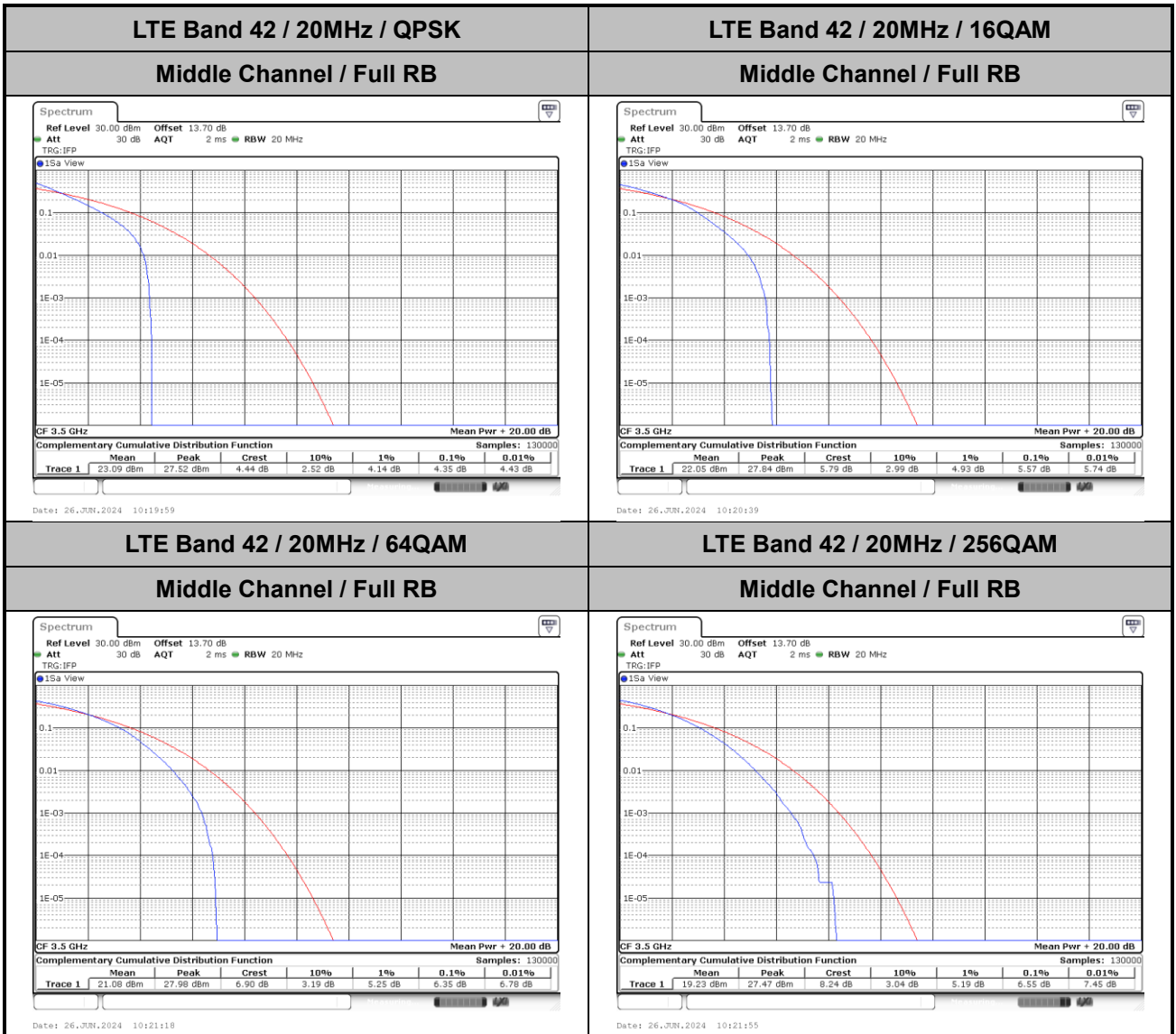




LTE Band 42_Part 27Q

Peak-to-Average Ratio

Mode	LTE Band 42 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.35	5.57	6.35	6.55	PASS





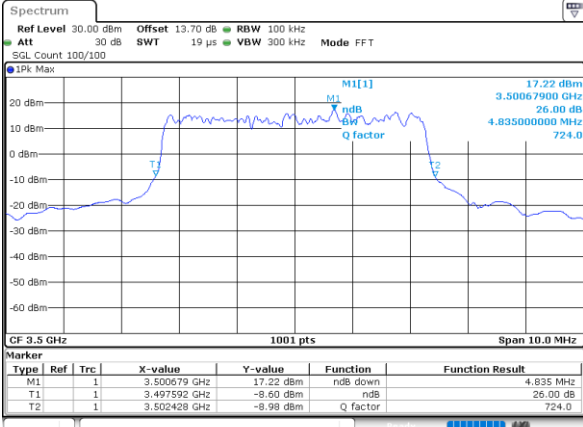
26dB Bandwidth

Mode	LTE Band 42 : 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	-	-	-	-	4.83	4.79	9.81	9.60	14.17	14.20	18.98	19.18
Mode	LTE Band 42 : 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	-	-	-	-	4.92	4.97	9.66	9.86	14.62	14.56	18.62	19.10



