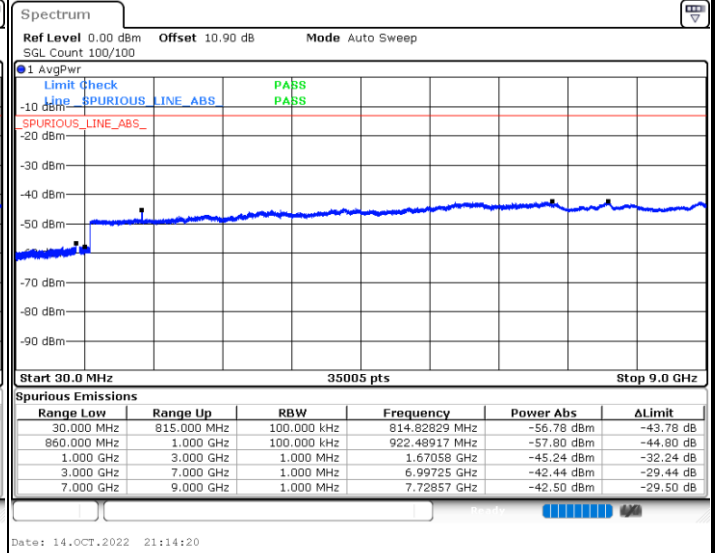
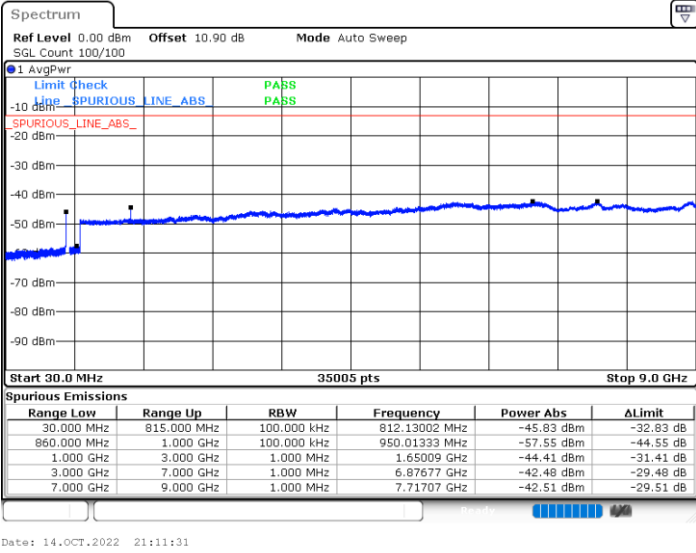




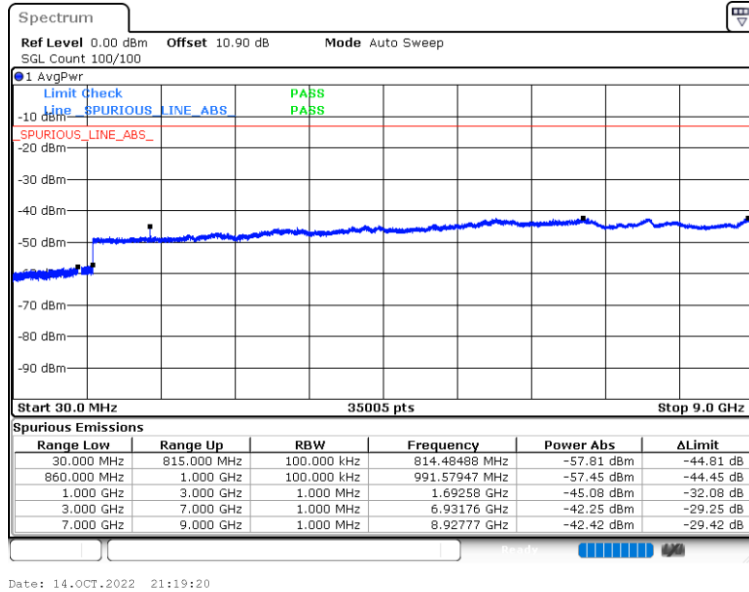
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

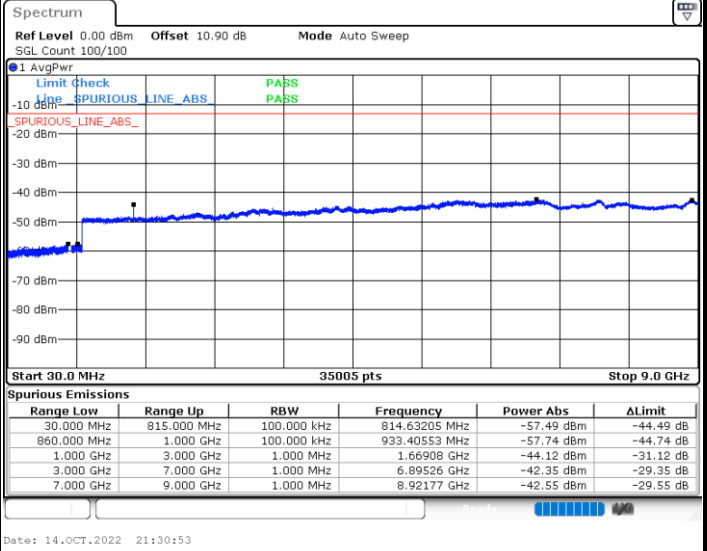
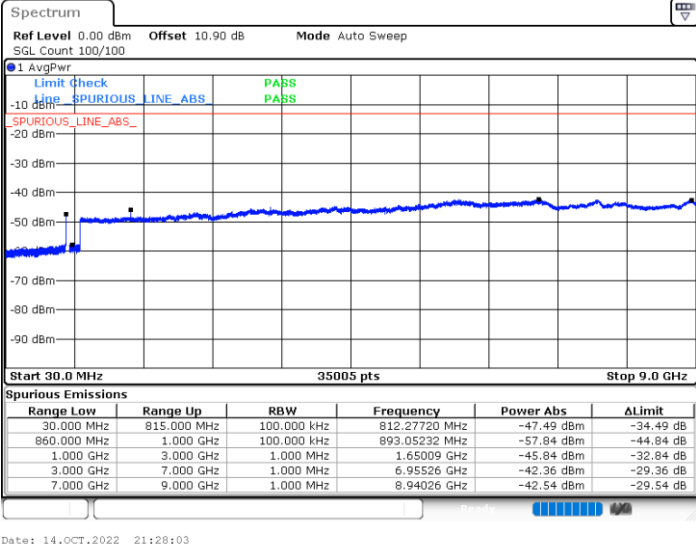




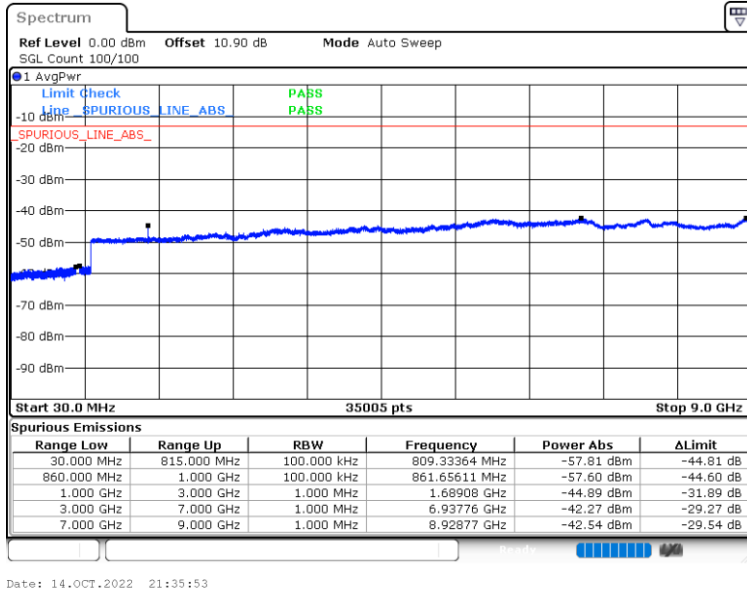
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

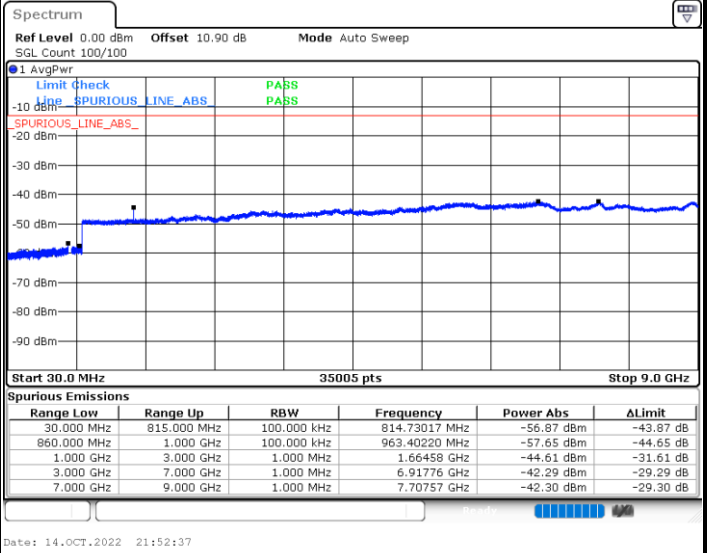
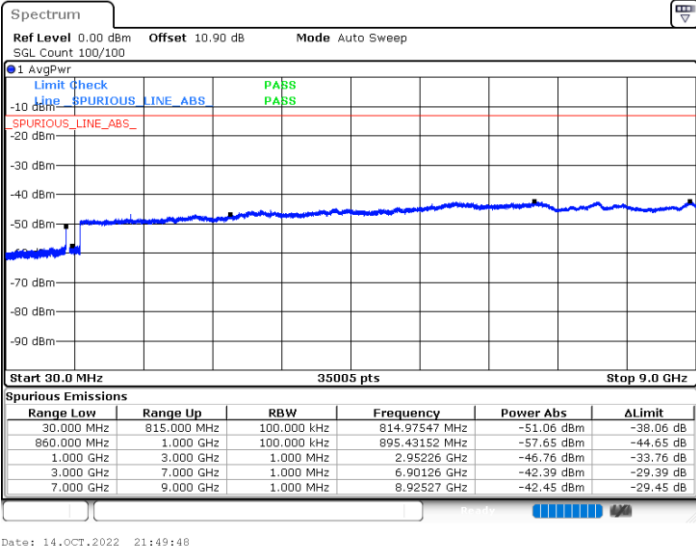




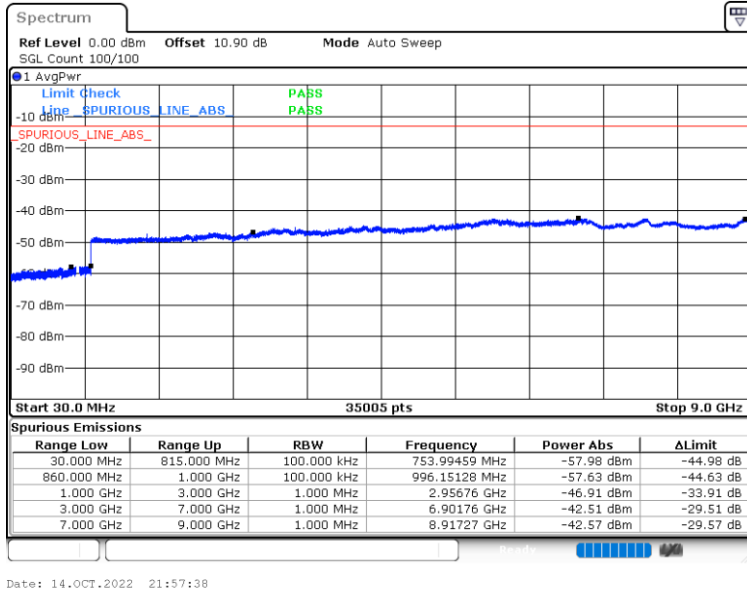
LTE Band 26 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



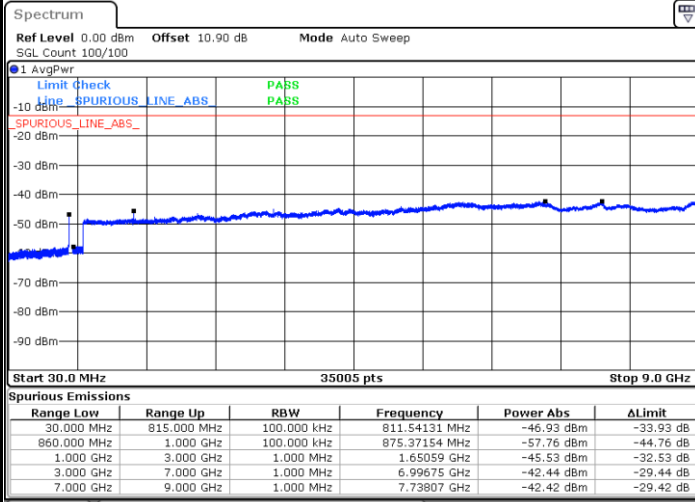
Highest Channel / QPSK





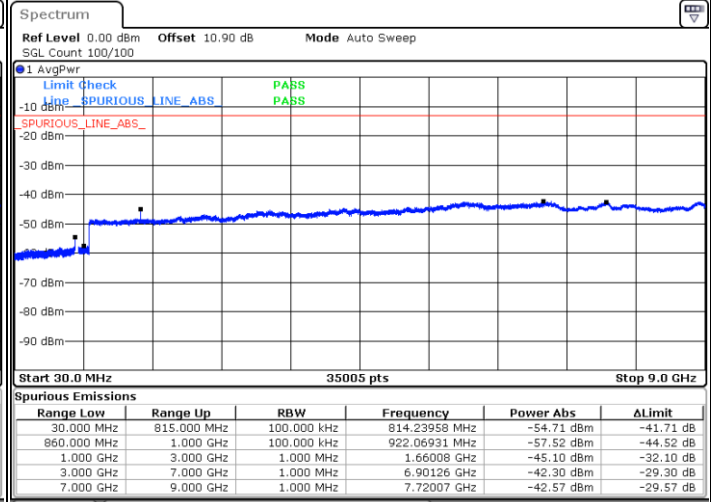
LTE Band 26 / 15MHz

Lowest Channel / QPSK



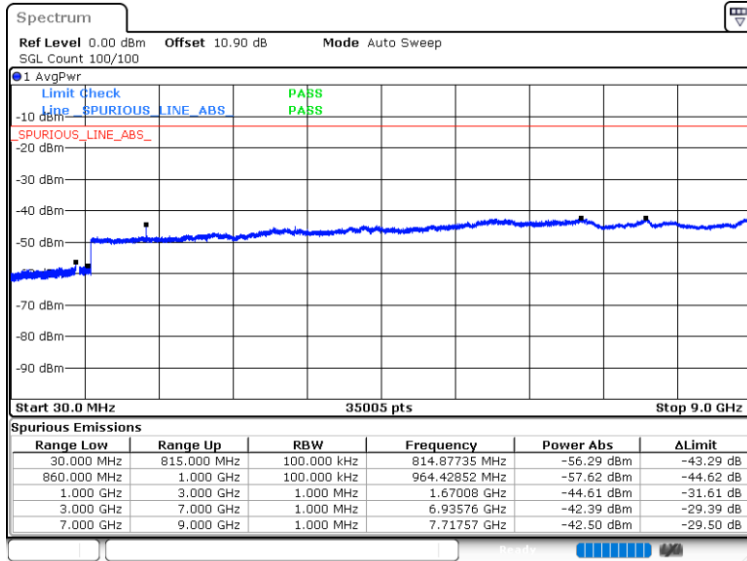
Date: 14.OCT.2022 22:11:13

Middle Channel / QPSK



Date: 14.OCT.2022 22:14:02

Highest Channel / QPSK



Date: 14.OCT.2022 22:19:01



### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0060	PASS
40	Normal Voltage	0.0072	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0115	
0	Normal Voltage	0.0078	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0154	

