

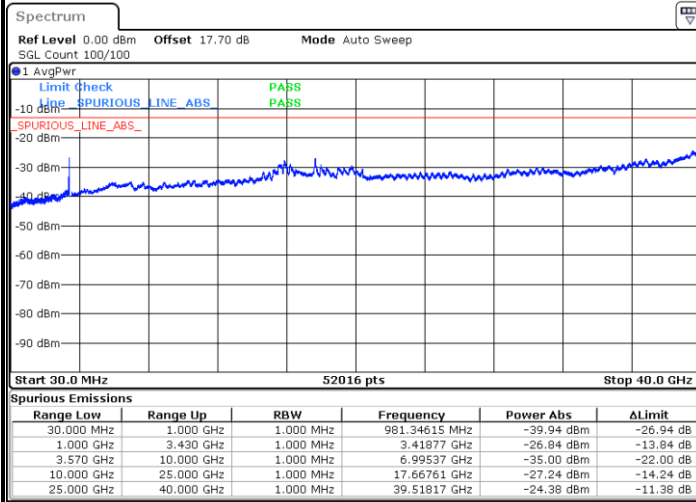


LTE Band 42C / 20MHz+15MHz

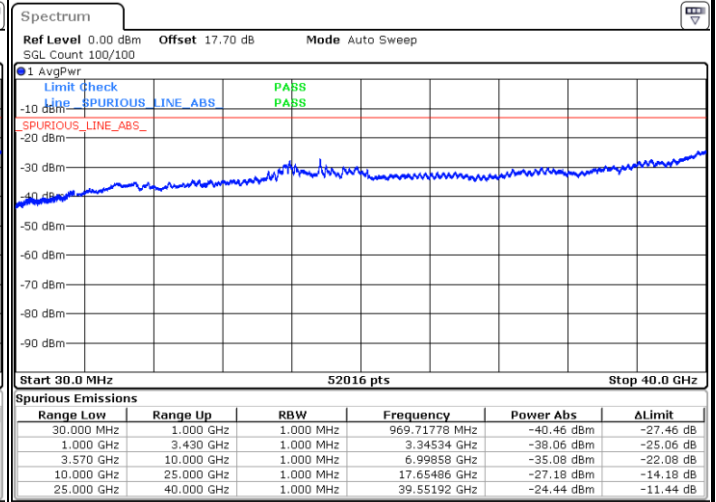
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



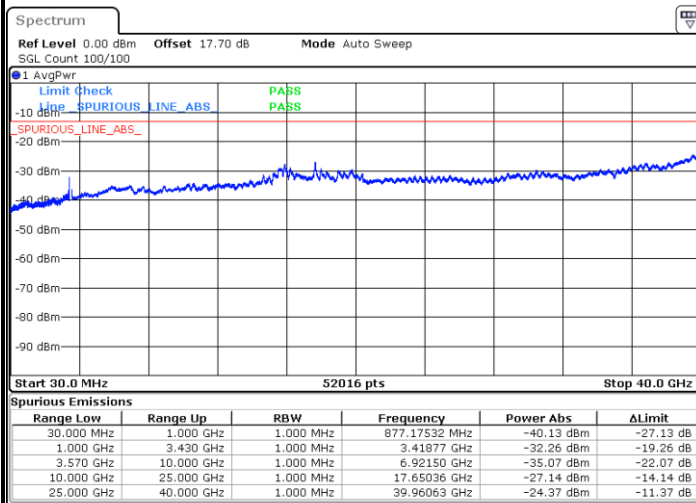
Date: 26.JUN.2024 14:11:47



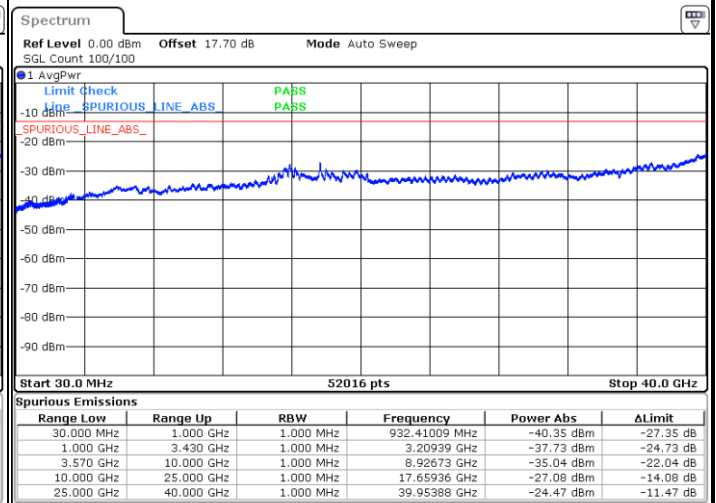
Date: 26.JUN.2024 14:13:26

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 26.JUN.2024 14:15:18



Date: 26.JUN.2024 14:16:59

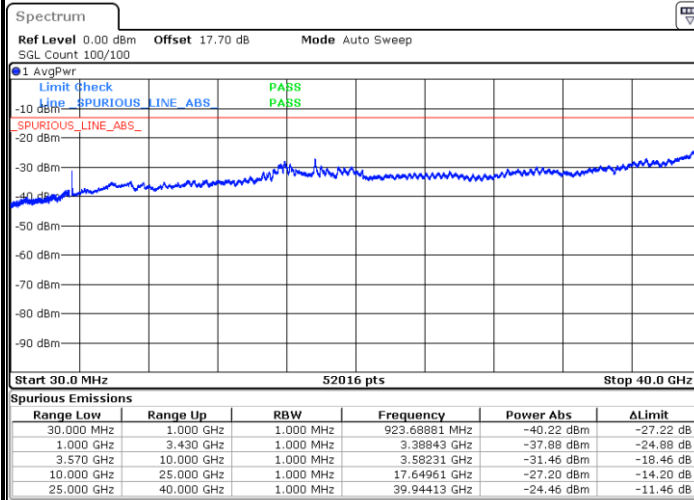


LTE Band 42C / 20MHz+15MHz

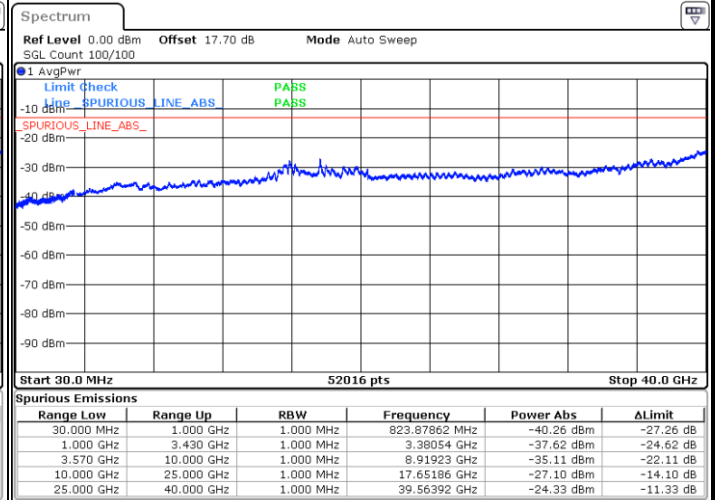
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 26.JUN.2024 14:32:56



Date: 26.JUN.2024 14:34:35

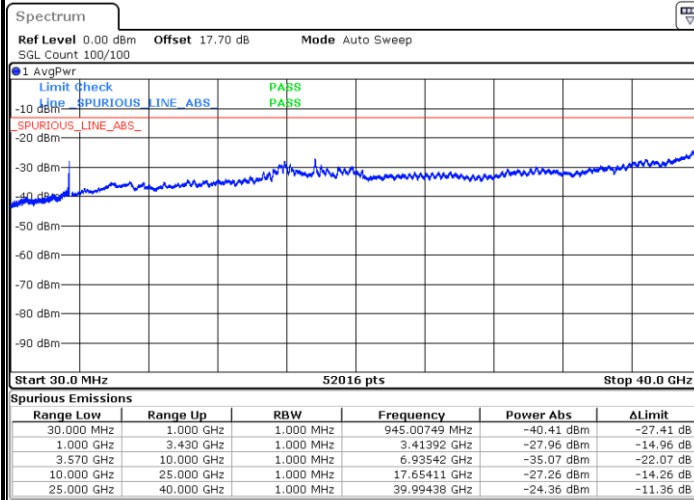


LTE Band 42C / 20MHz+20MHz

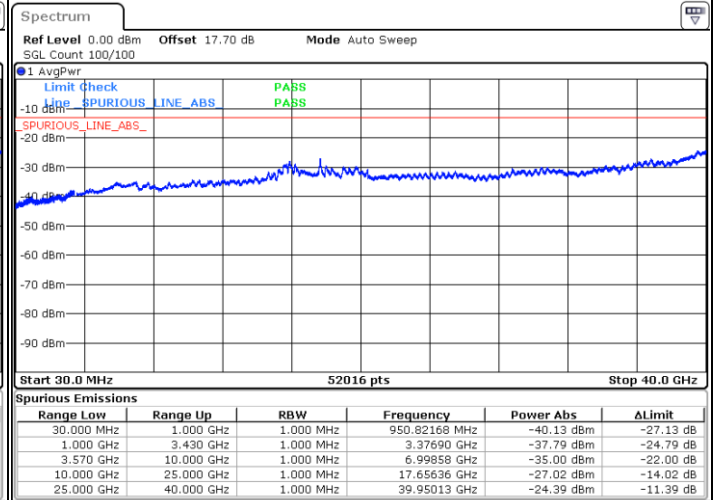
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



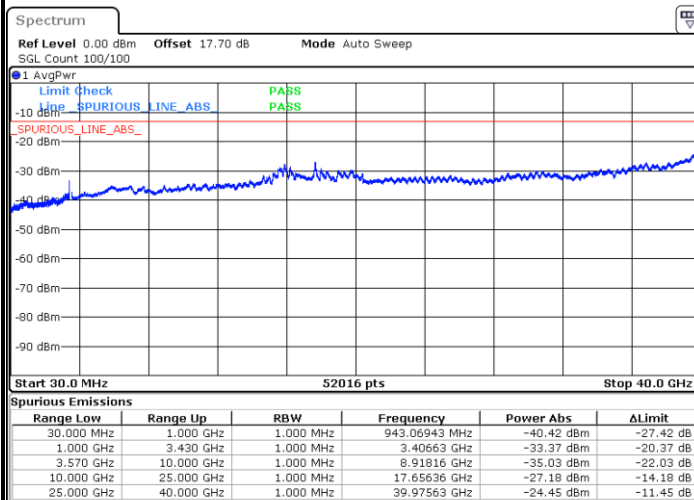
Date: 26 JUN.2024 14:49:33



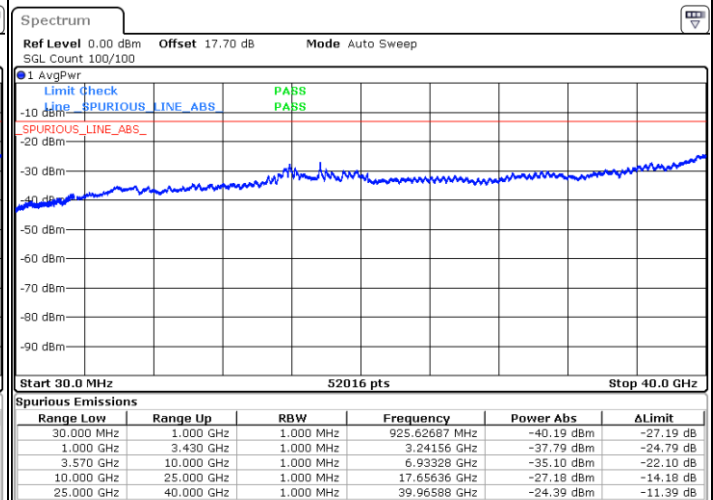
Date: 26 JUN.2024 14:51:08

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 26 JUN.2024 14:52:51



Date: 26 JUN.2024 14:54:26

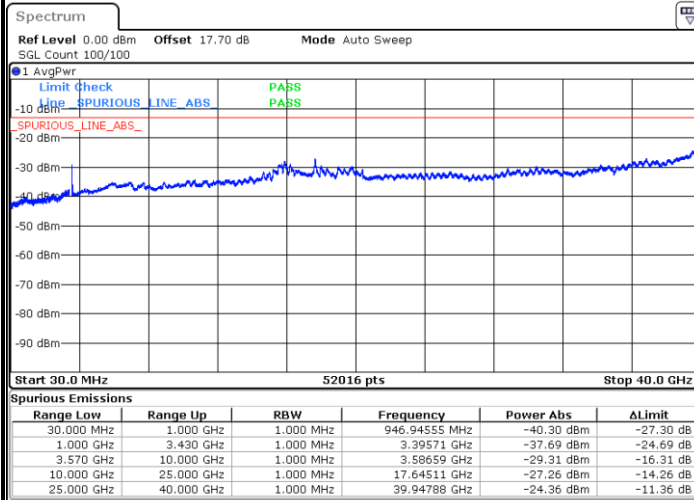


LTE Band 42C / 20MHz+20MHz

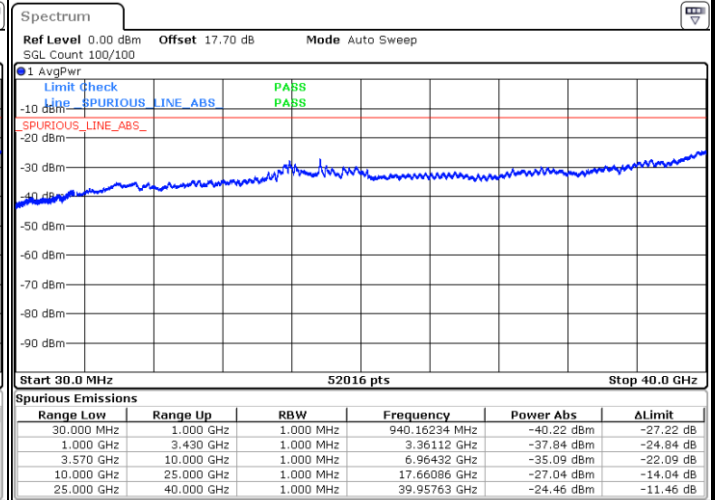
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 26.JUN.2024 15:09:17



