



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	6.9	PASS
40	Normal Voltage	7.2	
30	Normal Voltage	4.6	
20(Ref.)	Normal Voltage	3.8	
10	Normal Voltage	4.6	
0	Normal Voltage	5.4	
-10	Normal Voltage	-2.1	
-20	Normal Voltage	-1.4	
-30	Normal Voltage	2.5	
20	Maximum Voltage	5.4	
20	Normal Voltage	3.8	
20	Battery End Point	4.1	

Note:

1. Normal Voltage = 3.91 V.; Battery End Point (BEP) = 3.4 V.; Maximum Voltage = 4.5 V.
2. The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block or frequency block group.

$|\text{MAX}(\Delta f)| = 7.2\text{Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	663.252243	$\geq 663 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	697.757747	$\leq 698 \text{ MHz}$	



LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.10	8.30	14.54
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.66	19.78	-

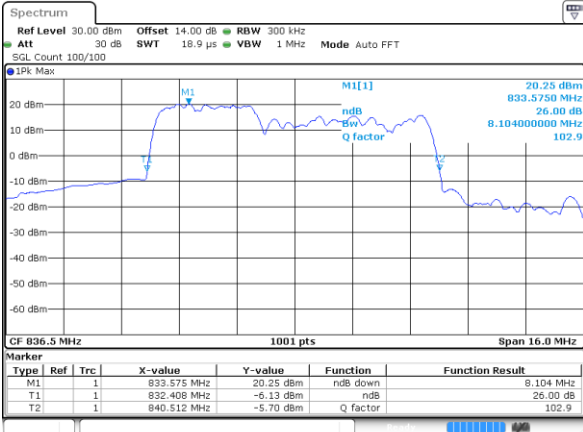
Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.10	8.12	14.72
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.66	19.66	-



LTE Band 5B

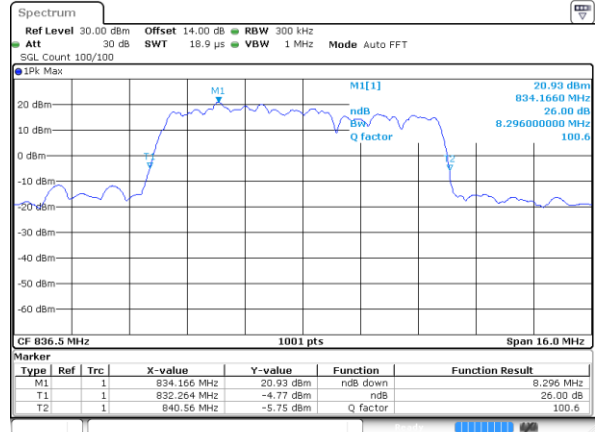
QPSK

Middle Channel / 3MHz+5MHz



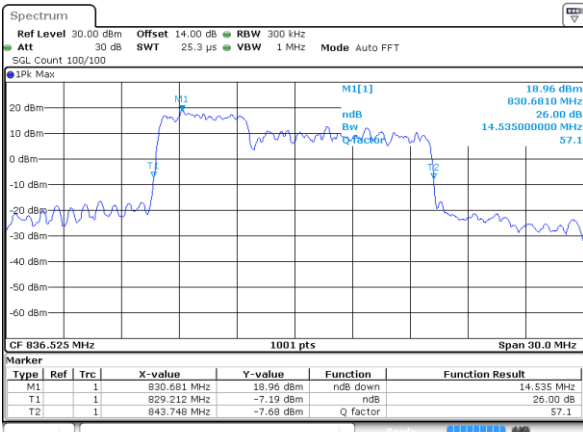
Date: 11 NOV 2024 16:22:10

Middle Channel / 5MHz+3MHz



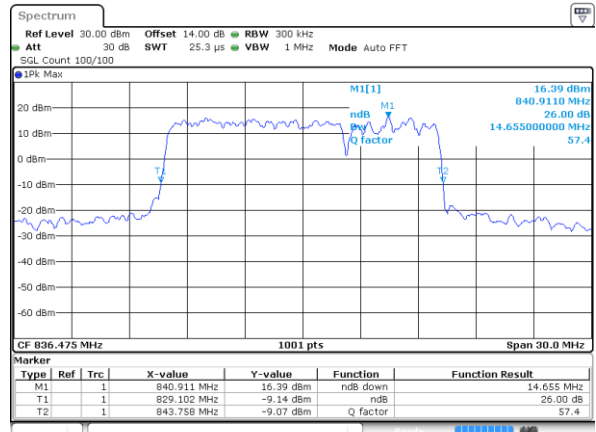
Date: 11 NOV 2024 16:47:02

Middle Channel / 5MHz+10MHz



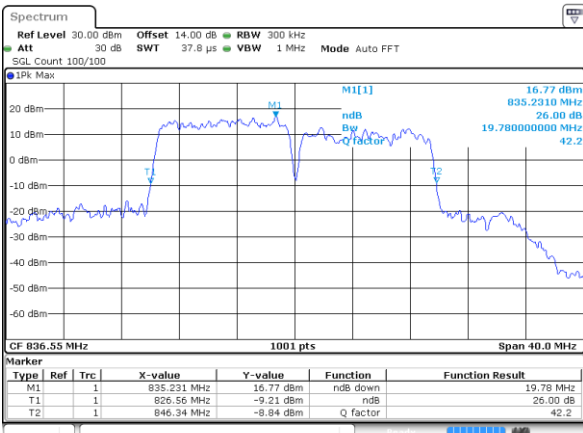
Date: 11 NOV 2024 17:11:38

Middle Channel / 10MHz+5MHz



Date: 12 NOV 2024 07:56:43

Middle Channel / 10MHz+10MHz



Date: 12 NOV 2024 09:03:10

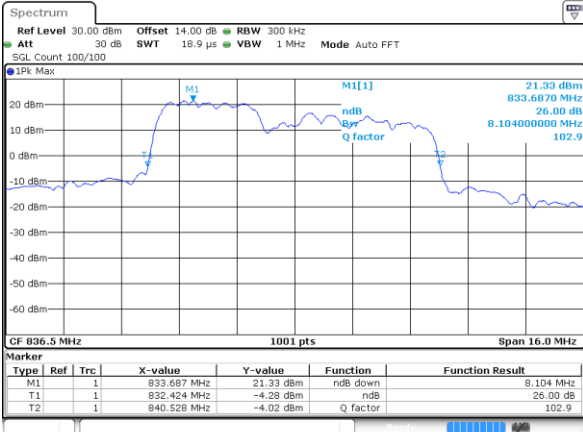
N/A



LTE Band 5B

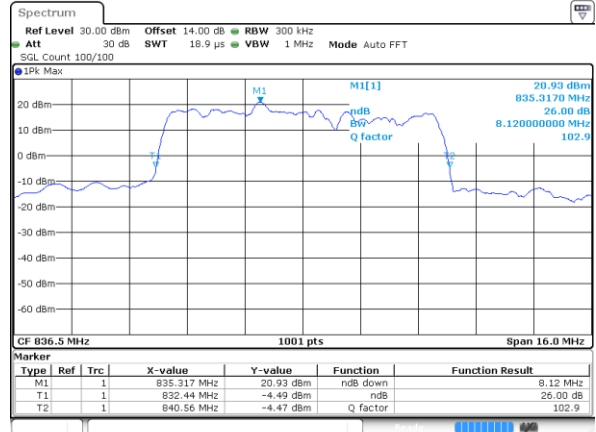
16QAM

Middle Channel / 3MHz+5MHz



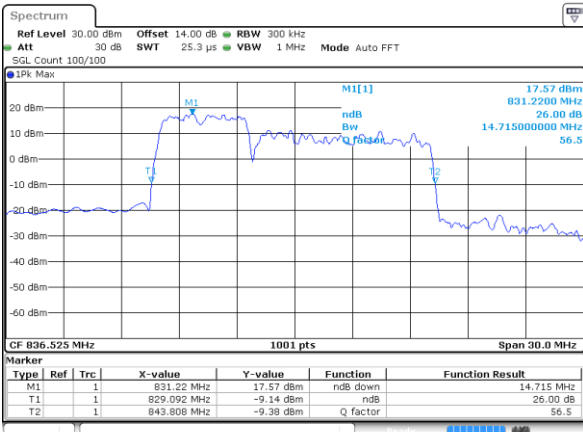
Date: 11 NOV 2024 16:22:40

Middle Channel / 5MHz+3MHz



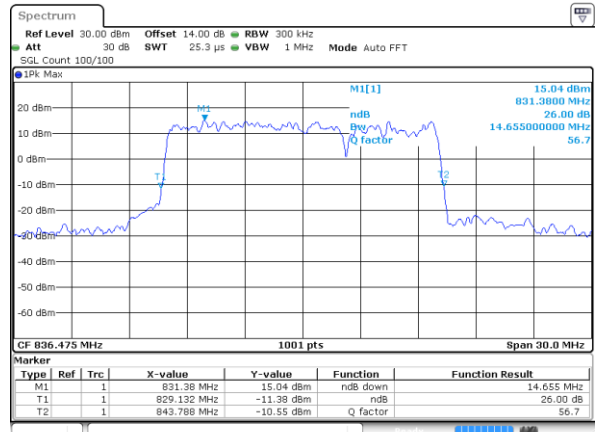
Date: 11 NOV 2024 16:47:32

Middle Channel / 5MHz+10MHz



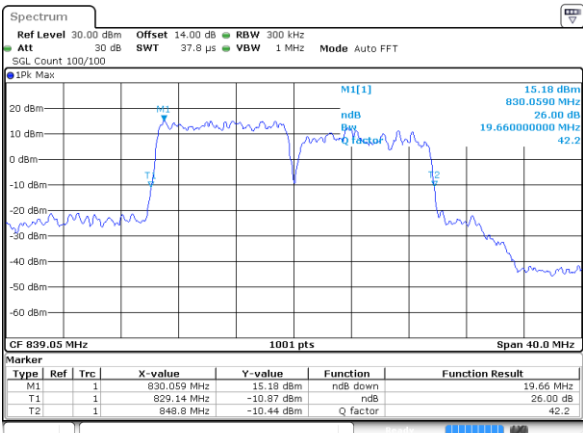
Date: 11 NOV 2024 17:12:08

Middle Channel / 10MHz+5MHz



Date: 12 NOV 2024 07:57:13

Middle Channel / 10MHz+10MHz



Date: 12 NOV 2024 10:30:26

N/A



Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.59	7.61	13.82
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.88	18.70	-

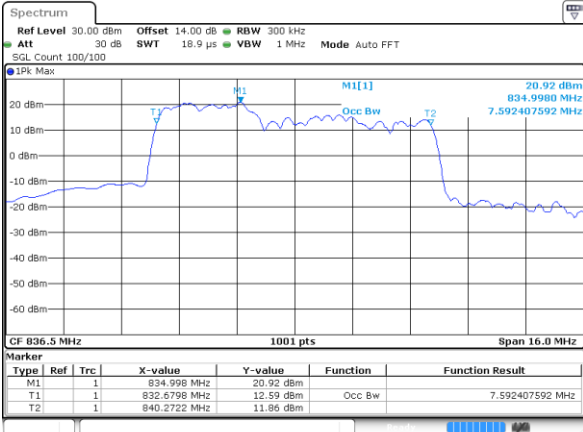
Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.54	7.54	13.79
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.85	18.66	-



