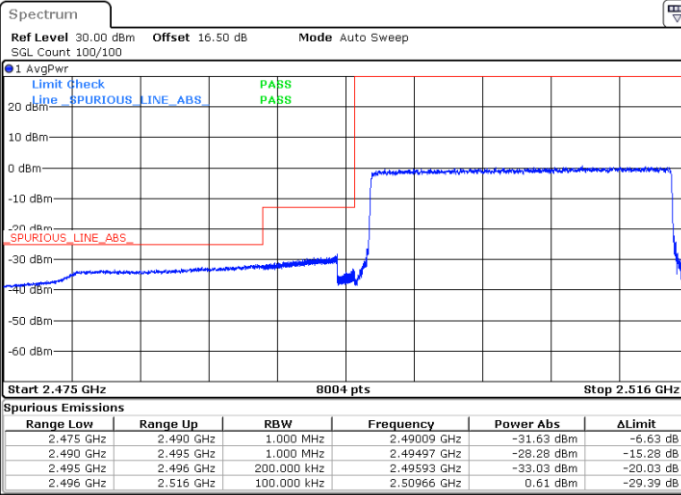




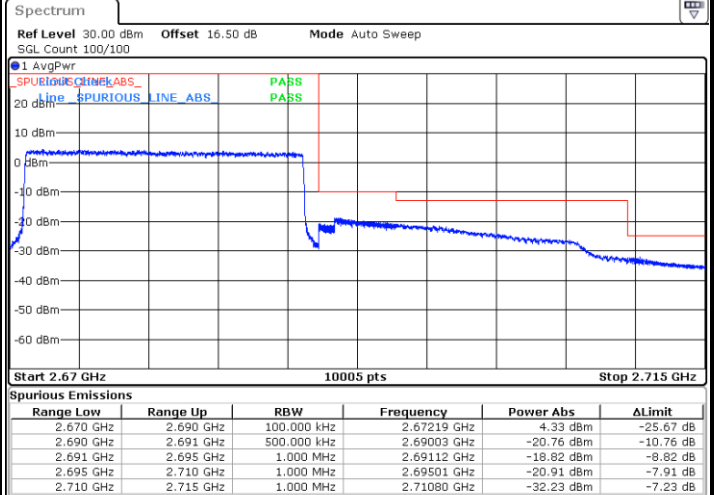
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:50:16

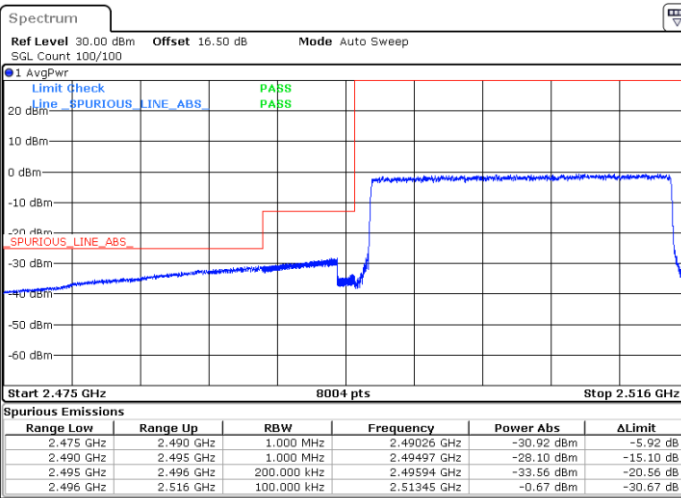
Highest Band Edge / Full RB



Date: 8.NOV.2024 22:54:30

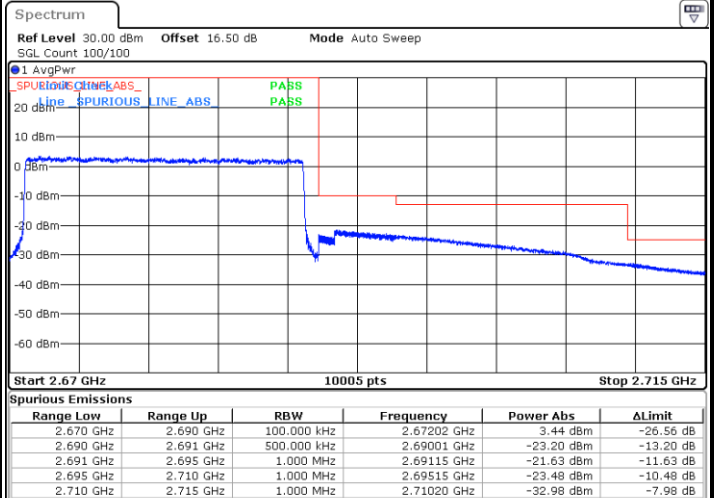
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:51:19

Highest Band Edge / Full RB

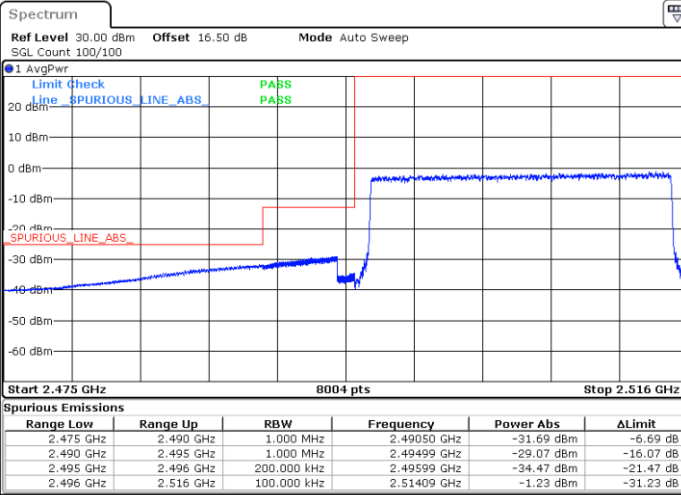


Date: 8.NOV.2024 22:55:33



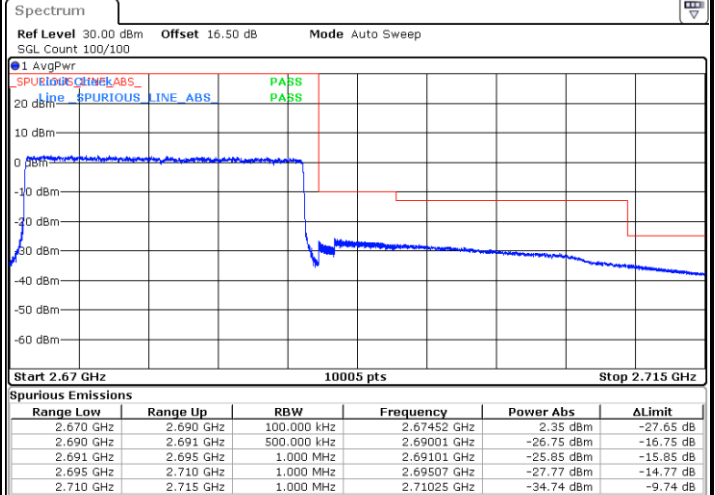
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:52:22

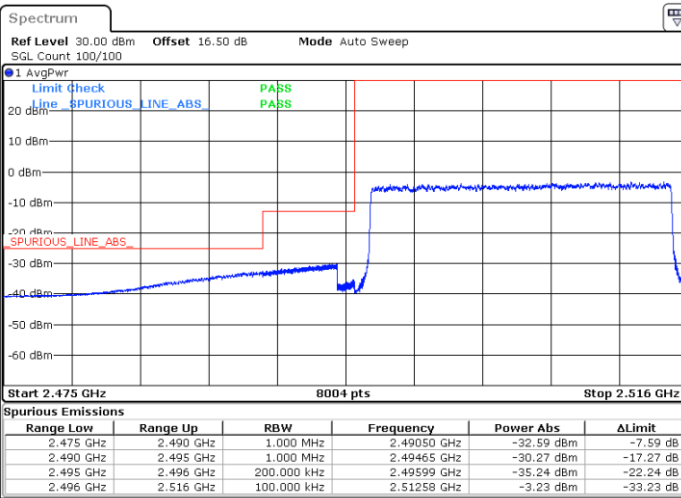
Highest Band Edge / Full RB



Date: 8.NOV.2024 22:56:36

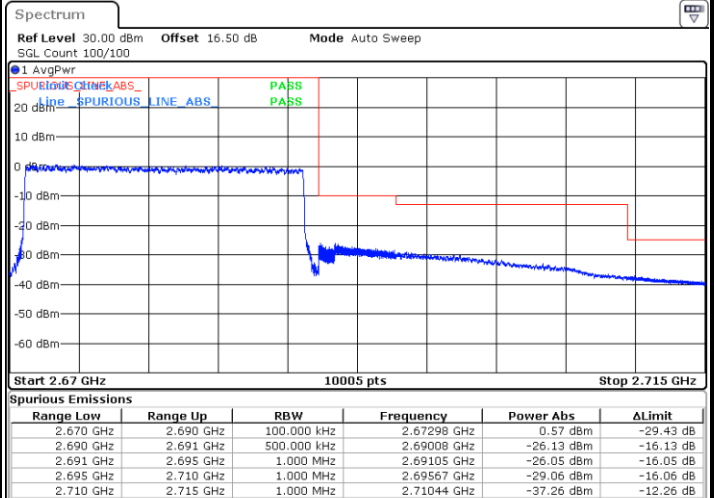
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:53:25

Highest Band Edge / Full RB



Date: 8.NOV.2024 22:57:38

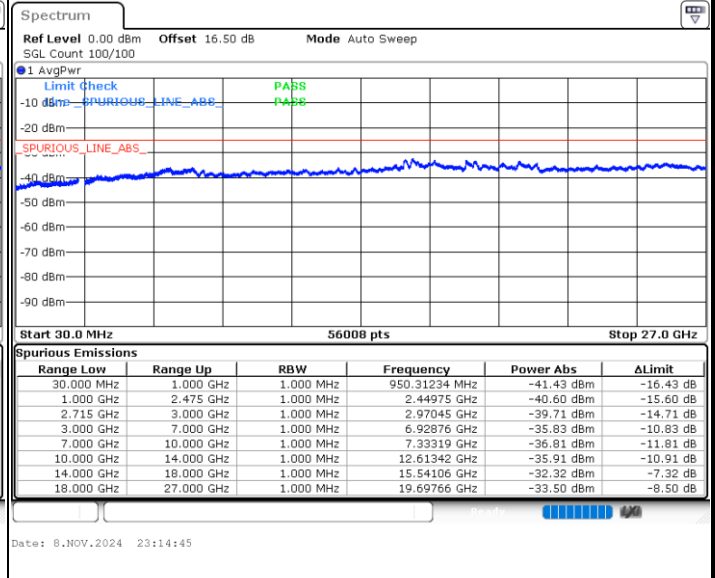
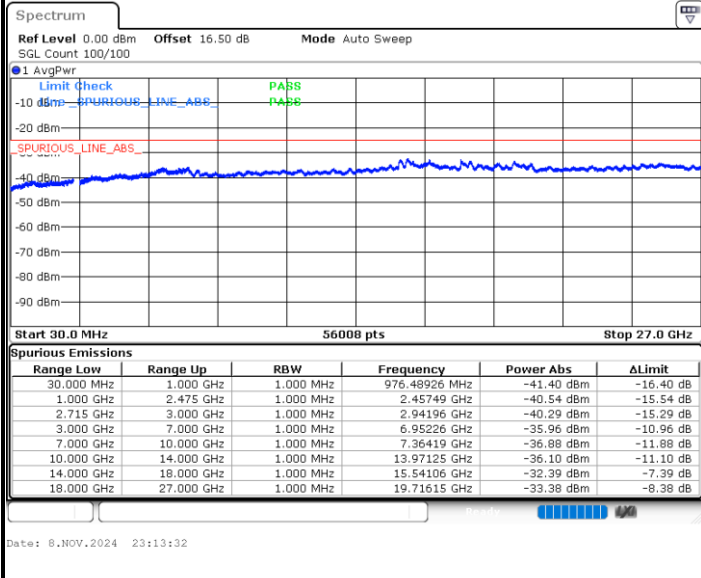


Conducted Spurious Emission

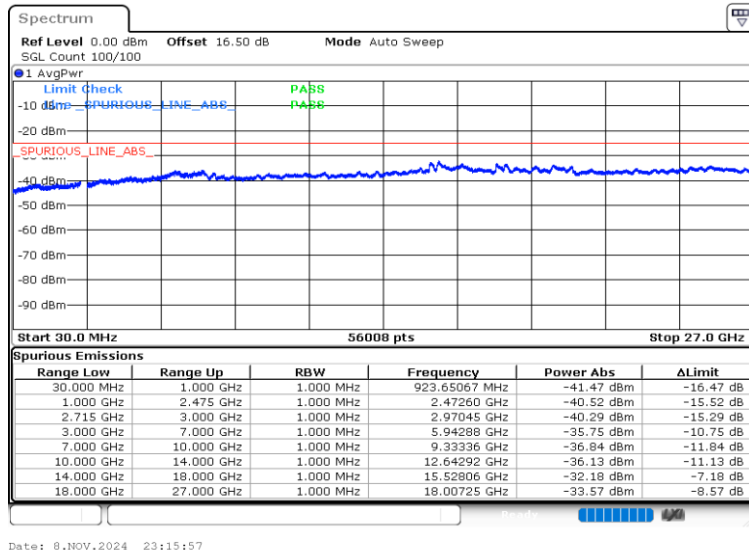
LTE Band 41 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

