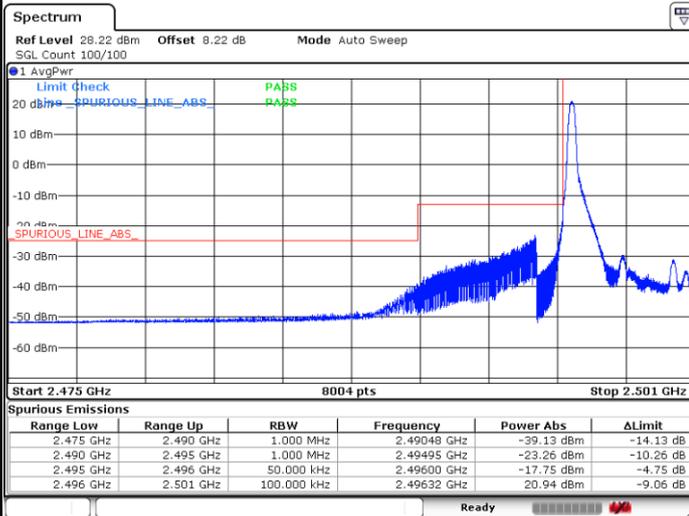




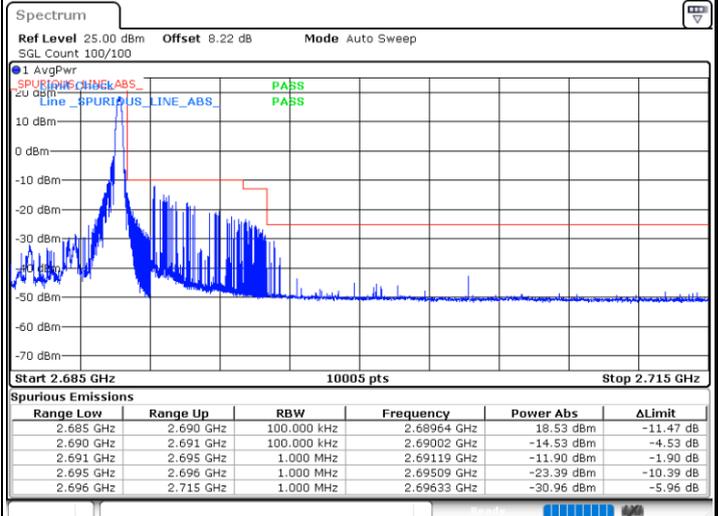
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



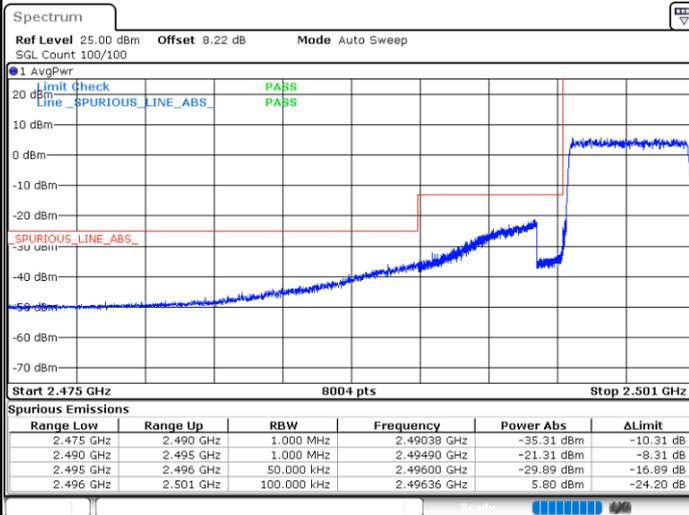
Date: 3.FEB.2022 15:05:29

Highest Band Edge / 1 RB



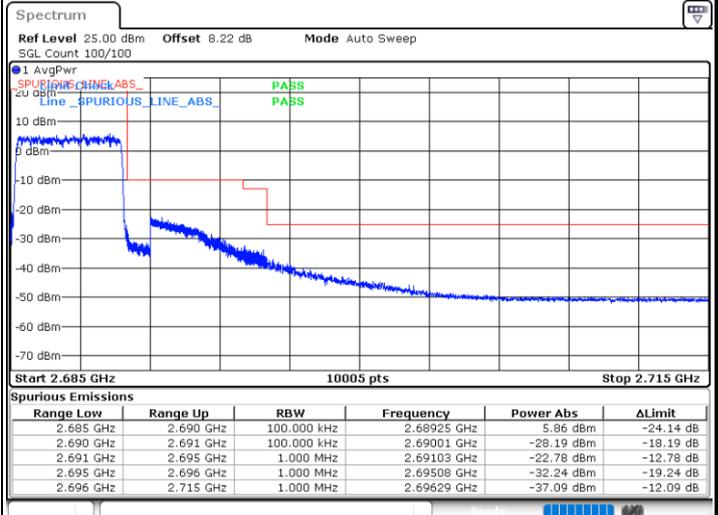
Date: 27.JAN.2022 22:06:47

Lowest Band Edge / Full RB



Date: 27.JAN.2022 21:59:09

Highest Band Edge / Full RB

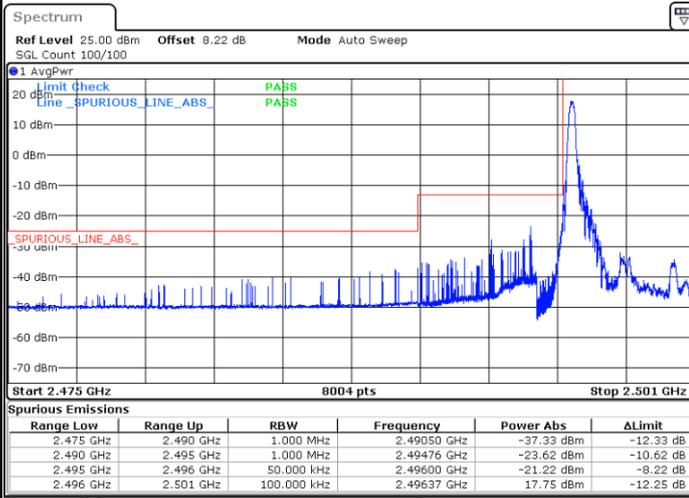


Date: 27.JAN.2022 22:10:57



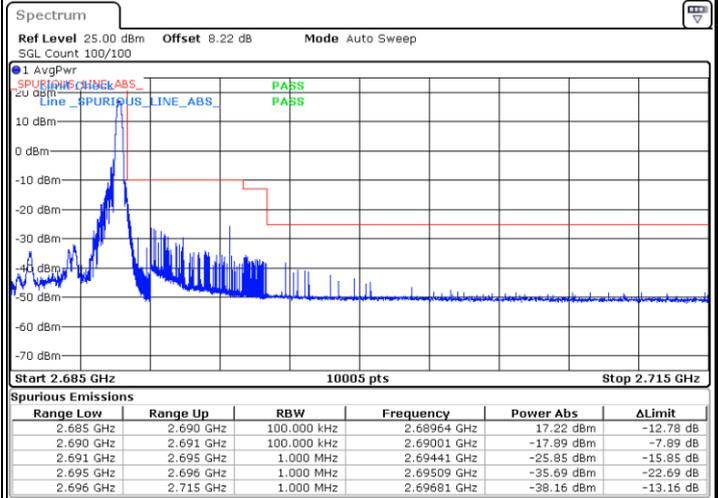
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



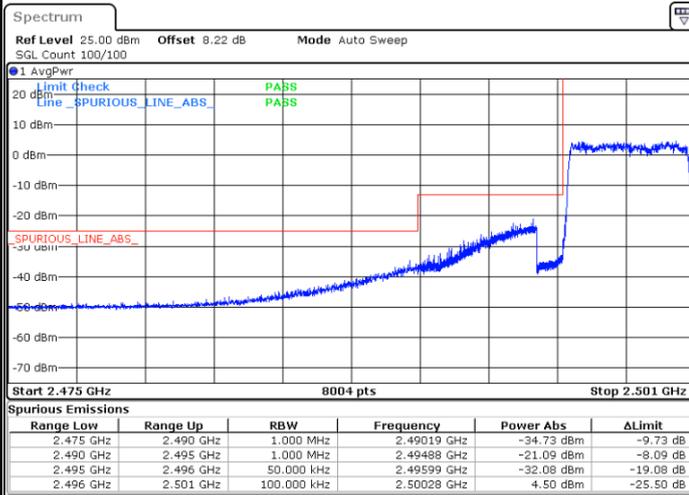
Date: 27.JAN.2022 21:56:21

Highest Band Edge / 1 RB



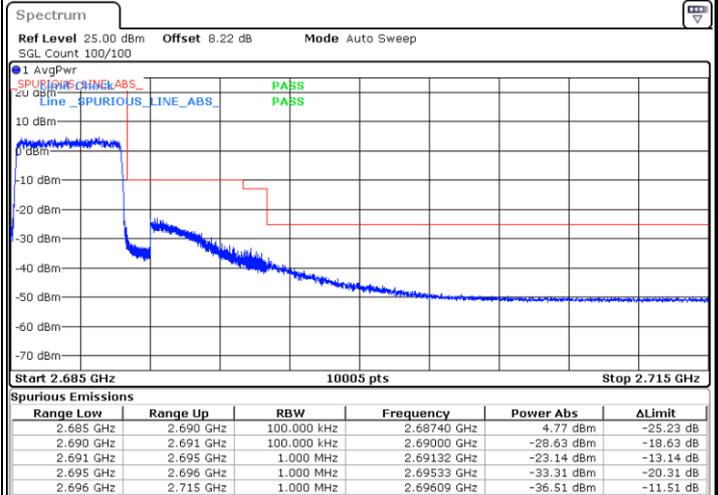
Date: 27.JAN.2022 22:08:10

Lowest Band Edge / Full RB



Date: 27.JAN.2022 21:57:45

Highest Band Edge / Full RB

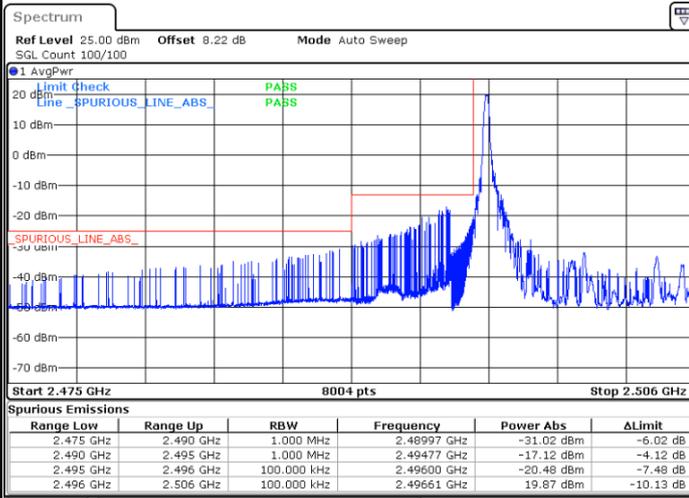


Date: 27.JAN.2022 22:09:34



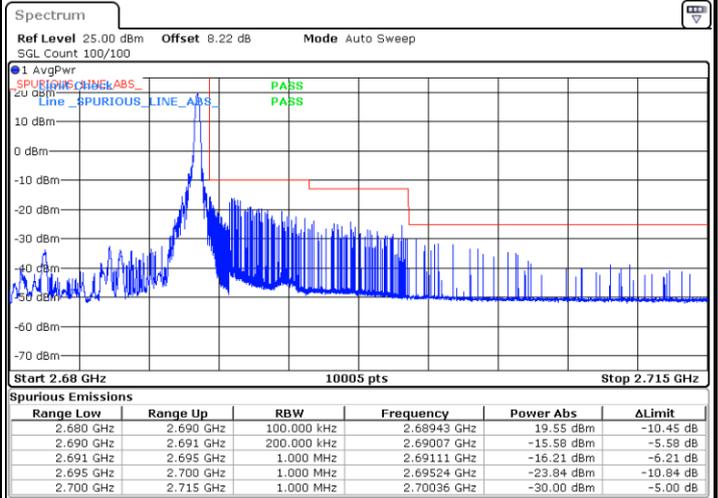
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



