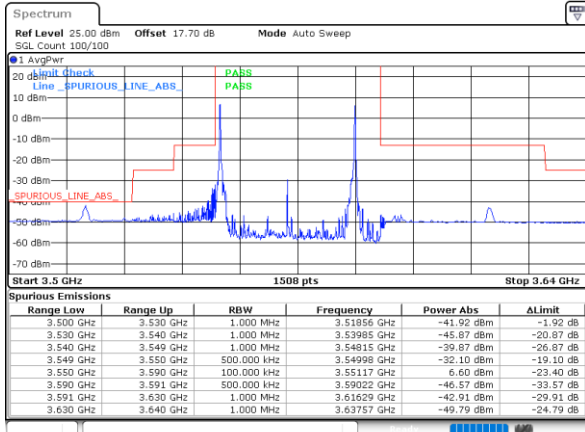




LTE Band 48C / 15MHz+20MHz

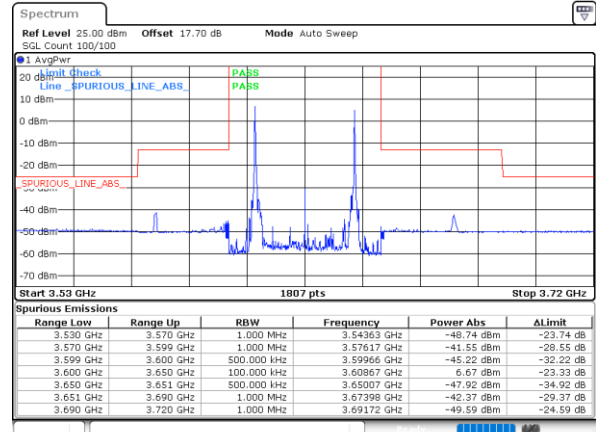
256QAM

Lowest Band Edge / 1RB0 and 1RB99



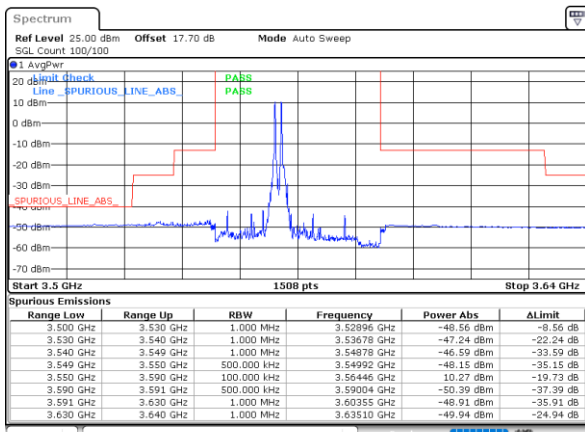
Date: 21 JUN 2021 14:08:15

Middle Band Edge / 1RB0 and 1RB99



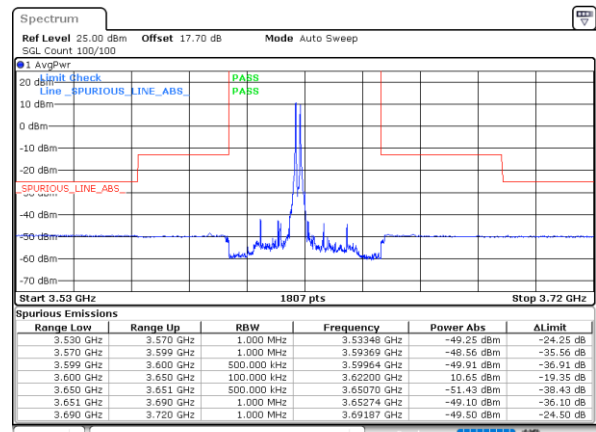
Date: 21 JUN 2021 14:27:23

Lowest Band Edge / 1RB74 and 1RB0



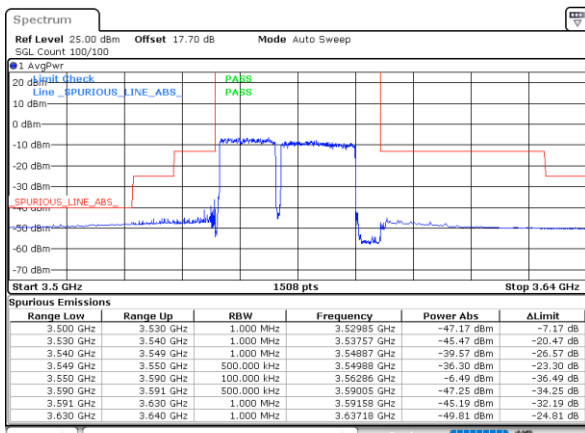
Date: 21 JUN 2021 14:07:28

Middle Band Edge / 1RB74 and 1RB0



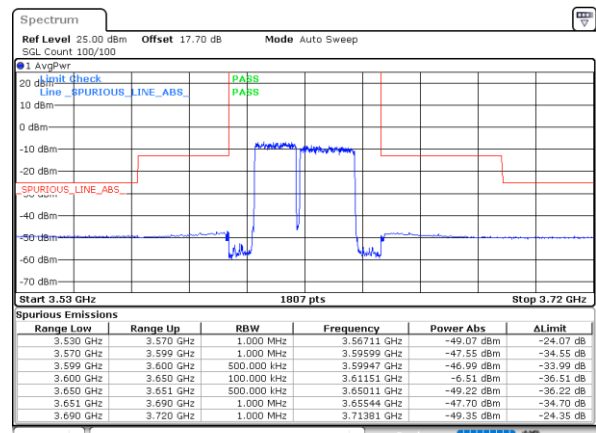
Date: 21 JUN 2021 14:26:16

Lowest Band Edge / Full RB



Date: 21 JUN 2021 14:09:02

Middle Band Edge / Full RB



Date: 21 JUN 2021 14:28:10

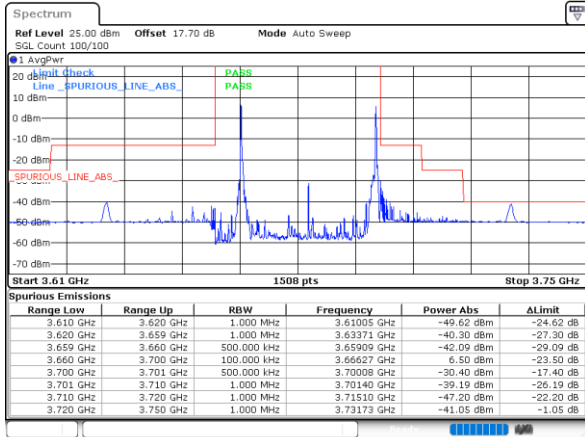


LTE Band 48C / 15MHz+20MHz

256QAM

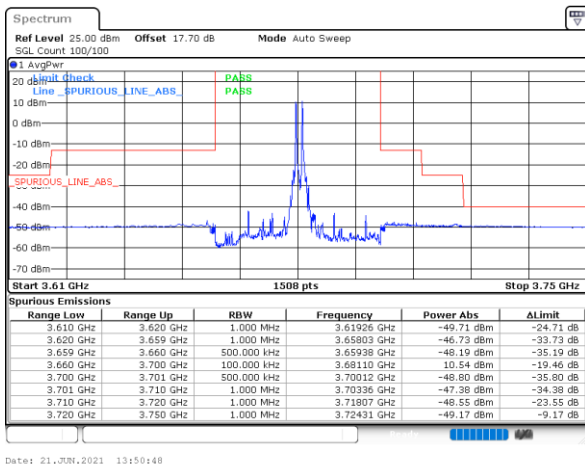
Highest Band Edge / 1RB0 and 1RB99

N/A



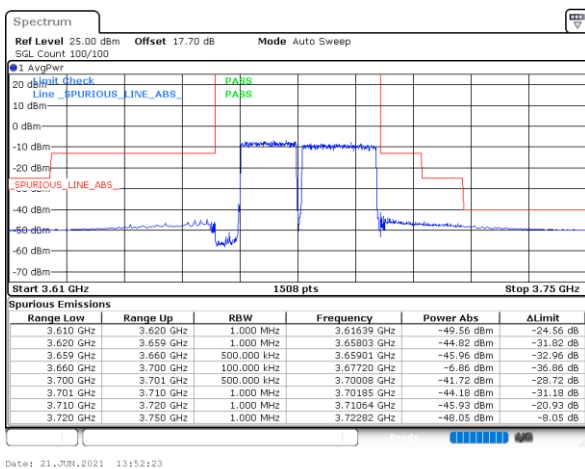
Highest Band Edge / 1RB74 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

