

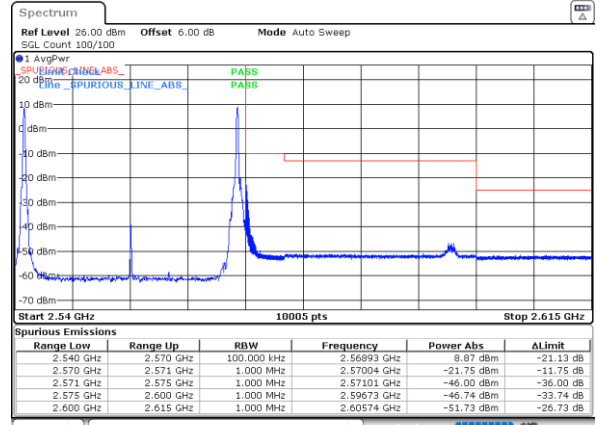
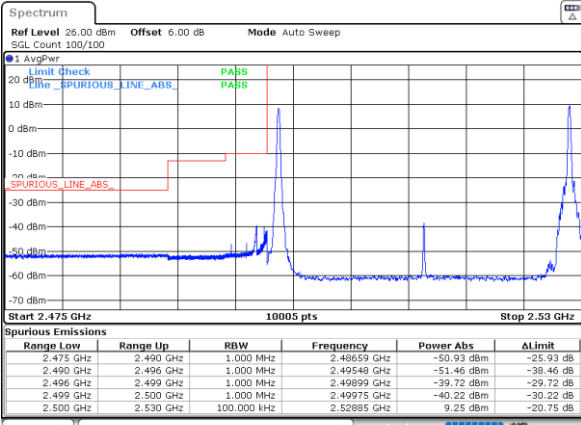


LTE Band 7C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

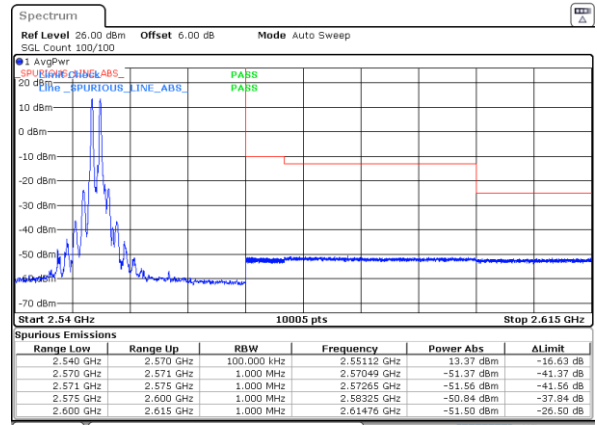
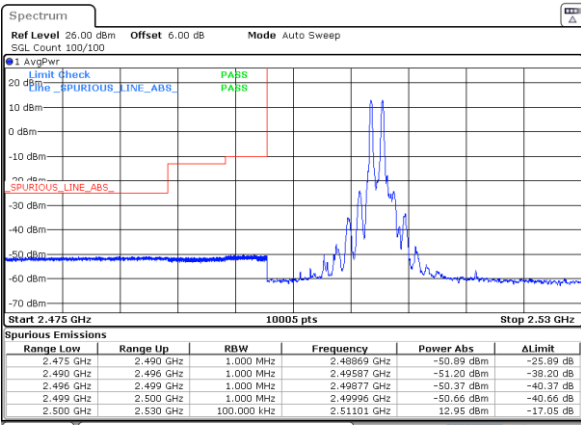


Date: 15.APR.2023 08:33:12

Date: 15.APR.2023 08:14:04

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

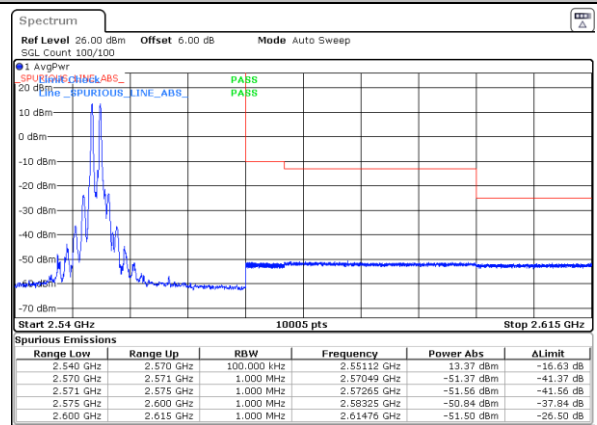
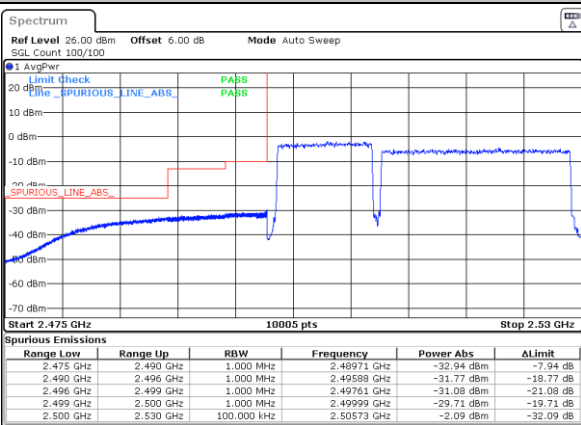


Date: 15.APR.2023 08:36:41

Date: 15.APR.2023 08:15:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 08:40:10

Date: 15.APR.2023 08:15:32

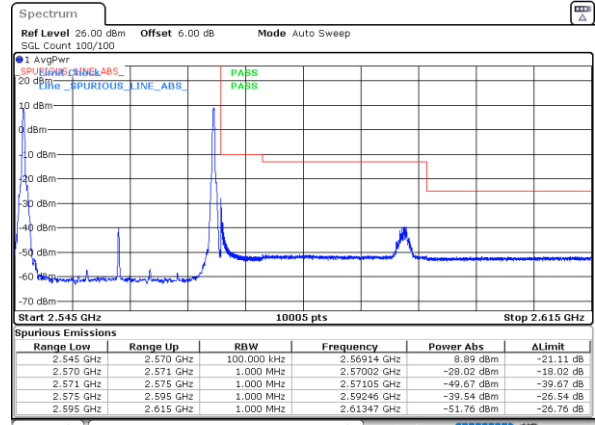
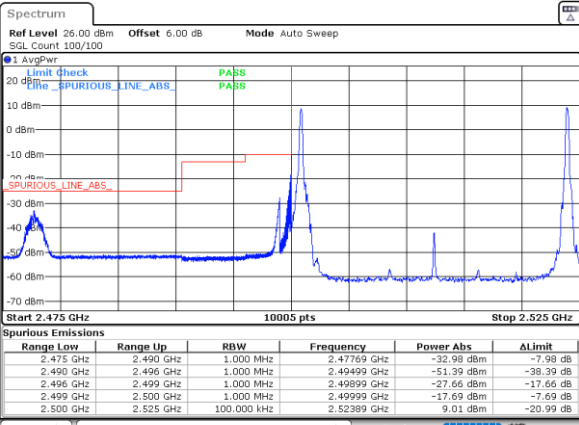


LTE Band 7C / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

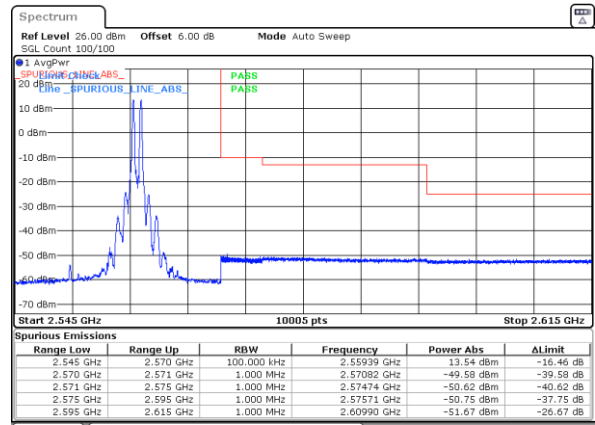
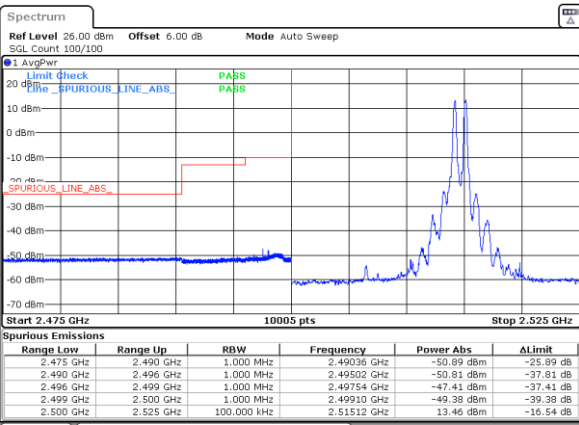


Date: 15.APR.2023 09:00:46

Date: 15.APR.2023 09:15:40

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

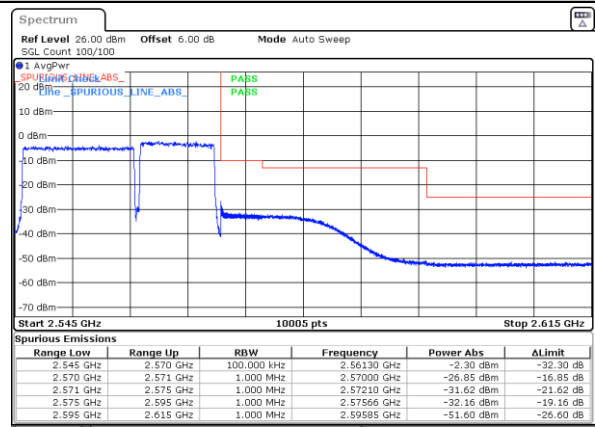
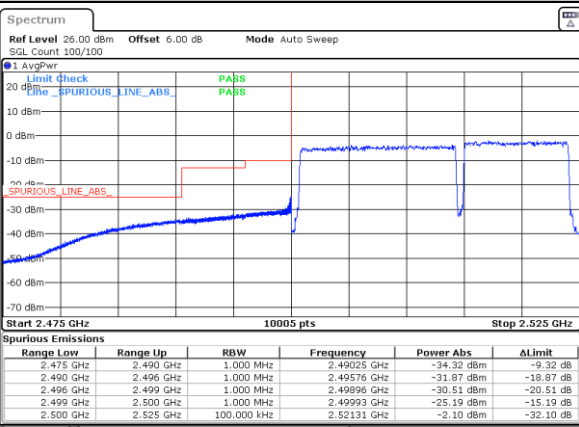


Date: 15.APR.2023 09:04:15

Date: 15.APR.2023 09:19:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 09:07:46

Date: 15.APR.2023 09:22:37

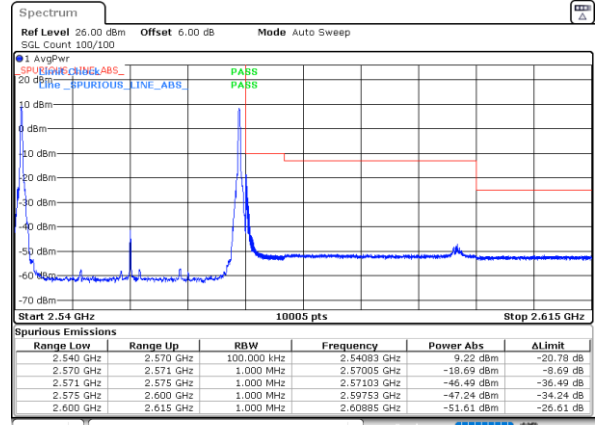
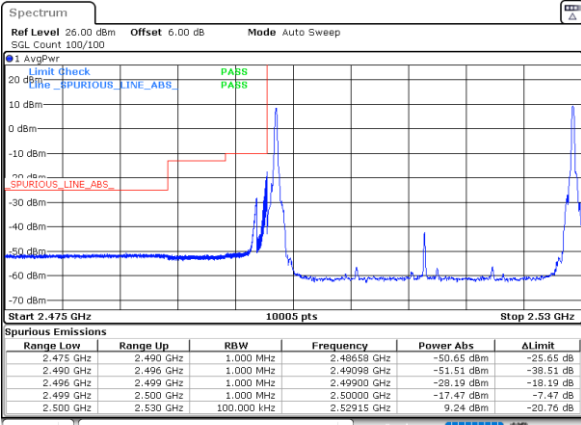


LTE Band 7C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

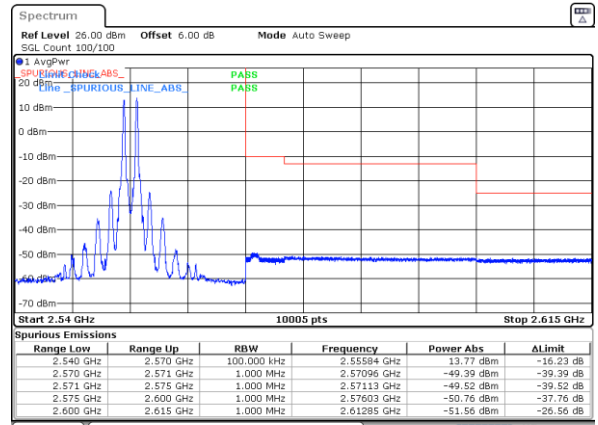
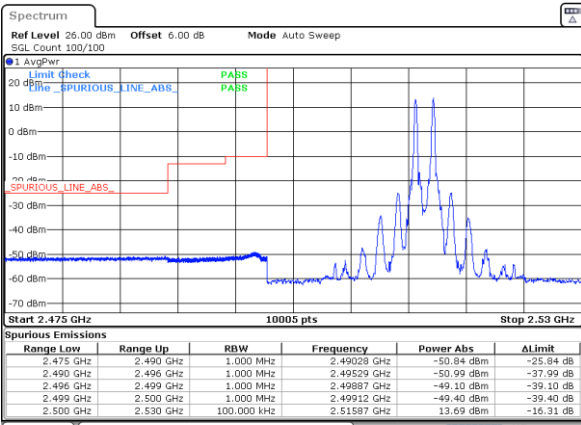