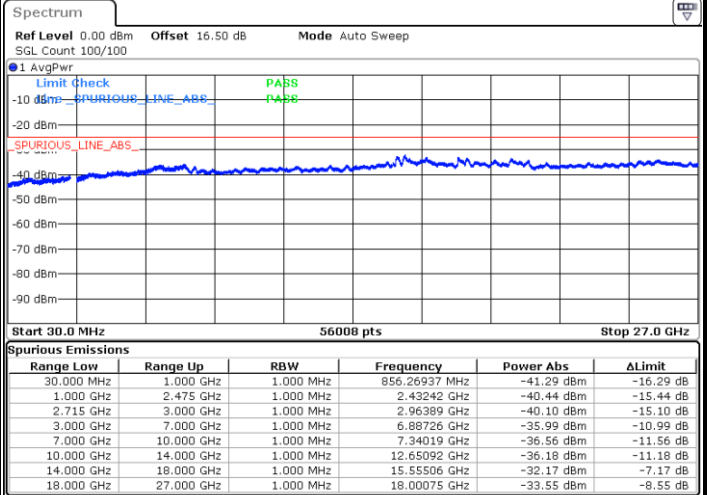
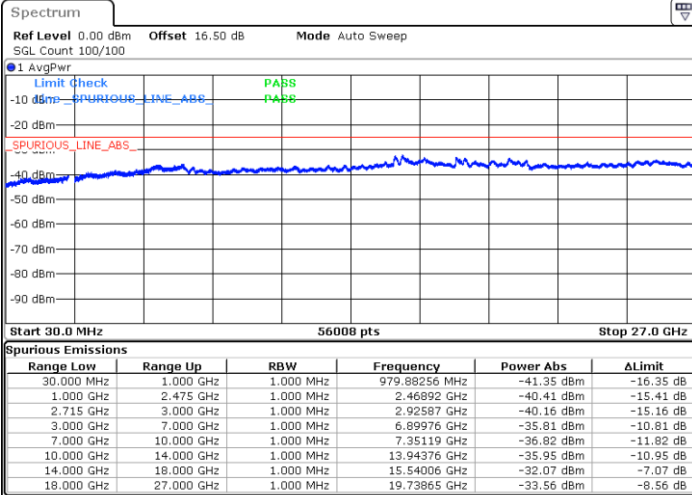




LTE Band 41 / 10MHz

Lowest Channel / QPSK

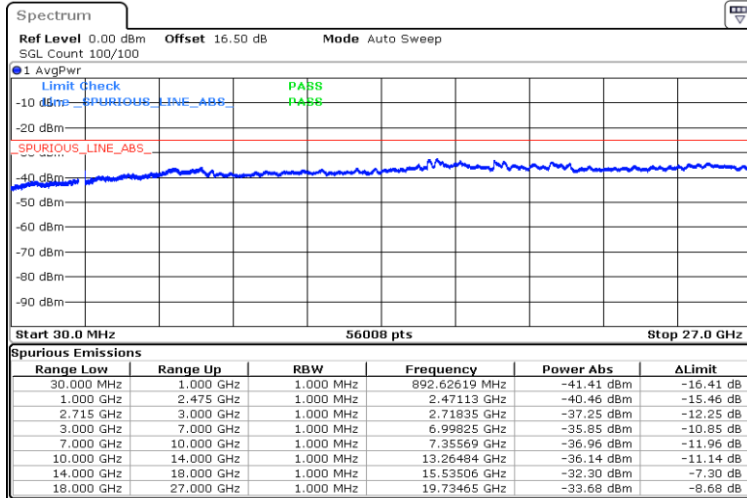
Middle Channel / QPSK



Date: 8.NOV.2024 23:17:12

Date: 8.NOV.2024 23:18:25

Highest Channel / QPSK



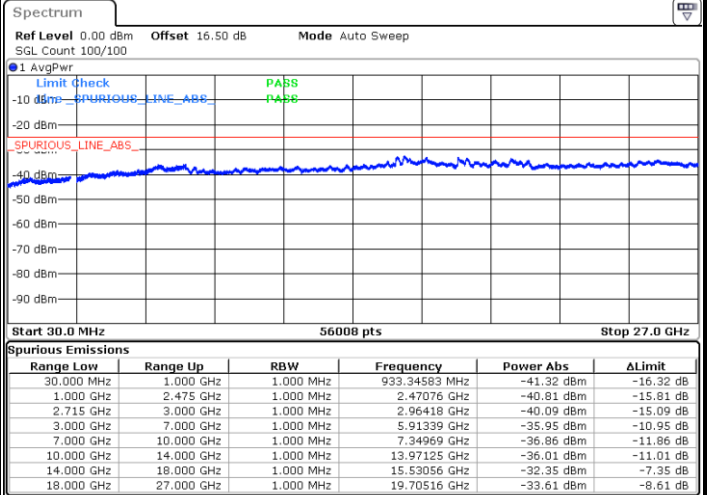
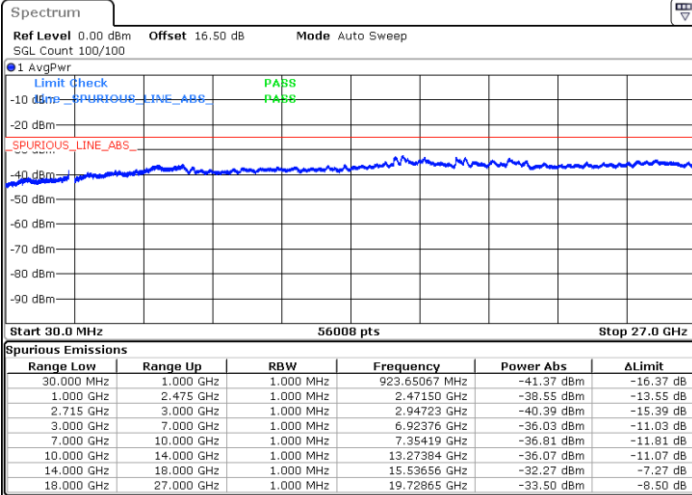
Date: 8.NOV.2024 23:19:37



LTE Band 41 / 15MHz

Lowest Channel / QPSK

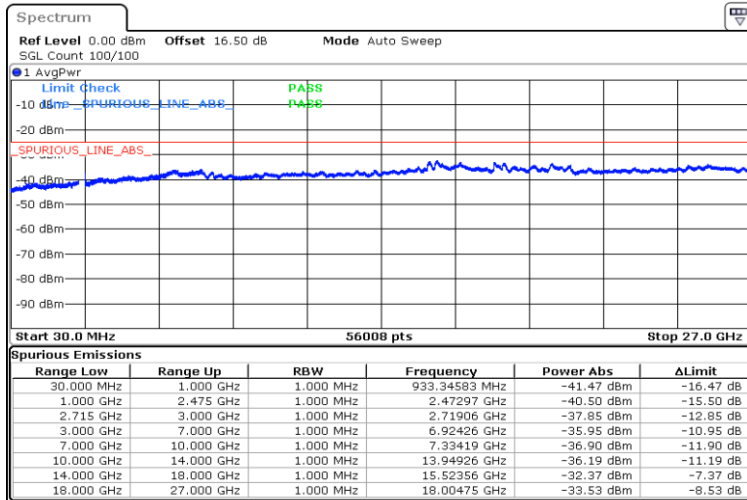
Middle Channel / QPSK



Date: 8.NOV.2024 23:20:52

Date: 8.NOV.2024 23:22:05

Highest Channel / QPSK



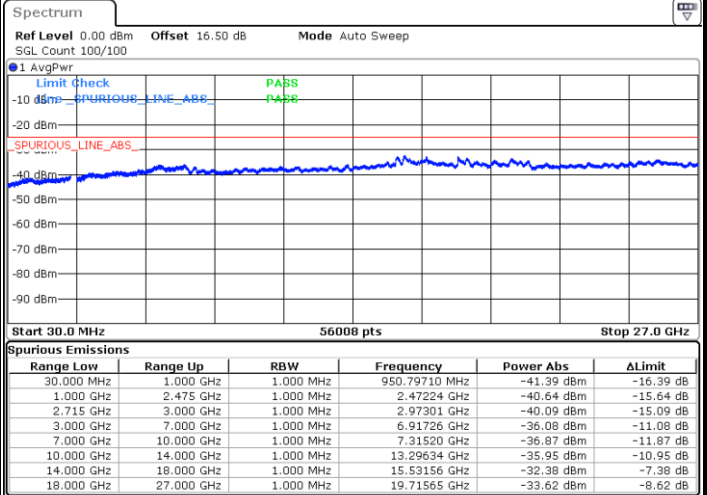
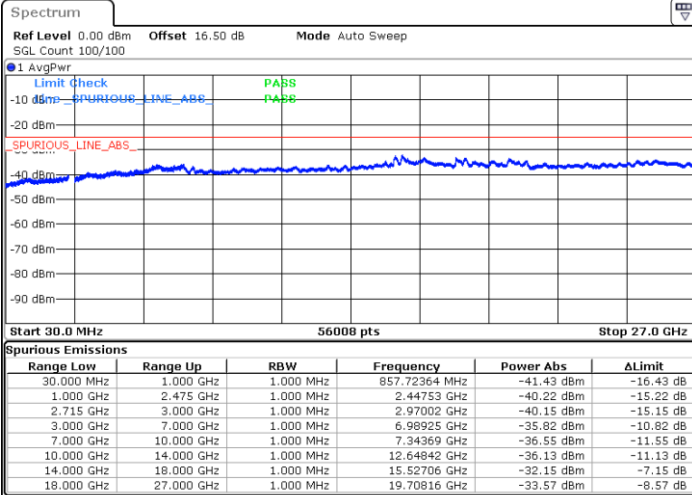
Date: 8.NOV.2024 23:23:17



LTE Band 41 / 20MHz

Lowest Channel / QPSK

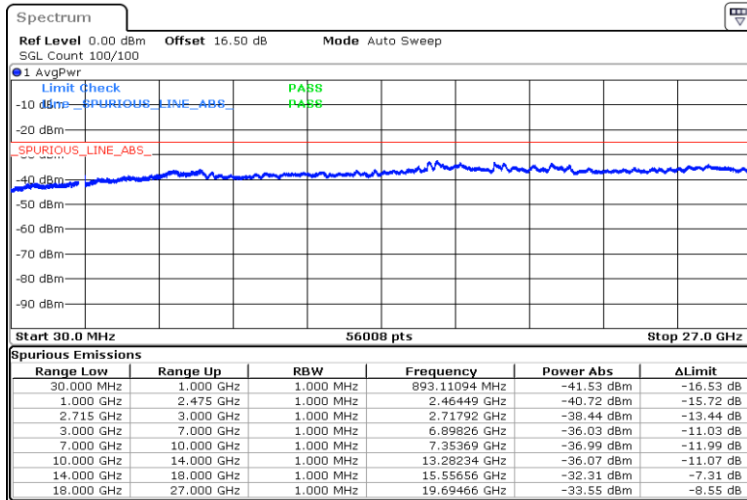
Middle Channel / QPSK



Date: 8.NOV.2024 23:24:32

Date: 8.NOV.2024 23:25:45

Highest Channel / QPSK



Date: 8.NOV.2024 23:26:57



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0035	PASS
40	Normal Voltage	0.0040	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0007	

Note:

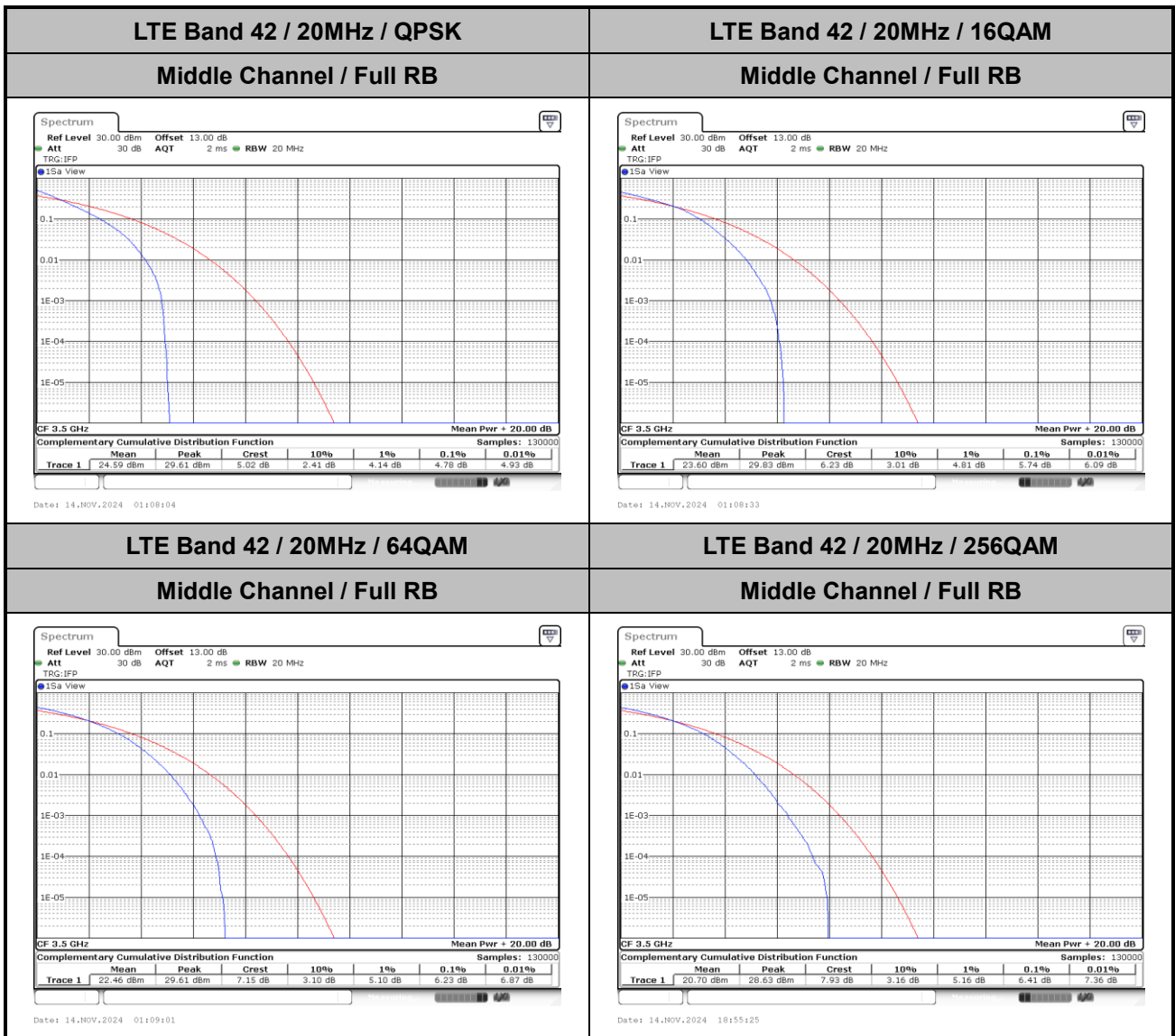
- 1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 3.465 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 42_HPUE

