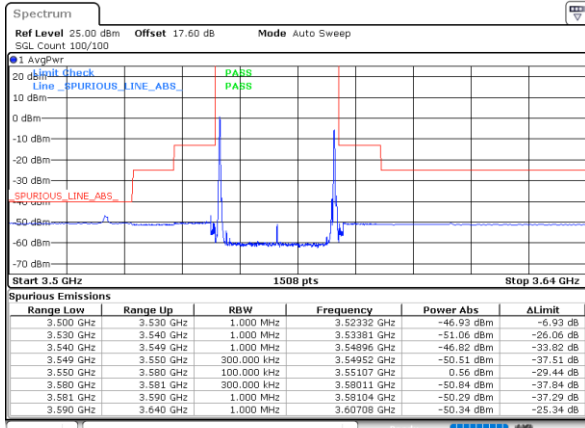




LTE Band 48C / 10MHz+20MHz

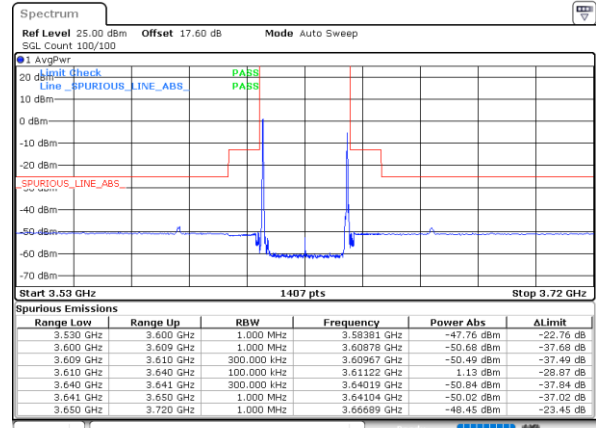
64QAM

Lowest Band Edge / 1RB0 and 1RB99



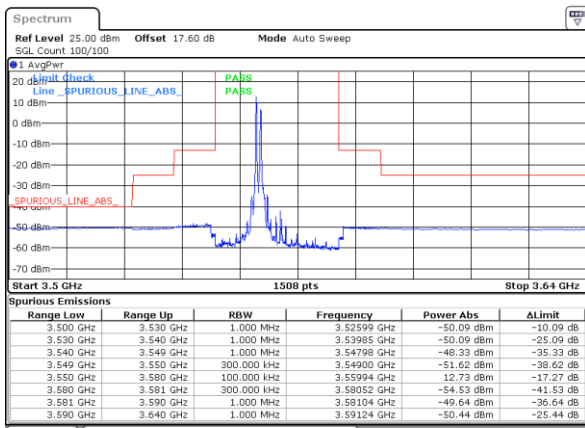
Date: 17.JAN.2021 15:00:14

Middle Band Edge / 1RB0 and 1RB99



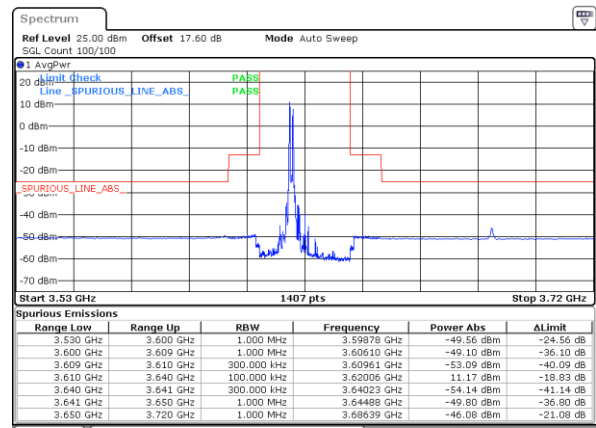
Date: 17.JAN.2021 15:10:39

Lowest Band Edge / 1RB49 and 1RB0



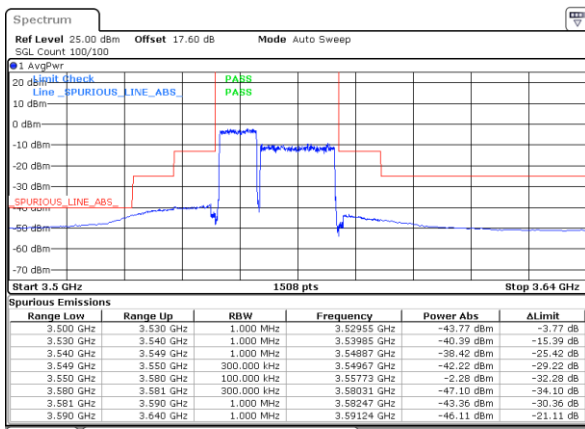
Date: 17.JAN.2021 15:03:15

Middle Band Edge / 1RB49 and 1RB0



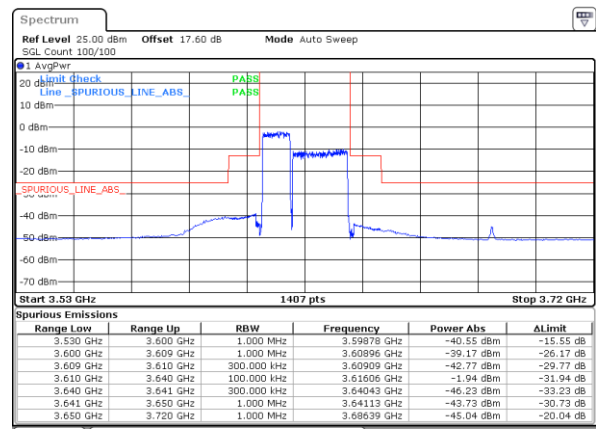
Date: 17.JAN.2021 15:12:56

Lowest Band Edge / Full RB



Date: 17.JAN.2021 14:59:43

Middle Band Edge / Full RB



Date: 17.JAN.2021 15:10:12

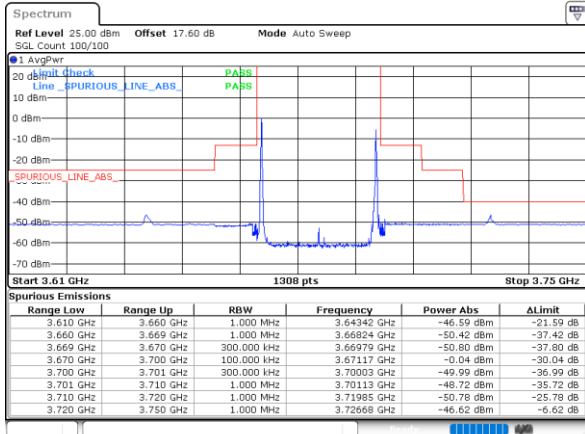


LTE Band 48C / 10MHz+20MHz

64QAM

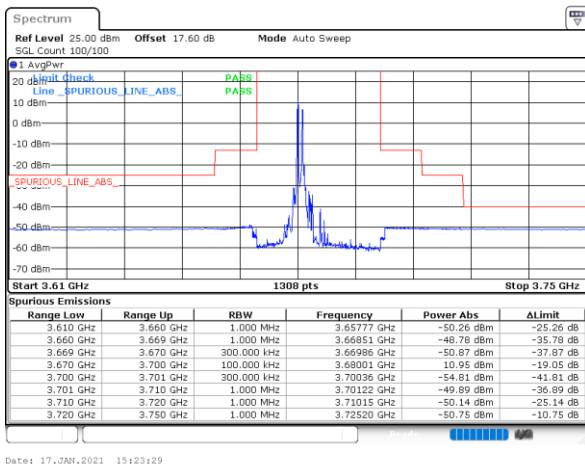
Highest Band Edge / 1RB0 and 1RB99

N/A



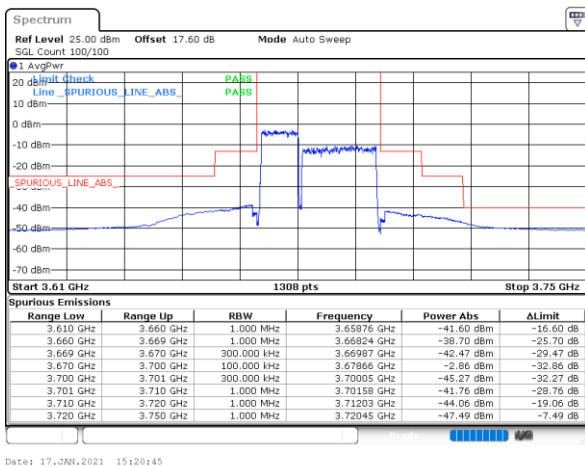
Highest Band Edge / 1RB49 and 1RB0

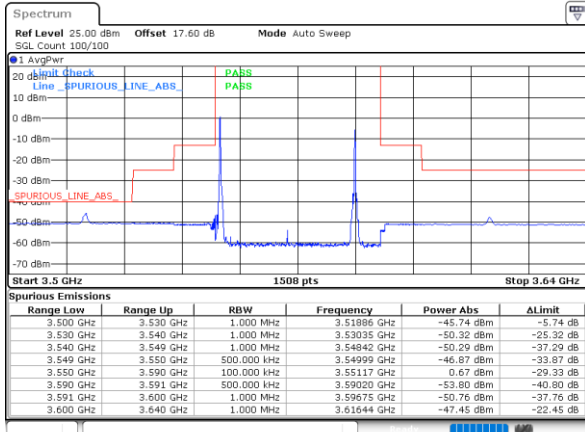
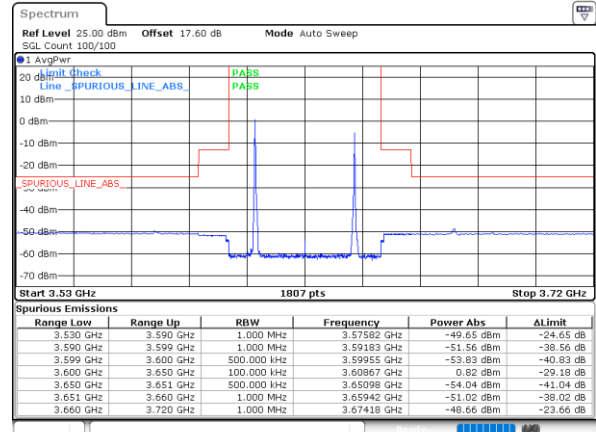
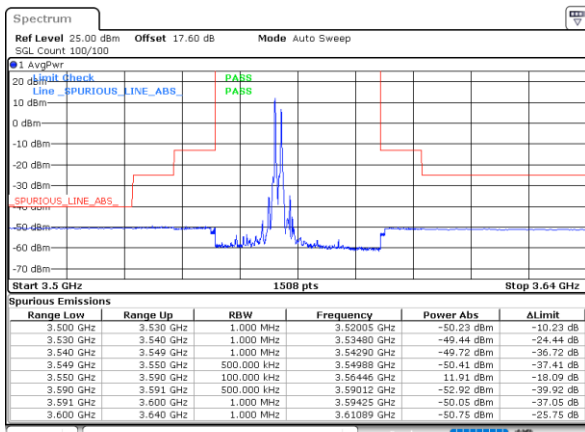
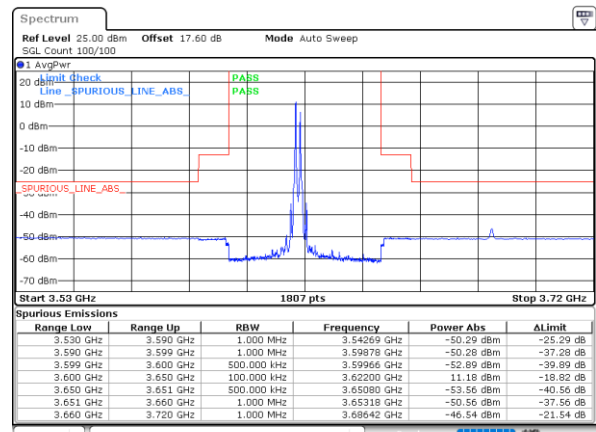
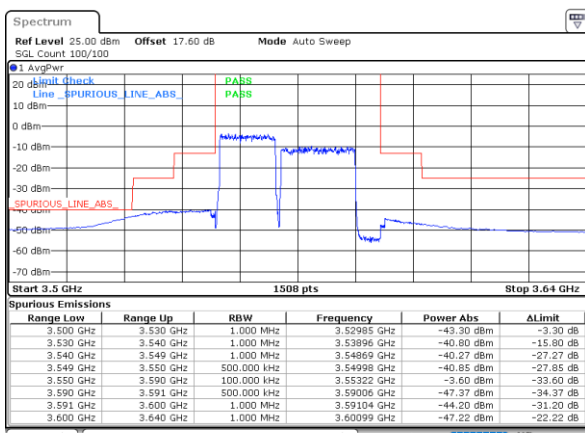
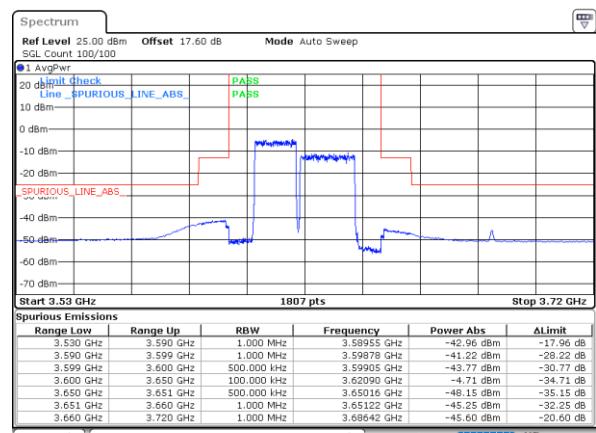
N/A