Date: 15.APR.2023 09:28:21

Date: 15.APR.2023 09:43:15

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

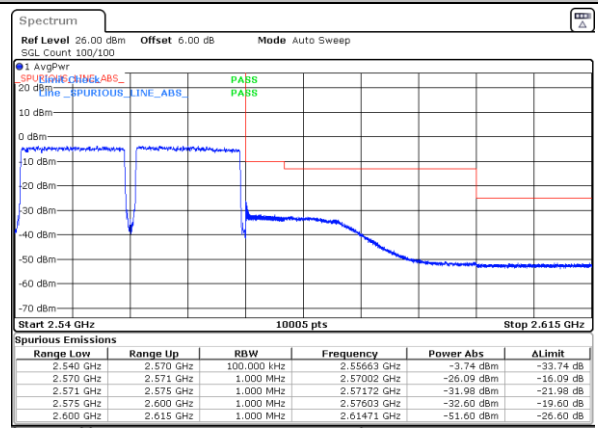
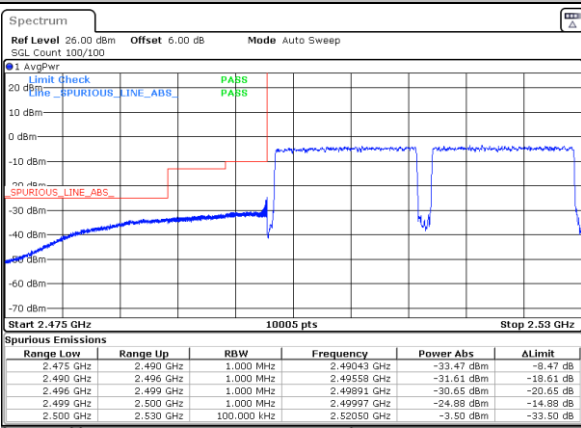


Date: 15.APR.2023 09:31:51

Date: 15.APR.2023 09:46:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 09:35:20

Date: 15.APR.2023 09:50:13

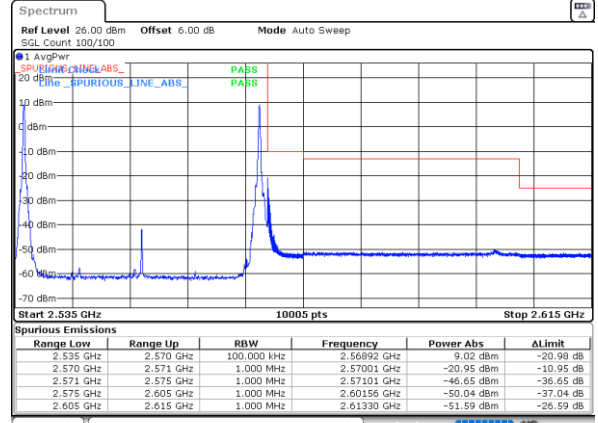
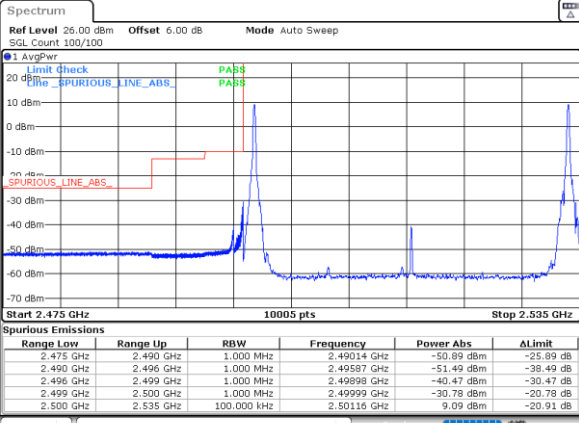


LTE Band 7C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

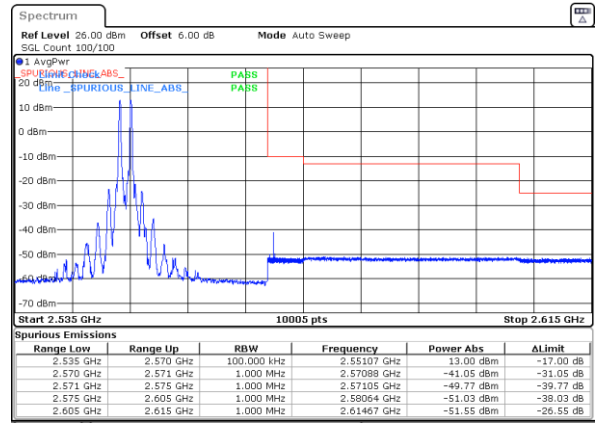
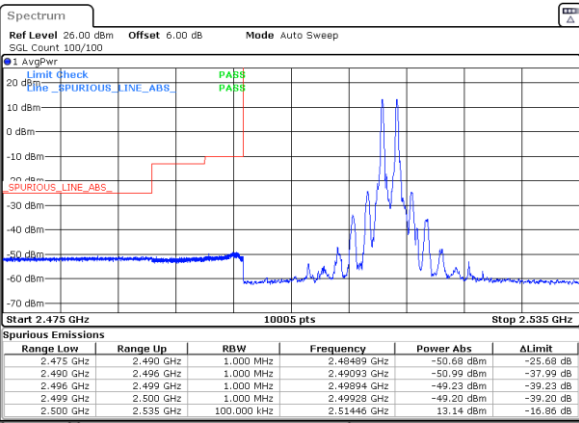


Date: 15.APR.2023 09:55:56

Date: 15.APR.2023 10:10:52

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

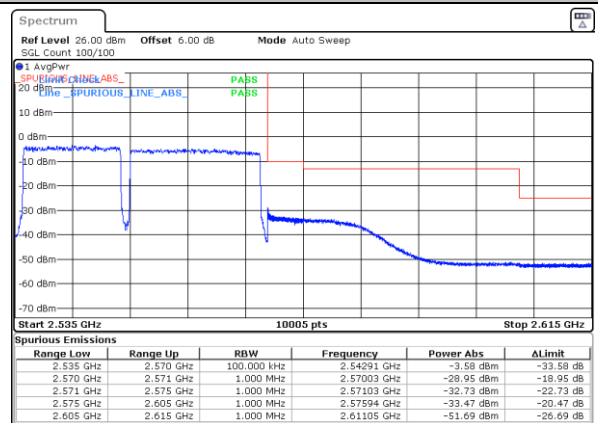
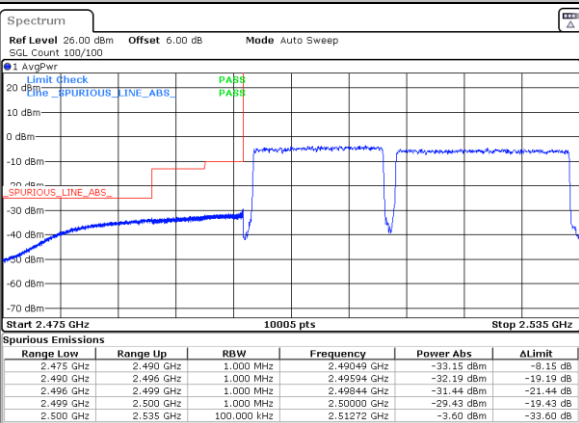


Date: 15.APR.2023 09:59:27

Date: 15.APR.2023 10:14:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 10:02:57

Date: 15.APR.2023 10:17:50

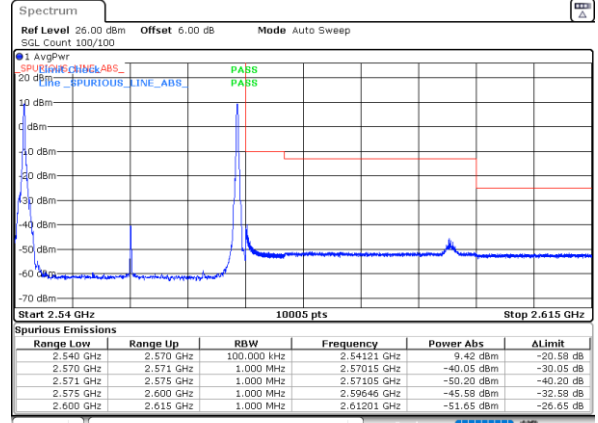
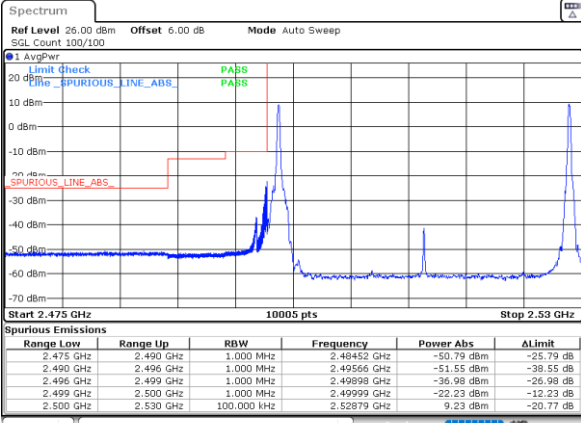


LTE Band 7C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

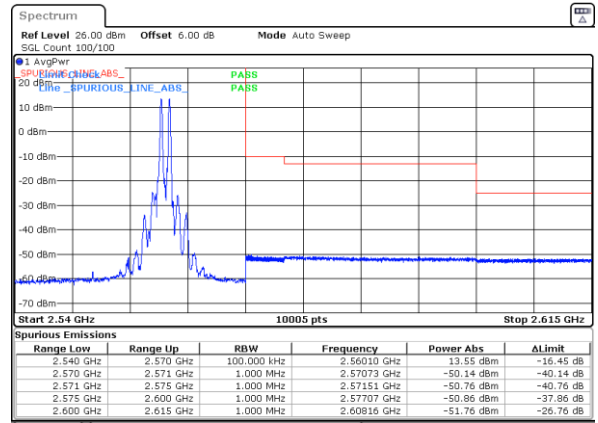
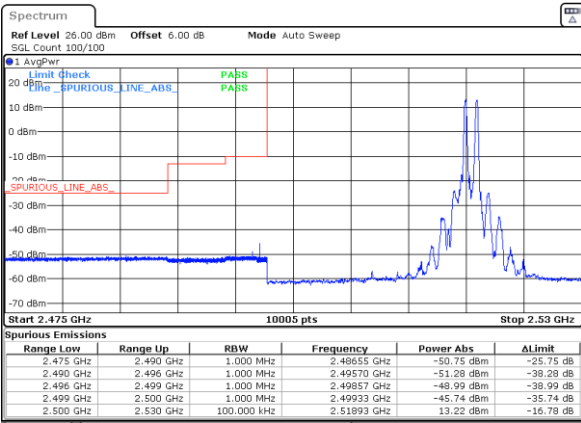


Date: 15_APR.2023 10:23:14

Date: 15_APR.2023 10:18:30

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

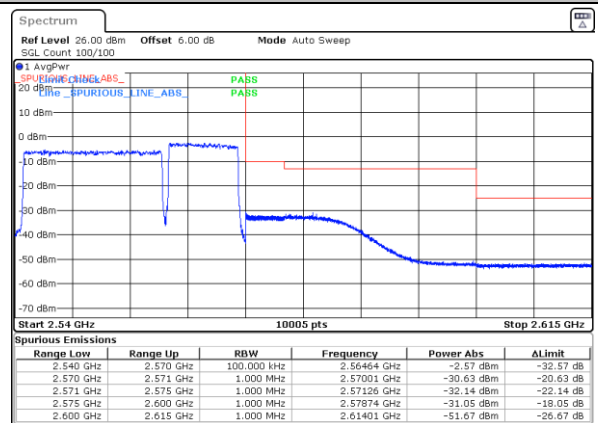
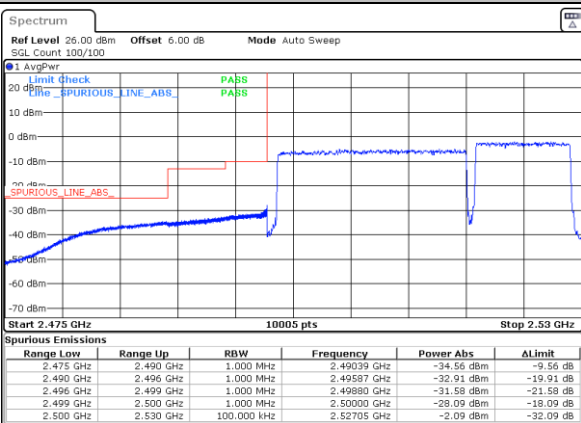


Date: 15_APR.2023 10:27:04

Date: 15_APR.2023 10:41:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15_APR.2023 10:30:34

Date: 15_APR.2023 10:45:28

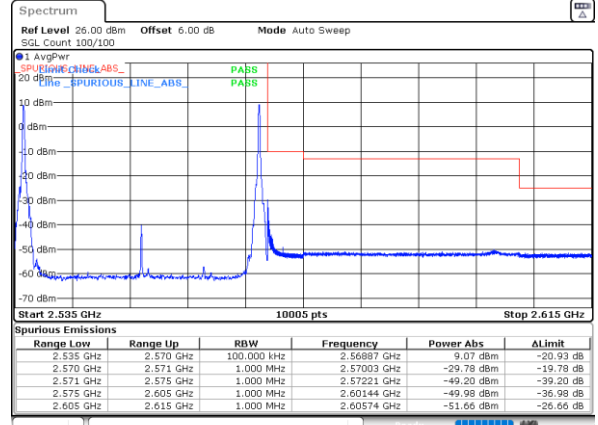
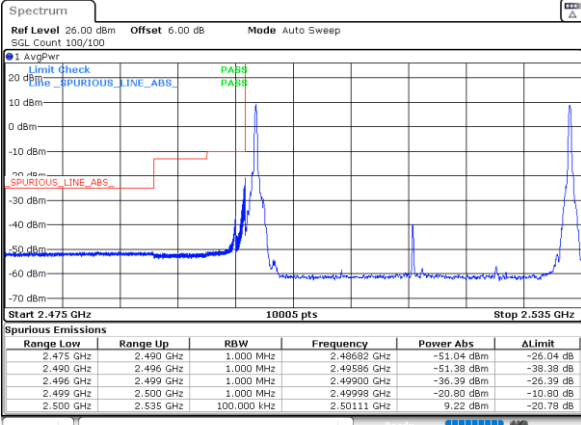


