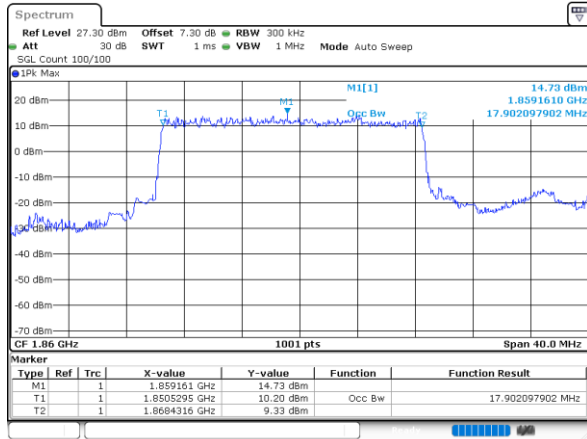




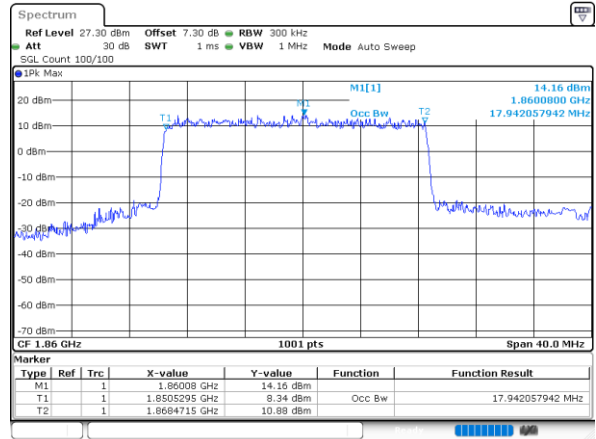
EN-DC_12A_n2A

Combination LTE 10MHz + NR 20MHz

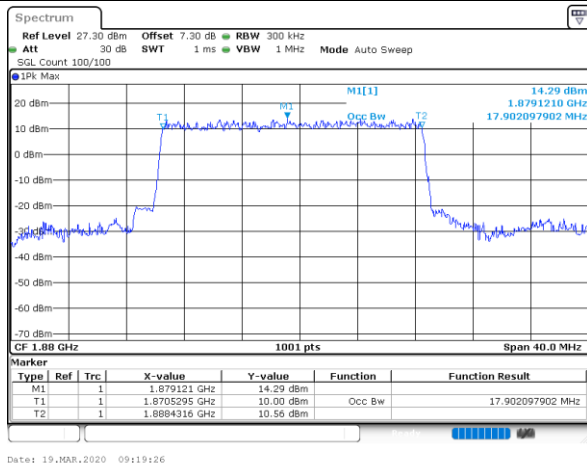
Lowest Channel / BPSK



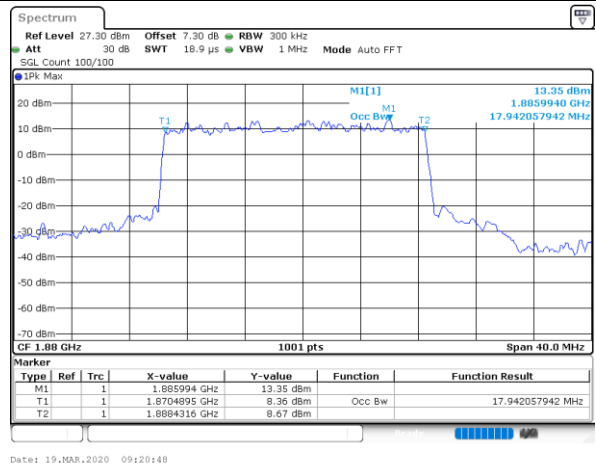
Lowest Channel / QPSK



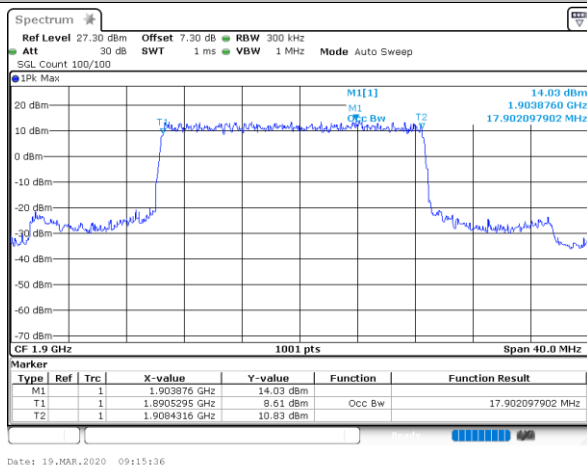
Middle Channel / BPSK



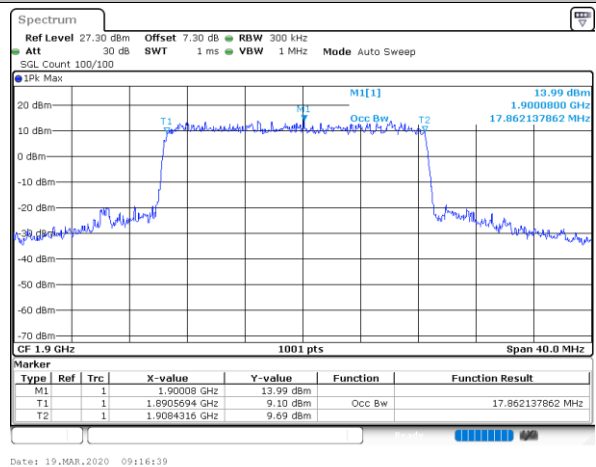
Middle Channel / QPSK

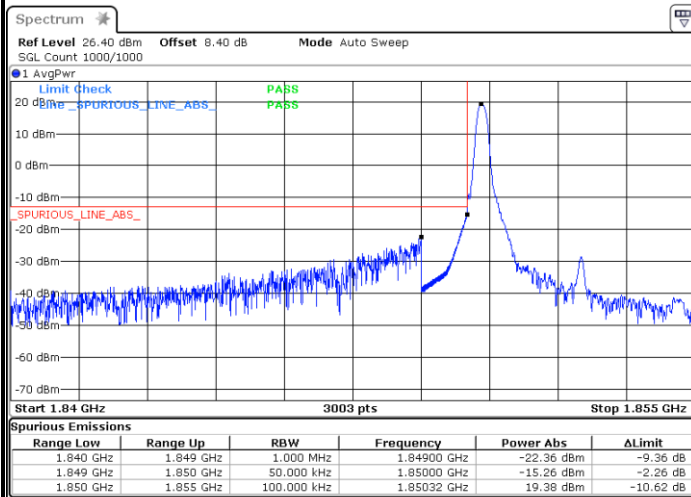
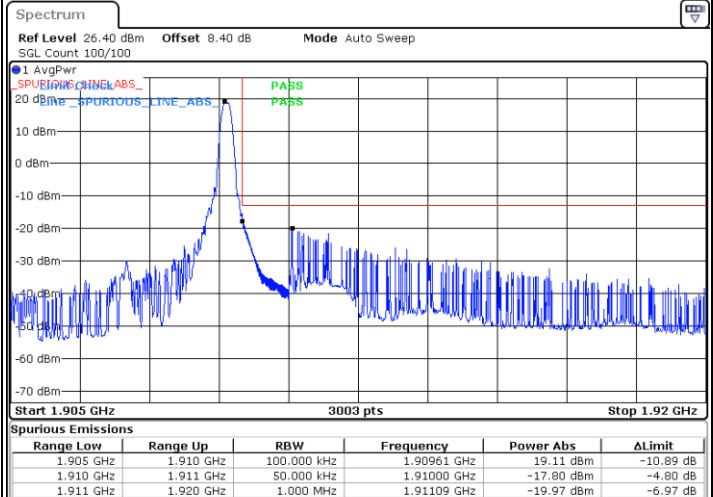
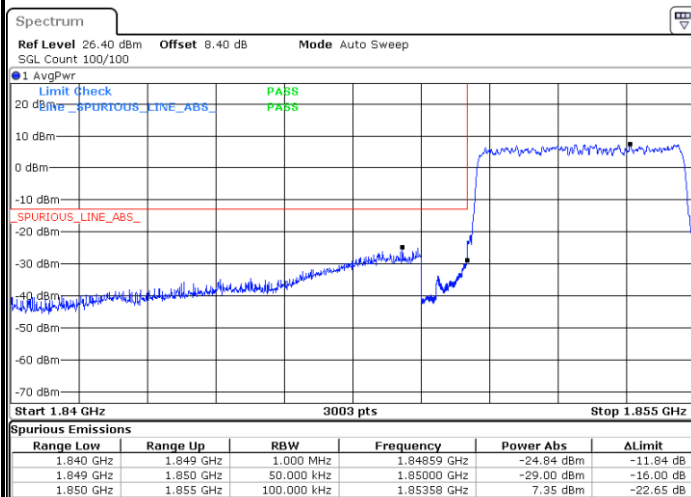
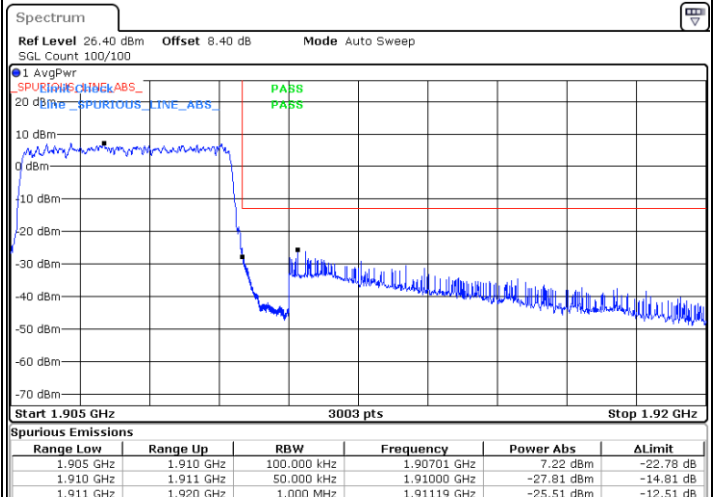


Highest Channel / BPSK



Highest Channel / QPSK

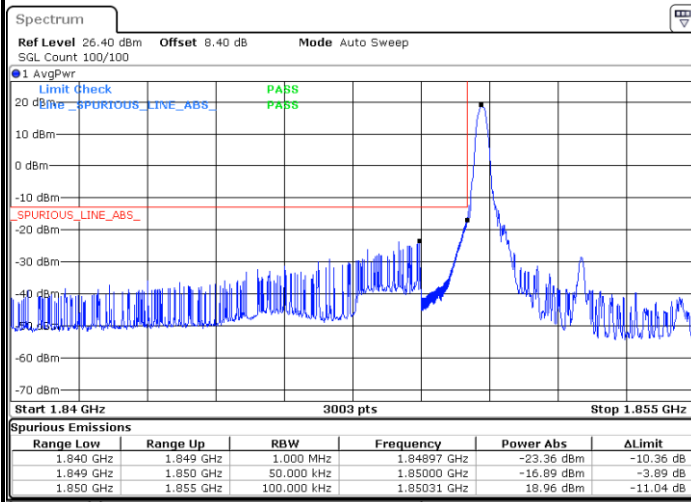


**Conducted Band Edge****EN-DC_5A_n2A / LTE 10MHz + NR 5MHz / BPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RB24****Lowest Band Edge / 25RB0****Highest Band Edge / 25RB0**

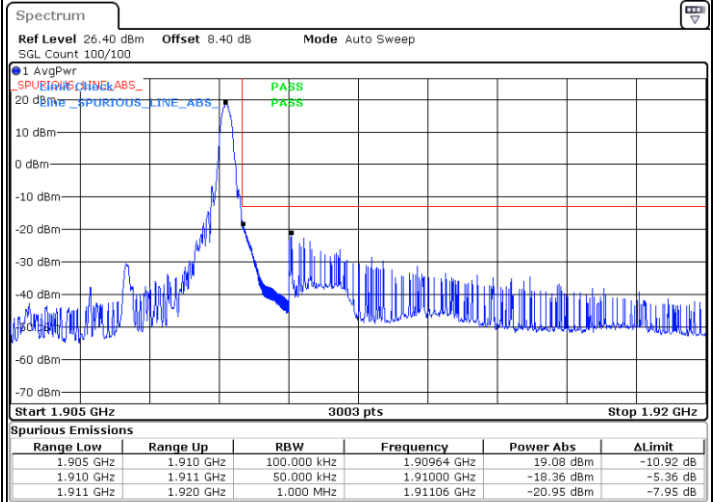


EN-DC_5A_n2A / LTE 10MHz + NR 5MHz / QPSK

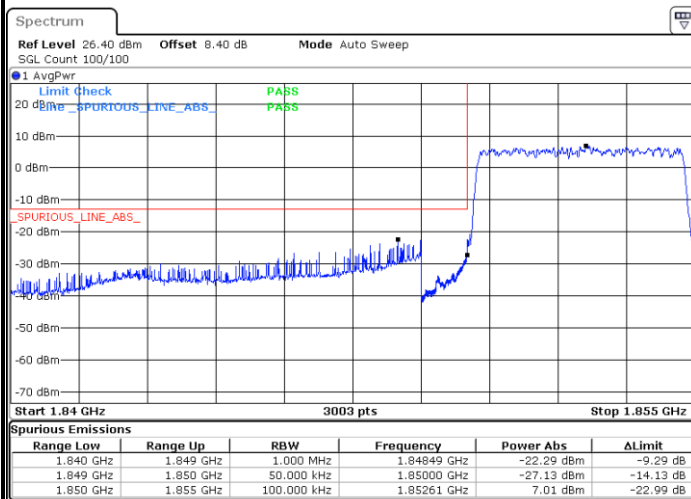
Lowest Band Edge / 1RB0



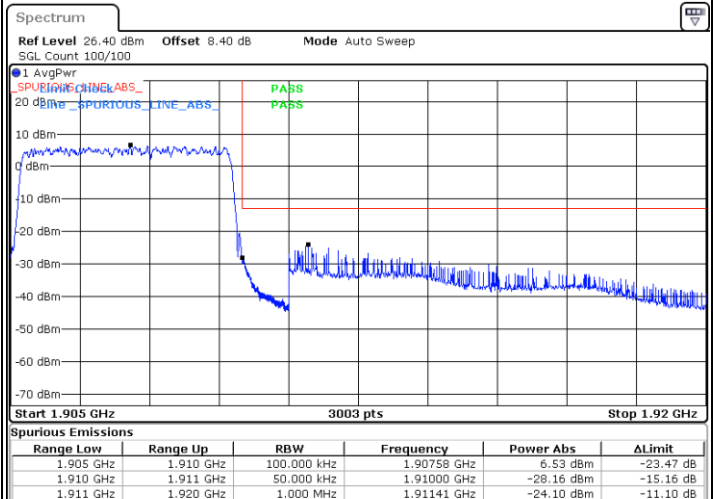
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



