

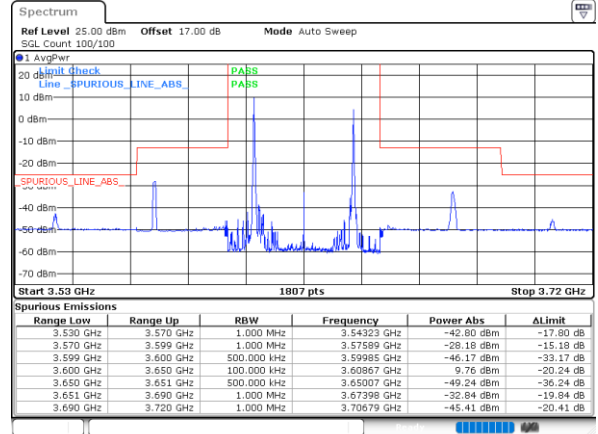
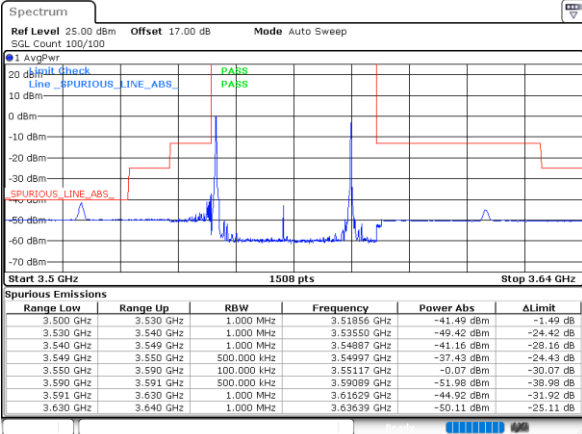


LTE Band 48C / 15MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Middle Band Edge / 1RB0 and 1RB9

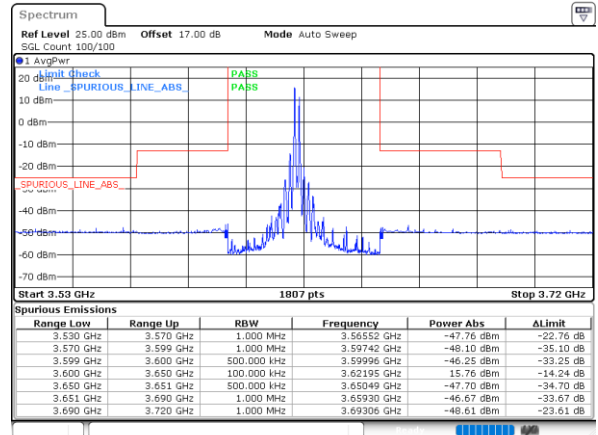
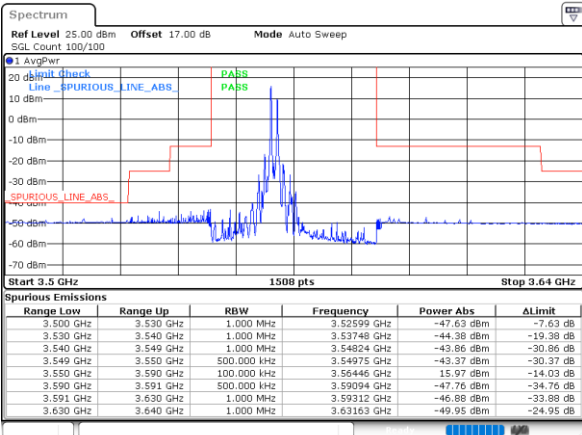


Date: 9.NOV.2021 23:24:30

Date: 9.NOV.2021 21:39:38

Lowest Band Edge / 1RB74 and 1RB0

Middle Band Edge / 1RB74 and 1RB0

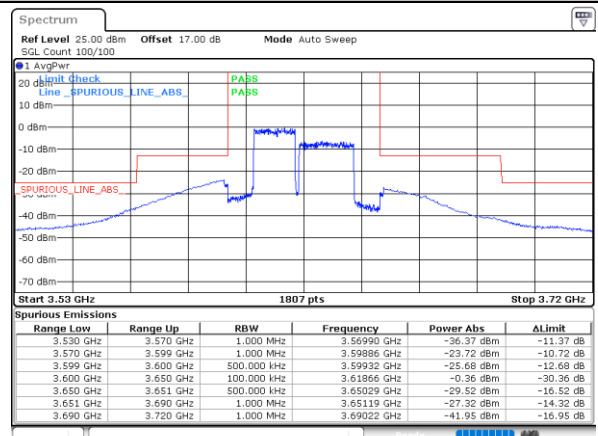
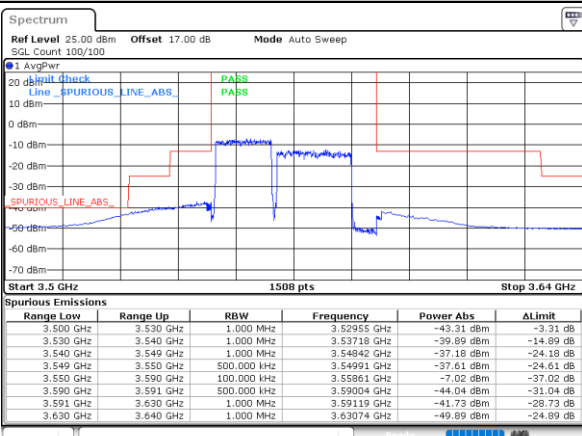