LTE Band 7C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

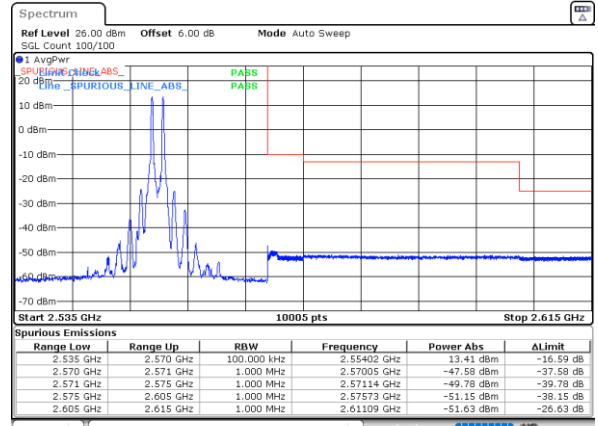
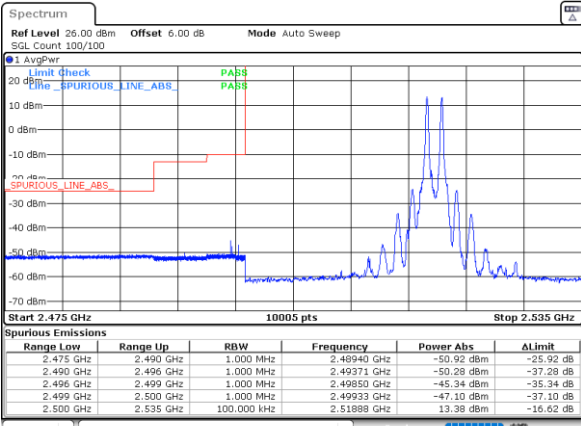


Date: 15_APR.2023 10:51:11

Date: 15_APR.2023 11:06:08

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

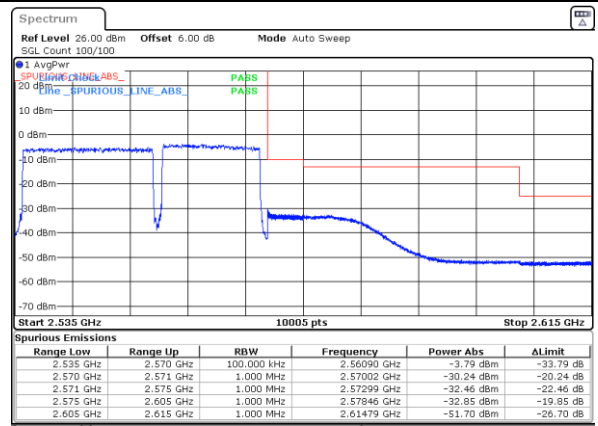
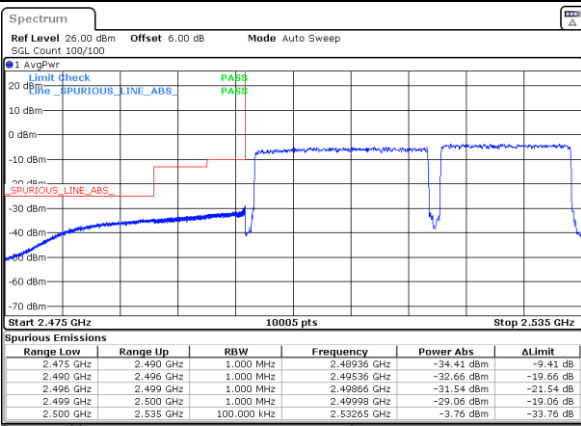


Date: 15_APR.2023 10:54:41

Date: 15_APR.2023 11:09:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15_APR.2023 10:58:12

Date: 15_APR.2023 11:13:06

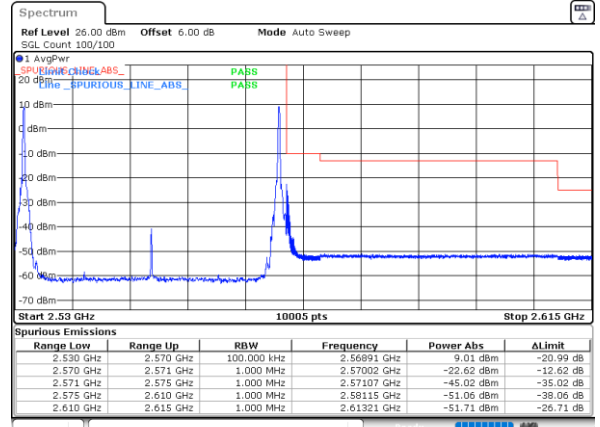
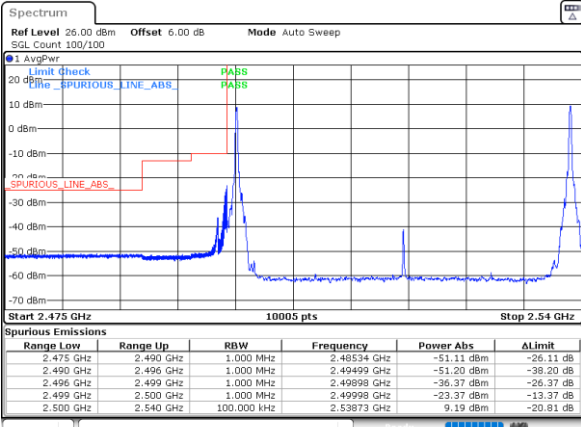


LTE Band 7C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

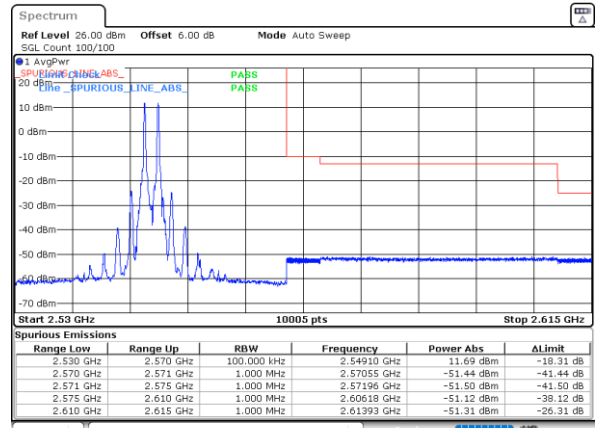
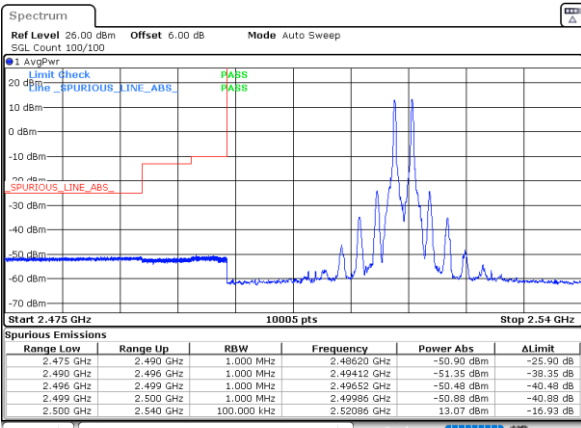


Date: 15.APR.2023 11:18:50

Date: 15.APR.2023 11:33:45

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

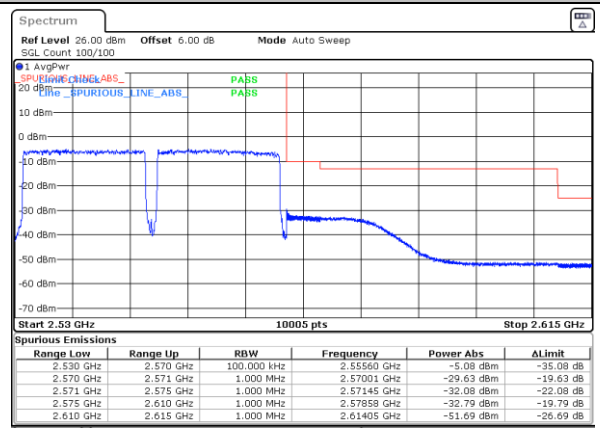
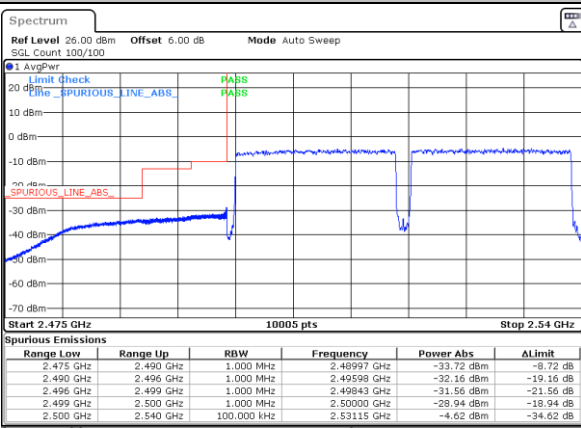


Date: 15.APR.2023 11:22:20

Date: 15.APR.2023 11:38:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 11:25:50

Date: 15.APR.2023 11:40:44

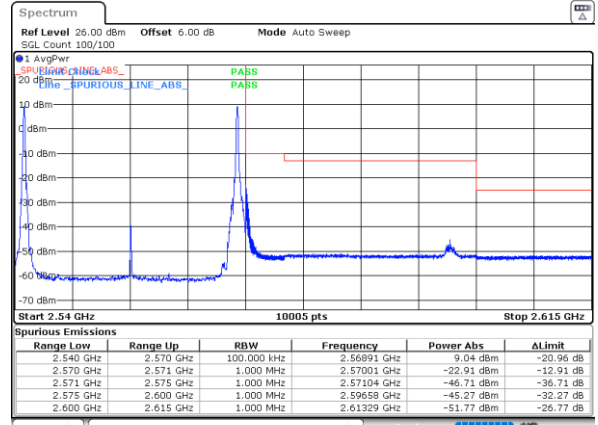
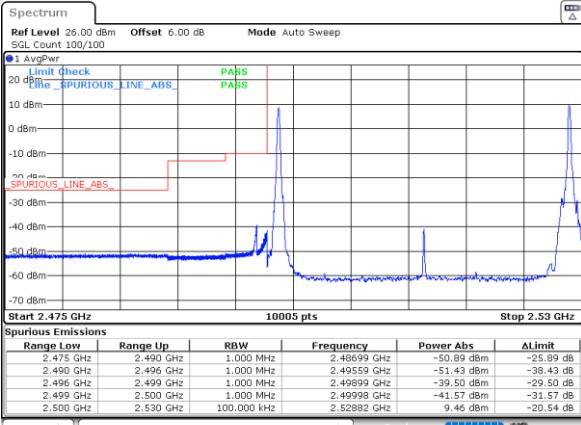


LTE Band 7C / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

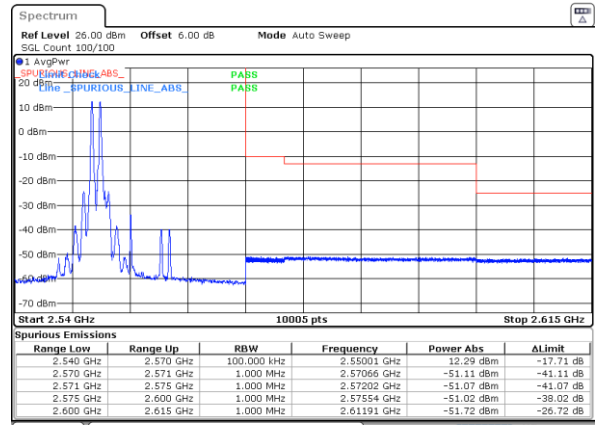
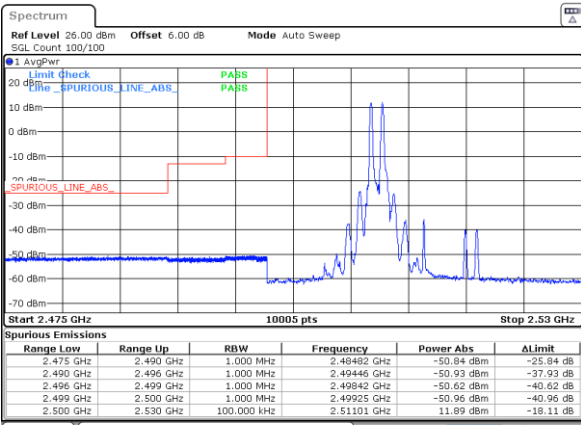


Date: 15.APR.2023 08:13:04

Date: 15.APR.2023 08:14:56

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

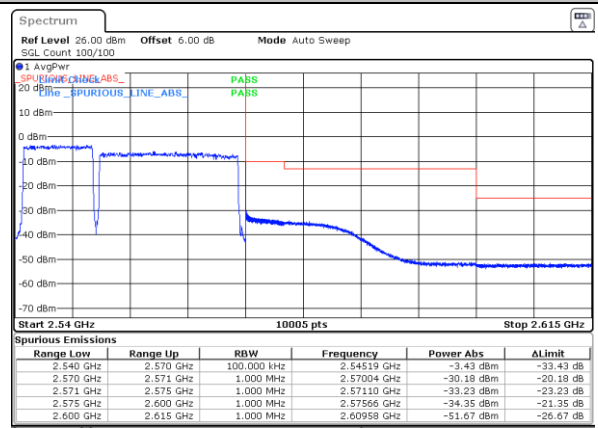
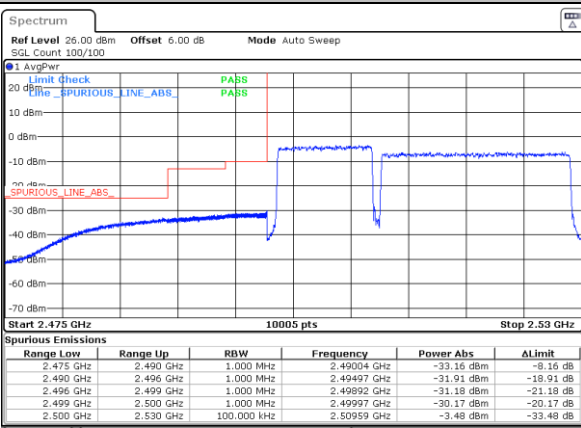


