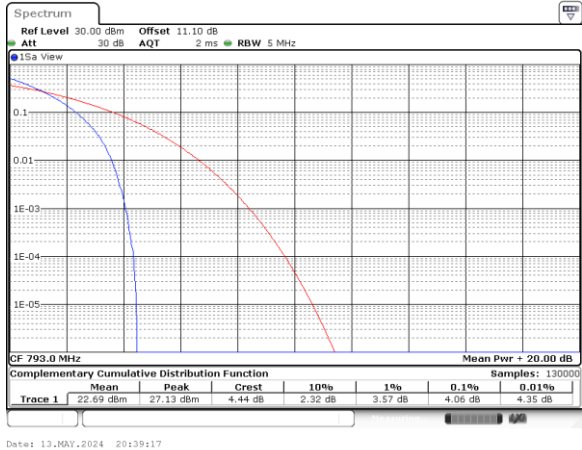




LTE Band 14 / 5MHz / QPSK

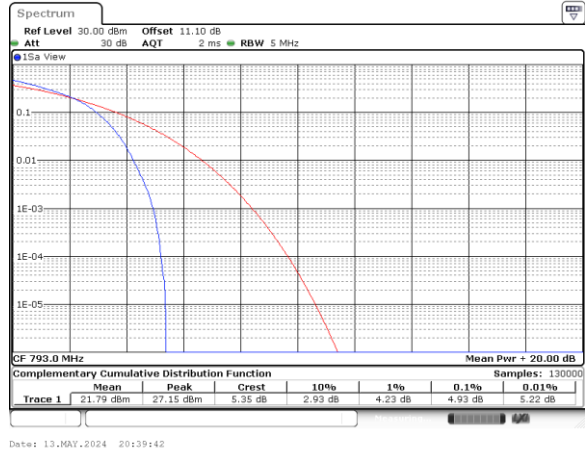
Middle Channel / Full RB



Date: 13.MAY.2024 20:39:17

LTE Band 14 / 5MHz / 16QAM

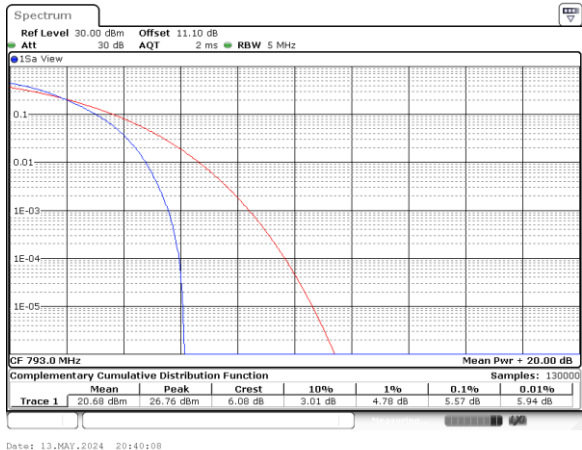
Middle Channel / Full RB



Date: 13.MAY.2024 20:39:42

LTE Band 14 / 5MHz / 64QAM

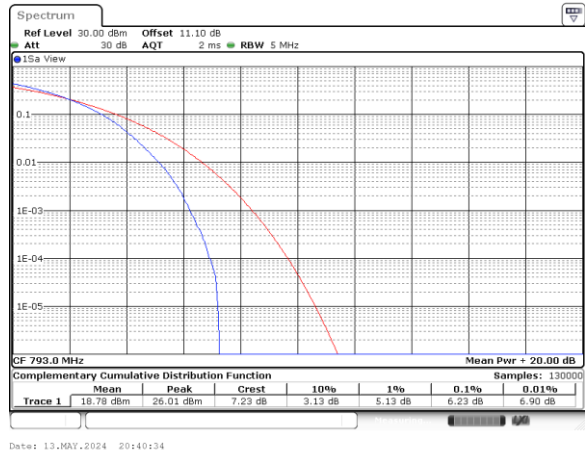
Middle Channel / Full RB



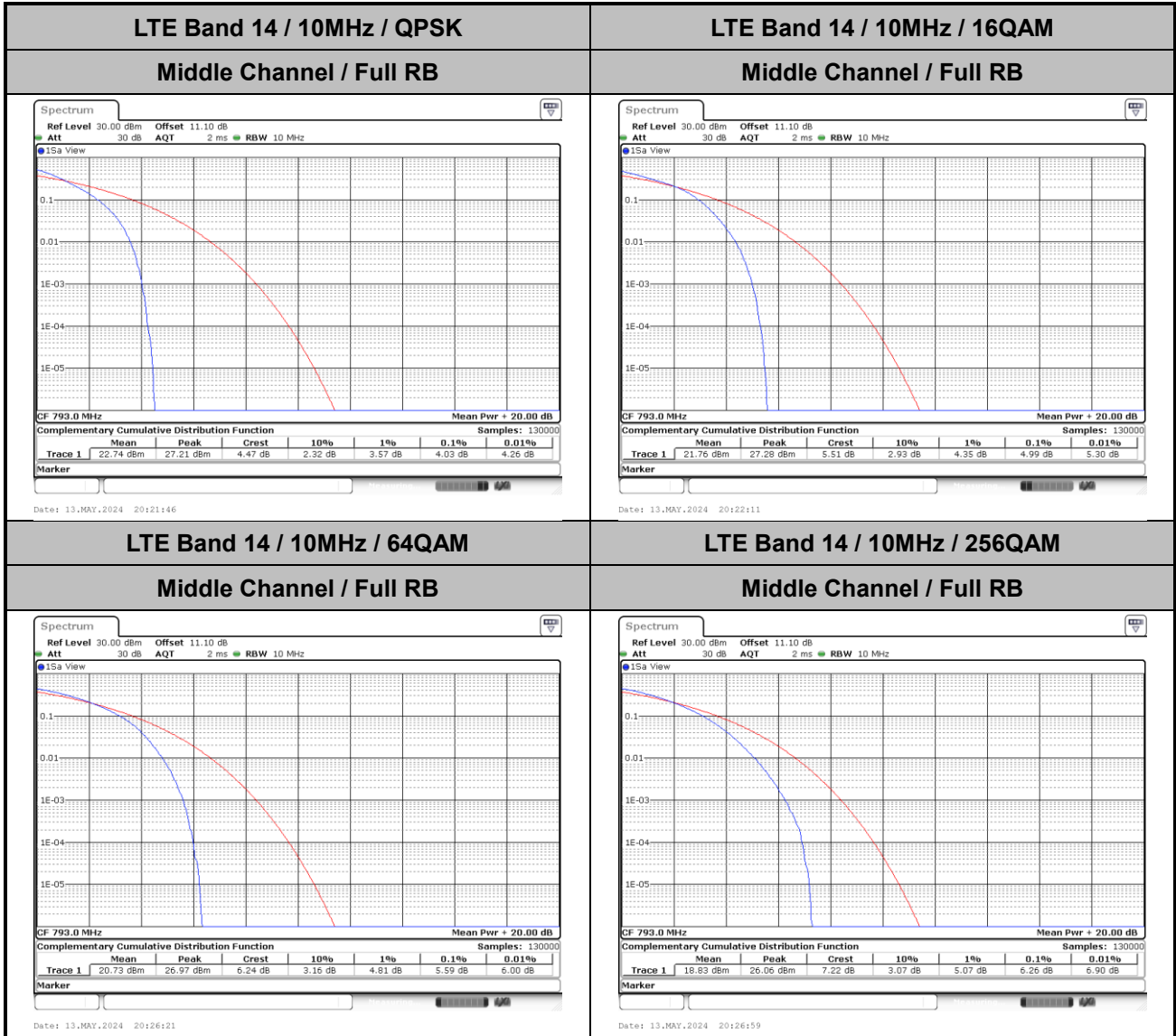
Date: 13.MAY.2024 20:40:08

LTE Band 14 / 5MHz / 256QAM

Middle Channel / Full RB



Date: 13.MAY.2024 20:40:34





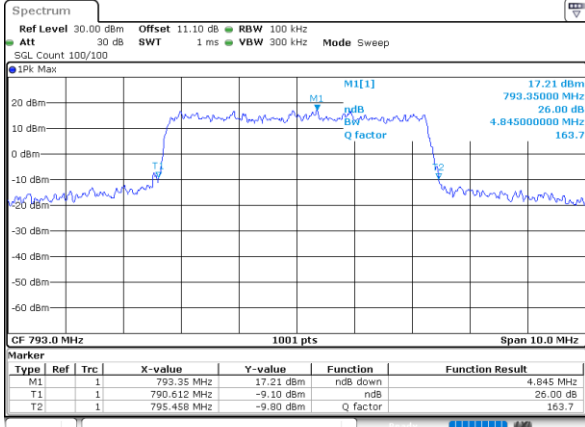
26dB Bandwidth

Mode	LTE Band 14 : 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	4.86	9.73	9.76	-	-	-	-
Mode	LTE Band 14 : 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	-	-	-	-	4.87	4.84	9.75	9.75	-	-	-	-