Date: 9.NOV.2021 23:27:38

Date: 9.NOV.2021 21:42:46

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 9.NOV.2021 23:21:22

Date: 9.NOV.2021 21:36:31

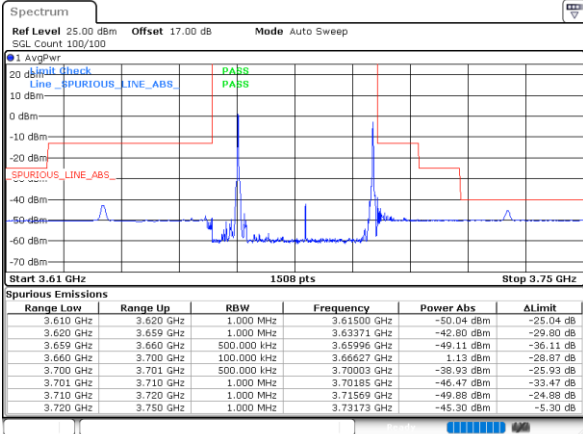


LTE Band 48C / 15MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB9

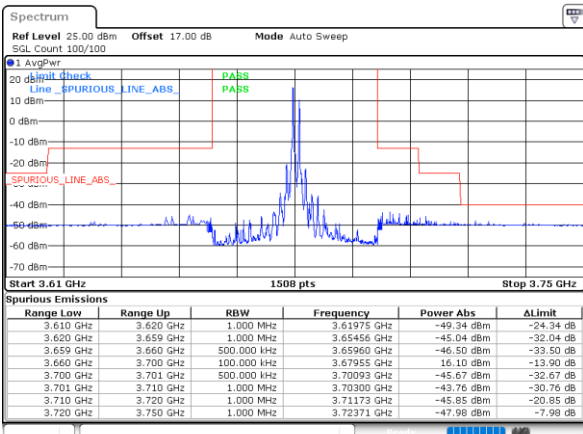
N/A



Date: 9.NOV.2021 23:35:48

Highest Band Edge / 1RB74 and 1RB0

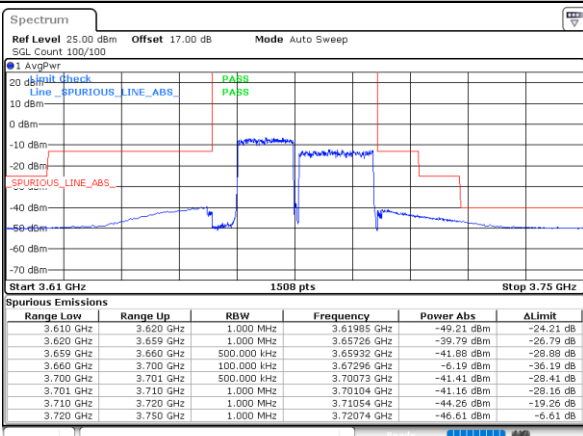
N/A



Date: 9.NOV.2021 23:38:56

Highest Band Edge / Full RB

N/A



Date: 9.NOV.2021 23:32:41

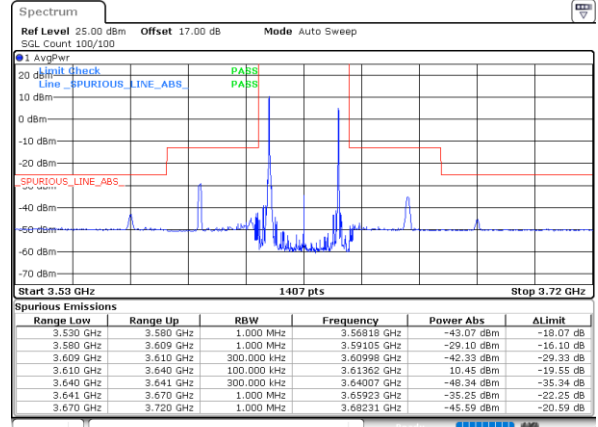
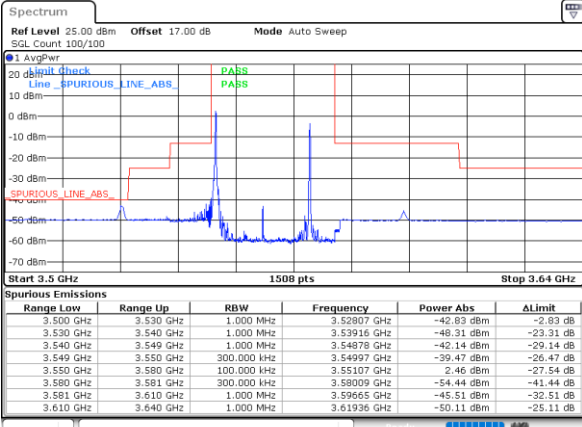


LTE Band 48C/ 20MHz+5MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB24

Middle Band Edge / 1RB0 and 1RB24

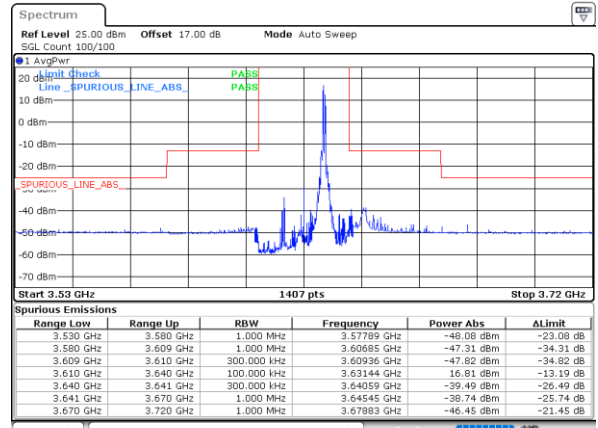
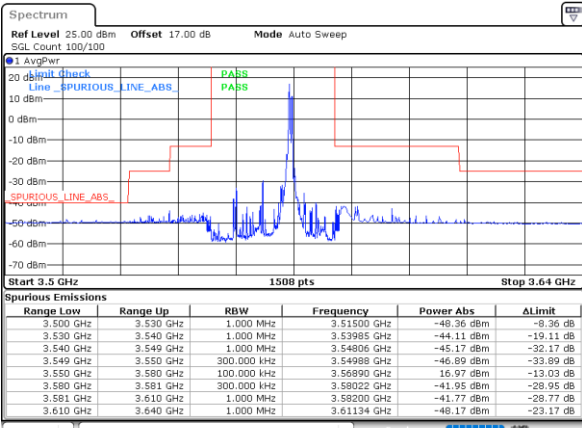


Date: 10.NOV.2021 00:31:33

Date: 9.NOV.2021 20:54:27

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

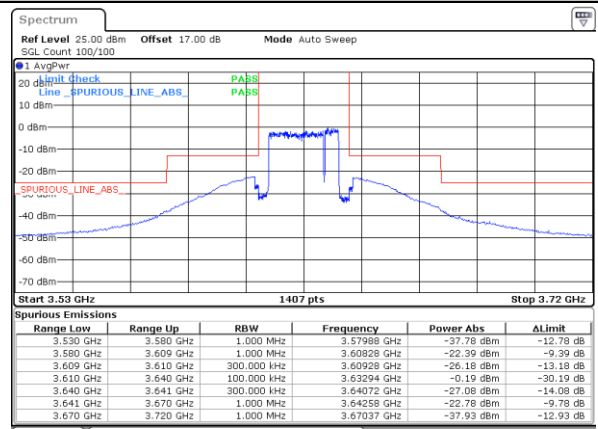
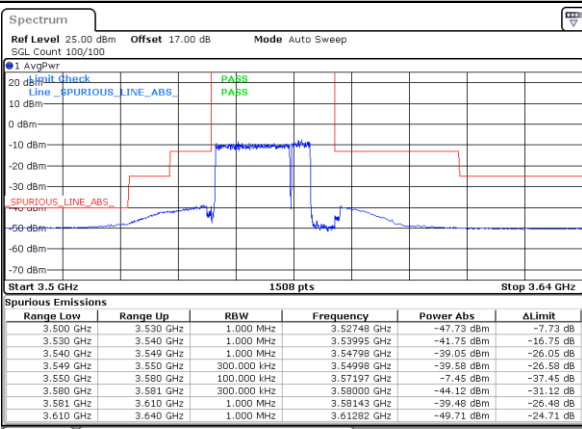