Highest Band Edge / Full RB

N/A



**LTE Band 48C / 15MHz+20MHz****64QAM****Lowest Band Edge / 1RB0 and 1RB99****Middle Band Edge / 1RB0 and 1RB99****Lowest Band Edge / 1RB74 and 1RB0****Middle Band Edge / 1RB74 and 1RB0****Lowest Band Edge / Full RB****Middle Band Edge / Full RB**

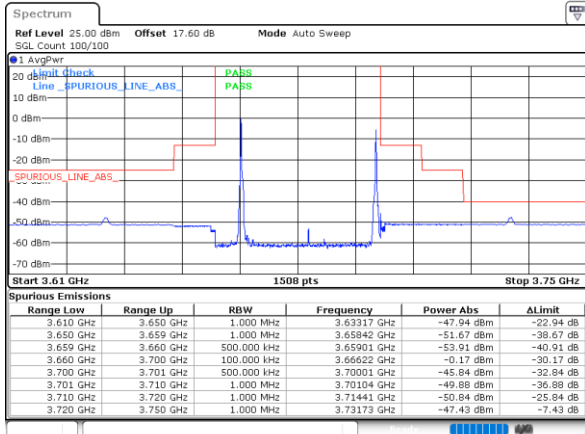


LTE Band 48C / 15MHz+20MHz

64QAM

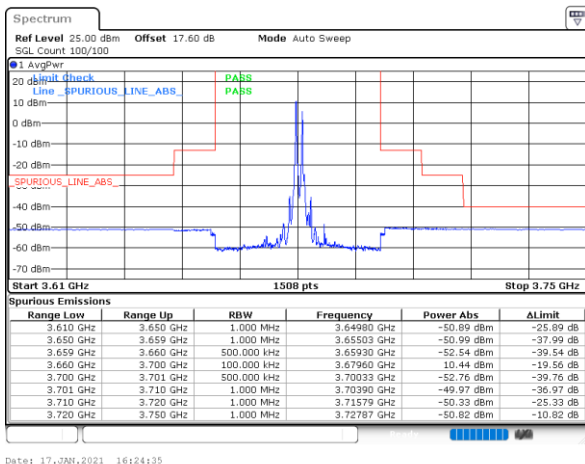
Highest Band Edge / 1RB0 and 1RB99

N/A



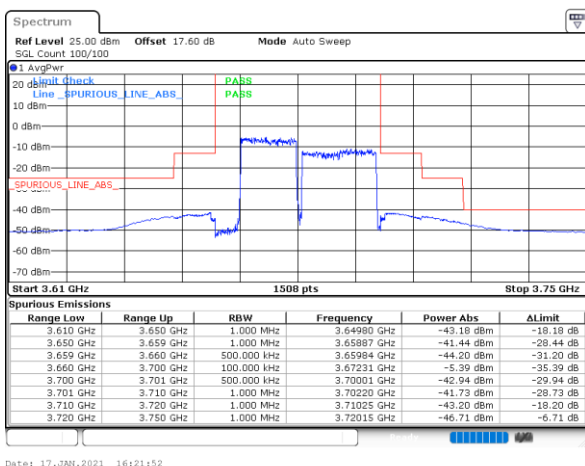
Highest Band Edge / 1RB74 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

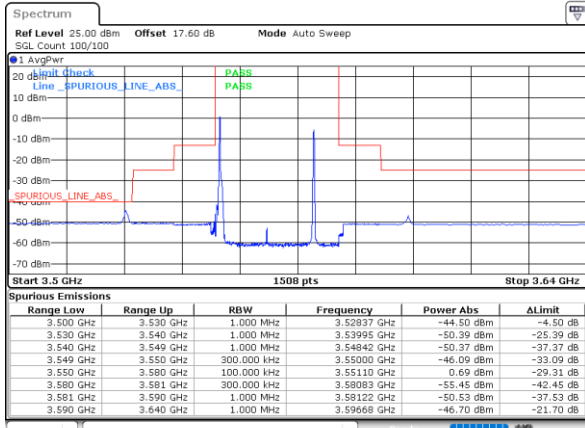




LTE Band 48C/ 20MHz+5MHz

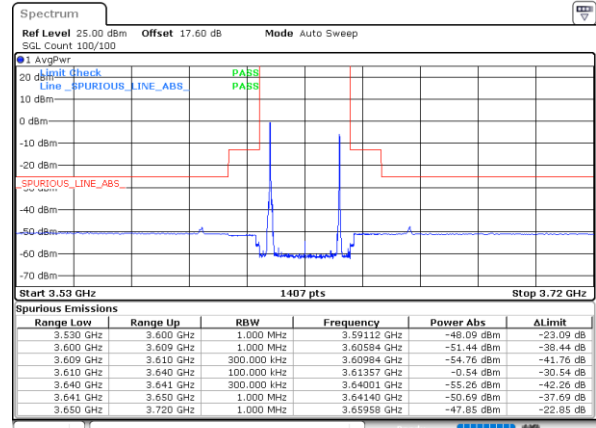
64QAM

Lowest Band Edge / 1RB0 and 1RB24



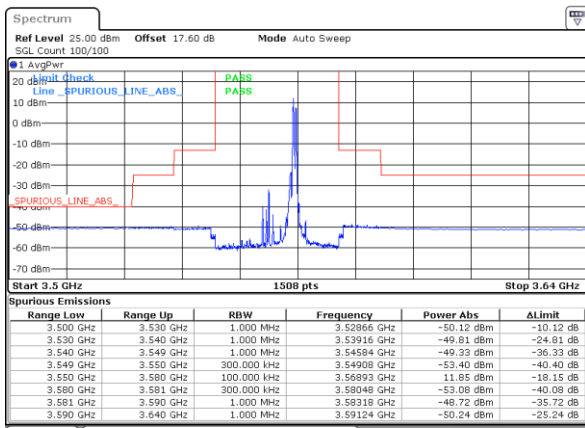
Date: 17.JAN.2021 14:26:56

Middle Band Edge / 1RB0 and 1RB24



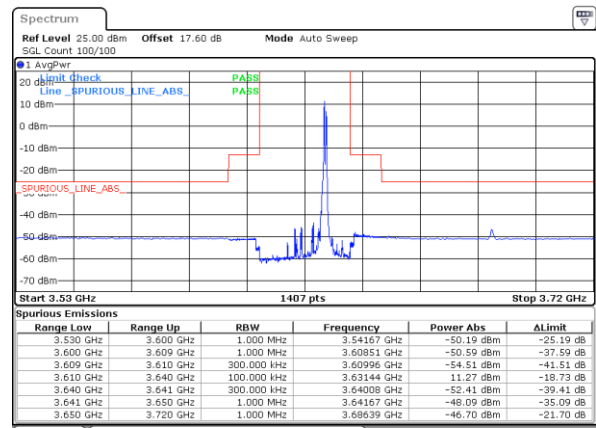
Date: 17.JAN.2021 14:36:10

Lowest Band Edge / 1RB99 and 1RB0



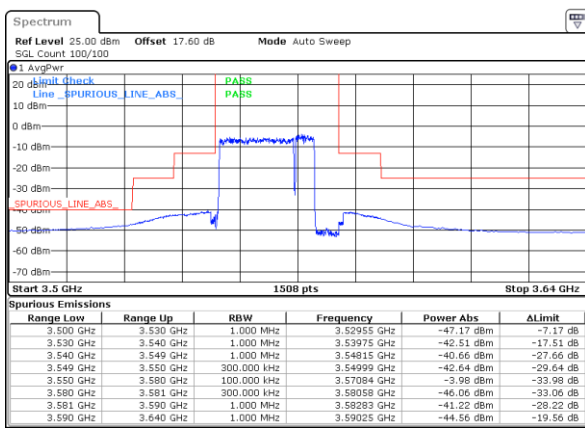
Date: 17.JAN.2021 14:29:12

Middle Band Edge / 1RB99 and 1RB0



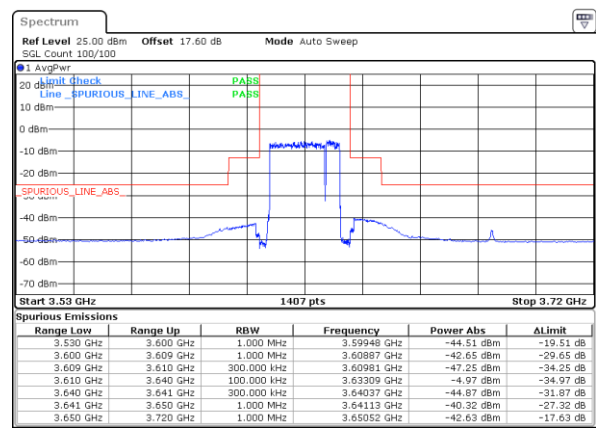
Date: 17.JAN.2021 14:38:26

Lowest Band Edge / Full RB



Date: 17.JAN.2021 14:26:28

Middle Band Edge / Full RB



Date: 17.JAN.2021 14:35:43

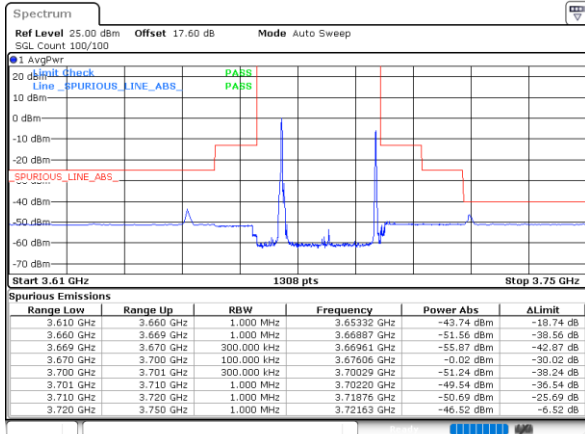


LTE Band 48C / 20MHz+5MHz

64QAM

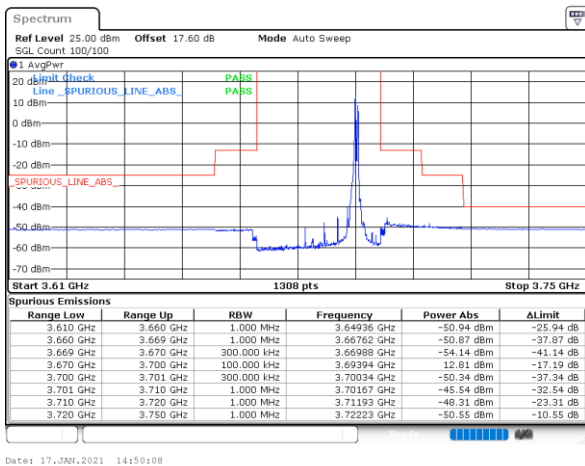
Highest Band Edge / 1RB0 and 1RB24

N/A



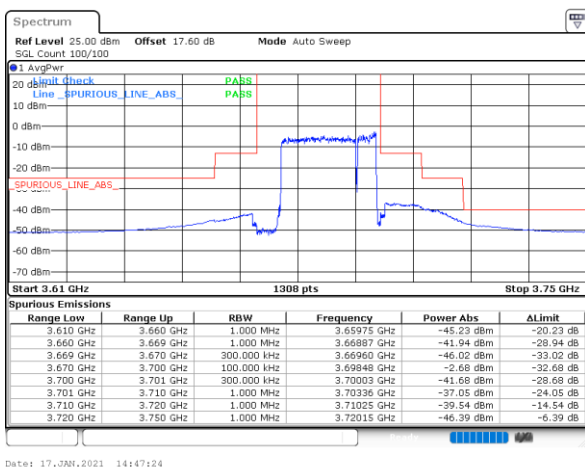
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

