

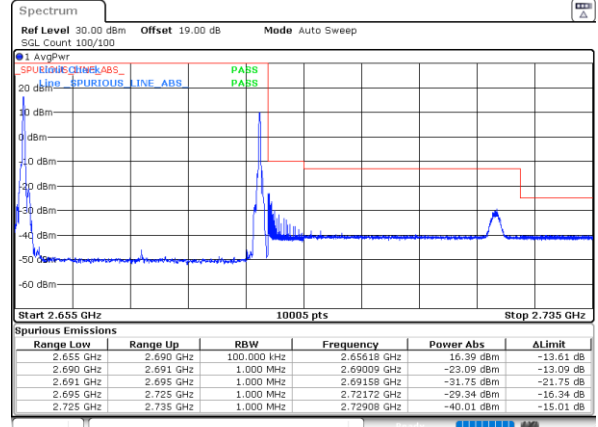
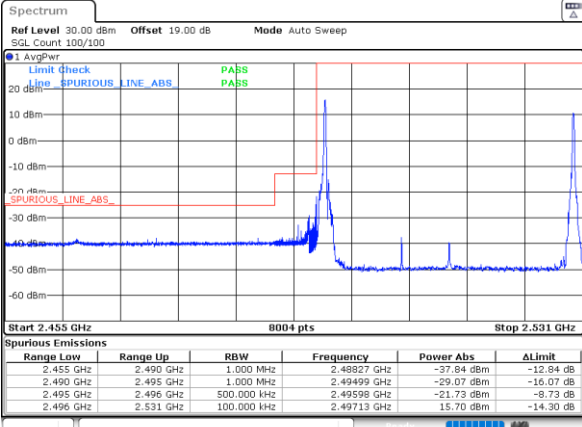


LTE Band 41C / 20MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

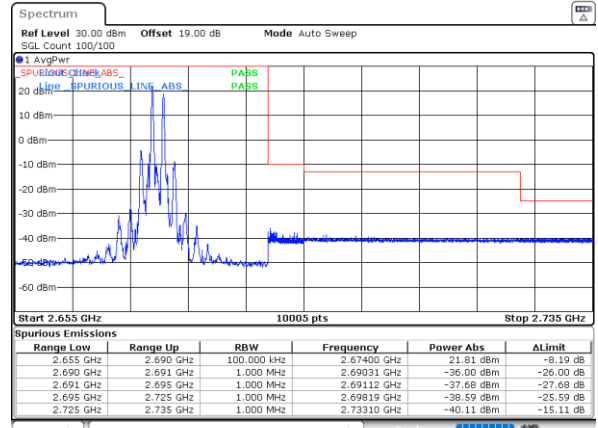
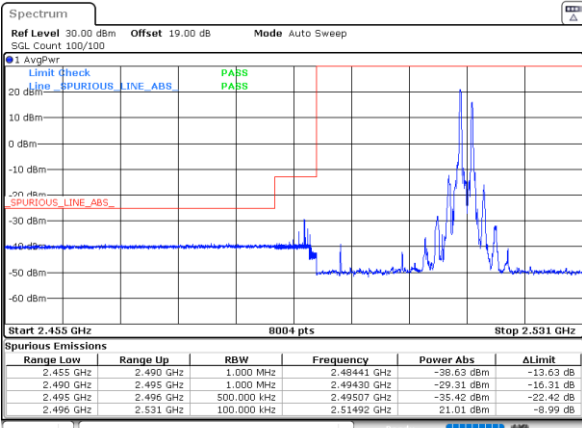


Date: 19.NOV.2024 19:08:42

Date: 19.NOV.2024 19:14:37

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

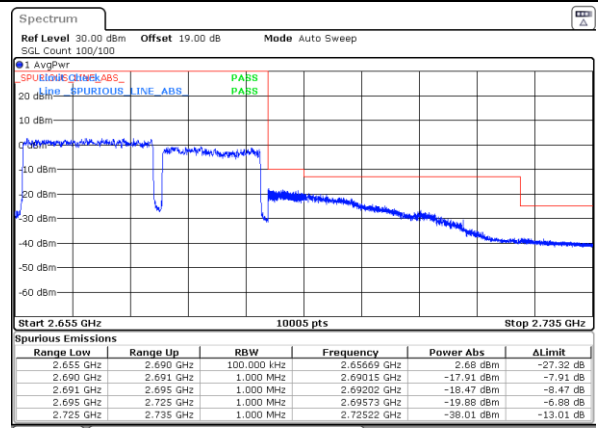
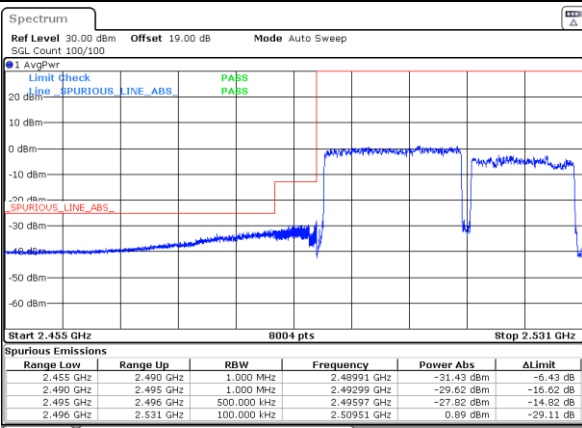


Date: 19.NOV.2024 19:06:44

Date: 19.NOV.2024 19:16:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 19:10:41

Date: 19.NOV.2024 19:12:39

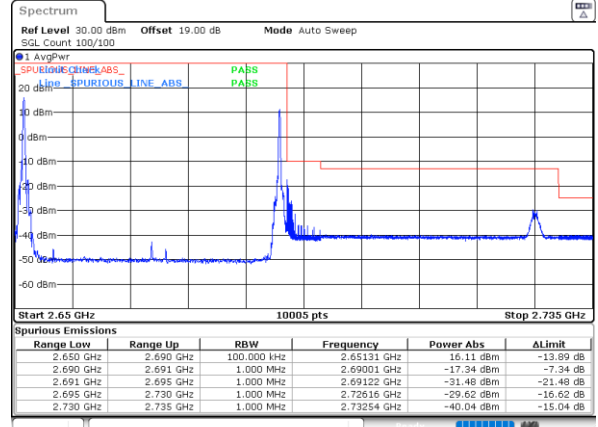
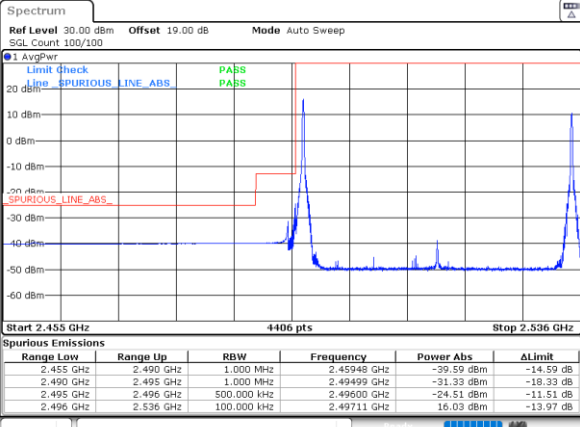


LTE Band 41C / 20MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

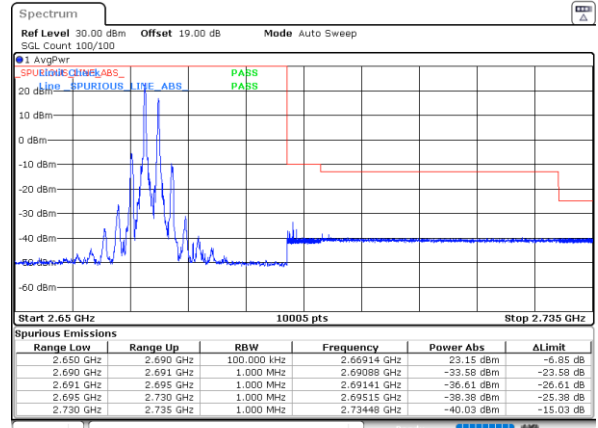
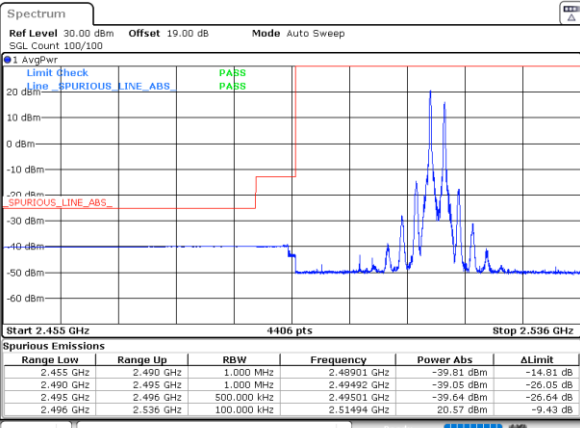


Date: 19.NOV.2024 19:26:08

Date: 19.NOV.2024 19:32:00

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

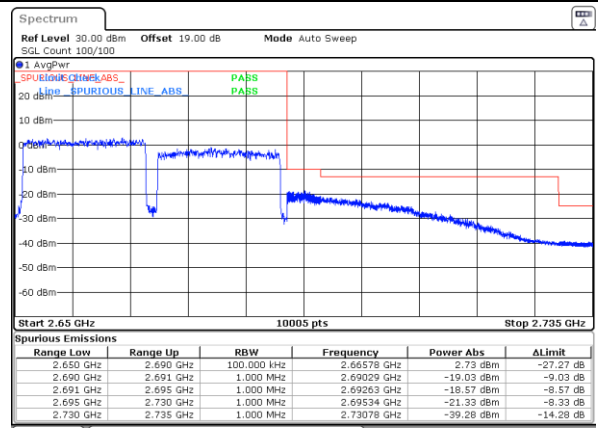
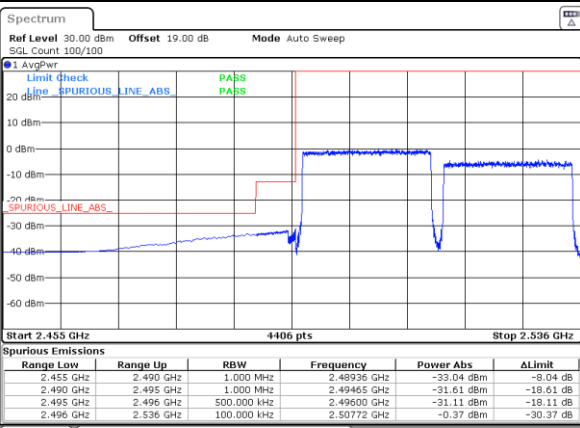


Date: 19.NOV.2024 19:24:07

Date: 19.NOV.2024 19:33:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 19:28:09

Date: 19.NOV.2024 19:30:08



LTE Band 41C / 5MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

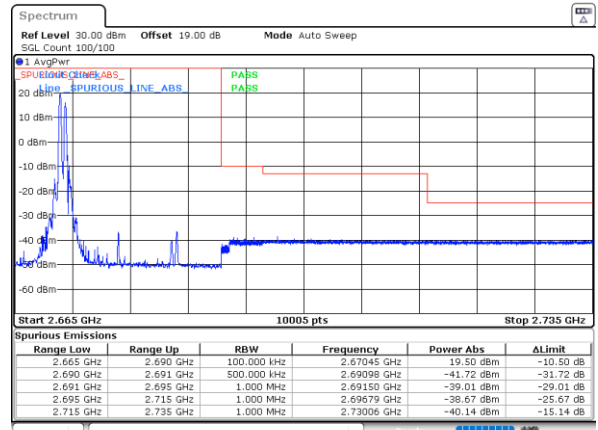
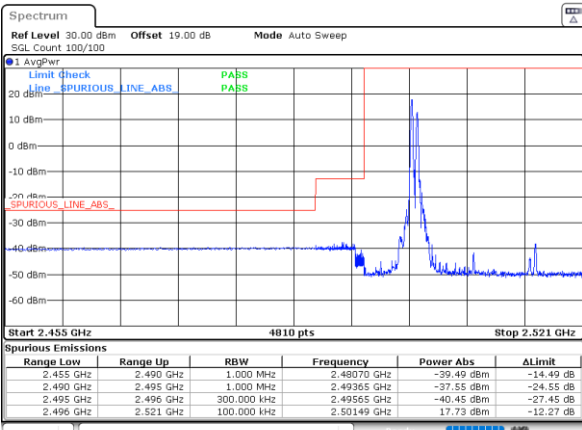


