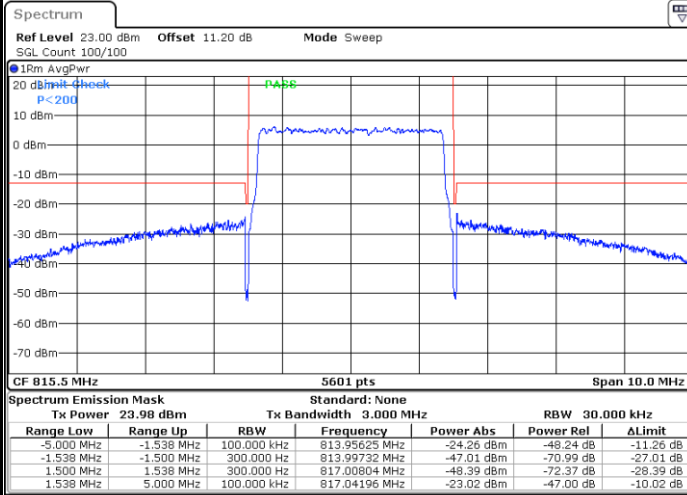


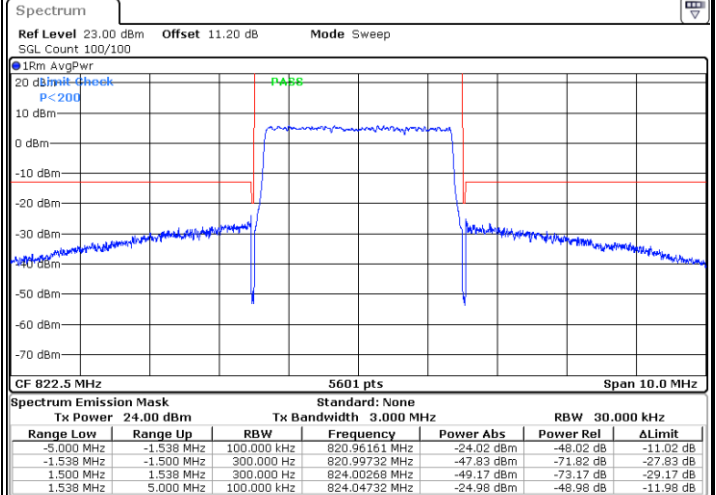


LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB

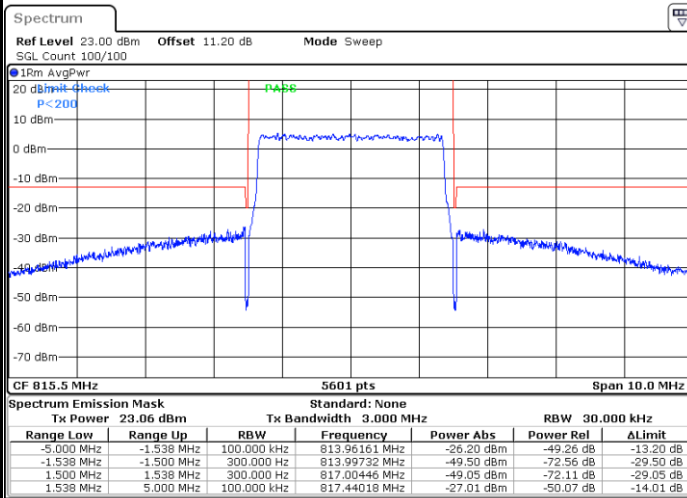


Highest Channel / Full RB

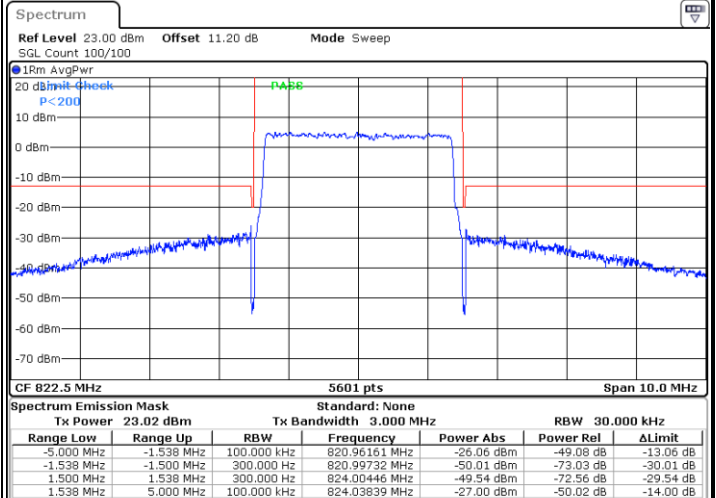


LTE Band 26 / 3MHz / 16QAM

Lowest Channel / Full RB



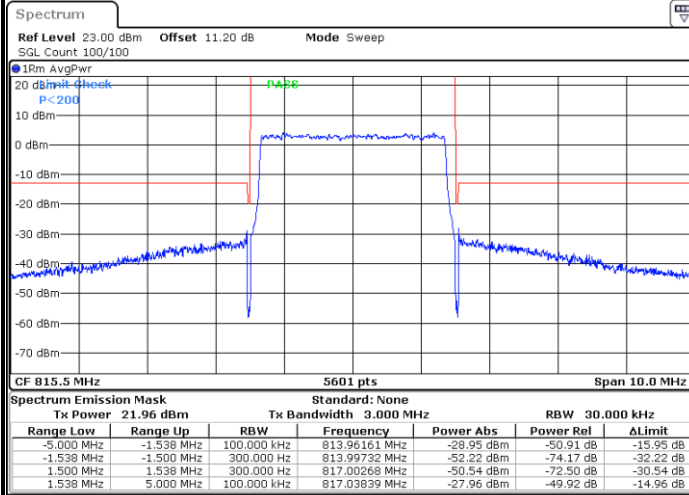
Highest Channel / Full RB



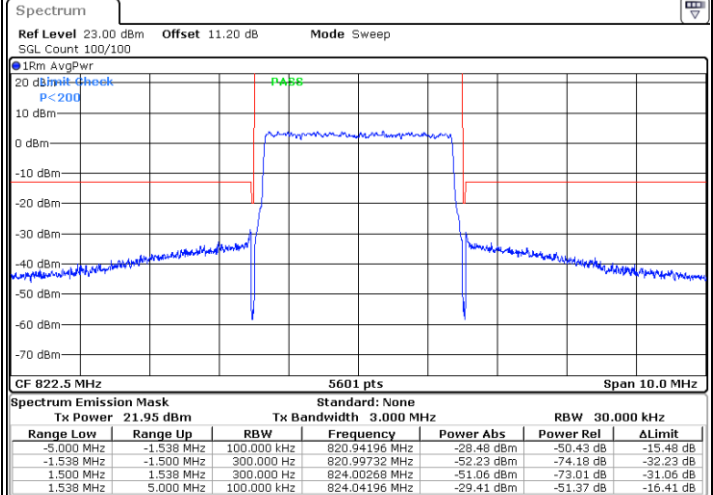


LTE Band 26 / 3MHz / 64QAM

Lowest Channel / Full RB

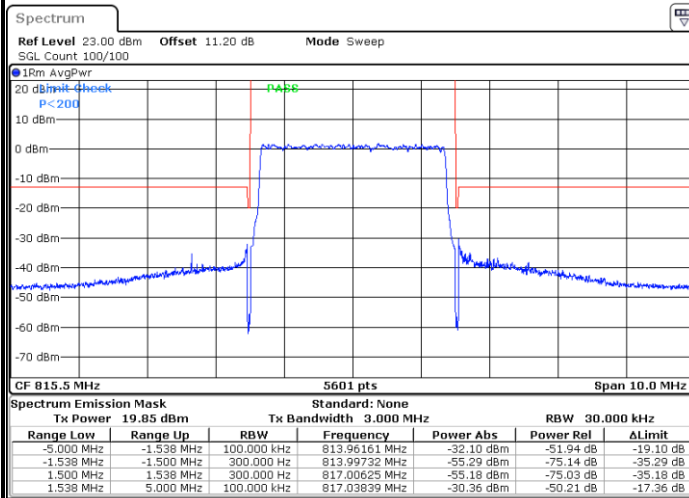


Highest Channel / Full RB

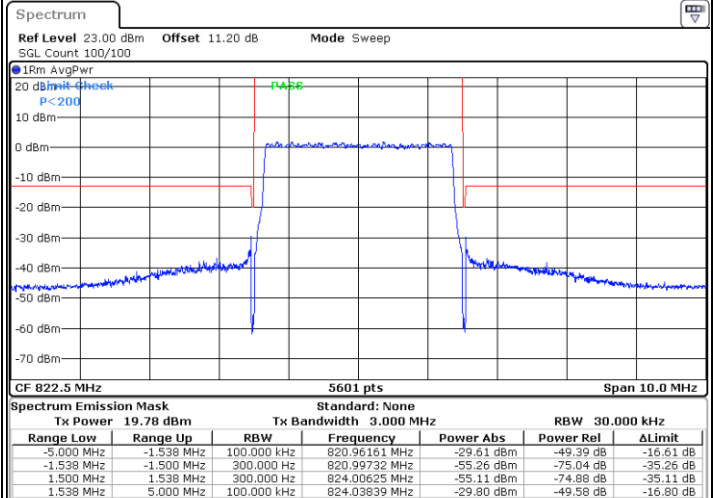


LTE Band 26 / 3MHz / 256QAM

Lowest Channel / Full RB



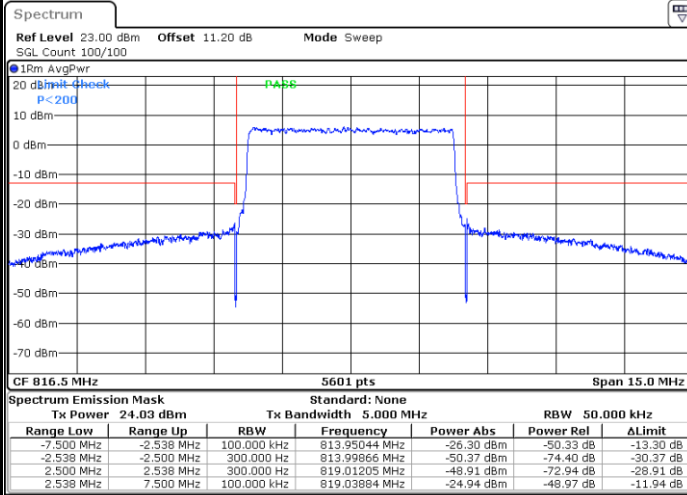
Highest Channel / Full RB



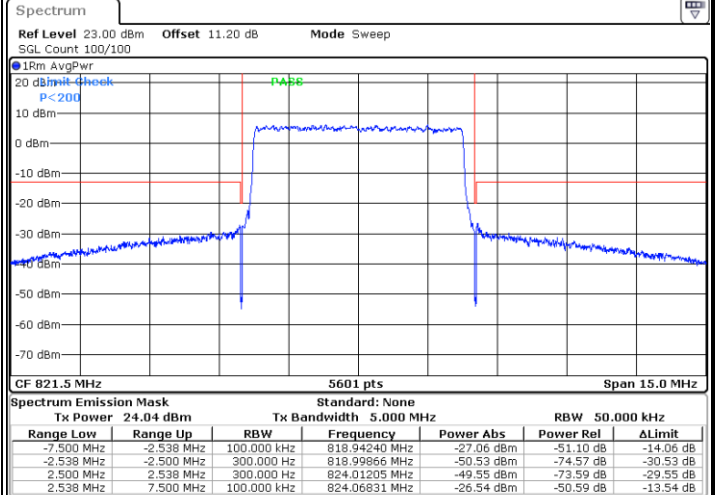


LTE Band 26 / 5MHz / QPSK

Lowest Channel / Full RB

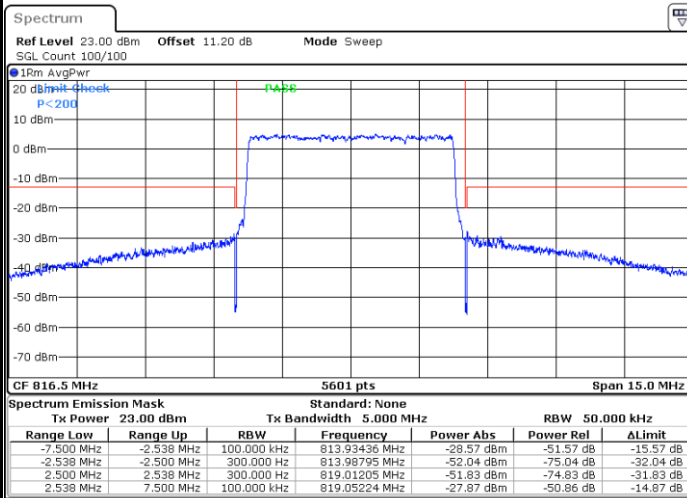


Highest Channel / Full RB

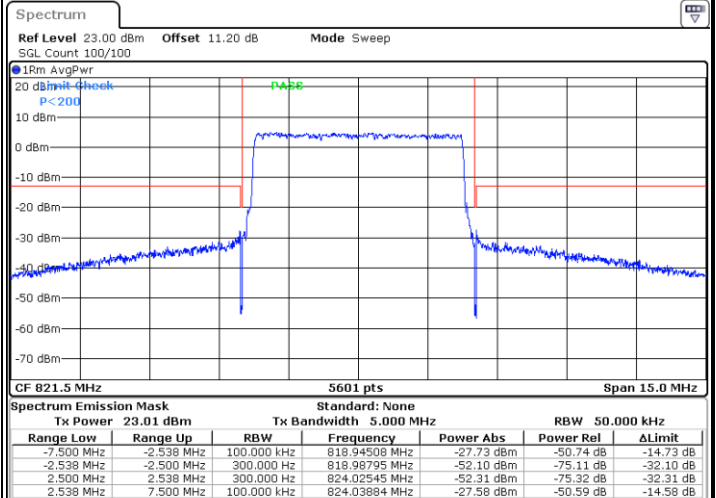


LTE Band 26 / 5MHz / 16QAM

Lowest Channel / Full RB



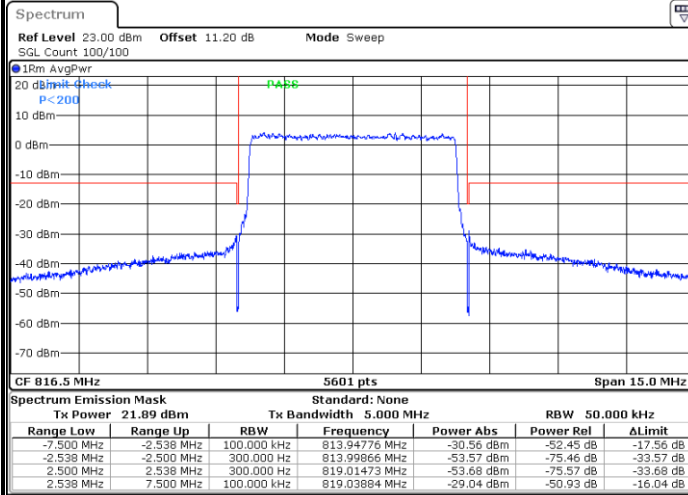
Highest Channel / Full RB



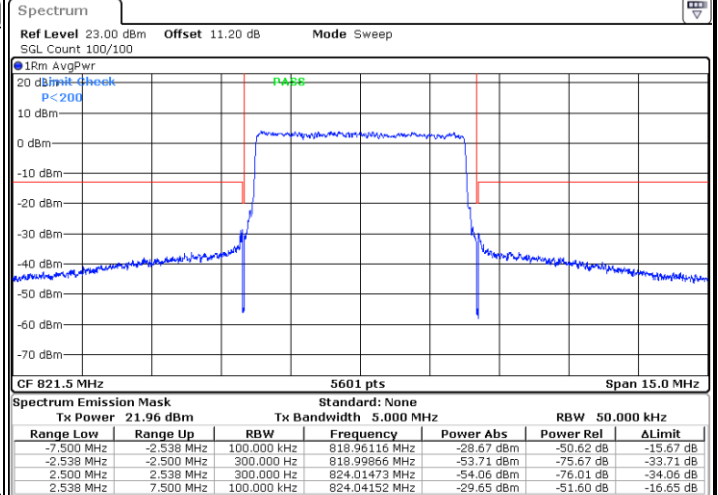


LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB

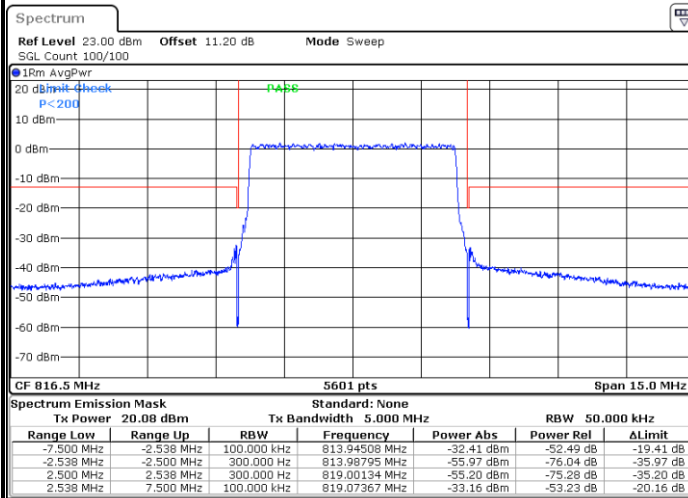


Highest Channel / Full RB

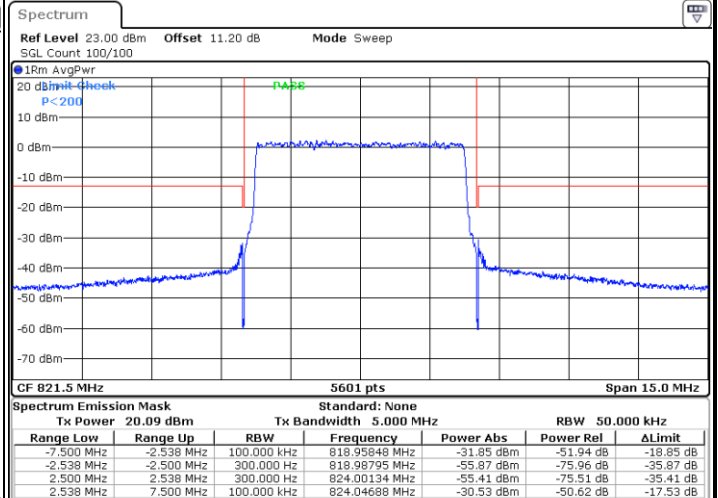


LTE Band 26 / 5MHz / 256QAM

Lowest Channel / Full RB



Highest Channel / Full RB

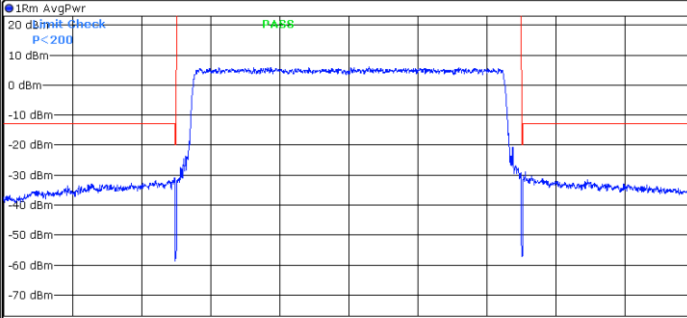




LTE Band 26 / 10MHz / QPSK

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.20 dB Mode Sweep
SGL Count 100/100

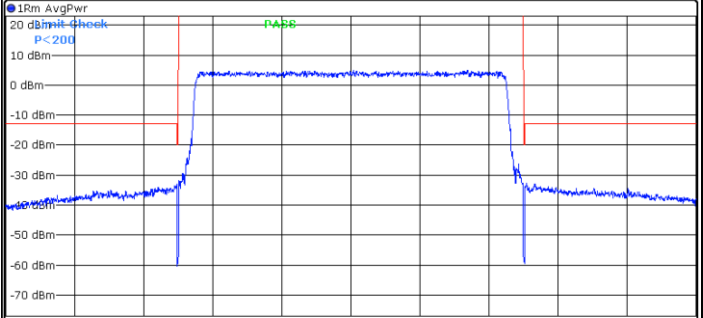
CF 819.0 MHz			5601 pts		Span 20.0 MHz		
Spectrum Emission Mask							
Standard: None							
Tx Power 23.99 dBm							
Tx Bandwidth 10.000 MHz							
RBW 100.000 kHz							
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit	
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95357 MHz	-30.85 dBm	-54.84 dB	-17.85 dB	
-5.038 MHz	-5.000 MHz	300.000 Hz	813.98312 MHz	-55.51 dBm	-79.51 dB	-35.51 dB	
5.000 MHz	5.038 MHz	300.000 Hz	824.01688 MHz	-53.81 dBm	-77.81 dB	-33.81 dB	
5.038 MHz	10.000 MHz	100.000 kHz	824.11431 MHz	-52.77 dBm	-52.76 dB	-15.77 dB	

Date: 13.MAY.2024 23:51:26

