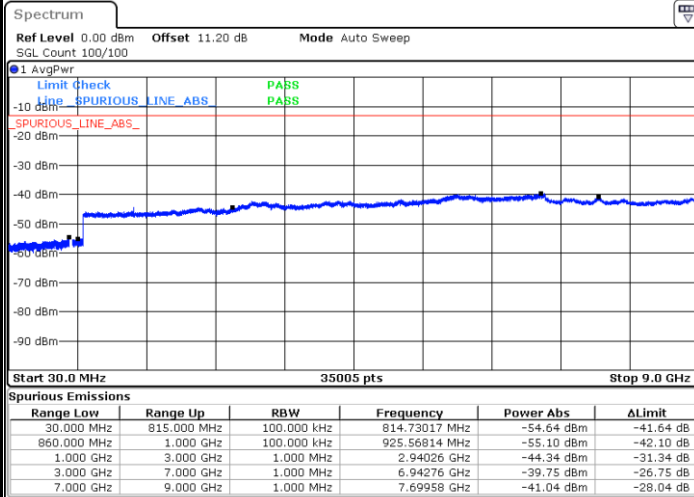




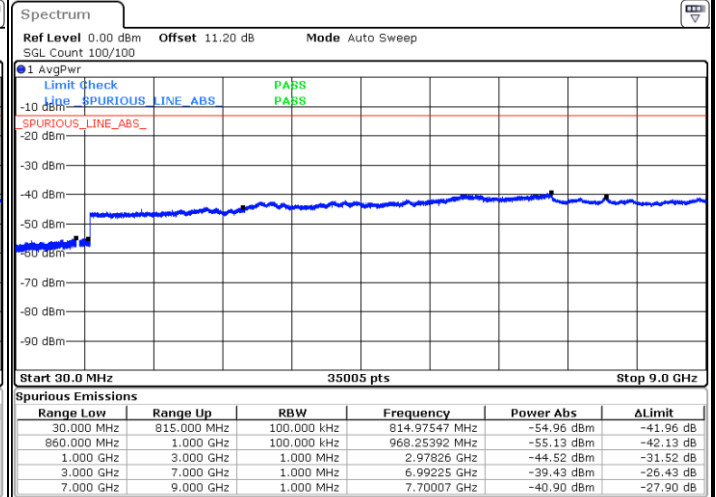
LTE Band 26 / 15MHz

Lowest Channel / QPSK



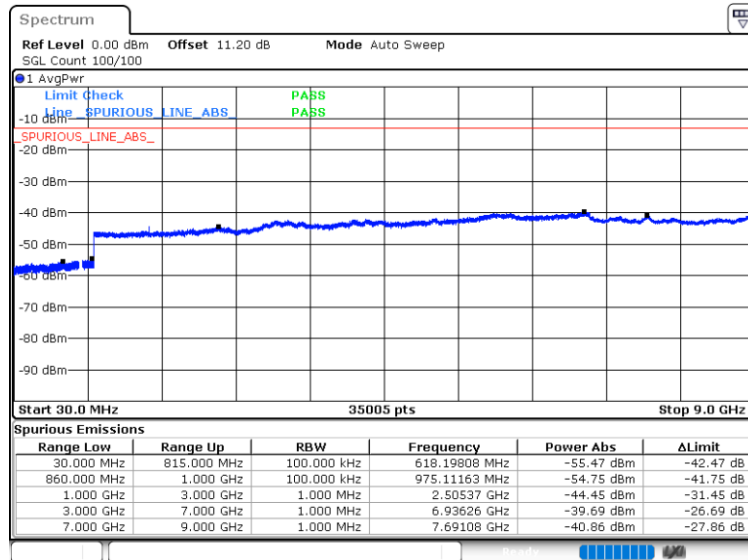
Date: 28.MAY.2024 19:31:05

Middle Channel / QPSK



Date: 28.MAY.2024 19:32:18

Highest Channel / QPSK



Date: 28.MAY.2024 19:33:31

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0034	PASS
40	Normal Voltage	0.0076	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0138	
-20	Normal Voltage	0.0125	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0063	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0072	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

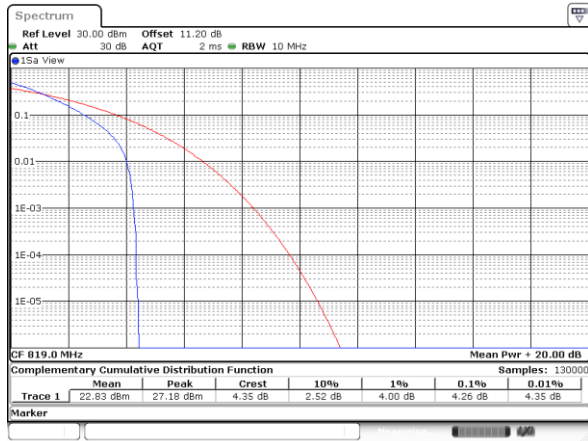
**LTE Band 26_Part 90S****Peak-to-Average Ratio**

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	4.26	5.54	6.29	6.46	PASS



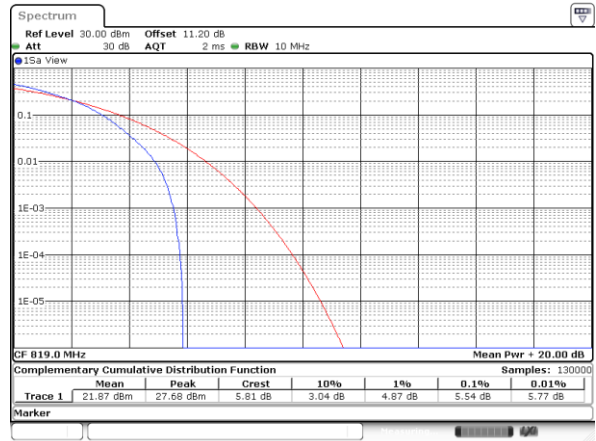
LTE Band 26 / 10MHz / QPSK

Middle Channel / Full RB



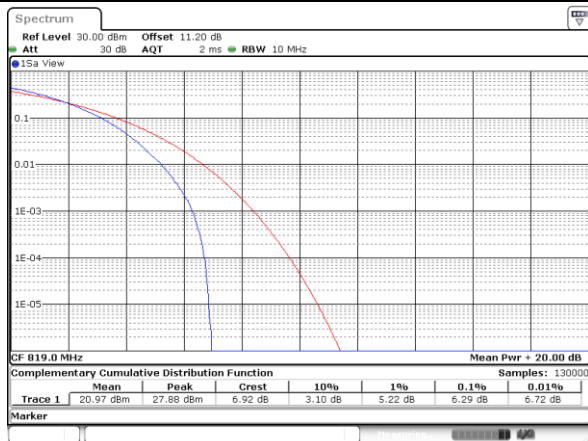
LTE Band 26 / 10MHz / 16QAM

Middle Channel / Full RB



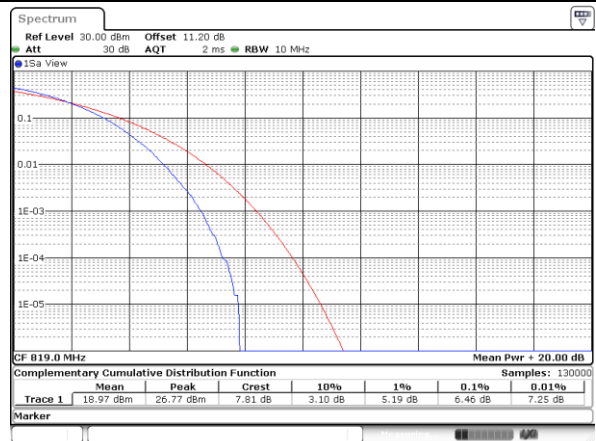
LTE Band 26 / 10MHz / 64QAM

Middle Channel / Full RB



LTE Band 26 / 10MHz / 256QAM

Middle Channel / Full RB



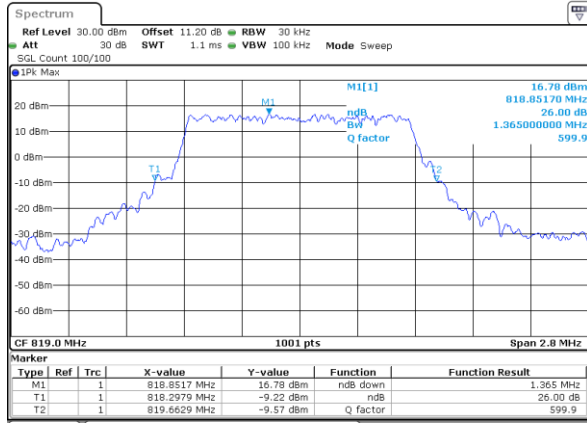
**26dB Bandwidth**

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	-	-	-	-	-	-	-	-	14.50	14.41	-	-
Middle CH	1.36	1.33	3.04	3.06	4.88	4.99	9.84	9.76	-	-	-	-
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	-	-	-	-	-	-	-	-	14.56	14.65	-	-
Middle CH	1.30	1.25	3.04	3.02	4.97	4.92	9.92	9.92	-	-	-	-