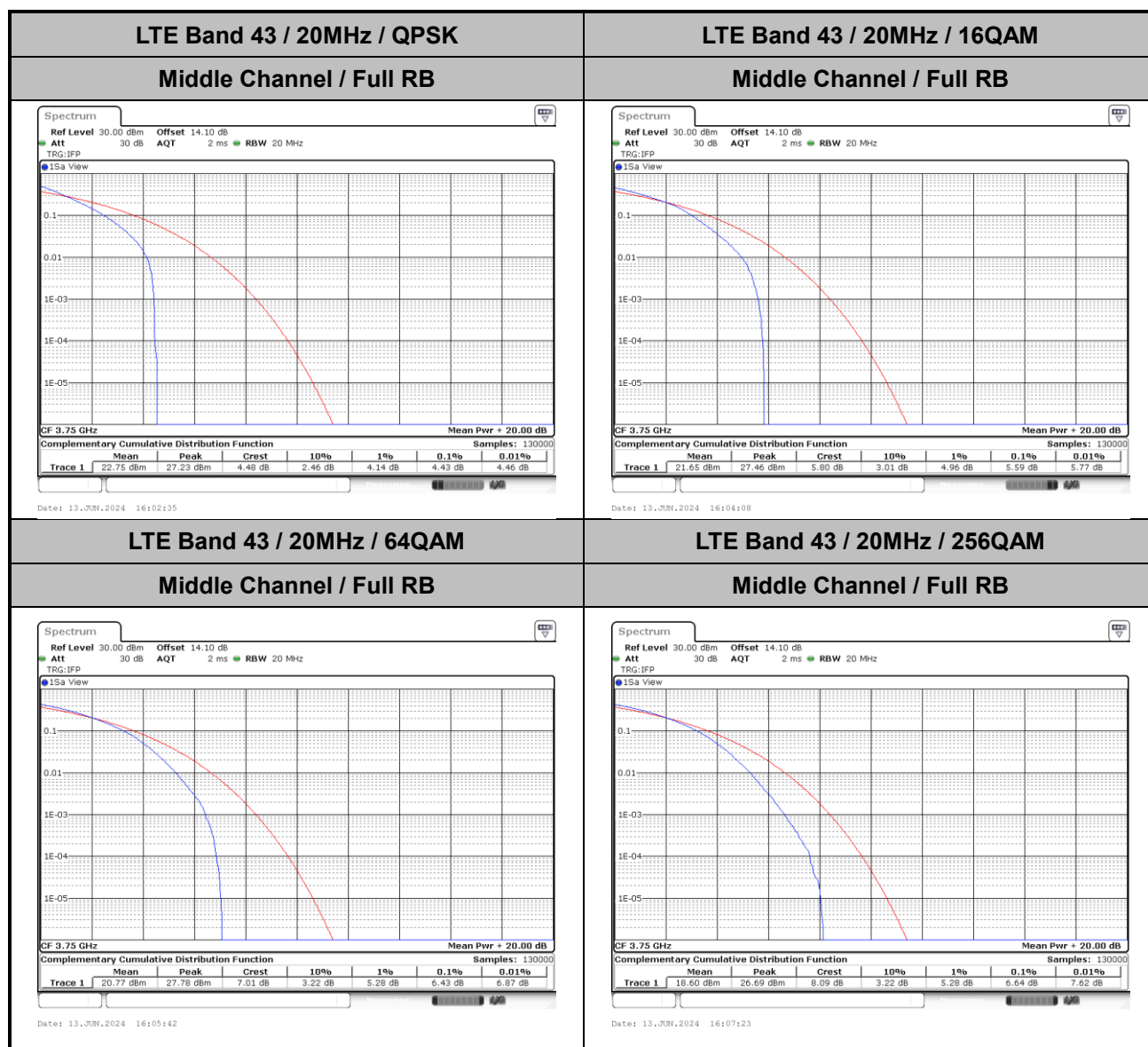
Date: 26.JUN.2024 15:10:53



LTE Band 43_Part 270

Peak-to-Average Ratio

Mode	LTE Band 43 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.43	5.59	6.43	6.64	PASS



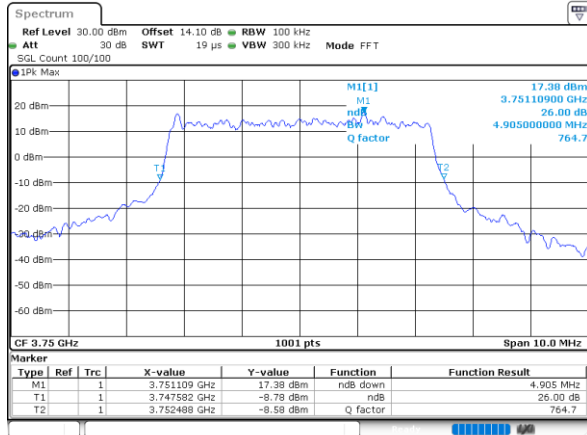
**26dB Bandwidth**

Mode	LTE Band 43 : 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	-	-	-	-	4.90	4.98	9.68	9.60	14.20	14.26	18.70	18.82
Mode	LTE Band 43 : 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	4.94	9.63	9.73	14.35	14.74	18.66	18.82

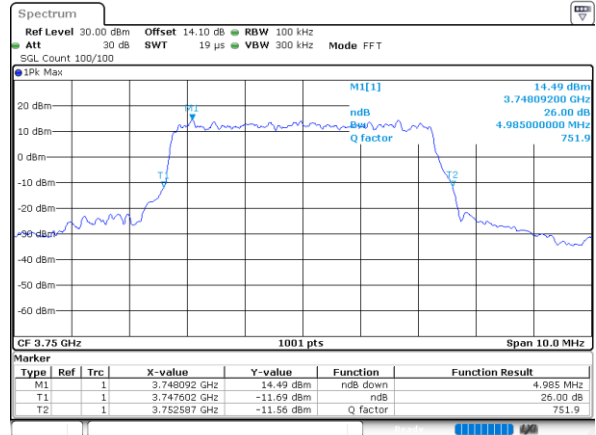


LTE Band 43

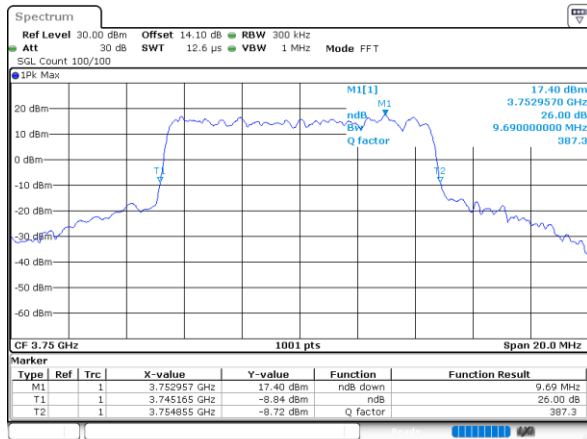
Middle Channel / 5MHz / QPSK



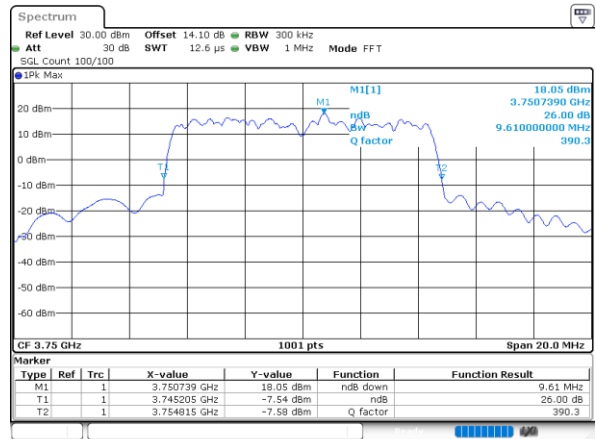
Middle Channel / 5MHz / 16QAM



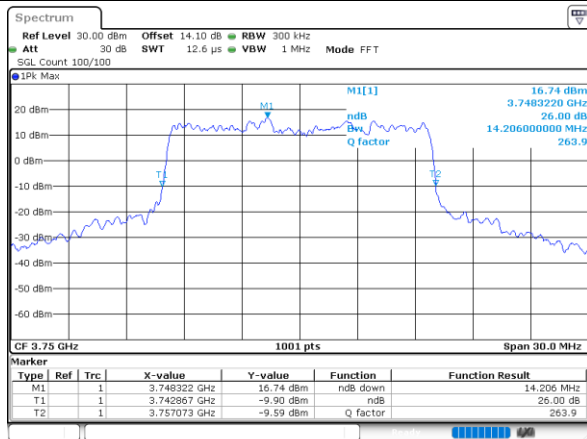
Middle Channel / 10MHz / QPSK



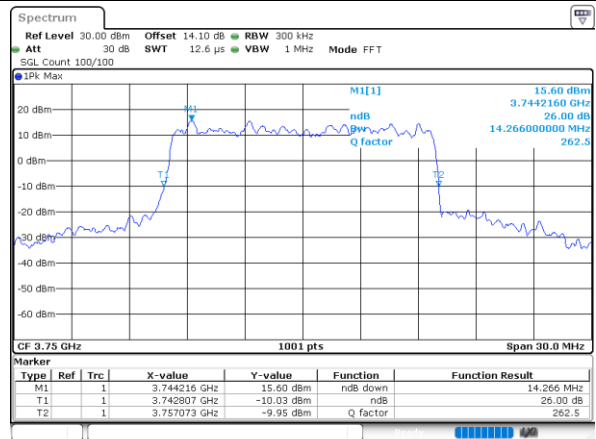
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



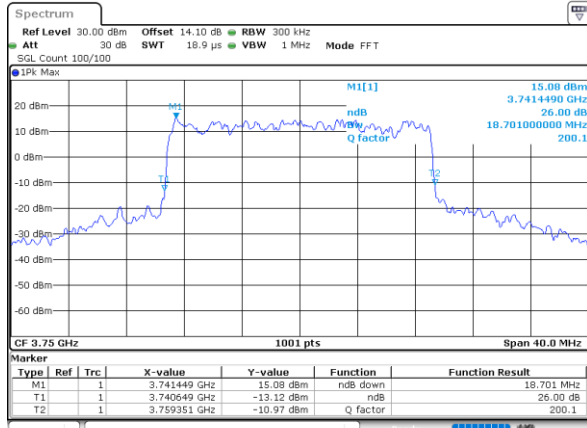
Middle Channel / 15MHz / 16QAM



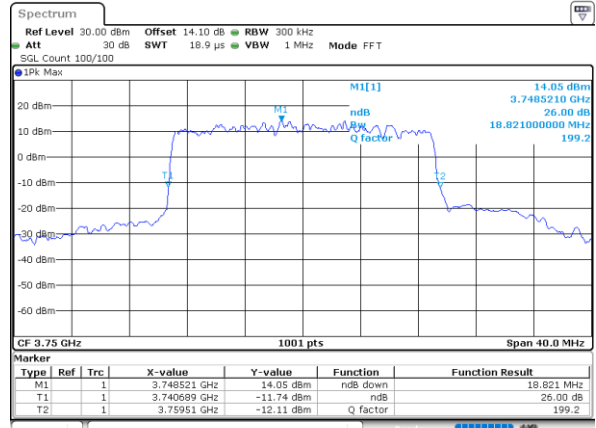


LTE Band 43

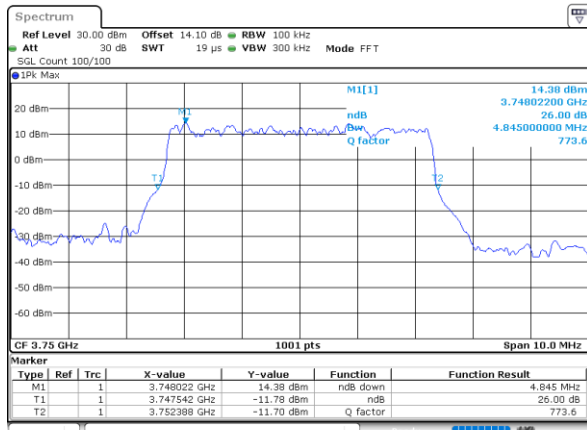
Middle Channel / 20MHz / QPSK



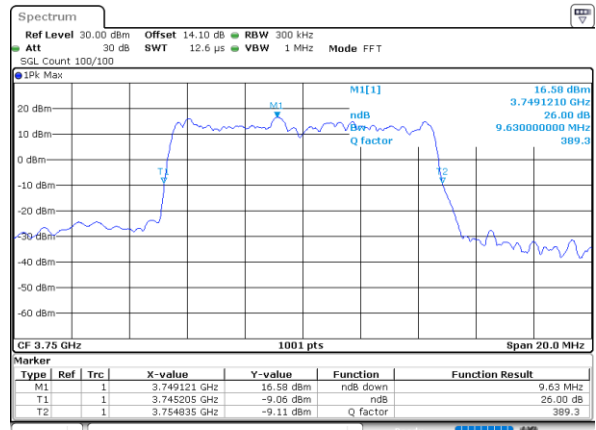
Middle Channel / 20MHz / 16QAM



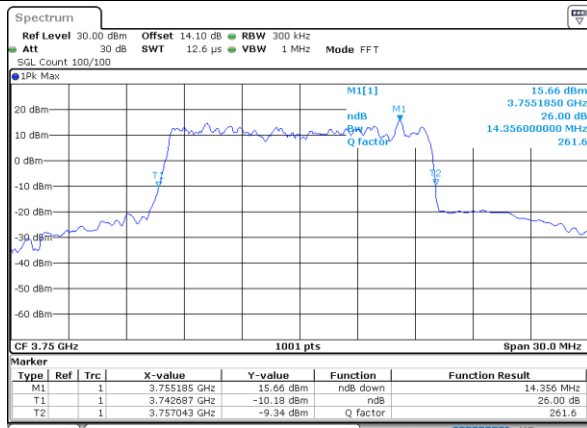
Middle Channel / 5MHz / 64QAM



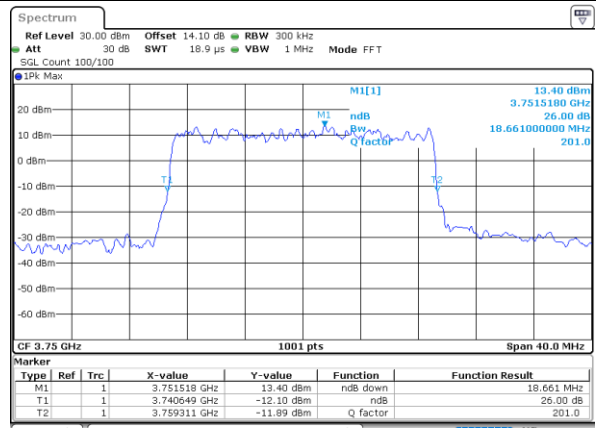
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



