

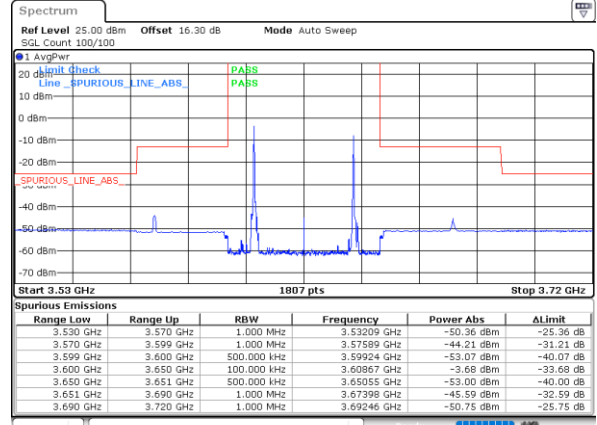
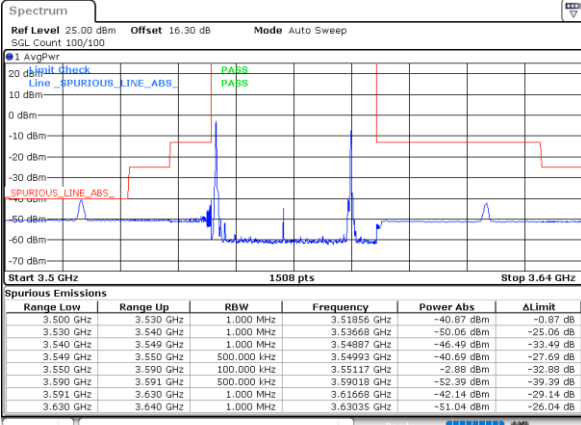


LTE Band 48C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Middle Band Edge / 1RB0 and 1RB9

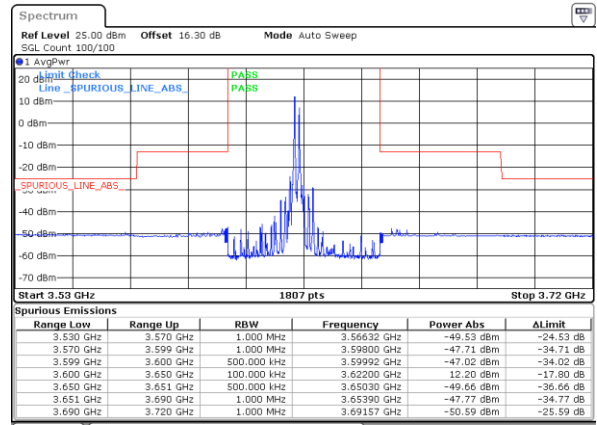
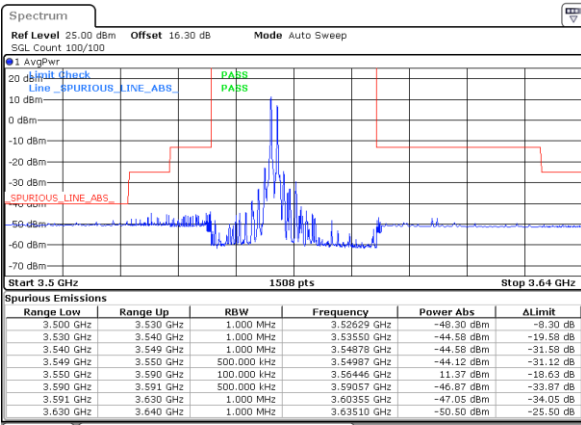


Date: 18.MAY.2022 19:24:12

Date: 18.MAY.2022 19:27:06

Lowest Band Edge / 1RB74 and 1RB0

Middle Band Edge / 1RB74 and 1RB0

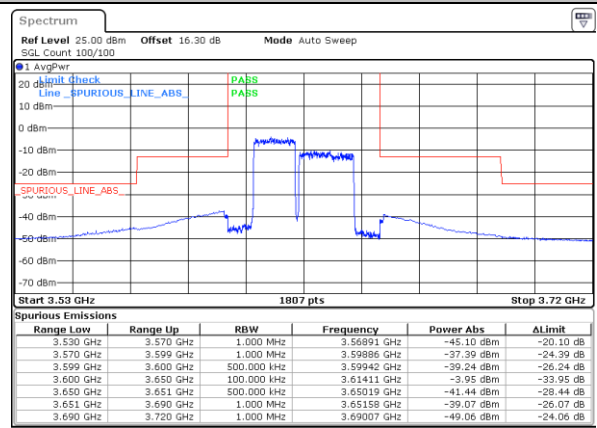
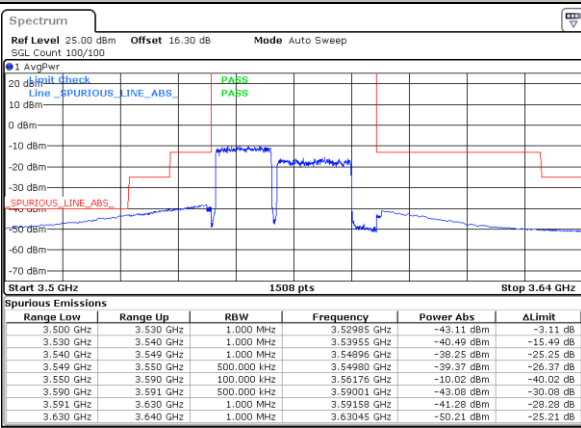