**Note:**

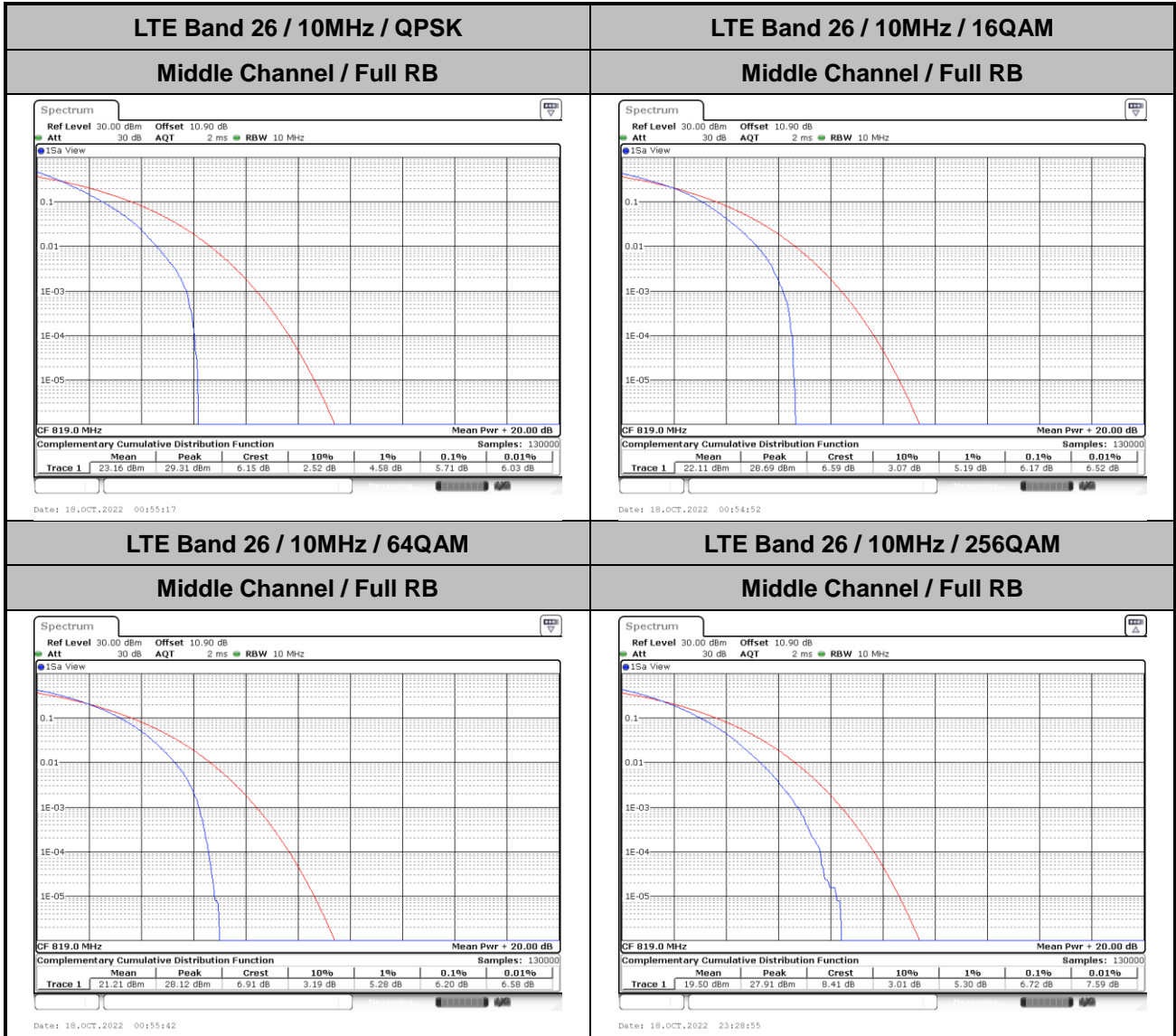
- 1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.60 V. ; Maximum Voltage = 4.45 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 26\_Part 90S

### Peak-to-Average Ratio

Mode	LTE Band 26 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.71	6.17	6.20	6.72	PASS





**26dB Bandwidth**

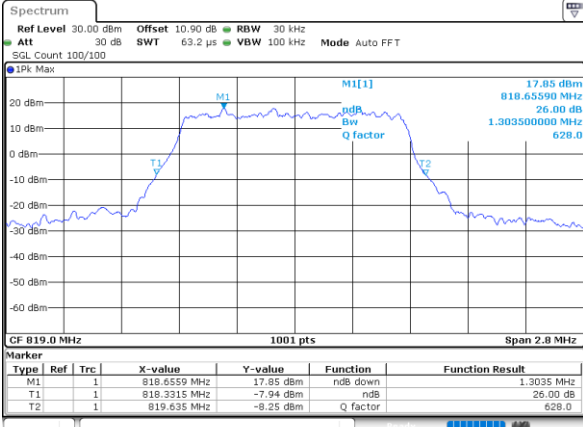
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Low CH	-	-	-	-	-	-	-	-	14.39	14.42	-	-
Middle CH	1.30	1.28	3.12	3.20	5.05	5.40	10.09	9.91	-	-	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Low CH	-	-	-	-	-	-	-	-	14.54	14.93	-	-
Middle CH	1.32	1.31	3.09	3.07	5.26	5.22	9.97	10.13	-	-	-	-





