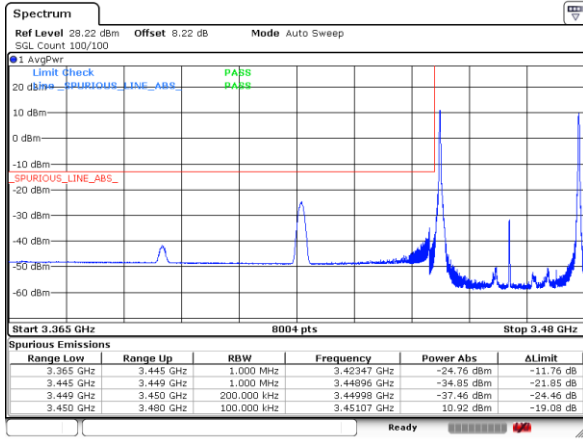
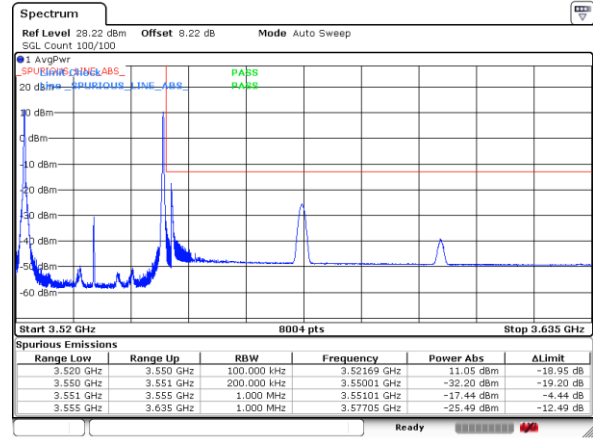
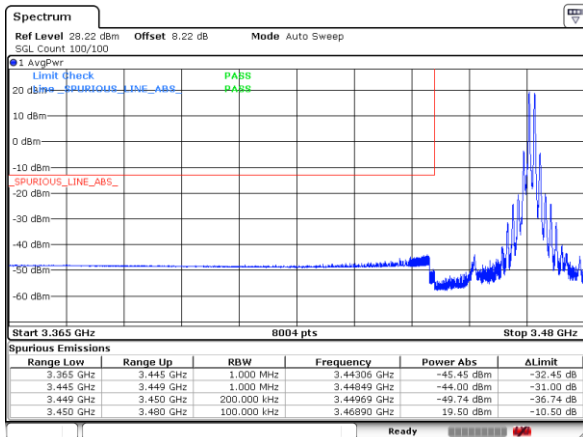


