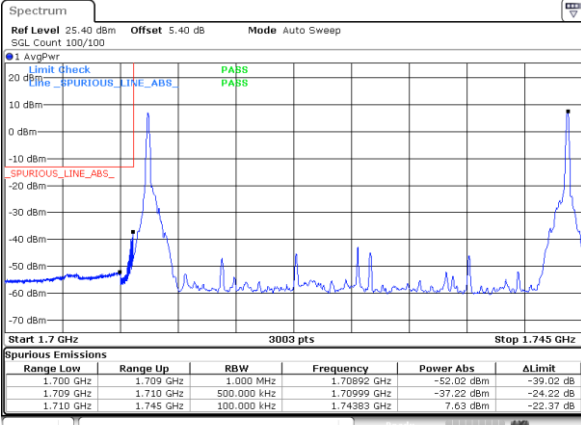




LTE Band 66C / 15MHz+20MHz

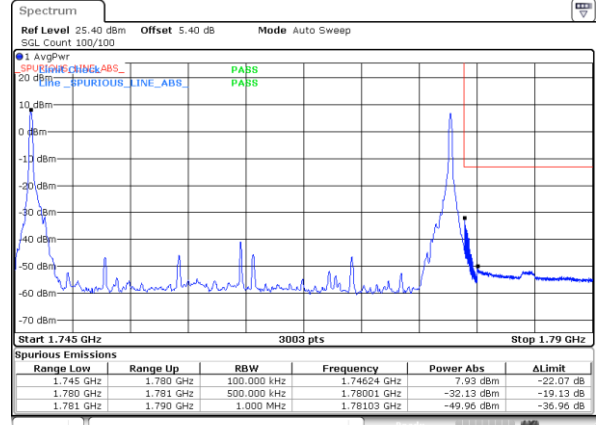
QPSK

Lowest Band Edge / 1RB0 and 1RB9



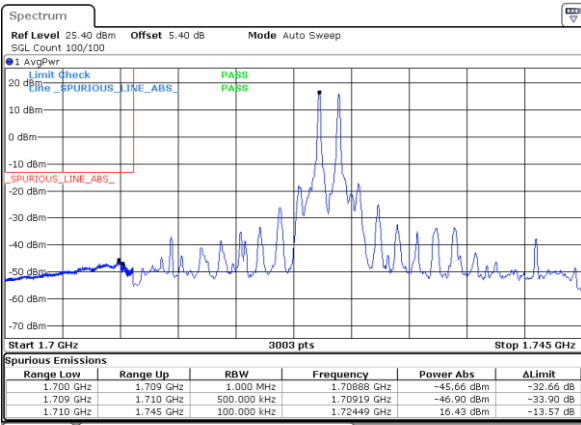
Date: 3_JUL_2023 19:57:57

Highest Band Edge / 1RB0 and 1RB9



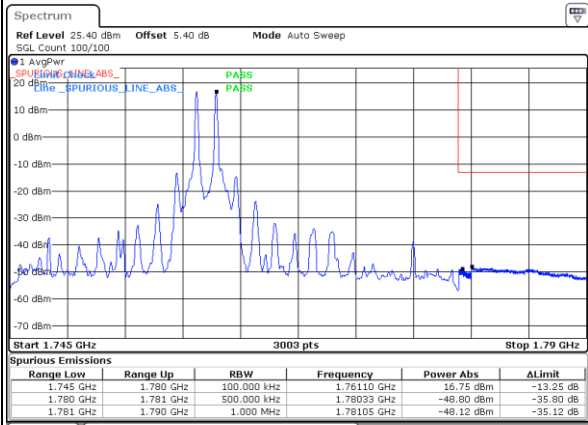
Date: 3_JUL_2023 20:04:24

Lowest Band Edge / 1RB74 and 1RB0



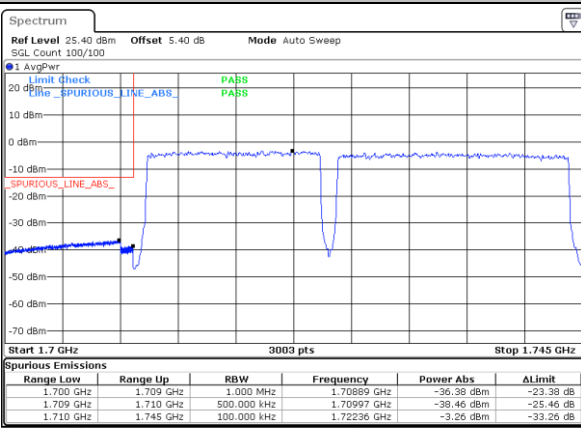
Date: 3_JUL_2023 19:58:51

Highest Band Edge / 1RB74 and 1RB0



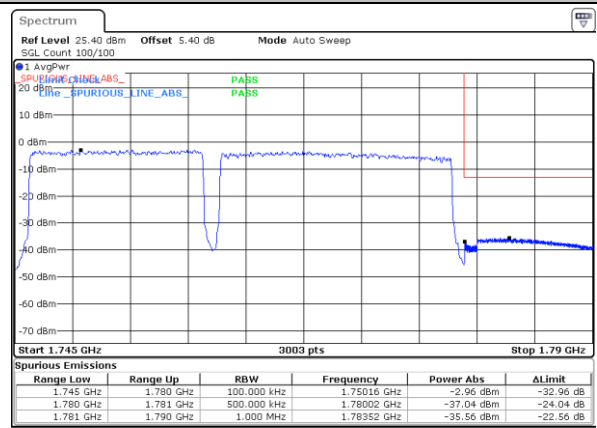
Date: 3_JUL_2023 20:08:58

Lowest Band Edge / Full RB



Date: 3_JUL_2023 19:53:24

Highest Band Edge / Full RB



Date: 3_JUL_2023 20:01:39

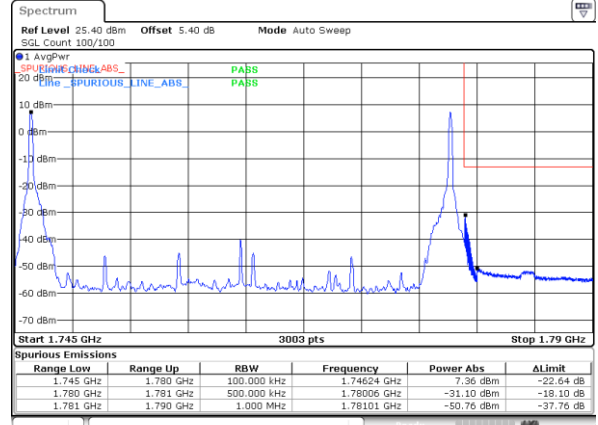
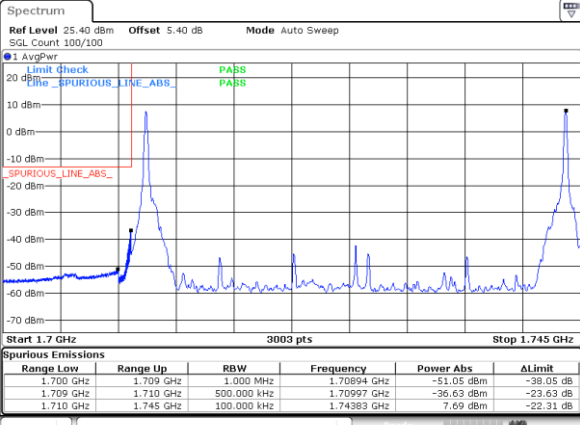


LTE Band 66C / 15MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

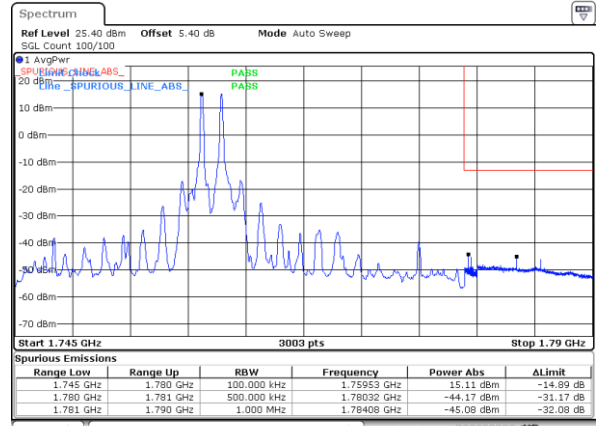
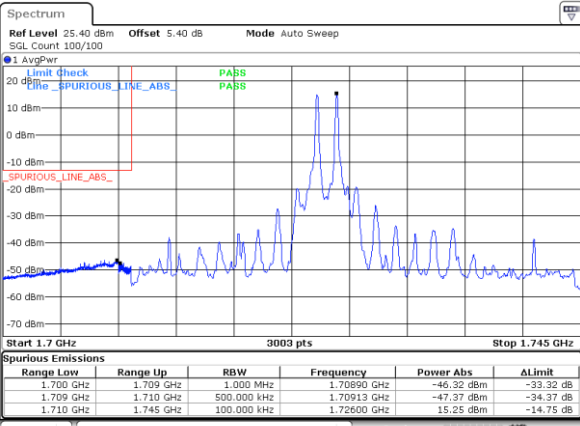


Date: 3_JUL_2023 19:57:03

Date: 3_JUL_2023 20:05:19

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

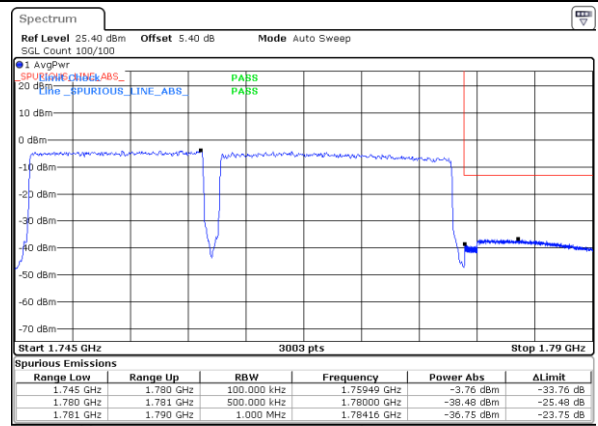
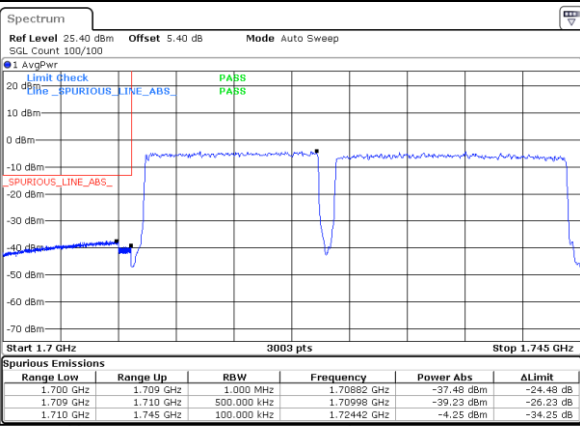


Date: 3_JUL_2023 19:59:46

Date: 3_JUL_2023 20:08:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3_JUL_2023 19:54:18

Date: 3_JUL_2023 20:02:34

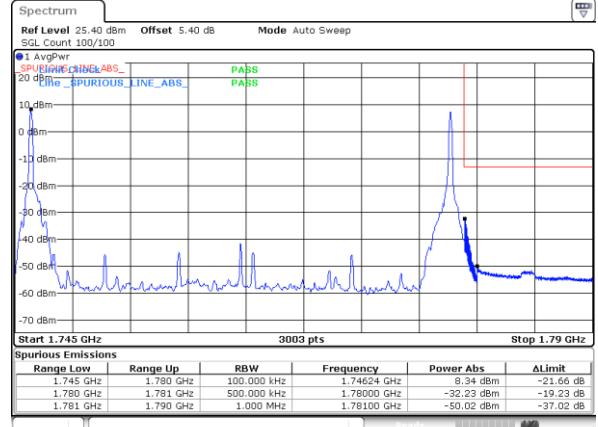
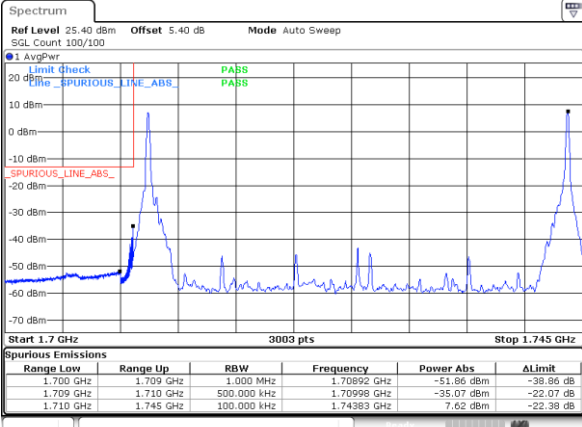


LTE Band 66C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

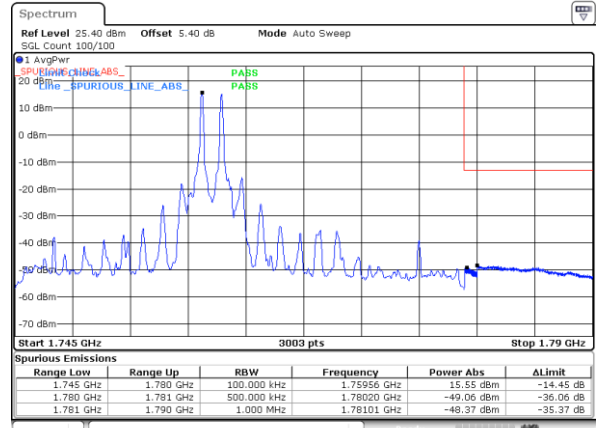
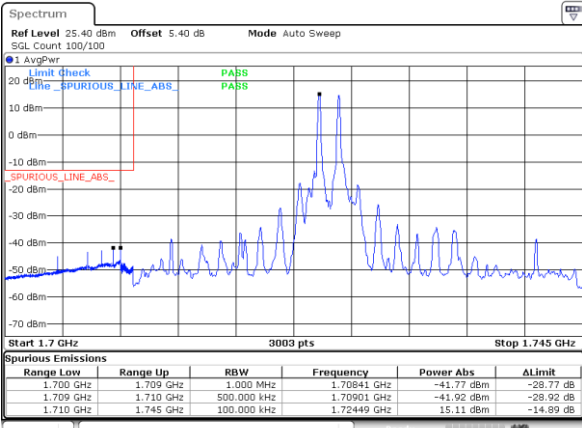


Date: 3.JUL.2023 19:56:08

Date: 3.JUL.2023 20:06:14

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

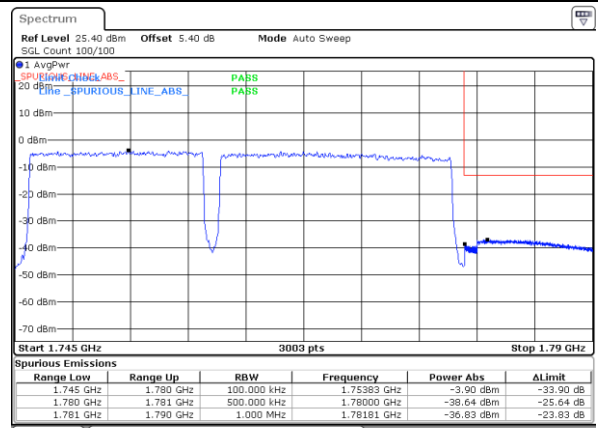
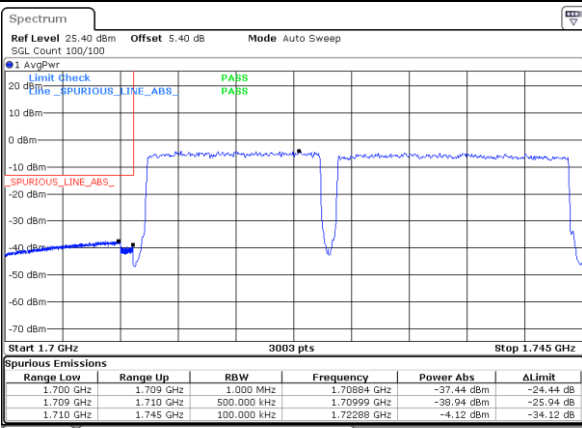


