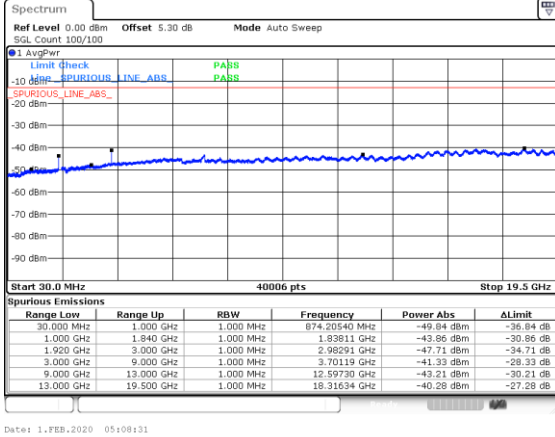


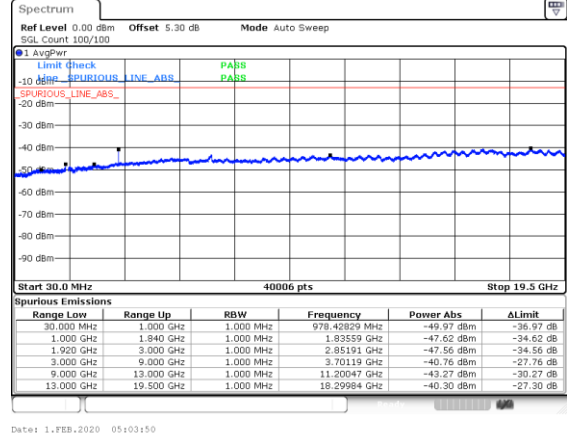


EN-DC\_12A\_n2A / LTE 10MHz + NR 10MHz

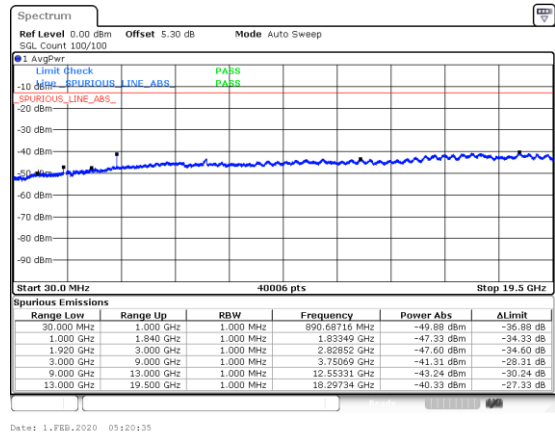
Lowest Channel / BPSK



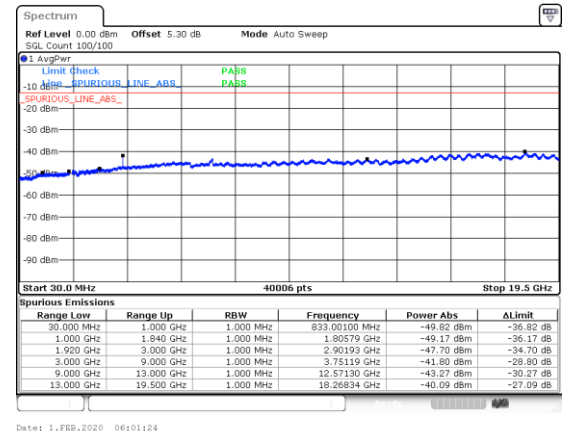
Lowest Channel / QPSK



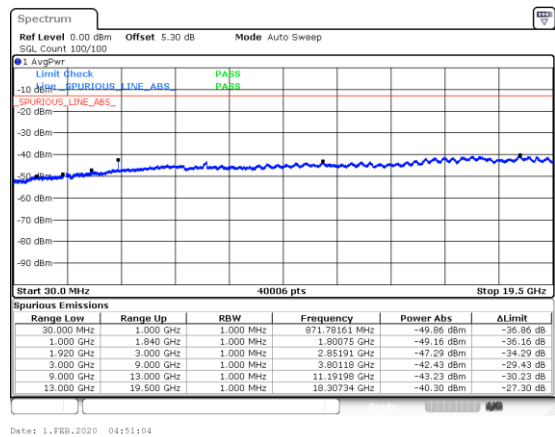
Middle Channel / BPSK



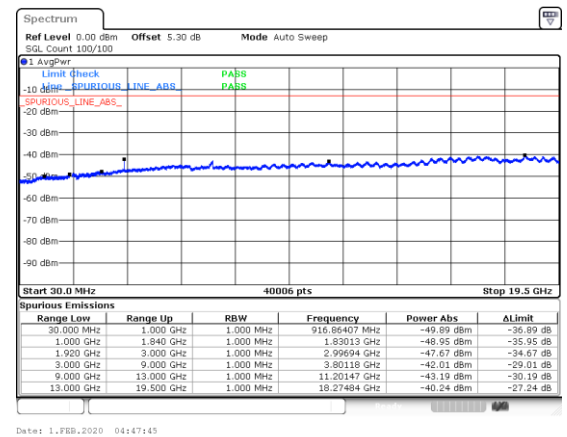
Middle Channel / QPSK



Highest Channel / BPSK



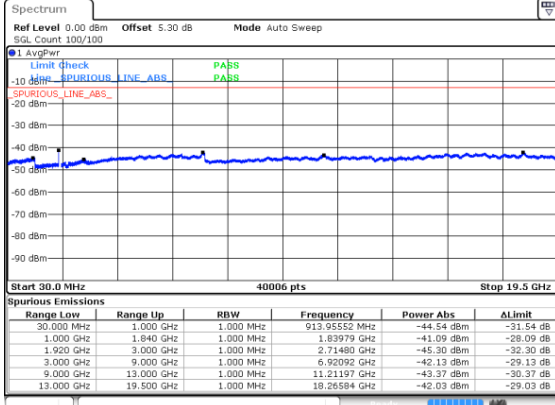
Highest Channel / QPSK





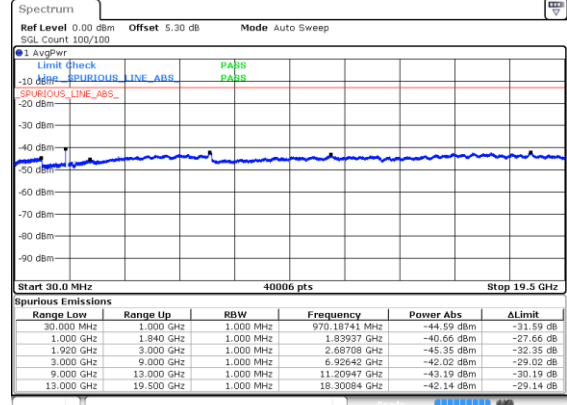
EN-DC\_12A\_n2A / LTE 10MHz + NR 20MHz

Lowest Channel / BPSK



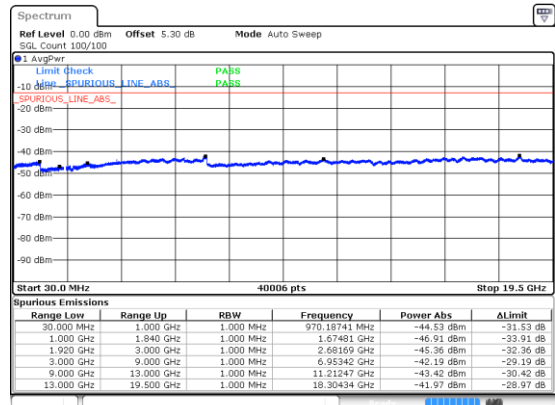
Date: 31 JAN 2020 16:53:44

Lowest Channel / QPSK



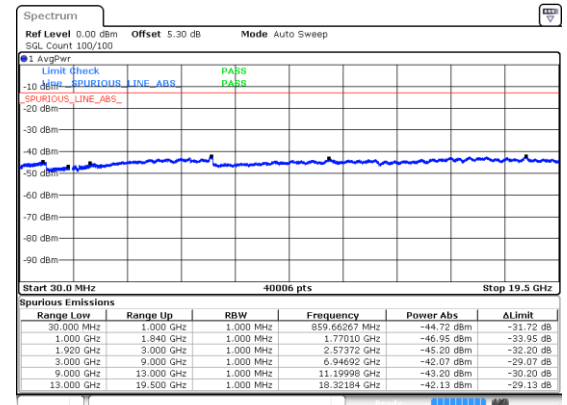
Date: 31 JAN 2020 16:50:47

Middle Channel / BPSK



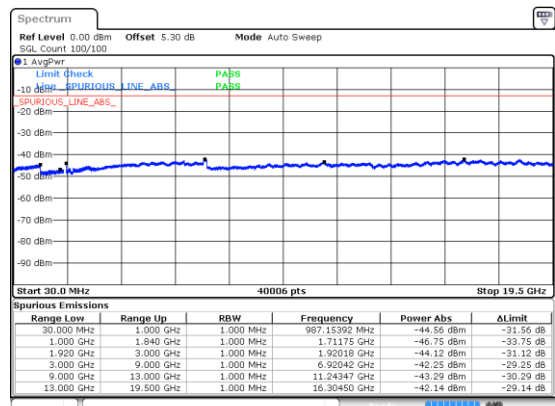
Date: 31 JAN 2020 16:37:11

Middle Channel / QPSK



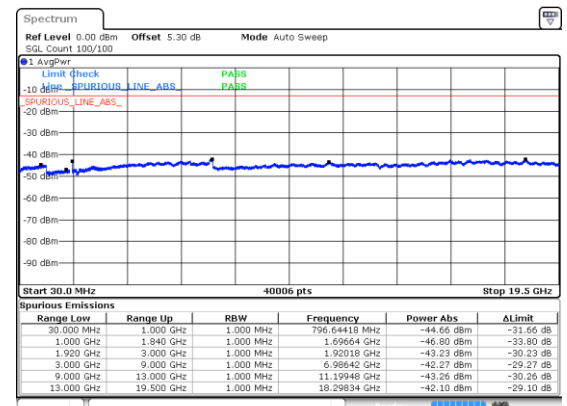
Date: 31 JAN 2020 16:28:57

Highest Channel / BPSK



Date: 31 JAN 2020 17:31:26

Highest Channel / QPSK



Date: 31 JAN 2020 17:35:10



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	0.0017	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0008	