**LTE Band 42C / 20MHz+10MHz****QPSK****Lowest Band Edge / 1RB0 and 1RB49**

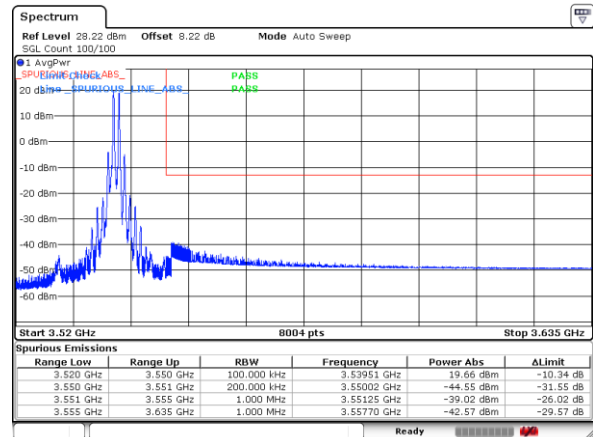
Date: 24.AUG.2021 08:01:21

Highest Band Edge / 1RB0 and 1RB49

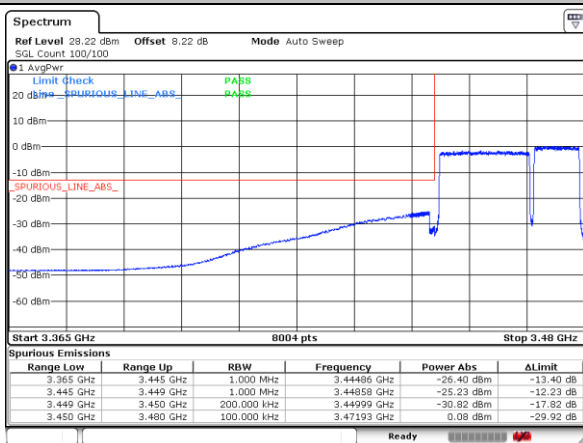
Date: 24.AUG.2021 08:11:33

Lowest Band Edge / 1RB99 and 1RB0

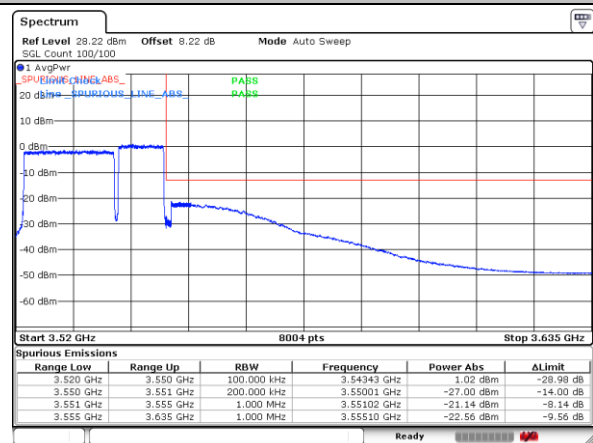
Date: 24.AUG.2021 08:02:20

Highest Band Edge / 1RB99 and 1RB0

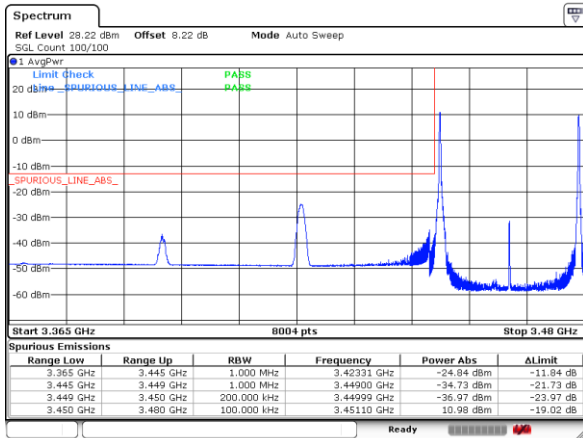
Date: 24.AUG.2021 08:15:31

Lowest Band Edge / Full RB

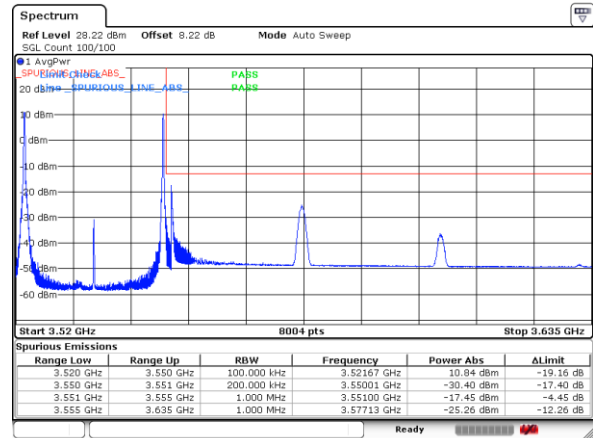
Date: 24.AUG.2021 07:52:23

Highest Band Edge / Full RB

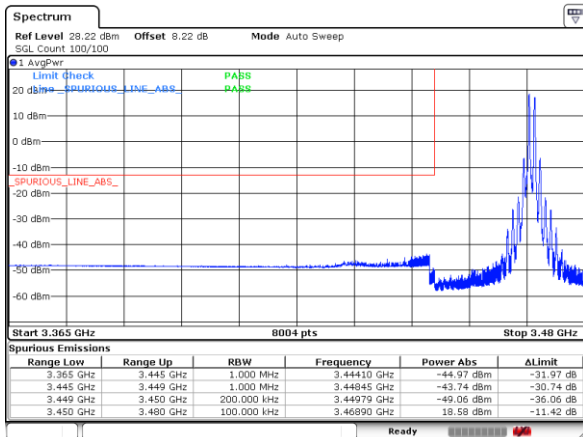
Date: 24.AUG.2021 08:10:49

**LTE Band 42C / 20MHz+10MHz****16QAM****Lowest Band Edge / 1RB0 and 1RB49**

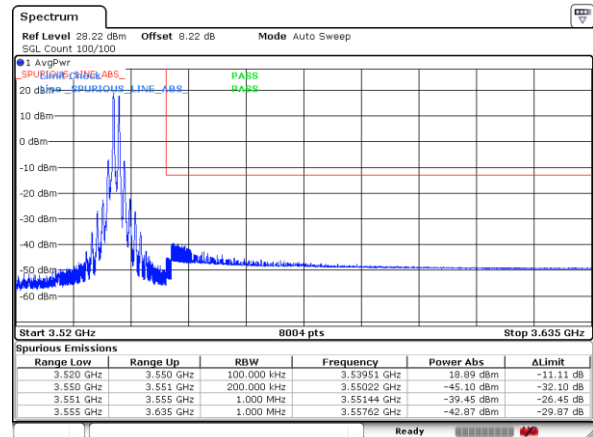
Date: 24.AUG.2021 08:00:25

Highest Band Edge / 1RB0 and 1RB49

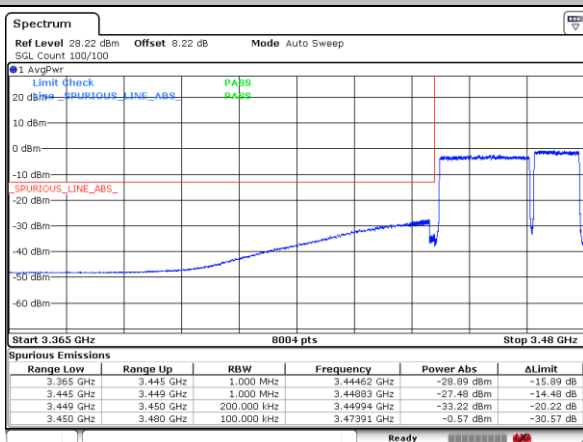
Date: 24.AUG.2021 08:12:16

Lowest Band Edge / 1RB99 and 1RB0

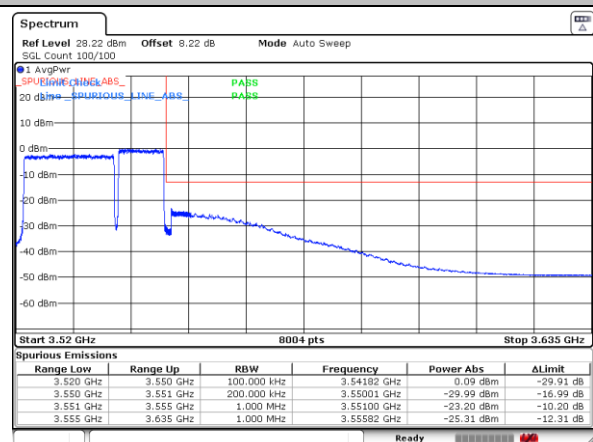
Date: 24.AUG.2021 08:03:27

Highest Band Edge / 1RB99 and 1RB0

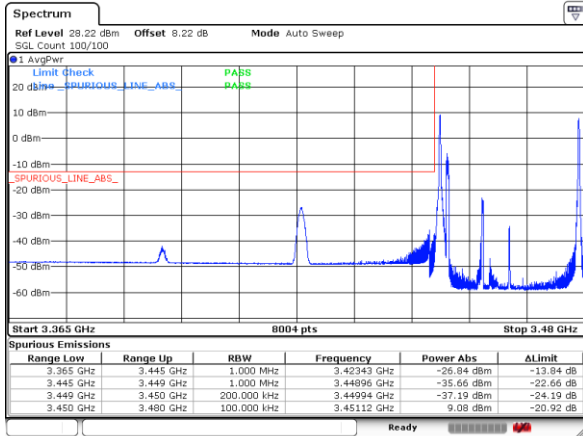
Date: 24.AUG.2021 08:14:45

Lowest Band Edge / Full RB

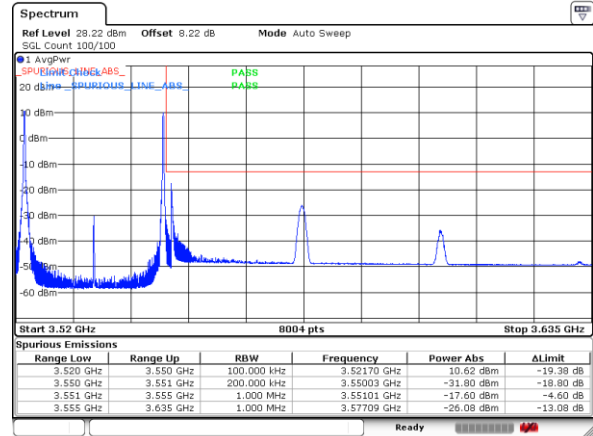
Date: 24.AUG.2021 07:54:56

Highest Band Edge / Full RB

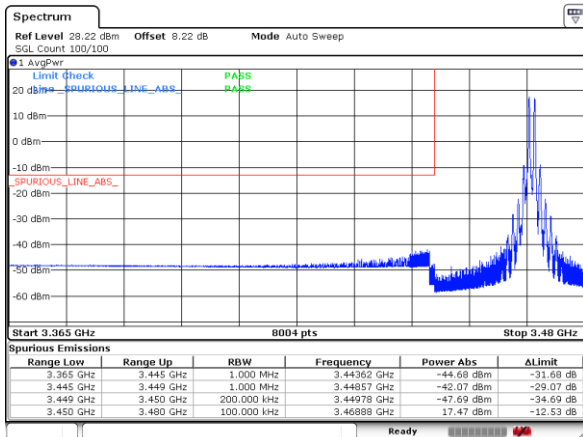
