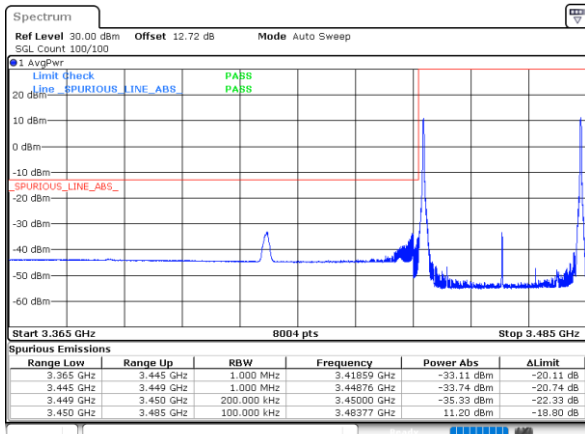




LTE Band 42C / 20MHz+15MHz

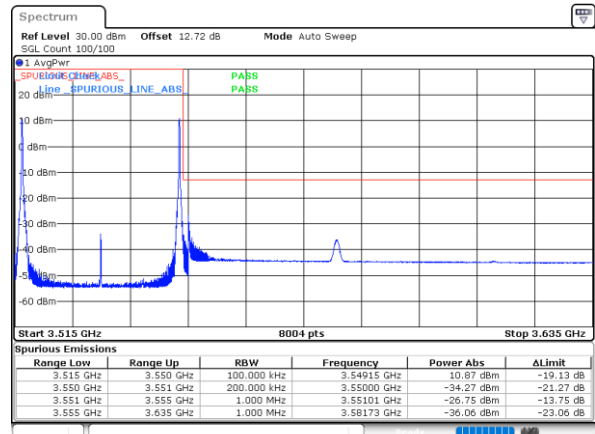
64QAM

Lowest Band Edge / 1RB0 and 1RB74



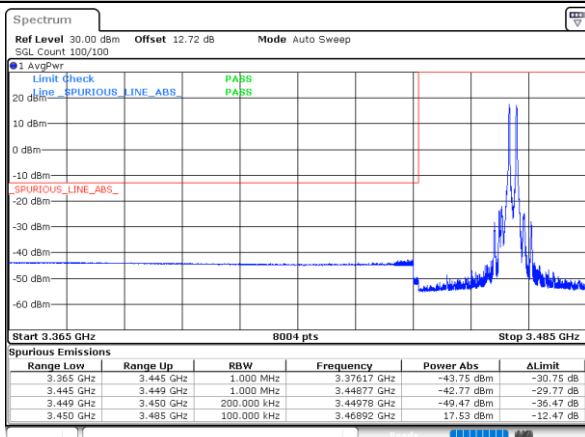
Date: 9.MAR.2022 05:18:44

Highest Band Edge / 1RB0 and 1RB74



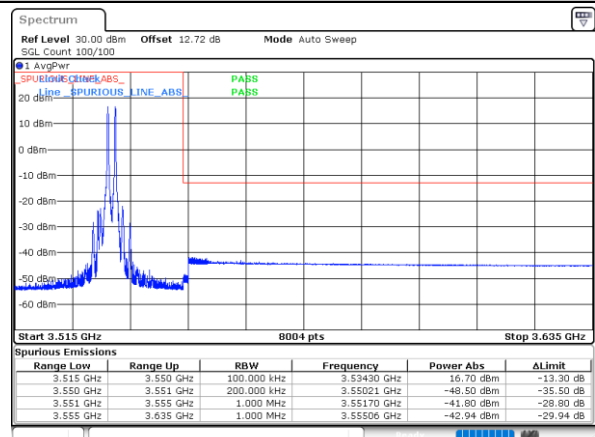
Date: 9.MAR.2022 06:09:42

Lowest Band Edge / 1RB99 and 1RB0



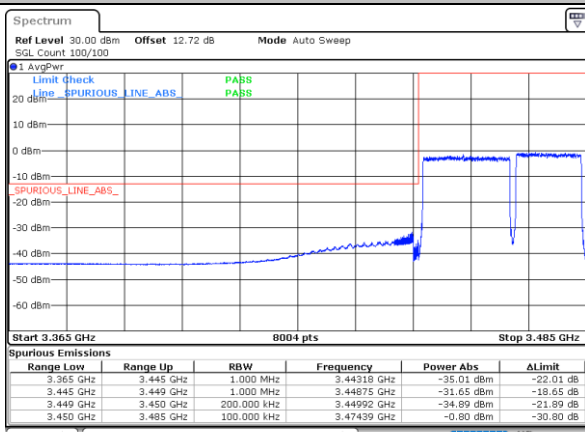
Date: 9.MAR.2022 05:17:47

Highest Band Edge / 1RB99 and 1RB0



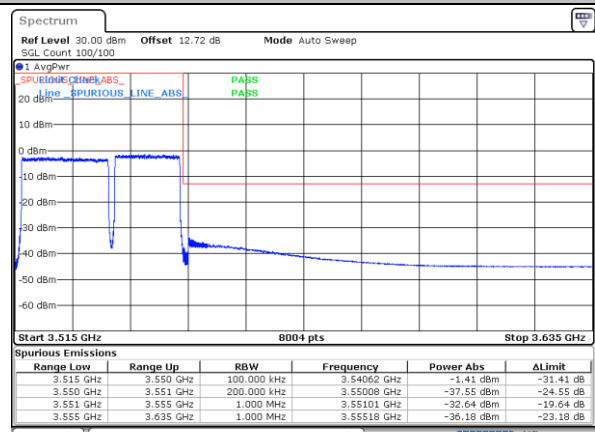
Date: 9.MAR.2022 06:07:46

Lowest Band Edge / Full RB

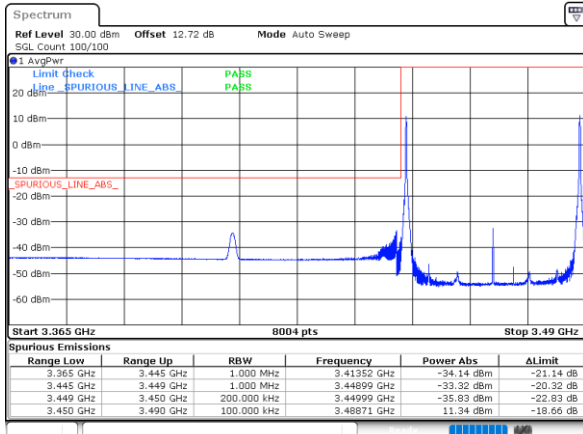