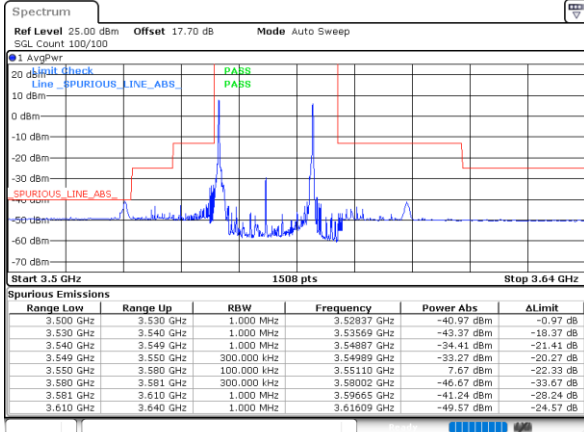




LTE Band 48C/ 20MHz+5MHz

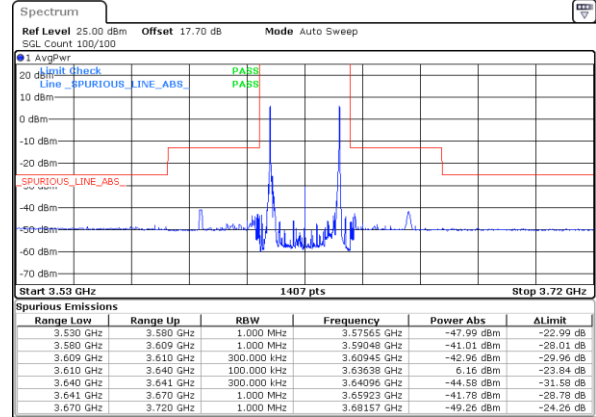
256QAM

Lowest Band Edge / 1RB0 and 1RB24



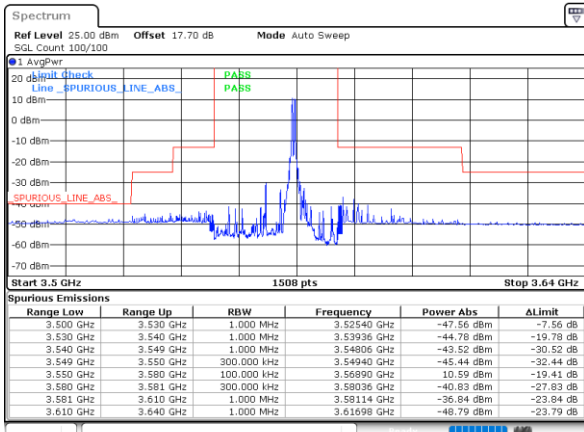
Date: 21 JUN 2021 09:32:38

Middle Band Edge / 1RB0 and 1RB24



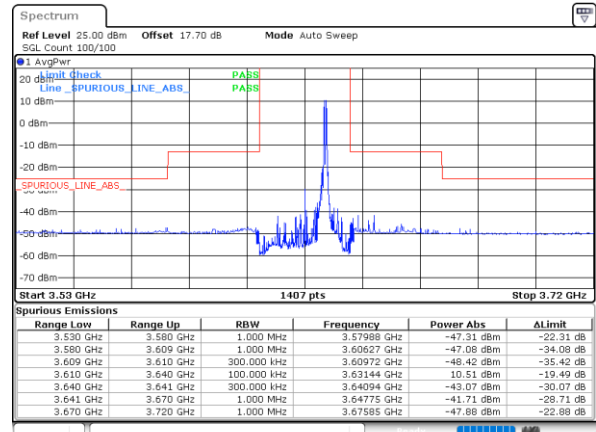
Date: 21 JUN 2021 09:50:54

Lowest Band Edge / 1RB99 and 1RB0



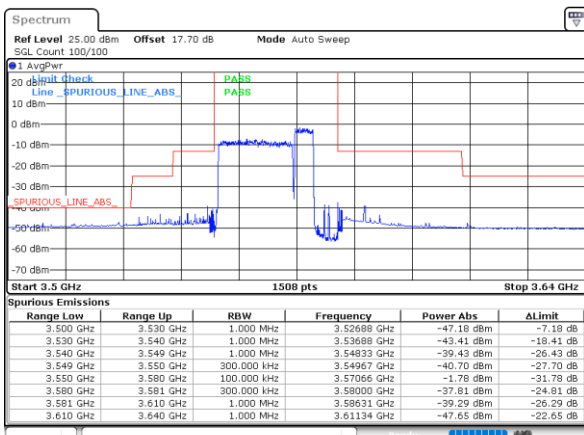
Date: 21 JUN 2021 09:31:50

Middle Band Edge / 1RB99 and 1RB0



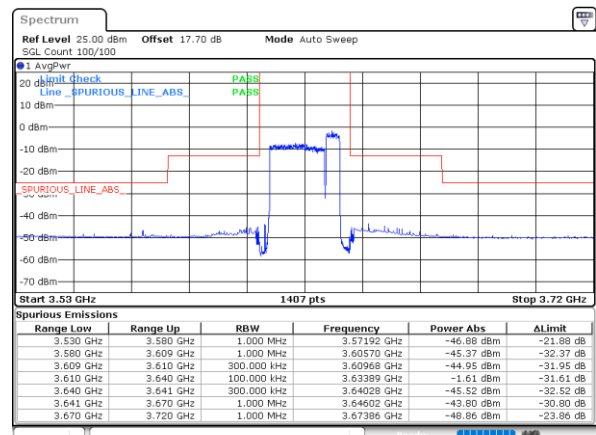
Date: 21 JUN 2021 09:50:07

Lowest Band Edge / Full RB



Date: 21 JUN 2021 09:33:26

Middle Band Edge / Full RB



Date: 21 JUN 2021 09:51:43

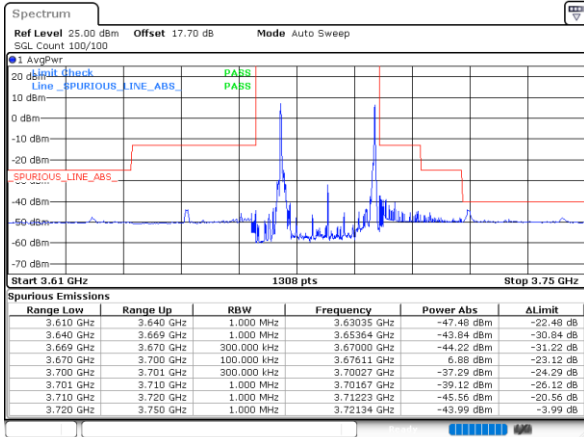


LTE Band 48C / 20MHz+5MHz

256QAM

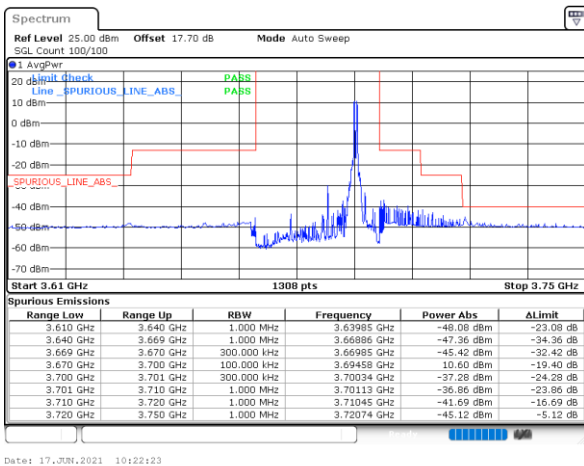
Highest Band Edge / 1RB0 and 1RB24

N/A



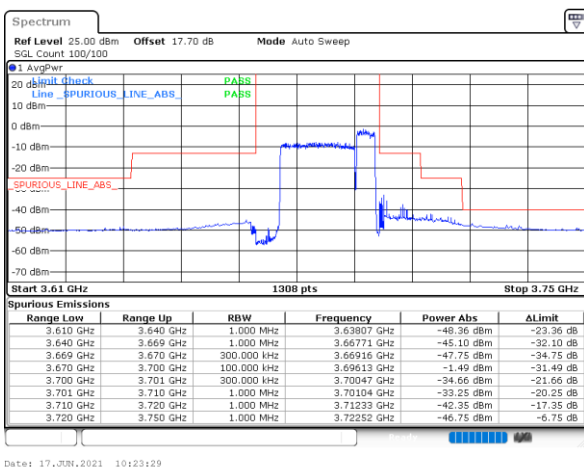
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

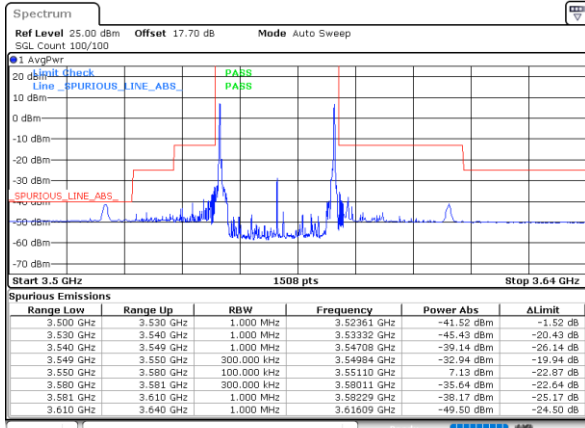




LTE Band 48C / 20MHz+10MHz

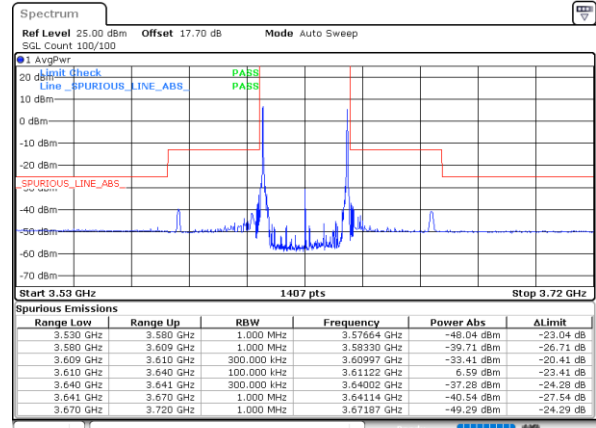
256QAM

Lowest Band Edge / 1RB0 and 1RB49



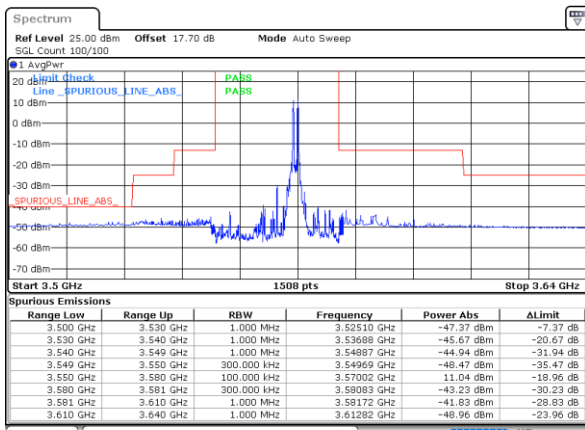
Date: 21 JUN 2021 11:42:30

Middle Band Edge / 1RB0 and 1RB49



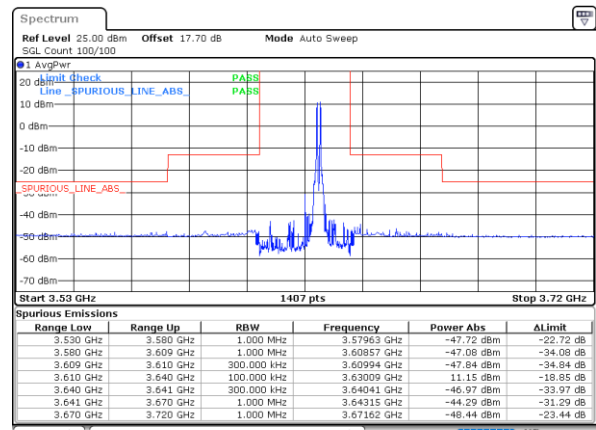
Date: 21 JUN 2021 11:58:53

Lowest Band Edge / 1RB99 and 1RB0



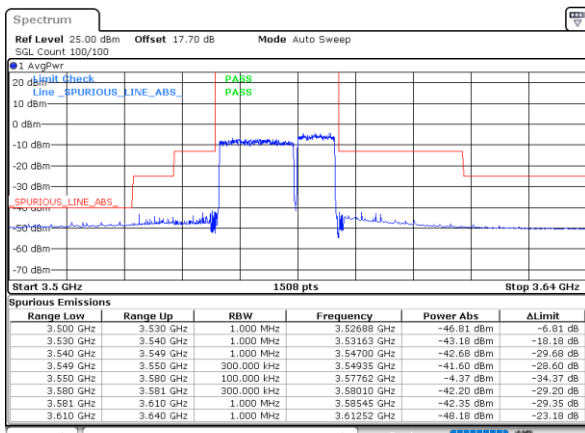
Date: 21 JUN 2021 11:41:42

Middle Band Edge / 1RB99 and 1RB0



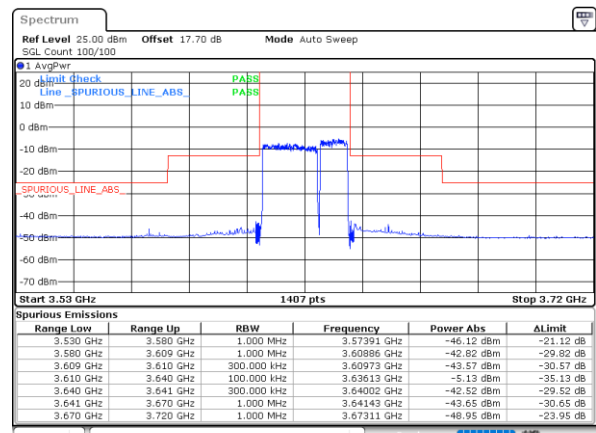
Date: 21 JUN 2021 11:58:06

Lowest Band Edge / Full RB



Date: 21 JUN 2021 11:43:19

Middle Band Edge / Full RB



Date: 21 JUN 2021 11:59:42

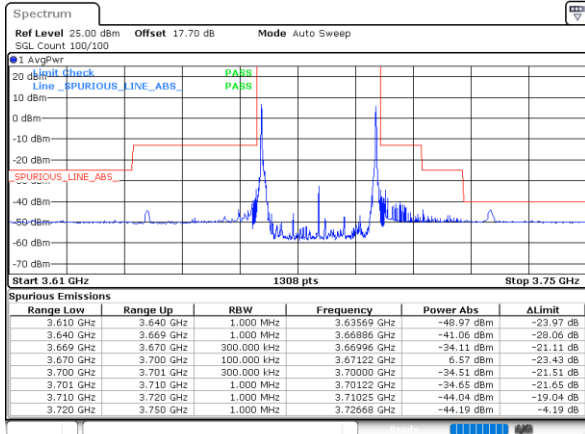


LTE Band 48C / 20MHz+10MHz

256QAM

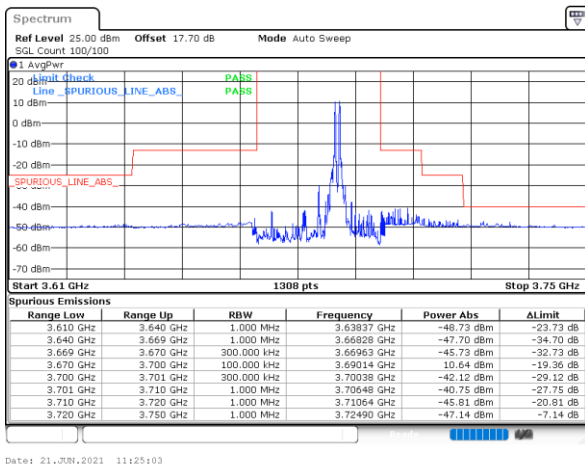
Highest Band Edge / 1RB0 and 1RB49

N/A



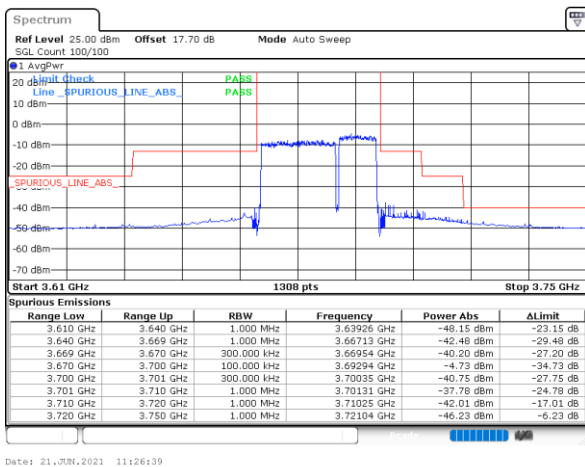
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

