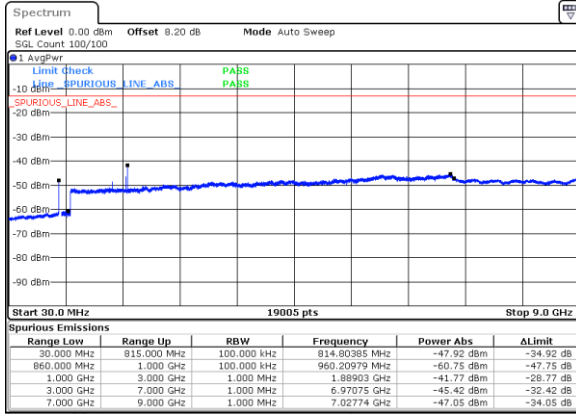
Highest Channel / QPSK





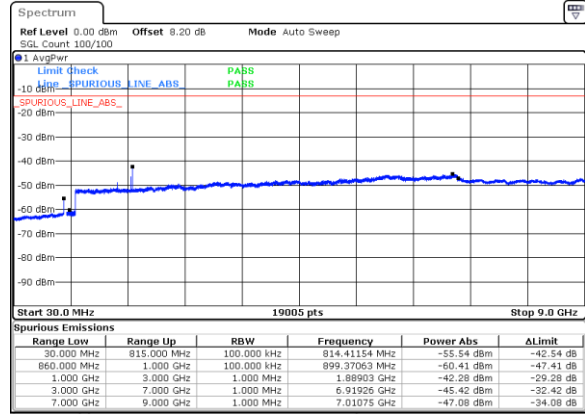
EN-DC_2A_n5A / LTE 20MHz + NR 10MHz

Lowest Channel / BPSK



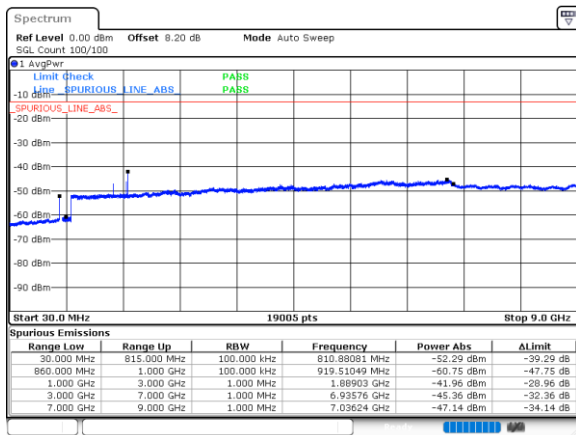
Date: 19.MAR.2020 21:56:14

Lowest Channel / QPSK



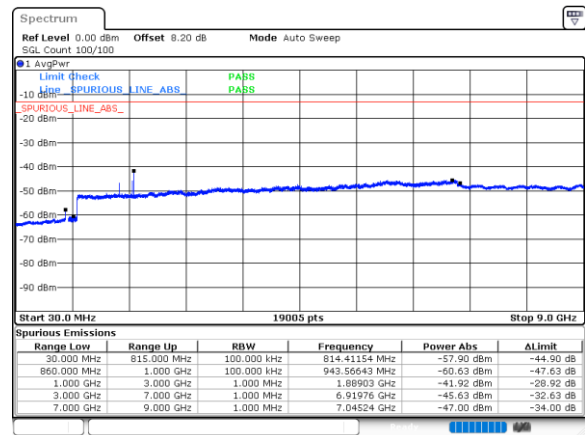
Date: 19.MAR.2020 21:52:17

Middle Channel / BPSK



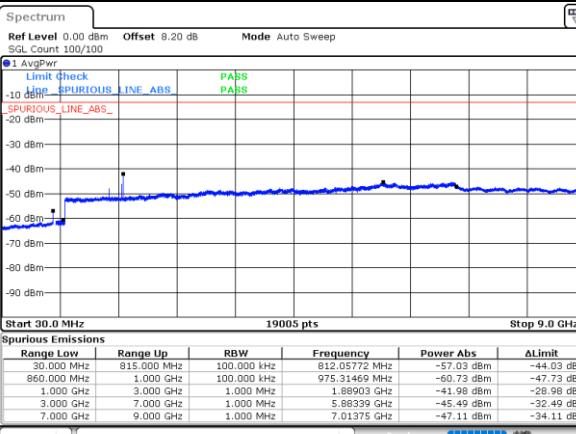
Date: 19.MAR.2020 21:56:24

Middle Channel / QPSK



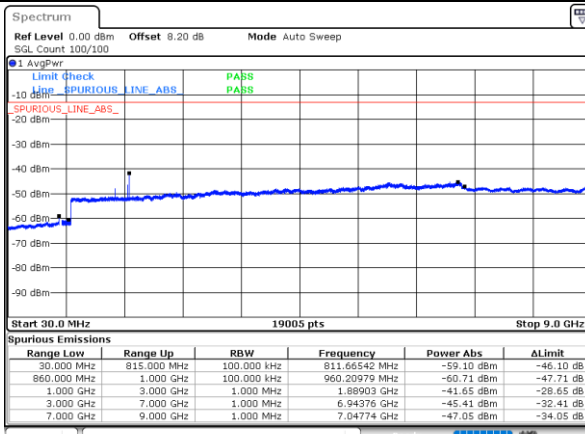
Date: 19.MAR.2020 21:54:25

Highest Channel / BPSK



Date: 19.MAR.2020 21:56:26

Highest Channel / QPSK

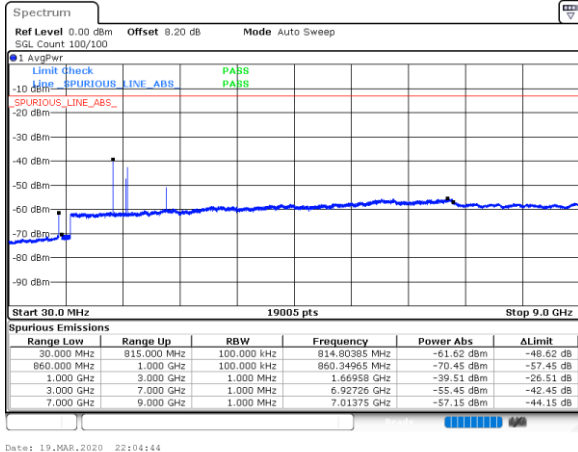


Date: 19.MAR.2020 22:00:25

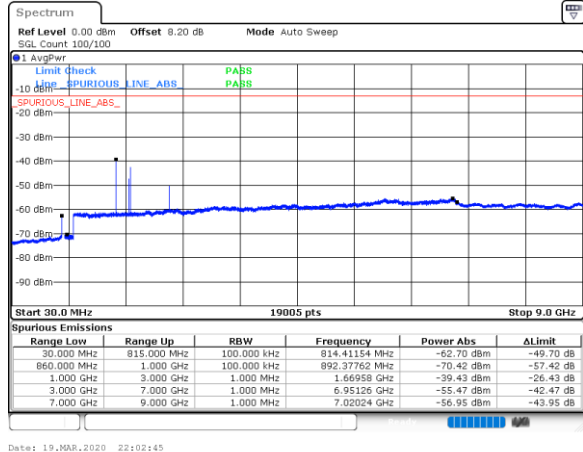


EN-DC_2A_n5A / LTE 20MHz + NR 20MHz

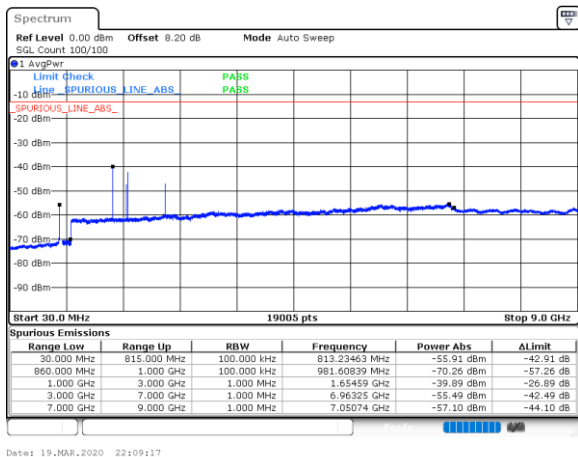
Lowest Channel / BPSK



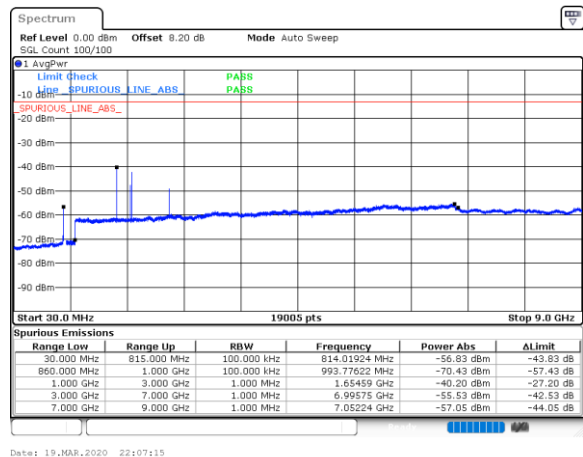
Lowest Channel / QPSK



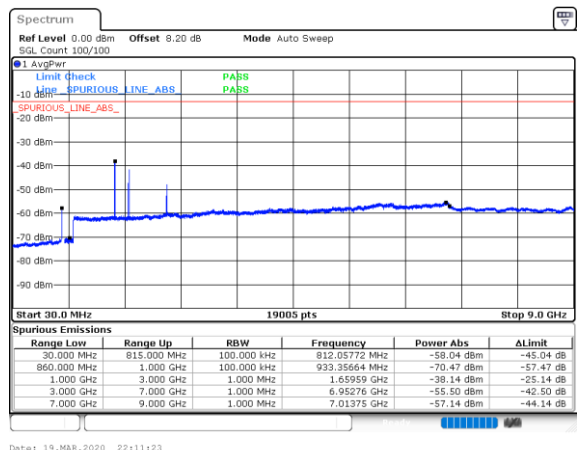
Middle Channel / BPSK



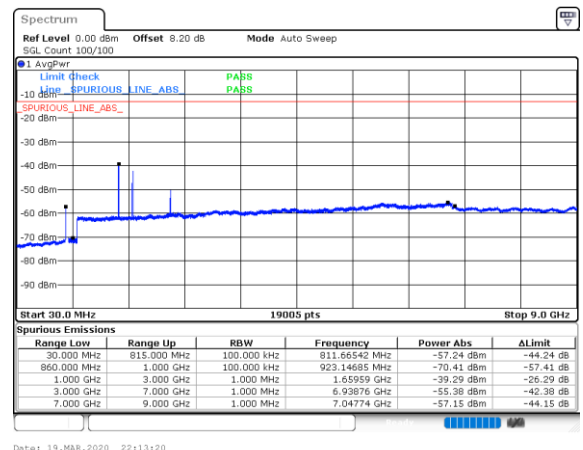
Middle Channel / QPSK



Highest Channel / BPSK



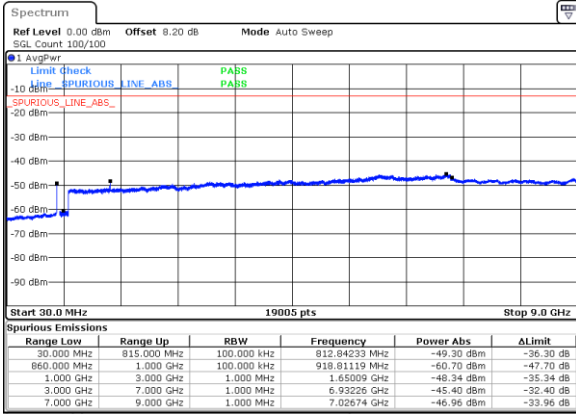