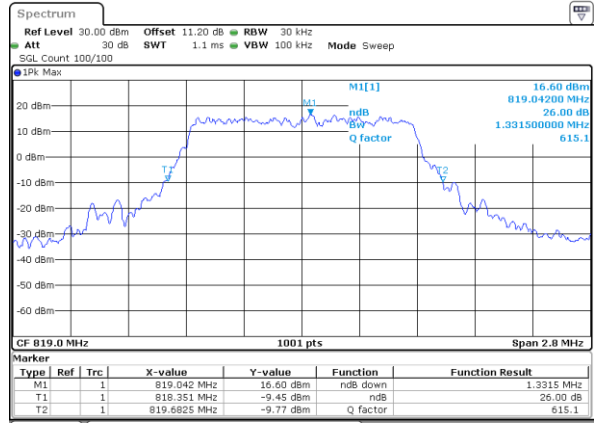
LTE Band 26

Middle Channel / 1.4MHz / QPSK



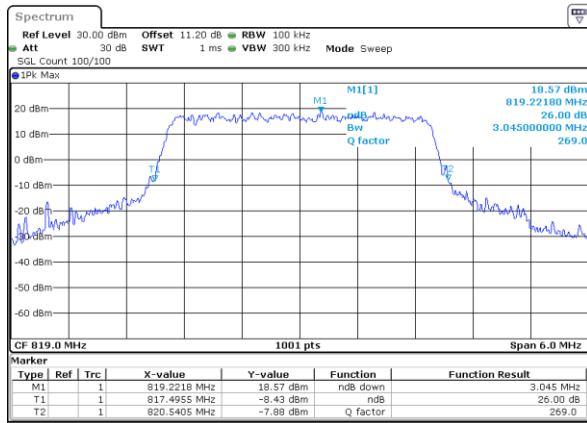
Date: 28.MAY.2024 19:46:09

Middle Channel / 1.4MHz / 16QAM



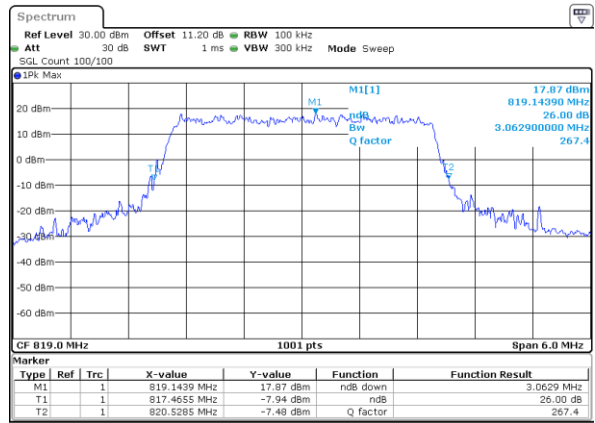
Date: 28.MAY.2024 19:46:15

Middle Channel / 3MHz / QPSK



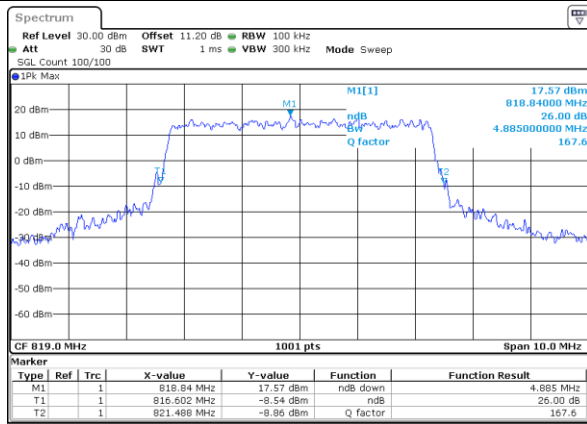
Date: 28.MAY.2024 20:02:24

Middle Channel / 3MHz / 16QAM



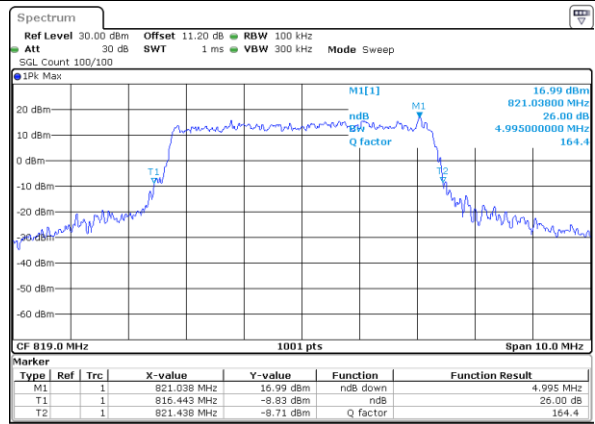
Date: 28.MAY.2024 20:02:50

Middle Channel / 5MHz / QPSK



Date: 28.MAY.2024 20:09:02

Middle Channel / 5MHz / 16QAM

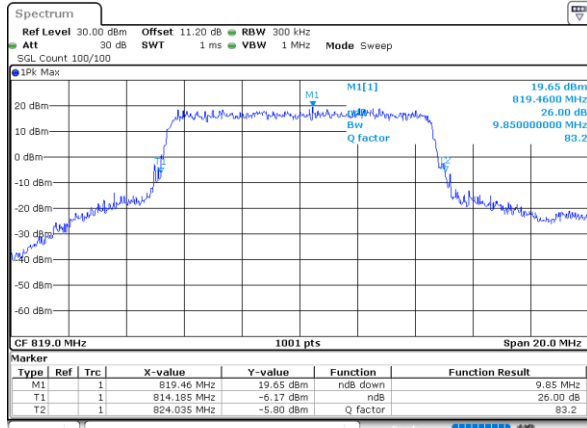


Date: 28.MAY.2024 20:09:27

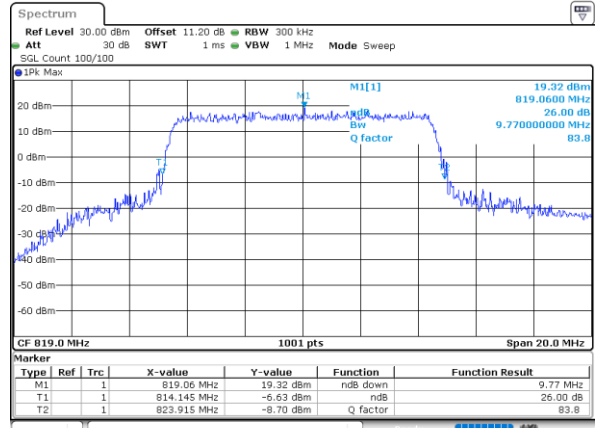


LTE Band 26

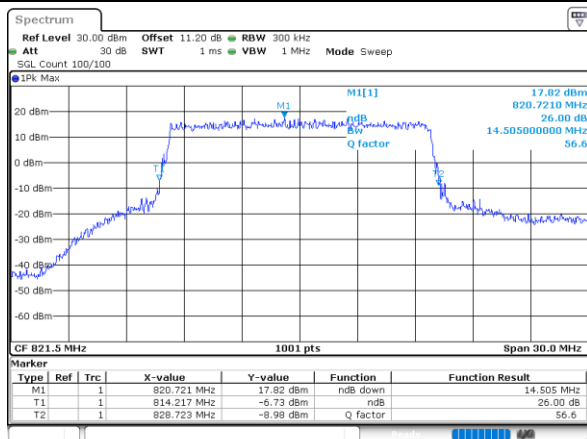
Middle Channel / 10MHz / QPSK



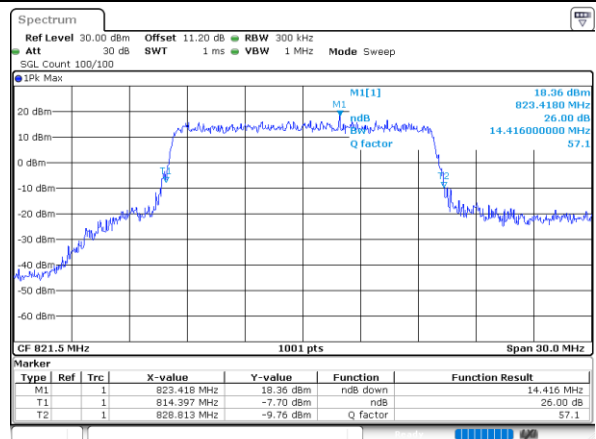
Middle Channel / 10MHz / 16QAM



Low Channel / 15MHz / QPSK



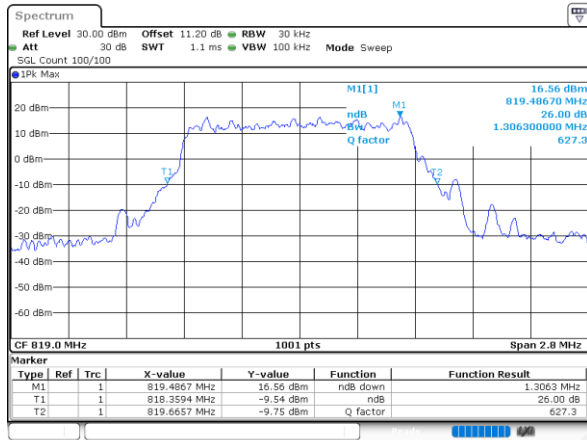
Low Channel / 15MHz / 16QAM



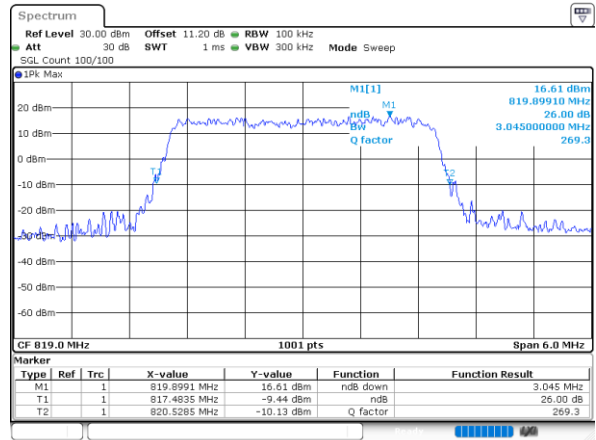


LTE Band 26

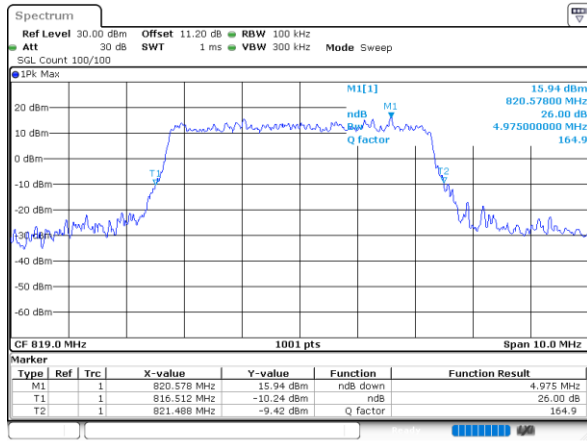
Middle Channel / 1.4MHz / 64QAM



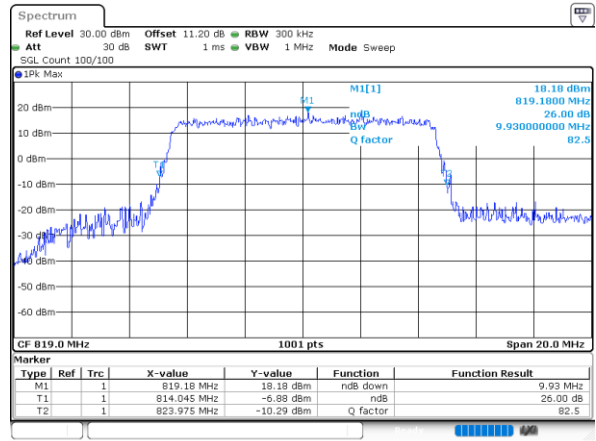
Middle Channel / 3MHz / 64QAM



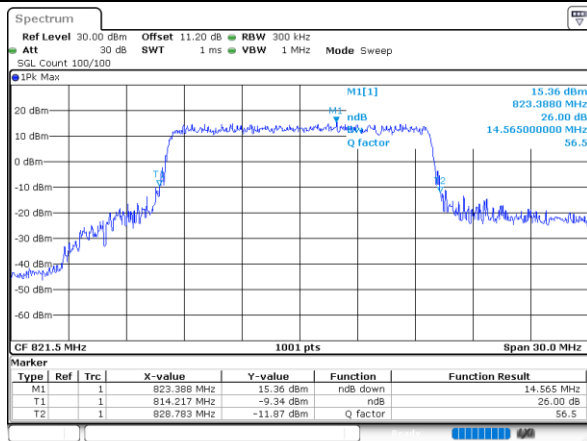
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



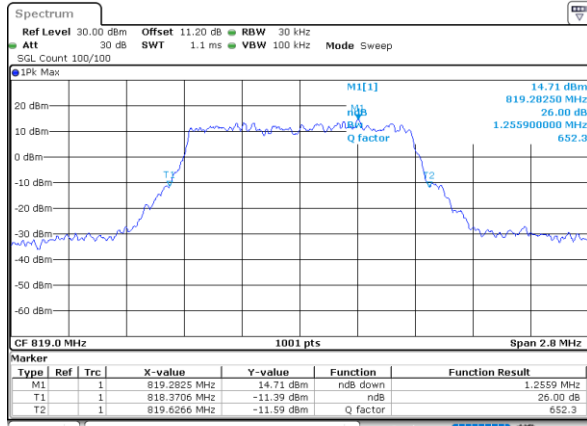
Low Channel / 15MHz / 64QAM





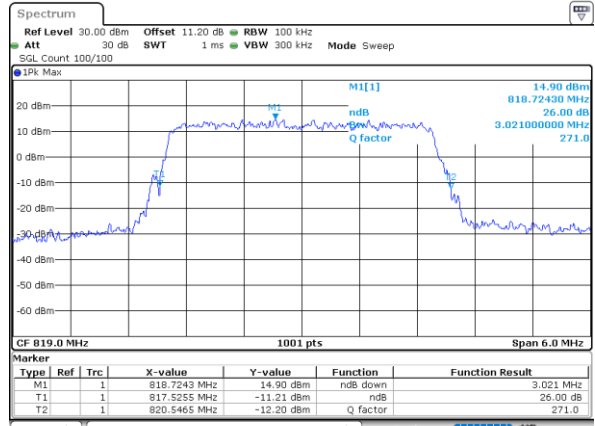
LTE Band 26

Middle Channel / 1.4MHz / 256QAM



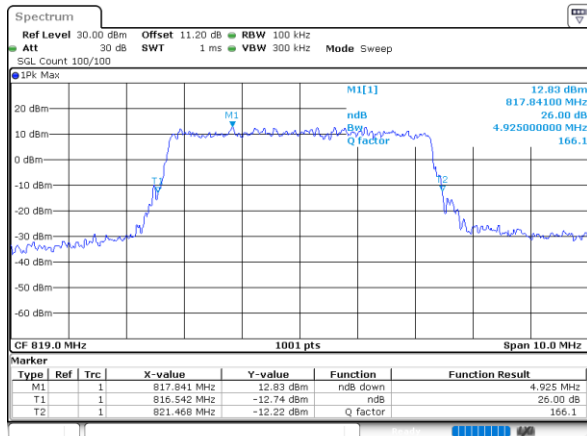
Date: 28.MAY.2024 20:32:50

Middle Channel / 3MHz / 256QAM



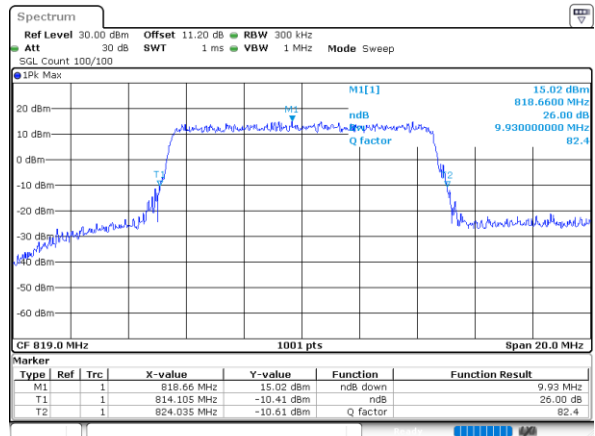
Date: 28.MAY.2024 20:38:01

Middle Channel / 5MHz / 256QAM



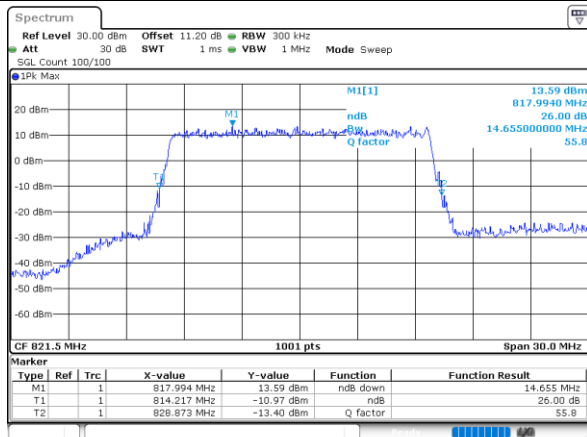
Date: 28.MAY.2024 20:42:10

Middle Channel / 10MHz / 256QAM



Date: 28.MAY.2024 20:45:29

Low Channel / 15MHz / 256QAM



Date: 28.MAY.2024 20:48:18

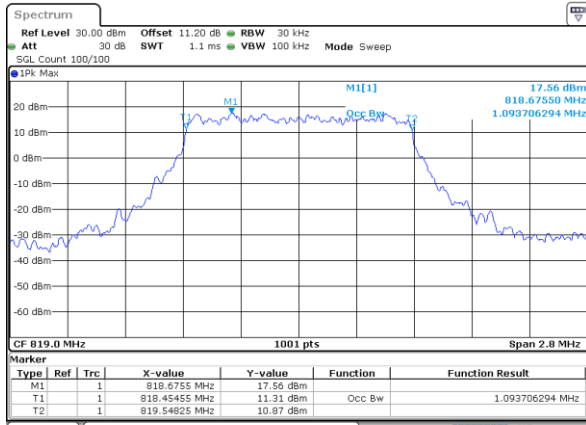
**Occupied Bandwidth**

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	-	-	-	-	-	-	-	-	13.48	13.45	-	-
Middle CH	1.09	1.09	2.72	2.74	4.47	4.50	9.05	9.07	-	-	-	-
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	-	-	-	-	-	-	-	-	13.45	13.45	-	-
Middle CH	1.09	1.09	2.73	2.73	4.49	4.48	9.05	9.05	-	-	-	-



