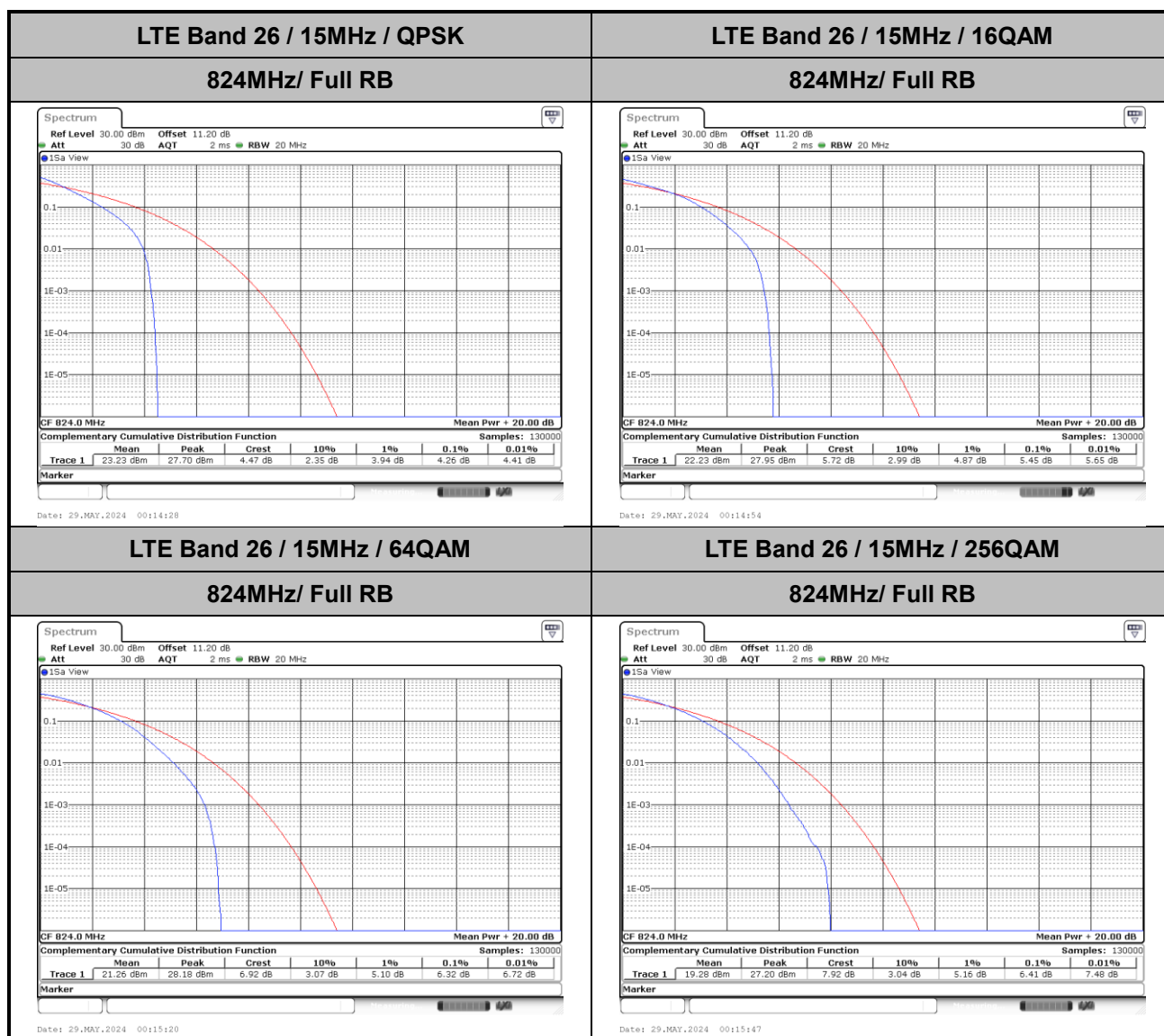




LTE Band 26_Part 90S_824MHz

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	4.26	5.45	6.32	6.41	PASS



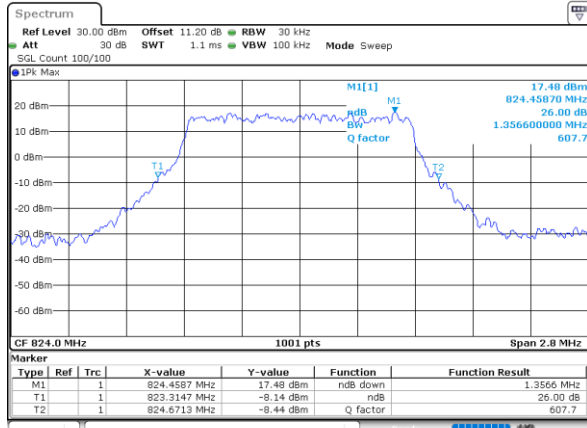
**26dB Bandwidth**

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	1.35	1.30	3.05	3.06	4.93	4.95	9.86	9.81	14.38	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	1.28	1.33	3.05	3.02	5.00	4.99	9.84	9.89	14.29	14.41	-	-



