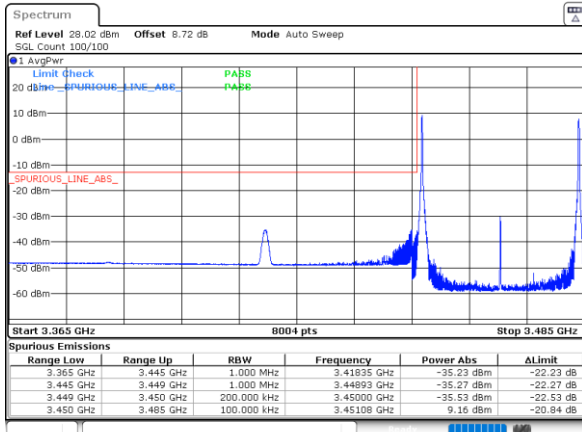




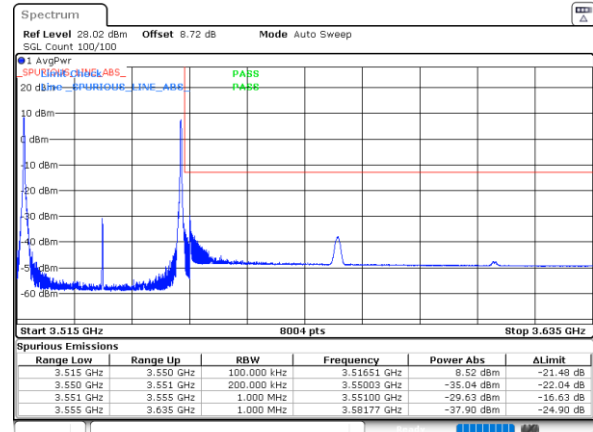
LTE Band 42C / 20MHz+15MHz

16QAM

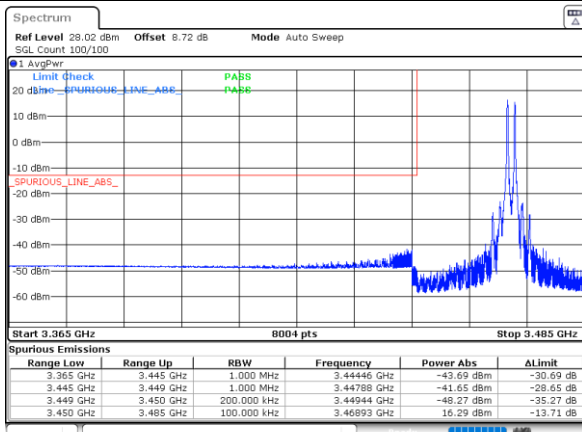
Lowest Band Edge / 1RB0 and 1RB74



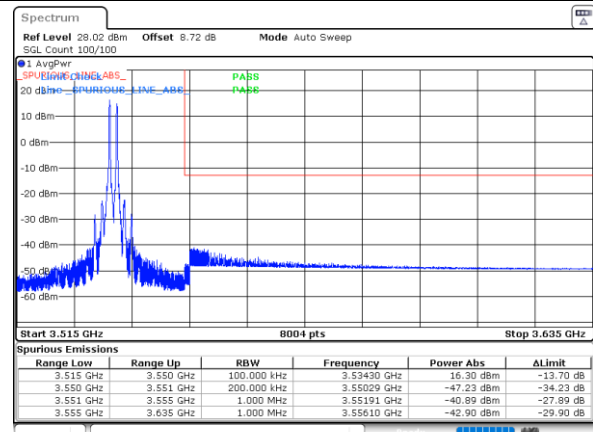
Highest Band Edge / 1RB0 and 1RB74



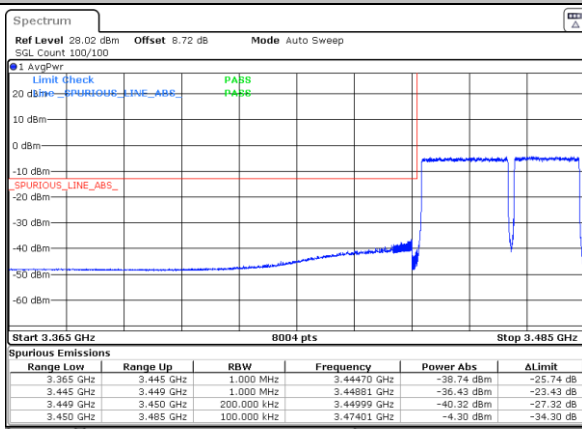
Lowest Band Edge / 1RB99 and 1RB0



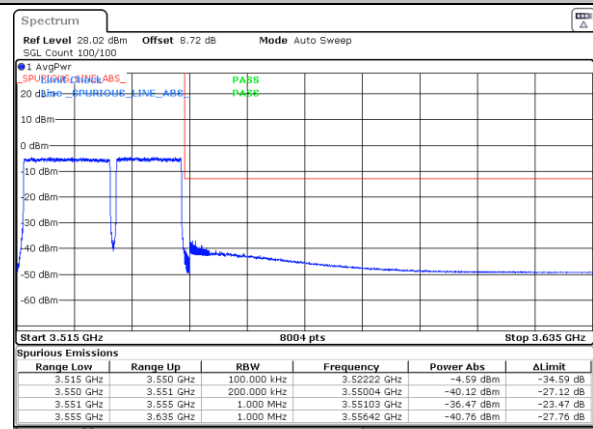
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