Date: 15.APR.2023 08:37:33

Date: 15.APR.2023 08:12:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 08:41:02

Date: 15.APR.2023 08:55:54

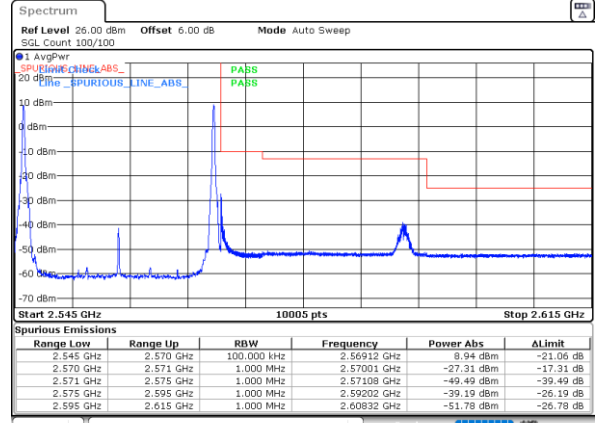
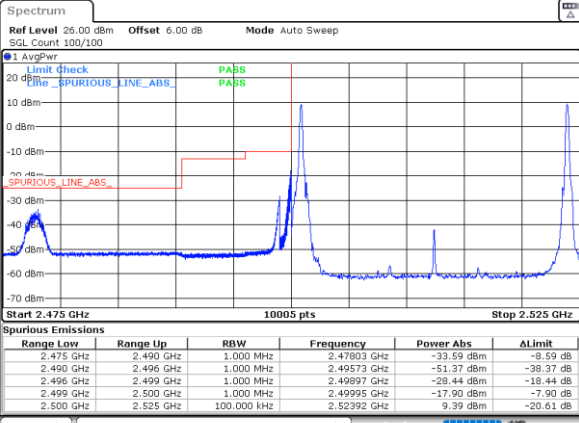


LTE Band 7C / 15MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

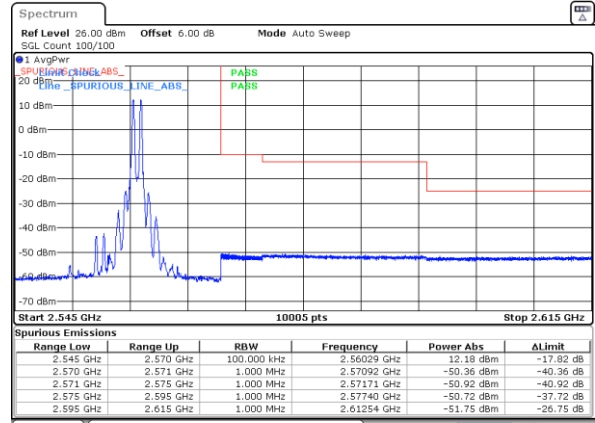
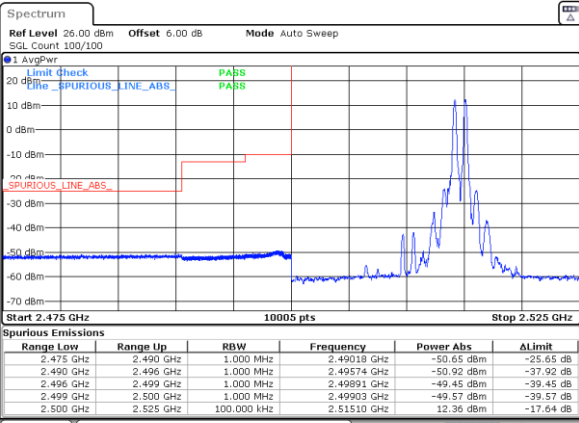


Date: 15.APR.2023 09:01:38

Date: 15.APR.2023 09:16:32

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

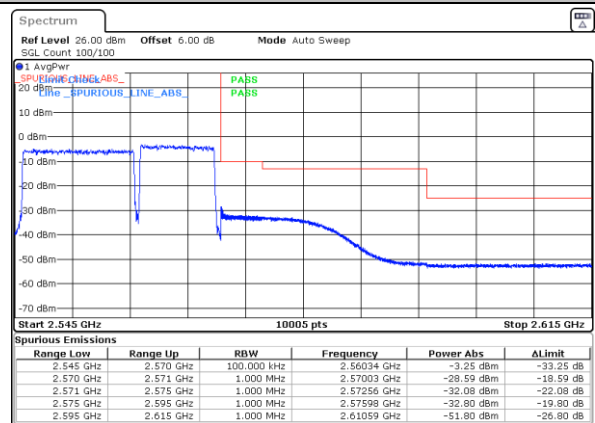
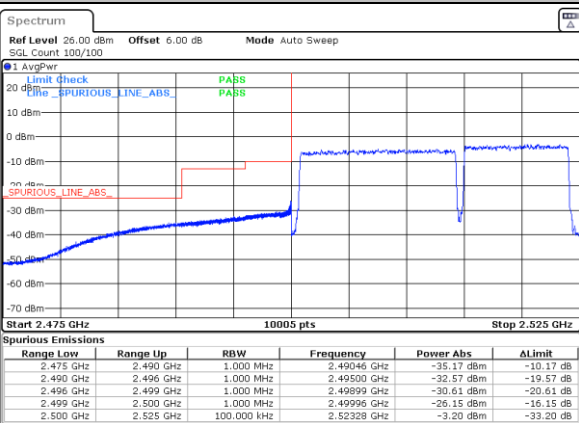


Date: 15.APR.2023 09:05:08

Date: 15.APR.2023 09:20:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 09:08:38

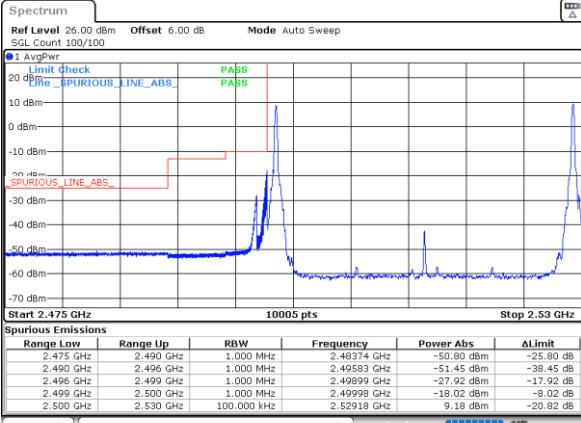
Date: 15.APR.2023 09:23:29



LTE Band 7C / 15MHz+15MHz

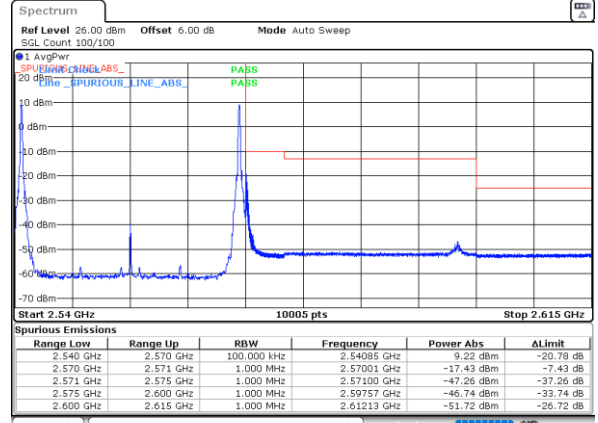
256QAM

Lowest Band Edge / 1RB0 and 1RB74



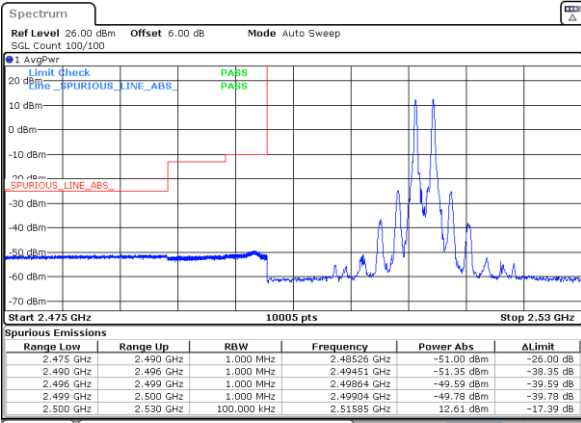
Date: 15.APR.2023 09:29:13

Highest Band Edge / 1RB0 and 1RB74



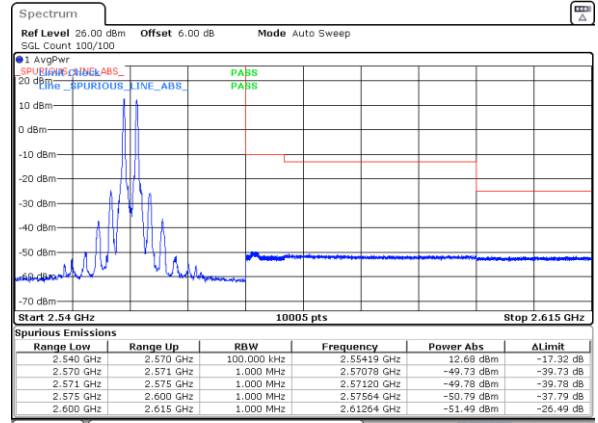
Date: 15.APR.2023 09:44:07

Lowest Band Edge / 1RB74 and 1RB0



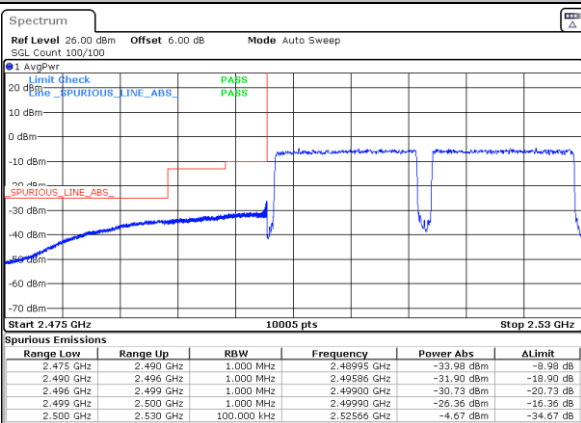
Date: 15.APR.2023 09:32:43

Highest Band Edge / 1RB74 and 1RB0



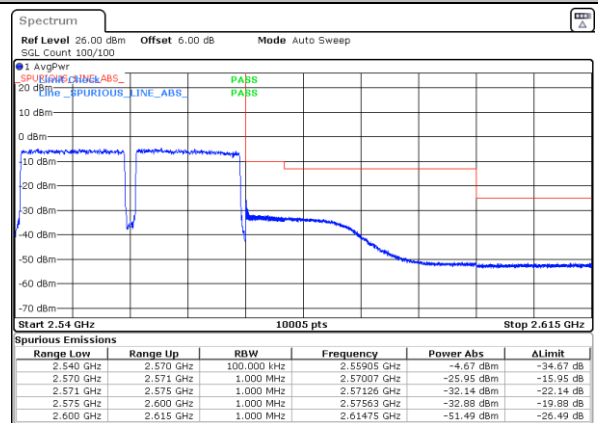
Date: 15.APR.2023 09:47:36

Lowest Band Edge / Full RB



Date: 15.APR.2023 09:36:12

Highest Band Edge / Full RB



Date: 15.APR.2023 09:51:05

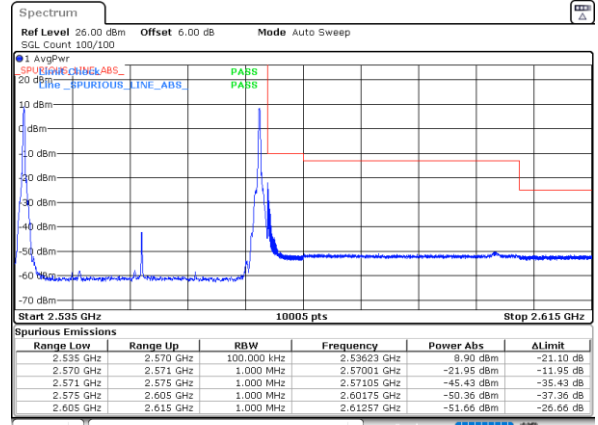
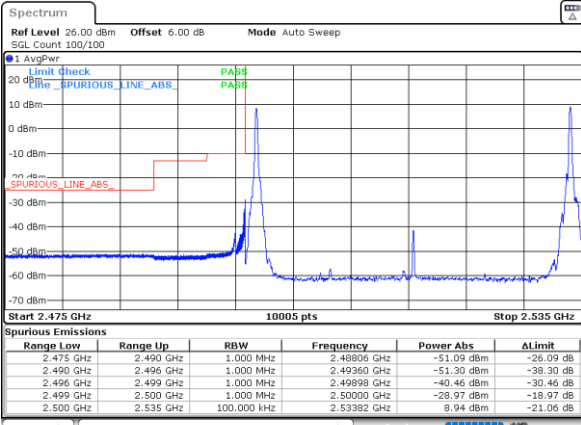