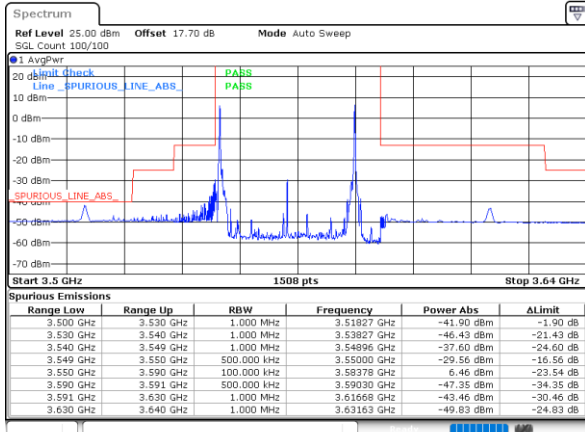




LTE Band 48C / 20MHz+15MHz

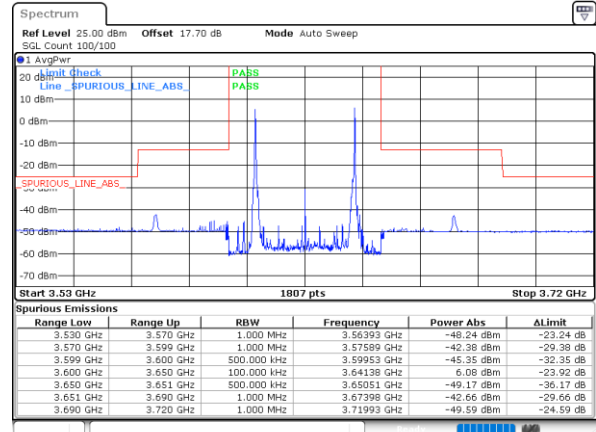
256QAM

Lowest Band Edge / 1RB0 and 1RB74



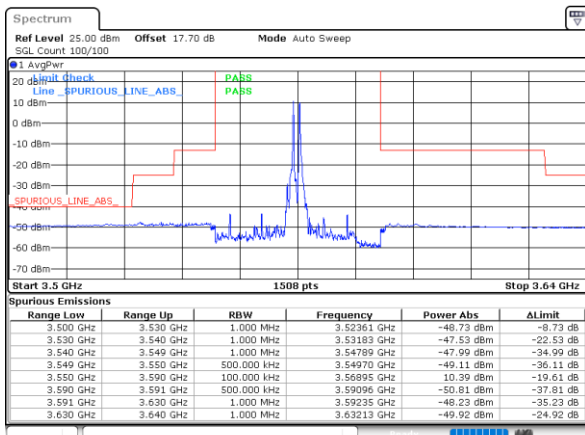
Date: 21 JUN 2021 15:25:18

Middle Band Edge / 1RB0 and 1RB74



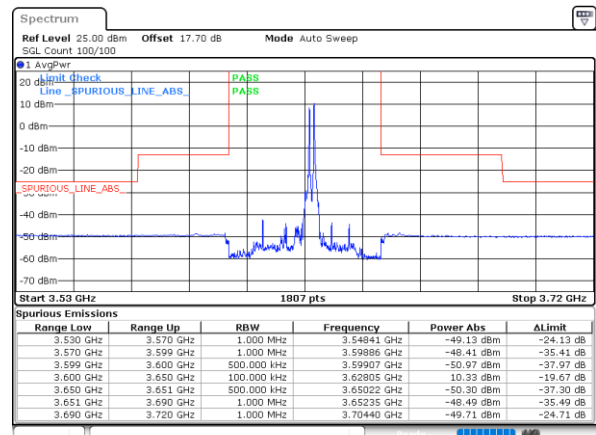
Date: 21 JUN 2021 16:00:28

Lowest Band Edge / 1RB99 and 1RB0



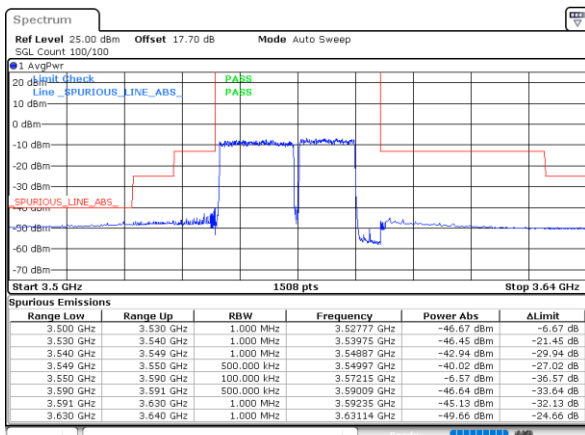
Date: 21 JUN 2021 15:24:11

Middle Band Edge / 1RB99 and 1RB0



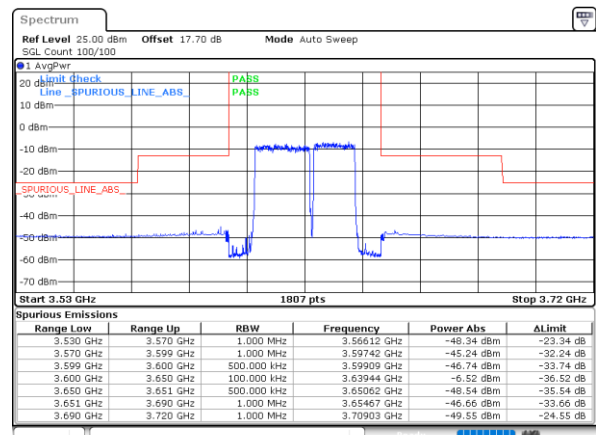
Date: 21 JUN 2021 15:59:21

Lowest Band Edge / Full RB



Date: 21 JUN 2021 15:27:57

Middle Band Edge / Full RB



Date: 21 JUN 2021 16:03:06

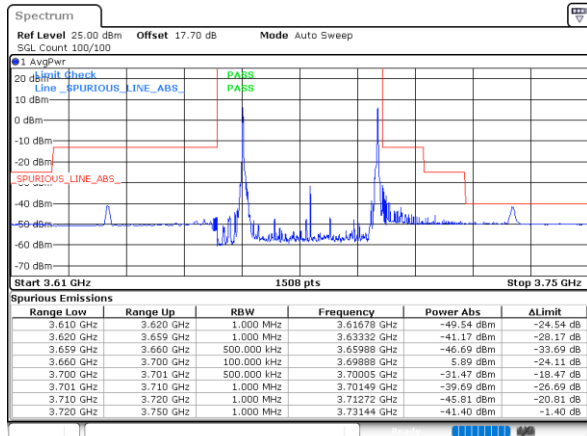


LTE Band 48C / 20MHz+15MHz

256QAM

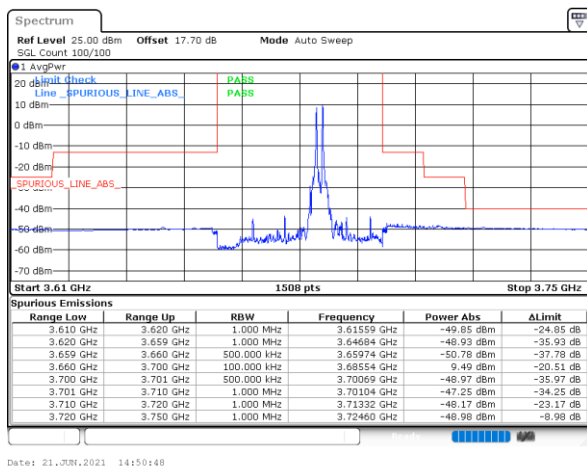
Highest Band Edge / 1RB0 and 1RB74

N/A



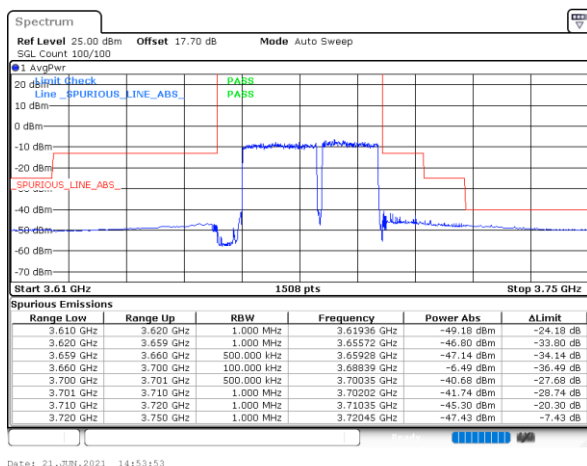
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

