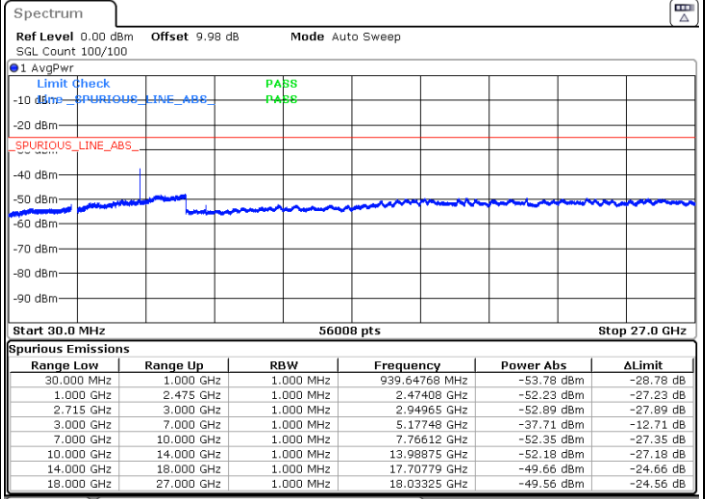
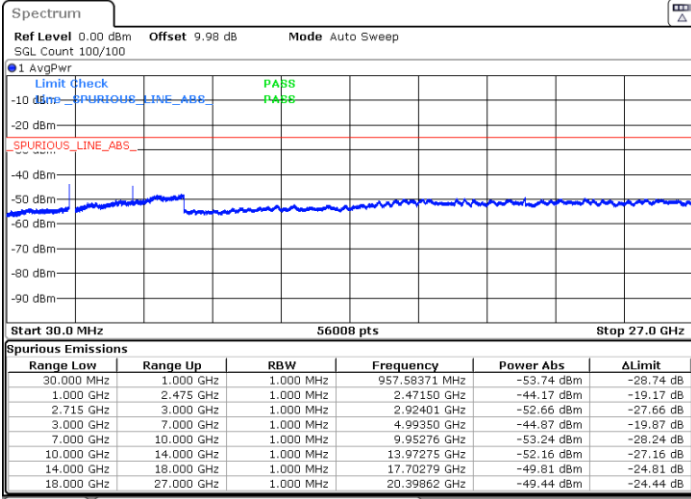




LTE Band 41 / 10MHz

Lowest Channel / QPSK

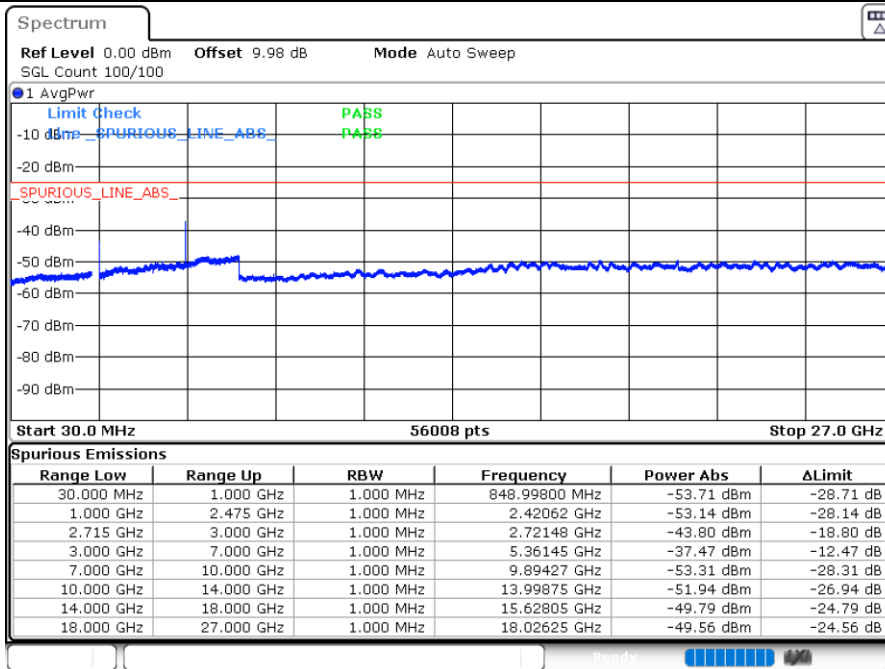
Middle Channel / QPSK



Date: 12.SEP.2024 22:10:44

Date: 12.SEP.2024 22:28:37

Highest Channel / QPSK



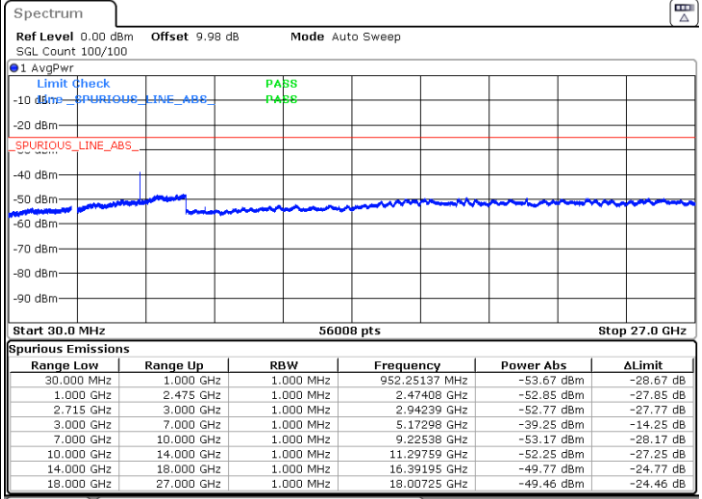
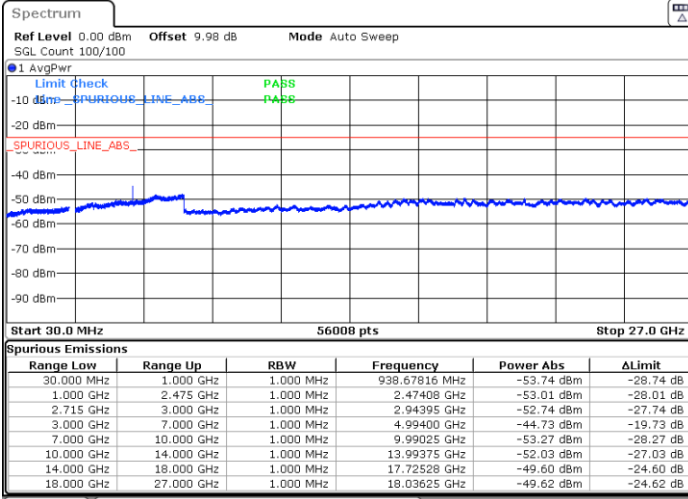
Date: 12.SEP.2024 22:30:02



LTE Band 41 / 15MHz

Lowest Channel / QPSK

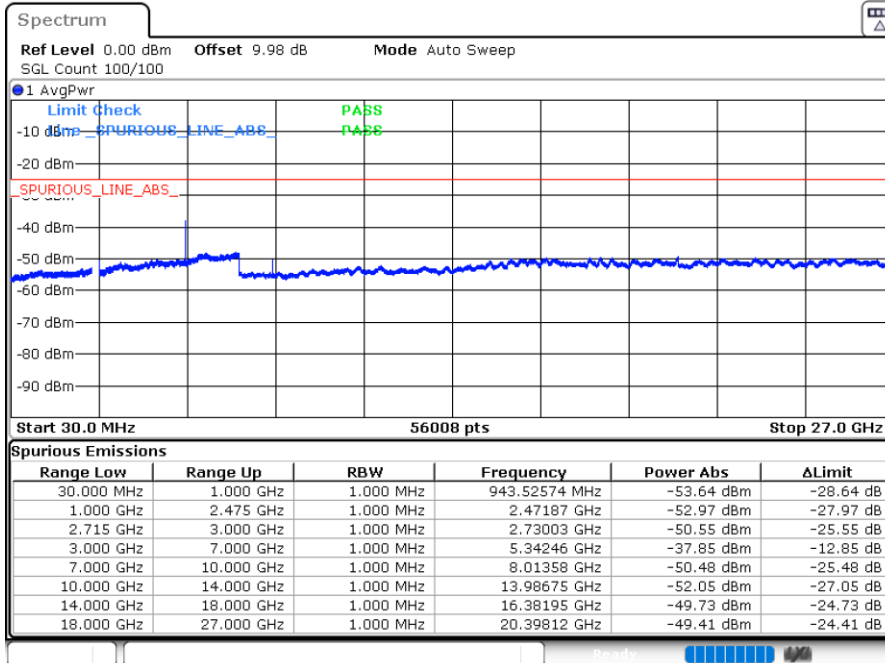
Middle Channel / QPSK



Date: 12.SEP.2024 23:03:42

Date: 12.SEP.2024 23:21:04

Highest Channel / QPSK



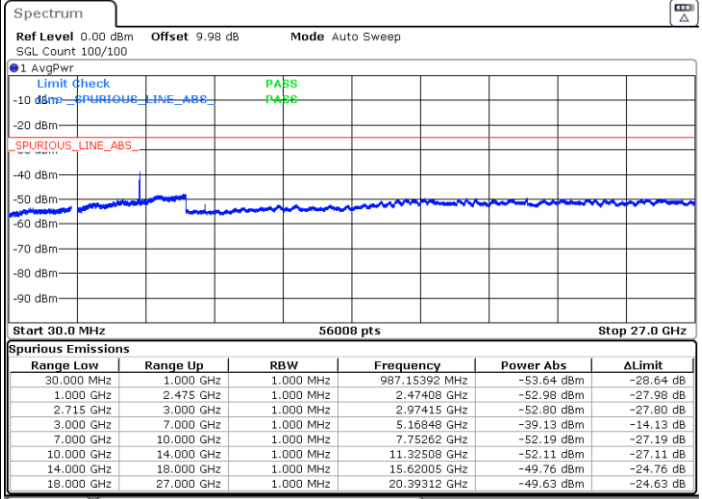
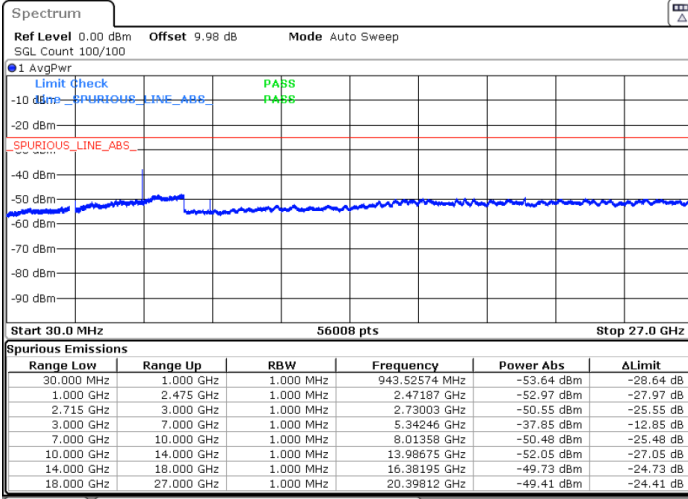
Date: 13.SEP.2024 00:26:43



LTE Band 41 / 20MHz

Lowest Channel / QPSK

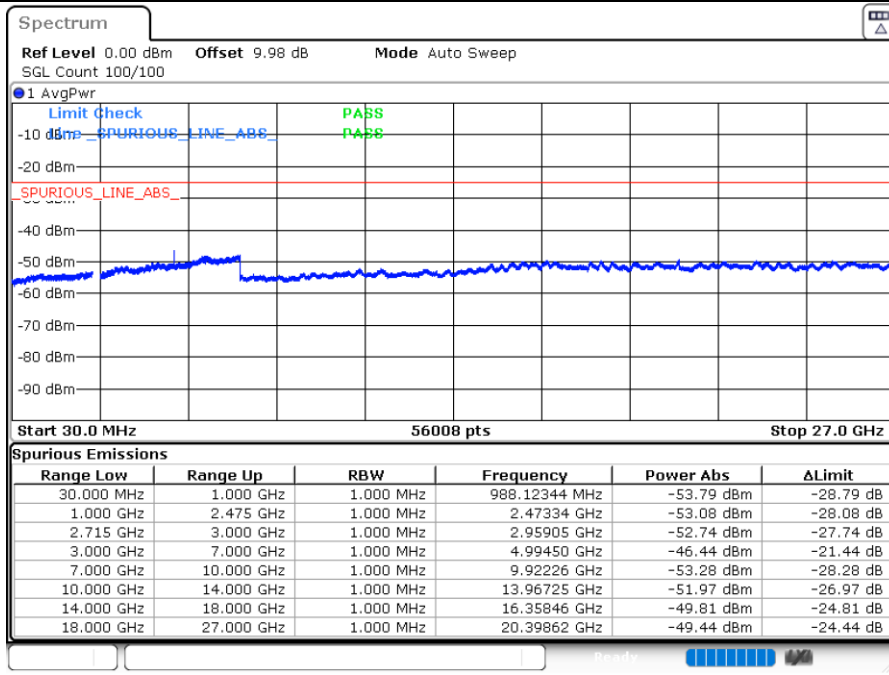
Middle Channel / QPSK



Date: 13.SEP.2024 00:26:43

Date: 13.SEP.2024 00:21:14

Highest Channel / QPSK



Date: 12.SEP.2024 23:40:43



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	0.0014	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0038	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

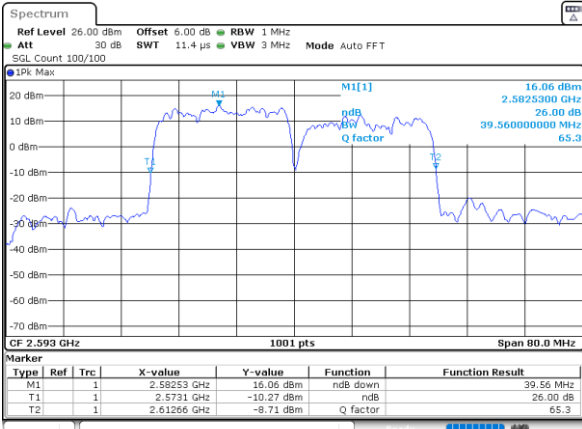
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.56	39.88
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.965	34.965
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.91
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.825	24.875
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.895	34.755
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.569	31.588
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.075	25.125
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	29.91
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.075	25.075
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.625	24.575