LTE Band 5B

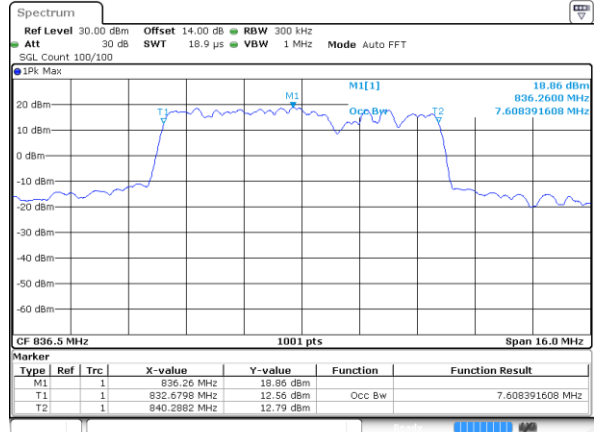
QPSK

Middle Channel / 3MHz+5MHz



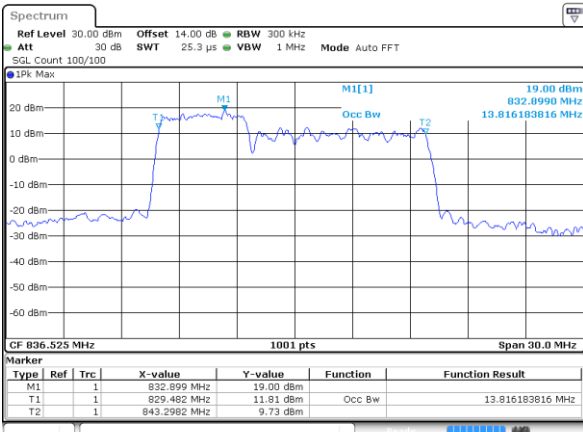
Date: 11 NOV 2024 16:21:39

Middle Channel / 5MHz+3MHz



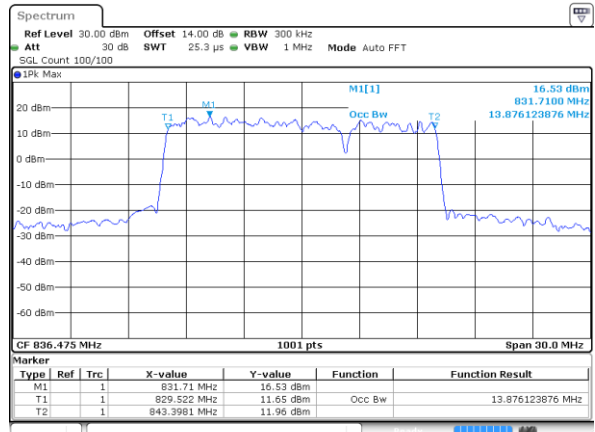
Date: 11 NOV 2024 16:46:31

Middle Channel / 5MHz+10MHz



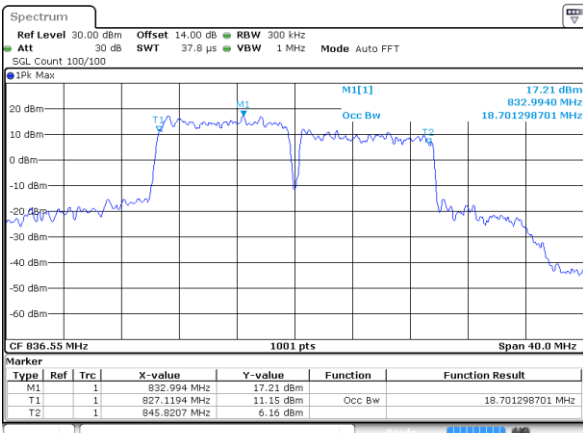
Date: 11 NOV 2024 17:11:07

Middle Channel / 10MHz+5MHz



Date: 12 NOV 2024 07:56:14

Middle Channel / 10MHz+10MHz



Date: 12 NOV 2024 09:29:36

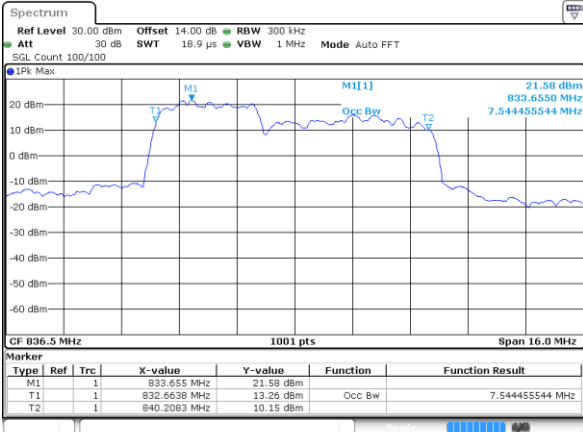
N/A



LTE Band 5B

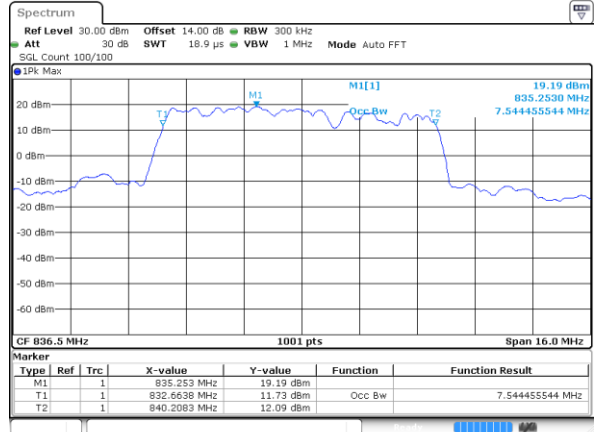
16QAM

Middle Channel / 3MHz+5MHz



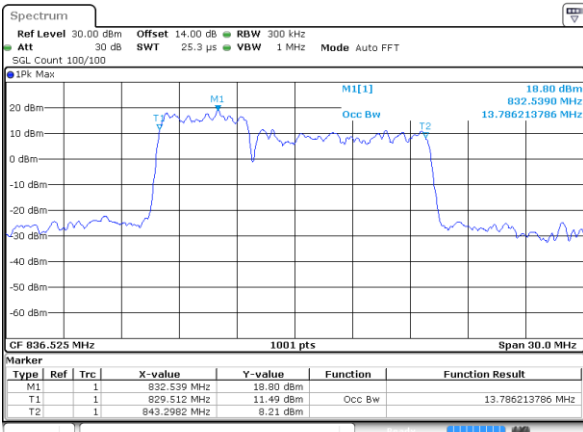
Date: 11 NOV 2024 16:23:11

Middle Channel / 5MHz+3MHz



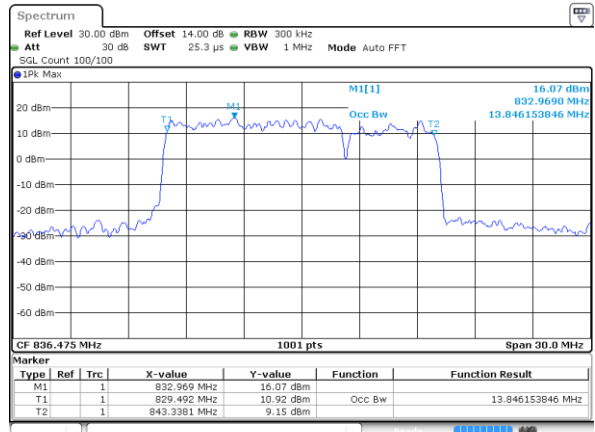
Date: 11 NOV 2024 16:48:03

Middle Channel / 5MHz+10MHz



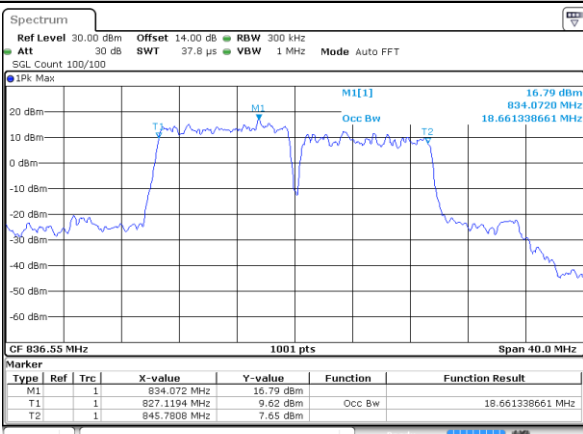
Date: 11 NOV 2024 17:12:39

Middle Channel / 10MHz+5MHz



Date: 12 NOV 2024 07:57:42

Middle Channel / 10MHz+10MHz



Date: 12 NOV 2024 09:52:37

N/A

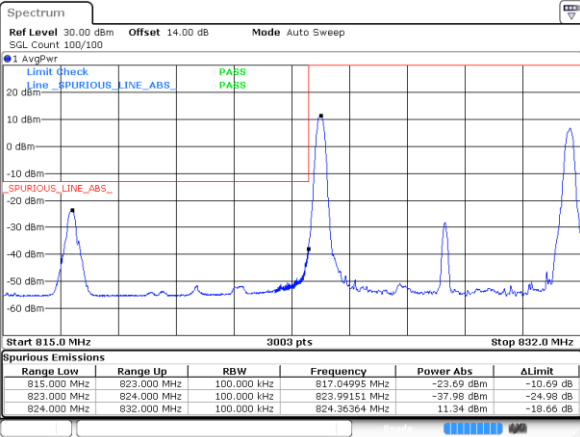


Conducted Band Edge

LTE Band 5B / 3MHz+5MHz

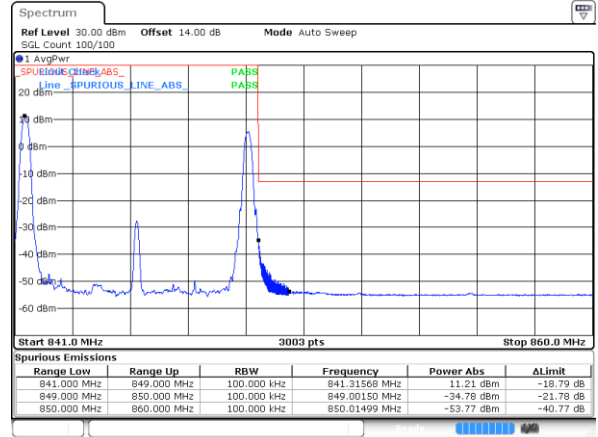
QPSK

Lowest Band Edge / 1RB0 and 1RB24



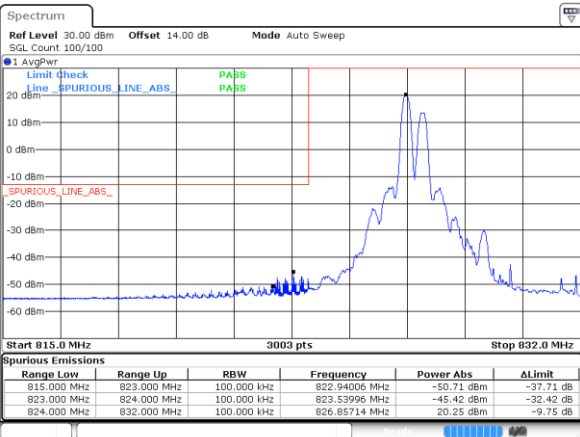
Date: 11.NOV.2024 16:32:10

Highest Band Edge / 1RB0 and 1RB24



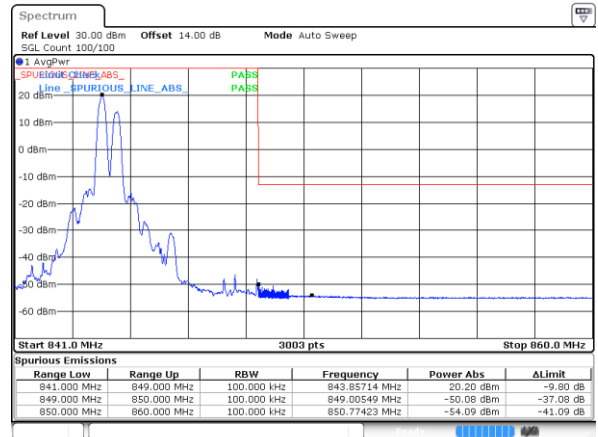
Date: 11.NOV.2024 16:39:29

Lowest Band Edge / 1RB14 and 1RB0



Date: 11.NOV.2024 16:26:53

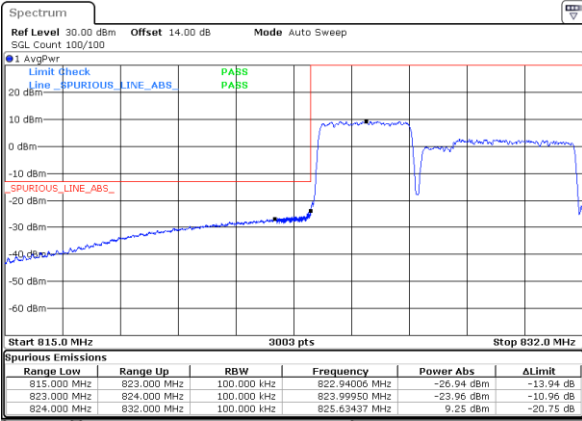
Highest Band Edge / 1RB14 and 1RB0



Date: 11.NOV.2024 16:44:33

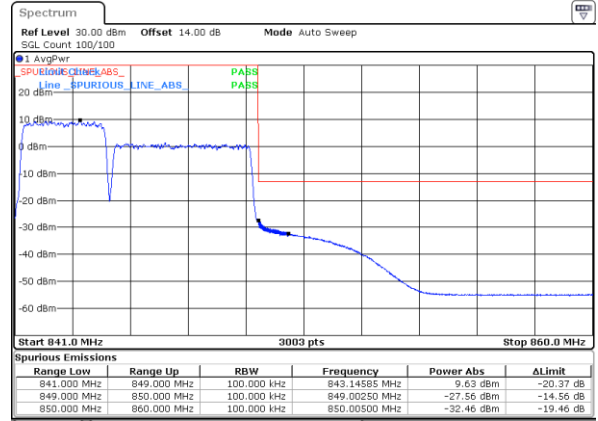


Lowest Band Edge / Full RB



Date: 11.NOV.2024 16:33:11

Highest Band Edge / Full RB



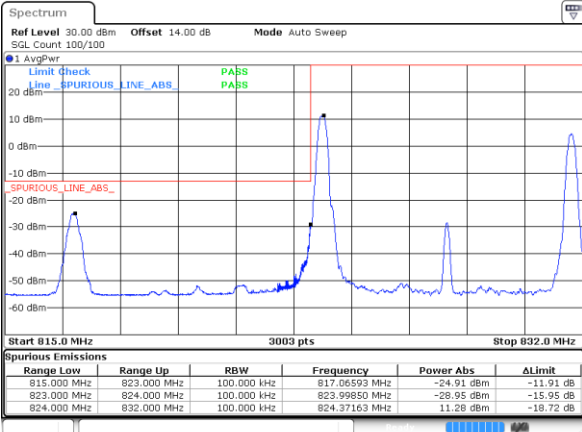
Date: 11.NOV.2024 16:38:28



LTE Band 5B / 5MHz+3MHz

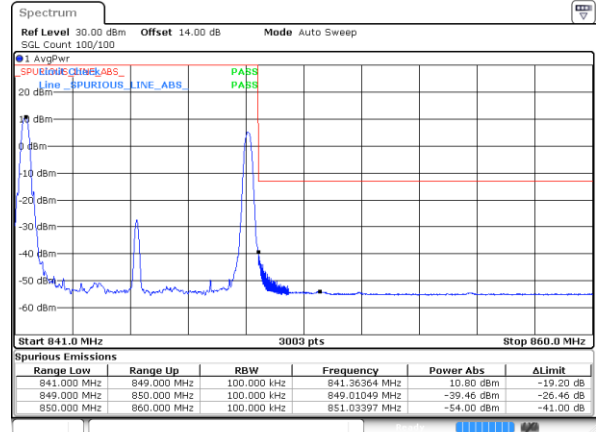
QPSK

Lowest Band Edge / 1RB0 and 1RB14



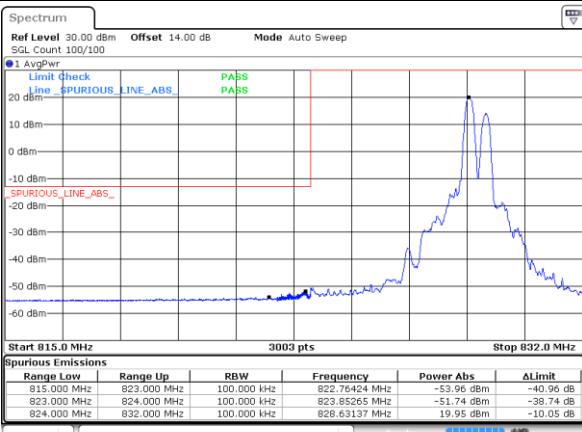
Date: 11.NOV.2024 16:56:49

Highest Band Edge / 1RB0 and 1RB14