LTE Band 7C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

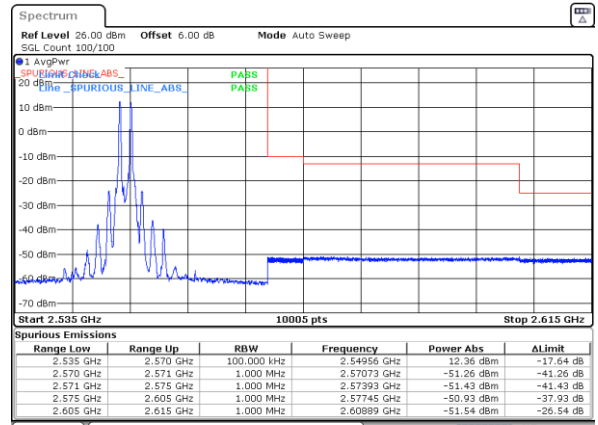
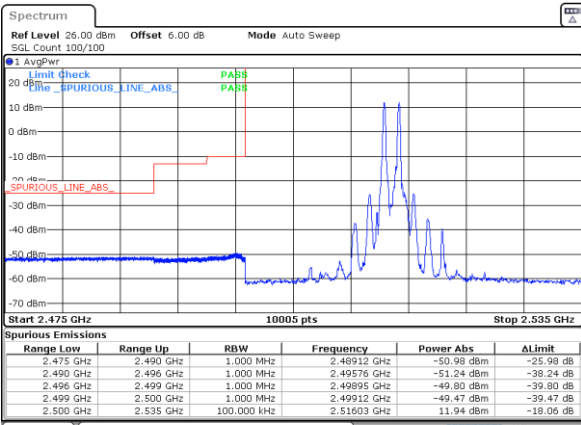


Date: 15.APR.2023 09:56:49

Date: 15.APR.2023 10:11:44

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

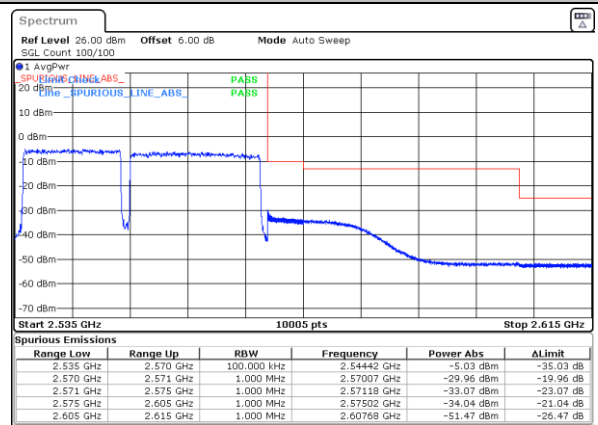
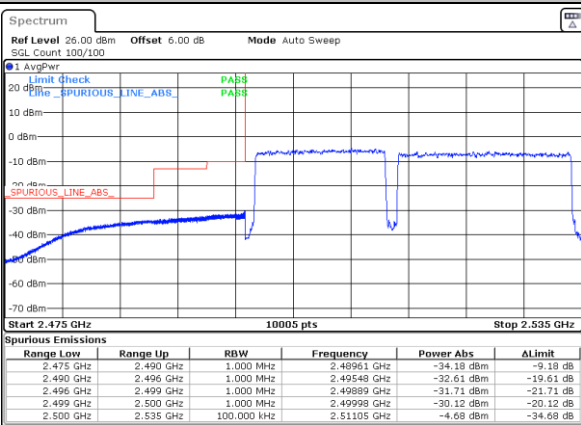


Date: 15.APR.2023 10:00:19

Date: 15.APR.2023 10:15:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 10:03:49

Date: 15.APR.2023 10:18:42

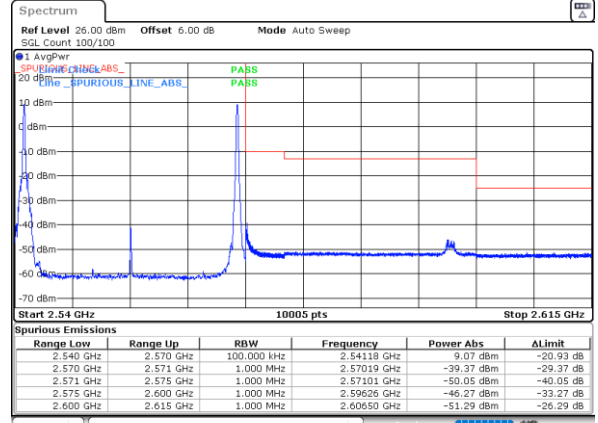
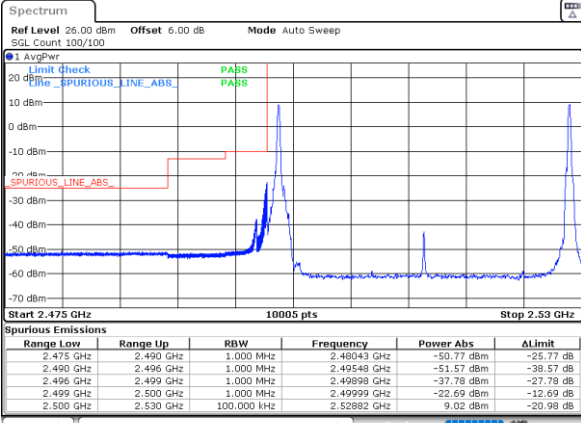


LTE Band 7C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

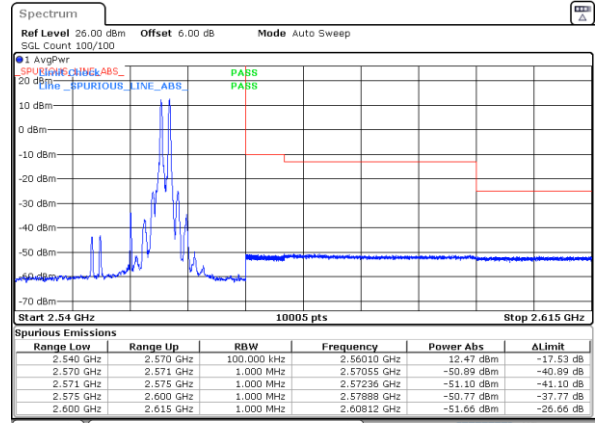
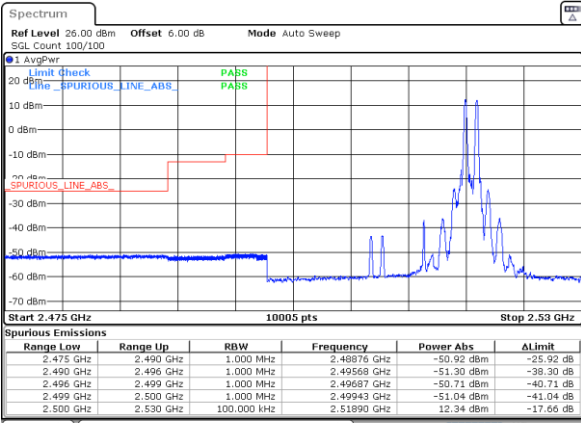


Date: 15.APR.2023 10:24:26

Date: 15.APR.2023 10:13:21

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

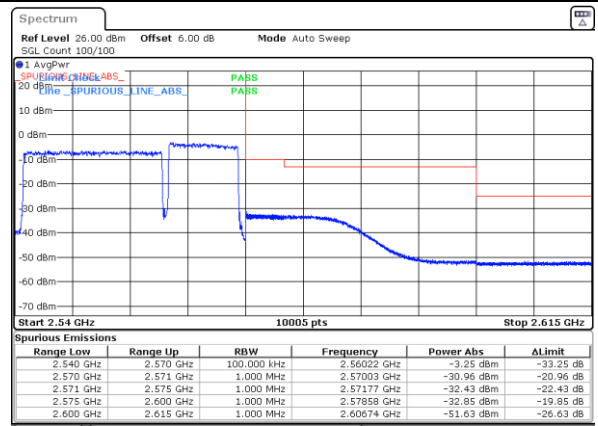
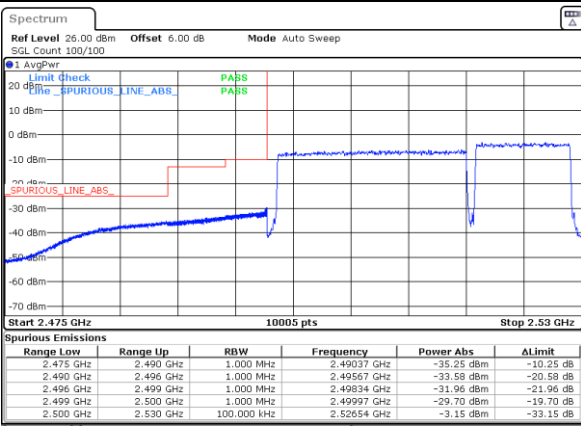


Date: 15.APR.2023 10:27:56

Date: 15.APR.2023 10:42:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15.APR.2023 10:31:27

Date: 15.APR.2023 10:46:20

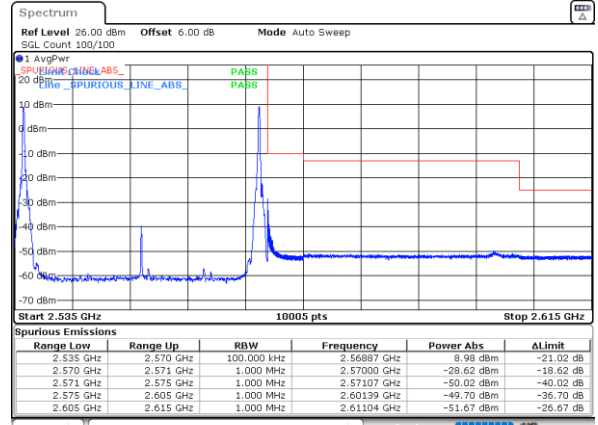
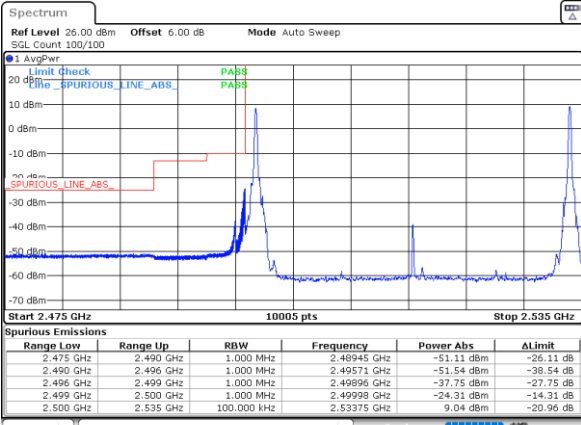


LTE Band 7C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

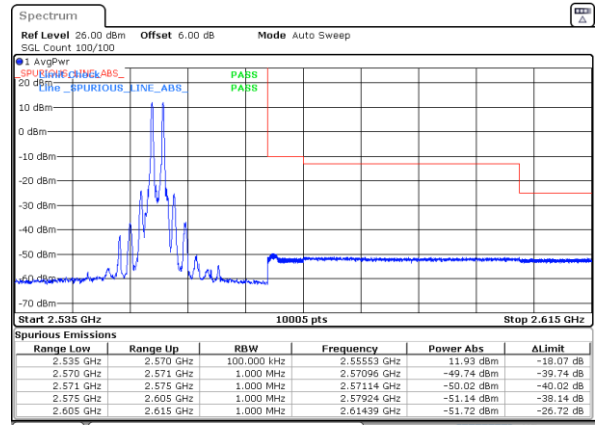
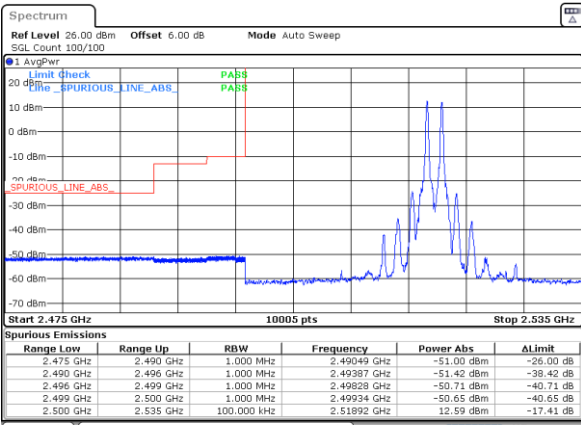


Date: 15_APR.2023 10:52:04

Date: 15_APR.2023 11:07:00

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

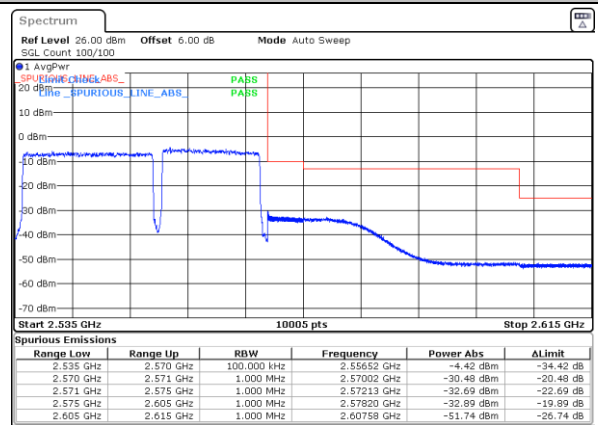
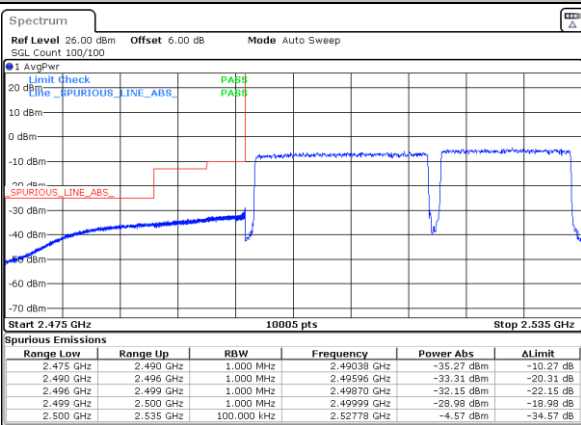


Date: 15_APR.2023 10:55:34

Date: 15_APR.2023 11:10:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15_APR.2023 10:59:04

