

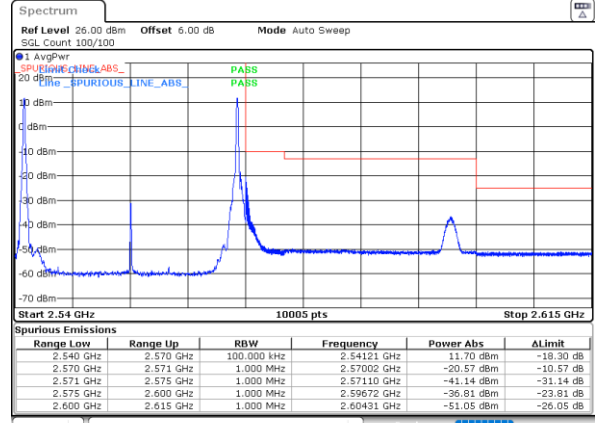
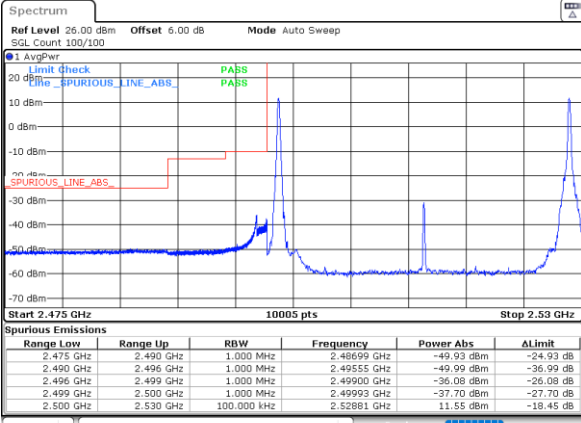


LTE Band 7 / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

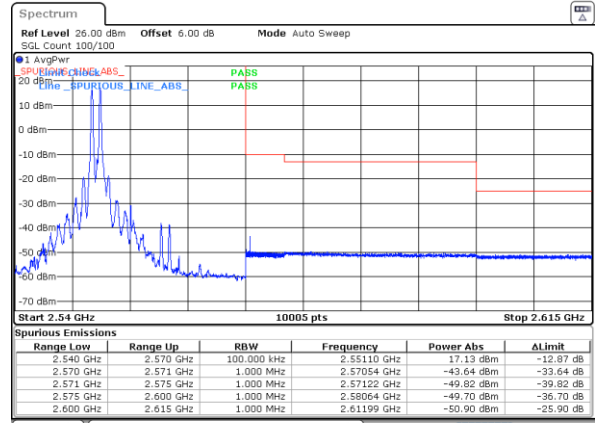
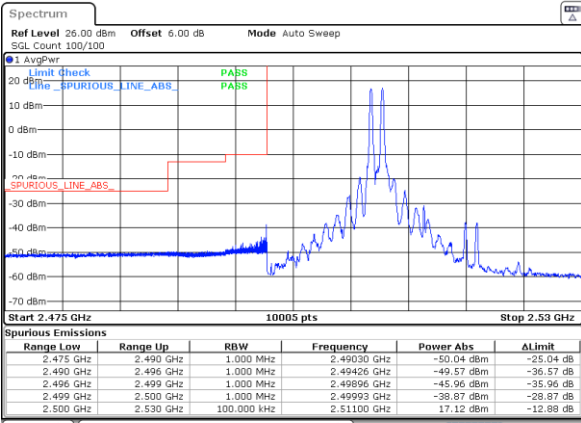


Date: 2, DEC, 2024 14:06:01

Date: 2, DEC, 2024 14:19:56

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

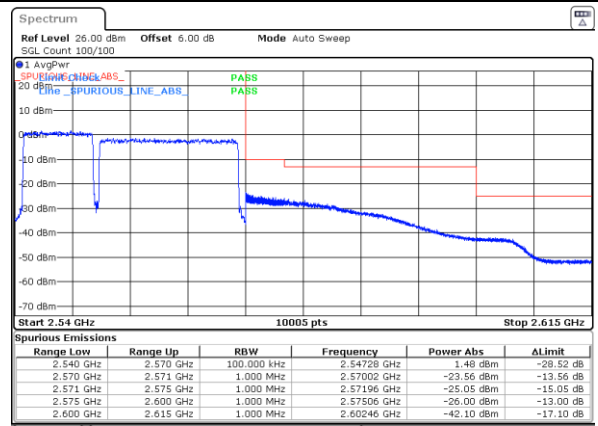
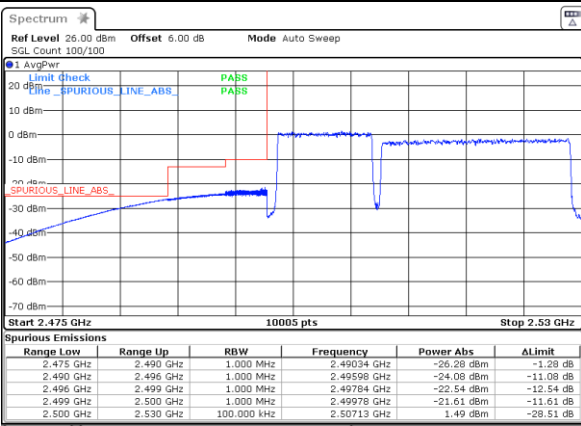


Date: 2, DEC, 2024 14:09:36

Date: 2, DEC, 2024 14:23:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 18:26:10

Date: 2, DEC, 2024 14:27:05

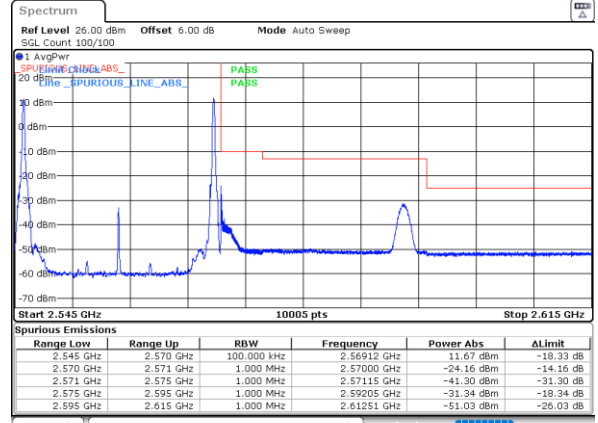
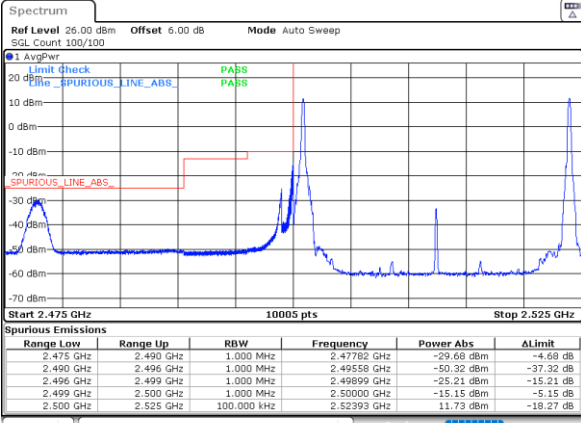


LTE Band 7 / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

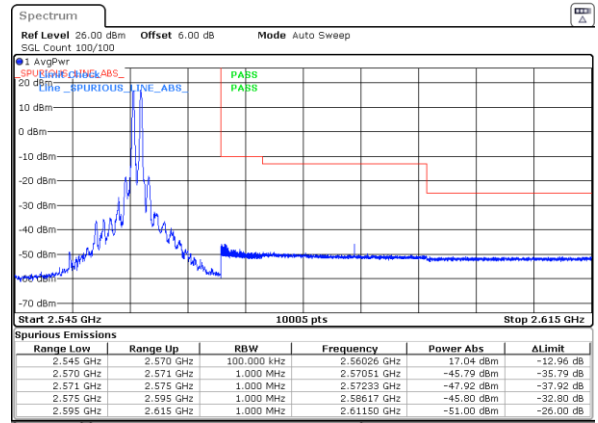
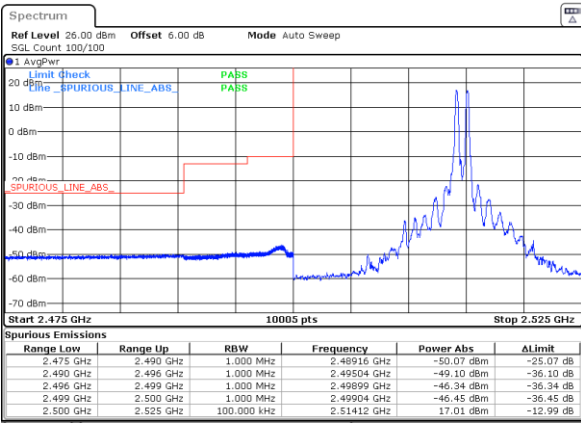


Date: 2, DEC, 2024 14:13:15

Date: 2, DEC, 2024 14:18:11

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

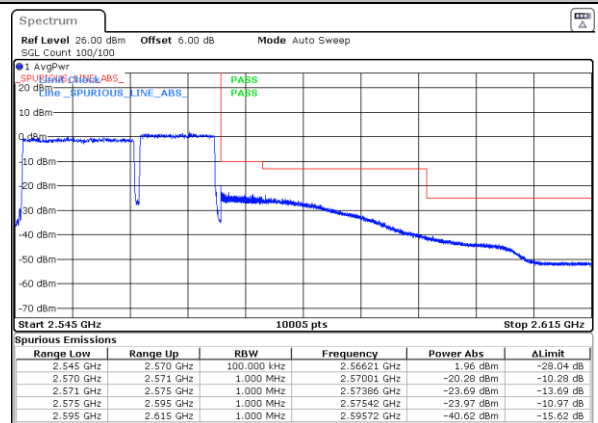
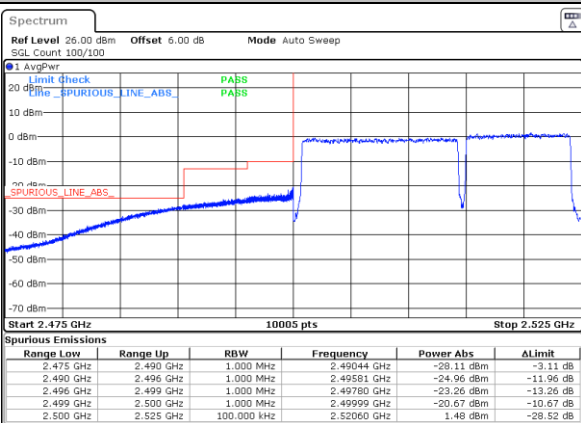


Date: 2, DEC, 2024 14:13:52

Date: 2, DEC, 2024 14:51:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 14:41:28

Date: 2, DEC, 2024 14:55:18

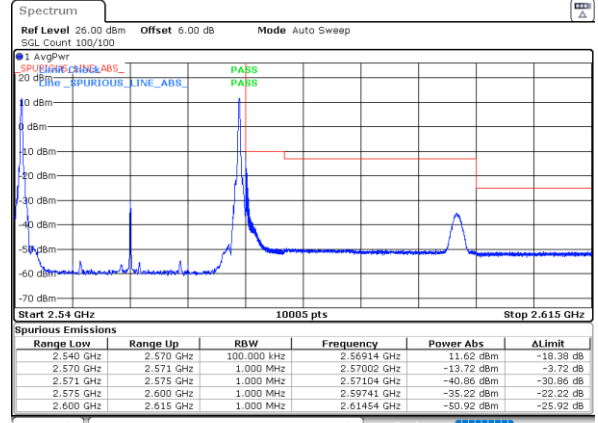
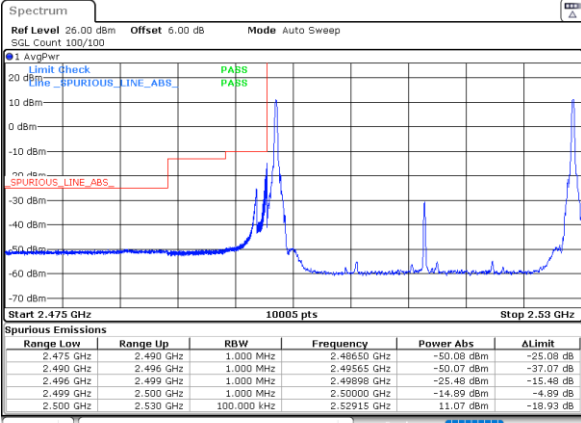


LTE Band 7 / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

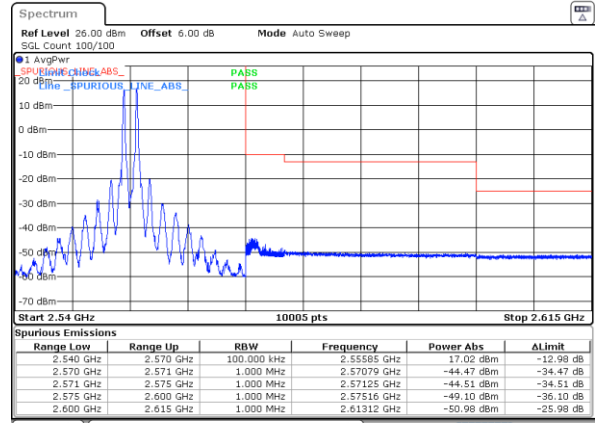
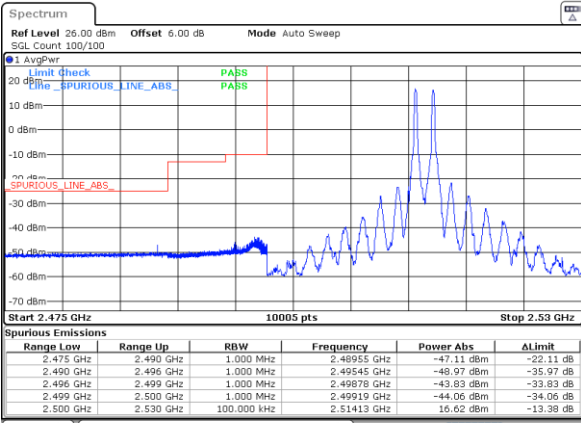