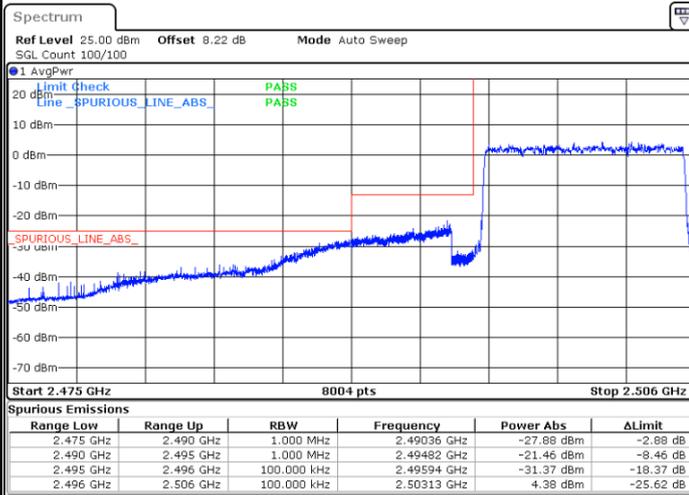
Date: 27.JAN.2022 22:15:19

Highest Band Edge / 1 RB



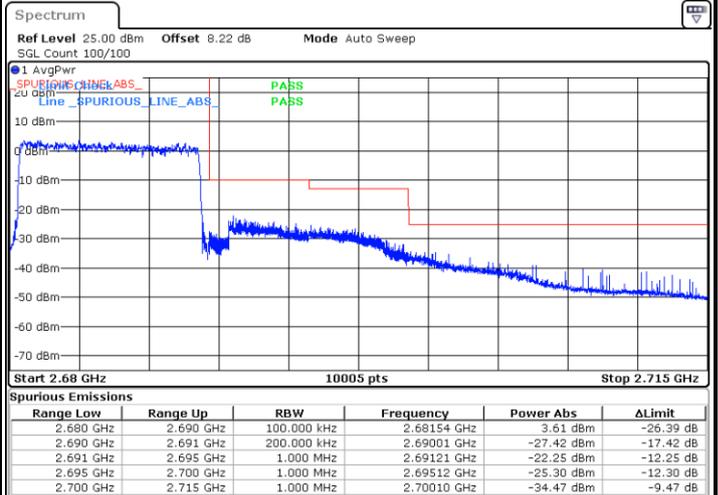
Date: 27.JAN.2022 22:27:08

Lowest Band Edge / Full RB



Date: 27.JAN.2022 22:22:19

Highest Band Edge / Full RB

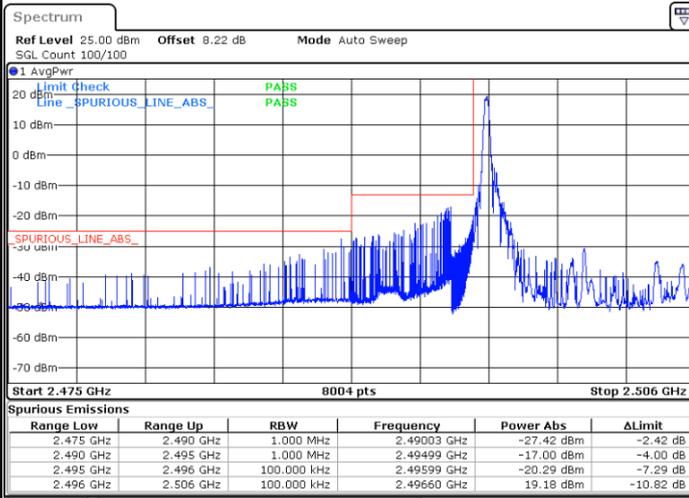


Date: 27.JAN.2022 22:34:07



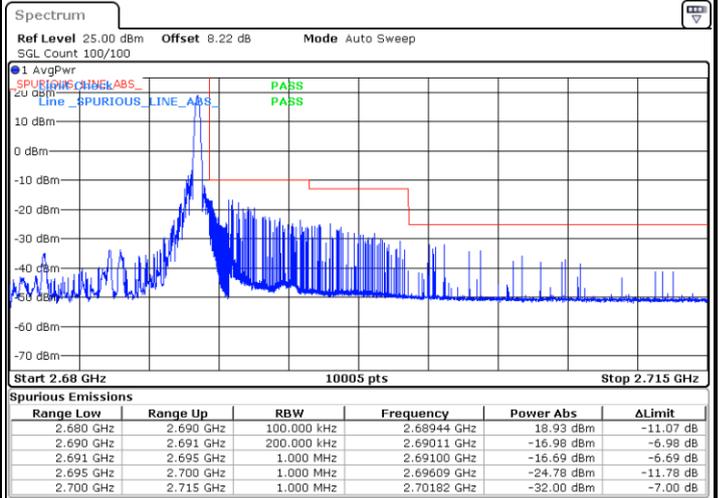
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



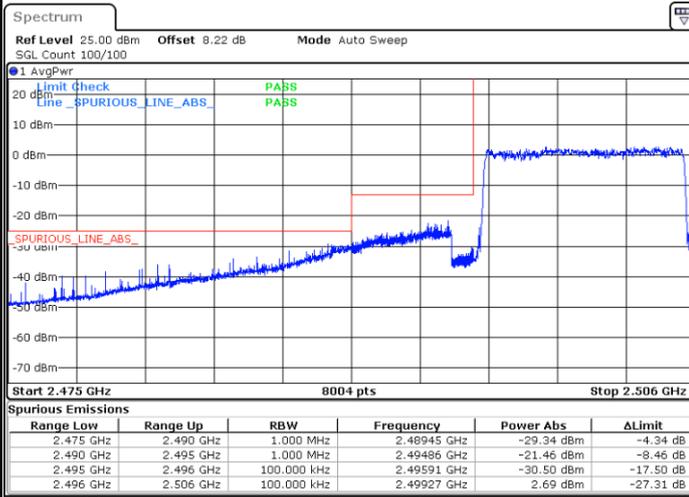
Date: 27.JAN.2022 22:16:43

Highest Band Edge / 1 RB



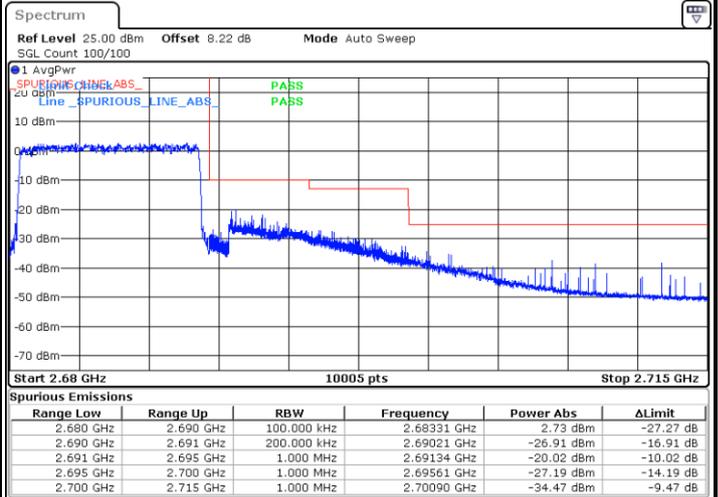
Date: 27.JAN.2022 22:28:31

Lowest Band Edge / Full RB



Date: 27.JAN.2022 22:20:55

Highest Band Edge / Full RB

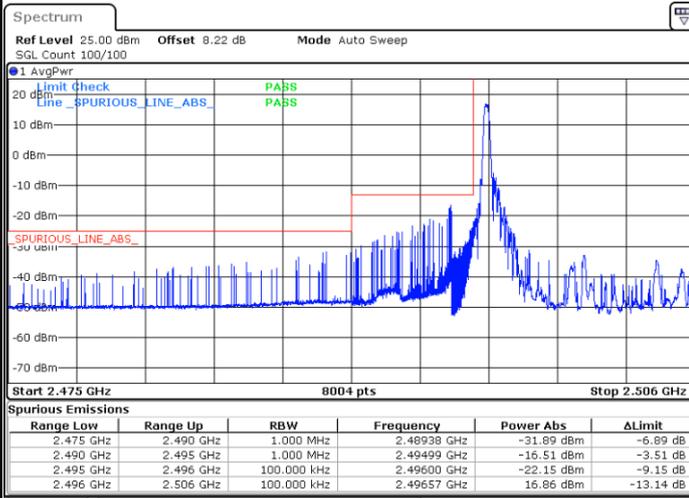


Date: 27.JAN.2022 22:32:43



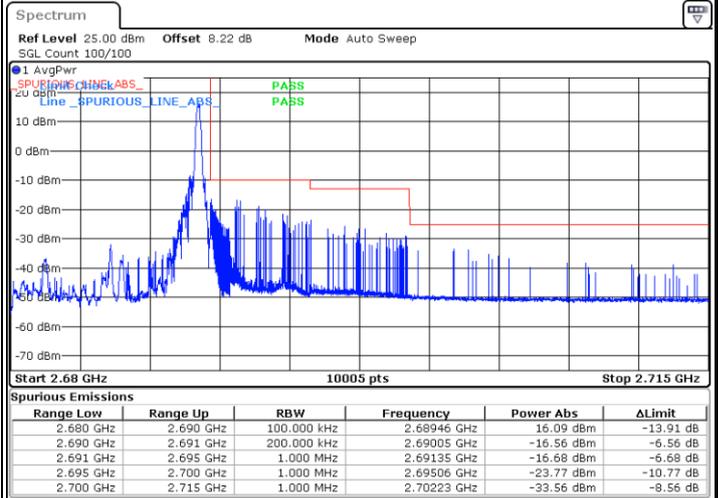
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



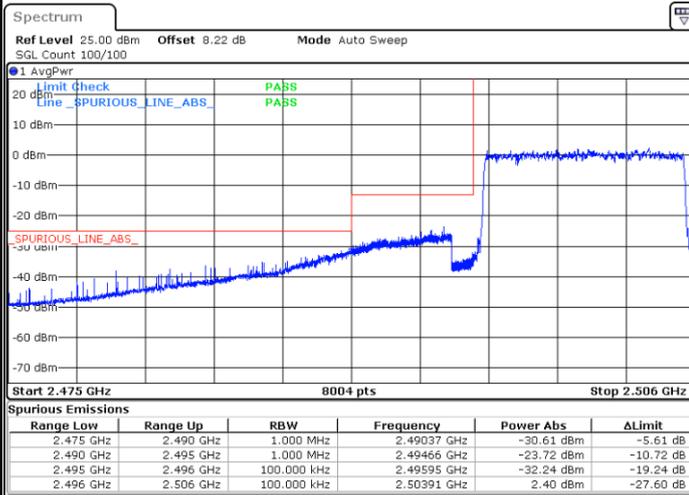
Date: 27.JAN.2022 22:18:07

Highest Band Edge / 1 RB



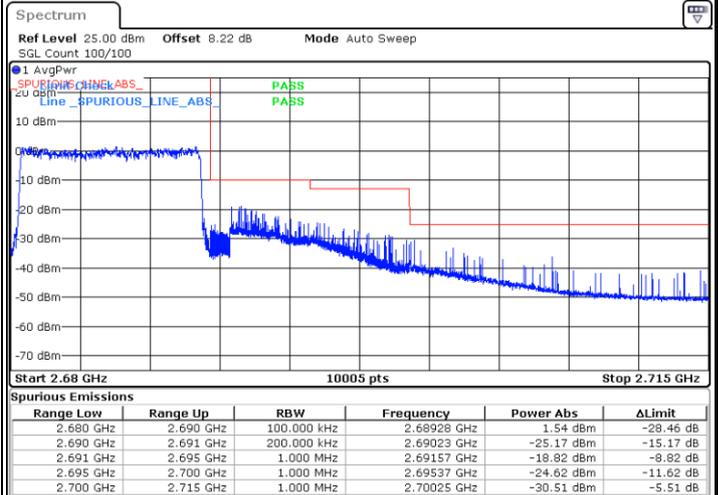
Date: 27.JAN.2022 22:29:55

Lowest Band Edge / Full RB



Date: 27.JAN.2022 22:19:31

Highest Band Edge / Full RB

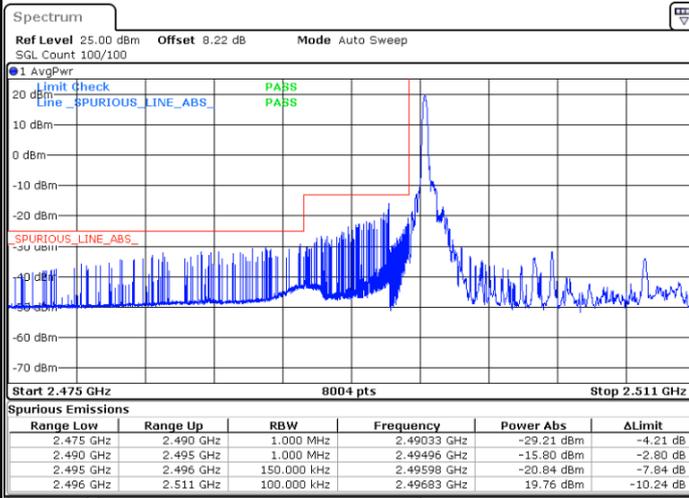


Date: 27.JAN.2022 22:31:19



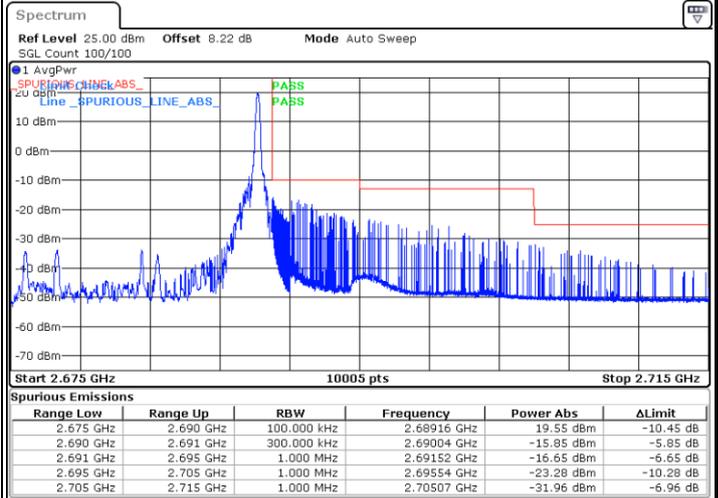
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



