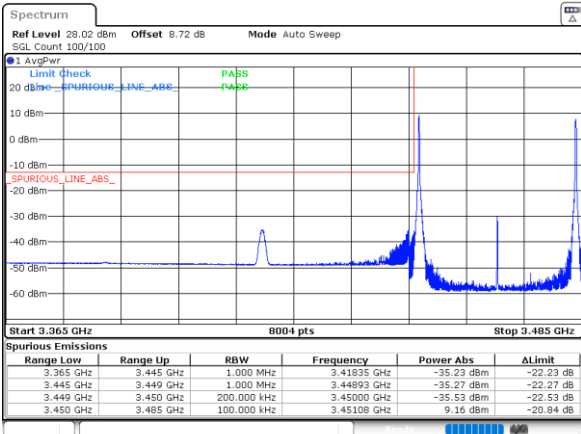




LTE Band 42C / 20MHz+15MHz

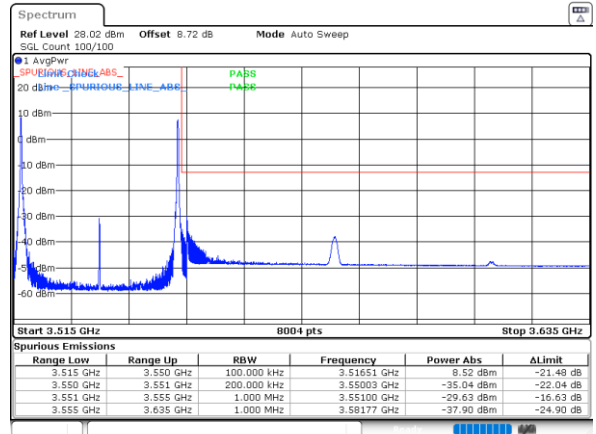
16QAM

Lowest Band Edge / 1RB0 and 1RB74



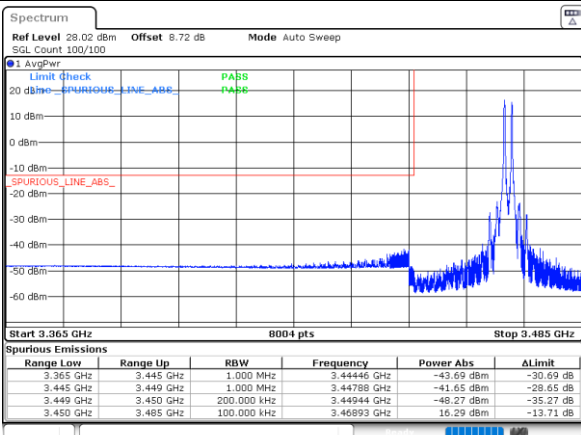
Date: 1.FEB.2022 17:57:48

Highest Band Edge / 1RB0 and 1RB74



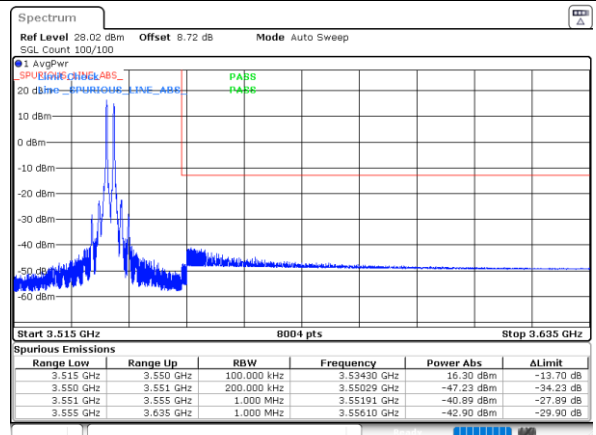
Date: 1.FEB.2022 18:09:36

Lowest Band Edge / 1RB99 and 1RB0



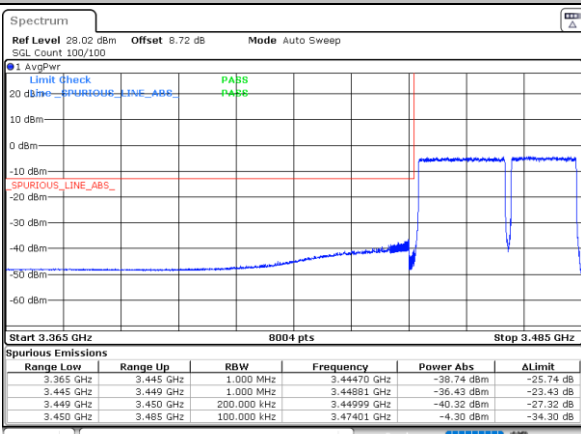
Date: 1.FEB.2022 17:55:02

Highest Band Edge / 1RB99 and 1RB0



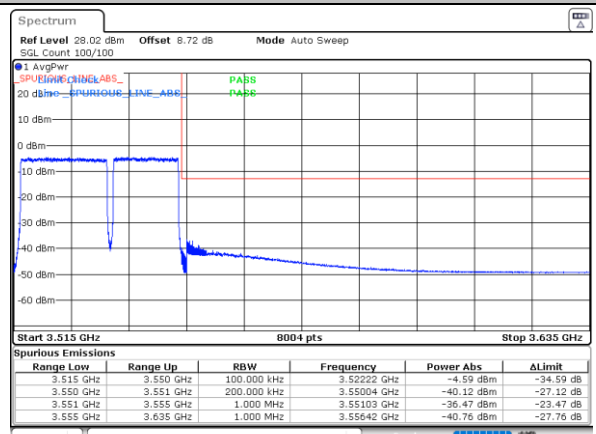
Date: 2.FEB.2022 08:24:03

Lowest Band Edge / Full RB



Date: 1.FEB.2022 18:00:33

Highest Band Edge / Full RB



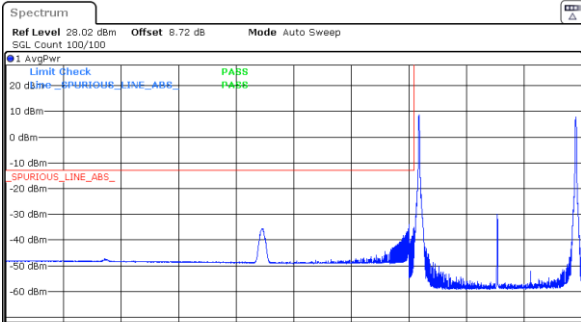
Date: 1.FEB.2022 18:12:26



LTE Band 42C / 20MHz+15MHz

64QAM

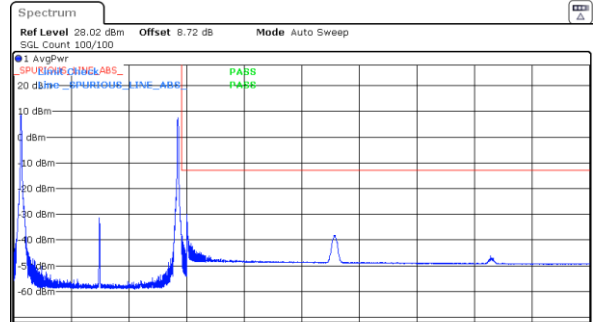
Lowest Band Edge / 1RB0 and 1RB74



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.365 GHz	3.445 GHz	1.000 MHz	3.41839 GHz	-35.49 dBm	-22.49 dB
3.445 GHz	3.449 GHz	1.000 MHz	3.44899 GHz	-33.93 dBm	-20.93 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44999 GHz	-35.08 dBm	-22.08 dB
3.450 GHz	3.485 GHz	100.000 kHz	3.45109 GHz	8.63 dBm	-21.37 dB

Date: 1.FEB.2022 17:56:53

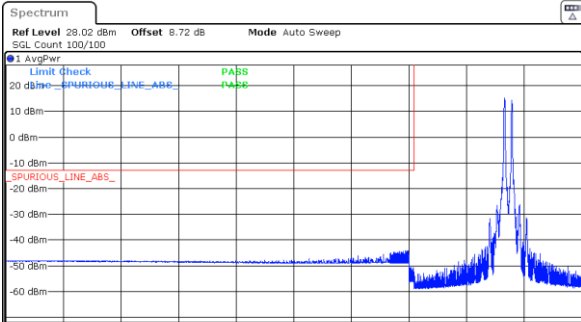
Highest Band Edge / 1RB0 and 1RB74



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.515 GHz	3.550 GHz	100.000 kHz	3.51650 GHz	8.58 dBm	-21.42 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55001 GHz	-38.01 dBm	-25.01 dB
3.551 GHz	3.555 GHz	1.000 MHz	3.55100 GHz	-29.97 dBm	-16.97 dB
3.555 GHz	3.635 GHz	1.000 MHz	3.56197 GHz	-38.24 dBm	-25.24 dB

Date: 1.FEB.2022 18:08:23

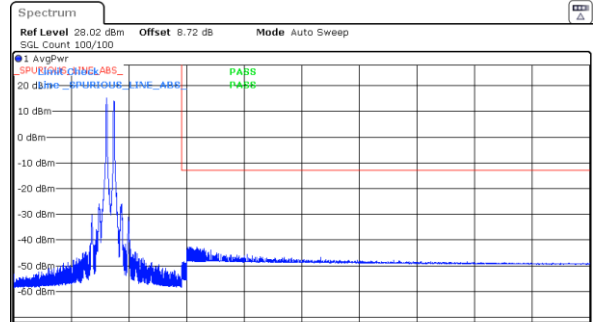
Lowest Band Edge / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.365 GHz	3.445 GHz	1.000 MHz	3.44362 GHz	-45.55 dBm	-32.55 dB
3.445 GHz	3.449 GHz	1.000 MHz	3.44860 GHz	-44.09 dBm	-31.09 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44912 GHz	-50.60 dBm	-37.60 dB
3.450 GHz	3.485 GHz	100.000 kHz	3.46890 GHz	15.30 dBm	-14.70 dB