Date: 2, DEC, 2024 15:05:54

Date: 2, DEC, 2024 15:19:49

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

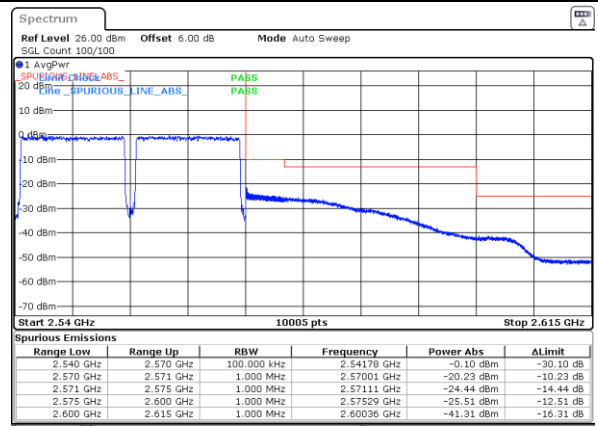
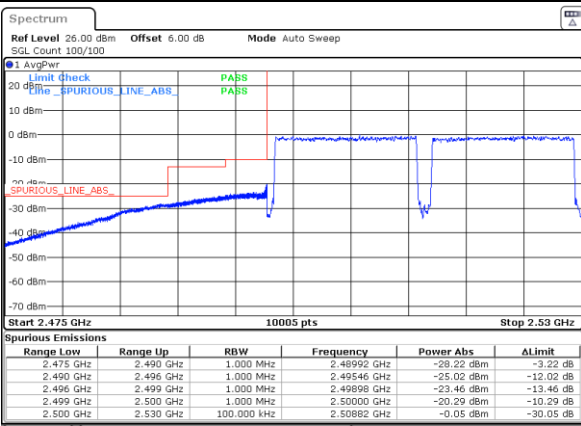


Date: 2, DEC, 2024 15:09:31

Date: 2, DEC, 2024 15:23:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 15:13:05

Date: 2, DEC, 2024 15:26:59

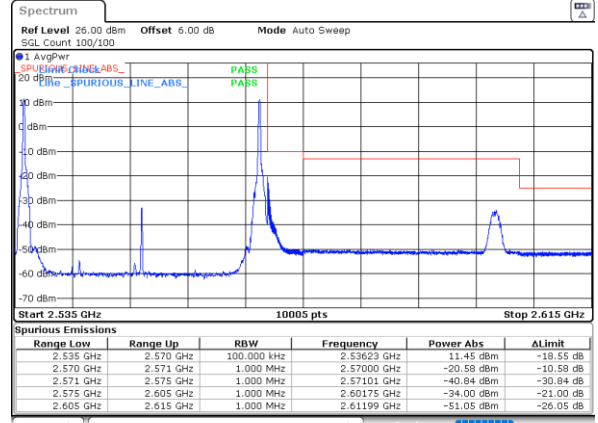
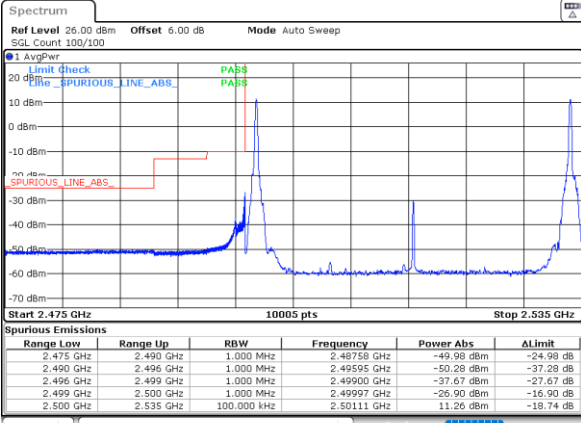


LTE Band 7 / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

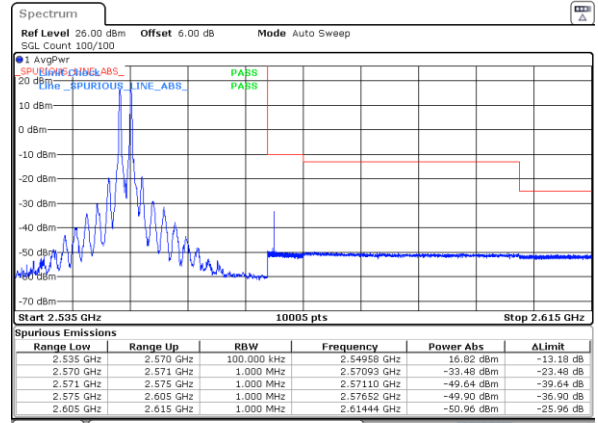
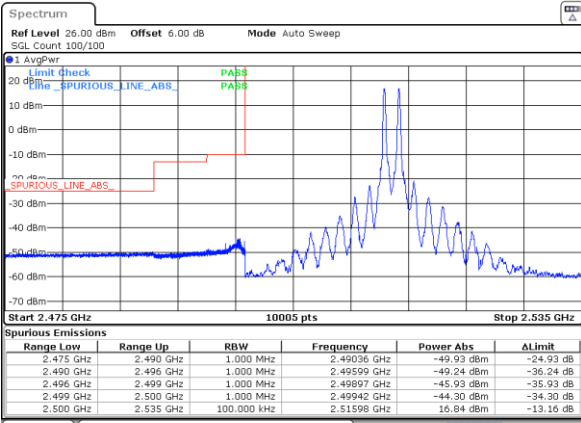


Date: 2, DEC, 2024 15:37:28

Date: 2, DEC, 2024 15:51:28

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

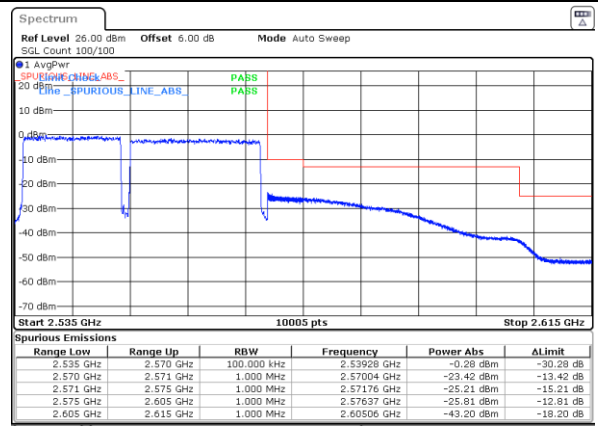
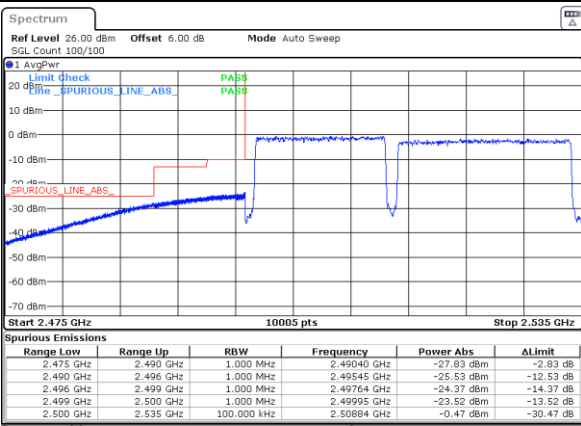


Date: 2, DEC, 2024 15:41:04

Date: 2, DEC, 2024 15:55:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 15:44:42

Date: 2, DEC, 2024 15:58:40

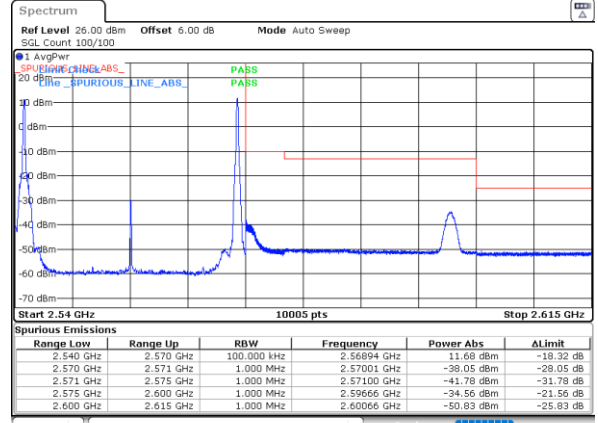
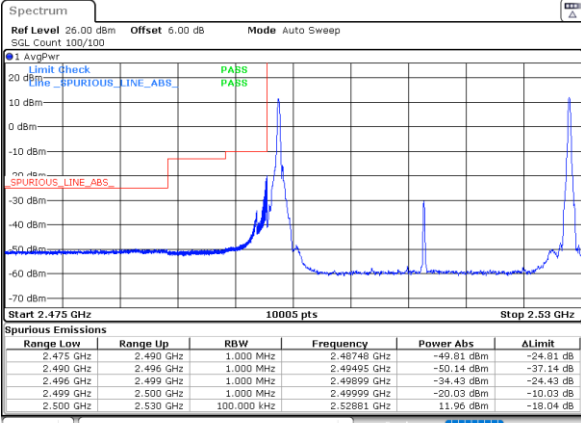


LTE Band 7 / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

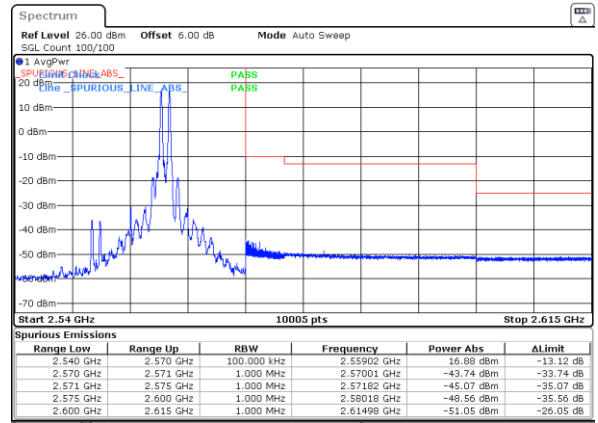
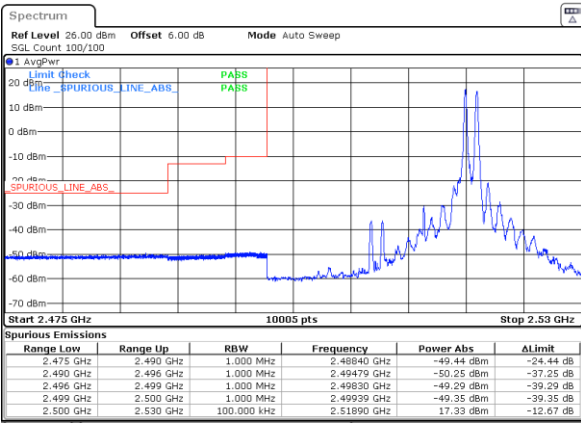


Date: 2, DEC, 2024 16:48:57

Date: 2, DEC, 2024 17:02:43

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

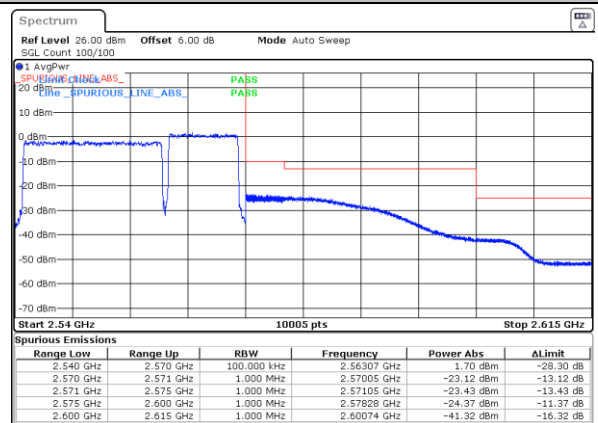
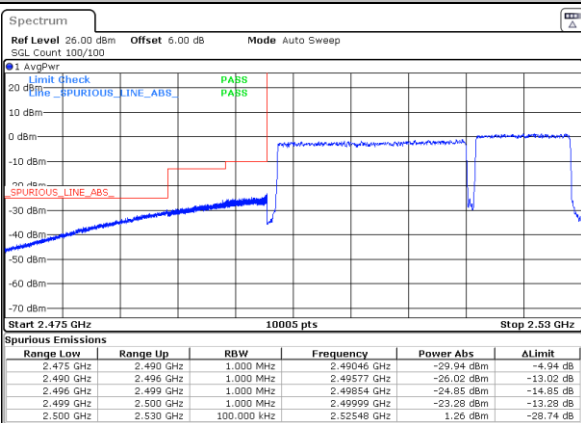