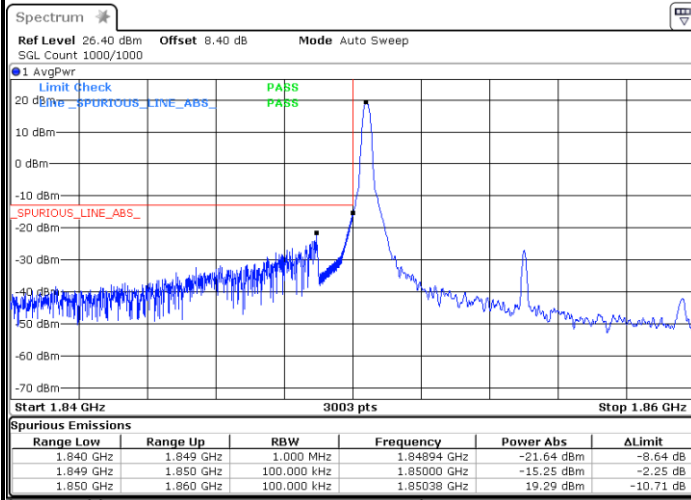
Highest Band Edge / 25RB0



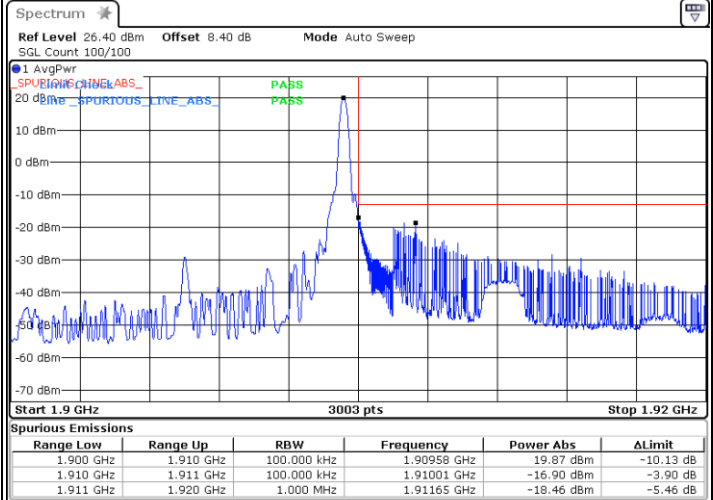


EN-DC_5A_n2A / LTE 10MHz + NR 10MHz / BPSK

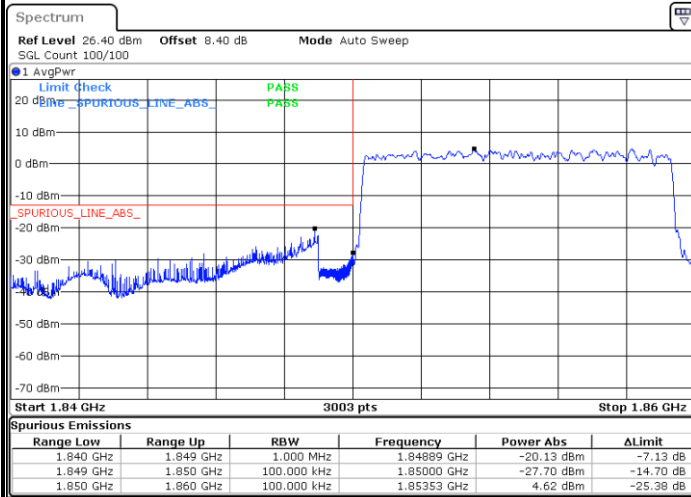
Lowest Band Edge / 1RB0



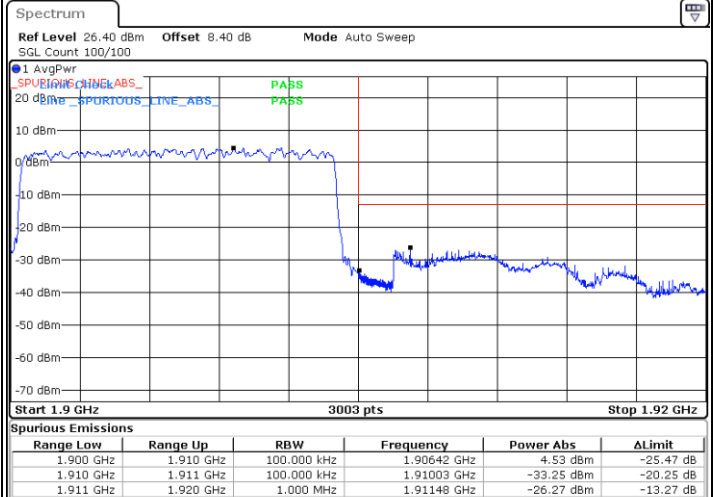
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



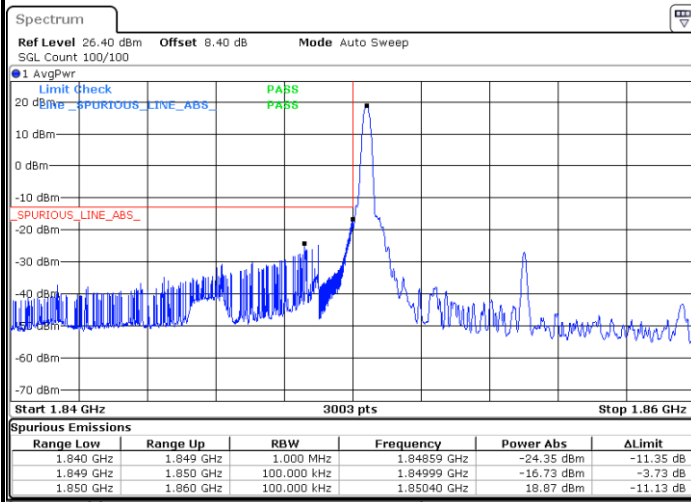
Highest Band Edge / 50RB0





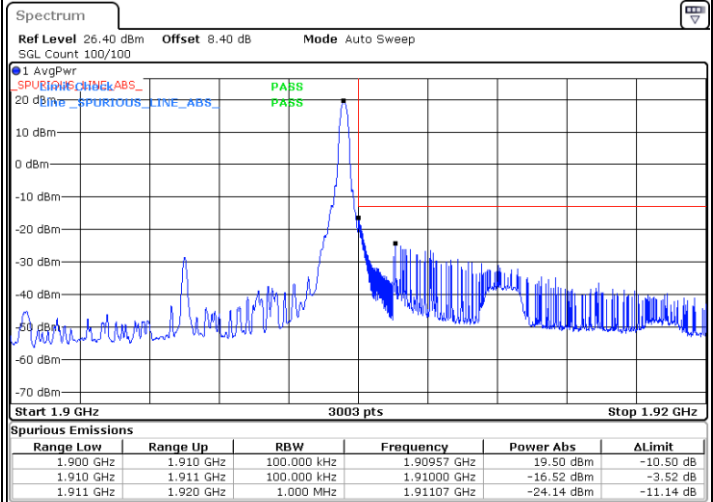
EN-DC_5A_n2A / LTE 10MHz + NR 10MHz / QPSK

Lowest Band Edge / 1RB0



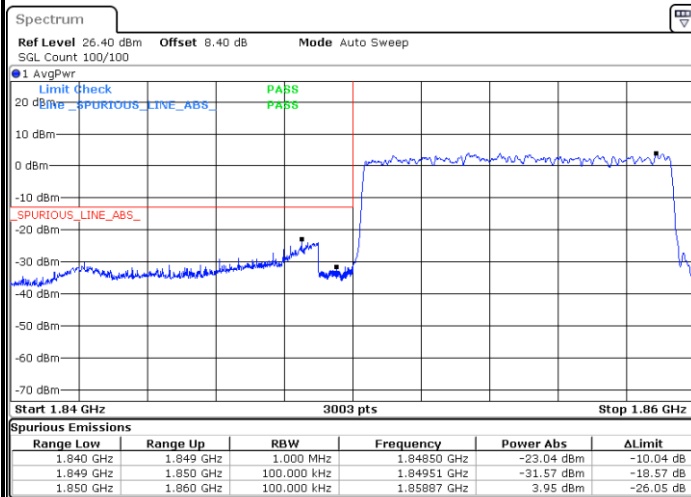
Date: 15.MAR.2020 10:06:00

Highest Band Edge / 1RB51



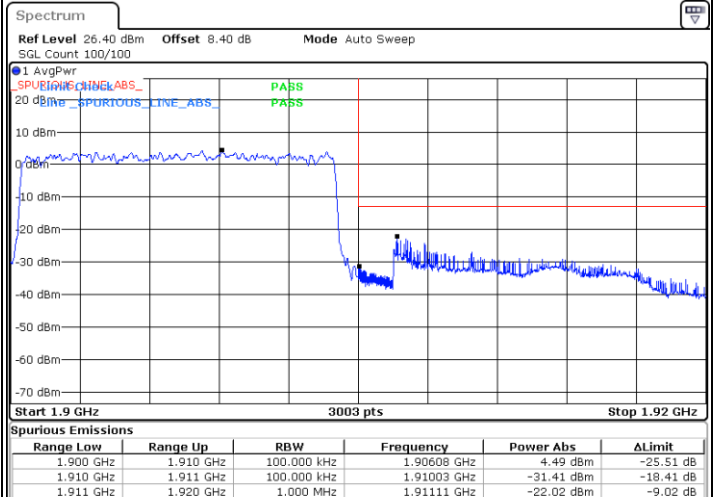
Date: 15.MAR.2020 09:27:31

Lowest Band Edge / 50RB0



Date: 15.MAR.2020 09:55:15

Highest Band Edge / 50RB0

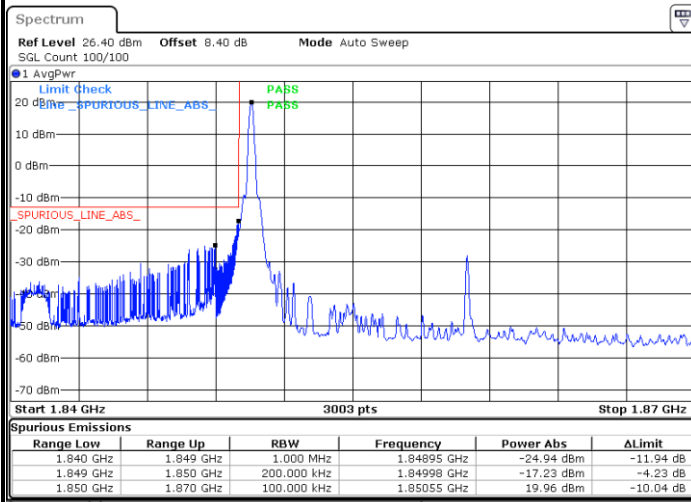


Date: 15.MAR.2020 09:25:49

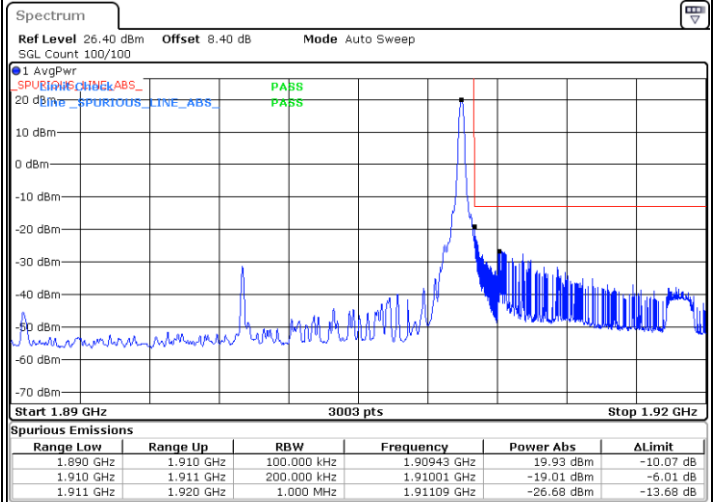


EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / BPSK

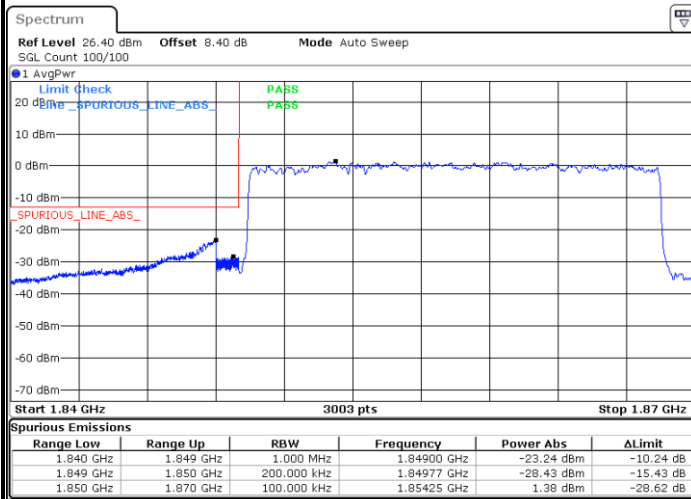
Lowest Band Edge / 1RB0



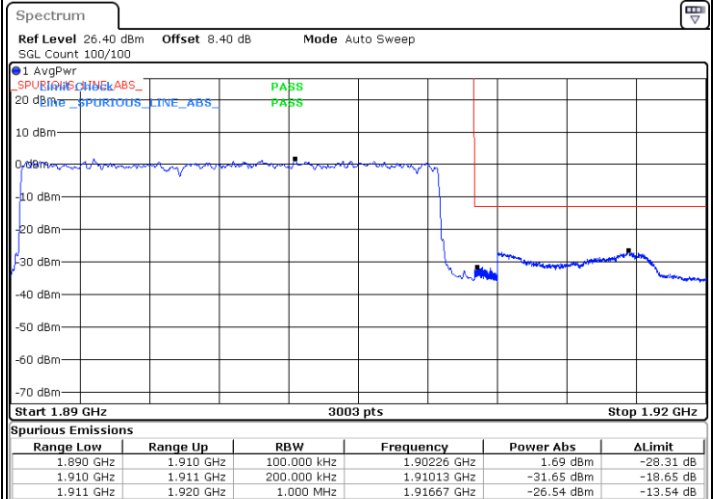
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