Date: 24.AUG.2021 08:09:57

**LTE Band 42C / 20MHz+10MHz****64QAM****Lowest Band Edge / 1RB0 and 1RB49**

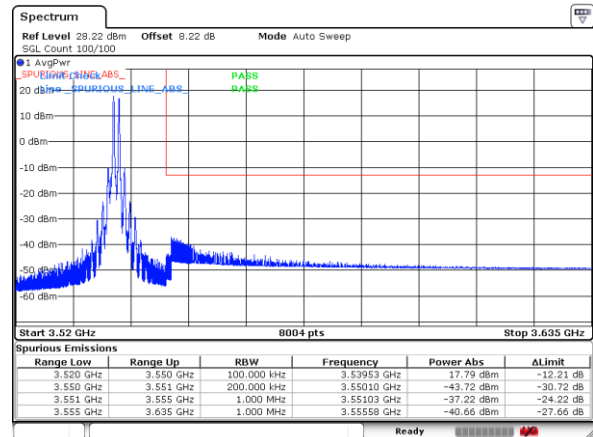
Date: 24.AUG.2021 07:59:11

Highest Band Edge / 1RB0 and 1RB49

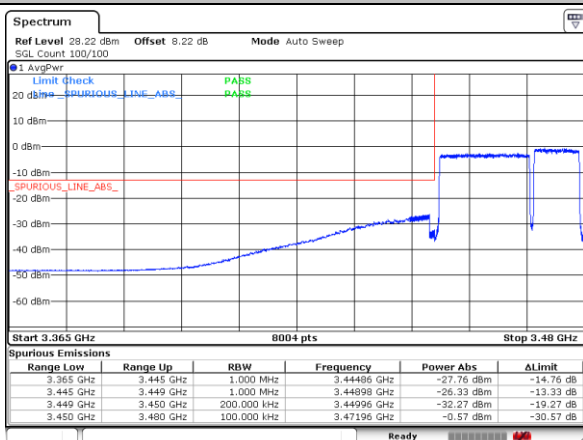
Date: 24.AUG.2021 08:13:00

Lowest Band Edge / 1RB99 and 1RB0

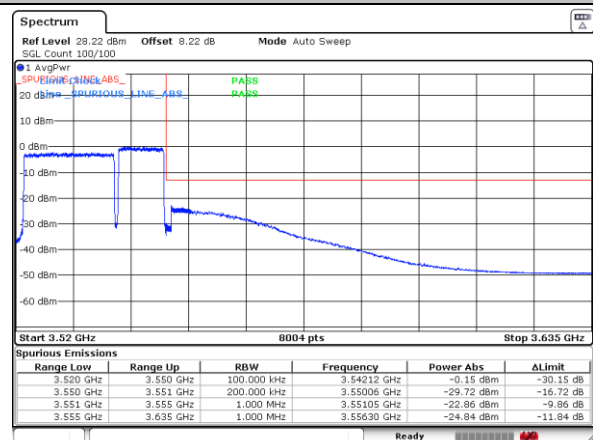
Date: 24.AUG.2021 08:05:29

Highest Band Edge / 1RB99 and 1RB0

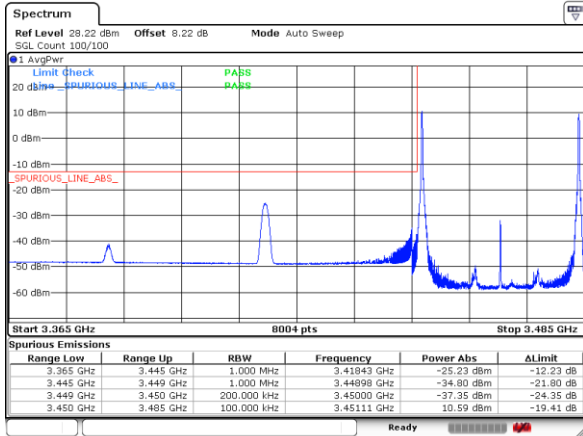
Date: 24.AUG.2021 08:13:56

Lowest Band Edge / Full RB

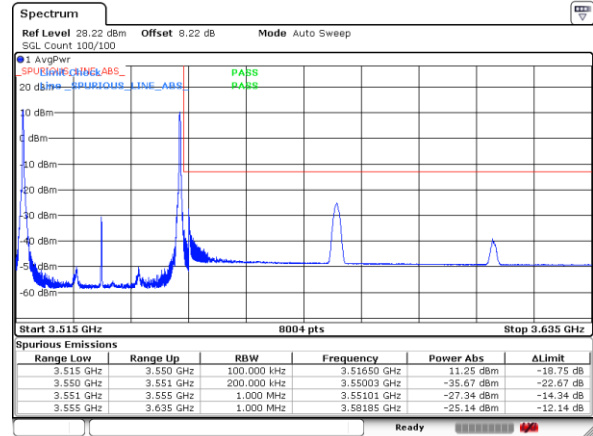
Date: 24.AUG.2021 07:56:43

Highest Band Edge / Full RB

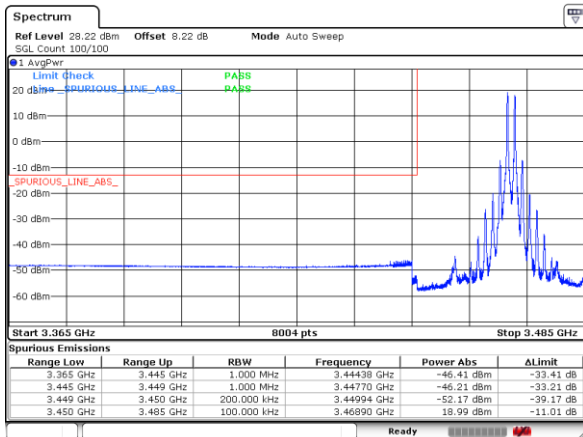
Date: 24.AUG.2021 08:08:48

**LTE Band 42C / 20MHz+15MHz****QPSK****Lowest Band Edge / 1RB0 and 1RB74**

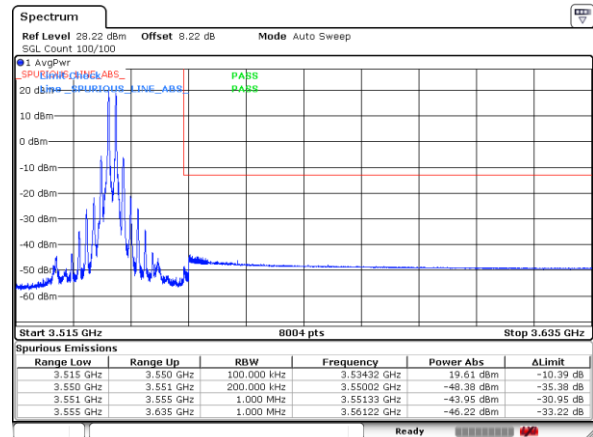
Date: 24.AUG.2021 07:10:38

Highest Band Edge / 1RB0 and 1RB74

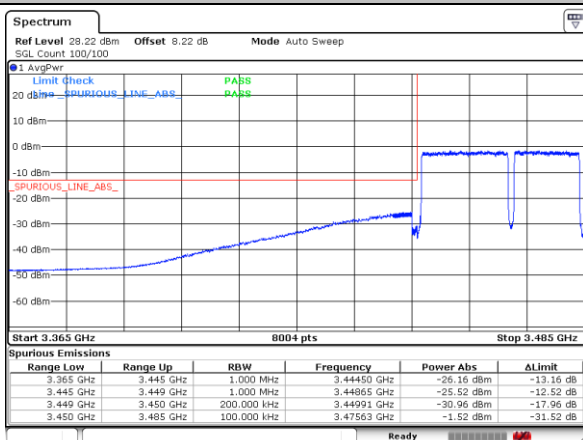
Date: 24.AUG.2021 07:20:33

Lowest Band Edge / 1RB99 and 1RB0

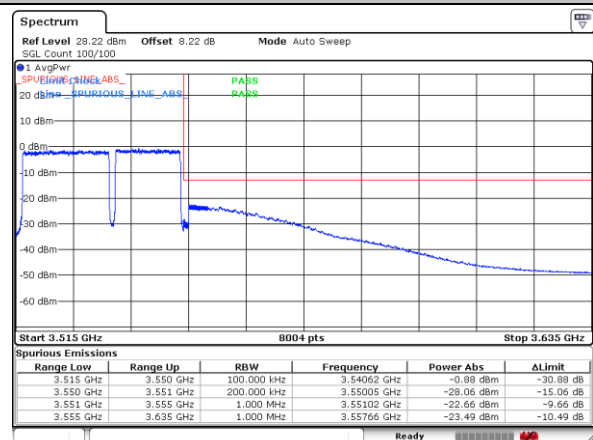
Date: 24.AUG.2021 07:11:33

Highest Band Edge / 1RB99 and 1RB0

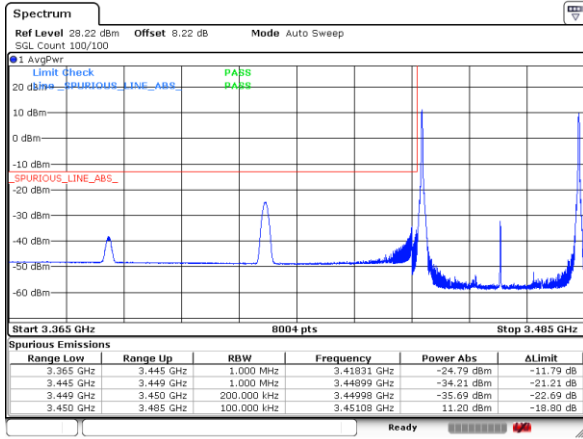
Date: 24.AUG.2021 07:25:29

Lowest Band Edge / Full RB

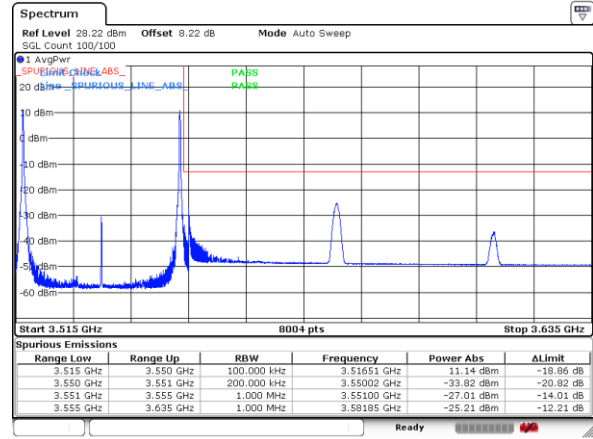
Date: 24.AUG.2021 07:04:53

Highest Band Edge / Full RB

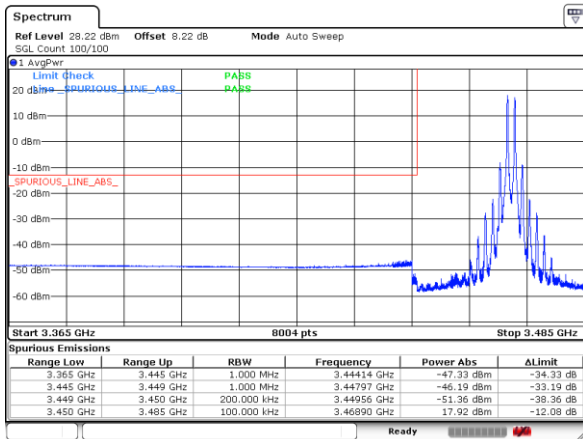