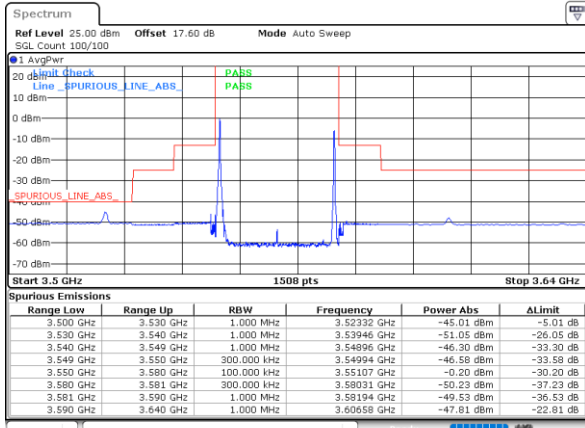




LTE Band 48C / 20MHz+10MHz

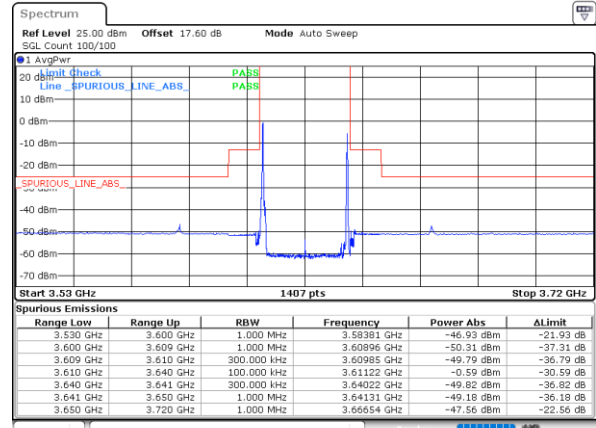
64QAM

Lowest Band Edge / 1RB0 and 1RB49



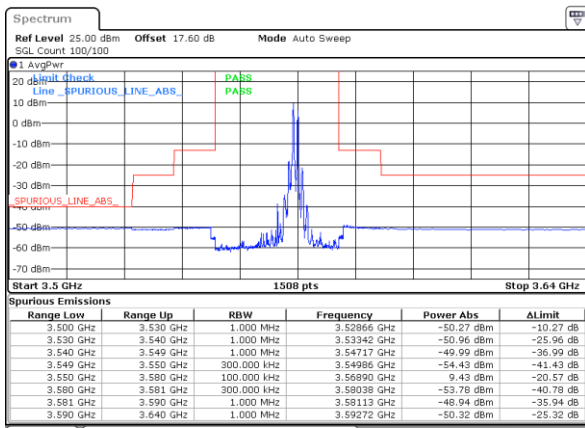
Date: 17.JAN.2021 15:31:32

Middle Band Edge / 1RB0 and 1RB49



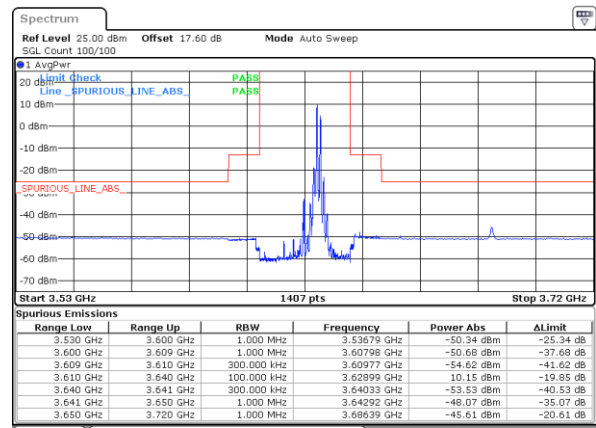
Date: 17.JAN.2021 15:40:24

Lowest Band Edge / 1RB99 and 1RB0



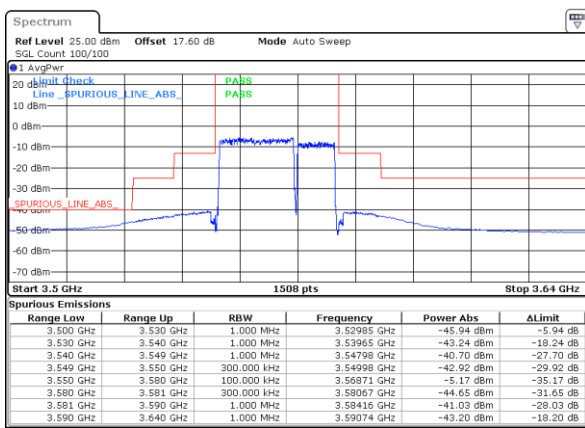
Date: 17.JAN.2021 15:33:49

Middle Band Edge / 1RB99 and 1RB0



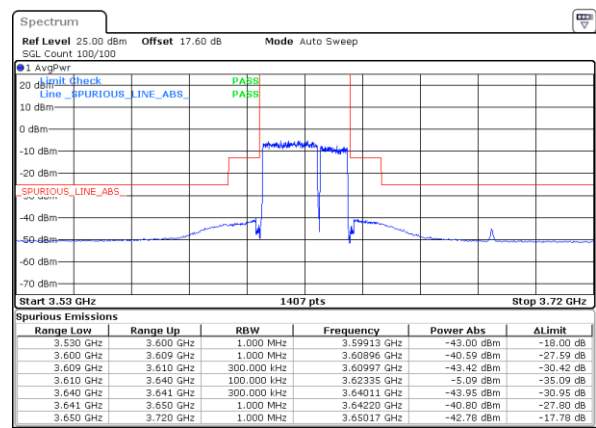
Date: 17.JAN.2021 15:42:40

Lowest Band Edge / Full RB



Date: 17.JAN.2021 15:31:05

Middle Band Edge / Full RB



Date: 17.JAN.2021 15:39:57

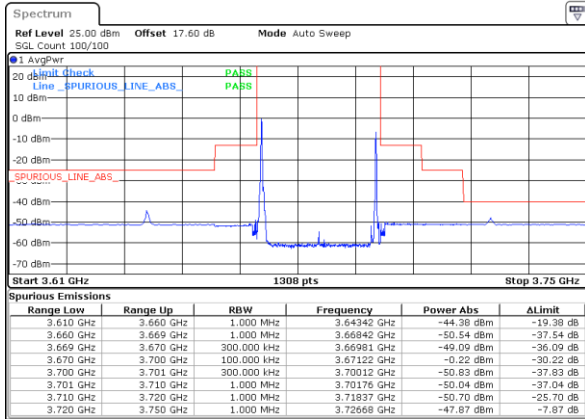


LTE Band 48C / 20MHz+10MHz

64QAM

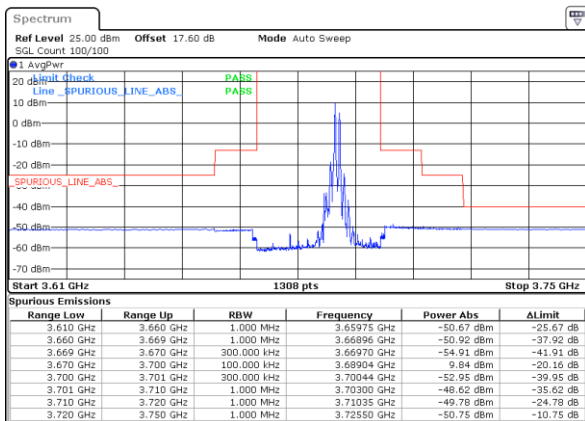
Highest Band Edge / 1RB0 and 1RB49

N/A



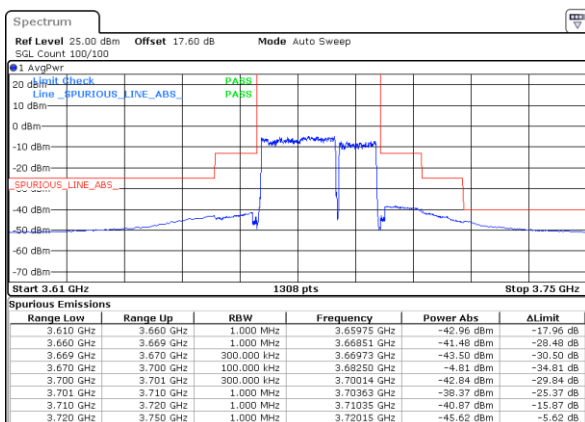
Highest Band Edge / 1RB99 and 1RB0

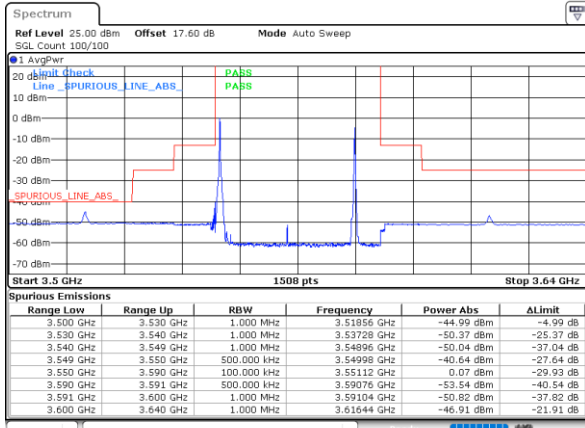
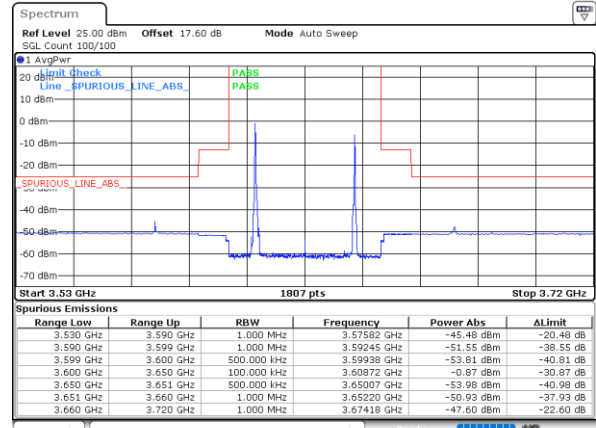
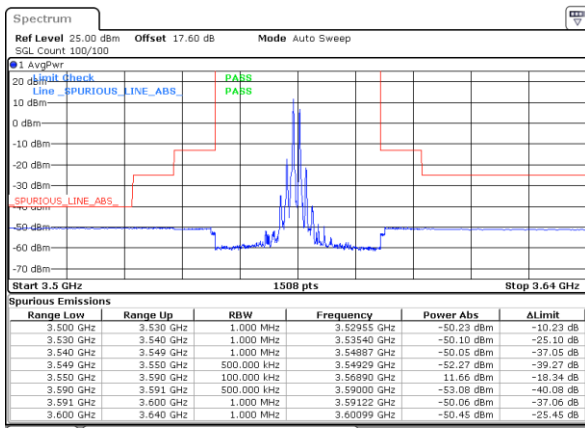
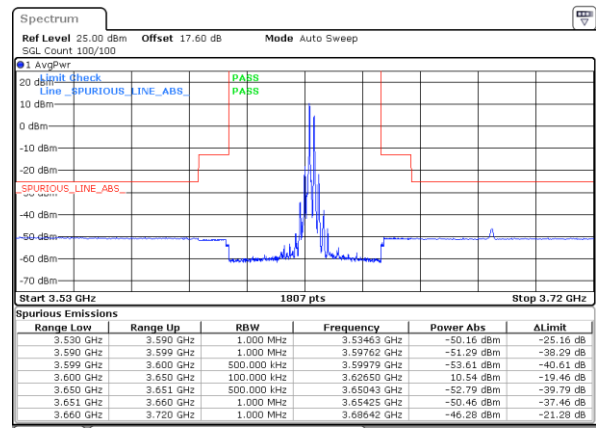
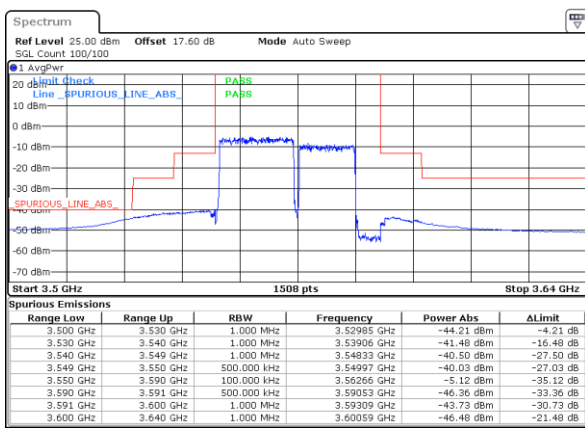
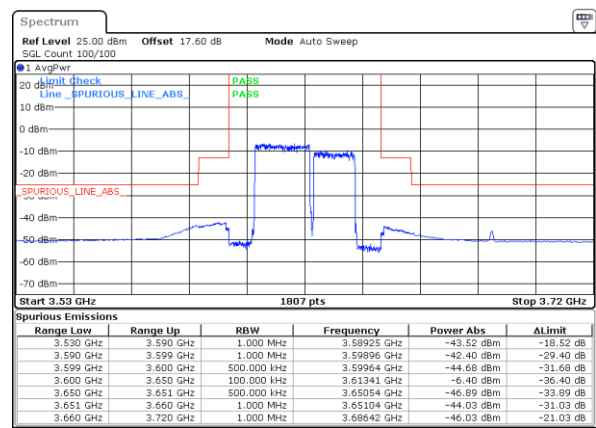
N/A



Highest Band Edge / Full RB

N/A



**LTE Band 48C / 20MHz+15MHz****64QAM****Lowest Band Edge / 1RB0 and 1RB74****Middle Band Edge / 1RB0 and 1RB74****Lowest Band Edge / 1RB99 and 1RB0****Middle Band Edge / 1RB99 and 1RB0****Lowest Band Edge / Full RB****Middle Band Edge / Full RB**