Date: 10.NOV.2021 00:34:42

Date: 9.NOV.2021 20:57:35

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 10.NOV.2021 00:28:25

Date: 9.NOV.2021 20:51:20

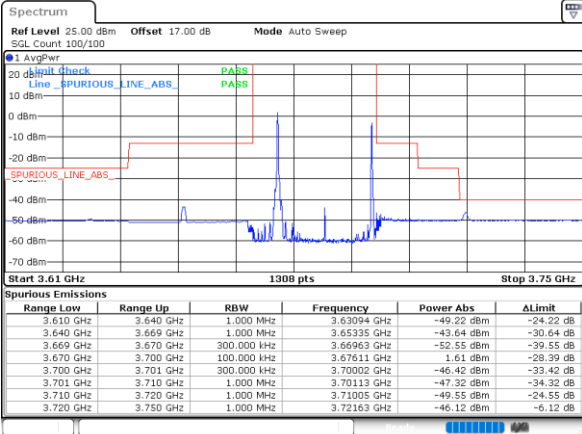


LTE Band 48C / 20MHz+5MHz

256QAM

Highest Band Edge / 1RB0 and 1RB24

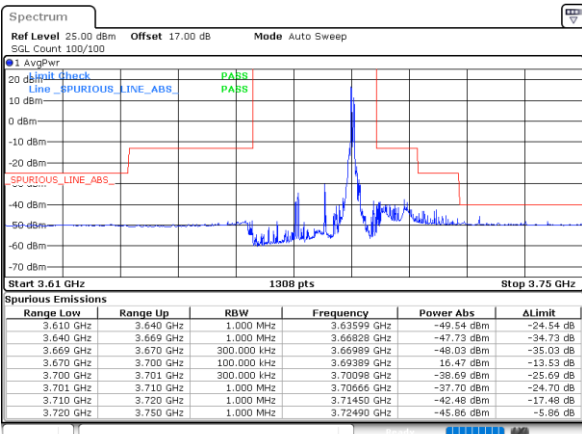
N/A



Date: 10.NOV.2021 00:43:05

Highest Band Edge / 1RB99 and 1RB0

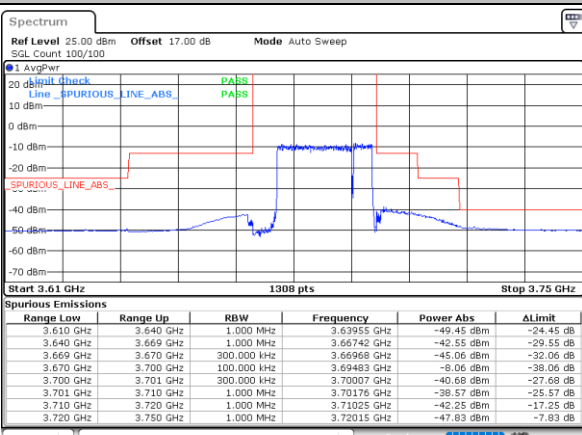
N/A



Date: 10.NOV.2021 00:46:13

Highest Band Edge / Full RB

N/A



Date: 10.NOV.2021 00:39:57

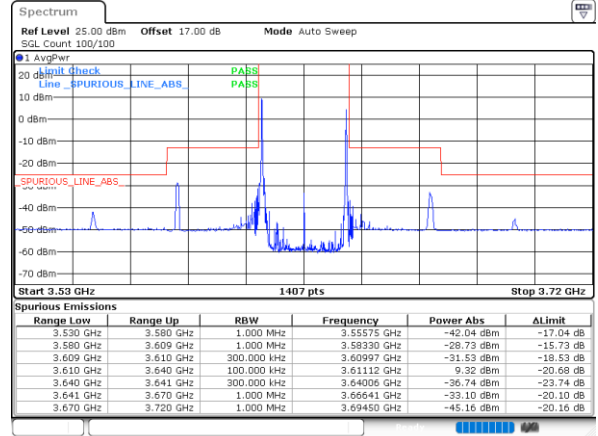
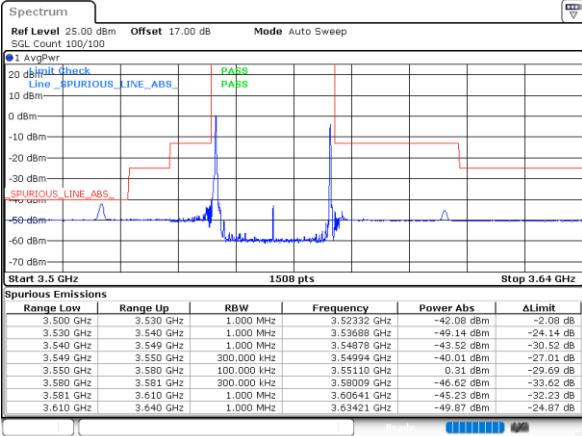


LTE Band 48C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

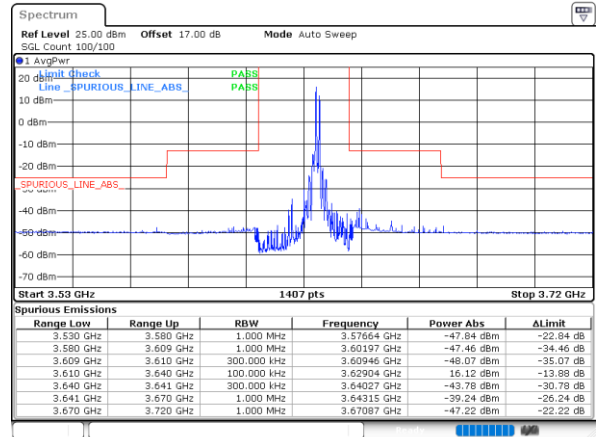
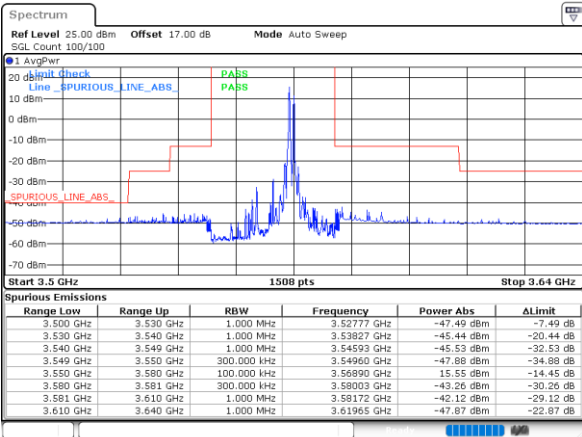