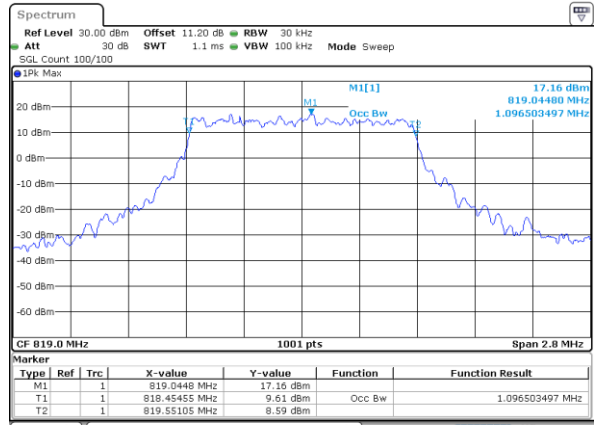
LTE Band 26

Middle Channel / 1.4MHz / QPSK



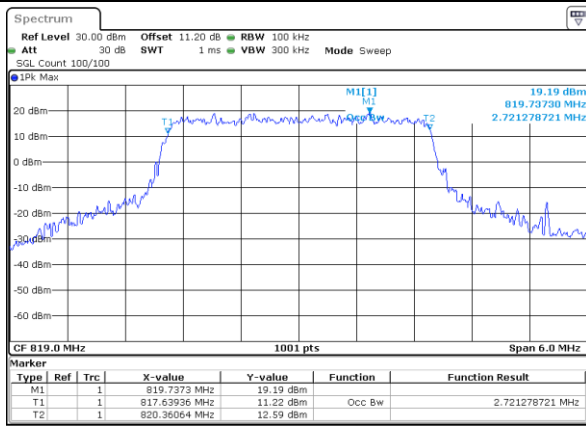
Date: 28.MAY.2024 19:45:19

Middle Channel / 1.4MHz / 16QAM



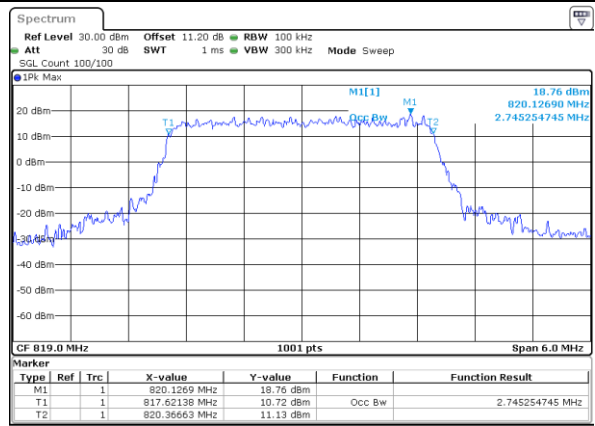
Date: 28.MAY.2024 19:45:44

Middle Channel / 3MHz / QPSK



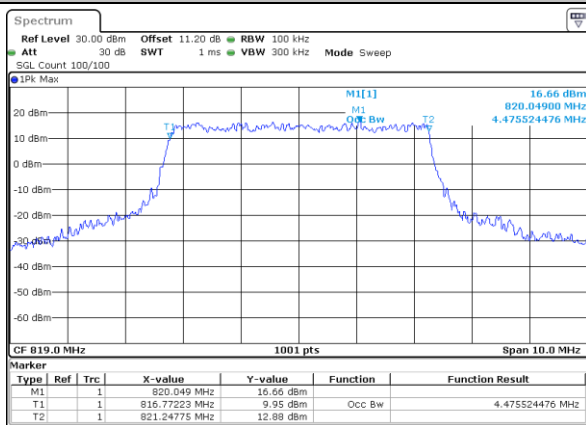
Date: 28.MAY.2024 20:01:34

Middle Channel / 3MHz / 16QAM



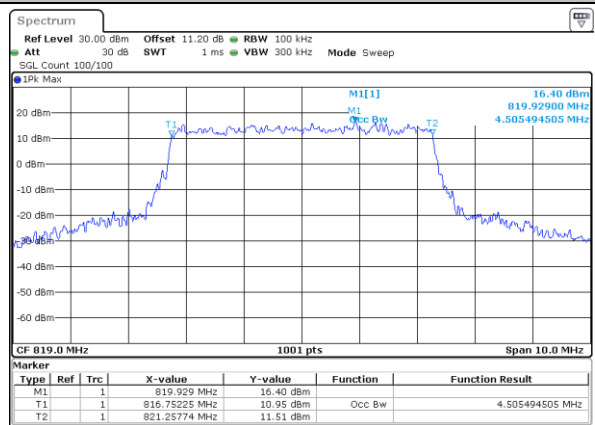
Date: 28.MAY.2024 20:01:59

Middle Channel / 5MHz / QPSK



Date: 28.MAY.2024 20:08:11

Middle Channel / 5MHz / 16QAM

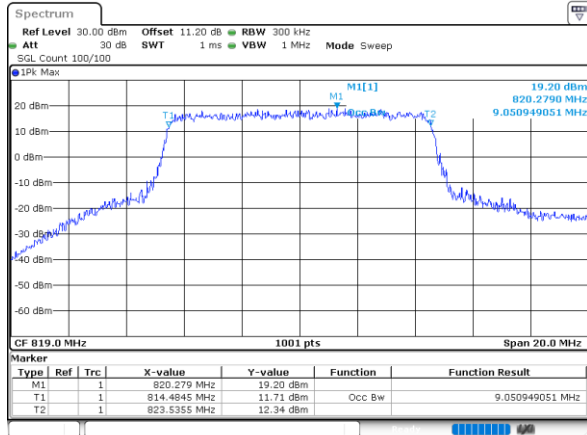


Date: 28.MAY.2024 20:08:36



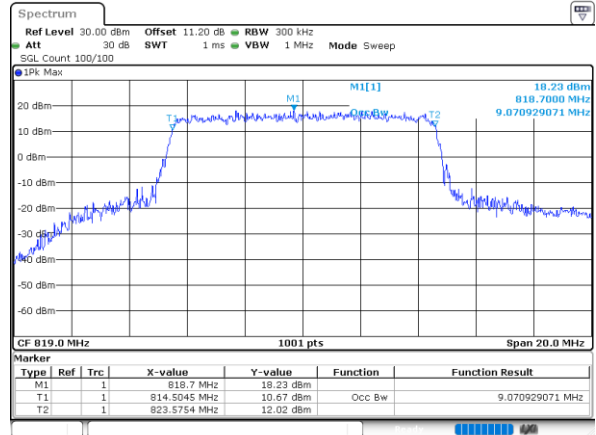
LTE Band 26

Middle Channel / 10MHz / QPSK



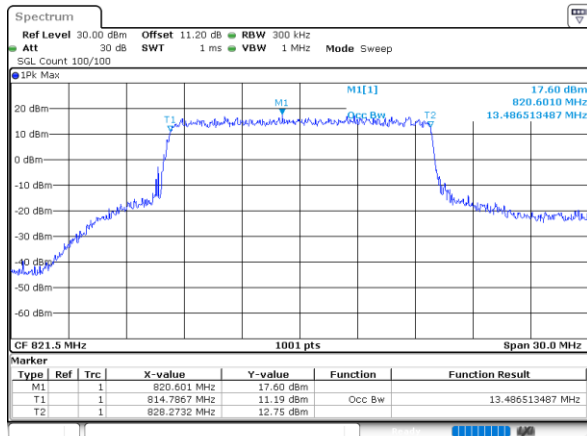
Date: 28.MAY.2024 20:16:35

Middle Channel / 10MHz / 16QAM



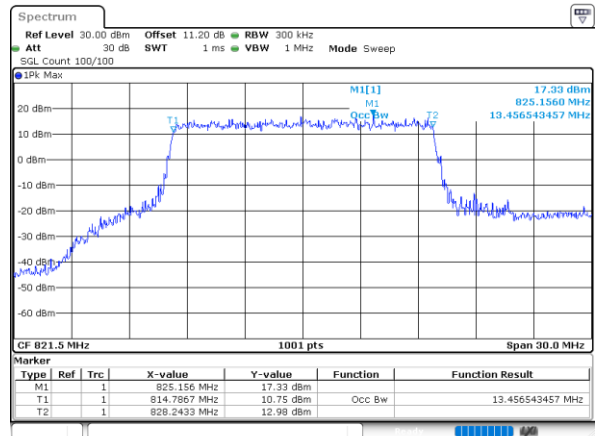
Date: 28.MAY.2024 20:17:00

Low Channel / 15MHz / QPSK



Date: 28.MAY.2024 20:31:10

Low Channel / 15MHz / 16QAM

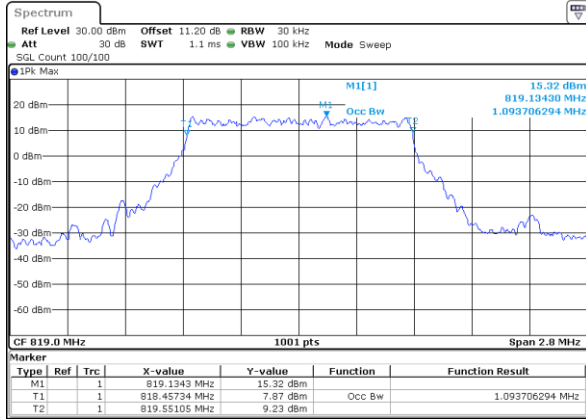


Date: 28.MAY.2024 20:30:32



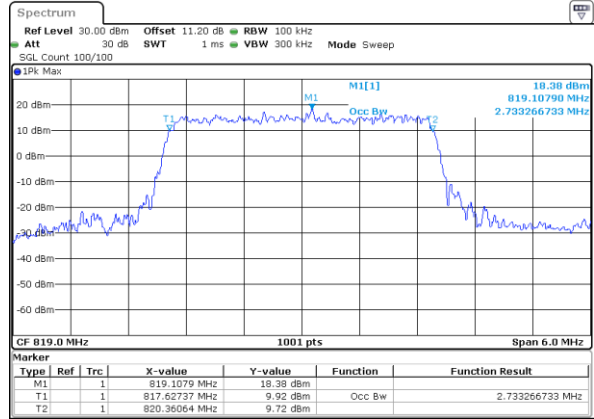
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