Highest Channel / QPSK



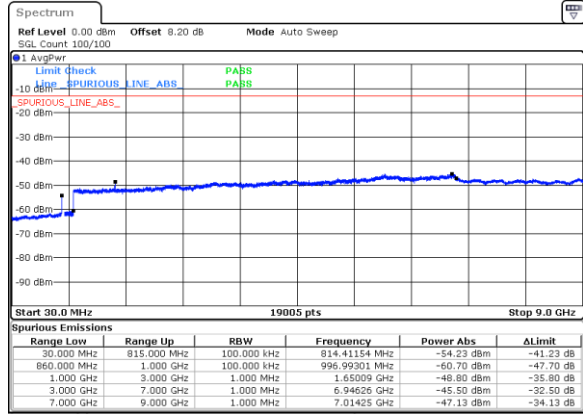


EN-DC_7A_n5A / LTE 20MHz + NR 5MHz

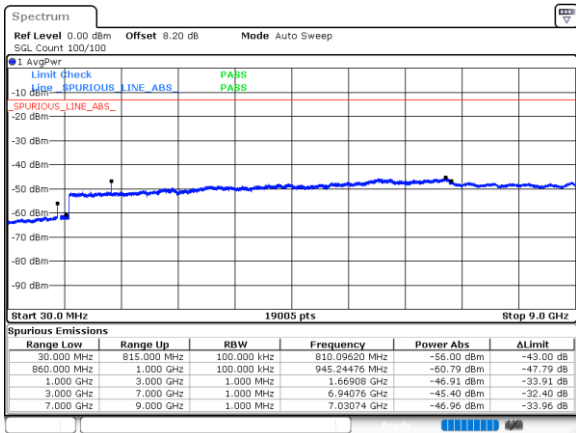
Lowest Channel / BPSK



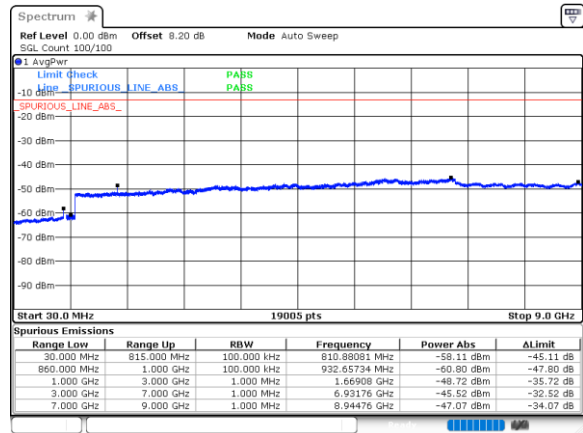
Lowest Channel / QPSK



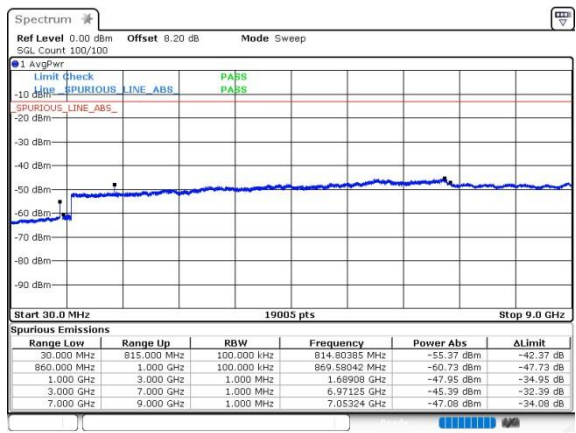
Middle Channel / BPSK



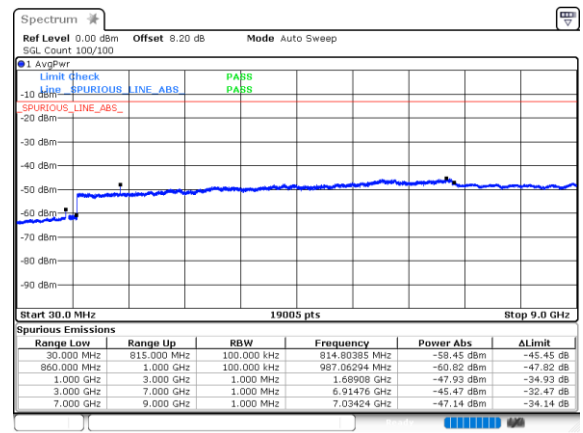
Middle Channel / QPSK



Highest Channel / BPSK



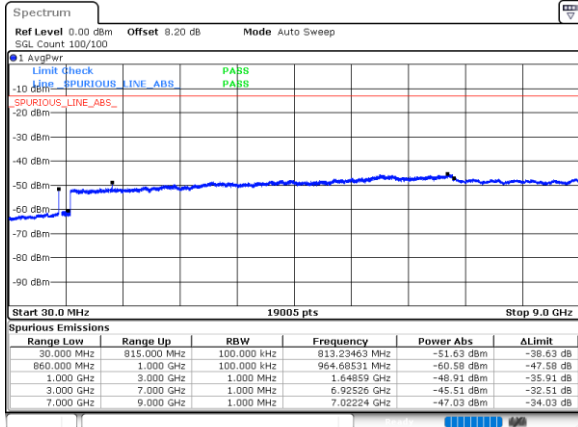
Highest Channel / QPSK



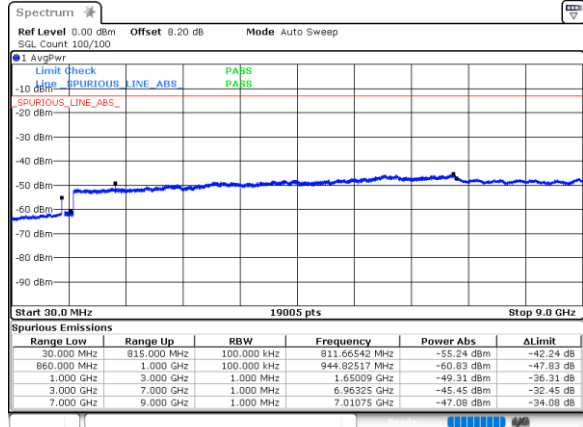


EN-DC_7A_n5A / LTE 20MHz + NR 10MHz

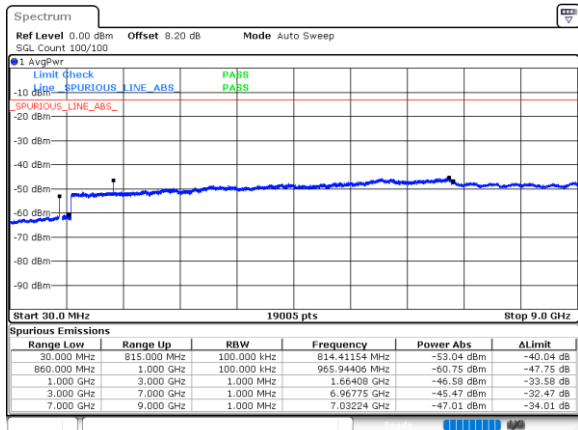
Lowest Channel / BPSK



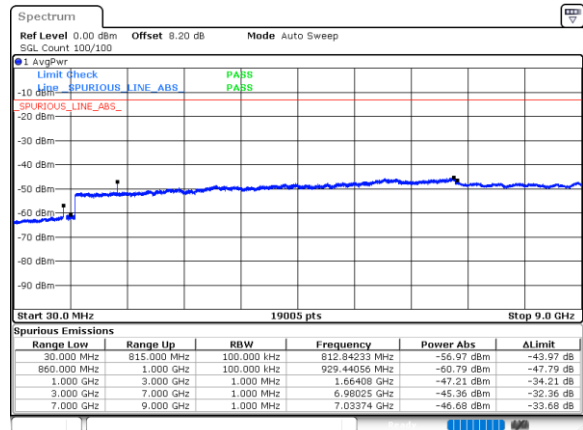
Lowest Channel / QPSK



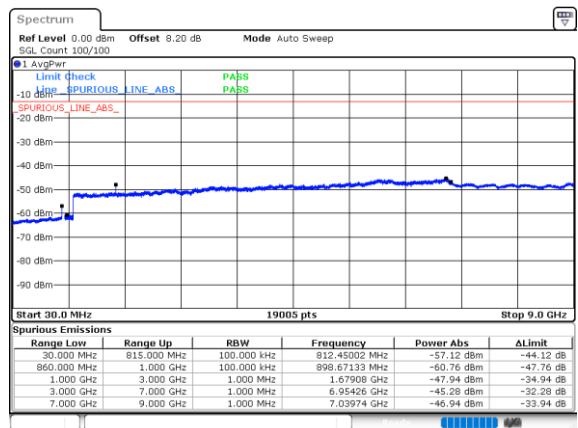
Middle Channel / BPSK



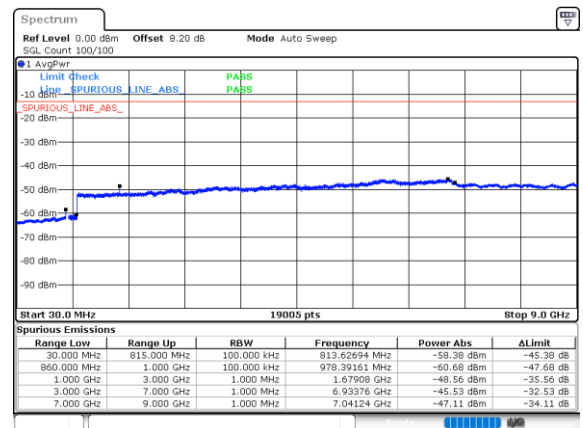
Middle Channel / QPSK



Highest Channel / BPSK



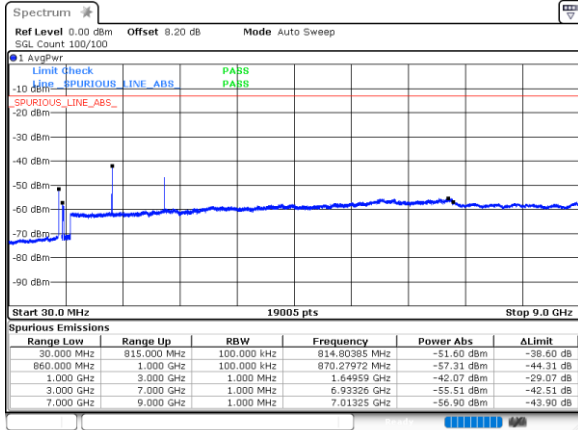
Highest Channel / QPSK



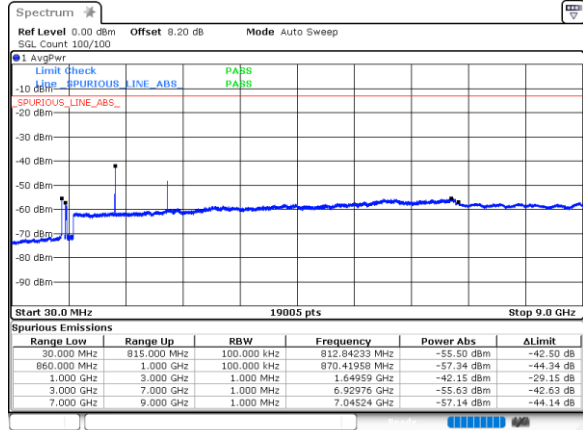


EN-DC_7A_n5A / LTE 20MHz + NR 20MHz

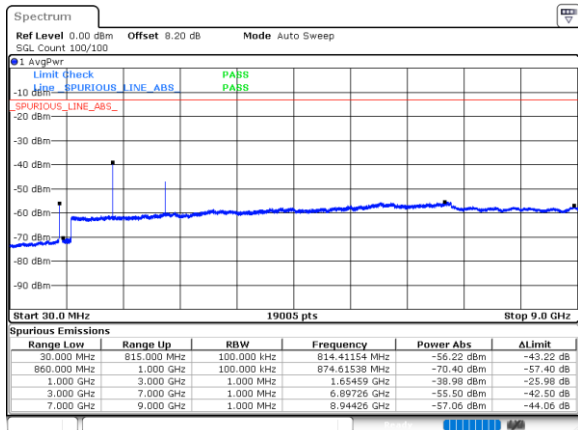
Lowest Channel / BPSK



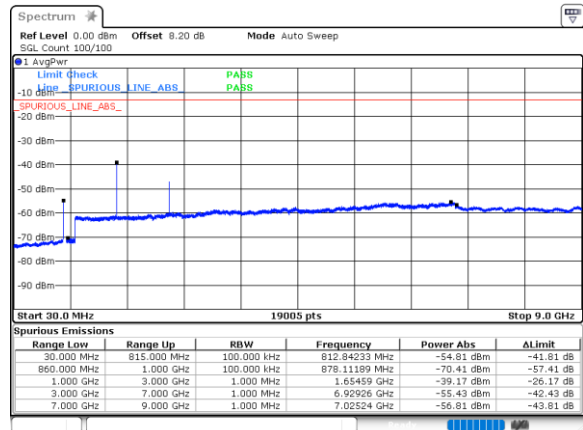