Date: 9.NOV.2021 23:46:07

Date: 9.NOV.2021 21:28:07

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

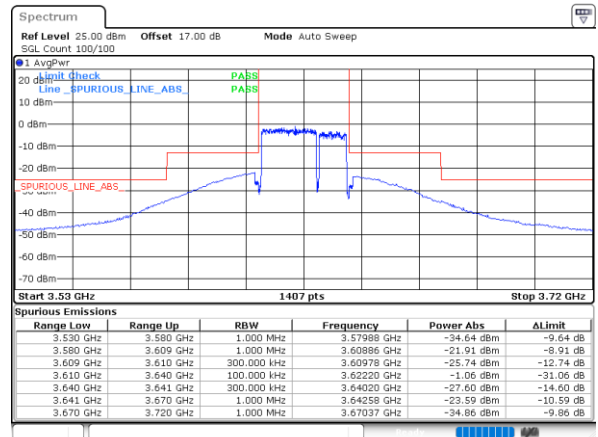
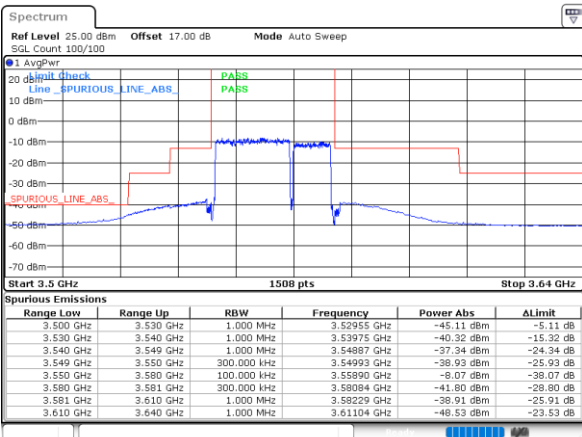


Date: 9.NOV.2021 23:49:15

Date: 9.NOV.2021 21:31:15

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 9.NOV.2021 23:42:59

Date: 9.NOV.2021 21:24:59

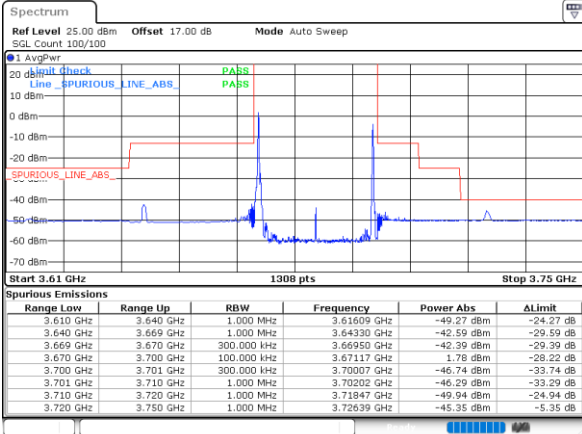


LTE Band 48C / 20MHz+10MHz

256QAM

Highest Band Edge / 1RB0 and 1RB49

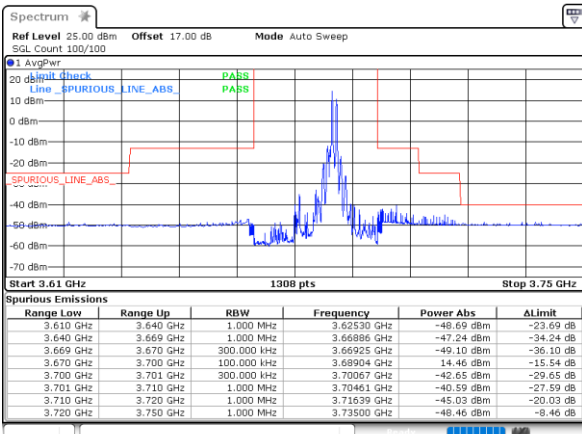
N/A



Date: 9.NOV.2021 23:57:29

Highest Band Edge / 1RB99 and 1RB0

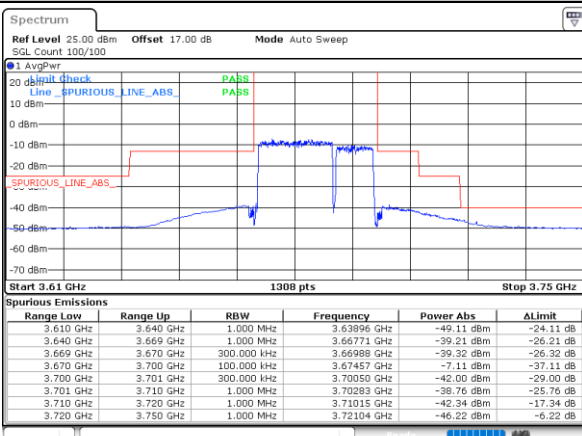
N/A



Date: 10.NOV.2021 00:05:02

Highest Band Edge / Full RB

N/A



Date: 9.NOV.2021 23:54:21

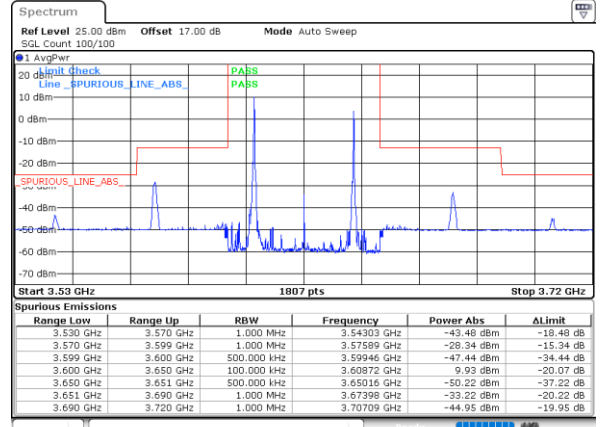
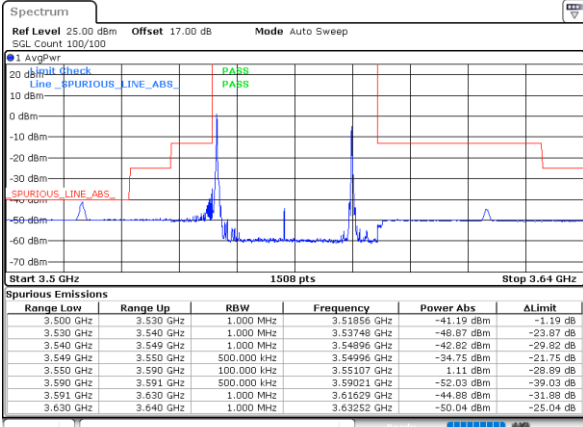