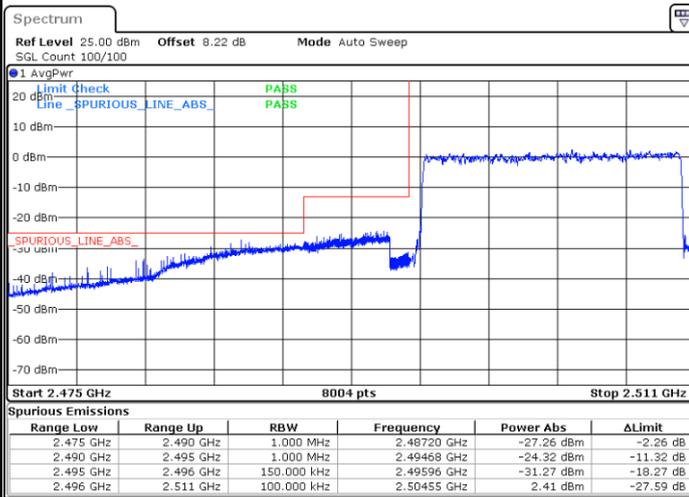
Date: 27.JAN.2022 22:37:06

Highest Band Edge / 1 RB



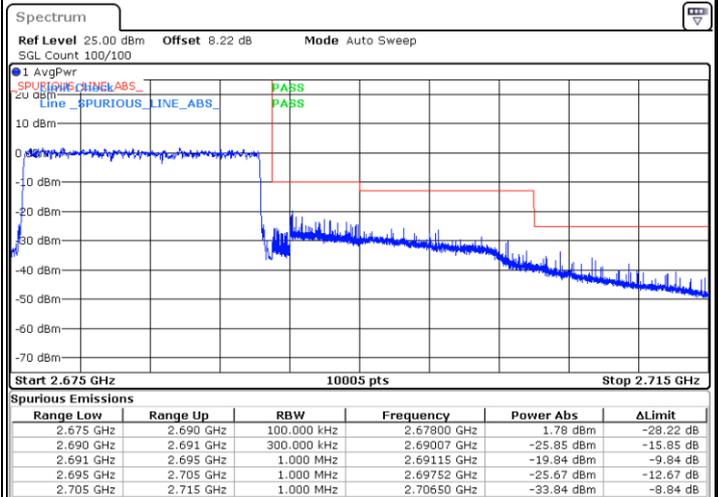
Date: 27.JAN.2022 22:48:54

Lowest Band Edge / Full RB



Date: 27.JAN.2022 22:44:05

Highest Band Edge / Full RB

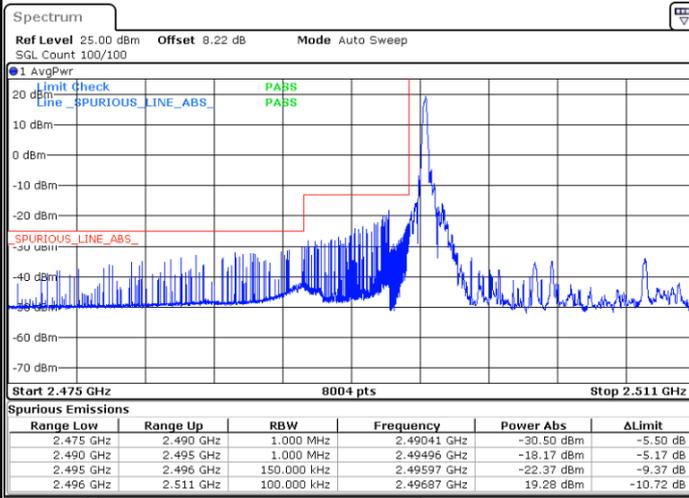


Date: 27.JAN.2022 22:55:51



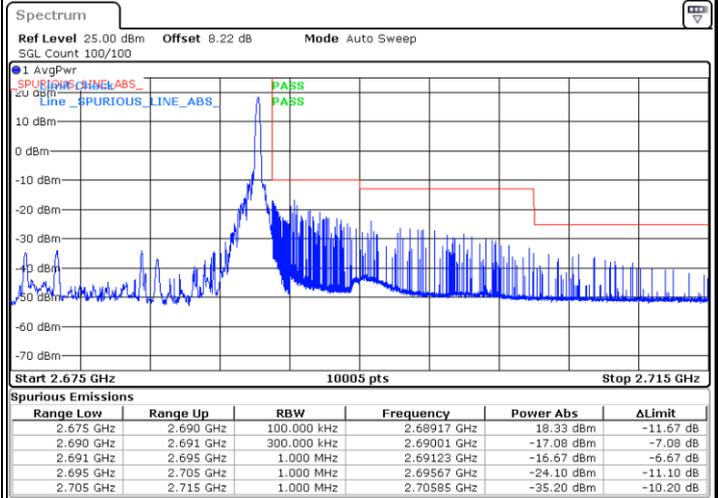
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



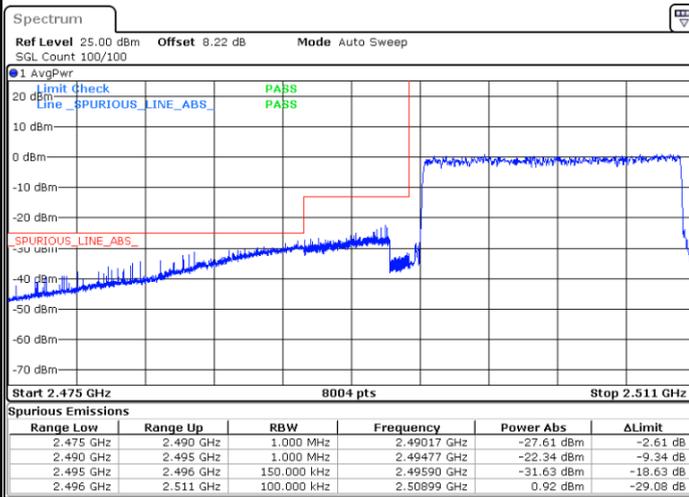
Date: 27. JAN. 2022 22:38:29

Highest Band Edge / 1 RB



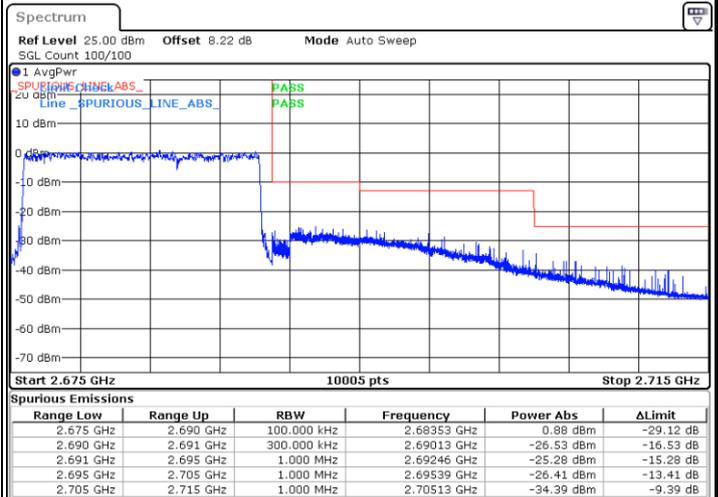
Date: 27. JAN. 2022 22:50:17

Lowest Band Edge / Full RB



Date: 27. JAN. 2022 22:42:41

Highest Band Edge / Full RB

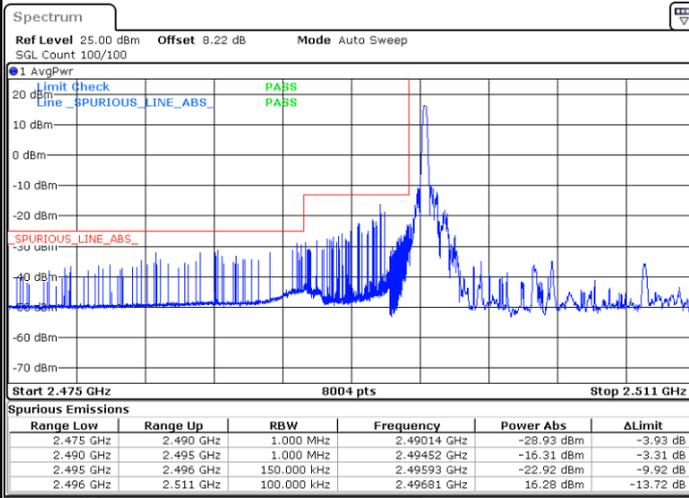


Date: 27. JAN. 2022 22:54:27



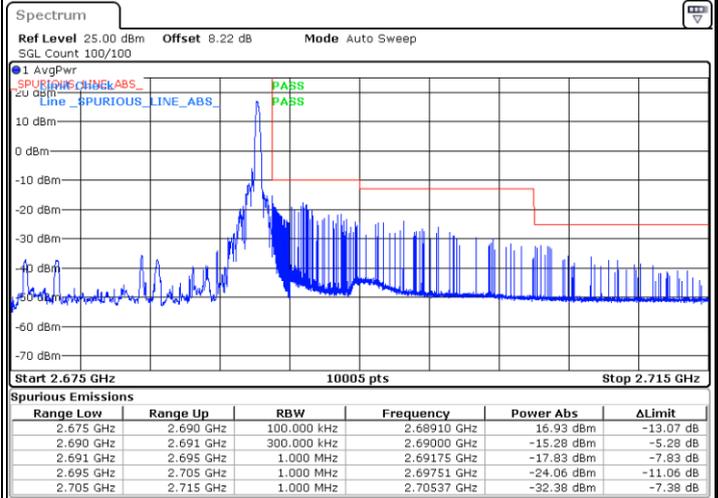
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



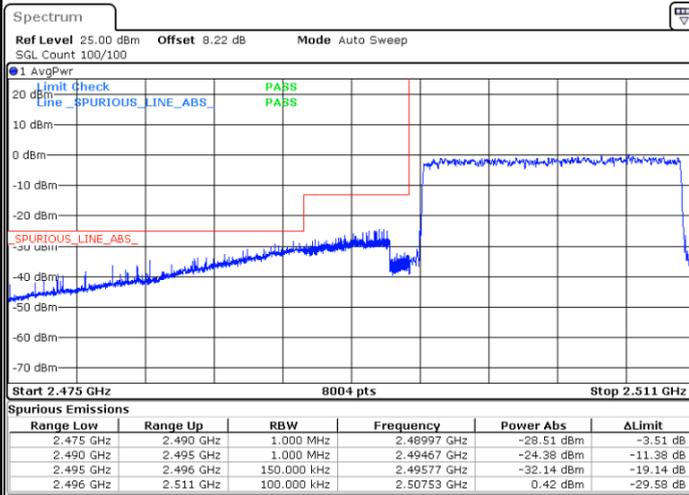
Date: 27.JAN.2022 22:39:53

Highest Band Edge / 1 RB



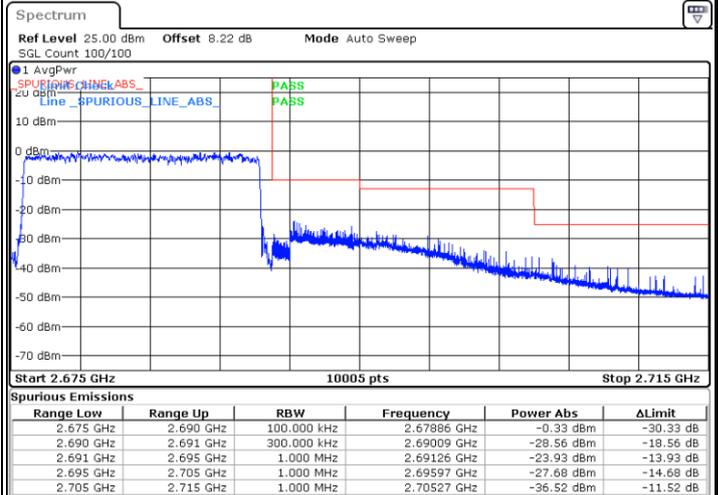
Date: 27.JAN.2022 22:51:41

Lowest Band Edge / Full RB



Date: 27.JAN.2022 22:41:17

Highest Band Edge / Full RB

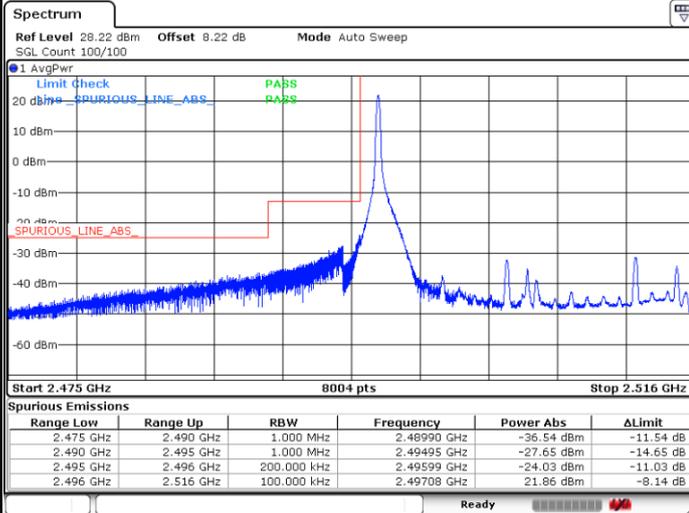


Date: 27.JAN.2022 22:53:04



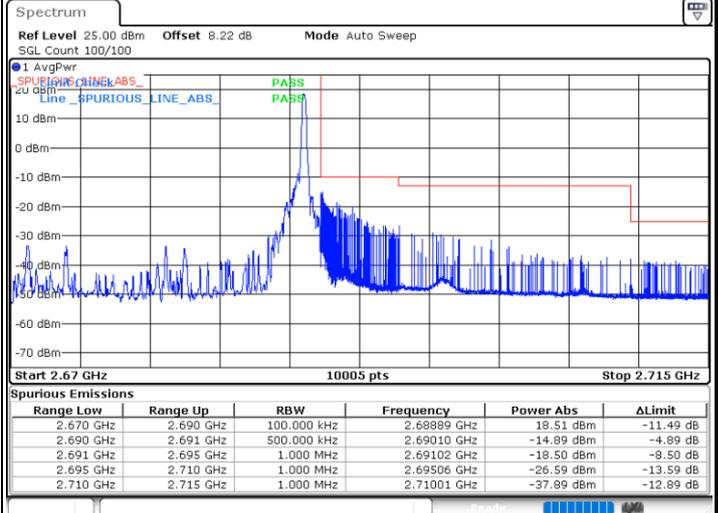
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