LTE Band 26 / 10MHz / 16QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.20 dB Mode Sweep
SGL Count 100/100

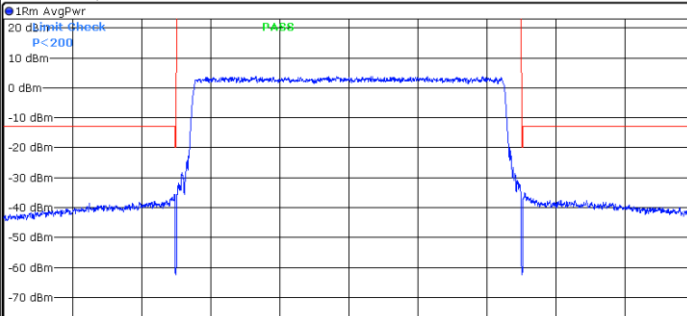
CF 819.0 MHz			5601 pts		Span 20.0 MHz		
Spectrum Emission Mask			Standard: None				
Tx Power 22.93 dBm			Tx Bandwidth 10.000 MHz				
RBW 100.000 kHz							
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit	
-10.000 MHz	-5.038 MHz	100.000 kHz	813.96071 MHz	-32.91 dBm	-55.84 dB	-19.91 dB	
-5.038 MHz	-5.000 MHz	300.000 Hz	813.99437 MHz	-57.32 dBm	-80.26 dB	-37.32 dB	
5.000 MHz	5.038 MHz	300.000 Hz	824.00188 MHz	-57.32 dBm	-80.25 dB	-37.32 dB	
5.038 MHz	10.000 MHz	100.000 kHz	824.08573 MHz	-52.82 dBm	-75.75 dB	-19.82 dB	

Date: 13.MAY.2024 23:52:18

LTE Band 26 / 10MHz / 64QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.20 dB Mode Sweep
SGL Count 100/100

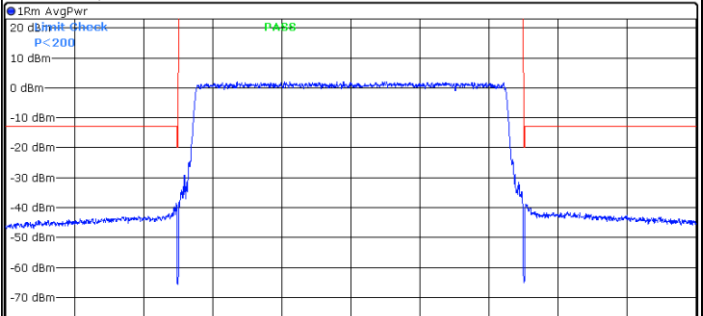
CF 819.0 MHz			5601 pts			Span 20.0 MHz		
Spectrum Emission Mask			Standard: None					
Tx Power 21.92 dBm			Tx Bandwidth 10.000 MHz			RBW 100.000 kHz		
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit		
-10.000 MHz	-5.038 MHz	100.000 kHz	813.95688 MHz	-35.59 dBm	-57.51 dB	-22.59 dB		
-5.038 MHz	5.000 MHz	300.000 Hz	813.96688 MHz	-59.95 dBm	-81.87 dB	-39.95 dB		
5.000 MHz	5.038 MHz	300.000 Hz	824.01313 MHz	-59.77 dBm	-81.69 dB	-39.77 dB		
5.038 MHz	10.000 MHz	100.000 kHz	824.08573 MHz	-34.89 dBm	-56.81 dB	-21.89 dB		

Date: 14.MAY.2024 00:01:55

LTE Band 26 / 10MHz / 256QAM

Lowest Channel / Full RB

Spectrum

Ref Level 23.00 dBm Offset 11.20 dB Mode Sweep
SGL Count 100/100

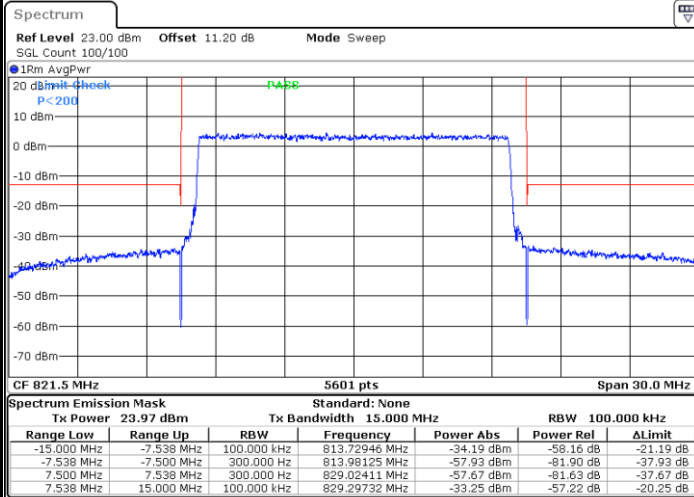
CF 819.0 MHz			5601 pts		Span 20.0 MHz	
Spectrum Emission Mask			Standard: None			
Tx Power 20.12 dBm		Tx Bandwidth 10.000 MHz				
		RBW 100.000 kHz				
Range Low	Range Up	RBW	Frequency	Power Abs	Power Rel	ΔLimit
-10.000 MHz	-5.038 MHz	100.000 kHz	813.92856 MHz	-38.38 dBm	-58.50 dB	-25.38 dB
-5.038 MHz	-5.000 MHz	300.000 Hz	813.98688 MHz	-63.26 dBm	-83.39 dB	-43.26 dB
5.000 MHz	5.038 MHz	300.000 Hz	824.03188 MHz	-62.32 dBm	-82.45 dB	-42.32 dB
5.038 MHz	10.000 MHz	100.000 kHz	824.06430 MHz	-38.66 dBm	-58.78 dB	-25.66 dB