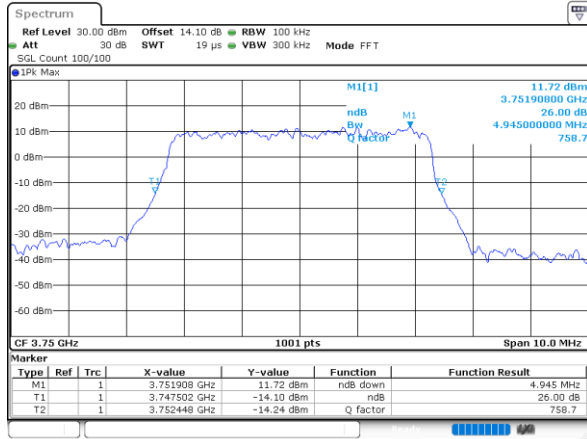
Middle Channel / 20MHz / 64QAM





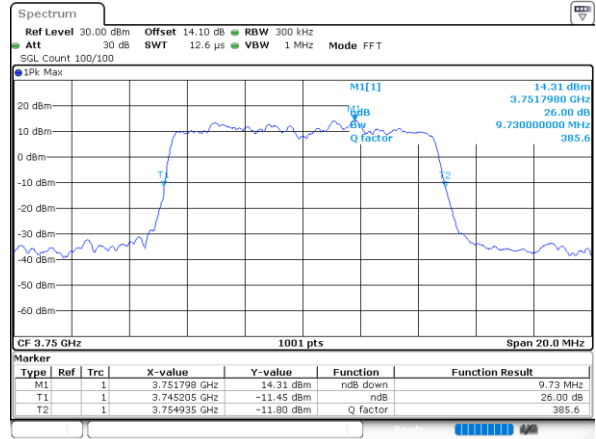
LTE Band 43

Middle Channel / 5MHz / 256QAM



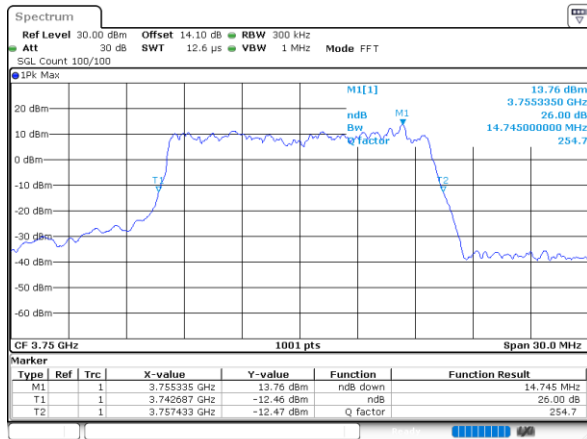
Date: 13 JUN, 2024 15:52:24

Middle Channel / 10MHz / 256QAM



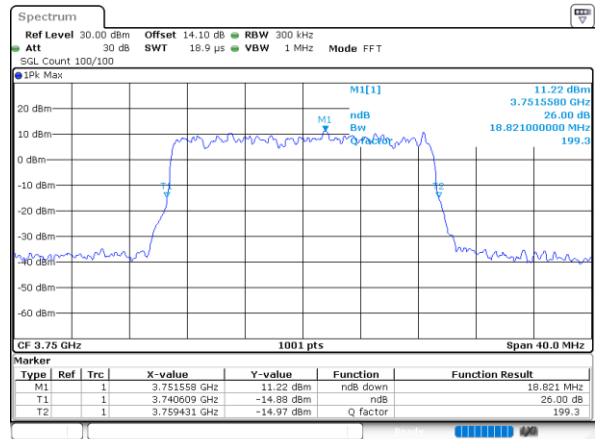
Date: 13 JUN, 2024 15:57:05

Middle Channel / 15MHz / 256QAM



Date: 13 JUN, 2024 16:01:47

Middle Channel / 20MHz / 256QAM



Date: 13 JUN, 2024 16:08:25

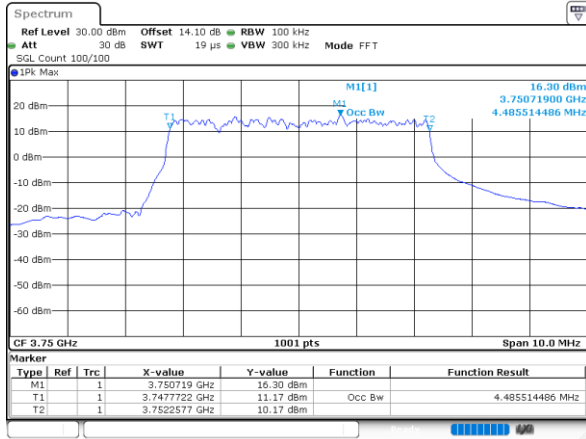
**Occupied Bandwidth**

Mode	LTE Band 43 : 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	-	-	-	-	4.48	4.52	9.05	9.07	13.42	13.42	17.82	17.94
Mode	LTE Band 43 : 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	4.46	9.05	9.05	13.48	13.45	17.90	17.86

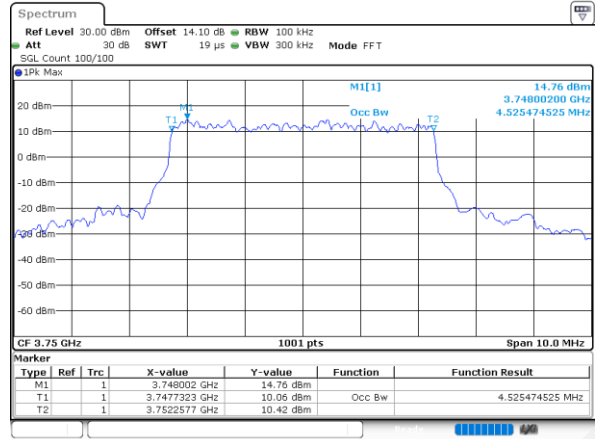


LTE Band 43

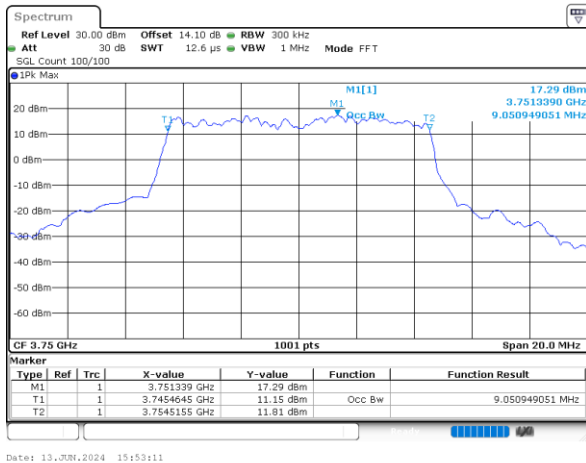
Middle Channel / 5MHz / QPSK



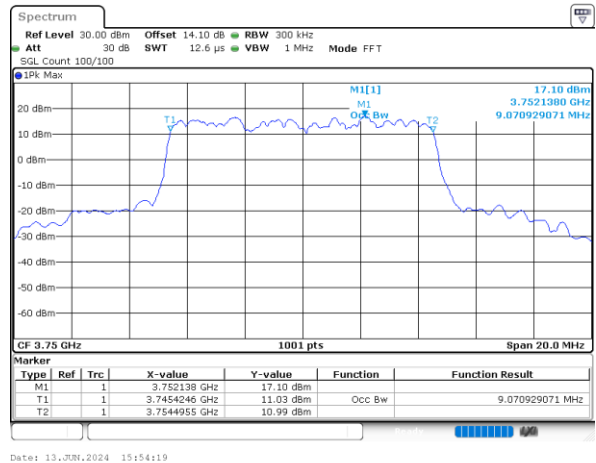
Middle Channel / 5MHz / 16QAM



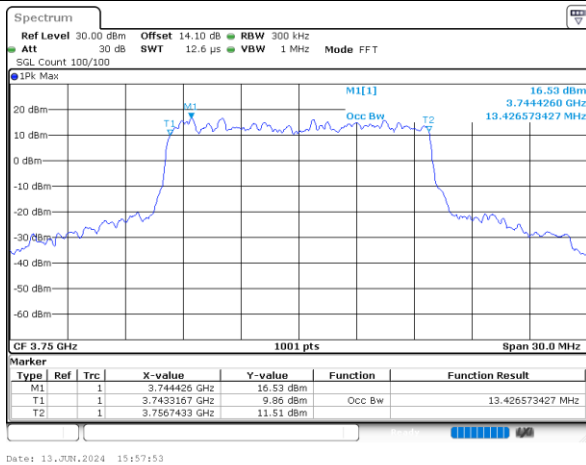
Middle Channel / 10MHz / QPSK



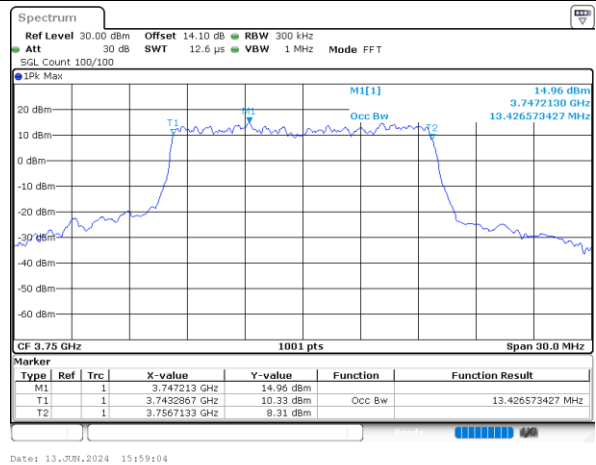
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



