

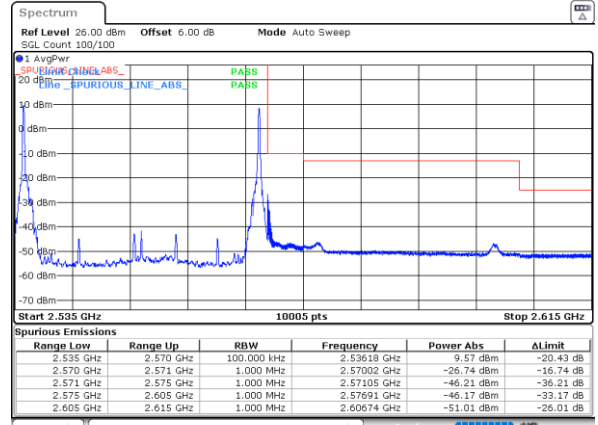
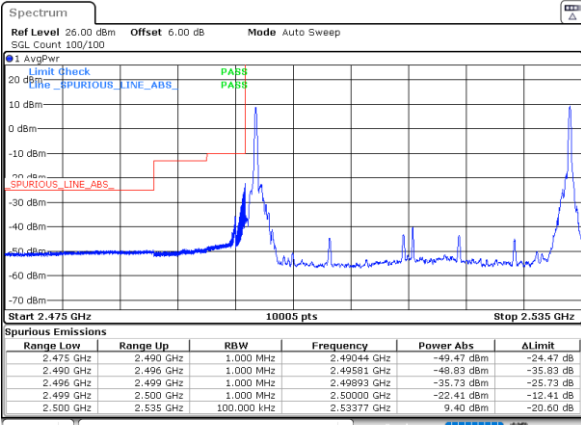


LTE Band 7C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

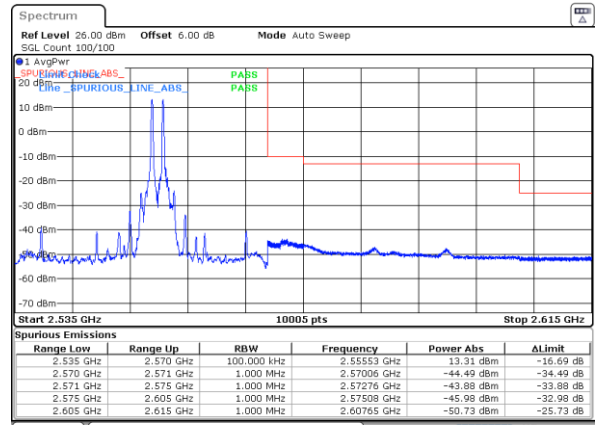
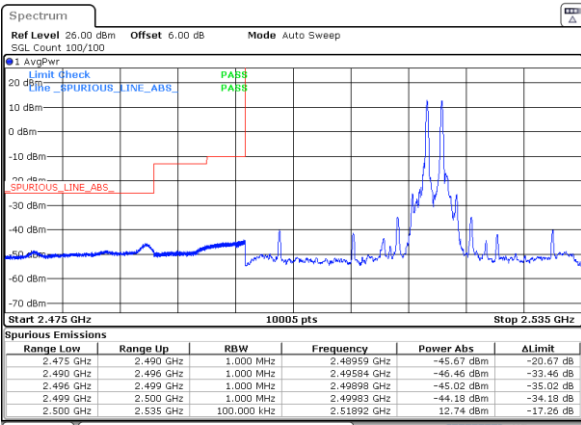


Date: 13.MAR.2024 01:37:26

Date: 13.MAR.2024 01:59:36

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

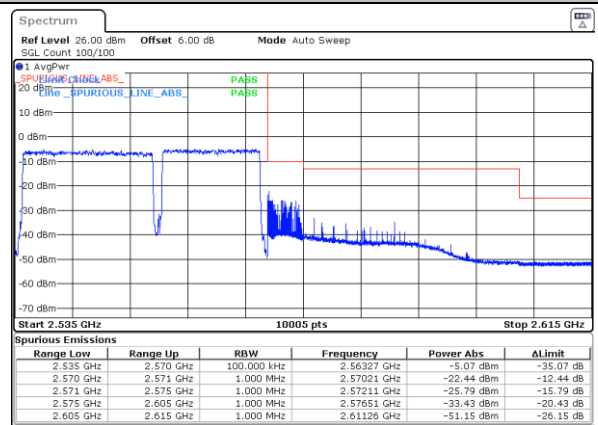
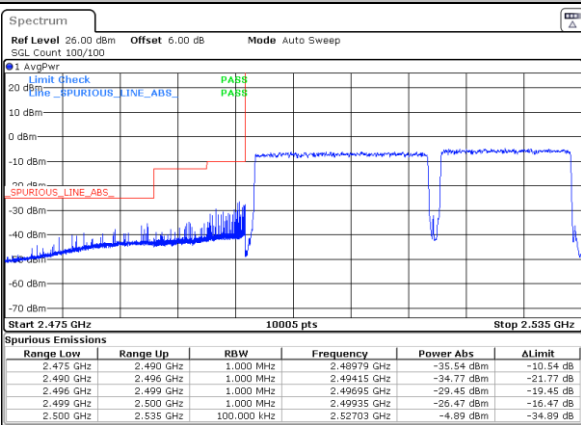


Date: 13.MAR.2024 01:40:26

Date: 13.MAR.2024 02:02:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 01:43:27

Date: 13.MAR.2024 02:05:35

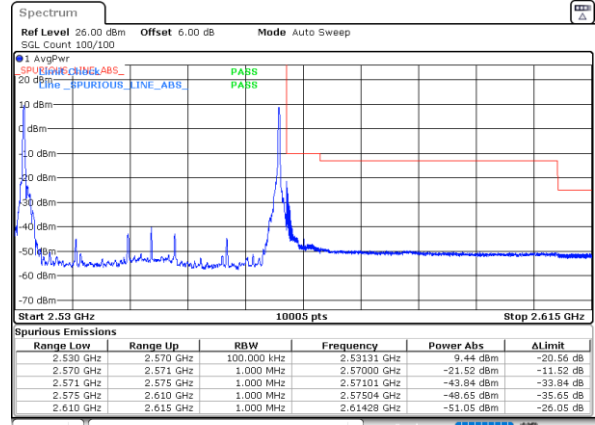
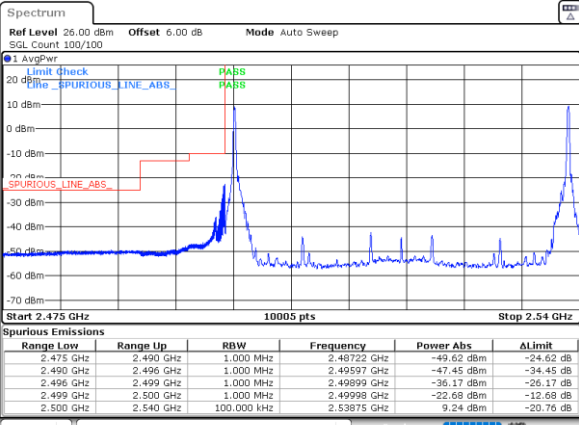


LTE Band 7C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

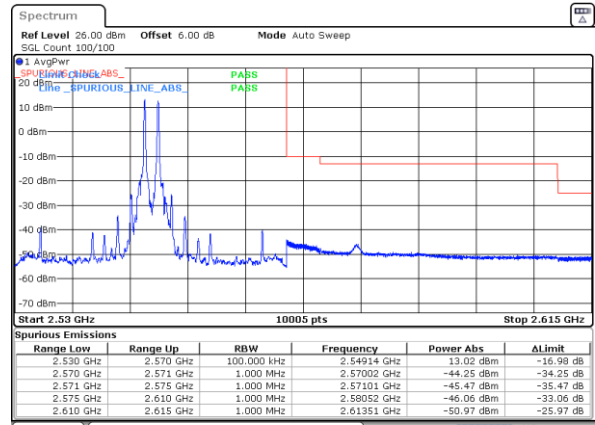
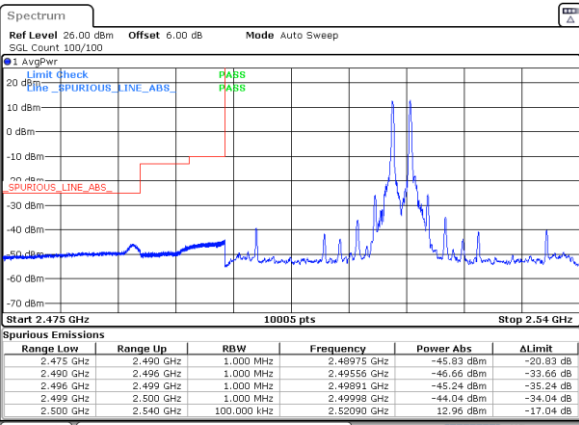


Date: 13.MAR.2024 02:22:21

Date: 13.MAR.2024 02:42:04

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

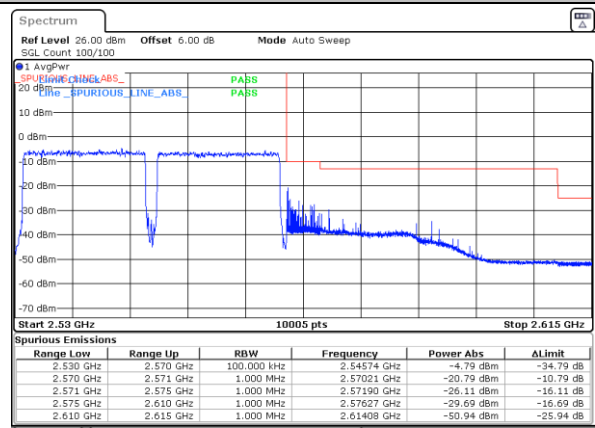
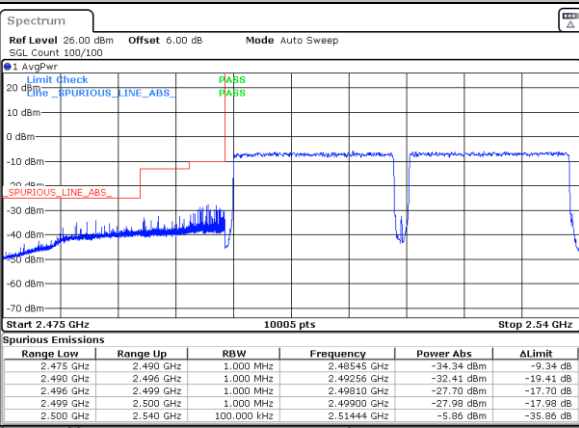


Date: 13.MAR.2024 02:25:13

Date: 13.MAR.2024 02:44:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 13.MAR.2024 02:28:06

Date: 13.MAR.2024 02:47:47

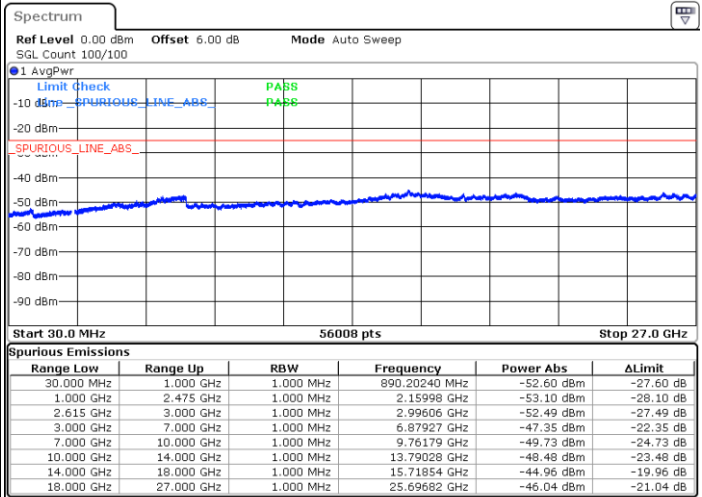
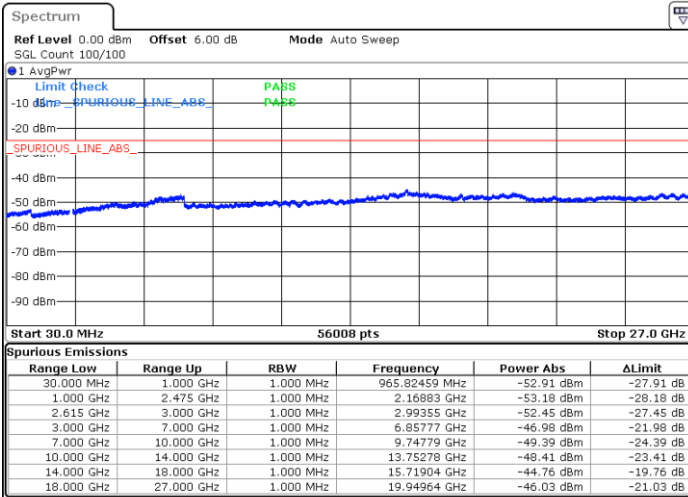