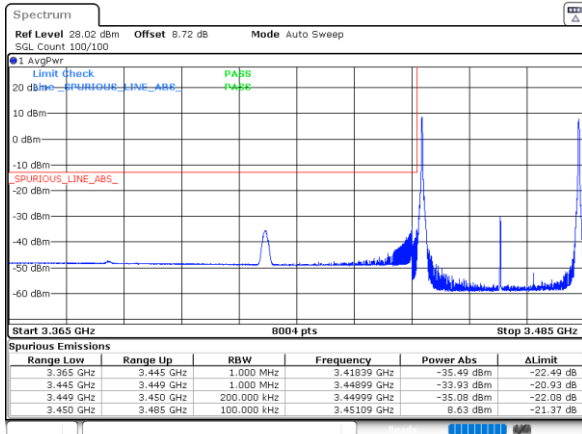




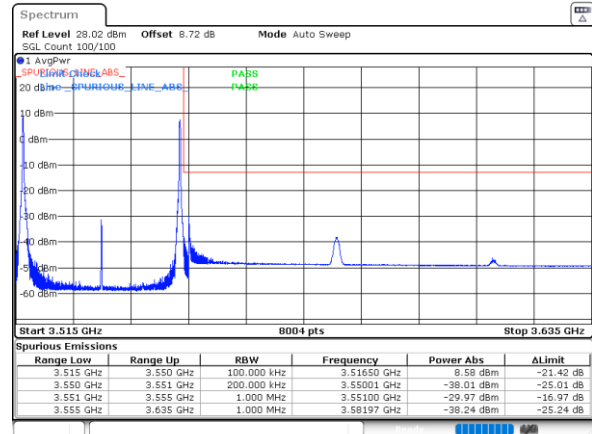
LTE Band 42C / 20MHz+15MHz

64QAM

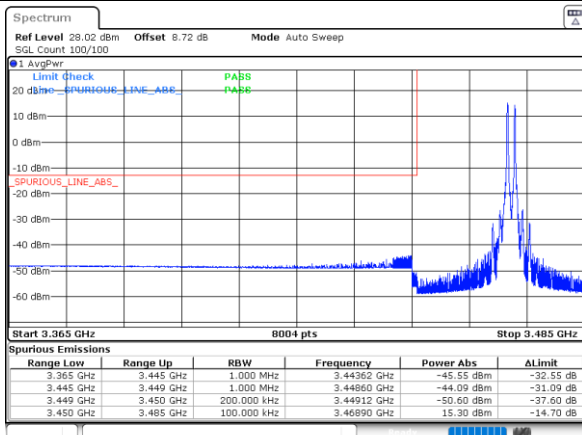
Lowest Band Edge / 1RB0 and 1RB74



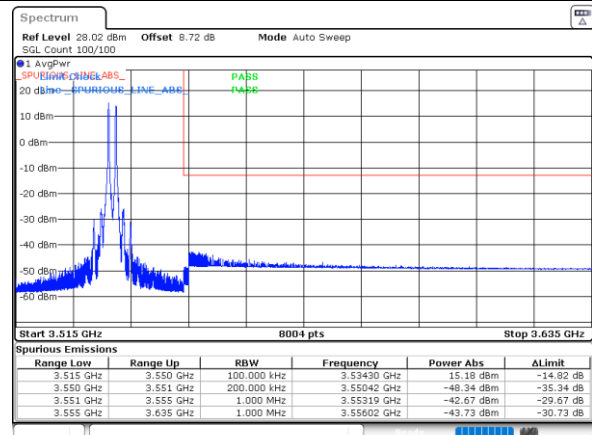
Highest Band Edge / 1RB0 and 1RB74



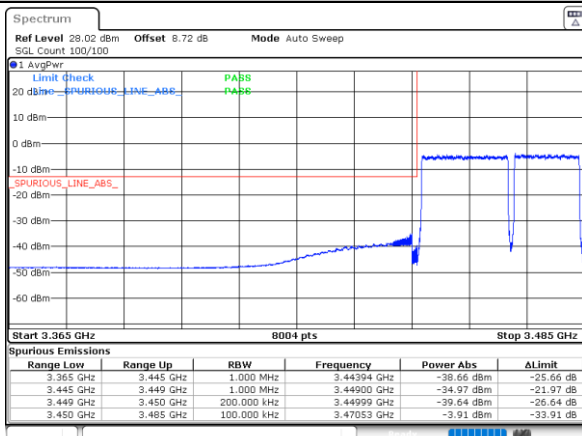
Lowest Band Edge / 1RB99 and 1RB0



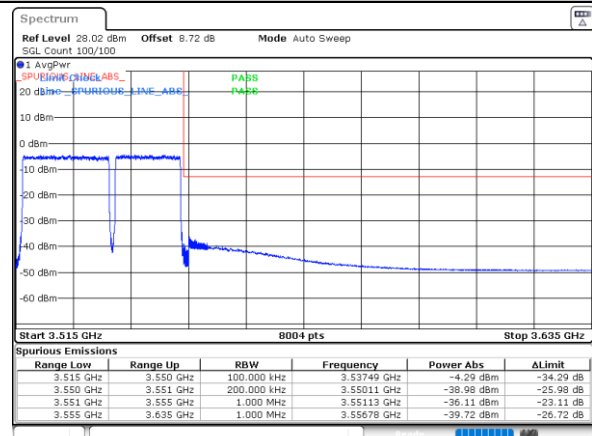
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

