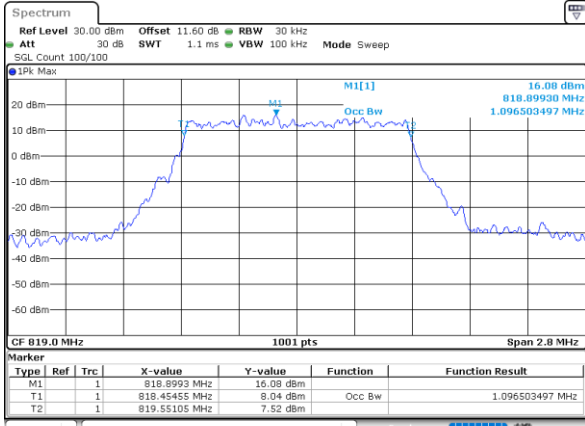




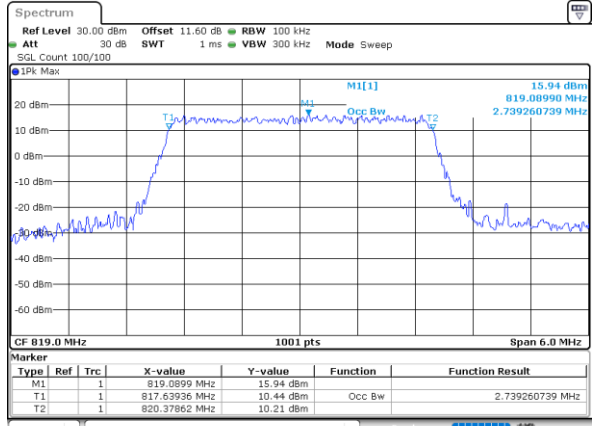
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



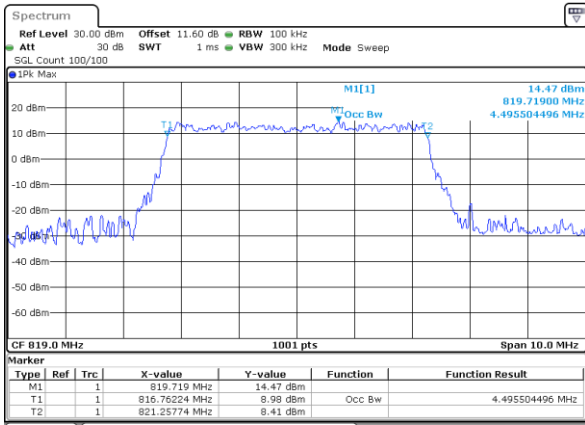
Date: 30.MAY.2024 11:06:17

Middle Channel / 3MHz / 64QAM



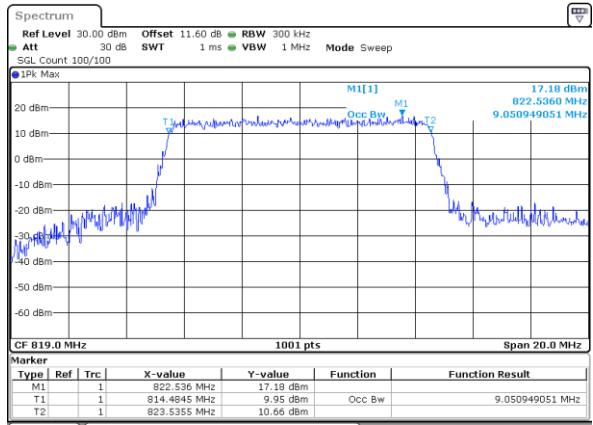
Date: 30.MAY.2024 11:25:31

Middle Channel / 5MHz / 64QAM



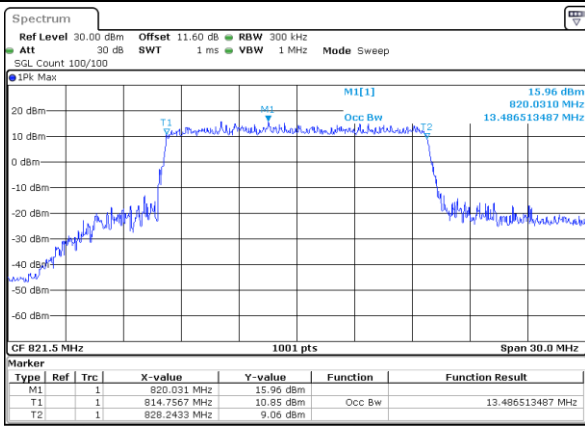
Date: 30.MAY.2024 11:32:55

Middle Channel / 10MHz / 64QAM



Date: 30.MAY.2024 11:42:19

Low Channel / 15MHz / 64QAM

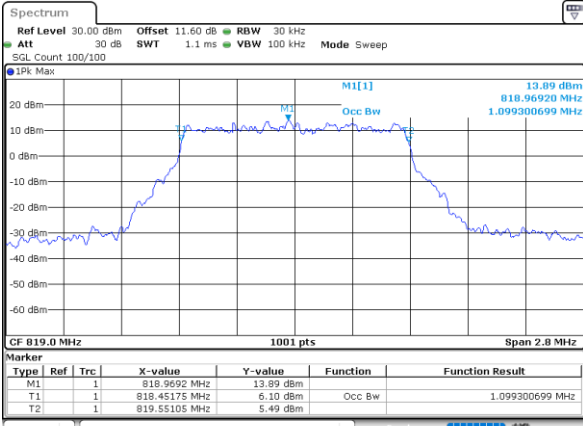


Date: 30.MAY.2024 11:56:09

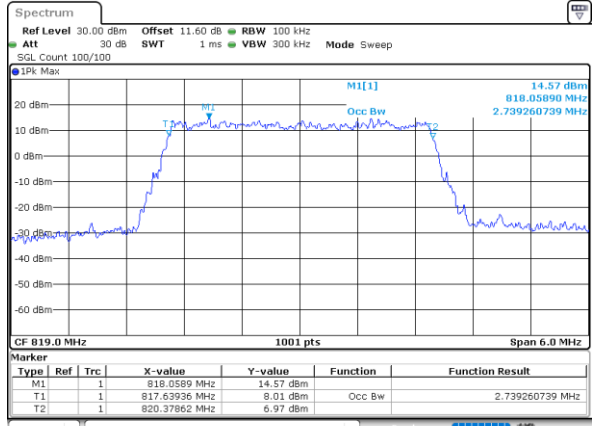


LTE Band 26

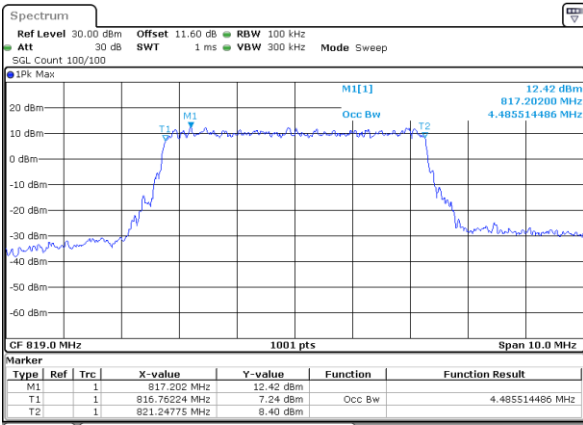
Middle Channel / 1.4MHz / 256QAM



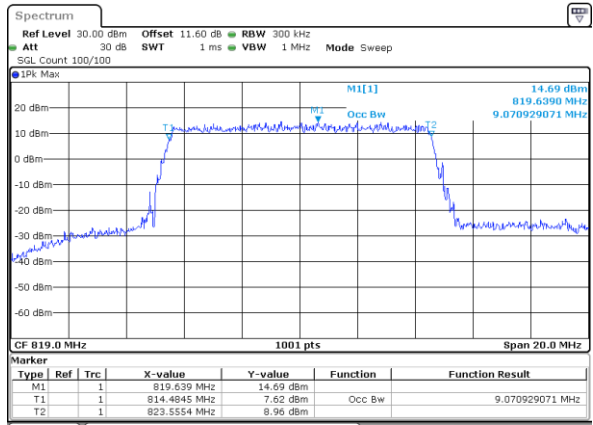
Middle Channel / 3MHz / 256QAM



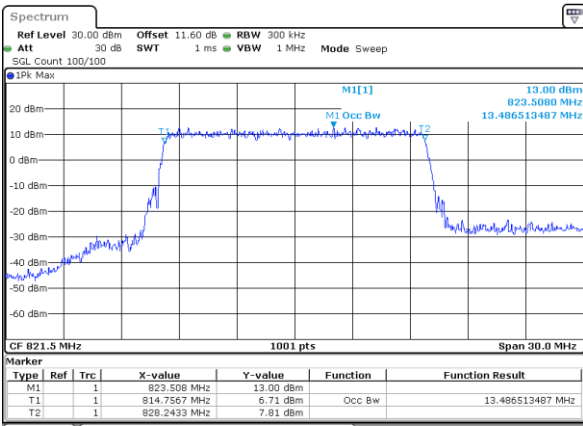
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

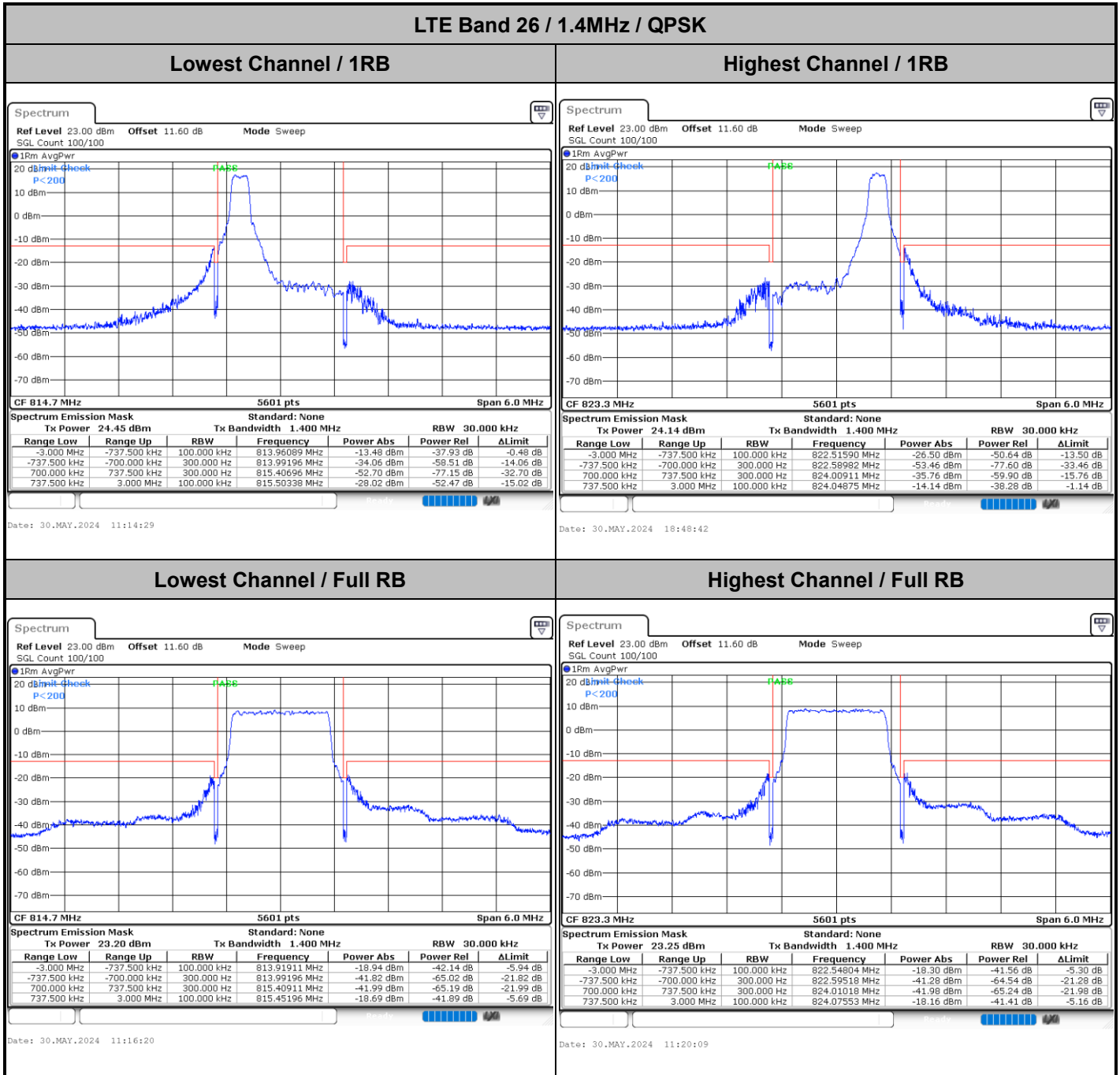


Low Channel / 15MHz / 256QAM





# Emission masks – In-band emissions

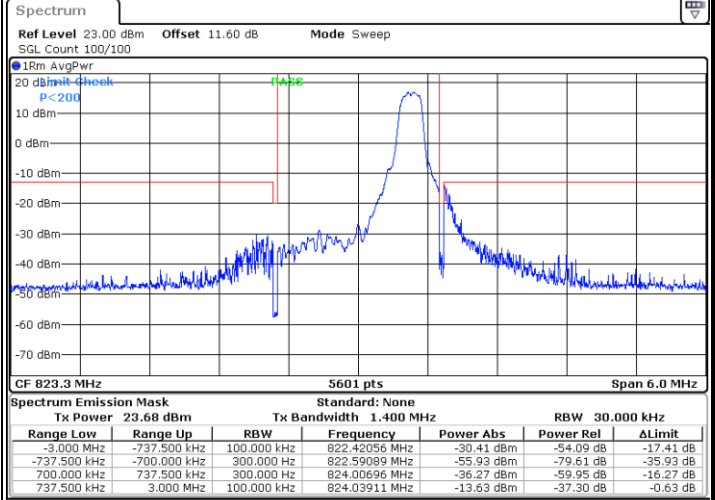
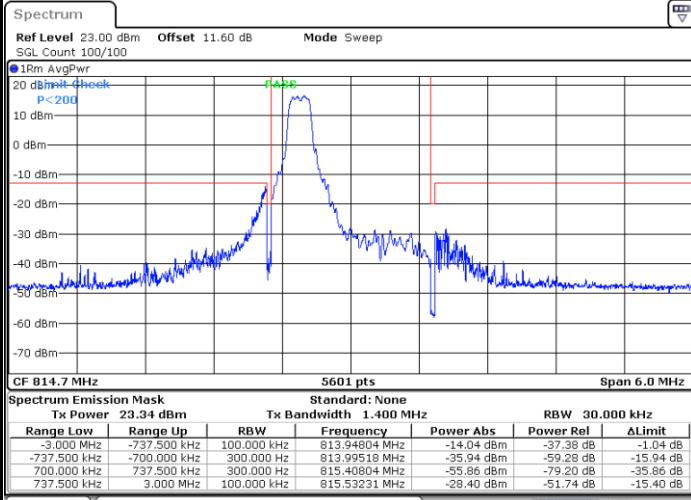