Lowest Channel / QPSK



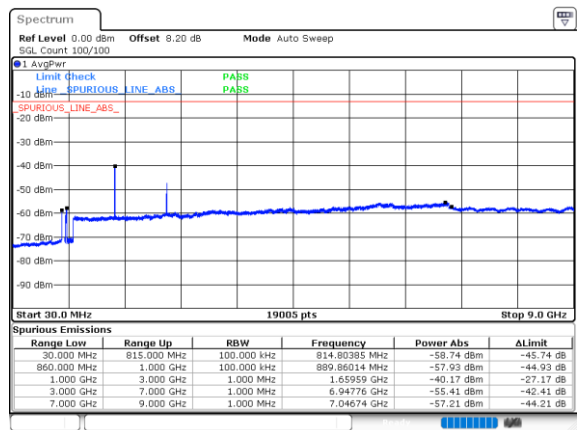
Middle Channel / BPSK



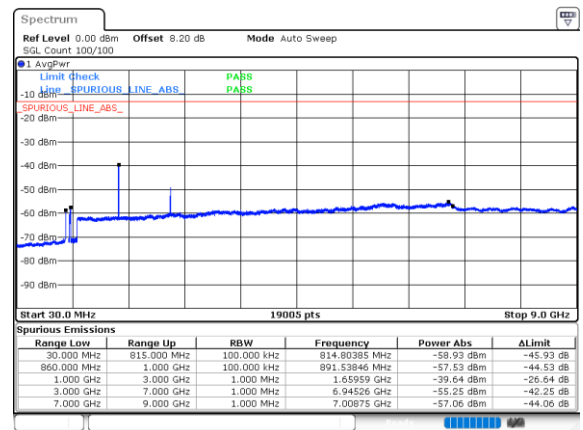
Middle Channel / QPSK



Highest Channel / BPSK



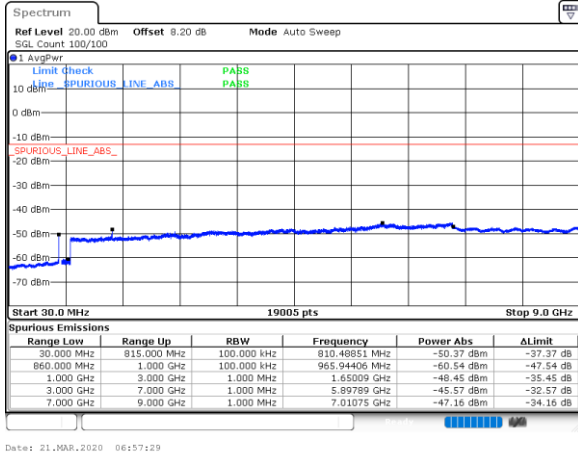
Highest Channel / QPSK



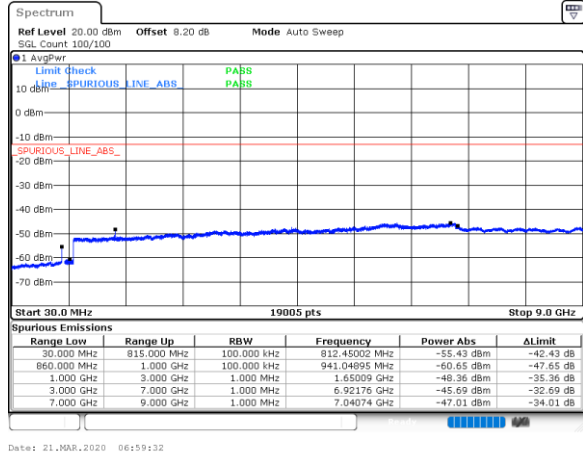


EN-DC_30A_n5A / LTE 20MHz + NR 5MHz

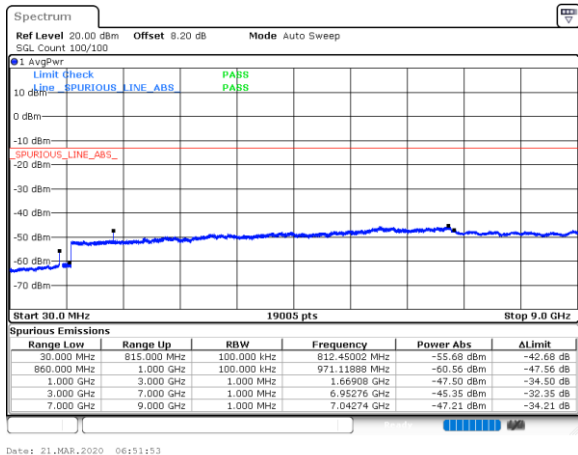
Lowest Channel / BPSK



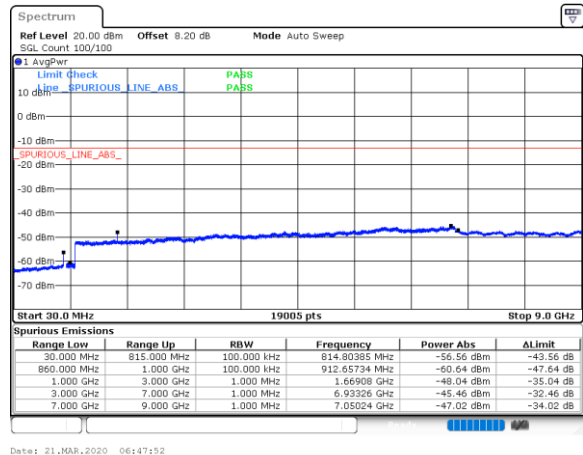
Lowest Channel / QPSK



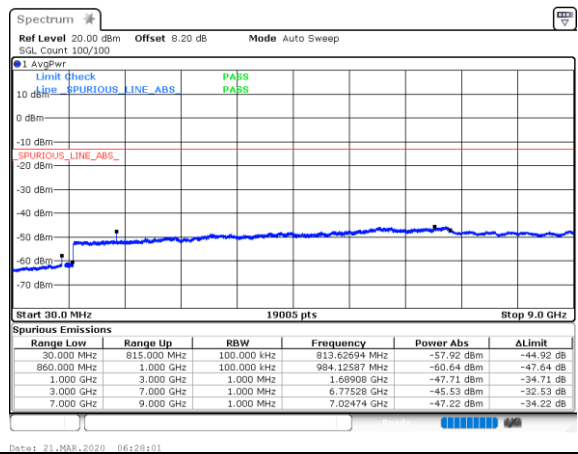
Middle Channel / BPSK



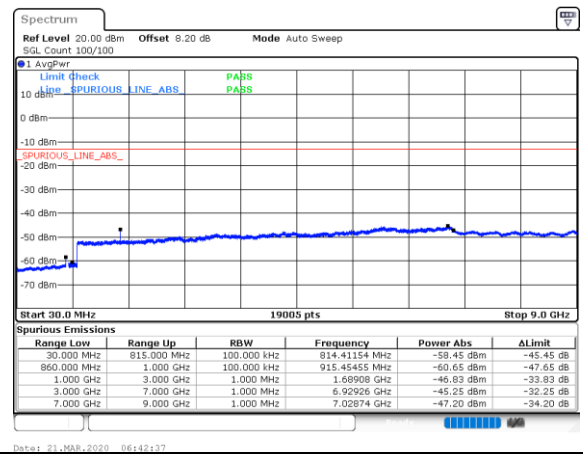
Middle Channel / QPSK



Highest Channel / BPSK



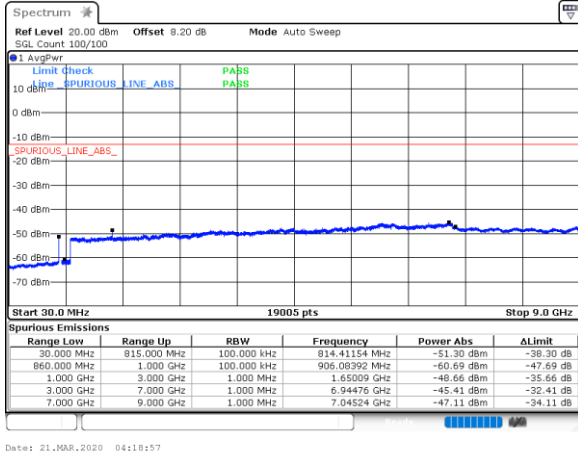
Highest Channel / QPSK



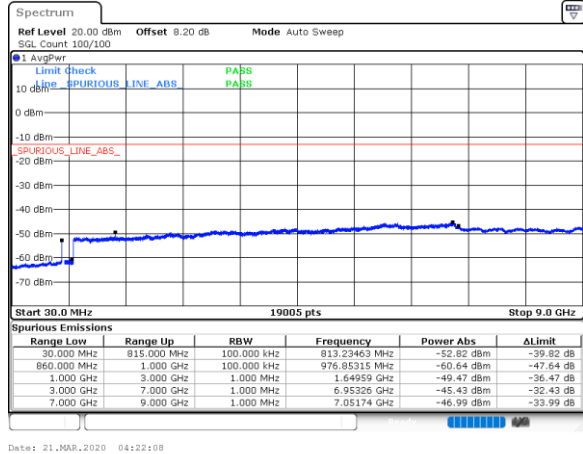


EN-DC_30A_n5A / LTE 20MHz + NR 10MHz

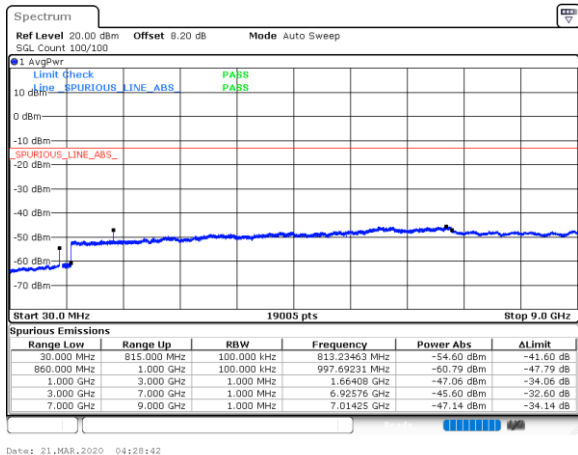
Lowest Channel / BPSK



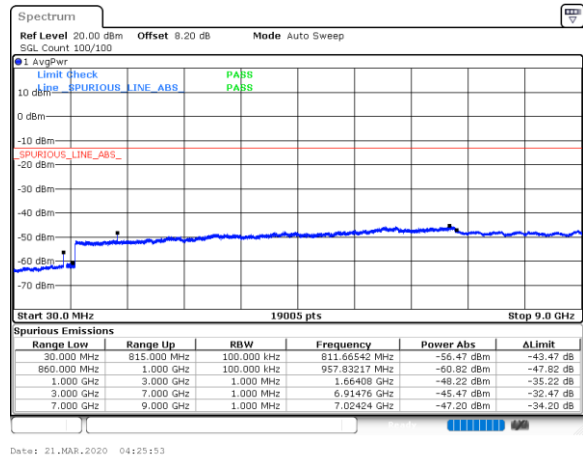
Lowest Channel / QPSK



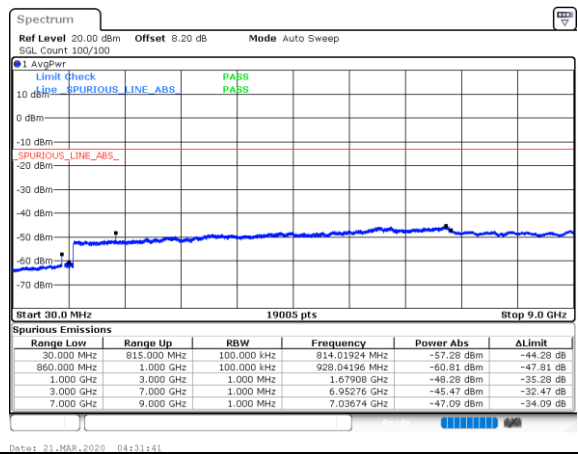
Middle Channel / BPSK



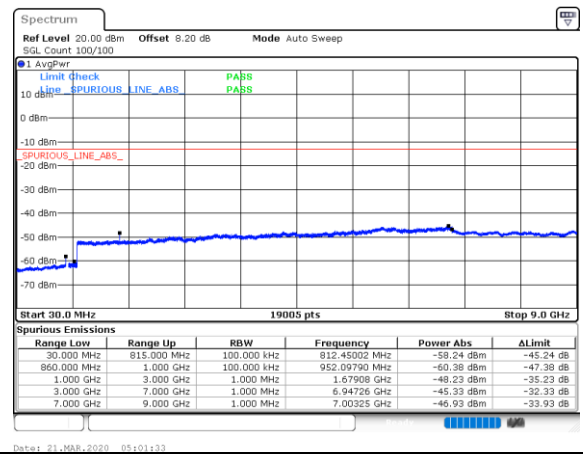
Middle Channel / QPSK



Highest Channel / BPSK



