

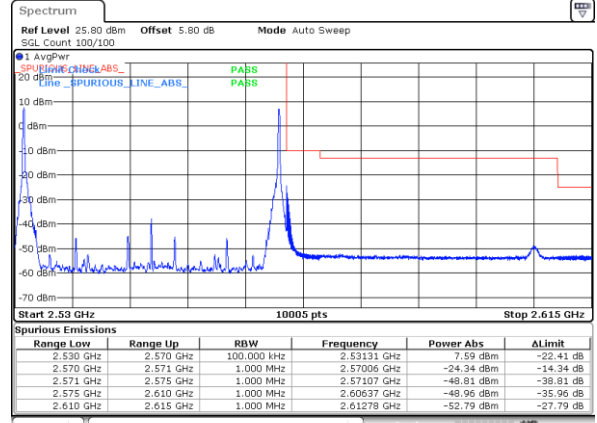
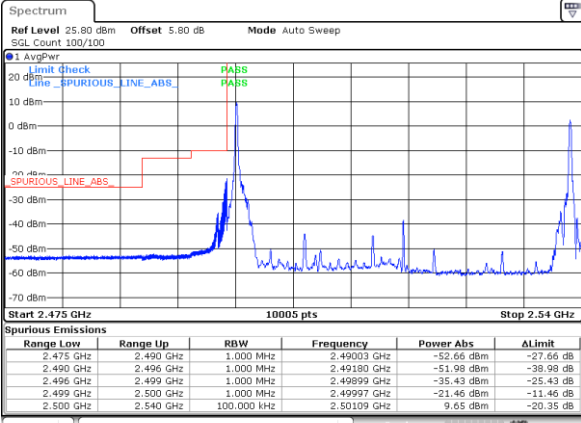


LTE Band 7 / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

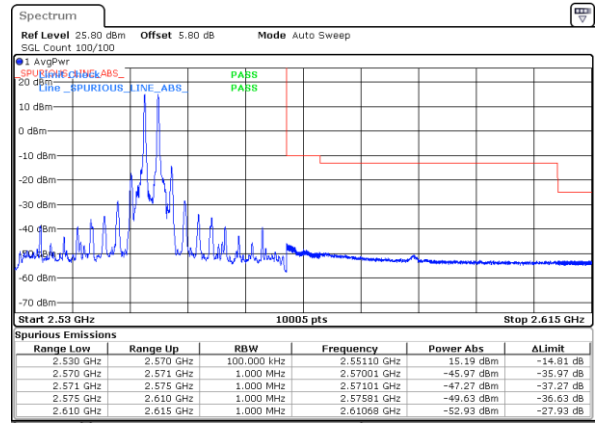
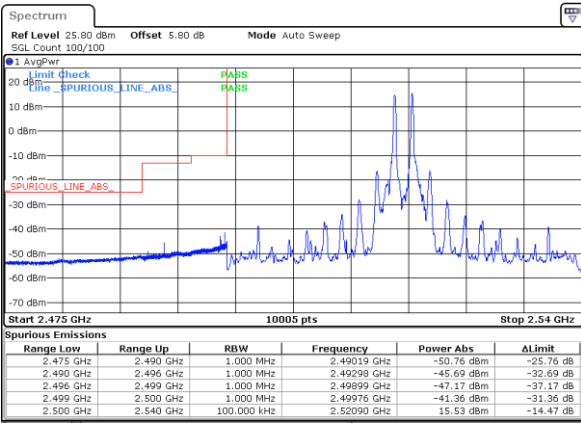


Date: 27 JUN 2023 01:20:12

Date: 27 JUN 2023 01:33:46

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

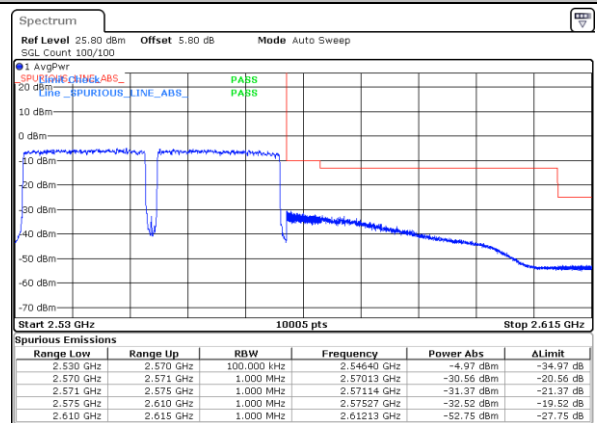
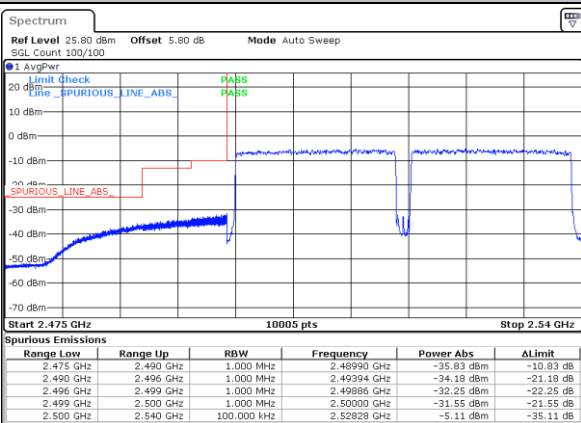


Date: 27 JUN 2023 01:23:43

Date: 27 JUN 2023 01:37:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

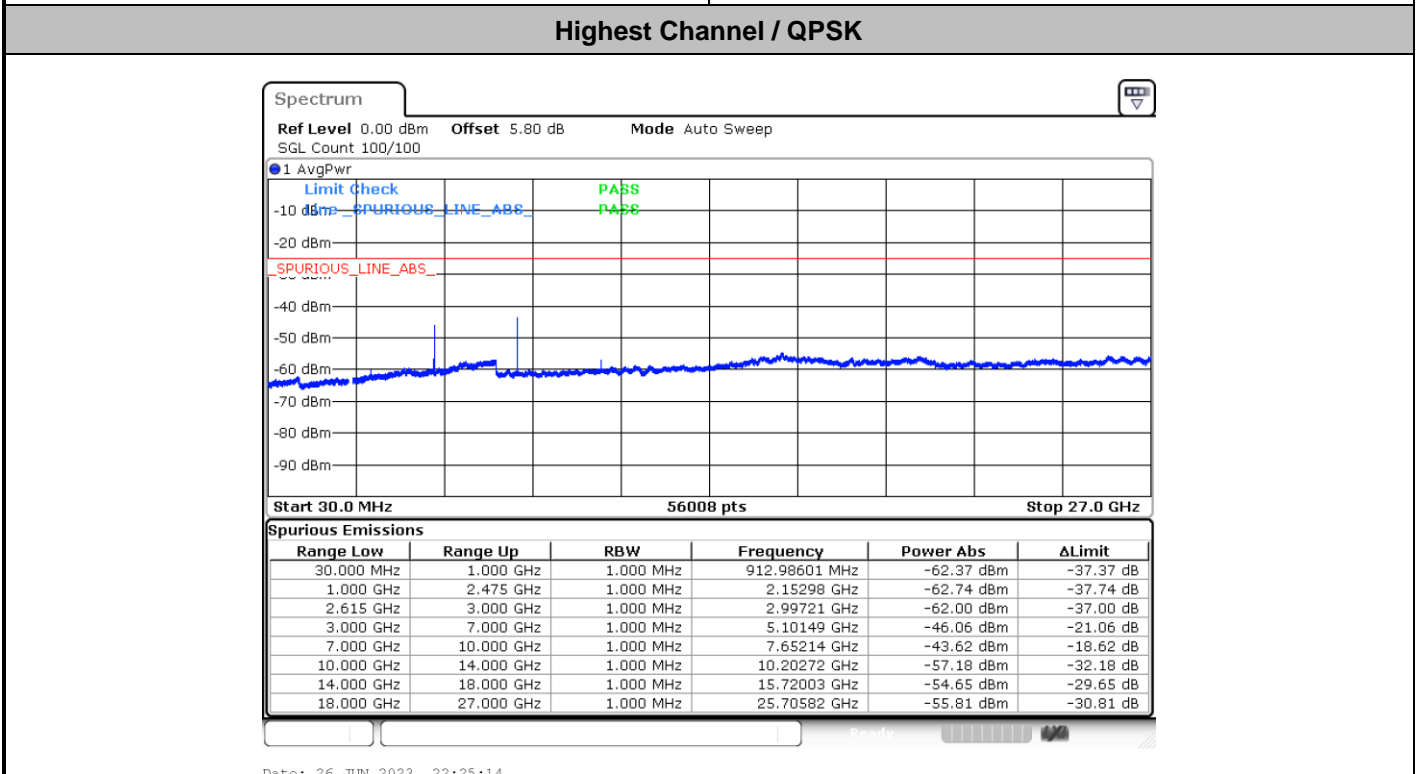
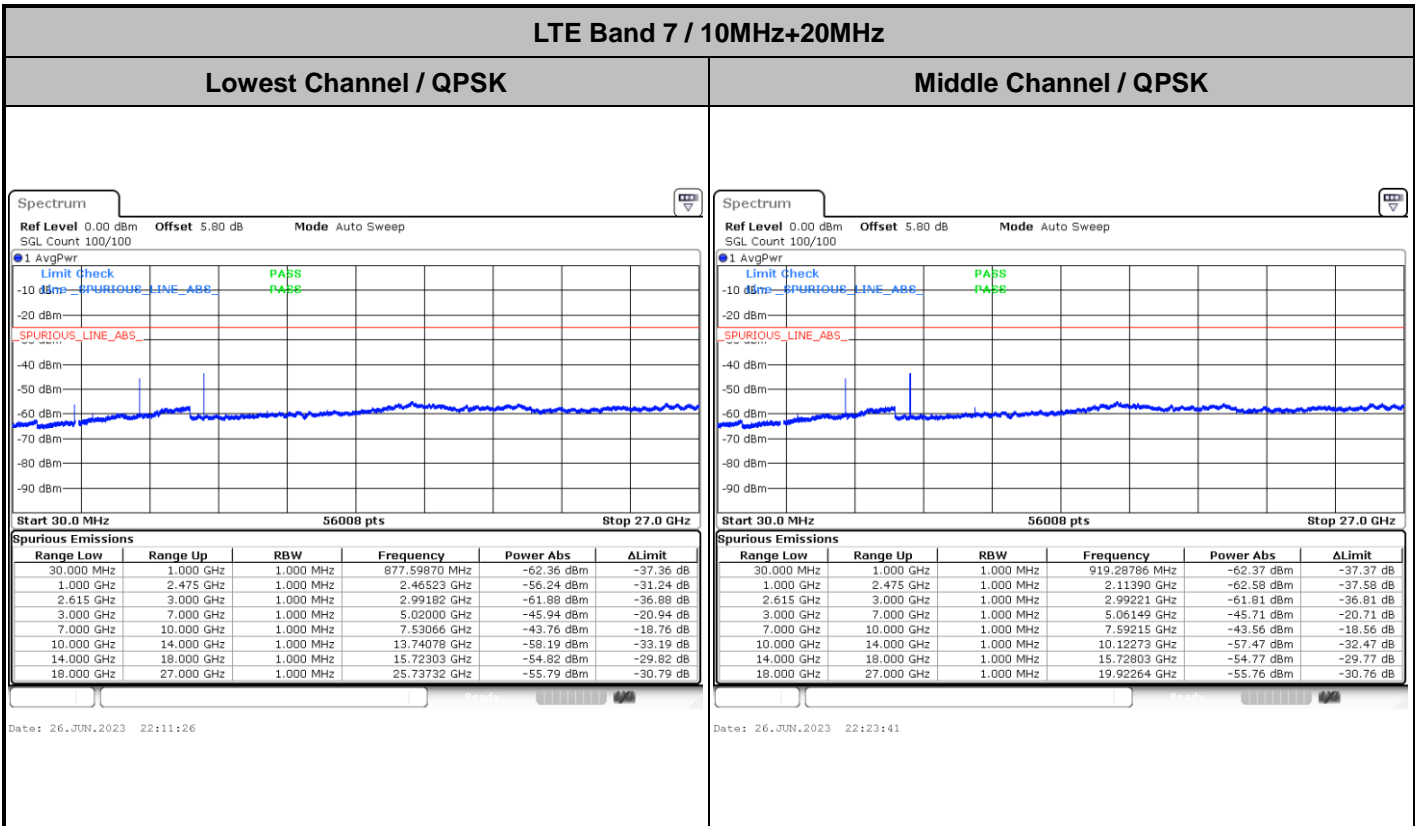


Date: 27 JUN 2023 01:27:15

Date: 27 JUN 2023 01:40:45



Conducted Spurious Emission

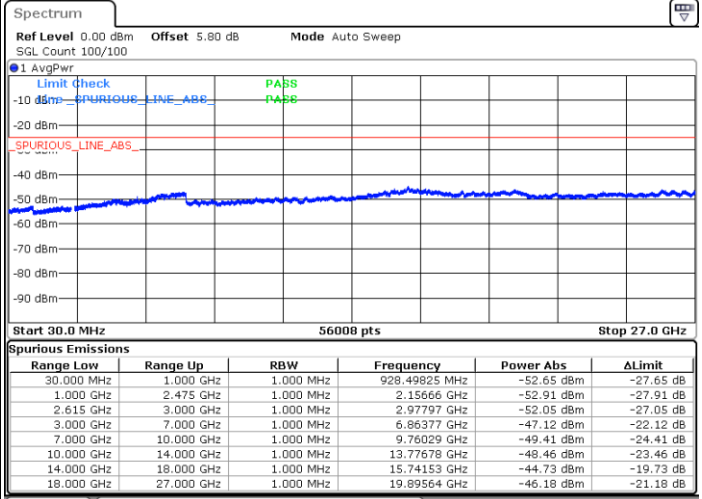
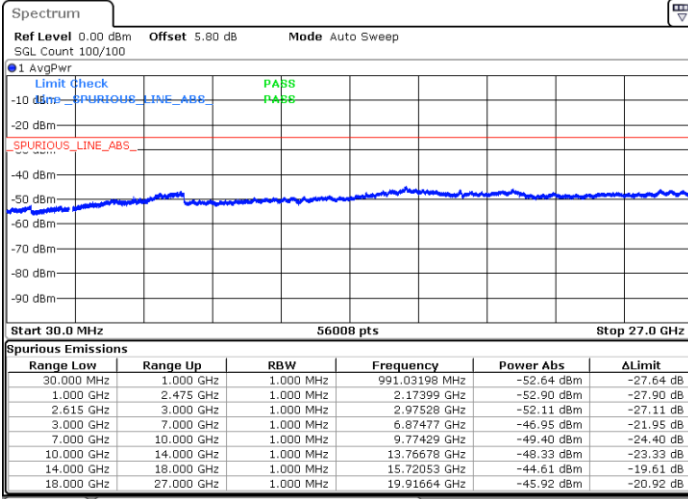