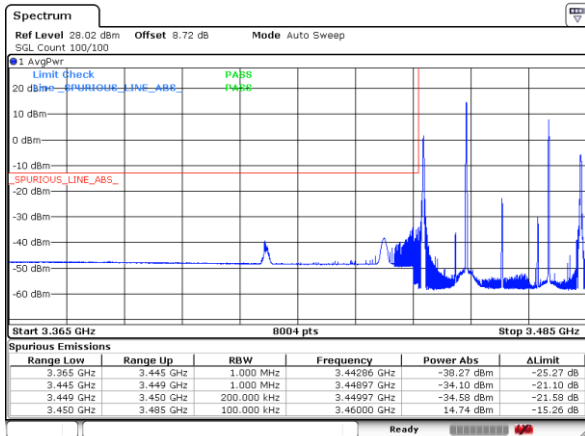




LTE Band 42C / 20MHz+15MHz

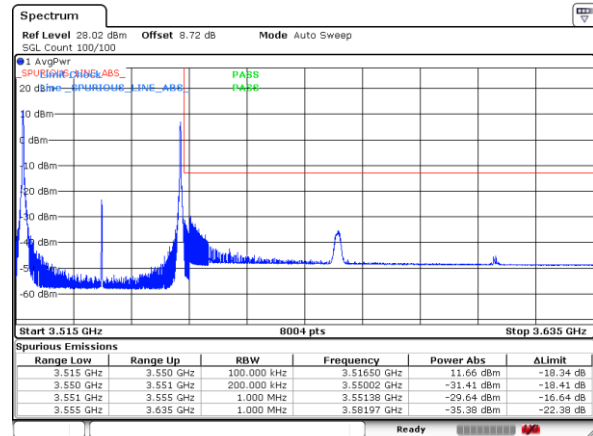
256QAM

Lowest Band Edge / 1RB0 and 1RB74



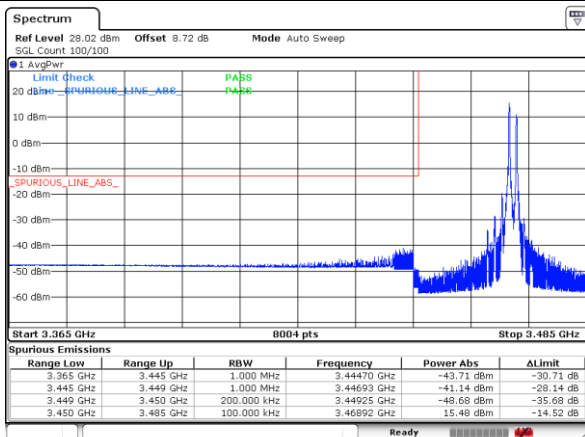
Date: 21.MAR.2022 02:01:49

Highest Band Edge / 1RB0 and 1RB74



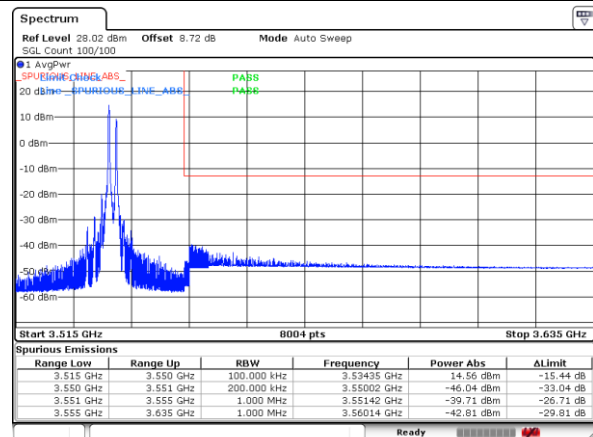
Date: 21.MAR.2022 02:11:24

Lowest Band Edge / 1RB99 and 1RB0



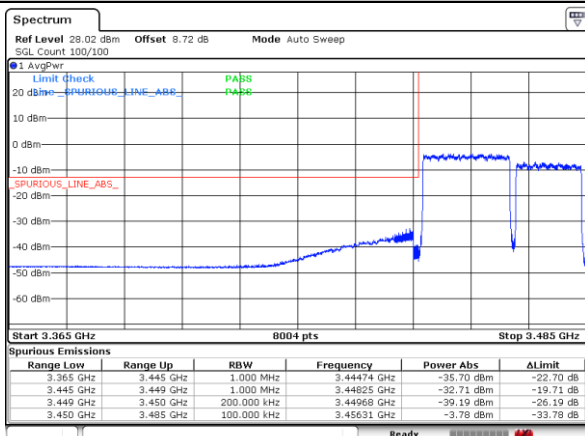
Date: 21.MAR.2022 02:08:00

Highest Band Edge / 1RB99 and 1RB0



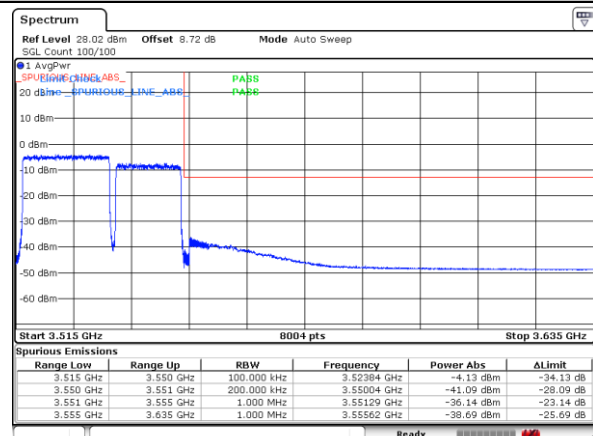
Date: 21.MAR.2022 02:10:07

Lowest Band Edge / Full RB

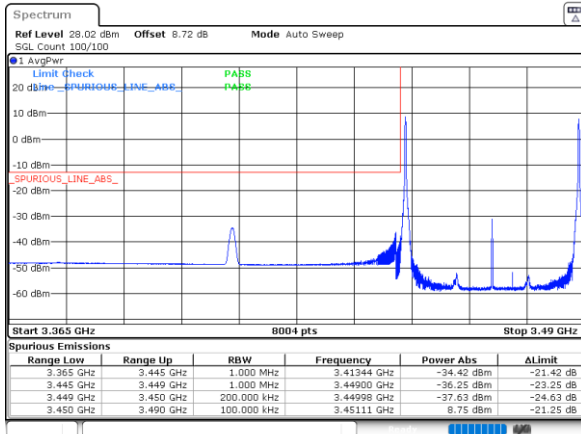
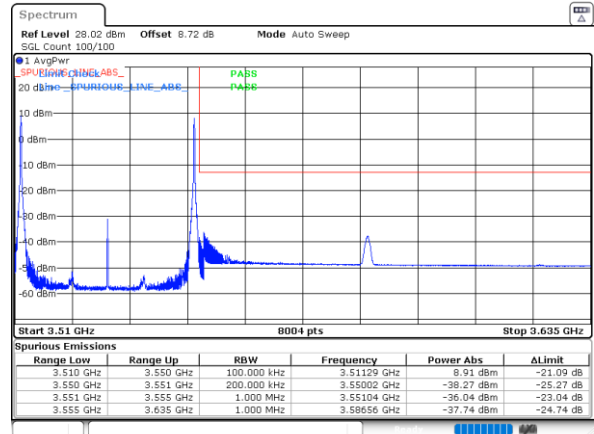
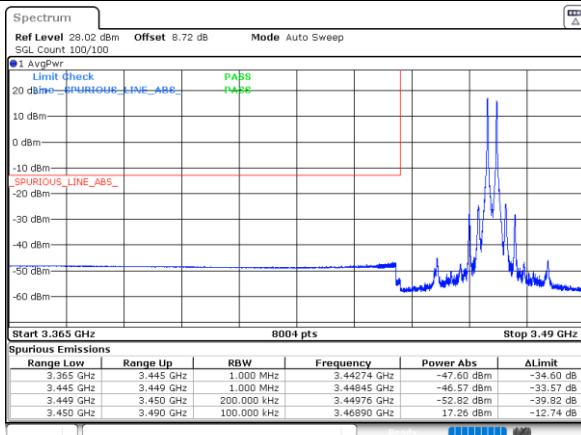
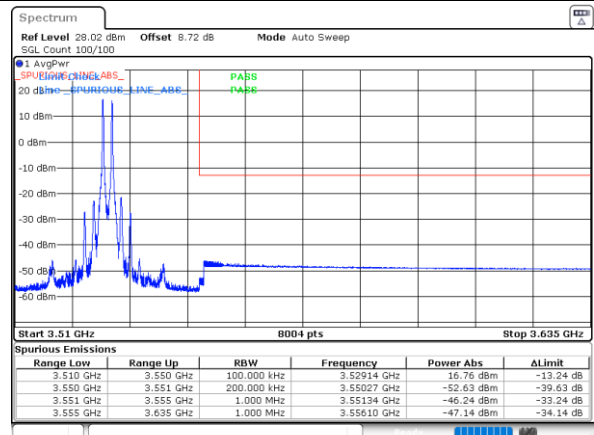
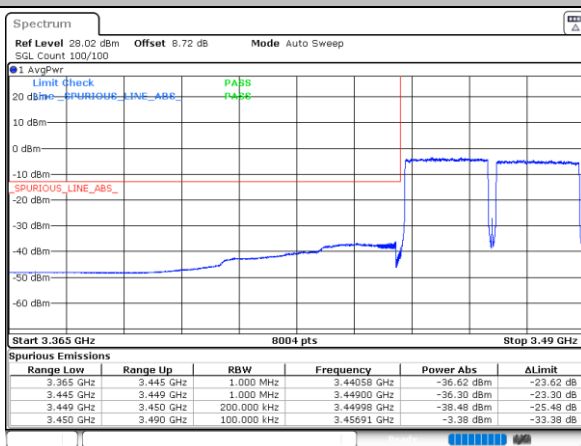
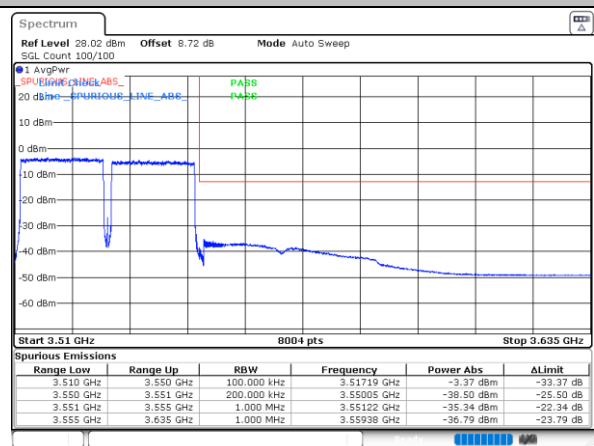


Date: 21.MAR.2022 01:59:57

Highest Band Edge / Full RB



Date: 21.MAR.2022 02:13:33

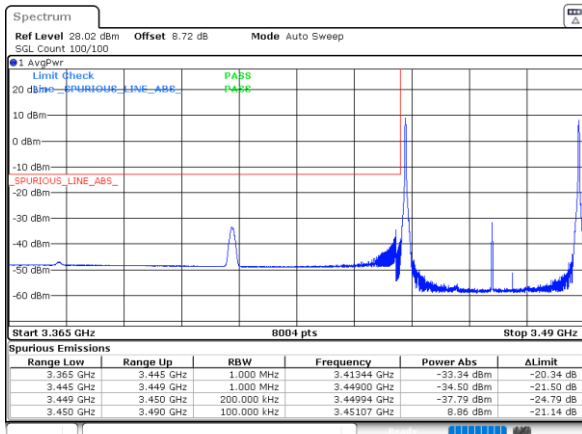
**LTE Band 42C / 20MHz+20MHz****QPSK****Lowest Band Edge / 1RB0 and 1RB99****Highest Band Edge / 1RB0 and 1RB99****Lowest Band Edge / 1RB99 and 1RB0****Highest Band Edge / 1RB99 and 1RB0****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 42C / 20MHz+20MHz