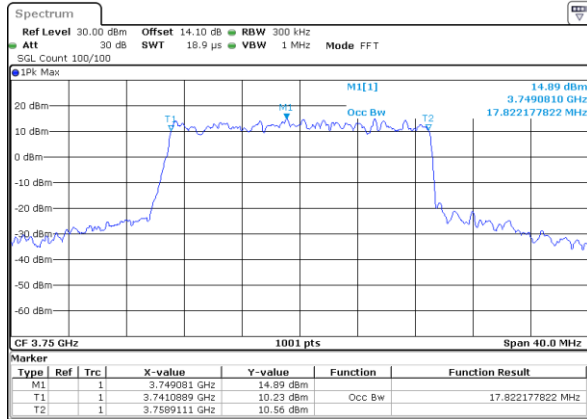
Middle Channel / 15MHz / 16QAM





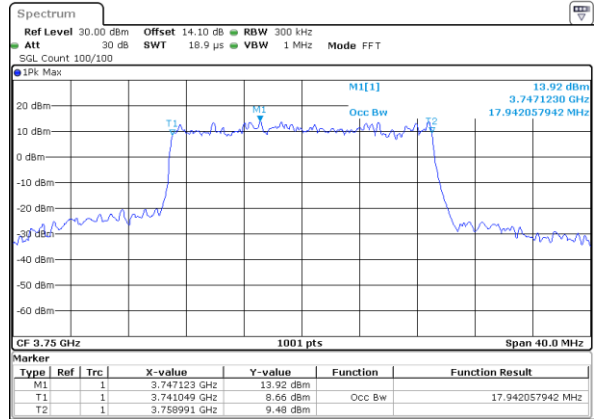
LTE Band 43

Middle Channel / 20MHz / QPSK



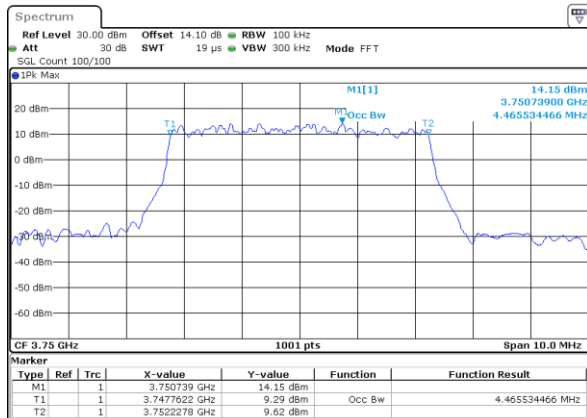
Date: 13 JUN 2024 16:03:00

Middle Channel / 20MHz / 16QAM



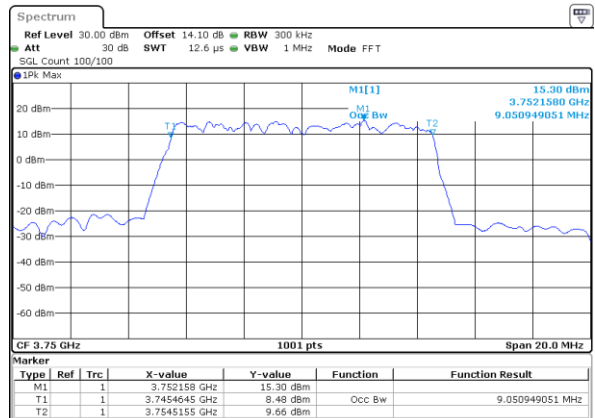
Date: 13 JUN 2024 16:04:34

Middle Channel / 5MHz / 64QAM



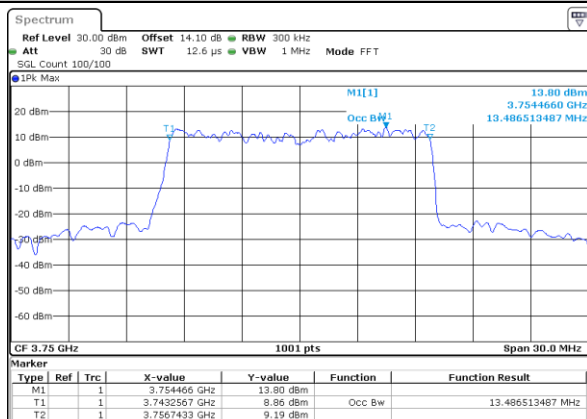
Date: 13 JUN 2024 15:58:44

Middle Channel / 10MHz / 64QAM



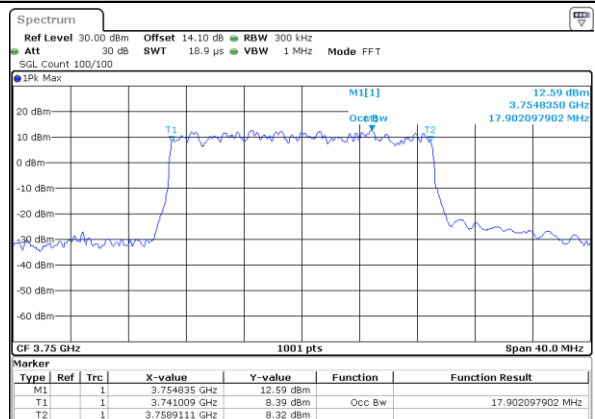
Date: 13 JUN 2024 15:55:27

Middle Channel / 15MHz / 64QAM



Date: 13 JUN 2024 16:00:14

Middle Channel / 20MHz / 64QAM

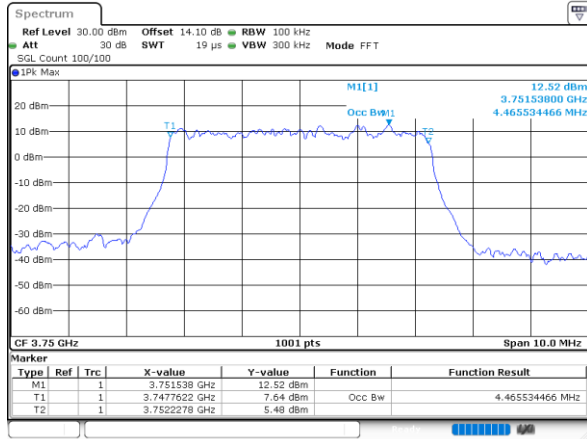


Date: 13 JUN 2024 16:06:08

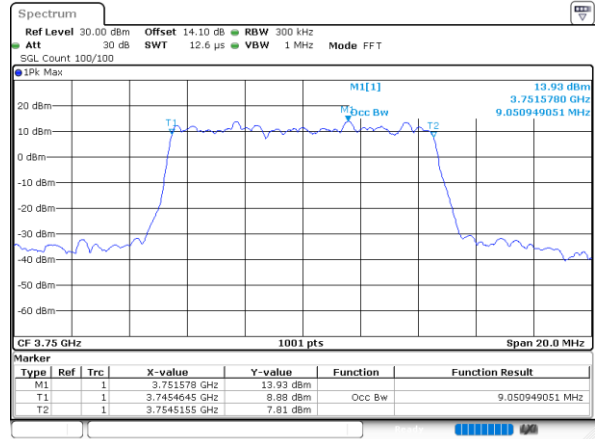


LTE Band 43

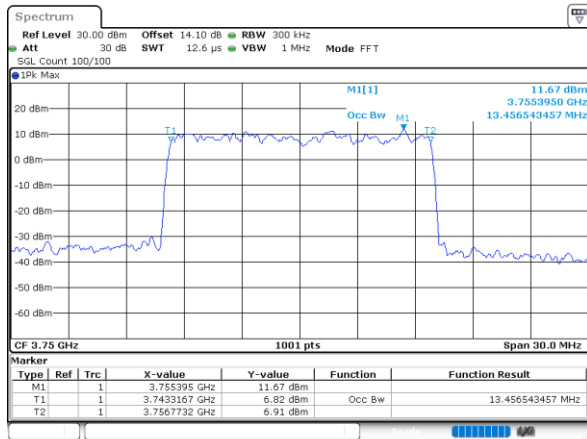
Middle Channel / 5MHz / 256QAM



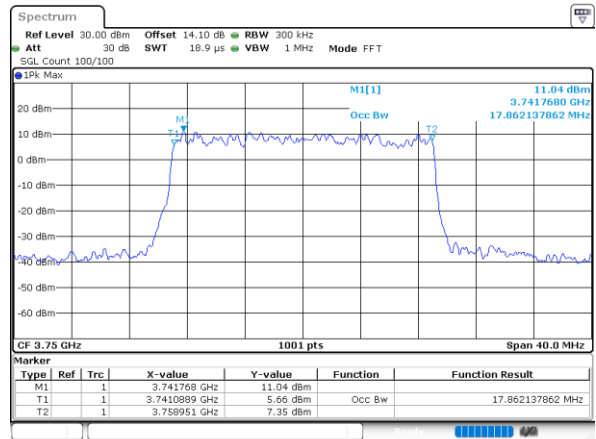
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

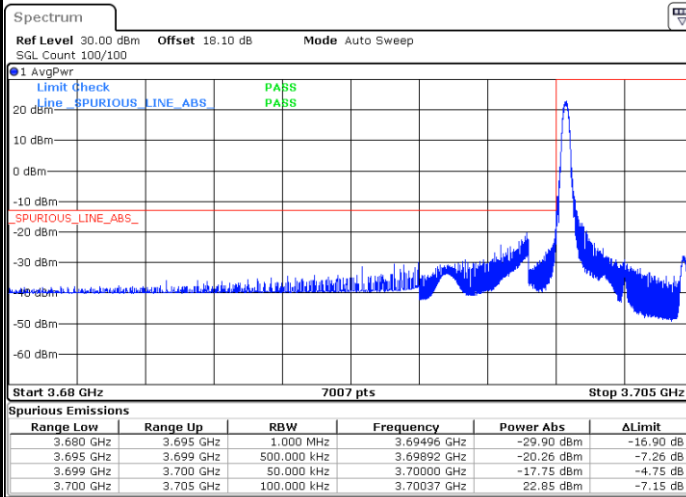




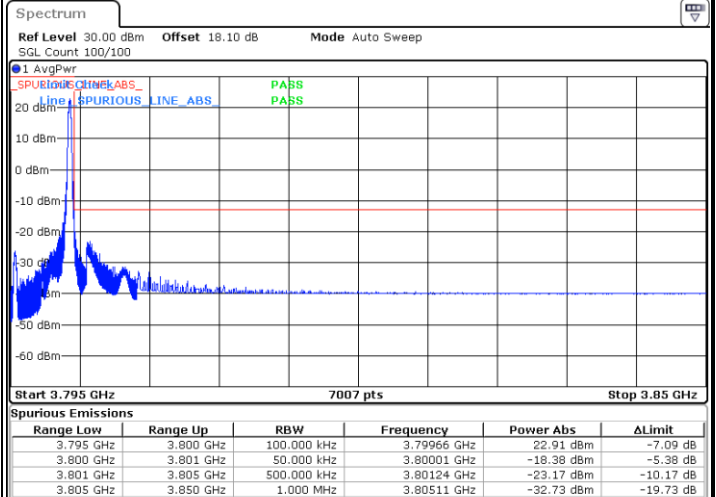
Conducted Band Edge

LTE Band 43 / 5MHz / QPSK

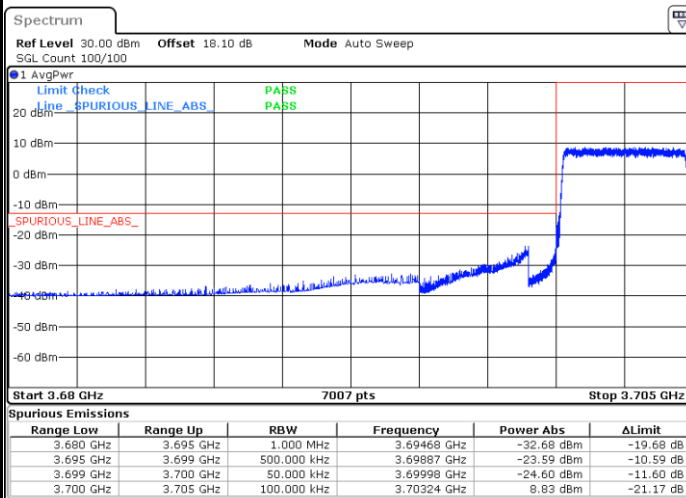
Lowest Band Edge / 1 RB



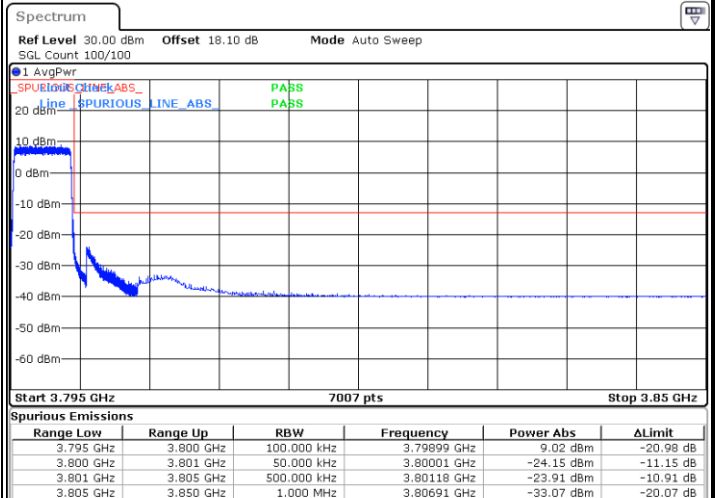
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



