

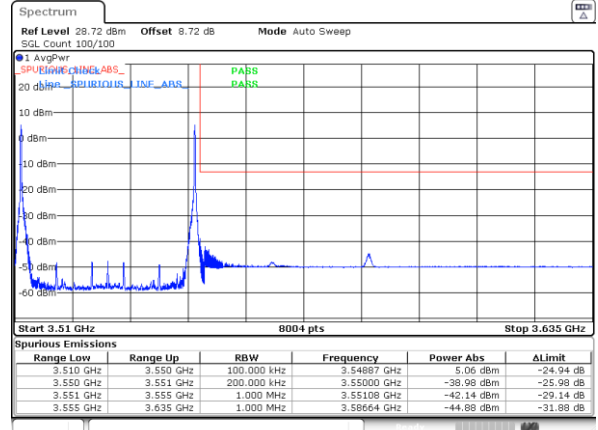
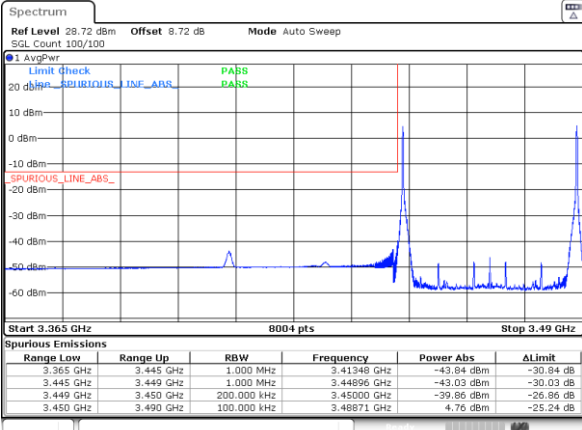


LTE Band 42C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

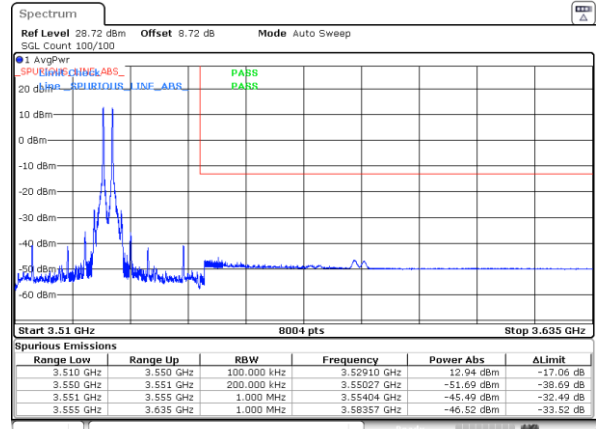
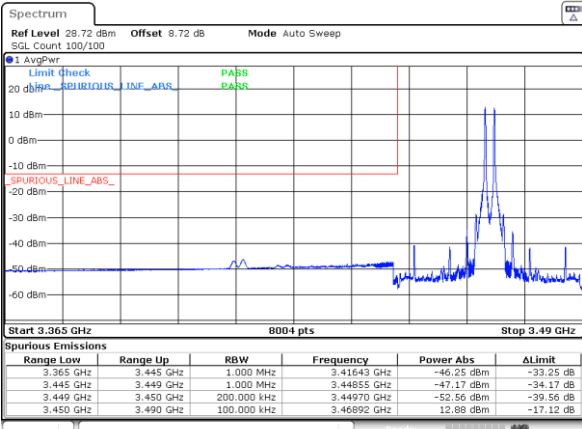


Date: 27 JUN 2023 02:04:36

Date: 27 JUN 2023 02:11:27

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

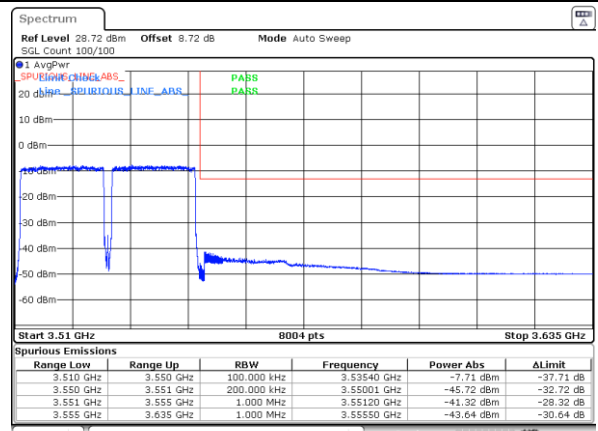
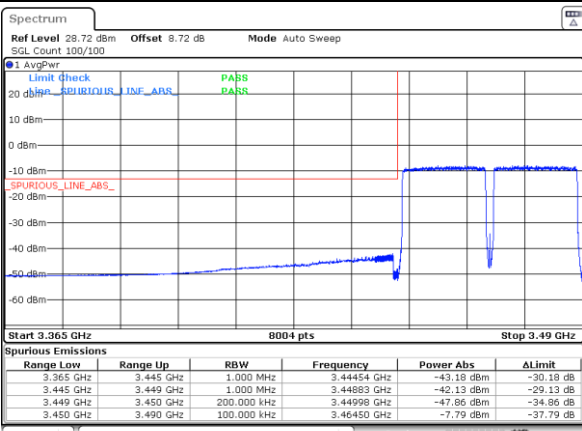


Date: 27 JUN 2023 02:08:52

Date: 27 JUN 2023 02:21:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2023 02:00:20

Date: 27 JUN 2023 02:13:11

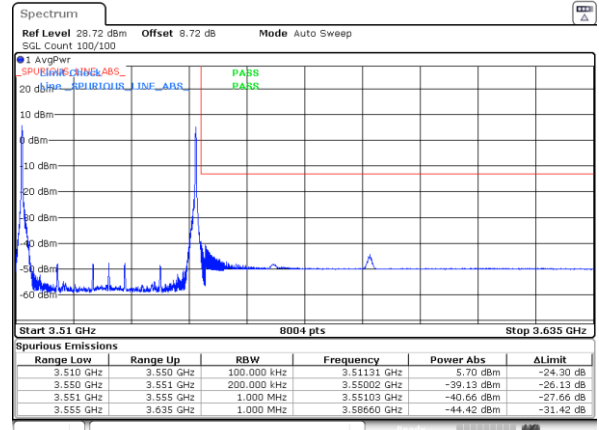
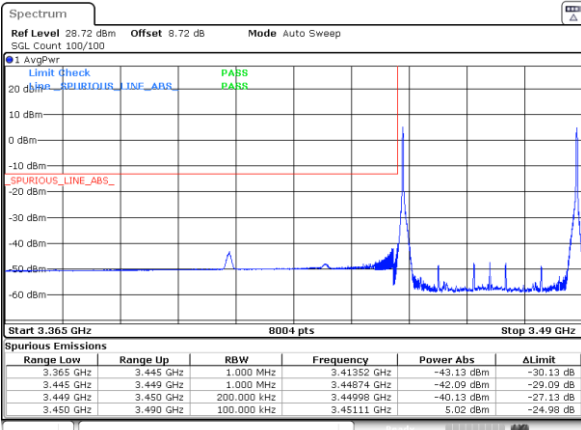


LTE Band 42C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

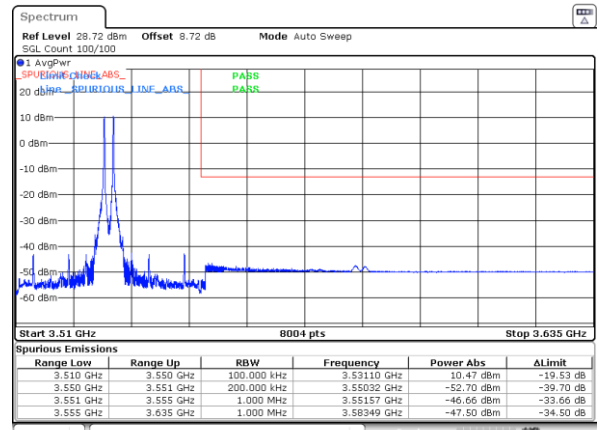
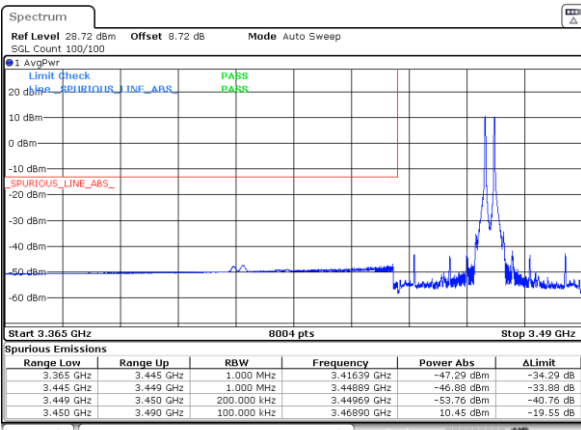


Date: 27 JUN 2023 02:03:11

Date: 27 JUN 2023 02:16:02

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

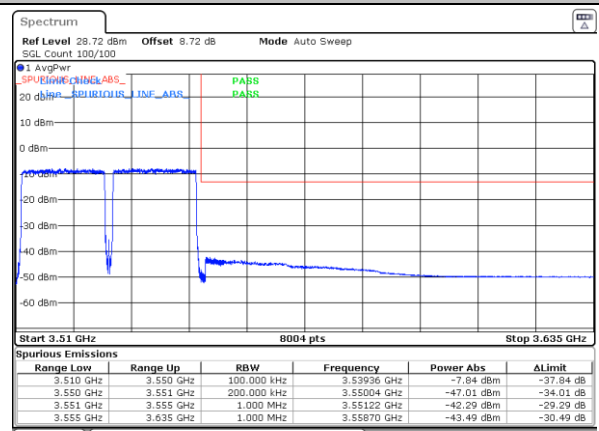
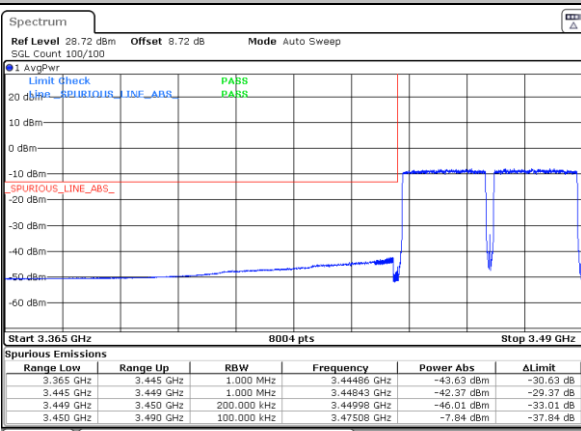


Date: 27 JUN 2023 02:10:17

Date: 27 JUN 2023 02:23:08

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2023 02:01:45

Date: 27 JUN 2023 02:14:36

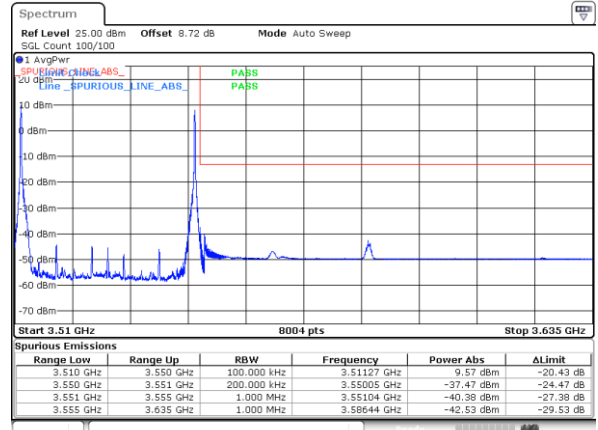
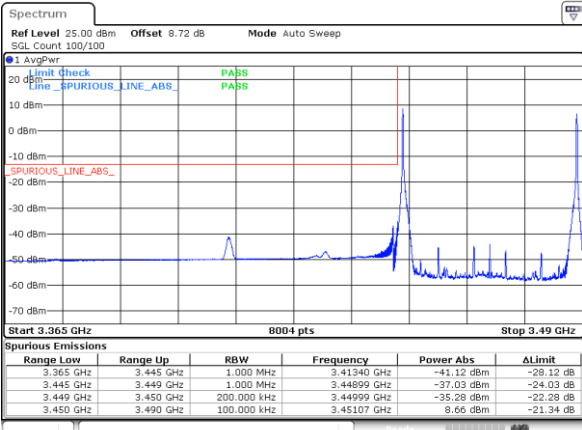


LTE Band 42C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

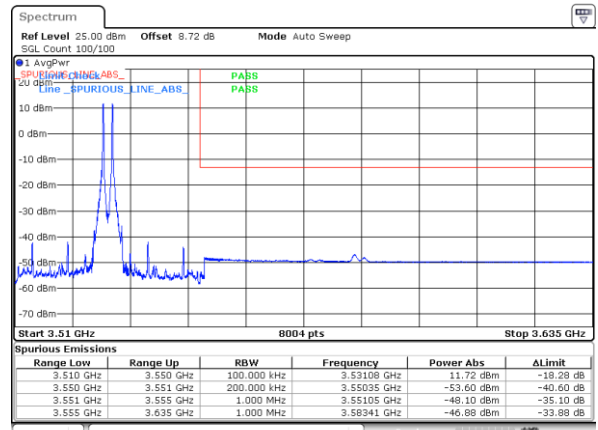
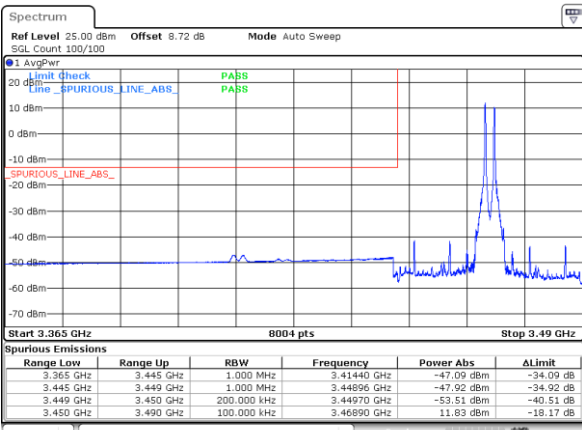


Date: 21.JUL.2023 20:52:03

Date: 21.JUL.2023 20:55:44

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

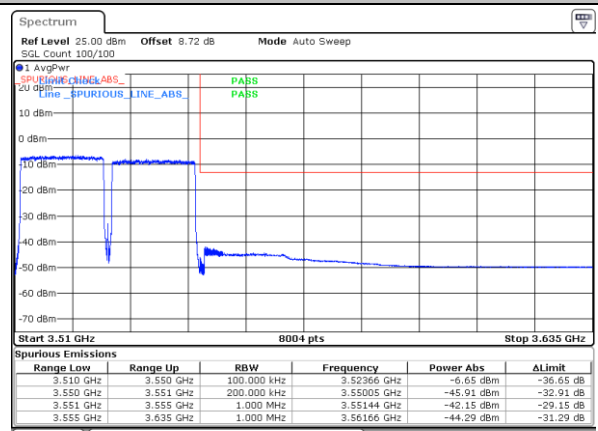
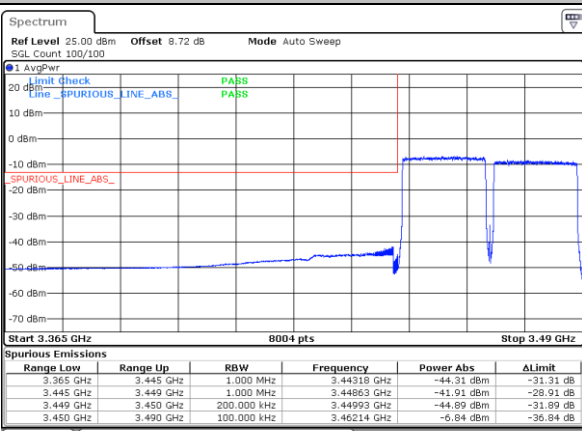