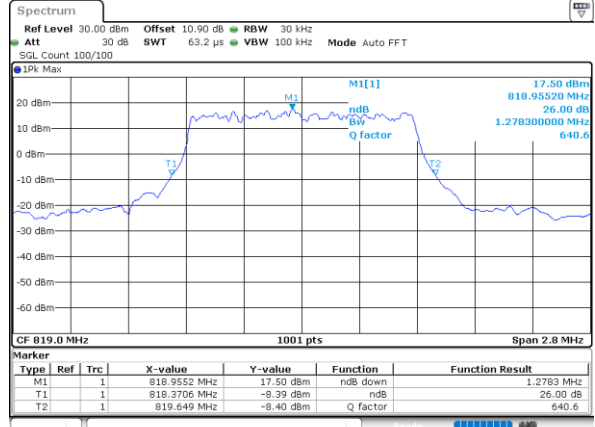
LTE Band 26

Middle Channel / 1.4MHz / QPSK



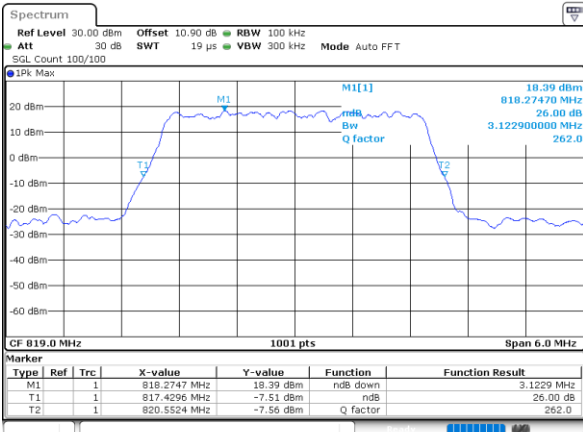
Date: 17.OCT.2022 23:51:34

Middle Channel / 1.4MHz / 16QAM



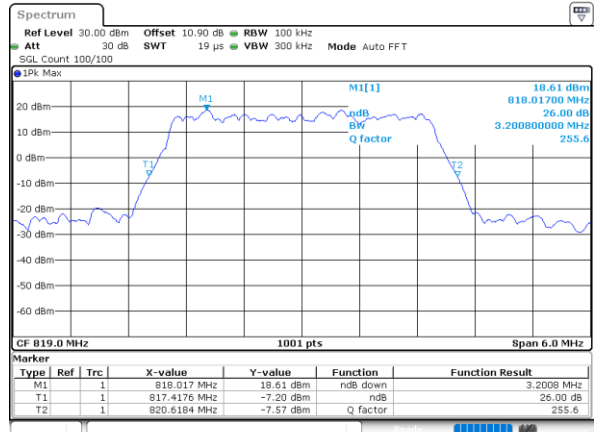
Date: 17.OCT.2022 23:51:58

Middle Channel / 3MHz / QPSK



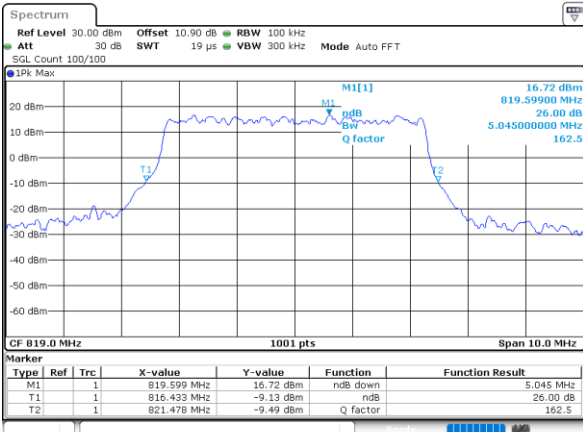
Date: 18.OCT.2022 00:14:49

Middle Channel / 3MHz / 16QAM



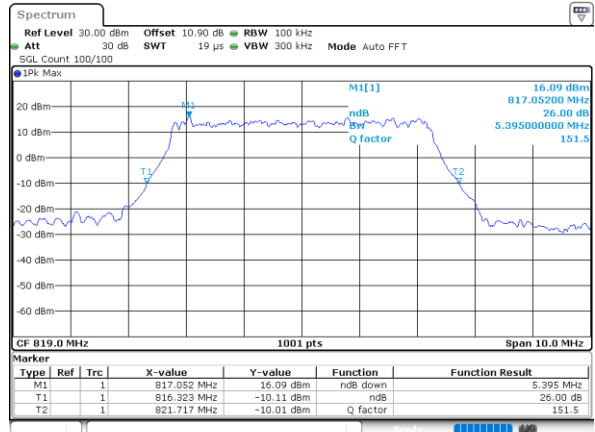
Date: 18.OCT.2022 00:15:13

Middle Channel / 5MHz / QPSK



Date: 18.OCT.2022 00:30:53

Middle Channel / 5MHz / 16QAM

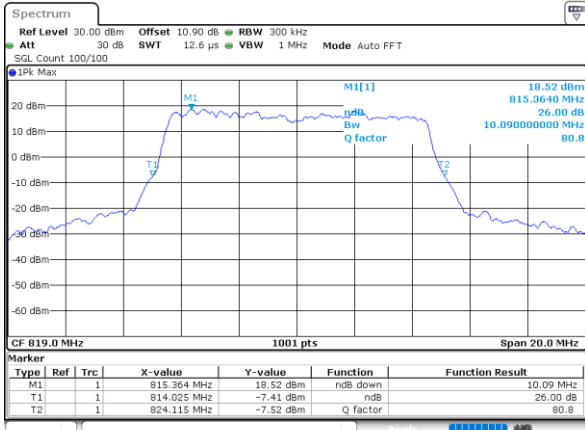


Date: 18.OCT.2022 00:31:17



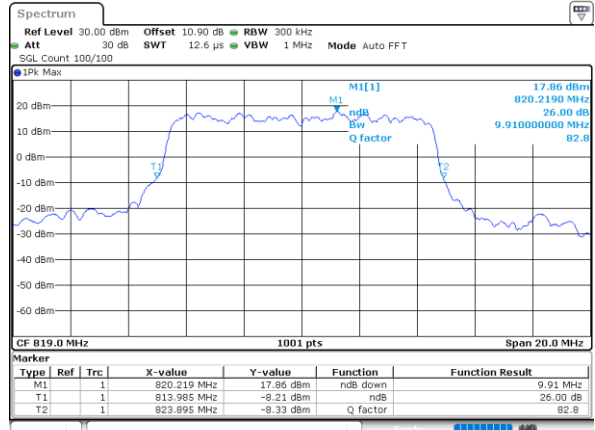
LTE Band 26

Middle Channel / 10MHz / QPSK



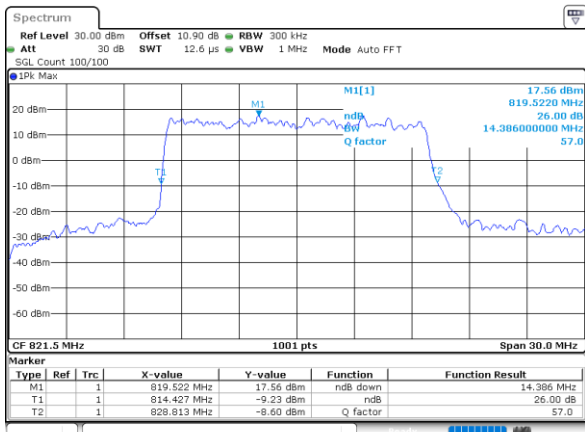
Date: 18.OCT.2022 00:52:37

Middle Channel / 10MHz / 16QAM



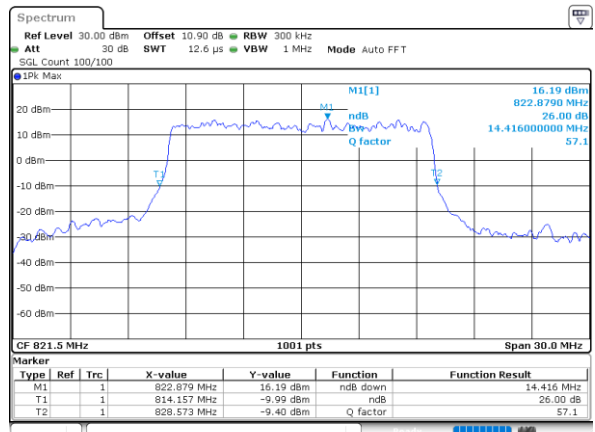
Date: 18.OCT.2022 00:53:01

Low Channel / 15MHz / QPSK



Date: 18.OCT.2022 01:34:56

Low Channel / 15MHz / 16QAM

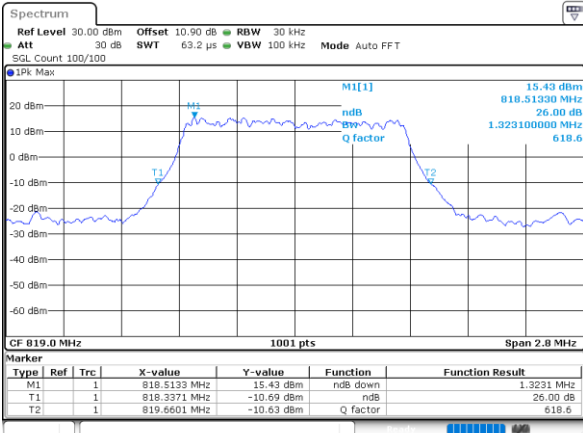


Date: 18.OCT.2022 01:34:08



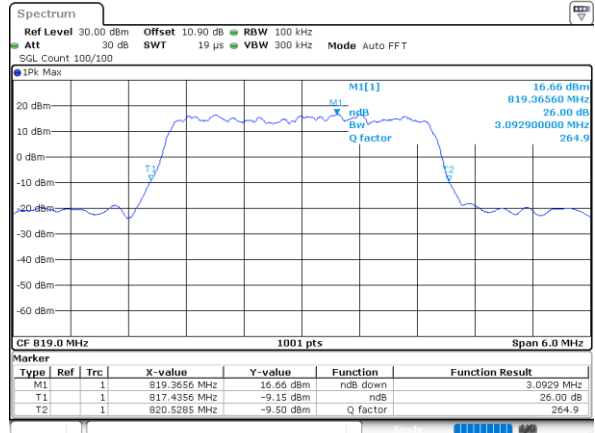
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



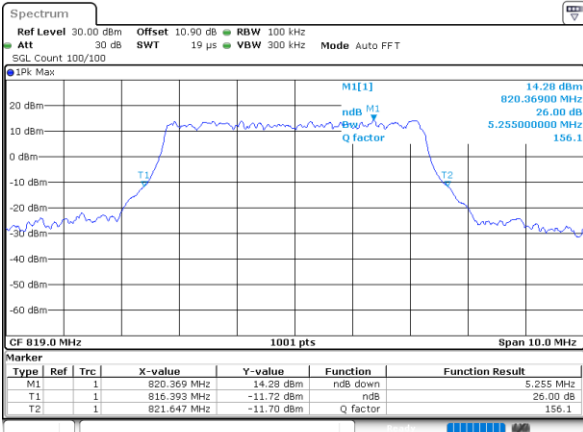
Date: 17.OCT.2022 23:48:56

Middle Channel / 3MHz / 64QAM



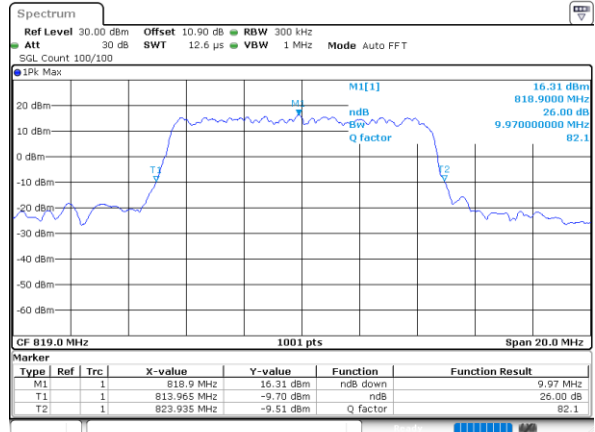
Date: 18.OCT.2022 00:13:36

Middle Channel / 5MHz / 64QAM



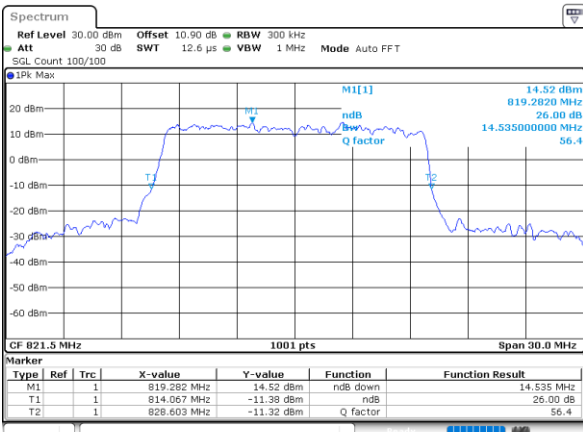
Date: 18.OCT.2022 00:28:15

Middle Channel / 10MHz / 64QAM



Date: 18.OCT.2022 00:51:24

Low Channel / 15MHz / 64QAM

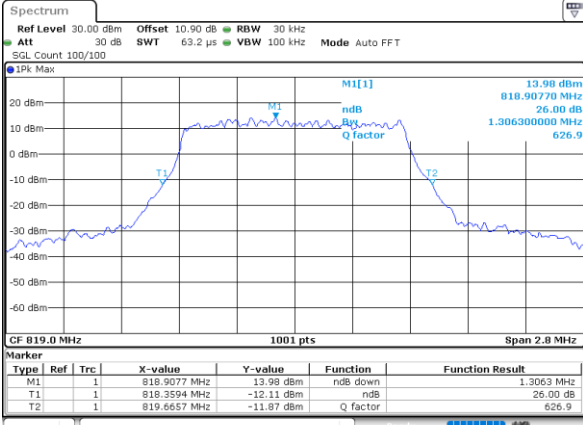


Date: 18.OCT.2022 01:33:20



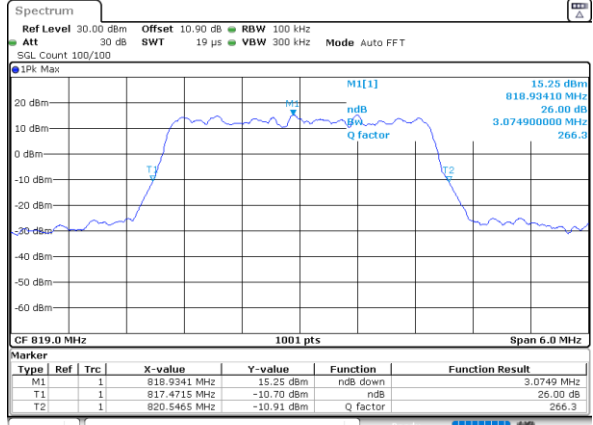
LTE Band 26

Middle Channel / 1.4MHz / 256QAM



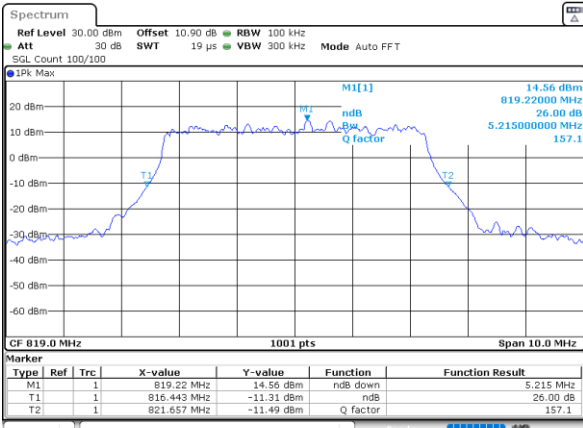
Date: 18.OCT.2022 01:43:44

Middle Channel / 3MHz / 256QAM



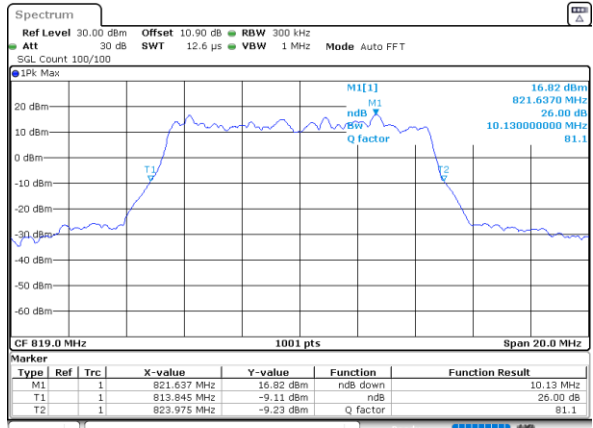
Date: 18.OCT.2022 20:10:59

Middle Channel / 5MHz / 256QAM



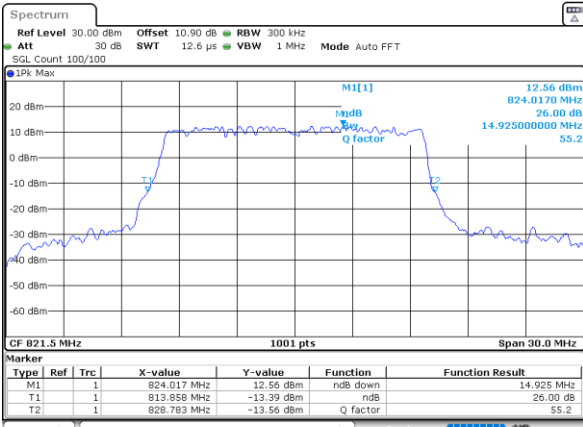
Date: 18.OCT.2022 20:45:27

Middle Channel / 10MHz / 256QAM



Date: 18.OCT.2022 22:16:17

Low Channel / 5MHz / 256QAM



Date: 18.OCT.2022 23:24:06



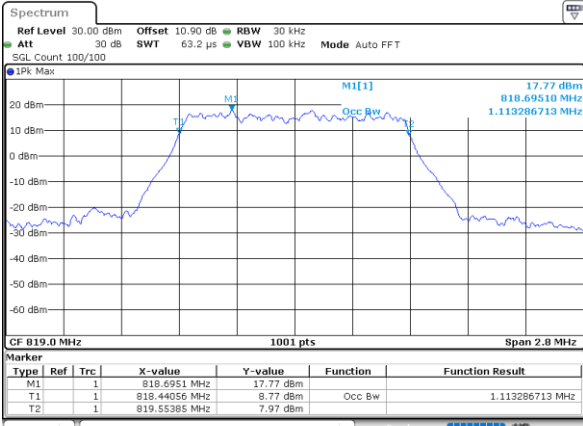
**Occupied Bandwidth**

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Low CH	-	-	-	-	-	-	-	-	13.46	13.40	-	-
Middle CH	1.11	1.10	2.75	2.72	4.50	4.50	9.03	9.09	-	-	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Low CH	-	-	-	-	-	-	-	-	13.37	13.43	-	-
Middle CH	1.11	1.09	2.72	2.73	4.51	4.50	9.15	9.07	-	-	-	-