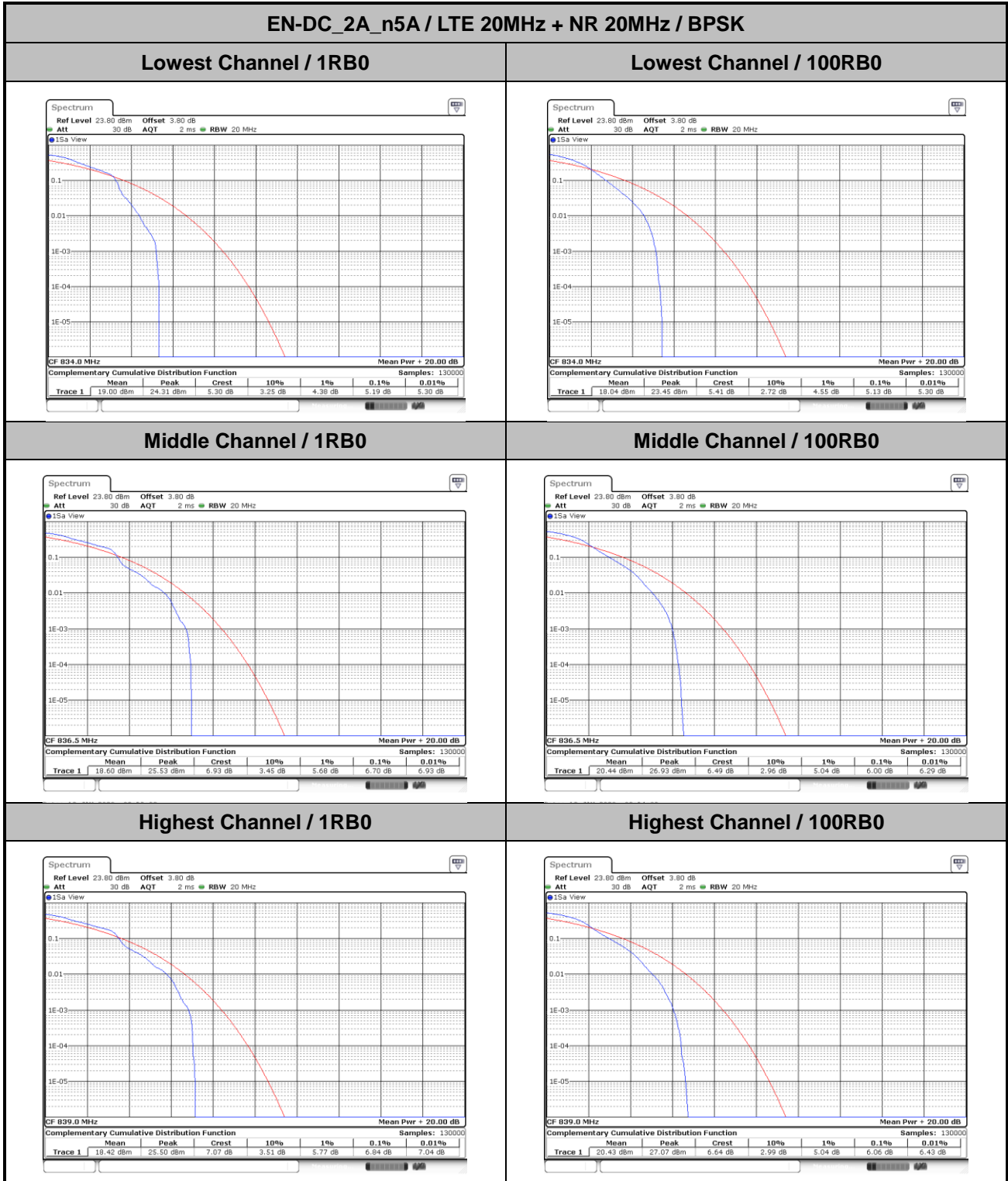
Note:

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

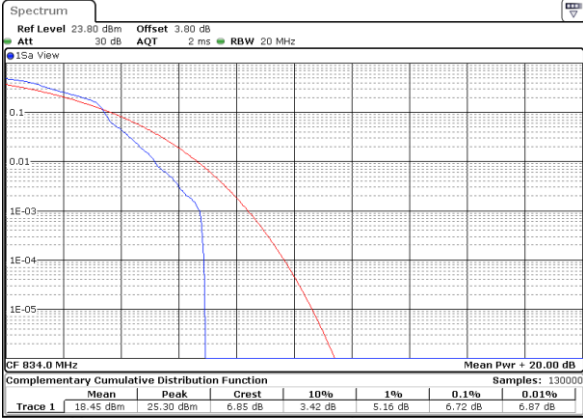
## Peak-to-Average Ratio





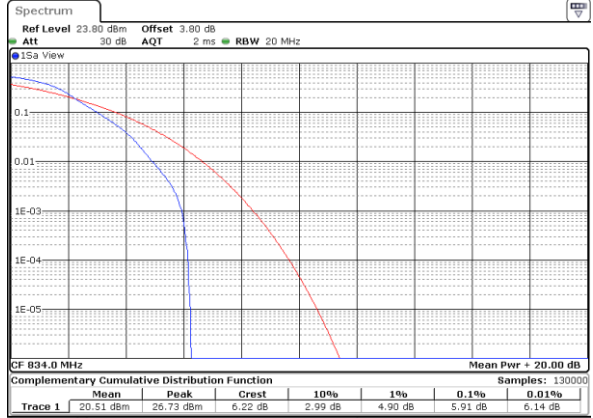
EN-DC\_2A\_n5A / LTE 20MHz + NR 20MHz / QPSK

Lowest Channel / 1RB0



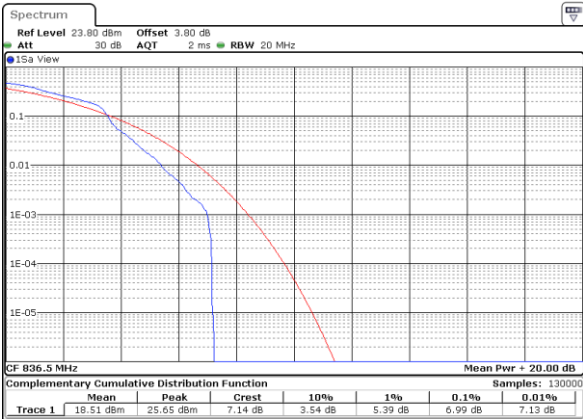
Date: 12\_JAN.2020 02:57:14

Lowest Channel / 100RB0



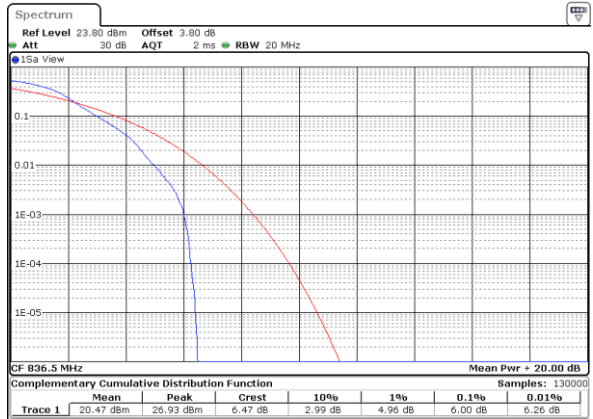
Date: 12\_JAN.2020 02:57:05

Middle Channel / 1RB0



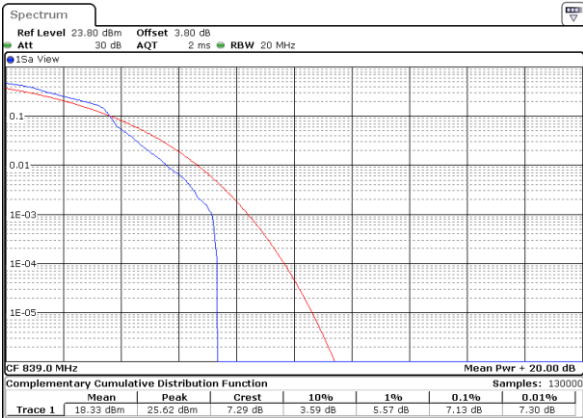
Date: 12\_JAN.2020 02:53:16

Middle Channel / 100RB0



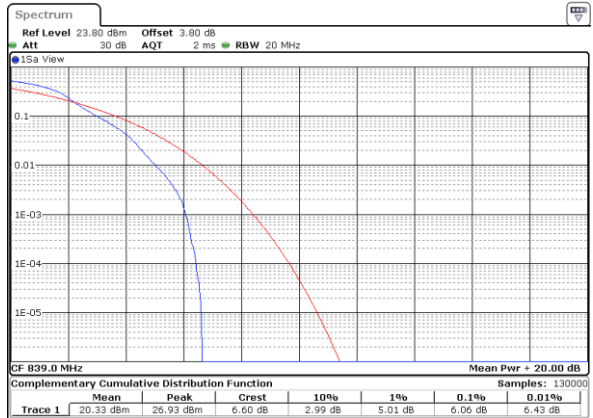
Date: 12\_JAN.2020 02:52:42

Highest Channel / 1RB0



Date: 12\_JAN.2020 02:49:15

Highest Channel / 100RB0

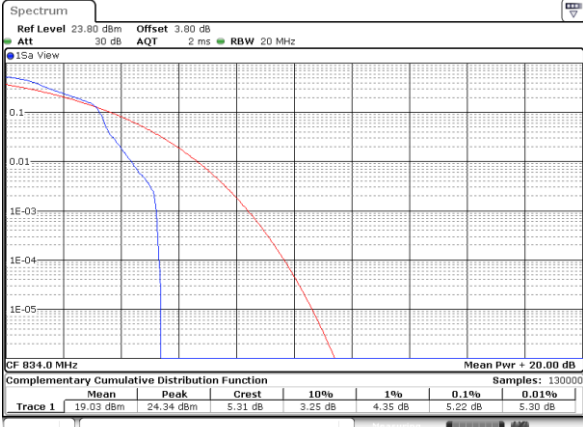


Date: 12\_JAN.2020 02:48:50



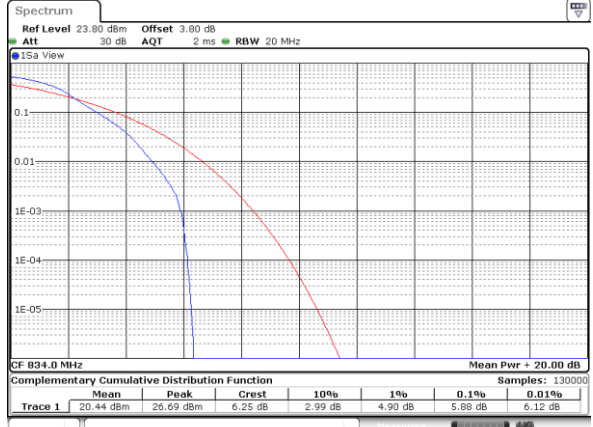
EN-DC\_66A\_n5A / LTE 20MHz + NR 20MHz / BPSK