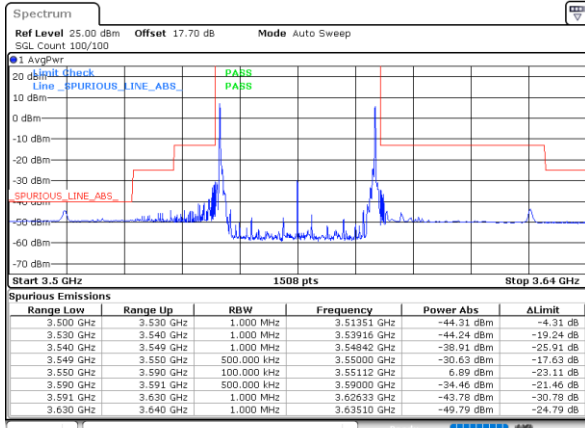




LTE Band 48C / 20MHz+20MHz

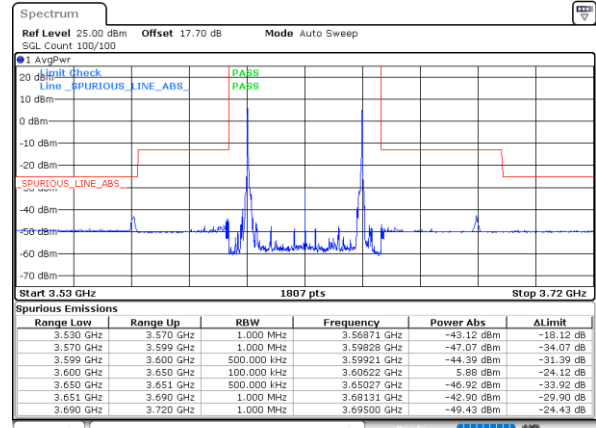
256QAM

Lowest Band Edge / 1RB0 and 1RB99



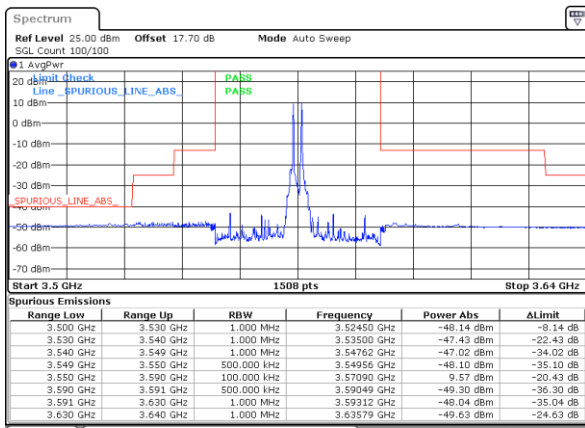
Date: 21 JUN 2021 17:14:38

Middle Band Edge / 1RB0 and 1RB99



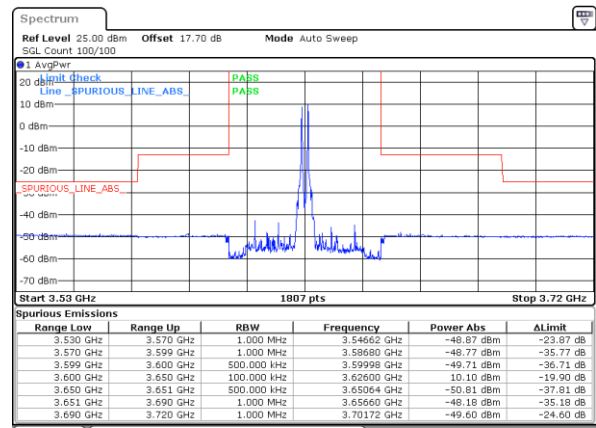
Date: 21 JUN 2021 17:34:15

Lowest Band Edge / 1RB99 and 1RB0



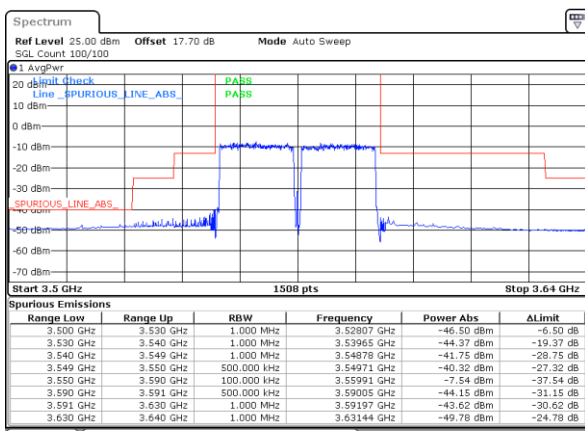
Date: 21 JUN 2021 17:15:12

Middle Band Edge / 1RB99 and 1RB0



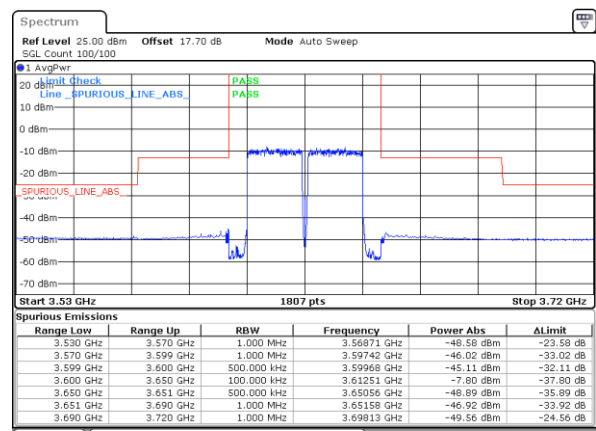
Date: 21 JUN 2021 17:33:08

Lowest Band Edge / Full RB



Date: 21 JUN 2021 17:12:11

Middle Band Edge / Full RB



Date: 21 JUN 2021 17:35:22

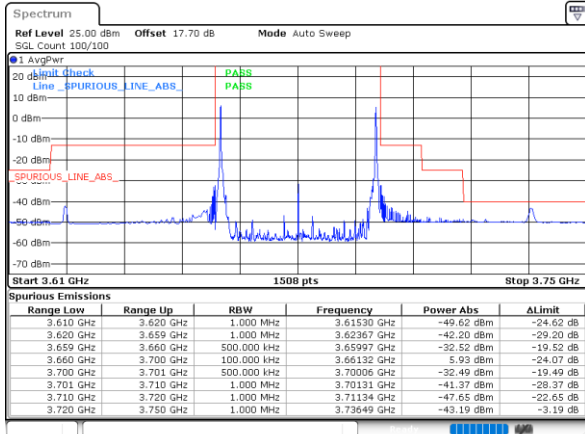


LTE Band 48C / 20MHz+20MHz

256QAM

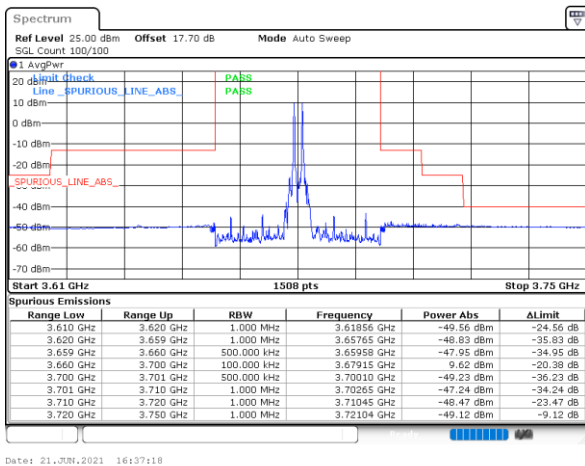
Highest Band Edge / 1RB0 and 1RB99

N/A



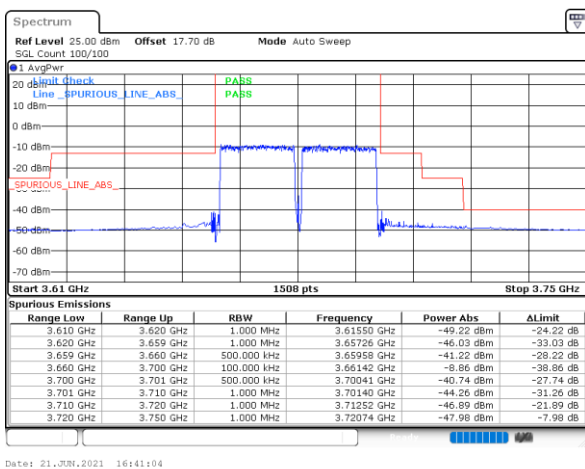
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A





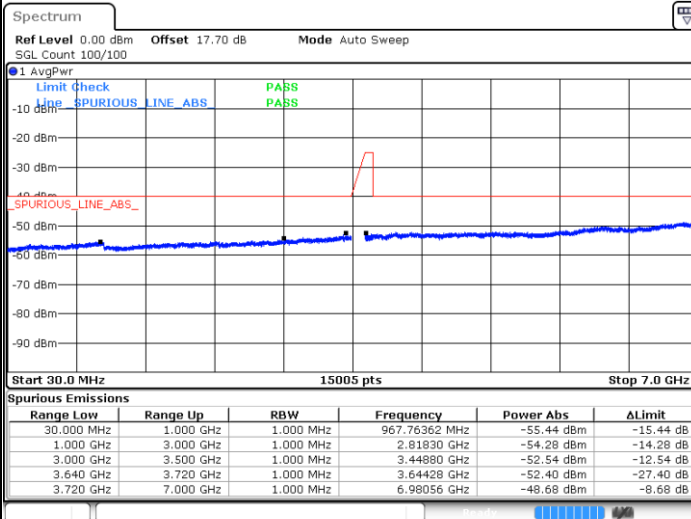
Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

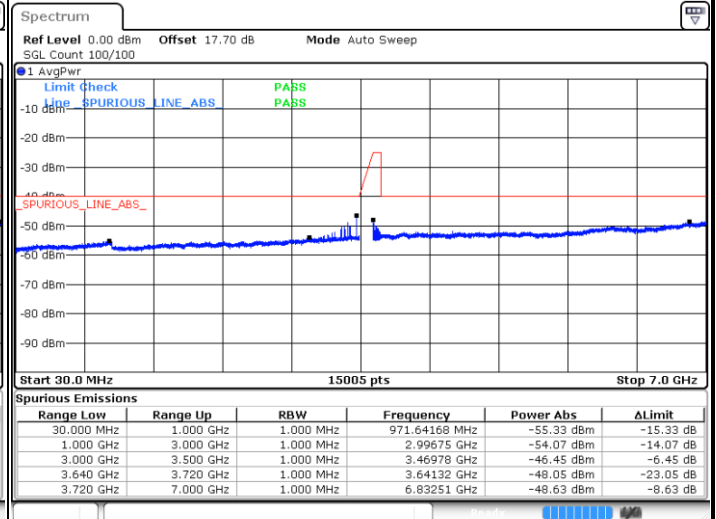
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



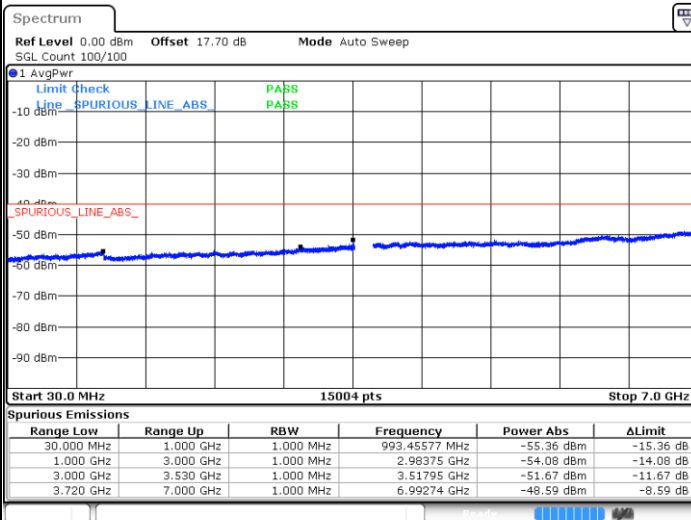
Date: 11 JUN 2021 10:09:25



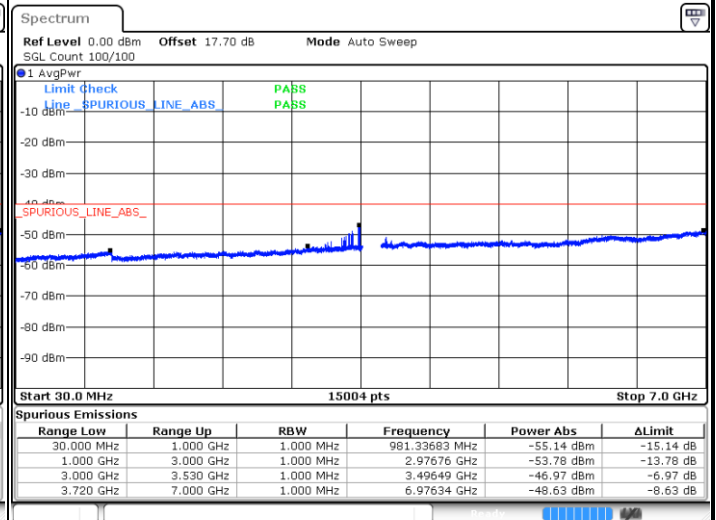
Date: 11 JUN 2021 10:06:48

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



Date: 11 JUN 2021 14:00:24



Date: 11 JUN 2021 14:02:59

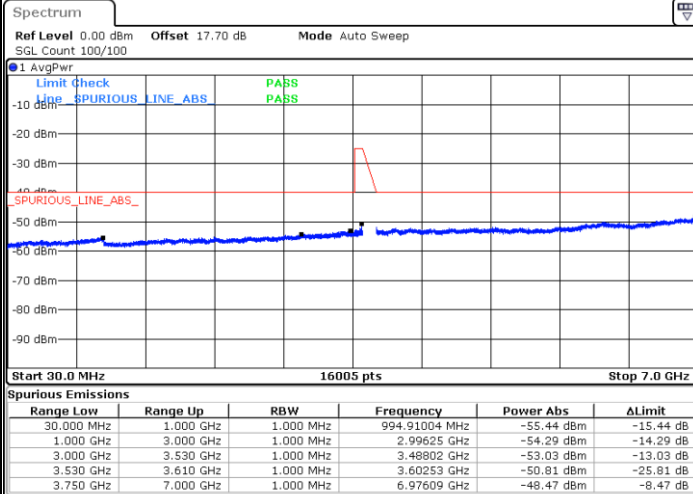


LTE Band 48C / 5MHz+20MHz

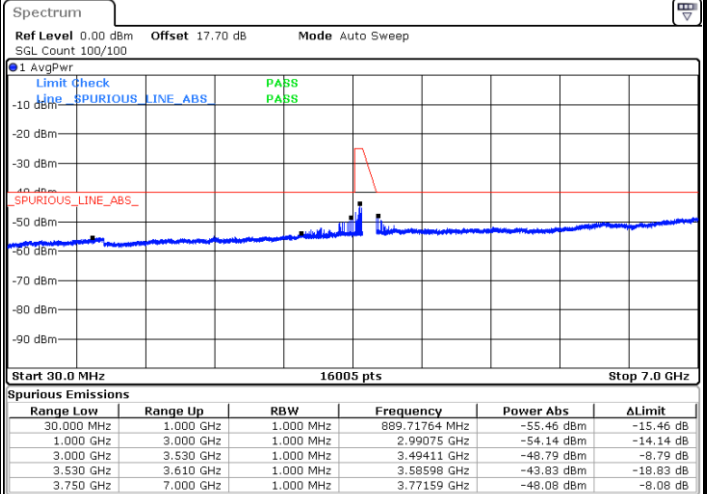
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Date: 11 JUN 2021 11:24:19