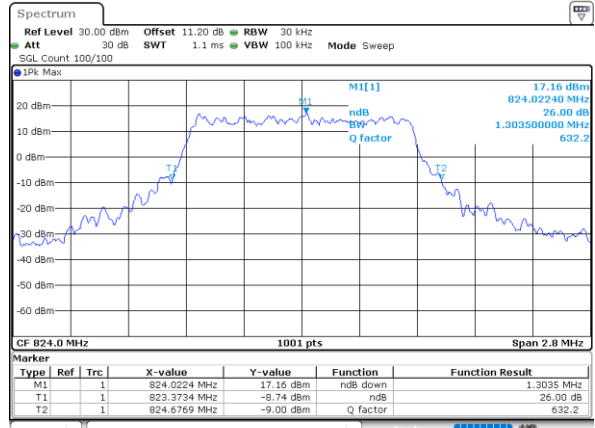
LTE Band 26

824MHz/ 1.4MHz / QPSK



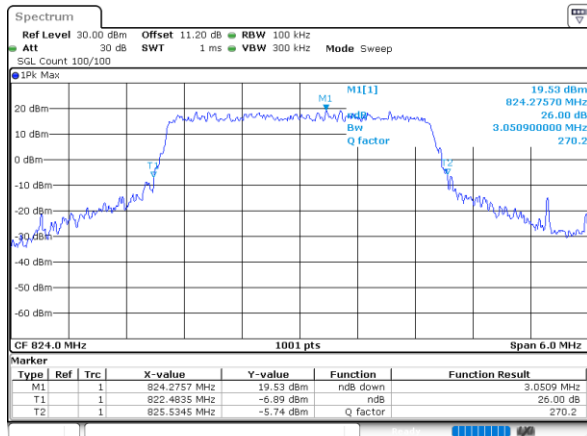
Date: 28.MAY.2024 21:04:01

824MHz/ 1.4MHz / 16QAM



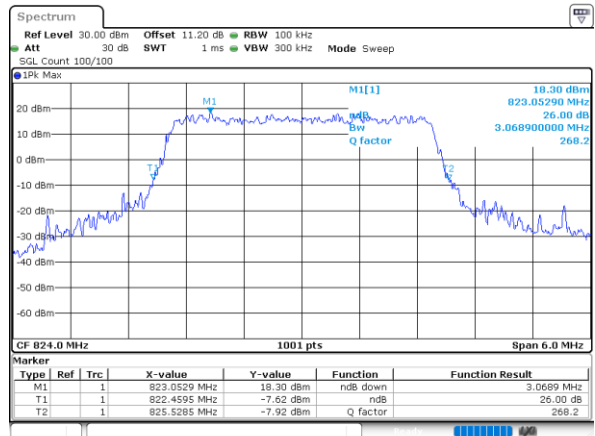
Date: 28.MAY.2024 21:04:26

824MHz/ 3MHz / QPSK



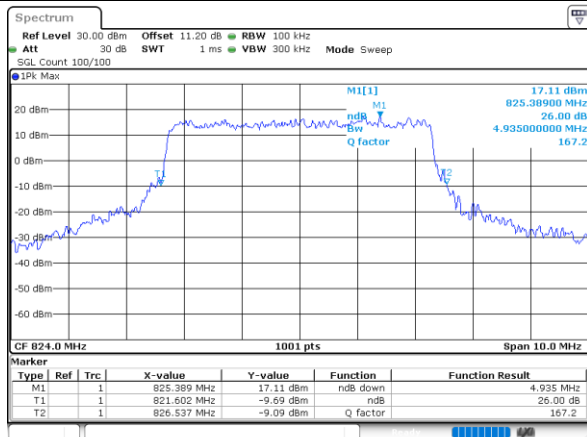
Date: 28.MAY.2024 23:51:24

824MHz/ 3MHz / 16QAM



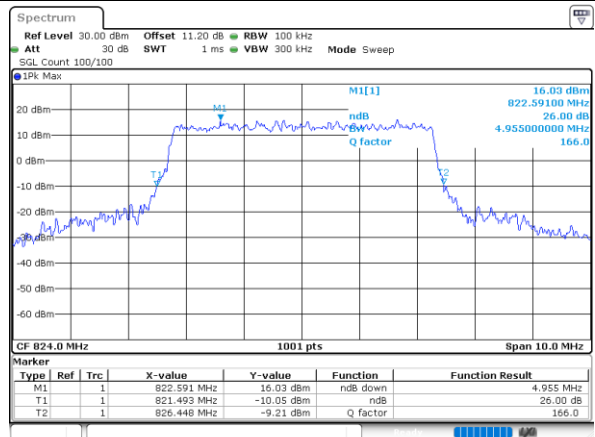
Date: 28.MAY.2024 23:51:49

824MHz/ 5MHz / QPSK



Date: 28.MAY.2024 23:56:20

824MHz/ 5MHz / 16QAM

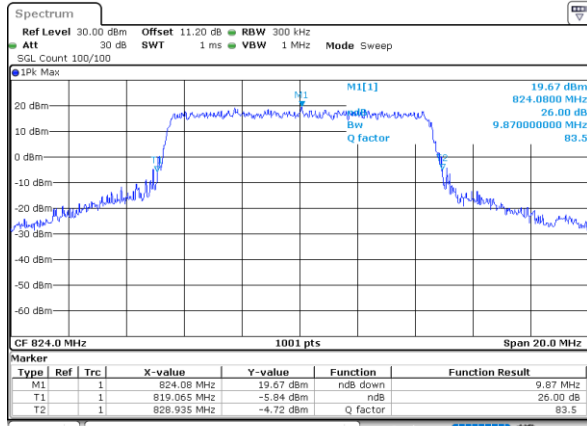


Date: 28.MAY.2024 23:56:45



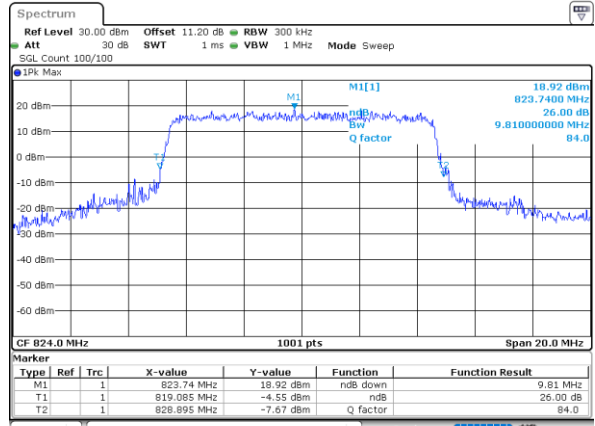
LTE Band 26

824MHz/ 10MHz / QPSK



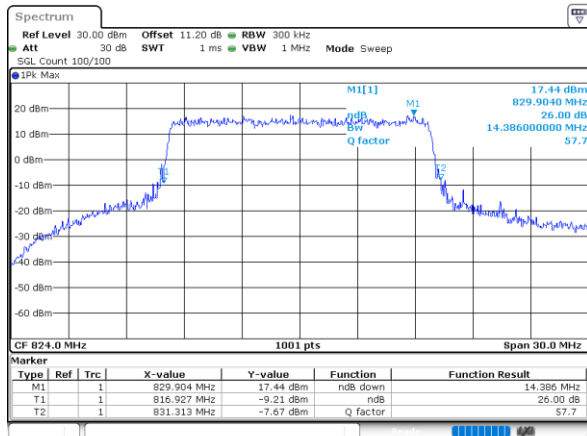
Date: 29.MAY.2024 00:06:43

824MHz/ 10MHz / 16QAM



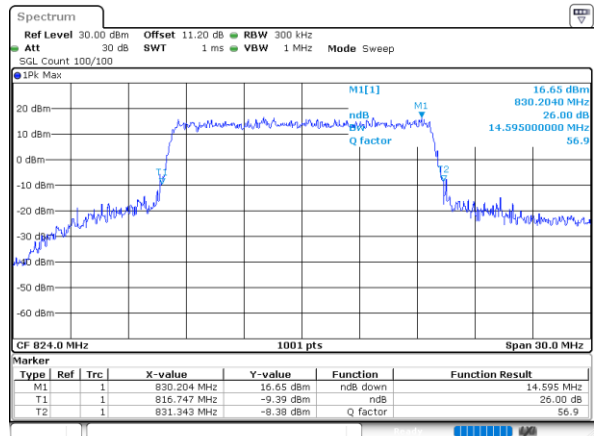
Date: 29.MAY.2024 00:07:08

824MHz/ 15MHz / QPSK



Date: 29.MAY.2024 00:12:04

824MHz/ 15MHz / 16QAM

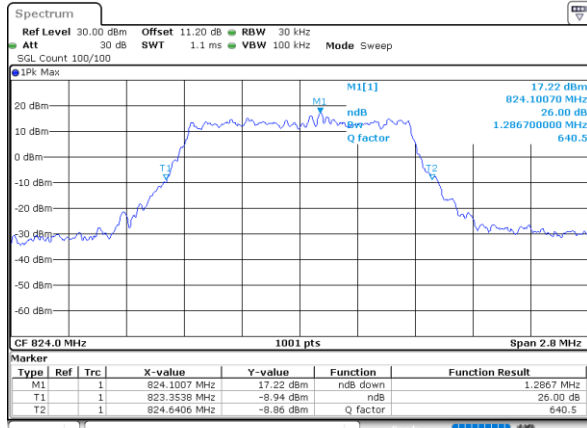


Date: 29.MAY.2024 00:12:29



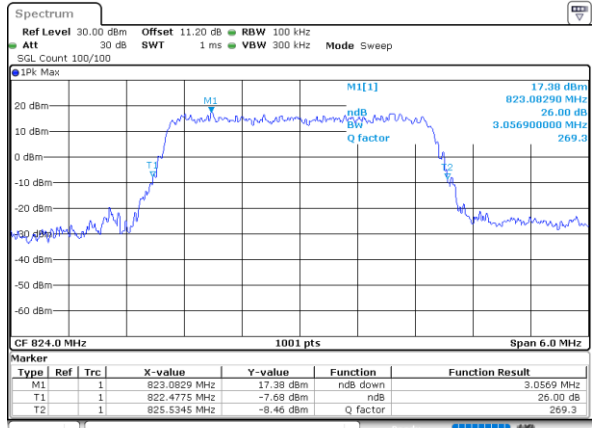
LTE Band 26

824MHz/ 1.4MHz / 64QAM



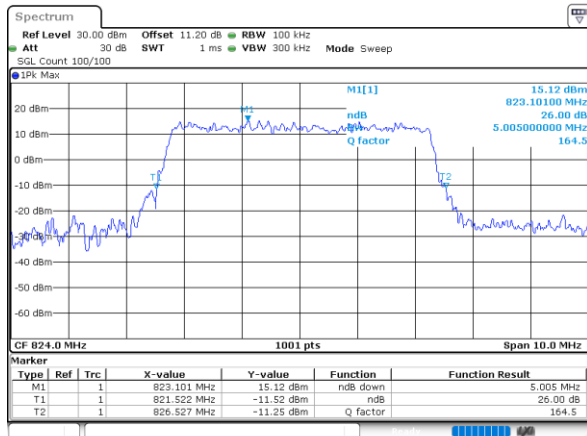
Date: 28.MAY.2024 21:05:10

824MHz/ 3MHz / 64QAM



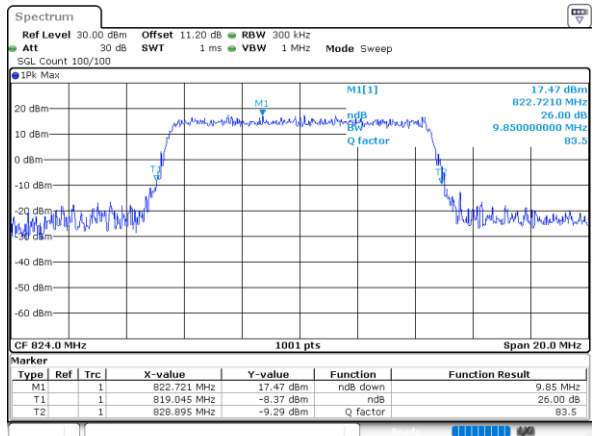
Date: 28.MAY.2024 23:52:41

824MHz/ 5MHz / 64QAM



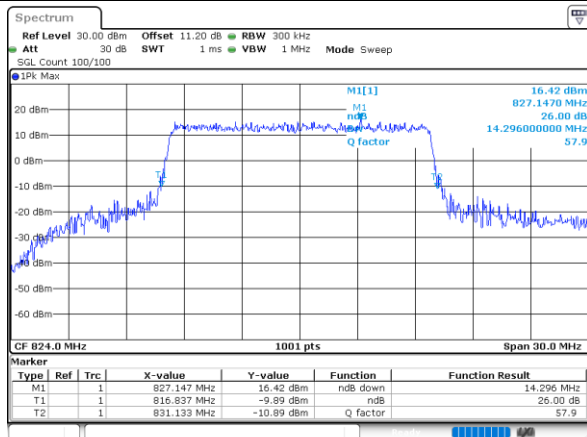
Date: 28.MAY.2024 23:57:36

824MHz/ 10MHz / 64QAM



Date: 29.MAY.2024 00:07:59

824MHz/ 15MHz / 64QAM



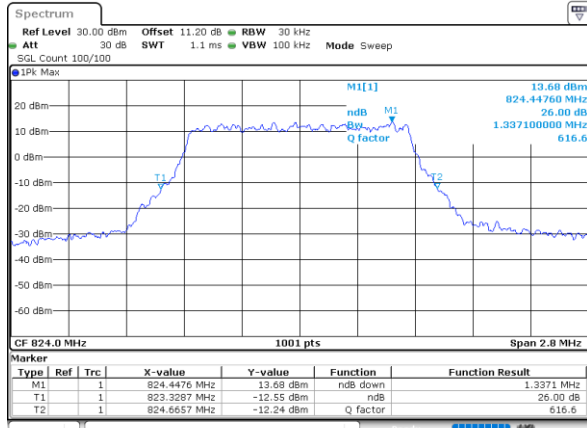
Date: 29.MAY.2024 00:13:21

N/A



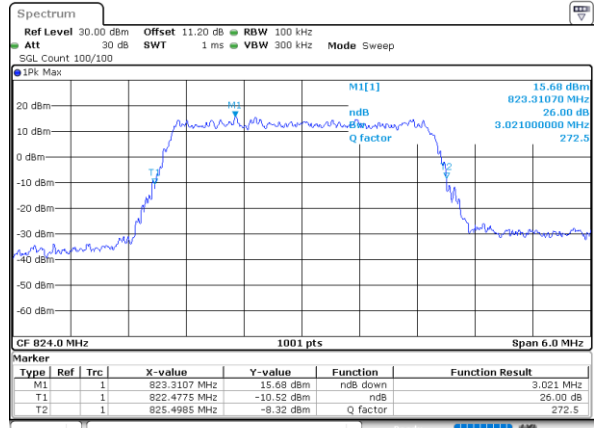
LTE Band 26

824MHz/ 1.4MHz / 256QAM



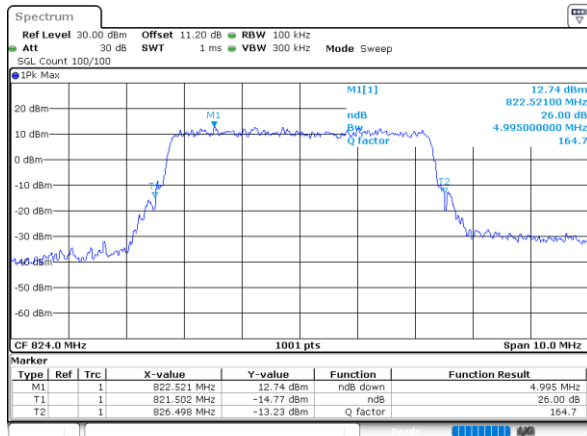
Date: 28.MAY.2024 21:05:16

824MHz/ 3MHz / 256QAM



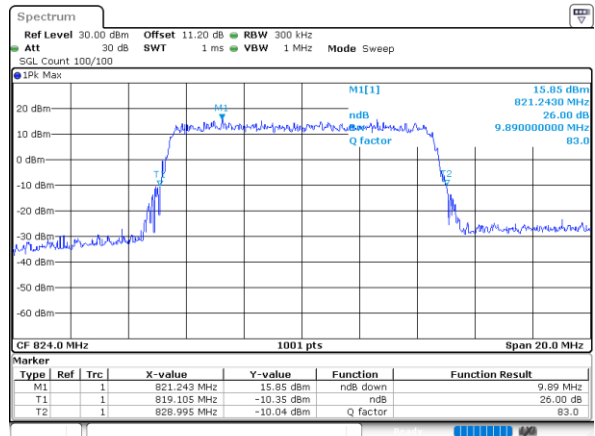
Date: 28.MAY.2024 23:53:19

824MHz/ 5MHz / 256QAM



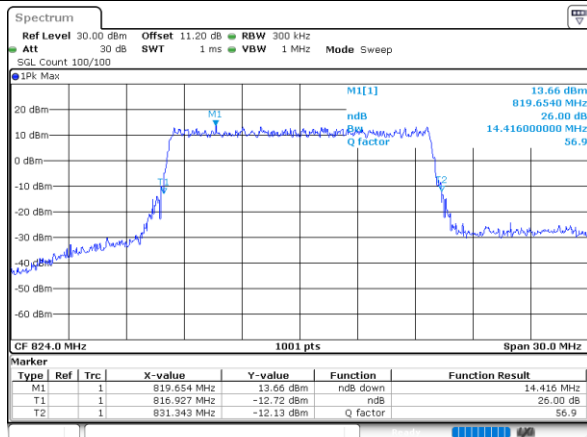
Date: 28.MAY.2024 23:58:14

824MHz/ 10MHz / 256QAM



Date: 29.MAY.2024 00:08:37

824MHz/ 15MHz / 256QAM



Date: 29.MAY.2024 00:13:59

N/A

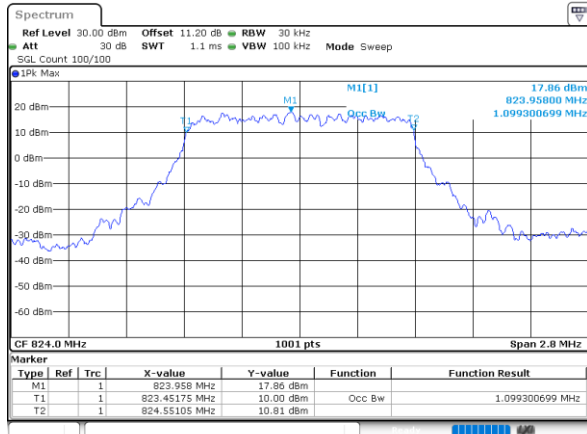
**Occupied Bandwidth**

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	1.10	2.72	2.72	4.50	4.50	9.07	9.07	13.51	13.48	-	-
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	1.10	1.09	2.73	2.73	4.49	4.49	9.07	9.01	13.45	13.42	-	-

