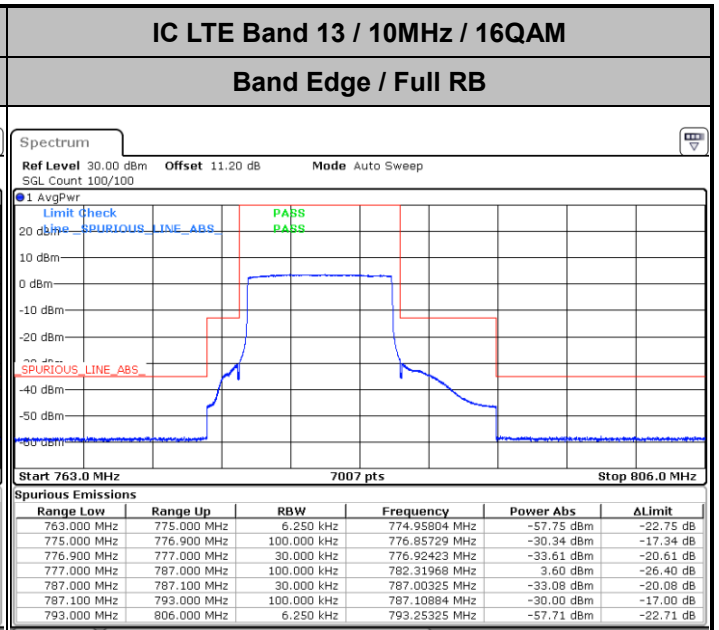
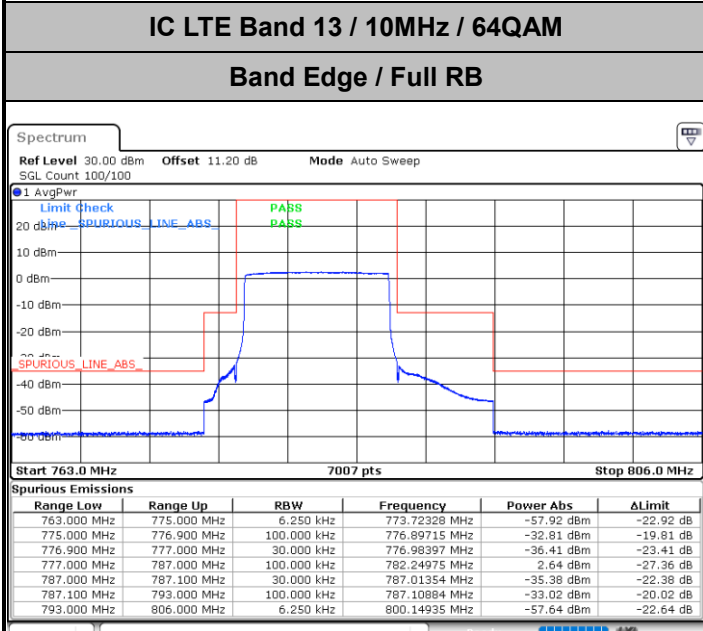


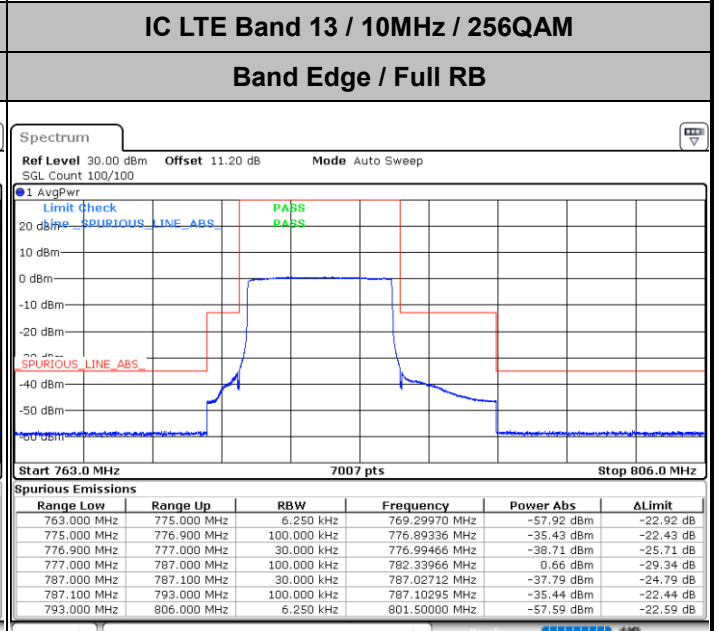
Date: 4 JUN 2024 15:29:20



Date: 4 JUN 2024 15:30:39



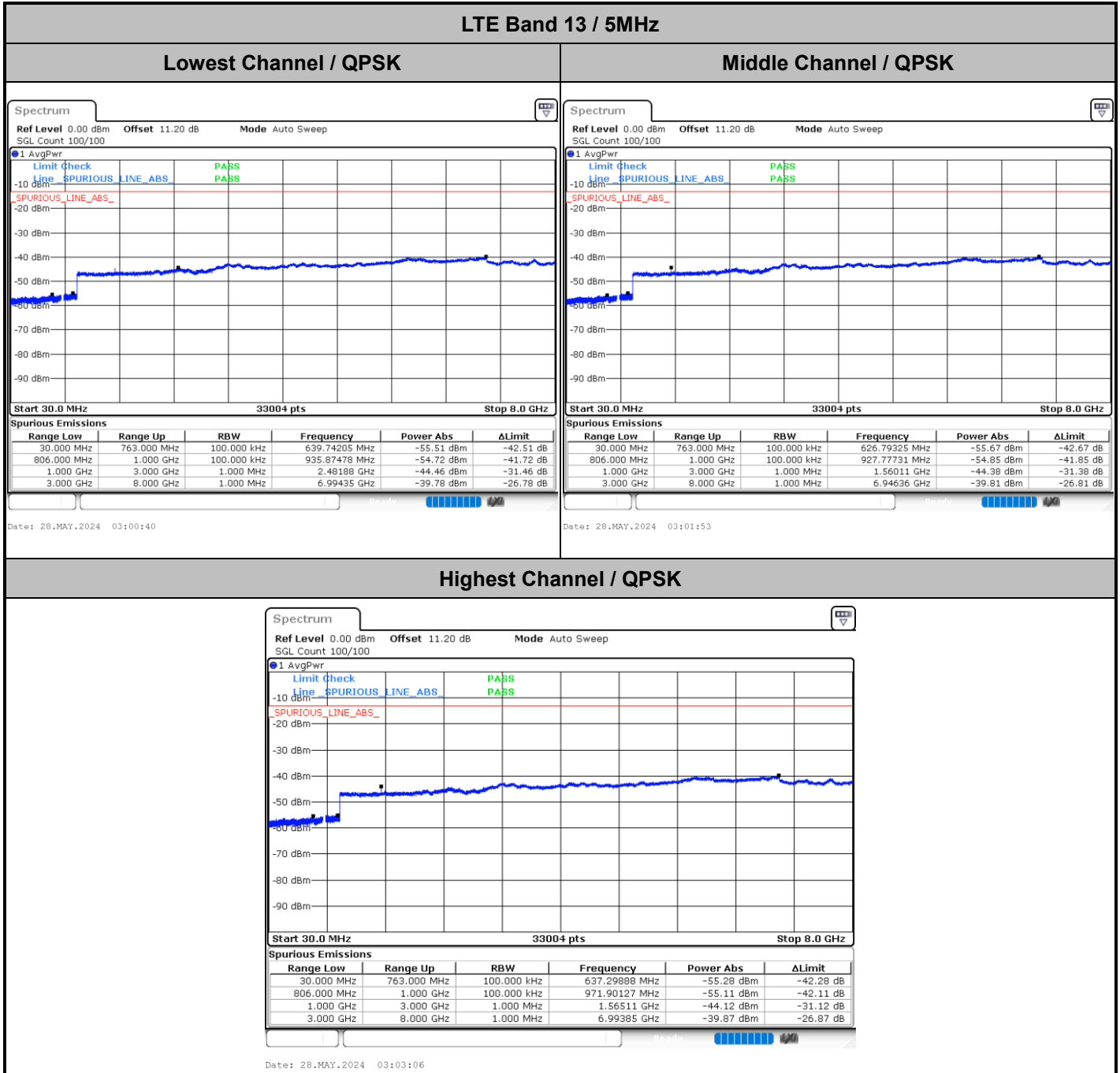
Date: 4 JUN 2024 15:31:53



Date: 4 JUN 2024 15:38:29



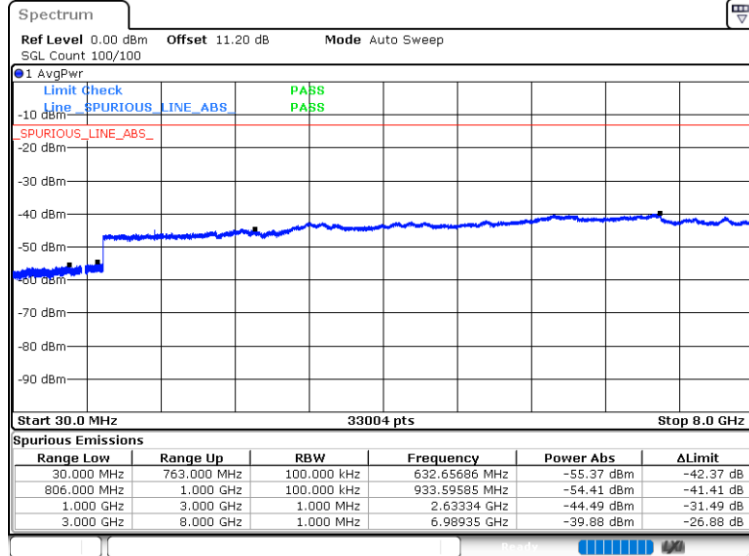
Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 29.MAY.2024 03:14:01



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0064	
30	Normal Voltage	0.0049	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0060	
-10	Normal Voltage	0.0097	
-20	Normal Voltage	0.0063	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0092	

Note:

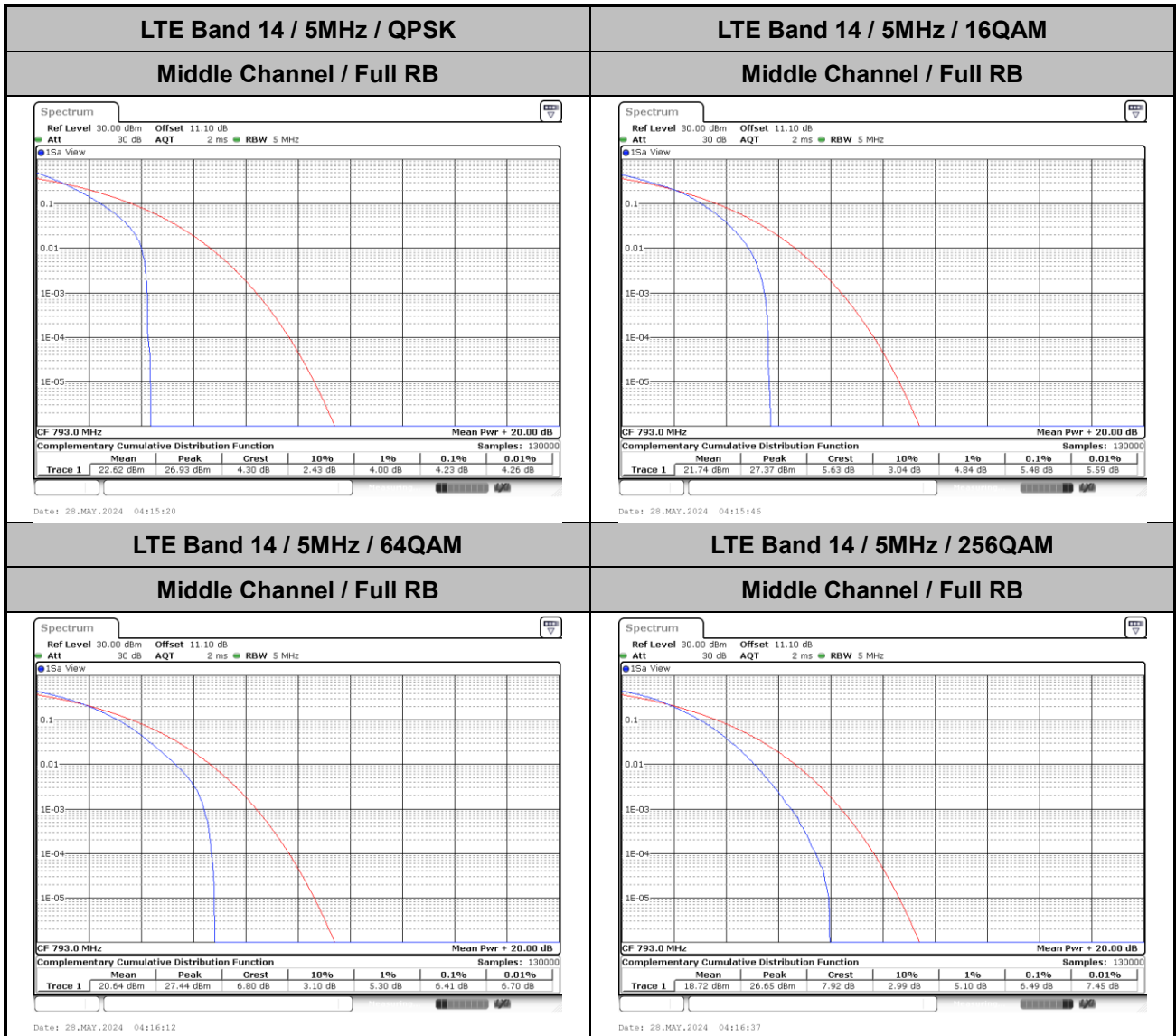
1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =3.465 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