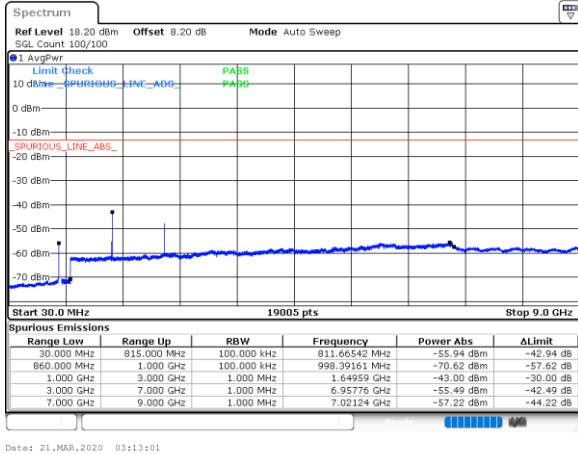
Highest Channel / QPSK



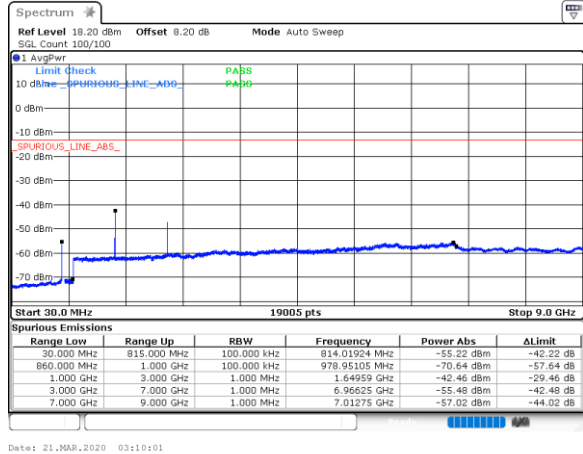


EN-DC_30A_n5A / LTE 20MHz + NR 20MHz

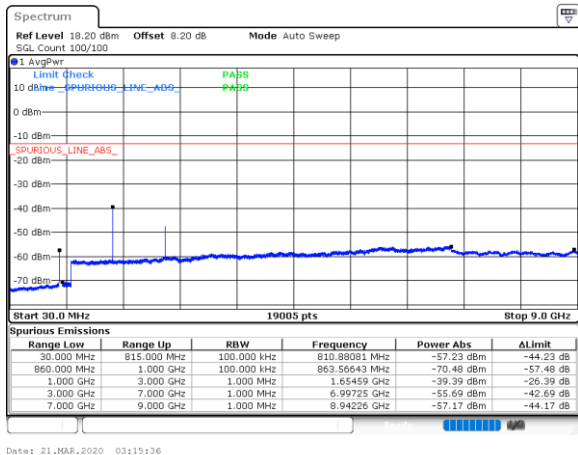
Lowest Channel / BPSK



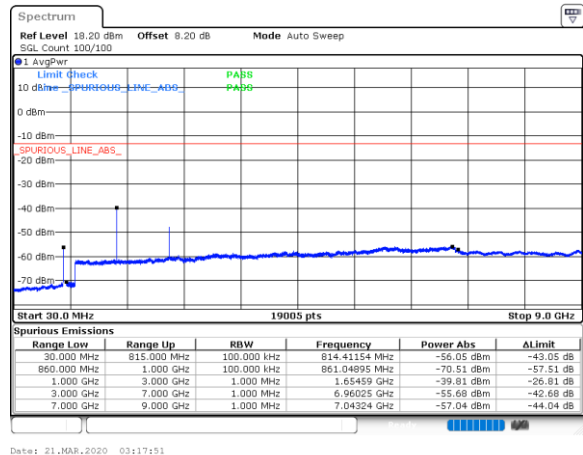
Lowest Channel / QPSK



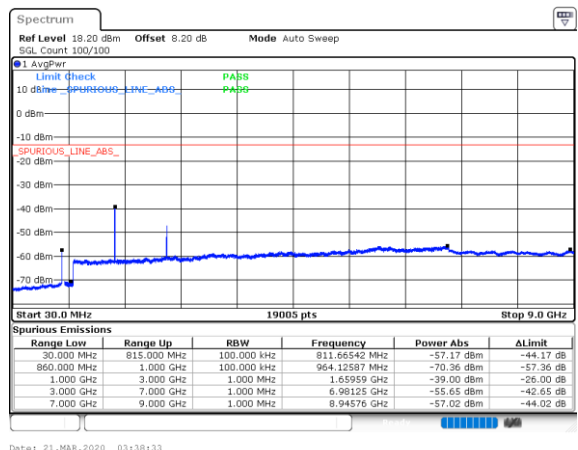
Middle Channel / BPSK



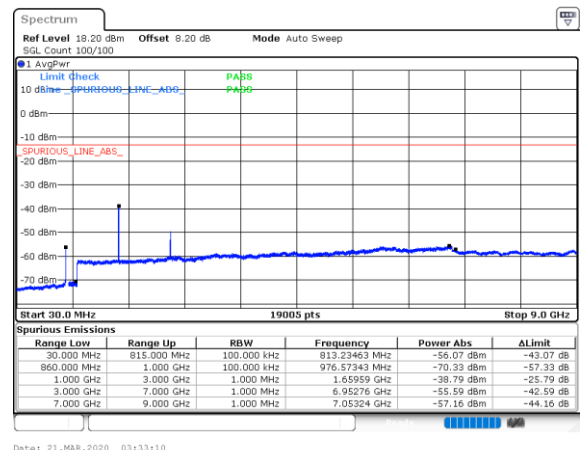
Middle Channel / QPSK



Highest Channel / BPSK



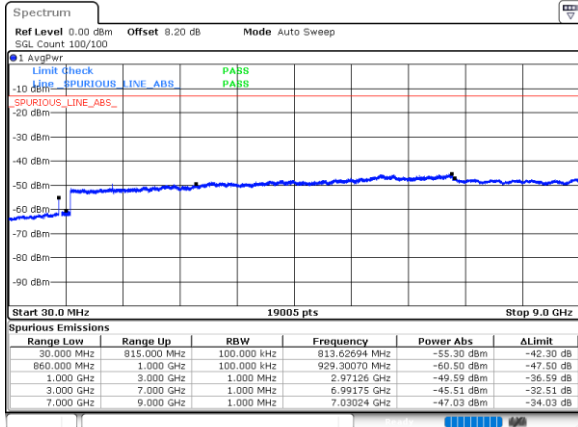
Highest Channel / QPSK





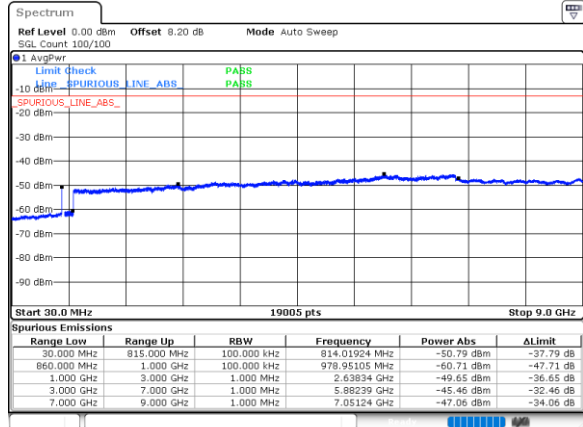
EN-DC_66A_n5A / LTE 20MHz + NR 5MHz

Lowest Channel / BPSK



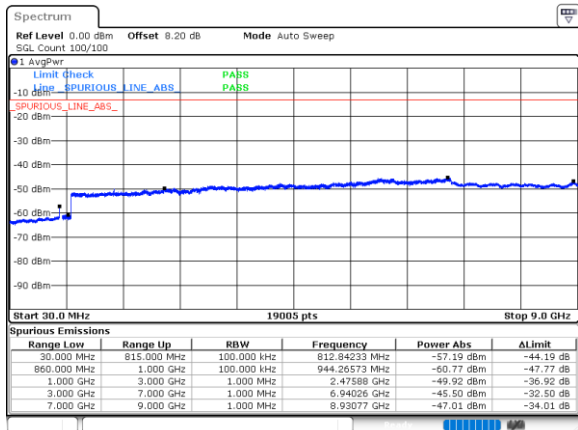
Date: 21.MAR.2020 12:35:20

Lowest Channel / QPSK



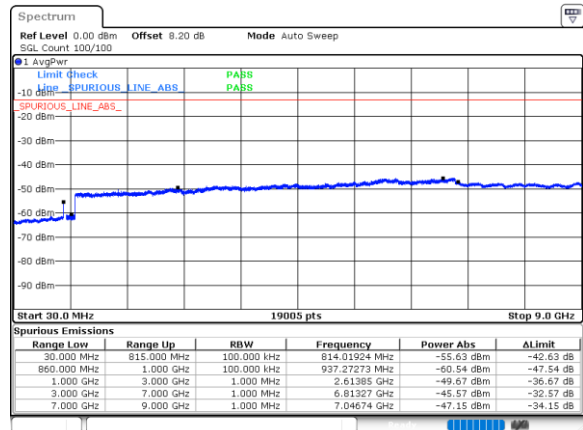
Date: 21.MAR.2020 12:32:59

Middle Channel / BPSK



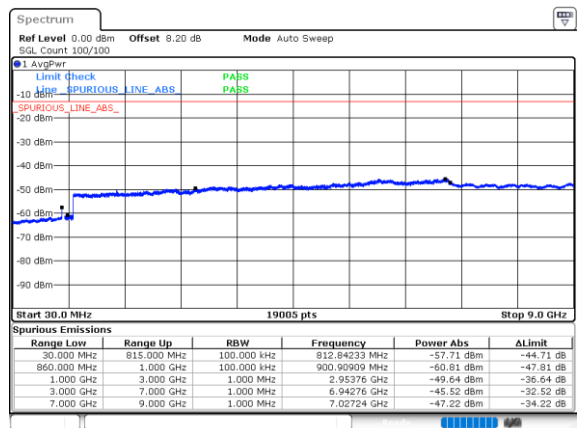
Date: 21.MAR.2020 12:28:13

Middle Channel / QPSK



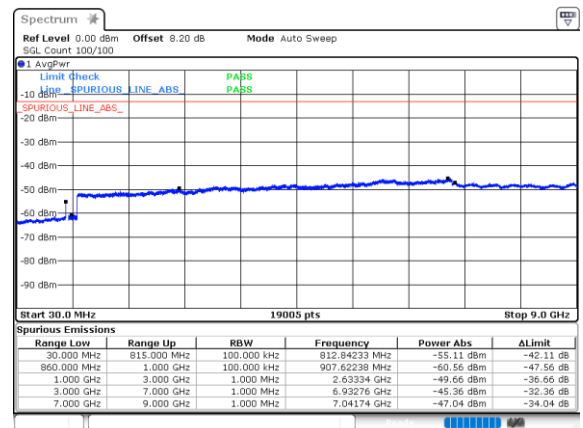
Date: 21.MAR.2020 12:30:47

Highest Channel / BPSK



Date: 21.MAR.2020 12:29:53

Highest Channel / QPSK

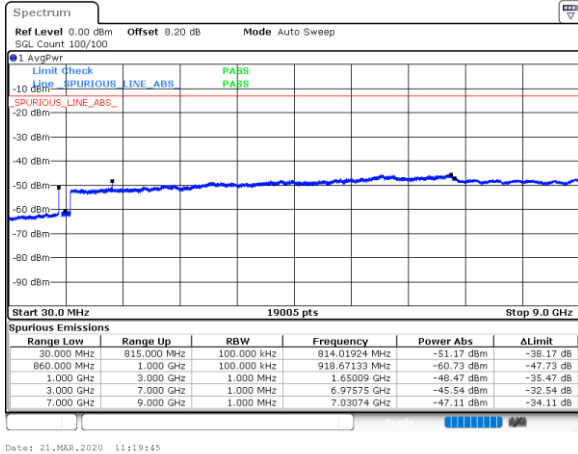


Date: 21.MAR.2020 12:31:42