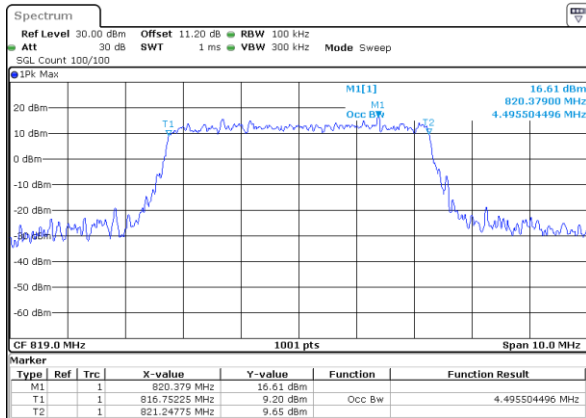
Date: 28.MAY.2024 19:43:26

Middle Channel / 3MHz / 64QAM



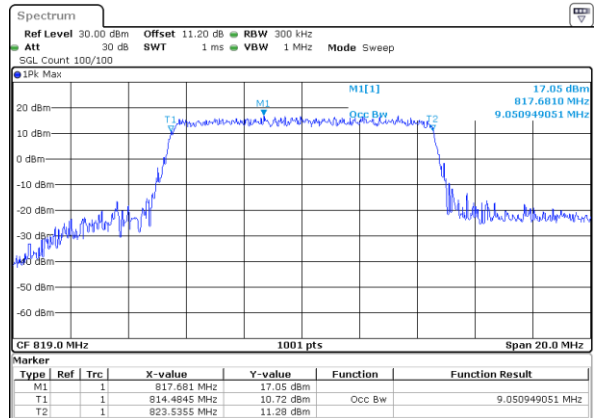
Date: 28.MAY.2024 20:00:56

Middle Channel / 5MHz / 64QAM



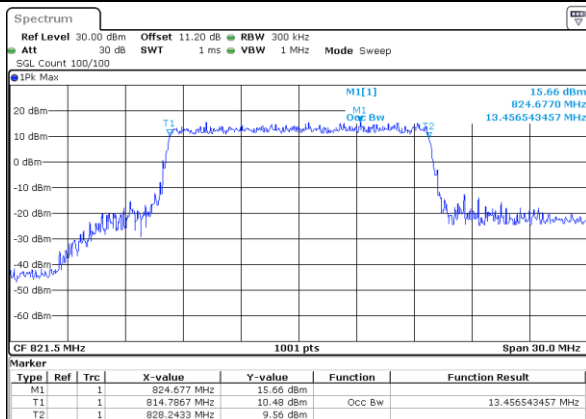
Date: 28.MAY.2024 20:07:32

Middle Channel / 10MHz / 64QAM



Date: 28.MAY.2024 20:15:57

Low Channel / 15MHz / 64QAM

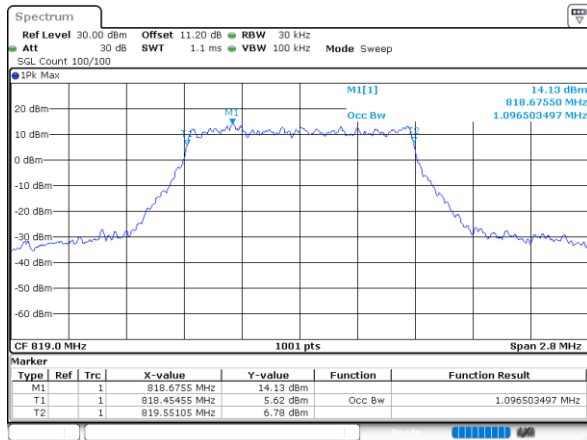


Date: 28.MAY.2024 20:29:54



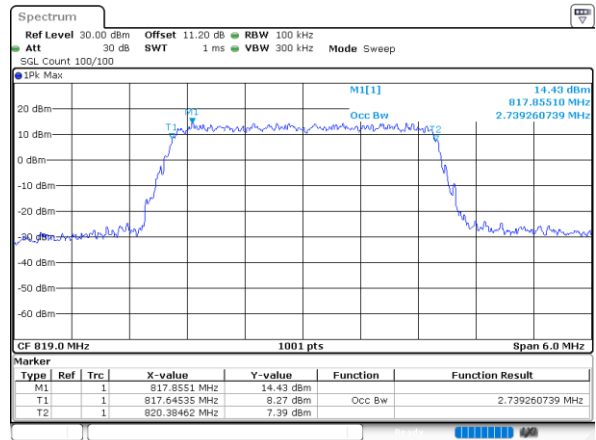
LTE Band 26

Middle Channel / 1.4MHz / 256QAM



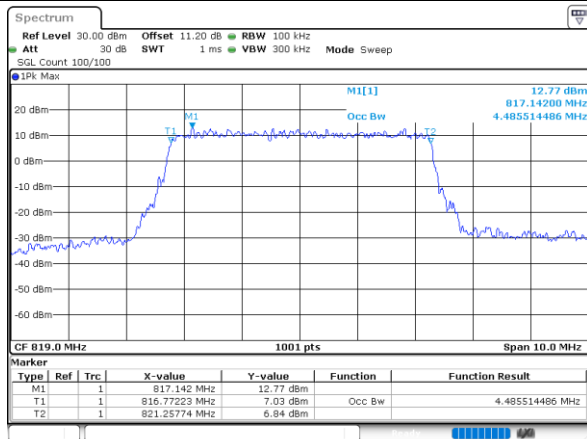
Date: 28.MAY.2024 20:32:37

Middle Channel / 3MHz / 256QAM



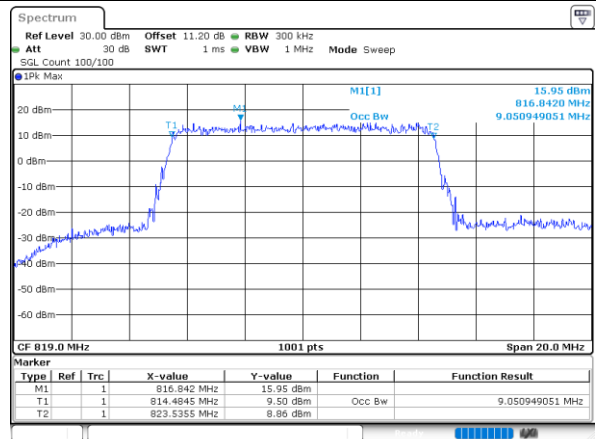
Date: 28.MAY.2024 20:37:48

Middle Channel / 5MHz / 256QAM



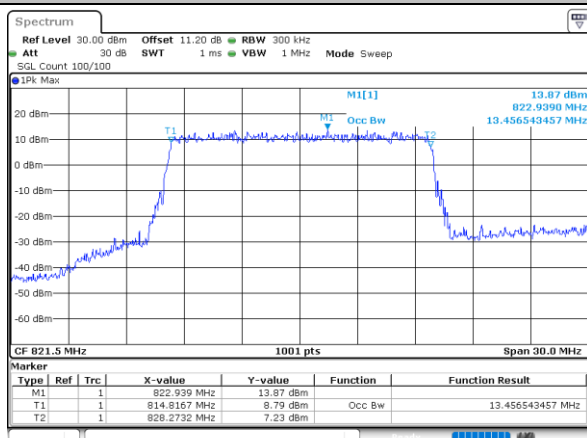
Date: 28.MAY.2024 20:41:57

Middle Channel / 10MHz / 256QAM

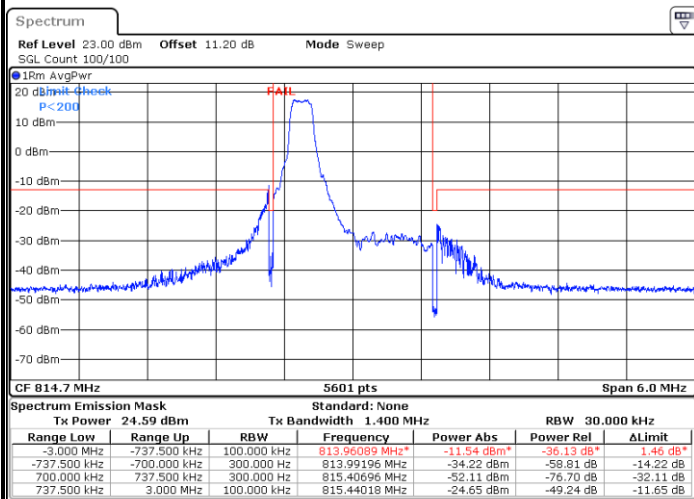
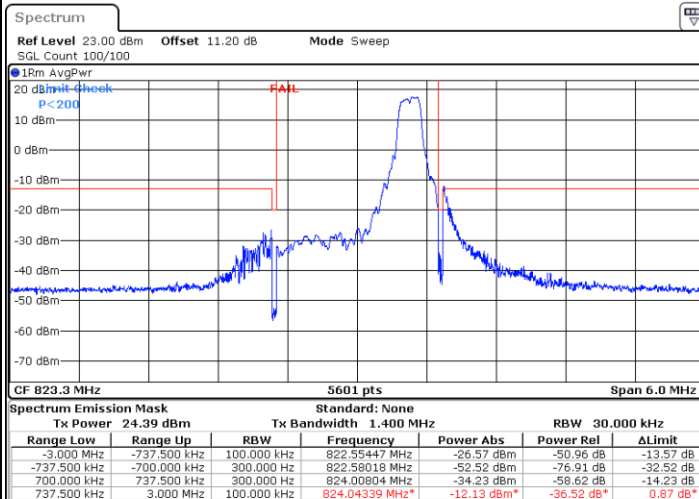
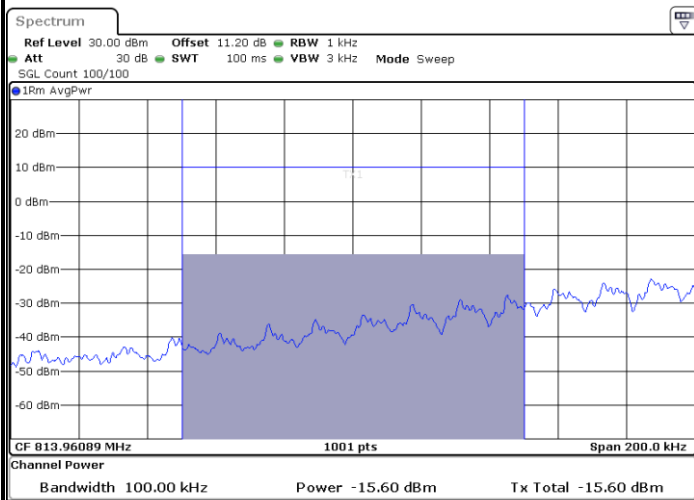
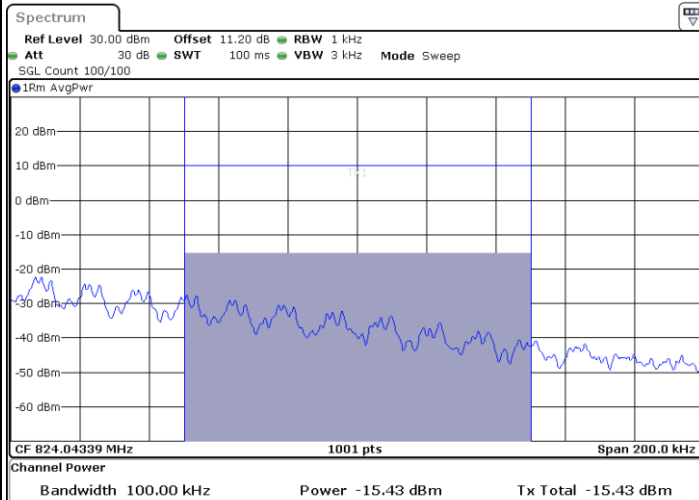


Date: 28.MAY.2024 20:45:16

Low Channel / 15MHz / 256QAM

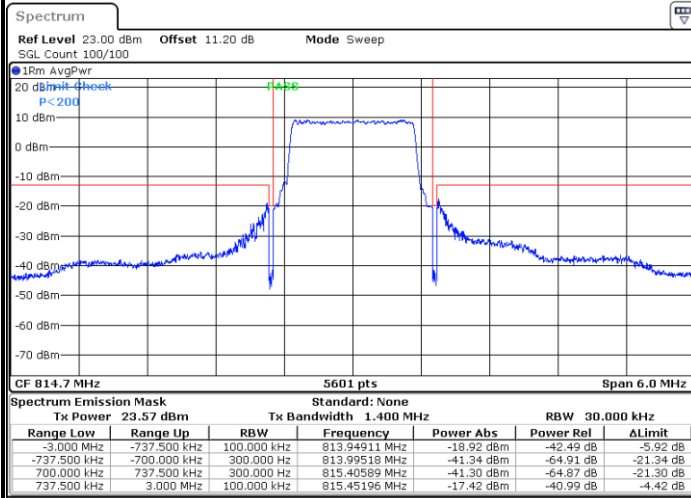


Date: 28.MAY.2024 20:48:05

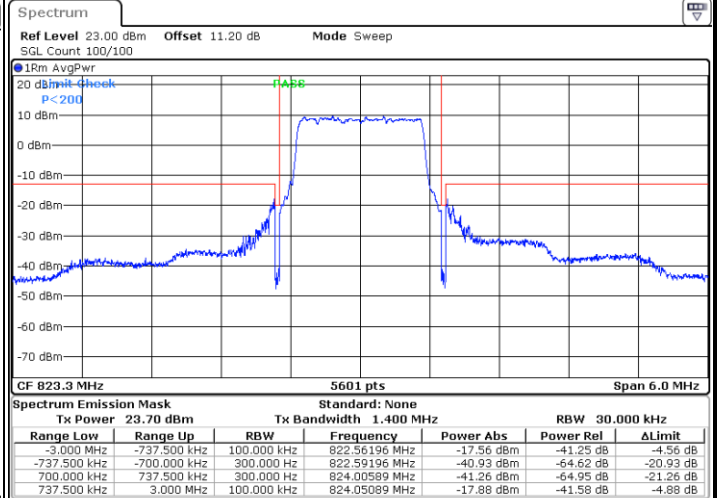
**Emission masks – In-band emissions****LTE Band 26 / 1.4MHz / QPSK****Lowest Channel / 1RB****Highest Channel / 1RB****Power Limit -13dBm > -15.6 dBm Pass****Power Limit -13dBm > -15.43 dBm Pass**