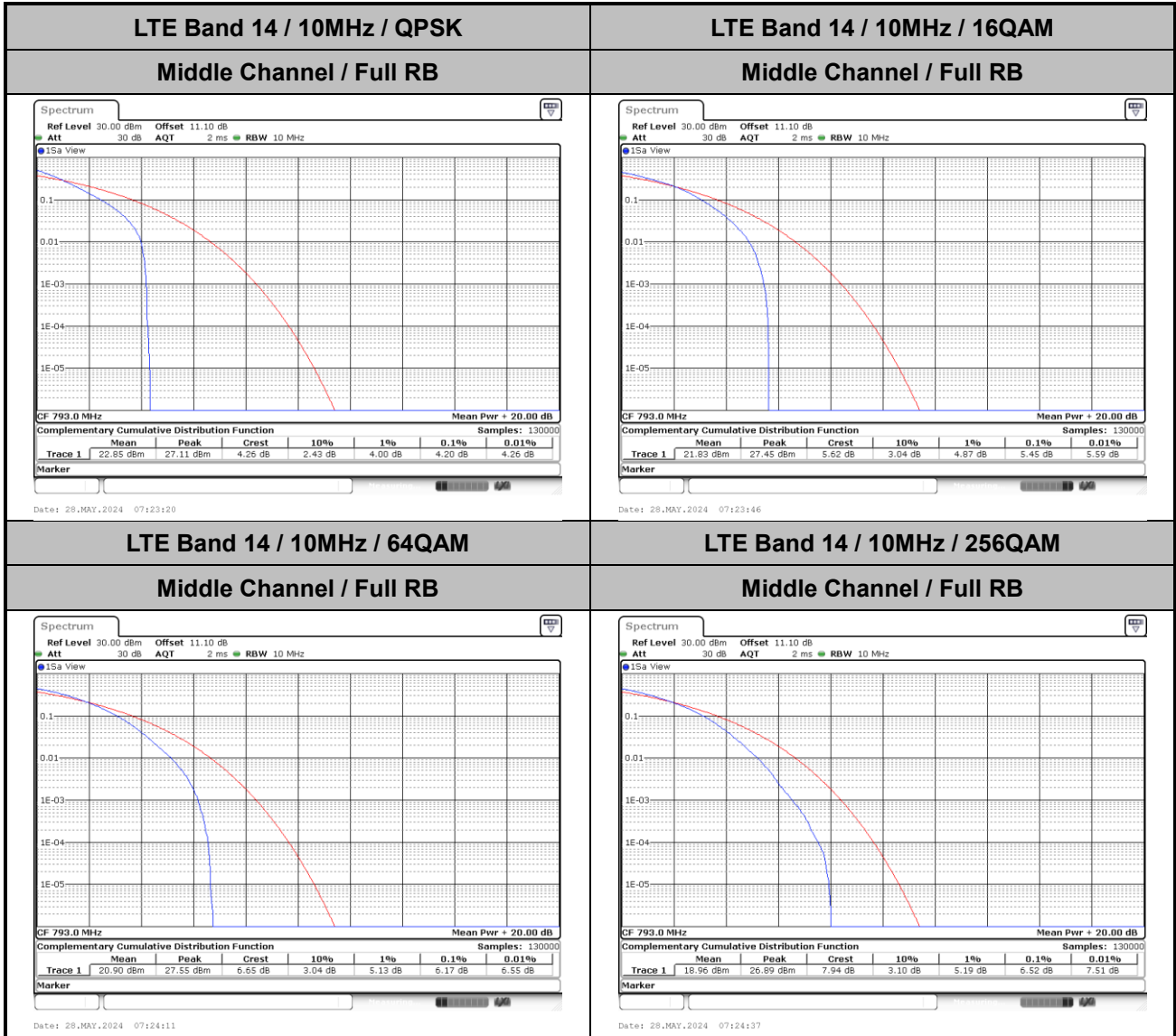


LTE Band 14

Peak-to-Average Ratio

Mode	LTE Band 14 / 5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.23	5.48	6.41	6.49	PASS
Mode	LTE Band 14 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.20	5.45	6.17	6.52	PASS







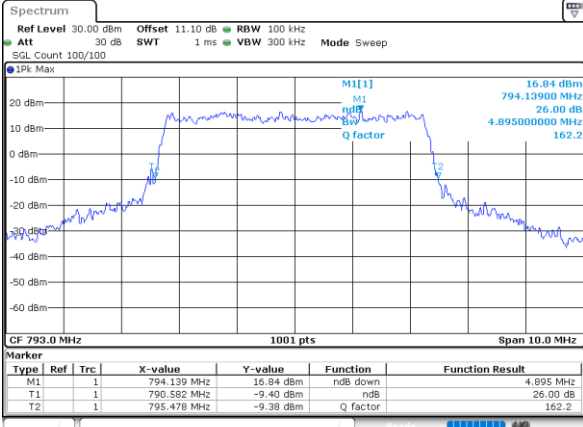
26dB Bandwidth

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	-	-	-	-	4.89	4.99	9.83	9.84	-	-	-	-
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	-	-	-	-	4.97	4.96	9.89	9.86	-	-	-	-



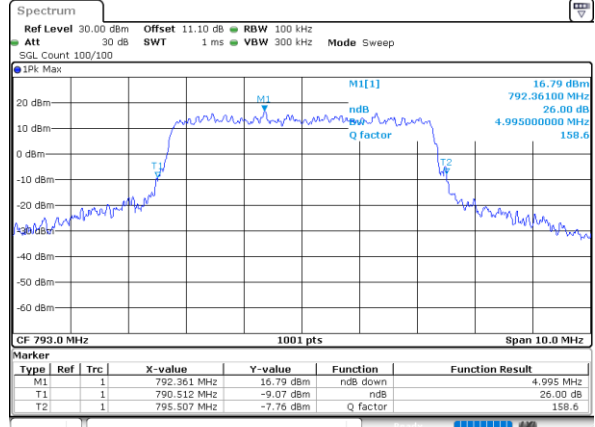
LTE Band 14

Middle Channel / 5MHz / QPSK



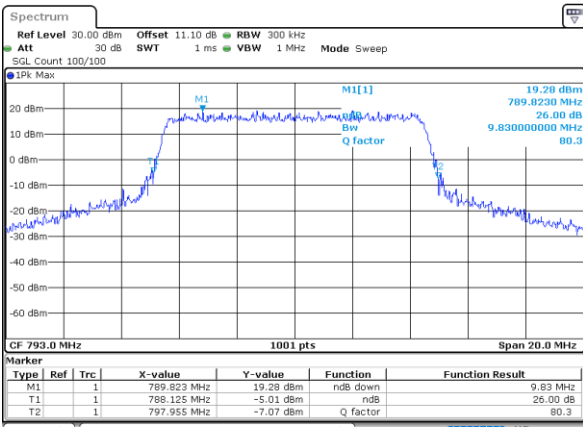
Date: 28.MAY.2024 04:10:00

Middle Channel / 5MHz / 16QAM



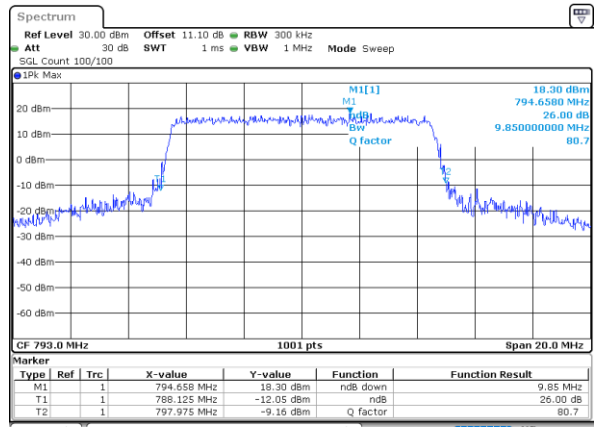
Date: 28.MAY.2024 04:11:25

Middle Channel / 10MHz / QPSK



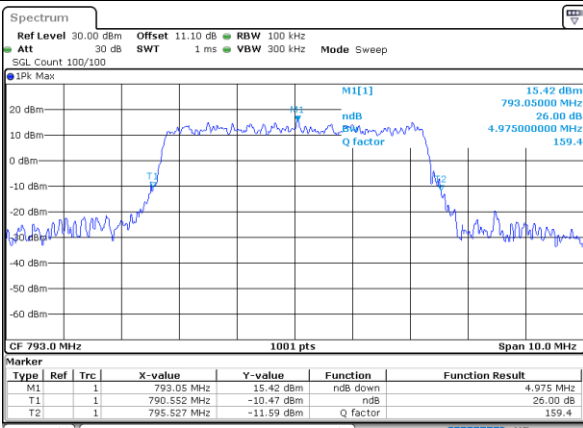
Date: 28.MAY.2024 07:21:40

Middle Channel / 10MHz / 16QAM



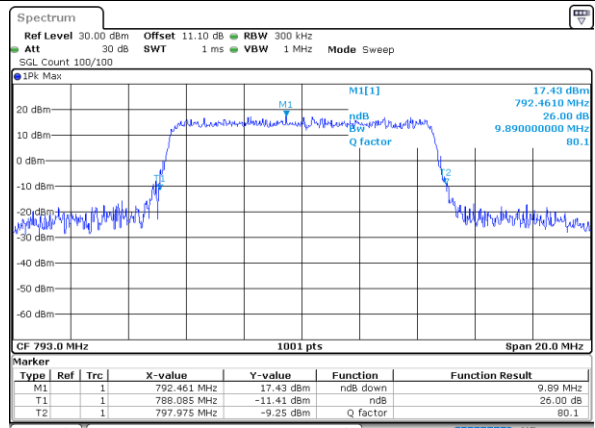
Date: 28.MAY.2024 07:22:10

Middle Channel / 5MHz / 64QAM



Date: 28.MAY.2024 04:10:50

Middle Channel / 10MHz / 64QAM



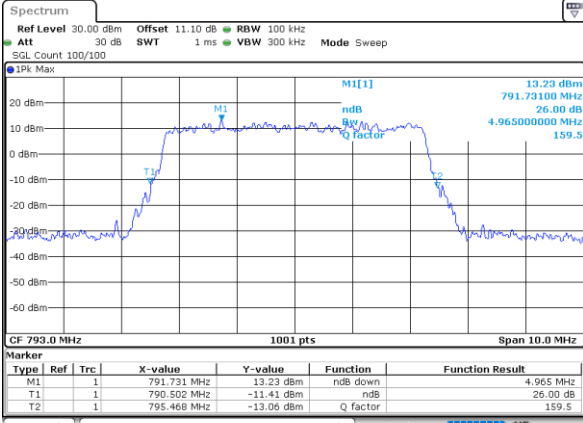
Date: 28.MAY.2024 07:22:30



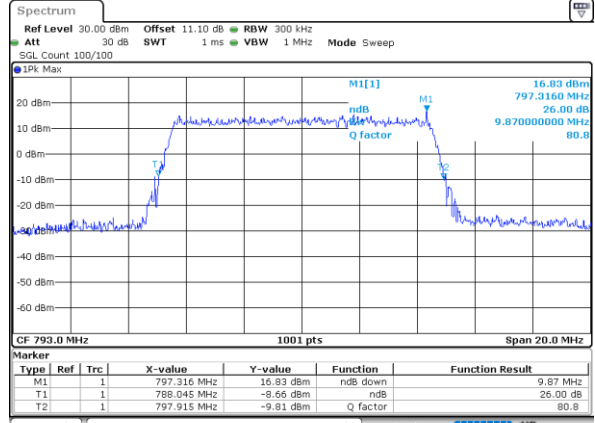
LTE Band 14

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 28.MAY.2024 04:11:14



Date: 28.MAY.2024 07:22:54



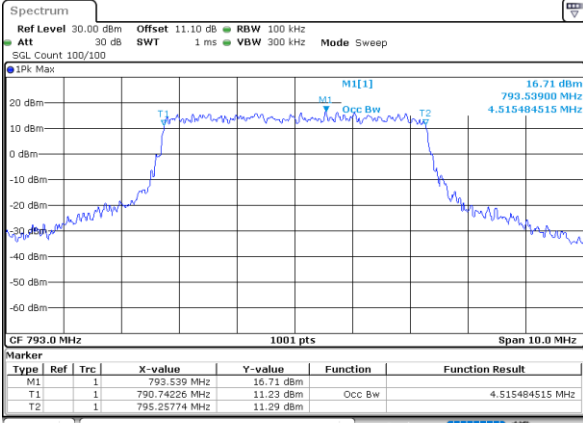
Occupied Bandwidth

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	-	-	-	-	4.51	4.49	9.03	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	-	-	-	-	4.49	4.49	9.05	9.05	-	-	-	-