LTE Band 7 / 15MHz+10MHz

Lowest Channel / QPSK

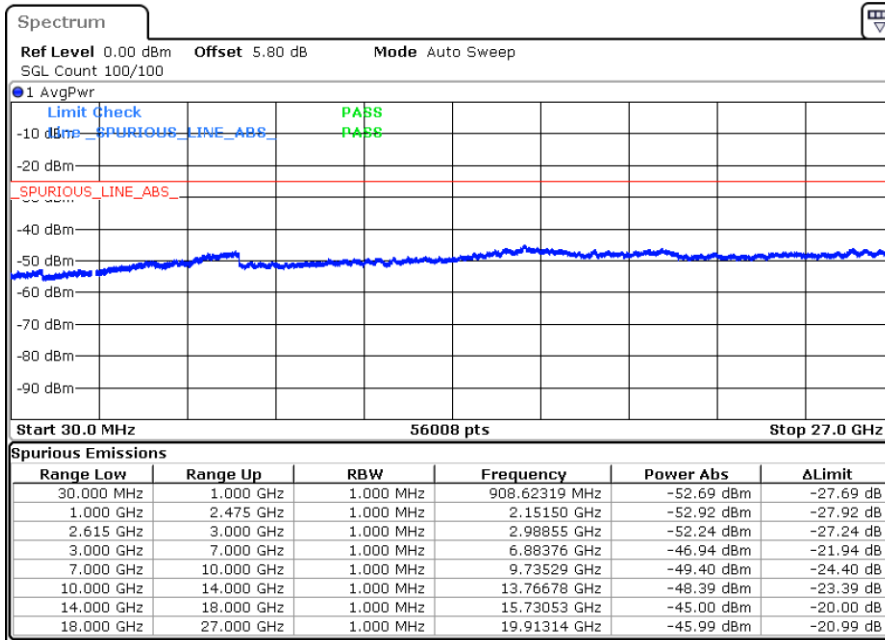
Middle Channel / QPSK



Date: 26 JUN.2023 22:51:04

Date: 26 JUN.2023 23:03:10

Highest Channel / QPSK



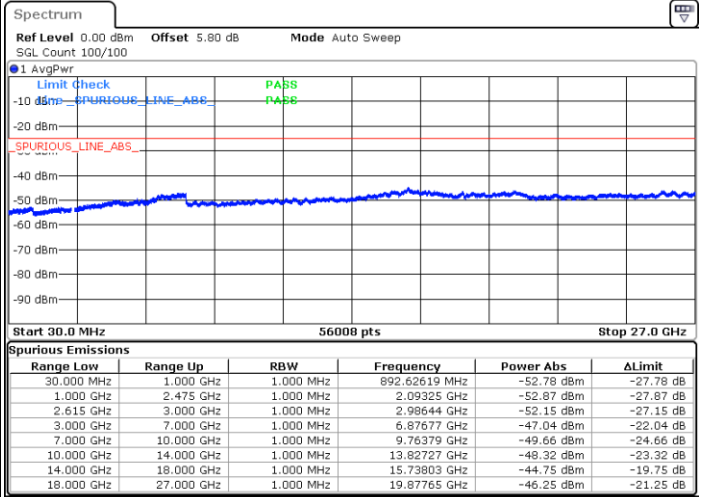
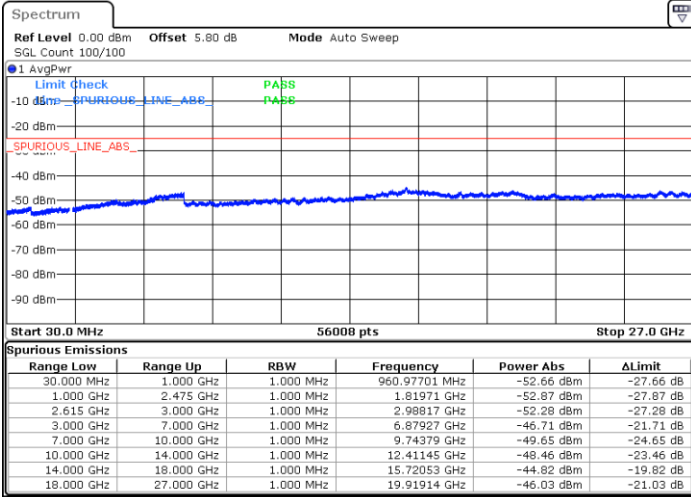
Date: 26 JUN.2023 23:04:43



LTE Band 7 / 15MHz+15MHz

Lowest Channel / QPSK

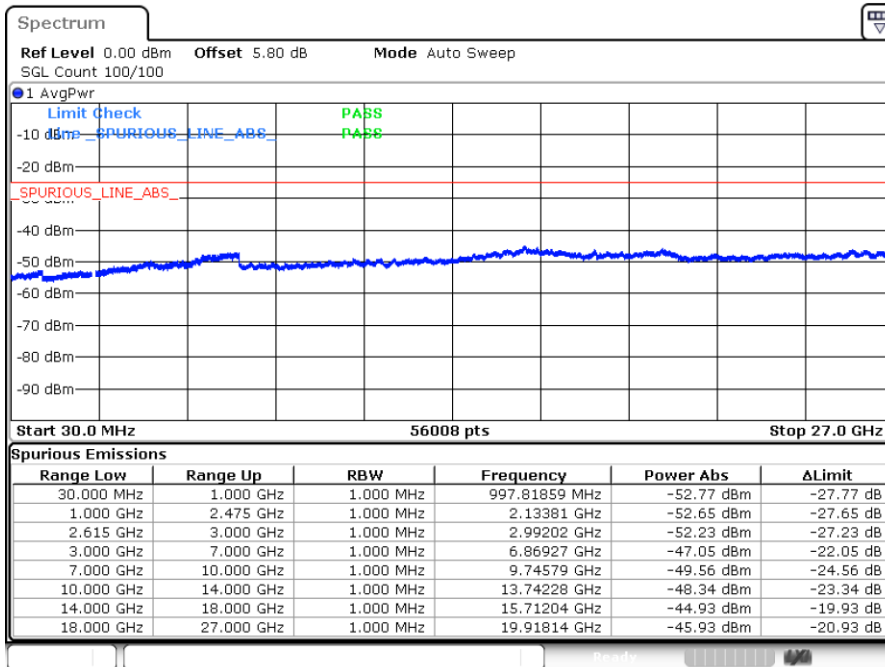
Middle Channel / QPSK



Date: 26 JUN.2023 23:16:54

Date: 26 JUN.2023 23:29:05

Highest Channel / QPSK



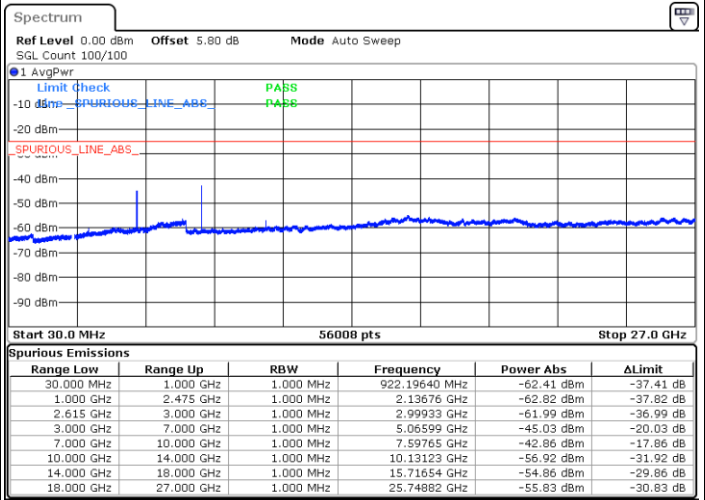
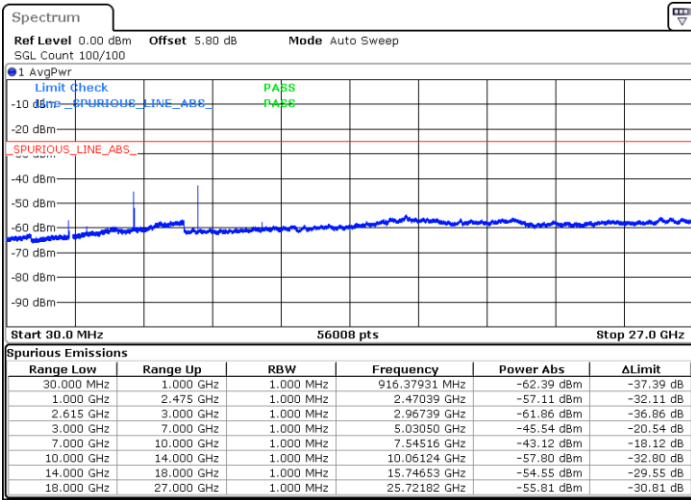
Date: 26 JUN.2023 23:30:38



LTE Band 7 / 15MHz+20MHz

Lowest Channel / QPSK

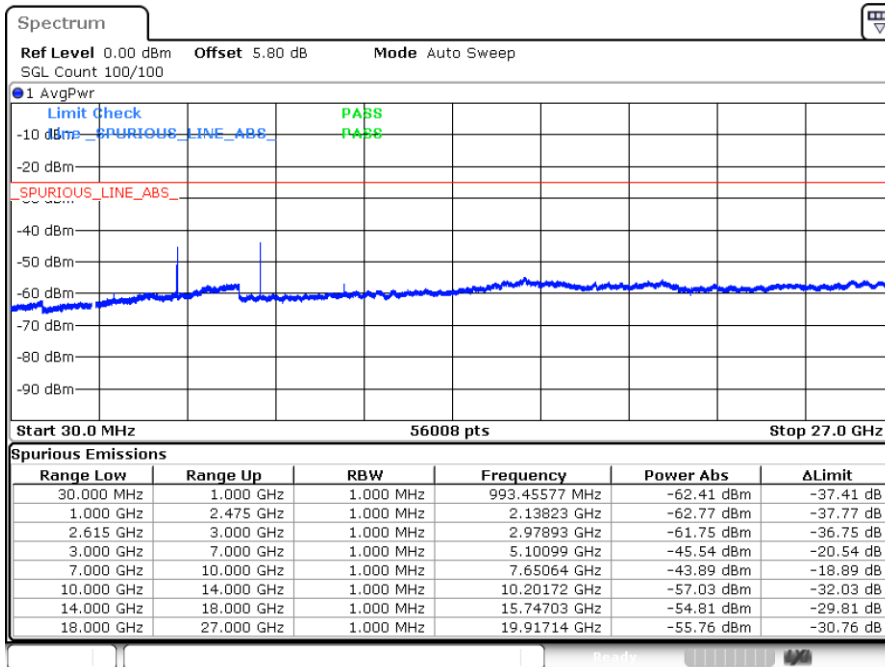
Middle Channel / QPSK



Date: 26 JUN.2023 23:45:37

Date: 26 JUN.2023 23:57:43

Highest Channel / QPSK



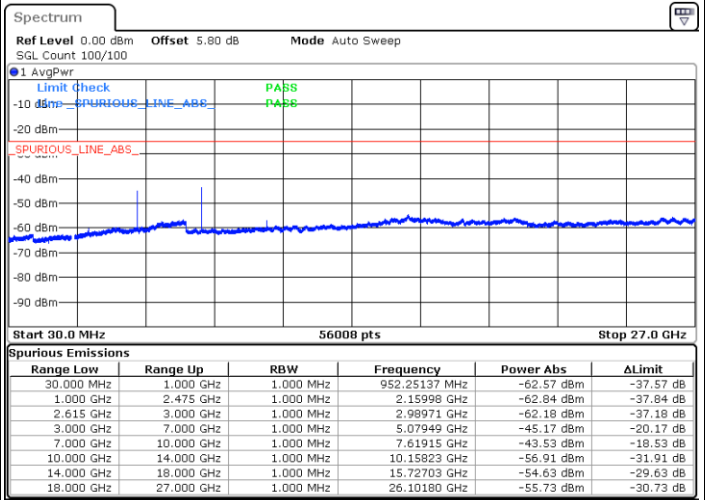
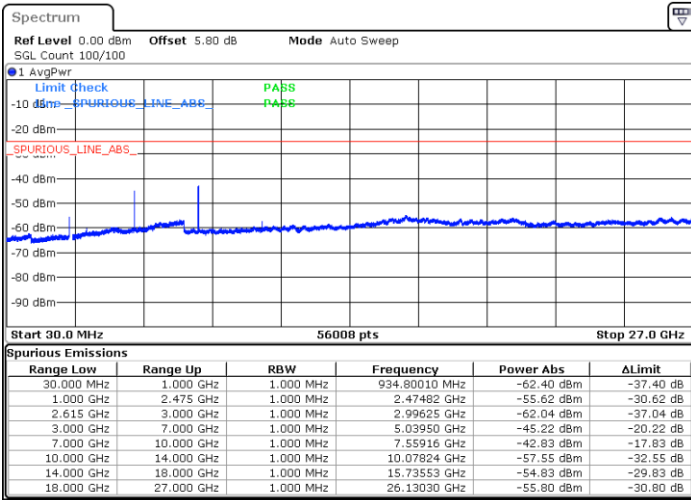
Date: 26 JUN.2023 23:59:16