Date: 18.MAY.2022 19:25:10

Date: 18.MAY.2022 19:28:04

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 18.MAY.2022 19:23:14

Date: 18.MAY.2022 19:26:08

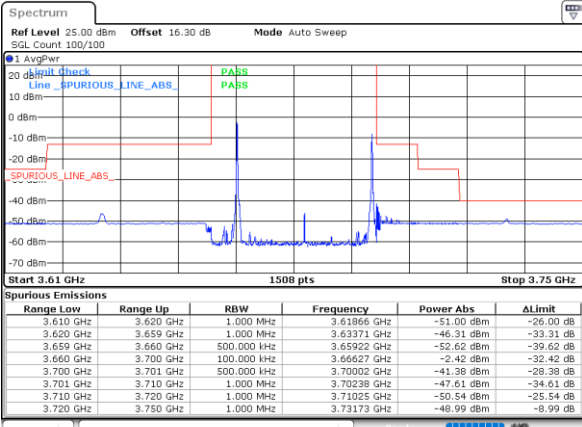


LTE Band 48C / 15MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB9

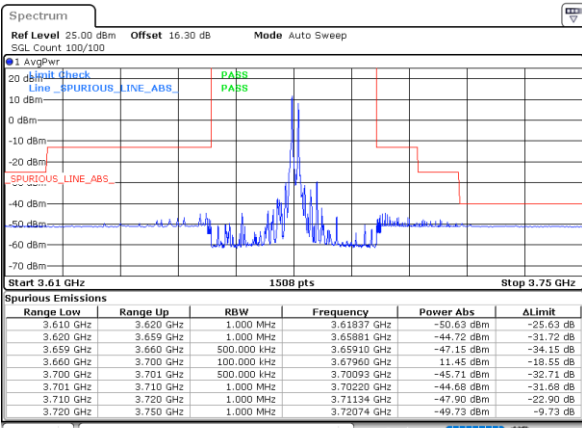
N/A



Date: 18.MAY.2022 19:30:00

Highest Band Edge / 1RB74 and 1RB0

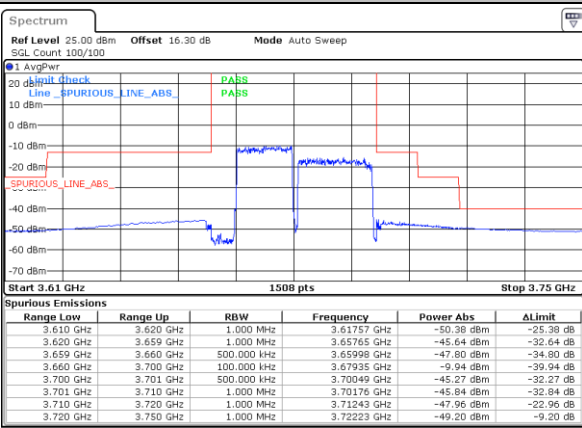
N/A



Date: 18.MAY.2022 19:30:58

Highest Band Edge / Full RB

N/A



Date: 18.MAY.2022 19:29:01

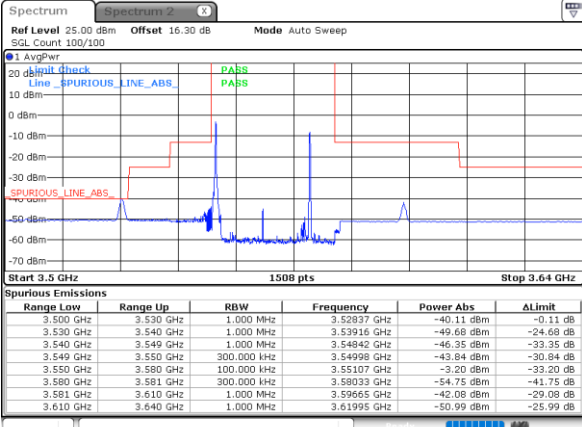


LTE Band 48C/ 20MHz+5MHz

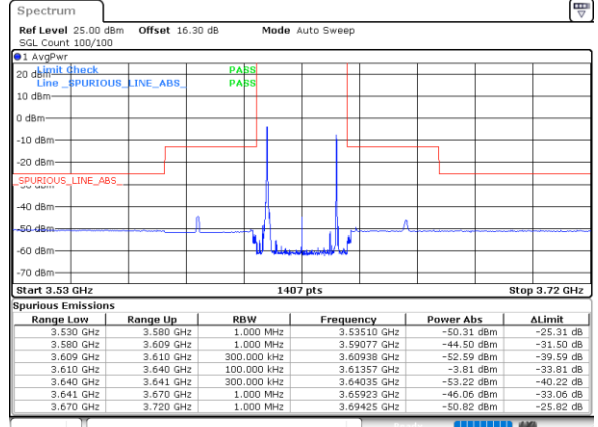
256QAM

Lowest Band Edge / 1RB0 and 1RB24

Middle Band Edge / 1RB0 and 1RB24



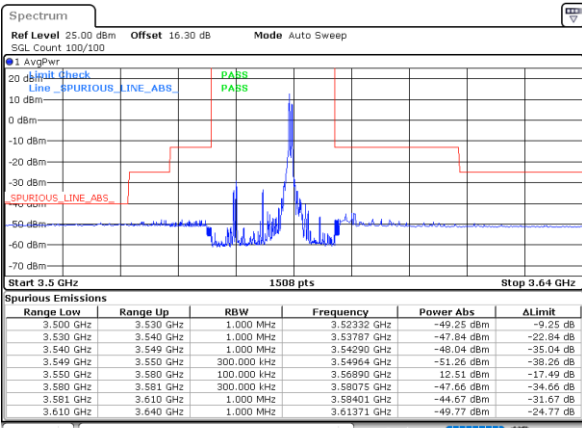
Date: 19_MAY.2022 00:03:08



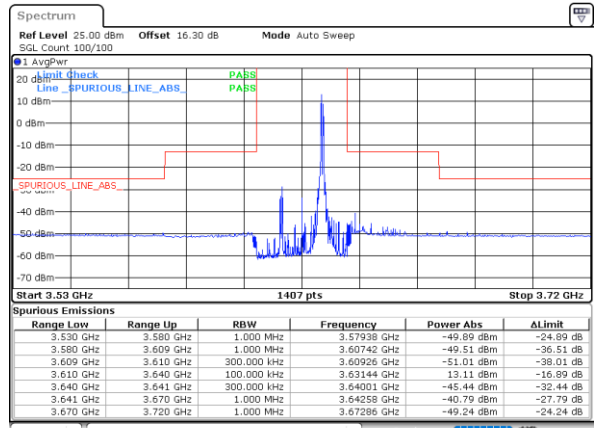
Date: 18_MAY.2022 22:30:54

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0



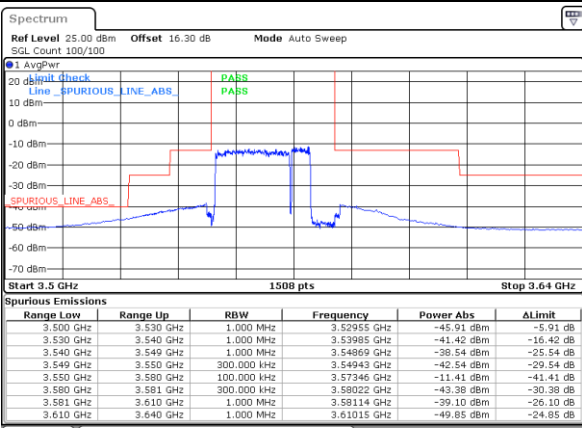
Date: 18_MAY.2022 22:28:57



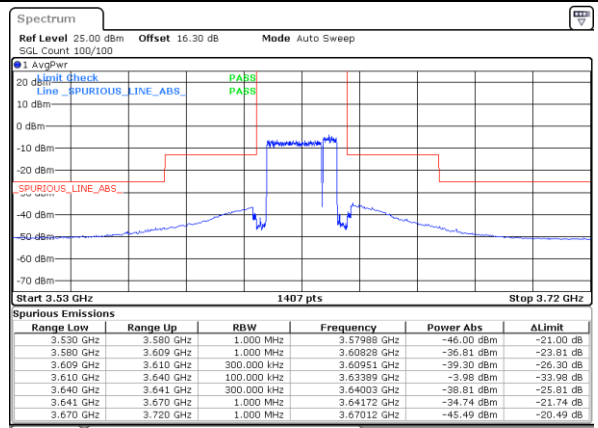
Date: 18_MAY.2022 22:31:52

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 18_MAY.2022 22:27:01



Date: 18_MAY.2022 22:29:55

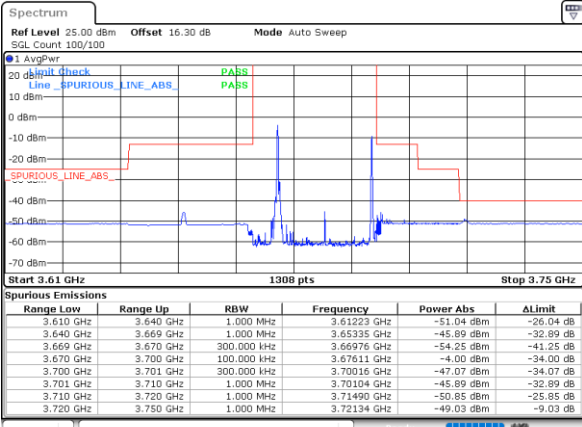


LTE Band 48C / 20MHz+5MHz

256QAM

Highest Band Edge / 1RB0 and 1RB24

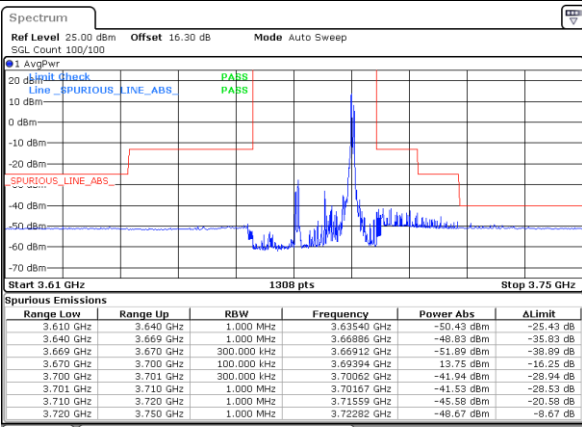
N/A



Date: 19_MAY.2022 22:33:49

Highest Band Edge / 1RB99 and 1RB0

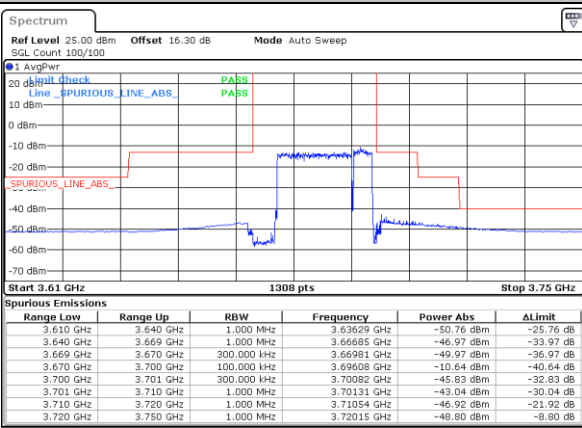
N/A



Date: 19_MAY.2022 22:34:47

Highest Band Edge / Full RB

N/A



Date: 19_MAY.2022 22:32:50

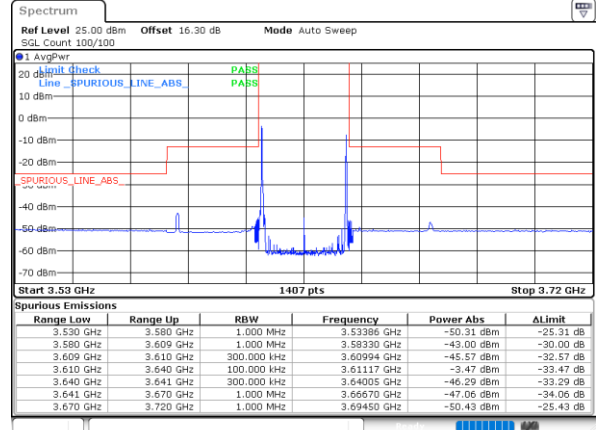
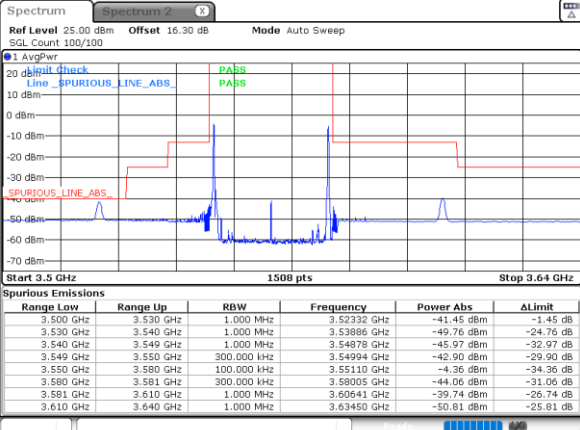


LTE Band 48C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

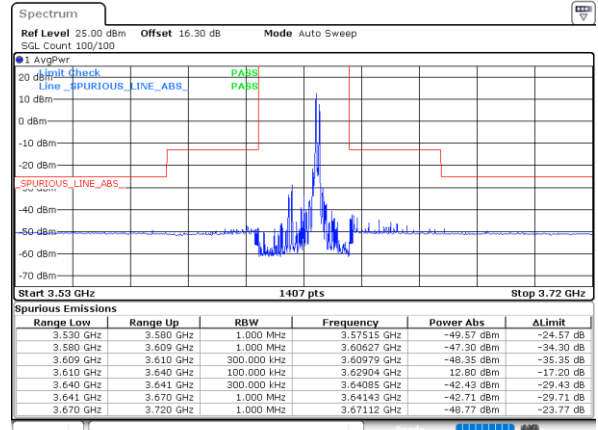
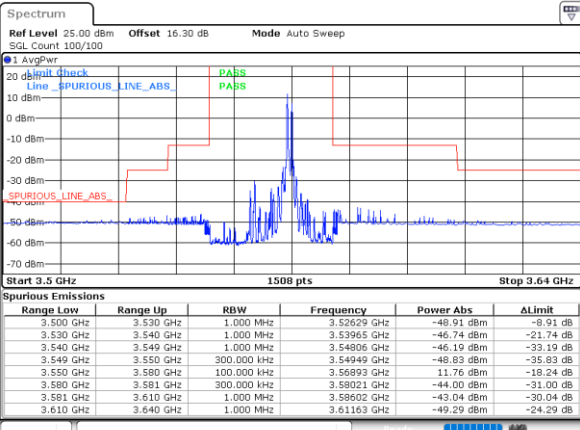


Date: 2.JUN.2022 20:50:27

Date: 18.MAY.2022 20:27:11

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

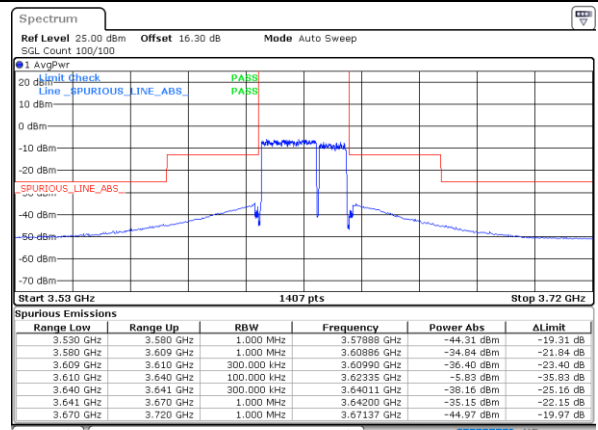
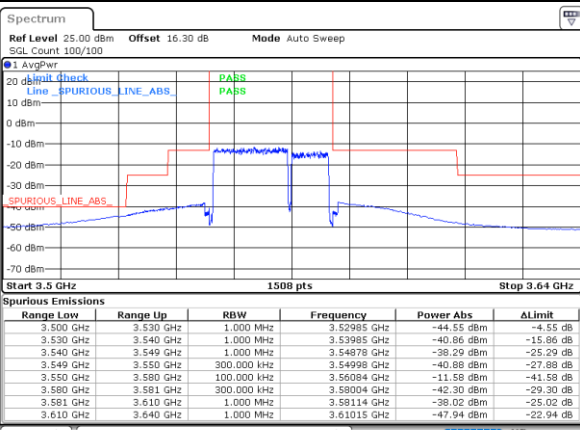