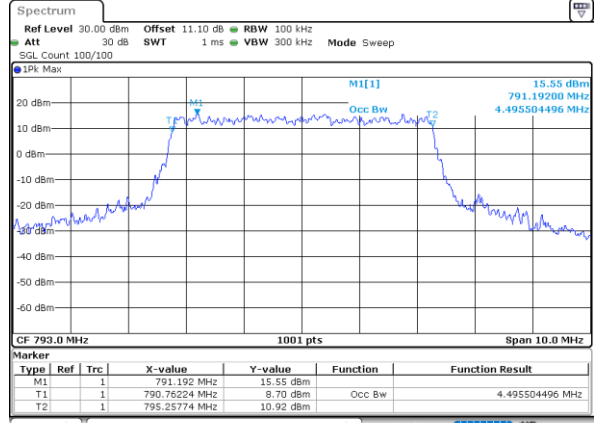
LTE Band 14

Middle Channel / 5MHz / QPSK



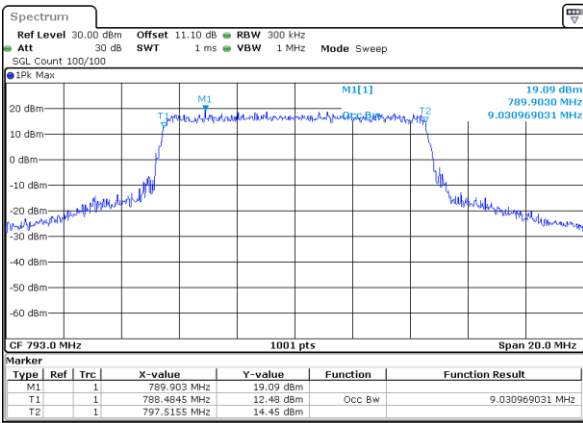
Date: 28.MAY.2024 04:08:22

Middle Channel / 5MHz / 16QAM



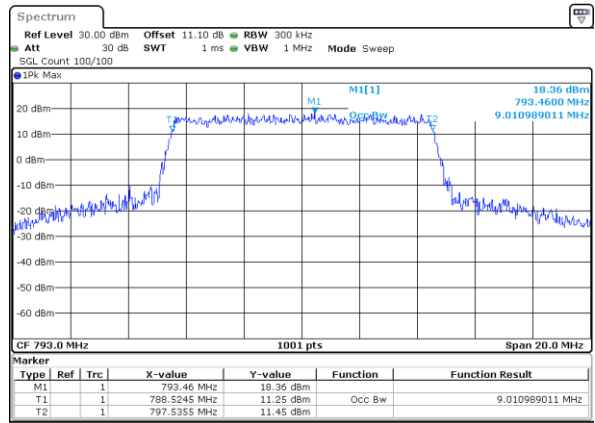
Date: 28.MAY.2024 04:08:47

Middle Channel / 10MHz / QPSK



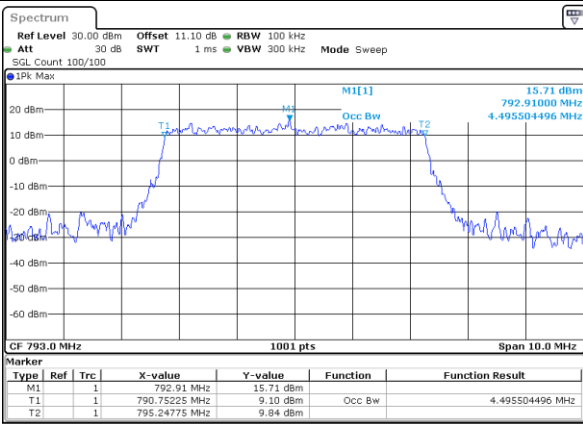
Date: 28.MAY.2024 07:20:02

Middle Channel / 10MHz / 16QAM



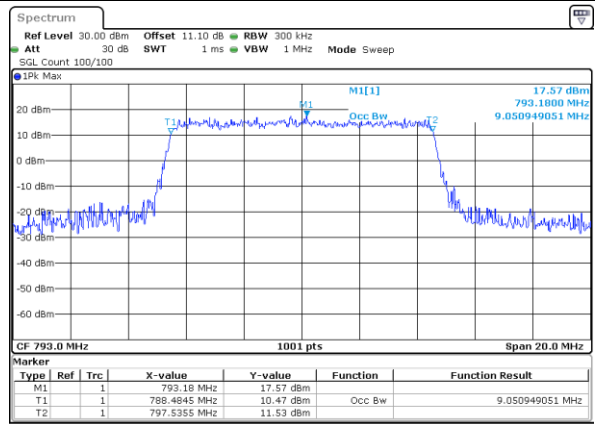
Date: 28.MAY.2024 07:20:26

Middle Channel / 5MHz / 64QAM



Date: 28.MAY.2024 04:09:11

Middle Channel / 10MHz / 64QAM



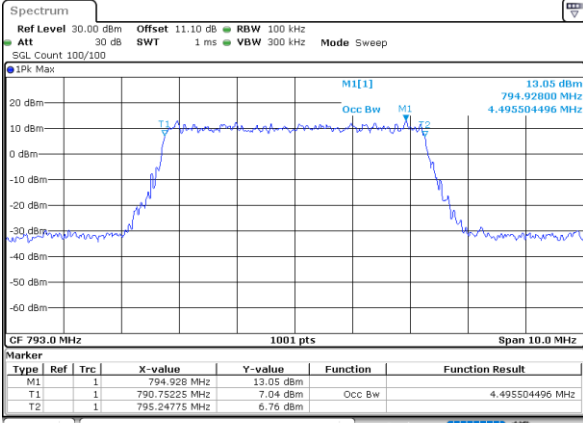
Date: 28.MAY.2024 07:20:51



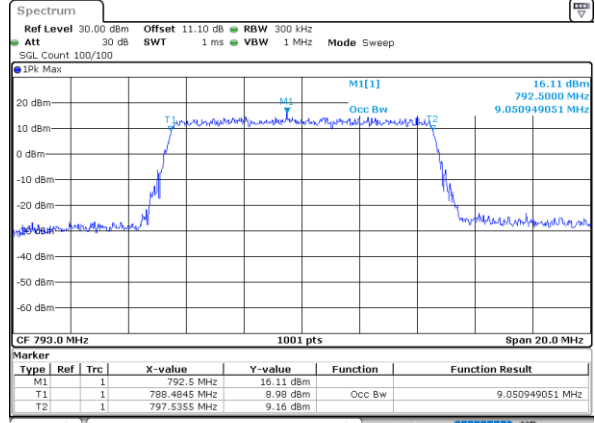
LTE Band 14

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 28.MAY.2024 04:09:36



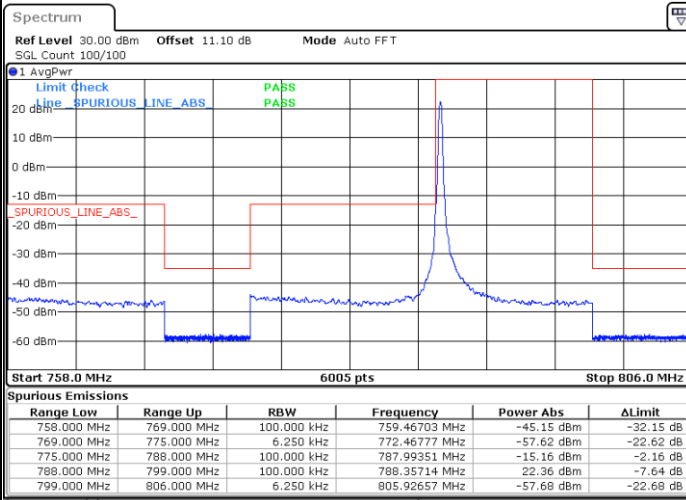
Date: 28.MAY.2024 07:12:11.6



Conducted Band Edge

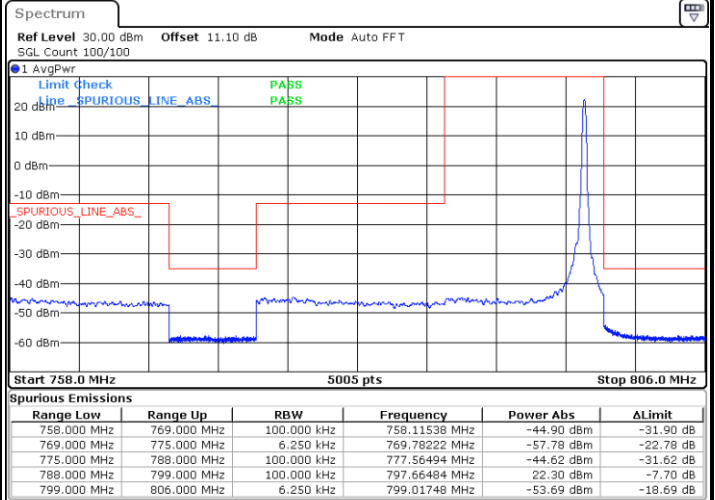
LTE Band 14 / 5MHz / QPSK

Lowest Band Edge / 1 RB



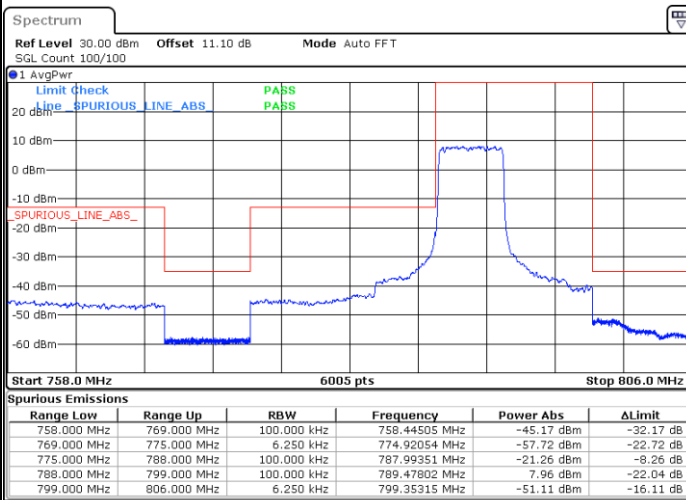
Date: 28.MAY.2024 03:19:18

Highest Band Edge / 1 RB



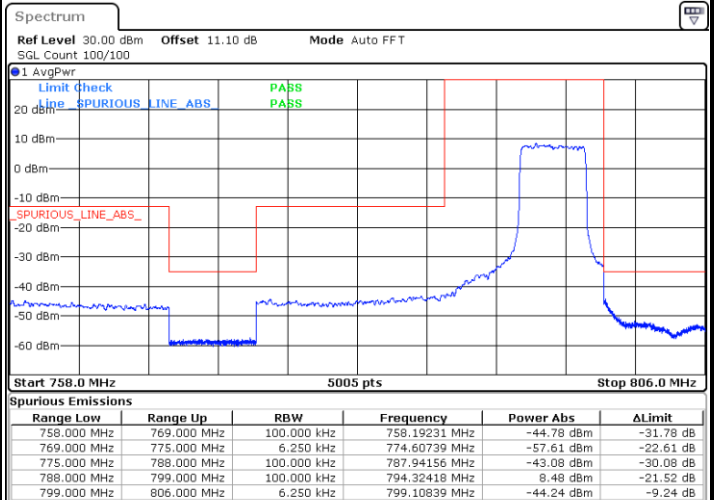
Date: 28.MAY.2024 03:27:19

Lowest Band Edge / Full RB



Date: 28.MAY.2024 03:15:39

Highest Band Edge / Full RB

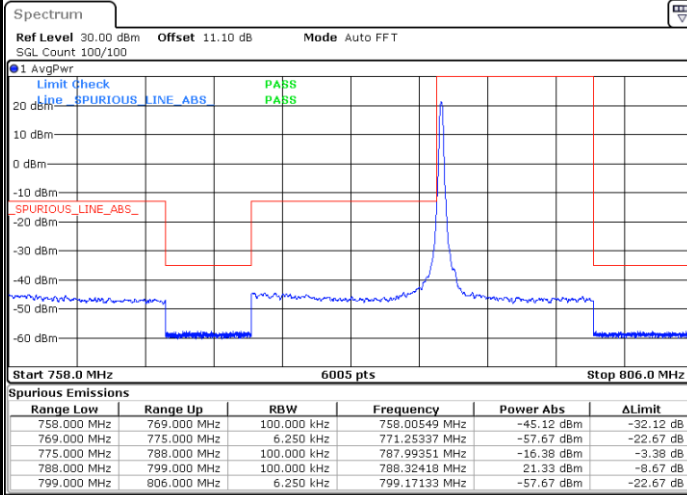


Date: 28.MAY.2024 03:23:39



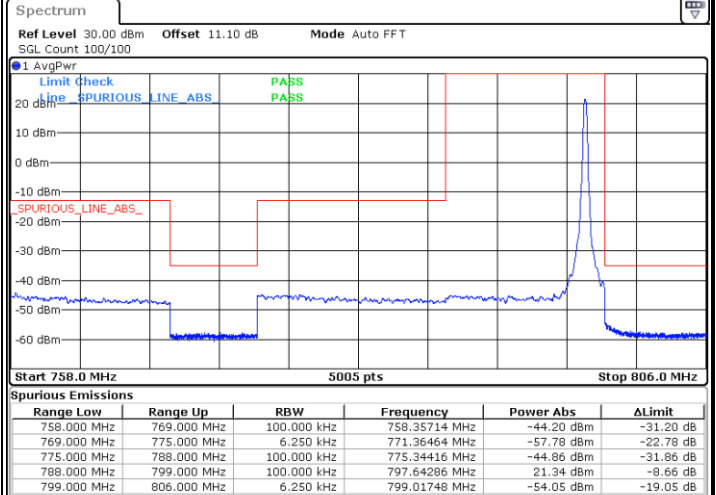
LTE Band 14 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