Date: 24.AUG.2021 07:19:26

**LTE Band 42C / 20MHz+15MHz****16QAM****Lowest Band Edge / 1RB0 and 1RB74**

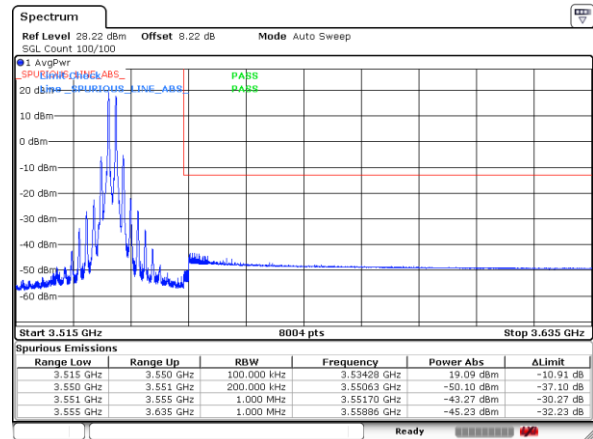
Date: 24.AUG.2021 07:09:19

Highest Band Edge / 1RB0 and 1RB74

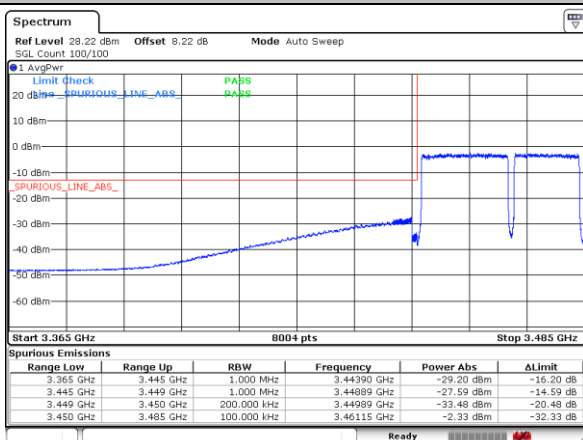
Date: 24.AUG.2021 07:21:27

Lowest Band Edge / 1RB99 and 1RB0

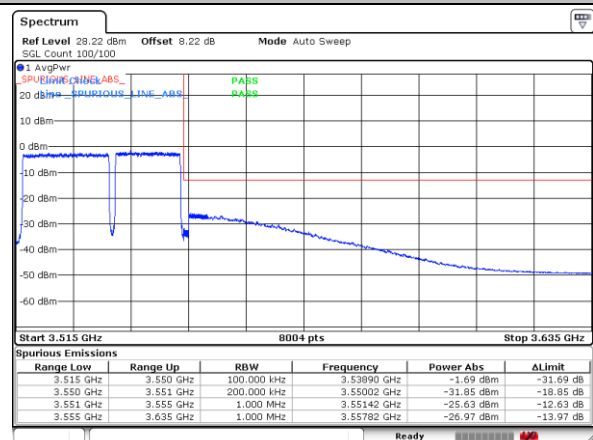
Date: 24.AUG.2021 07:12:53

Highest Band Edge / 1RB99 and 1RB0

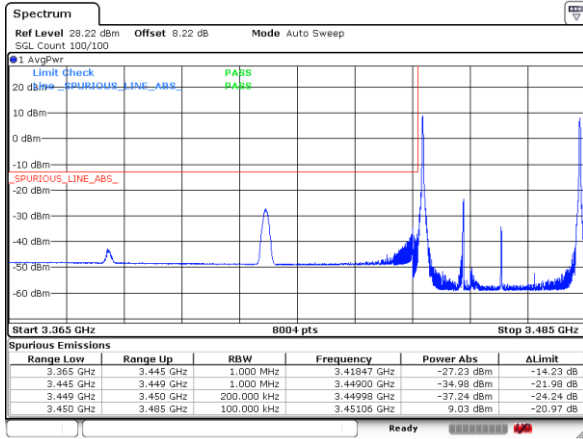
Date: 24.AUG.2021 07:24:46

Lowest Band Edge / Full RB

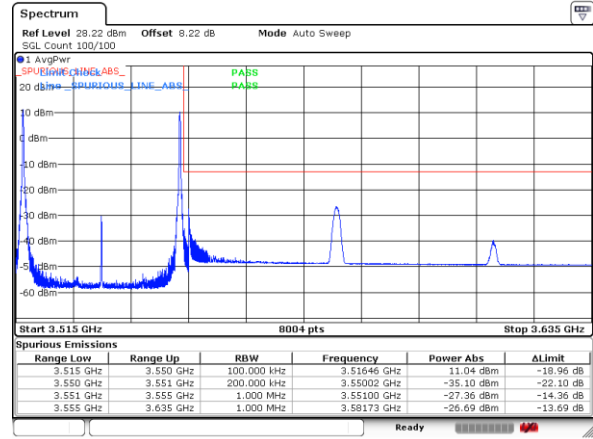
Date: 24.AUG.2021 07:05:57

Highest Band Edge / Full RB

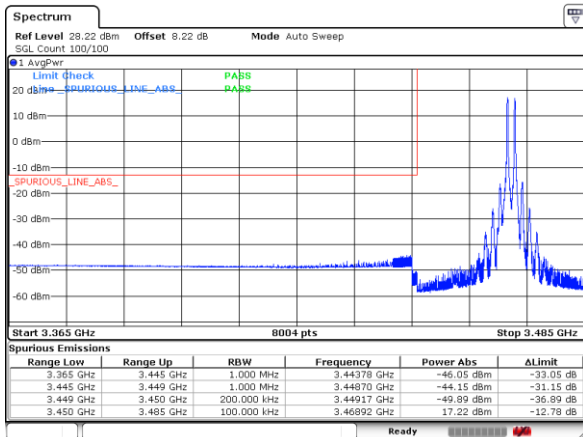
Date: 24.AUG.2021 07:17:58

**LTE Band 42C / 20MHz+15MHz****64QAM****Lowest Band Edge / 1RB0 and 1RB74**

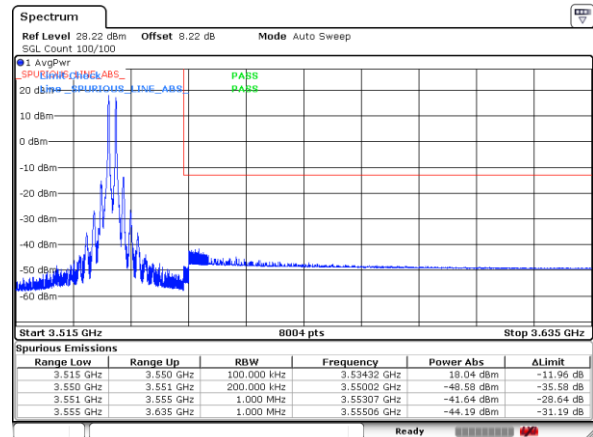
Date: 24,AUG,2021 07:08:37

Highest Band Edge / 1RB0 and 1RB74

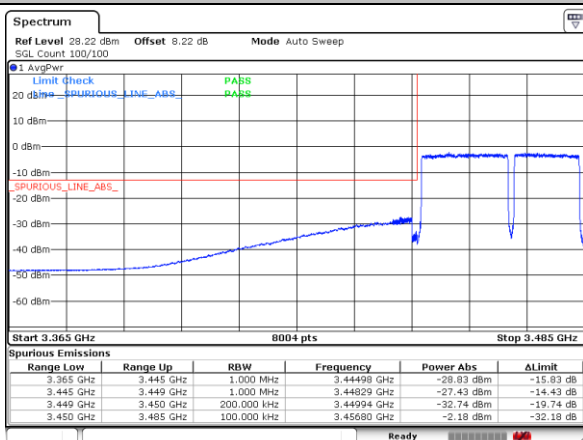
Date: 24,AUG,2021 07:22:51

Lowest Band Edge / 1RB99 and 1RB0

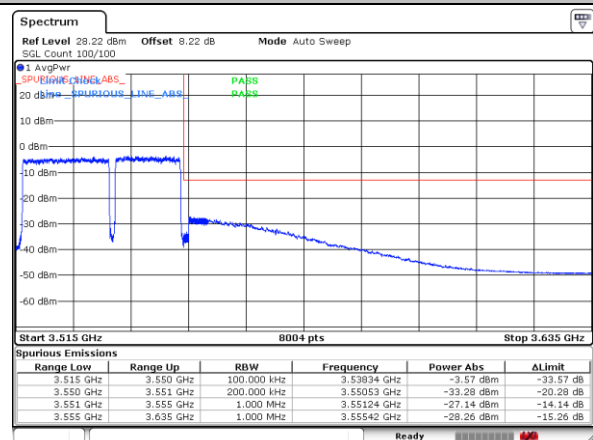
Date: 24,AUG,2021 07:14:29

Highest Band Edge / 1RB99 and 1RB0

Date: 24,AUG,2021 07:23:53

Lowest Band Edge / Full RB

Date: 24,AUG,2021 07:06:46

Highest Band Edge / Full RB

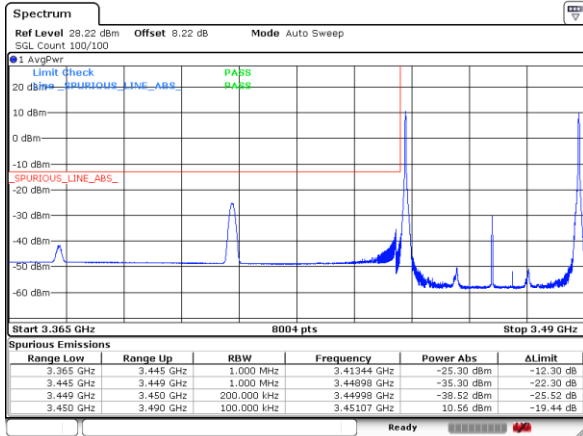
Date: 24,AUG,2021 07:16:54



LTE Band 42C / 20MHz+20MHz