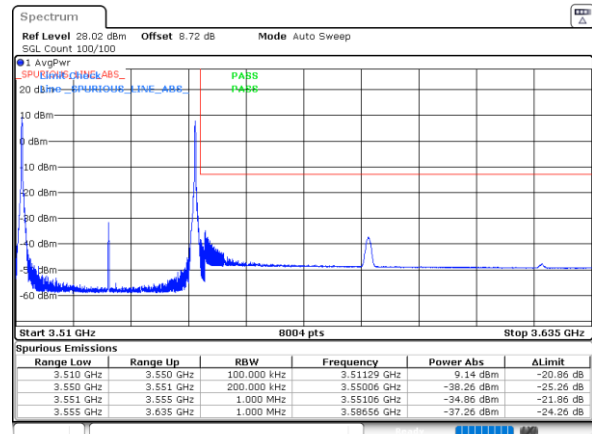
16QAM

Lowest Band Edge / 1RB0 and 1RB99



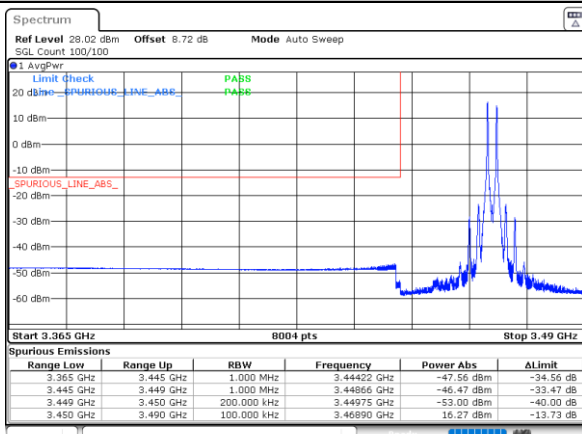
Date: 2.FEB.2022 08:32:35

Highest Band Edge / 1RB0 and 1RB99



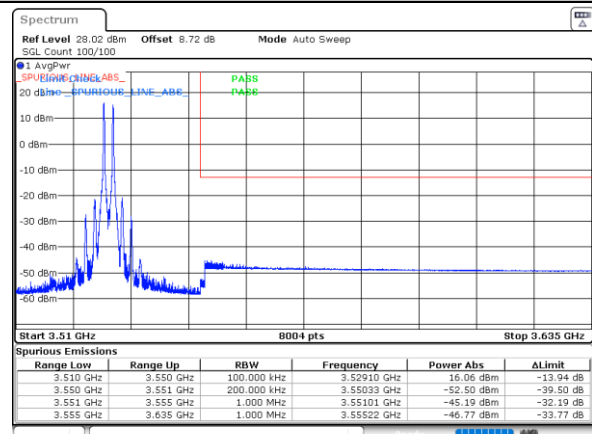
Date: 2.FEB.2022 09:08:51

Lowest Band Edge / 1RB99 and 1RB0



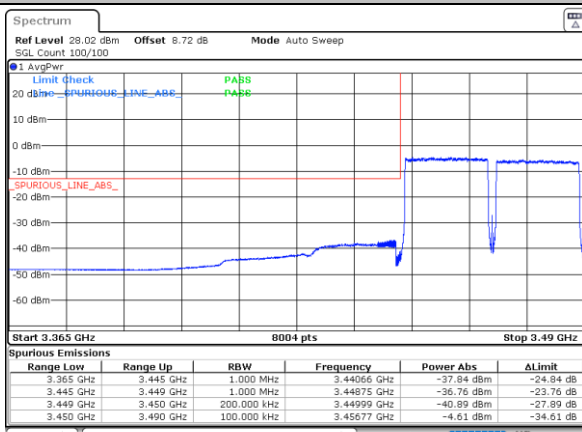
Date: 1.FEB.2022 18:17:46

Highest Band Edge / 1RB99 and 1RB0



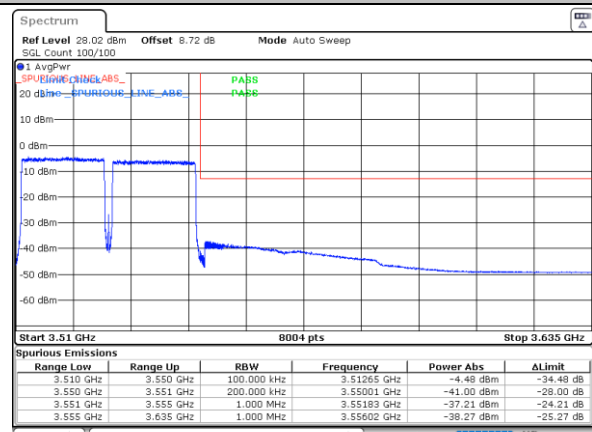
Date: 2.FEB.2022 09:02:37

Lowest Band Edge / Full RB



Date: 2.FEB.2022 08:38:29

Highest Band Edge / Full RB



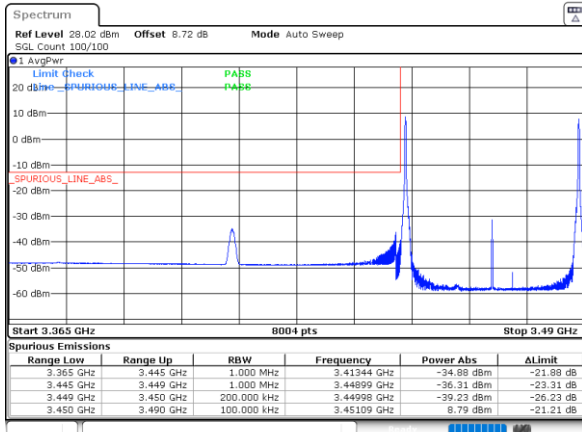
Date: 2.FEB.2022 09:18:19



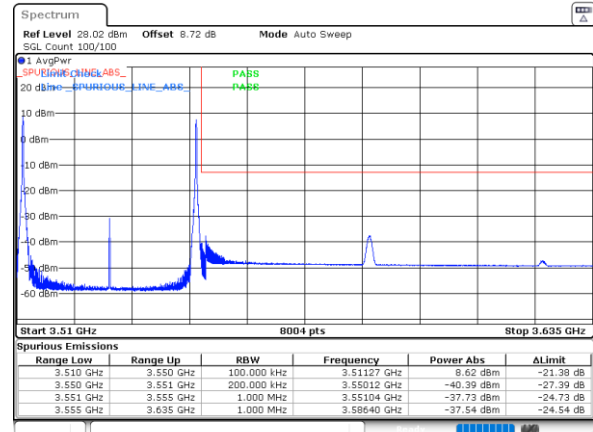
LTE Band 42C / 20MHz+20MHz

64QAM

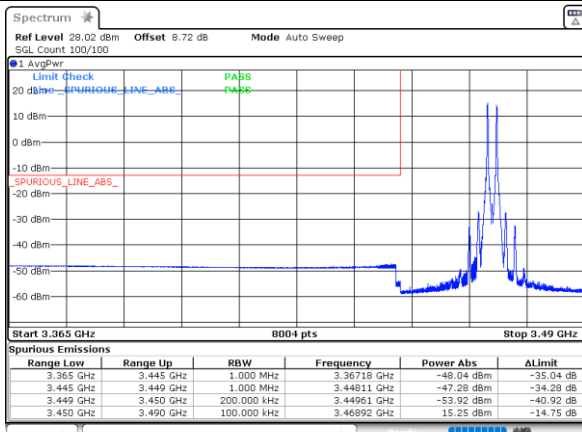
Lowest Band Edge / 1RB0 and 1RB99



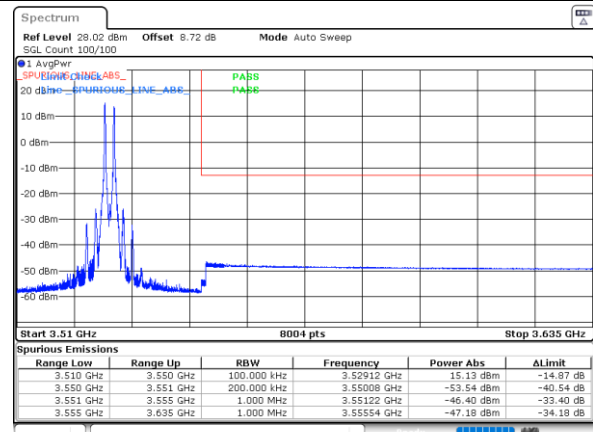