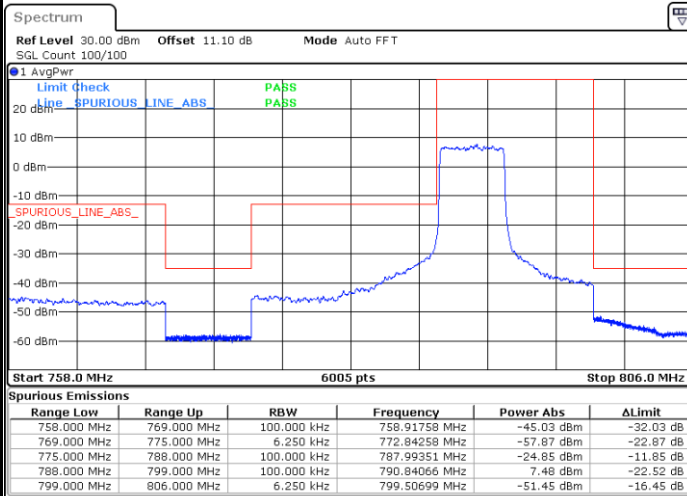
Date: 28.MAY.2024 03:20:13

Highest Band Edge / 1 RB



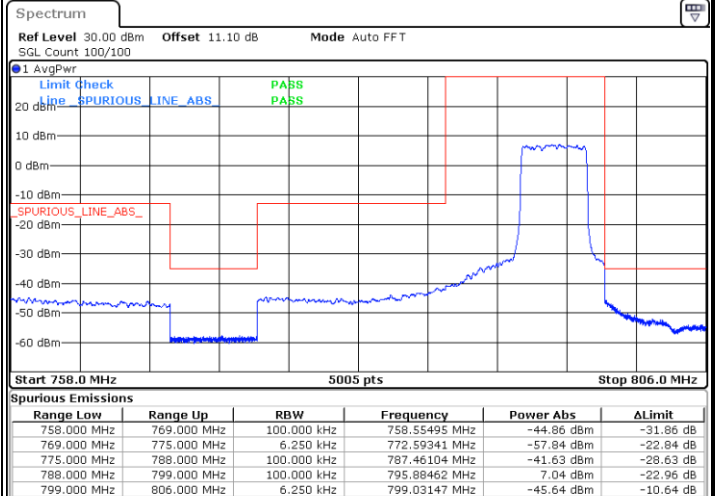
Date: 28.MAY.2024 03:28:13

Lowest Band Edge / Full RB



Date: 28.MAY.2024 03:16:33

Highest Band Edge / Full RB



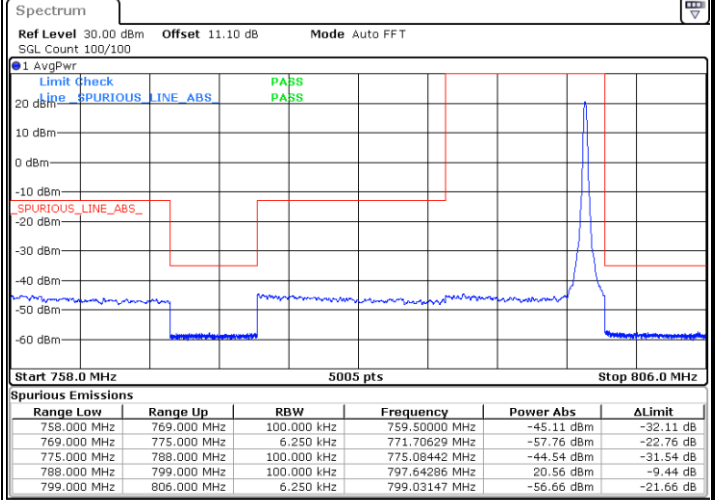
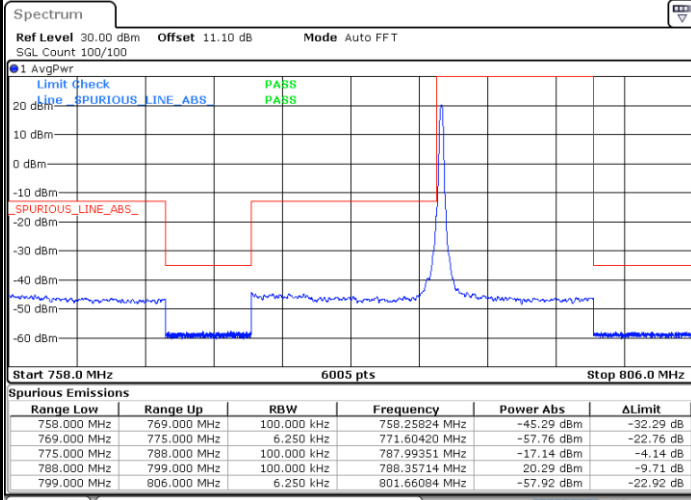
Date: 28.MAY.2024 03:24:33



LTE Band 14 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

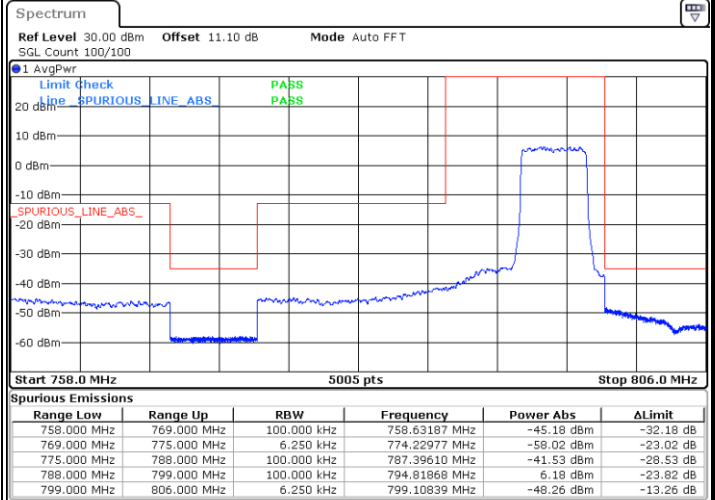
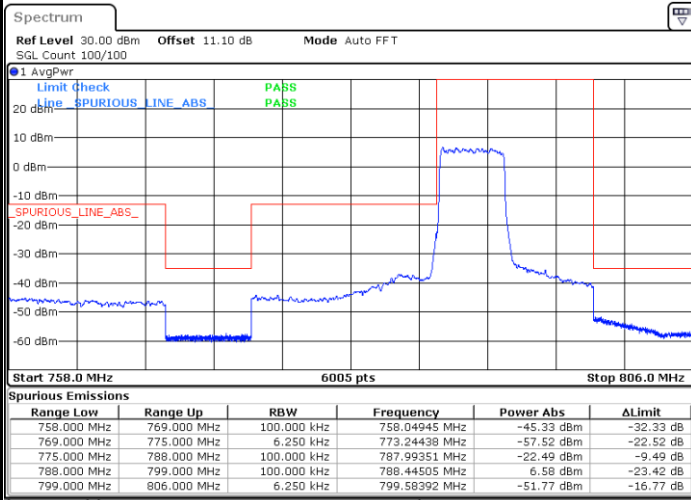


Date: 28.MAY.2024 03:21:07

Date: 28.MAY.2024 03:29:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.MAY.2024 03:17:27

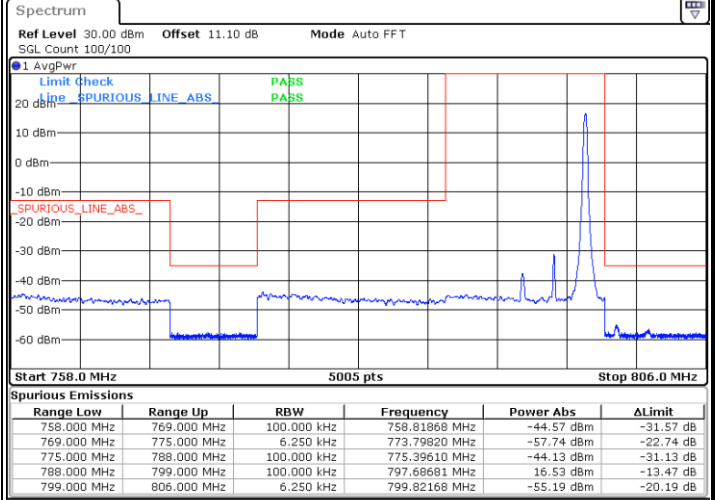
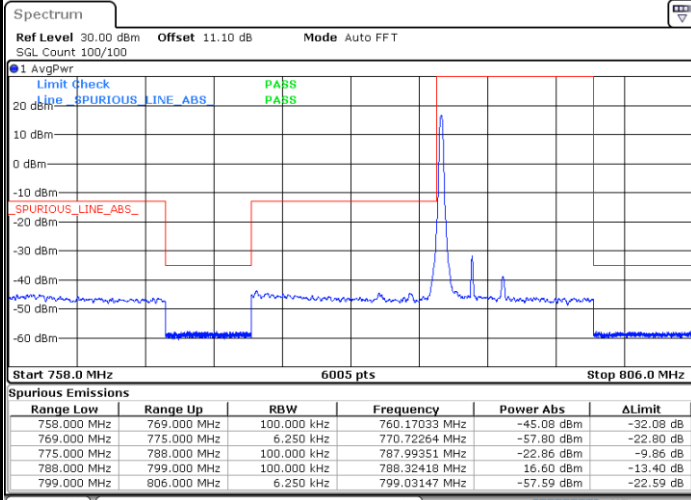
Date: 28.MAY.2024 03:25:27



LTE Band 14 / 5MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

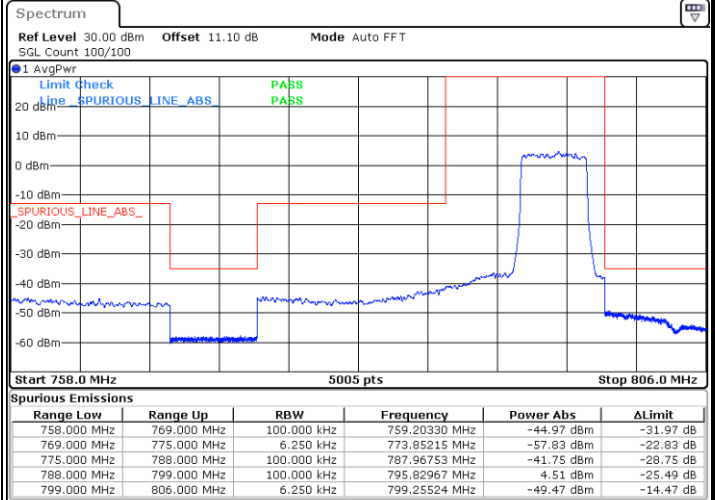
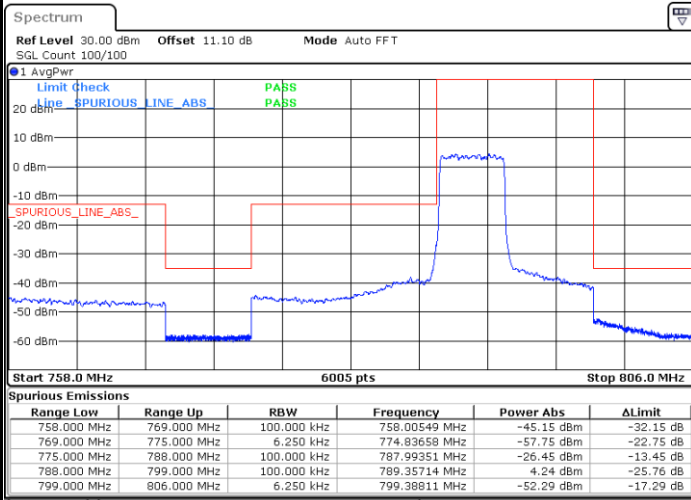


Date: 28.MAY.2024 03:22:01

Date: 28.MAY.2024 03:30:01

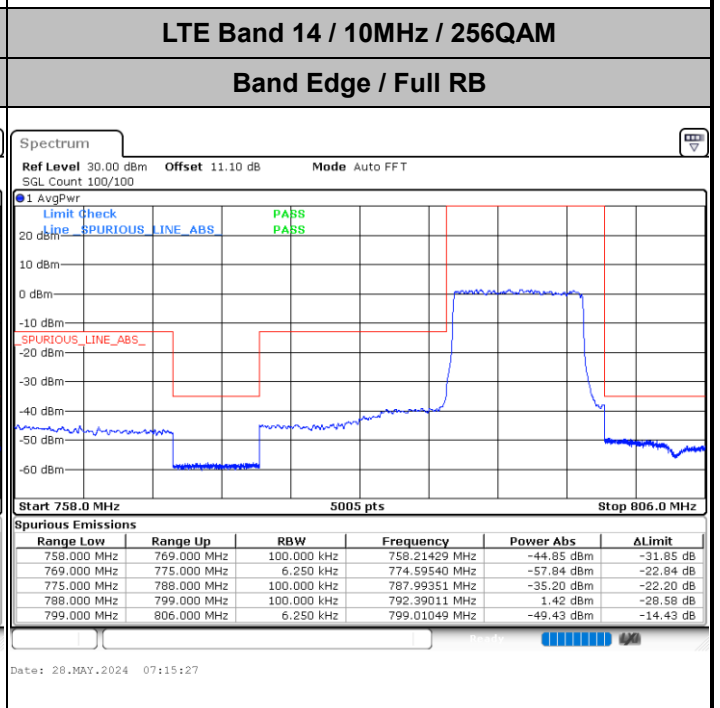
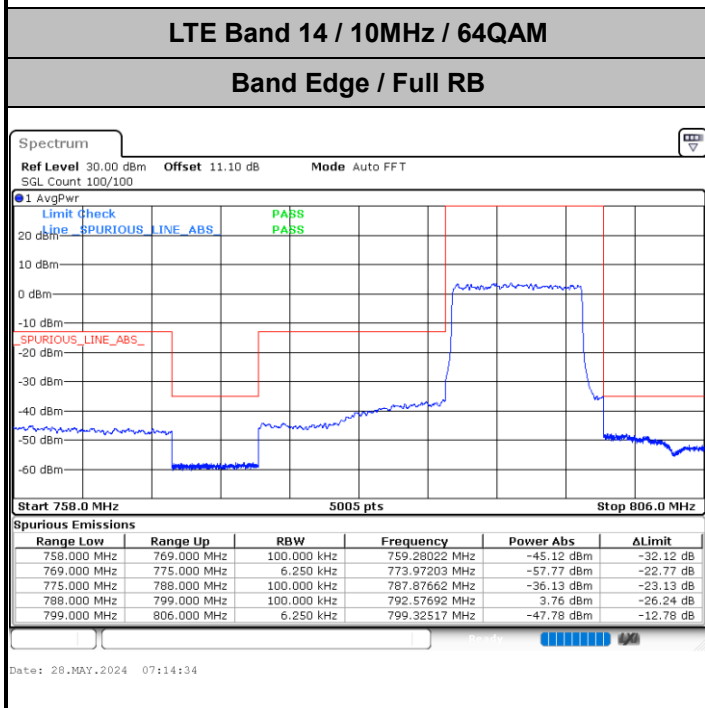
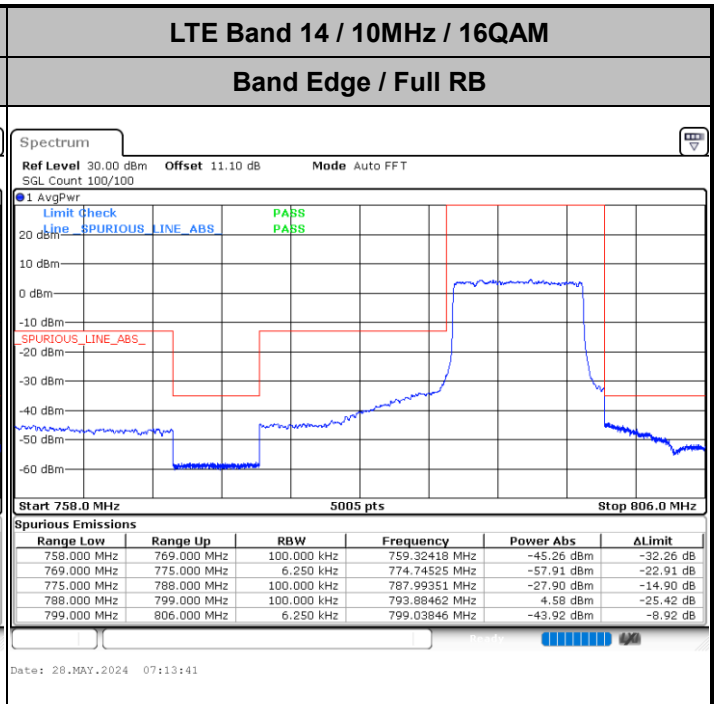
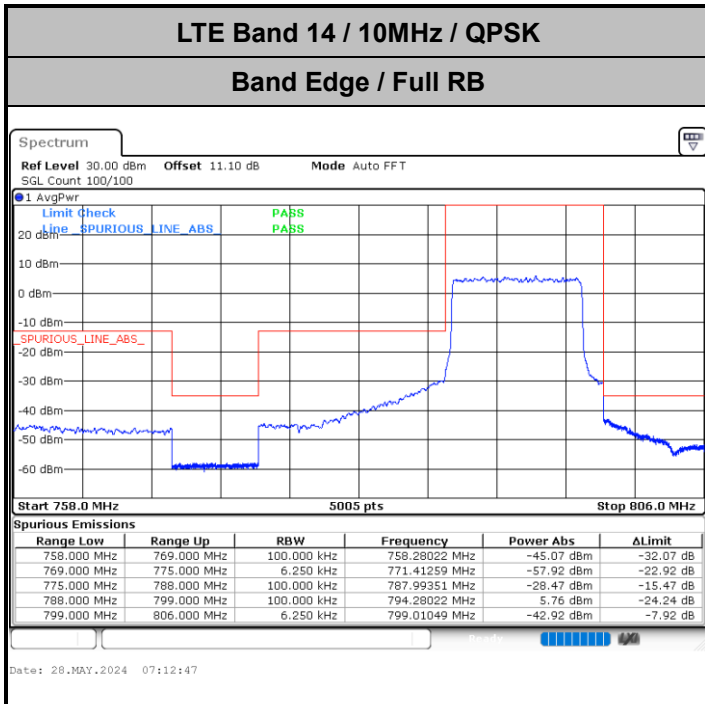
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