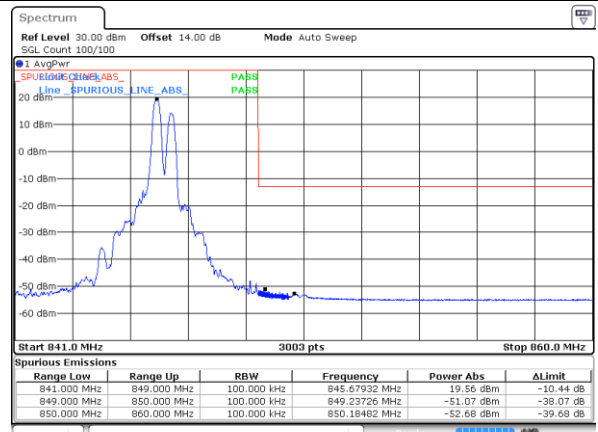
Date: 11.NOV.2024 17:04:08

Lowest Band Edge / 1RB24 and 1RB0



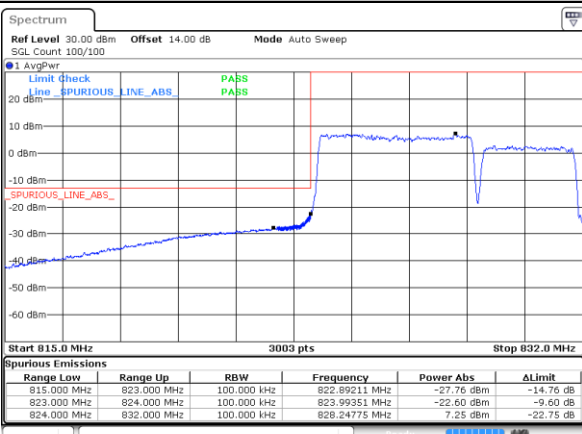
Date: 11.NOV.2024 16:51:45

Highest Band Edge / 1RB24 and 1RB0



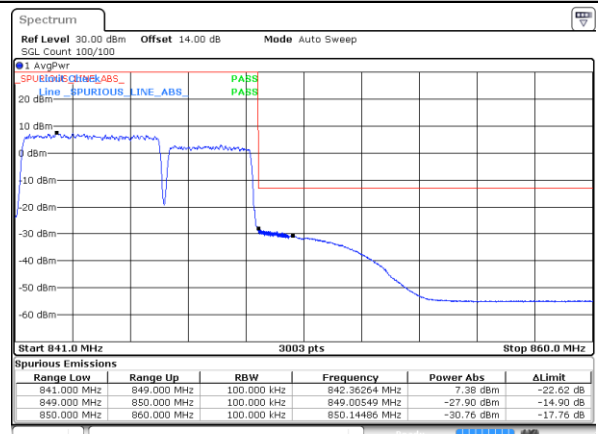
Date: 11.NOV.2024 17:09:11

Lowest Band Edge / Full RB



Date: 11.NOV.2024 16:57:50

Highest Band Edge / Full RB



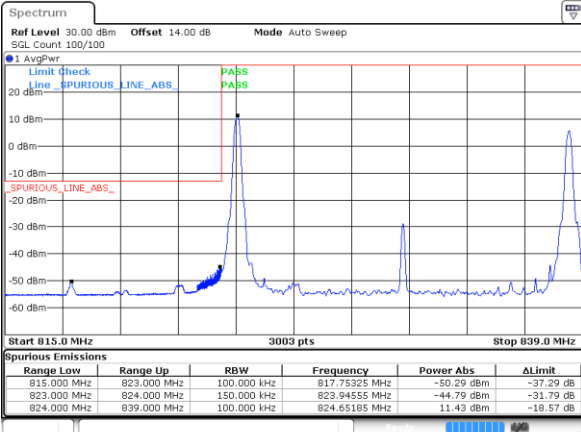
Date: 11.NOV.2024 17:03:07



LTE Band 5B / 5MHz+10MHz

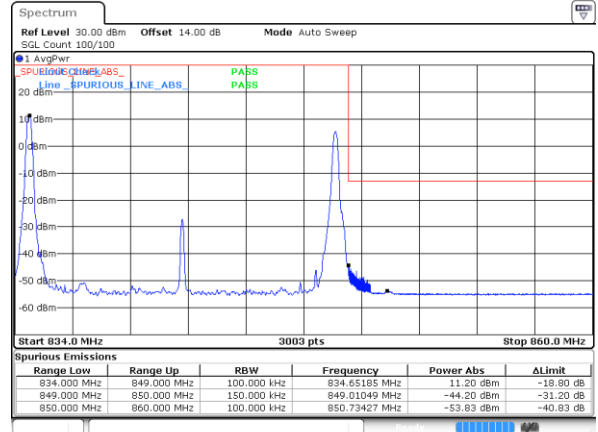
QPSK

Lowest Band Edge / 1RB0 and 1RB49



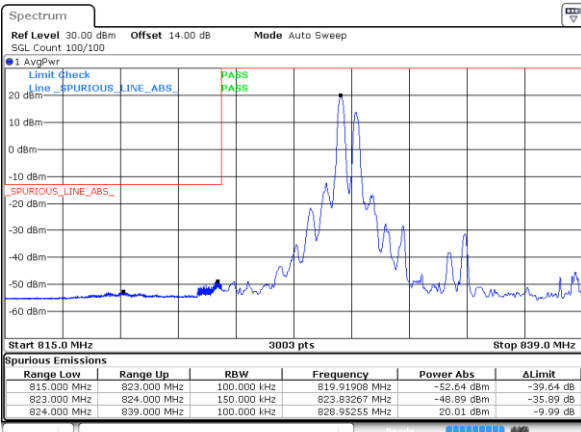
Date: 11 NOV 2024 17:21:22

Highest Band Edge / 1RB0 and 1RB49



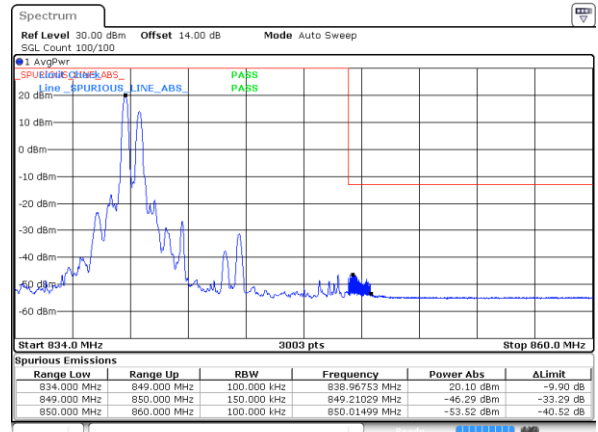
Date: 12 NOV 2024 07:44:30

Lowest Band Edge / 1RB24 and 1RB0



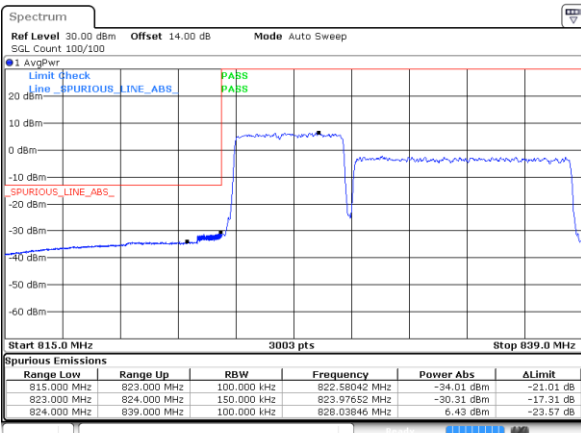
Date: 11 NOV 2024 17:16:18

Highest Band Edge / 1RB24 and 1RB0



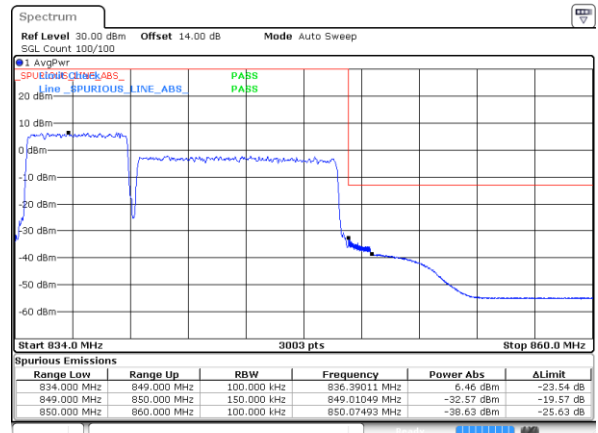
Date: 12 NOV 2024 07:49:29

Lowest Band Edge / Full RB



Date: 11 NOV 2024 17:22:24

Highest Band Edge / Full RB



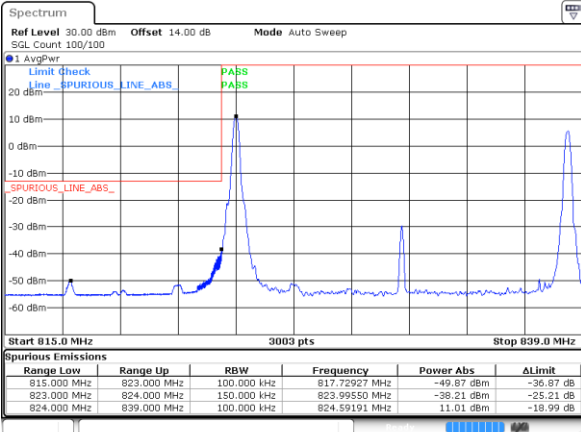
Date: 12 NOV 2024 07:43:31



LTE Band 5B / 10MHz+5MHz

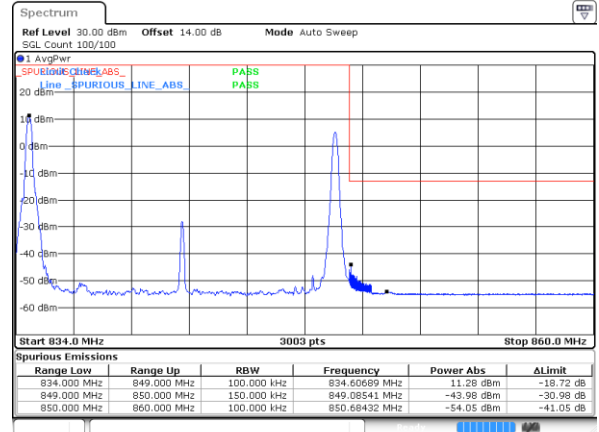
QPSK

Lowest Band Edge / 1RB0 and 1RB24



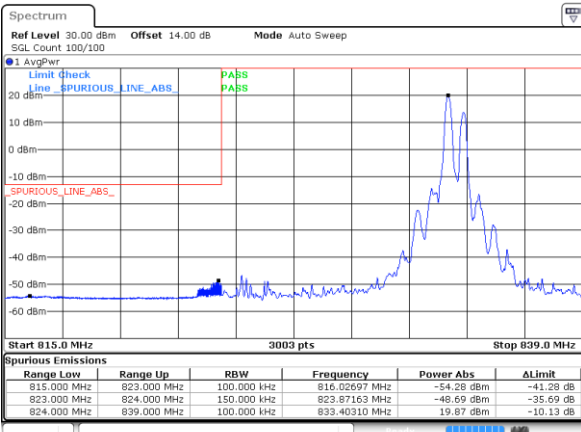
Date: 12 NOV 2024 08:06:16

Highest Band Edge / 1RB0 and 1RB24



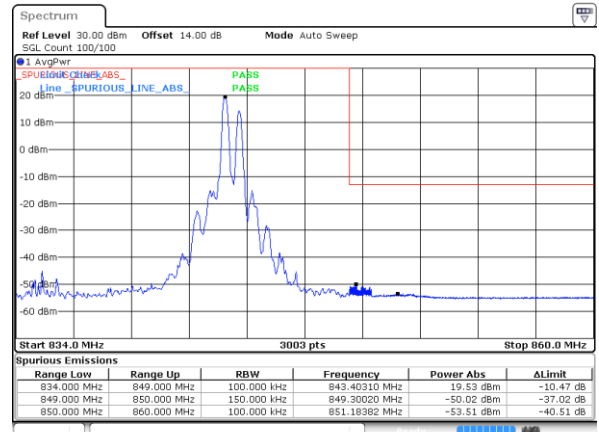
Date: 12 NOV 2024 08:15:29

Lowest Band Edge / 1RB49 and 1RB0



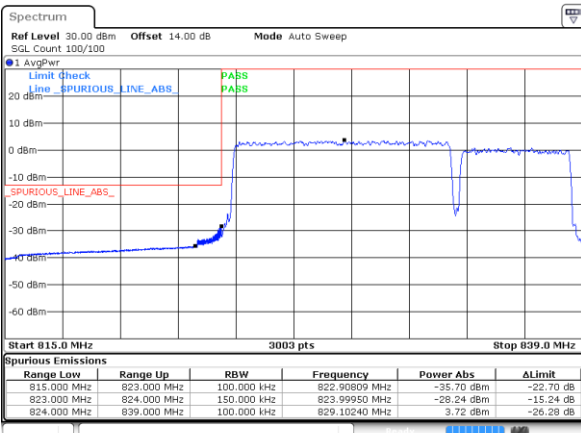
Date: 12 NOV 2024 08:03:17

Highest Band Edge / 1RB49 and 1RB0



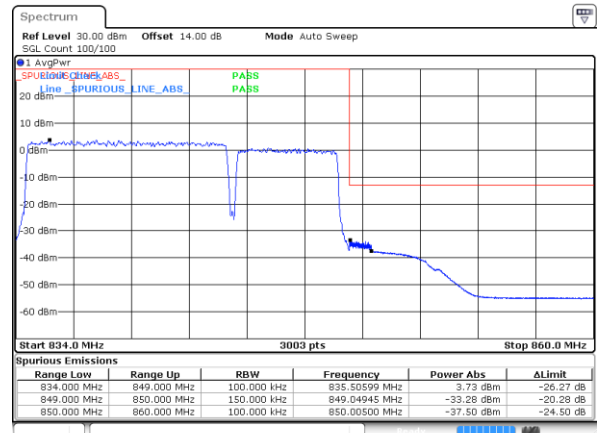
Date: 12 NOV 2024 08:20:27

Lowest Band Edge / Full RB



Date: 12 NOV 2024 08:09:17

Highest Band Edge / Full RB



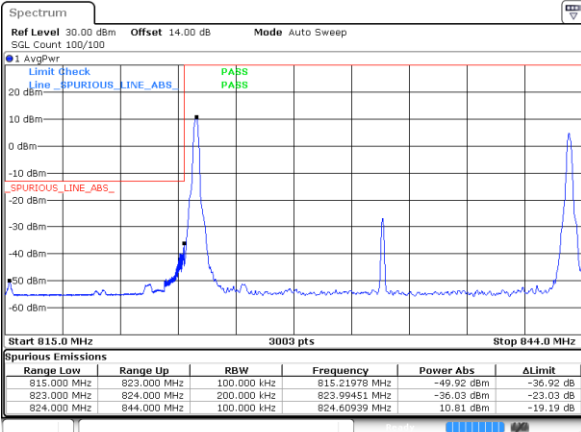
Date: 12 NOV 2024 08:14:29



LTE Band 5B / 10MHz+10MHz

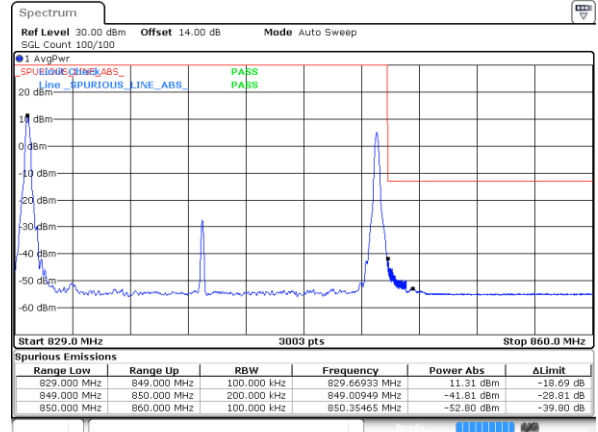
QPSK

Lowest Band Edge / 1RB0 and 1RB49



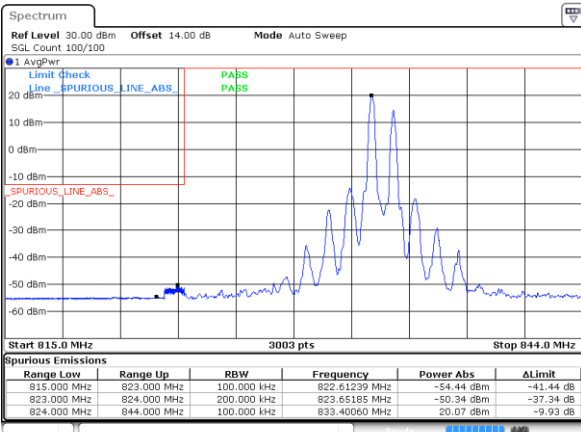
Date: 12 NOV 2024 10:15:24

Highest Band Edge / 1RB0 and 1RB49