Date: 2, DEC, 2024 16:52:34

Date: 2, DEC, 2024 17:05:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 16:56:10

Date: 2, DEC, 2024 17:09:16

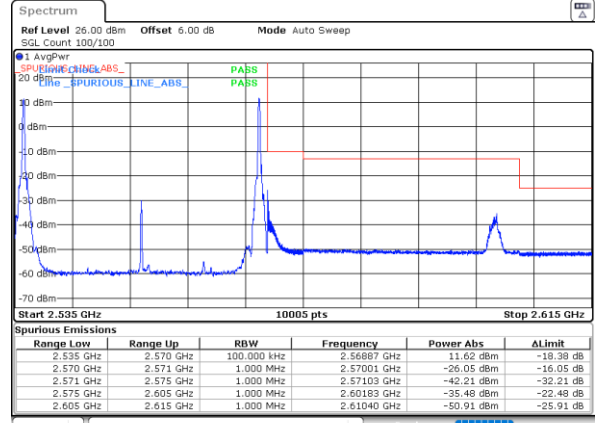
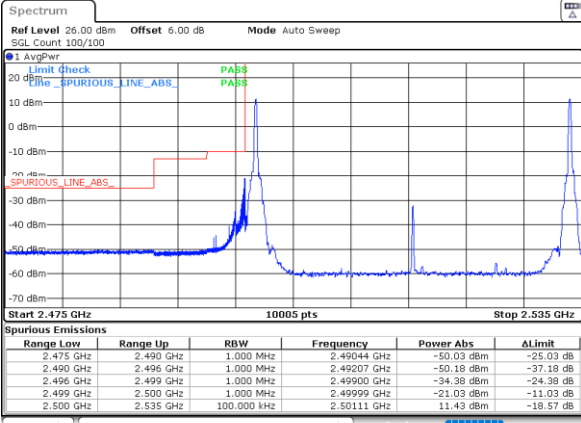


LTE Band 7 / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

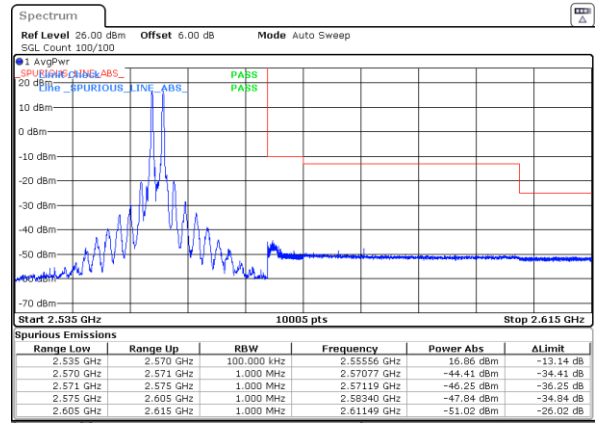
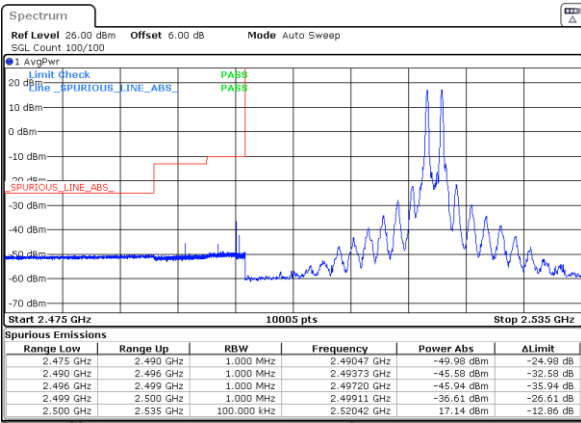


Date: 2, DEC, 2024 17:16:05

Date: 2, DEC, 2024 17:28:57

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

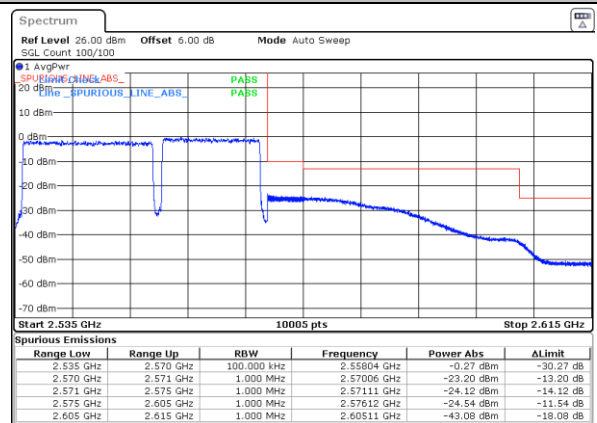
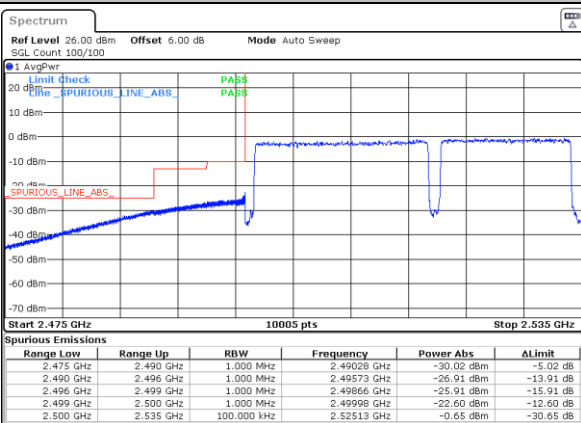


Date: 2, DEC, 2024 17:19:19

Date: 2, DEC, 2024 17:32:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 17:22:16

Date: 2, DEC, 2024 17:35:26

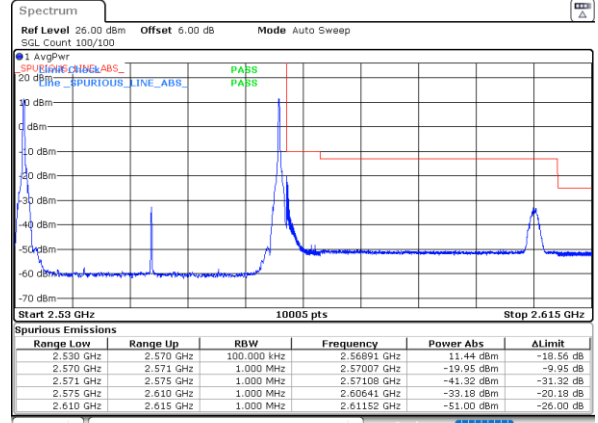
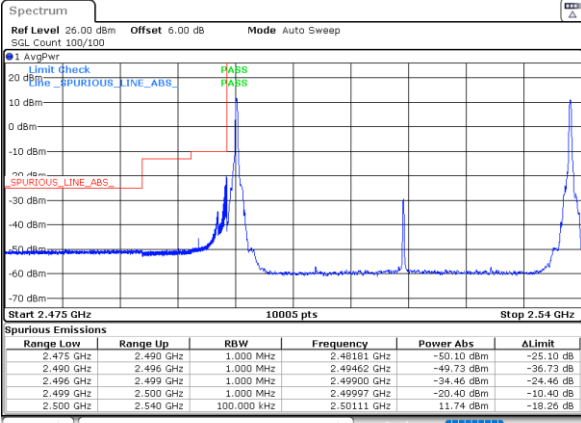


LTE Band 7 / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

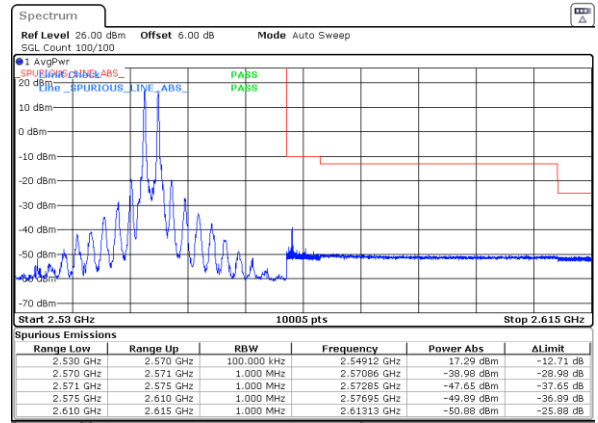
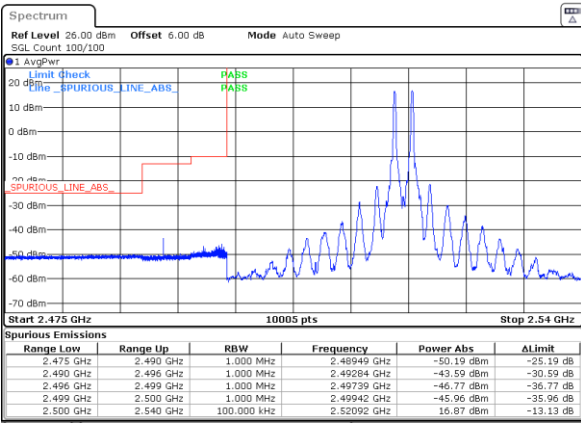


Date: 2, DEC, 2024 17:42:13

Date: 2, DEC, 2024 17:55:09

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

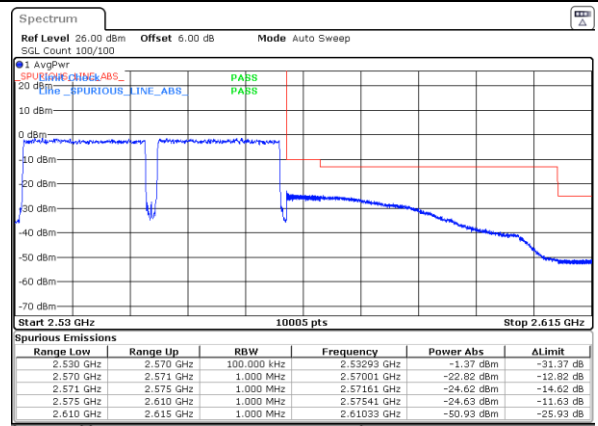
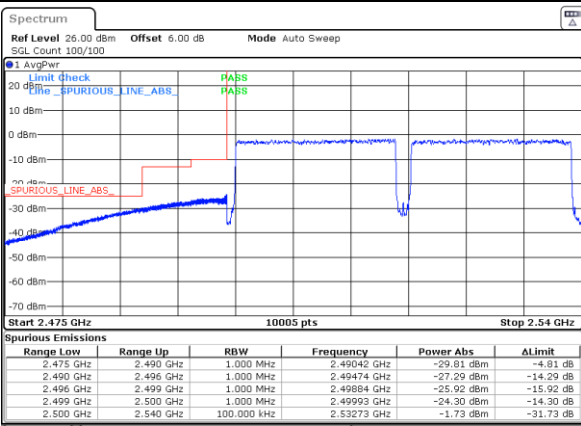


Date: 2, DEC, 2024 17:45:29

Date: 2, DEC, 2024 17:58:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 17:48:45

Date: 2, DEC, 2024 18:01:38

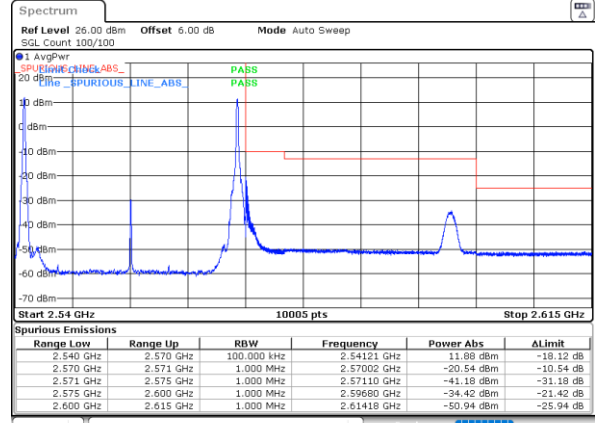
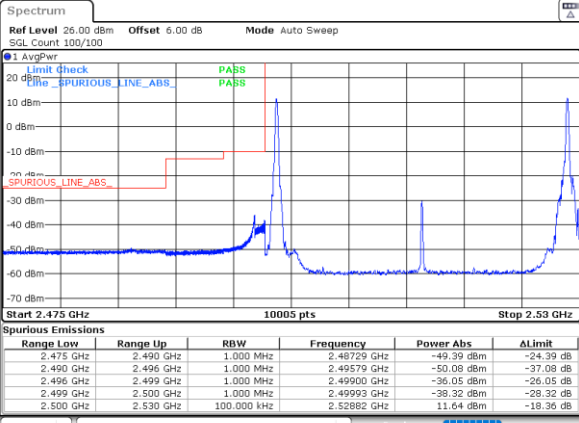