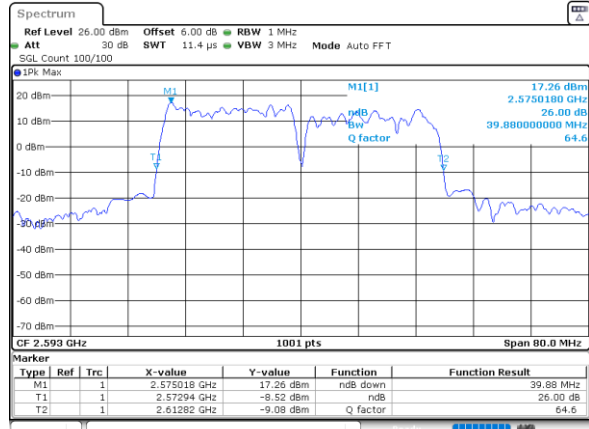
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



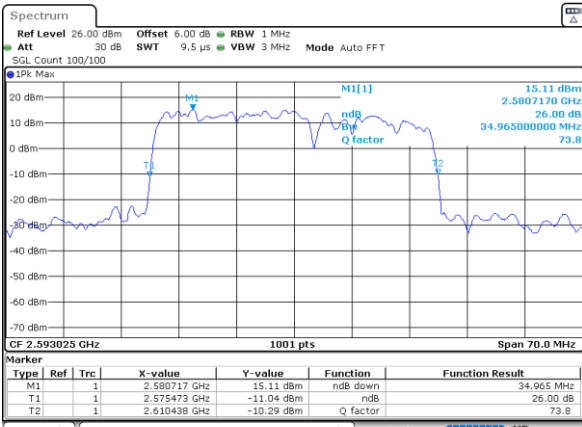
Date: 2.OCT.2024 08:15:11

Middle Channel / 20MHz+20MHz / 16QAM



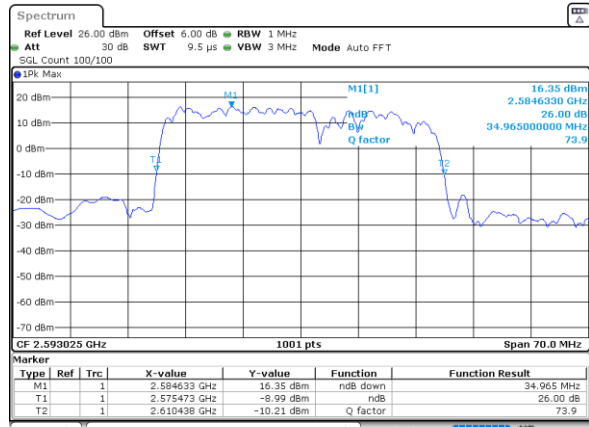
Date: 2.OCT.2024 08:16:49

Middle Channel / 20MHz+15MHz / QPSK



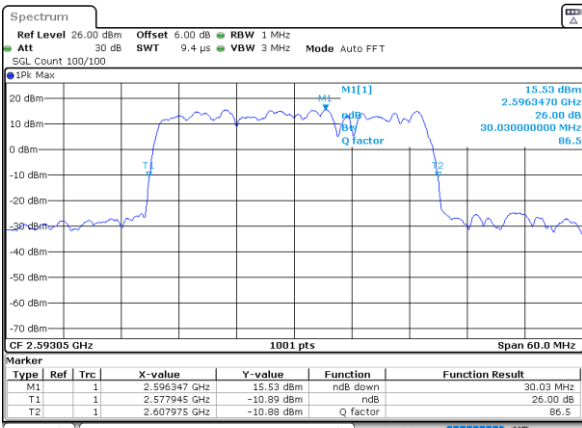
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Middle Channel / 20MHz+15MHz / 16QAM