Date: 21.NOV.2024 14:49:46

Date: 19.NOV.2024 14:09:33

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

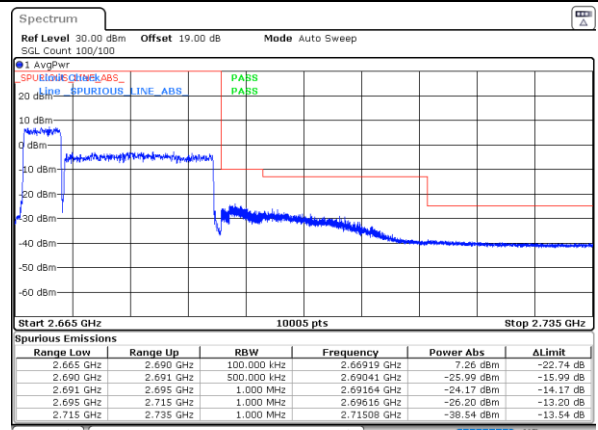
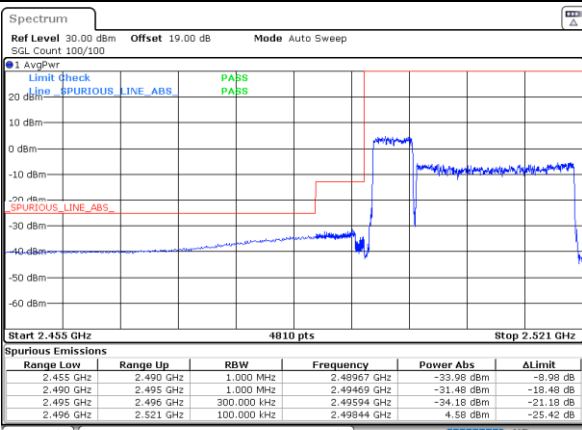


Date: 19.NOV.2024 13:59:42

Date: 19.NOV.2024 14:09:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 14:04:09

Date: 19.NOV.2024 14:04:53

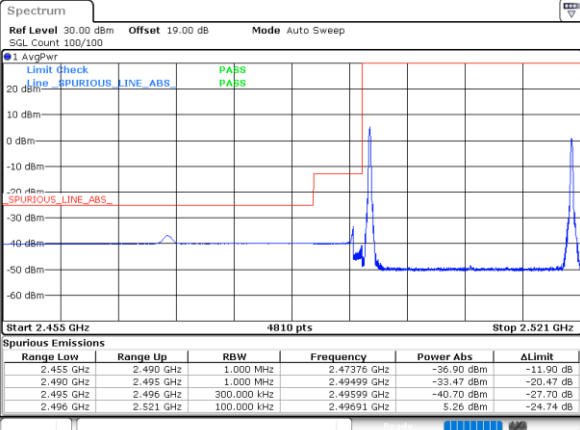


LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

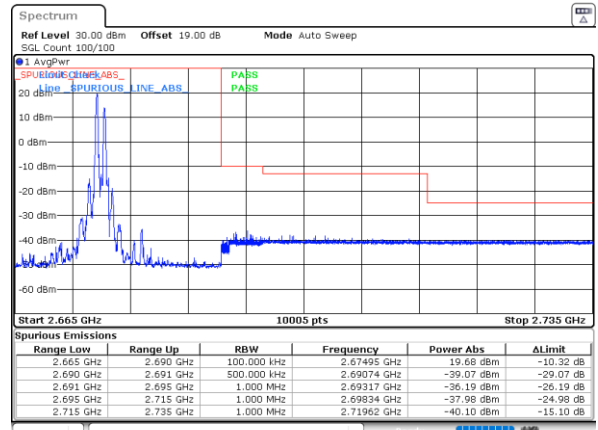
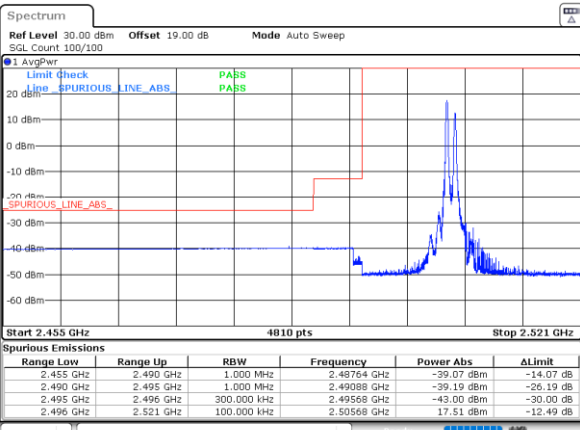


Date: 21.NOV.2024 14:53:02

Date: 19.NOV.2024 14:46:27

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

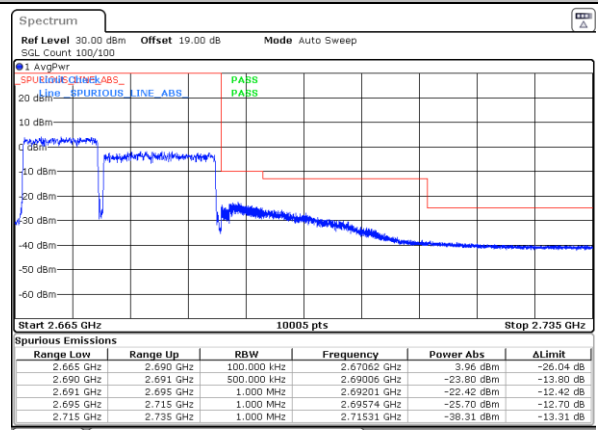
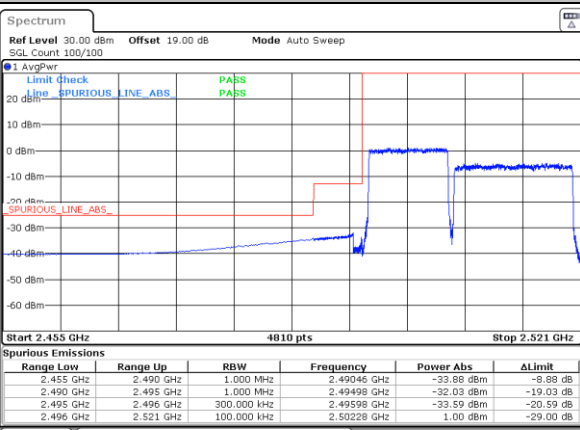


Date: 19.NOV.2024 14:37:38

Date: 19.NOV.2024 14:47:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 14:42:02

Date: 19.NOV.2024 14:42:46

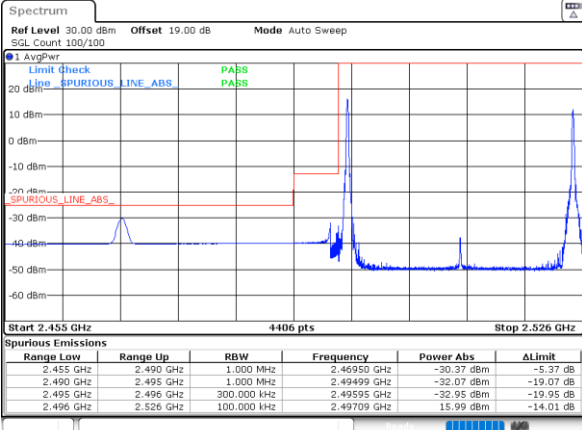


LTE Band 41C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

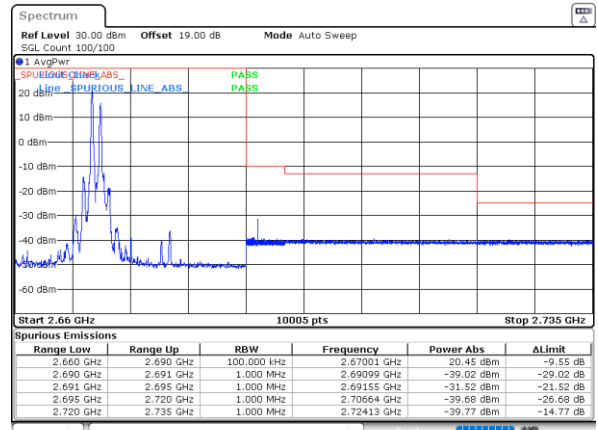
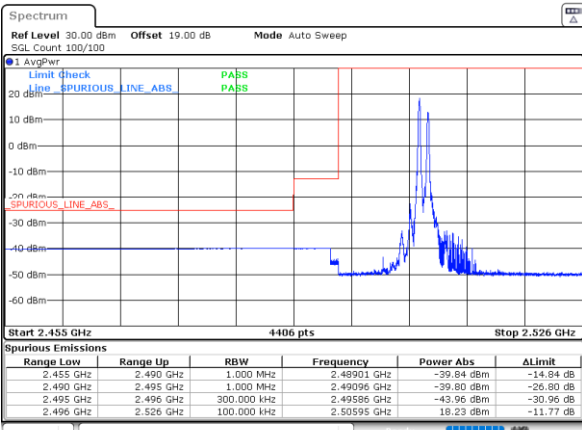


Date: 19.NOV.2024 17:58:14

Date: 19.NOV.2024 18:05:18

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

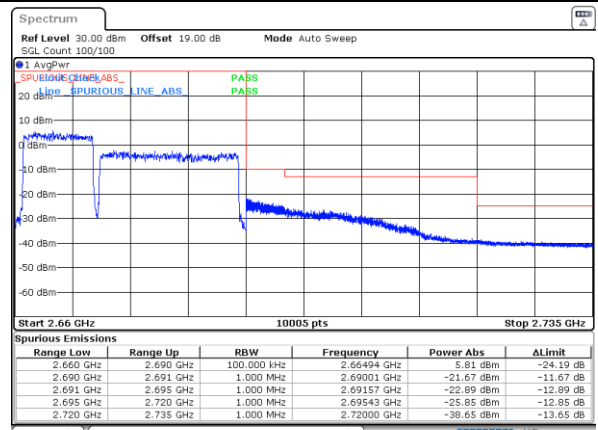
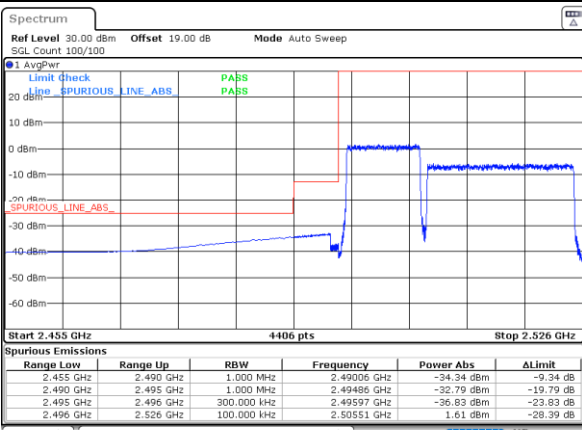


Date: 19.NOV.2024 17:57:32

Date: 19.NOV.2024 18:06:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 18:01:43

Date: 19.NOV.2024 18:02:22

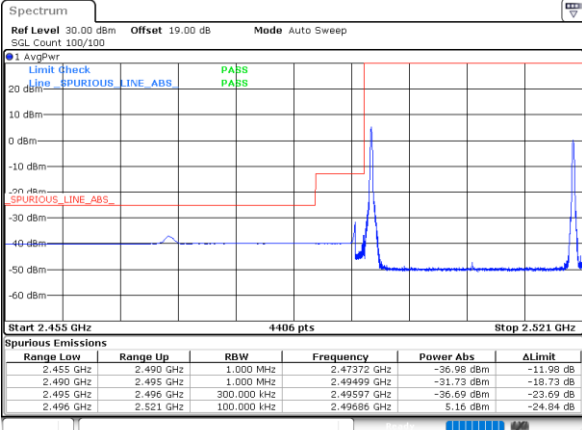


LTE Band 41C / 15MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

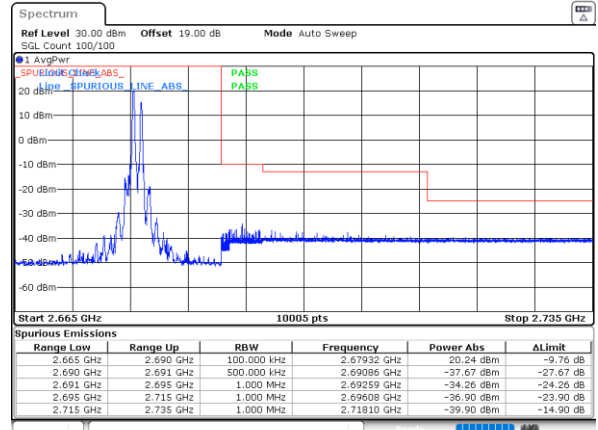
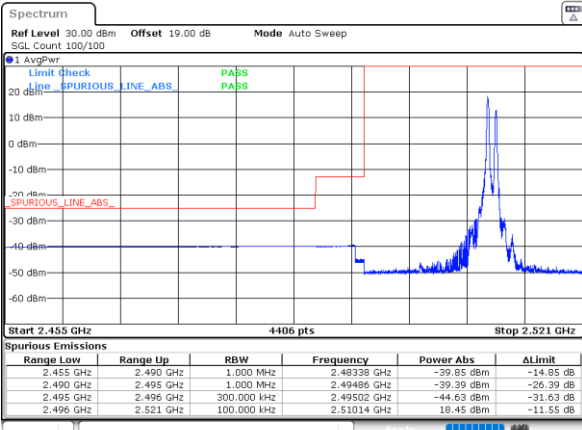