Lowest Channel / 1RB0



Date: 12\_JAN.2020 02:13:51

Lowest Channel / 100RB0



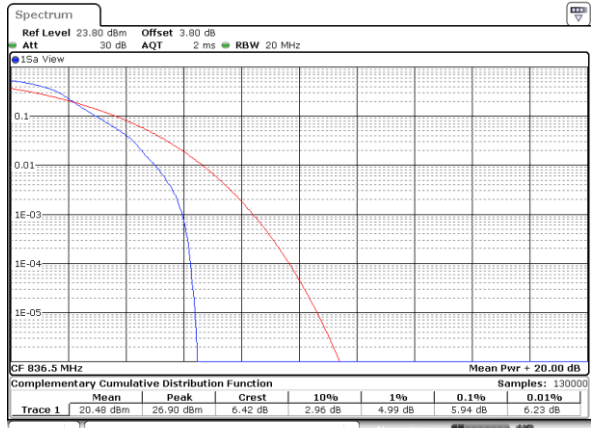
Date: 12\_JAN.2020 02:13:19

Middle Channel / 1RB0



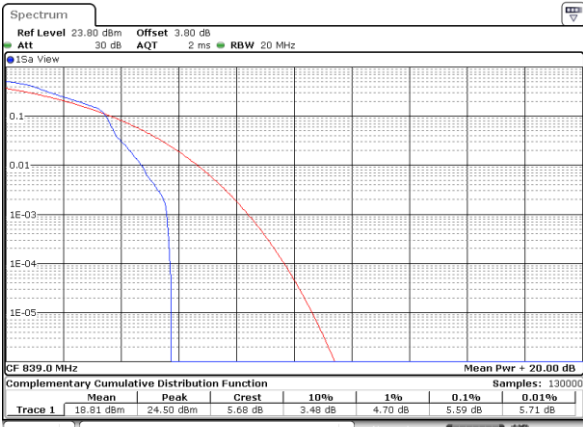
Date: 12\_JAN.2020 02:13:47

Middle Channel / 100RB0



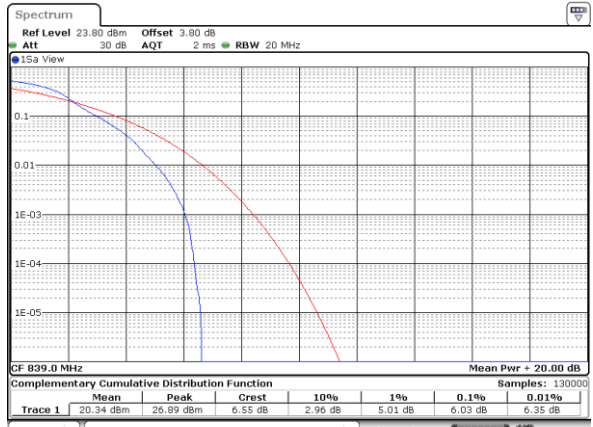
Date: 12\_JAN.2020 02:13:27

Highest Channel / 1RB0



Date: 12\_JAN.2020 03:10:41

Highest Channel / 100RB0

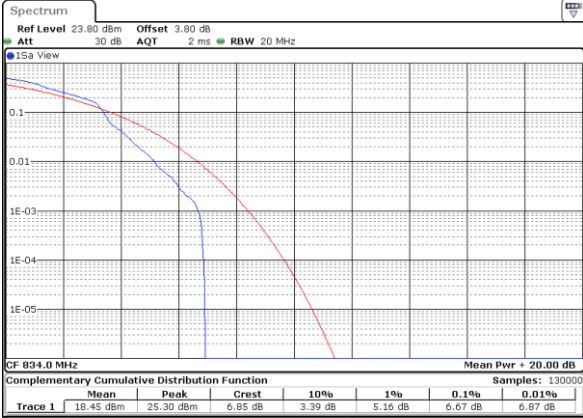


Date: 12\_JAN.2020 03:12:10



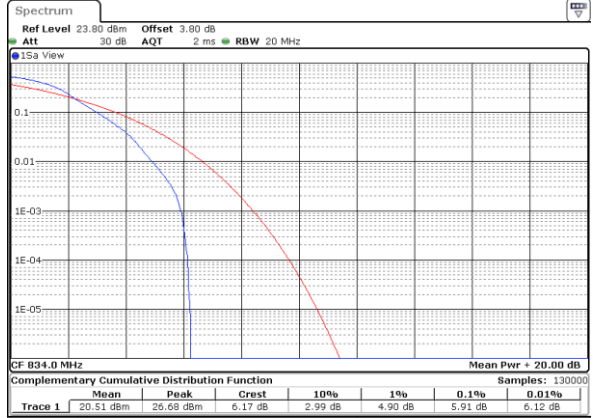
EN-DC\_66A\_n5A / LTE 20MHz + NR 20MHz / QPSK