Date: 1.FEB.2022 17:55:57

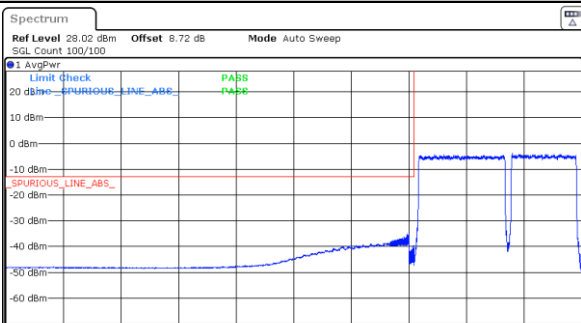
Highest Band Edge / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.515 GHz	3.550 GHz	100.000 kHz	3.53430 GHz	15.18 dBm	-14.82 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55042 GHz	-48.34 dBm	-35.34 dB
3.551 GHz	3.555 GHz	1.000 MHz	3.55319 GHz	-42.67 dBm	-29.67 dB
3.555 GHz	3.635 GHz	1.000 MHz	3.56002 GHz	-43.73 dBm	-30.73 dB

Date: 1.FEB.2022 18:07:28

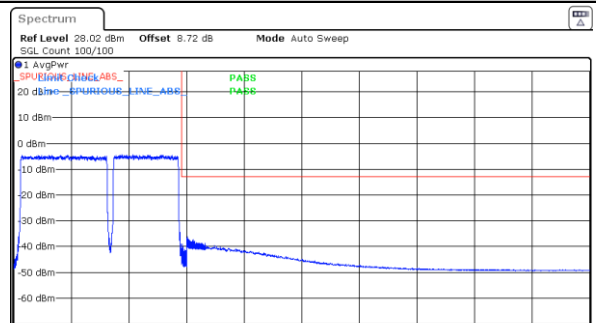
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.365 GHz	3.445 GHz	1.000 MHz	3.44394 GHz	-38.66 dBm	-25.66 dB
3.445 GHz	3.449 GHz	1.000 MHz	3.44900 GHz	-34.97 dBm	-21.97 dB
3.449 GHz	3.450 GHz	200.000 kHz	3.44999 GHz	-39.64 dBm	-26.64 dB
3.450 GHz	3.485 GHz	100.000 kHz	3.47053 GHz	-3.91 dBm	-33.91 dB

Date: 1.FEB.2022 18:01:25

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.515 GHz	3.550 GHz	100.000 kHz	3.53749 GHz	-4.29 dBm	-24.29 dB
3.550 GHz	3.551 GHz	200.000 kHz	3.55011 GHz	-38.98 dBm	-25.98 dB
3.551 GHz	3.555 GHz	1.000 MHz	3.55113 GHz	-36.11 dBm	-23.11 dB
3.555 GHz	3.635 GHz	1.000 MHz	3.56678 GHz	-39.72 dBm	-26.72 dB

Date: 1.FEB.2022 18:13:19

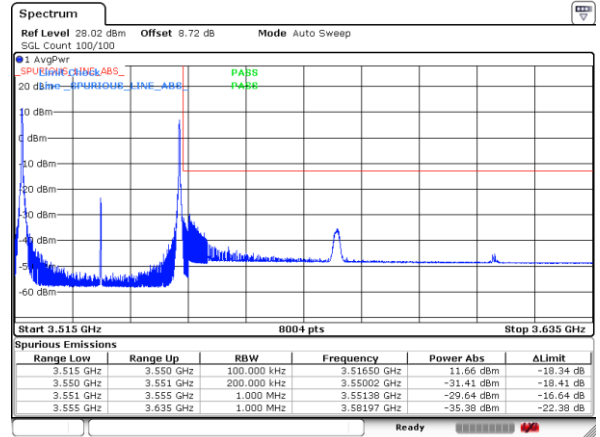
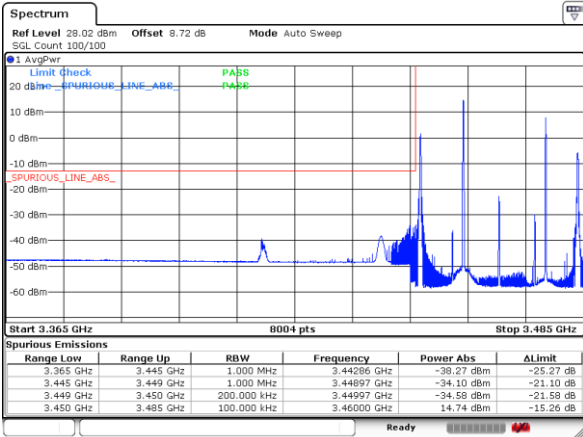


LTE Band 42C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

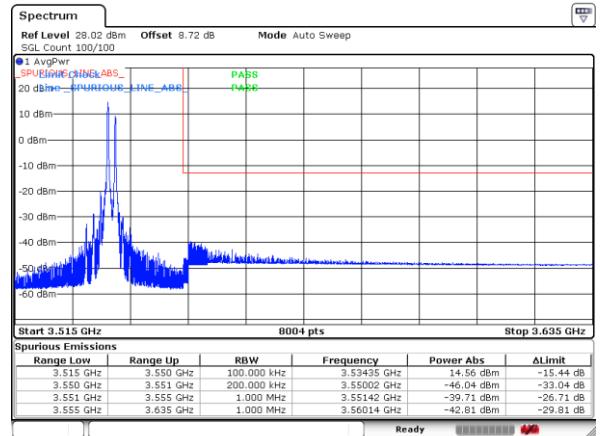
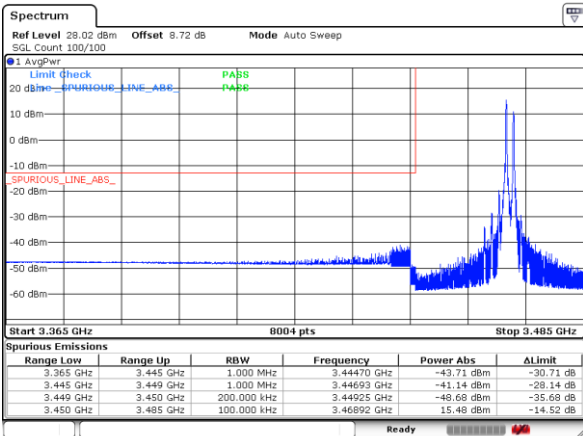


Date: 21.MAR.2022 02:01:49

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

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

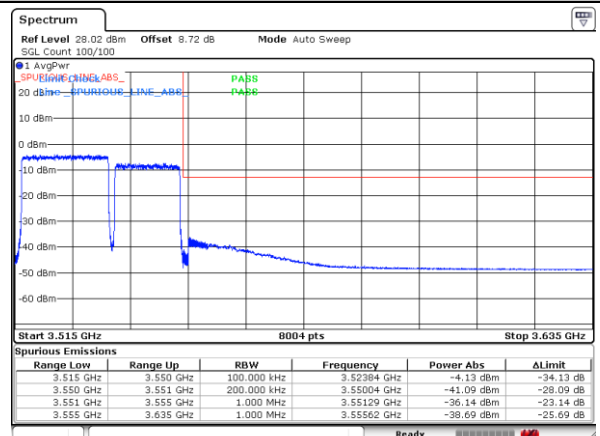
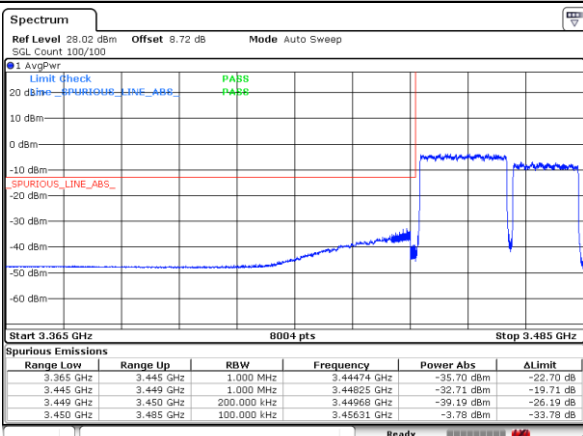


Date: 21.MAR.2022 02:09:00

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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