Date: 18.MAY.2022 20:25:15

Date: 18.MAY.2022 20:28:09

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 18.MAY.2022 20:23:18

Date: 18.MAY.2022 20:26:13

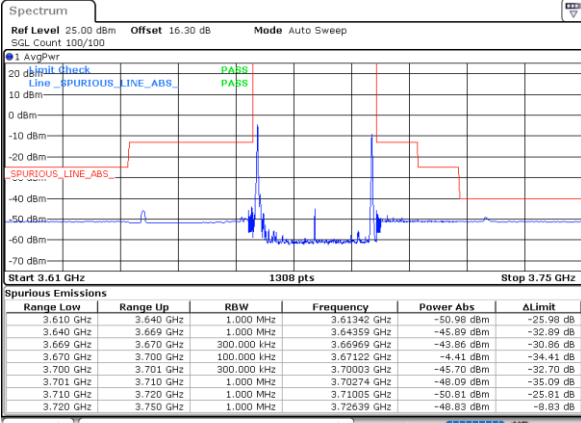


LTE Band 48C / 20MHz+10MHz

256QAM

Highest Band Edge / 1RB0 and 1RB49

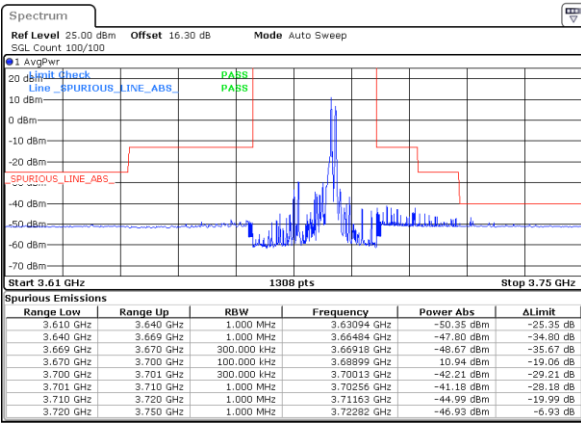
N/A



Date: 18.MAY.2022 20:30:05

Highest Band Edge / 1RB99 and 1RB0

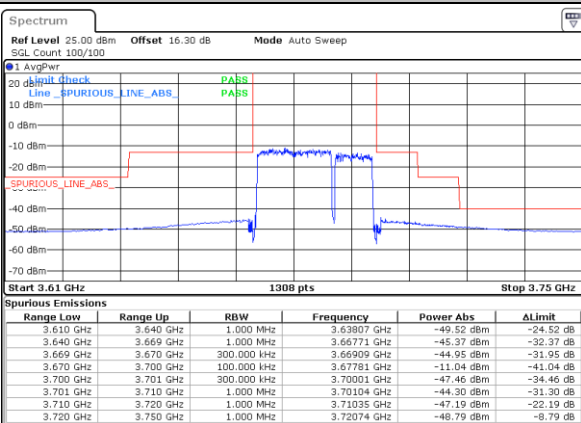
N/A



Date: 18.MAY.2022 20:31:03

Highest Band Edge / Full RB

N/A



Date: 18.MAY.2022 20:29:06

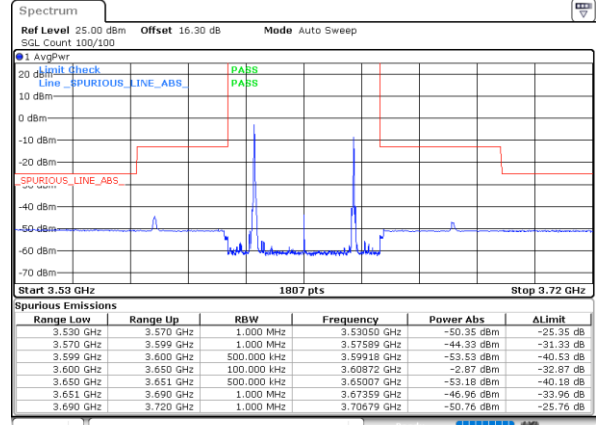
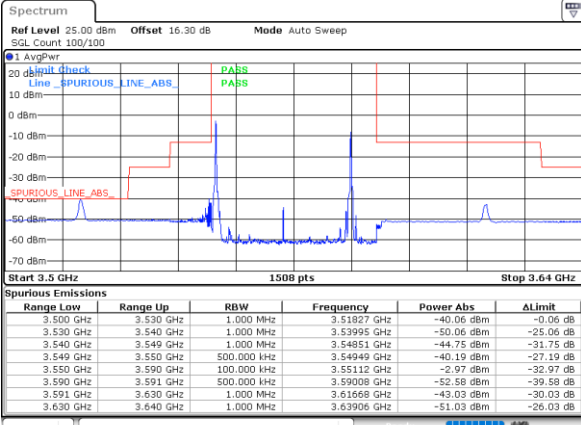


LTE Band 48C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74

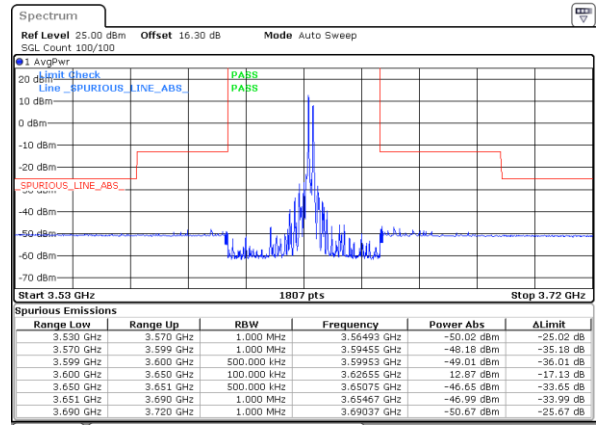
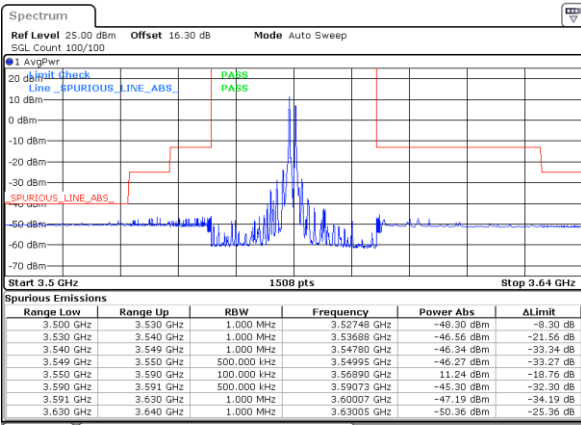


Date: 18.MAY.2022 18:29:15

Date: 18.MAY.2022 18:32:09

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

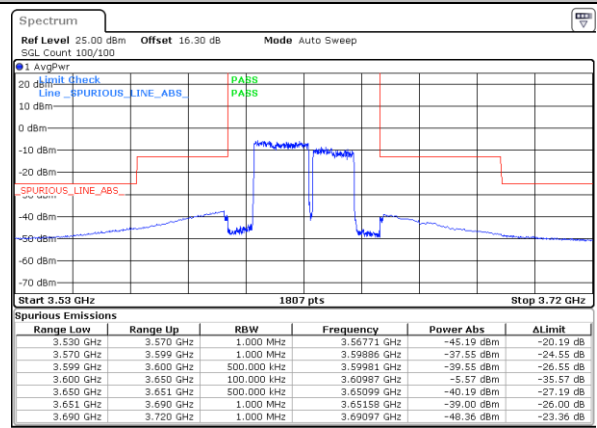
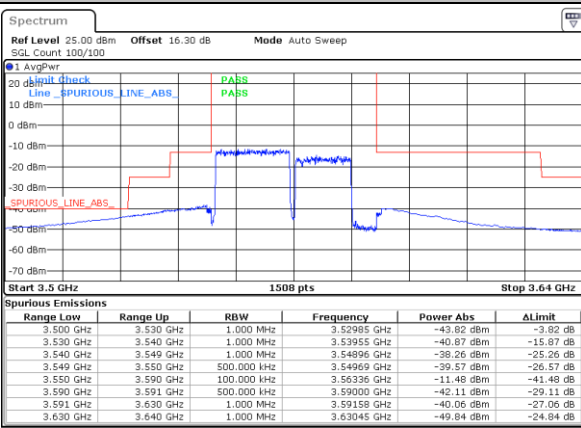


Date: 18.MAY.2022 18:30:13

Date: 18.MAY.2022 18:33:07

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 18.MAY.2022 18:28:17

Date: 18.MAY.2022 18:31:11

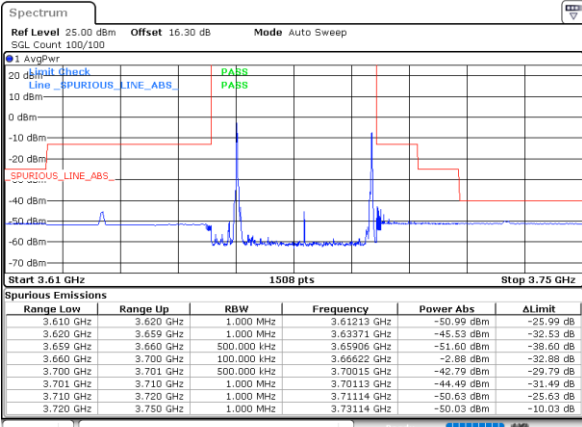


LTE Band 48C / 20MHz+15MHz

256QAM

Highest Band Edge / 1RB0 and 1RB74

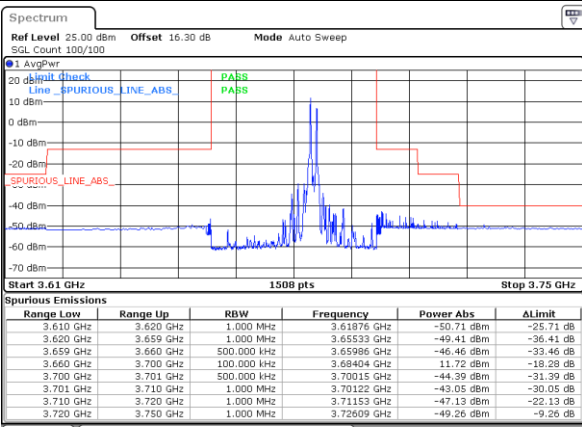
N/A



Date: 18.MAY.2022 18:35:03

Highest Band Edge / 1RB99 and 1RB0

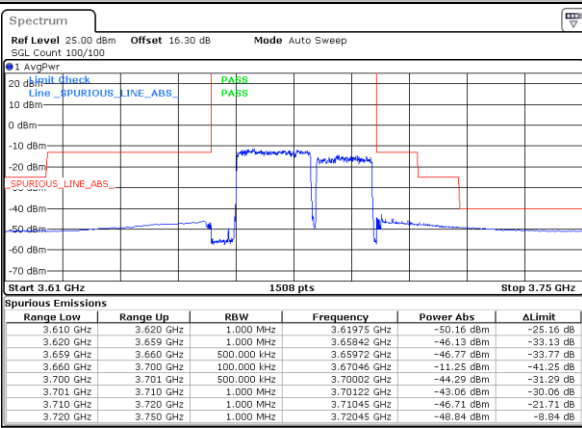
N/A



Date: 18.MAY.2022 18:36:01

Highest Band Edge / Full RB

N/A



Date: 18.MAY.2022 18:34:05

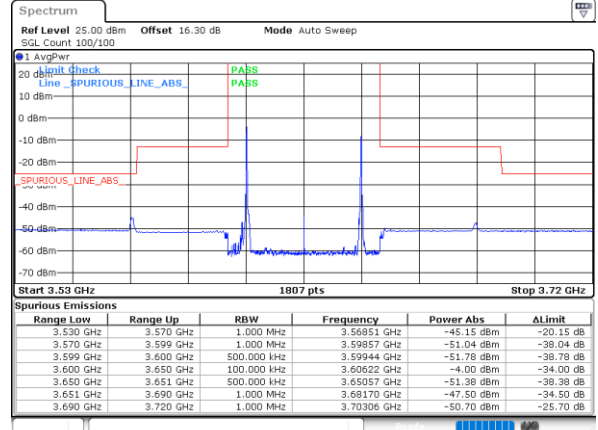
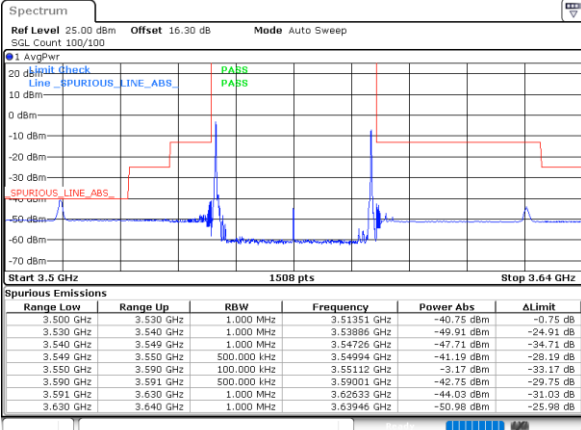


LTE Band 48C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Middle Band Edge / 1RB0 and 1RB9

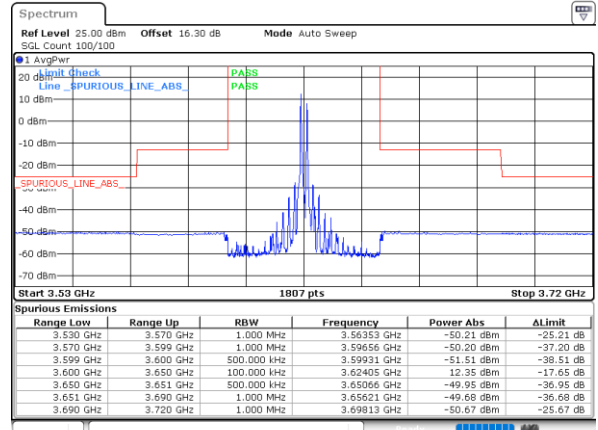
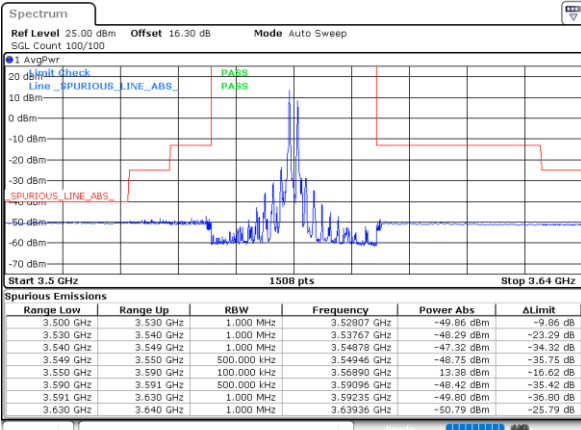