LTE Band 7 / 20MHz+10MHz

Lowest Channel / QPSK

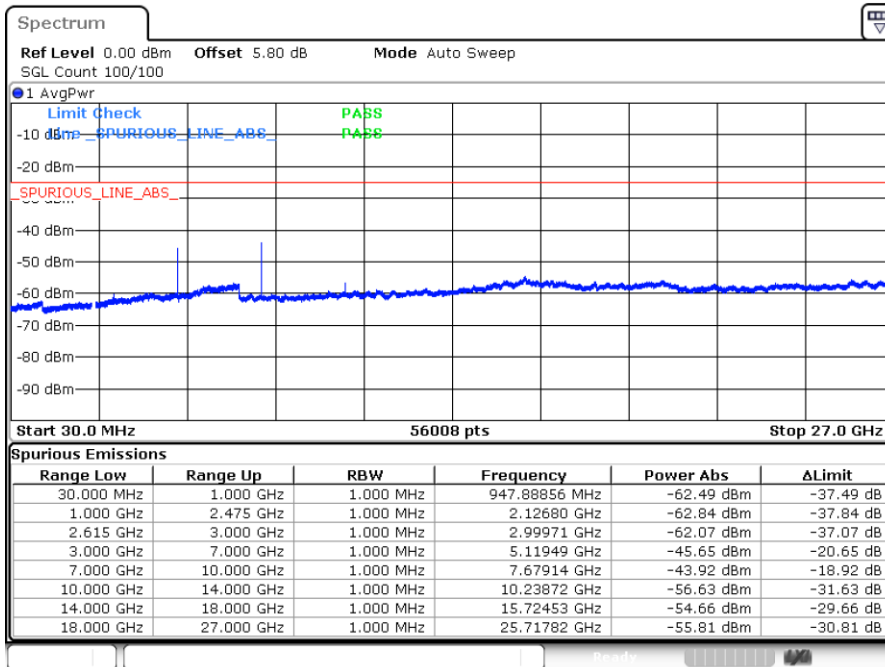
Middle Channel / QPSK



Date: 27 JUN.2023 00:25:22

Date: 27 JUN.2023 00:37:28

Highest Channel / QPSK



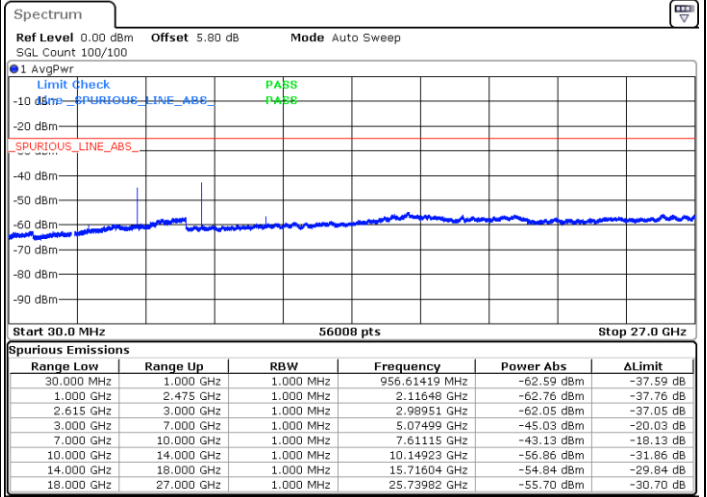
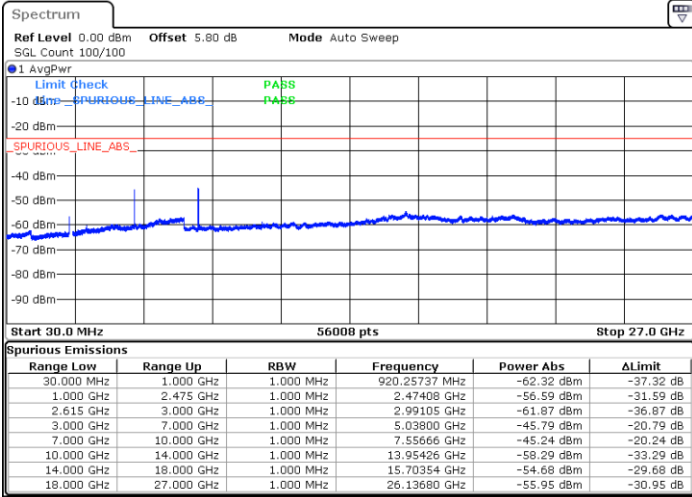
Date: 27 JUN.2023 00:39:01



LTE Band 7 / 20MHz+15MHz

Lowest Channel / QPSK

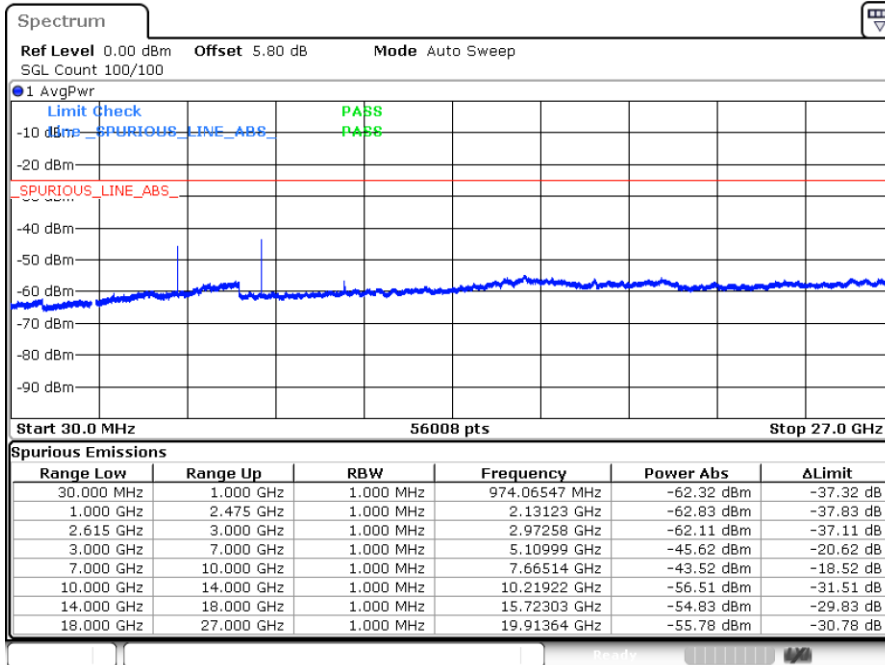
Middle Channel / QPSK



Date: 27 JUN 2023 00:51:03

Date: 27 JUN 2023 01:03:07

Highest Channel / QPSK



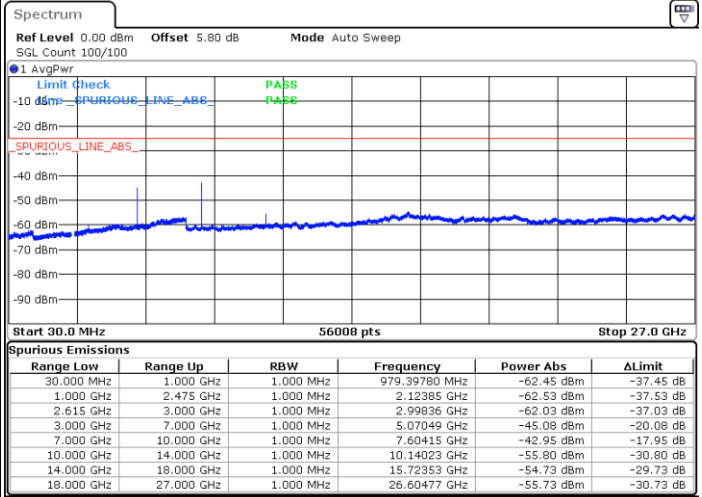
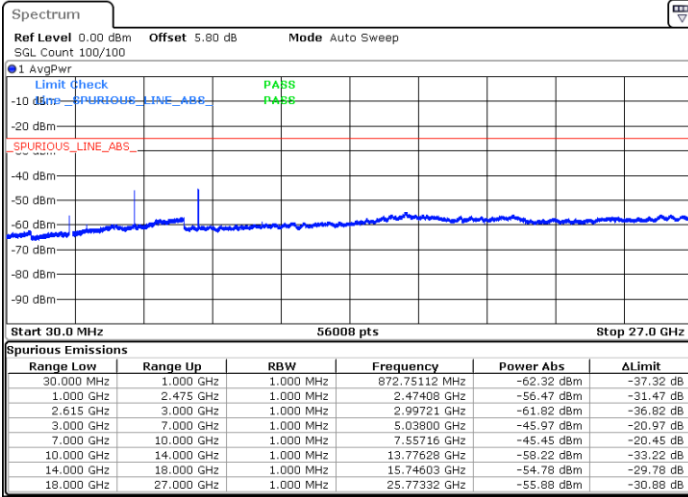
Date: 27 JUN 2023 01:04:37



LTE Band 7 /20MHz+20MHz

Lowest Channel / QPSK

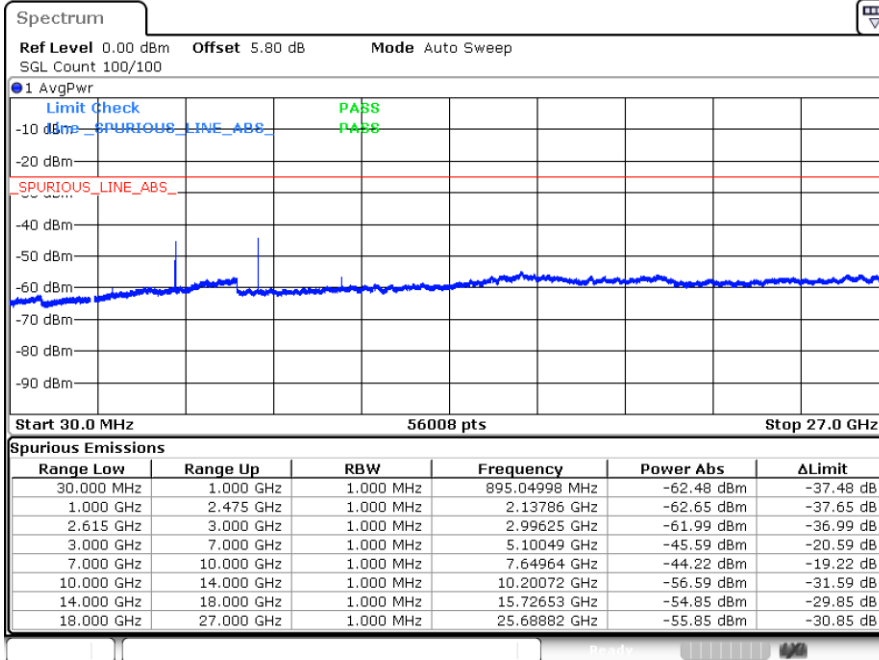
Middle Channel / QPSK



Date: 27.JUN.2023 01:16:41

Date: 27.JUN.2023 01:28:46

Highest Channel / QPSK



Date: 27.JUN.2023 01:30:16



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
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 =3.91 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_41C

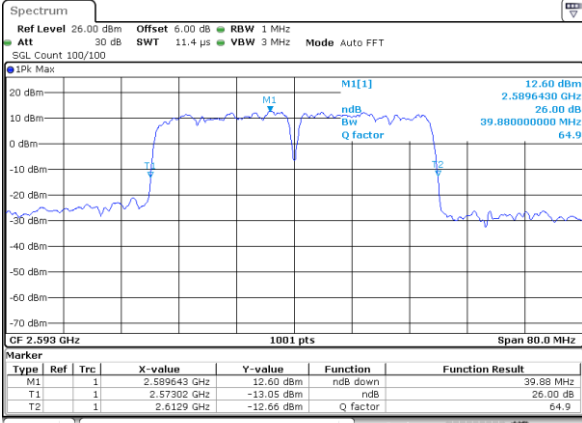
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	39.55
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	34.97
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.85
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.98	24.88
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.11	34.97
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.63	30.51
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.23	25.23
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	29.97
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.23
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.83	24.78



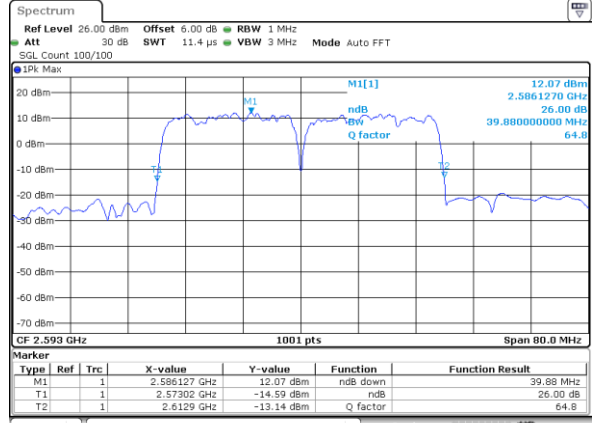
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



