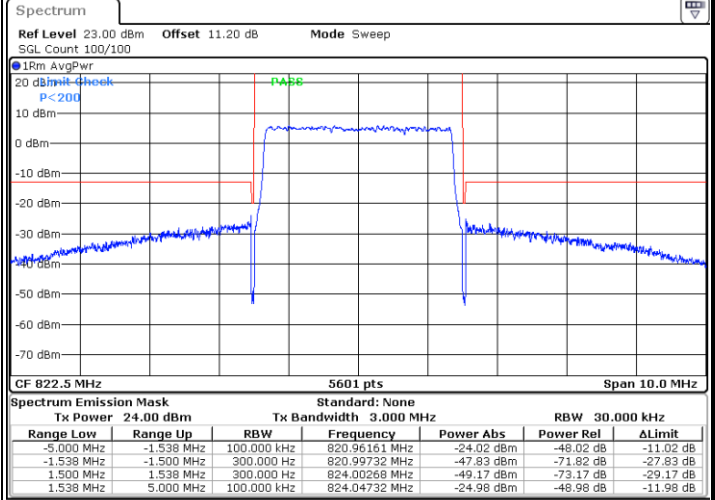
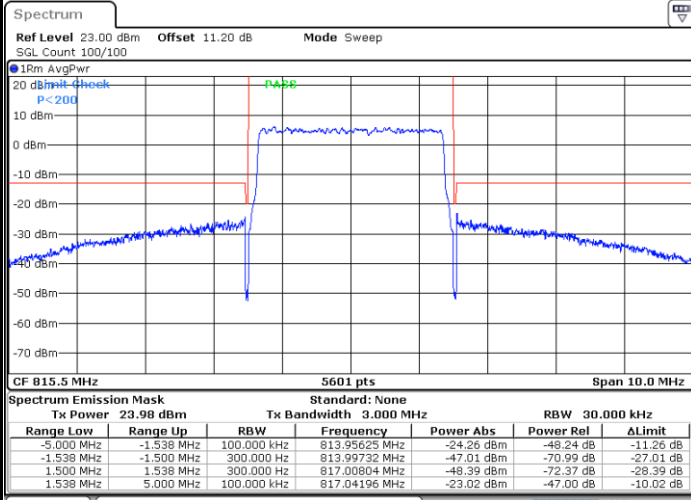




LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB

Highest Channel / Full RB



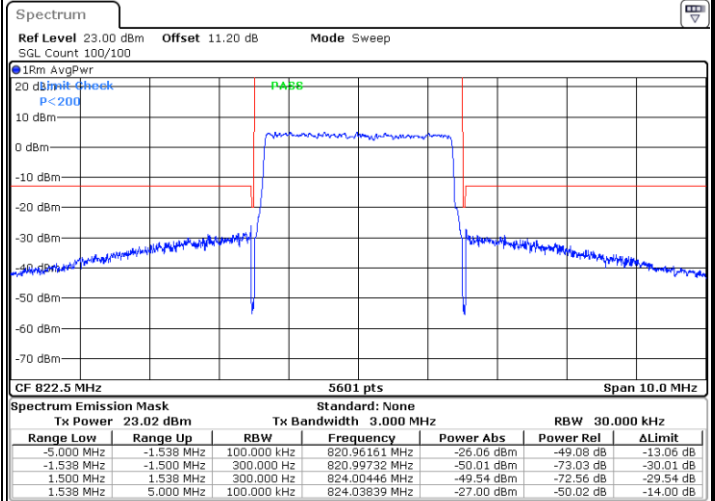
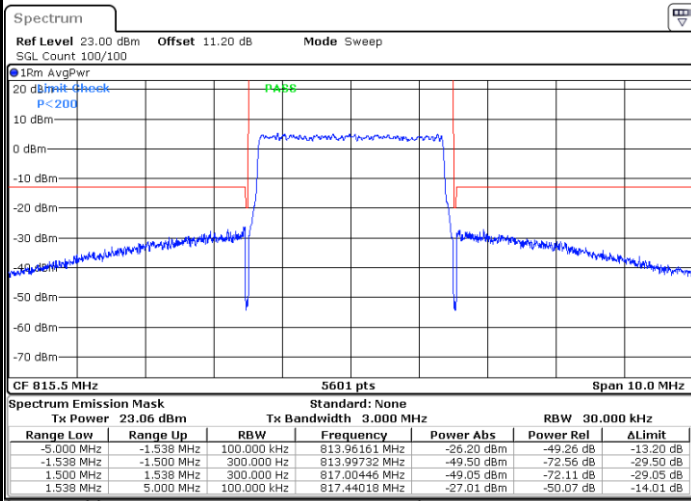
Date: 13.MAY.2024 23:42:13

Date: 13.MAY.2024 23:43:55

LTE Band 26 / 3MHz / 16QAM

Lowest Channel / Full RB

Highest Channel / Full RB



Date: 13.MAY.2024 23:43:04

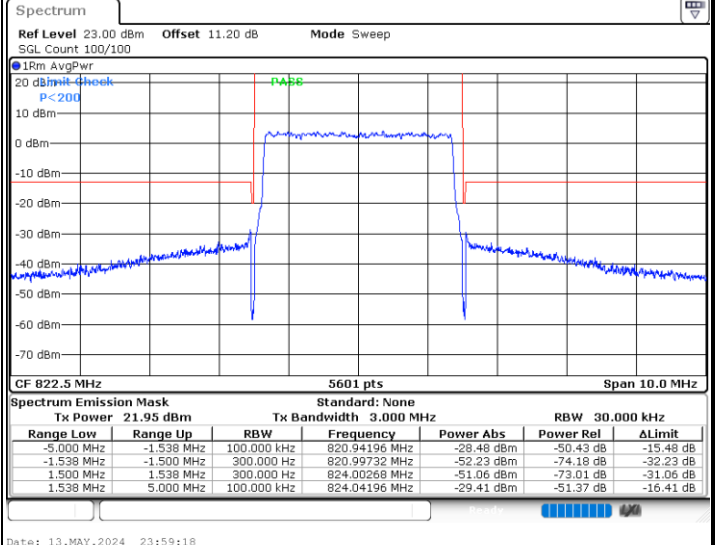
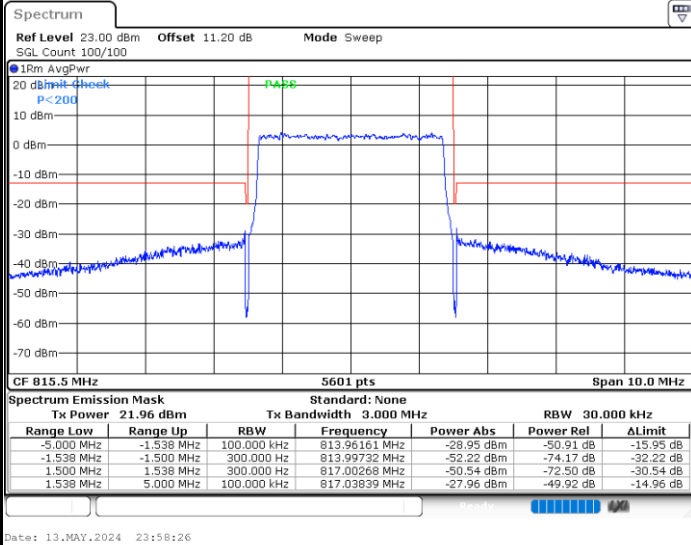
Date: 13.MAY.2024 23:44:47



LTE Band 26 / 3MHz / 64QAM

Lowest Channel / Full RB

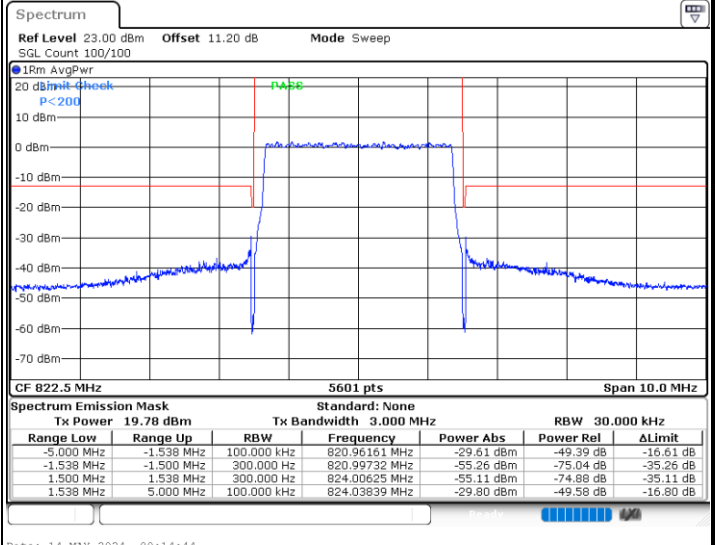
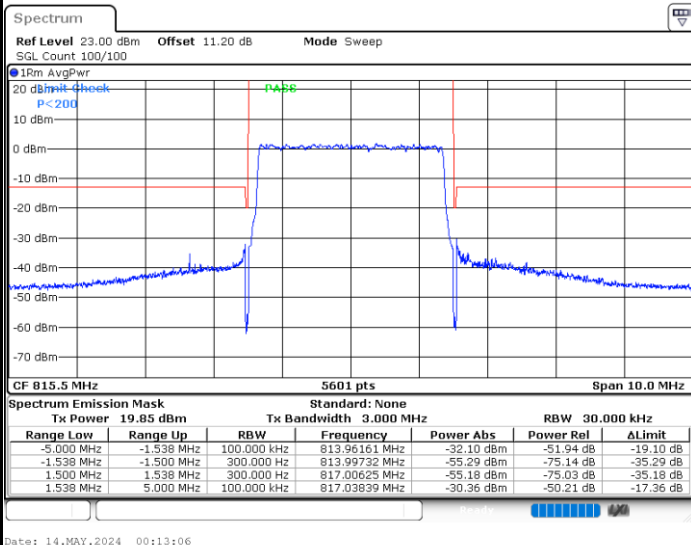
Highest Channel / Full RB



LTE Band 26 / 3MHz / 256QAM

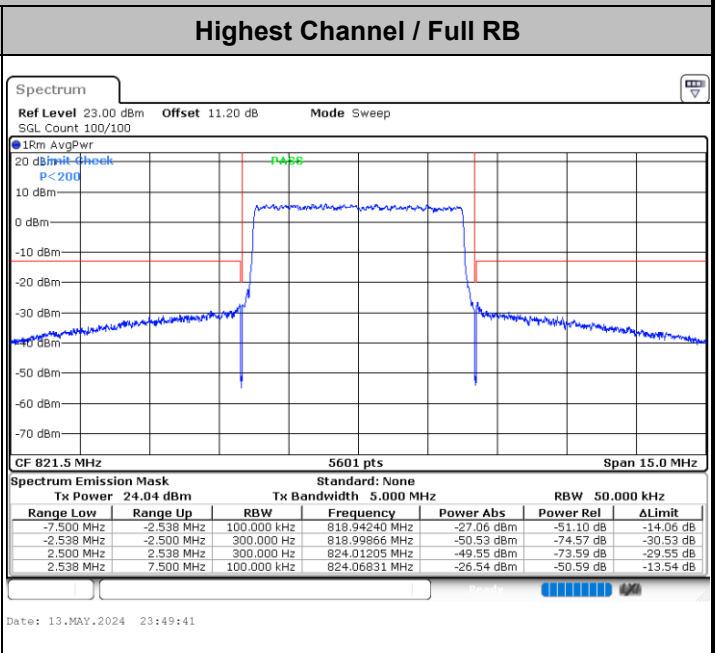
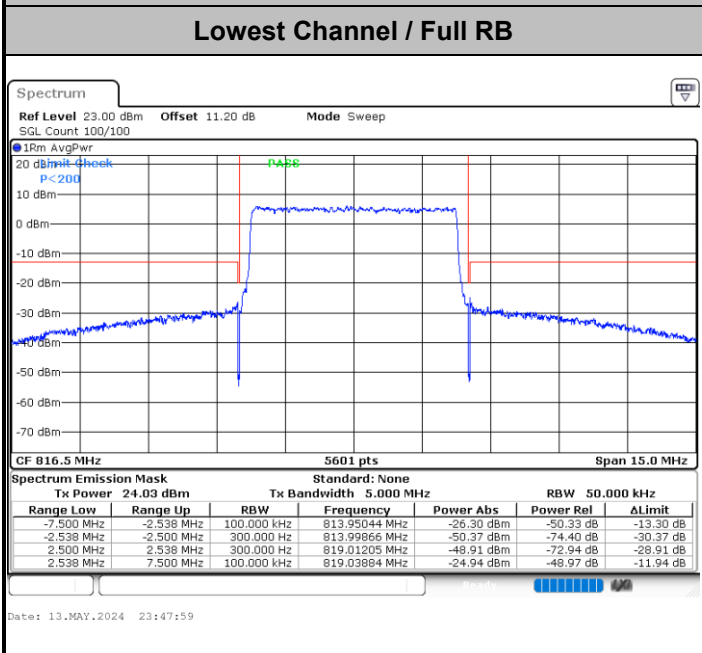
Lowest Channel / Full RB