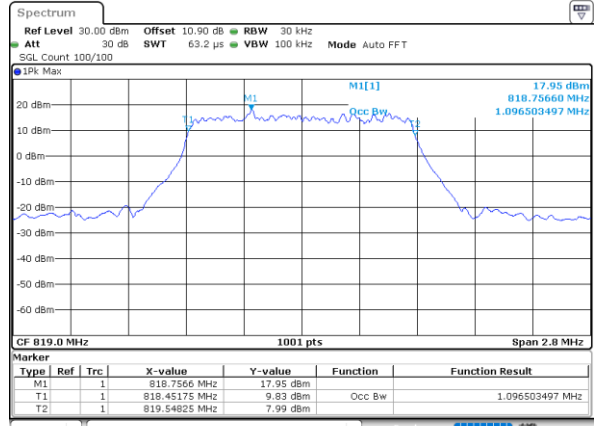
LTE Band 26

Middle Channel / 1.4MHz / QPSK



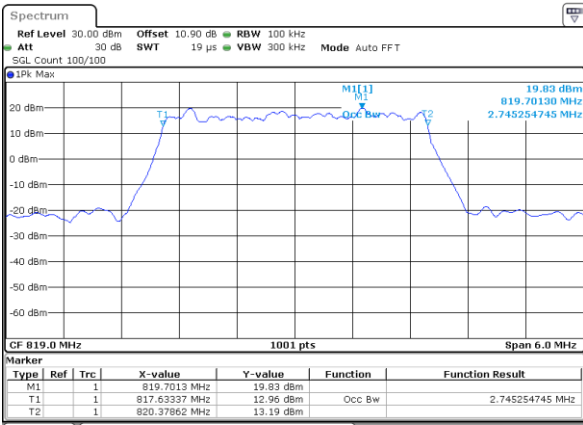
Date: 17.OCT.2022 23:50:45

Middle Channel / 1.4MHz / 16QAM



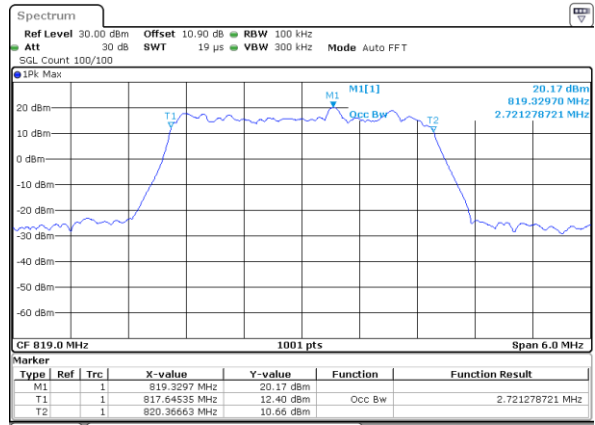
Date: 17.OCT.2022 23:51:10

Middle Channel / 3MHz / QPSK



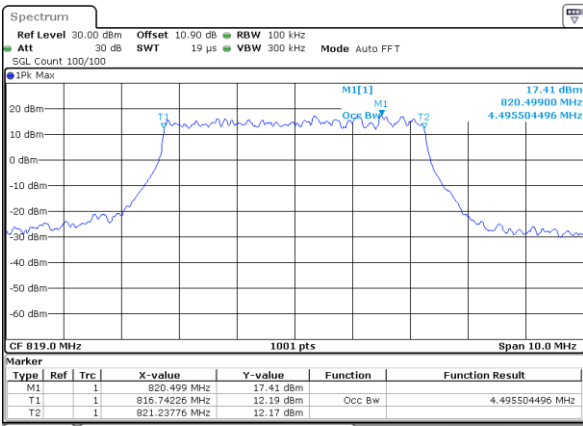
Date: 18.OCT.2022 00:14:00

Middle Channel / 3MHz / 16QAM



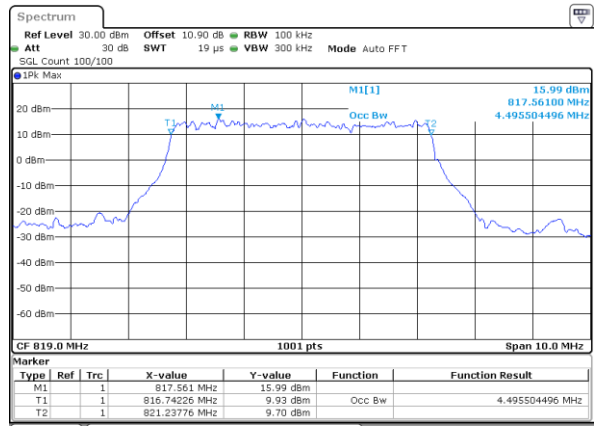
Date: 18.OCT.2022 00:14:25

Middle Channel / 5MHz / QPSK



Date: 18.OCT.2022 00:30:05

Middle Channel / 5MHz / 16QAM

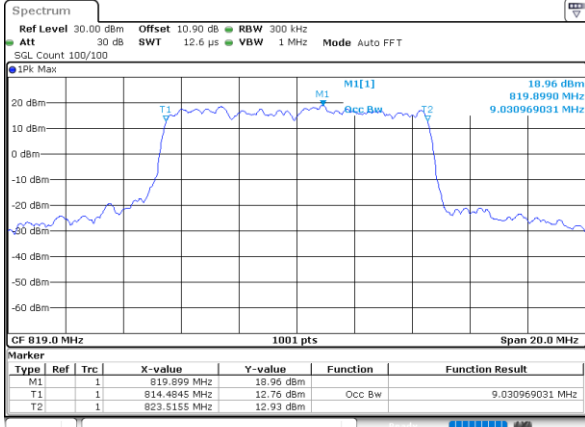


Date: 18.OCT.2022 00:30:29

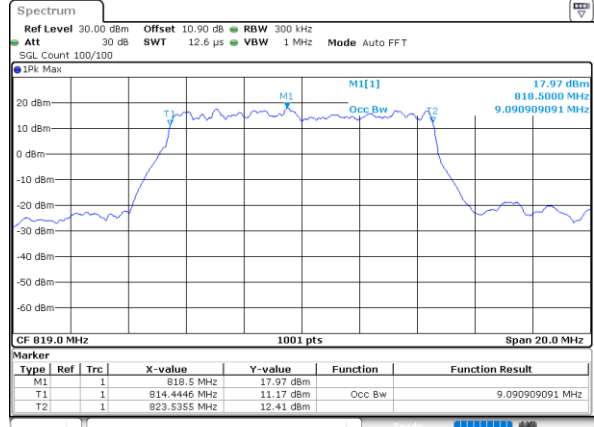


LTE Band 26

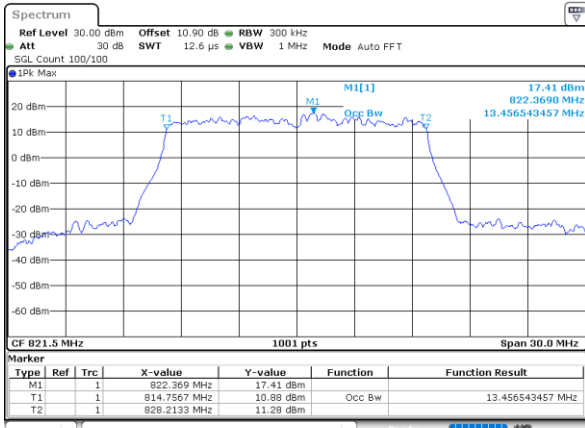
Middle Channel / 10MHz / QPSK



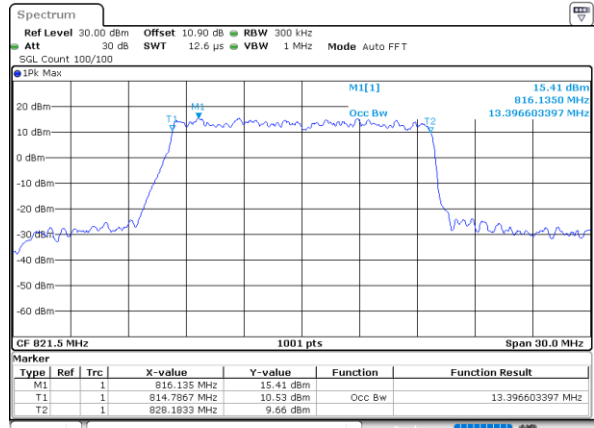
Middle Channel / 10MHz / 16QAM



Low Channel / 15MHz / QPSK



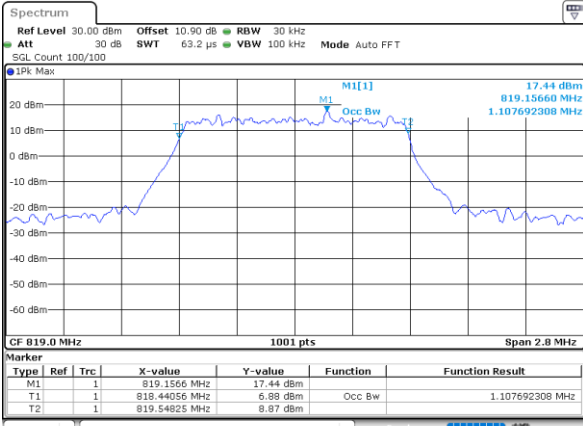
Low Channel / 15MHz / 16QAM





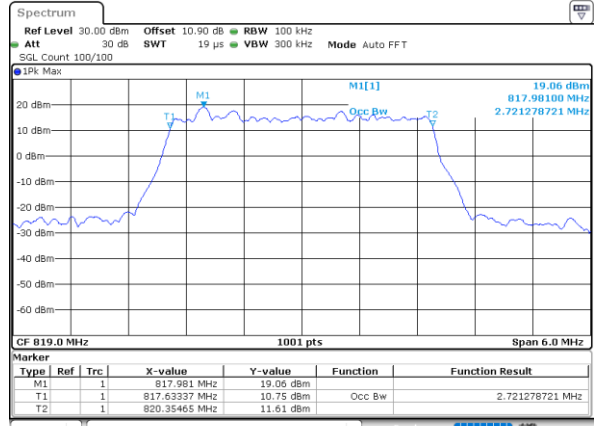
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



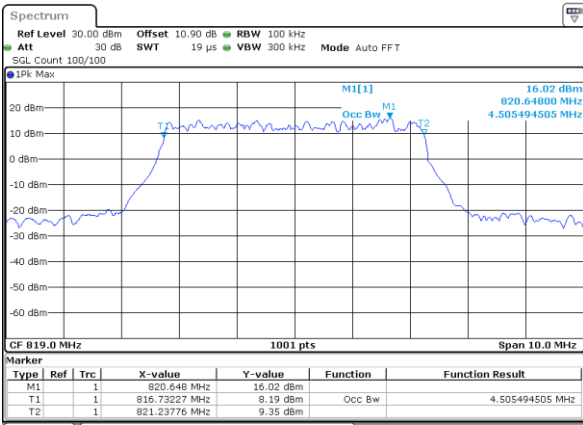
Date: 17.OCT.2022 23:48:32

Middle Channel / 3MHz / 64QAM



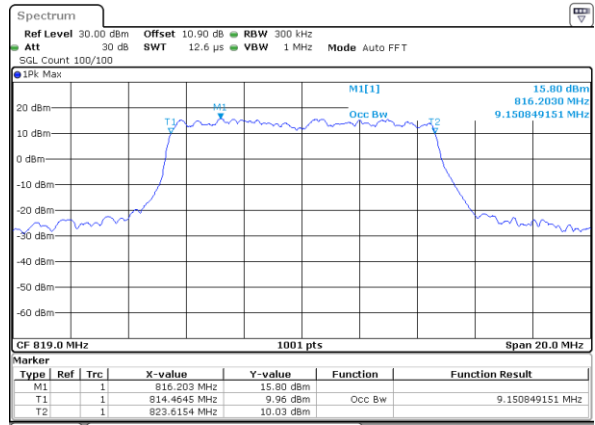
Date: 18.OCT.2022 00:13:12

Middle Channel / 5MHz / 64QAM



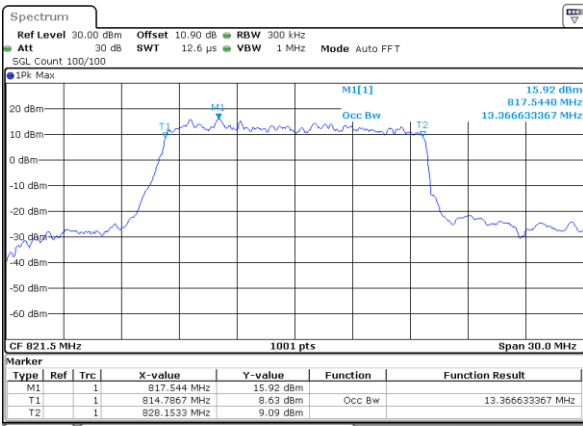
Date: 18.OCT.2022 00:27:51

Middle Channel / 10MHz / 64QAM



Date: 18.OCT.2022 00:51:00

Low Channel / 5MHz / 64QAM



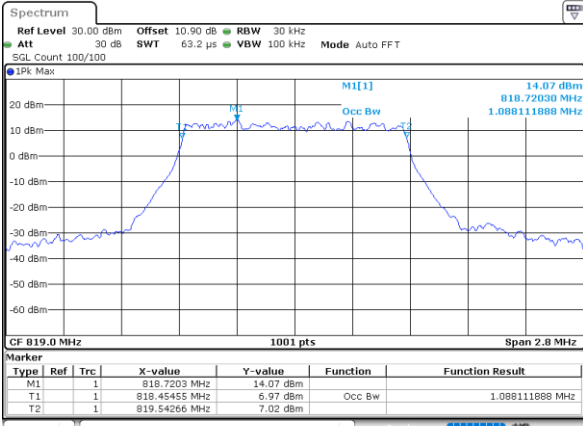
Date: 18.OCT.2022 01:32:56



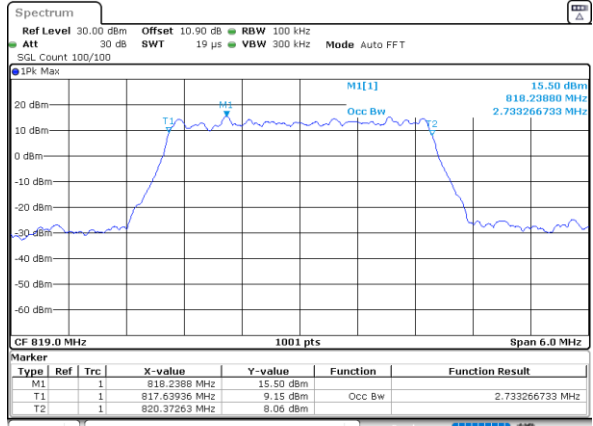


LTE Band 26

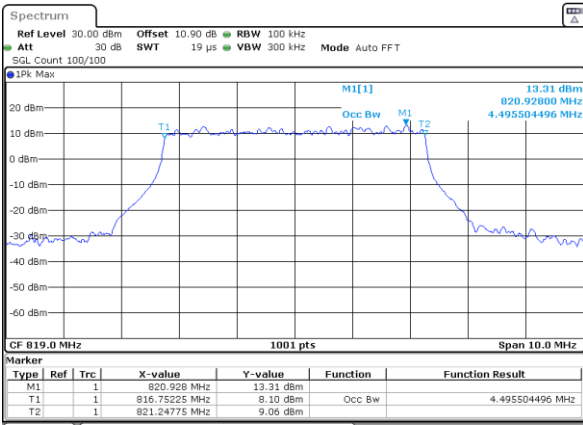
Middle Channel / 1.4MHz / 256QAM



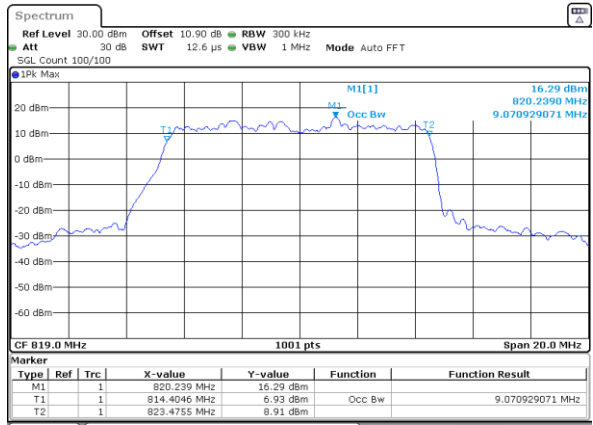
Middle Channel / 3MHz / 256QAM



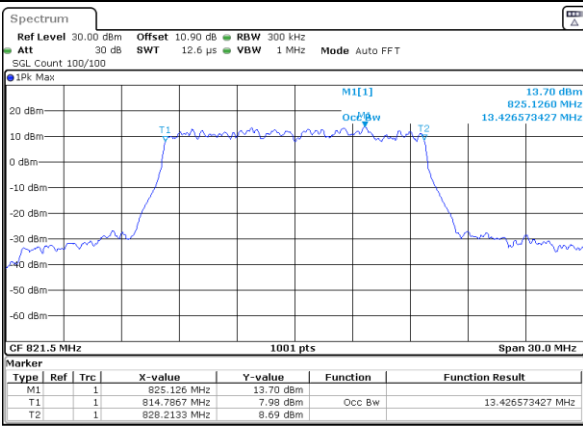
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

