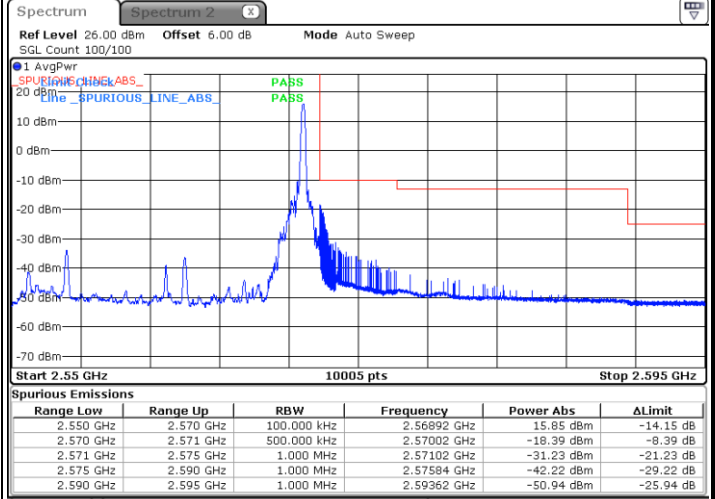
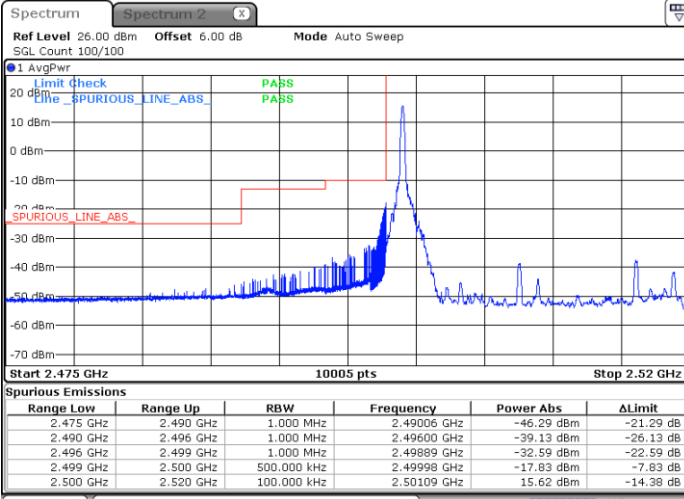




LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

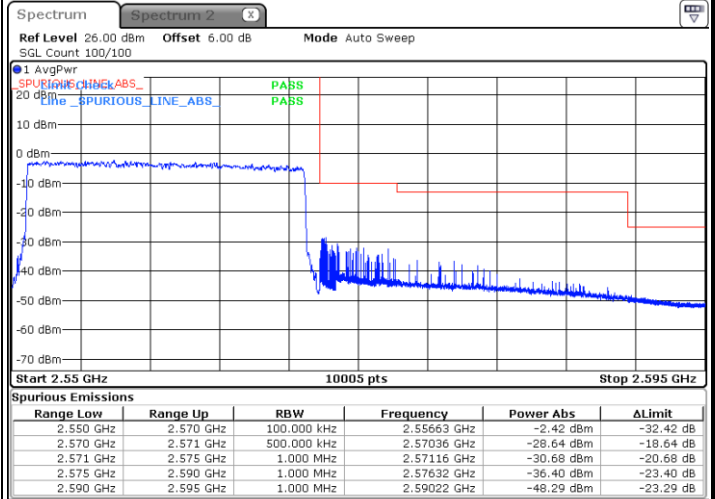
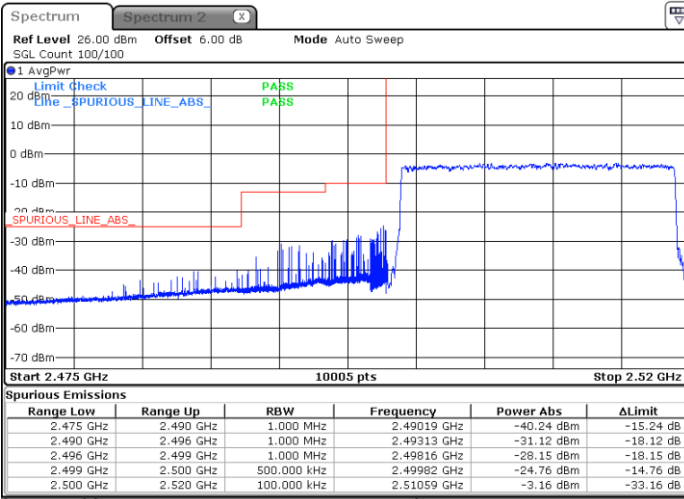


Date: 20.JUL.2024 05:26:52

Date: 20.JUL.2024 05:36:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

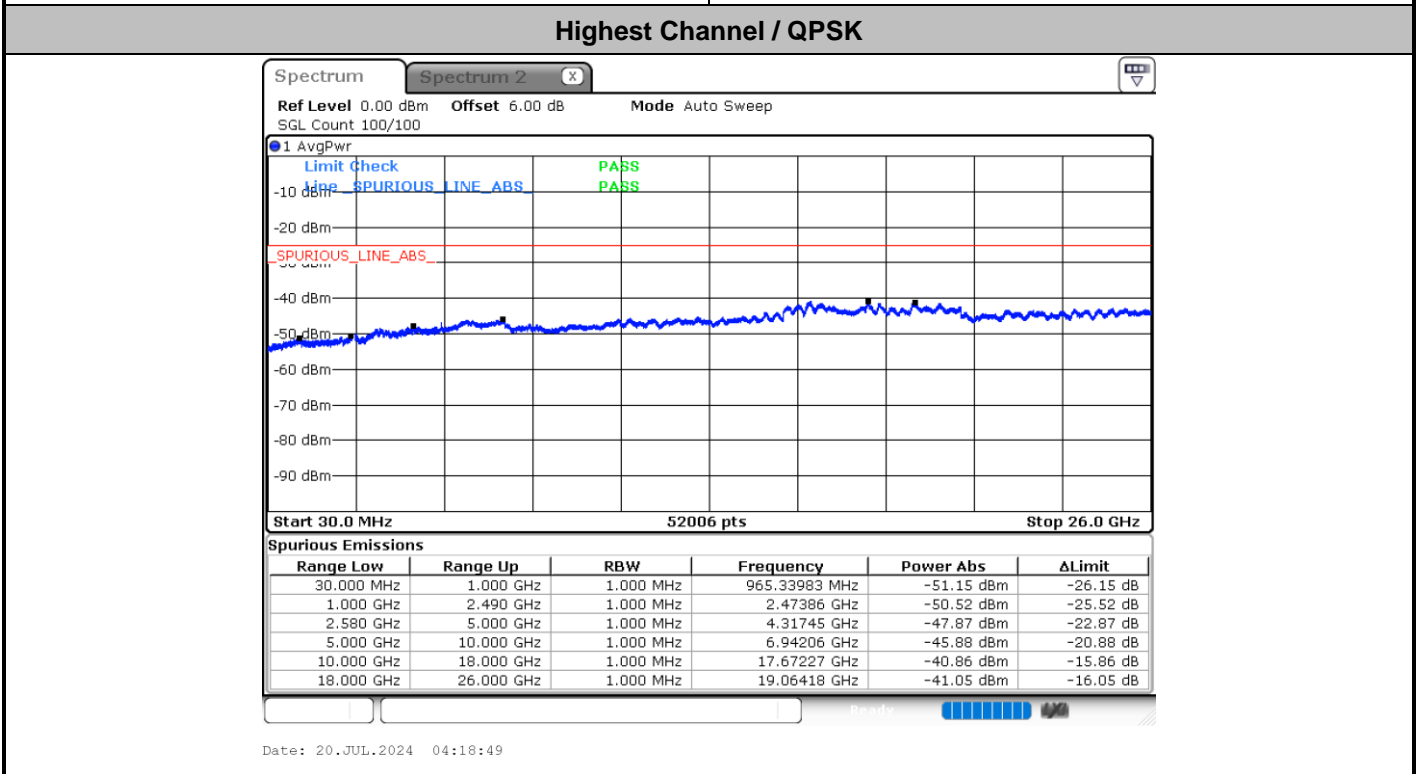
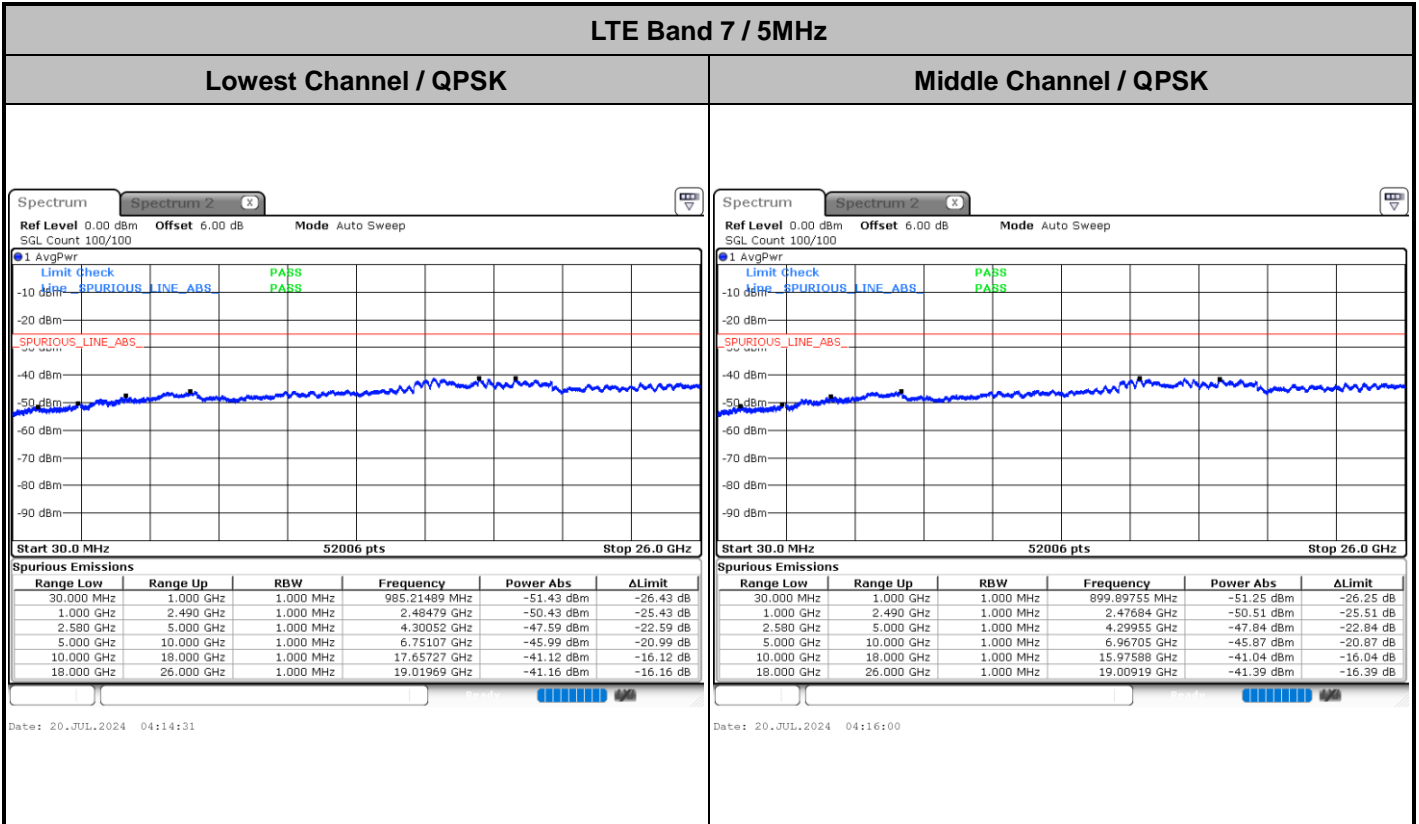


Date: 20.JUL.2024 05:24:04

Date: 20.JUL.2024 05:39:36



Conducted Spurious Emission

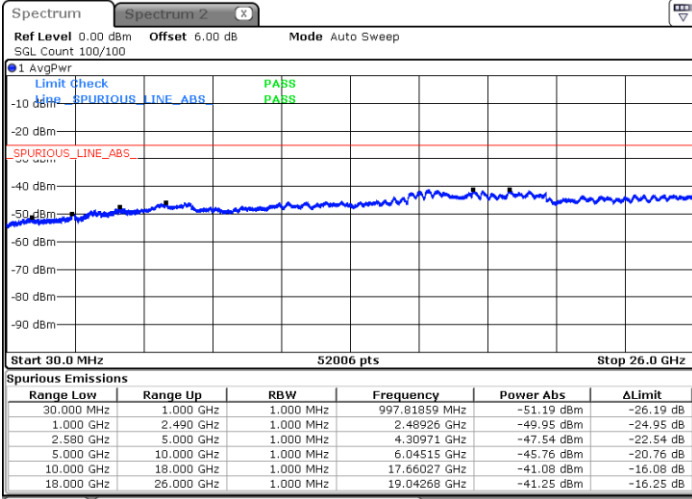




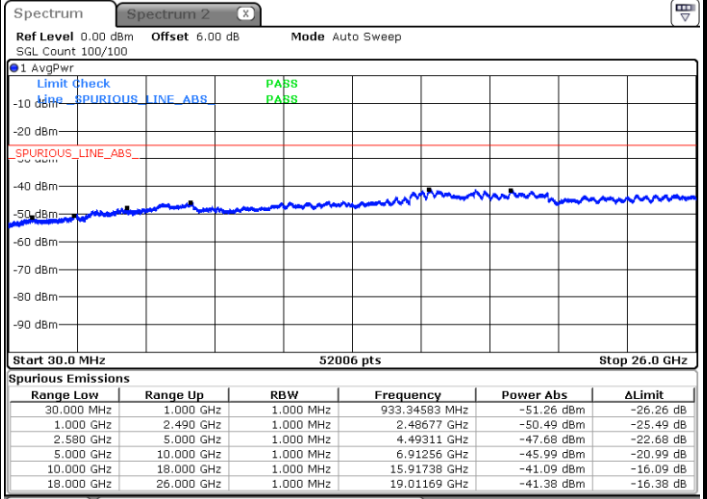
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

