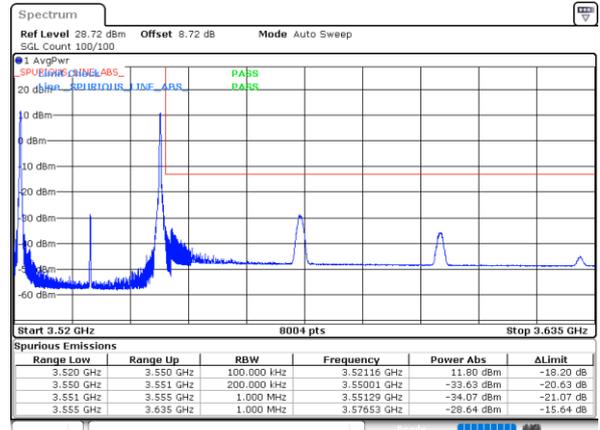
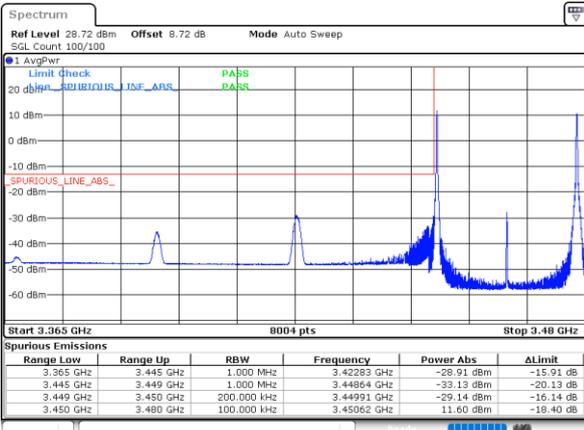




LTE Band 42C / 10MHz+20MHz / 256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

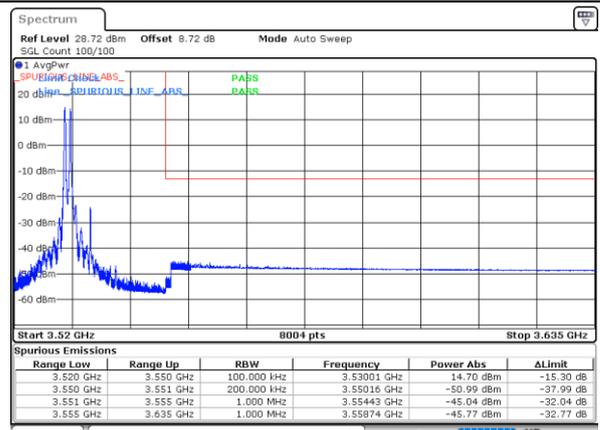
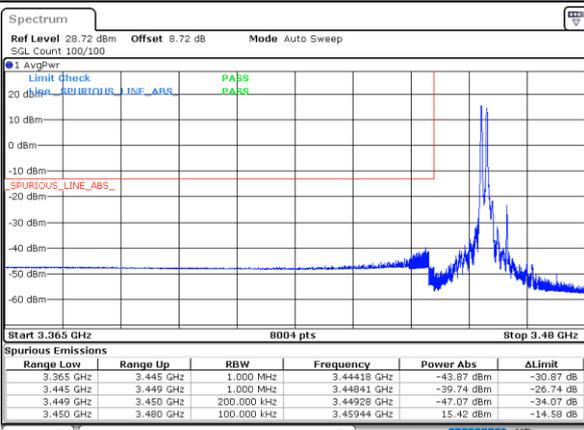


Date: 3.NOV.2021 11:50:10

Date: 3.NOV.2021 11:53:17

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

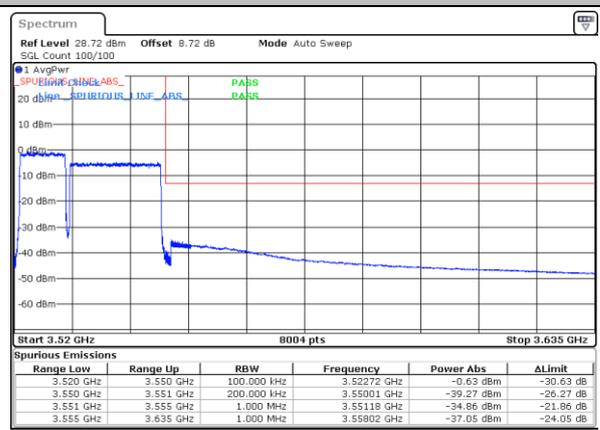
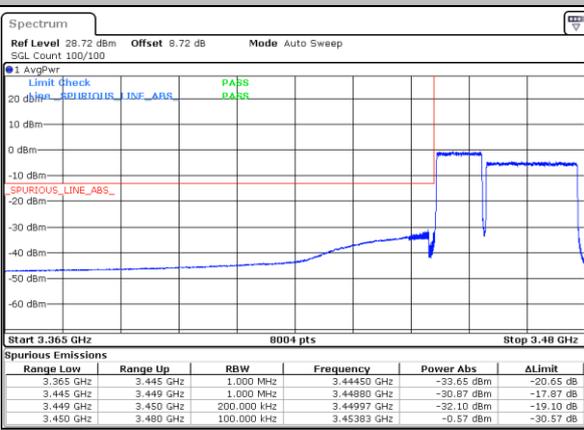