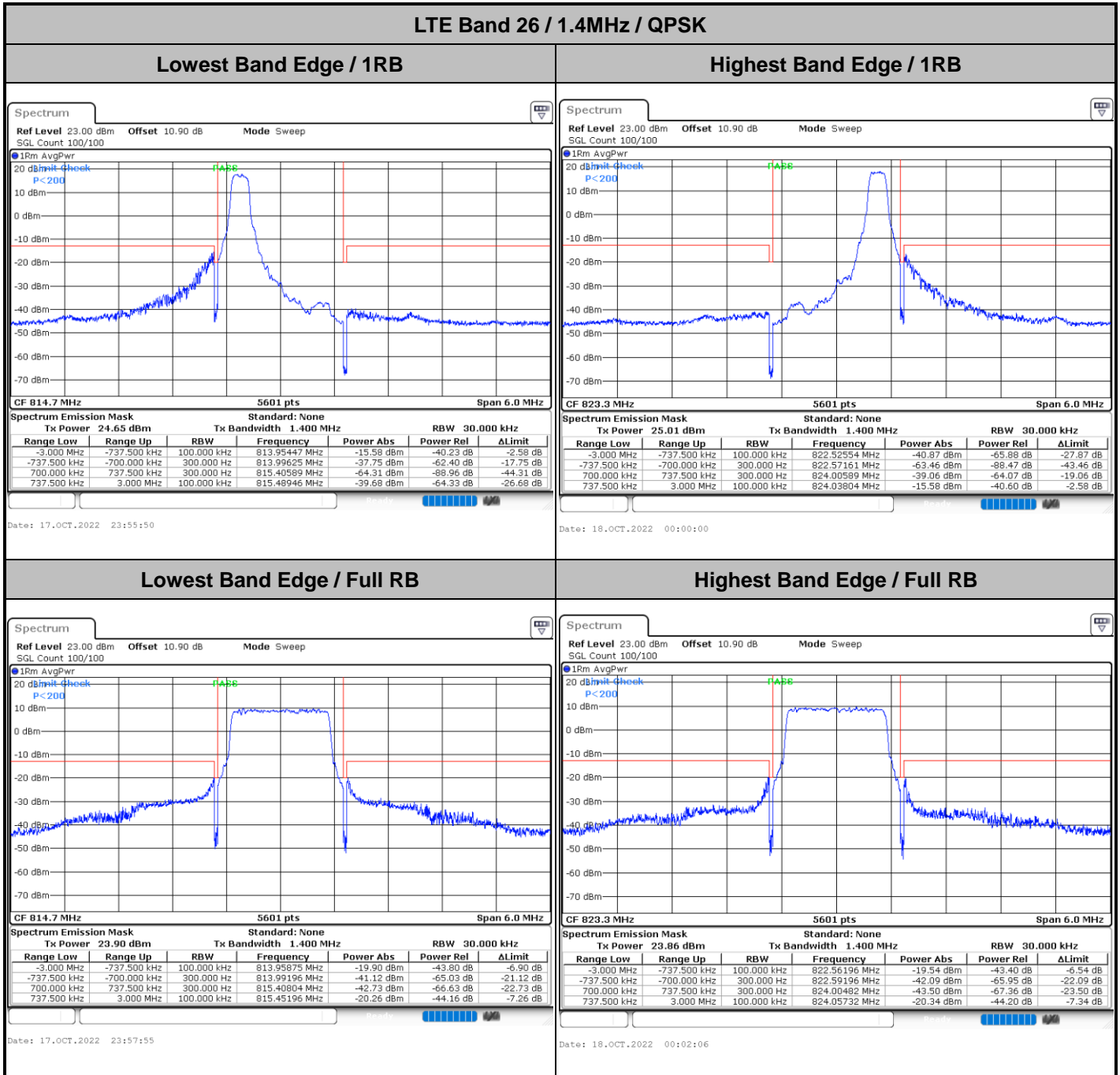


Low Channel / 15MHz / 256QAM





# Emission masks – In-band emissions

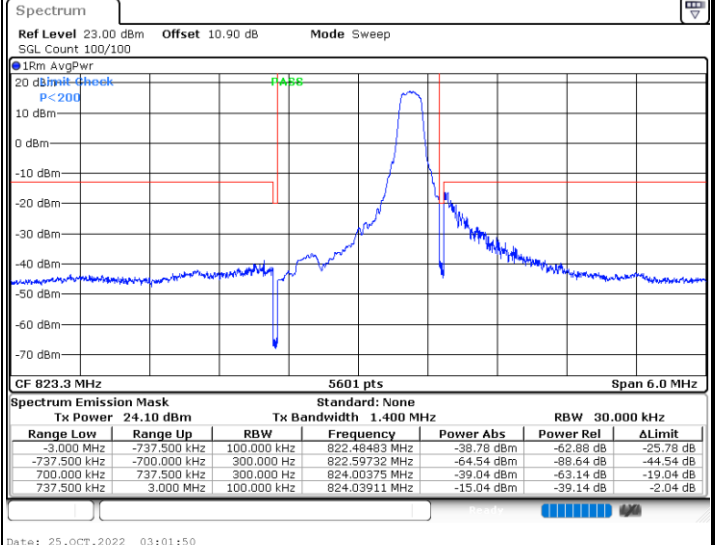
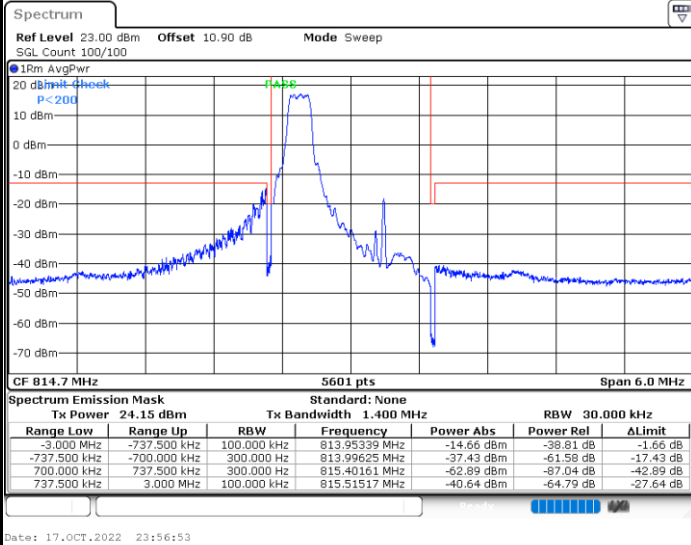




LTE Band 26 / 1.4MHz / 16QAM

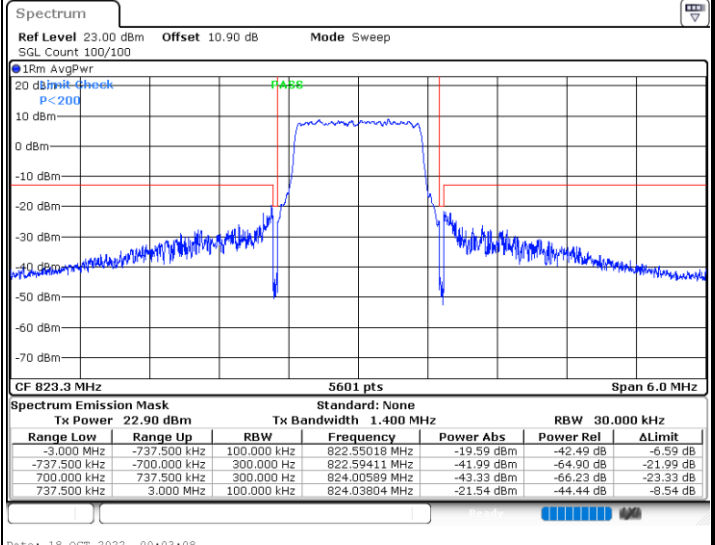
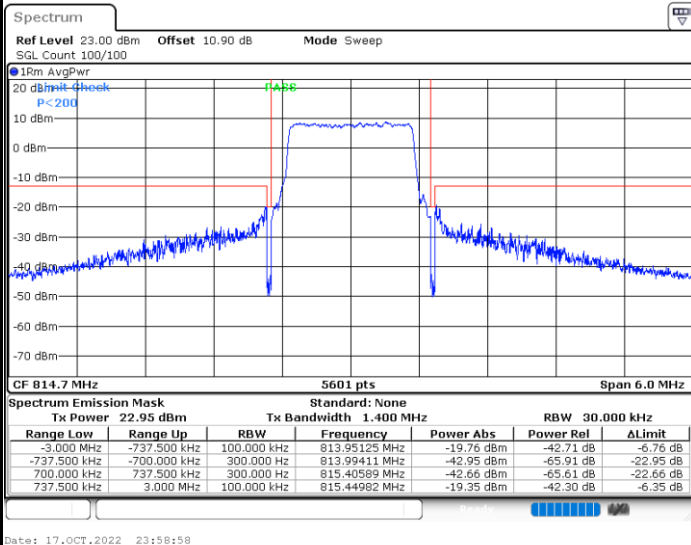
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

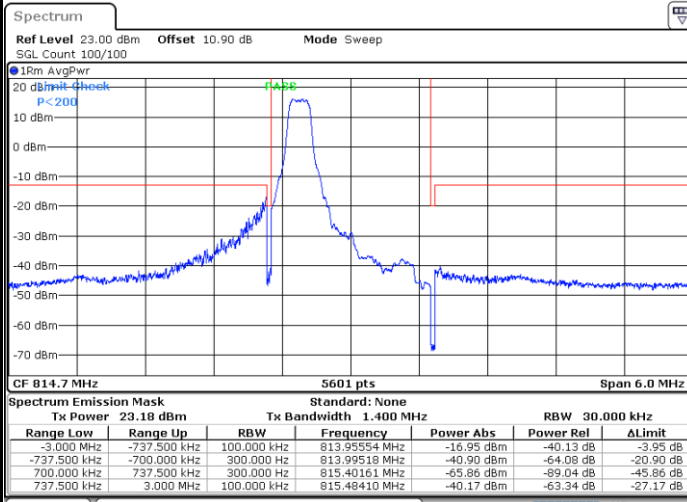
Highest Band Edge / Full RB





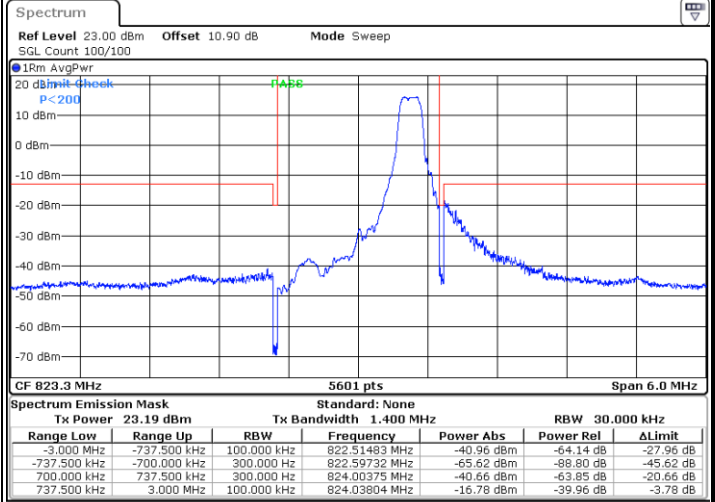
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



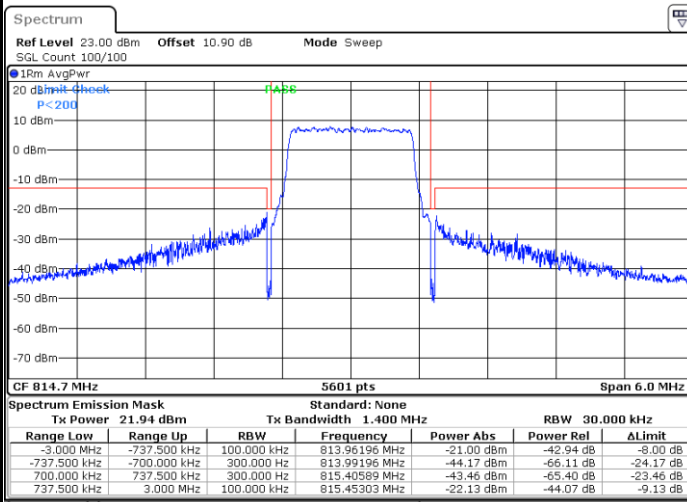
Date: 18.OCT.2022 00:04:11

Highest Band Edge / 1 RB



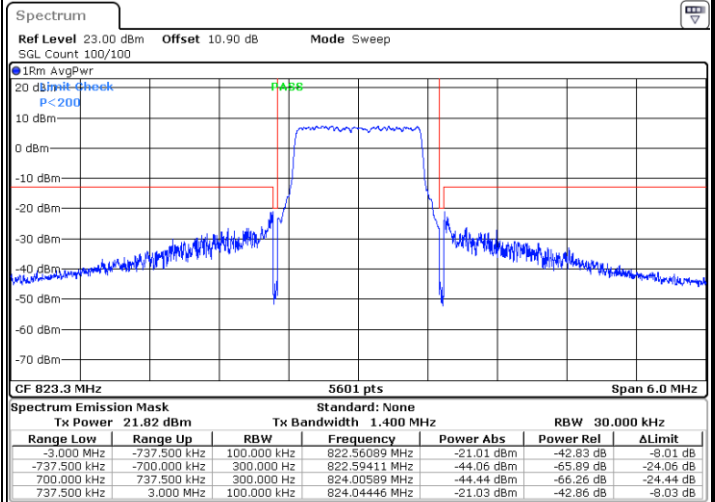
Date: 18.OCT.2022 00:06:16

Lowest Band Edge / Full RB



Date: 18.OCT.2022 00:05:13

Highest Band Edge / Full RB

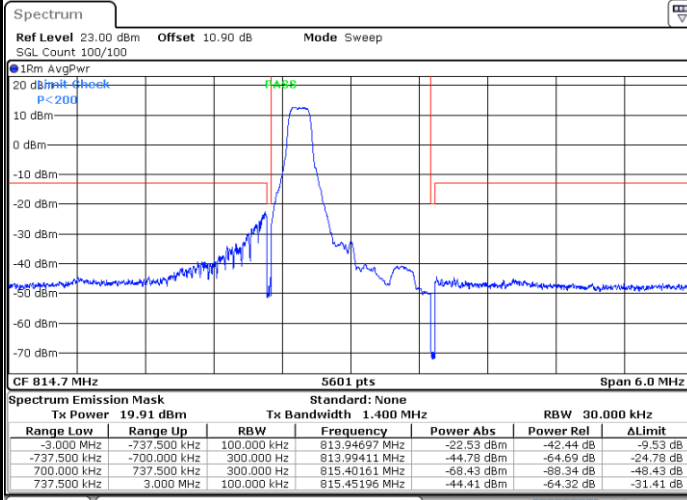


Date: 18.OCT.2022 00:07:19



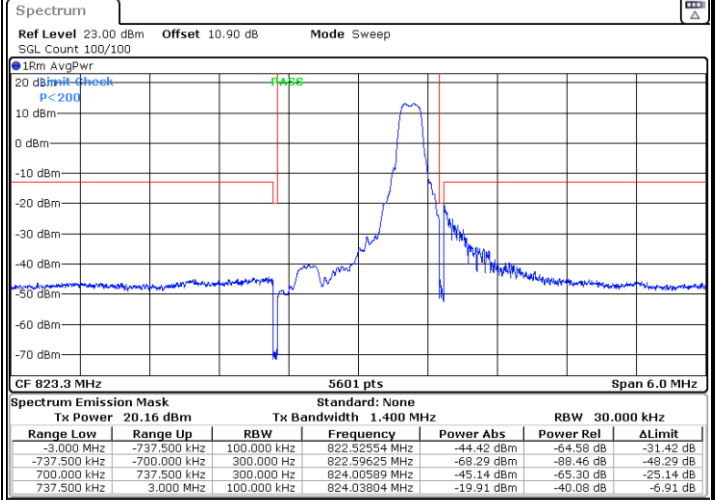
LTE Band 26 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