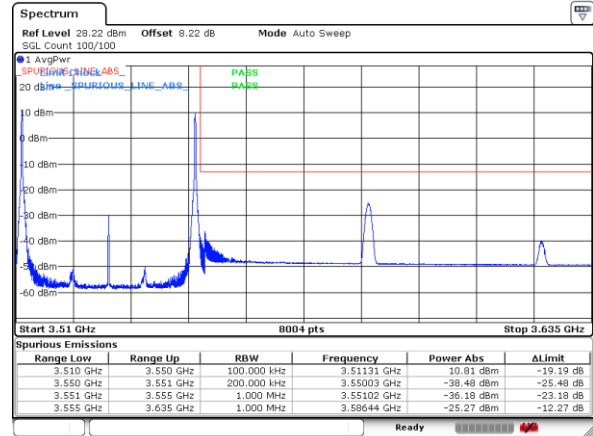
QPSK

Lowest Band Edge / 1RB0 and 1RB99



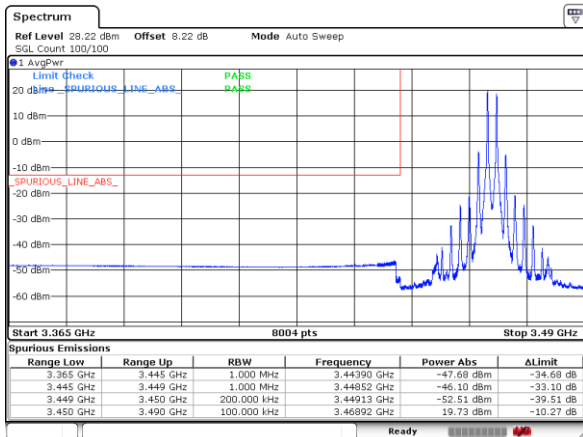
Date: 24.AUG.2021 04:22:53

Highest Band Edge / 1RB0 and 1RB99



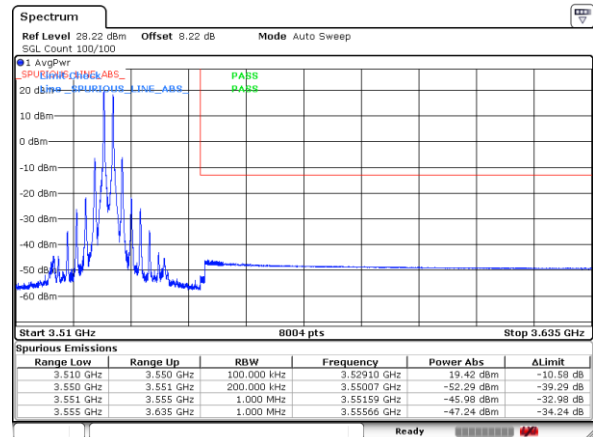
Date: 24.AUG.2021 04:51:45

Lowest Band Edge / 1RB99 and 1RB0



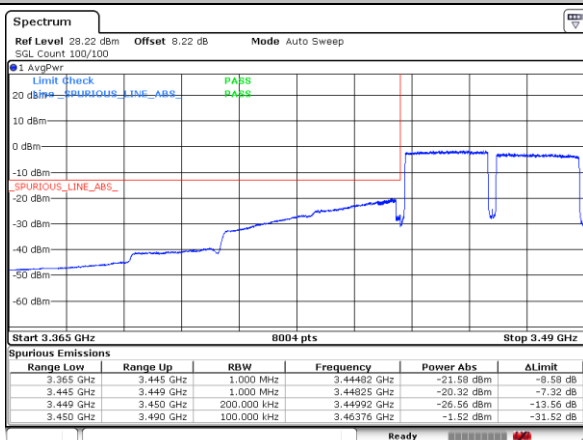
Date: 24.AUG.2021 04:24:19

Highest Band Edge / 1RB99 and 1RB0



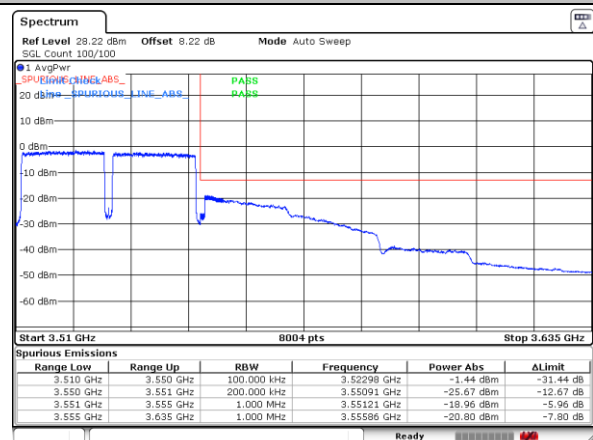
Date: 24.AUG.2021 04:54:40

Lowest Band Edge / Full RB

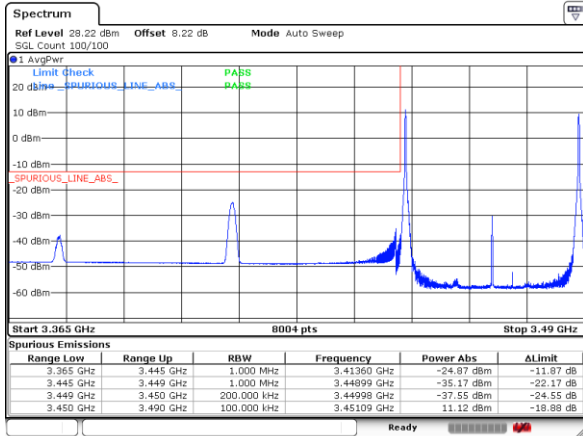


Date: 24.AUG.2021 04:15:19

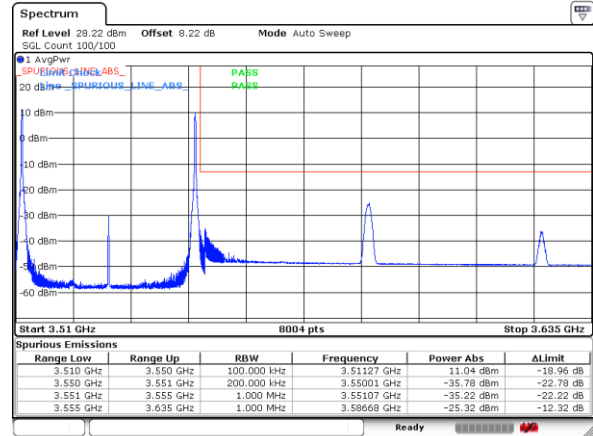
Highest Band Edge / Full RB



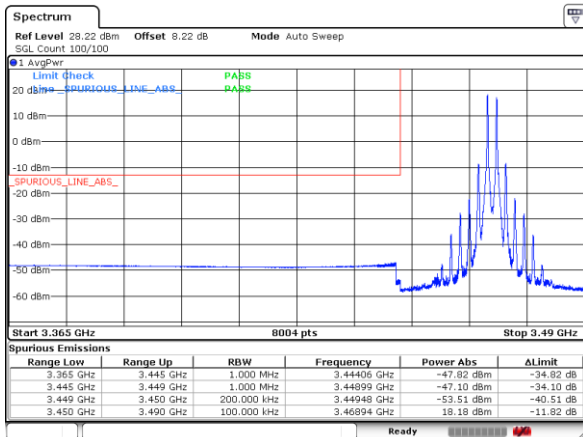
Date: 24.AUG.2021 04:35:08

**LTE Band 42C / 20MHz+20MHz****16QAM****Lowest Band Edge / 1RB0 and 1RB99**

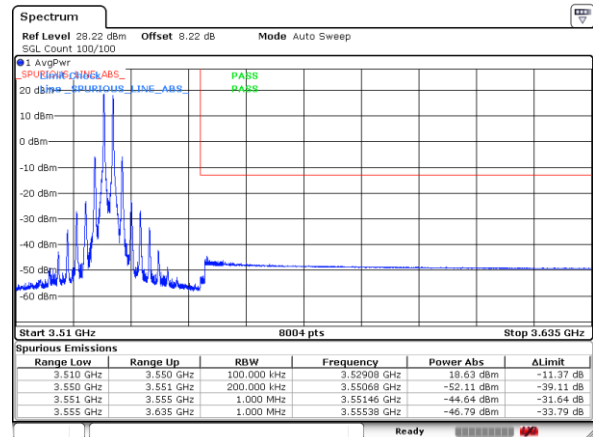
Date: 24.AUG.2021 04:21:42

Highest Band Edge / 1RB0 and 1RB99

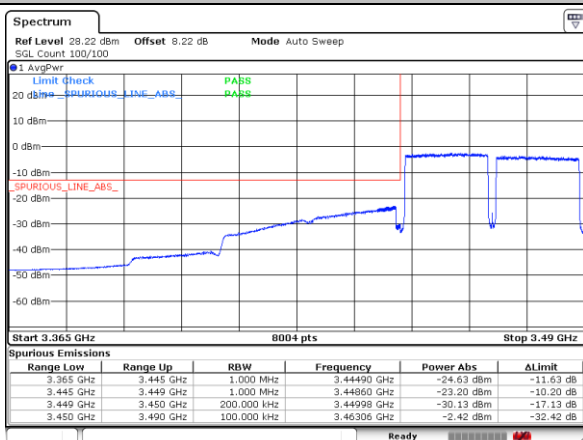
Date: 24.AUG.2021 04:46:33

Lowest Band Edge / 1RB99 and 1RB0

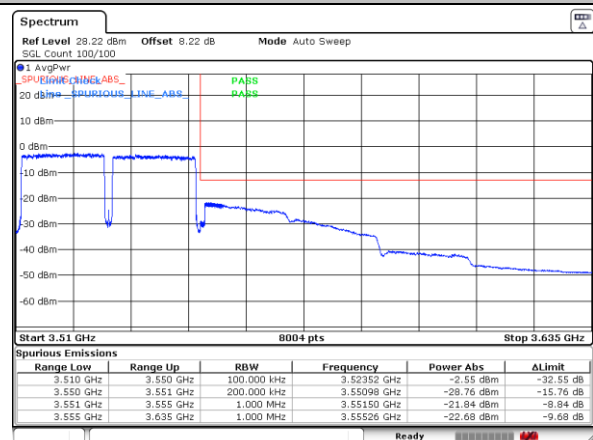
Date: 24.AUG.2021 04:26:33

Highest Band Edge / 1RB99 and 1RB0

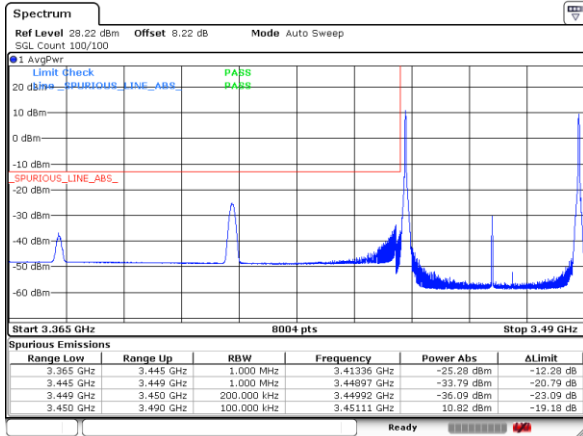
Date: 24.AUG.2021 04:55:32

Lowest Band Edge / Full RB

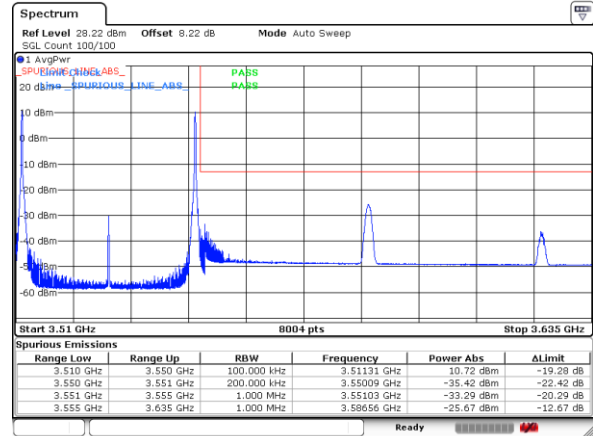
Date: 24.AUG.2021 04:16:32