LTE Band 7 / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

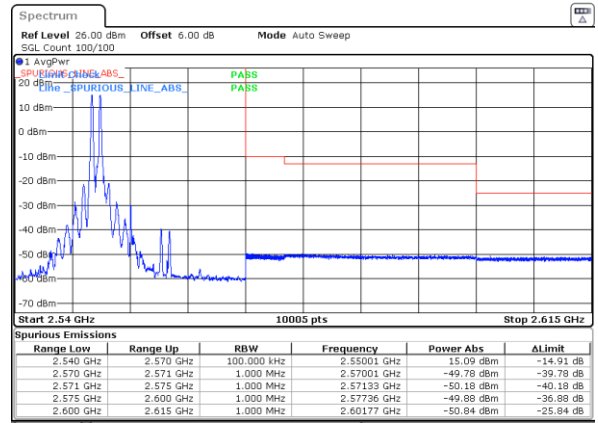
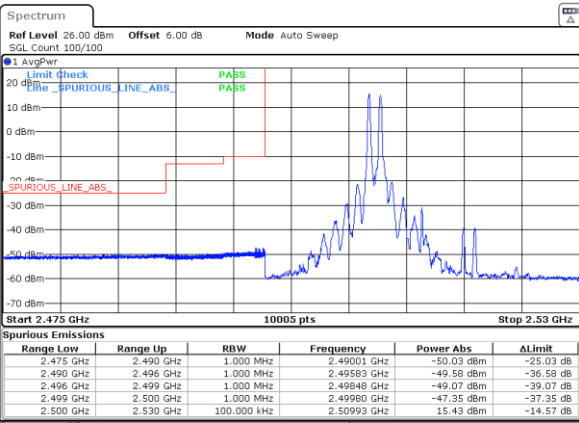


Date: 2, DEC, 2024 14:06:54

Date: 2, DEC, 2024 14:20:48

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

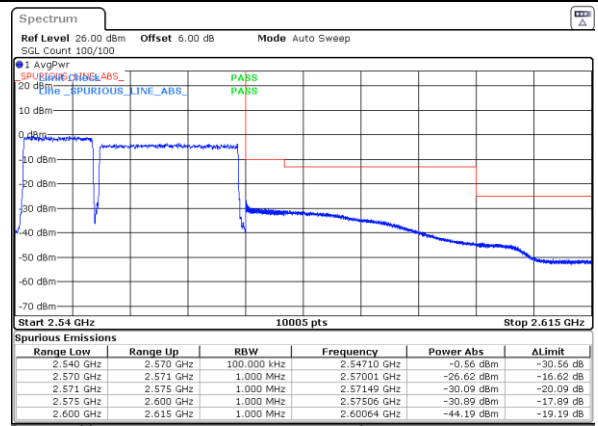
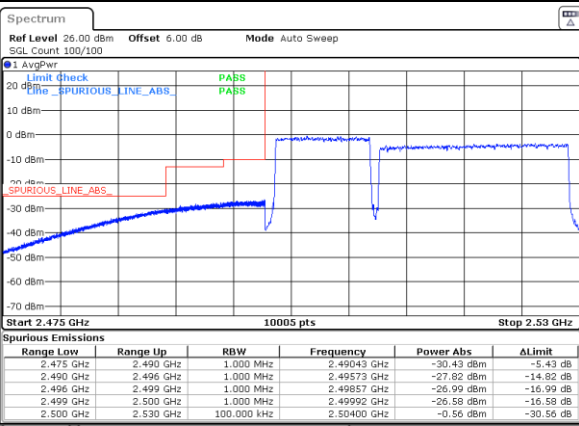


Date: 2, DEC, 2024 14:10:30

Date: 2, DEC, 2024 14:24:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 14:14:07

Date: 2, DEC, 2024 14:27:59

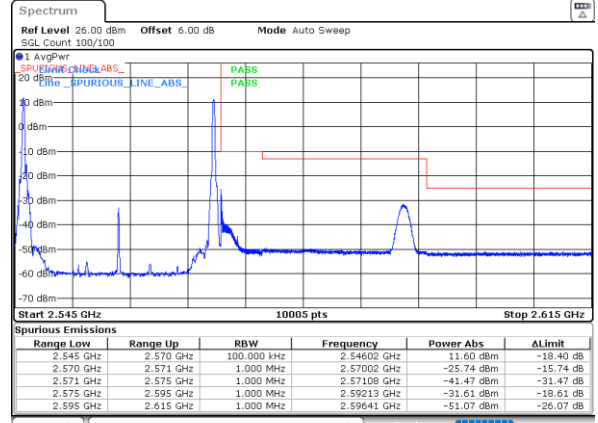
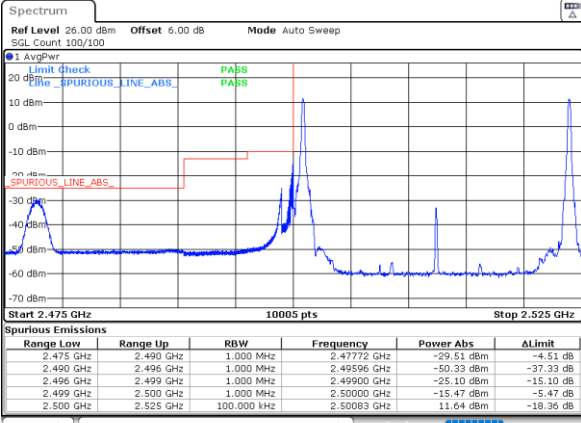


LTE Band 7 / 15MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

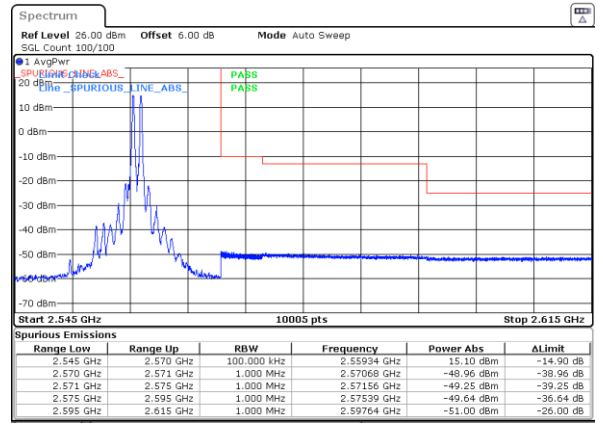
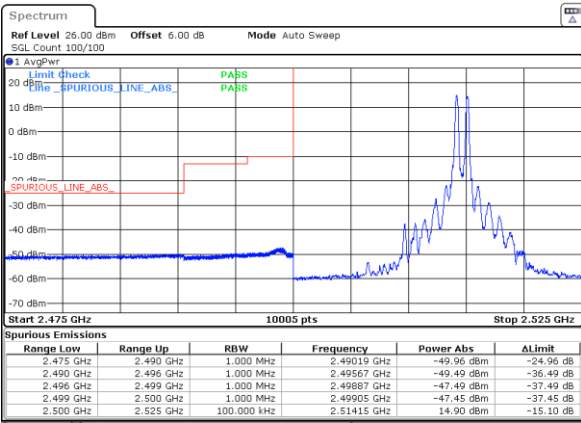


Date: 2, DEC, 2024 14:35:09

Date: 2, DEC, 2024 14:49:05

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

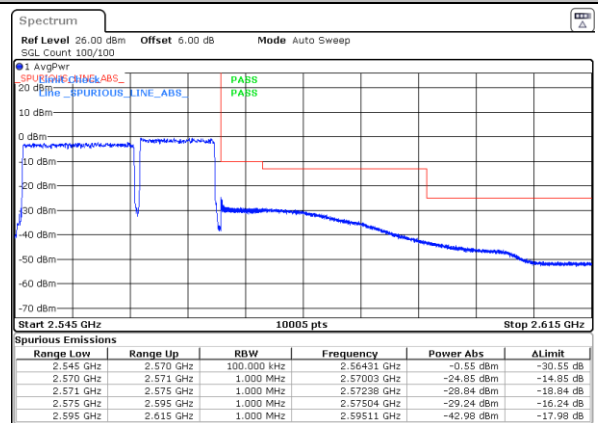
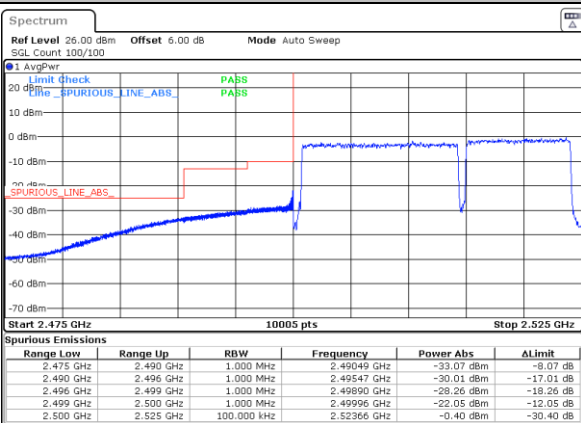