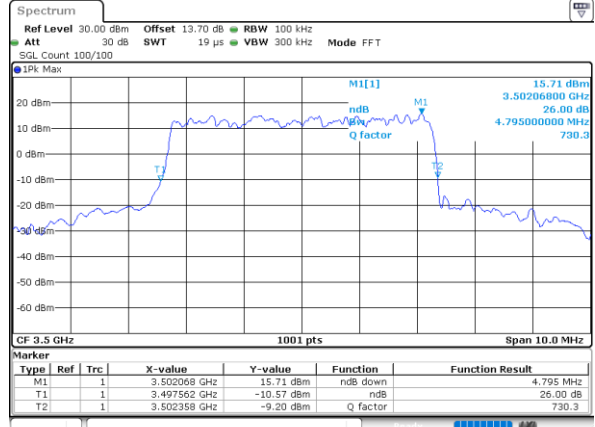
LTE Band 42

Middle Channel / 5MHz / QPSK



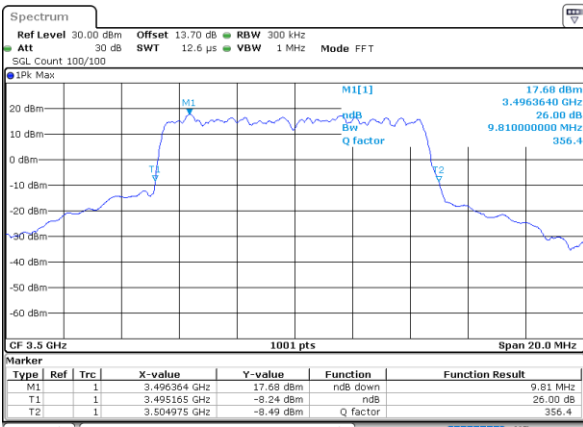
Date: 26 JUN 2024 10:03:42

Middle Channel / 5MHz / 16QAM



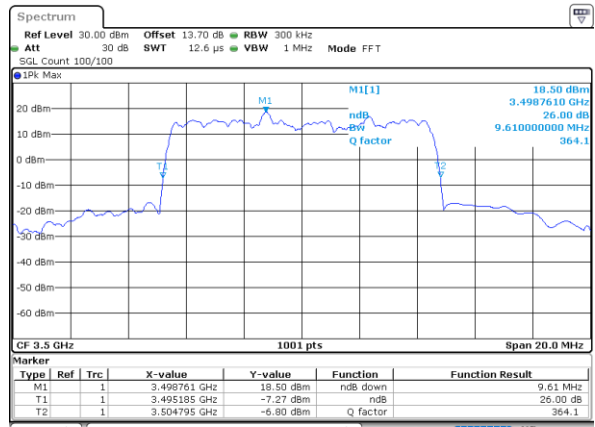
Date: 26 JUN 2024 10:04:20

Middle Channel / 10MHz / QPSK



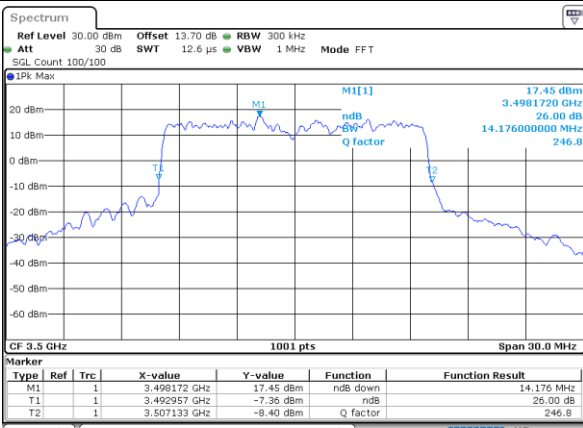
Date: 26 JUN 2024 10:08:00

Middle Channel / 10MHz / 16QAM



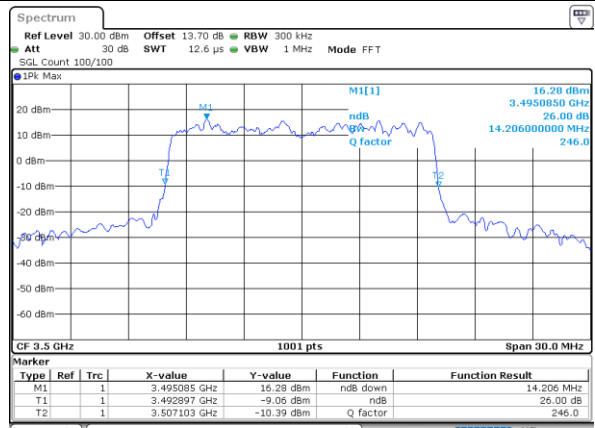
Date: 26 JUN 2024 10:08:37

Middle Channel / 15MHz / QPSK



Date: 26 JUN 2024 10:12:07

Middle Channel / 15MHz / 16QAM

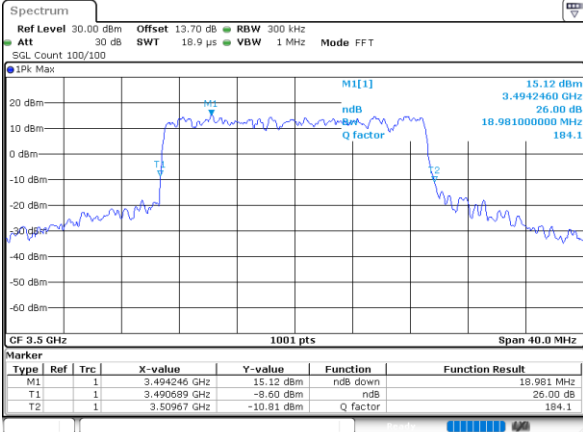


Date: 26 JUN 2024 10:12:44



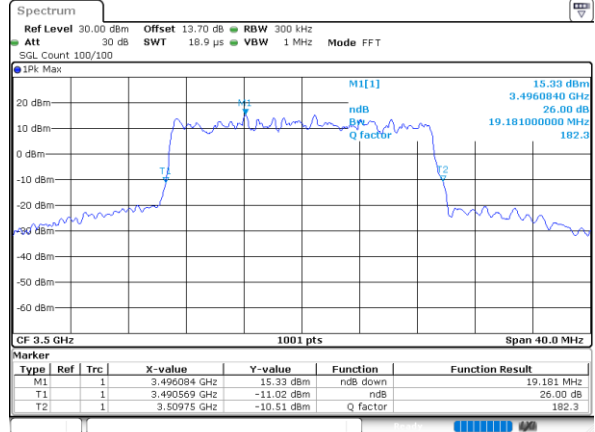
LTE Band 42

Middle Channel / 20MHz / QPSK



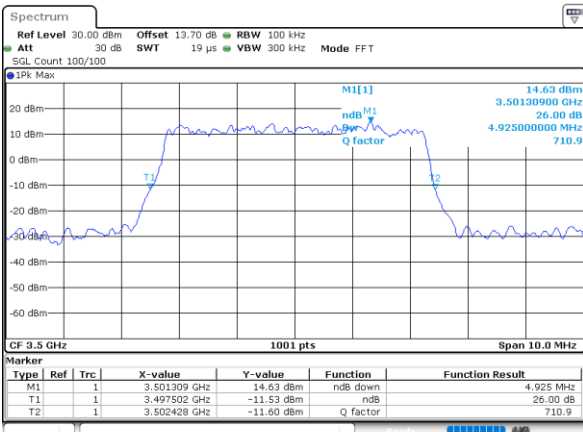
Date: 26 JUN 2024 10:16:14

Middle Channel / 20MHz / 16QAM



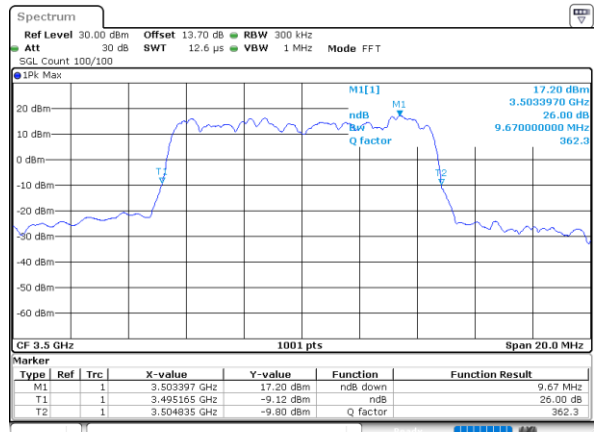
Date: 26 JUN 2024 10:16:52

Middle Channel / 5MHz / 64QAM



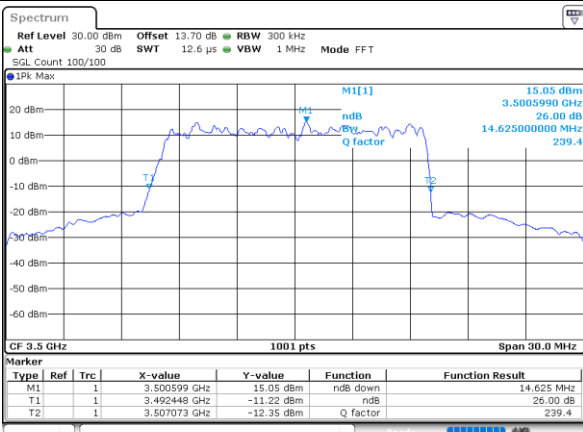
Date: 26 JUN 2024 10:05:49

Middle Channel / 10MHz / 64QAM



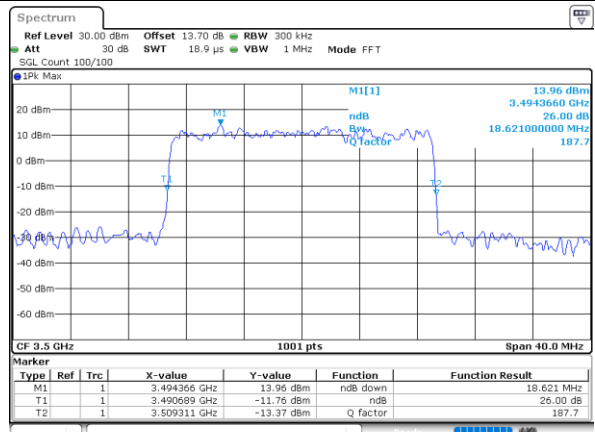
Date: 26 JUN 2024 10:10:01

Middle Channel / 15MHz / 64QAM



Date: 26 JUN 2024 10:14:06

Middle Channel / 20MHz / 64QAM

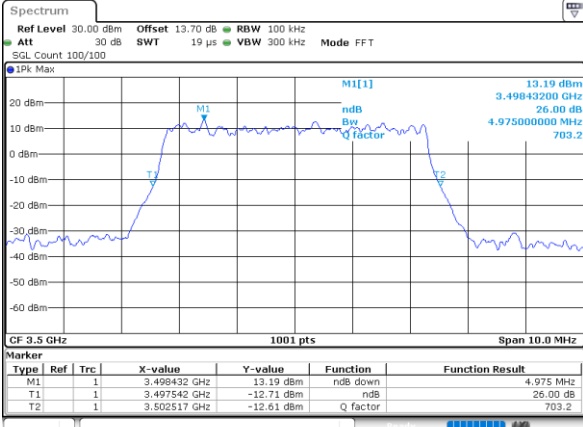


Date: 26 JUN 2024 10:18:17



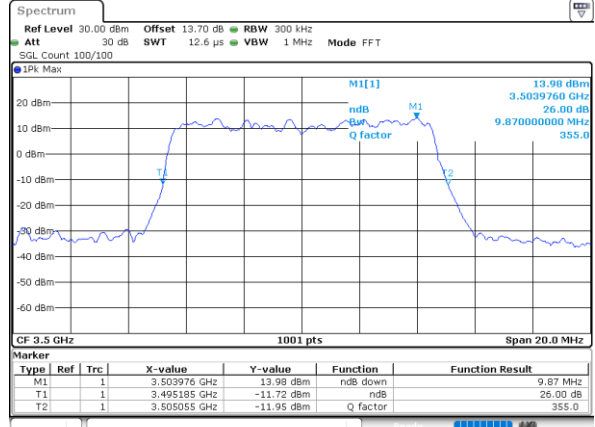
LTE Band 42

Middle Channel / 5MHz / 256QAM



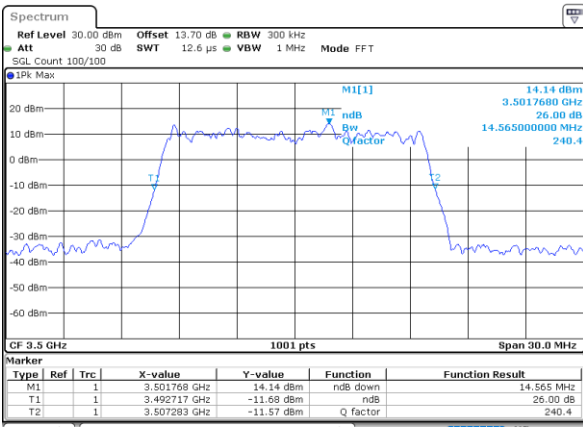
Date: 26 JUN 2024 10:10:27

Middle Channel / 10MHz / 256QAM



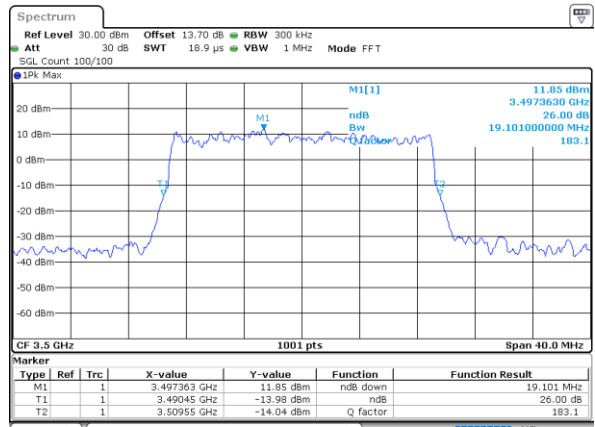
Date: 26 JUN 2024 10:11:38

Middle Channel / 15MHz / 256QAM



Date: 26 JUN 2024 10:14:43

Middle Channel / 20MHz / 256QAM



Date: 26 JUN 2024 10:18:57



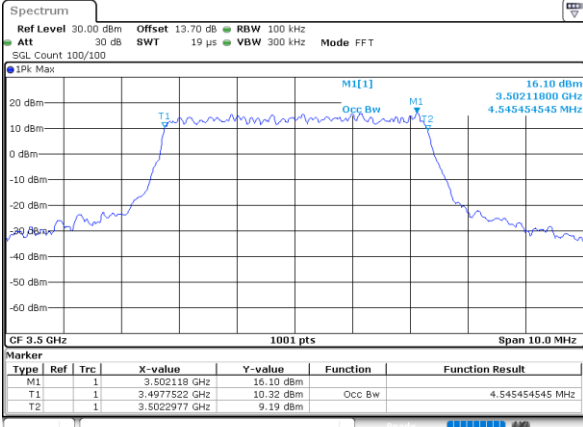
Occupied Bandwidth

Mode	LTE Band 42 : 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	-	-	-	-	4.54	4.46	8.93	9.11	13.42	13.51	17.90	17.86
Mode	LTE Band 42 : 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	-	-	-	-	4.46	4.49	9.01	9.03	13.54	13.42	17.82	17.98