Date: 18.MAY.2022 17:33:41

Date: 18.MAY.2022 17:36:35

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

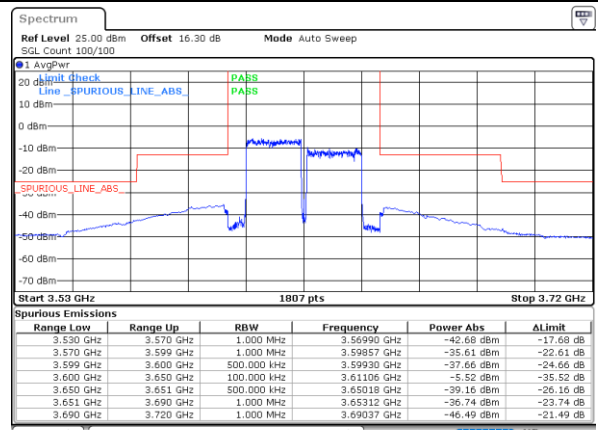
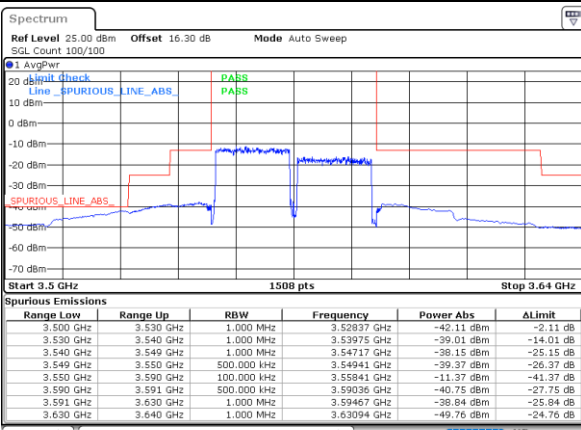


Date: 18.MAY.2022 17:34:39

Date: 18.MAY.2022 17:37:32

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 18.MAY.2022 17:32:43

Date: 18.MAY.2022 17:35:36

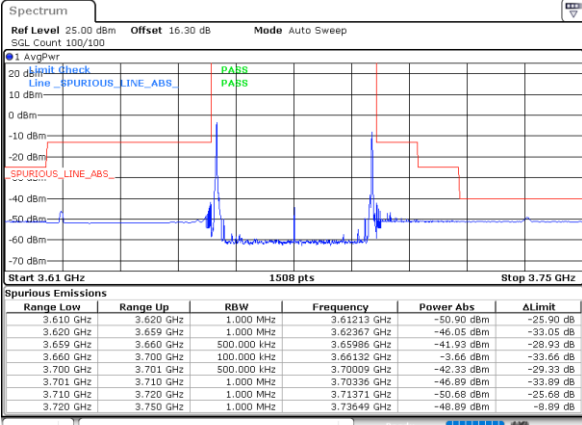


LTE Band 48C / 20MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB9

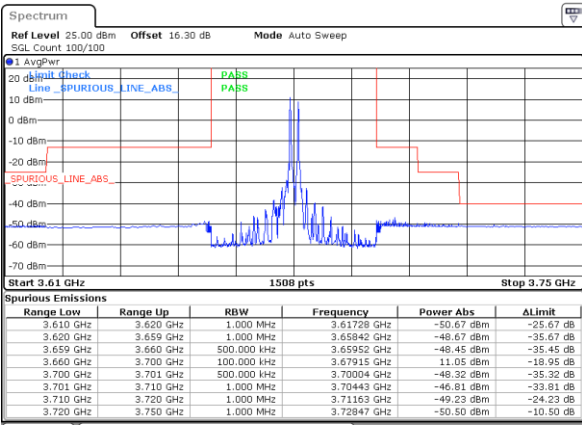
N/A



Date: 19.MAY.2022 17:39:28

Highest Band Edge / 1RB99 and 1RB0

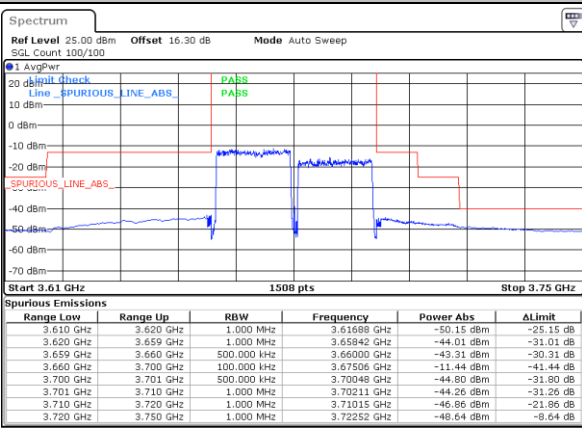
N/A



Date: 19.MAY.2022 17:40:26

Highest Band Edge / Full RB

N/A



Date: 19.MAY.2022 17:38:30



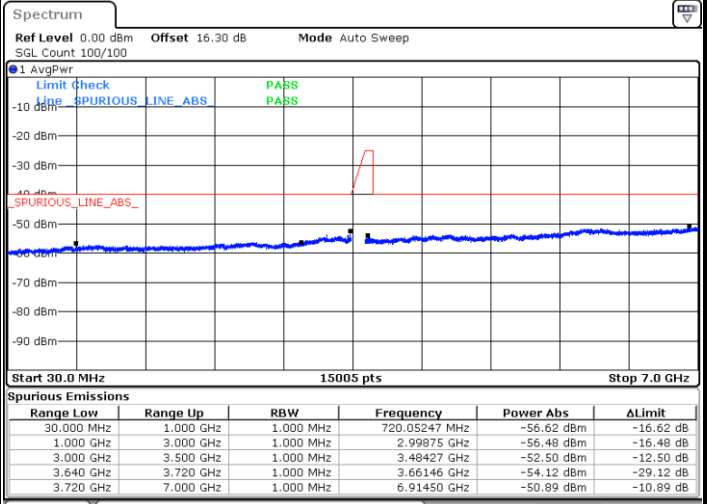
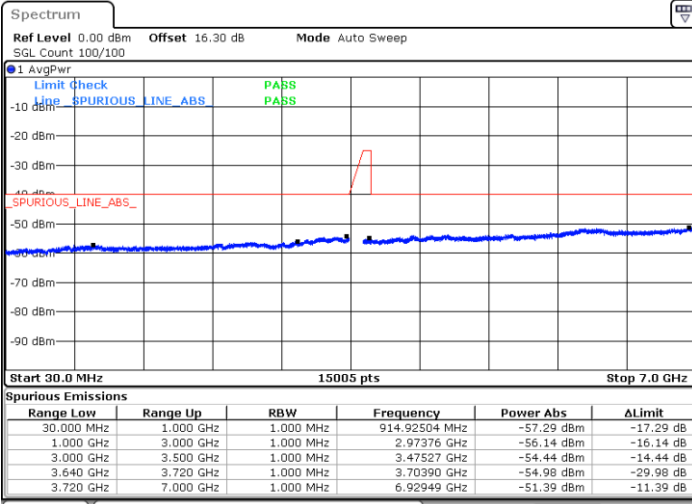
Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0

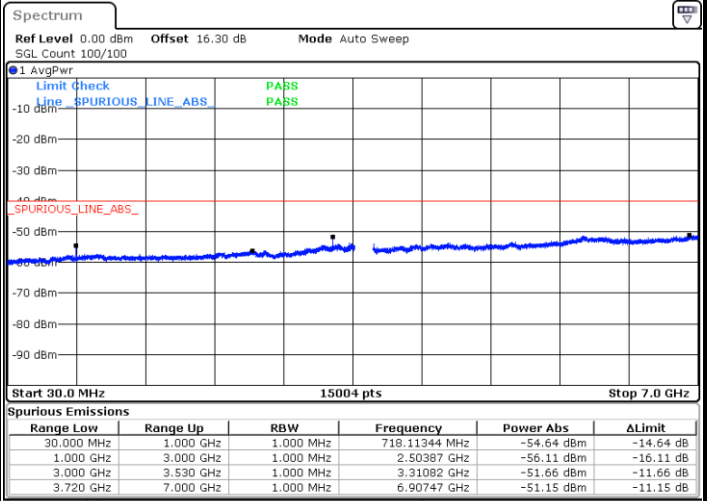
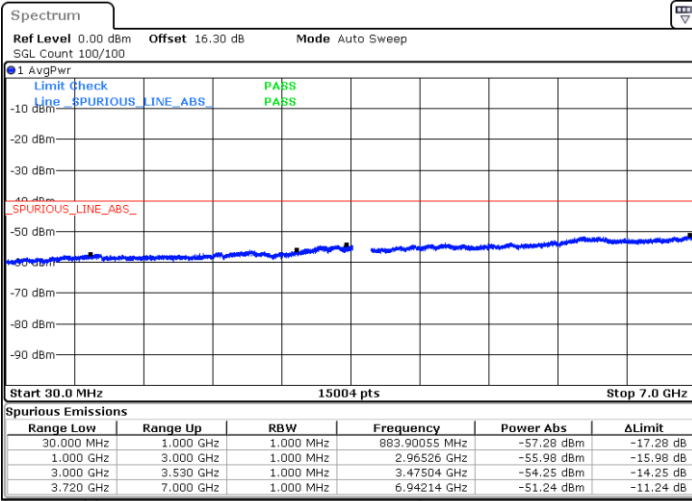


Date: 18.MAY.2022 22:49:15

Date: 18.MAY.2022 22:47:58

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



Date: 18.MAY.2022 23:04:16

Date: 18.MAY.2022 23:05:34

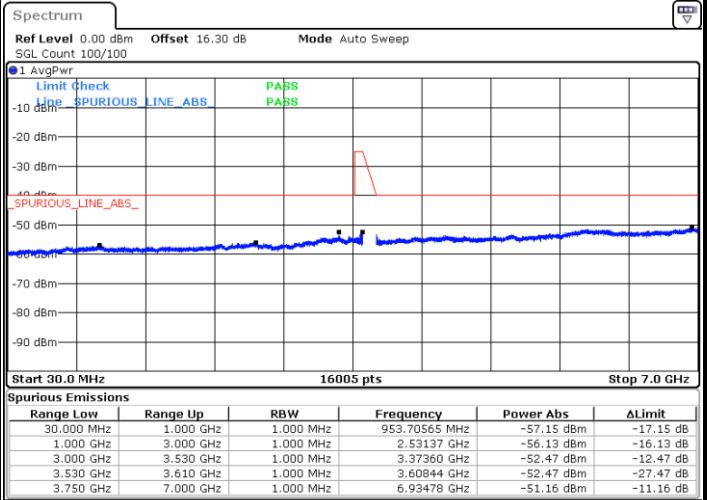
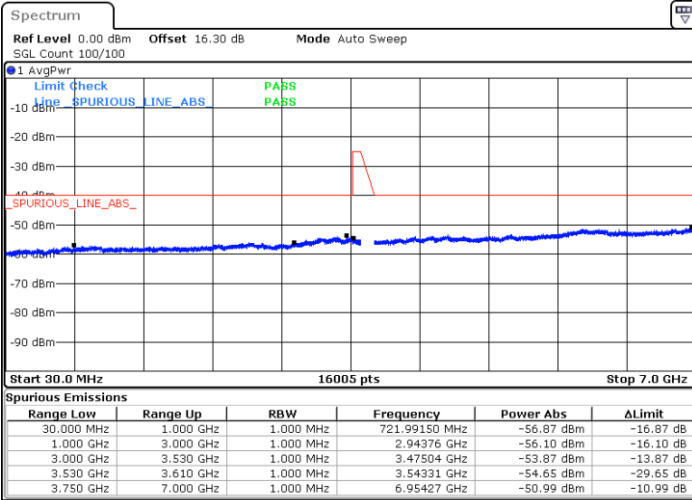


LTE Band 48C / 5MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Date: 18.MAY.2022 23:19:22