Date: 11 JUN 2021 11:21:43

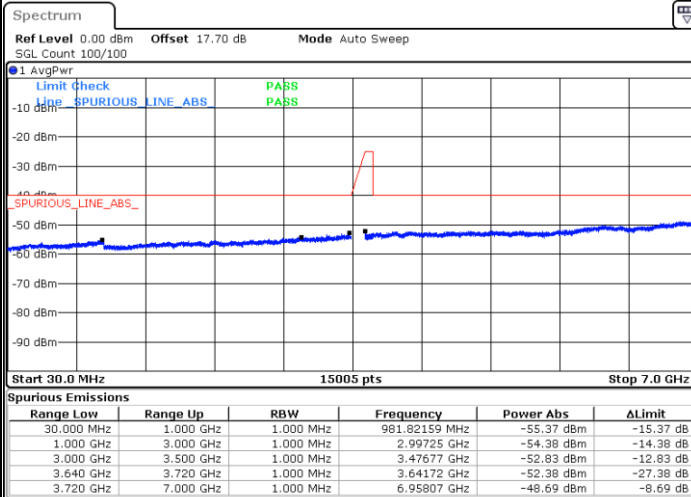


LTE Band 48C / 10MHz+20MHz

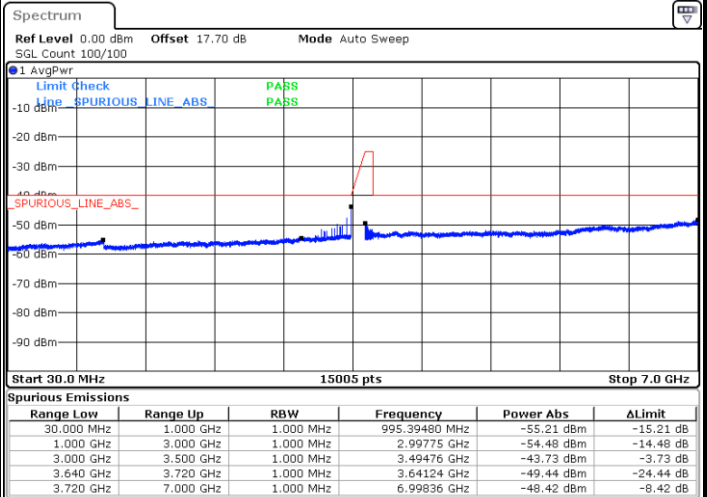
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



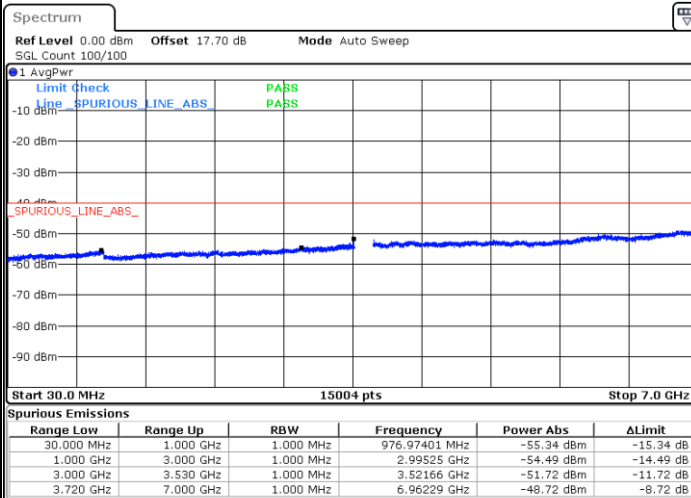
Date: 12 JUN 2021 09:19:07



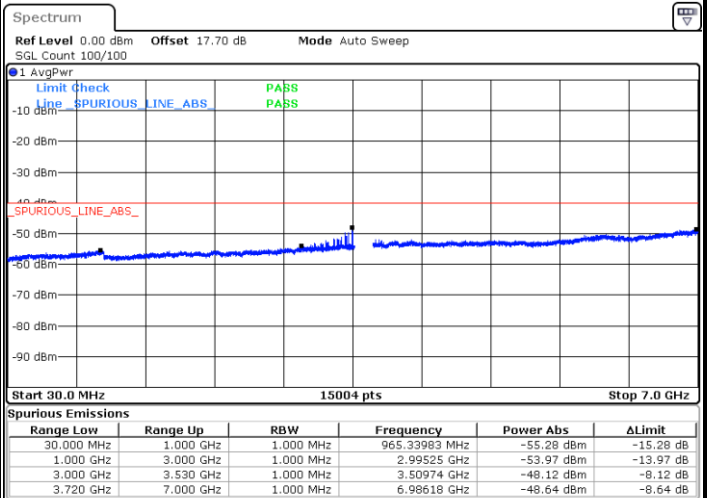
Date: 12 JUN 2021 09:16:32

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 12 JUN 2021 10:23:06



Date: 12 JUN 2021 10:25:41

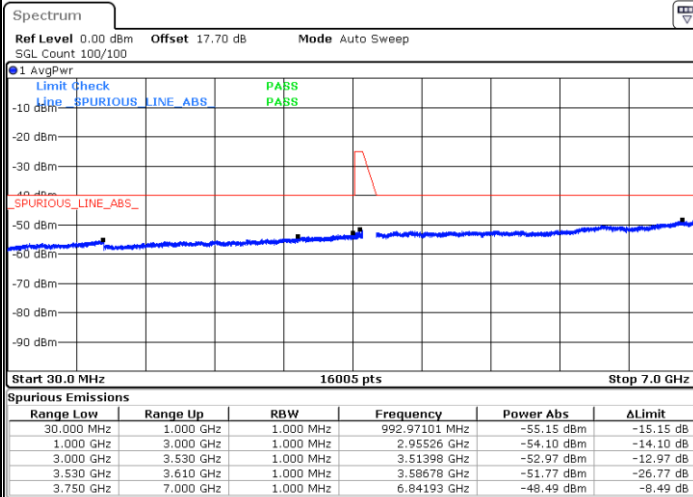


LTE Band 48C / 10MHz+20MHz

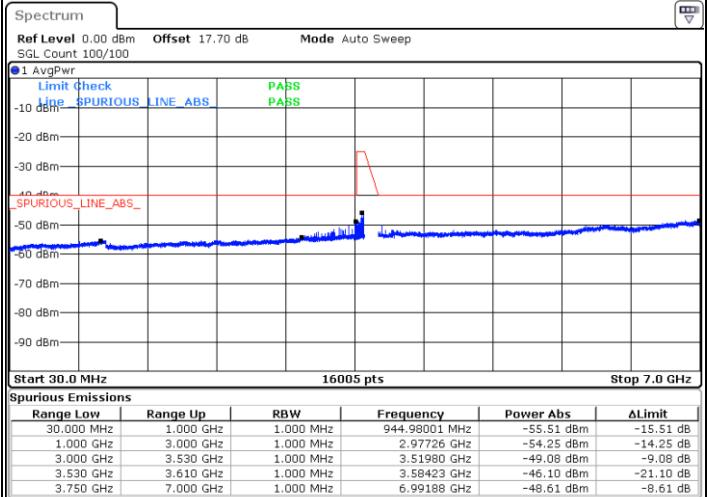
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 12 JUN 2021 07:55:56



Date: 12 JUN 2021 07:53:21

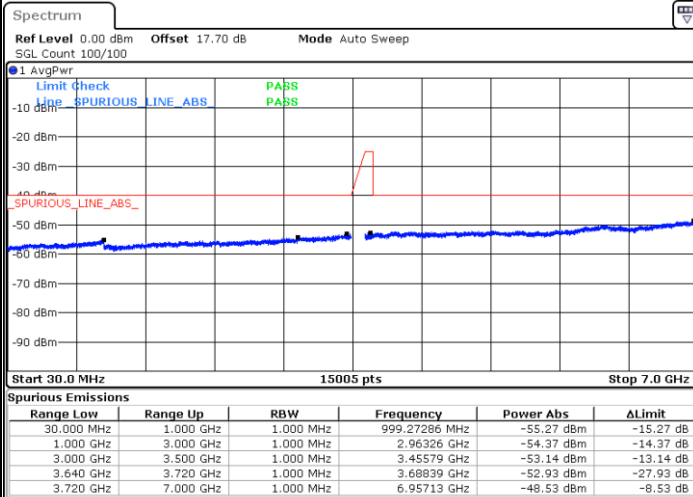


LTE Band 48C / 15MHz+20MHz

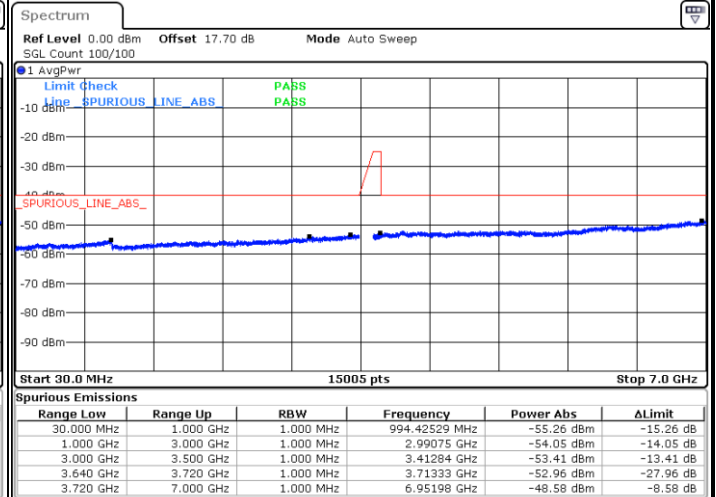
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