Date: 3.JUL.2023 20:00:40

Date: 3.JUL.2023 20:07:09

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.JUL.2023 19:55:13

Date: 3.JUL.2023 20:03:29

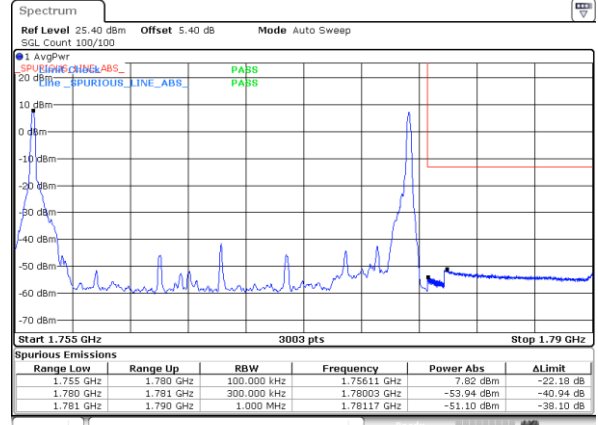
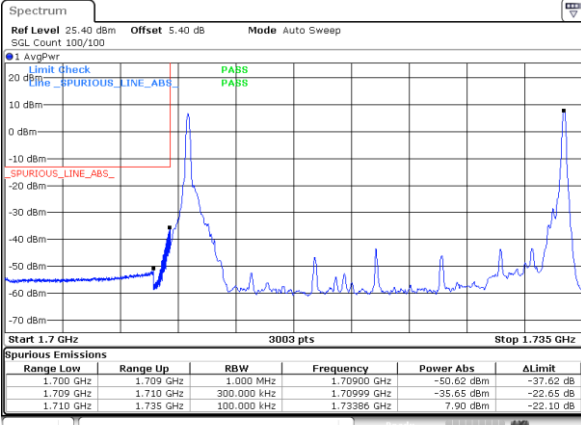


LTE Band 66C / 20MHz+5MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

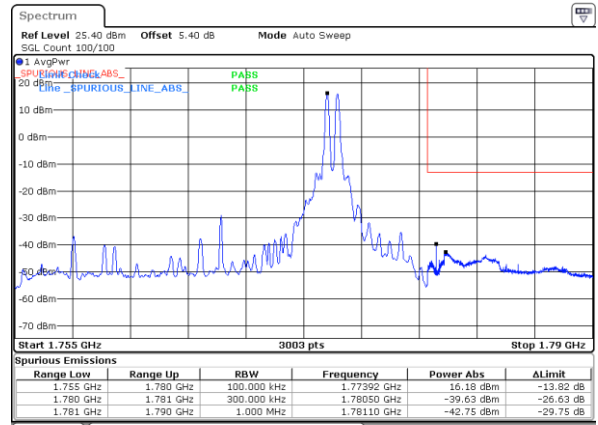
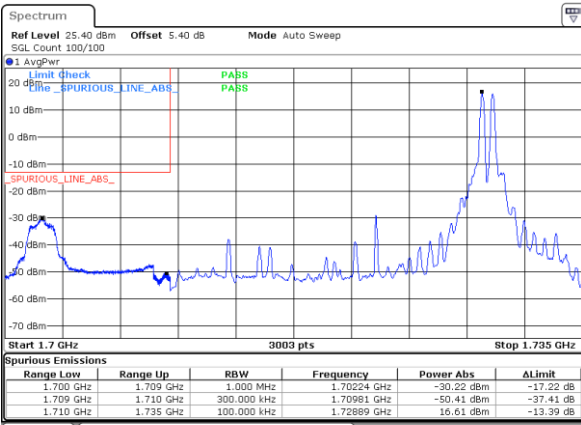


Date: 3 JUL 2023 20:46:28

Date: 3 JUL 2023 20:52:55

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

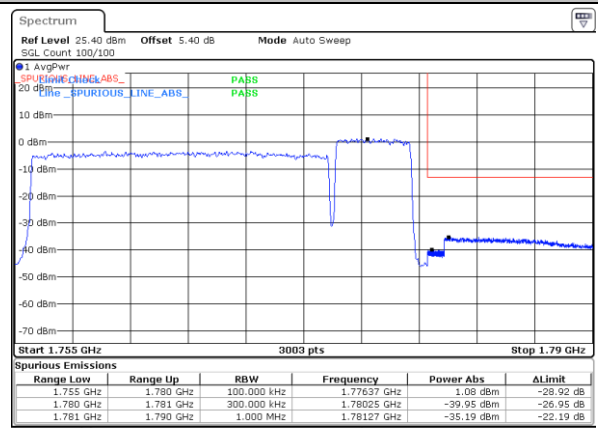
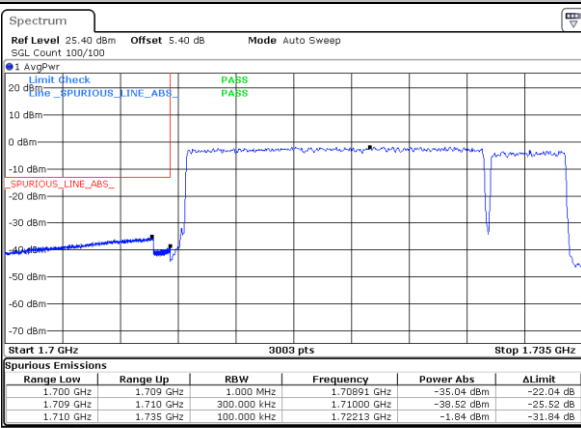


Date: 3 JUL 2023 20:47:23

Date: 3 JUL 2023 20:52:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 JUL 2023 20:41:57

Date: 3 JUL 2023 20:50:11

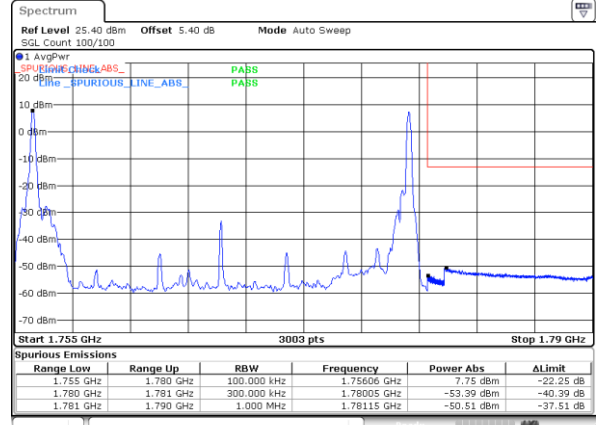
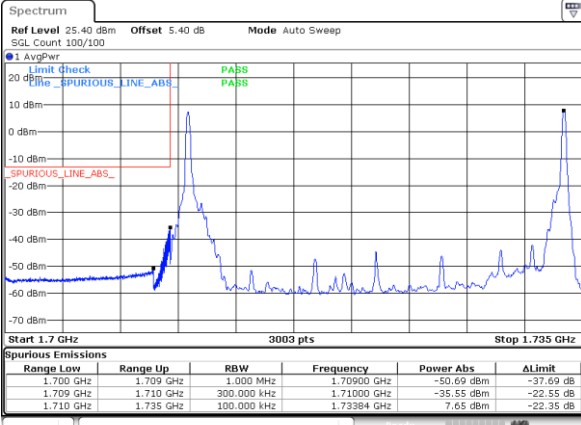


LTE Band 66C / 20MHz+5MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

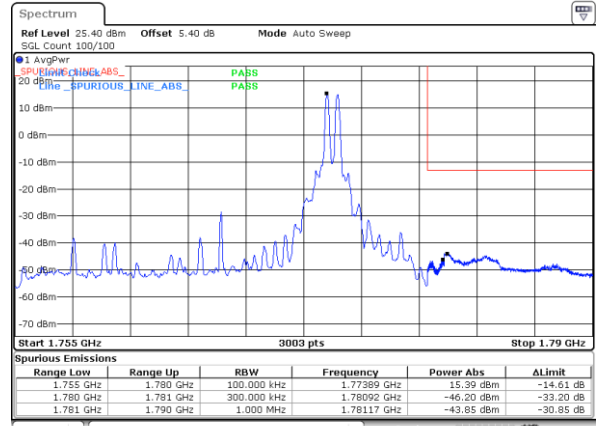
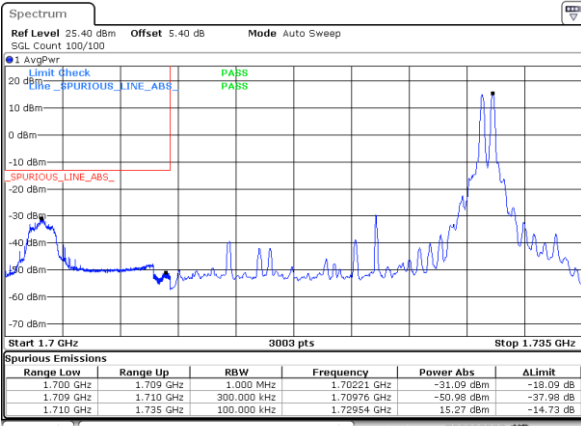


Date: 3.JUL.2023 20:45:34

Date: 3.JUL.2023 20:53:50

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

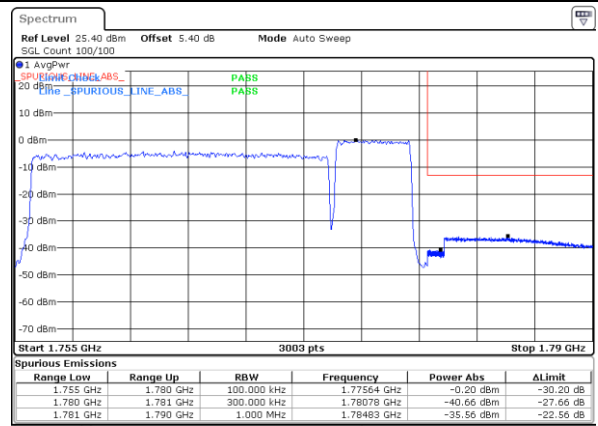
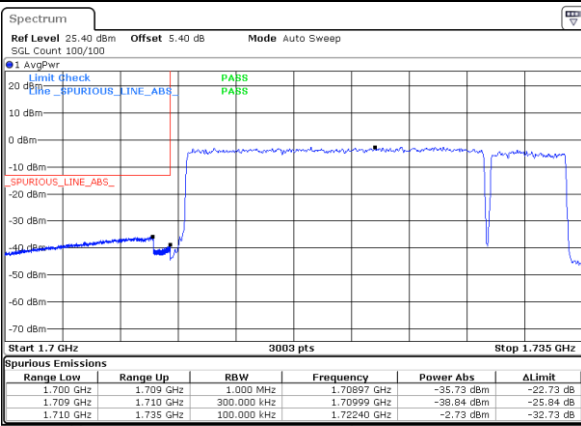


Date: 3.JUL.2023 20:48:17

Date: 3.JUL.2023 20:56:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.JUL.2023 20:42:51

Date: 3.JUL.2023 20:51:05

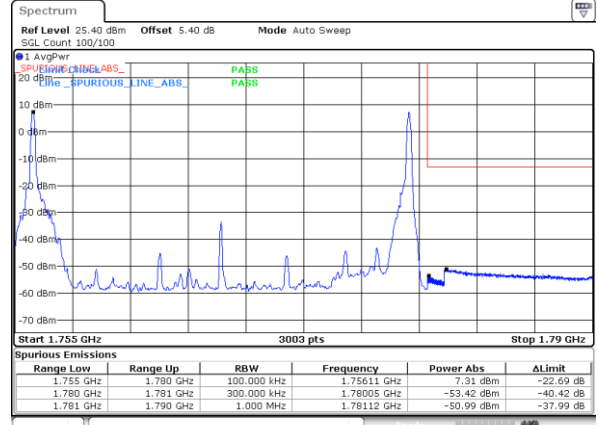
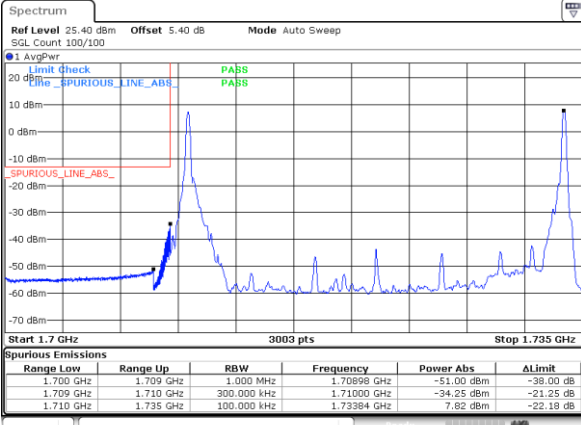


LTE Band 66C / 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

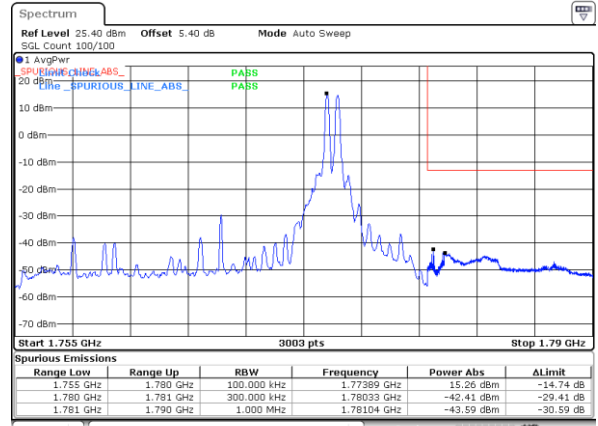
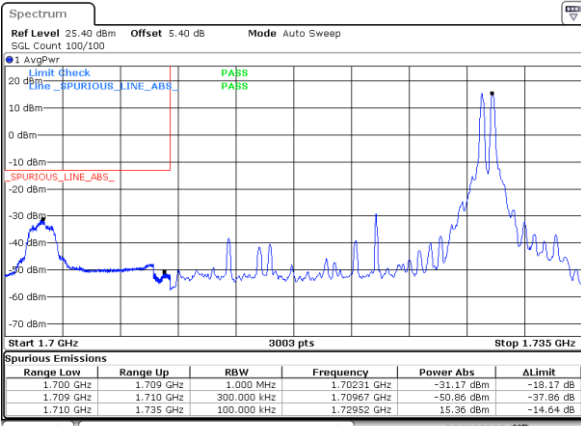


Date: 3_JUL_2023 20:44:40

Date: 3_JUL_2023 20:54:44

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

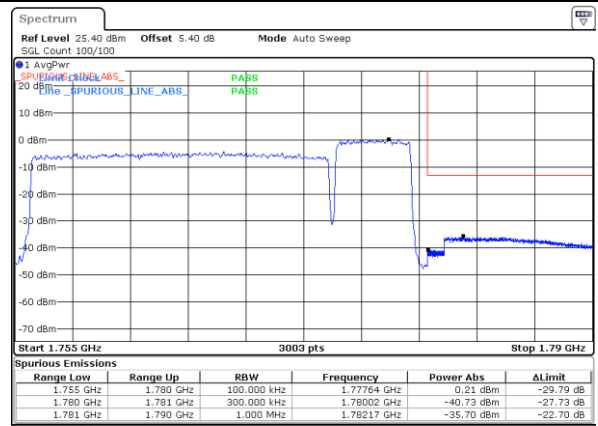
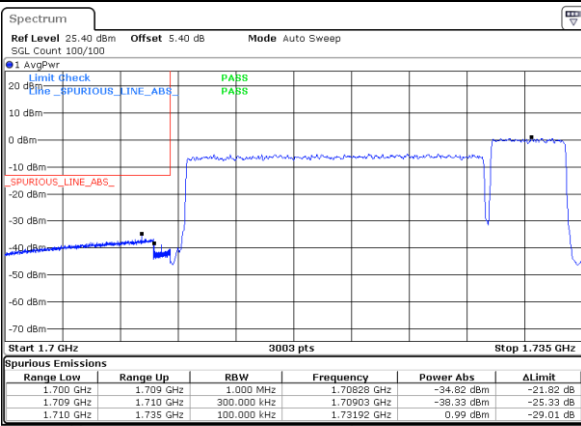