Highest Band Edge / 1RB0 and 1RB99



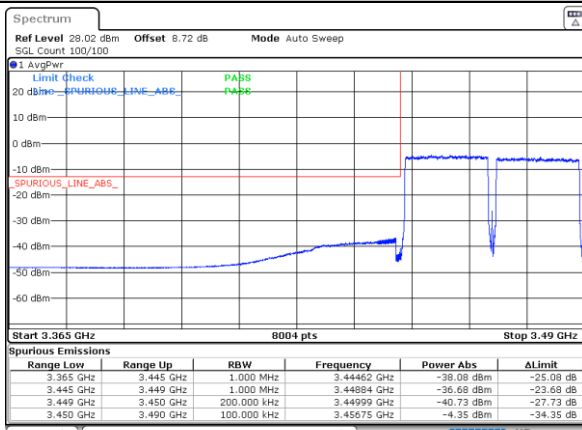
Lowest Band Edge / 1RB99 and 1RB0



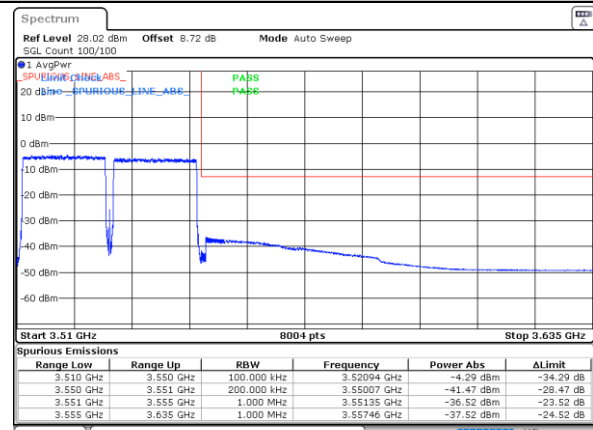
Highest Band Edge / 1RB99 and 1RB0

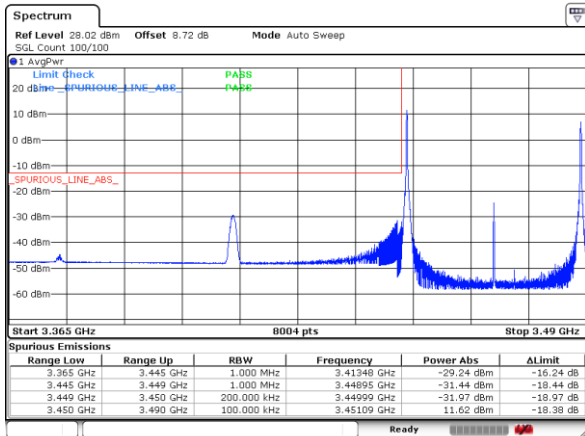


Lowest Band Edge / Full RB

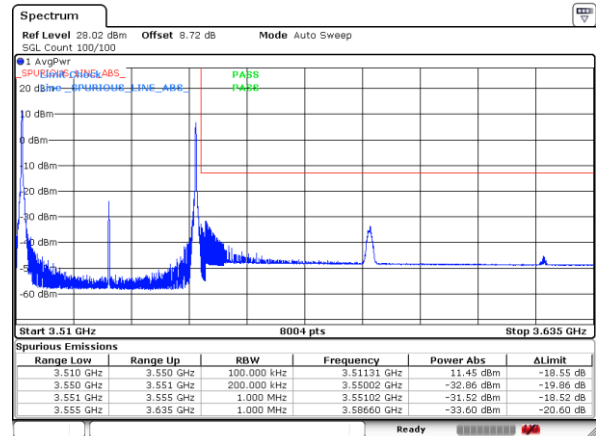


Highest Band Edge / Full RB

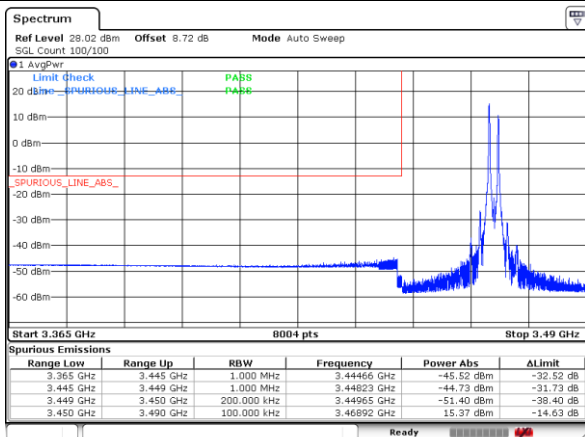


**LTE Band 42C / 20MHz+20MHz****256QAM****Lowest Band Edge / 1RB0 and 1RB99**

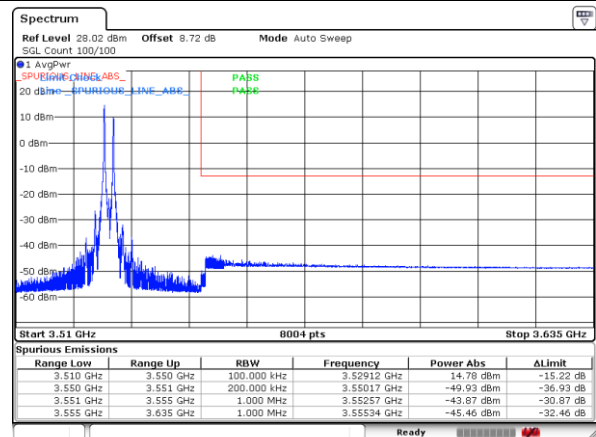
Date: 21.MAR.2022 02:21:32

Highest Band Edge / 1RB0 and 1RB99

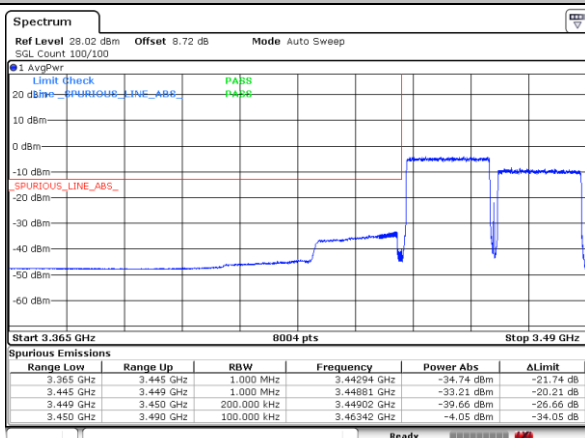
Date: 21.MAR.2022 02:33:41

Lowest Band Edge / 1RB99 and 1RB0

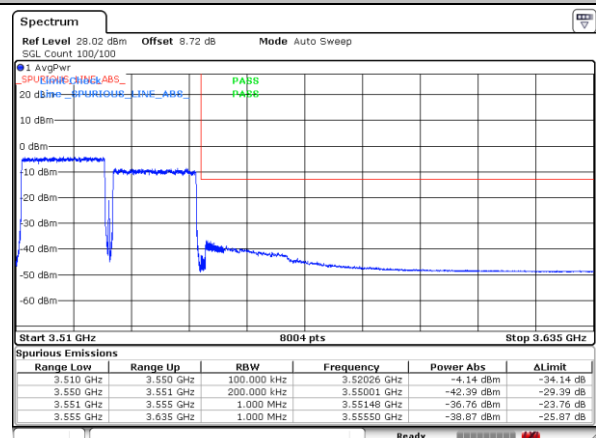
Date: 21.MAR.2022 02:24:56

Highest Band Edge / 1RB99 and 1RB0

Date: 21.MAR.2022 02:35:27

Lowest Band Edge / Full RB