Conducted Spurious Emission

LTE Band 7C / 10MHz+20MHz

Lowest Channel / QPSK

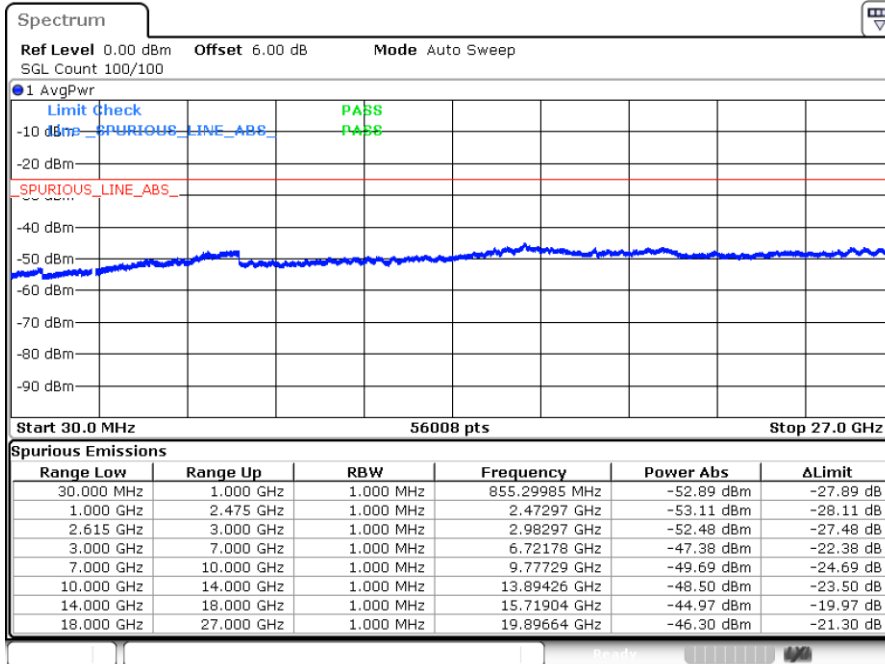
Middle Channel / QPSK



Date: 11.MAR.2024 01:24:03

Date: 11.MAR.2024 01:48:17

Highest Channel / QPSK



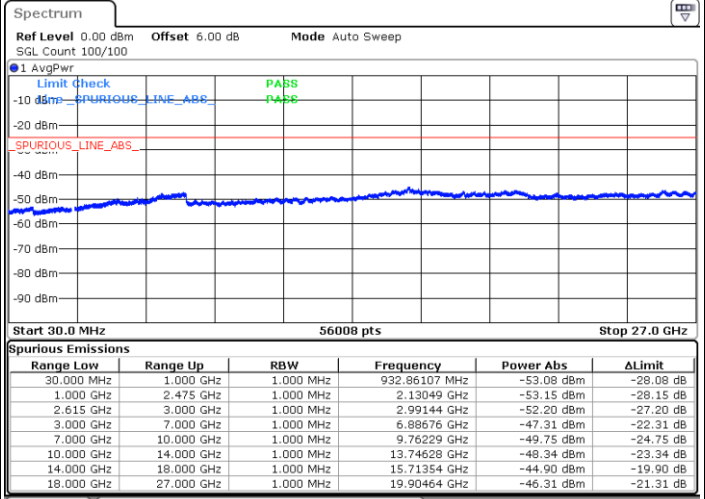
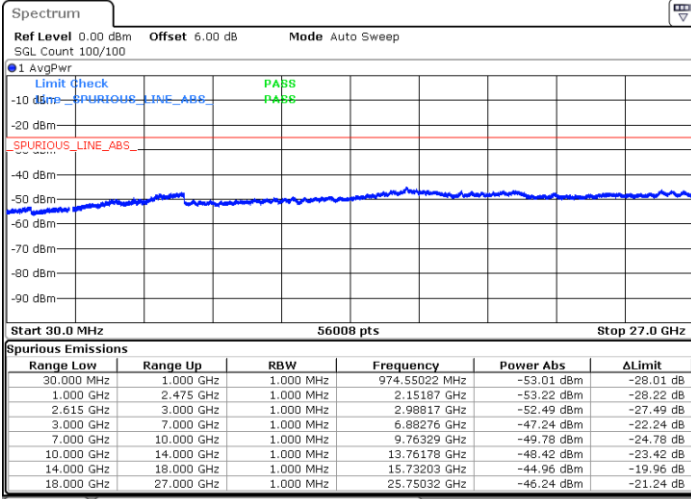
Date: 11.MAR.2024 01:49:55



LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

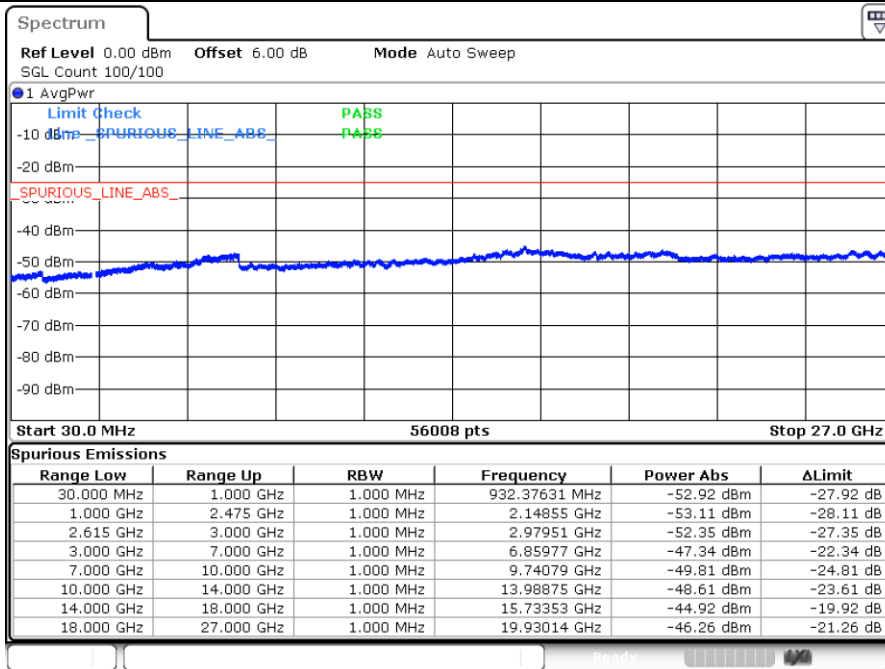
Middle Channel / QPSK



Date: 11.MAR.2024 02:15:28

Date: 11.MAR.2024 02:29:44

Highest Channel / QPSK



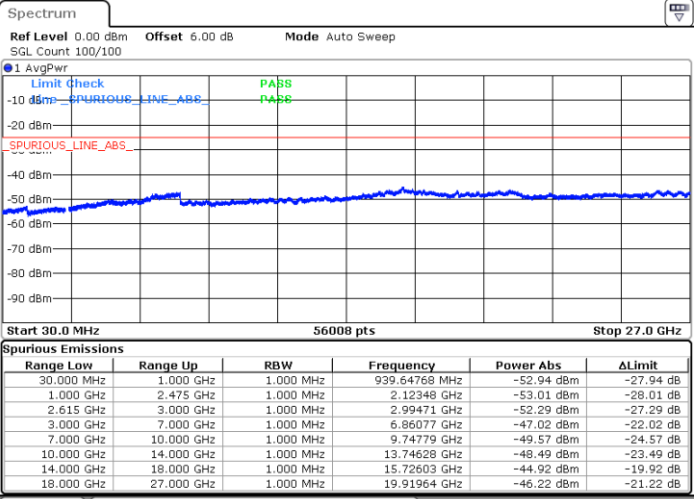
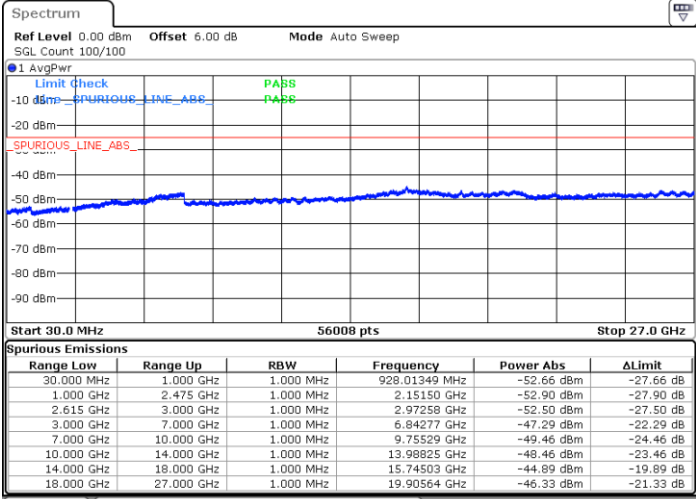
Date: 11.MAR.2024 02:31:22



LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

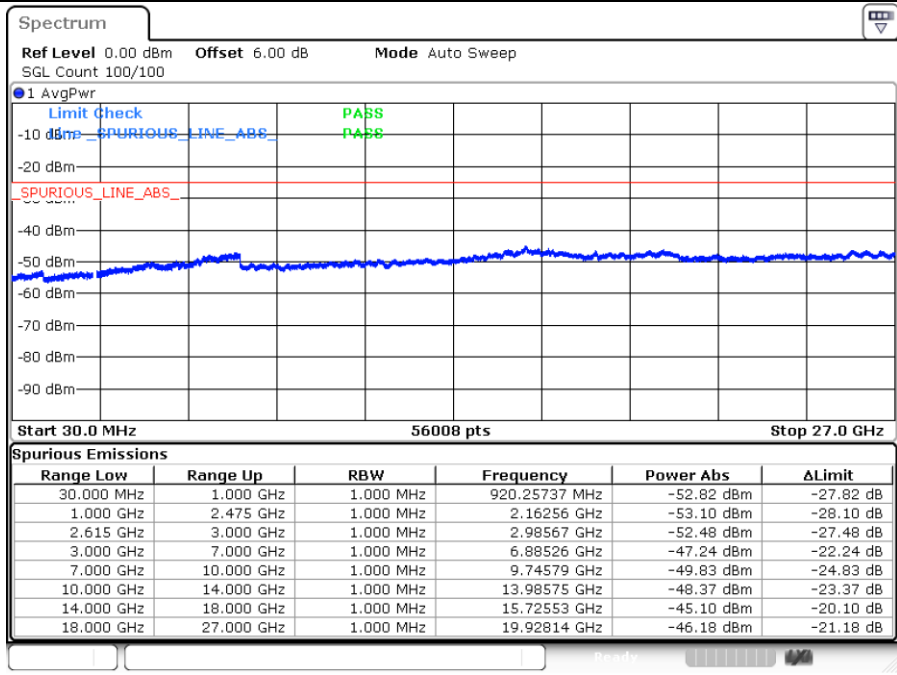
Middle Channel / QPSK



Date: 11.MAR.2024 04:42:16

Date: 11.MAR.2024 04:51:37

Highest Channel / QPSK



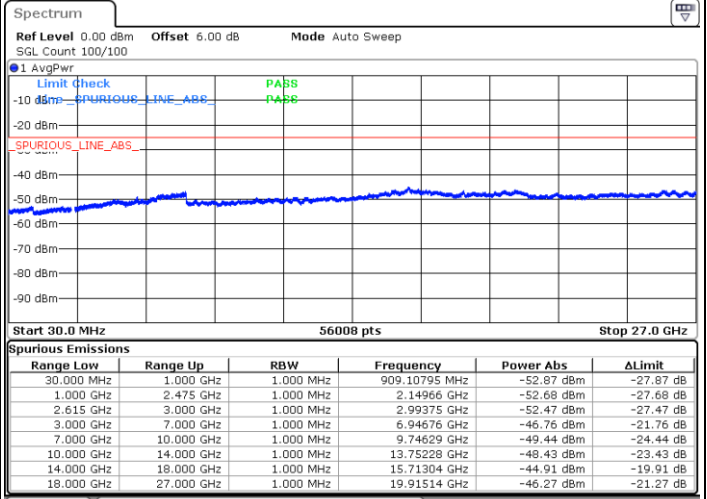
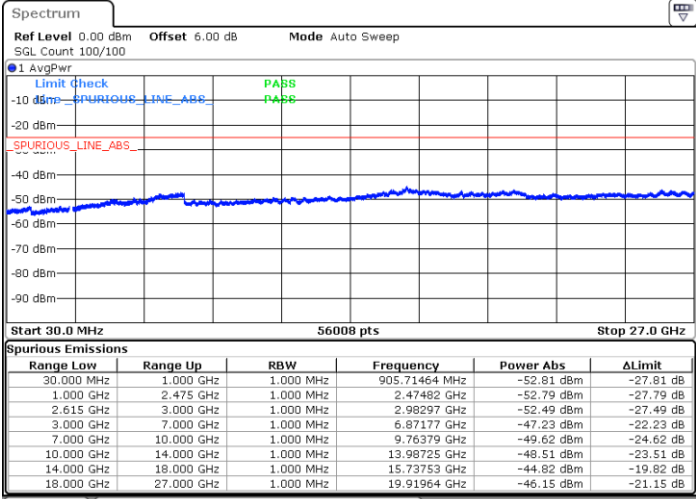
Date: 11.MAR.2024 04:53:04



LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

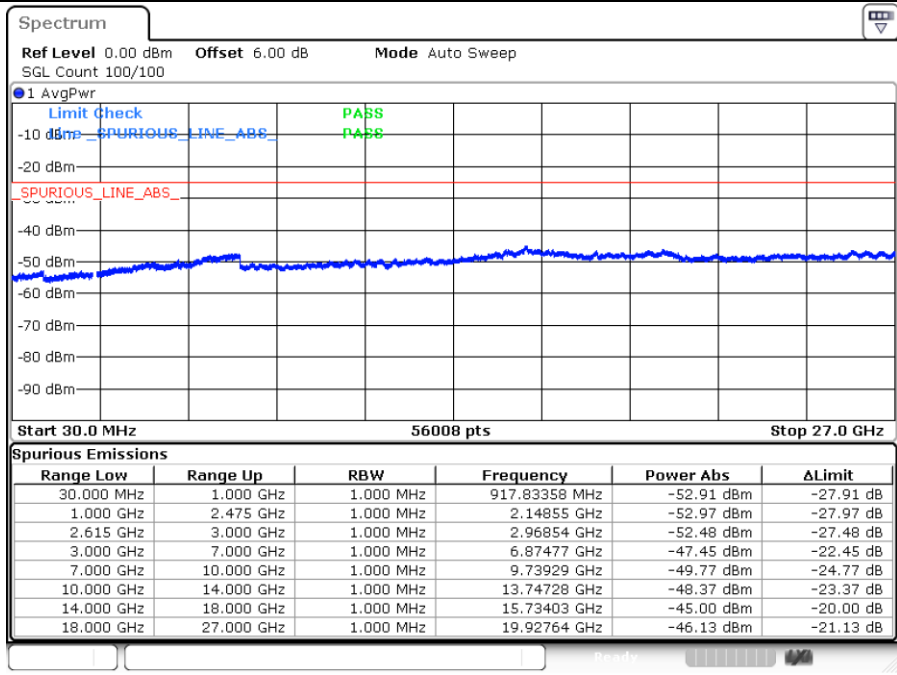
Middle Channel / QPSK



Date: 11.MAR.2024 05:12:56

Date: 11.MAR.2024 05:22:32

Highest Channel / QPSK



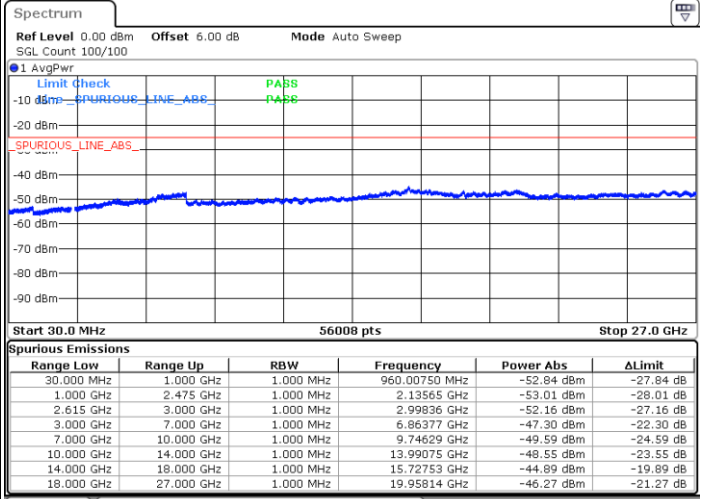
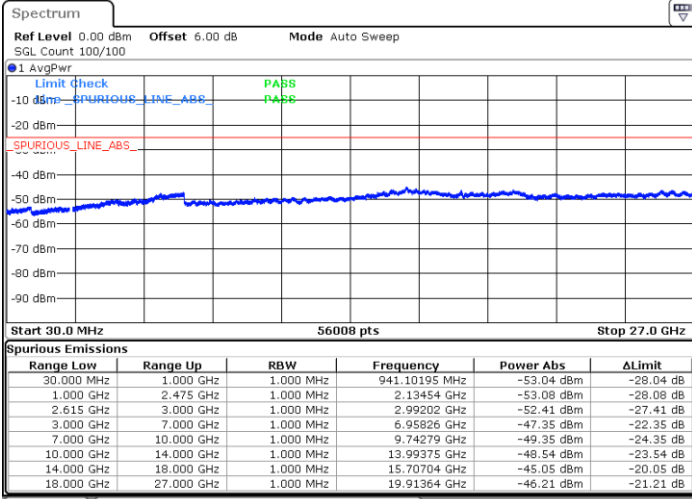
Date: 11.MAR.2024 05:23:58



LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

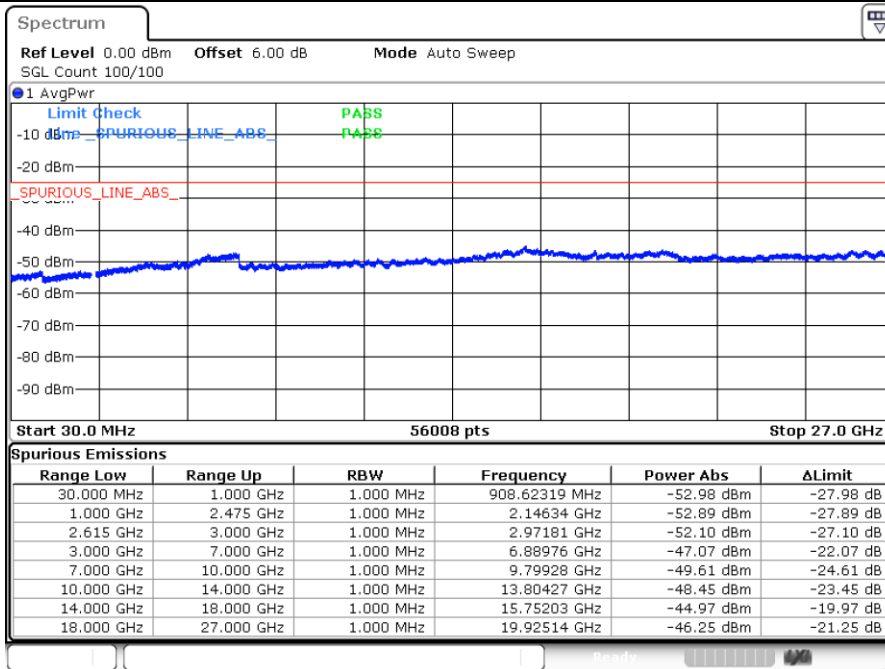
Middle Channel / QPSK



Date: 11.MAR.2024 05:42:42

Date: 11.MAR.2024 05:52:10

Highest Channel / QPSK



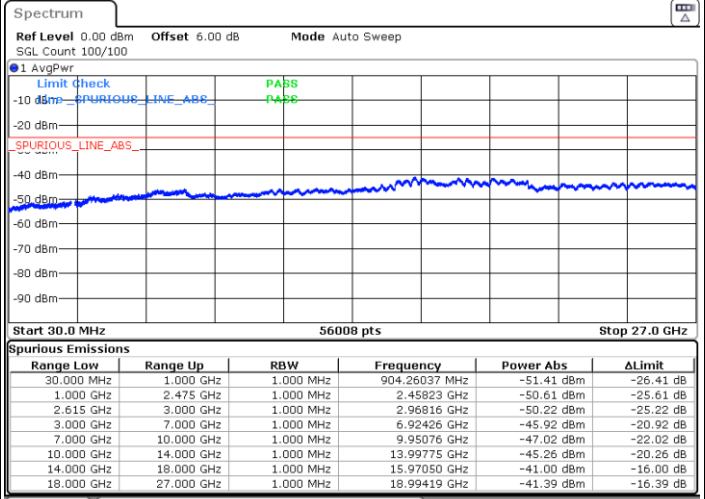
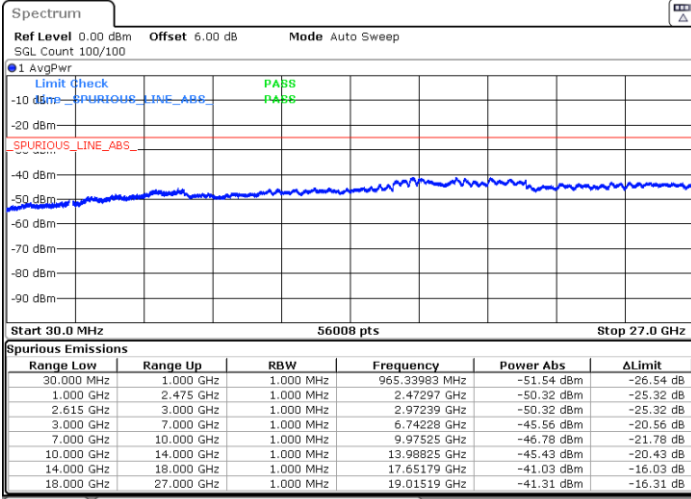
Date: 11.MAR.2024 05:53:39



LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

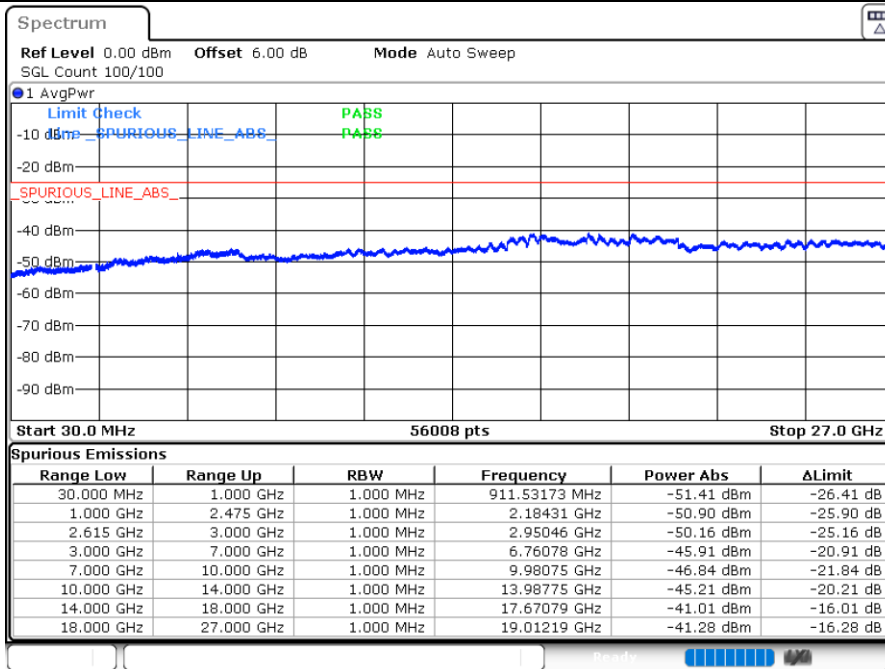
Middle Channel / QPSK



Date: 13.MAR.2024 02:15:42

Date: 13.MAR.2024 02:17:31

Highest Channel / QPSK



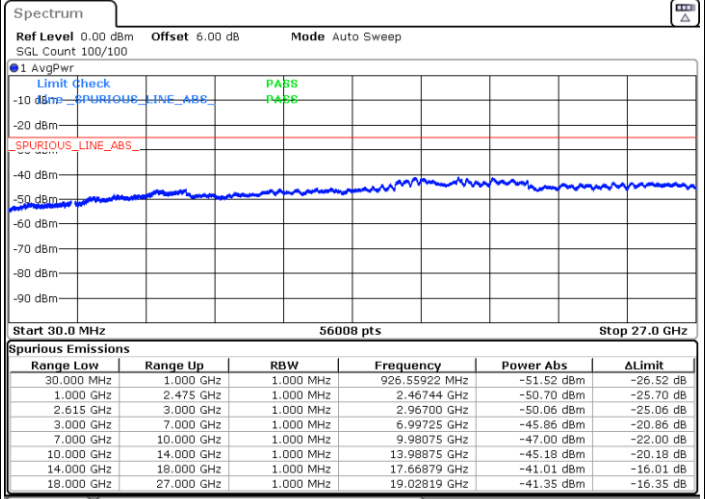
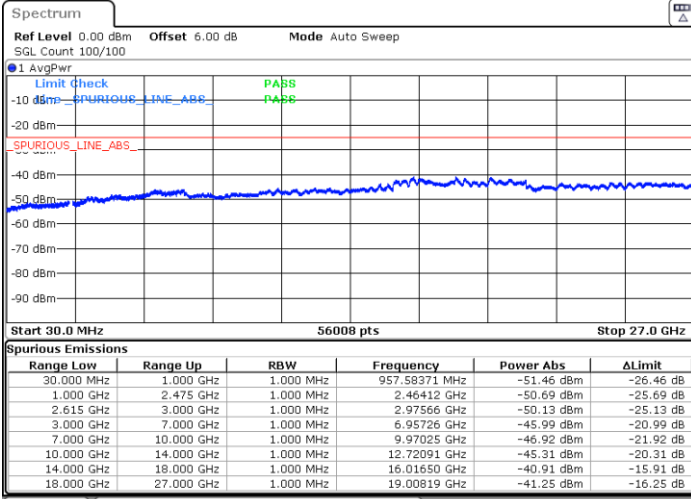
Date: 13.MAR.2024 02:19:27



LTE Band 7C /20MHz+20MHz

Lowest Channel / QPSK

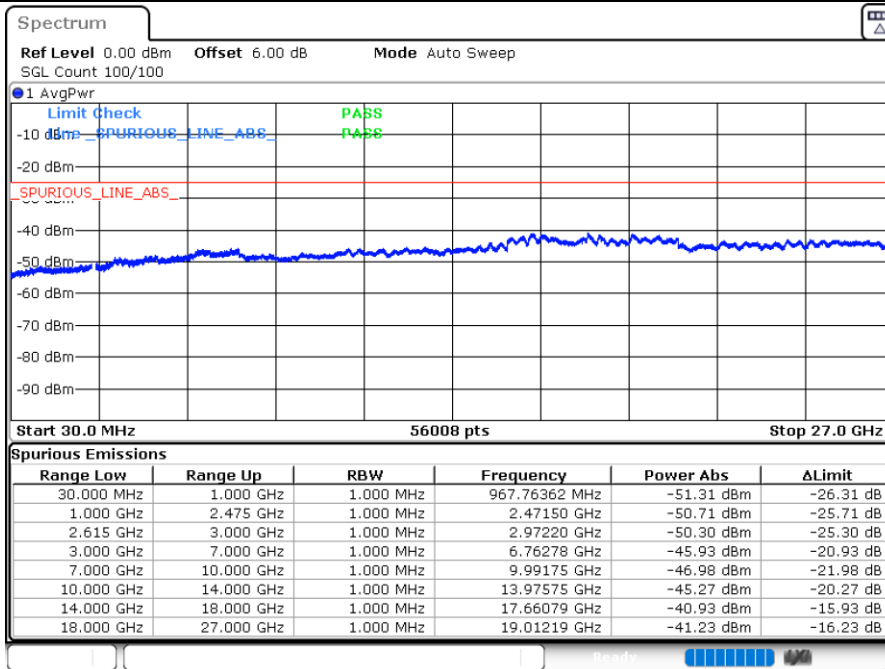
Middle Channel / QPSK



Date: 13.MAR.2024 02:09:23

Date: 13.MAR.2024 02:33:55

Highest Channel / QPSK



Date: 13.MAR.2024 02:38:33



Frequency Stability

Test Conditions		LTE Band 7C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PAS S
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_41C

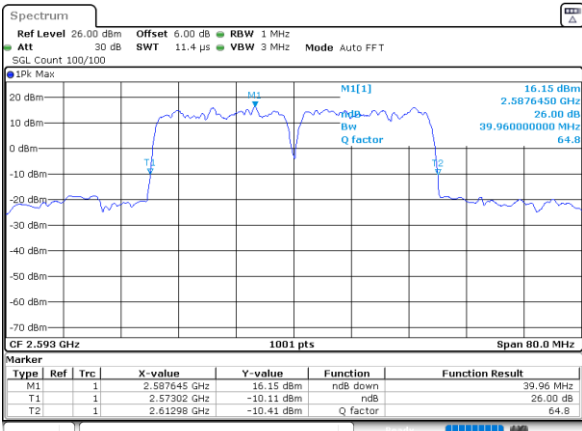
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.96	39.96
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	34.90
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.85
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.83	24.73
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.90
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.69	30.81
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.23	25.33
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.91	30.09
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.18	25.38
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	25.03	24.88