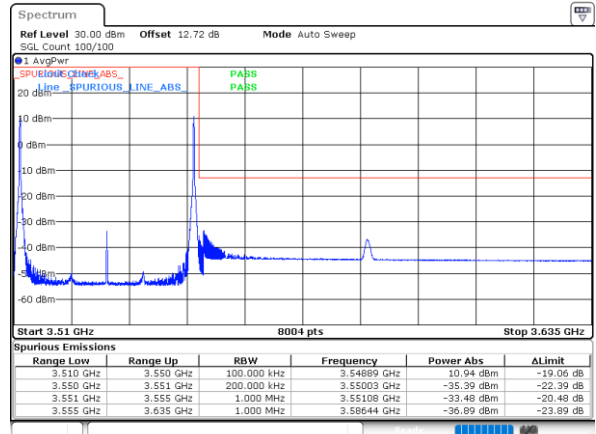
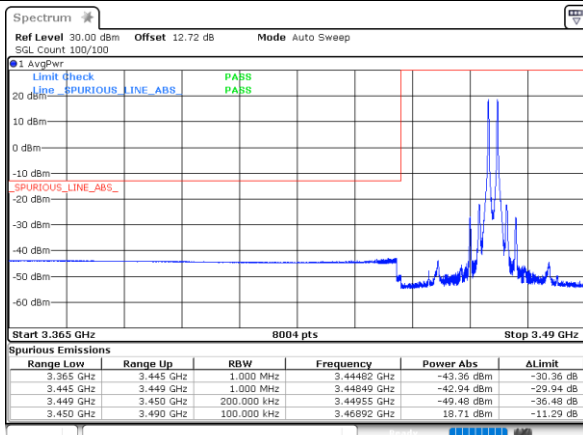
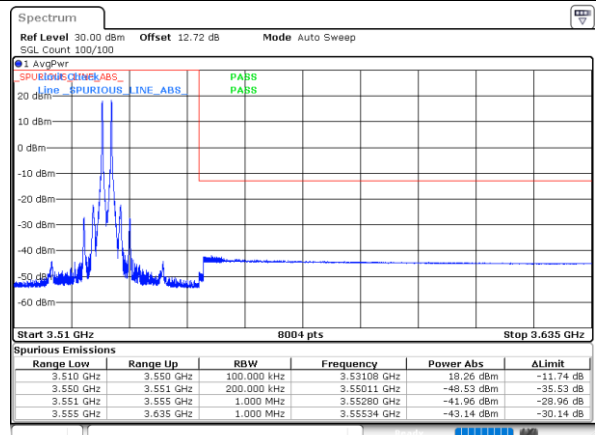
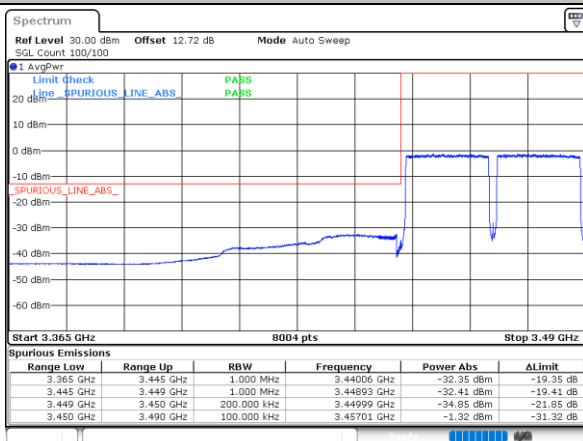
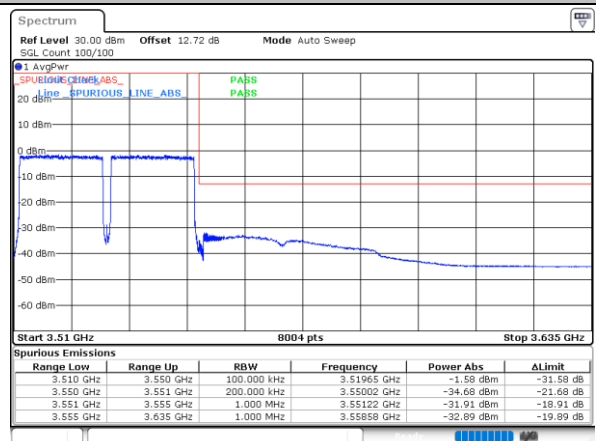


Date: 9.MAR.2022 05:27:24

Highest Band Edge / Full RB



Date: 9.MAR.2022 06:14:36

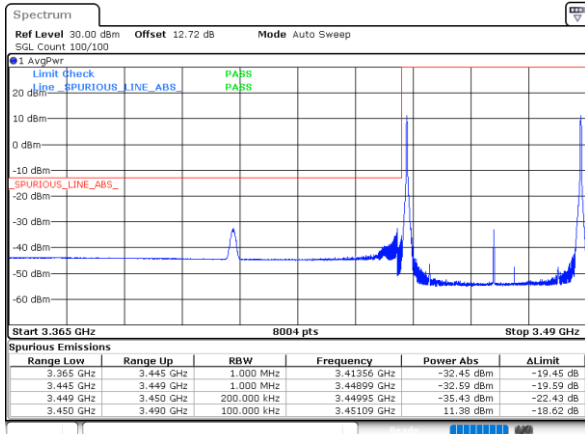
**LTE Band 42C / 20MHz+20MHz****QPSK****Lowest Band Edge / 1RB0 and 1RB99****Highest Band Edge / 1RB0 and 1RB99****Lowest Band Edge / 1RB99 and 1RB0****Highest Band Edge / 1RB99 and 1RB0****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