Date: 3.NOV.2021 11:51:02

Date: 3.NOV.2021 11:54:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



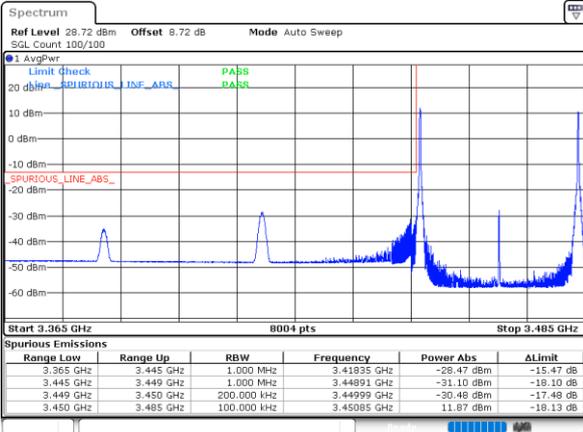
Date: 3.NOV.2021 11:49:19

Date: 3.NOV.2021 11:52:16



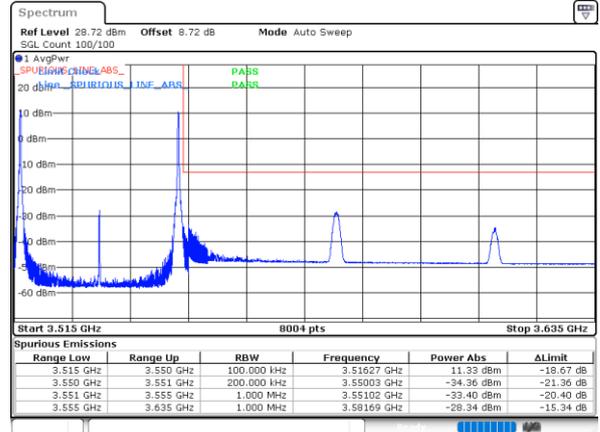
LTE Band 42C / 15MHz+20MHz / 256QAM

Lowest Band Edge / 1RB0 and 1RB74



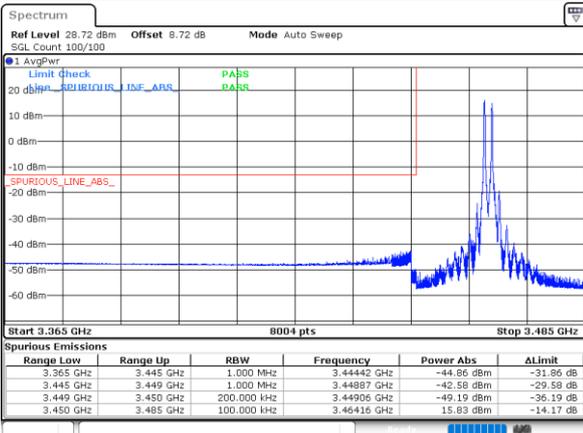
Date: 3.NOV.2021 12:05:57

Highest Band Edge / 1RB0 and 1RB74



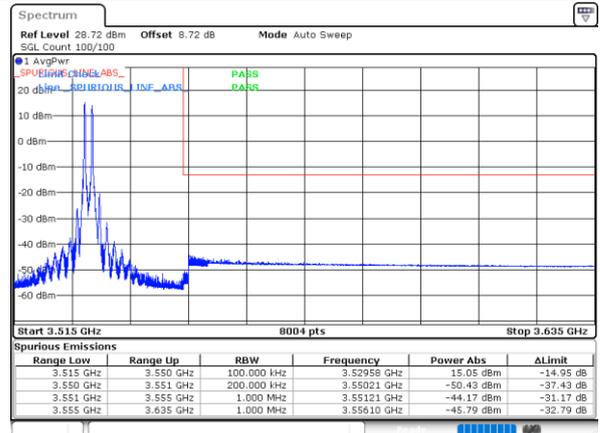
Date: 3.NOV.2021 12:09:03

Lowest Band Edge / 1RB74 and 1RB0



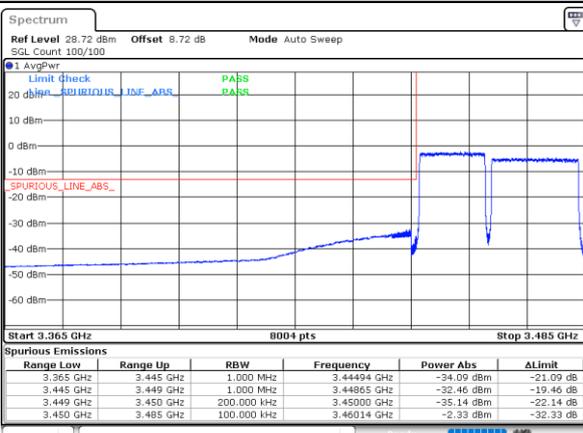
Date: 3.NOV.2021 12:06:49

Highest Band Edge / 1RB74 and 1RB0



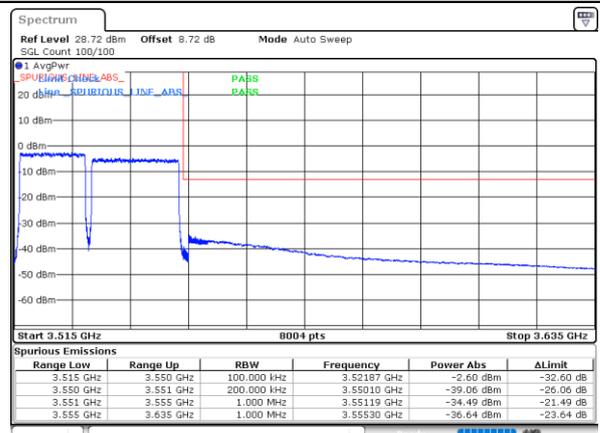
Date: 3.NOV.2021 12:09:56

Lowest Band Edge / Full RB



Date: 3.NOV.2021 12:05:11

Highest Band Edge / Full RB

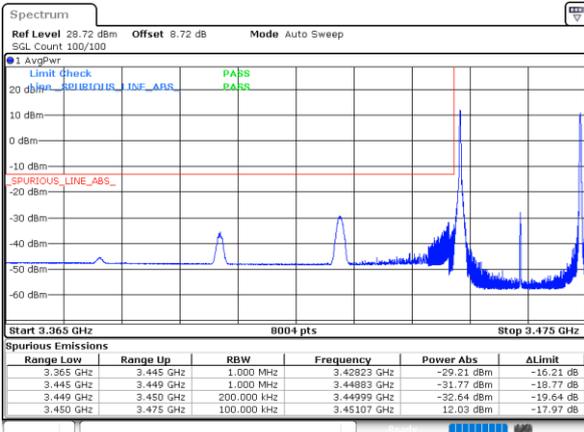


Date: 3.NOV.2021 12:08:09



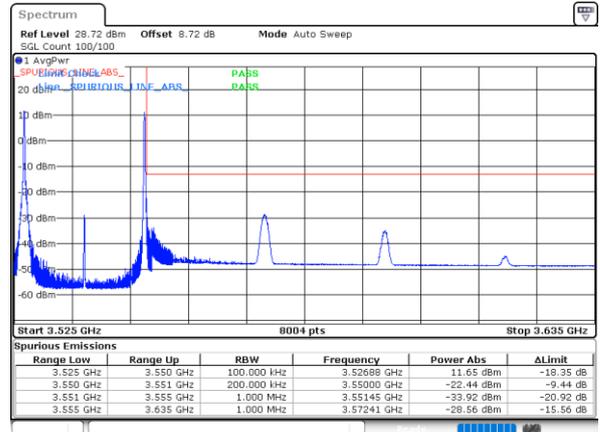
LTE Band 42C / 20MHz+5MHz / 256QAM

Lowest Band Edge / 1RB0 and 1RB99



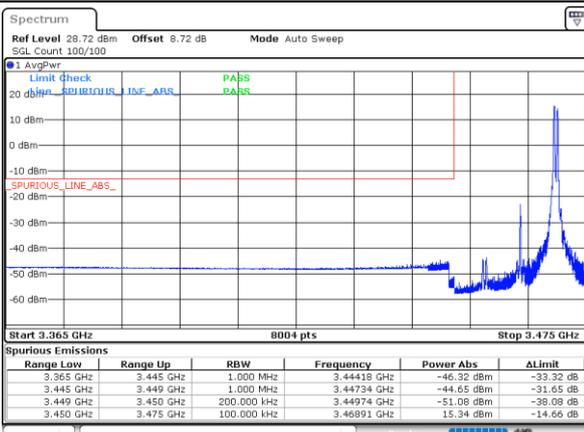
Date: 3.NOV.2021 11:14:28

Highest Band Edge / 1RB0 and 1RB99



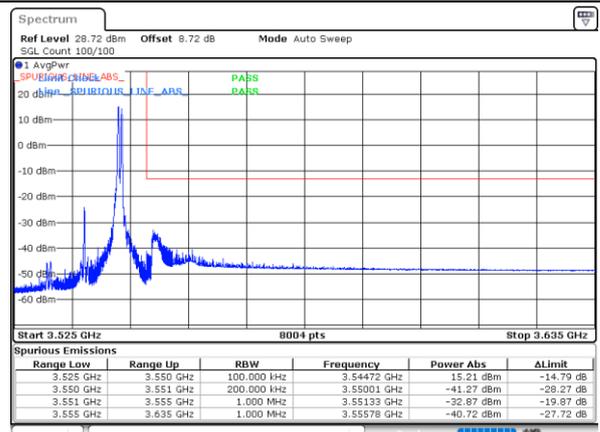