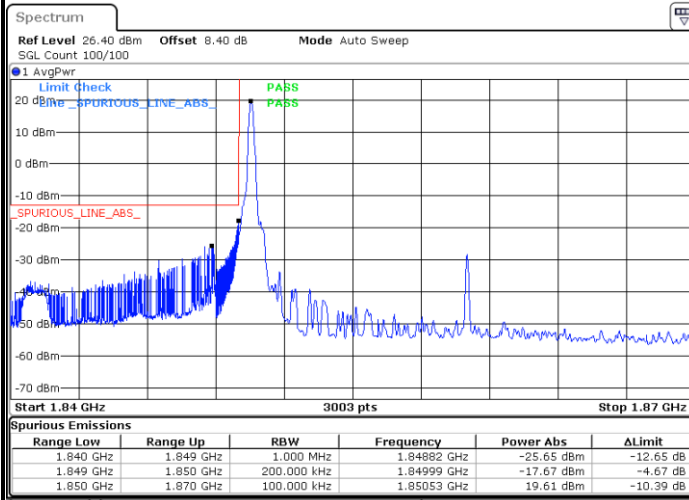
Highest Band Edge / 100RB0



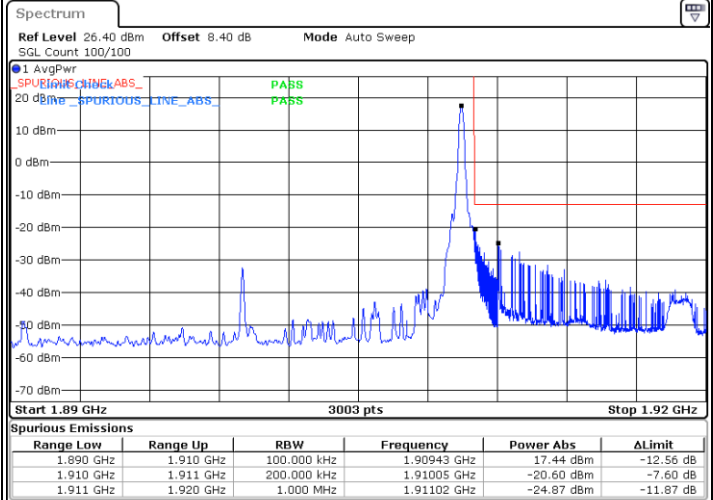


EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / QPSK

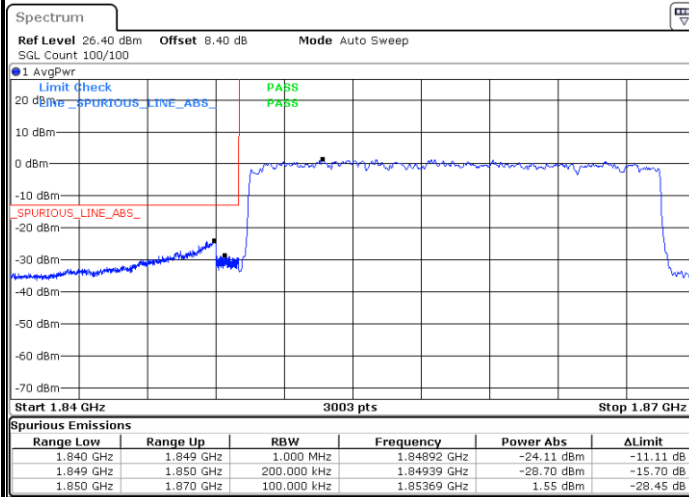
Lowest Band Edge / 1RB0



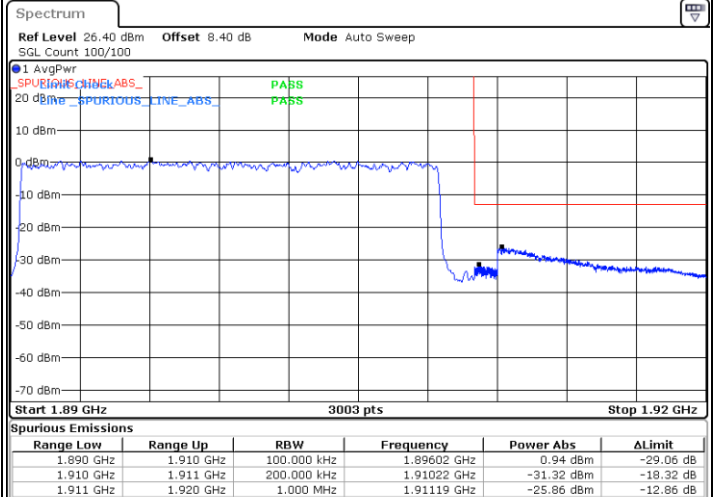
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



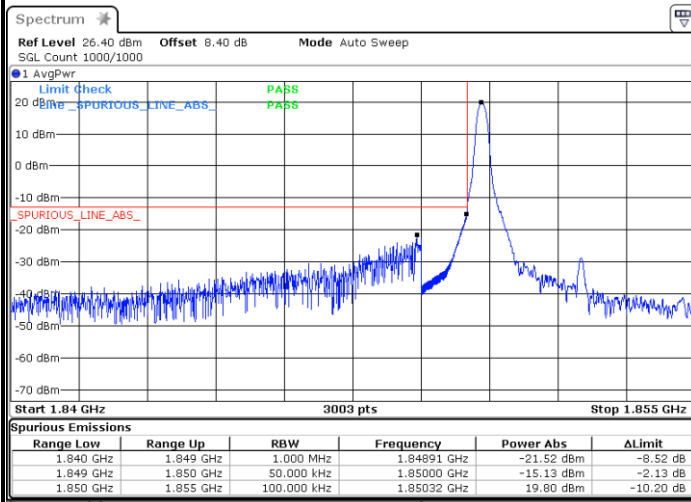
Highest Band Edge / 100RB0



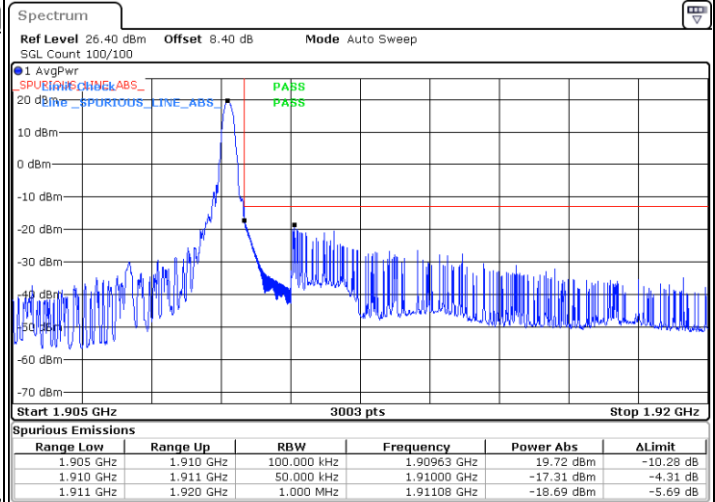


EN-DC_12A_n2A / LTE 10MHz + NR 5MHz / BPSK

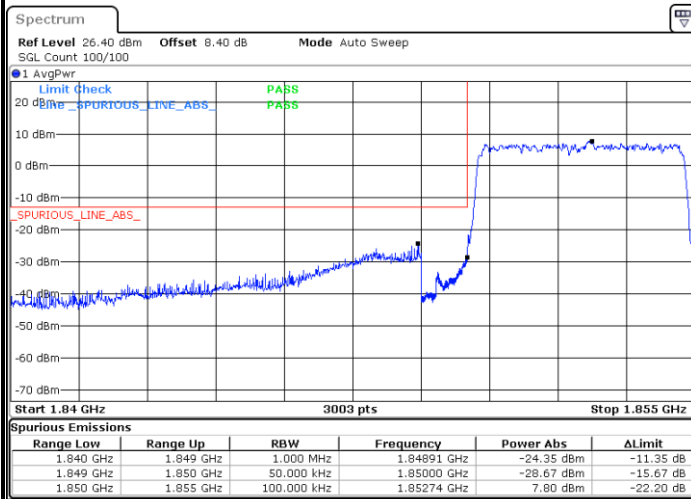
Lowest Band Edge / 1RB0



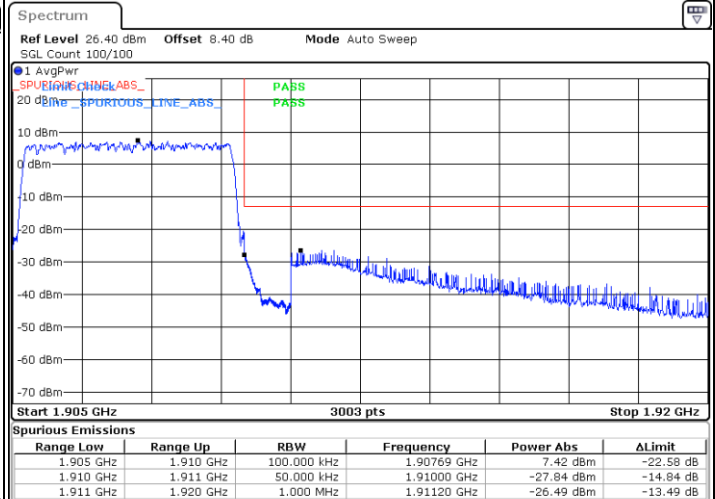
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