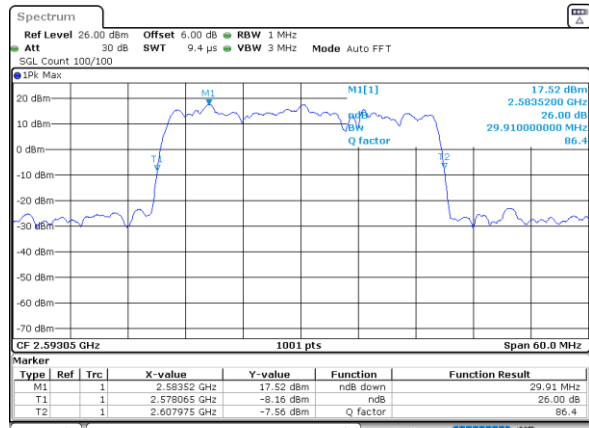
Date: 2.OCT.2024 08:13:36

Middle Channel / 20MHz+10MHz / QPSK



Date: 2.OCT.2024 08:10:17

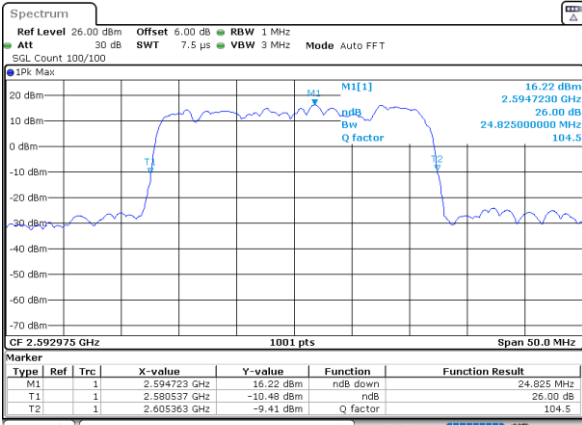
Middle Channel / 20MHz+10MHz / 16QAM



Date: 2.OCT.2024 08:10:08

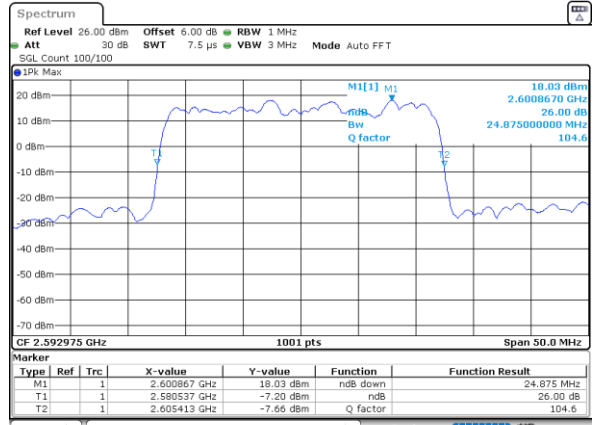


Middle Channel / 20MHz+5MHz / QPSK



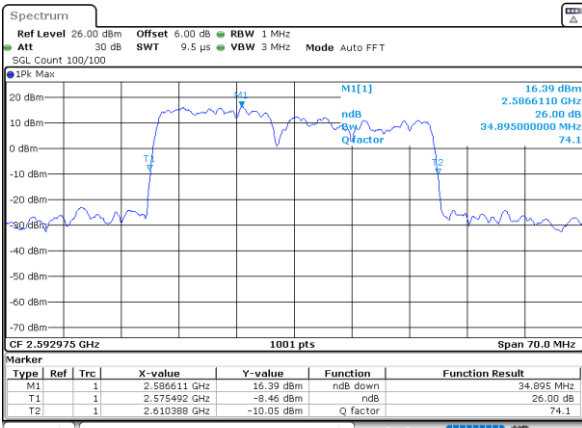
Date: 2.OCT.2024 08:05:38

Middle Channel / 20MHz+5MHz / 16QAM



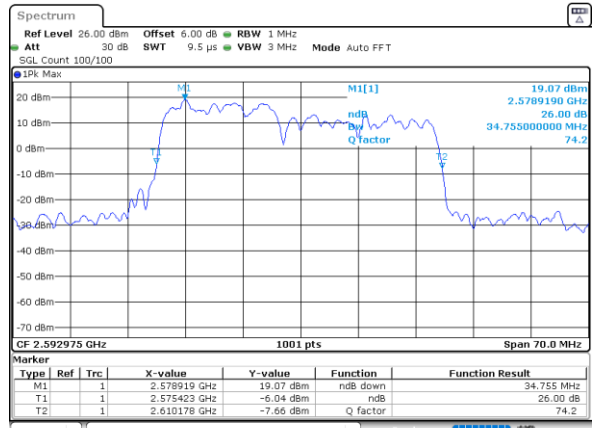
Date: 2.OCT.2024 08:06:50

Middle Channel / 15MHz+20MHz / QPSK



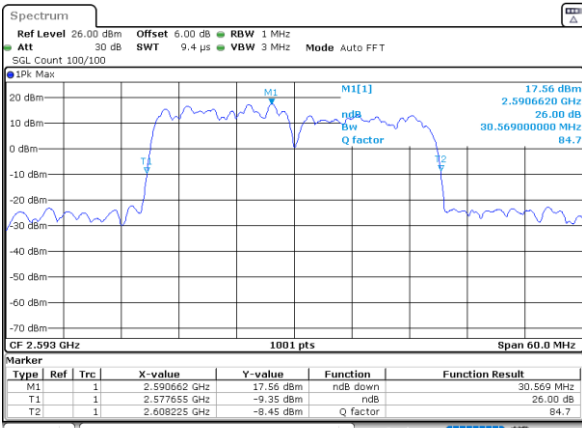
Date: 2.OCT.2024 08:02:28

Middle Channel / 15MHz+20MHz / 16QAM



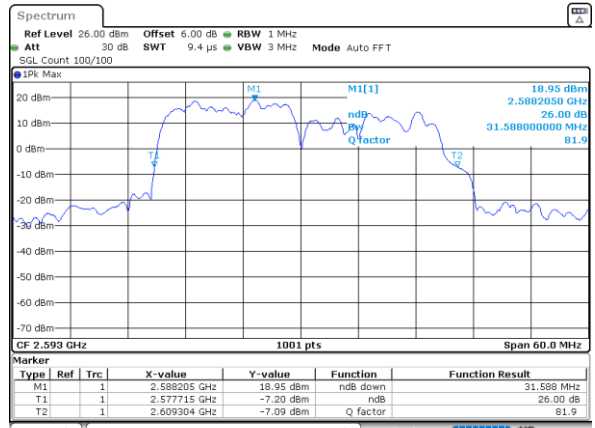
Date: 2.OCT.2024 08:03:42

Middle Channel / 15MHz+15MHz / QPSK



Date: 2.OCT.2024 07:59:53

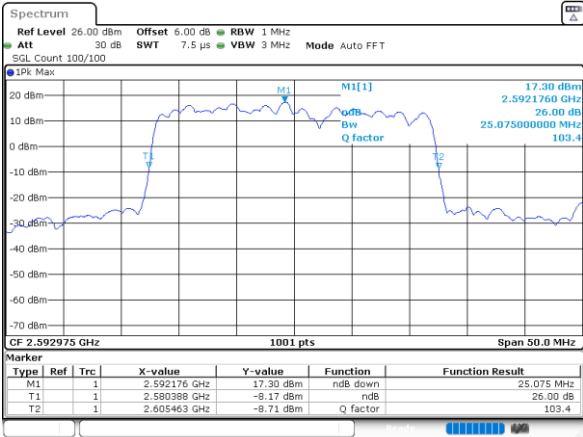
Middle Channel / 15MHz+15MHz / 16QAM



Date: 2.OCT.2024 08:01:02

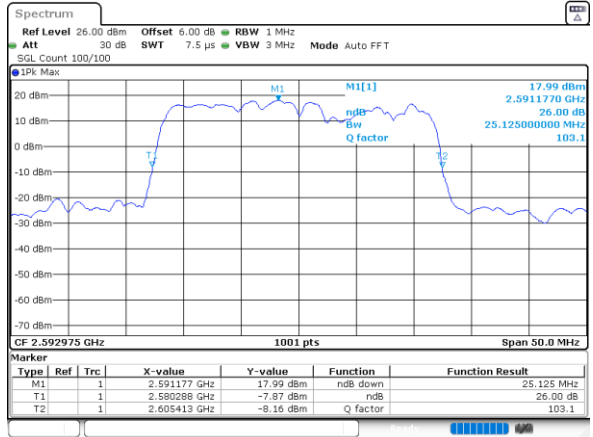


Middle Channel / 15MHz+10MHz / QPSK



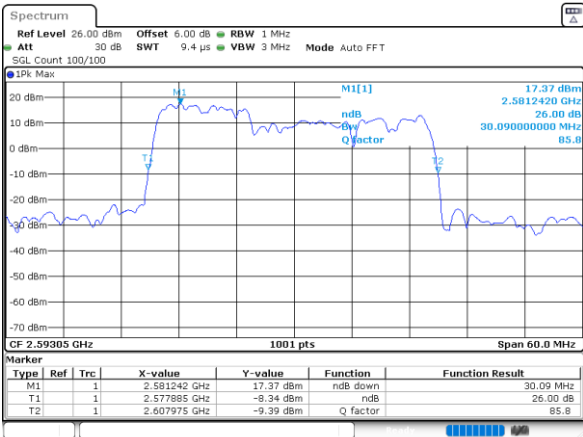
Date: 2.OCT.2024 07:57:14

Middle Channel / 15MHz+10MHz / 16QAM



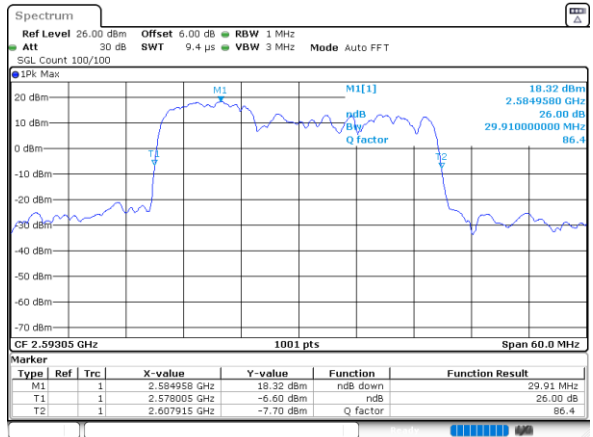
Date: 2.OCT.2024 07:58:18

Middle Channel / 10MHz+20MHz / QPSK



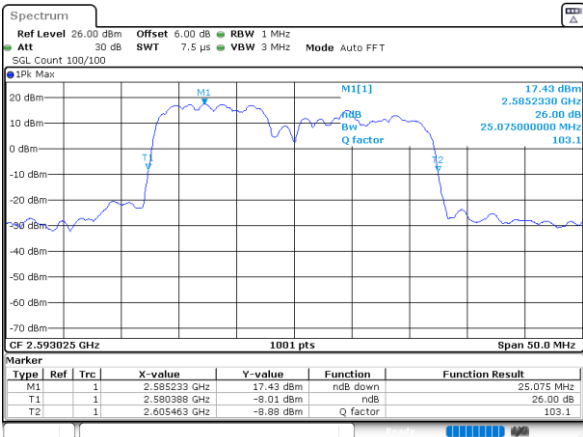
Date: 2.OCT.2024 07:54:37

Middle Channel / 10MHz+20MHz / 16QAM



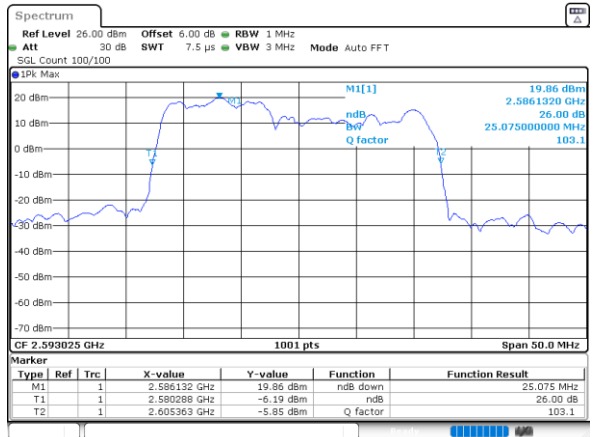
Date: 2.OCT.2024 07:55:52

Middle Channel / 10MHz+15MHz / QPSK

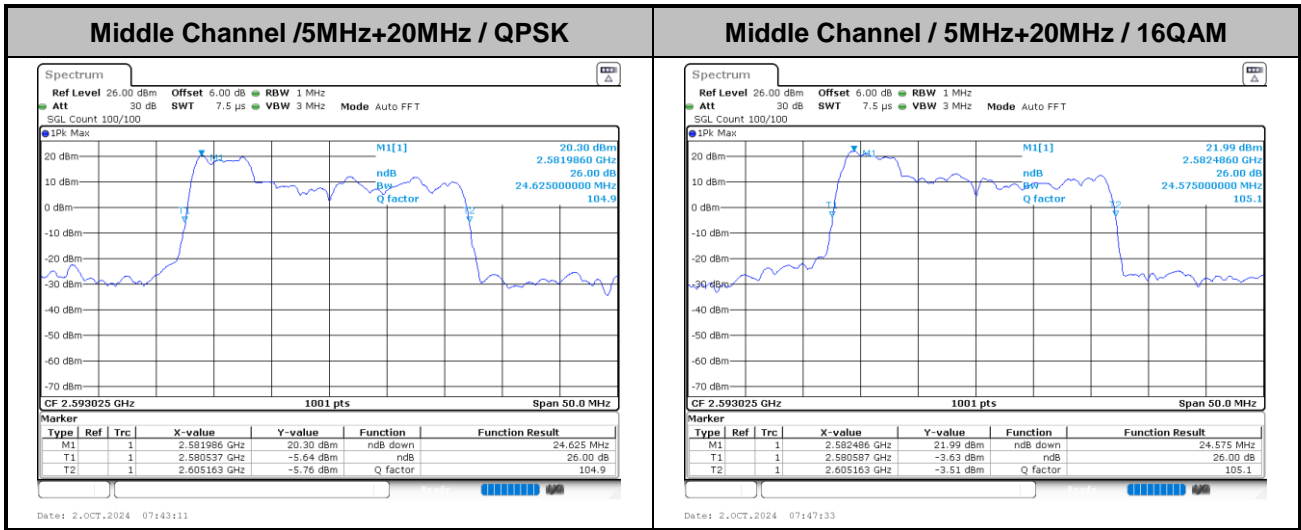


Date: 2.OCT.2024 07:49:44

Middle Channel / 10MHz+15MHz / 16QAM



Date: 2.OCT.2024 07:50:53





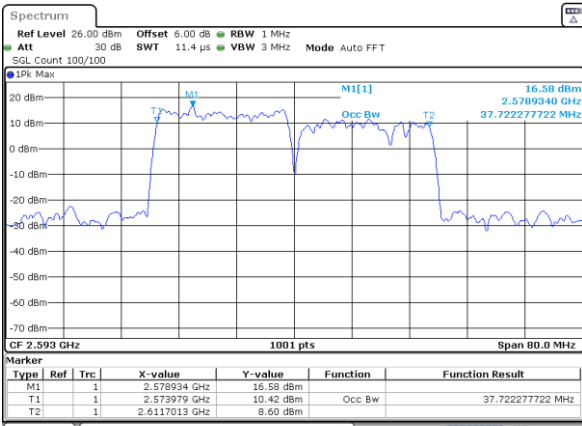
Occupied Bandwidth

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.722	37.882
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.727	32.587
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	27.752	28.111
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.076	23.226
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.727	32.867
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.651	28.411
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.276	23.326
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.992	27.992
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.226	23.076
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.076	23.126



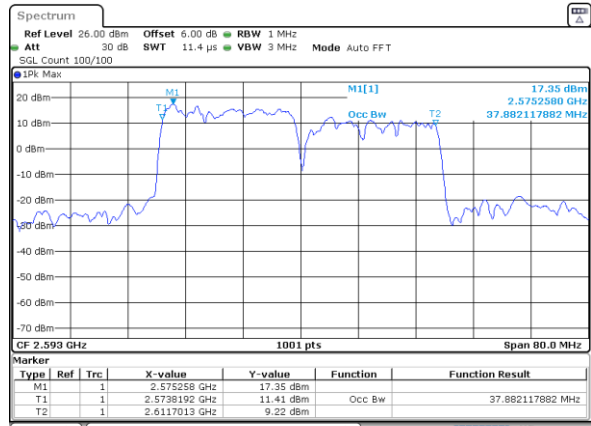
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



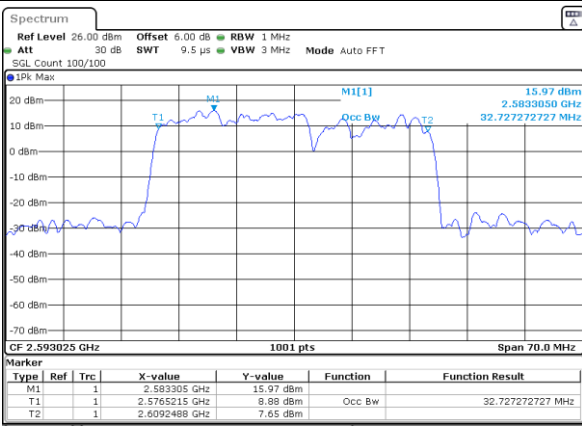
Date: 2.OCT.2024 08:14:34

Middle Channel / 20MHz+20MHz / 16QAM



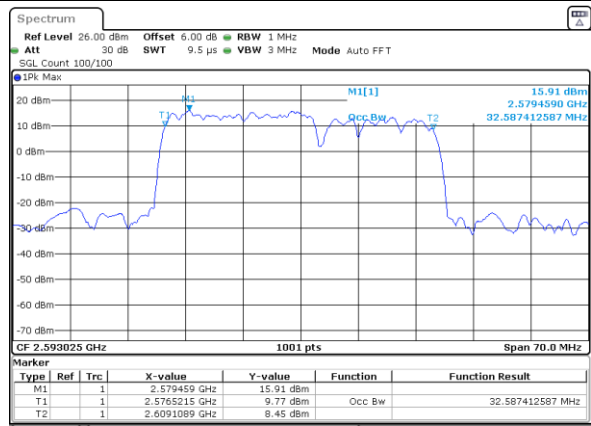
Date: 2.OCT.2024 08:15:58

Middle Channel / 20MHz+15MHz / QPSK



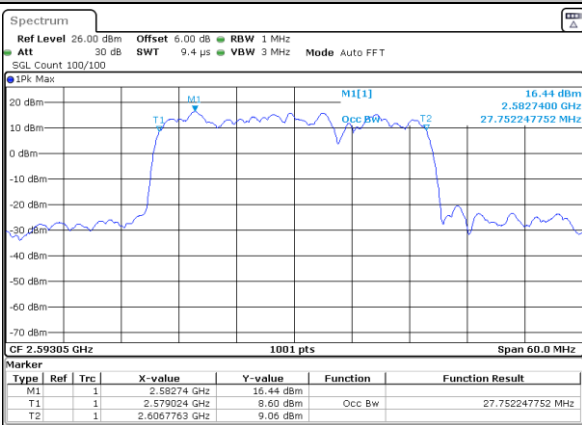
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Middle Channel / 20MHz+15MHz / 16QAM