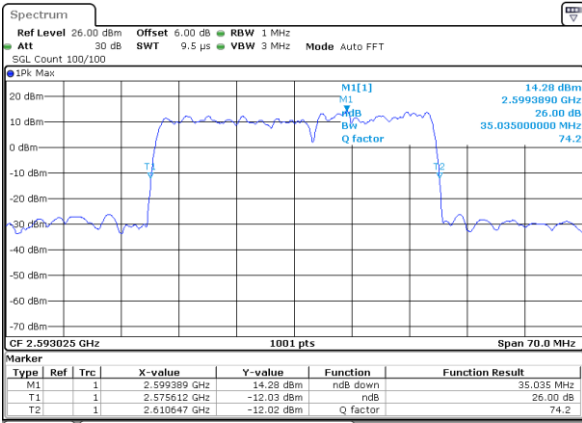
Date: 26 JUN 2023 11:35:06

Middle Channel / 20MHz+20MHz / 16QAM



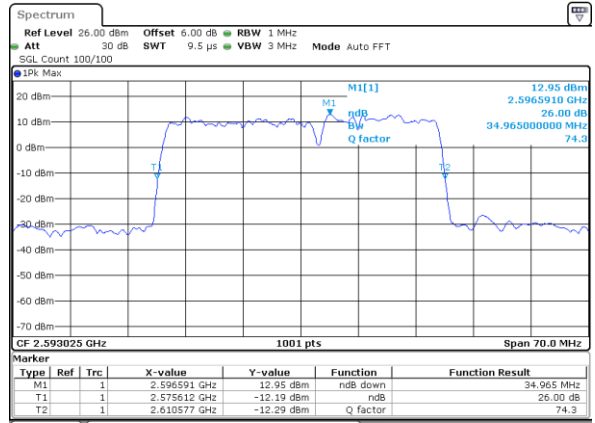
Date: 26 JUN 2023 11:36:04

Middle Channel / 20MHz+15MHz / QPSK



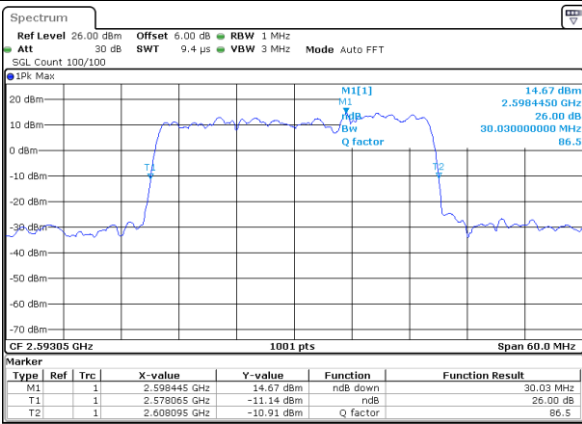
Date: 26 JUN 2023 11:37:53

Middle Channel / 20MHz+15MHz / 16QAM



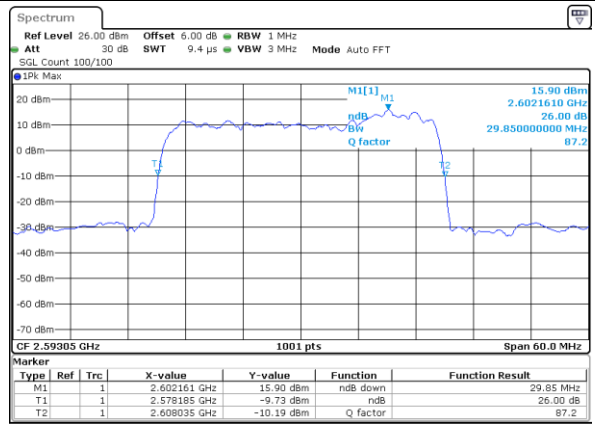
Date: 26 JUN 2023 11:39:01

Middle Channel / 20MHz+10MHz / QPSK



Date: 26 JUN 2023 11:41:29

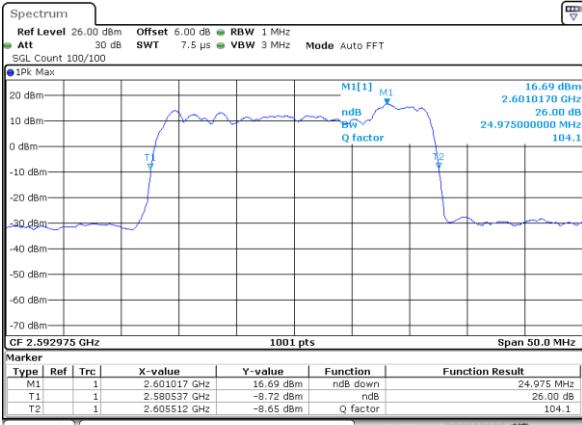
Middle Channel / 20MHz+10MHz / 16QAM



Date: 26 JUN 2023 11:43:03

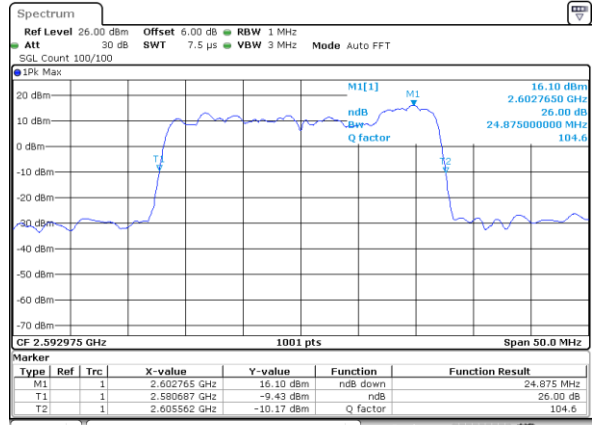


Middle Channel / 20MHz+5MHz / QPSK



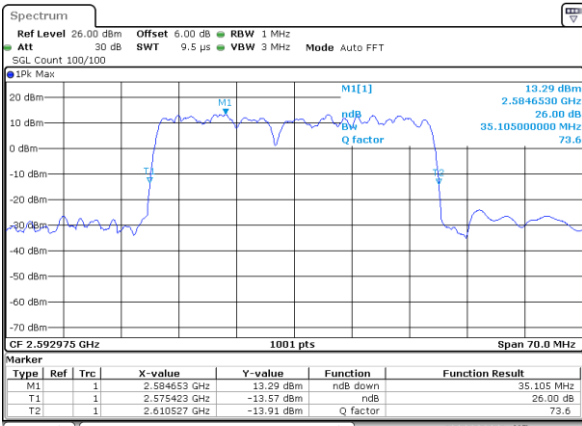
Date: 26 JUN 2023 11:44:39

Middle Channel / 20MHz+5MHz / 16QAM



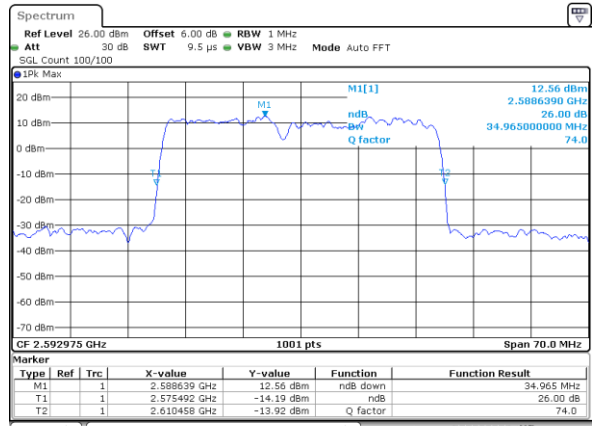
Date: 26 JUN 2023 12:51:59

Middle Channel / 15MHz+20MHz / QPSK



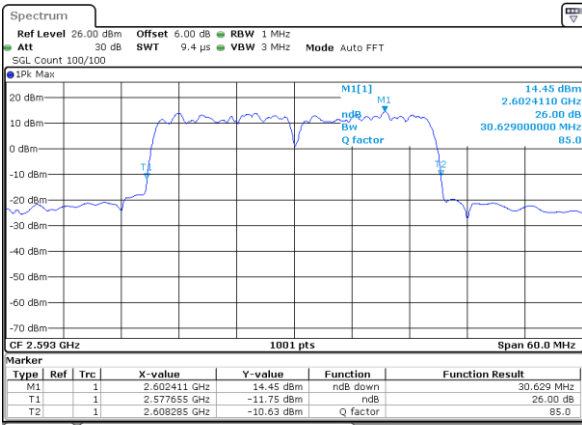
Date: 26 JUN 2023 13:00:52

Middle Channel / 15MHz+20MHz / 16QAM



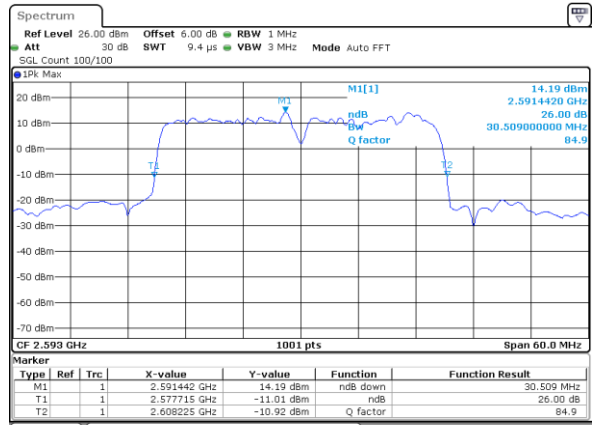
Date: 26 JUN 2023 13:02:19

Middle Channel / 15MHz+15MHz / QPSK



Date: 26 JUN 2023 13:05:19

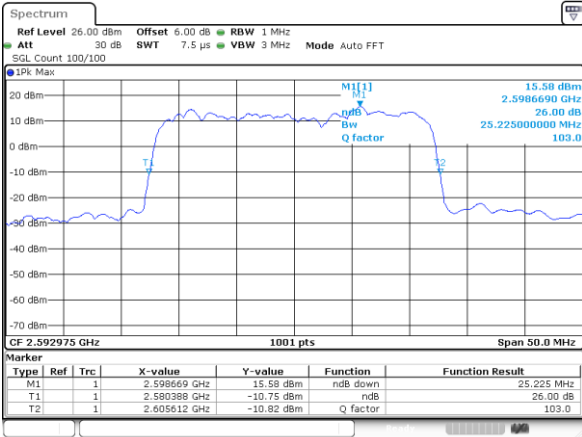
Middle Channel / 15MHz+15MHz / 16QAM



Date: 26 JUN 2023 13:06:22

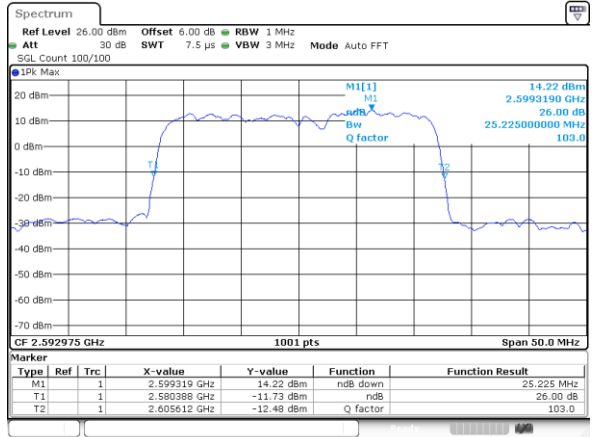


Middle Channel / 15MHz+10MHz / QPSK



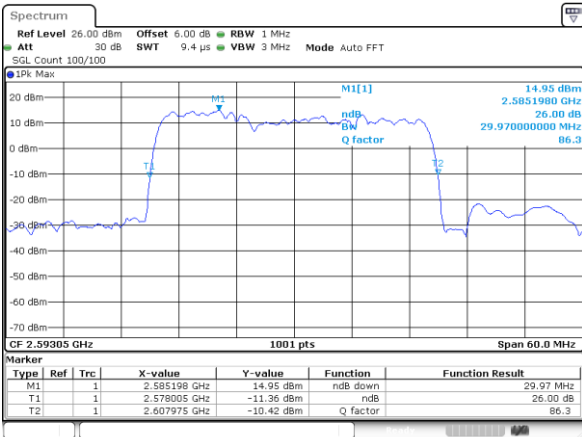
Date: 26 JUN 2023 13:08:04

Middle Channel / 15MHz+10MHz / 16QAM



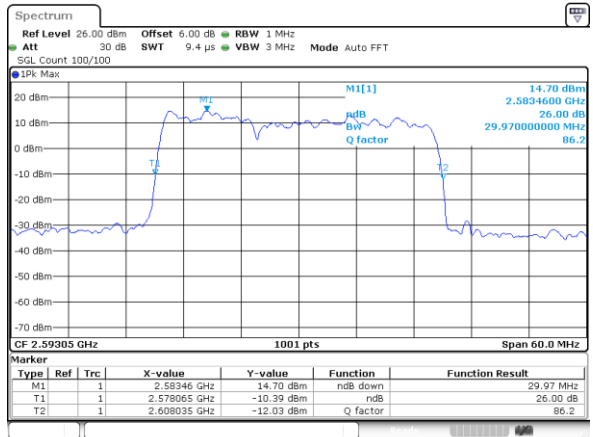
Date: 26 JUN 2023 13:09:19

Middle Channel / 10MHz+20MHz / QPSK



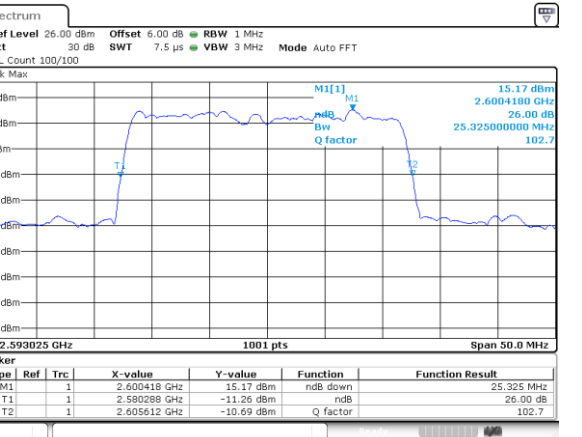
Date: 26 JUN 2023 12:57:48

Middle Channel / 10MHz+20MHz / 16QAM



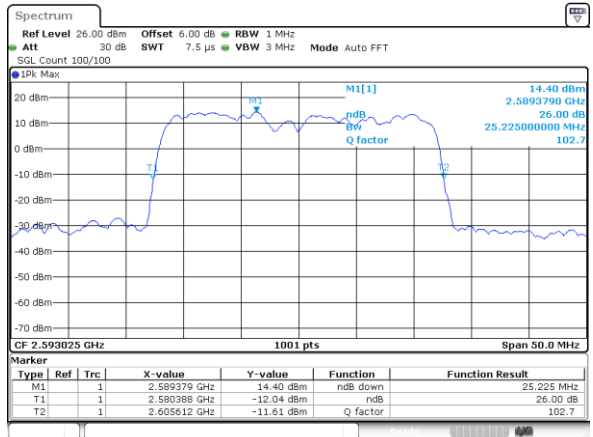
Date: 26 JUN 2023 12:59:19

Middle Channel / 10MHz+15MHz / QPSK

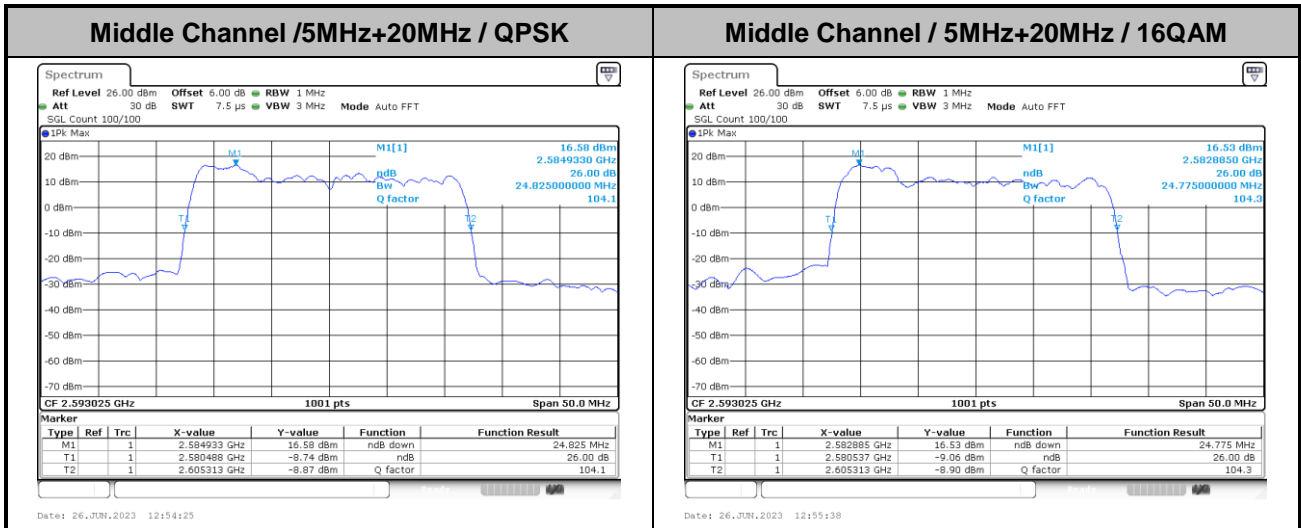


Date: 26 JUN 2023 13:11:31

Middle Channel / 10MHz+15MHz / 16QAM



Date: 26 JUN 2023 13:11:48





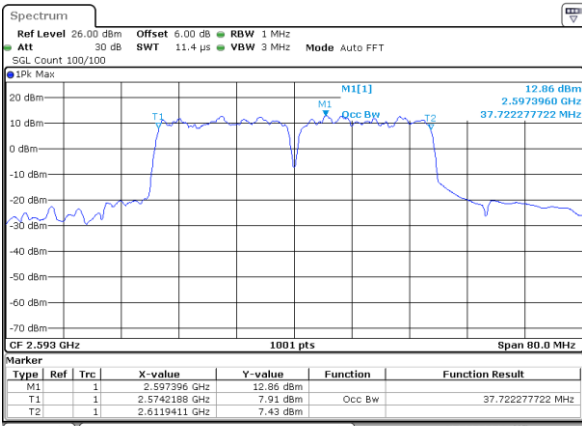
Occupied Bandwidth

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.48
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	32.66
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	28.11
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.23	23.23
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.66	33.01
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.65	28.47
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.38
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.29
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.43	23.48
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.43	23.03



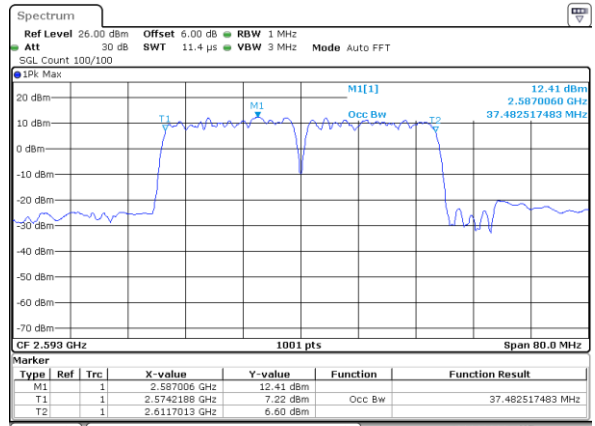
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