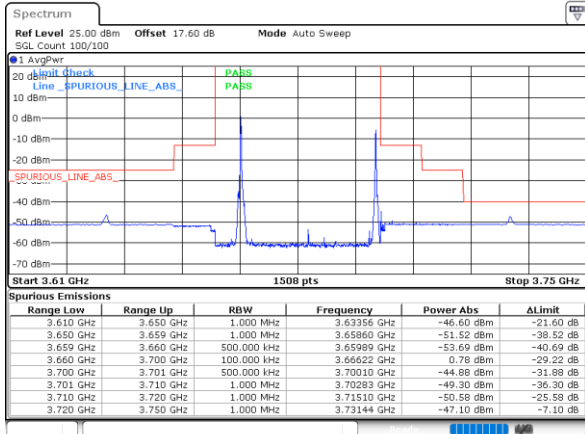


LTE Band 48C / 20MHz+15MHz

64QAM

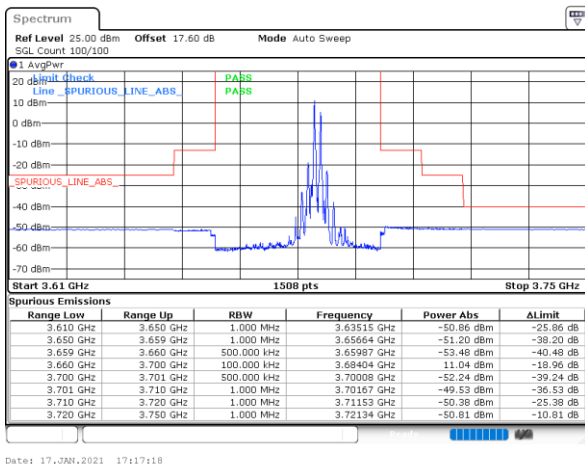
Highest Band Edge / 1RB0 and 1RB74

N/A



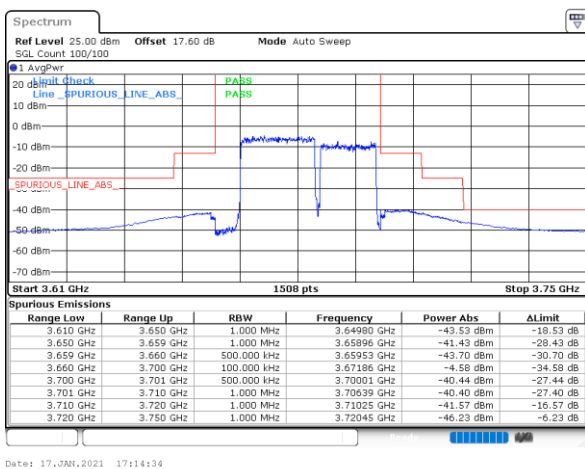
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

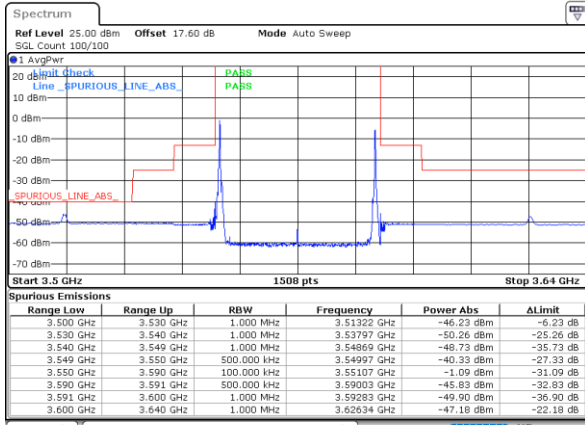




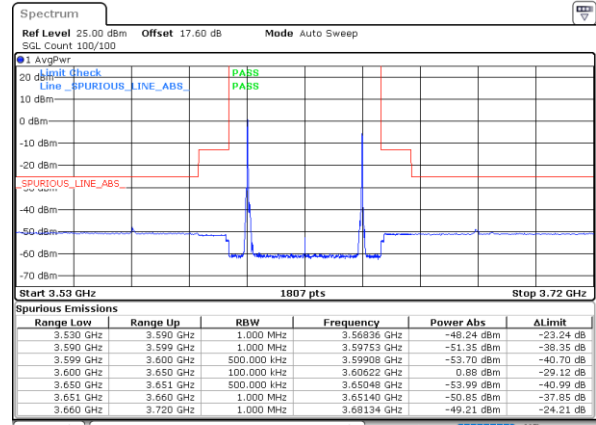
LTE Band 48C / 20MHz+20MHz

64QAM

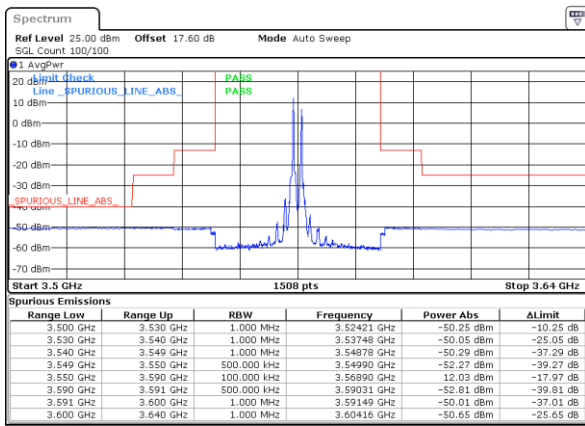
Lowest Band Edge / 1RB0 and 1RB99



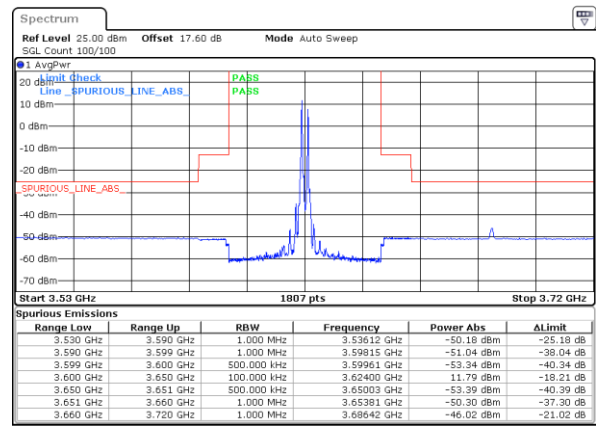
Middle Band Edge / 1RB0 and 1RB99



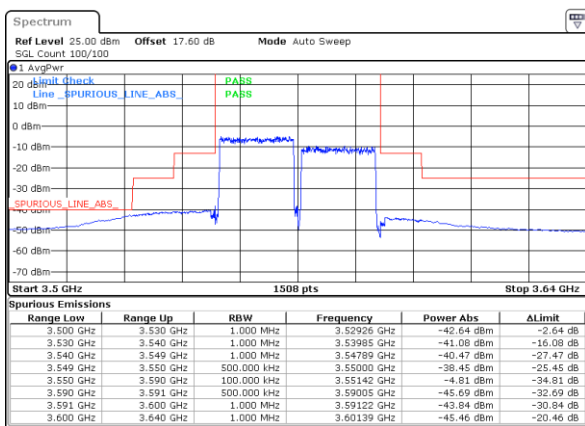
Lowest Band Edge / 1RB99 and 1RB0



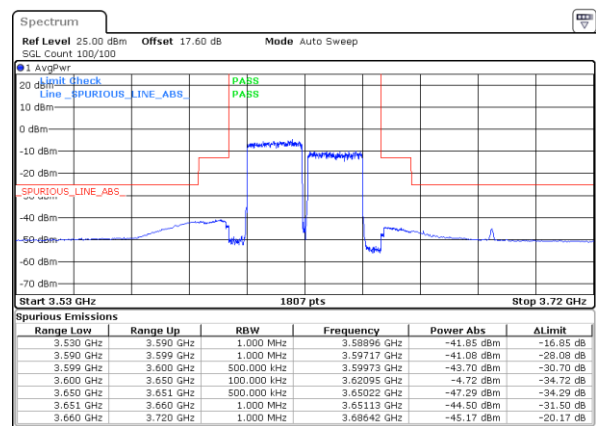
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



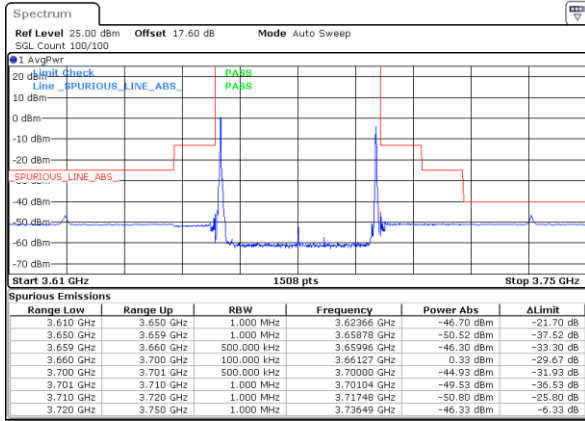


LTE Band 48C / 20MHz+20MHz

64QAM

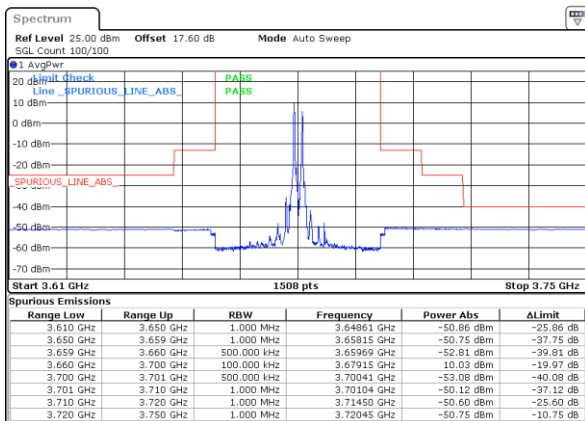
Highest Band Edge / 1RB0 and 1RB99

N/A



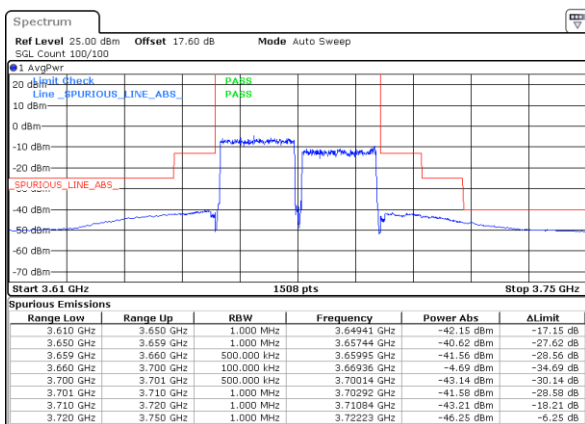
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A





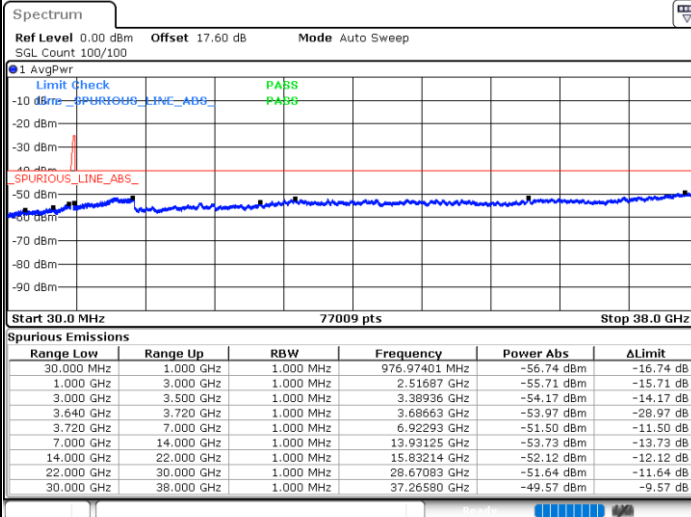
Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

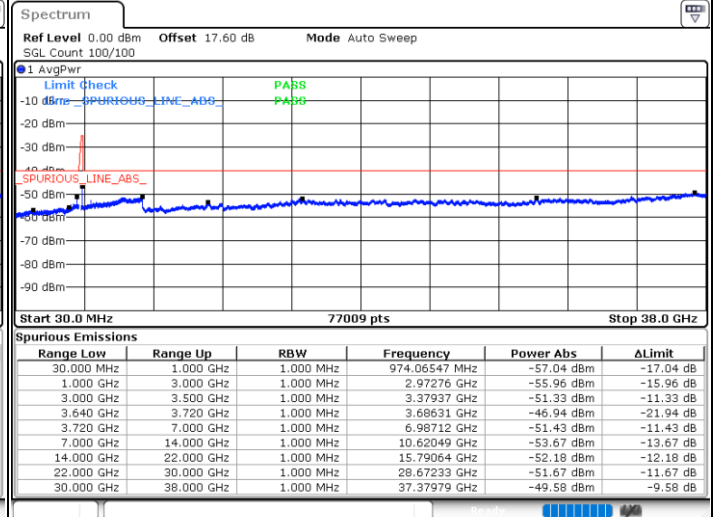
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



Date: 17.JAN.2021 13:51:36



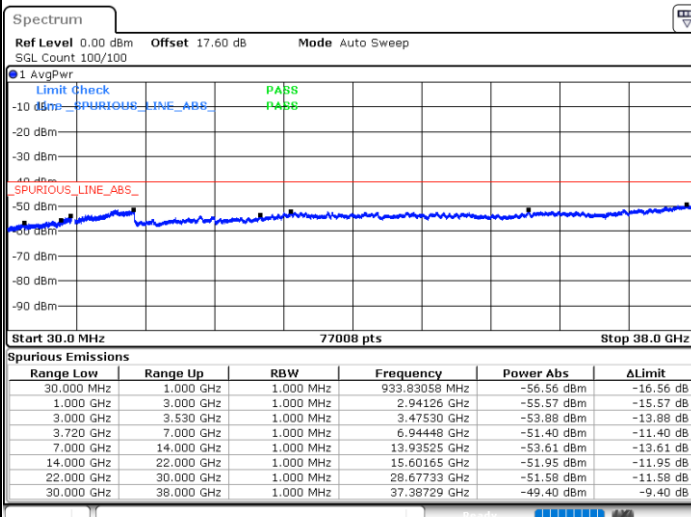
Date: 17.JAN.2021 13:50:19

LTE Band 48C / 5MHz+20MHz

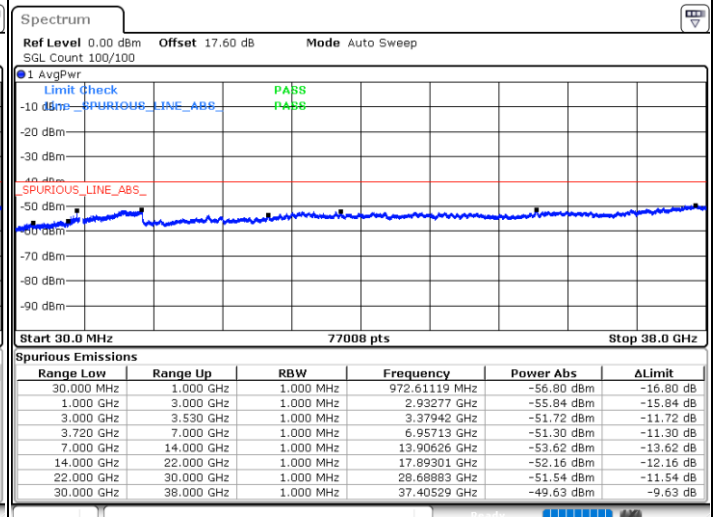
QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