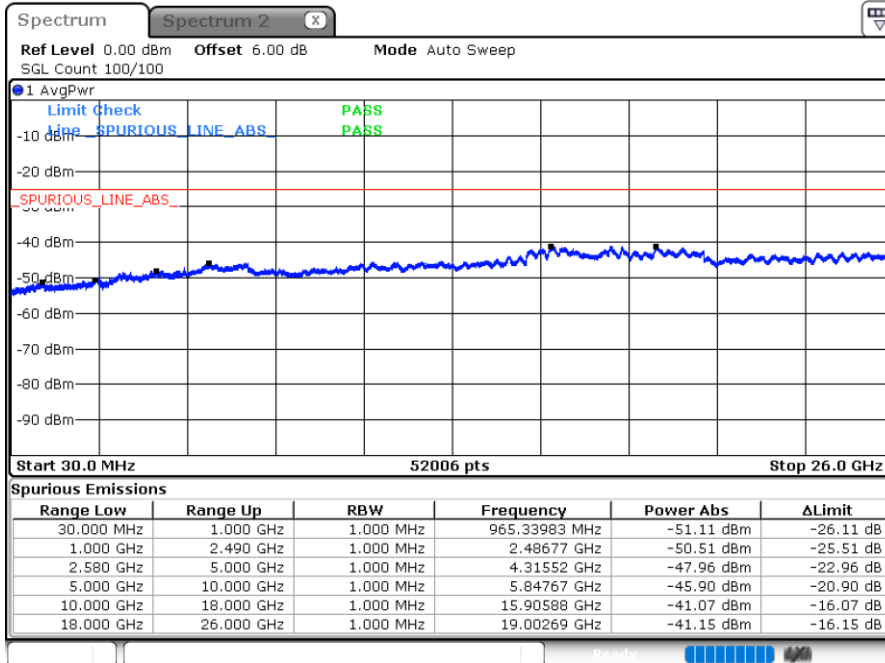


Date: 20.JUL.2024 04:34:53



Date: 20.JUL.2024 04:36:22

Highest Channel / QPSK



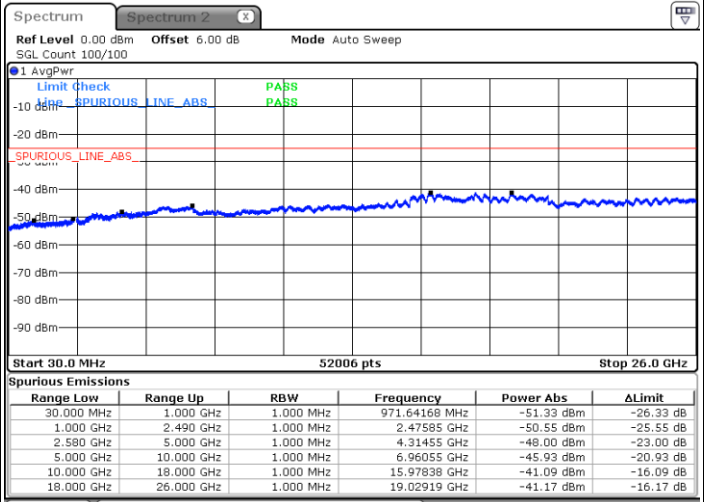
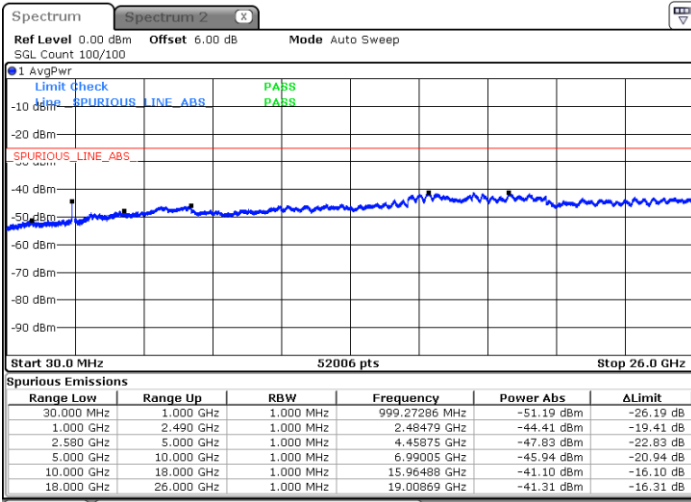
Date: 20.JUL.2024 04:39:11



LTE Band 7 / 15MHz

Lowest Channel / QPSK

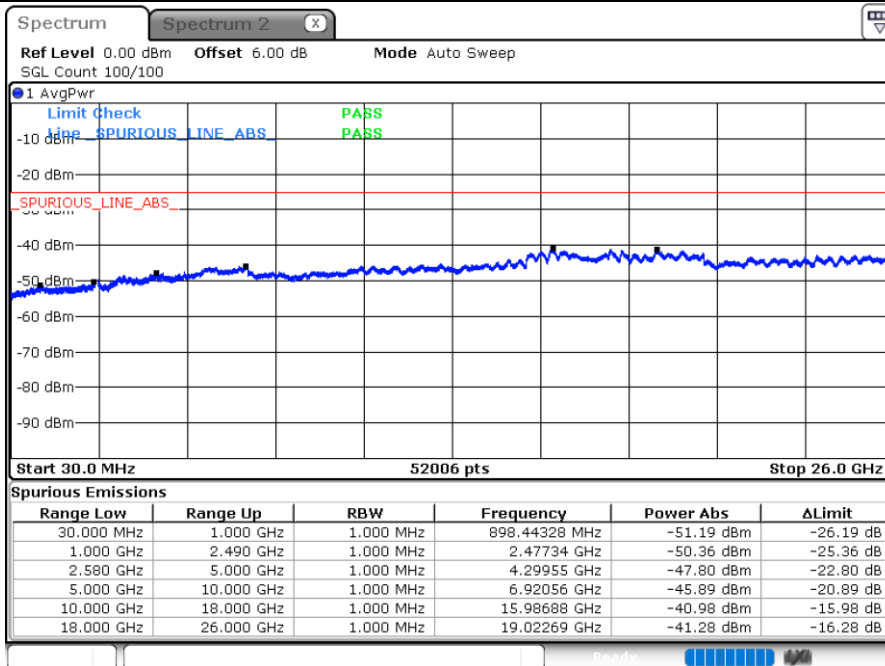
Middle Channel / QPSK



Date: 20.JUL.2024 04:53:35

Date: 20.JUL.2024 04:55:04

Highest Channel / QPSK



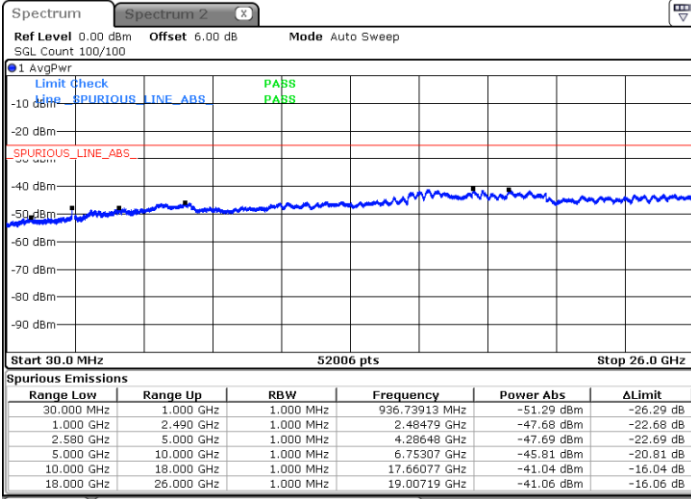
Date: 20.JUL.2024 04:57:53



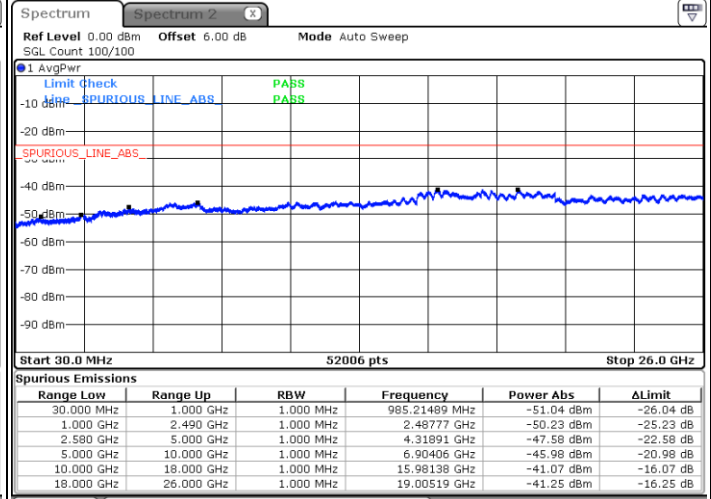
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

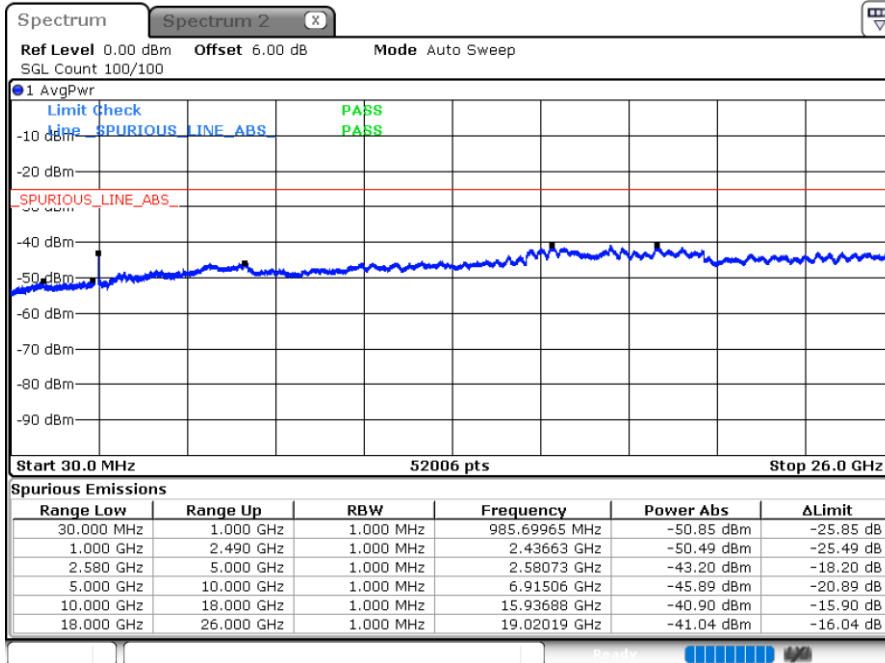


Date: 20.JUL.2024 05:28:21



Date: 20.JUL.2024 05:29:51

Highest Channel / QPSK



Date: 20.JUL.2024 05:34:04



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0062	
-20	Normal Voltage	0.0051	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_7C

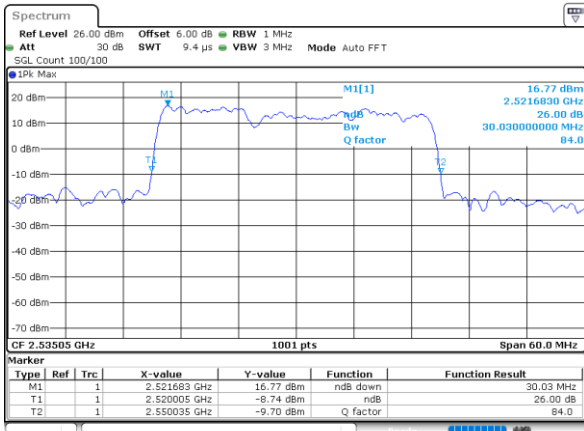
26dB Bandwidth

Mode	LTE Band 7c : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.91
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.28	25.33
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.81	30.63
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	35.18
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	29.97	30.03
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	35.04
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.12	39.96



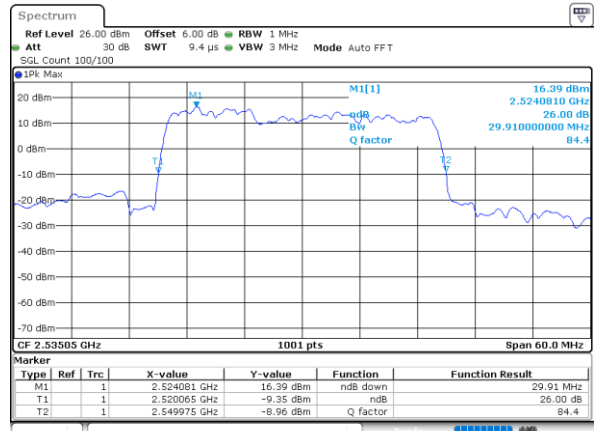
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 22_JUL_2024 05:24:41