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	4.78	5.74	6.23	6.41	PASS





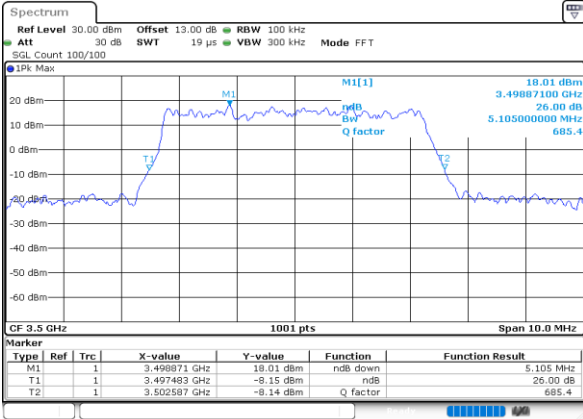
26dB Bandwidth

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	-	-	-	-	5.10	5.10	9.86	9.66	14.53	14.50	18.74	19.30
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	-	-	-	-	4.79	4.96	9.83	9.84	14.53	14.26	19.34	18.62



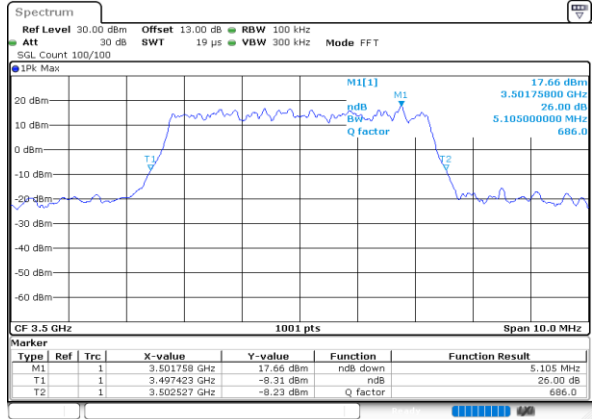
LTE Band 42

Middle Channel / 5MHz / QPSK



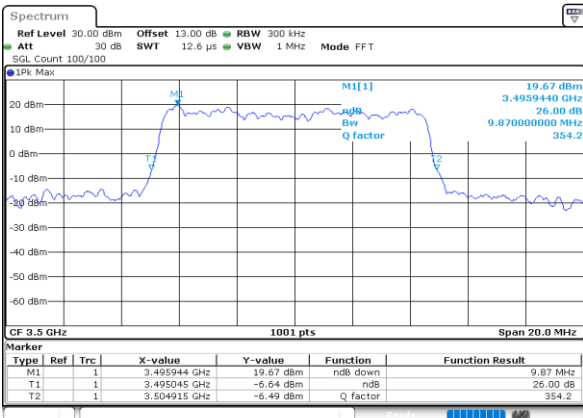
Date: 14.NOV.2024 01:00:21

Middle Channel / 5MHz / 16QAM



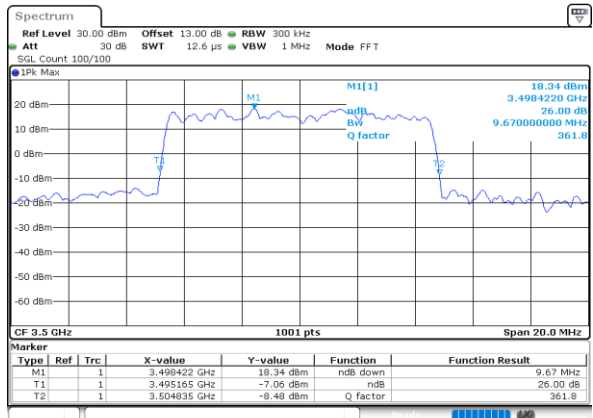
Date: 14.NOV.2024 01:00:48

Middle Channel / 10MHz / QPSK



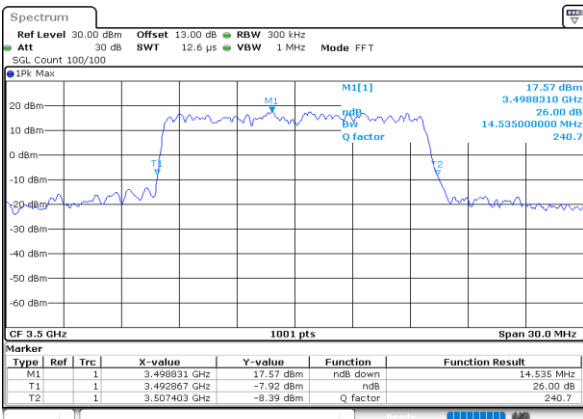
Date: 14.NOV.2024 01:02:17

Middle Channel / 10MHz / 16QAM



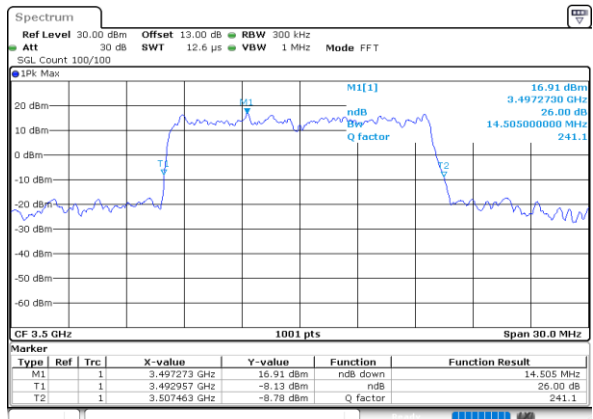
Date: 14.NOV.2024 01:02:45

Middle Channel / 15MHz / QPSK



Date: 14.NOV.2024 01:04:14

Middle Channel / 15MHz / 16QAM

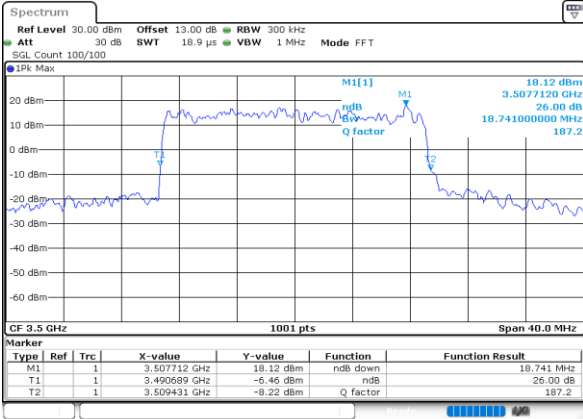


Date: 14.NOV.2024 01:04:42



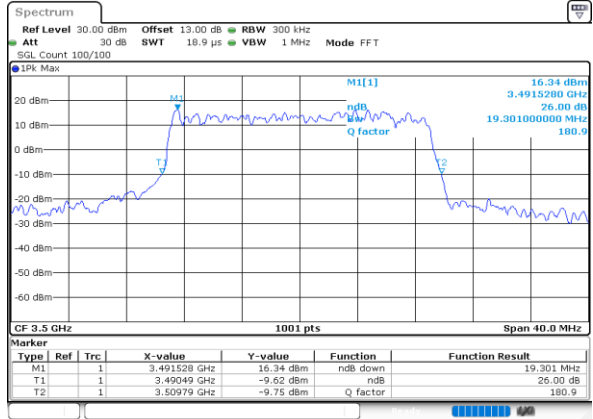
LTE Band 42

Middle Channel / 20MHz / QPSK



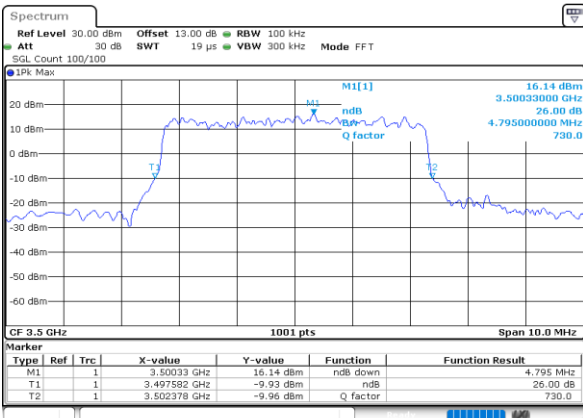
Date: 14.NOV.2024 01:06:11

Middle Channel / 20MHz / 16QAM



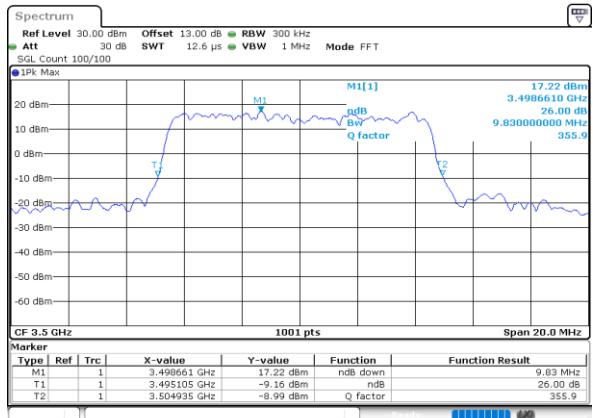
Date: 14.NOV.2024 01:06:13

Middle Channel / 5MHz / 64QAM



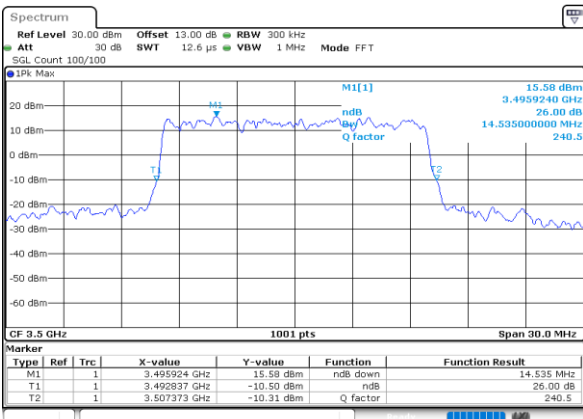
Date: 14.NOV.2024 01:01:16

Middle Channel / 10MHz / 64QAM



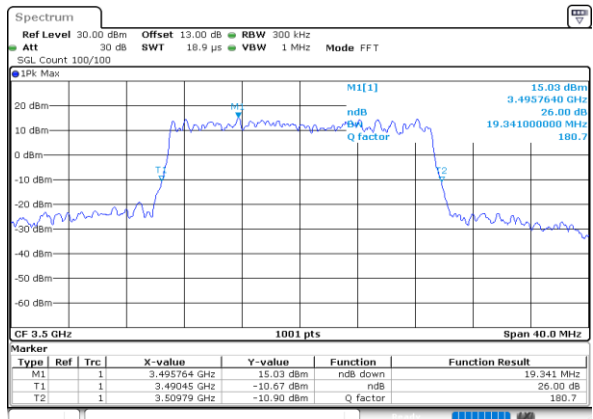
Date: 14.NOV.2024 01:03:13

Middle Channel / 15MHz / 64QAM



Date: 14.NOV.2024 01:05:10

Middle Channel / 20MHz / 64QAM

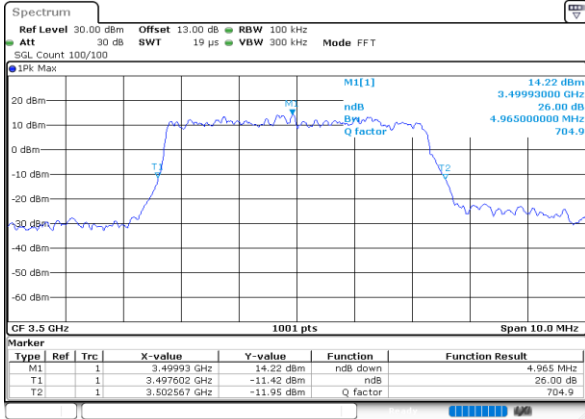


Date: 14.NOV.2024 01:07:07



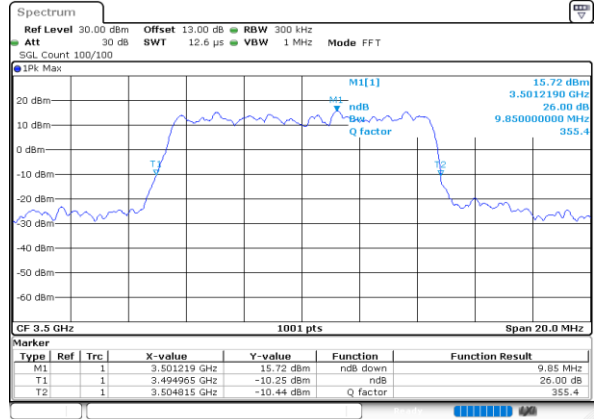
LTE Band 42

Middle Channel / 5MHz / 256QAM



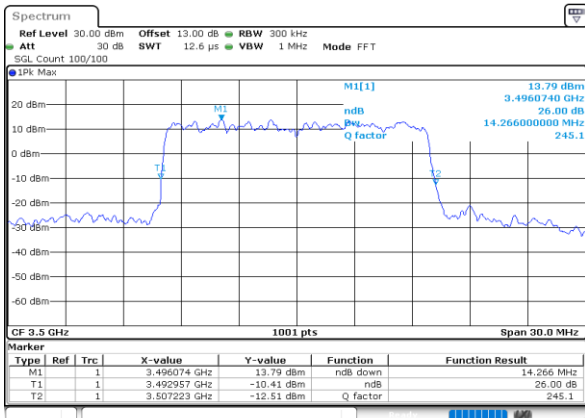
Date: 14.NOV.2024 01:01:44

Middle Channel / 10MHz / 256QAM



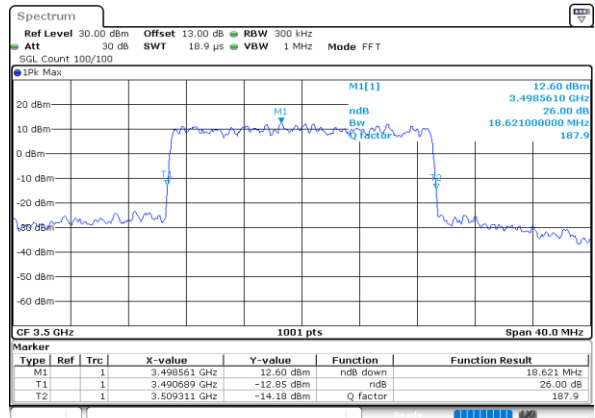
Date: 14.NOV.2024 01:03:41

Middle Channel / 15MHz / 256QAM



Date: 14.NOV.2024 01:05:38

Middle Channel / 20MHz / 256QAM



Date: 14.NOV.2024 01:07:35



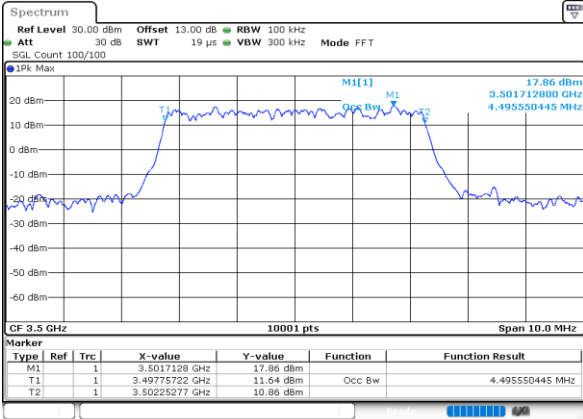
Occupied Bandwidth

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	-	-	-	-	4.49	4.45	9.02	8.99	13.39	13.46	17.86	17.87
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	-	-	-	-	4.48	4.51	9.01	9.03	13.50	13.45	17.80	17.90