Lowest Channel / Full RB



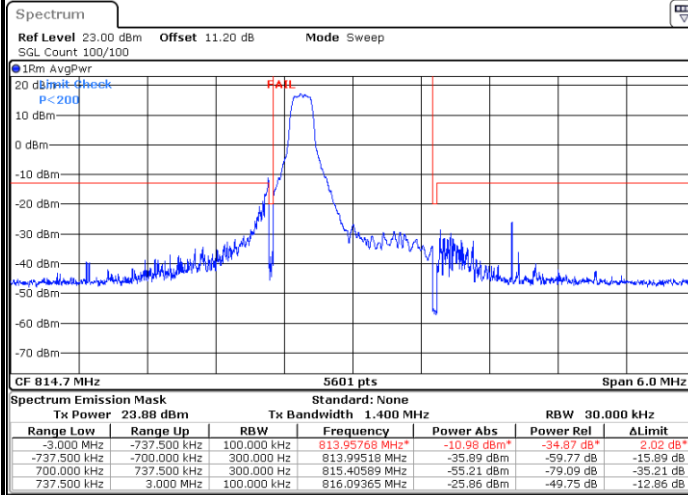
Highest Channel / Full RB



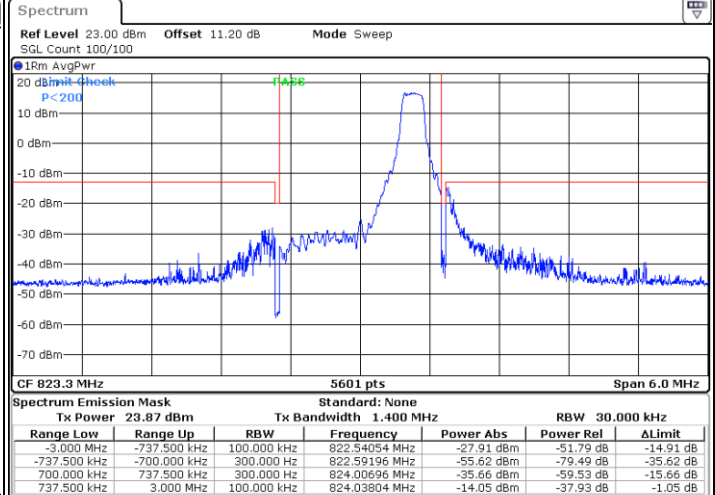


LTE Band 26 / 1.4MHz / 16QAM

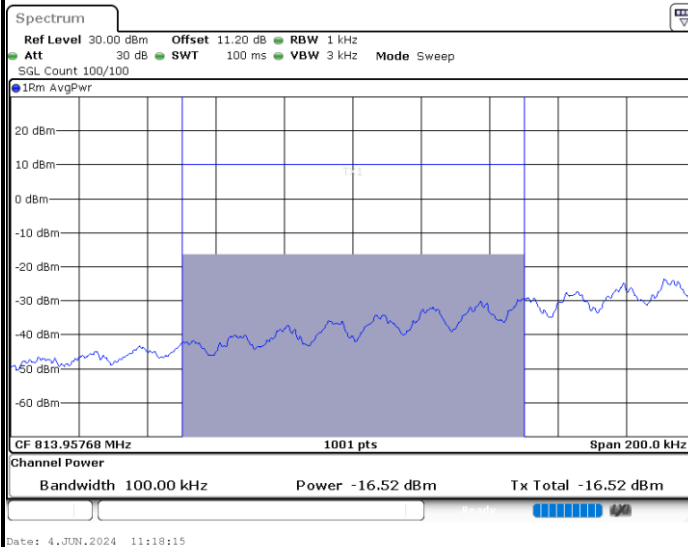
Lowest Channel / 1 RB



Highest Channel / 1 RB



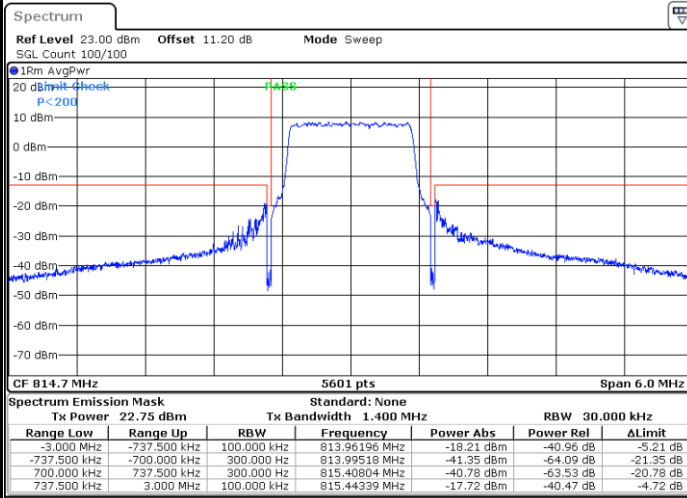
Power Limit -13dBm > -16.52 dBm Pass



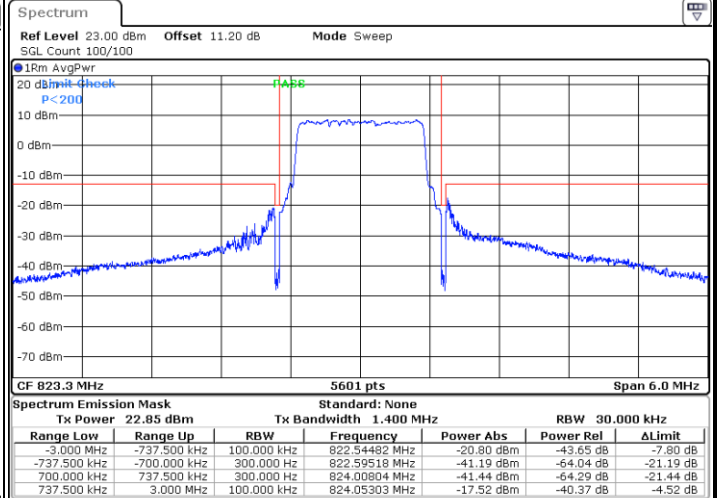
NA



Lowest Channel / Full RB



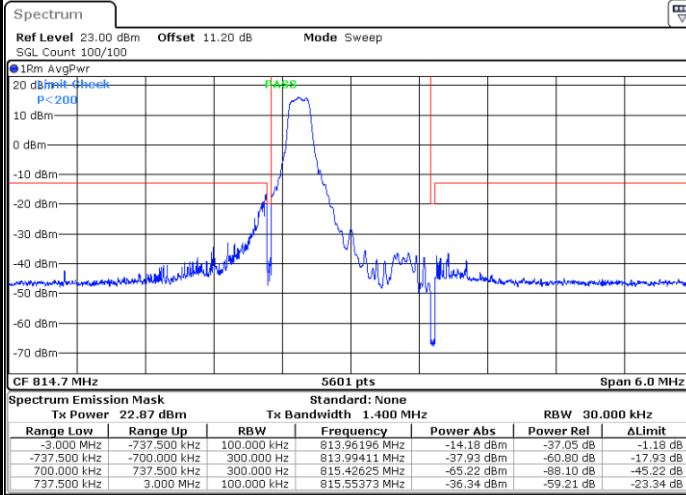
Highest Channel / Full RB



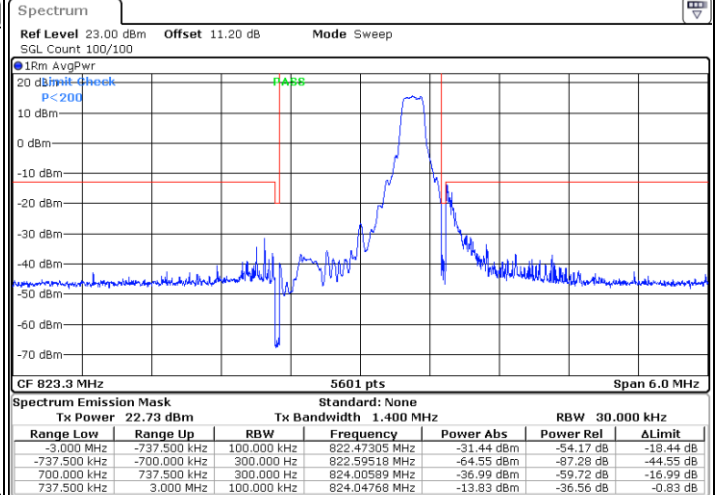


LTE Band 26 / 1.4MHz / 64QAM

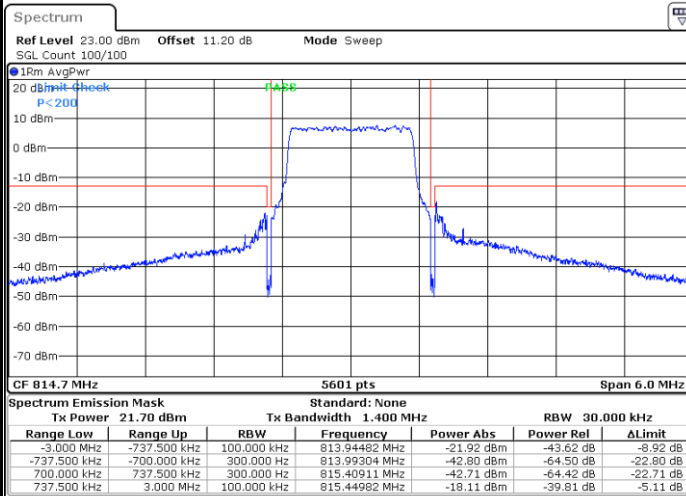
Lowest Channel / 1 RB



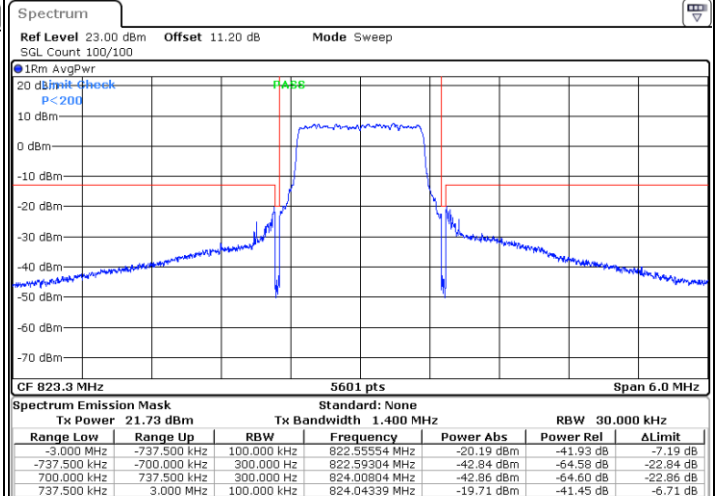
Highest Channel / 1 RB



Lowest Channel / Full RB



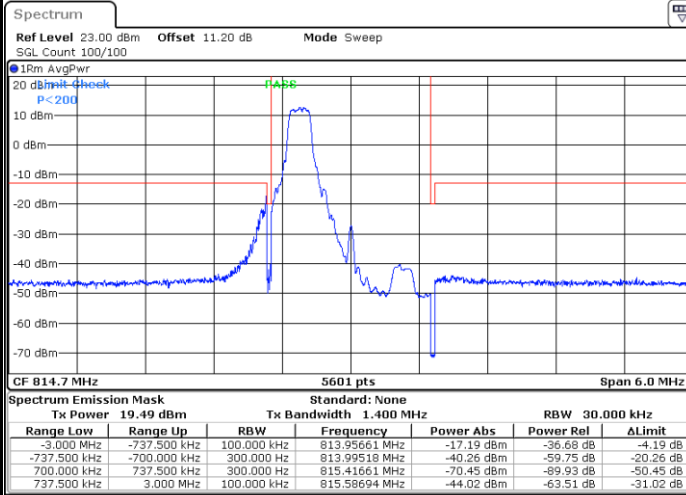
Highest Channel / Full RB



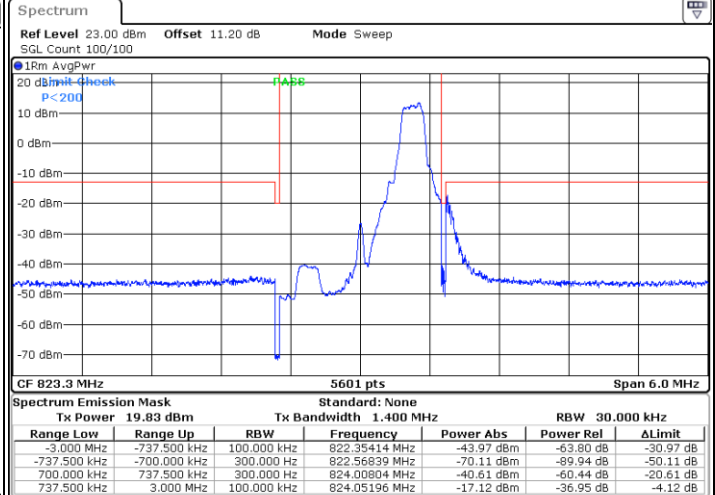


LTE Band 26 / 1.4MHz / 256QAM

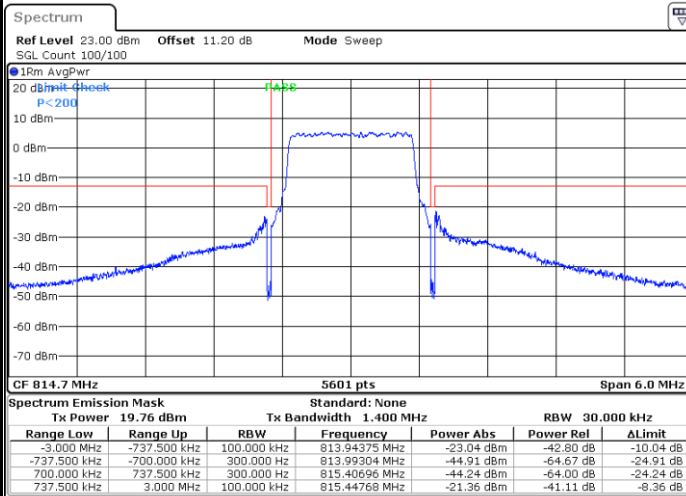
Lowest Channel / 1 RB



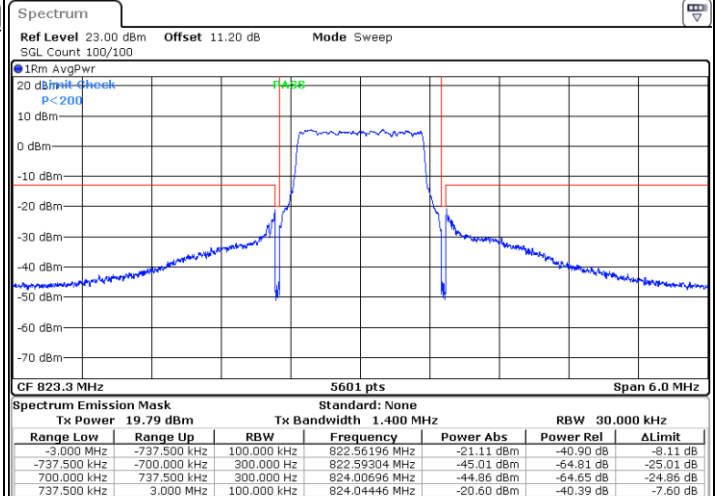
Highest Channel / 1 RB



Lowest Channel / Full RB



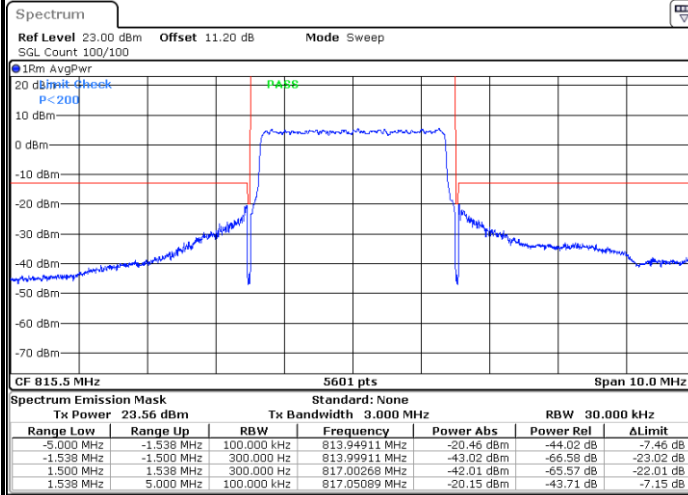
Highest Channel / Full RB



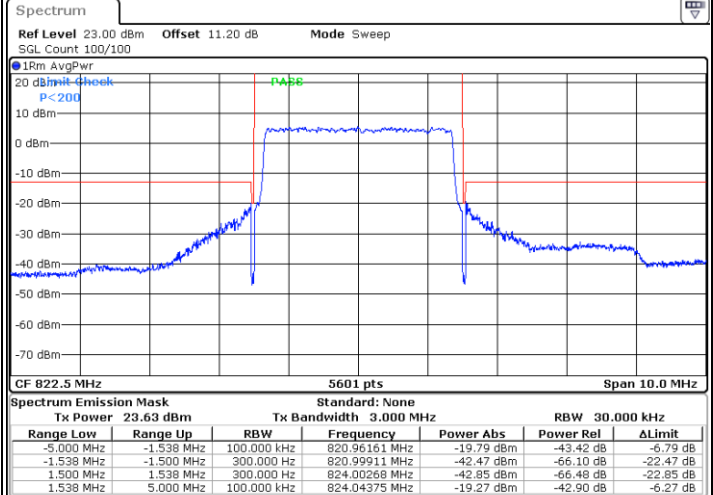


LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB

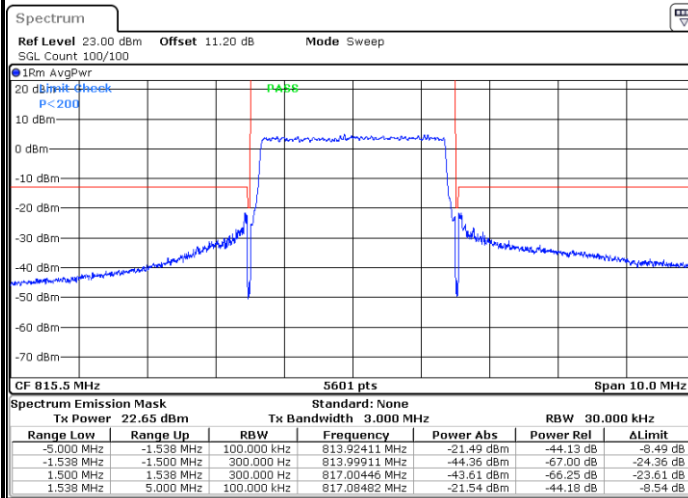


Highest Channel / Full RB

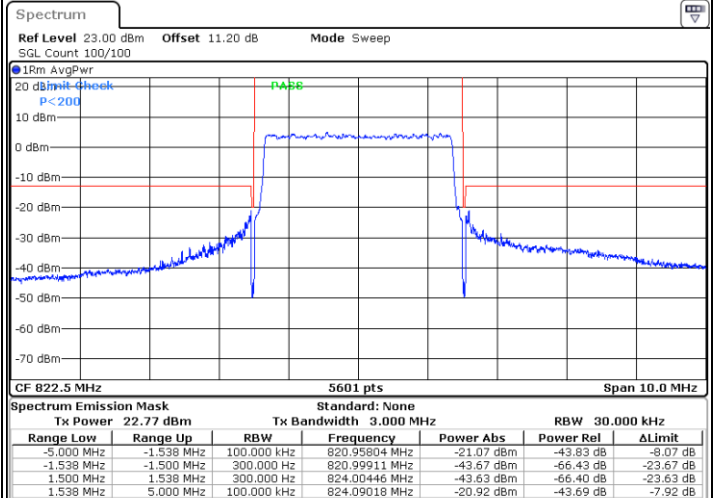


LTE Band 26 / 3MHz / 16QAM

Lowest Channel / Full RB



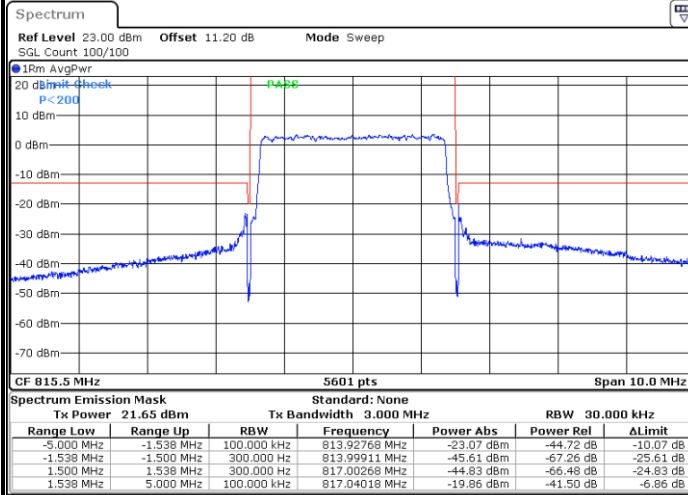
Highest Channel / Full RB



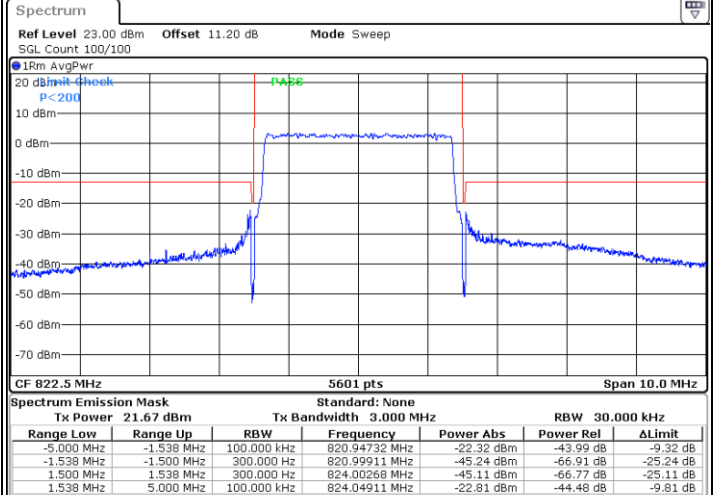


LTE Band 26 / 3MHz / 64QAM

Lowest Channel / Full RB

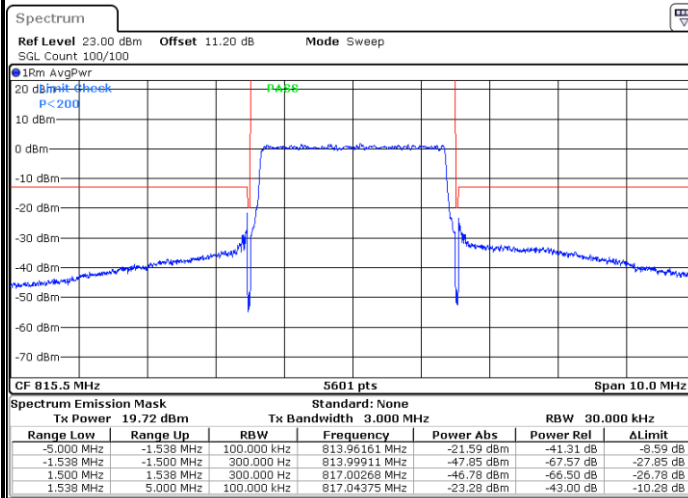


Highest Channel / Full RB

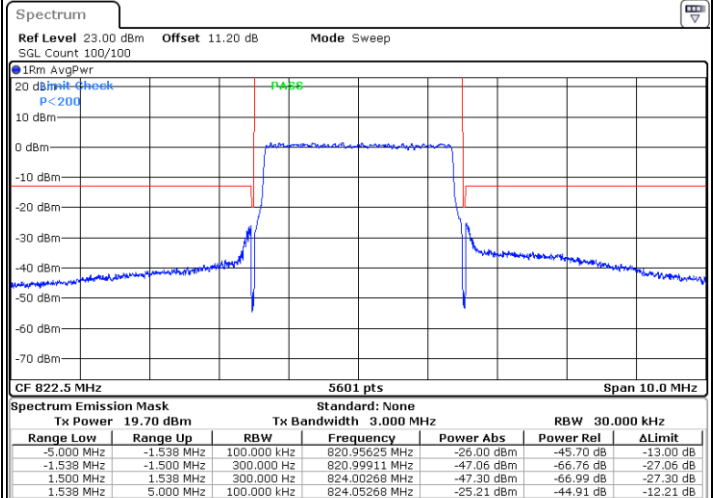


LTE Band 26 / 3MHz / 256QAM

Lowest Channel / Full RB



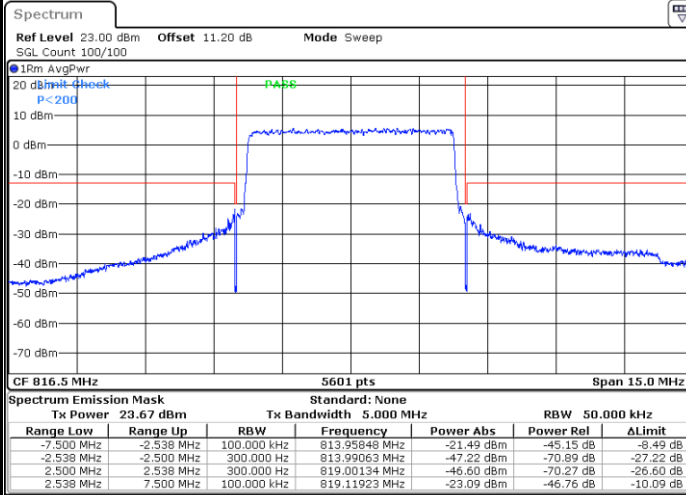
Highest Channel / Full RB



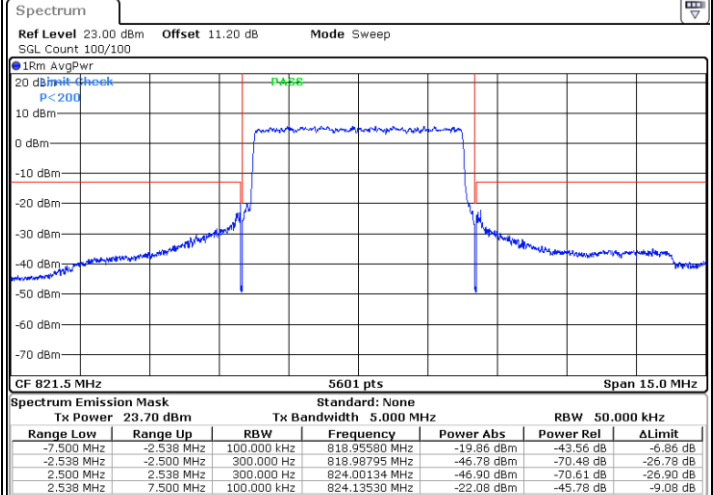