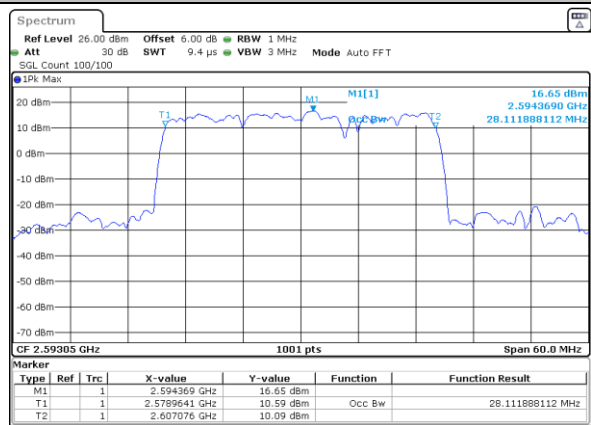
Date: 2.OCT.2024 08:12:56

Middle Channel / 20MHz+10MHz / QPSK



Date: 2.OCT.2024 08:10:34

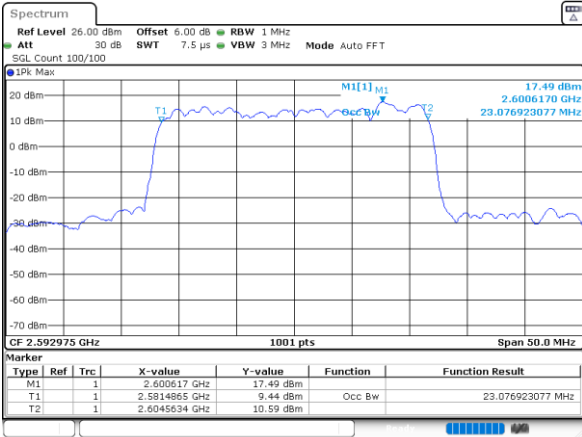
Middle Channel / 20MHz+10MHz / 16QAM



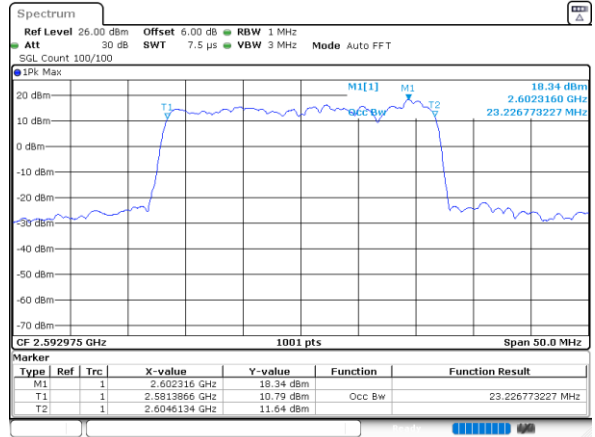
Date: 2.OCT.2024 08:09:31



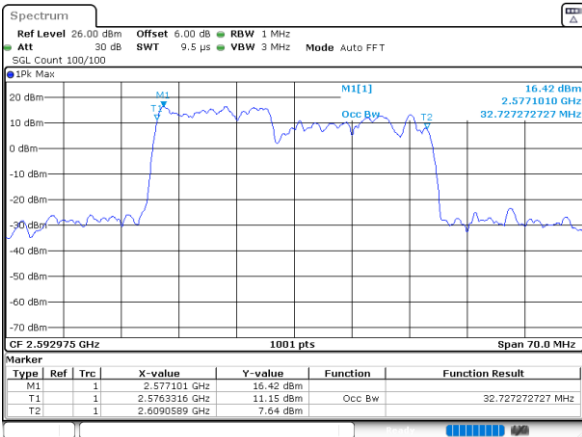
Middle Channel / 20MHz+5MHz / QPSK



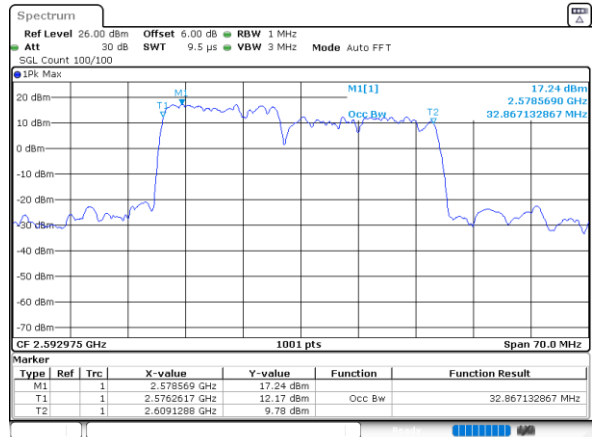
Middle Channel / 20MHz+5MHz / 16QAM



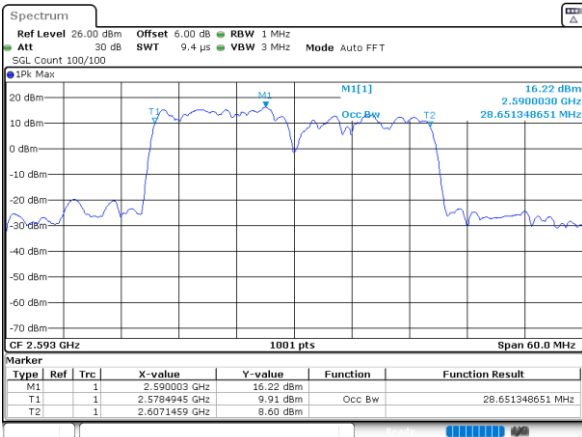
Middle Channel / 15MHz+20MHz / QPSK



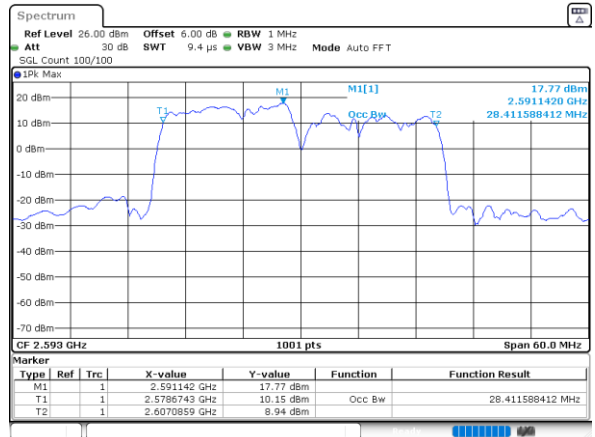
Middle Channel / 15MHz+20MHz / 16QAM



Middle Channel / 15MHz+15MHz / QPSK

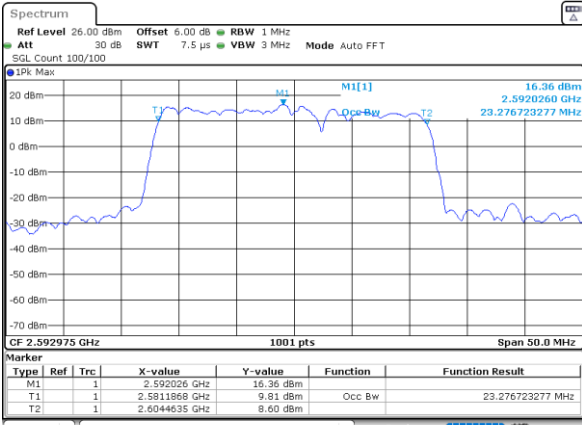


Middle Channel / 15MHz+15MHz / 16QAM



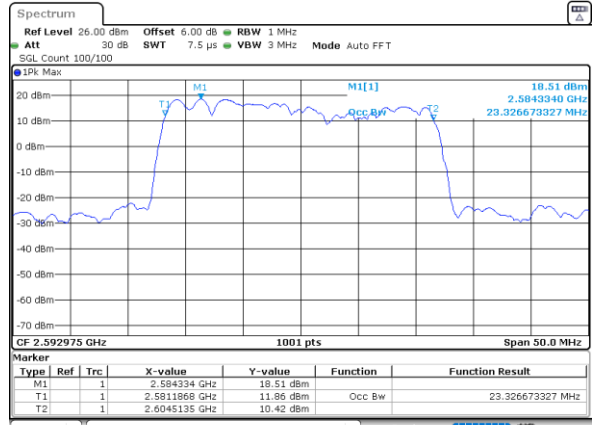


Middle Channel / 15MHz+10MHz / QPSK



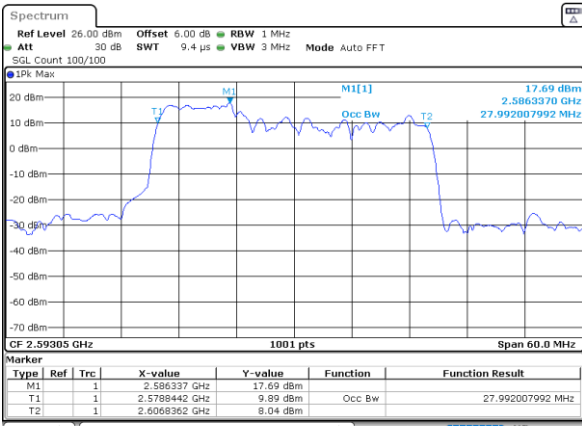
Date: 2.OCT.2024 07:56:44

Middle Channel / 15MHz+10MHz / 16QAM



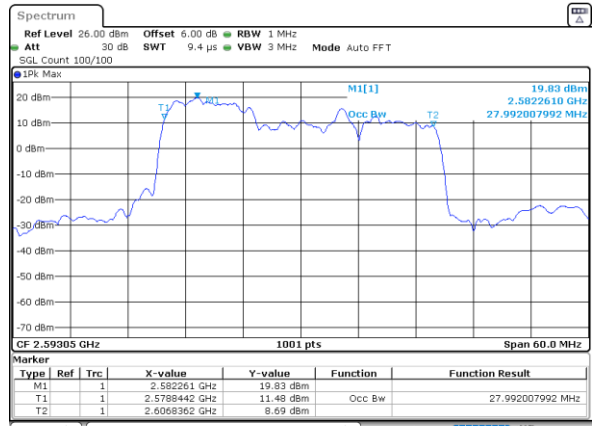
Date: 2.OCT.2024 07:57:48

Middle Channel / 10MHz+20MHz / QPSK



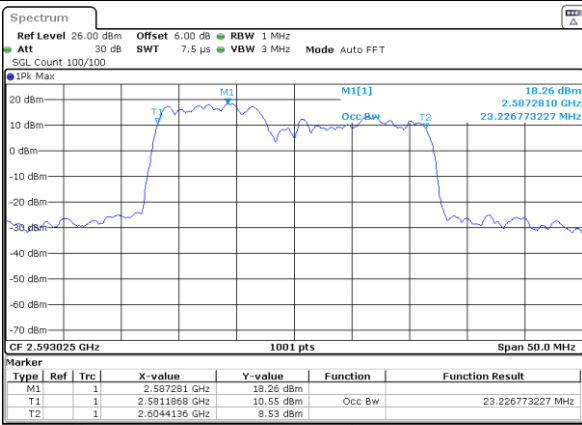
Date: 2.OCT.2024 07:53:45

Middle Channel / 10MHz+20MHz / 16QAM



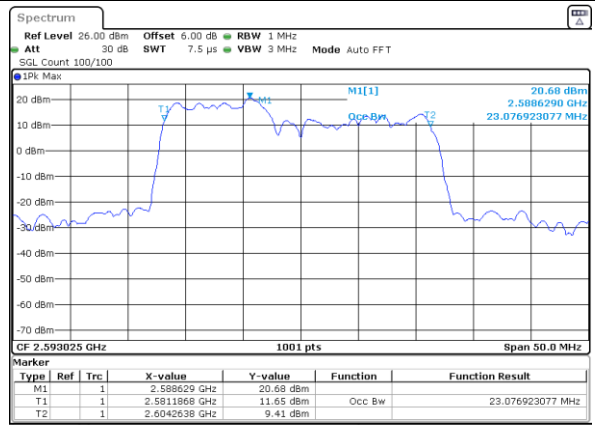
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Middle Channel / 10MHz+15MHz / QPSK