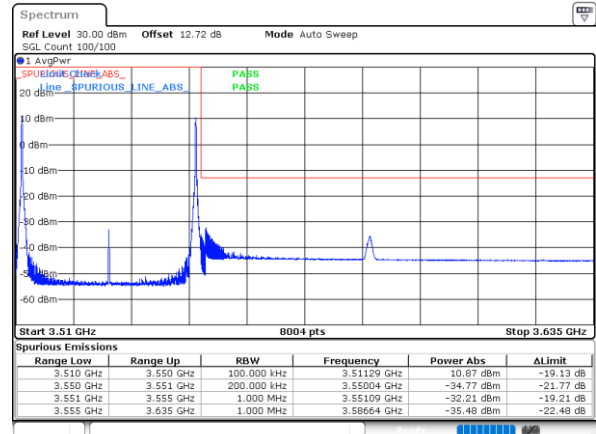
LTE Band 42C / 20MHz+20MHz

16QAM

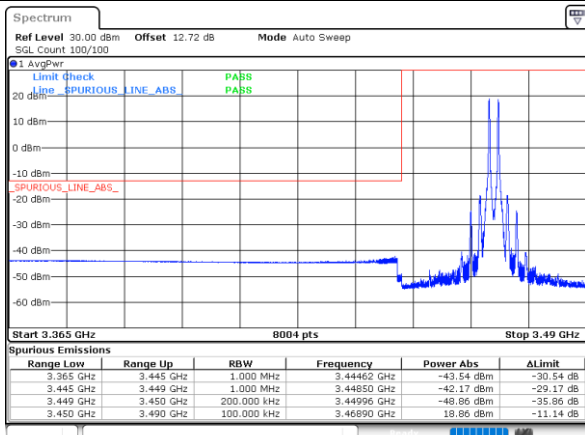
Lowest Band Edge / 1RB0 and 1RB99



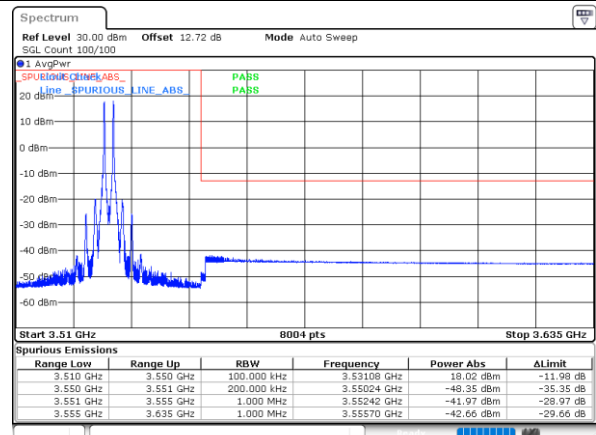
Highest Band Edge / 1RB0 and 1RB99



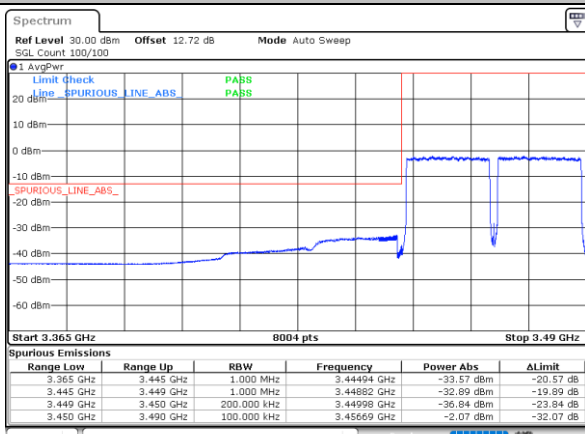
Lowest Band Edge / 1RB99 and 1RB0



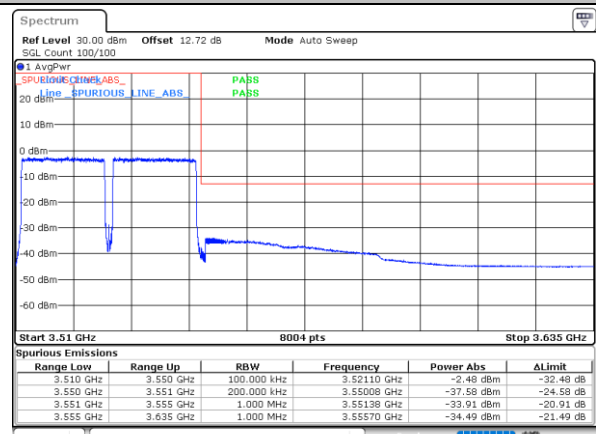
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