Lowest Channel / 1RB0



Date: 12\_JAN.2020 02:13:05

Lowest Channel / 100RB0



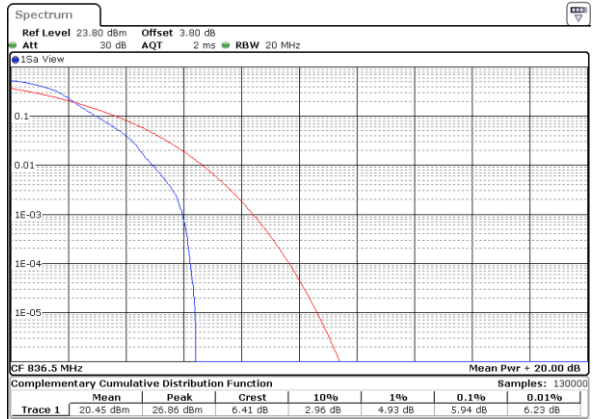
Date: 12\_JAN.2020 02:13:41

Middle Channel / 1RB0



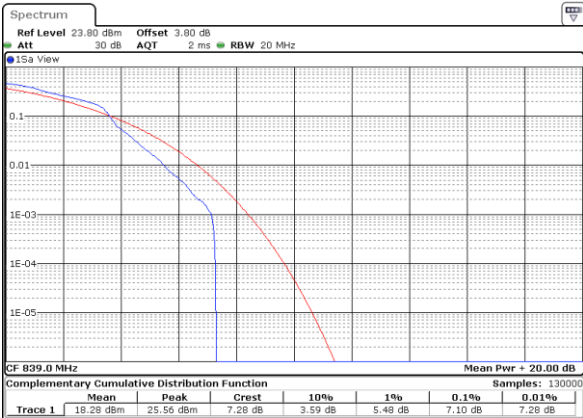
Date: 12\_JAN.2020 02:13:45

Middle Channel / 100RB0



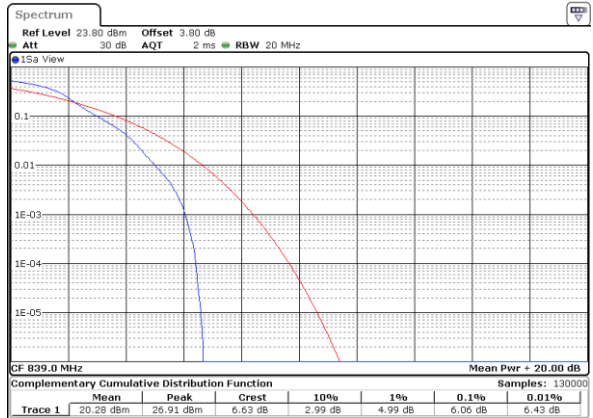
Date: 12\_JAN.2020 02:13:08

Highest Channel / 1RB0



Date: 12\_JAN.2020 03:10:19

Highest Channel / 100RB0



Date: 12\_JAN.2020 03:10:57



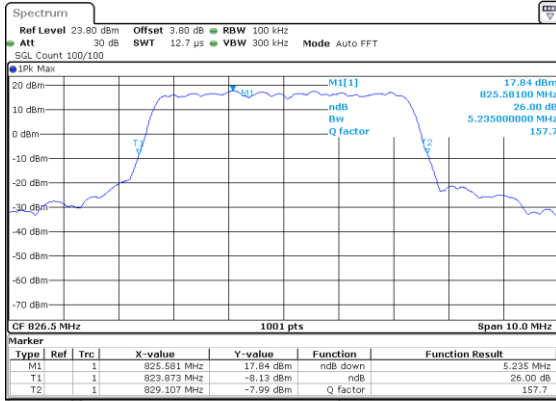


# 26dB Bandwidth

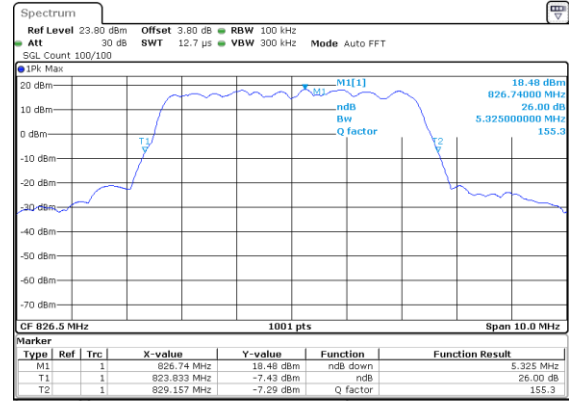
## EN-DC\_2A\_n5A

### Combination LTE 20MHz + NR 5MHz

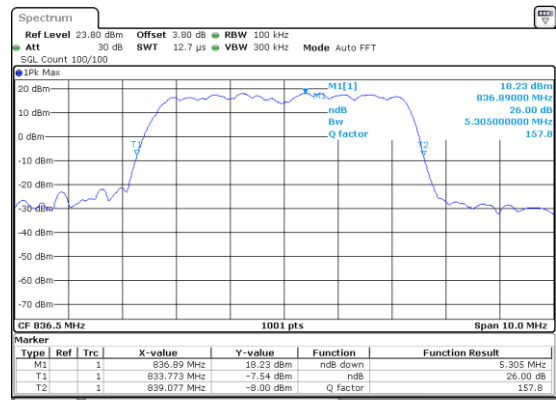
#### Lowest Channel / BPSK



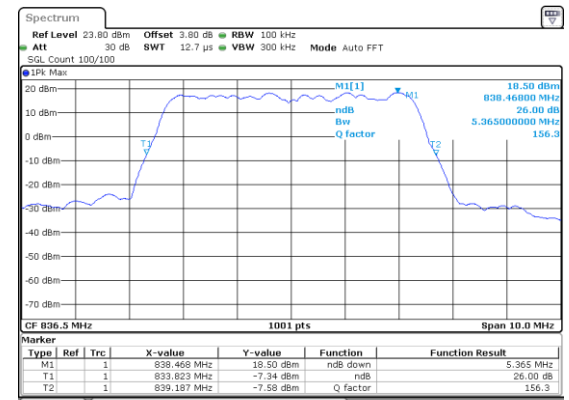
#### Lowest Channel / QPSK



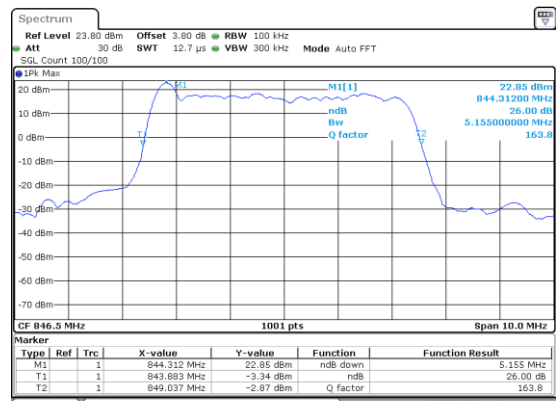
#### Middle Channel / BPSK



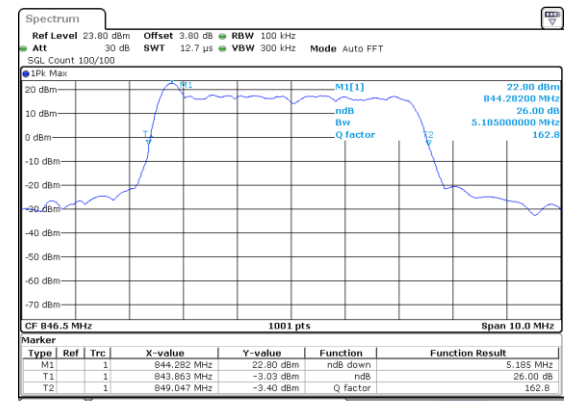
#### Middle Channel / QPSK



#### Highest Channel / BPSK



#### Highest Channel / QPSK



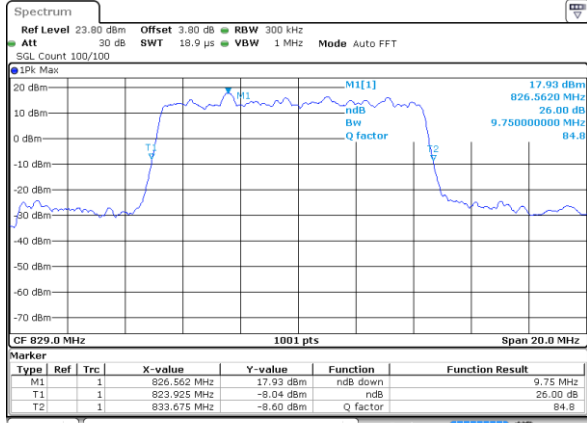




EN-DC\_2A\_n5A

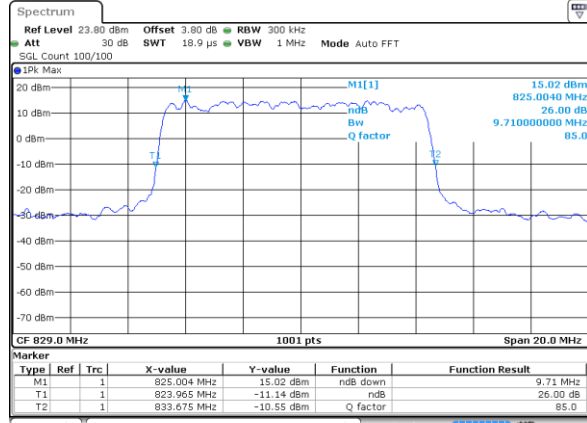
Combination LTE 20MHz + NR 10MHz

Lowest Channel / BPSK



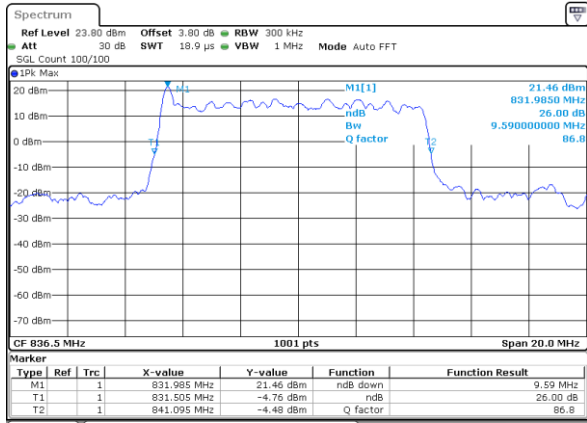
Date: 26 DEC 2019 15:39:08

Lowest Channel / QPSK



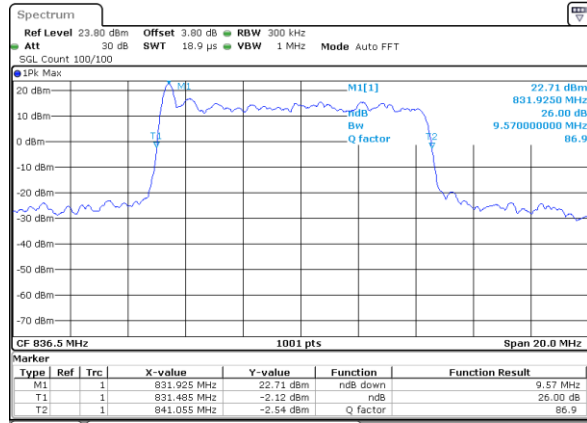
Date: 26 DEC 2019 15:40:27

Middle Channel / BPSK



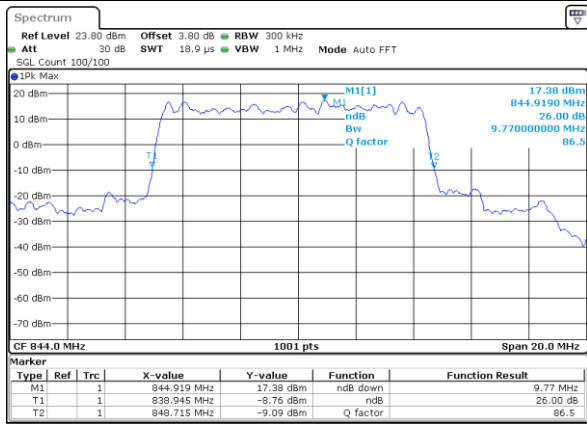
Date: 26 DEC 2019 15:53:06

Middle Channel / QPSK



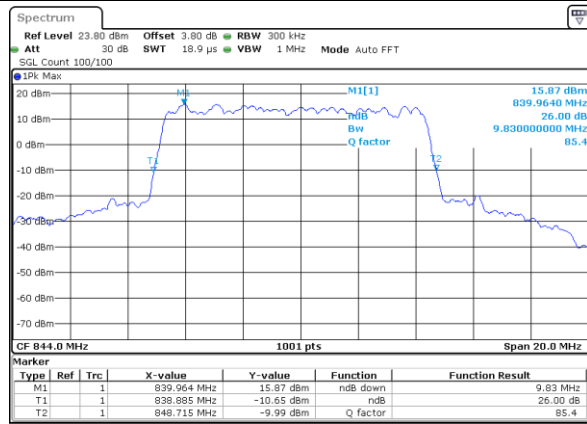
Date: 26 DEC 2019 15:53:49

Highest Channel / BPSK



Date: 26 DEC 2019 16:13:42

Highest Channel / QPSK



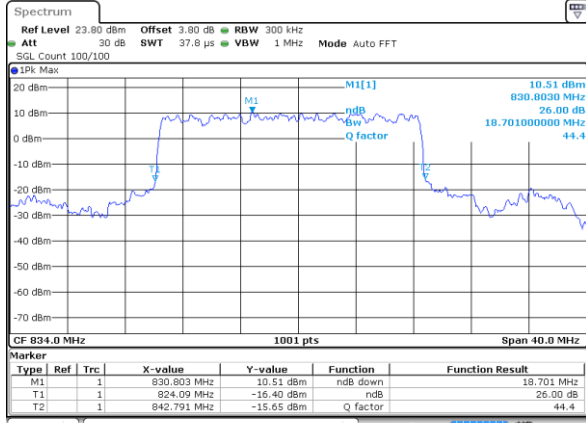
Date: 26 DEC 2019 16:16:53



EN-DC\_2A\_n5A

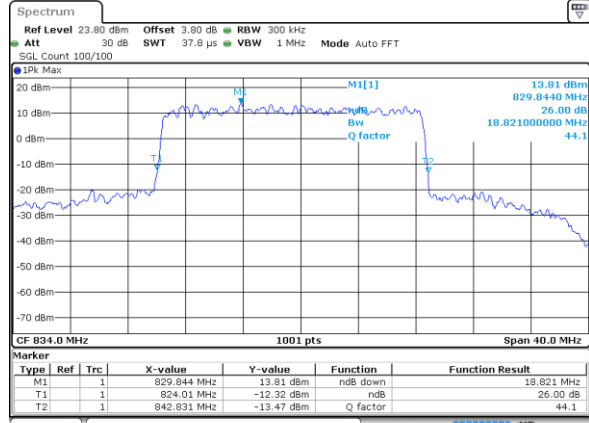
Combination LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