Date: 3.NOV.2021 11:16:14

Lowest Band Edge / 1RB74 and 1RB0



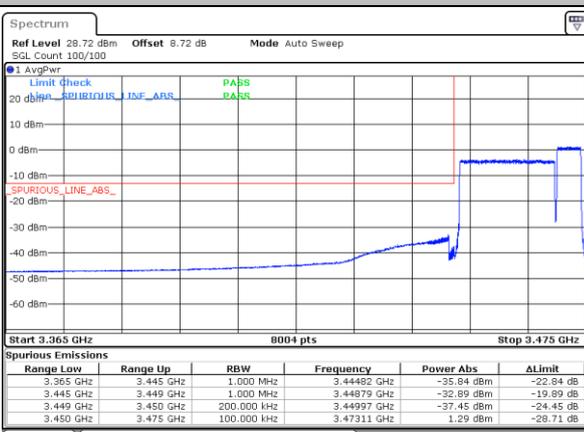
Date: 3.NOV.2021 11:41:41

Highest Band Edge / 1RB74 and 1RB0



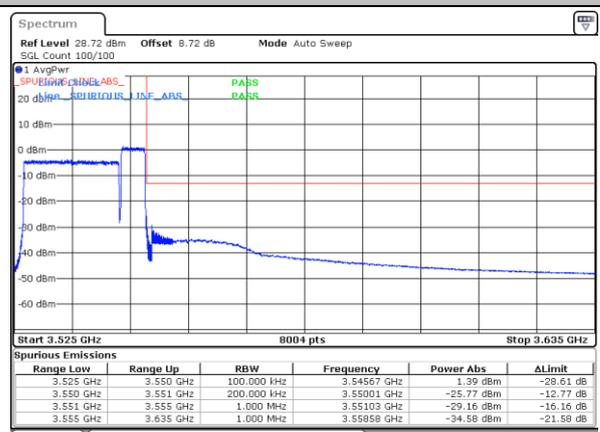
Date: 3.NOV.2021 11:56:56

Lowest Band Edge / Full RB



Date: 3.NOV.2021 11:39:20

Highest Band Edge / Full RB

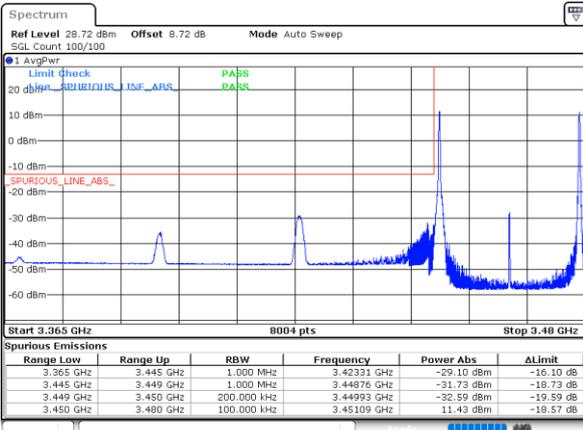


Date: 3.NOV.2021 11:55:25



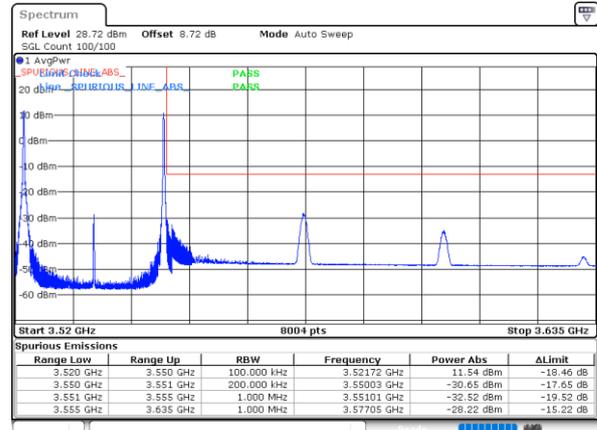
LTE Band 42C / 20MHz+10MHz / 256QAM

Lowest Band Edge / 1RB0 and 1RB49



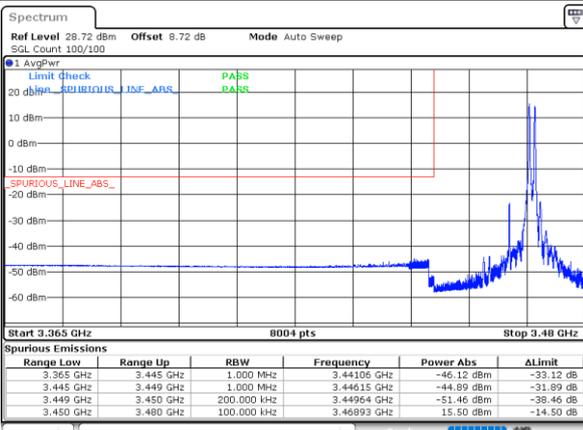
Date: 3.NOV.2021 11:59:36

Highest Band Edge / 1RB0 and 1RB49



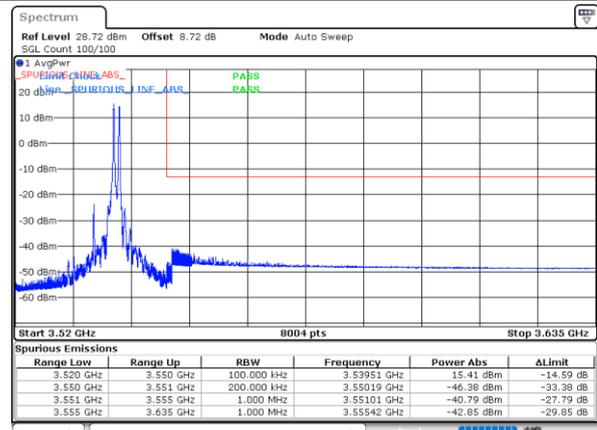
Date: 3.NOV.2021 12:02:53

Lowest Band Edge / 1RB99 and 1RB0



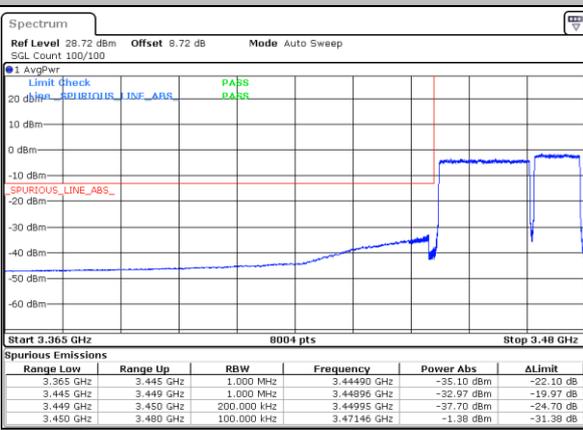
Date: 3.NOV.2021 12:00:40

Highest Band Edge / 1RB99 and 1RB0



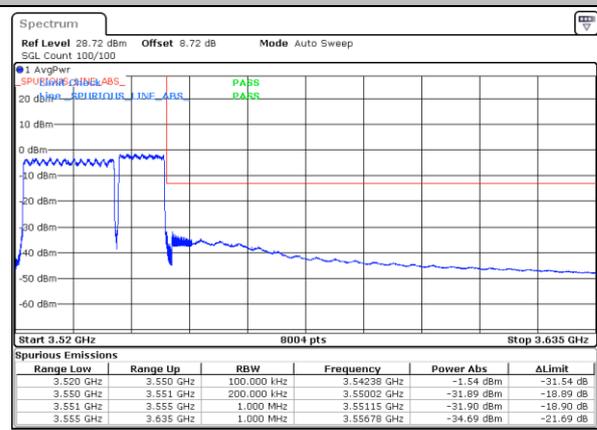
Date: 3.NOV.2021 12:03:42

Lowest Band Edge / Full RB



Date: 3.NOV.2021 11:58:39

Highest Band Edge / Full RB



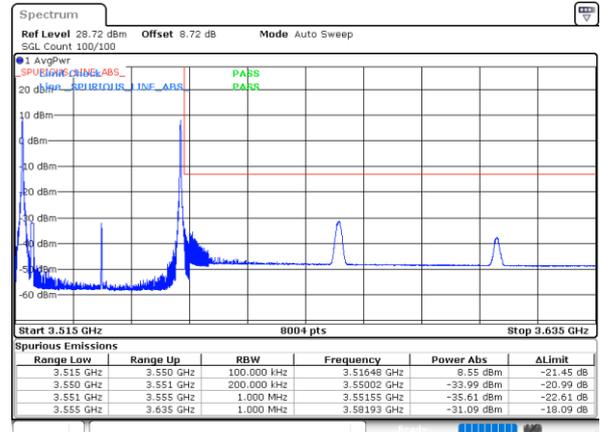
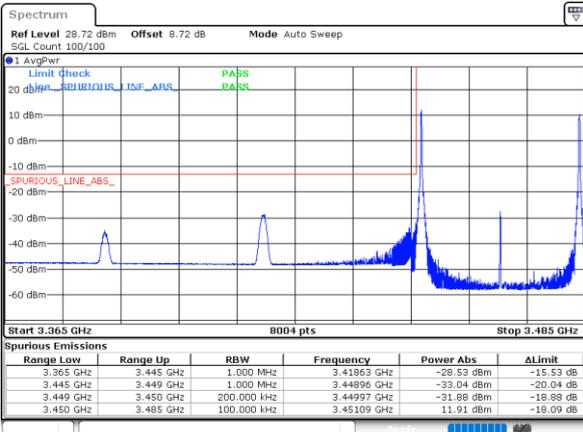
Date: 3.NOV.2021 12:01:52