Date: 21.MAR.2022 02:22:48

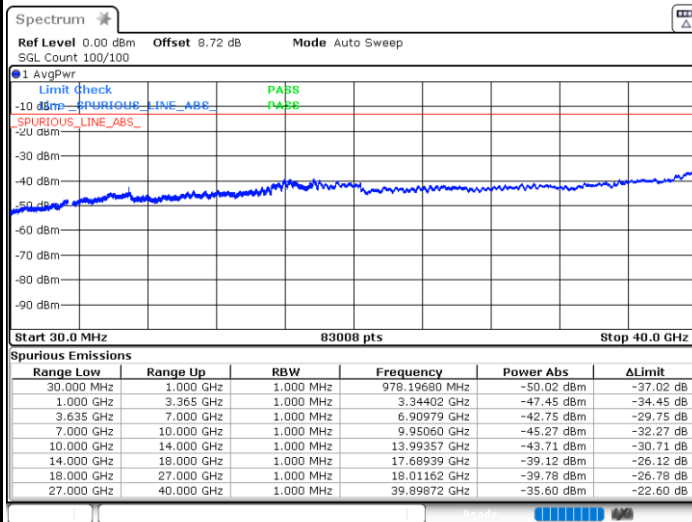
Highest Band Edge / Full RB

Date: 21.MAR.2022 02:32:48



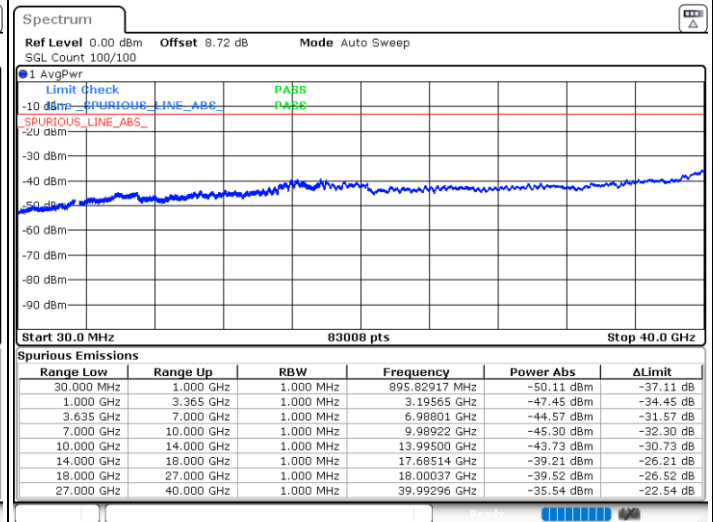
Conducted Spurious Emission

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



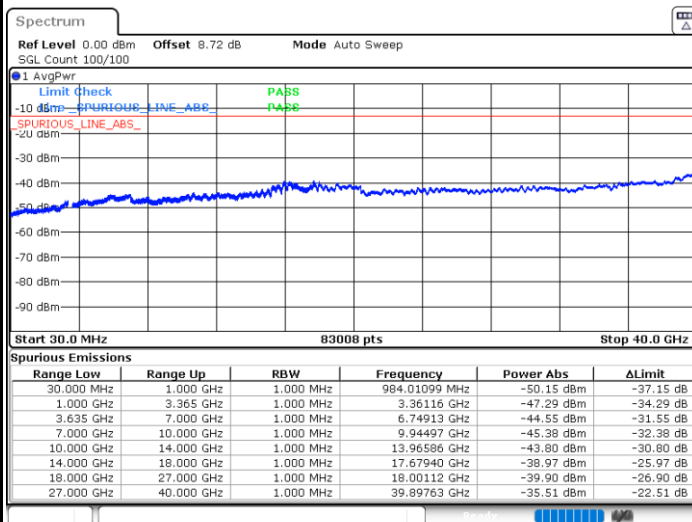
Date: 1.FEB.2022 15:32:18

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



Date: 1.FEB.2022 15:44:12

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

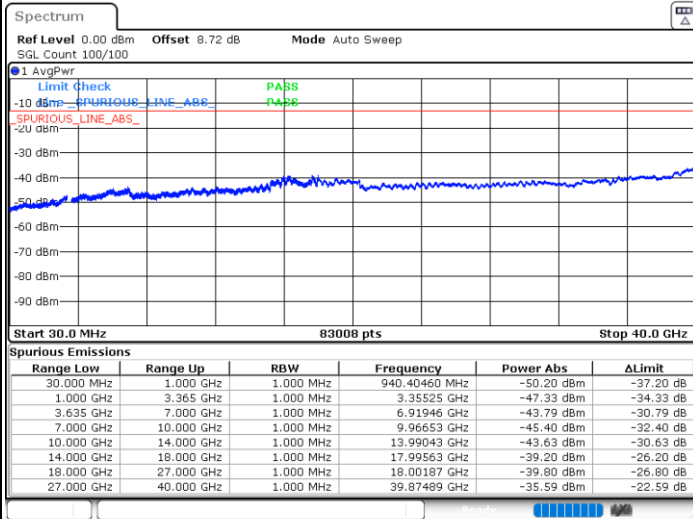


Date: 1.FEB.2022 15:46:07

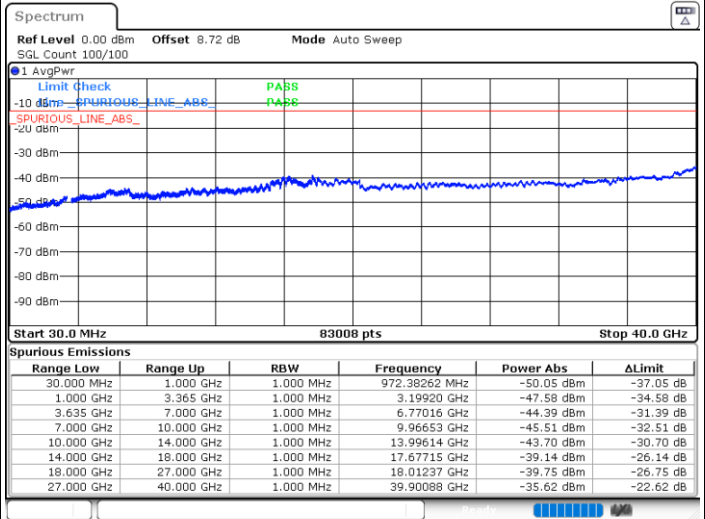


LTE Band 42C / 10MHz+20MHz QPSK Lowest
Channel / 1RB49 and 1RB0

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

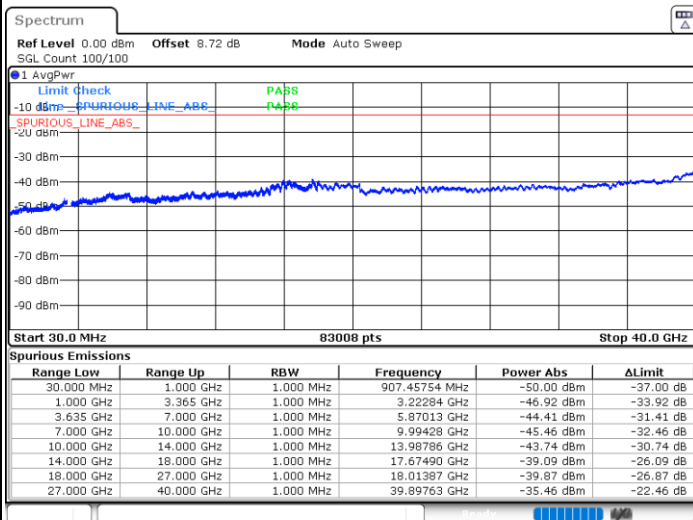


Date: 1.FEB.2022 16:39:36



Date: 1.FEB.2022 16:49:52

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