Highest Channel / Full RB

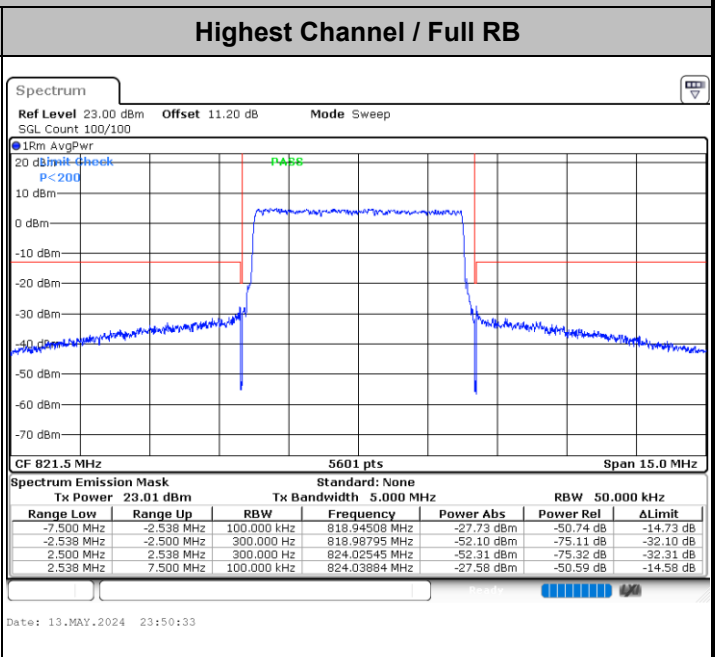
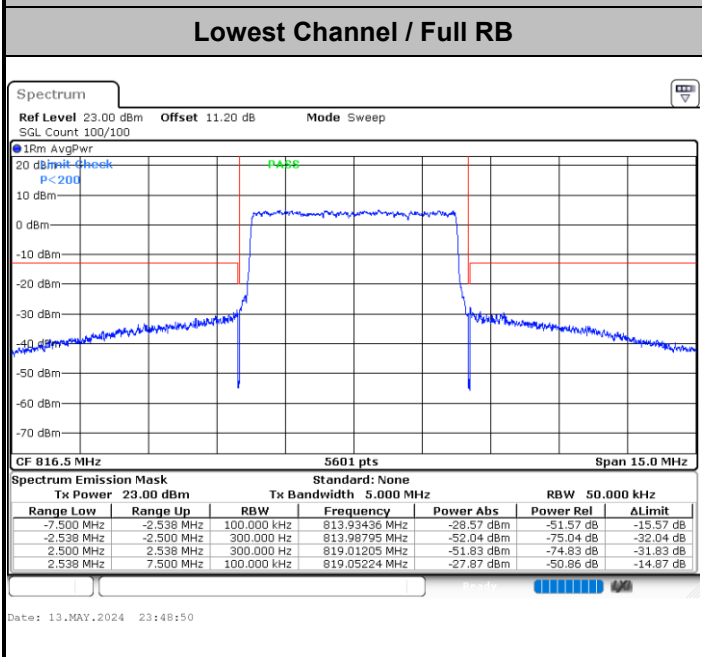




LTE Band 26 / 5MHz / QPSK



LTE Band 26 / 5MHz / 16QAM

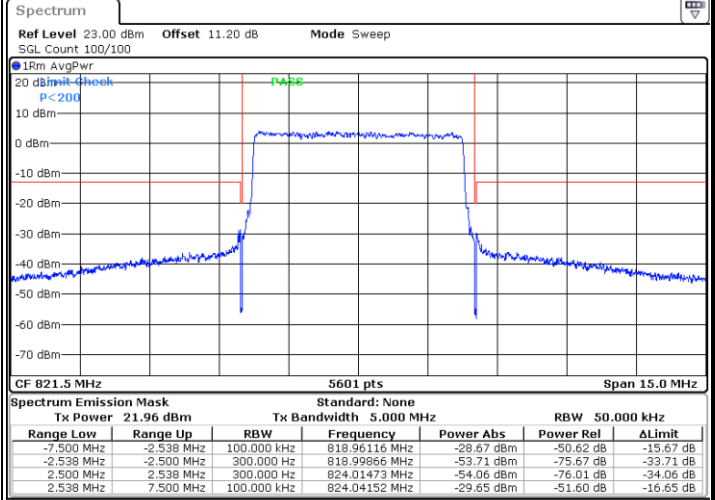
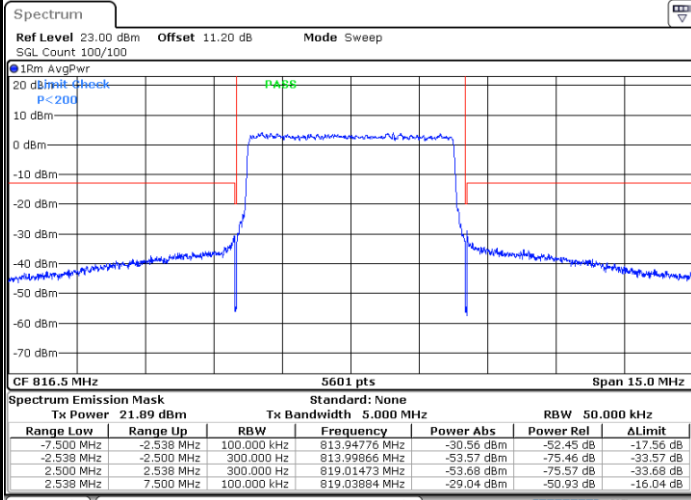




LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB

Highest Channel / Full RB



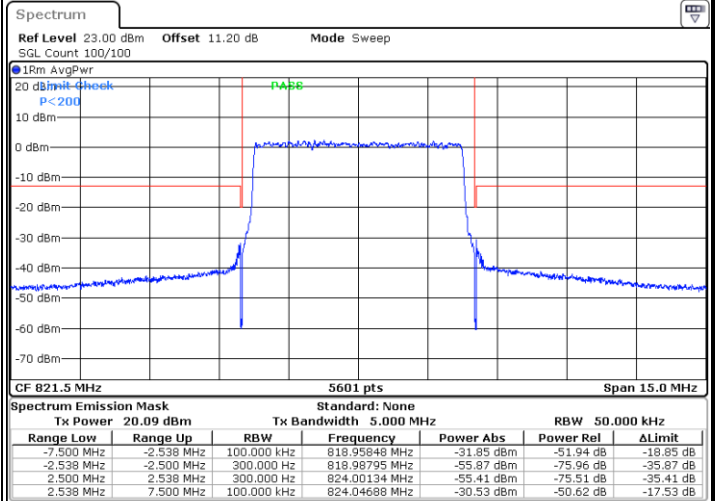
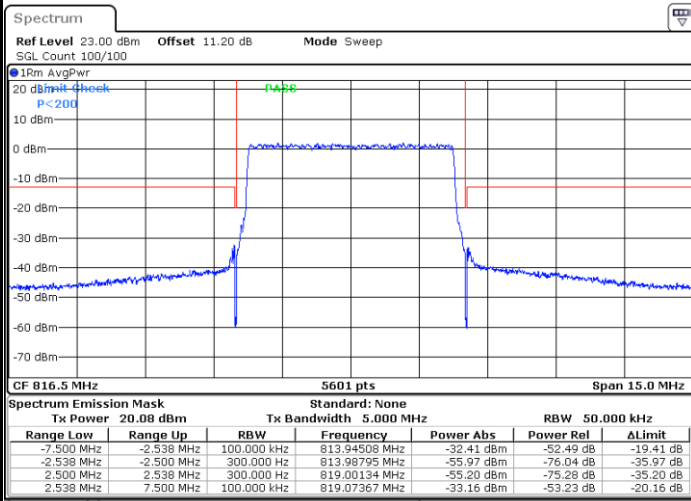
Date: 14.MAY.2024 00:00:11

Date: 14.MAY.2024 00:01:02

LTE Band 26 / 5MHz / 256QAM

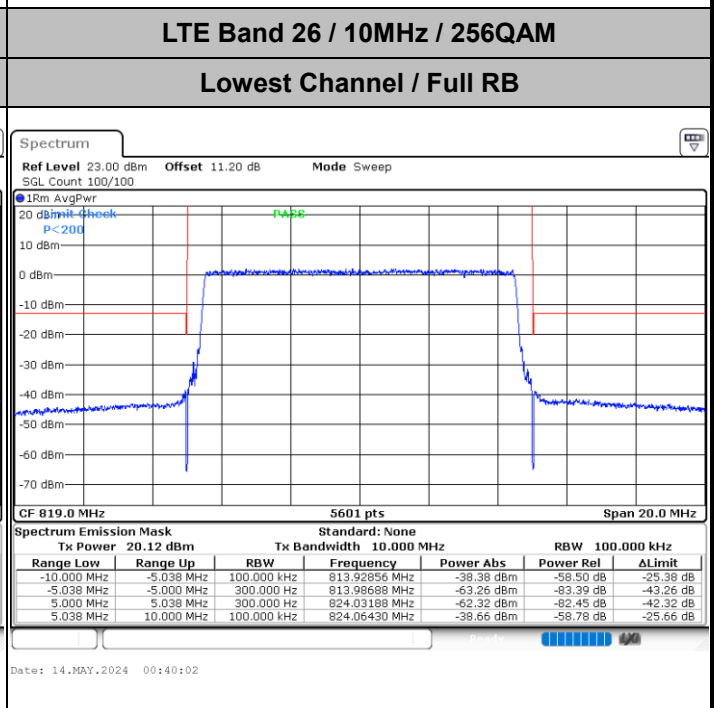
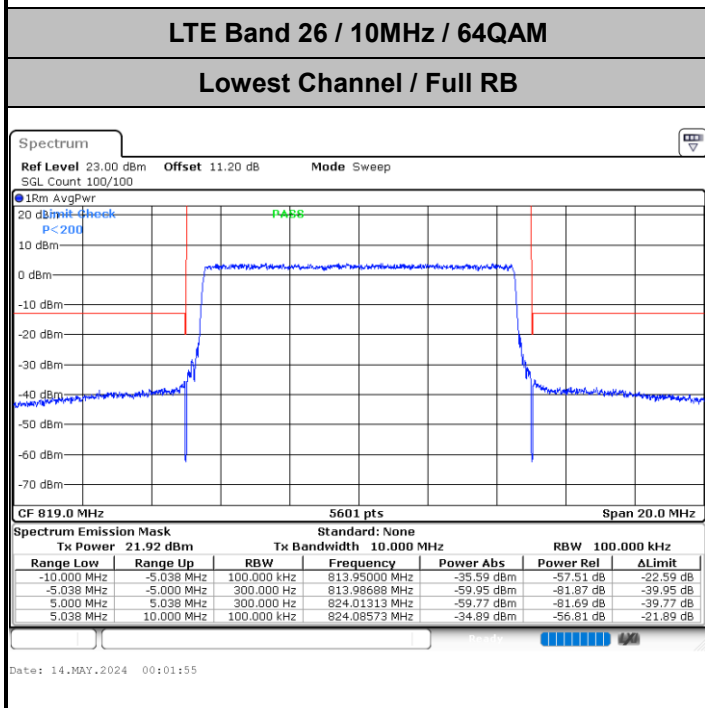
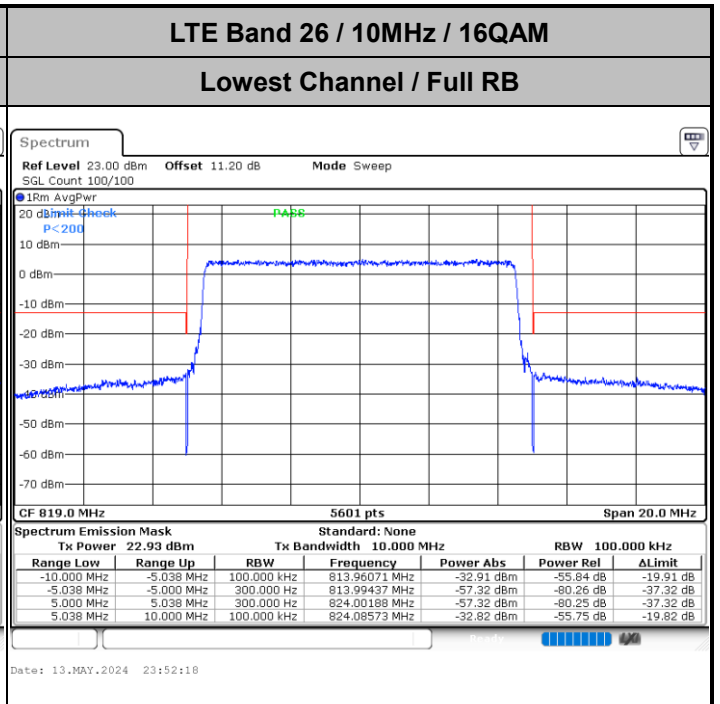
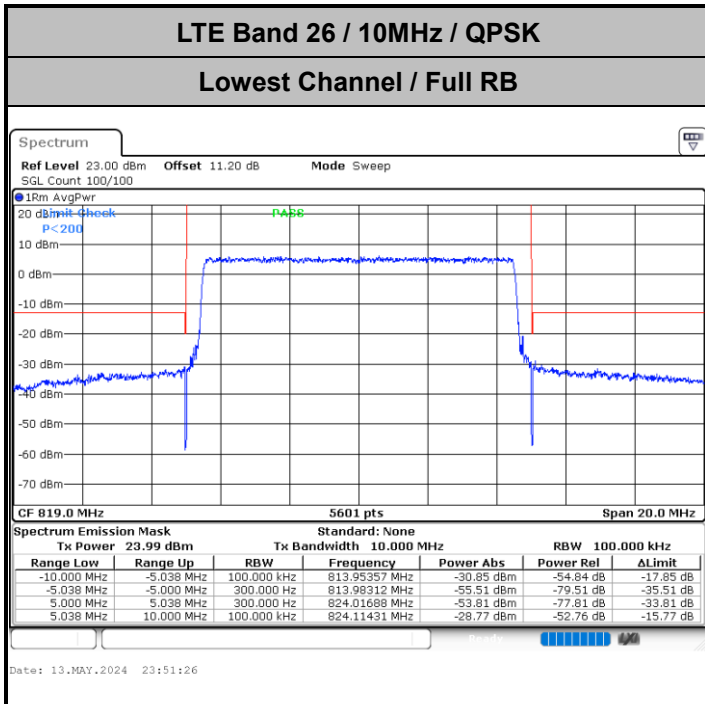
Lowest Channel / Full RB