LTE Band 42C / 20MHz+15MHz / 256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

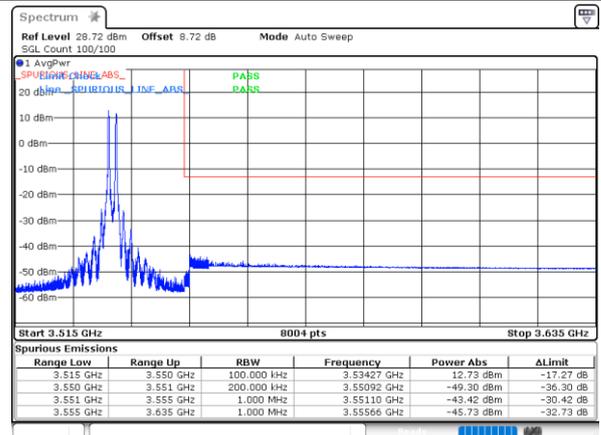
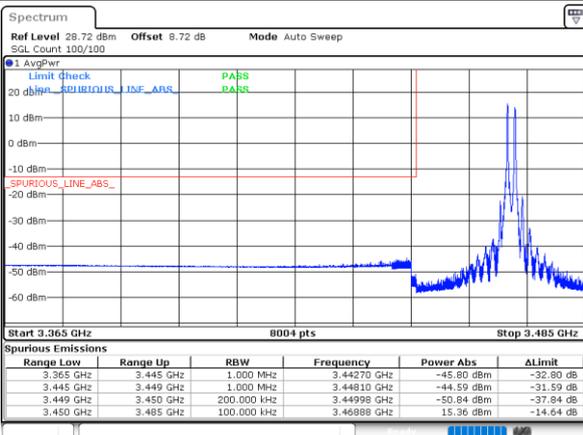


Date: 3.NOV.2021 12:11:56

Date: 3.NOV.2021 12:16:47

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

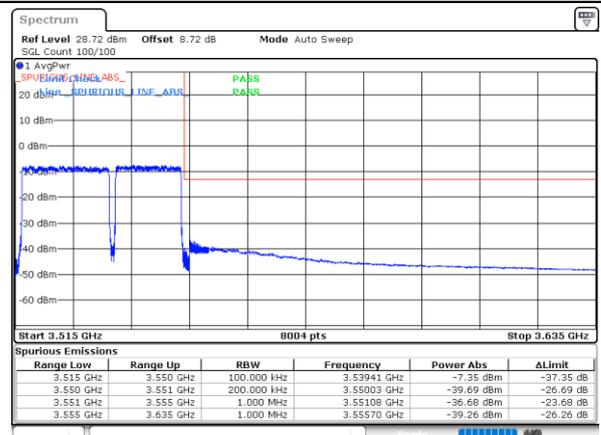
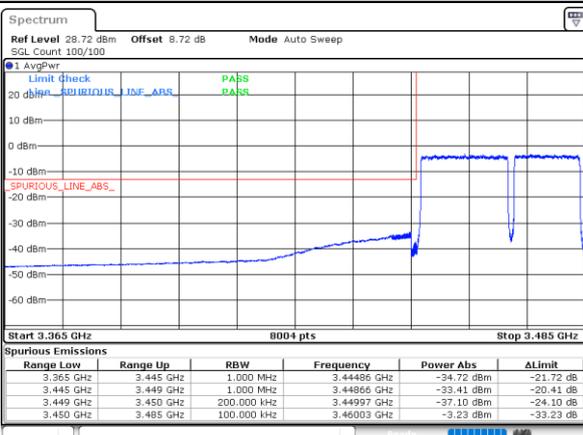


Date: 3.NOV.2021 12:12:43

Date: 3.NOV.2021 12:17:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.NOV.2021 12:11:01

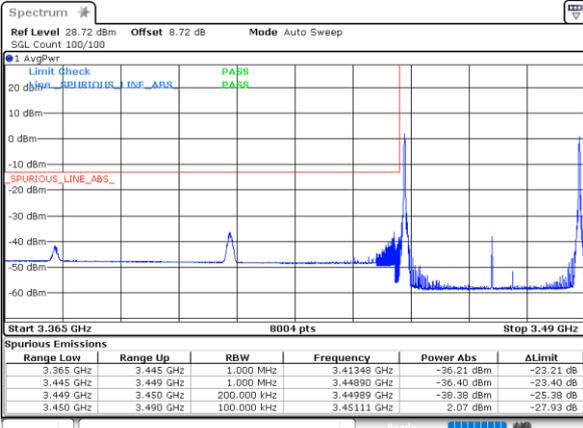
Date: 3.NOV.2021 12:16:01



LTE Band 42C / 20MHz+20MHz / 256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

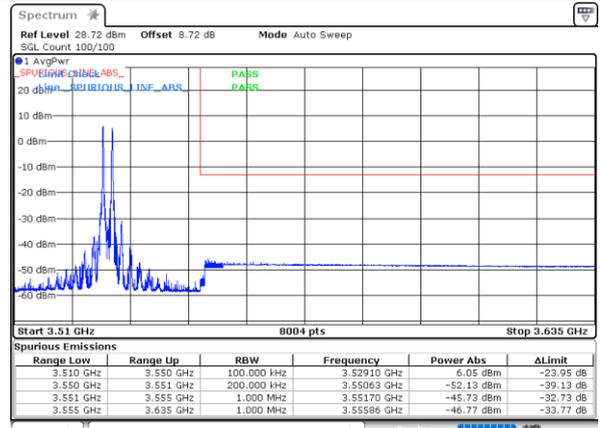
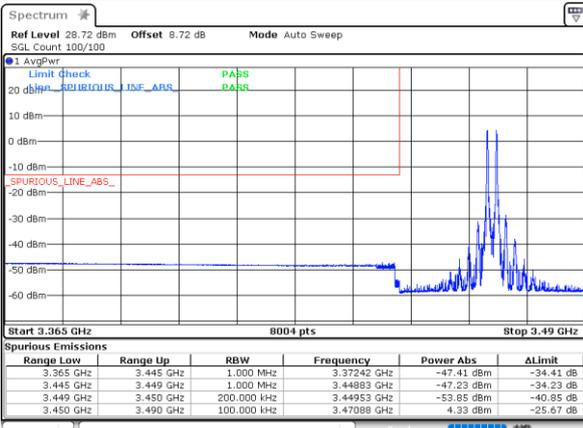