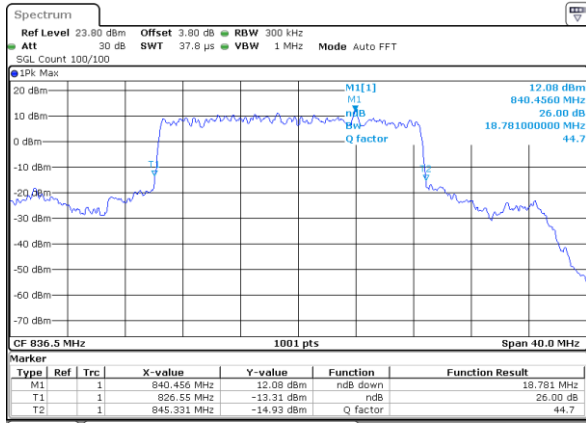
Date: 26 DEC 2019 14:12:21

Lowest Channel / QPSK



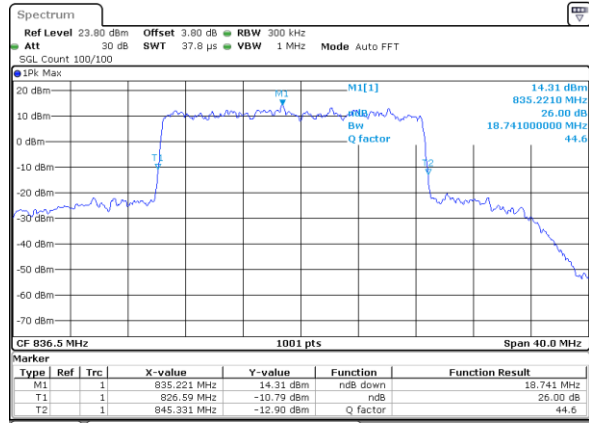
Date: 26 DEC 2019 14:10:45

Middle Channel / BPSK



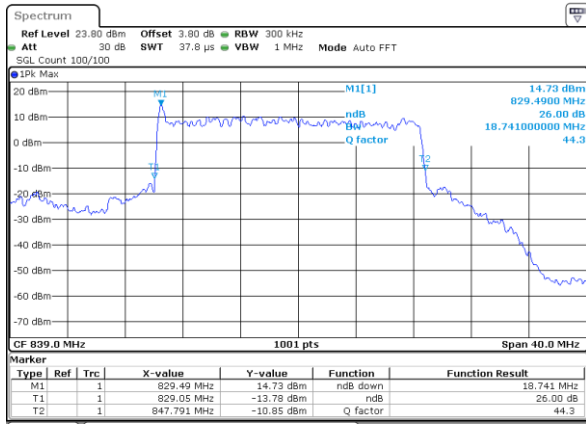
Date: 26 DEC 2019 15:01:17

Middle Channel / QPSK



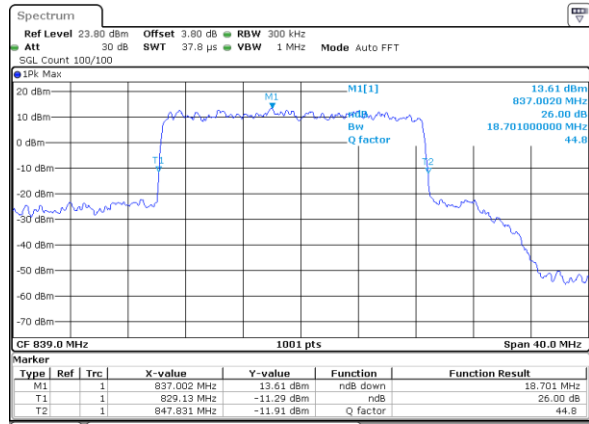
Date: 26 DEC 2019 15:03:33

Highest Channel / BPSK



Date: 26 DEC 2019 15:16:09

Highest Channel / QPSK



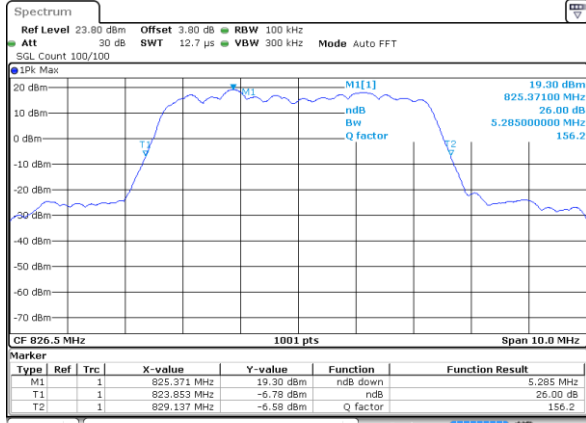
Date: 26 DEC 2019 15:17:42



EN-DC\_66A\_n5A

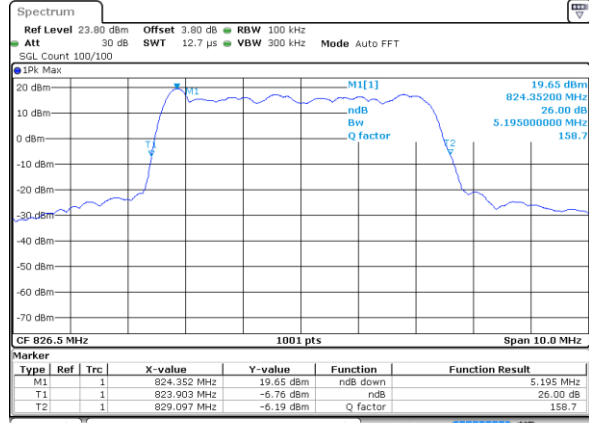
Combination LTE 20MHz + NR 5MHz

Lowest Channel / BPSK



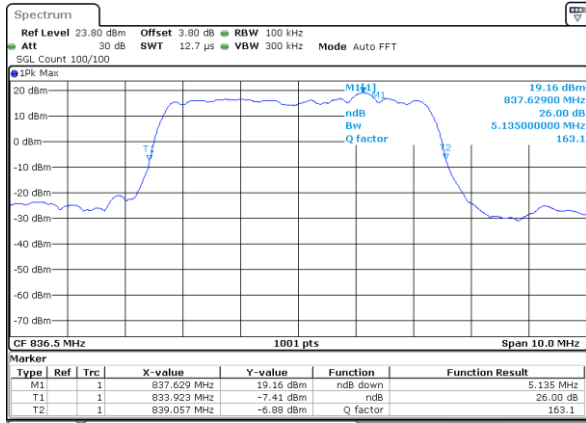
Date: 23 JAN 2020 10:38:08

Lowest Channel / QPSK



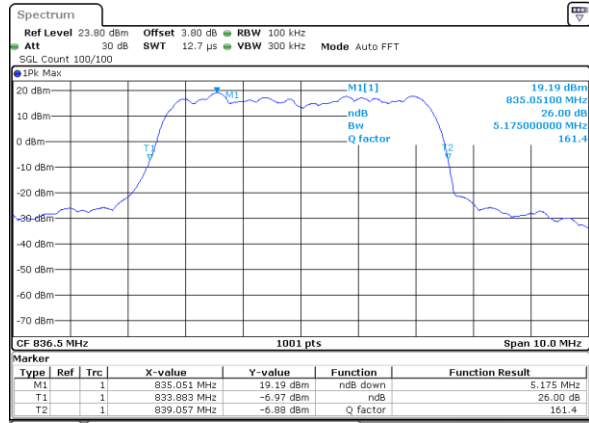
Date: 23 JAN 2020 10:39:30

Middle Channel / BPSK



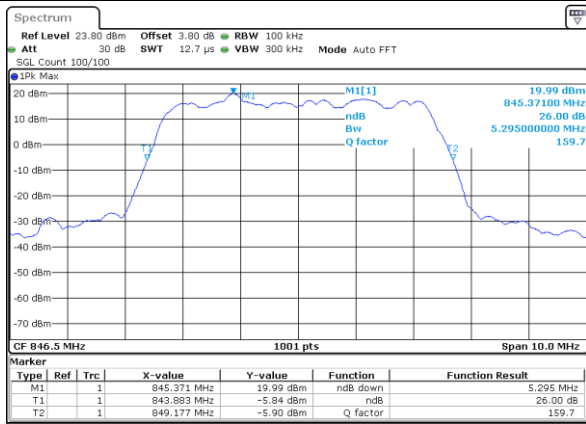
Date: 23 JAN 2020 10:30:02

Middle Channel / QPSK



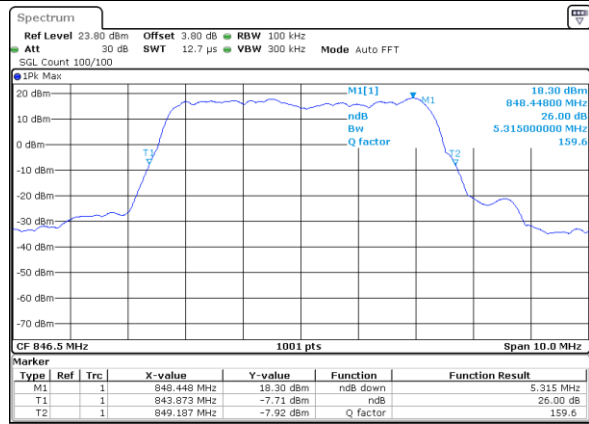
Date: 23 JAN 2020 10:26:43

Highest Channel / BPSK



Date: 23 JAN 2020 09:43:39

Highest Channel / QPSK



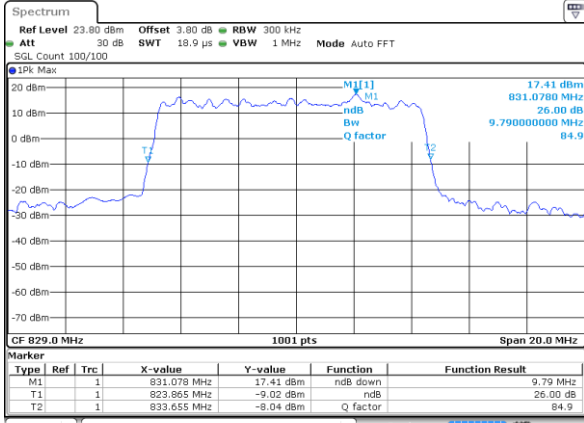
Date: 23 JAN 2020 09:29:52



EN-DC\_66A\_n5A

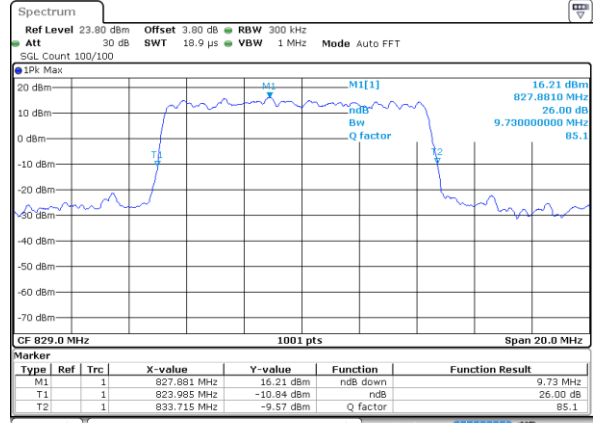
Combination LTE 20MHz + NR 10MHz

Lowest Channel / BPSK



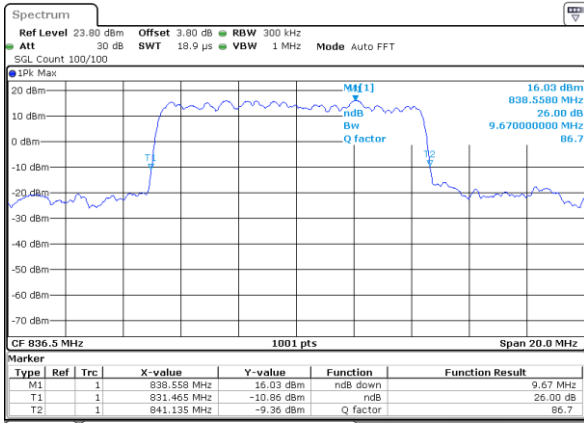
Date: 26 DEC 2019 18:49:31

Lowest Channel / QPSK



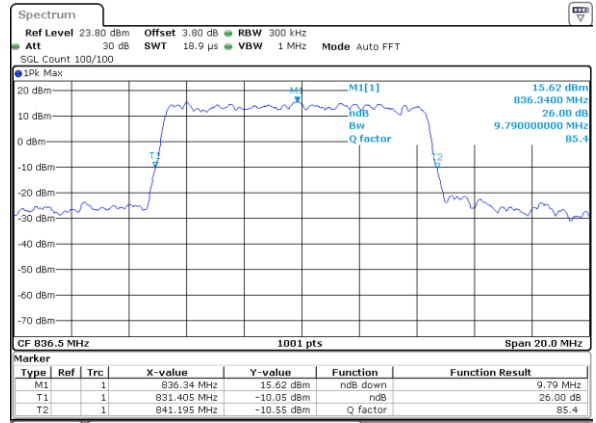
Date: 26 DEC 2019 18:51:29

Middle Channel / BPSK



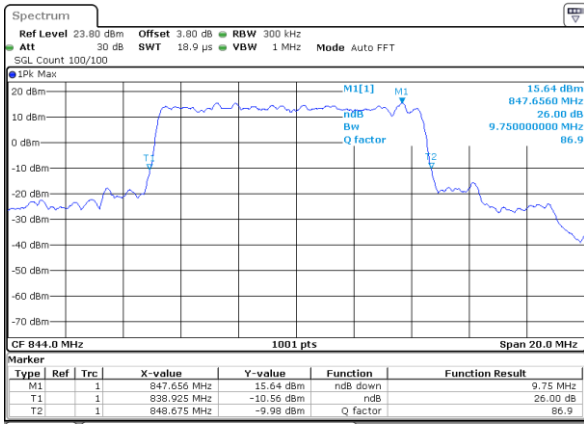
Date: 26 DEC 2019 19:21:59

Middle Channel / QPSK



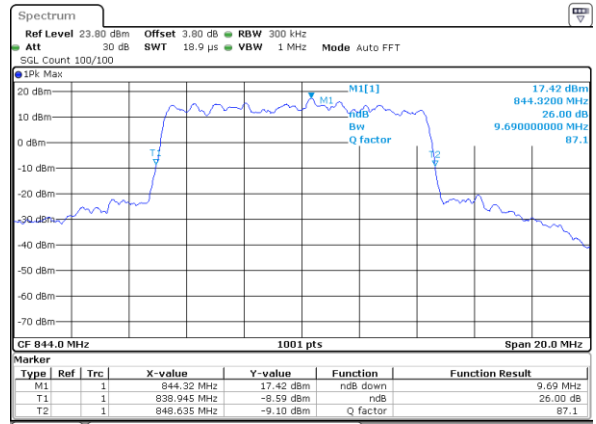
Date: 26 DEC 2019 19:21:25

Highest Channel / BPSK



Date: 26 DEC 2019 19:36:26

Highest Channel / QPSK



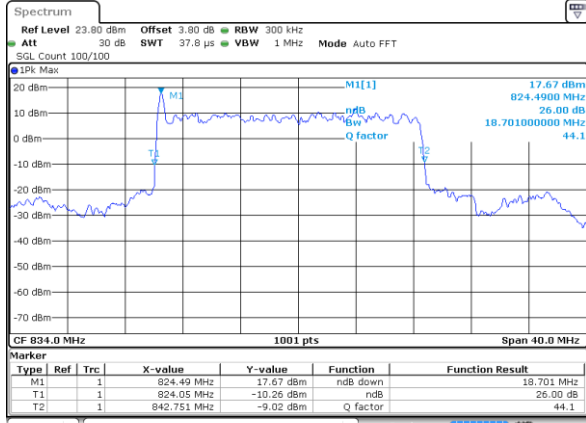
Date: 26 DEC 2019 19:38:30



EN-DC\_66A\_n5A

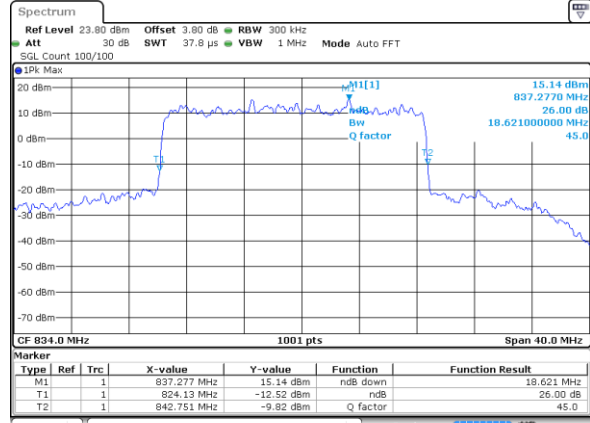
Combination LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