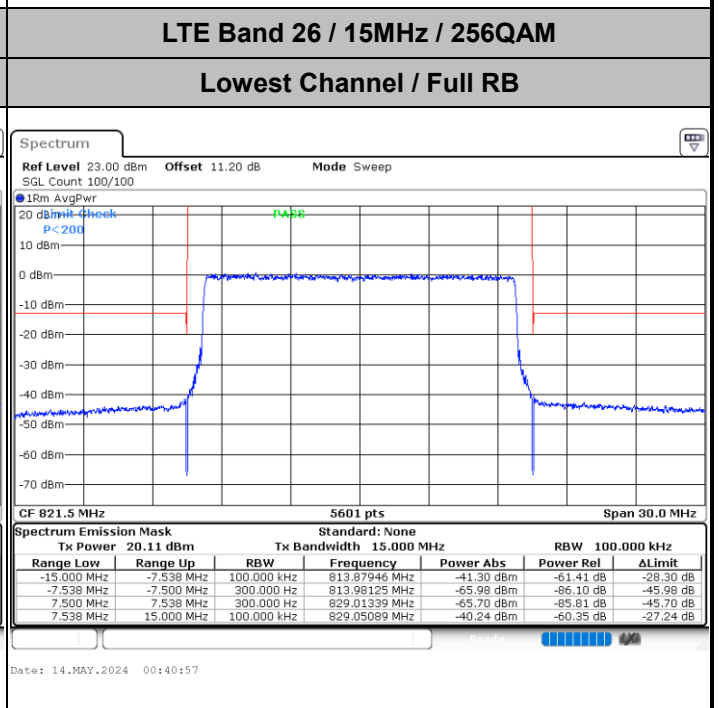
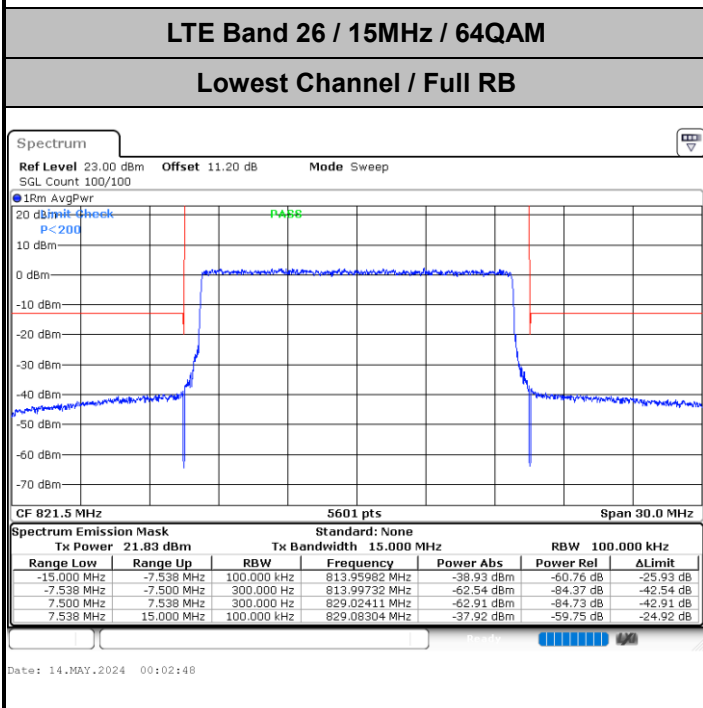
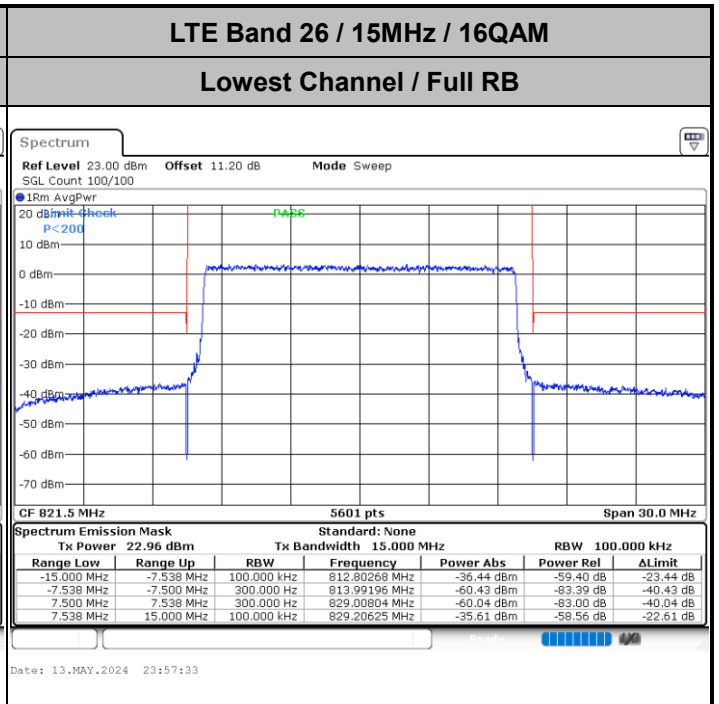
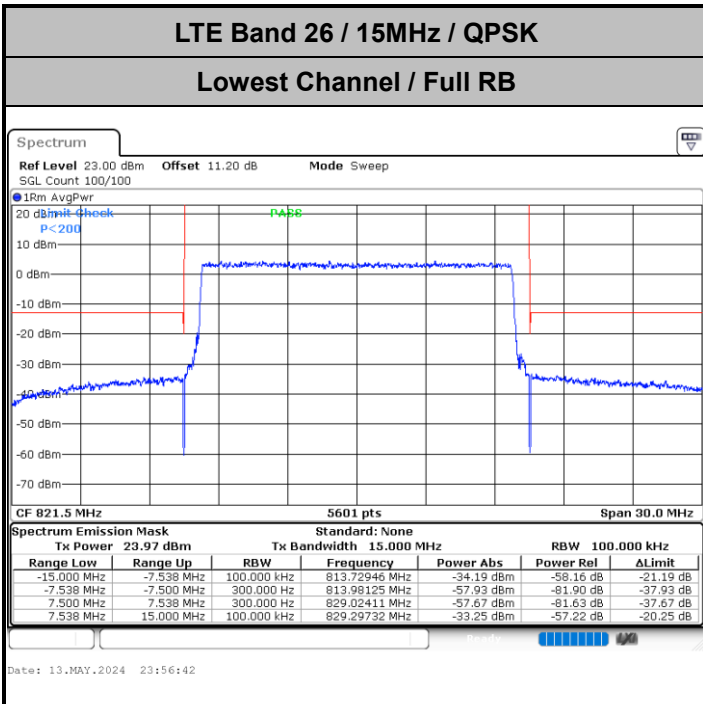
Highest Channel / Full RB



Date: 14.MAY.2024 00:31:52

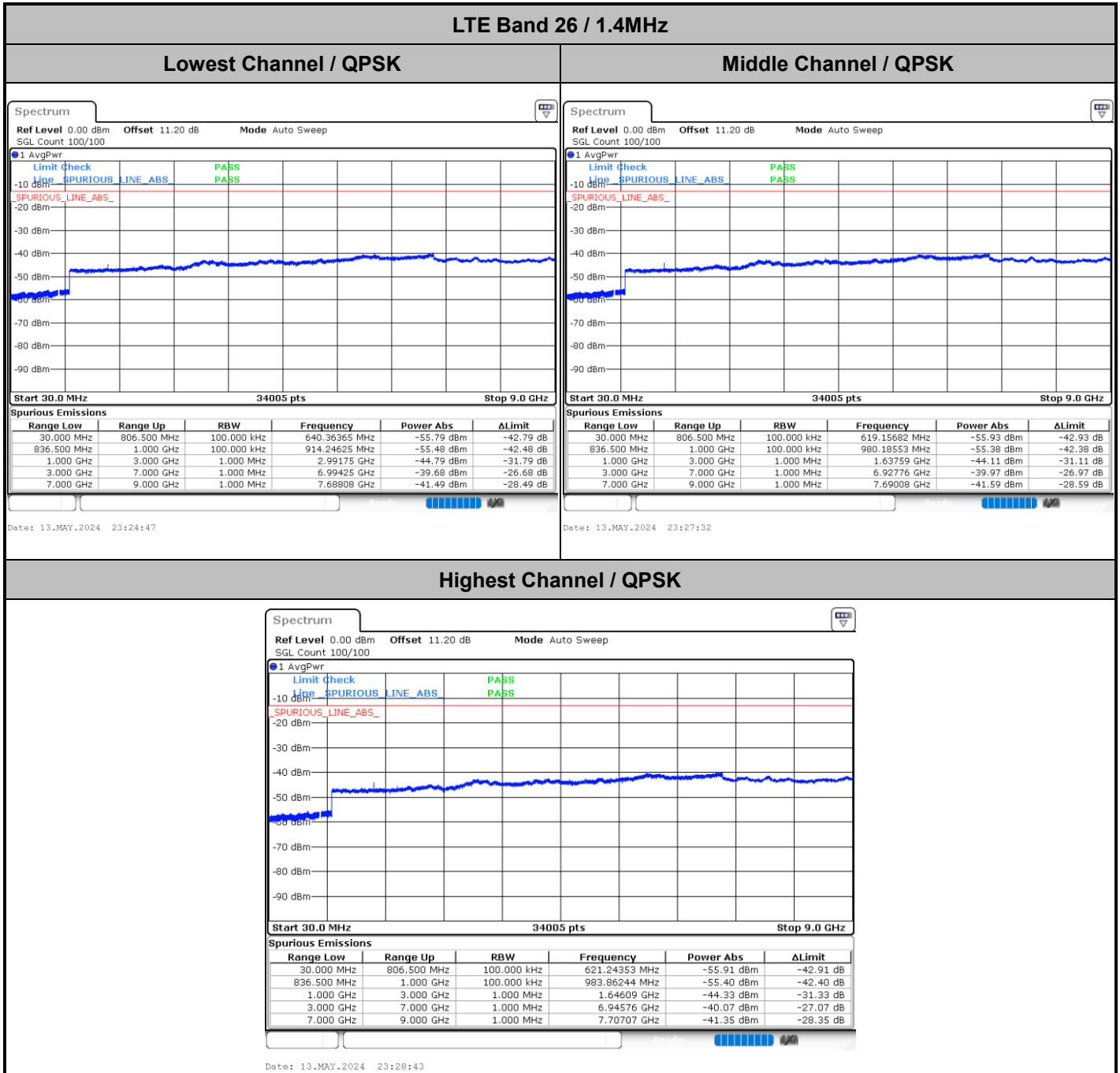
Date: 14.MAY.2024 00:33:30







Emission masks – Out of band emissions

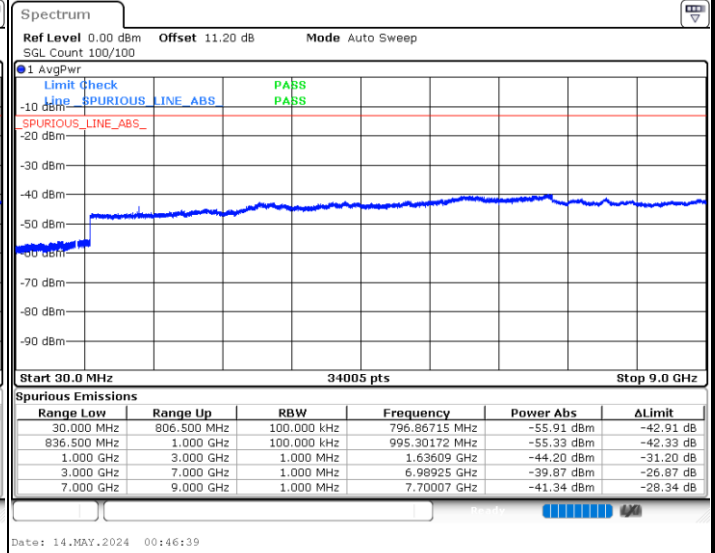
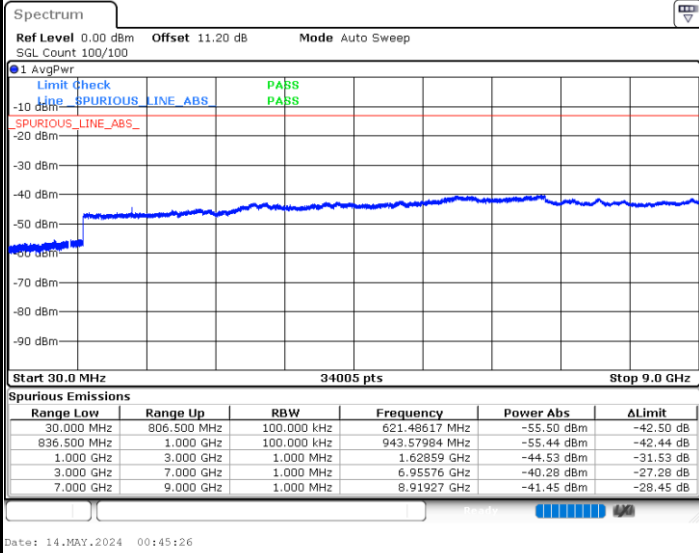




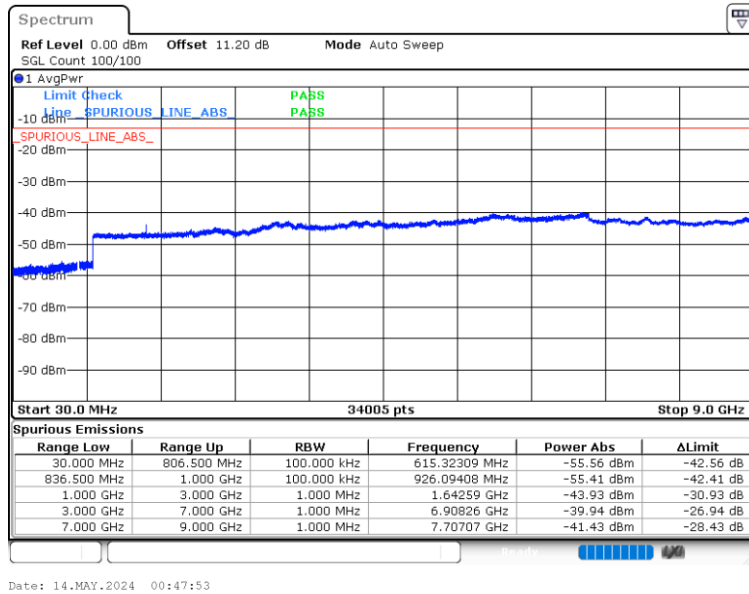
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



