

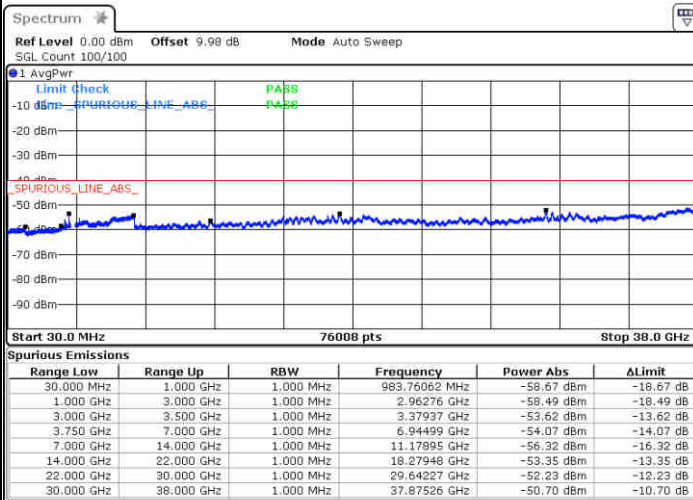


LTE Band 48C / 20MHz+20MHz

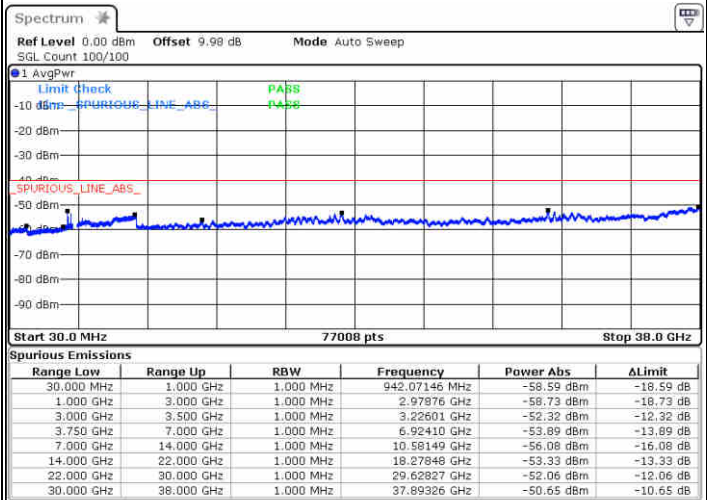
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