Date: 14.MAY.2024 00:40:02



LTE Band 26 / 15MHz / QPSK

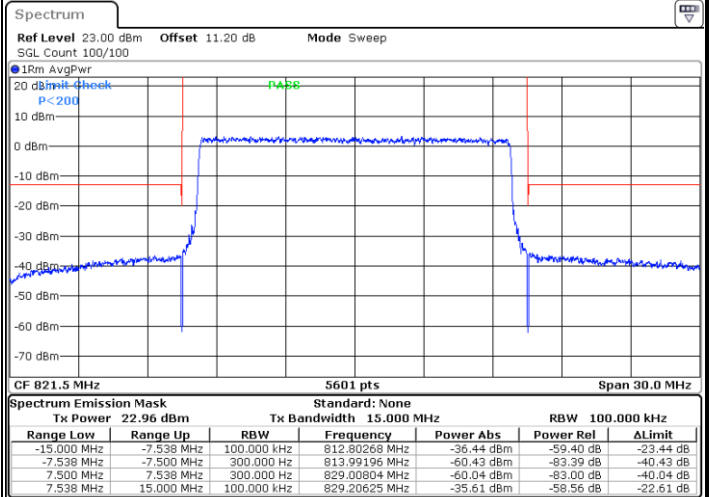
Lowest Channel / Full RB



Date: 13.MAY.2024 23:56:42

LTE Band 26 / 15MHz / 16QAM

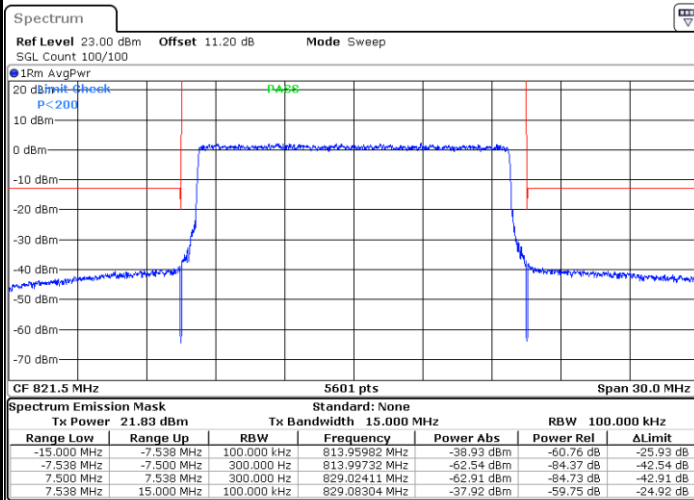
Lowest Channel / Full RB



Date: 13.MAY.2024 23:57:33

LTE Band 26 / 15MHz / 64QAM

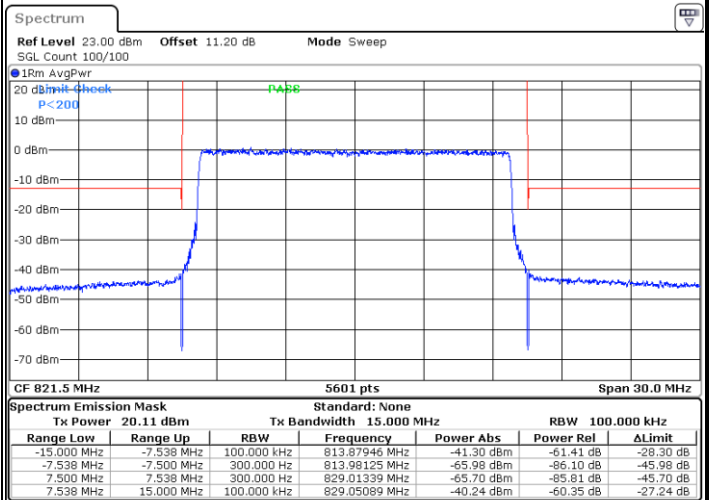
Lowest Channel / Full RB



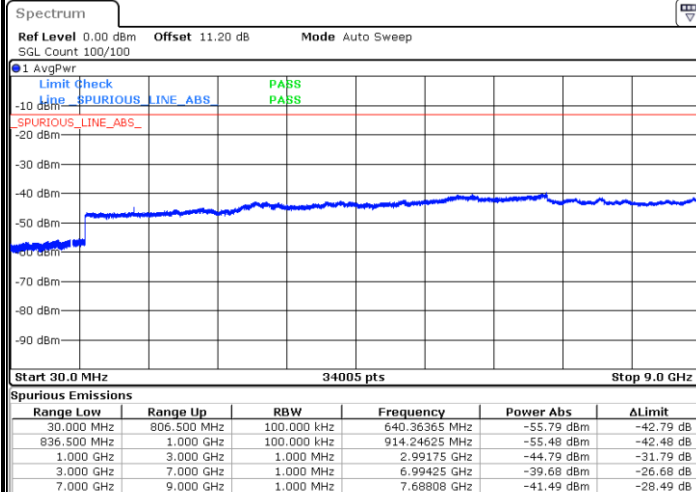
Date: 14.MAY.2024 00:02:48

LTE Band 26 / 15MHz / 256QAM

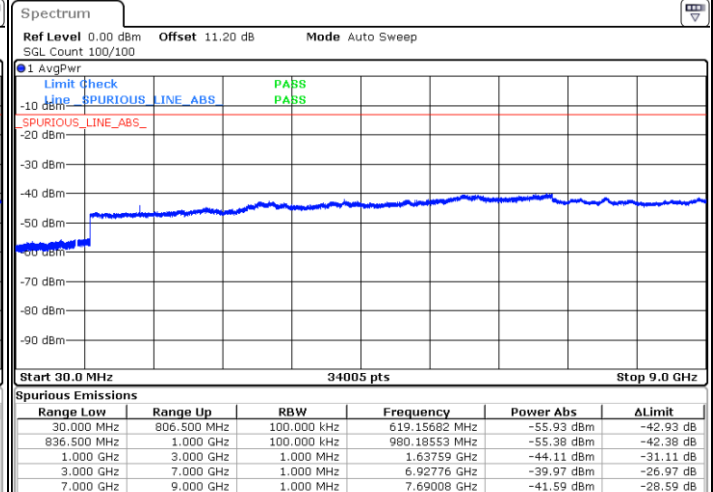
Lowest Channel / Full RB



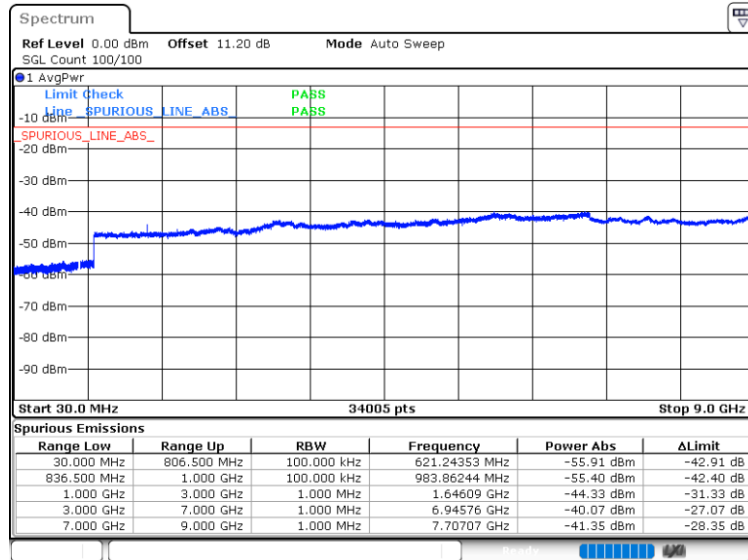
Date: 14.MAY.2024 00:40:57

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

Date: 13.MAY.2024 23:24:47

Middle Channel / QPSK

Date: 13.MAY.2024 23:27:32

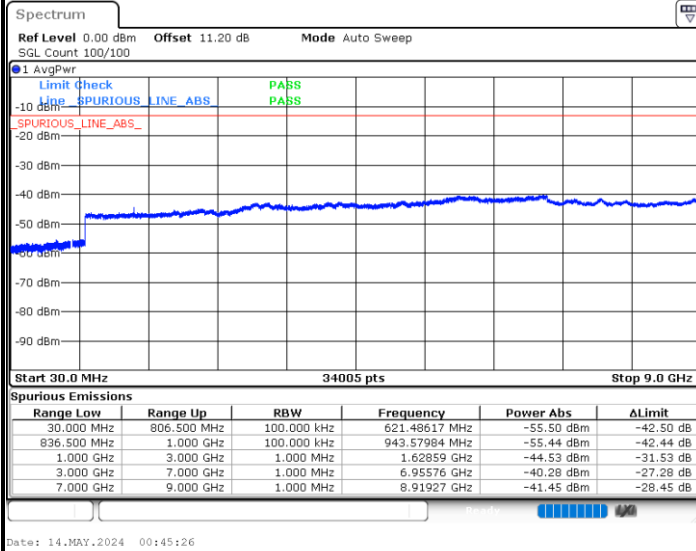
Highest Channel / QPSK

Date: 13.MAY.2024 23:28:43

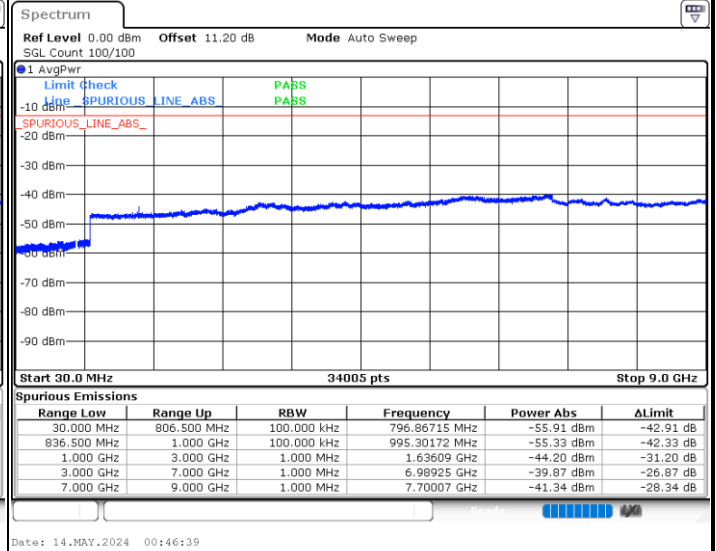


LTE Band 26 / 3MHz

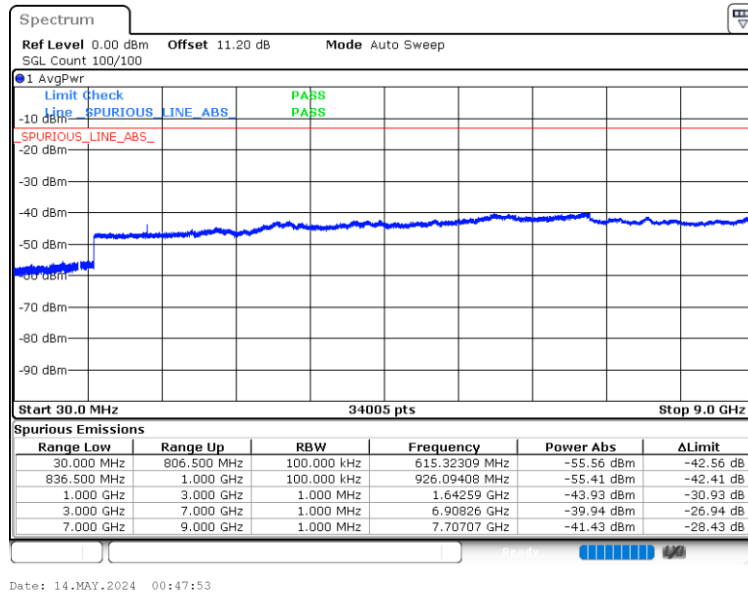
Lowest Channel / QPSK



Middle Channel / QPSK



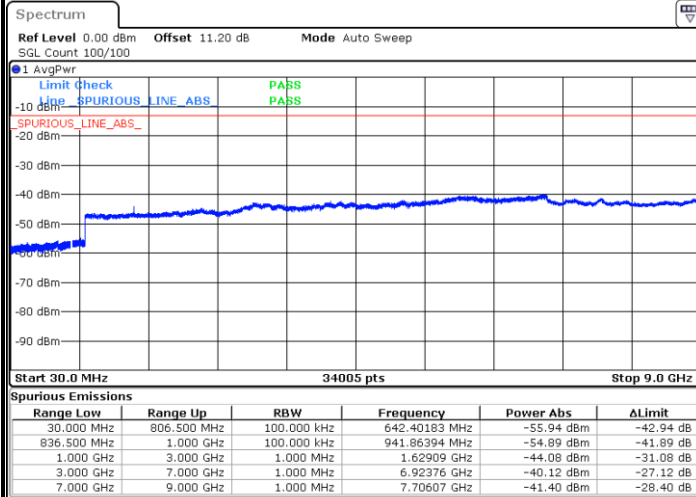
Highest Channel / QPSK





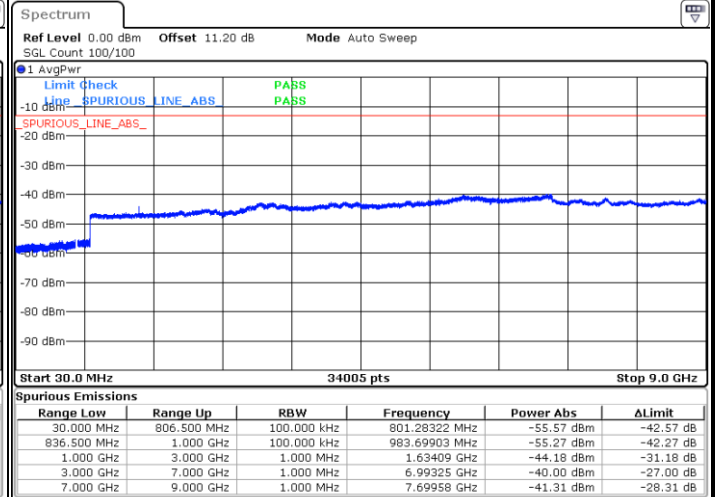
LTE Band 26 / 5MHz

Lowest Channel / QPSK



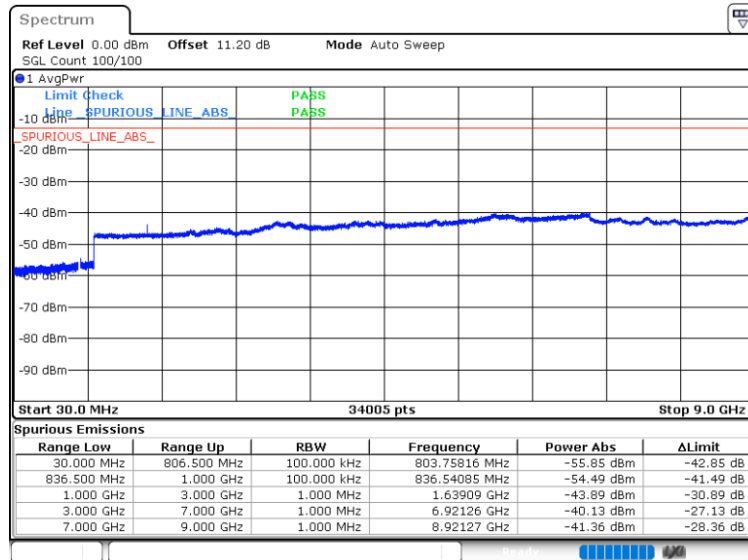
Date: 14.MAY.2024 00:49:49

Middle Channel / QPSK



Date: 14.MAY.2024 00:51:03

Highest Channel / QPSK

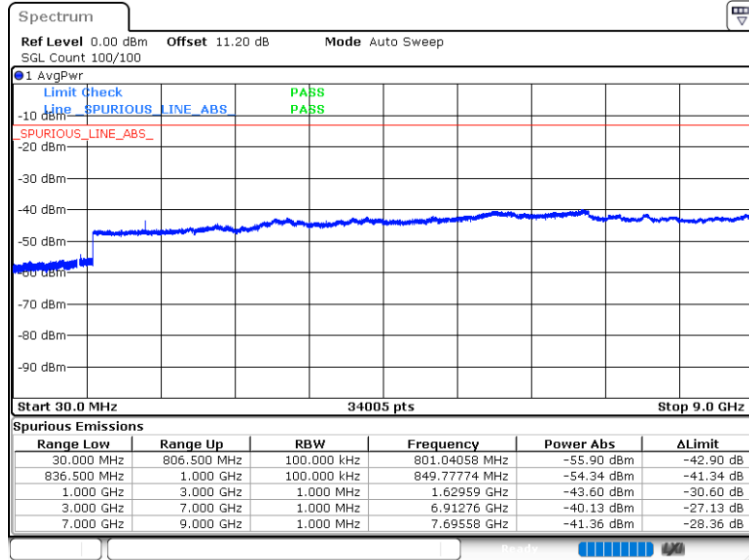


Date: 14.MAY.2024 00:52:16



LTE Band 26 / 10MHz

Middle Channel / QPSK

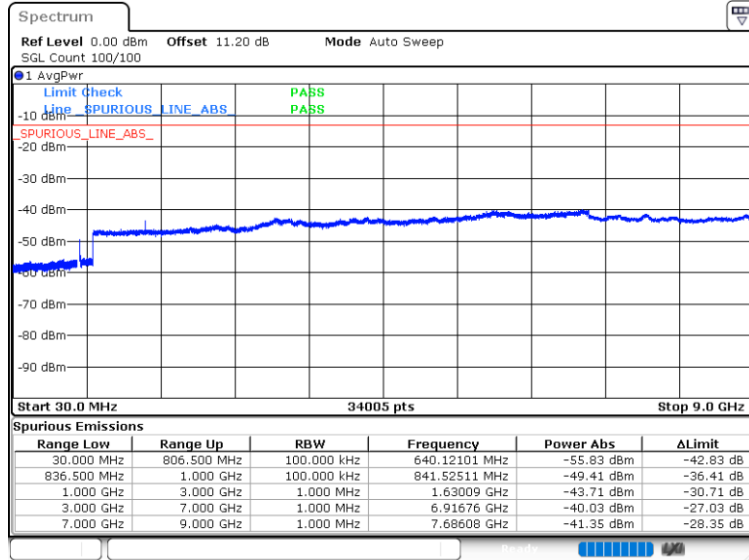


Date: 14.MAY.2024 00:54:13



LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 14.MAY.2024 00:57:00