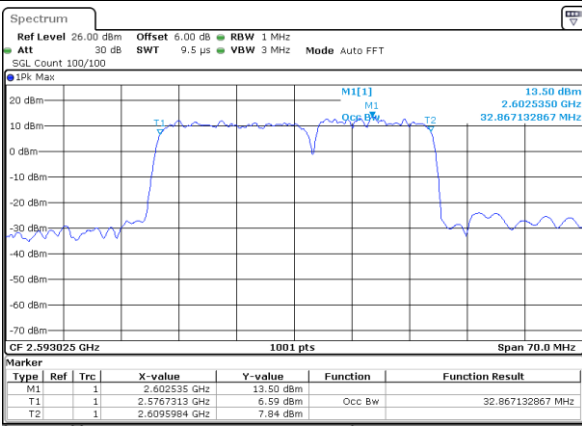
Date: 26 JUN 2023 11:34:27

Middle Channel / 20MHz+20MHz / 16QAM



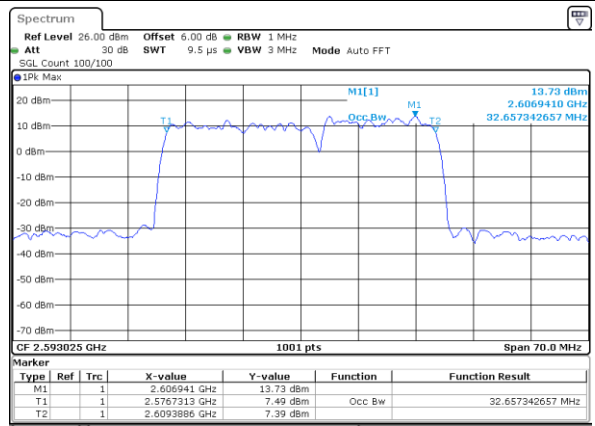
Date: 26 JUN 2023 11:35:36

Middle Channel / 20MHz+15MHz / QPSK



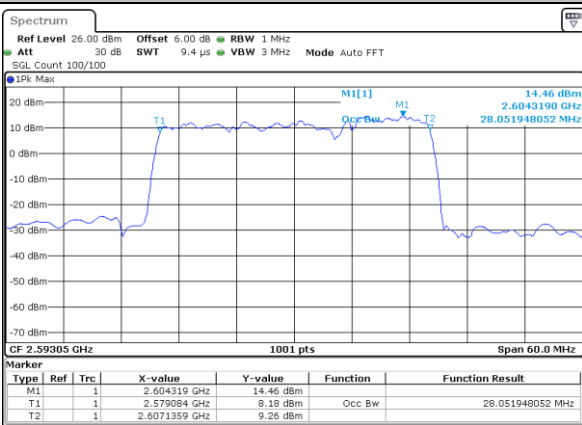
Date: 26 JUN 2023 11:37:10

Middle Channel / 20MHz+15MHz / 16QAM



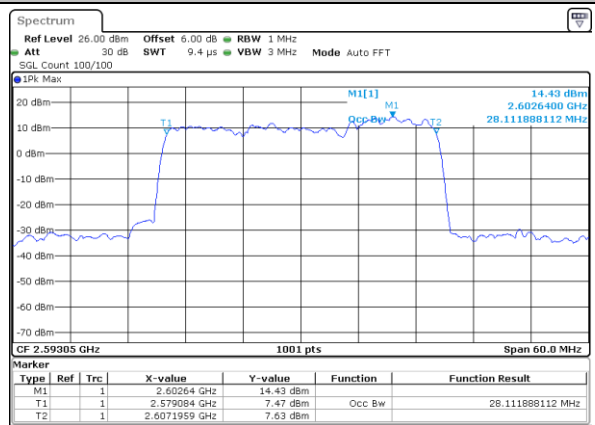
Date: 26 JUN 2023 11:38:27

Middle Channel / 20MHz+10MHz / QPSK



Date: 26 JUN 2023 11:40:41

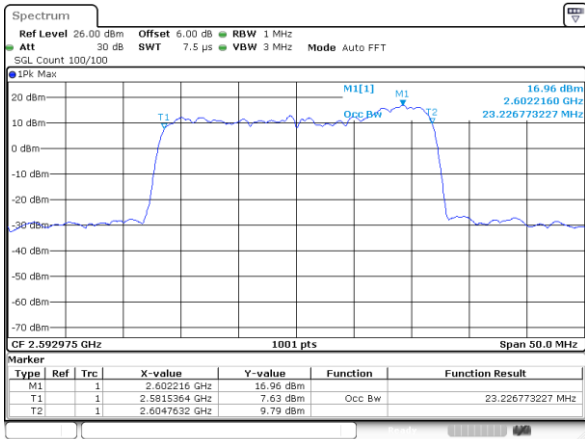
Middle Channel / 20MHz+10MHz / 16QAM



Date: 26 JUN 2023 11:42:22

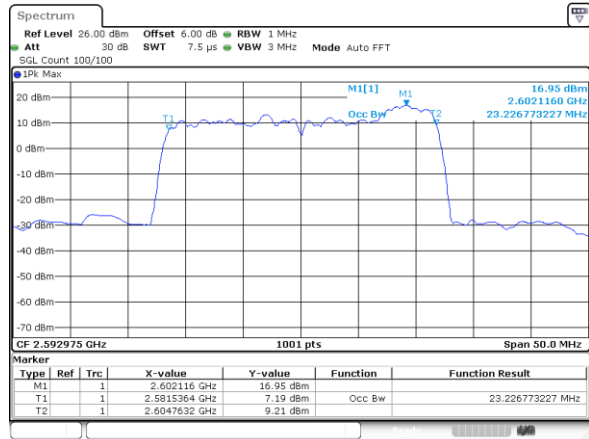


Middle Channel / 20MHz+5MHz / QPSK



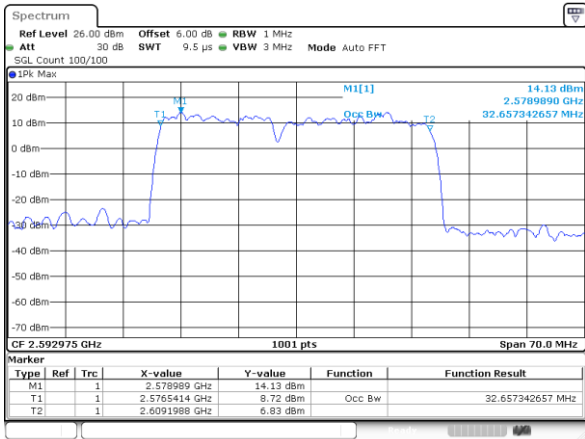
Date: 26 JUN 2023 11:43:59

Middle Channel / 20MHz+5MHz / 16QAM



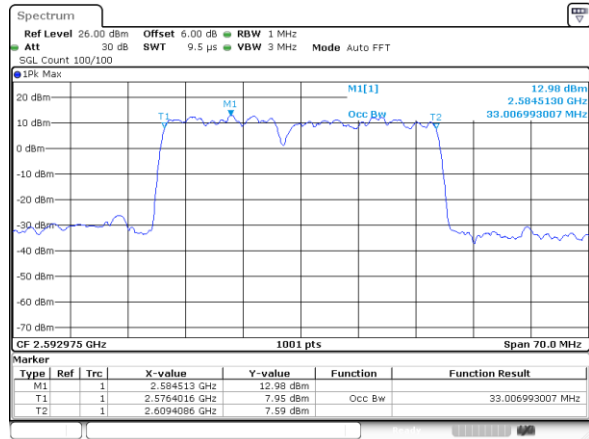
Date: 26 JUN 2023 12:51:29

Middle Channel / 15MHz+20MHz / QPSK



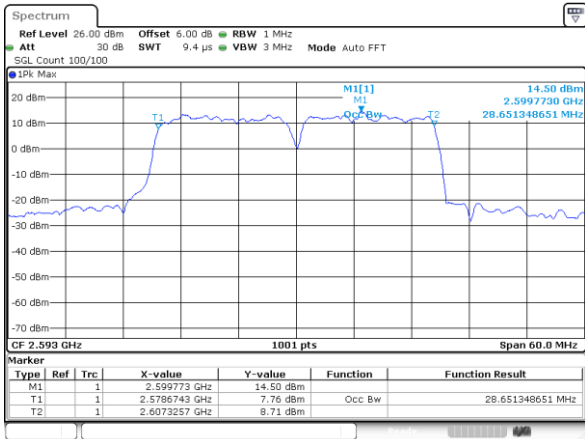
Date: 26 JUN 2023 13:00:14

Middle Channel / 15MHz+20MHz / 16QAM



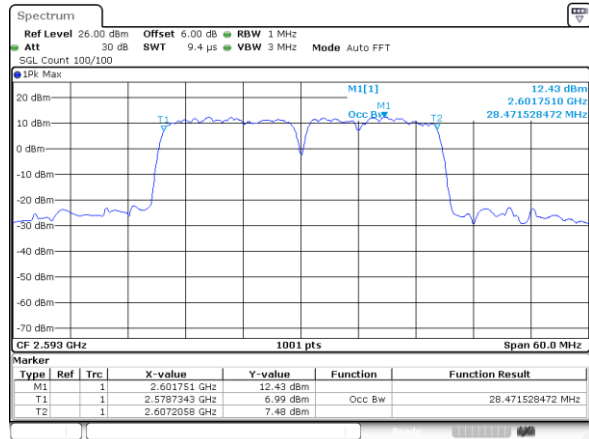
Date: 26 JUN 2023 13:01:32

Middle Channel / 15MHz+15MHz / QPSK



Date: 26 JUN 2023 13:04:45

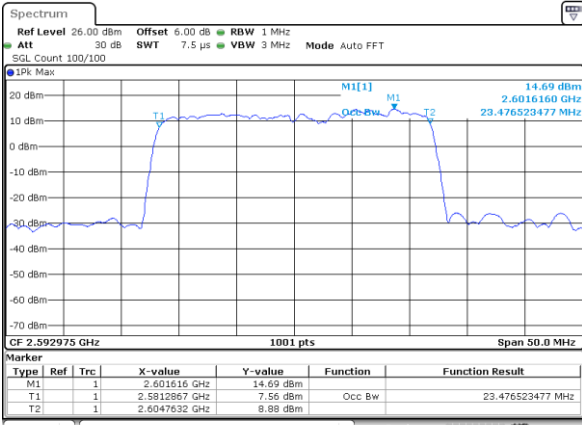
Middle Channel / 15MHz+15MHz / 16QAM



Date: 26 JUN 2023 13:05:51