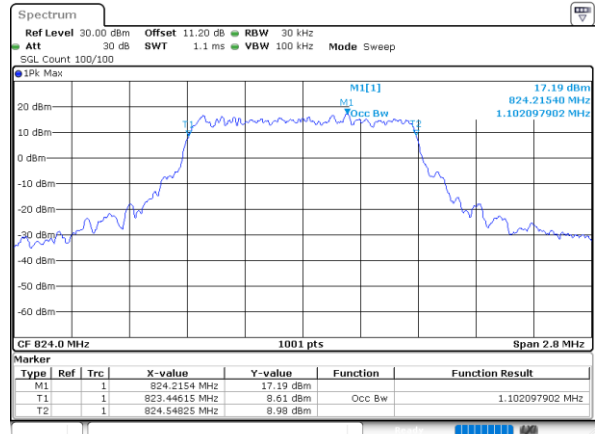


LTE Band 26

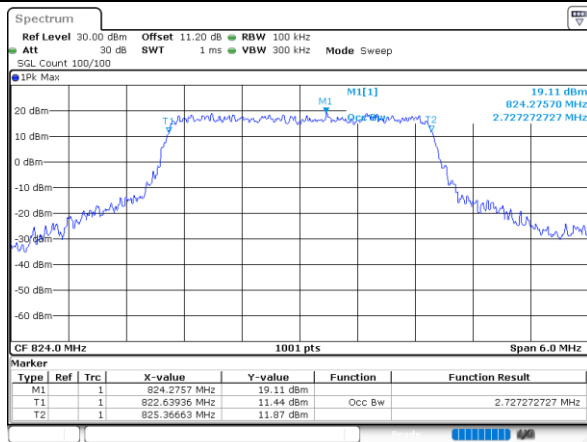
824MHz/ 1.4MHz / QPSK



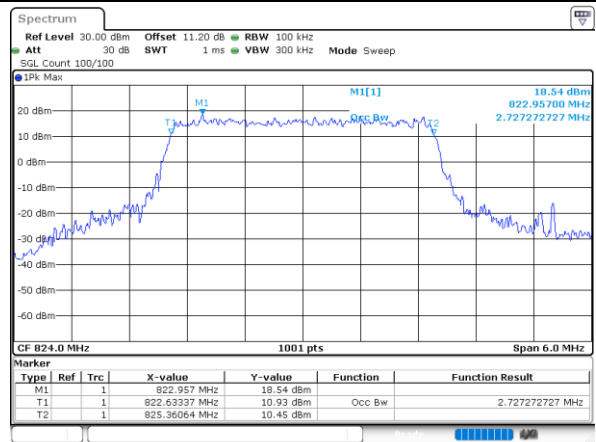
824MHz/ 1.4MHz / 16QAM



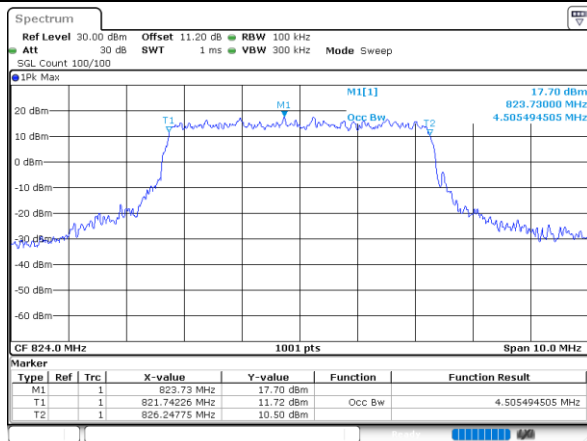
824MHz/ 3MHz / QPSK



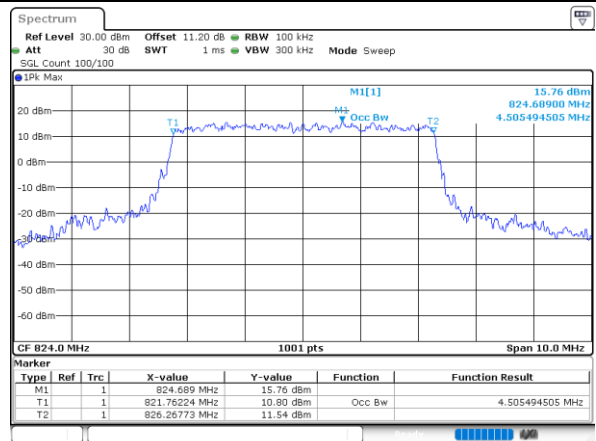
824MHz/ 3MHz / 16QAM



824MHz/ 5MHz / QPSK



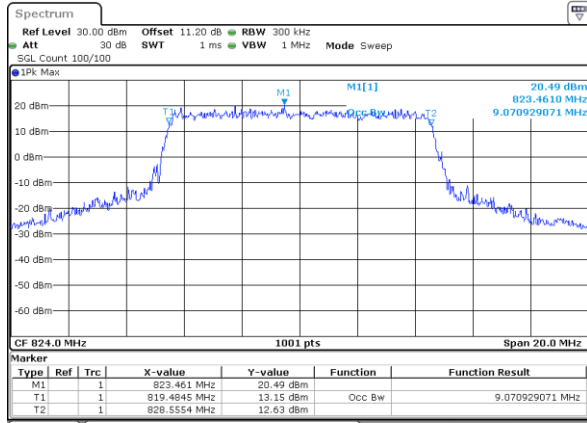
824MHz/ 5MHz / 16QAM





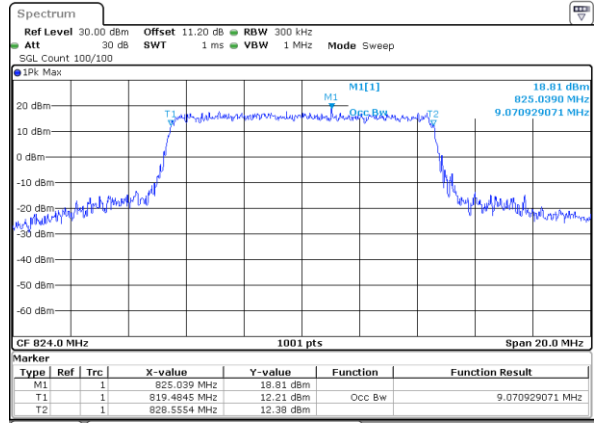
LTE Band 26

824MHz/ 10MHz / QPSK



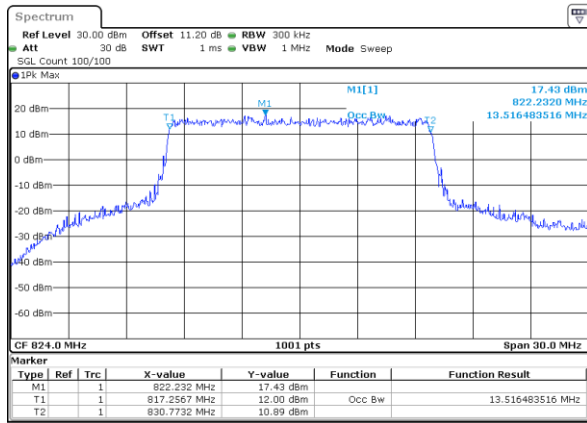
Date: 29.MAY.2024 00:06:30

824MHz/ 10MHz / 16QAM



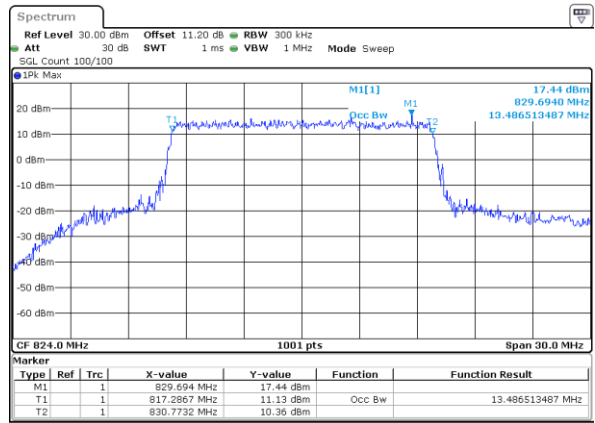
Date: 29.MAY.2024 00:07:21

824MHz/ 15MHz / QPSK



Date: 29.MAY.2024 00:11:51

824MHz/ 15MHz / 16QAM

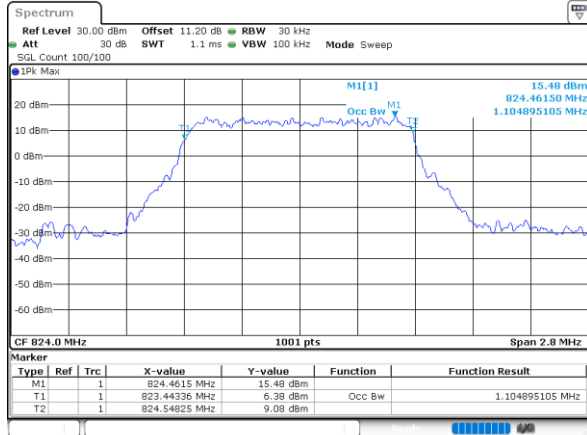


Date: 29.MAY.2024 00:12:42



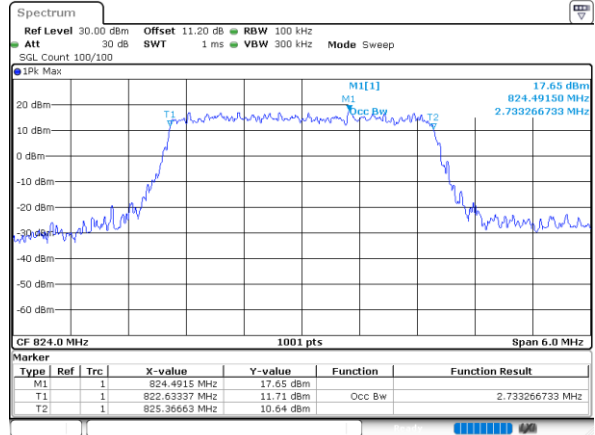
LTE Band 26

824MHz/ 1.4MHz / 64QAM



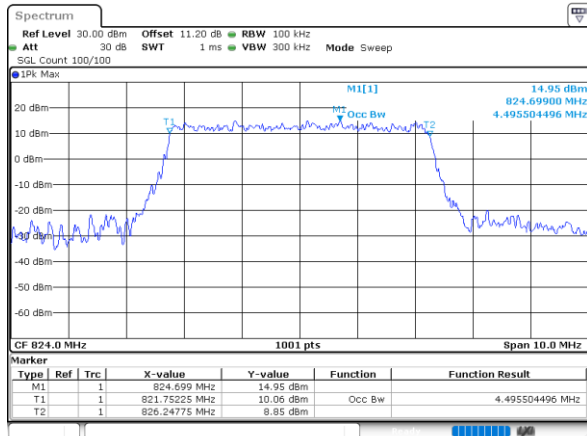
Date: 28.MAY.2024 21:05:05

824MHz/ 3MHz / 64QAM



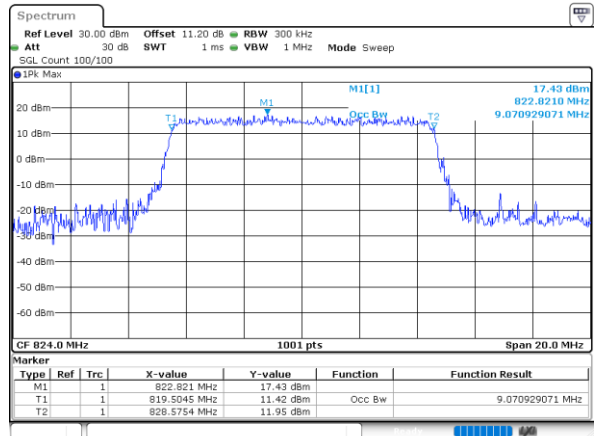
Date: 28.MAY.2024 23:52:28

824MHz/ 5MHz / 64QAM



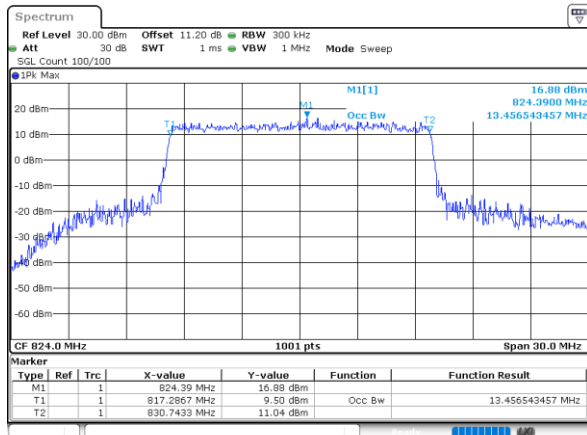
Date: 28.MAY.2024 23:57:23

824MHz/ 10MHz / 64QAM



Date: 29.MAY.2024 00:07:46

824MHz/ 15MHz / 64QAM



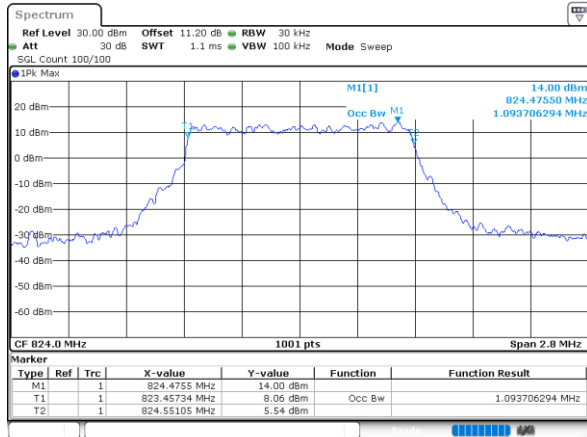
Date: 29.MAY.2024 00:13:08

N/A



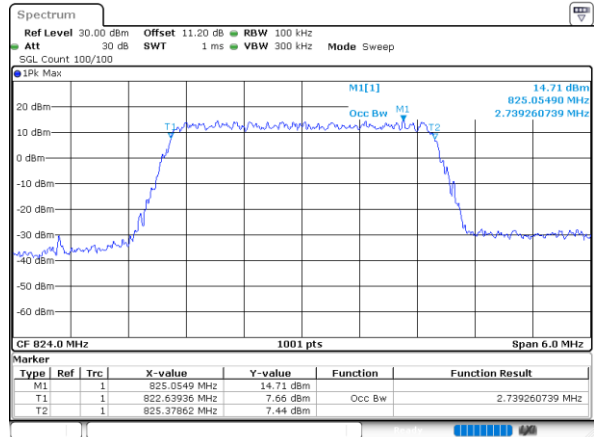
LTE Band 26

824MHz/ 1.4MHz / 256QAM



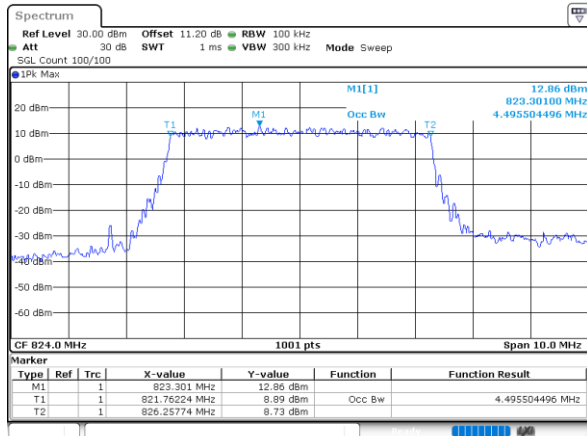
Date: 28.MAY.2024 21:05:43

824MHz/ 3MHz / 256QAM



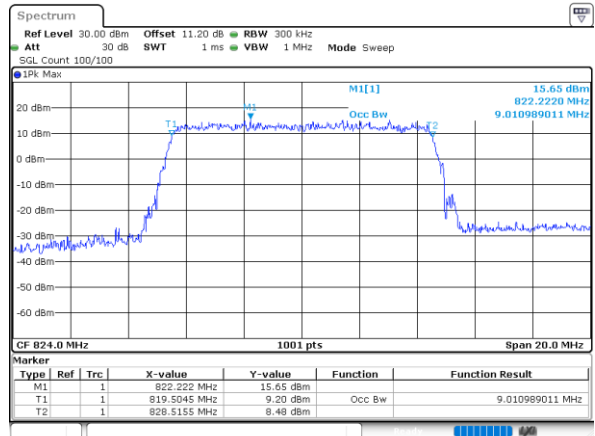
Date: 28.MAY.2024 23:53:06

824MHz/ 5MHz / 256QAM



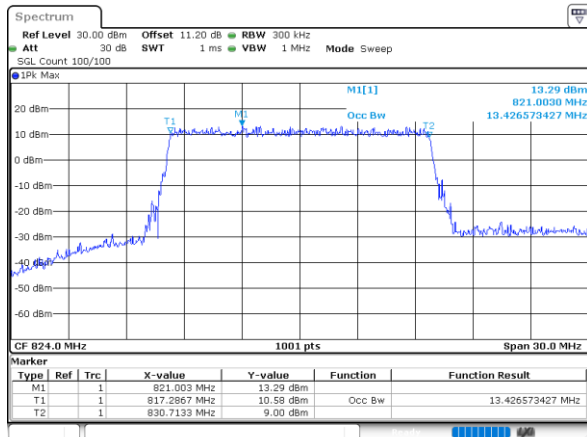
Date: 28.MAY.2024 23:58:01

824MHz/ 10MHz / 256QAM