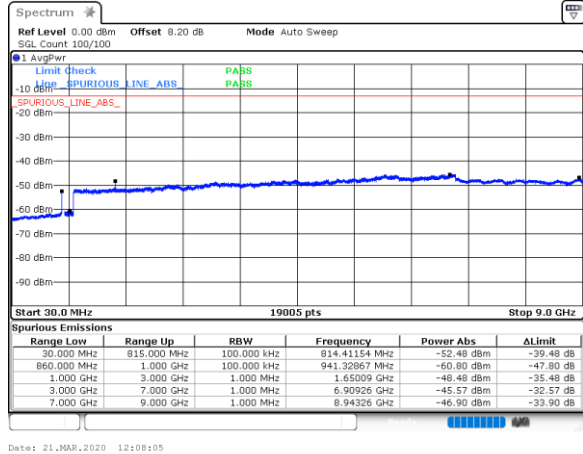


EN-DC_66A_n5A / LTE 20MHz + NR 10MHz

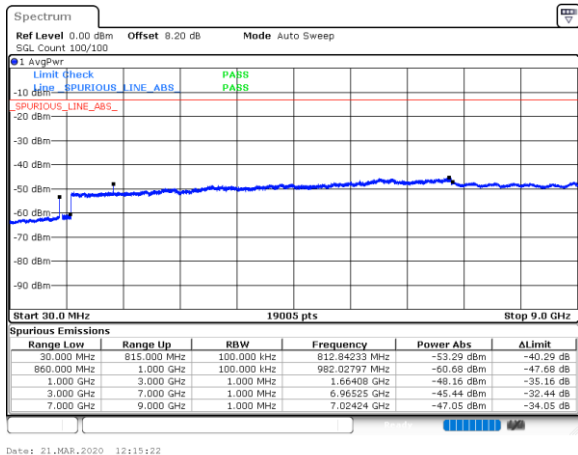
Lowest Channel / BPSK



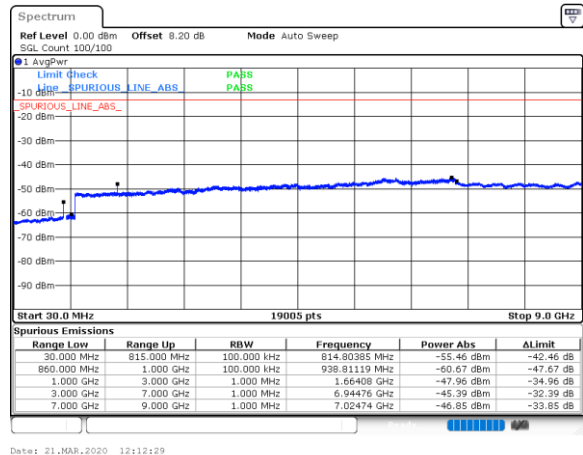
Lowest Channel / QPSK



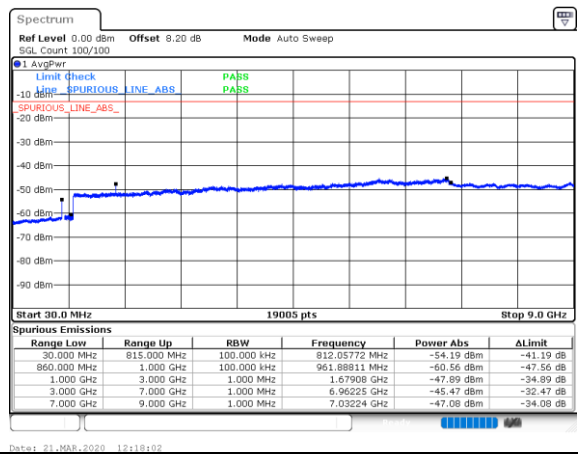
Middle Channel / BPSK



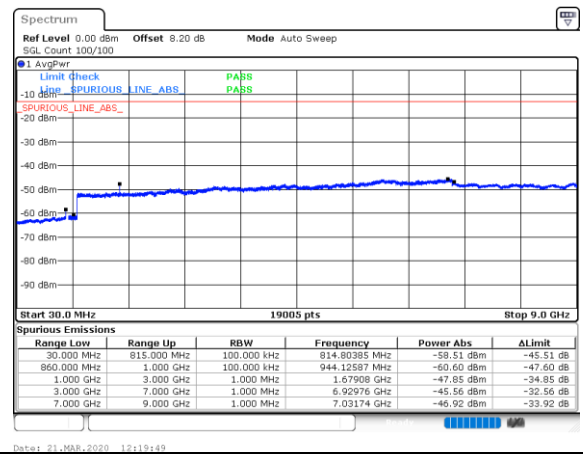
Middle Channel / QPSK



Highest Channel / BPSK



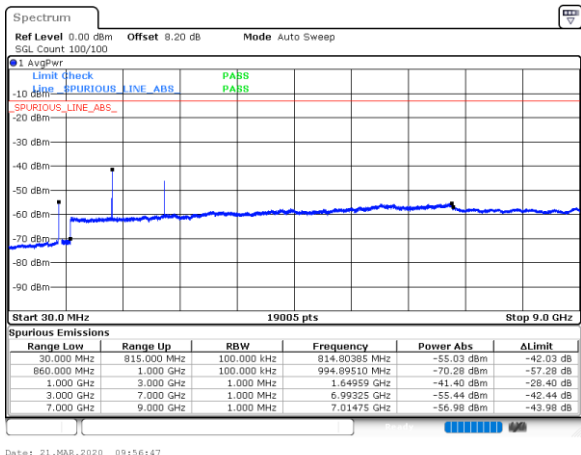
Highest Channel / QPSK



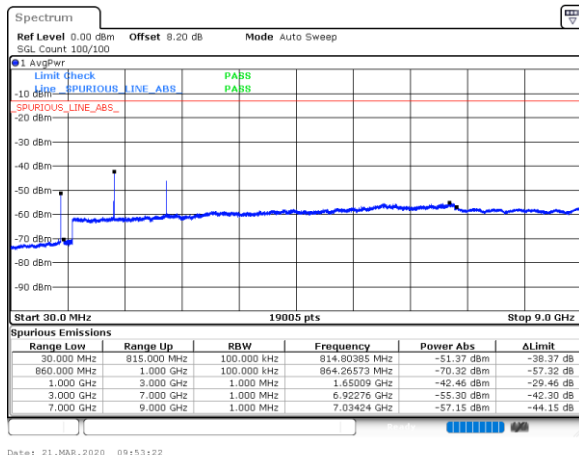


EN-DC_66A_n5A / LTE 20MHz + NR 20MHz

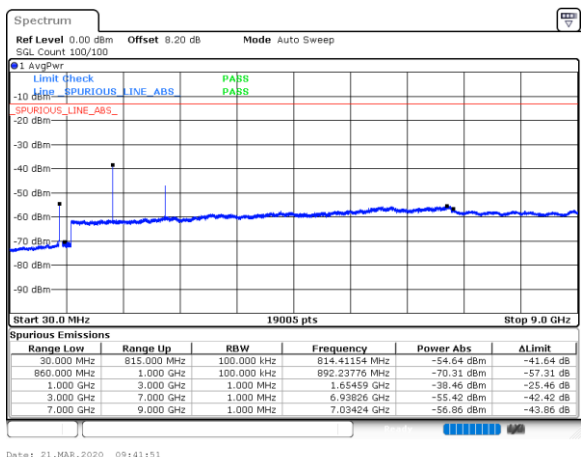
Lowest Channel / BPSK



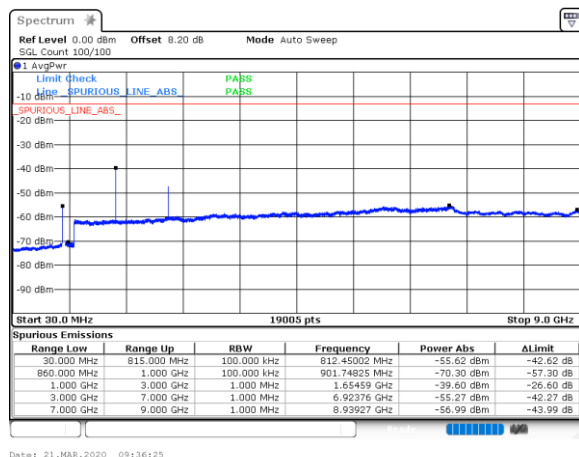
Lowest Channel / QPSK



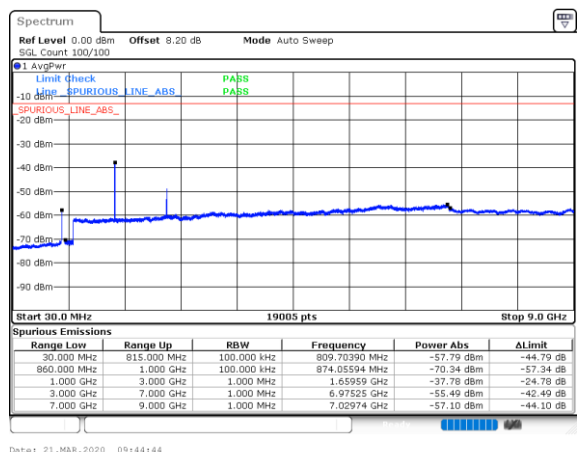
Middle Channel / BPSK



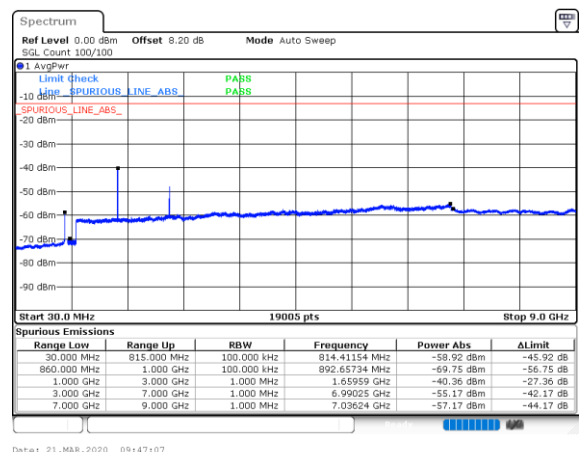
Middle Channel / QPSK



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	0.0013	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0011	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0007	
-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 =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