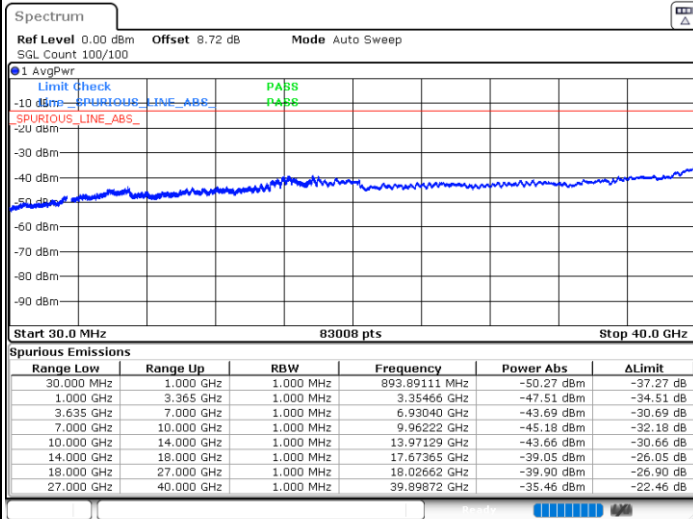


Date: 1.FEB.2022 16:52:05

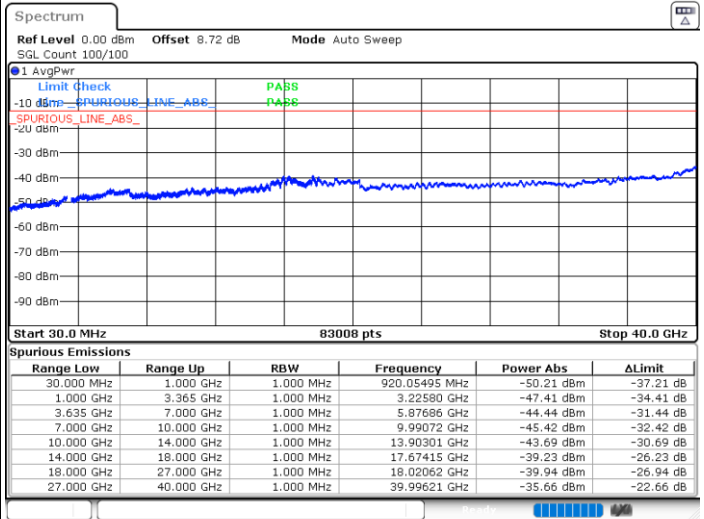


LTE Band 42C / 15MHz+20MHz QPSK Lowest
Channel / 1RB74 and 1RB0

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

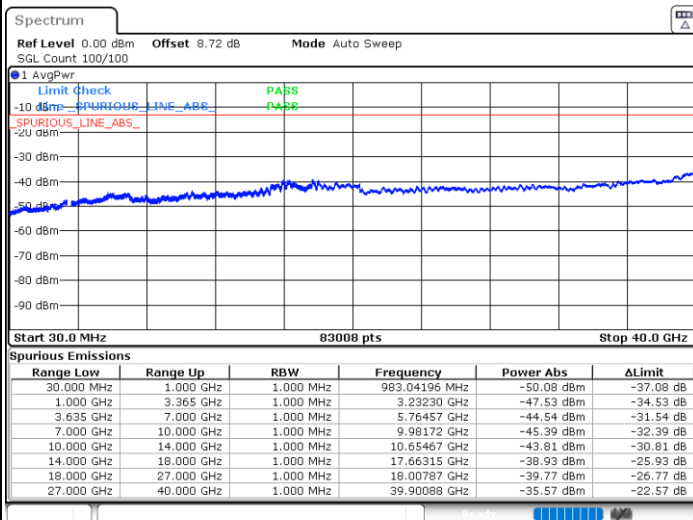


Date: 1.FEB.2022 17:23:47

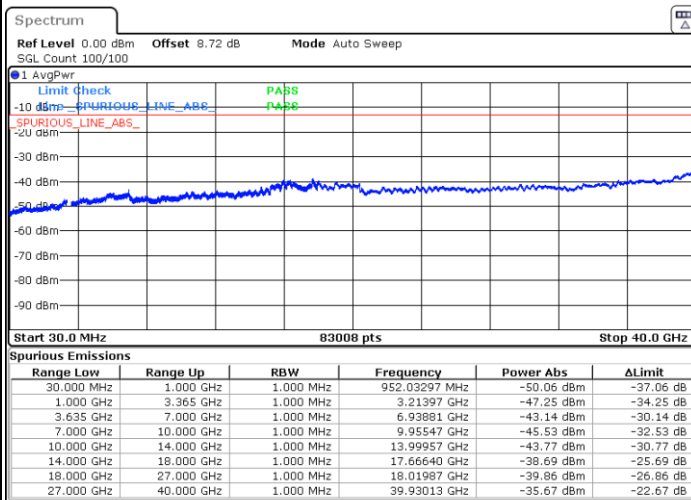


Date: 1.FEB.2022 17:33:44

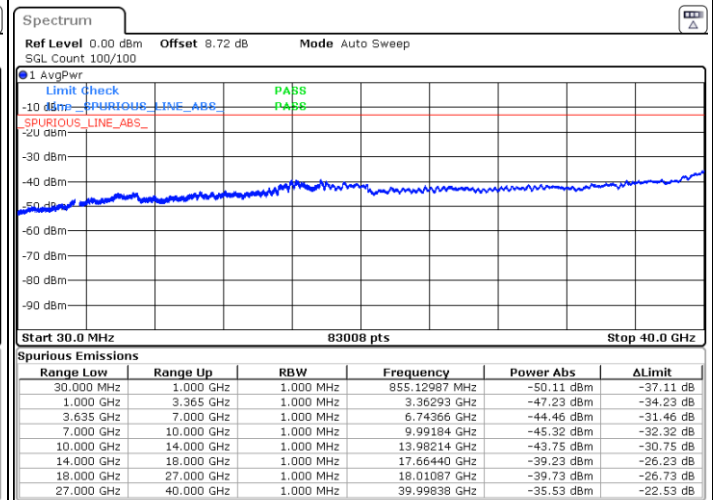
LTE Band 42C / 15MHz+20MHz QPSK Highest
Channel / 1RB74 and 1RB0



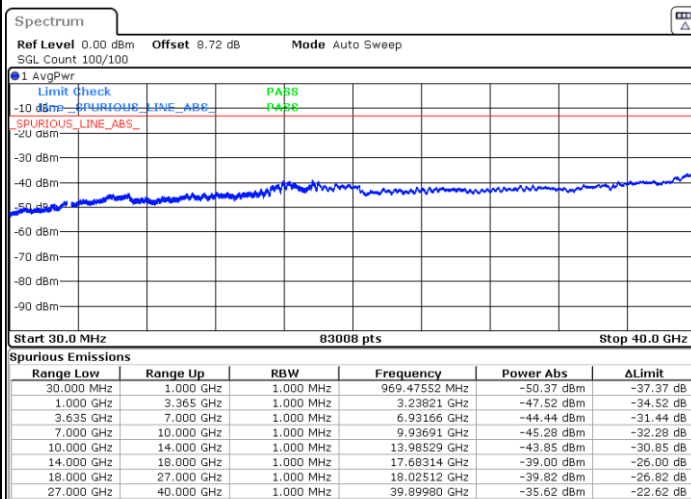
Date: 1.FEB.2022 17:35:56

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

Date: 1.FEB.2022 15:58:42

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

Date: 1.FEB.2022 16:09:29

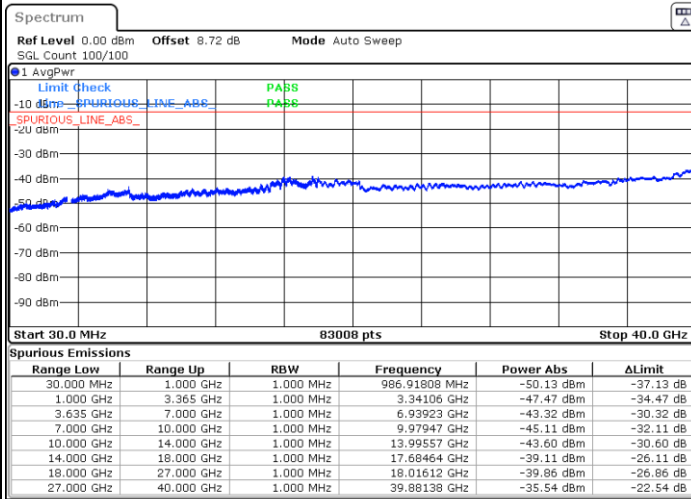
**LTE Band 42C / 20MHz+5MHz QPSK Highest
Channel / 1RB99 and 1RB0**