Date: 21.JUL.2023 20:50:49

Date: 21.JUL.2023 20:56:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21.JUL.2023 20:53:18

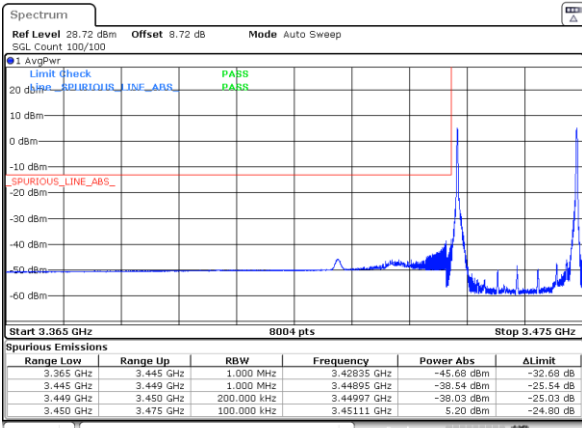
Date: 21.JUL.2023 20:58:59



LTE Band 42C / 20MHz+5MHz

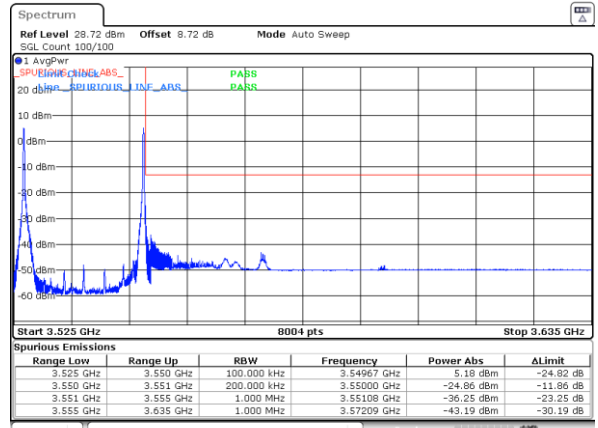
QPSK

Lowest Band Edge / 1RB0 and 1RB24



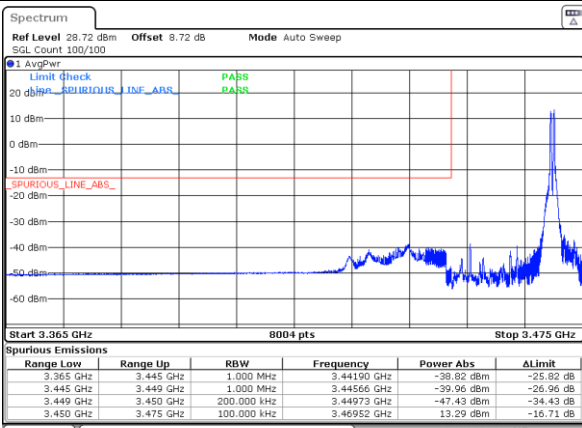
Date: 26 JUN 2023 23:52:00

Highest Band Edge / 1RB0 and 1RB24



Date: 27 JUN 2023 00:04:50

Lowest Band Edge / 1RB99 and 1RB0



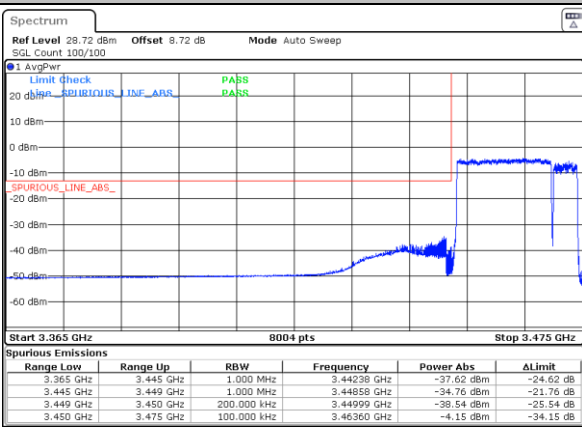
Date: 26 JUN 2023 23:53:25

Highest Band Edge / 1RB99 and 1RB0



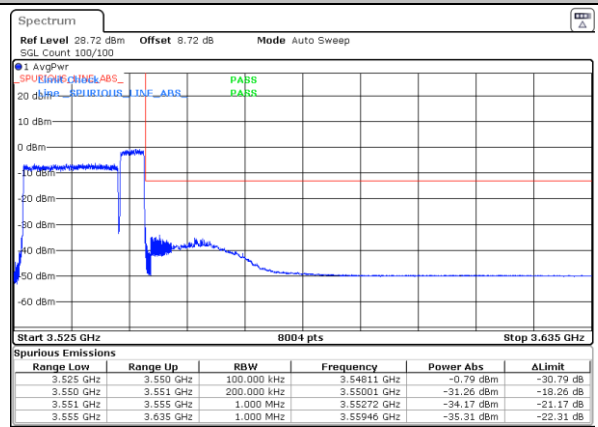
Date: 27 JUN 2023 00:06:15

Lowest Band Edge / Full RB



Date: 26 JUN 2023 23:44:53

Highest Band Edge / Full RB



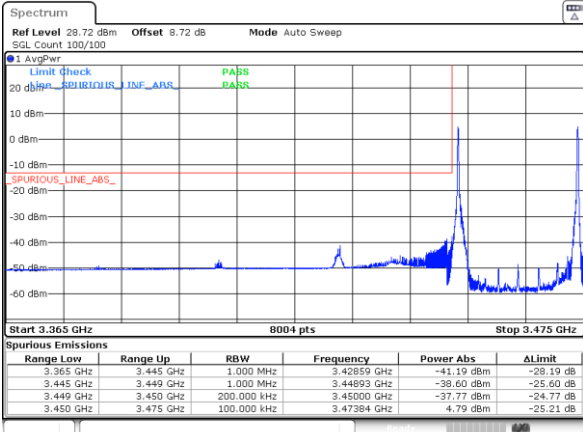
Date: 26 JUN 2023 23:57:44



LTE Band 42C / 20MHz+5MHz

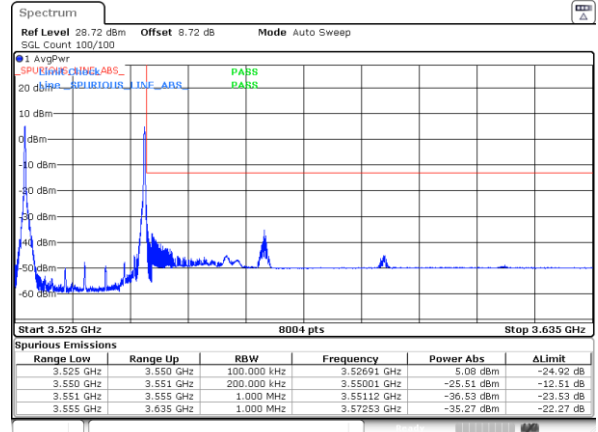
16QAM

Lowest Band Edge / 1RB0 and 1RB24



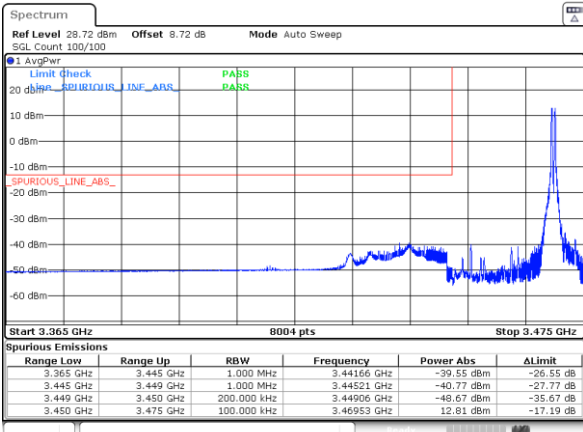
Date: 26 JUN 2023 23:50:35

Highest Band Edge / 1RB0 and 1RB24



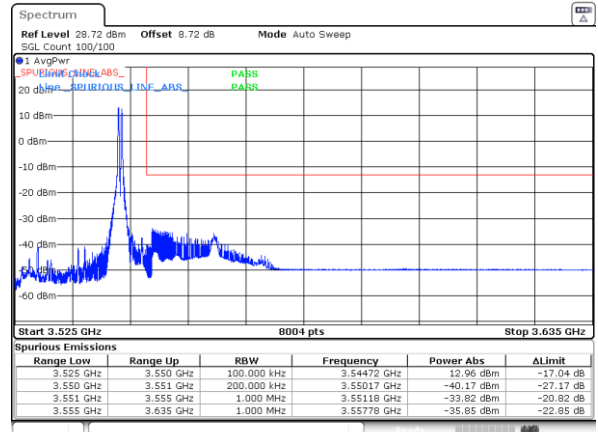
Date: 27 JUN 2023 00:03:25

Lowest Band Edge / 1RB99 and 1RB0



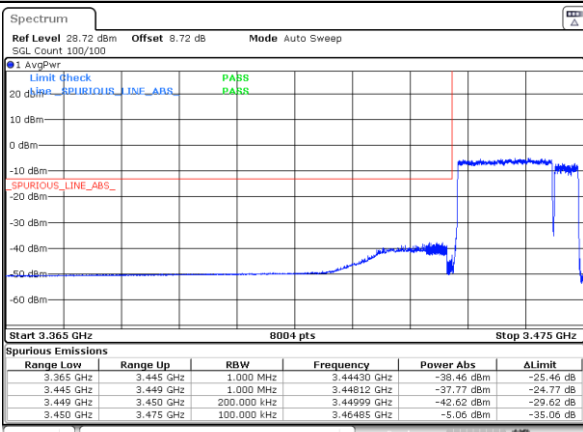
Date: 26 JUN 2023 23:54:50

Highest Band Edge / 1RB99 and 1RB0



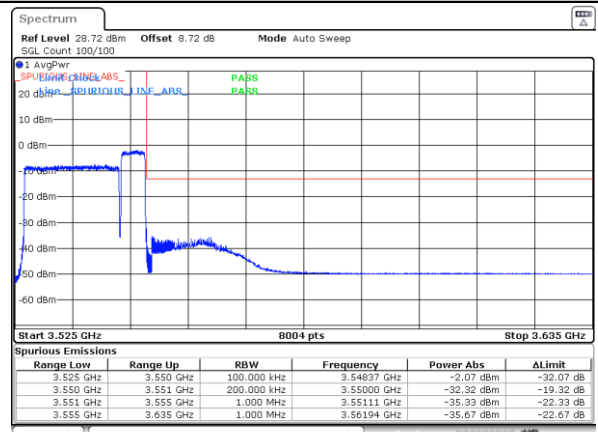
Date: 27 JUN 2023 00:07:40

Lowest Band Edge / Full RB



Date: 26 JUN 2023 23:46:19

Highest Band Edge / Full RB



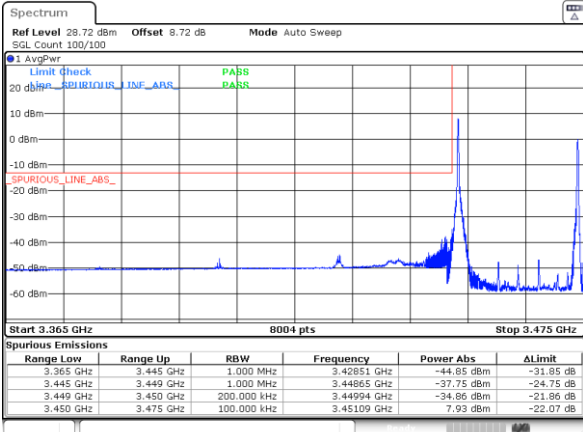
Date: 26 JUN 2023 23:59:09



LTE Band 42C / 20MHz+5MHz

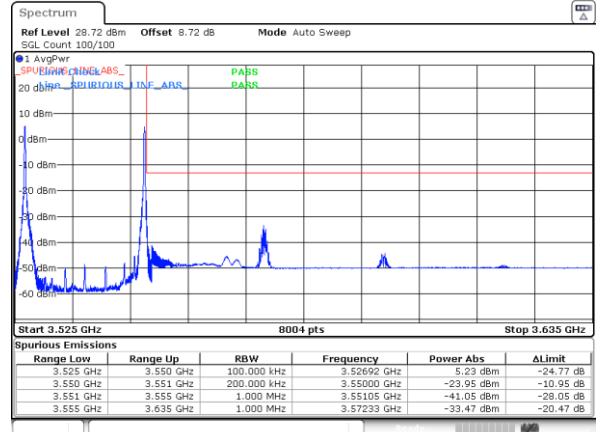
64QAM

Lowest Band Edge / 1RB0 and 1RB24



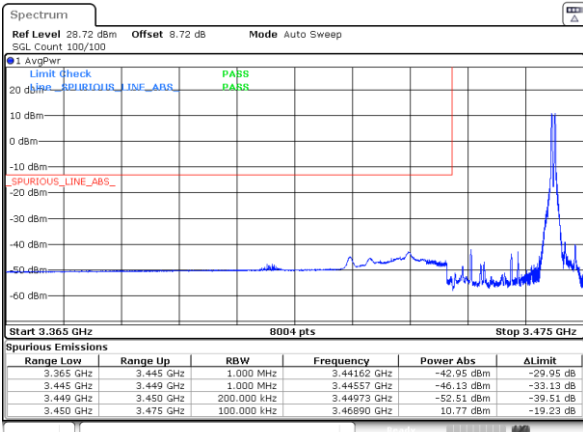
Date: 26 JUN 2023 23:49:09

Highest Band Edge / 1RB0 and 1RB24



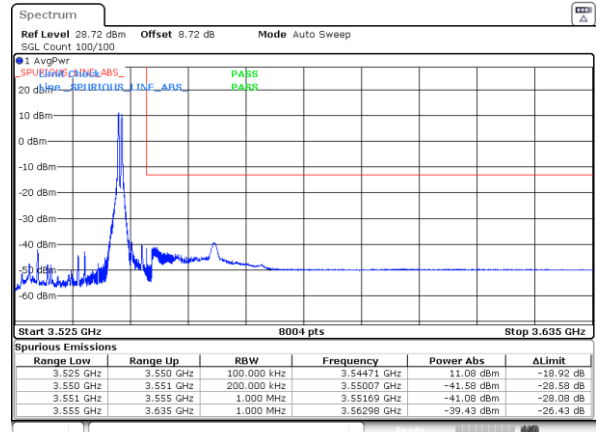
Date: 27 JUN 2023 00:02:00

Lowest Band Edge / 1RB99 and 1RB0