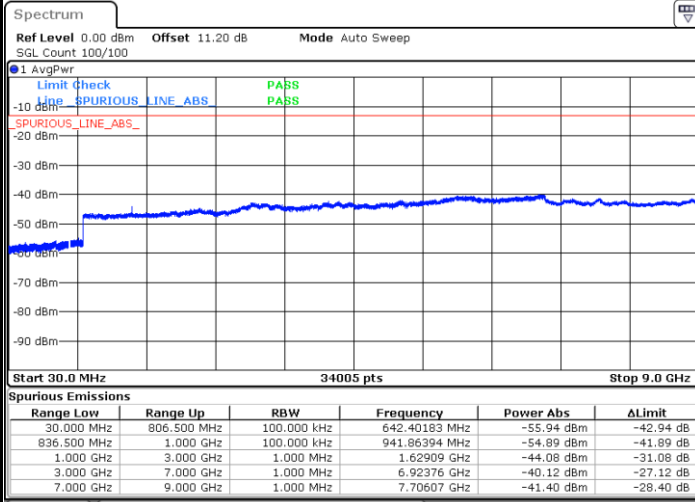
Highest Channel / QPSK





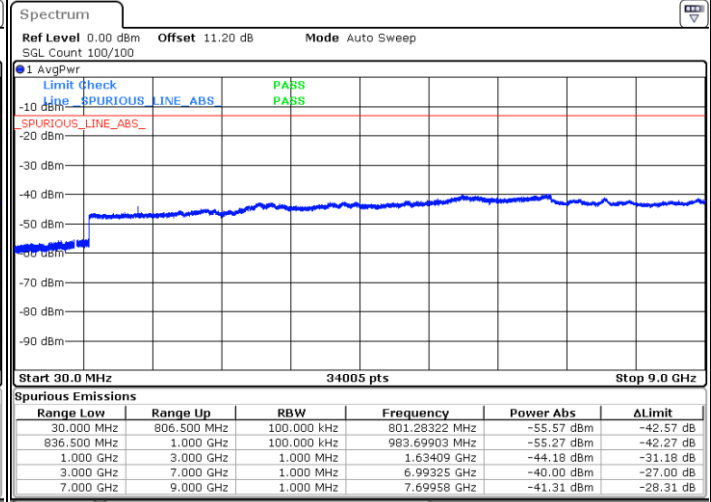
LTE Band 26 / 5MHz

Lowest Channel / QPSK



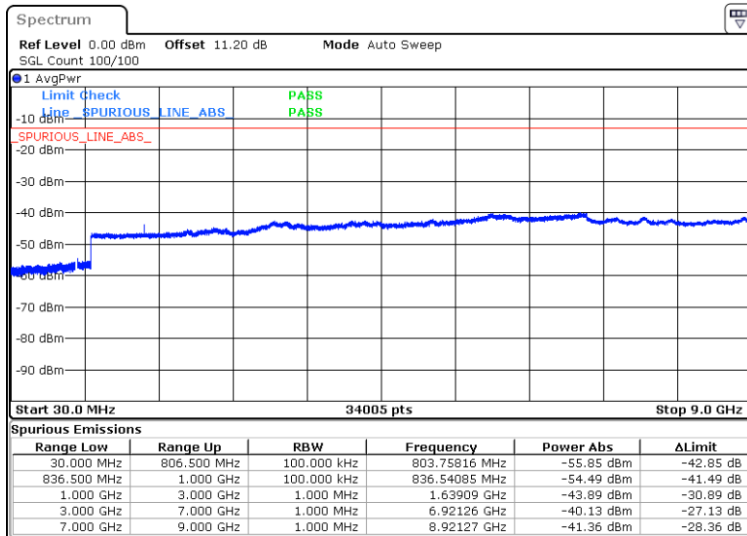
Date: 14.MAY.2024 00:49:49

Middle Channel / QPSK



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

Highest Channel / QPSK

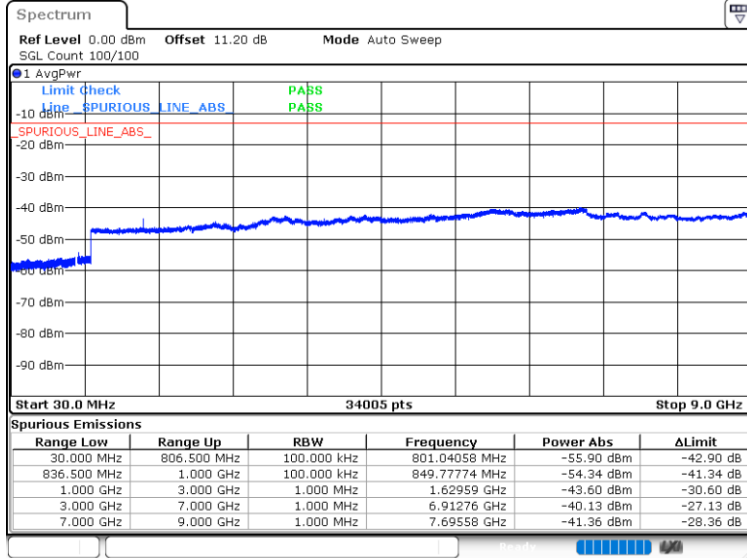


Date: 14.MAY.2024 00:52:16



LTE Band 26 / 10MHz

Middle Channel / QPSK

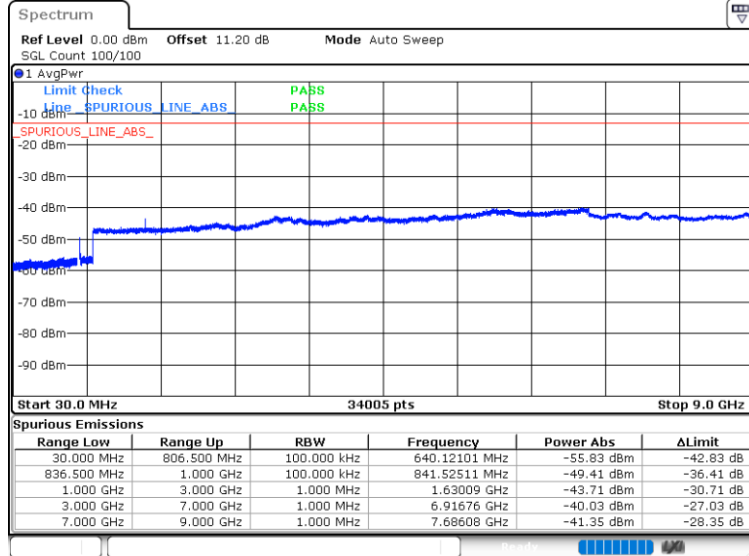


Date: 14.MAY.2024 00:54:13



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:

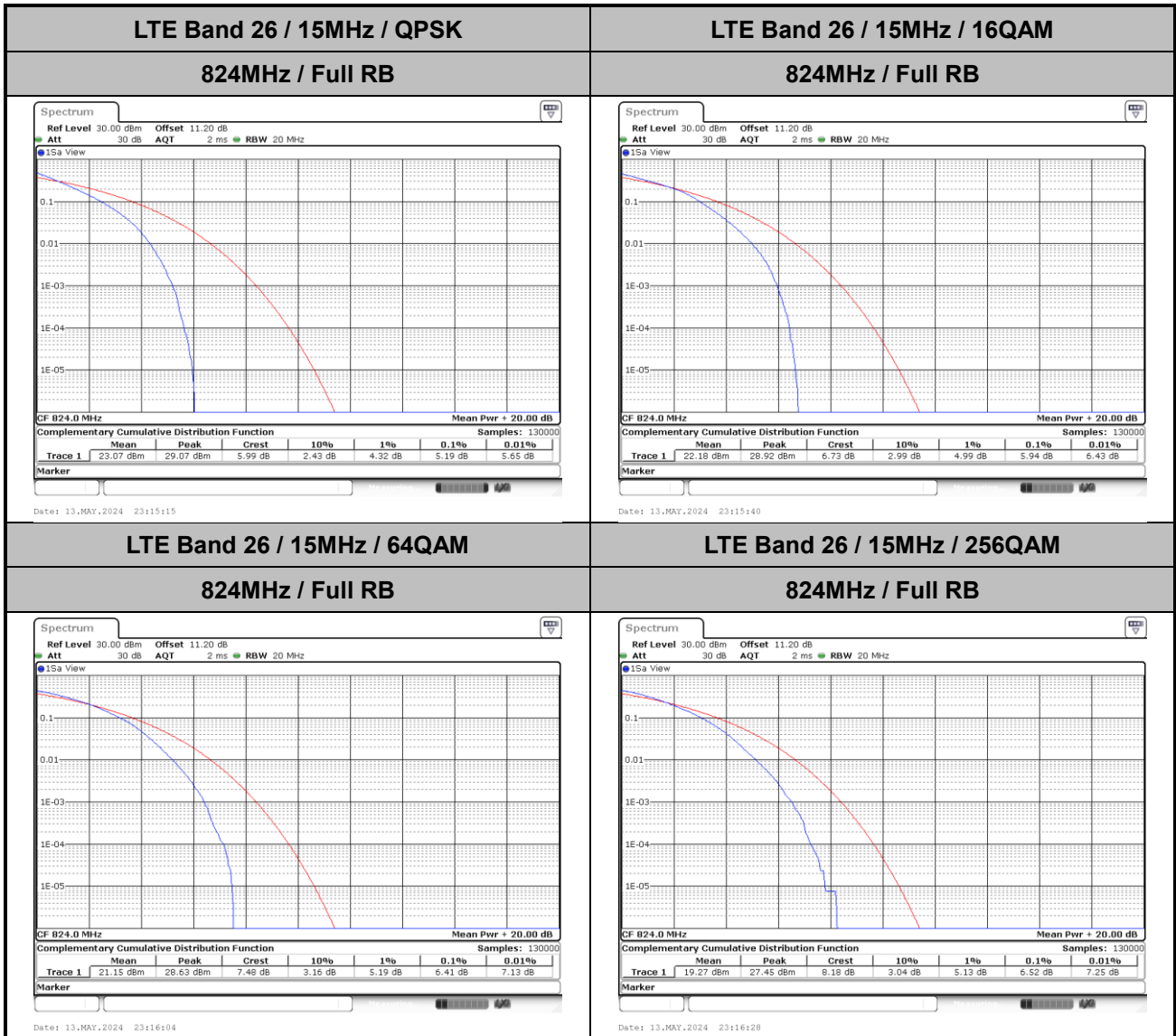
1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.145 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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