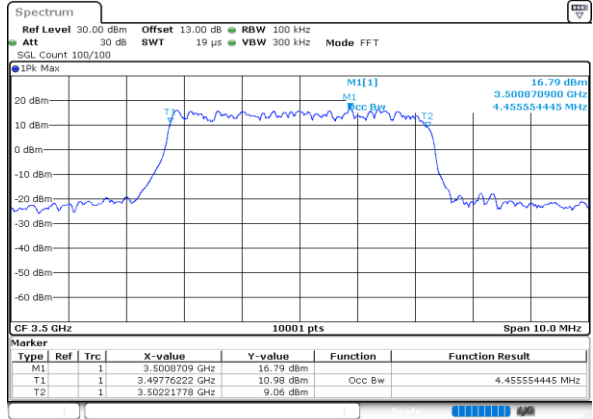
LTE Band 42

Middle Channel / 5MHz / QPSK



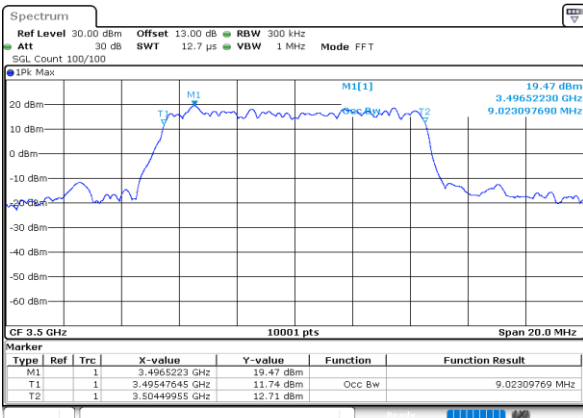
Date: 14.NOV.2024 00:52:31

Middle Channel / 5MHz / 16QAM



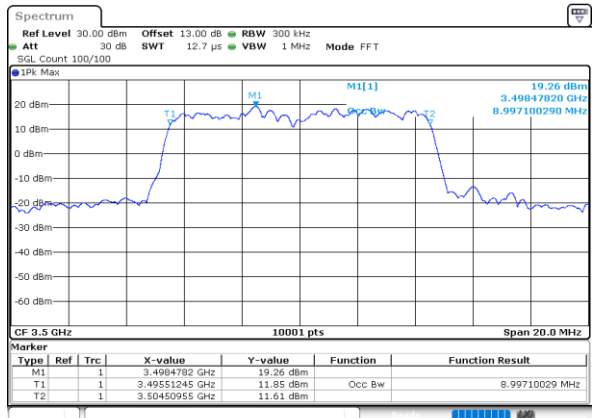
Date: 14.NOV.2024 00:52:59

Middle Channel / 10MHz / QPSK



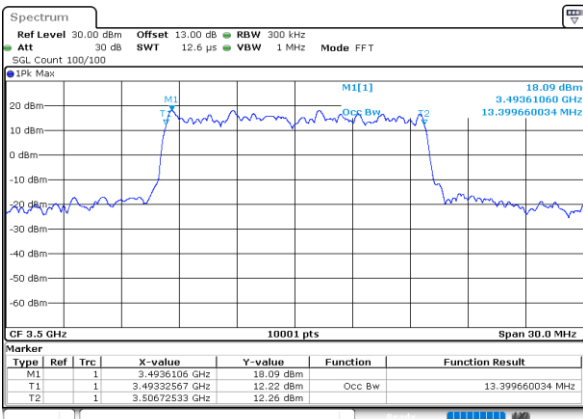
Date: 14.NOV.2024 00:54:28

Middle Channel / 10MHz / 16QAM



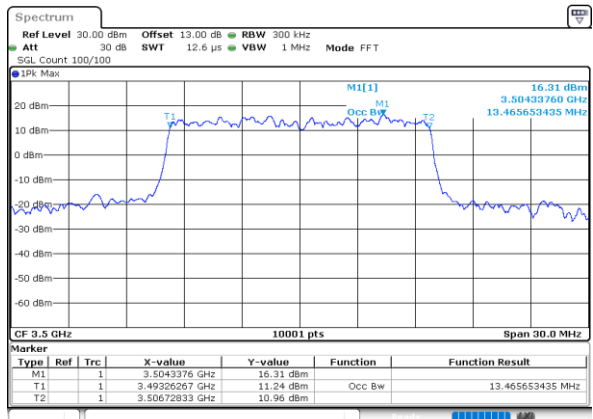
Date: 14.NOV.2024 00:54:56

Middle Channel / 15MHz / QPSK



Date: 14.NOV.2024 00:56:26

Middle Channel / 15MHz / 16QAM

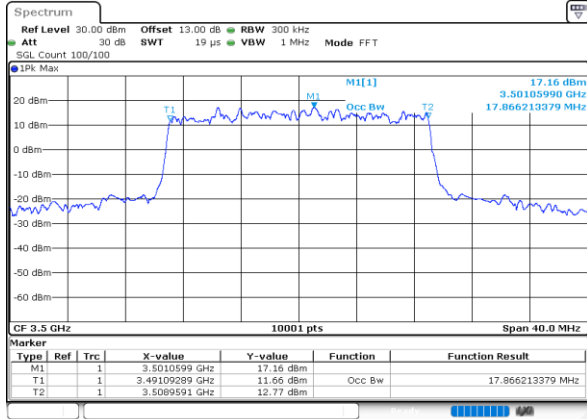


Date: 14.NOV.2024 00:56:54



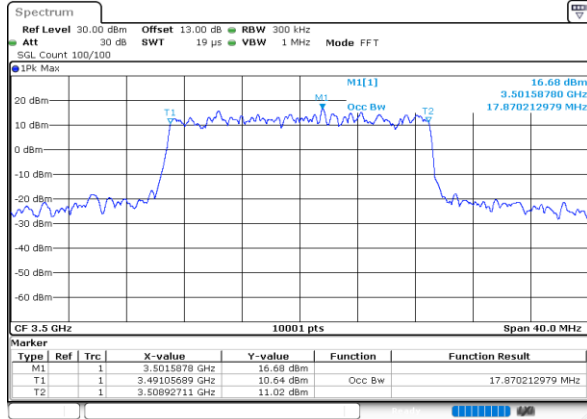
LTE Band 42

Middle Channel / 20MHz / QPSK



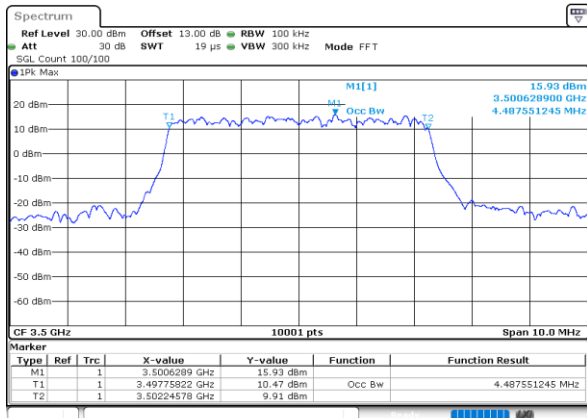
Date: 14.NOV.2024 00:58:23

Middle Channel / 20MHz / 16QAM



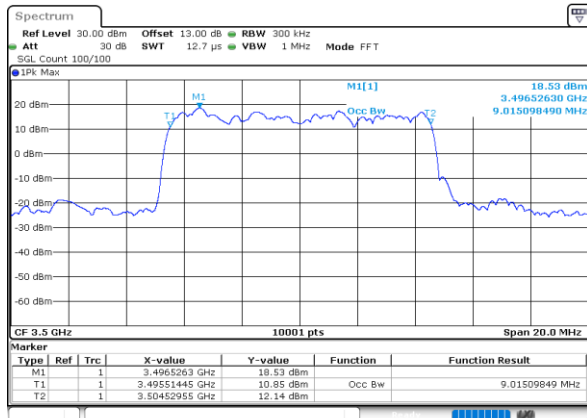
Date: 14.NOV.2024 00:58:51

Middle Channel / 5MHz / 64QAM



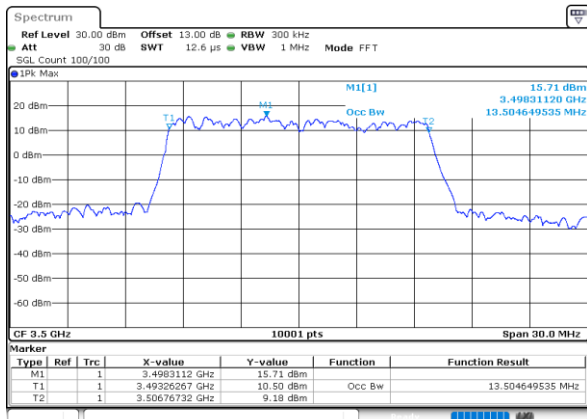
Date: 14.NOV.2024 00:53:27

Middle Channel / 10MHz / 64QAM



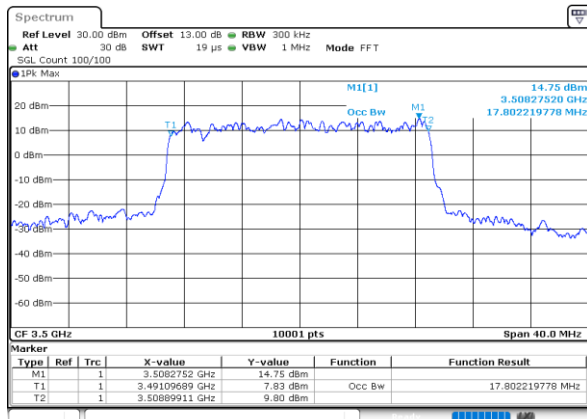
Date: 14.NOV.2024 00:55:24

Middle Channel / 15MHz / 64QAM



Date: 14.NOV.2024 00:57:22

Middle Channel / 20MHz / 64QAM

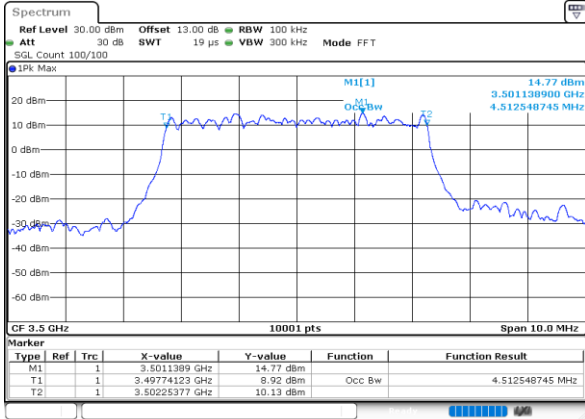


Date: 14.NOV.2024 00:59:19



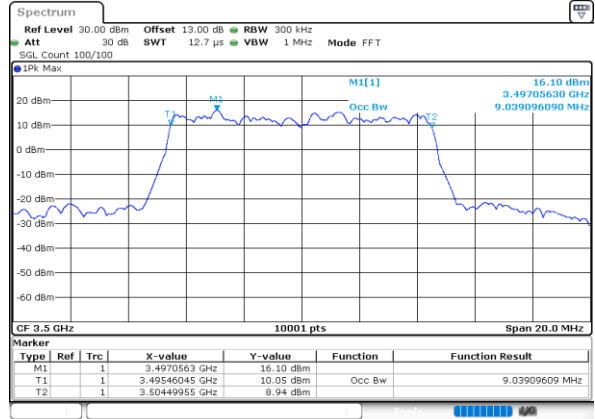
LTE Band 42