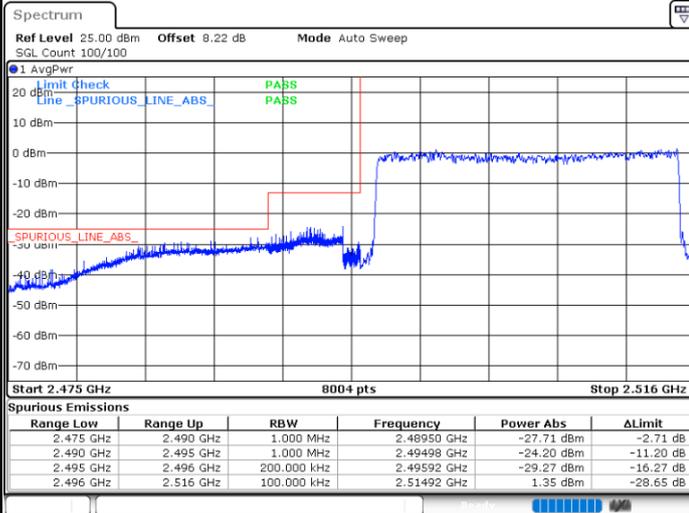
Date: 3.FEB.2022 15:20:05

Highest Band Edge / 1 RB



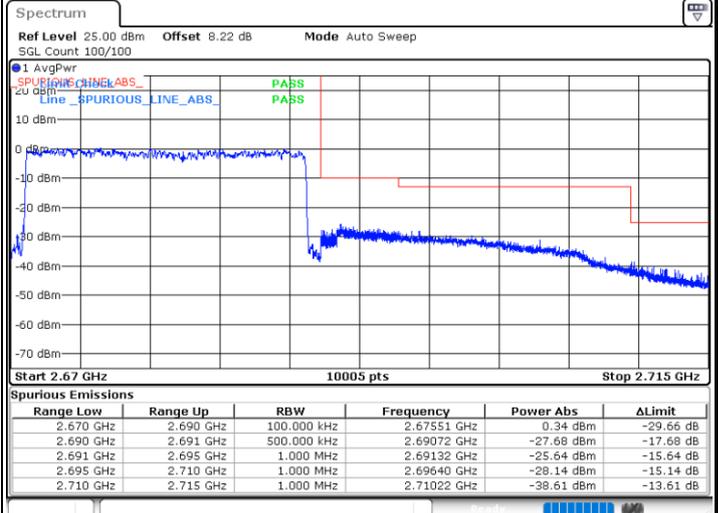
Date: 27.JAN.2022 23:10:38

Lowest Band Edge / Full RB



Date: 27.JAN.2022 23:05:48

Highest Band Edge / Full RB

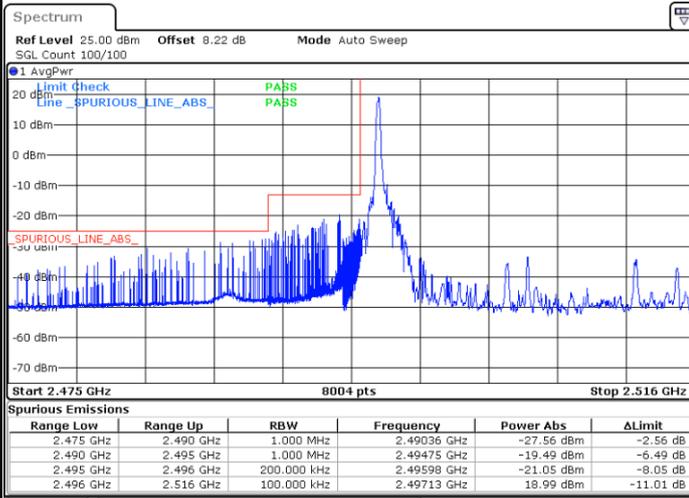


Date: 27.JAN.2022 23:17:35



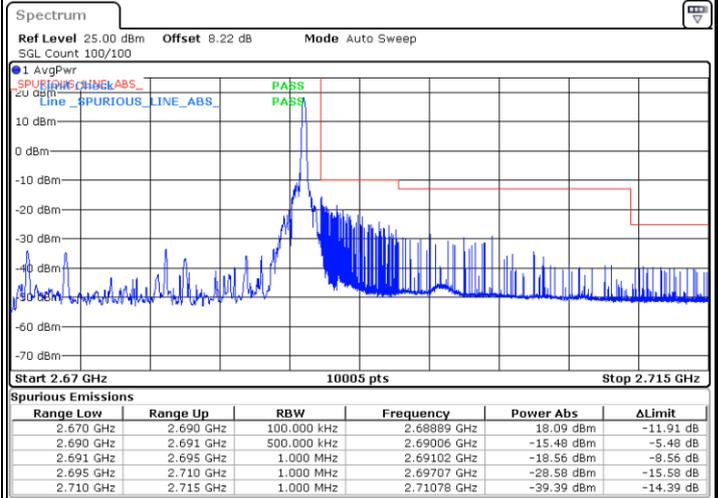
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



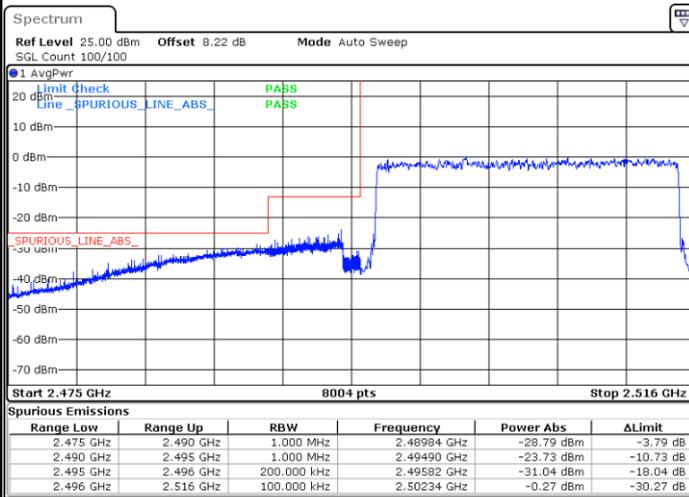
Date: 27.JAN.2022 23:00:13

Highest Band Edge / 1 RB



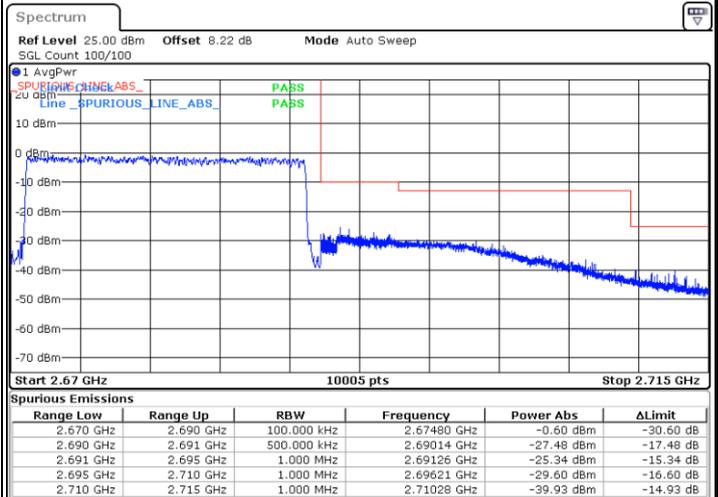
Date: 27.JAN.2022 23:12:01

Lowest Band Edge / Full RB



Date: 27.JAN.2022 23:04:24

Highest Band Edge / Full RB

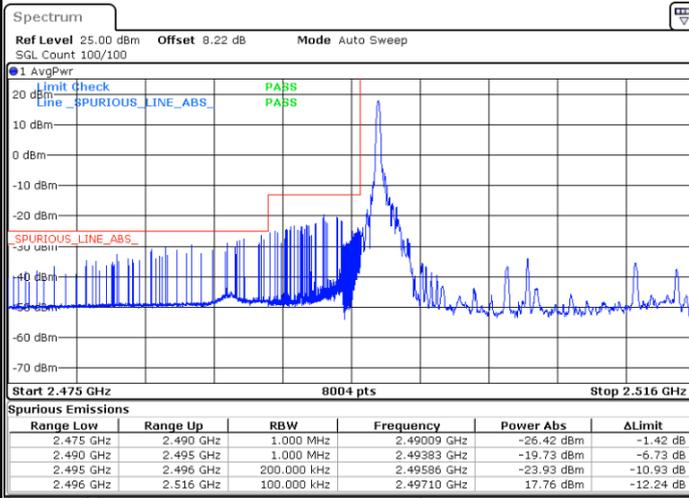


Date: 27.JAN.2022 23:16:12



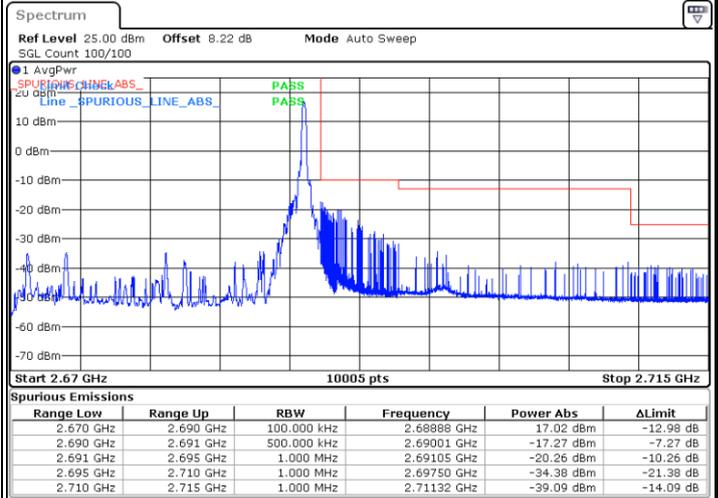
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



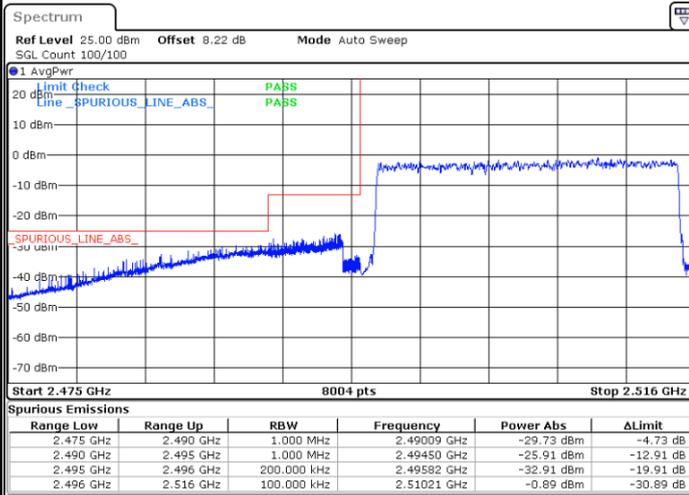
Date: 27.JAN.2022 23:01:37

Highest Band Edge / 1 RB



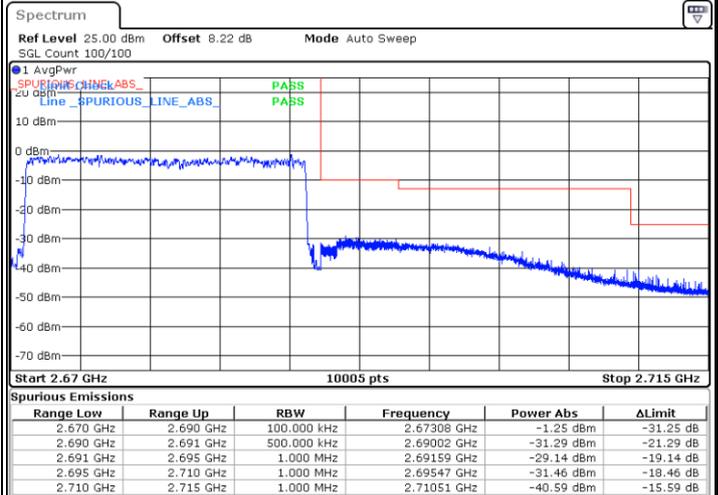
Date: 27.JAN.2022 23:13:25

Lowest Band Edge / Full RB



Date: 27.JAN.2022 23:03:00

Highest Band Edge / Full RB



Date: 27.JAN.2022 23:14:48

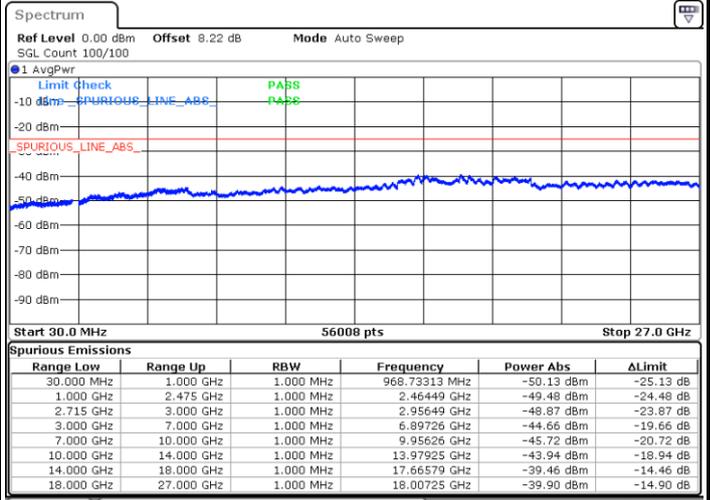
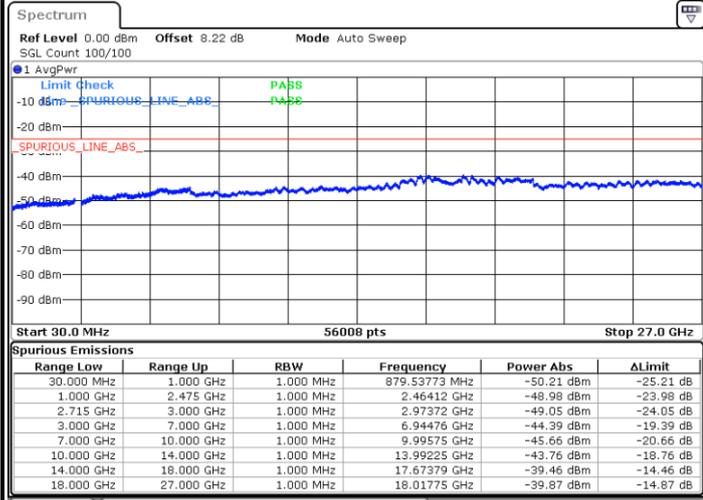