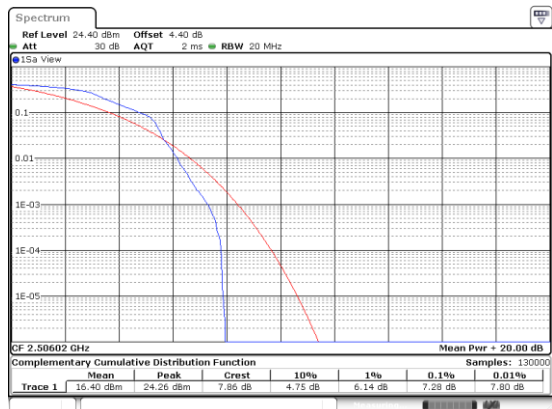


5G NR n41

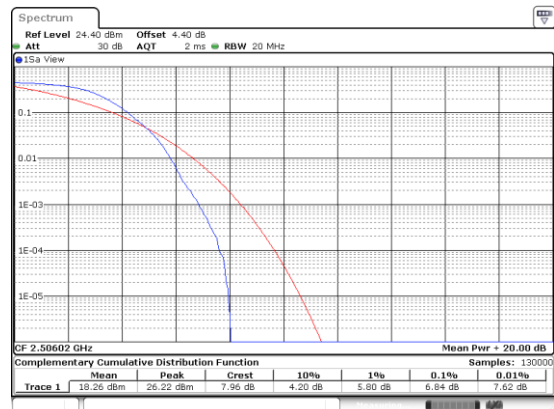
Peak-to-Average Ratio

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

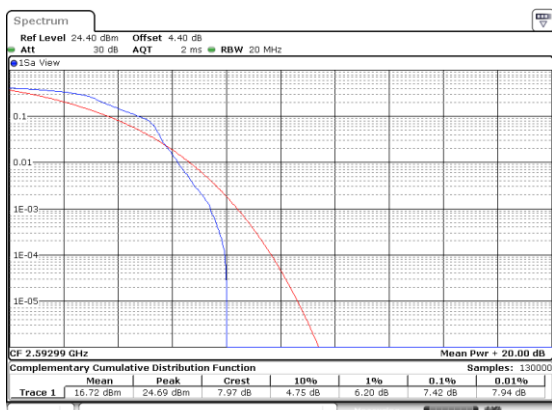
Lowest Channel / 1RB0



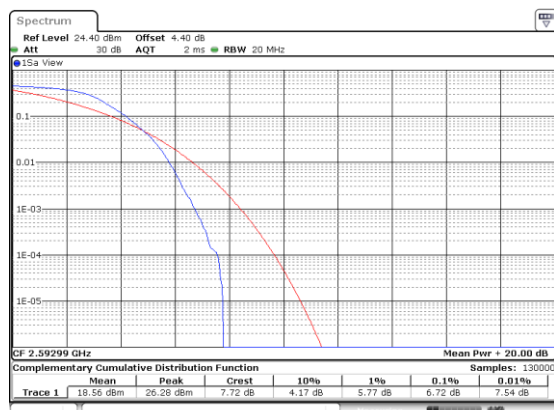
Lowest Channel / 50RB0



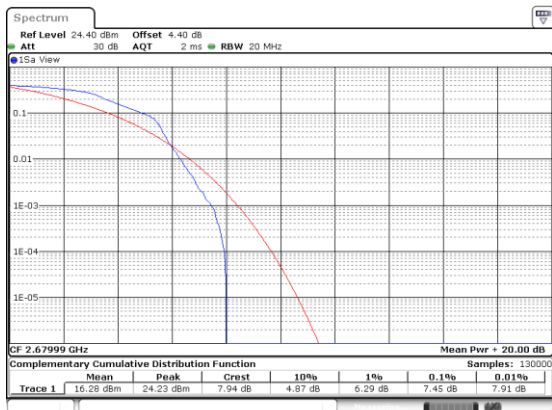
Middle Channel / 1RB0



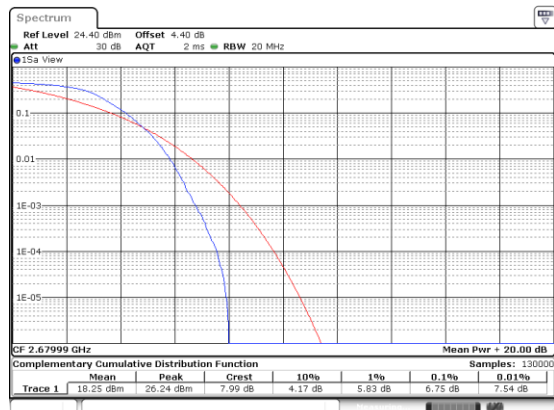
Middle Channel / 50RB0



Highest Channel / 1RB0



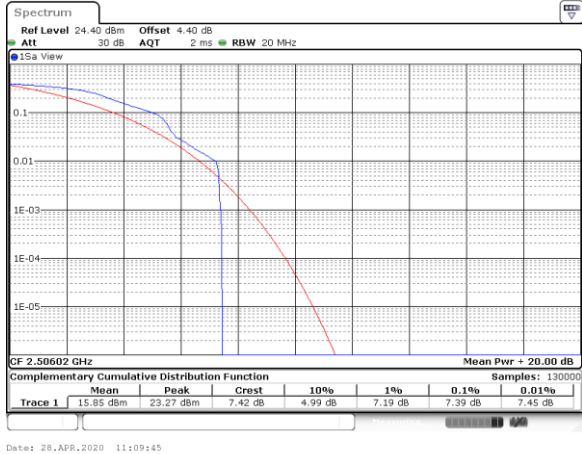
Highest Channel / 50RB0



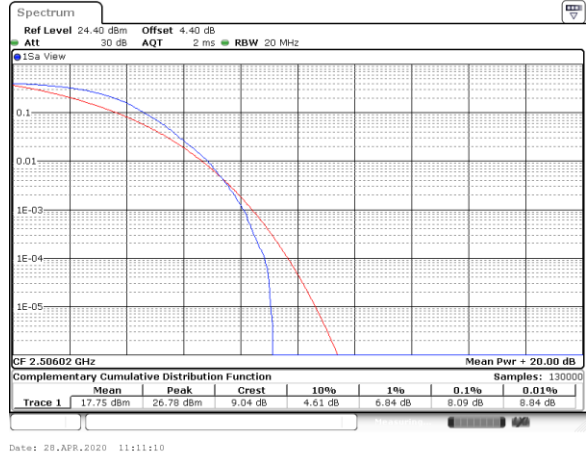


EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / QPSK

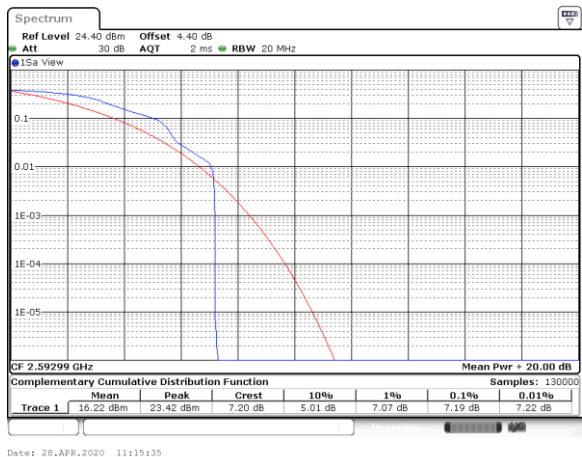
Lowest Channel / 1RB0



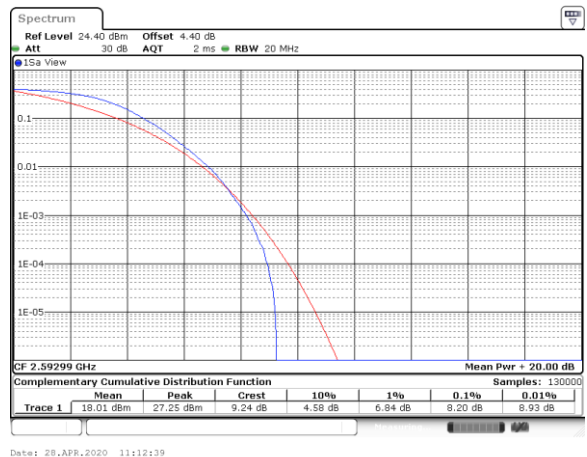
Lowest Channel / 50RB0



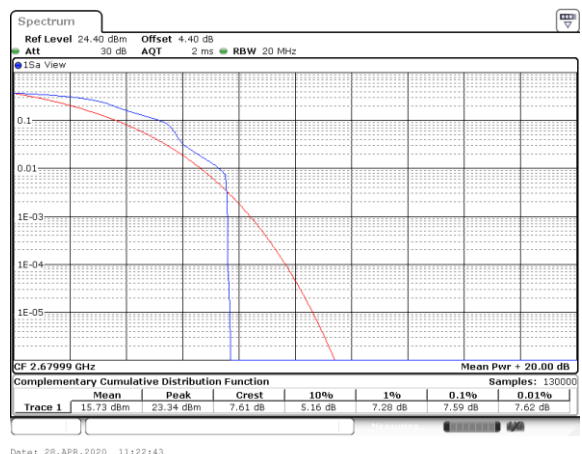
Middle Channel / 1RB0



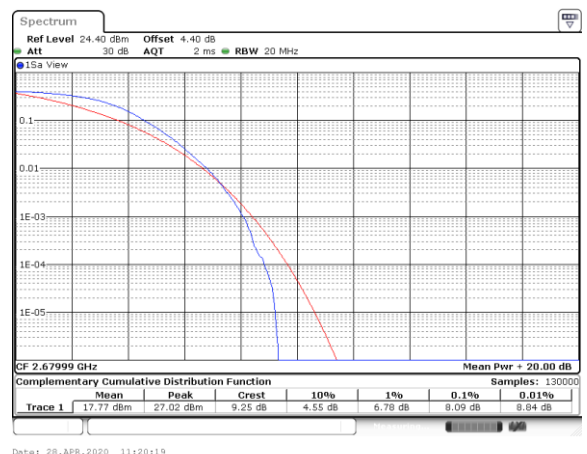
Middle Channel / 50RB0

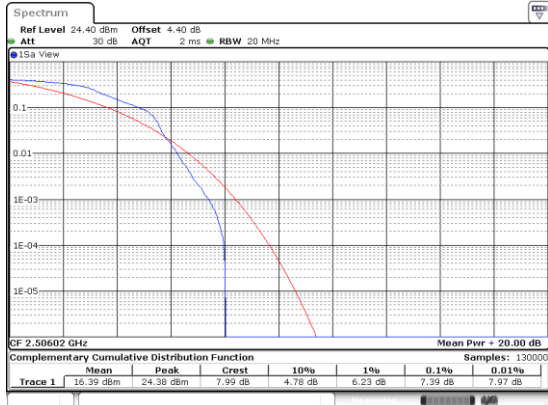
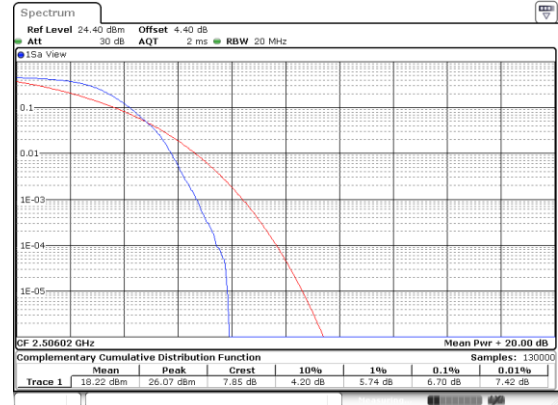
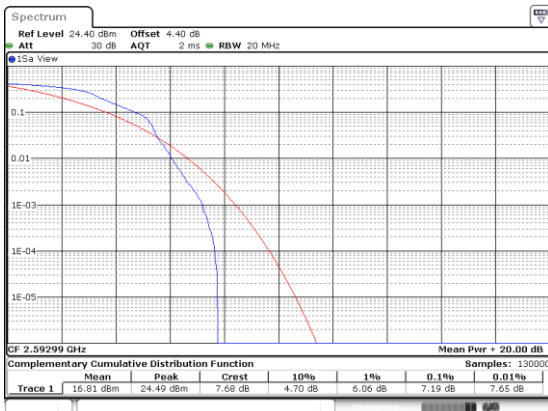
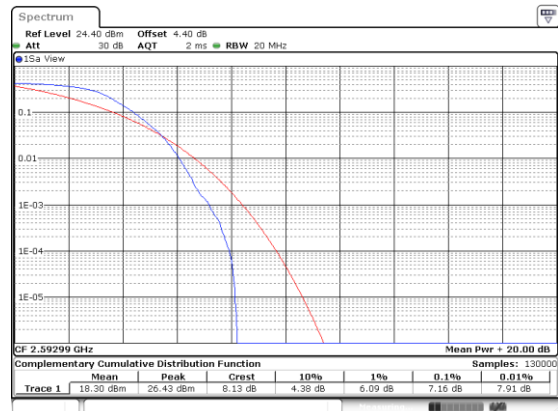
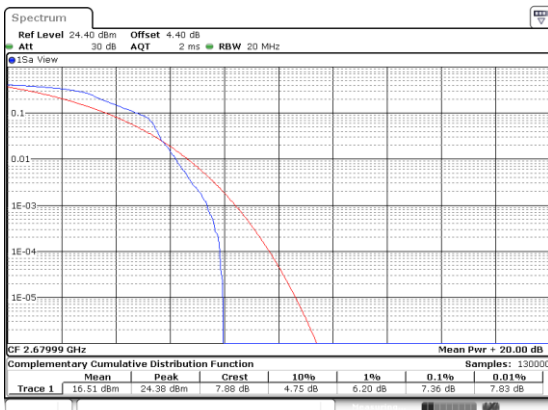
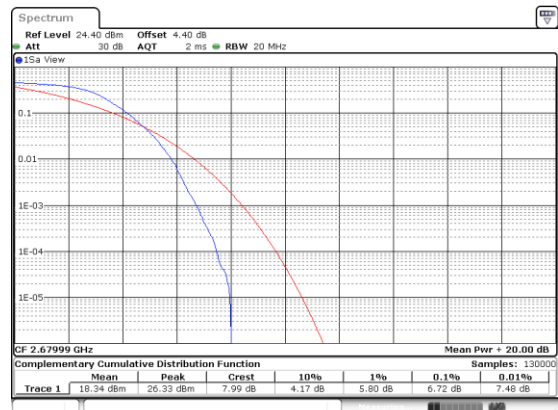