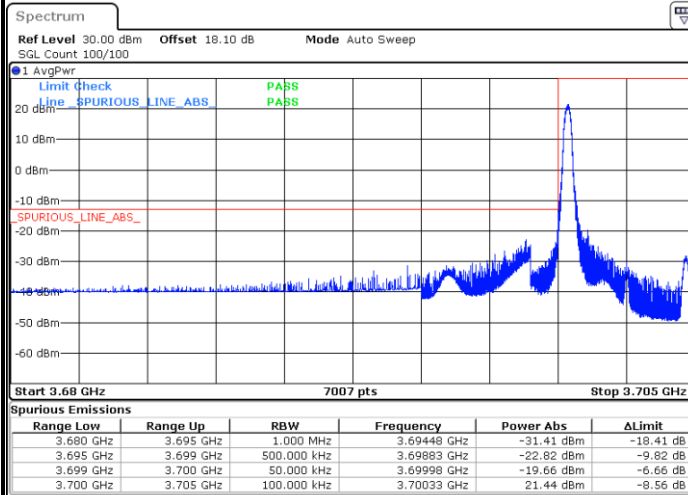
Highest Band Edge / Full RB





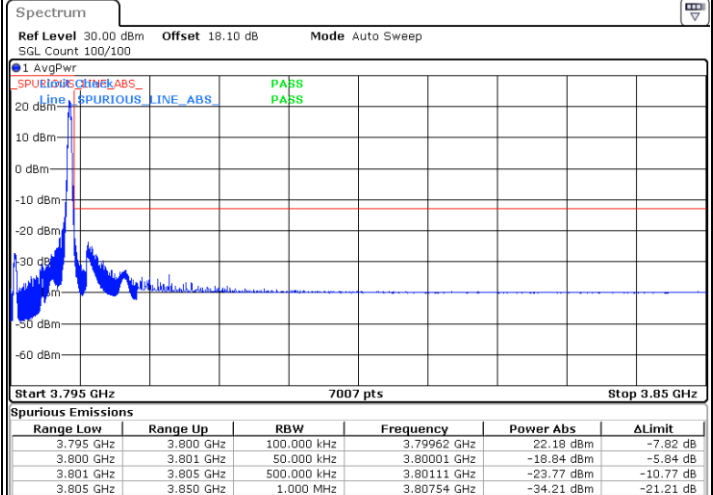
LTE Band 43 / 5MHz / 16QAM

Lowest Band Edge / 1RB



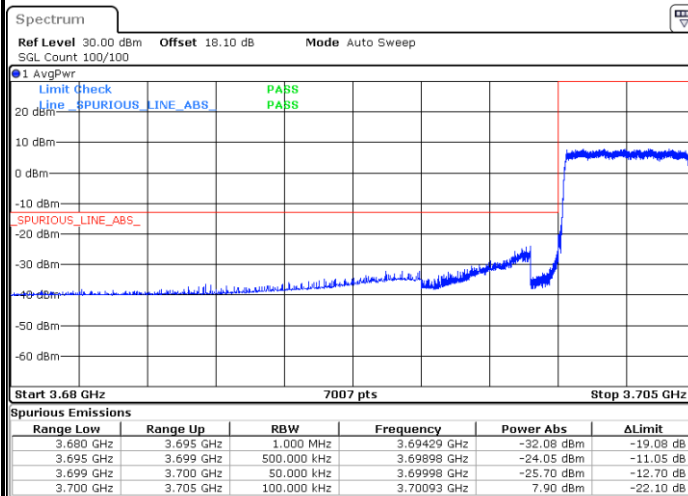
Date: 13.JUN.2024 14:45:45

Highest Band Edge / 1 RB



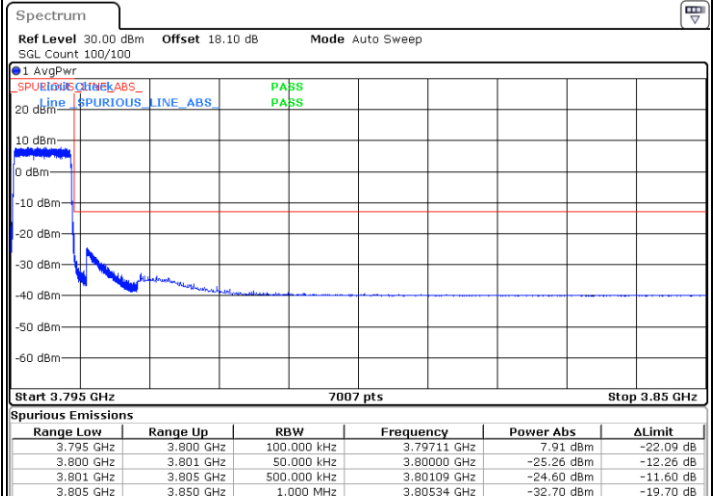
Date: 13.JUN.2024 14:57:49

Lowest Band Edge / Full RB



Date: 13.JUN.2024 14:51:47

Highest Band Edge / Full RB

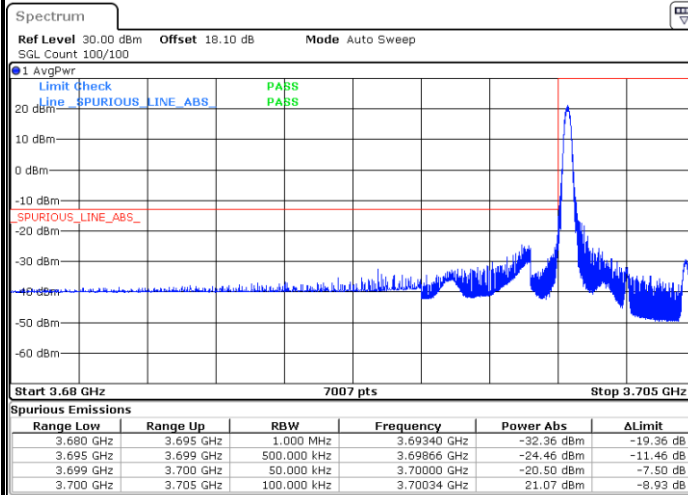


Date: 13.JUN.2024 15:02:14



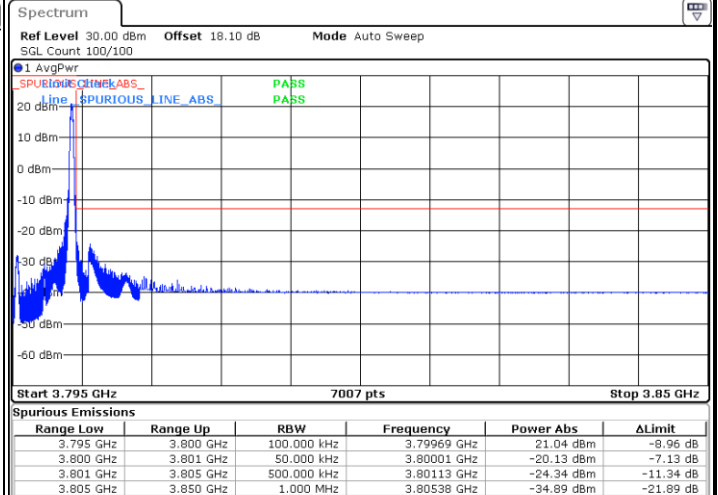
LTE Band 43 / 5MHz / 64QAM

Lowest Band Edge / 1RB



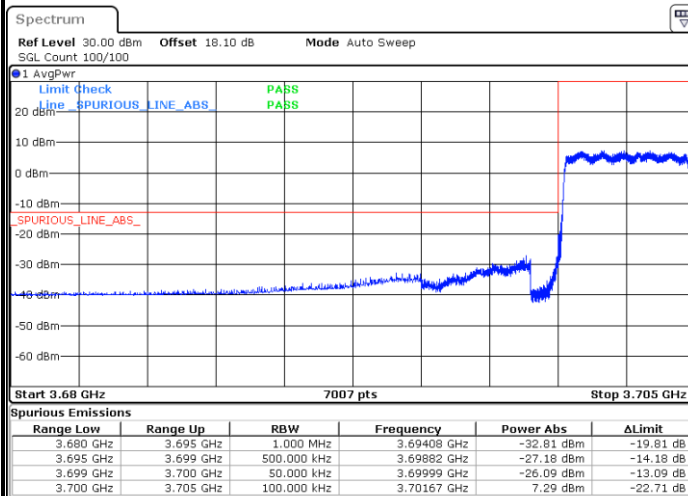
Date: 13.JUN.2024 14:46:49

Highest Band Edge / 1 RB



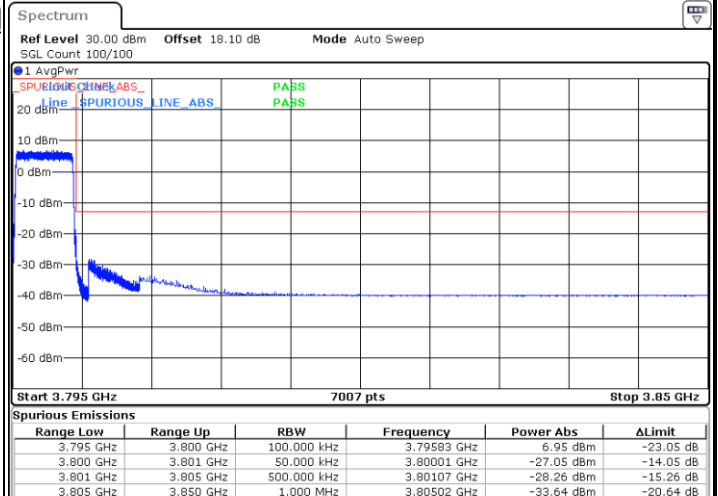
Date: 13.JUN.2024 14:58:53

Lowest Band Edge / Full RB



Date: 13.JUN.2024 14:52:52

Highest Band Edge / Full RB

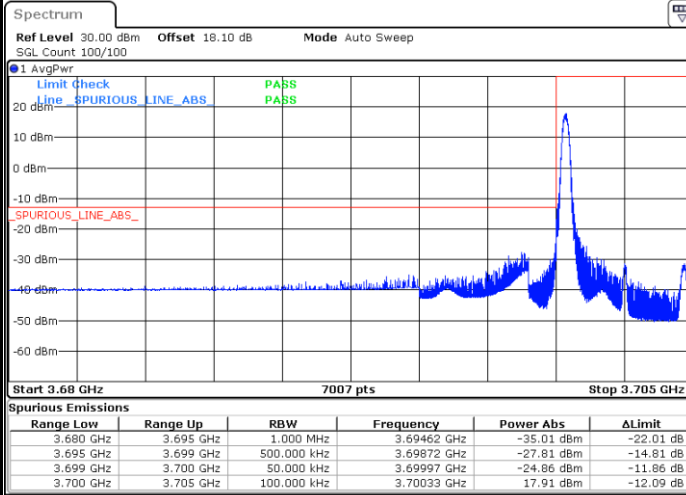


Date: 13.JUN.2024 15:03:21



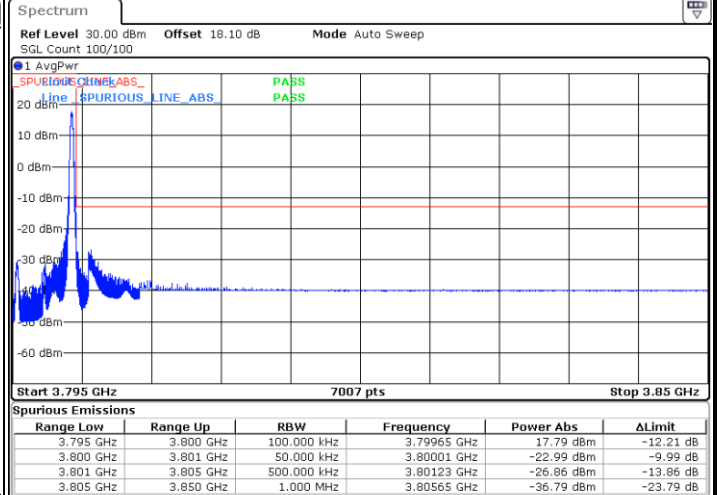
LTE Band 43 / 5MHz / 256QAM

Lowest Band Edge / 1RB



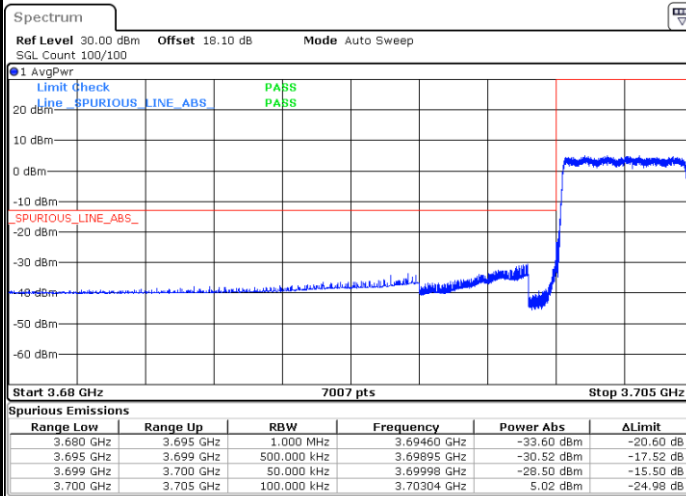
Date: 13.JUN.2024 14:47:55

Highest Band Edge / 1 RB



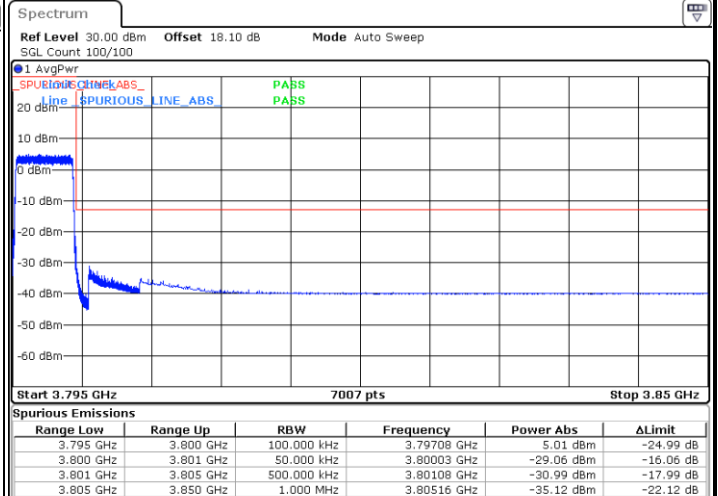
Date: 13.JUN.2024 15:00:01

Lowest Band Edge / Full RB



Date: 13.JUN.2024 14:53:57

Highest Band Edge / Full RB

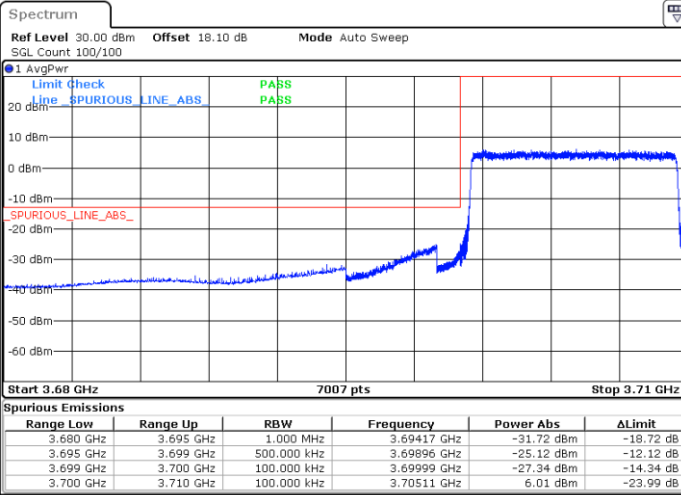


Date: 13.JUN.2024 15:04:27



LTE Band 43 / 10MHz / QPSK

Lowest Band Edge / Full RB

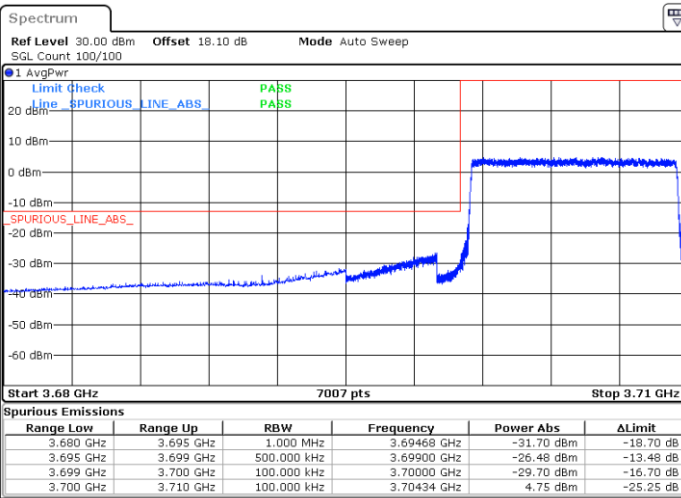


Highest Band Edge / Full RB

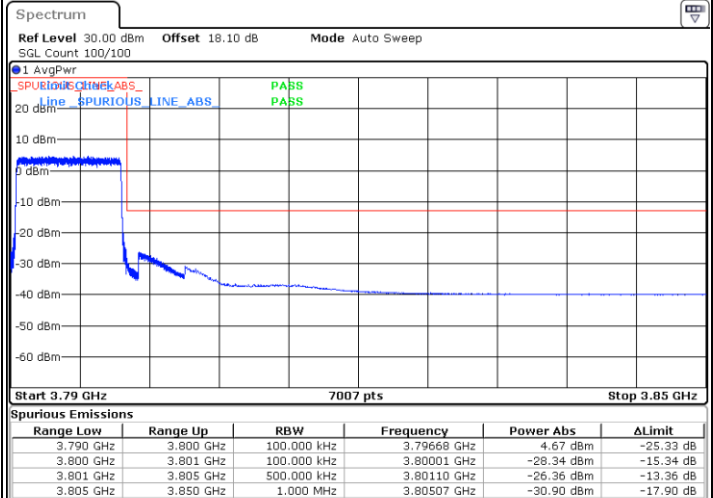


TE Band 43 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

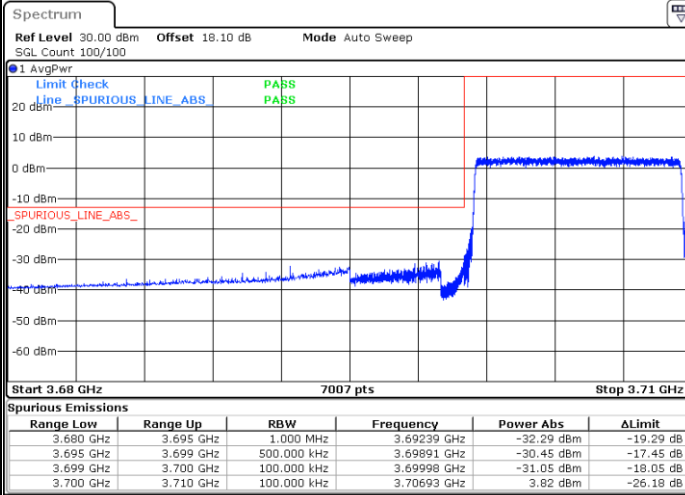




LTE Band 43 / 10MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.JUN.2024 15:09:37