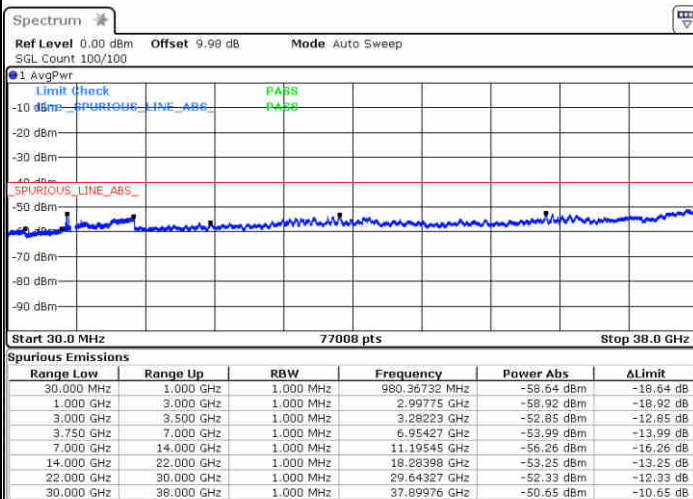
Date: 14 JUL 2020 01:11:58



Date: 14 JUL 2020 01:58:43

Highest Channel / 1RB99 and 1RB0

N/A



Date: 14 JUL 2020 00:18:44

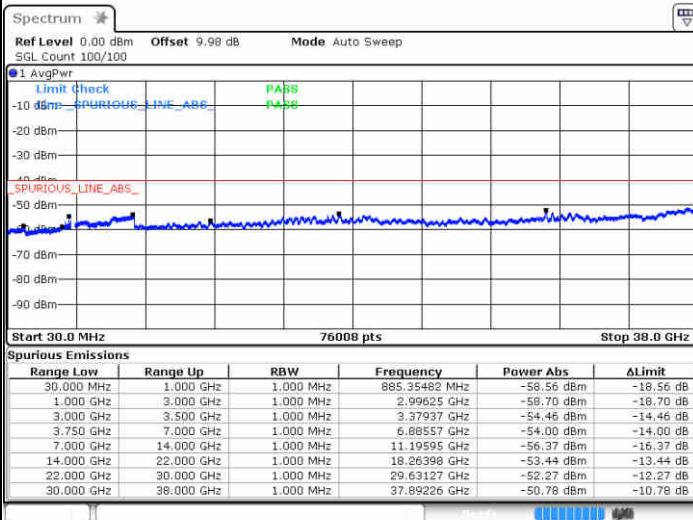


LTE Band 48C / 5MHz+20MHz

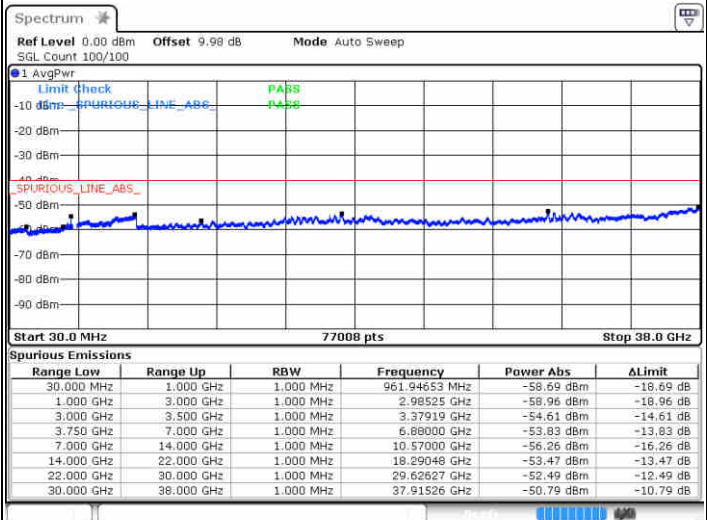
16QAM

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0



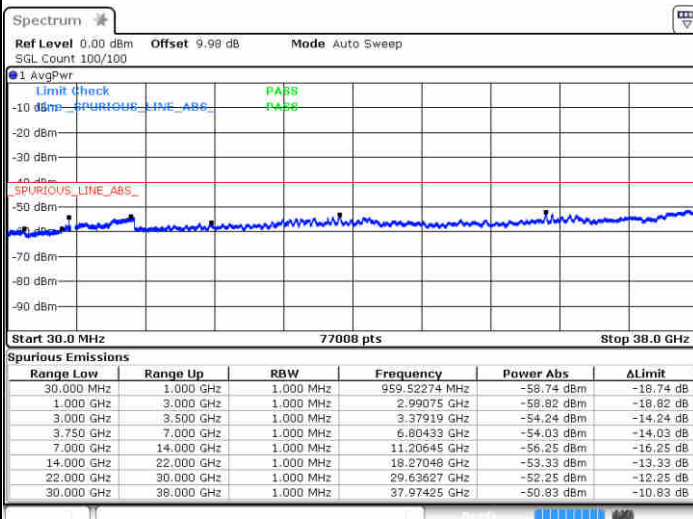
Date: 13 JUL 2020 02:37:33



Date: 13 JUL 2020 02:48:44

Highest Channel / 1RB24 and 1RB0

N/A



Date: 13 JUL 2020 03:00:02

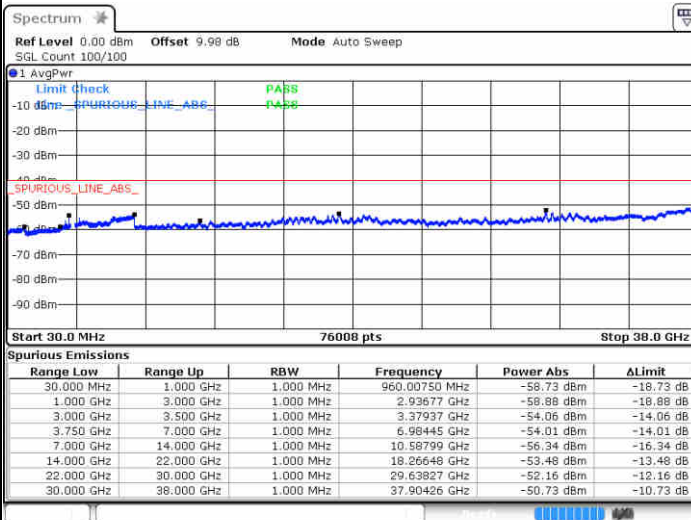


LTE Band 48C / 10MHz+20MHz

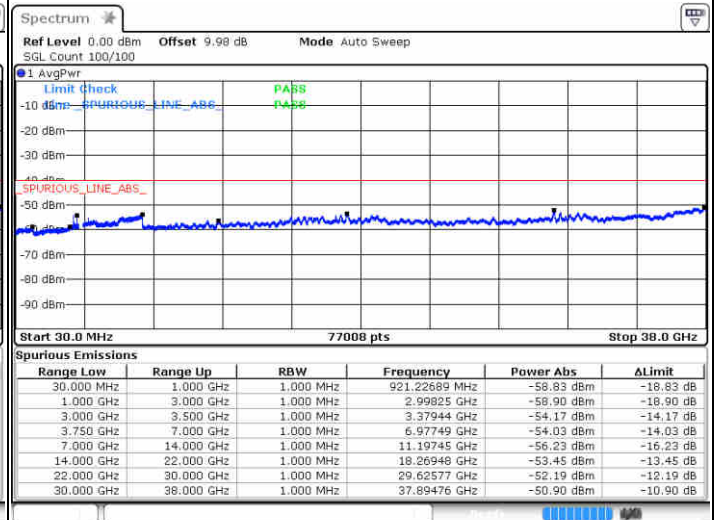
16QAM

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



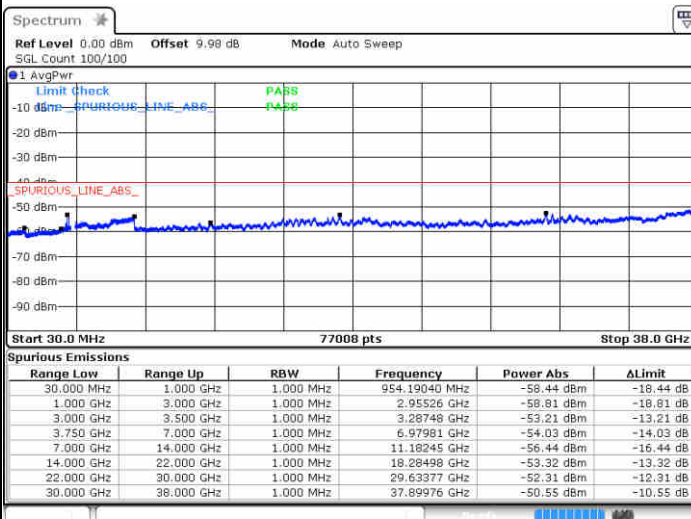
Date: 13 JUL 2020 05:34:50



Date: 13 JUL 2020 06:09:08

Highest Channel / 1RB49 and 1RB0

N/A



Date: 13 JUL 2020 06:39:55

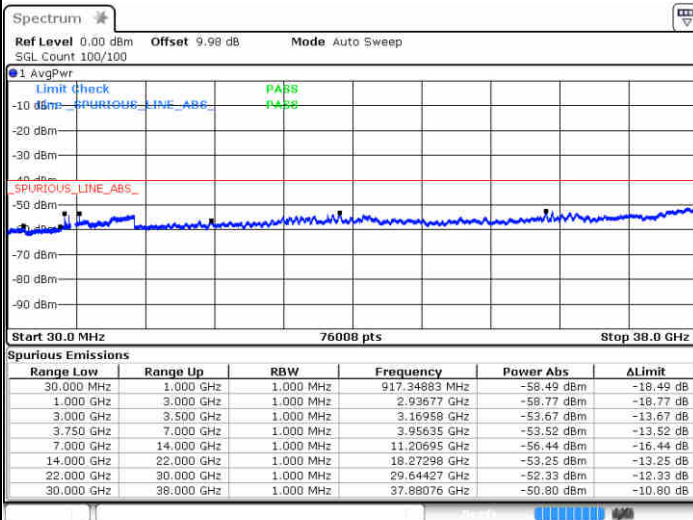


LTE Band 48C / 15MHz+20MHz

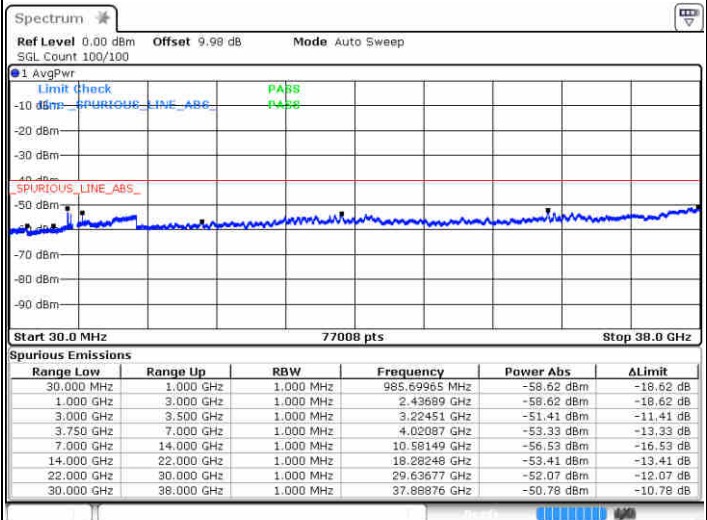
16QAM

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



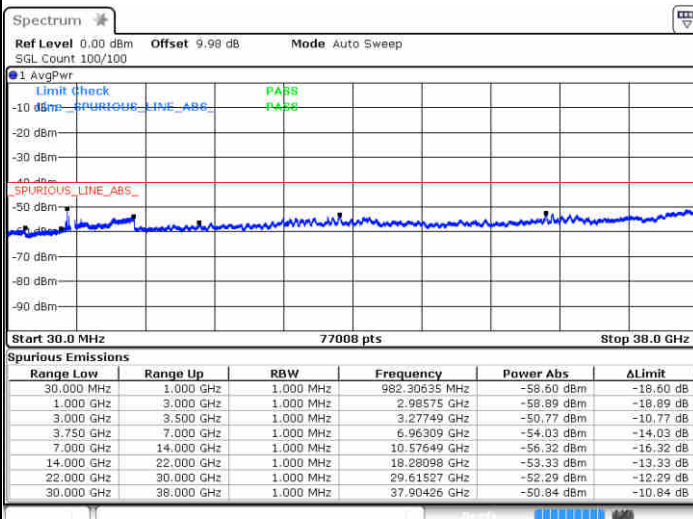
Date: 14 JUL 2020 02:14:56



Date: 14 JUL 2020 02:28:17

Highest Channel / 1RB74 and 1RB0

N/A



Date: 14 JUL 2020 02:38:58

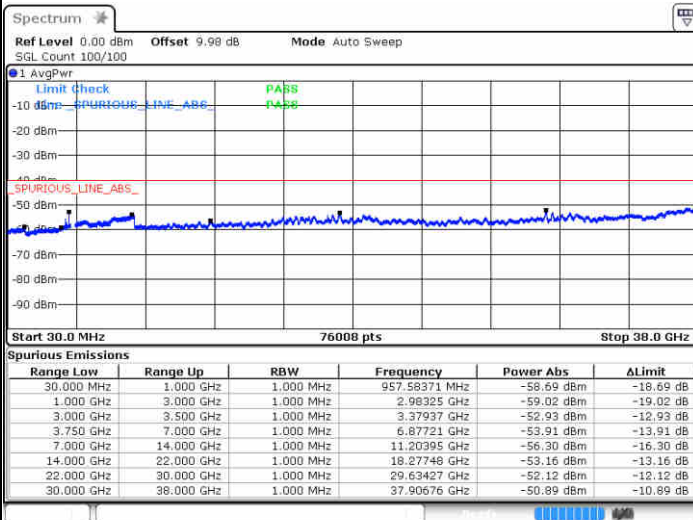


LTE Band 48C / 20MHz+5MHz

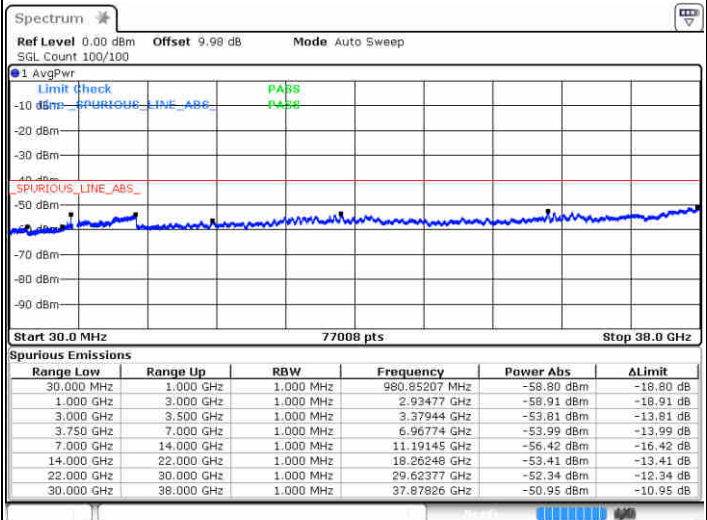
16QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



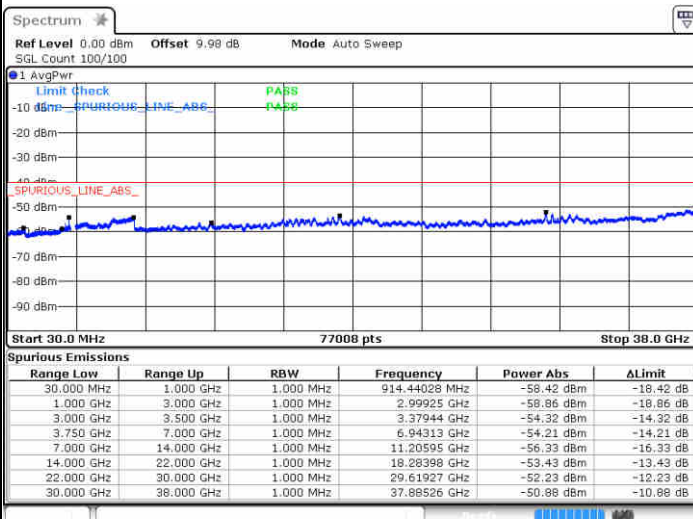
Date: 13 JUL 2020 03:36:23



Date: 13 JUL 2020 04:04:46

Highest Channel / 1RB99 and 1RB0

N/A



Date: 13 JUL 2020 04:33:09

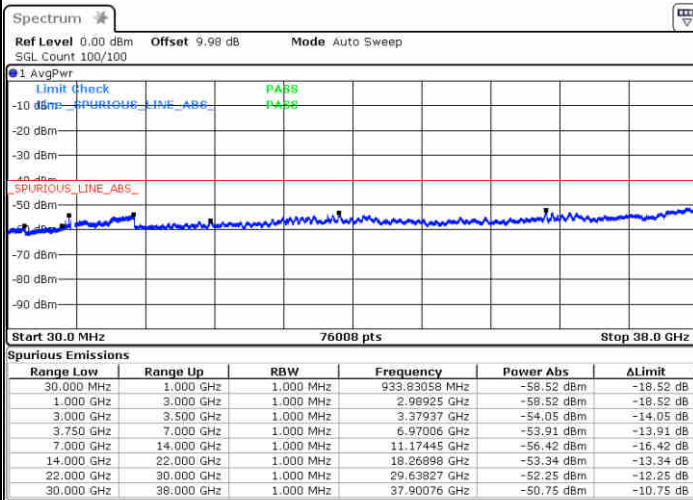


LTE Band 48C / 20MHz+10MHz

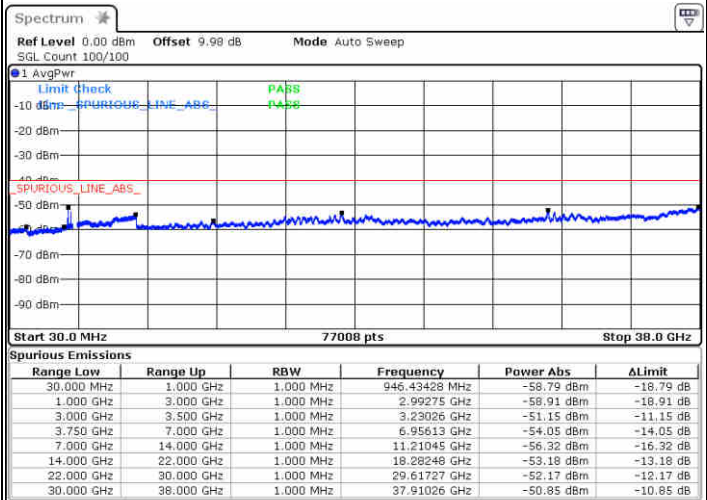
16QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