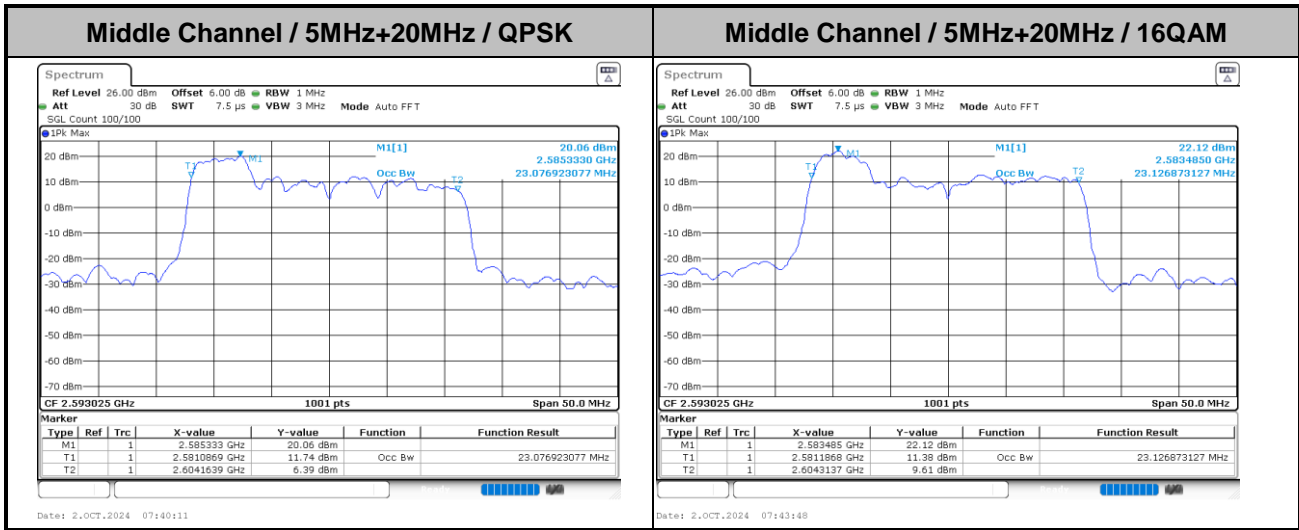


Date: 2.OCT.2024 07:49:06

Middle Channel / 10MHz+15MHz / 16QAM



Date: 2.OCT.2024 07:50:20



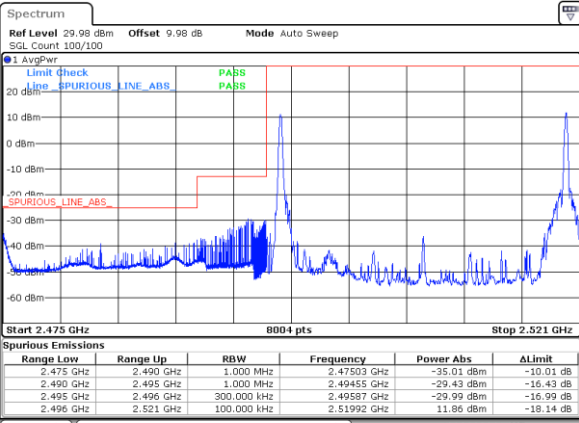


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

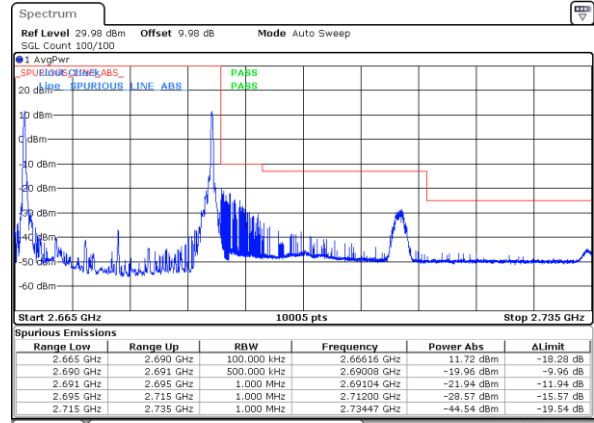
QPSK

Lowest Band Edge / 1RB0 and 1RB99



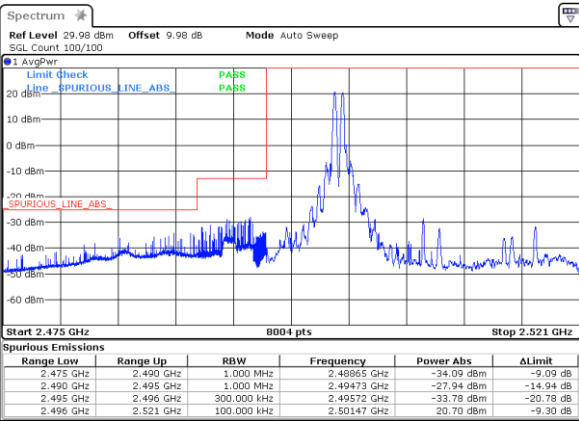
Date: 30_SEP_2024 15:19:03

Highest Band Edge / 1RB0 and 1RB99



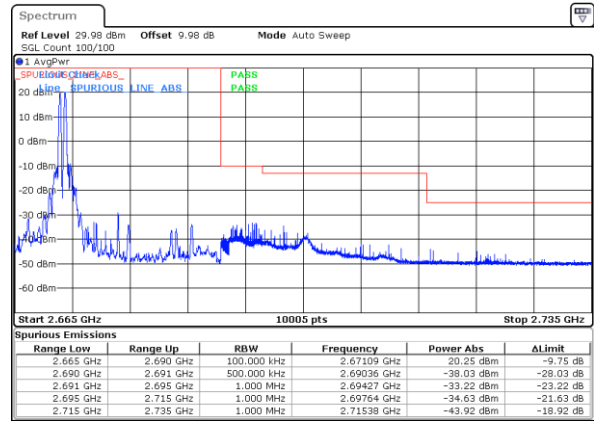
Date: 30_SEP_2024 15:28:59

Lowest Band Edge / 1RB24 and 1RB0



Date: 30_SEP_2024 15:15:54

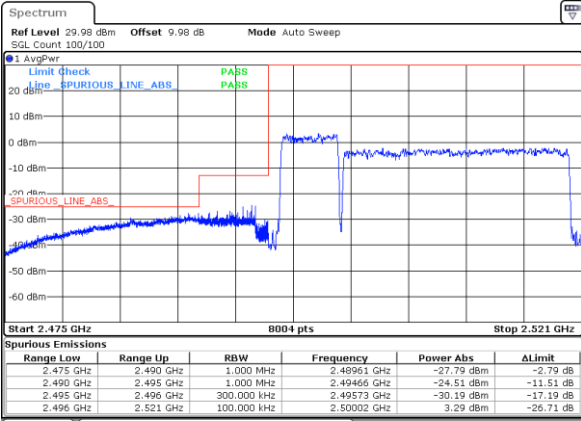
Highest Band Edge / 1RB24 and 1RB0



Date: 30_SEP_2024 15:25:54

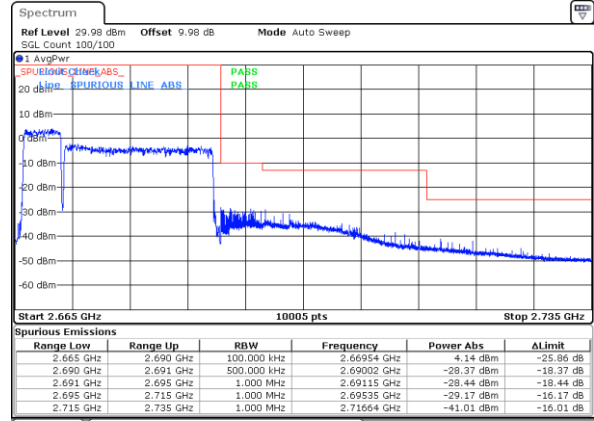


Lowest Band Edge / Full RB



Date: 30_SEP_2024 15:22:12

Highest Band Edge / Full RB



Date: 30_SEP_2024 15:32:05

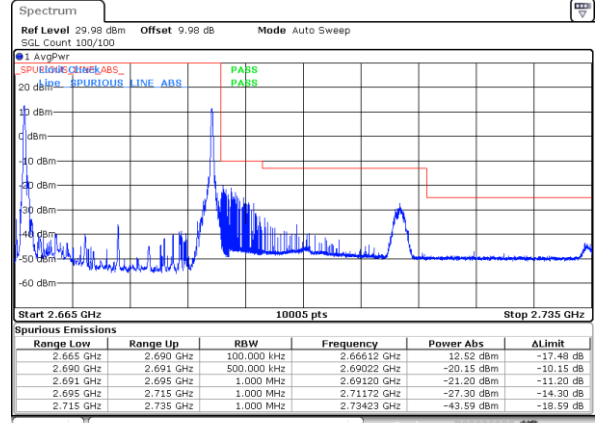
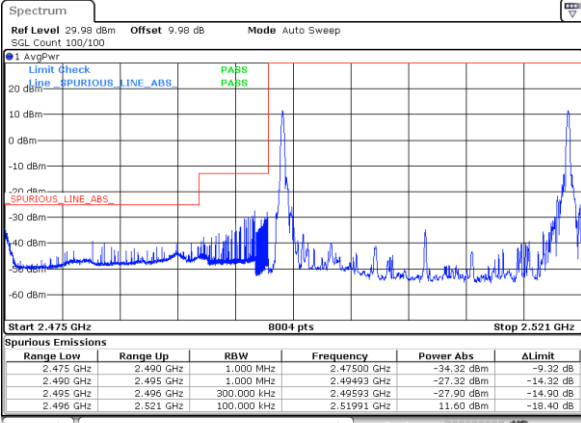


LTE Band 41C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

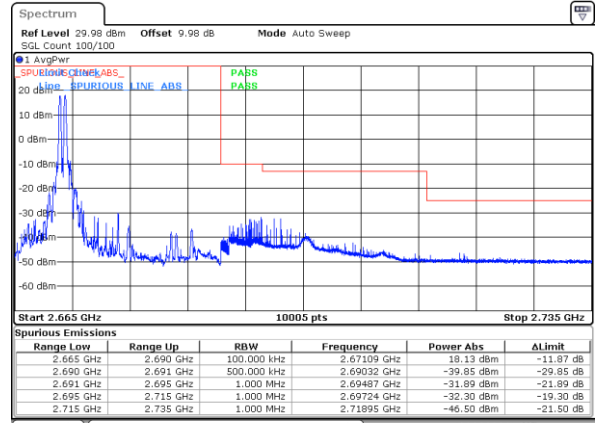
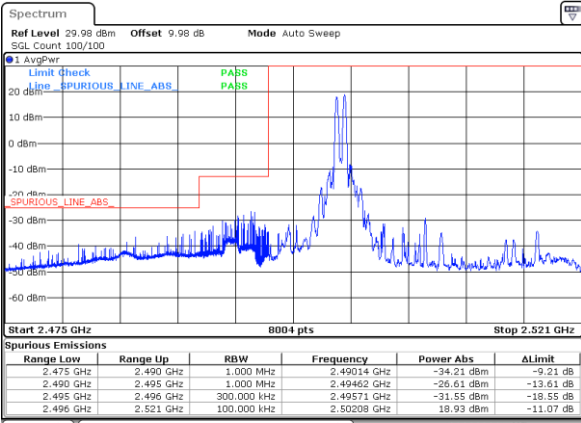


Date: 30_SEP.2024 15:19:50

Date: 30_SEP.2024 15:29:45

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

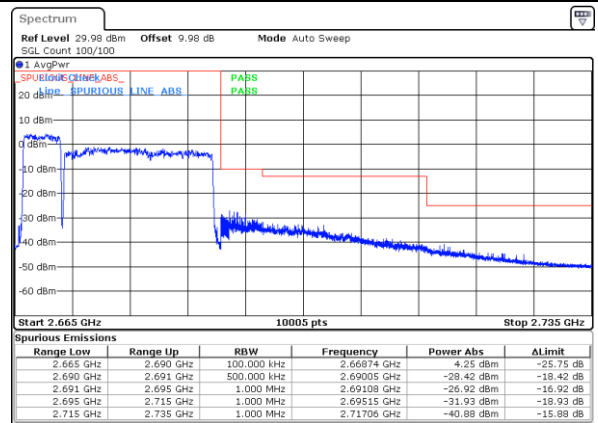
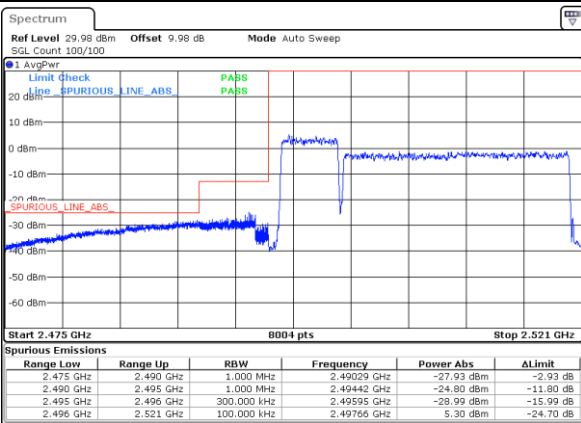


Date: 30_SEP.2024 15:16:42

Date: 30_SEP.2024 15:26:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP.2024 15:22:59

Date: 30_SEP.2024 15:32:51

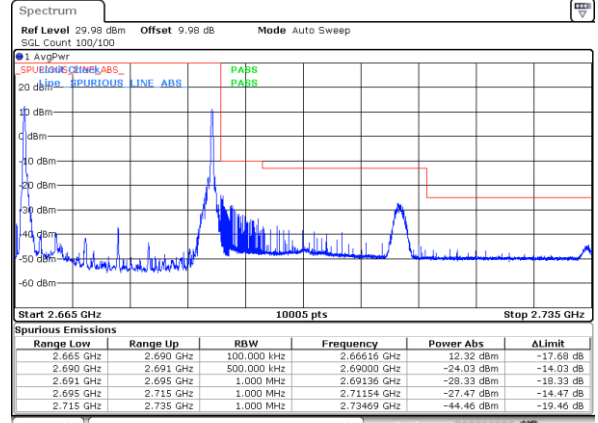
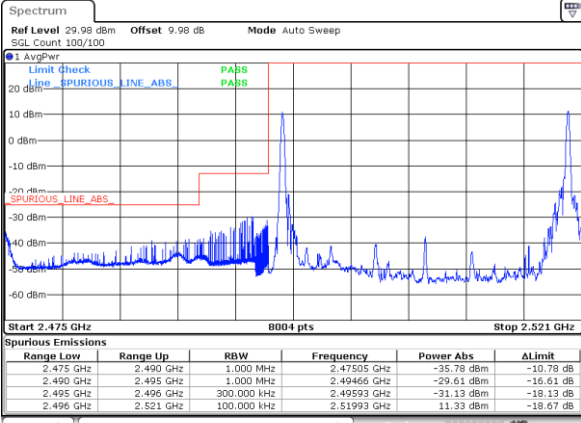


LTE Band 41C / 5MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

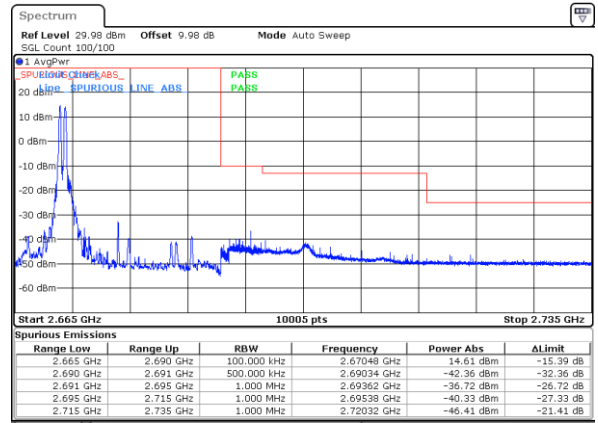
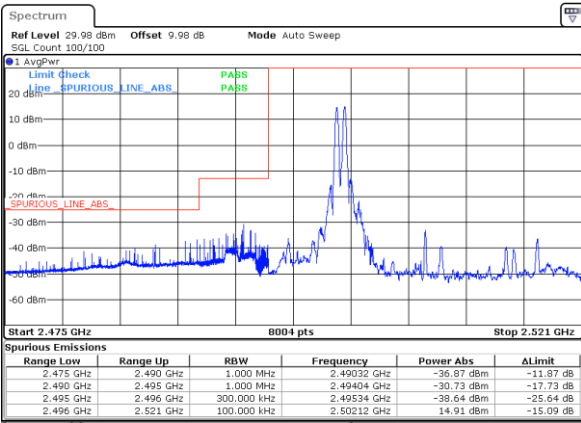


Date: 30_SEP.2024 15:20:37

Date: 30_SEP.2024 15:30:31

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

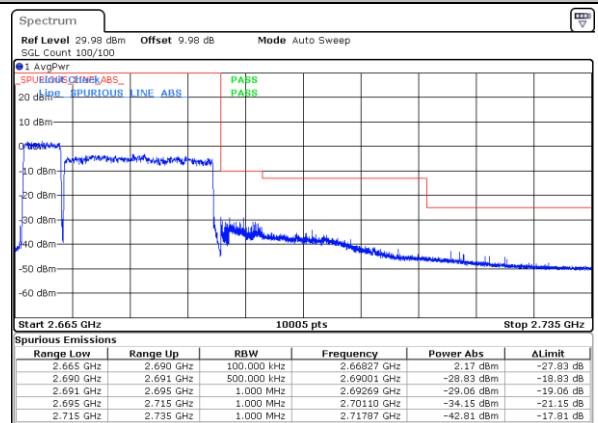
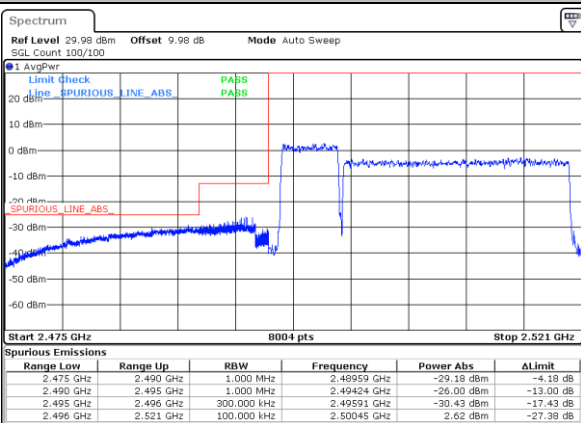


Date: 30_SEP.2024 15:17:30

Date: 30_SEP.2024 15:27:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP.2024 15:23:45

Date: 30_SEP.2024 15:33:38

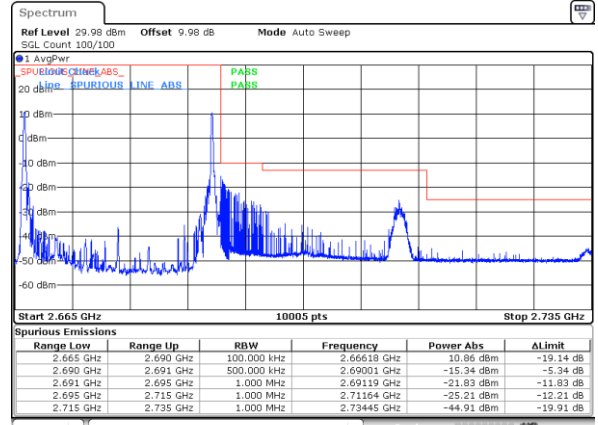
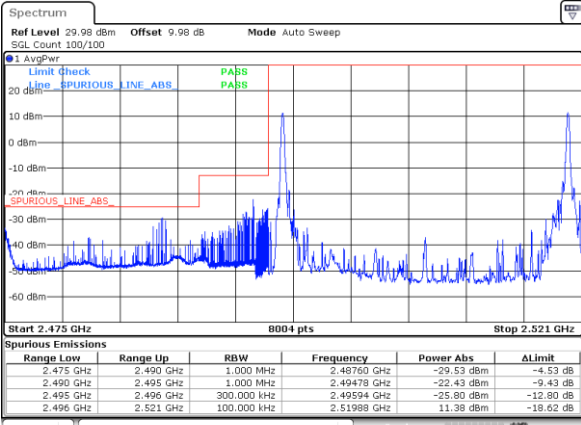