LTE Band 26 / 1.4MHz / 16QAM

Lowest Channel / 1 RB

Highest Channel / 1 RB

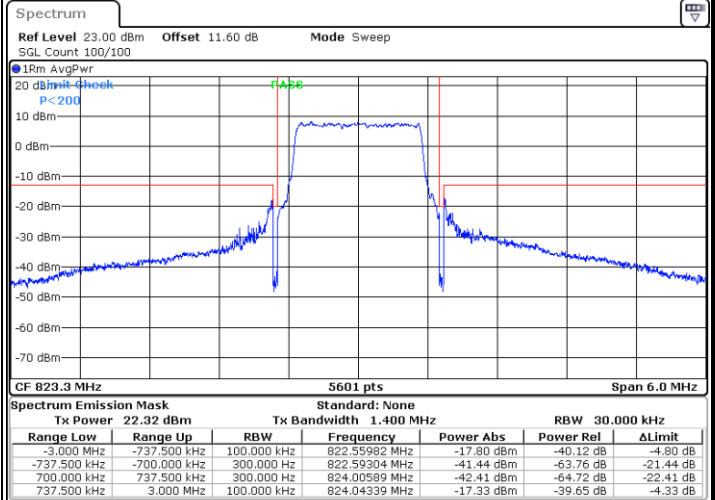
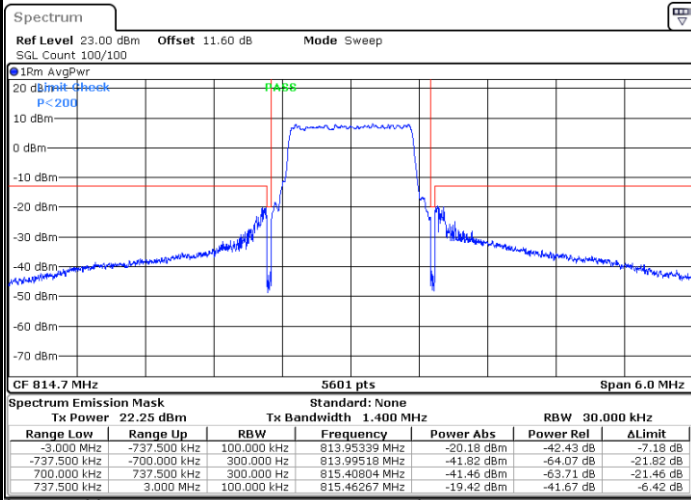


Date: 30.MAY.2024 11:15:24

Date: 30.MAY.2024 11:19:11

Lowest Channel / Full RB

Highest Channel / Full RB



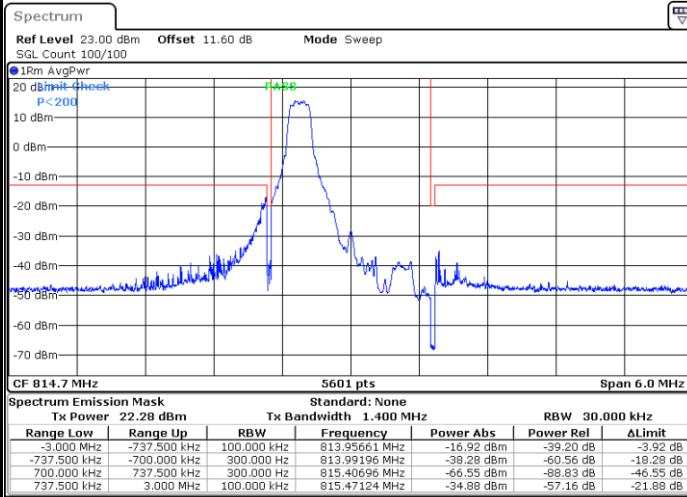
Date: 30.MAY.2024 11:17:18

Date: 30.MAY.2024 11:21:10



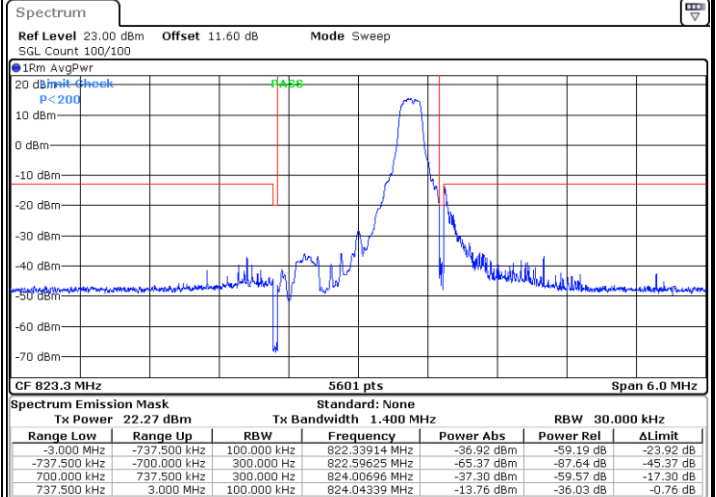
LTE Band 26 / 1.4MHz / 64QAM

Lowest Channel / 1 RB



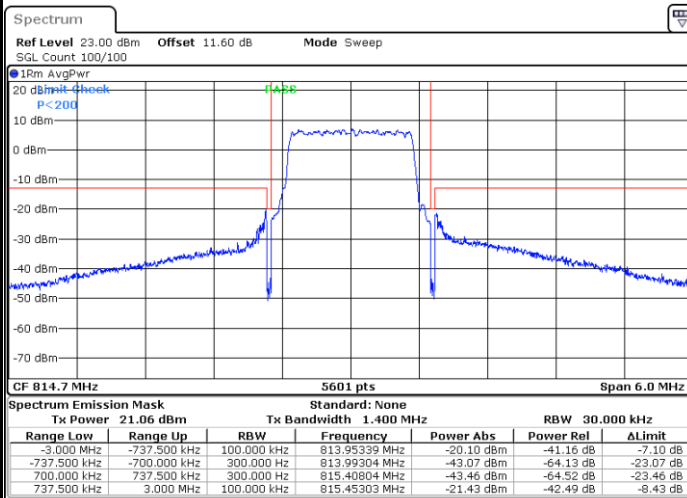
Date: 30.MAY.2024 11:22:06

Highest Channel / 1 RB



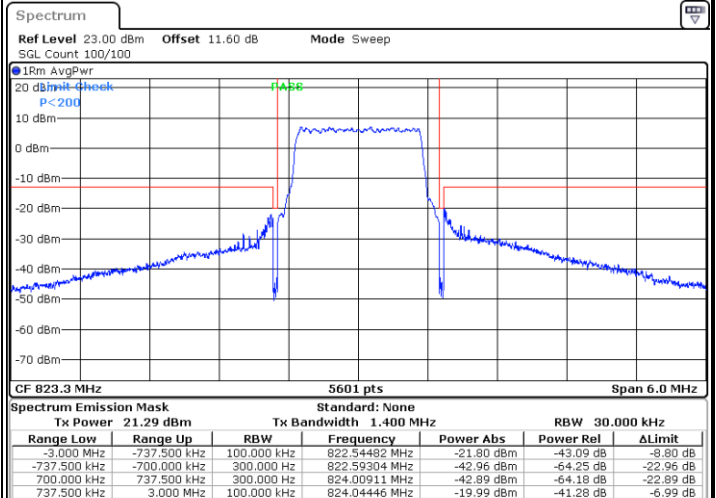
Date: 30.MAY.2024 11:23:59

Lowest Channel / Full RB



Date: 30.MAY.2024 11:23:03

Highest Channel / Full RB

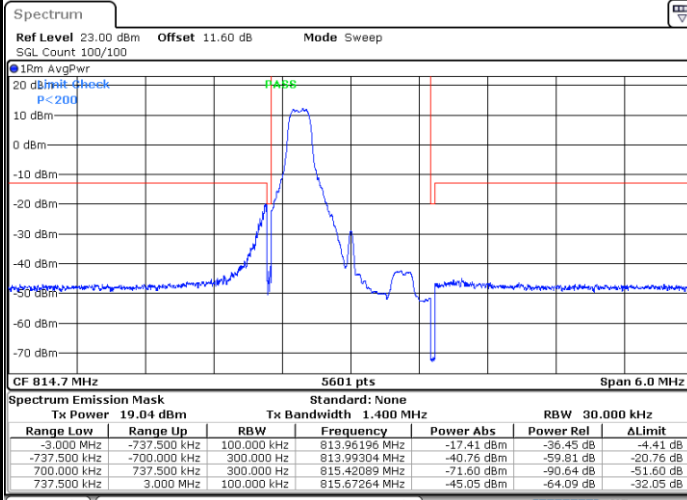


Date: 30.MAY.2024 11:24:55



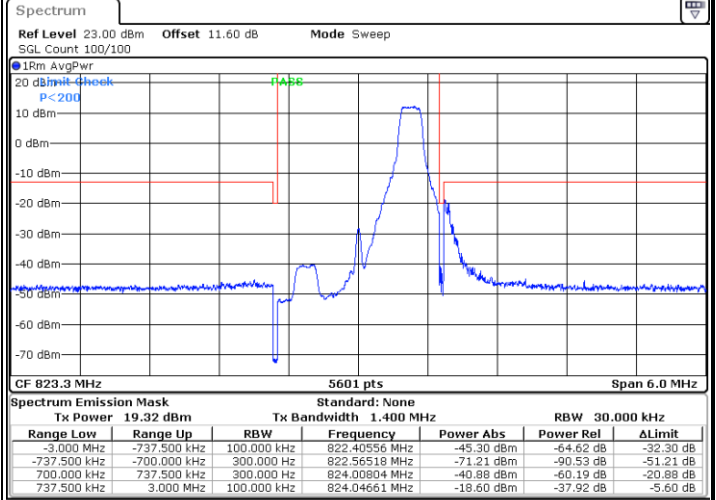
LTE Band 26 / 1.4MHz / 256QAM

Lowest Channel / 1 RB



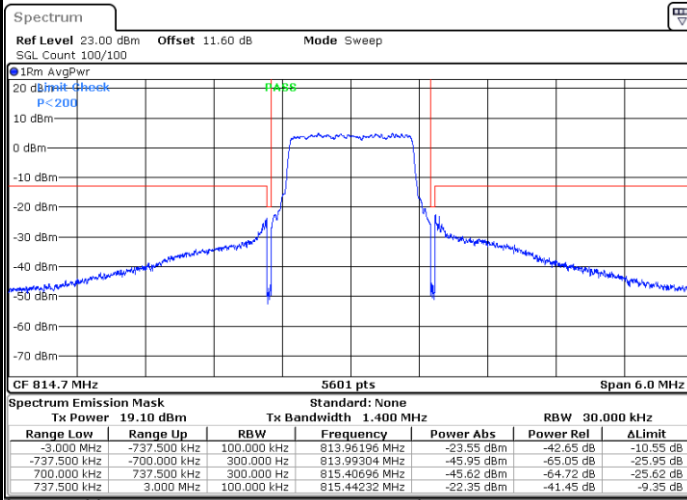
Date: 30.MAY.2024 12:01:52

Highest Channel / 1 RB



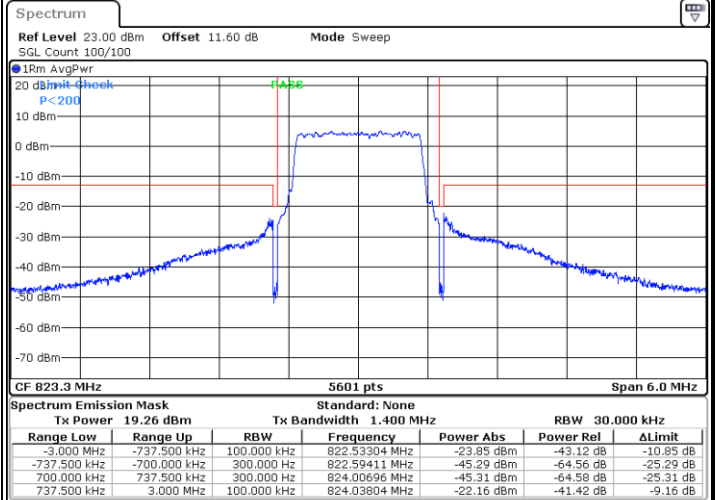
Date: 30.MAY.2024 12:03:52

Lowest Channel / Full RB



Date: 30.MAY.2024 12:02:53

Highest Channel / Full RB



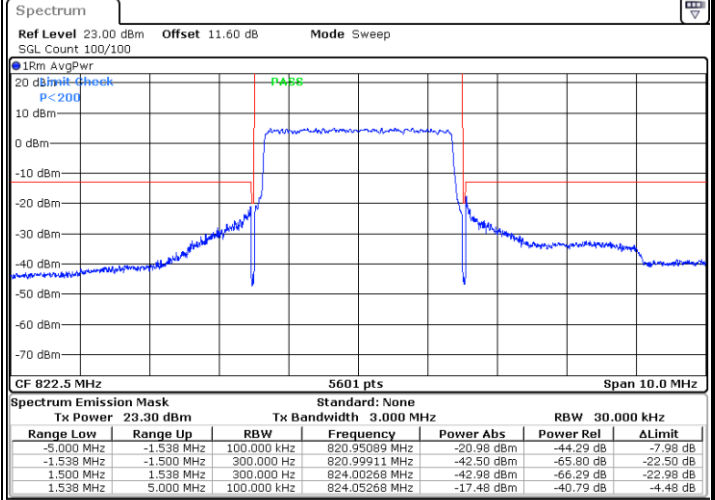
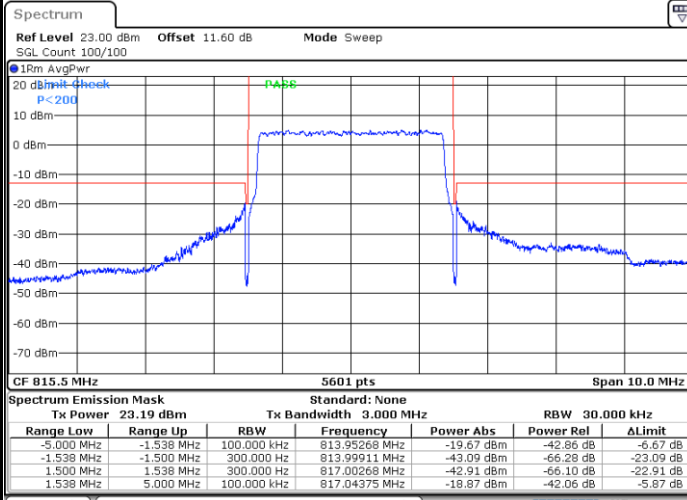
Date: 30.MAY.2024 12:04:53