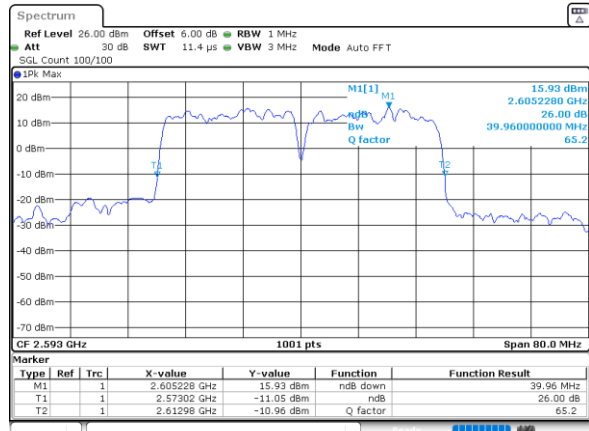
LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



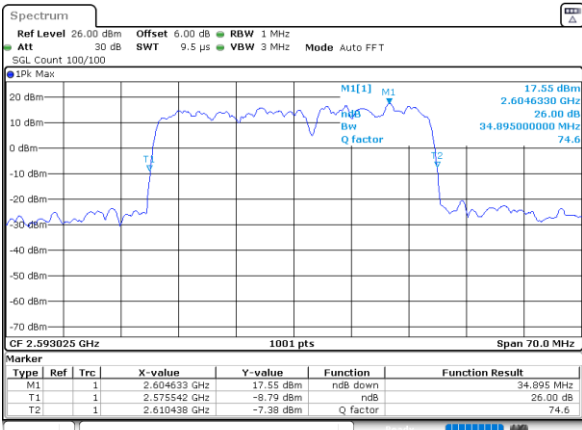
Date: 19_MAR_2024 22:19:33

Middle Channel / 20MHz+20MHz / 16QAM



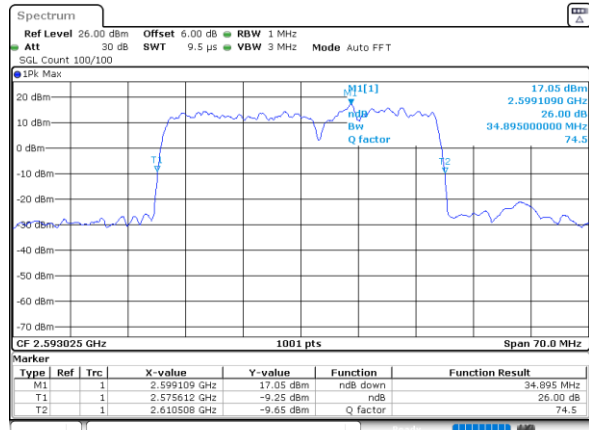
Date: 19_MAR_2024 22:23:26

Middle Channel / 20MHz+15MHz / QPSK



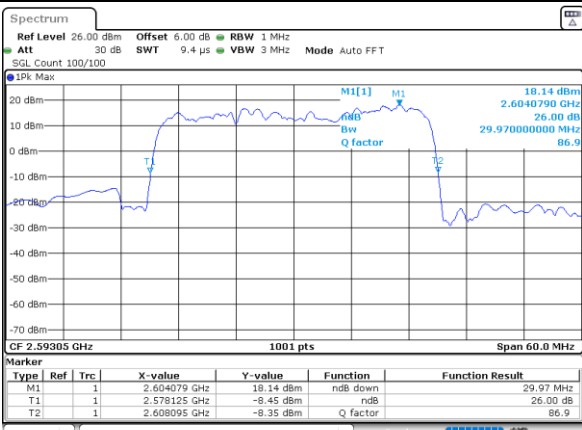
Date: 20_MAR_2024 01:03:53

Middle Channel / 20MHz+15MHz / 16QAM



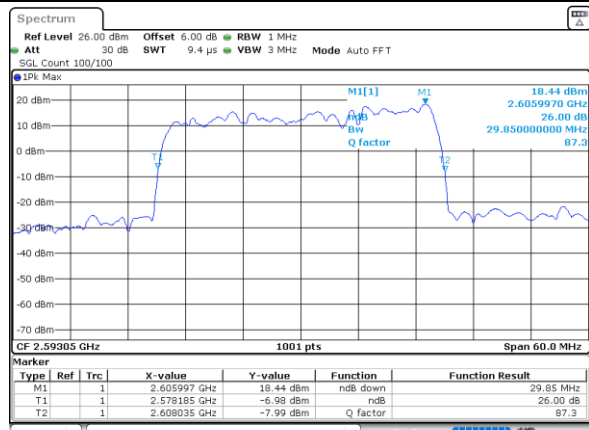
Date: 20_MAR_2024 01:04:50

Middle Channel / 20MHz+10MHz / QPSK



Date: 20_MAR_2024 00:47:10

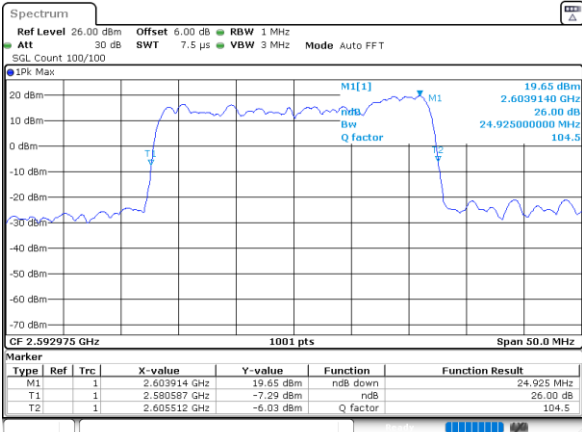
Middle Channel / 20MHz+10MHz / 16QAM



Date: 20_MAR_2024 00:48:38

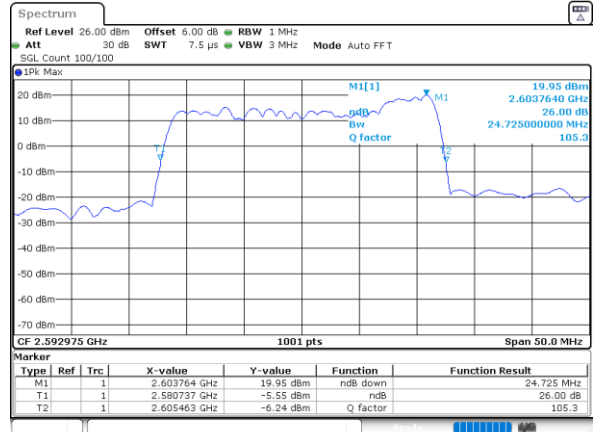


Middle Channel / 20MHz+5MHz / QPSK



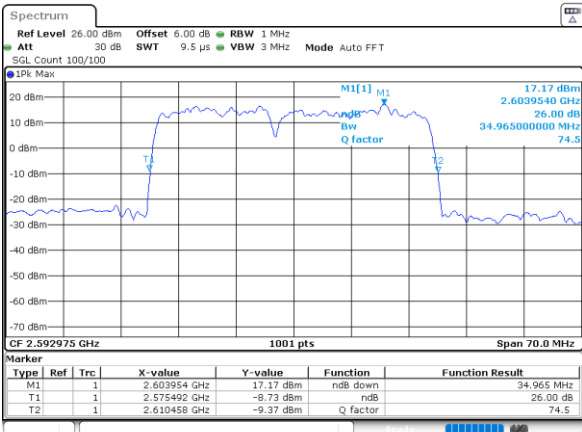
Date: 20.MAR.2024 00:44:13

Middle Channel / 20MHz+5MHz / 16QAM



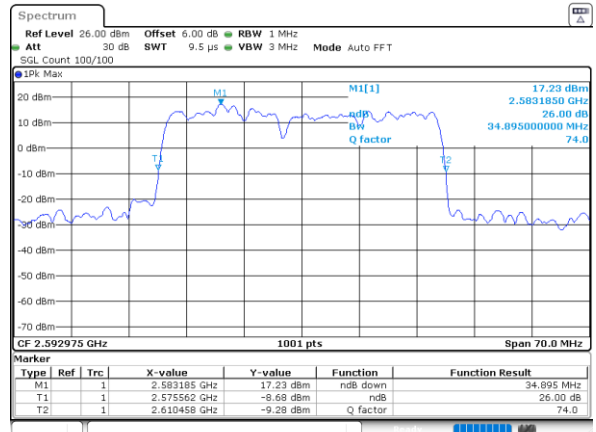
Date: 20.MAR.2024 00:45:06

Middle Channel / 15MHz+20MHz / QPSK



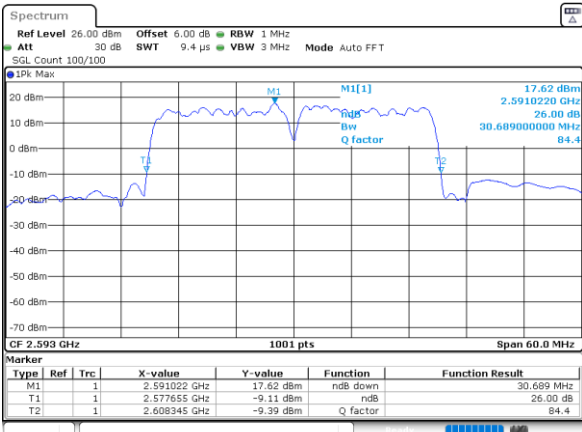
Date: 19.MAR.2024 23:41:53

Middle Channel / 15MHz+20MHz / 16QAM



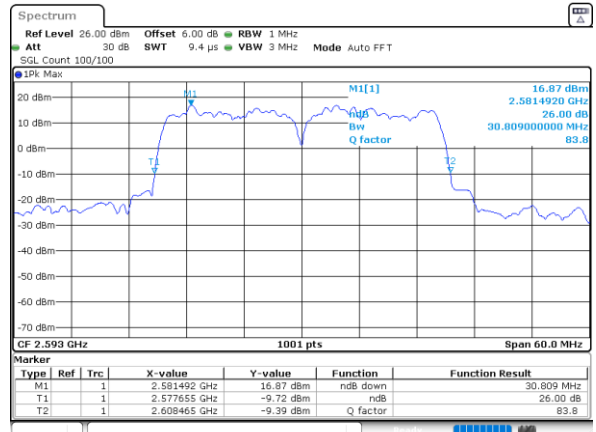
Date: 19.MAR.2024 23:43:05

Middle Channel / 15MHz+15MHz / QPSK



Date: 19.MAR.2024 22:56:17

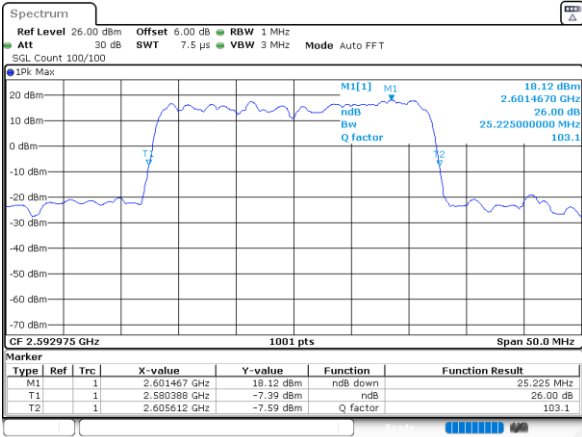
Middle Channel / 15MHz+15MHz / 16QAM



Date: 19.MAR.2024 22:57:15

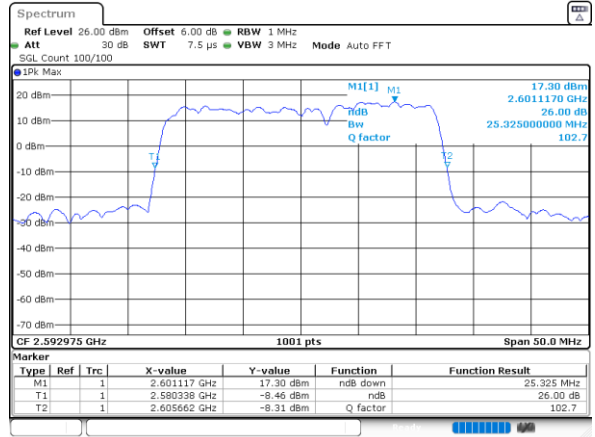


Middle Channel / 15MHz+10MHz / QPSK



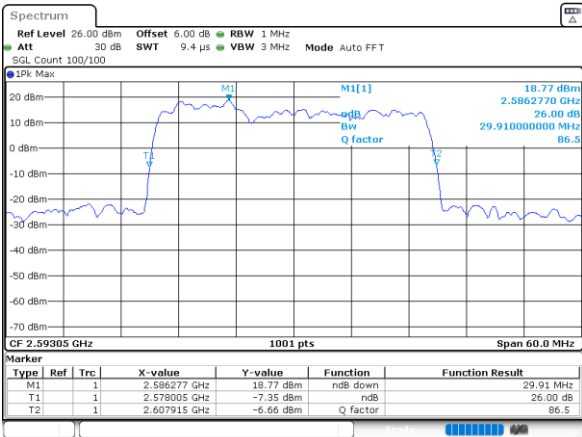
Date: 19_MAR_2024 22:49:30

Middle Channel / 15MHz+10MHz / 16QAM



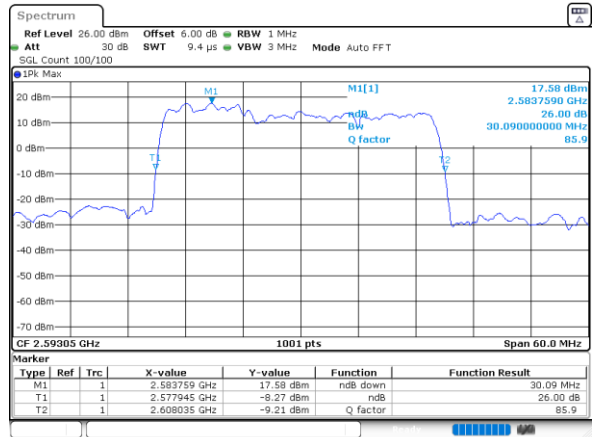
Date: 19_MAR_2024 22:51:28

Middle Channel / 10MHz+20MHz / QPSK



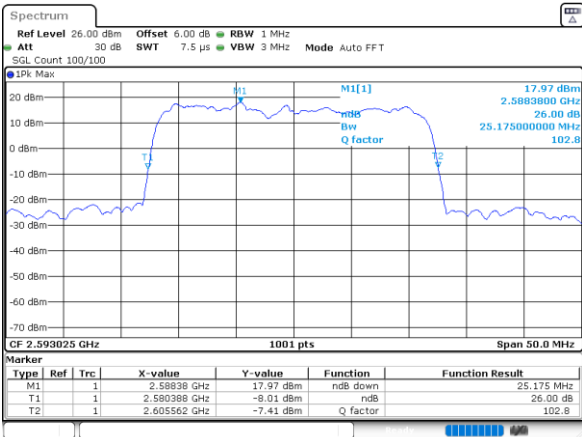
Date: 19_MAR_2024 22:35:53

Middle Channel / 10MHz+20MHz / 16QAM



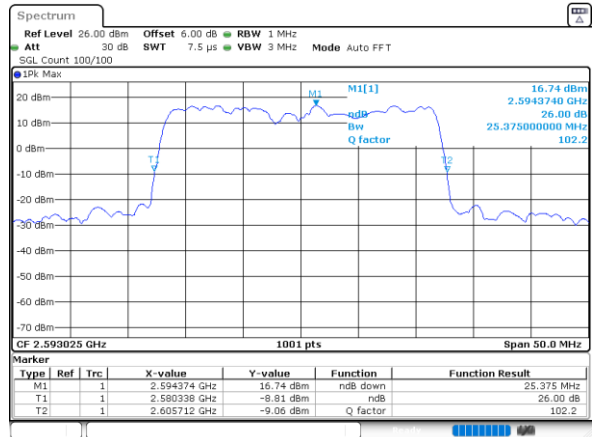
Date: 19_MAR_2024 22:36:53

Middle Channel / 10MHz+15MHz / QPSK

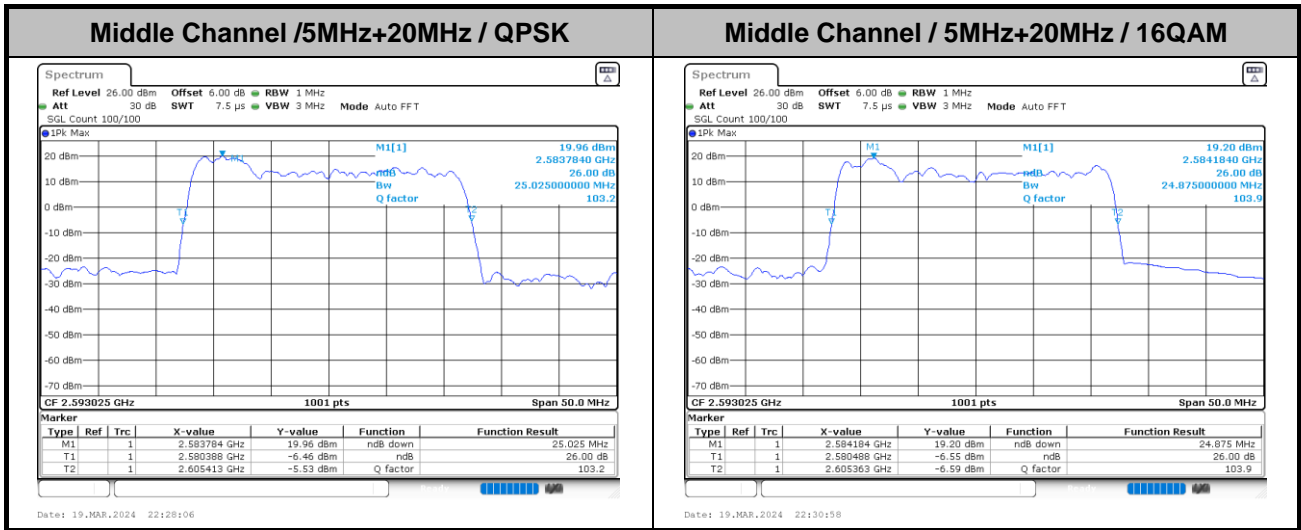


Date: 19_MAR_2024 22:32:55

Middle Channel / 10MHz+15MHz / 16QAM



Date: 19_MAR_2024 22:33:55





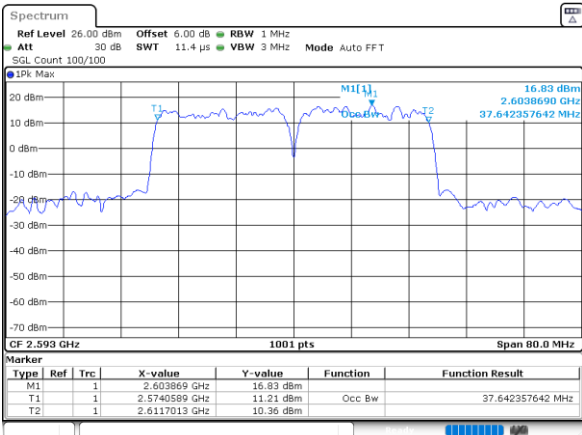
Occupied Bandwidth

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.64	37.80
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	33.01
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	28.11
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.38	23.23
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.66
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.41	28.89
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.43	23.48
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	27.81
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.58	23.28
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.28