LTE Band 41C / 5MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

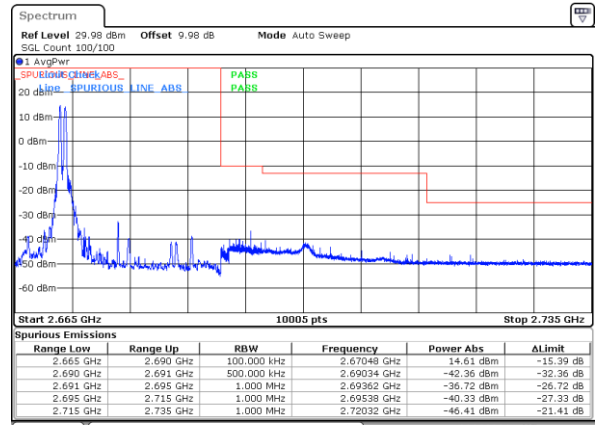
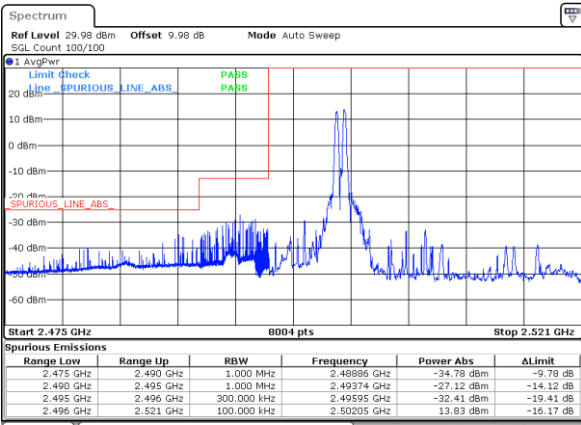


Date: 30_SEP_2024 15:21:24

Date: 30_SEP_2024 15:31:18

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

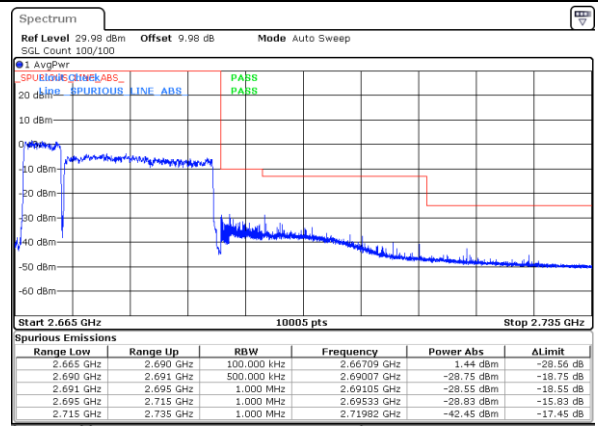
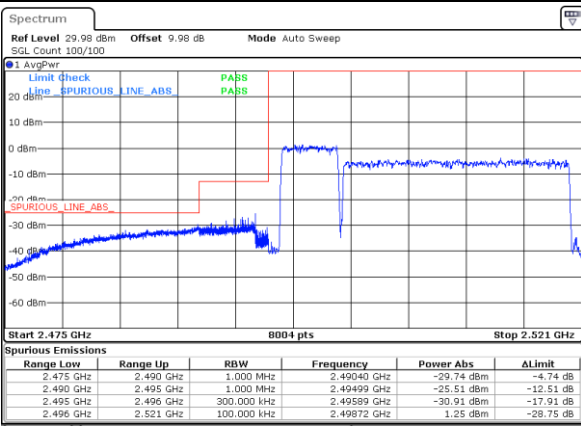


Date: 30_SEP_2024 15:18:17

Date: 30_SEP_2024 15:27:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP_2024 15:24:32

Date: 30_SEP_2024 15:34:24

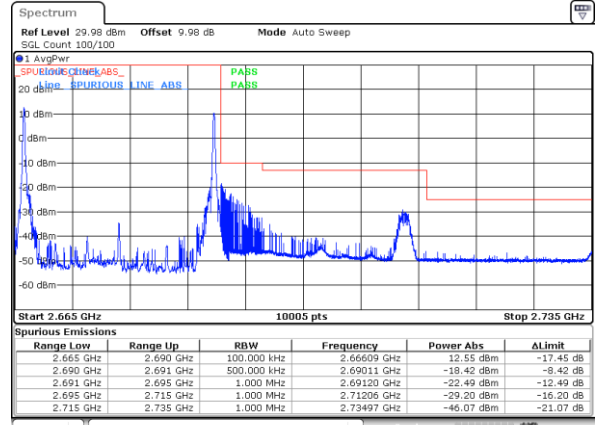
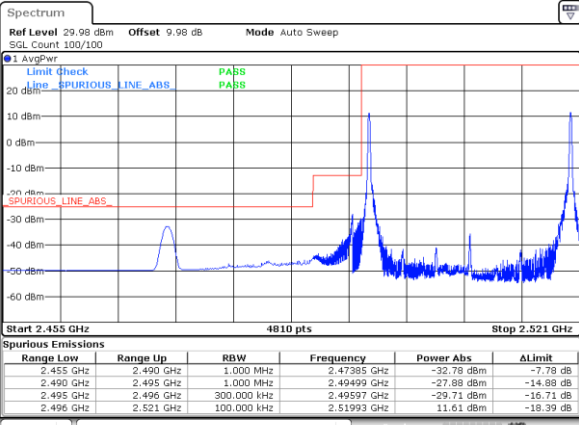


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

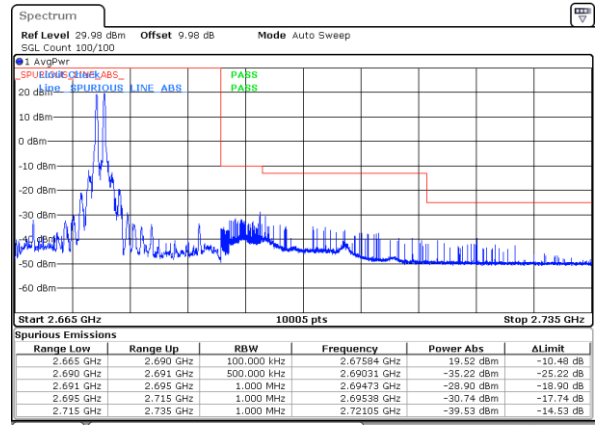
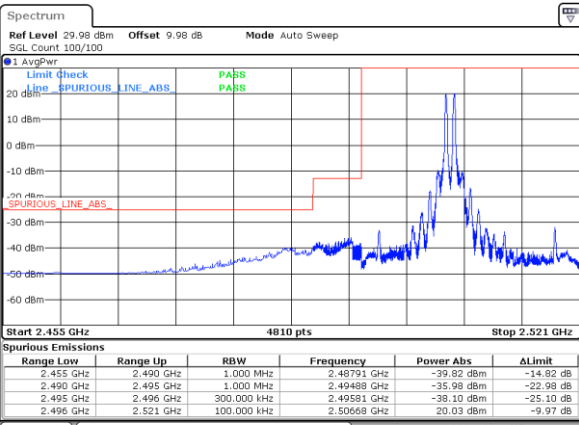


Date: 30_SEP_2024 15:38:59

Date: 30_SEP_2024 15:49:00

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

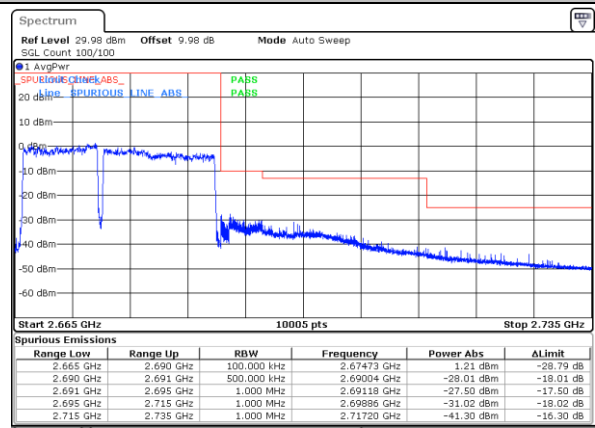
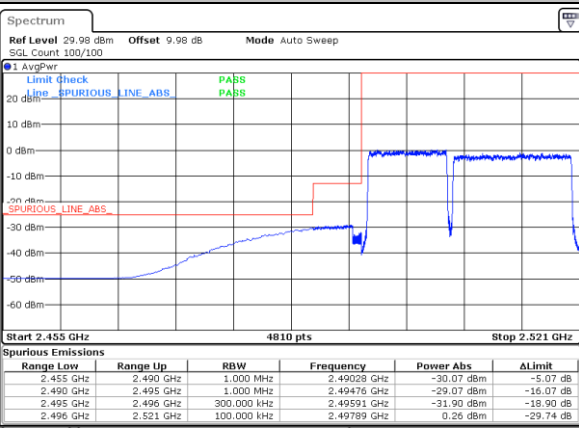


Date: 30_SEP_2024 15:35:47

Date: 30_SEP_2024 15:45:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP_2024 15:42:09

Date: 30_SEP_2024 15:52:05

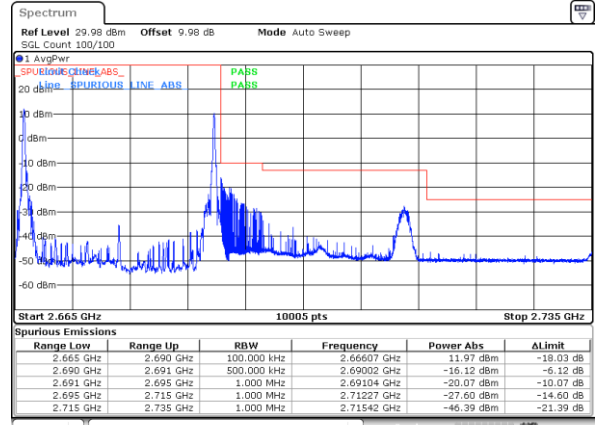
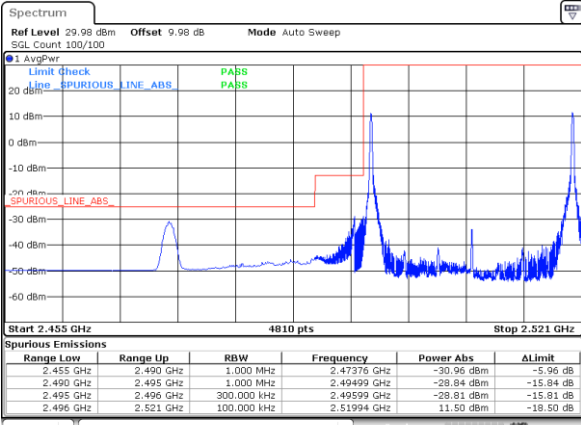


LTE Band 41C / 10MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

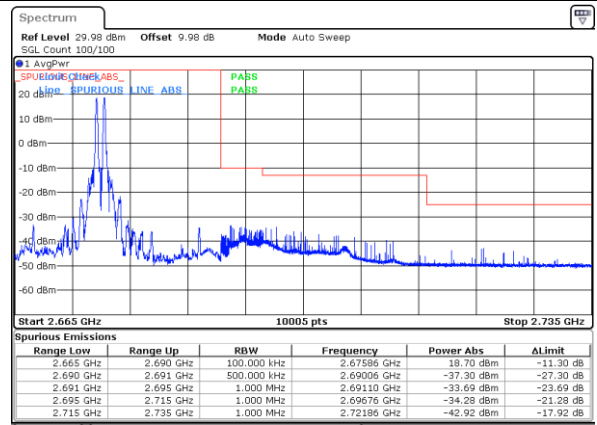
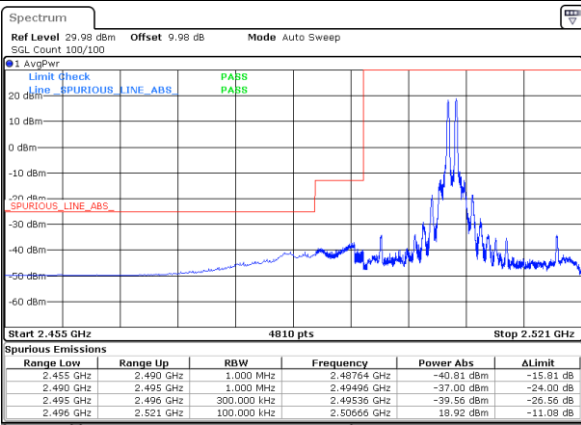


Date: 30_SEP.2024 15:39:46

Date: 30_SEP.2024 15:49:47

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

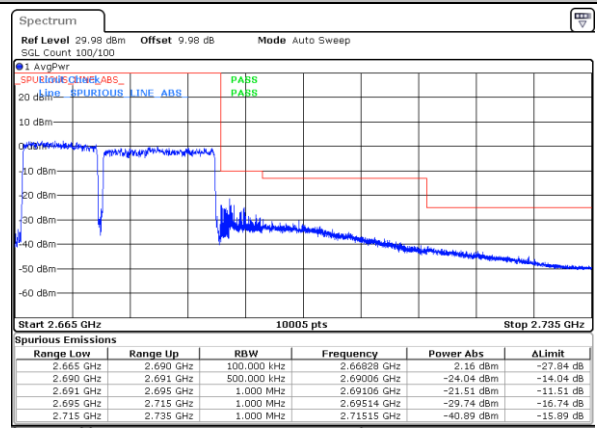
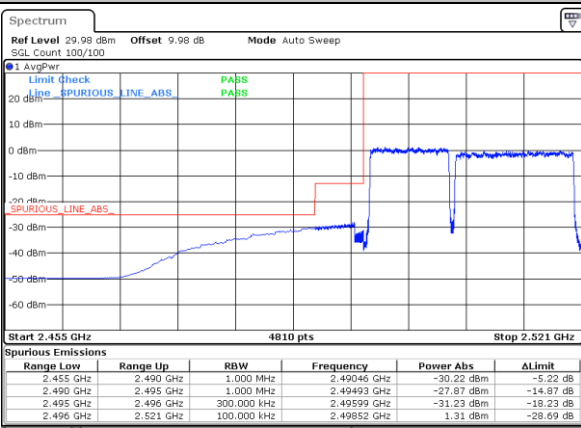


Date: 30_SEP.2024 15:36:35

Date: 30_SEP.2024 15:46:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP.2024 15:42:56

Date: 30_SEP.2024 15:52:52

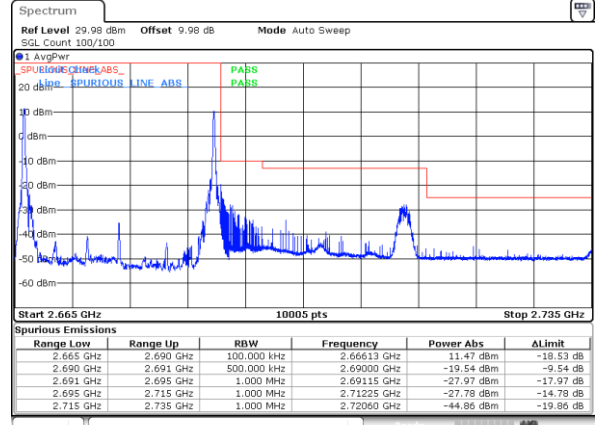
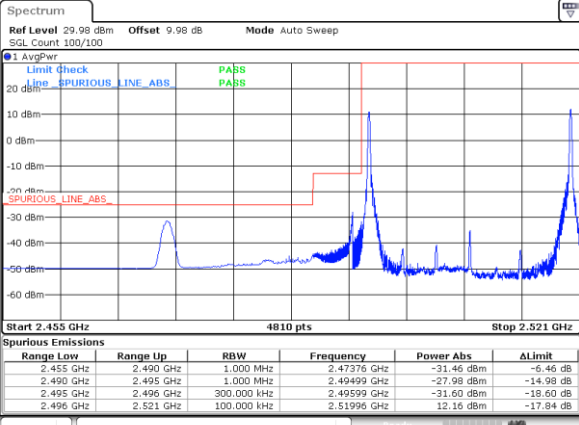


LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

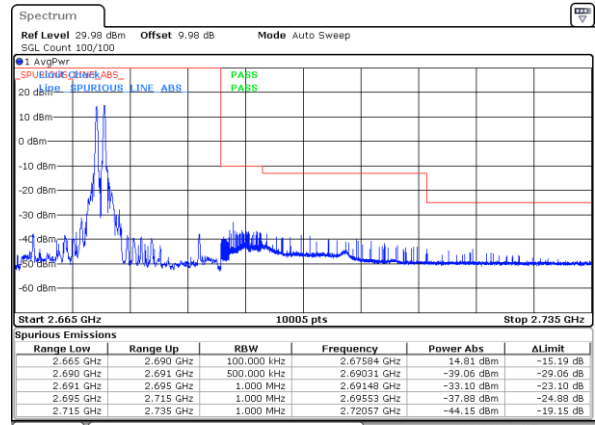
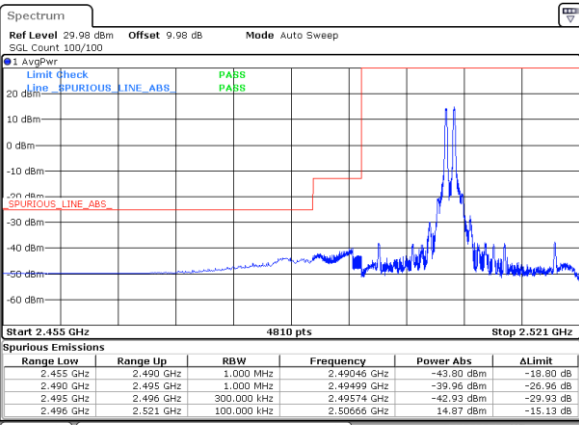


Date: 30_SEP.2024 15:40:34

Date: 30_SEP.2024 15:50:33

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

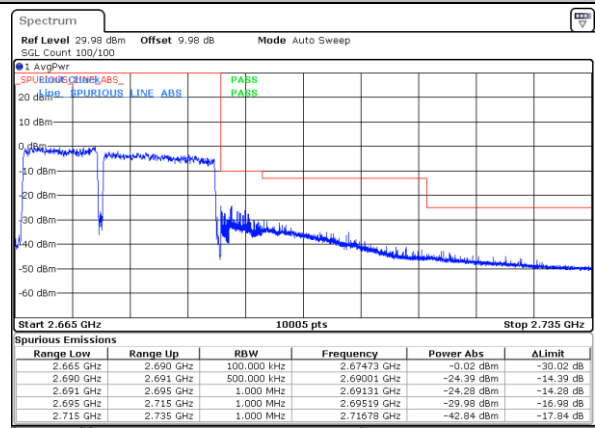
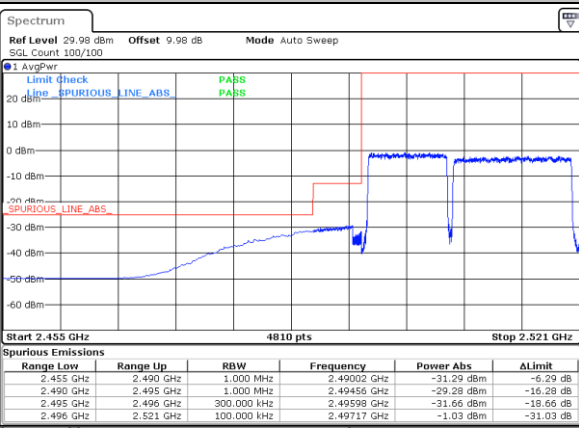


Date: 30_SEP.2024 15:37:23

Date: 30_SEP.2024 15:47:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP.2024 15:43:43

Date: 30_SEP.2024 15:53:38

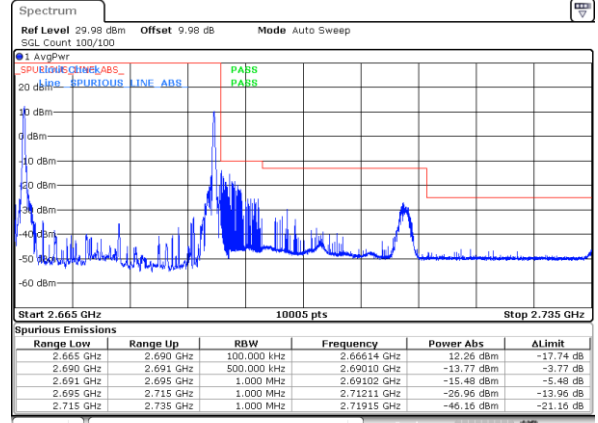
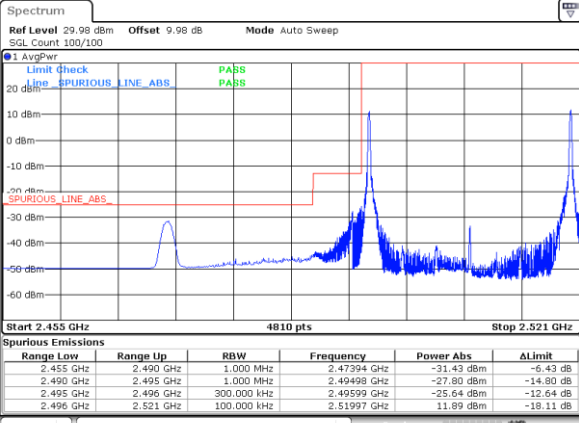


LTE Band 41C / 10MHz+15MHz

256AM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

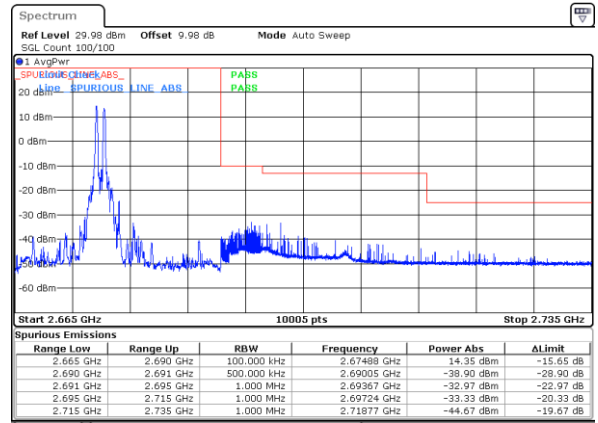
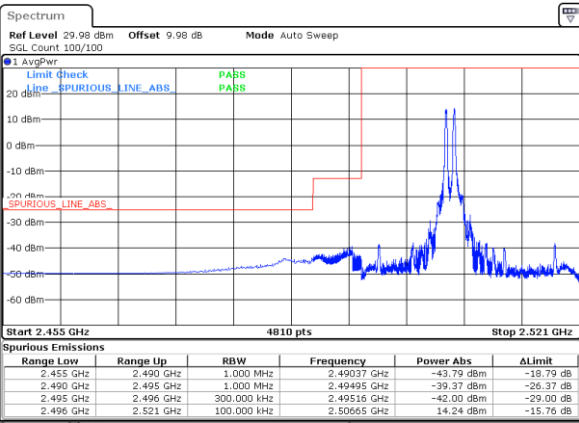


Date: 30_SEP_2024 15:41:21

Date: 30_SEP_2024 15:51:19

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

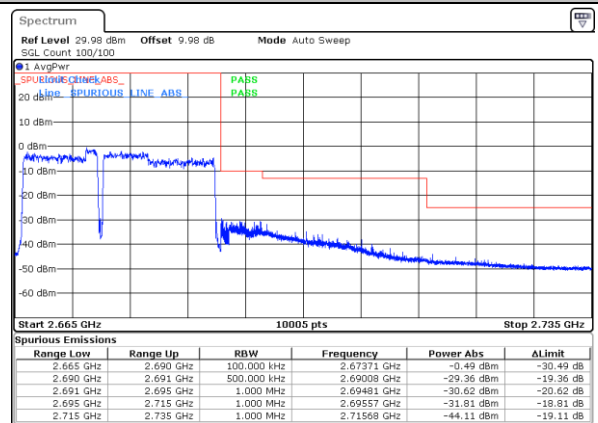
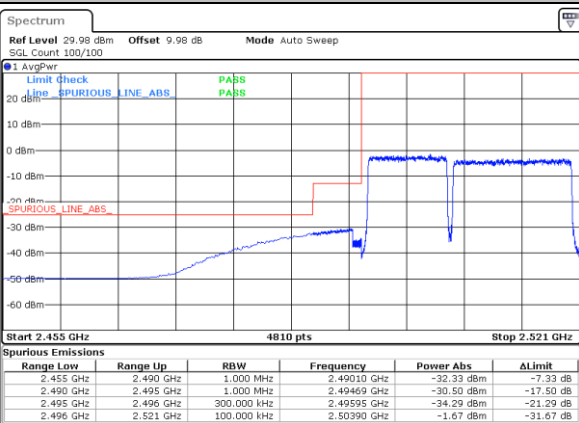


Date: 30_SEP_2024 15:38:11

Date: 30_SEP_2024 15:48:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP_2024 15:44:30

Date: 30_SEP_2024 15:54:24

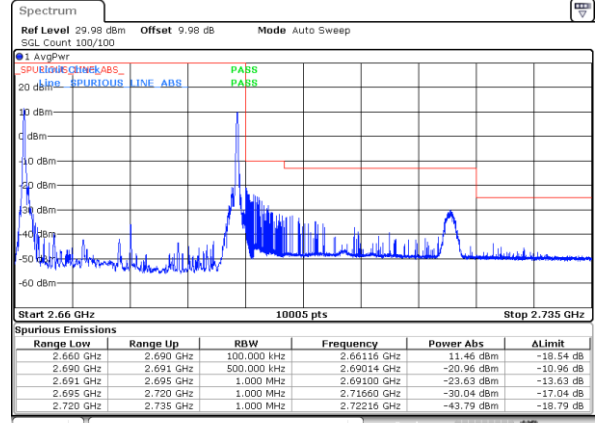
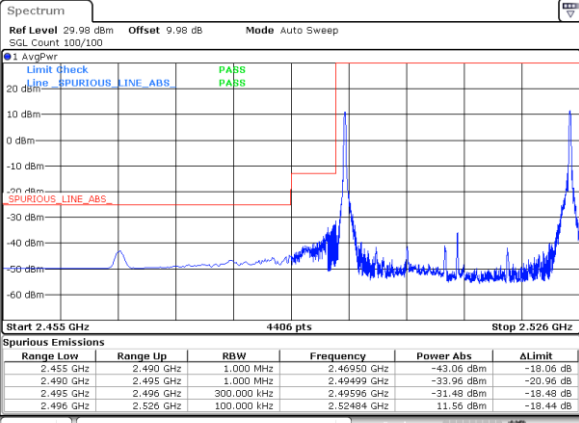