Date: 21.NOV.2024 14:56:18

Date: 19.NOV.2024 17:47:47

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

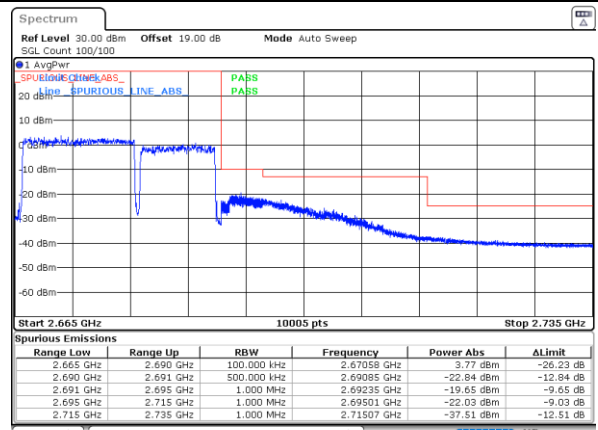
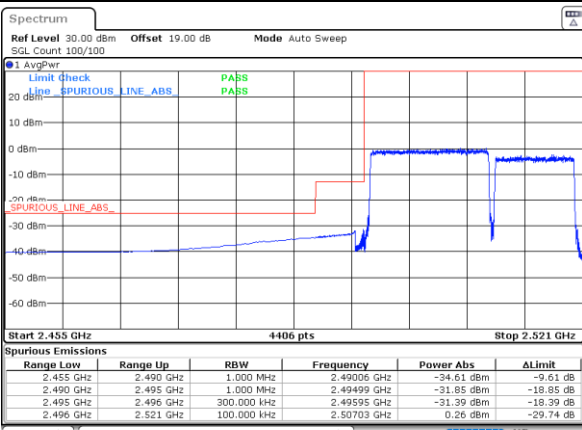


Date: 19.NOV.2024 17:39:41

Date: 19.NOV.2024 17:46:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 17:43:51

Date: 19.NOV.2024 17:44:31

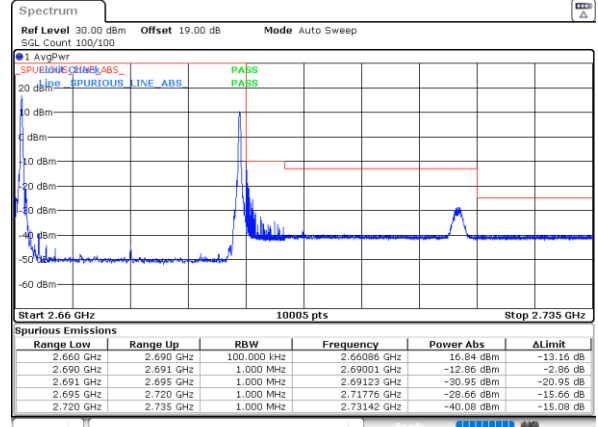
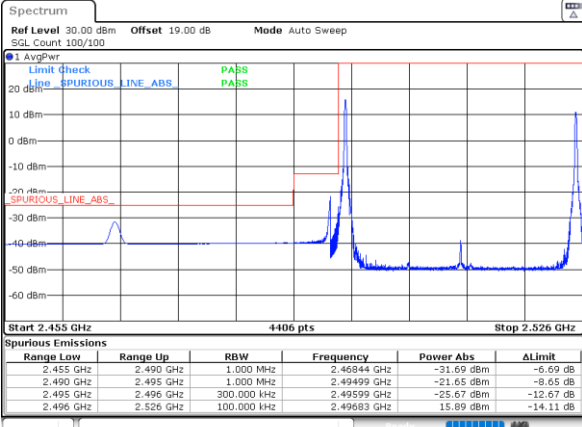


LTE Band 41C / 15MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

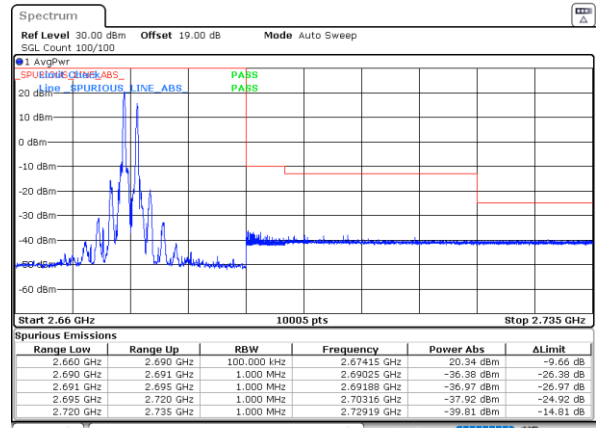
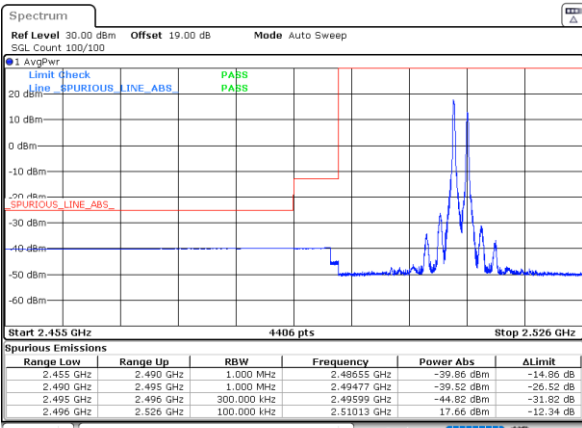


Date: 19.NOV.2024 18:33:19

Date: 19.NOV.2024 18:41:25

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

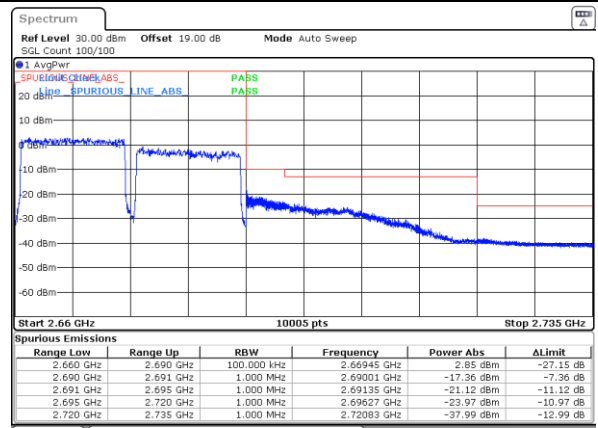
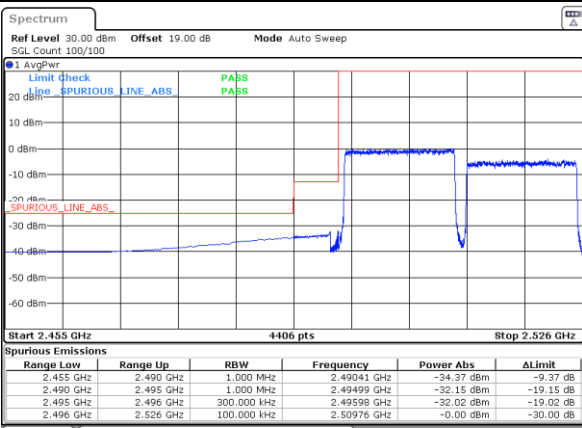


Date: 19.NOV.2024 18:32:39

Date: 19.NOV.2024 18:41:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 18:36:37

Date: 19.NOV.2024 18:37:18

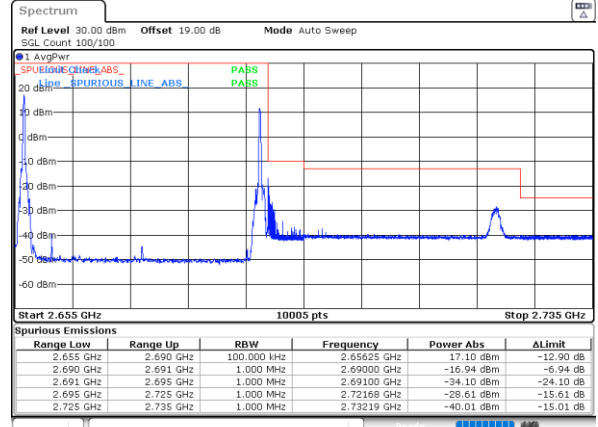
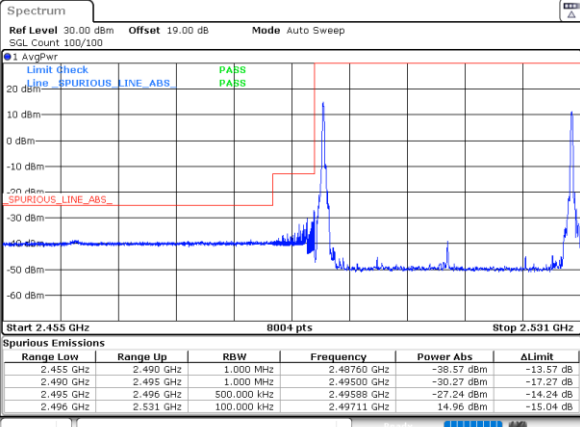


LTE Band 41C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

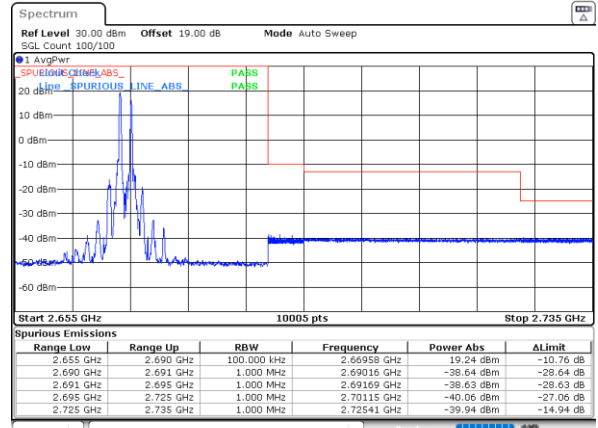
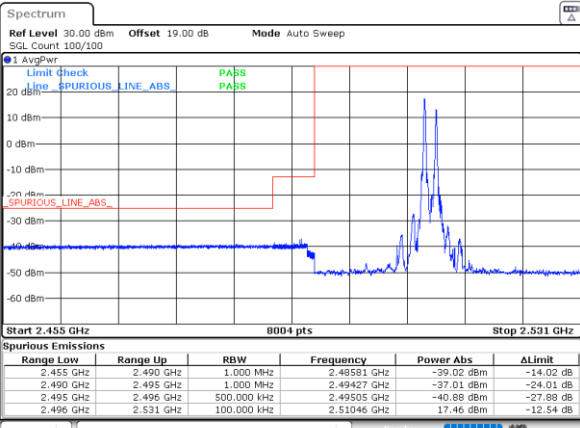


Date: 19.NOV.2024 18:50:33

Date: 19.NOV.2024 18:57:45

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

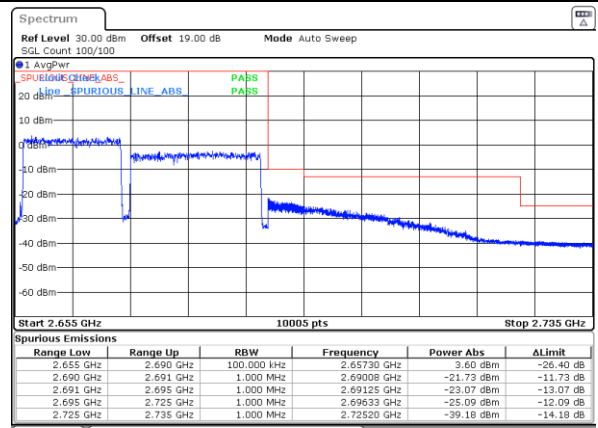
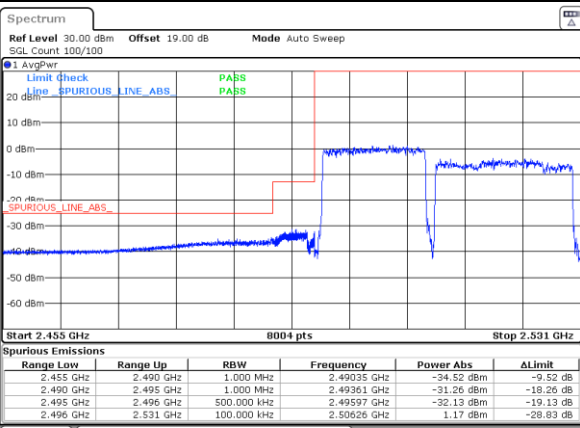