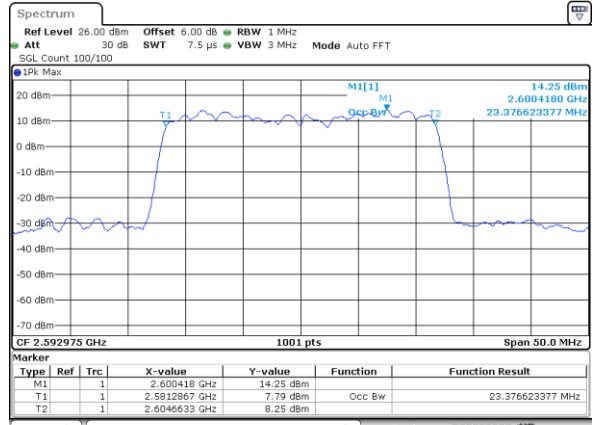


Middle Channel / 15MHz+10MHz / QPSK



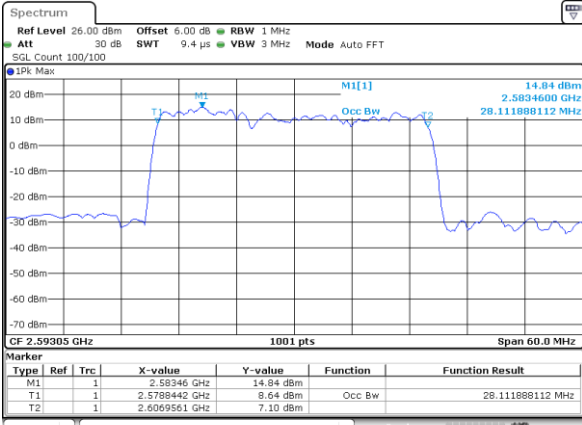
Date: 26 JUN 2023 13:07:29

Middle Channel / 15MHz+10MHz / 16QAM



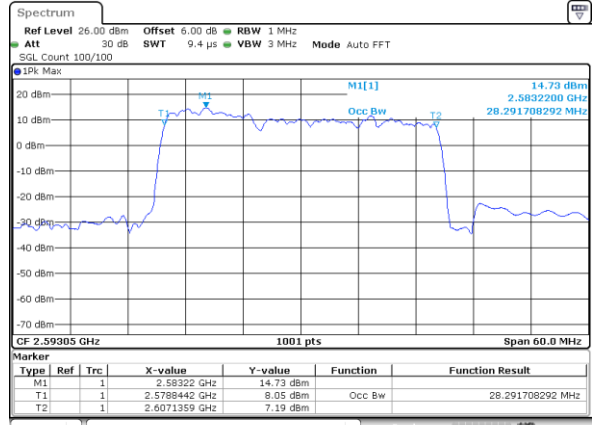
Date: 26 JUN 2023 13:08:43

Middle Channel / 10MHz+20MHz / QPSK



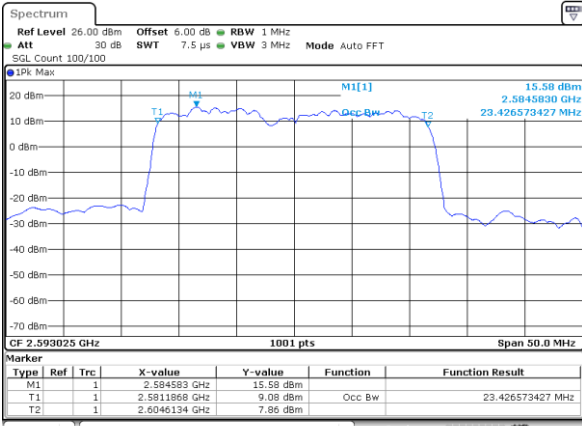
Date: 26 JUN 2023 12:57:03

Middle Channel / 10MHz+20MHz / 16QAM



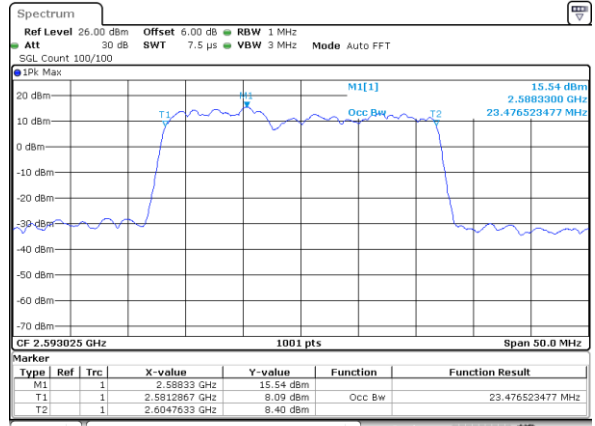
Date: 26 JUN 2023 12:58:38

Middle Channel / 10MHz+15MHz / QPSK

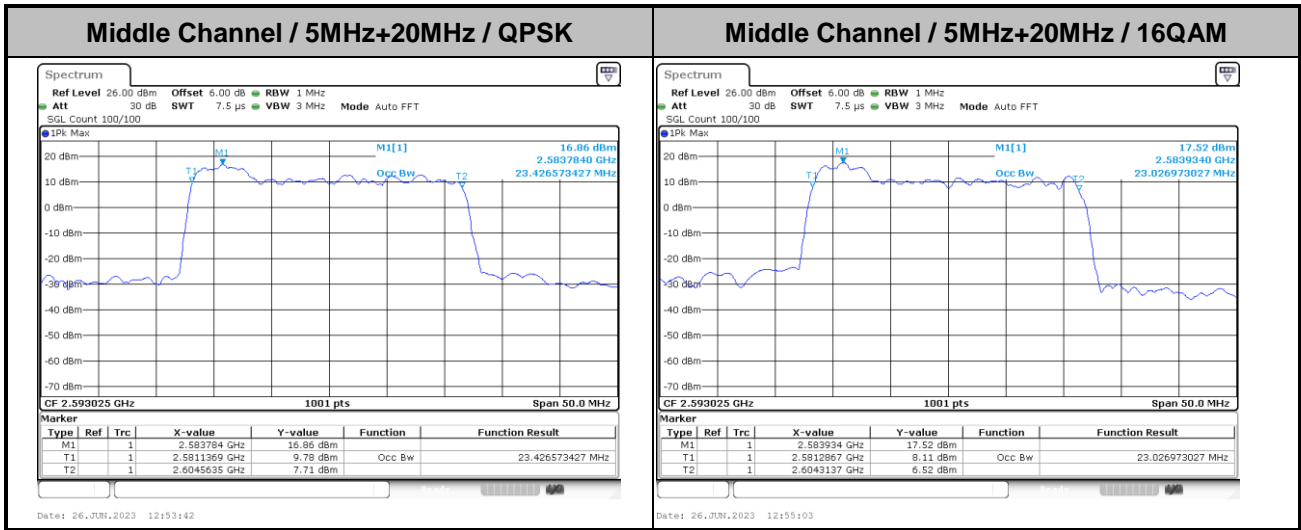


Date: 26 JUN 2023 13:10:57

Middle Channel / 10MHz+15MHz / 16QAM



Date: 26 JUN 2023 13:12:04



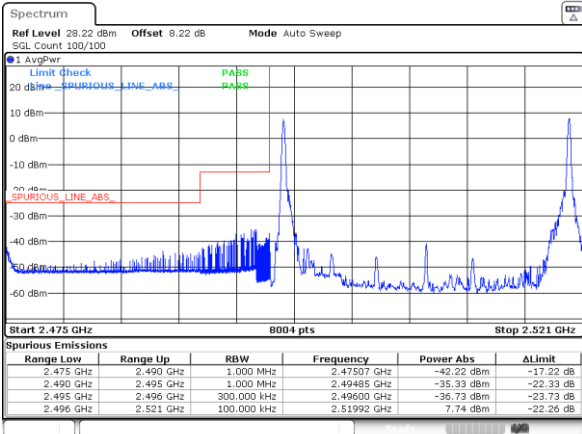


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

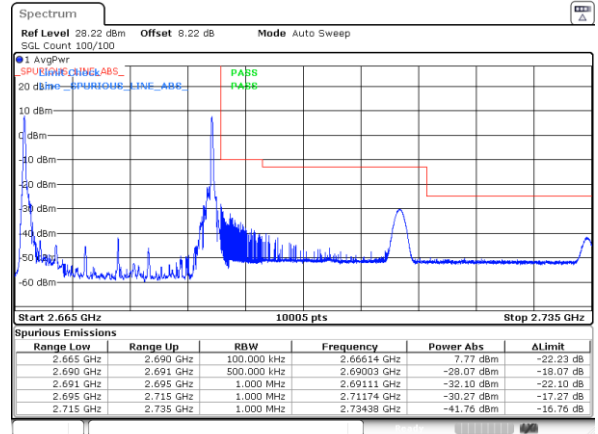
QPSK

Lowest Band Edge / 1RB0 and 1RB99



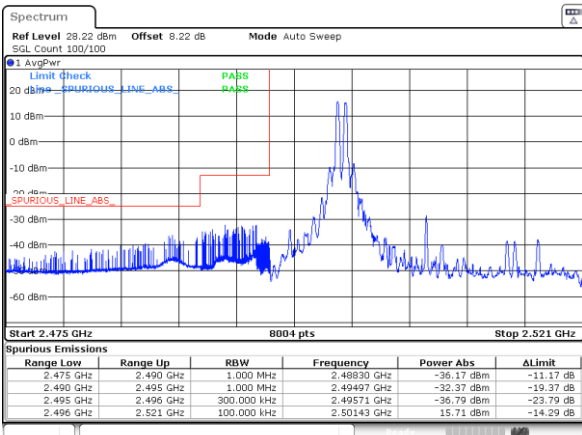
Date: 25 JUN 2023 16:56:53

Highest Band Edge / 1RB0 and 1RB99



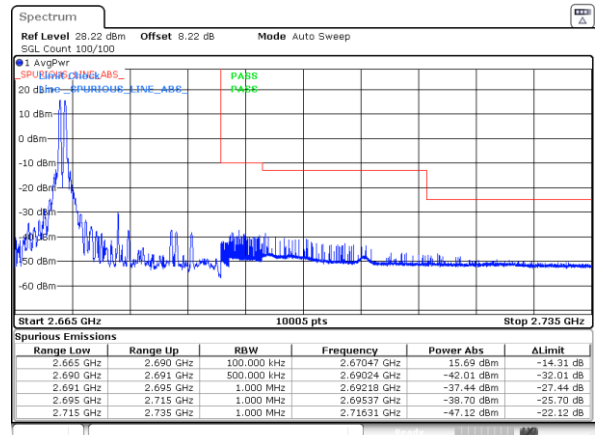
Date: 25 JUN 2023 17:14:32

Lowest Band Edge / 1RB24 and 1RB0



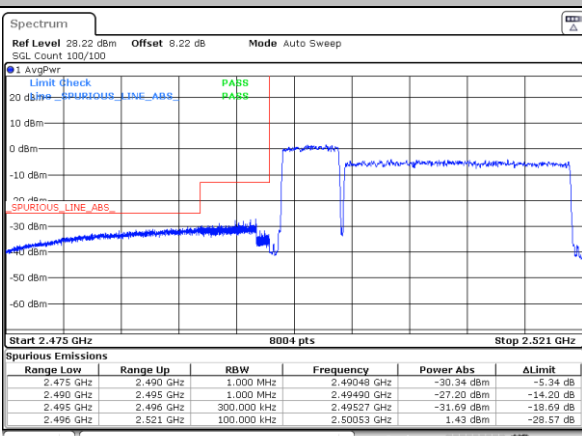
Date: 25 JUN 2023 16:54:11

Highest Band Edge / 1RB24 and 1RB0



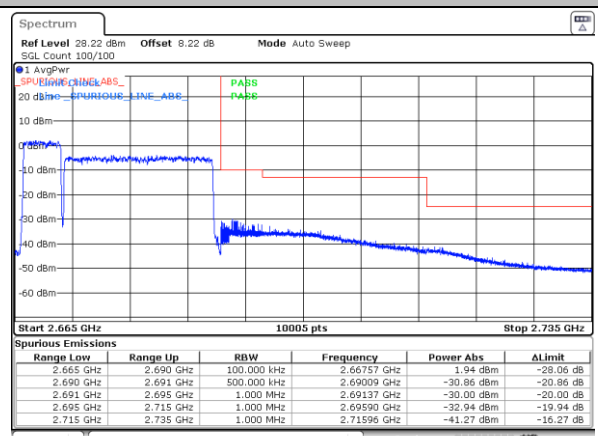
Date: 25 JUN 2023 17:13:51