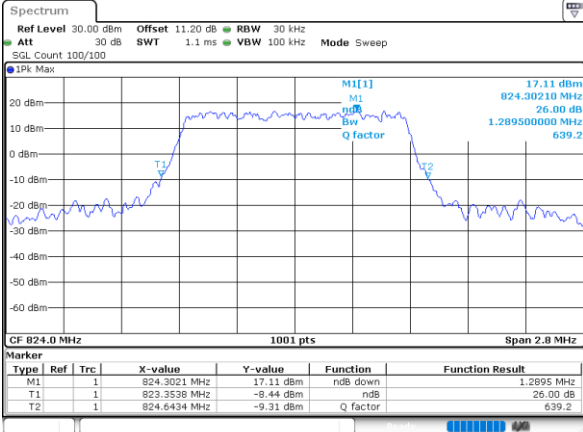
26dB Bandwidth

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	-	-



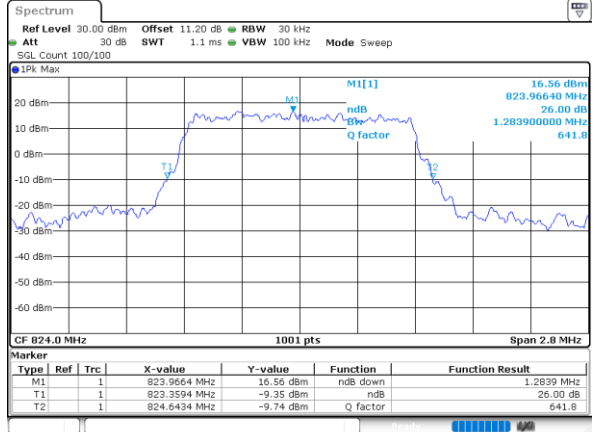
LTE Band 26

824MHz / 1.4MHz / QPSK



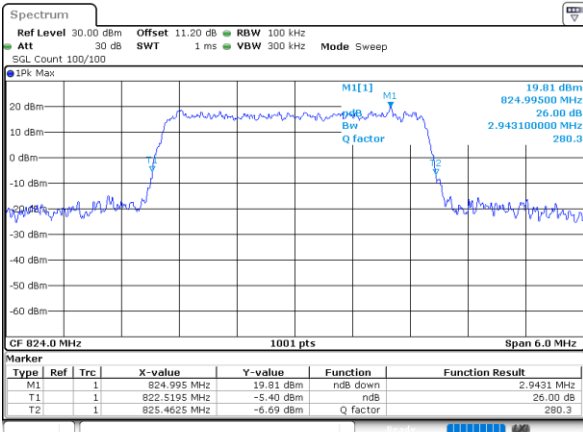
Date: 13.MAY.2024 22:50:47

824MHz / 1.4MHz / 16QAM



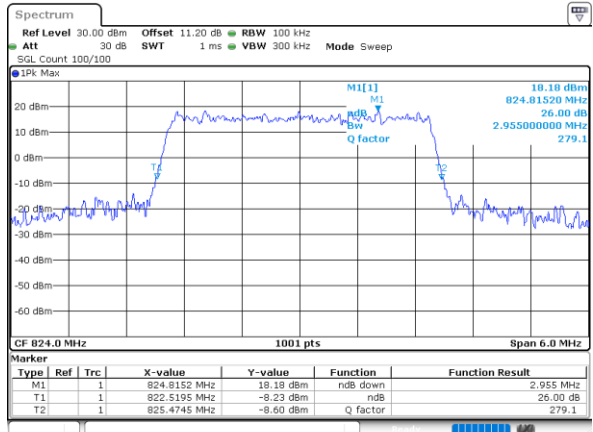
Date: 13.MAY.2024 22:51:12

824MHz / 3MHz / QPSK



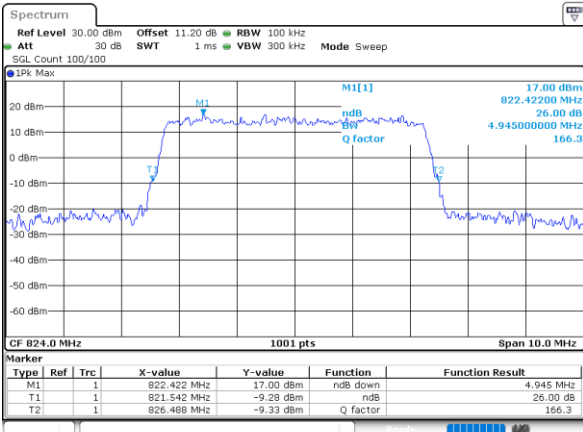
Date: 13.MAY.2024 23:02:40

824MHz / 3MHz / 16QAM



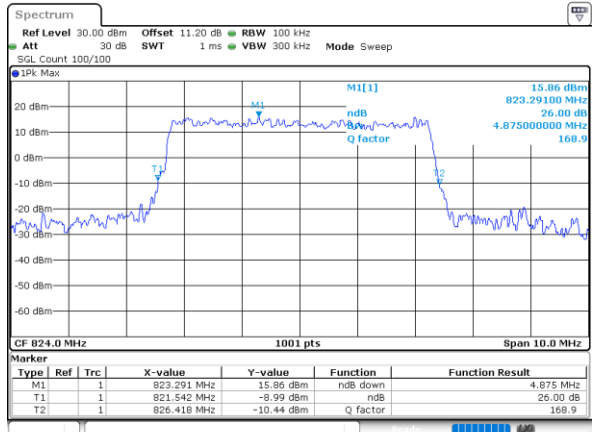
Date: 13.MAY.2024 23:03:03

824MHz / 5MHz / QPSK



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

824MHz / 5MHz / 16QAM

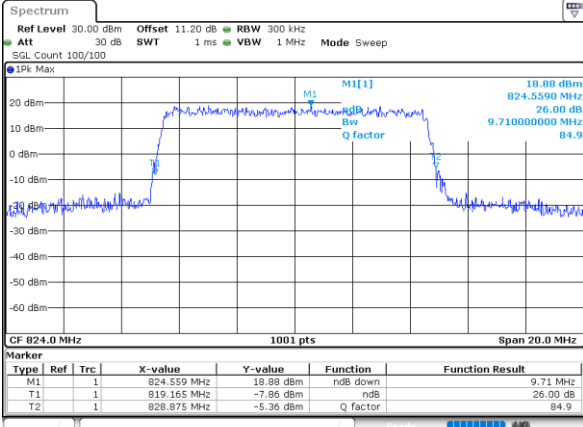


Date: 13.MAY.2024 23:06:13



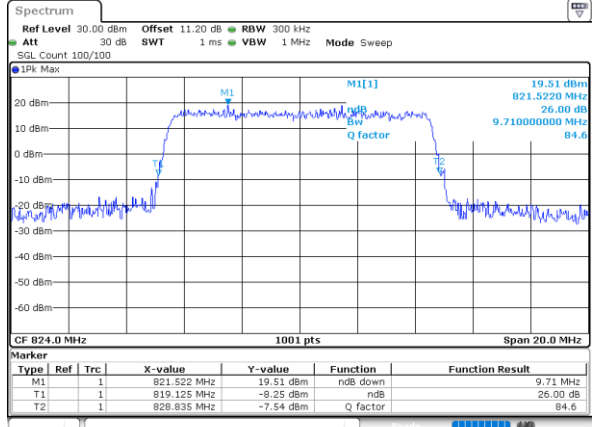
LTE Band 26

824MHz / 10MHz / QPSK



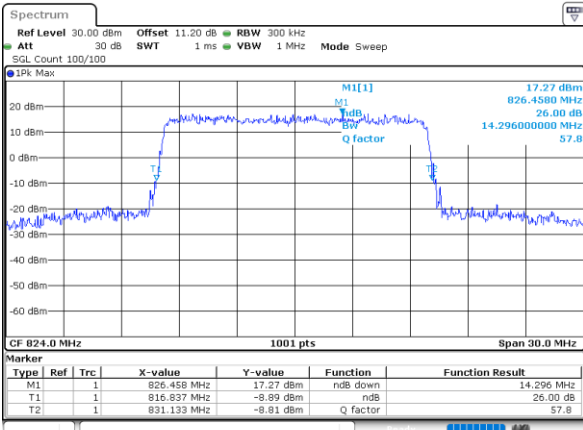
Date: 13.MAY.2024 23:09:16

824MHz / 10MHz / 16QAM



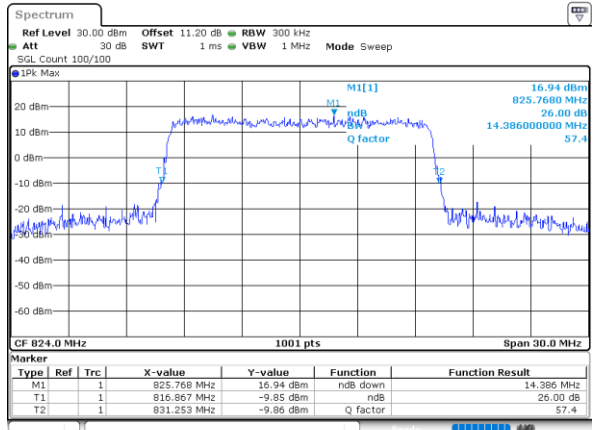
Date: 13.MAY.2024 23:09:39

824MHz / 15MHz / QPSK



Date: 13.MAY.2024 23:12:26

824MHz / 15MHz / 16QAM

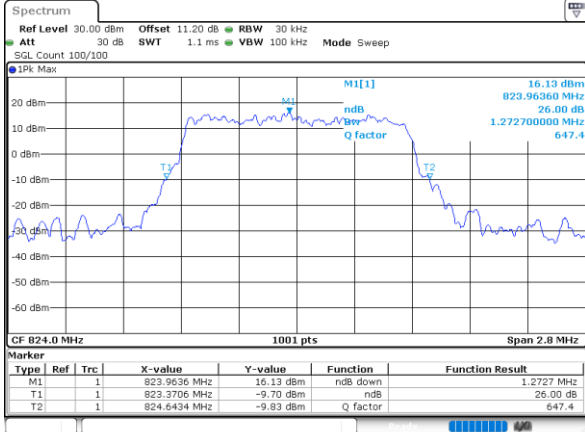


Date: 13.MAY.2024 23:12:50



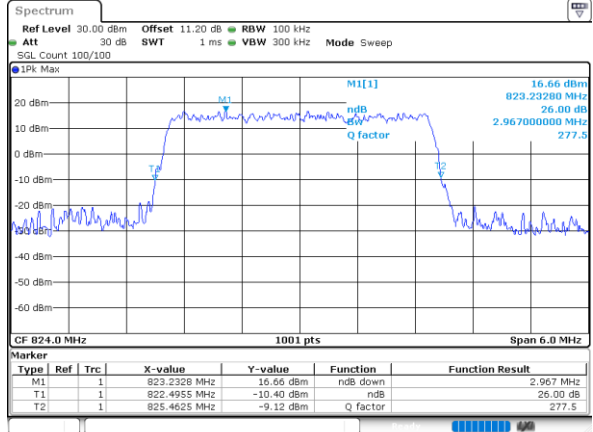
LTE Band 26

824MHz / 1.4MHz / 64QAM



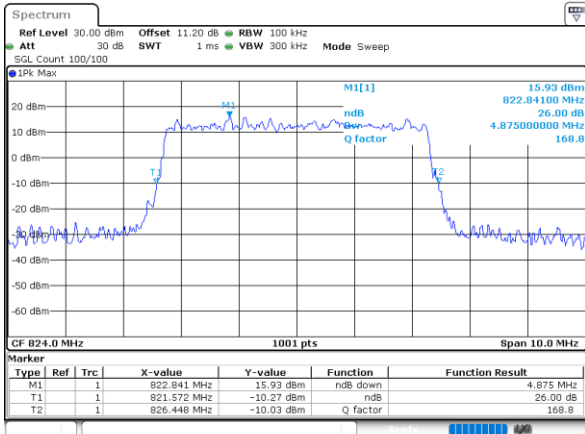
Date: 13.MAY.2024 22:52:03