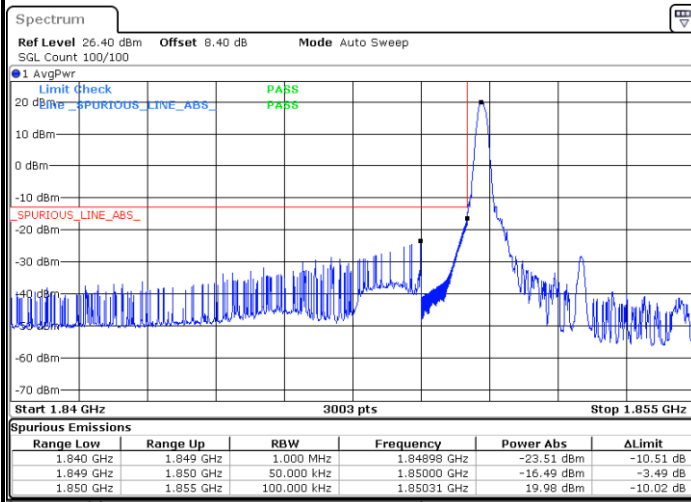
Highest Band Edge / 25RB0



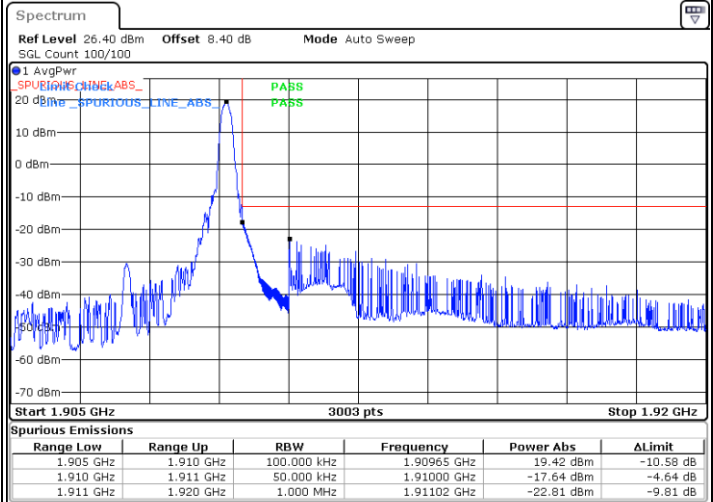


EN-DC_12A_n2A / LTE 10MHz + NR 5MHz / QPSK

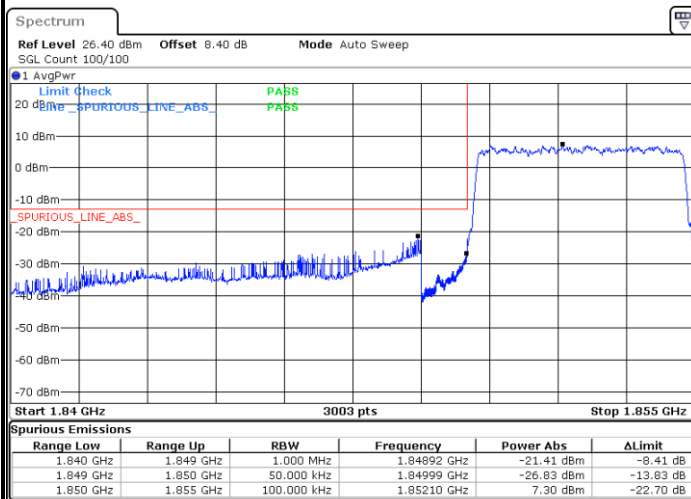
Lowest Band Edge / 1RB0



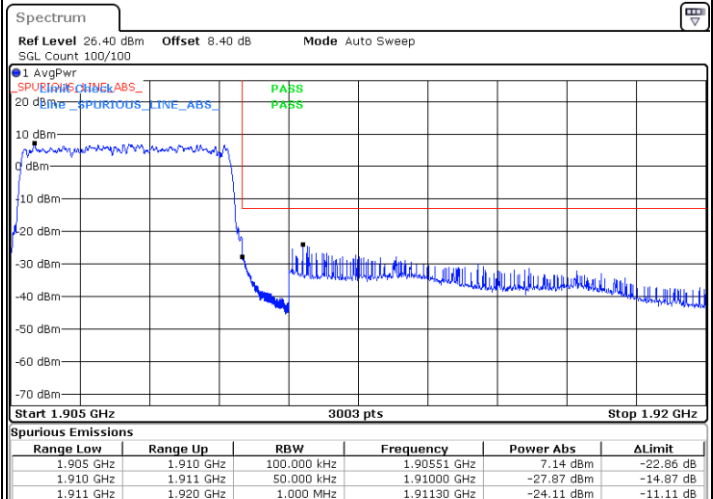
Highest Band Edge / 1RB24



Lowest Band Edge / 25RB0



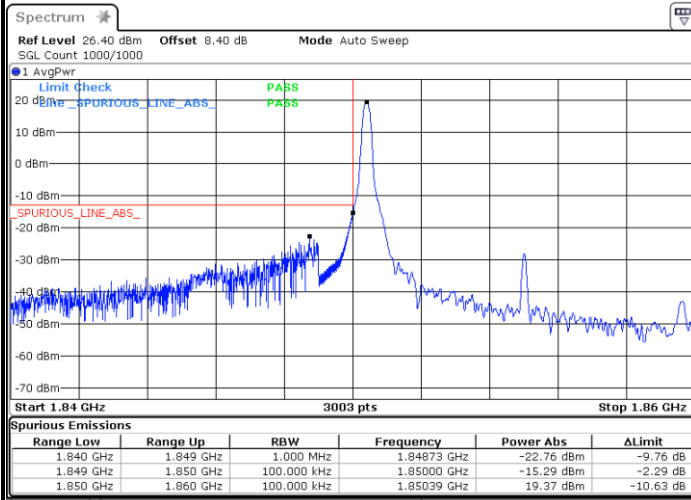
Highest Band Edge / 25RB0



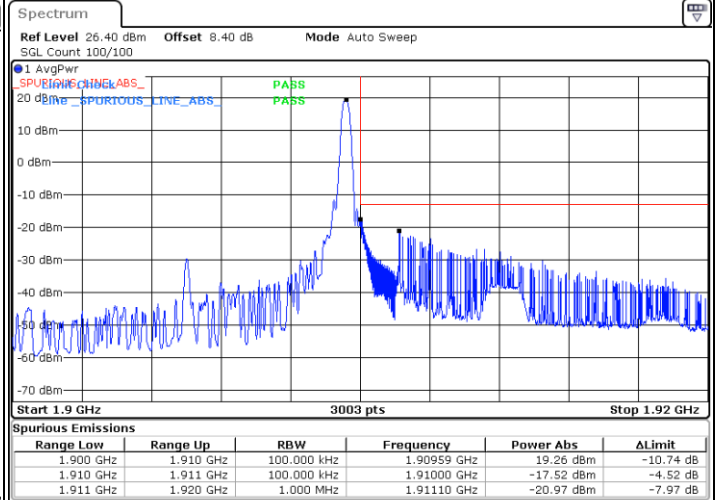


EN-DC_12A_n2A / LTE 10MHz + NR 10MHz / BPSK

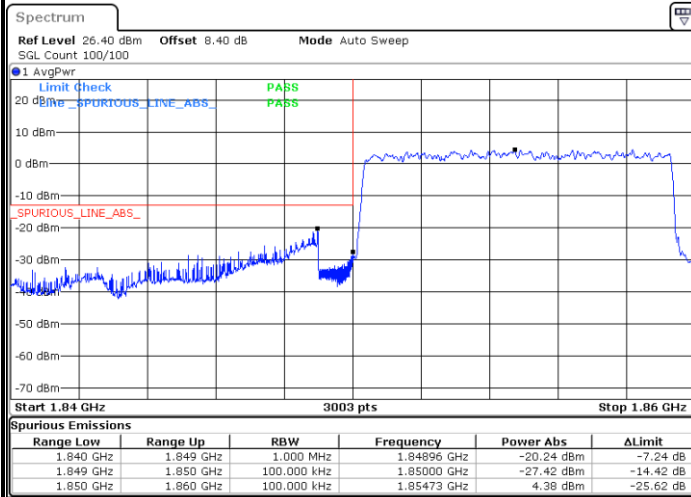
Lowest Band Edge / 1RB0



Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



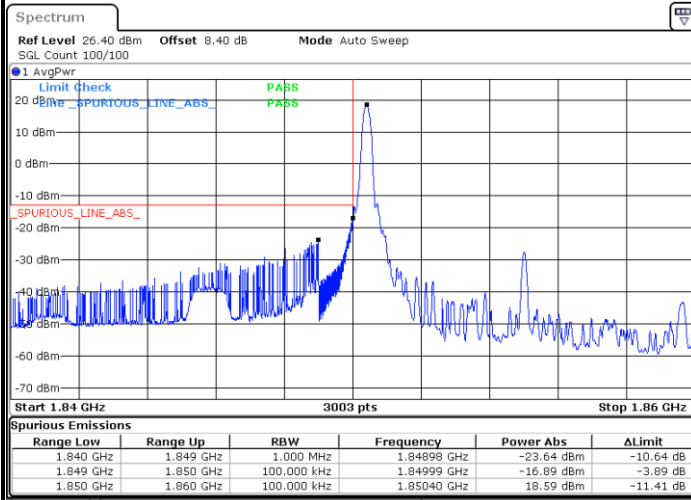
Highest Band Edge / 50RB0



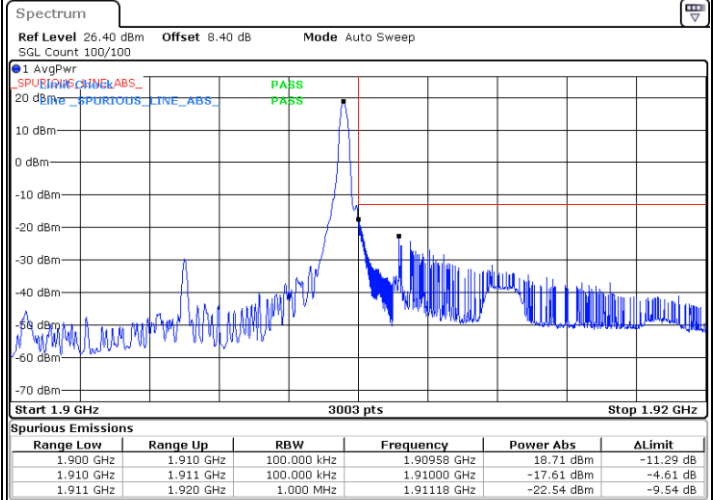


EN-DC_12A_n2A / LTE 10MHz + NR 10MHz / QPSK

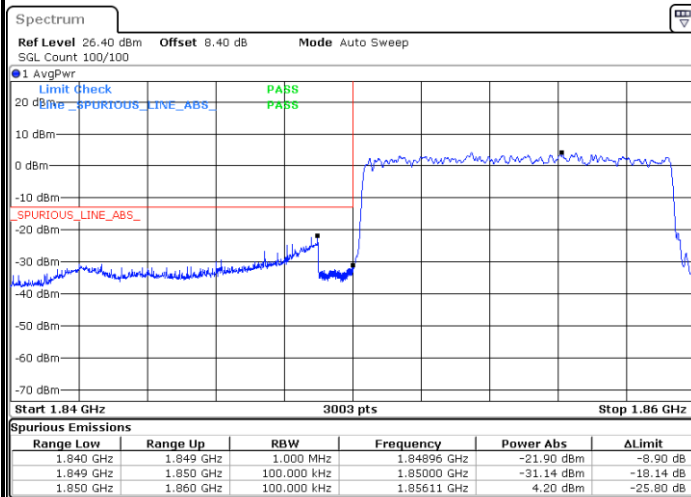
Lowest Band Edge / 1RB0



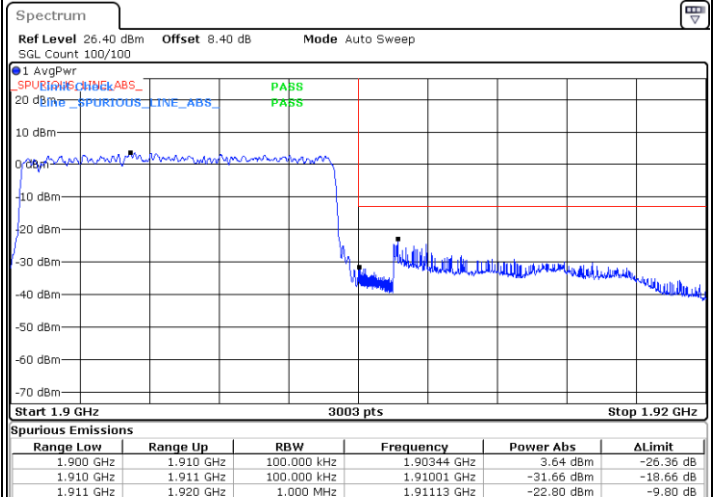
Highest Band Edge / 1RB51



Lowest Band Edge / 50RB0



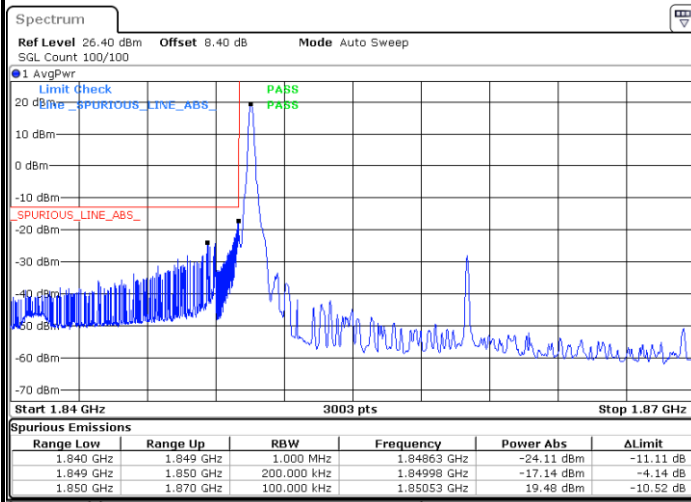
Highest Band Edge / 50RB0



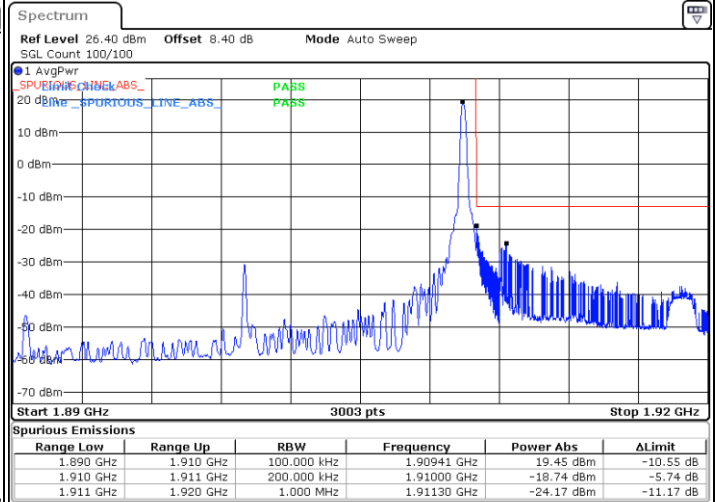


EN-DC_12A_n2A / LTE 10MHz + NR 20MHz / BPSK

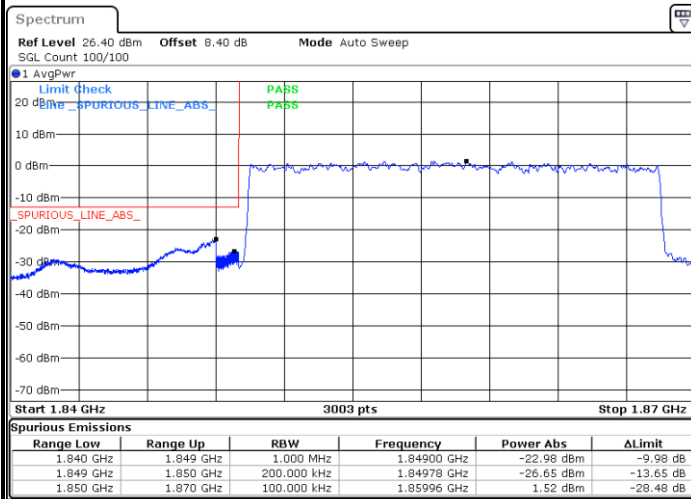
Lowest Band Edge / 1RB0



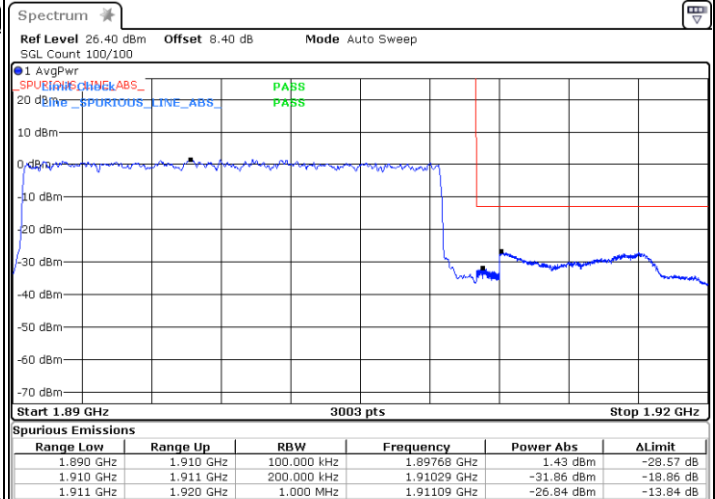
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