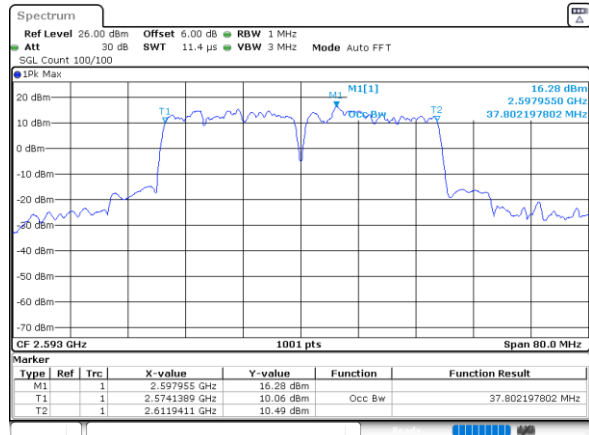
LTE Band 41C

Middle Channel / 20MHz+20MHz / QPSK



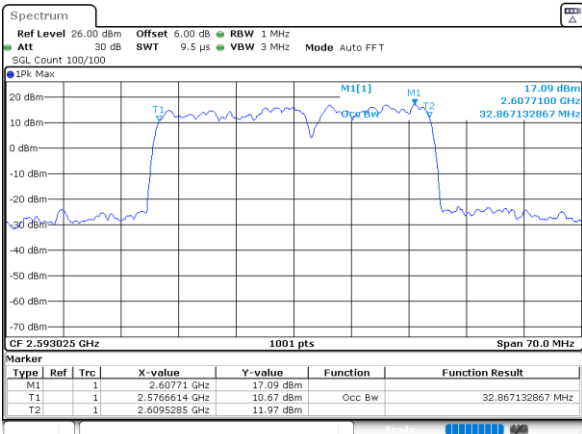
Date: 19_MAR_2024 22:18:59

Middle Channel / 20MHz+20MHz / 16QAM



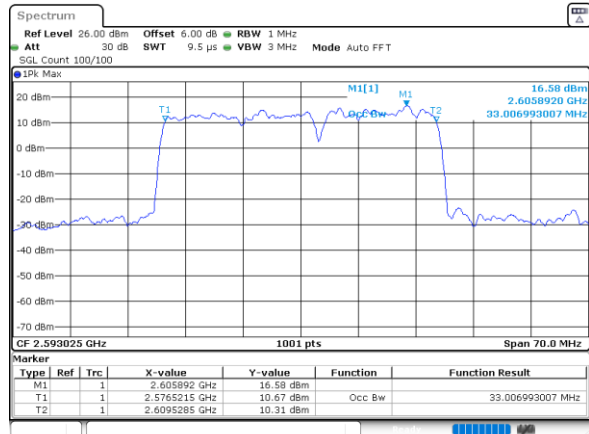
Date: 19_MAR_2024 22:20:12

Middle Channel / 20MHz+15MHz / QPSK



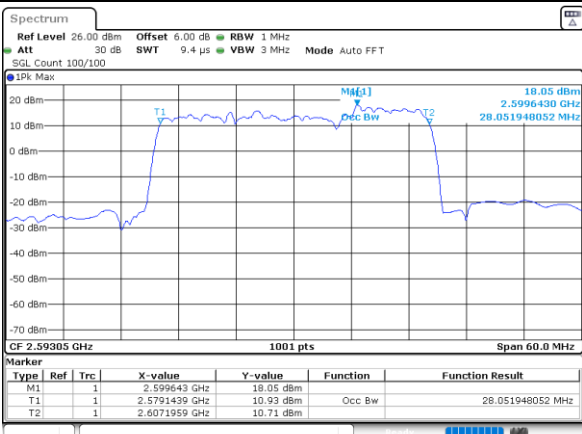
Date: 20_MAR_2024 01:03:26

Middle Channel / 20MHz+15MHz / 16QAM



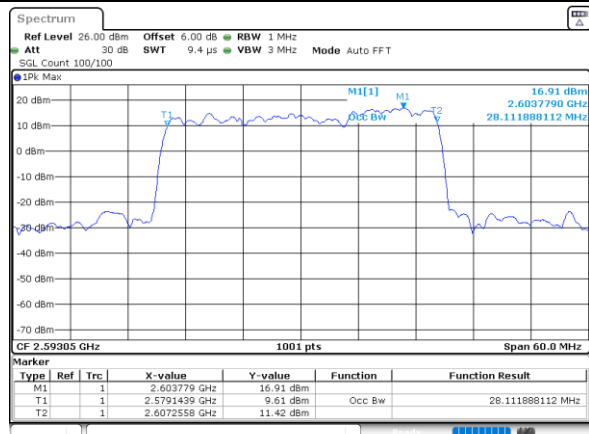
Date: 20_MAR_2024 01:04:24

Middle Channel / 20MHz+10MHz / QPSK



Date: 20_MAR_2024 00:46:33

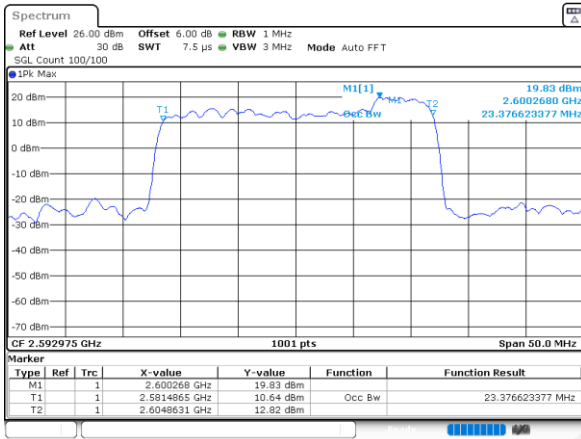
Middle Channel / 20MHz+10MHz / 16QAM



Date: 20_MAR_2024 00:48:02

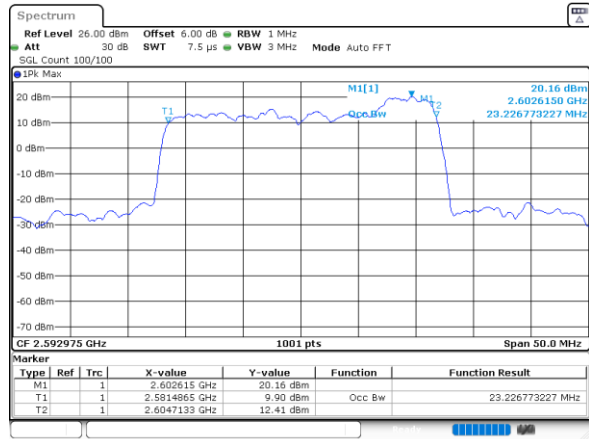


Middle Channel / 20MHz+5MHz / QPSK



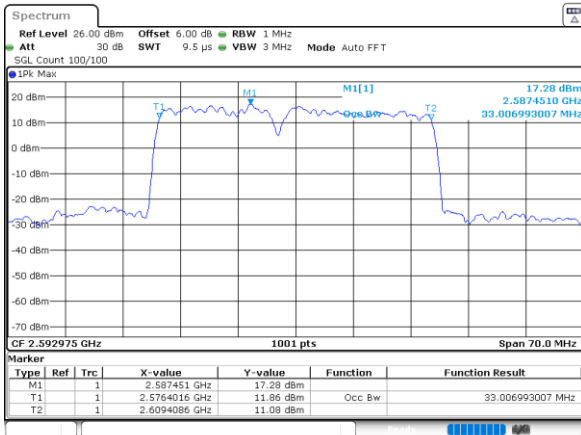
Date: 20.MAR.2024 00:43:43

Middle Channel / 20MHz+5MHz / 16QAM



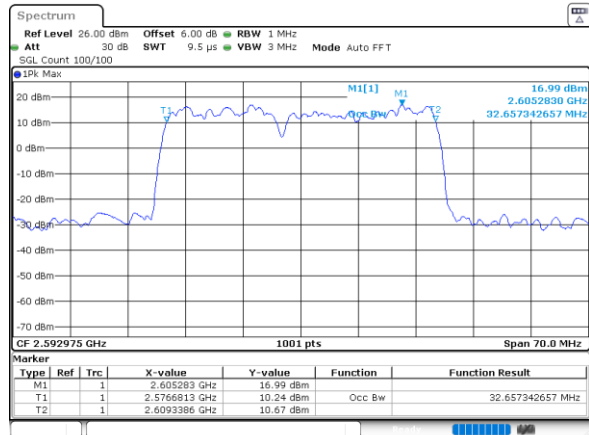
Date: 20.MAR.2024 00:44:40

Middle Channel / 15MHz+20MHz / QPSK



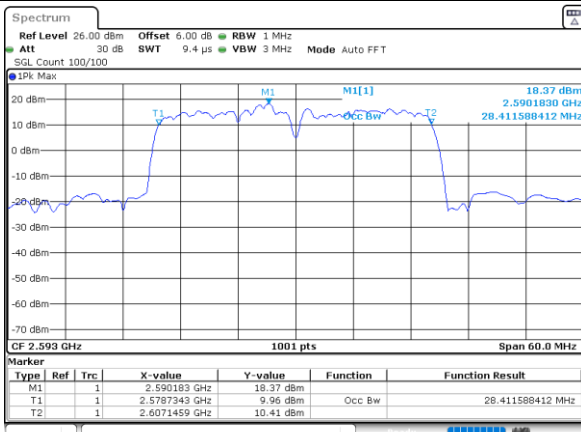
Date: 19.MAR.2024 23:41:19

Middle Channel / 15MHz+20MHz / 16QAM



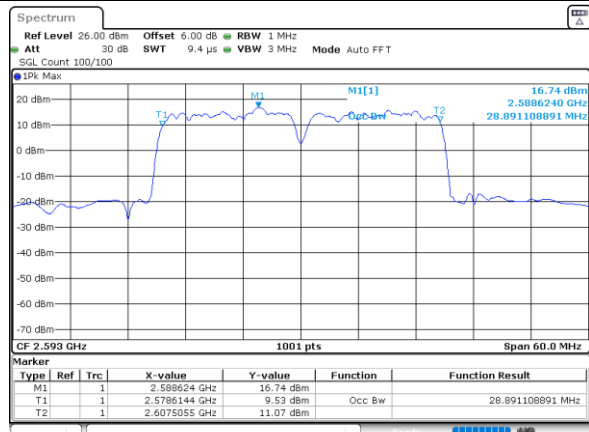
Date: 19.MAR.2024 23:42:39

Middle Channel / 15MHz+15MHz / QPSK



Date: 19.MAR.2024 22:54:56