LTE Band 26 / 5MHz / QPSK

Lowest Channel / Full RB

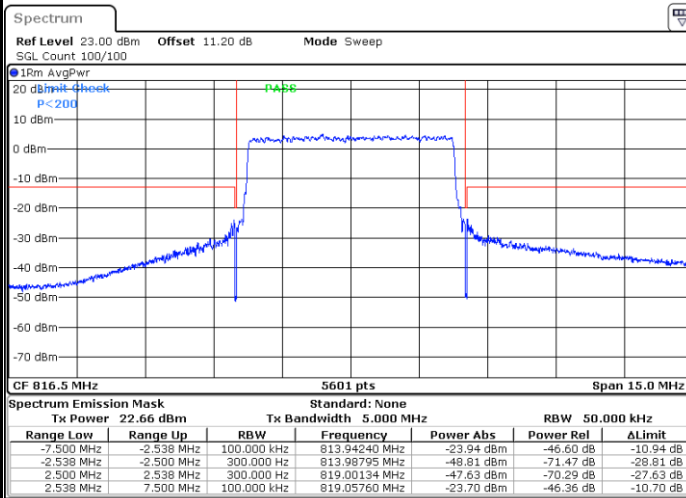


Highest Channel / Full RB

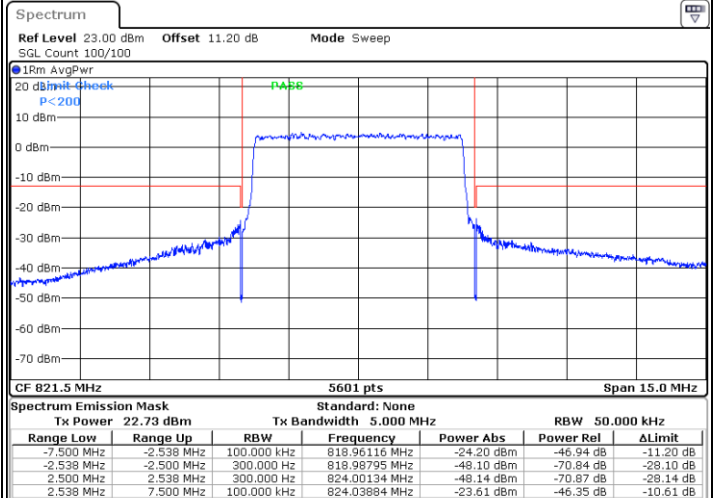


LTE Band 26 / 5MHz / 16QAM

Lowest Channel / Full RB



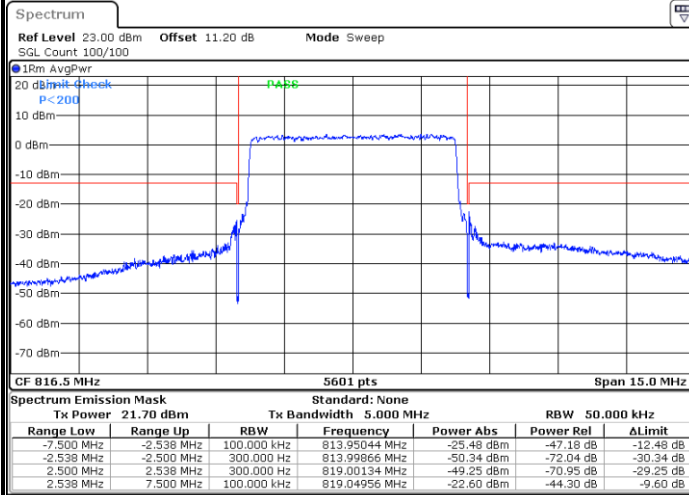
Highest Channel / Full RB



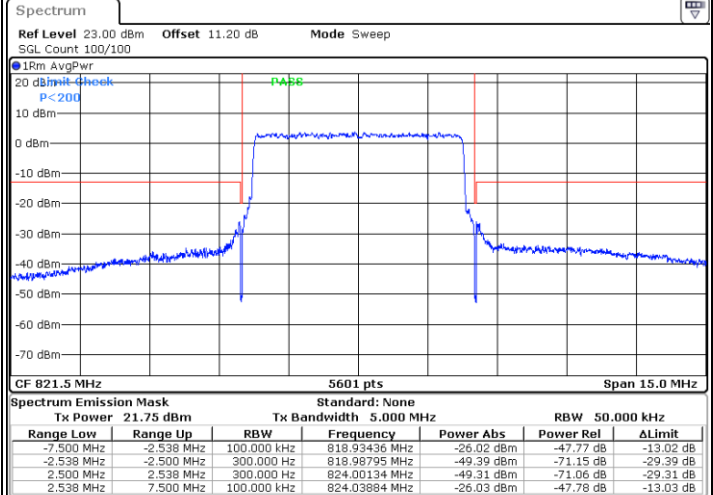


LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB

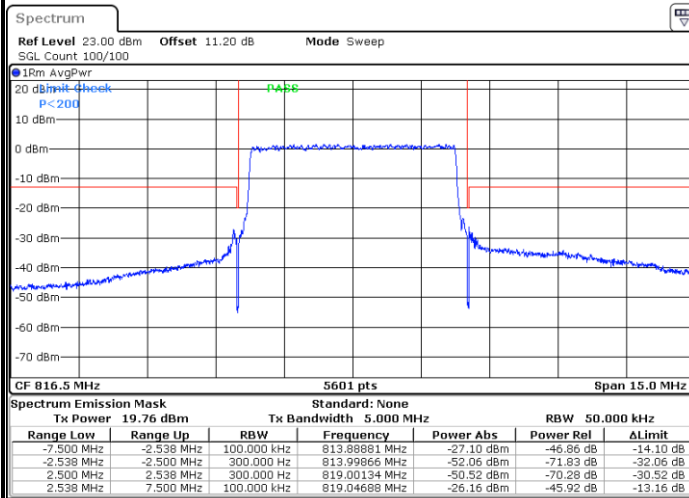


Highest Channel / Full RB

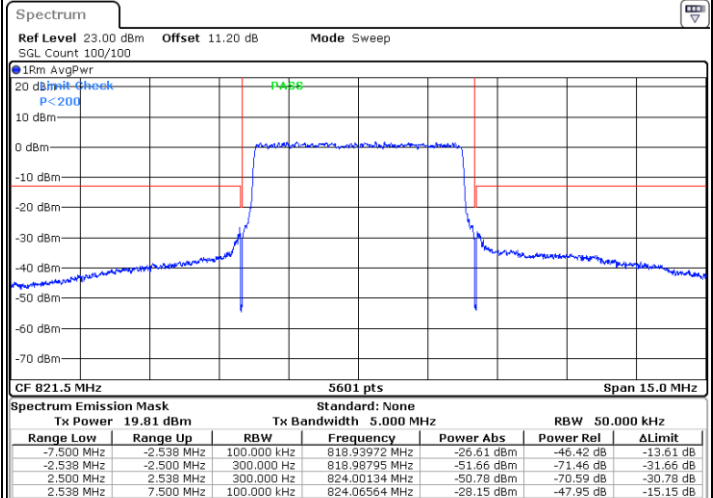


LTE Band 26 / 5MHz / 256QAM

Lowest Channel / Full RB



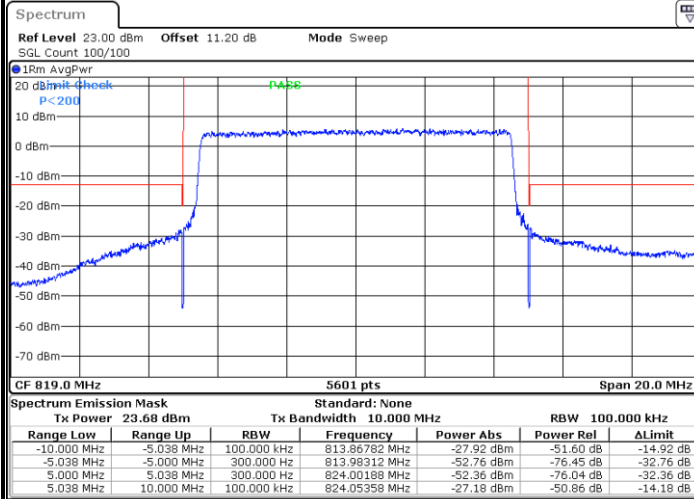
Highest Channel / Full RB





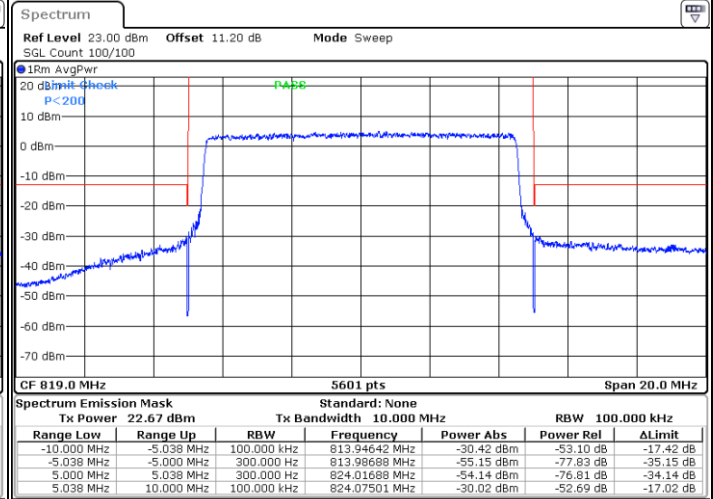
LTE Band 26 / 10MHz / QPSK

Lowest Channel / Full RB



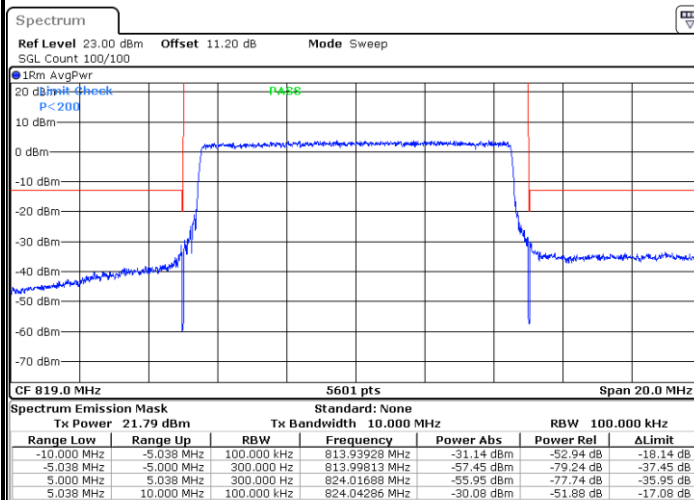
LTE Band 26 / 10MHz / 16QAM

Lowest Channel / Full RB



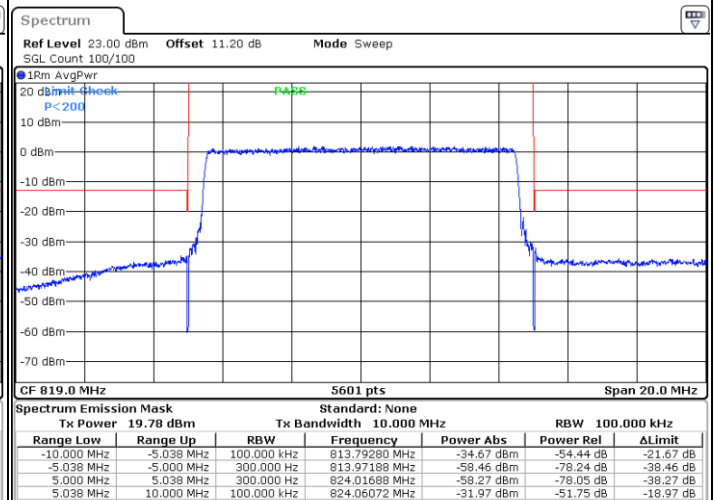
LTE Band 26 / 10MHz / 64QAM

Lowest Channel / Full RB



LTE Band 26 / 10MHz / 256QAM

Lowest Channel / Full RB





LTE Band 26 / 15MHz / QPSK

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.20 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 821.5 MHz

5601 pts

Span 30.0 MHz

Spectrum Emission Mask

Standard: None

Tx Bandwidth 15.000 MHz

RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.95982 MHz	-29.59 dBm	-53.25 dB	-16.59 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-54.50 dBm	-78.16 dB	-34.50 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.00804 MHz	-54.59 dBm	-78.25 dB	-34.59 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.10982 MHz	-29.87 dBm	-53.52 dB	-16.87 dB

Date: 28.MAY.2024 20:20:34

LTE Band 26 / 15MHz / 16QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.20 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 821.5 MHz

5601 pts

Span 30.0 MHz

Spectrum Emission Mask

Standard: None