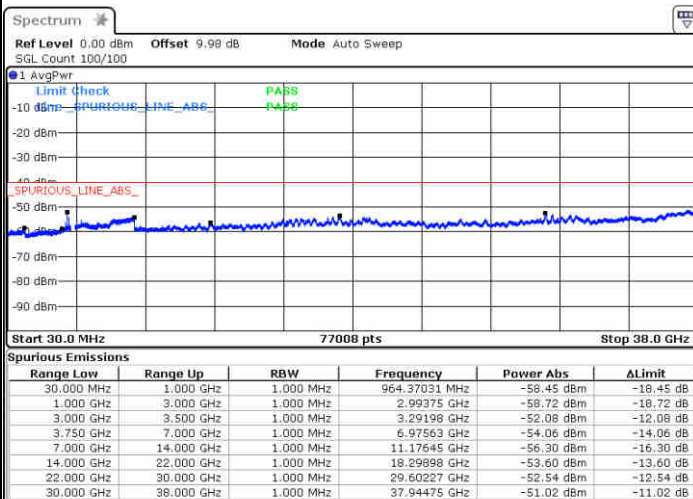
Date: 13 JUL 2020 00:34:10



Date: 13 JUL 2020 00:44:55

Highest Channel / 1RB99 and 1RB0

N/A



Date: 13 JUL 2020 01:39:14

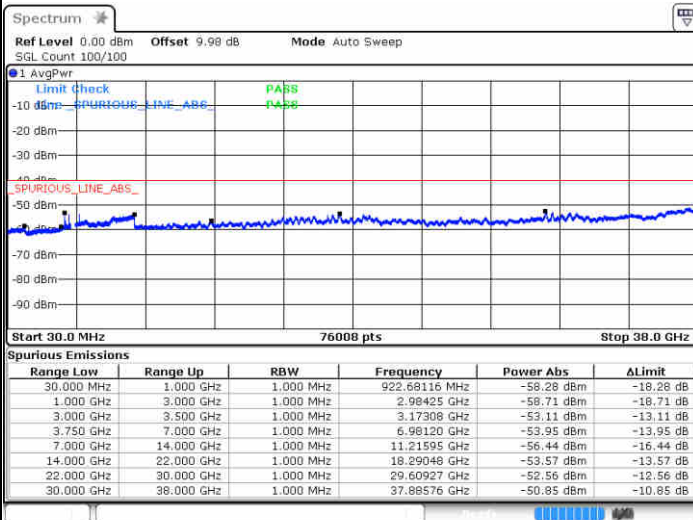


LTE Band 48C / 20MHz+15MHz

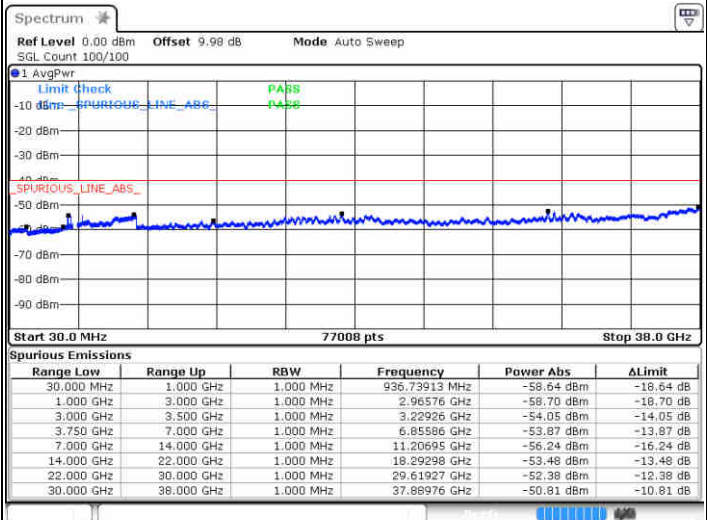
16QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



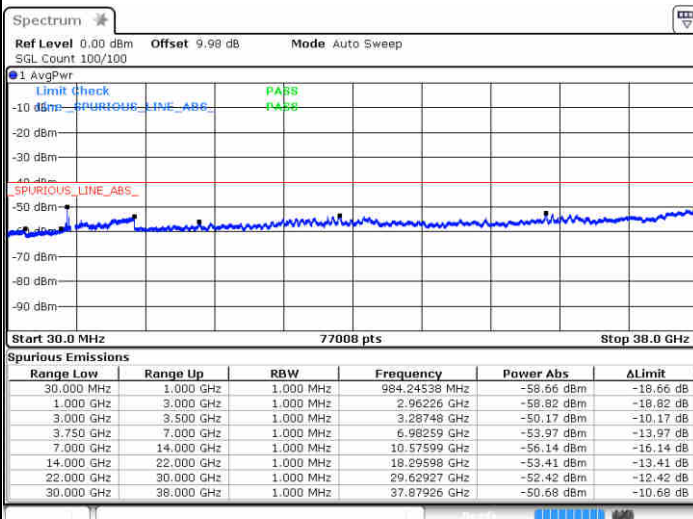
Date: 14 JUL 2020 03:24:15



Date: 14 JUL 2020 03:34:09

Highest Channel / 1RB99 and 1RB0

N/A



Date: 14 JUL 2020 03:48:25

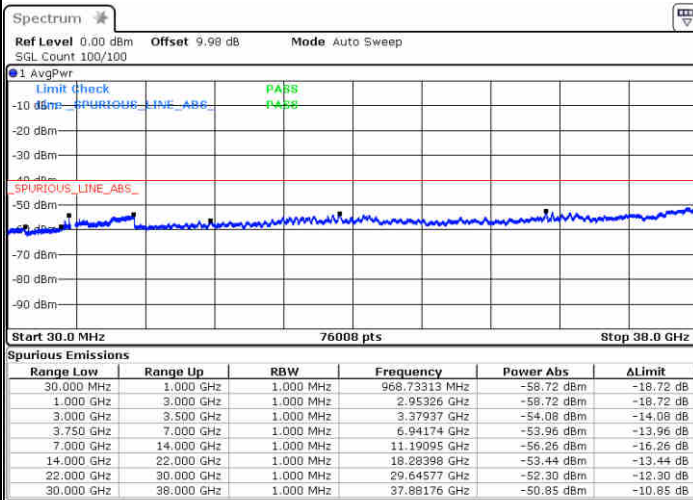


LTE Band 48C / 20MHz+20MHz

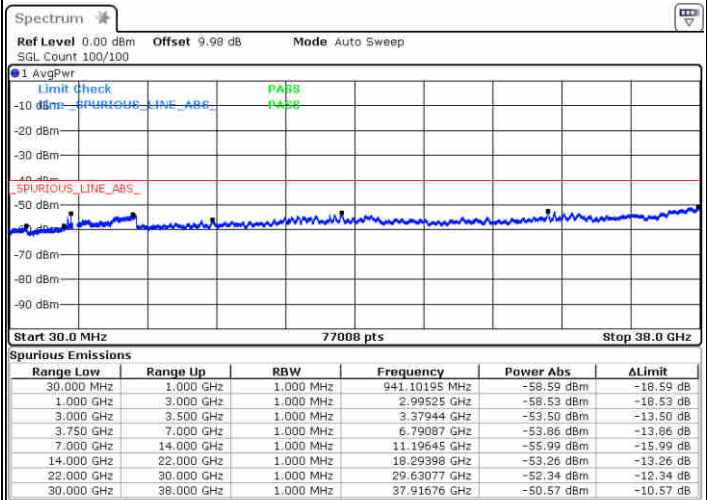
16QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