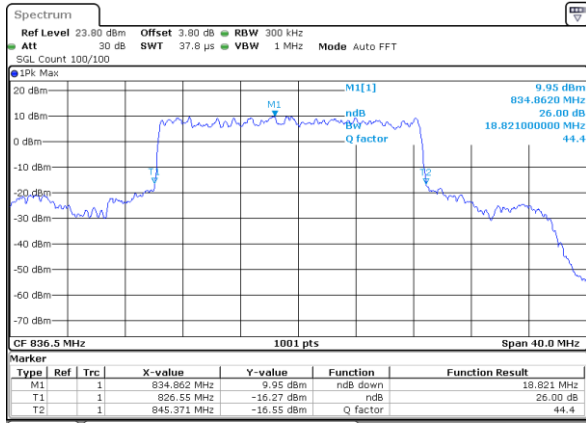
Date: 26 DEC 2019 16:35:19

Lowest Channel / QPSK



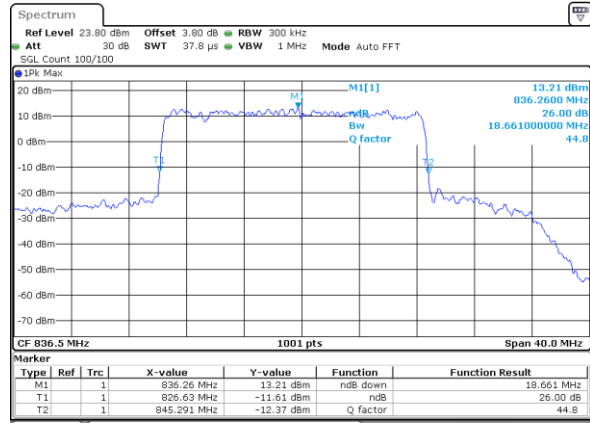
Date: 26 DEC 2019 16:36:44

Middle Channel / BPSK



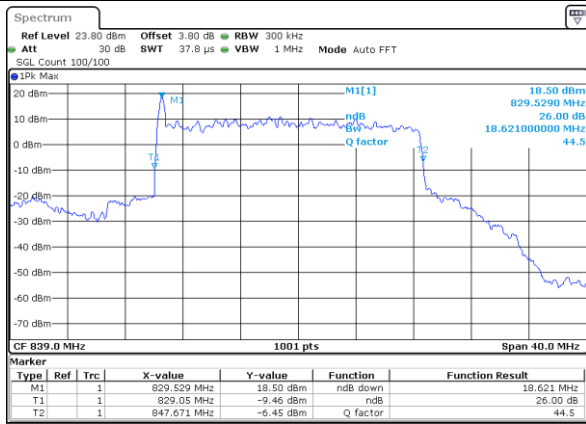
Date: 26 DEC 2019 17:38:29

Middle Channel / QPSK



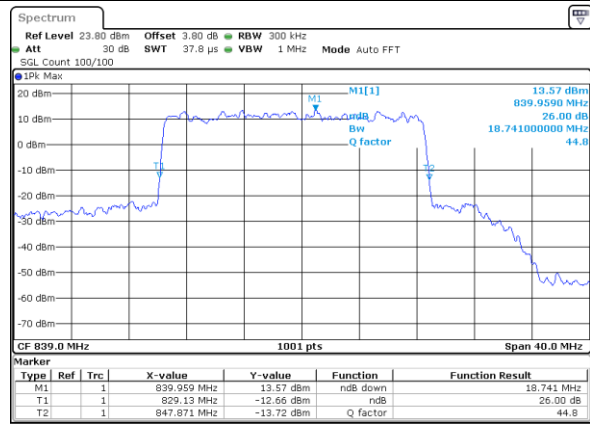
Date: 26 DEC 2019 17:40:02

Highest Channel / BPSK



Date: 26 DEC 2019 17:54:15

Highest Channel / QPSK



Date: 26 DEC 2019 17:52:17

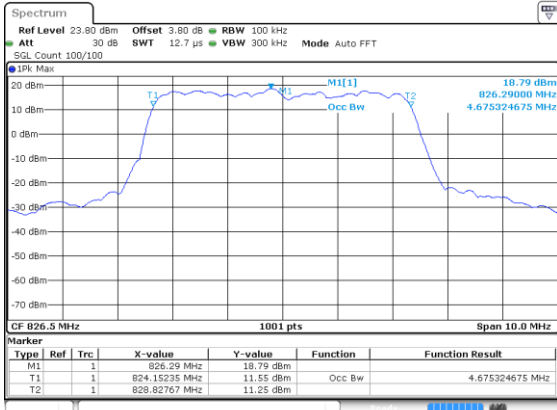


# Occupied Bandwidth

## EN-DC\_2A\_n5A

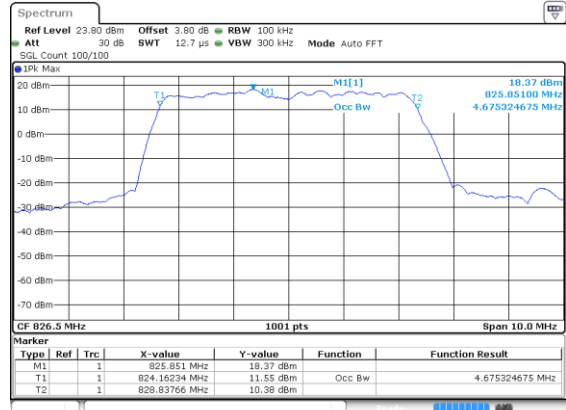
### Combination LTE 20MHz + NR 5MHz

#### Lowest Channel / BPSK



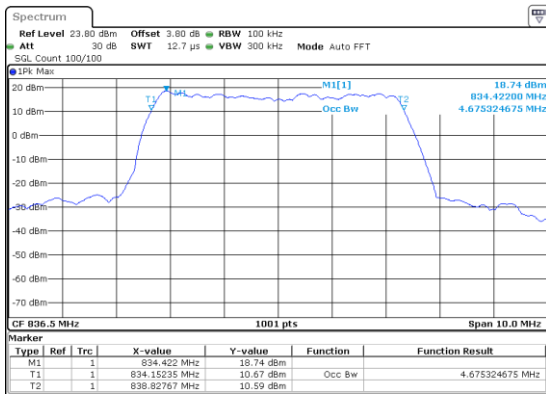
Date: 10 JAN 2020 03:37:06

#### Lowest Channel / QPSK



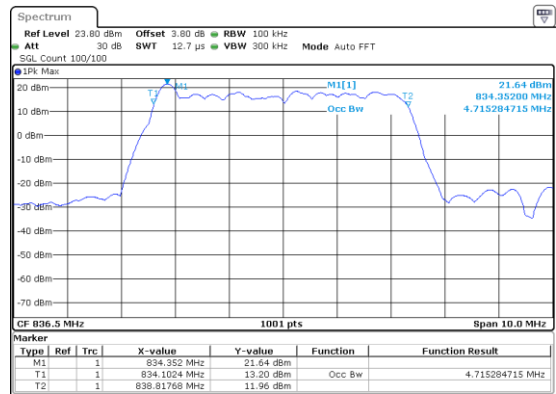
Date: 10 JAN 2020 03:38:50

#### Middle Channel / BPSK



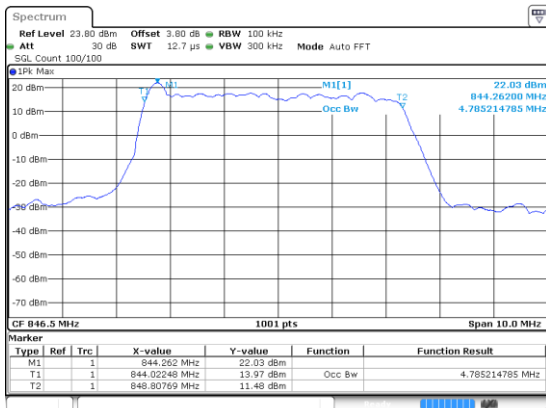
Date: 10 JAN 2020 03:38:50

#### Middle Channel / QPSK



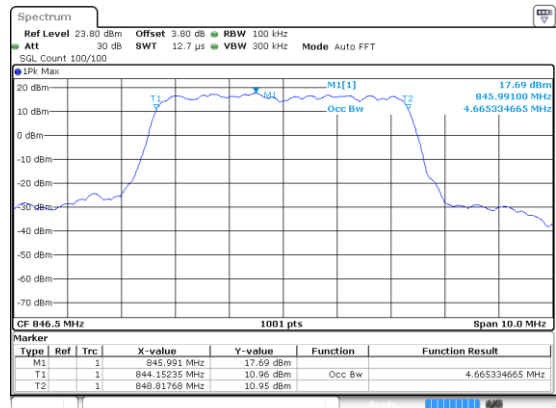
Date: 10 JAN 2020 03:38:50

#### Highest Channel / BPSK



Date: 10 JAN 2020 03:38:50

#### Highest Channel / QPSK



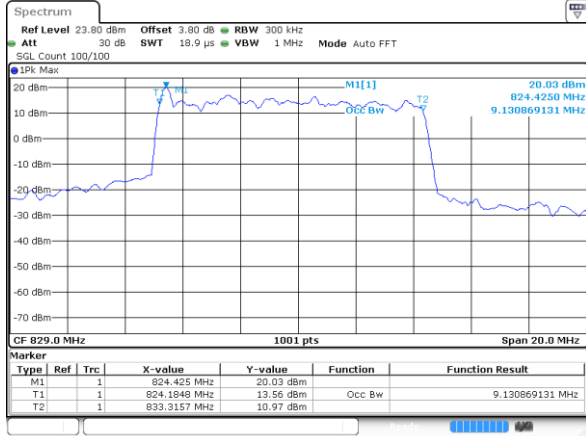
Date: 10 JAN 2020 03:38:50



EN-DC\_2A\_n5A

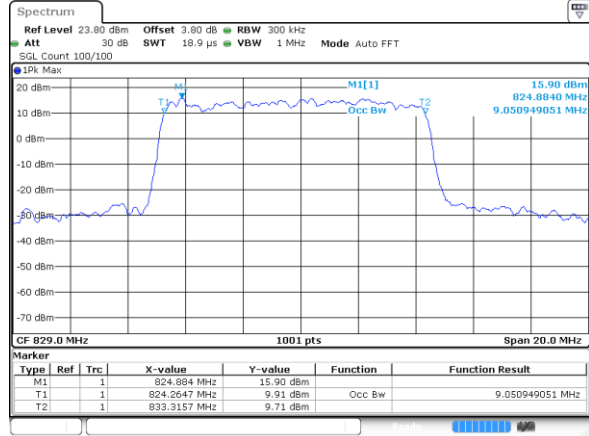
Combination LTE 20MHz + NR 10MHz

Lowest Channel / BPSK



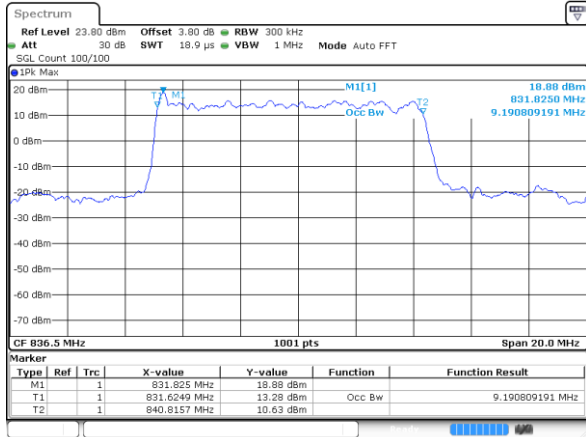