LTE Band 48C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74

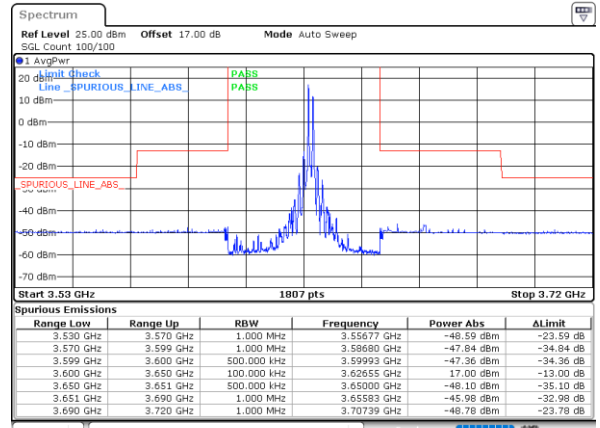
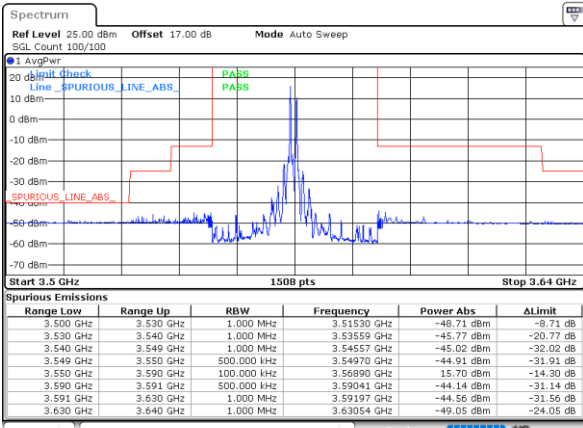


Date: 9.NOV.2021 22:35:19

Date: 9.NOV.2021 21:49:45

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

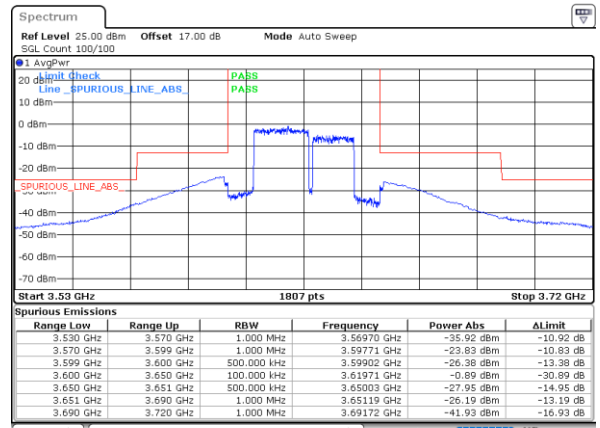
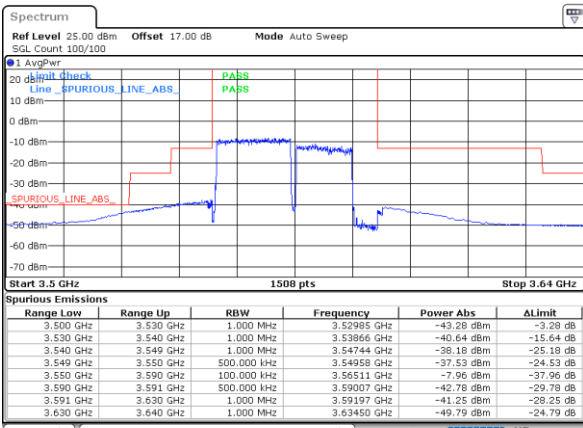


Date: 9.NOV.2021 22:38:16

Date: 9.NOV.2021 21:52:53

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 9.NOV.2021 22:32:01

Date: 9.NOV.2021 21:46:38

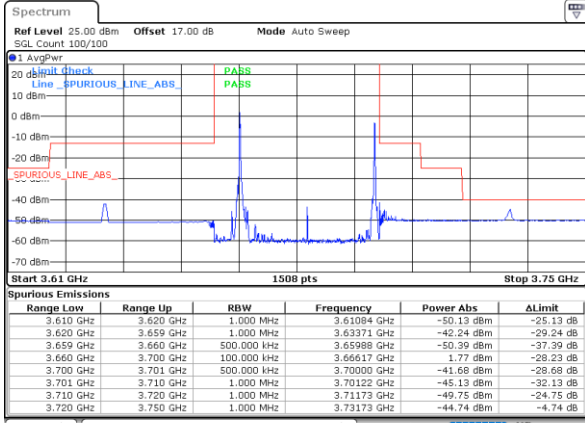


LTE Band 48C / 20MHz+15MHz

256QAM

Highest Band Edge / 1RB0 and 1RB74

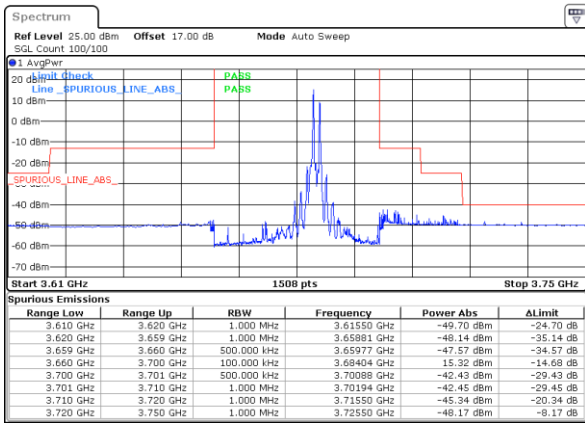
N/A



Date: 9.NOV.2021 22:44:53

Highest Band Edge / 1RB99 and 1RB0

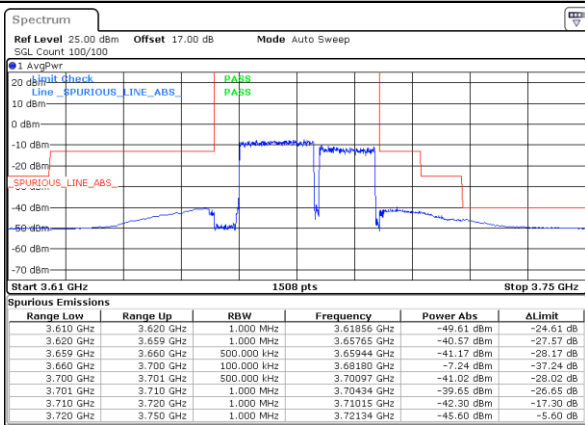
N/A



Date: 9.NOV.2021 22:48:01

Highest Band Edge / Full RB

N/A



Date: 9.NOV.2021 22:41:66

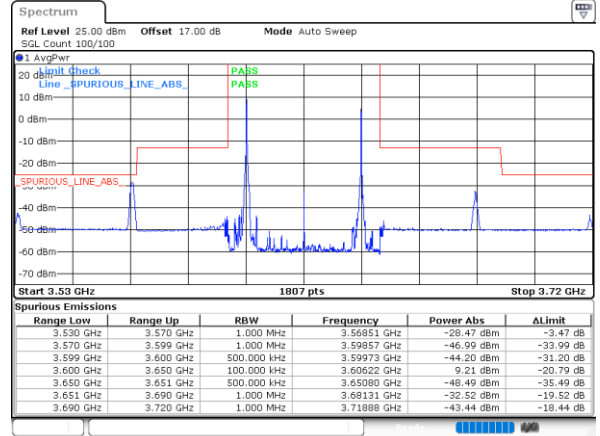
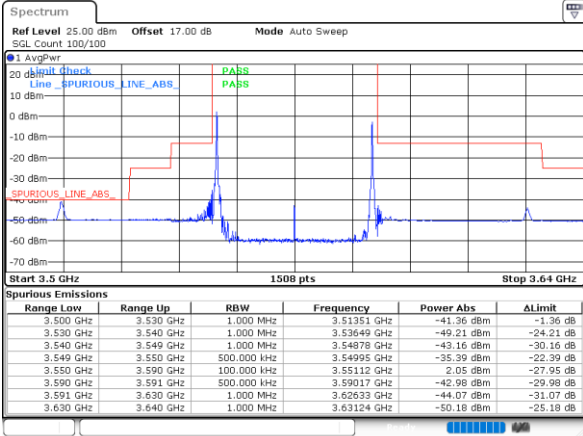