Date: 2, DEC, 2024 14:38:46

Date: 2, DEC, 2024 14:52:38

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 14:42:22

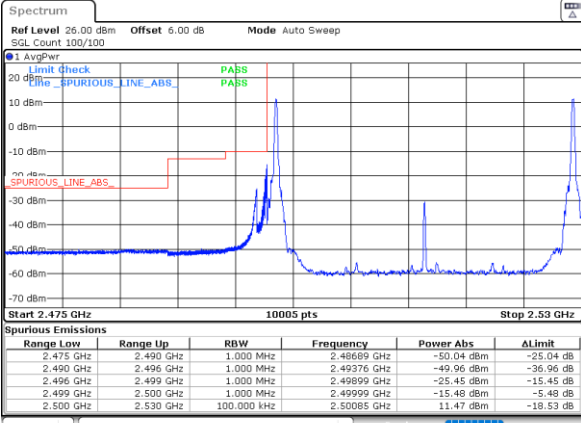
Date: 2, DEC, 2024 14:56:10



LTE Band 7 / 15MHz+15MHz

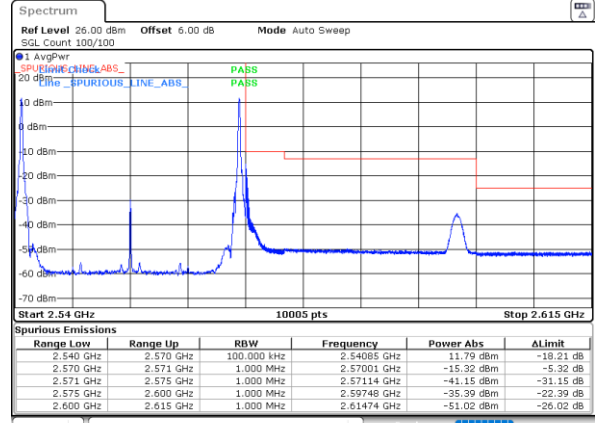
256QAM

Lowest Band Edge / 1RB0 and 1RB74



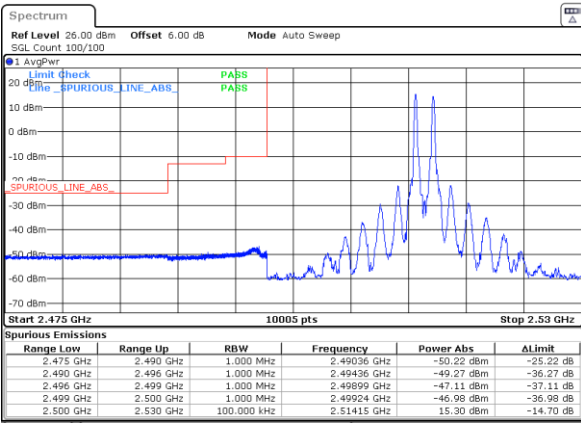
Date: 2, DEC, 2024 15:10:47

Highest Band Edge / 1RB0 and 1RB74



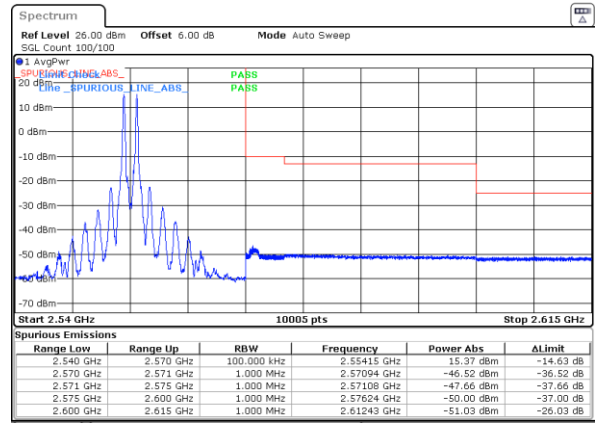
Date: 2, DEC, 2024 15:20:41

Lowest Band Edge / 1RB74 and 1RB0



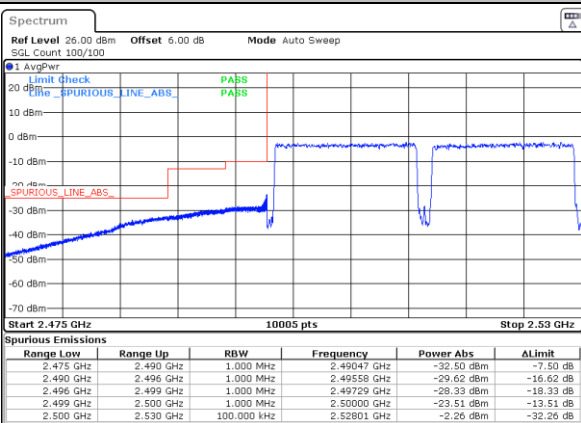
Date: 2, DEC, 2024 15:10:24

Highest Band Edge / 1RB74 and 1RB0



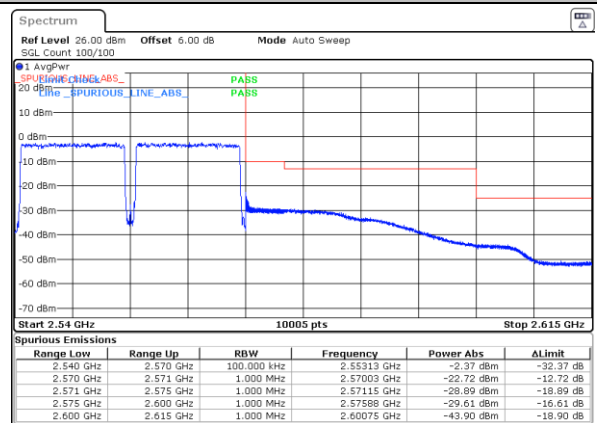
Date: 2, DEC, 2024 15:24:16

Lowest Band Edge / Full RB



Date: 2, DEC, 2024 15:14:00

Highest Band Edge / Full RB



Date: 2, DEC, 2024 15:27:52

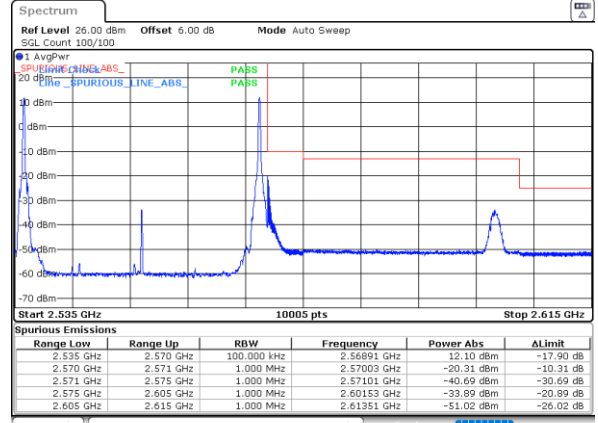
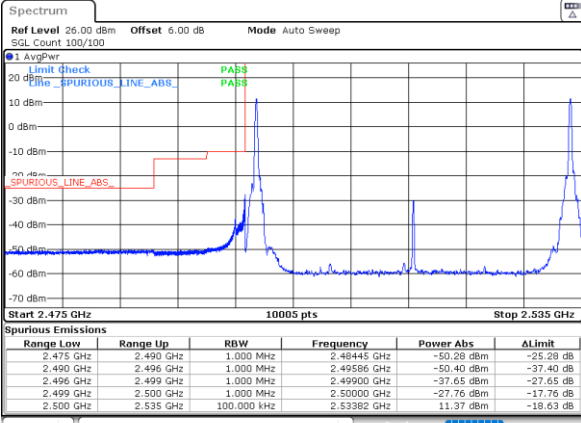


LTE Band 7 / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

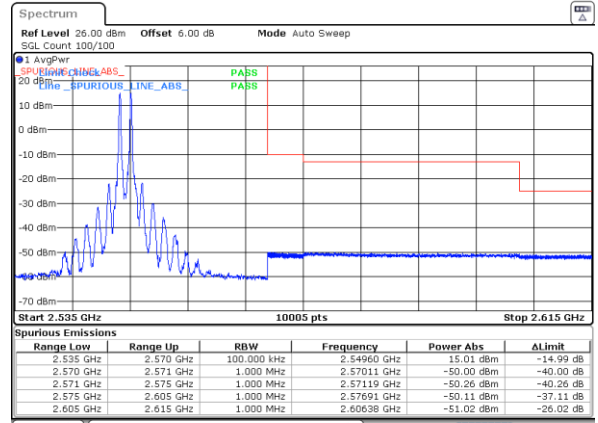
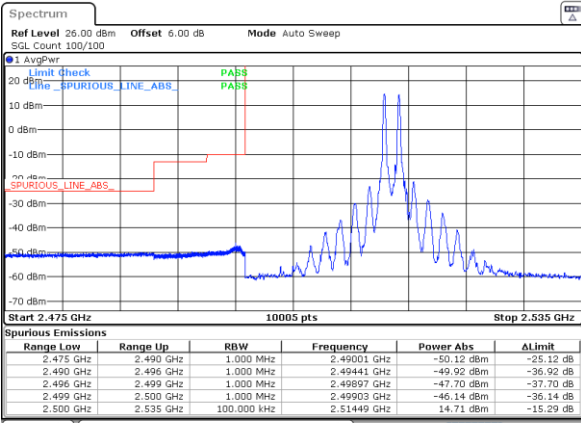


Date: 2, DEC, 2024 15:38:21

Date: 2, DEC, 2024 15:52:21

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

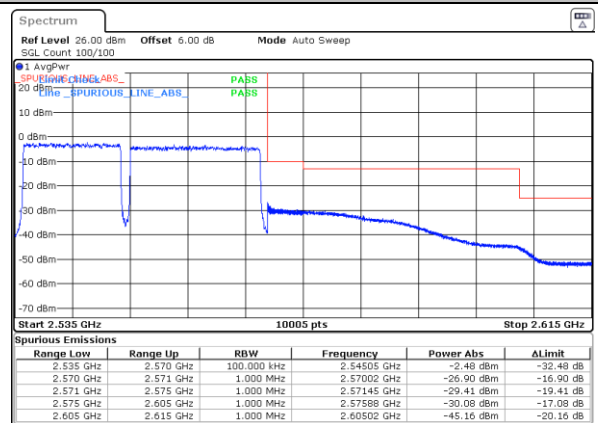
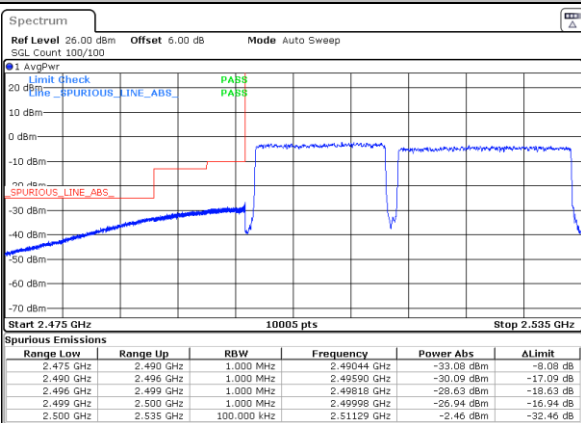


Date: 2, DEC, 2024 15:41:57

Date: 2, DEC, 2024 15:55:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 15:45:36

Date: 2, DEC, 2024 15:59:34

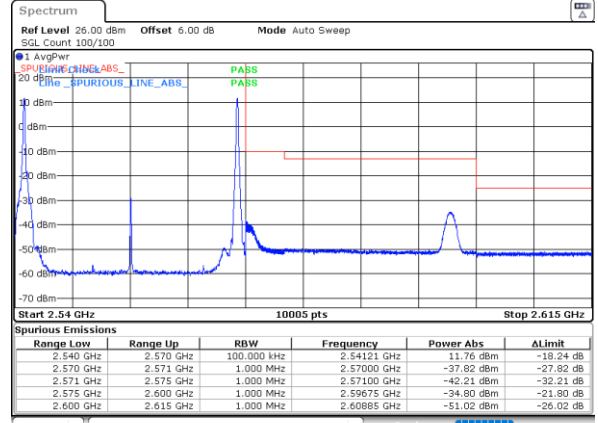
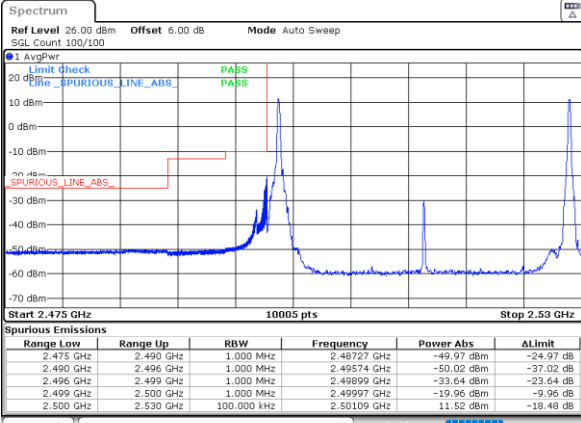


LTE Band 7 / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

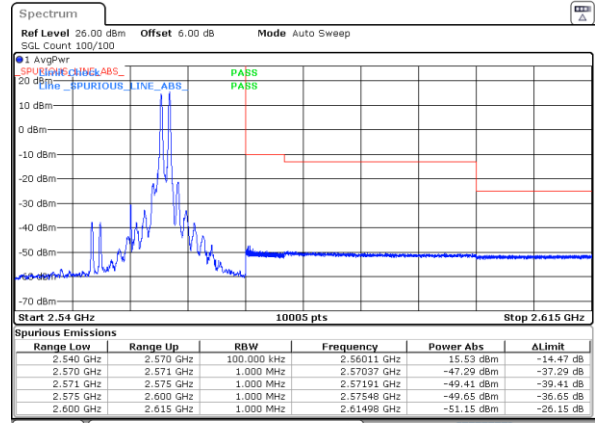
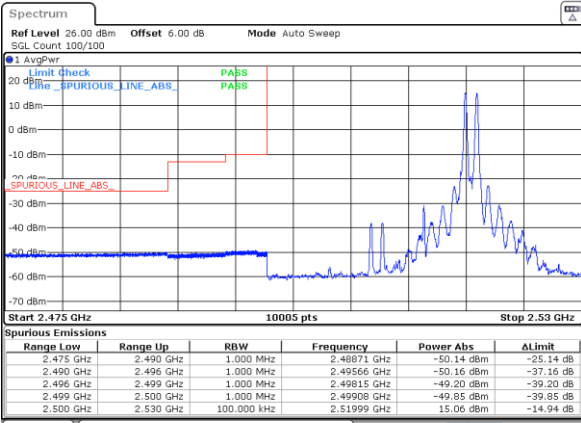


Date: 2, DEC, 2024 16:49:52

Date: 2, DEC, 2024 17:03:32

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

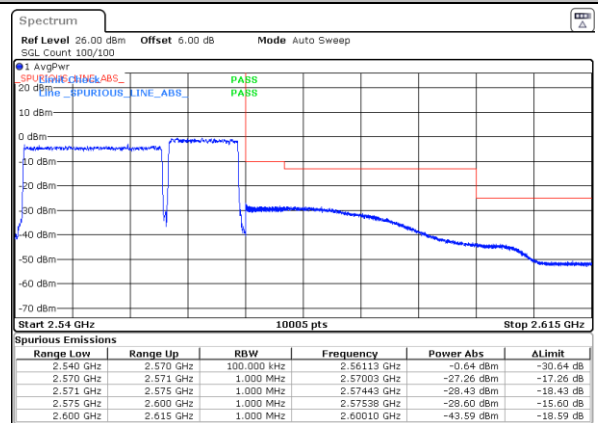
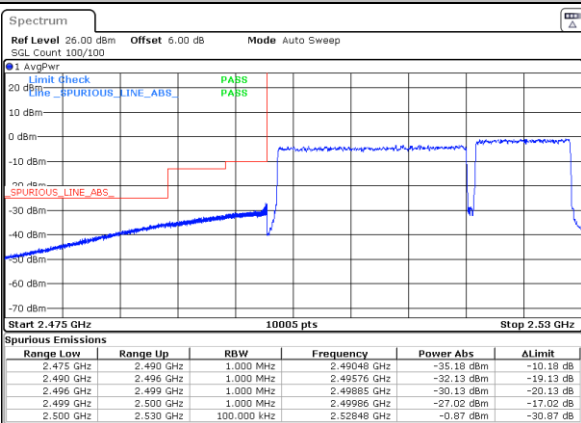


Date: 2, DEC, 2024 16:53:28

Date: 2, DEC, 2024 17:06:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 16:57:03

Date: 2, DEC, 2024 17:10:03

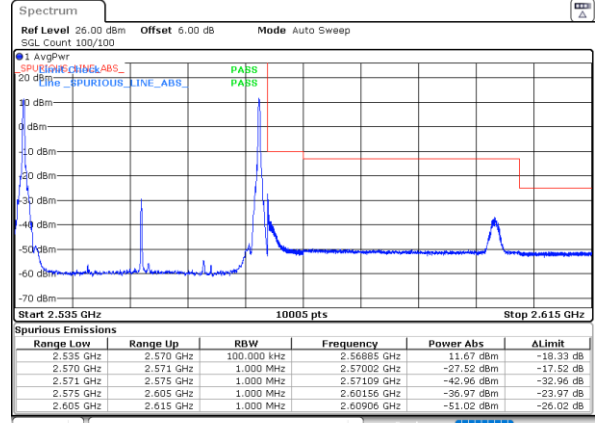
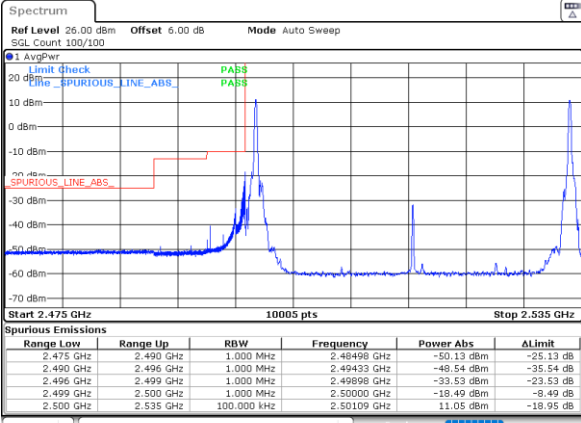