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

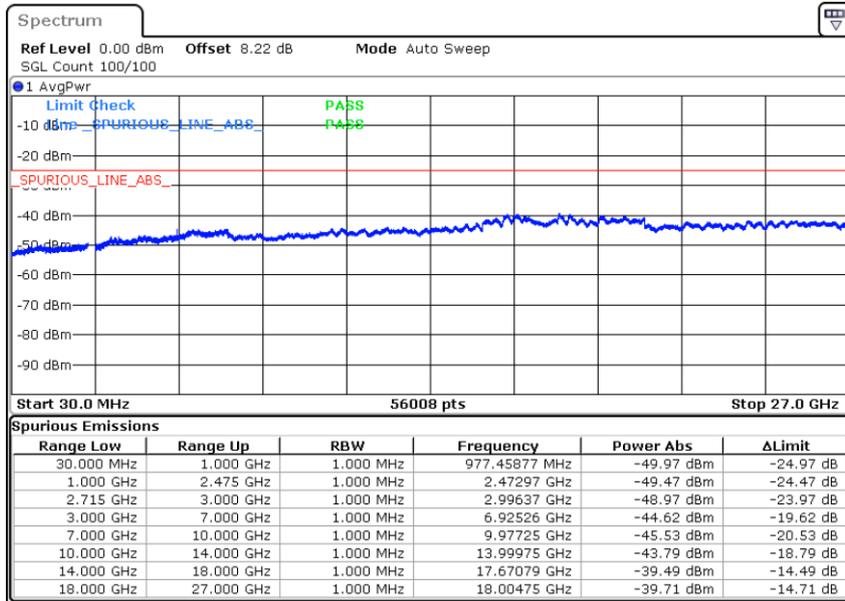
Middle Channel / QPSK



Date: 27.JAN.2022 21:52:19

Date: 27.JAN.2022 22:02:16

Highest Channel / QPSK



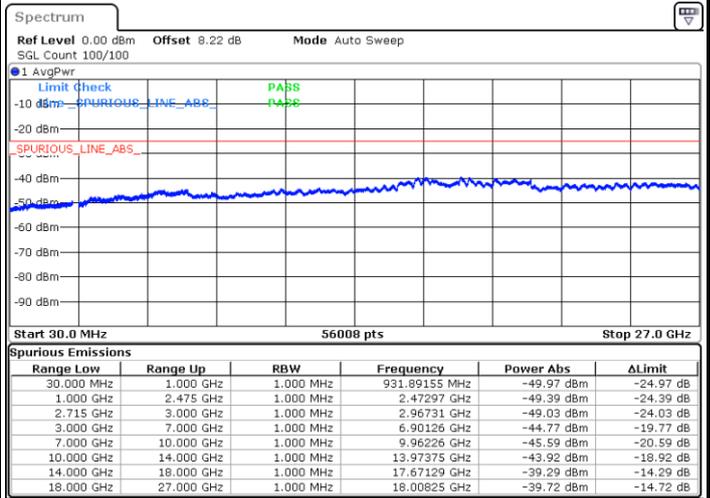
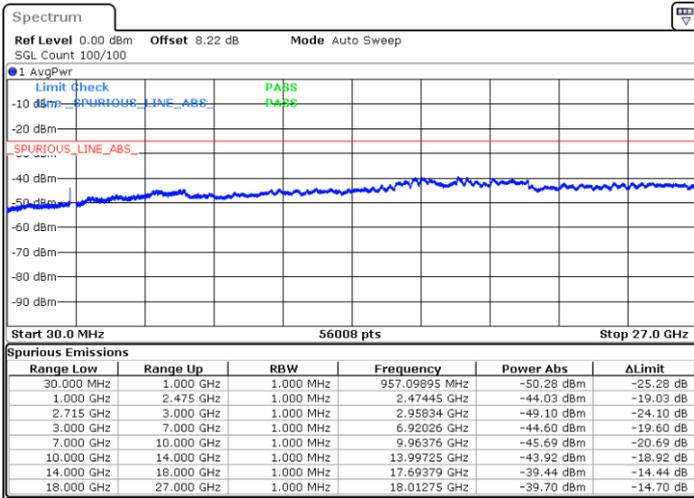
Date: 27.JAN.2022 22:03:59



LTE Band 41 / 10MHz

Lowest Channel / QPSK

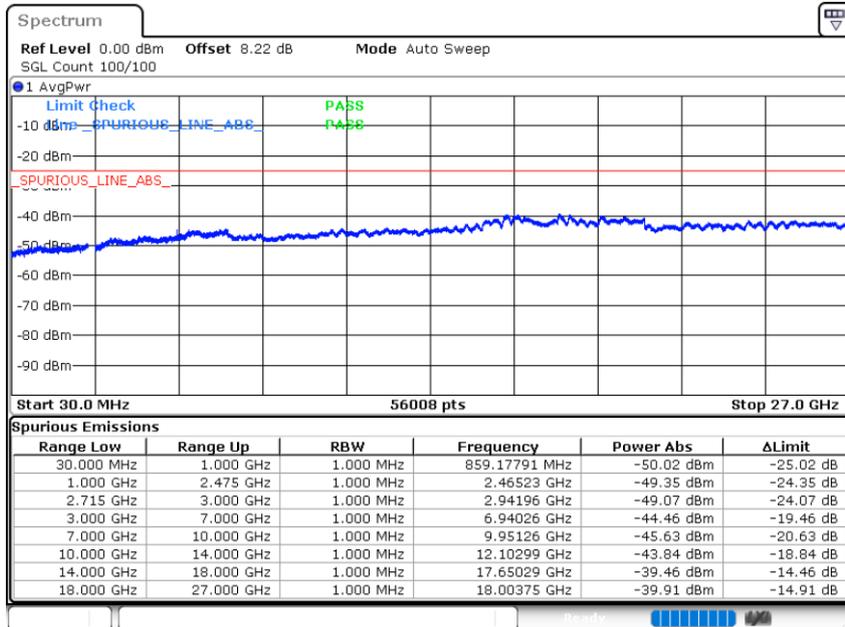
Middle Channel / QPSK



Date: 27.JAN.2022 22:14:05

Date: 27.JAN.2022 22:24:02

Highest Channel / QPSK



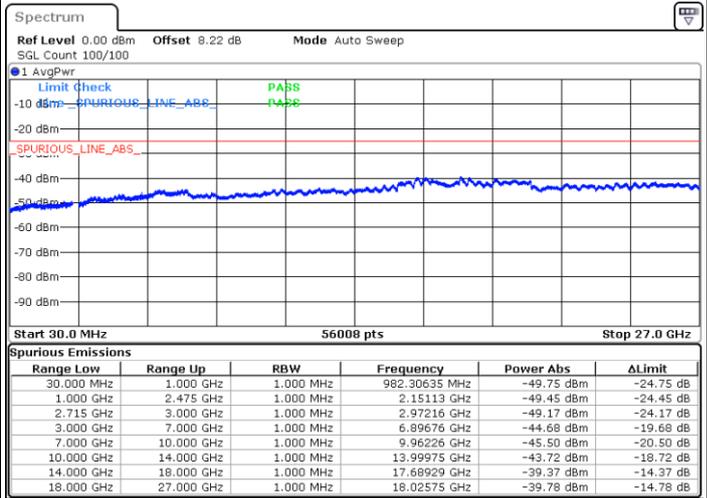
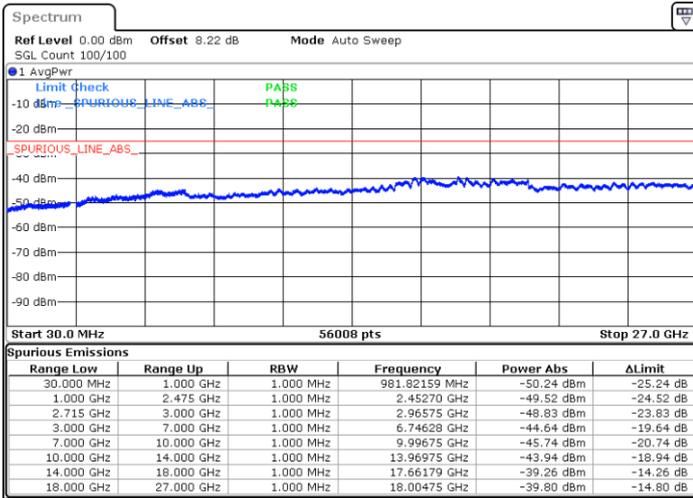
Date: 27.JAN.2022 22:25:45



LTE Band 41 / 15MHz

Lowest Channel / QPSK

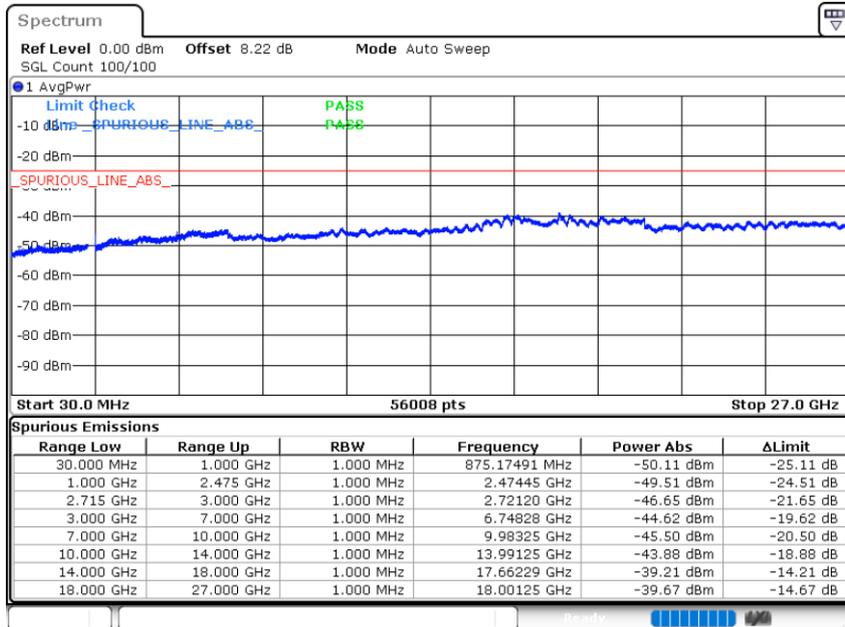
Middle Channel / QPSK



Date: 27.JAN.2022 22:35:52

Date: 27.JAN.2022 22:45:48

Highest Channel / QPSK



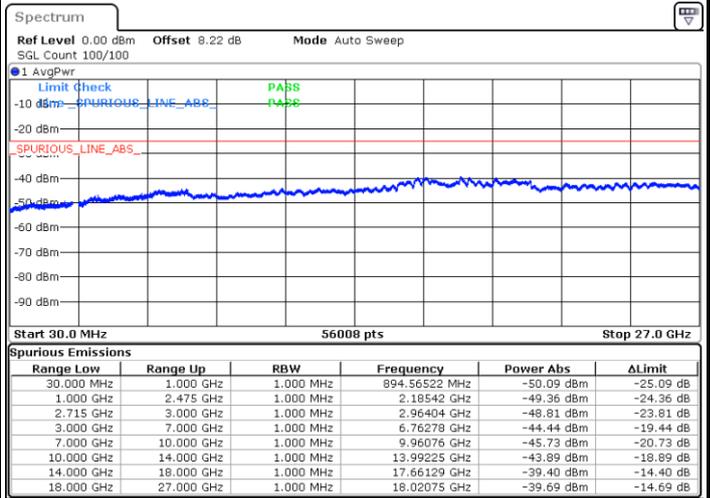
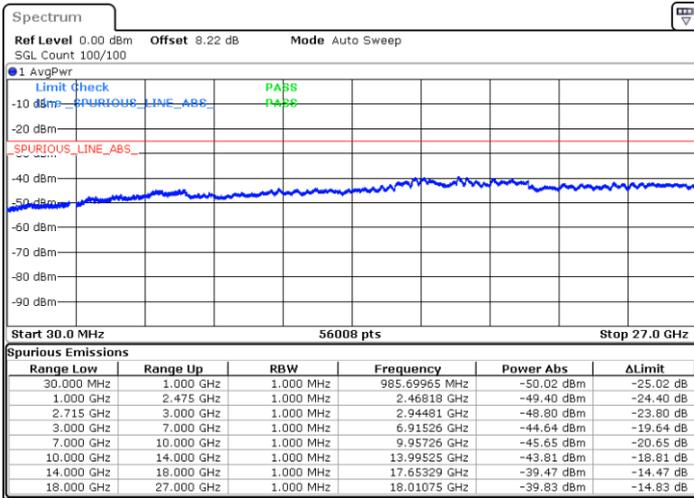
Date: 27.JAN.2022 22:47:30