Lowest Band Edge / Full RB



Date: 25 JUN 2023 16:59:35

Highest Band Edge / Full RB



Date: 25 JUN 2023 17:17:13

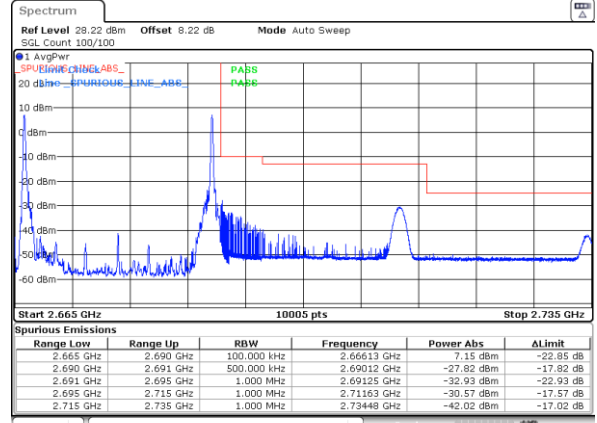
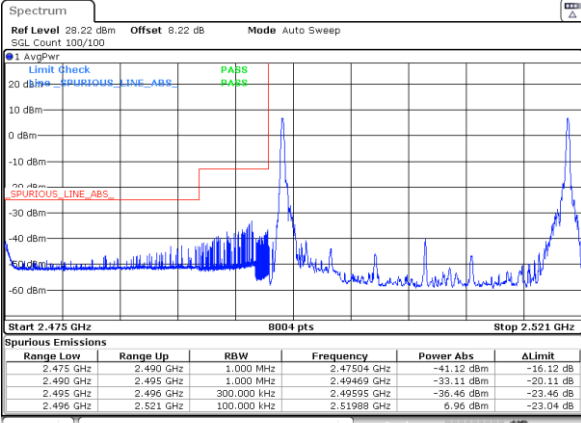


LTE Band 41C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

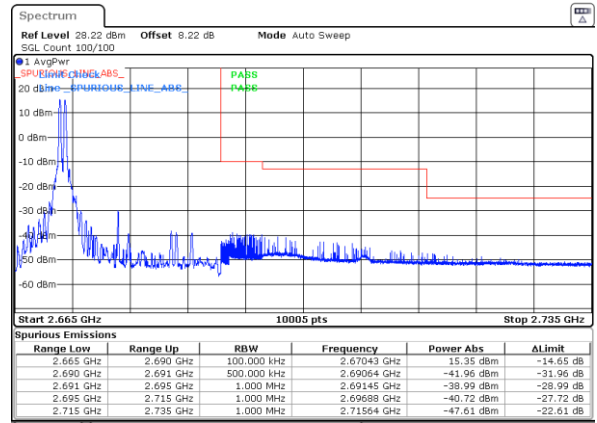
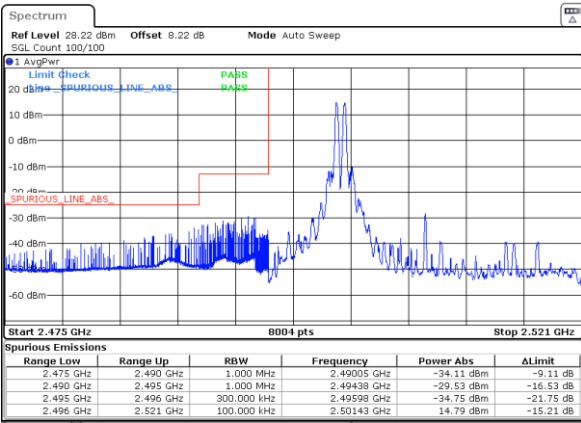


Date: 25 JUN 2023 16:57:47

Date: 25 JUN 2023 17:15:25

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

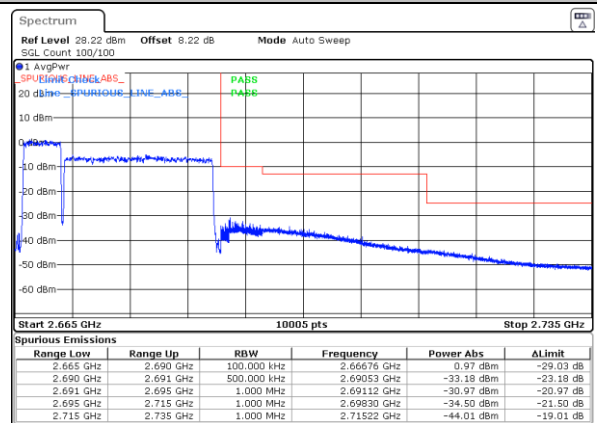
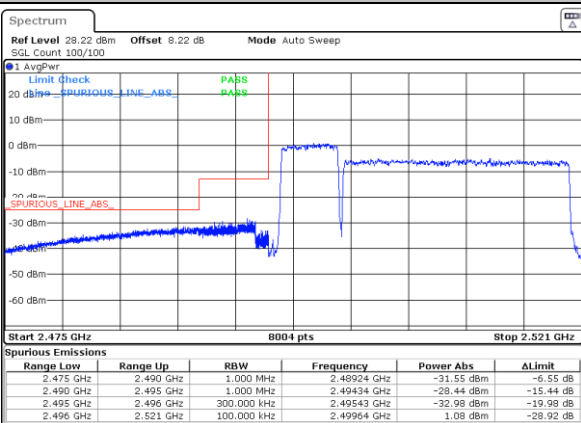


Date: 25 JUN 2023 16:55:05

Date: 25 JUN 2023 17:12:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JUN 2023 17:00:29

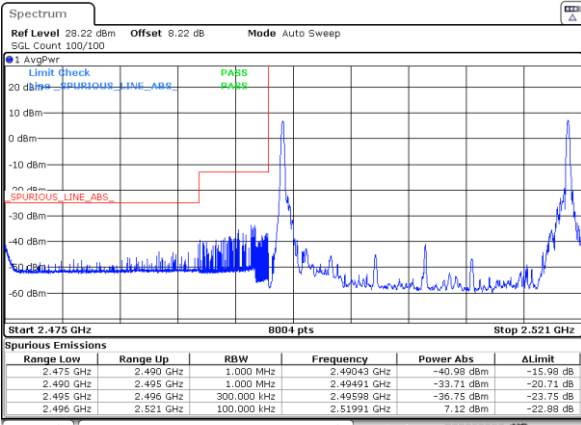
Date: 25 JUN 2023 17:18:06



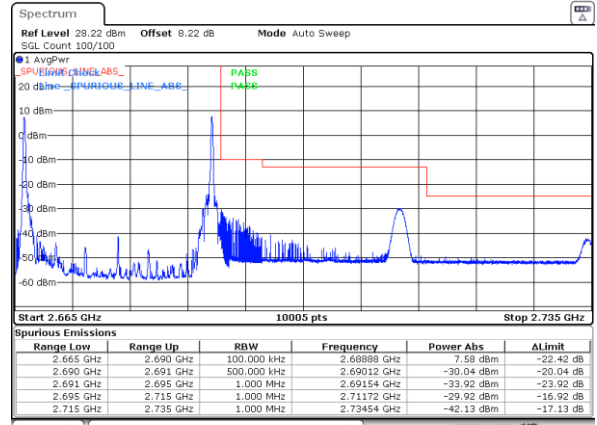
LTE Band 41C / 5MHz+20MHz

64QAM

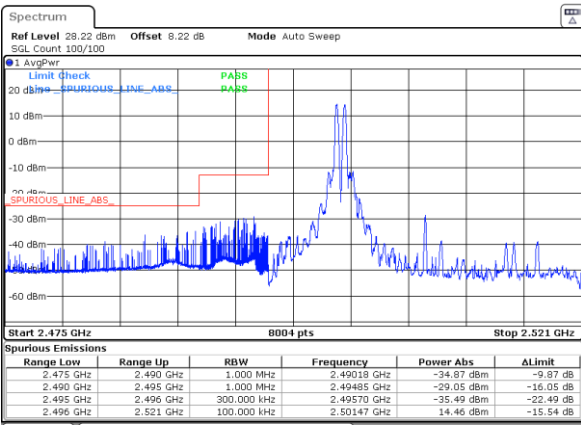
Lowest Band Edge / 1RB0 and 1RB99



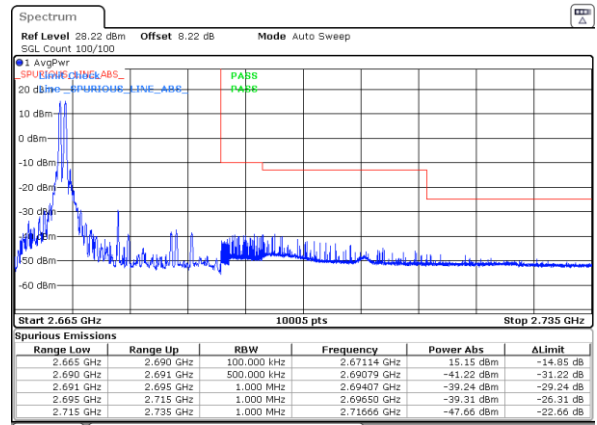
Highest Band Edge / 1RB0 and 1RB99



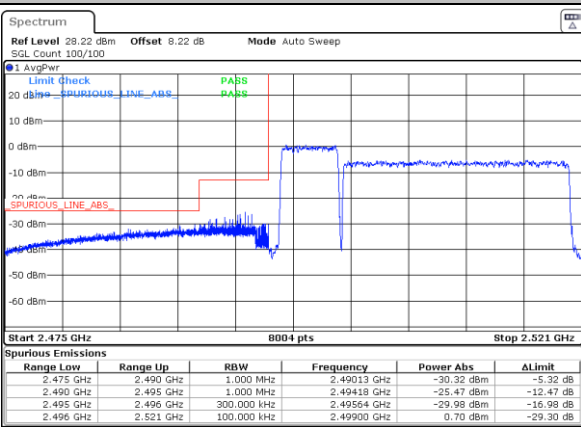
Lowest Band Edge / 1RB24 and 1RB0



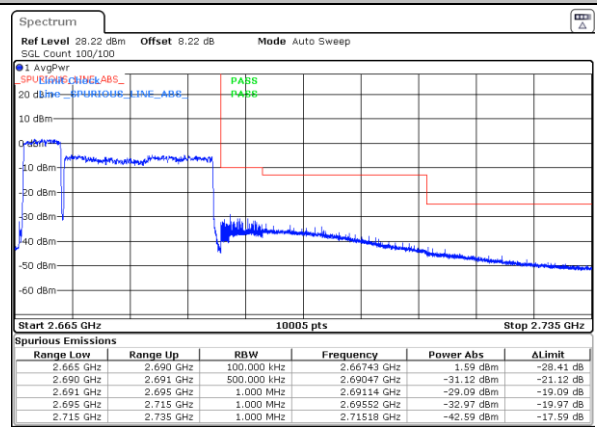
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



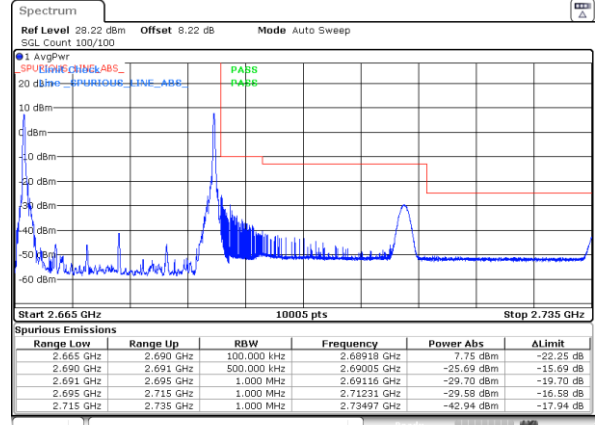
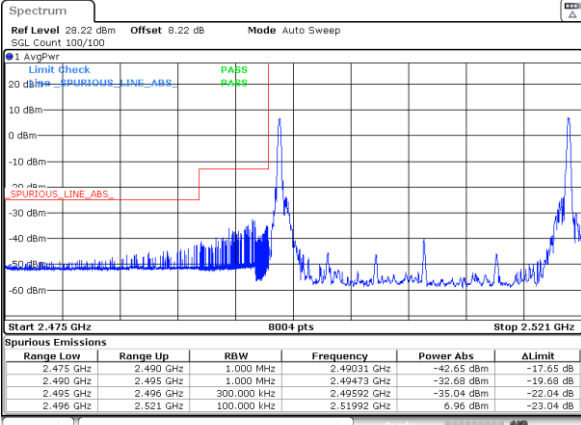