Date: 19.NOV.2024 18:49:53

Date: 19.NOV.2024 18:58:24

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 18:53:49

Date: 19.NOV.2024 18:54:29

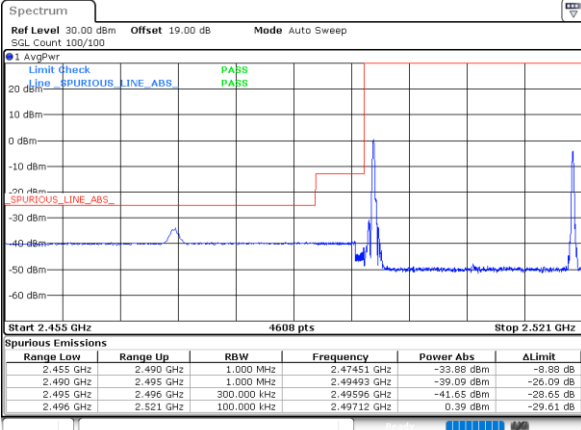


LTE Band 41C / 20MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

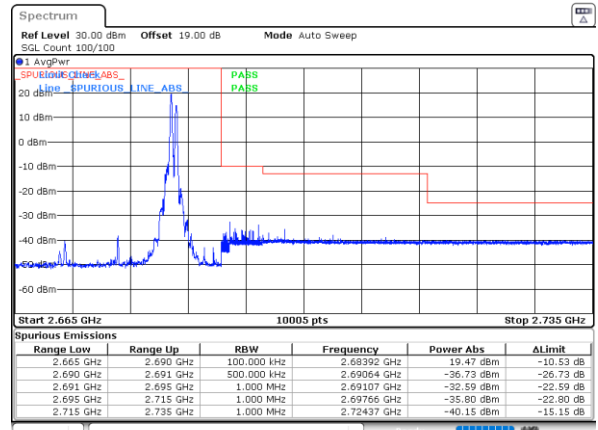
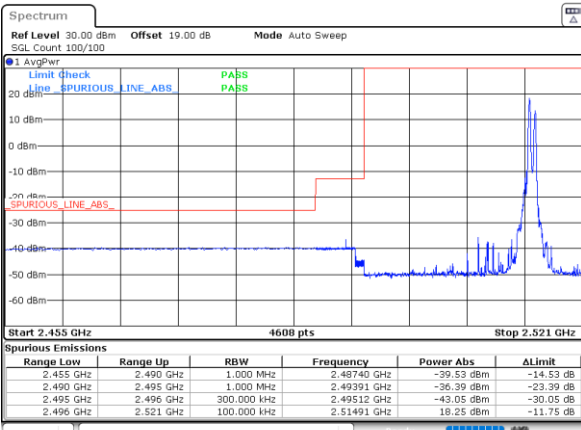


Date: 21.NOV.2024 14:58:24

Date: 19.NOV.2024 14:27:132

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

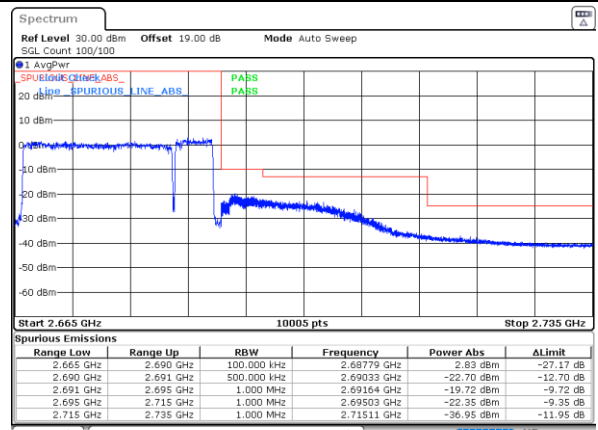
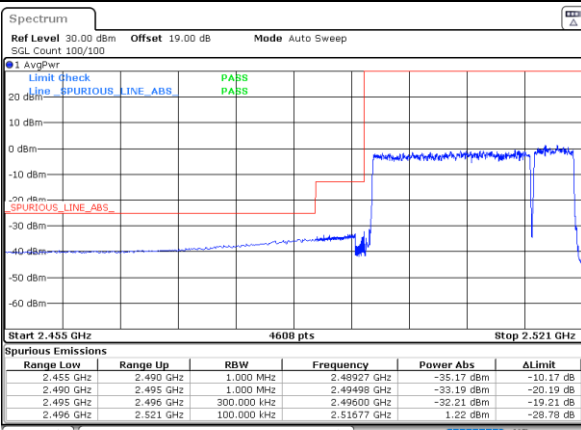


Date: 19.NOV.2024 14:18:40

Date: 19.NOV.2024 14:28:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 14:23:06

Date: 19.NOV.2024 14:23:51

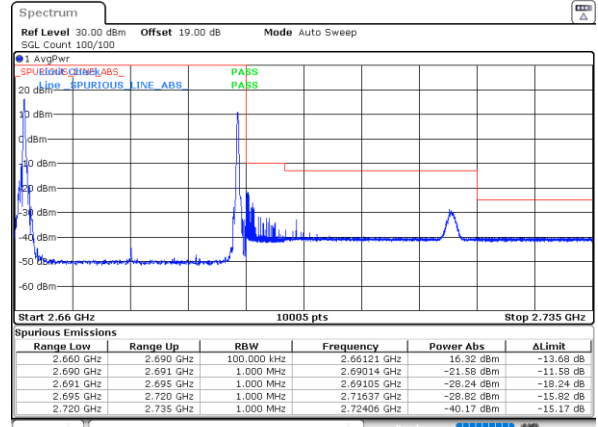
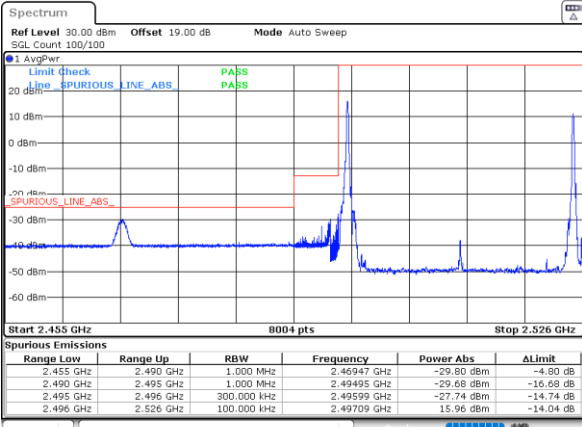


LTE Band 41C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

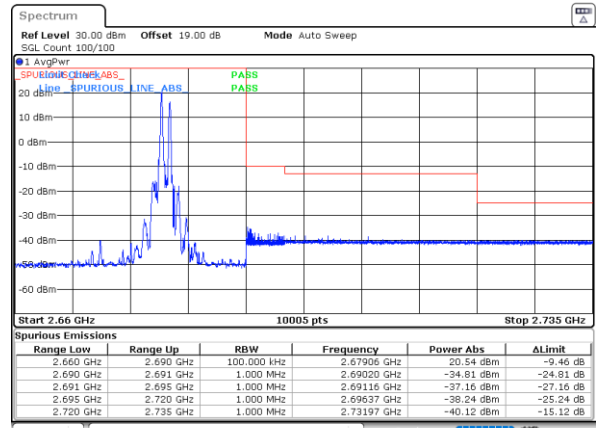
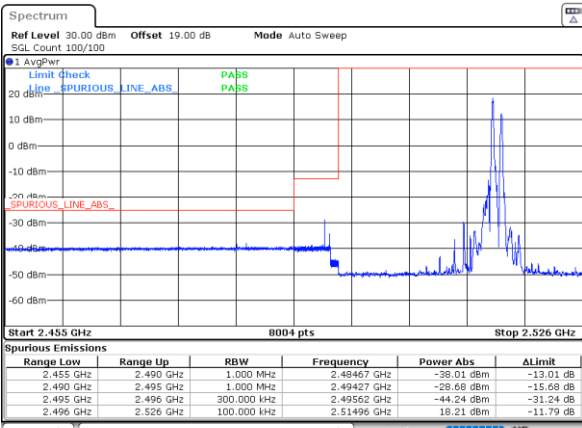


Date: 19.NOV.2024 18:15:56

Date: 19.NOV.2024 18:23:08

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

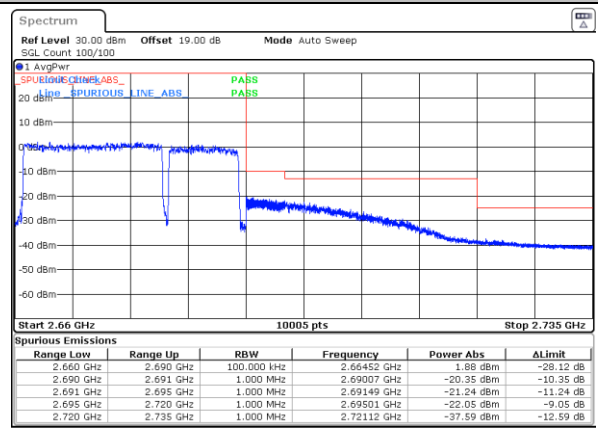
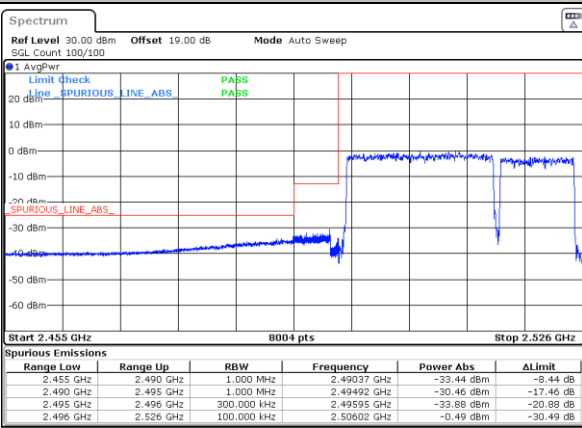


Date: 19.NOV.2024 18:15:16

Date: 19.NOV.2024 18:23:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 18:19:13

Date: 19.NOV.2024 18:19:52

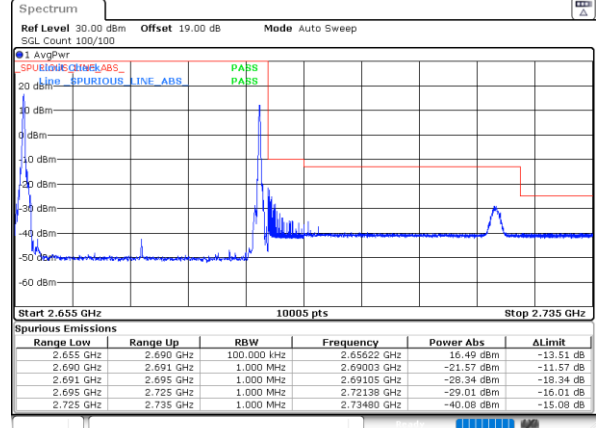
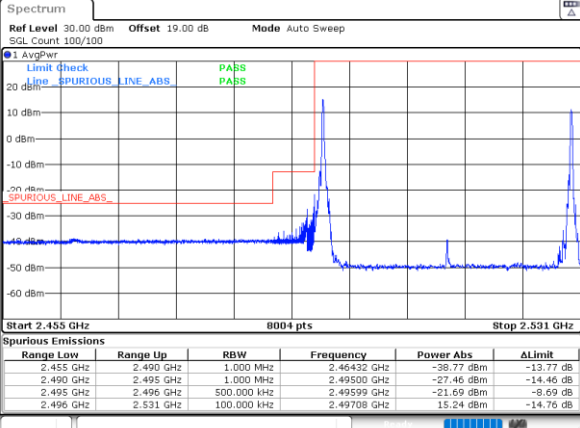