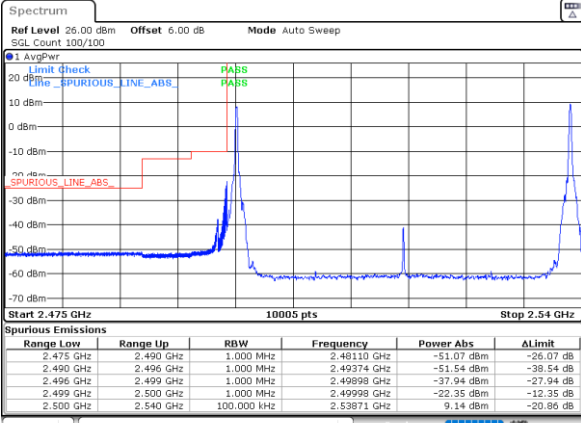
Date: 15_APR.2023 11:13:58



LTE Band 7C / 20MHz+20MHz

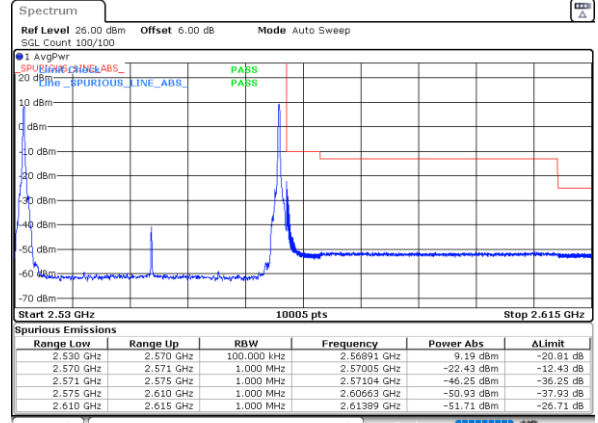
256QAM

Lowest Band Edge / 1RB0 and 1RB9



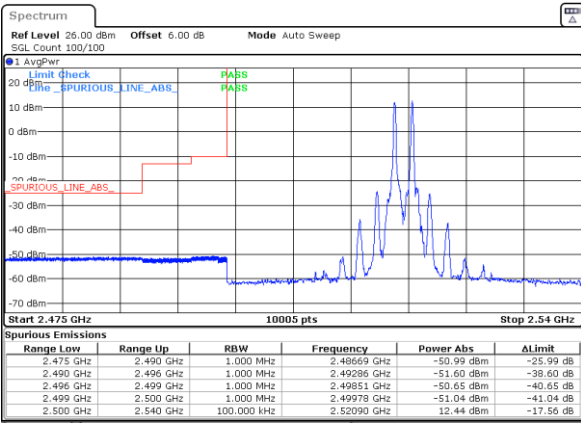
Date: 15.APR.2023 11:19:42

Highest Band Edge / 1RB0 and 1RB9



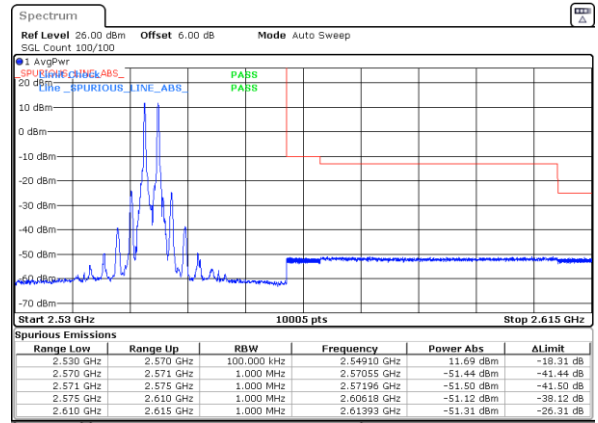
Date: 15.APR.2023 11:34:37

Lowest Band Edge / 1RB99 and 1RB0



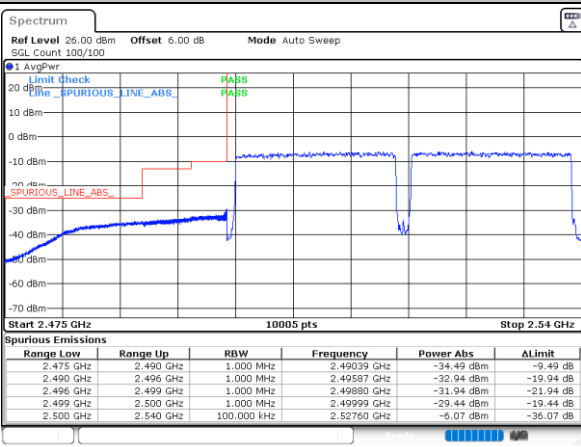
Date: 15.APR.2023 11:23:12

Highest Band Edge / 1RB99 and 1RB0



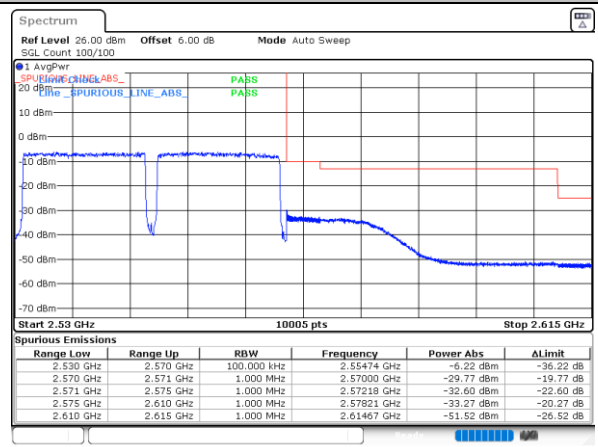
Date: 15.APR.2023 11:38:07

Lowest Band Edge / Full RB



Date: 15.APR.2023 11:26:42

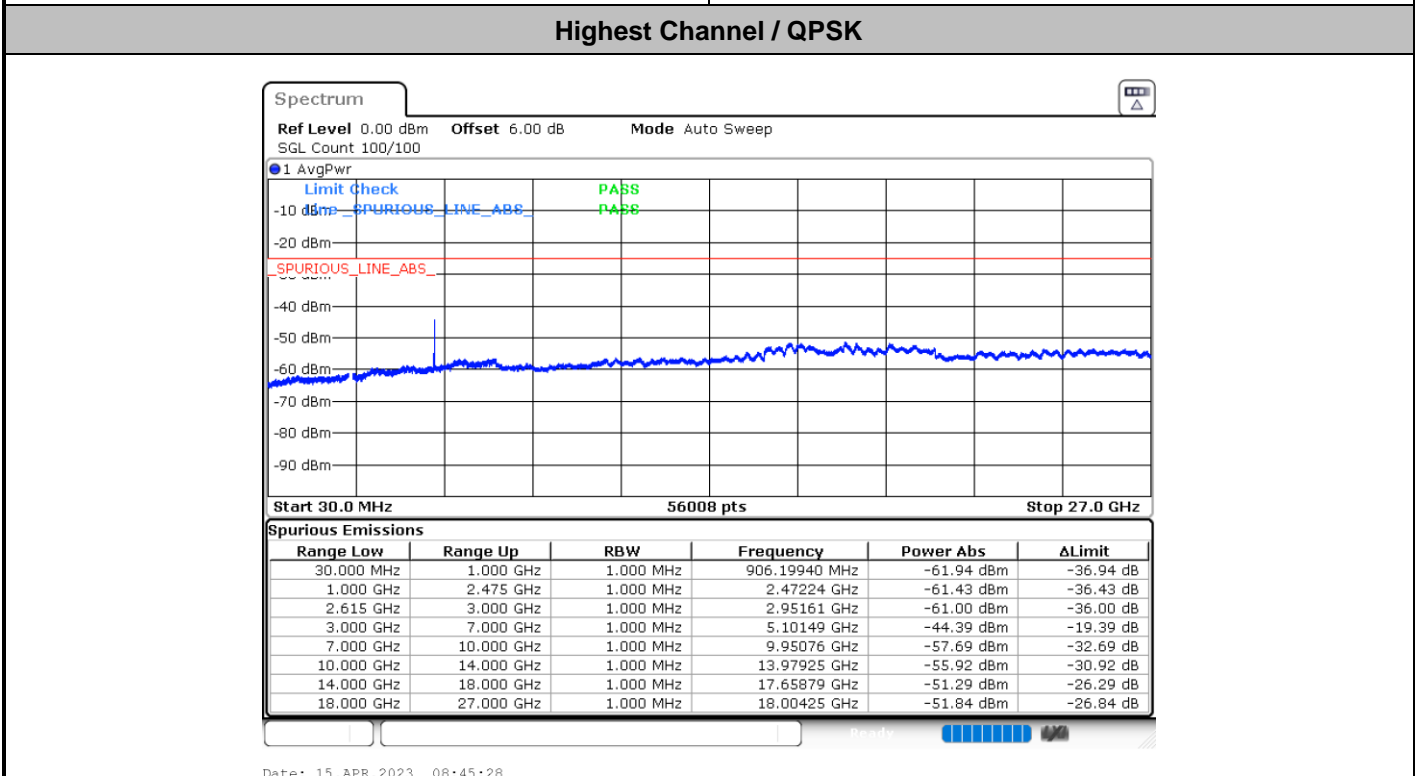
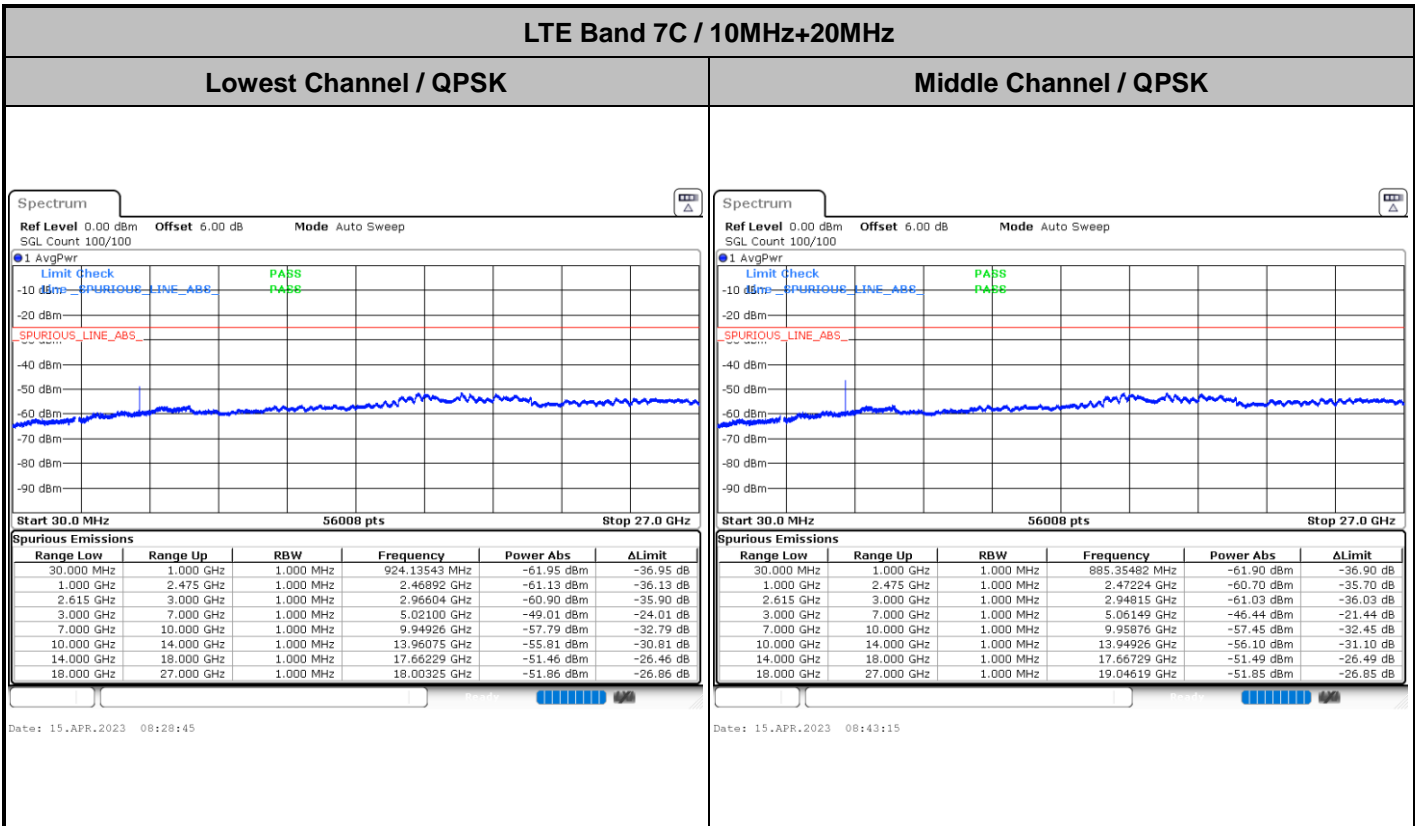
Highest Band Edge / Full RB



Date: 15.APR.2023 11:41:36



Conducted Spurious Emission

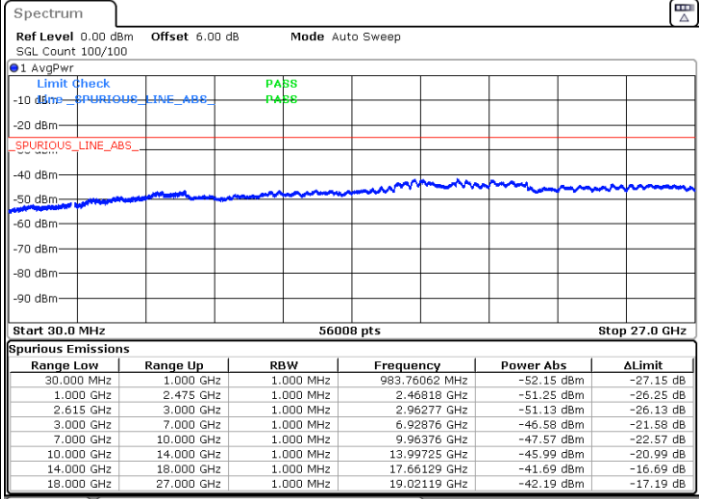
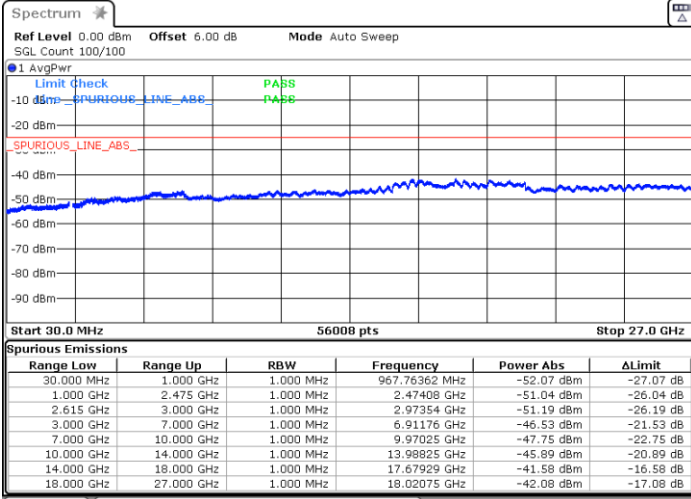