Date: 3_JUL_2023 20:49:12

Date: 3_JUL_2023 20:55:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3_JUL_2023 20:43:46

Date: 3_JUL_2023 20:52:00

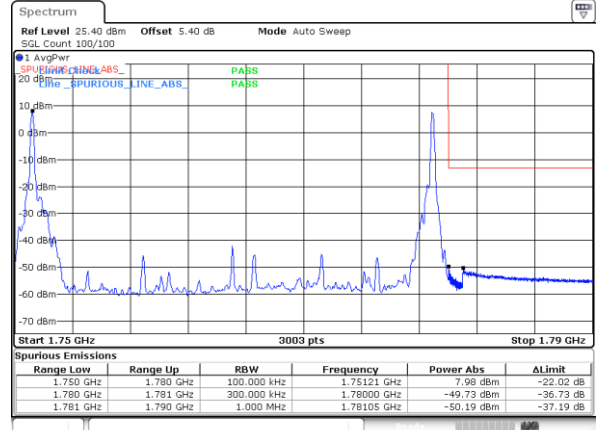
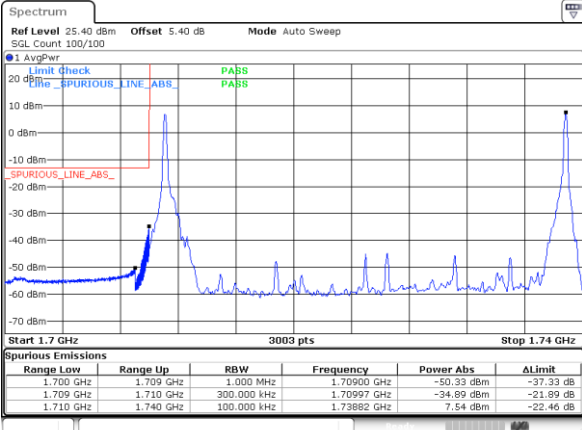


LTE Band 66C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

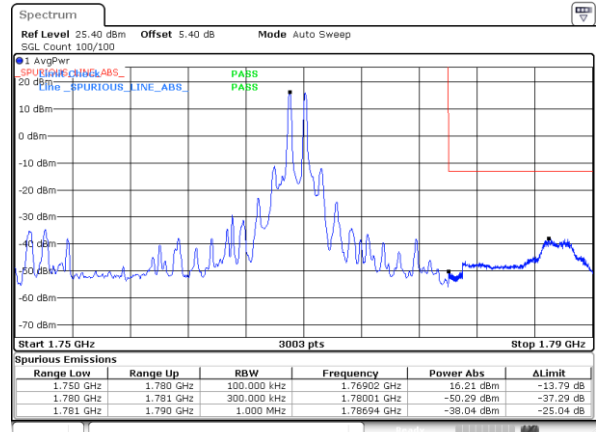
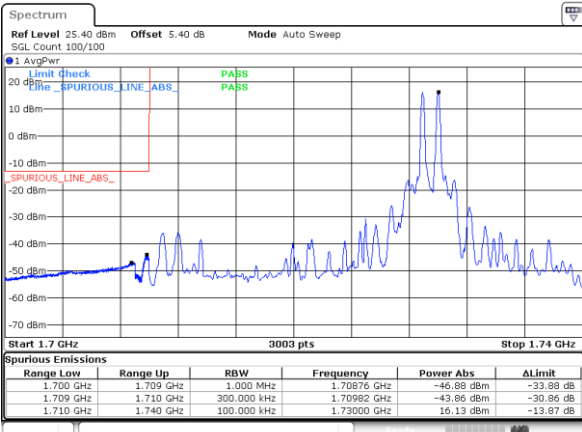


Date: 3.JUL.2023 19:08:46

Date: 3.JUL.2023 19:15:12

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

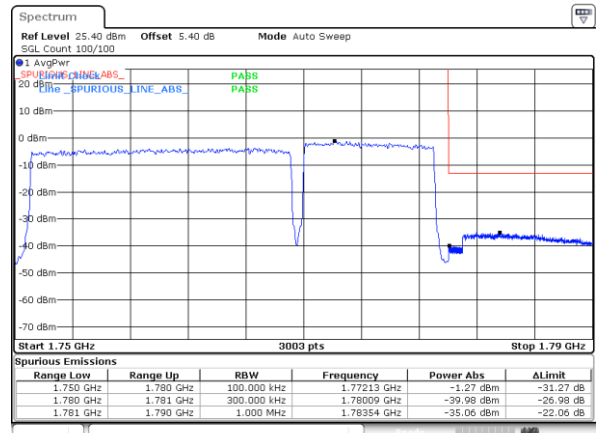
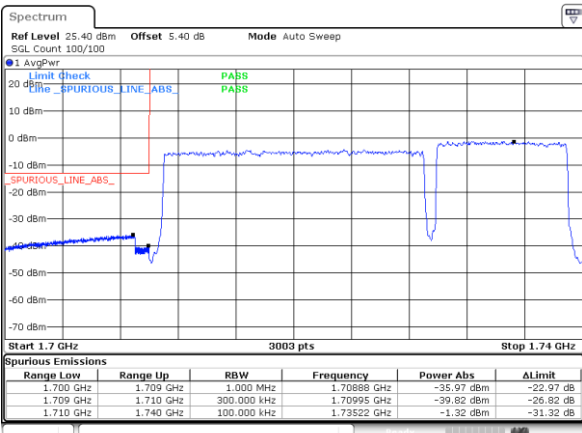


Date: 3.JUL.2023 19:09:40

Date: 3.JUL.2023 19:19:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.JUL.2023 19:04:11

Date: 3.JUL.2023 19:12:20

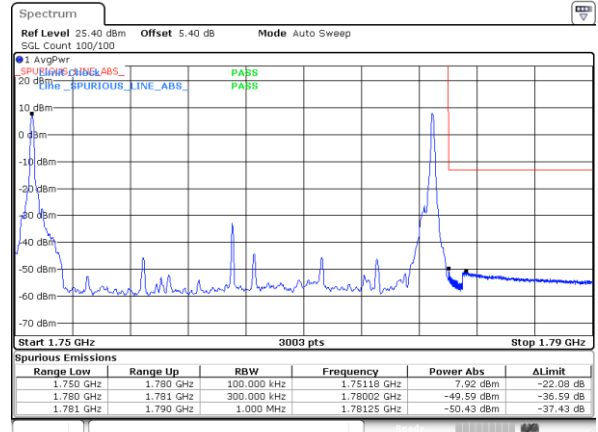
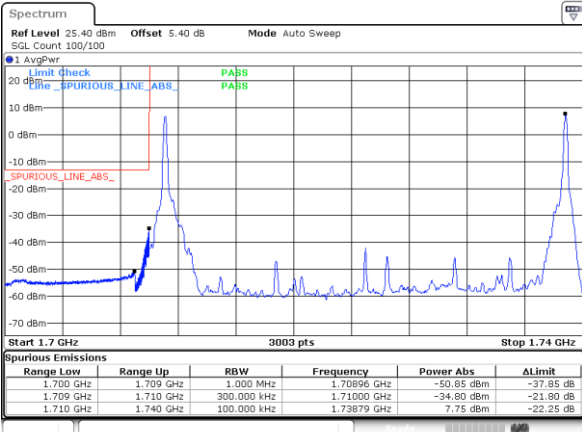


LTE Band 66C / 20MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

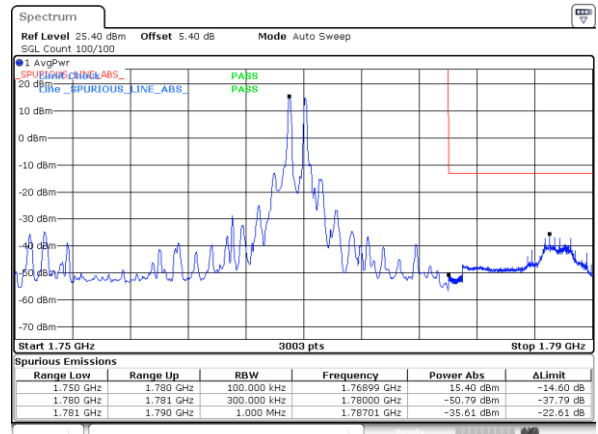
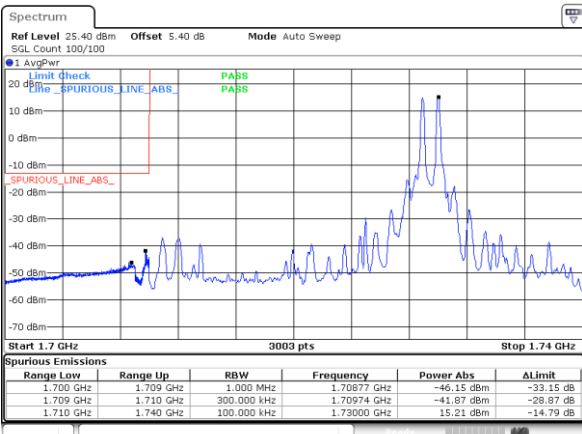


Date: 3.JUL.2023 19:07:51

Date: 3.JUL.2023 19:16:07

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

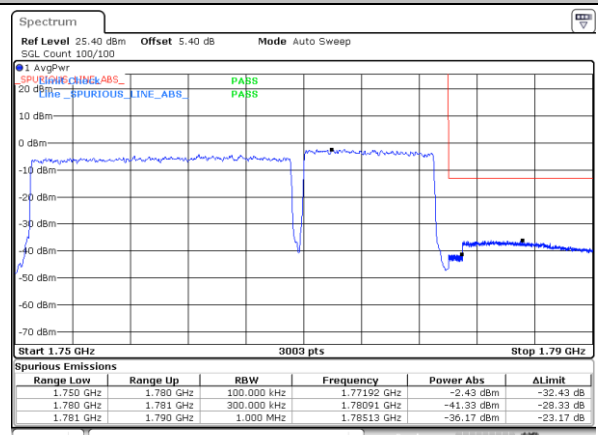
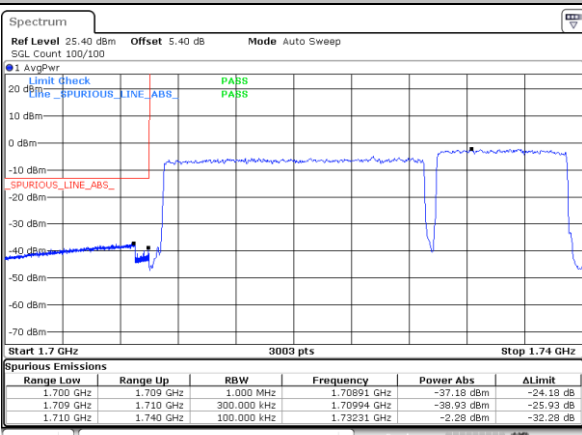


Date: 3.JUL.2023 19:10:35

Date: 3.JUL.2023 19:18:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.JUL.2023 19:05:06

Date: 3.JUL.2023 19:13:22

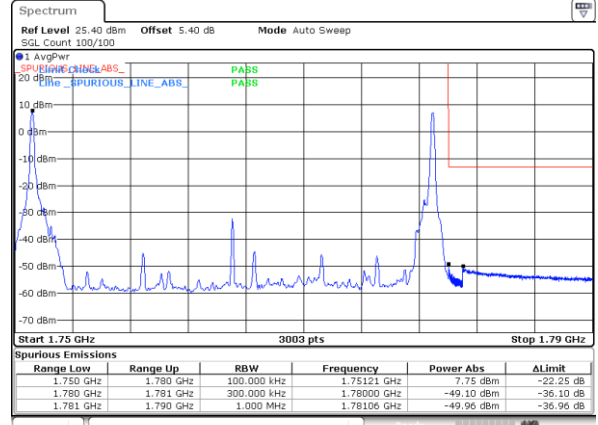
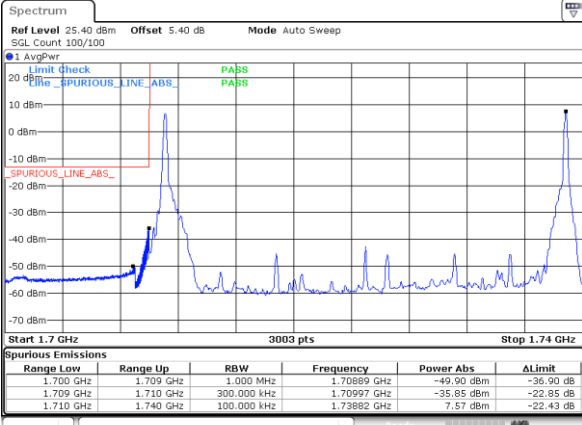


TE Band 66C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

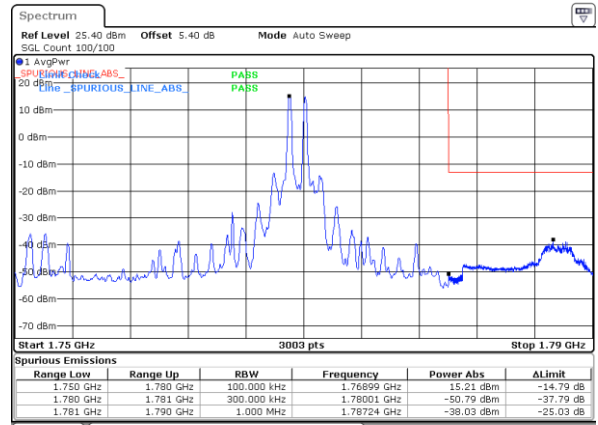
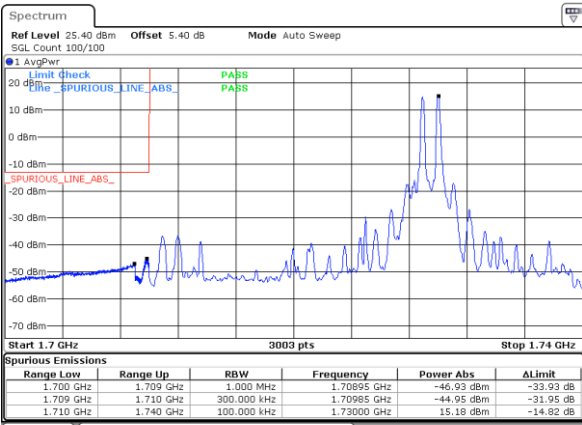


Date: 3_JUL_2023 19:06:56

Date: 3_JUL_2023 19:17:02

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

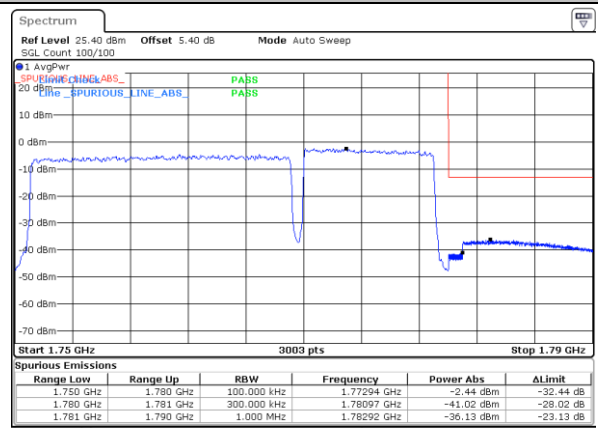
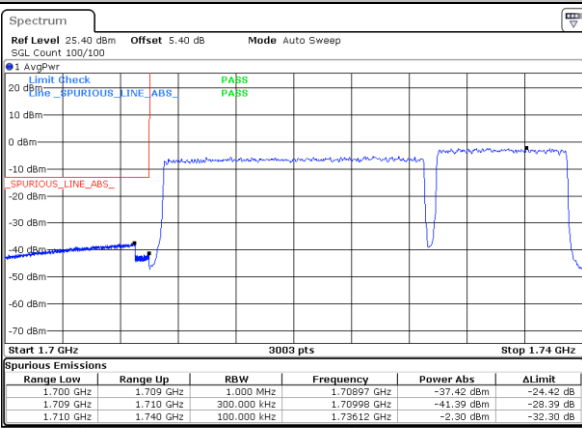