LTE Band 41C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

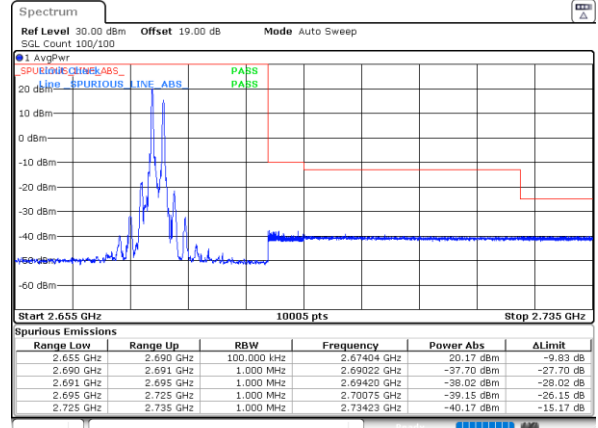
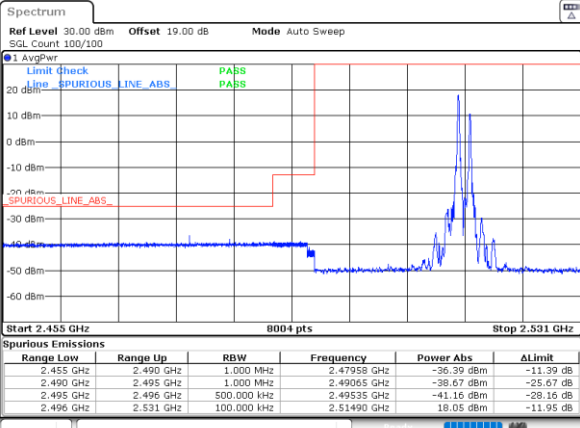


Date: 19.NOV.2024 19:08:03

Date: 19.NOV.2024 19:15:17

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

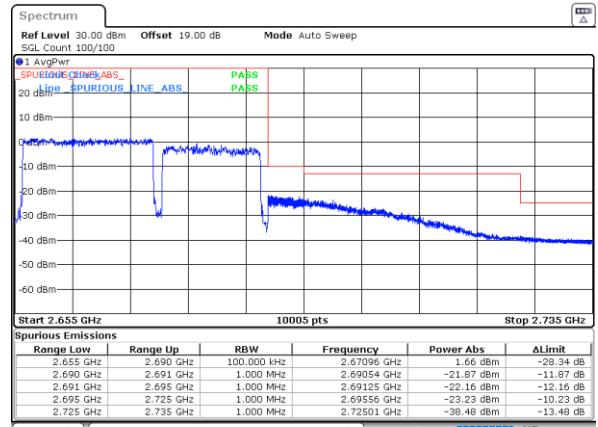
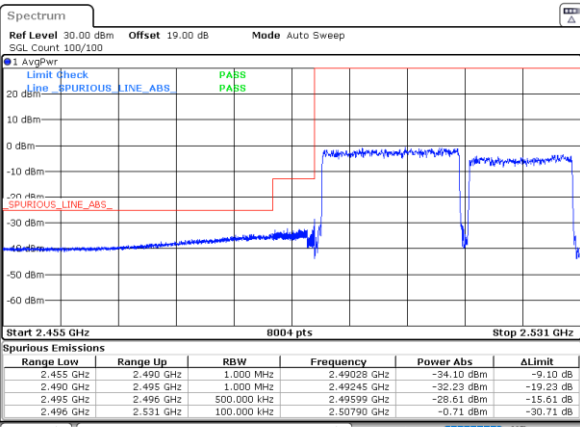


Date: 19.NOV.2024 19:07:23

Date: 19.NOV.2024 19:15:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 19:11:21

Date: 19.NOV.2024 19:12:00

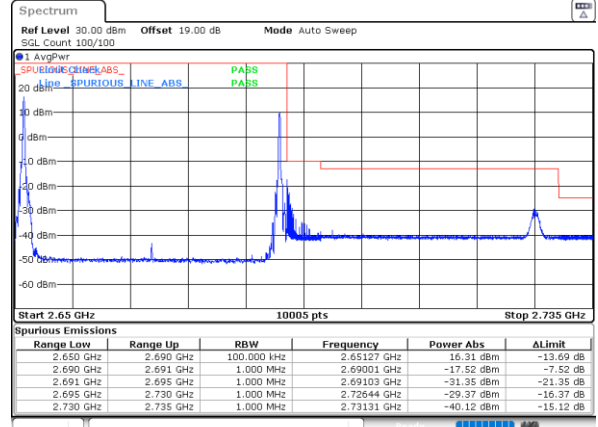
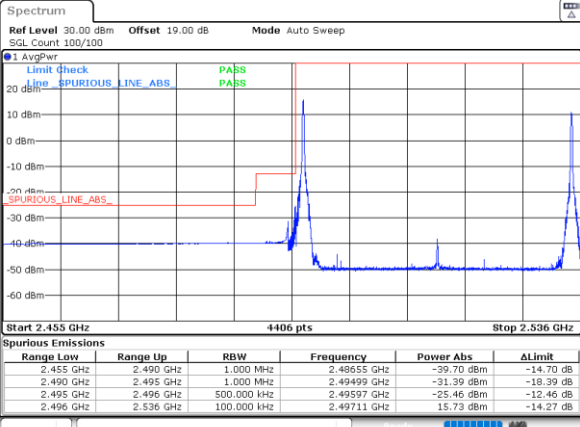


LTE Band 41C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

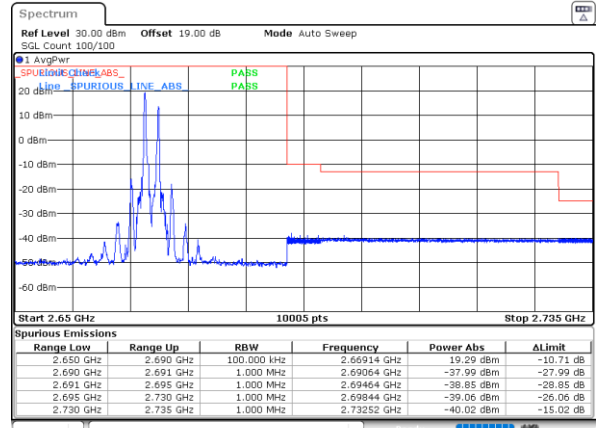
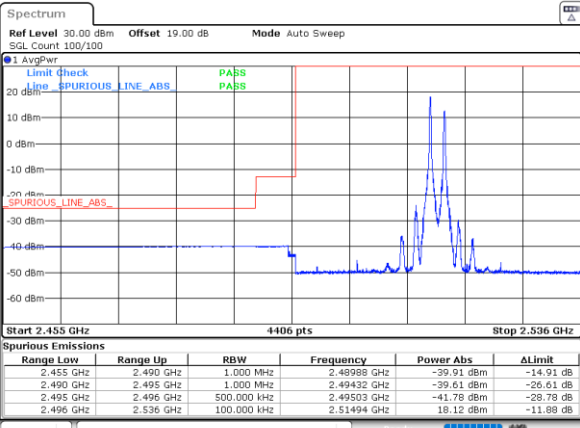


Date: 19.NOV.2024 19:25:27

Date: 19.NOV.2024 19:32:37

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

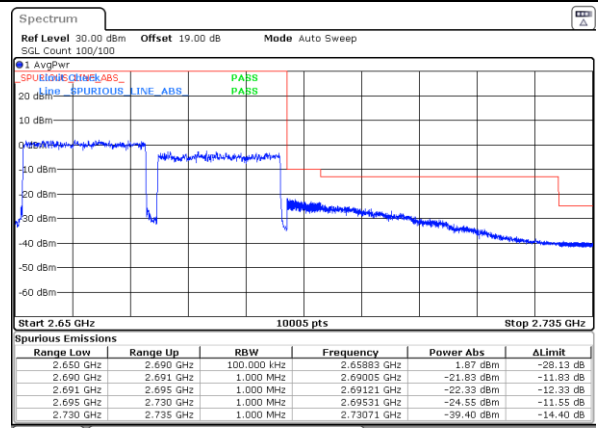
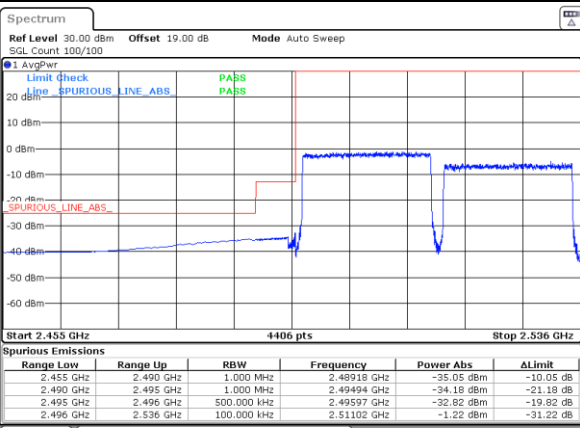


Date: 19.NOV.2024 19:24:47

Date: 19.NOV.2024 19:33:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.NOV.2024 19:28:49

Date: 19.NOV.2024 19:29:30



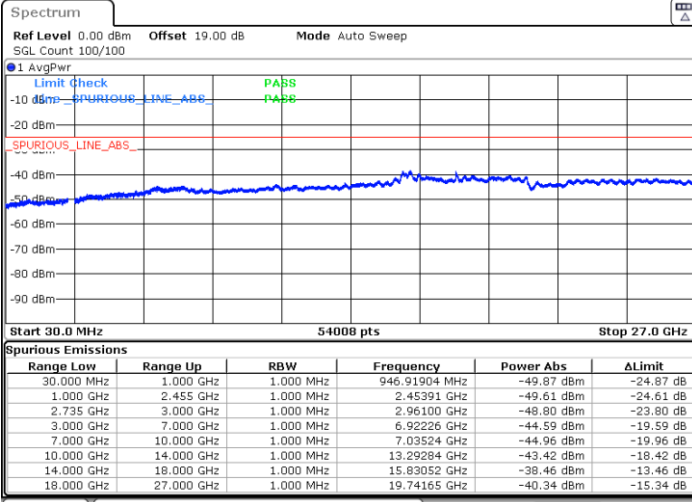
# Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

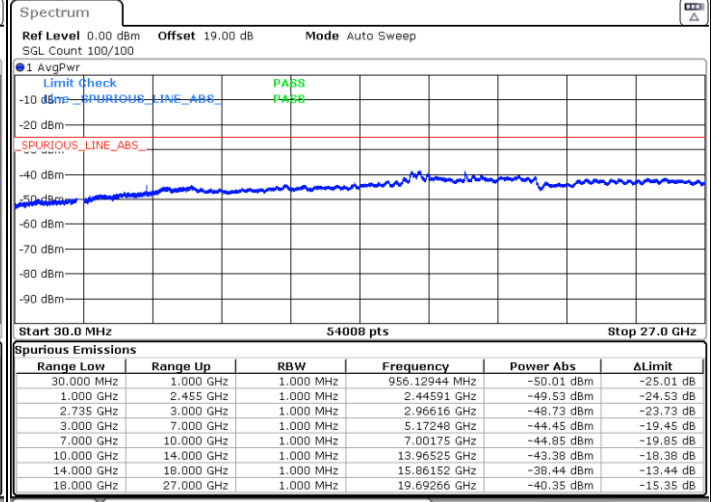
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

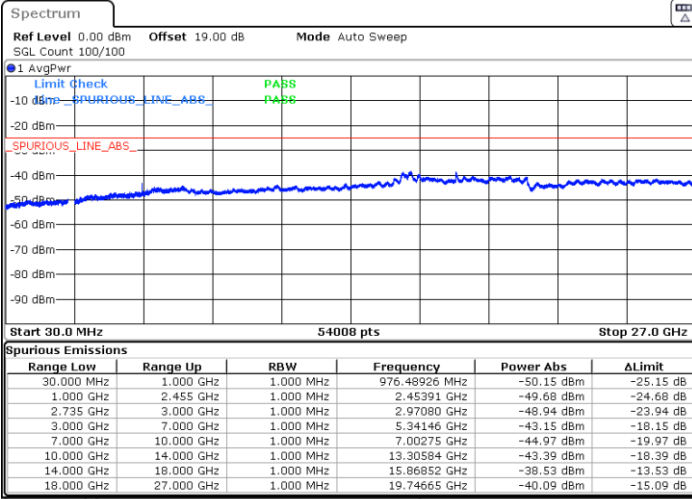


Date: 19.NOV.2024 13:57:30



Date: 19.NOV.2024 13:56:16

Highest Channel / 1RB24 and 1RB0



Date: 19.NOV.2024 14:11:59

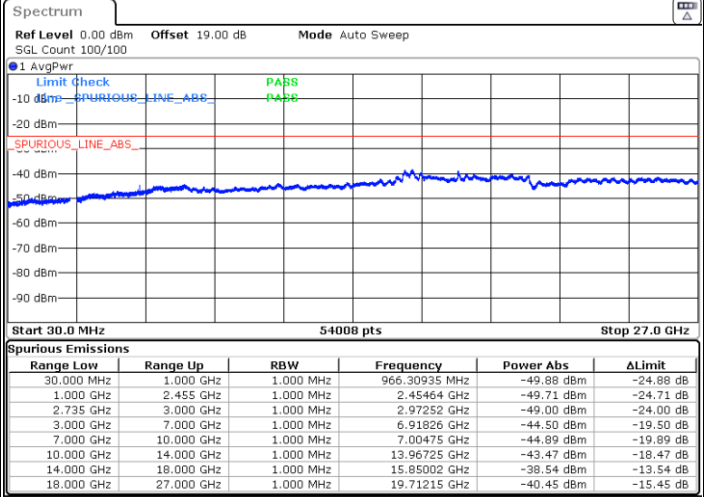
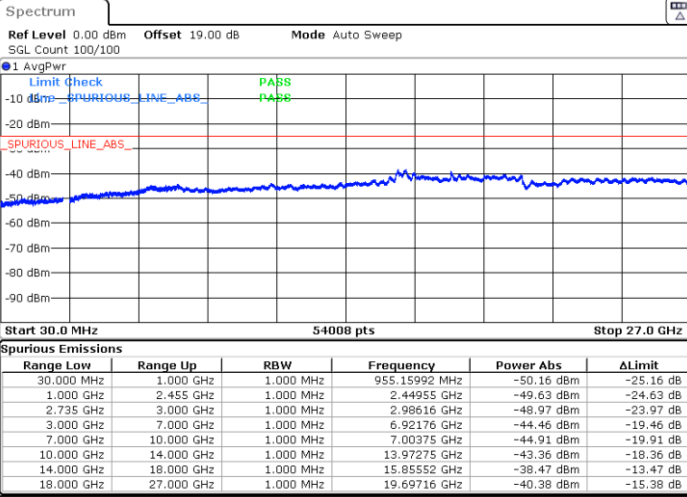