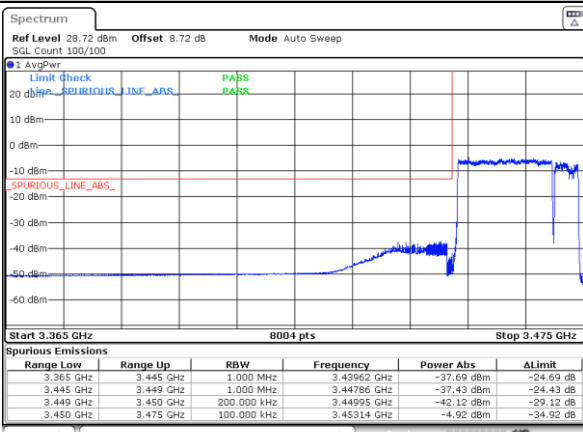
Date: 26 JUN 2023 23:56:15

Highest Band Edge / 1RB99 and 1RB0



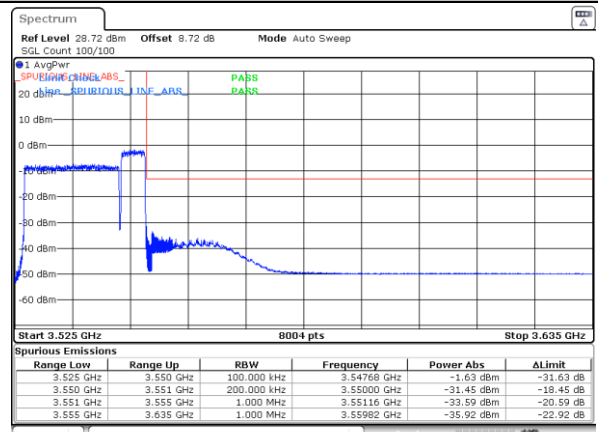
Date: 27 JUN 2023 00:09:05

Lowest Band Edge / Full RB



Date: 26 JUN 2023 23:47:44

Highest Band Edge / Full RB



Date: 27 JUN 2023 00:00:35

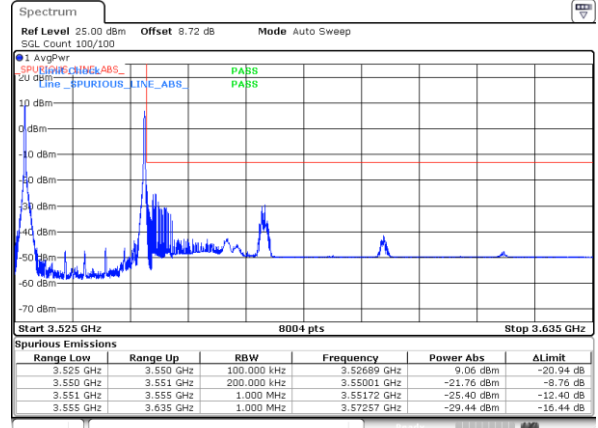
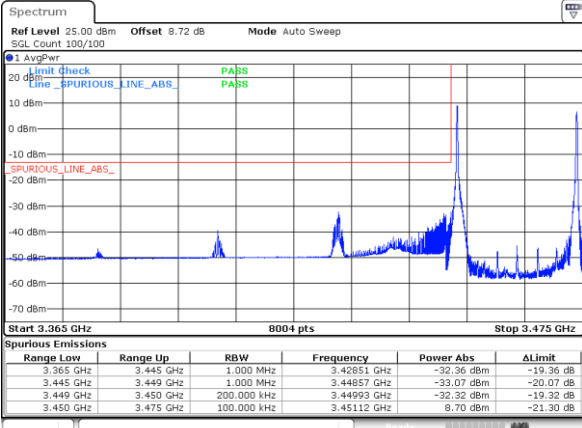


LTE Band 42C / 20MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

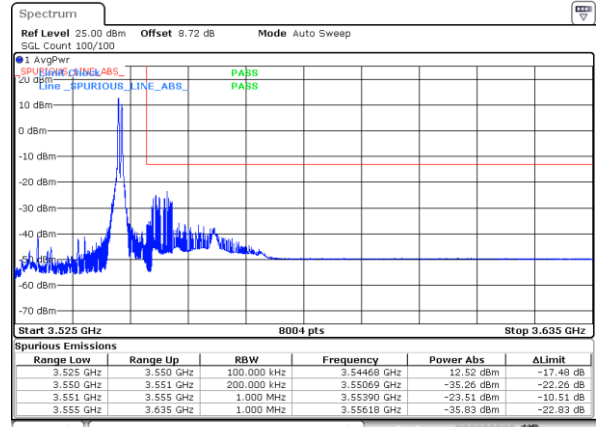
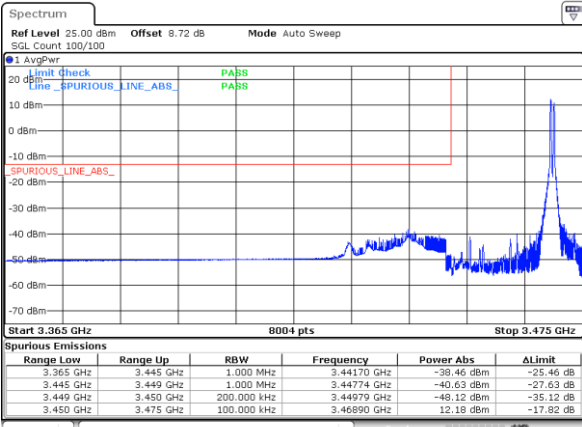


Date: 21.JUL.2023 20:30:43

Date: 21.JUL.2023 20:34:15

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

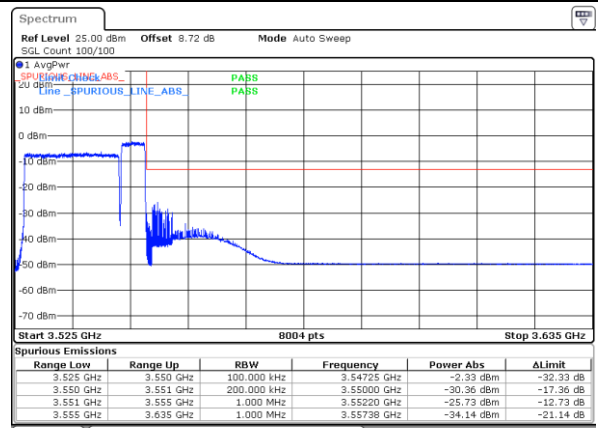
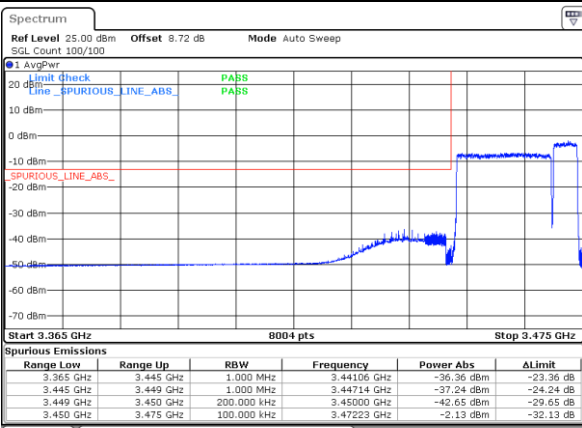


Date: 21.JUL.2023 20:29:34

Date: 21.JUL.2023 20:35:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21.JUL.2023 20:31:52

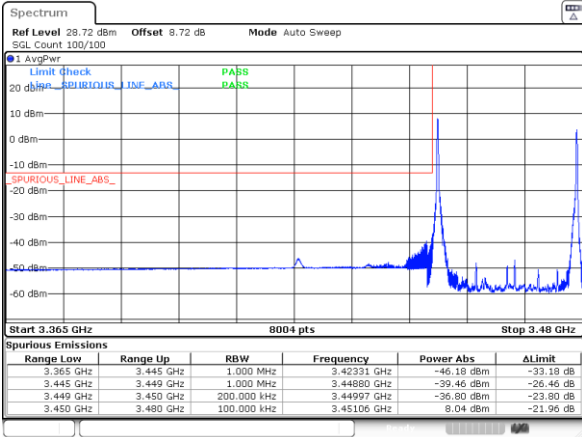
Date: 21.JUL.2023 20:33:06



LTE Band 42C / 20MHz+10MHz

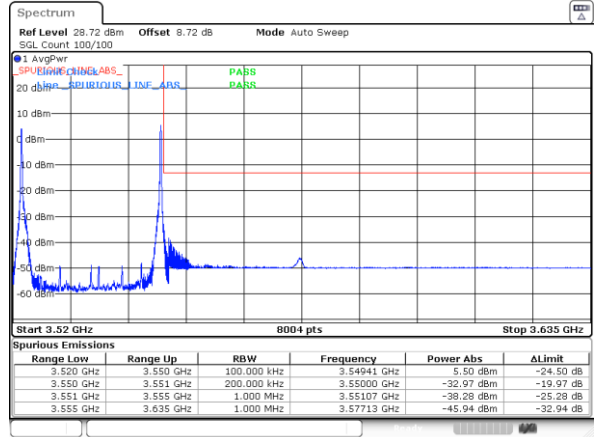
QPSK

Lowest Band Edge / 1RB0 and 1RB49



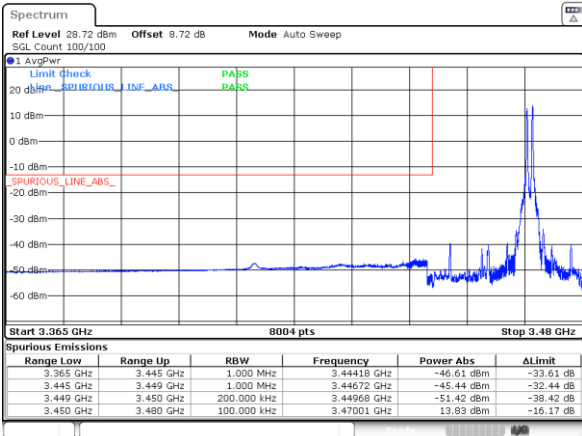
Date: 27 JUN 2023 00:43:25

Highest Band Edge / 1RB0 and 1RB49



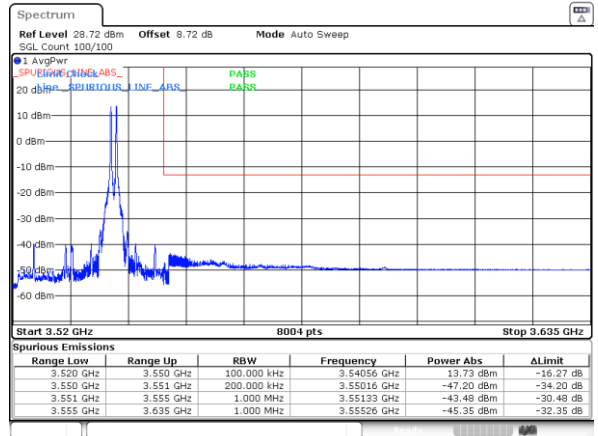
Date: 27 JUN 2023 00:56:16

Lowest Band Edge / 1RB99 and 1RB0



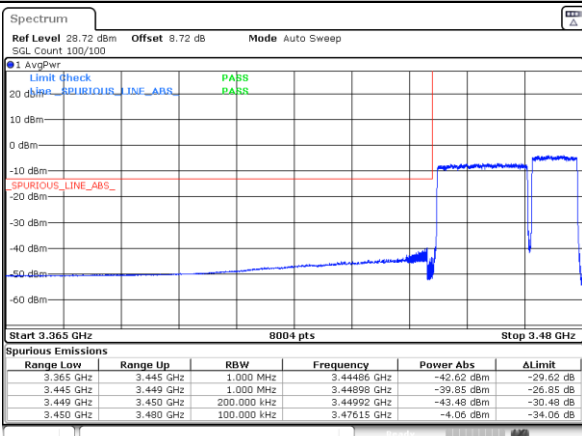
Date: 27 JUN 2023 00:44:51

Highest Band Edge / 1RB99 and 1RB0



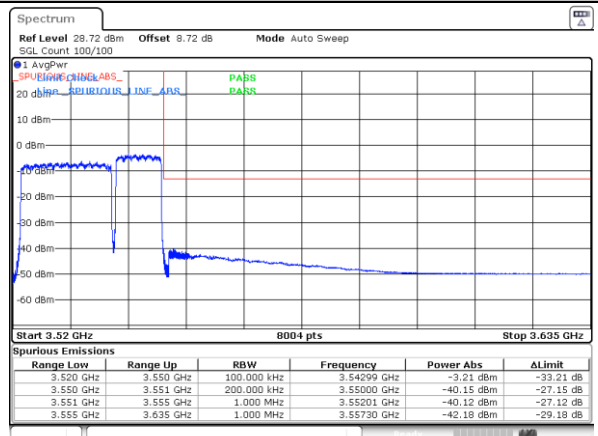
Date: 27 JUN 2023 00:57:41

Lowest Band Edge / Full RB



Date: 27 JUN 2023 03:27:34

Highest Band Edge / Full RB



Date: 27 JUN 2023 00:49:10

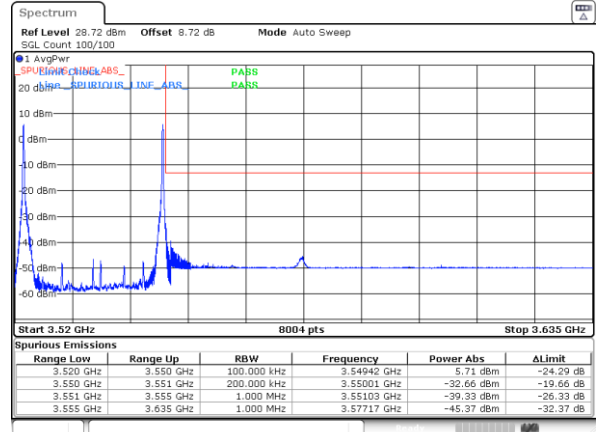
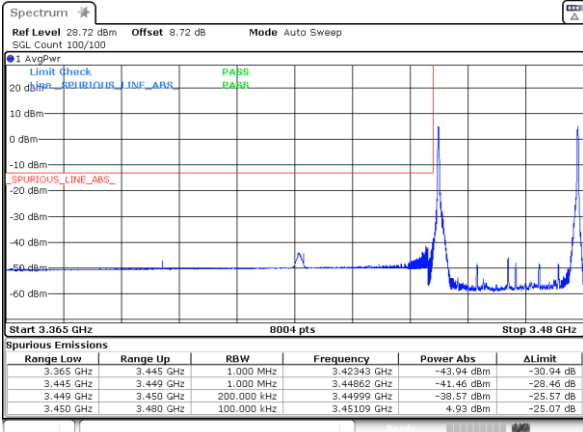


LTE Band 42C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

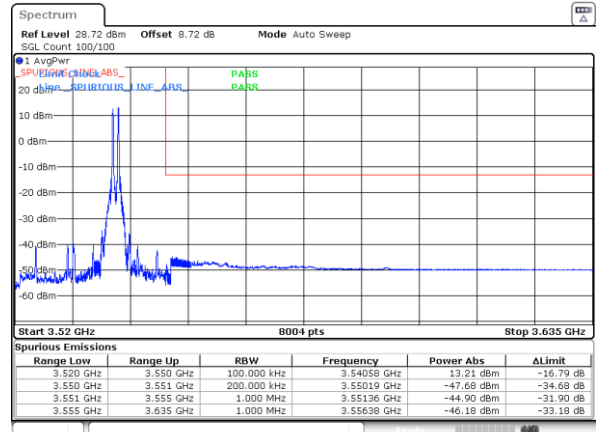
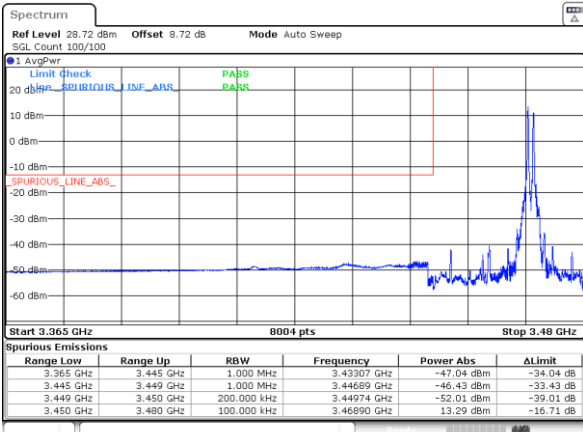