Highest Band Edge / Full RB

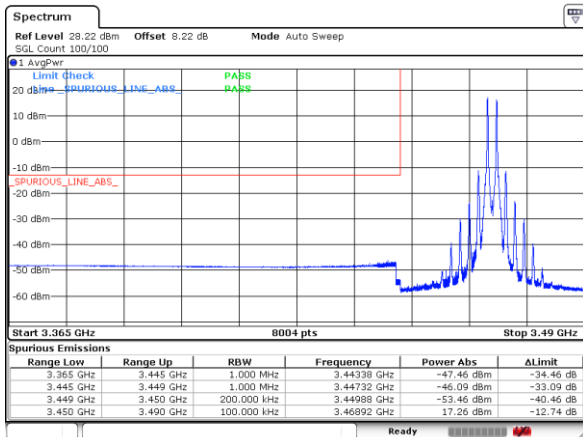
Date: 24.AUG.2021 04:36:17

LTE Band 42C / 20MHz+20MHz
64QAM
Lowest Band Edge / 1RB0 and 1RB99


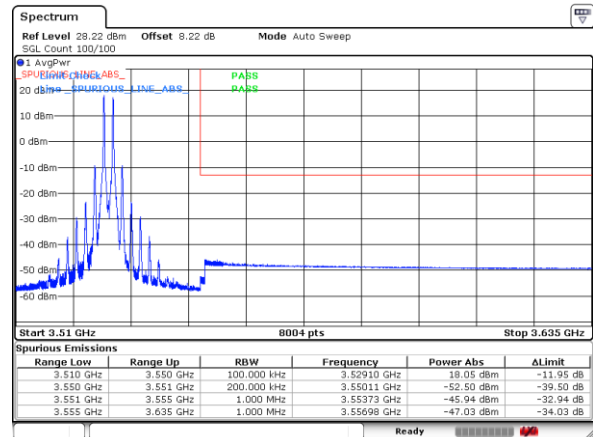
Date: 24.AUG.2021 04:20:23

Highest Band Edge / 1RB0 and 1RB99


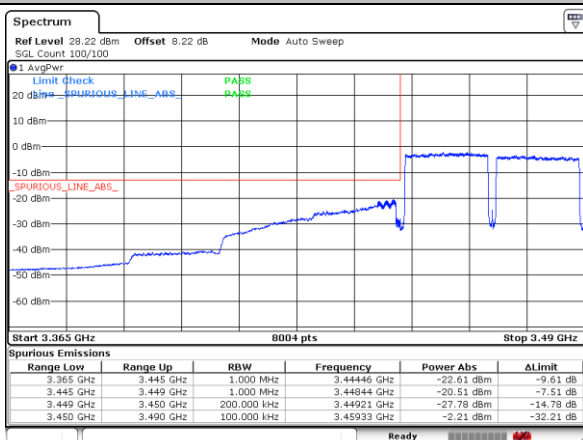
Date: 24.AUG.2021 04:17:37

Lowest Band Edge / 1RB99 and 1RB0


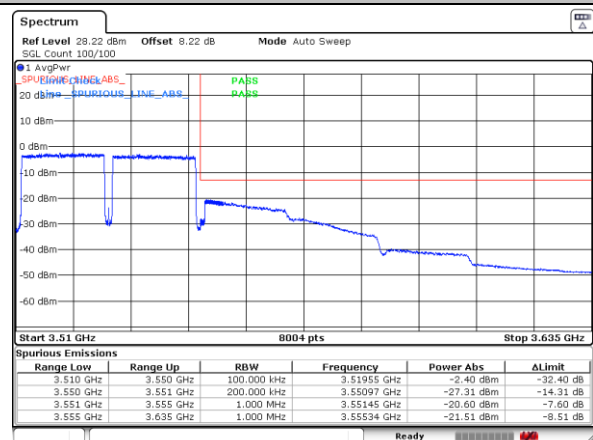
Date: 24.AUG.2021 04:28:04

Highest Band Edge / 1RB99 and 1RB0


Date: 24.AUG.2021 04:16:22

Lowest Band Edge / Full RB


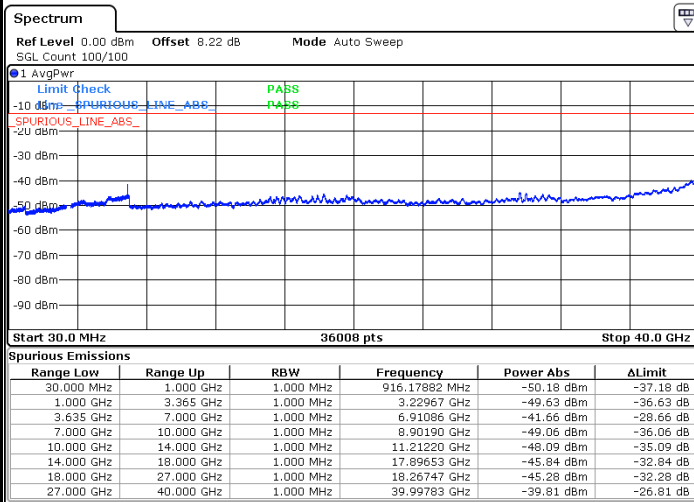
Date: 24.AUG.2021 04:18:55

Highest Band Edge / Full RB


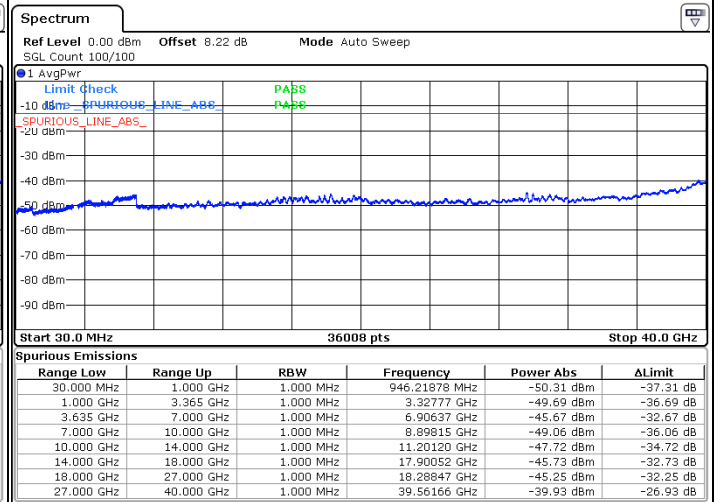
Date: 24.AUG.2021 04:16:58



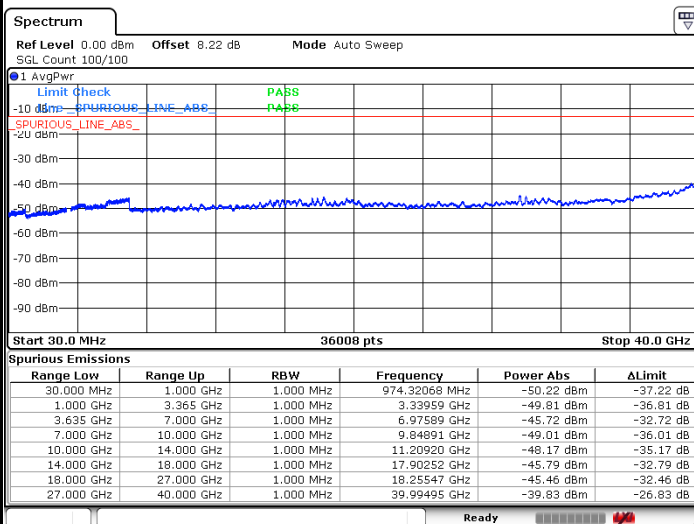
Conducted Spurious Emission

**LTE Band 42C / 5MHz+20MHz QPSK Lowest
Channel / 1RB24 and 1RB0**

Date: 19.AUG.2021 21:39:08

**LTE Band 42C / 5MHz+20MHz QPSK Middle Channel
/ 1RB24 and 1RB0**

Date: 19.AUG.2021 21:40:35

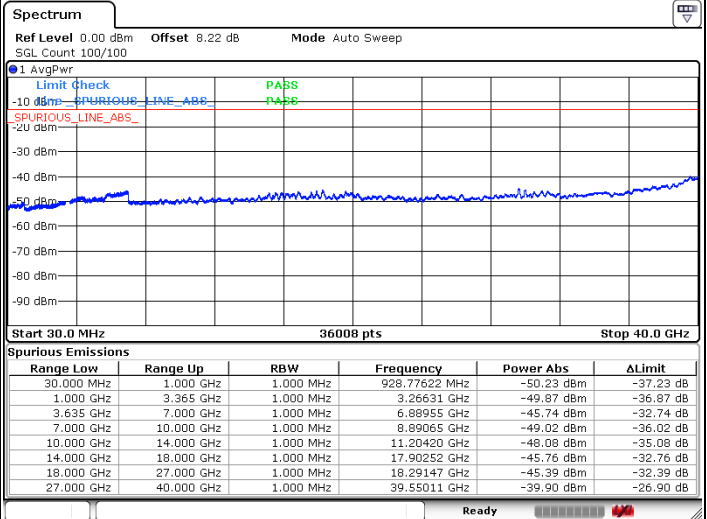
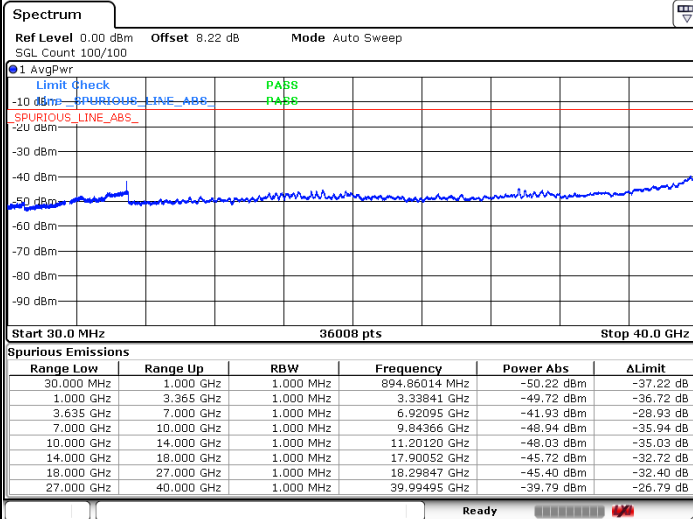
**LTE Band 42C / 5MHz+20MHz QPSK Highest
Channel / 1RB24 and 1RB0**

Date: 19.AUG.2021 21:42:06

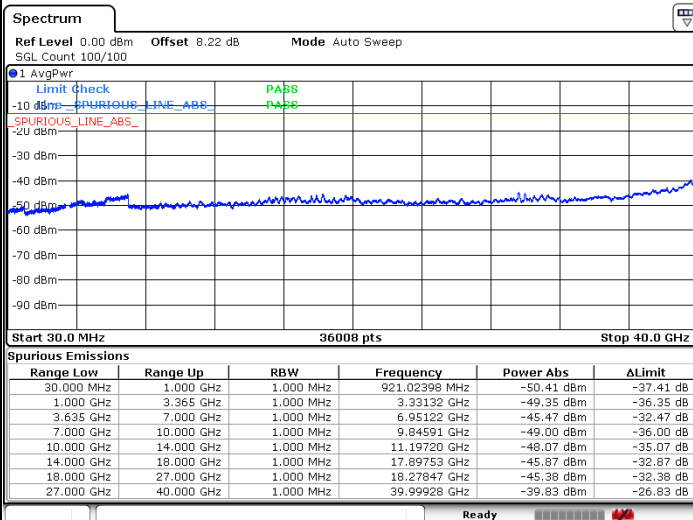


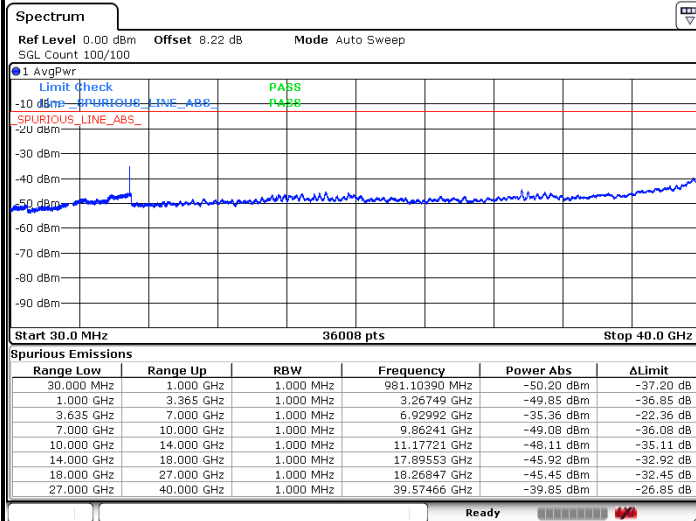
LTE Band 42C / 10MHz+20MHz QPSK Lowest
Channel / 1RB49 and 1RB0