Date: 26 DEC 2019 15:38:54

Lowest Channel / QPSK



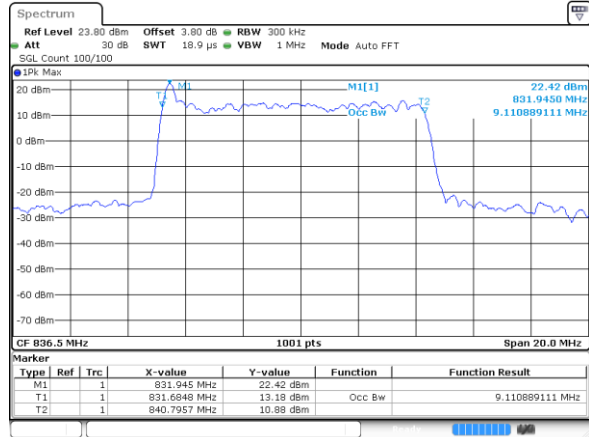
Date: 26 DEC 2019 15:40:15

Middle Channel / BPSK



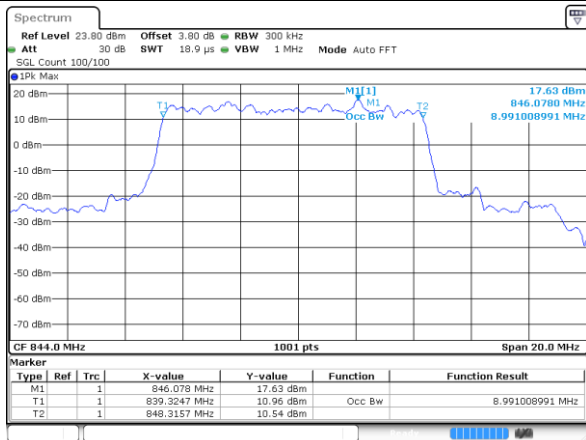
Date: 26 DEC 2019 15:52:54

Middle Channel / QPSK



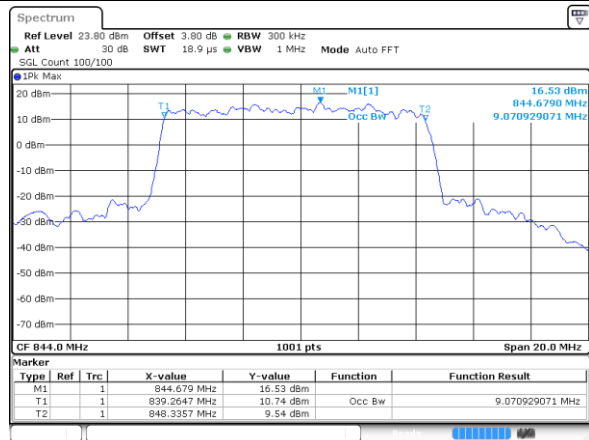
Date: 26 DEC 2019 15:53:36

Highest Channel / BPSK



Date: 26 DEC 2019 16:14:36

Highest Channel / QPSK



Date: 26 DEC 2019 16:16:40

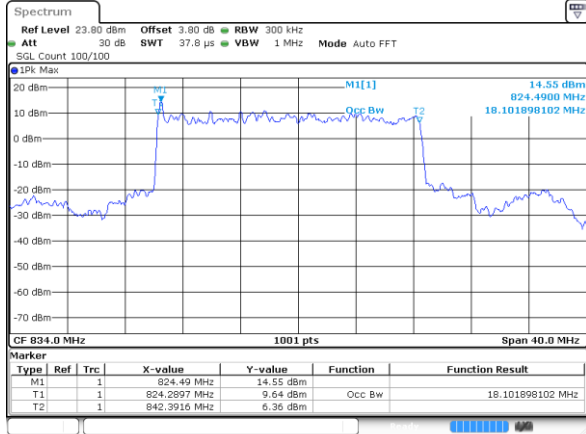




EN-DC\_2A\_n5A

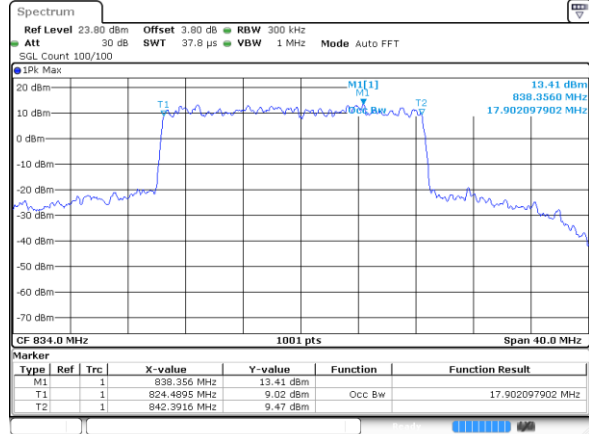
Combination LTE 20MHz + NR 20MHz

Lowest Channel / BPSK



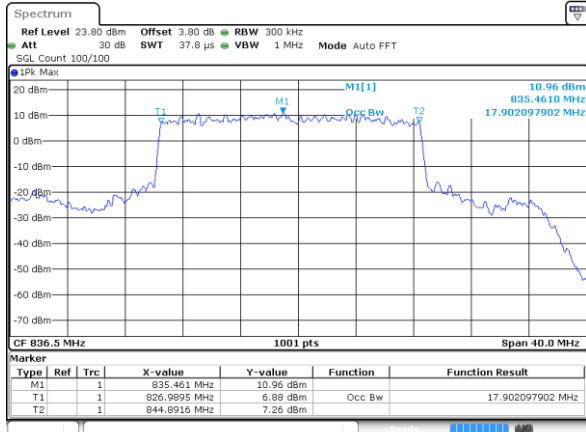
Date: 26 DEC 2019 14:12:07

Lowest Channel / QPSK



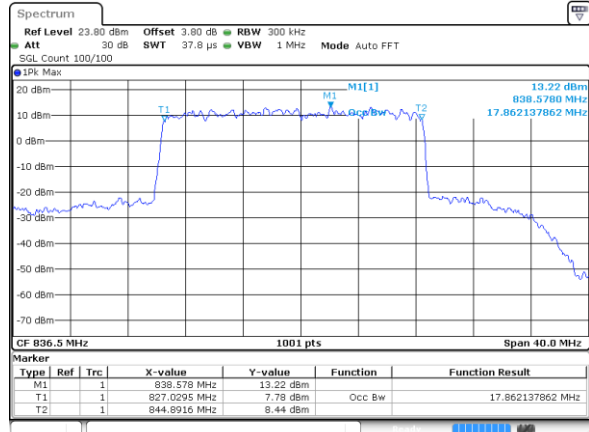
Date: 26 DEC 2019 14:10:33

Middle Channel / BPSK



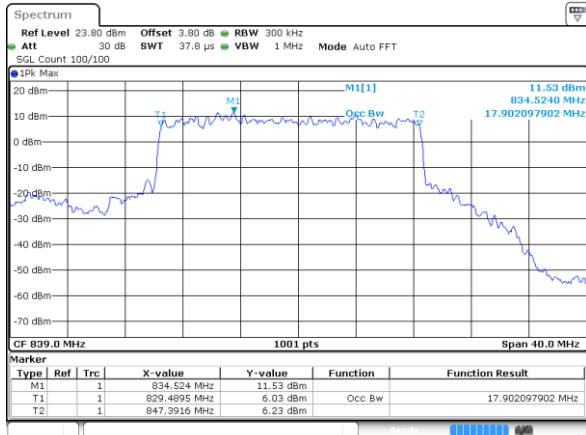
Date: 26 DEC 2019 14:55:25

Middle Channel / QPSK



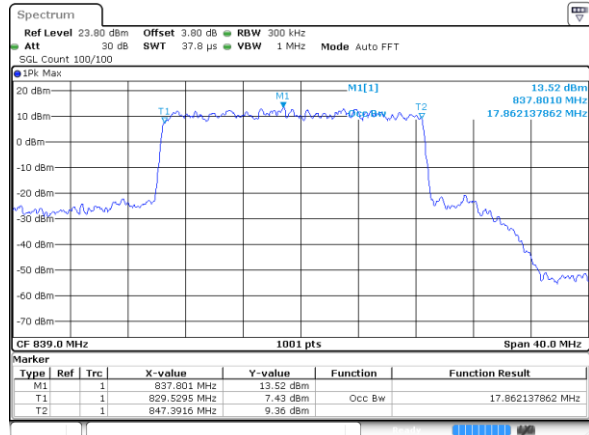
Date: 26 DEC 2019 15:02:25

Highest Channel / BPSK



Date: 26 DEC 2019 15:15:54

Highest Channel / QPSK



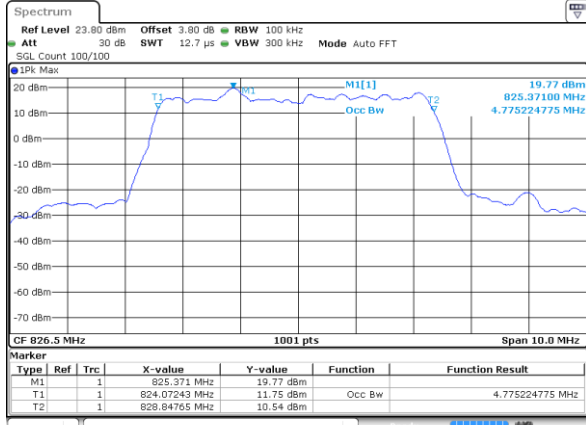
Date: 26 DEC 2019 15:17:28



EN-DC\_66A\_n5A

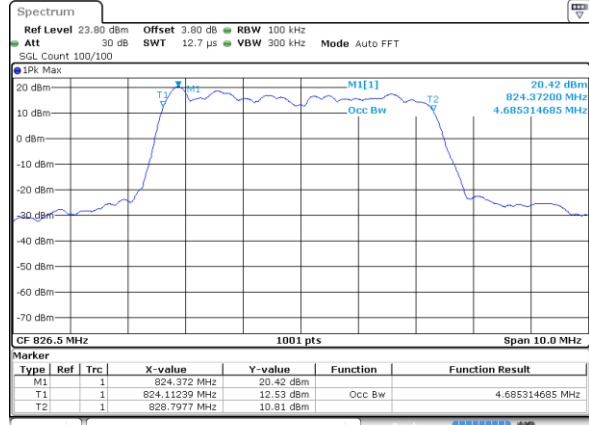
Combination LTE 20MHz + NR 5MHz

Lowest Channel / BPSK



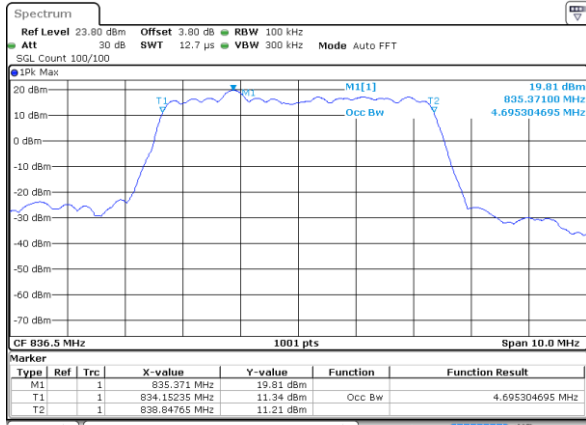
Date: 23 JAN 2020 10:38:33

Lowest Channel / QPSK



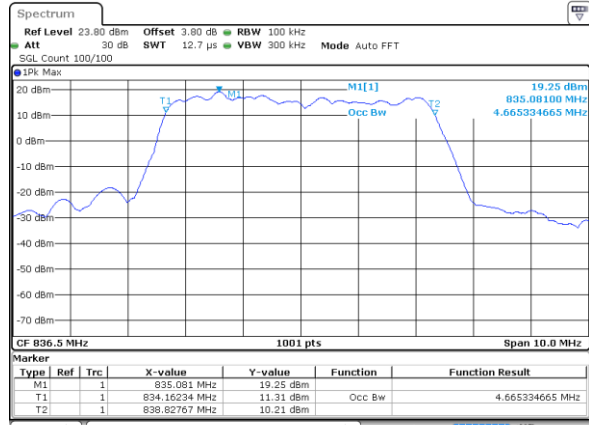