Date: 29.MAY.2024 00:08:24

824MHz/15MHz / 256QAM



Date: 29.MAY.2024 00:13:46

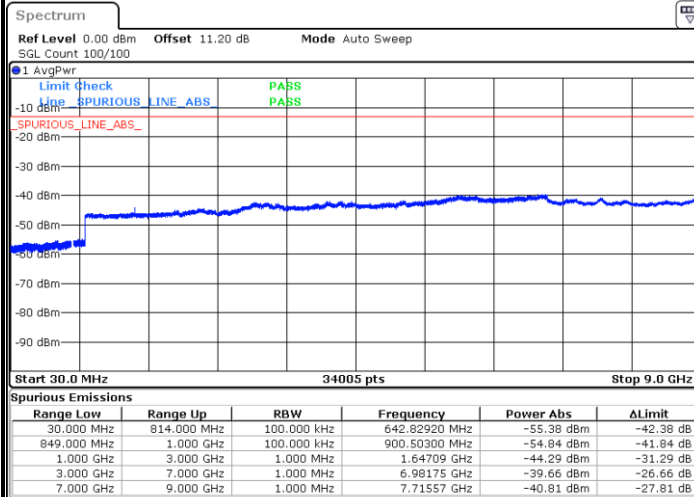
N/A



Conducted Spurious Emission

LTE Band 26 / 1.4MHz

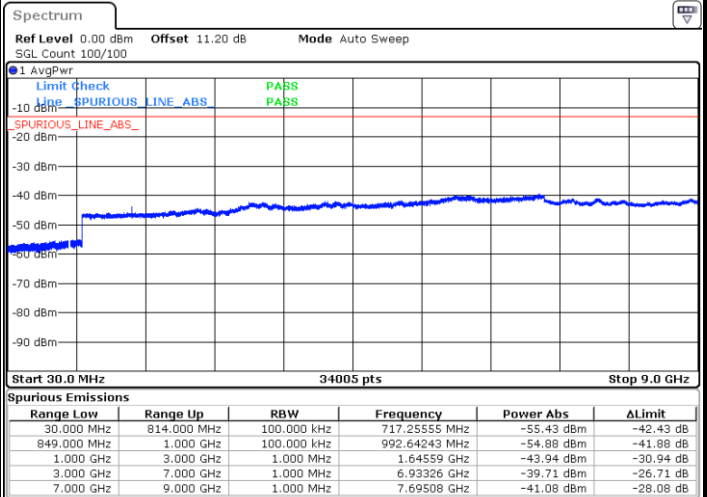
824MHz/ QPSK



Date: 29.MAY.2024 00:22:20

LTE Band 26 / 3MHz

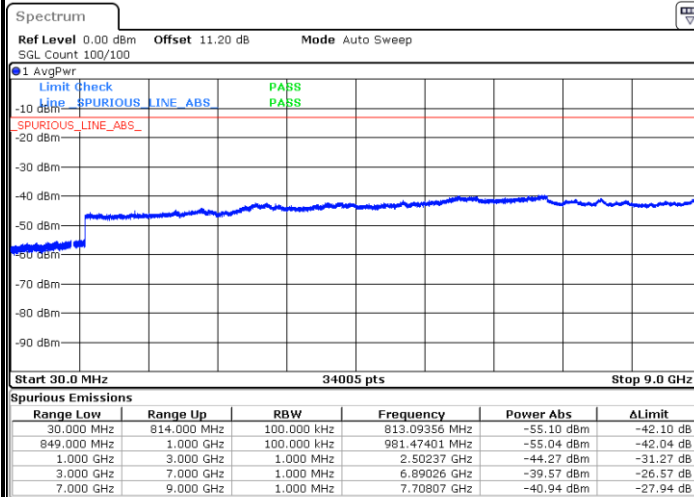
824MHz/ QPSK



Date: 29.MAY.2024 00:28:28

LTE Band 26 / 5MHz

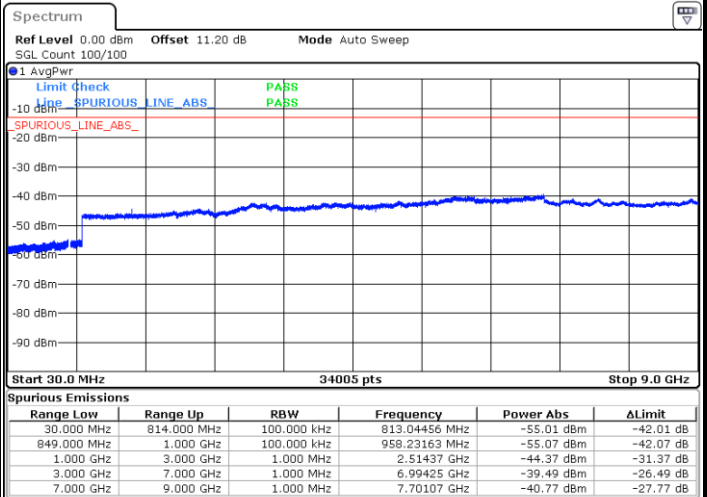
824MHz/ QPSK



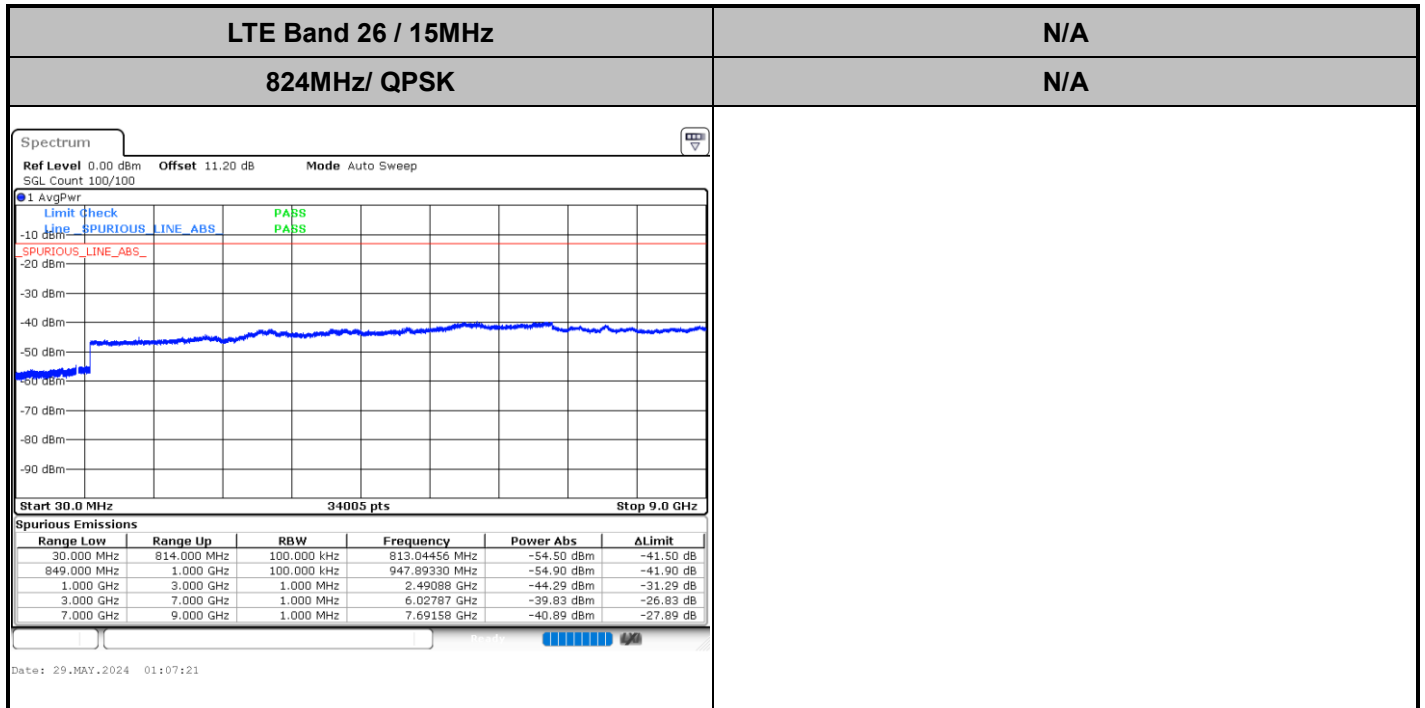
Date: 29.MAY.2024 00:36:16

LTE Band 26 / 10MHz

824MHz/ QPSK



Date: 29.MAY.2024 01:03:19



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	0.0146	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0191	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0201	
-20	Normal Voltage	0.0124	
-30	Normal Voltage	0.0110	
20	Maximum Voltage	0.0136	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

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.

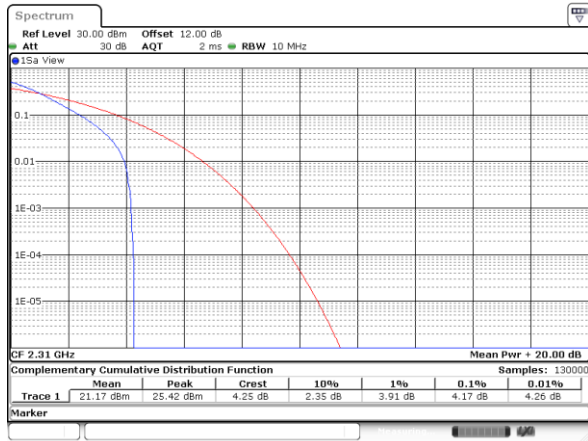
**LTE Band 30****Peak-to-Average Ratio**

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	4.17	5.28	5.94	6.20	PASS



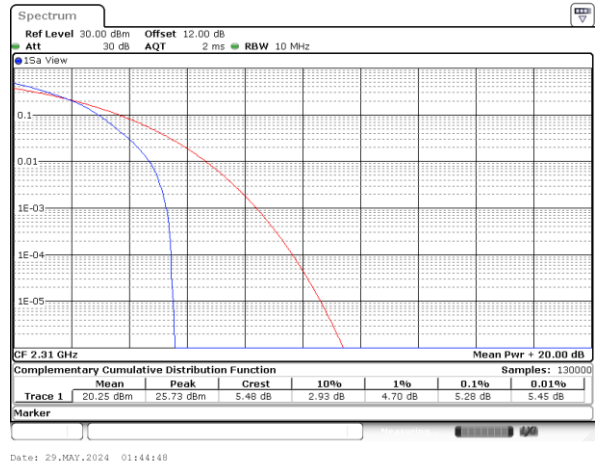
LTE Band 30 / 10MHz / QPSK

Middle Channel / Full RB



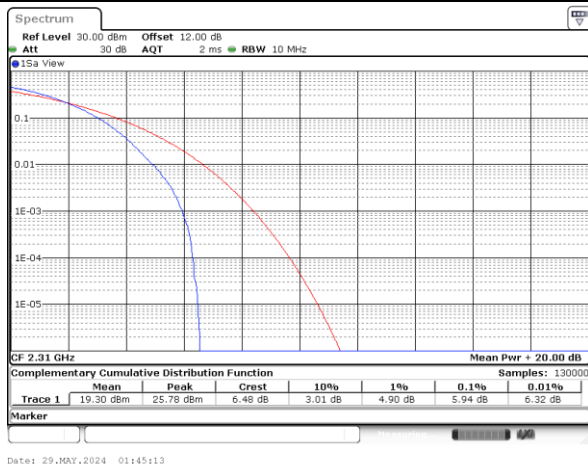
LTE Band 30 / 10MHz / 16QAM

Middle Channel / Full RB



LTE Band 30 / 10MHz / 64QAM

Middle Channel / Full RB



LTE Band 30 / 10MHz / 256QAM

Middle Channel / Full RB



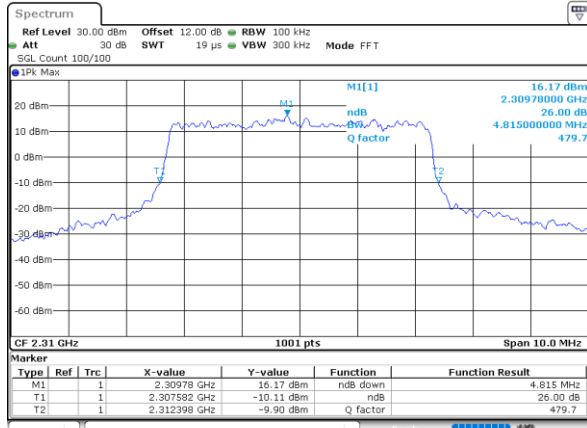
**26dB Bandwidth**

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	-	-	-	-	4.81	4.94	9.78	9.66	-	-	-	-
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	-	-	-	-	4.95	4.90	9.81	9.81	-	-	-	-