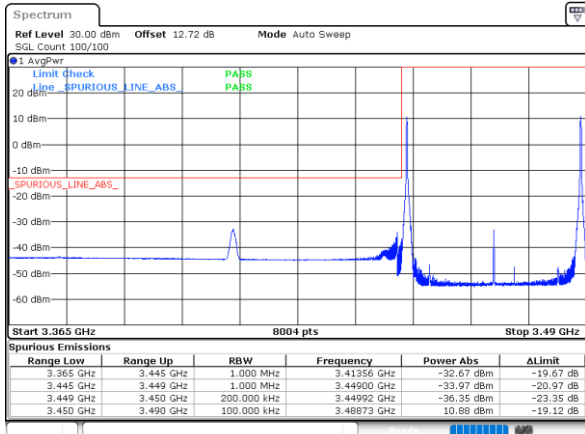




LTE Band 42C / 20MHz+20MHz

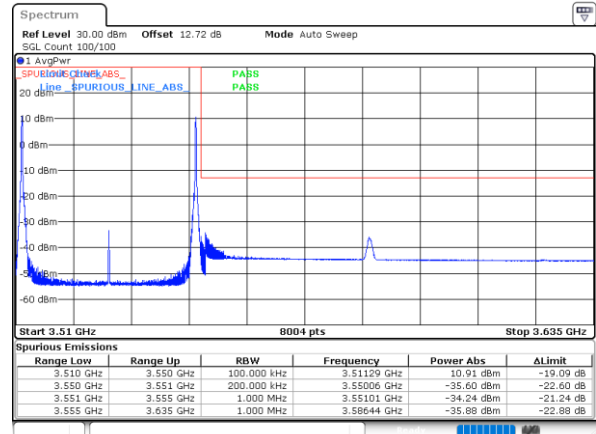
64QAM

Lowest Band Edge / 1RB0 and 1RB99



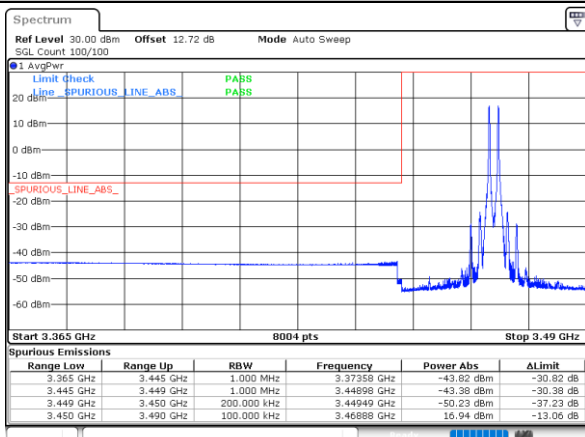
Date: 9.MAR.2022 06:21:09

Highest Band Edge / 1RB0 and 1RB99



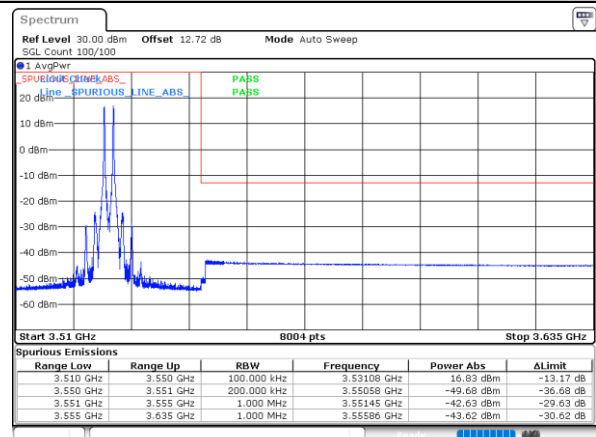
Date: 9.MAR.2022 06:44:08

Lowest Band Edge / 1RB99 and 1RB0



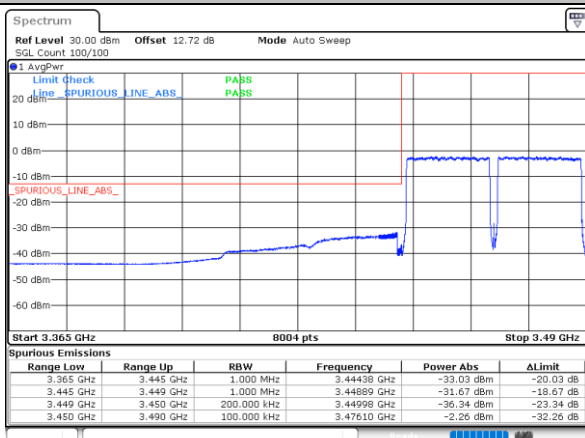
Date: 9.MAR.2022 06:19:09

Highest Band Edge / 1RB99 and 1RB0



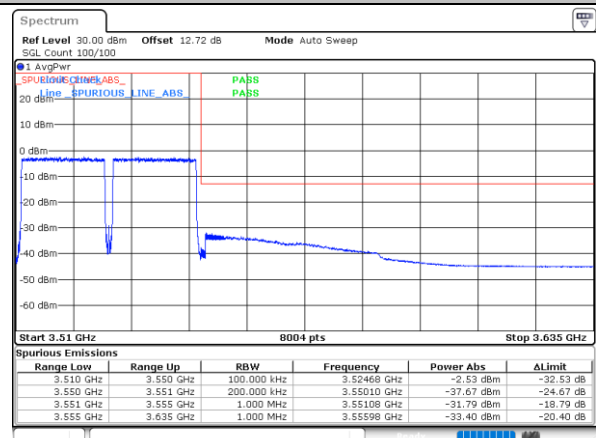
Date: 9.MAR.2022 06:43:12

Lowest Band Edge / Full RB



Date: 9.MAR.2022 06:27:44

Highest Band Edge / Full RB