Date: 1.FEB.2022 16:12:09

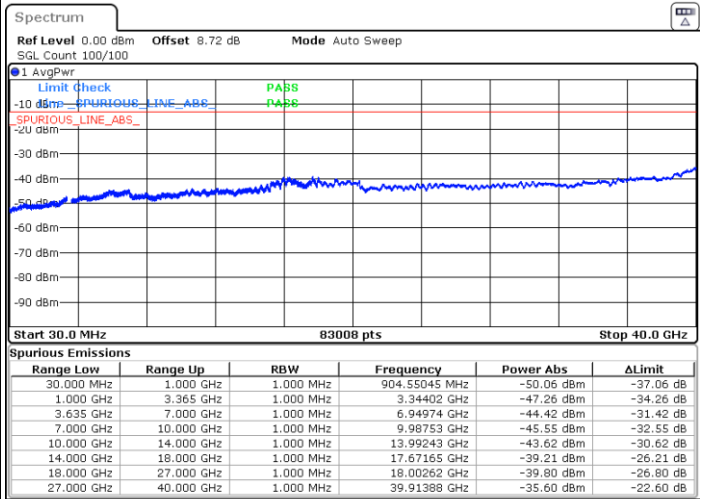


LTE Band 42C / 20MHz+10MHz QPSK Lowest
Channel / 1RB99 and 1RB0

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

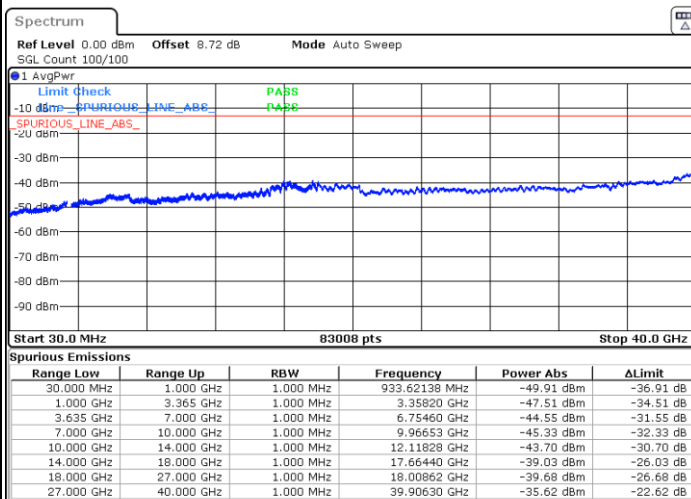


Date: 1.FEB.2022 17:02:01

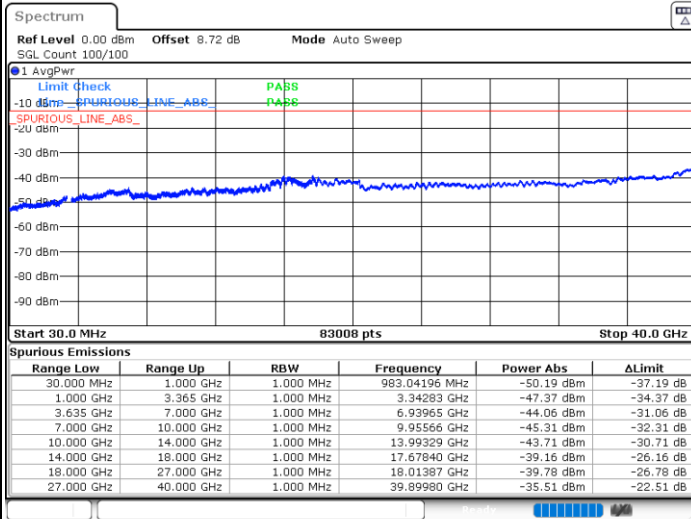


Date: 1.FEB.2022 17:11:57

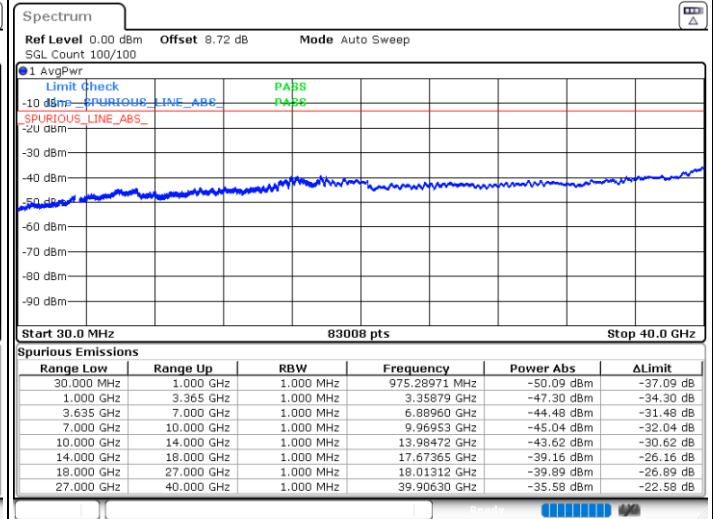
LTE Band 42C / 20MHz+10MHz QPSK Highest
Channel / 1RB99 and 1RB0



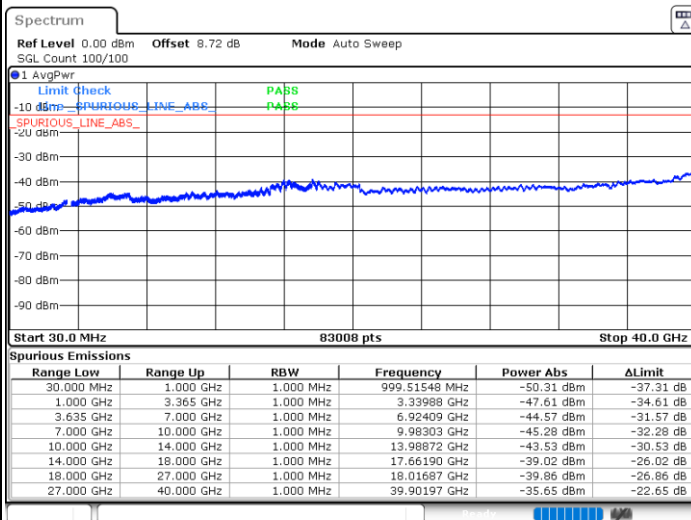
Date: 1.FEB.2022 17:13:27

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

Date: 1.FEB.2022 17:46:11



Date: 1.FEB.2022 18:03:00

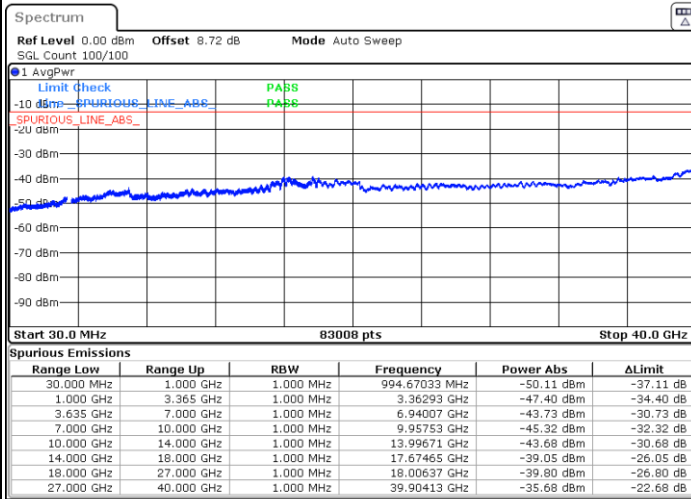
LTE Band 42C / 20MHz+15MHz QPSK Highest
Channel / 1RB99 and 1RB0

Date: 1.FEB.2022 18:05:41

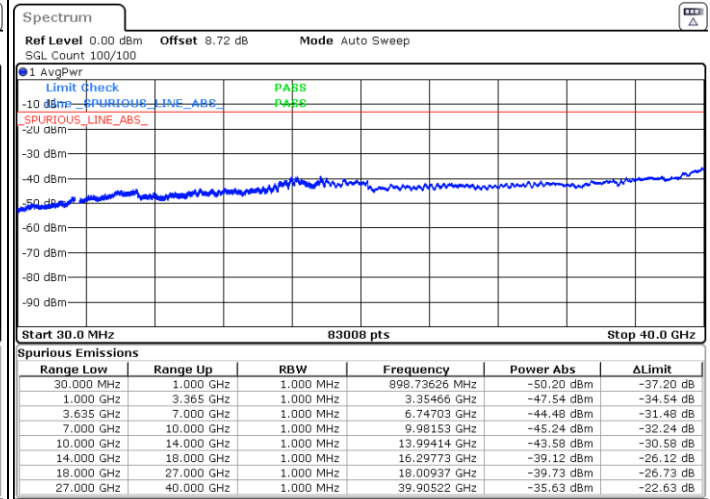


LTE Band 42C / 20MHz+20MHz QPSK Lowest
Channel / 1RB99 and 1RB0

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

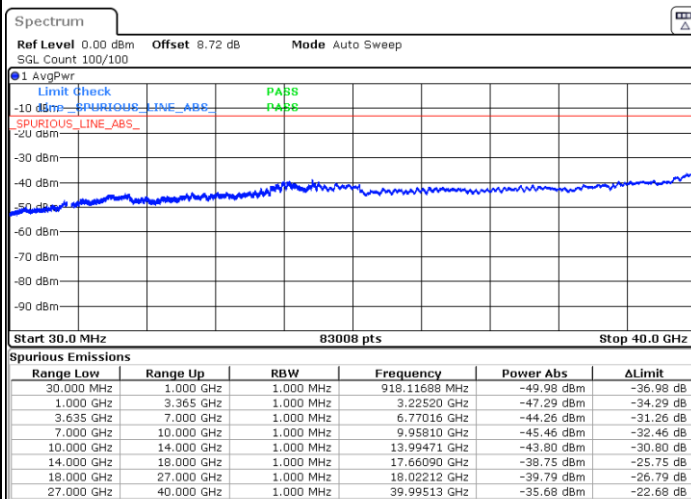


Date: 1.FEB.2022 18:15:11



Date: 2.FEB.2022 08:42:17

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



Date: 2.FEB.2022 08:59:37

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	0.0025	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	22~23℃
		Relative Humidity :	41~42%

LTE Band 42 / 20MHz / QPSK / RB Size 1 Offset 0 for Ant.2								
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	-50.96	-13	-37.96	-61.17	3.03	13.24	H
	10476	-47.81	-13	-34.81	-57.26	3.56	13.01	H
	13968	-49.22	-13	-36.22	-58.74	3.92	13.44	H
	17460	-54.11	-13	-41.11	-63.28	4.68	13.85	H
	6984	-55.63	-13	-42.63	-65.84	3.03	13.24	V
	10476	-49.70	-13	-36.70	-59.15	3.56	13.01	V
	13968	-56.00	-13	-43.00	-65.52	3.92	13.44	V
	17460	-51.93	-13	-38.93	-61.10	4.68	13.85	V

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

LTE Band 42C_CA / 20MHz+20MHz / QPSK for Ant.2								
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	6960	-41.92	-13	-28.92	-52.13	3.03	13.24	H
	10440	-45.09	-13	-32.09	-54.54	3.56	13.01	H
	13920	-50.92	-13	-37.92	-60.44	3.92	13.44	H
	17400	-53.42	-13	-40.42	-62.59	4.68	13.85	H
	6960	-54.14	-13	-41.14	-64.35	3.03	13.24	V
	10440	-46.18	-13	-33.18	-55.63	3.56	13.01	V
	13920	-52.27	-13	-39.27	-61.79	3.92	13.44	V
	17400	-56.85	-13	-43.85	-66.02	4.68	13.85	V

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