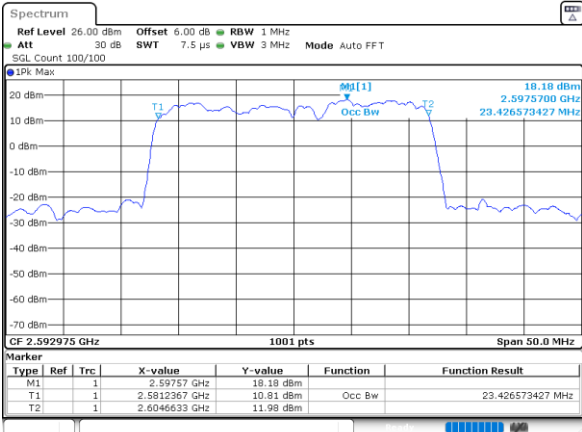
Middle Channel / 15MHz+15MHz / 16QAM



Date: 19.MAR.2024 22:56:49

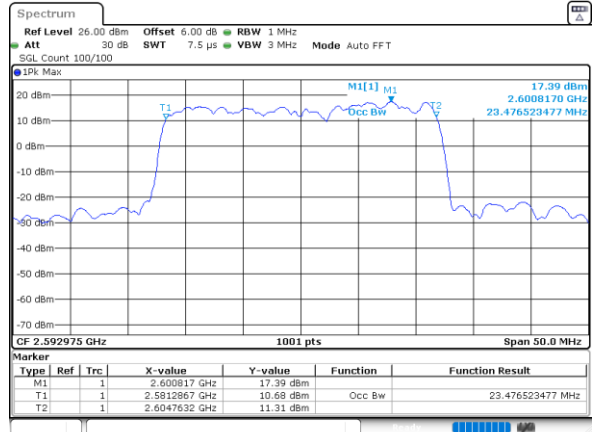


Middle Channel / 15MHz+10MHz / QPSK



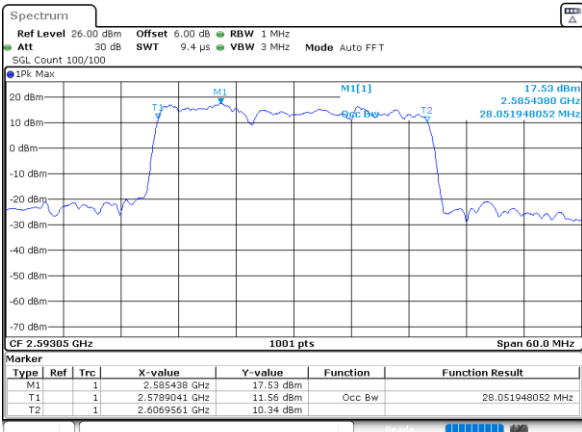
Date: 19_MAR_2024 22:49:05

Middle Channel / 15MHz+10MHz / 16QAM



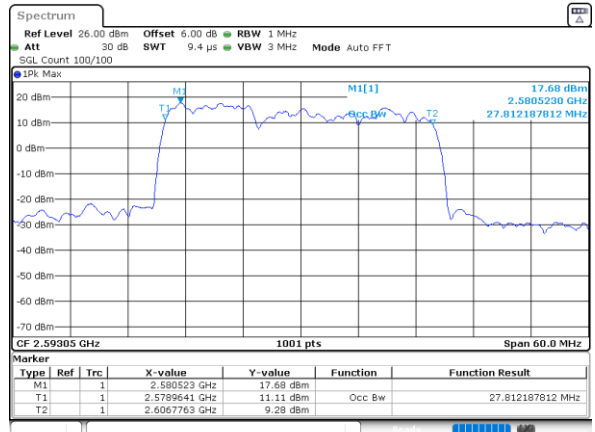
Date: 19_MAR_2024 22:50:20

Middle Channel / 10MHz+20MHz / QPSK



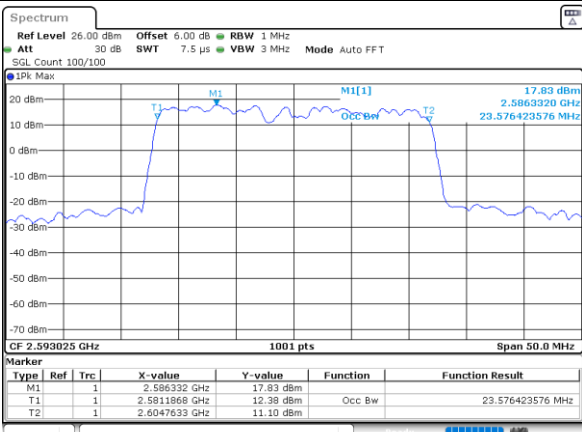
Date: 19_MAR_2024 22:35:18

Middle Channel / 10MHz+20MHz / 16QAM



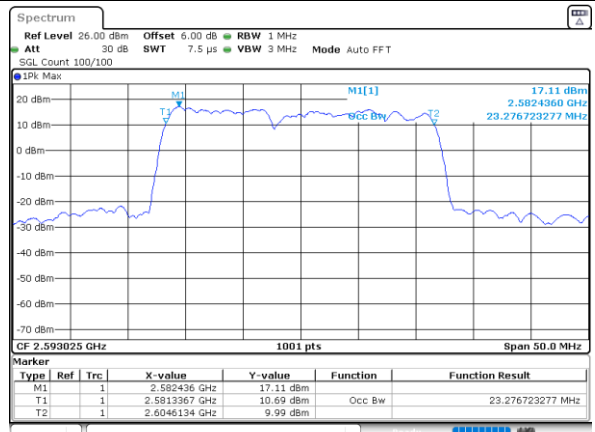
Date: 19_MAR_2024 22:36:23

Middle Channel / 10MHz+15MHz / QPSK

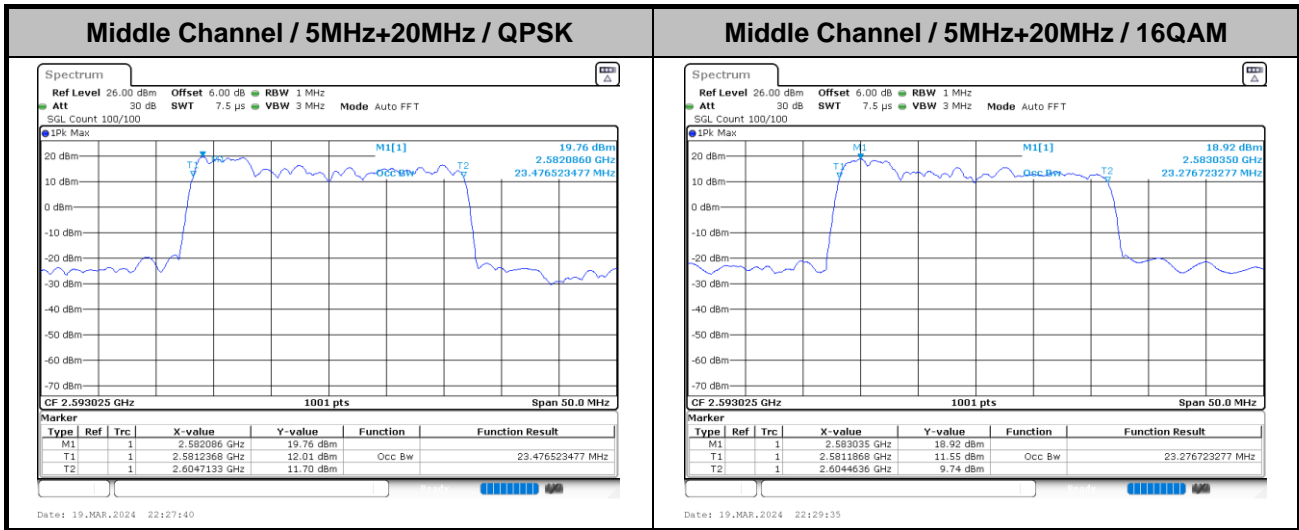


Date: 19_MAR_2024 22:32:22

Middle Channel / 10MHz+15MHz / 16QAM



Date: 19_MAR_2024 22:33:26



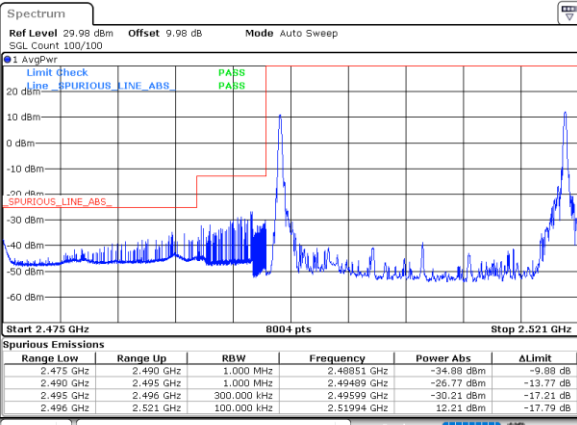


Conducted Band Edge

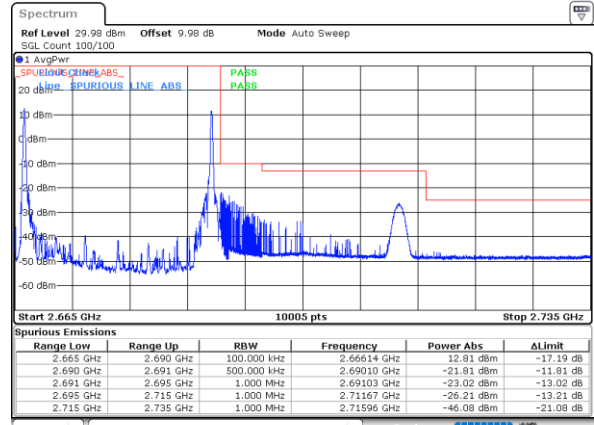
LTE Band 41C / 5MHz+20MHz

QPSK

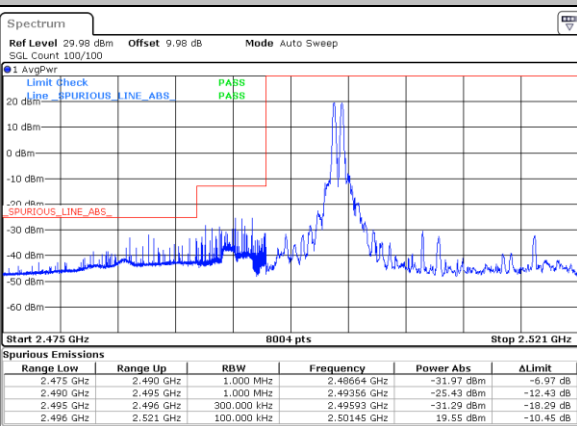
Lowest Band Edge / 1RB0 and 1RB99



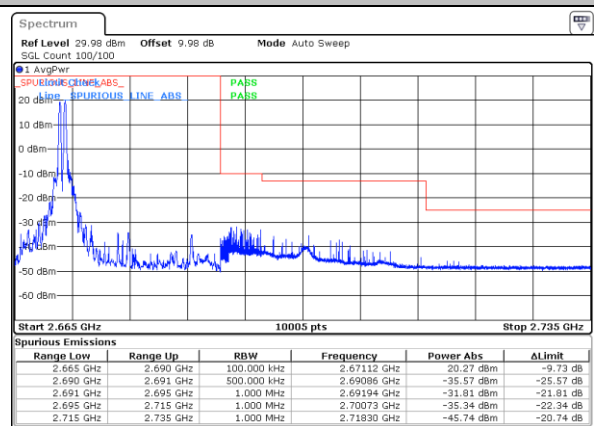
Highest Band Edge / 1RB0 and 1RB99



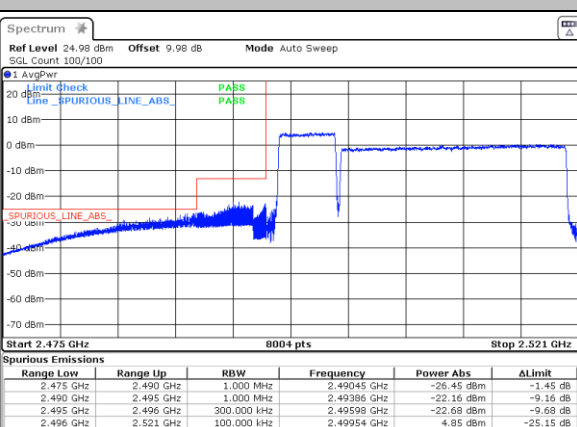
Lowest Band Edge / 1RB24 and 1RB0



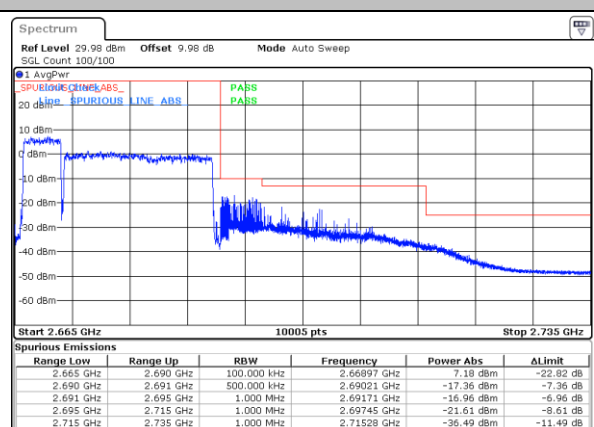
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