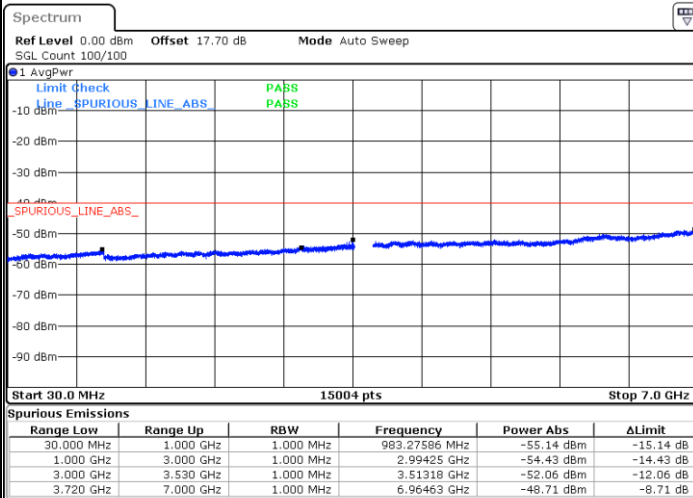
Date: 12 JUN 2021 15:18:27



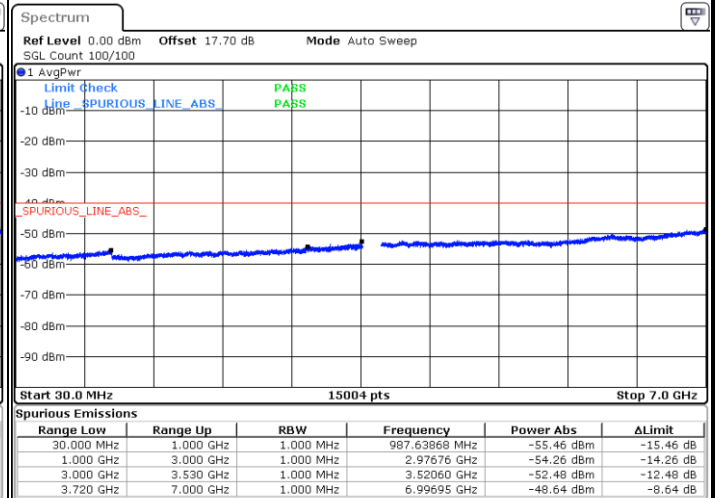
Date: 12 JUN 2021 15:15:52

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 12 JUN 2021 16:13:41



Date: 12 JUN 2021 16:16:16

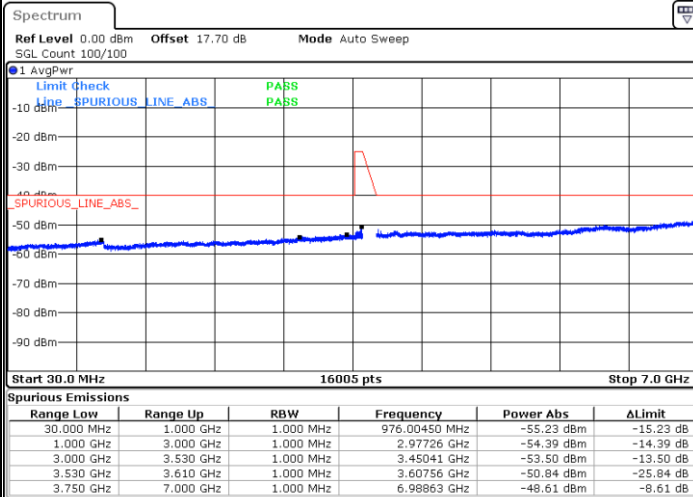


LTE Band 48C / 15MHz+20MHz

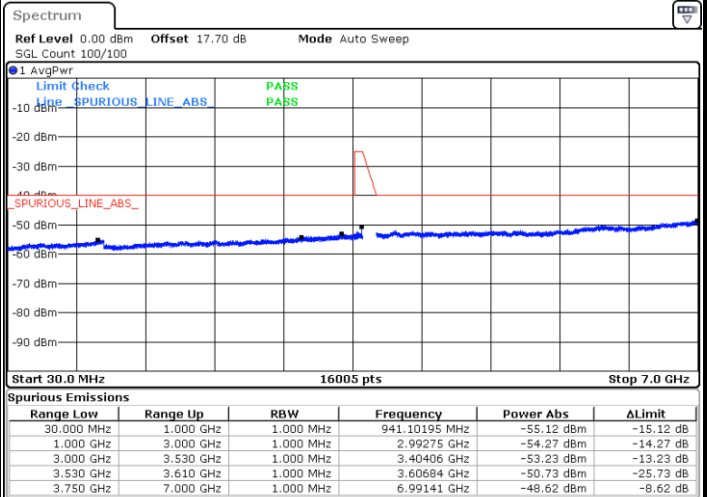
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 12 JUN 2021 14:30:22



Date: 12 JUN 2021 14:27:47

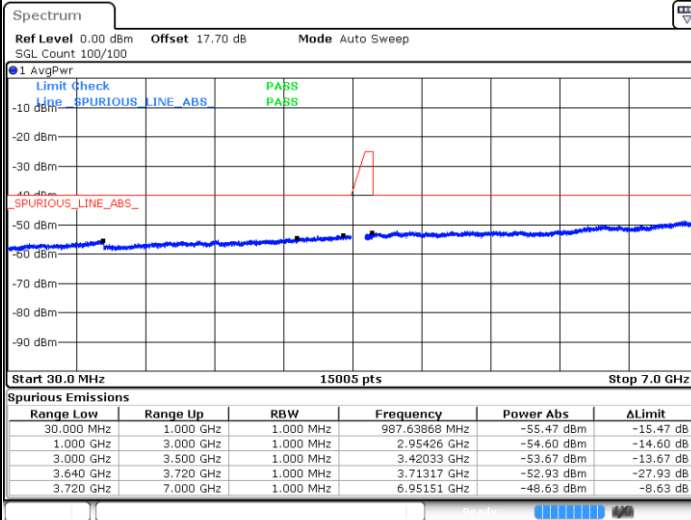


LTE Band 48C / 20MHz+5MHz

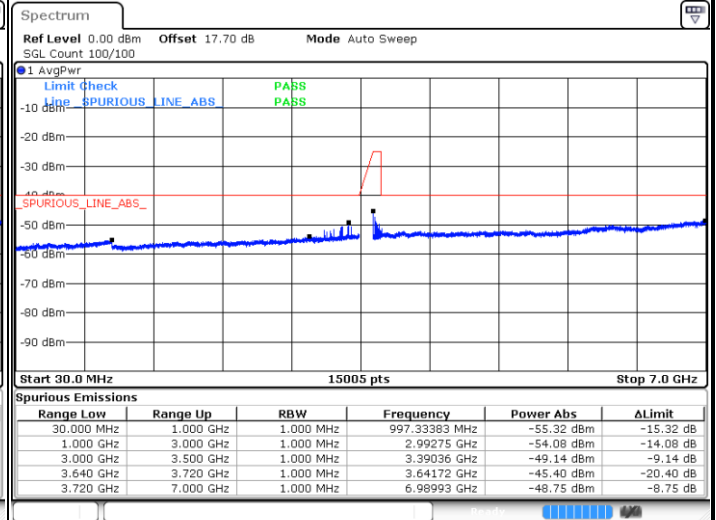
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



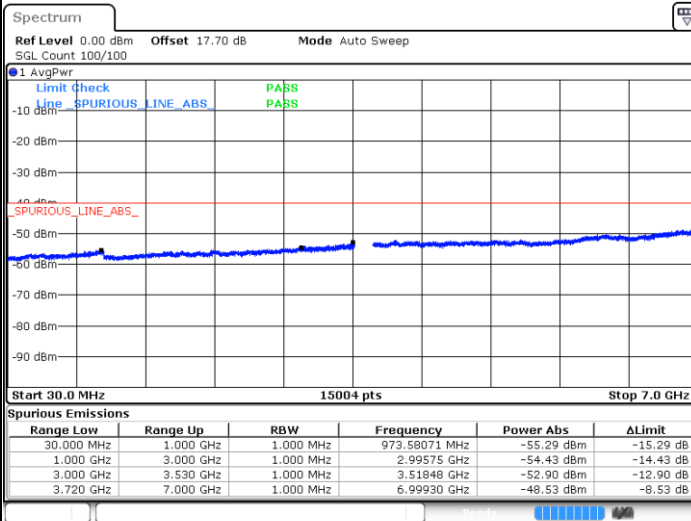
Date: 11 JUN 2021 16:44:20



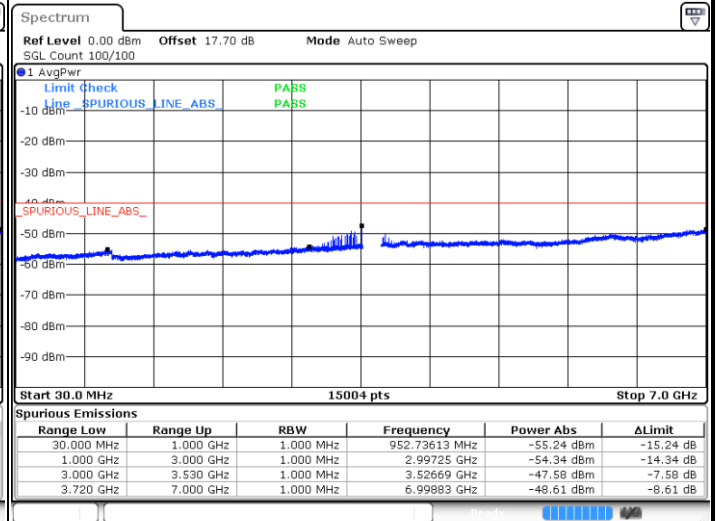
Date: 11 JUN 2021 16:41:45

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 11 JUN 2021 15:12:23



Date: 11 JUN 2021 15:14:58

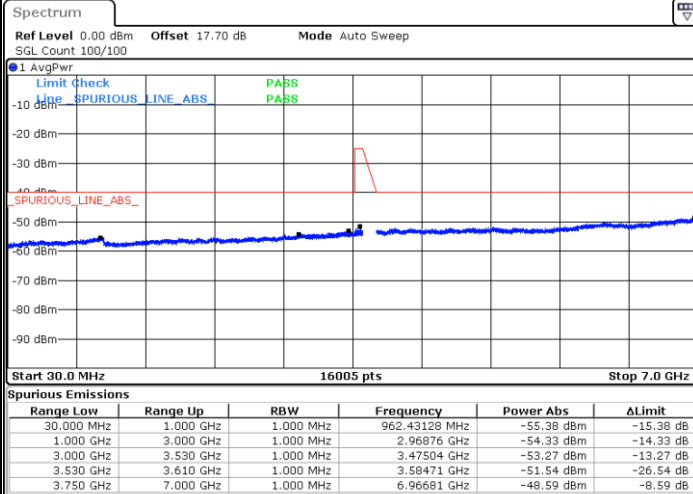


LTE Band 48C / 20MHz+5MHz

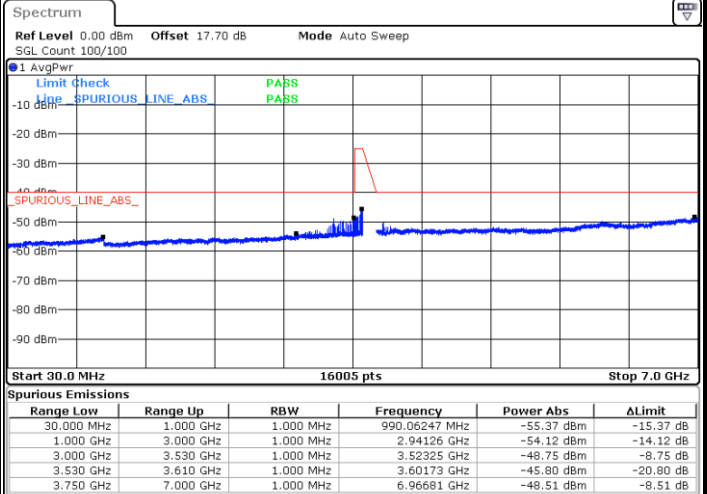
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 11 JUN 2021 15:53:26



Date: 11 JUN 2021 15:50:52

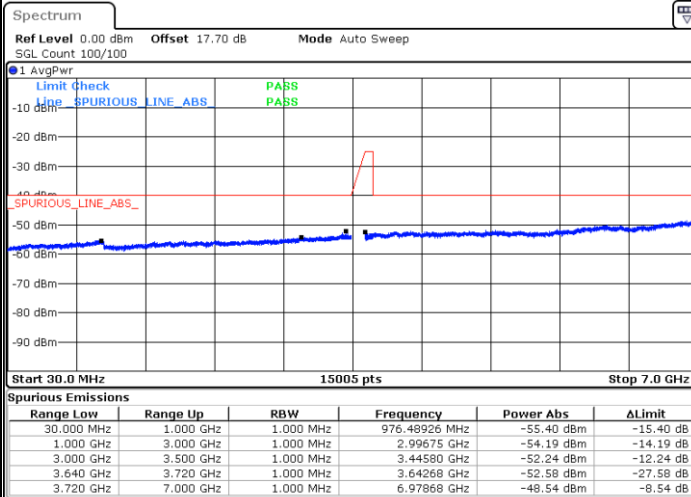


LTE Band 48C / 20MHz+10MHz

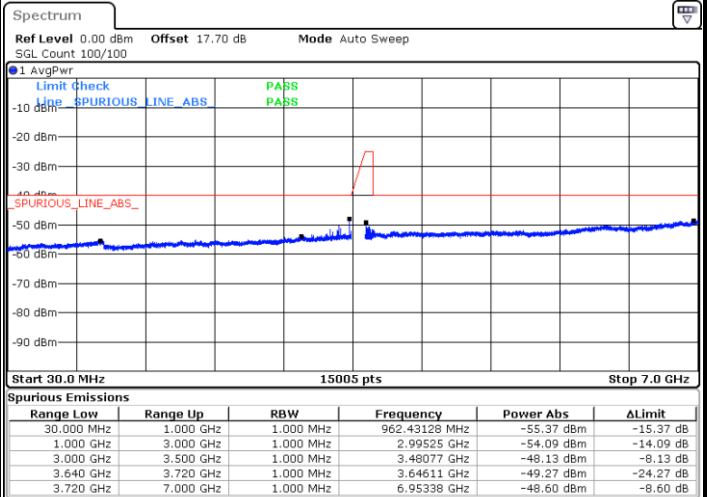
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