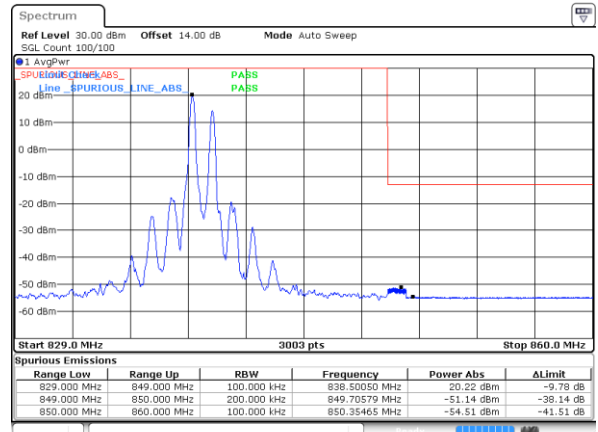
Date: 12 NOV 2024 10:22:10

Lowest Band Edge / 1RB49 and 1RB0



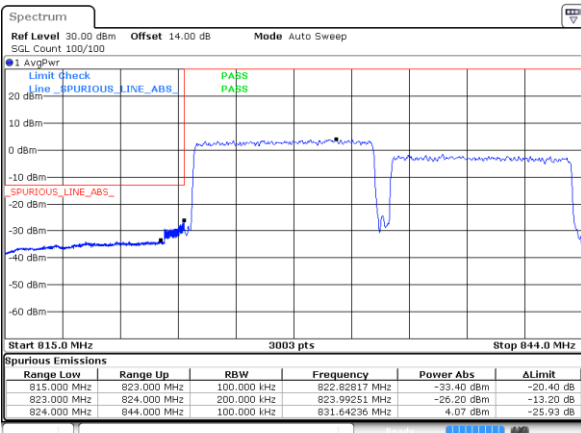
Date: 12 NOV 2024 10:10:31

Highest Band Edge / 1RB49 and 1RB0



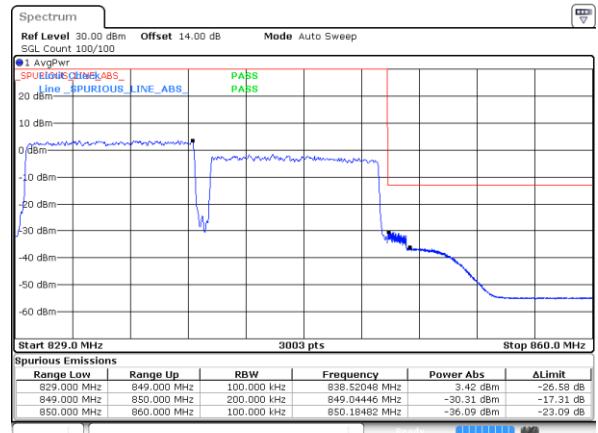
Date: 12 NOV 2024 10:26:59

Lowest Band Edge / Full RB



Date: 12 NOV 2024 10:16:23

Highest Band Edge / Full RB



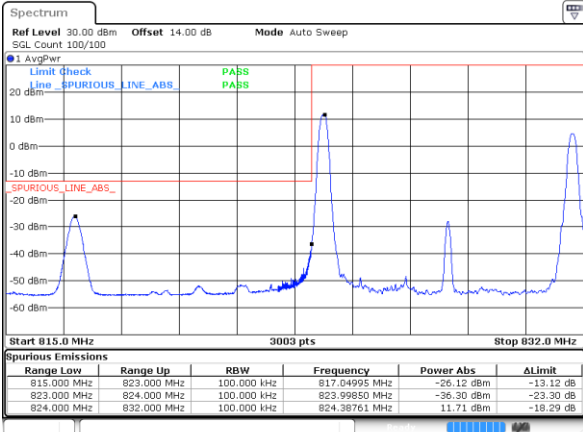
Date: 12 NOV 2024 10:21:12



LTE Band 5B / 3MHz+5MHz

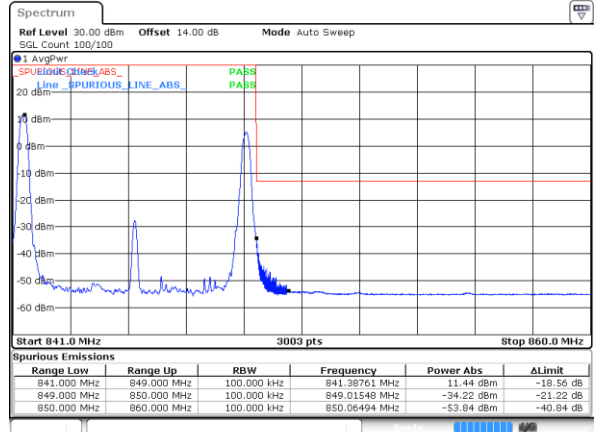
16QAM

Lowest Band Edge / 1RB0 and 1RB24



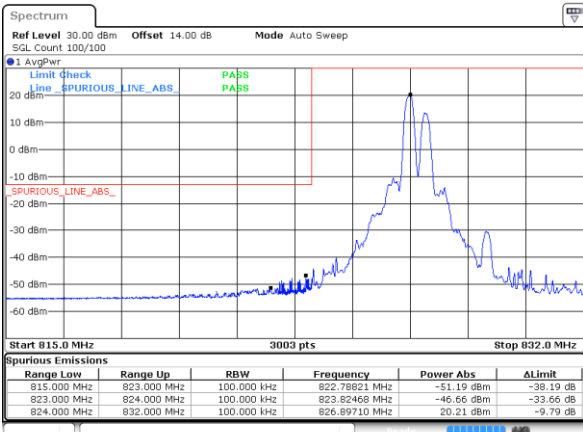
Date: 11 NOV 2024 16:31:09

Highest Band Edge / 1RB0 and 1RB24



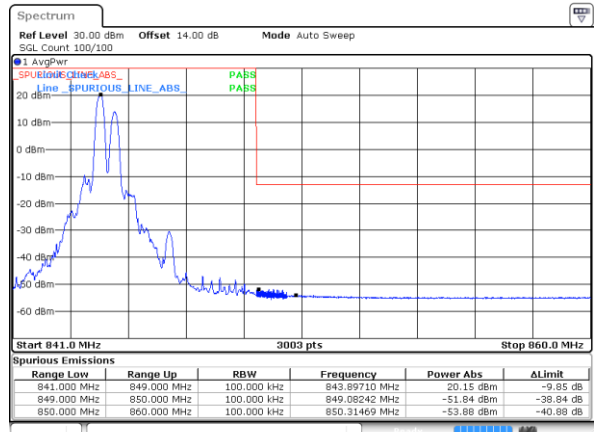
Date: 11 NOV 2024 16:40:30

Lowest Band Edge / 1RB14 and 1RB0



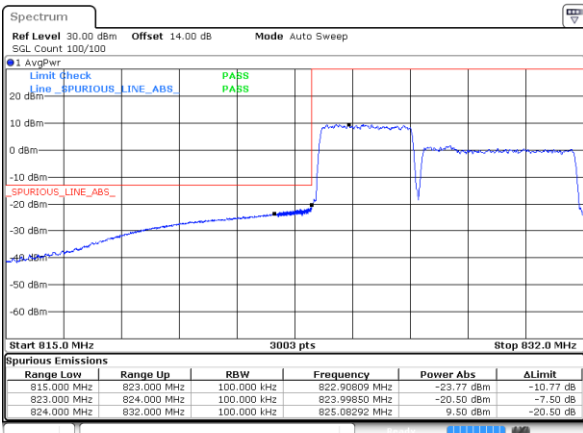
Date: 11 NOV 2024 16:27:54

Highest Band Edge / 1RB14 and 1RB0



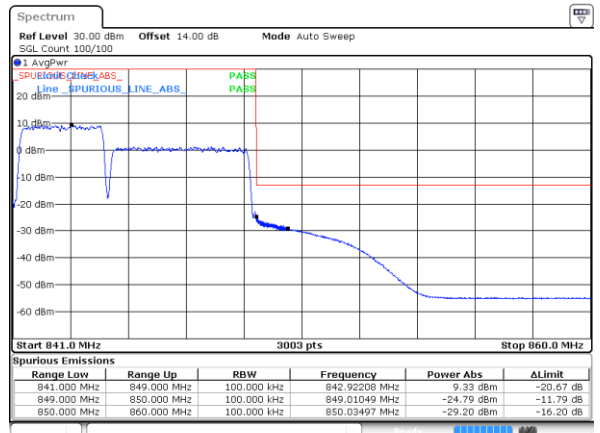
Date: 11 NOV 2024 16:43:32

Lowest Band Edge / Full RB



Date: 11 NOV 2024 16:34:12

Highest Band Edge / Full RB



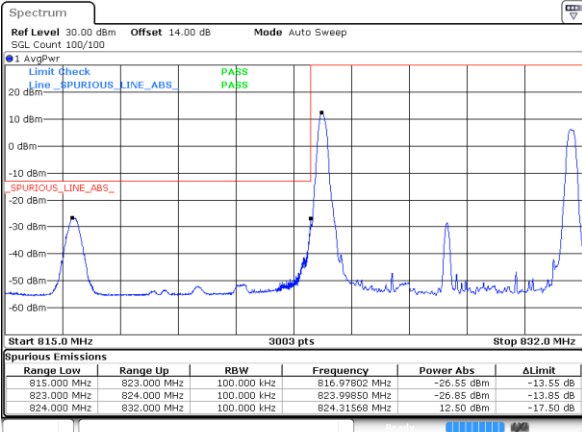
Date: 11 NOV 2024 16:37:28



LTE Band 5B / 5MHz+3MHz

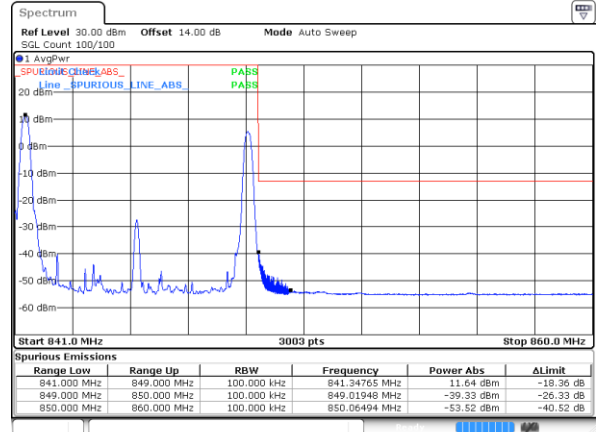
16QAM

Lowest Band Edge / 1RB0 and 1RB14



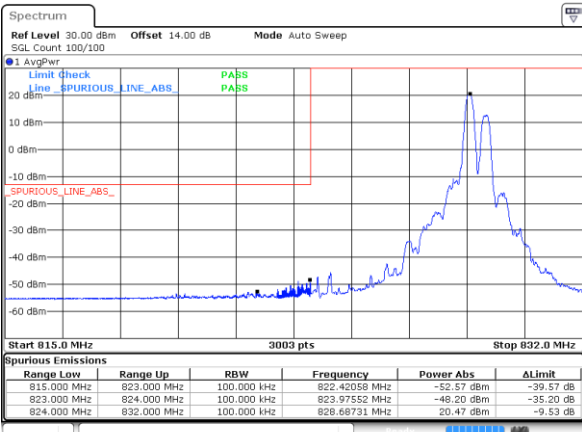
Date: 11 NOV 2024 16:55:48

Highest Band Edge / 1RB0 and 1RB14



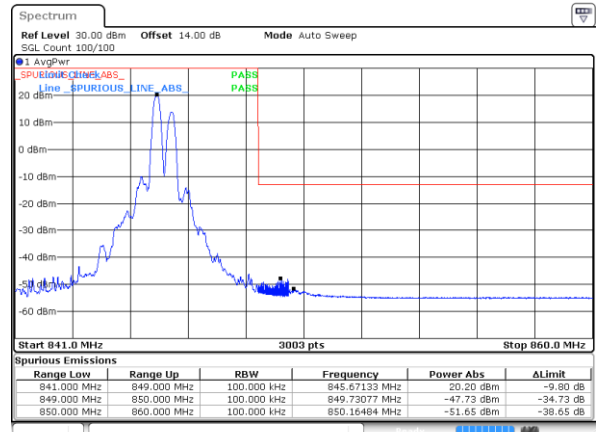
Date: 11 NOV 2024 17:05:08

Lowest Band Edge / 1RB24 and 1RB0



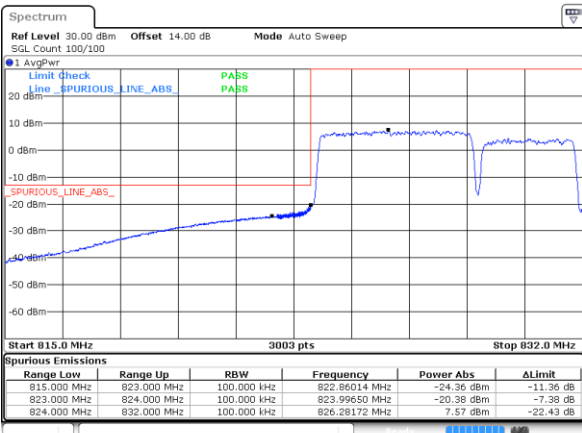
Date: 11 NOV 2024 16:52:46

Highest Band Edge / 1RB24 and 1RB0



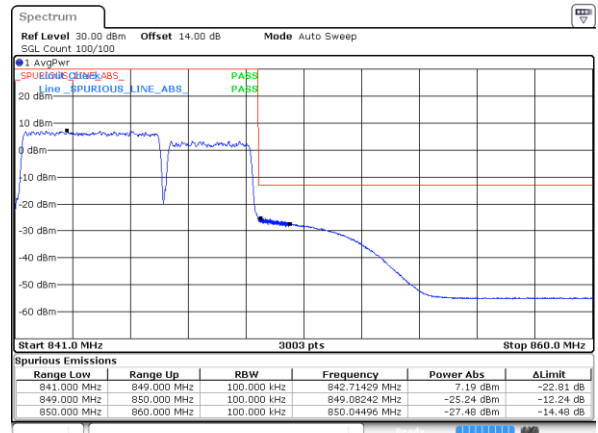
Date: 11 NOV 2024 17:06:10

Lowest Band Edge / Full RB



Date: 11 NOV 2024 16:56:51

Highest Band Edge / Full RB



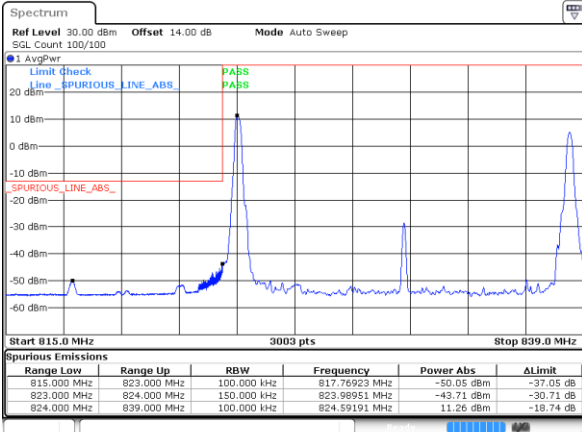
Date: 11 NOV 2024 17:02:06



LTE Band 5B / 5MHz+10MHz

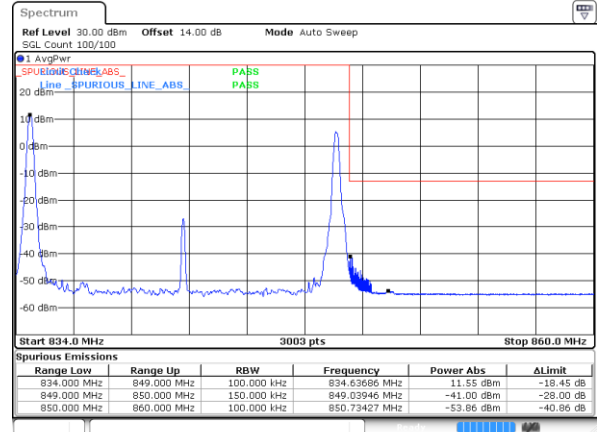
16QAM

Lowest Band Edge / 1RB0 and 1RB49



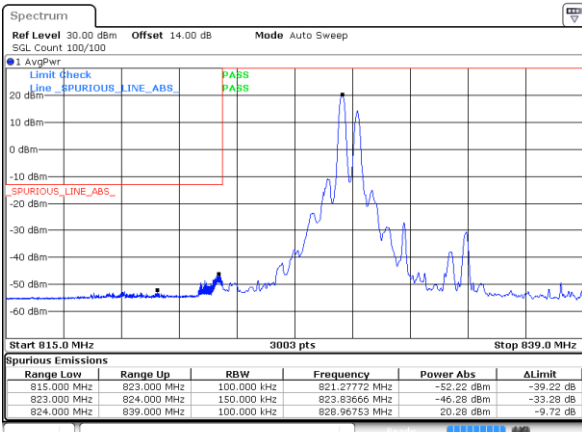
Date: 11 NOV 2024 17:20:22