Highest Channel / 1RB0



Highest Channel / 50RB0

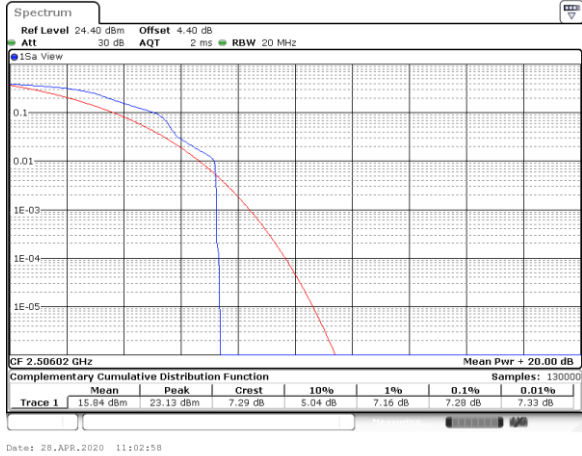


EN-DC_25A_n41A / LTE 20MHz + NR 100MHz / BPSK
Lowest Channel / 1RB0

Lowest Channel / 50RB0

Middle Channel / 1RB0

Middle Channel / 50RB0

Highest Channel / 1RB0

Highest Channel / 50RB0


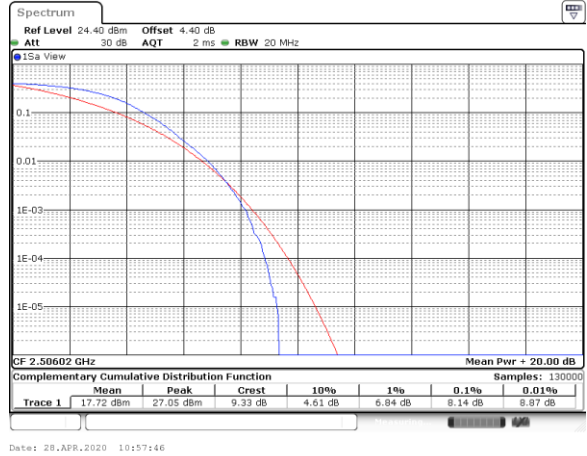


EN-DC_25A_n41A / LTE 20MHz + NR 100MHz / QPSK

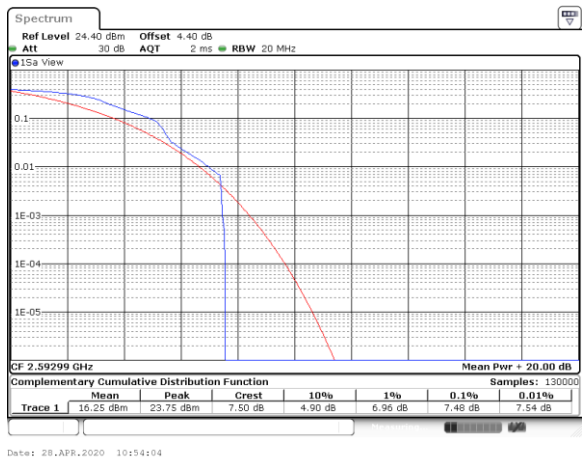
Lowest Channel / 1RB0



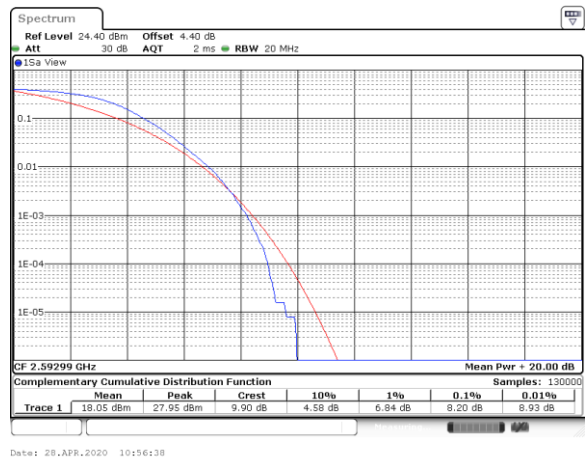
Lowest Channel / 50RB0



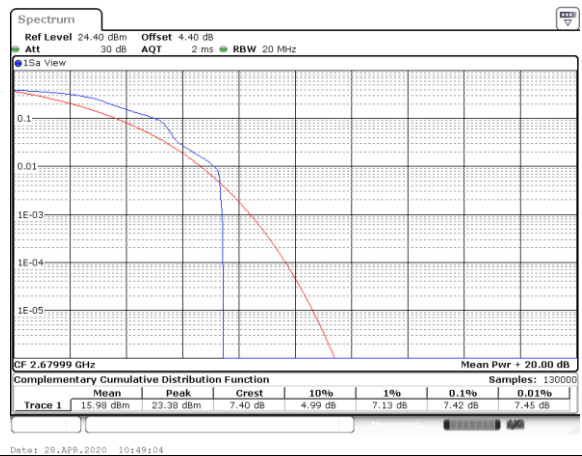
Middle Channel / 1RB0



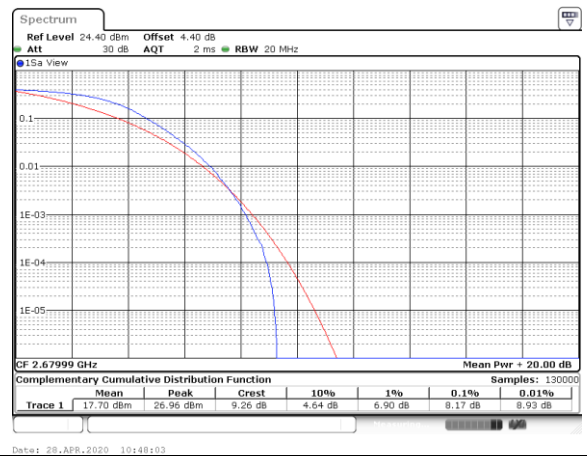
Middle Channel / 50RB0

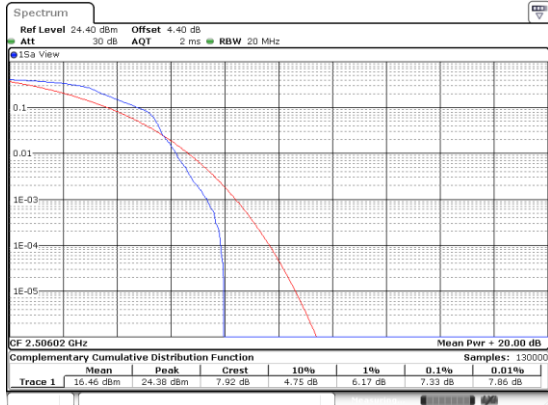
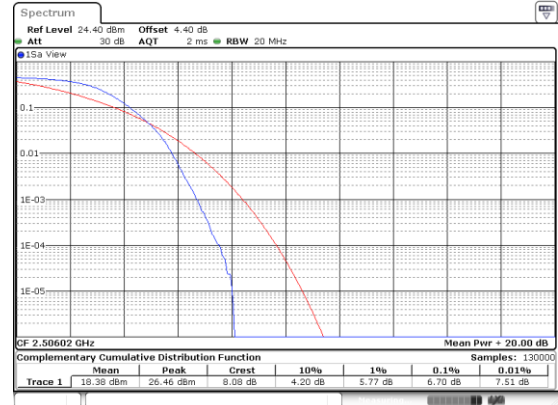
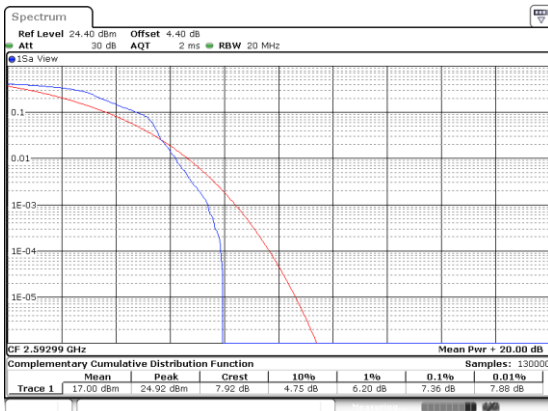