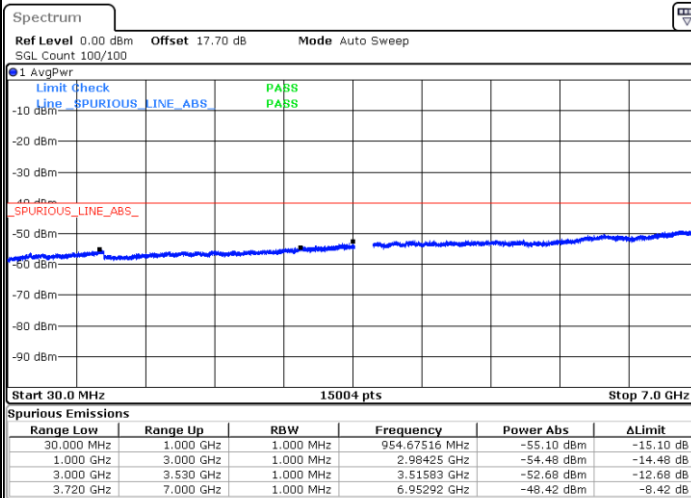
Date: 12 JUN 2021 13:53:25



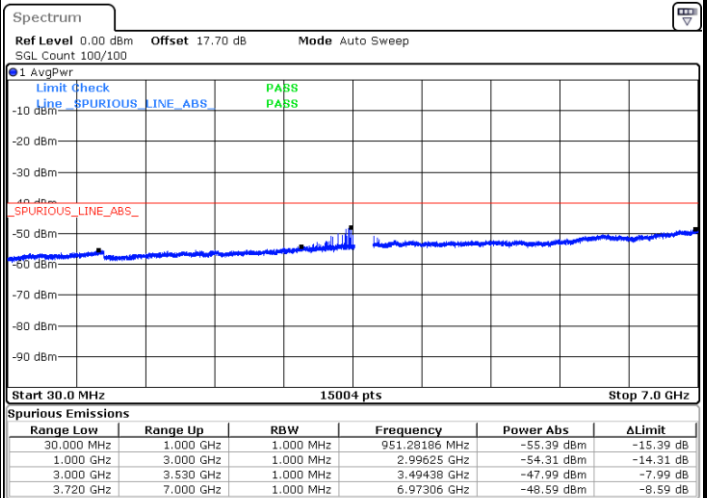
Date: 12 JUN 2021 13:50:50

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 12 JUN 2021 11:46:00



Date: 12 JUN 2021 11:48:35

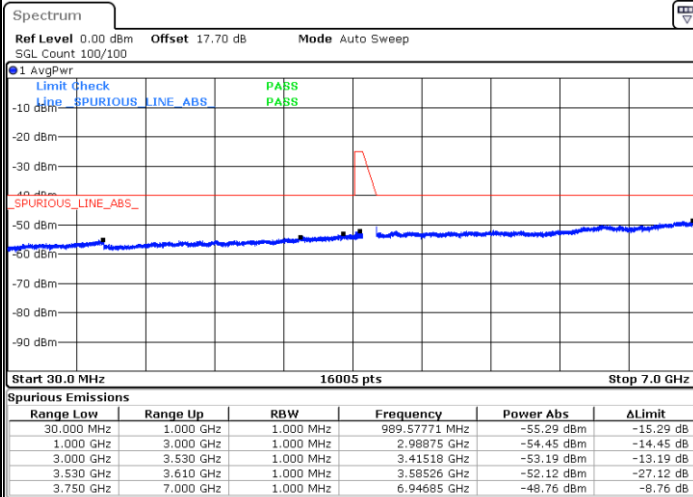


LTE Band 48C / 20MHz+10MHz

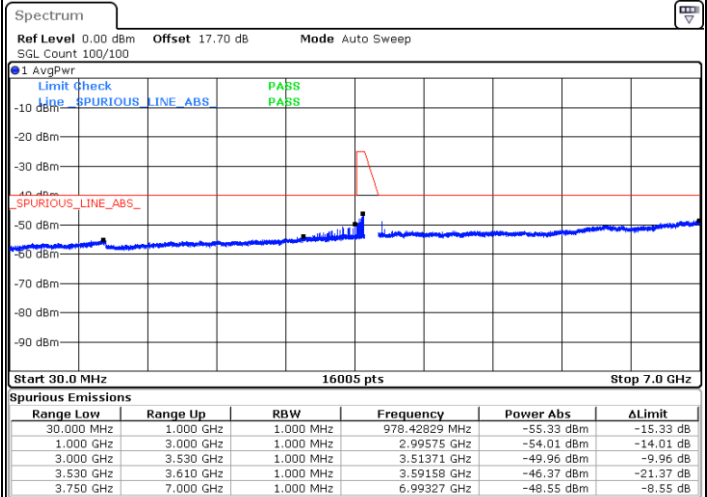
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 12 JUN 2021 12:24:38



Date: 12 JUN 2021 12:22:04

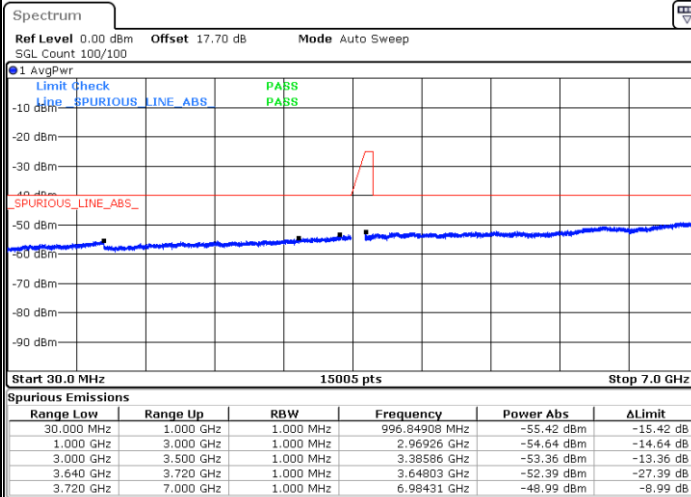


LTE Band 48C / 20MHz+15MHz

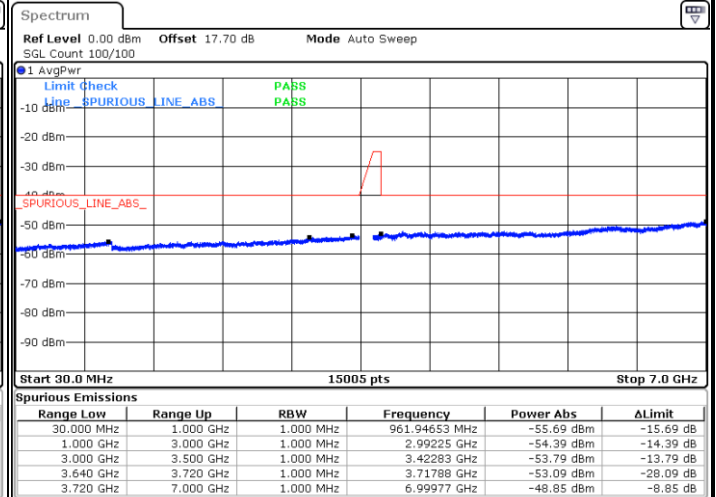
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



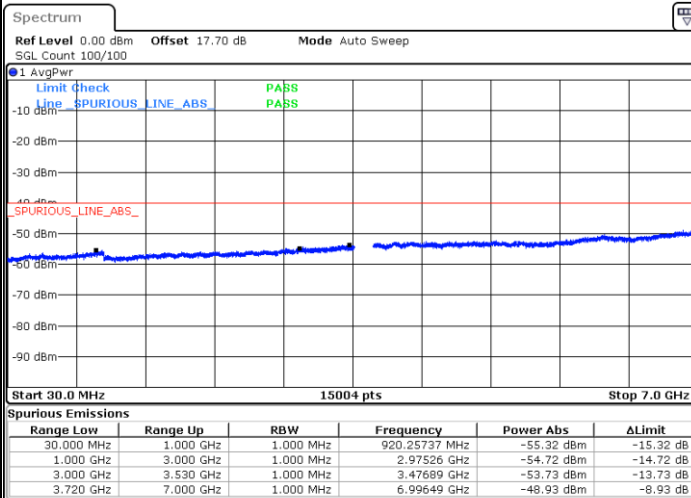
Date: 15 JUN 2021 15:12:20



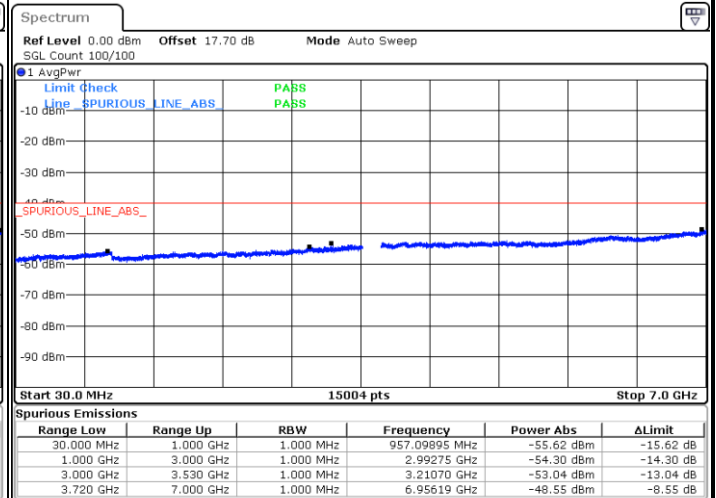
Date: 15 JUN 2021 15:09:44

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 15 JUN 2021 16:37:06



Date: 15 JUN 2021 16:37:54

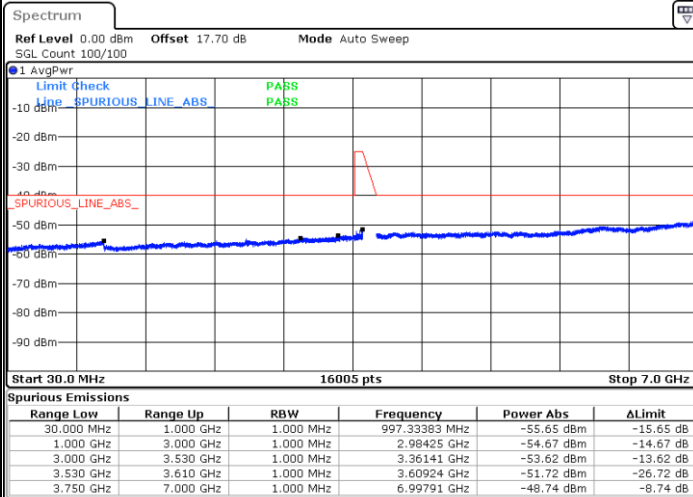


LTE Band 48C / 20MHz+15MHz

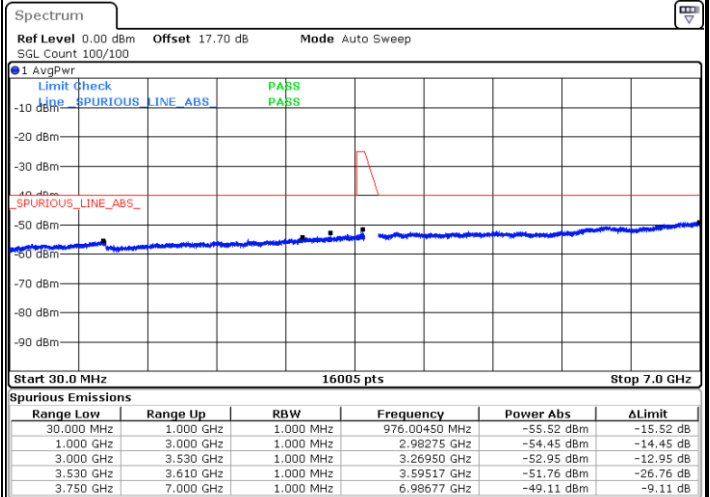
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 15 JUN 2021 17:02:05