Date: 17.JAN.2021 14:05:43



Date: 17.JAN.2021 14:07:00

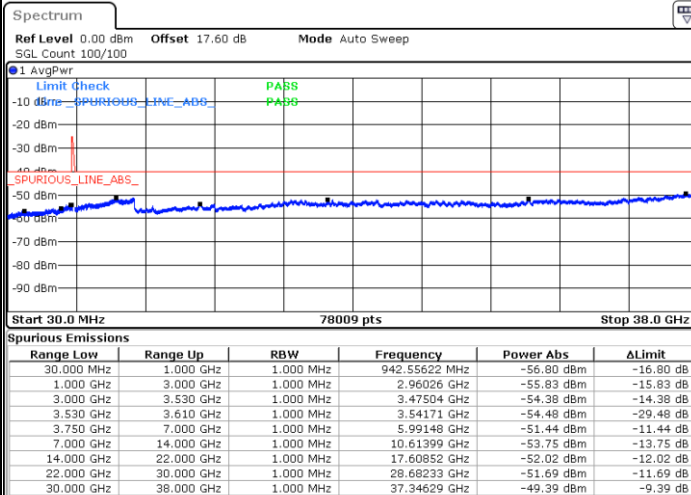


LTE Band 48C / 5MHz+20MHz

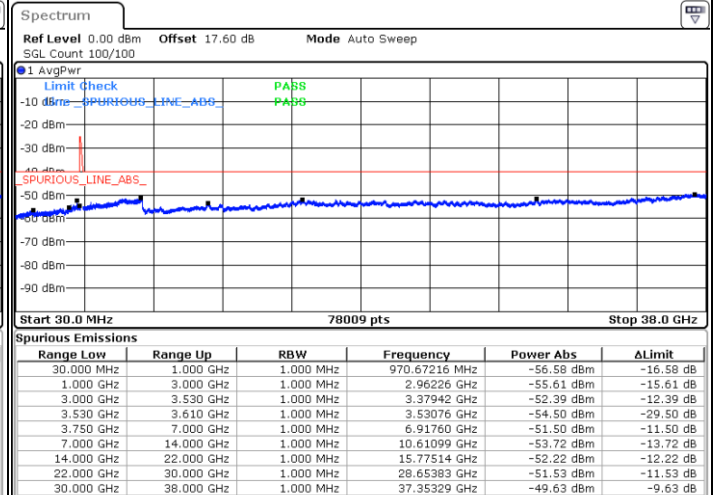
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Date: 17.JAN.2021 14:22:07



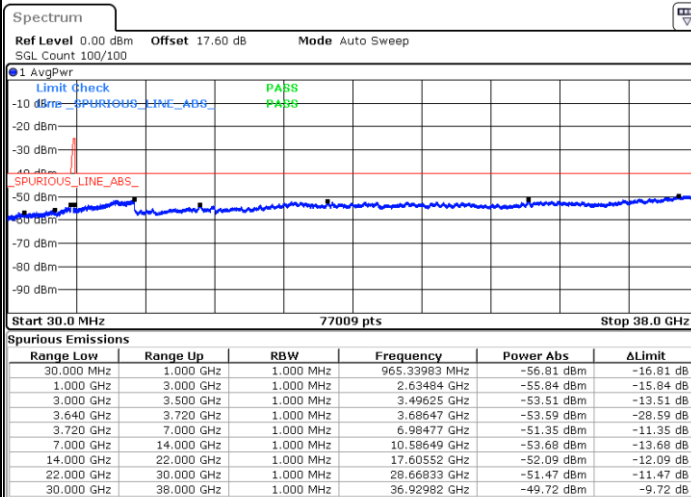
Date: 17.JAN.2021 14:20:50

LTE Band 48C / 10MHz+20MHz

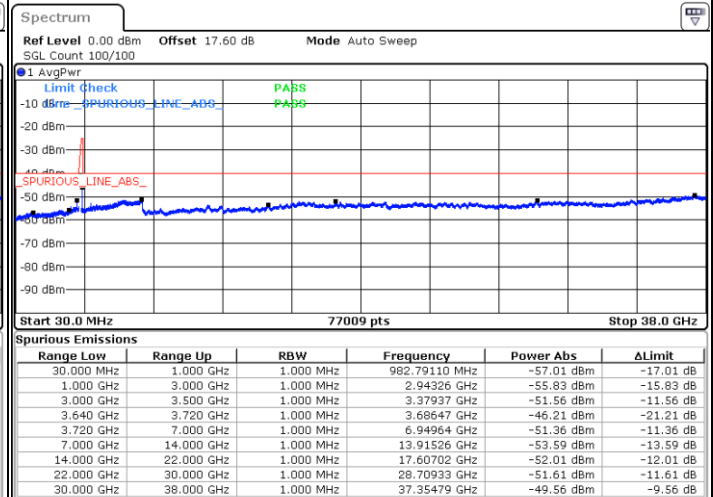
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



Date: 17.JAN.2021 15:05:49



Date: 17.JAN.2021 15:04:32

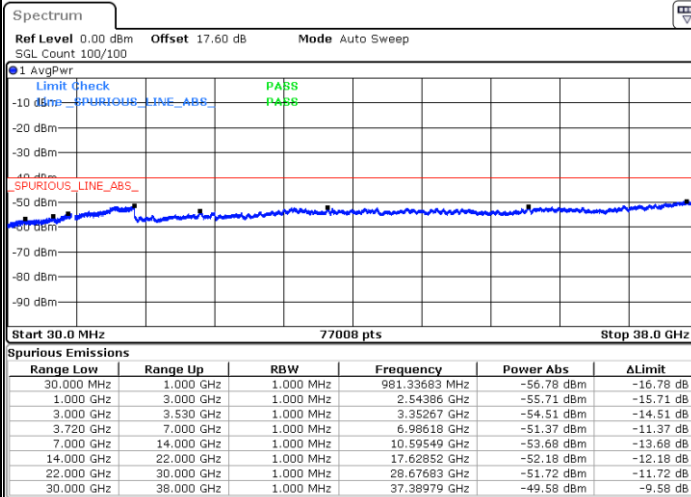


LTE Band 48C / 10MHz+20MHz

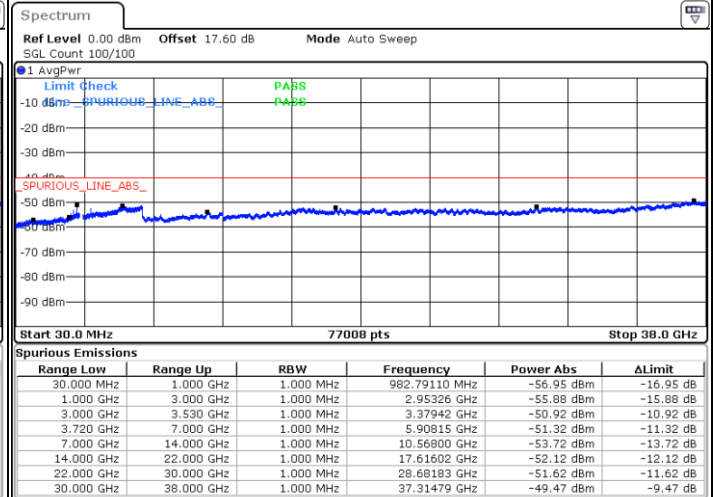
QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 17.JAN.2021 15:14:13



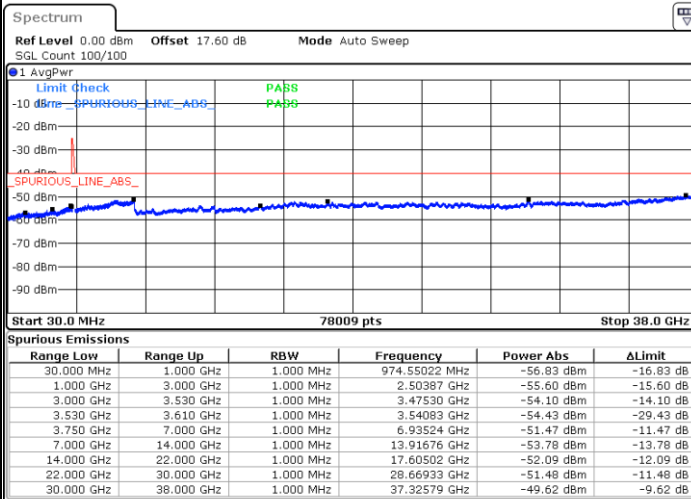
Date: 17.JAN.2021 15:15:30

LTE Band 48C / 10MHz+20MHz

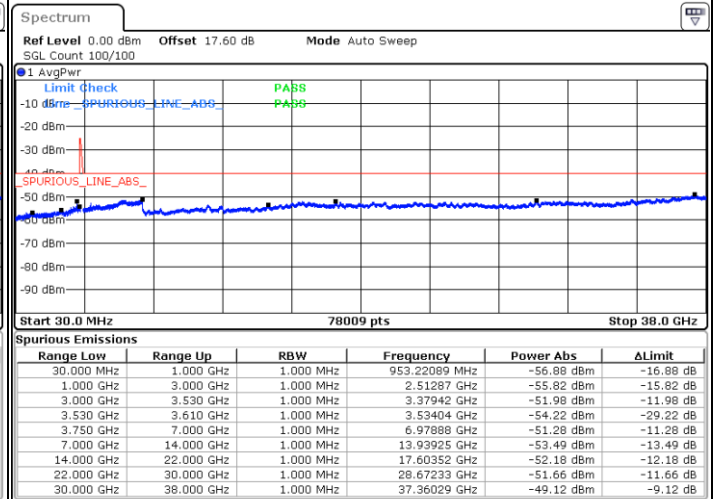
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 17.JAN.2021 15:26:58



Date: 17.JAN.2021 15:25:40

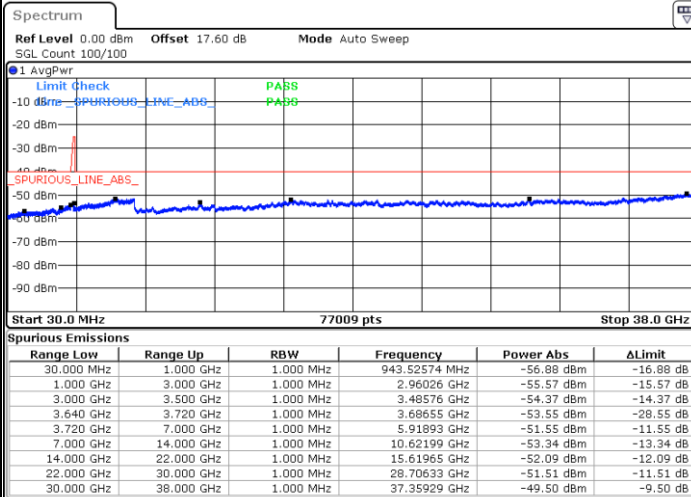


LTE Band 48C / 15MHz+20MHz

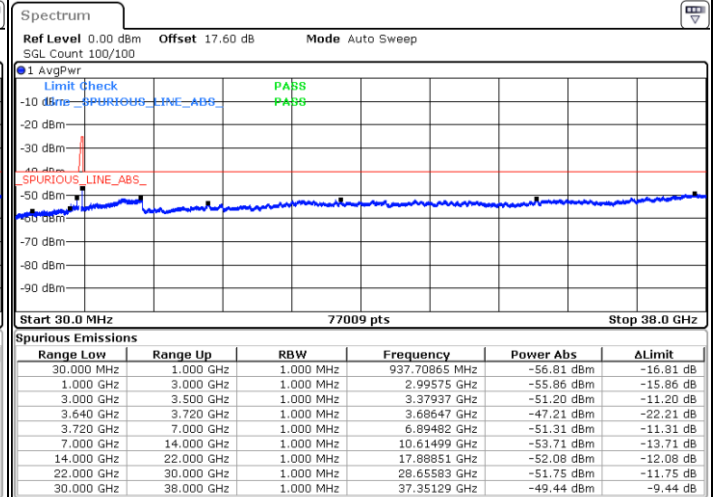
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