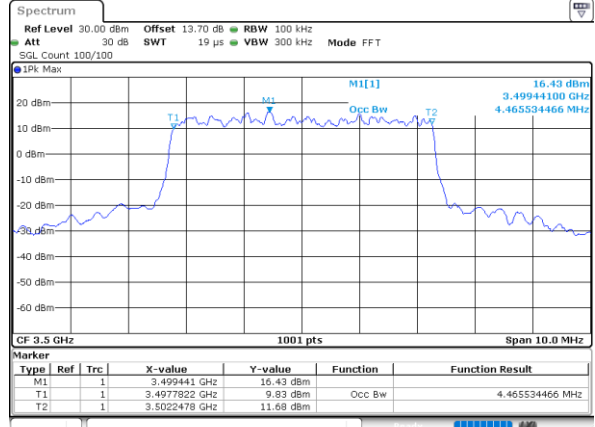
LTE Band 42

Middle Channel / 5MHz / QPSK



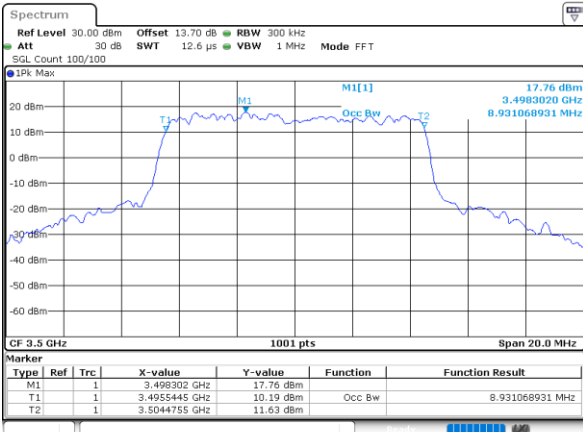
Date: 26 JUN 2024 10:03:20

Middle Channel / 5MHz / 16QAM



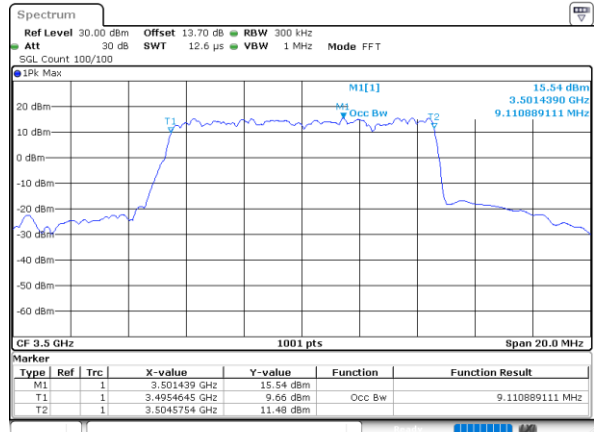
Date: 26 JUN 2024 10:04:45

Middle Channel / 10MHz / QPSK



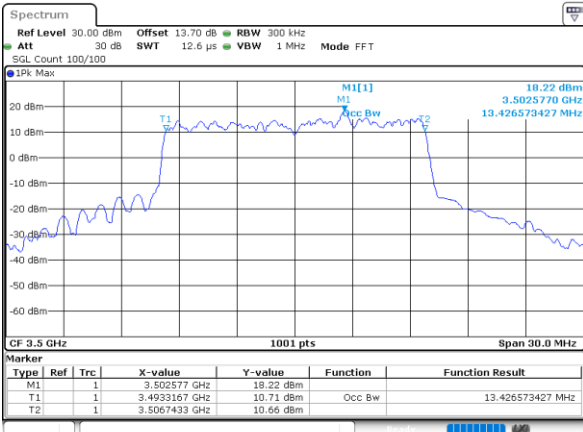
Date: 26 JUN 2024 10:07:34

Middle Channel / 10MHz / 16QAM



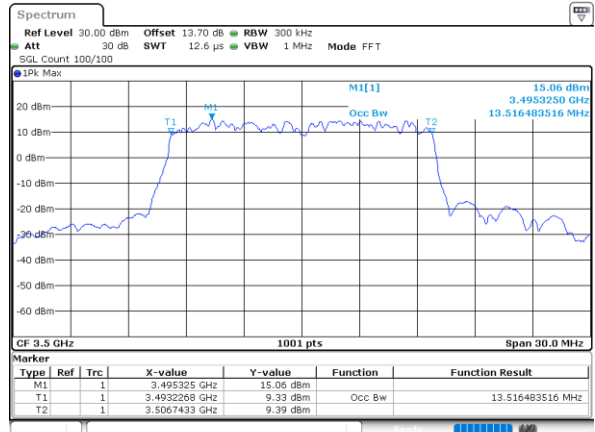
Date: 26 JUN 2024 10:09:01

Middle Channel / 15MHz / QPSK



Date: 26 JUN 2024 10:11:44

Middle Channel / 15MHz / 16QAM

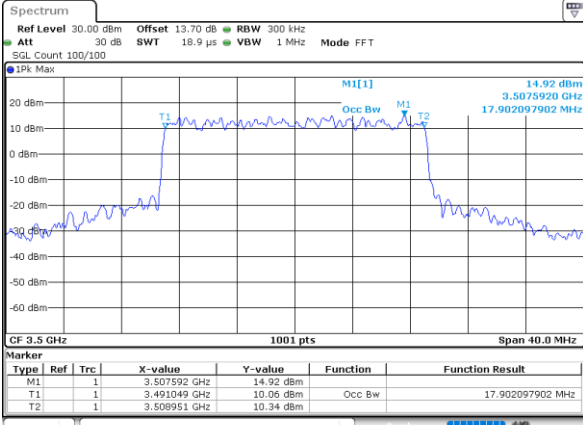


Date: 26 JUN 2024 10:13:07



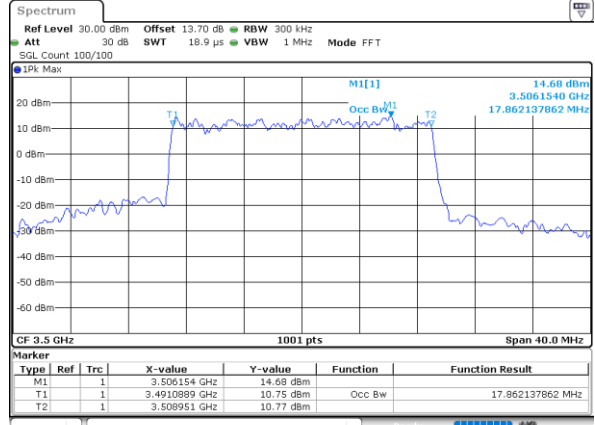
LTE Band 42

Middle Channel / 20MHz / QPSK



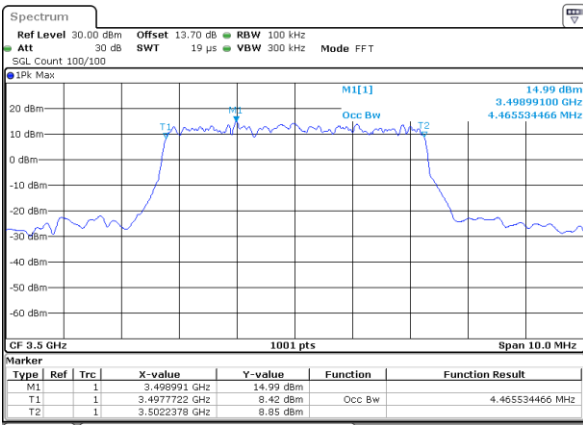
Date: 26 JUN 2024 10:15:49

Middle Channel / 20MHz / 16QAM



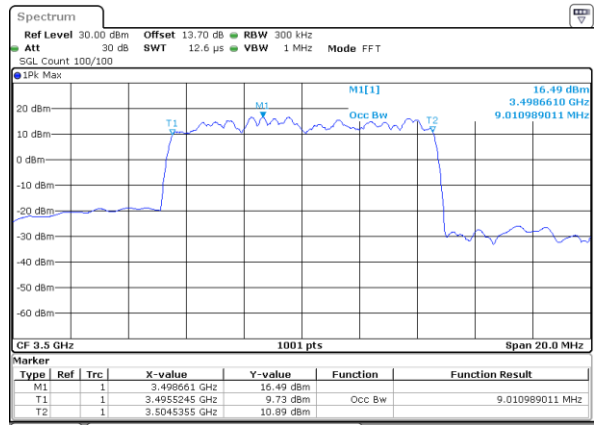
Date: 26 JUN 2024 10:17:17

Middle Channel / 5MHz / 64QAM



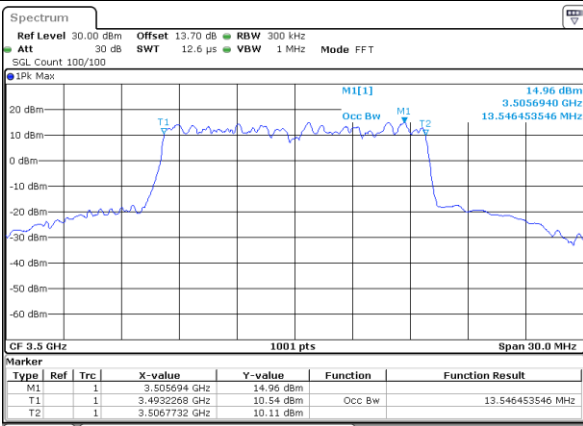
Date: 26 JUN 2024 10:05:24

Middle Channel / 10MHz / 64QAM



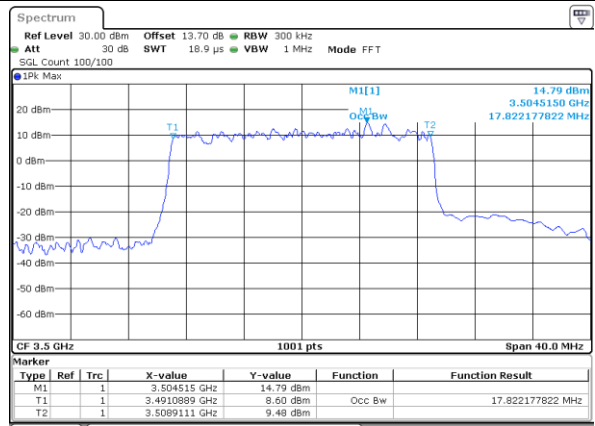
Date: 26 JUN 2024 10:09:39

Middle Channel / 15MHz / 64QAM



Date: 26 JUN 2024 10:13:45

Middle Channel / 20MHz / 64QAM

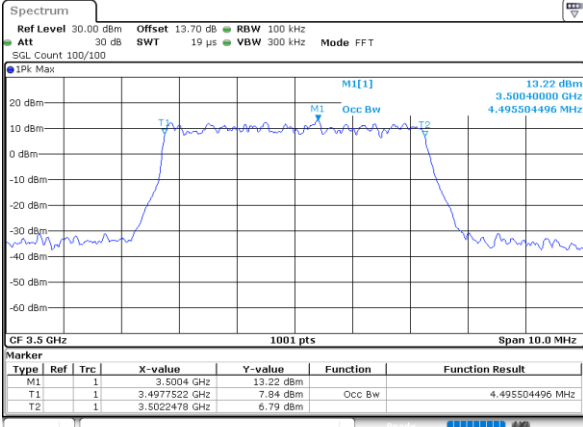


Date: 26 JUN 2024 10:17:55



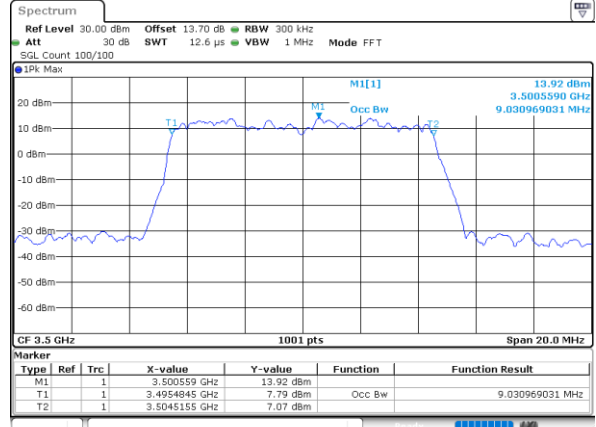
LTE Band 42

Middle Channel / 5MHz / 256QAM



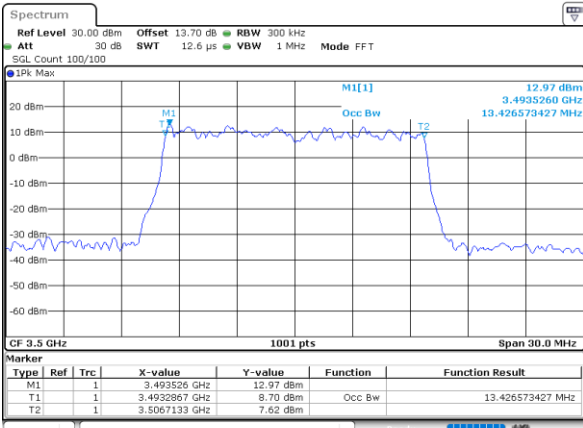
Date: 26 JUN 2024 10:06:49

Middle Channel / 10MHz / 256QAM



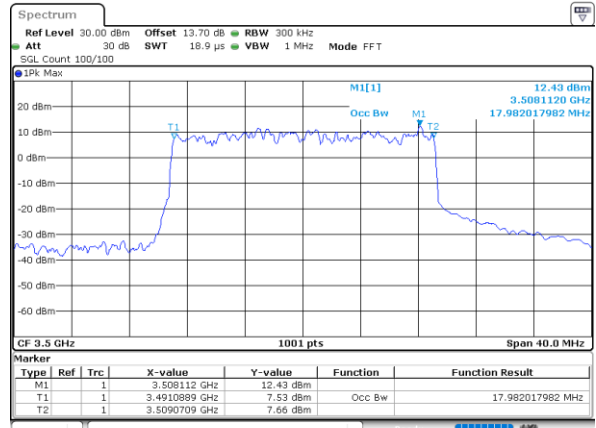
Date: 26 JUN 2024 10:11:01

Middle Channel / 15MHz / 256QAM



Date: 26 JUN 2024 10:15:06

Middle Channel / 20MHz / 256QAM



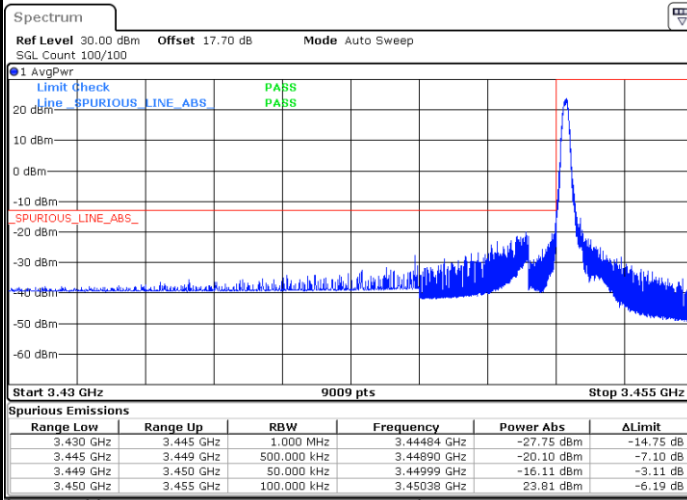
Date: 26 JUN 2024 10:19:20



Conducted Band Edge

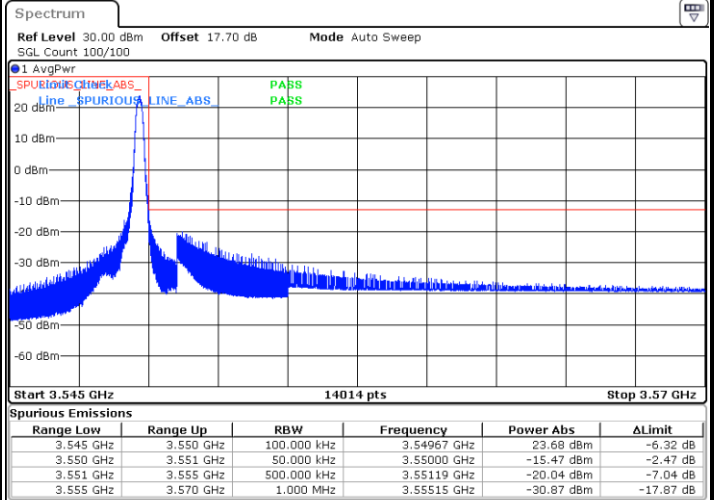
LTE Band 42 / 5MHz / QPSK

Lowest Band Edge / 1 RB