LTE Band 7C / 15MHz+10MHz

Lowest Channel / QPSK

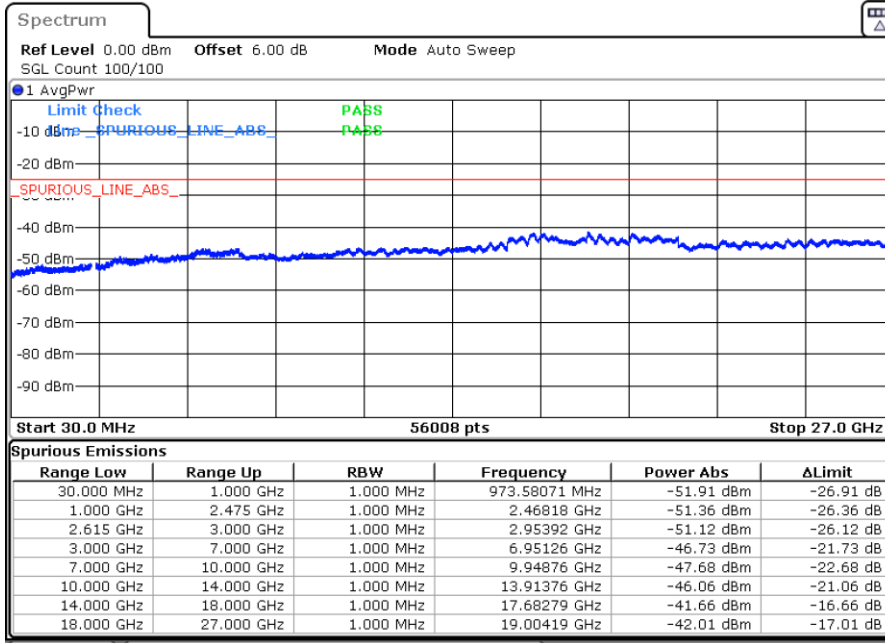
Middle Channel / QPSK



Date: 15.APR.2023 08:58:09

Date: 15.APR.2023 09:10:51

Highest Channel / QPSK



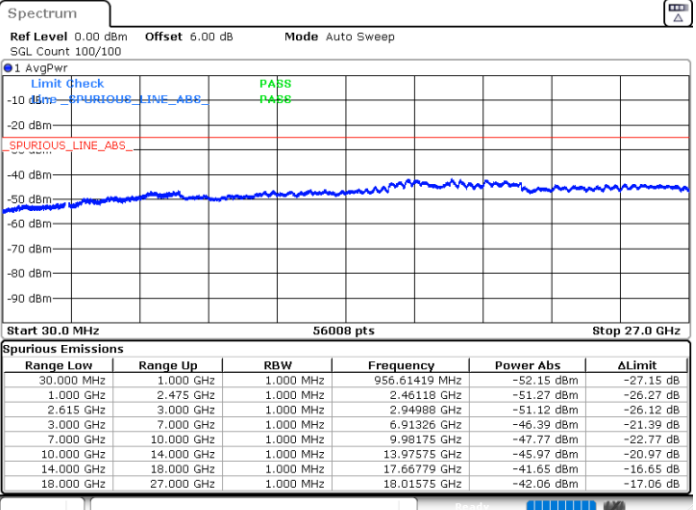
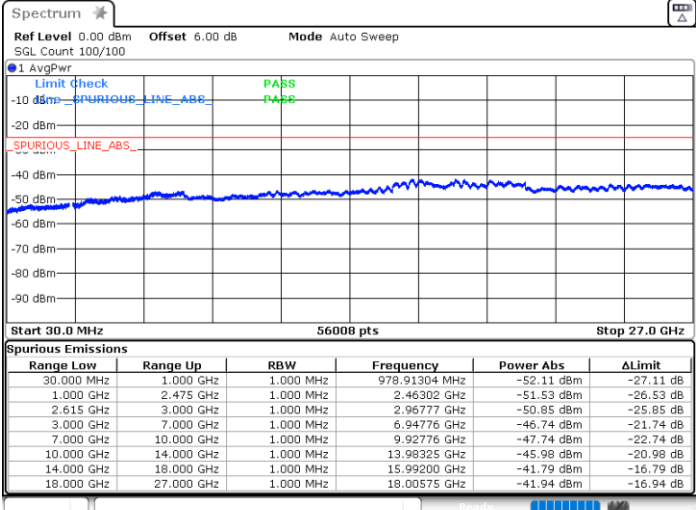
Date: 15.APR.2023 09:13:04



LTE Band 7C / 15MHz+15MHz

Lowest Channel / QPSK

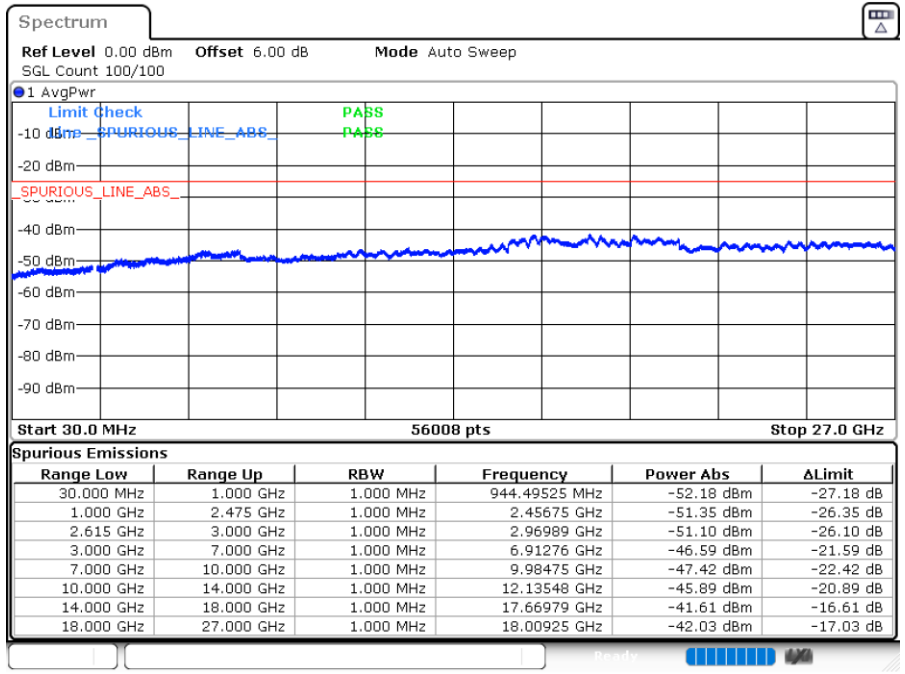
Middle Channel / QPSK



Date: 15.APR.2023 09:25:43

Date: 15.APR.2023 09:38:26

Highest Channel / QPSK



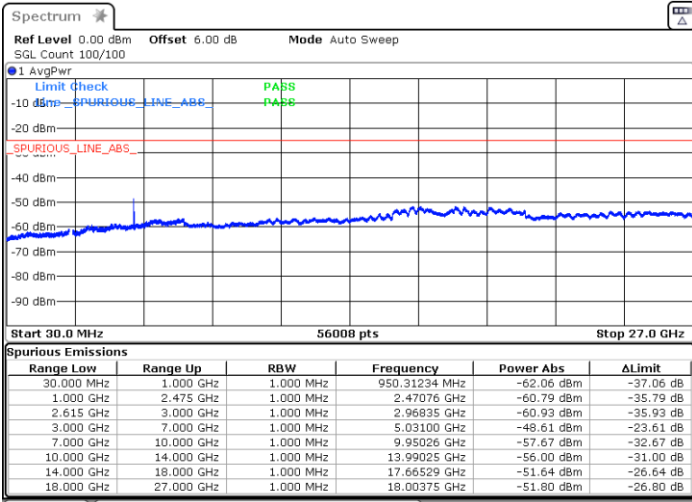
Date: 15.APR.2023 09:40:38



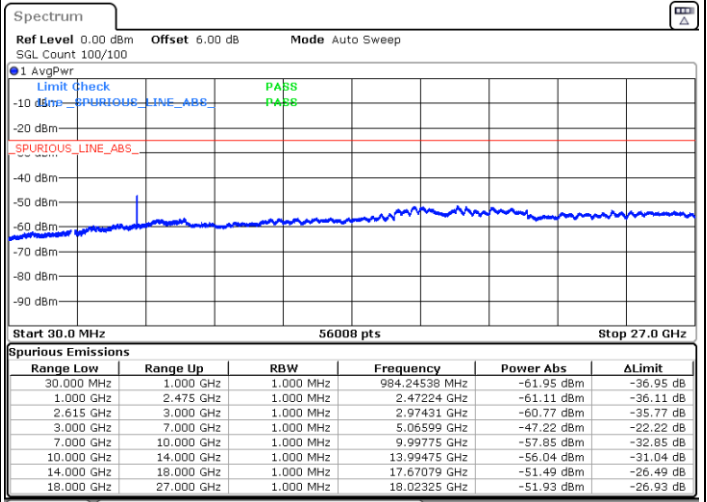
LTE Band 7C / 15MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

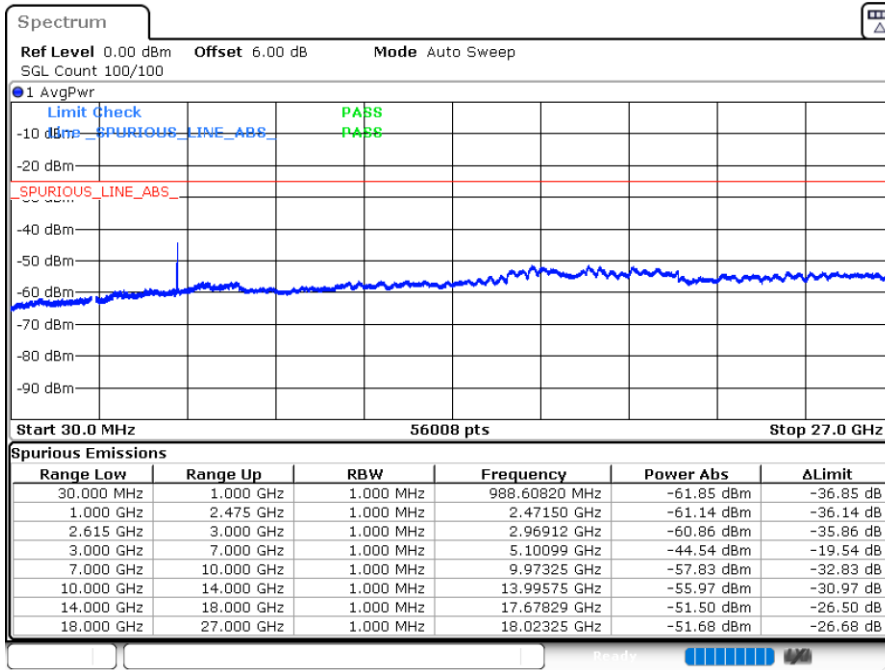


Date: 15.APR.2023 09:53:19



Date: 15.APR.2023 10:06:03

Highest Channel / QPSK



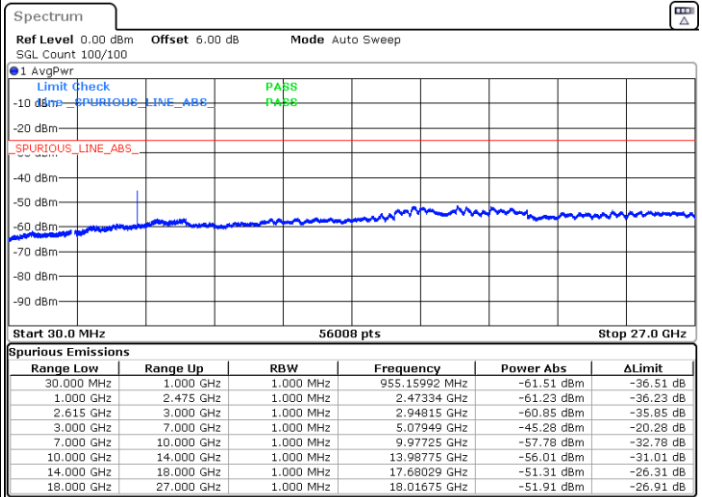
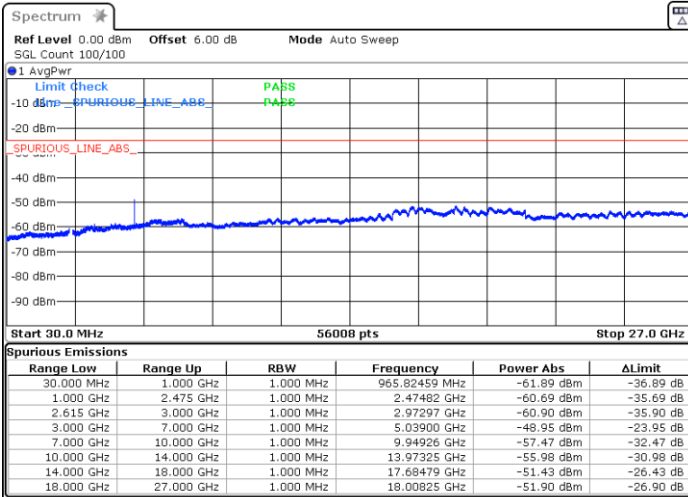
Date: 15.APR.2023 10:08:16