824MHz / 3MHz / 64QAM



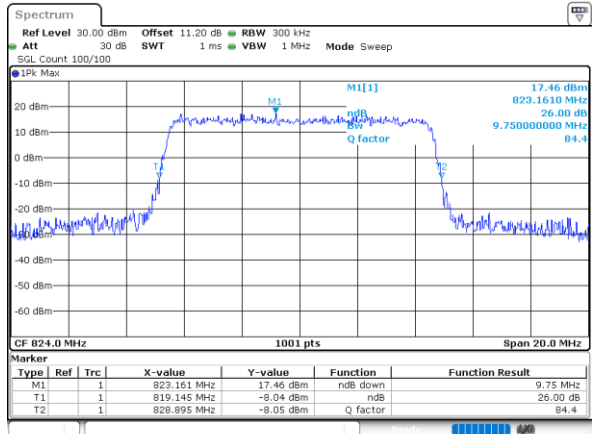
Date: 13.MAY.2024 23:04:12

824MHz / 5MHz / 64QAM



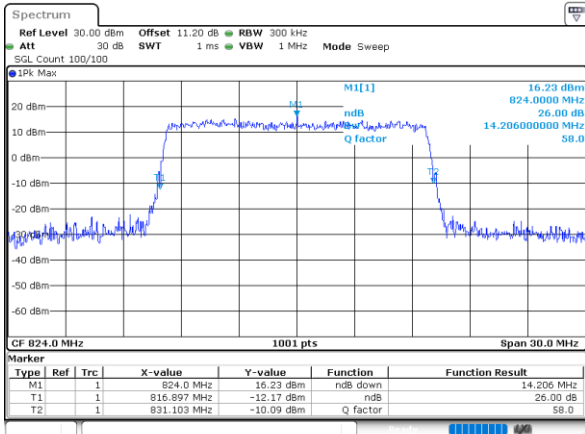
Date: 13.MAY.2024 23:07:22

824MHz / 10MHz / 64QAM



Date: 13.MAY.2024 23:10:48

824MHz / 15MHz / 64QAM



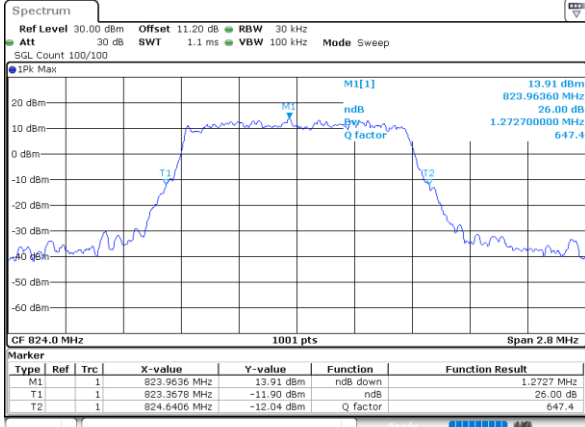
Date: 13.MAY.2024 23:13:59

N/A



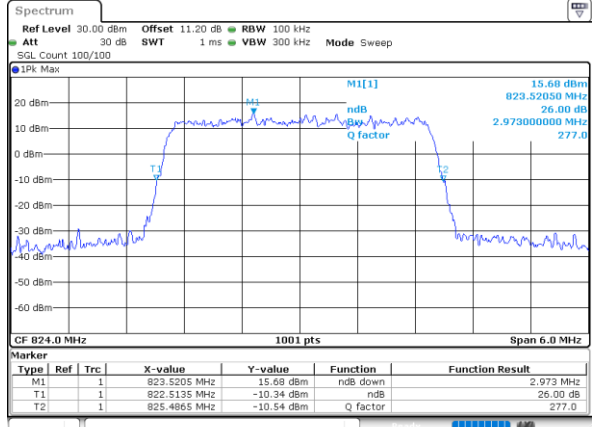
LTE Band 26

824MHz / 1.4MHz / 256QAM



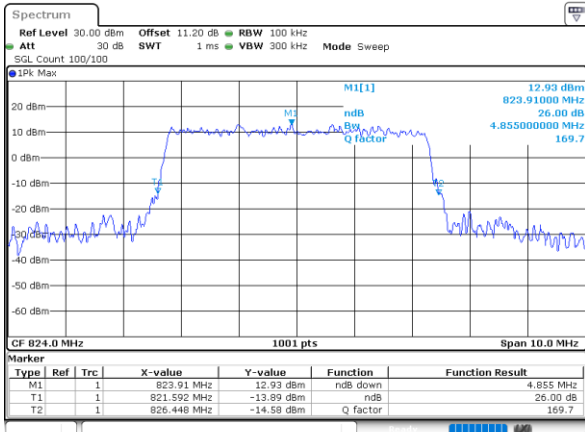
Date: 13.MAY.2024 22:52:41

824MHz / 3MHz / 256QAM



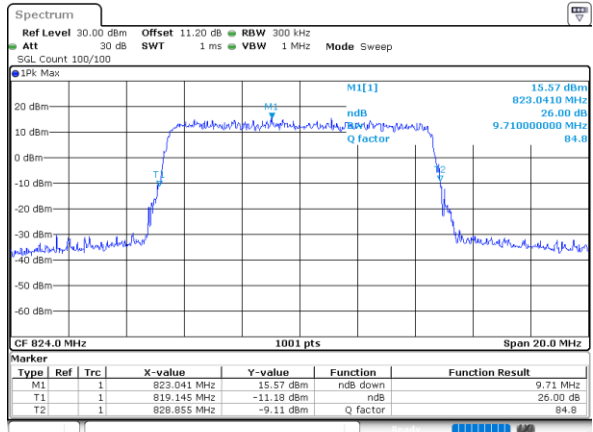
Date: 13.MAY.2024 23:05:01

824MHz / 5MHz / 256QAM



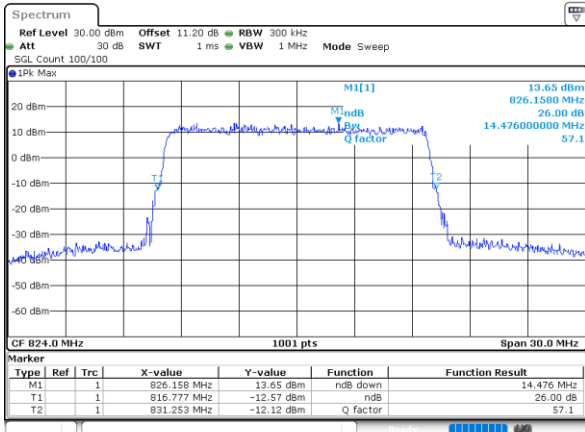
Date: 13.MAY.2024 23:08:26

824MHz / 10MHz / 256QAM



Date: 13.MAY.2024 23:11:57

824MHz / 15MHz / 256QAM



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

N/A



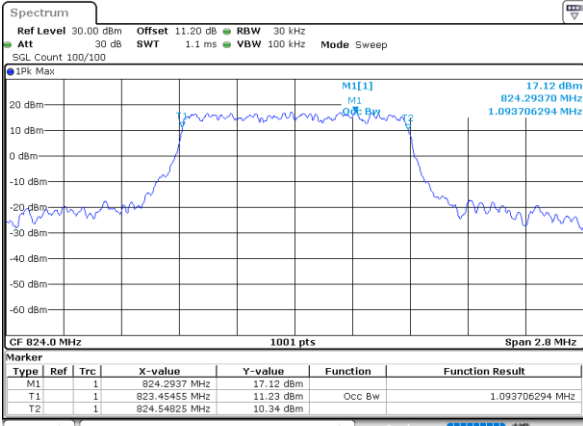
Occupied Bandwidth

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	-	-

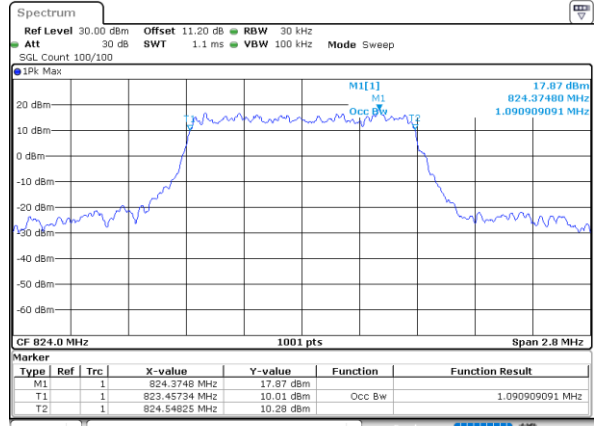


LTE Band 26

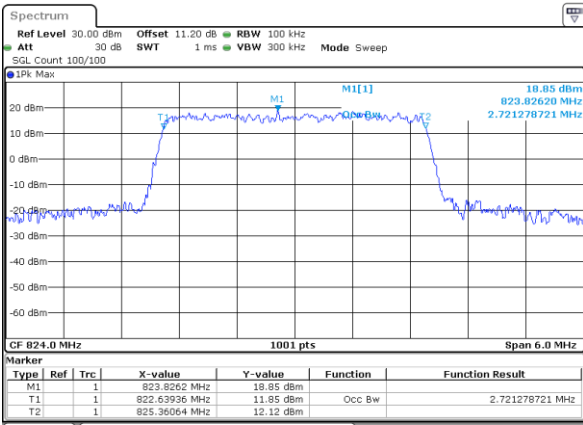
824MHz / 1.4MHz / QPSK



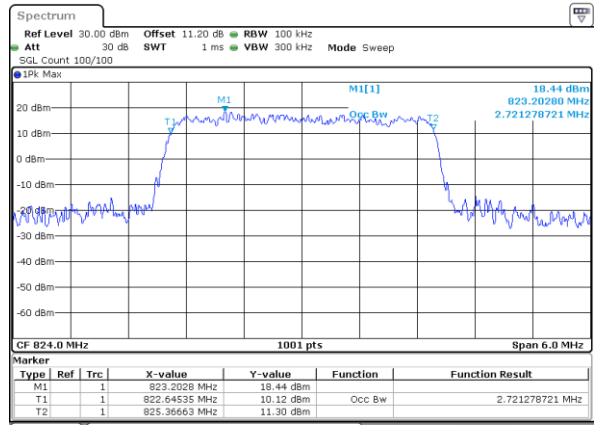
824MHz / 1.4MHz / 16QAM



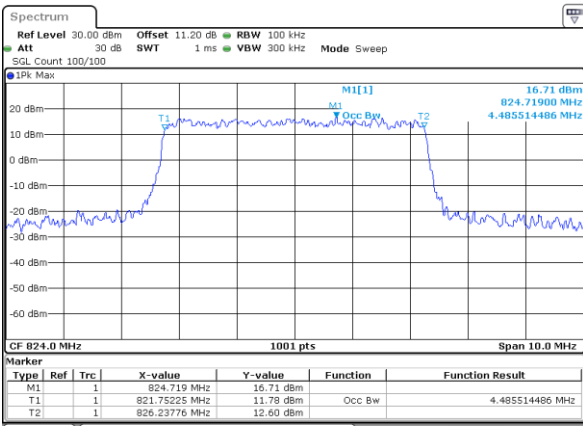
824MHz / 3MHz / QPSK



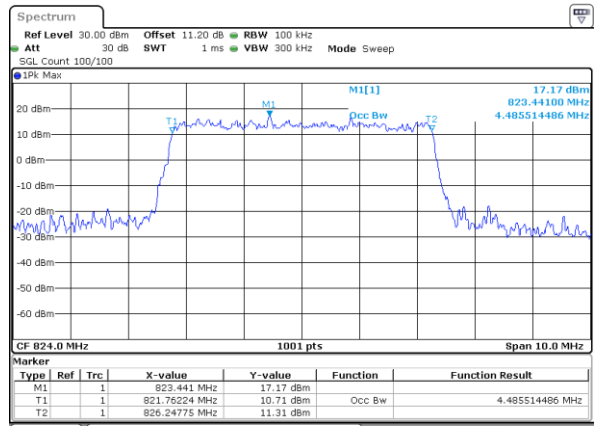
824MHz / 3MHz / 16QAM



824MHz / 5MHz / QPSK