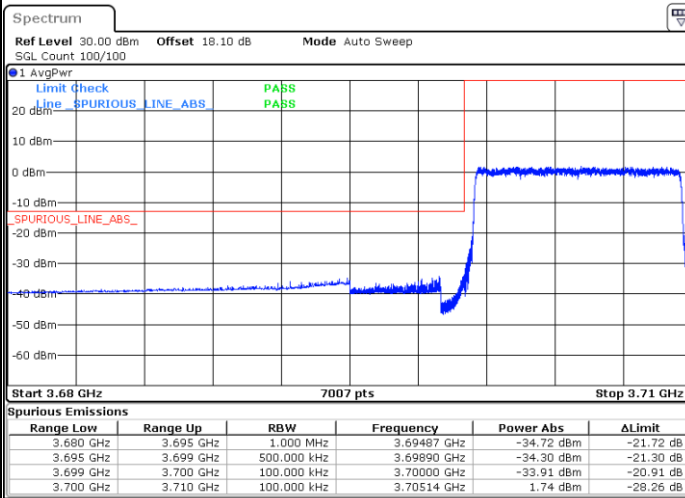


Date: 13.JUN.2024 15:18:51

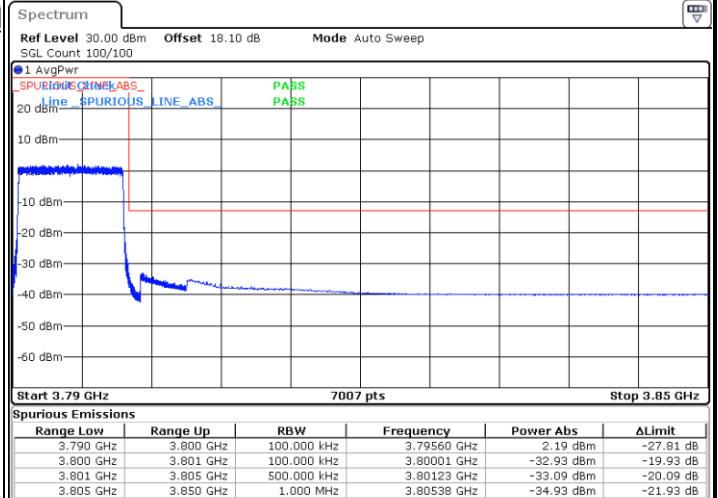
LTE Band 43 / 10MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.JUN.2024 15:10:43

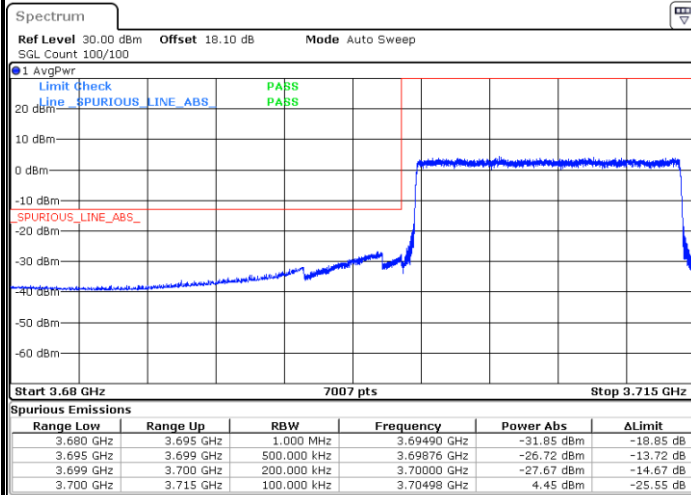


Date: 13.JUN.2024 15:19:56



LTE Band 43 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 13.JUN.2024 15:21:14

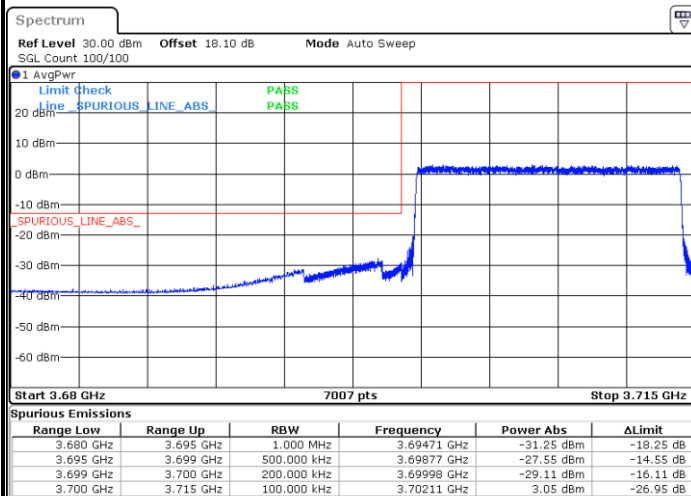
Highest Band Edge / Full RB



Date: 13.JUN.2024 15:30:30

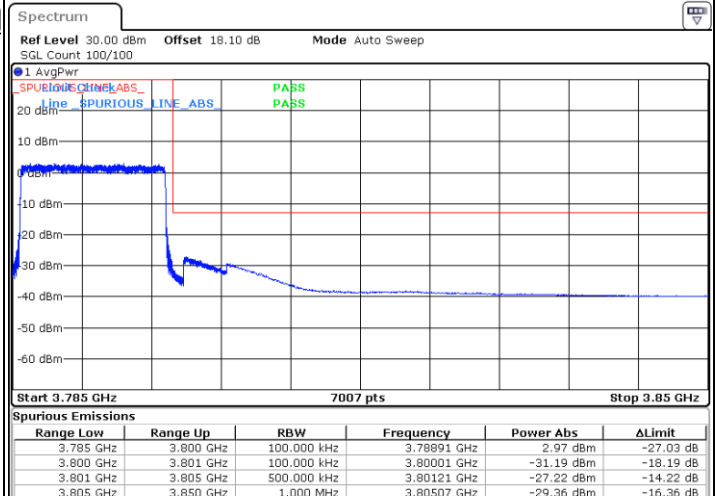
LTE Band 43 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 13.JUN.2024 15:22:21