LTE Band 7C / 20MHz+10MHz

Lowest Channel / QPSK

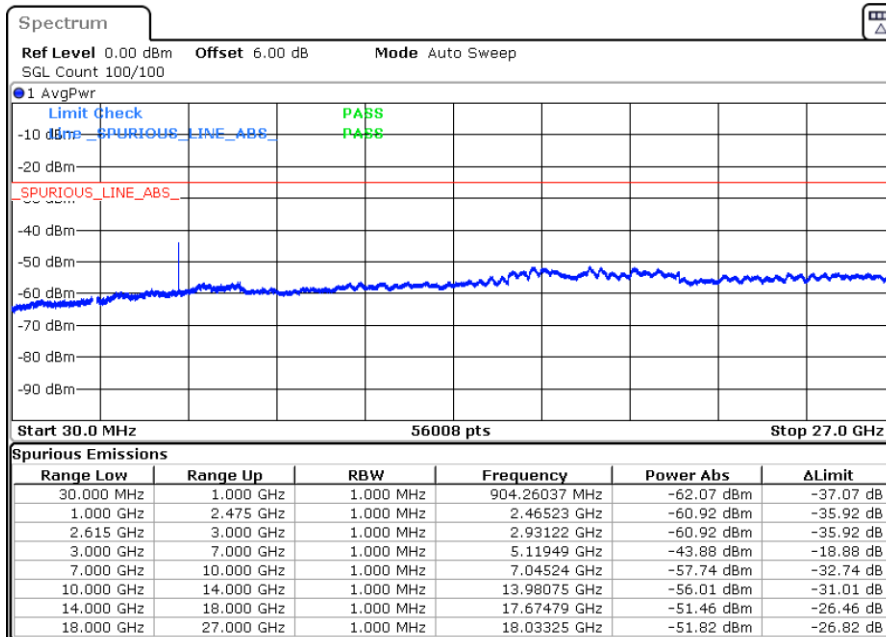
Middle Channel / QPSK



Date: 15.APR.2023 10:20:56

Date: 15.APR.2023 10:33:40

Highest Channel / QPSK



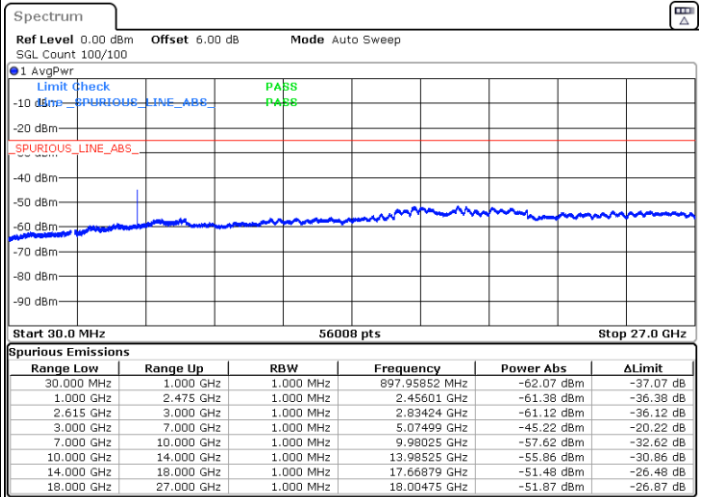
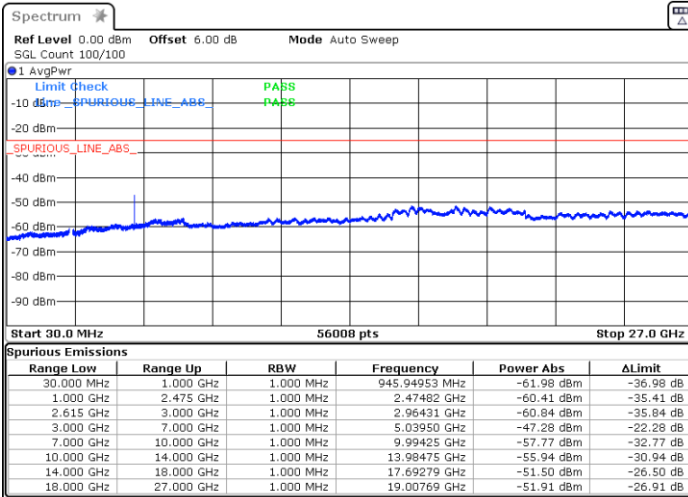
Date: 15.APR.2023 10:35:53



LTE Band 7C / 20MHz+15MHz

Lowest Channel / QPSK

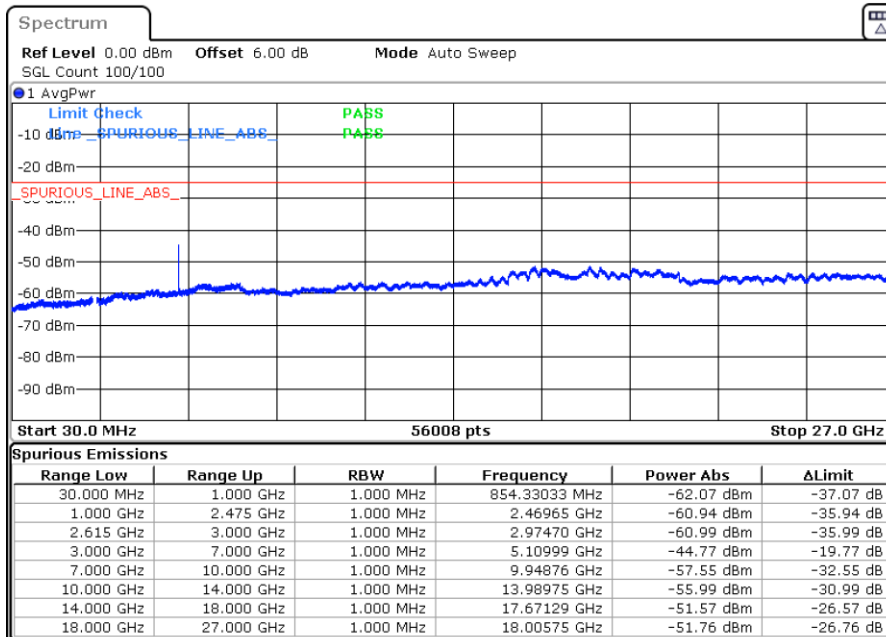
Middle Channel / QPSK



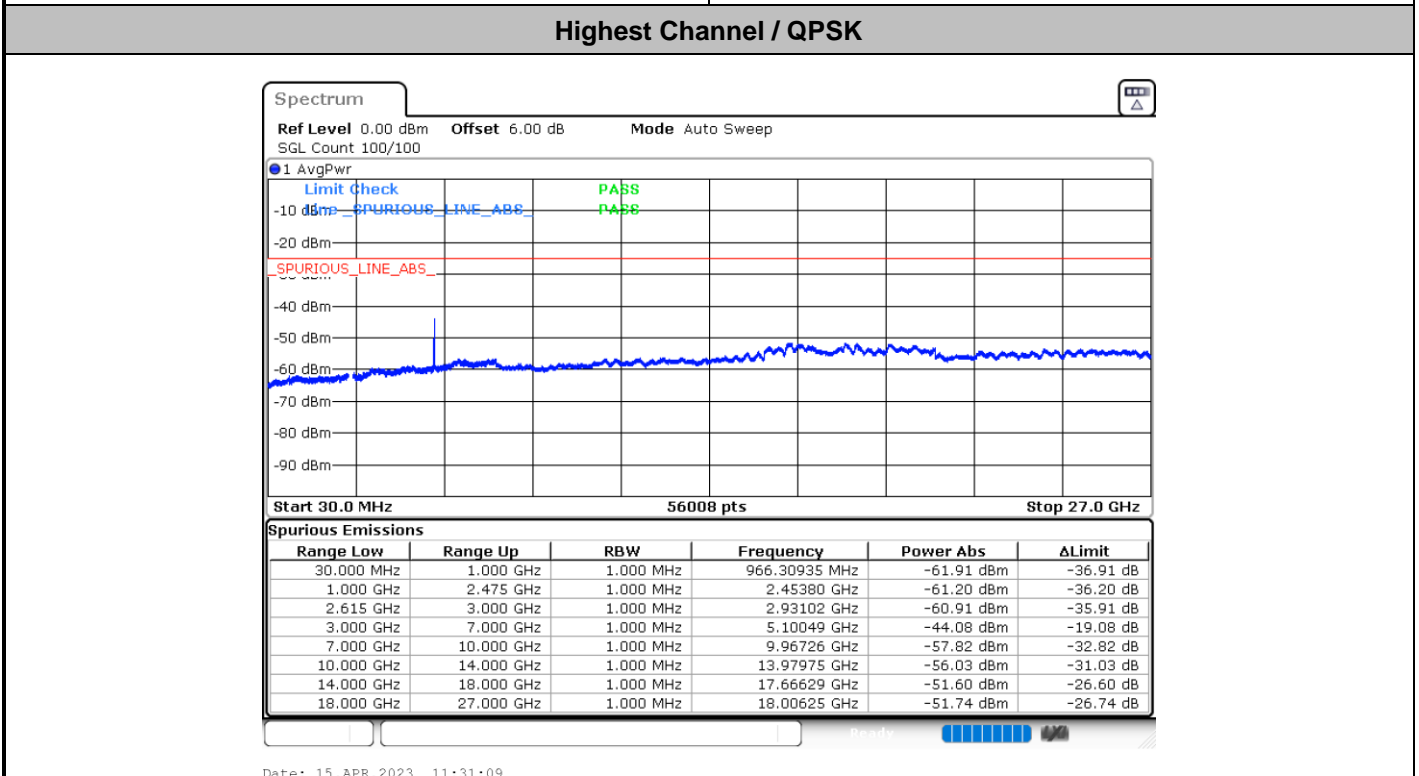
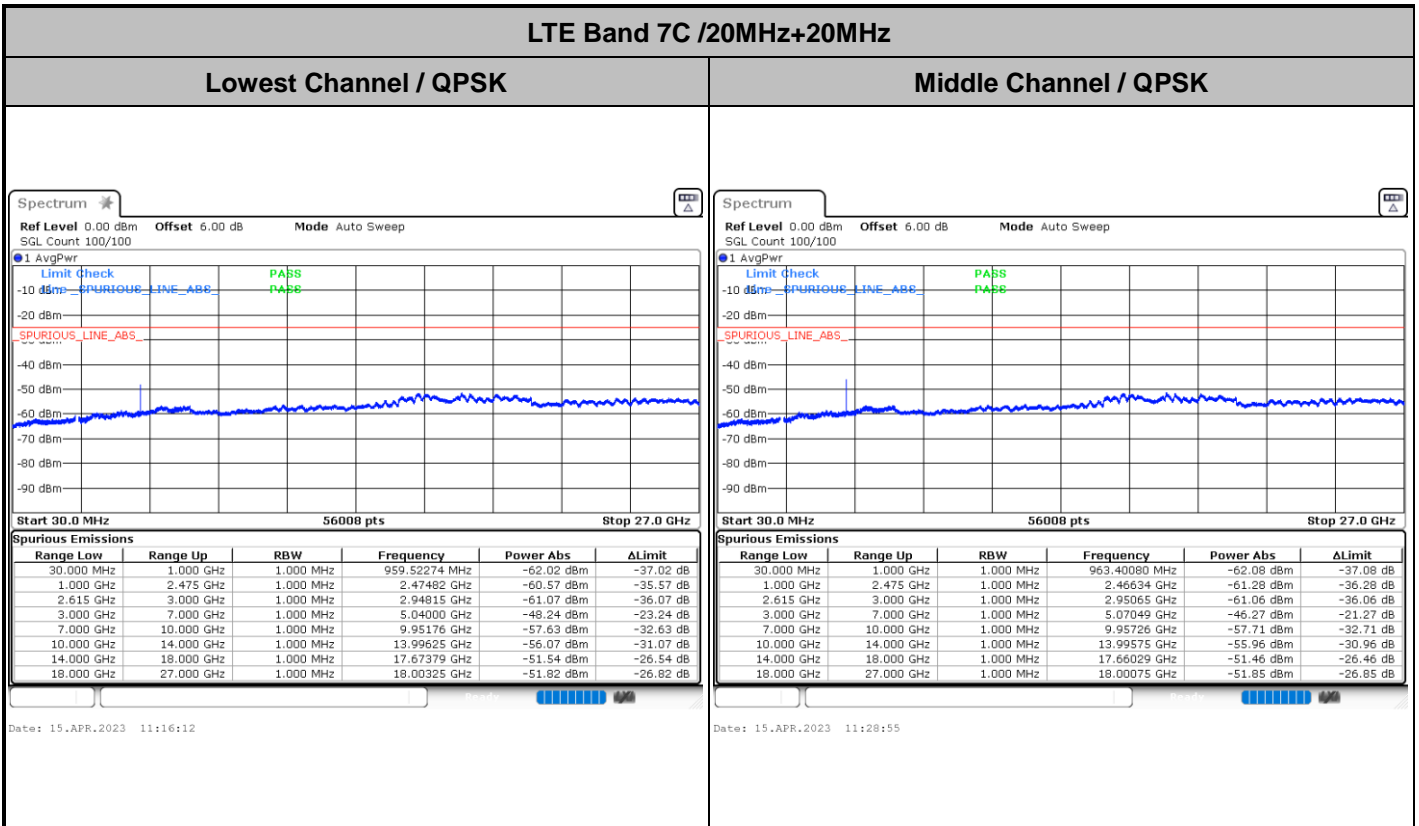
Date: 15.APR.2023 10:48:34

Date: 15.APR.2023 11:01:17

Highest Channel / QPSK



Date: 15.APR.2023 11:03:30





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	0.0038	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41(Main PA)

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.71	5.97	7.16	7.39	PASS