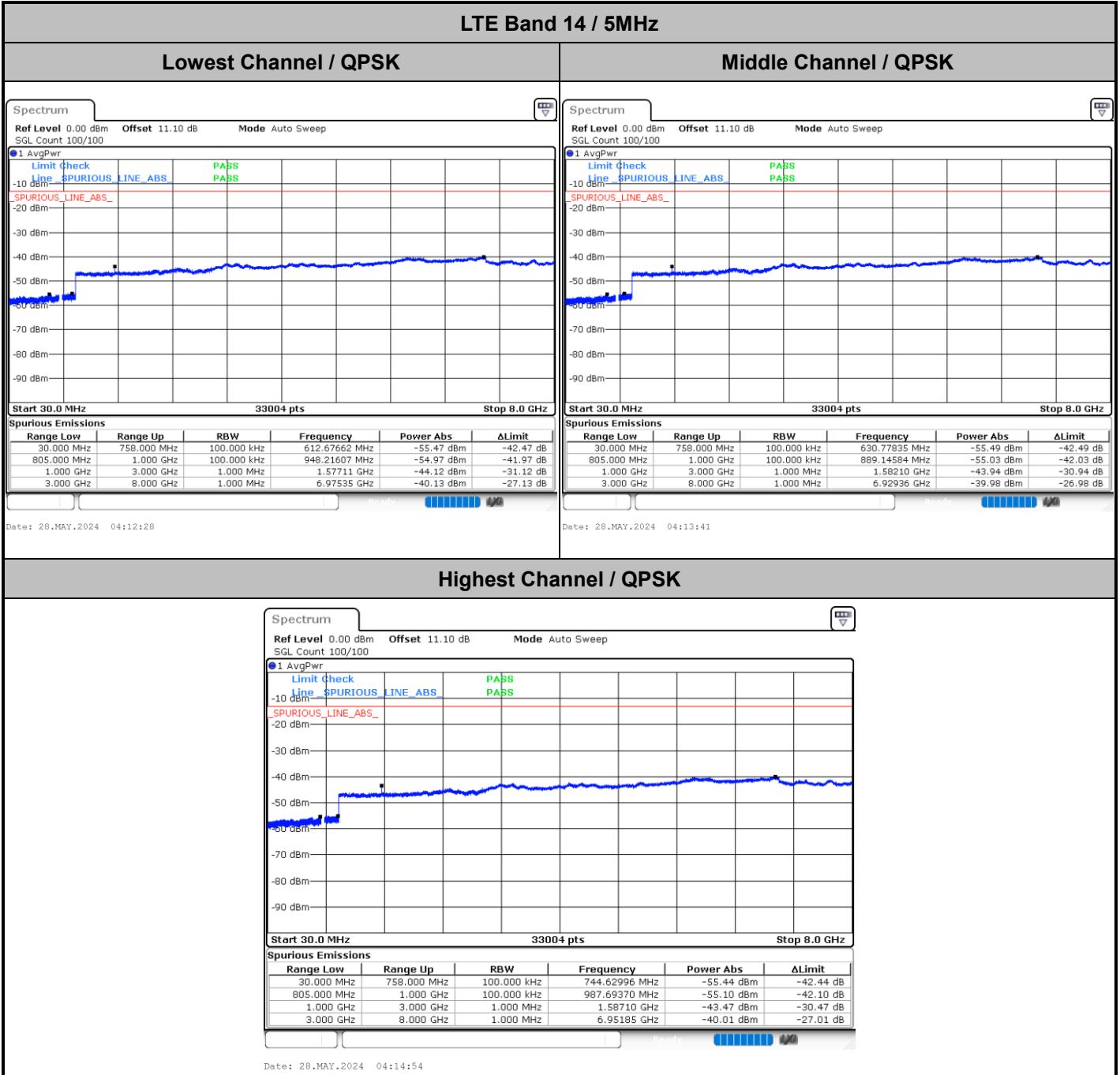
Date: 28.MAY.2024 03:18:22

Date: 28.MAY.2024 03:26:21





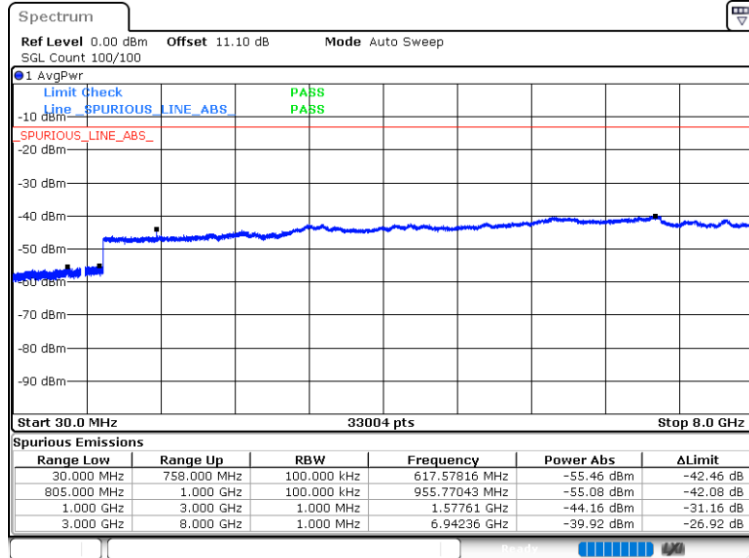
Conducted Spurious Emission





LTE Band 14 / 10MHz

Middle Channel / QPSK



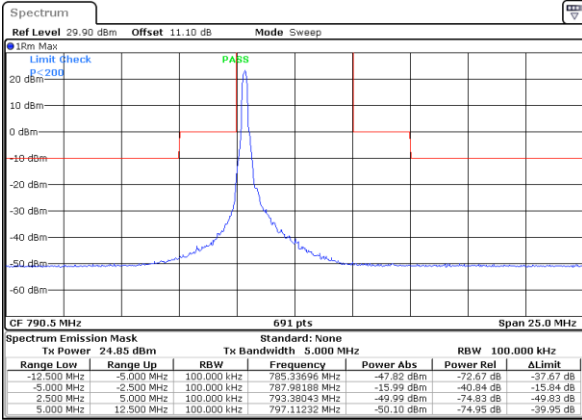
Date: 28.MAY.2024 07:25:50



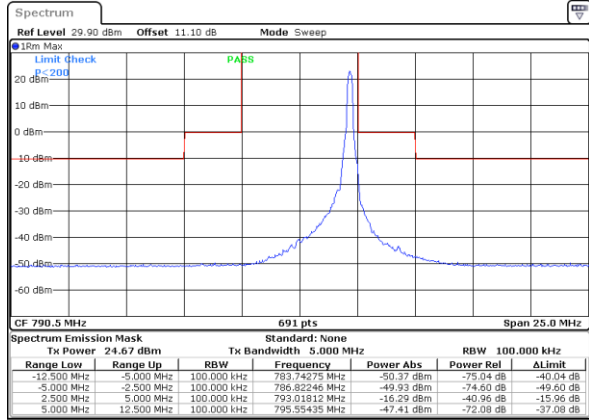
Mask

LTE Band 14 / 5MHz / QPSK

Lowest Channel / 1RB

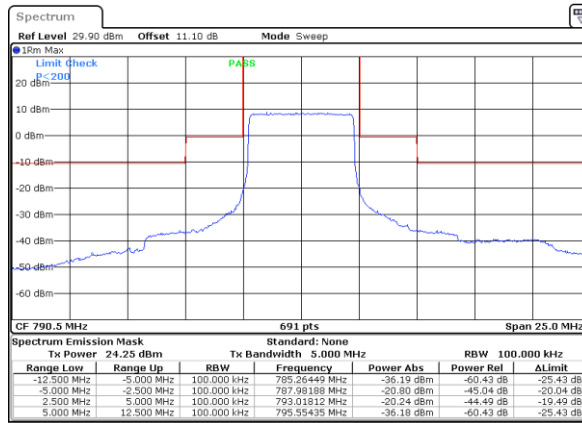


Date: 28.MAY.2024 03:13:12



Date: 28.MAY.2024 03:13:17

Lowest Channel / Full RB

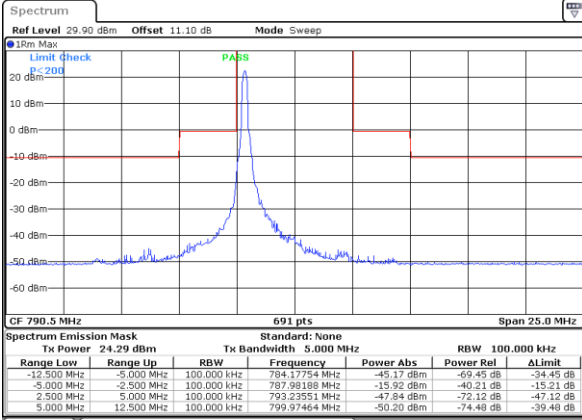


Date: 28.MAY.2024 03:31:07

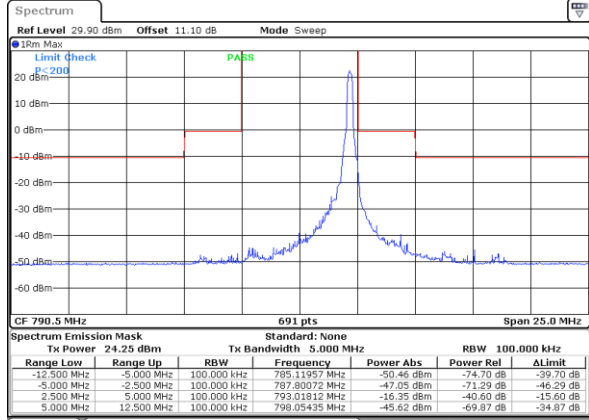


LTE Band 14 / 5MHz / 16QAM

Lowest Channel / 1RB

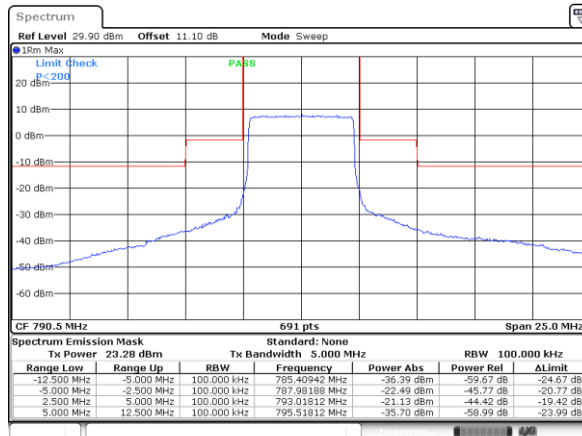


Date: 28.MAY.2024 03:36:25



Date: 28.MAY.2024 03:40:40

Lowest Channel / Full RB

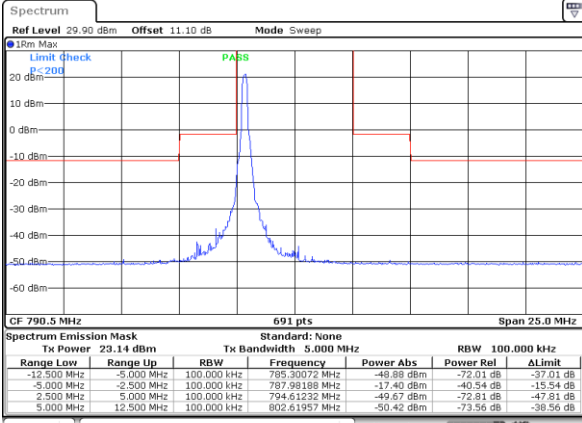


Date: 28.MAY.2024 03:32:10

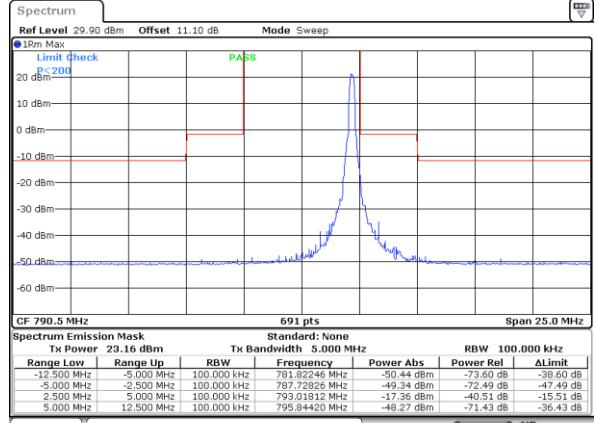


LTE Band 14 / 5MHz / 64QAM

Lowest Channel / 1RB

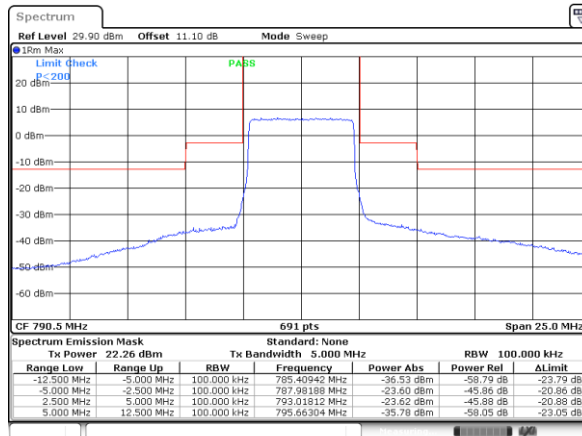


Date: 28.MAY.2024 03:37:28



Date: 28.MAY.2024 03:41:143

Lowest Channel / Full RB

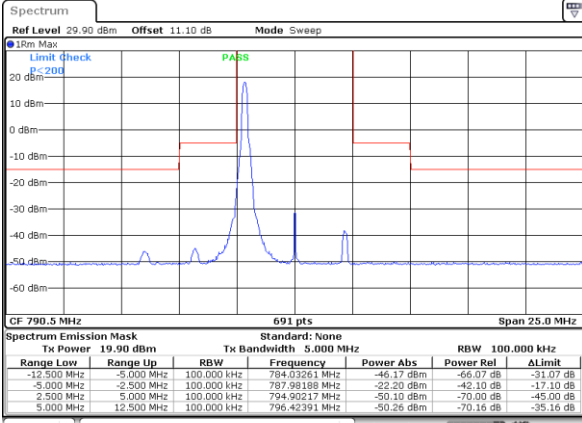


Date: 28.MAY.2024 03:33:13

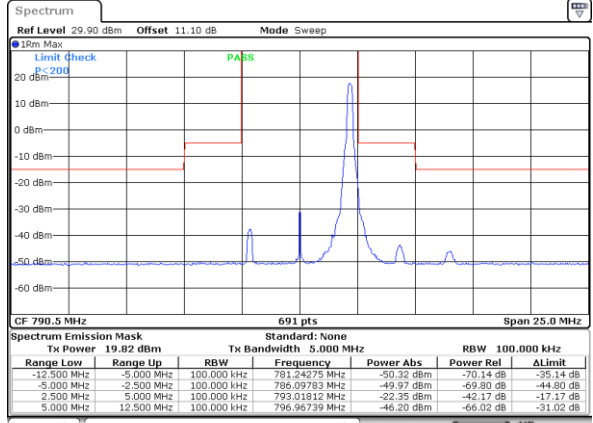


LTE Band 14 / 5MHz / 256QAM

Lowest Channel / 1RB

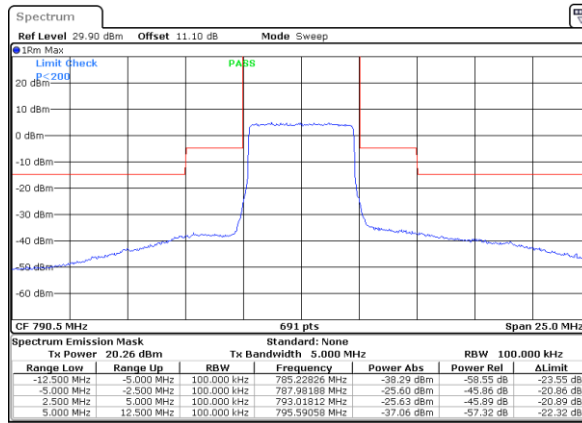


Date: 28.MAY.2024 03:38:31