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

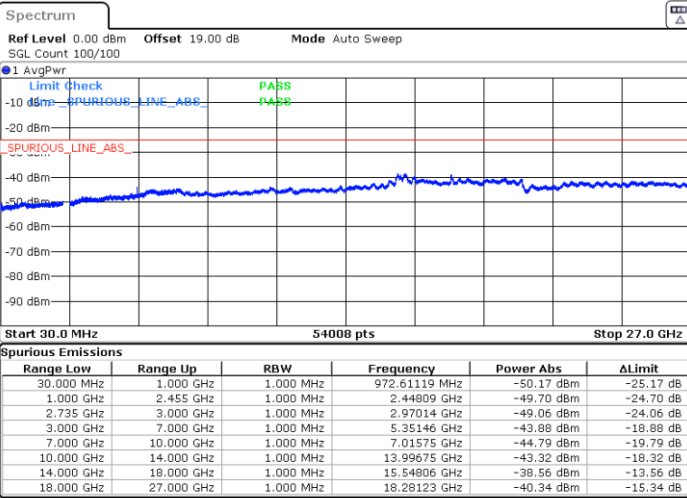
Middle Channel / 1RB49 and 1RB0



Date: 19.NOV.2024 14:35:27

Date: 19.NOV.2024 14:34:13

Highest Channel / 1RB49 and 1RB0



Date: 19.NOV.2024 14:49:53

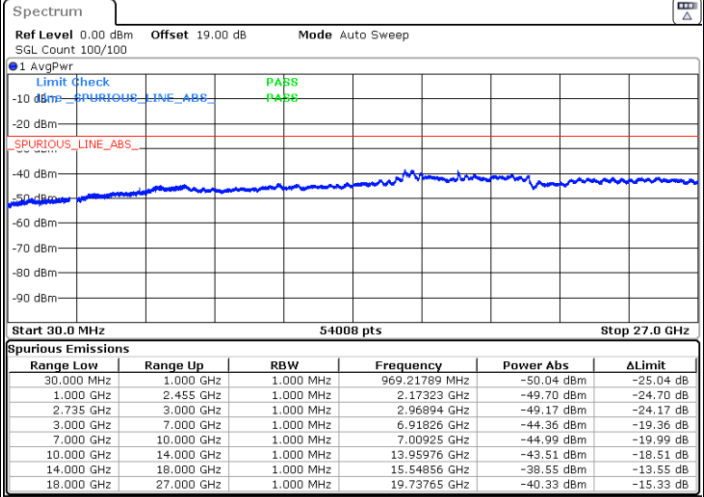
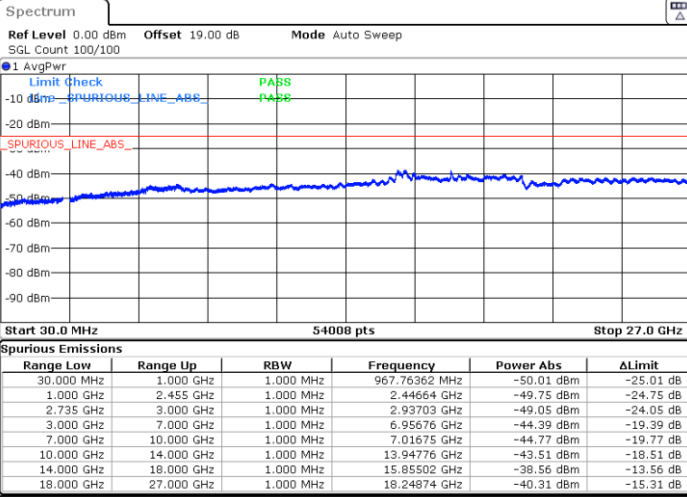


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

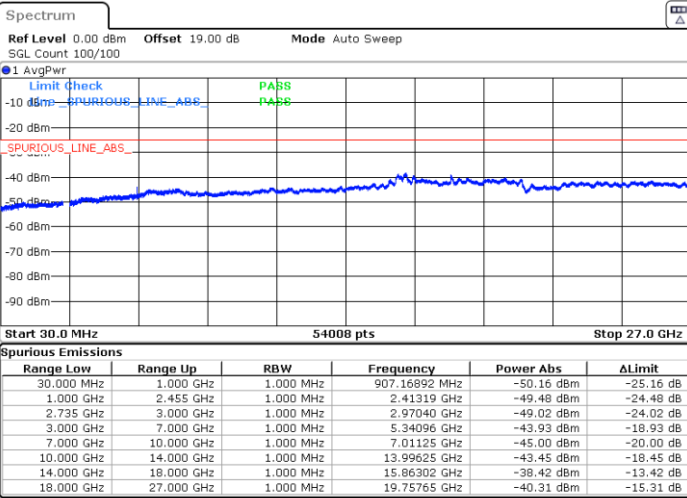
Middle Channel / 1RB49 and 1RB0



Date: 19.NOV.2024 17:55:28

Date: 19.NOV.2024 17:54:13

Highest Channel / 1RB49 and 1RB0



Date: 19.NOV.2024 18:08:50

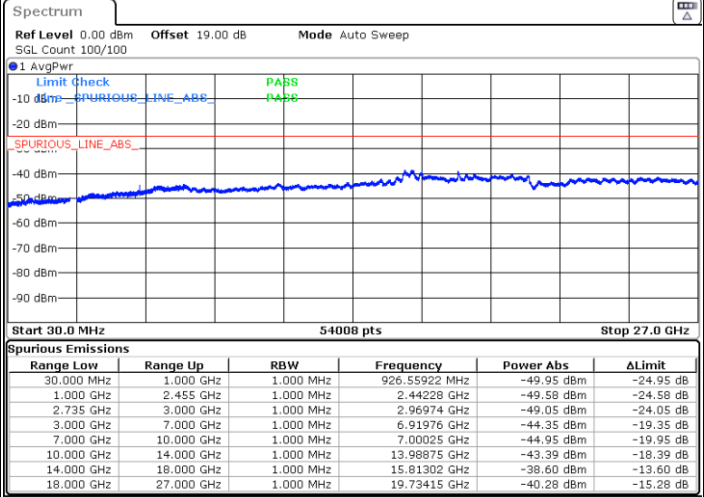
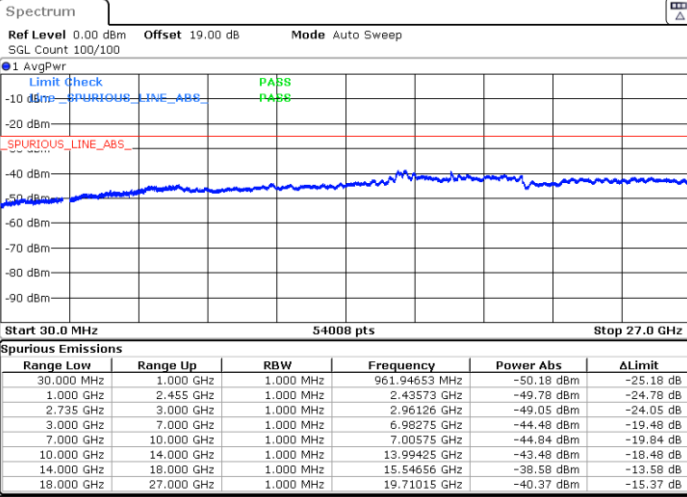


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

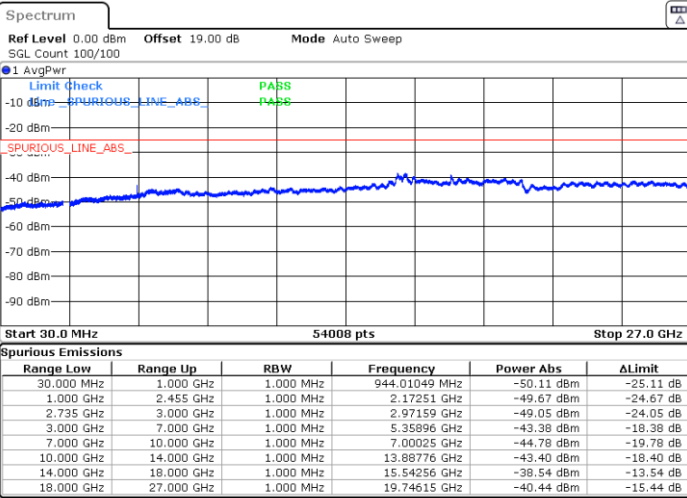
Middle Channel / 1RB74 and 1RB0



Date: 19.NOV.2024 17:37:36

Date: 19.NOV.2024 17:36:22

Highest Channel / 1RB74 and 1RB0



Date: 19.NOV.2024 17:50:59

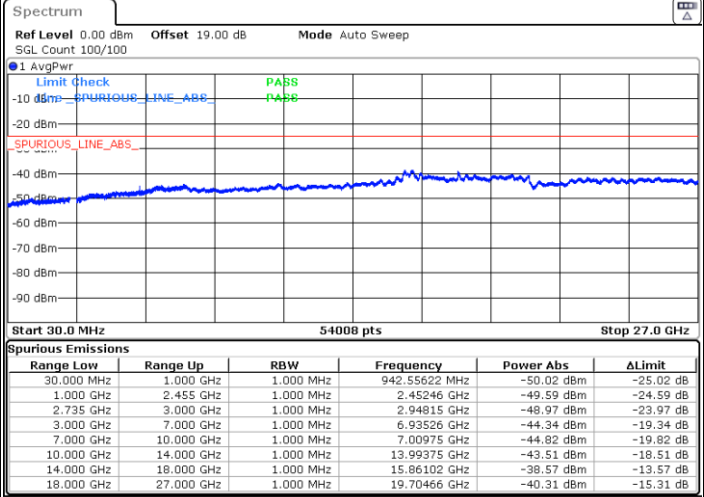
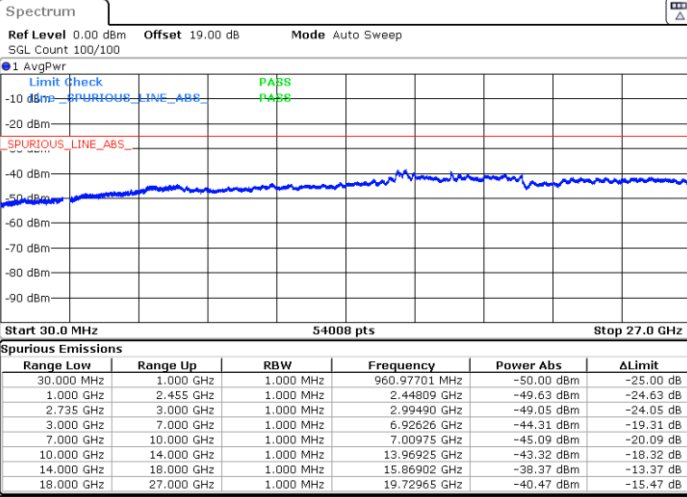