Date: 23 JAN 2020 10:39:50

Middle Channel / BPSK



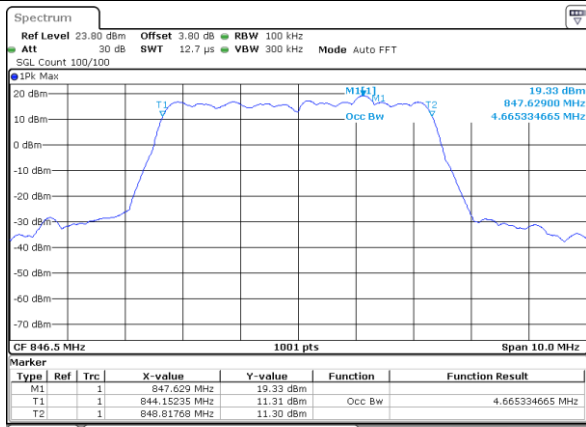
Date: 23 JAN 2020 10:29:30

Middle Channel / QPSK



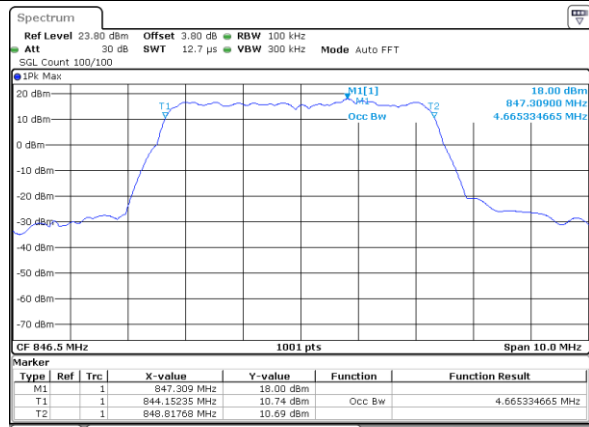
Date: 23 JAN 2020 10:27:17

Highest Channel / BPSK



Date: 23 JAN 2020 09:43:20

Highest Channel / QPSK



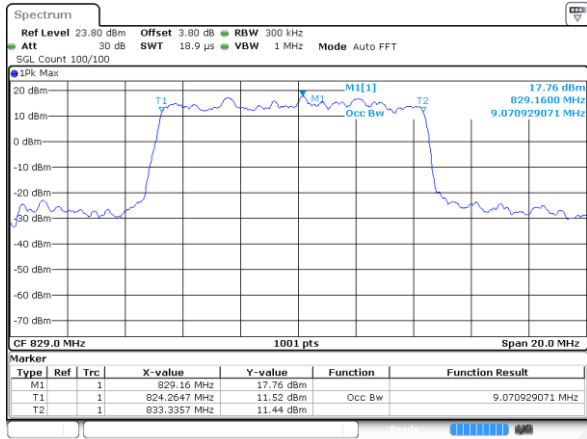
Date: 23 JAN 2020 09:31:09



EN-DC\_66A\_n5A

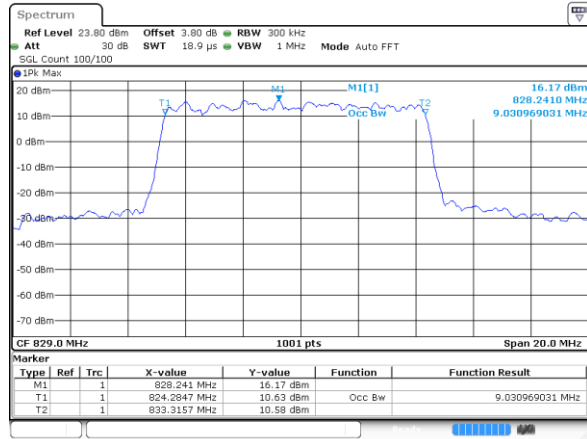
Combination LTE 20MHz + NR 10MHz

Lowest Channel / BPSK



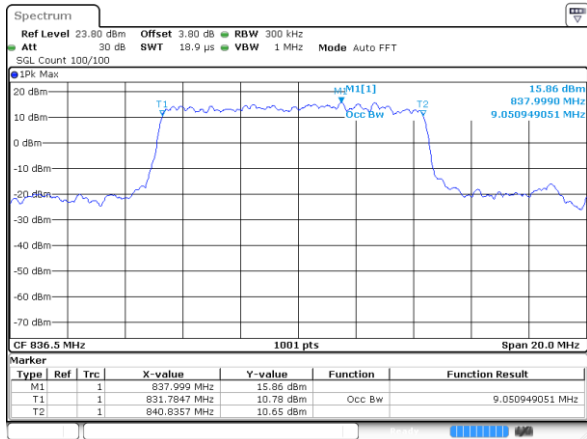
Date: 26 DEC 2019 18:49:18

Lowest Channel / QPSK



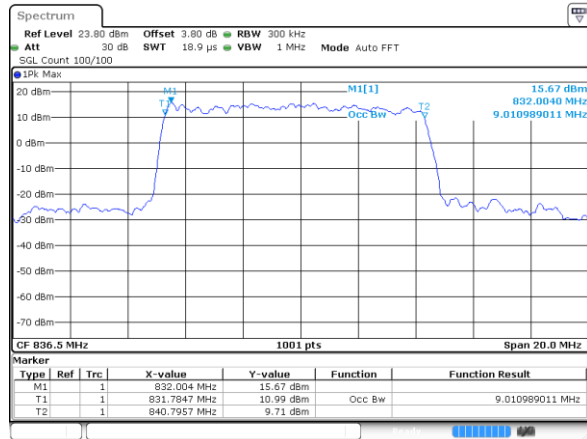
Date: 26 DEC 2019 18:51:15

Middle Channel / BPSK



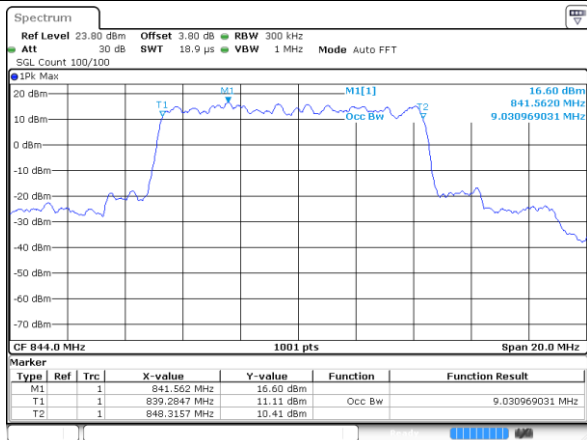
Date: 26 DEC 2019 19:21:50

Middle Channel / QPSK



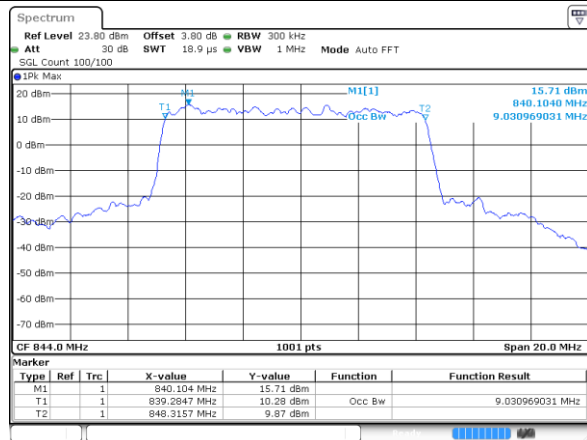
Date: 26 DEC 2019 19:21:13

Highest Channel / BPSK



Date: 26 DEC 2019 19:36:15

Highest Channel / QPSK



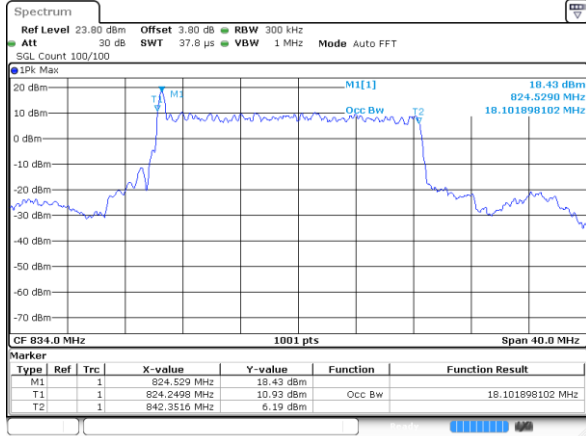
Date: 26 DEC 2019 19:38:40



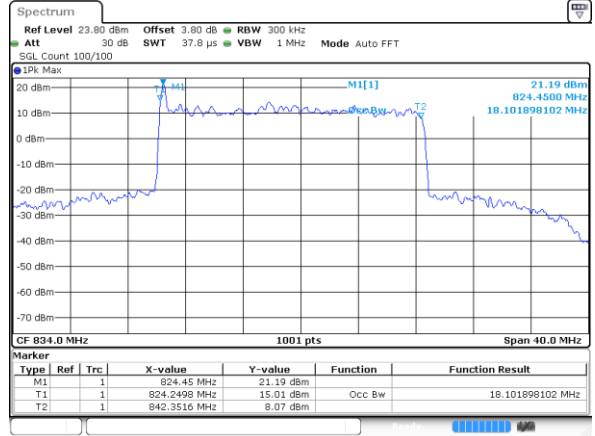
EN-DC\_66A\_n5A

Combination LTE 20MHz + NR 20MHz

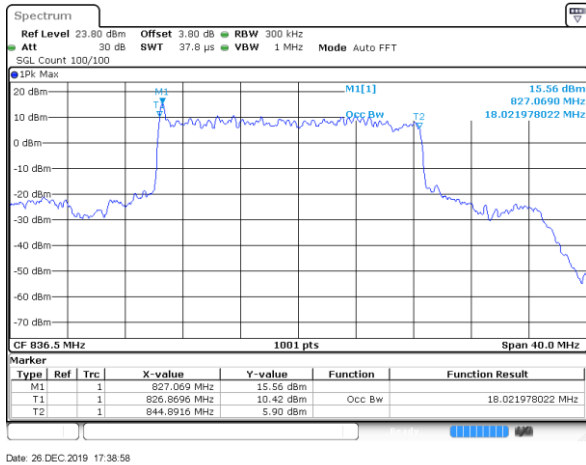
Lowest Channel / BPSK



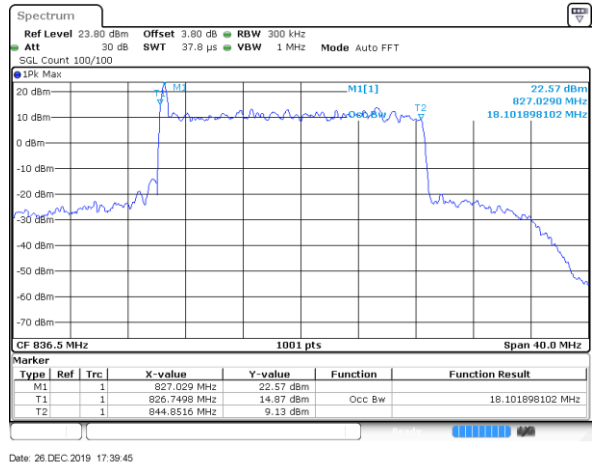
Lowest Channel / QPSK



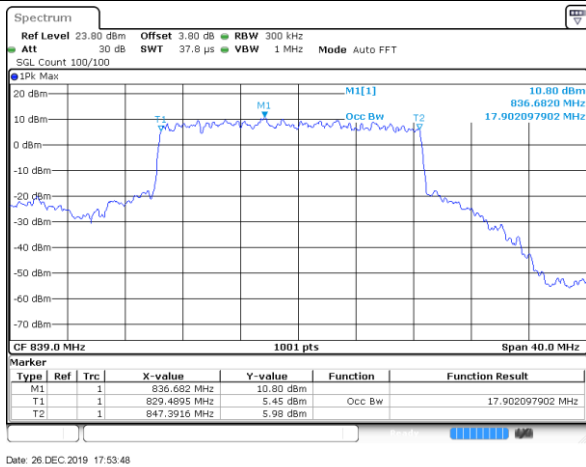
Middle Channel / BPSK



Middle Channel / QPSK



Highest Channel / BPSK



Highest Channel / QPSK