LTE Band 7 / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

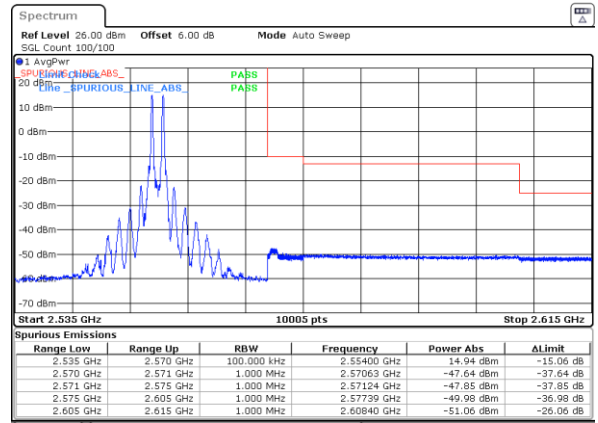
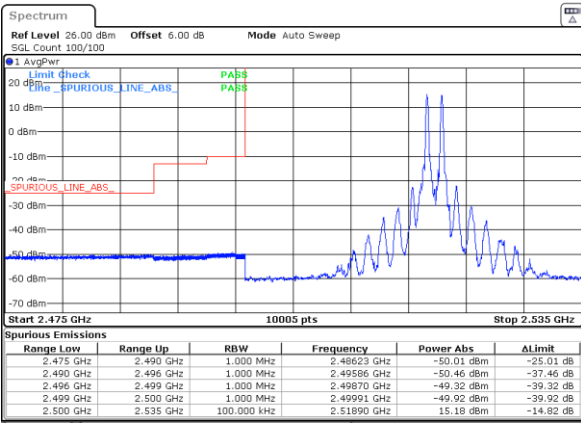


Date: 2, DEC, 2024 17:16:53

Date: 2, DEC, 2024 17:29:46

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

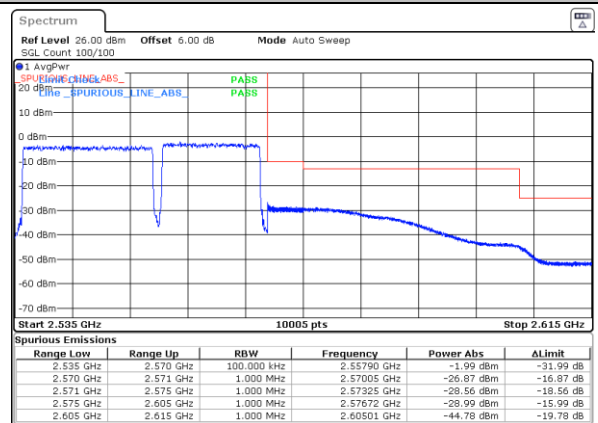
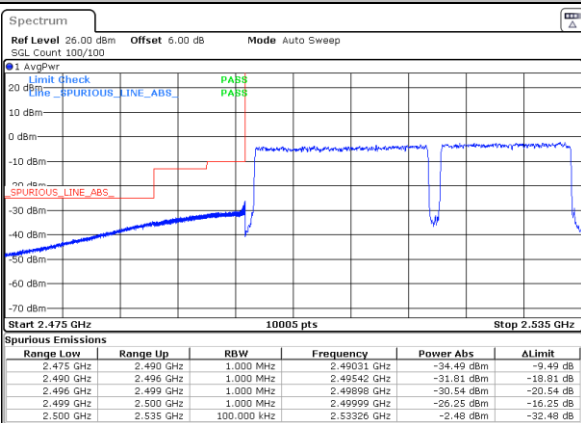


Date: 2, DEC, 2024 17:20:07

Date: 2, DEC, 2024 17:32:58

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 17:23:24

Date: 2, DEC, 2024 17:36:13

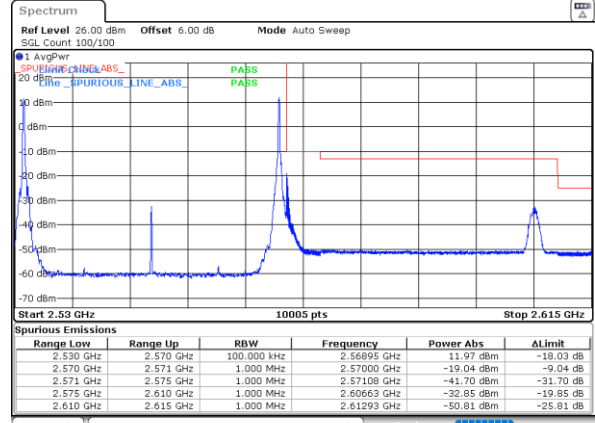
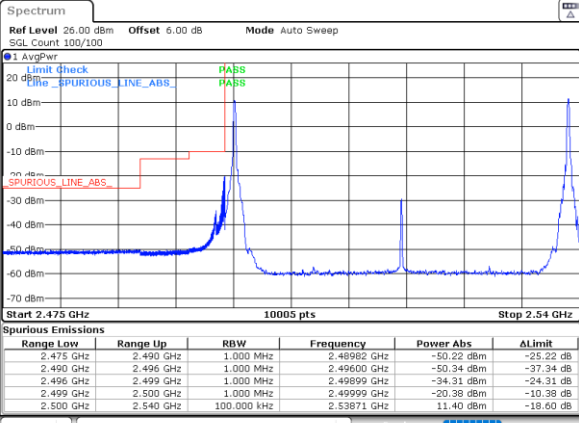


LTE Band 7 / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

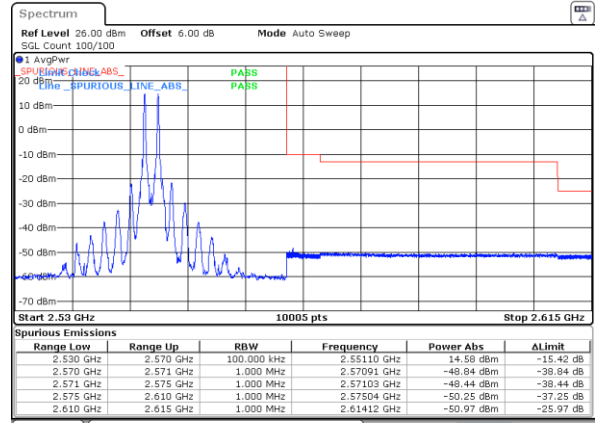
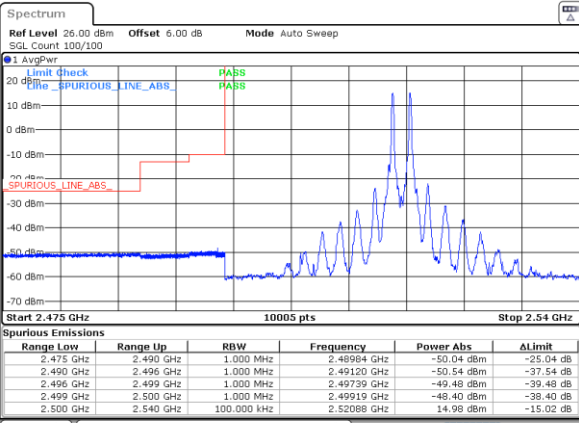


Date: 2, DEC, 2024 17:43:01

Date: 2, DEC, 2024 17:55:57

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

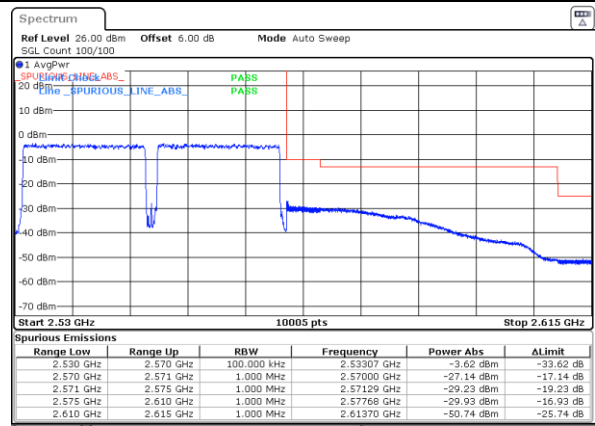
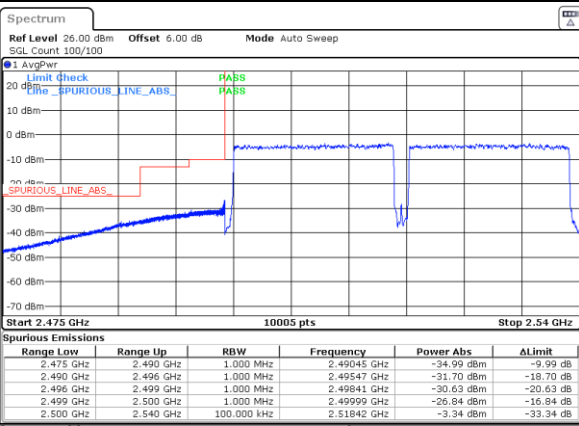


Date: 2, DEC, 2024 17:46:18

Date: 2, DEC, 2024 17:59:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2, DEC, 2024 17:49:32

Date: 2, DEC, 2024 18:02:27

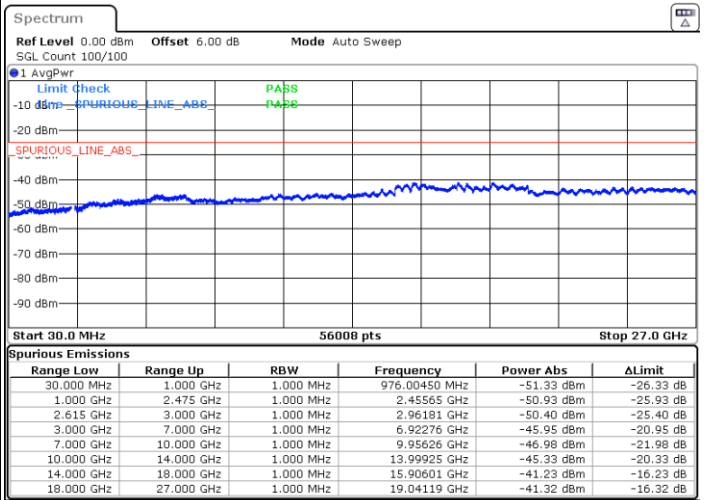
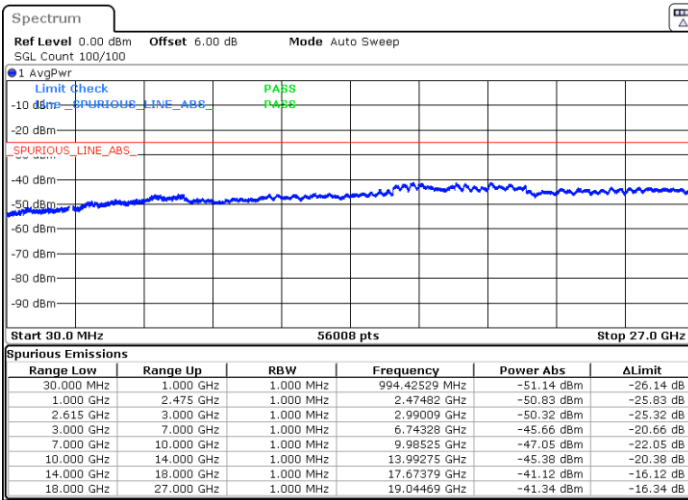