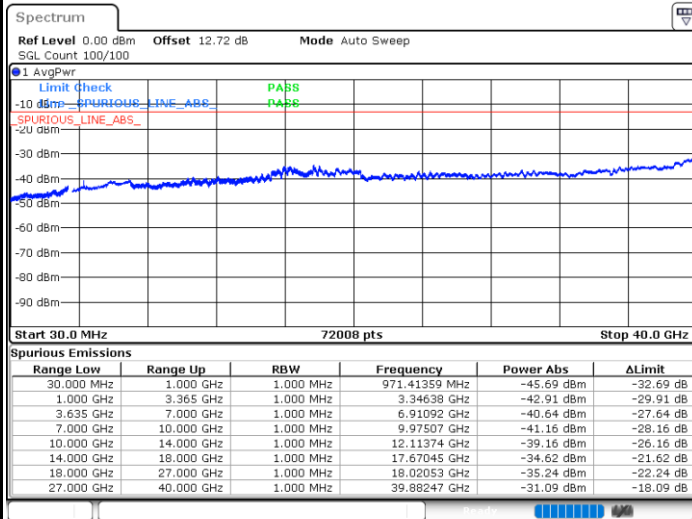


Date: 9.MAR.2022 06:50:08



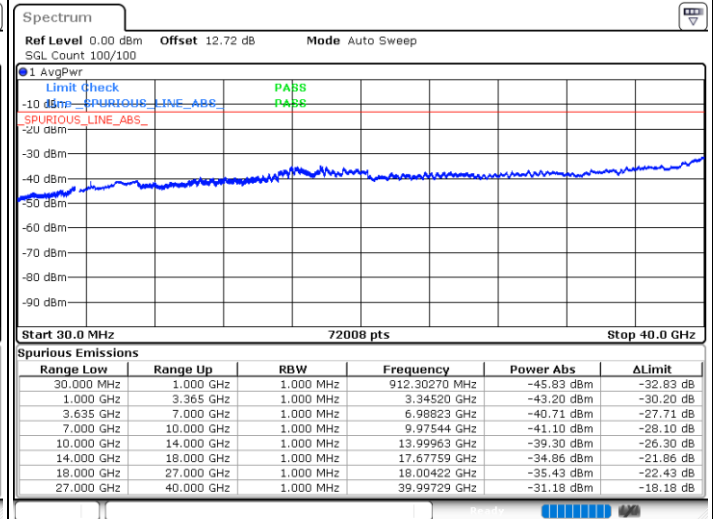
Conducted Spurious Emission

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



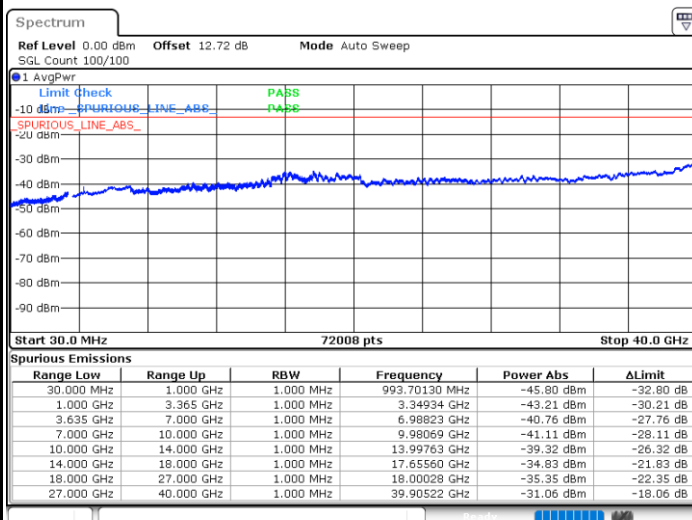
Date: 9.MAR.2022 02:09:36

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



Date: 9.MAR.2022 02:12:03

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

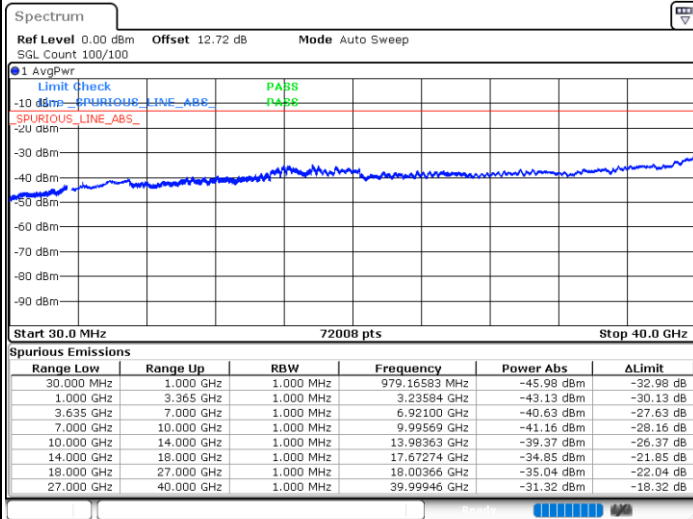


Date: 9.MAR.2022 02:15:05

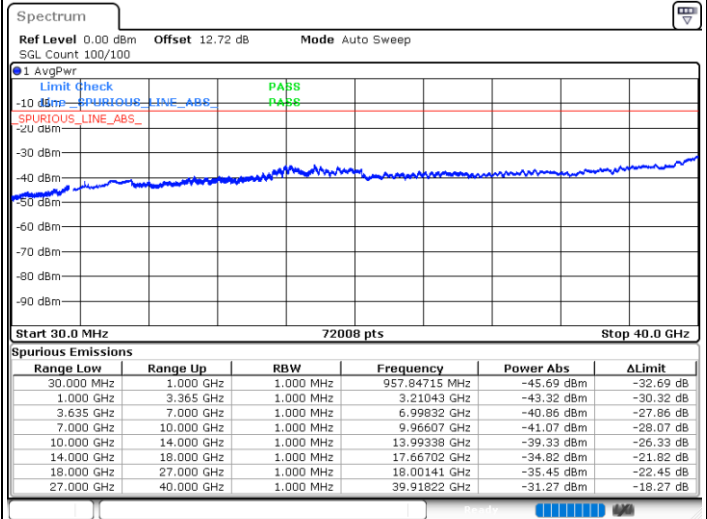


LTE Band 42C / 10MHz+20MHz QPSK Lowest
Channel / 1RB49 and 1RB0

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