Middle Channel / 5MHz / 256QAM



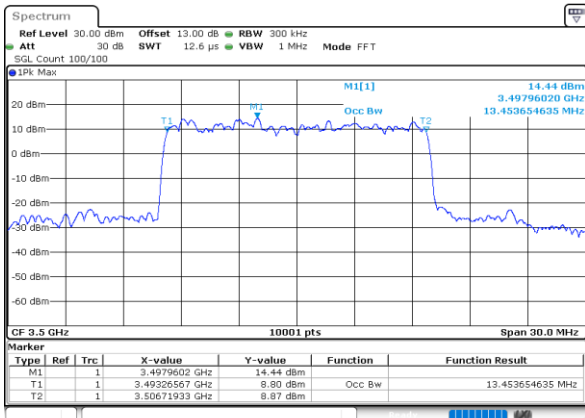
Date: 14.NOV.2024 00:53:55

Middle Channel / 10MHz / 256QAM



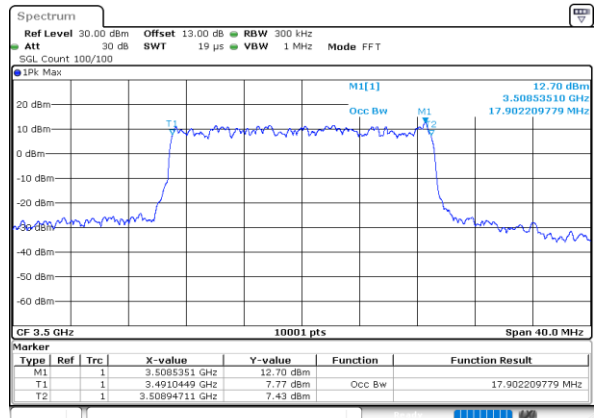
Date: 14.NOV.2024 00:55:52

Middle Channel / 15MHz / 256QAM



Date: 14.NOV.2024 00:57:50

Middle Channel / 20MHz / 256QAM



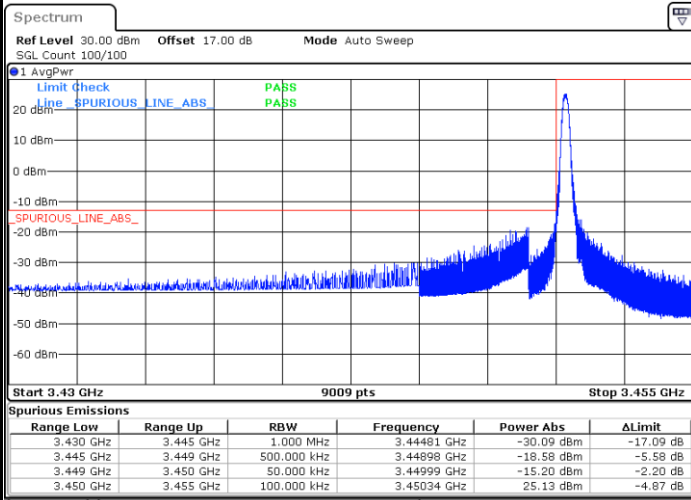
Date: 14.NOV.2024 00:59:47



Conducted Band Edge

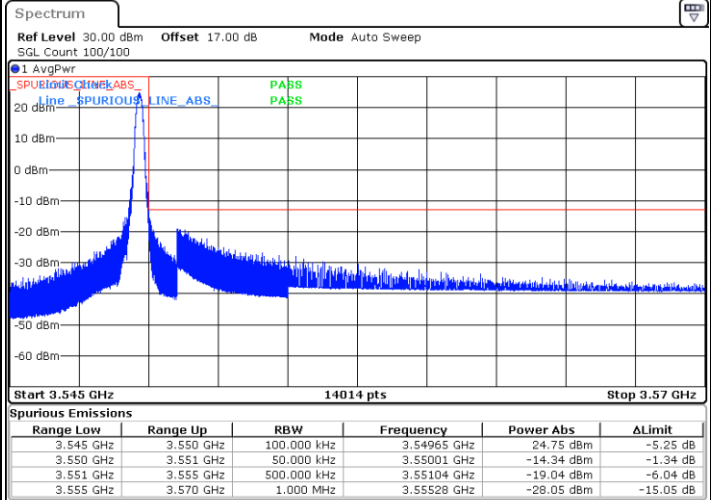
LTE Band 42 / 5MHz / QPSK

Lowest Band Edge / 1 RB



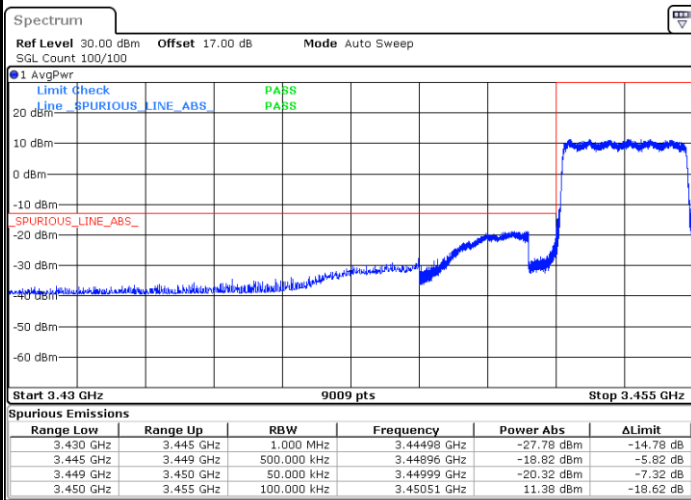
Date: 14.NOV.2024 00:07:29

Highest Band Edge / 1 RB



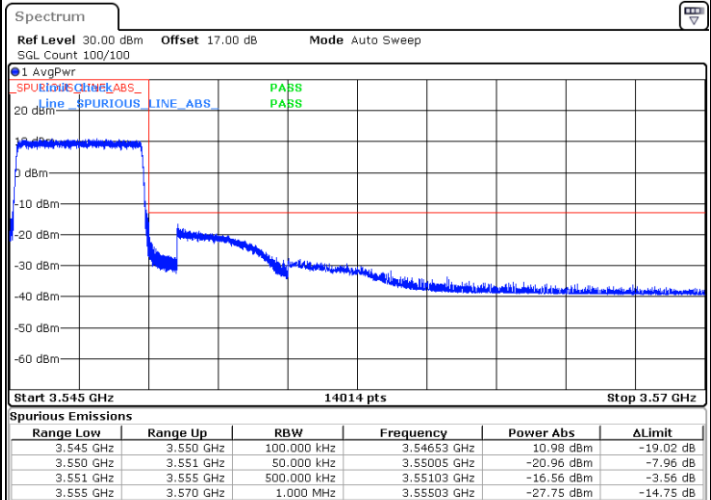
Date: 14.NOV.2024 00:16:36

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:12:02

Highest Band Edge / Full RB

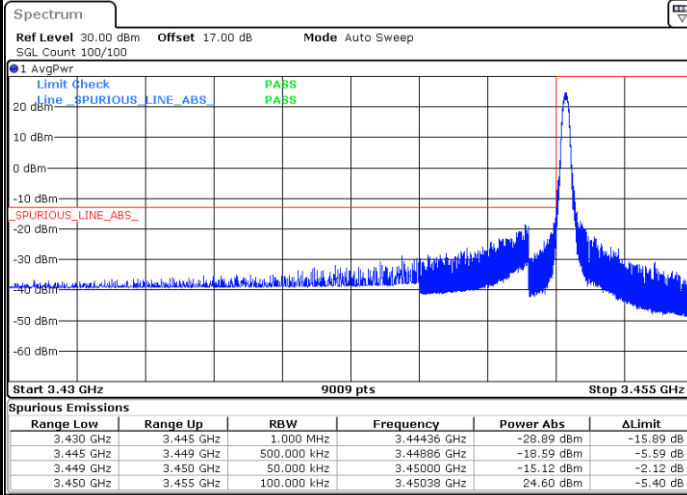


Date: 14.NOV.2024 00:21:06



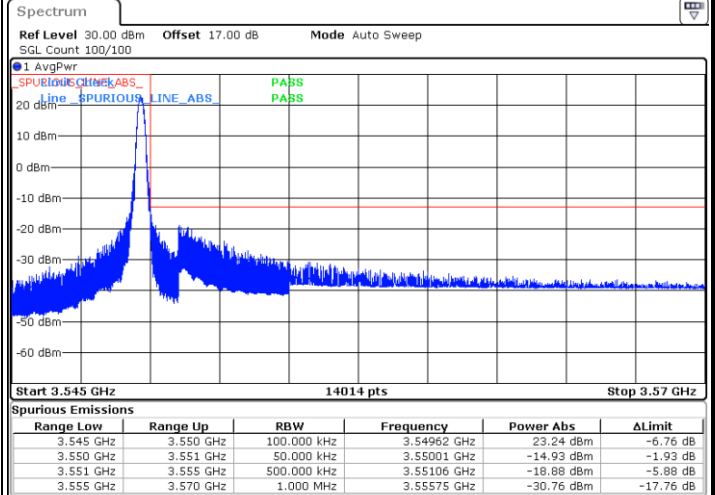
LTE Band 42 / 5MHz / 16QAM

Lowest Band Edge / 1RB



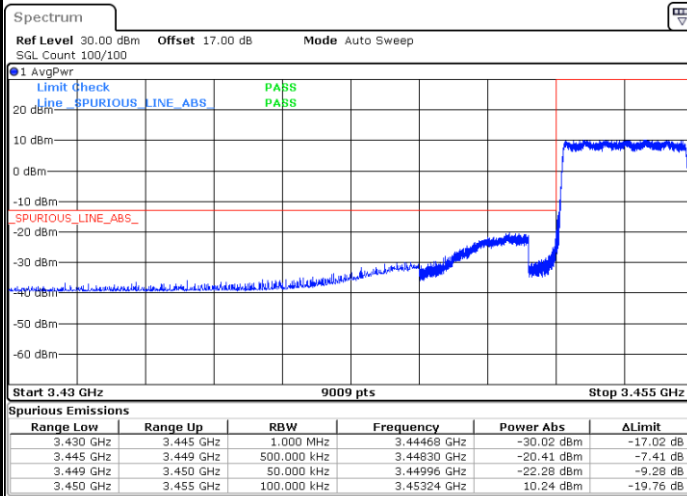
Date: 14.NOV.2024 00:08:37

Highest Band Edge / 1 RB



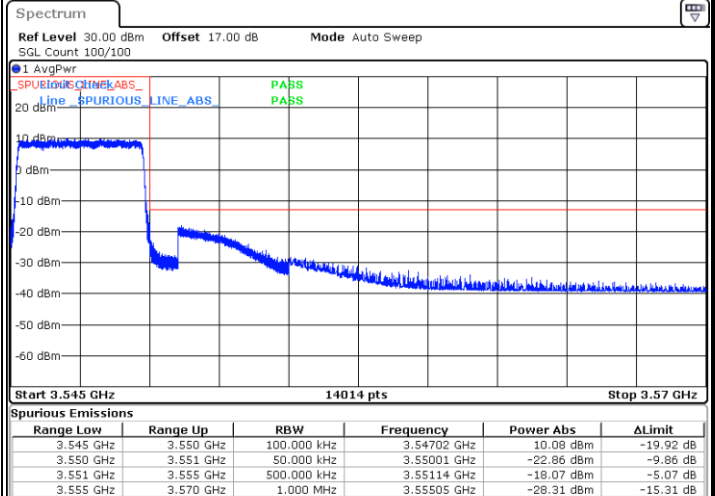
Date: 14.NOV.2024 18:48:39

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:13:10

Highest Band Edge / Full RB

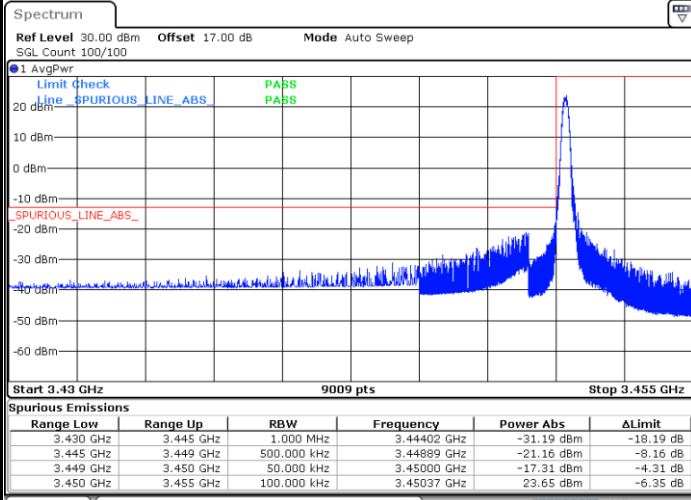


Date: 14.NOV.2024 00:22:14



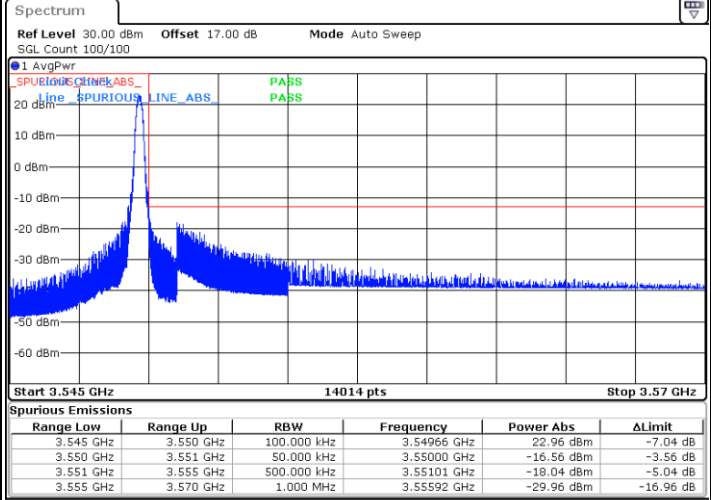
LTE Band 42 / 5MHz / 64QAM