Date: 15 JUN 2021 17:01:17

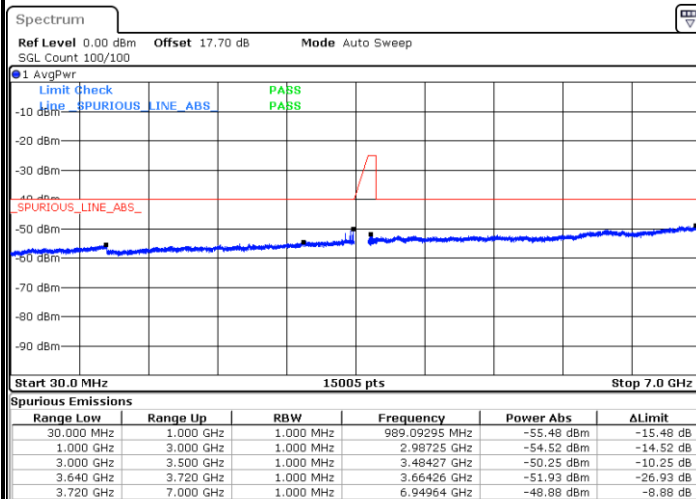


LTE Band 48C / 20MHz+20MHz

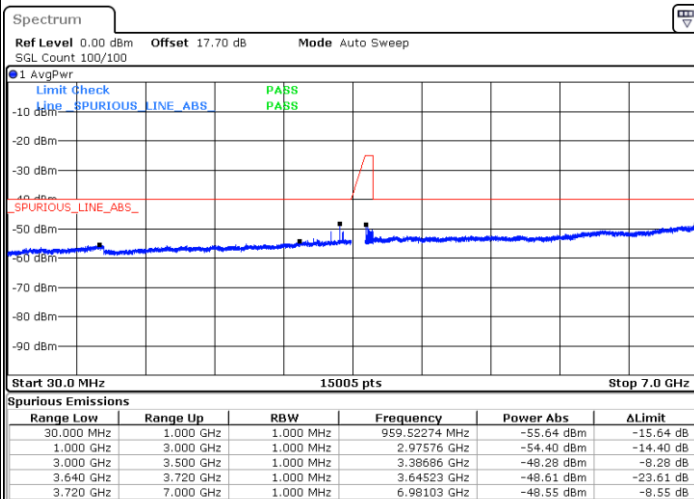
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



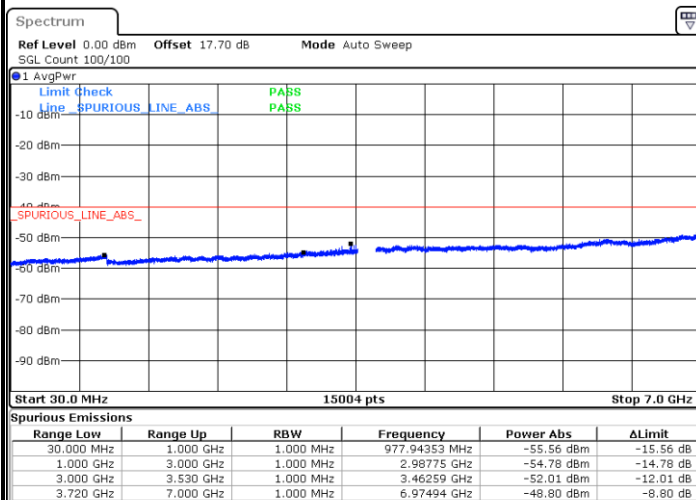
Date: 15 JUN 2021 17:39:48



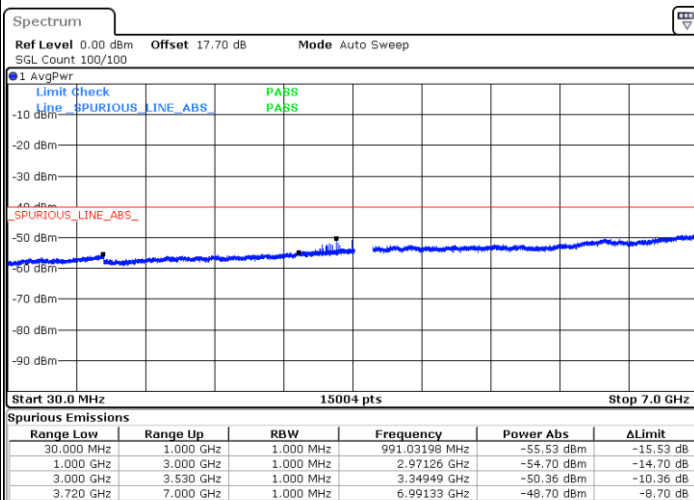
Date: 15 JUN 2021 17:38:30

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 16 JUN 2021 11:15:21



Date: 16 JUN 2021 11:17:57

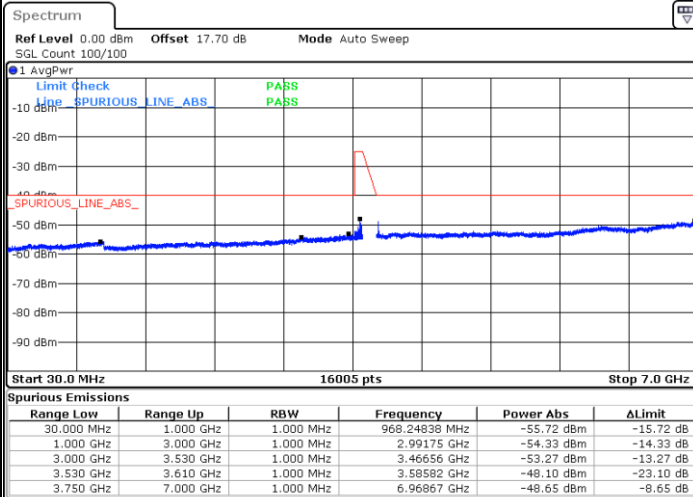


LTE Band 48C / 20MHz+20MHz

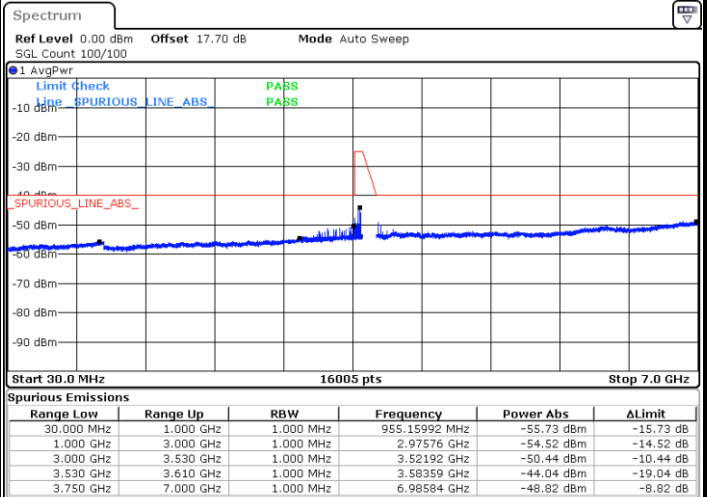
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 16 JUN 2021 10:47:33



Date: 16 JUN 2021 10:44:56



Appendix B. Test Results of Radiated Test

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7100	-50.76	-40	-10.76	-56.26	-59.2	2.56	11.00	H
	10655	-54.56	-40	-14.56	-64.98	-64.3	2.69	12.43	H
	14205	-51.16	-40	-11.16	-65.59	-61.6	3.27	13.71	H
									H
									H
									H
	7100	-54.86	-40	-14.86	-60.73	-63.3	2.56	11.00	V
	10655	-54.36	-40	-14.36	-64.77	-64.1	2.69	12.43	V
	14205	-56.86	-40	-16.86	-70.94	-67.3	3.27	13.71	V
									V
									V
									V
Middle	7230	-51.16	-40	-11.16	-56.82	-59.9	2.52	11.26	H
	10850	-53.52	-40	-13.52	-64.78	-63.3	2.69	12.47	H
	14460	-50.38	-40	-10.38	-64.5	-60.1	3.37	13.10	H
									H
									H
									H
	7230	-55.46	-40	-15.46	-60.85	-64.2	2.52	11.26	V
	10850	-54.42	-40	-14.42	-65.19	-64.2	2.69	12.47	V
	14460	-56.88	-40	-16.88	-71.28	-66.6	3.37	13.10	V
									V
									V
									V



LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	7360	-47.85	-40	-7.85	-53.12	-56.9	2.47	11.52	H
	11045	-56.31	-40	-16.31	-68.03	-66.1	2.69	12.48	H
	14730	-51.01	-40	-11.01	-65.89	-60.8	3.49	13.28	H
									H
									H
									H
									H
	7360	-56.75	-40	-16.75	-62.37	-65.8	2.47	11.52	V
	11045	-56.51	-40	-16.51	-68.3	-66.3	2.69	12.48	V
	14730	-55.71	-40	-15.71	-70.07	-65.5	3.49	13.28	V
									V
									V
									V
									V

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

**LTE Band CA 48B**

LTE Band CA 48B / 10MHz+10MHz / 1RB49 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7120	-49.57	-40	-9.57	-55.26	-58.06	2.55	11.04	H
	10680	-53.92	-40	-13.92	-64.79	-63.67	2.69	12.44	H
	14235	-48.46	-40	-8.46	-63.07	-58.82	3.28	13.64	H
									H
									H
									H
									H
	7120	-56.12	-40	-16.12	-61.87	-64.61	2.55	11.04	V
	10680	-52.76	-40	-12.76	-63.52	-62.51	2.69	12.44	V
	14235	-55.89	-40	-15.89	-70.53	-66.25	3.28	13.64	V
									V
									V
									V
									V
Middle	7250	-49.91	-40	-9.91	-55.37	-58.7	2.51	11.30	H
	10875	-47.21	-40	-7.21	-58.74	-57	2.69	12.48	H
	14505	-49.40	-40	-9.40	-64.25	-59.01	3.39	13.01	H
									H
									H
									H
									H
	7250	-57.43	-40	-17.43	-63.04	-66.22	2.51	11.30	V
	10875	-50.27	-40	-10.27	-61.6	-60.06	2.69	12.48	V
	14505	-53.31	-40	-13.31	-67.98	-62.92	3.39	13.01	V
									V
									V
									V
									V



LTE Band CA 48B / 10MHz+10MHz / 1RB49 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	7380	-47.33	-40	-7.33	-52.8	-56.42	2.47	11.56	H
	11070	-56.55	-40	-16.55	-68.87	-66.34	2.69	12.47	H
	14760	-51.01	-40	-11.01	-65.51	-60.82	3.50	13.31	H
									H
									H
									H
									H
	7380	-56.49	-40	-16.49	-62.13	-65.58	2.47	11.56	V
	11070	-57.13	-40	-17.13	-69.07	-66.92	2.69	12.47	V
	14760	-53.02	-40	-13.02	-67.76	-62.83	3.50	13.31	V
									V
									V
									V
									V

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

**LTE Band CA 48C**

LTE Band CA 48C / 20MHz+20MHz / 1RB99 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7140	-48.93	-40	-8.93	-54.57	-57.46	2.55	11.08	H
	10710	-56.84	-40	-16.84	-67.84	-66.59	2.69	12.44	H
	14280	-52.89	-40	-12.89	-67.54	-63.12	3.30	13.53	H
									H
									H
									H
									H
	7140	-54.53	-40	-14.53	-60.28	-63.06	2.55	11.08	V
	10710	-56.96	-40	-16.96	-67.75	-66.71	2.69	12.44	V
	14280	-56.16	-40	-16.16	-70.69	-66.39	3.30	13.53	V
									V
									V
									V
									V
Middle	7250	-50.26	-40	-10.26	-55.83	-59.05	2.51	11.30	H
	10870	-51.24	-40	-11.24	-62.77	-61.03	2.69	12.47	H
	14490	-49.72	-40	-9.72	-64.53	-59.36	3.39	13.02	H
									H
									H
									H
									H
	7250	-56.29	-40	-16.29	-61.94	-65.08	2.51	11.30	V
	10870	-51.22	-40	-11.22	-62.56	-61.01	2.69	12.47	V
	14490	-56.18	-40	-16.18	-70.93	-65.82	3.39	13.02	V
									V
									V
									V
									V



LTE Band CA 48C / 20MHz+20MHz / 1RB99 QPSK+1RB0 QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	7360	-46.64	-40	-6.64	-52.11	-55.69	2.47	11.52	H
	11040	-56.28	-40	-16.28	-68.35	-66.08	2.69	12.48	H
	14715	-49.84	-40	-9.84	-64.55	-59.62	3.48	13.26	H
									H
									H
									H
									H
	7360	-55.91	-40	-15.91	-61.5	-64.96	2.47	11.52	V
	11040	-56.32	-40	-16.32	-68.19	-66.12	2.69	12.48	V
	14715	-57.04	-40	-17.04	-71.68	-66.82	3.48	13.26	V
									V
									V
									V
									V

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