LTE Band 26 / 3MHz / QPSK

Lowest Channel / Full RB

Highest Channel / Full RB



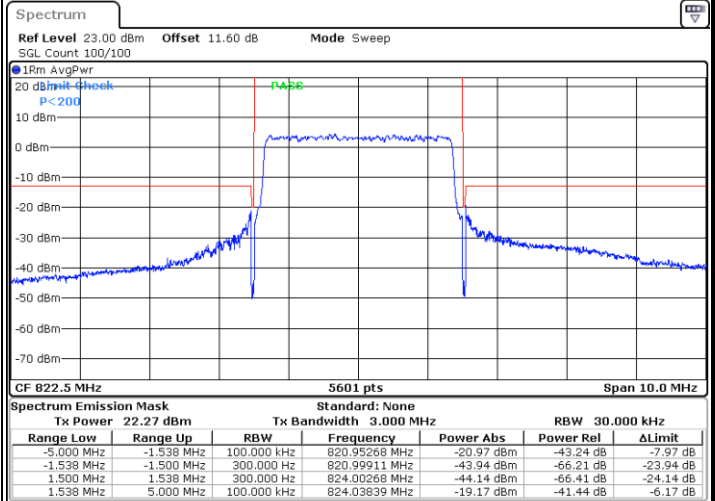
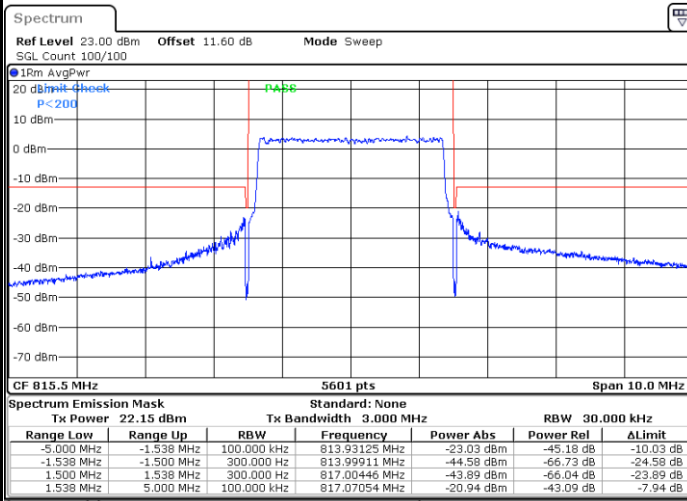
Date: 30.MAY.2024 11:29:24

Date: 30.MAY.2024 11:31:21

LTE Band 26 / 3MHz / 16QAM

Lowest Channel / Full RB

Highest Channel / Full RB



Date: 30.MAY.2024 11:30:21

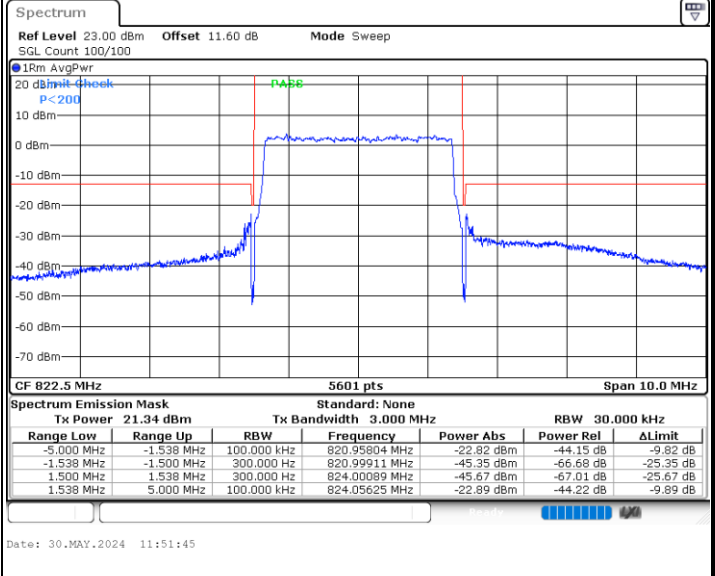
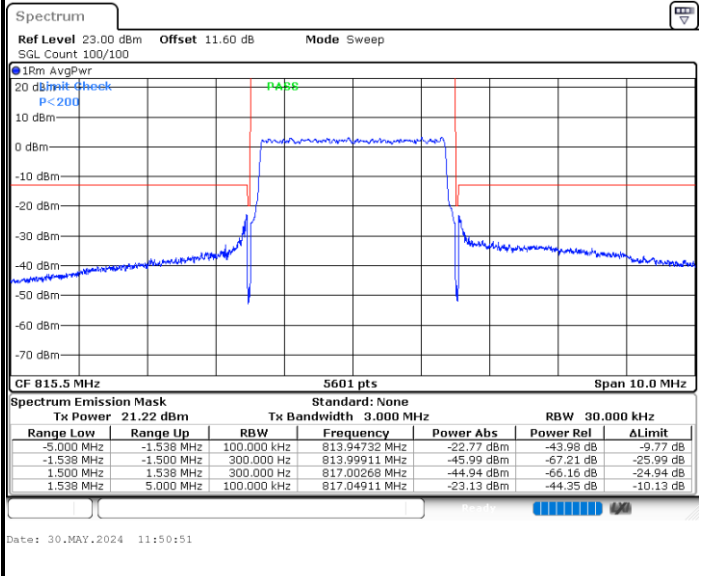
Date: 30.MAY.2024 11:32:18



LTE Band 26 / 3MHz / 64QAM

Lowest Channel / Full RB

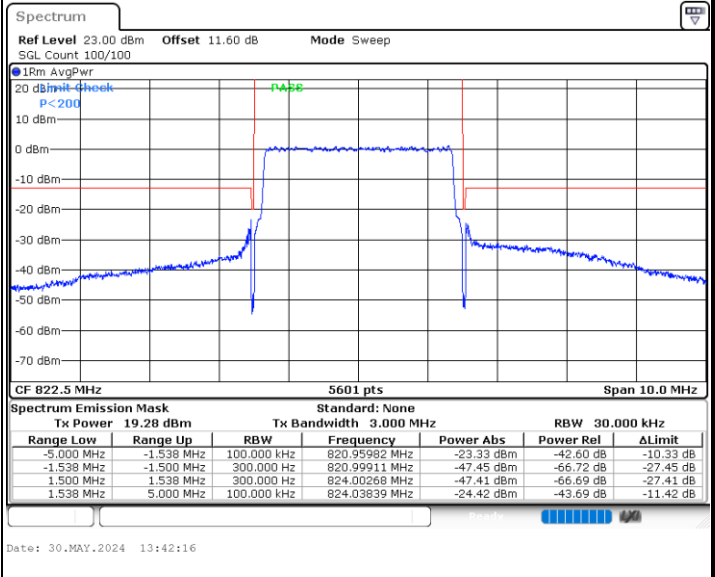
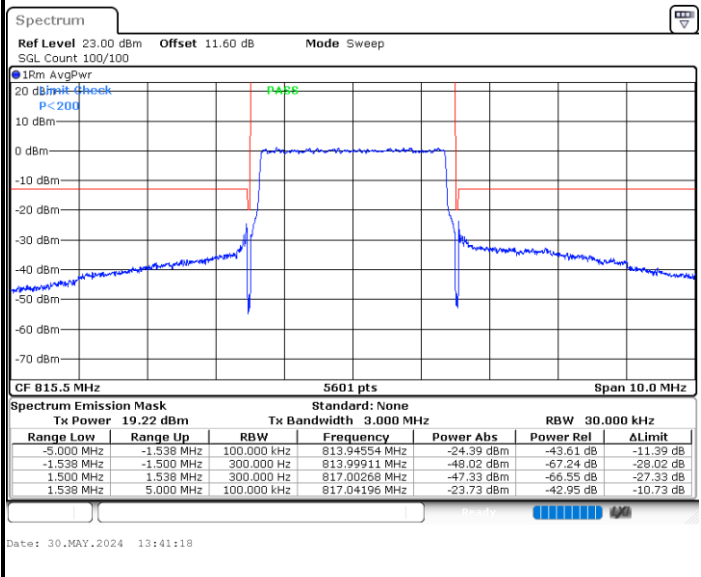
Highest Channel / Full RB



LTE Band 26 / 3MHz / 256QAM

Lowest Channel / Full RB

Highest Channel / Full RB



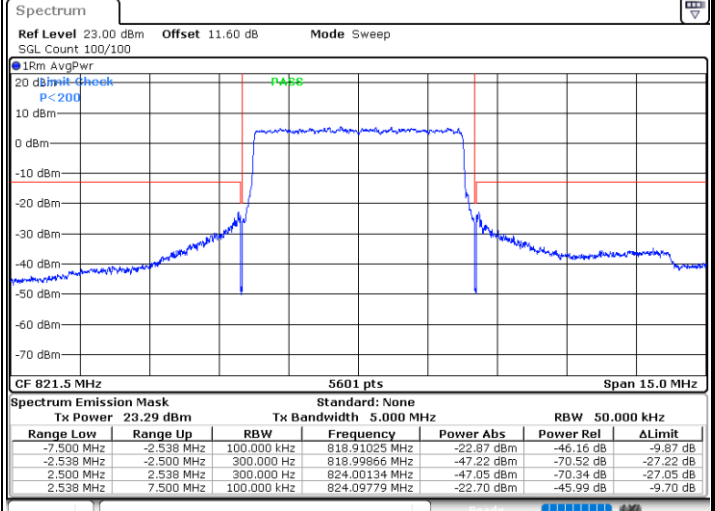
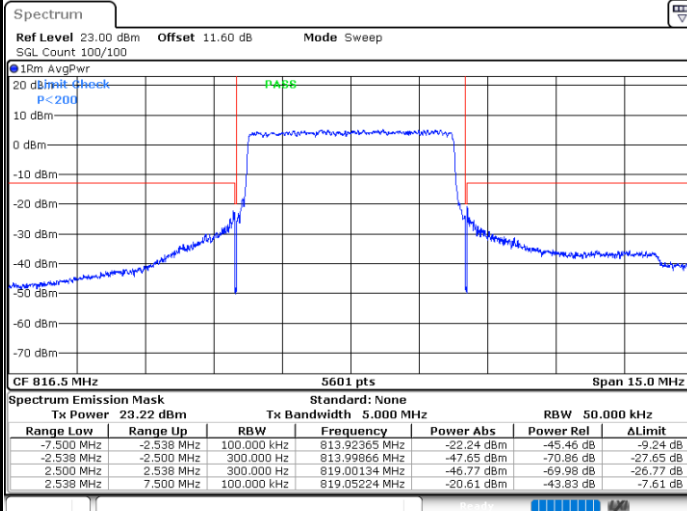




LTE Band 26 / 5MHz / QPSK

Lowest Channel / Full RB

Highest Channel / Full RB



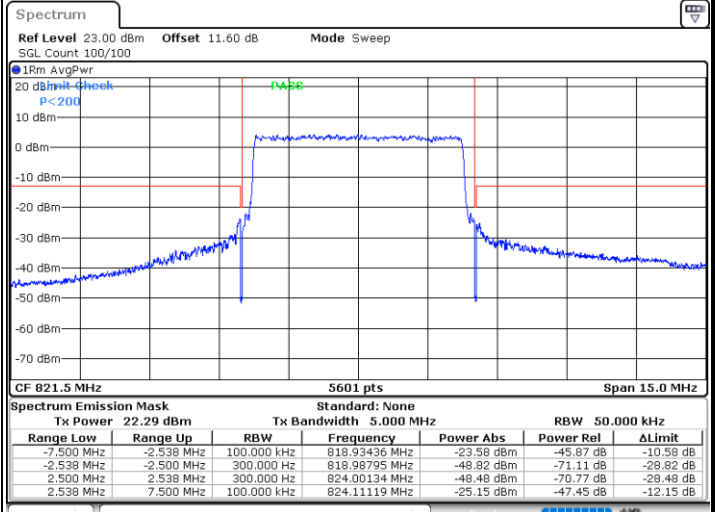
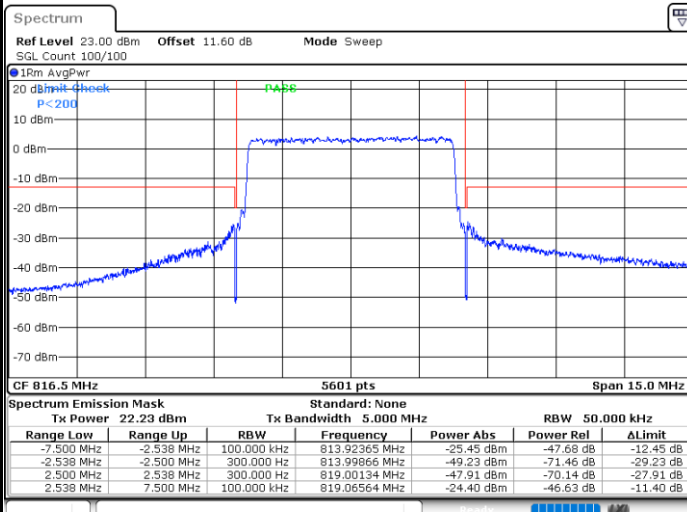
Date: 30.MAY.2024 11:36:57

Date: 30.MAY.2024 11:38:52

LTE Band 26 / 5MHz / 16QAM

Lowest Channel / Full RB

Highest Channel / Full RB



Date: 30.MAY.2024 11:37:56

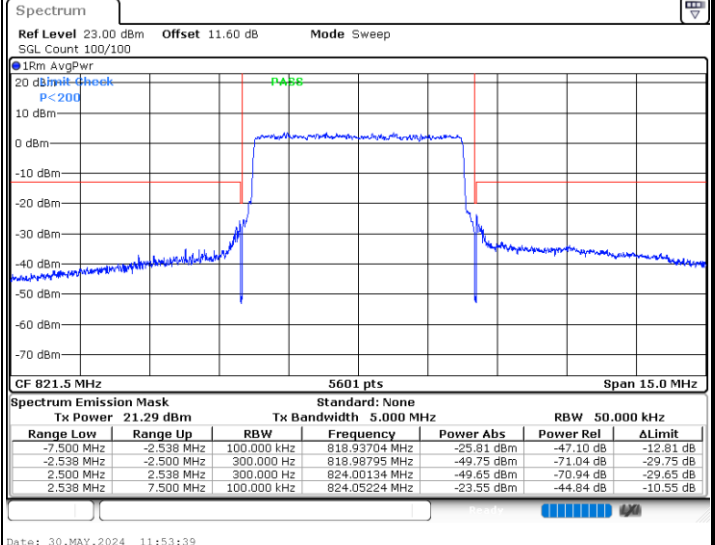
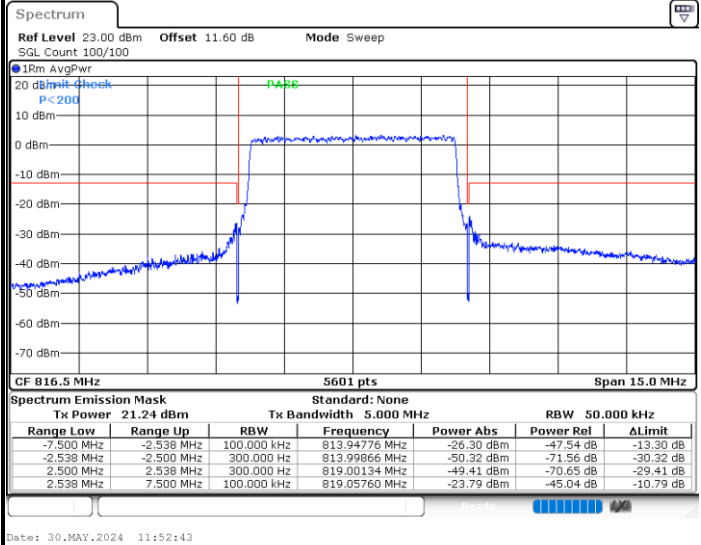
Date: 30.MAY.2024 11:39:48