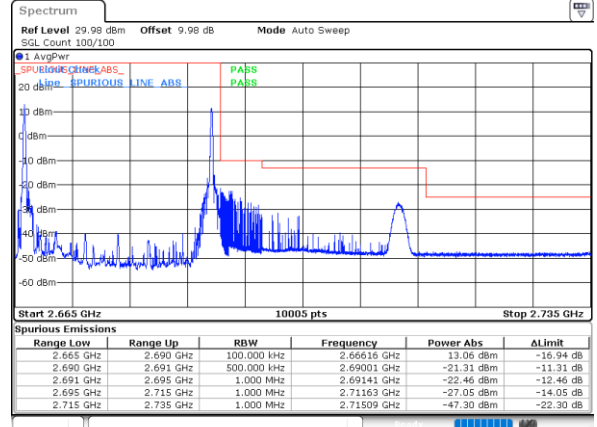
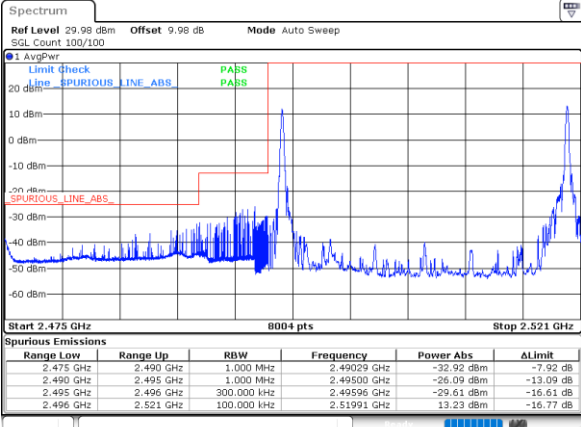


LTE Band 41C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

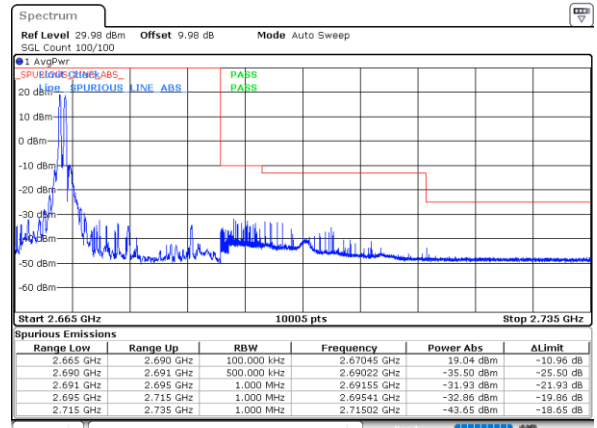
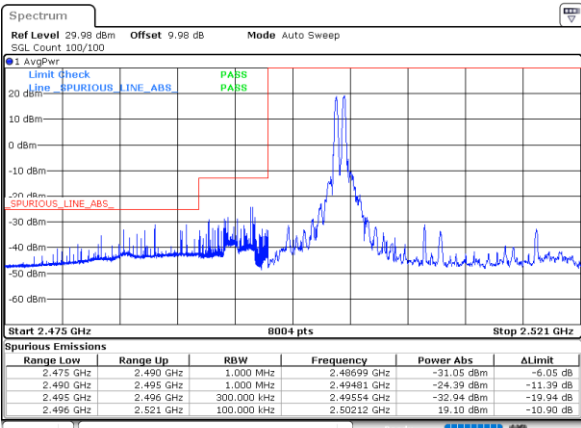


Date: 8.MAR.2024 10:45:12

Date: 8.MAR.2024 12:25:36

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

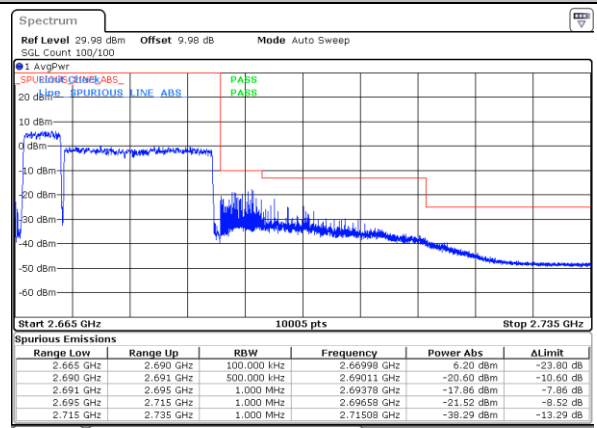
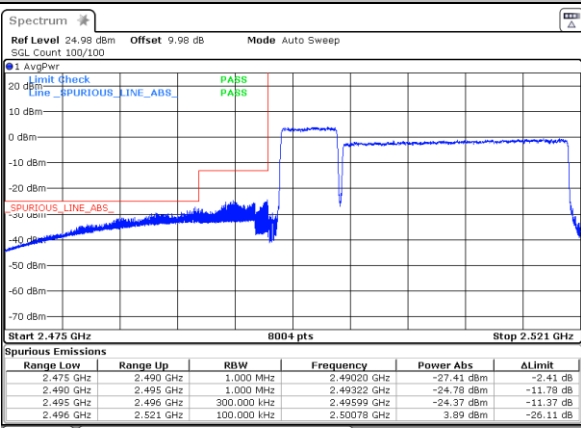


Date: 8.MAR.2024 10:41:38

Date: 8.MAR.2024 12:22:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.MAR.2024 06:56:26

Date: 8.MAR.2024 12:33:19

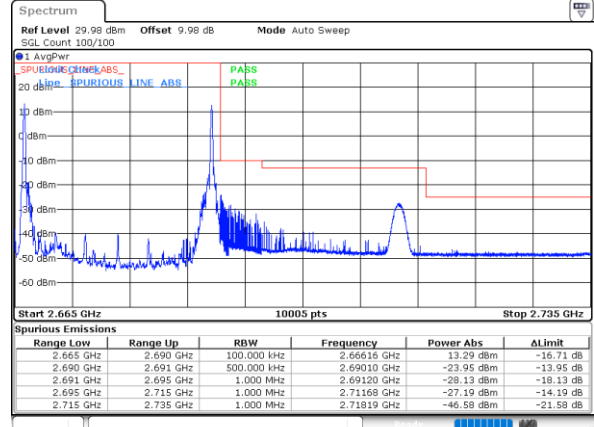
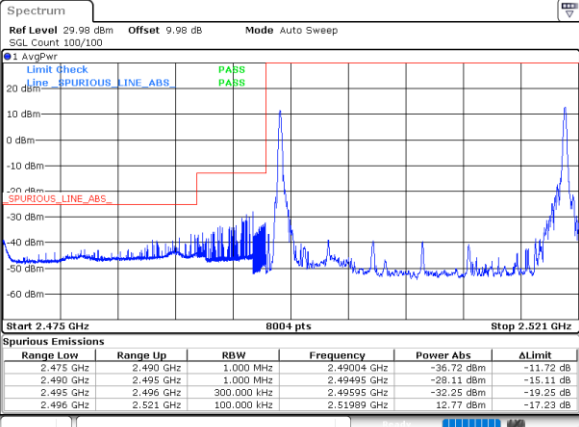


LTE Band 41C / 5MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

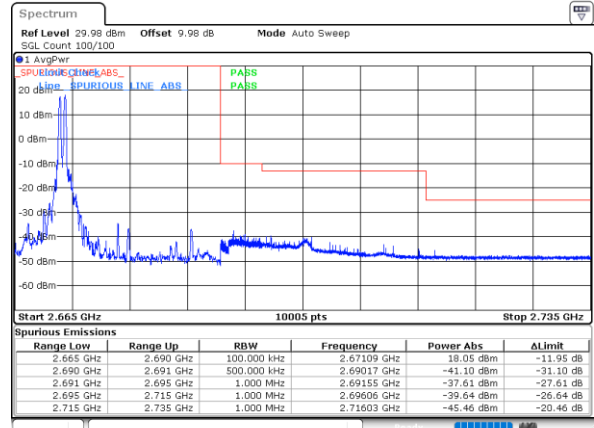
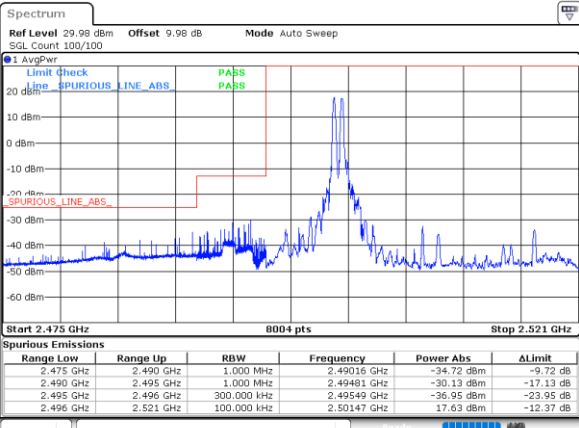


Date: 8_MAR_2024 10:46:04

Date: 8_MAR_2024 12:26:28

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

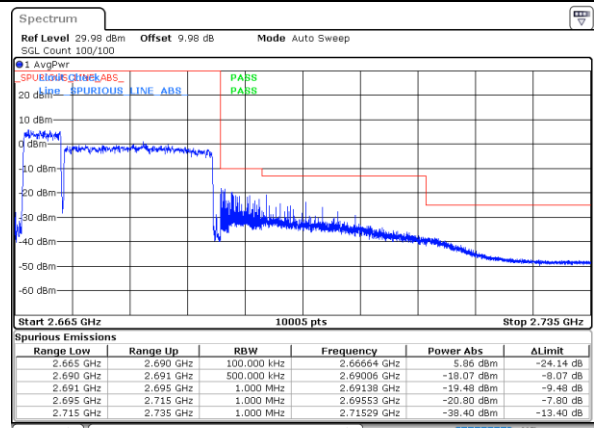
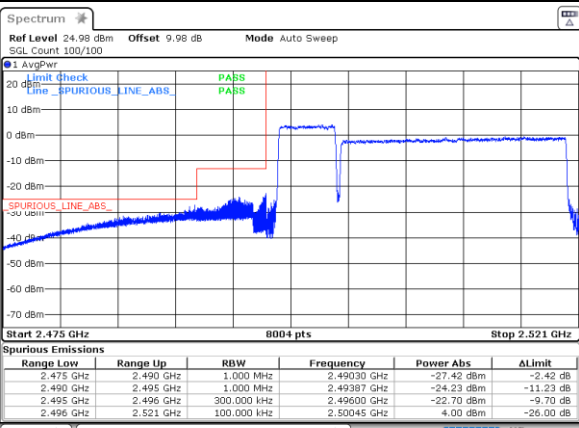


Date: 8_MAR_2024 10:42:36

Date: 8_MAR_2024 12:22:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10_MAR_2024 06:53:11

Date: 8_MAR_2024 12:34:12

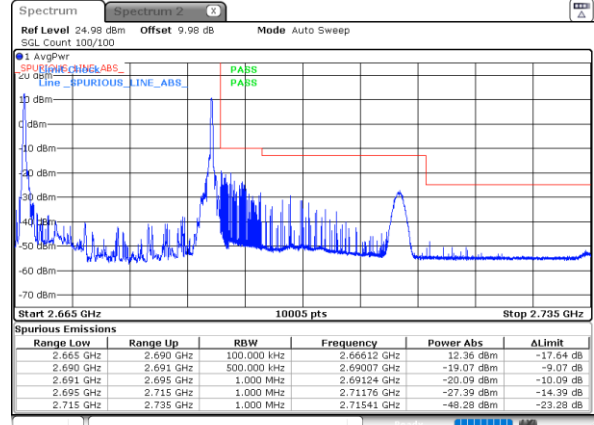
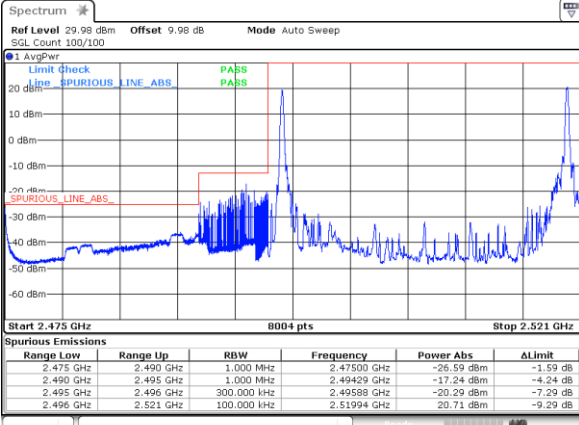