Date: 17.JAN.2021 16:06:13



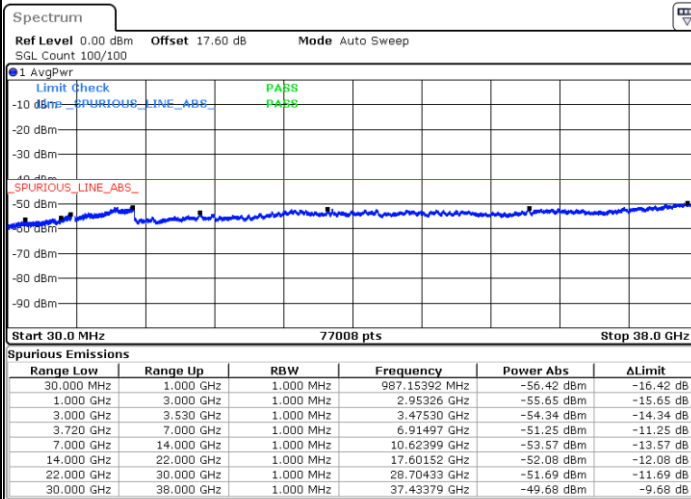
Date: 17.JAN.2021 16:04:56

LTE Band 48C / 15MHz+20MHz

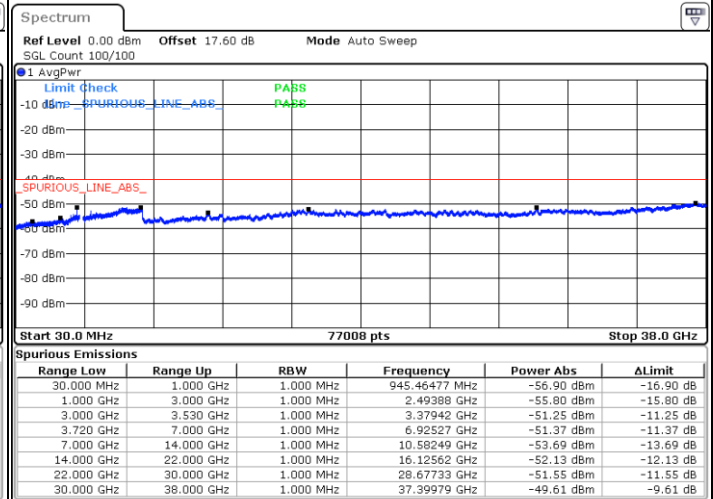
QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 17.JAN.2021 16:15:24



Date: 17.JAN.2021 16:16:41

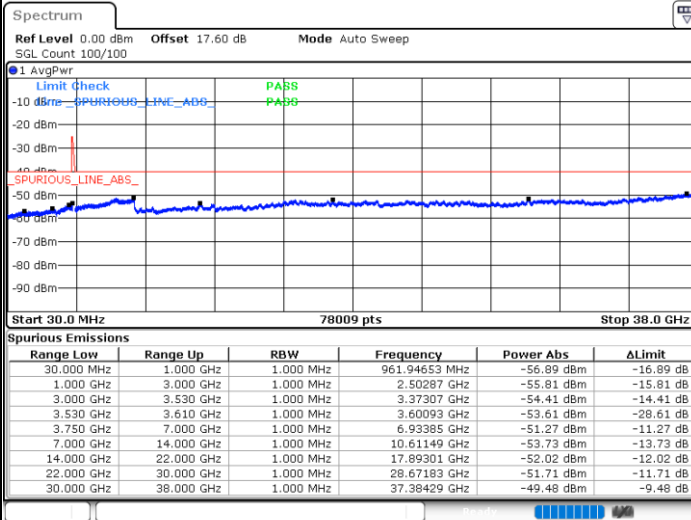


LTE Band 48C / 15MHz+20MHz

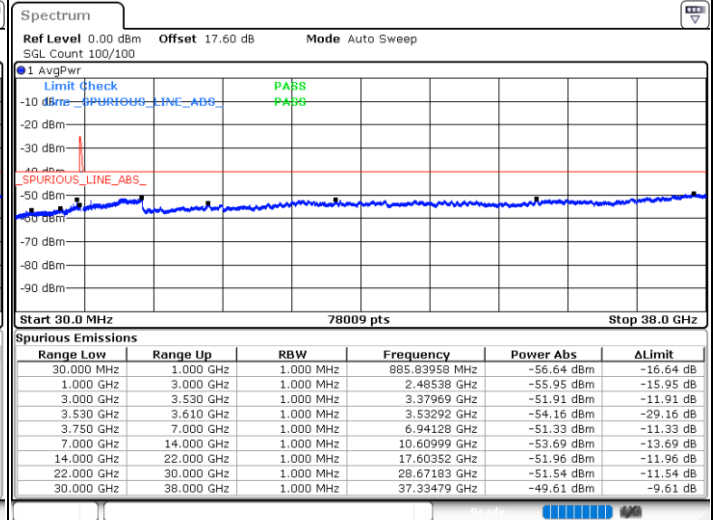
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 17.JAN.2021 16:28:04



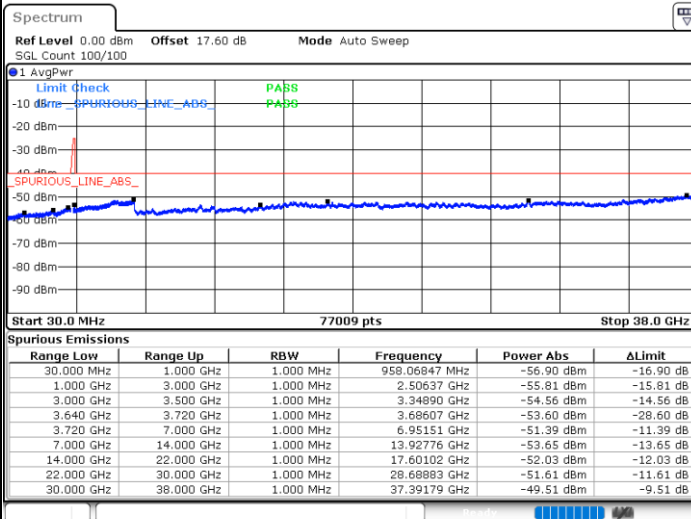
Date: 17.JAN.2021 16:26:47

LTE Band 48C / 20MHz+5MHz

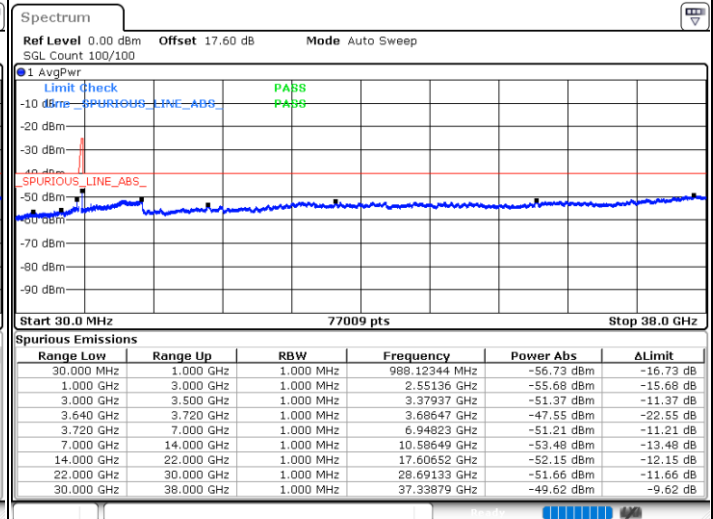
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 14:31:46



Date: 17.JAN.2021 14:30:29

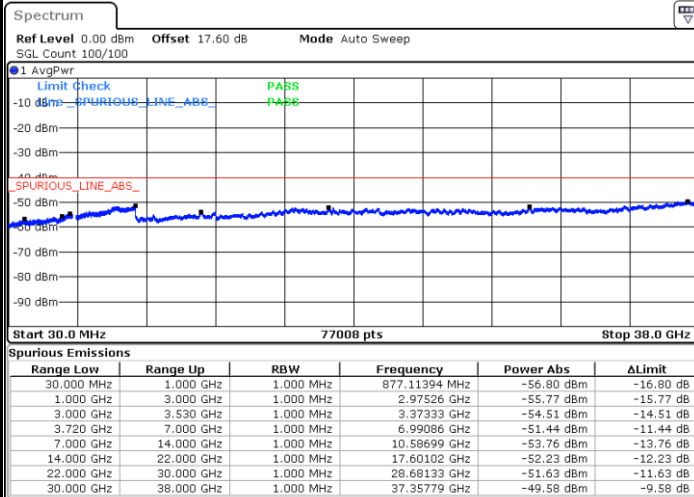


LTE Band 48C / 20MHz+5MHz

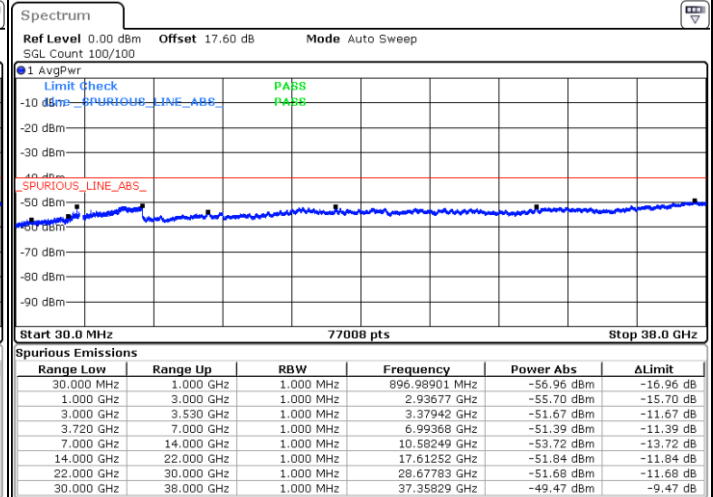
QPSK

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 14:39:43



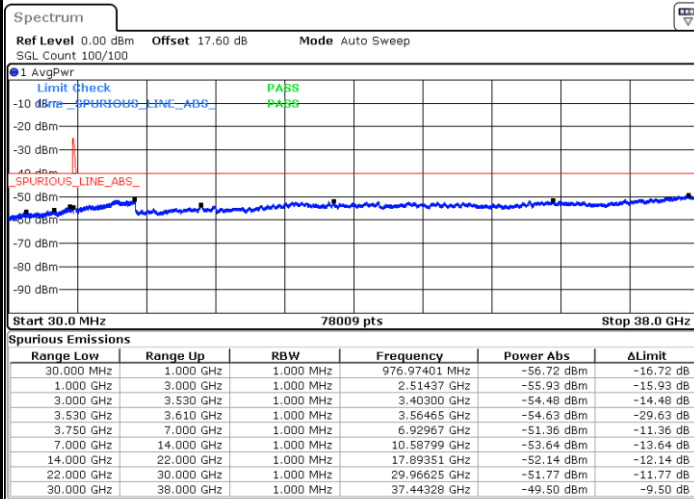
Date: 17.JAN.2021 14:41:00

LTE Band 48C / 20MHz+5MHz

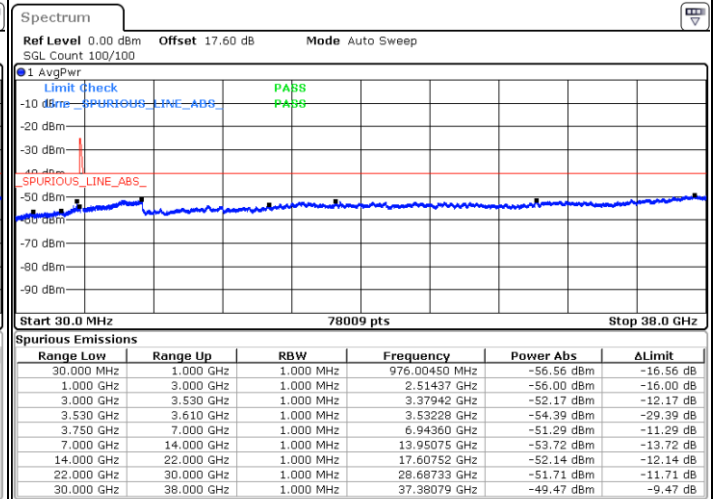
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 14:53:37



Date: 17.JAN.2021 14:52:19

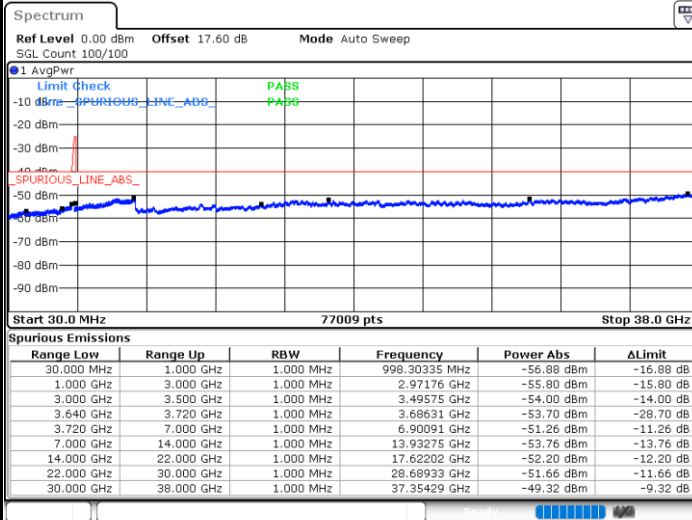


LTE Band 48C / 20MHz+10MHz

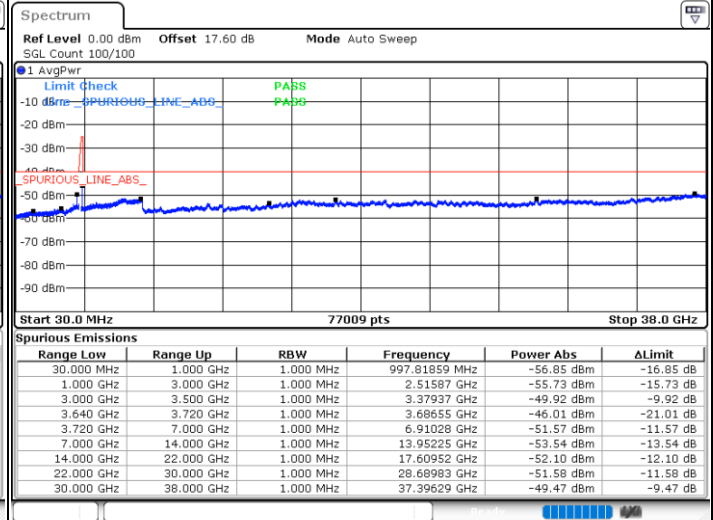
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 15:36:23