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	0.0095	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0122	
0	Normal Voltage	0.0066	
-10	Normal Voltage	0.0126	
-20	Normal Voltage	0.0068	
-30	Normal Voltage	0.0068	
20	Maximum Voltage	0.0100	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0033	

Note:

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

Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0062	PASS
40	Normal Voltage	0.0072	
30	Normal Voltage	0.0080	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0152	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0111	
-20	Normal Voltage	0.0050	
-30	Normal Voltage	0.0110	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0122	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.145 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

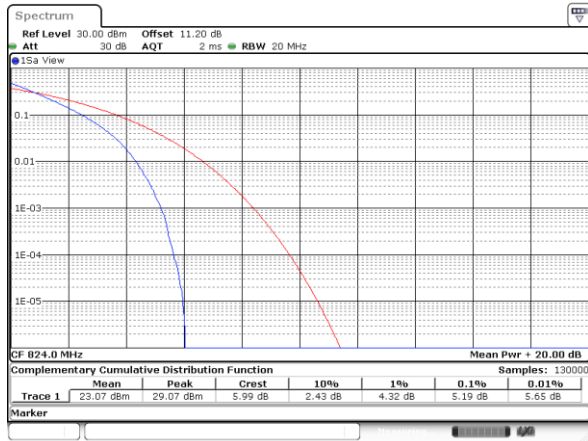
**LTE Band 26_Part 90S_824 MHz****Peak-to-Average Ratio**

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
824MHz	5.19	5.94	6.41	6.52	PASS



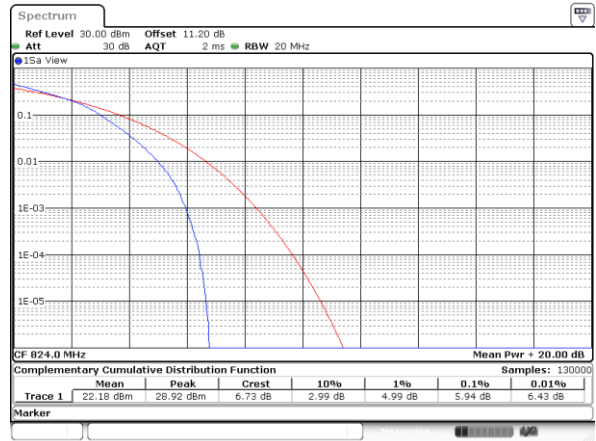
LTE Band 26 / 15MHz / QPSK

824MHz / Full RB



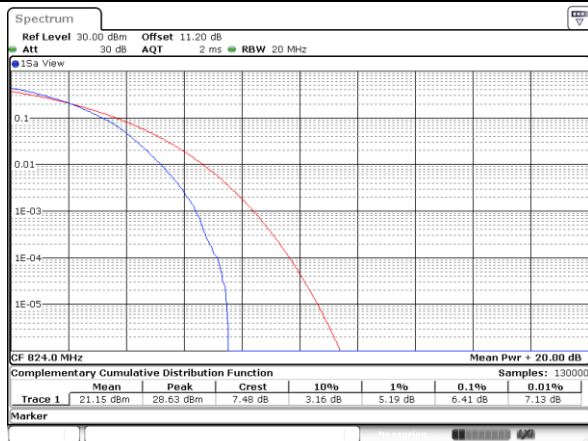
LTE Band 26 / 15MHz / 16QAM

824MHz / Full RB



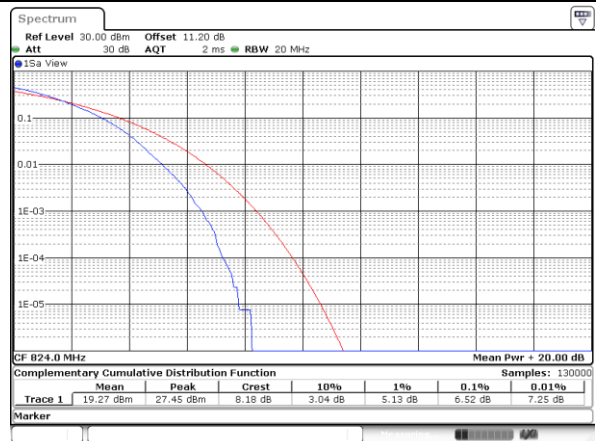
LTE Band 26 / 15MHz / 64QAM

824MHz / Full RB



LTE Band 26 / 15MHz / 256QAM

824MHz / Full RB



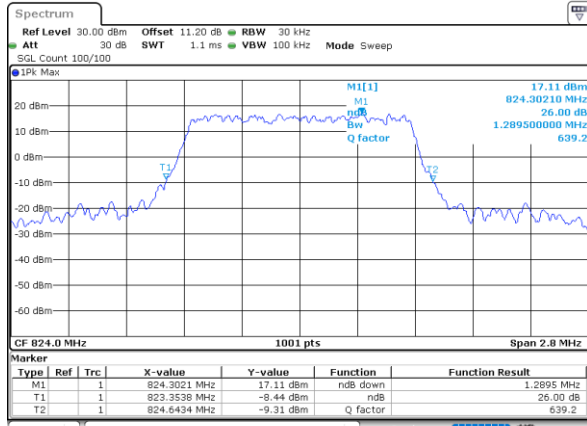
**26dB Bandwidth**

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
824MHz	1.28	1.28	2.94	2.95	4.94	4.87	9.71	9.71	14.29	14.38	-	-
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
824MHz	1.27	1.27	2.96	2.97	4.87	4.85	9.75	9.71	14.20	14.47	-	-