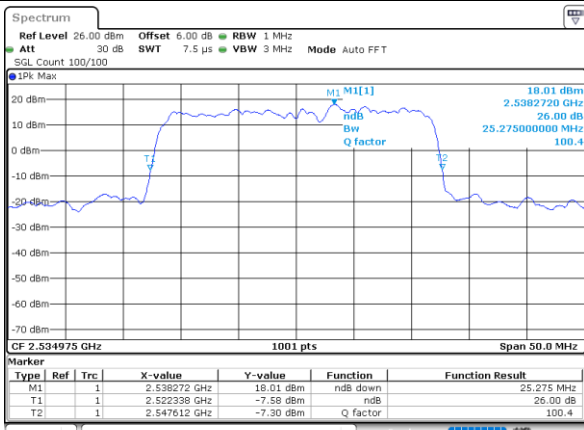
Middle Channel / 10MHz+20MHz / 16QAM



Date: 22_JUL_2024 05:12:610

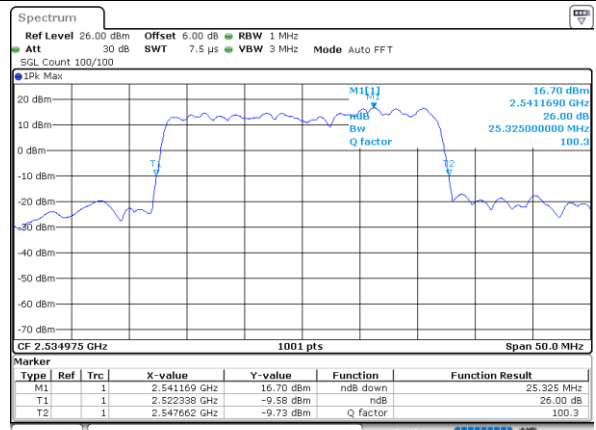
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 22_JUL_2024 06:31:38

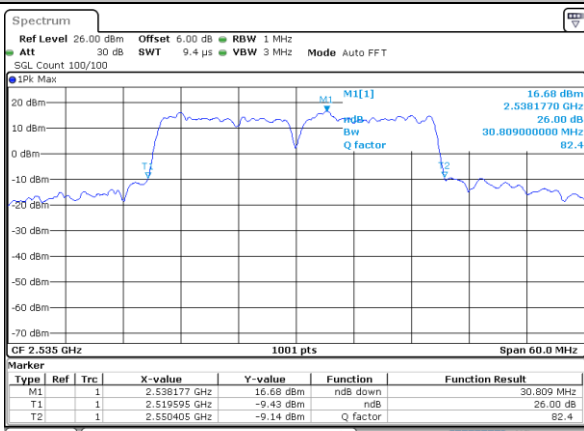
Middle Channel / 15MHz+10MHz / 16QAM



Date: 22_JUL_2024 06:13:106

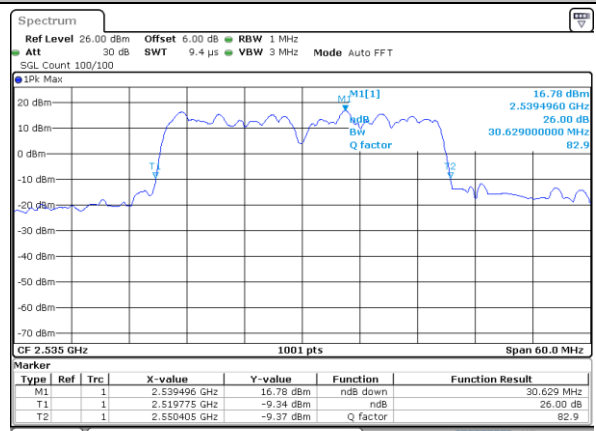
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 23_JUL_2024 04:10:110

Middle Channel / 15MHz+15MHz / 16QAM

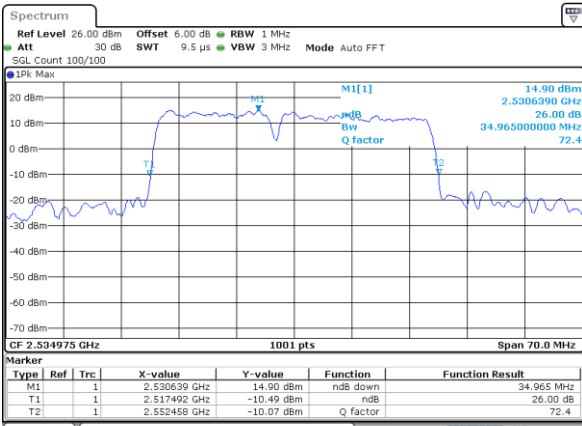


Date: 23_JUL_2024 04:11:133



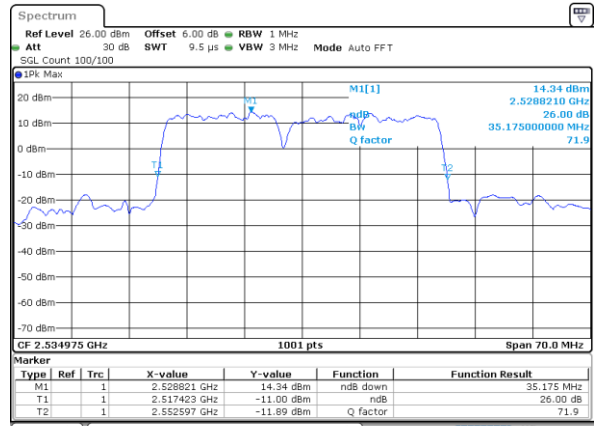
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 23_JUL_2024 04:41:44

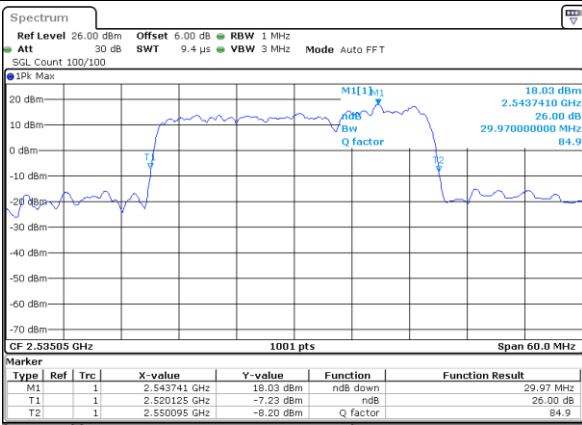
Middle Channel / 15MHz+20MHz / 16QAM



Date: 23_JUL_2024 04:43:12

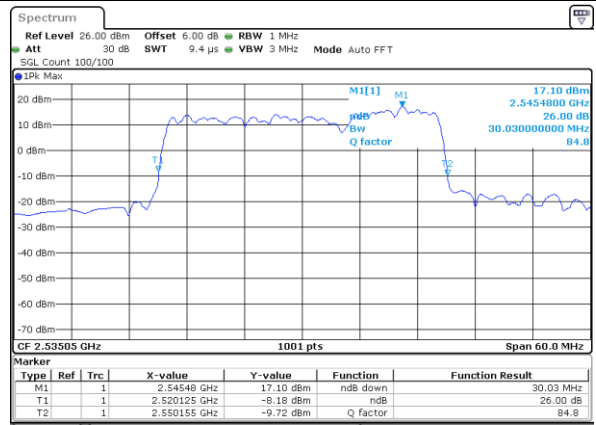
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 23_JUL_2024 05:13:16

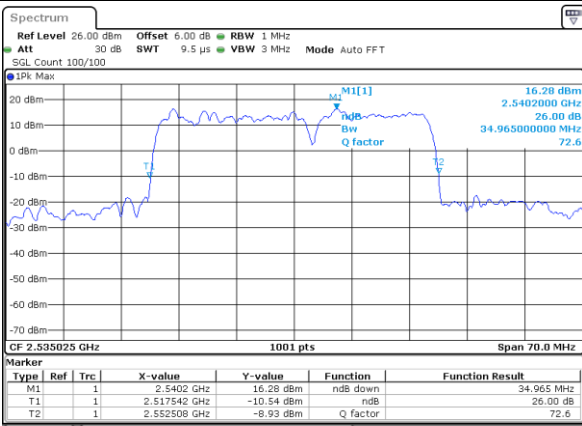
Middle Channel / 20MHz+10MHz / 16QAM



Date: 23_JUL_2024 05:14:45

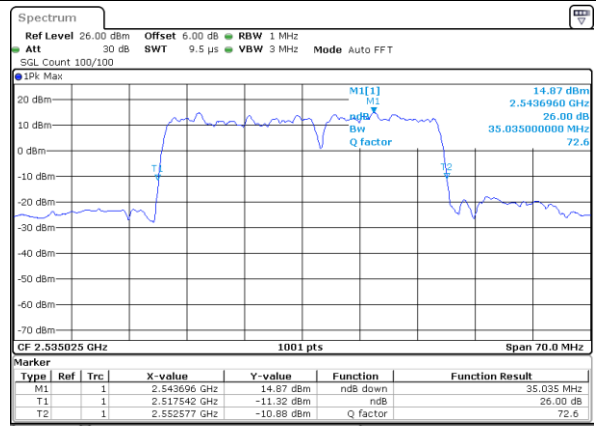
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 23_JUL_2024 05:44:46

Middle Channel / 20MHz+15MHz / 16QAM

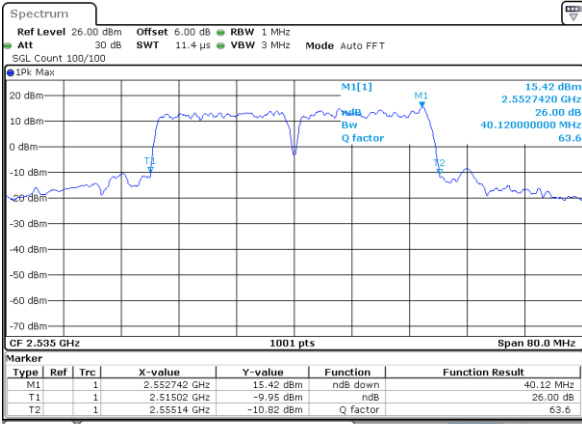


Date: 23_JUL_2024 05:46:15

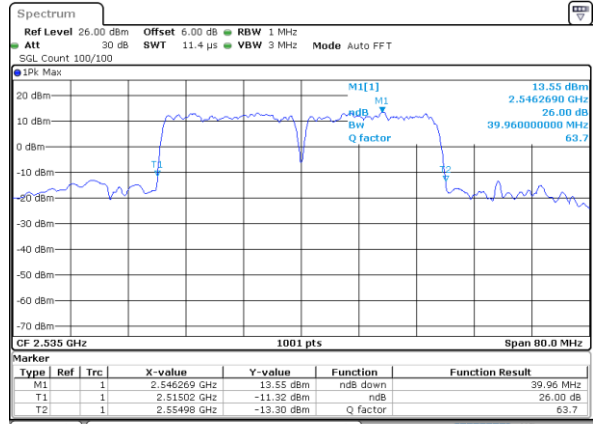


LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Middle Channel / 20MHz+20MHz / 16QAM





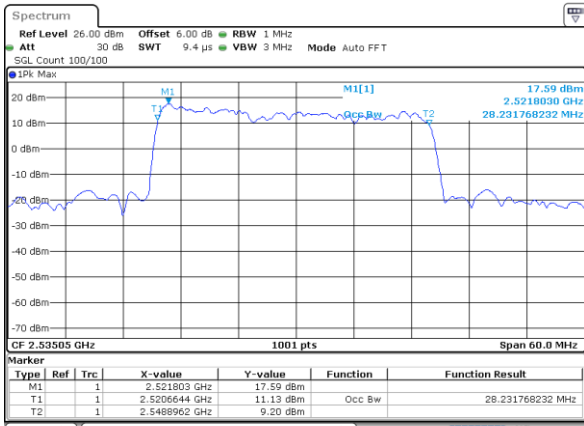
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	27.99
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.53
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.71	28.77
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.87
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	28.17
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	33.08
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.96