Date: 27_JUN,2023 03:26:15

Date: 27_JUN,2023 00:54:51

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

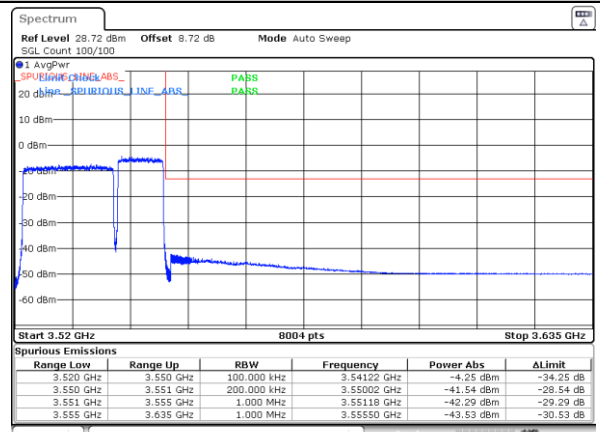
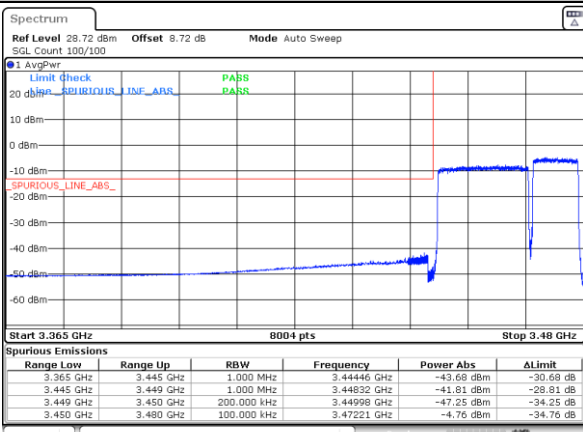


Date: 27_JUN,2023 00:46:16

Date: 27_JUN,2023 00:59:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27_JUN,2023 03:28:29

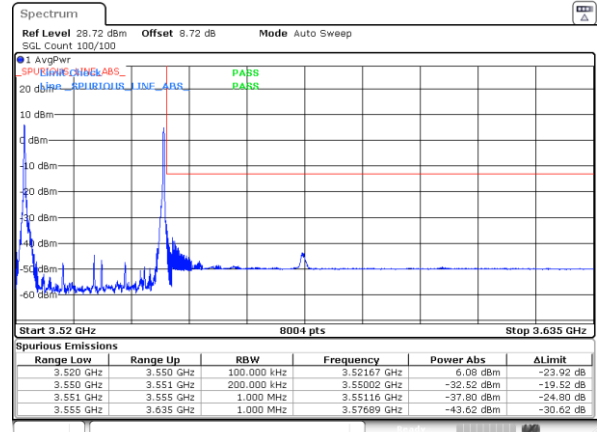
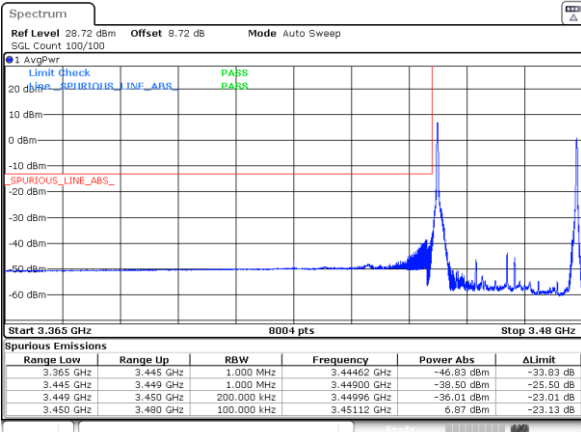
Date: 27_JUN,2023 00:50:35

LTE Band 42C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

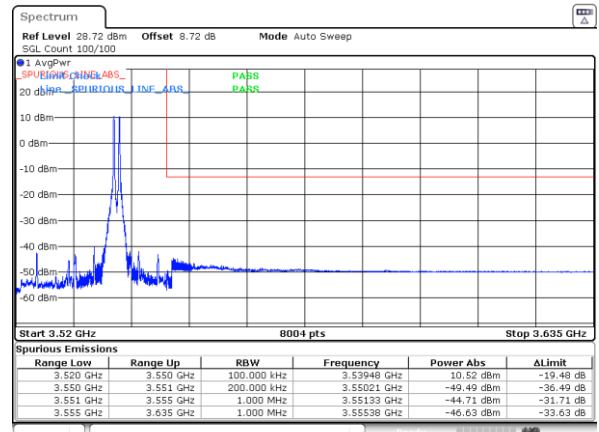
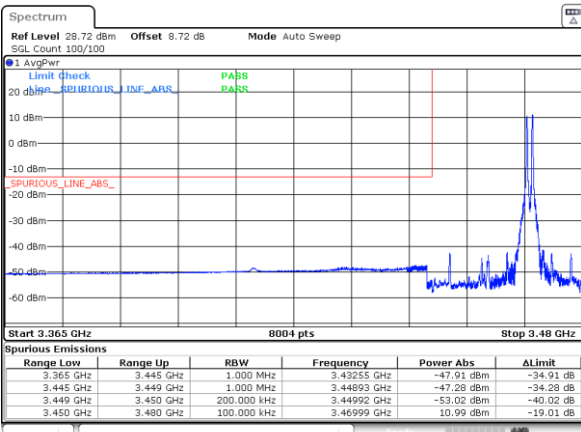


Date: 27 JUN 2023 00:40:36

Date: 27 JUN 2023 00:53:26

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

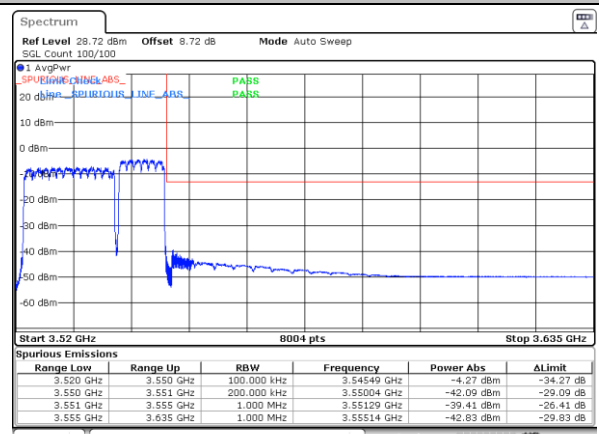
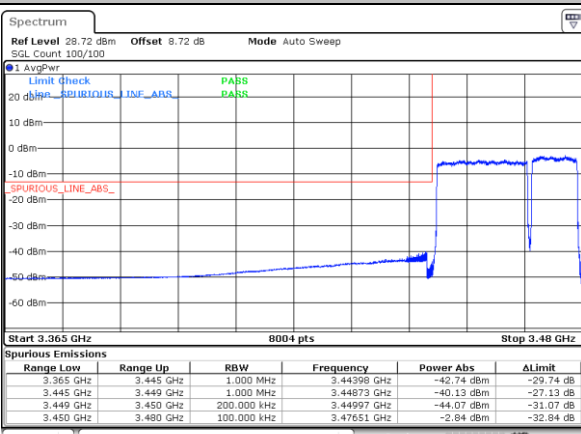


Date: 27 JUN 2023 00:47:41

Date: 27 JUN 2023 01:00:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2023 21:51:18

Date: 27 JUN 2023 00:52:00

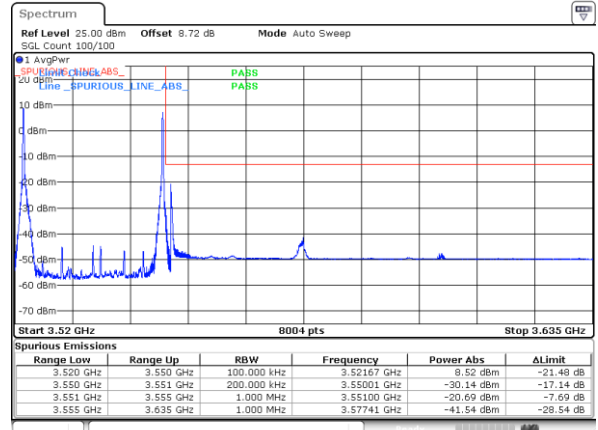
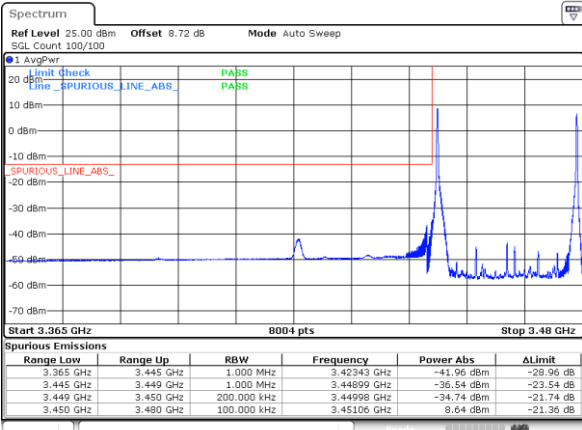


LTE Band 42C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

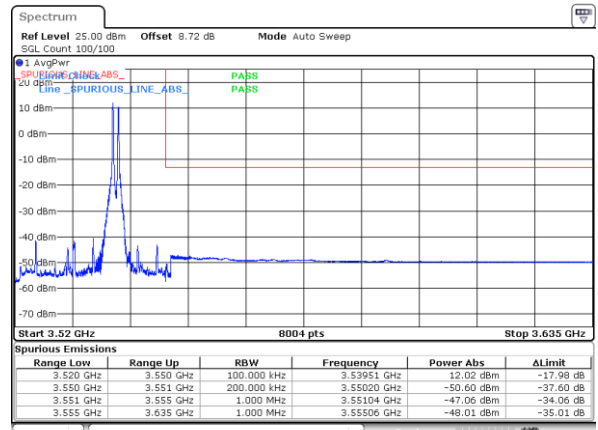
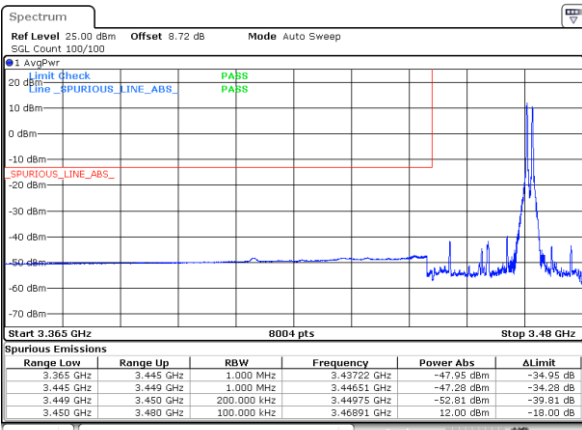


Date: 21.JUL.2023 20:37:46

Date: 21.JUL.2023 20:41:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

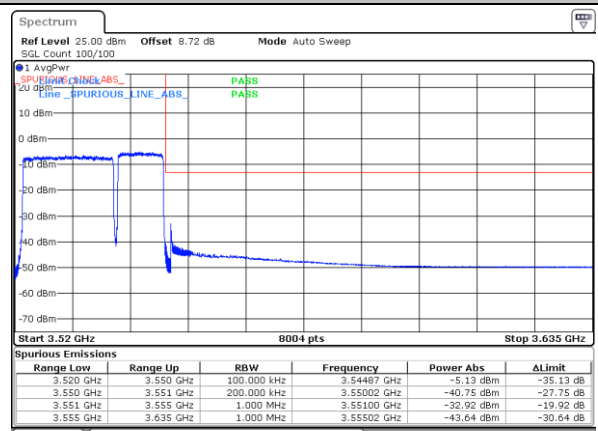
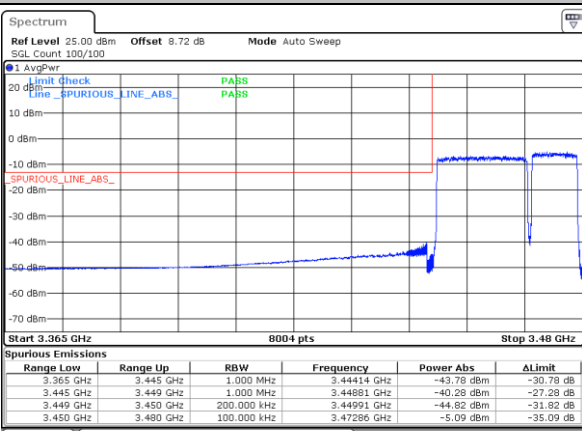


Date: 21.JUL.2023 20:36:38

Date: 21.JUL.2023 20:42:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 21.JUL.2023 20:38:55