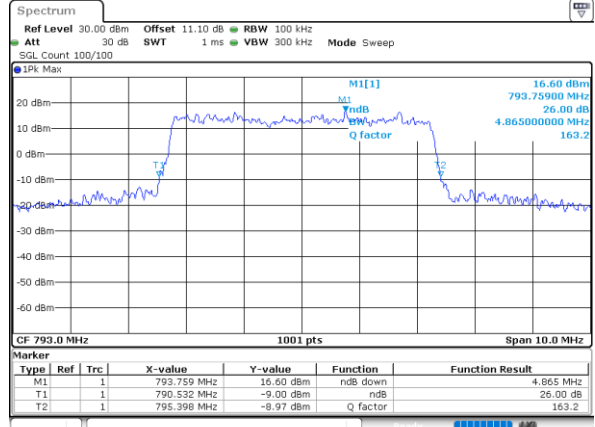
LTE Band 14

Middle Channel / 5MHz / QPSK



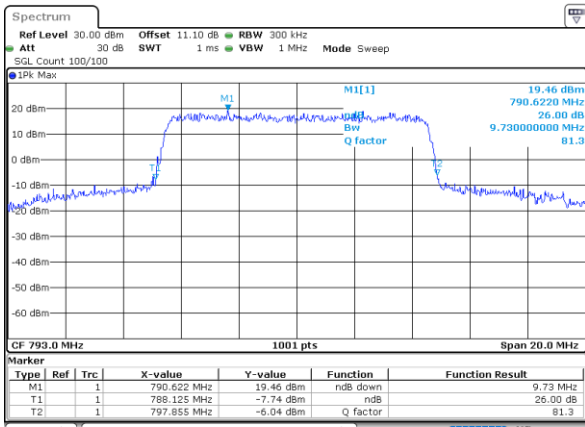
Date: 13.MAY.2024 19:41:59

Middle Channel / 5MHz / 16QAM



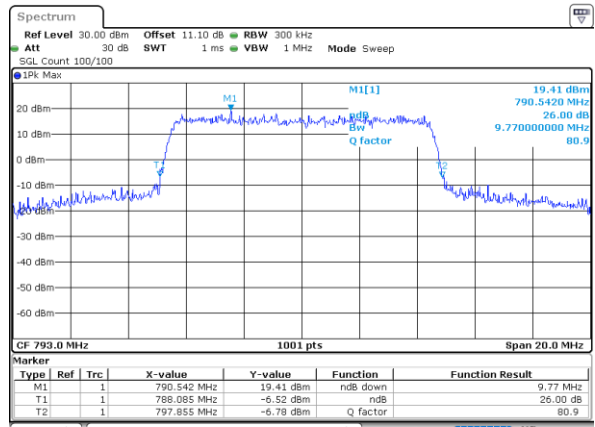
Date: 13.MAY.2024 19:42:24

Middle Channel / 10MHz / QPSK



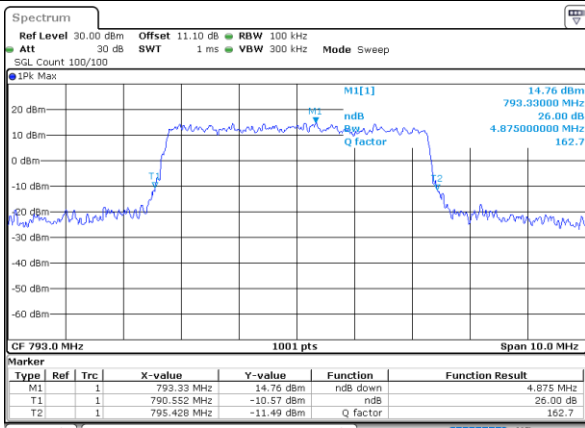
Date: 13.MAY.2024 20:21:02

Middle Channel / 10MHz / 16QAM



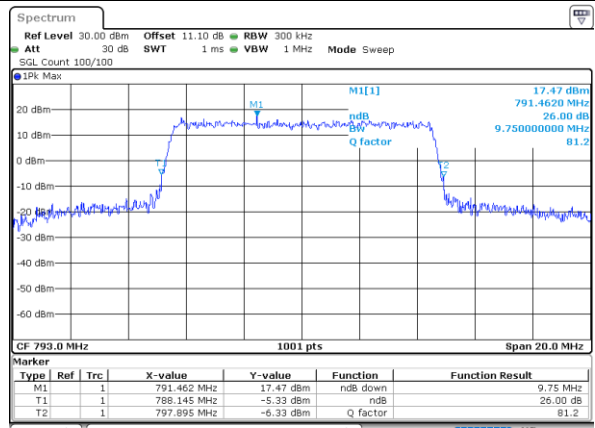
Date: 13.MAY.2024 20:22:17

Middle Channel / 5MHz / 64QAM



Date: 13.MAY.2024 19:43:15

Middle Channel / 10MHz / 64QAM



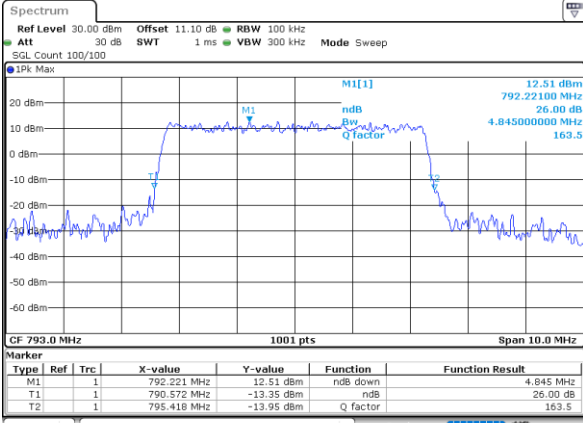
Date: 13.MAY.2024 20:26:34



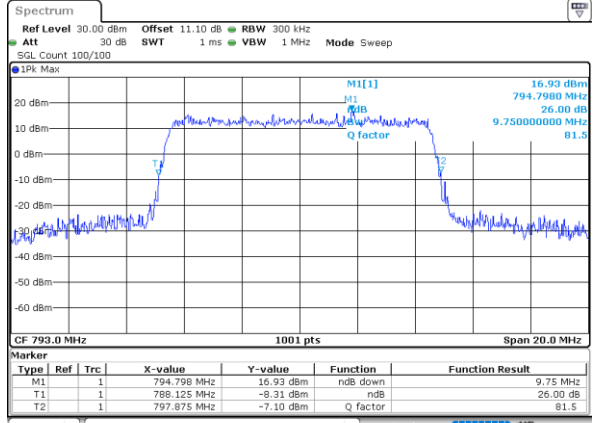
LTE Band 14

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 13.MAY.2024 19:43:39



Date: 13.MAY.2024 20:27:25



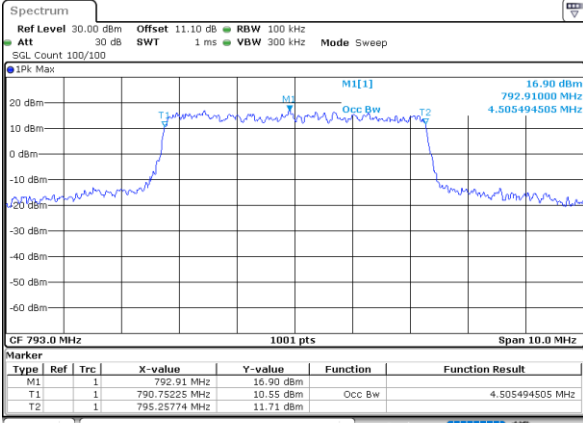
Occupied Bandwidth

Mode	LTE Band 14 : 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	-	-	-	-	4.50	4.50	9.07	9.01	-	-	-	-
Mode	LTE Band 14 : 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	-	-	-	-	4.51	4.49	9.03	9.07	-	-	-	-