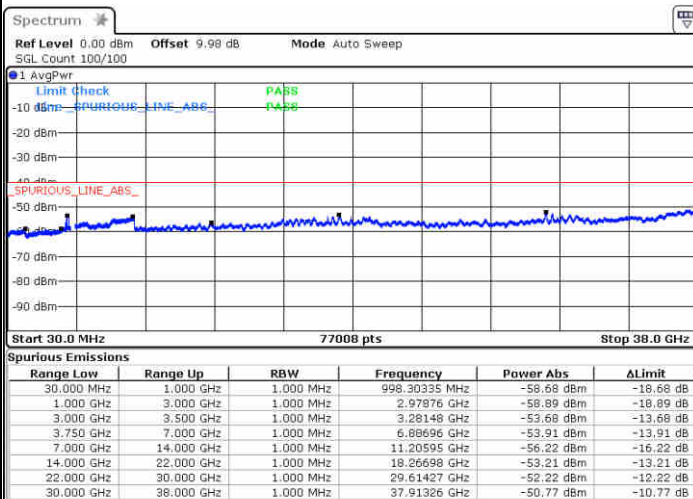
Date: 14 JUL 2020 01:17:29



Date: 14 JUL 2020 02:02:06

Highest Channel / 1RB99 and 1RB0

N/A



Date: 14 JUL 2020 00:22:05

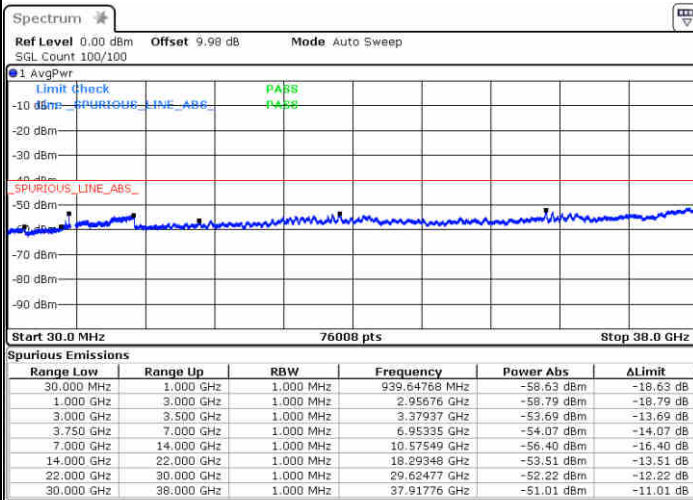


LTE Band 48C / 5MHz+20MHz

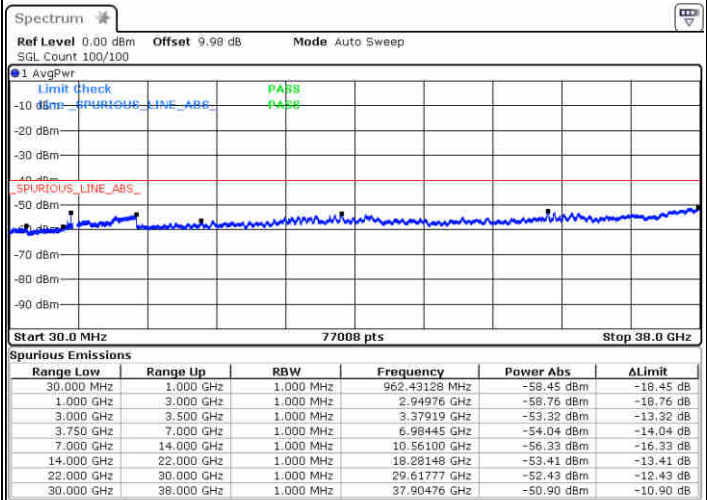
64QAM

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0



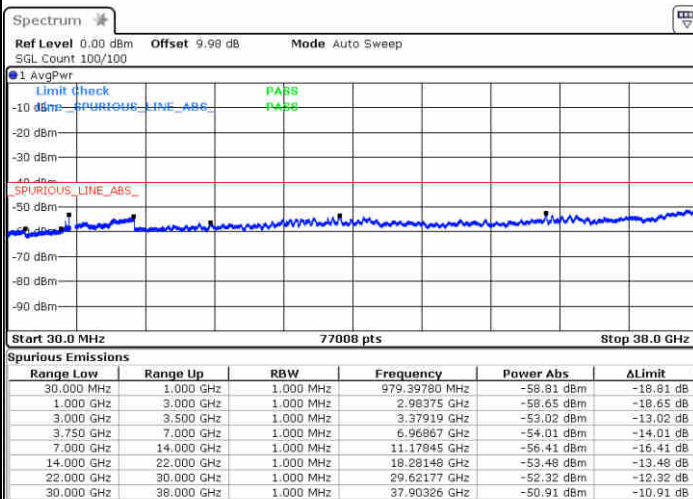
Date: 13 JUL 2020 02:40:33



Date: 13 JUL 2020 02:52:10

Highest Channel / 1RB24 and 1RB0

N/A



Date: 13 JUL 2020 03:03:29

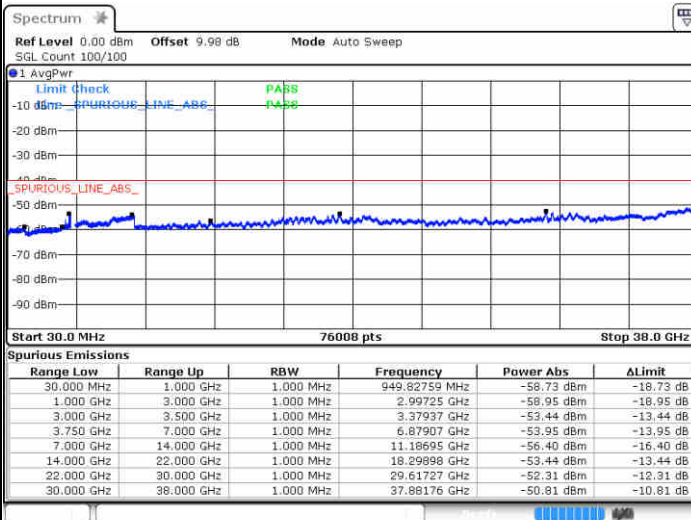


LTE Band 48C / 10MHz+20MHz

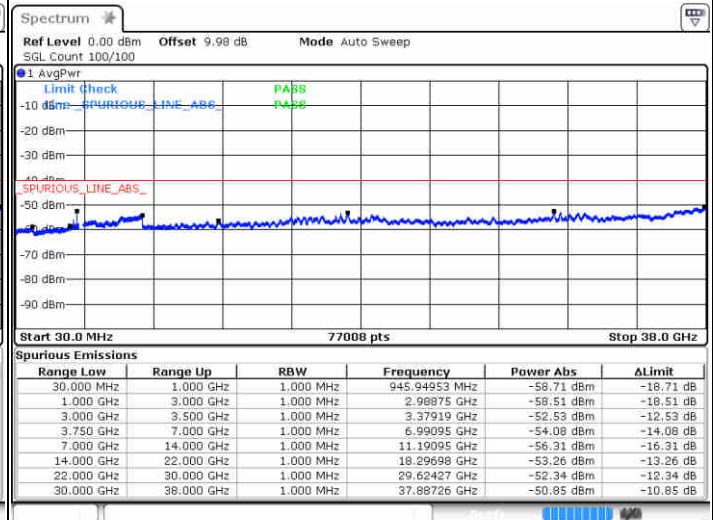
64QAM

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



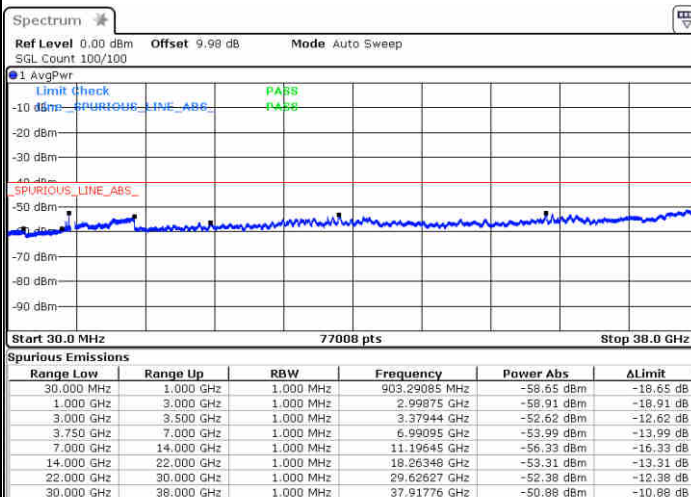
Date: 13 JUL 2020 05:38:26



Date: 13 JUL 2020 06:12:36

Highest Channel / 1RB49 and 1RB0

N/A



Date: 13 JUL 2020 06:44:23

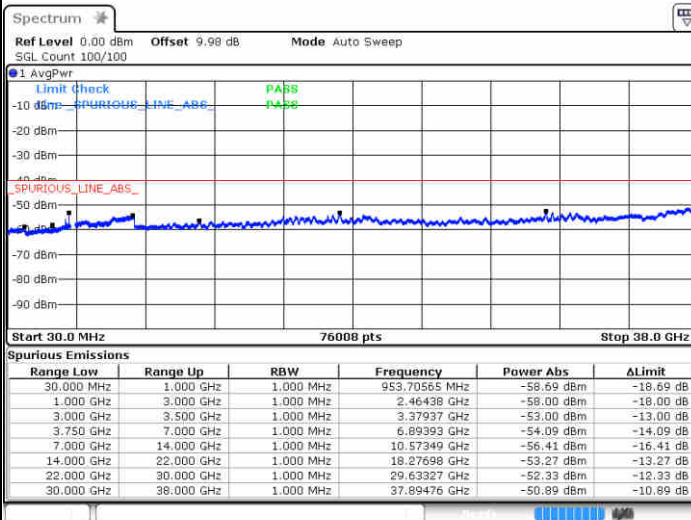


LTE Band 48C / 15MHz+20MHz

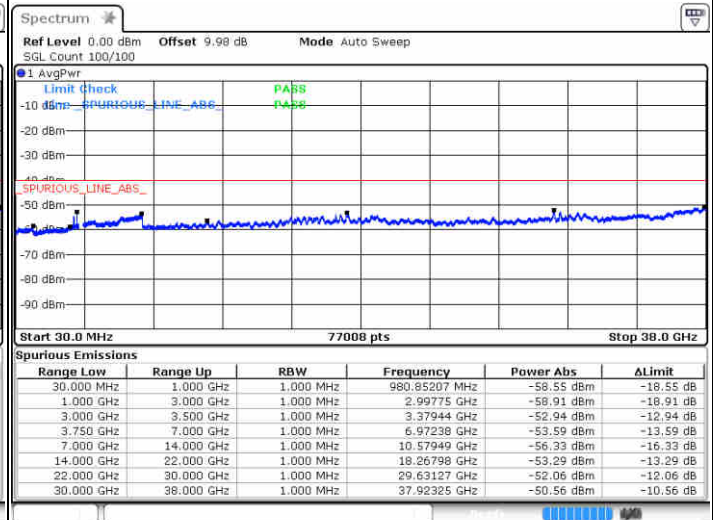
64QAM

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