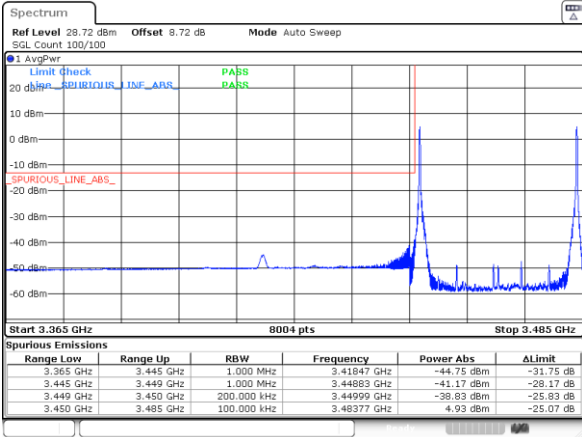
Date: 21.JUL.2023 20:40:10



LTE Band 42C / 20MHz+15MHz

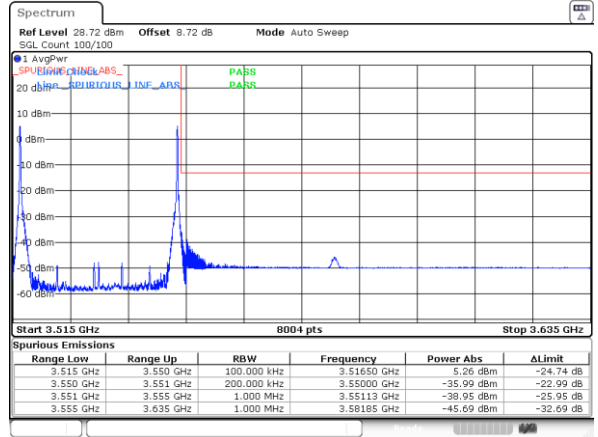
QPSK

Lowest Band Edge / 1RB0 and 1RB74



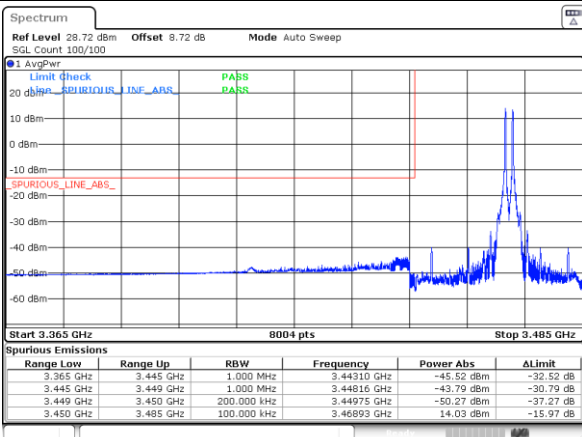
Date: 27 JUN 2023 01:40:19

Highest Band Edge / 1RB0 and 1RB74



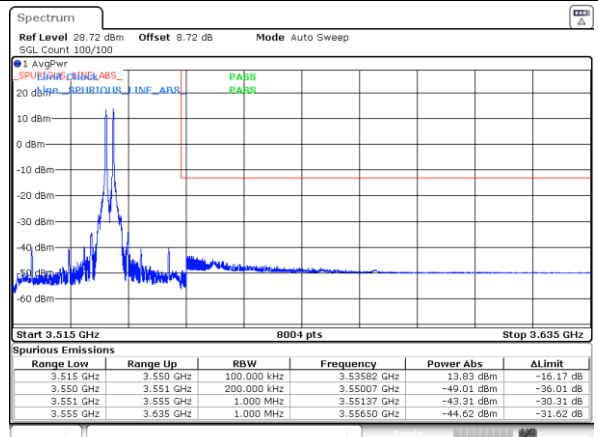
Date: 27 JUN 2023 01:53:09

Lowest Band Edge / 1RB99 and 1RB0



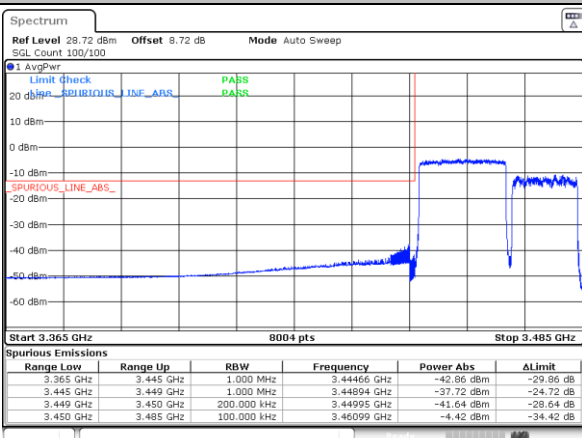
Date: 27 JUN 2023 01:41:43

Highest Band Edge / 1RB99 and 1RB0



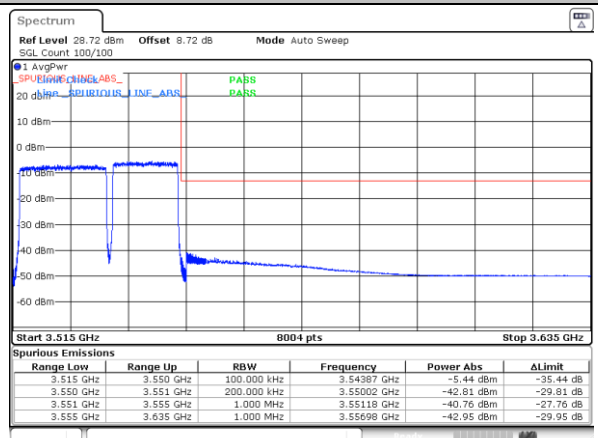
Date: 27 JUN 2023 01:54:34

Lowest Band Edge / Full RB



Date: 27 JUN 2023 01:33:13

Highest Band Edge / Full RB



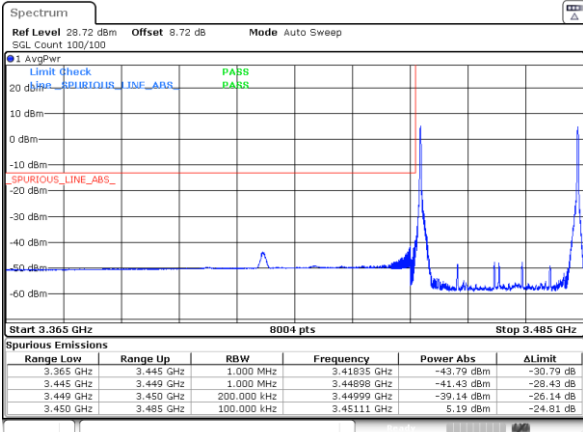
Date: 27 JUN 2023 01:46:02



LTE Band 42C / 20MHz+15MHz

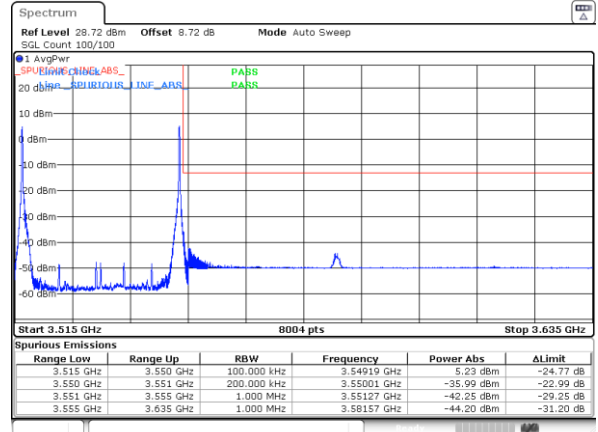
16QAM

Lowest Band Edge / 1RB0 and 1RB74



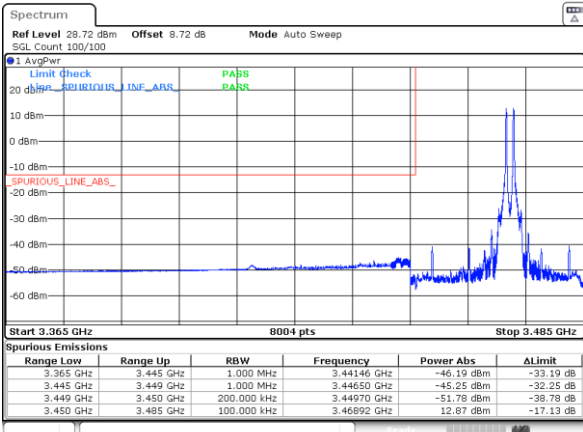
Date: 27 JUN 2023 01:38:54

Highest Band Edge / 1RB0 and 1RB74



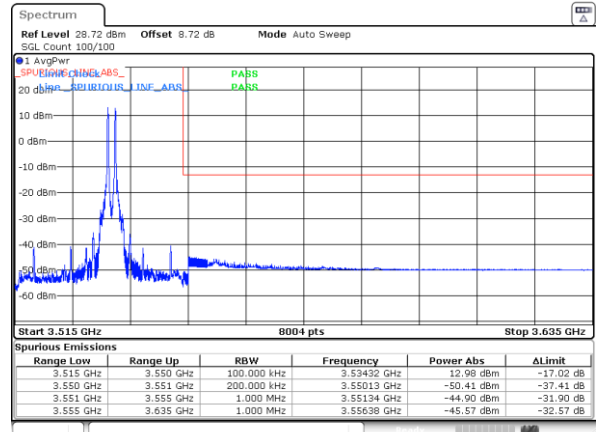
Date: 27 JUN 2023 01:51:44

Lowest Band Edge / 1RB99 and 1RB0



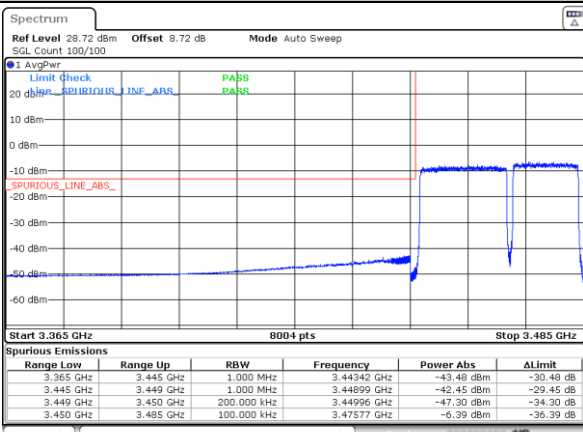
Date: 27 JUN 2023 01:43:08

Highest Band Edge / 1RB99 and 1RB0



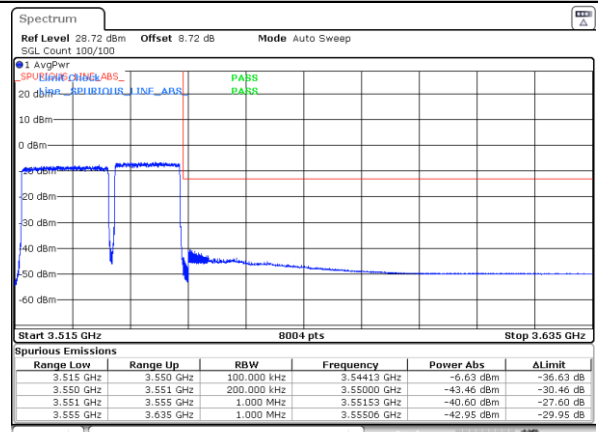
Date: 27 JUN 2023 01:55:59

Lowest Band Edge / Full RB



Date: 27 JUN 2023 01:34:39

Highest Band Edge / Full RB



Date: 27 JUN 2023 01:47:28

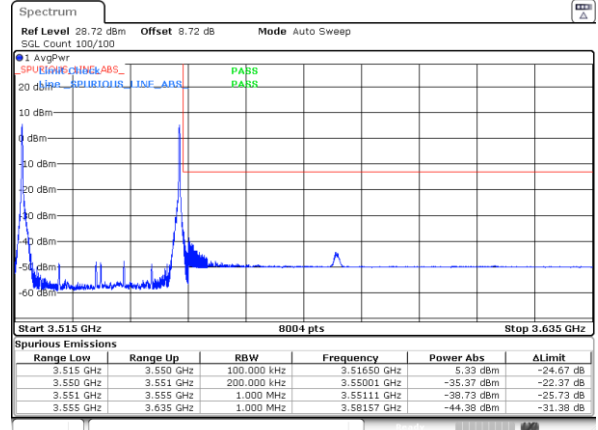
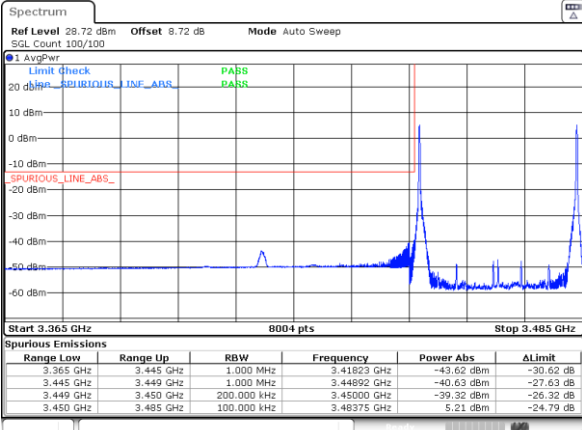


LTE Band 42C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

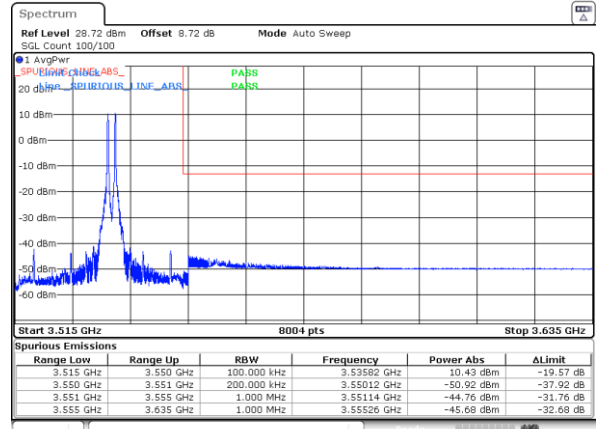
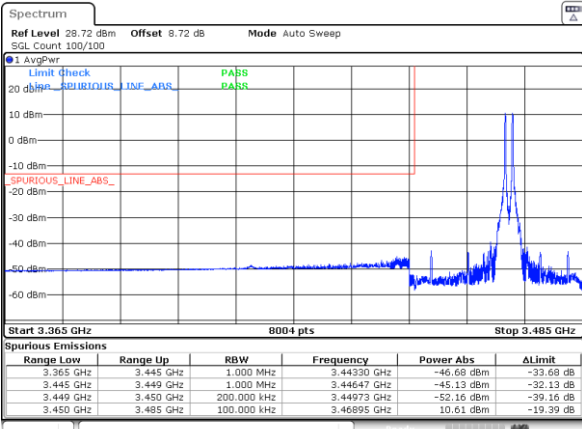


Date: 27 JUN 2023 01:37:29

Date: 27 JUN 2023 01:50:19

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

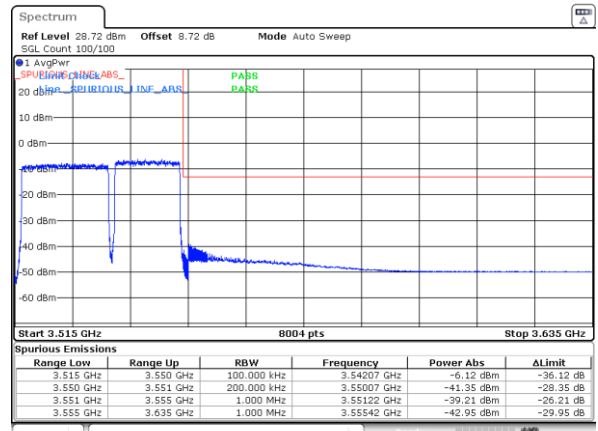
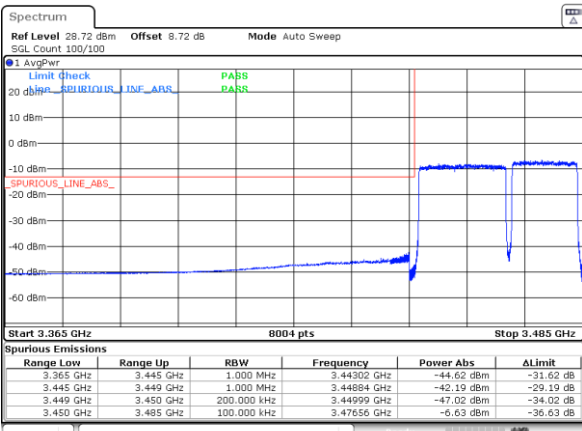


Date: 27 JUN 2023 01:44:33

Date: 27 JUN 2023 01:57:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27 JUN 2023 01:36:04