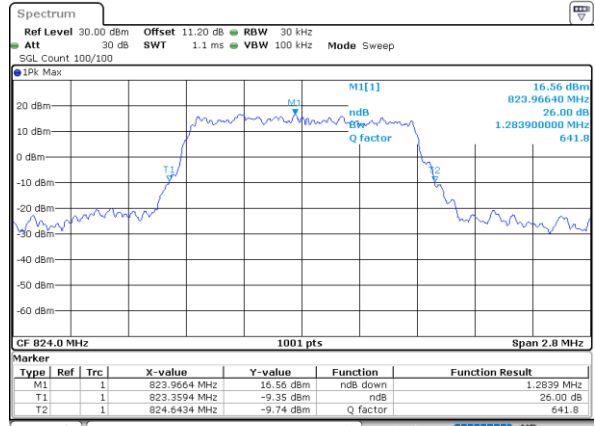
LTE Band 26

824MHz / 1.4MHz / QPSK



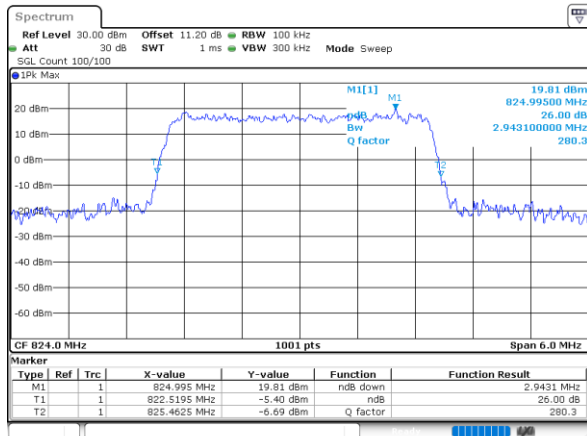
Date: 13.MAY.2024 22:50:47

824MHz / 1.4MHz / 16QAM



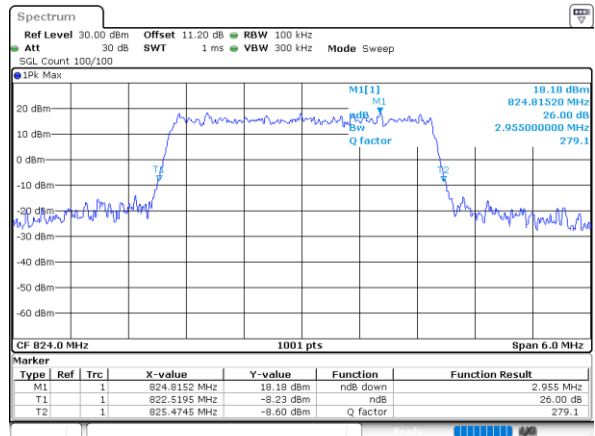
Date: 13.MAY.2024 22:51:12

824MHz / 3MHz / QPSK



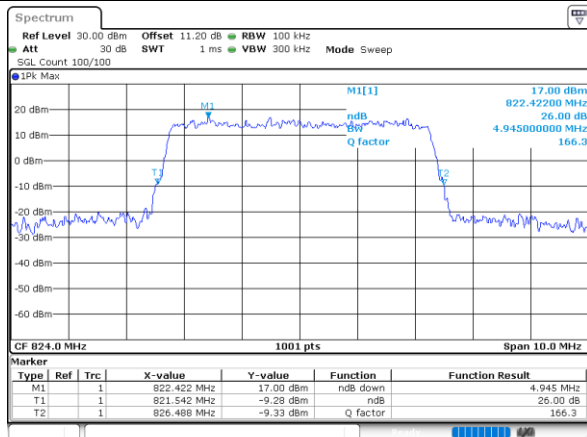
Date: 13.MAY.2024 23:02:40

824MHz / 3MHz / 16QAM



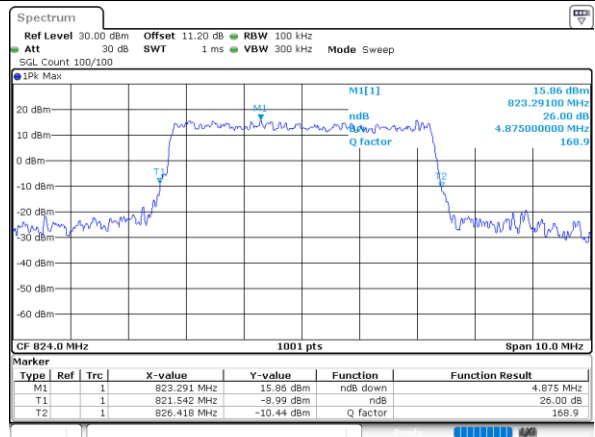
Date: 13.MAY.2024 23:03:03

824MHz / 5MHz / QPSK



Date: 13.MAY.2024 23:05:50

824MHz / 5MHz / 16QAM

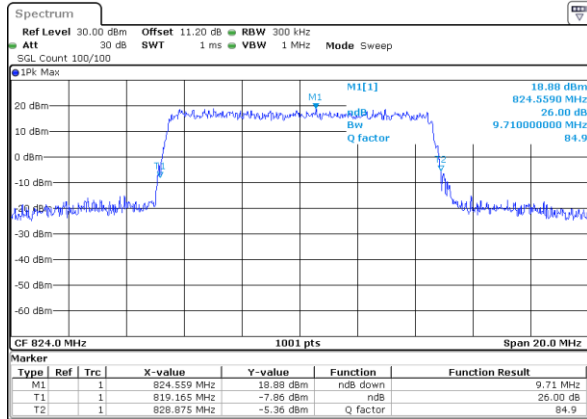


Date: 13.MAY.2024 23:06:13

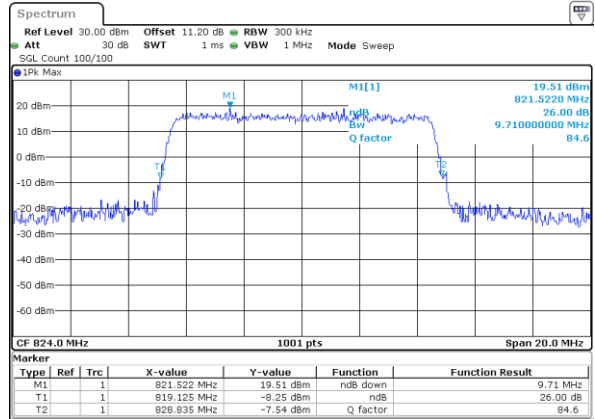


LTE Band 26

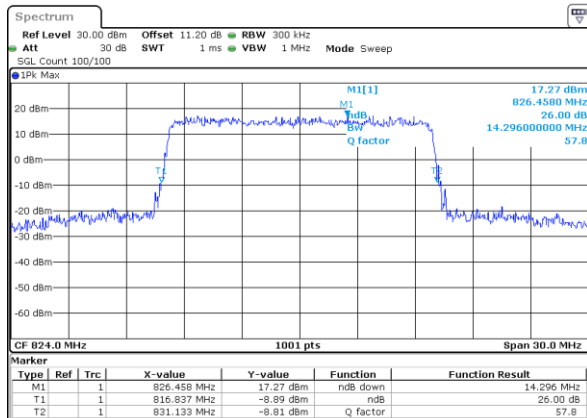
824MHz / 10MHz / QPSK



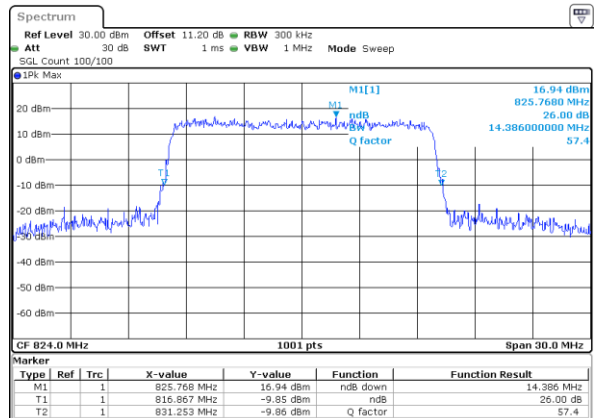
824MHz / 10MHz / 16QAM



824MHz / 15MHz / QPSK



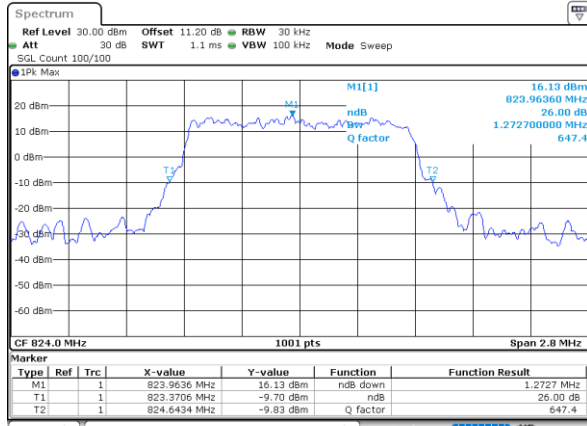
824MHz / 15MHz / 16QAM





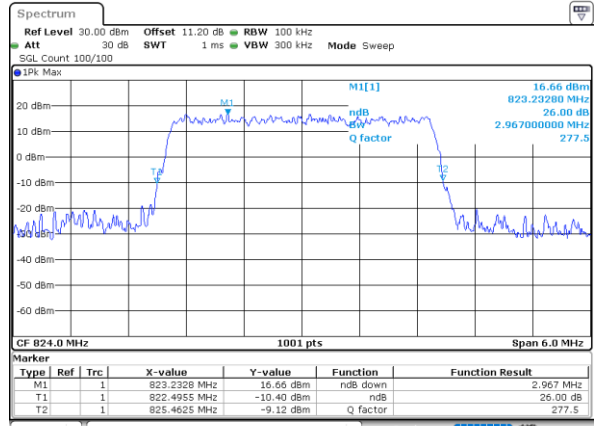
LTE Band 26

824MHz / 1.4MHz / 64QAM



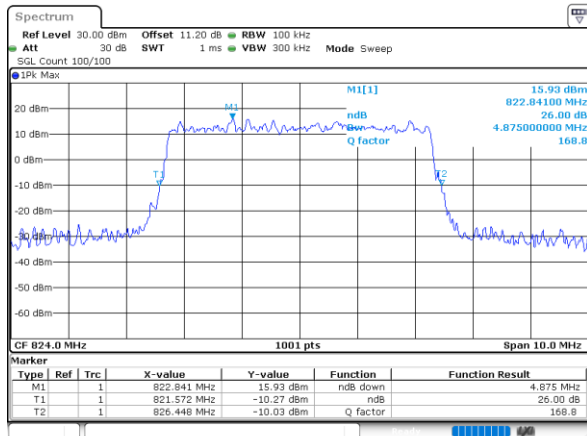
Date: 13.MAY.2024 22:52:03

824MHz / 3MHz / 64QAM



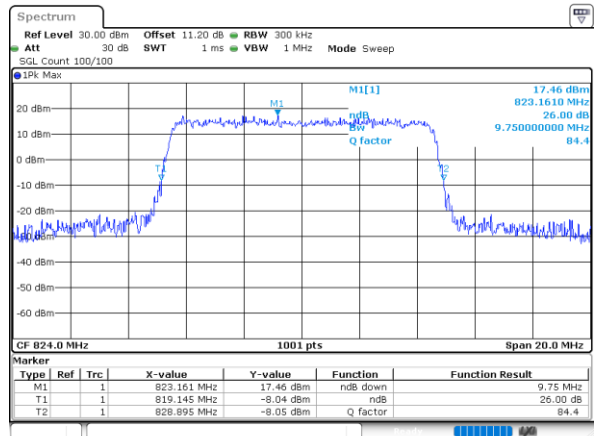
Date: 13.MAY.2024 23:04:12

824MHz / 5MHz / 64QAM



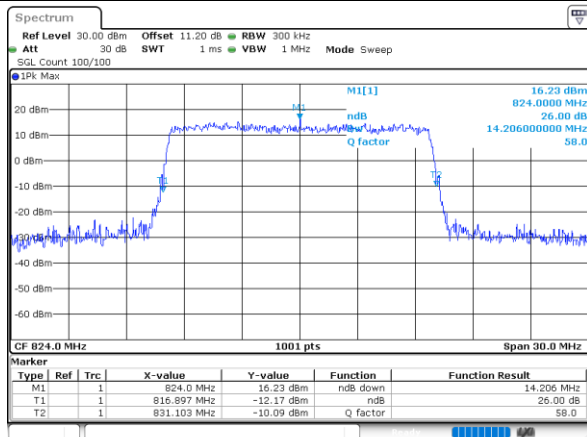
Date: 13.MAY.2024 23:07:22

824MHz / 10MHz / 64QAM



Date: 13.MAY.2024 23:10:46

824MHz / 15MHz / 64QAM



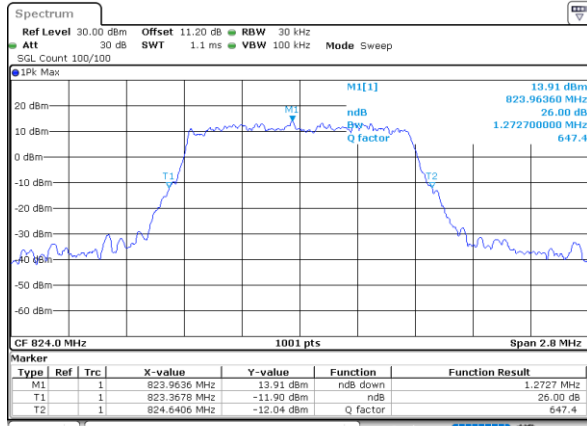
Date: 13.MAY.2024 23:13:59

N/A



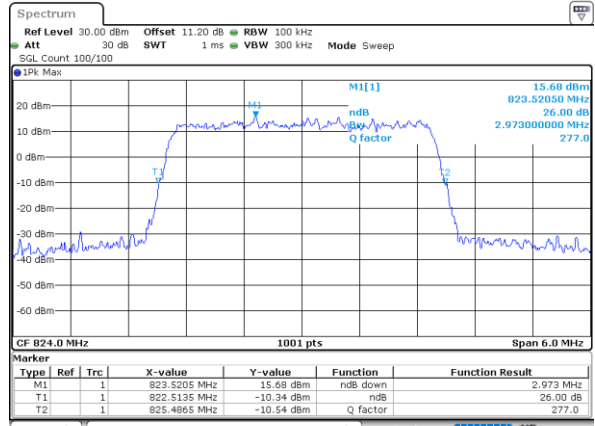
LTE Band 26

824MHz / 1.4MHz / 256QAM



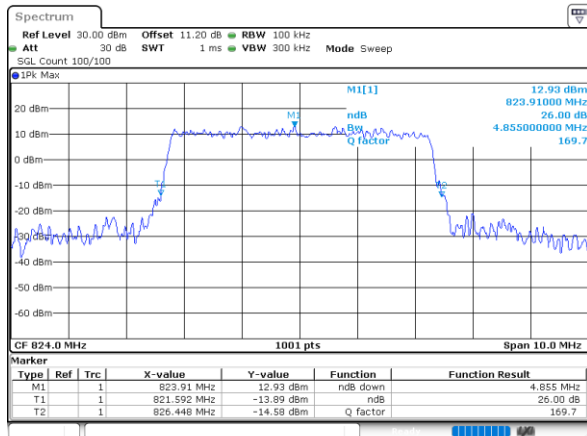
Date: 13.MAY.2024 22:52:41

824MHz / 3MHz / 256QAM



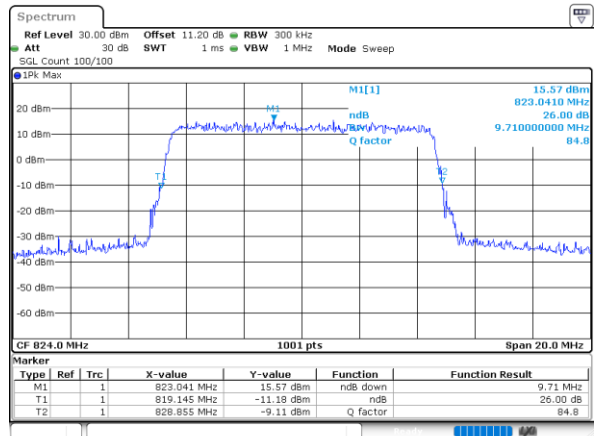
Date: 13.MAY.2024 23:05:01

824MHz / 5MHz / 256QAM



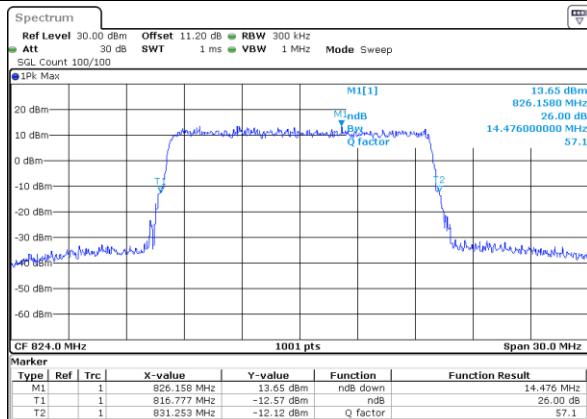
Date: 13.MAY.2024 23:08:26

824MHz / 10MHz / 256QAM



Date: 13.MAY.2024 23:11:37

824MHz / 15MHz / 256QAM



Date: 13.MAY.2024 23:14:48

N/A

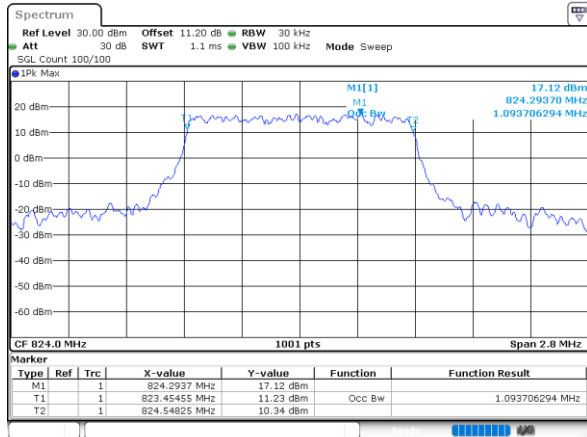
**Occupied Bandwidth**

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
824MHz	1.09	1.09	2.72	2.72	4.48	4.48	9.05	9.03	13.39	13.39	-	-
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
824MHz	1.09	1.08	2.71	2.71	4.50	4.50	9.05	9.03	13.39	13.42	-	-