Highest Band Edge / 1RB0 and 1RB49



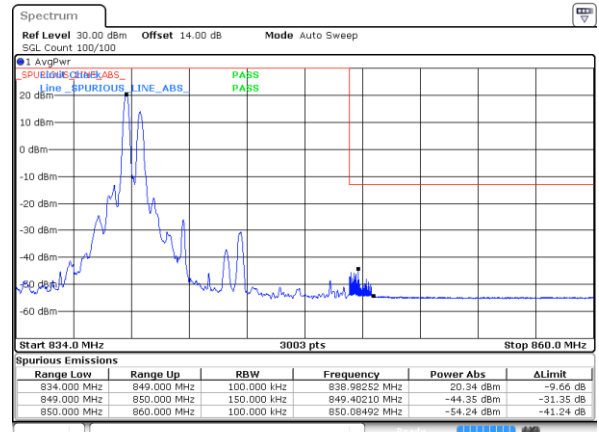
Date: 12 NOV 2024 07:45:30

Lowest Band Edge / 1RB24 and 1RB0



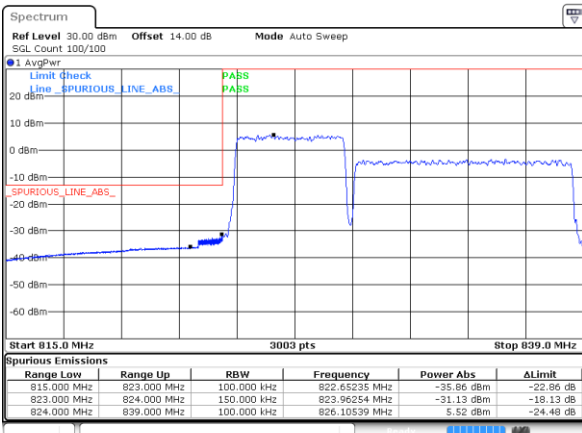
Date: 11 NOV 2024 17:17:19

Highest Band Edge / 1RB24 and 1RB0



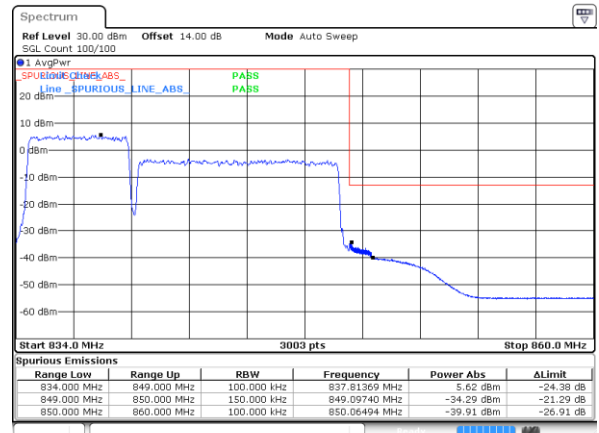
Date: 12 NOV 2024 07:46:30

Lowest Band Edge / Full RB



Date: 11 NOV 2024 17:23:24

Highest Band Edge / Full RB



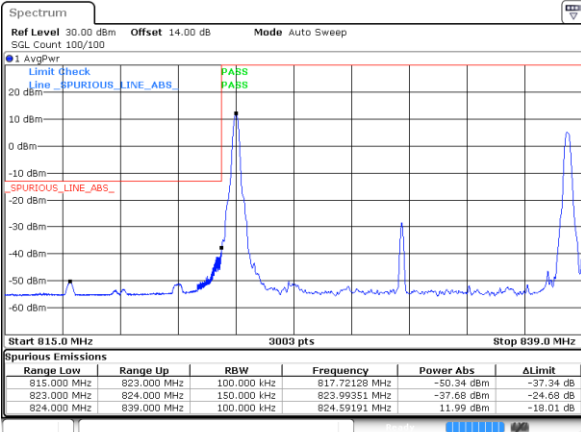
Date: 12 NOV 2024 07:42:31



LTE Band 5B / 10MHz+5MHz

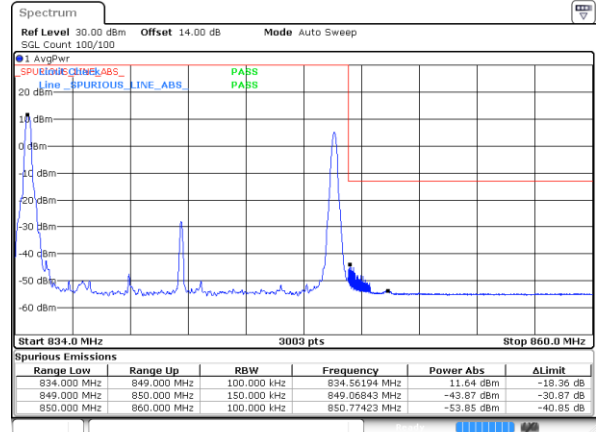
16QAM

Lowest Band Edge / 1RB0 and 1RB24



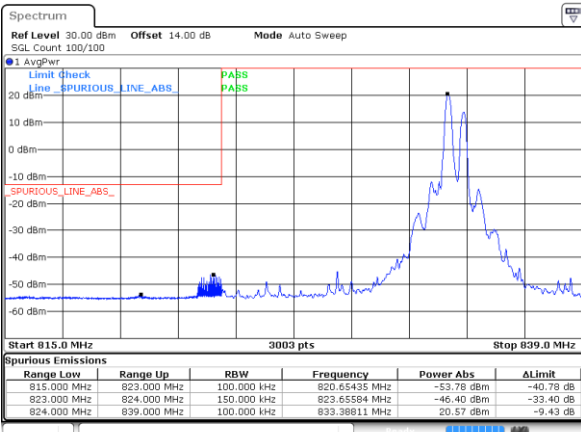
Date: 12 NOV 2024 08:07:17

Highest Band Edge / 1RB0 and 1RB24



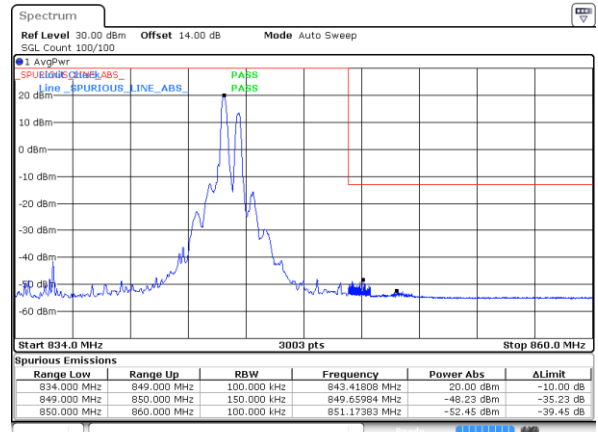
Date: 12 NOV 2024 08:16:29

Lowest Band Edge / 1RB49 and 1RB0



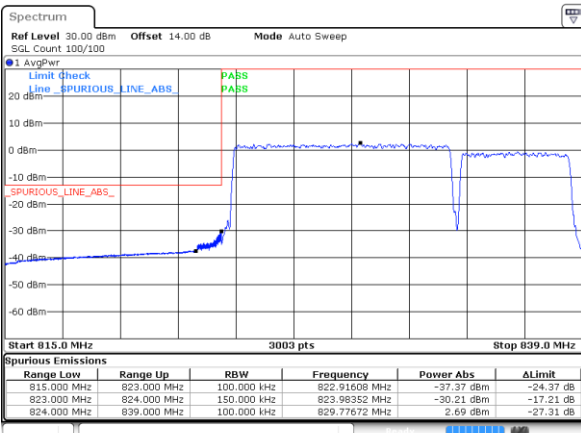
Date: 12 NOV 2024 08:04:17

Highest Band Edge / 1RB49 and 1RB0



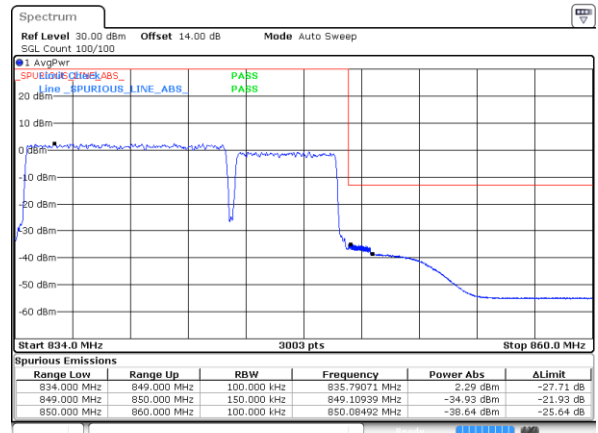
Date: 12 NOV 2024 08:19:28

Lowest Band Edge / Full RB



Date: 12 NOV 2024 08:10:17

Highest Band Edge / Full RB



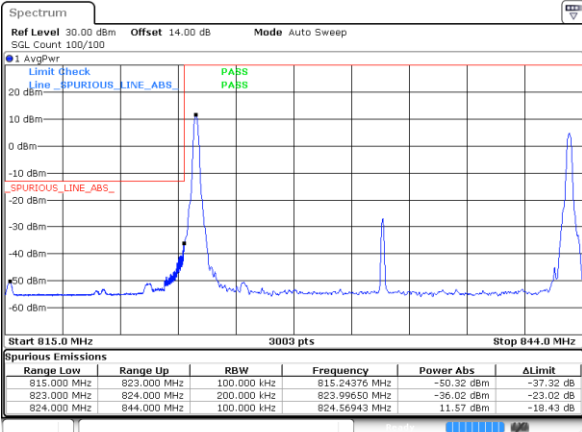
Date: 12 NOV 2024 08:13:29



LTE Band 5B / 10MHz+10MHz

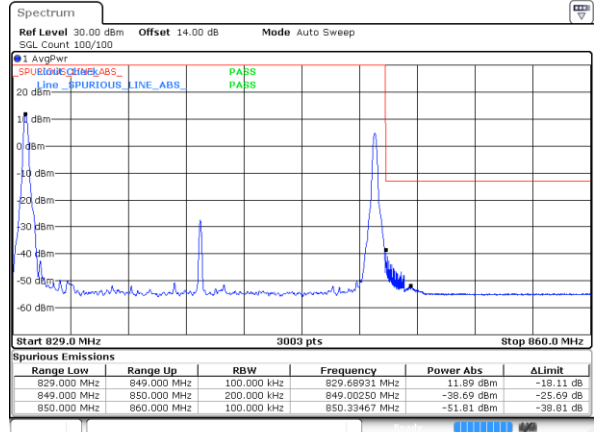
16QAM

Lowest Band Edge / 1RB0 and 1RB49



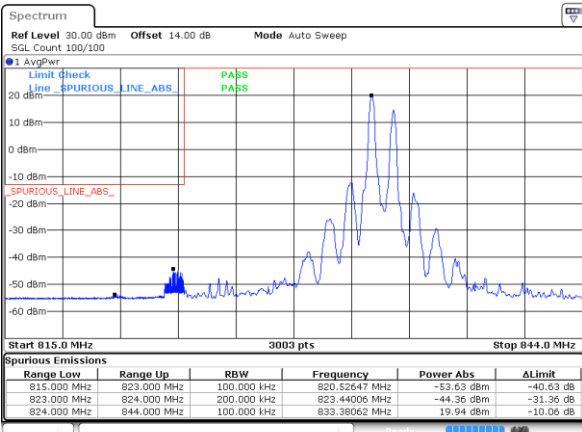
Date: 12 NOV 2024 10:14:27

Highest Band Edge / 1RB0 and 1RB49



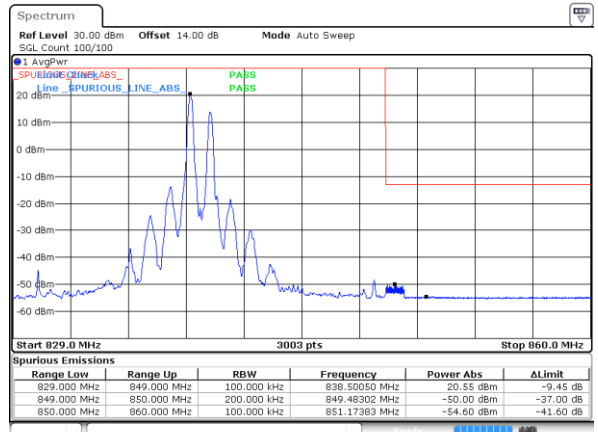
Date: 12 NOV 2024 10:23:08

Lowest Band Edge / 1RB49 and 1RB0



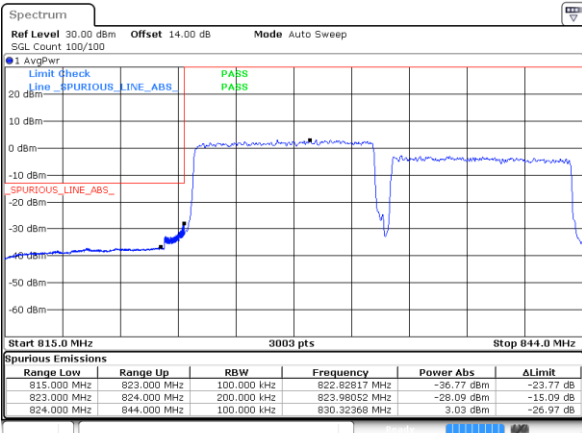
Date: 12 NOV 2024 10:11:33

Highest Band Edge / 1RB49 and 1RB0



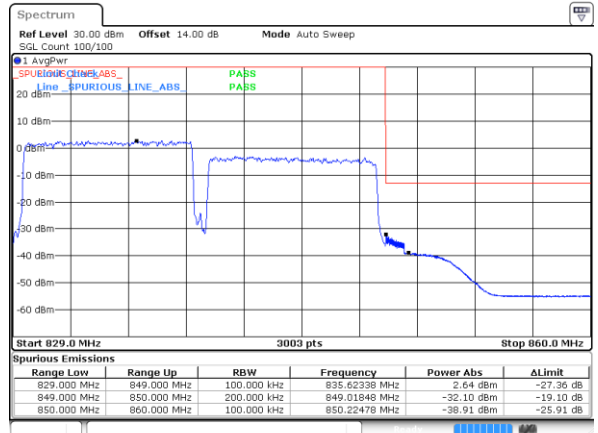
Date: 12 NOV 2024 10:26:01

Lowest Band Edge / Full RB



Date: 12 NOV 2024 10:17:21

Highest Band Edge / Full RB



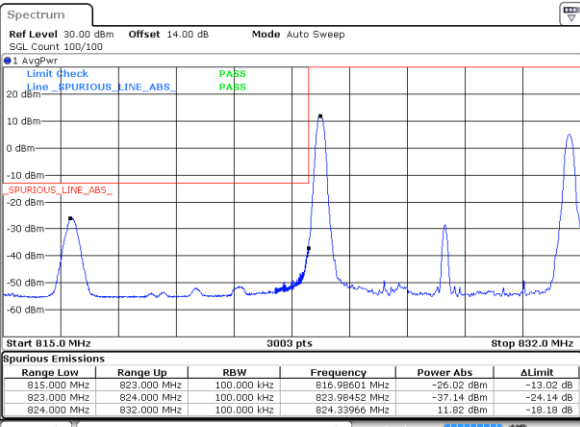
Date: 12 NOV 2024 10:20:15



LTE Band 5B / 3MHz+5MHz

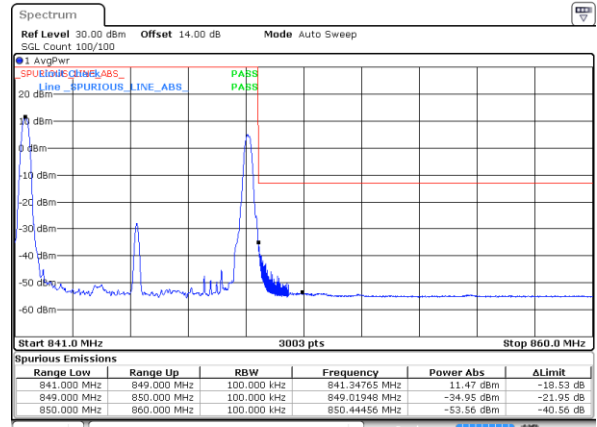
64QAM

Lowest Band Edge / 1RB0 and 1RB24



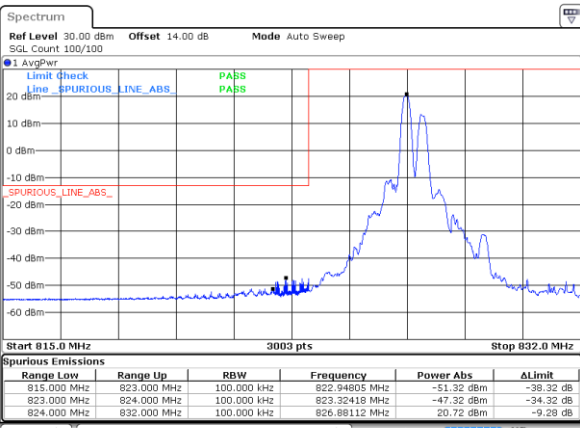