LTE Band 26 / 5MHz / 64QAM

Lowest Channel / Full RB

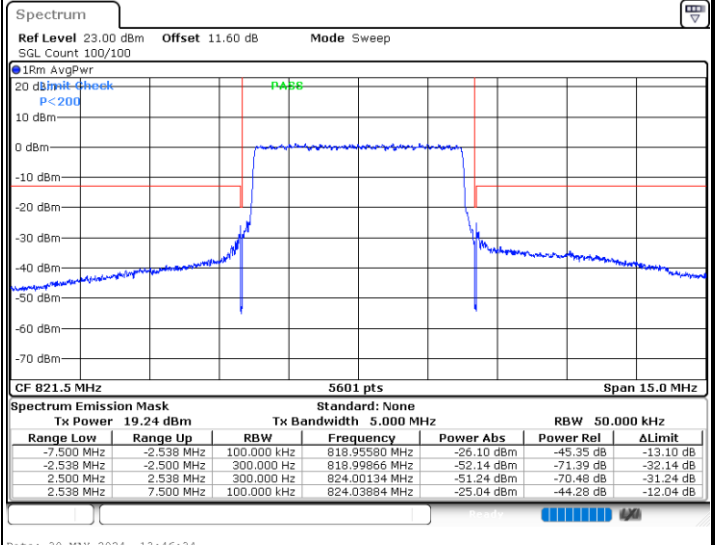
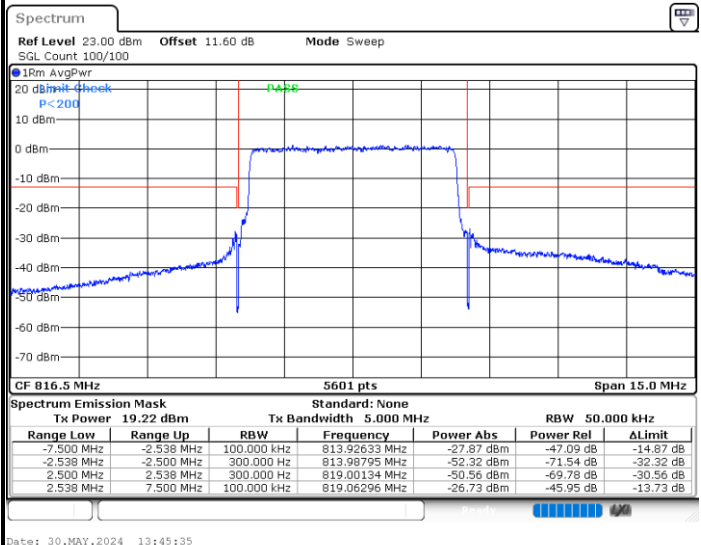
Highest Channel / Full RB

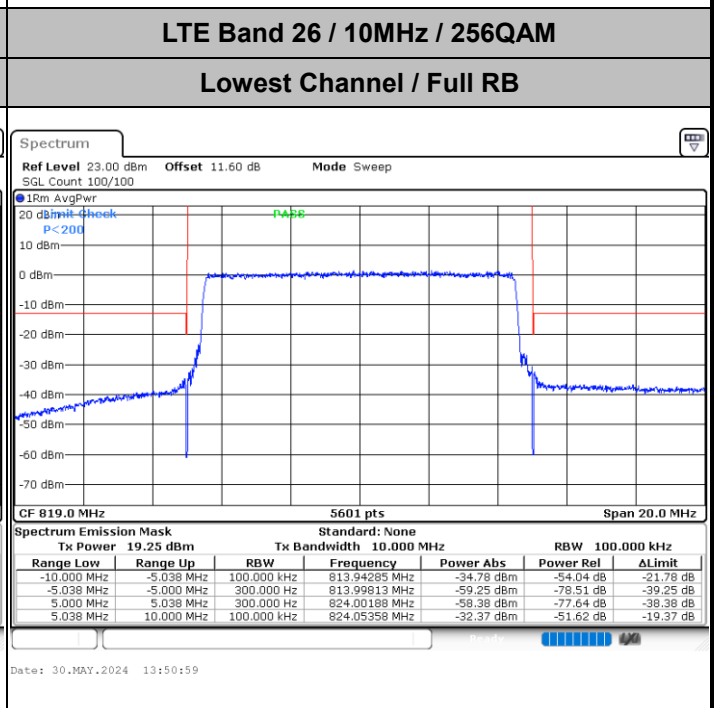
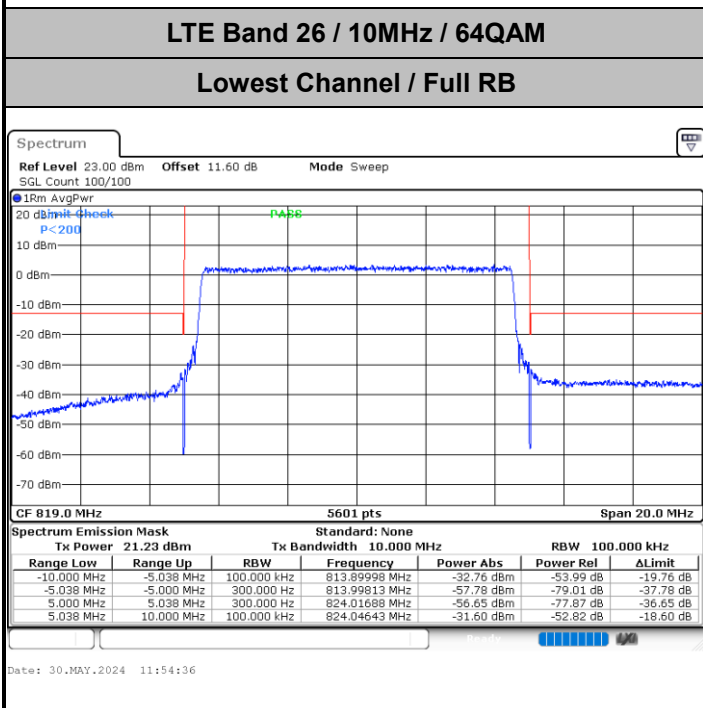
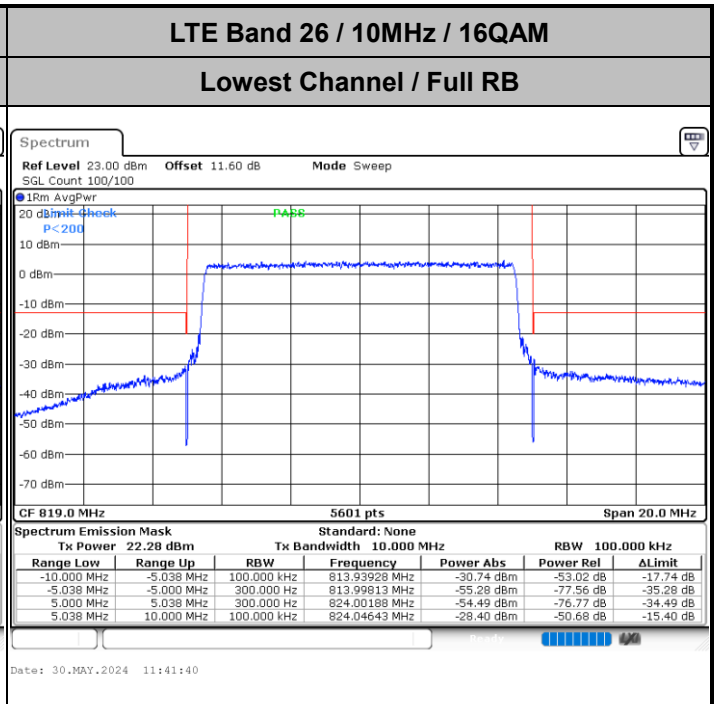
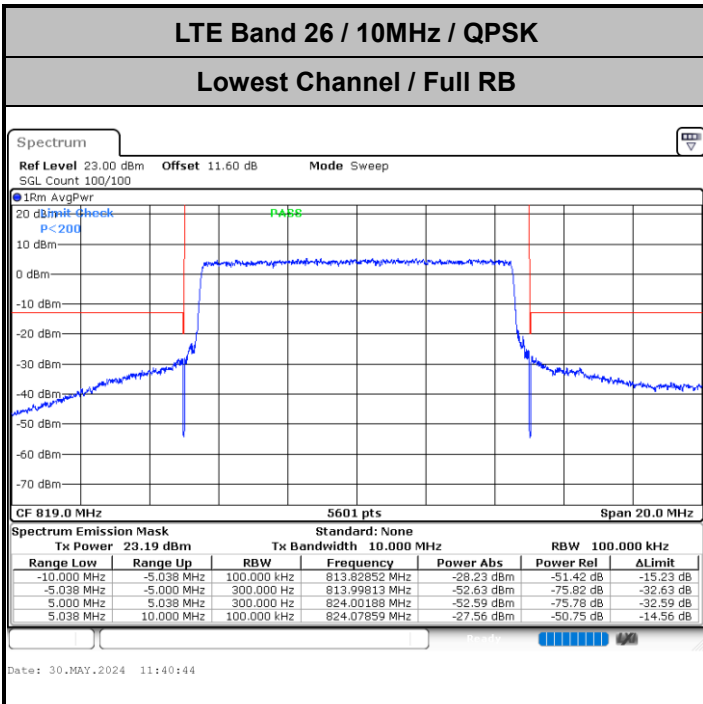


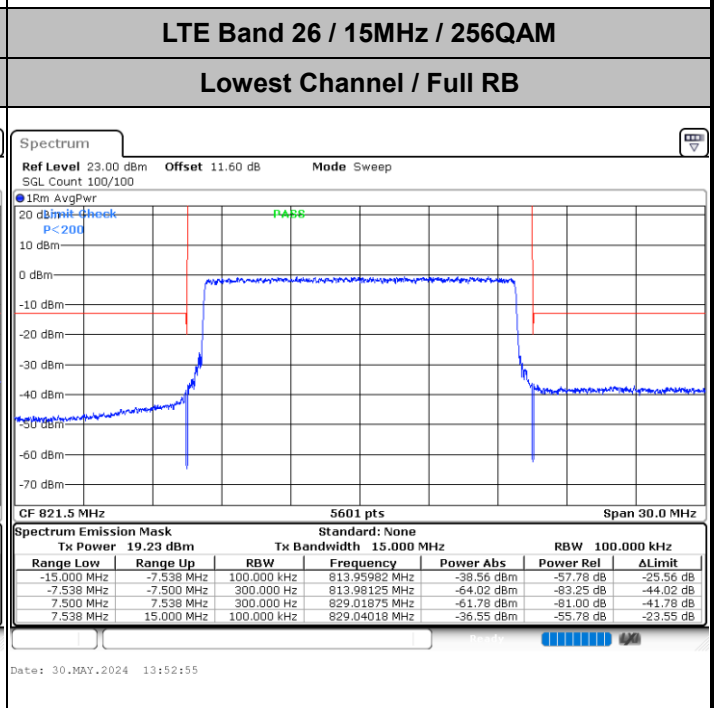
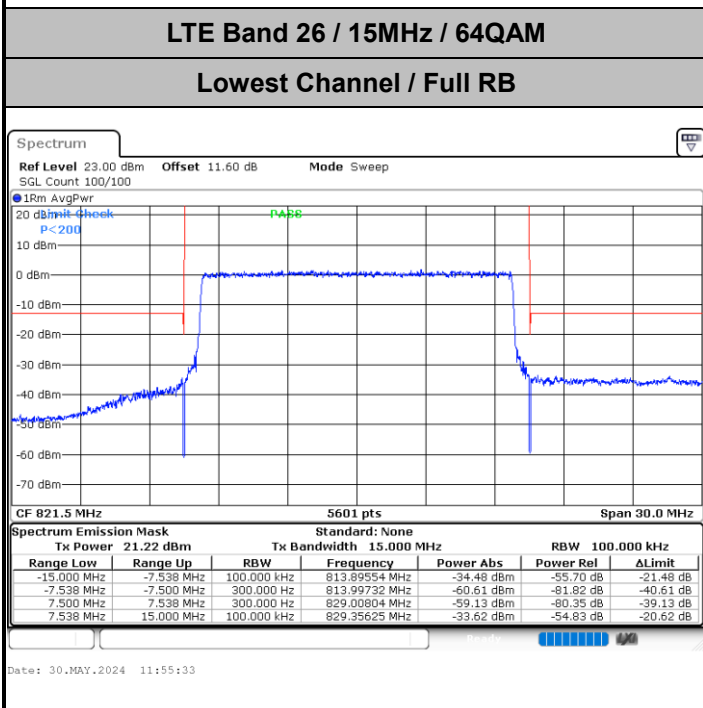
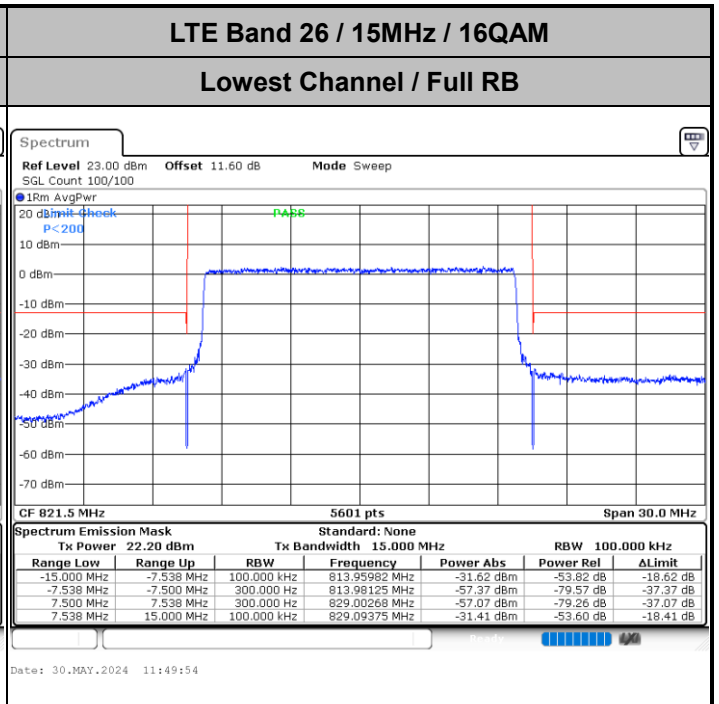
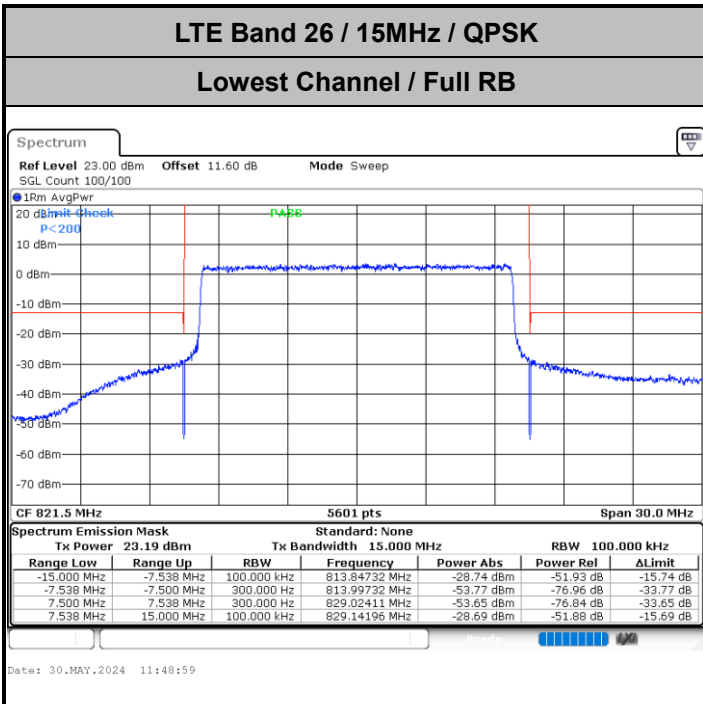
LTE Band 26 / 5MHz / 256QAM