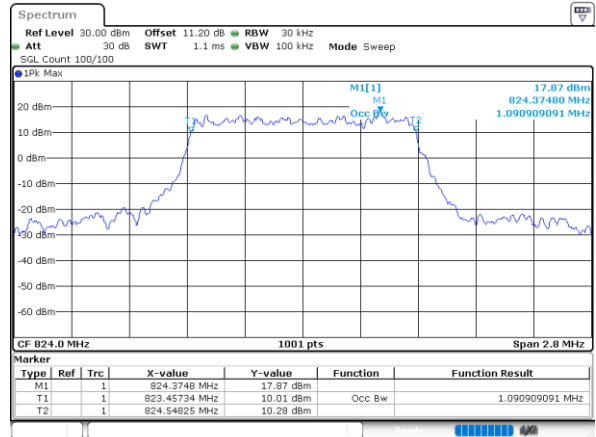


LTE Band 26

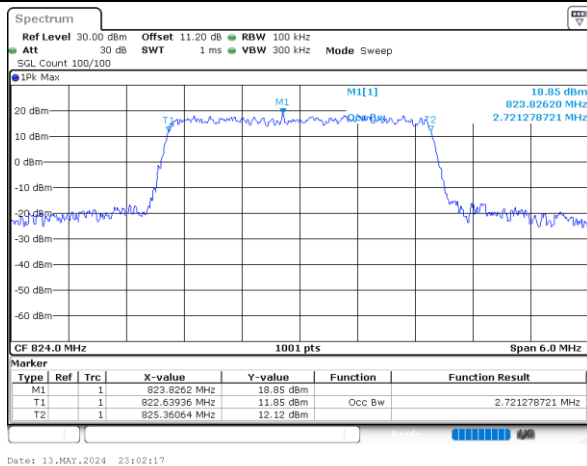
824MHz / 1.4MHz / QPSK



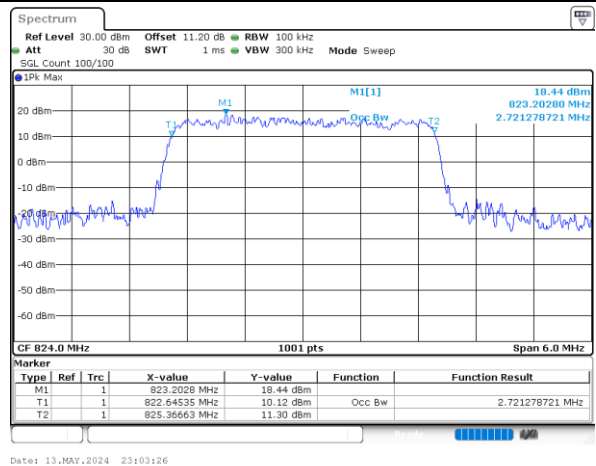
824MHz / 1.4MHz / 16QAM



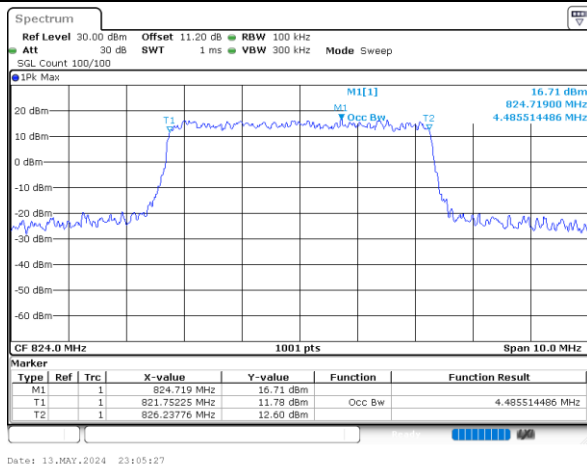
824MHz / 3MHz / QPSK



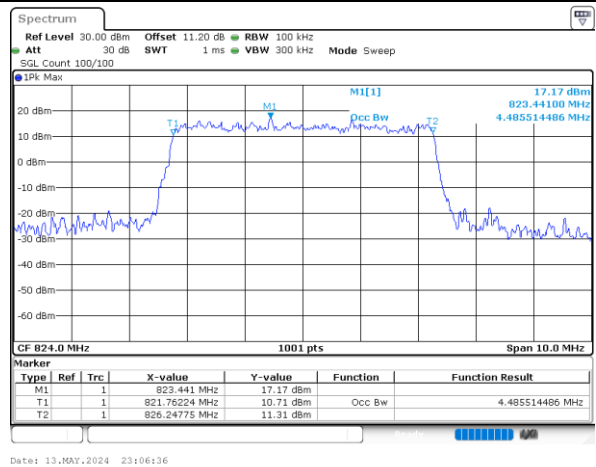
824MHz / 3MHz / 16QAM



824MHz / 5MHz / QPSK



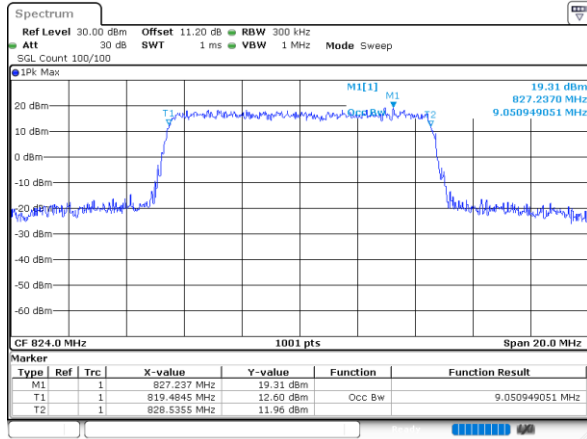
824MHz / 5MHz / 16QAM



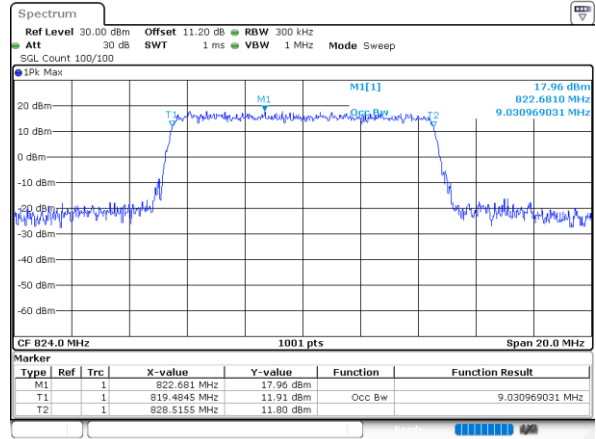


LTE Band 26

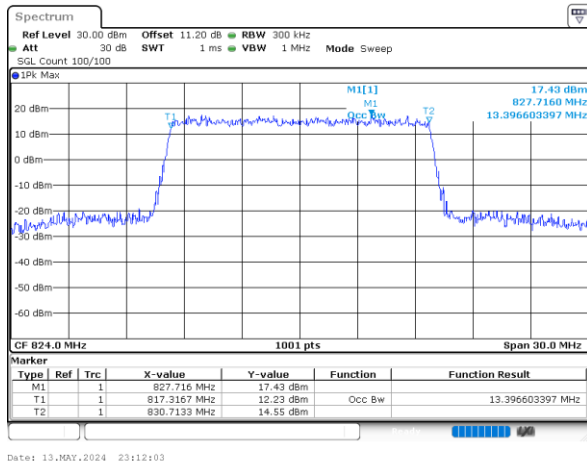
824MHz / 10MHz / QPSK



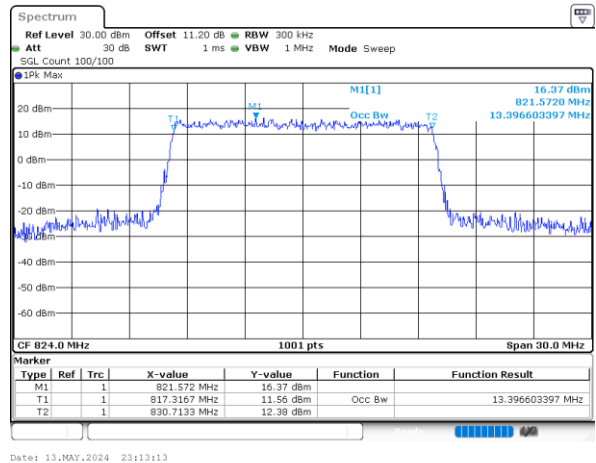
824MHz / 10MHz / 16QAM



824MHz / 15MHz / QPSK



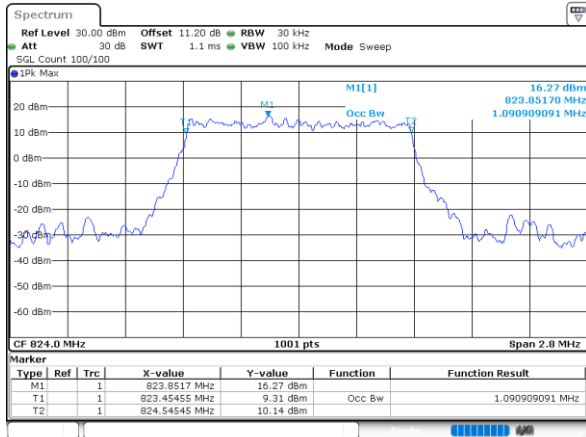
824MHz / 15MHz / 16QAM





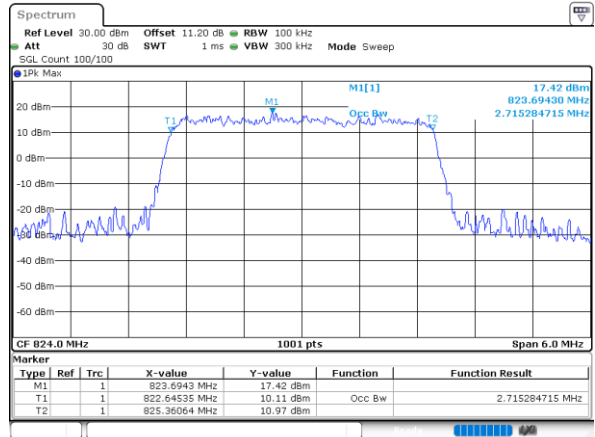
LTE Band 26

824MHz / 1.4MHz / 64QAM



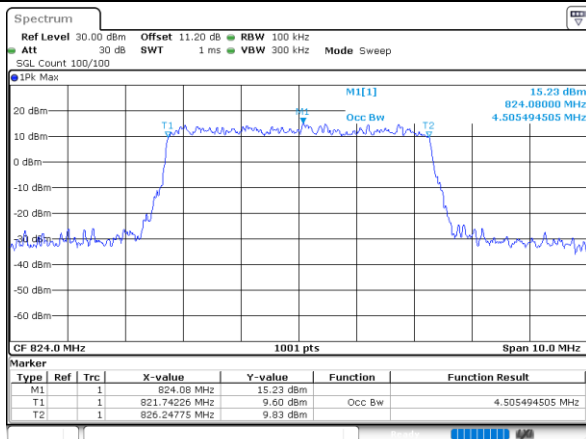
Date: 13.MAY.2024 22:51:50

824MHz / 3MHz / 64QAM



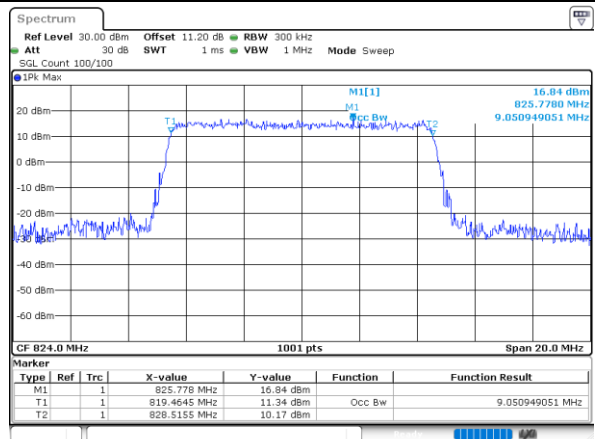
Date: 13.MAY.2024 23:03:49

824MHz / 5MHz / 64QAM



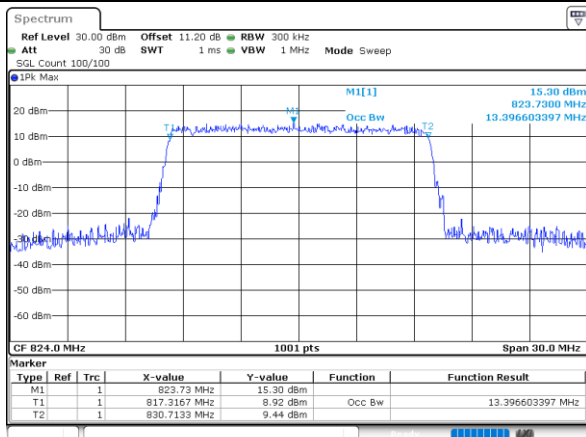
Date: 13.MAY.2024 23:06:59

824MHz / 10MHz / 64QAM



Date: 13.MAY.2024 23:10:25

824MHz / 15MHz / 64QAM



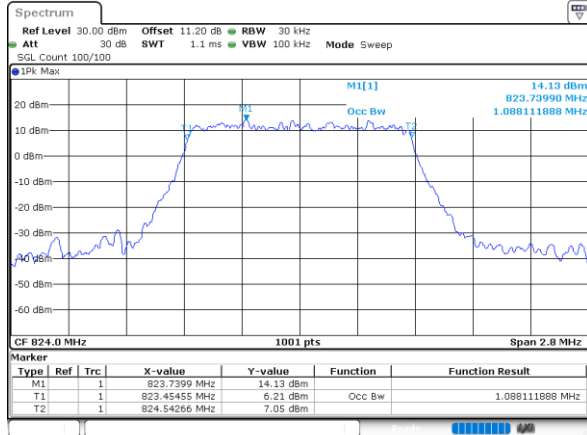
Date: 13.MAY.2024 23:13:36

N/A



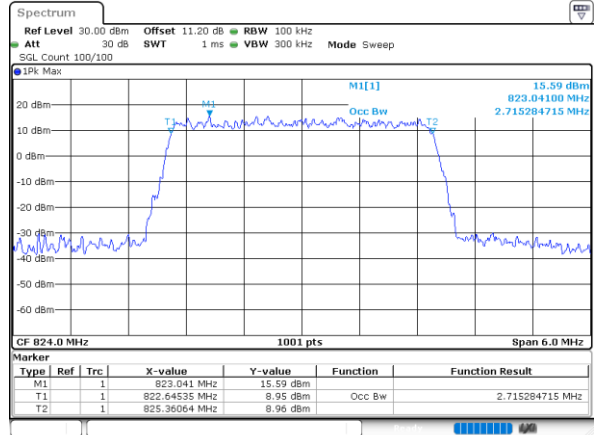
LTE Band 26

824MHz / 1.4MHz / 256QAM



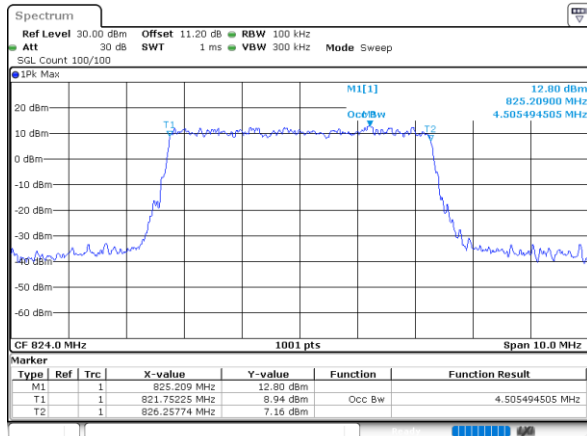
Date: 13.MAY.2024 22:52:28

824MHz / 3MHz / 256QAM



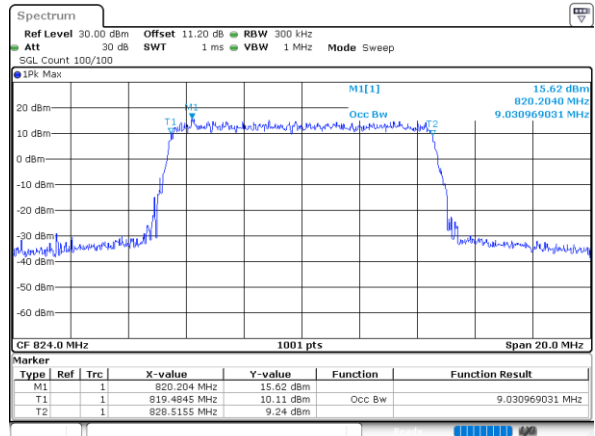
Date: 13.MAY.2024 23:04:35

824MHz / 5MHz / 256QAM



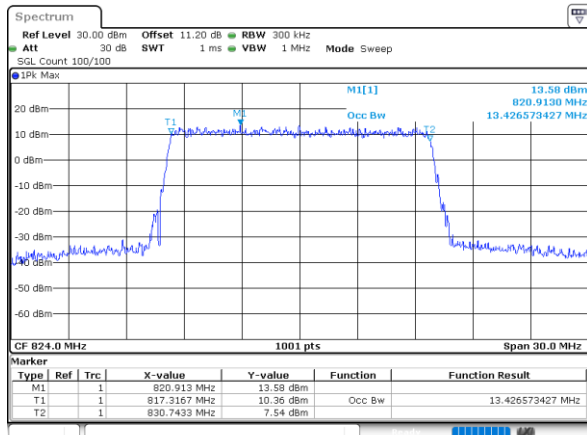
Date: 13.MAY.2024 23:07:45

824MHz / 10MHz / 256QAM



Date: 13.MAY.2024 23:11:11

824MHz / 15MHz / 256QAM



Date: 13.MAY.2024 23:14:22

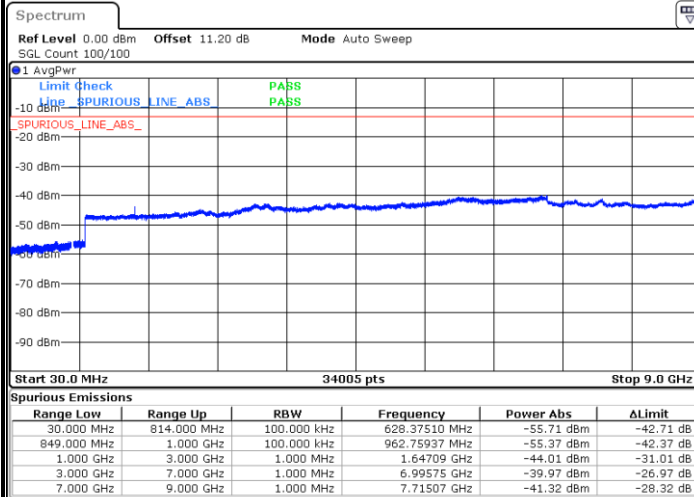
N/A



Conducted Spurious Emission

LTE Band 26 / 1.4MHz

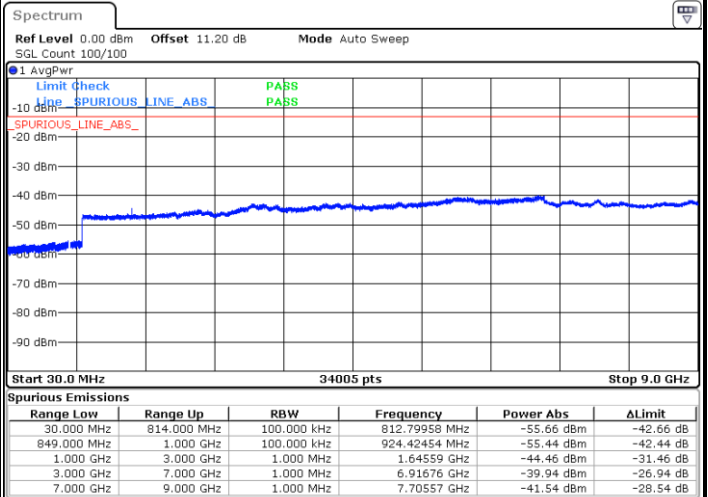
824MHz / QPSK



Date: 13.MAY.2024 23:17:55

LTE Band 26 / 3MHz