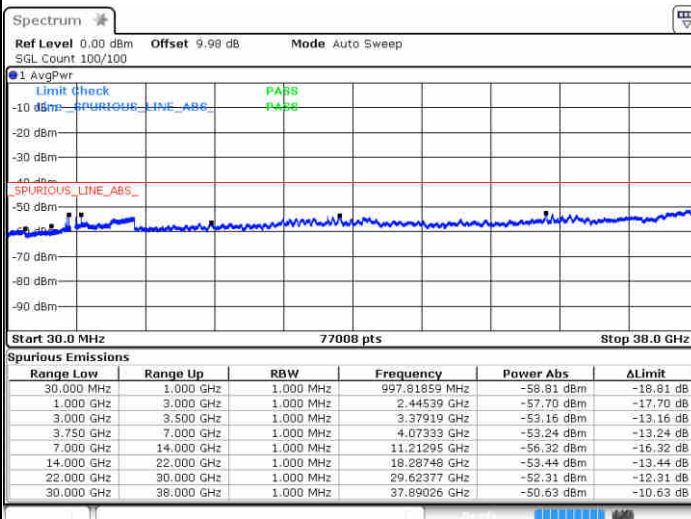
Date: 14 JUL 2020 02:22:41



Date: 14 JUL 2020 02:30:47

Highest Channel / 1RB74 and 1RB0

N/A



Date: 14 JUL 2020 02:41:16

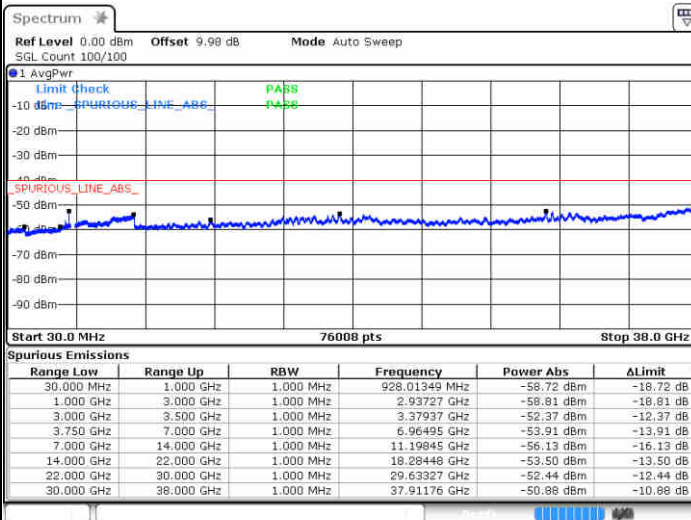


LTE Band 48C / 20MHz+5MHz

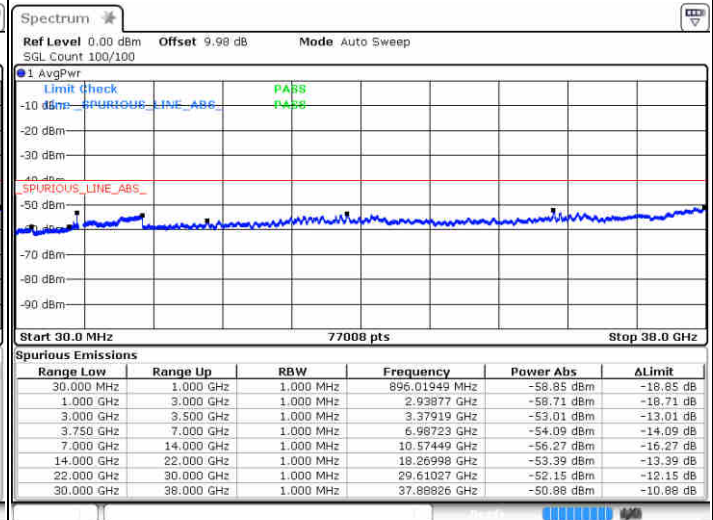
64QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



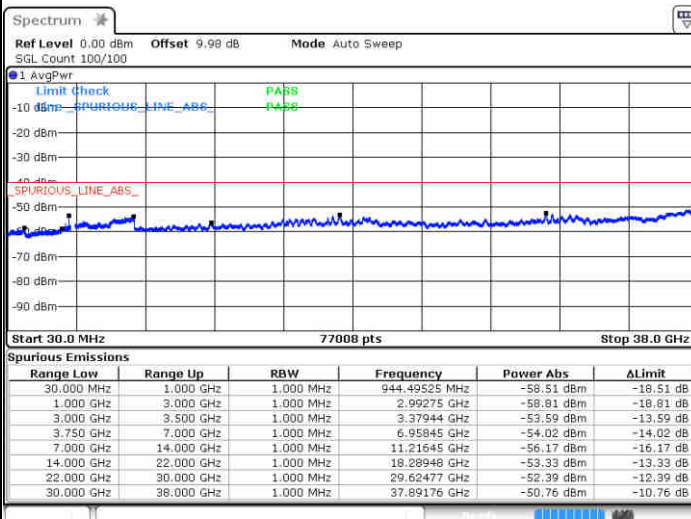
Date: 13 JUL 2020 03:39:44



Date: 13 JUL 2020 04:10:42

Highest Channel / 1RB99 and 1RB0

N/A



Date: 13 JUL 2020 04:38:57

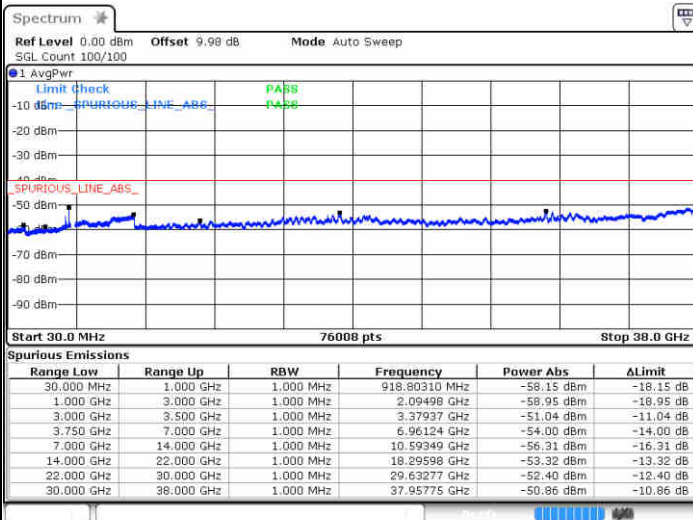


LTE Band 48C / 20MHz+10MHz

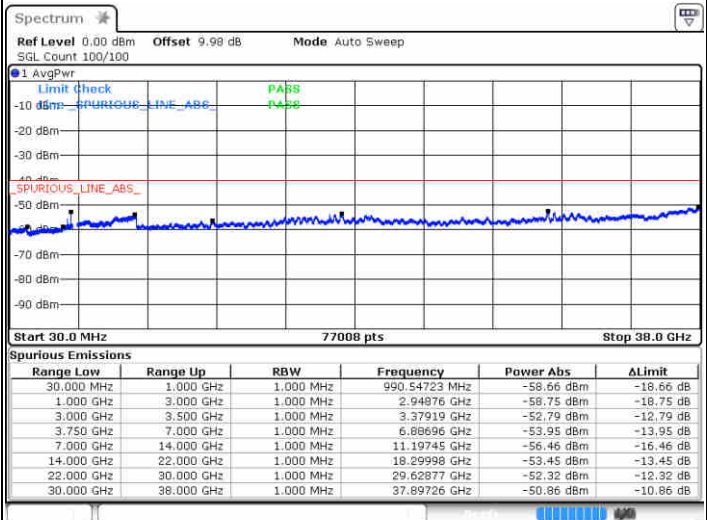
64QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



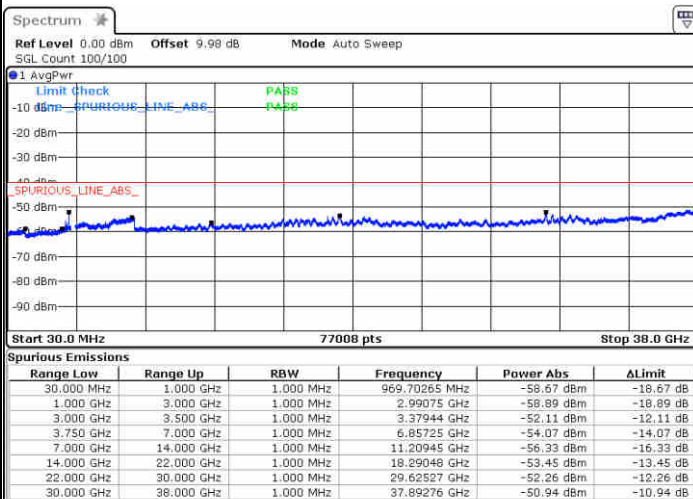
Date: 13 JUL 2020 00:37:06



Date: 13 JUL 2020 00:51:11

Highest Channel / 1RB99 and 1RB0

N/A



Date: 13 JUL 2020 01:47:58

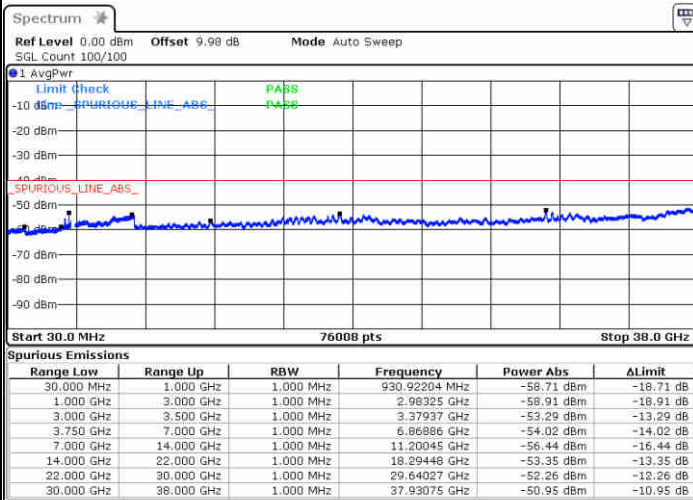


LTE Band 48C / 20MHz+15MHz

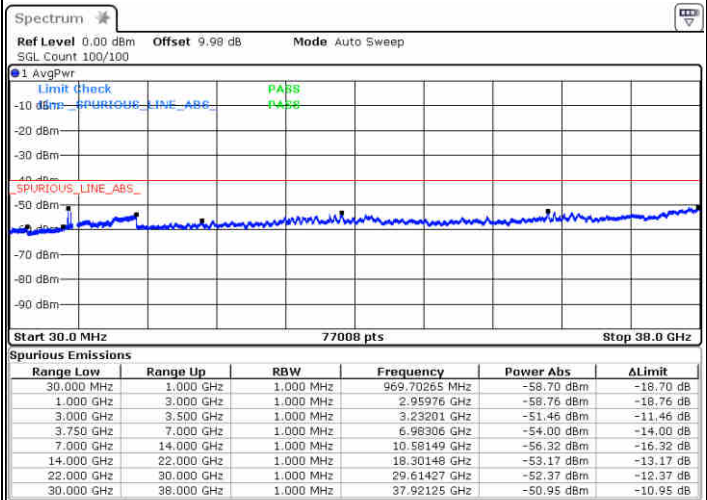
64QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