LTE Band 41 / 20MHz

Lowest Channel / QPSK

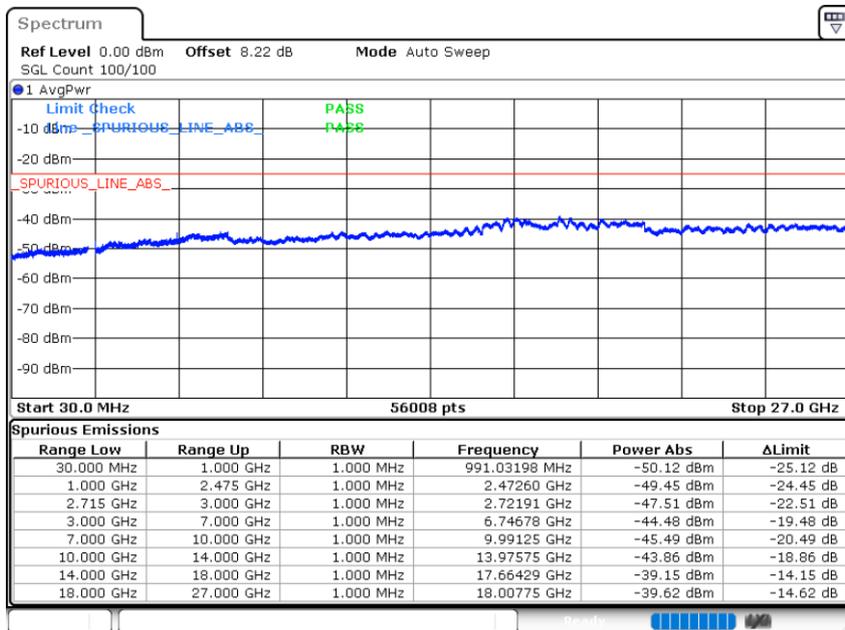
Middle Channel / QPSK



Date: 27.JAN.2022 22:57:35

Date: 27.JAN.2022 23:07:31

Highest Channel / QPSK



Date: 27.JAN.2022 23:09:14



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0032	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0029	

Note:

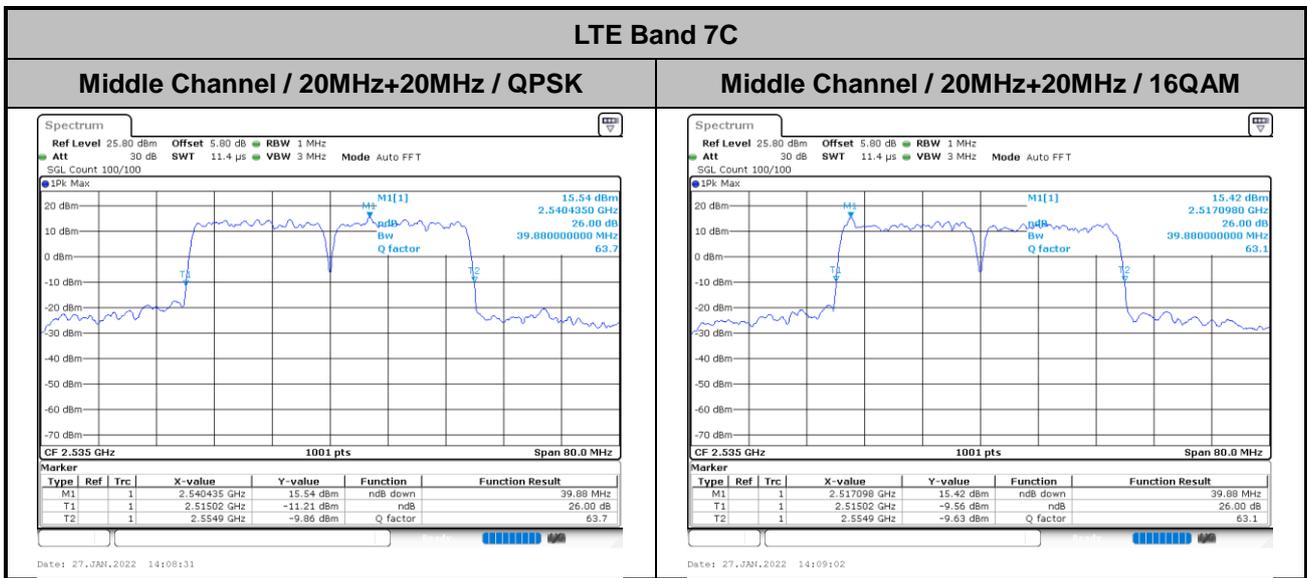
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

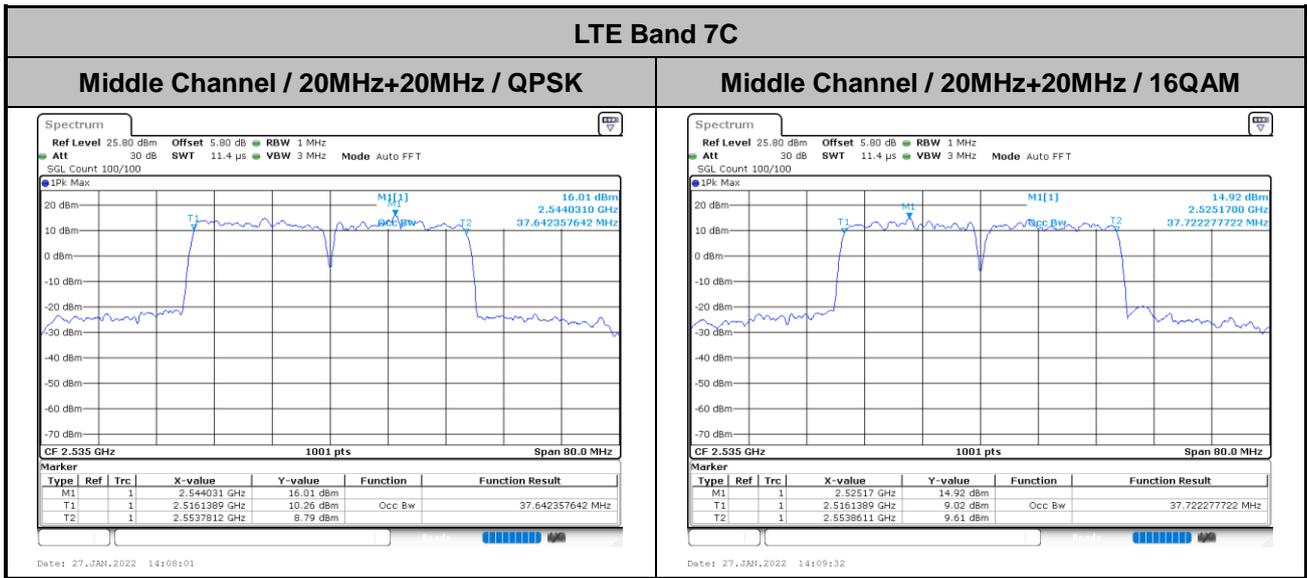
Mode	LTE Band 7C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.88	39.88





Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.64	37.72



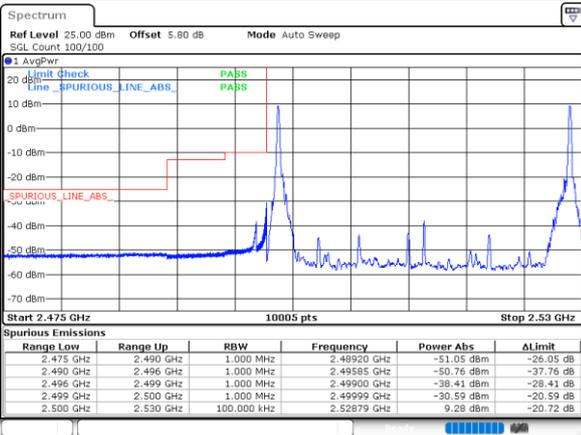


Conducted Band Edge

LTE Band 7C / 10MHz+20MHz

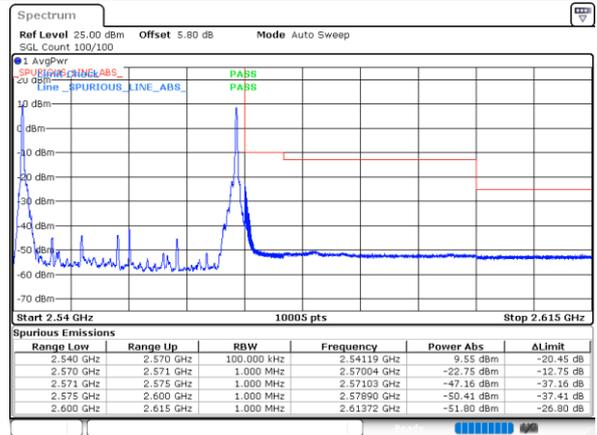
QPSK

Lowest Band Edge / 1RB0 and 1RB99



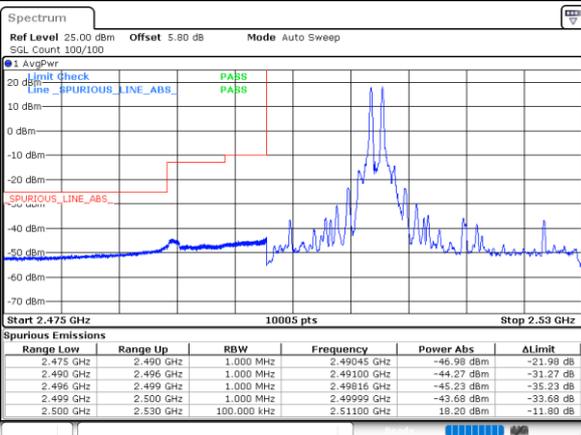
Date: 27_JAN_2022 10:11:17

Highest Band Edge / 1RB0 and 1RB99



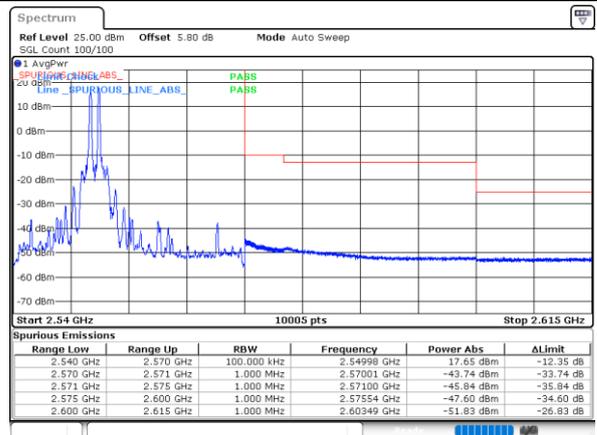
Date: 27_JAN_2022 10:23:17

Lowest Band Edge / 1RB49 and 1RB0



Date: 27_JAN_2022 10:16:20

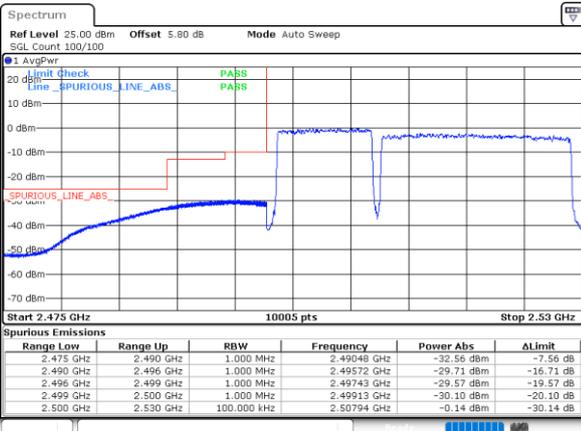
Highest Band Edge / 1RB49 and 1RB0



Date: 27_JAN_2022 10:28:19

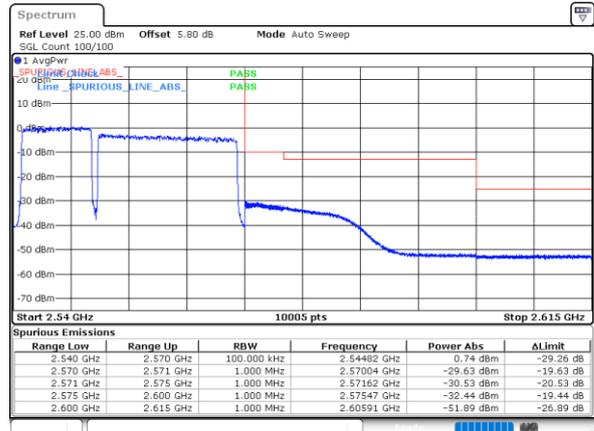


Lowest Band Edge / Full RB



Date: 27_JAN_2022 10:17:22

Highest Band Edge / Full RB

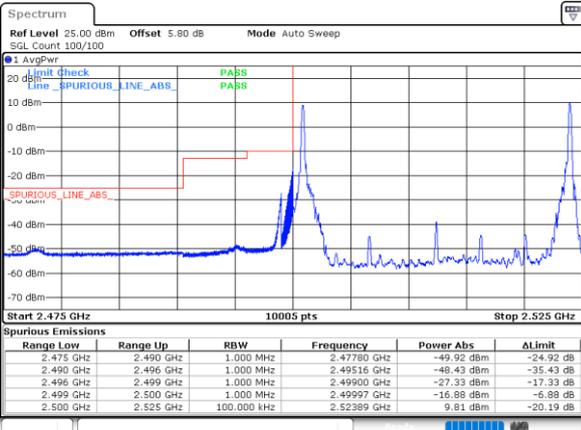


Date: 27_JAN_2022 10:29:20

LTE Band 7C / 15MHz+10MHz

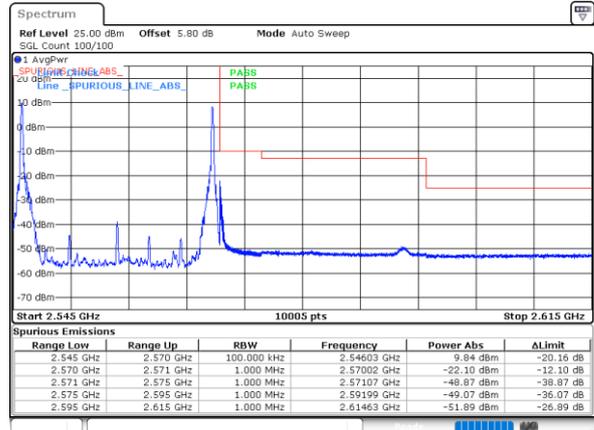
QPSK

Lowest Band Edge / 1RB0 and 1RB49



Date: 27_JAN_2022 10:43:03

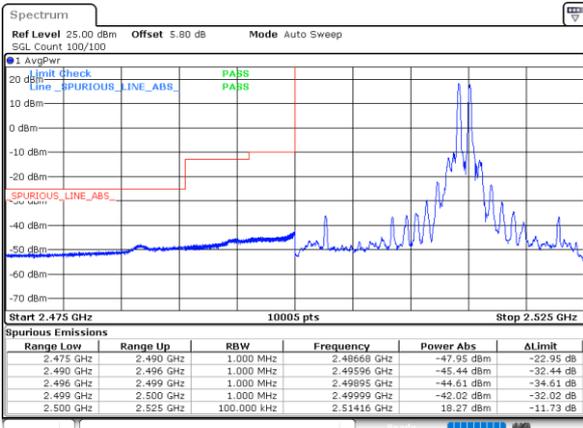
Highest Band Edge / 1RB0 and 1RB49



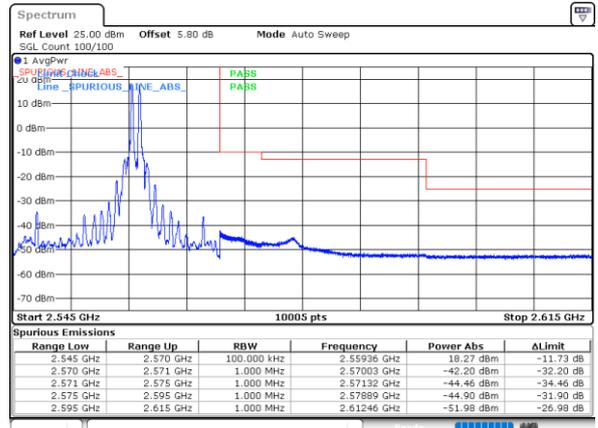
Date: 27_JAN_2022 10:55:04



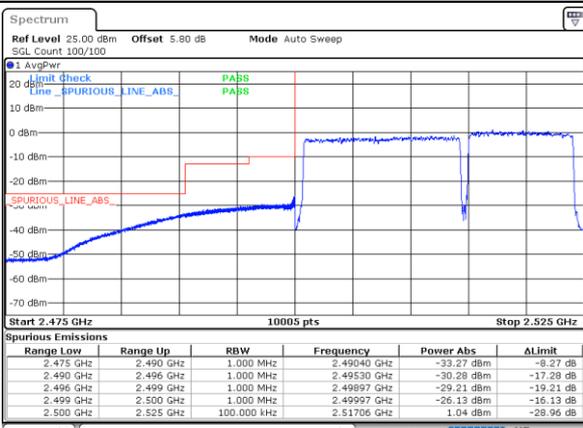
Lowest Band Edge / 1RB74 and 1RB0



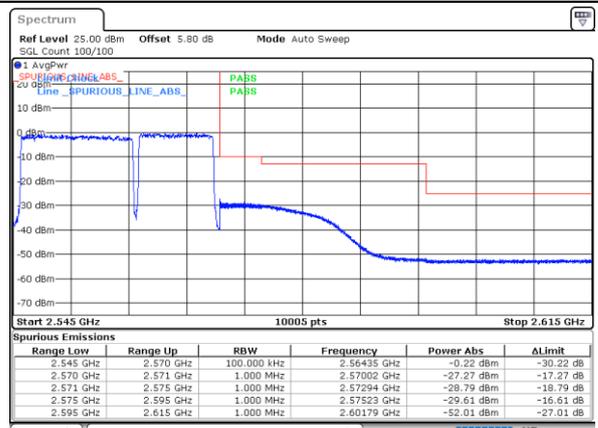
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