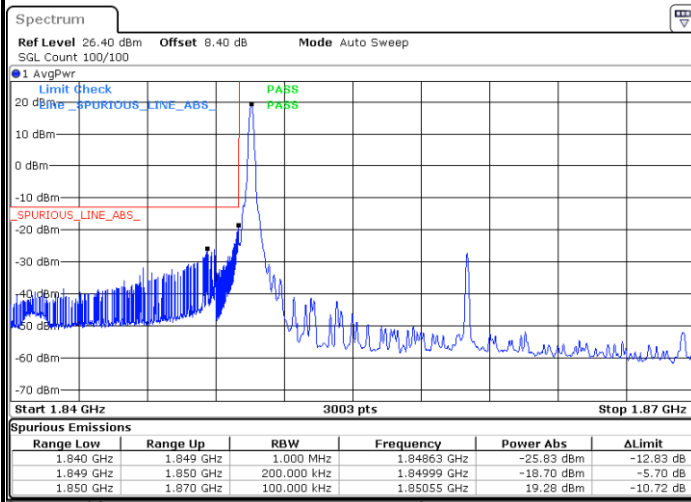
Highest Band Edge / 100RB0



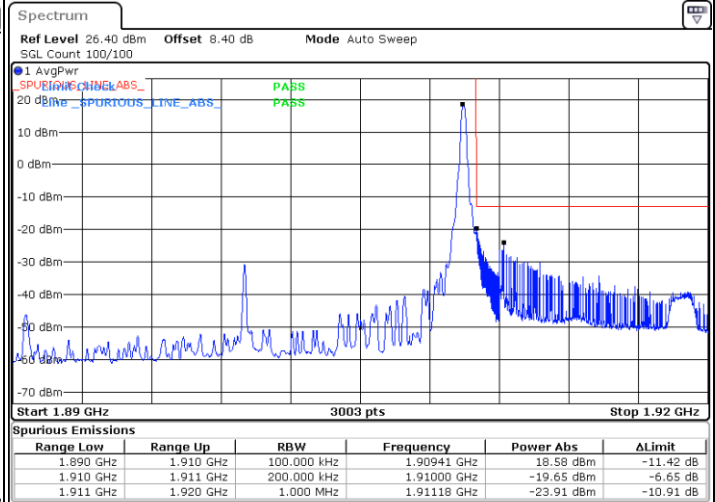


EN-DC_12A_n2A / LTE 10MHz + NR 20MHz / QPSK

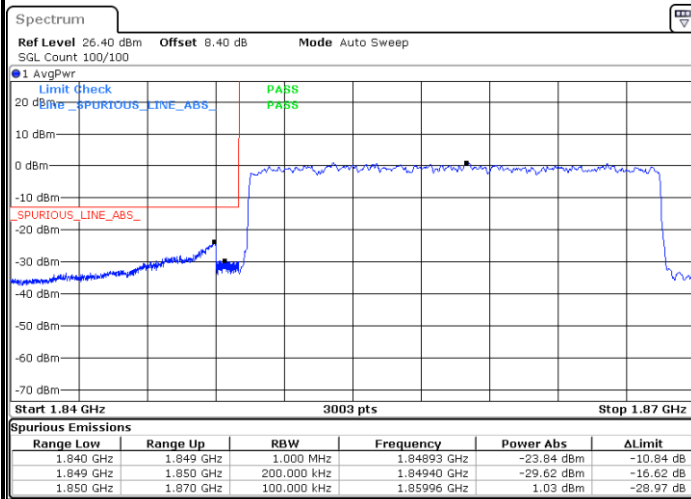
Lowest Band Edge / 1RB0



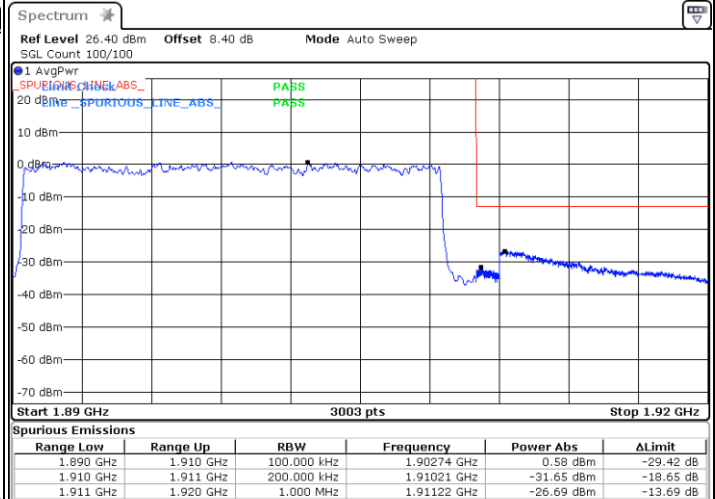
Highest Band Edge / 1RB105



Lowest Band Edge / 100RB0



Highest Band Edge / 100RB0

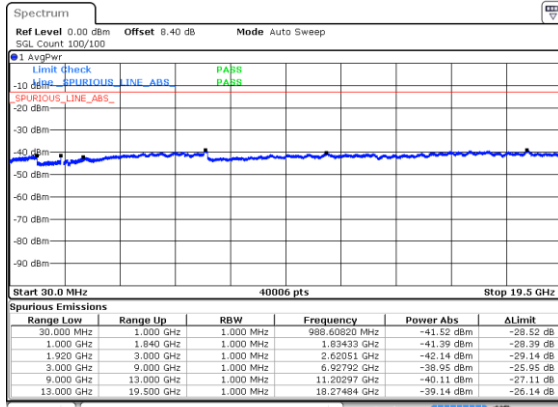




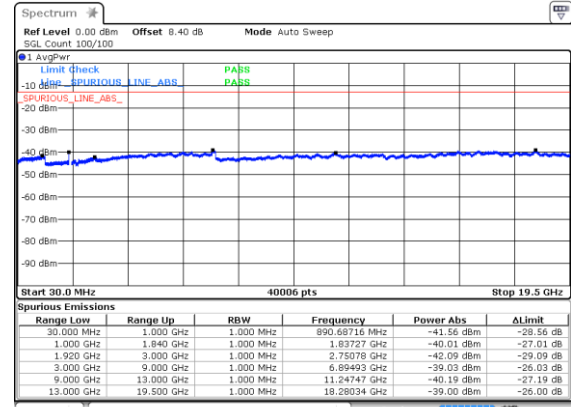
Conducted Spurious Emission

EN-DC_5A_n2A / LTE 10MHz + NR 5MHz

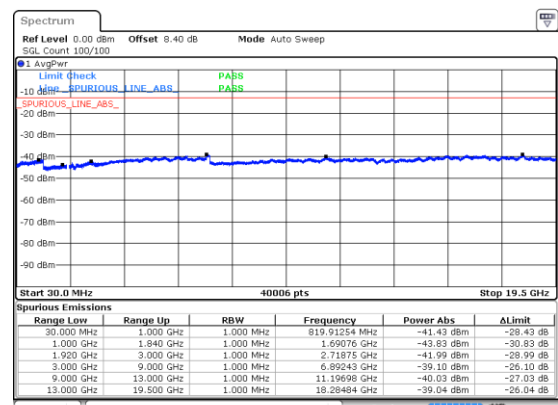
Lowest Channel / BPSK



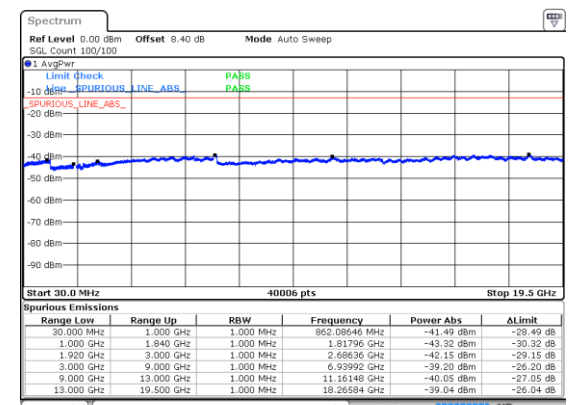
Lowest Channel / QPSK



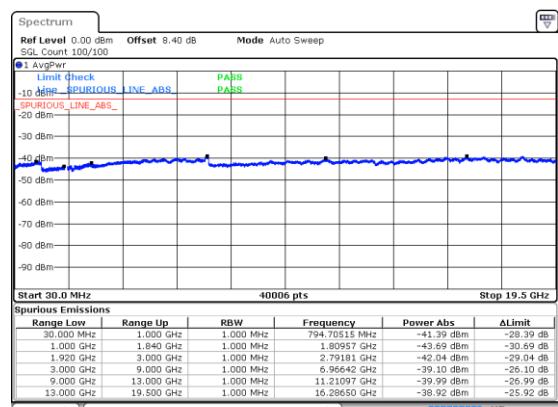
Middle Channel / BPSK



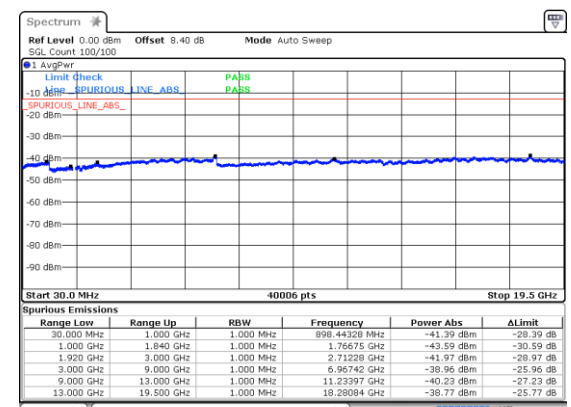
Middle Channel / QPSK



Highest Channel / BPSK



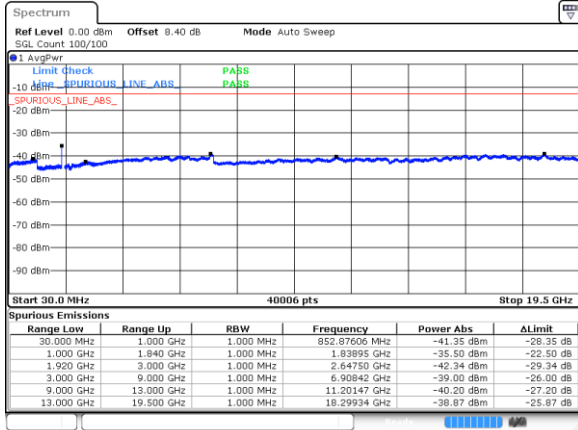
Highest Channel / QPSK





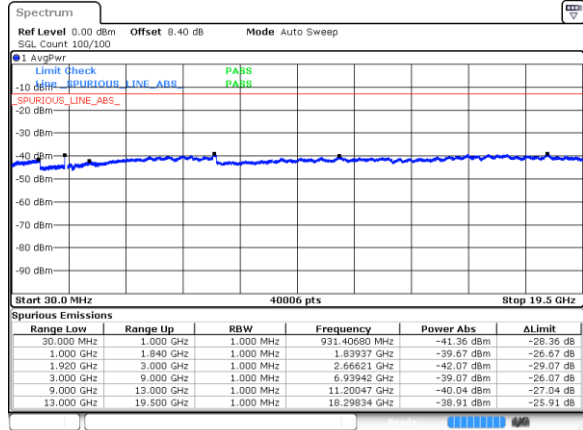
EN-DC_5A_n2A / LTE 10MHz + NR 10MHz

Lowest Channel / BPSK



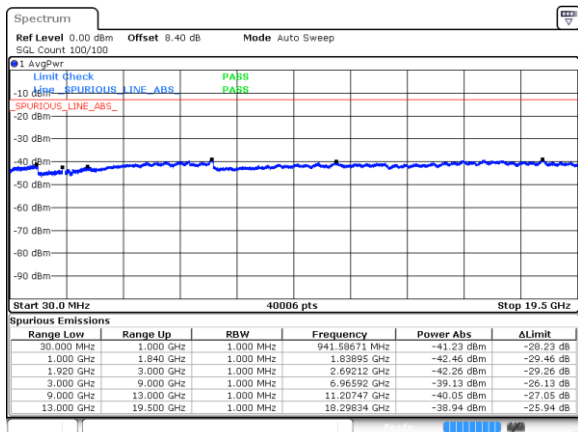
Date: 15 MAR 2020 09:42:46

Lowest Channel / QPSK



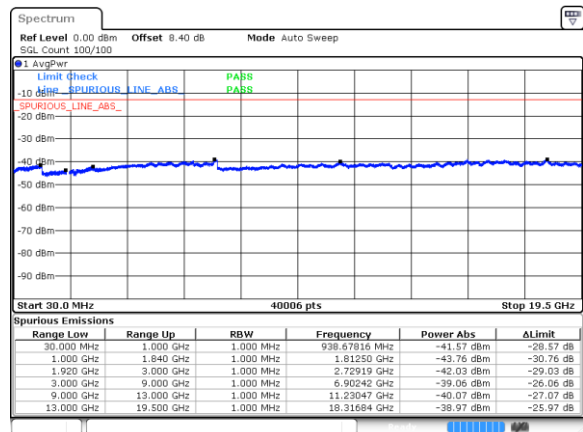
Date: 15 MAR 2020 09:40:33

Middle Channel / BPSK



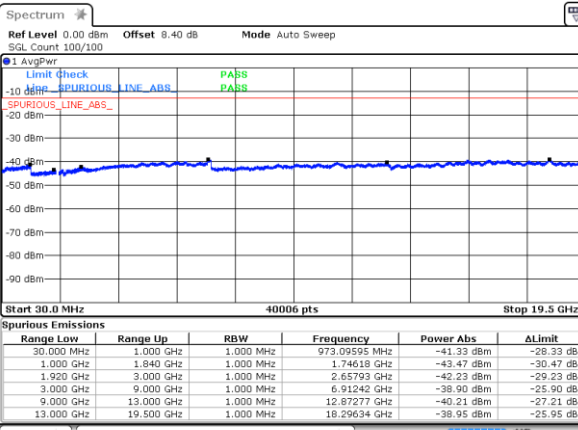
Date: 15 MAR 2020 09:45:34

Middle Channel / QPSK