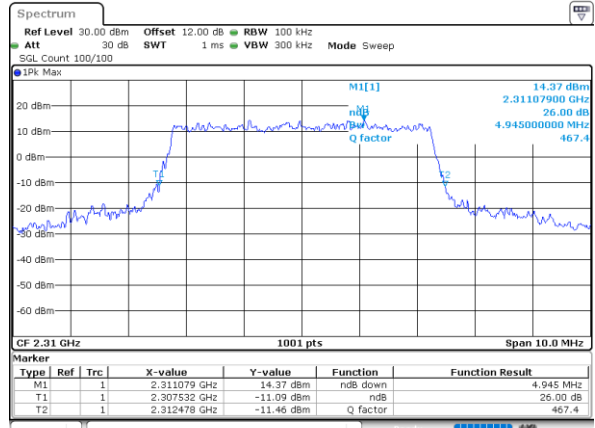
LTE Band 30

Middle Channel / 5MHz / QPSK



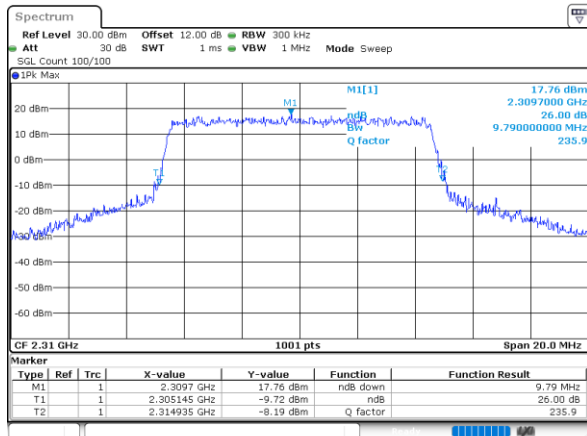
Date: 4.JUN.2024 14:22:13

Middle Channel / 5MHz / 16QAM



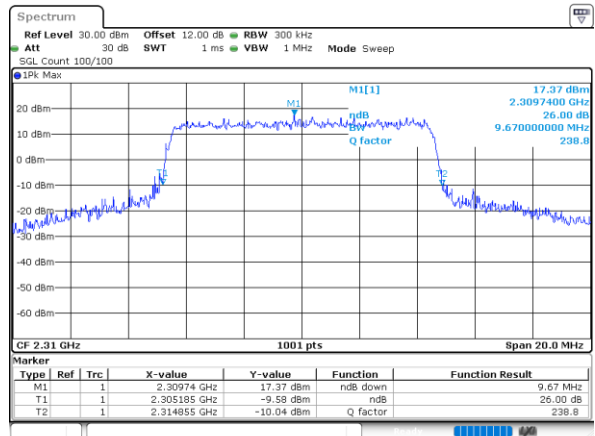
Date: 29.MAY.2024 01:13:17

Middle Channel / 10MHz / QPSK



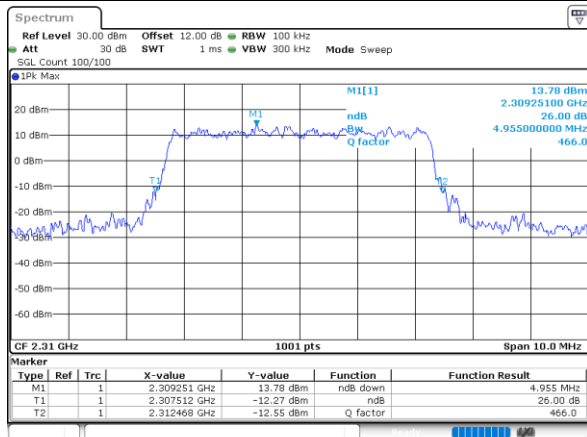
Date: 29.MAY.2024 01:42:43

Middle Channel / 10MHz / 16QAM



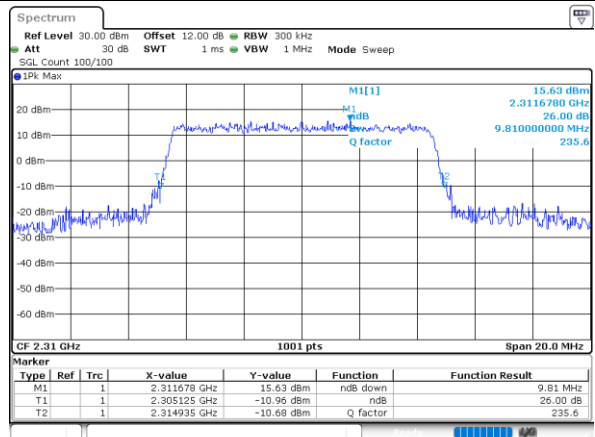
Date: 29.MAY.2024 01:43:07

Middle Channel / 5MHz / 64QAM



Date: 29.MAY.2024 01:37:01

Middle Channel / 10MHz / 64QAM

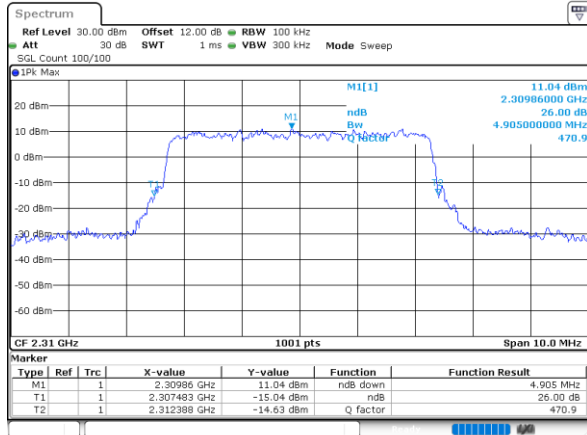


Date: 29.MAY.2024 01:43:32



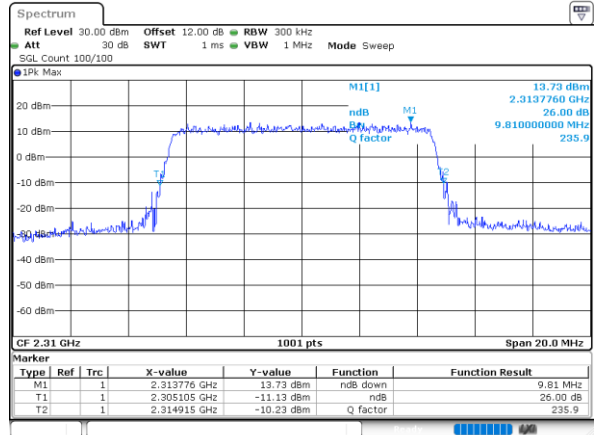
LTE Band 30

Middle Channel / 5MHz / 256QAM



Date: 29.MAY.2024 01:37:26

Middle Channel / 10MHz / 256QAM



Date: 29.MAY.2024 01:43:57

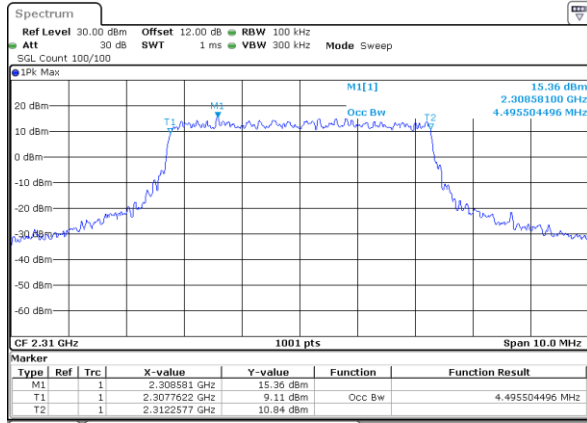
**Occupied Bandwidth**

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	-	-	-	-	4.49	4.50	9.03	9.05	-	-	-	-
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	4.48	9.01	9.05	-	-	-	-



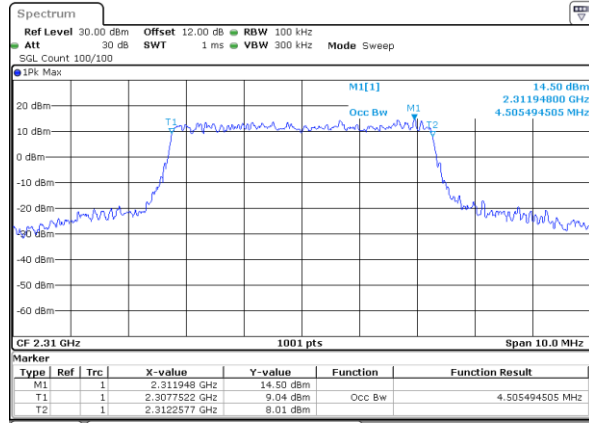
LTE Band 30

Middle Channel / 5MHz / QPSK



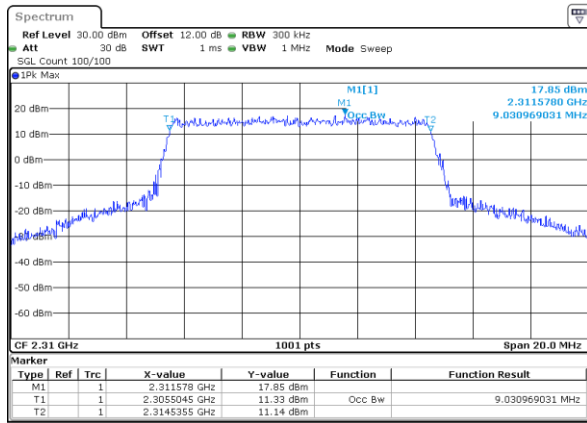
Date: 29.MAY.2024 01:34:34

Middle Channel / 5MHz / 16QAM



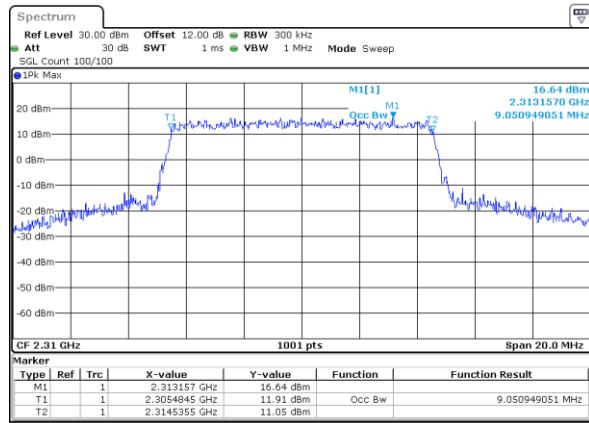
Date: 29.MAY.2024 01:34:59

Middle Channel / 10MHz / QPSK



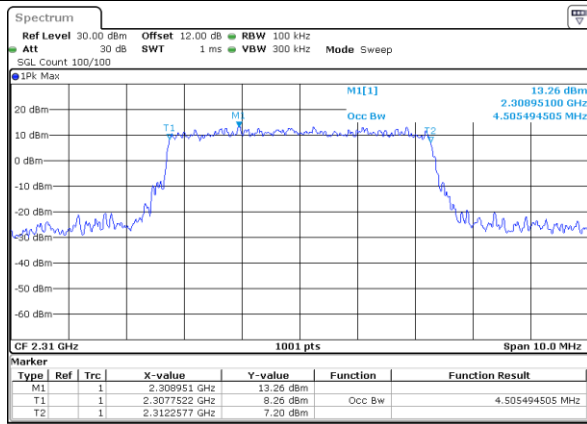
Date: 29.MAY.2024 01:41:05

Middle Channel / 10MHz / 16QAM



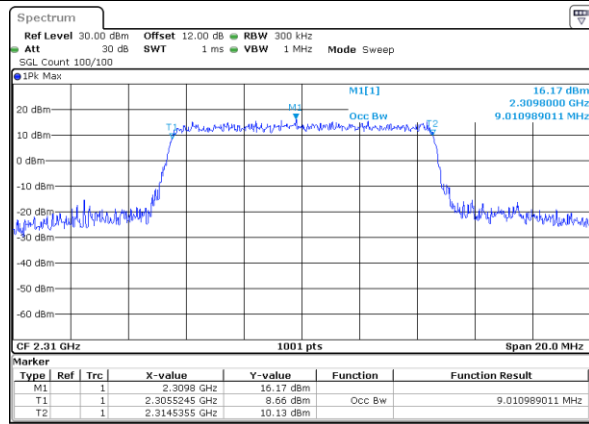
Date: 29.MAY.2024 01:41:29

Middle Channel / 5MHz / 64QAM



Date: 29.MAY.2024 01:35:23

Middle Channel / 10MHz / 64QAM

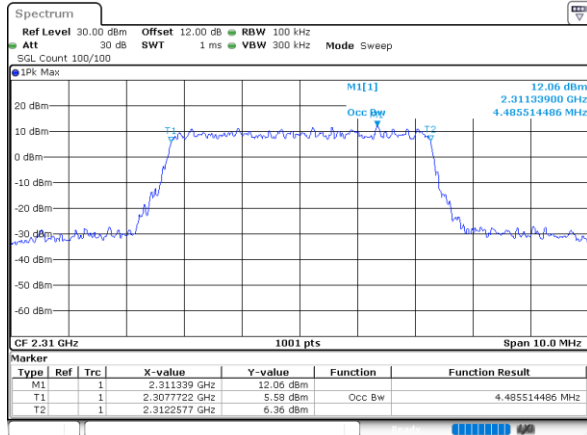


Date: 29.MAY.2024 01:41:54



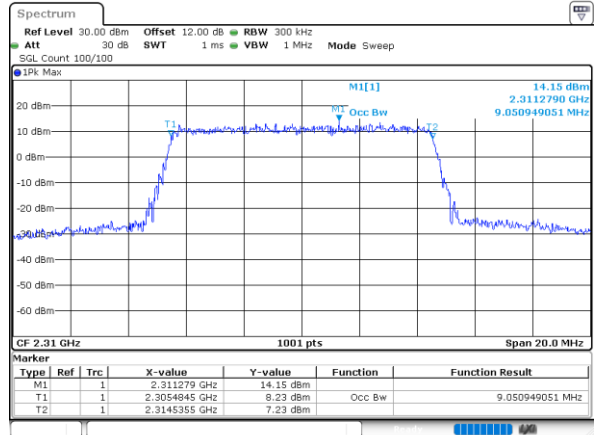
LTE Band 30

Middle Channel / 5MHz / 256QAM



Date: 29.MAY.2024 01:35:40

Middle Channel / 10MHz / 256QAM



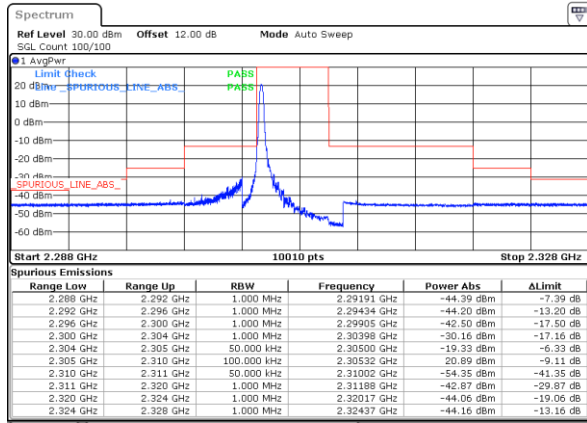
Date: 29.MAY.2024 01:42:18



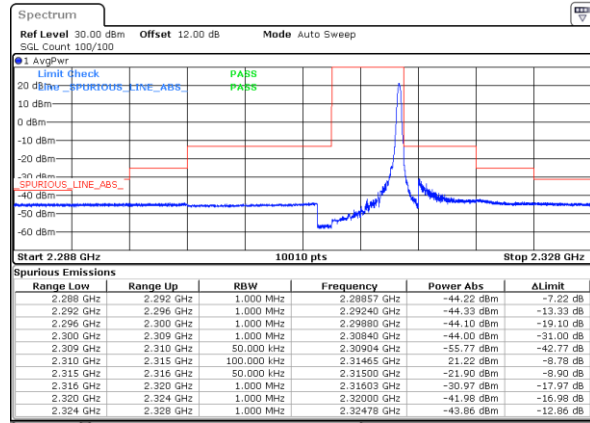
Conducted Band Edge

LTE Band 30 / 5MHz / QPSK

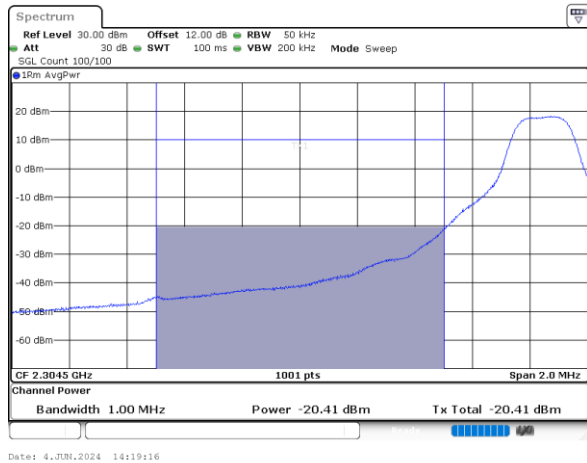
Lowest Band Edge / 1 RB



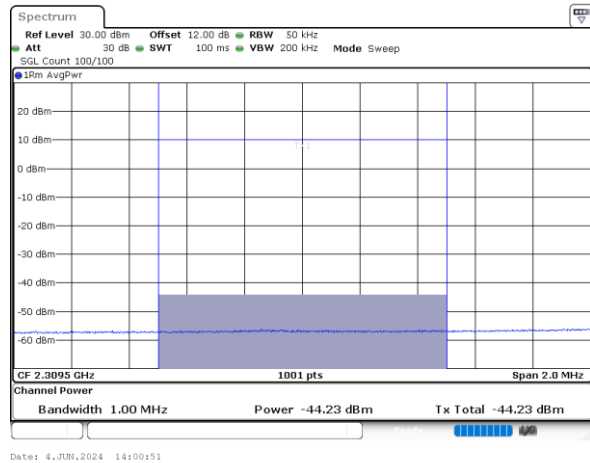
Highest Band Edge / 1 RB



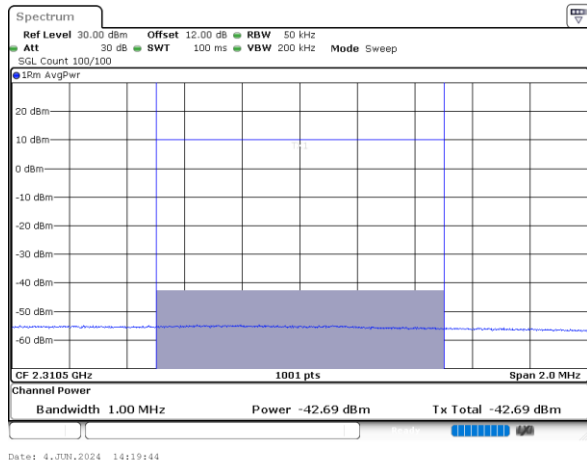
Lowest Band Edge / 1 RB / Lower zoom in



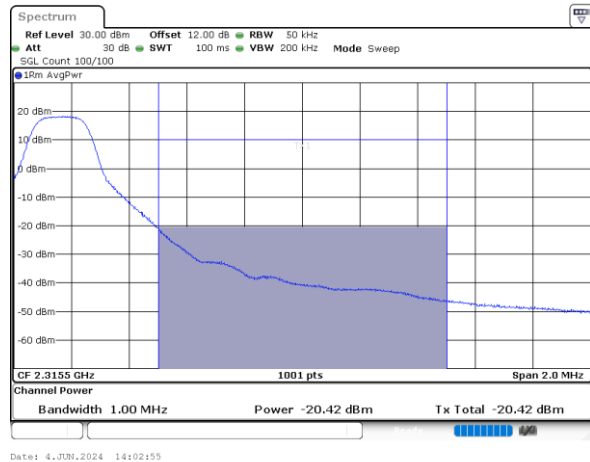
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