Date: 18.MAY.2022 23:18:04

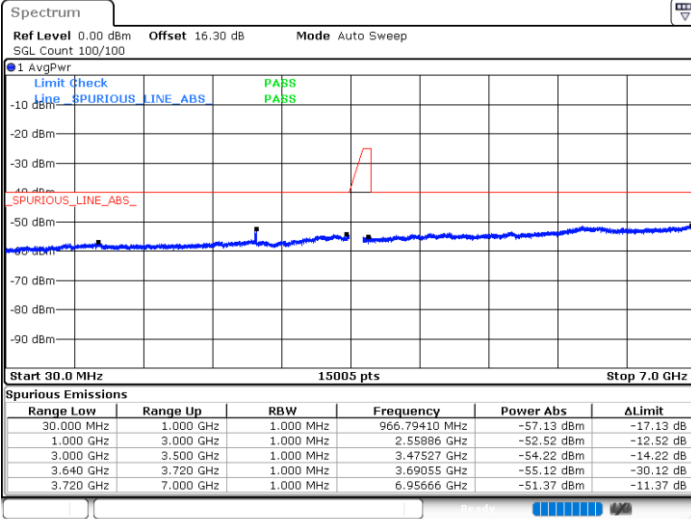


LTE Band 48C / 10MHz+20MHz

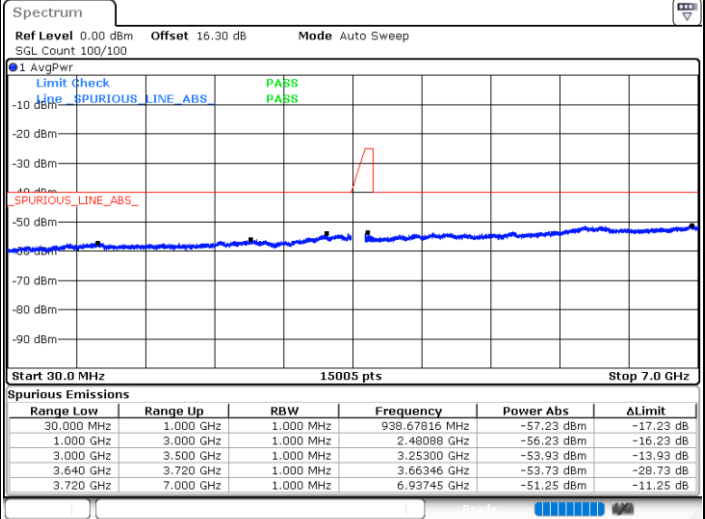
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



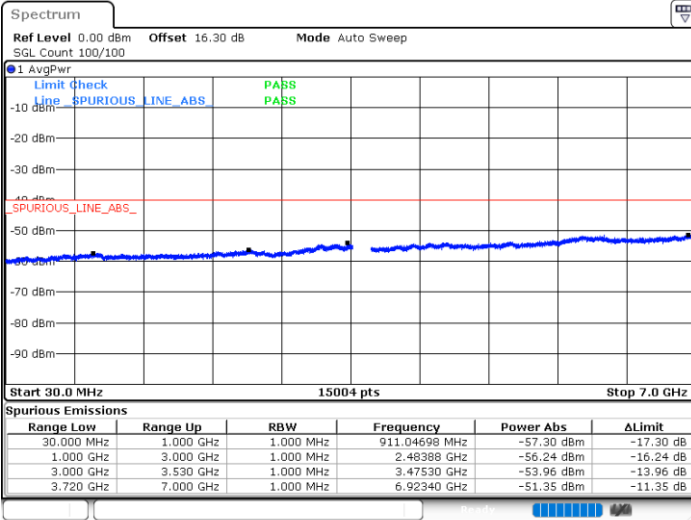
Date: 18.MAY.2022 20:48:55



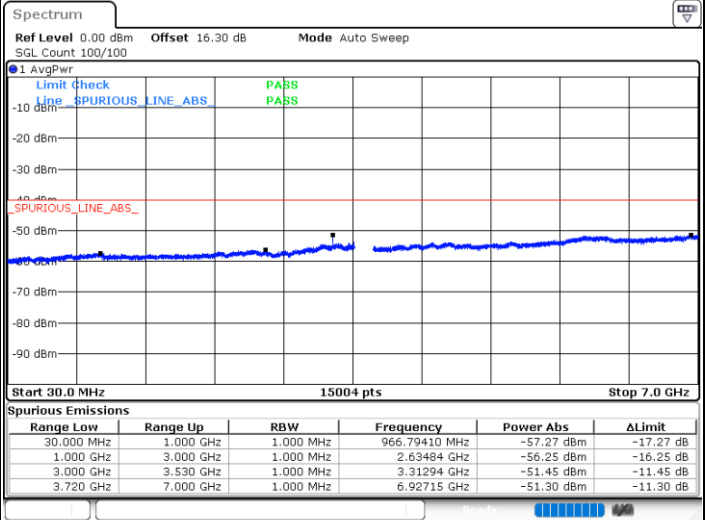
Date: 18.MAY.2022 20:47:37

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 18.MAY.2022 21:04:26



Date: 18.MAY.2022 21:05:44

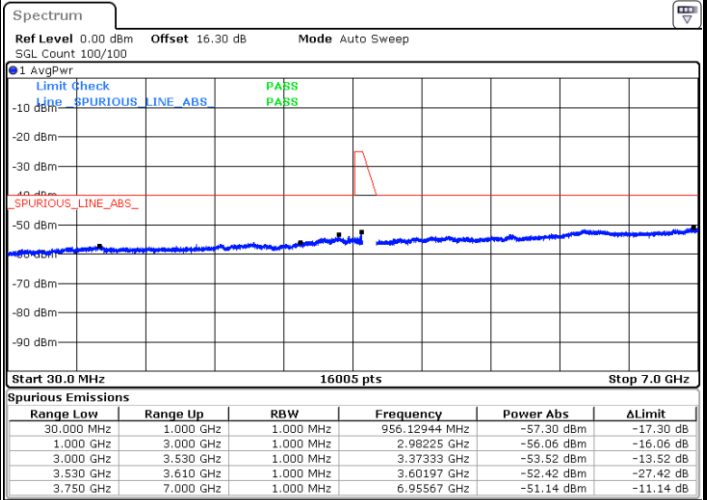
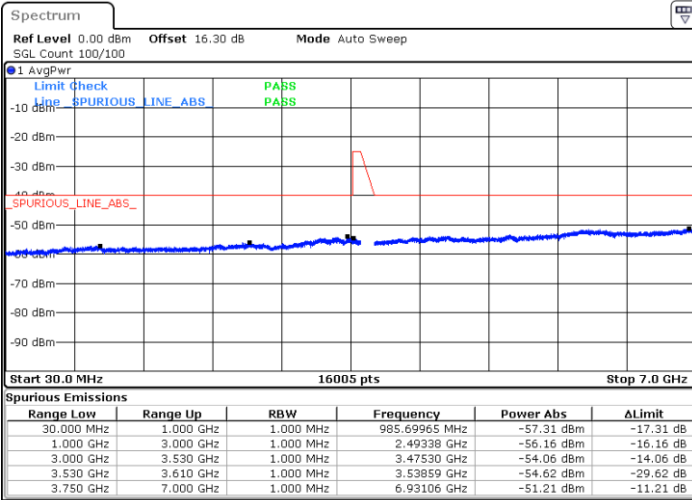


LTE Band 48C / 10MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 18.MAY.2022 21:25:10

Date: 18.MAY.2022 21:23:52

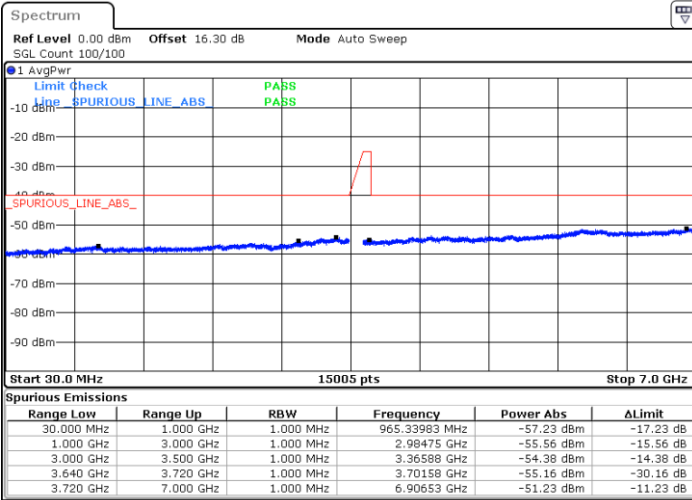


LTE Band 48C / 15MHz+20MHz

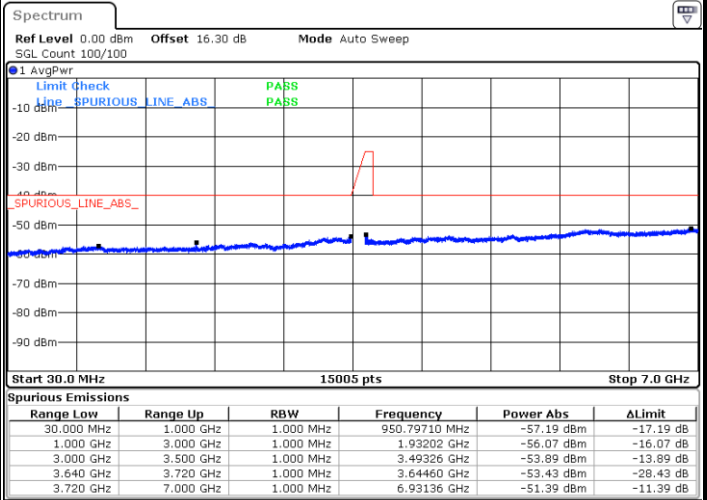
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



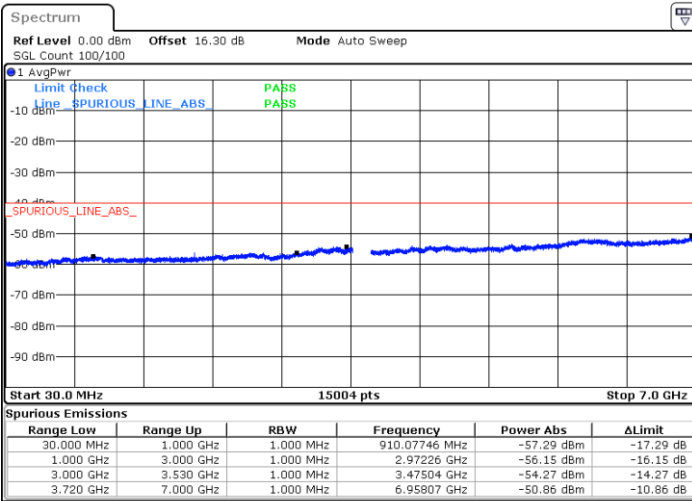
Date: 18.MAY.2022 18:51:52



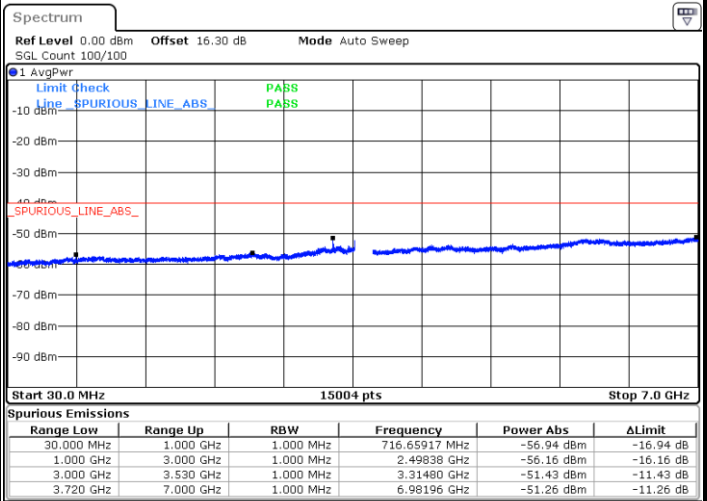
Date: 18.MAY.2022 18:50:35

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 18.MAY.2022 19:08:22



Date: 18.MAY.2022 19:09:40

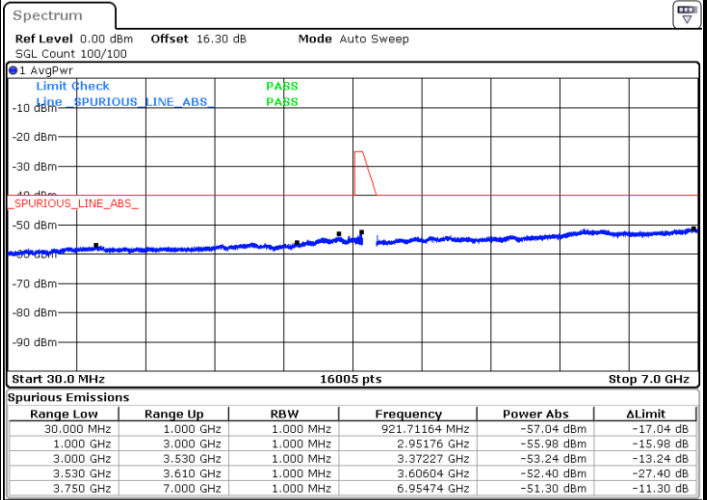
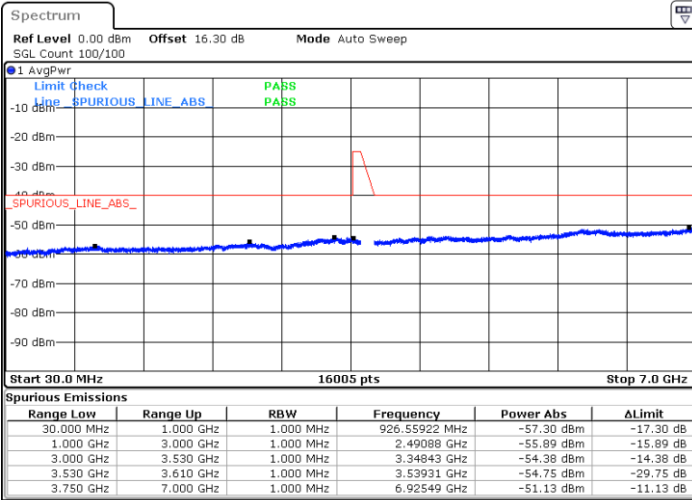