Date: 28.MAY.2024 03:42:16

Lowest Channel / Full RB

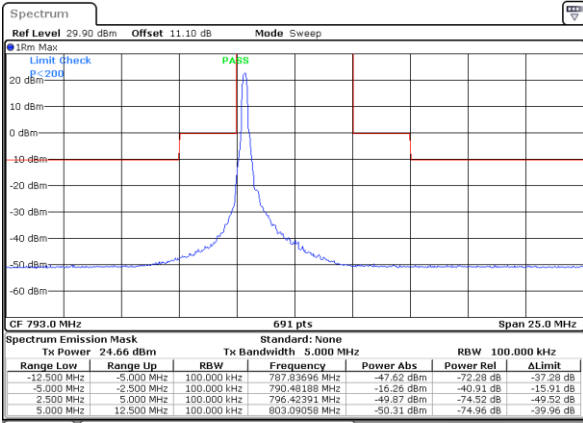


Date: 28.MAY.2024 03:34:16

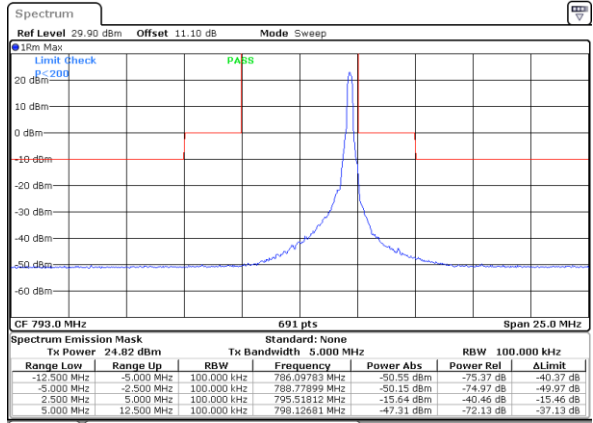


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

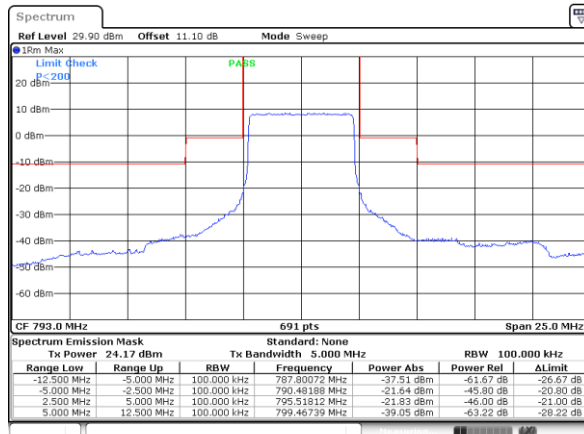


Date: 28.MAY.2024 03:47:59



Date: 28.MAY.2024 03:52:08

Middle Channel / Full RB

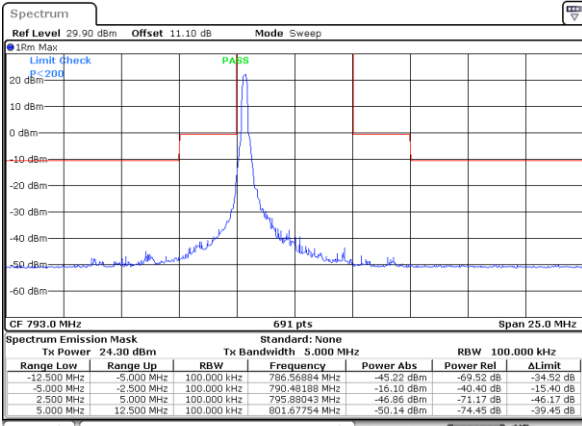


Date: 28.MAY.2024 03:43:49

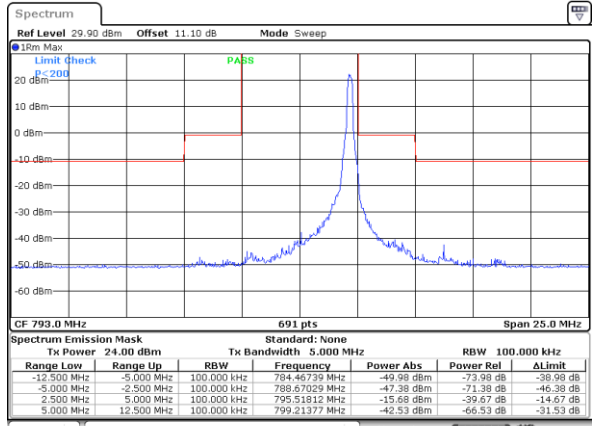


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

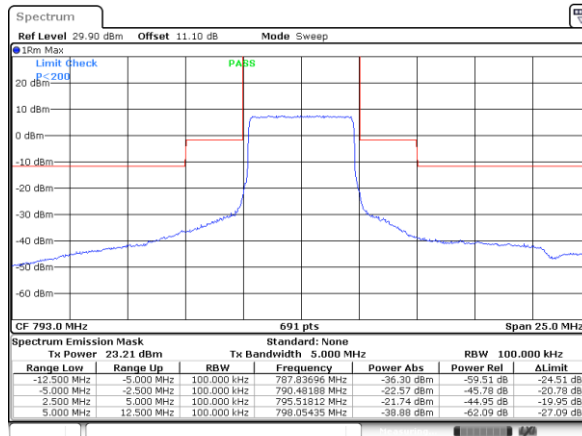


Date: 28.MAY.2024 03:49:01



Date: 28.MAY.2024 03:53:11

Middle Channel / Full RB

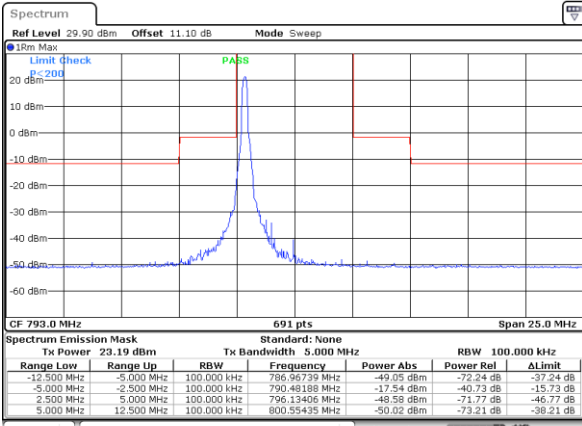


Date: 28.MAY.2024 03:44:51

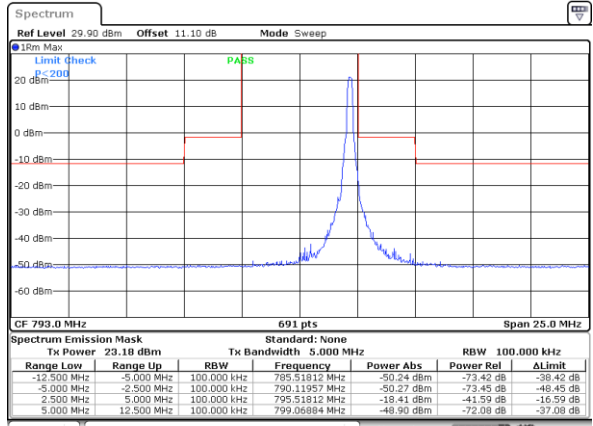


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

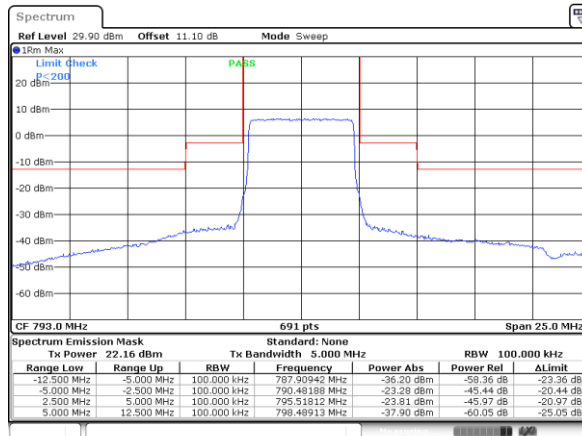


Date: 28.MAY.2024 03:50:04



Date: 28.MAY.2024 03:54:13

Middle Channel / Full RB

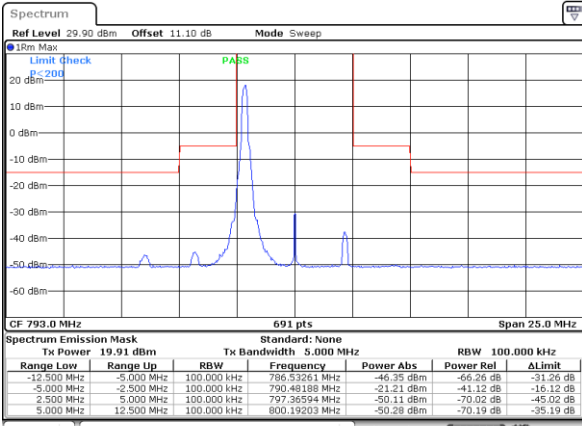


Date: 28.MAY.2024 03:45:54

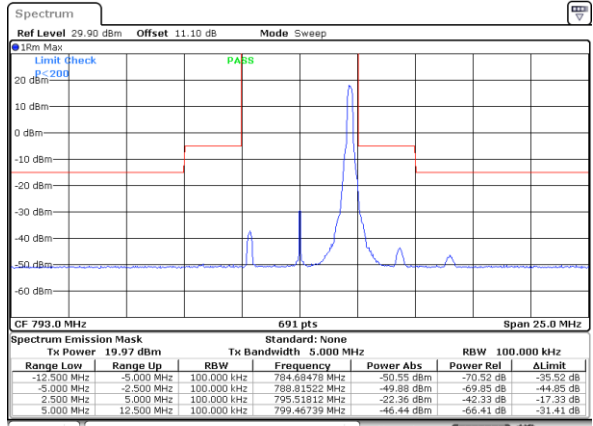


LTE Band 14 / 5MHz / 256QAM

Middle Channel / 1RB

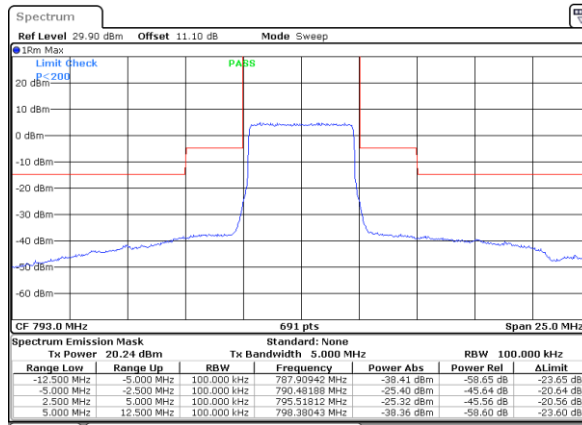


Date: 28.MAY.2024 03:51:06



Date: 28.MAY.2024 03:55:15

Middle Channel / Full RB

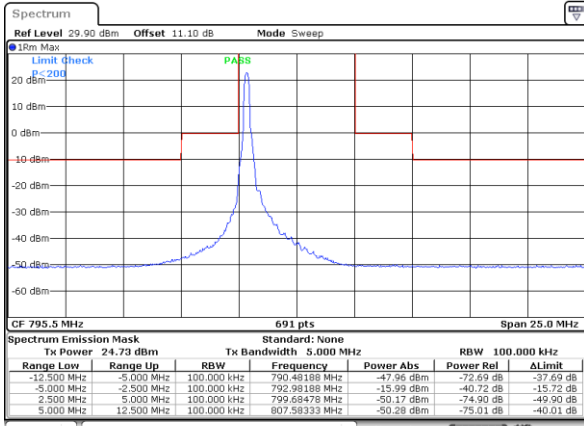


Date: 28.MAY.2024 03:46:56

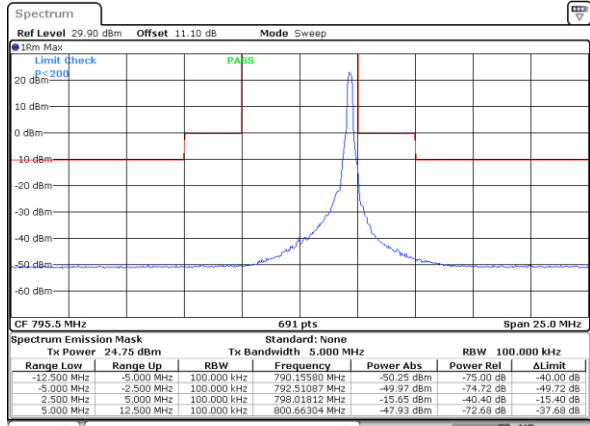