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

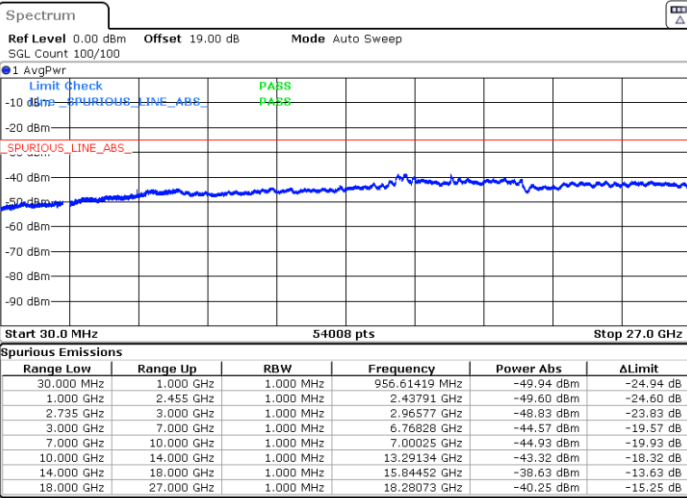
Middle Channel / 1RB74 and 1RB0



Date: 19.NOV.2024 18:30:40

Date: 19.NOV.2024 18:29:27

Highest Channel / 1RB74 and 1RB0



Date: 19.NOV.2024 18:43:28

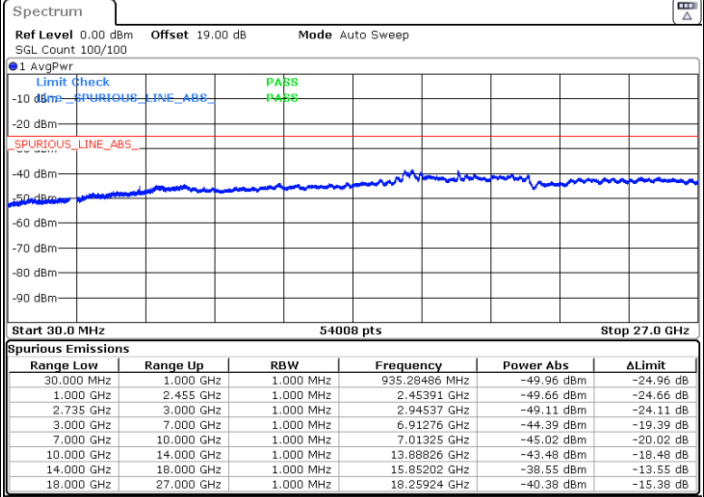
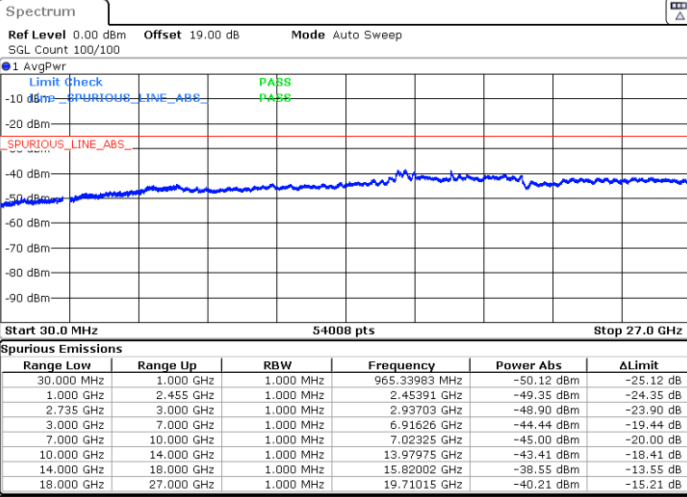


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

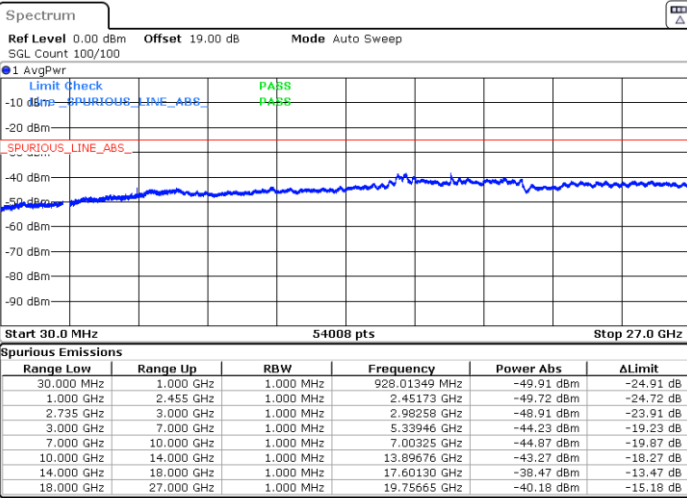
Middle Channel / 1RB74 and 1RB0



Date: 19.NOV.2024 18:47:55

Date: 19.NOV.2024 18:46:41

Highest Channel / 1RB74 and 1RB0



Date: 19.NOV.2024 19:00:56

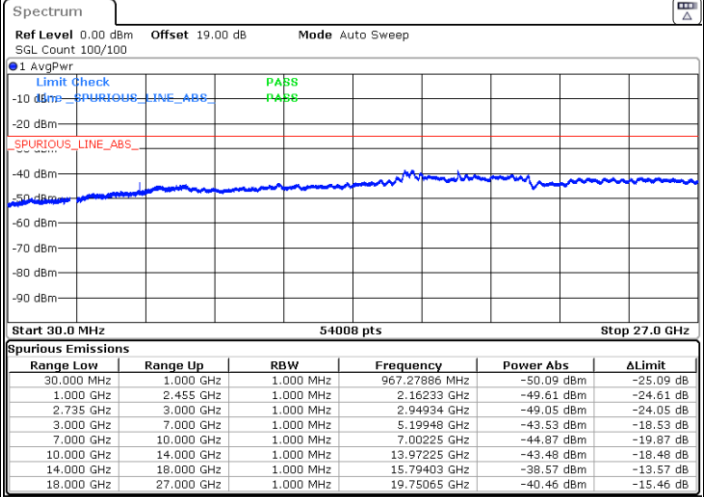
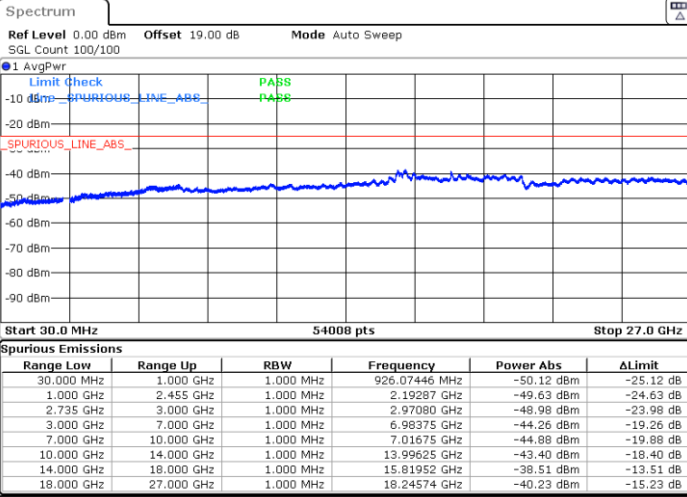


LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

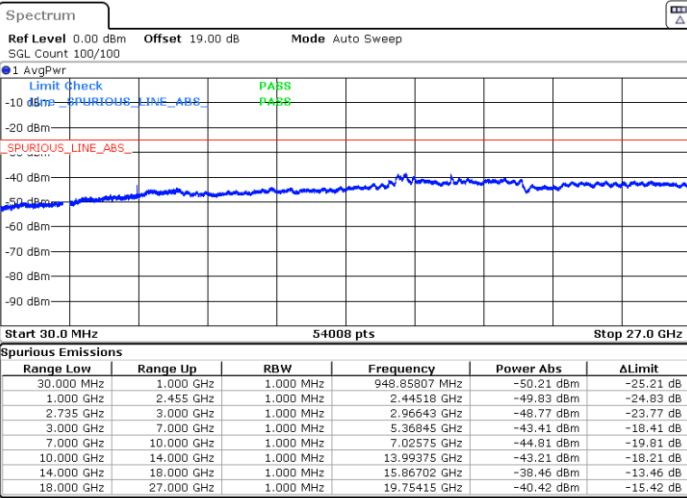
Middle Channel / 1RB99 and 1RB0



Date: 19.NOV.2024 14:16:28

Date: 19.NOV.2024 14:15:14

Highest Channel / 1RB99 and 1RB0



Date: 19.NOV.2024 14:30:58

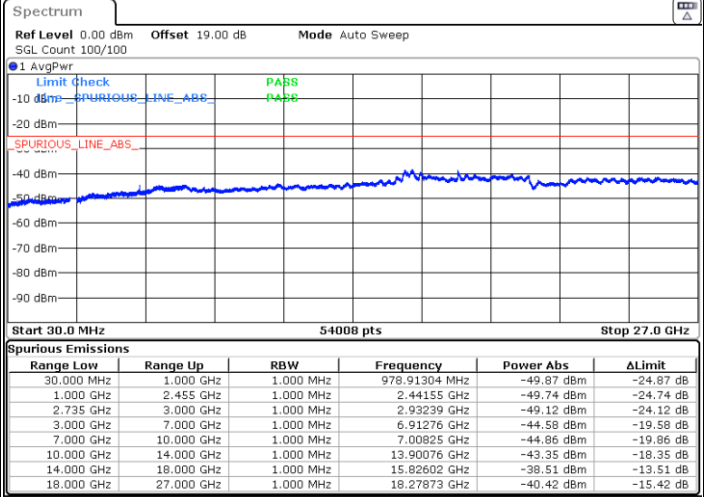
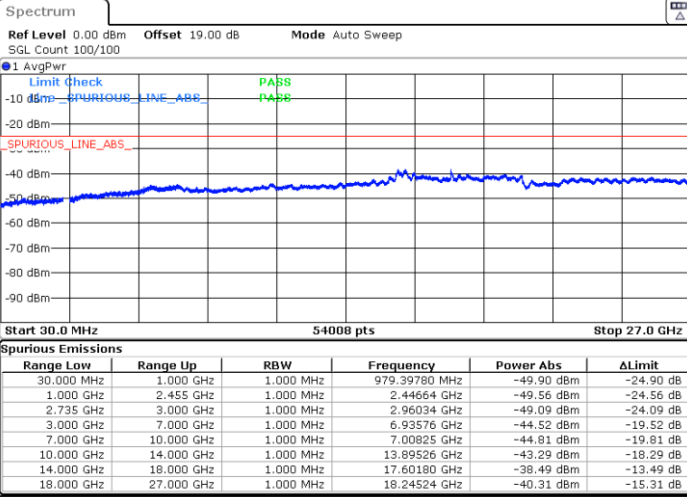


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

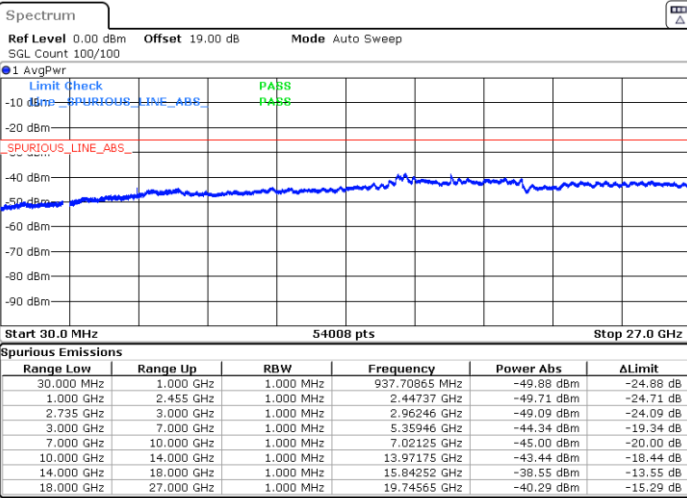
Middle Channel / 1RB99 and 1RB0



Date: 19.NOV.2024 18:13:18

Date: 19.NOV.2024 18:12:04

Highest Channel / 1RB99 and 1RB0



Date: 19.NOV.2024 18:26:20

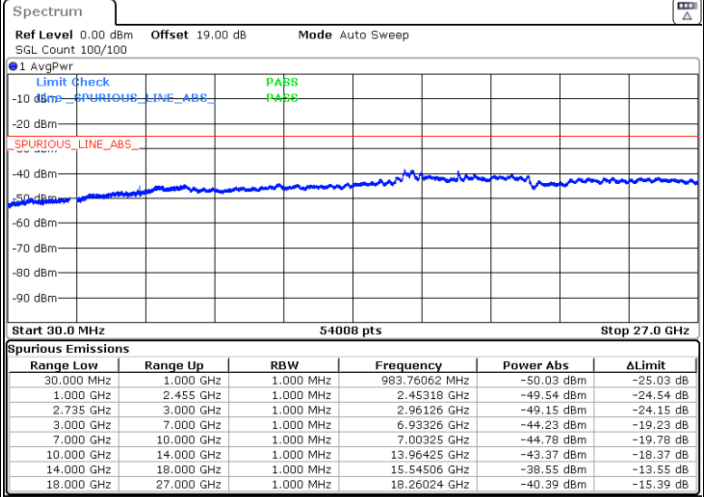
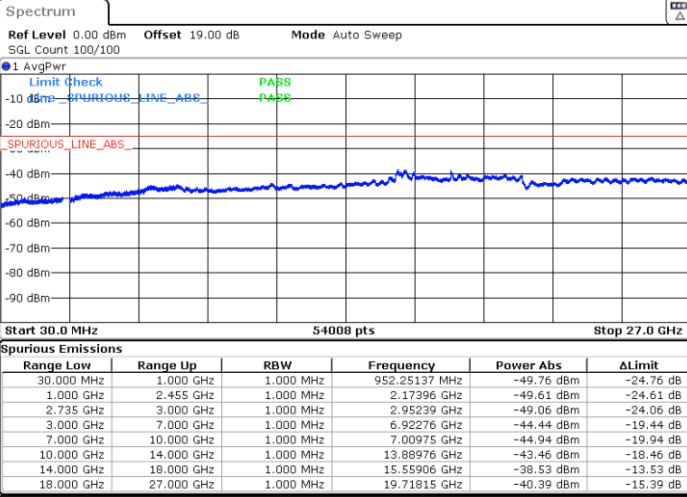