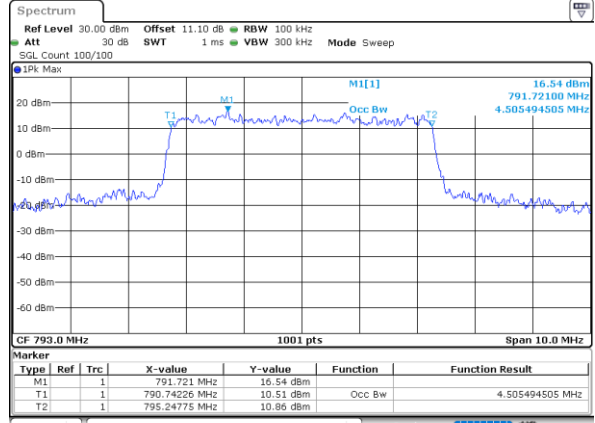
LTE Band 14

Middle Channel / 5MHz / QPSK



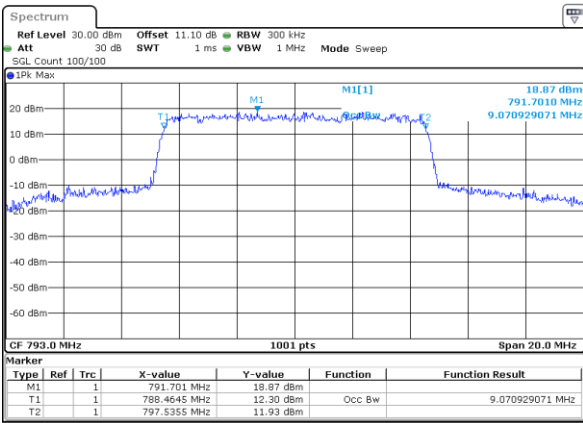
Date: 13.MAY.2024 19:41:47

Middle Channel / 5MHz / 16QAM



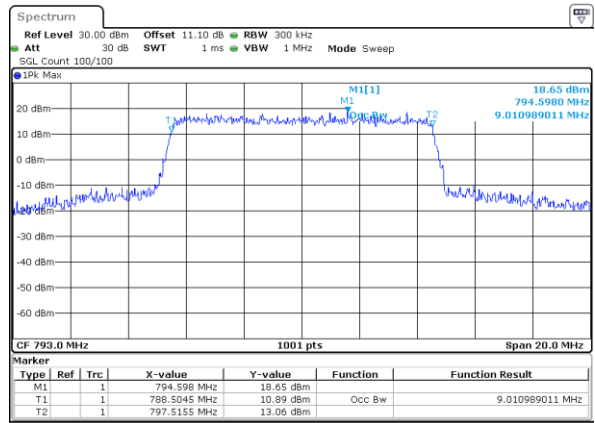
Date: 13.MAY.2024 19:42:37

Middle Channel / 10MHz / QPSK



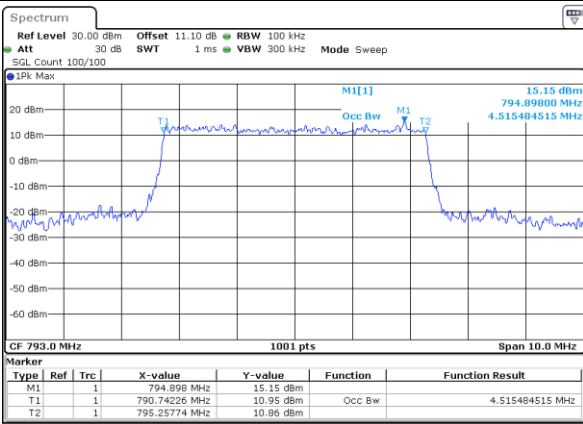
Date: 13.MAY.2024 20:21:19

Middle Channel / 10MHz / 16QAM



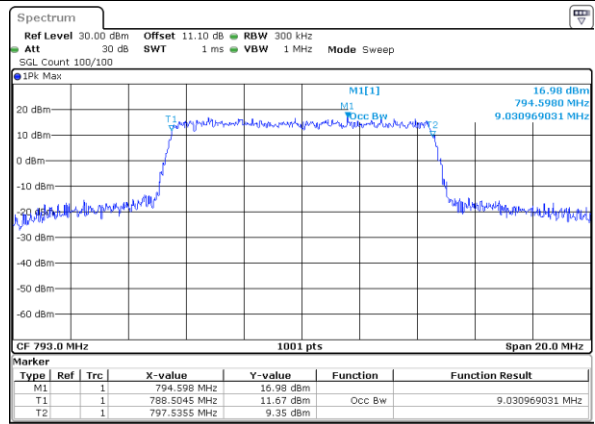
Date: 13.MAY.2024 20:22:24

Middle Channel / 5MHz / 64QAM



Date: 13.MAY.2024 19:43:02

Middle Channel / 10MHz / 64QAM



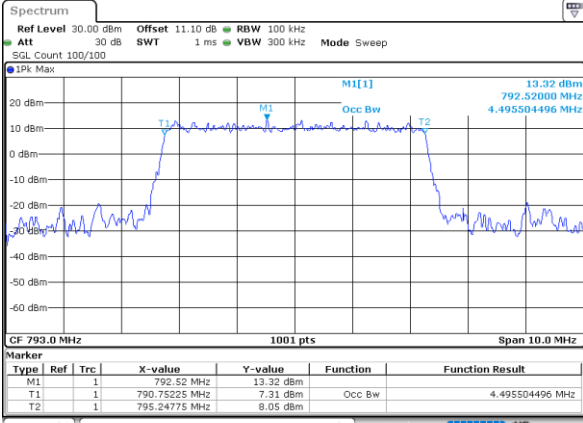
Date: 13.MAY.2024 20:22:07



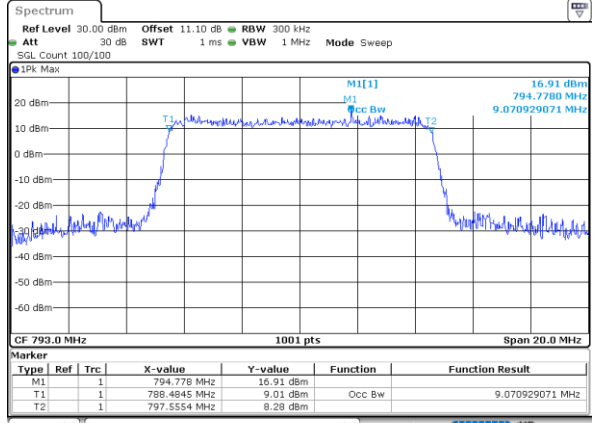
LTE Band 14

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 13.MAY.2024 19:43:52



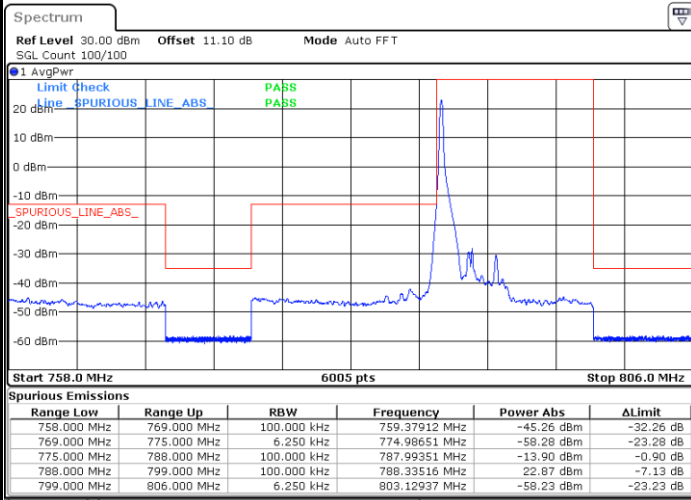
Date: 13.MAY.2024 20:27:12



Conducted Band Edge

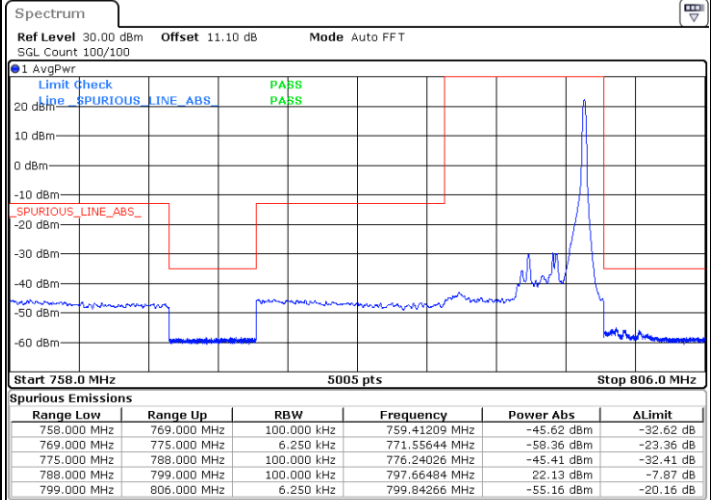
LTE Band 14 / 5MHz / QPSK

Lowest Band Edge / 1 RB



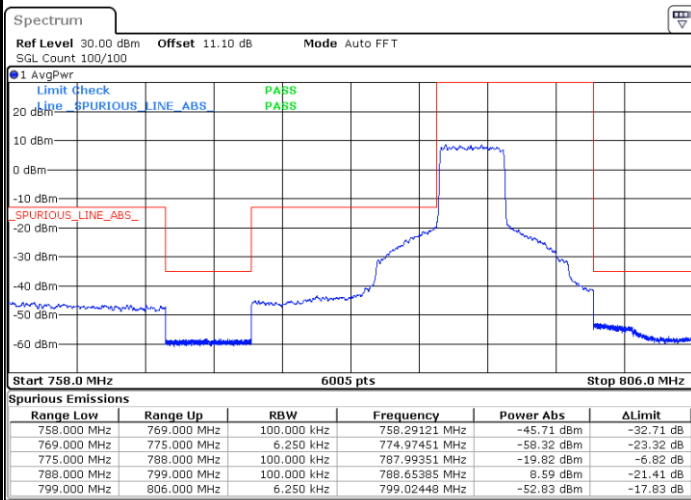
Date: 14.MAY.2024 10:15:44

Highest Band Edge / 1 RB



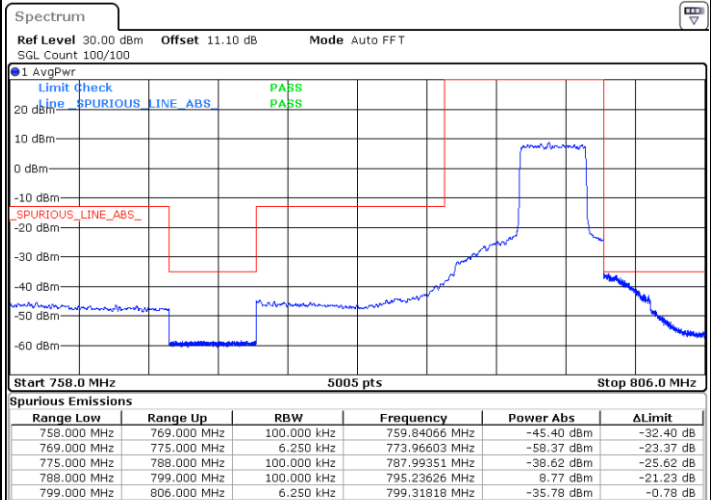
Date: 13.MAY.2024 19:59:29

Lowest Band Edge / Full RB



Date: 13.MAY.2024 19:21:17

Highest Band Edge / Full RB



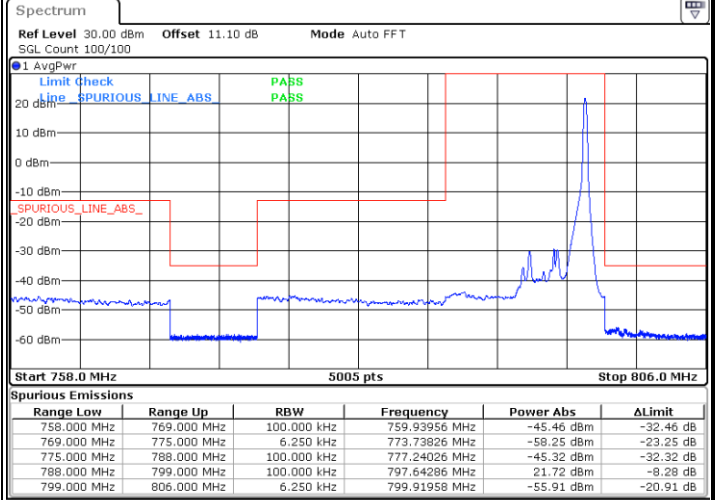
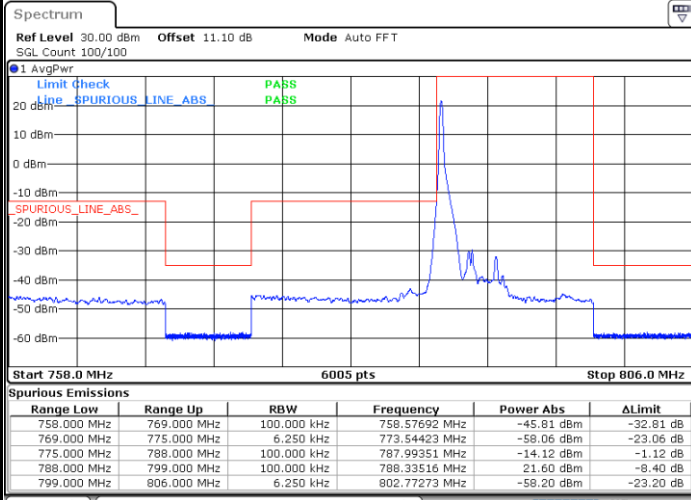
Date: 13.MAY.2024 20:00:23



LTE Band 14 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

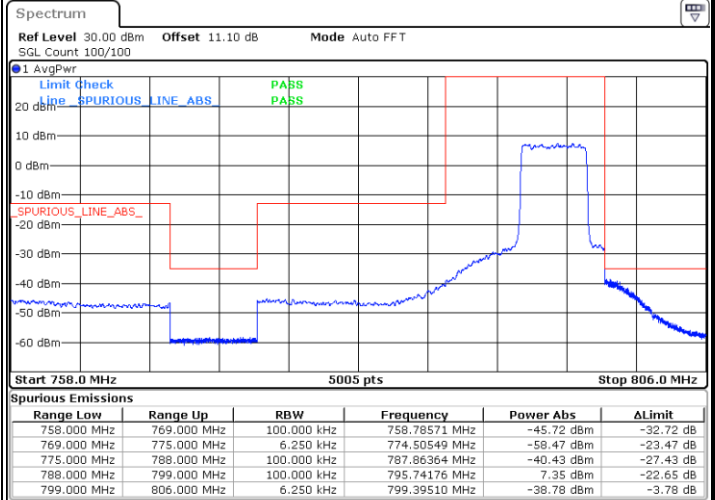
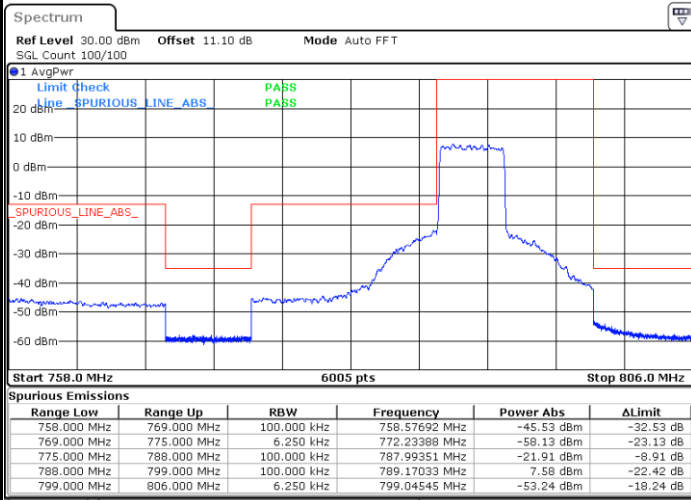


Date: 13.MAY.2024 19:24:06

Date: 13.MAY.2024 20:02:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



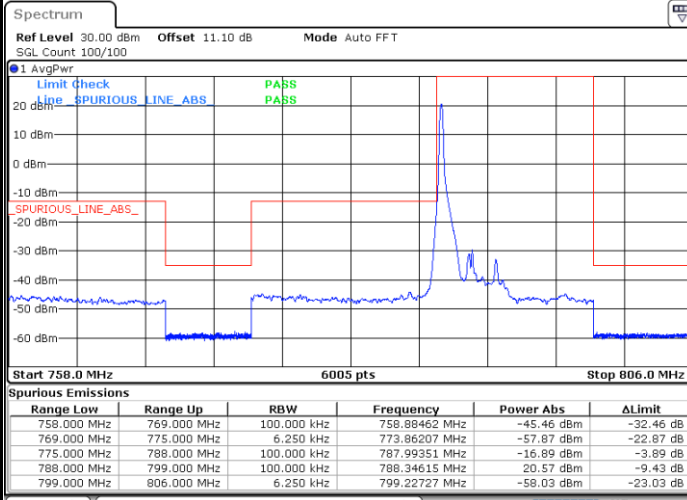
Date: 13.MAY.2024 19:25:00

Date: 13.MAY.2024 20:01:17



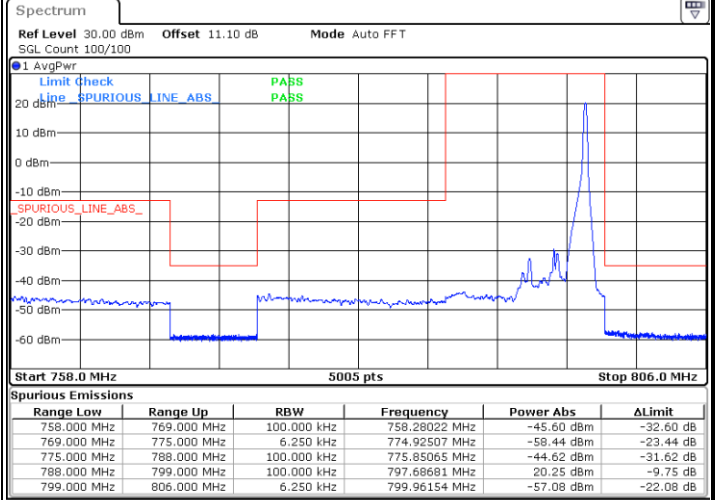
LTE Band 14 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



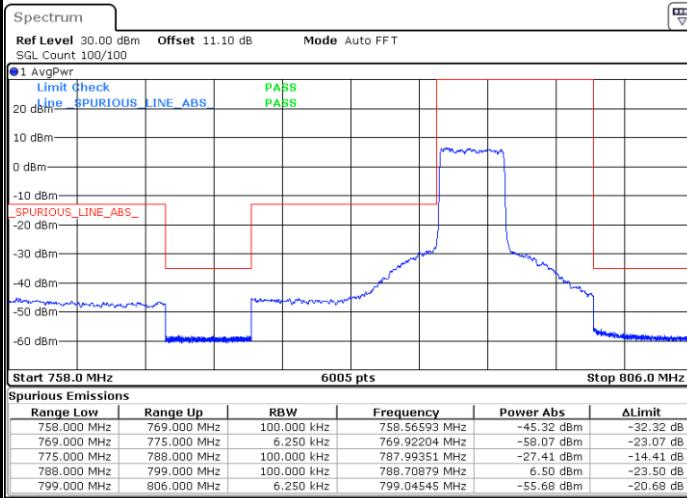
Date: 13.MAY.2024 19:26:48

Highest Band Edge / 1 RB



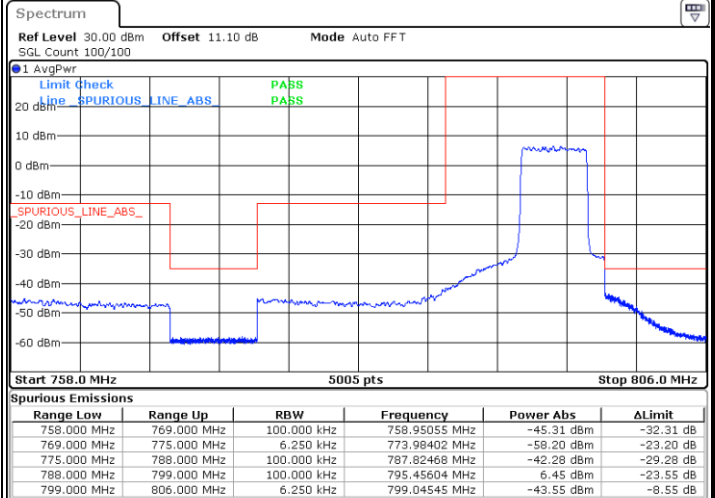
Date: 13.MAY.2024 20:03:06

Lowest Band Edge / Full RB



Date: 13.MAY.2024 19:25:54

Highest Band Edge / Full RB



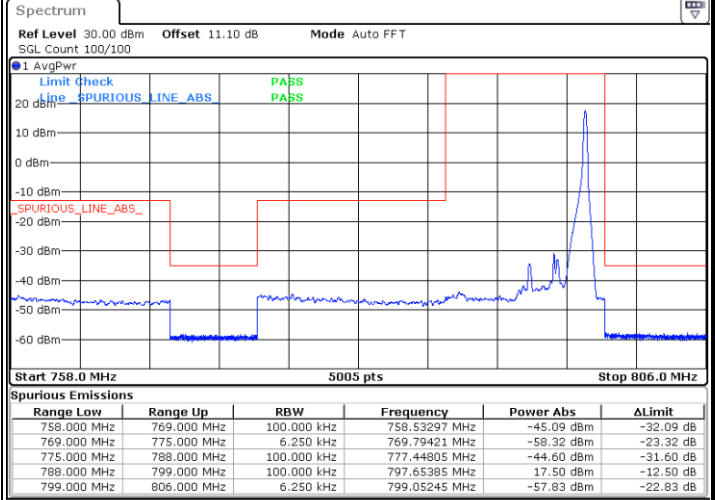
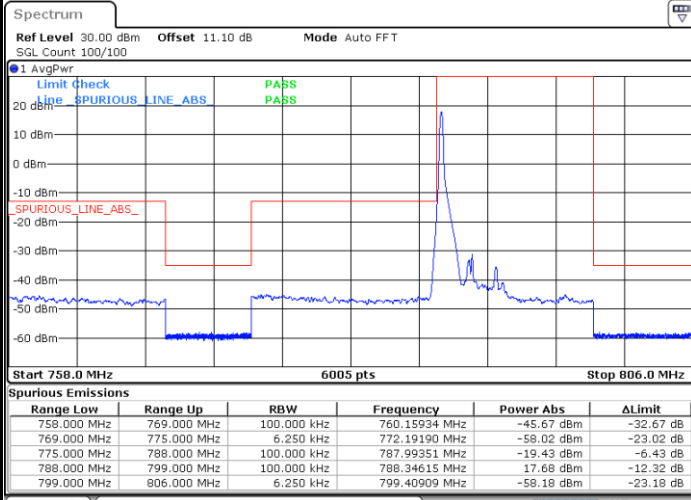
Date: 13.MAY.2024 20:04:00



LTE Band 14 / 5MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

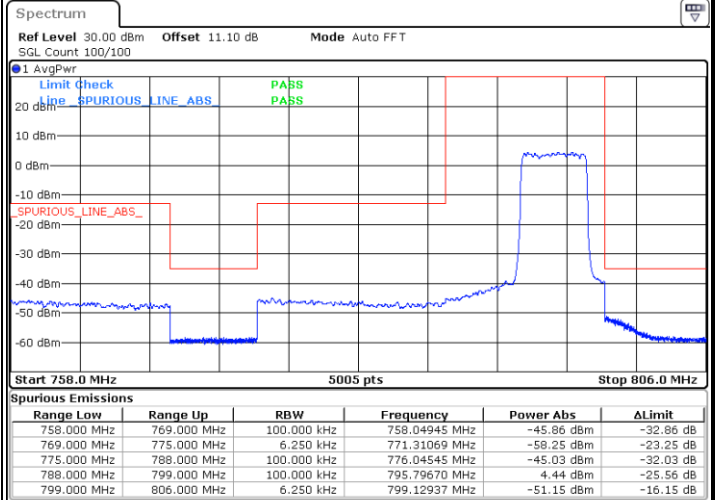
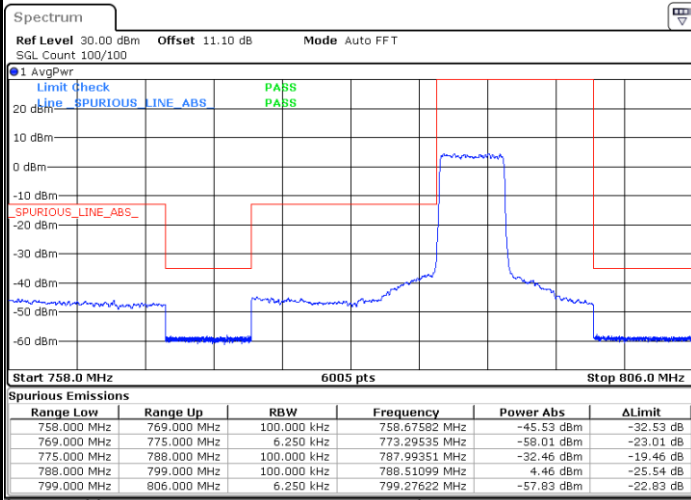