Conducted Spurious Emission

LTE Band 7 / 10MHz+20MHz

Lowest Channel / QPSK

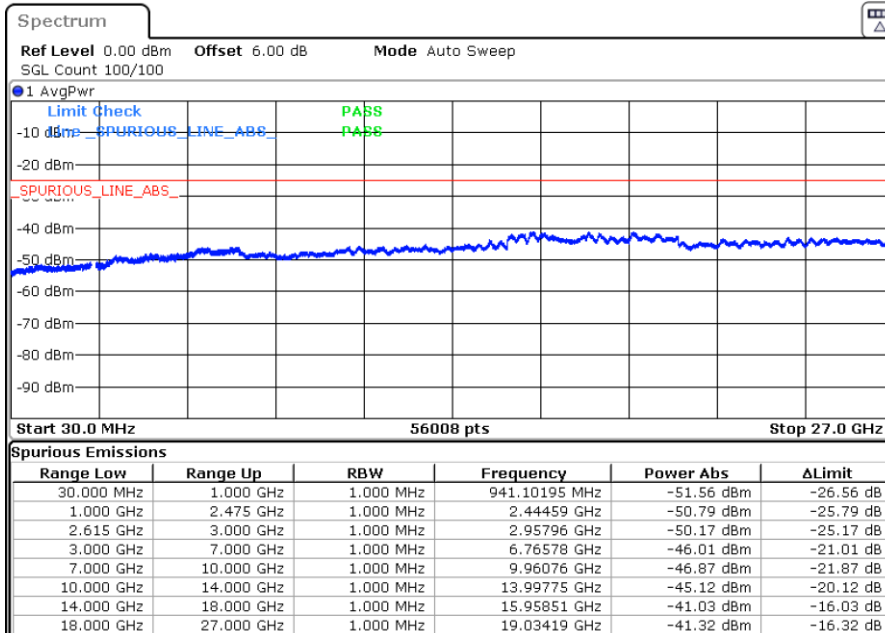
Middle Channel / QPSK



Date: 2.DEC.2024 14:03:19

Date: 2.DEC.2024 14:15:41

Highest Channel / QPSK



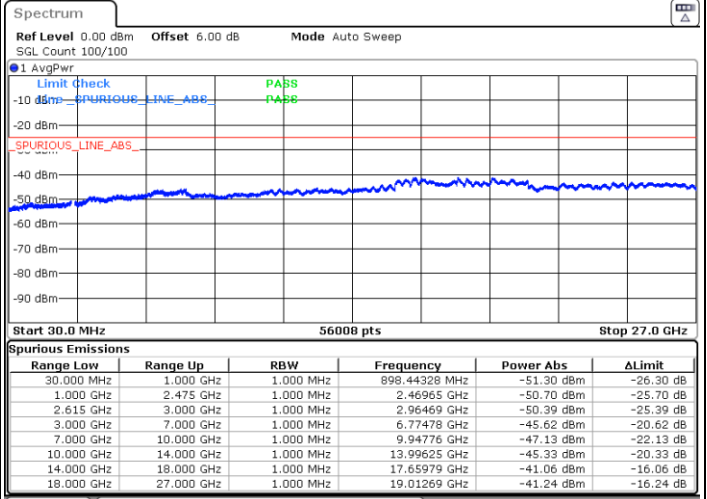
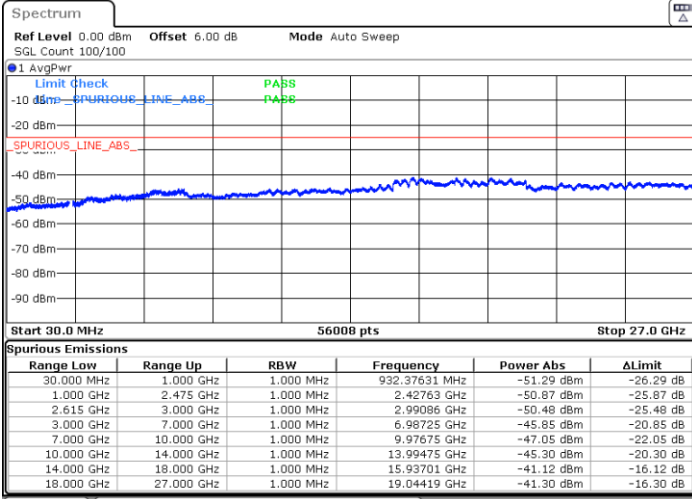
Date: 2.DEC.2024 14:17:16



LTE Band 7 / 15MHz+10MHz

Lowest Channel / QPSK

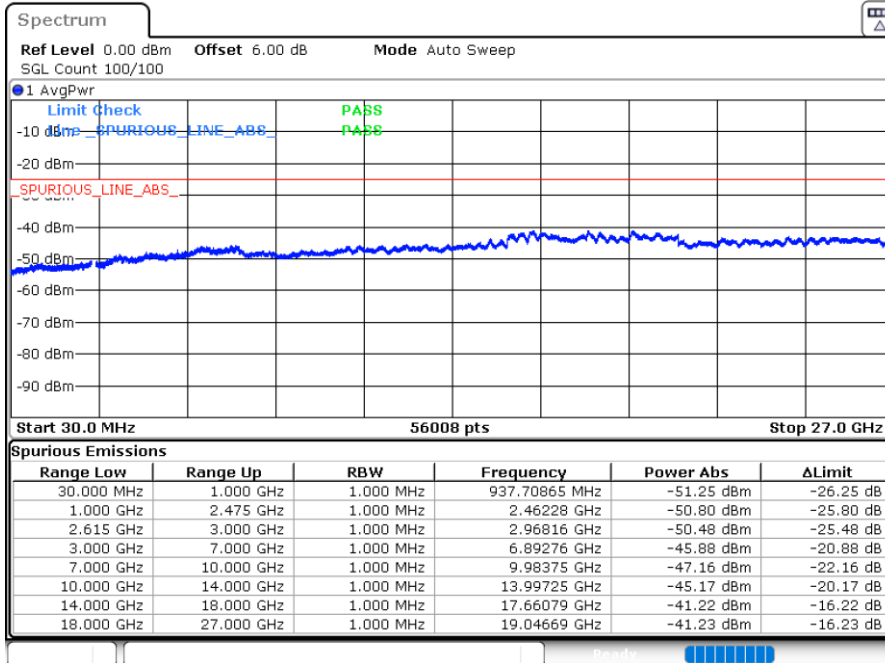
Middle Channel / QPSK



Date: 2.DEC.2024 14:31:32

Date: 2.DEC.2024 14:43:56

Highest Channel / QPSK



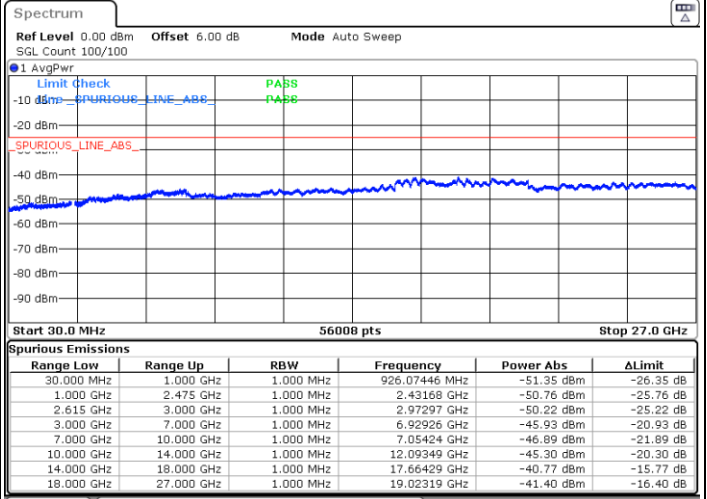
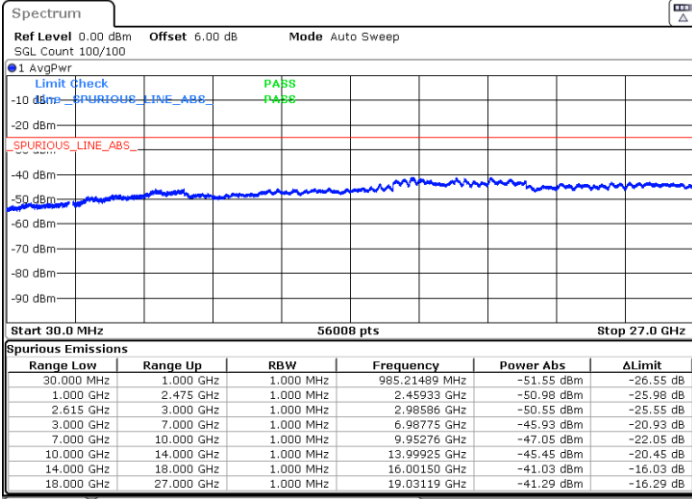
Date: 2.DEC.2024 14:45:30



LTE Band 7 / 15MHz+15MHz

Lowest Channel / QPSK

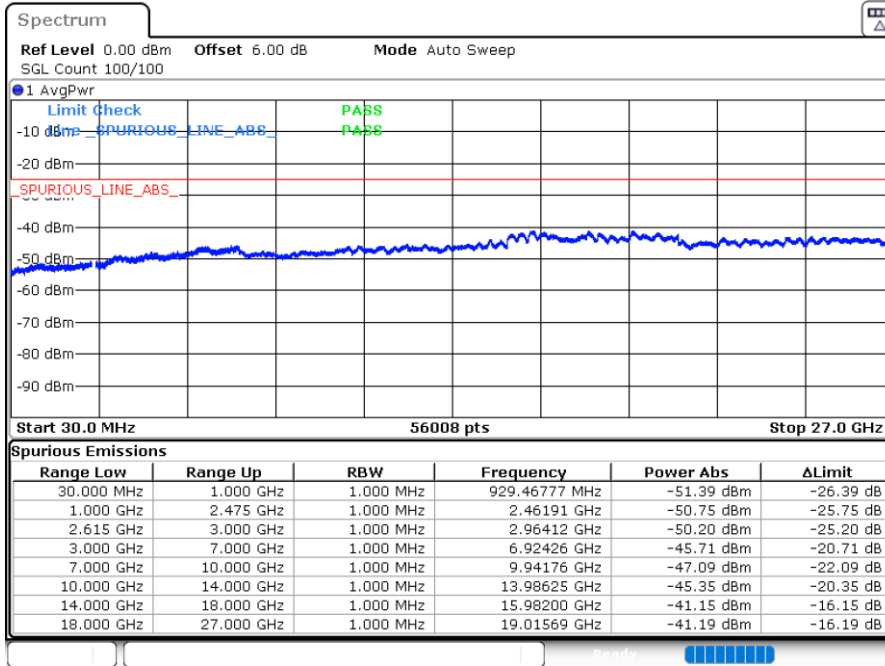
Middle Channel / QPSK



Date: 2.DEC.2024 15:03:10

Date: 2.DEC.2024 15:15:35

Highest Channel / QPSK



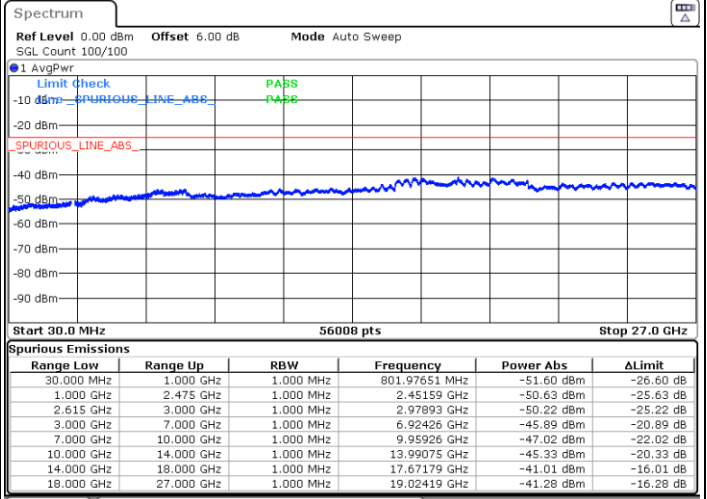
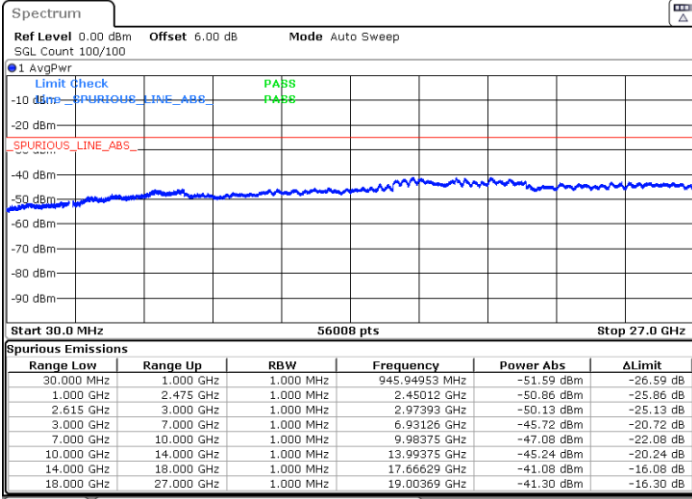
Date: 2.DEC.2024 15:17:09