Tx Bandwidth 15.000 MHz

RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.85804 MHz	-31.61 dBm	-54.27 dB	-18.61 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.99732 MHz	-57.80 dBm	-80.47 dB	-37.80 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.02411 MHz	-56.88 dBm	-79.54 dB	-36.88 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.08839 MHz	-31.43 dBm	-54.10 dB	-18.43 dB

Date: 28.MAY.2024 20:21:27

LTE Band 26 / 15MHz / 64QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.20 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 821.5 MHz

5601 pts

Span 30.0 MHz

Spectrum Emission Mask

Standard: None

Tx Bandwidth 15.000 MHz

RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.92768 MHz	-34.54 dBm	-56.22 dB	-21.54 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-60.09 dBm	-81.77 dB	-40.09 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.00804 MHz	-58.76 dBm	-80.44 dB	-38.76 dB
7.538 MHz	15.000 MHz	100.000 kHz	829.04018 MHz	-32.42 dBm	-54.10 dB	-19.42 dB

Date: 28.MAY.2024 20:29:40

LTE Band 26 / 15MHz / 256QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.20 dB Mode Sweep

SGL Count 100/100

1Rm AvgPwr

20 dBm Check

P<200

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

-70 dBm

CF 821.5 MHz

5601 pts

Span 30.0 MHz

Spectrum Emission Mask

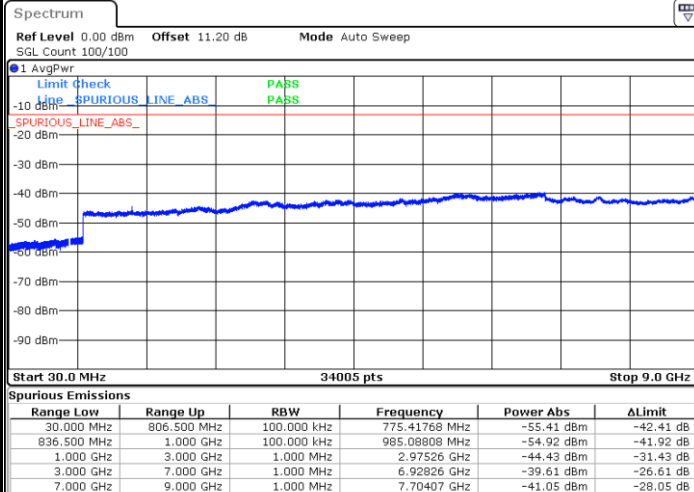
Standard: None

Tx Bandwidth 15.000 MHz

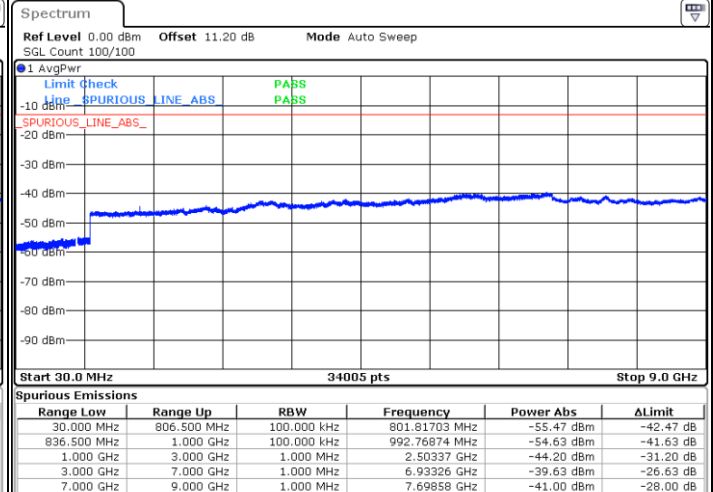
RBW 100.000 kHz

Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-15.000 MHz	-7.538 MHz	100.000 kHz	813.95982 MHz	-37.85 dBm	-57.59 dB	-24.85 dB
-7.538 MHz	-7.500 MHz	300.000 Hz	813.98125 MHz	-62.25 dBm	-81.99 dB	-42.25 dB
-7.500 MHz	7.538 MHz	300.000 Hz	829.00268 MHz	-61.81 dBm	-81.55 dB	-41.81 dB
7.538 MHz	15.000 MHz	100.000 kHz	835.29196 MHz	-36.65 dBm	-56.39 dB	-23.65 dB