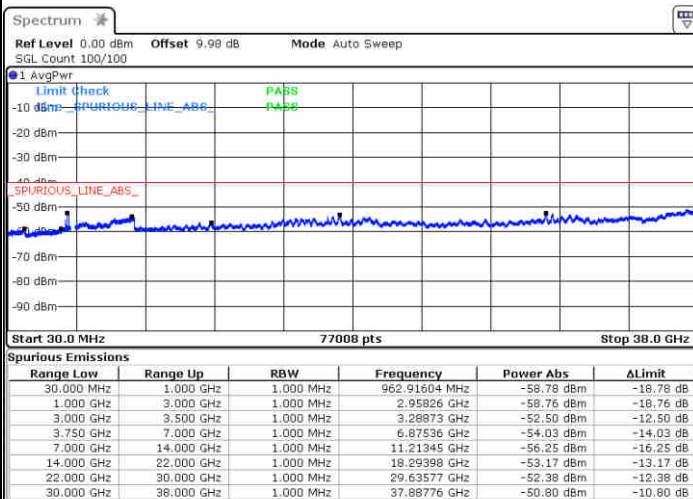
Date: 14 JUL 2020 03:26:42



Date: 14 JUL 2020 03:36:46

Highest Channel / 1RB99 and 1RB0

N/A



Date: 14 JUL 2020 03:48:41

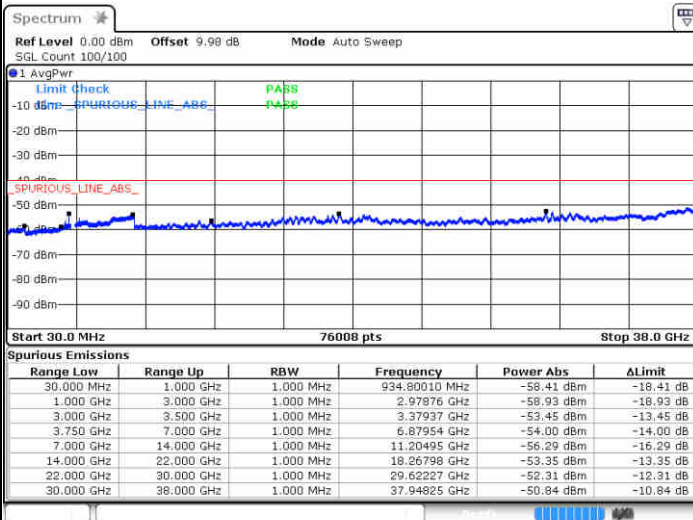


LTE Band 48C / 20MHz+20MHz

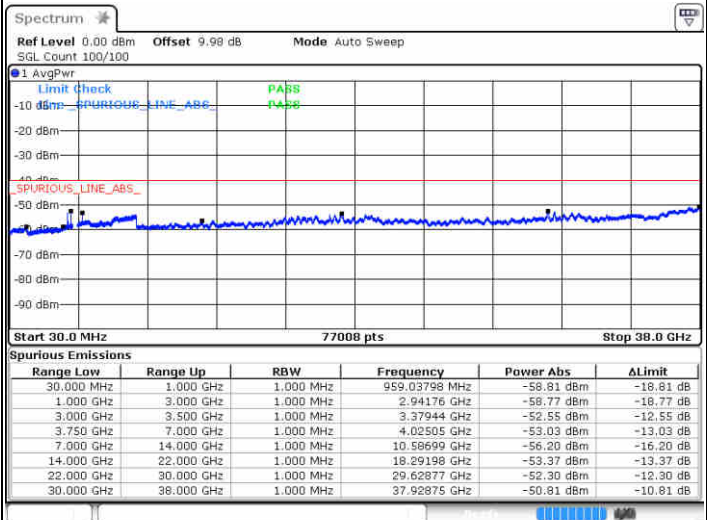
64QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