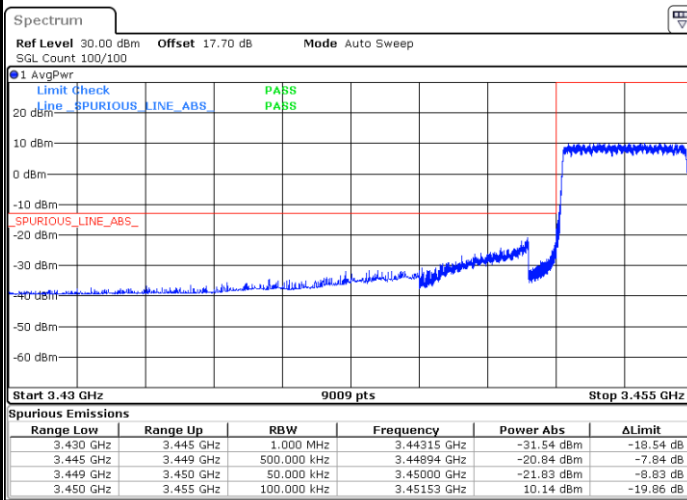
Date: 26 JUN 2024 09:16:32

Highest Band Edge / 1 RB



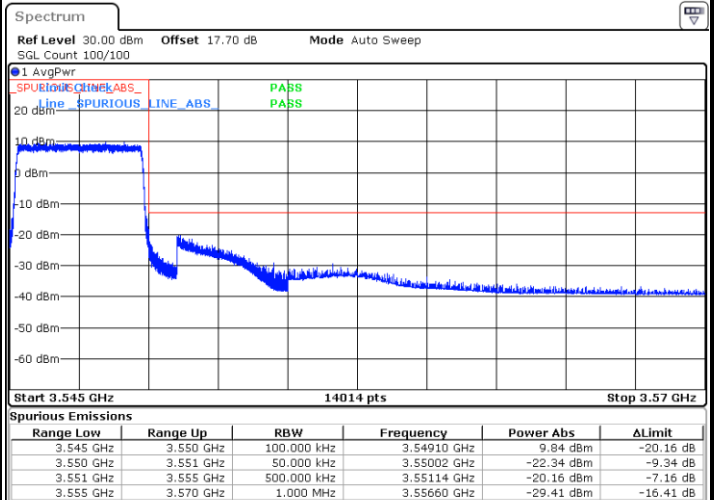
Date: 26 JUN 2024 09:24:58

Lowest Band Edge / Full RB



Date: 26 JUN 2024 09:20:43

Highest Band Edge / Full RB

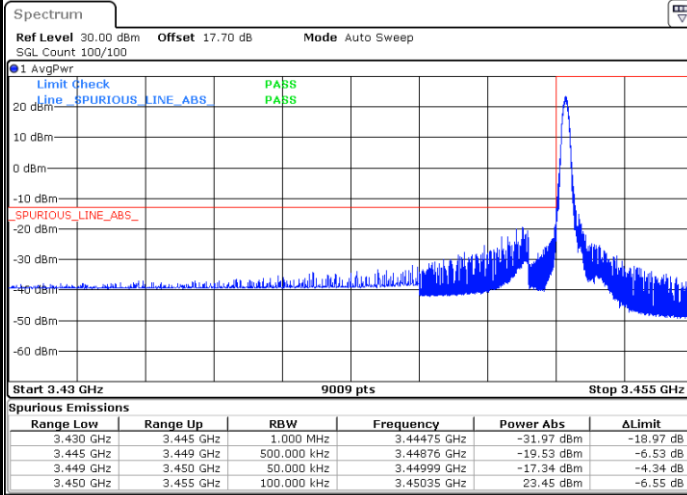


Date: 26 JUN 2024 09:29:13



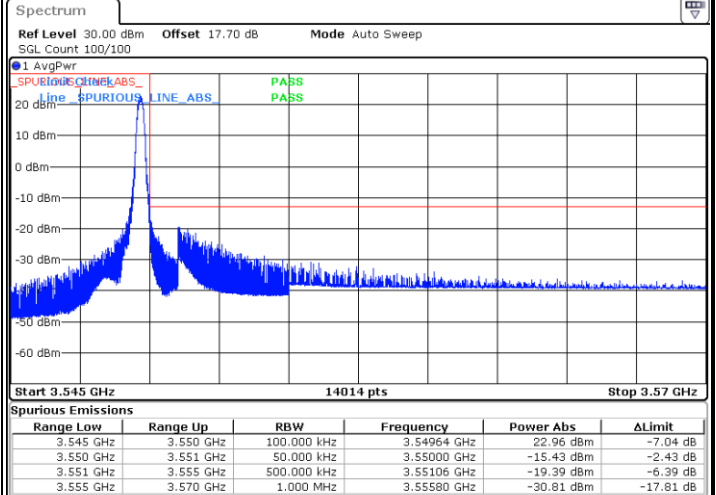
LTE Band 42 / 5MHz / 16QAM

Lowest Band Edge / 1RB



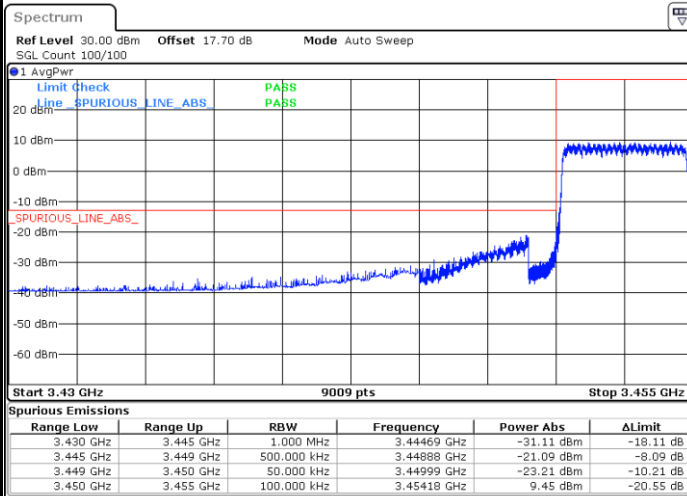
Date: 26 JUN 2024 09:17:34

Highest Band Edge / 1 RB



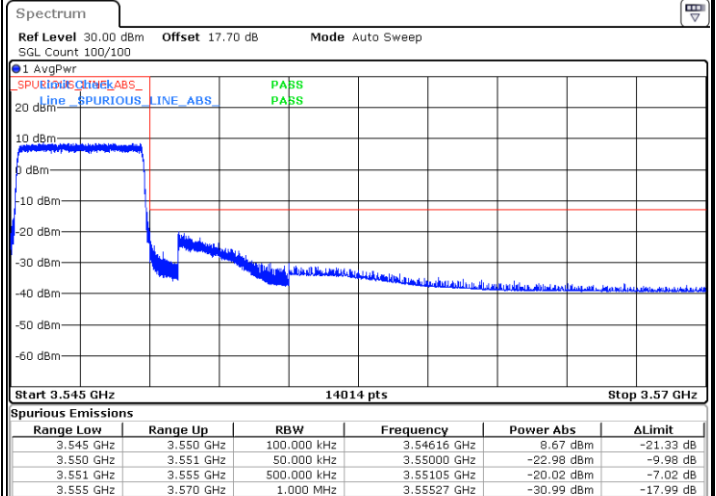
Date: 26 JUN 2024 09:26:00

Lowest Band Edge / Full RB



Date: 26 JUN 2024 09:21:44

Highest Band Edge / Full RB

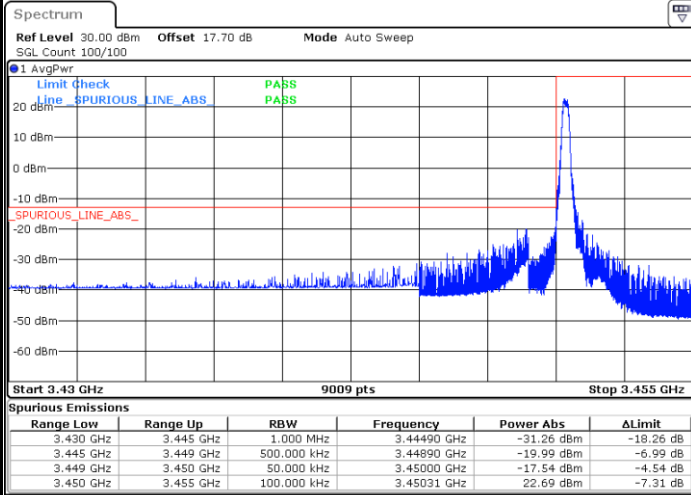


Date: 26 JUN 2024 09:30:16



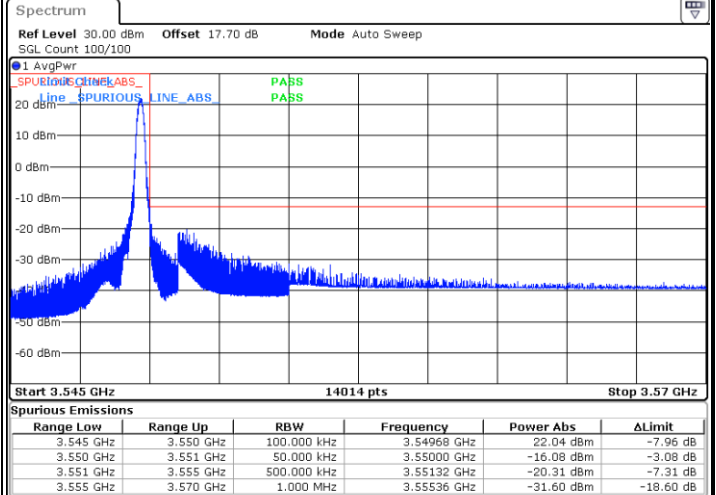
LTE Band 42 / 5MHz / 64QAM

Lowest Band Edge / 1RB



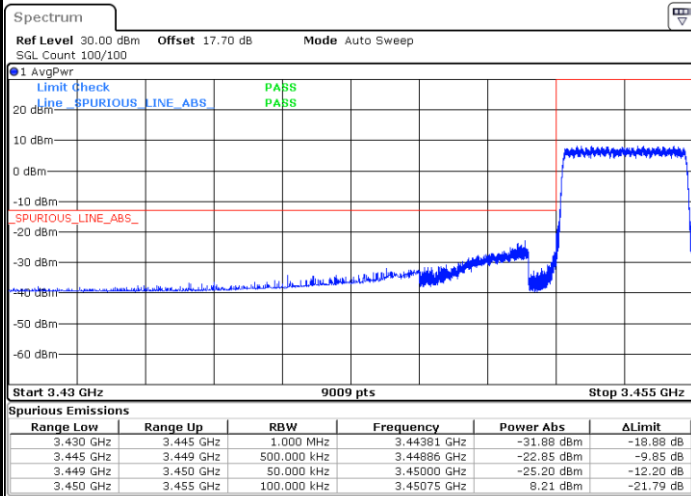
Date: 26 JUN 2024 09:18:36

Highest Band Edge / 1 RB



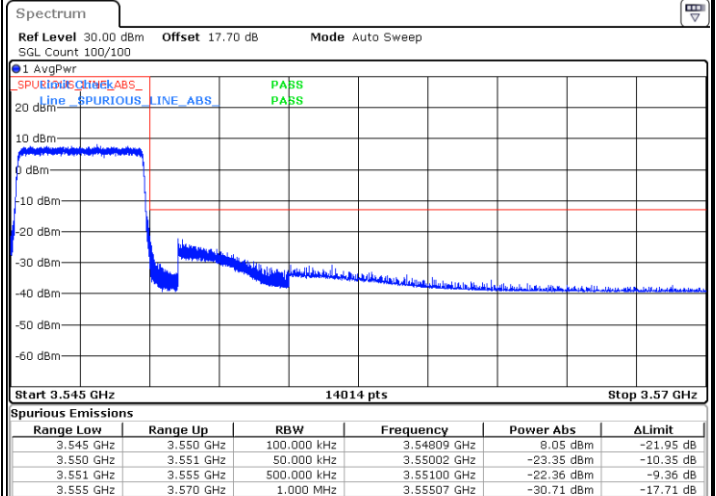
Date: 26 JUN 2024 09:27:03

Lowest Band Edge / Full RB



Date: 26 JUN 2024 09:22:49

Highest Band Edge / Full RB

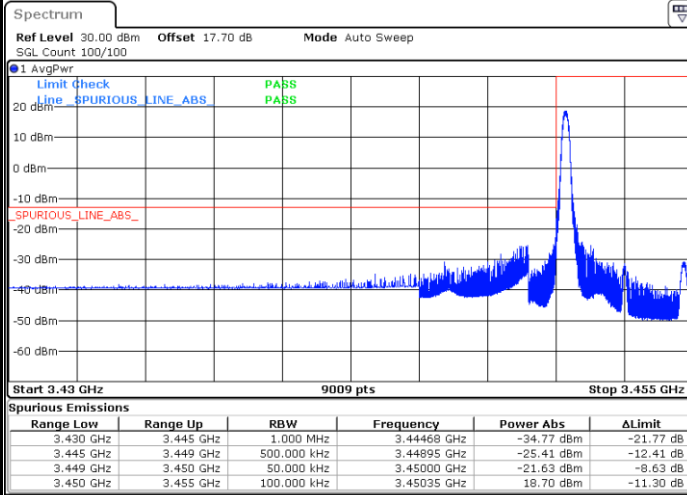


Date: 26 JUN 2024 09:31:18



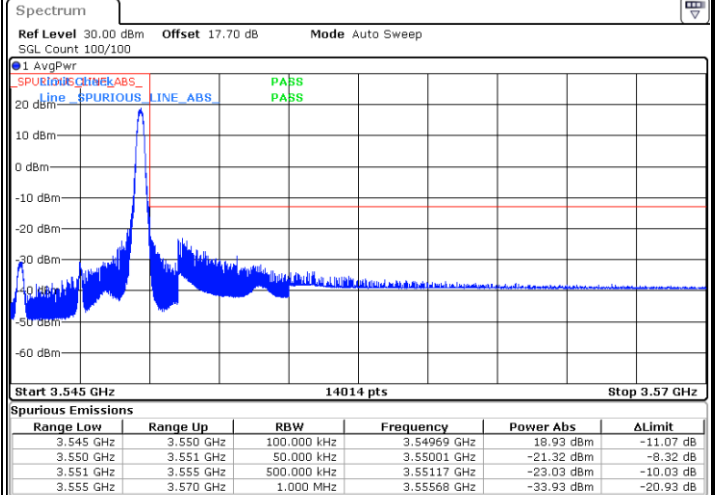
LTE Band 42 / 5MHz / 256QAM

Lowest Band Edge / 1RB



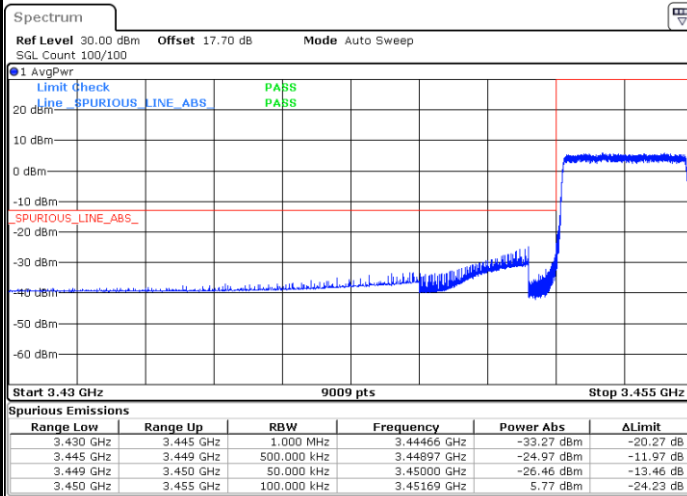
Date: 26 JUN 2024 09:19:38

Highest Band Edge / 1 RB



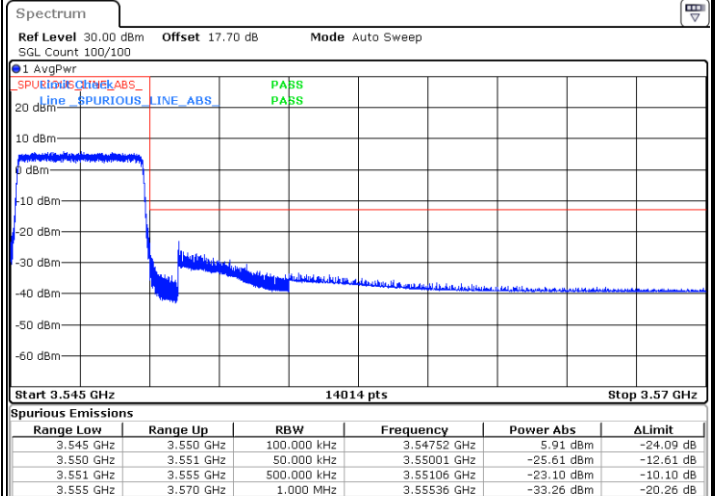
Date: 26 JUN 2024 09:28:08

Lowest Band Edge / Full RB



Date: 26 JUN 2024 09:23:52

Highest Band Edge / Full RB



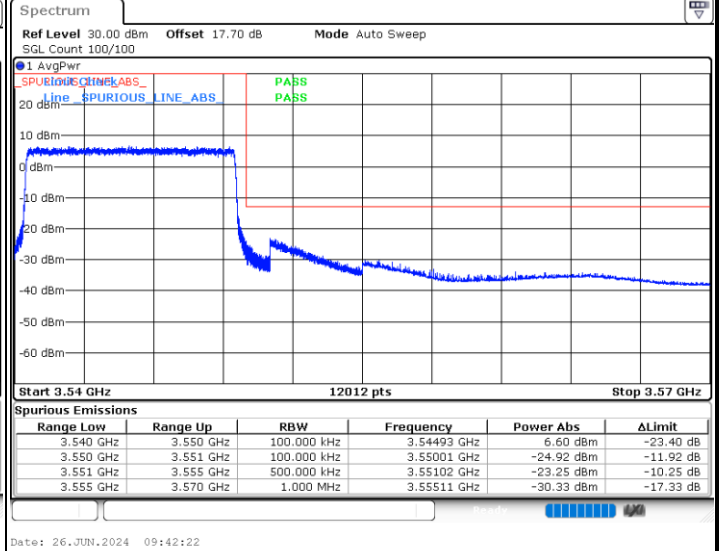
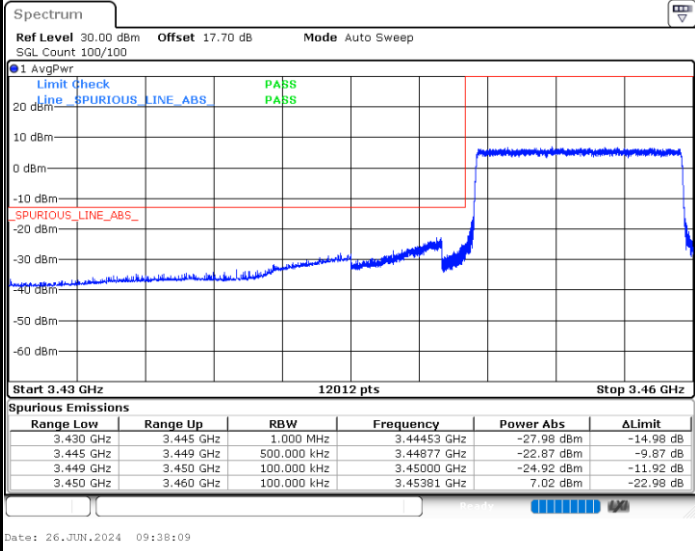
Date: 26 JUN 2024 09:32:22



LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / Full RB

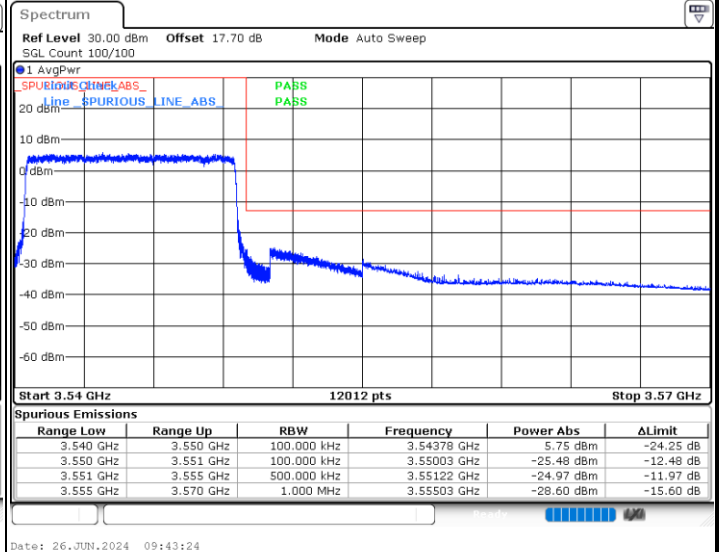
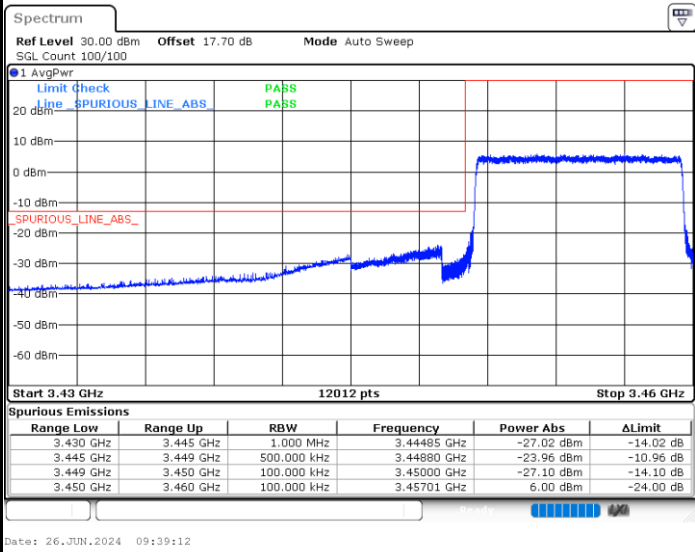
Highest Band Edge / Full RB