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

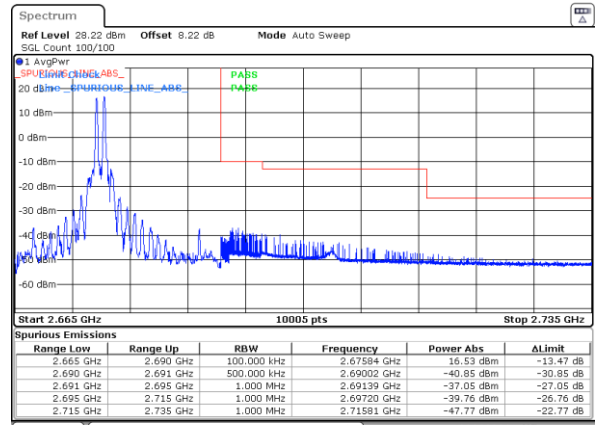
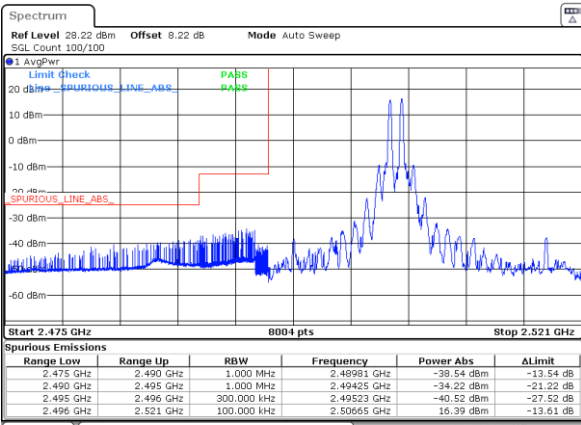


Date: 25 JUN 2023 17:24:46

Date: 25 JUN 2023 18:12:11

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

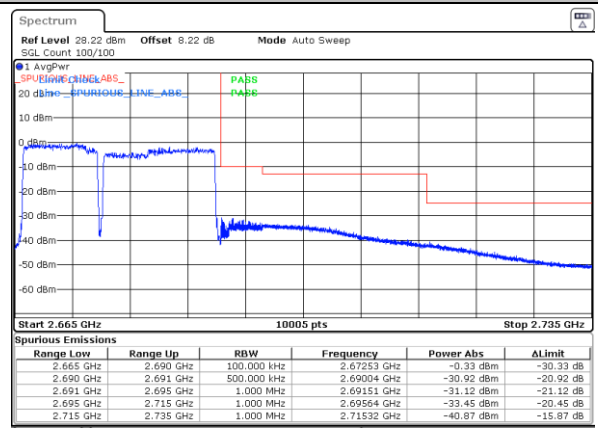
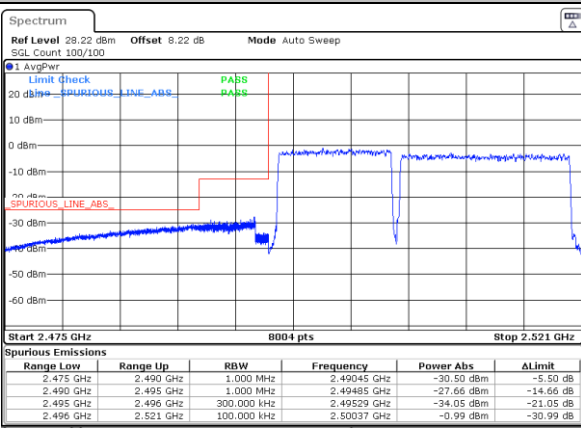


Date: 25 JUN 2023 17:22:07

Date: 25 JUN 2023 18:09:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JUN 2023 17:27:28

Date: 25 JUN 2023 18:14:51

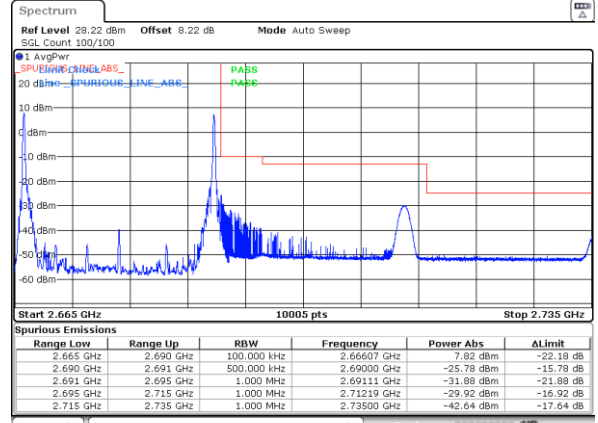
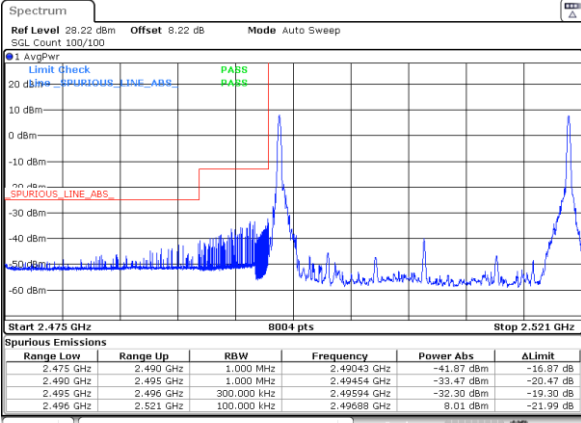


LTE Band 41C / 10MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

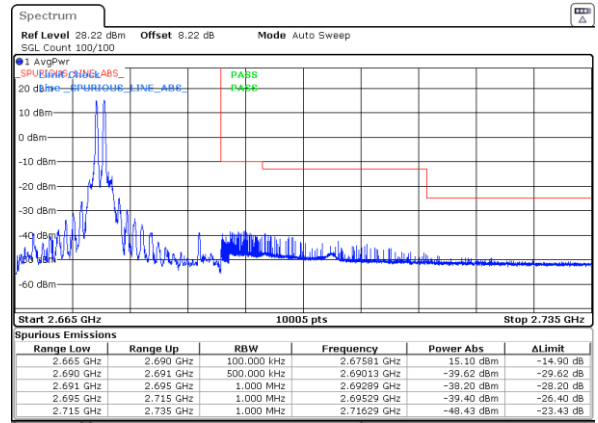
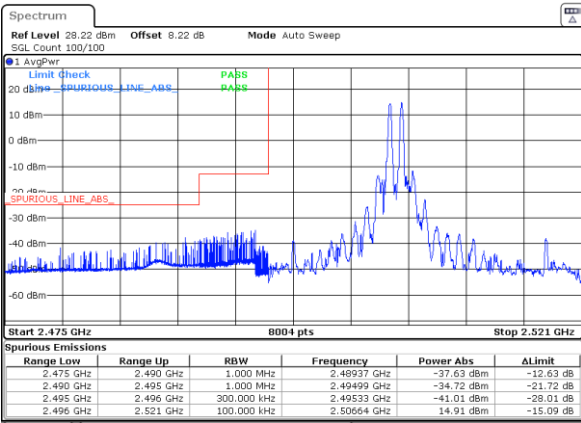


Date: 25 JUN 2023 17:25:40

Date: 25 JUN 2023 18:13:04

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

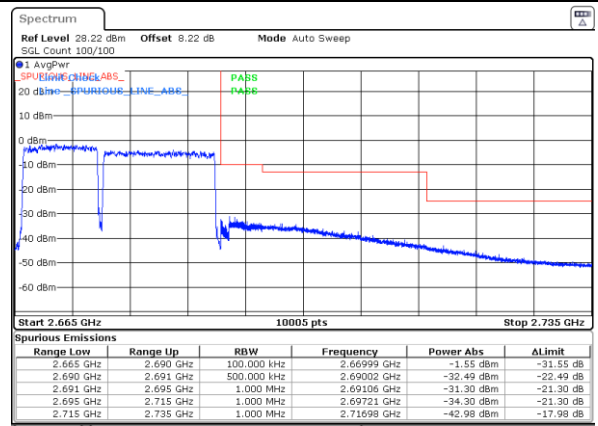
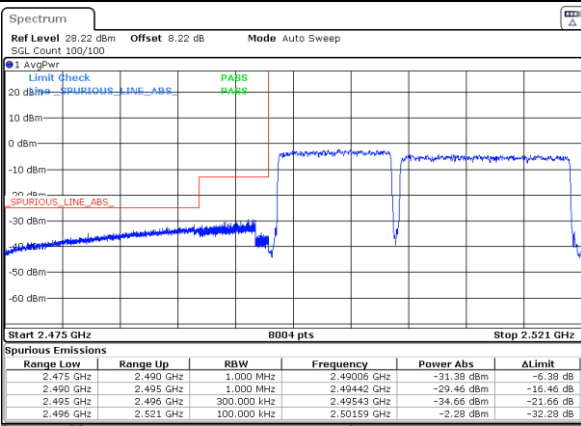


Date: 25 JUN 2023 17:23:00

Date: 25 JUN 2023 18:10:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JUN 2023 17:28:22

Date: 25 JUN 2023 18:15:45

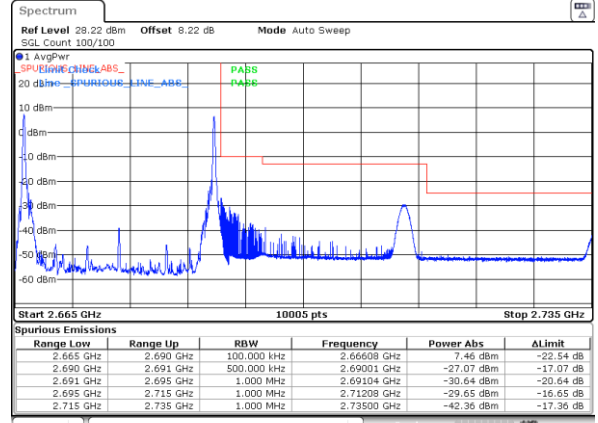
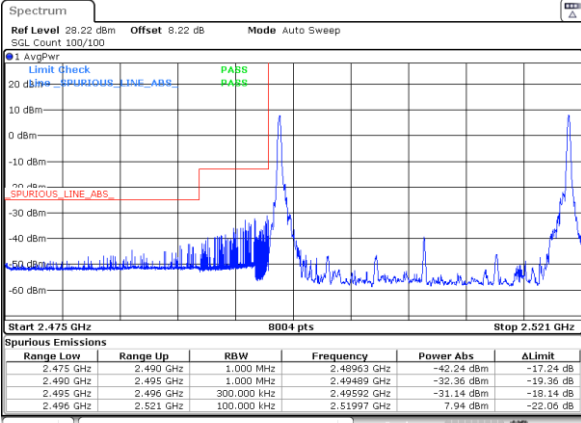


LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

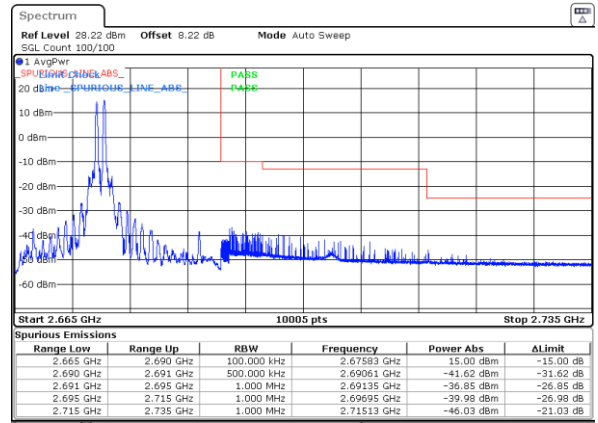
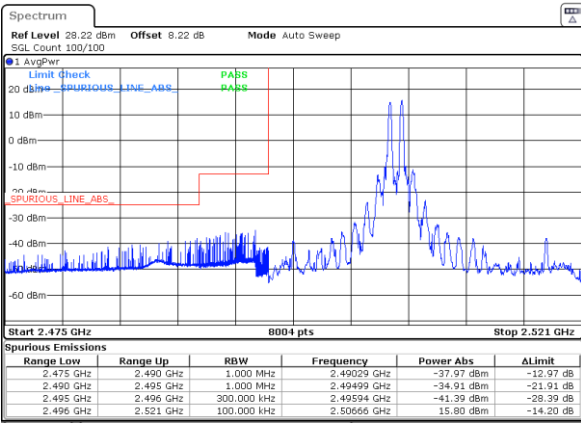


Date: 25 JUN 2023 17:26:14

Date: 25 JUN 2023 18:13:57

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

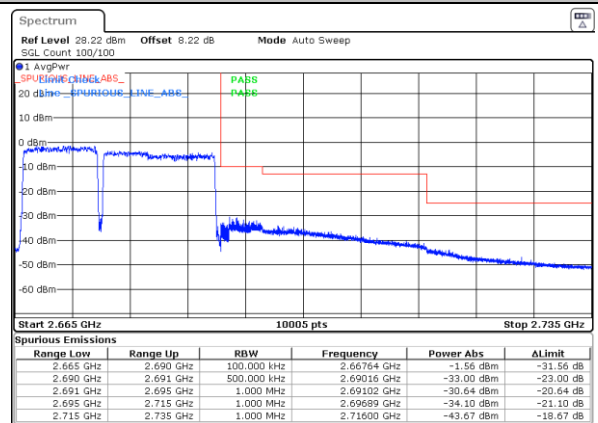
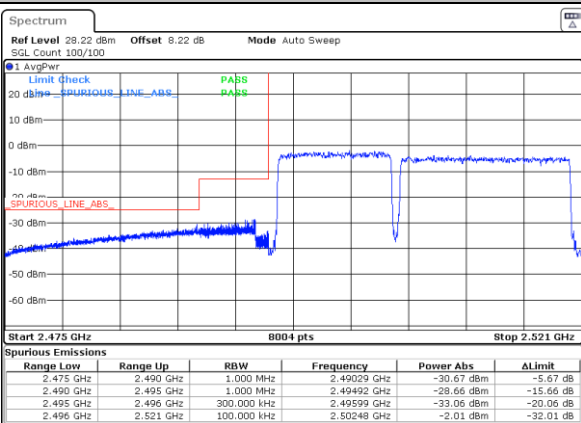


Date: 25 JUN 2023 17:23:53

Date: 25 JUN 2023 18:11:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 JUN 2023 17:29:15

Date: 25 JUN 2023 18:16:38