LTE Band 48C / 15MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 18.MAY.2022 19:21:32

Date: 18.MAY.2022 19:20:15

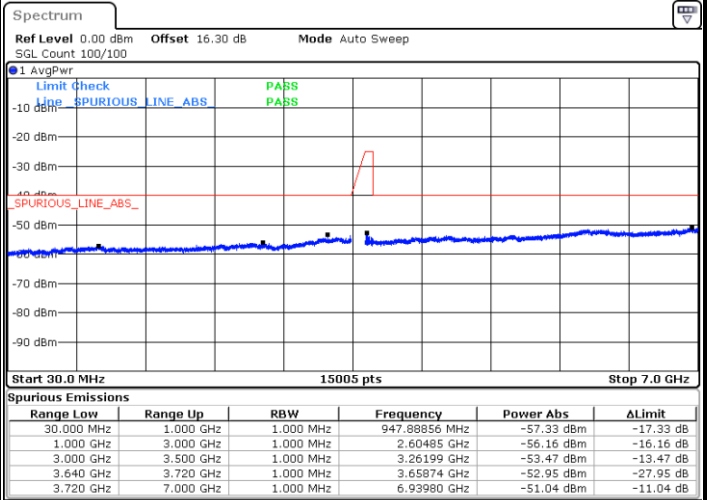
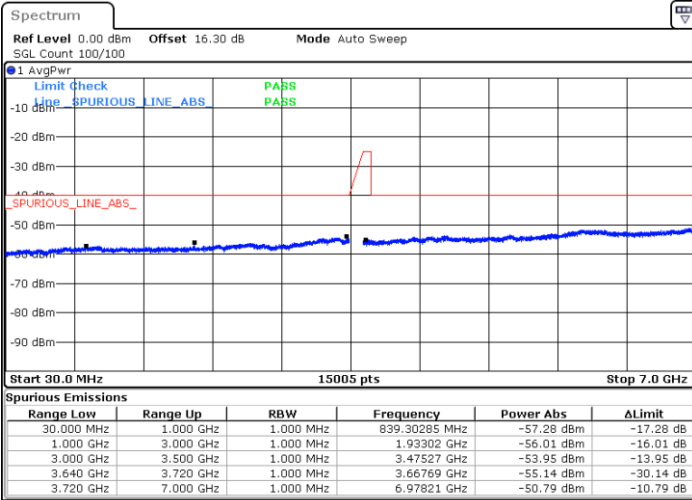


LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0

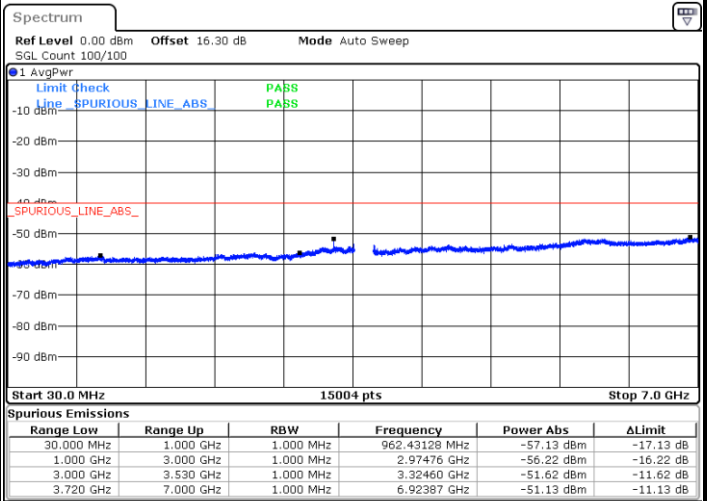
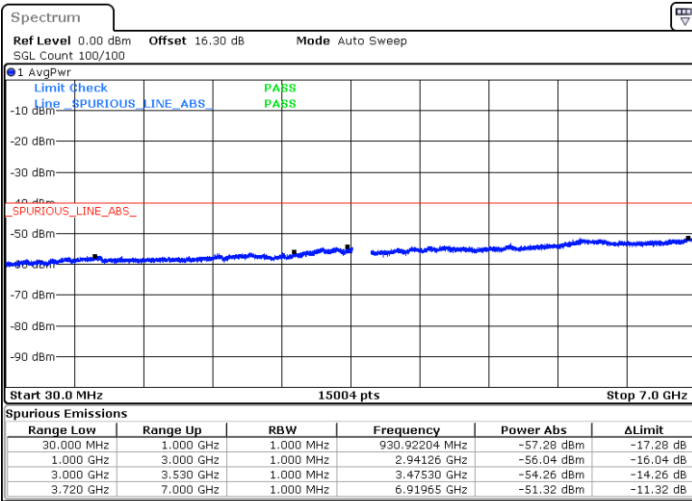


Date: 18.MAY.2022 21:57:09

Date: 18.MAY.2022 21:55:51

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 18.MAY.2022 22:12:07

Date: 18.MAY.2022 22:13:25

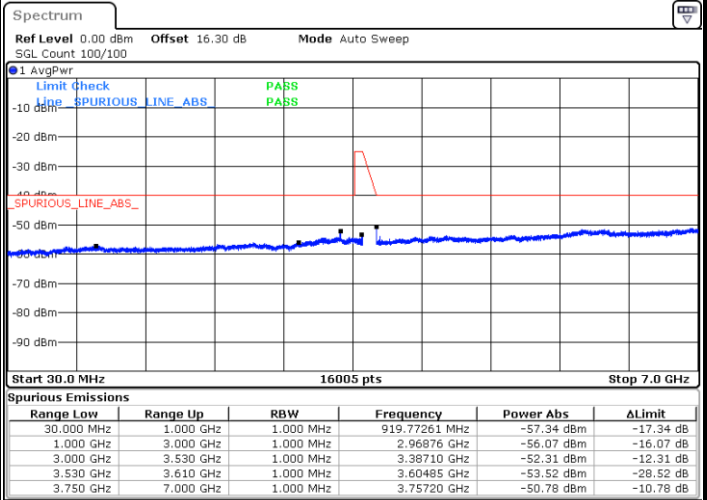
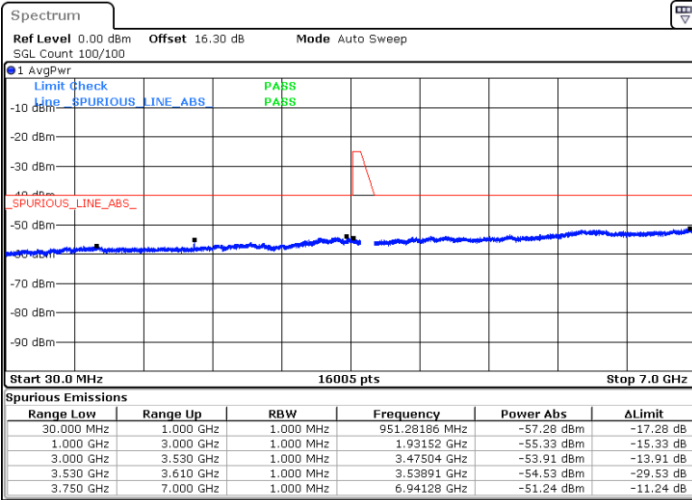


LTE Band 48C / 20MHz+5MHz

QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 18.MAY.2022 22:25:31

Date: 18.MAY.2022 22:24:14

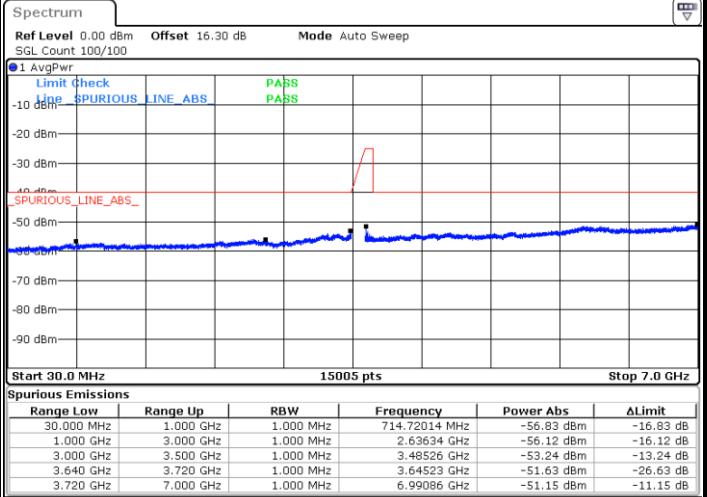
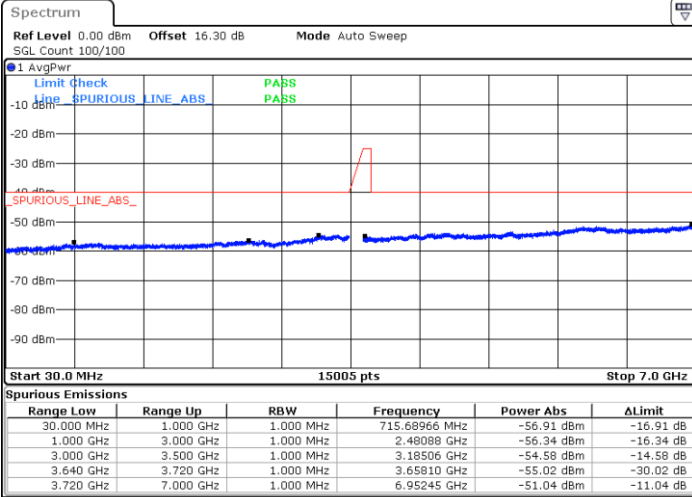


LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

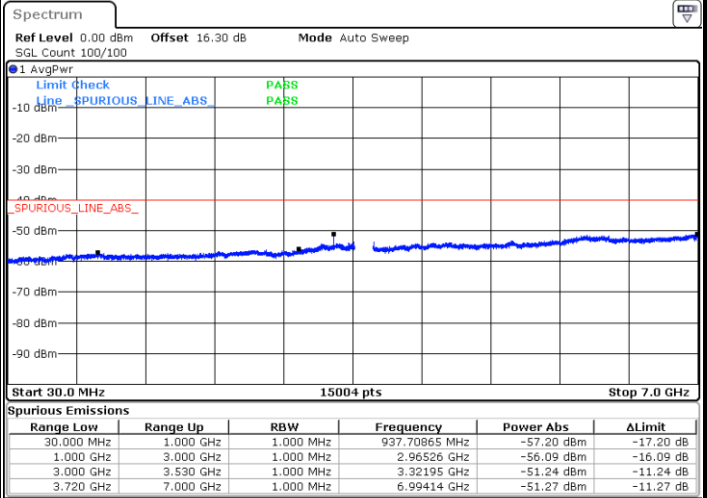
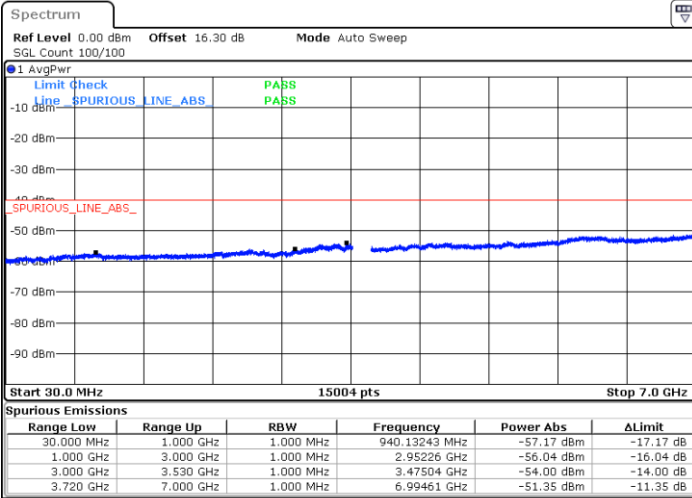