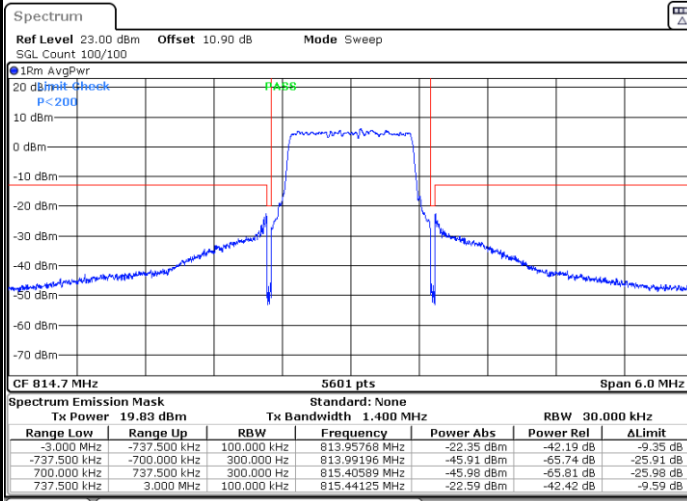
Date: 18.OCT.2022 01:47:04

Highest Band Edge / 1 RB



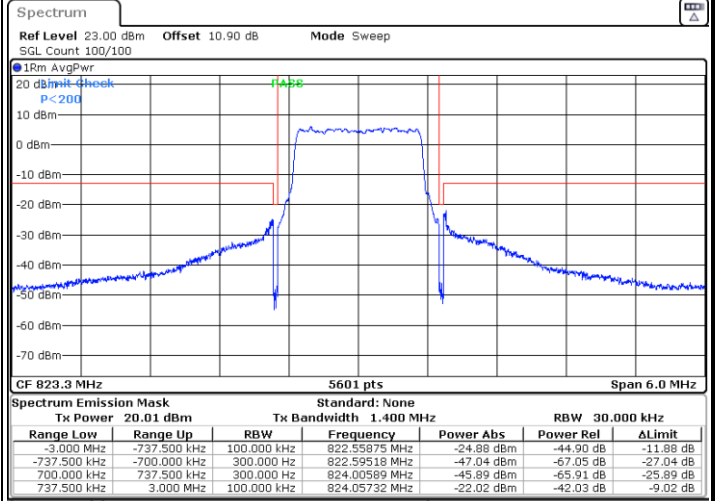
Date: 18.OCT.2022 19:45:44

Lowest Band Edge / Full RB



Date: 18.OCT.2022 19:22:48

Highest Band Edge / Full RB

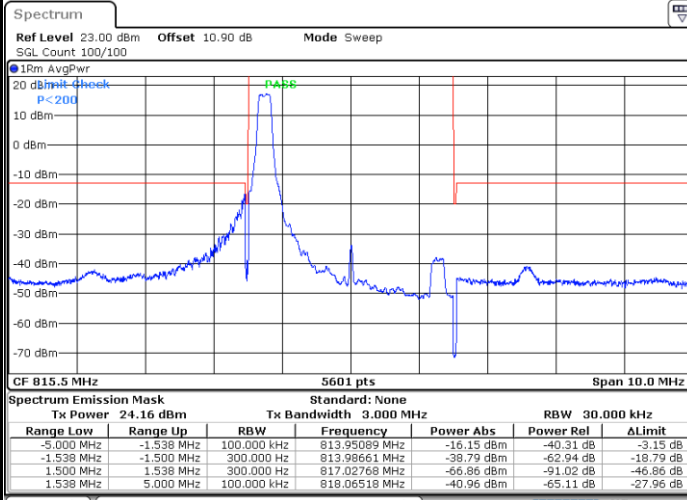


Date: 18.OCT.2022 19:51:36



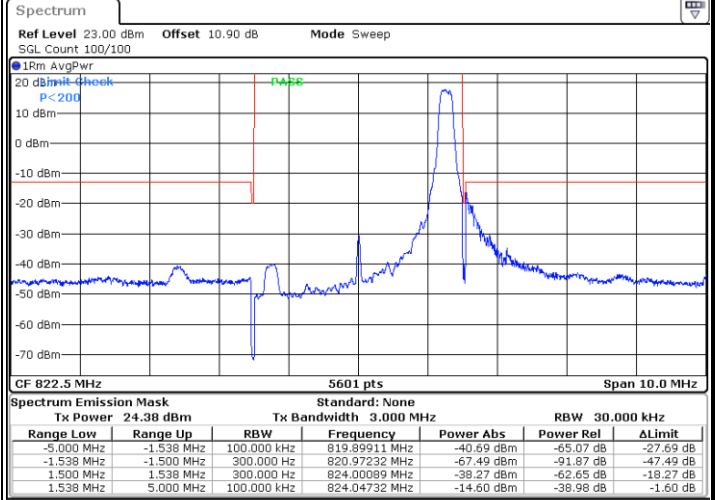
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



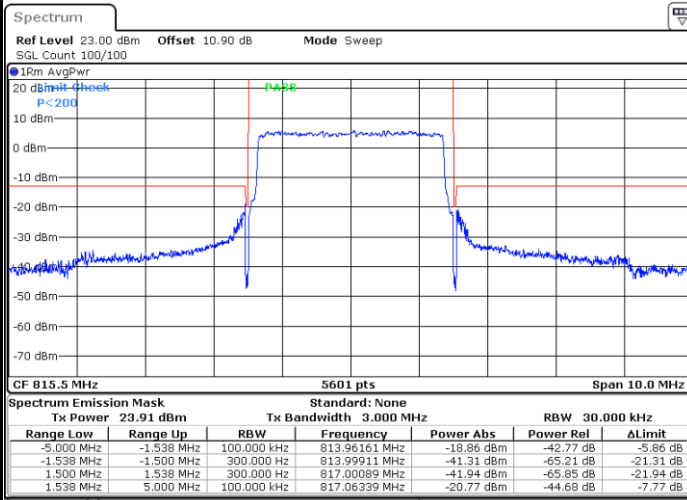
Date: 18.OCT.2022 00:19:06

Highest Band Edge / 1 RB



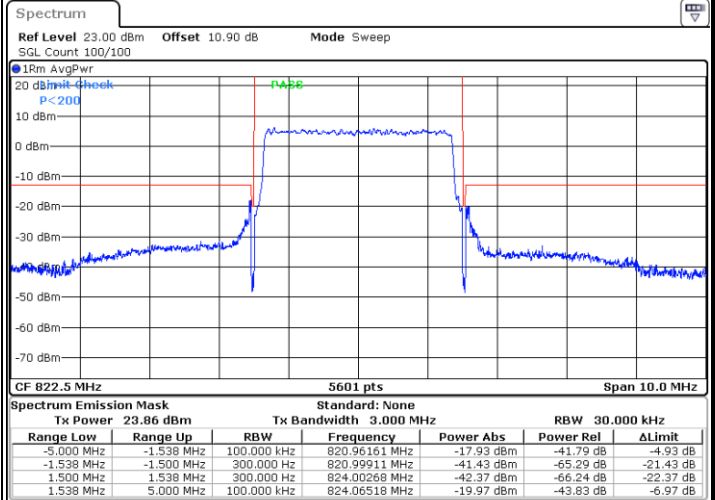
Date: 18.OCT.2022 00:23:18

Lowest Band Edge / Full RB



Date: 18.OCT.2022 00:21:12

Highest Band Edge / Full RB

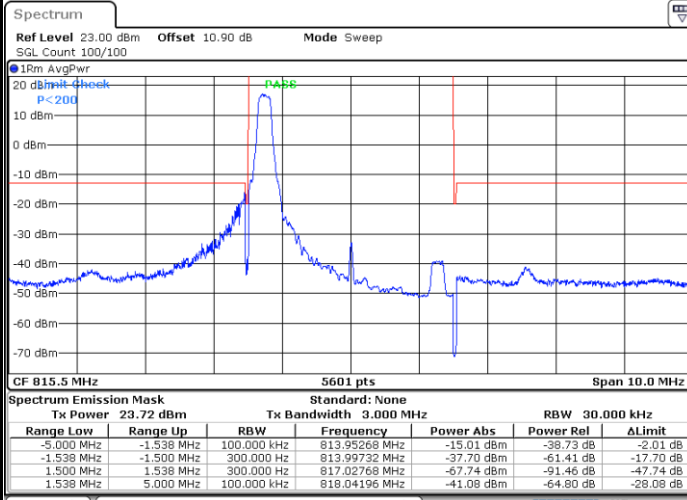


Date: 18.OCT.2022 00:25:24



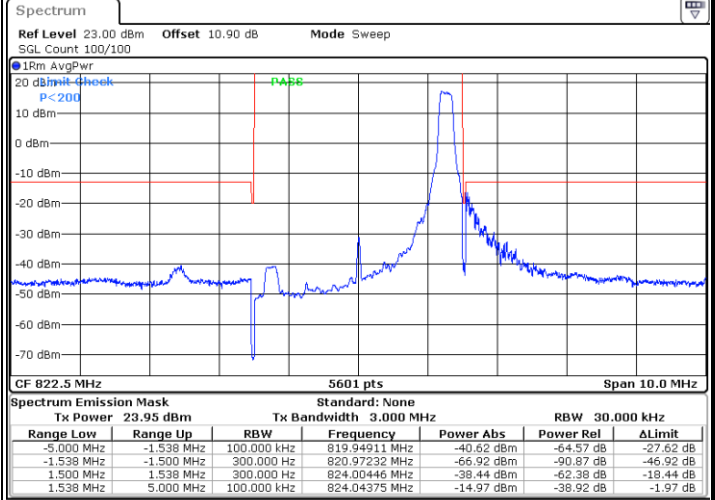
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



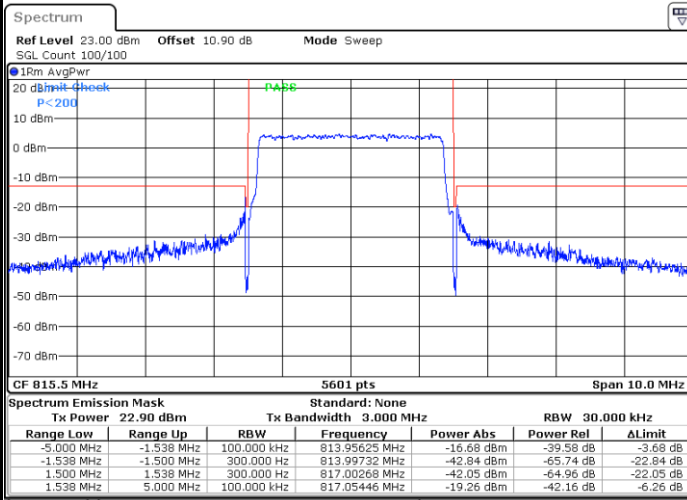
Date: 18.OCT.2022 00:20:09

Highest Band Edge / 1 RB



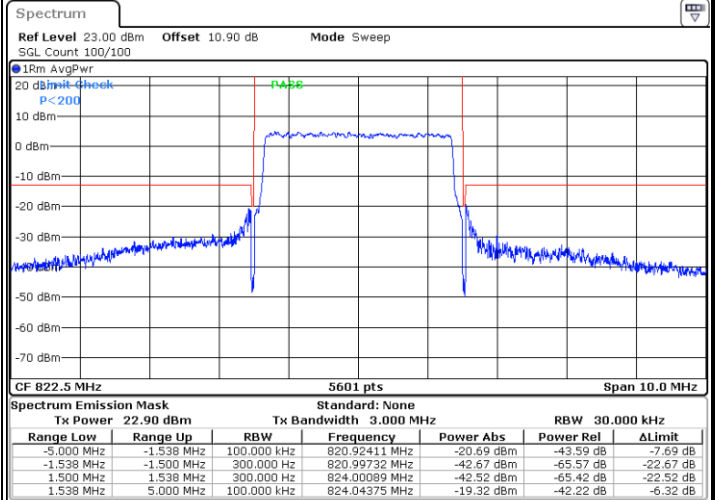
Date: 18.OCT.2022 00:24:21

Lowest Band Edge / Full RB



Date: 18.OCT.2022 00:22:15

Highest Band Edge / Full RB

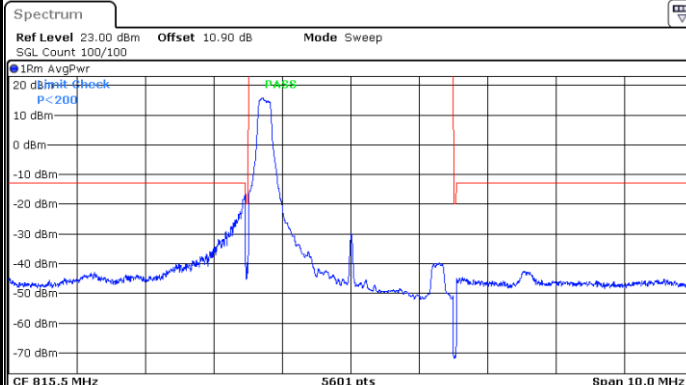


Date: 18.OCT.2022 00:26:27



LTE Band 26 / 3MHz / 64QAM

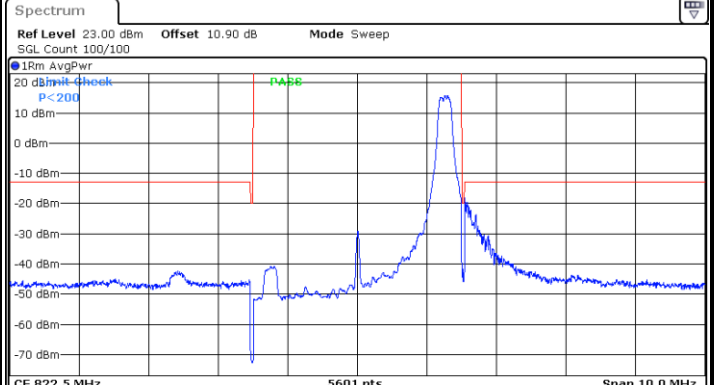
Lowest Band Edge / 1 RB



Spectrum Emission Mask		Standard: None		RBW 30.000 kHz	
Range Low	Range Up	Tx Power	Tx Bandwidth	Power Abs	Power Rel
-5.000 MHz	-1.538 MHz	22.34 dBm	3.000 MHz	-15.07 dBm	-37.41 dB
-1.538 MHz	-1.500 MHz		100.000 kHz	-37.47 dBm	-59.81 dB
1.500 MHz	1.538 MHz		300.000 Hz	-68.10 dBm	-90.44 dB
1.538 MHz	5.000 MHz		100.000 kHz	-42.58 dBm	-64.92 dB