Lowest Band Edge / 1RB



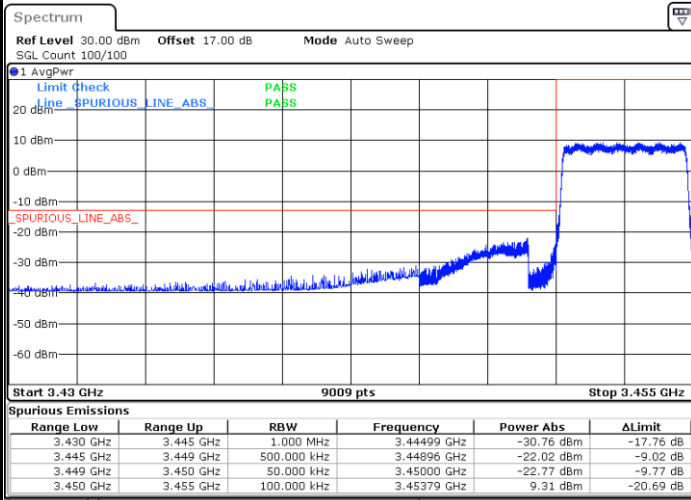
Date: 14.NOV.2024 00:09:44

Highest Band Edge / 1 RB



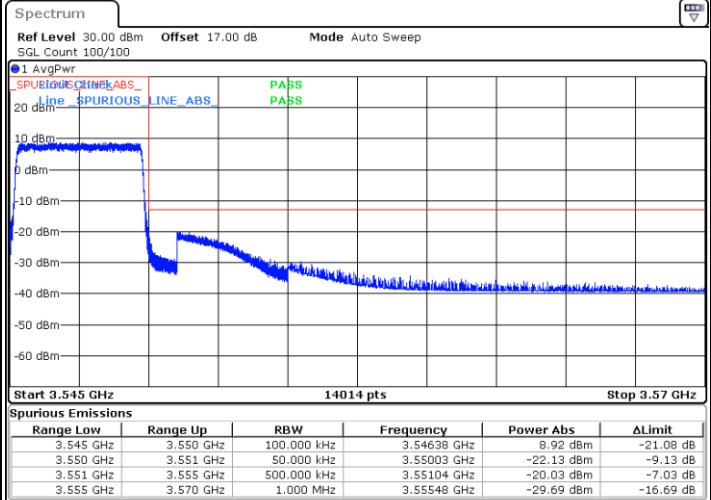
Date: 14.NOV.2024 00:18:51

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:14:17

Highest Band Edge / Full RB

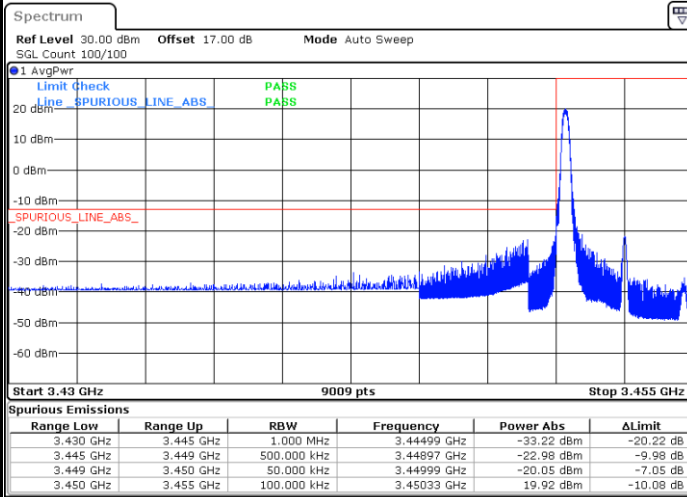


Date: 14.NOV.2024 00:23:22



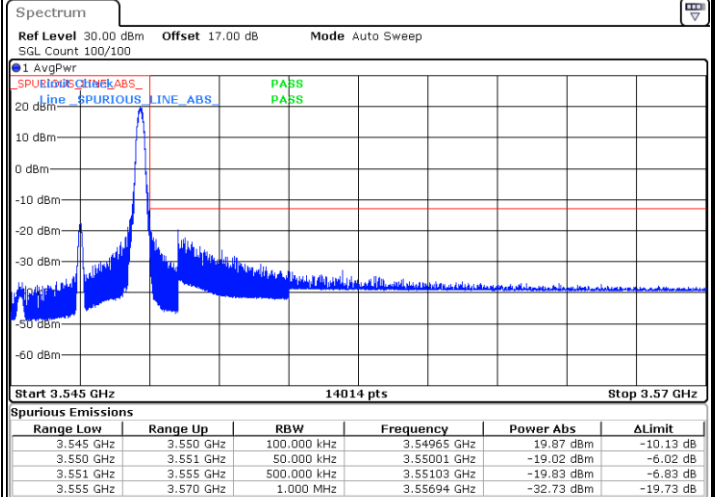
LTE Band 42 / 5MHz / 256QAM

Lowest Band Edge / 1RB



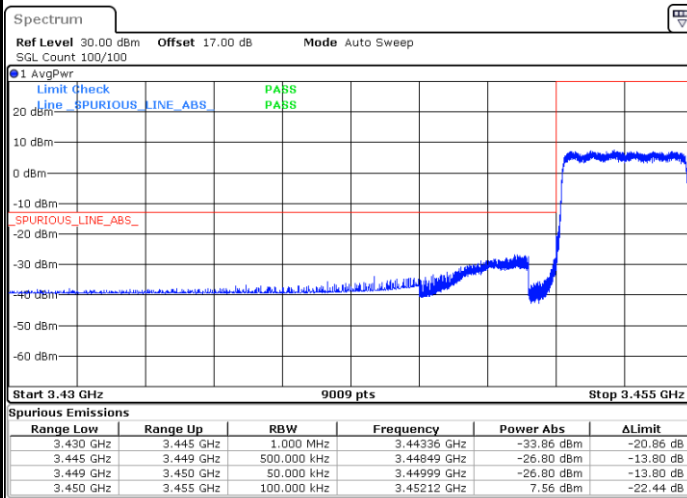
Date: 14.NOV.2024 00:10:52

Highest Band Edge / 1 RB



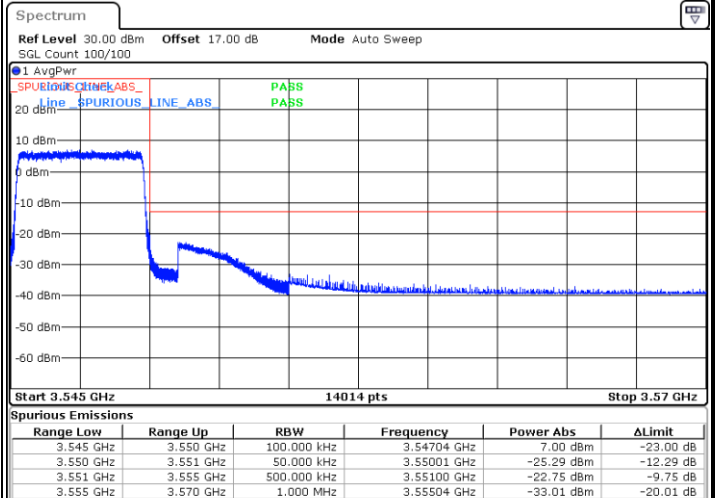
Date: 14.NOV.2024 00:19:59

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:15:25

Highest Band Edge / Full RB

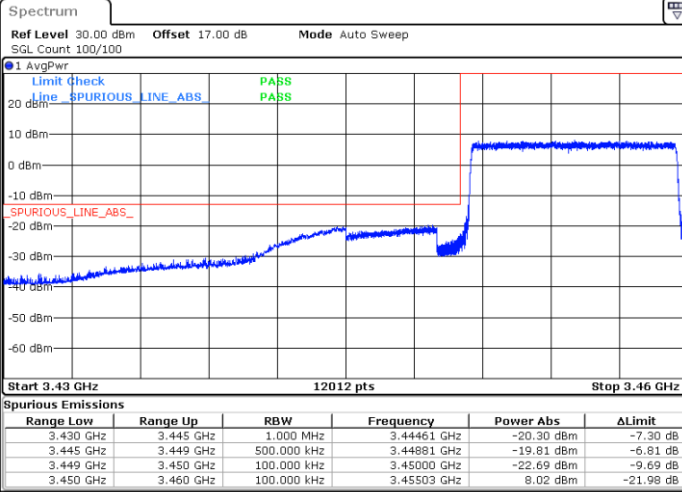


Date: 14.NOV.2024 00:24:30



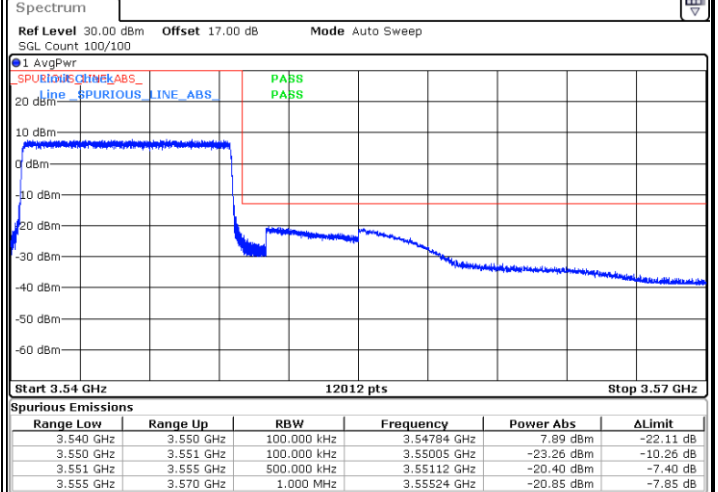
LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:25:42

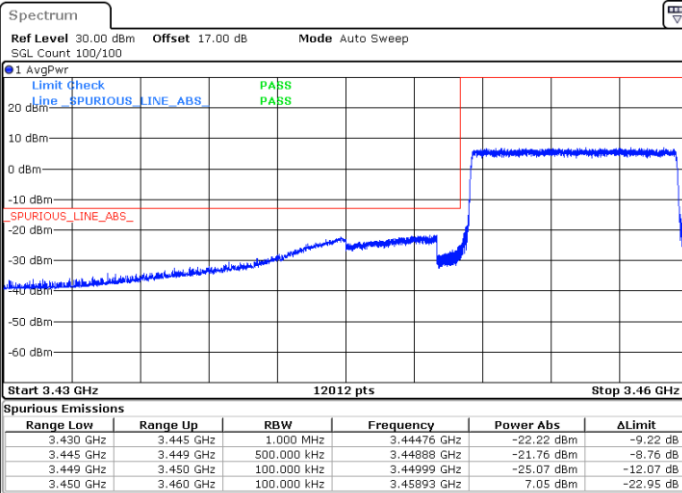
Highest Band Edge / Full RB



Date: 14.NOV.2024 00:30:16

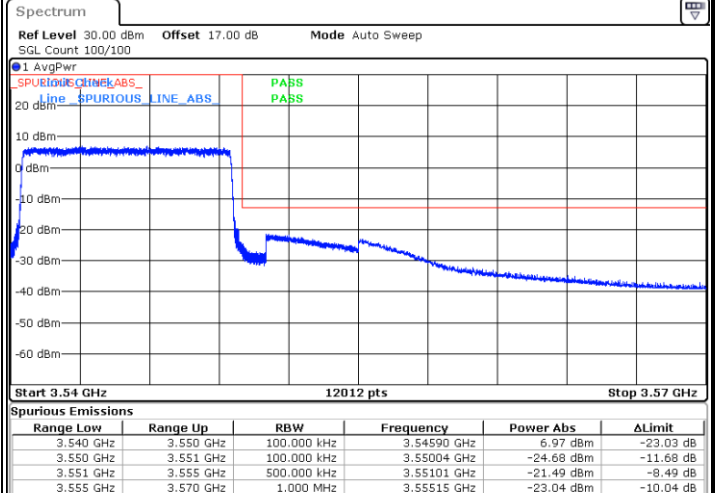
TE Band 42 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:26:50

Highest Band Edge / Full RB

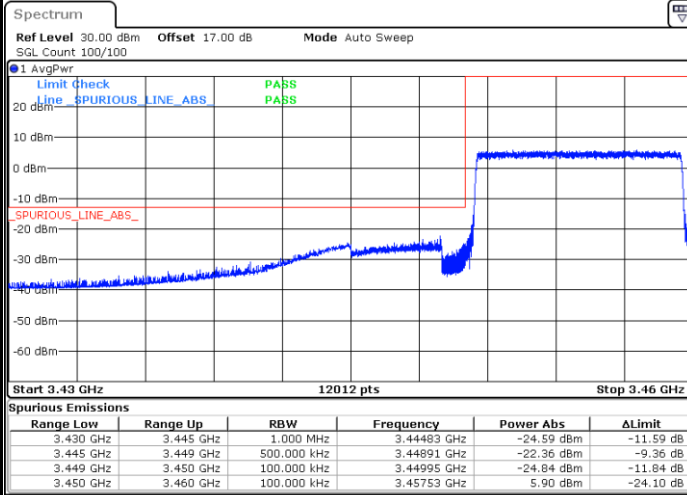


Date: 14.NOV.2024 00:31:23



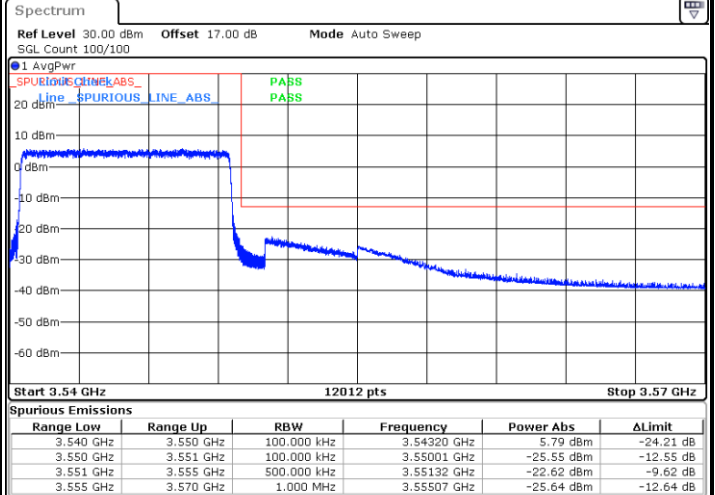
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:27:57