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

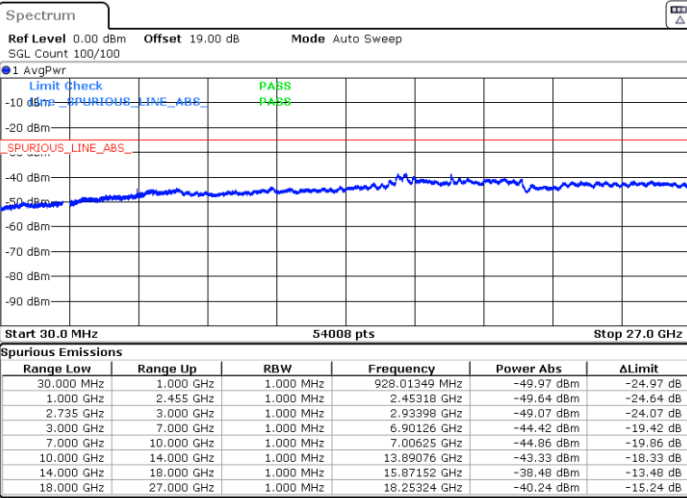
Middle Channel / 1RB99 and 1RB0



Date: 19.NOV.2024 19:05:25

Date: 19.NOV.2024 19:04:11

Highest Channel / 1RB99 and 1RB0



Date: 19.NOV.2024 19:18:28

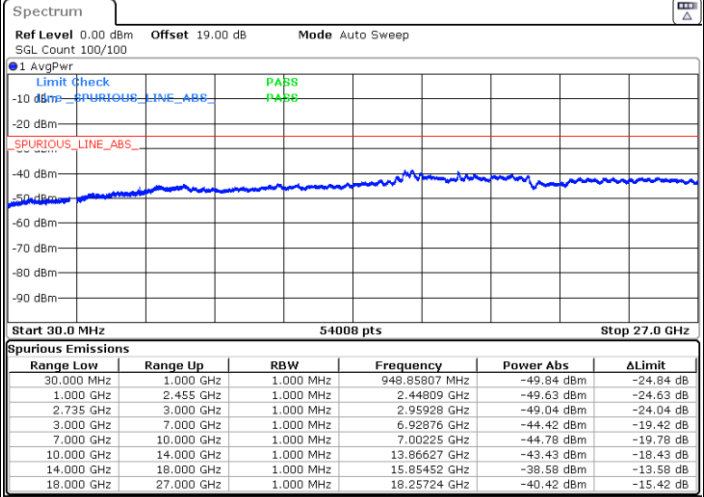
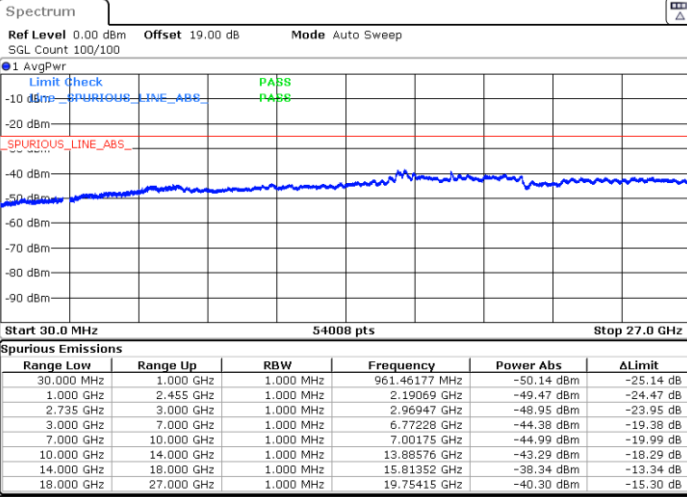


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

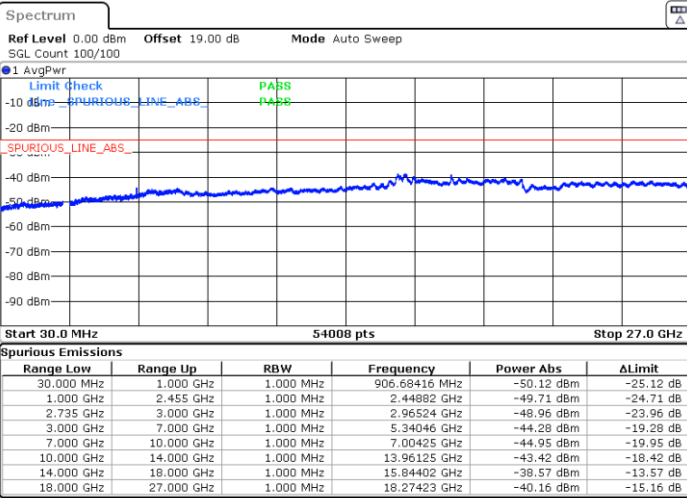
Middle Channel / 1RB99 and 1RB0



Date: 19.NOV.2024 19:22:46

Date: 19.NOV.2024 19:21:34

Highest Channel / 1RB99 and 1RB0



Date: 19.NOV.2024 19:35:41



# 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 7 / 20MHz / QPSK Ant.9								
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	5008	-57.91	-25	-32.91	-68.12	3.03	13.24	H
	7500	-58.52	-25	-33.52	-67.97	3.56	13.01	H
	10006	-60.05	-25	-35.05	-69.57	3.92	13.44	H
	5008	-56.60	-25	-31.60	-66.81	3.03	13.24	V
	7500	-60.93	-25	-35.93	-70.38	3.56	13.01	V
	10006	-60.50	-25	-35.50	-70.02	3.92	13.44	V
Middle	5050	-55.92	-25	-30.92	-66.13	3.03	13.24	H
	7584	-55.24	-25	-30.24	-64.69	3.56	13.01	H
	10104	-60.58	-25	-35.58	-70.10	3.92	13.44	H
	5050	-55.70	-25	-30.70	-65.91	3.03	13.24	V
	7584	-55.39	-25	-30.39	-64.84	3.56	13.01	V
	10104	-60.89	-25	-35.89	-70.41	3.92	13.44	V
Highest	5106	-58.38	-25	-33.38	-68.59	3.03	13.24	H
	7654	-58.11	-25	-33.11	-67.56	3.56	13.01	H
	10202	-60.25	-25	-35.25	-69.77	3.92	13.44	H
	5106	-56.56	-25	-31.56	-66.77	3.03	13.24	V
	7654	-60.70	-25	-35.70	-70.15	3.56	13.01	V
	10202	-60.92	-25	-35.92	-70.44	3.92	13.44	V

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



LTE Band 41 / 20MHz / QPSK Ant.1								
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	4994	-50.72	-25	-25.72	-60.93	3.03	13.24	H
	7486	-54.41	-25	-29.41	-63.86	3.56	13.01	H
	9992	-51.00	-25	-26.00	-60.52	3.92	13.44	H
	4994	-53.89	-25	-28.89	-64.10	3.03	13.24	V
	7486	-55.33	-25	-30.33	-64.78	3.56	13.01	V
	9992	-54.26	-25	-29.26	-63.78	3.92	13.44	V
Middle	5162	-62.47	-25	-37.47	-72.68	3.03	13.24	H
	7752	-56.55	-25	-31.55	-66.00	3.56	13.01	H
	10342	-46.36	-25	-21.36	-55.88	3.92	13.44	H
	5162	-62.51	-25	-37.51	-72.72	3.03	13.24	V
	7752	-53.78	-25	-28.78	-63.23	3.56	13.01	V
	10342	-47.73	-25	-22.73	-57.25	3.92	13.44	V
Highest	5344	-63.15	-25	-38.15	-73.36	3.03	13.24	H
	8018	-61.40	-25	-36.40	-70.85	3.56	13.01	H
	10678	-53.63	-25	-28.63	-63.15	3.92	13.44	H
	5344	-63.97	-25	-38.97	-74.18	3.03	13.24	V
	8018	-59.38	-25	-34.38	-68.83	3.56	13.01	V
	10678	-52.01	-25	-27.01	-61.53	3.92	13.44	V

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



LTE CA_41C PCC / 20MHz+20MHz / QPSK Ant.1								
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	4994	-60.92	-25	-35.92	-71.13	3.03	13.24	H
	7486	-60.07	-25	-35.07	-69.52	3.56	13.01	H
	9992	-61.96	-25	-36.96	-71.48	3.92	13.44	H
	4994	-60.88	-25	-35.88	-71.09	3.03	13.24	V
	7486	-61.06	-25	-36.06	-70.51	3.56	13.01	V
	9992	-61.51	-25	-36.51	-71.03	3.92	13.44	V
Middle	5148	-61.35	-25	-36.35	-71.56	3.03	13.24	H
	7724	-59.95	-25	-34.95	-69.40	3.56	13.01	H
	10300	-60.25	-25	-35.25	-69.77	3.92	13.44	H
	5148	-61.09	-25	-36.09	-71.30	3.03	13.24	V
	7724	-60.14	-25	-35.14	-69.59	3.56	13.01	V
	10300	-60.35	-25	-35.35	-69.87	3.92	13.44	V
Highest	5302	-62.40	-25	-37.40	-72.61	3.03	13.24	H
	7948	-60.68	-25	-35.68	-70.13	3.56	13.01	H
	10608	-60.71	-25	-35.71	-70.23	3.92	13.44	H
	5302	-62.25	-25	-37.25	-72.46	3.03	13.24	V
	7948	-60.47	-25	-35.47	-69.92	3.56	13.01	V
	10608	-60.97	-25	-35.97	-70.49	3.92	13.44	V

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

LTE CA_41C SCC / 20MHz+20MHz / QPSK Ant.1								
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	5036	-61.02	-25	-36.02	-71.23	3.03	13.24	H
	7556	-61.03	-25	-36.03	-70.48	3.56	13.01	H
	10062	-62.03	-25	-37.03	-71.55	3.92	13.44	H
	5036	-61.04	-25	-36.04	-71.25	3.03	13.24	V
	7556	-61.00	-25	-36.00	-70.45	3.56	13.01	V
	10062	-61.84	-25	-36.84	-71.36	3.92	13.44	V
Middle	5190	-61.53	-25	-36.53	-71.74	3.03	13.24	H
	7780	-60.66	-25	-35.66	-70.11	3.56	13.01	H
	10370	-60.09	-25	-35.09	-69.61	3.92	13.44	H
	5190	-61.73	-25	-36.73	-71.94	3.03	13.24	V
	7780	-60.12	-25	-35.12	-69.57	3.56	13.01	V
	10370	-60.43	-25	-35.43	-69.95	3.92	13.44	V
Highest	5344	-62.93	-25	-37.93	-73.14	3.03	13.24	H
	8018	-61.39	-25	-36.39	-70.84	3.56	13.01	H
	10678	-61.36	-25	-36.36	-70.88	3.92	13.44	H
	5344	-62.15	-25	-37.15	-72.36	3.03	13.24	V
	8018	-61.36	-25	-36.36	-70.81	3.56	13.01	V
	10678	-61.54	-25	-36.54	-71.06	3.92	13.44	V

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