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

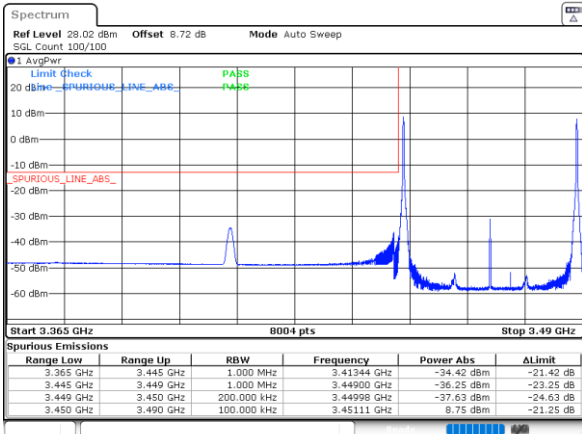
Date: 21.MAR.2022 02:13:33



LTE Band 42C / 20MHz+20MHz

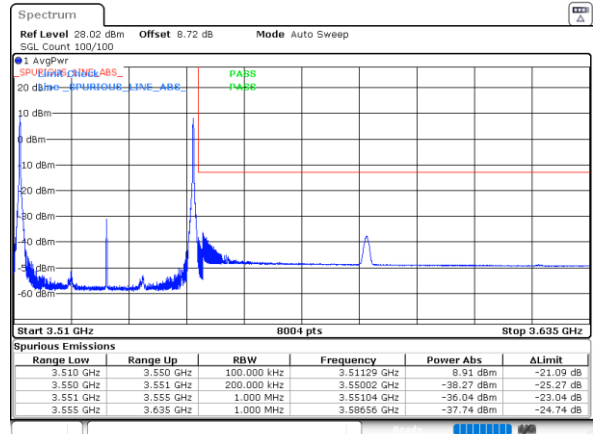
QPSK

Lowest Band Edge / 1RB0 and 1RB9



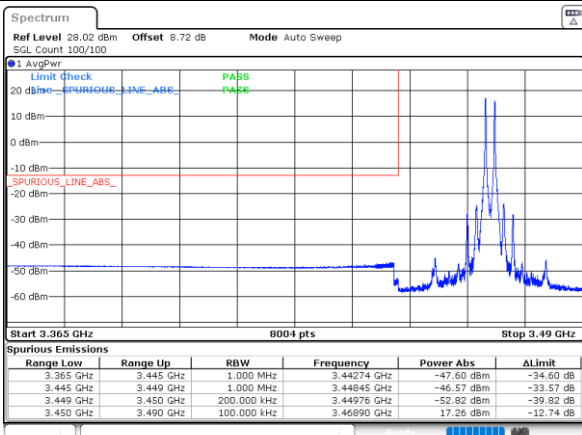
Date: 2.FEB.2022 08:10:54

Highest Band Edge / 1RB0 and 1RB9



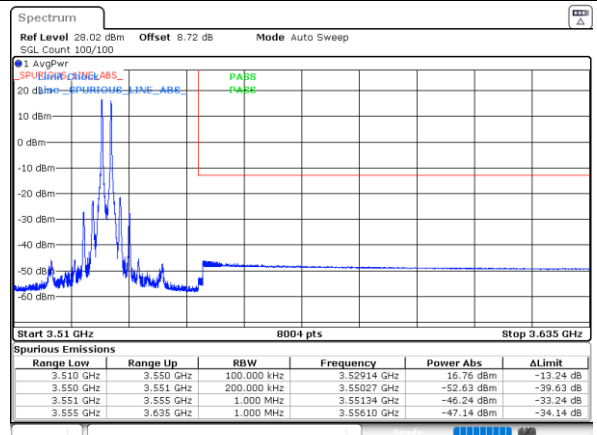
Date: 2.FEB.2022 09:10:09

Lowest Band Edge / 1RB9 and 1RB0



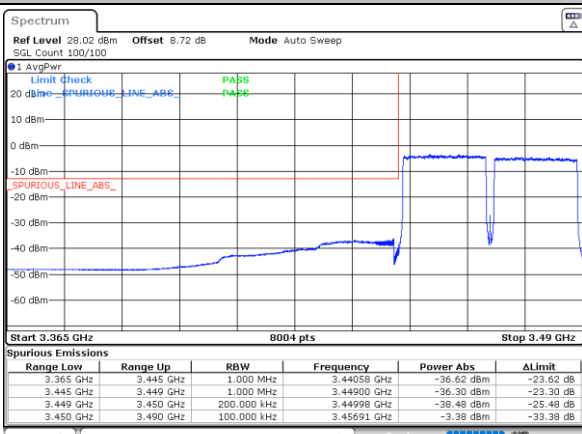
Date: 1.FEB.2022 18:16:24

Highest Band Edge / 1RB9 and 1RB0



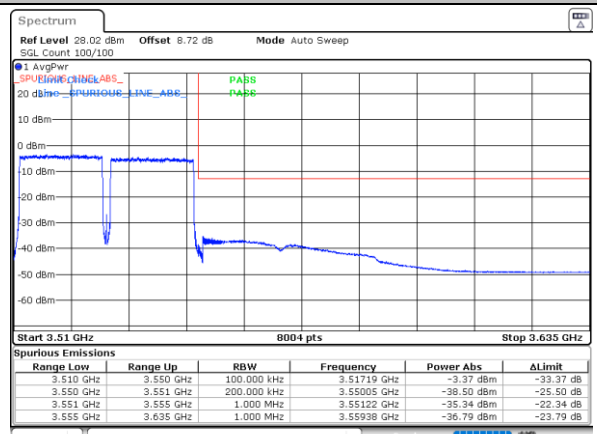
Date: 2.FEB.2022 09:10:40

Lowest Band Edge / Full RB



Date: 2.FEB.2022 08:40:36

Highest Band Edge / Full RB



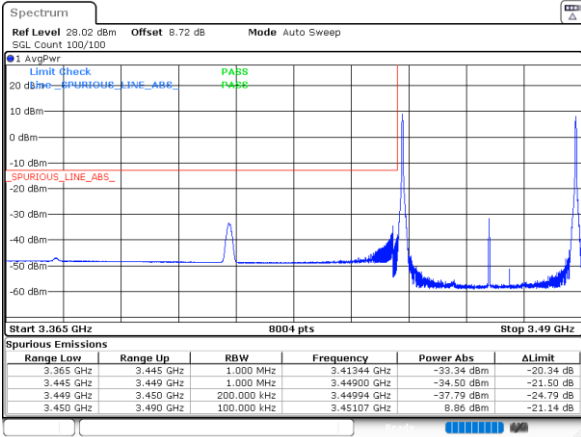
Date: 2.FEB.2022 09:16:39



LTE Band 42C / 20MHz+20MHz

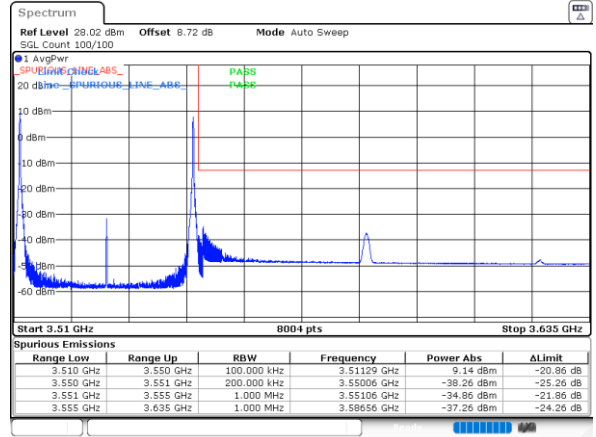
16QAM

Lowest Band Edge / 1RB0 and 1RB9



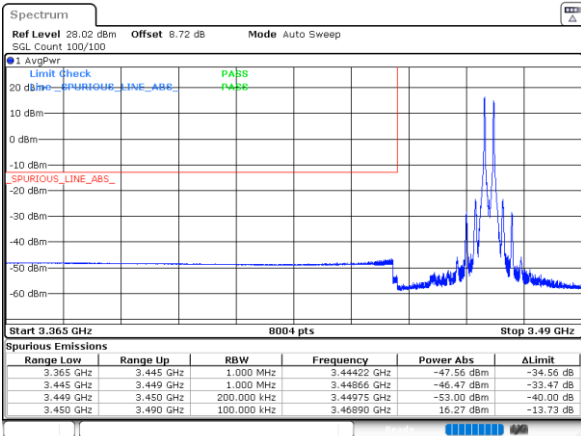
Date: 2.FEB.2022 08:32:35

Highest Band Edge / 1RB0 and 1RB9



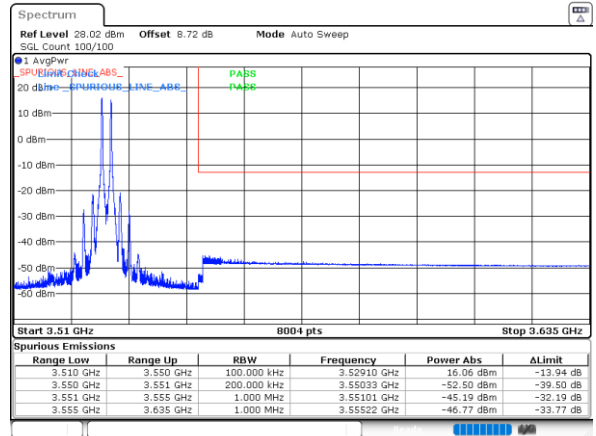
Date: 2.FEB.2022 09:08:51

Lowest Band Edge / 1RB99 and 1RB0



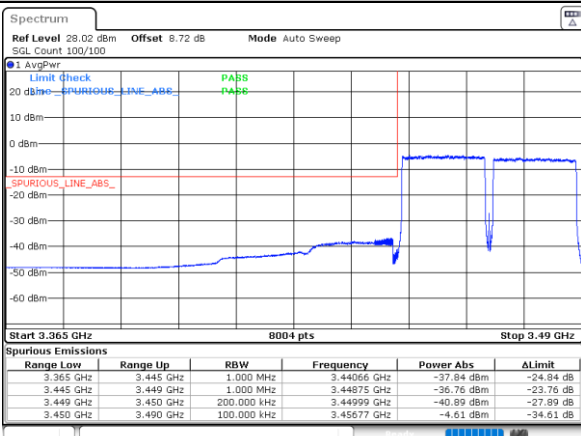
Date: 1.FEB.2022 18:17:46

Highest Band Edge / 1RB99 and 1RB0



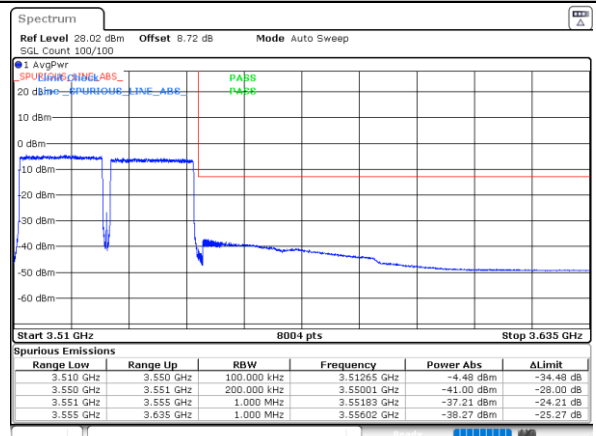
Date: 2.FEB.2022 09:02:37