Date: 3.NOV.2021 12:23:12

Date: 3.NOV.2021 12:30:48

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

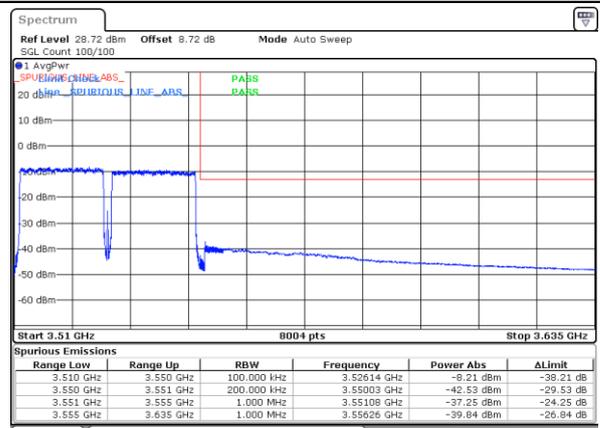
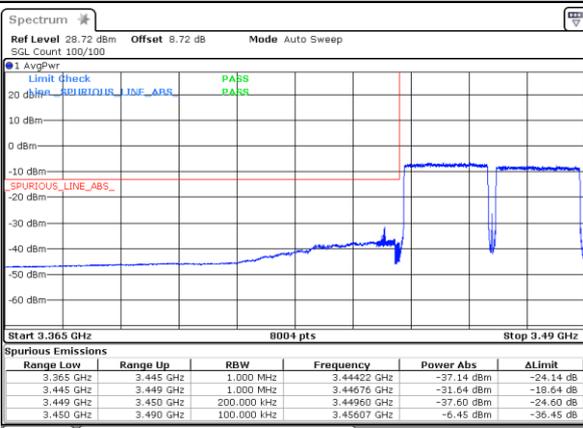


Date: 3.NOV.2021 12:26:33

Date: 3.NOV.2021 12:32:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

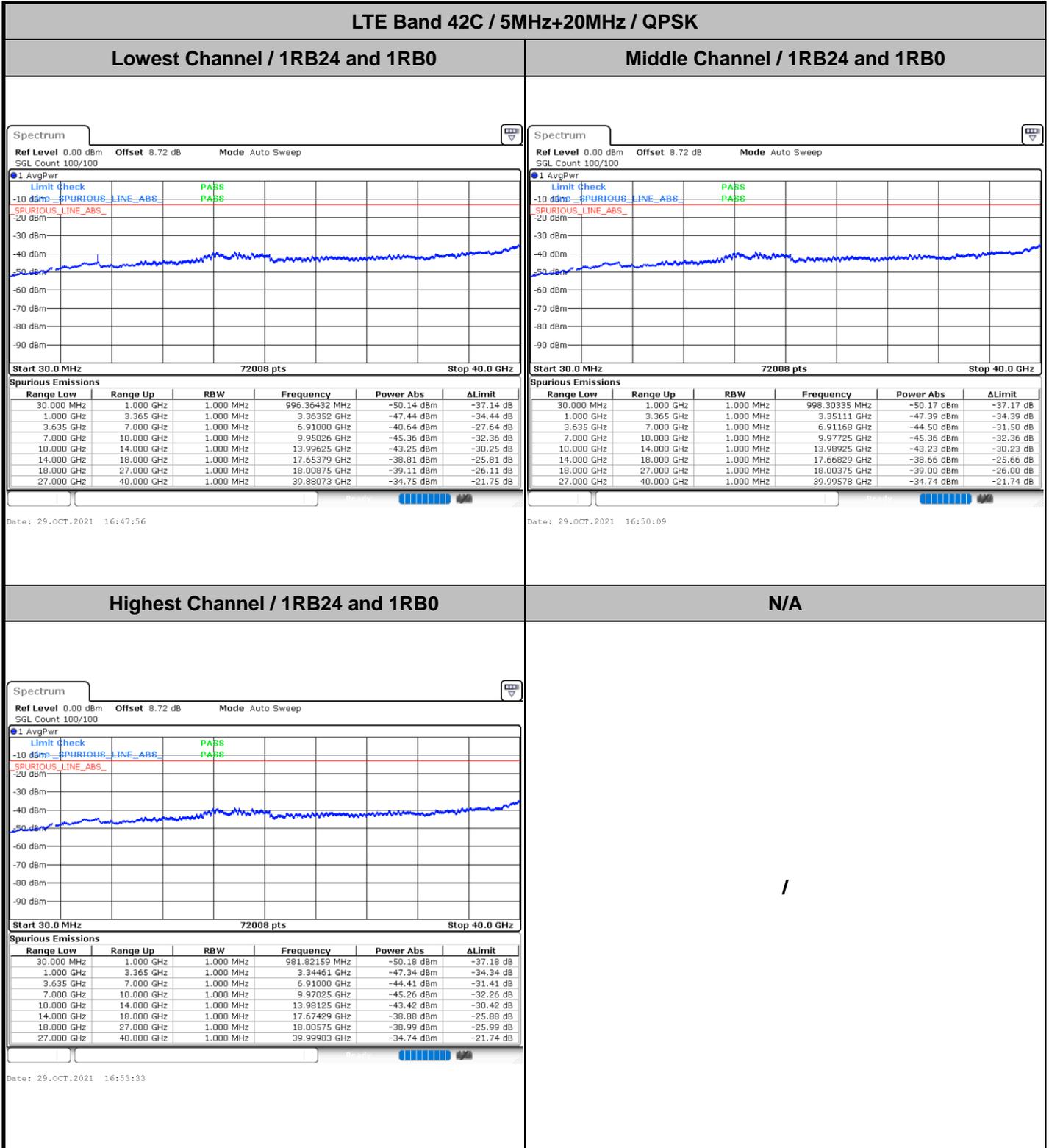


Date: 3.NOV.2021 12:20:32

Date: 3.NOV.2021 12:29:37



Conducted Spurious Emission

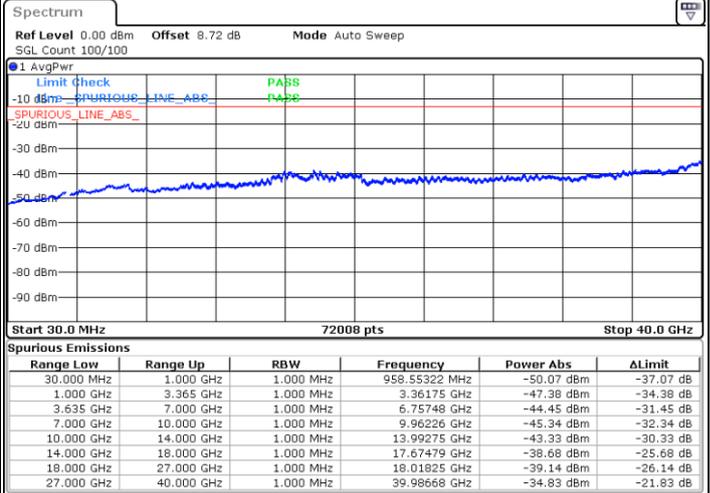
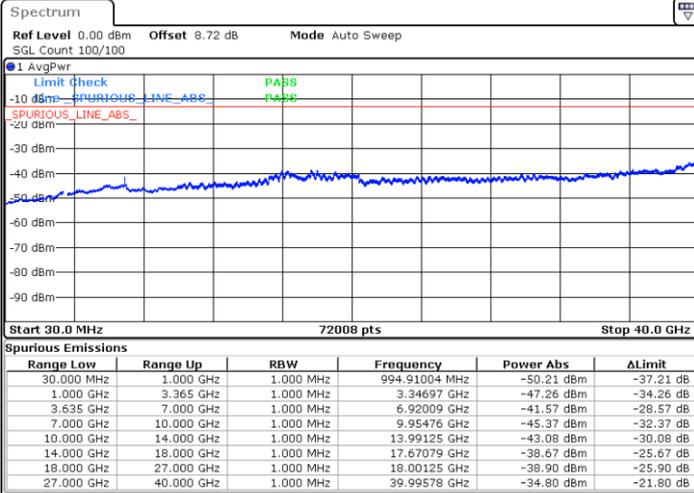




LTE Band 42C / 10MHz+20MHz / QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