Date: 13.MAY.2024 19:27:42

Date: 13.MAY.2024 20:05:51

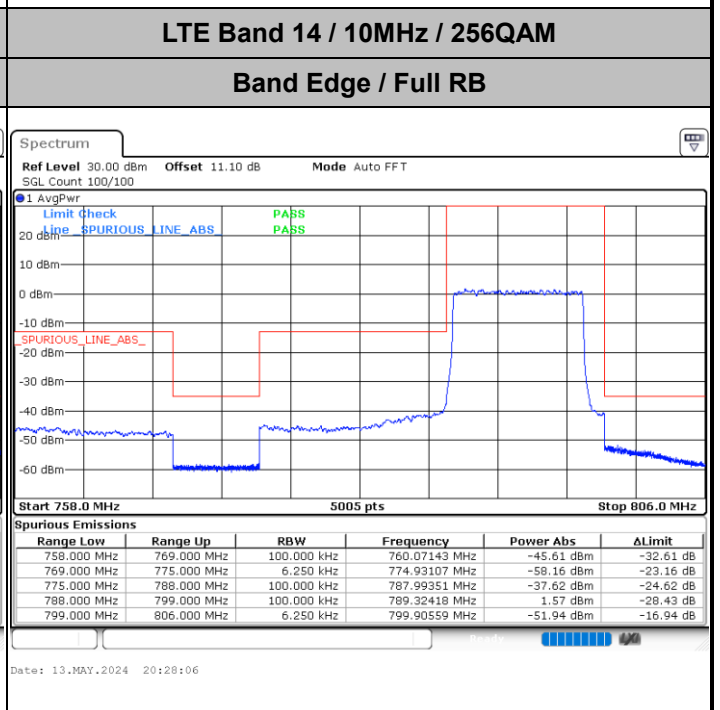
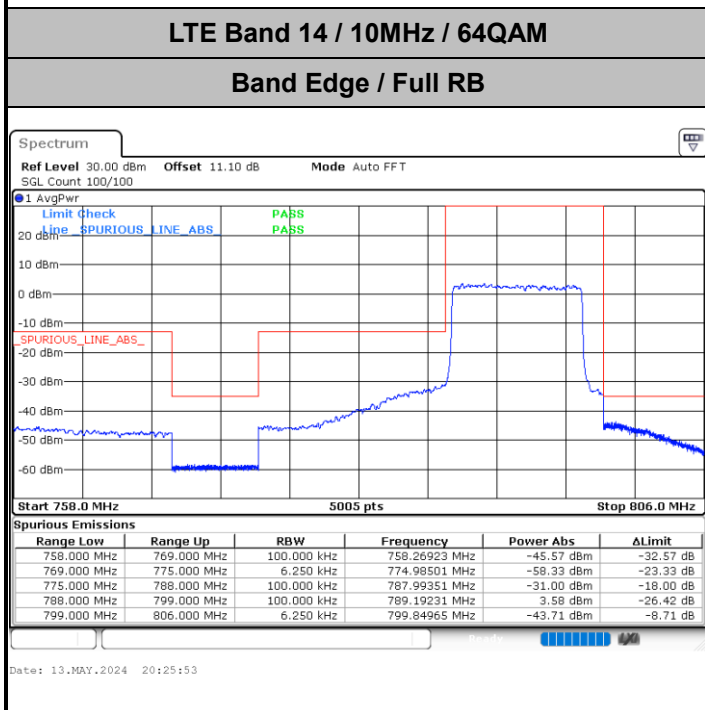
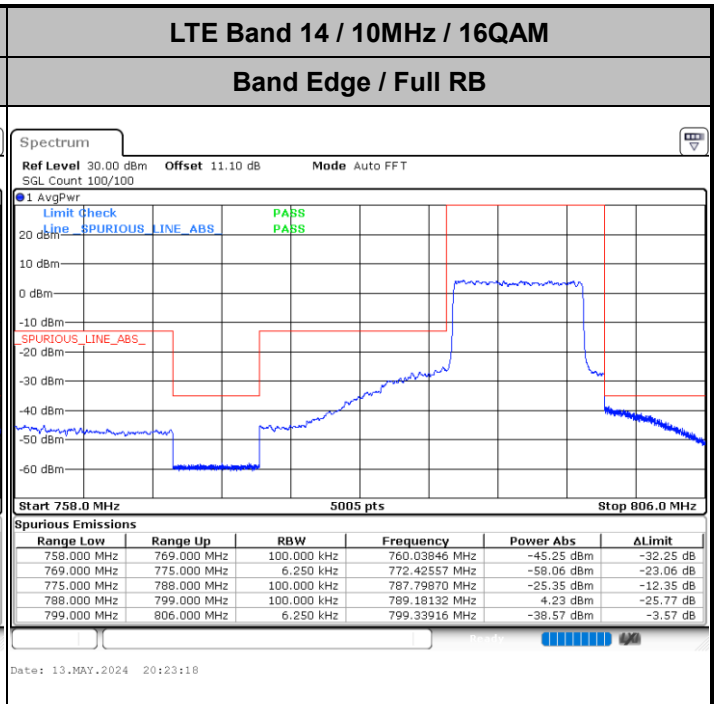
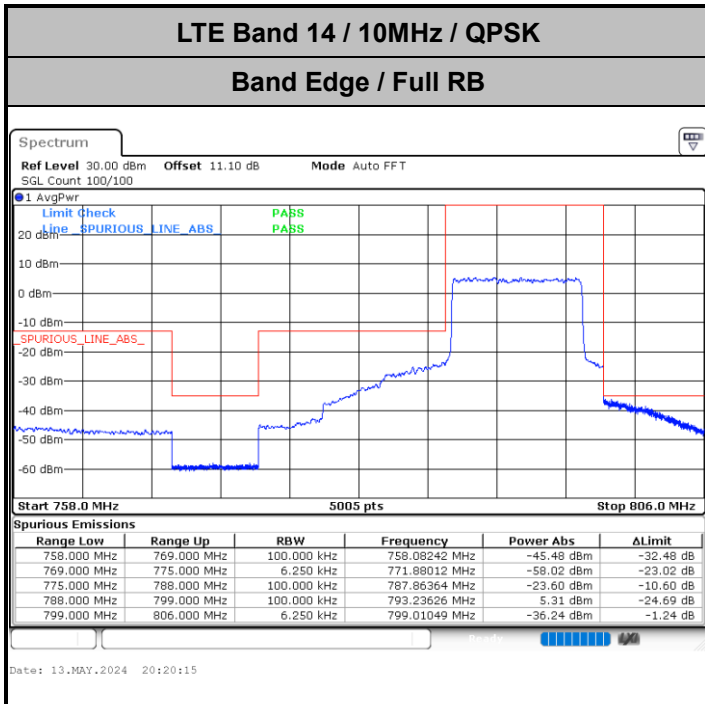
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



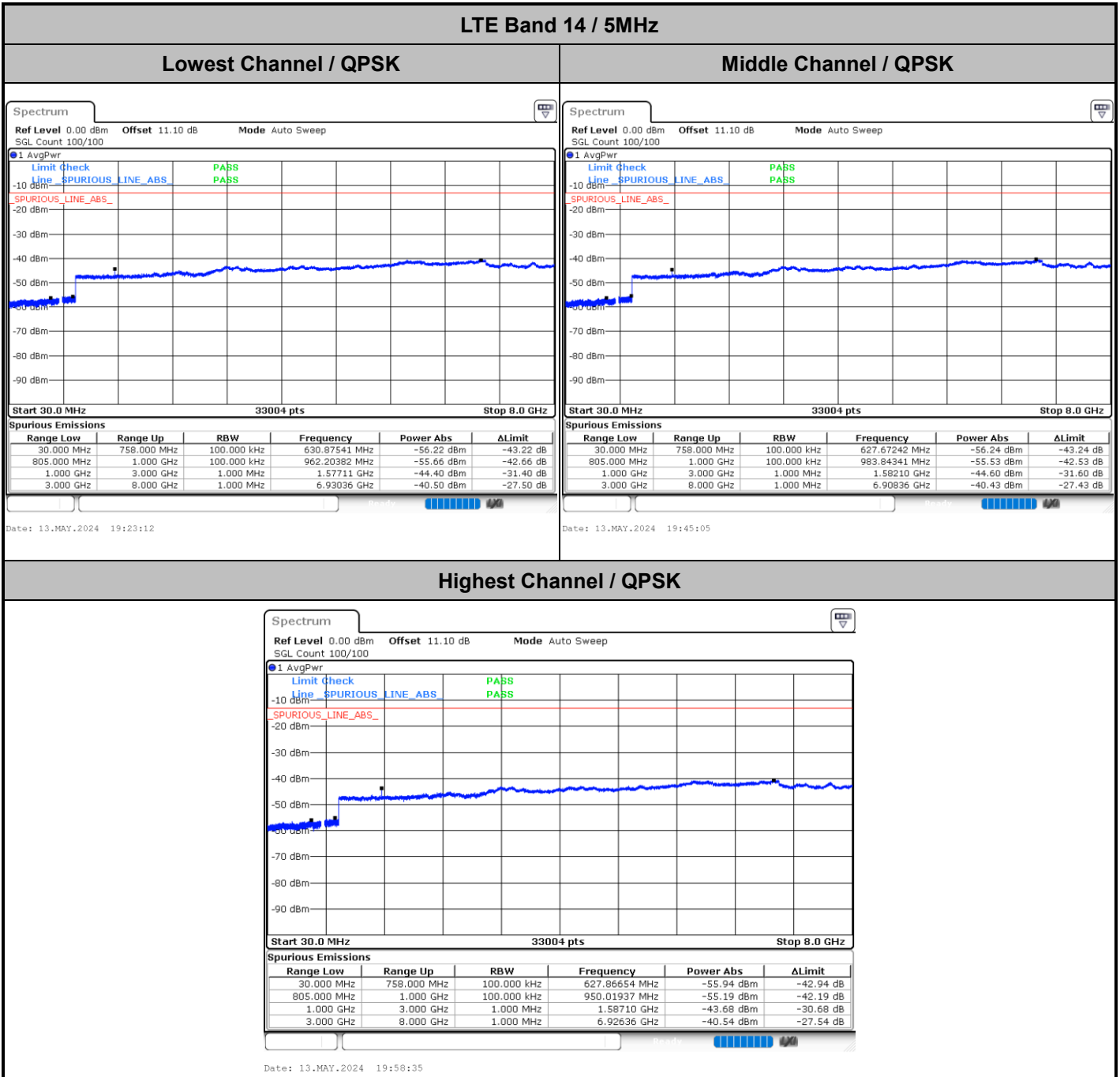
Date: 13.MAY.2024 19:28:39

Date: 13.MAY.2024 20:04:54





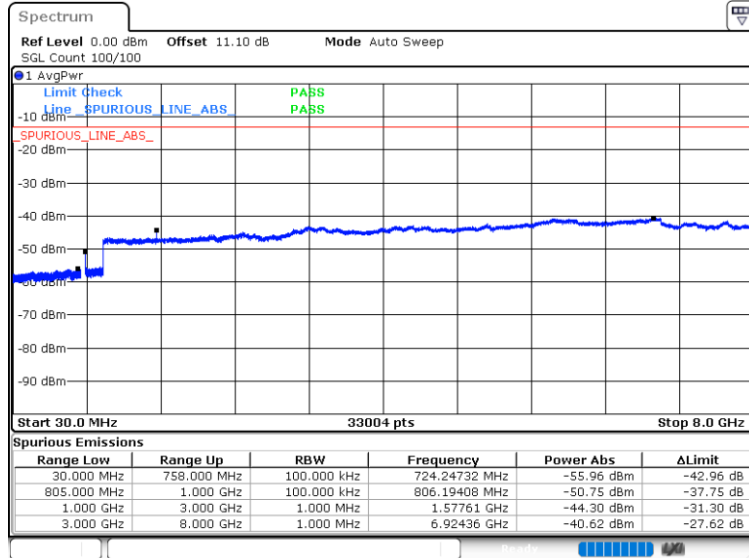
Conducted Spurious Emission





LTE Band 14 / 10MHz

Middle Channel / QPSK



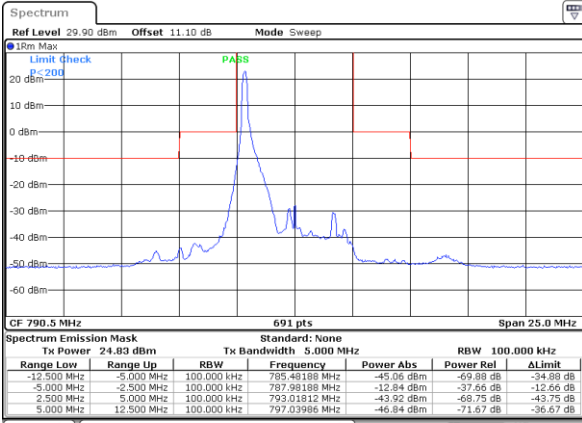
Date: 13.MAY.2024 20:30:10



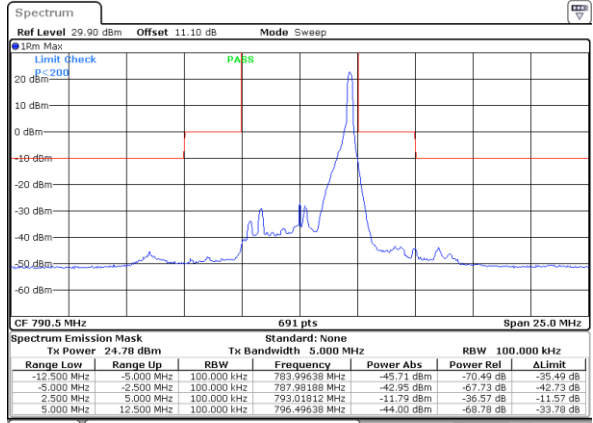
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB

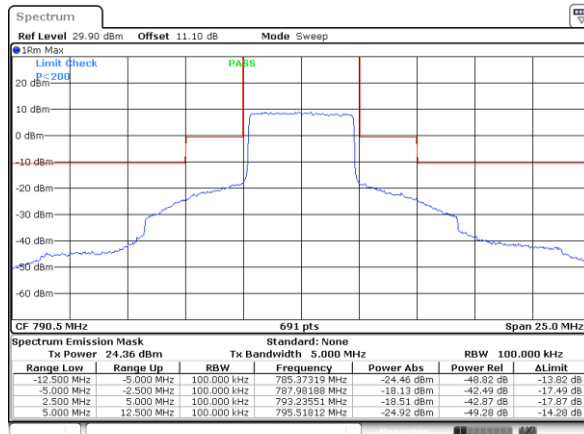


Date: 13.MAY.2024 19:29:46



Date: 13.MAY.2024 19:30:49

Lowest Channel / Full RB

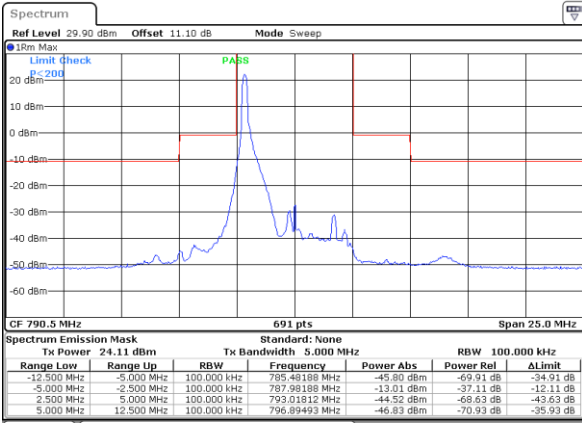


Date: 13.MAY.2024 19:31:52

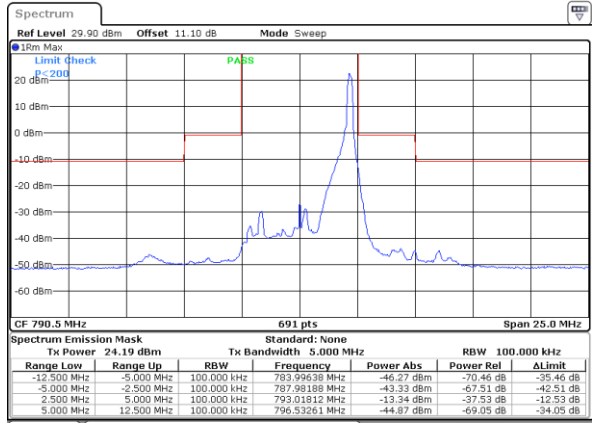


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

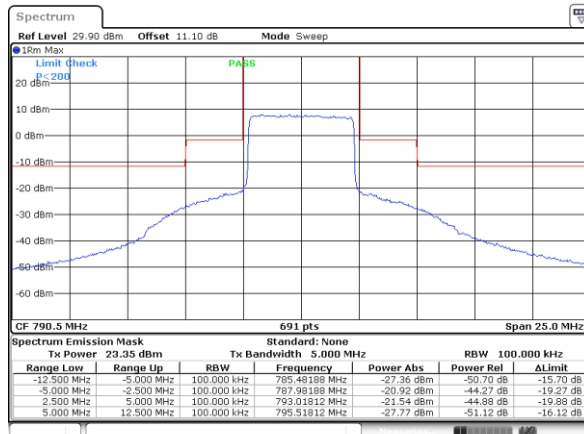


Date: 13.MAY.2024 19:35:01



Date: 13.MAY.2024 19:33:58

Lowest Channel / Full RB

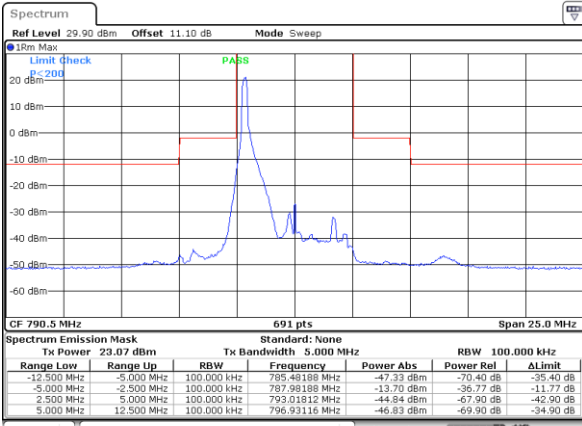


Date: 13.MAY.2024 19:32:55

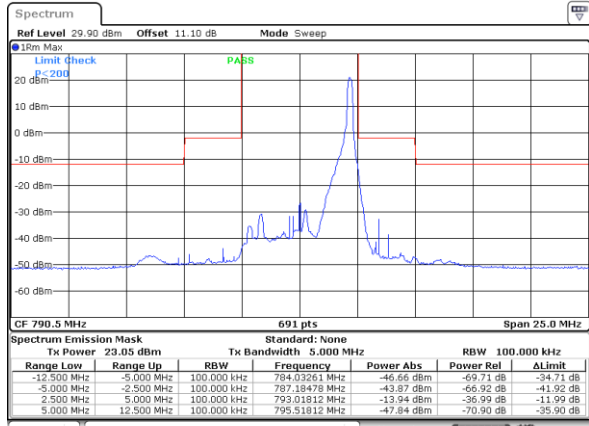


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

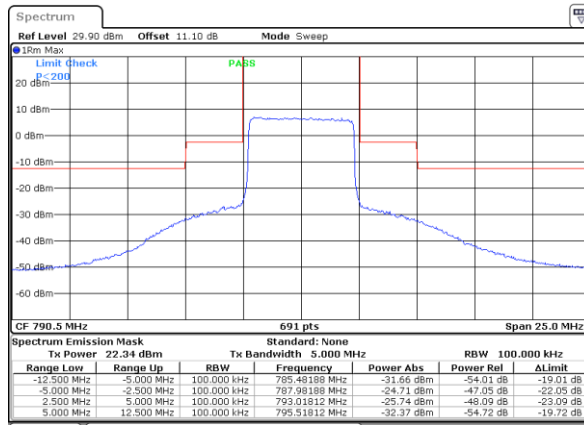


Date: 13.MAY.2024 19:36:04



Date: 13.MAY.2024 19:37:07

Lowest Channel / Full RB

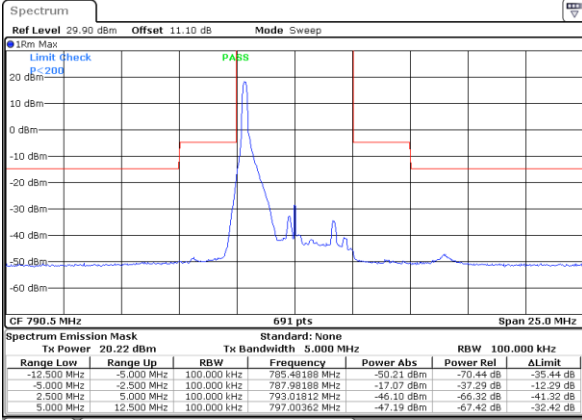


Date: 13.MAY.2024 19:38:09

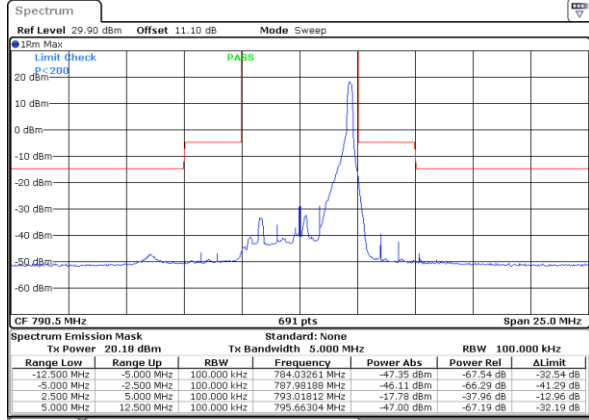


LTE Band 14 / 5MHz / 256QAM

Lowest Channel / 1RB

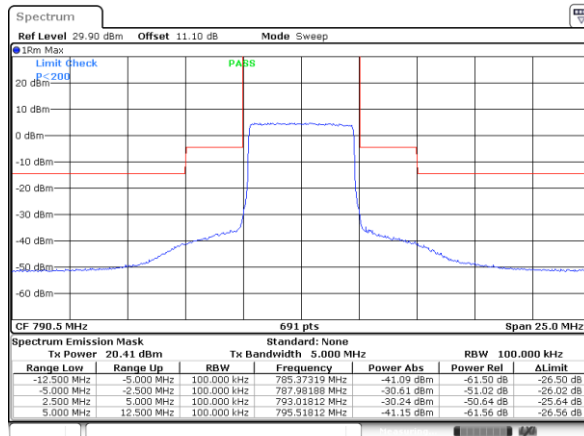


Date: 13.MAY.2024 19:41:21



Date: 13.MAY.2024 19:40:15

Lowest Channel / Full RB

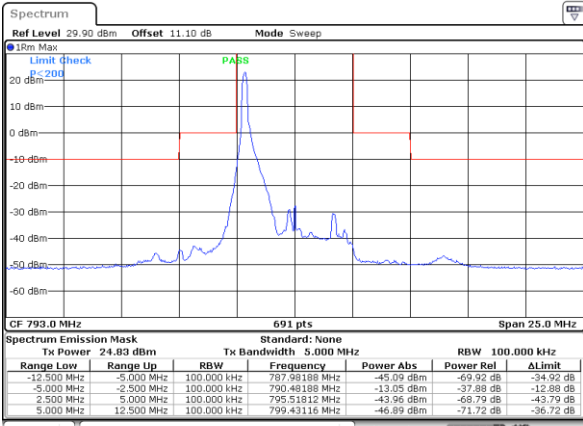


Date: 13.MAY.2024 19:39:12

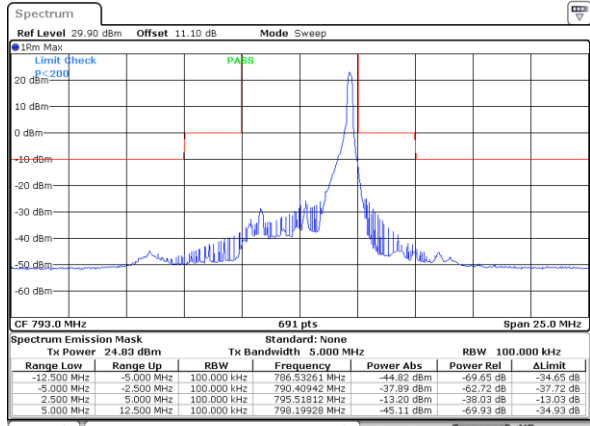


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

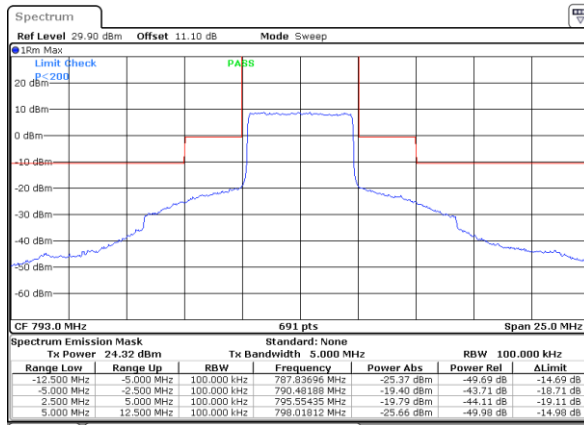


Date: 13.MAY.2024 19:45:56



Date: 13.MAY.2024 19:46:58

Middle Channel / Full RB

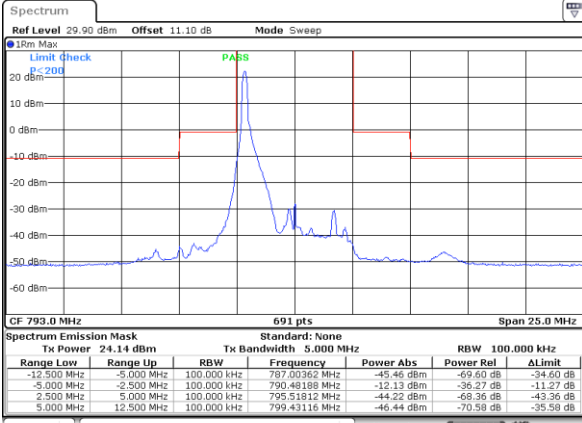


Date: 13.MAY.2024 19:48:01

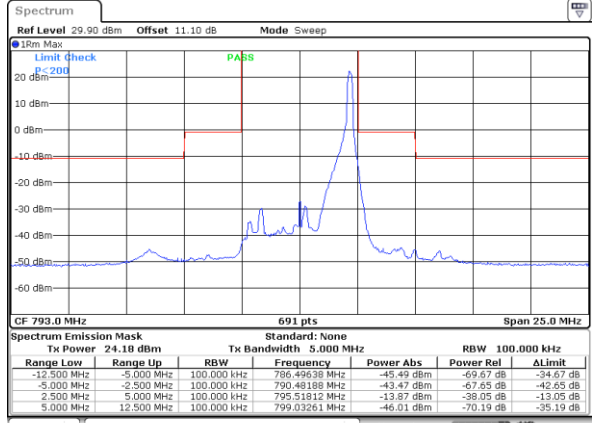


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

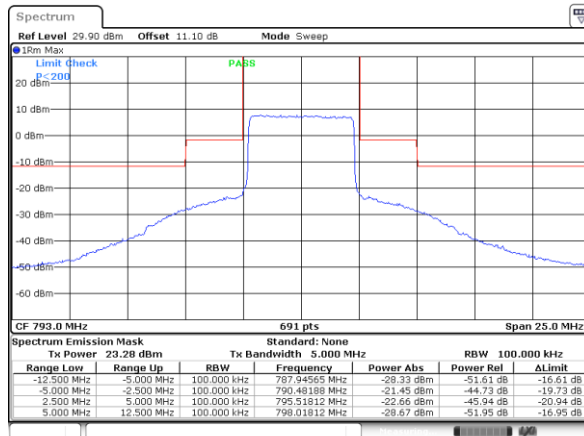


Date: 13.MAY.2024 19:51:08



Date: 13.MAY.2024 19:50:05

Middle Channel / Full RB