Date: 11 NOV 2024 16:30:02

Highest Band Edge / 1RB0 and 1RB24



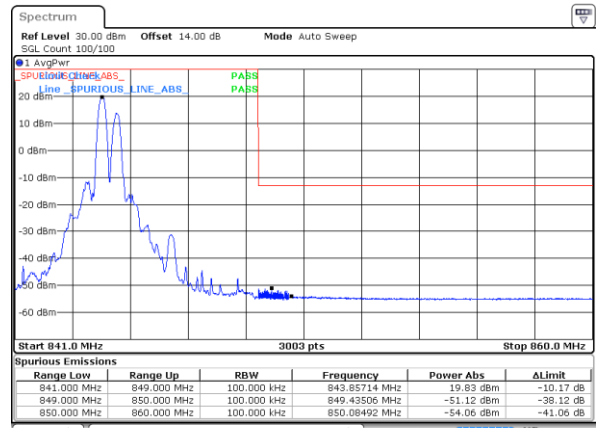
Date: 11 NOV 2024 16:41:31

Lowest Band Edge / 1RB14 and 1RB0



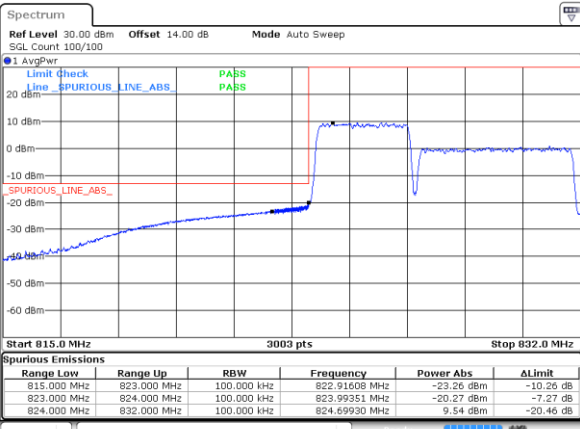
Date: 11 NOV 2024 16:29:01

Highest Band Edge / 1RB14 and 1RB0



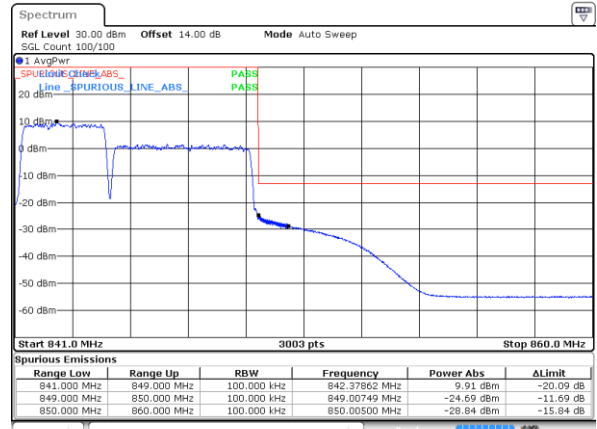
Date: 11 NOV 2024 16:42:31

Lowest Band Edge / Full RB



Date: 11 NOV 2024 16:35:12

Highest Band Edge / Full RB



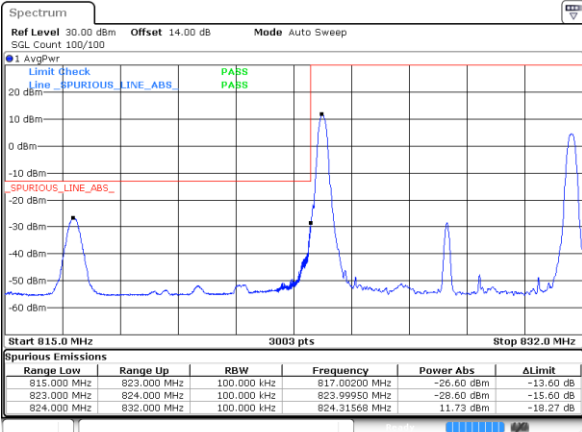
Date: 11 NOV 2024 16:36:27



LTE Band 5B / 5MHz+3MHz

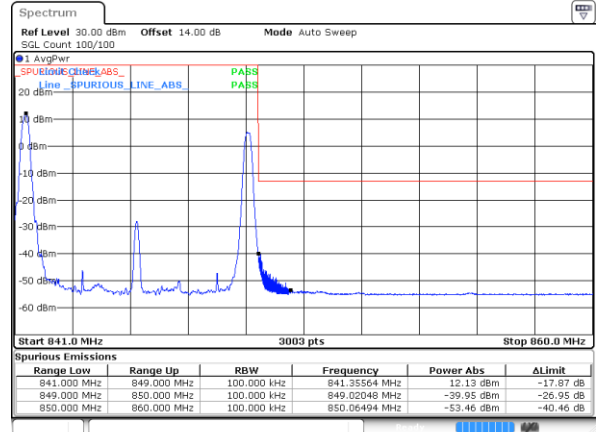
64QAM

Lowest Band Edge / 1RB0 and 1RB14



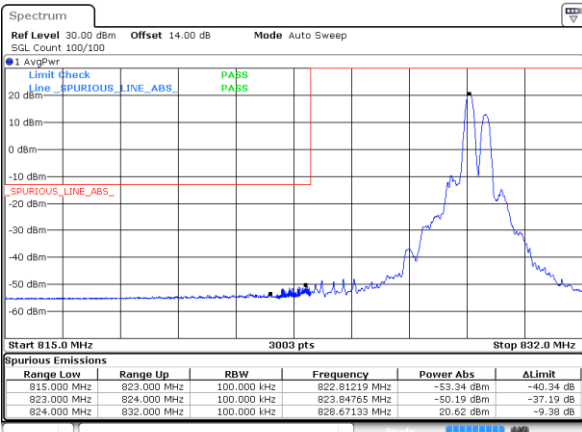
Date: 11.NOV.2024 16:54:47

Highest Band Edge / 1RB0 and 1RB14



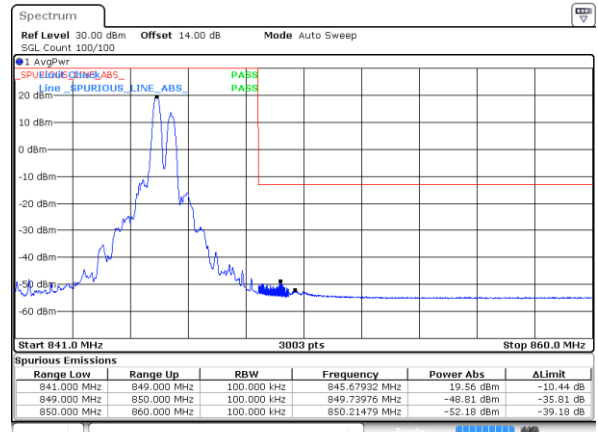
Date: 11.NOV.2024 17:06:09

Lowest Band Edge / 1RB24 and 1RB0



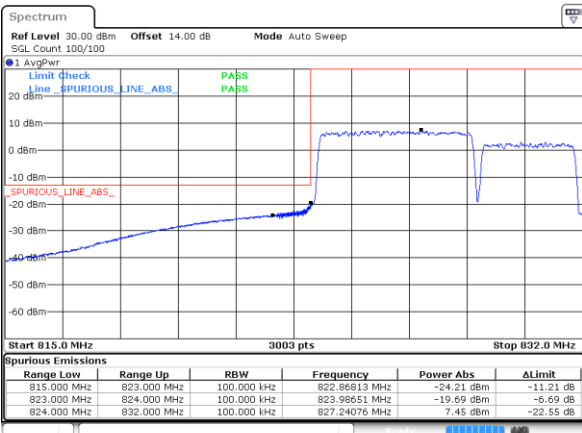
Date: 11.NOV.2024 16:53:47

Highest Band Edge / 1RB24 and 1RB0



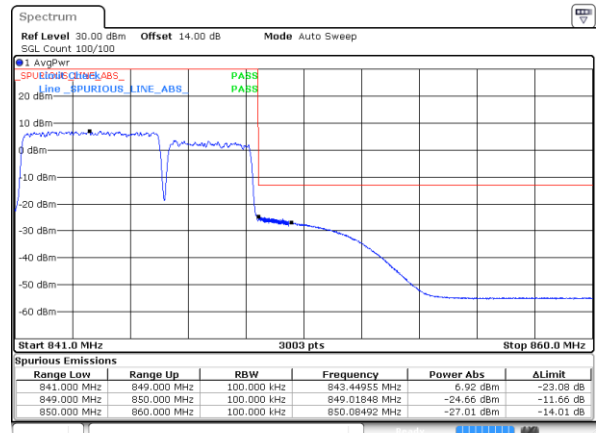
Date: 11.NOV.2024 17:07:10

Lowest Band Edge / Full RB



Date: 11.NOV.2024 16:59:52

Highest Band Edge / Full RB



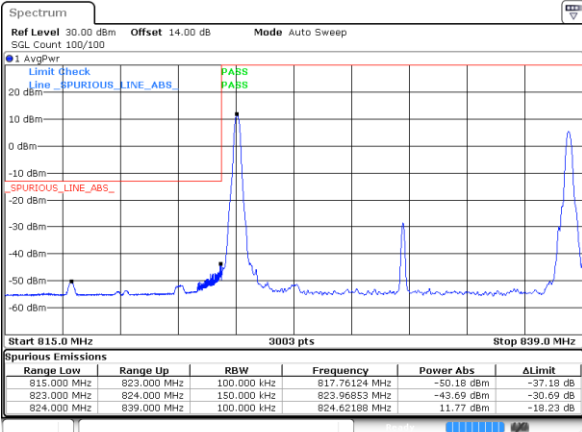
Date: 11.NOV.2024 17:01:06



LTE Band 5B / 5MHz+10MHz

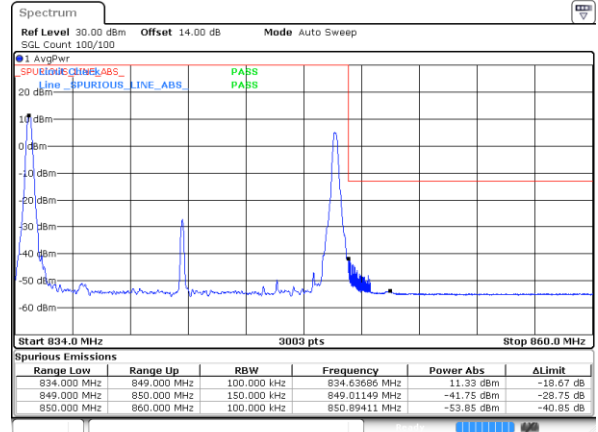
64QAM

Lowest Band Edge / 1RB0 and 1RB49



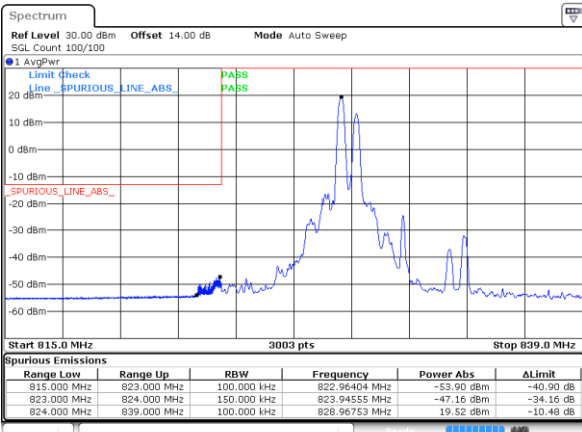
Date: 11 NOV 2024 17:19:21

Highest Band Edge / 1RB0 and 1RB49



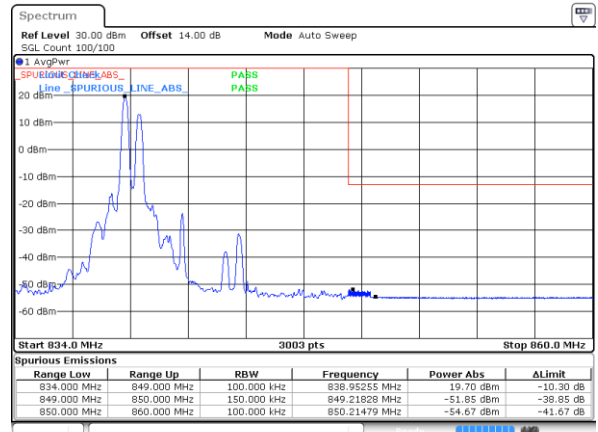
Date: 12 NOV 2024 07:46:30

Lowest Band Edge / 1RB24 and 1RB0



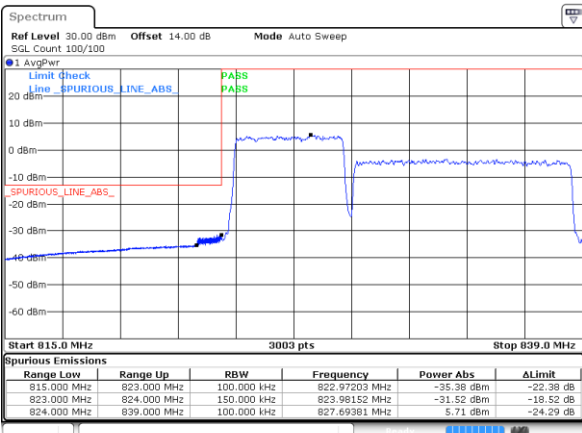
Date: 11 NOV 2024 17:18:20

Highest Band Edge / 1RB24 and 1RB0



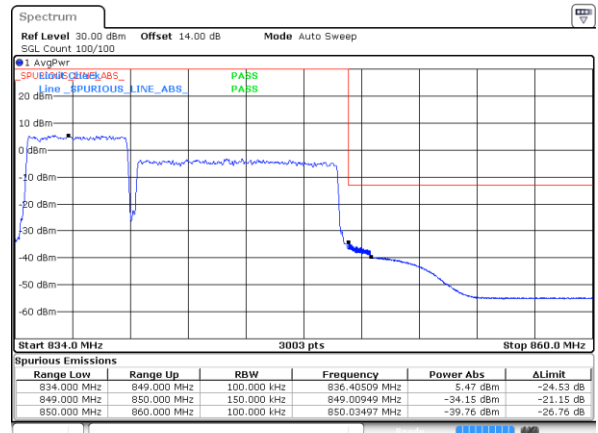
Date: 12 NOV 2024 07:47:30

Lowest Band Edge / Full RB



Date: 11 NOV 2024 17:24:25

Highest Band Edge / Full RB



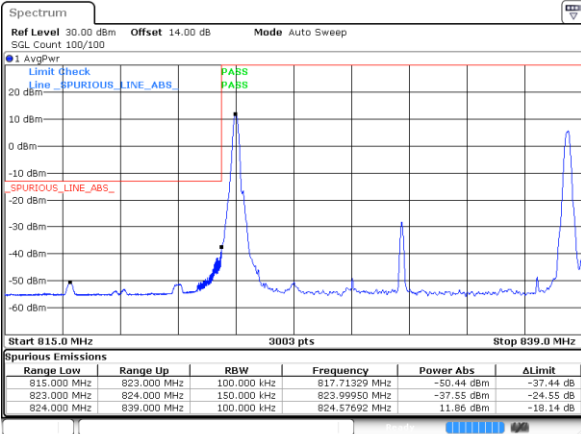
Date: 12 NOV 2024 07:41:32



LTE Band 5B / 10MHz+5MHz

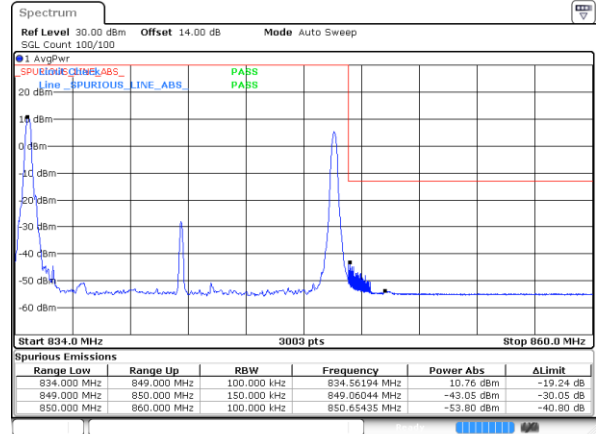
64QAM

Lowest Band Edge / 1RB0 and 1RB24



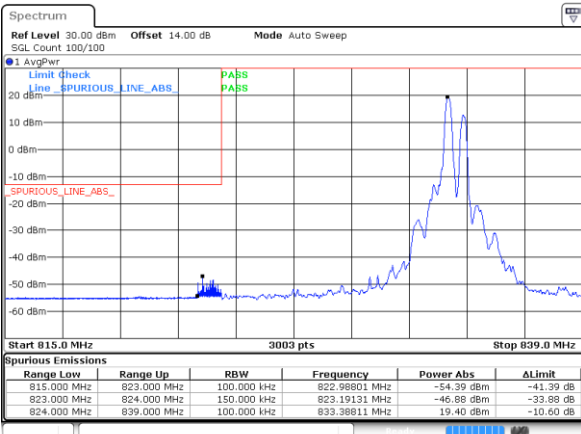