LTE Band 42C / 10MHz+20MHz QPSK Middle
Channel / 1RB49 and 1RB0

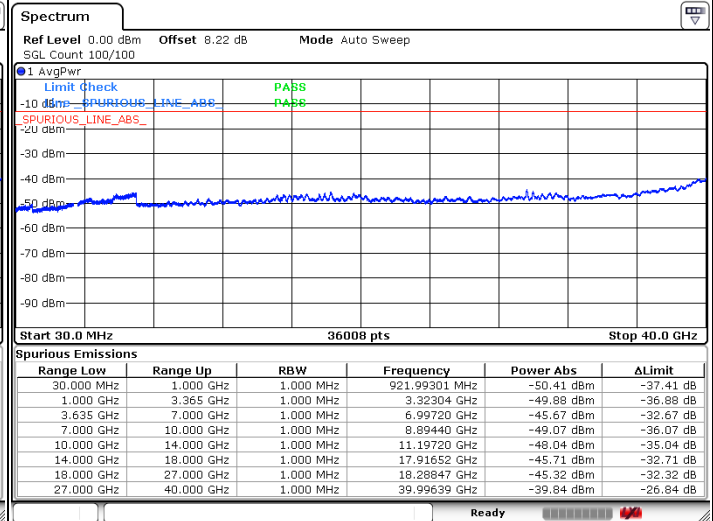


LTE Band 42C / 10MHz+20MHz QPSK Highest
Channel / 1RB49 and 1RB0

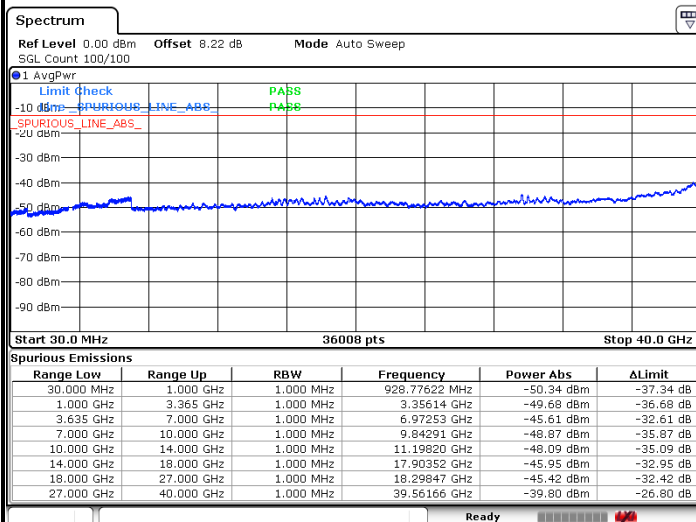


**LTE Band 42C / 15MHz+20MHz QPSK Lowest
Channel / 1RB74 and 1RB0****LTE Band 42C / 15MHz+20MHz QPSK Middle
Channel / 1RB74 and 1RB0**

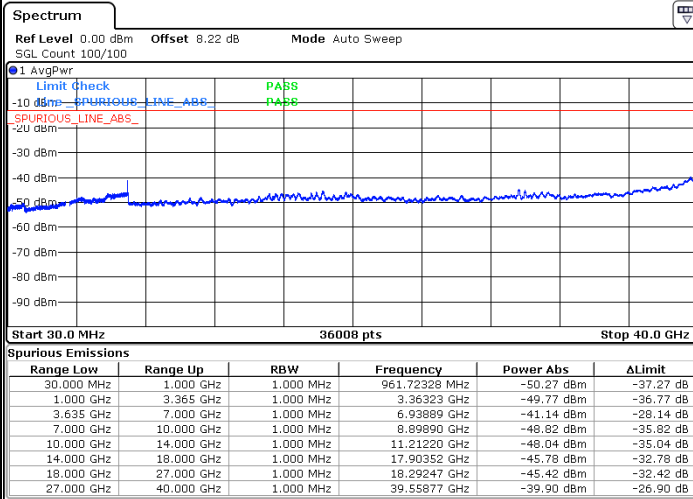
Date: 19.AUG.2021 21:13:35



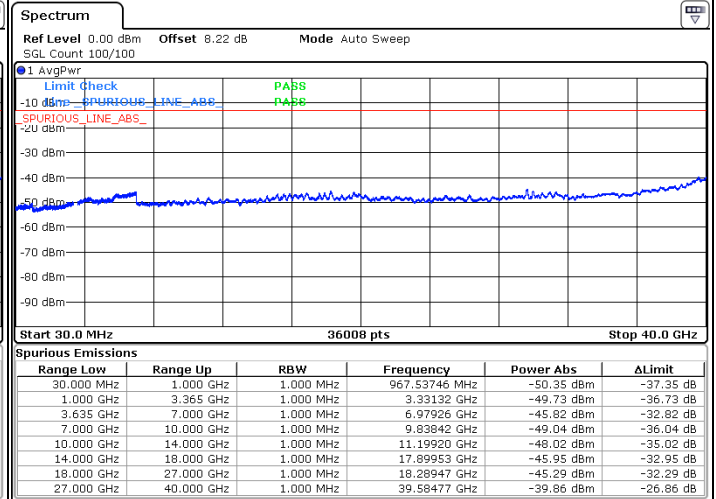
Date: 19.AUG.2021 21:15:11

**LTE Band 42C / 15MHz+20MHz QPSK Highest
Channel / 1RB74 and 1RB0**

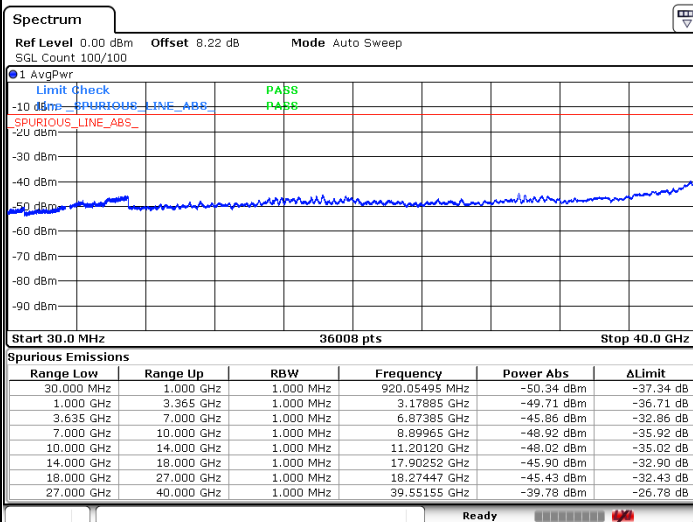
Date: 19.AUG.2021 21:19:23

**LTE Band 42C / 20MHz+5MHz QPSK Lowest
Channel / 1RB99 and 1RB0**

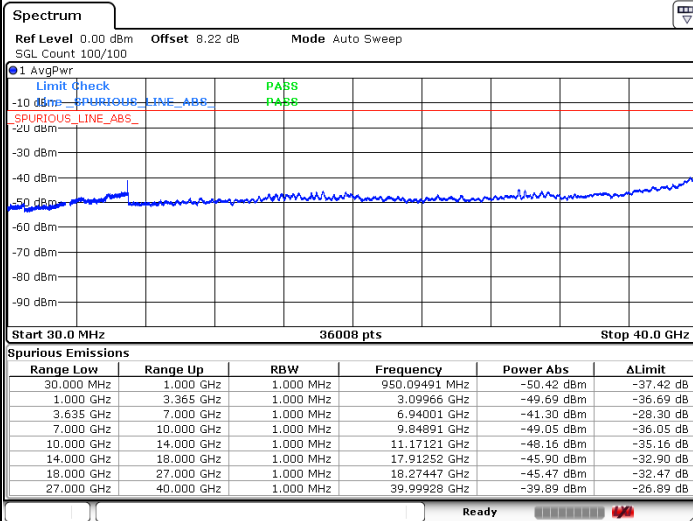
Date: 19.AUG.2021 21:33:27

**LTE Band 42C / 20MHz+5MHz QPSK Middle Channel
/ 1RB99 and 1RB0**

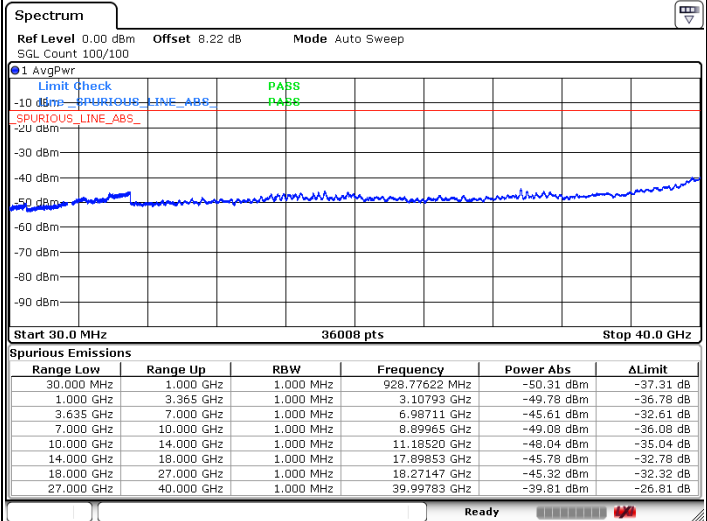
Date: 19.AUG.2021 21:35:02

**LTE Band 42C / 20MHz+5MHz QPSK Highest
Channel / 1RB99 and 1RB0**

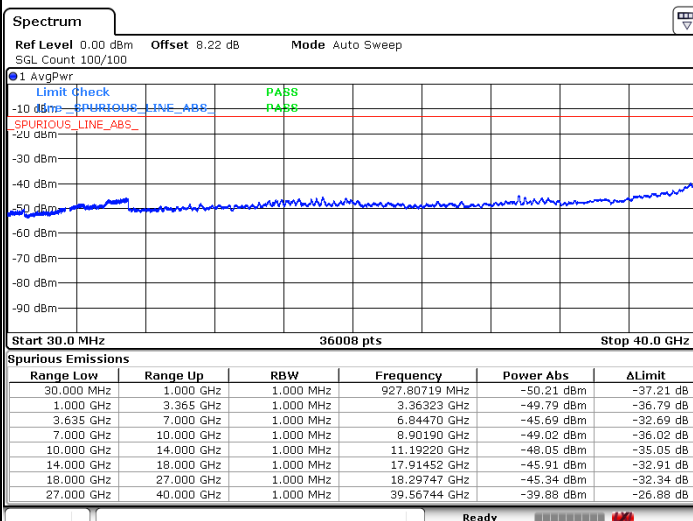
Date: 19.AUG.2021 21:36:38

**LTE Band 42C / 20MHz+10MHz QPSK Lowest
Channel / 1RB99 and 1RB0****LTE Band 42C / 20MHz+10MHz QPSK Middle
Channel / 1RB99 and 1RB0**