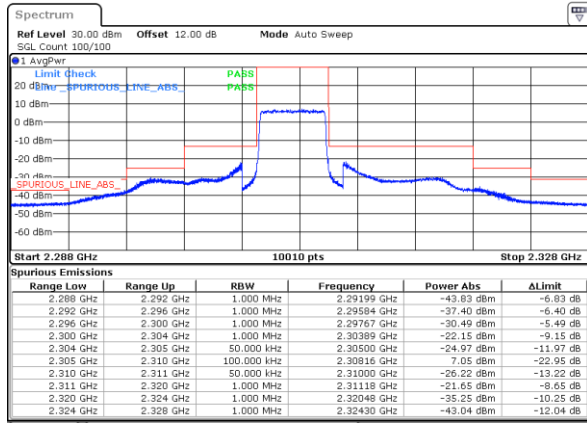
Highest Band Edge / 1 RB / Upper zoom in



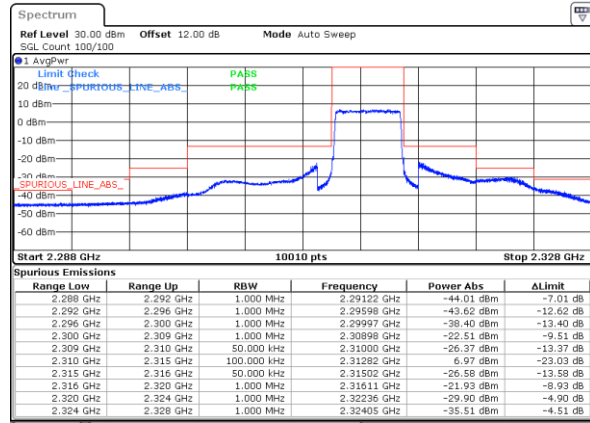


LTE Band 30 / 5MHz / QPSK

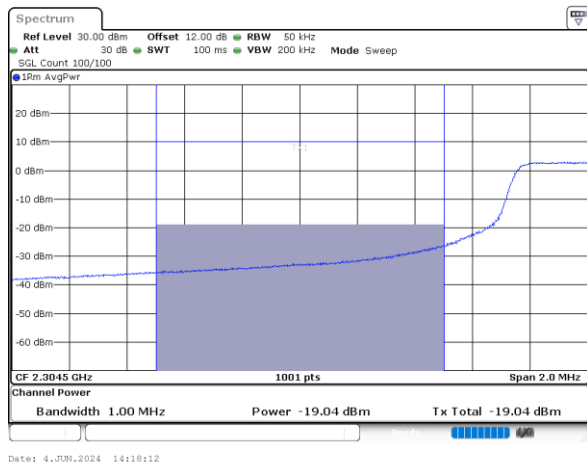
Lowest Band Edge / Full RB



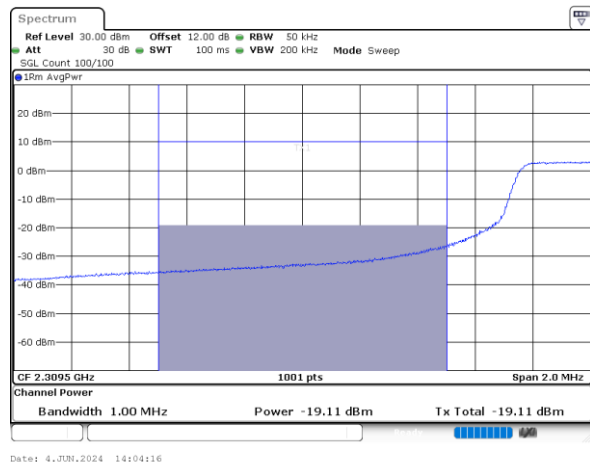
Highest Band Edge / Full RB



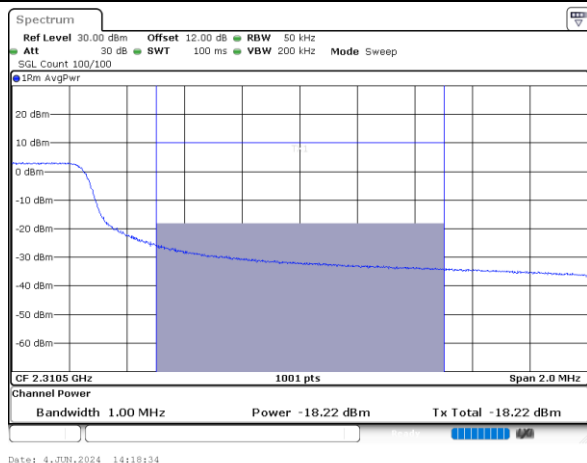
Lowest Band Edge / Full RB / Lower zoom in



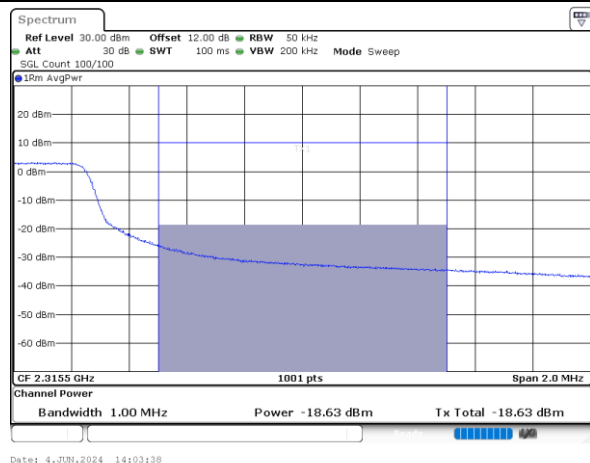
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



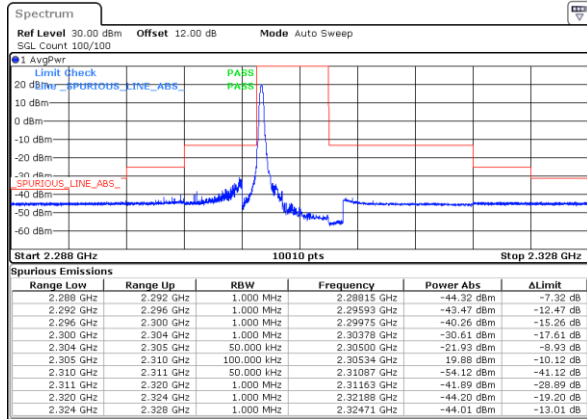
Highest Band Edge / Full RB / Upper zoom in



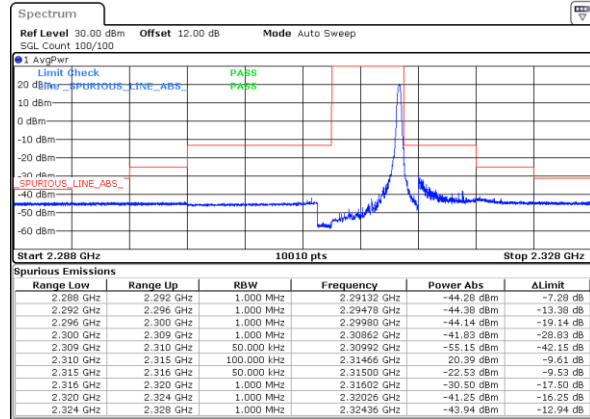


LTE Band 30 / 5MHz / 16QAM

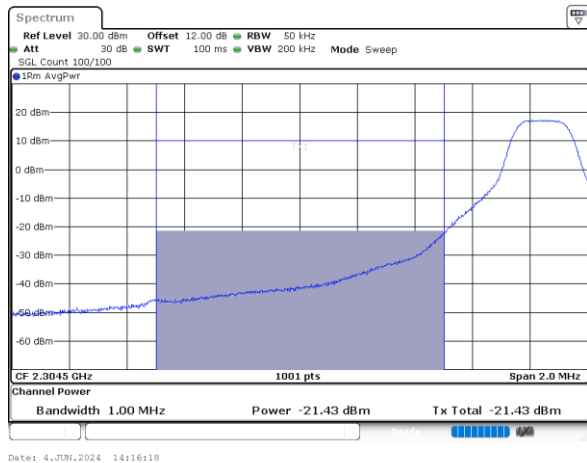
Lowest Band Edge / 1 RB



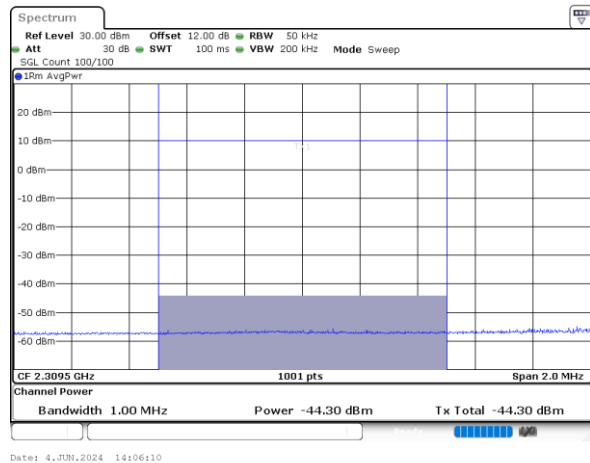
Highest Band Edge / 1 RB



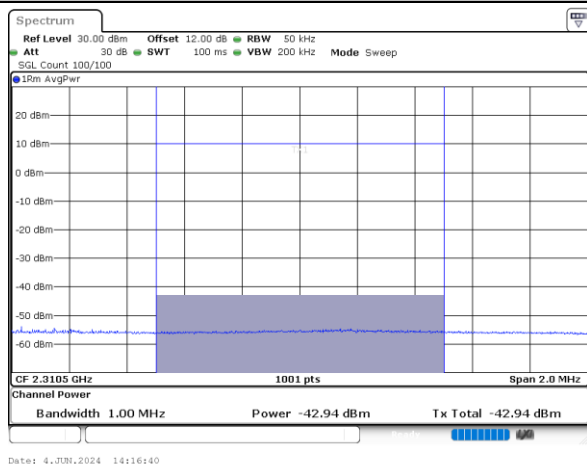
Lowest Band Edge / 1 RB / Lower zoom in



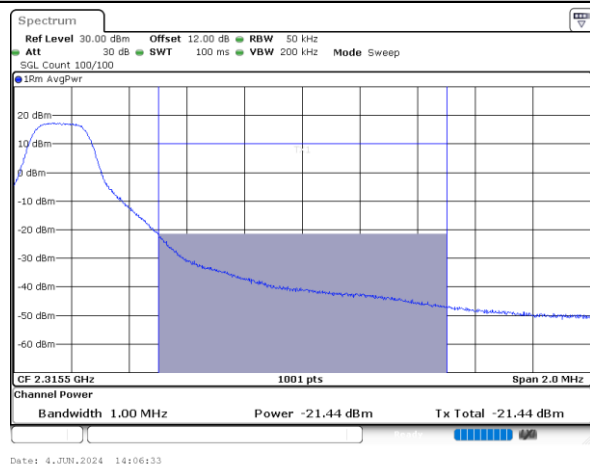
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



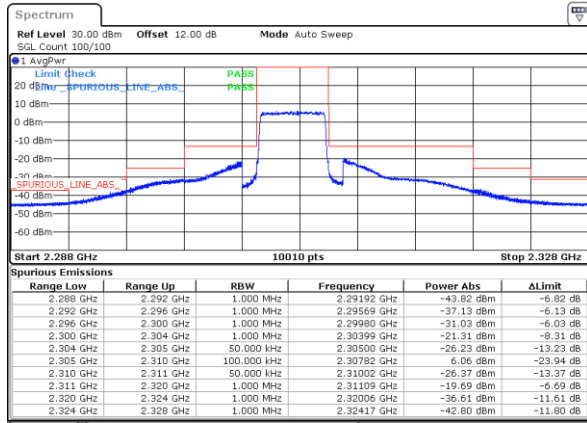
Highest Band Edge / 1 RB / Upper zoom in



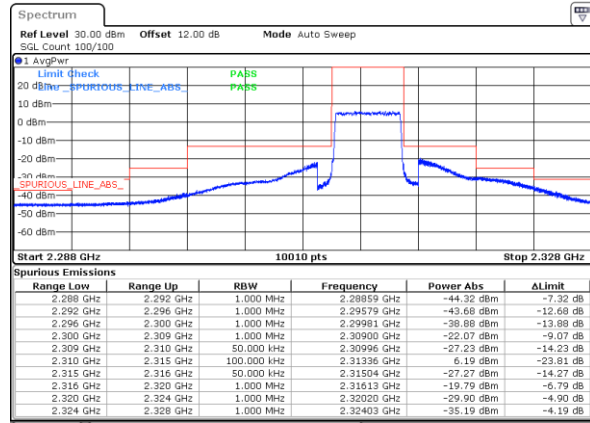


LTE Band 30 / 5MHz / 16QAM

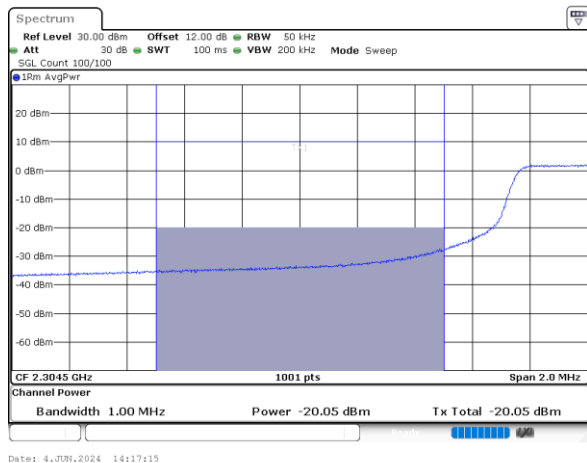
Lowest Band Edge / Full RB



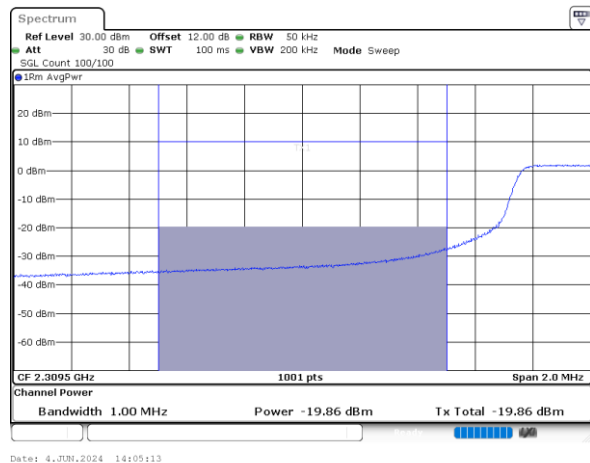
Highest Band Edge / Full RB



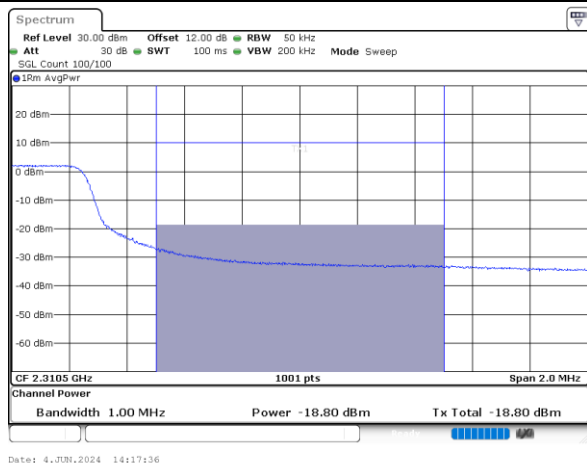
Lowest Band Edge / Full RB / Lower zoom in