LTE Band 48C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Middle Band Edge / 1RB0 and 1RB9

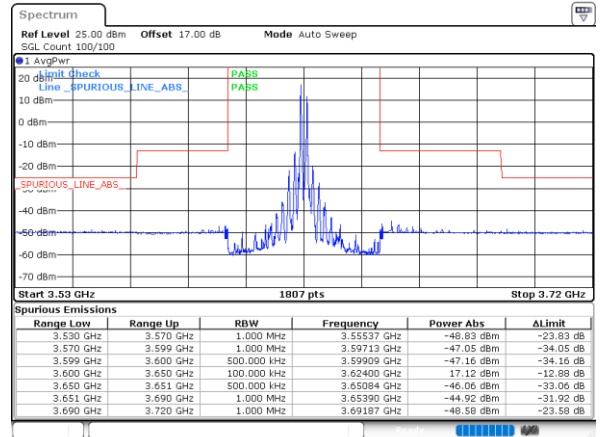
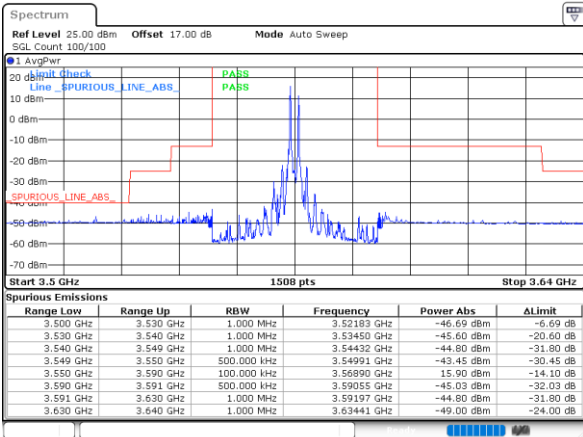


Date: 9.NOV.2021 22:12:45

Date: 9.NOV.2021 22:01:24

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

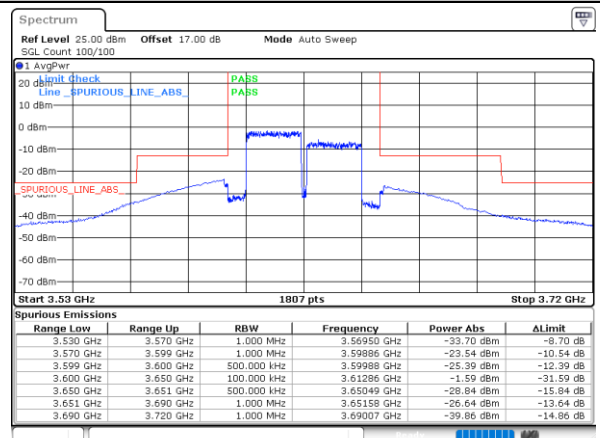
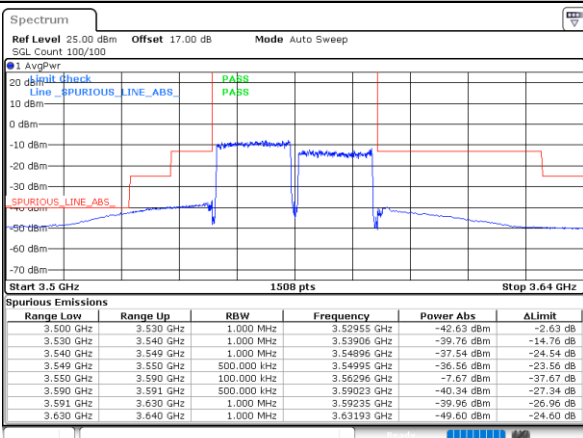