LTE Band 7 / 15MHz+20MHz

Lowest Channel / QPSK

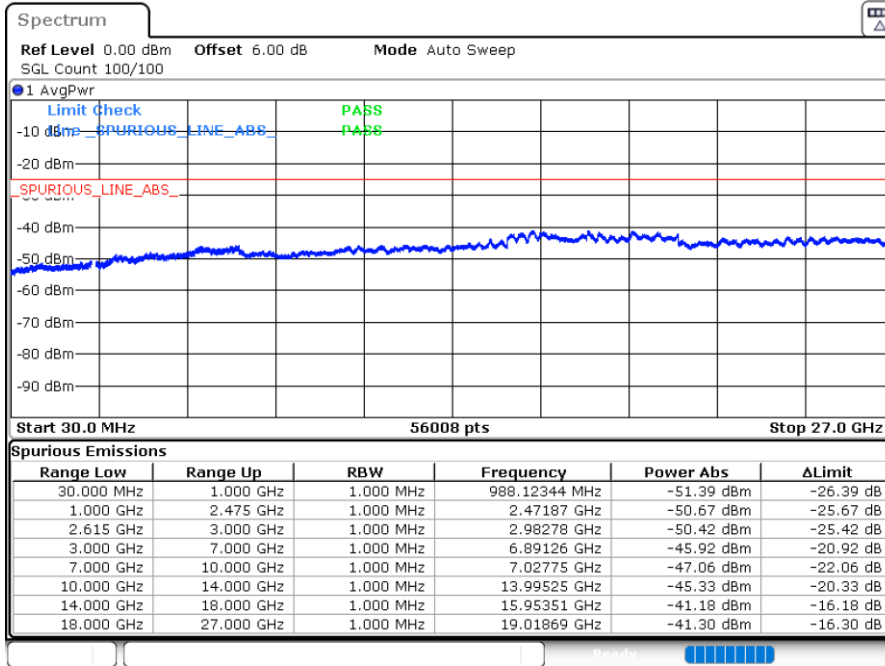
Middle Channel / QPSK



Date: 2.DEC.2024 15:34:46

Date: 2.DEC.2024 15:47:12

Highest Channel / QPSK



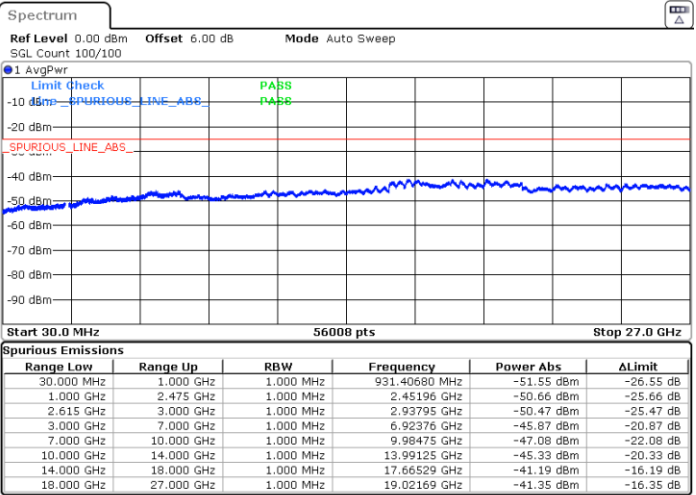
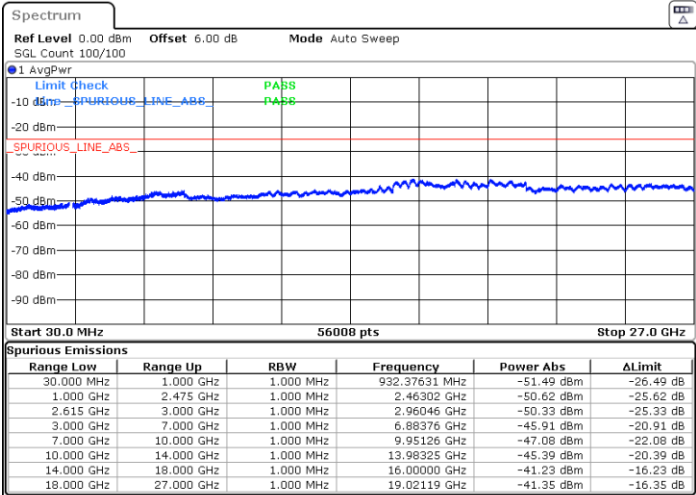
Date: 2.DEC.2024 15:48:47



LTE Band 7 / 20MHz+10MHz

Lowest Channel / QPSK

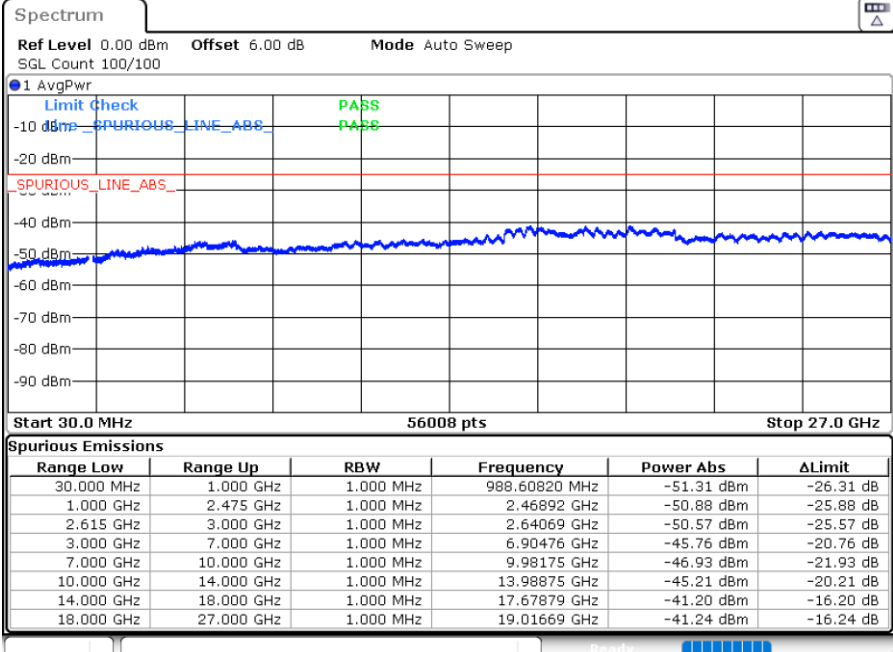
Middle Channel / QPSK



Date: 2.DEC.2024 16:46:16

Date: 2.DEC.2024 16:58:38

Highest Channel / QPSK



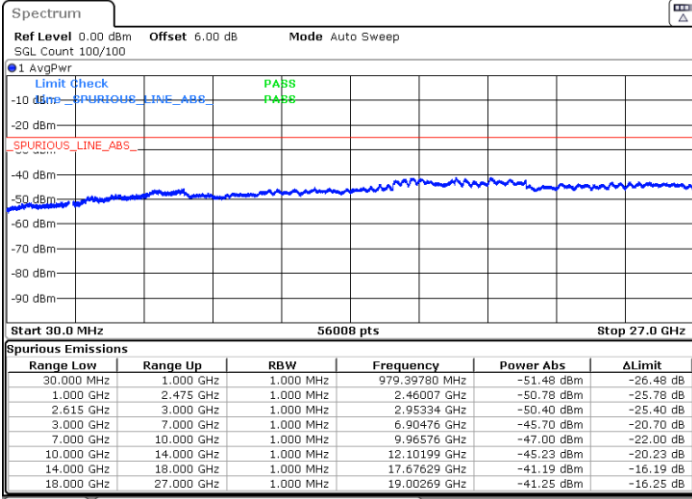
Date: 2.DEC.2024 17:00:12



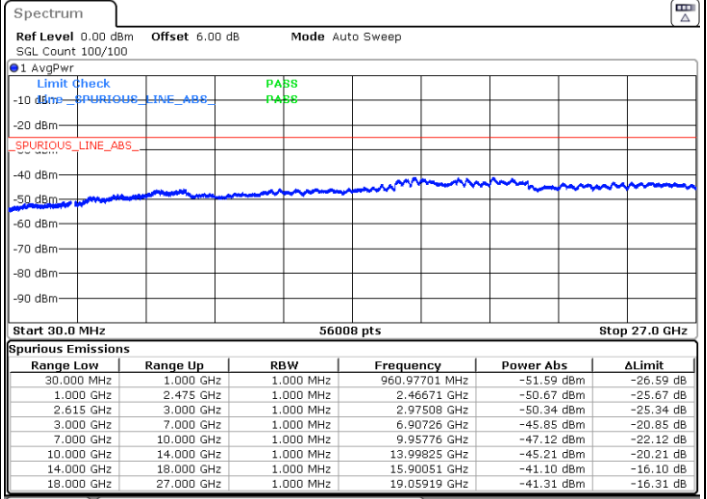
LTE Band 7 / 20MHz+15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

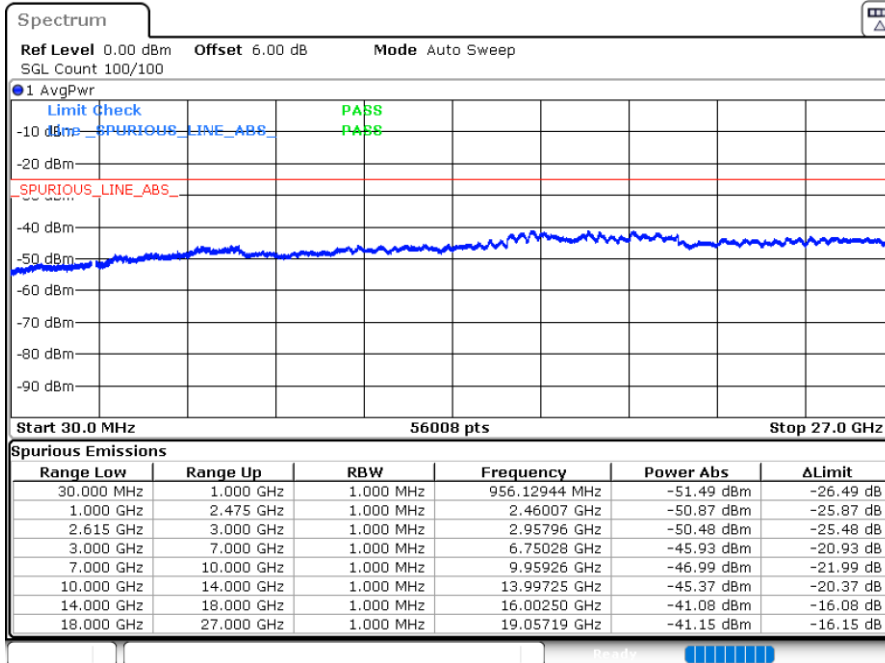


Date: 2.DEC.2024 17:13:36



Date: 2.DEC.2024 17:25:00

Highest Channel / QPSK



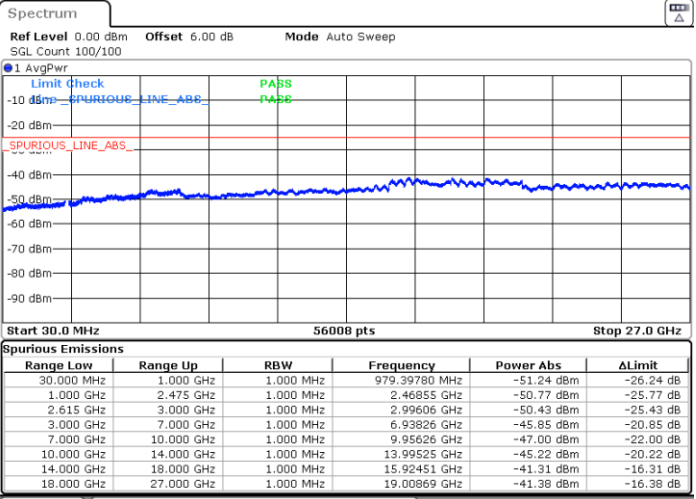
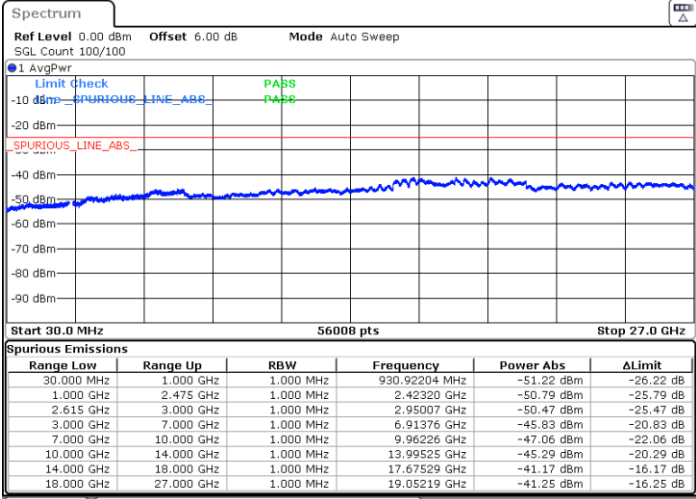
Date: 2.DEC.2024 17:26:33



LTE Band 7 /20MHz+20MHz

Lowest Channel / QPSK

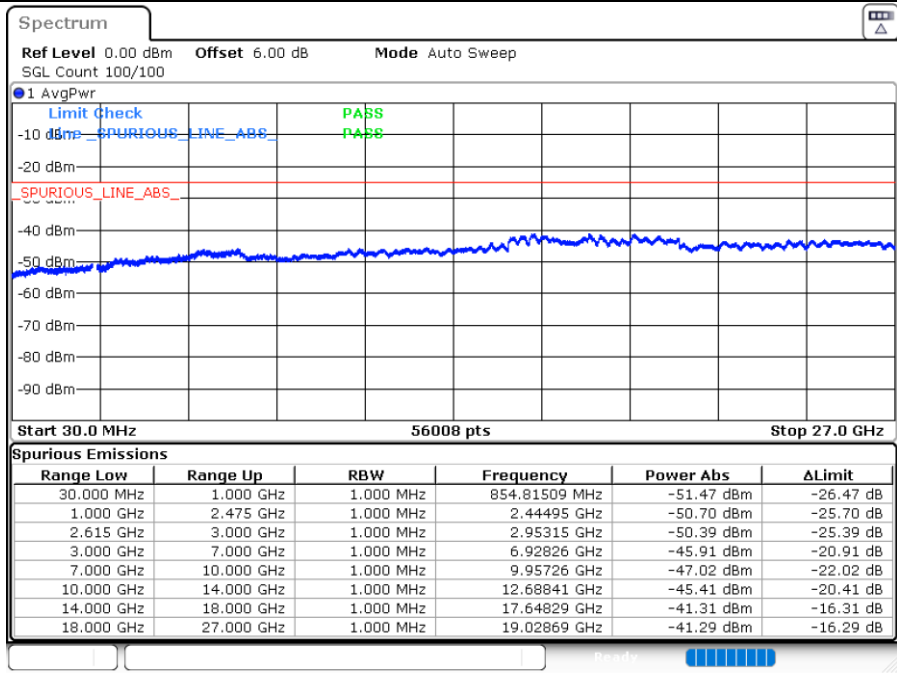
Middle Channel / QPSK



Date: 2.DEC.2024 17:39:45

Date: 2.DEC.2024 17:51:08

Highest Channel / QPSK



Date: 2.DEC.2024 17:52:42



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	0.0021	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0062	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0062	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0038	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.85 V.; Battery End Point (BEP) =3.5V.; Maximum Voltage =4.53 V.
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	40.36	39.88
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.90	34.90
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.91
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.93	24.78
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.11	34.97
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.63	30.75
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.33
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.85
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.28	25.43
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.98	24.73