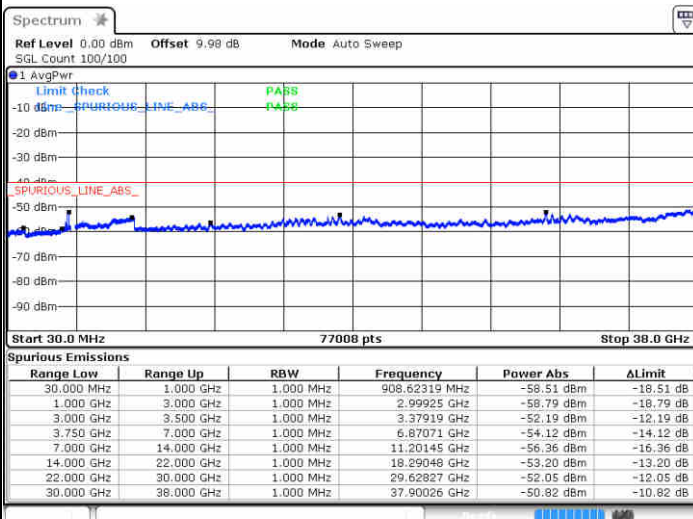
Date: 14 JUL 2020 01:19:55



Date: 14 JUL 2020 02:05:12

Highest Channel / 1RB99 and 1RB0

N/A



Date: 14 JUL 2020 00:24:49

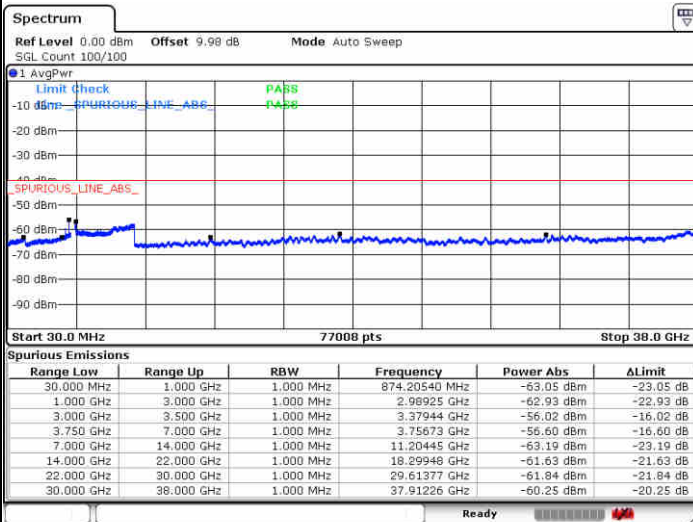


LTE Band 48C / 5MHz+20MHz

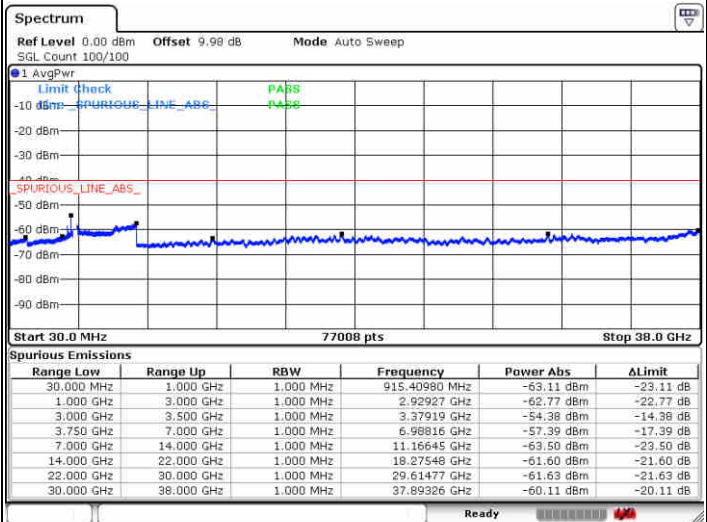
256QAM

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0



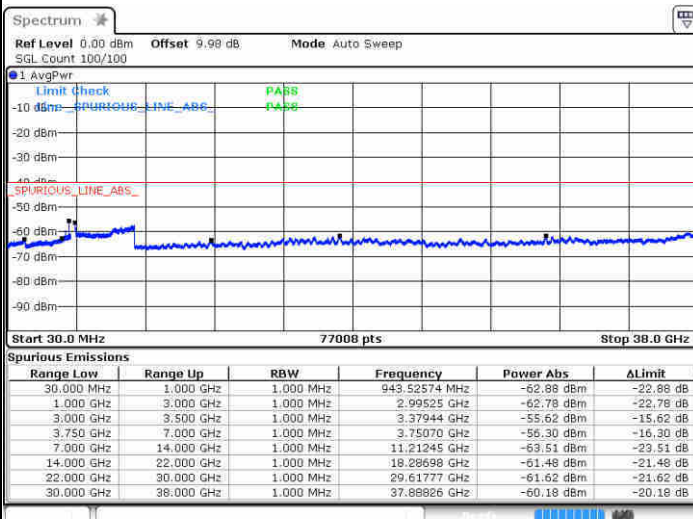
Date: 21 JUL 2020 21:16:38



Date: 21 JUL 2020 20:56:33

Highest Channel / 1RB24 and 1RB0

N/A



Date: 21 JUL 2020 20:48:52

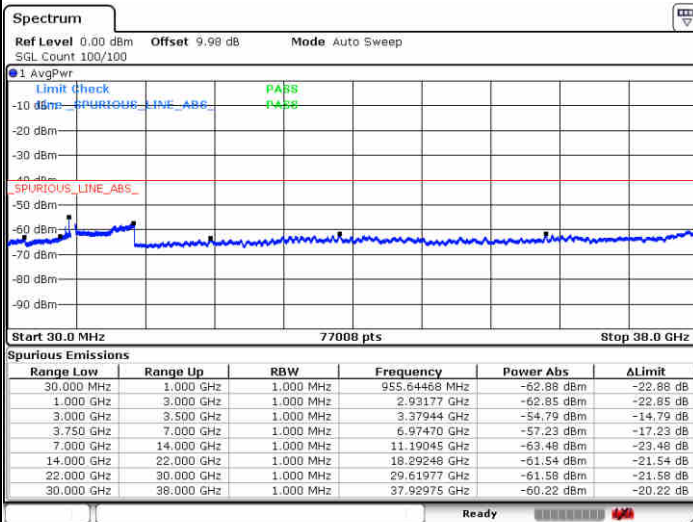


LTE Band 48C / 10MHz+20MHz

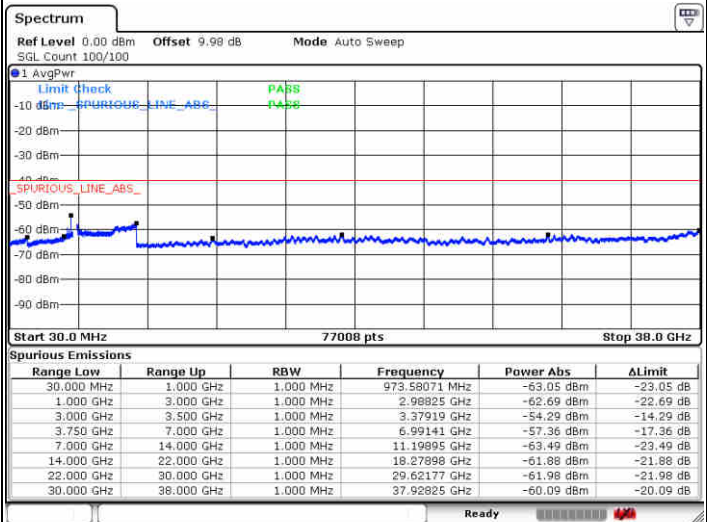
256QAM

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



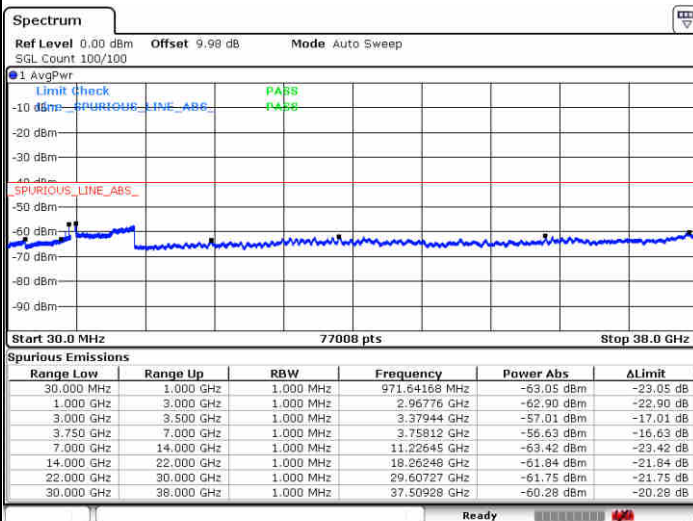
Date: 21 JUL 2020 21:02:54



Date: 21 JUL 2020 21:20:48

Highest Channel / 1RB49 and 1RB0

N/A



Date: 21 JUL 2020 21:23:53

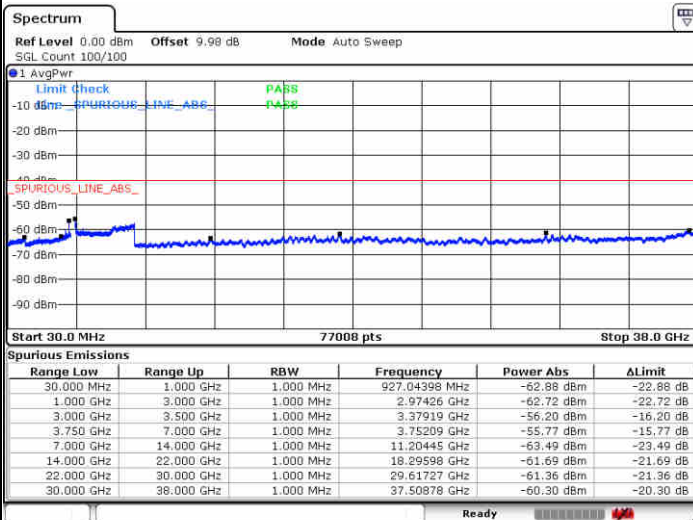


LTE Band 48C / 15MHz+20MHz

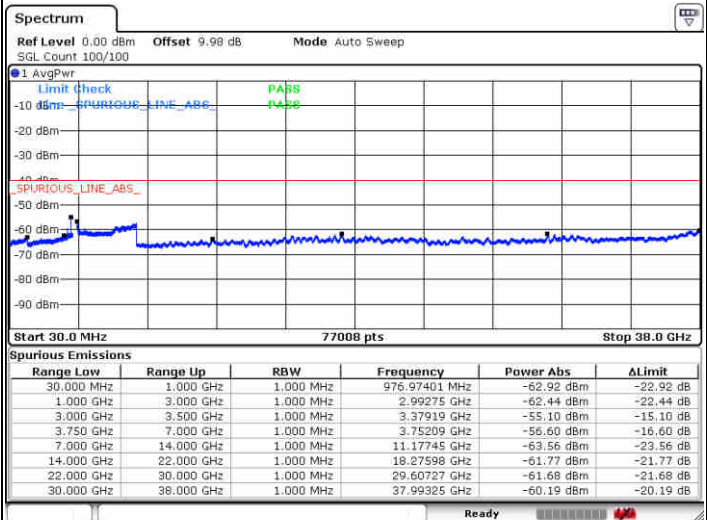
256QAM

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



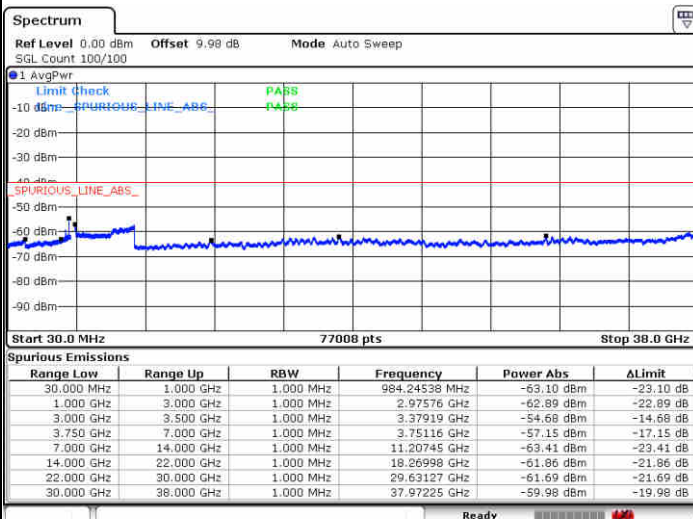
Date: 21 JUL 2020 21:13:17



Date: 21 JUL 2020 21:22:42

Highest Channel / 1RB74 and 1RB0

N/A



Date: 21 JUL 2020 21:28:50

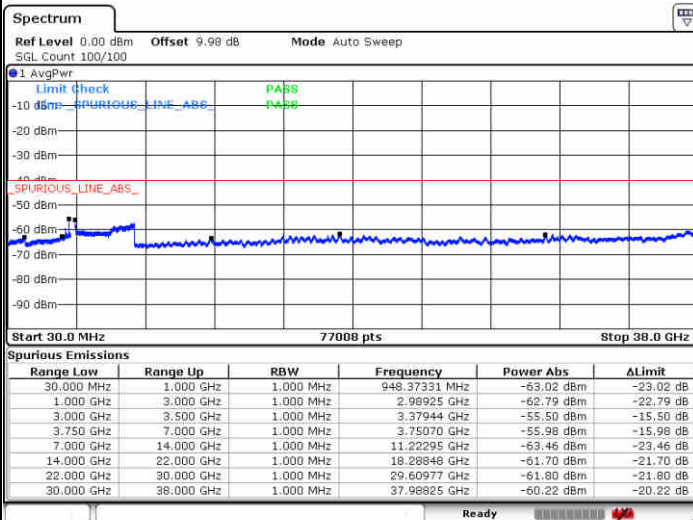


LTE Band 48C / 20MHz+5MHz

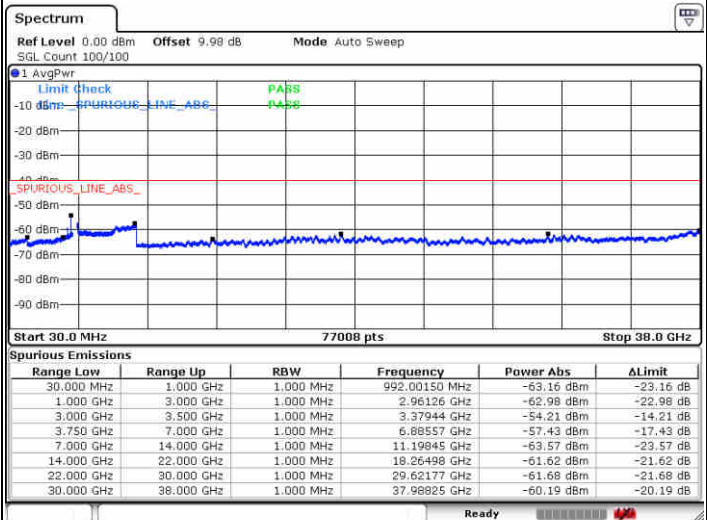
256QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



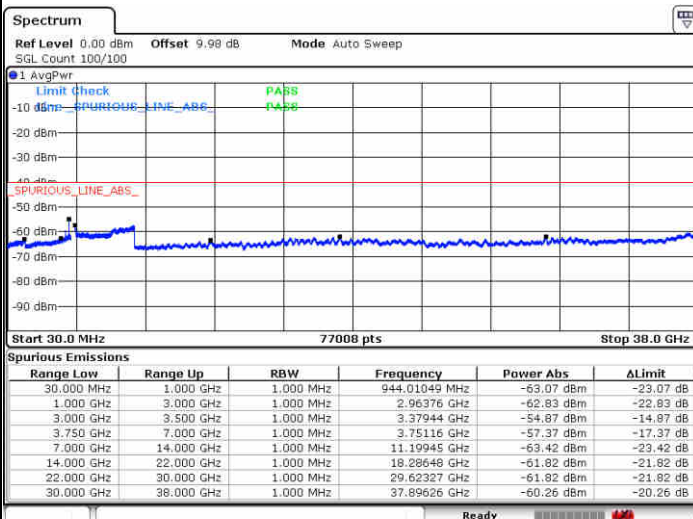
Date: 21 JUL 2020 21:04:27



Date: 21 JUL 2020 21:27:23

Highest Channel / 1RB99 and 1RB0

N/A



Date: 21 JUL 2020 21:31:13

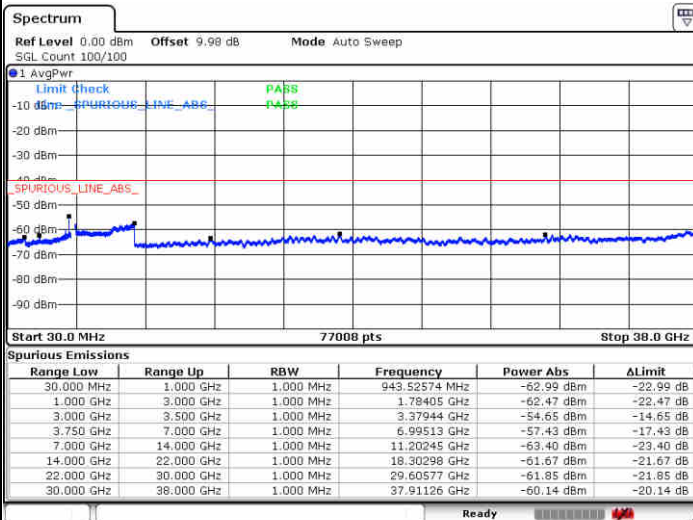


LTE Band 48C / 20MHz+10MHz

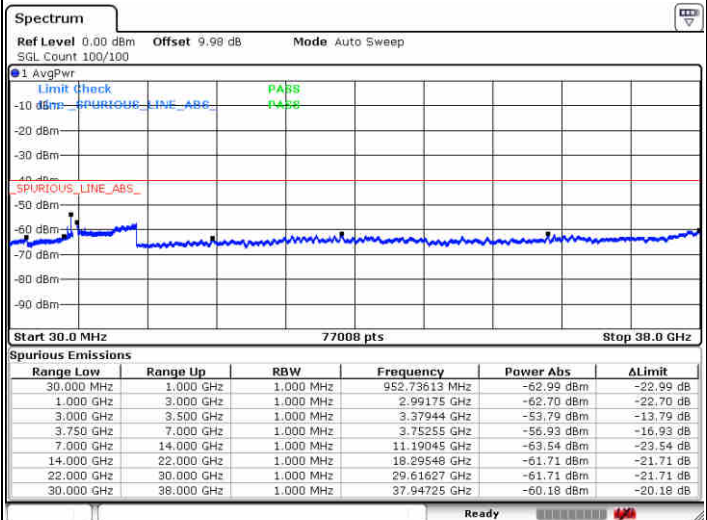
256QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