Date: 27 JUN 2023 01:48:53

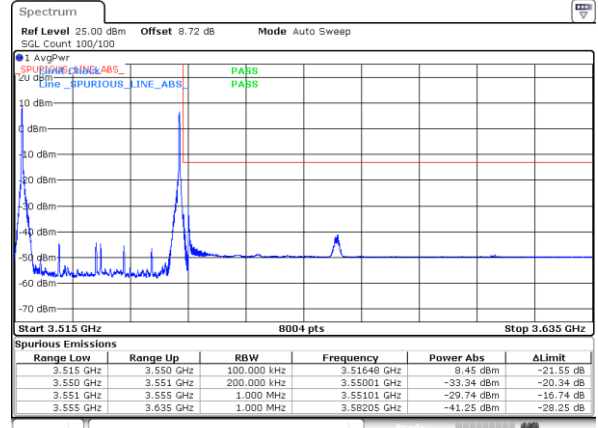
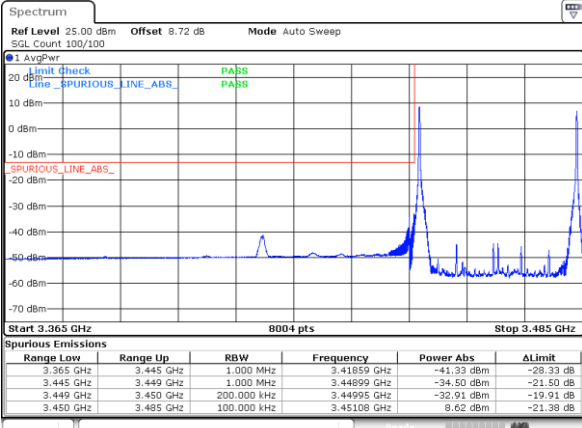


LTE Band 42C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

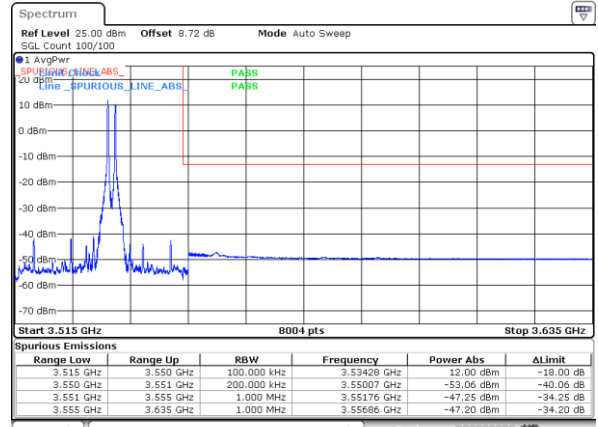
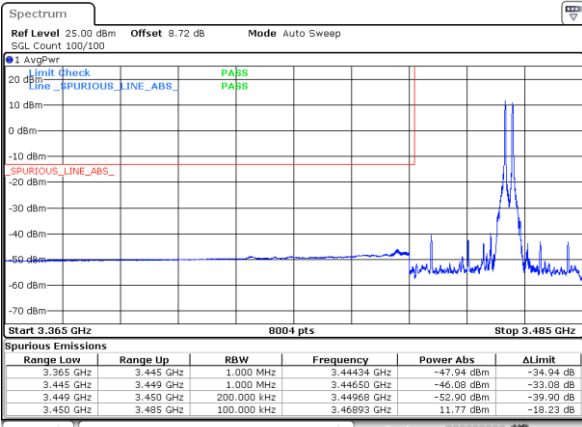


Date: 21.JUL.2023 20:44:51

Date: 21.JUL.2023 20:48:21

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

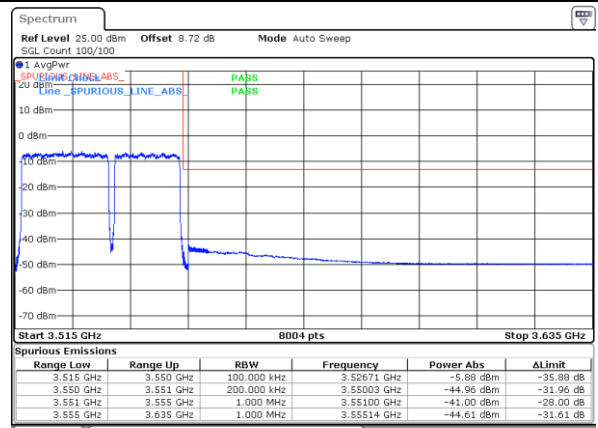
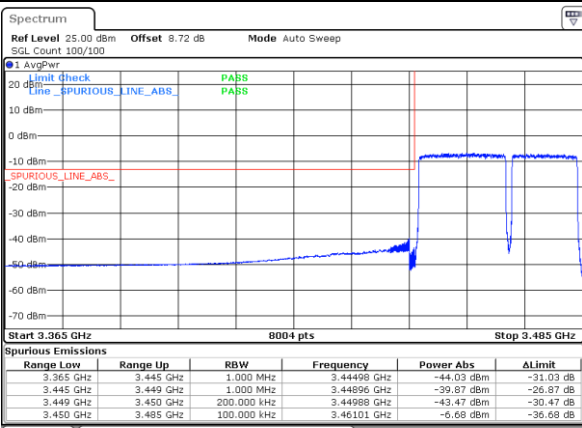


Date: 21.JUL.2023 20:43:43

Date: 21.JUL.2023 20:49:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



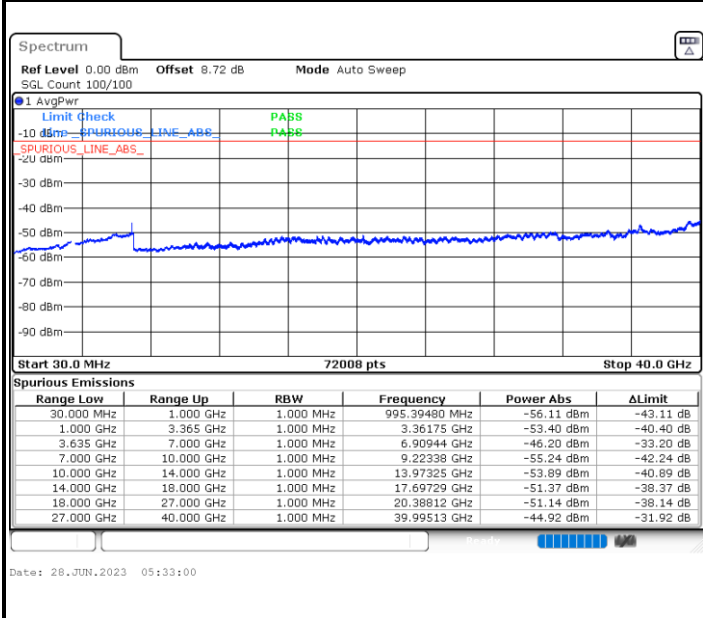
Date: 21.JUL.2023 20:46:00

Date: 21.JUL.2023 20:47:14

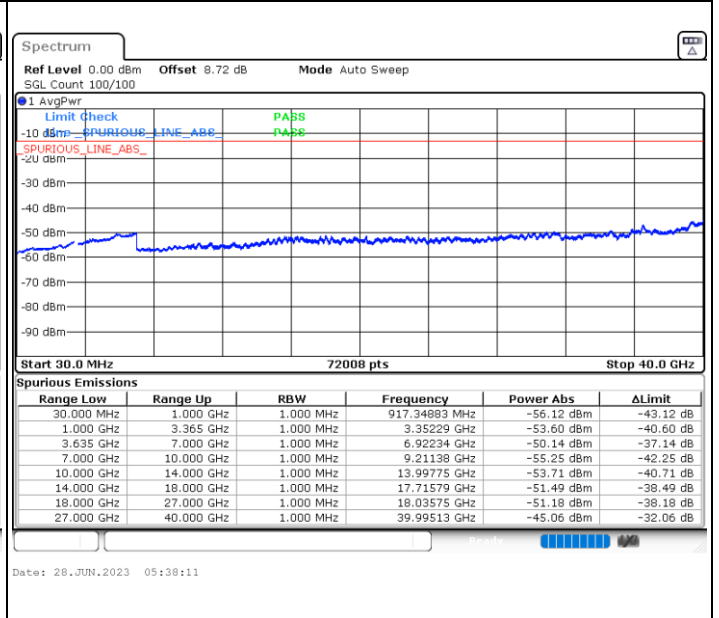


Conducted Spurious Emission

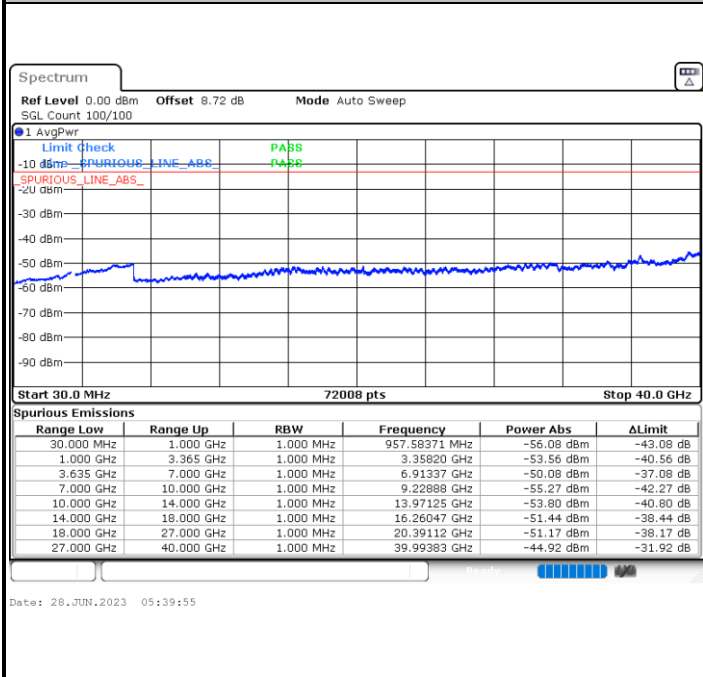
LTE Band 42C / 5MHz+20MHz QPSK Lowest Channel / 1RB24 and 1RB0

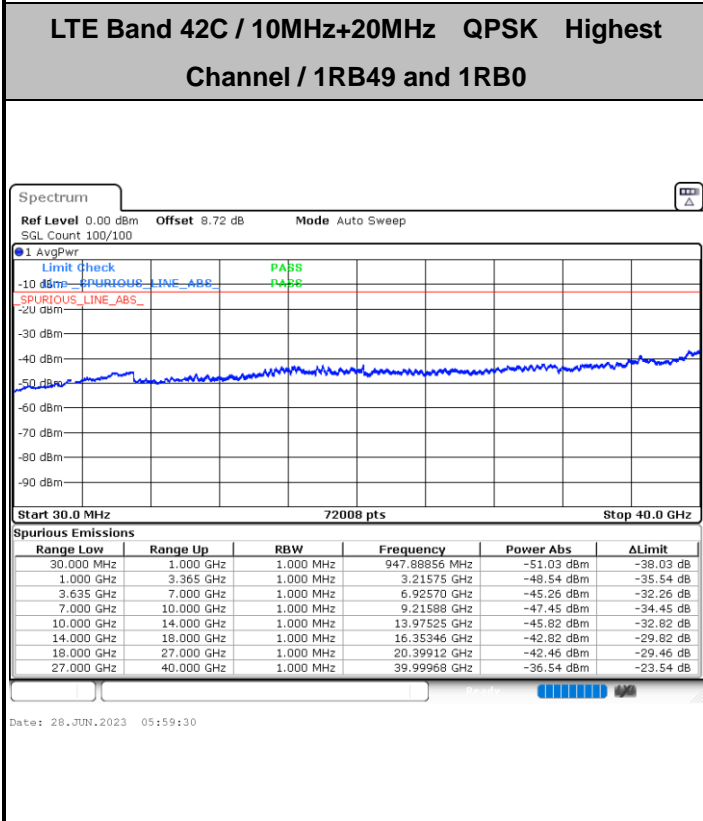
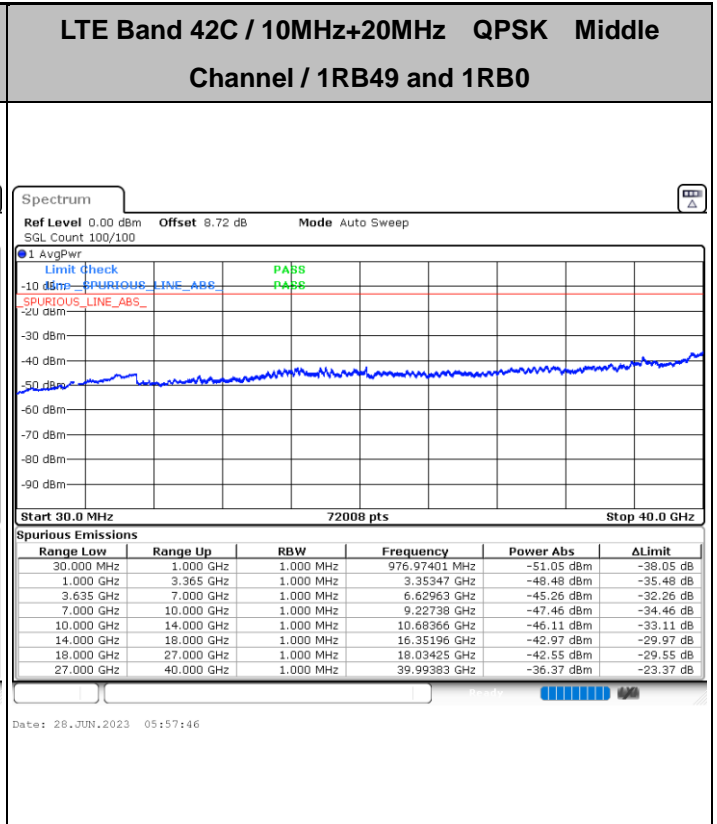
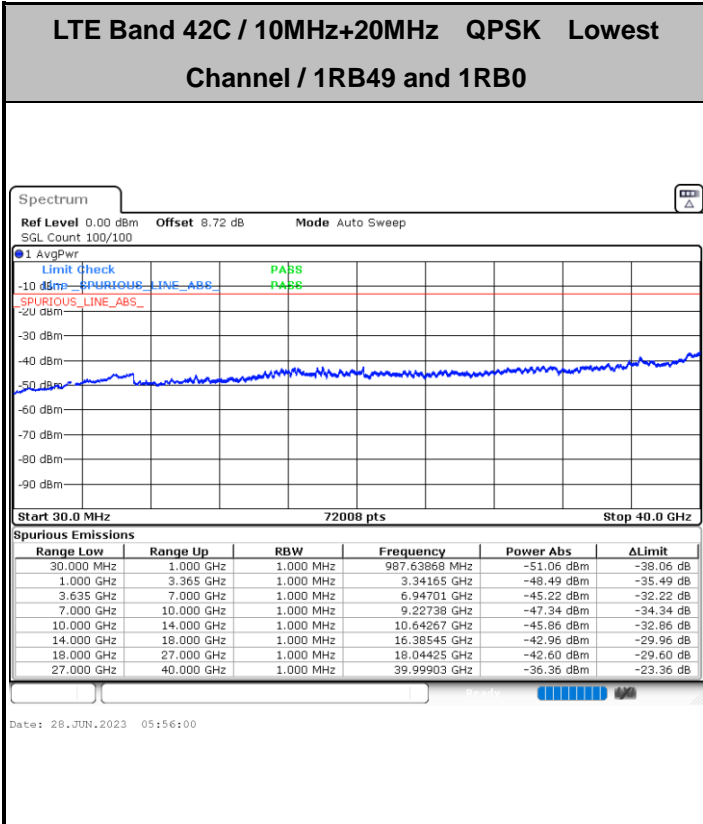