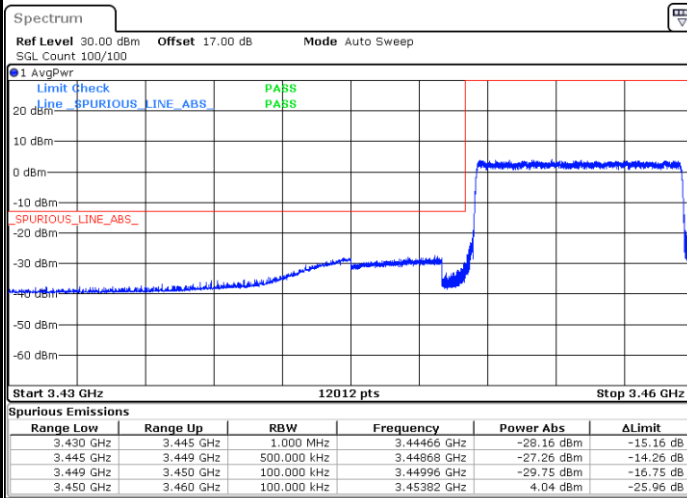
Highest Band Edge / Full RB



Date: 14.NOV.2024 00:32:31

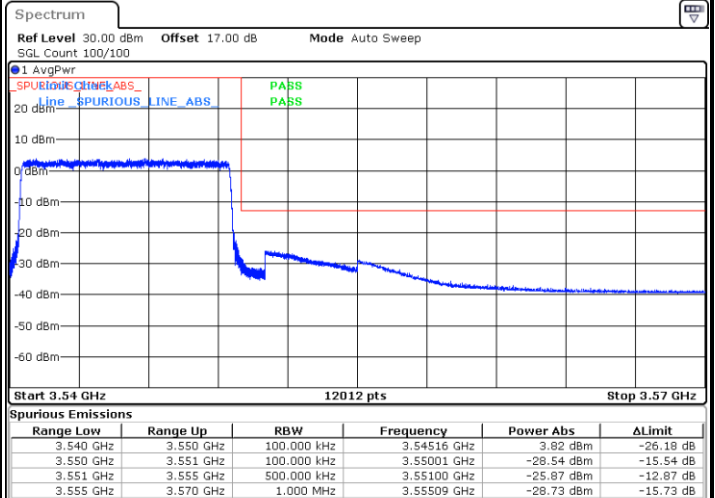
LTE Band 42 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:29:05

Highest Band Edge / Full RB

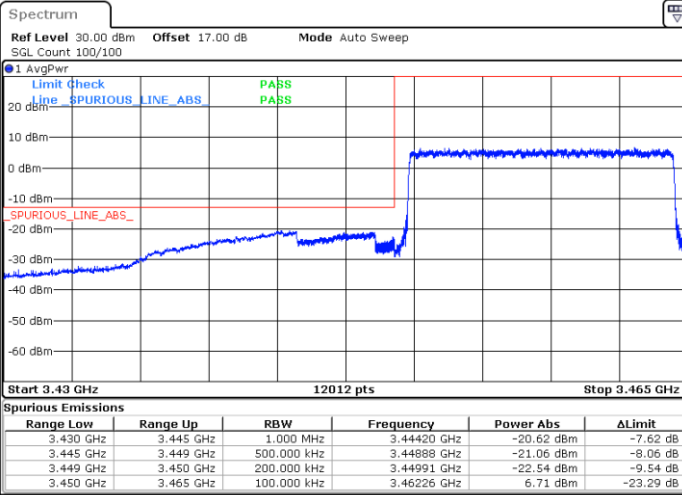


Date: 14.NOV.2024 00:33:38



LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:34:51

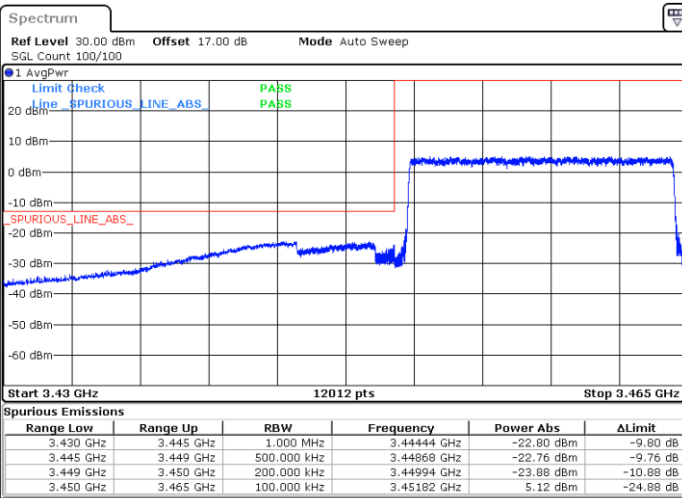
Highest Band Edge / Full RB



Date: 14.NOV.2024 00:39:24

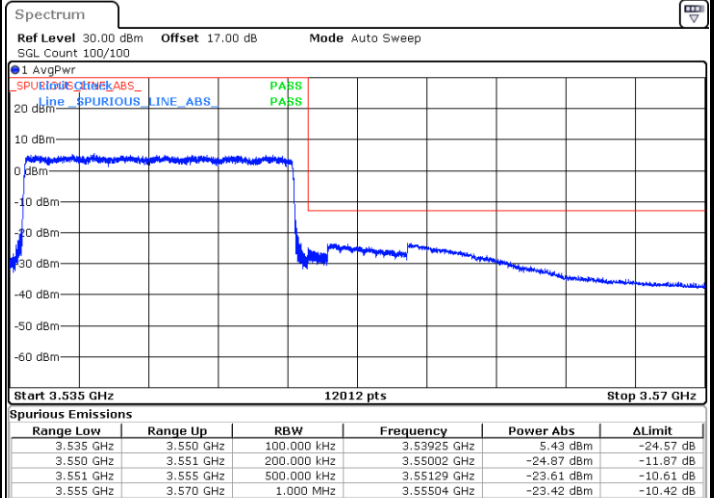
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:35:58

Highest Band Edge / Full RB

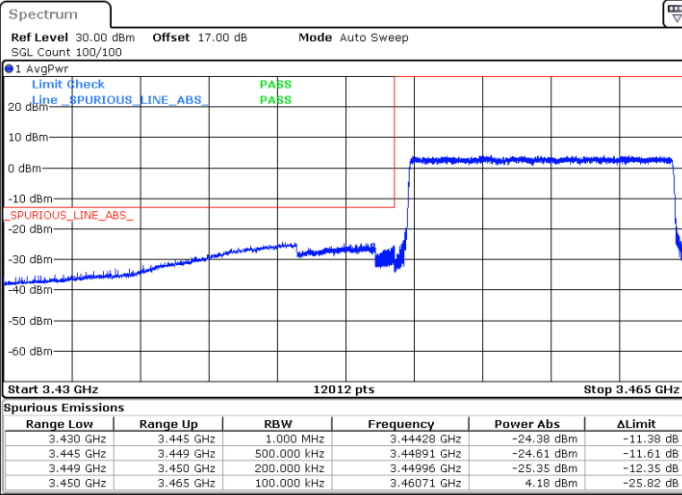


Date: 14.NOV.2024 00:40:32



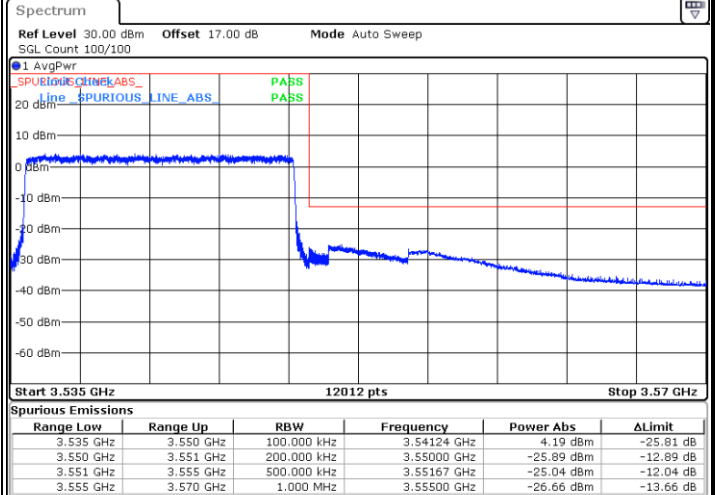
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:37:06

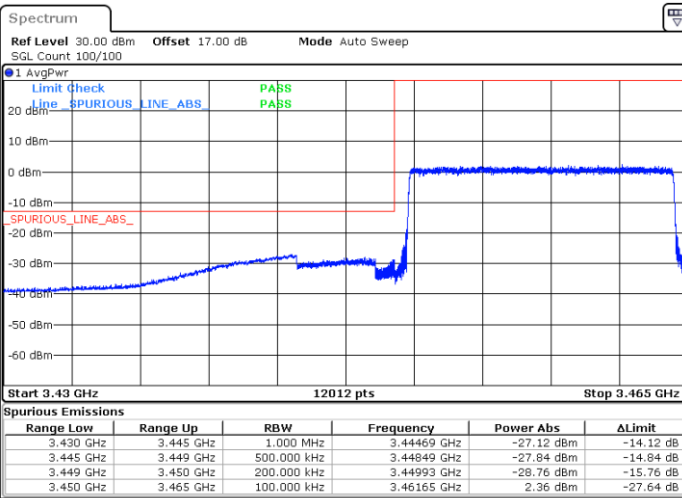
Highest Band Edge / Full RB



Date: 14.NOV.2024 00:41:40

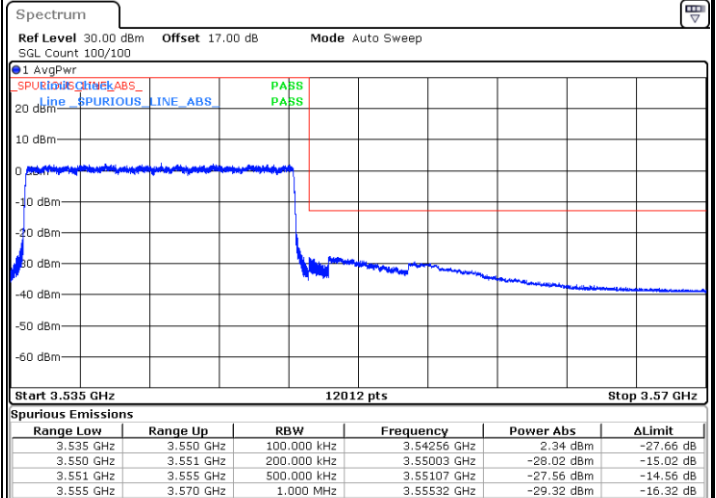
LTE Band 42 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:38:14

Highest Band Edge / Full RB

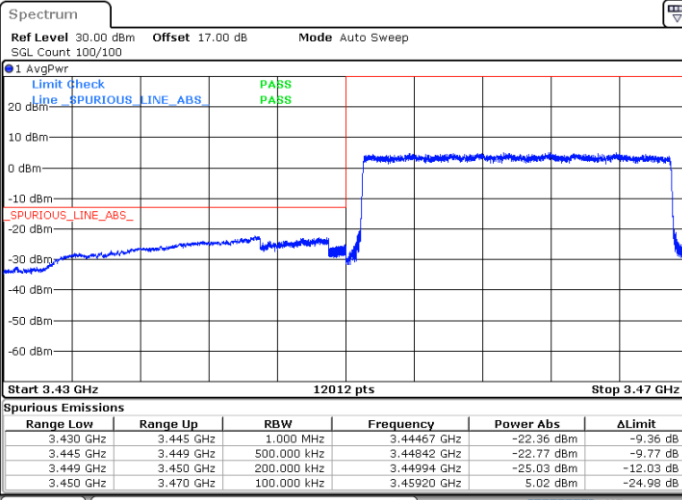


Date: 14.NOV.2024 00:42:47



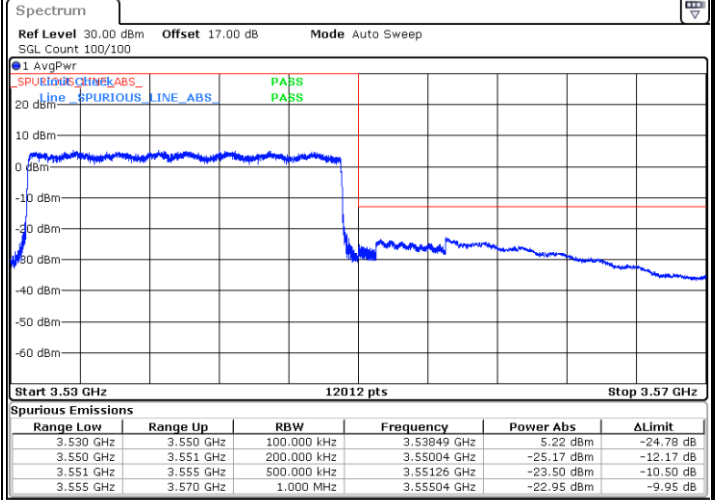
LTE Band 42 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:44:00