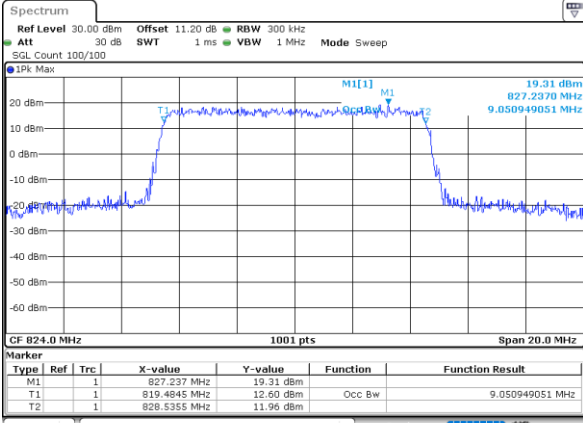
824MHz / 5MHz / 16QAM



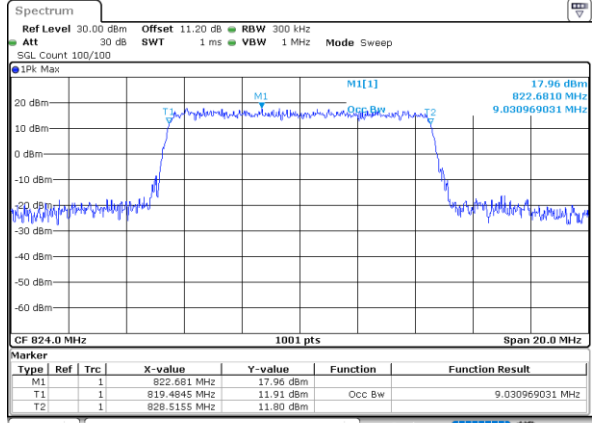


LTE Band 26

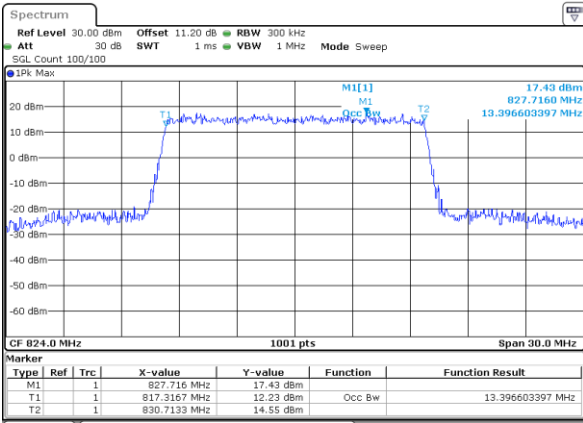
824MHz / 10MHz / QPSK



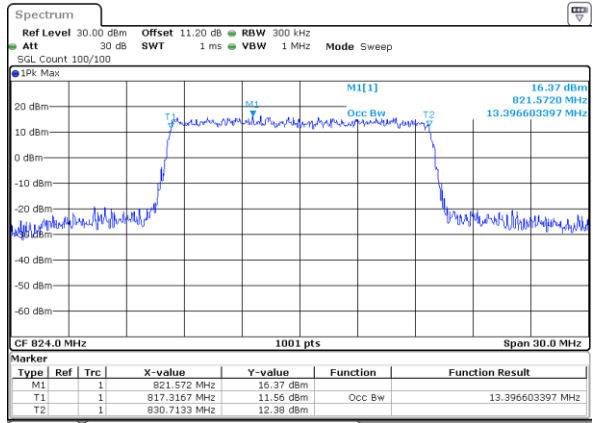
824MHz / 10MHz / 16QAM



824MHz / 15MHz / QPSK



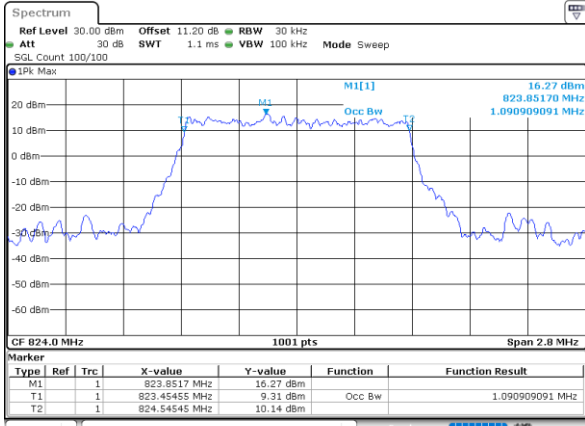
824MHz / 15MHz / 16QAM



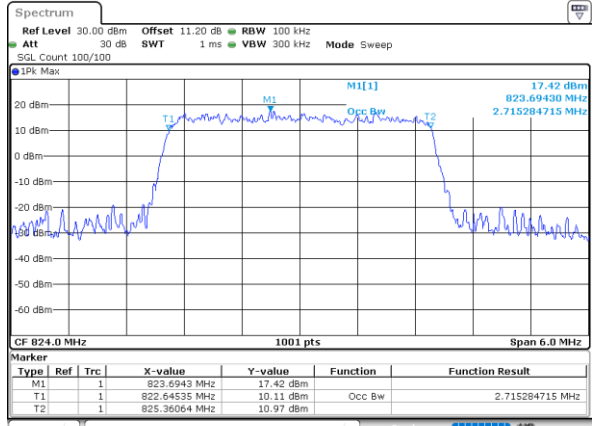


LTE Band 26

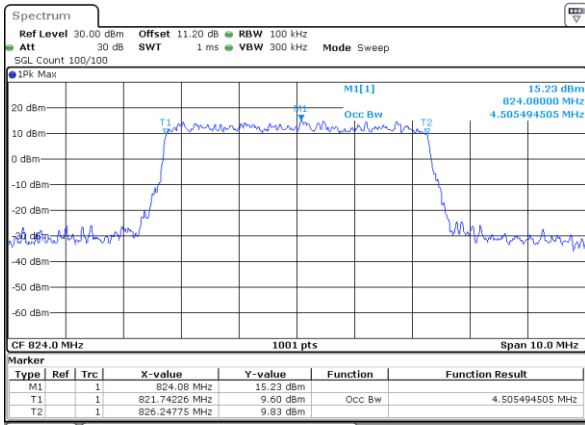
824MHz / 1.4MHz / 64QAM



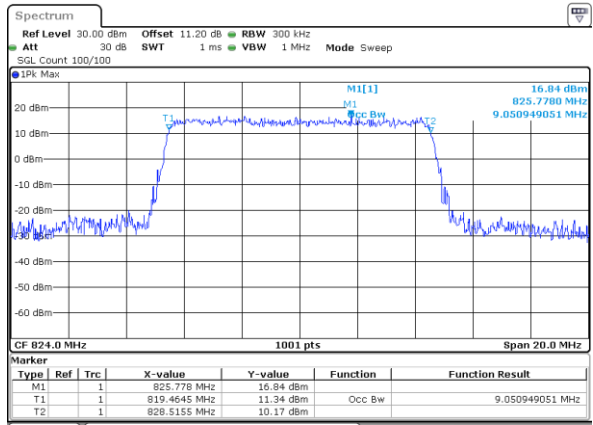
824MHz / 3MHz / 64QAM



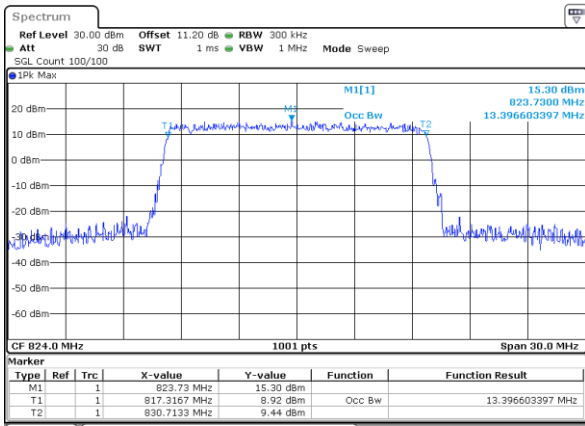
824MHz / 5MHz / 64QAM



824MHz / 10MHz / 64QAM



824MHz / 15MHz / 64QAM

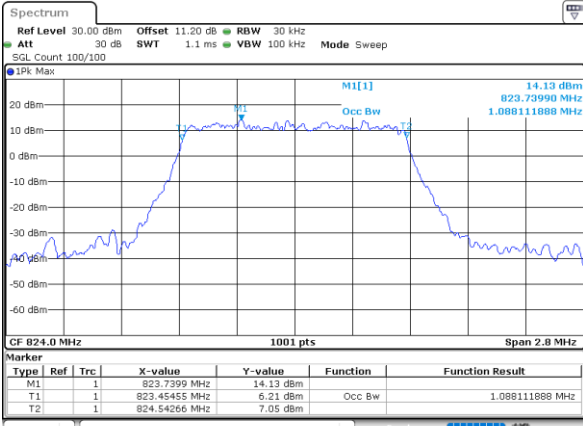


N/A

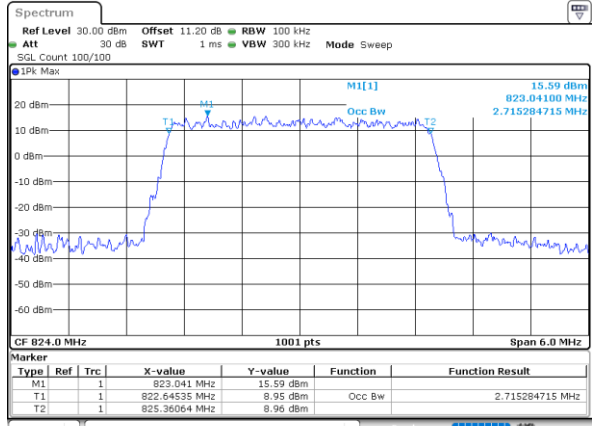


LTE Band 26

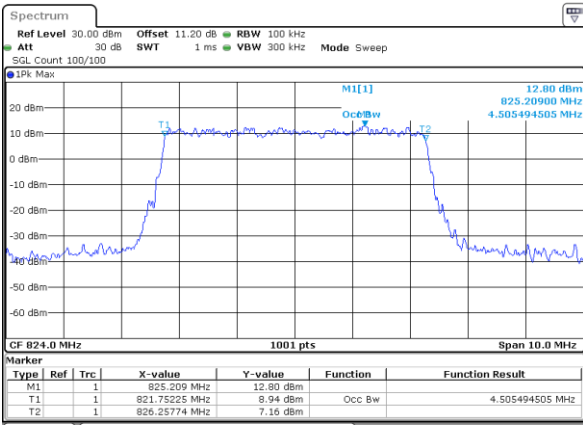
824MHz / 1.4MHz / 256QAM



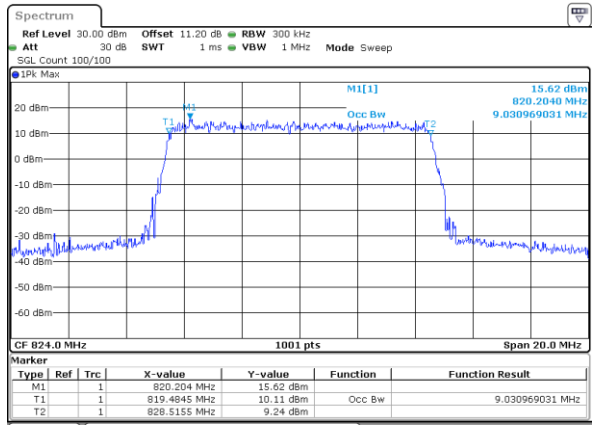
824MHz / 3MHz / 256QAM



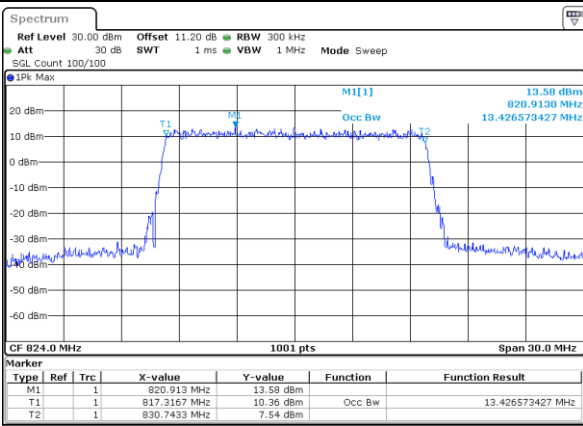
824MHz / 5MHz / 256QAM



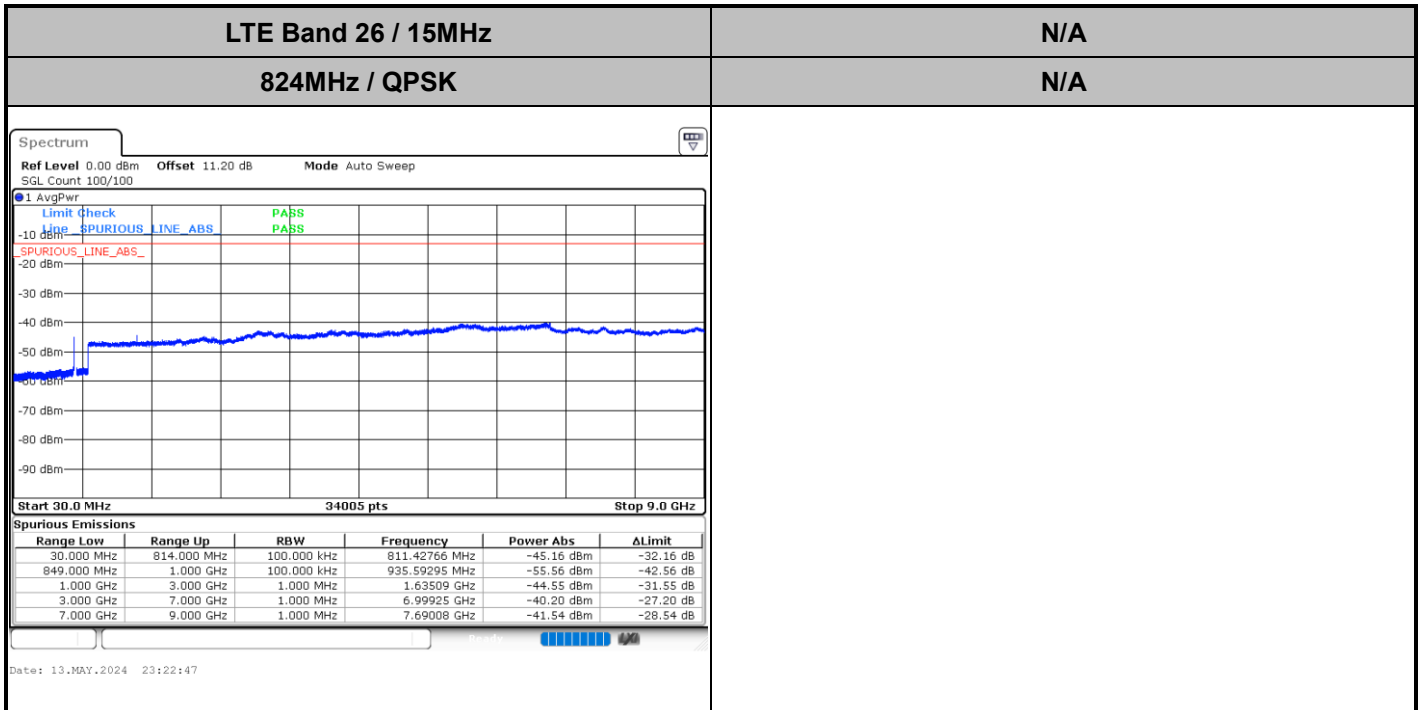
824MHz / 10MHz / 256QAM



824MHz / 15MHz / 256QAM



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:

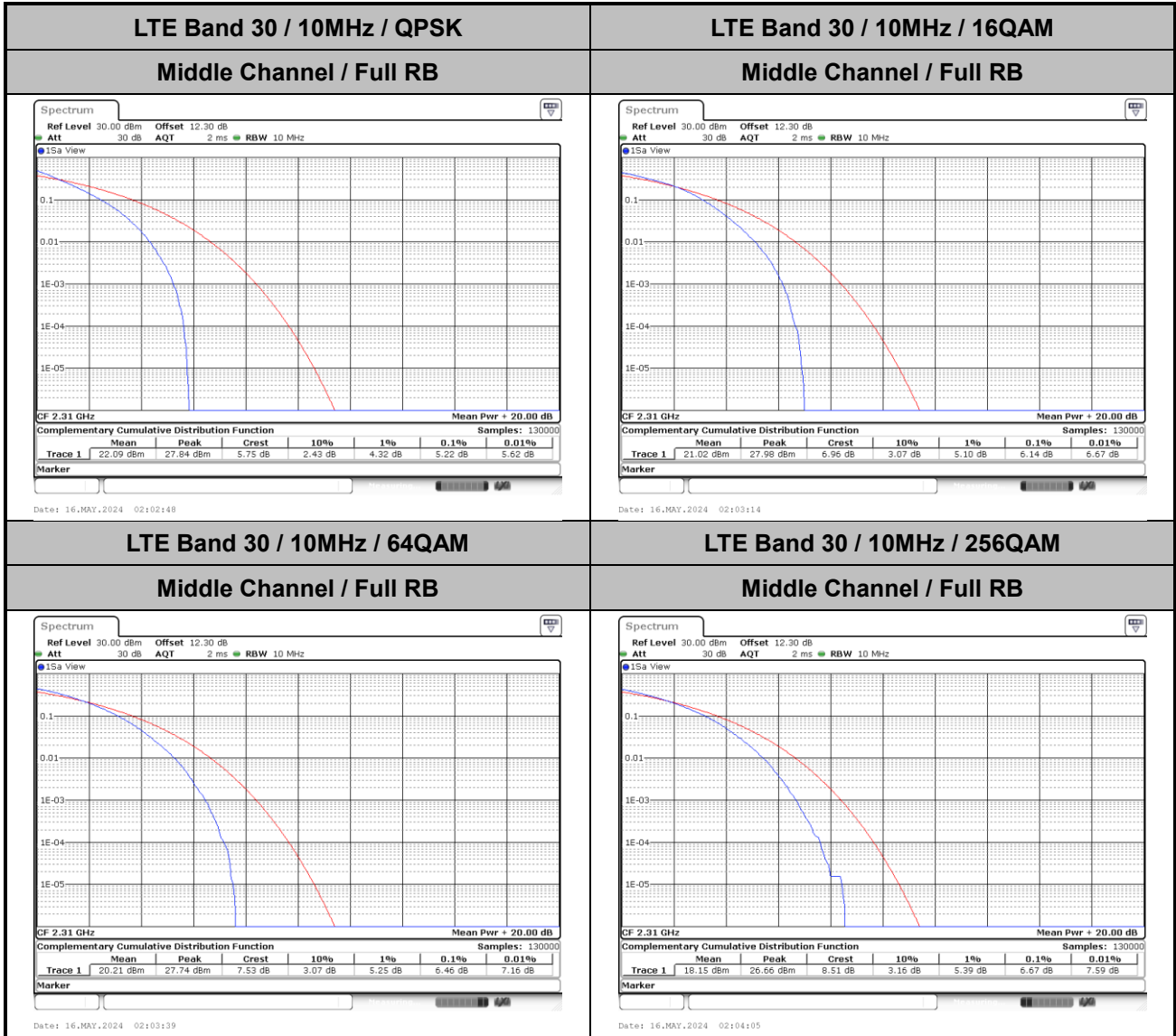
1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.145 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