Date: 3_JUL_2023 19:11:29

Date: 3_JUL_2023 19:17:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3_JUL_2023 19:06:01

Date: 3_JUL_2023 19:14:17

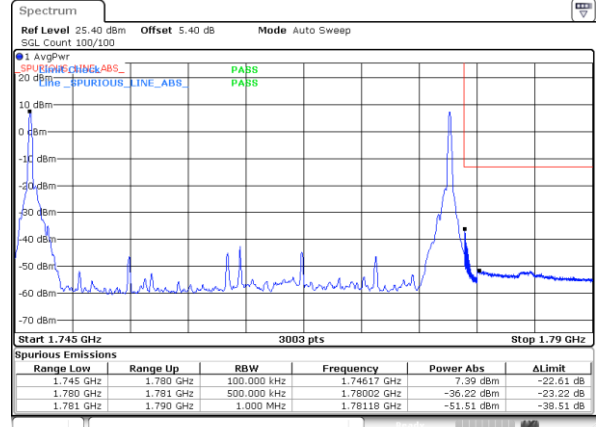
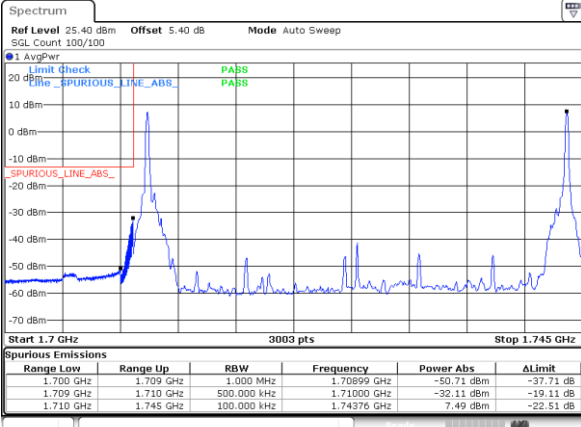


LTE Band 66C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

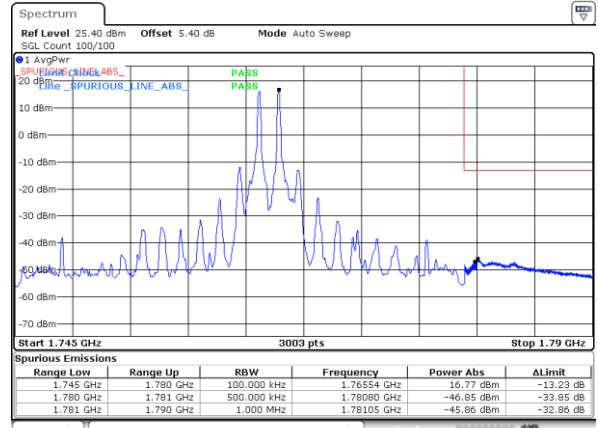
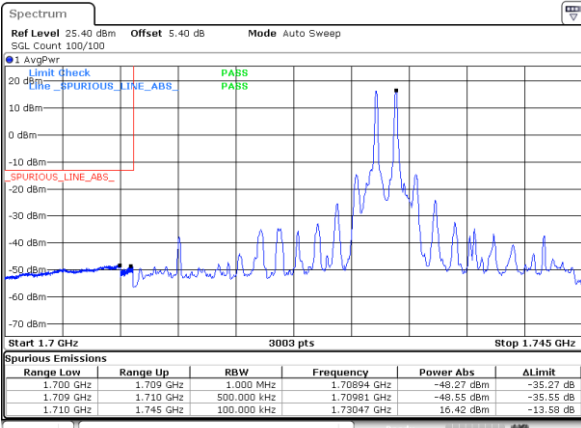


Date: 3.JUL.2023 20:23:14

Date: 3.JUL.2023 20:29:59

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

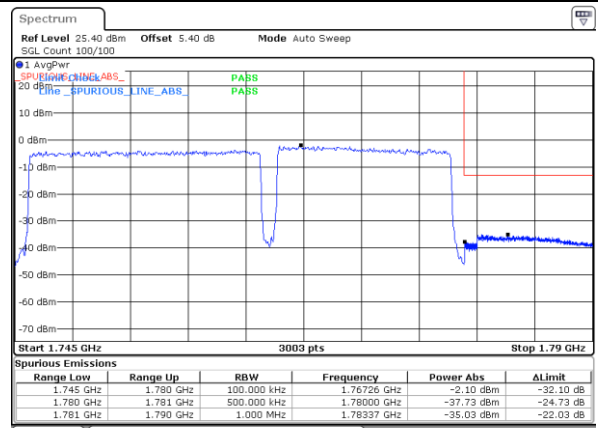
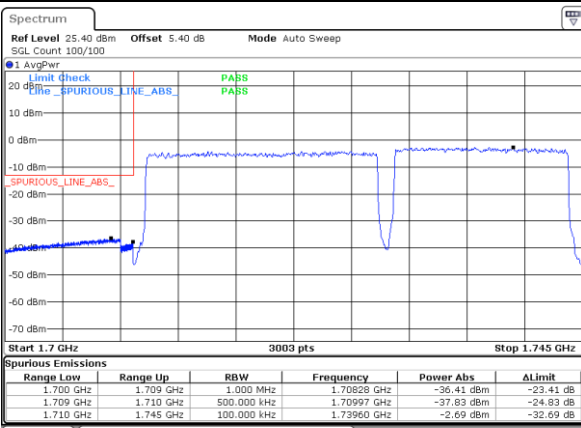


Date: 3.JUL.2023 20:24:28

Date: 3.JUL.2023 20:34:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.JUL.2023 20:19:00

Date: 3.JUL.2023 20:27:15

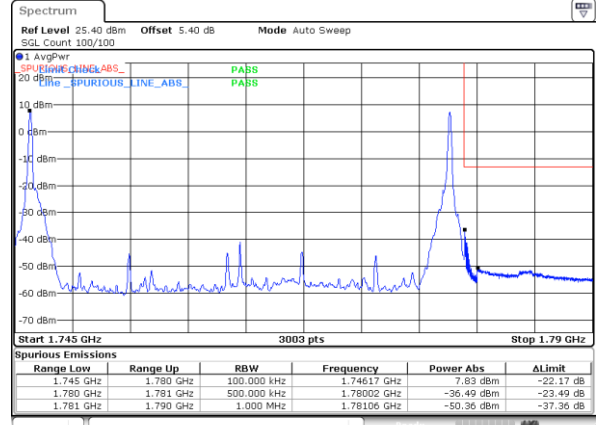
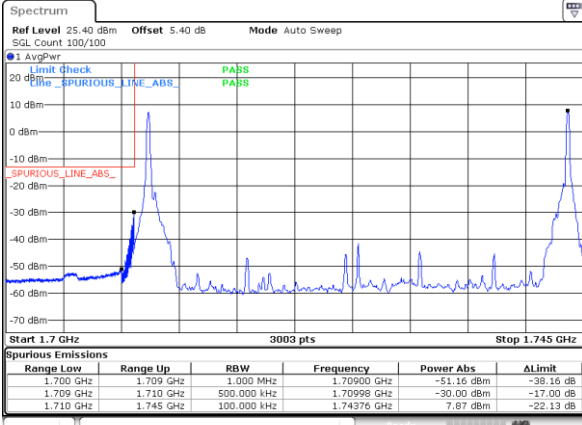


LTE Band 66C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

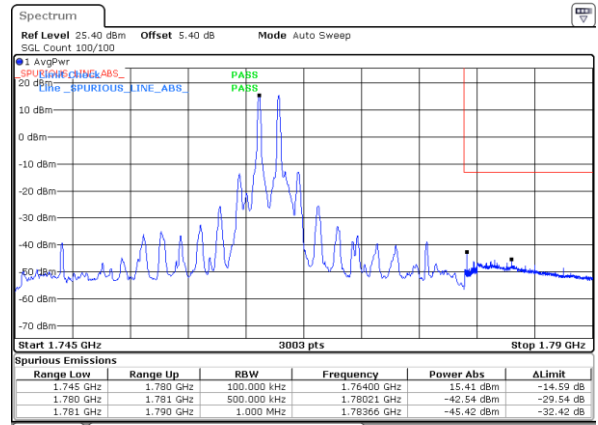
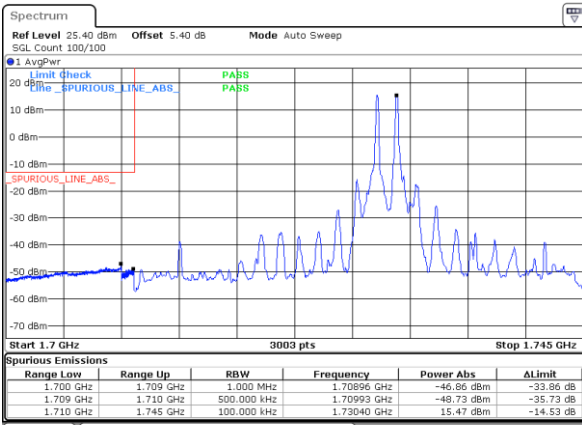


Date: 3 JUL 2023 20:22:19

Date: 3 JUL 2023 20:30:54

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

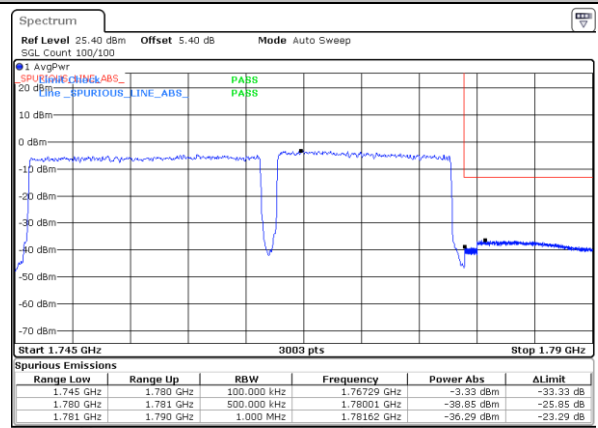
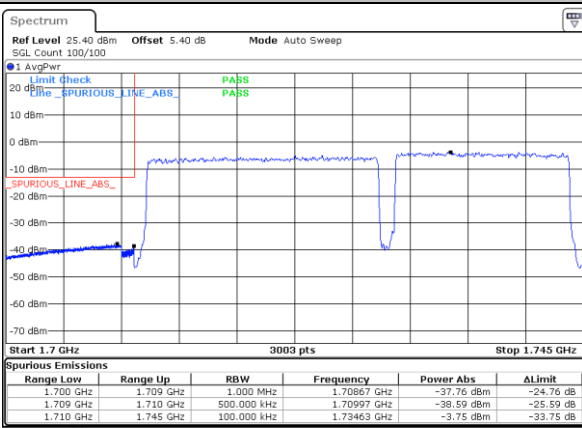


Date: 3 JUL 2023 20:25:22

Date: 3 JUL 2023 20:33:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 JUL 2023 20:19:56