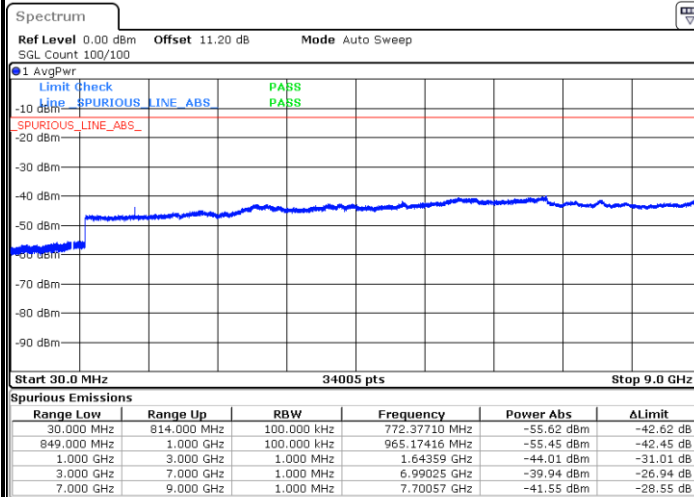
824MHz / QPSK



Date: 13.MAY.2024 23:19:08

LTE Band 26 / 5MHz

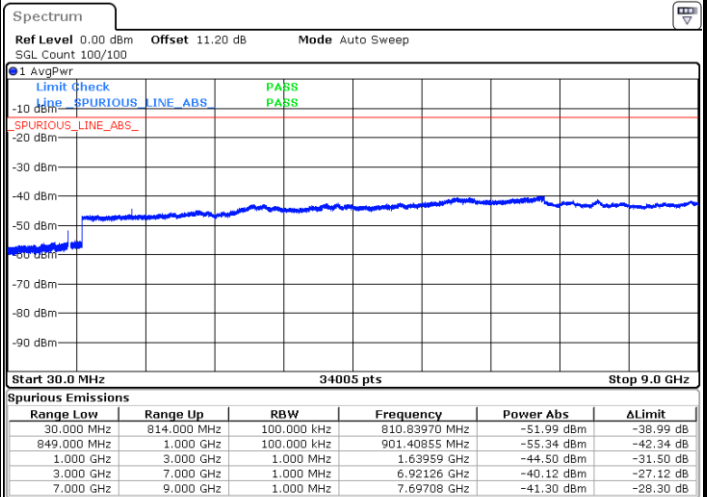
824MHz / QPSK



Date: 13.MAY.2024 23:20:21

LTE Band 26 / 10MHz

824MHz / QPSK



Date: 13.MAY.2024 23:21:34

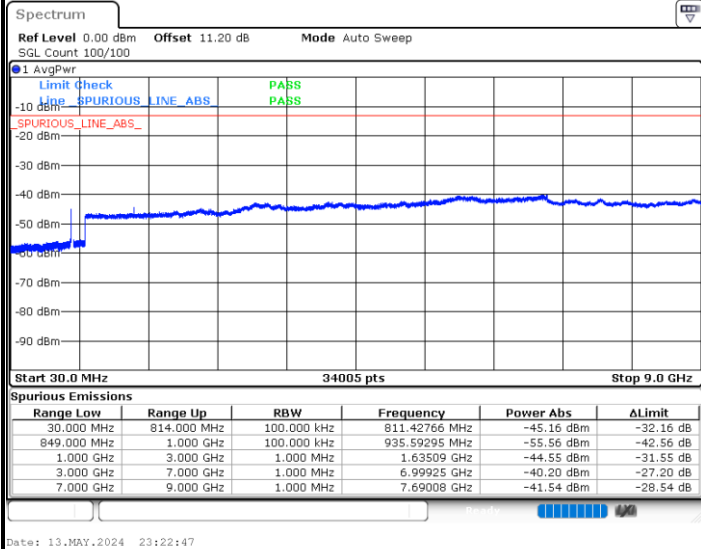


LTE Band 26 / 15MHz

N/A

824MHz / QPSK

N/A



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / 824MHz	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0095	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0122	
0	Normal Voltage	0.0066	
-10	Normal Voltage	0.0126	
-20	Normal Voltage	0.0068	
-30	Normal Voltage	0.0068	
20	Maximum Voltage	0.0100	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0033	

Note:

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

Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0098	PASS
40	Normal Voltage	0.0172	
30	Normal Voltage	0.0125	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0141	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.145 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

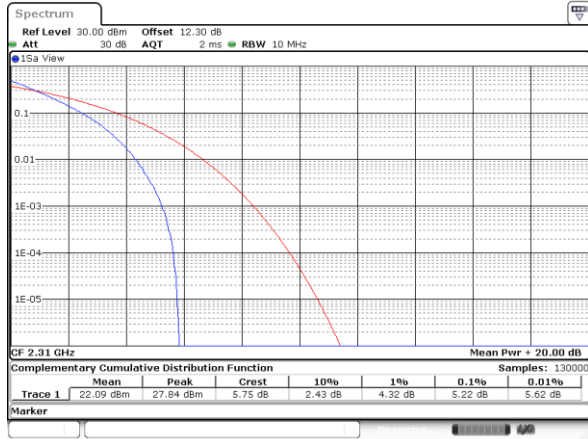
**LTE Band 30****Peak-to-Average Ratio**

Mode	LTE Band 30 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.22	6.14	6.46	6.67	PASS



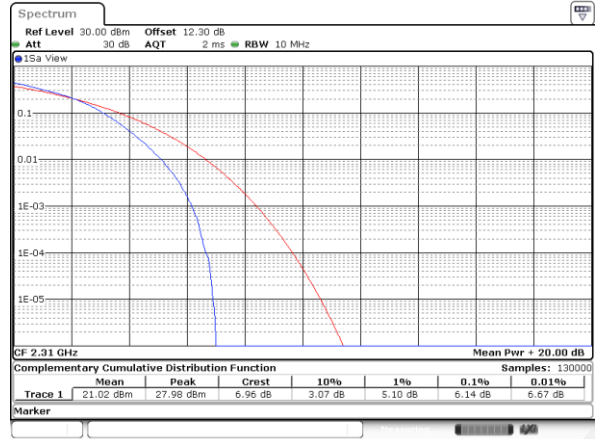
LTE Band 30 / 10MHz / QPSK

Middle Channel / Full RB



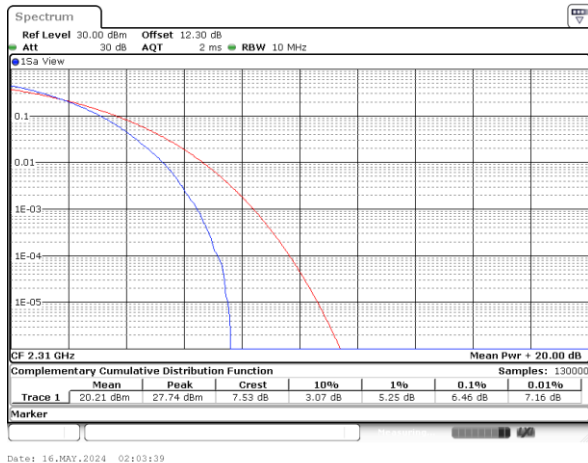
LTE Band 30 / 10MHz / 16QAM

Middle Channel / Full RB



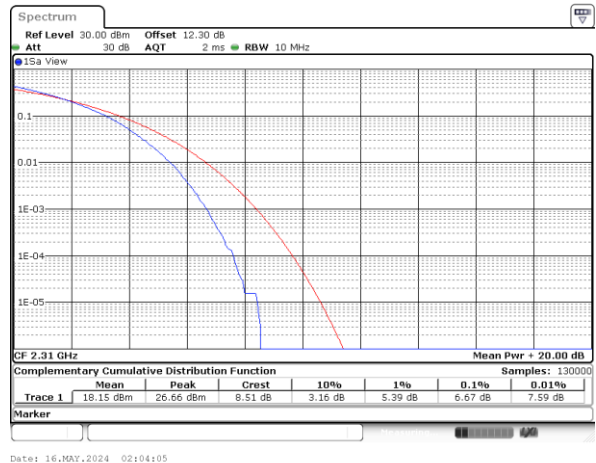
LTE Band 30 / 10MHz / 64QAM

Middle Channel / Full RB



LTE Band 30 / 10MHz / 256QAM

Middle Channel / Full RB



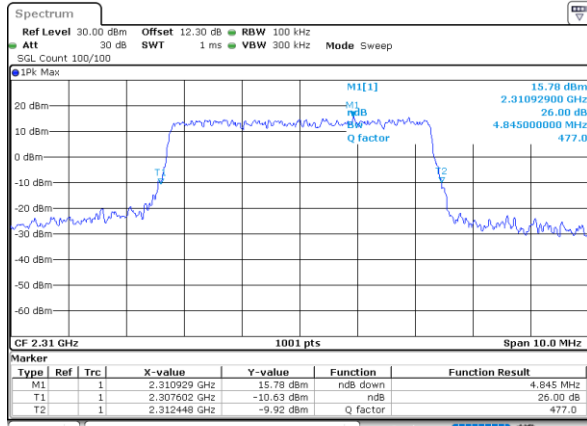
**26dB Bandwidth**

Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.84	4.88	9.75	9.78	-	-	-	-
Mode	LTE Band 30 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.93	4.84	9.76	9.75	-	-	-	-