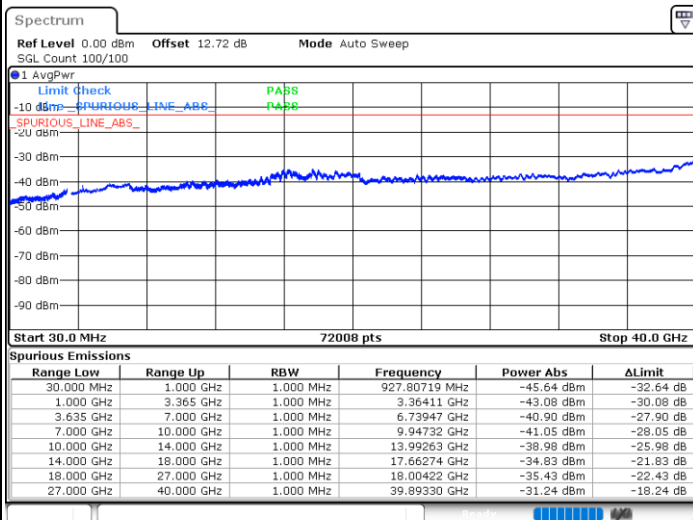


Date: 9.MAR.2022 03:19:16



Date: 9.MAR.2022 03:40:53

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

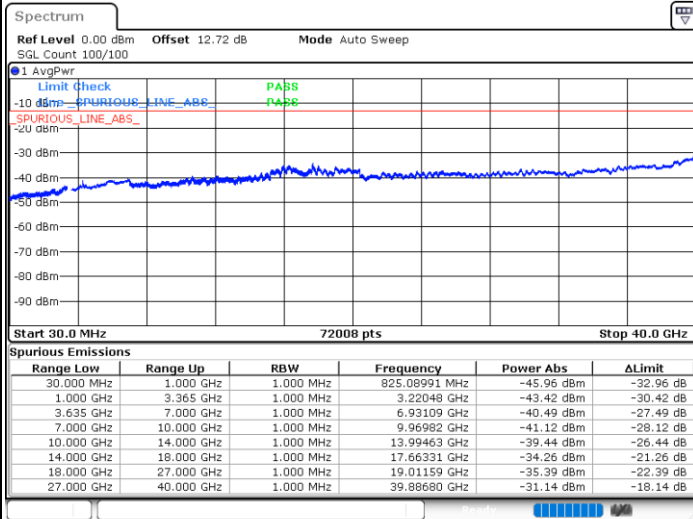


Date: 9.MAR.2022 03:42:26

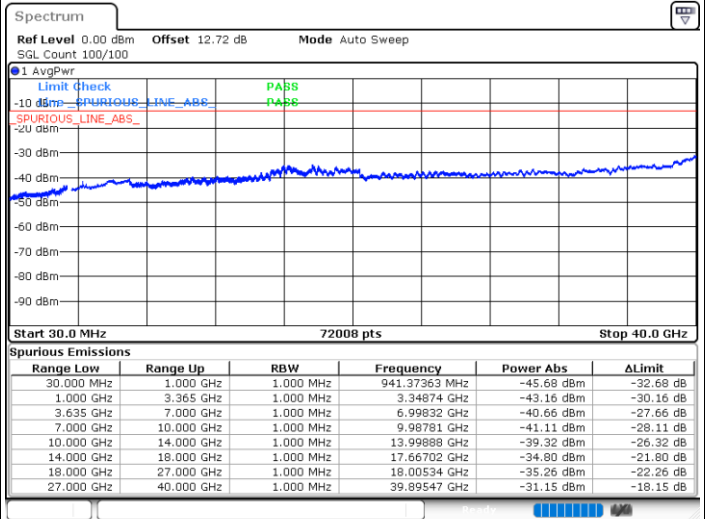


LTE Band 42C / 15MHz+20MHz QPSK Lowest
Channel / 1RB74 and 1RB0

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

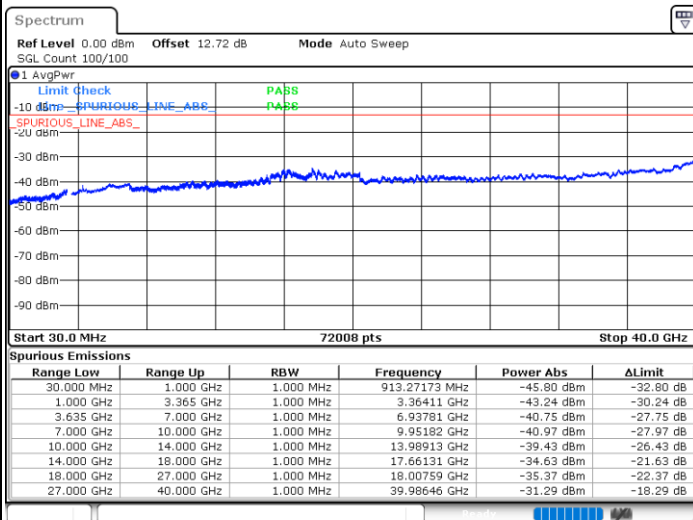


Date: 9.MAR.2022 04:51:38



Date: 9.MAR.2022 04:53:09

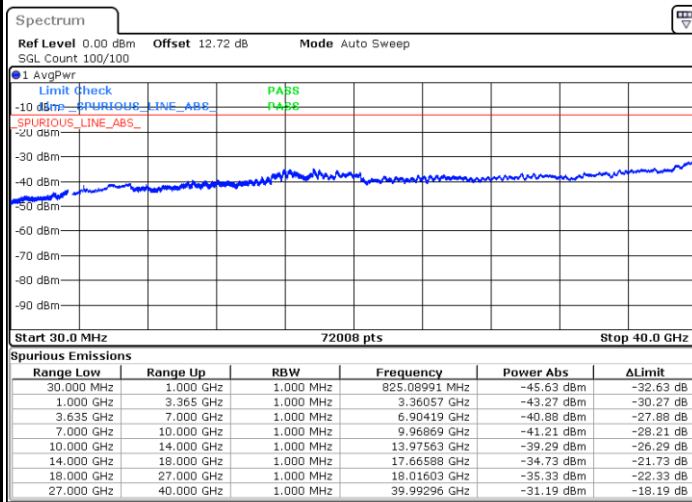
LTE Band 42C / 15MHz+20MHz QPSK Highest
Channel / 1RB74 and 1RB0