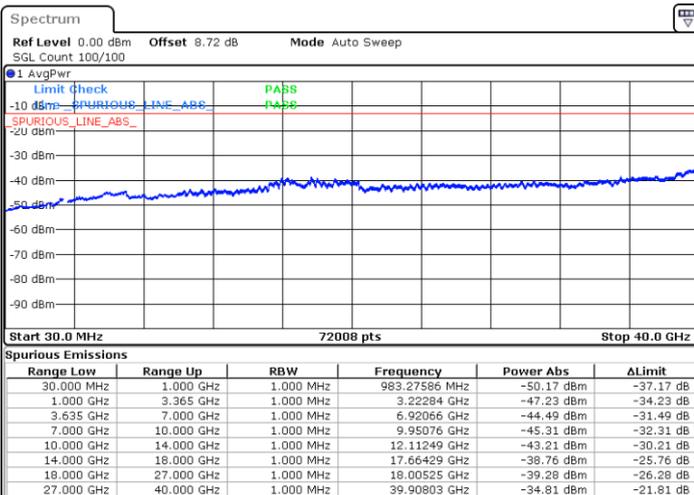


Date: 29.OCT.2021 16:36:01

Date: 29.OCT.2021 16:37:54

Highest Channel / 1RB49 and 1RB0

N/A

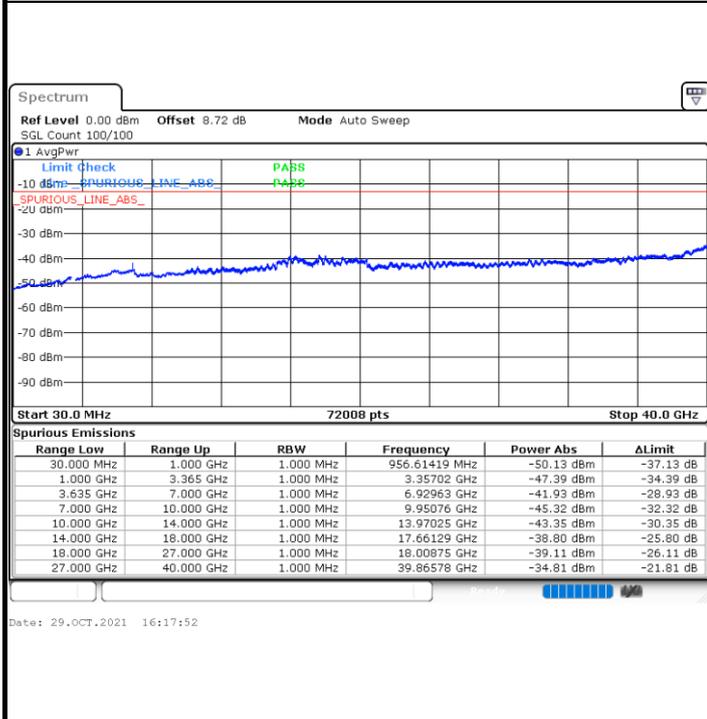


Date: 29.OCT.2021 16:40:06

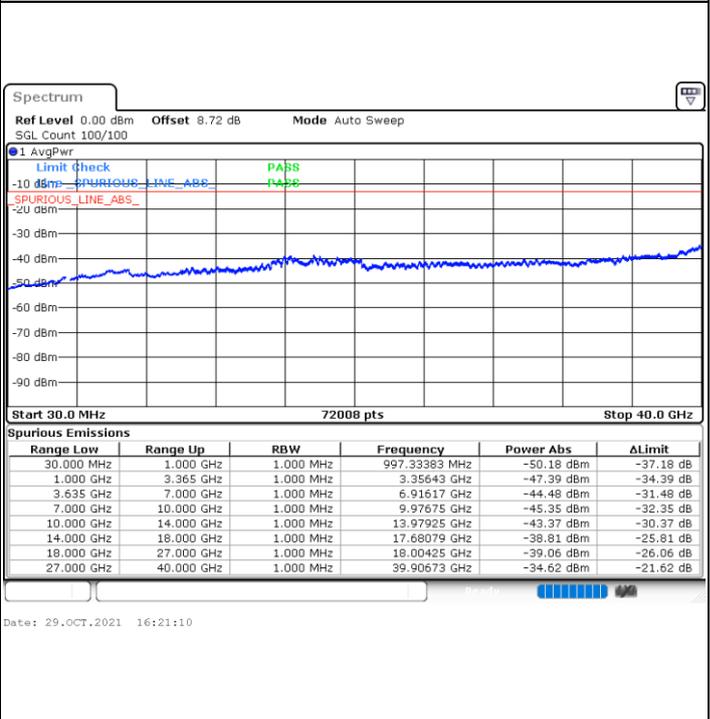


LTE Band 42C / 15MHz+20MHz / QPSK

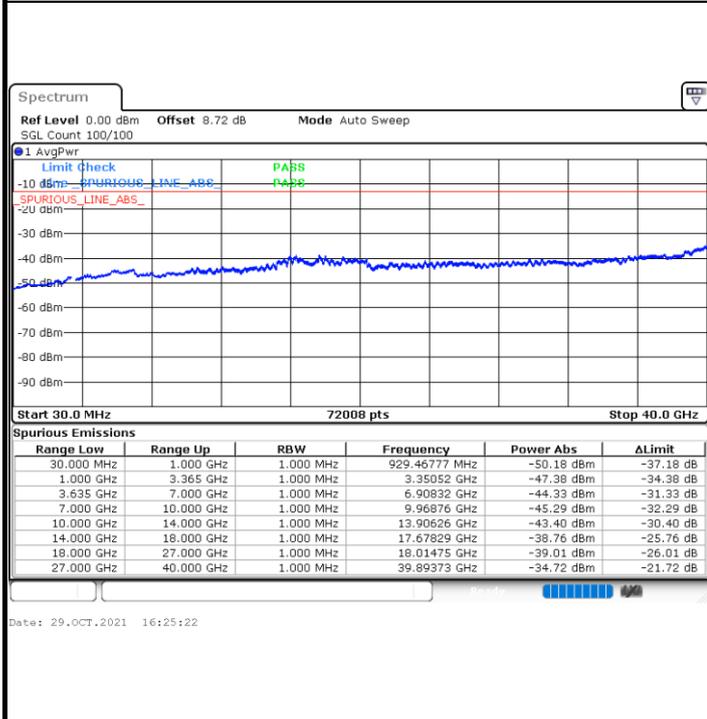
Lowest Channel / 1RB74 and 1RB0



Middle Channel / 1RB74 and 1RB0



Highest Channel / 1RB74 and 1RB0



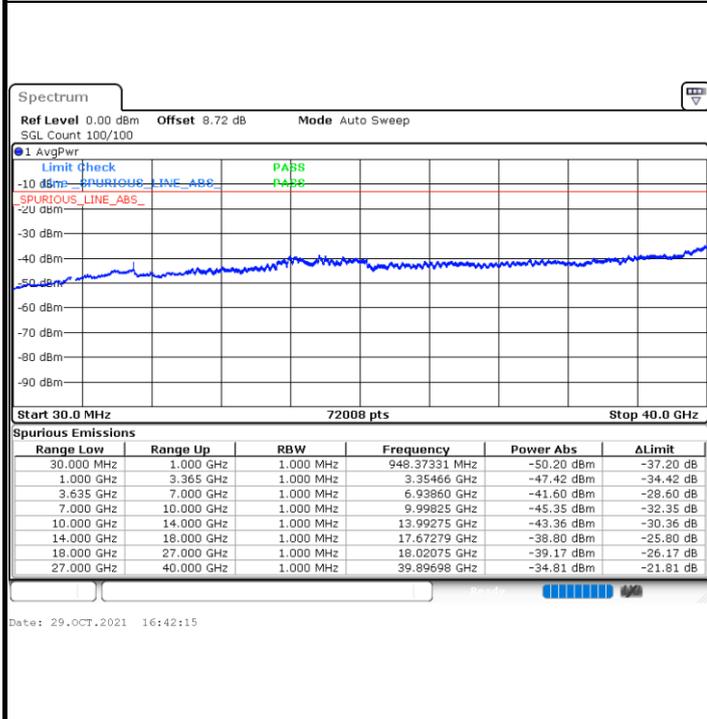
N/A

/