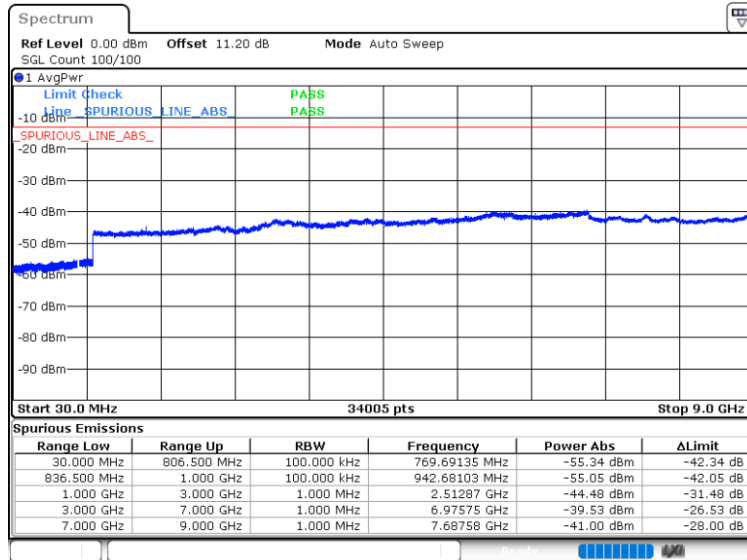
Date: 28.MAY.2024 20:47:51

**Emission masks – Out of band emissions****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK**

Date: 28.MAY.2024 19:44:53

Middle Channel / QPSK

Date: 28.MAY.2024 19:47:49

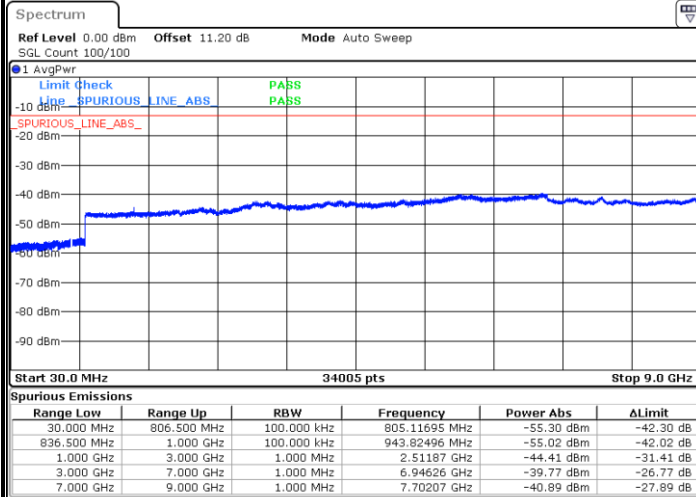
Highest Channel / QPSK

Date: 28.MAY.2024 19:49:03



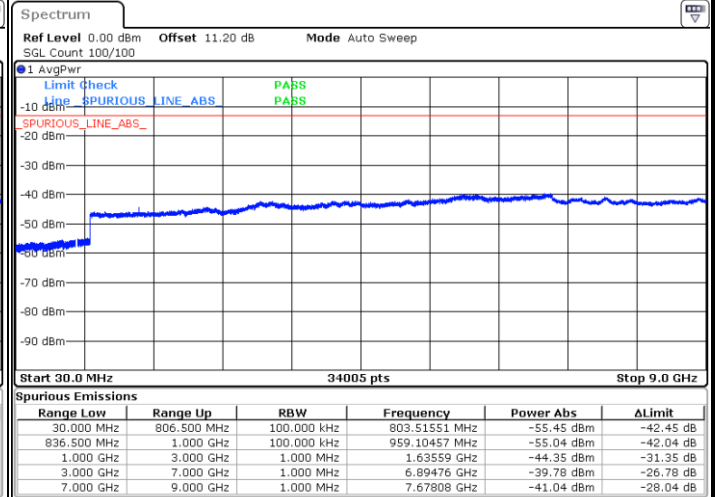
LTE Band 26 / 3MHz

Lowest Channel / QPSK



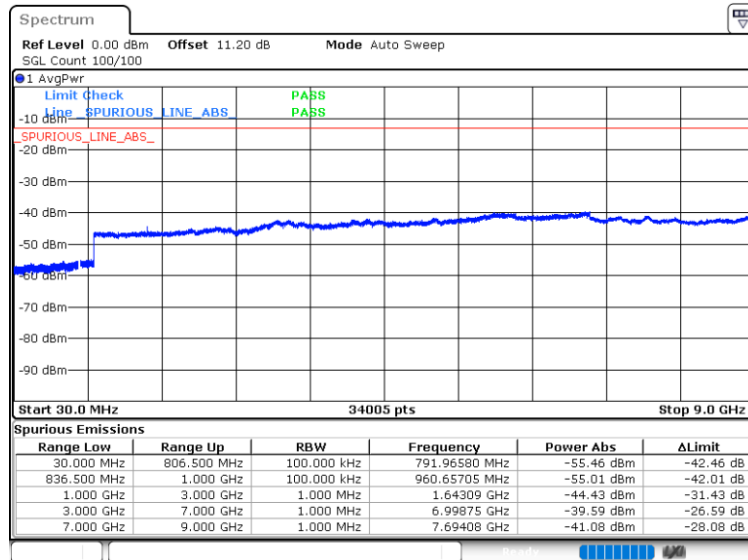
Date: 28.MAY.2024 20:51:29

Middle Channel / QPSK



Date: 28.MAY.2024 20:52:43

Highest Channel / QPSK

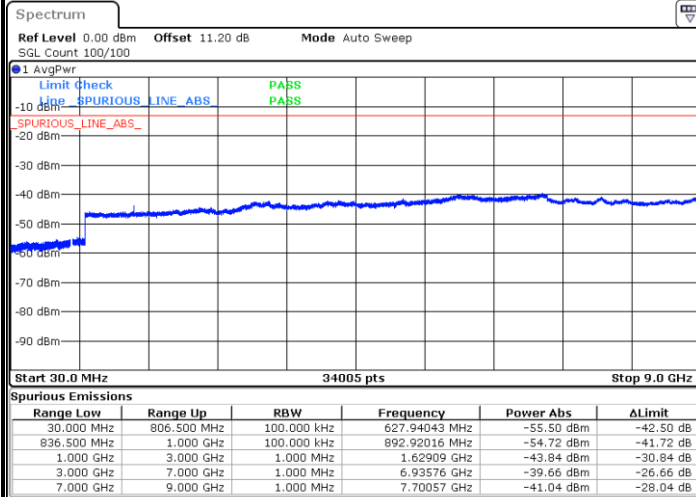


Date: 28.MAY.2024 20:53:56



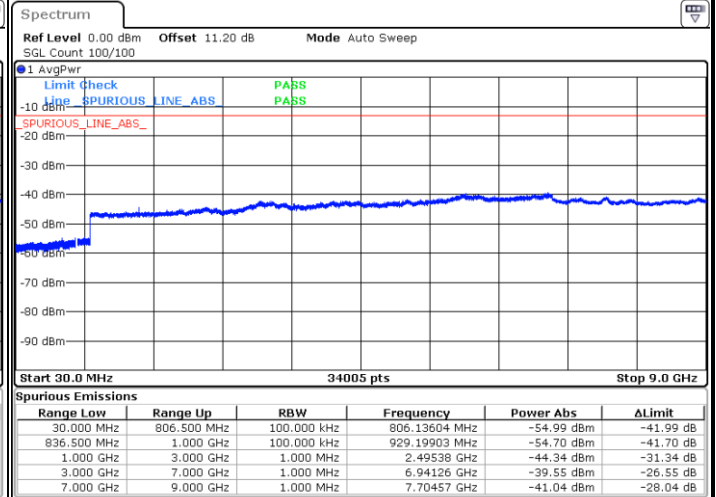
LTE Band 26 / 5MHz

Lowest Channel / QPSK



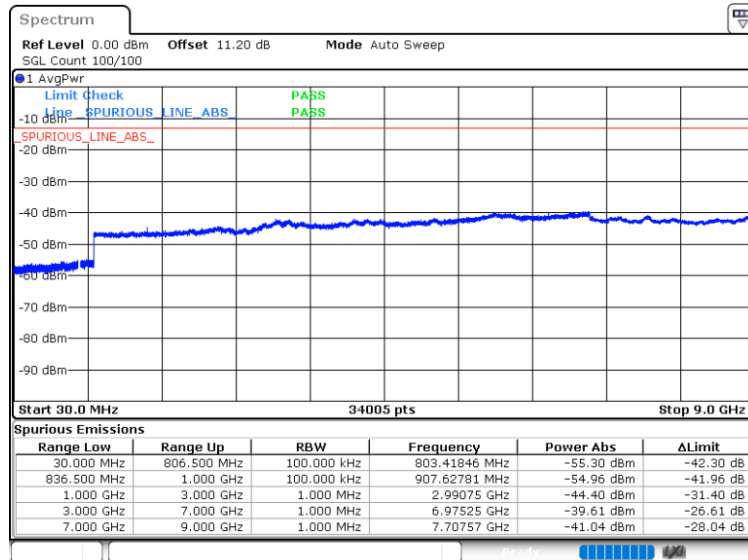
Date: 28.MAY.2024 20:55:53

Middle Channel / QPSK



Date: 28.MAY.2024 20:57:07

Highest Channel / QPSK

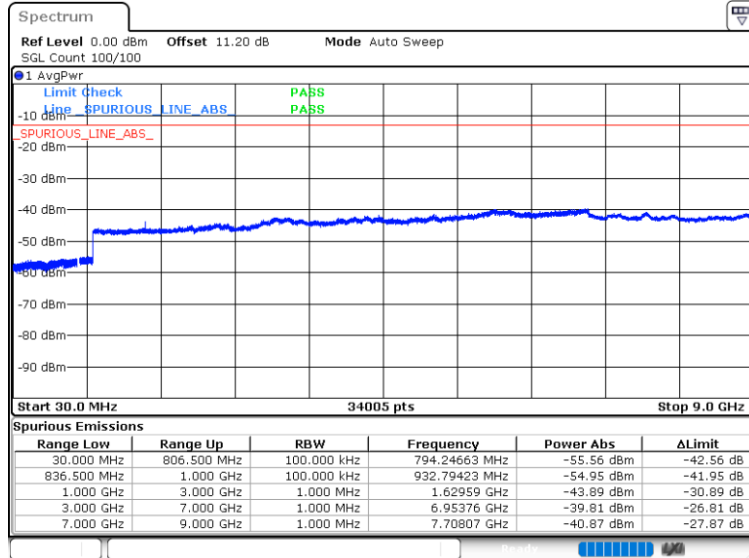


Date: 28.MAY.2024 20:58:21



LTE Band 26 / 10MHz

Middle Channel / QPSK

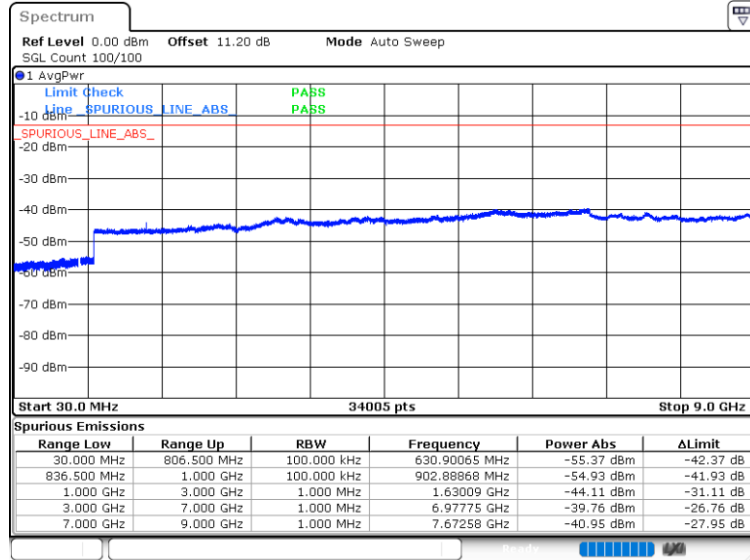


Date: 28.MAY.2024 21:00:18



LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 28.MAY.2024 21:02:15

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0186	PASS
40	Normal Voltage	0.0074	
30	Normal Voltage	0.0143	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0124	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0081	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
2. The frequency fundamental emissions stay within the authorized frequency block.