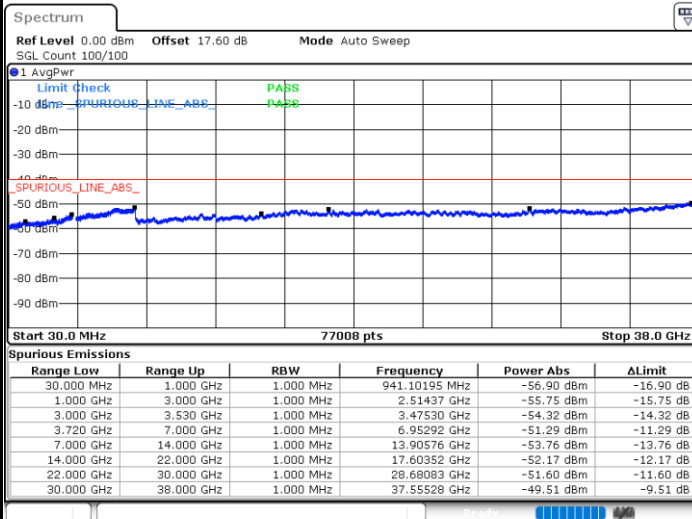
Date: 17.JAN.2021 15:35:06

LTE Band 48C / 20MHz+10MHz

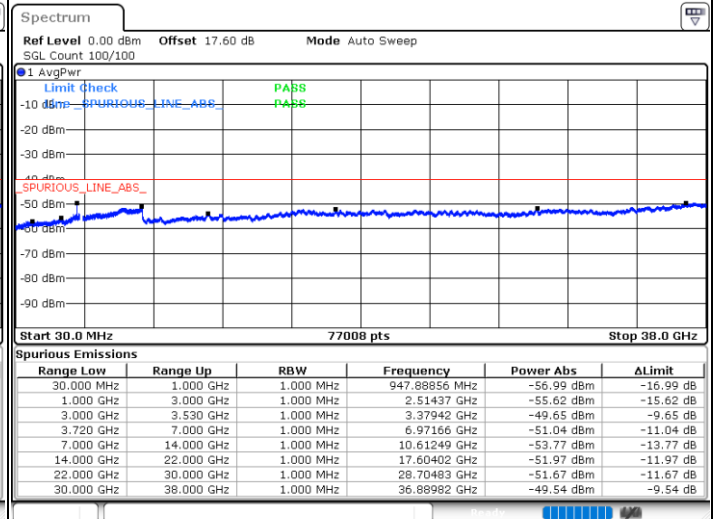
QPSK

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 15:43:57



Date: 17.JAN.2021 15:45:14

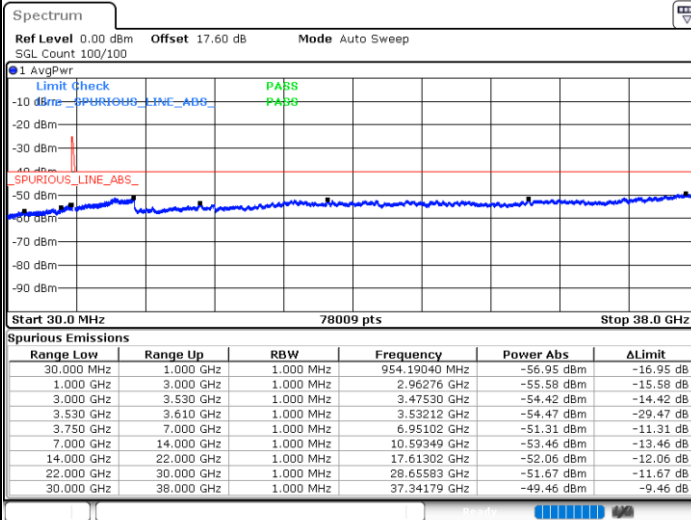


LTE Band 48C / 20MHz+10MHz

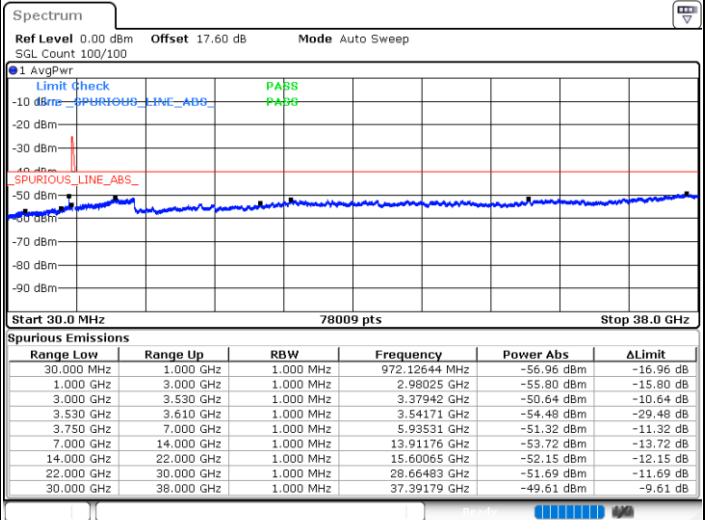
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 15:56:49



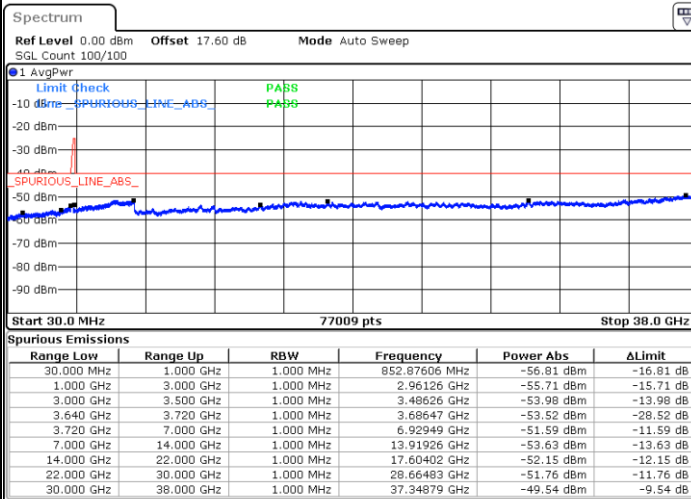
Date: 17.JAN.2021 15:55:32

LTE Band 48C / 20MHz+15MHz

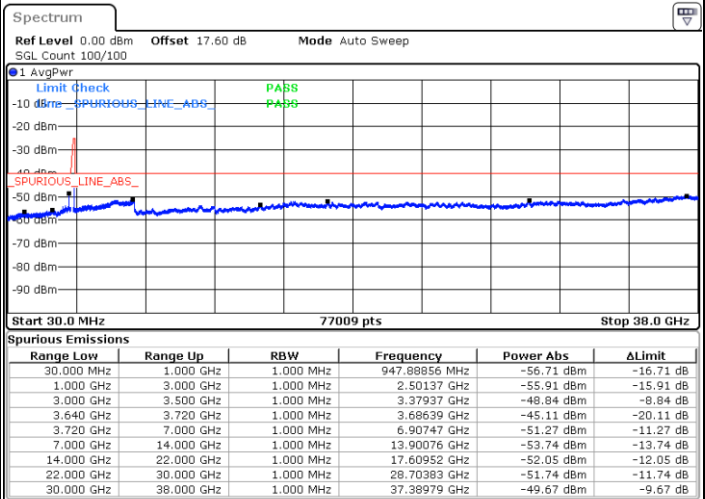
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 16:59:59



Date: 17.JAN.2021 16:58:42

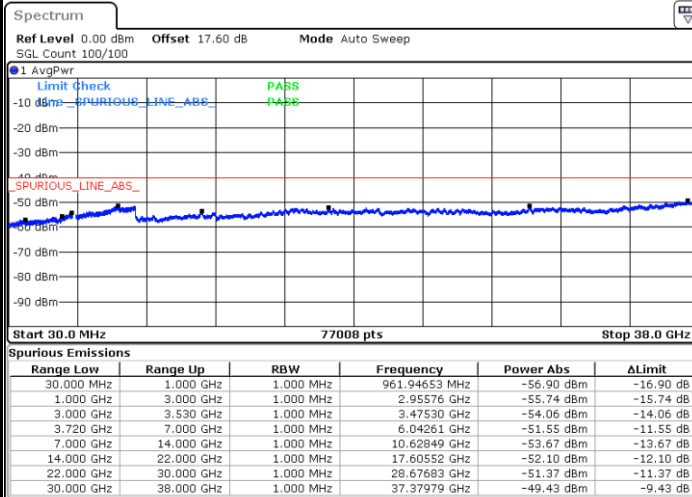


LTE Band 48C / 20MHz+15MHz

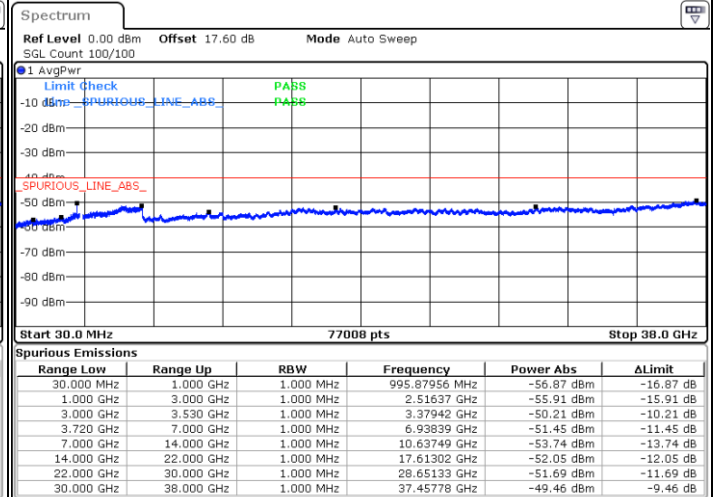
QPSK

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 17:10:43



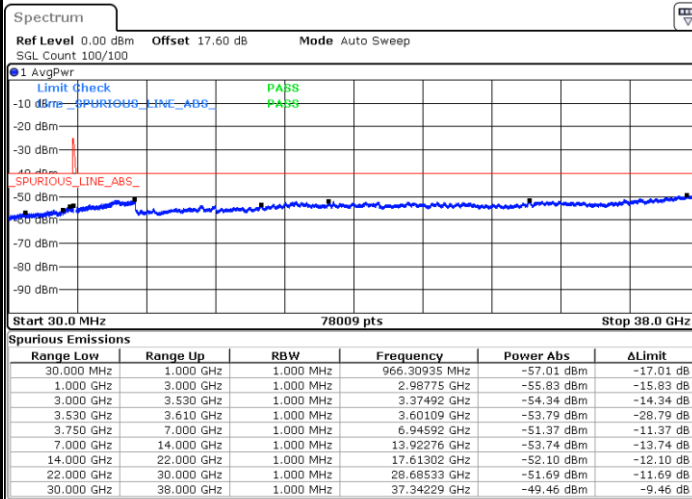
Date: 17.JAN.2021 17:12:00

LTE Band 48C / 20MHz+15MHz

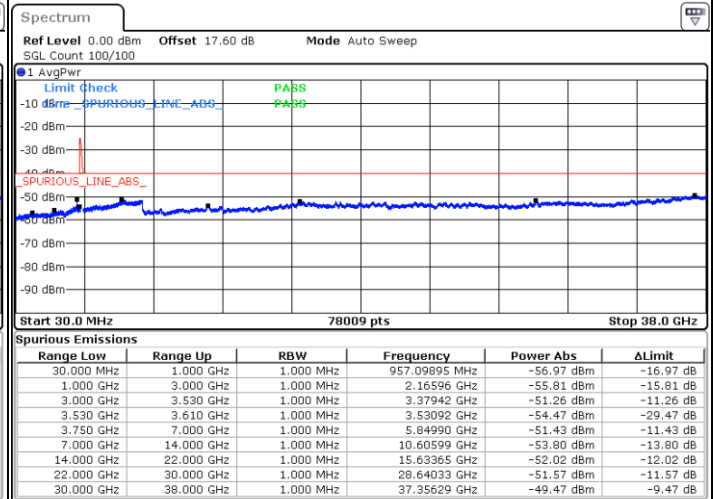
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 17:20:46