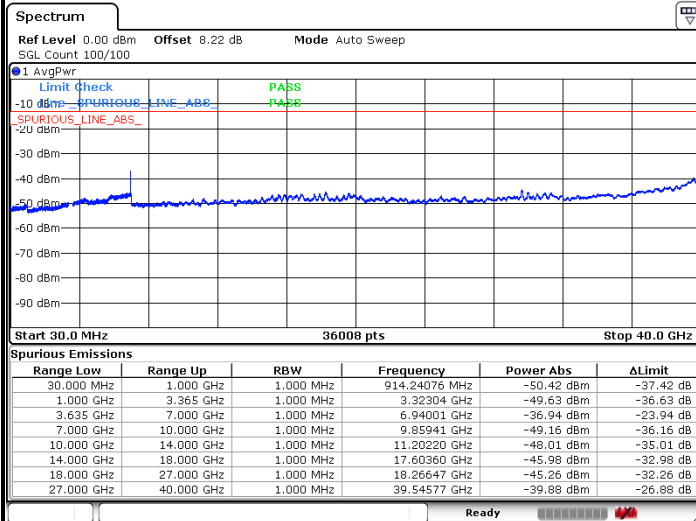
Date: 19.AUG.2021 21:23:31



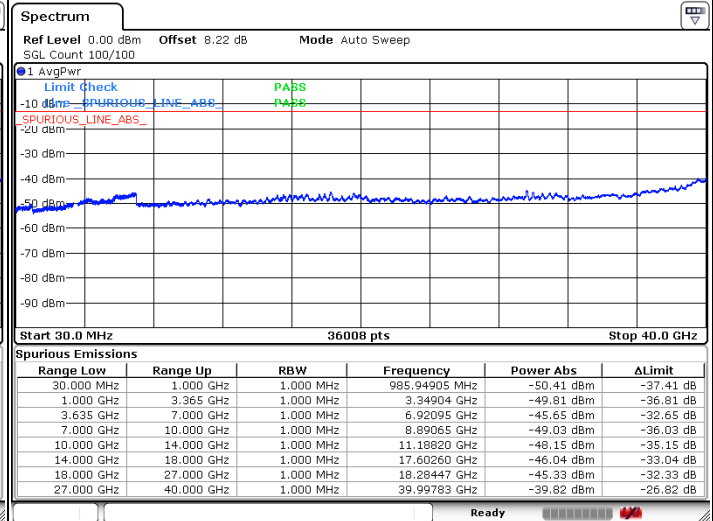
Date: 19.AUG.2021 21:25:07

**LTE Band 42C / 20MHz+10MHz QPSK Highest
Channel / 1RB99 and 1RB0**

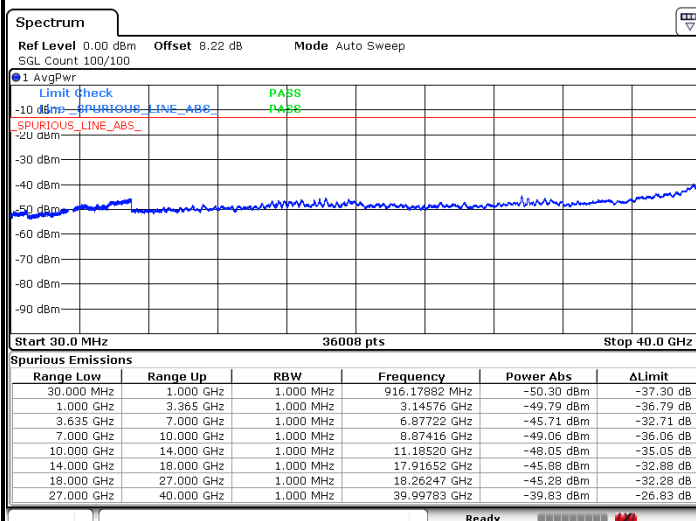
Date: 19.AUG.2021 21:26:34

LTE Band 42C / 20MHz+15MHz QPSK Lowest
Channel / 1RB99 and 1RB0LTE Band 42C / 20MHz+15MHz QPSK Middle
Channel / 1RB99 and 1RB0

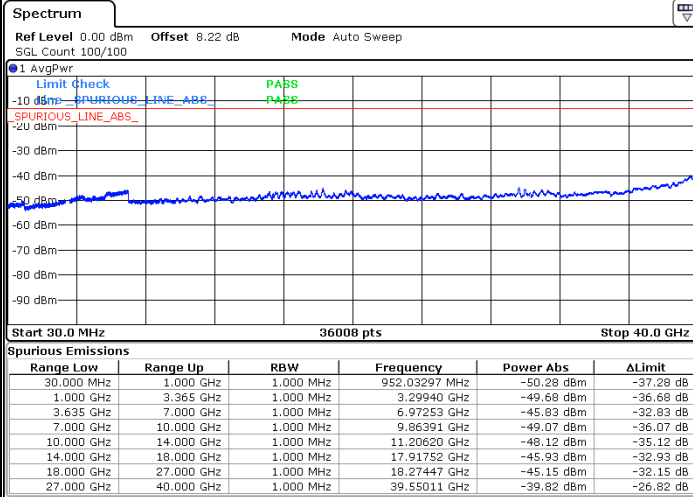
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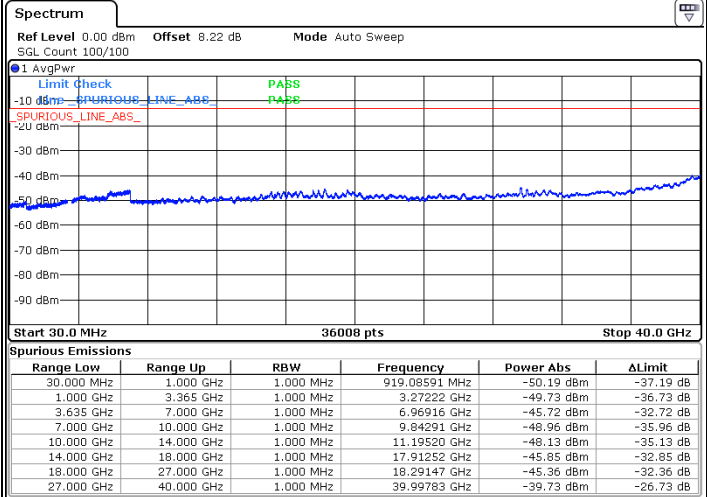
Date: 19.AUG.2021 21:10:18

LTE Band 42C / 20MHz+15MHz QPSK Highest
Channel / 1RB99 and 1RB0

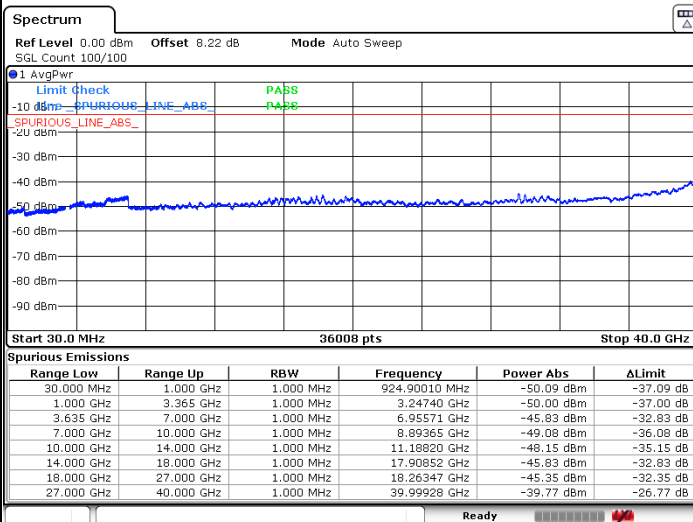
Date: 19.AUG.2021 21:11:56

**LTE Band 42C / 20MHz+20MHz QPSK Lowest
Channel / 1RB99 and 1RB0****LTE Band 42C / 20MHz+20MHz QPSK Middle
Channel / 1RB99 and 1RB0**

Date: 19.AUG.2021 21:02:06



Date: 19.AUG.2021 21:00:09

**LTE Band 42C / 20MHz+20MHz QPSK Highest
Channel / 1RB99 and 1RB0**

Date: 19.AUG.2021 20:57:50

Frequency Stability

Test Conditions		LTE Band 42C (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0001	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0010	
20	Battery End Point	0.0024	

Note:

3. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.45 V.
4. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 42 / 20MHz / 16QAM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6984	-45.88	-13	-32.88	-53.18	3.56	13.01	H
	10470	-50.89	-13	-37.89	-58.26	3.92	13.44	H
	13962	-50.78	-13	-37.78	-57.67	4.39	13.43	H
	17454	-47.24	-13	-34.24	-54.01	4.79	13.71	H
	6984	-23.85	-13	-10.85	-31.15	3.56	13.01	V
	10470	-36.02	-13	-23.02	-43.39	3.92	13.44	V
	13962	-28.00	-13	-15.00	-34.89	4.39	13.43	V
	17454	-33.44	-13	-20.44	-40.21	4.79	13.71	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 42C / 20M+20M / 16QAM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6984	-56.64	-13	-43.64	-63.94	3.56	13.01	H
	10473.27	-58.56	-13	-45.56	-65.93	3.92	13.44	H
	13962	-58.88	-13	-45.88	-65.77	4.39	13.43	H
	17455.45	-55.23	-13	-42.23	-62.00	4.79	13.71	H
	6984	-39.35	-13	-26.35	-46.65	3.56	13.01	V
	10473.27	-58.91	-13	-45.91	-66.28	3.92	13.44	V
	13962	-59.01	-13	-46.01	-65.90	4.39	13.43	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.