Lowest Band Edge / Full RB



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

Highest Band Edge / Full RB



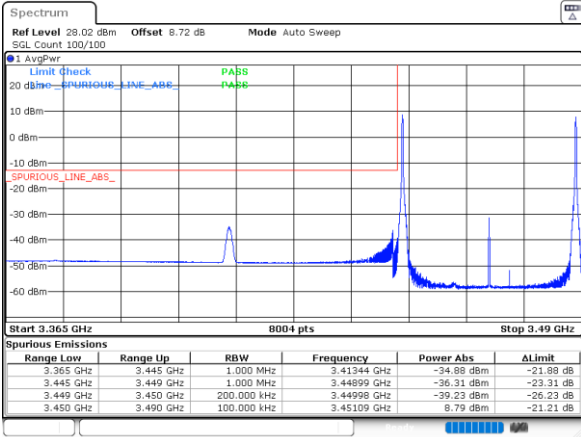
Date: 2.FEB.2022 09:18:19



LTE Band 42C / 20MHz+20MHz

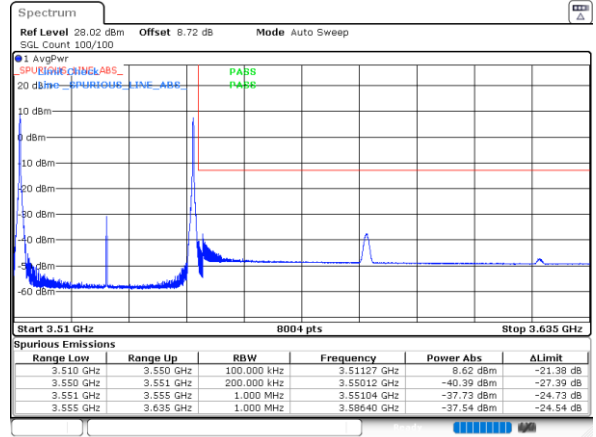
64QAM

Lowest Band Edge / 1RB0 and 1RB9



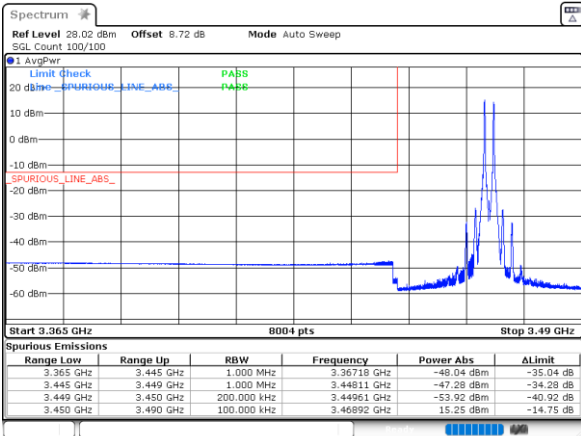
Date: 2.FEB.2022 08:13:10

Highest Band Edge / 1RB0 and 1RB9



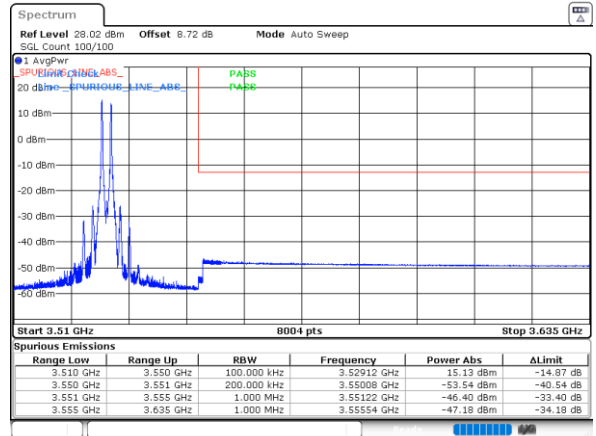
Date: 2.FEB.2022 09:07:56

Lowest Band Edge / 1RB99 and 1RB0



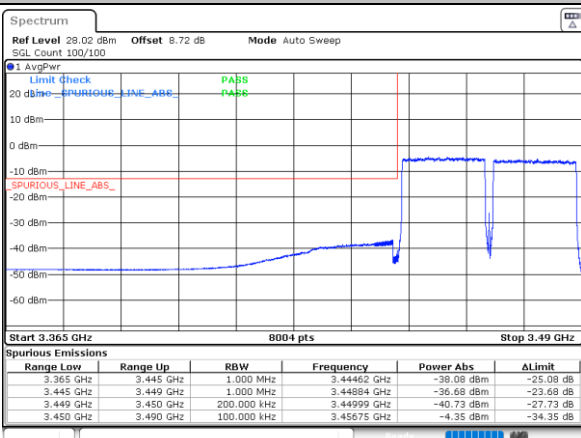
Date: 1.FEB.2022 18:20:18

Highest Band Edge / 1RB99 and 1RB0



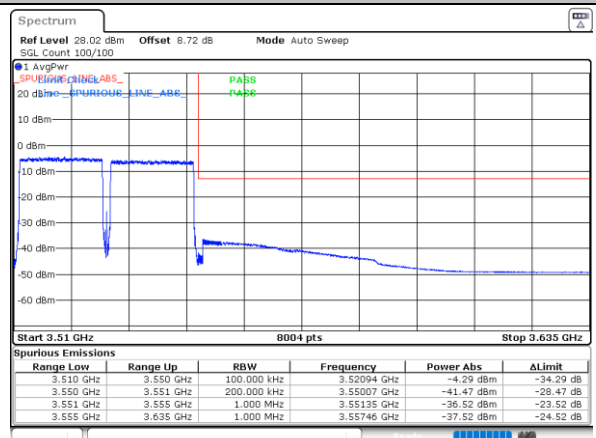
Date: 2.FEB.2022 09:06:34

Lowest Band Edge / Full RB



Date: 2.FEB.2022 08:13:53

Highest Band Edge / Full RB



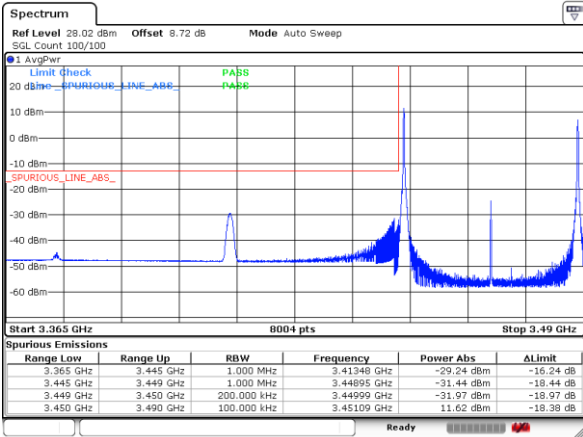
Date: 2.FEB.2022 09:19:14



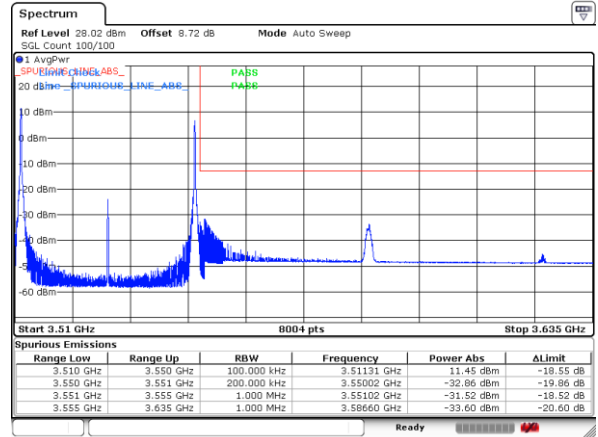
LTE Band 42C / 20MHz+20MHz

256QAM

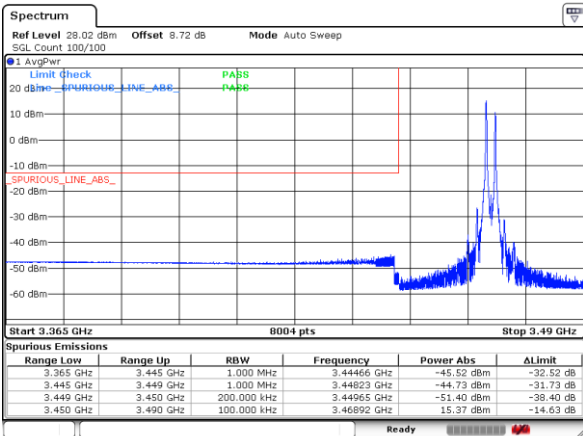
Lowest Band Edge / 1RB0 and 1RB9



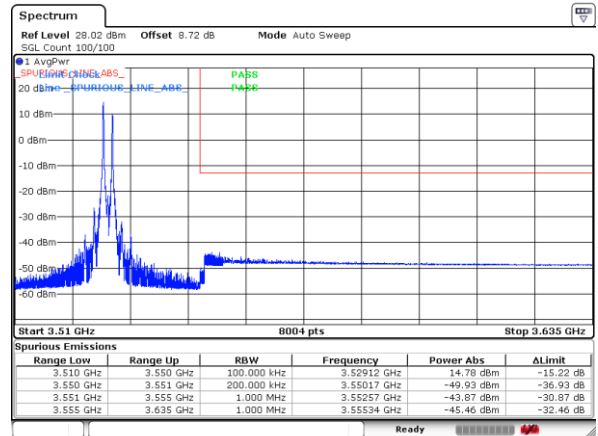
Highest Band Edge / 1RB0 and 1RB9



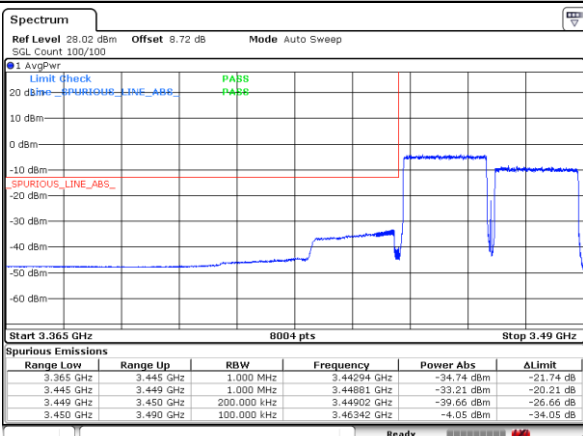
Lowest Band Edge / 1RB99 and 1RB0



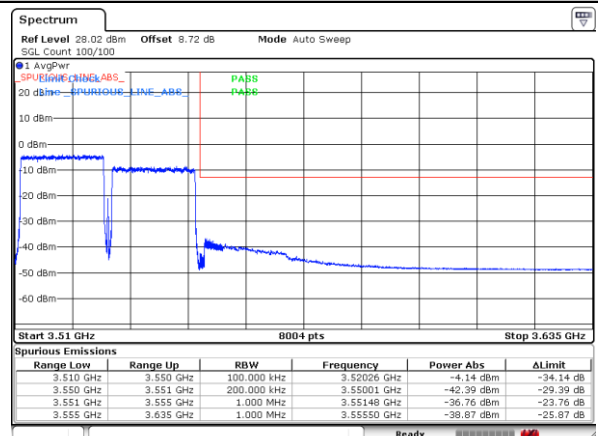
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB

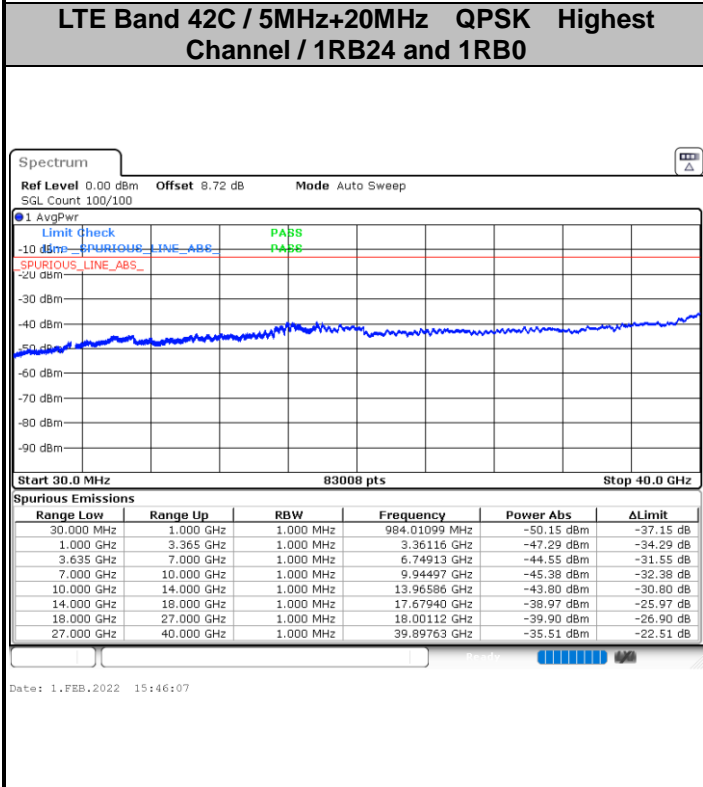
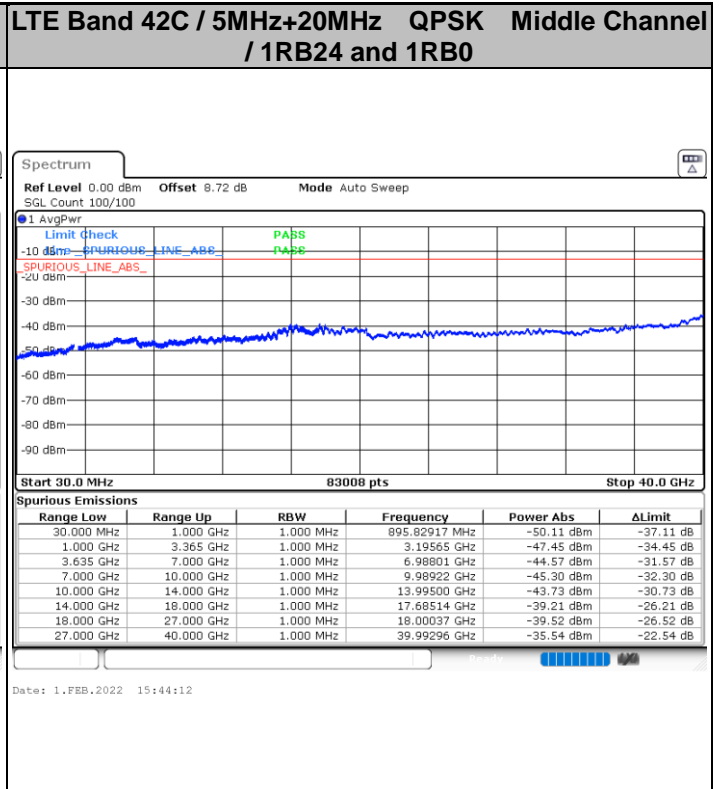
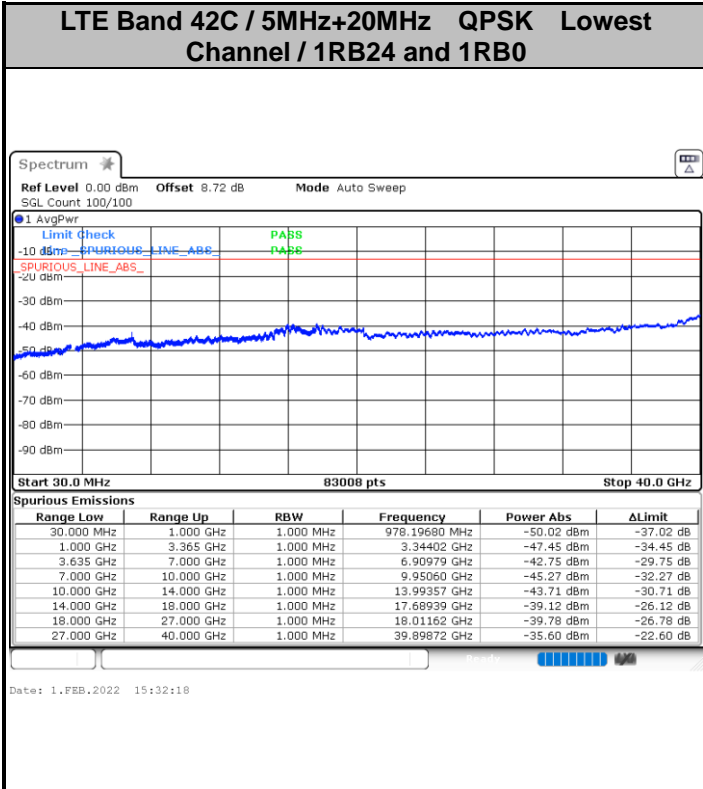


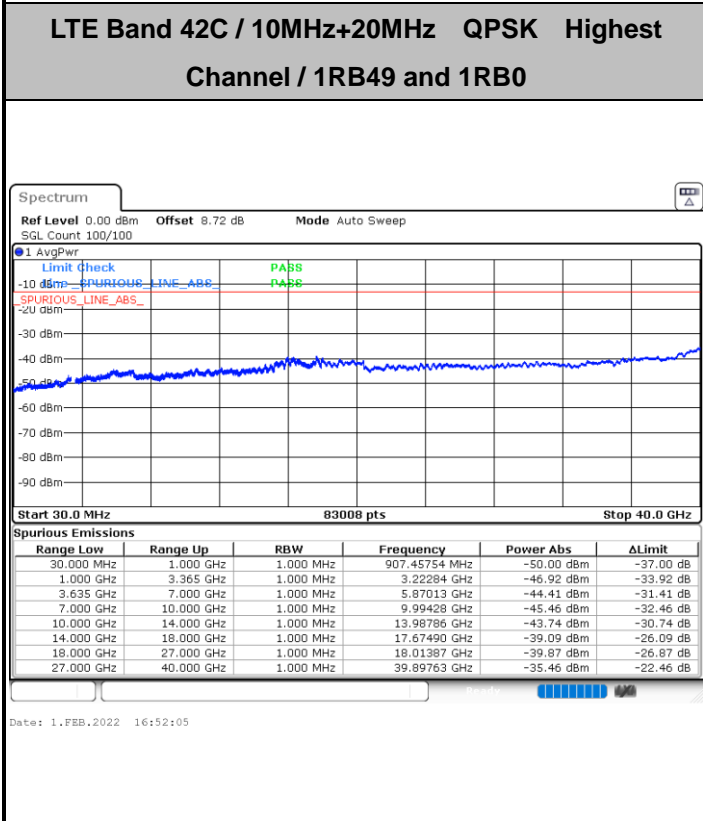
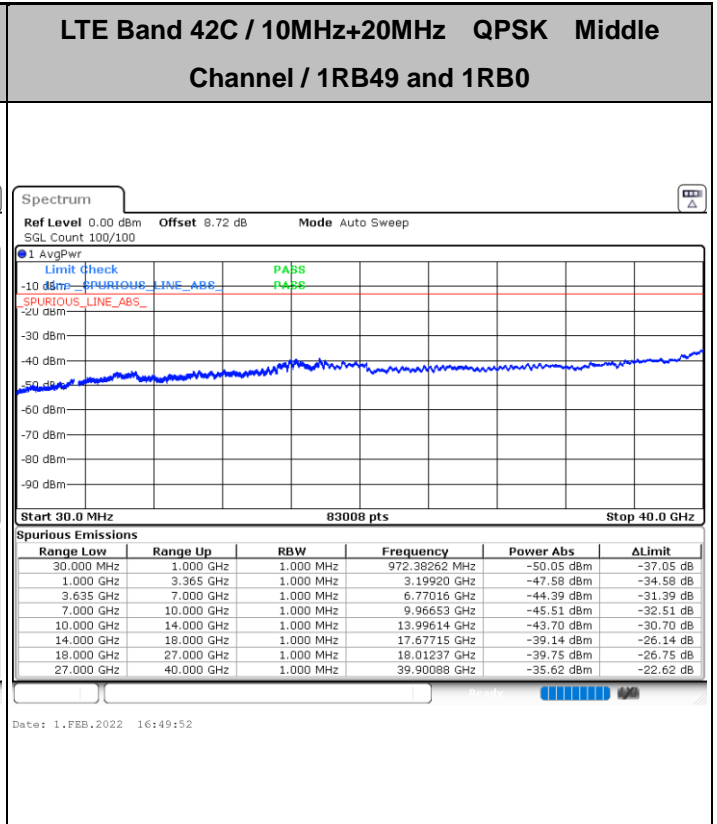
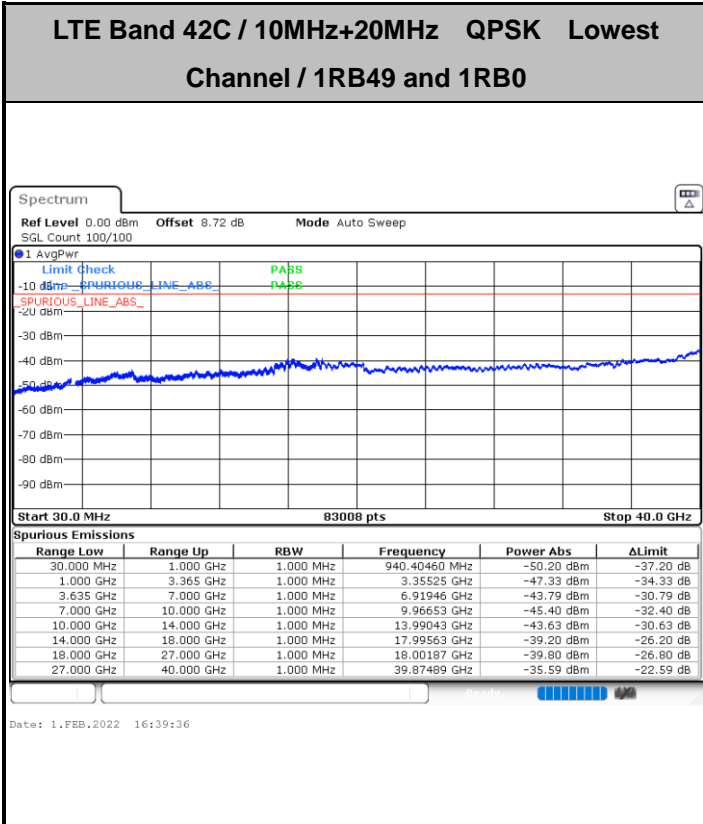
Highest Band Edge / Full RB