LTE Band 41C / 5MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

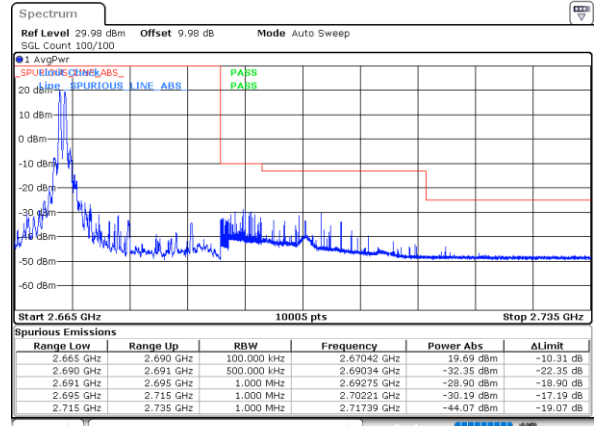
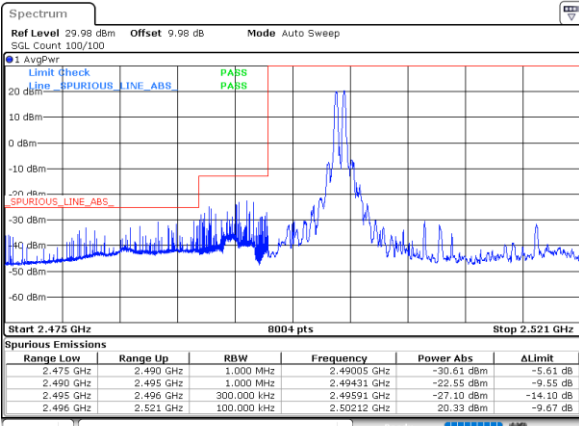


Date: 11.MAR.2024 13:44:22

Date: 19.MAR.2024 21:05:03

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

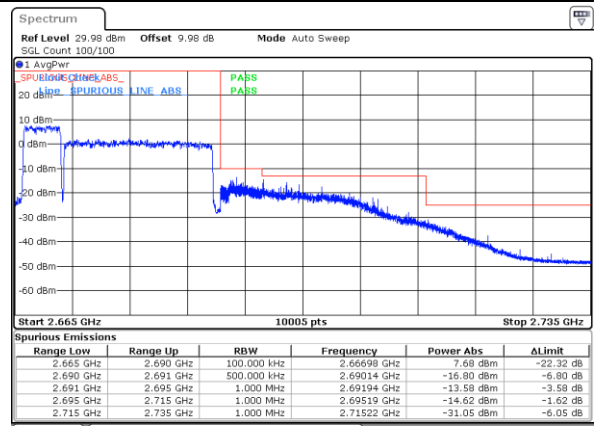
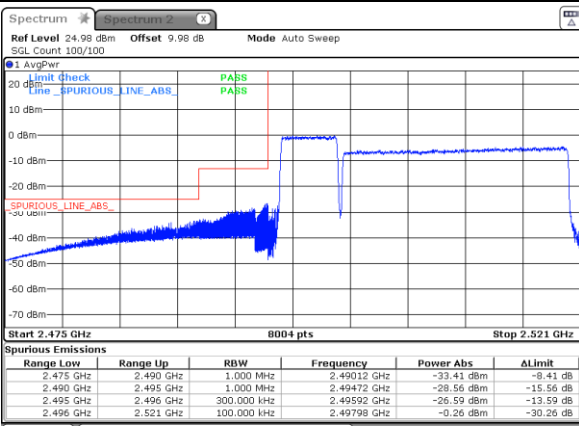


Date: 8.MAR.2024 10:43:28

Date: 8.MAR.2024 12:23:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.MAR.2024 21:03:34

Date: 8.MAR.2024 12:35:04

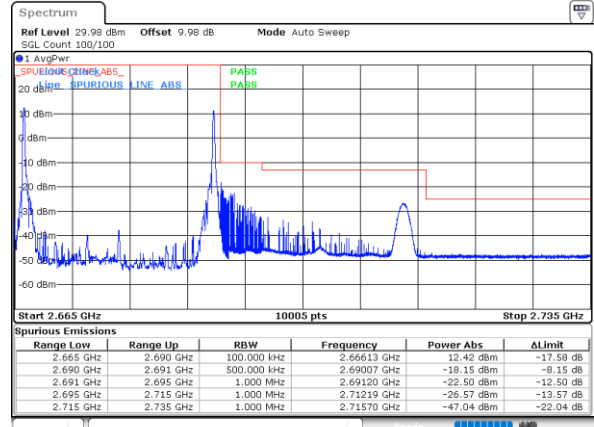
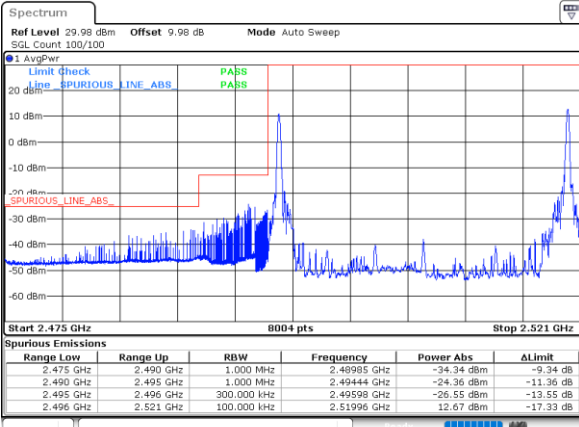


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

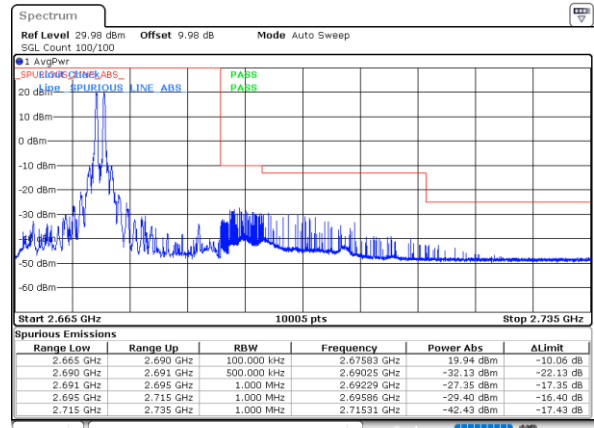
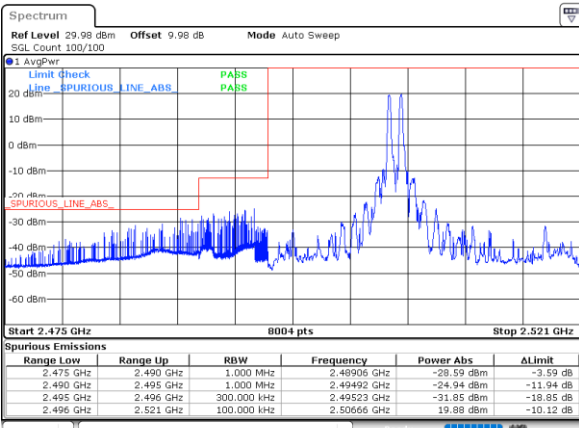


Date: 8.MAR.2024 12:53:07

Date: 8.MAR.2024 13:13:41

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

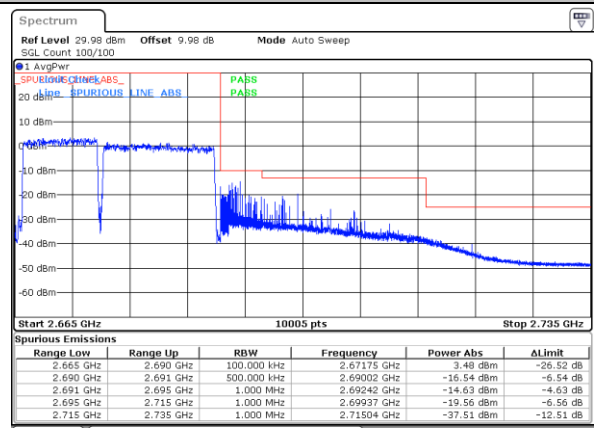
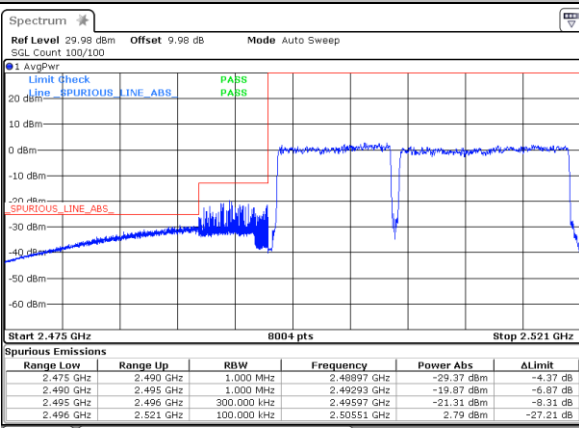


Date: 8.MAR.2024 12:49:39

Date: 8.MAR.2024 13:10:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2024 10:31:59

Date: 8.MAR.2024 13:17:11

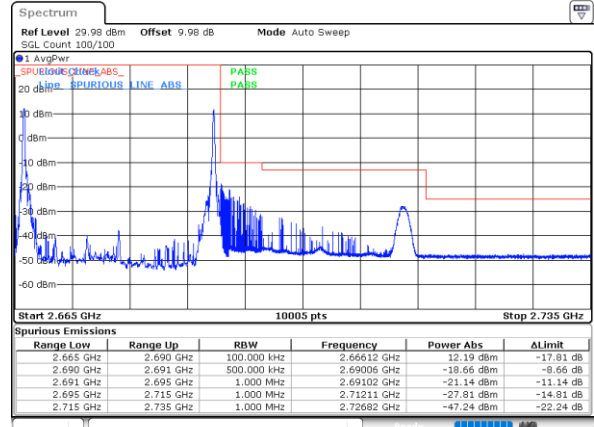
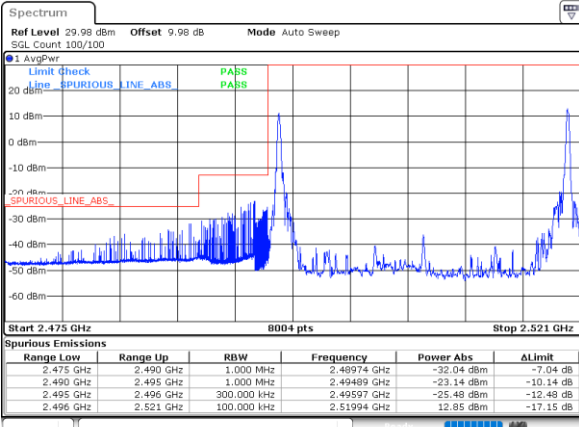


LTE Band 41C / 10MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

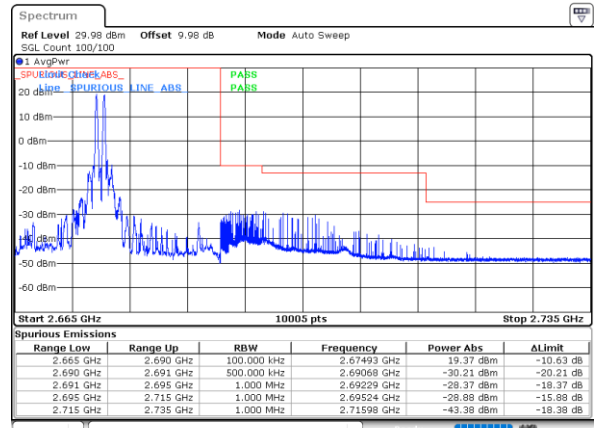
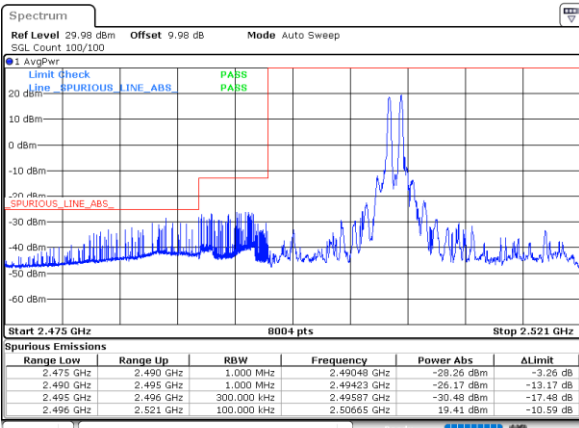


Date: 8.MAR.2024 12:53:58

Date: 8.MAR.2024 13:14:33

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

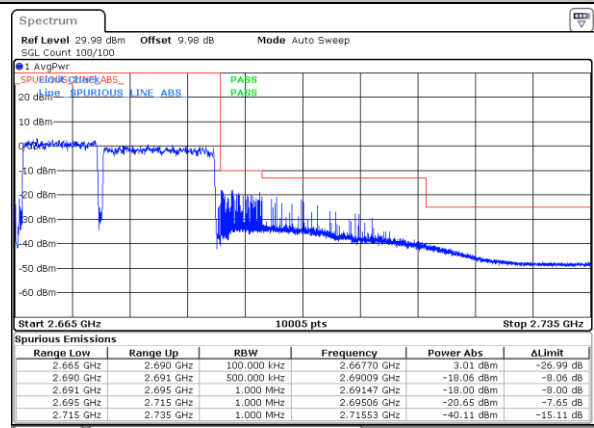
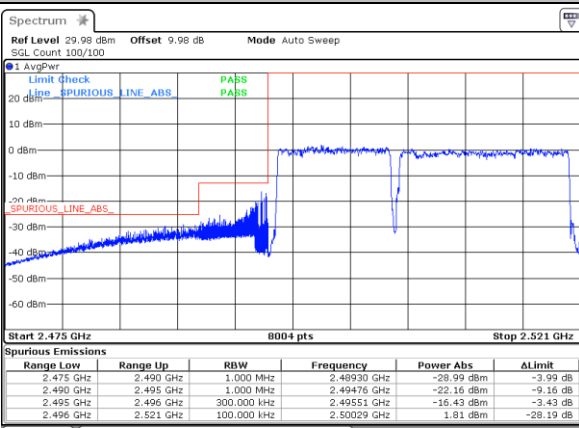


Date: 8.MAR.2024 12:50:33

Date: 8.MAR.2024 13:11:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2024 10:19:41

Date: 8.MAR.2024 13:18:04