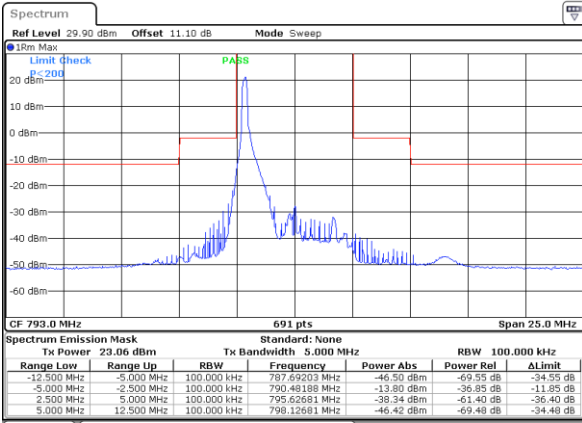


Date: 13.MAY.2024 19:49:03

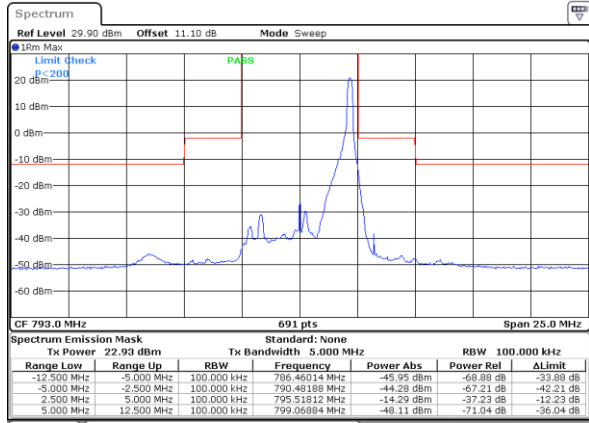


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

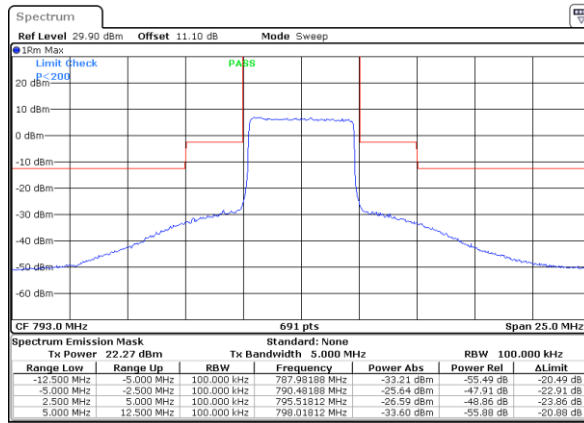


Date: 13.MAY.2024 19:52:10



Date: 13.MAY.2024 19:53:13

Middle Channel / Full RB

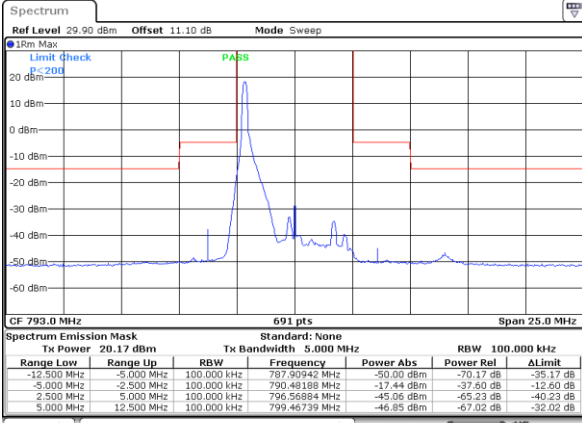


Date: 13.MAY.2024 19:54:15

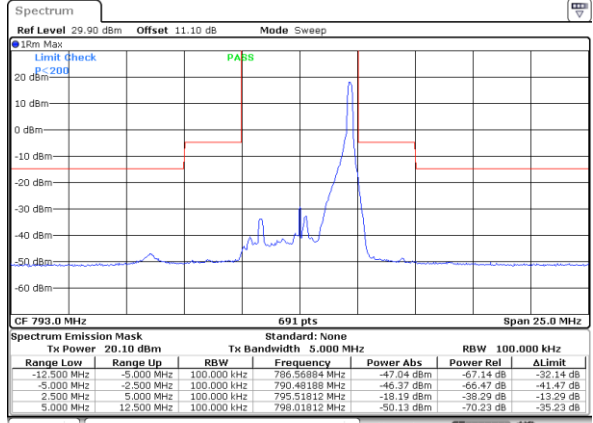


LTE Band 14 / 5MHz / 256QAM

Middle Channel / 1RB

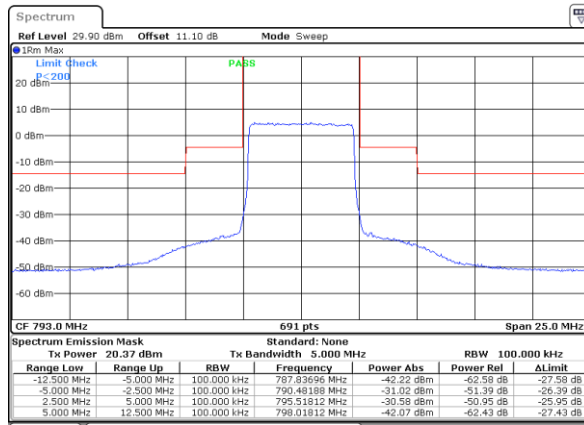


Date: 13.MAY.2024 19:57:22



Date: 13.MAY.2024 19:56:120

Middle Channel / Full RB

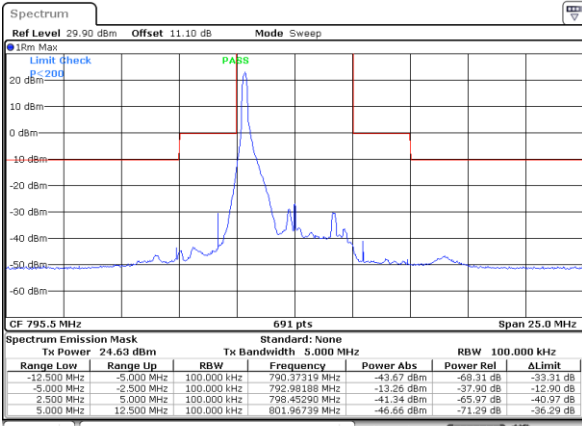


Date: 13.MAY.2024 19:55:18

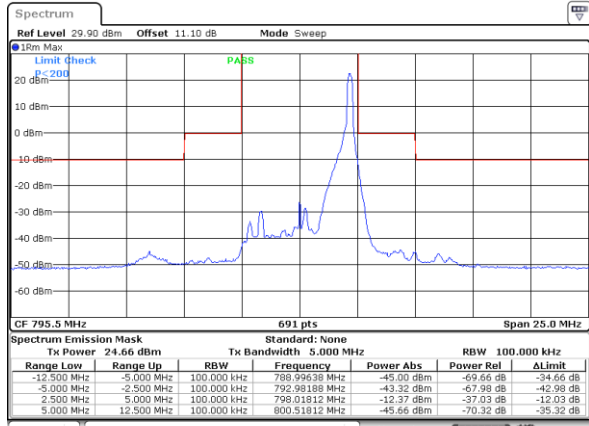


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

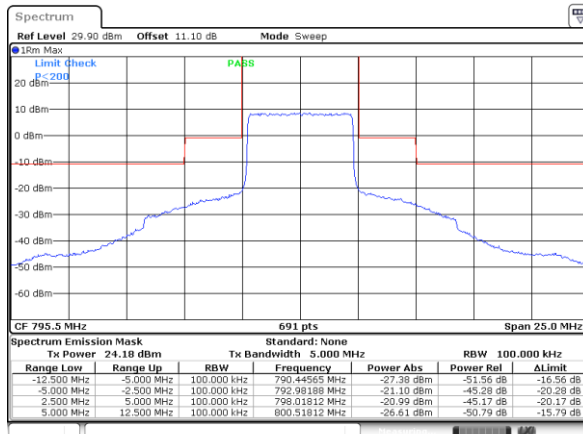


Date: 13.MAY.2024 20:06:50



Date: 13.MAY.2024 20:08:01

Highest Channel / Full RB

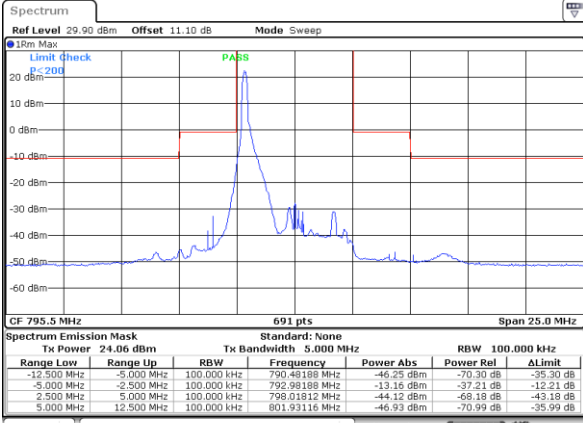


Date: 13.MAY.2024 20:09:04

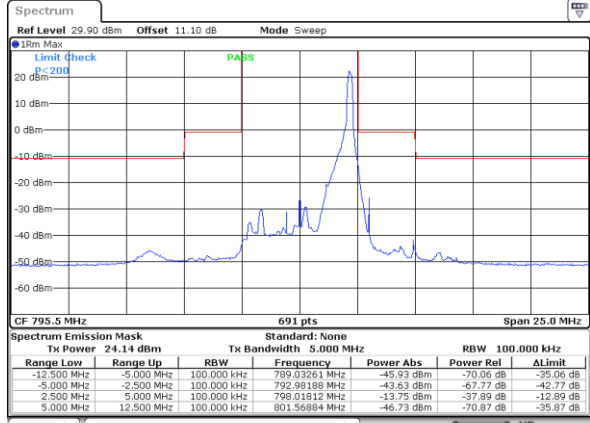


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

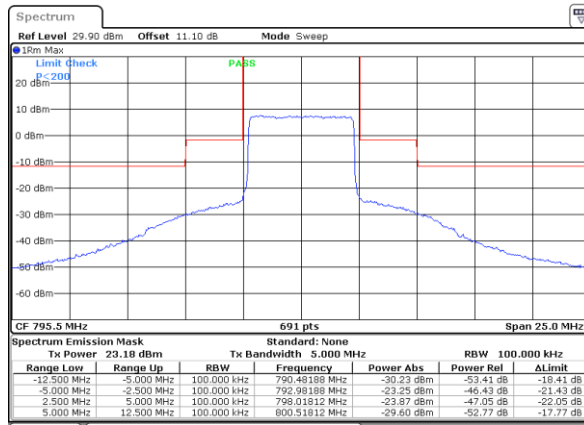


Date: 13.MAY.2024 20:12:14



Date: 13.MAY.2024 20:11:10

Highest Channel / Full RB

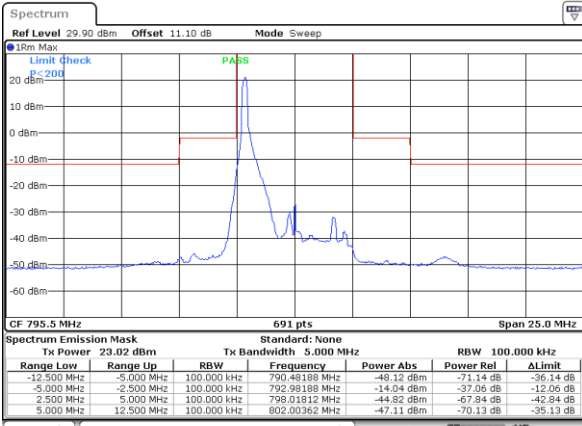


Date: 13.MAY.2024 20:10:07

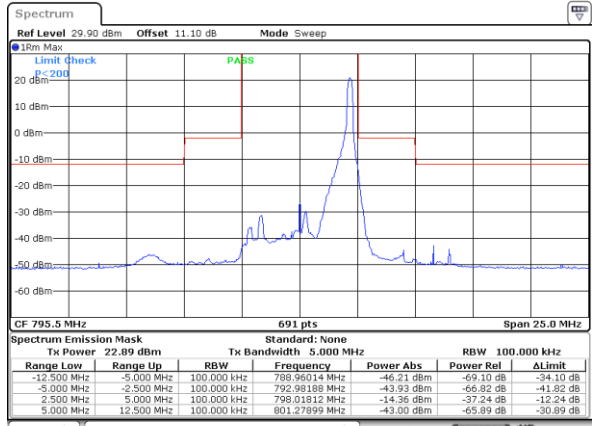


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

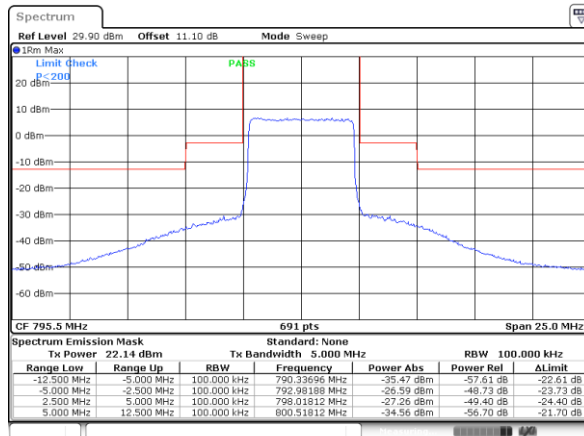


Date: 13.MAY.2024 20:13:16



Date: 13.MAY.2024 20:14:19

Highest Channel / Full RB

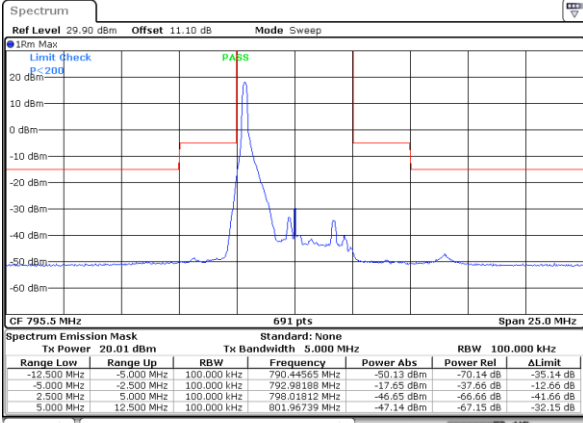


Date: 13.MAY.2024 20:15:22

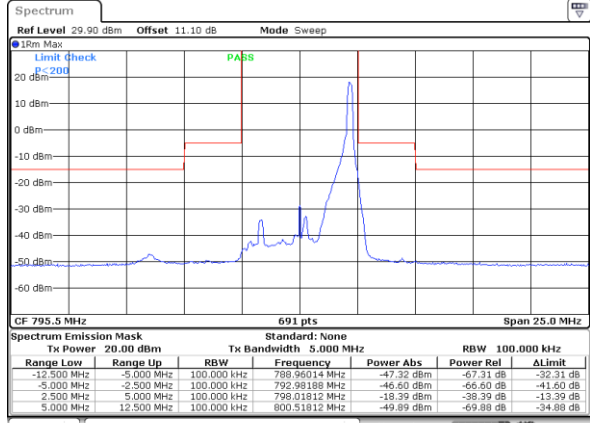


LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB

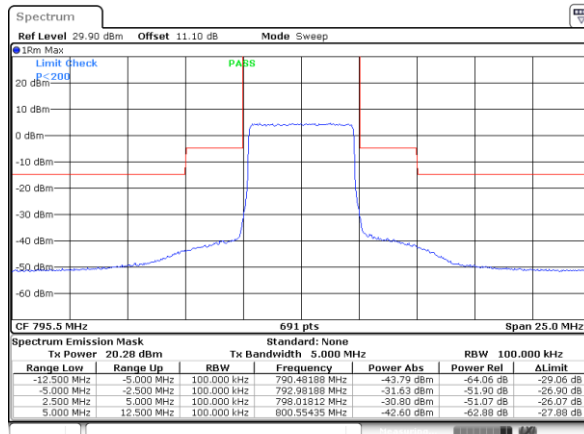


Date: 13.MAY.2024 20:18:30

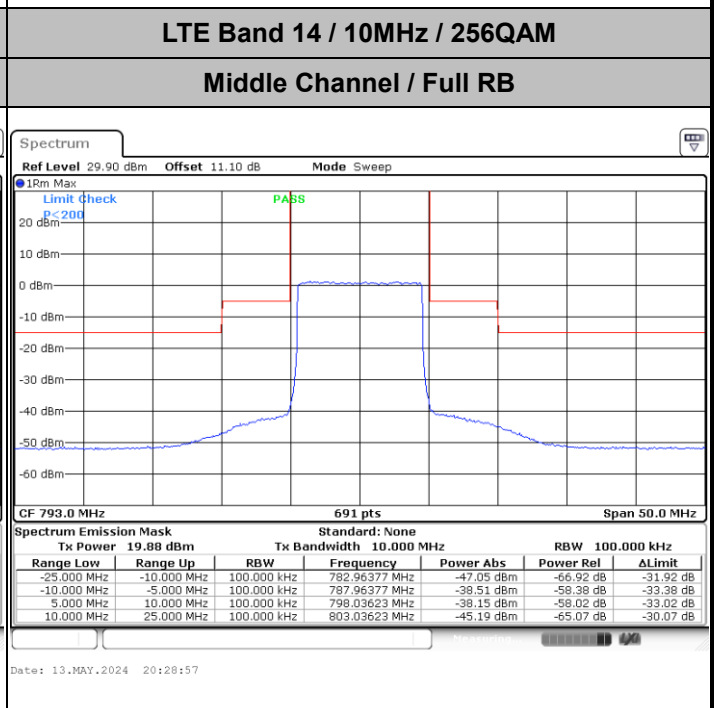
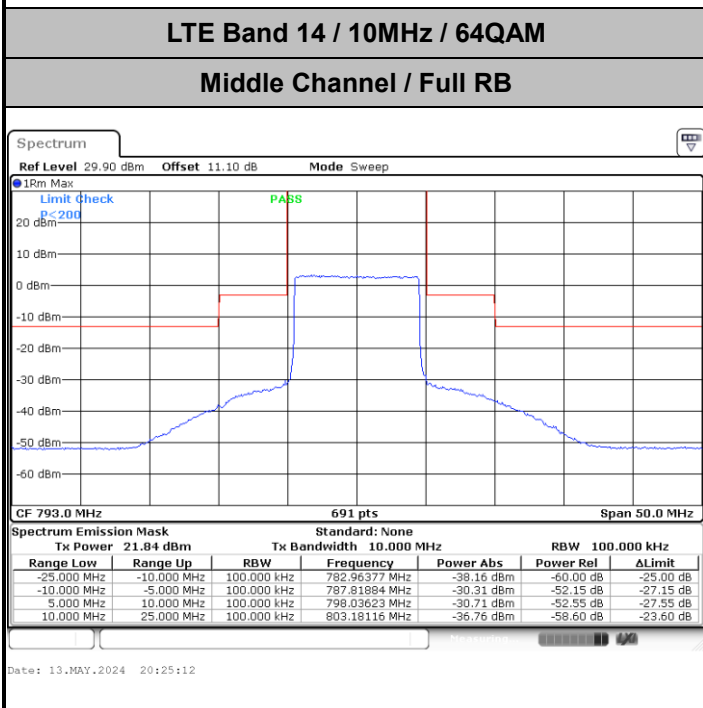
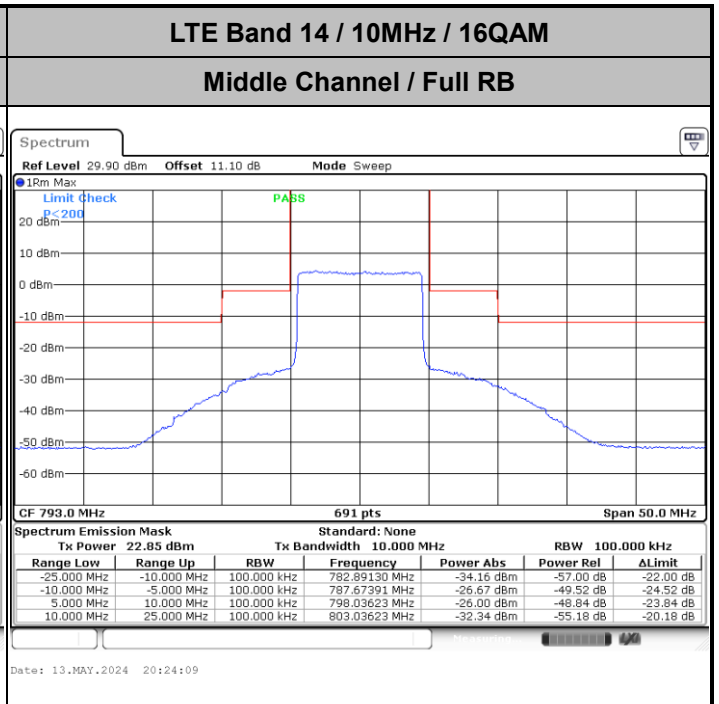
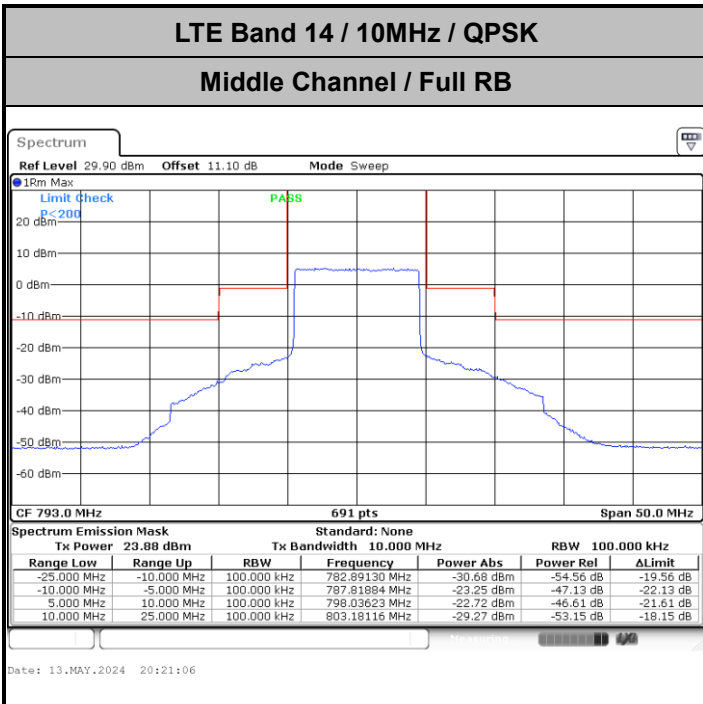


Date: 13.MAY.2024 20:17:31

Highest Channel / Full RB



Date: 13.MAY.2024 20:16:25





Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0045	PASS
40	Normal Voltage	0.0125	
30	Normal Voltage	0.0082	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0059	
0	Normal Voltage	0.0087	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0117	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0073	

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.



LTE Band 17

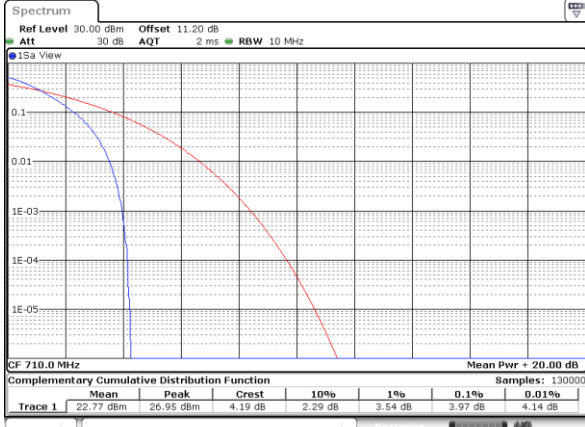
Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	3.97	4.96	5.51	6.14	PASS



LTE Band 17 / 10MHz / QPSK

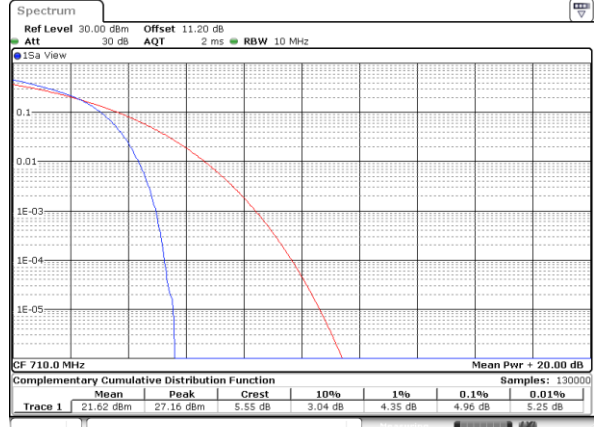
Middle Channel / Full RB



Date: 13.MAY.2024 19:18:22

LTE Band 17 / 10MHz / 16QAM

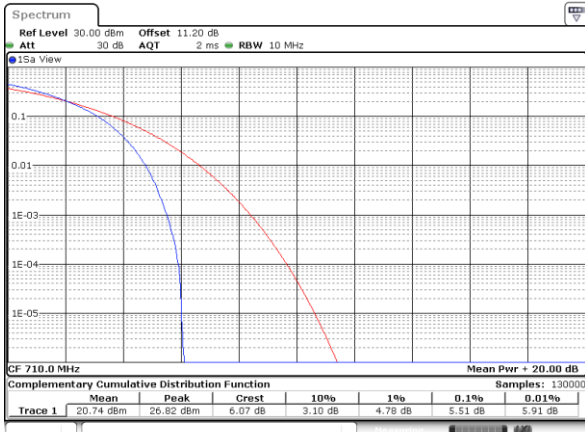
Middle Channel / Full RB



Date: 13.MAY.2024 19:18:48

LTE Band 17 / 10MHz / 64QAM

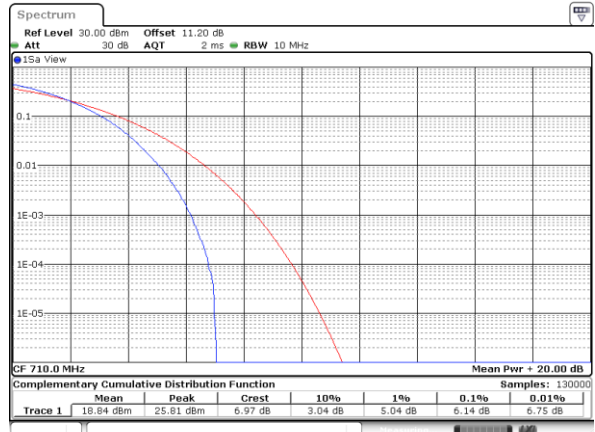
Middle Channel / Full RB



Date: 13.MAY.2024 19:19:13

LTE Band 17 / 10MHz / 256QAM

Middle Channel / Full RB



Date: 13.MAY.2024 19:19:39



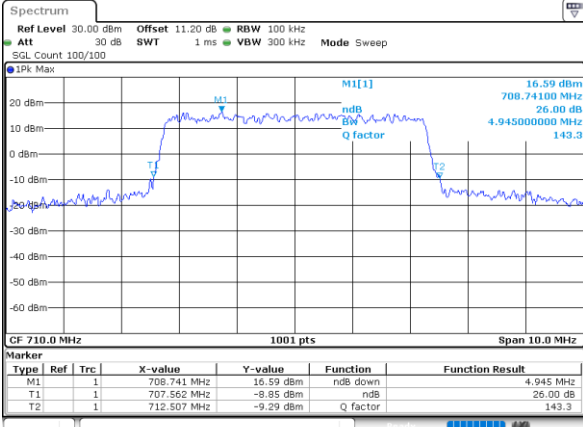
26dB Bandwidth

Mode	LTE Band 17 : 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	-	-	-	-	4.94	4.86	9.84	9.66	-	-	-	-
Mode	LTE Band 17 : 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	-	-	-	-	4.84	4.87	9.76	9.73	-	-	-	-