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

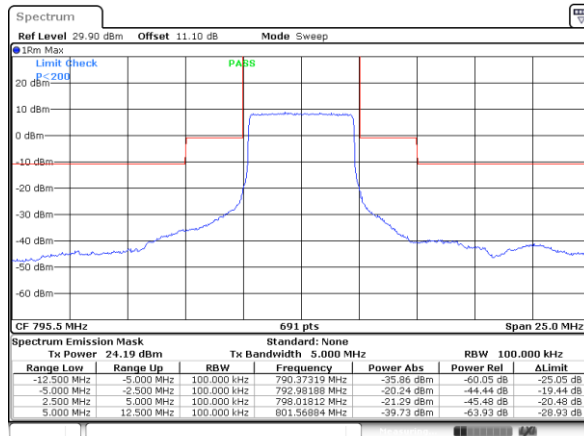


Date: 28.MAY.2024 04:00:33



Date: 28.MAY.2024 04:04:48

Highest Channel / Full RB

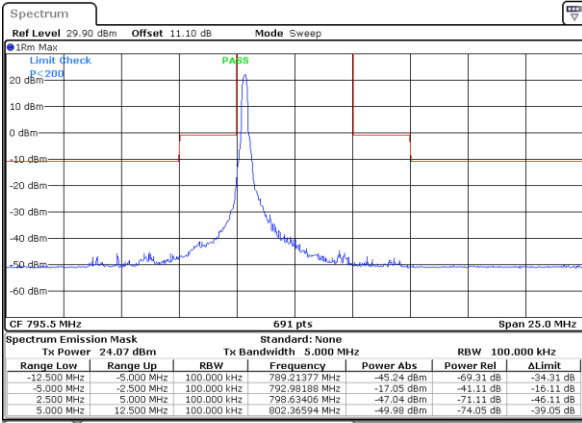


Date: 28.MAY.2024 03:56:18

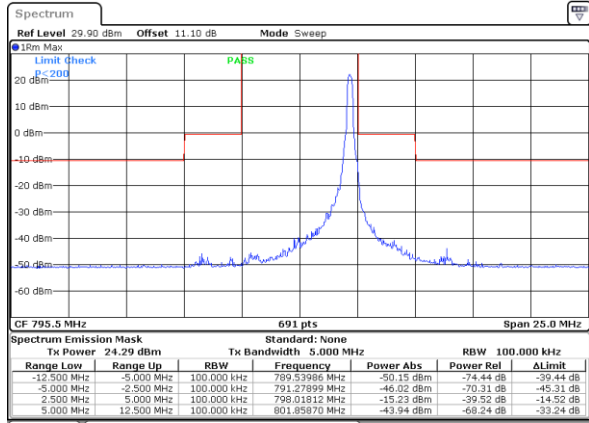


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

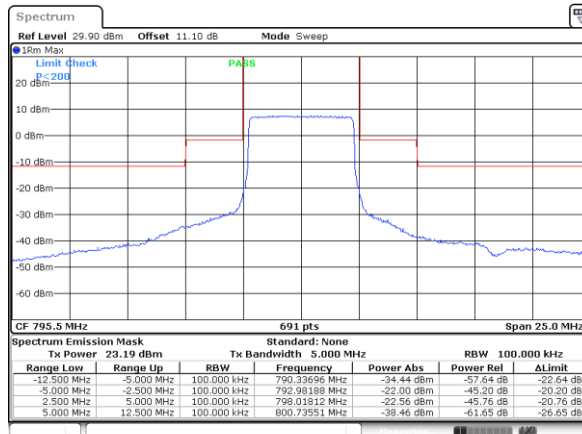


Date: 28.MAY.2024 04:01:36



Date: 28.MAY.2024 04:05:51

Highest Channel / Full RB

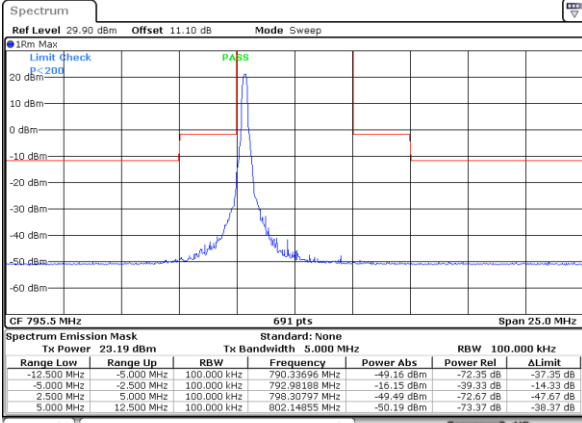


Date: 28.MAY.2024 03:57:21

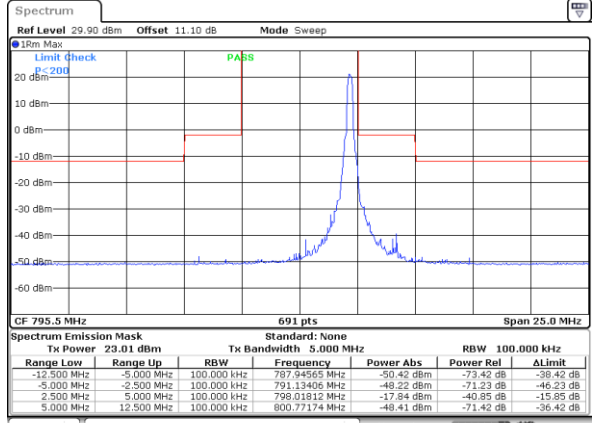


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

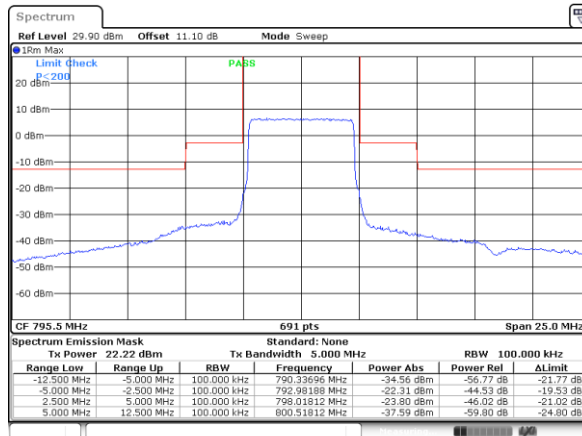


Date: 28.MAY.2024 04:02:19



Date: 28.MAY.2024 04:06:14

Highest Channel / Full RB

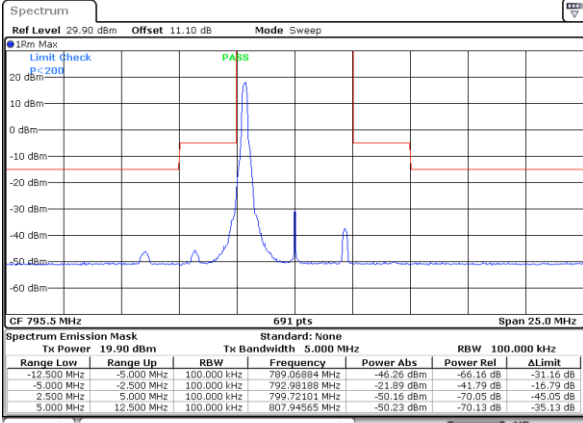


Date: 28.MAY.2024 03:58:24

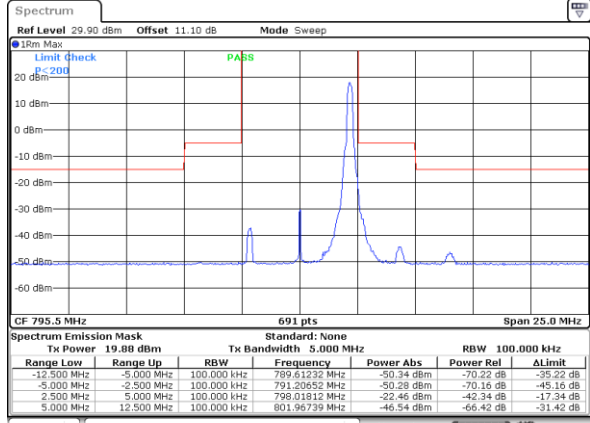


LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB

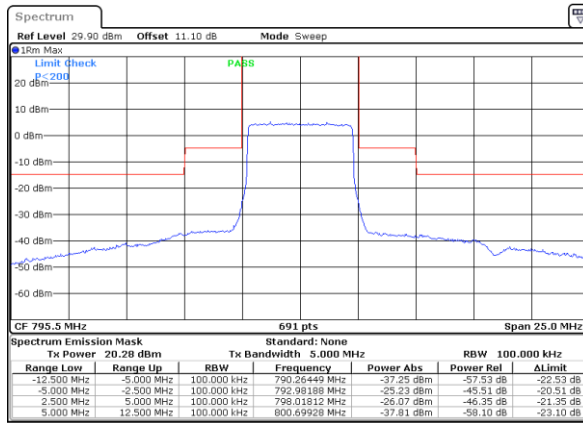


Date: 28.MAY.2024 04:03:42

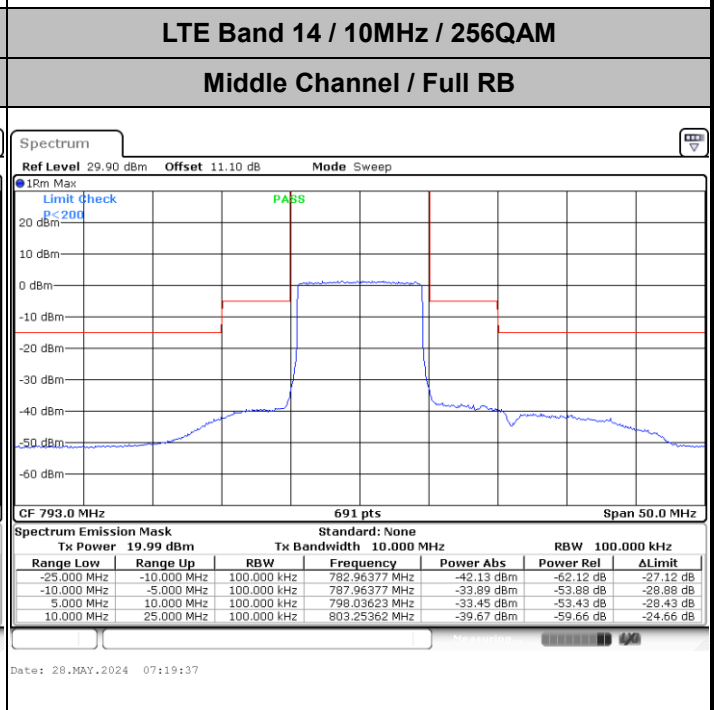
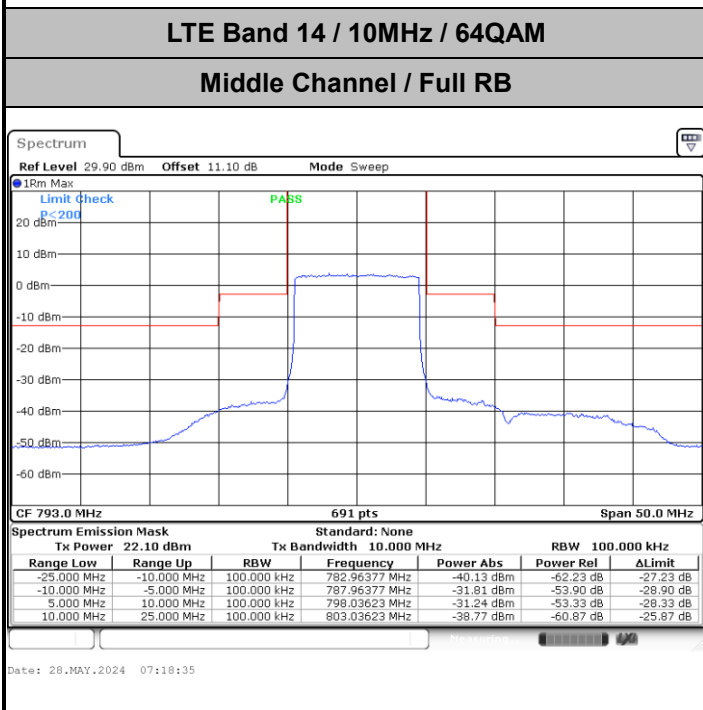
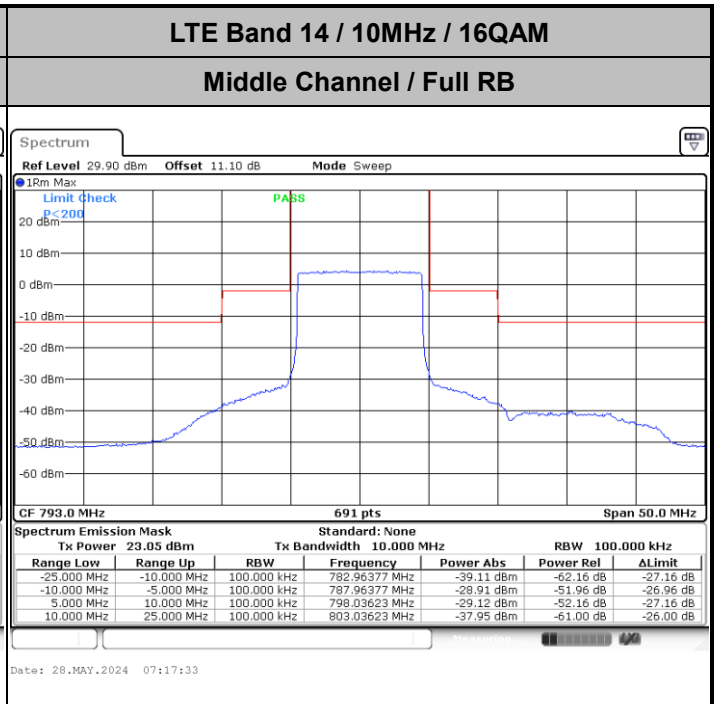
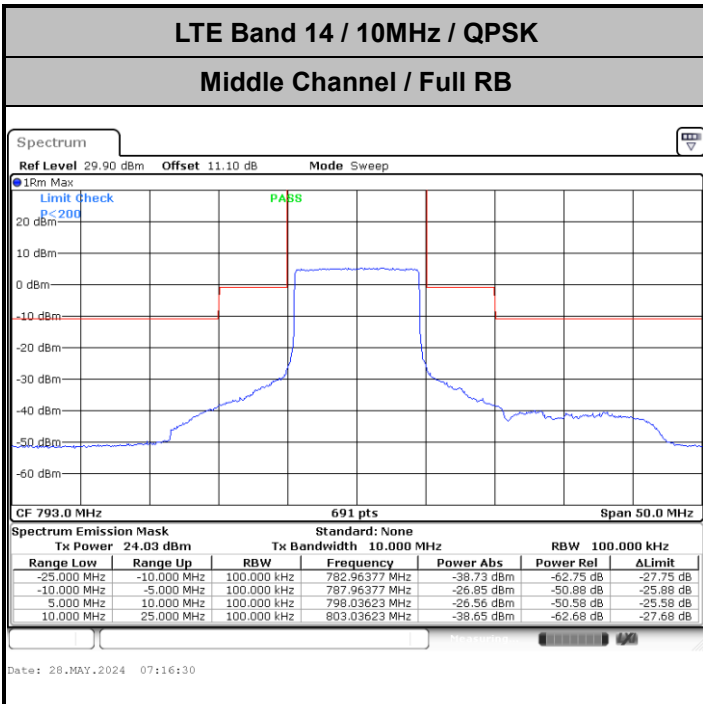


Date: 28.MAY.2024 04:07:57

Highest Channel / Full RB



Date: 28.MAY.2024 03:59:27