Date: 12 NOV 2024 08:06:17

Highest Band Edge / 1RB0 and 1RB24



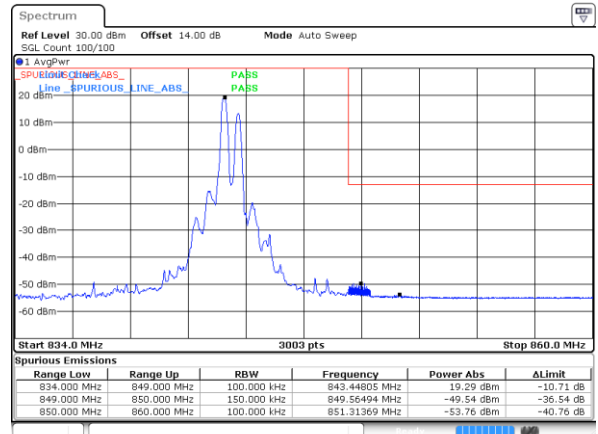
Date: 12 NOV 2024 08:17:28

Lowest Band Edge / 1RB49 and 1RB0



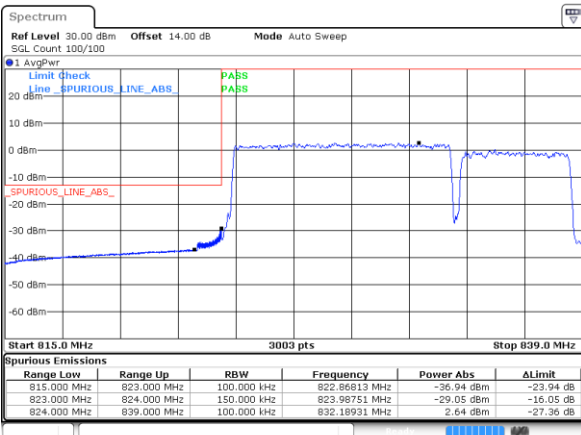
Date: 12 NOV 2024 08:05:17

Highest Band Edge / 1RB49 and 1RB0



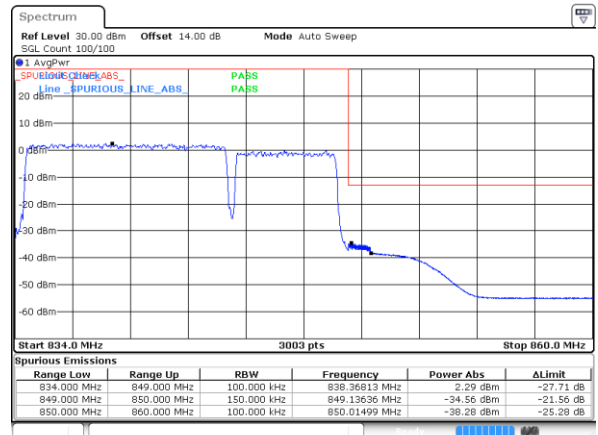
Date: 12 NOV 2024 08:16:28

Lowest Band Edge / Full RB



Date: 12 NOV 2024 08:11:17

Highest Band Edge / Full RB



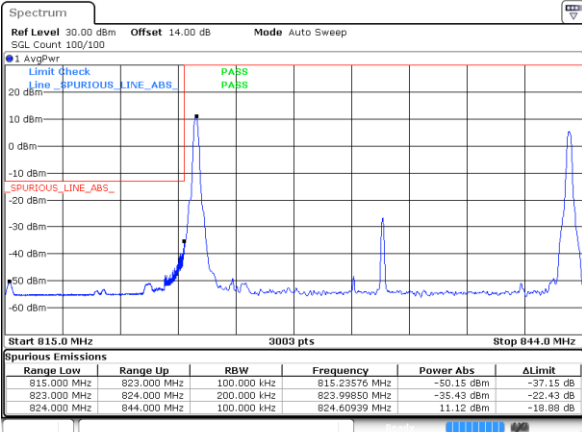
Date: 12 NOV 2024 08:12:29



LTE Band 5B / 10MHz+10MHz

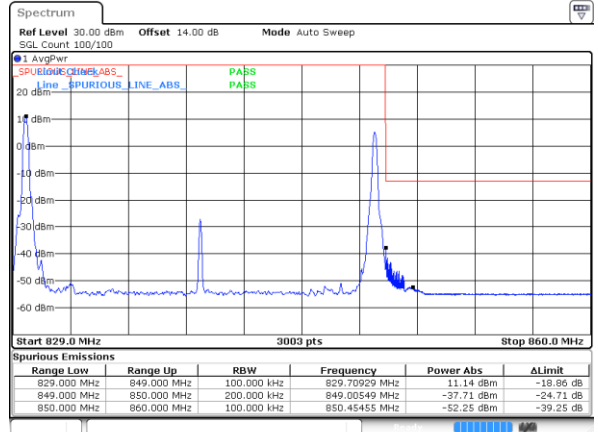
64QAM

Lowest Band Edge / 1RB0 and 1RB49



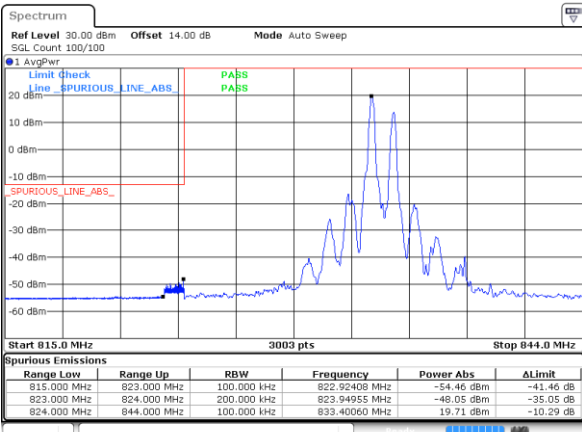
Date: 12 NOV 2024 10:13:29

Highest Band Edge / 1RB0 and 1RB49



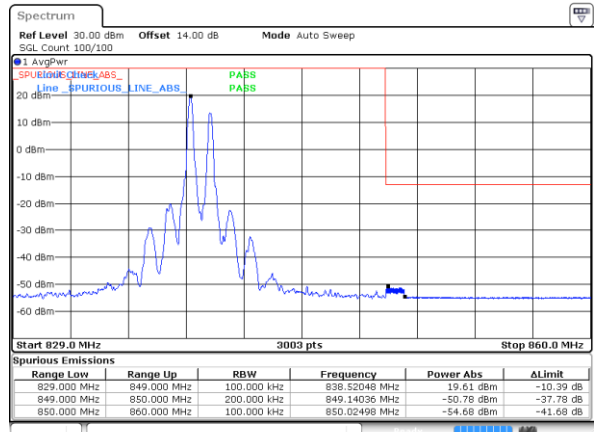
Date: 12 NOV 2024 10:24:06

Lowest Band Edge / 1RB49 and 1RB0



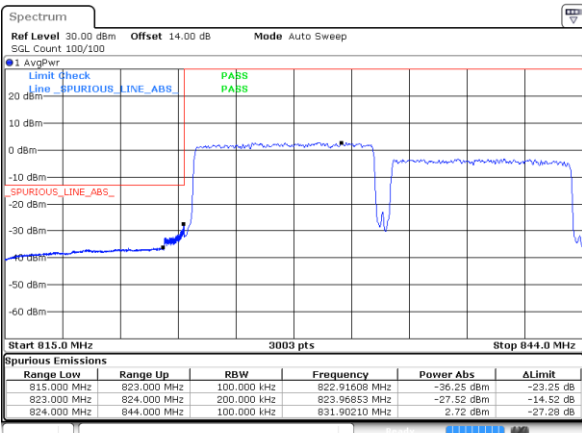
Date: 12 NOV 2024 10:12:31

Highest Band Edge / 1RB49 and 1RB0



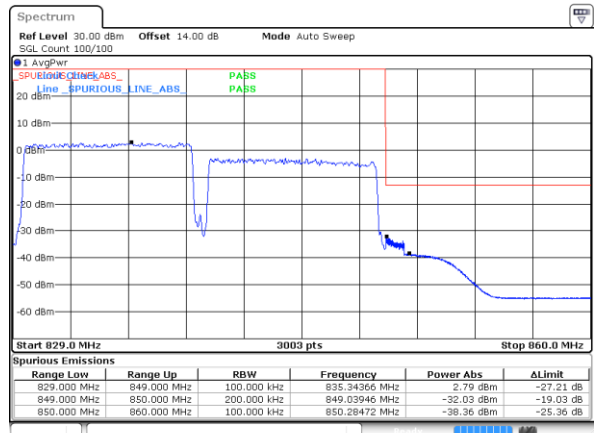
Date: 12 NOV 2024 10:25:04

Lowest Band Edge / Full RB



Date: 12 NOV 2024 10:18:19

Highest Band Edge / Full RB



Date: 12 NOV 2024 10:19:17



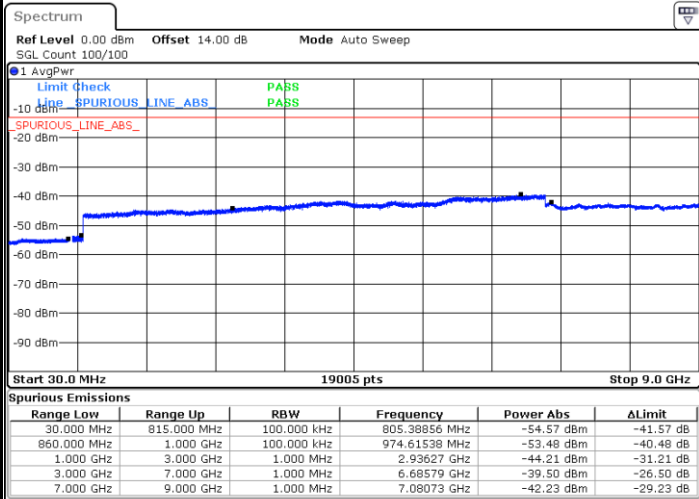
Conducted Spurious Emission

LTE Band 5B / 3MHz+5MHz

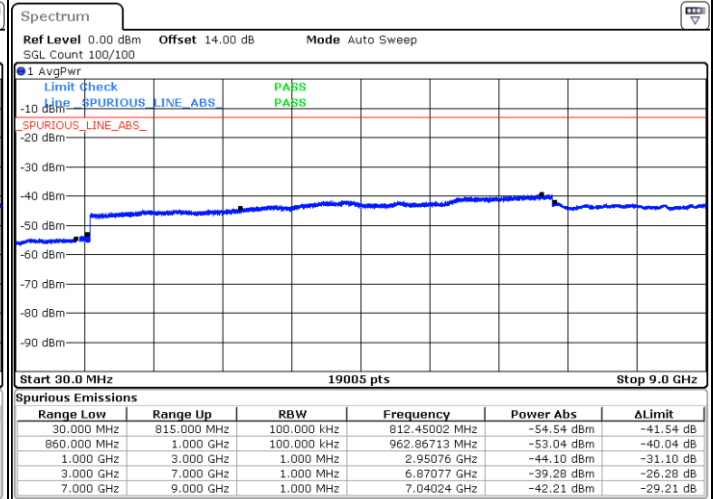
QPSK

Lowest Channel / 1RB14 and 1RB0

Middle Channel / 1RB14 and 1RB0

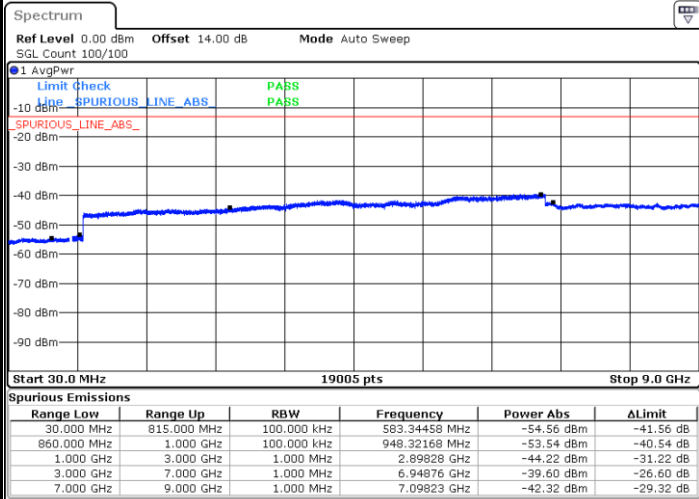


Date: 11.NOV.2024 16:25:53



Date: 11.NOV.2024 16:24:25

Highest Channel / 1RB14 and 1RB0



Date: 11.NOV.2024 16:45:47

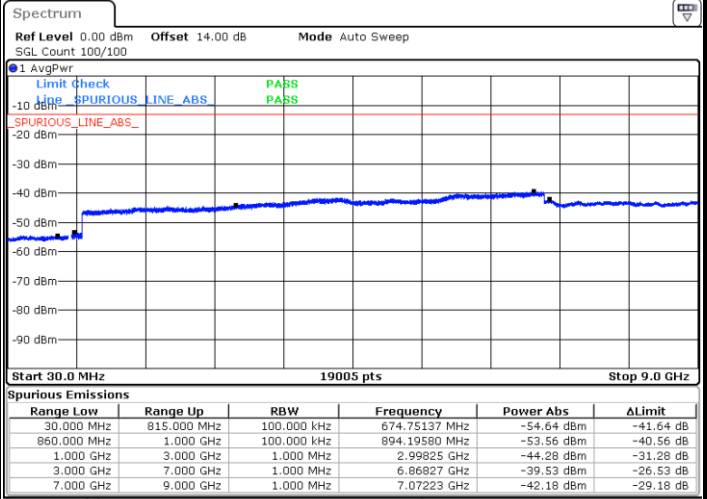
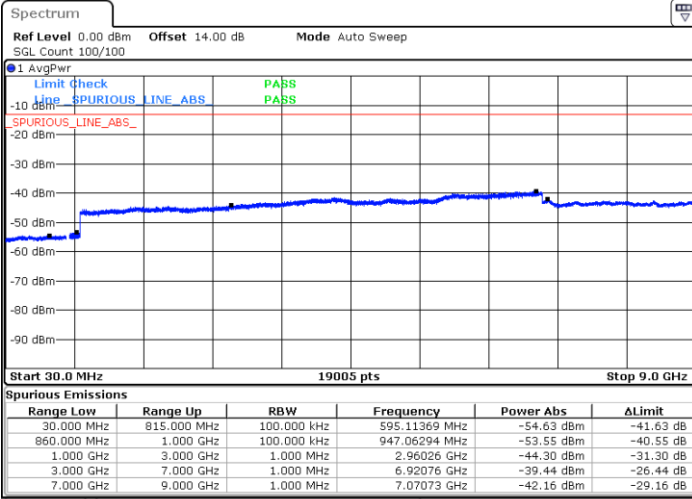


LTE Band 5B / 5MHz+3MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

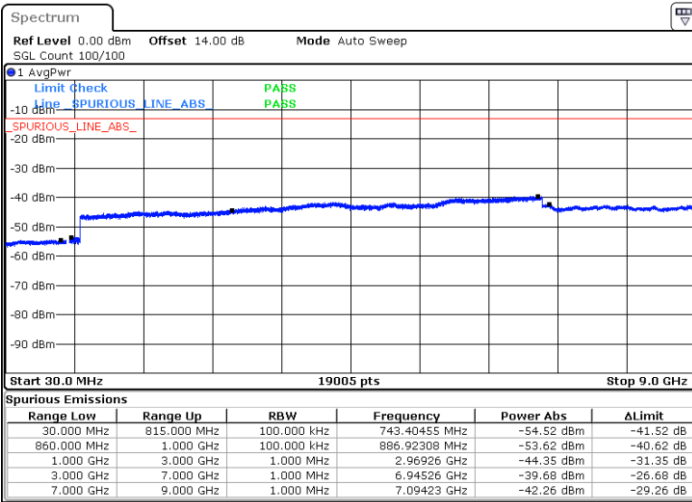
Middle Channel / 1RB24 and 1RB0



Date: 11.NOV.2024 16:50:45

Date: 11.NOV.2024 16:49:17

Highest Channel / 1RB24 and 1RB0



Date: 11.NOV.2024 17:10:26

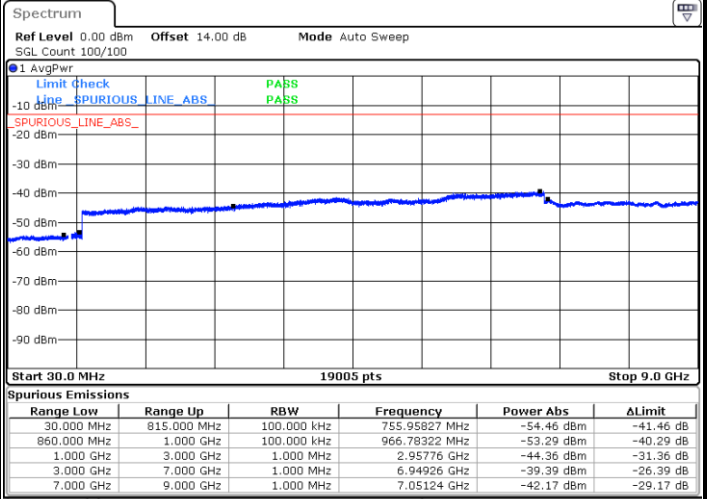
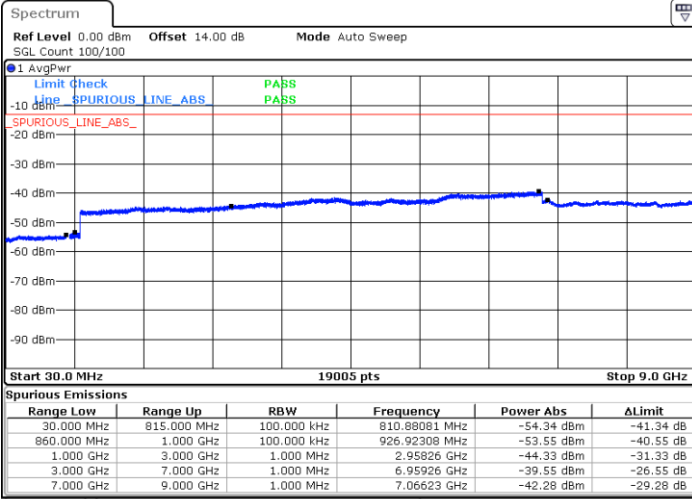


LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

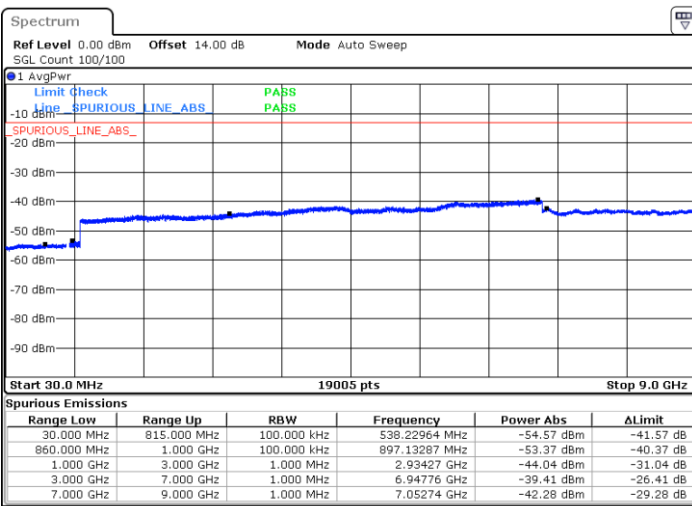
Middle Channel / 1RB24 and 1RB0



Date: 11.NOV.2024 17:15:18

Date: 11.NOV.2024 17:13:53

Highest Channel / 1RB24 and 1RB0



Date: 12.NOV.2024 07:50:43

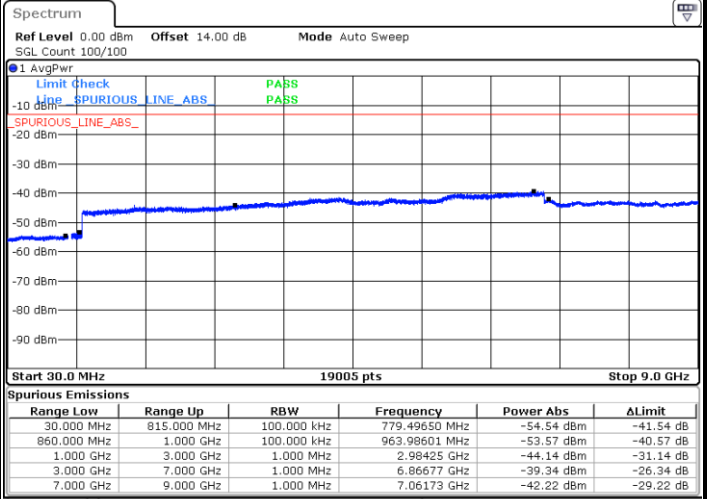
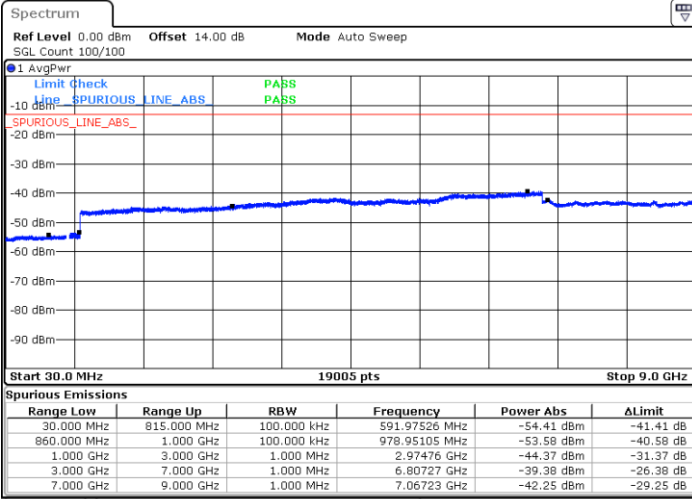


LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

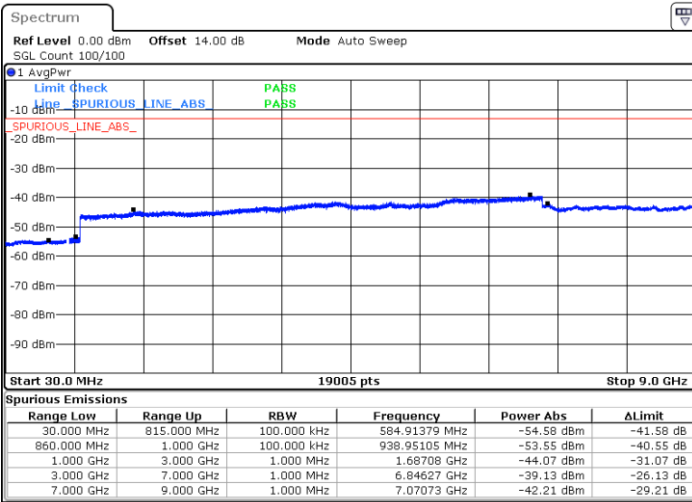
Middle Channel / 1RB49 and 1RB0



Date: 12 NOV 2024 08:02:18

Date: 12 NOV 2024 07:58:56

Highest Channel / 1RB49 and 1RB0



Date: 12 NOV 2024 08:21:41

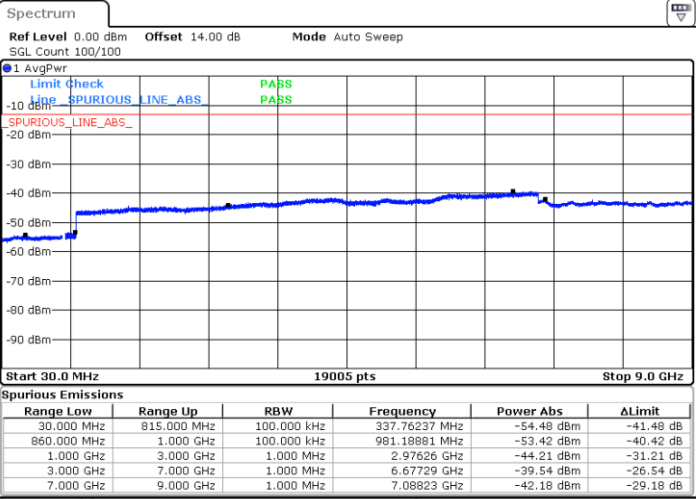
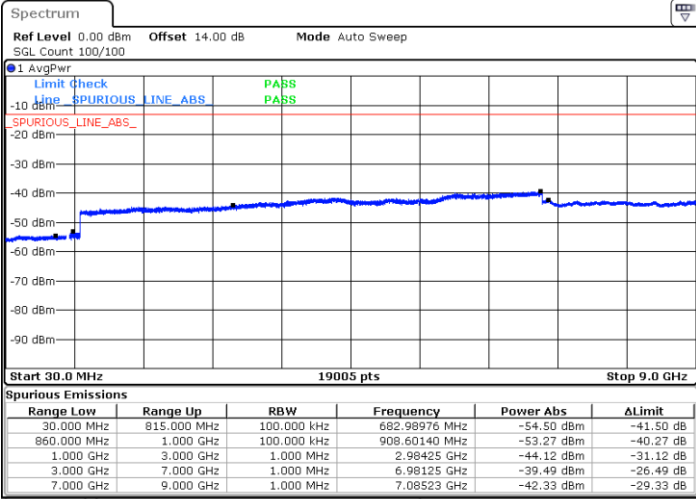


LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

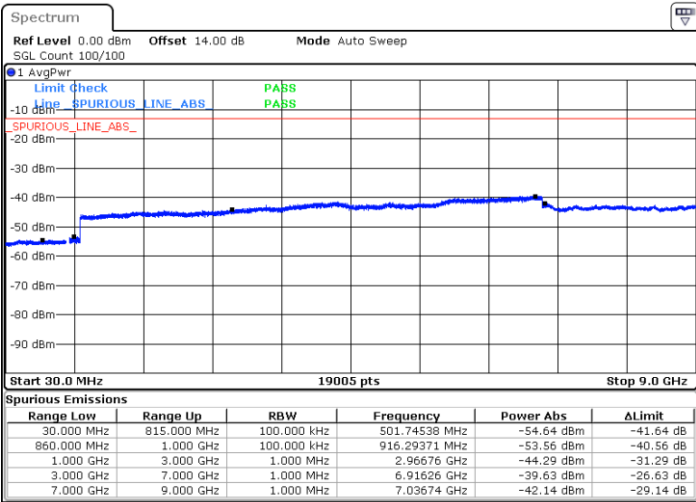
Middle Channel / 1RB49 and 1RB0



Date: 12 NOV 2024 10:09:34

Date: 12 NOV 2024 10:07:47

Highest Channel / 1RB49 and 1RB0



Date: 12 NOV 2024 10:28:10



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jake	Temperature :	21~25°C
		Relative Humidity :	51~53%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to test.

LTE Band 12 / 10MHz / QPSK Ant.0								
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	1400	-66.51	-13	-53.51	-73.48	1.58	10.70	H
	2096	-61.97	-13	-48.97	-70.22	2.102	12.50	H
	2800	-58.39	-13	-45.39	-67.28	2.856	13.90	H
	1400	-65.87	-13	-52.87	-72.84	1.58	10.70	V
	2096	-59.43	-13	-46.43	-67.68	2.10	12.50	V
	2800	-57.93	-13	-44.93	-66.82	2.86	13.90	V
Middle	1408	-67.03	-13	-54.03	-74.00	1.58	10.70	H
	2112	-62.12	-13	-49.12	-70.37	2.102	12.50	H
	2808	-58.44	-13	-45.44	-67.33	2.856	13.90	H
	1408	-66.12	-13	-53.12	-73.09	1.58	10.70	V
	2112	-59.72	-13	-46.72	-67.97	2.10	12.50	V
	2808	-58.04	-13	-45.04	-66.93	2.86	13.90	V
Highest	1416	-66.50	-13	-53.50	-73.47	1.58	10.70	H
	2120	-62.12	-13	-49.12	-70.37	2.102	12.50	H
	2824	-58.47	-13	-45.47	-67.36	2.856	13.90	H
	1416	-65.92	-13	-52.92	-72.89	1.58	10.70	V
	2120	-59.29	-13	-46.29	-67.54	2.10	12.50	V
	2824	-57.73	-13	-44.73	-66.62	2.86	13.90	V

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



LTE CA_5B PCC / 10+10MHz / QPSK Ant.0								
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	1648	-64.37	-13	-51.37	-71.34	1.58	10.70	H
	2472	-56.83	-13	-43.83	-65.08	2.102	12.50	H
	3296	-58.67	-13	-45.67	-67.56	2.856	13.90	H
	1648	-63.18	-13	-50.18	-70.15	1.58	10.70	V
	2472	-58.78	-13	-45.78	-67.03	2.10	12.50	V
	3296	-58.92	-13	-45.92	-67.81	2.86	13.90	V
Middle	1656	-64.01	-13	-51.01	-70.98	1.58	10.70	H
	2480	-60.25	-13	-47.25	-68.50	2.102	12.50	H
	3304	-59.08	-13	-46.08	-67.97	2.856	13.90	H
	1656	-63.15	-13	-50.15	-70.12	1.58	10.70	V
	2480	-58.59	-13	-45.59	-66.84	2.10	12.50	V
	3304	-59.02	-13	-46.02	-67.91	2.86	13.90	V
Highest	1656	-63.81	-13	-50.81	-70.78	1.58	10.70	H
	2488	-60.91	-13	-47.91	-69.16	2.102	12.50	H
	3320	-59.16	-13	-46.16	-68.05	2.856	13.90	H
	1656	-63.03	-13	-50.03	-70.00	1.58	10.70	V
	2488	-58.62	-13	-45.62	-66.87	2.10	12.50	V
	3320	-58.42	-13	-45.42	-67.31	2.86	13.90	V

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

LTE CA_5B SCC / 10+10MHz / QPSK Ant.0								
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	1672	-63.80	-13	-50.80	-70.77	1.58	10.70	H
	2504	-60.09	-13	-47.09	-68.34	2.102	12.50	H
	3336	-59.23	-13	-46.23	-68.12	2.856	13.90	H
	1672	-62.78	-13	-49.78	-69.75	1.58	10.70	V
	2504	-59.43	-13	-46.43	-67.68	2.10	12.50	V
	3336	-59.20	-13	-46.20	-68.09	2.86	13.90	V
Middle	1672	-63.44	-13	-50.44	-70.41	1.58	10.70	H
	2512	-59.17	-13	-46.17	-67.42	2.102	12.50	H
	3352	-58.98	-13	-45.98	-67.87	2.856	13.90	H
	1672	-62.75	-13	-49.75	-69.72	1.58	10.70	V
	2512	-59.07	-13	-46.07	-67.32	2.10	12.50	V
	3352	-59.05	-13	-46.05	-67.94	2.86	13.90	V
Highest	1680	-63.42	-13	-50.42	-70.39	1.58	10.70	H
	2520	-59.48	-13	-46.48	-67.73	2.102	12.50	H
	3360	-58.85	-13	-45.85	-67.74	2.856	13.90	H
	1680	-62.45	-13	-49.45	-69.42	1.58	10.70	V
	2520	-58.34	-13	-45.34	-66.59	2.10	12.50	V
	3360	-58.61	-13	-45.61	-67.50	2.86	13.90	V

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



LTE Band 13 / 5MHz / QPSK Ant.0								
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	1552	-65.87	-13	-52.87	-68.50	1.09	5.87	H
	2328	-60.96	-13	-47.96	-63.36	1.37	5.92	H
	3112	-59.48	-13	-46.48	-63.37	1.64	7.68	H
	1552	-65.25	-13	-52.25	-67.88	1.09	5.87	V
	2328	-59.30	-13	-46.30	-61.70	1.37	5.92	V
	3112	-59.08	-13	-46.08	-62.97	1.64	7.68	V
Middle	1560	-65.98	-42.15	-23.83	-68.61	1.09	5.87	H
	2336	-60.41	-13	-47.41	-62.81	1.37	5.92	H
	3120	-59.72	-13	-46.72	-63.61	1.64	7.68	H
	1560	-64.66	-42.15	-22.51	-67.29	1.09	5.87	V
	2336	-59.24	-13	-46.24	-61.64	1.37	5.92	V
	3120	-59.40	-13	-46.40	-63.29	1.64	7.68	V
Highest	1560	-66.28	-42.15	-24.13	-68.91	1.09	5.87	H
	2344	-61.11	-13	-48.11	-63.51	1.37	5.92	H
	3128	-59.48	-13	-46.48	-63.37	1.64	7.68	H
	1560	-65.12	-42.15	-22.97	-67.75	1.09	5.87	V
	2344	-59.55	-13	-46.55	-61.95	1.37	5.92	V
	3128	-59.04	-13	-46.04	-62.93	1.64	7.68	V

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

LTE Band 13 / 10MHz / QPSK Ant.0								
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)
Middle	1552	-65.75	-13	-52.75	-68.38	1.09	5.87	H
	2328	-61.22	-13	-48.22	-63.62	1.37	5.92	H
	3112	-59.41	-13	-46.41	-63.30	1.64	7.68	H
	1552	-65.36	-13	-52.36	-67.99	1.09	5.87	V
	2328	-59.94	-13	-46.94	-62.34	1.37	5.92	V
	3112	-59.34	-13	-46.34	-63.23	1.64	7.68	V

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



LTE Band 26 / 15MHz / QPSK Ant.0								
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	1648	-64.32	-13	-51.32	-71.29	1.58	10.70	H
	2472	-58.57	-13	-45.57	-66.82	2.102	12.50	H
	3296	-58.95	-13	-45.95	-67.84	2.856	13.90	H
	1648	-63.43	-13	-50.43	-70.40	1.58	10.70	V
	2472	-51.22	-13	-38.22	-59.47	2.10	12.50	V
	3296	-59.13	-13	-46.13	-68.02	2.86	13.90	V
Middle	1656	-64.21	-13	-51.21	-71.18	1.58	10.70	H
	2488	-59.04	-13	-46.04	-67.29	2.102	12.50	H
	3320	-59.28	-13	-46.28	-68.17	2.856	13.90	H
	1656	-63.02	-13	-50.02	-69.99	1.58	10.70	V
	2488	-55.44	-13	-42.44	-63.69	2.10	12.50	V
	3320	-59.26	-13	-46.26	-68.15	2.86	13.90	V
Highest	1672	-63.49	-13	-50.49	-70.46	1.58	10.70	H
	2504	-59.41	-13	-46.41	-67.66	2.102	12.50	H
	3336	-59.53	-13	-46.53	-68.42	2.856	13.90	H
	1672	-62.72	-13	-49.72	-69.69	1.58	10.70	V
	2504	-56.91	-13	-43.91	-65.16	2.10	12.50	V
	3336	-59.38	-13	-46.38	-68.27	2.86	13.90	V

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

LTE Band 71 / 20MHz / QPSK Ant.0								
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	1328	-67.22	-13	-54.22	-68.97	1.02	4.92	H
	1992	-61.00	-13	-48.00	-62.97	1.27	5.39	H
	2656	-59.83	-13	-46.83	-62.76	1.49	6.57	H
	1328	-66.49	-13	-53.49	-68.24	1.02	4.92	V
	1992	-60.27	-13	-47.27	-62.24	1.27	5.39	V
	2656	-58.94	-13	-45.94	-61.87	1.49	6.57	V
Middle	1352	-66.99	-13	-53.99	-68.74	1.02	4.92	H
	2024	-60.00	-13	-47.00	-61.97	1.27	5.39	H
	2696	-58.97	-13	-45.97	-61.90	1.49	6.57	H
	1352	-66.13	-13	-53.13	-67.88	1.02	4.92	V
	2024	-60.97	-13	-47.97	-62.94	1.27	5.39	V
	2696	-58.48	-13	-45.48	-61.41	1.49	6.57	V
Highest	1360	-66.55	-13	-53.55	-68.30	1.02	4.92	H
	2040	-59.28	-13	-46.28	-61.25	1.27	5.39	H
	2712	-59.55	-13	-46.55	-62.48	1.49	6.57	H
	1360	-66.61	-13	-53.61	-68.36	1.02	4.92	V
	2040	-60.27	-13	-47.27	-62.24	1.27	5.39	V
	2712	-59.24	-13	-46.24	-62.17	1.49	6.57	V

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