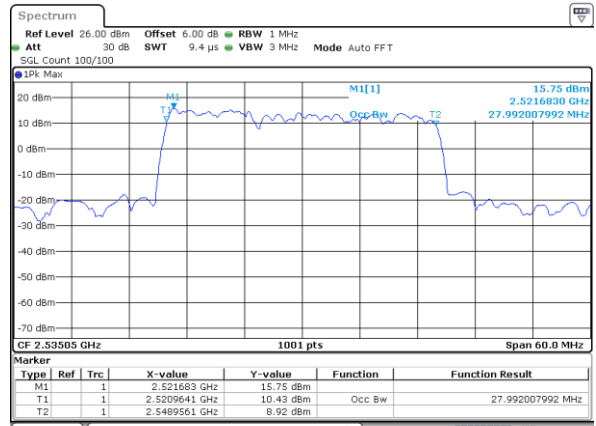
LTE Band 7

Middle Channel / 10MHz+20MHz / QPSK



Date: 22_JUL_2024 05:25:11

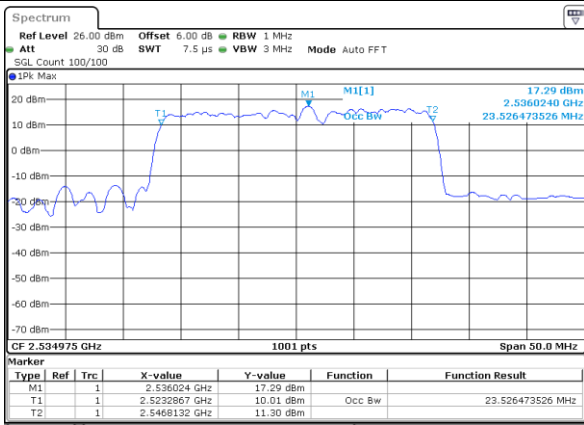
Middle Channel / 10MHz+20MHz / 16QAM



Date: 22_JUL_2024 05:25:14

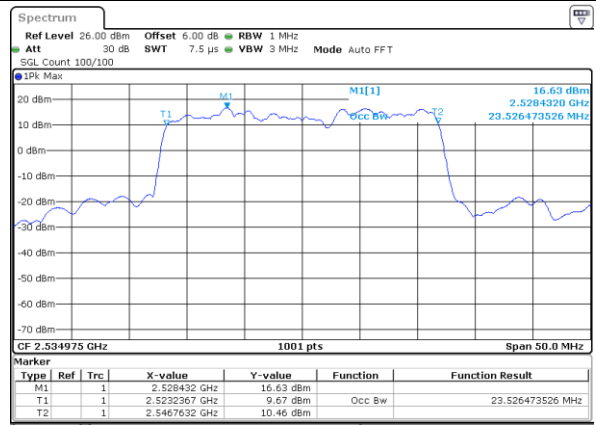
LTE Band 7

Middle Channel / 15MHz+10MHz / QPSK



Date: 22_JUL_2024 06:32:07

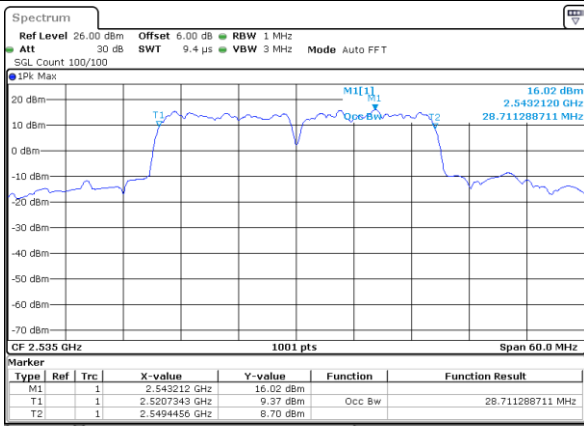
Middle Channel / 15MHz+10MHz / 16QAM



Date: 22_JUL_2024 06:32:17

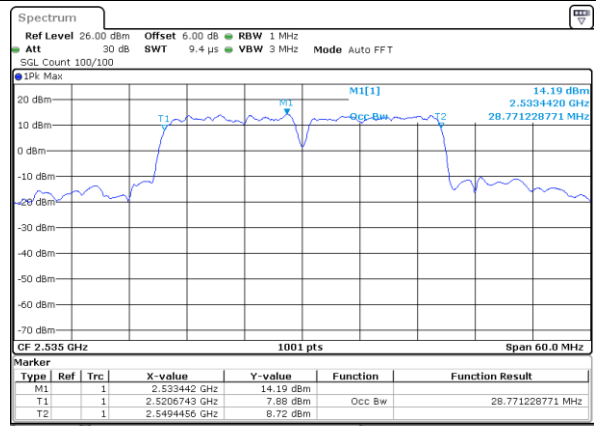
LTE Band 7

Middle Channel / 15MHz+15MHz / QPSK



Date: 23_JUL_2024 04:10:38

Middle Channel / 15MHz+15MHz / 16QAM

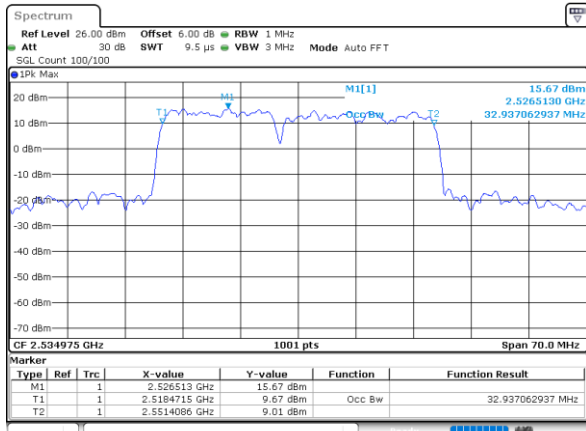


Date: 23_JUL_2024 04:11:05



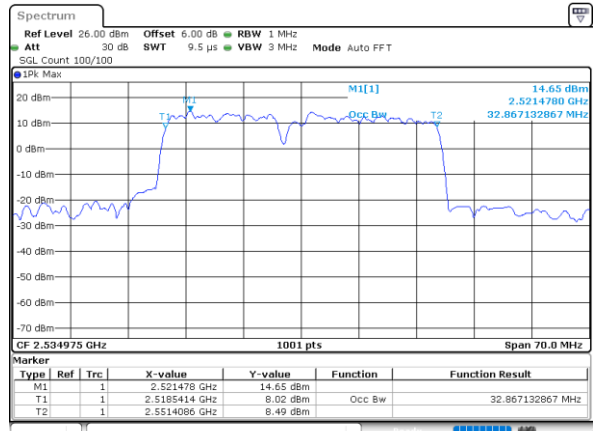
LTE Band 7

Middle Channel / 15MHz+20MHz / QPSK



Date: 23_JUL_2024 04:42:13

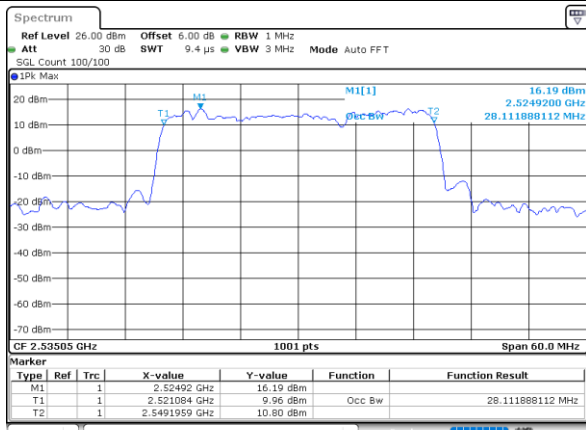
Middle Channel / 15MHz+20MHz / 16QAM



Date: 23_JUL_2024 04:42:13

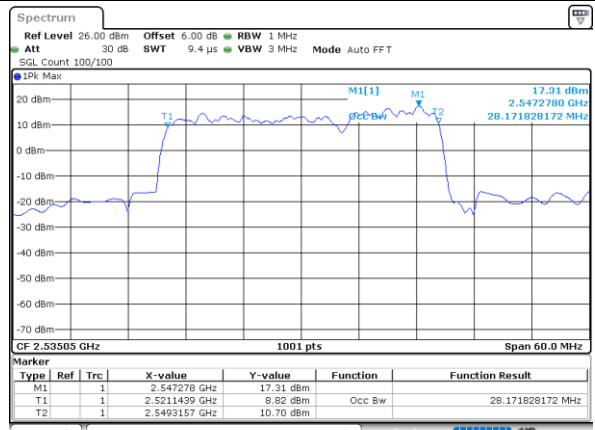
LTE Band 7

Middle Channel / 20MHz+10MHz / QPSK



Date: 23_JUL_2024 05:13:46

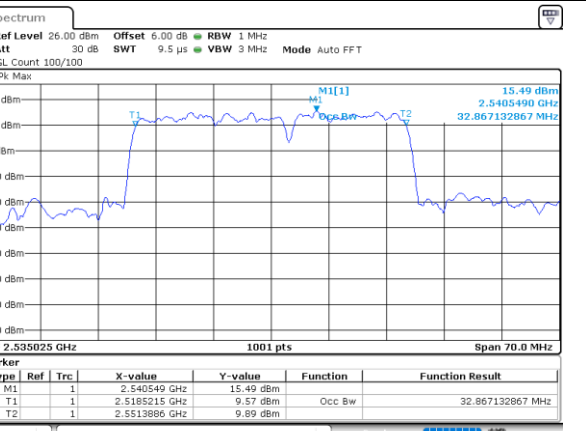
Middle Channel / 20MHz+10MHz / 16QAM



Date: 23_JUL_2024 05:14:16

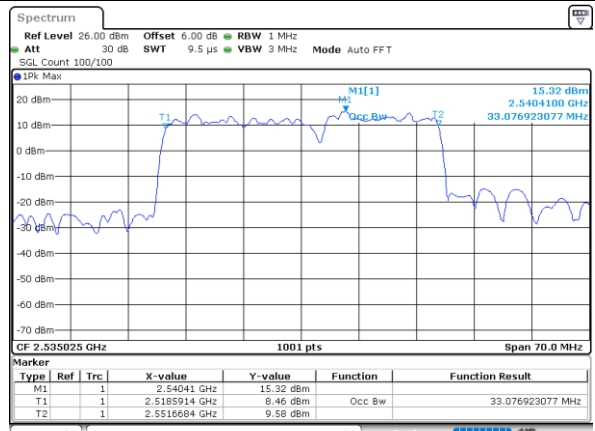
LTE Band 7

Middle Channel / 20MHz+15MHz / QPSK



Date: 23_JUL_2024 05:14:16

Middle Channel / 20MHz+15MHz / 16QAM

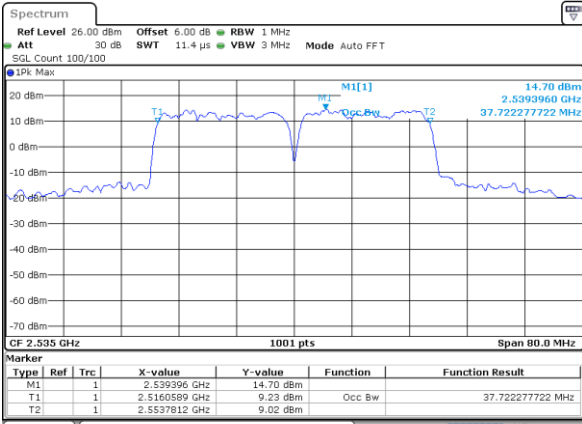


Date: 23_JUL_2024 05:14:15



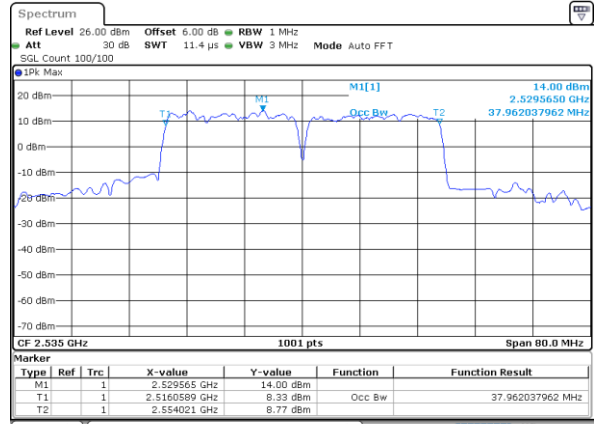
LTE Band 7

Middle Channel / 20MHz+20MHz / QPSK



Date: 23_JUL_2024 06:15:49

Middle Channel / 20MHz+20MHz / 16QAM



Date: 23_JUL_2024 06:17:12

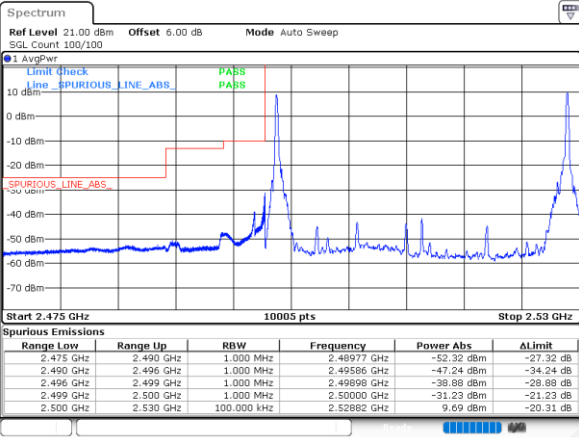


Conducted Band Edge

LTE Band 7 / 10MHz+20MHz

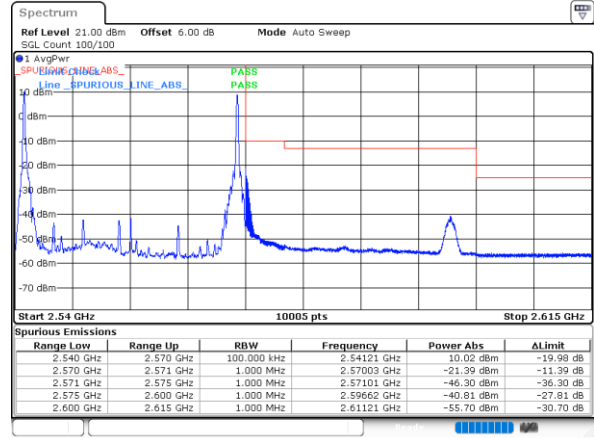
QPSK

Lowest Band Edge / 1RB0 and 1RB9



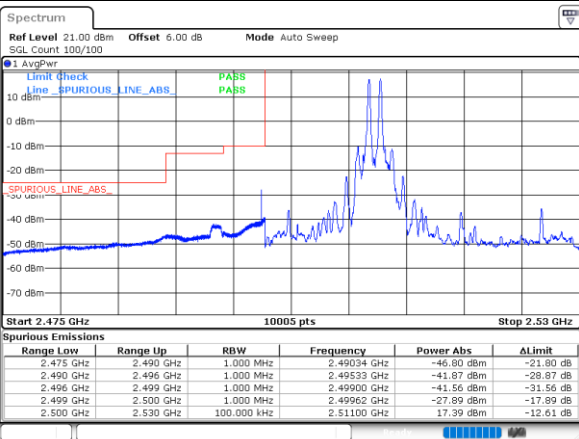