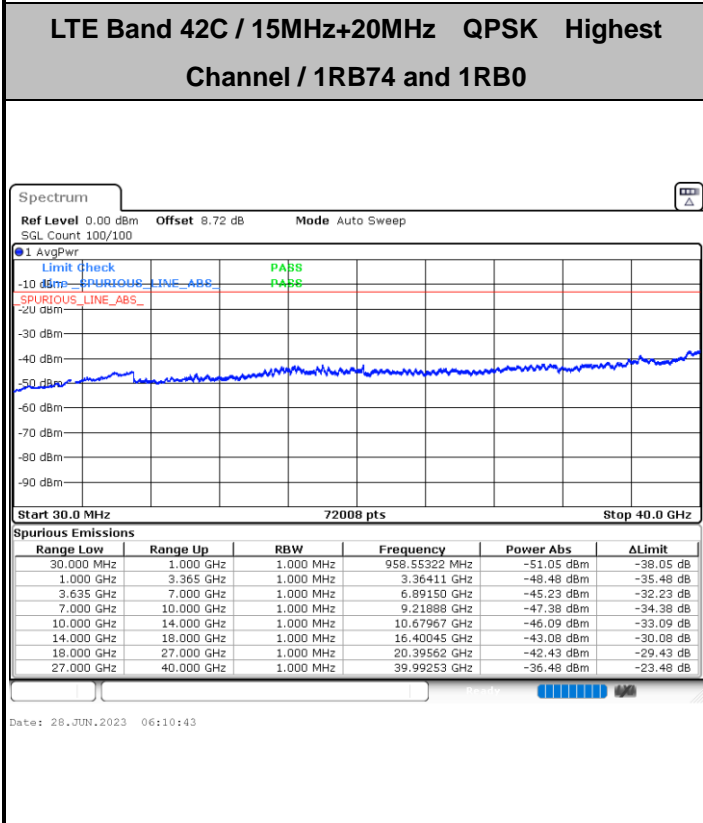
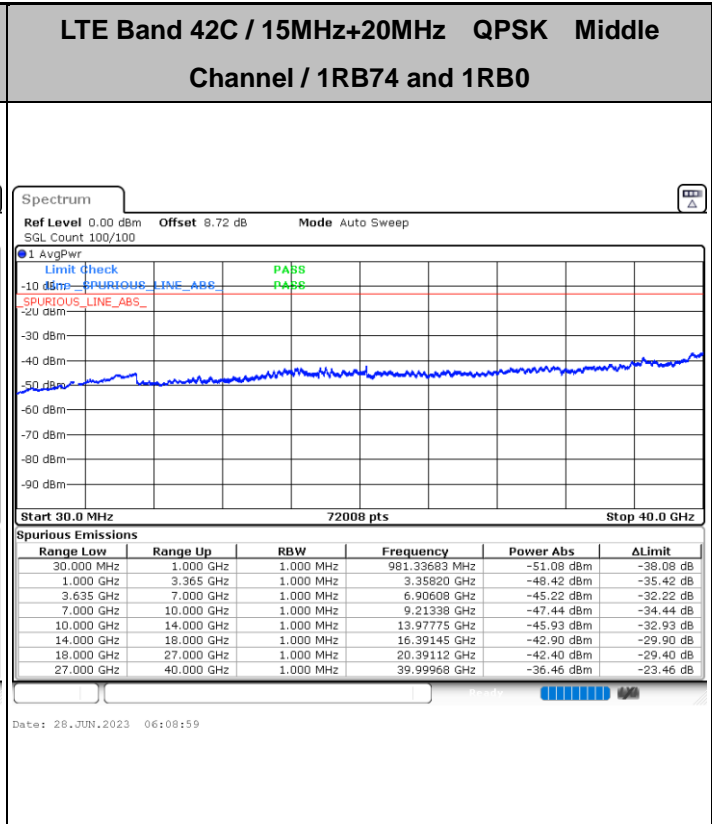
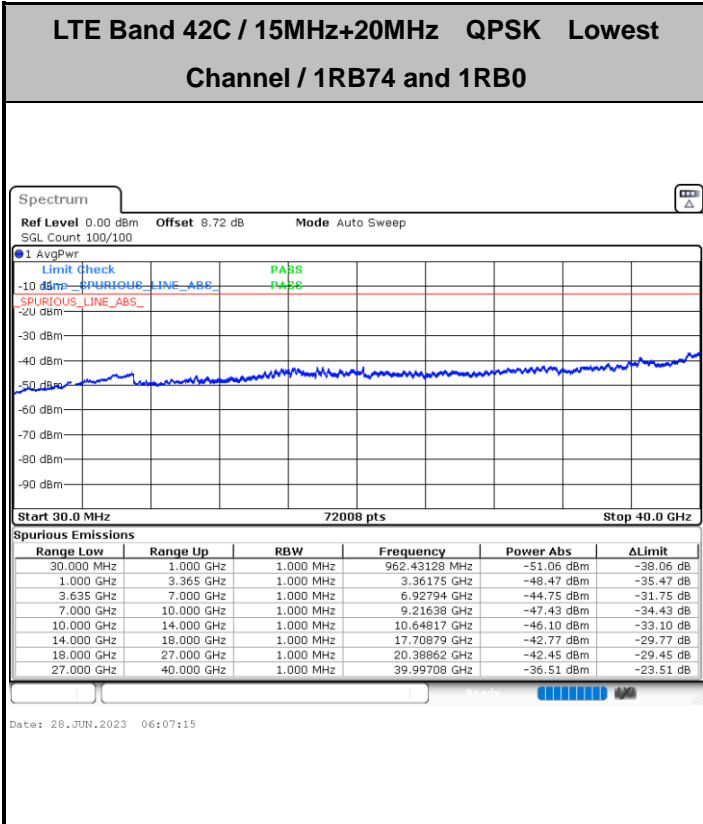
LTE Band 42C / 5MHz+20MHz QPSK Middle Channel / 1RB24 and 1RB0

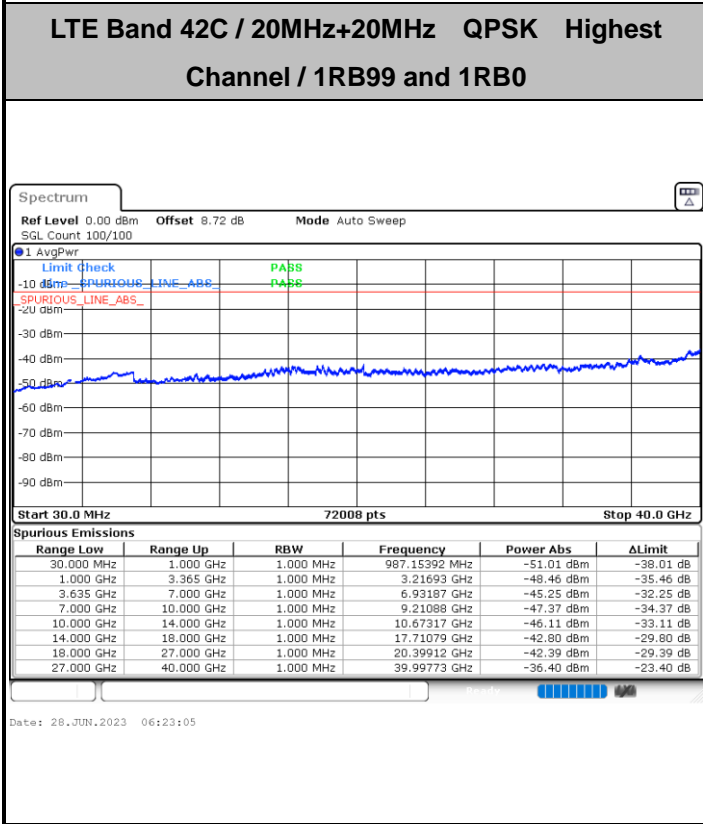
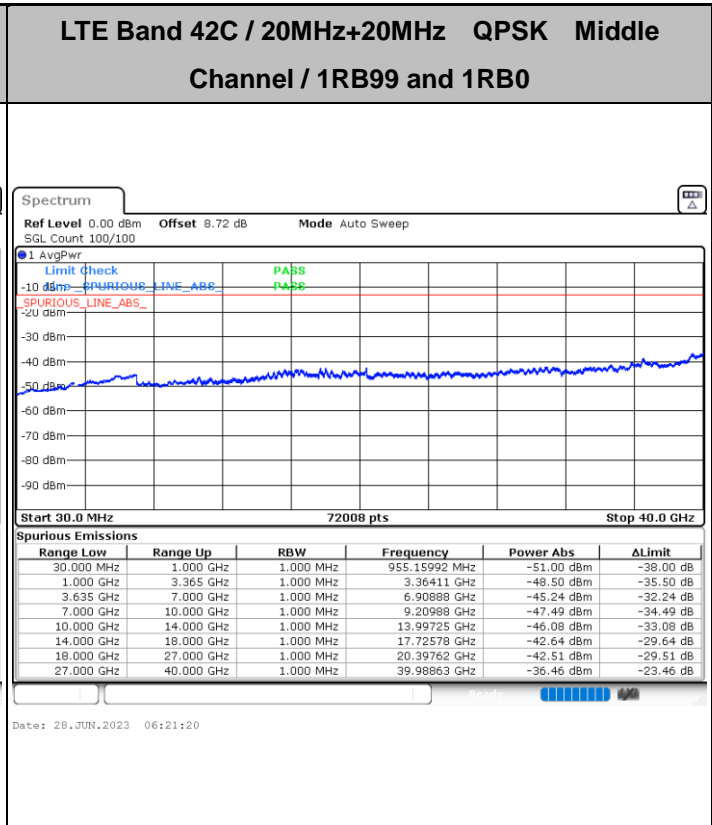
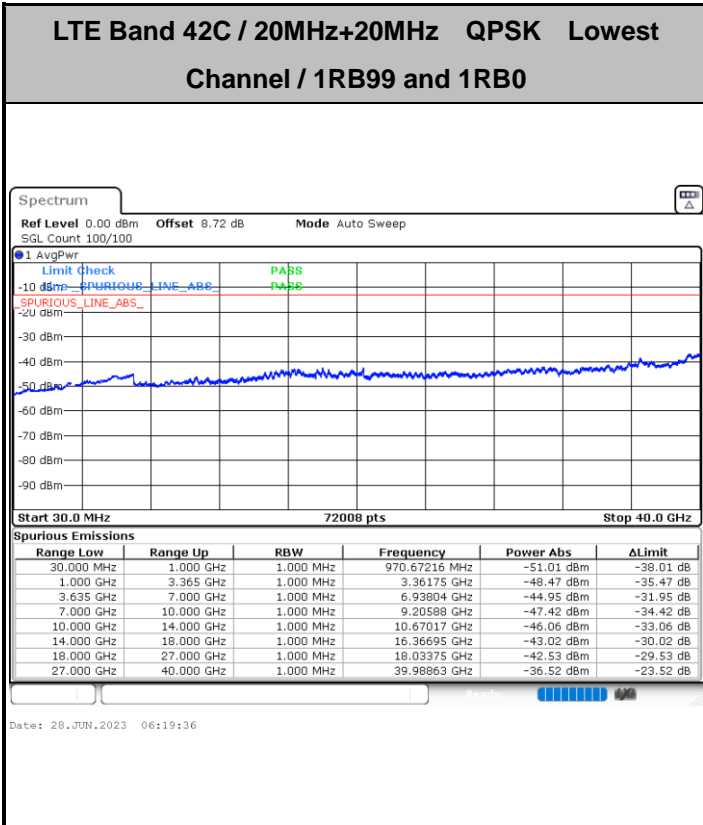


LTE Band 42C / 5MHz+20MHz QPSK Highest Channel / 1RB24 and 1RB0



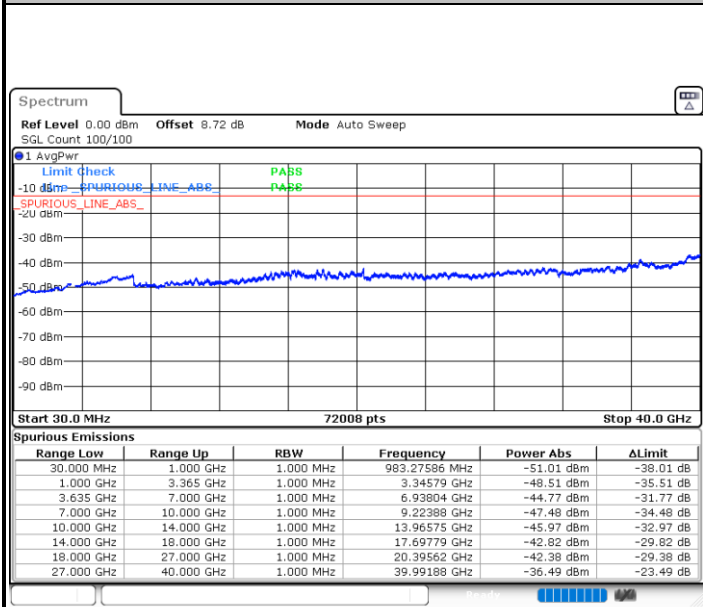






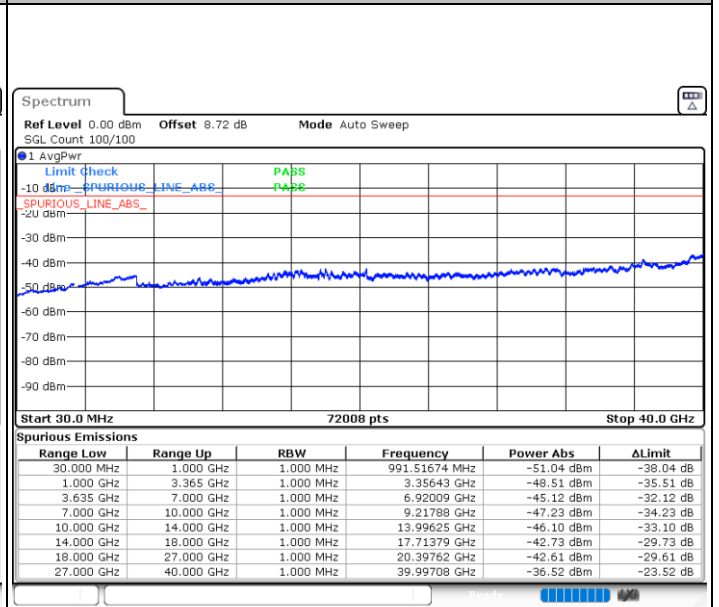


LTE Band 42C / 20MHz+5MHz QPSK Lowest Channel / 1RB99 and 1RB0



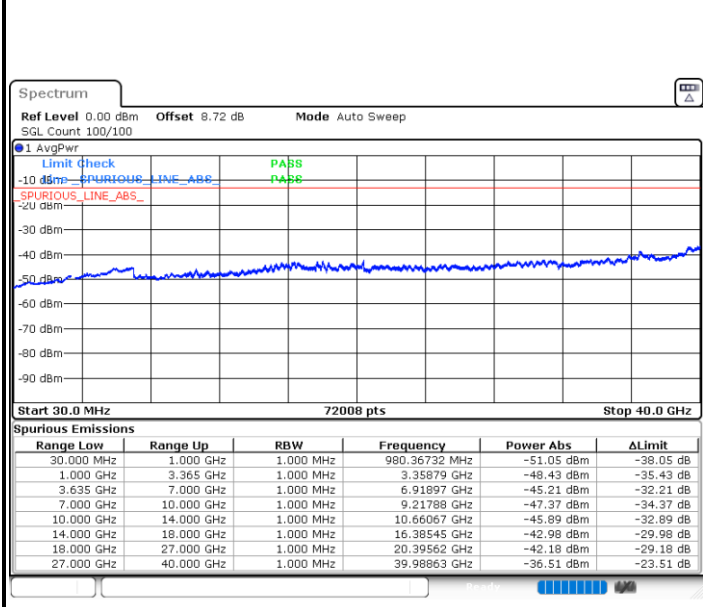
Date: 28.JUN.2023 05:41:41

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

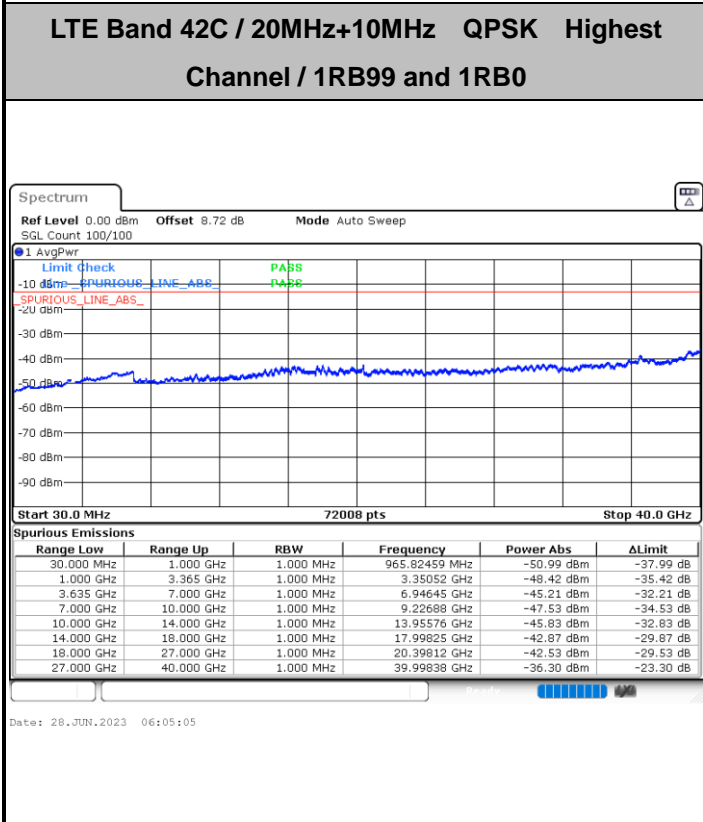
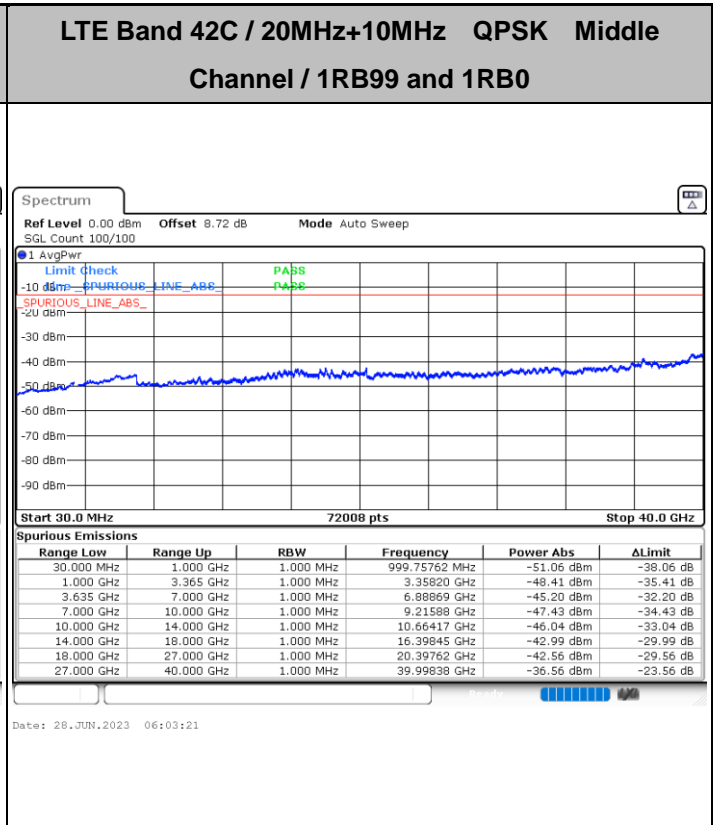
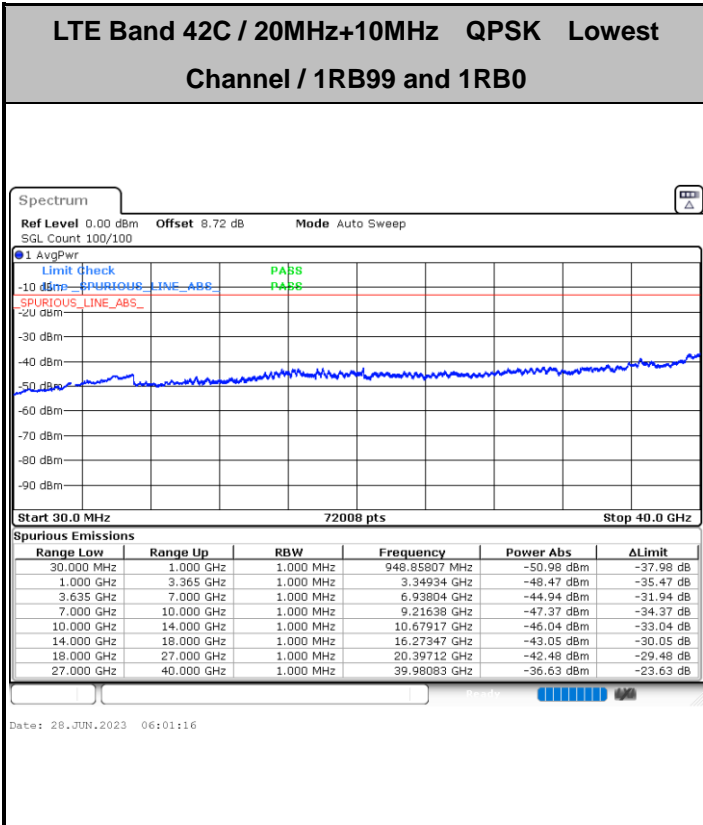


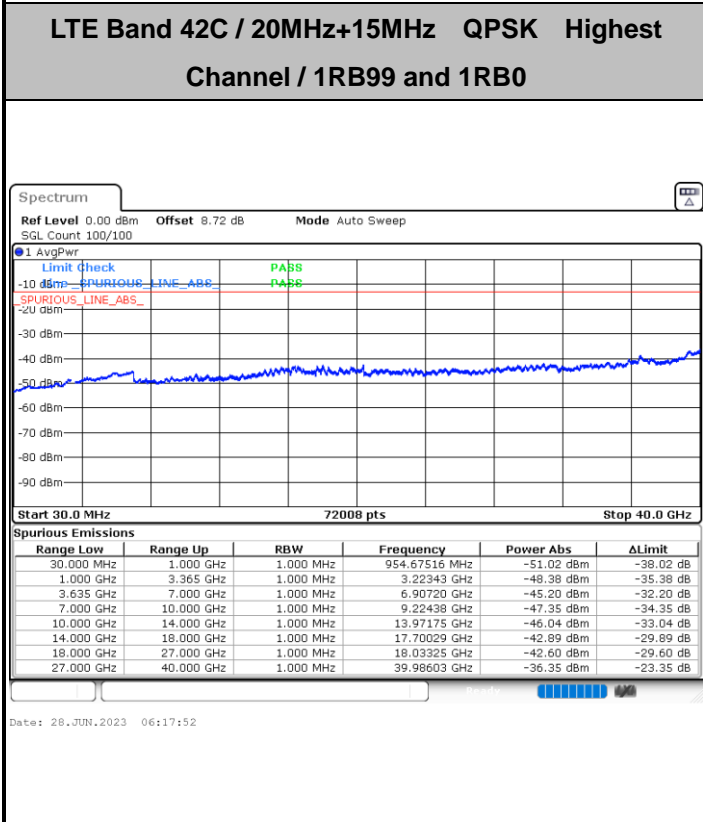
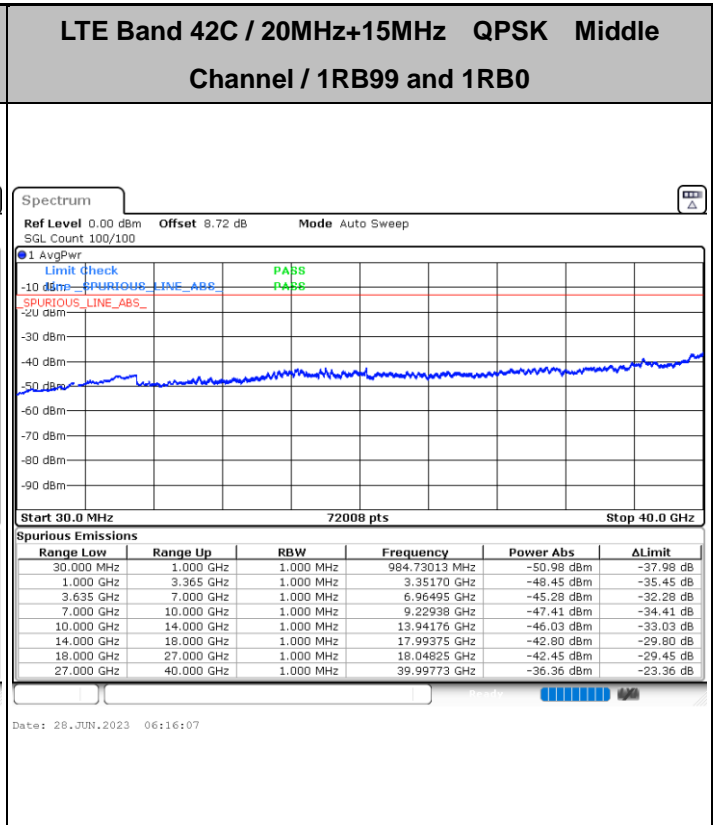
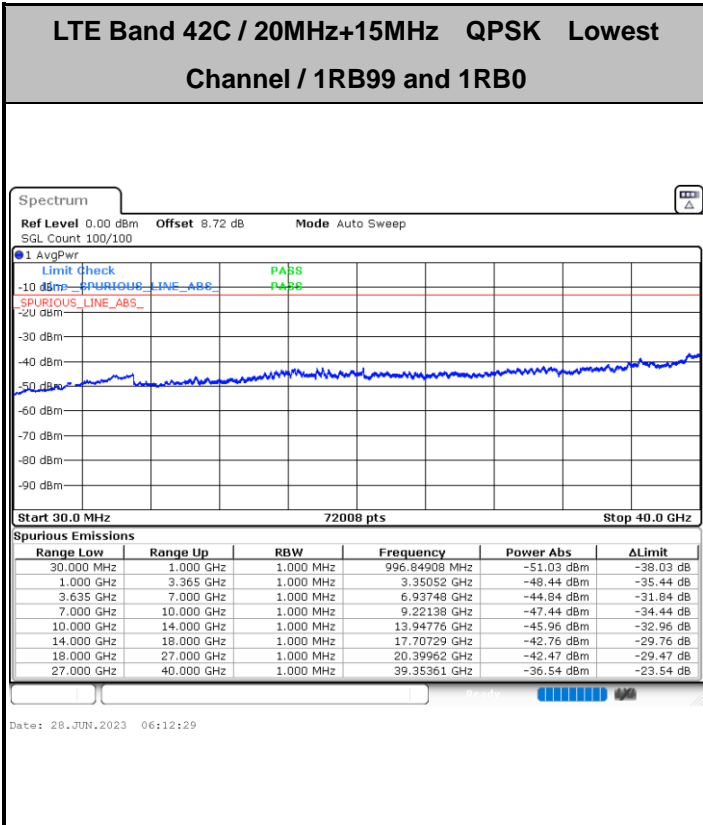
Date: 28.JUN.2023 05:52:04

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



Date: 28.JUN.2023 05:53:48







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	0.0017	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.5 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 :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported antennas, only the worst antenna perform final test and record in the report.

LTE Band 42 / 20MHz / QPSK (ANT8)								
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	-56.09	-13	-43.09	-66.30	3.03	13.24	H
	10476	-51.00	-13	-38.00	-60.45	3.56	13.01	H
	13968	-45.39	-13	-32.39	-54.91	3.92	13.44	H
	6984	-58.17	-13	-45.17	-68.38	3.03	13.24	V
	10476	-51.01	-13	-38.01	-60.46	3.56	13.01	V
	13968	-45.25	-13	-32.25	-54.77	3.92	13.44	V



LTE Band 42C_CA / 20MHz+20MHz / QPSK (ANT8)								
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)
Lowest	6804	-57.63	-13	-44.63	-67.84	3.03	13.24	H
	10200	-51.48	-13	-38.48	-60.93	3.56	13.01	H
	13608	-47.55	-13	-34.55	-57.07	3.92	13.44	H
	6840	-57.94	-13	-44.94	-68.15	3.03	13.24	H
	10260	-51.68	-13	-38.68	-61.13	3.56	13.01	H
	13680	-47.24	-13	-34.24	-56.76	3.92	13.44	H
	6804	-58.06	-13	-45.06	-68.27	3.03	13.24	V
	10200	-50.99	-13	-37.99	-60.44	3.56	13.01	V
	13608	-47.74	-13	-34.74	-57.26	3.92	13.44	V
	6840	-58.14	-13	-45.14	-68.35	3.03	13.24	V
	10260	-51.70	-13	-38.70	-61.15	3.56	13.01	V
13680	-47.15	-13	-34.15	-56.67	3.92	13.44	V	
Middle	6960	-57.90	-13	-44.90	-68.11	3.03	13.24	H
	10440	-51.46	-13	-38.46	-60.91	3.56	13.01	H
	13920	-45.30	-13	-32.30	-54.82	3.92	13.44	H
	6996	-58.12	-13	-45.12	-68.33	3.03	13.24	H
	10500	-52.02	-13	-39.02	-61.47	3.56	13.01	H
	14004	-45.33	-13	-32.33	-54.85	3.92	13.44	H
	6960	-57.57	-13	-44.57	-67.78	3.03	13.24	V
	10440	-50.90	-13	-37.90	-60.35	3.56	13.01	V
	13920	-45.01	-13	-32.01	-54.53	3.92	13.44	V
	6996	-57.70	-13	-44.70	-67.91	3.03	13.24	V
	10500	-51.18	-13	-38.18	-60.63	3.56	13.01	V
14004	-44.80	-13	-31.80	-54.32	3.92	13.44	V	
Highest	7128	-57.86	-13	-44.86	-68.07	3.03	13.24	H
	10680	-52.93	-13	-39.93	-62.38	3.56	13.01	H
	14244	-43.66	-13	-30.66	-53.18	3.92	13.44	H
	7164	-57.62	-13	-44.62	-67.83	3.03	13.24	H
	10740	-52.36	-13	-39.36	-61.81	3.56	13.01	H
	14328	-43.96	-13	-30.96	-53.48	3.92	13.44	H
	7128	-57.92	-13	-44.92	-68.13	3.03	13.24	V
	10680	-52.66	-13	-39.66	-62.11	3.56	13.01	V
	14244	-43.54	-13	-30.54	-53.06	3.92	13.44	V
	7164	-57.89	-13	-44.89	-68.10	3.03	13.24	V
	10740	-52.19	-13	-39.19	-61.64	3.56	13.01	V
14328	-43.51	-13	-30.51	-53.03	3.92	13.44	V	

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