Lowest Channel / Full RB

Highest Channel / Full RB

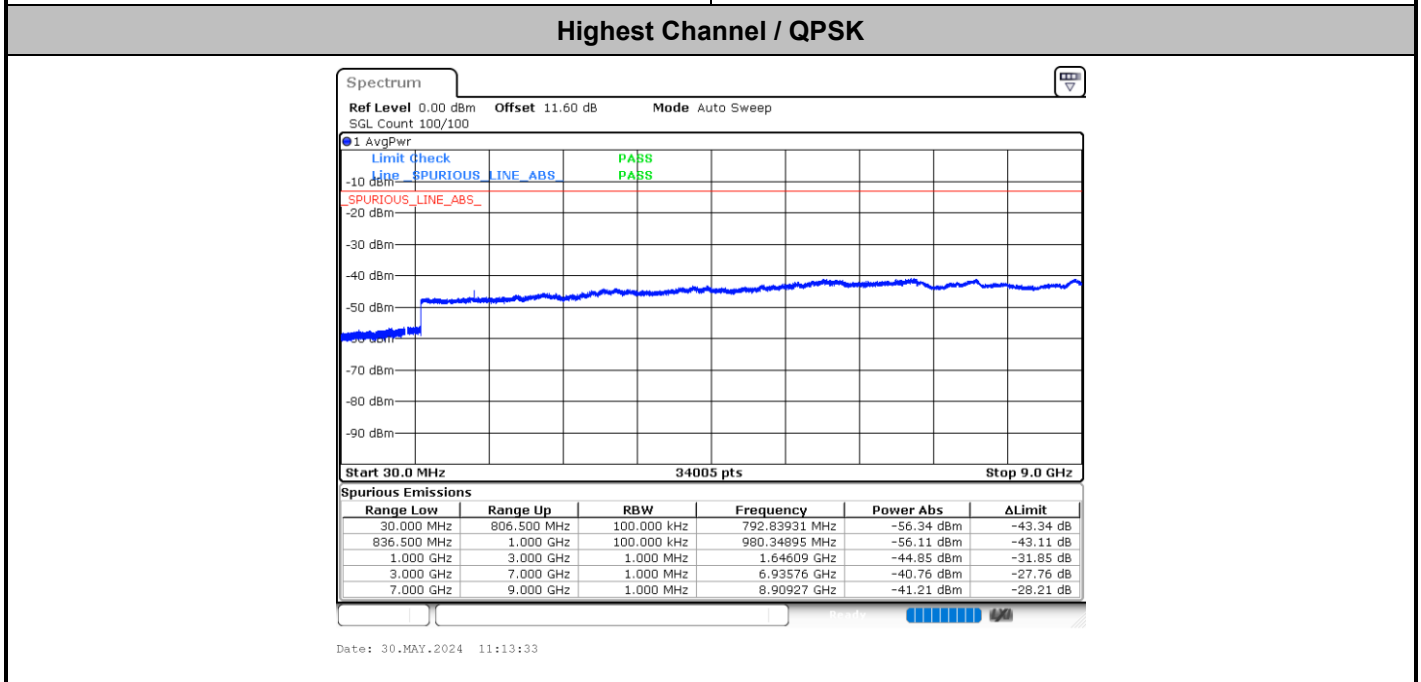
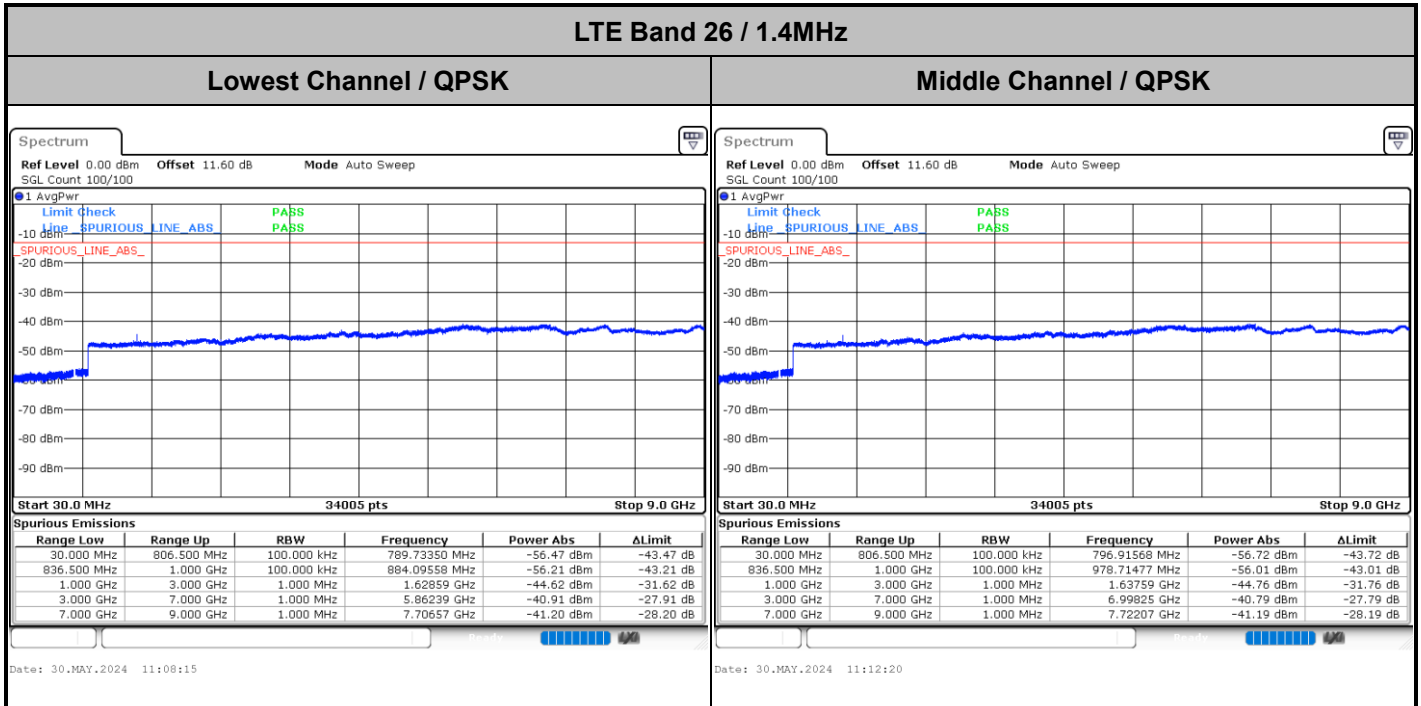








Emission masks – Out of band emissions

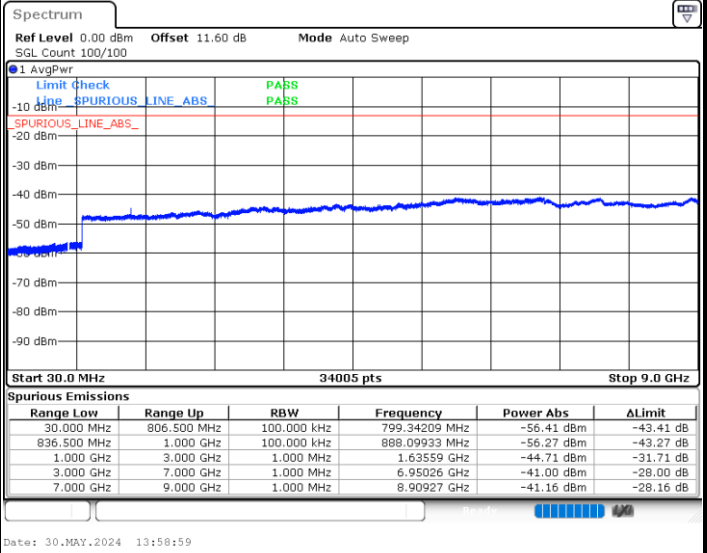
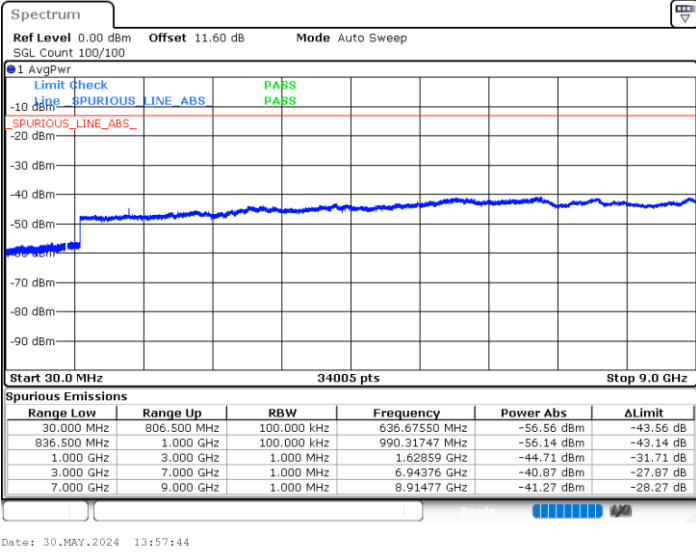




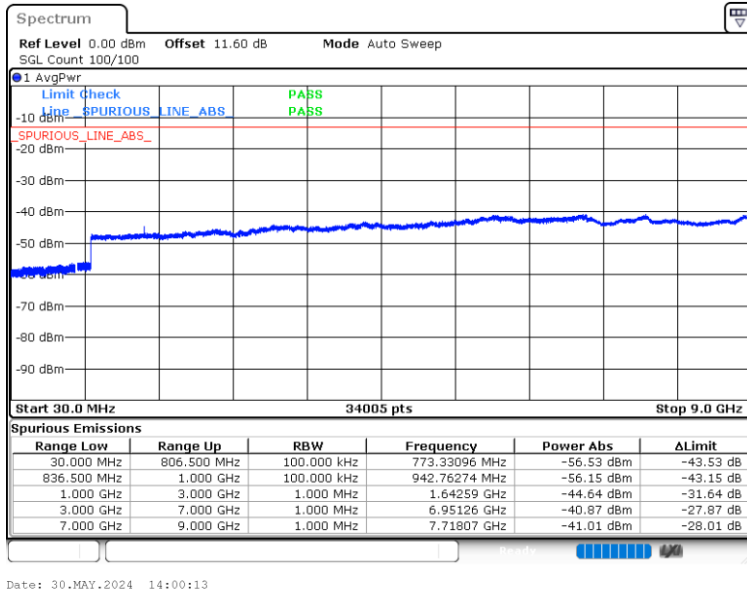
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

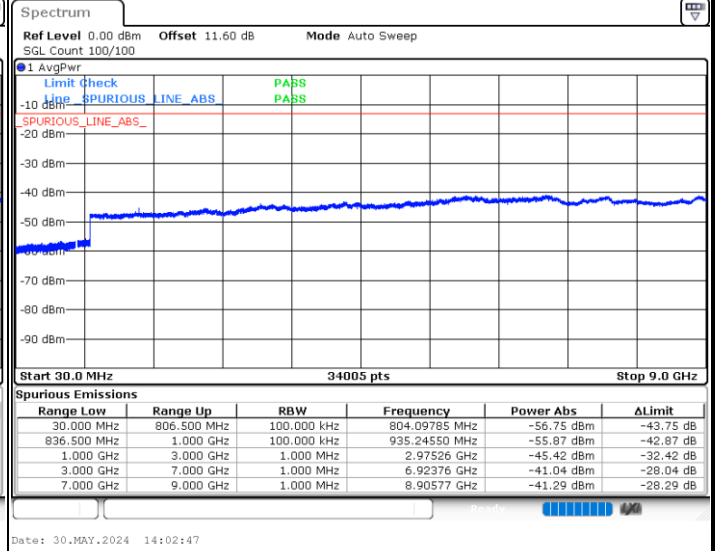
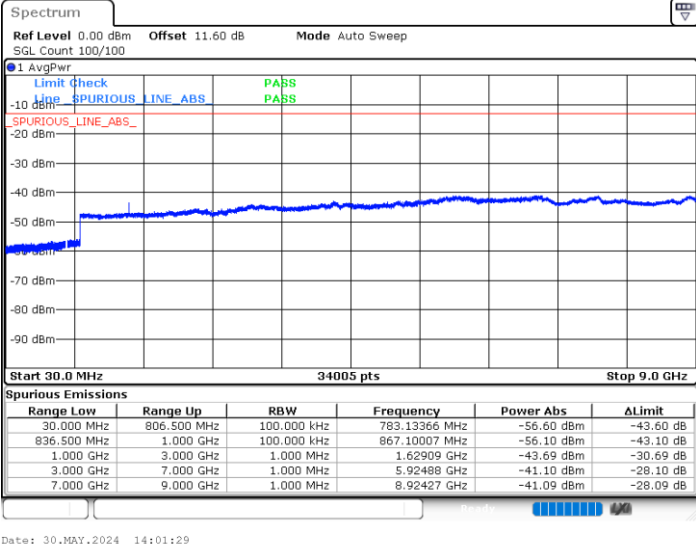