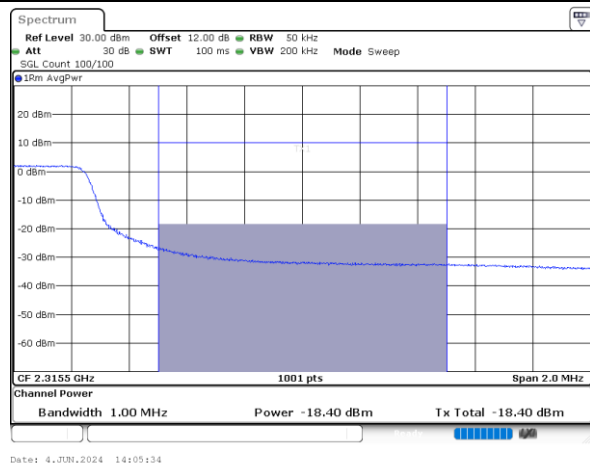
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



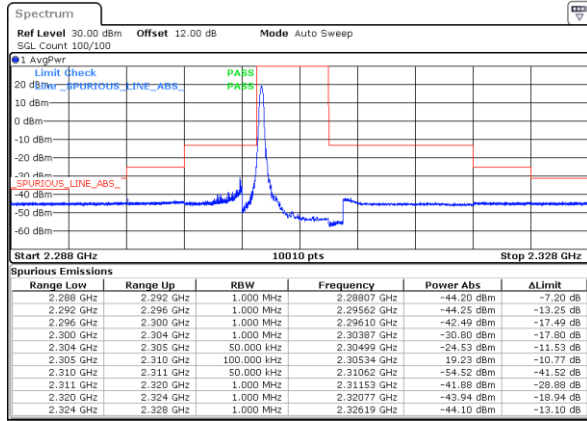
Highest Band Edge / Full RB / Upper zoom in



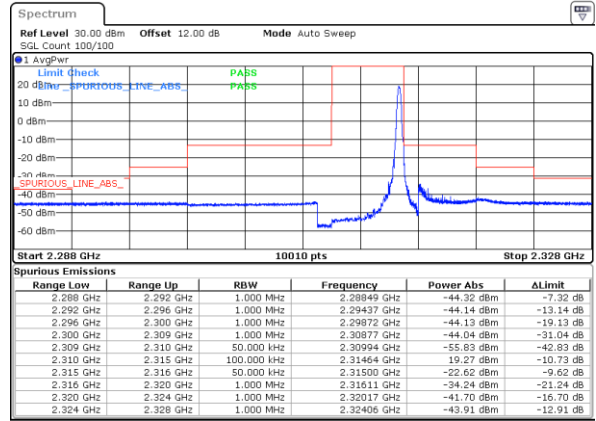


LTE Band 30 / 5MHz / 64QAM

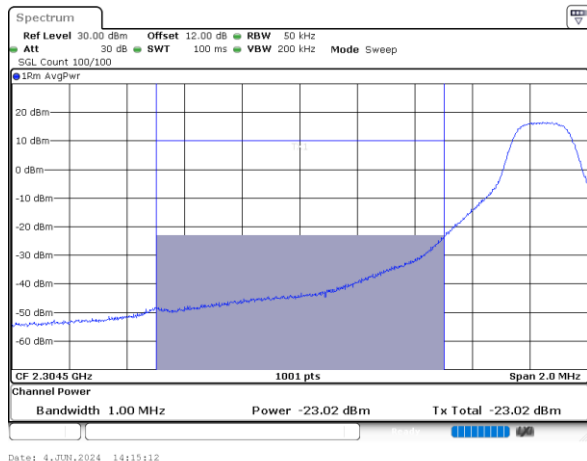
Lowest Band Edge / 1 RB



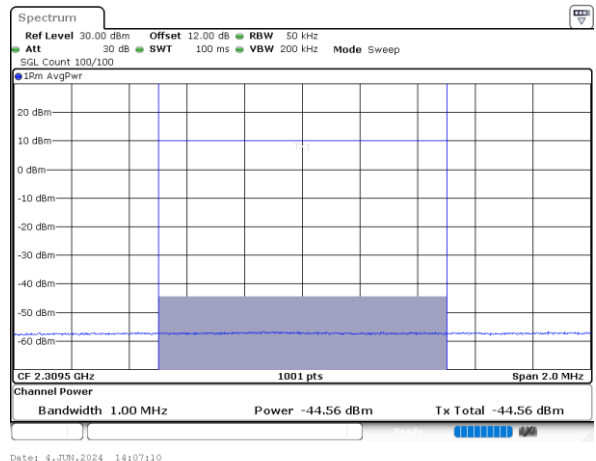
Highest Band Edge / 1 RB



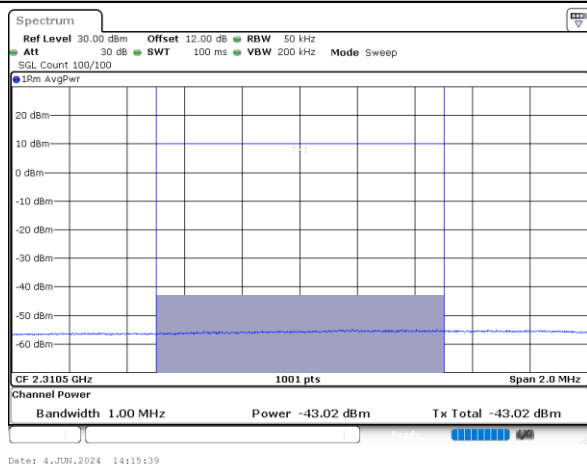
Lowest Band Edge / 1 RB / Lower zoom in



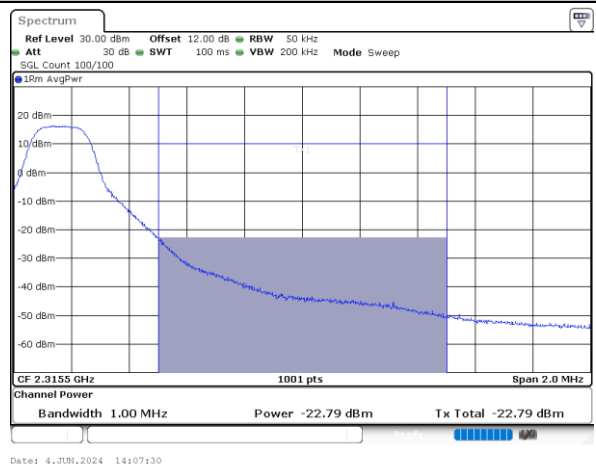
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



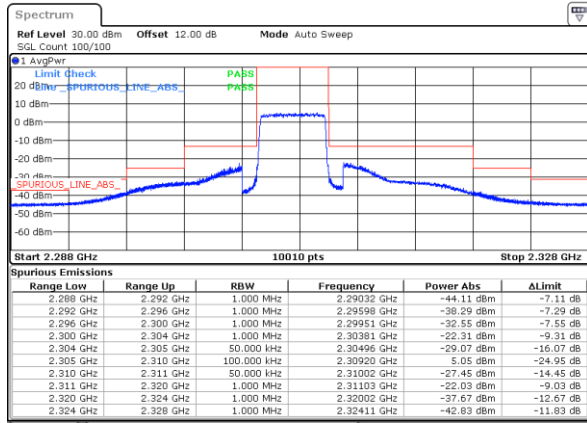
Highest Band Edge / 1 RB / Upper zoom in





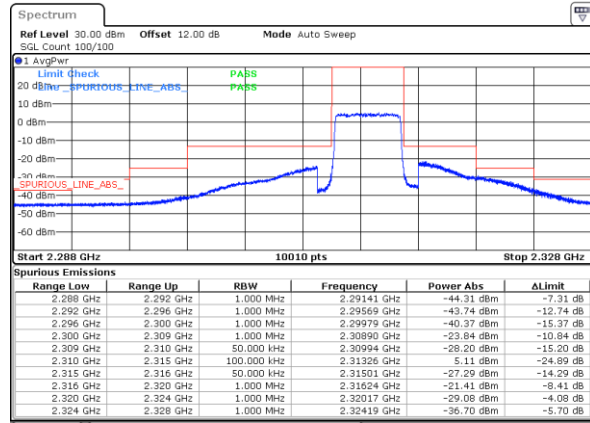
LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / Full RB