Date: 17.JAN.2021 17:19:29

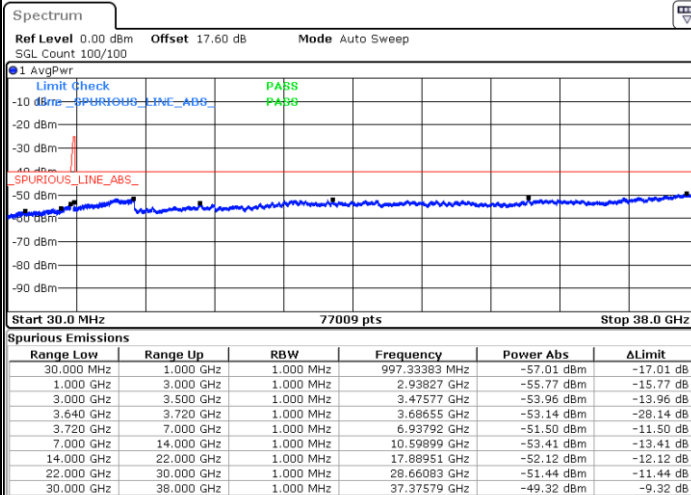


LTE Band 48C / 20MHz+20MHz

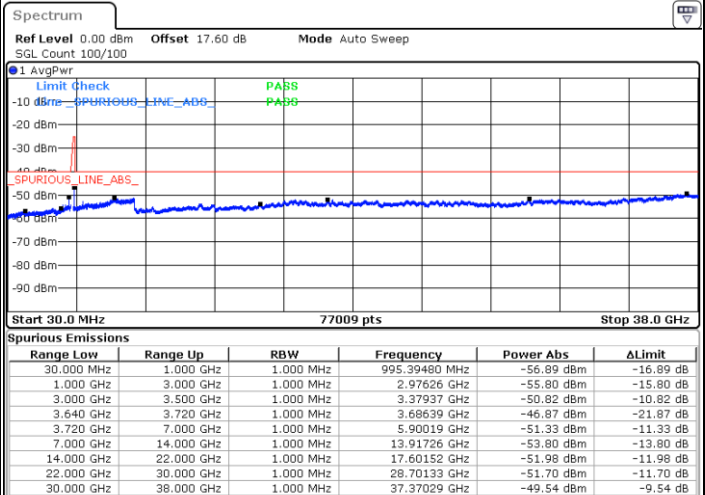
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 17:29:38



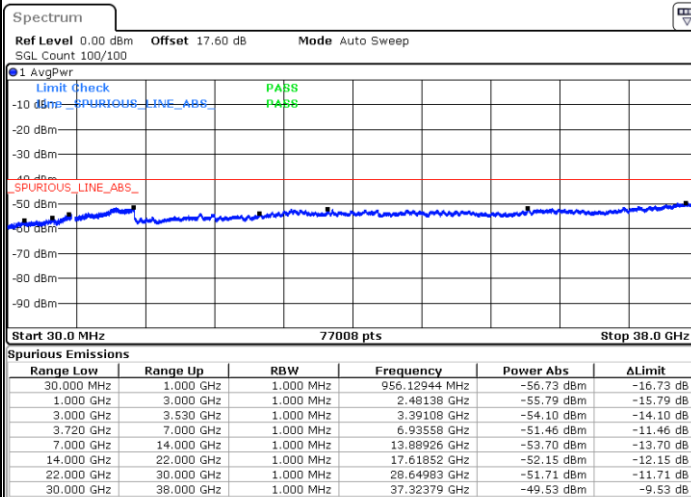
Date: 17.JAN.2021 17:28:21

LTE Band 48C / 20MHz+20MHz

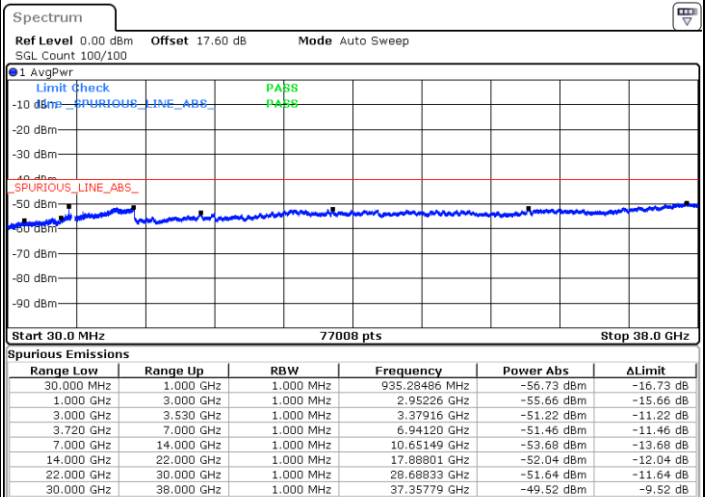
QPSK

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 17:39:34



Date: 17.JAN.2021 17:40:51

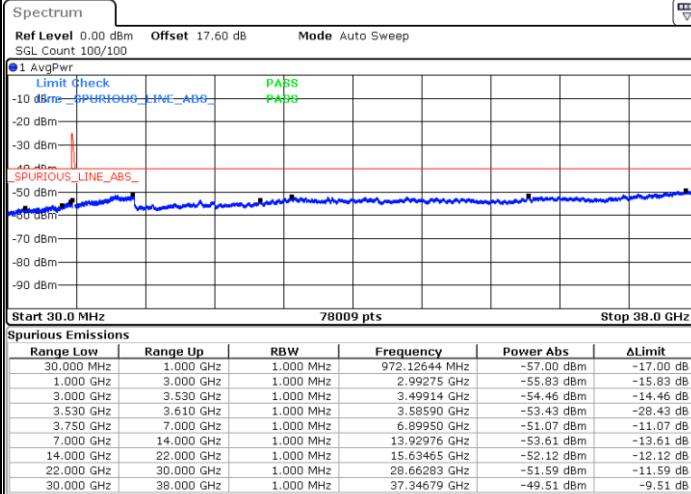


LTE Band 48C / 20MHz+20MHz

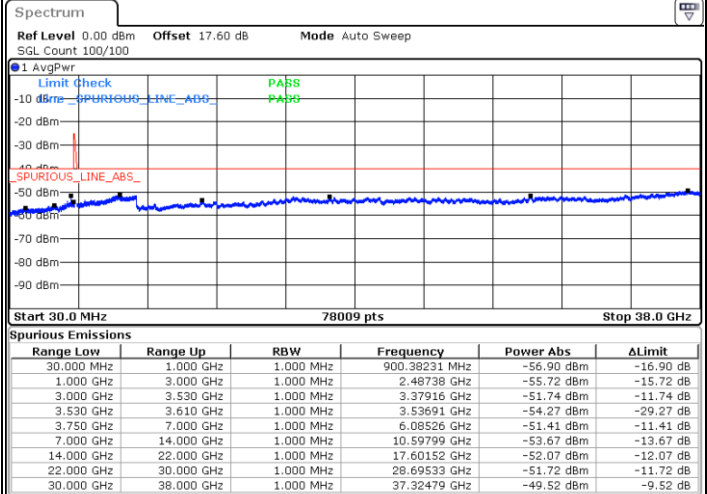
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 17.JAN.2021 18:07:43



Date: 17.JAN.2021 18:06:25



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	-53.93	-40	-13.93	-55.9	-63.90	1.77	11.74	H
	10655	-54.86	-40	-14.86	-57.14	-63.29	2.47	10.90	H
	14205	-55.50	-40	-15.50	-62.56	-64.34	2.87	11.71	H
	21307	-49.67	-40	-9.67	-71.53	-66.39	1.98	18.70	H
	24858	-51.45	-40	-11.45	-76.11	-67.46	2.07	18.07	H
	28409	-50.25	-40	-10.25	-75.77	-67.50	2.32	19.56	H
									H
	7100	-57.13	-40	-17.13	-58.71	-67.10	1.77	11.74	V
	10655	-51.89	-40	-11.89	-53.91	-60.32	2.47	10.90	V
	14205	-56.86	-40	-16.86	-63.64	-65.70	2.87	11.71	V
	21307	-52.79	-40	-12.79	-74.51	-69.51	1.98	18.70	V
	24858	-50.69	-40	-10.69	-76.56	-66.70	2.07	18.07	V
	28409	-48.41	-40	-8.41	-75.75	-65.66	2.32	19.56	V
									V
Middle	7230	-53.55	-40	-13.55	-55.92	-63.24	1.84	11.53	H
	10850	-52.41	-40	-12.41	-54.74	-60.74	2.57	10.90	H
	14462	-56.88	-40	-16.88	-64.15	-65.12	2.85	11.09	H
	18080	-52.68	-40	-12.68	-70.79	-68.91	1.76	17.98	H
	21696	-52.20	-40	-12.20	-73.72	-68.99	1.99	18.78	H
	25312	-51.22	-40	-11.22	-76.38	-67.82	2.14	18.74	H
									H
	7230	-57.98	-40	-17.98	-60.09	-67.67	1.84	11.53	V
	10850	-55.90	-40	-15.90	-58.02	-64.23	2.57	10.90	V
	14462	-57.72	-40	-17.72	-64.17	-65.96	2.85	11.09	V
	18080	-54.47	-40	-14.47	-71.65	-70.70	1.76	17.98	V
	21696	-52.81	-40	-12.81	-74.32	-69.60	1.99	18.78	V
	25312	-50.01	-40	-10.01	-76.43	-66.61	2.14	18.74	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	-55.58	-40	-15.58	-57.92	-64.99	1.91	11.32	H
	11045	-58.58	-40	-18.58	-61.06	-66.90	2.63	10.95	H
	14724	-56.03	-40	-16.03	-64.87	-64.83	2.91	11.72	H
	18410	-54.95	-40	-14.95	-73.26	-71.00	1.87	17.92	H
	22086	-50.63	-40	-10.63	-72.8	-67.42	2.08	18.87	H
	25767	-50.79	-40	-10.79	-76.78	-67.81	2.03	19.05	H
									H
	7360	-58.71	-40	-18.71	-60.86	-68.12	1.91	11.32	V
	11045	-58.52	-40	-18.52	-60.83	-66.84	2.63	10.95	V
	14724	-58.34	-40	-18.34	-65.51	-67.14	2.91	11.72	V
	18410	-55.18	-40	-15.18	-72.62	-71.23	1.87	17.92	V
	22086	-51.98	-40	-11.98	-74.15	-68.77	2.08	18.87	V
	25767	-49.90	-40	-9.90	-77.08	-66.92	2.03	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)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7140	-47.93	-40	-7.93	-50.06	-57.81	1.80	11.68	H
	10706	-48.74	-40	-8.74	-51.03	-57.14	2.50	10.90	H
	14279	-54.04	-40	-14.04	-61.15	-62.71	2.86	11.53	H
	21418	-50.72	-40	-10.72	-72.27	-67.47	1.95	18.70	H
	24981	-51.45	-40	-11.45	-76.11	-67.64	2.08	18.27	H
	28556	-50.42	-40	-10.42	-75.9	-67.64	2.31	19.53	H
									H
	7140	-56.22	-40	-16.22	-58	-66.10	1.80	11.68	V
	10706	-52.95	-40	-12.95	-55	-61.35	2.50	10.90	V
	14279	-56.10	-40	-16.10	-62.78	-64.77	2.86	11.53	V
	21418	-51.73	-40	-11.73	-73.22	-68.48	1.95	18.70	V
	24981	-50.67	-40	-10.67	-76.48	-66.86	2.08	18.27	V
	28556	-48.70	-40	-8.70	-76.05	-65.92	2.31	19.53	V
									V
Middle	7250	-49.86	-40	-9.86	-52.22	-59.51	1.86	11.50	H
	10870	-48.39	-40	-8.39	-50.72	-56.71	2.58	10.90	H
	14498	-54.15	-40	-14.15	-61.45	-62.30	2.85	11.00	H
	18122	-53.41	-40	-13.41	-71.55	-69.61	1.77	17.98	H
	21751	-49.05	-40	-9.05	-70.62	-65.84	2.01	18.80	H
	25370	-51.02	-40	-11.02	-76.27	-67.69	2.15	18.82	H
									H
	7250	-55.81	-40	-15.81	-57.92	-65.46	1.86	11.50	V
	10870	-54.25	-40	-14.25	-56.38	-62.57	2.58	10.90	V
	14498	-57.55	-40	-17.55	-63.95	-65.70	2.85	11.00	V
	18122	-54.41	-40	-14.41	-71.63	-70.61	1.77	17.98	V
	21751	-51.53	-40	-11.53	-73.09	-68.32	2.01	18.80	V
	25370	-49.79	-40	-9.79	-76.33	-66.46	2.15	18.82	V
									V



LTE Band 48C / 20MHz+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	-50.82	-40	-10.82	-53.16	-60.23	1.91	11.32	H
	11037	-55.89	-40	-15.89	-58.34	-64.20	2.63	10.94	H
	14718	-55.63	-40	-15.63	-64.42	-64.42	2.91	11.70	H
	18399	-53.91	-40	-13.91	-72.22	-69.96	1.87	17.92	H
	22084	-48.46	-40	-8.46	-70.62	-65.25	2.08	18.87	H
	25758	-50.86	-40	-10.86	-76.83	-67.88	2.04	19.05	H
									H
	7360	-56.58	-40	-16.58	-58.73	-65.99	1.91	11.32	V
	11037	-58.56	-40	-18.56	-60.84	-66.87	2.63	10.94	V
	14718	-58.18	-40	-18.18	-65.33	-66.97	2.91	11.70	V
	18399	-55.50	-40	-15.50	-72.93	-71.55	1.87	17.92	V
	22084	-49.36	-40	-9.36	-71.52	-66.15	2.08	18.87	V
	25758	-49.37	-40	-9.37	-76.53	-66.39	2.04	19.05	V
									V

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