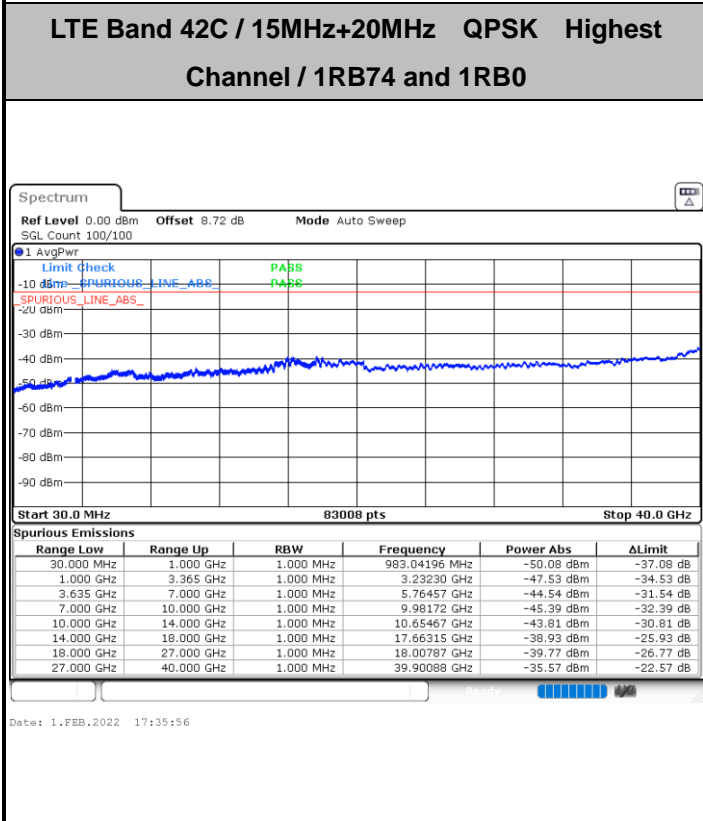
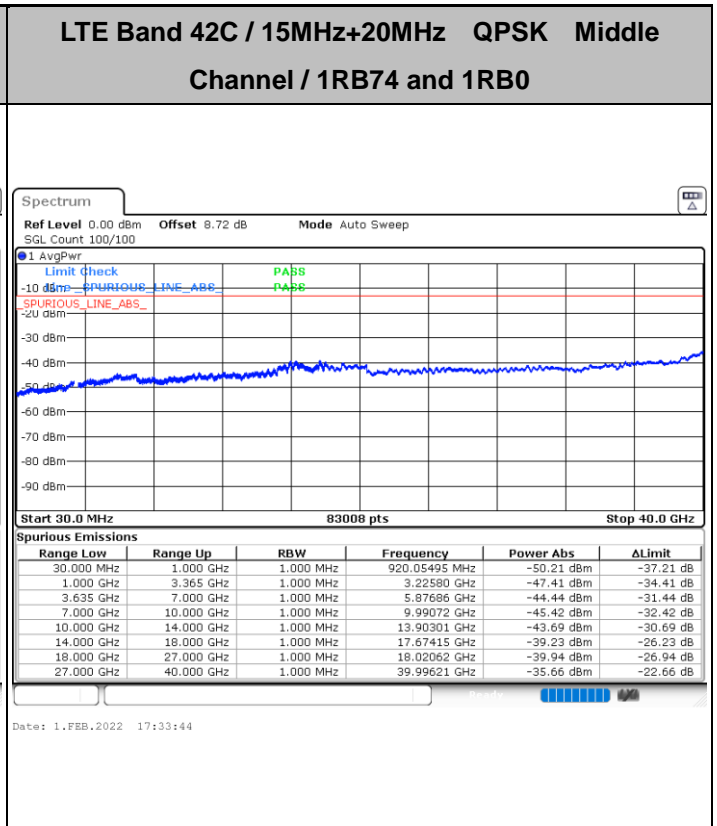
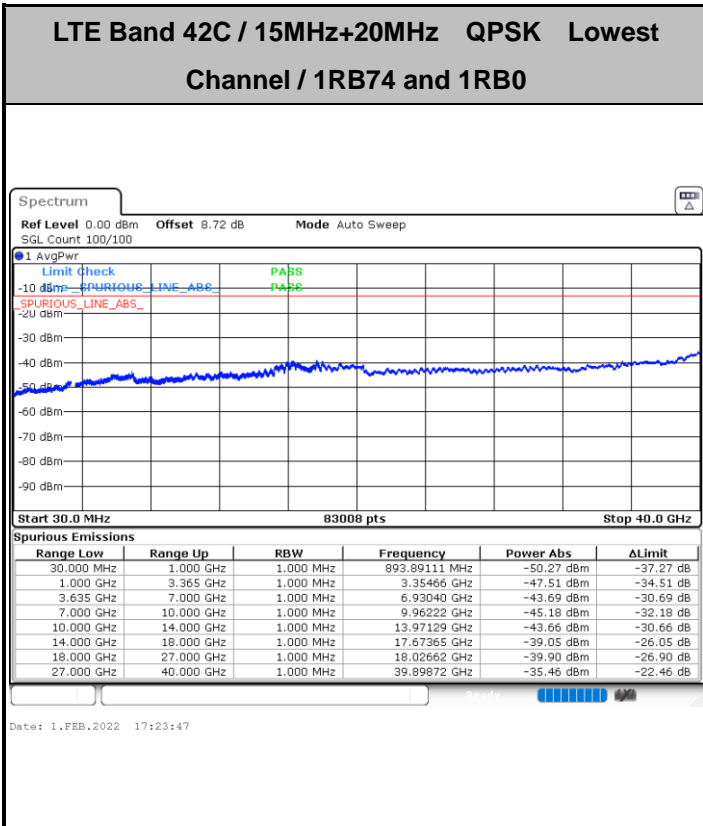