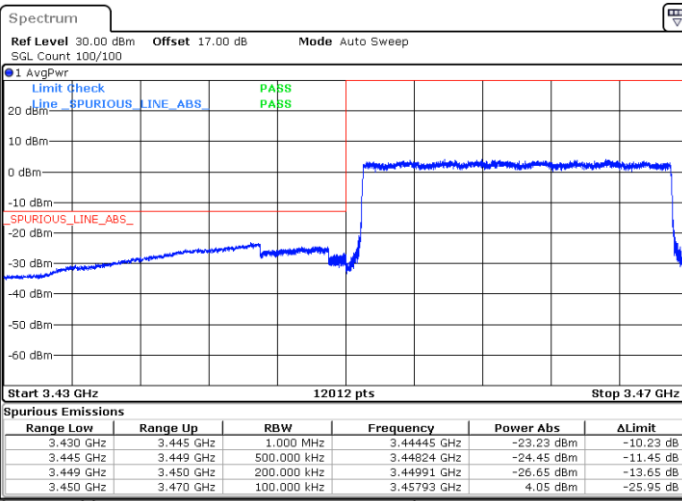
Highest Band Edge / Full RB



Date: 14.NOV.2024 00:48:33

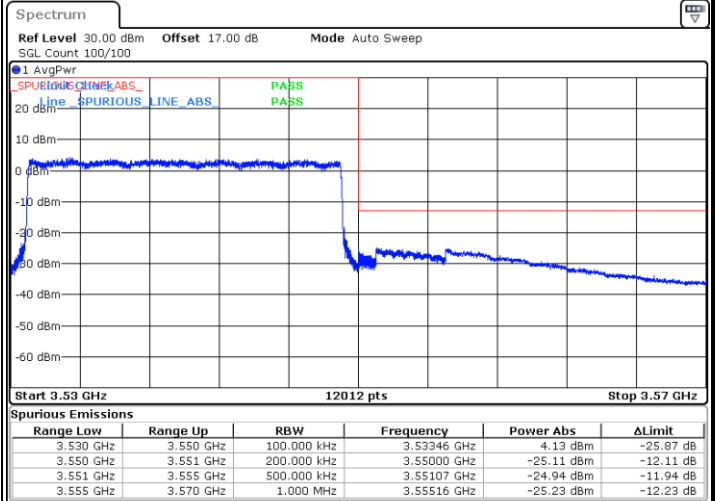
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:45:07

Highest Band Edge / Full RB

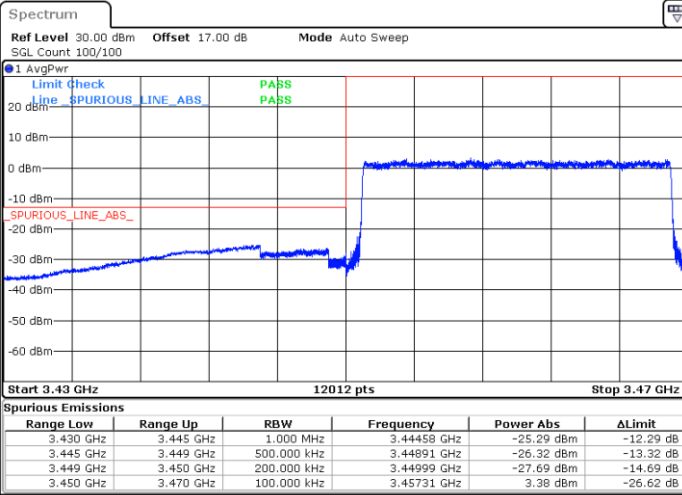


Date: 14.NOV.2024 00:49:41



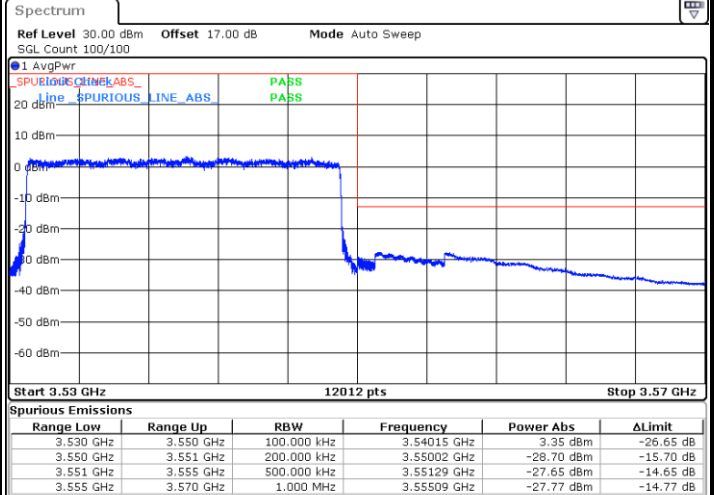
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:46:15

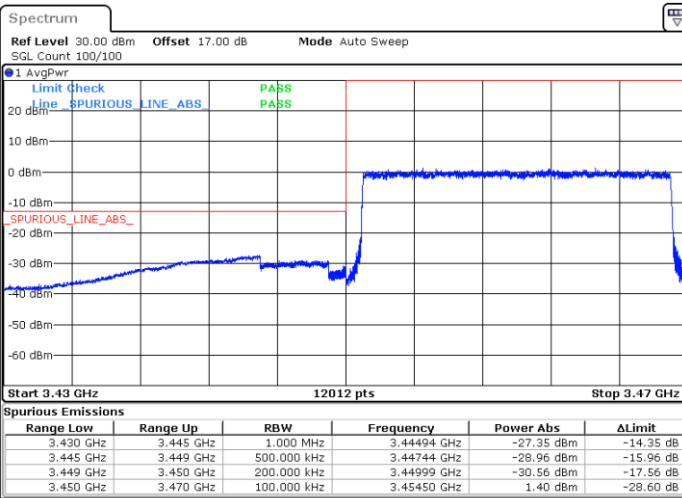
Highest Band Edge / Full RB



Date: 14.NOV.2024 00:50:49

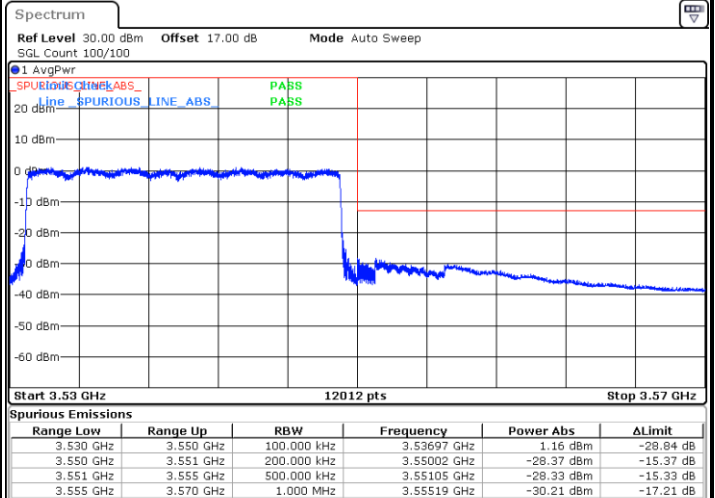
LTE Band 42 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Date: 14.NOV.2024 00:47:23

Highest Band Edge / Full RB



Date: 14.NOV.2024 00:51:56

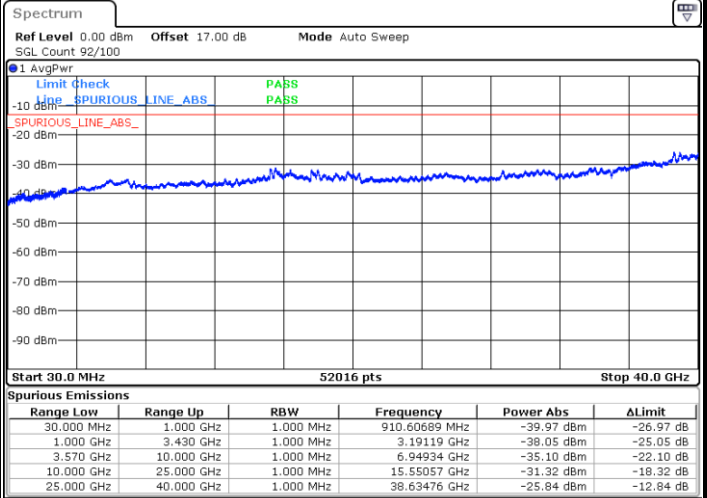
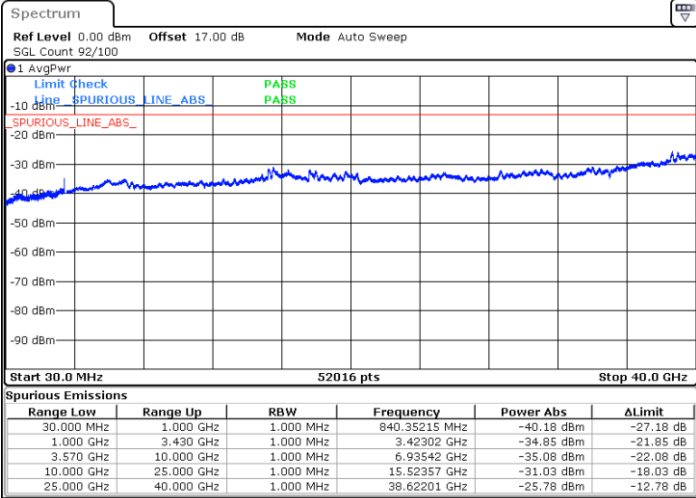


Conducted Spurious Emission

LTE Band 42 / 5MHz

Lowest Channel / QPSK

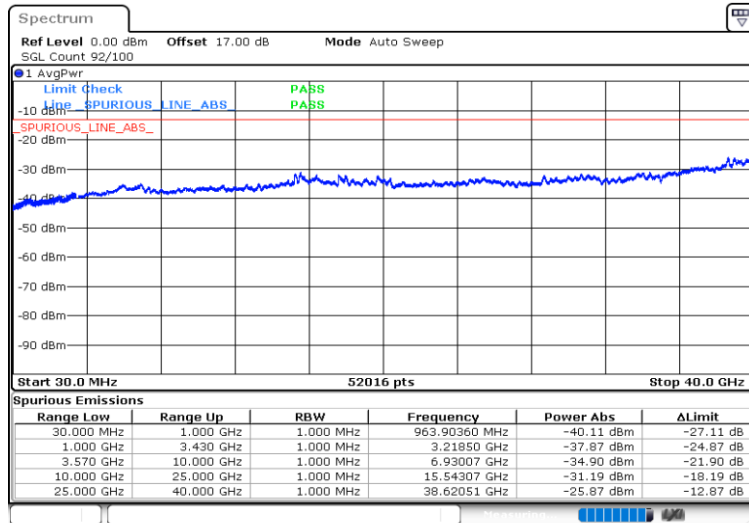
Middle Channel / QPSK



Date: 14.NOV.2024 01:10:52

Date: 14.NOV.2024 01:12:09

Highest Channel / QPSK



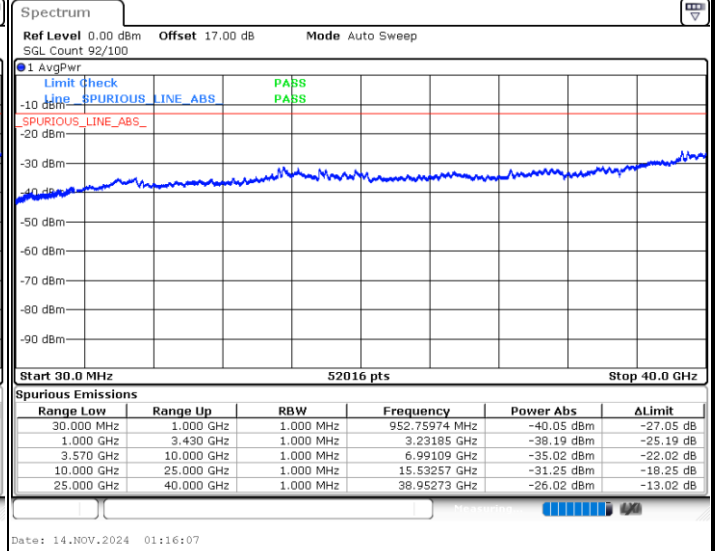
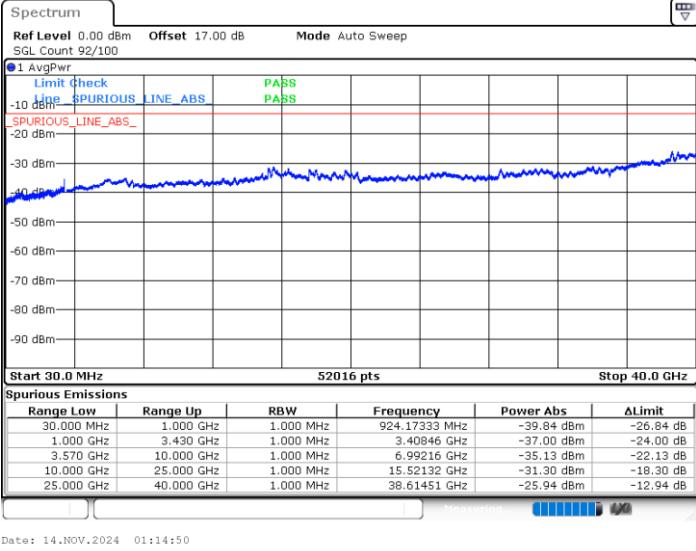
Date: 14.NOV.2024 01:13:27



LTE Band 42 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