Date: 9.NOV.2021 22:16:34

Date: 9.NOV.2021 22:04:32

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 9.NOV.2021 22:09:36

Date: 9.NOV.2021 21:58:16

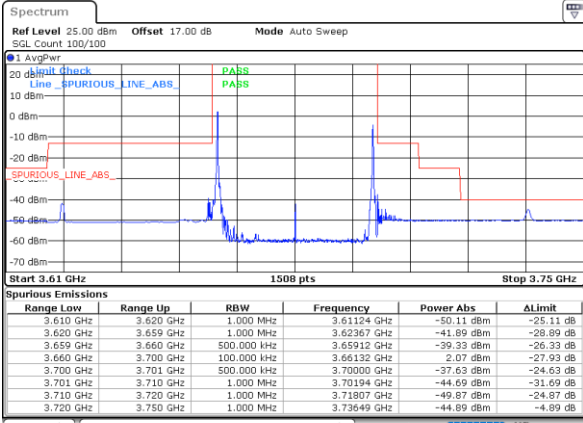


LTE Band 48C / 20MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB9

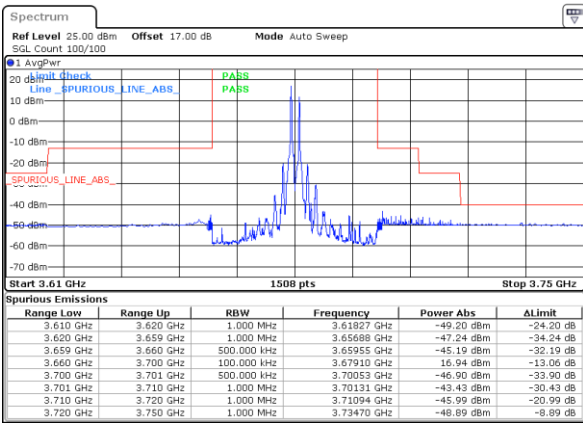
N/A



Date: 9.NOV.2021 22:23:47

Highest Band Edge / 1RB99 and 1RB0

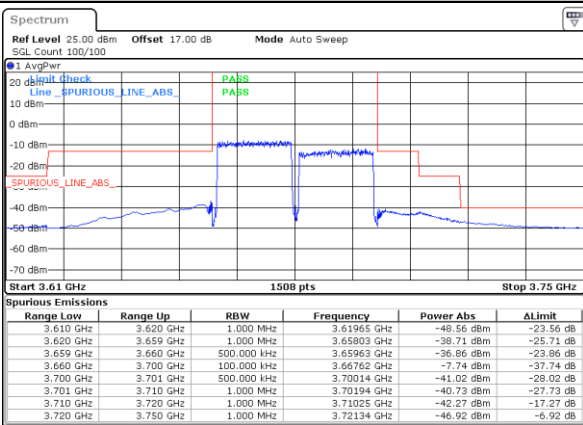
N/A



Date: 9.NOV.2021 22:26:55

Highest Band Edge / Full RB

N/A



Date: 9.NOV.2021 22:20:39



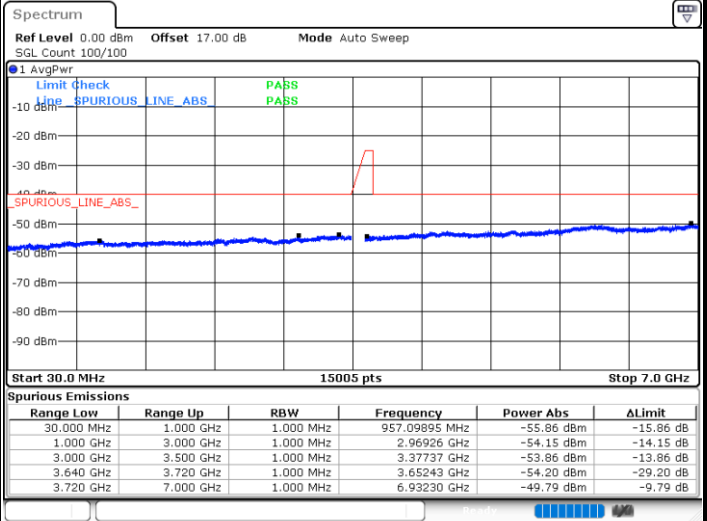
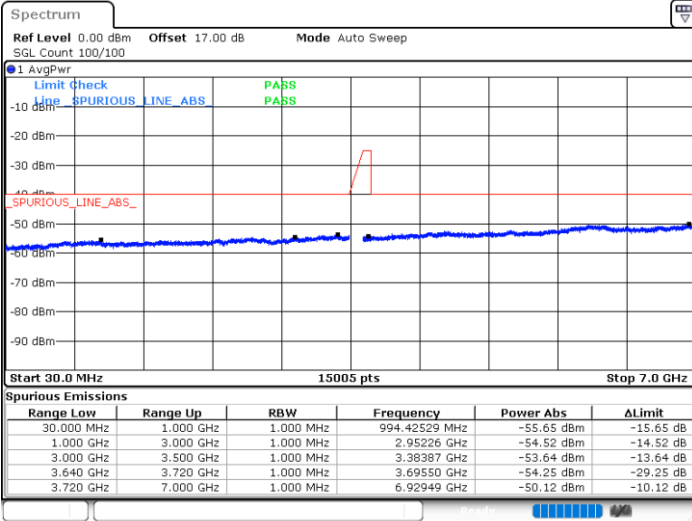
Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0

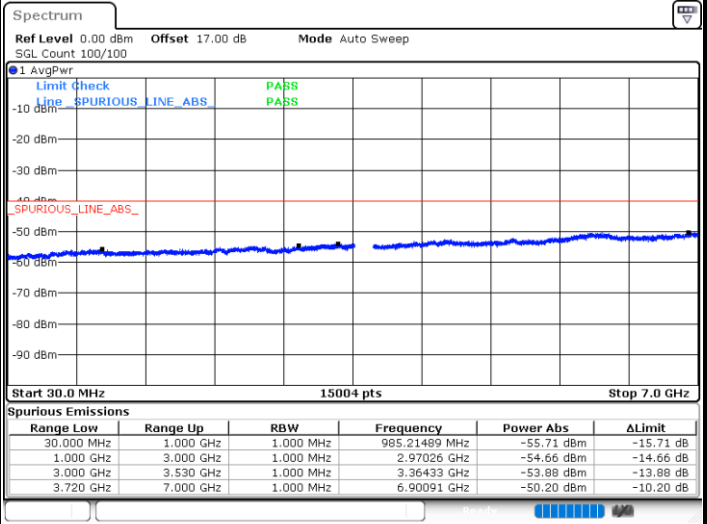
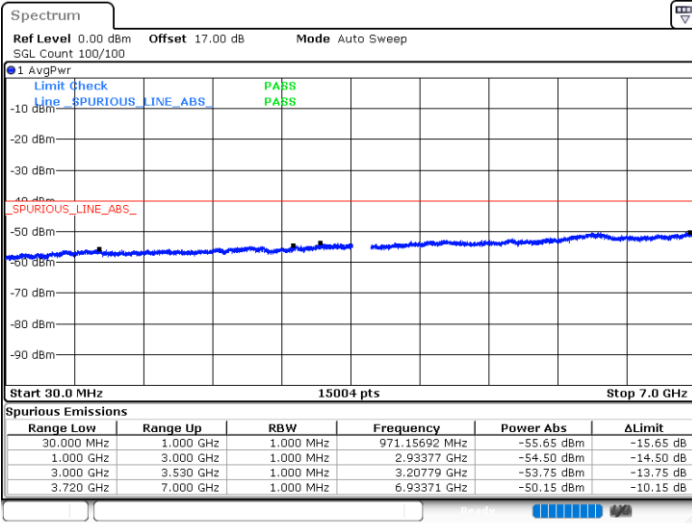