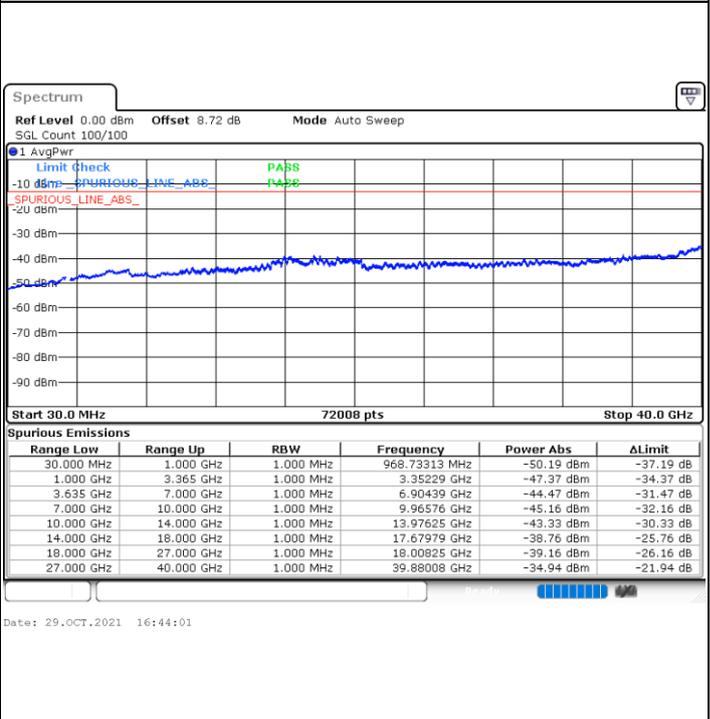
LTE Band 42C / 20MHz+5MHz / QPSK

Lowest Channel / 1RB99 and 1RB0



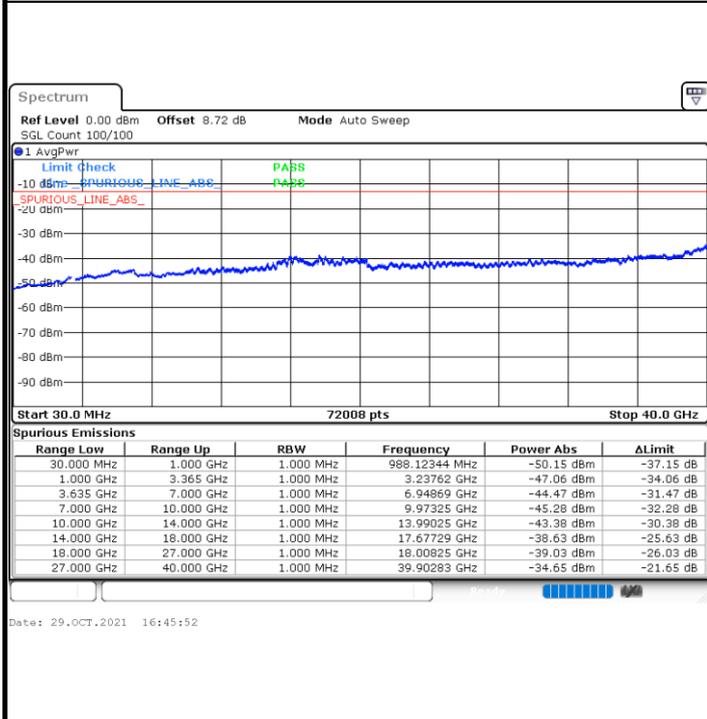
Date: 29.OCT.2021 16:42:15

Middle Channel / 1RB99 and 1RB0



Date: 29.OCT.2021 16:44:01

Highest Channel / 1RB99 and 1RB0



Date: 29.OCT.2021 16:45:52

N/A

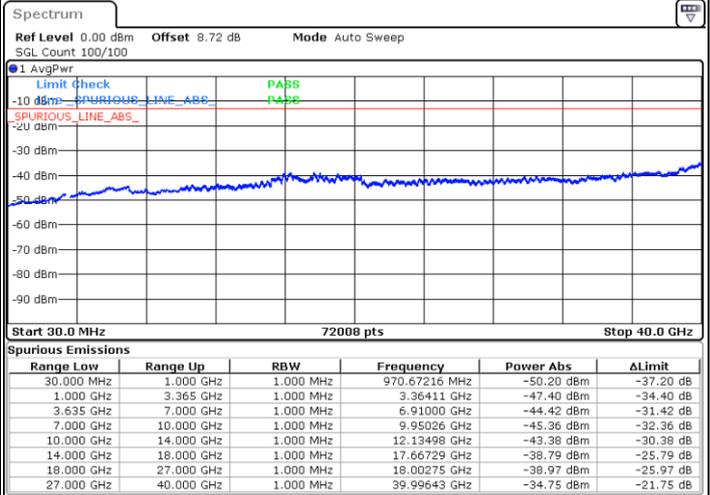
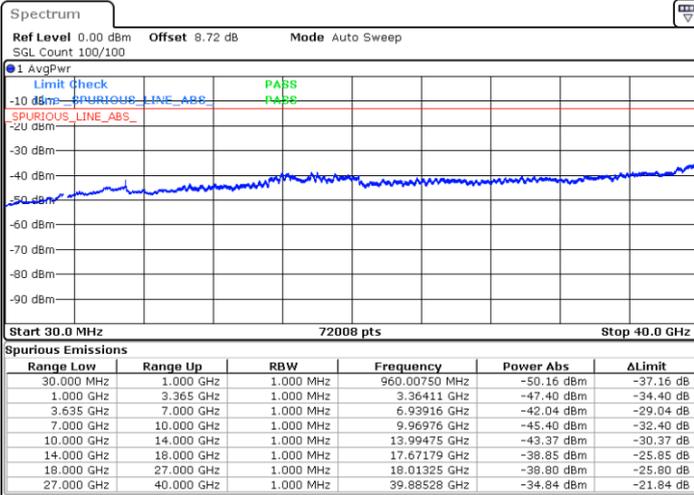
/



LTE Band 42C / 20MHz+10MHz / QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