Date: 18.MAY.2022 19:45:41

Date: 18.MAY.2022 19:44:23

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 18.MAY.2022 19:56:09

Date: 18.MAY.2022 19:57:27

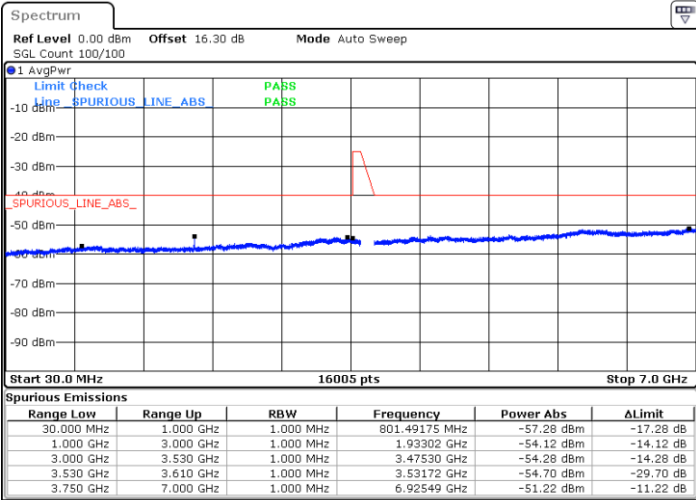


LTE Band 48C / 20MHz+10MHz

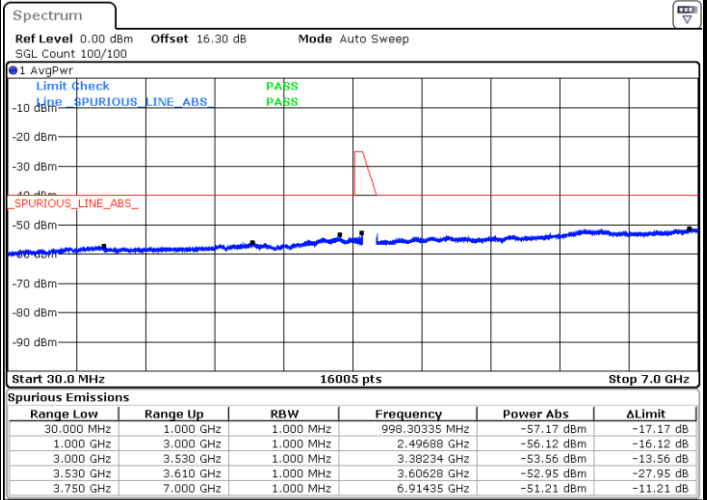
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 18.MAY.2022 20:09:39



Date: 18.MAY.2022 20:08:21

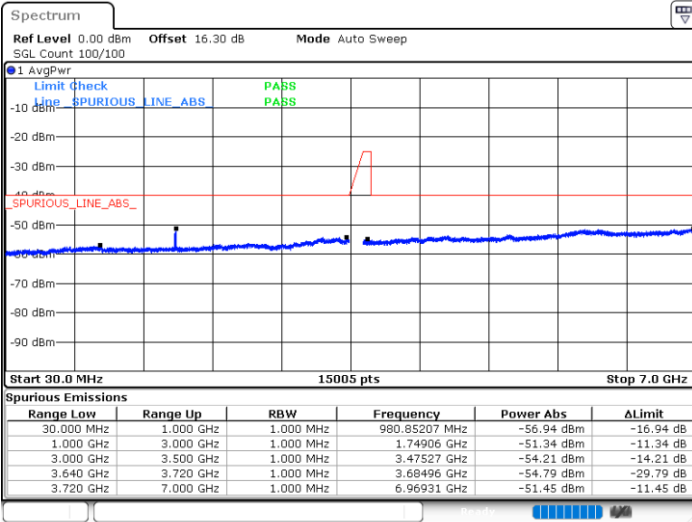


LTE Band 48C / 20MHz+15MHz

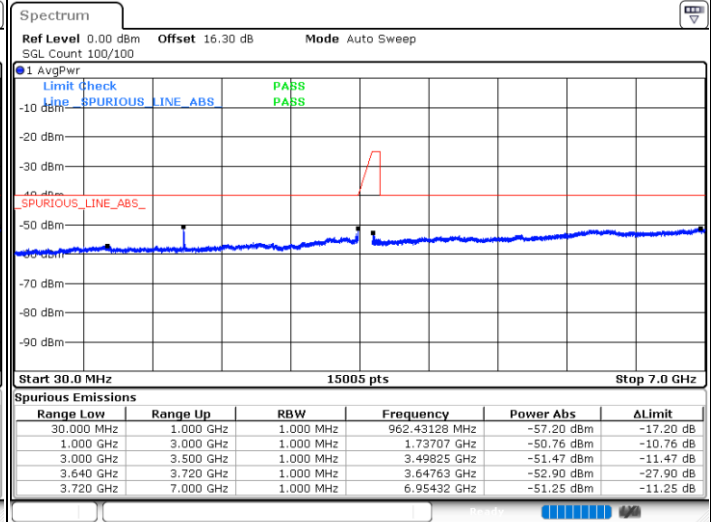
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



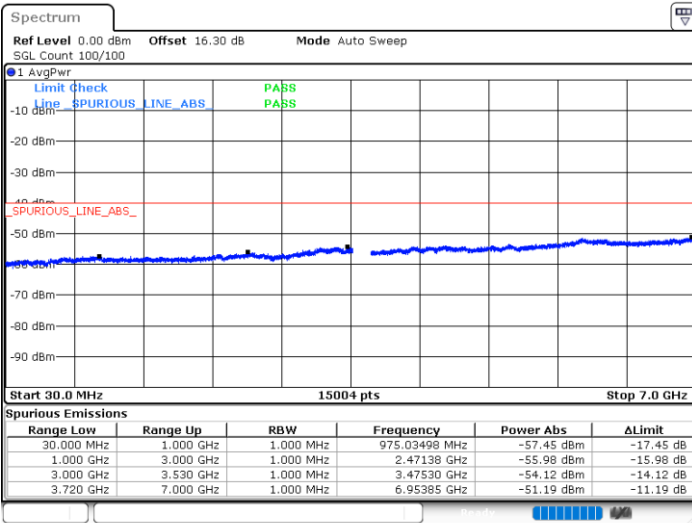
Date: 18.MAY.2022 17:52:25



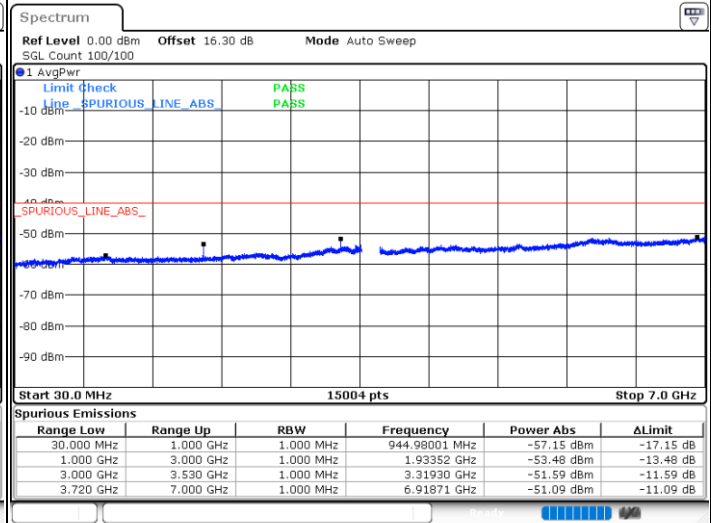
Date: 18.MAY.2022 17:51:08

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 18.MAY.2022 18:03:34



Date: 18.MAY.2022 18:04:51

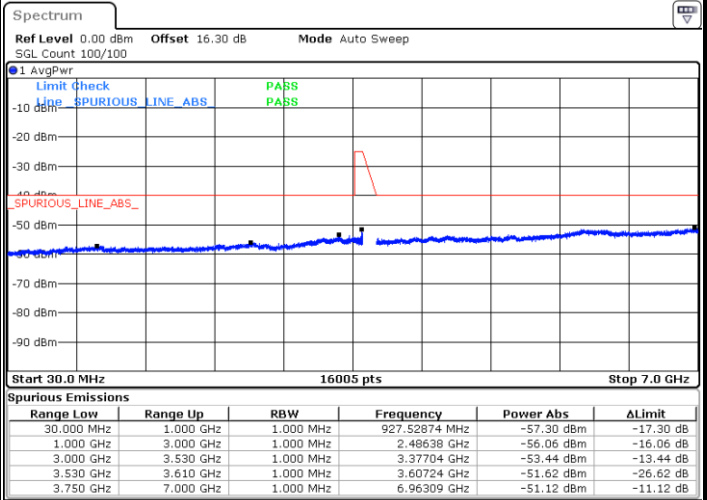
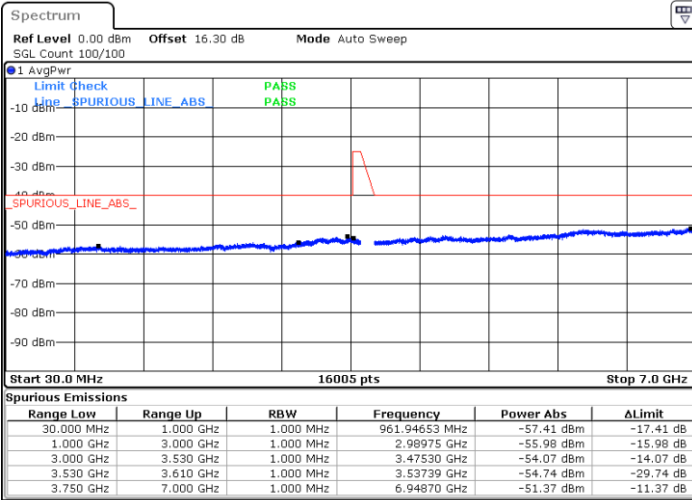


LTE Band 48C / 20MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 18.MAY.2022 18:22:16

Date: 18.MAY.2022 18:20:59

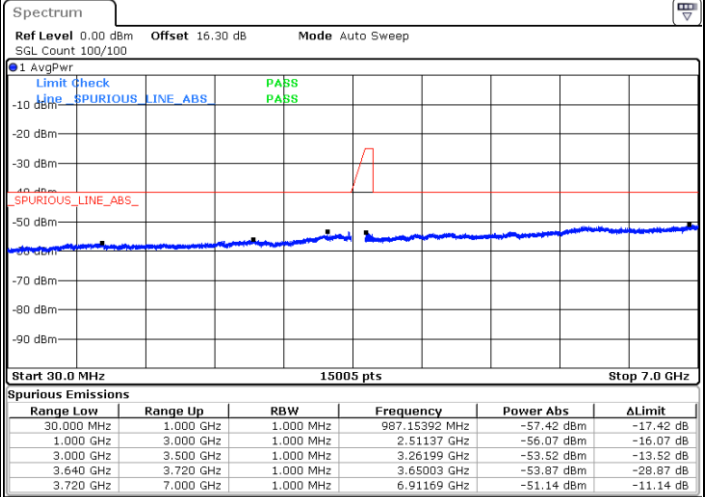
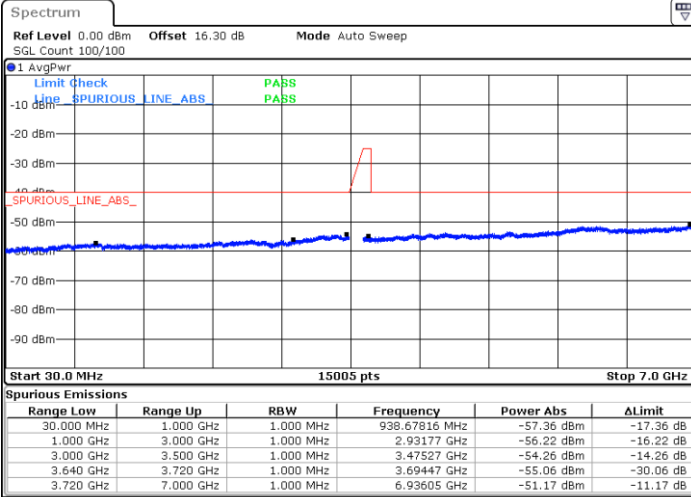


LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

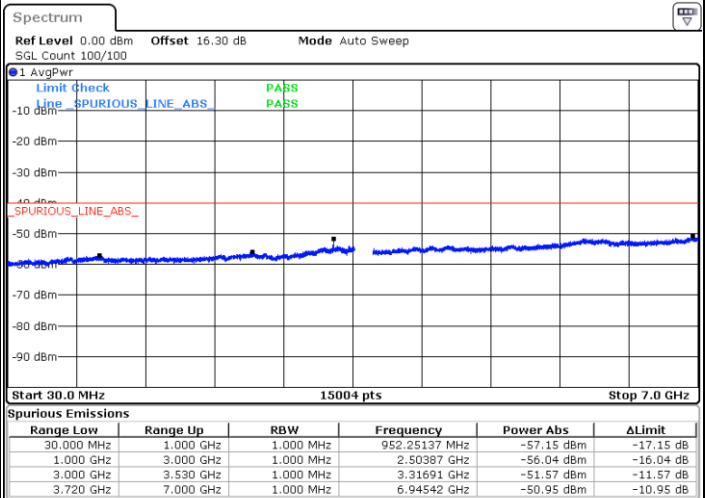
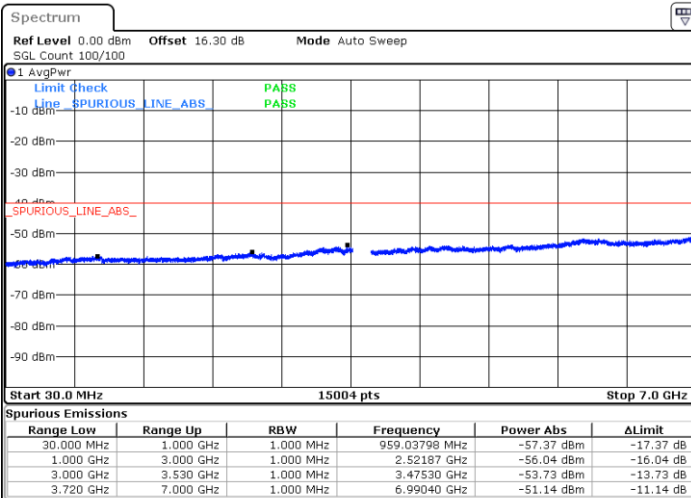


Date: 18.MAY.2022 16:57:56

Date: 18.MAY.2022 16:56:38

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 18.MAY.2022 17:07:54

Date: 18.MAY.2022 17:09:11

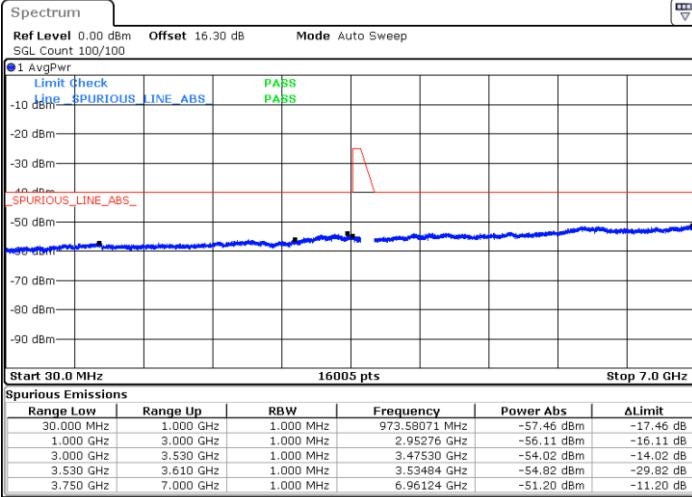


LTE Band 48C / 20MHz+20MHz

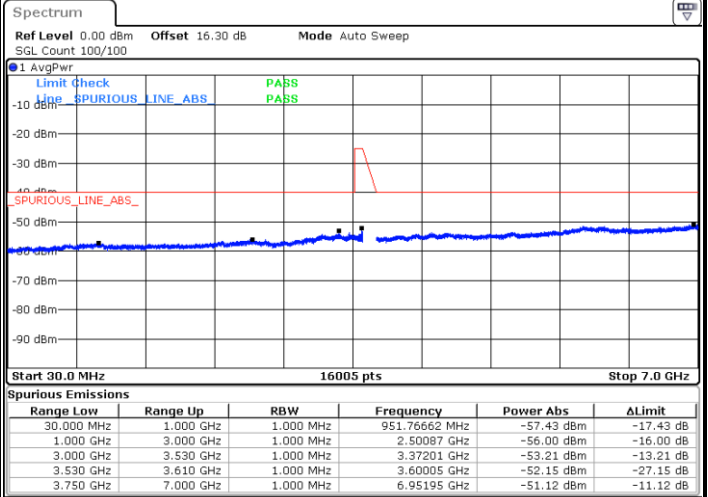
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 18.MAY.2022 17:20:25



Date: 18.MAY.2022 17:19:08



Appendix B. Test Results of Radiated Test

<Ant. 11>

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102	-55.26	-40	-15.26	-53.39	-64.97	1.84	11.55	H
	10653	-52.82	-40	-12.82	-55.42	-61.29	2.23	10.71	H
	14204	-48.96	-40	-8.96	-57.69	-58.59	2.65	12.28	H
	21307	-61.45	-40	-21.45	-75.82	-76.30	3.32	18.17	H
	24857	-57.03	-40	-17.03	-75.31	-71.80	3.71	18.49	H
	28411	-52.76	-40	-12.76	-73.27	-68.23	3.99	19.45	H
									H
	7102	-55.61	-40	-15.61	-53.98	-65.32	1.84	11.55	V
	10653	-53.97	-40	-13.97	-56.16	-62.44	2.23	10.71	V
	14204	-49.41	-40	-9.41	-58.01	-59.04	2.65	12.28	V
	21307	-62.93	-40	-22.93	-76.99	-77.78	3.32	18.17	V
	24857	-59.44	-40	-19.44	-77.4	-74.21	3.71	18.49	V
	28411	-55.96	-40	-15.96	-76.06	-71.43	3.99	19.45	V
									V



LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7232	-56.80	-40	-16.80	-55.27	-66.26	1.86	11.32	H
	10848	-52.57	-40	-12.57	-55.56	-60.95	2.22	10.59	H
	14464	-48.44	-40	-8.44	-57.41	-57.94	2.62	12.12	H
	18077	-60.40	-40	-20.40	-71.87	-74.77	3.23	17.60	H
	21696	-59.90	-40	-19.90	-75.06	-75.07	3.42	18.60	H
	25312	-58.24	-40	-18.24	-76.56	-73.24	3.77	18.77	H
									H
	7232	-56.19	-40	-16.19	-55.01	-65.65	1.86	11.32	V
	10848	-52.87	-40	-12.87	-55.63	-61.25	2.22	10.59	V
	14464	-48.74	-40	-8.74	-58.15	-58.24	2.62	12.12	V
	18077	-60.60	-40	-20.60	-71.78	-74.97	3.23	17.60	V
	21696	-61.08	-40	-21.08	-75.9	-76.25	3.42	18.60	V
	25312	-59.11	-40	-19.11	-77.14	-74.11	3.77	18.77	V
									V
Highest	7362	-53.09	-40	-13.09	-51.88	-62.55	1.92	11.38	H
	11043	-52.79	-40	-12.79	-56.21	-61.12	2.22	10.55	H
	14724	-49.28	-40	-9.28	-58.36	-59.28	2.59	12.59	H
	18410	-62.04	-40	-22.04	-73.83	-76.40	3.24	17.60	H
	22086	-61.63	-40	-21.63	-77.2	-77.00	3.52	18.88	H
	25770	-58.51	-40	-18.51	-77.17	-73.68	3.88	19.05	H
									H
	7362	-55.30	-40	-15.30	-54.24	-64.76	1.92	11.38	V
	11043	-53.12	-40	-13.12	-56.47	-61.45	2.22	10.55	V
	14724	-48.34	-40	-8.34	-58.38	-58.34	2.59	12.59	V
	18410	-61.97	-40	-21.97	-73.53	-76.33	3.24	17.60	V
	22086	-61.77	-40	-21.77	-76.95	-77.14	3.52	18.88	V
	25770	-58.40	-40	-18.40	-76.77	-73.57	3.88	19.05	V
									V

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



LTE Band 48C

LTE Band 48C / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7140	-57.08	-40	-17.08	-55.31	-66.69	1.84	11.45	H
	10705	-53.48	-40	-13.48	-56.19	-61.93	2.23	10.68	H
	14279	-49.09	-40	-9.09	-57.9	-58.68	2.64	12.23	H
	21418	-61.18	-40	-21.18	-75.89	-76.13	3.35	18.30	H
	24981	-57.33	-40	-17.33	-75.61	-72.04	3.70	18.41	H
	28556	-54.52	-40	-14.52	-75.14	-69.92	3.99	19.39	H
									H
	7140	-56.73	-40	-16.73	-55.26	-66.34	1.84	11.45	V
	10705	-53.61	-40	-13.61	-55.96	-62.06	2.23	10.68	V
	14279	-49.07	-40	-9.07	-57.91	-58.66	2.64	12.23	V
	21418	-62.06	-40	-22.06	-76.47	-77.01	3.35	18.30	V
	24981	-58.90	-40	-18.90	-76.86	-73.61	3.70	18.41	V
	28556	-55.30	-40	-15.30	-75.5	-70.70	3.99	19.39	V
									V
Middle	7250	-56.65	-40	-16.65	-55.17	-66.11	1.87	11.33	H
	10870	-52.10	-40	-12.10	-55.14	-60.47	2.21	10.58	H
	14498	-48.98	-40	-8.98	-57.99	-58.46	2.62	12.10	H
	18122	-60.63	-40	-20.63	-72.15	-75.00	3.23	17.60	H
	21751	-61.58	-40	-21.58	-76.79	-76.79	3.44	18.65	H
	25370	-58.80	-40	-18.80	-77.13	-73.86	3.79	18.84	H
									H
	7250	-56.64	-40	-16.64	-55.48	-66.10	1.87	11.33	V
	10870	-52.49	-40	-12.49	-55.31	-60.86	2.21	10.58	V
	14498	-48.46	-40	-8.46	-57.98	-57.94	2.62	12.10	V
	18122	-60.48	-40	-20.48	-71.71	-74.85	3.23	17.60	V
	21751	-62.01	-40	-22.01	-76.88	-77.22	3.44	18.65	V
	25370	-59.22	-40	-19.22	-77.27	-74.28	3.79	18.84	V
									V



LTE Band 48C / 20MHz+20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	7360	-54.94	-40	-14.94	-53.72	-64.40	1.92	11.38	H
	11040	-52.76	-40	-12.76	-56.16	-61.09	2.22	10.55	H
	14718	-48.81	-40	-8.81	-57.9	-58.80	2.59	12.58	H
	18399	-61.87	-40	-21.87	-73.66	-76.23	3.24	17.60	H
	22073	-61.36	-40	-21.36	-76.91	-76.73	3.51	18.89	H
	25758	-58.63	-40	-18.63	-77.27	-73.80	3.88	19.05	H
									H
	7360	-55.21	-40	-15.21	-54.14	-64.67	1.92	11.38	V
	11040	-52.71	-40	-12.71	-56.04	-61.04	2.22	10.55	V
	14718	-47.83	-40	-7.83	-57.85	-57.82	2.59	12.58	V
	18399	-62.37	-40	-22.37	-73.92	-76.73	3.24	17.60	V
	22073	-62.15	-40	-22.15	-77.32	-77.52	3.51	18.89	V
	25758	-58.67	-40	-18.67	-77.02	-73.84	3.88	19.05	V
									V

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