Conducted Spurious Emission

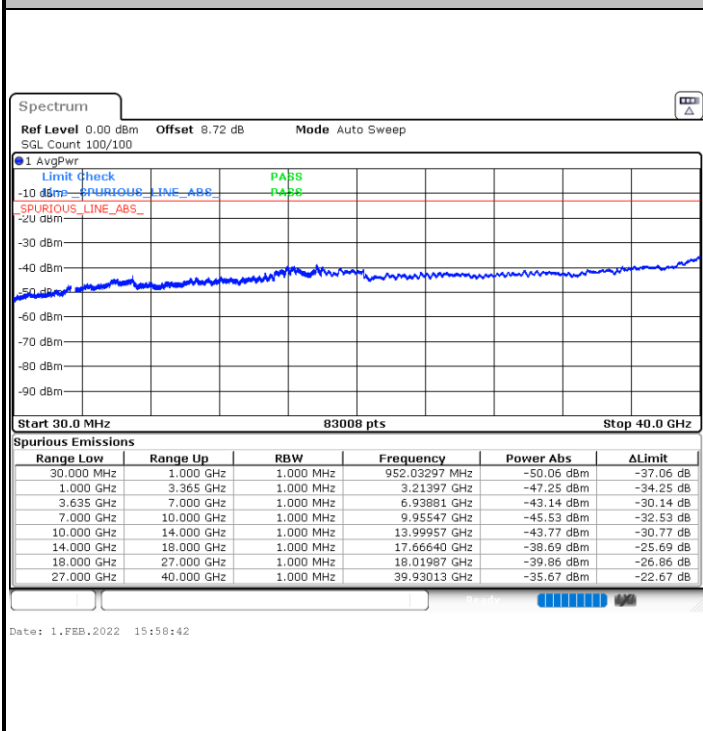




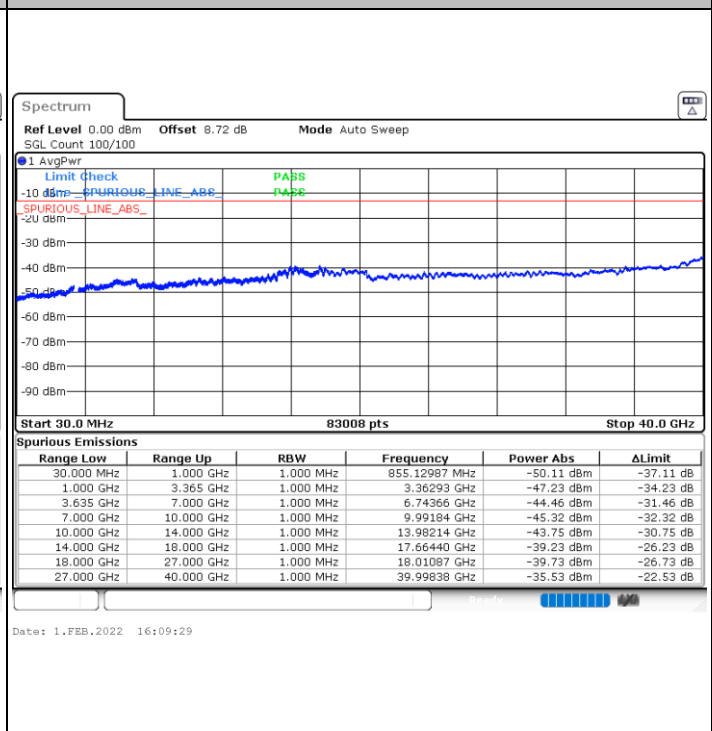




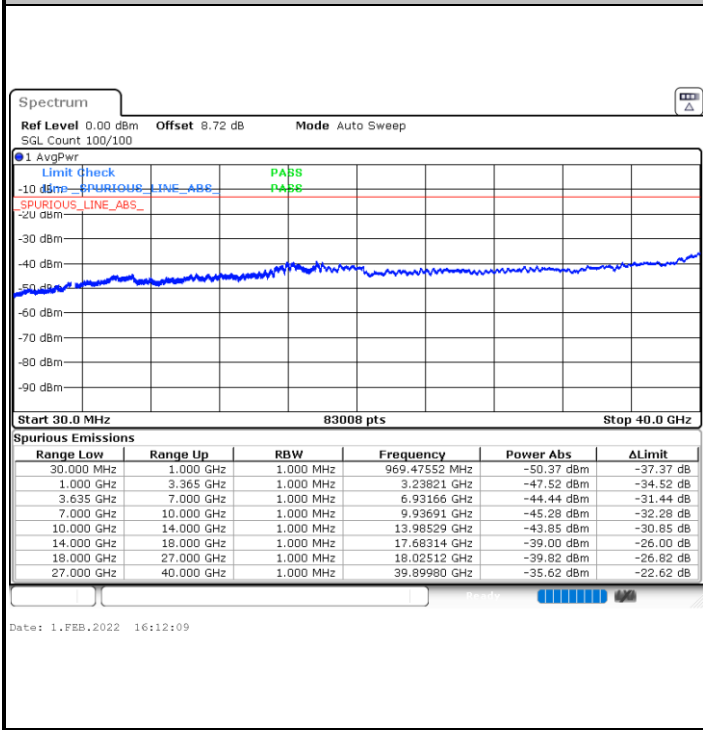
LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0

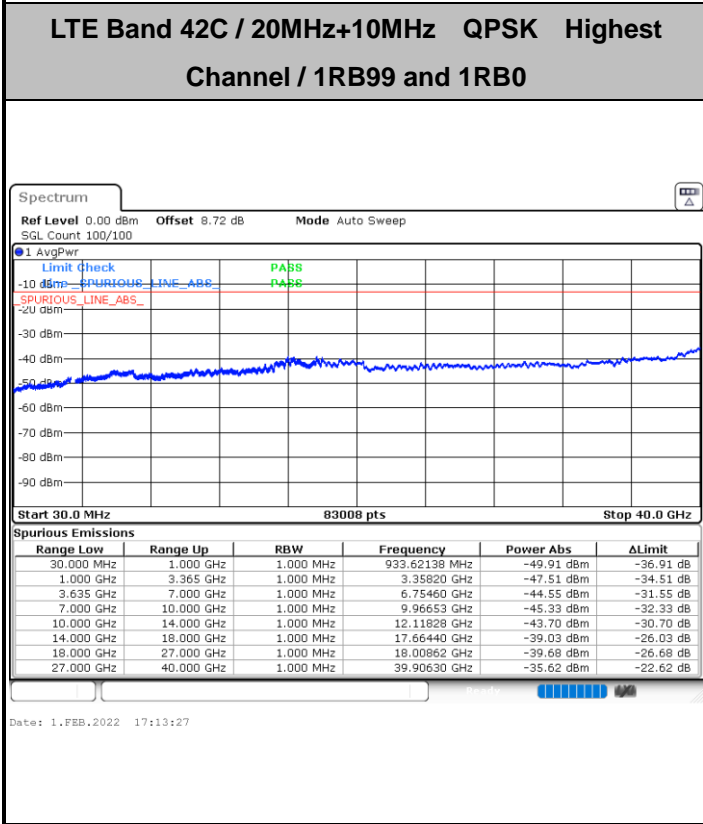
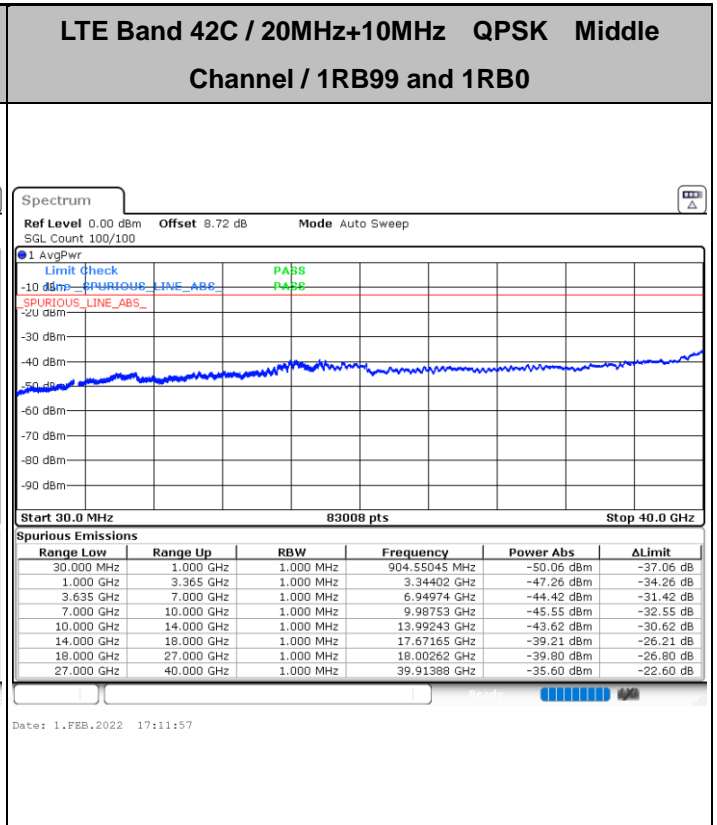
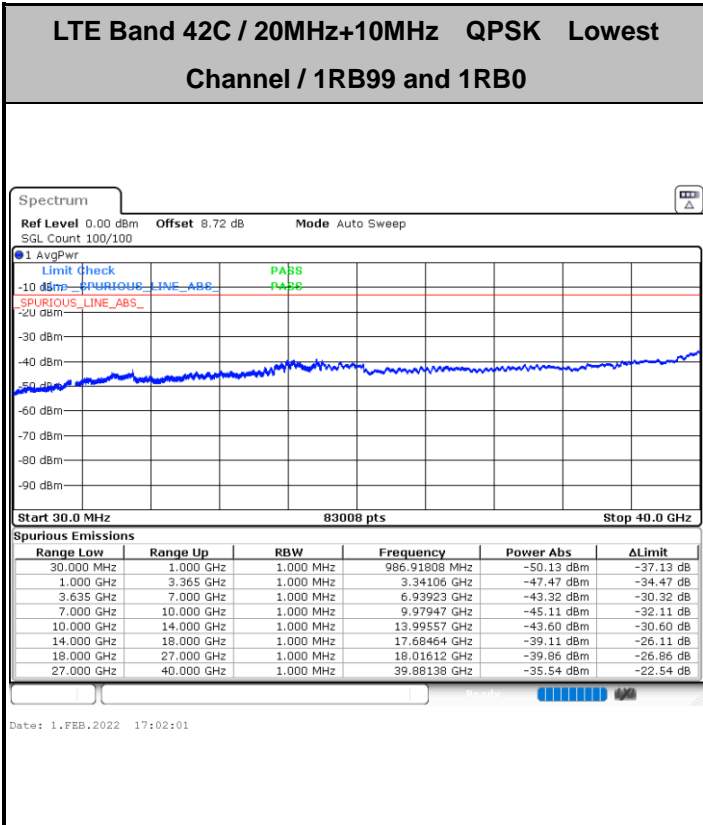