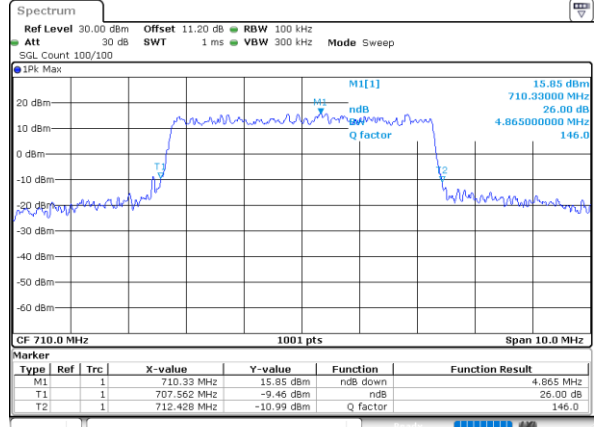
LTE Band 17

Middle Channel / 5MHz / QPSK



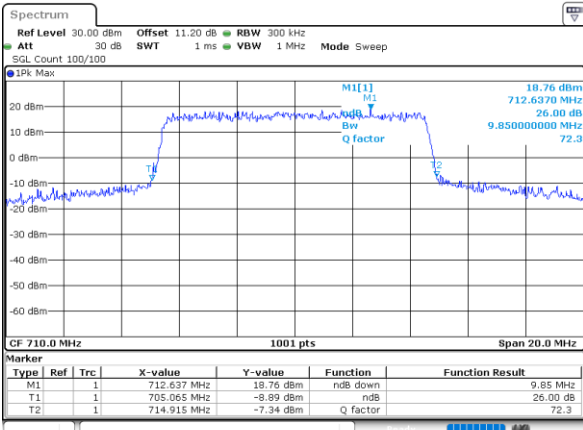
Date: 13.MAY.2024 18:56:50

Middle Channel / 5MHz / 16QAM



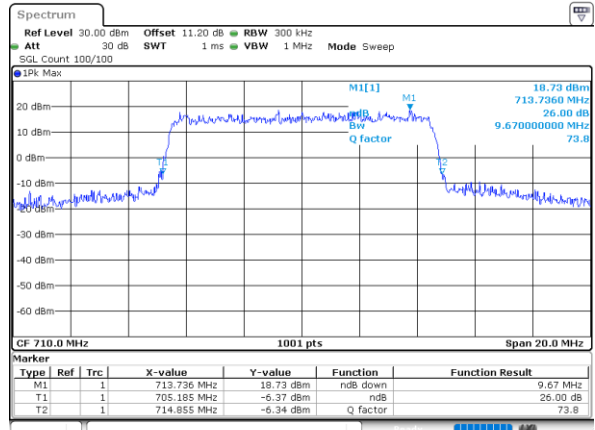
Date: 13.MAY.2024 18:57:15

Middle Channel / 10MHz / QPSK



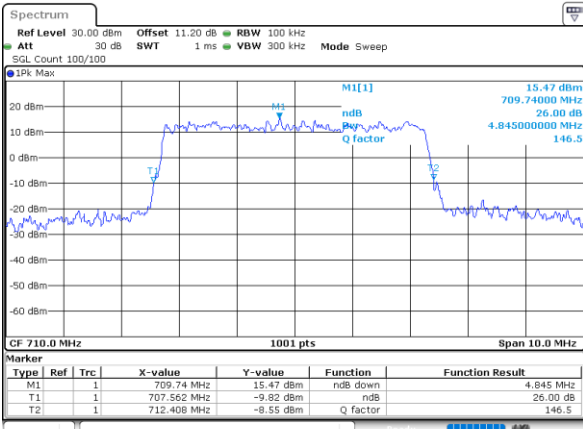
Date: 13.MAY.2024 19:13:03

Middle Channel / 10MHz / 16QAM



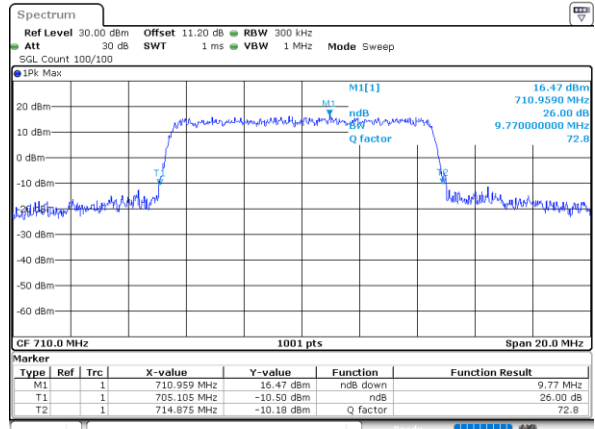
Date: 13.MAY.2024 19:13:28

Middle Channel / 5MHz / 64QAM



Date: 13.MAY.2024 18:57:39

Middle Channel / 10MHz / 64QAM



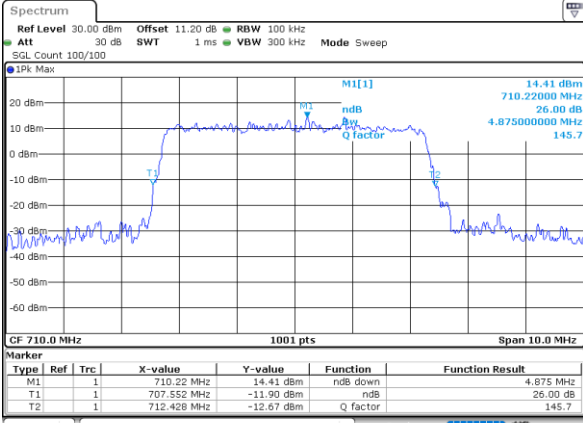
Date: 13.MAY.2024 19:13:52



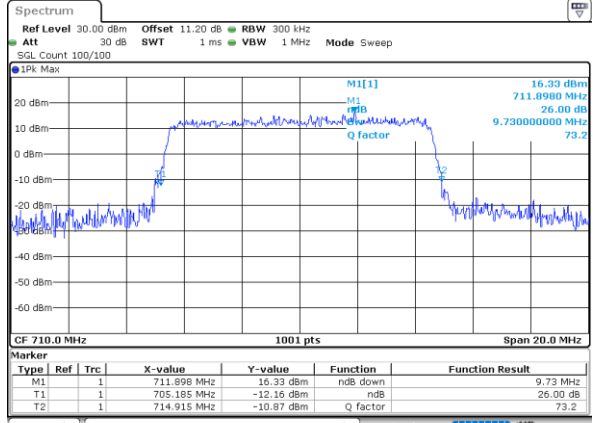
LTE Band 17

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 13.MAY.2024 18:58:04



Date: 13.MAY.2024 19:14:17



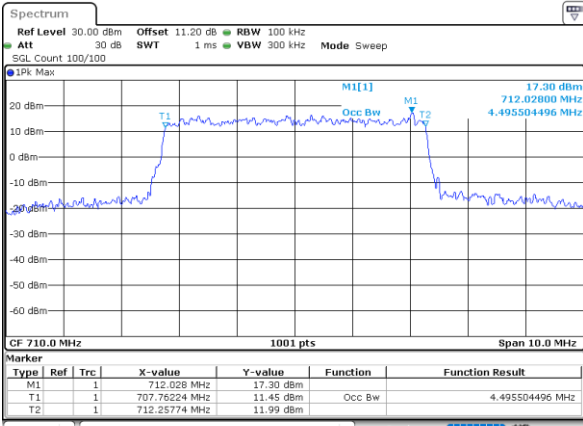
Occupied Bandwidth

Mode	LTE Band 17 : 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	4.49	9.09	9.03	-	-	-	-
Mode	LTE Band 17 : 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	-	-	-	-	4.49	4.46	9.05	9.03	-	-	-	-



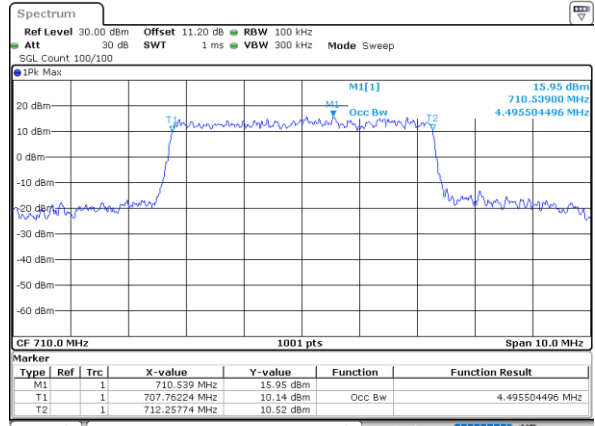
LTE Band 17

Middle Channel / 5MHz / QPSK



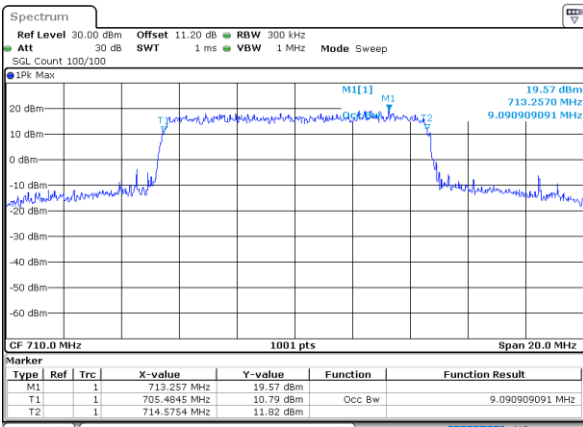
Date: 13.MAY.2024 18:55:12

Middle Channel / 5MHz / 16QAM



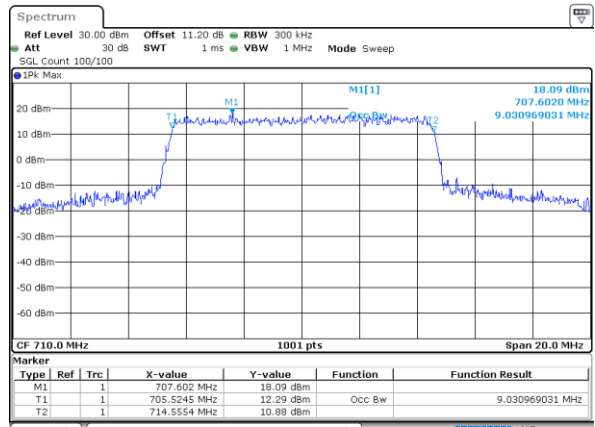
Date: 13.MAY.2024 18:55:37

Middle Channel / 10MHz / QPSK



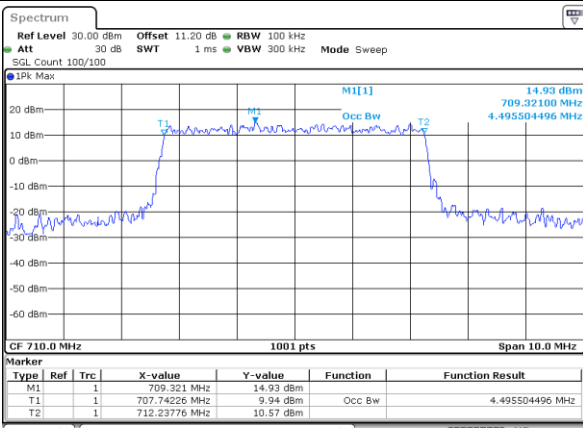
Date: 13.MAY.2024 19:11:25

Middle Channel / 10MHz / 16QAM



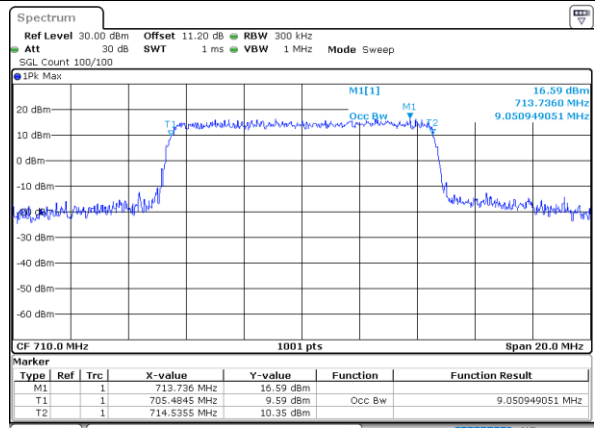
Date: 13.MAY.2024 19:11:49

Middle Channel / 5MHz / 64QAM



Date: 13.MAY.2024 18:56:01

Middle Channel / 10MHz / 64QAM

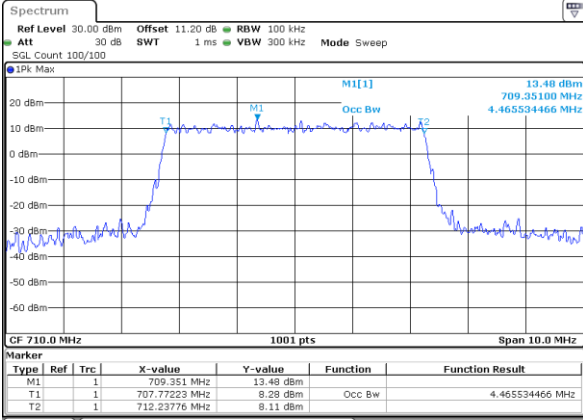


Date: 13.MAY.2024 19:12:14



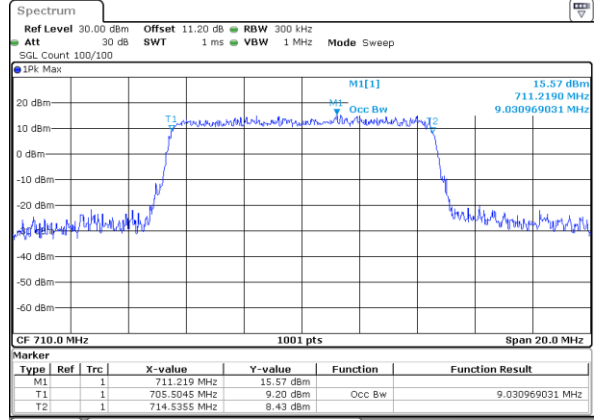
LTE Band 17

Middle Channel / 5MHz / 256QAM



Date: 13.MAY.2024 18:56:26

Middle Channel / 10MHz / 256QAM



Date: 13.MAY.2024 19:12:39