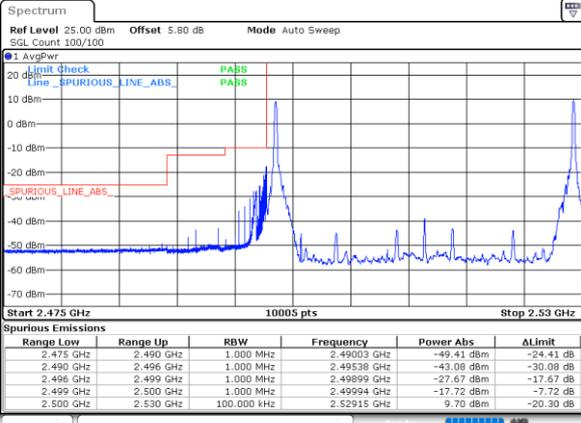




LTE Band 7C / 15MHz+15MHz

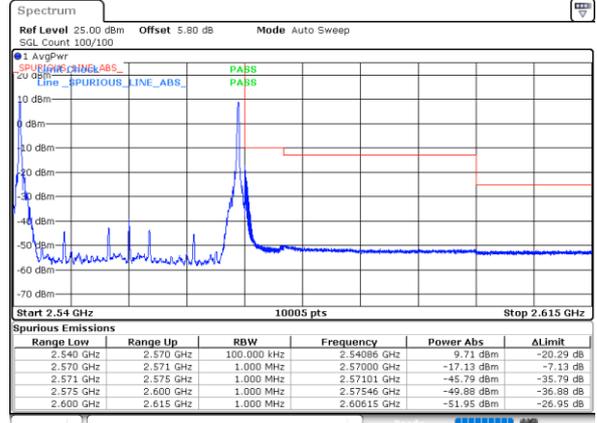
QPSK

Lowest Band Edge / 1RB0 and 1RB74



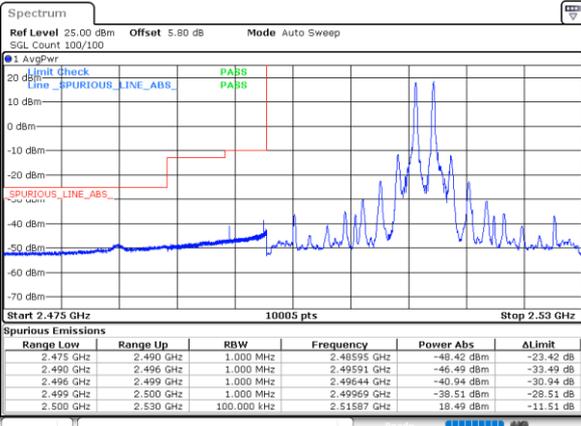
Date: 27_JAN_2022 11:10:06

Highest Band Edge / 1RB0 and 1RB74



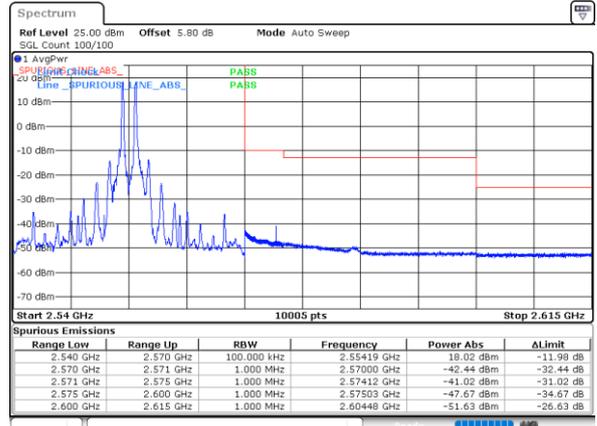
Date: 27_JAN_2022 11:22:06

Lowest Band Edge / 1RB74 and 1RB0



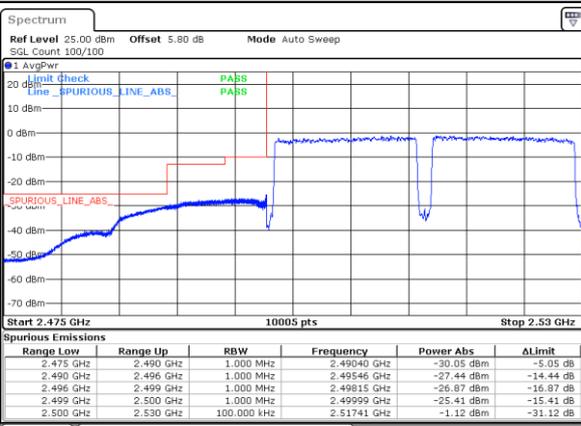
Date: 27_JAN_2022 11:15:10

Highest Band Edge / 1RB74 and 1RB0



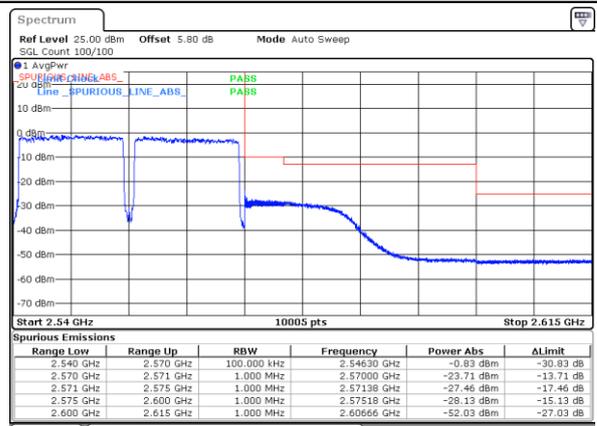
Date: 27_JAN_2022 11:27:08

Lowest Band Edge / Full RB



Date: 27_JAN_2022 11:16:11

Highest Band Edge / Full RB



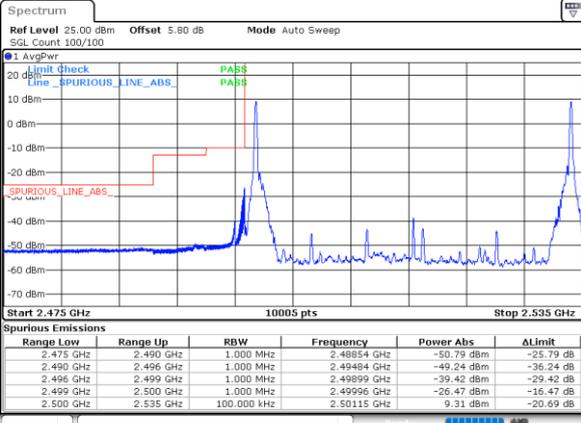
Date: 27_JAN_2022 11:28:09



LTE Band 7C / 15MHz+20MHz

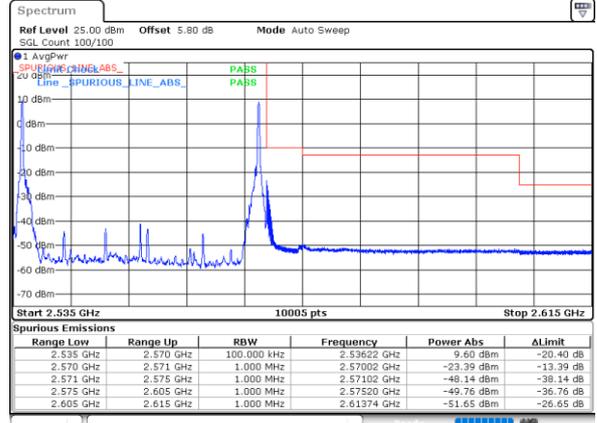
QPSK

Lowest Band Edge / 1RB0 and 1RB9



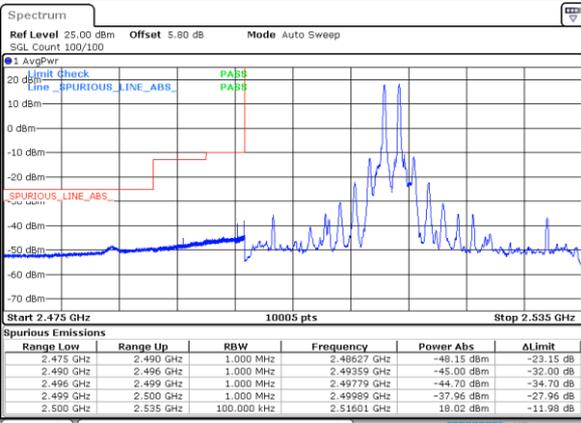
Date: 27_JAN_2022 12:32:41

Highest Band Edge / 1RB0 and 1RB9



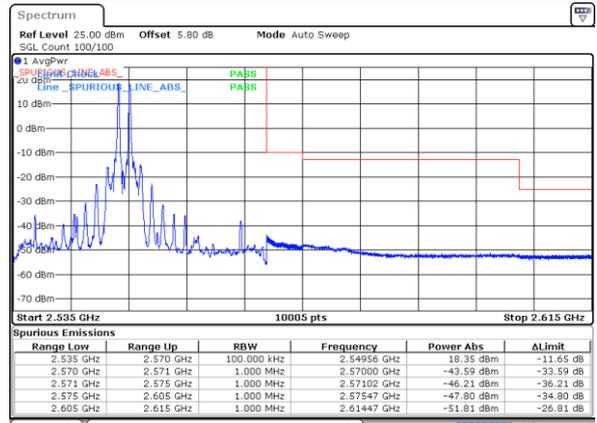
Date: 27_JAN_2022 12:44:41

Lowest Band Edge / 1RB74 and 1RB0



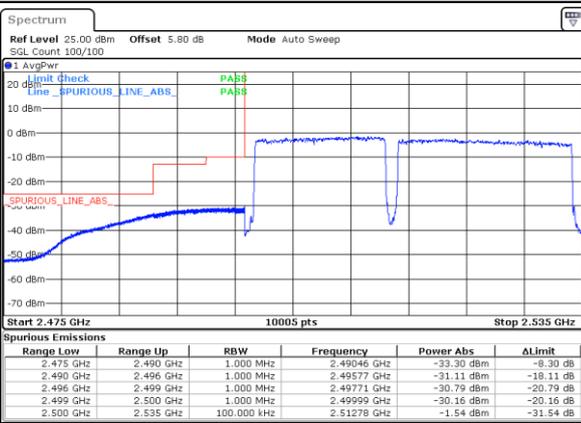
Date: 27_JAN_2022 12:37:46

Highest Band Edge / 1RB74 and 1RB0



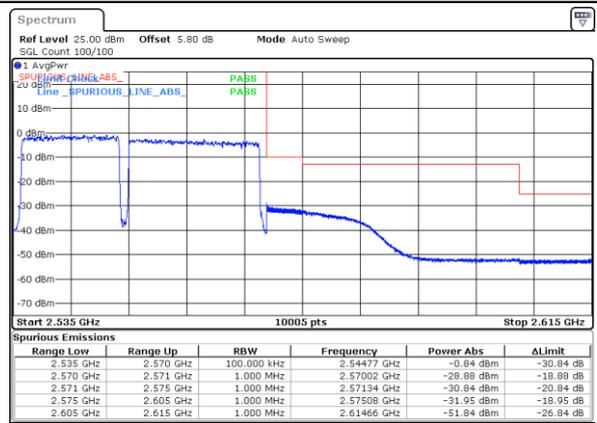
Date: 27_JAN_2022 12:49:44

Lowest Band Edge / Full RB



Date: 27_JAN_2022 12:38:47

Highest Band Edge / Full RB



Date: 27_JAN_2022 12:50:44

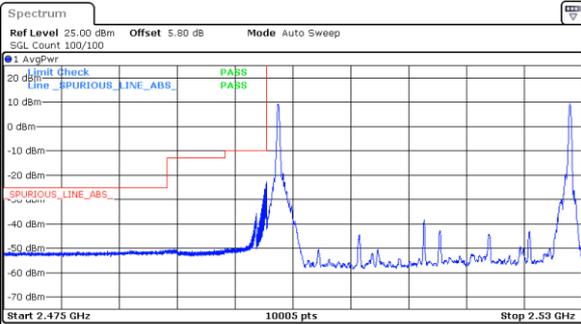


LTE Band 7C / 20MHz+10MHz

QPSK

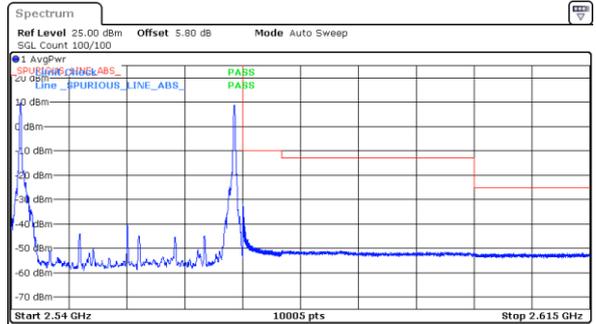
Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49033 GHz	-50.73 dBm	-25.73 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49071 GHz	-50.53 dBm	-37.53 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-35.56 dBm	-25.56 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49999 GHz	-22.81 dBm	-12.81 dB
2.500 GHz	2.530 GHz	100.000 kHz	2.52881 GHz	9.41 dBm	-20.59 dB

Date: 27_JAN,2022 12:56:47

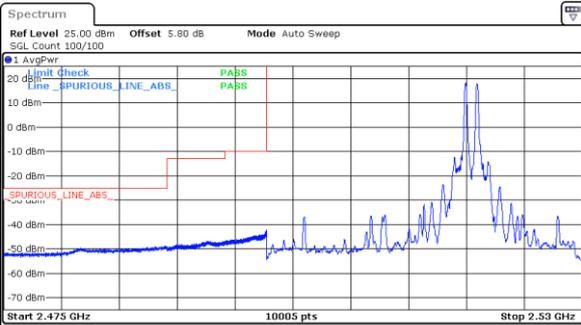


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	100.000 kHz	2.54118 GHz	9.63 dBm	-20.37 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57001 GHz	-31.72 dBm	-21.72 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-48.95 dBm	-38.95 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57517 GHz	-50.94 dBm	-37.94 dB
2.600 GHz	2.615 GHz	1.000 MHz	2.61404 GHz	-51.94 dBm	-26.94 dB

Date: 27_JAN,2022 13:08:47

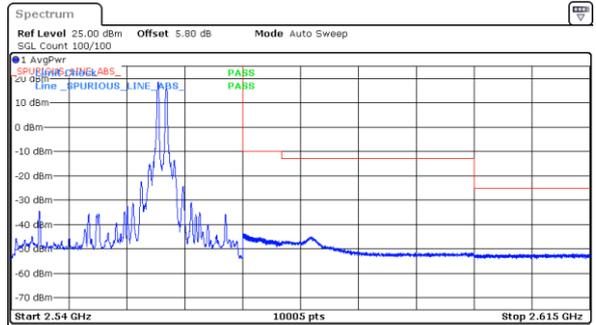
Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49030 GHz	-48.81 dBm	-23.81 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49449 GHz	-46.94 dBm	-33.94 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-44.63 dBm	-34.63 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.50000 GHz	-42.20 dBm	-32.20 dB
2.500 GHz	2.530 GHz	100.000 kHz	2.51891 GHz	18.00 dBm	-12.00 dB

Date: 27_JAN,2022 13:01:51

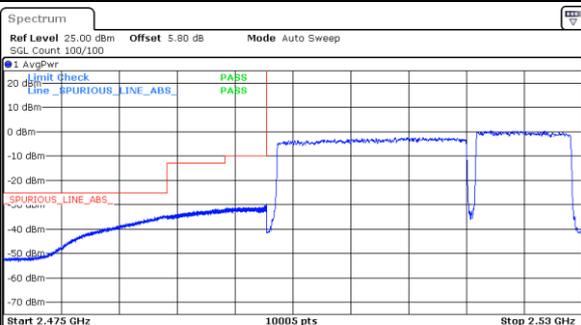


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	100.000 kHz	2.55903 GHz	18.57 dBm	-11.43 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57001 GHz	-42.25 dBm	-33.25 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57110 GHz	-45.03 dBm	-35.03 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57893 GHz	-44.95 dBm	-31.95 dB
2.600 GHz	2.615 GHz	1.000 MHz	2.61270 GHz	-51.97 dBm	-26.97 dB

Date: 27_JAN,2022 13:13:49

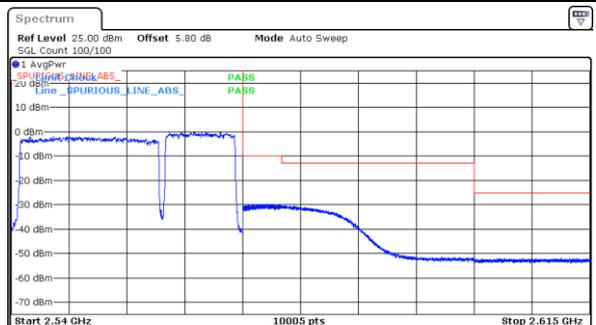
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49022 GHz	-34.49 dBm	-8.49 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49510 GHz	-31.68 dBm	-18.68 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-31.01 dBm	-21.01 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49999 GHz	-29.72 dBm	-19.72 dB
2.500 GHz	2.530 GHz	100.000 kHz	2.52127 GHz	0.42 dBm	-29.58 dB

Date: 27_JAN,2022 13:02:52



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.540 GHz	2.570 GHz	100.000 kHz	2.56710 GHz	-0.27 dBm	-30.27 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57084 GHz	-30.06 dBm	-20.06 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57307 GHz	-29.64 dBm	-19.64 dB
2.575 GHz	2.600 GHz	1.000 MHz	2.57554 GHz	-30.21 dBm	-17.21 dB
2.600 GHz	2.615 GHz	1.000 MHz	2.61317 GHz	-51.98 dBm	-26.98 dB

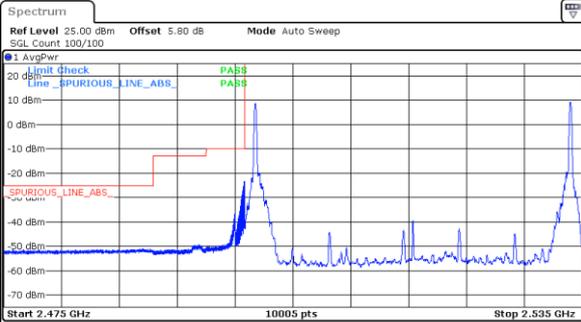
Date: 27_JAN,2022 13:14:50



LTE Band 7C / 20MHz+15MHz

QPSK

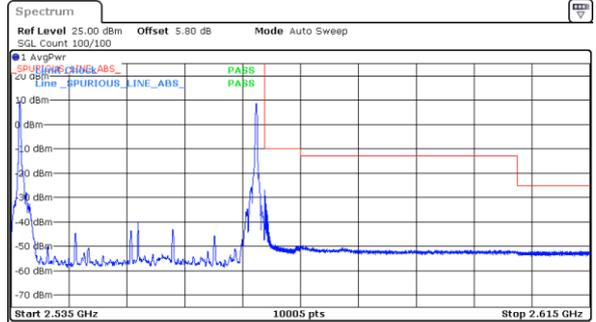
Lowest Band Edge / 1RB0 and 1RB74



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48913 GHz	-50.98 dBm	-25.98 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49522 GHz	-49.38 dBm	-36.38 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-36.74 dBm	-26.74 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49995 GHz	-23.38 dBm	-13.38 dB
2.500 GHz	2.535 GHz	100.000 kHz	2.53373 GHz	9.20 dBm	-20.80 dB

Date: 27_JAN.2022 13:23:12

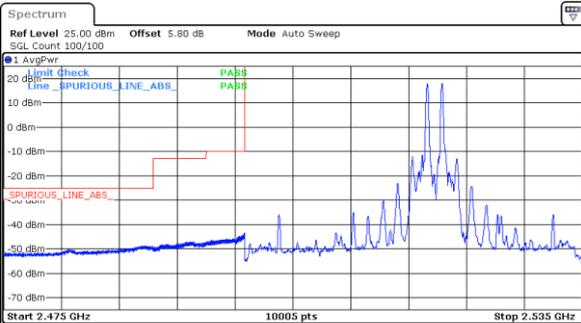
Highest Band Edge / 1RB0 and 1RB74



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	100.000 kHz	2.53618 GHz	9.60 dBm	-20.40 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57003 GHz	-26.84 dBm	-16.84 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57119 GHz	-49.37 dBm	-39.37 dB
2.575 GHz	2.605 GHz	1.000 MHz	2.57534 GHz	-49.69 dBm	-36.69 dB
2.605 GHz	2.615 GHz	1.000 MHz	2.61077 GHz	-51.94 dBm	-26.94 dB

Date: 27_JAN.2022 13:35:13

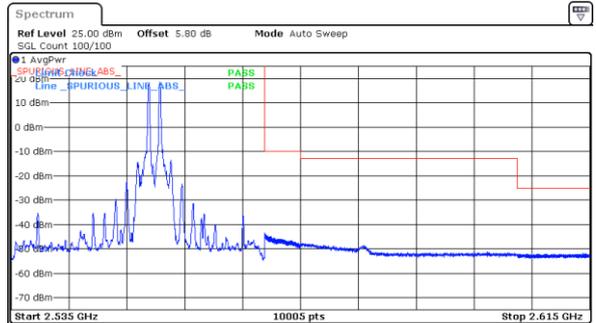
Lowest Band Edge / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48971 GHz	-48.59 dBm	-23.59 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49473 GHz	-46.50 dBm	-33.90 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49875 GHz	-45.68 dBm	-35.68 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49998 GHz	-43.49 dBm	-33.49 dB
2.500 GHz	2.535 GHz	100.000 kHz	2.52046 GHz	17.98 dBm	-12.02 dB

Date: 27_JAN.2022 13:28:16

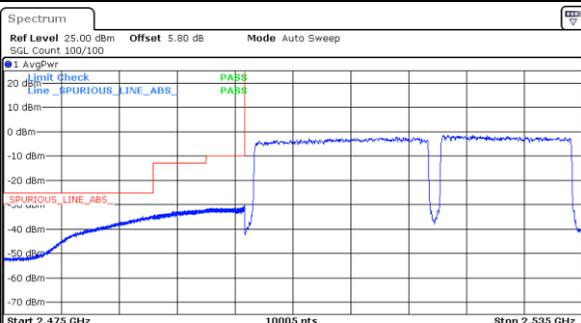
Highest Band Edge / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	100.000 kHz	2.55554 GHz	18.41 dBm	-11.59 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57002 GHz	-43.45 dBm	-33.45 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57136 GHz	-45.52 dBm	-35.52 dB
2.575 GHz	2.605 GHz	1.000 MHz	2.57540 GHz	-47.77 dBm	-34.77 dB
2.605 GHz	2.615 GHz	1.000 MHz	2.61394 GHz	-51.61 dBm	-26.61 dB

Date: 27_JAN.2022 13:40:15

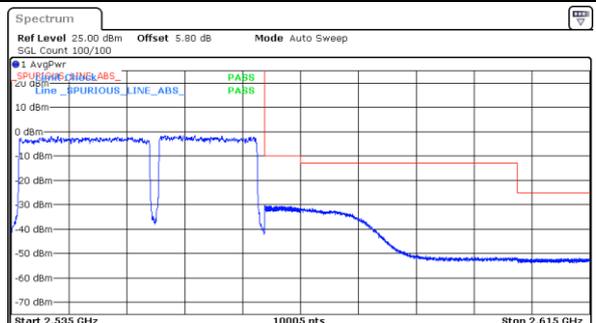
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49039 GHz	-34.57 dBm	-9.57 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49577 GHz	-31.92 dBm	-19.92 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49755 GHz	-31.29 dBm	-21.29 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49999 GHz	-30.17 dBm	-20.17 dB
2.500 GHz	2.535 GHz	100.000 kHz	2.52060 GHz	-1.45 dBm	-31.45 dB

Date: 27_JAN.2022 13:29:18

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.535 GHz	2.570 GHz	100.000 kHz	2.55883 GHz	-1.42 dBm	-31.42 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57002 GHz	-30.26 dBm	-20.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57234 GHz	-30.68 dBm	-20.68 dB
2.575 GHz	2.605 GHz	1.000 MHz	2.57502 GHz	-31.06 dBm	-18.06 dB
2.605 GHz	2.615 GHz	1.000 MHz	2.61355 GHz	-51.77 dBm	-26.77 dB

Date: 27_JAN.2022 13:41:16