Highest Band Edge / Full RB

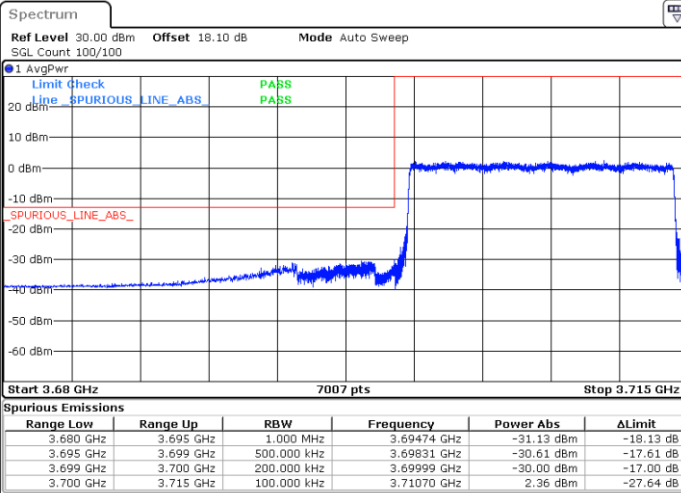


Date: 13.JUN.2024 15:31:35

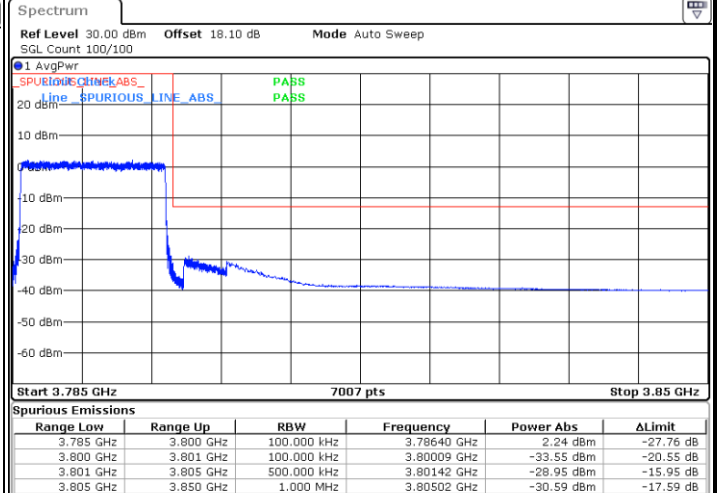


LTE Band 43 / 15MHz / 64QAM

Lowest Band Edge / Full RB

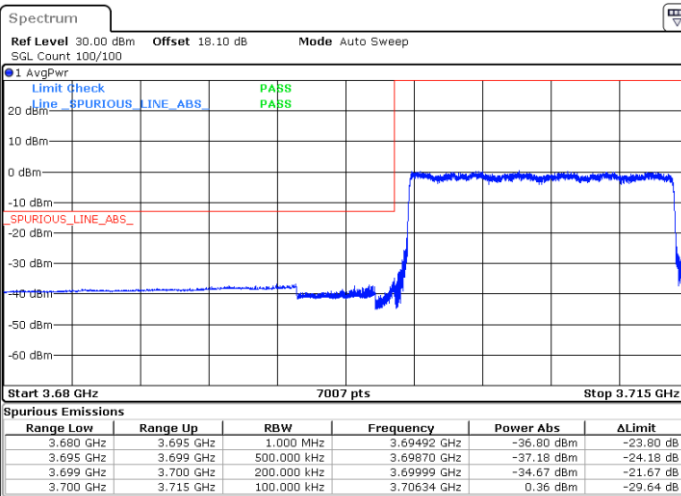


Highest Band Edge / Full RB

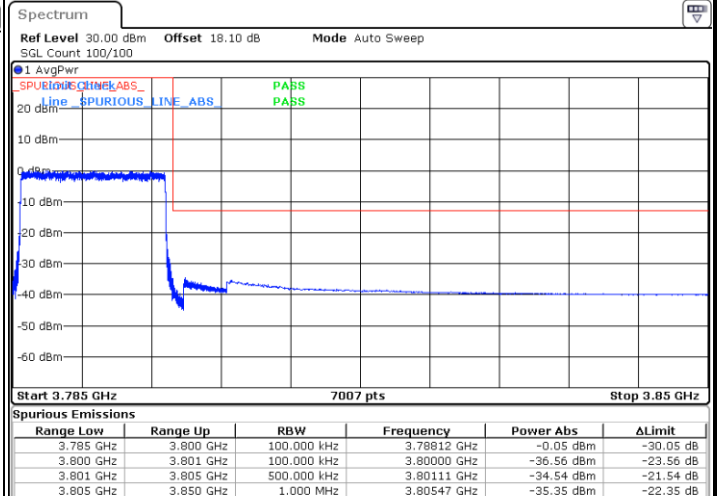


LTE Band 43 / 15MHz / 256QAM

Lowest Band Edge / Full RB



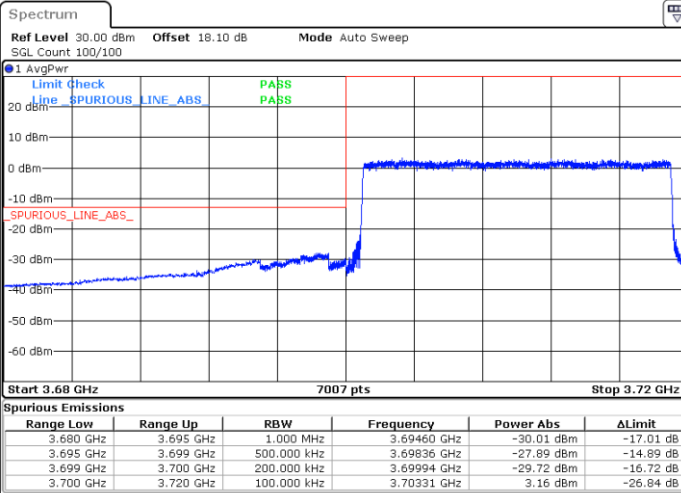
Highest Band Edge / Full RB



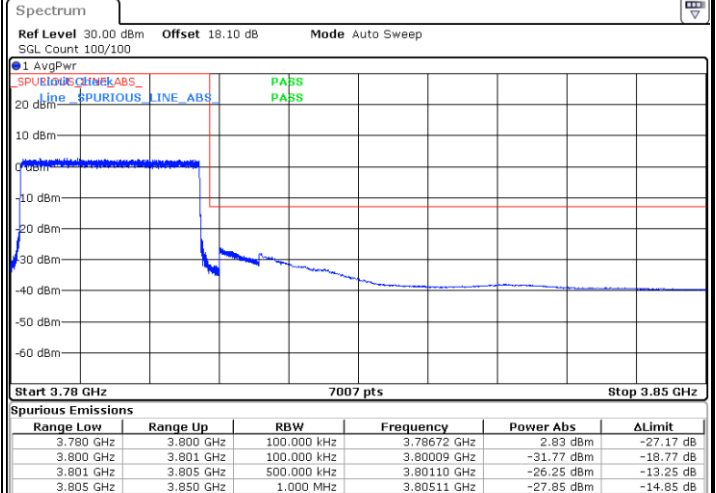


LTE Band 43 / 20MHz / QPSK

Lowest Band Edge / Full RB

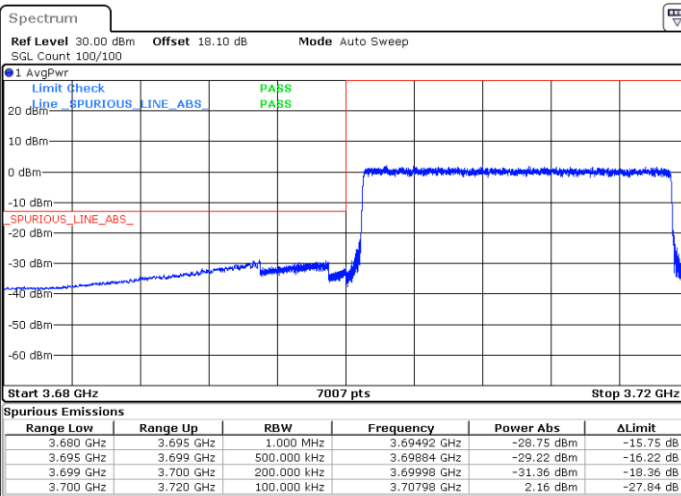


Highest Band Edge / Full RB

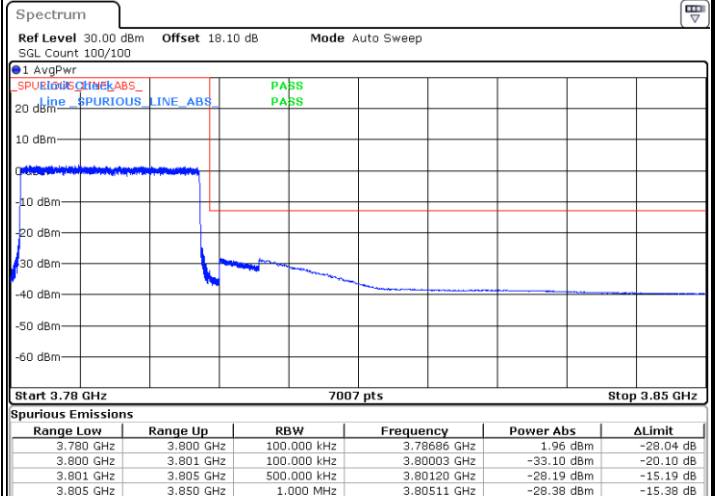


LTE Band 43 / 20MHz / 16QAM

Lowest Band Edge / Full RB



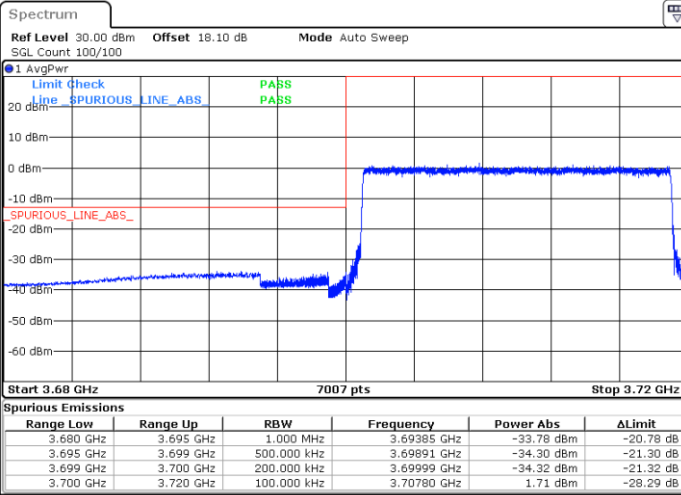
Highest Band Edge / Full RB



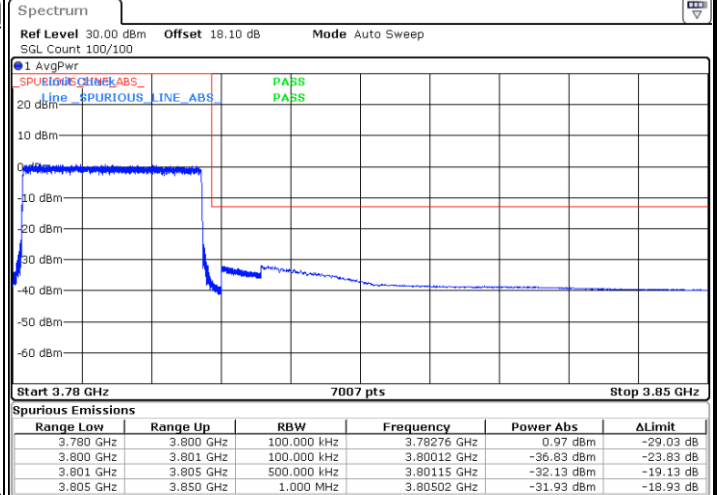


LTE Band 43 / 20MHz / 64QAM

Lowest Band Edge / Full RB

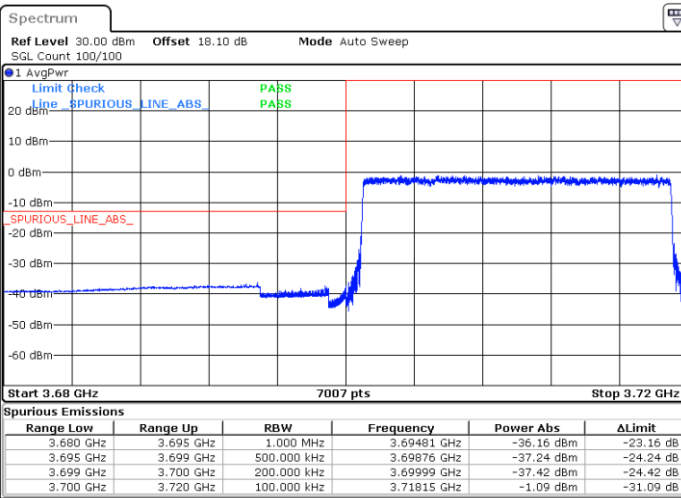


Highest Band Edge / Full RB

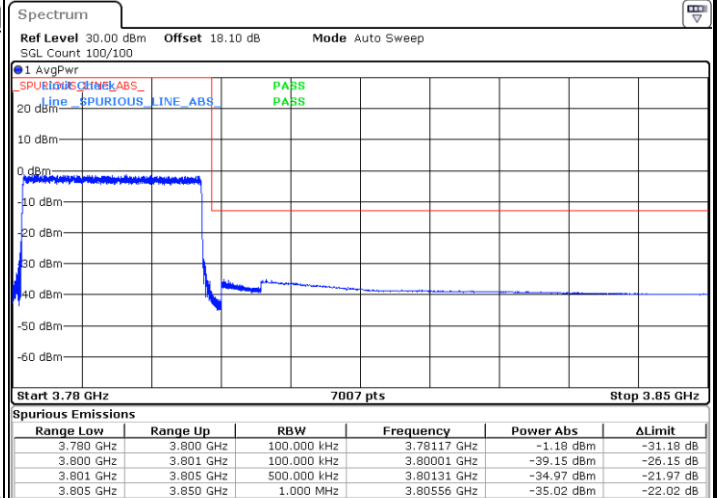


LTE Band 43 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

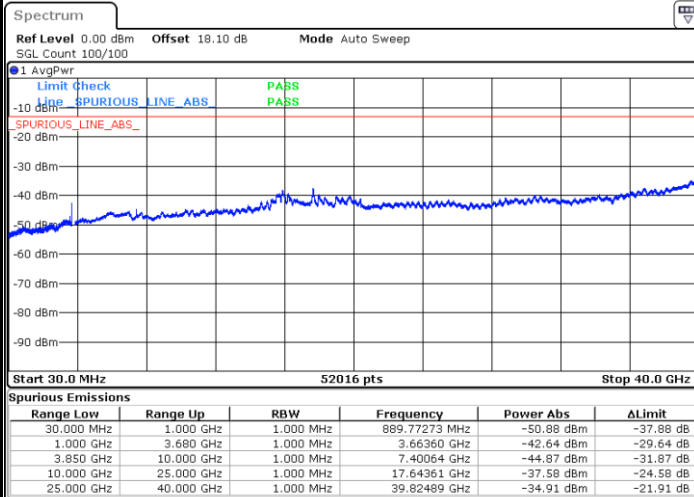




Conducted Spurious Emission

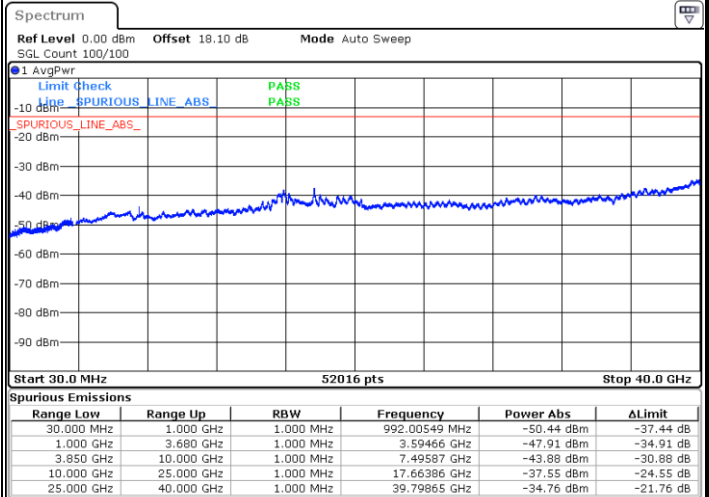
LTE Band 43 / 5MHz

Lowest Channel / QPSK



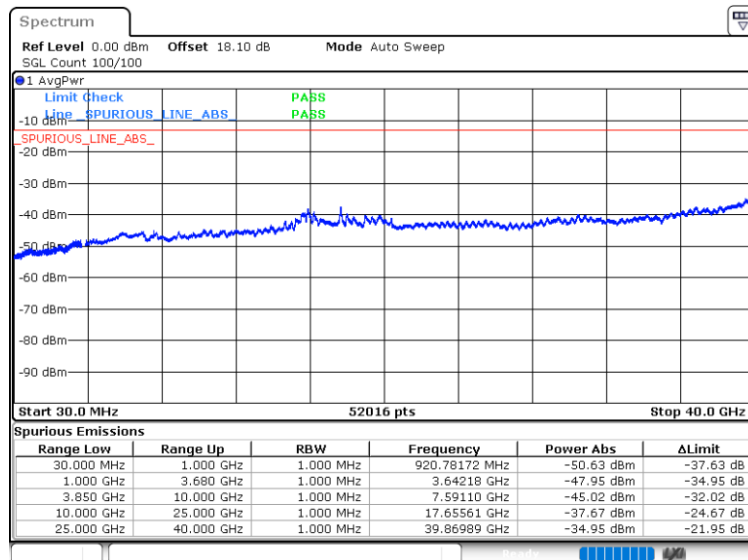
Date: 13.JUN.2024 14:49:36

Middle Channel / QPSK



Date: 13.JUN.2024 14:55:38

Highest Channel / QPSK

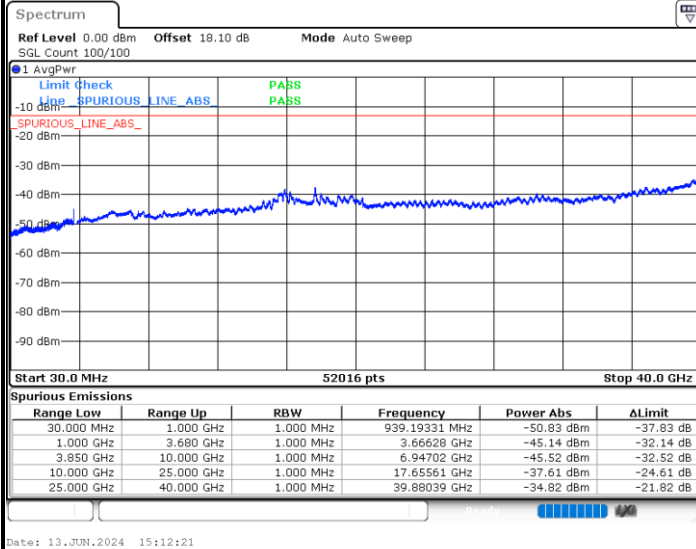


Date: 13.JUN.2024 15:06:06

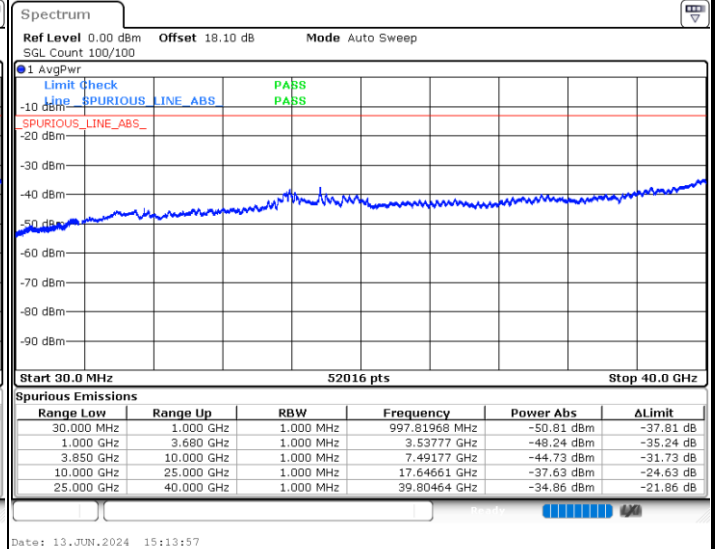


LTE Band 43 / 10MHz

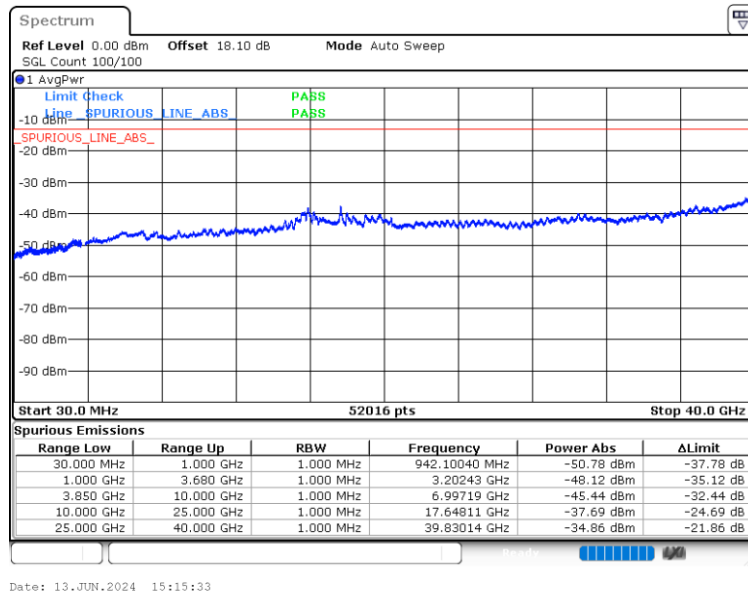
Lowest Channel / QPSK



Middle Channel / QPSK



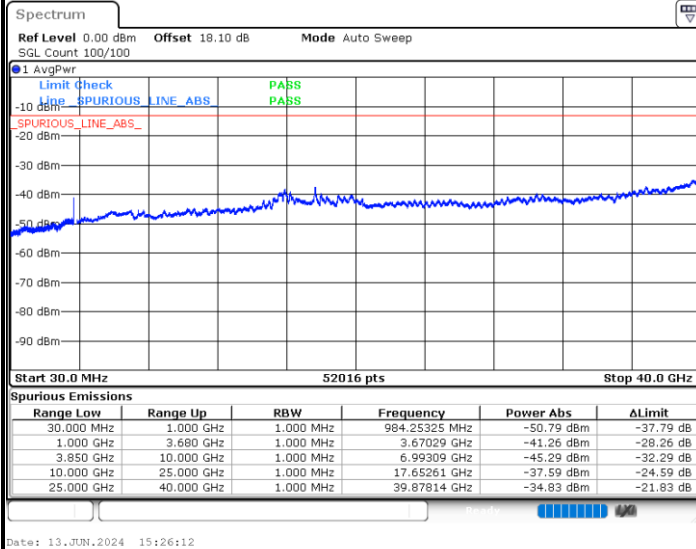
Highest Channel / QPSK



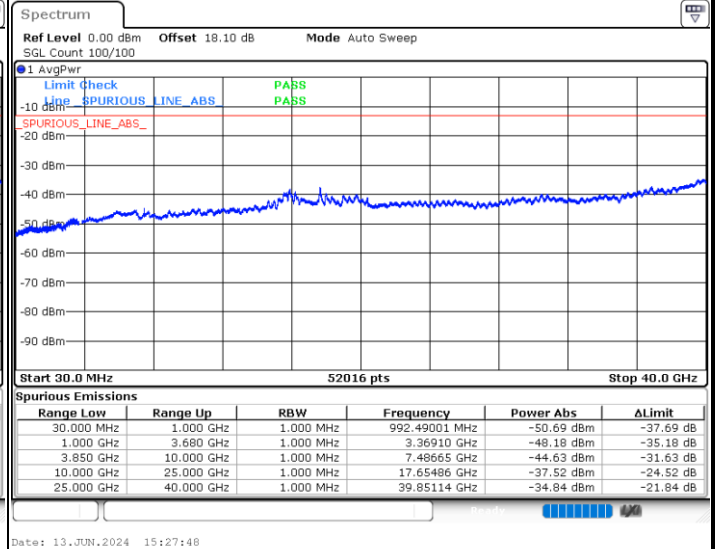


LTE Band 43 / 15MHz

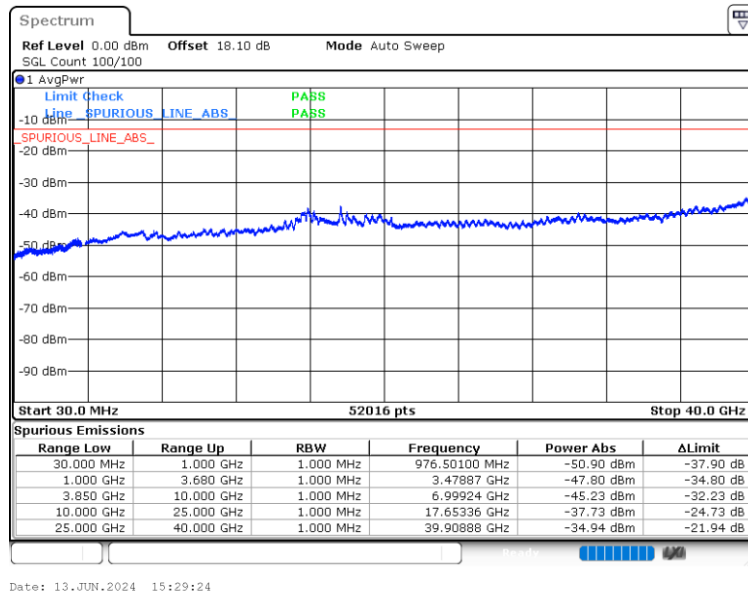
Lowest Channel / QPSK



Middle Channel / QPSK