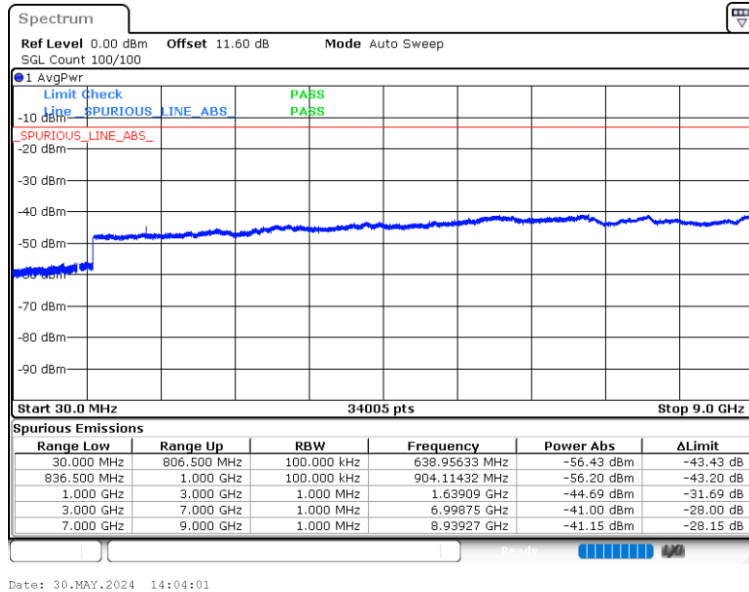
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



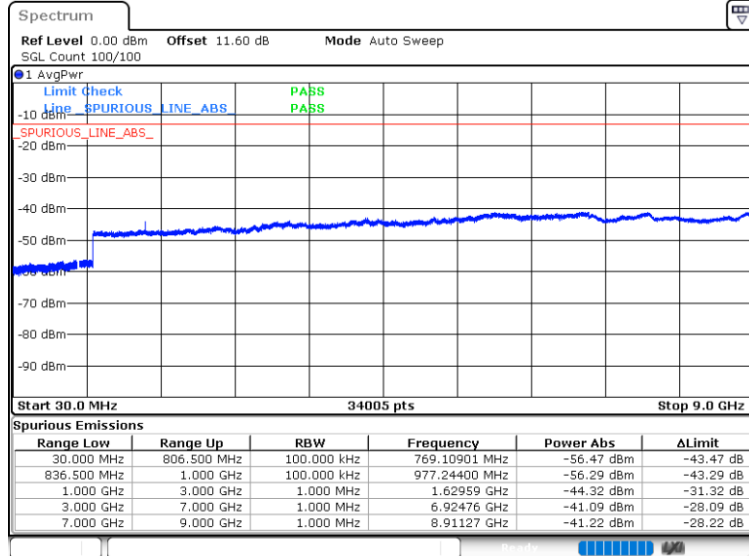
Highest Channel / QPSK





LTE Band 26 / 10MHz

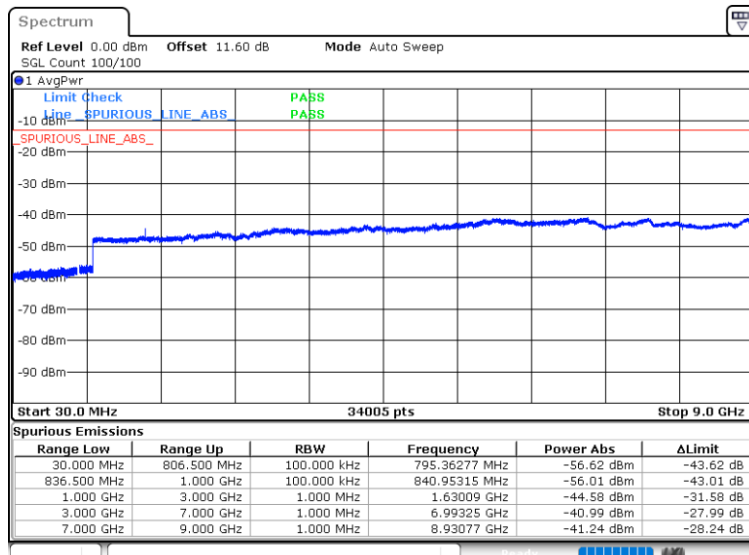
Middle Channel / QPSK



Date: 30.MAY.2024 14:05:16

LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 30.MAY.2024 14:06:32





### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0111	PASS
40	Normal Voltage	0.0104	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0144	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

**Note:** Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0152	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0084	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0122	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0068	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0158	

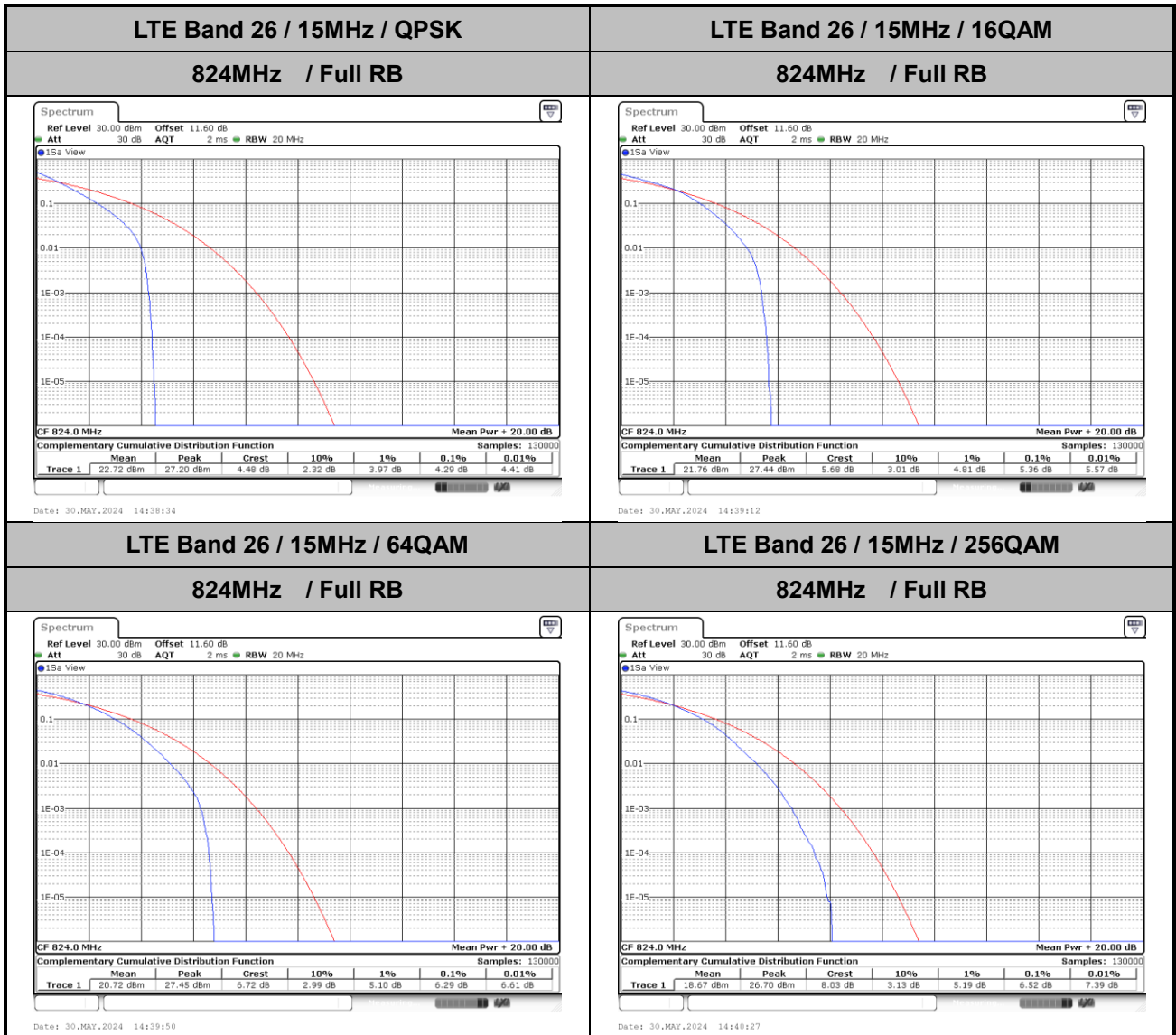
**Note:** Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.



# LTE Band 26\_Part 90S\_824MHz

## 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	4.29	5.36	6.29	6.52	PASS





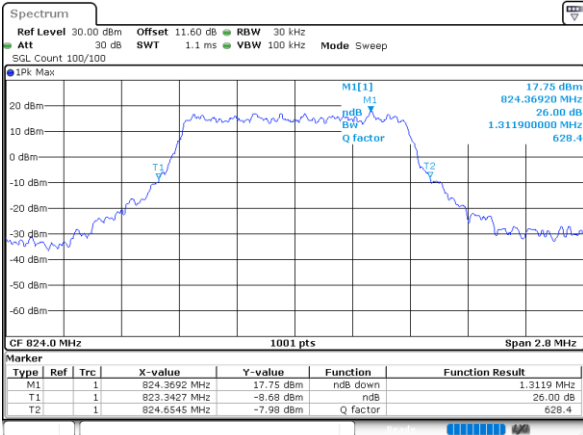
**26dB Bandwidth**

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	1.31	1.32	3.02	3.06	4.97	5.04	9.91	9.91	14.74	14.59	-	-
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	1.33	1.33	3.06	2.99	4.95	4.88	9.86	9.78	14.53	14.14	-	-