Date: 9.MAR.2022 04:56:50

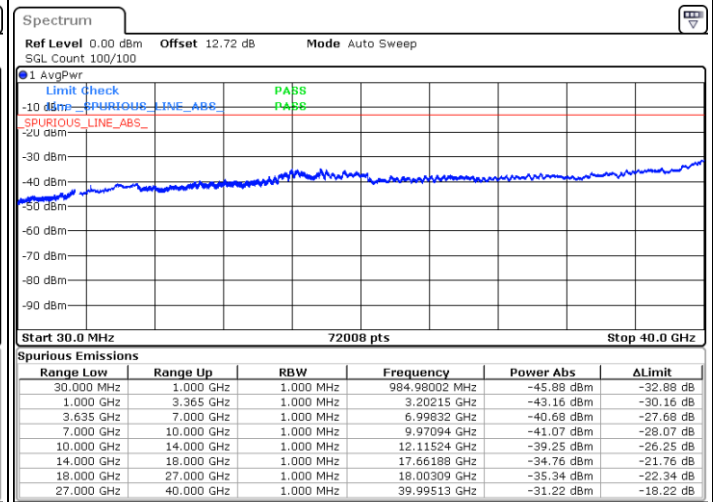


LTE Band 42C / 20MHz+5MHz QPSK Lowest
Channel / 1RB99 and 1RB0



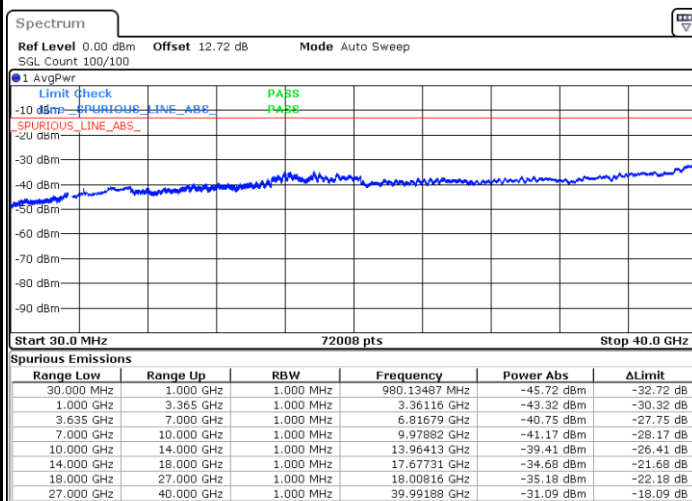
Date: 9.MAR.2022 03:08:54

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

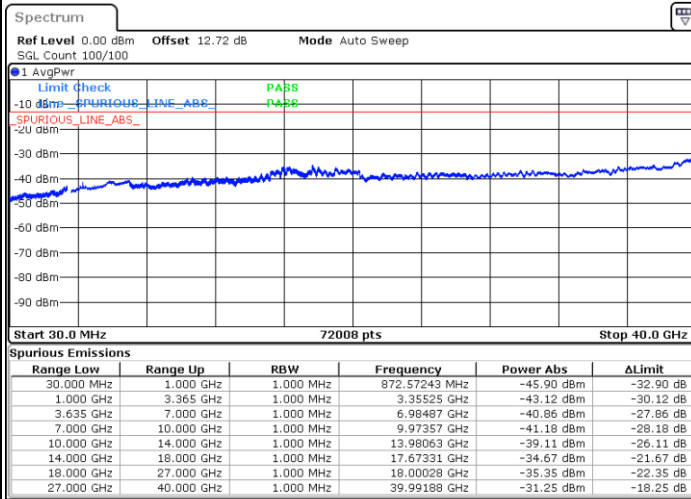


Date: 9.MAR.2022 03:10:42

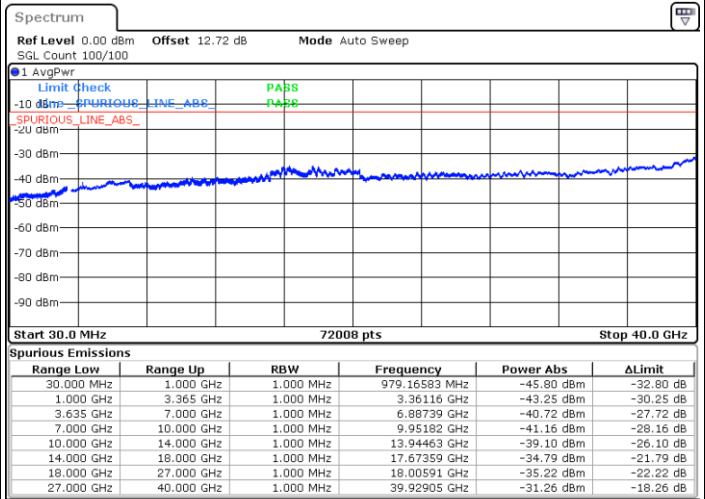
LTE Band 42C / 20MHz+5MHz QPSK Highest
Channel / 1RB99 and 1RB0



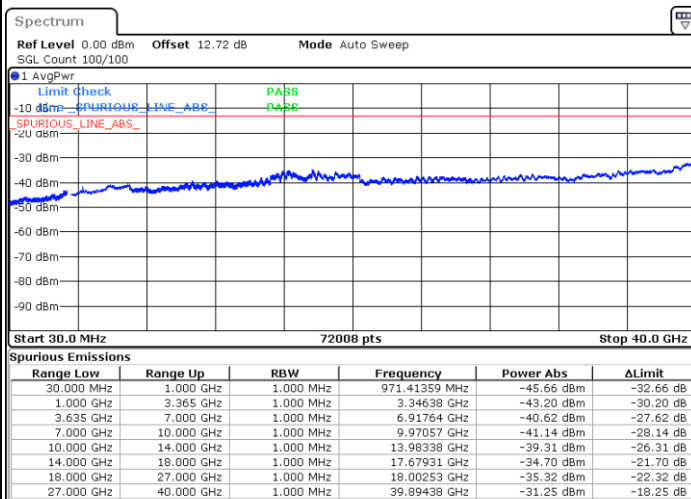
Date: 9.MAR.2022 03:12:38

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

Date: 9.MAR.2022 04:08:57



Date: 9.MAR.2022 04:10:42

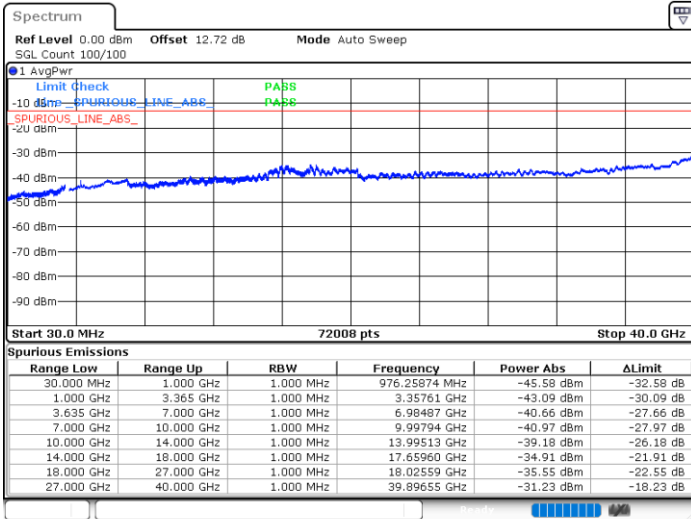
**LTE Band 42C / 20MHz+10MHz QPSK Highest
Channel / 1RB99 and 1RB0**