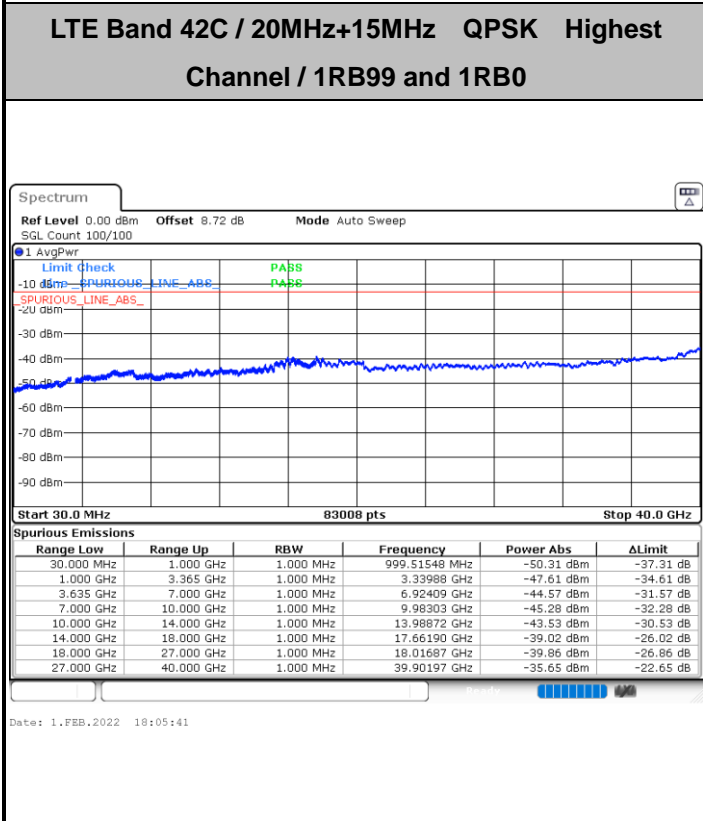
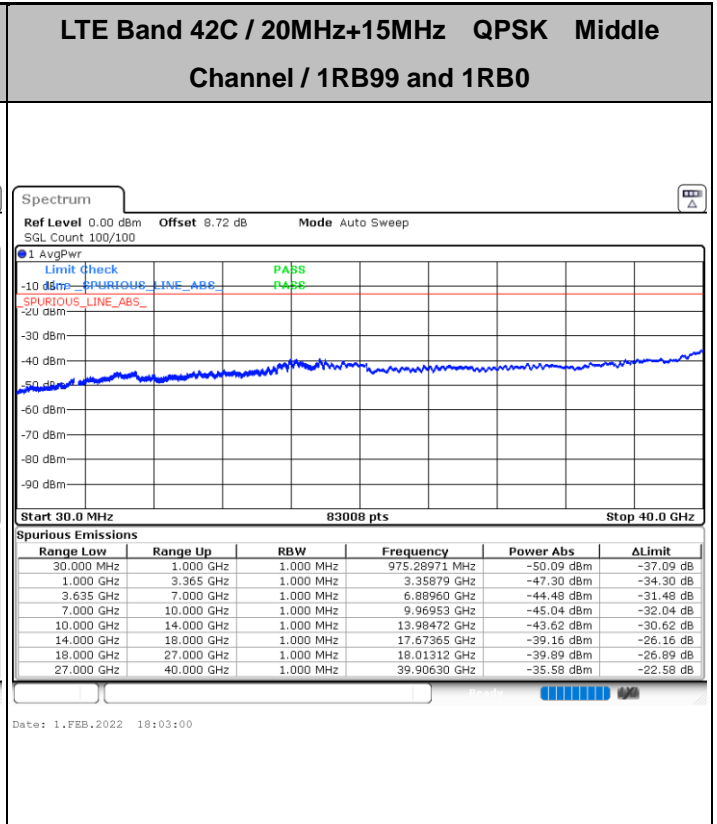
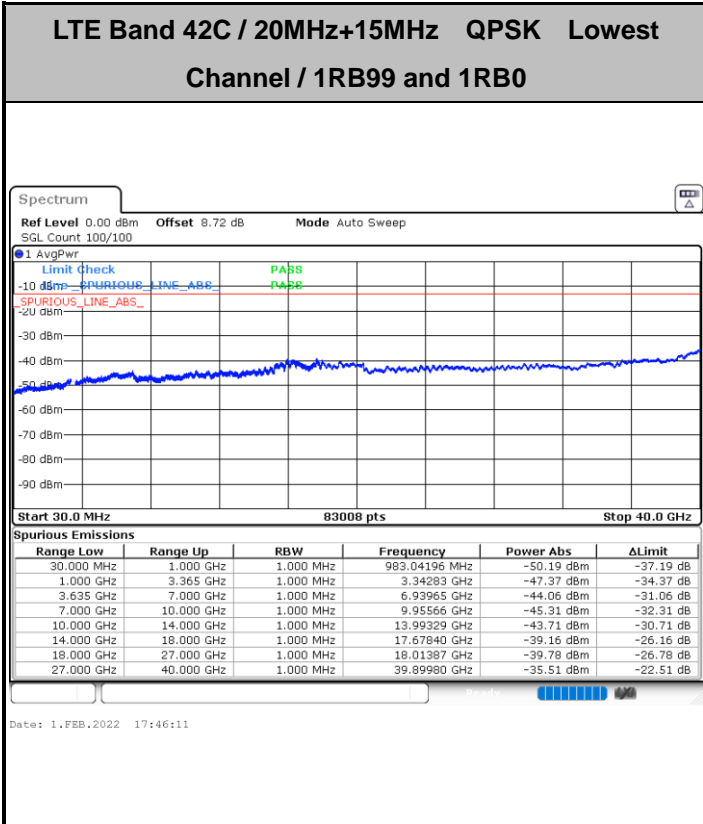
LTE Band 42C / 20MHz+5MHz QPSK Middle Channel / 1RB99 and 1RB0

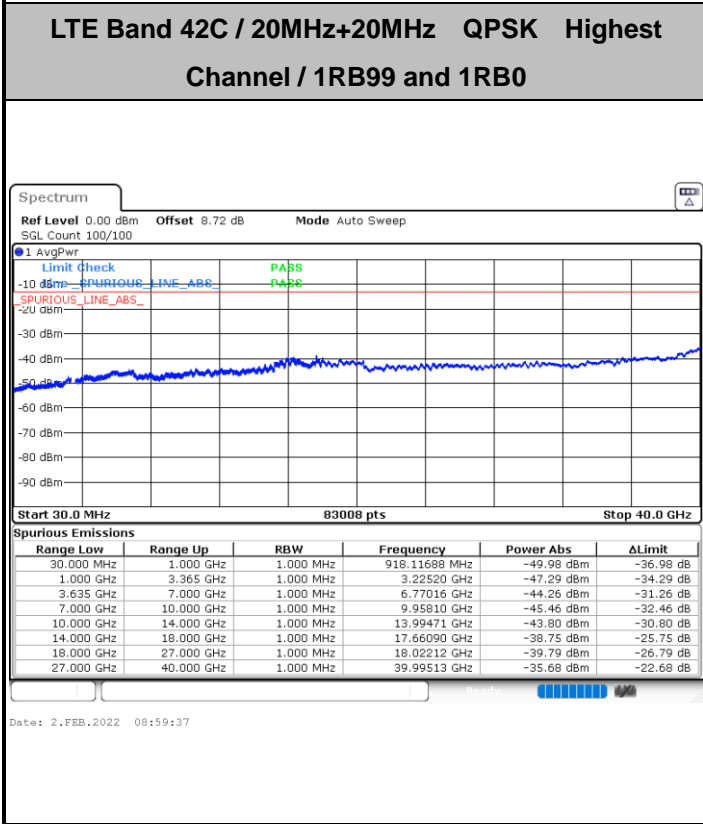
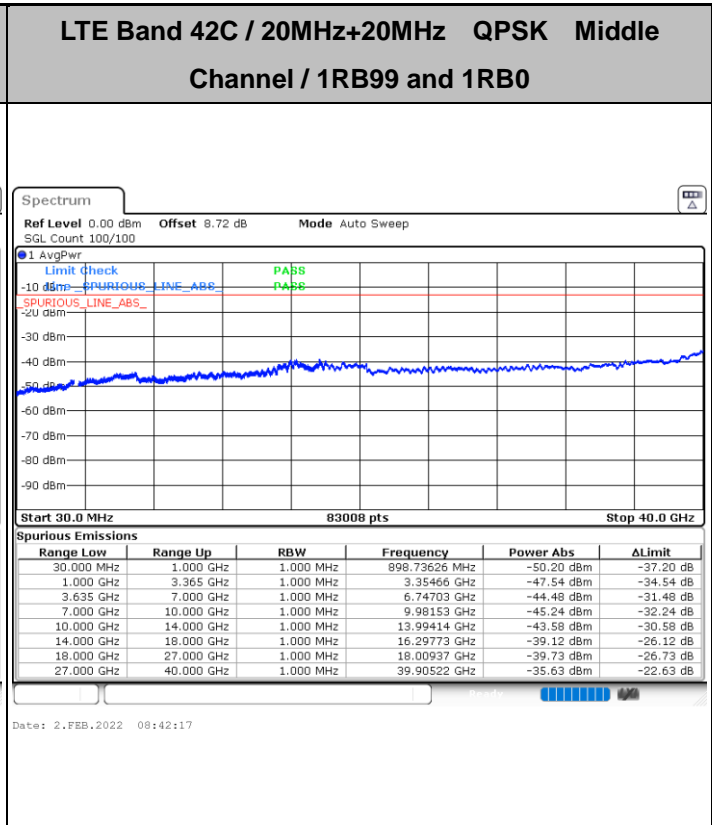
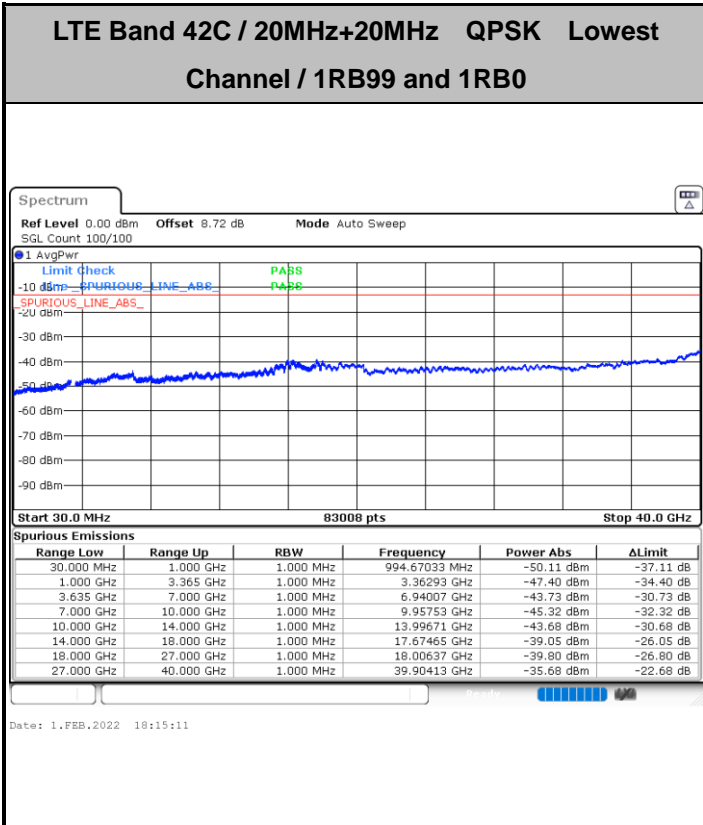


LTE Band 42C / 20MHz+5MHz QPSK Highest Channel / 1RB99 and 1RB0









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°C
		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.