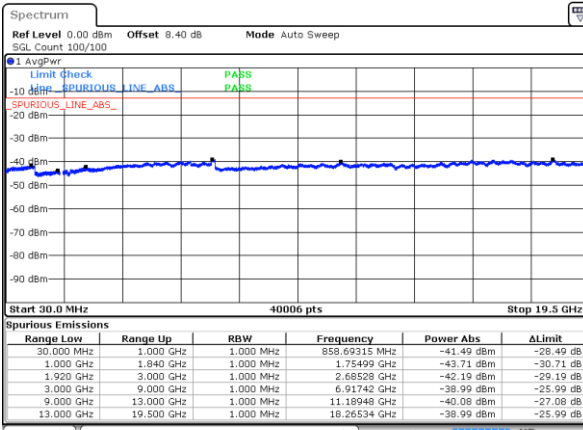
Date: 15 MAR 2020 09:47:41

Highest Channel / BPSK



Date: 15 MAR 2020 09:33:04

Highest Channel / QPSK

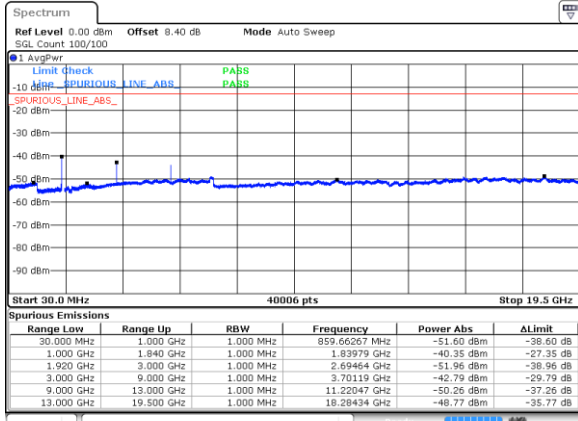


Date: 15 MAR 2020 09:36:26



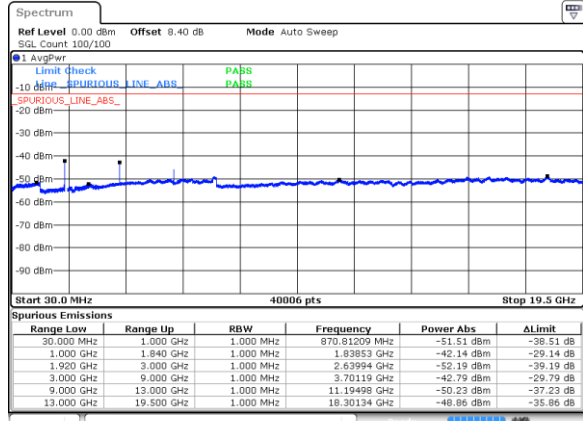
EN-DC_5A_n2A / LTE 10MHz + NR 20MHz

Lowest Channel / BPSK



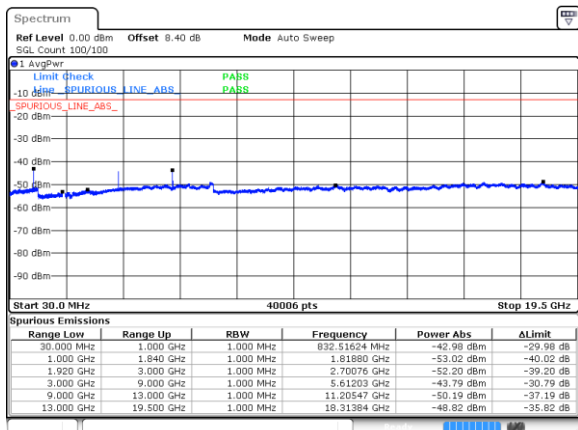
Date: 14 MAR 2020 19:04:49

Lowest Channel / QPSK



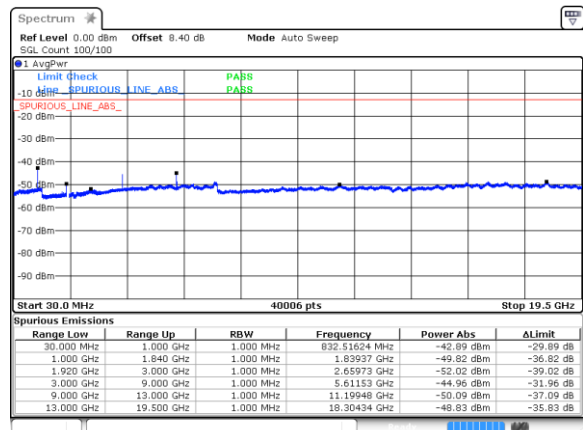
Date: 14 MAR 2020 19:07:31

Middle Channel / BPSK



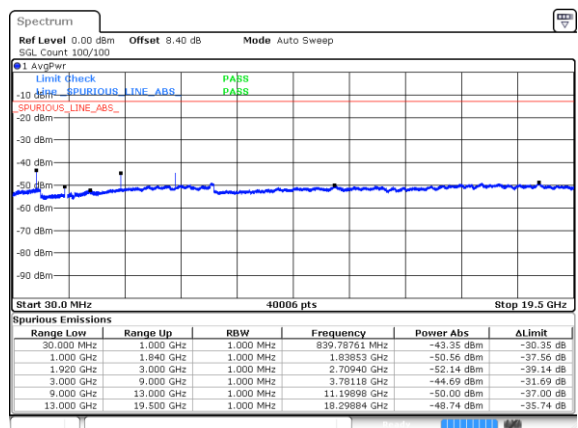
Date: 14 MAR 2020 19:24:06

Middle Channel / QPSK



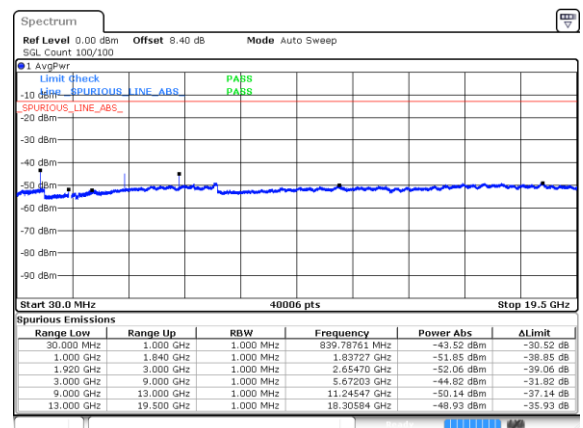
Date: 14 MAR 2020 19:21:29

Highest Channel / BPSK



Date: 14 MAR 2020 19:27:07

Highest Channel / QPSK

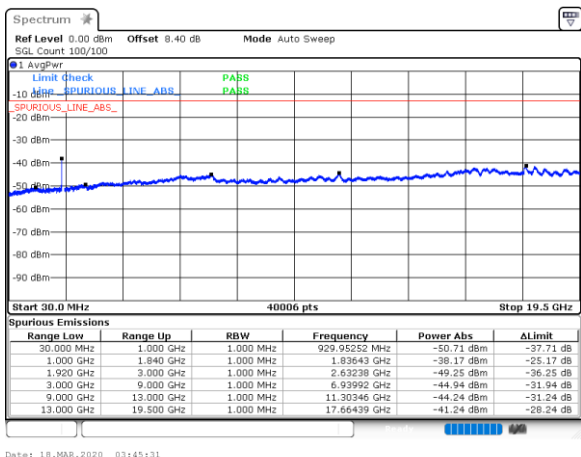


Date: 14 MAR 2020 19:25:22

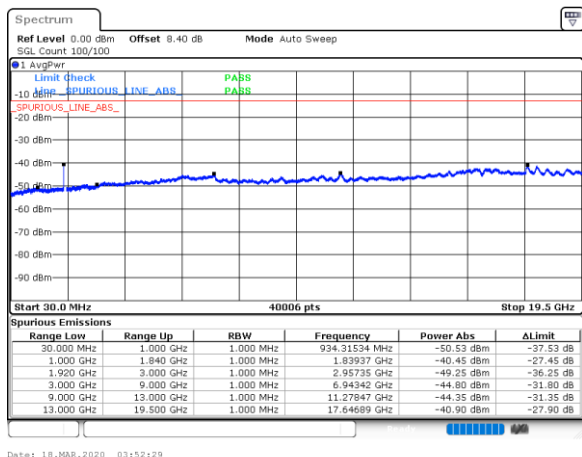


EN-DC_12A_n2A / LTE 10MHz + NR 5MHz

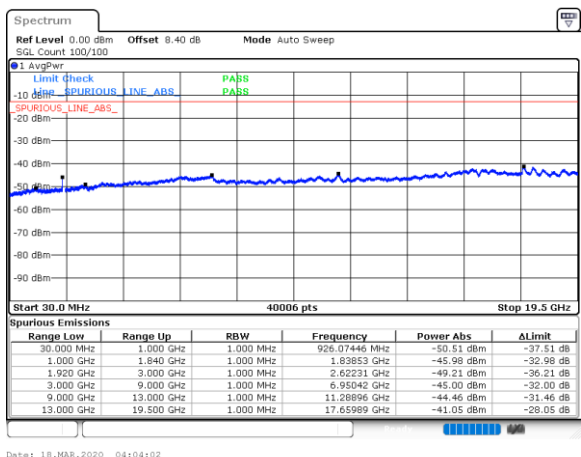
Lowest Channel / BPSK



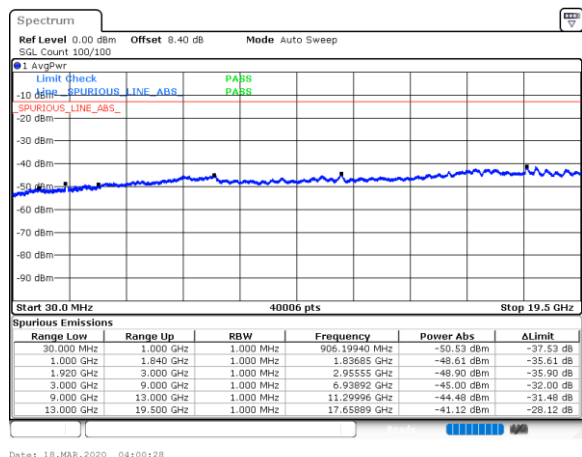
Lowest Channel / QPSK



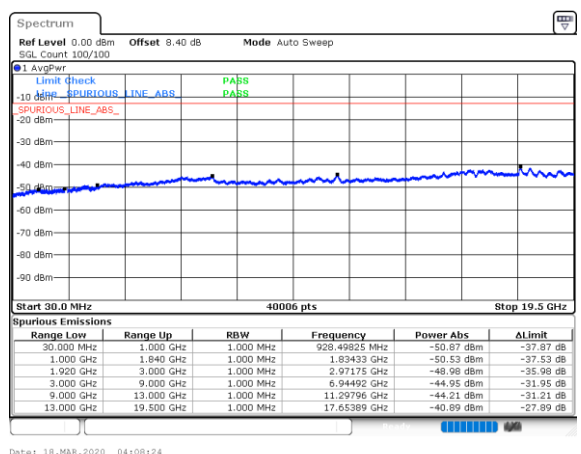
Middle Channel / BPSK



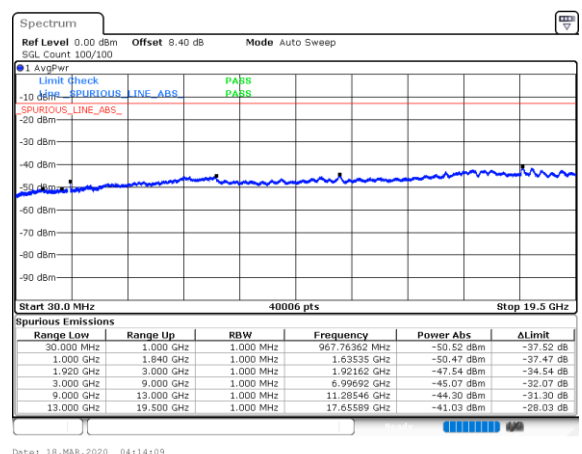
Middle Channel / QPSK



Highest Channel / BPSK



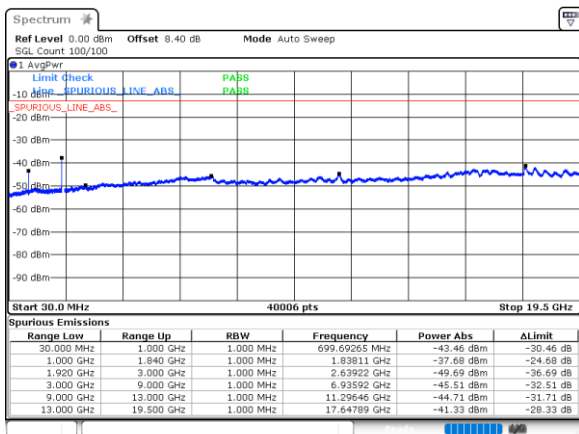