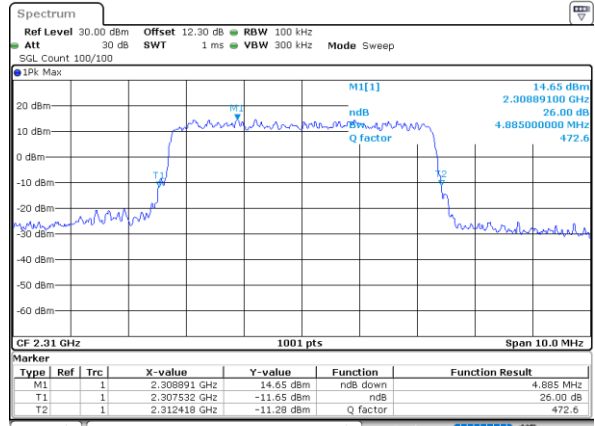
LTE Band 30

Middle Channel / 5MHz / QPSK



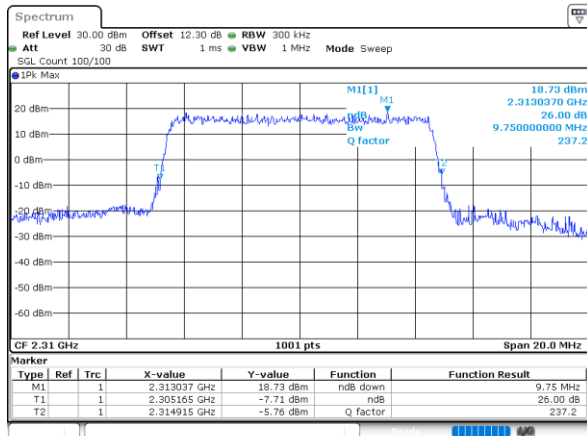
Date: 16.MAY.2024 01:55:54

Middle Channel / 5MHz / 16QAM



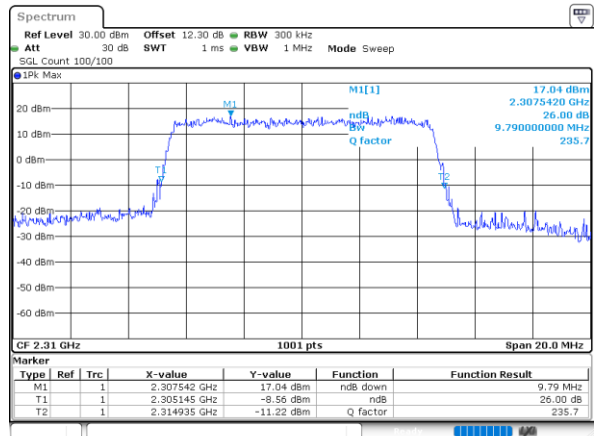
Date: 16.MAY.2024 01:56:18

Middle Channel / 10MHz / QPSK



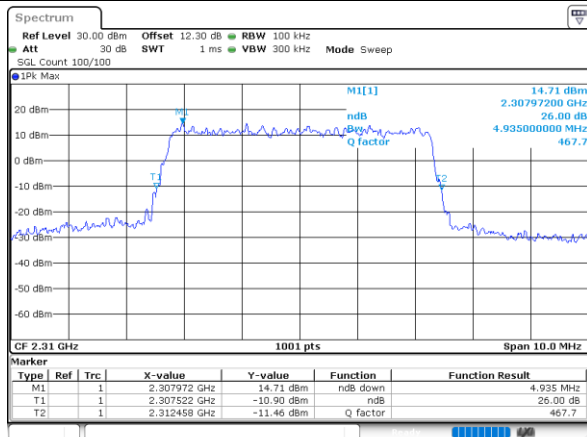
Date: 16.MAY.2024 02:01:09

Middle Channel / 10MHz / 16QAM



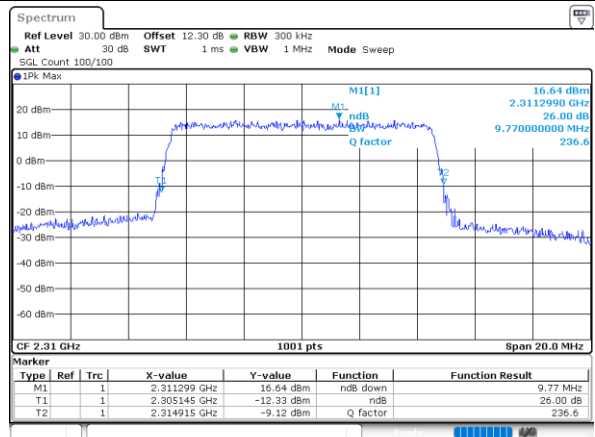
Date: 16.MAY.2024 02:01:34

Middle Channel / 5MHz / 64QAM



Date: 16.MAY.2024 01:56:43

Middle Channel / 10MHz / 64QAM

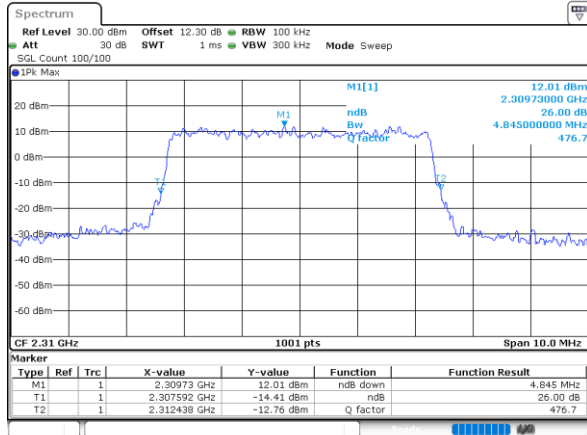


Date: 16.MAY.2024 02:01:58



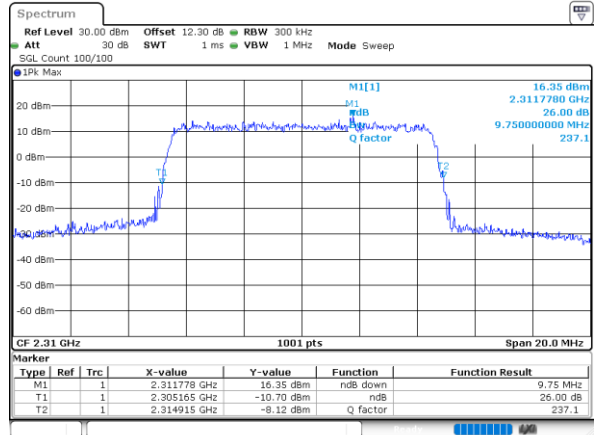
LTE Band 30

Middle Channel / 5MHz / 256QAM



Date: 16,MAY,2024 01:57:07

Middle Channel / 10MHz / 256QAM



Date: 16,MAY,2024 02:02:23

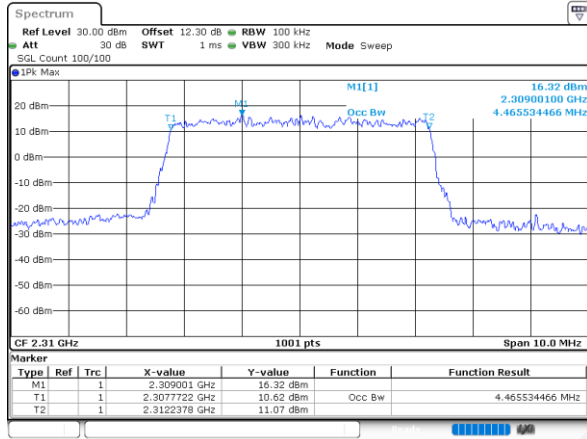
**Occupied Bandwidth**

Mode	LTE Band 30 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.46	4.49	9.03	9.03	-	-	-	-
Mode	LTE Band 30 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.50	4.47	9.03	9.03	-	-	-	-

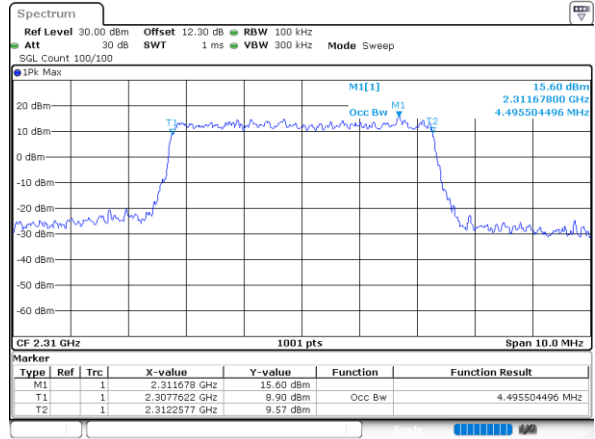


LTE Band 30

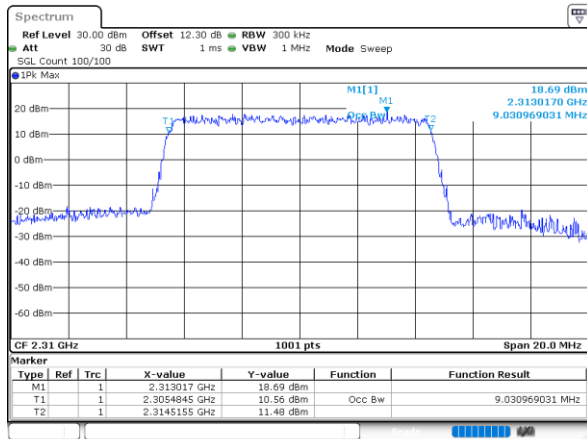
Middle Channel / 5MHz / QPSK



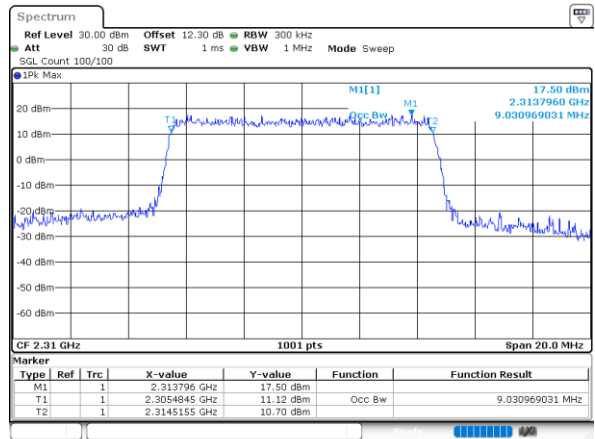
Middle Channel / 5MHz / 16QAM



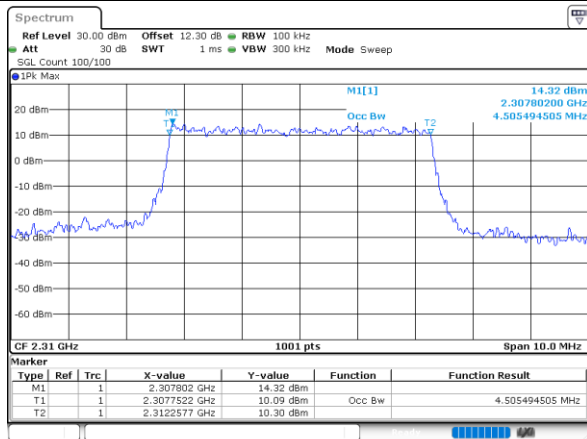
Middle Channel / 10MHz / QPSK



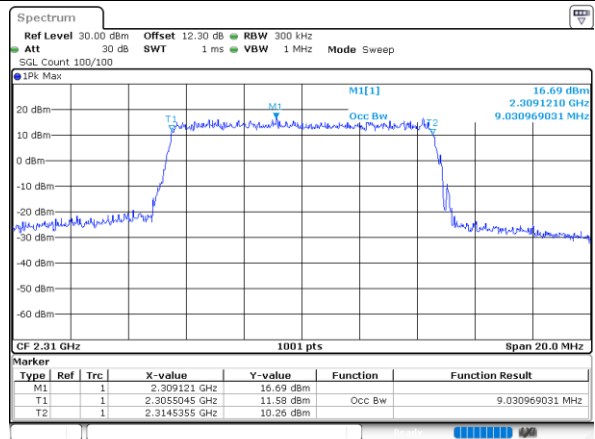
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



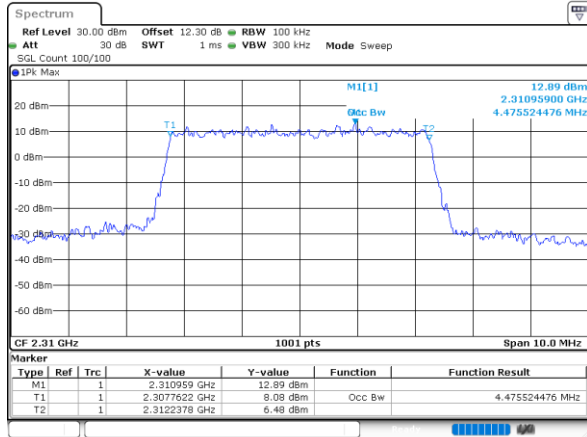
Middle Channel / 10MHz / 64QAM





LTE Band 30

Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