Date: 18.OCT.2022 01:15:31

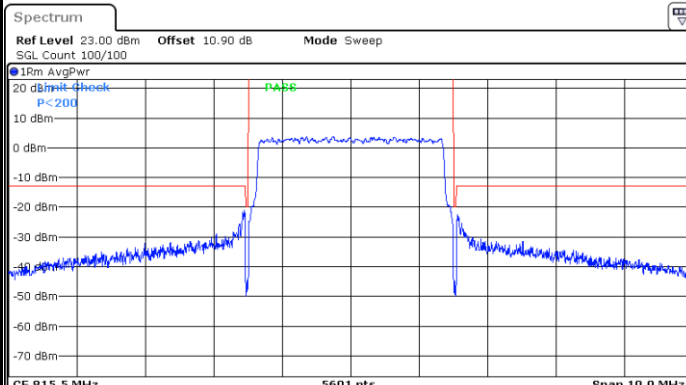
Highest Band Edge / 1 RB



Spectrum Emission Mask		Standard: None		RBW 30.000 kHz	
Range Low	Range Up	Tx Power	Tx Bandwidth	Power Abs	Power Rel
-5.000 MHz	-1.538 MHz	22.27 dBm	3.000 MHz	-15.07 dBm	-37.41 dB
-1.538 MHz	-1.500 MHz		100.000 kHz	-37.47 dBm	-59.81 dB
1.500 MHz	1.538 MHz		300.000 Hz	-68.10 dBm	-90.44 dB
1.538 MHz	5.000 MHz		100.000 kHz	-42.58 dBm	-64.92 dB

Date: 25.OCT.2022 03:07:51

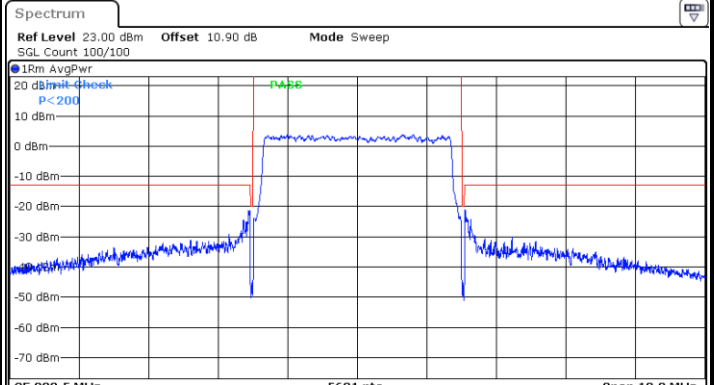
Lowest Band Edge / Full RB



Spectrum Emission Mask		Standard: None		RBW 30.000 kHz	
Range Low	Range Up	Tx Power	Tx Bandwidth	Power Abs	Power Rel
-5.000 MHz	-1.538 MHz	21.80 dBm	3.000 MHz	-21.02 dBm	-42.81 dB
-1.538 MHz	-1.500 MHz		100.000 kHz	-43.75 dBm	-65.59 dB
1.500 MHz	1.538 MHz		300.000 Hz	-44.23 dBm	-66.02 dB
1.538 MHz	5.000 MHz		100.000 kHz	-22.36 dBm	-44.16 dB

Date: 18.OCT.2022 01:16:34

Highest Band Edge / Full RB



Spectrum Emission Mask		Standard: None		RBW 30.000 kHz	
Range Low	Range Up	Tx Power	Tx Bandwidth	Power Abs	Power Rel
-5.000 MHz	-1.538 MHz	21.84 dBm	3.000 MHz	-21.20 dBm	-43.04 dB
-1.538 MHz	-1.500 MHz		100.000 kHz	-44.47 dBm	-66.31 dB
1.500 MHz	1.538 MHz		300.000 Hz	-44.32 dBm	-66.16 dB
1.538 MHz	5.000 MHz		100.000 kHz	-20.95 dBm	-42.79 dB

Date: 18.OCT.2022 01:18:40

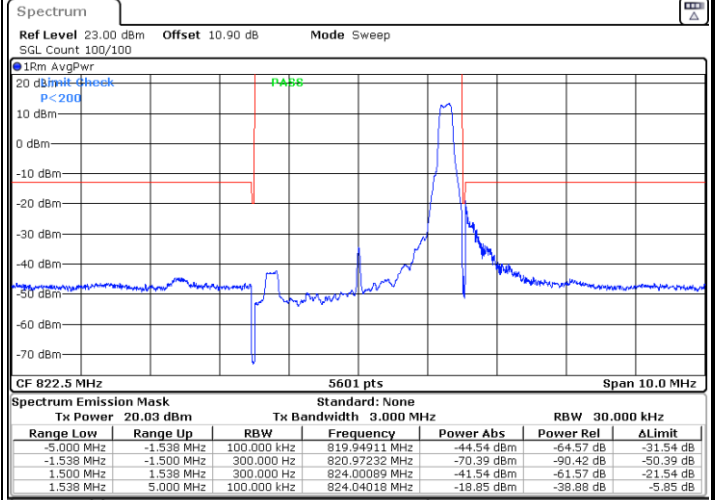
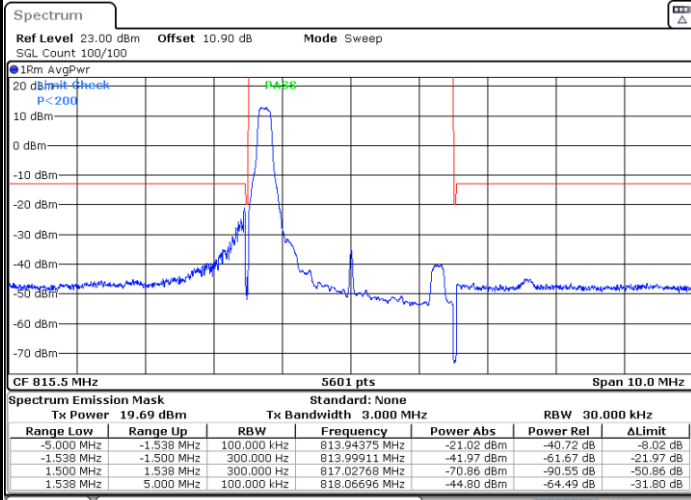




LTE Band 26 / 3MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

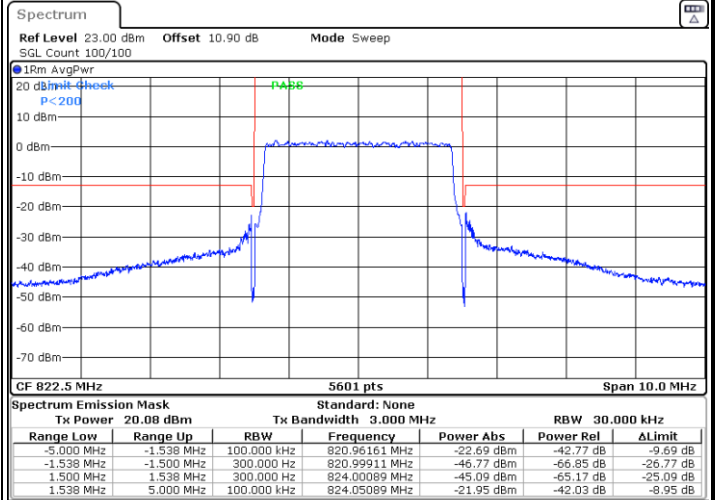
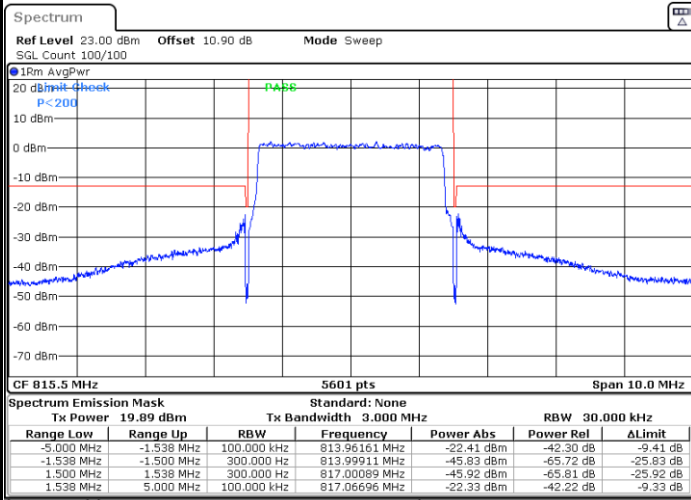


Date: 18.OCT.2022 20:05:02

Date: 18.OCT.2022 20:16:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



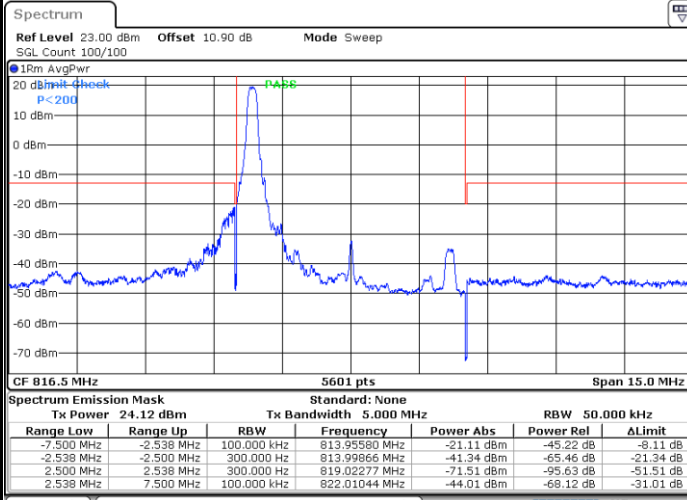
Date: 18.OCT.2022 20:09:14

Date: 18.OCT.2022 20:30:17



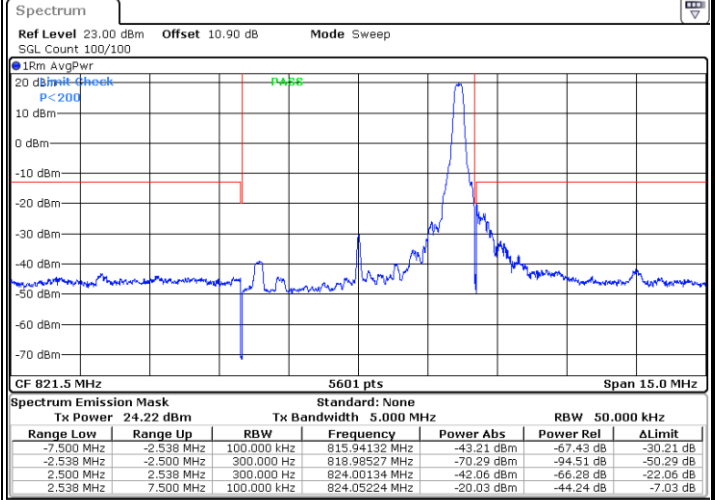
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