Highest Channel / QPSK





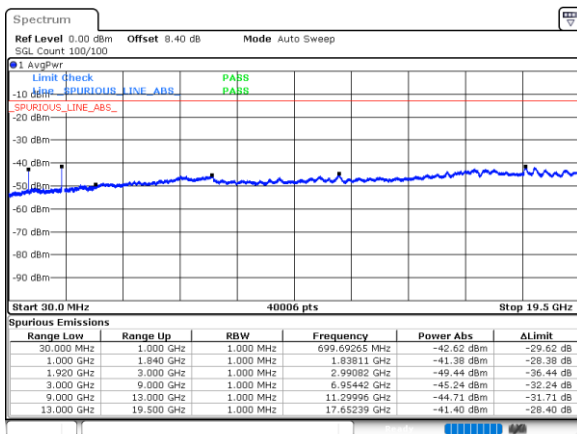
EN-DC_12A_n2A / LTE 10MHz + NR 10MHz

Lowest Channel / BPSK



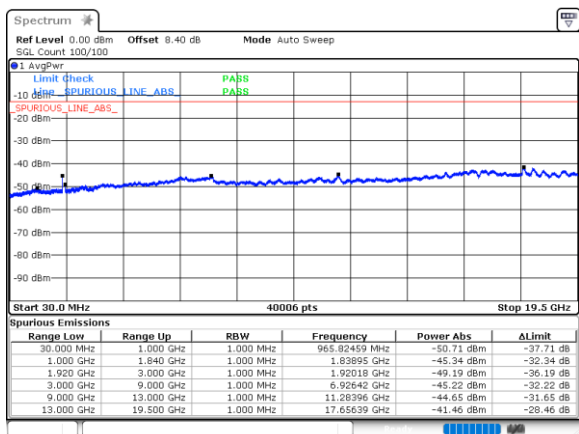
Date: 19.MAR.2020 09:52:11

Lowest Channel / QPSK



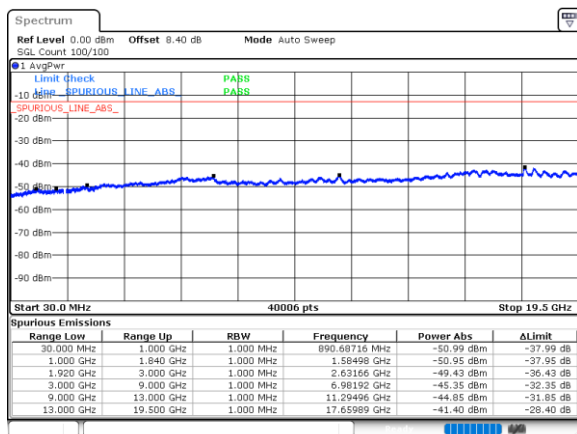
Date: 19.MAR.2020 09:54:52

Middle Channel / BPSK



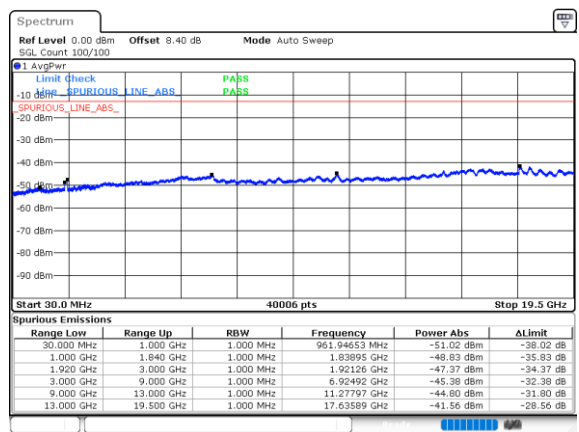
Date: 19.MAR.2020 11:15:27

Middle Channel / QPSK



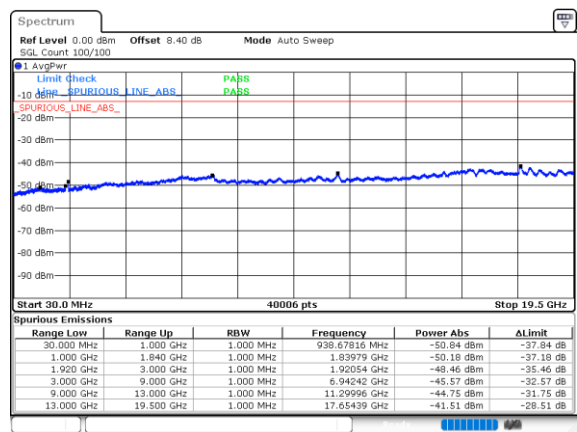
Date: 19.MAR.2020 11:18:37

Highest Channel / BPSK



Date: 19.MAR.2020 11:20:40

Highest Channel / QPSK

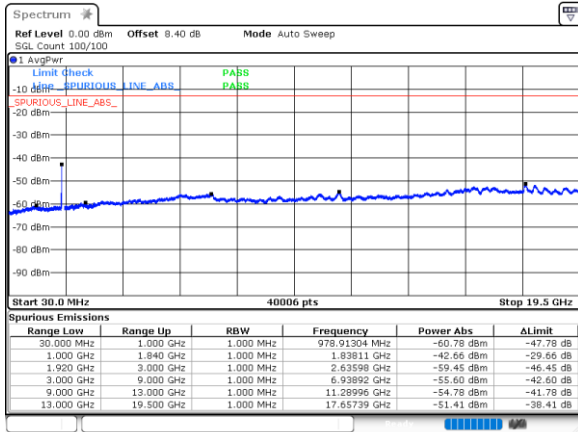


Date: 19.MAR.2020 11:26:23

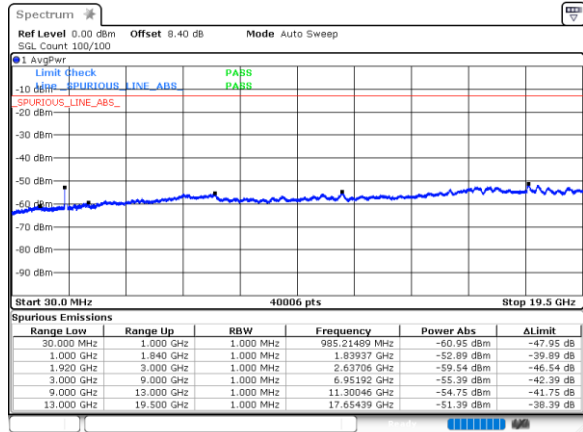


EN-DC_12A_n2A / LTE 10MHz + NR 20MHz

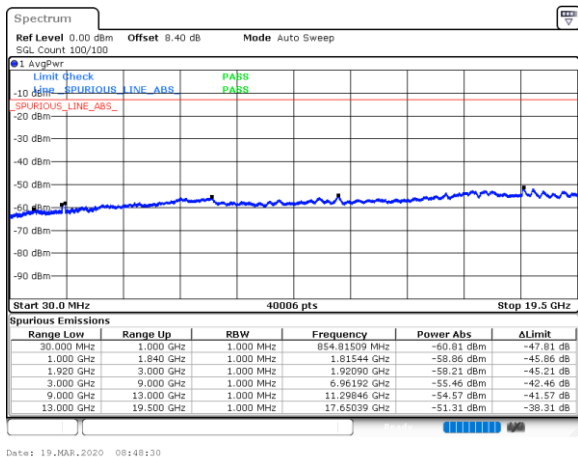
Lowest Channel / BPSK



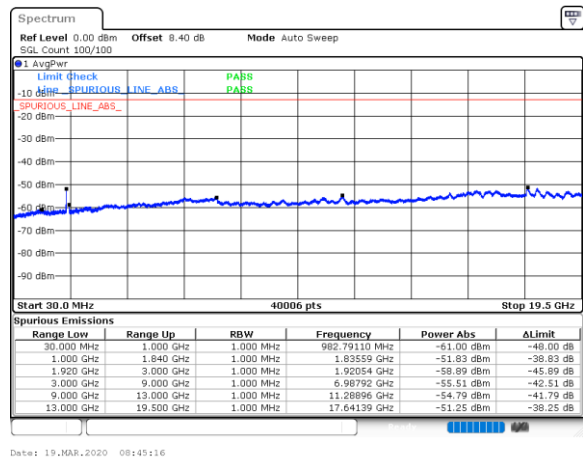
Lowest Channel / QPSK



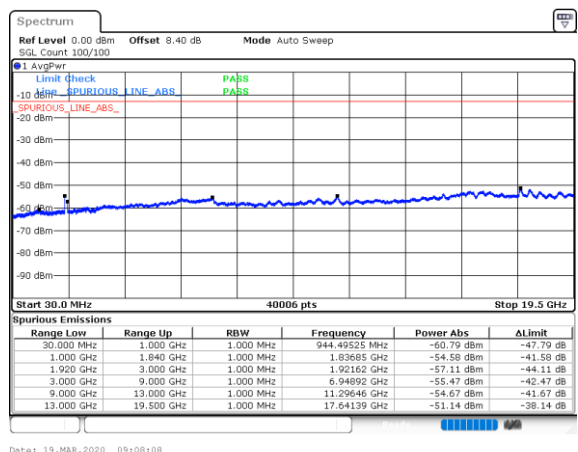
Middle Channel / BPSK



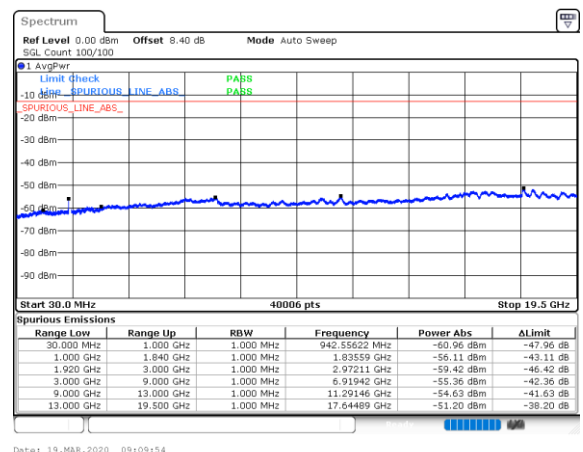
Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK



Frequency Stability

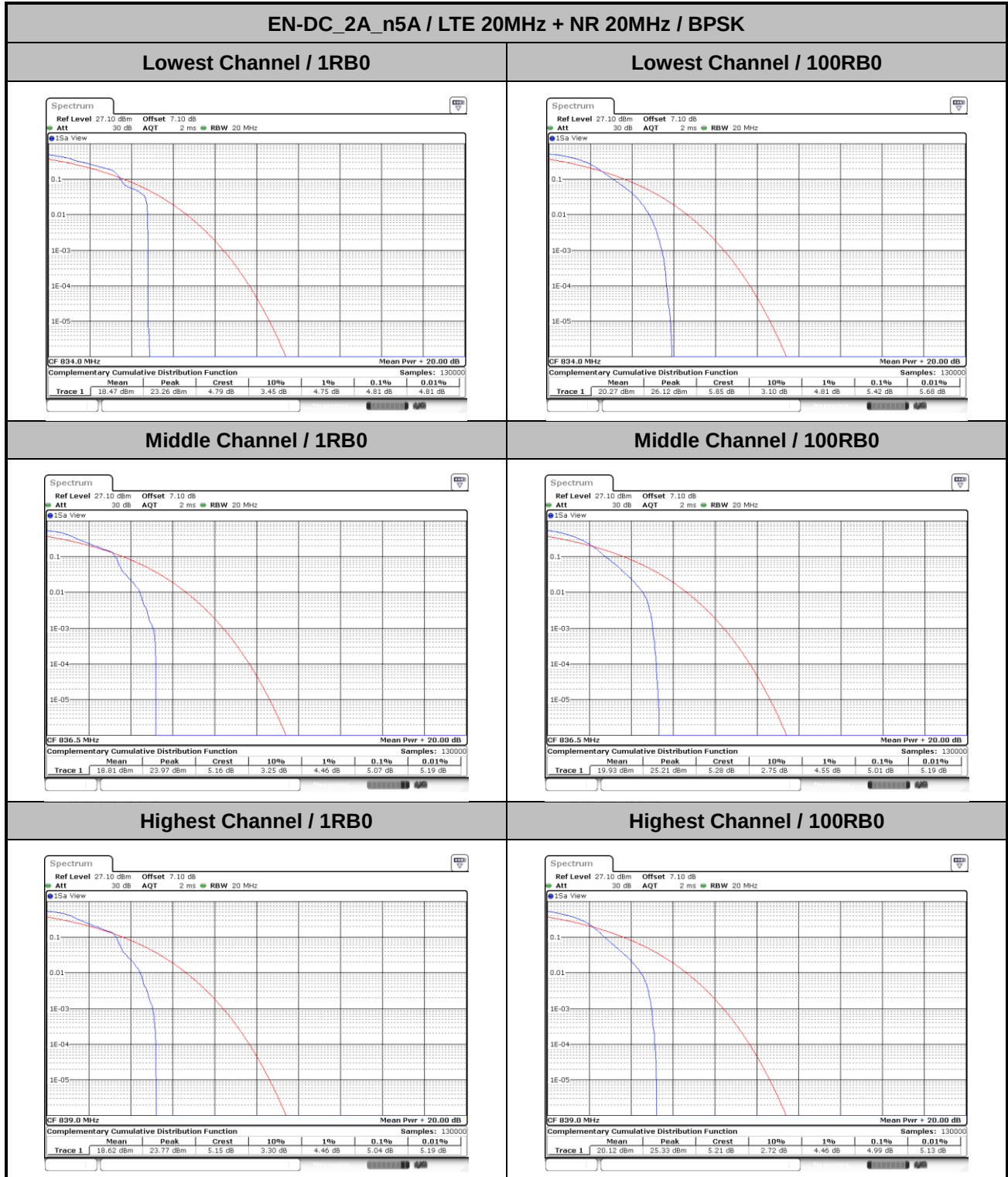
Test Conditions		EN-DC_5A_n2A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	LTE 10MHz + NR 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0008	