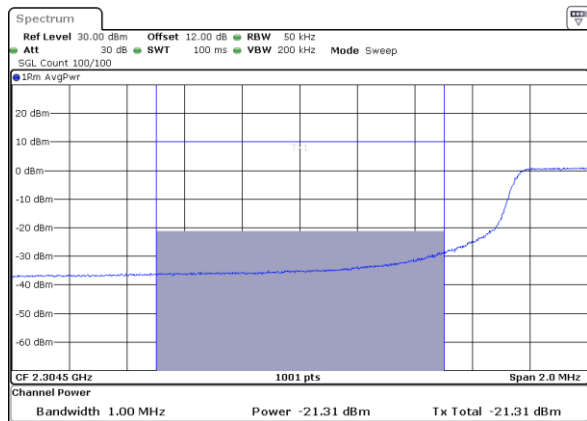
Date: 29.MAY.2024 01:14:30

Highest Band Edge / Full RB



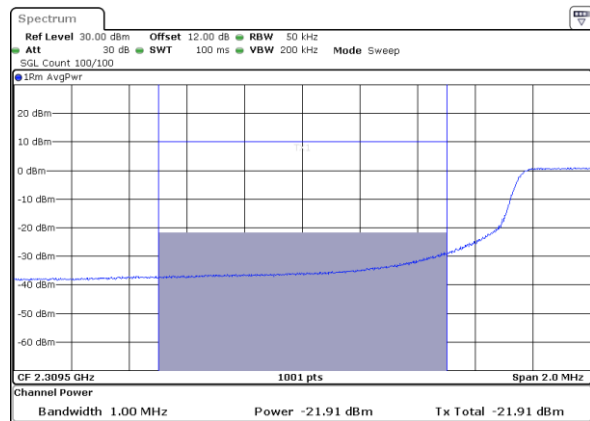
Date: 29.MAY.2024 01:24:36

Lowest Band Edge / Full RB / Lower zoom in



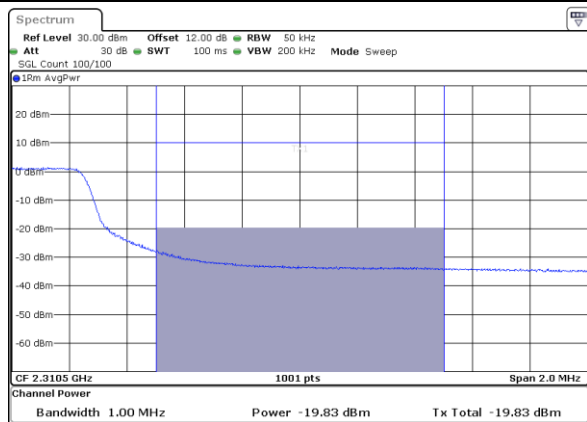
Date: 4.JUN.2024 14:14:13

Highest Band Edge / Full RB / Lower zoom in



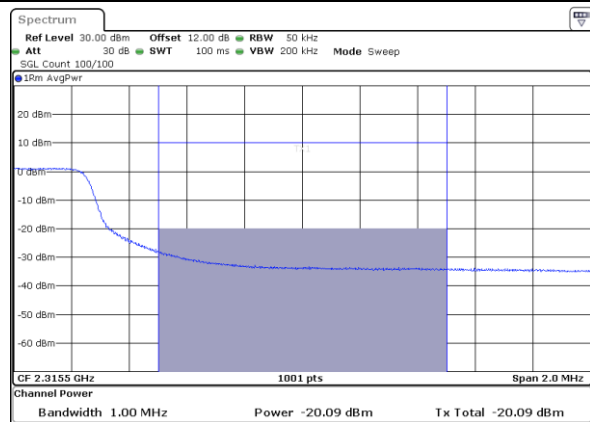
Date: 4.JUN.2024 14:08:06

Lowest Band Edge / Full RB / Upper zoom in



Date: 4.JUN.2024 14:14:36

Highest Band Edge / Full RB / Upper zoom in

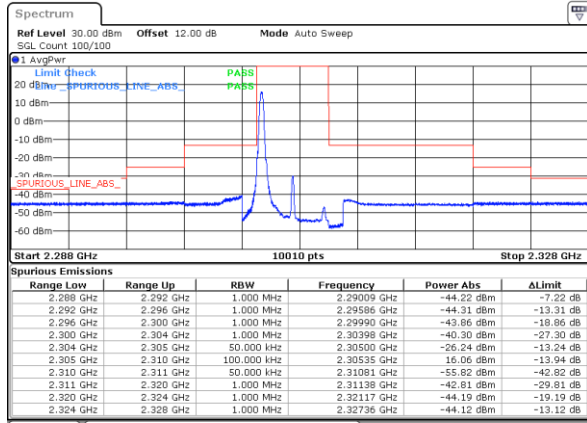


Date: 4.JUN.2024 14:08:28

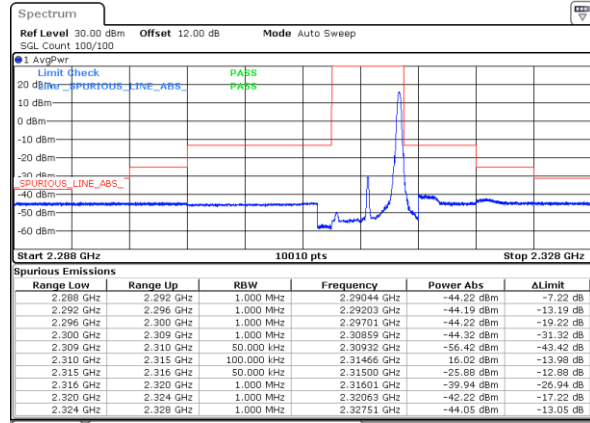


LTE Band 30 / 5MHz / 256QAM

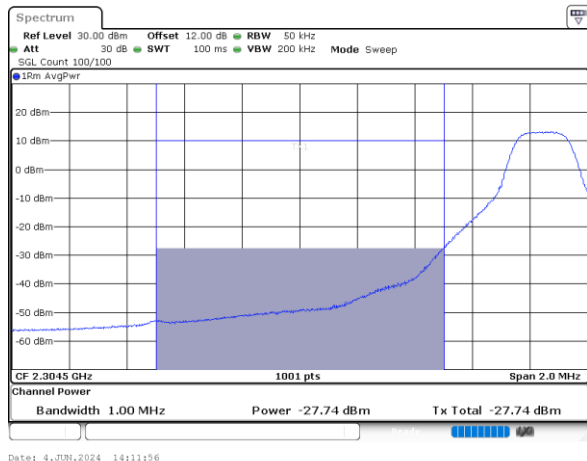
Lowest Band Edge / 1 RB



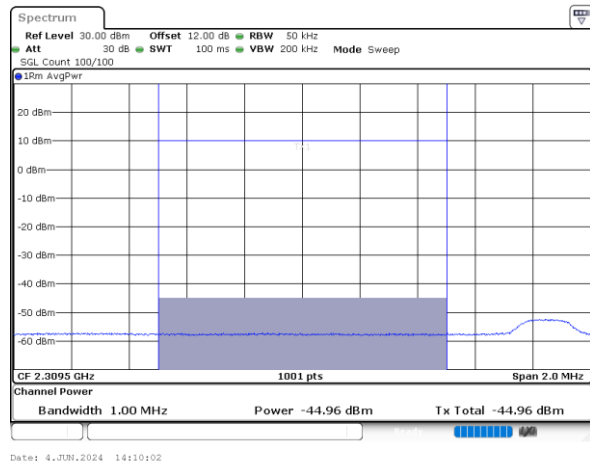
Highest Band Edge / 1 RB



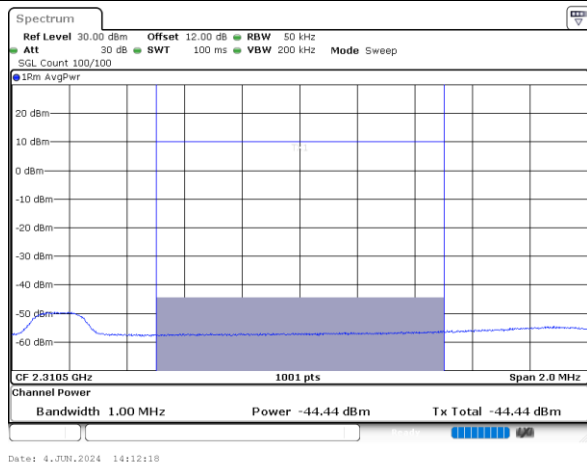
Lowest Band Edge / 1 RB / Lower zoom in



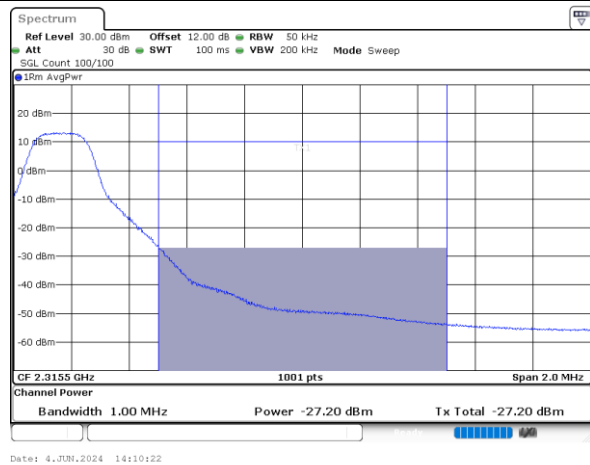
Highest Band Edge / 1 RB / Lower zoom in



Lowest Band Edge / 1 RB / Upper zoom in



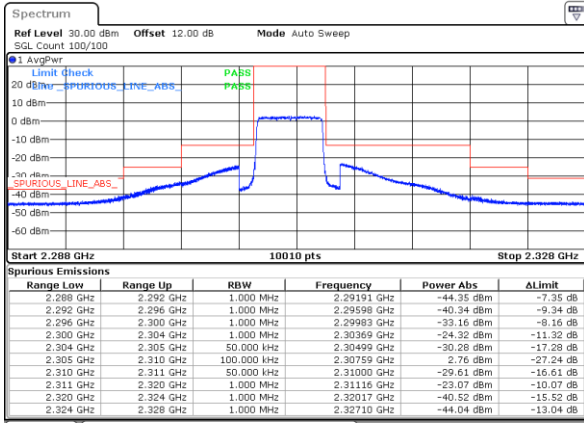
Highest Band Edge / 1 RB / Upper zoom in



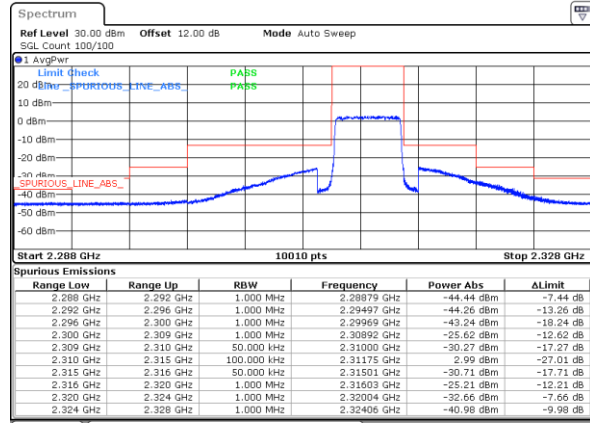


LTE Band 30 / 5MHz / 256QAM

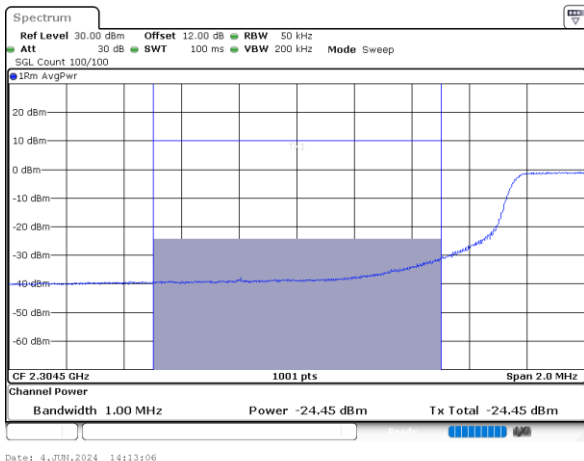
Lowest Band Edge / Full RB



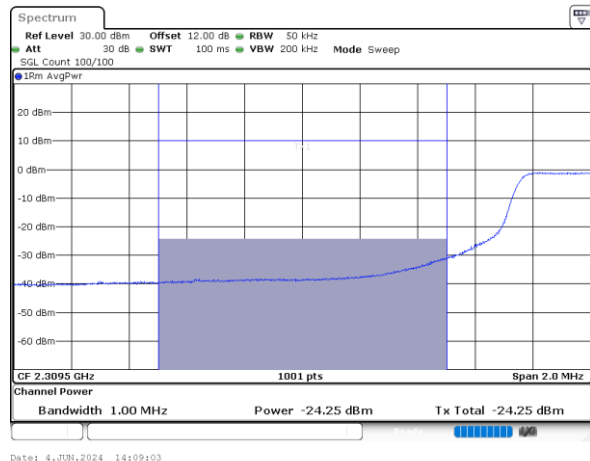
Highest Band Edge / Full RB



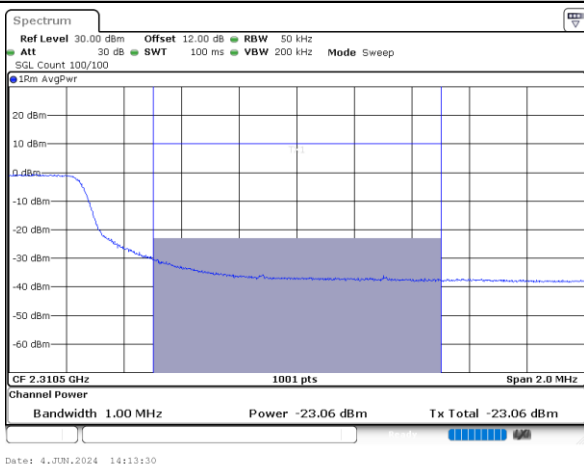
Lowest Band Edge / Full RB / Lower zoom in



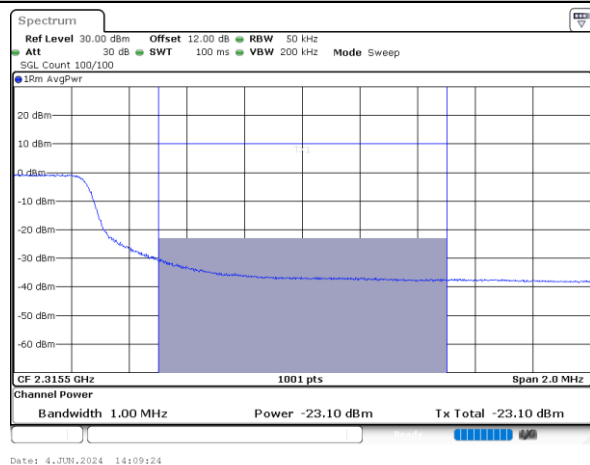
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



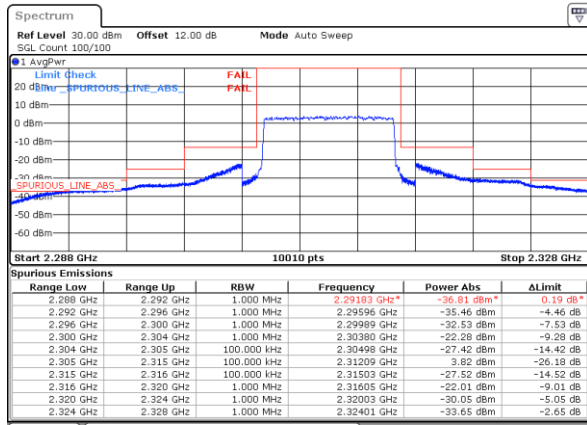
Highest Band Edge / Full RB / Upper zoom in



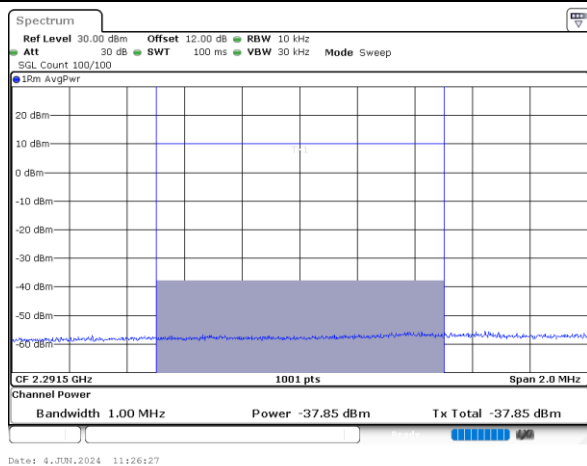


LTE Band 30 / 10MHz / QPSK

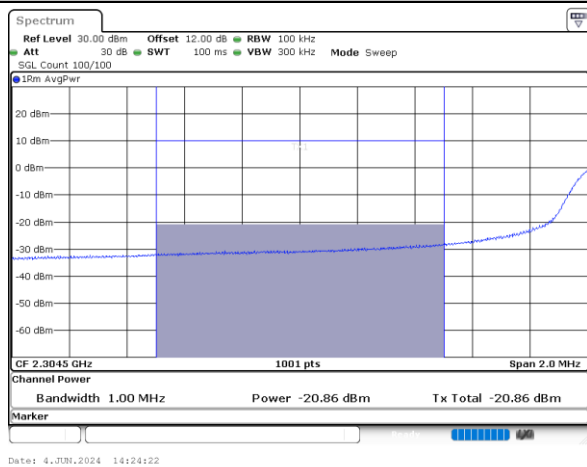
Middle Band Edge / Full RB



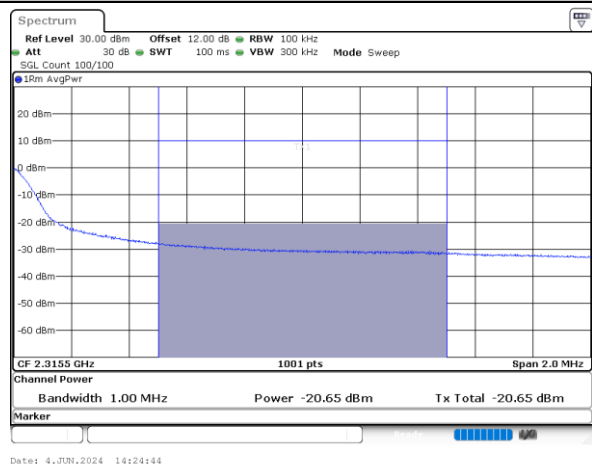
Conducted Power Verify_under0.85



Middle Band Edge / Full RB / Lower zoom in



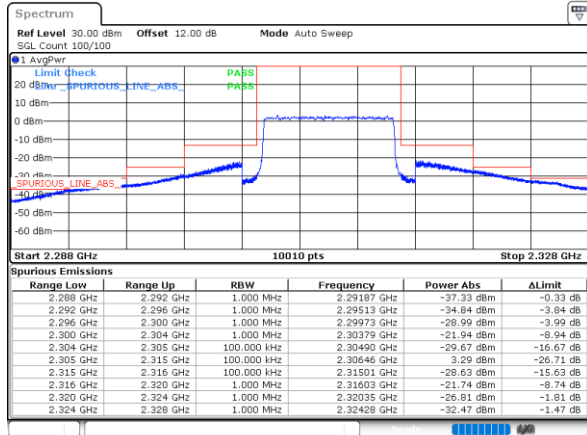
Middle Band Edge / Full RB / Upper zoom in



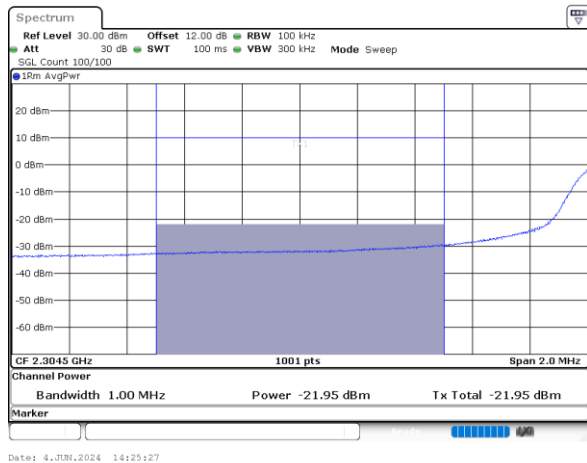


LTE Band 30 / 10MHz / 16QAM

Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



Middle Band Edge / Full RB / Upper zoom in