Date: 22_JUL_2024 05:08:03

Highest Band Edge / 1RB0 and 1RB9



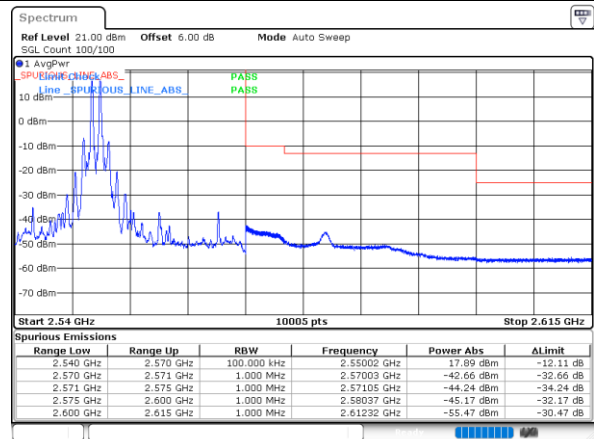
Date: 22_JUL_2024 05:53:31

Lowest Band Edge / 1RB49 and 1RB0



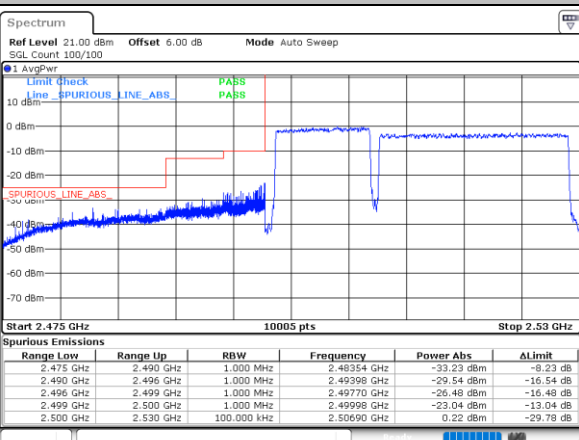
Date: 22_JUL_2024 05:12:03

Highest Band Edge / 1RB49 and 1RB0



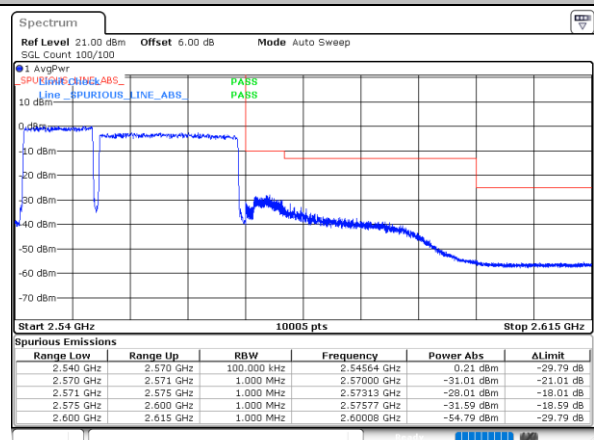
Date: 22_JUL_2024 05:57:30

Lowest Band Edge / Full RB



Date: 22_JUL_2024 05:16:03

Highest Band Edge / Full RB



Date: 22_JUL_2024 06:01:29

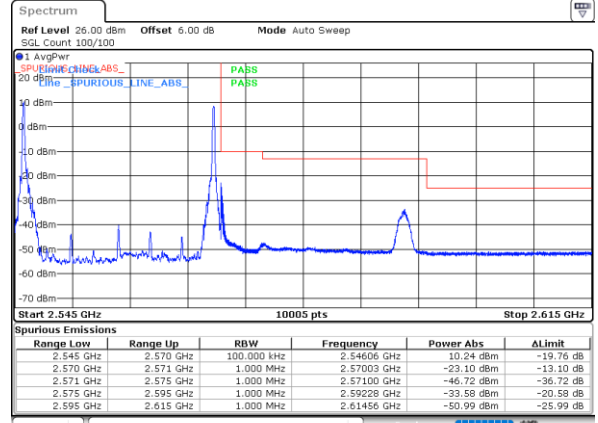
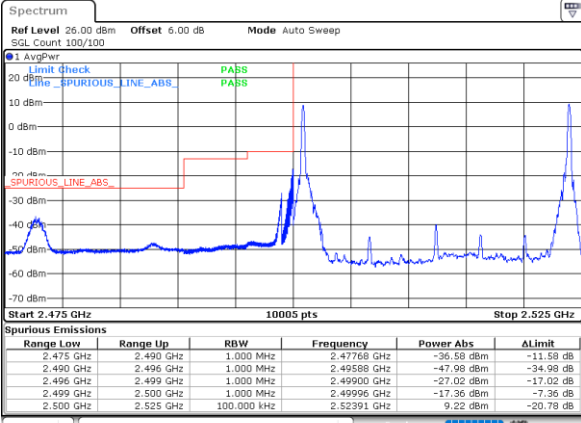


LTE Band 7 / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

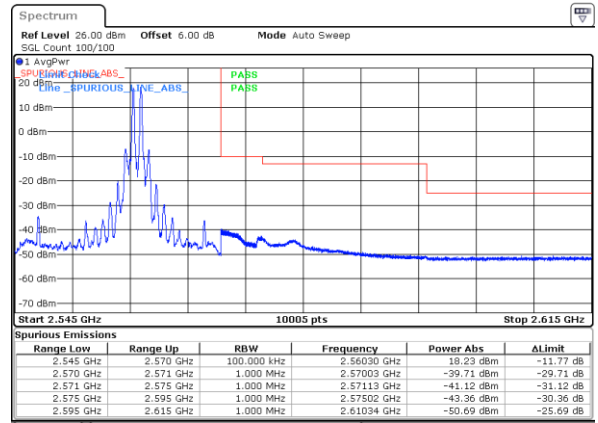
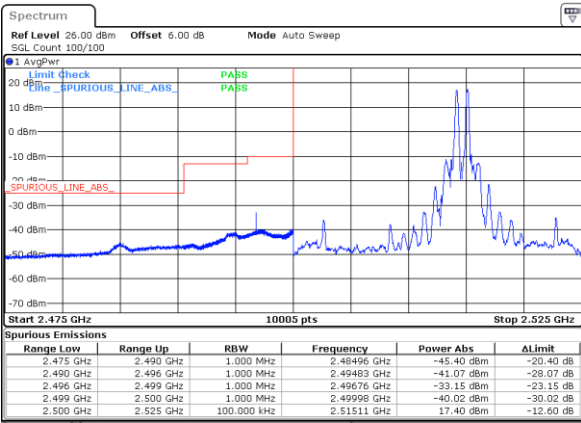


Date: 22_JUL_2024 06:07:06

Date: 22_JUL_2024 06:56:55

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

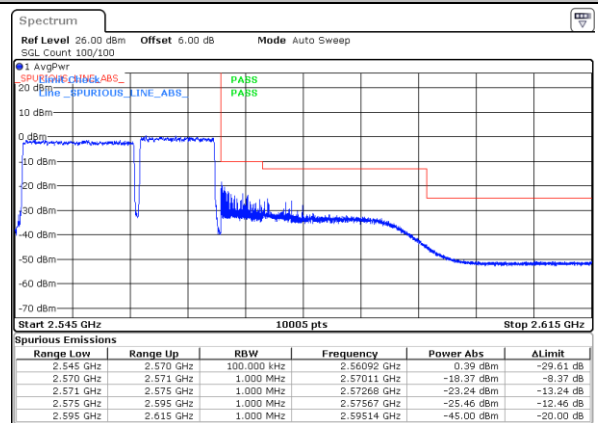
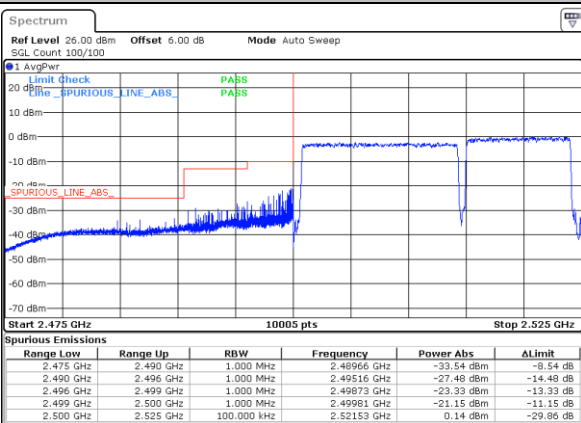


Date: 22_JUL_2024 06:11:06

Date: 22_JUL_2024 07:00:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22_JUL_2024 06:15:06

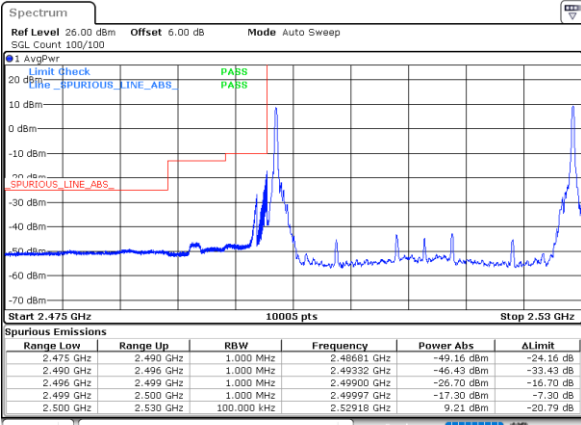
Date: 22_JUL_2024 07:04:52



LTE Band 7 / 15MHz+15MHz

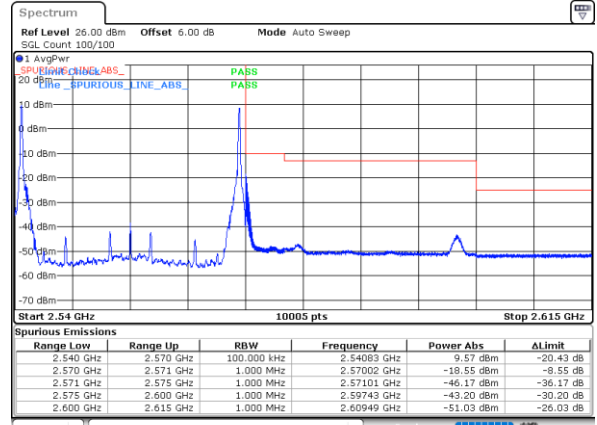
QPSK

Lowest Band Edge / 1RB0 and 1RB74



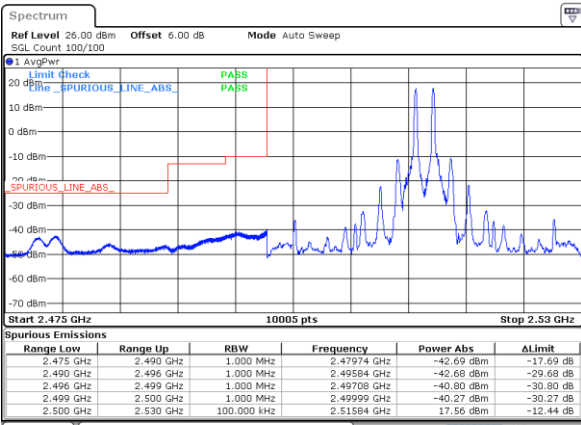
Date: 22_JUL_2024 07:10:23

Highest Band Edge / 1RB0 and 1RB74



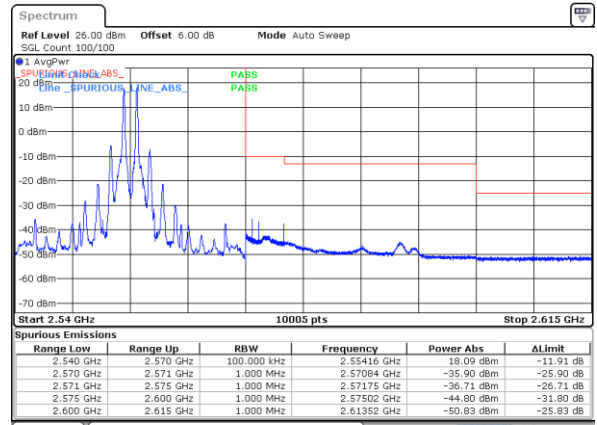
Date: 23_JUL_2024 04:14:37

Lowest Band Edge / 1RB74 and 1RB0



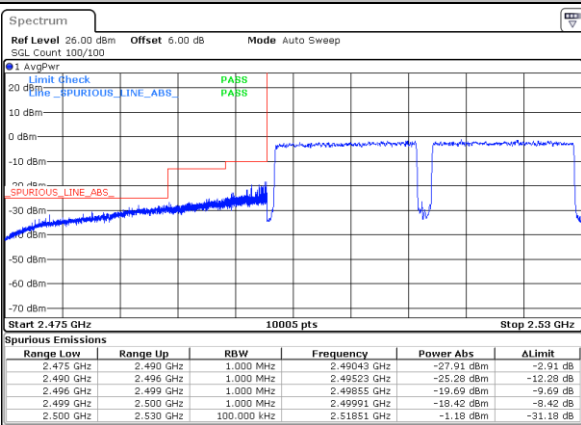
Date: 22_JUL_2024 07:14:15

Highest Band Edge / 1RB74 and 1RB0



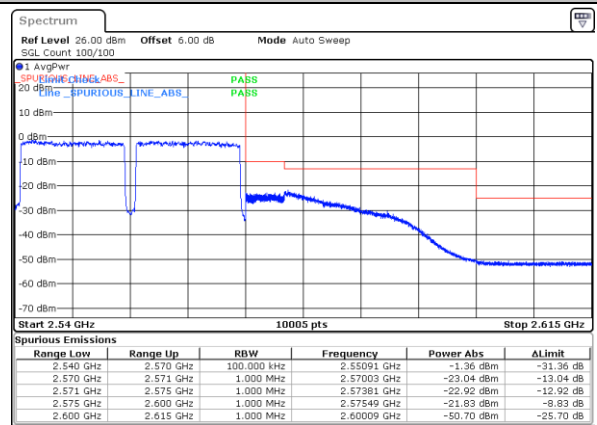
Date: 23_JUL_2024 04:14:29

Lowest Band Edge / Full RB



Date: 22_JUL_2024 07:18:06

Highest Band Edge / Full RB



Date: 23_JUL_2024 04:22:20

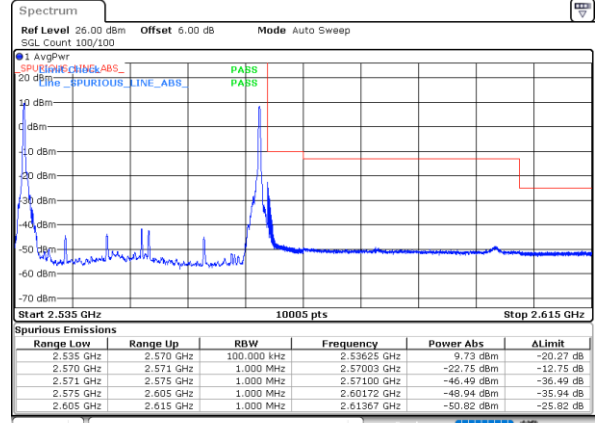
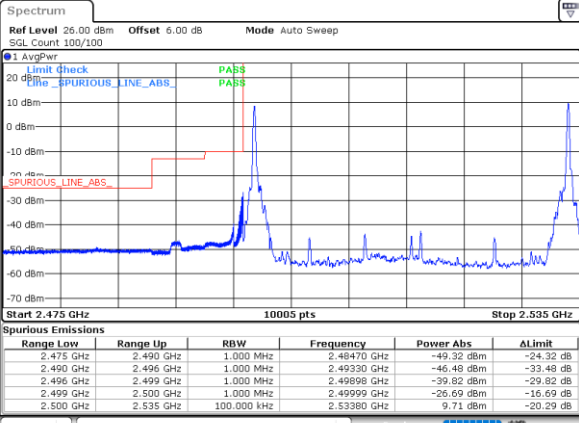