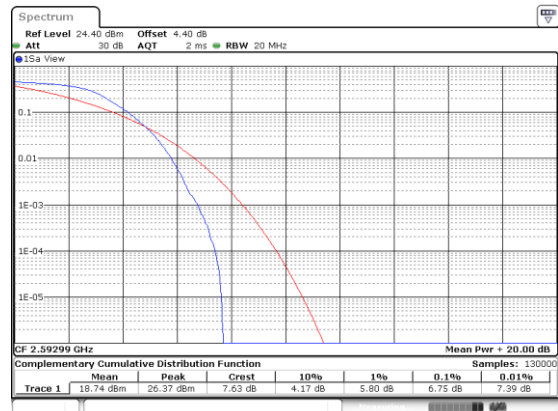
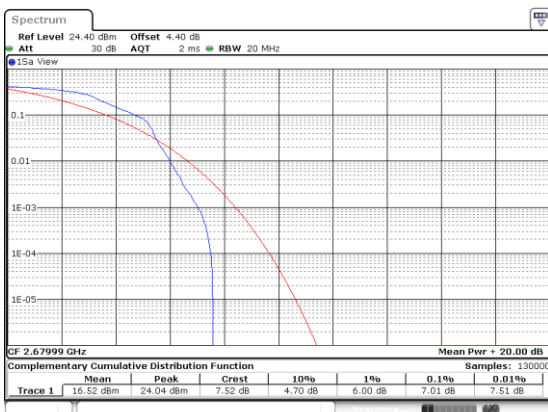
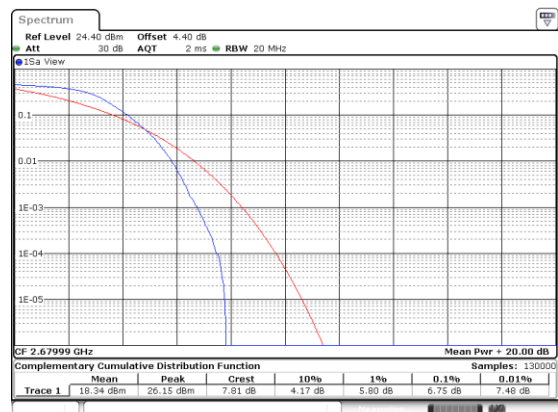


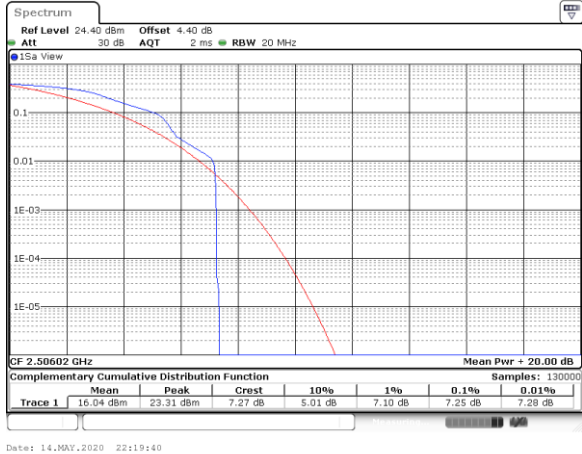
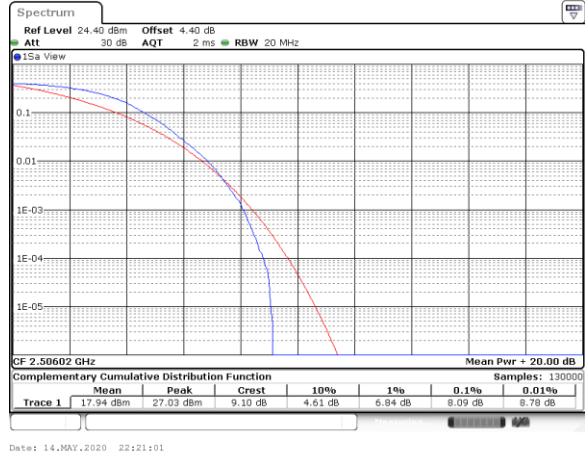
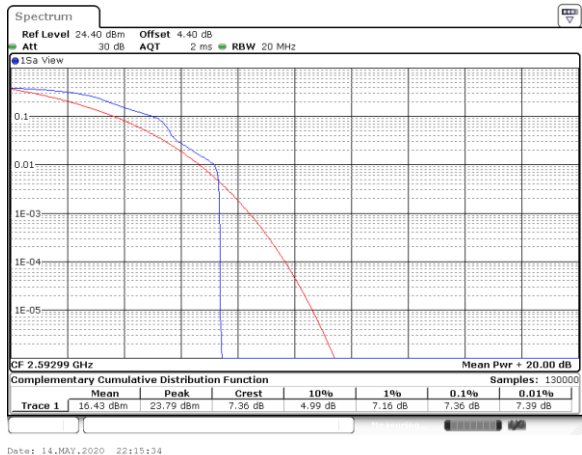
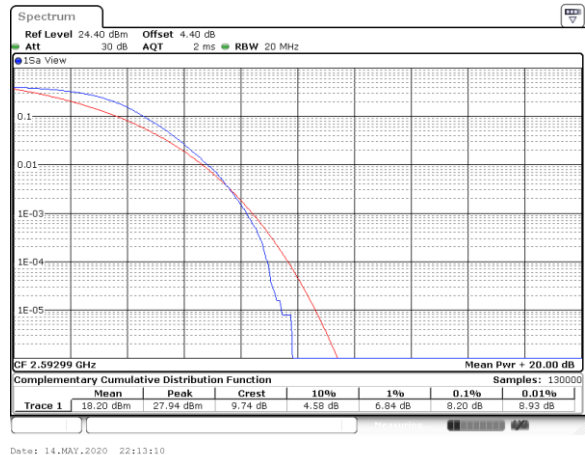
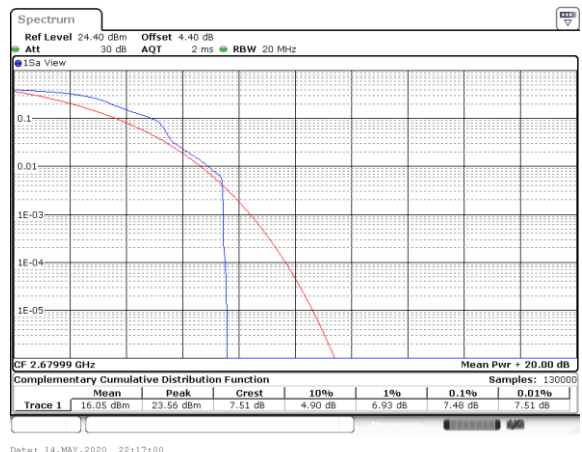
Highest Channel / 1RB0



Highest Channel / 50RB0



EN-DC_66A_n41A / LTE 20MHz + NR 100MHz / BPSK
Lowest Channel / 1RB0

Lowest Channel / 50RB0

Middle Channel / 1RB0

Middle Channel / 50RB0

Highest Channel / 1RB0

Highest Channel / 50RB0


EN-DC_66A_n41A / LTE 20MHz + NR 100MHz / QPSK
Lowest Channel / 1RB0

Lowest Channel / 50RB0

Middle Channel / 1RB0

Middle Channel / 50RB0

Highest Channel / 1RB0

Highest Channel / 50RB0