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	0.0049	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0049	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0115	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0149	
-30	Normal Voltage	0.0155	
20	Maximum Voltage	0.0063	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0054	

Note:

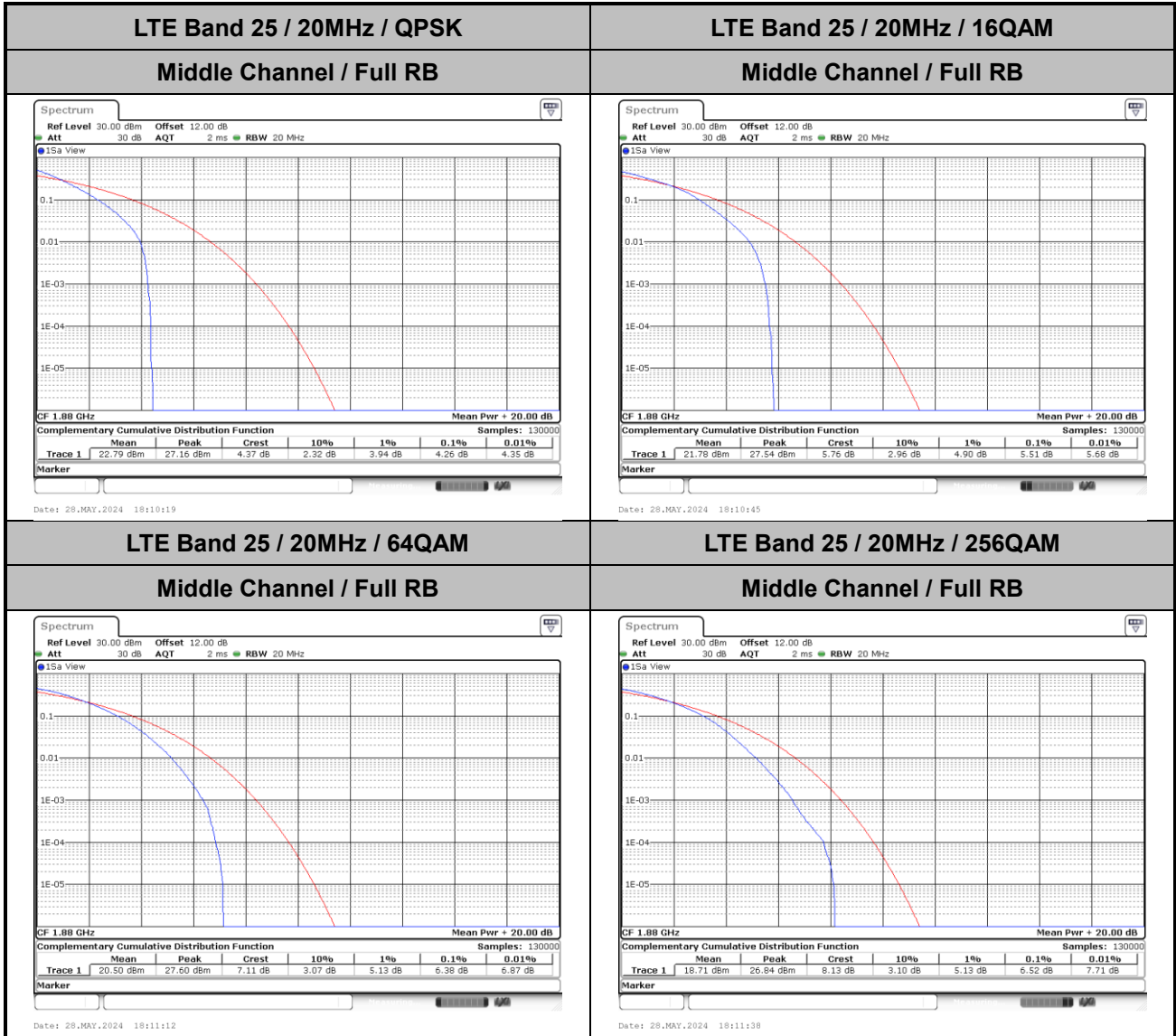
- 1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.26	5.51	6.38	6.52	PASS





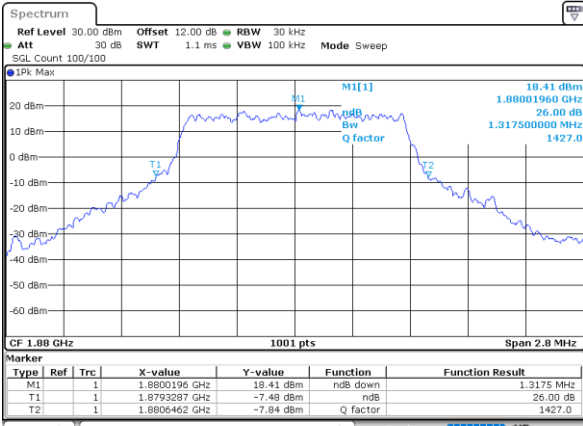
26dB Bandwidth

Mode	LTE Band 25 : 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	1.31	1.33	3.06	2.98	5.00	4.94	9.75	9.83	14.50	14.38	19.06	19.30
Mode	LTE Band 25 : 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	1.30	1.31	3.02	3.08	4.97	4.97	9.81	9.76	14.41	14.35	18.86	19.06



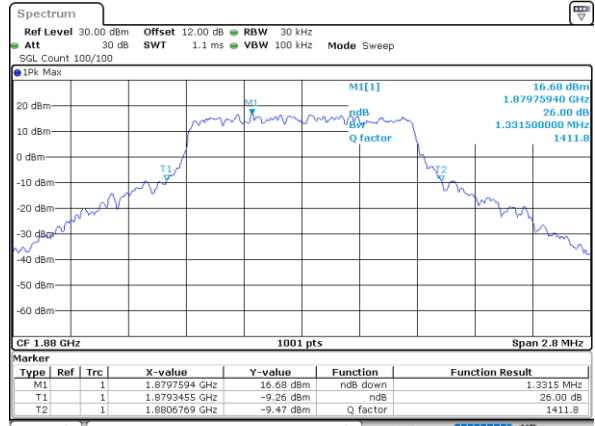
LTE Band 25

Middle Channel / 1.4MHz / QPSK



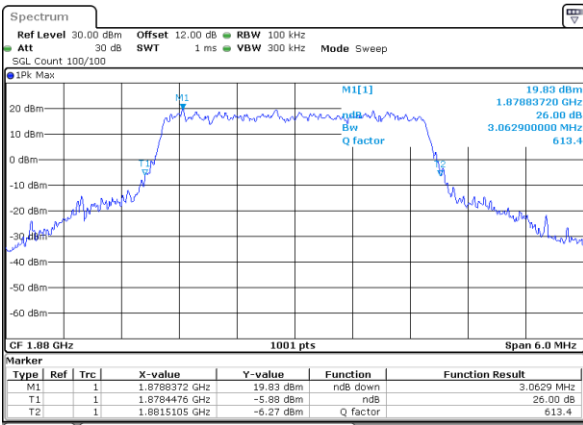
Date: 28.MAY.2024 08:23:05

Middle Channel / 1.4MHz / 16QAM



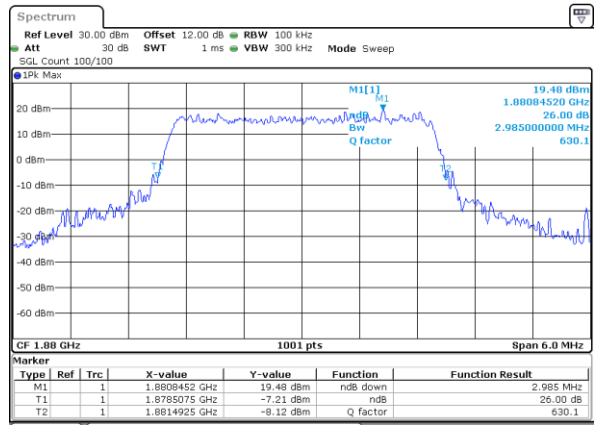
Date: 28.MAY.2024 08:23:30

Middle Channel / 3MHz / QPSK



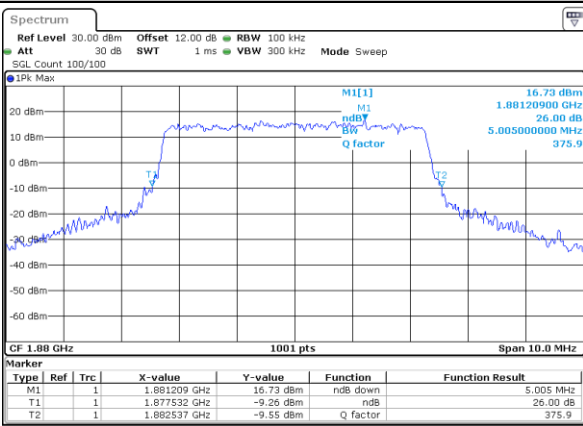
Date: 28.MAY.2024 08:37:50

Middle Channel / 3MHz / 16QAM



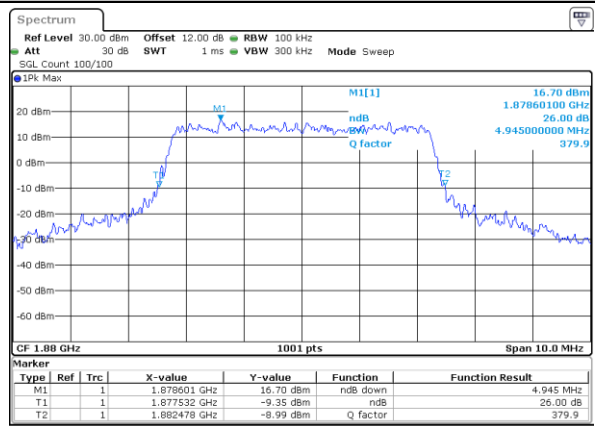
Date: 28.MAY.2024 08:38:15

Middle Channel / 5MHz / QPSK



Date: 28.MAY.2024 17:23:05

Middle Channel / 5MHz / 16QAM



Date: 28.MAY.2024 17:23:30