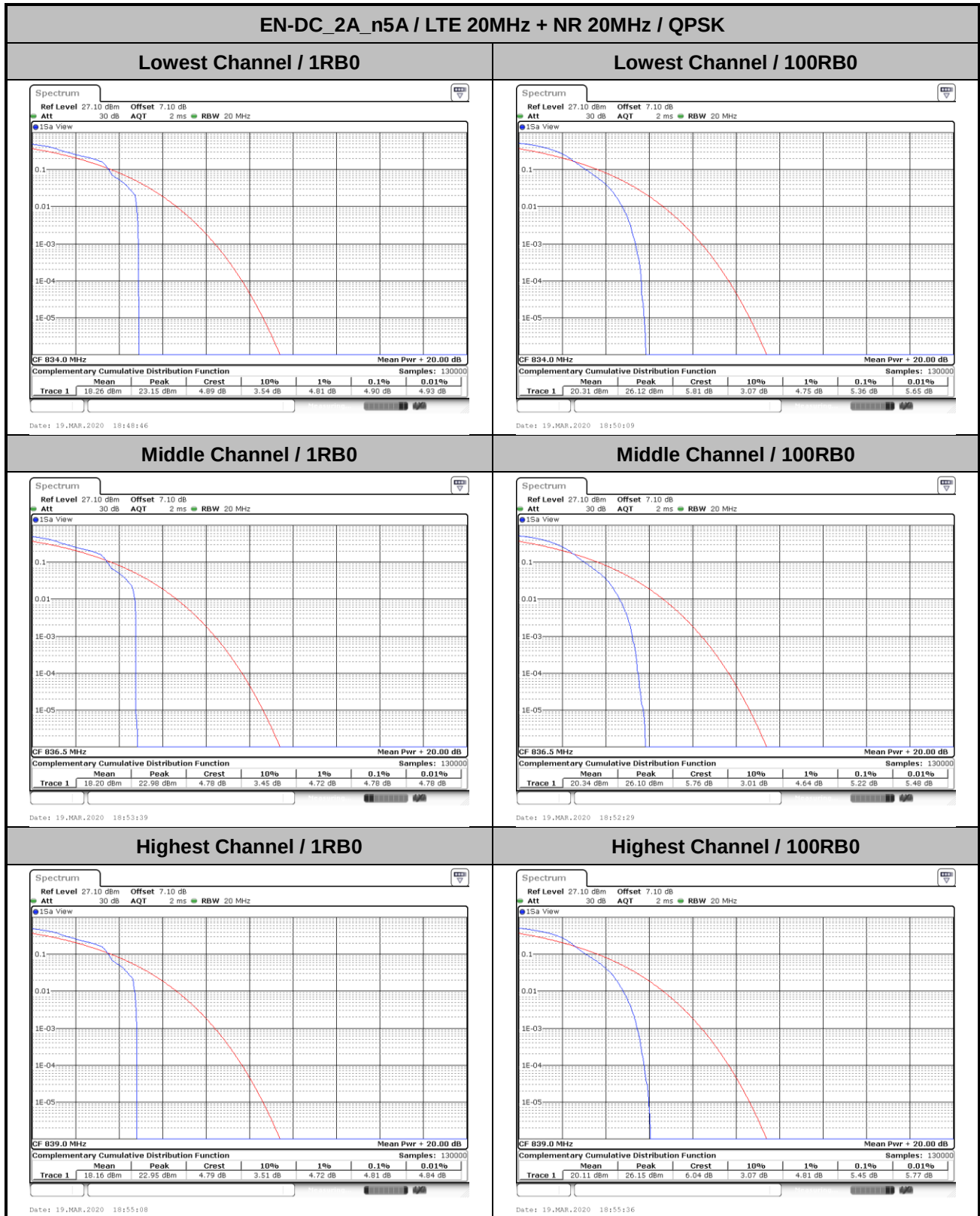
Note:

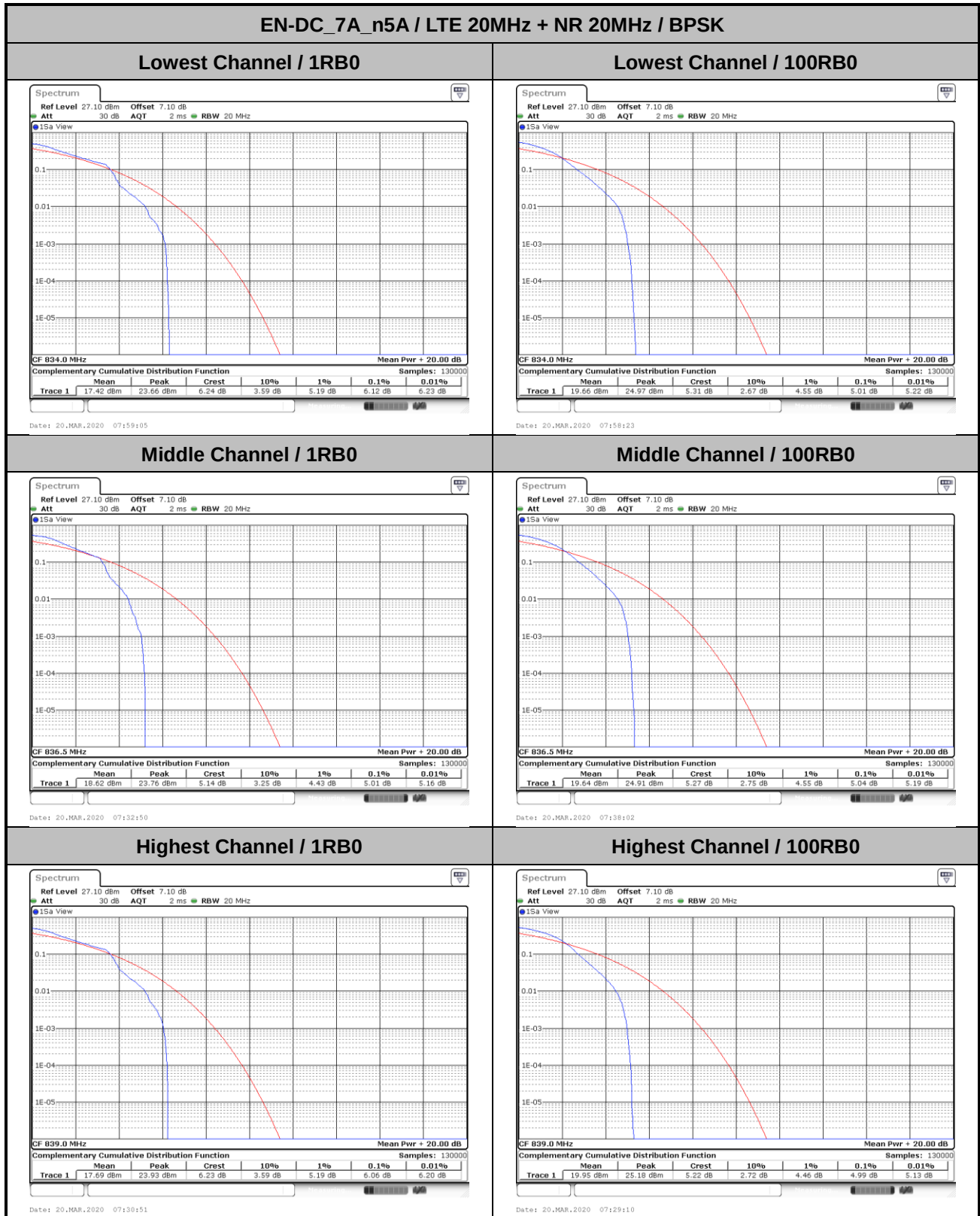
1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

5G NR n5

Peak-to-Average Ratio



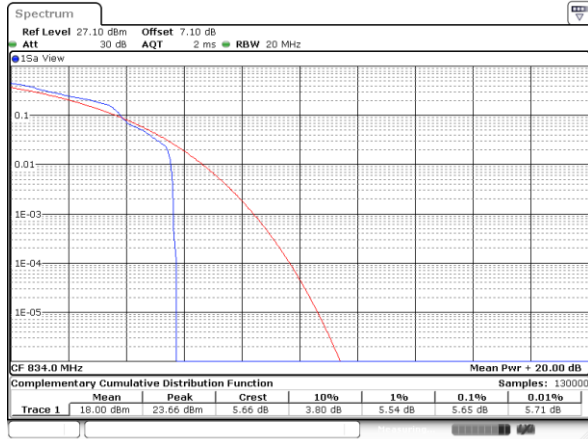




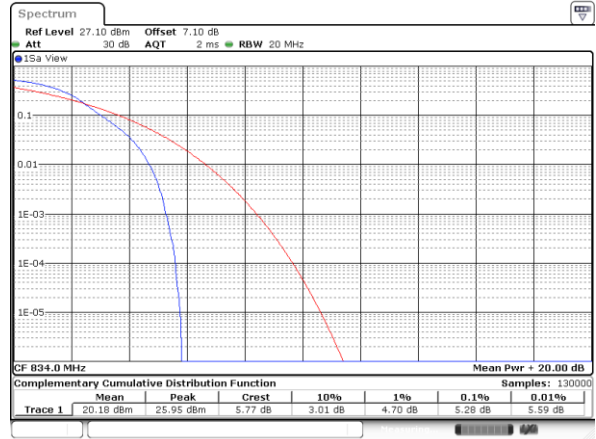


EN-DC_7A_n5A / LTE 20MHz + NR 20MHz / QPSK

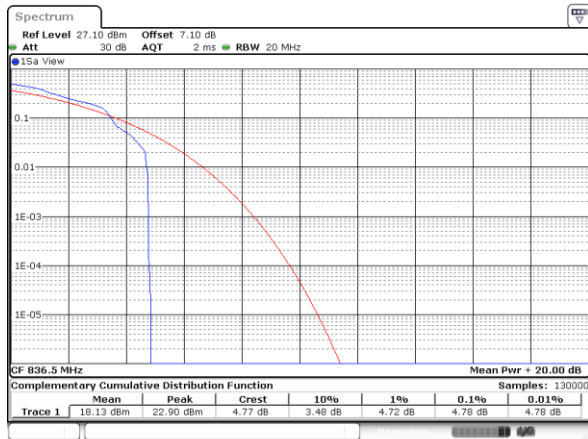
Lowest Channel / 1RB0



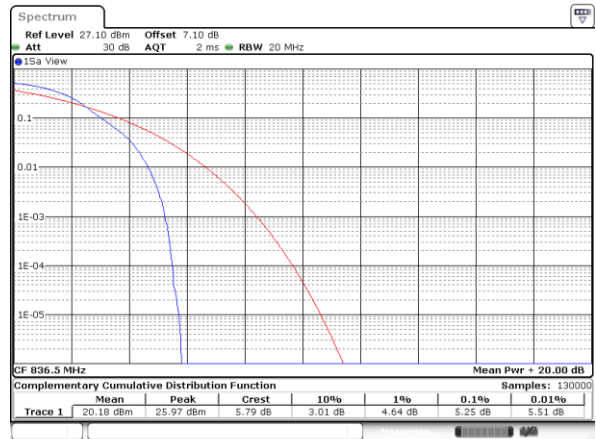
Lowest Channel / 100RB0



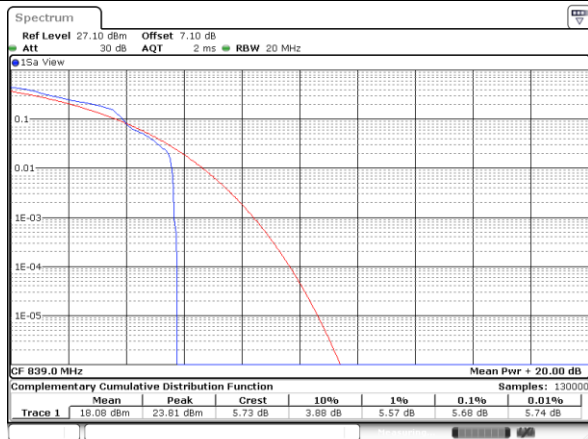
Middle Channel / 1RB0



Middle Channel / 100RB0



Highest Channel / 1RB0



Highest Channel / 100RB0