Date: 9.MAR.2022 04:12:18

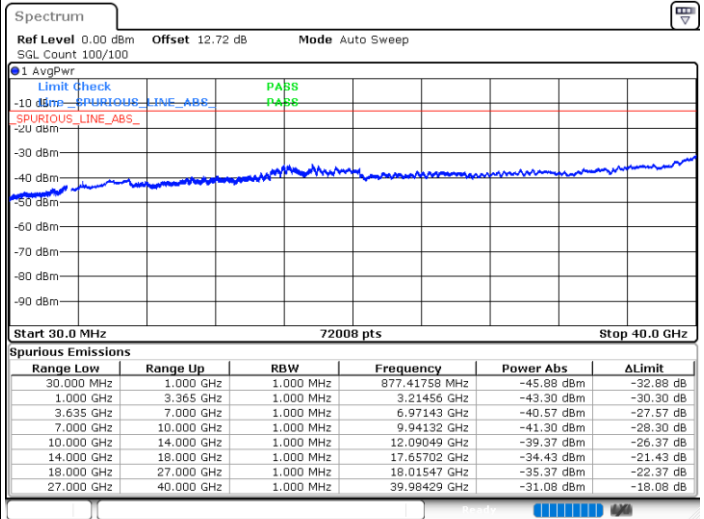


LTE Band 42C / 20MHz+15MHz QPSK Lowest
Channel / 1RB99 and 1RB0

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

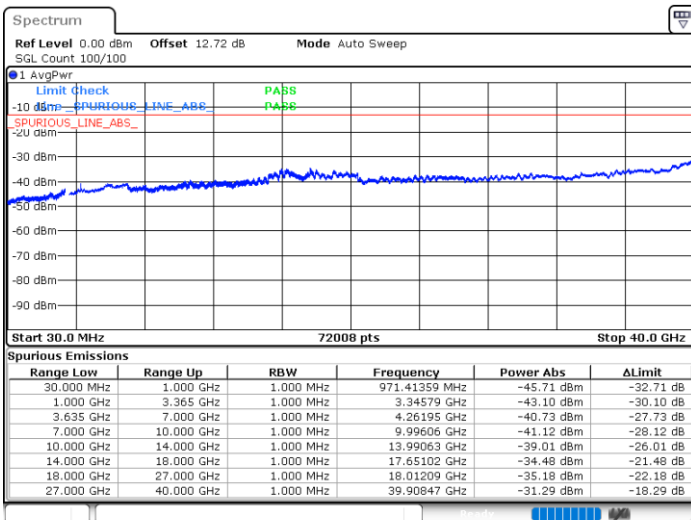


Date: 9.MAR.2022 05:29:04



Date: 9.MAR.2022 06:01:05

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

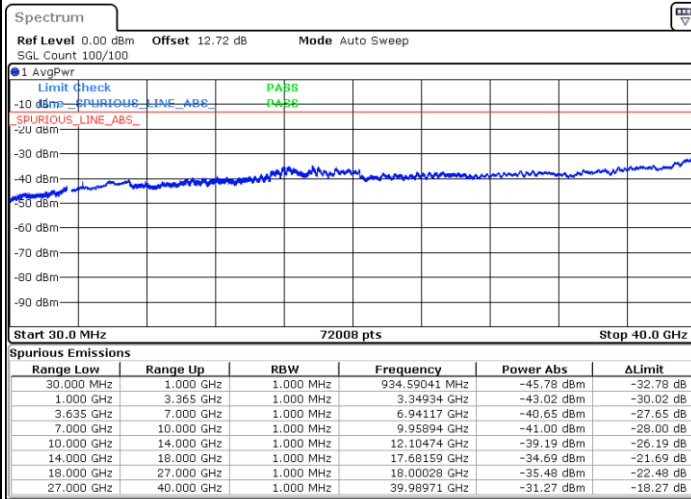


Date: 9.MAR.2022 06:06:52

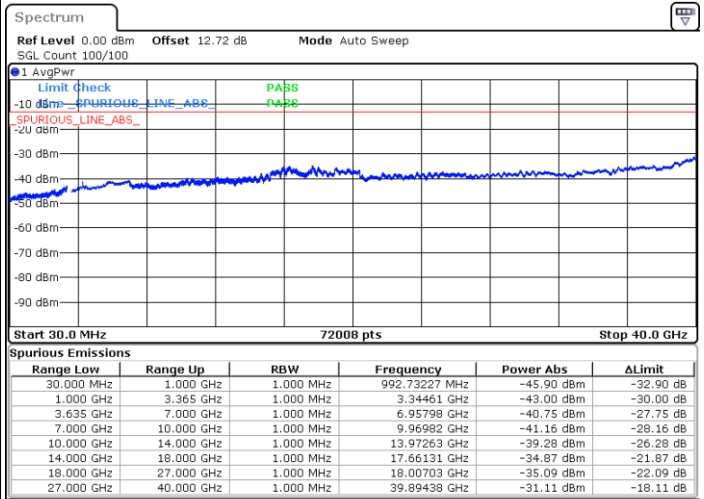


LTE Band 42C / 20MHz+20MHz QPSK Lowest
Channel / 1RB99 and 1RB0

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

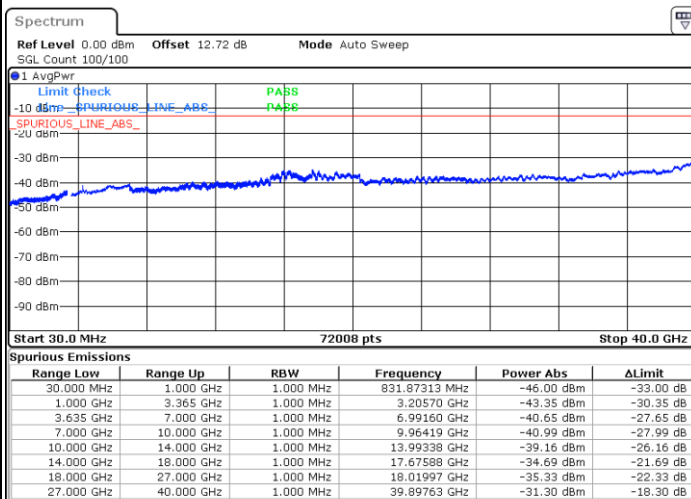


Date: 9.MAR.2022 06:29:21



Date: 9.MAR.2022 06:30:55

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



Date: 9.MAR.2022 06:39:55

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	0.0023	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 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								
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	-54.79	-13	-41.79	-65.00	3.03	13.24	H
	10476	-56.77	-13	-43.77	-66.22	3.56	13.01	H
	13968	-60.04	-13	-47.04	-69.56	3.92	13.44	H
	6984	-54.93	-13	-41.93	-65.14	3.03	13.24	V
	10476	-58.63	-13	-45.63	-68.08	3.56	13.01	V
	13968	-60.42	-13	-47.42	-69.94	3.92	13.44	V

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

LTE Band 42C CA / 20MHz+20MHz / QPSK								
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	-54.17	-13	-41.17	-64.38	3.03	13.24	H
	10440	-49.14	-13	-36.14	-58.59	3.56	13.01	H
	13920	-59.92	-13	-46.92	-69.44	3.92	13.44	H
	6960	-58.16	-13	-45.16	-68.37	3.03	13.24	V
	10440	-47.01	-13	-34.01	-56.46	3.56	13.01	V
	13920	-57.57	-13	-44.57	-67.09	3.92	13.44	V

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