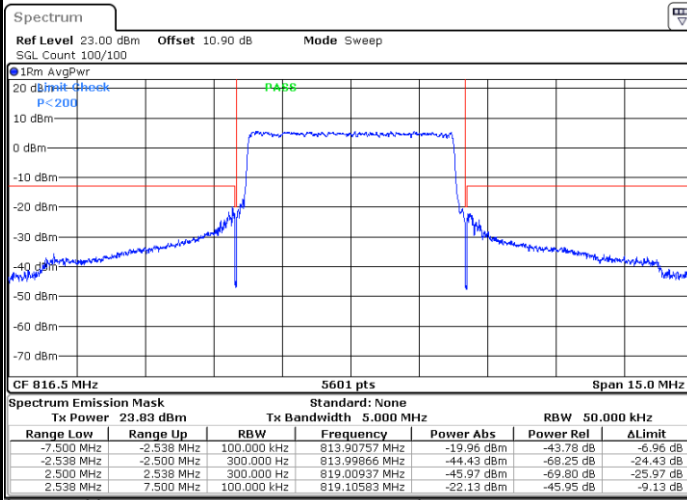
Date: 18.OCT.2022 00:35:10

Highest Band Edge / 1 RB



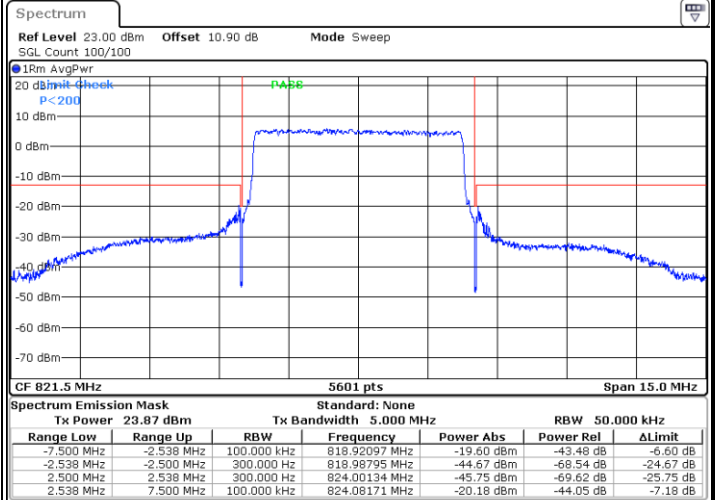
Date: 18.OCT.2022 00:39:21

Lowest Band Edge / Full RB



Date: 18.OCT.2022 00:37:15

Highest Band Edge / Full RB



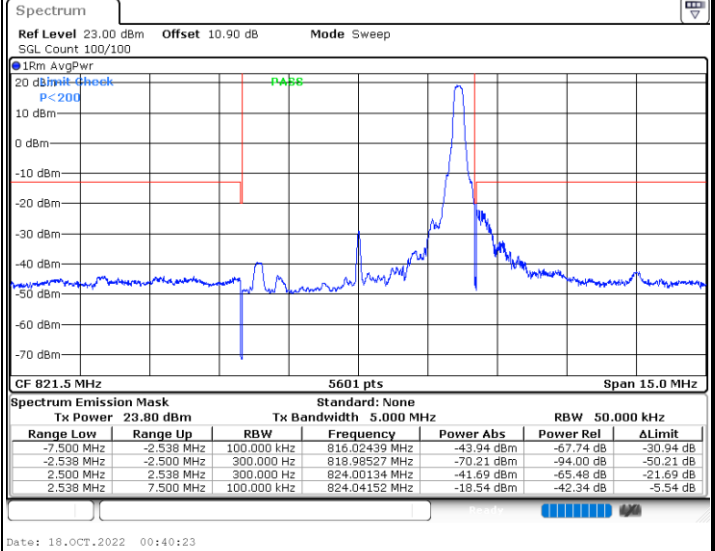
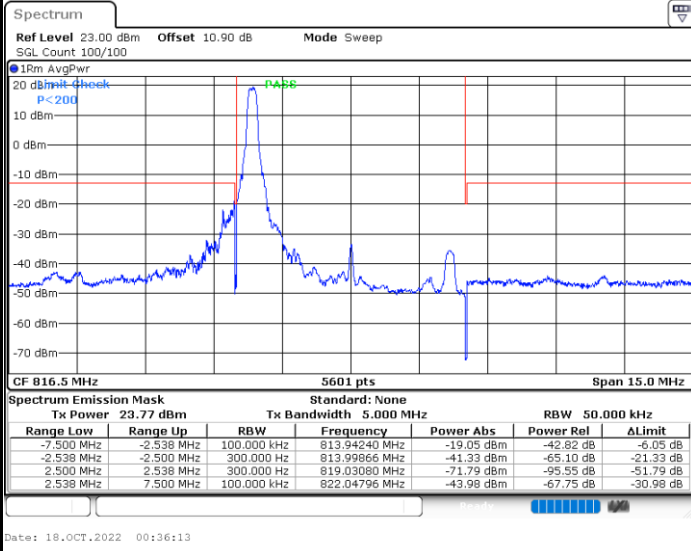
Date: 18.OCT.2022 00:41:26



LTE Band 26 / 5MHz / 16QAM

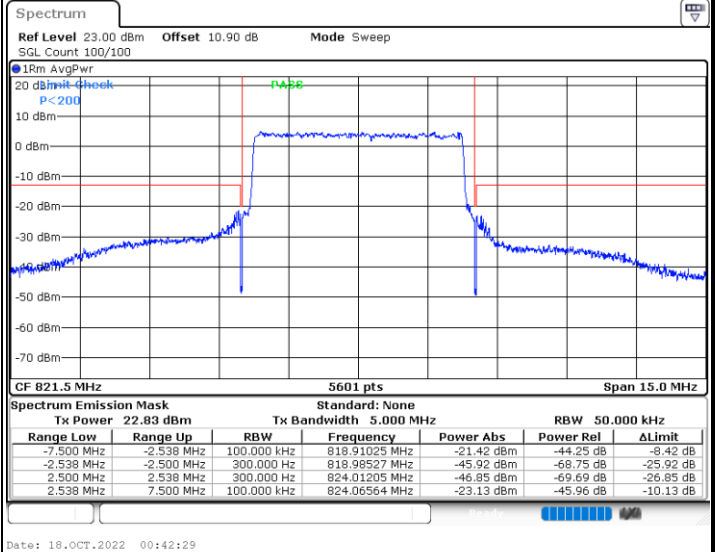
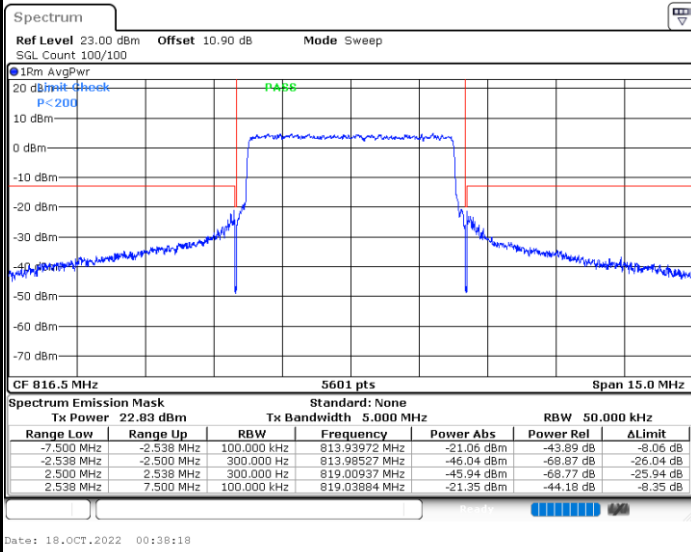
Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

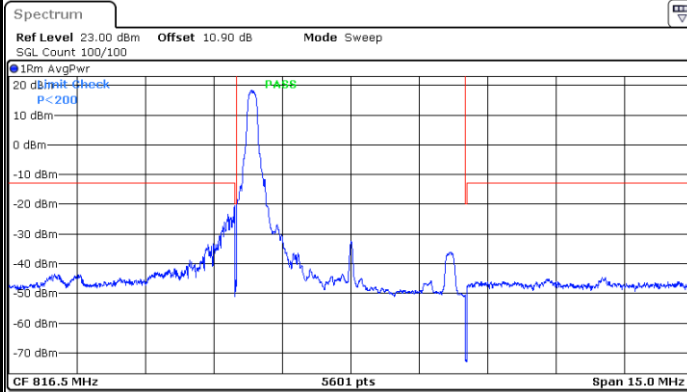
Highest Band Edge / Full RB





LTE Band 26 / 5MHz / 64QAM

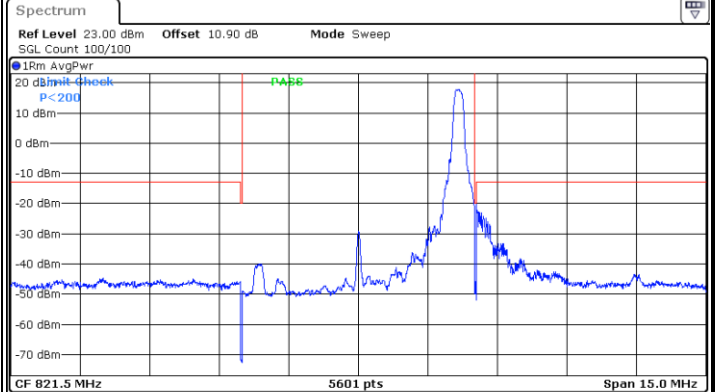
Lowest Band Edge / 1RB



Spectrum Emission Mask		Standard: None		RBW 50.000 kHz		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.94776 MHz	-20.56 dBm	-43.25 dB	-7.56 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.99866 MHz	-42.85 dBm	-65.53 dB	-22.85 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.02545 MHz	-72.31 dBm	-94.99 dB	-52.31 dB
2.538 MHz	7.500 MHz	100.000 kHz	822.00777 MHz	-44.56 dBm	-67.25 dB	-31.56 dB

Date: 18.OCT.2022 01:21:05

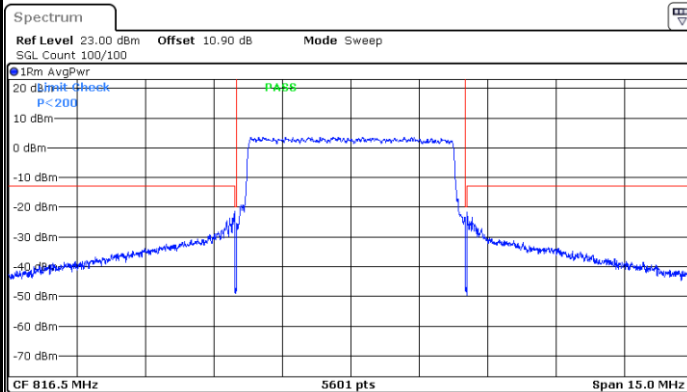
Highest Band Edge / 1 RB



Spectrum Emission Mask		Standard: None		RBW 50.000 kHz		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit
-7.500 MHz	-2.538 MHz	100.000 kHz	815.99223 MHz	-44.62 dBm	-67.02 dB	-31.62 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.98527 MHz	-71.54 dBm	-93.94 dB	-51.54 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.00134 MHz	-42.58 dBm	-64.98 dB	-22.58 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.03884 MHz	-19.42 dBm	-41.82 dB	-6.42 dB

Date: 18.OCT.2022 01:23:10

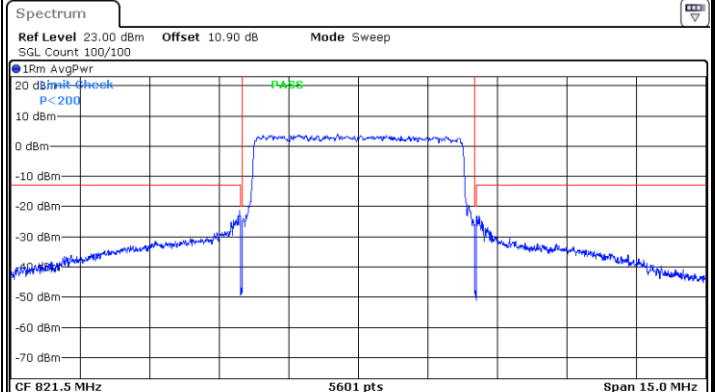
Lowest Band Edge / Full RB



Spectrum Emission Mask		Standard: None		RBW 50.000 kHz		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit
-7.500 MHz	-2.538 MHz	100.000 kHz	813.95848 MHz	-21.37 dBm	-43.17 dB	-8.37 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	813.98795 MHz	-46.68 dBm	-68.47 dB	-26.68 dB
2.500 MHz	2.538 MHz	300.000 Hz	819.00134 MHz	-46.94 dBm	-68.73 dB	-26.94 dB
2.538 MHz	7.500 MHz	100.000 kHz	819.04420 MHz	-21.50 dBm	-43.30 dB	-8.50 dB

Date: 18.OCT.2022 01:22:07

Highest Band Edge / Full RB



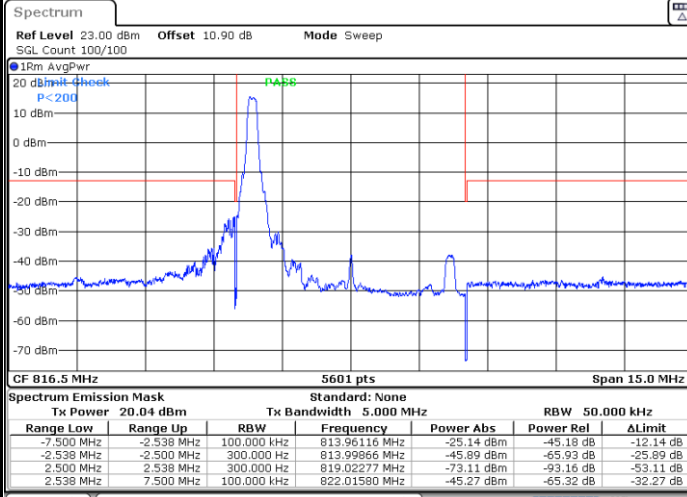
Spectrum Emission Mask		Standard: None		RBW 50.000 kHz		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ALimit
-7.500 MHz	-2.538 MHz	100.000 kHz	818.93972 MHz	-21.40 dBm	-43.24 dB	-8.40 dB
-2.538 MHz	-2.500 MHz	300.000 Hz	818.97455 MHz	-46.94 dBm	-68.78 dB	-26.94 dB
2.500 MHz	2.538 MHz	300.000 Hz	824.00134 MHz	-47.36 dBm	-69.21 dB	-27.36 dB
2.538 MHz	7.500 MHz	100.000 kHz	824.05224 MHz	-23.06 dBm	-44.91 dB	-10.06 dB

Date: 18.OCT.2022 01:24:13

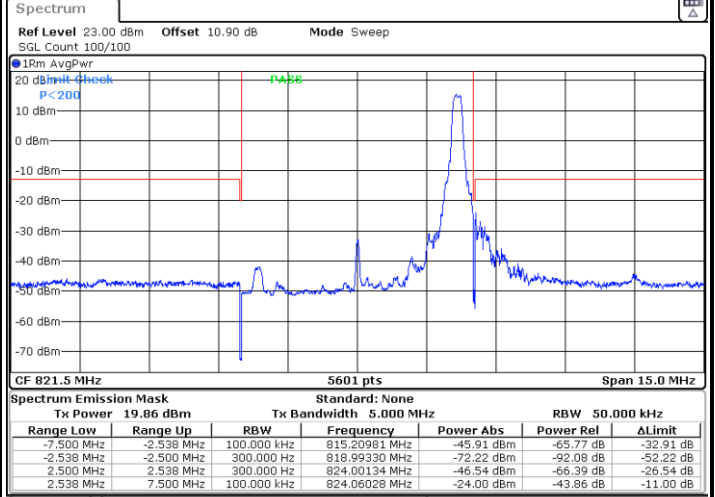


LTE Band 26 / 5MHz / 256QAM

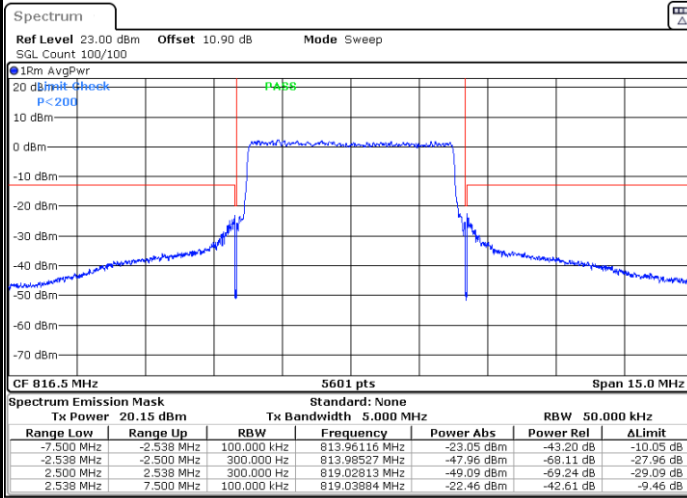
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