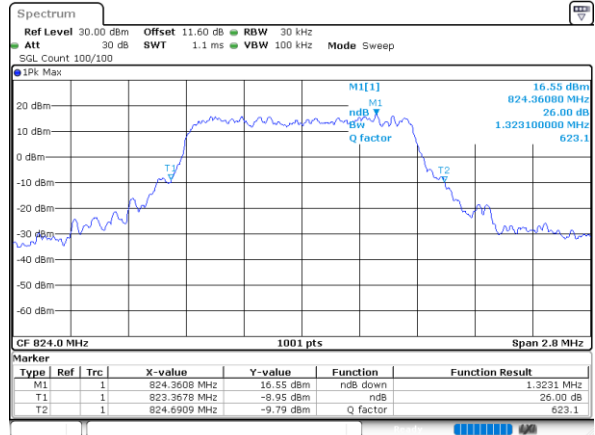
LTE Band 26

824MHz / 1.4MHz / QPSK



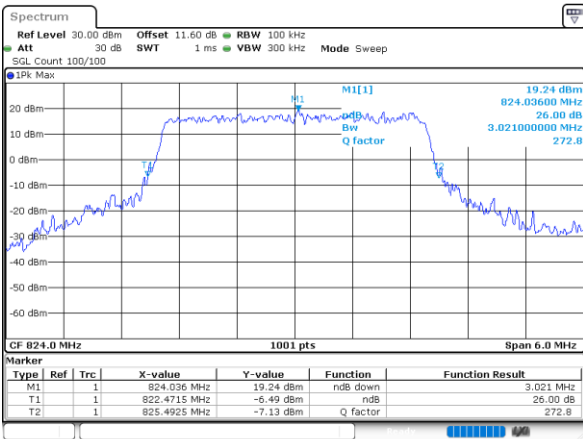
Date: 30.MAY.2024 14:08:23

824MHz / 1.4MHz / 16QAM



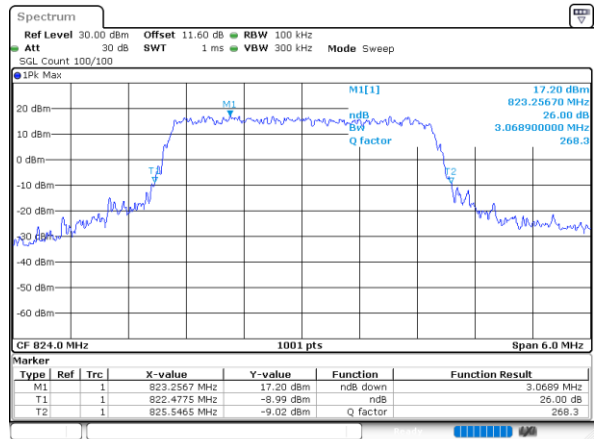
Date: 30.MAY.2024 14:09:05

824MHz / 3MHz / QPSK



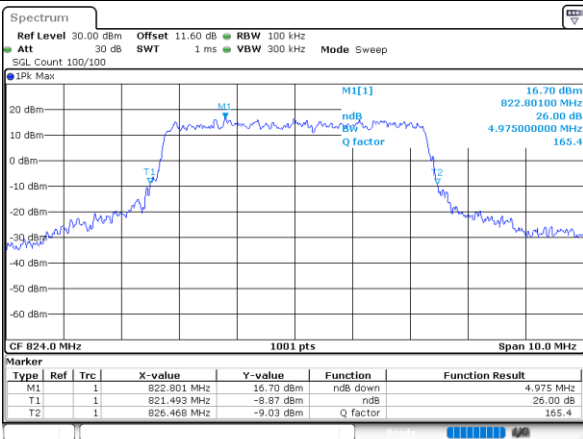
Date: 30.MAY.2024 14:14:45

824MHz / 3MHz / 16QAM



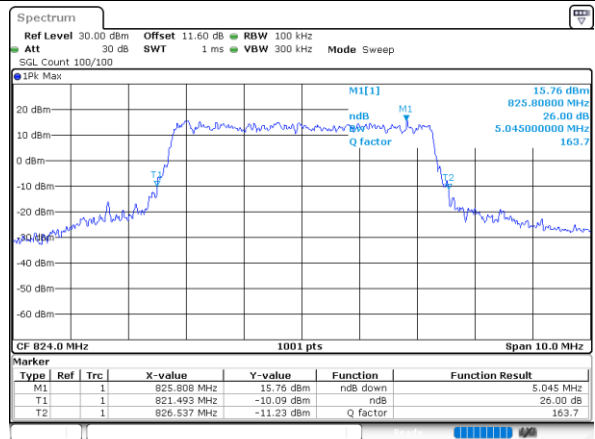
Date: 30.MAY.2024 14:15:21

824MHz / 5MHz / QPSK



Date: 30.MAY.2024 14:20:19

824MHz / 5MHz / 16QAM

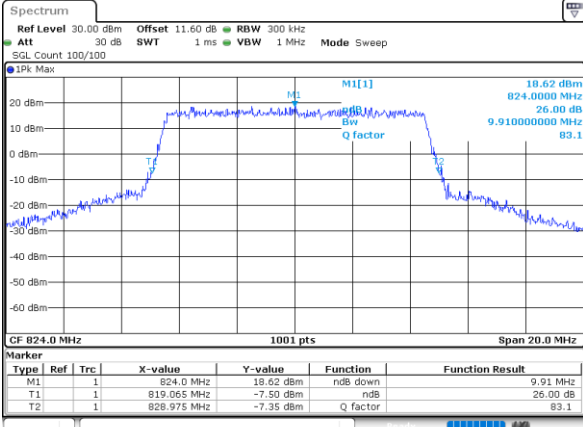


Date: 30.MAY.2024 14:21:00



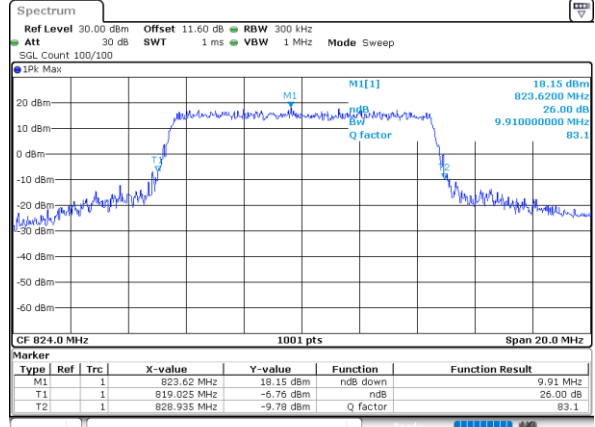
LTE Band 26

824MHz / 10MHz / QPSK



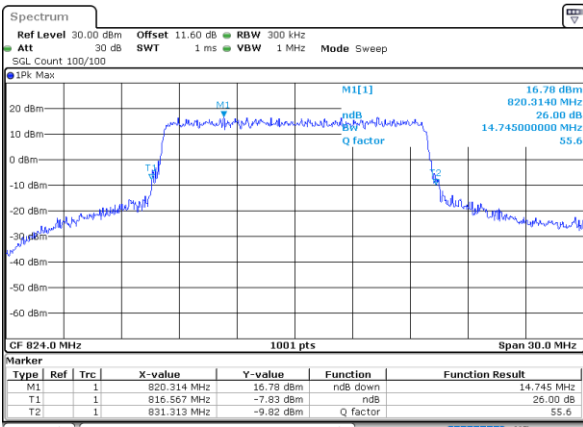
Date: 30.MAY.2024 14:25:59

824MHz / 10MHz / 16QAM



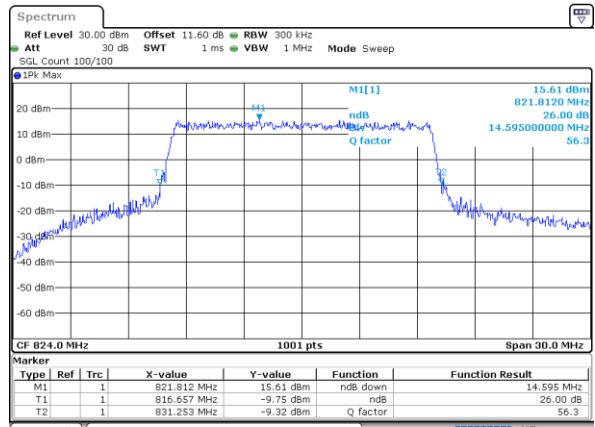
Date: 30.MAY.2024 14:26:34

824MHz / 15MHz / QPSK



Date: 30.MAY.2024 14:33:41

824MHz / 15MHz / 16QAM

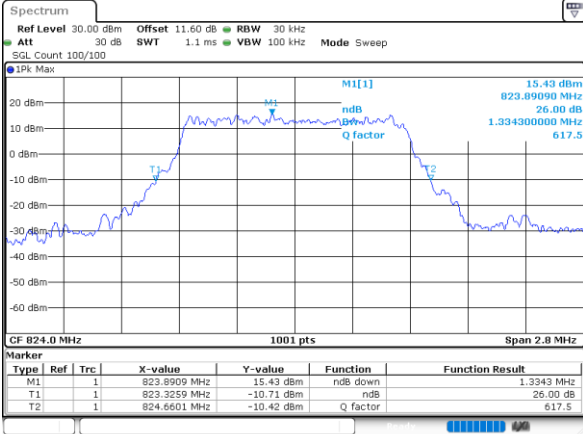


Date: 30.MAY.2024 14:34:17



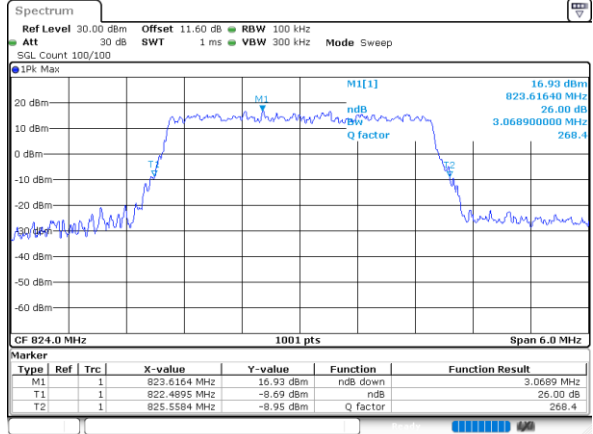
LTE Band 26

824MHz / 1.4MHz / 64QAM



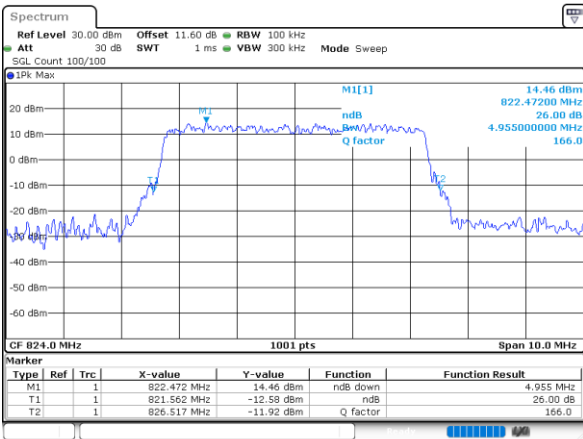
Date: 30.MAY.2024 14:10:50

824MHz / 3MHz / 64QAM



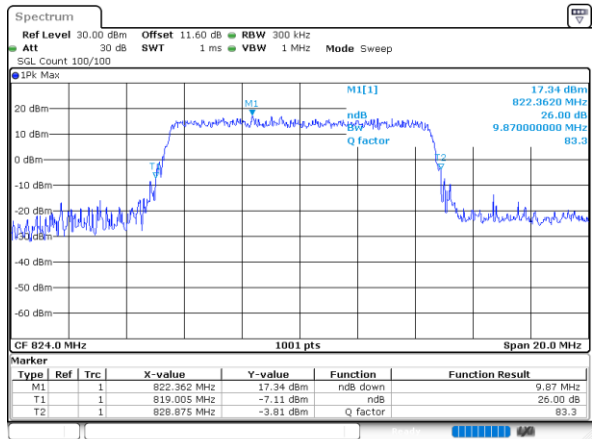
Date: 30.MAY.2024 14:17:14

824MHz / 5MHz / 64QAM



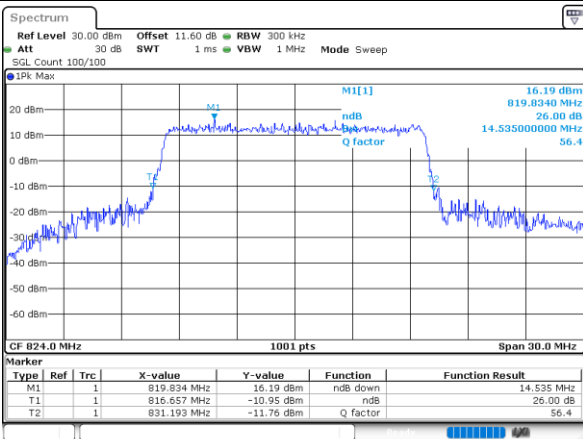
Date: 30.MAY.2024 14:23:00

824MHz / 10MHz / 64QAM



Date: 30.MAY.2024 14:28:19

824MHz / 15MHz / 64QAM



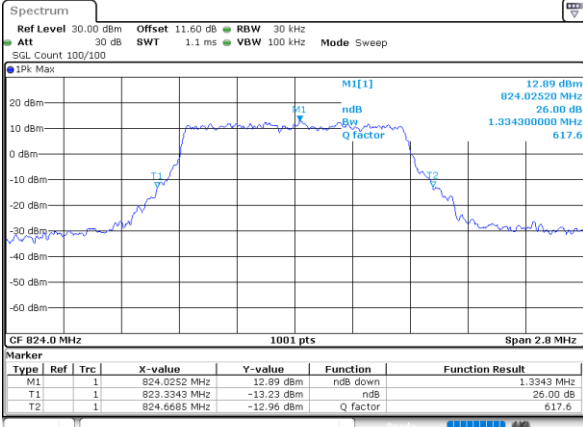
Date: 30.MAY.2024 14:36:10

N/A



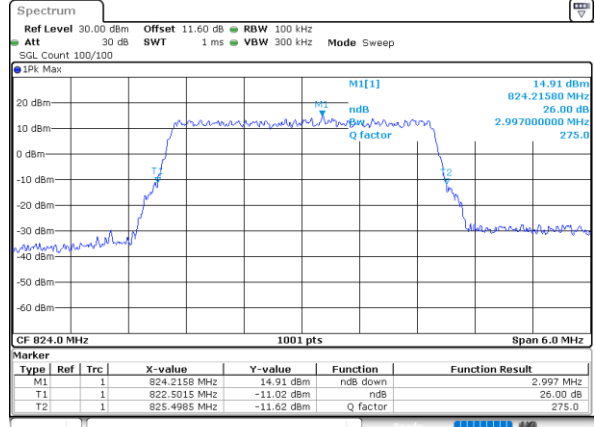
LTE Band 26

824MHz / 1.4MHz / 256QAM



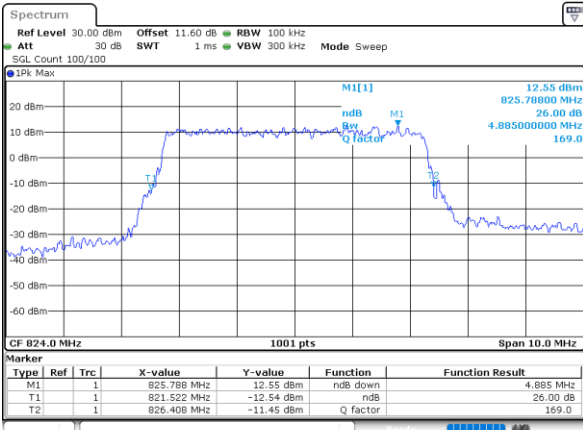
Date: 30.MAY.2024 14:12:09

824MHz / 3MHz / 256QAM



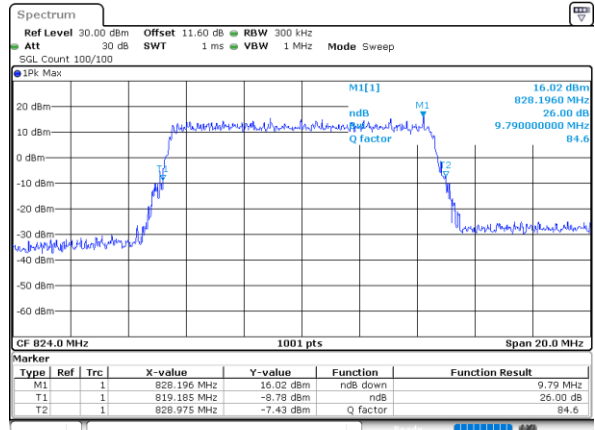
Date: 30.MAY.2024 14:18:42

824MHz / 5MHz / 256QAM



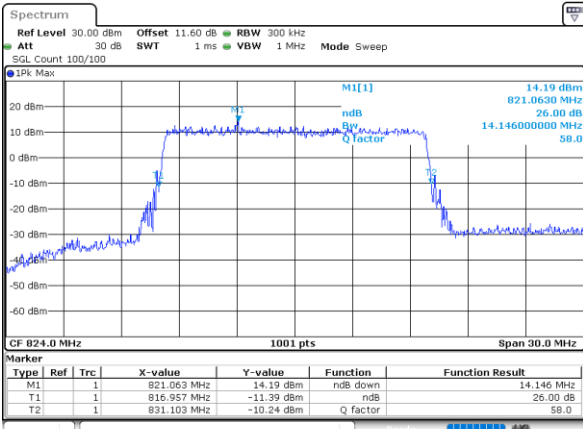
Date: 30.MAY.2024 14:24:15

824MHz / 10MHz / 256QAM



Date: 30.MAY.2024 14:29:32

824MHz / 15MHz / 256QAM



Date: 30.MAY.2024 14:37:49

N/A





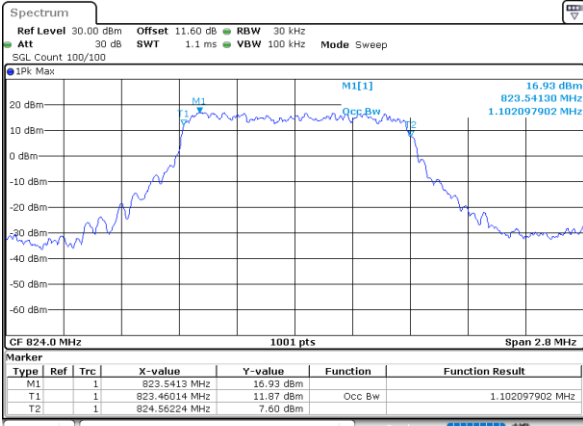
**Occupied Bandwidth**

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	1.10	1.10	2.74	2.73	4.49	4.49	9.09	9.11	13.42	13.45	-	-
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	1.10	2.73	2.72	4.50	4.47	9.07	9.01	13.48	13.45	-	-