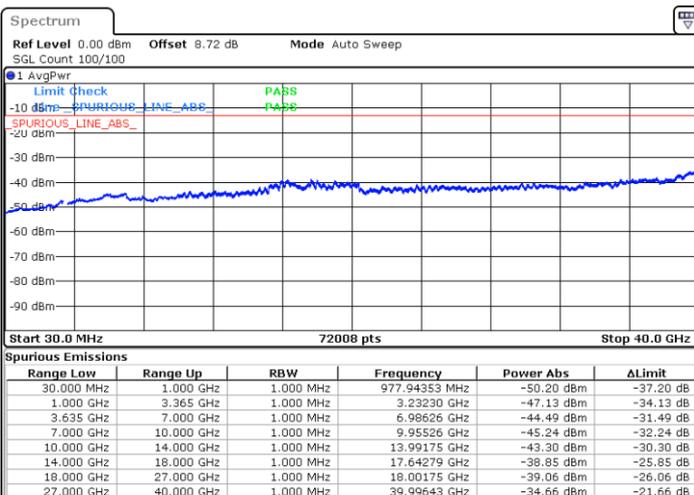


Date: 29.OCT.2021 16:27:48

Date: 29.OCT.2021 16:29:51

Highest Channel / 1RB99 and 1RB0

N/A



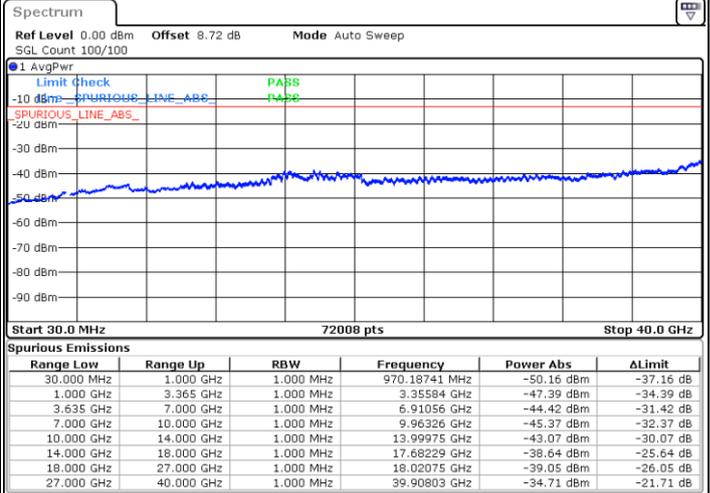
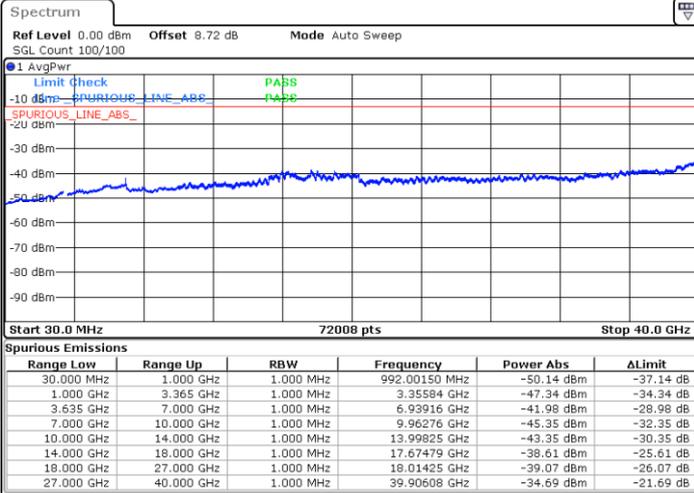
Date: 29.OCT.2021 16:33:20



LTE Band 42C / 20MHz+15MHz / QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

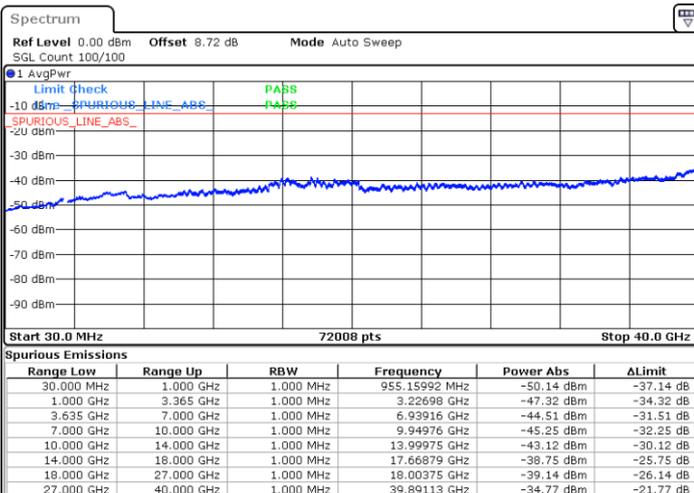


Date: 29.OCT.2021 16:10:54

Date: 29.OCT.2021 16:12:42

Highest Channel / 1RB99 and 1RB0

N/A



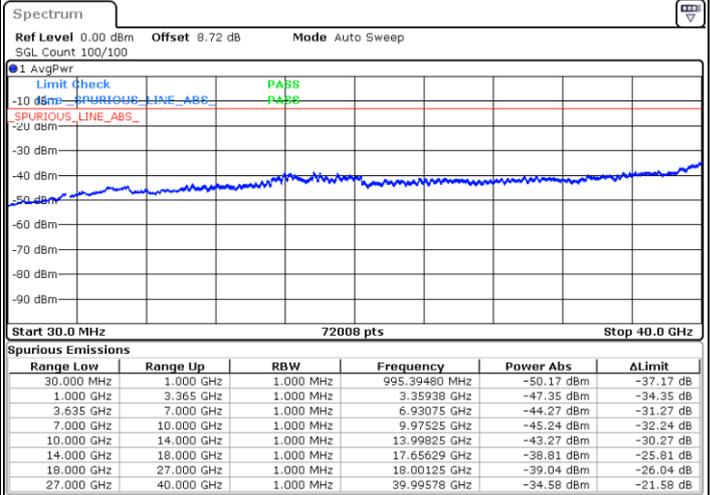
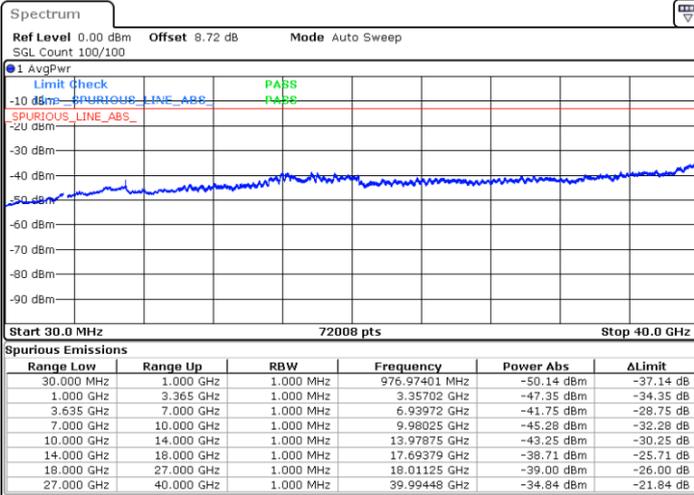
Date: 29.OCT.2021 16:14:34



LTE Band 42C / 20MHz+20MHz / QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

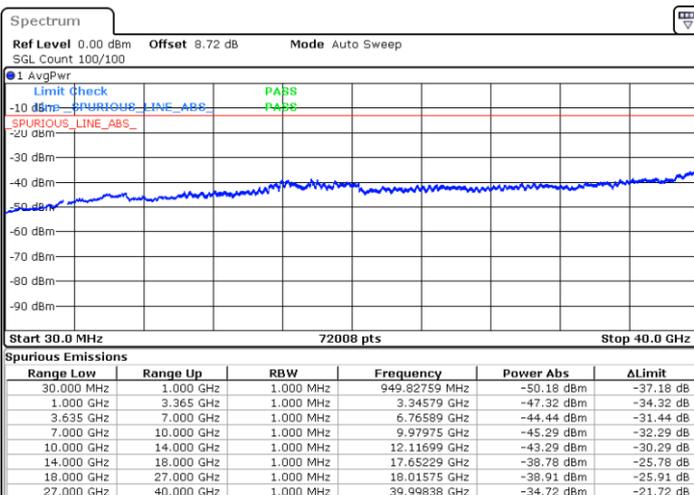


Date: 29.OCT.2021 16:07:04

Date: 29.OCT.2021 16:02:58

Highest Channel / 1RB99 and 1RB0

N/A



Date: 29.OCT.2021 16:08:53

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	0.0015	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 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 / 16QAM / RB Size 1 Offset 0 / Ant 10								
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	-61.77	-13	-48.77	-71.98	3.03	13.24	H
	10470	-42.49	-13	-29.49	-51.94	3.56	13.01	H
	13962	-58.65	-13	-45.65	-68.17	3.92	13.44	H
	6984	-62.01	-13	-49.01	-72.22	3.03	13.24	V
	10470	-57.29	-13	-44.29	-66.74	3.56	13.01	V
	13962	-58.75	-13	-45.75	-68.27	3.92	13.44	V

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

LTE Band 42 CA/ 20MHz + 20MHz / 16QAM / RB Size 1 Offset 0 / Ant 10								
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	-60.77	-13	-47.77	-70.98	3.03	13.24	H
	10446	-50.53	-13	-37.53	-59.98	3.56	13.01	H
	13926	-58.25	-13	-45.25	-67.77	3.92	13.44	H
	6960	-60.84	-13	-47.84	-71.05	3.03	13.24	V
	10446	-59.20	-13	-46.20	-68.65	3.56	13.01	V
	13926	-58.17	-13	-45.17	-67.69	3.92	13.44	V

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