TE Band 42 / 10MHz / 16QAM

Lowest Band Edge / Full RB

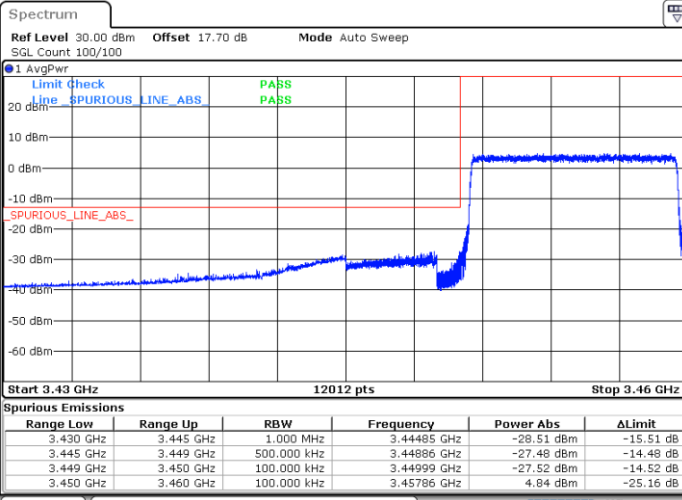
Highest Band Edge / Full RB





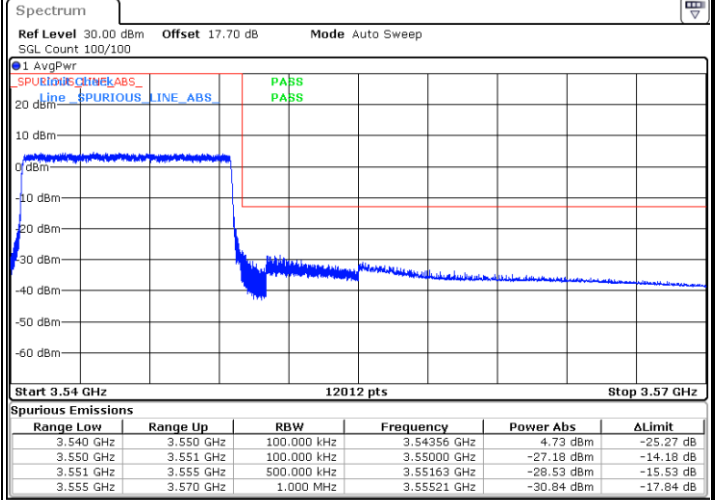
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.JUN.2024 09:40:14

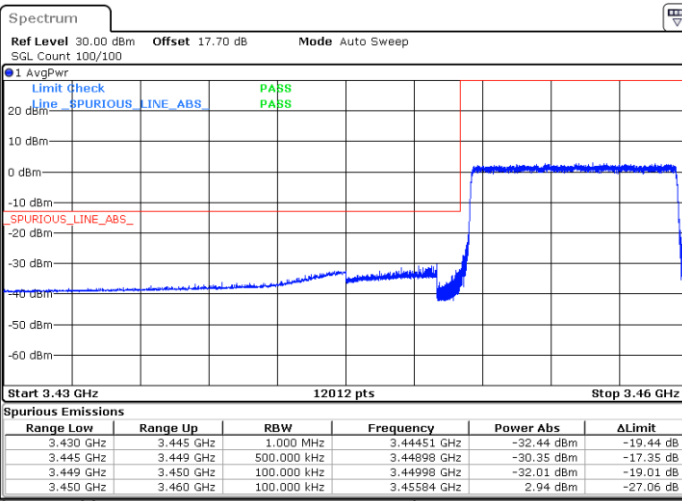
Highest Band Edge / Full RB



Date: 26.JUN.2024 09:44:26

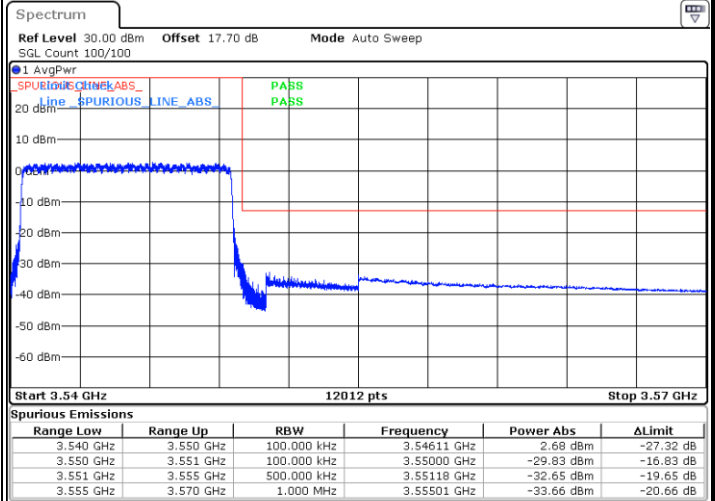
LTE Band 42 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.JUN.2024 09:41:18

Highest Band Edge / Full RB

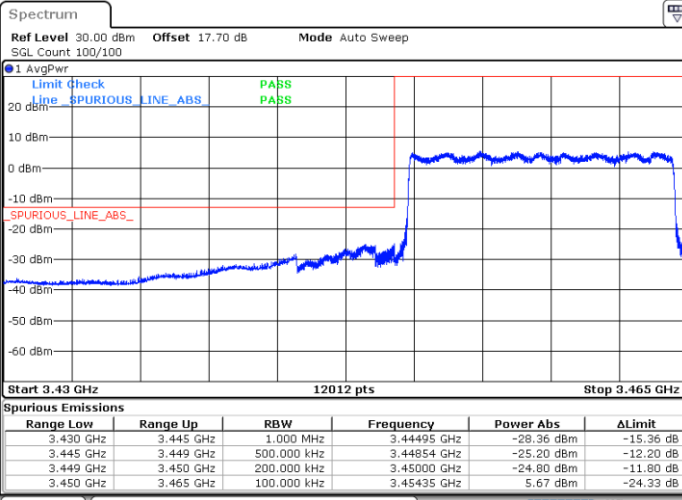


Date: 26.JUN.2024 09:45:29



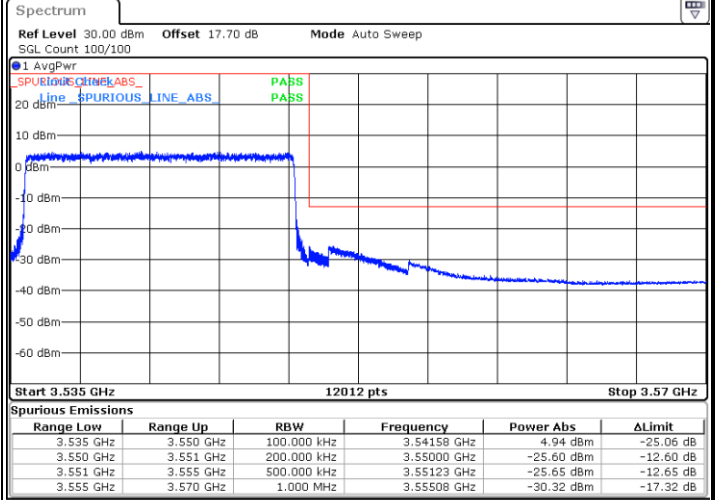
LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 26 JUN 2024 09:46:37

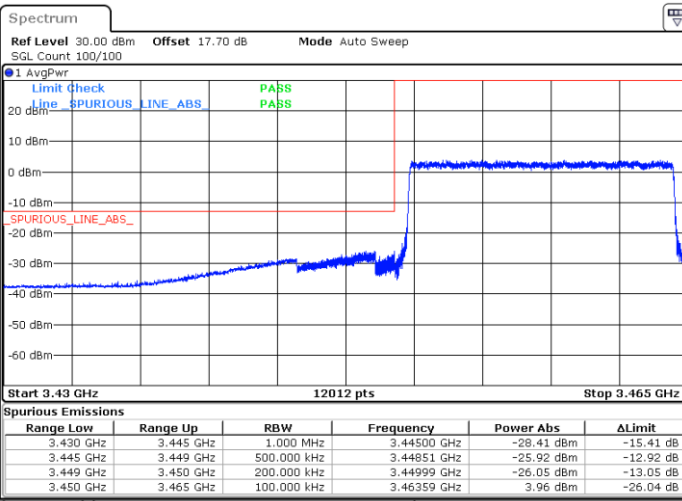
Highest Band Edge / Full RB



Date: 26 JUN 2024 09:50:47

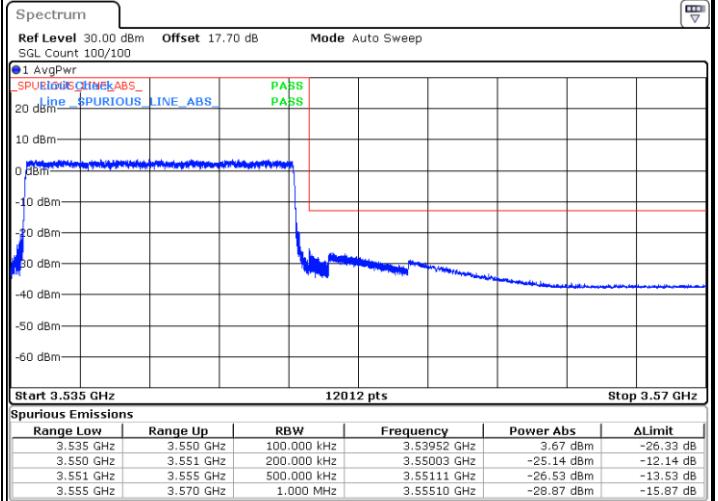
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 26 JUN 2024 09:47:39

Highest Band Edge / Full RB

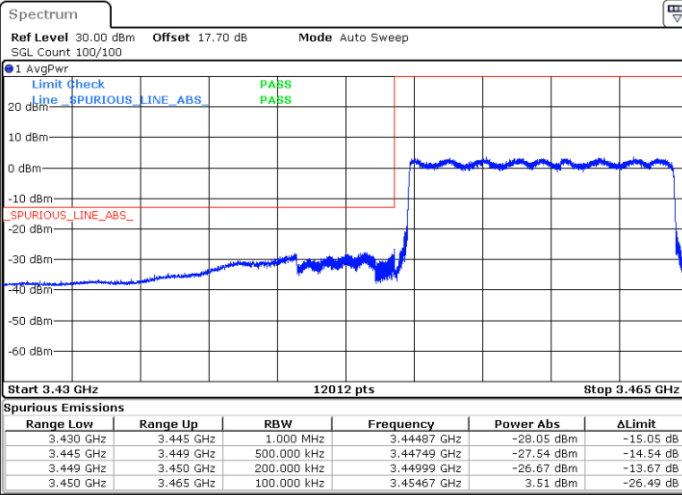


Date: 26 JUN 2024 09:51:51



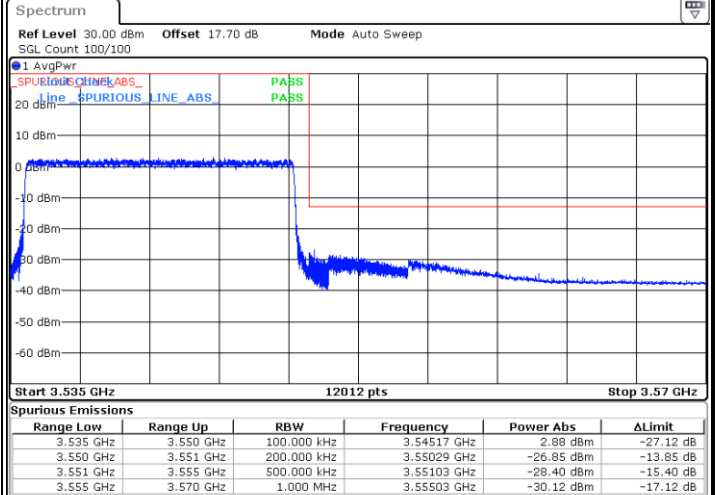
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26 JUN 2024 09:48:41

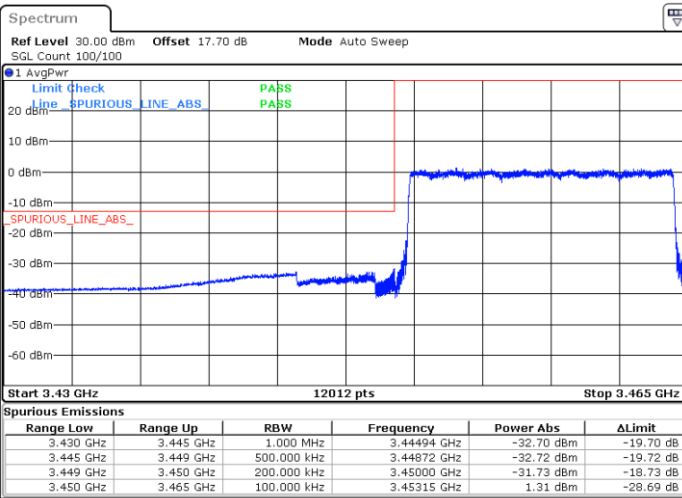
Highest Band Edge / Full RB



Date: 26 JUN 2024 09:52:54

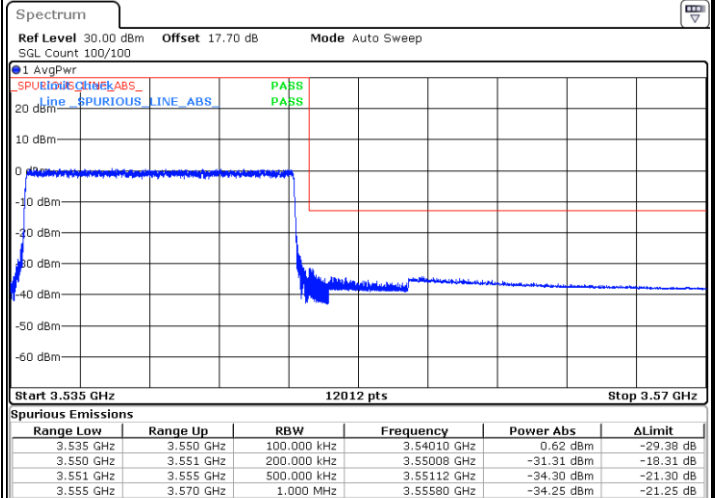
LTE Band 42 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26 JUN 2024 09:49:43