LTE Band 7 / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

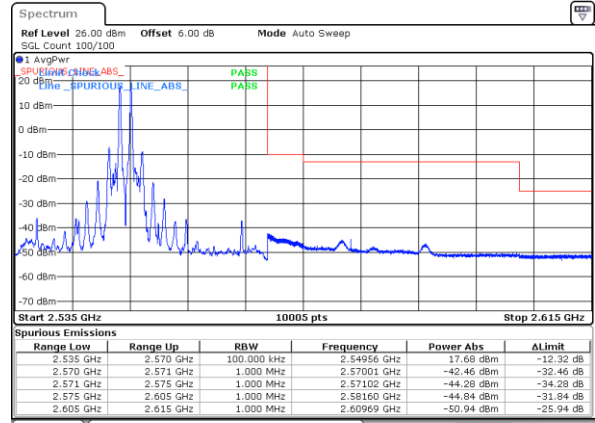
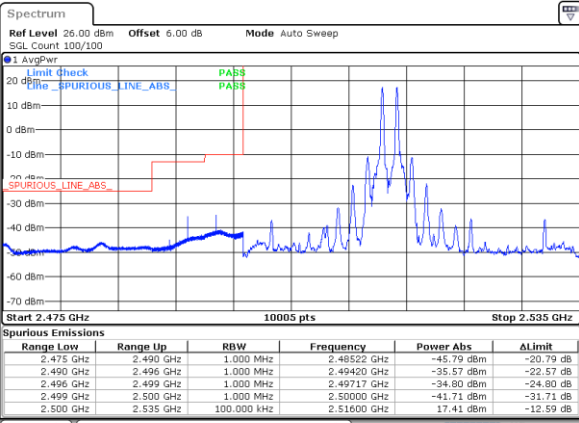


Date: 23_JUL_2024 04:28:13

Date: 23_JUL_2024 04:46:11

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

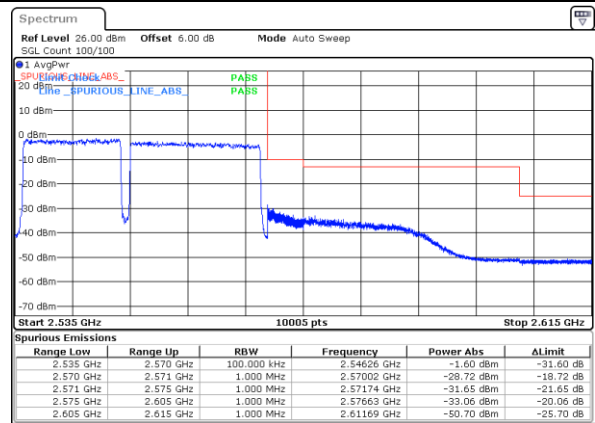
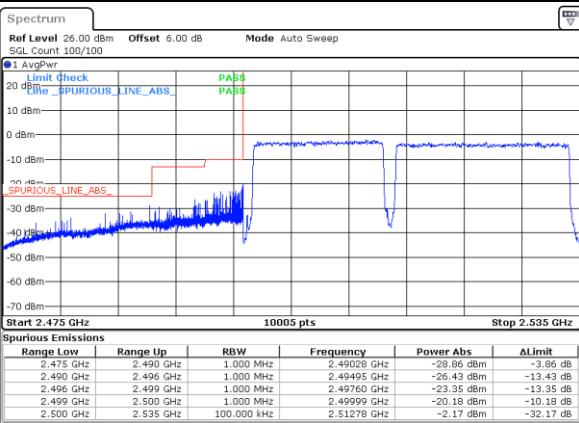


Date: 23_JUL_2024 04:32:13

Date: 23_JUL_2024 04:50:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23_JUL_2024 04:36:13

Date: 23_JUL_2024 04:54:08

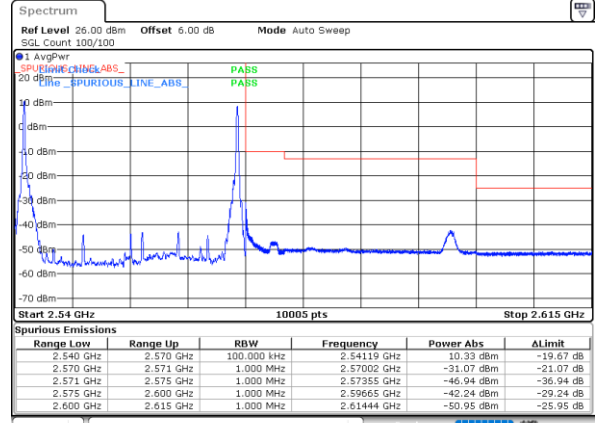
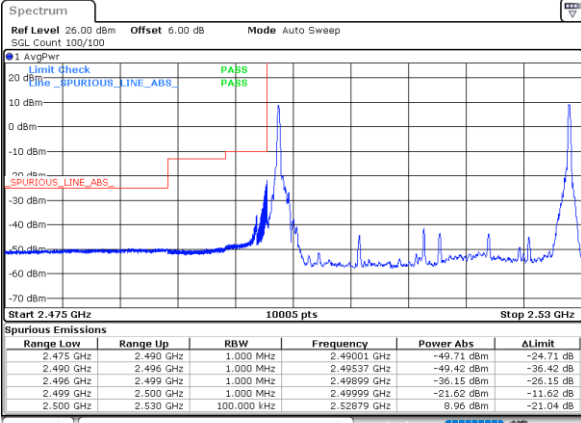


LTE Band 7 / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

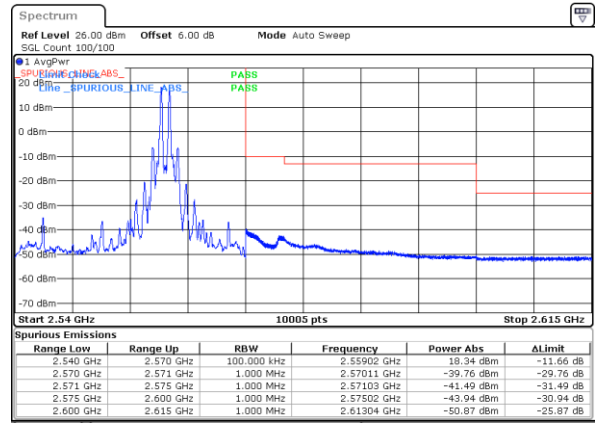
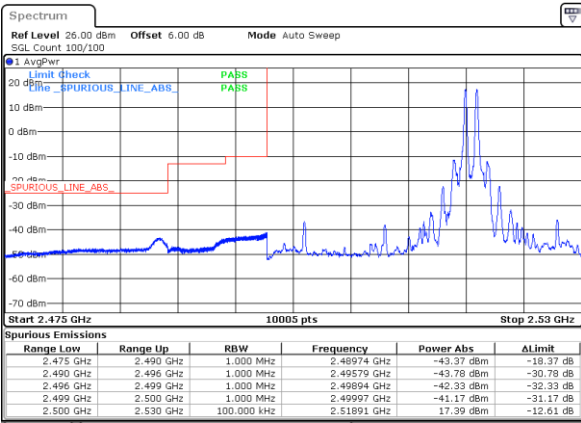


Date: 23_JUL_2024 04:59:45

Date: 23_JUL_2024 05:17:44

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

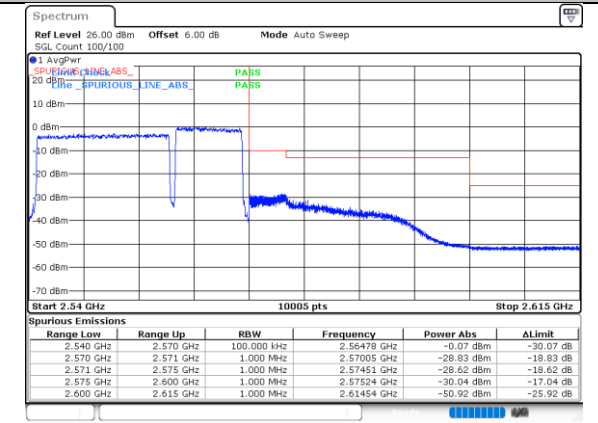
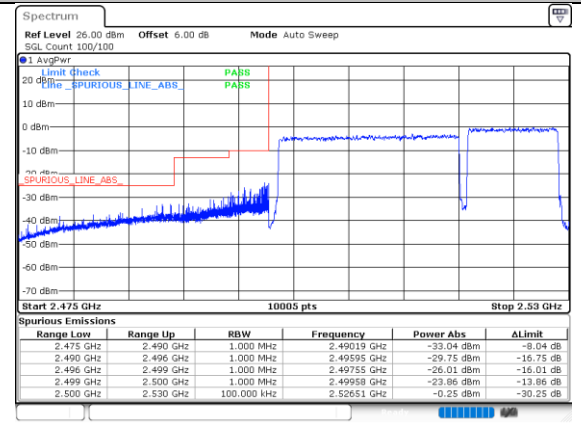


Date: 23_JUL_2024 05:03:45

Date: 23_JUL_2024 05:21:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23_JUL_2024 05:07:45

Date: 23_JUL_2024 05:25:42

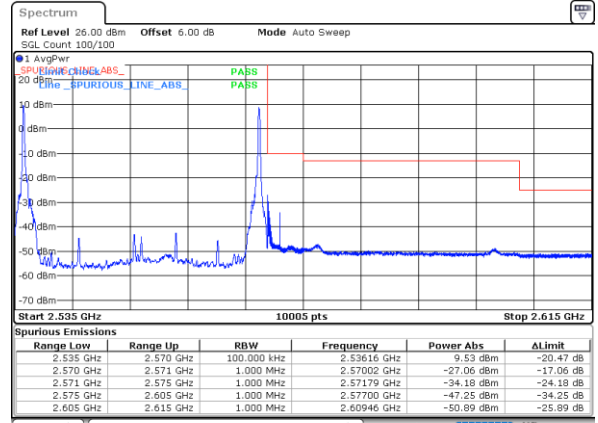
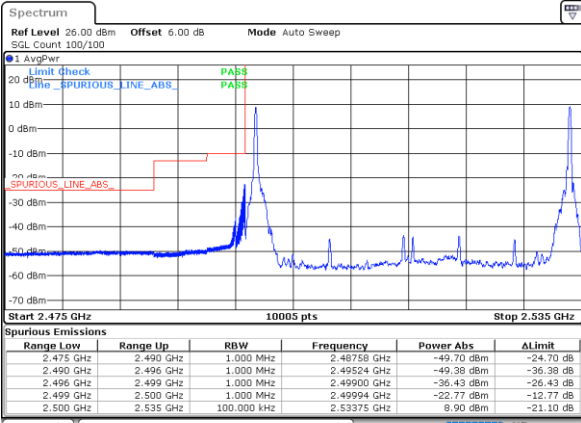


LTE Band 7 / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

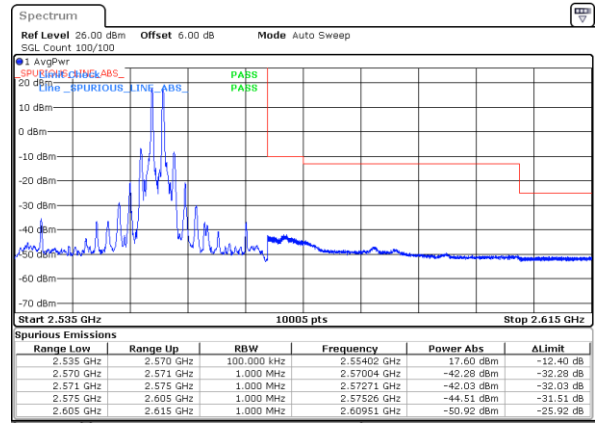
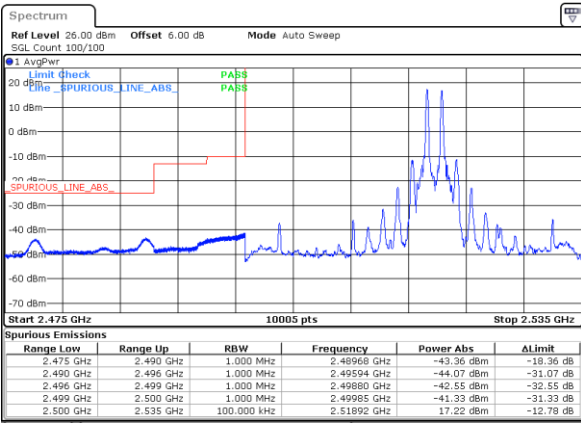


Date: 23_JUL_2024 05:31:16

Date: 23_JUL_2024 05:49:13

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

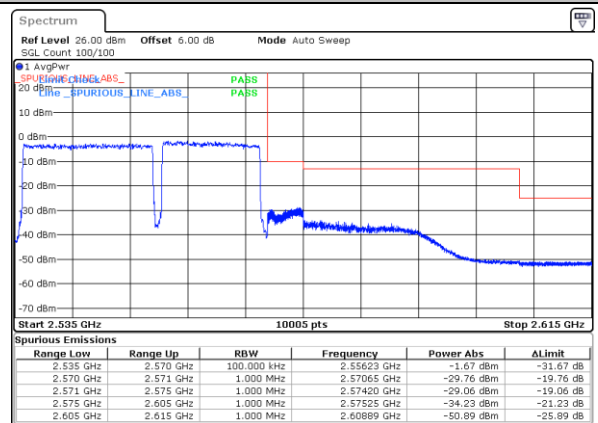
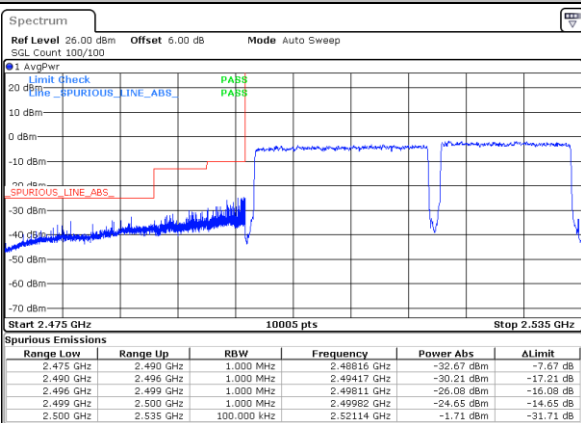