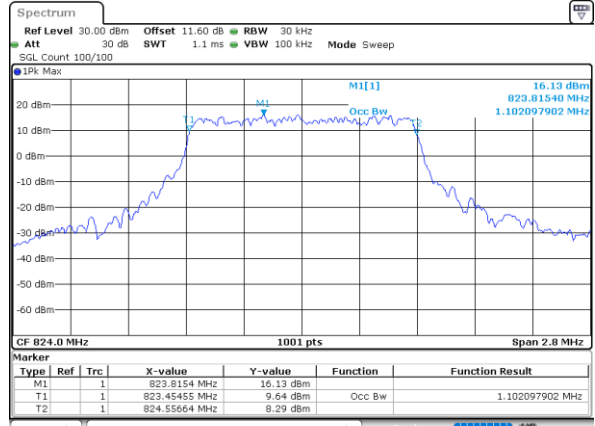


LTE Band 26

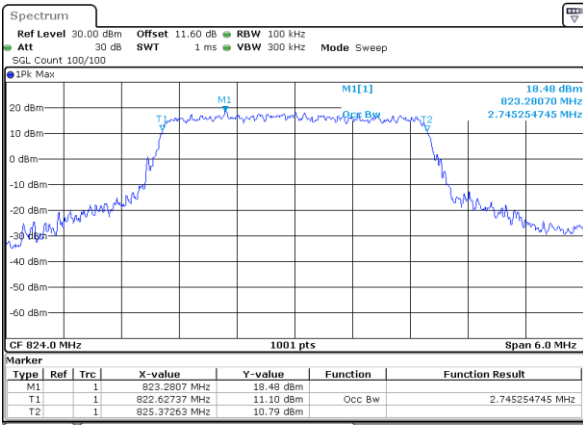
824MHz / 1.4MHz / QPSK



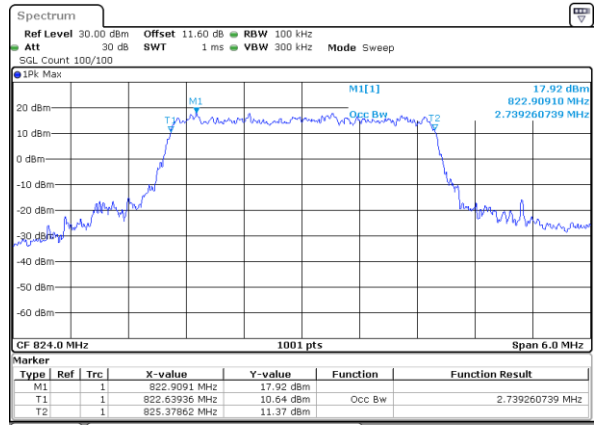
824MHz / 1.4MHz / 16QAM



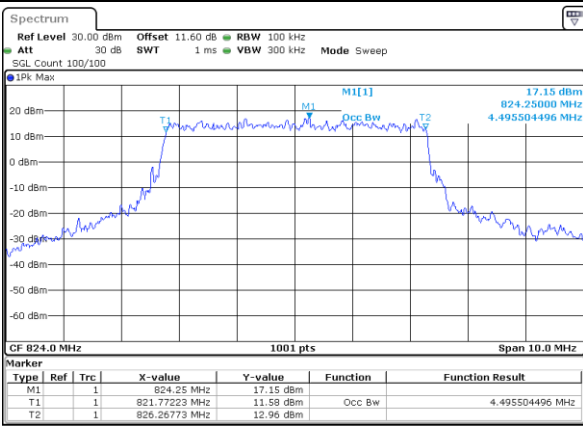
824MHz / 3MHz / QPSK



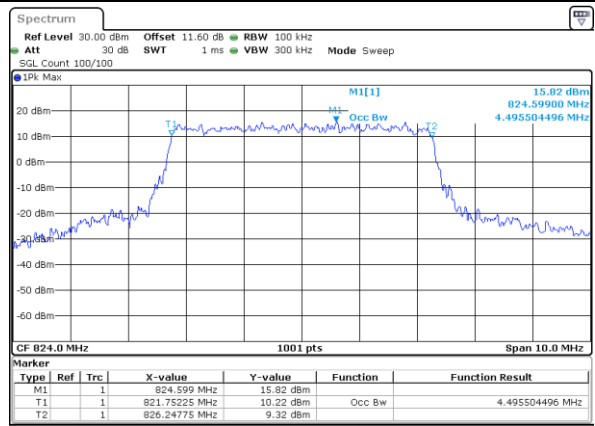
824MHz / 3MHz / 16QAM



824MHz / 5MHz / QPSK



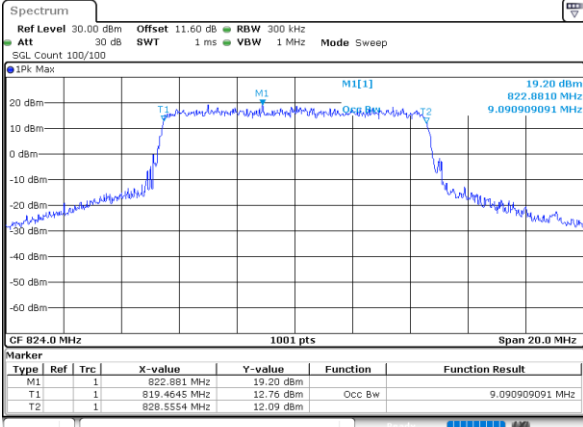
824MHz / 5MHz / 16QAM



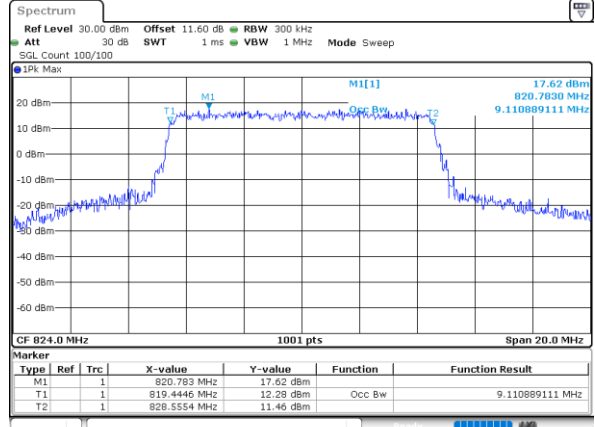


LTE Band 26

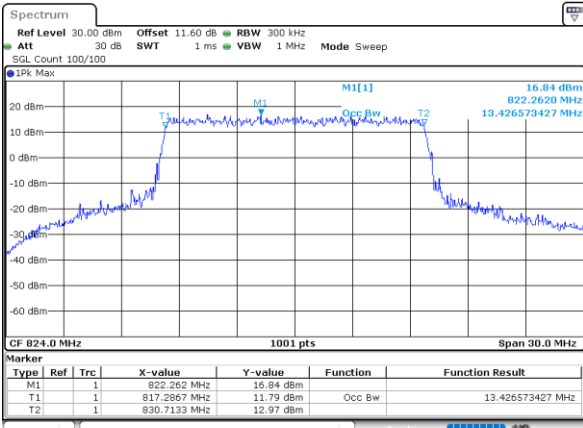
824MHz / 10MHz / QPSK



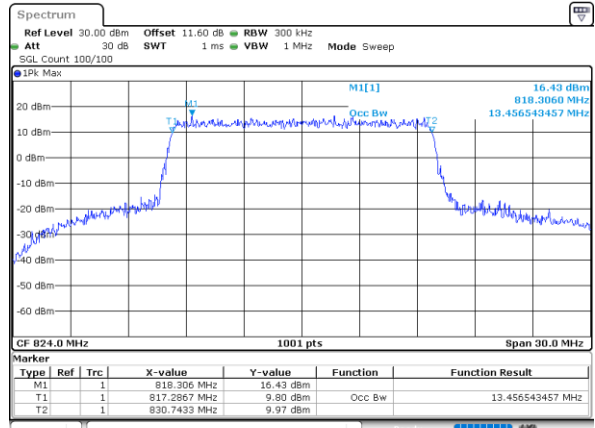
824MHz / 10MHz / 16QAM



824MHz / 15MHz / QPSK



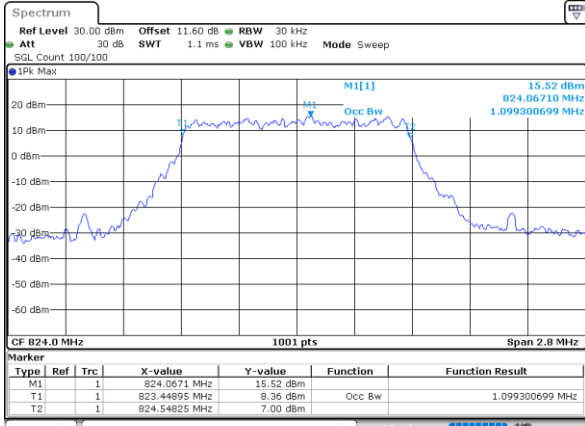
824MHz / 15MHz / 16QAM





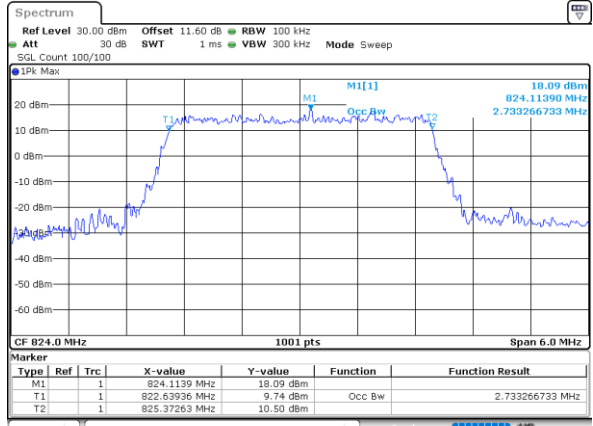
LTE Band 26

824MHz / 1.4MHz / 64QAM



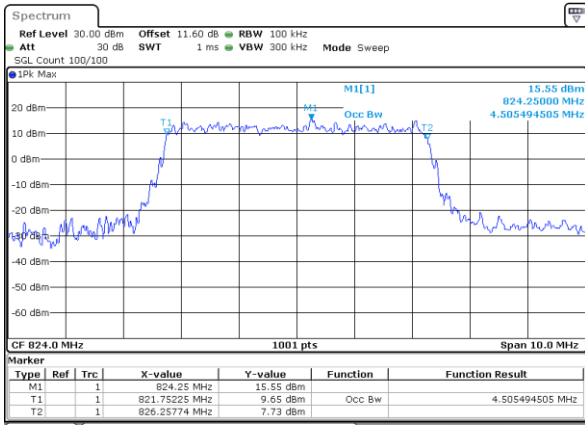
Date: 30.MAY.2024 14:10:16

824MHz / 3MHz / 64QAM



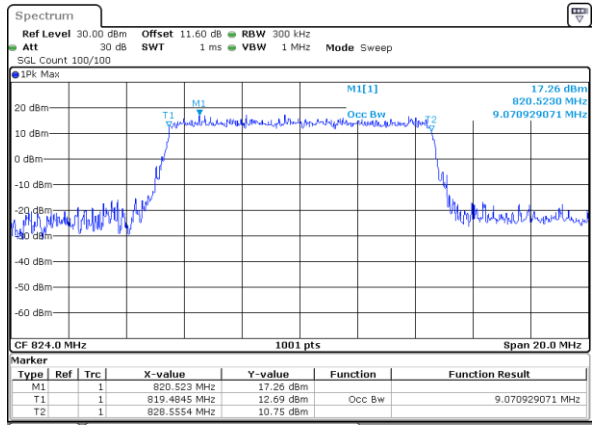
Date: 30.MAY.2024 14:11:39

824MHz / 5MHz / 64QAM



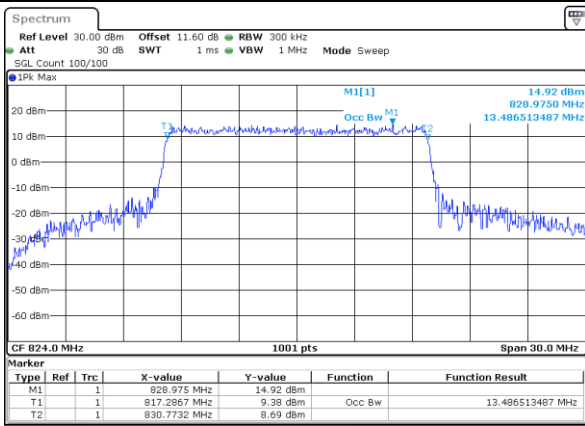
Date: 30.MAY.2024 14:22:20

824MHz / 10MHz / 64QAM



Date: 30.MAY.2024 14:27:45

824MHz / 15MHz / 64QAM



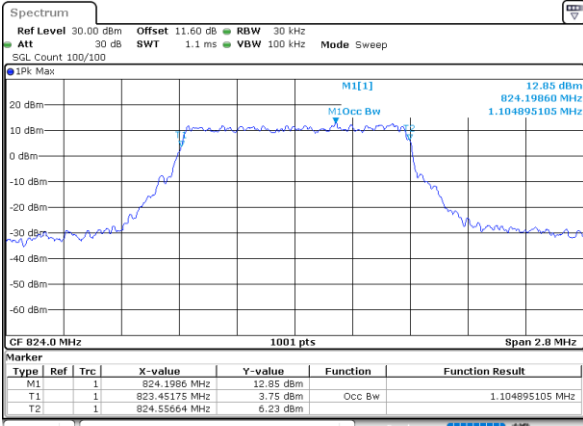
Date: 30.MAY.2024 14:35:35

N/A

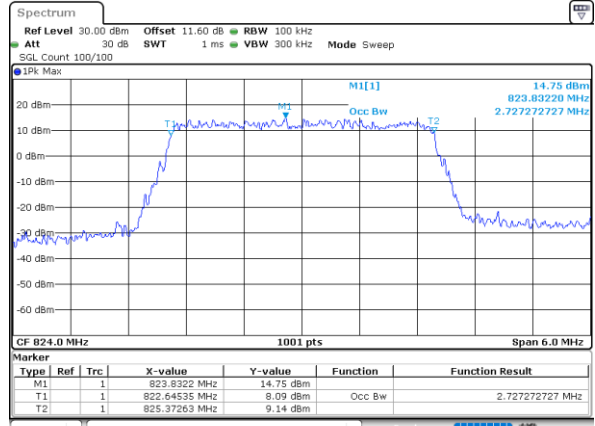


LTE Band 26

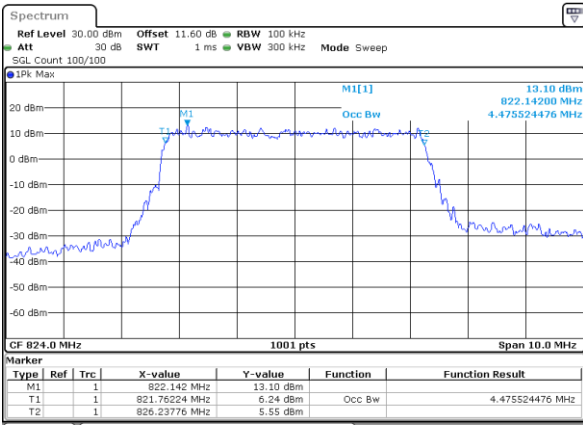
824MHz / 1.4MHz / 256QAM



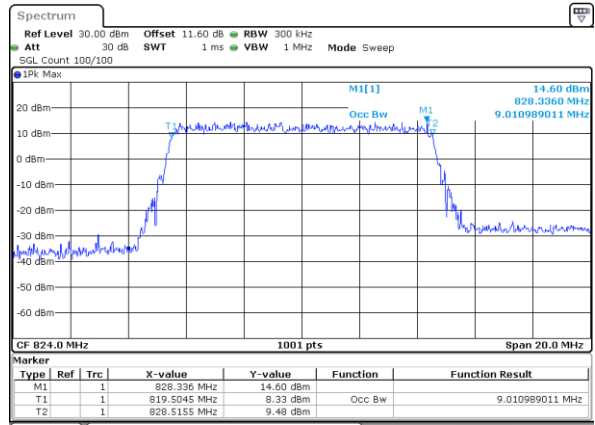
824MHz / 3MHz / 256QAM



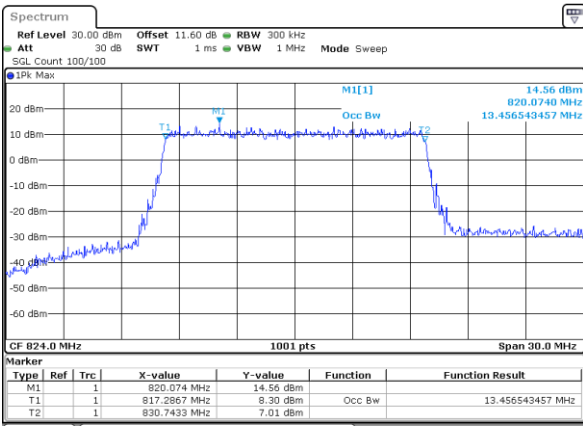
824MHz / 5MHz / 256QAM



824MHz / 10MHz / 256QAM



824MHz / 15MHz / 256QAM



N/A