Highest Band Edge / Full RB



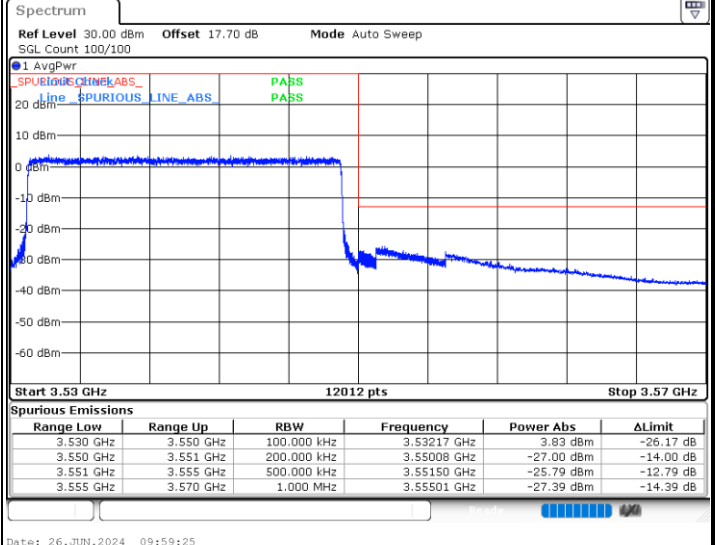
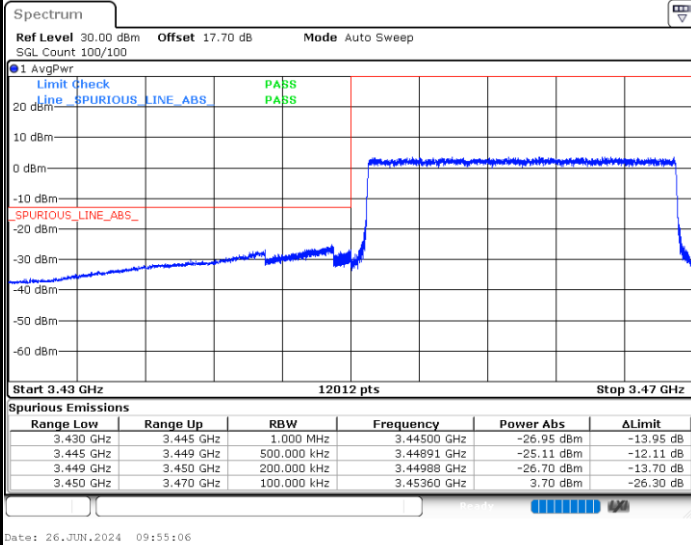
Date: 26 JUN 2024 09:53:58



LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / Full RB

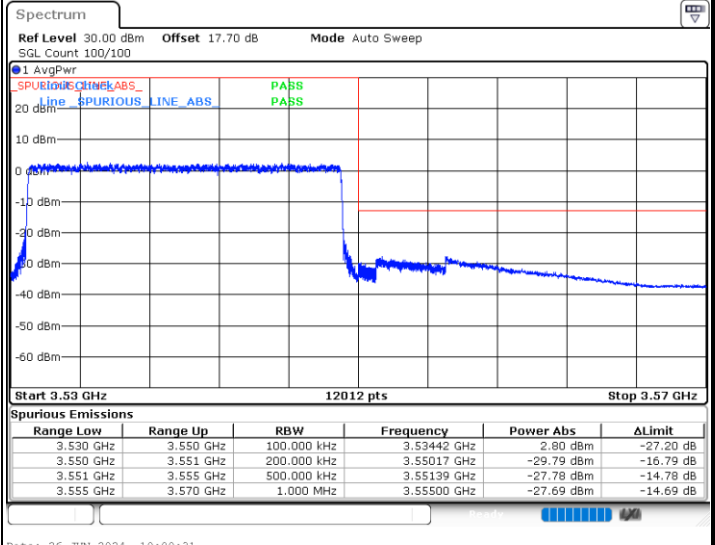
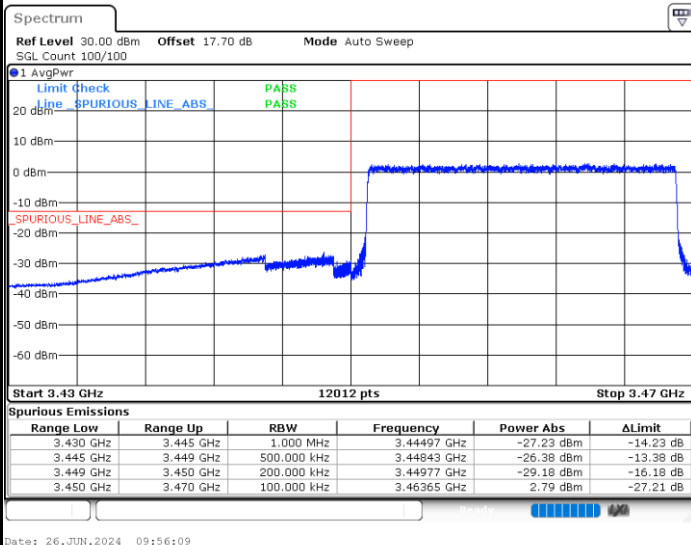
Highest Band Edge / Full RB



LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / Full RB

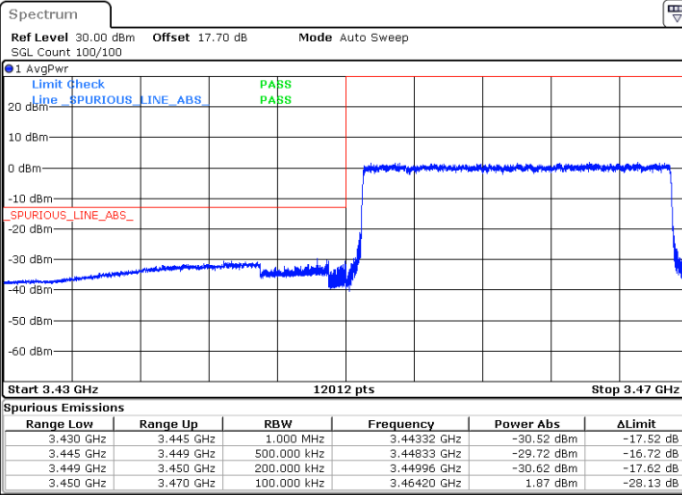
Highest Band Edge / Full RB





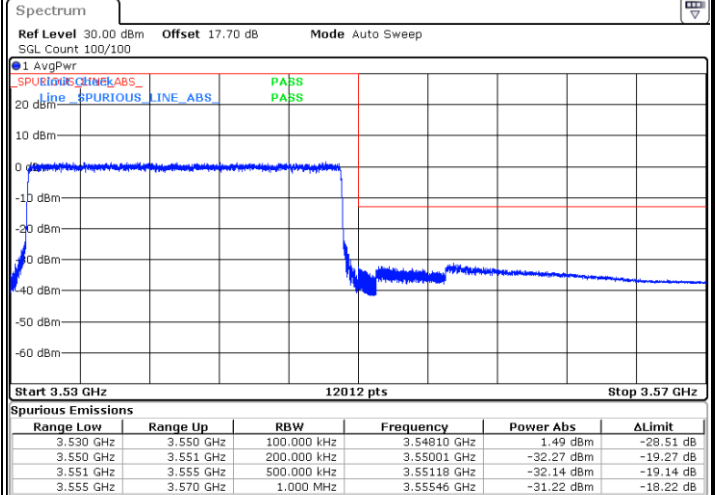
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 26.JUN.2024 09:57:11

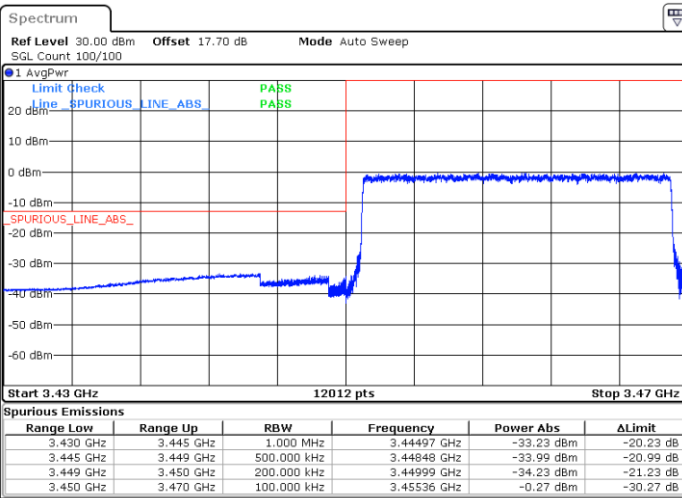
Highest Band Edge / Full RB



Date: 26.JUN.2024 10:01:33

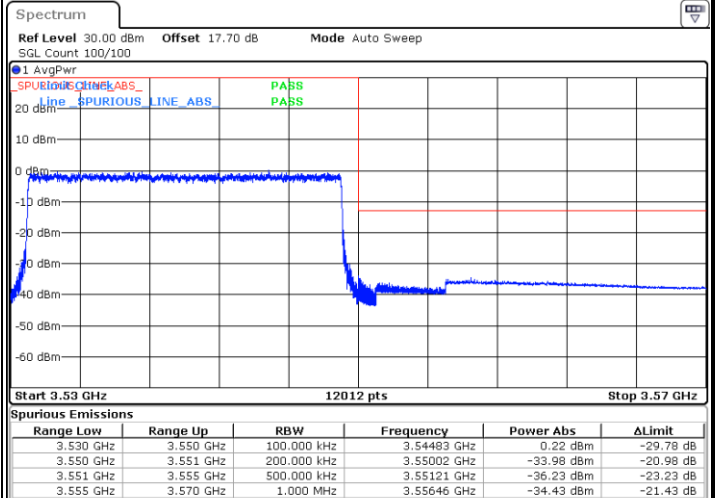
LTE Band 42 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 26.JUN.2024 09:58:20

Highest Band Edge / Full RB



Date: 26.JUN.2024 10:02:36

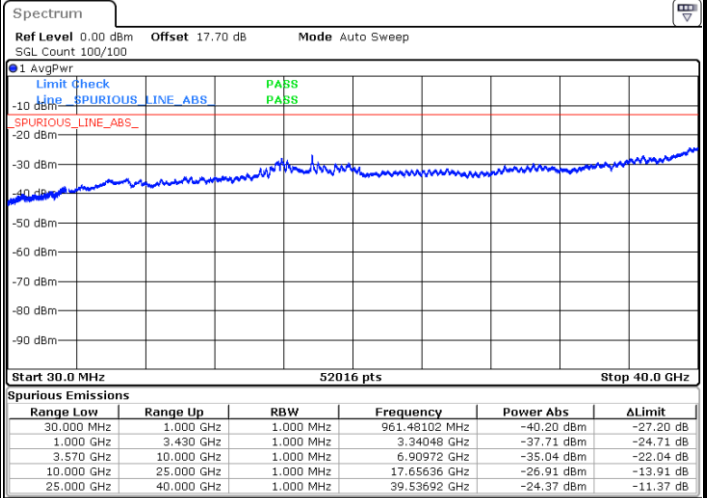
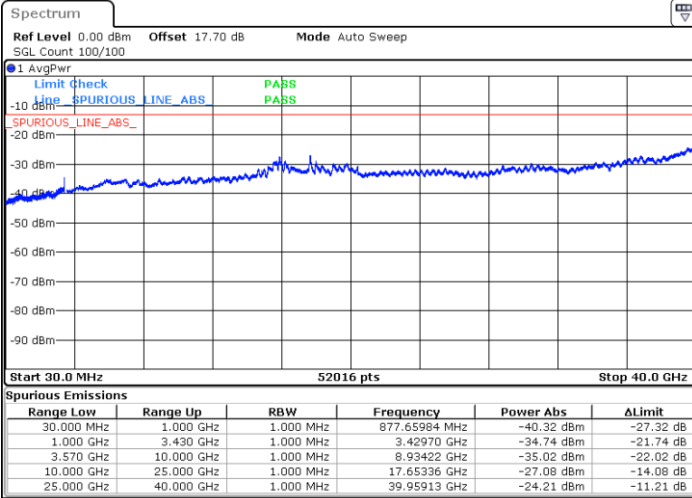


Conducted Spurious Emission

LTE Band 42 / 5MHz

Lowest Channel / QPSK

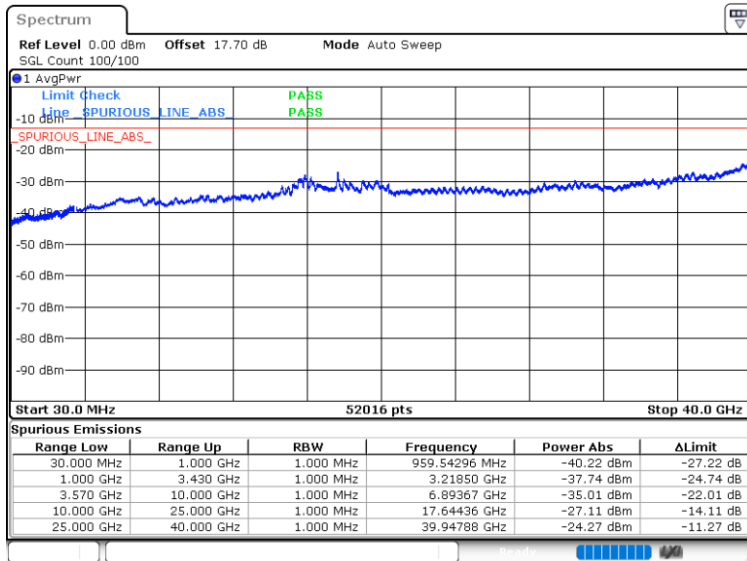
Middle Channel / QPSK



Date: 26 JUN 2024 09:33:57

Date: 26 JUN 2024 09:35:29

Highest Channel / QPSK



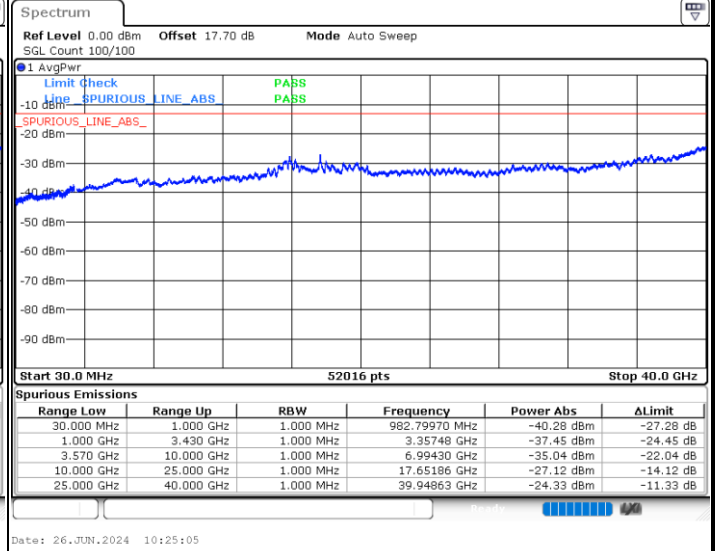
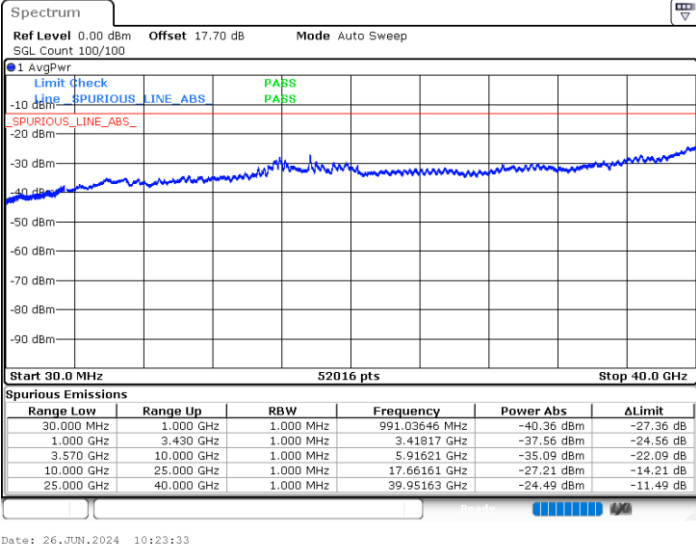
Date: 26 JUN 2024 09:37:00