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





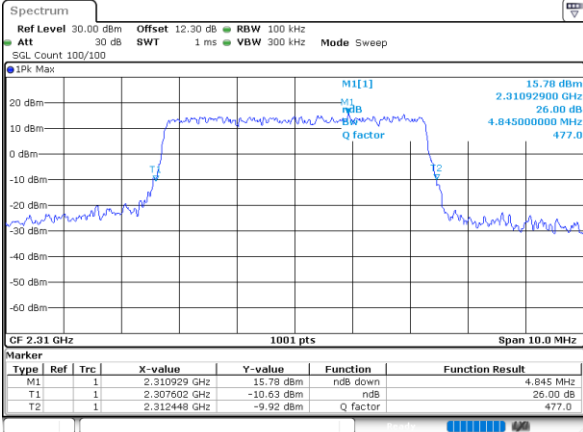
26dB Bandwidth

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	-	-	-	-



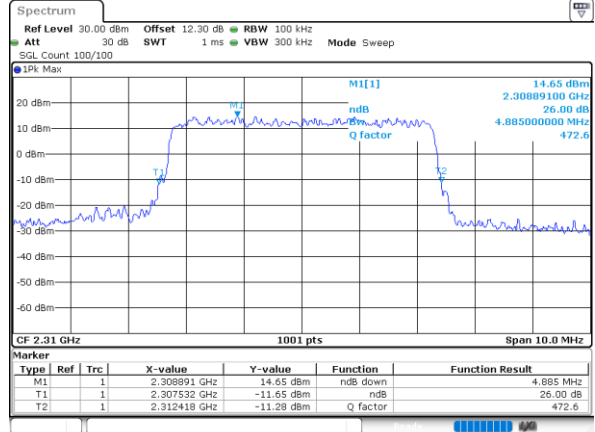
LTE Band 30

Middle Channel / 5MHz / QPSK



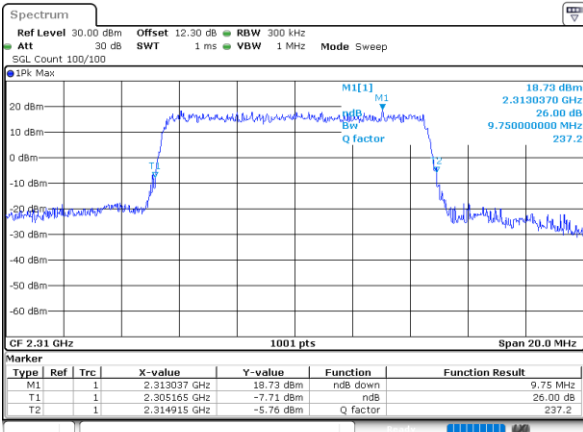
Date: 16.MAY.2024 01:55:54

Middle Channel / 5MHz / 16QAM



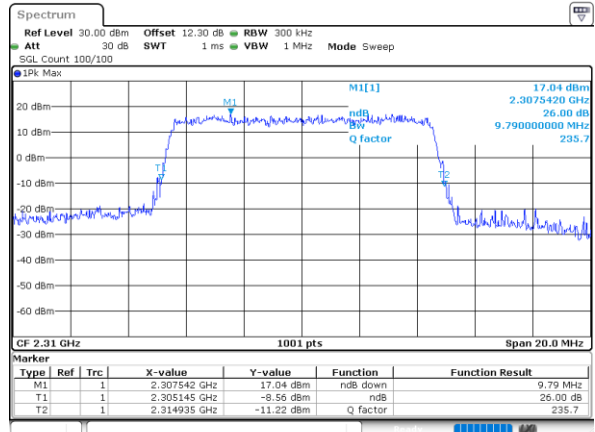
Date: 16.MAY.2024 01:56:18

Middle Channel / 10MHz / QPSK



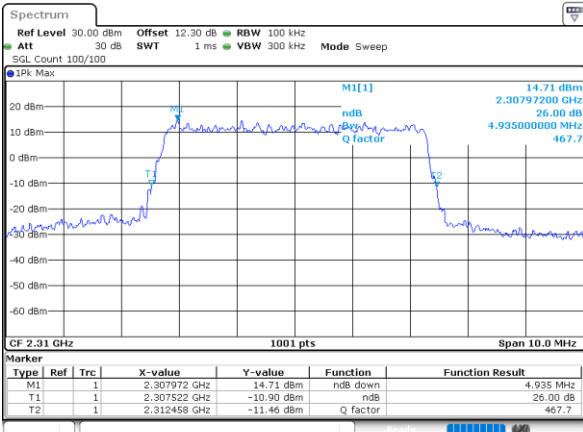
Date: 16.MAY.2024 02:01:09

Middle Channel / 10MHz / 16QAM



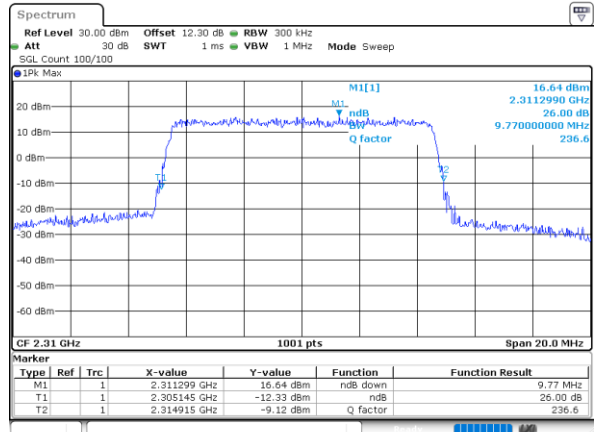
Date: 16.MAY.2024 02:01:34

Middle Channel / 5MHz / 64QAM



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

Middle Channel / 10MHz / 64QAM



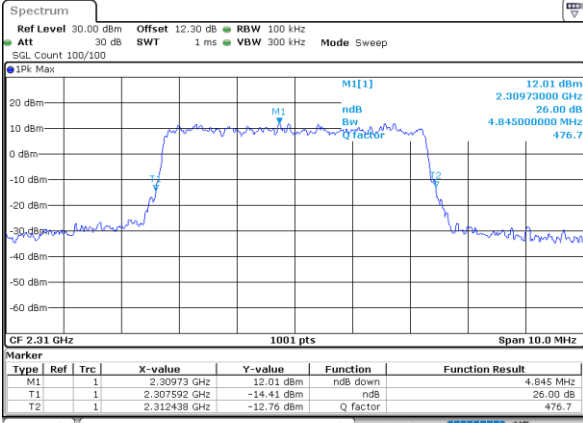
Date: 16.MAY.2024 02:01:58



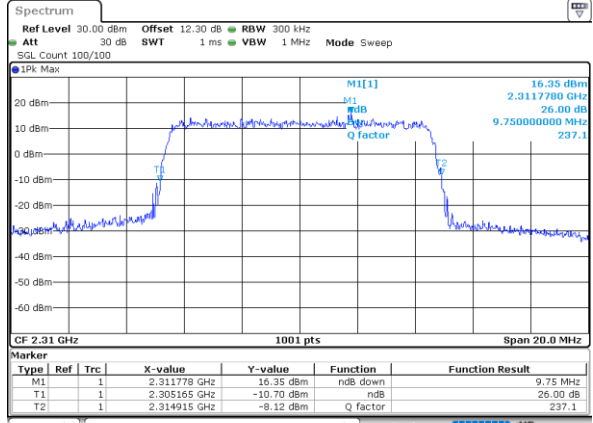
LTE Band 30

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



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



Date: 16.MAY.2024 02:02:23



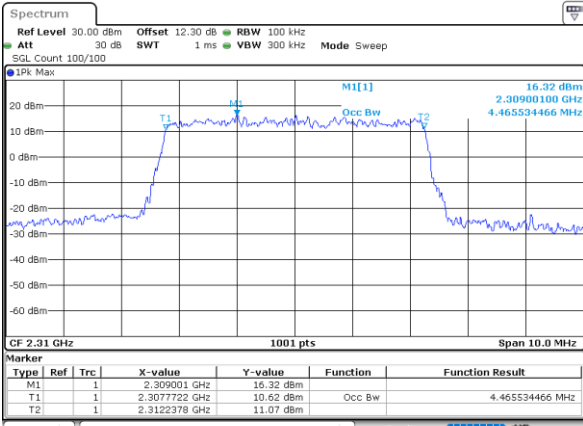
Occupied Bandwidth

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	-	-	-	-



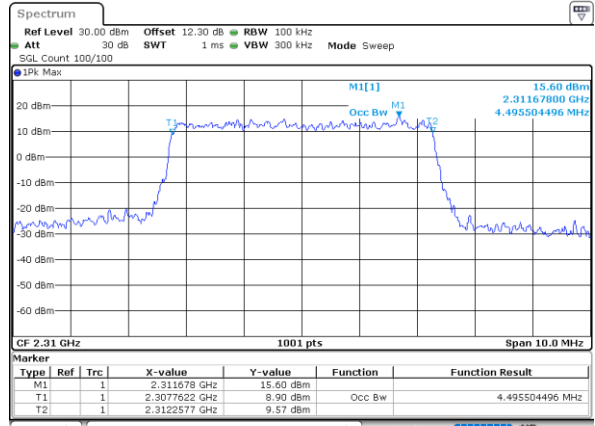
LTE Band 30

Middle Channel / 5MHz / QPSK



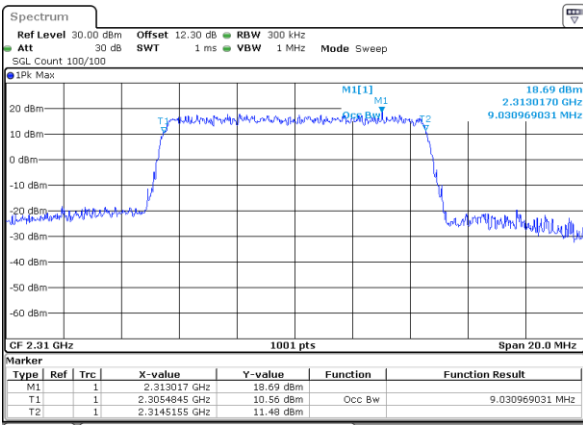
Date: 16.MAY.2024 01:54:16

Middle Channel / 5MHz / 16QAM



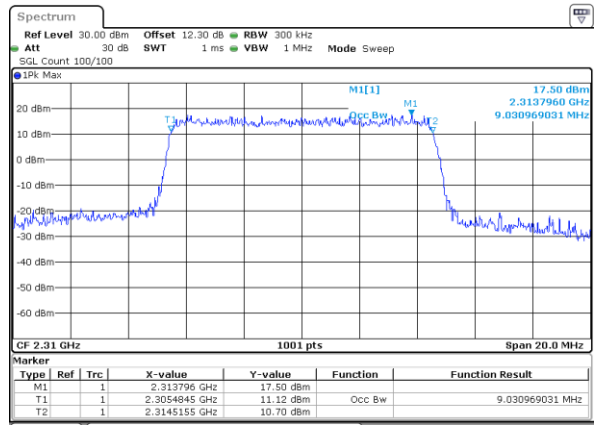
Date: 16.MAY.2024 01:54:40

Middle Channel / 10MHz / QPSK



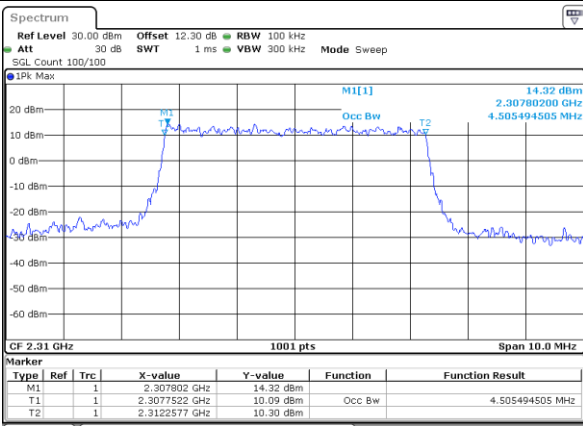
Date: 16.MAY.2024 01:59:31

Middle Channel / 10MHz / 16QAM



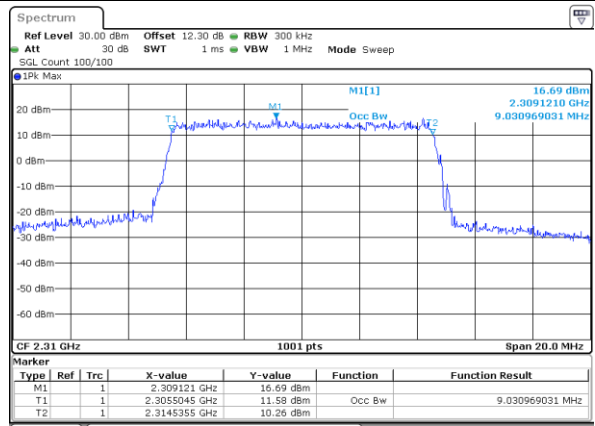
Date: 16.MAY.2024 01:59:56

Middle Channel / 5MHz / 64QAM



Date: 16.MAY.2024 01:55:05

Middle Channel / 10MHz / 64QAM



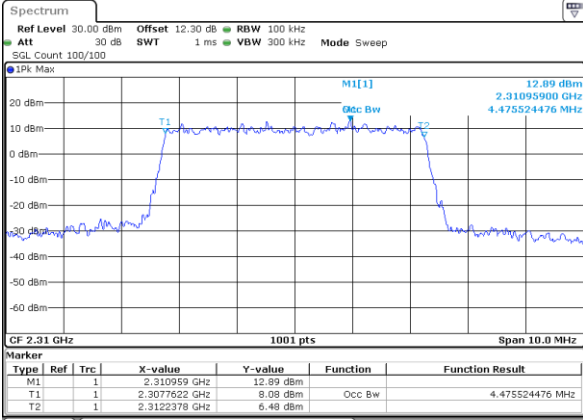
Date: 16.MAY.2024 02:10:20



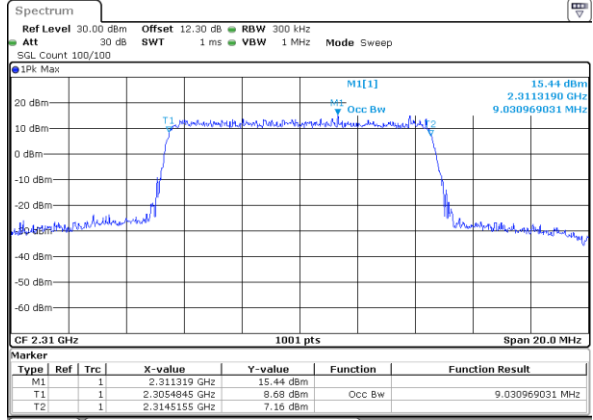
LTE Band 30

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 16.MAY.2024 01:55:29



Date: 16.MAY.2024 02:00:45