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

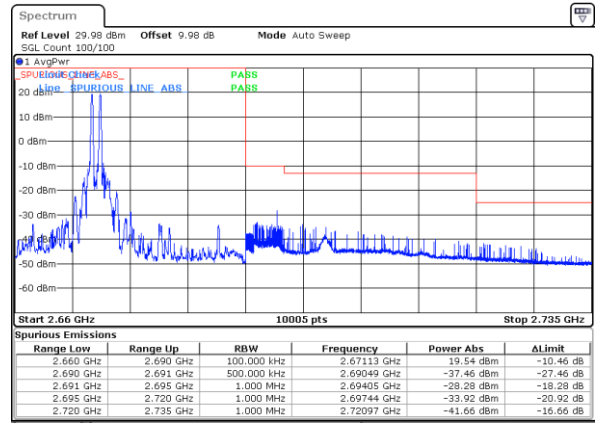
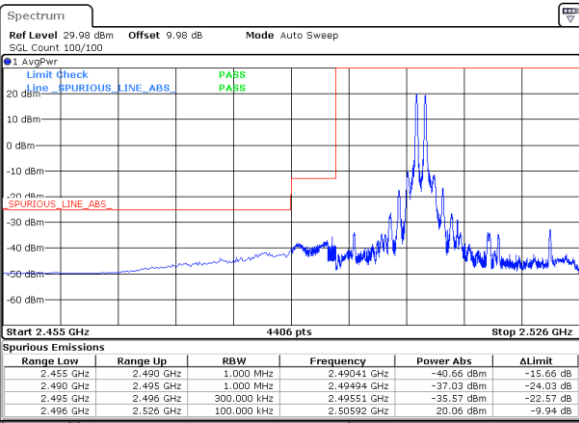


Date: 30_SEP.2024 15:59:01

Date: 30_SEP.2024 16:09:06

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

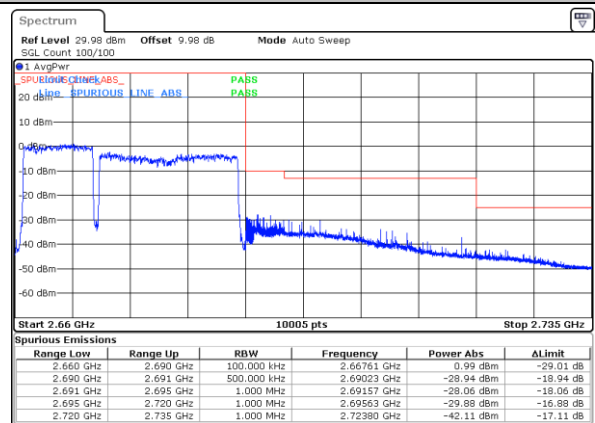
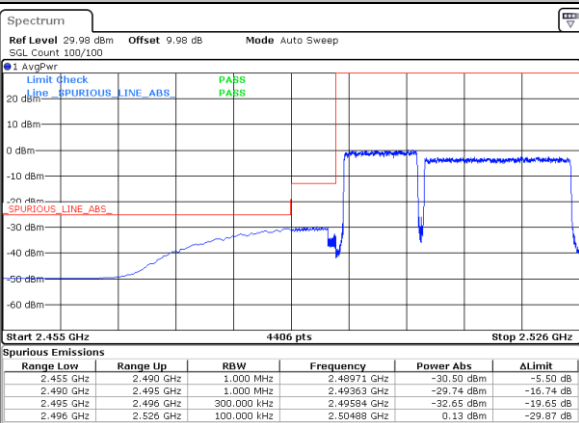


Date: 30_SEP.2024 15:55:49

Date: 30_SEP.2024 16:06:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP.2024 16:02:14

Date: 30_SEP.2024 16:12:09

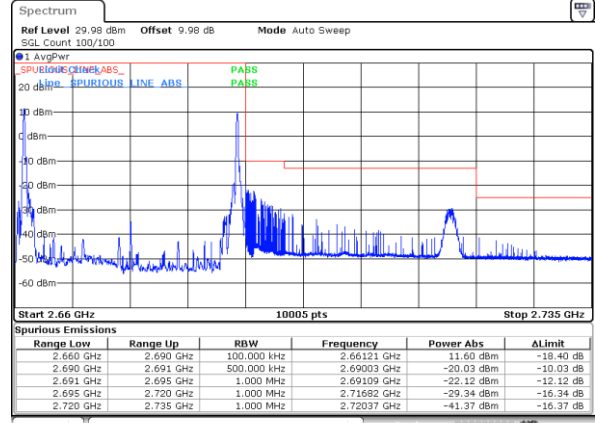
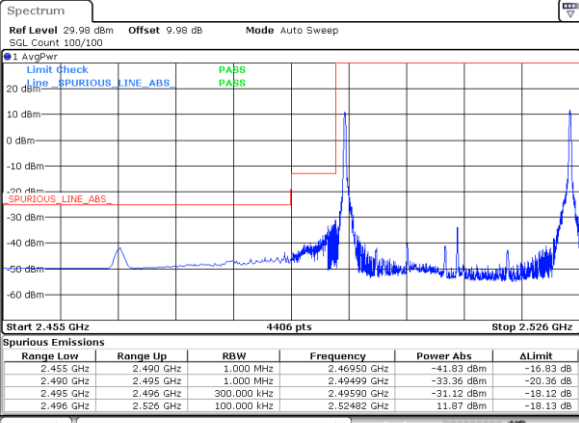


LTE Band 41C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

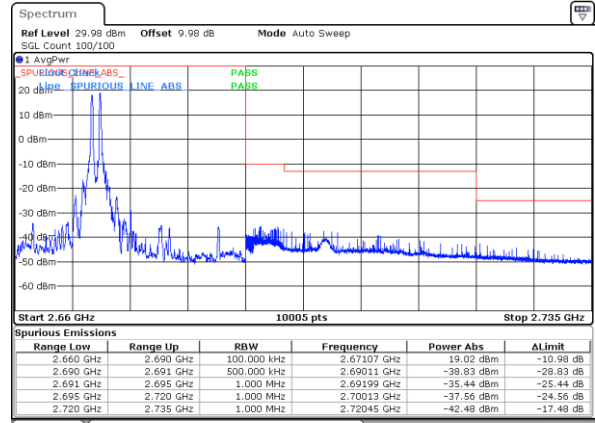
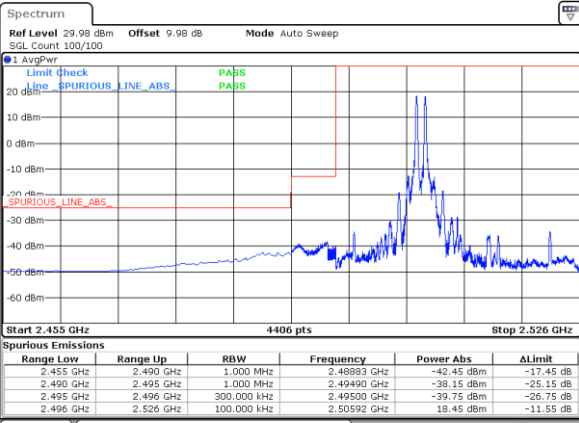


Date: 30_SEP_2024 15:59:49

Date: 30_SEP_2024 16:09:52

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

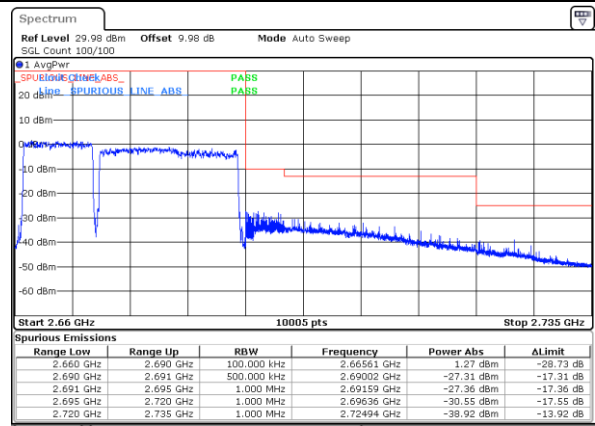
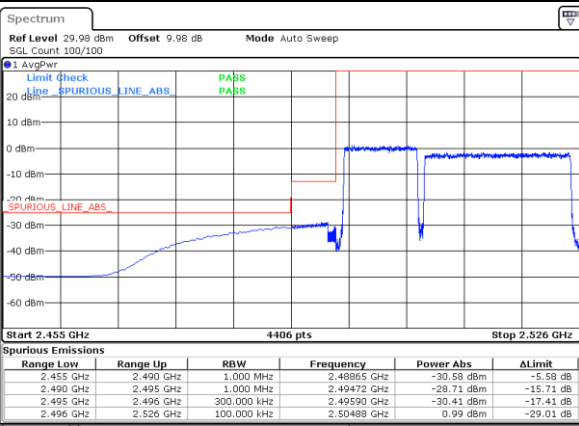


Date: 30_SEP_2024 15:56:37

Date: 30_SEP_2024 16:06:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP_2024 16:03:02

Date: 30_SEP_2024 16:12:55

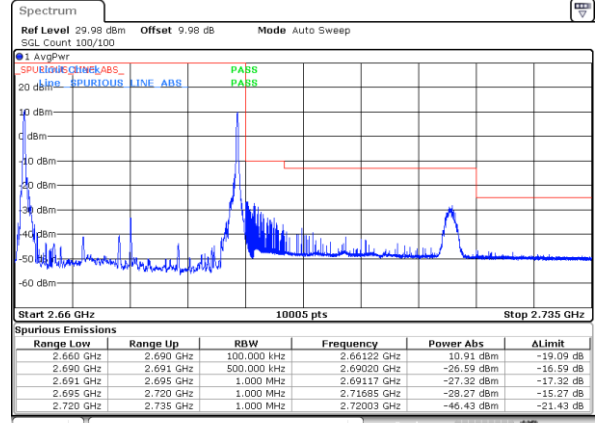
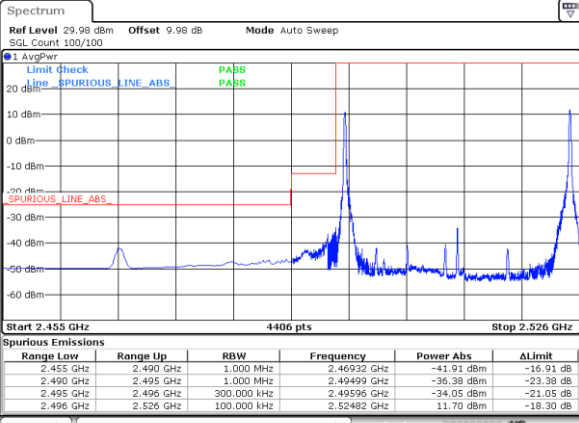


LTE Band 41C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

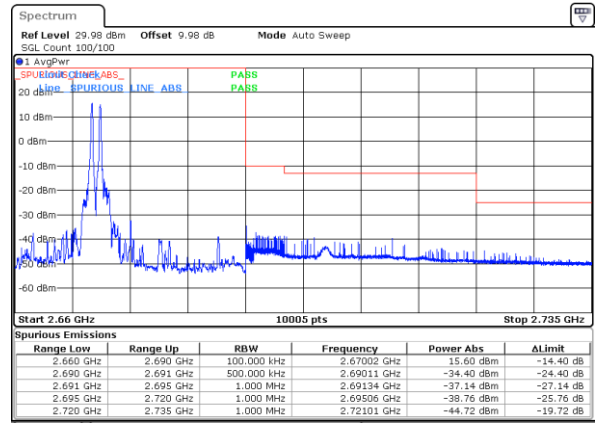
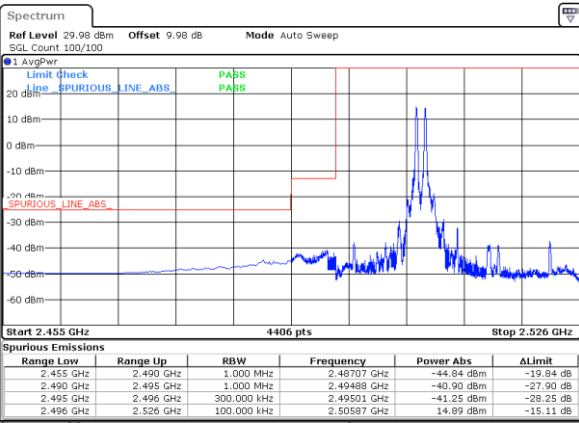


Date: 30_SEP.2024 16:00:38

Date: 30_SEP.2024 16:10:38

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

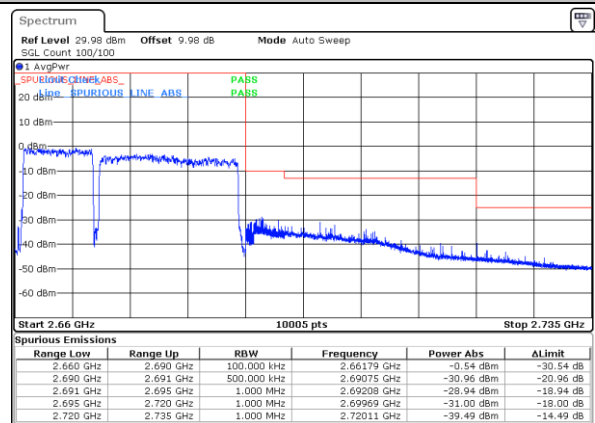
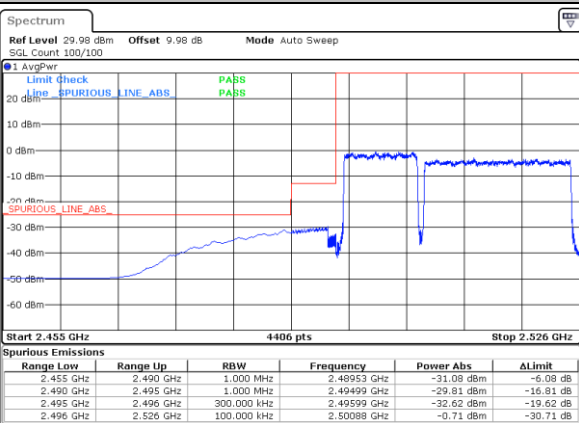


Date: 30_SEP.2024 15:57:25

Date: 30_SEP.2024 16:07:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30_SEP.2024 16:03:51

Date: 30_SEP.2024 16:13:40