Date: 23_JUL_2024 05:35:16

Date: 23_JUL_2024 05:53:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23_JUL_2024 05:39:16

Date: 23_JUL_2024 05:57:10

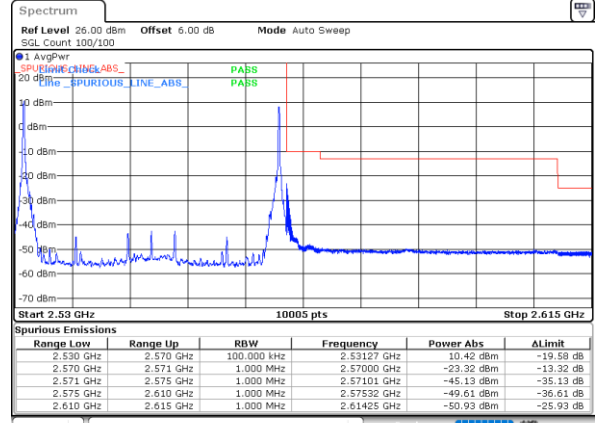
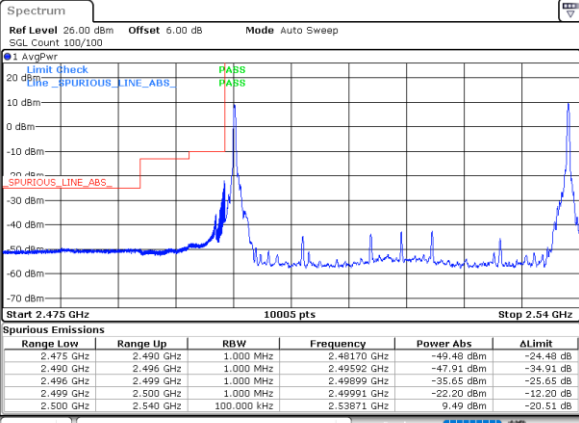


LTE Band 7 / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

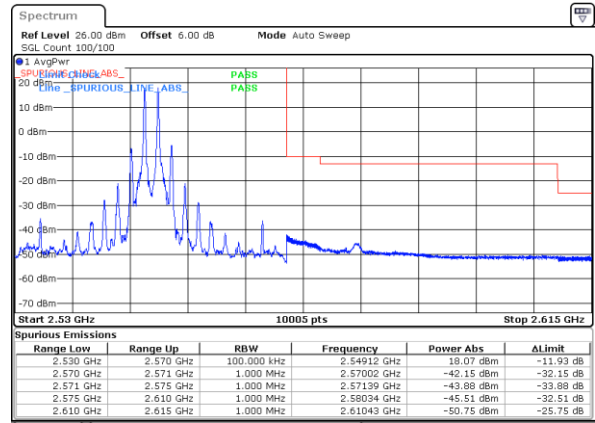
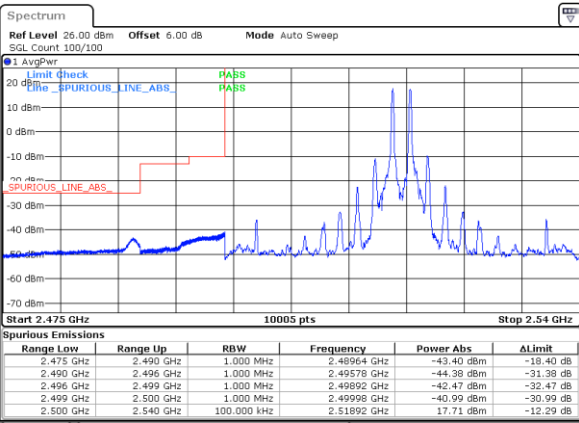


Date: 23_JUL_2024 06:02:41

Date: 23_JUL_2024 06:20:06

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

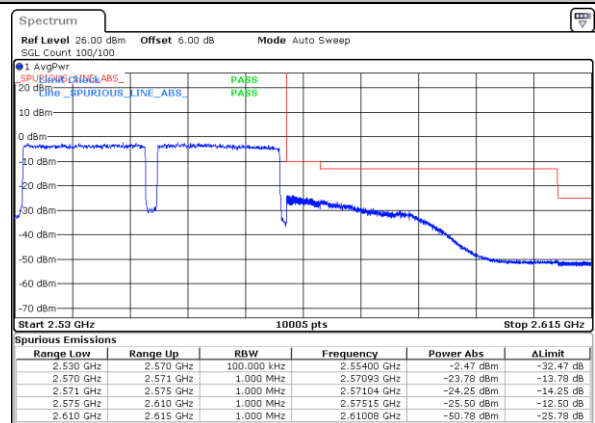
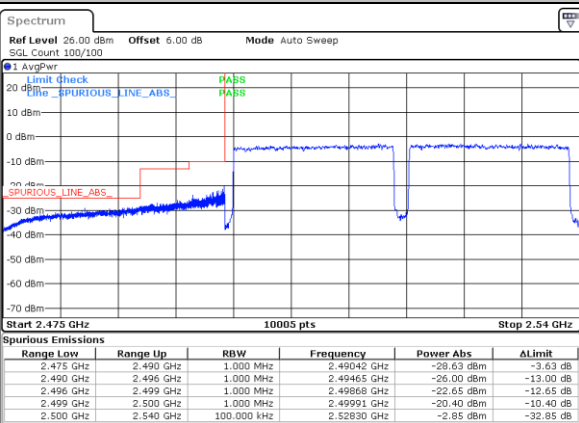


Date: 23_JUL_2024 06:06:33

Date: 23_JUL_2024 06:23:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23_JUL_2024 06:10:25

Date: 23_JUL_2024 06:27:48

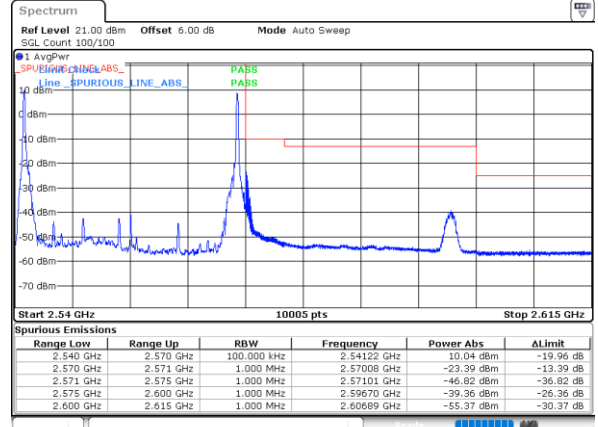
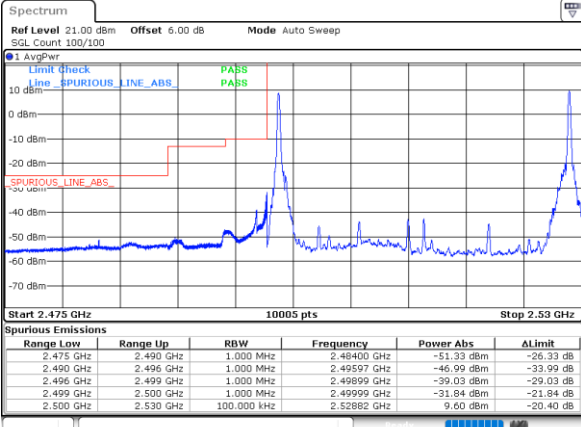


LTE Band 7 / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

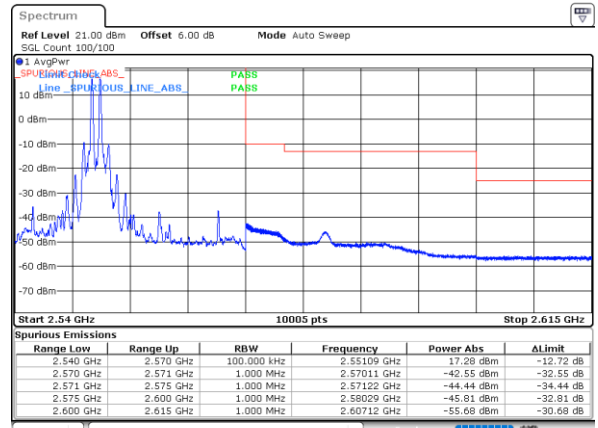
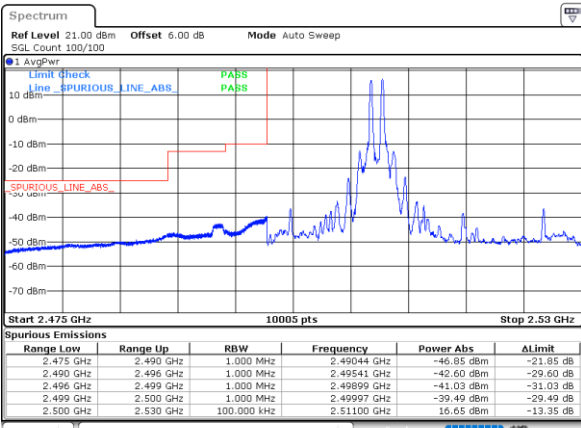


Date: 22_JUL_2024 05:09:03

Date: 22_JUL_2024 05:14:30

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

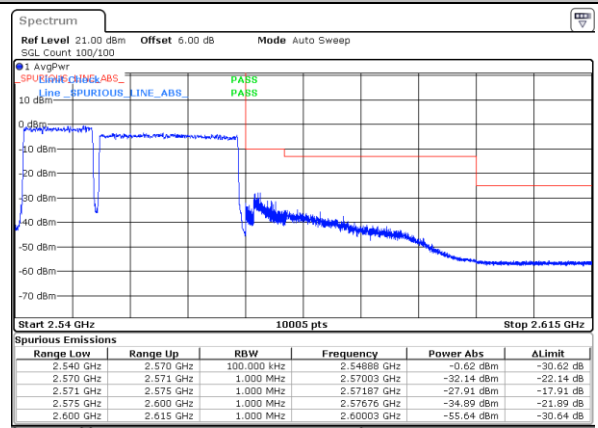
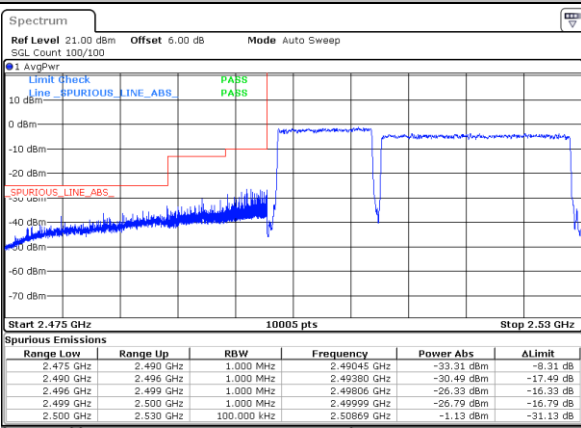


Date: 22_JUL_2024 05:13:03

Date: 22_JUL_2024 05:15:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22_JUL_2024 05:17:03

Date: 22_JUL_2024 06:02:28

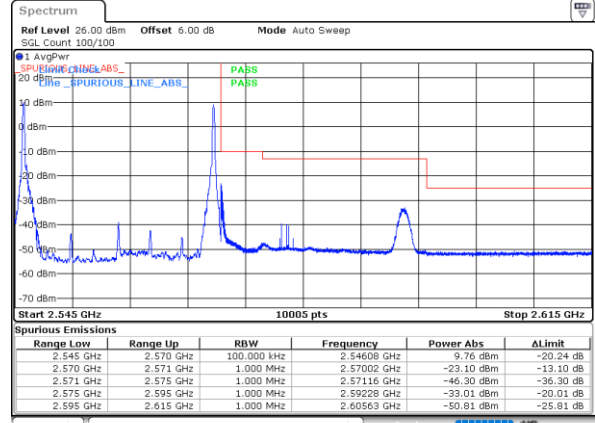
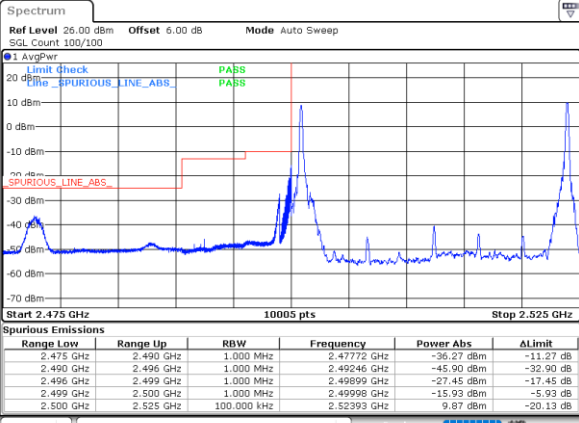