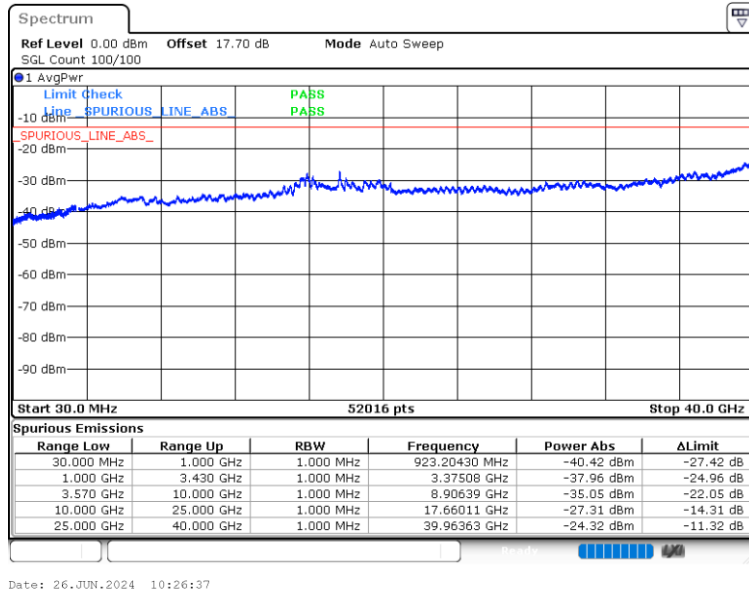
LTE Band 42 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

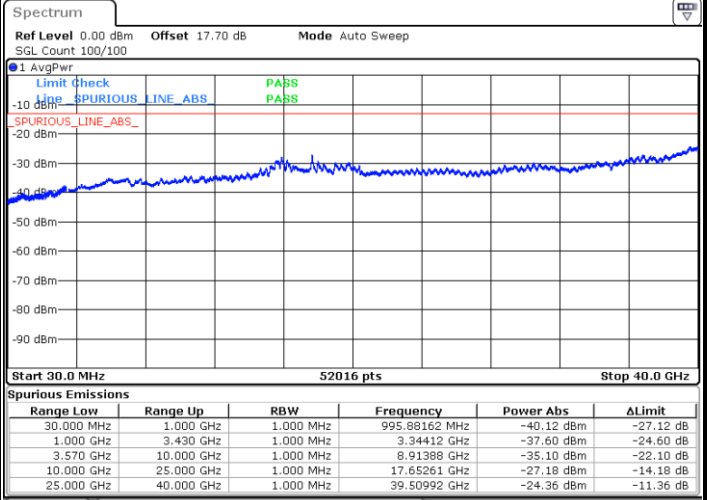
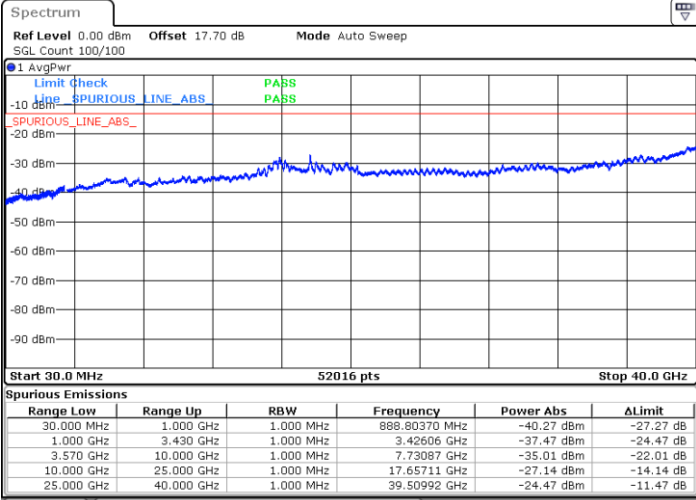




LTE Band 42 / 15MHz

Lowest Channel / QPSK

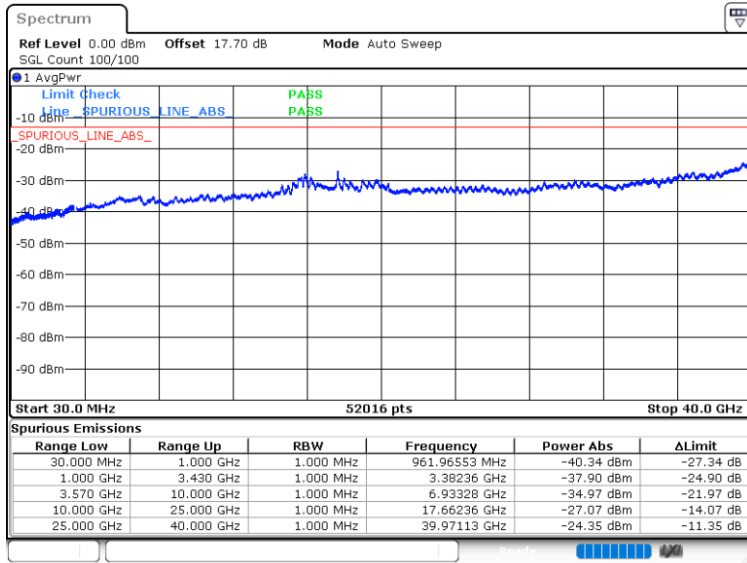
Middle Channel / QPSK



Date: 26.JUN.2024 10:28:14

Date: 26.JUN.2024 10:29:46

Highest Channel / QPSK



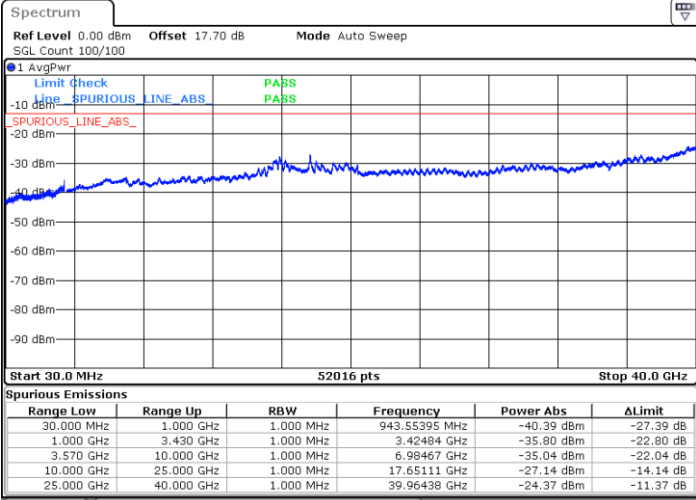
Date: 26.JUN.2024 10:31:18



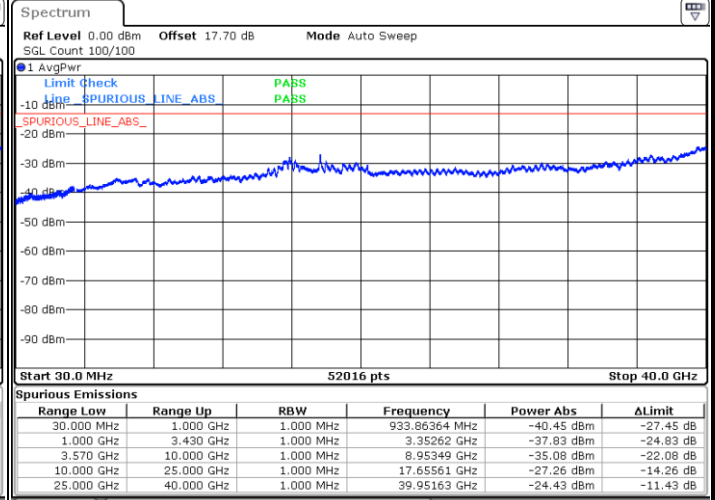
LTE Band 42 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

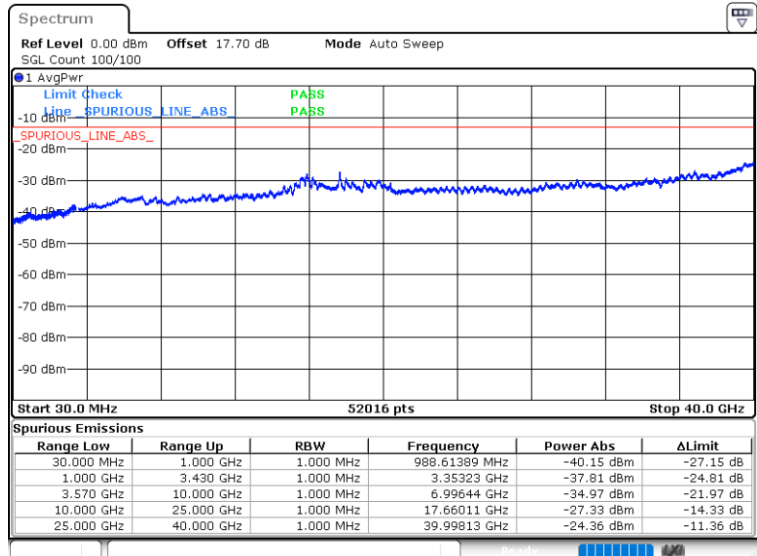


Date: 26 JUN 2024 10:32:56



Date: 26 JUN 2024 10:34:28

Highest Channel / QPSK



Date: 26 JUN 2024 10:35:59



Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0047	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0036	
20	Maximum Voltage	0.0033	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0032	

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 42C_Part 27Q

26dB Bandwidth

Mode	LTE Band 42C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.82	30.03	34.61	25.02
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.14	35.24	39.88	

Mode	LTE Band 42C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.77	29.78	34.82	24.92
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.08	35.03	39.96	

Mode	LTE Band 42C : 26dB BW(MHz)			
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.57	29.91	34.75	24.77
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.96	39.64	

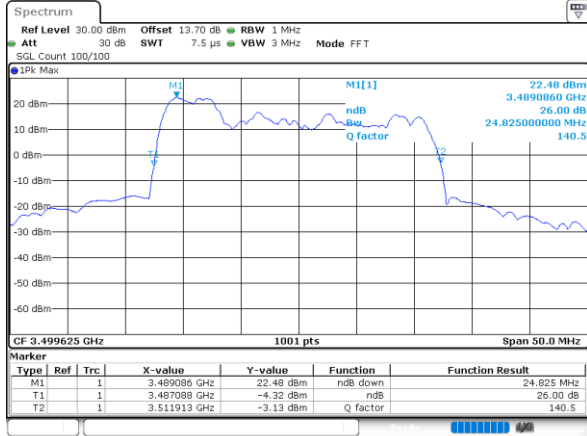
Mode	LTE Band 42C : 26dB BW(MHz)			
256QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.82	30.03	34.75	24.82
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.89	39.88	