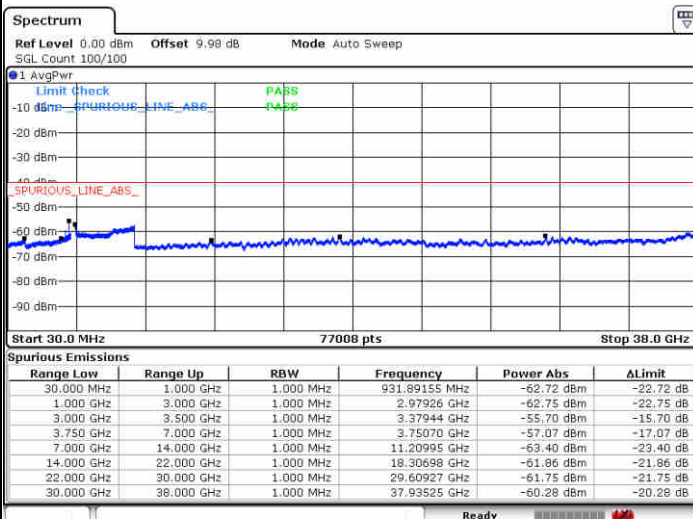
Date: 21 JUL 2020 21:15:04



Date: 21 JUL 2020 21:25:58

Highest Channel / 1RB99 and 1RB0

N/A



Date: 21 JUL 2020 21:30:19

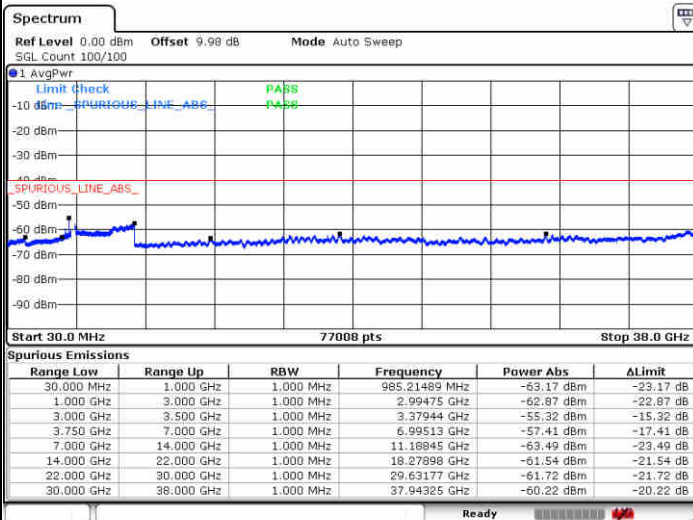


LTE Band 48C / 20MHz+15MHz

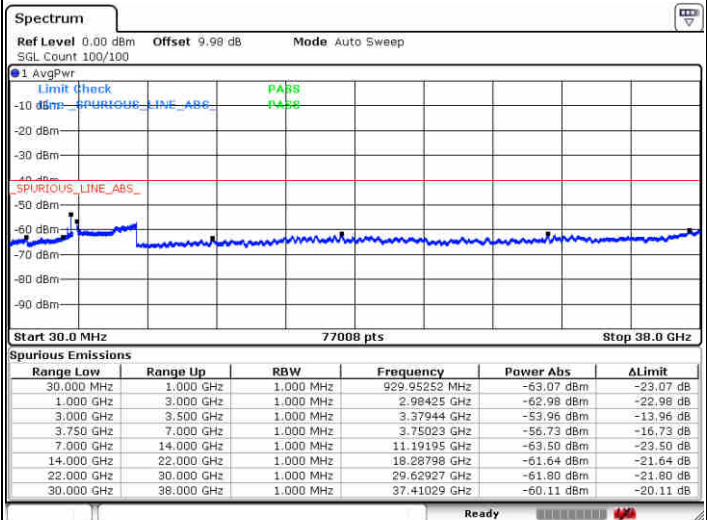
256QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



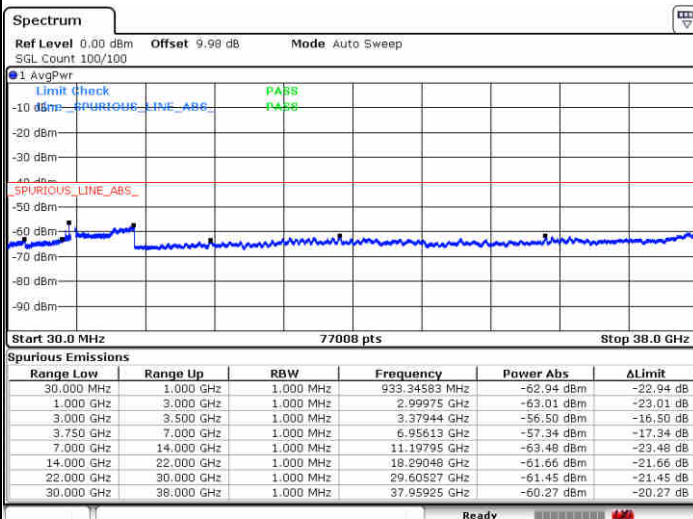
Date: 21 JUL 2020 21:10:37



Date: 21 JUL 2020 21:19:19

Highest Channel / 1RB99 and 1RB0

N/A



Date: 21 JUL 2020 21:33:16

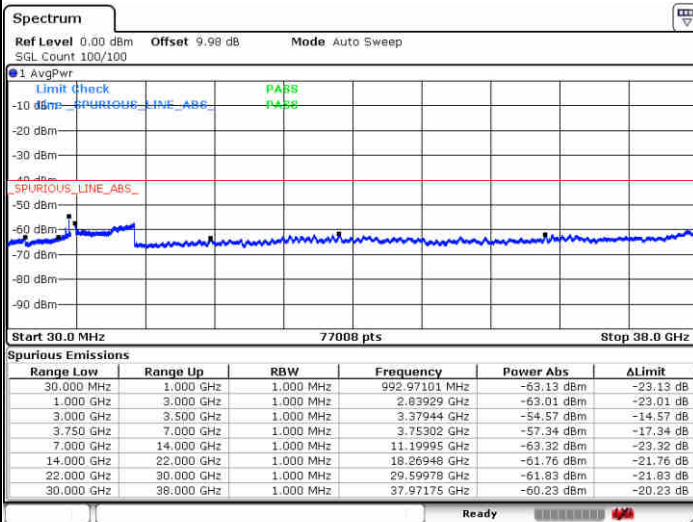


LTE Band 48C / 20MHz+20MHz

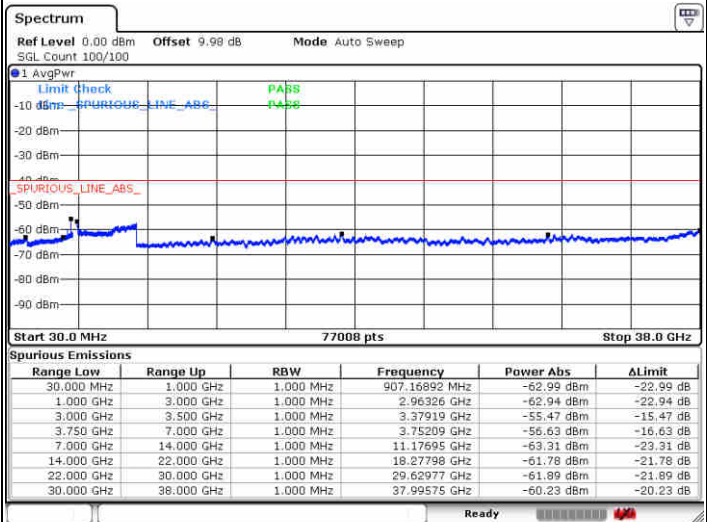
256QAM

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



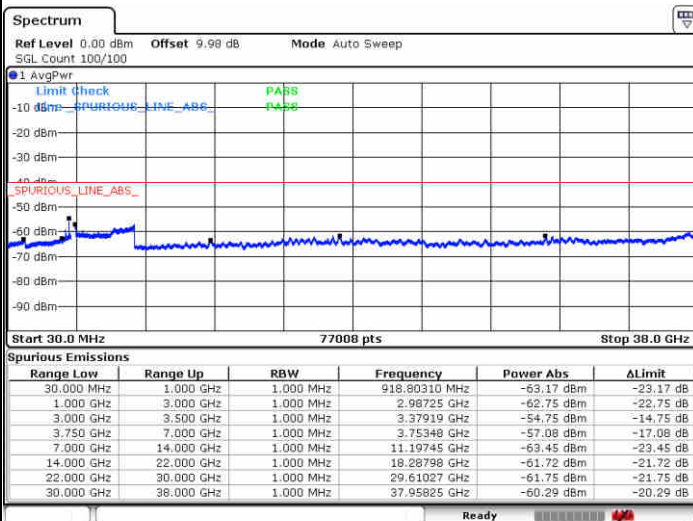
Date: 21 JUL 2020 21:01:21



Date: 21 JUL 2020 21:12:01

Highest Channel / 1RB99 and 1RB0

N/A



Date: 21 JUL 2020 21:32:10

7. Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 48 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7230	-44.77	-40	-4.77	-56.23	2.84	14.30	H
	10848	-45.86	-40	-5.86	-55.80	3.49	13.43	H
	14466	-53.63	-40	-13.63	-63.87	3.85	14.09	H
	7230	-50.72	-40	-10.72	-62.18	2.84	14.30	V
	10848	-53.24	-40	-13.24	-63.18	3.49	13.43	V
	14466	-52.91	-40	-12.91	-63.15	3.85	14.09	V

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

LTE Band 48C CA / 20MHz+20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7212	-49.36	-40	-9.36	-60.82	2.84	14.30	H
	10818	-51.49	-40	-11.49	-61.43	3.49	13.43	H
	14424	-53.86	-40	-13.86	-64.10	3.85	14.09	H
	7212	-56.94	-40	-16.94	-68.40	2.84	14.30	V
	10818	-54.76	-40	-14.76	-64.70	3.49	13.43	V
	14424	-52.85	-40	-12.85	-63.09	3.85	14.09	V

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



8. Appendix C. Setup Photographs