LTE Band 7 / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

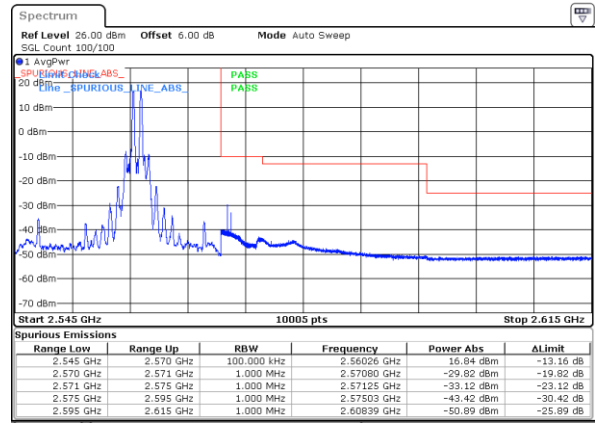
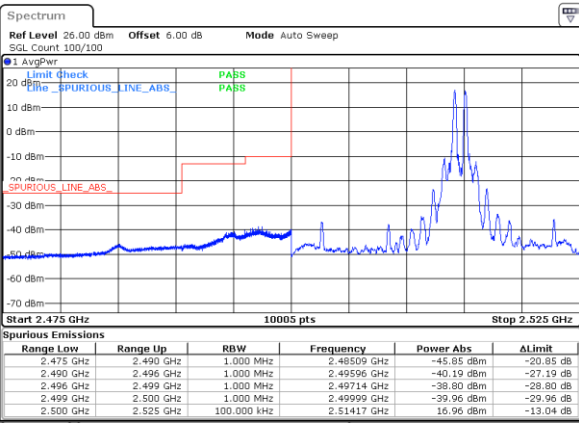


Date: 22_JUL_2024 06:08:06

Date: 22_JUL_2024 06:57:55

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

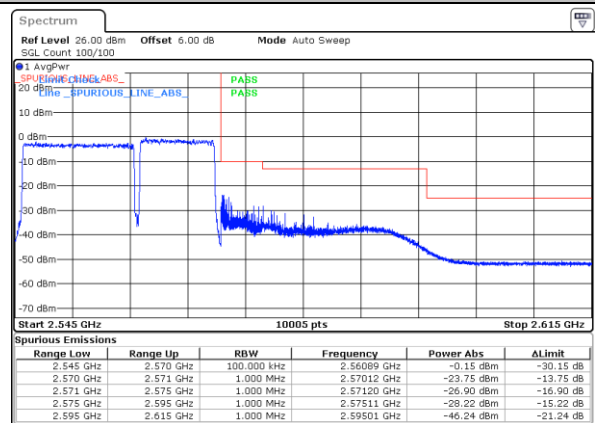
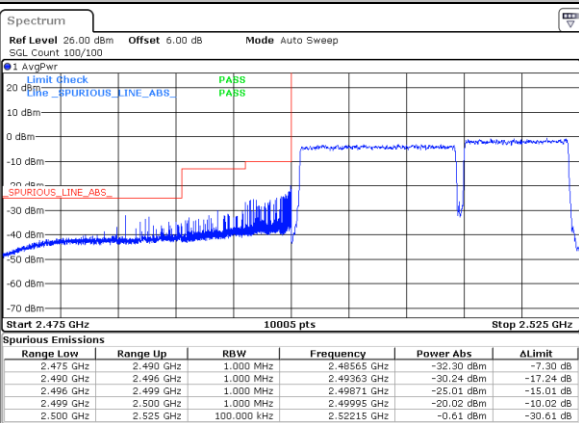


Date: 22_JUL_2024 06:12:06

Date: 22_JUL_2024 07:01:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22_JUL_2024 06:16:06

Date: 22_JUL_2024 07:05:52

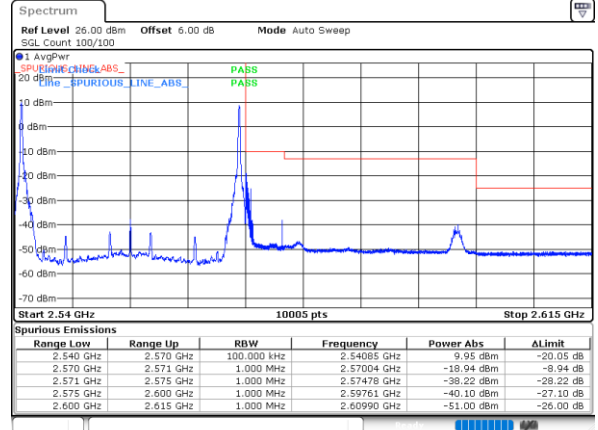
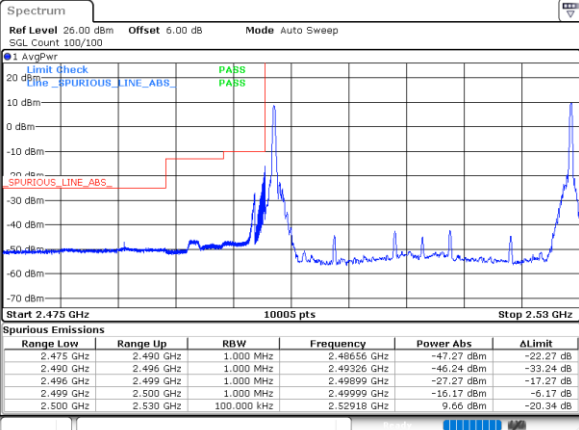


LTE Band 7 / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

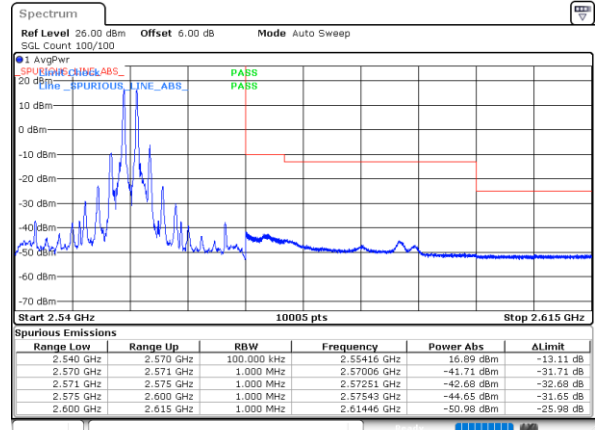
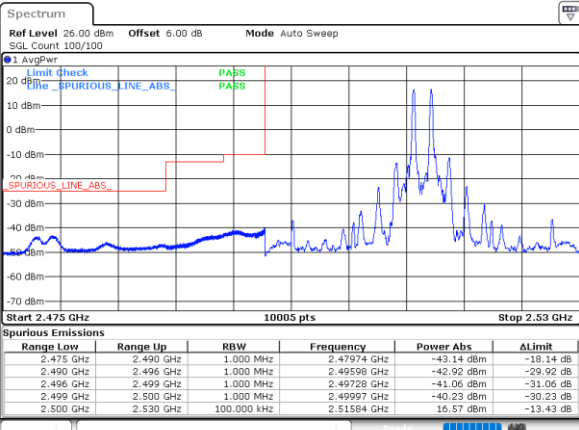


Date: 22_JUL_2024 07:11:21

Date: 23_JUL_2024 04:15:34

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

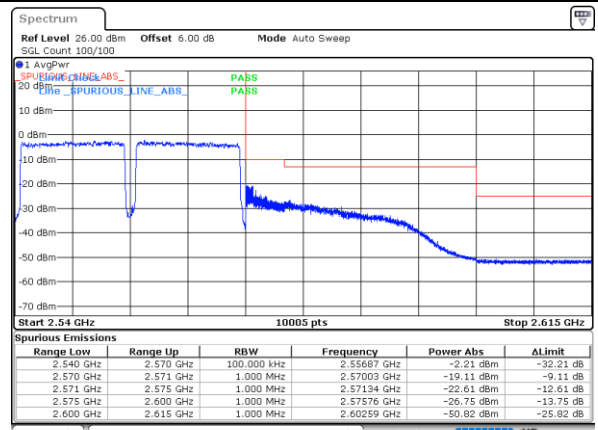
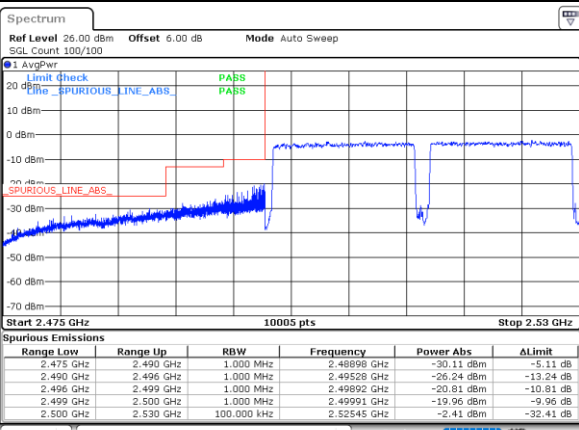


Date: 22_JUL_2024 07:15:13

Date: 23_JUL_2024 04:15:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22_JUL_2024 07:19:06

Date: 23_JUL_2024 04:23:17

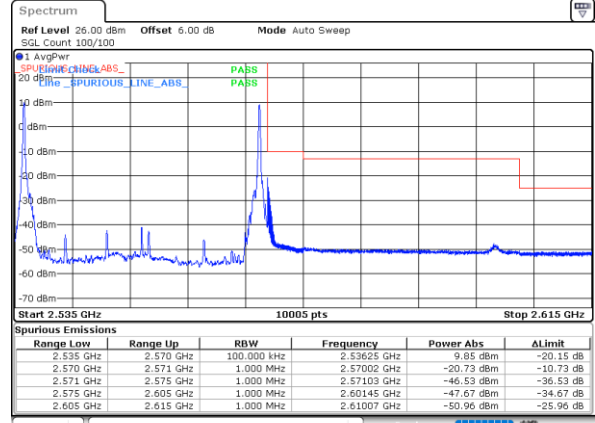
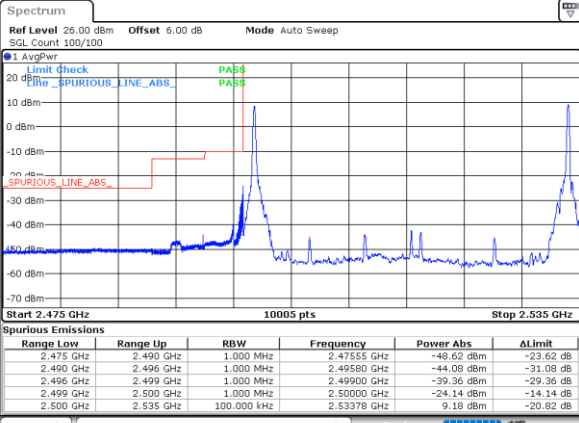


LTE Band 7 / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

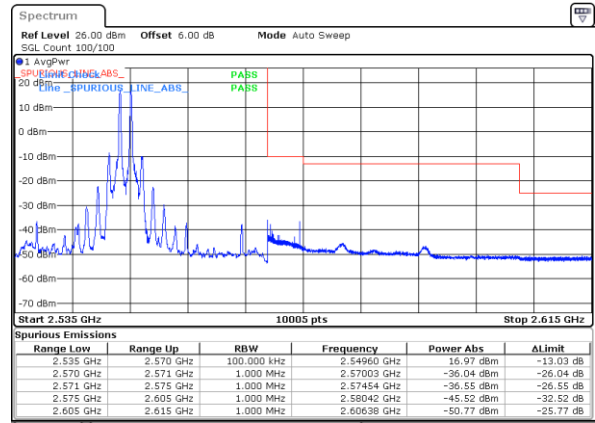
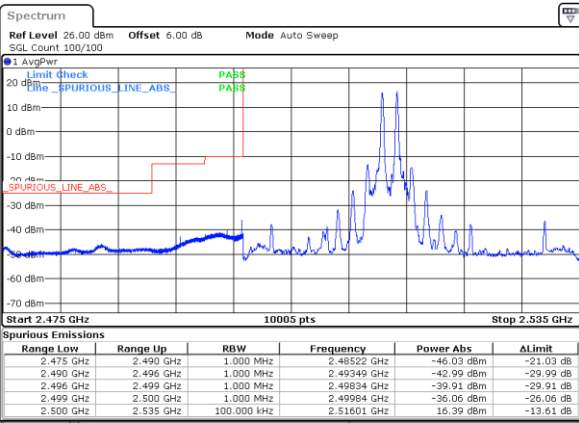


Date: 23_JUL_2024 04:29:13

Date: 23_JUL_2024 04:47:11

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

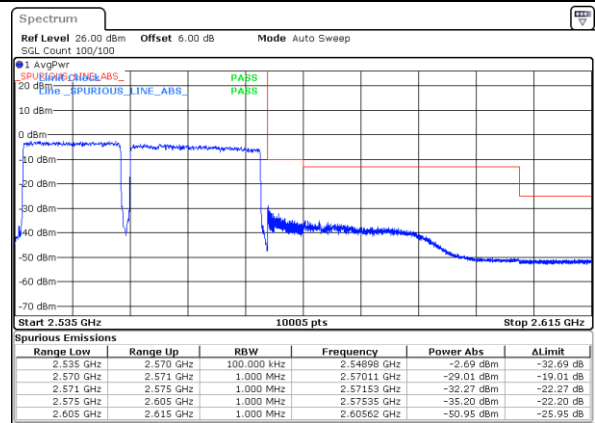
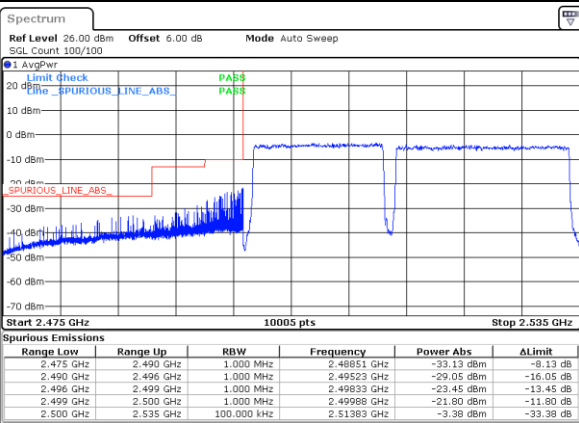


Date: 23_JUL_2024 04:33:12

Date: 23_JUL_2024 04:51:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 23_JUL_2024 04:37:13

Date: 23_JUL_2024 04:55:08