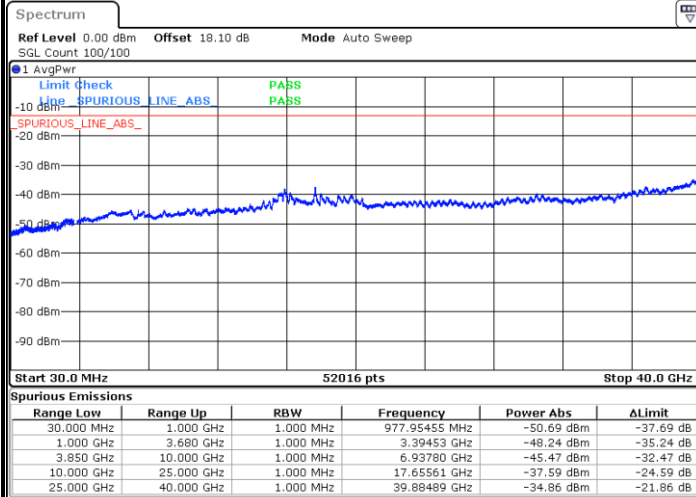
Highest Channel / QPSK





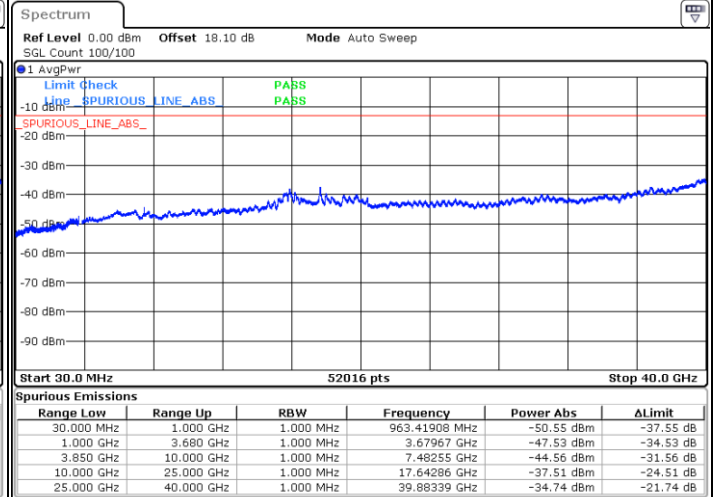
LTE Band 43 / 20MHz

Lowest Channel / QPSK



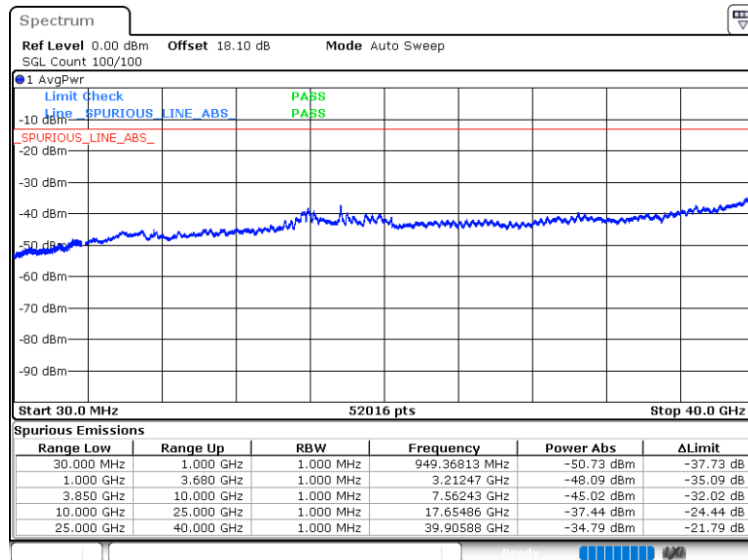
Date: 13.JUN.2024 15:39:55

Middle Channel / QPSK



Date: 13.JUN.2024 15:41:31

Highest Channel / QPSK



Date: 13.JUN.2024 15:43:12

Frequency Stability

Test Conditions		LTE Band 43 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

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 43C_Part 270

26dB Bandwidth

Mode	LTE Band 43C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.82	29.96	34.75	24.98
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.96	39.71	
BW	10MHz+15MHz	15MHz+10MHz	15MHz+15MHz	N/A
Middle CH	25.12	25.22	30.50	

Mode	LTE Band 43C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.62	29.85	34.75	24.93
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.89	39.88	
BW	10MHz+15MHz	15MHz+10MHz	15MHz+15MHz	N/A
Middle CH	25.07	25.22	30.62	

Mode	LTE Band 43C : 26dB BW(MHz)			
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.57	29.91	34.89	24.93
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.91	34.82	39.71	
BW	10MHz+15MHz	15MHz+10MHz	15MHz+15MHz	N/A
Middle CH	25.07	25.42	30.56	



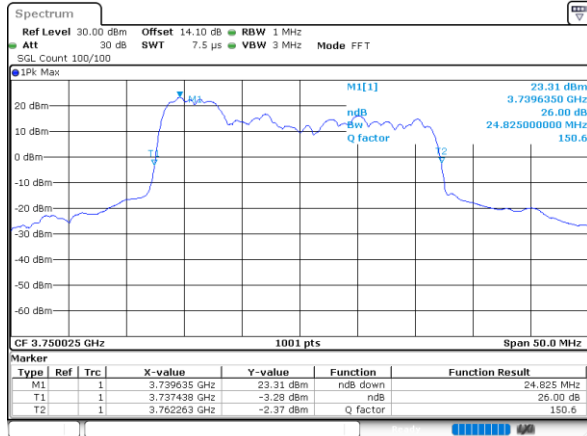
Mode	LTE Band 43C : 26dB BW(MHz)			
256QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.62	30.03	34.96	25.08
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.26	34.75	39.79	
BW	10MHz+15MHz	15MHz+10MHz	15MHz+15MHz	N/A
Middle CH	25.02	25.32	30.56	-



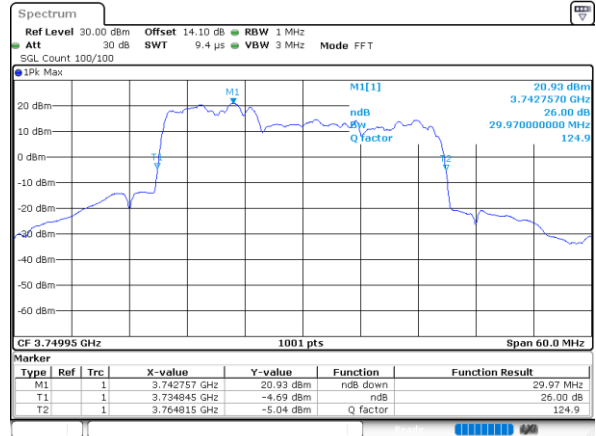
LTE Band 43C

QPSK

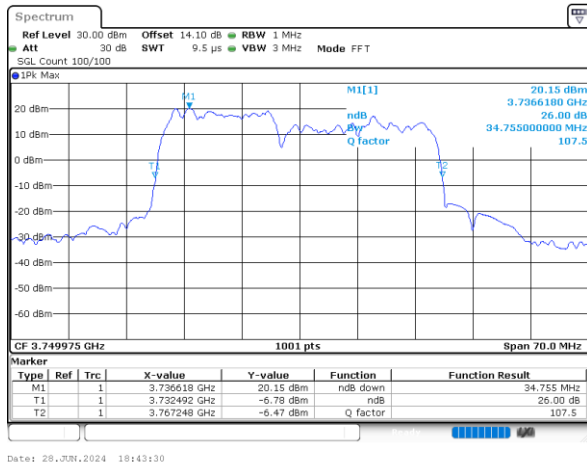
Middle Channel / 5MHz+20MHz



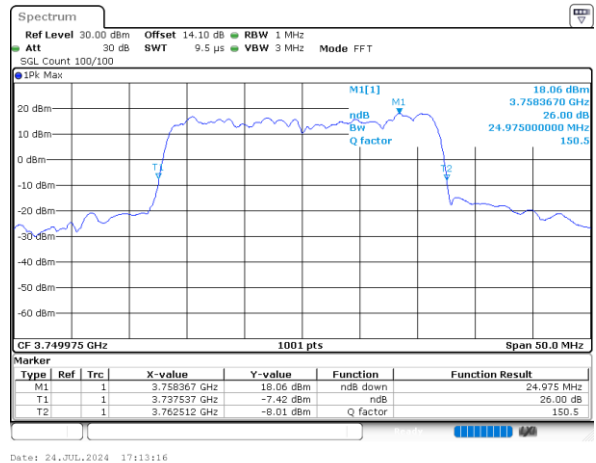
Middle Channel / 10MHz+20MHz



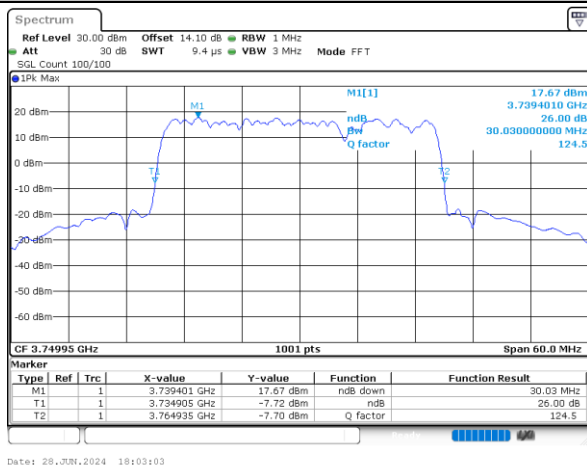
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz