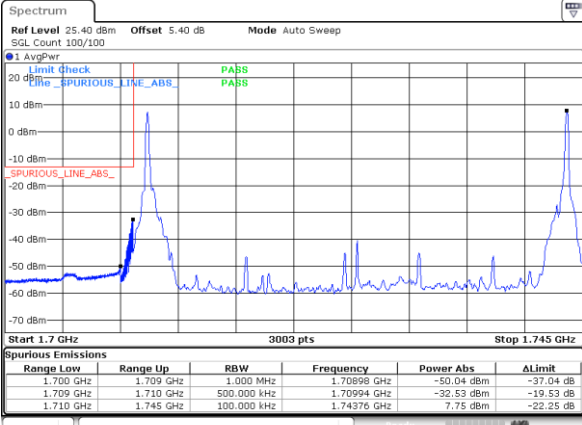
Date: 3 JUL 2023 20:28:10



LTE Band 66C / 20MHz+15MHz

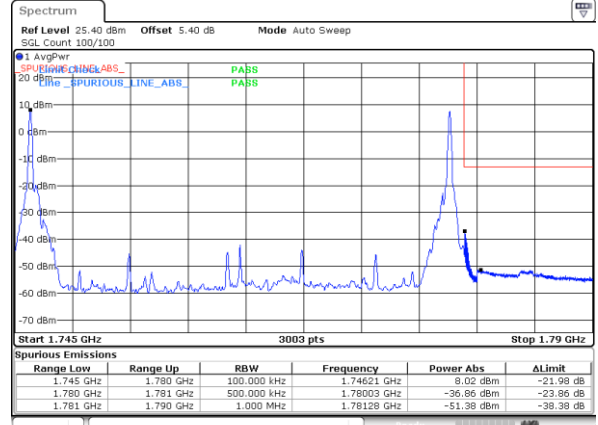
64QAM

Lowest Band Edge / 1RB0 and 1RB74



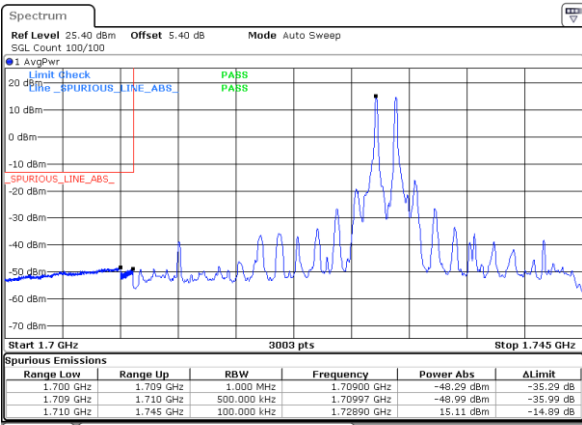
Date: 3.JUL.2023 20:21:45

Highest Band Edge / 1RB0 and 1RB74



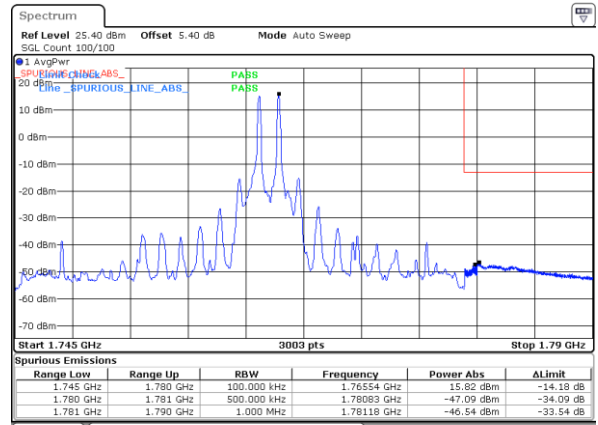
Date: 3.JUL.2023 20:31:49

Lowest Band Edge / 1RB99 and 1RB0



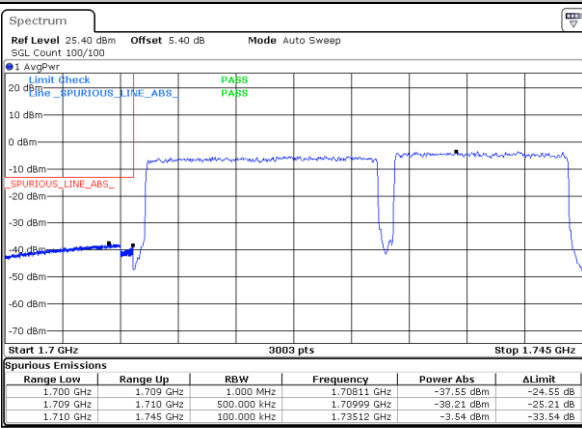
Date: 3.JUL.2023 20:26:17

Highest Band Edge / 1RB99 and 1RB0



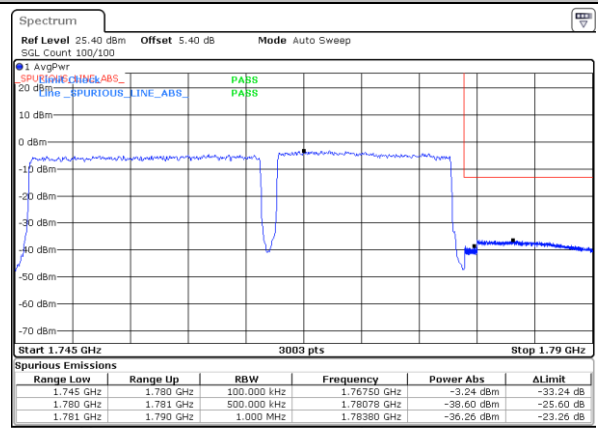
Date: 3.JUL.2023 20:32:43

Lowest Band Edge / Full RB



Date: 3.JUL.2023 20:20:50

Highest Band Edge / Full RB



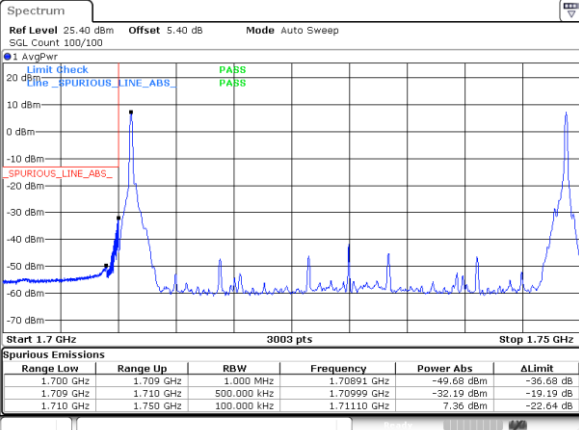
Date: 3.JUL.2023 20:29:04



LTE Band 66C / 20MHz+20MHz

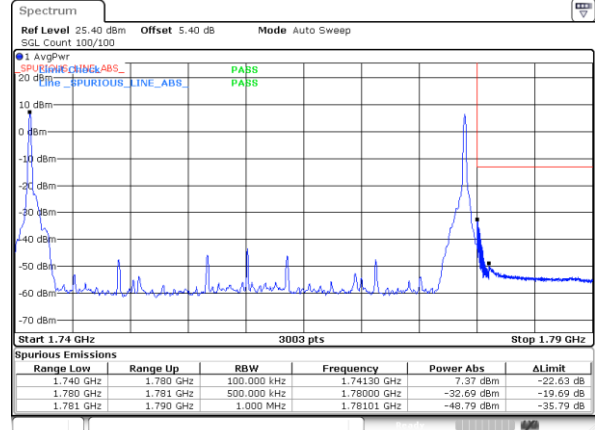
QPSK

Lowest Band Edge / 1RB0 and 1RB99



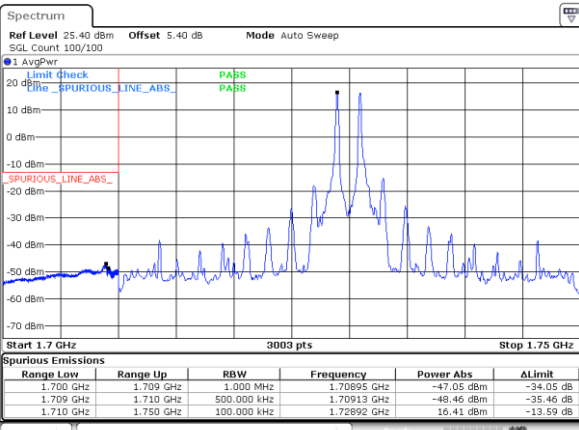
Date: 3.JUL.2023 21:13:08

Highest Band Edge / 1RB0 and 1RB99



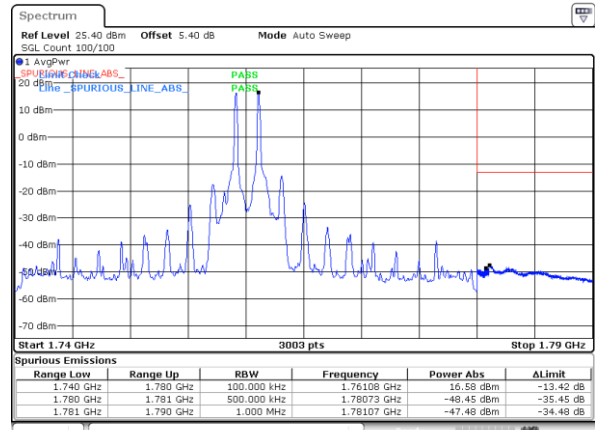
Date: 3.JUL.2023 21:19:42

Lowest Band Edge / 1RB99 and 1RB0



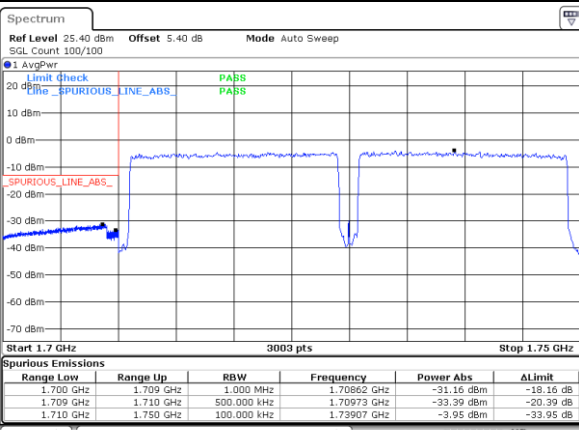
Date: 3.JUL.2023 21:14:02

Highest Band Edge / 1RB99 and 1RB0



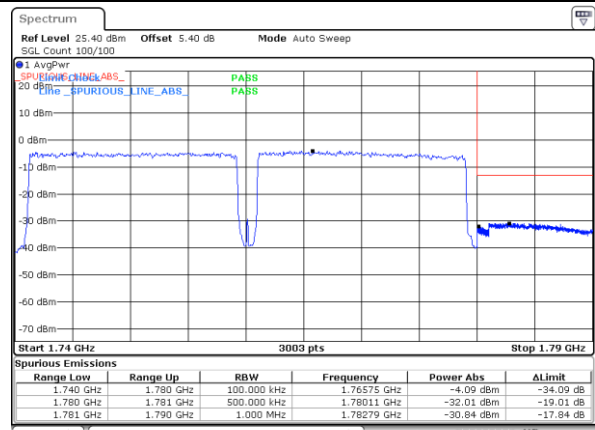
Date: 3.JUL.2023 21:24:14

Lowest Band Edge / Full RB



Date: 3.JUL.2023 21:38:08

Highest Band Edge / Full RB



Date: 3.JUL.2023 21:16:58

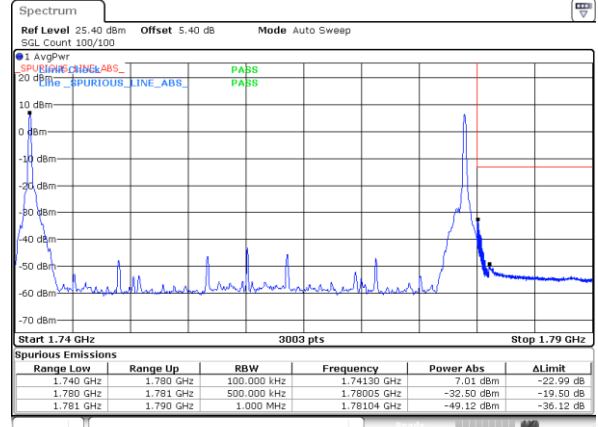
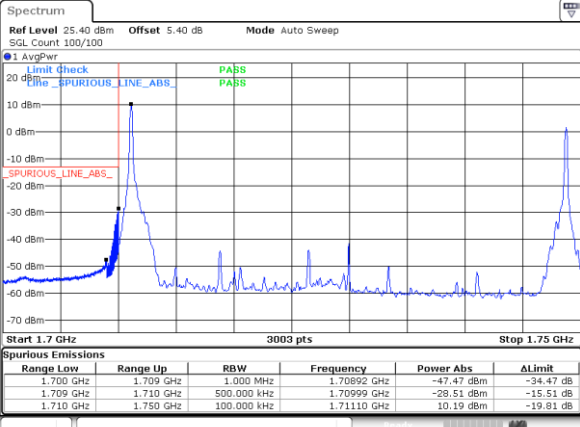


LTE Band 66C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

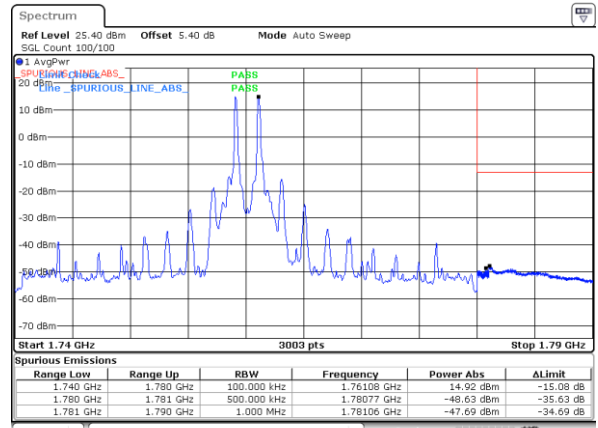
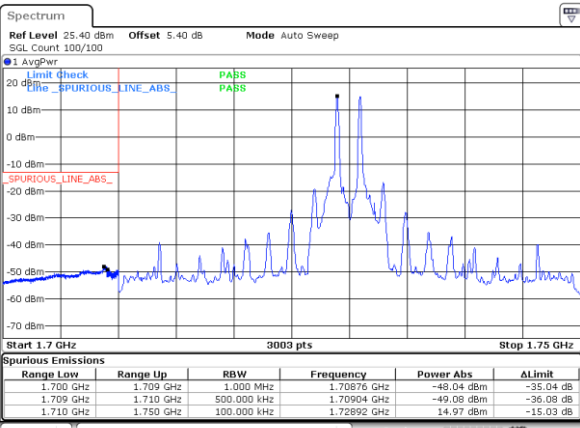


Date: 3 JUL 2023 21:12:13

Date: 3 JUL 2023 21:20:37

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

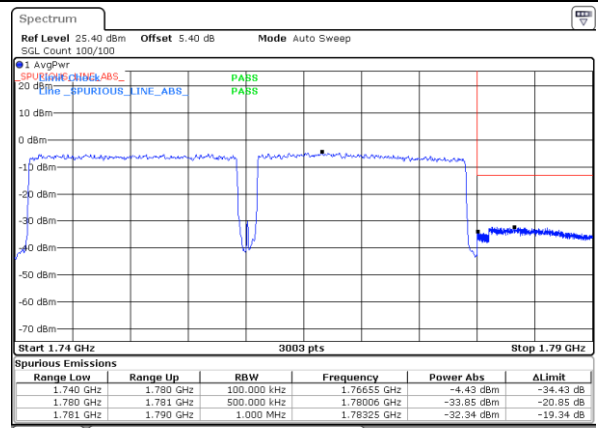
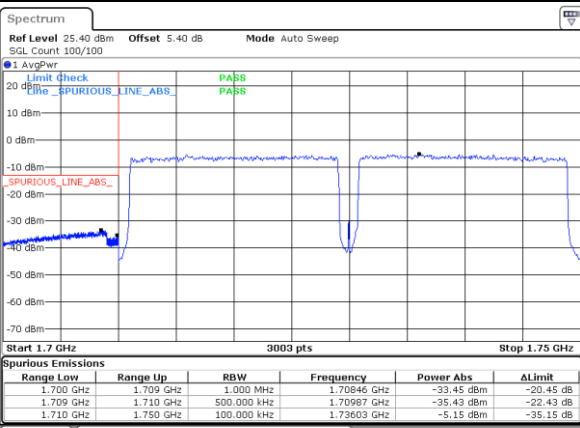


Date: 3 JUL 2023 21:14:56

Date: 3 JUL 2023 21:23:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3 JUL 2023 21:38:42

Date: 3 JUL 2023 21:17:52

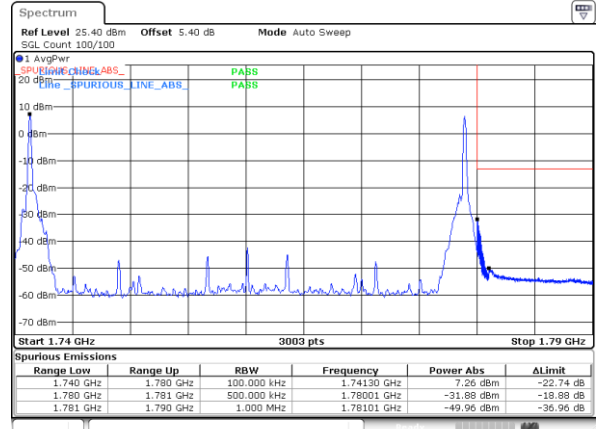
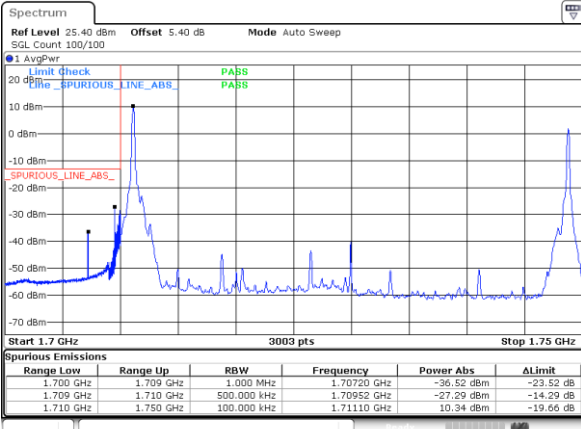


LTE Band 66C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

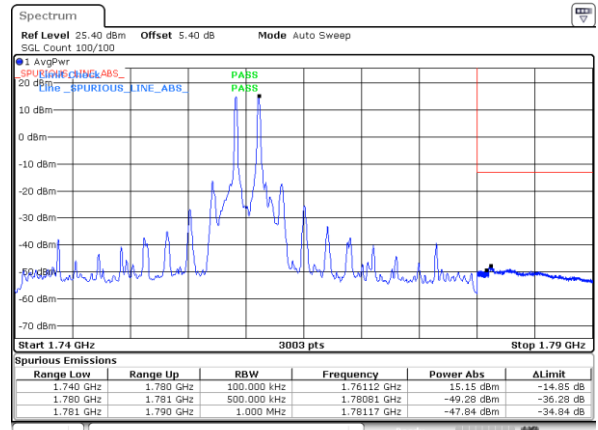
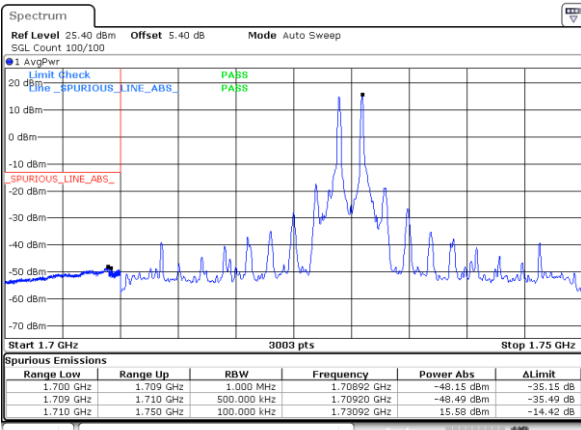


Date: 3_JUL_2023 21:11:19

Date: 3_JUL_2023 21:21:31

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

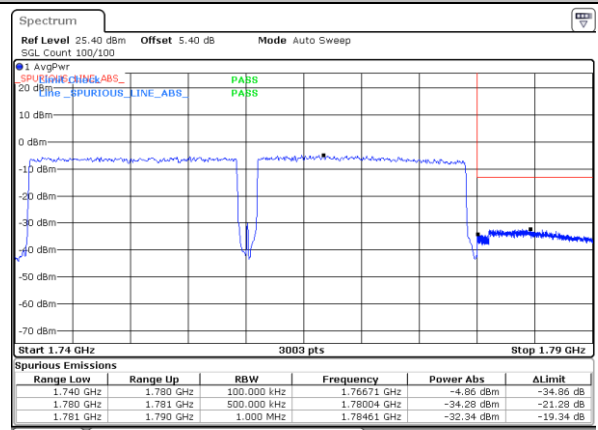
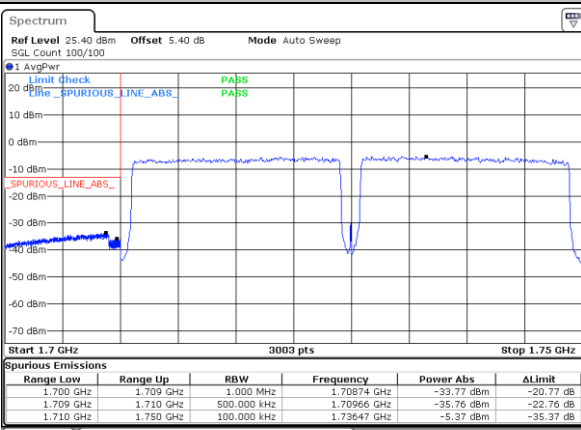


Date: 3_JUL_2023 21:15:51

Date: 3_JUL_2023 21:22:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

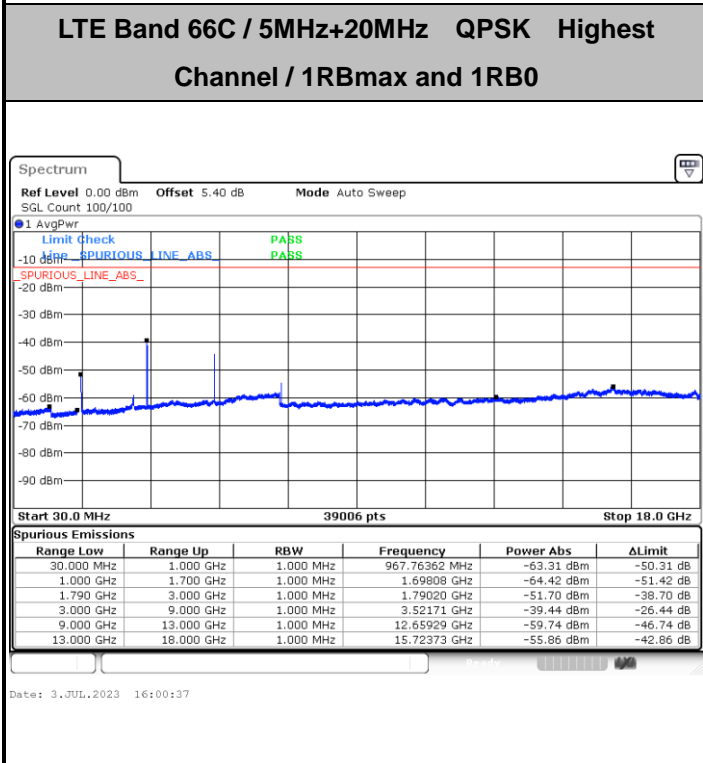
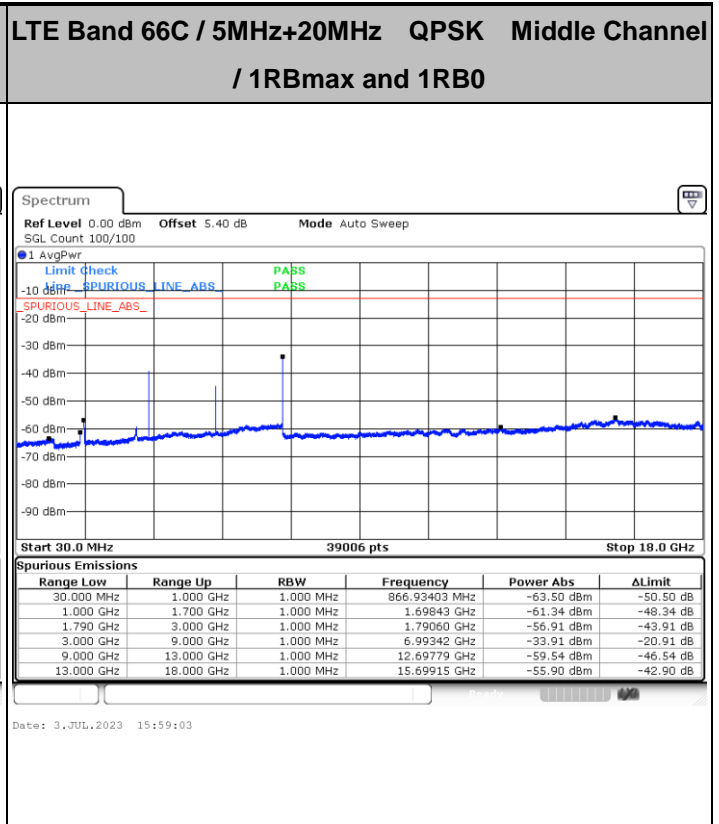
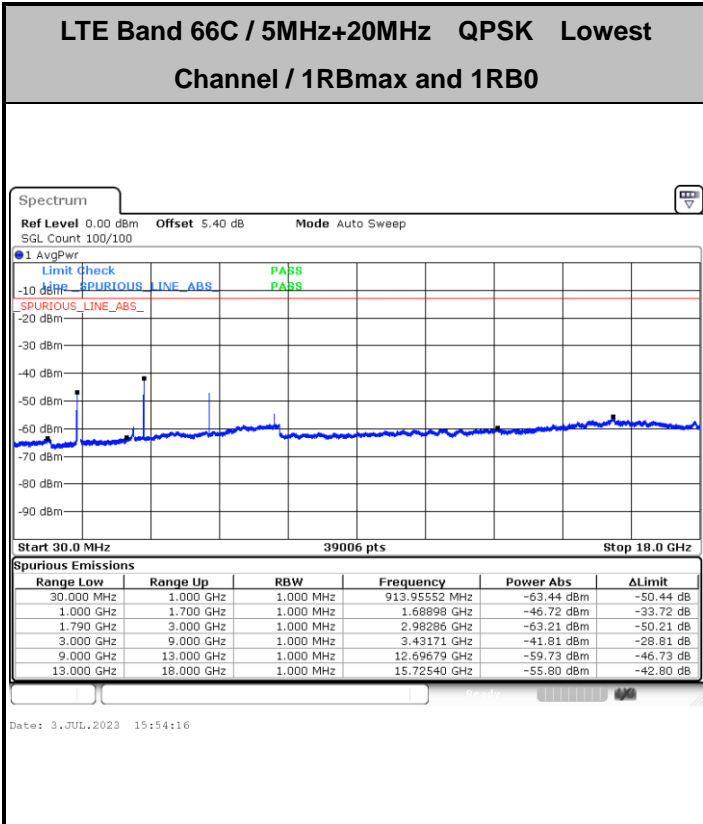


Date: 3_JUL_2023 21:19:17

Date: 3_JUL_2023 21:18:47



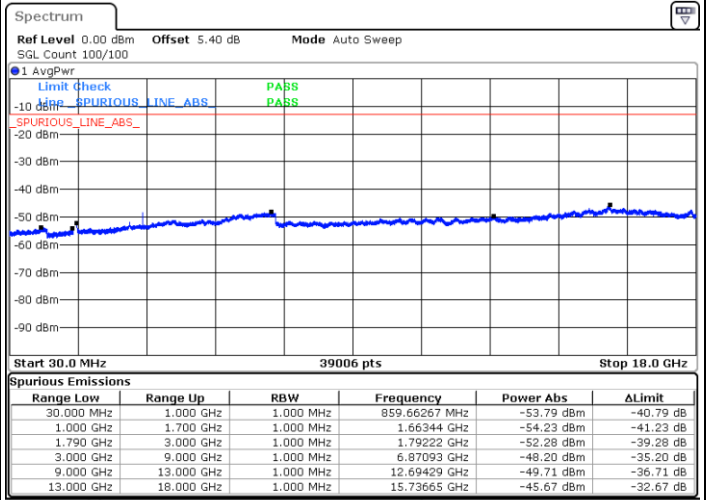
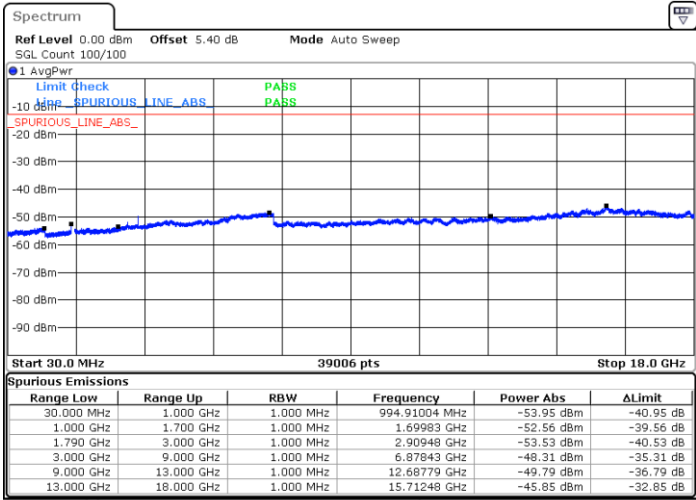
Conducted Spurious Emission





LTE Band 66C / 10MHz+15MHz QPSK Lowest Channel / 1RBmax and 1RB0

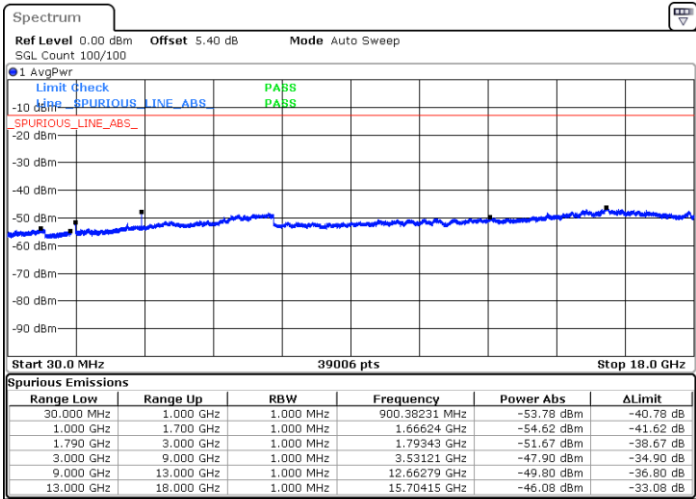
LTE Band 66C / 10MHz+15MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 3.JUL.2023 16:20:24

Date: 3.JUL.2023 16:22:48

LTE Band 66C / 10MHz+15MHz QPSK Highest Channel / 1RBmax and 1RB0

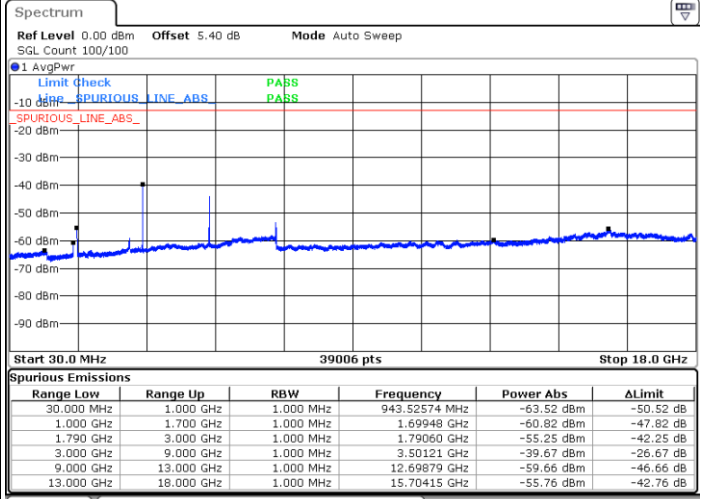
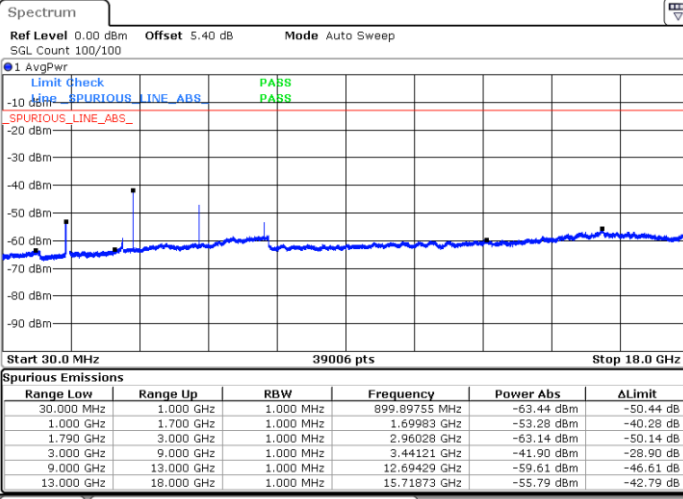


Date: 3.JUL.2023 16:26:13



LTE Band 66C / 10MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0

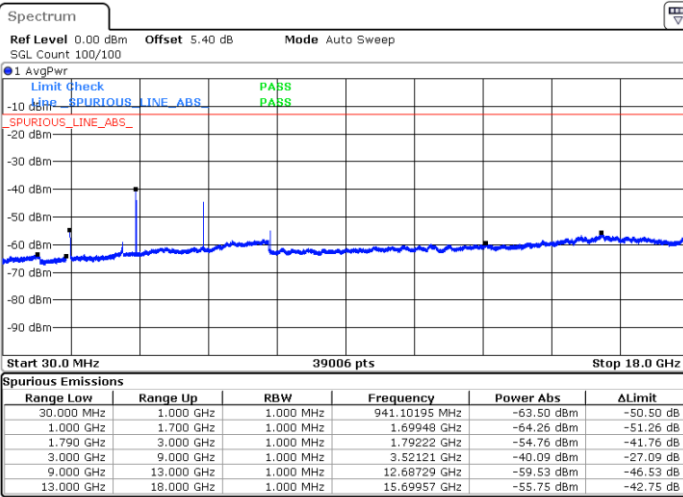
LTE Band 66C / 10MHz+20MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 3.JUL.2023 18:58:13

Date: 3.JUL.2023 19:01:37

LTE Band 66C / 10MHz+20MHz QPSK Highest Channel / 1RBmax and 1RB0

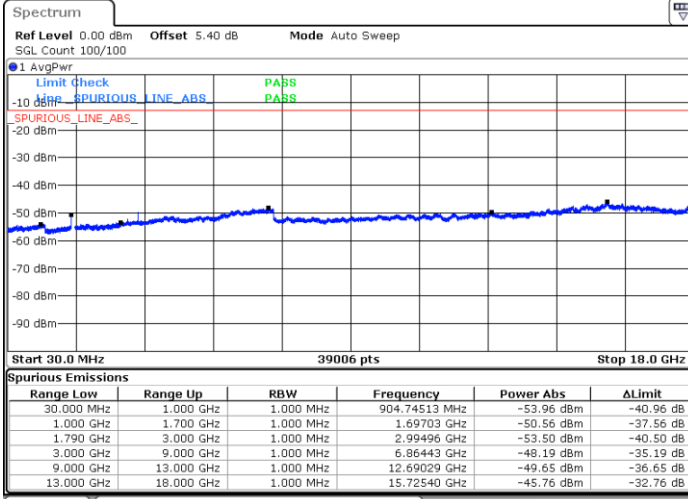


Date: 3.JUL.2023 19:03:11

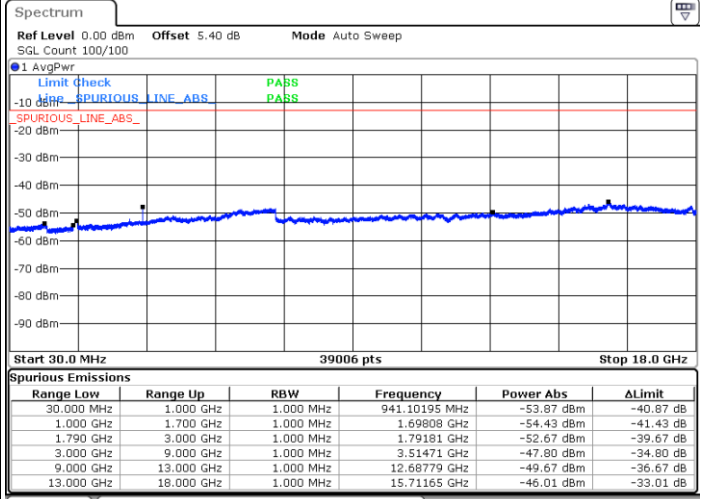


LTE Band 66C / 15MHz+10MHz QPSK Lowest Channel / 1RBmax and 1RB0

LTE Band 66C / 15MHz+10MHz QPSK Middle Channel / 1RBmax and 1RB0

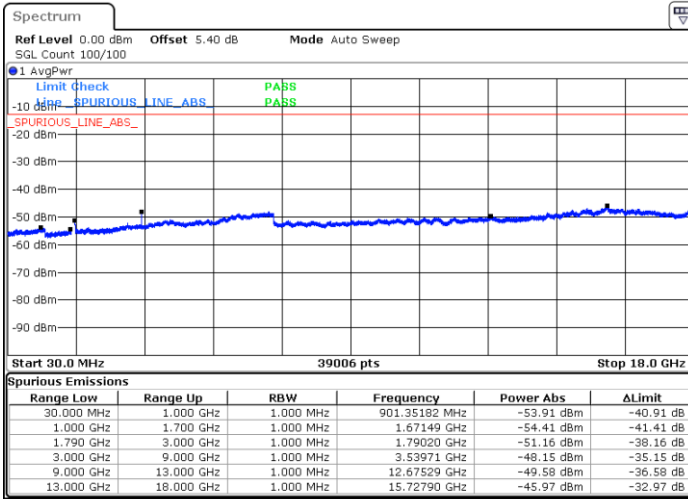


Date: 3.JUL.2023 18:37:08



Date: 3.JUL.2023 18:33:42

LTE Band 66C / 15MHz+10MHz QPSK Highest Channel / 1RBmax and 1RB0

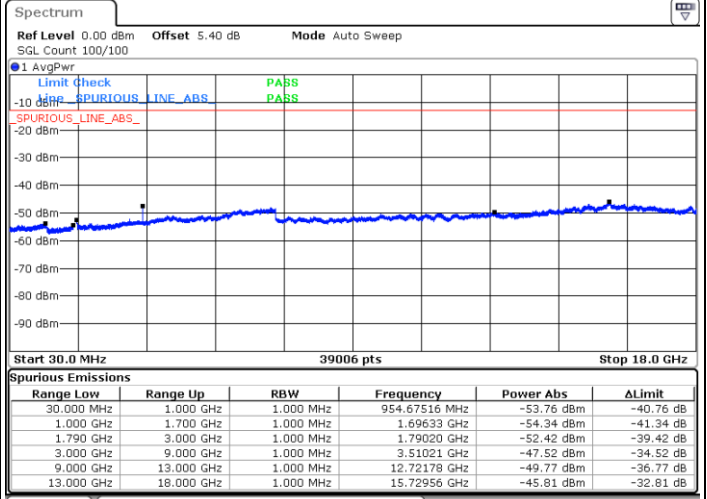
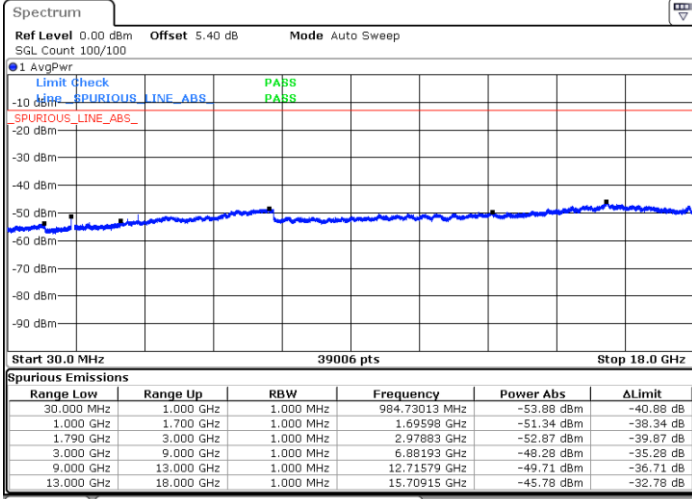


Date: 3.JUL.2023 18:32:00



LTE Band 66C / 15MHz+15MHz QPSK Lowest Channel / 1RBmax and 1RB0

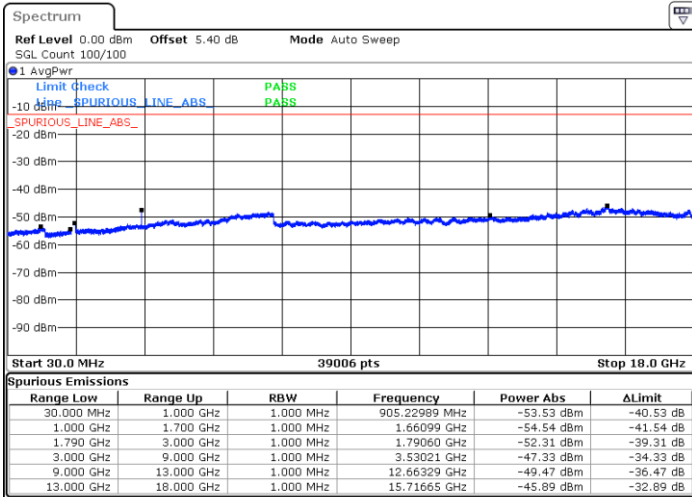
LTE Band 66C / 15MHz+15MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 3.JUL.2023 19:44:49

Date: 3.JUL.2023 19:48:12

LTE Band 66C / 15MHz+15MHz QPSK Highest Channel / 1RBmax and 1RB0

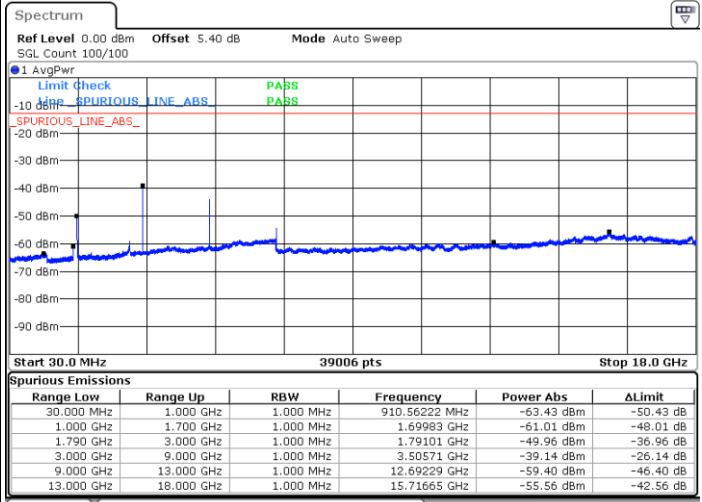
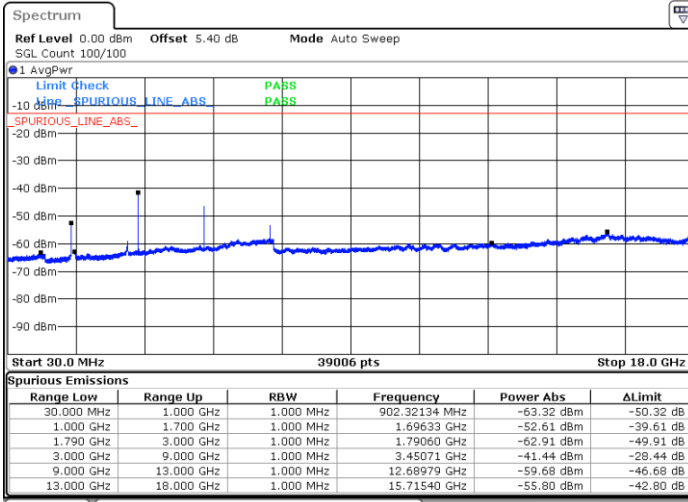


Date: 3.JUL.2023 19:49:42



LTE Band 66C / 15MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0

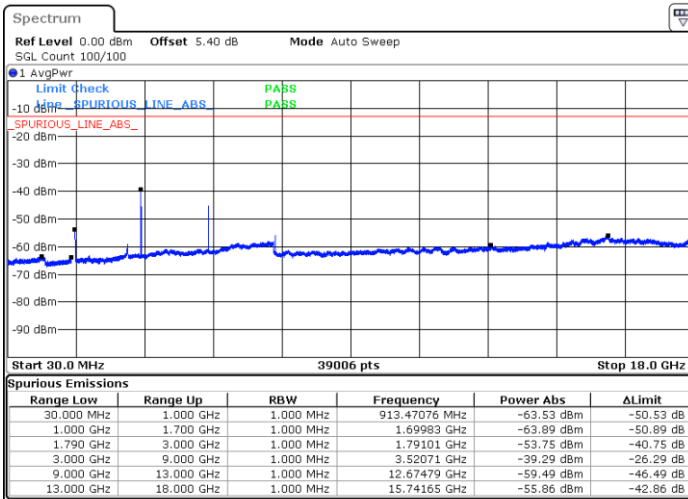
LTE Band 66C / 15MHz+20MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 3.JUL.2023 20:10:30

Date: 3.JUL.2023 20:13:55

LTE Band 66C / 15MHz+20MHz QPSK Highest Channel / 1RBmax and 1RB0

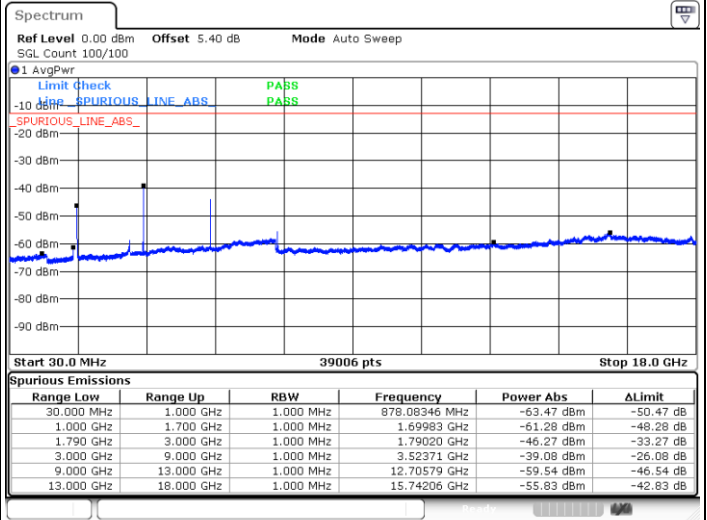
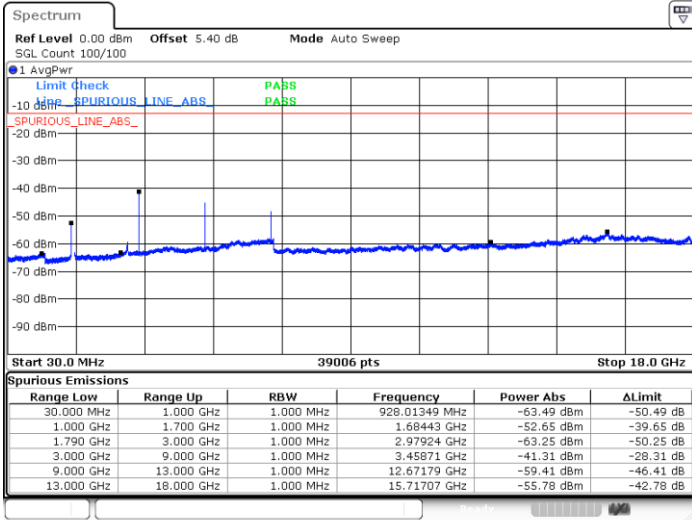


Date: 3.JUL.2023 20:15:25



LTE Band 66C / 20MHz+5MHz QPSK Lowest Channel / 1RBmax and 1RB0

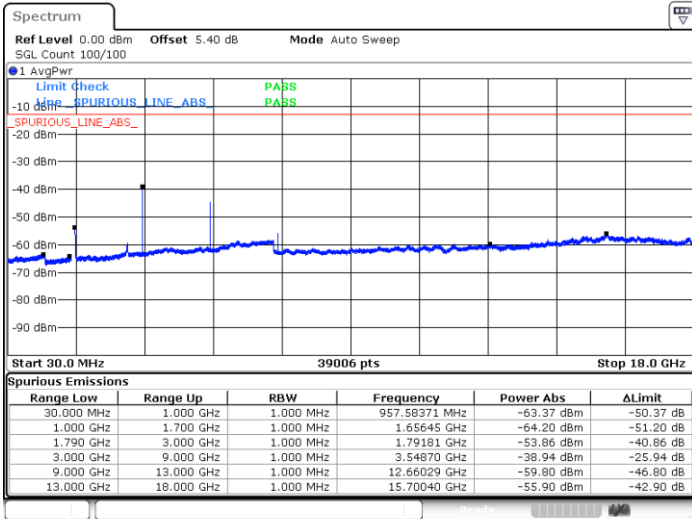
LTE Band 66C / 20MHz+5MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 3.JUL.2023 20:59:01

Date: 3.JUL.2023 21:06:07

LTE Band 66C / 20MHz+5MHz QPSK Highest Channel / 1RBmax and 1RB0

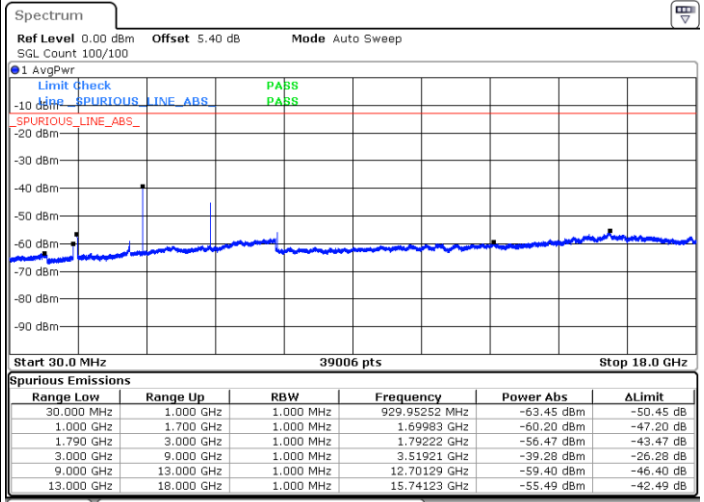
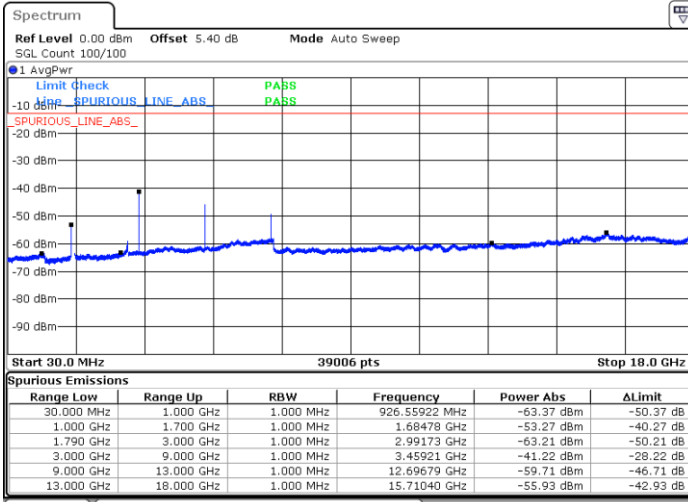


Date: 3.JUL.2023 21:07:38



LTE Band 66C / 20MHz+10MHz QPSK Lowest Channel / 1RBmax and 1RB0

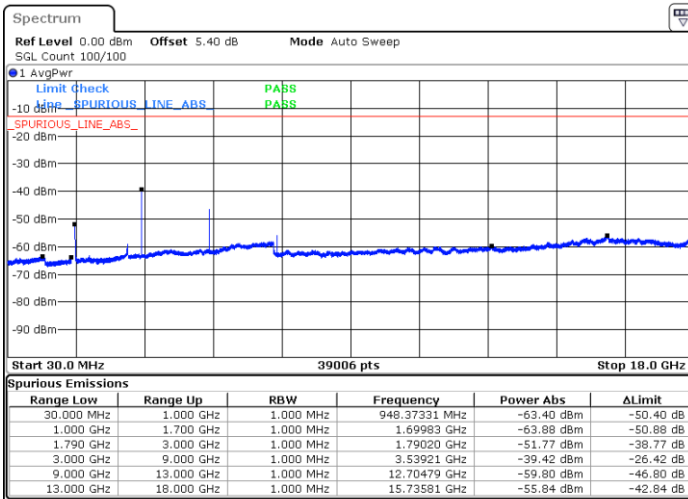
LTE Band 66C / 20MHz+10MHz QPSK Middle Channel / 1RBmax and 1RB0



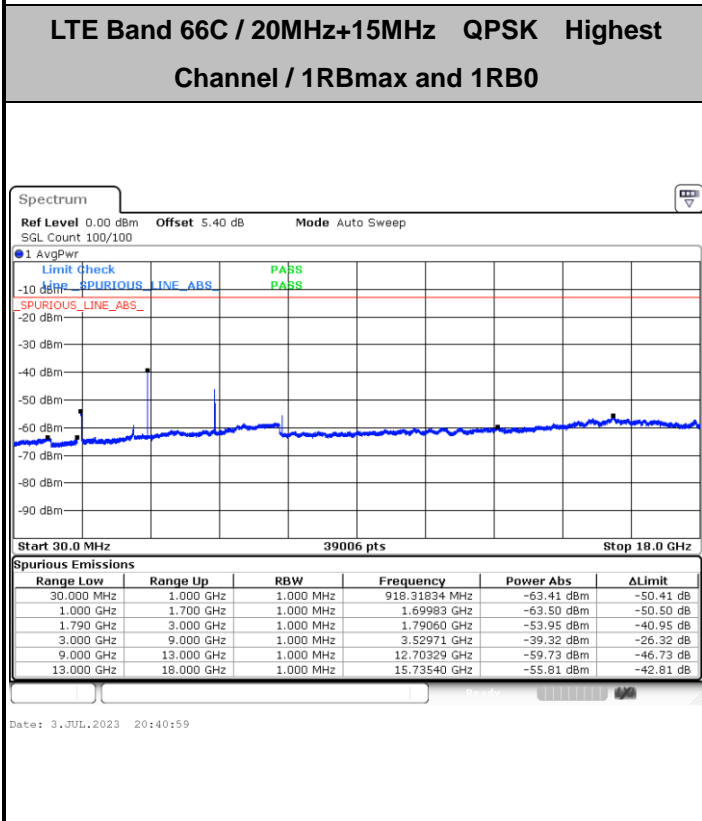
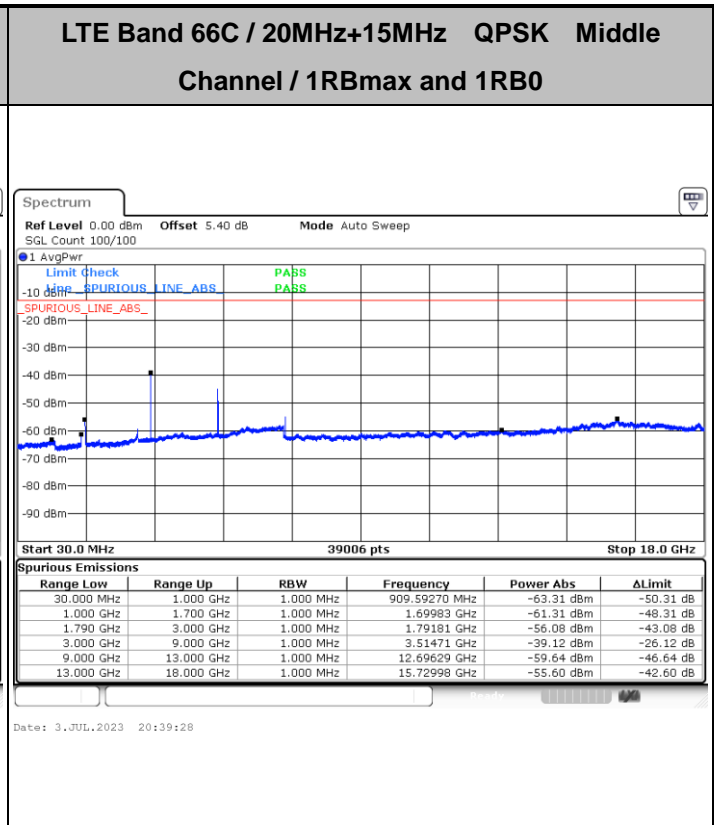
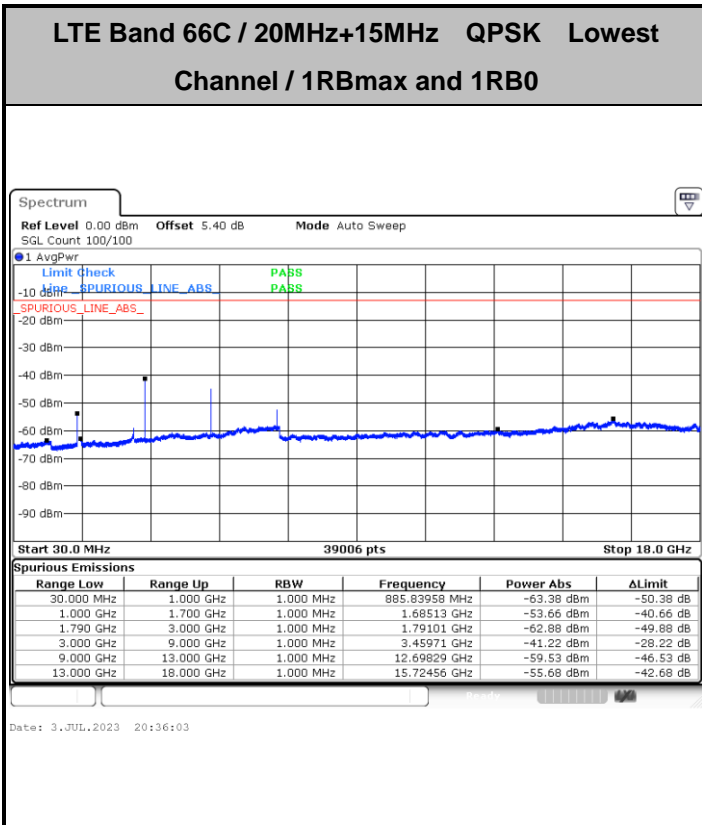
Date: 3.JUL.2023 19:21:18

Date: 3.JUL.2023 19:22:51

LTE Band 66C / 20MHz+10MHz QPSK Highest Channel / 1RBmax and 1RB0



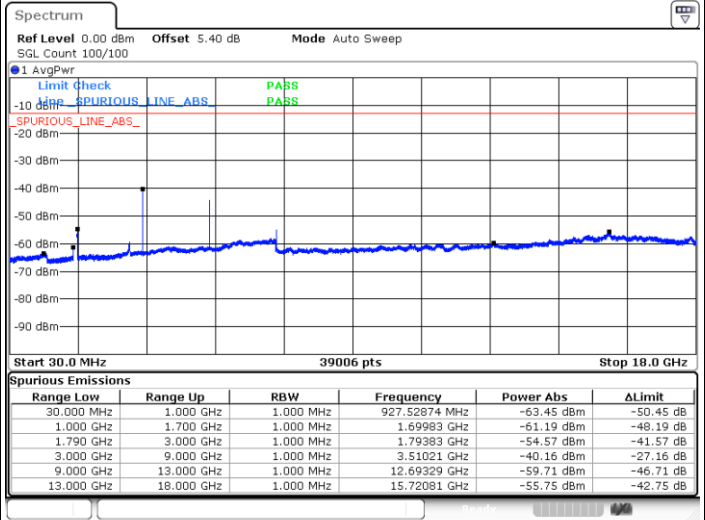
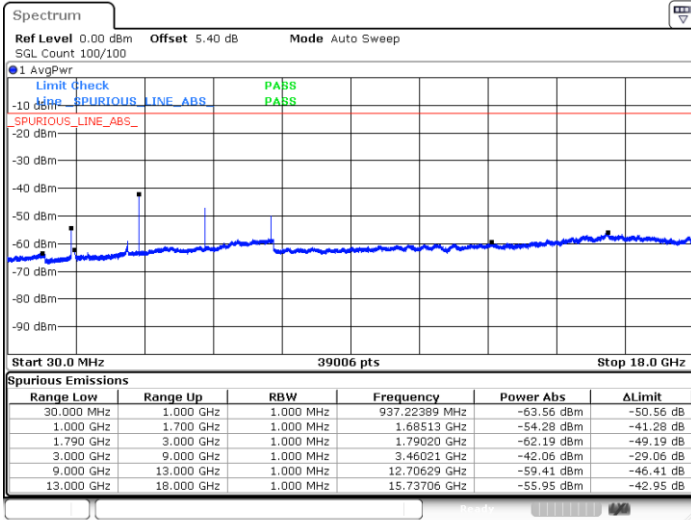
Date: 3.JUL.2023 19:26:13





LTE Band 66C / 20MHz+20MHz QPSK Lowest Channel / 1RBmax and 1RB0

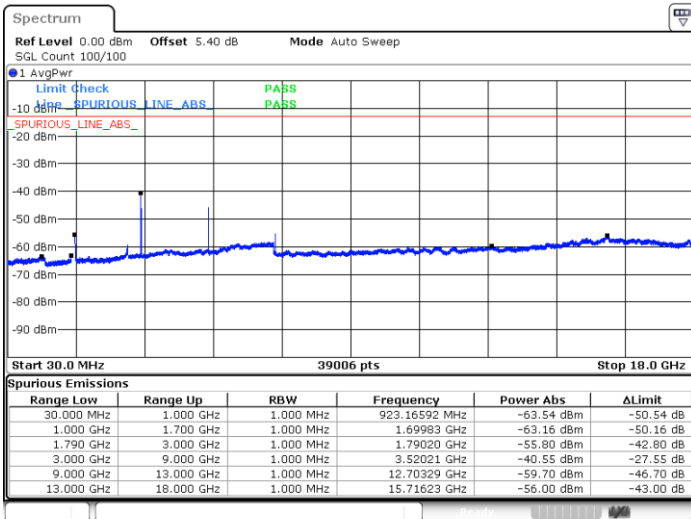
LTE Band 66C / 20MHz+20MHz QPSK Middle Channel / 1RBmax and 1RB0



Date: 3.JUL.2023 21:25:46

Date: 3.JUL.2023 21:27:18

LTE Band 66C / 20MHz+20MHz QPSK Highest Channel / 1RBmax and 1RB0



Date: 3.JUL.2023 21:30:46



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	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage =3.91V. ; 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 :	Carl Ni	Temperature :	22~23°C
		Relative Humidity :	40~42%

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

LTE Band 25 / 20MHz / QPSK (Ant0)								
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	3750	-57.89	-13	-44.89	-70.15	2.64	14.90	H
	5625	-57.31	-13	-44.31	-69.17	2.94	14.80	H
	7500	-54.76	-13	-41.76	-64.53	3.39	13.16	H
	3750	-57.96	-13	-44.96	-70.22	2.64	14.90	V
	5625	-58.14	-13	-45.14	-70.00	2.94	14.80	V
	7500	-54.86	-13	-41.86	-64.63	3.39	13.16	V

LTE Band 26 / 15MHz / QPSK (Ant0)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1656	-64.86	-13	-51.86	-71.83	1.58	10.70	H
	2488	-60.81	-13	-47.81	-69.06	2.102	12.50	H
	3320	-60.56	-13	-47.56	-69.45	2.856	13.90	H
	1656	-63.65	-13	-50.65	-70.62	1.58	10.70	V
	2488	-59.02	-13	-46.02	-67.27	2.10	12.50	V
	3320	-60.69	-13	-47.69	-69.58	2.86	13.90	V

LTE Band 66 / 20MHz / QPSK (Ant0)								
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	3465	-57.21	-13	-44.21	-67.95	2.604	13.34	H
	5205	-53.87	-13	-40.87	-64.38	3.011	13.52	H
	6945	-54.36	-13	-41.36	-64.56	3.271	13.47	H
	3465	-57.66	-13	-44.66	-68.40	2.604	13.34	V
	5205	-54.47	-13	-41.47	-64.98	3.011	13.52	V
	6945	-54.28	-13	-41.28	-64.48	3.271	13.47	V



LTE Band 66B / 10+10MHz / QPSK(ANT0)								
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)
PCC Middle (1RB0)	3495	-58.12	-13	-45.12	-68.86	2.604	13.34	H
	5235	-55.15	-13	-42.15	-65.66	3.011	13.52	H
	6975	-54.27	-13	-41.27	-64.47	3.271	13.47	H
	3495	-58.52	-13	-45.52	-69.26	2.604	13.34	V
	5235	-55.04	-13	-42.04	-65.55	3.011	13.52	V
	6975	-54.79	-13	-41.79	-64.99	3.271	13.47	V
SCC Middle (1RB Max)	3510	-58.24	-13	-45.24	-68.98	2.604	13.34	H
	5265	-55.9	-13	-42.90	-66.41	3.011	13.52	H
	7020	-54.42	-13	-41.42	-64.62	3.271	13.47	H
	3510	-58.8	-13	-45.80	-69.54	2.604	13.34	V
	5265	-55.63	-13	-42.63	-66.14	3.011	13.52	V
	7020	-54.34	-13	-41.34	-64.54	3.271	13.47	V

LTE Band 66C / 20+20MHz / QPSK(ANT0)								
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)
PCC Middle (1RB0)	3465	-57.87	-13	-44.87	-68.61	2.604	13.34	H
	5205	-54.93	-13	-41.93	-65.44	3.011	13.52	H
	6945	-54.44	-13	-41.44	-64.64	3.271	13.47	H
	3465	-58.06	-13	-45.06	-68.80	2.604	13.34	V
	5205	-54.48	-13	-41.48	-64.99	3.011	13.52	V
	6945	-54.66	-13	-41.66	-64.86	3.271	13.47	V
SCC Middle (1RB Max)	3510	-58.42	-13	-45.42	-69.16	2.604	13.34	H
	5265	-55.76	-13	-42.76	-66.27	3.011	13.52	H
	7020	-54.54	-13	-41.54	-64.74	3.271	13.47	H
	3510	-58.63	-13	-45.63	-69.37	2.604	13.34	V
	5265	-55.92	-13	-42.92	-66.43	3.011	13.52	V
	7020	-54.51	-13	-41.51	-64.71	3.271	13.47	V

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