LTE Band 42C

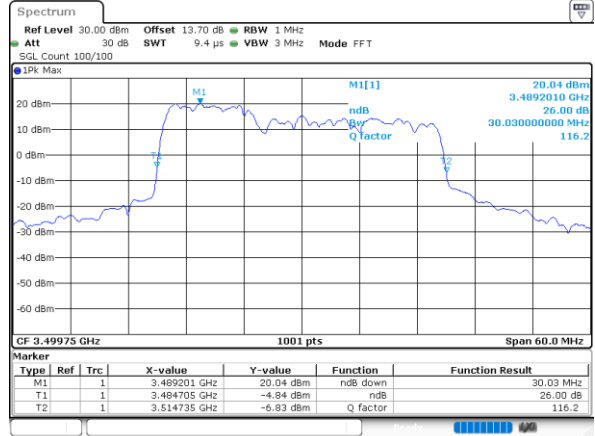
QPSK

Middle Channel / 5MHz+20MHz



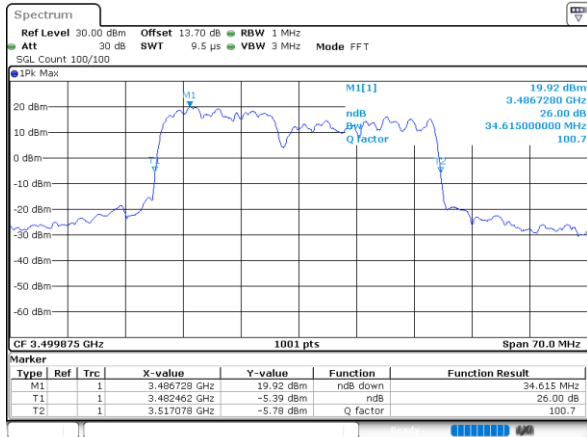
Date: 26 JUN 2024 15:12:54

Middle Channel / 10MHz+20MHz



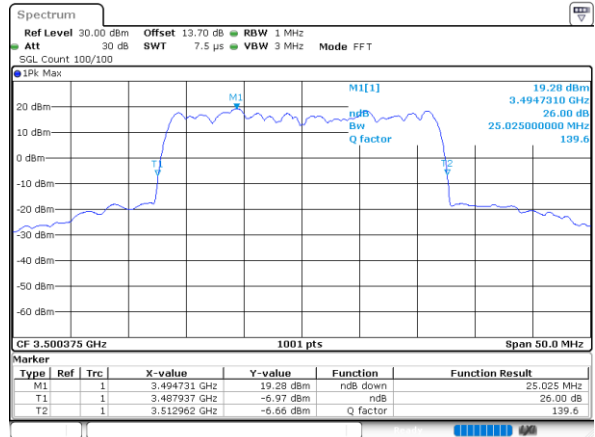
Date: 26 JUN 2024 15:25:33

Middle Channel / 15MHz+20MHz



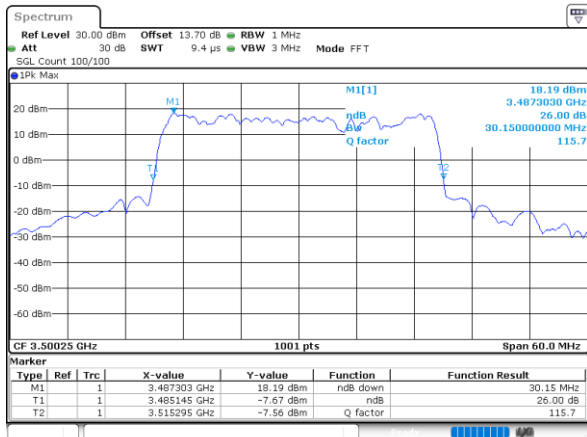
Date: 26 JUN 2024 15:38:03

Middle Channel / 20MHz+5MHz



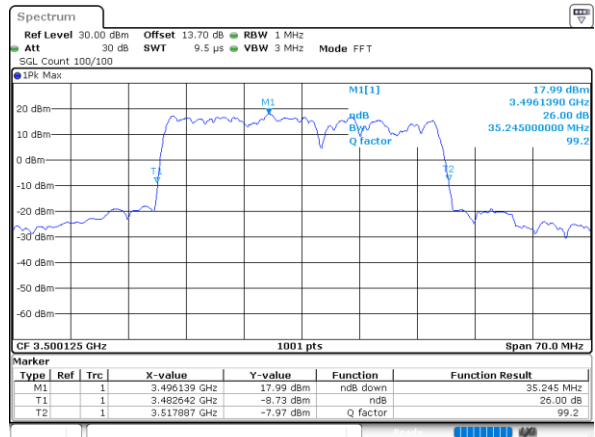
Date: 26 JUN 2024 15:19:18

Middle Channel / 20MHz+10MHz



Date: 26 JUN 2024 15:31:47

Middle Channel / 20MHz+15MHz



Date: 26 JUN 2024 15:44:19

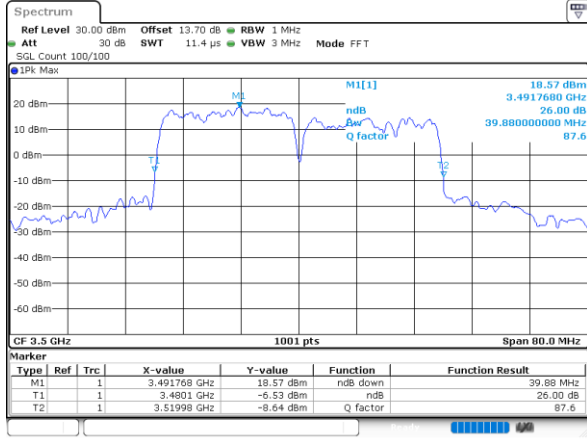


LTE Band 42C

QPSK

Middle Channel / 20MHz+20MHz

N/A



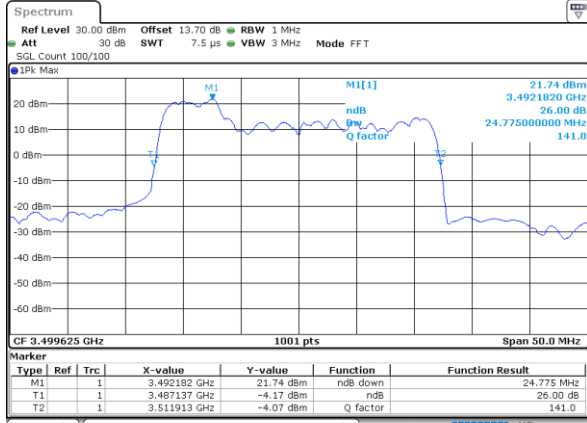
Date: 26 JUN 2024 15:50:26



LTE Band 42C

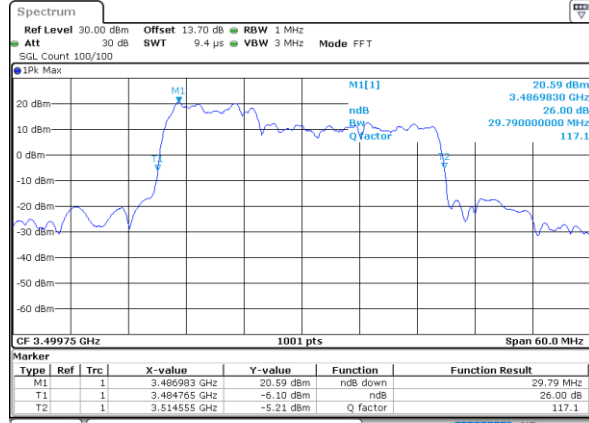
16QAM

Middle Channel / 5MHz+20MHz



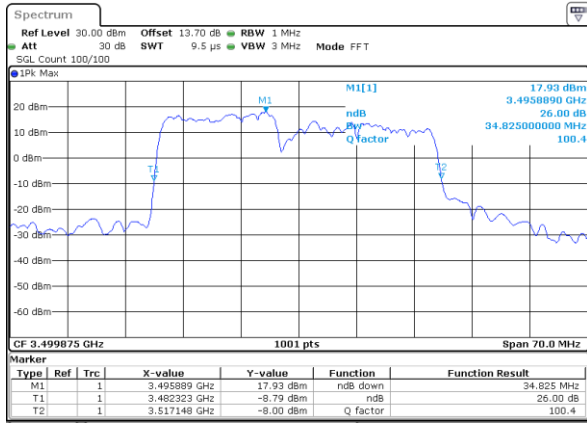
Date: 26 JUN 2024 15:14:27

Middle Channel / 10MHz+20MHz



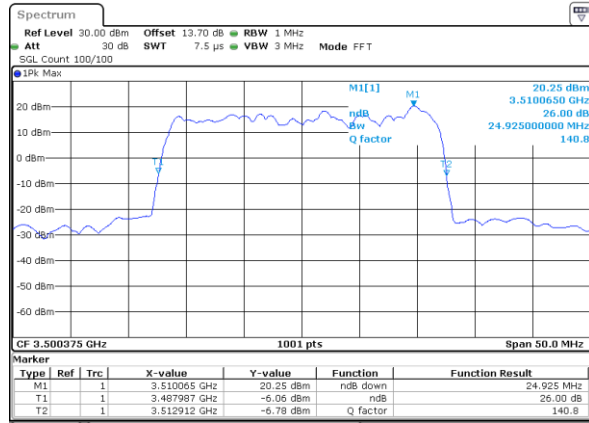
Date: 26 JUN 2024 15:27:07

Middle Channel / 15MHz+20MHz



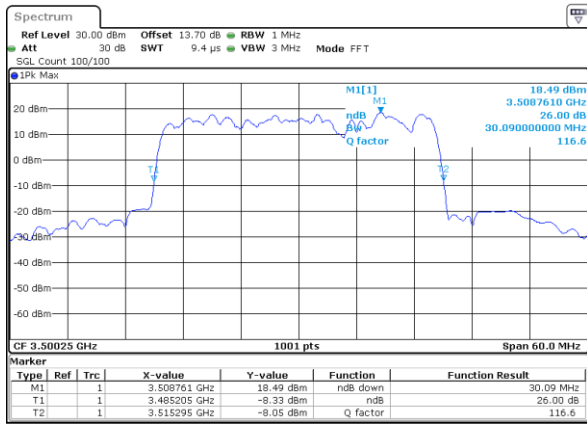
Date: 26 JUN 2024 15:39:36

Middle Channel / 20MHz+5MHz



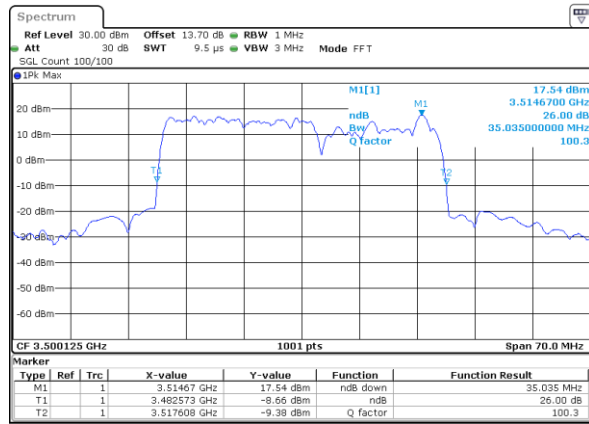
Date: 26 JUN 2024 15:20:47

Middle Channel / 20MHz+10MHz



Date: 26 JUN 2024 15:33:17

Middle Channel / 20MHz+15MHz



Date: 26 JUN 2024 15:45:54

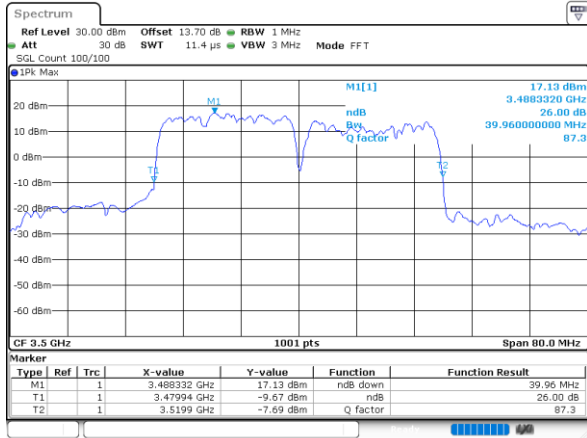


LTE Band 42C

16QAM

Middle Channel / 20MHz+20MHz

N/A



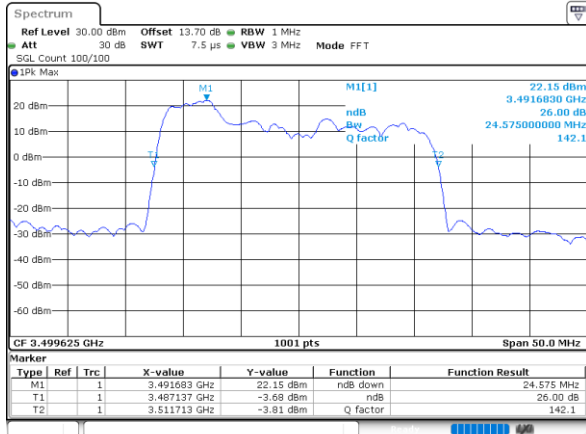
Date: 26 JUN 2024 15:51:46



LTE Band 42C

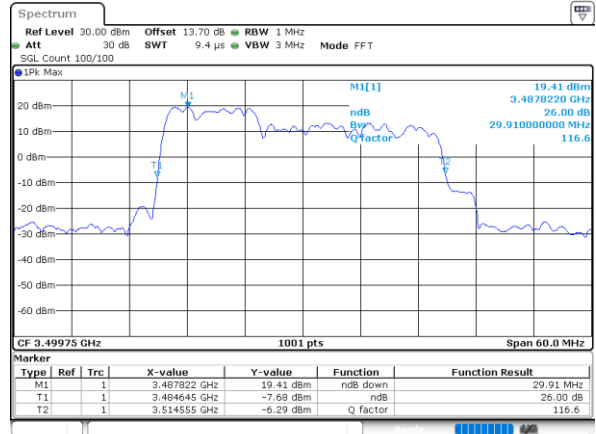
64QAM

Middle Channel / 5MHz+20MHz



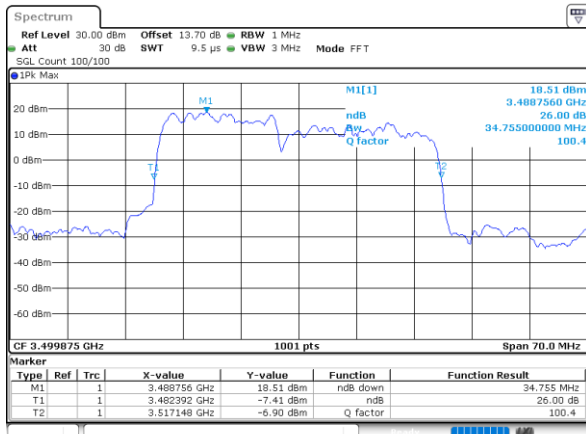
Date: 26 JUN 2024 15:16:03

Middle Channel / 10MHz+20MHz



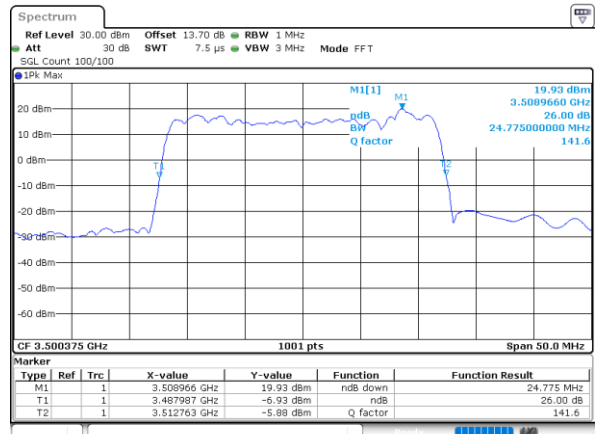
Date: 26 JUN 2024 15:28:36

Middle Channel / 15MHz+20MHz



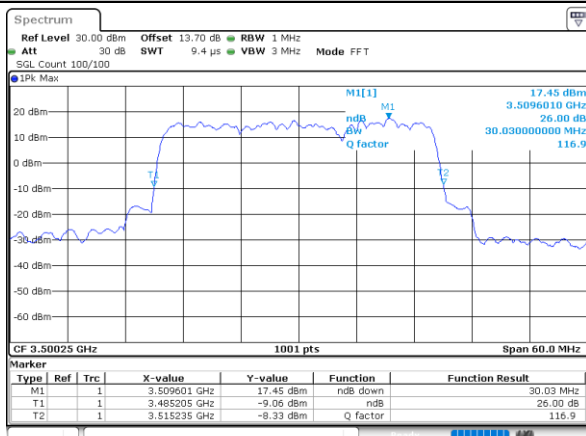
Date: 26 JUN 2024 15:41:10

Middle Channel / 20MHz+5MHz



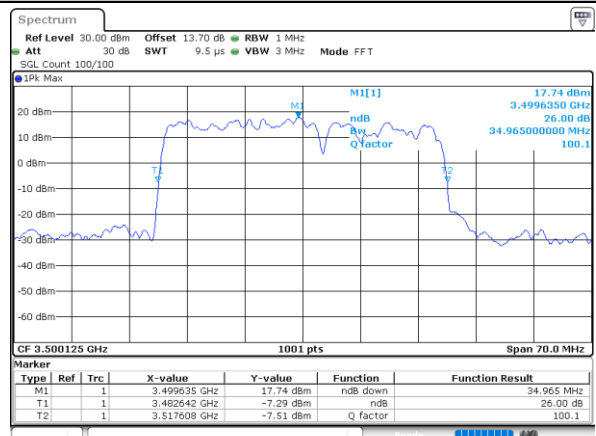
Date: 26 JUN 2024 15:22:19

Middle Channel / 20MHz+10MHz



Date: 26 JUN 2024 15:34:47

Middle Channel / 20MHz+15MHz



Date: 26 JUN 2024 15:47:25



LTE Band 42C

64QAM

Middle Channel / 20MHz+20MHz

N/A