Date: 18.NOV.2021 20:39:08

Date: 18.NOV.2021 20:42:04

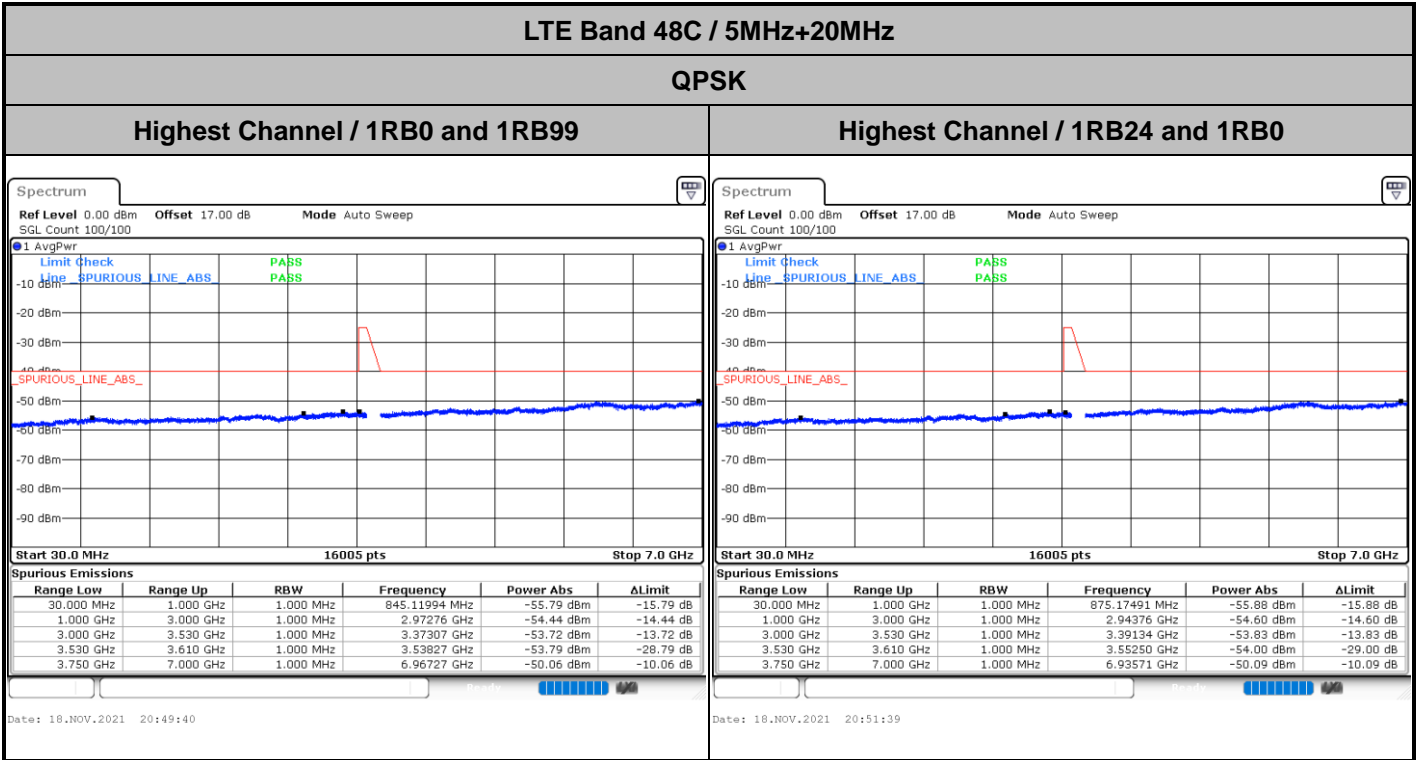
Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



Date: 18.NOV.2021 20:47:35

Date: 18.NOV.2021 20:45:36



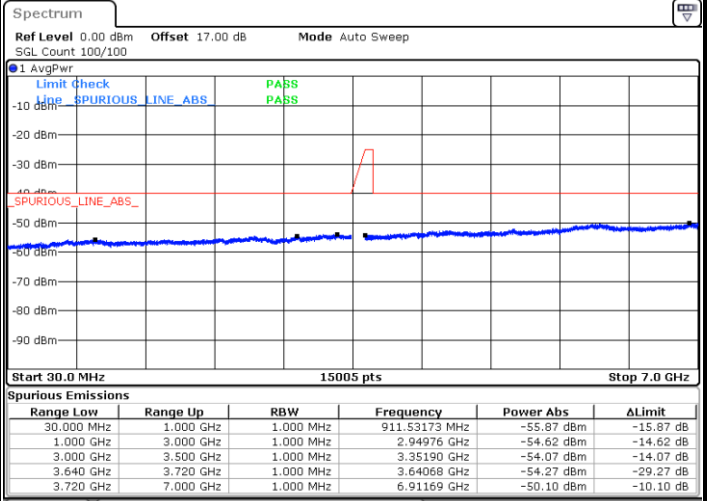
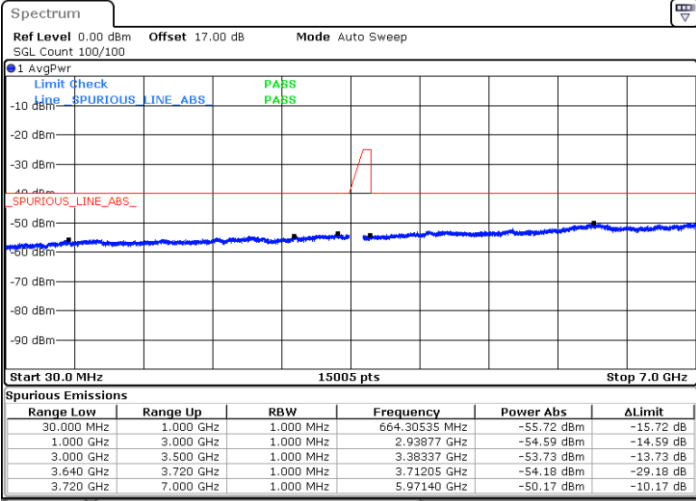


LTE Band 48C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0

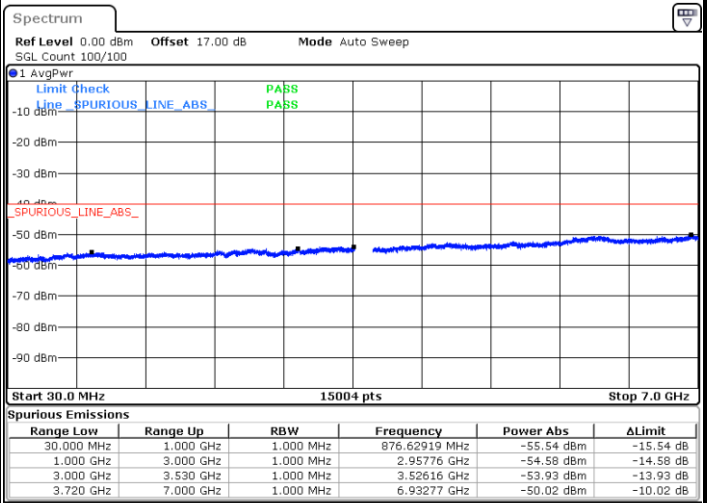
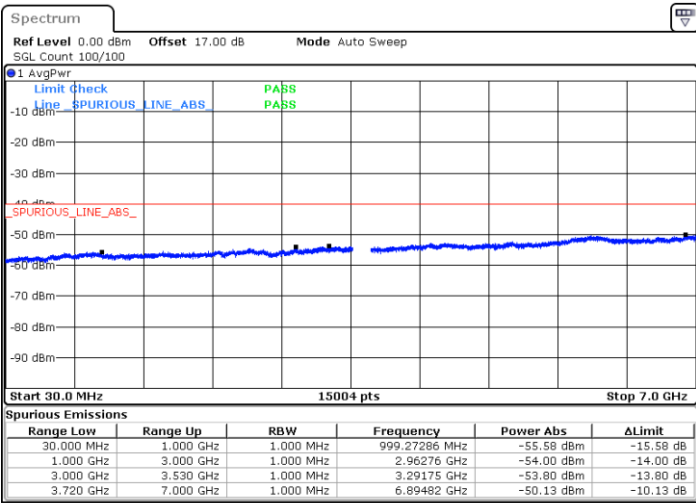


Date: 18.NOV.2021 20:06:02

Date: 18.NOV.2021 20:08:13

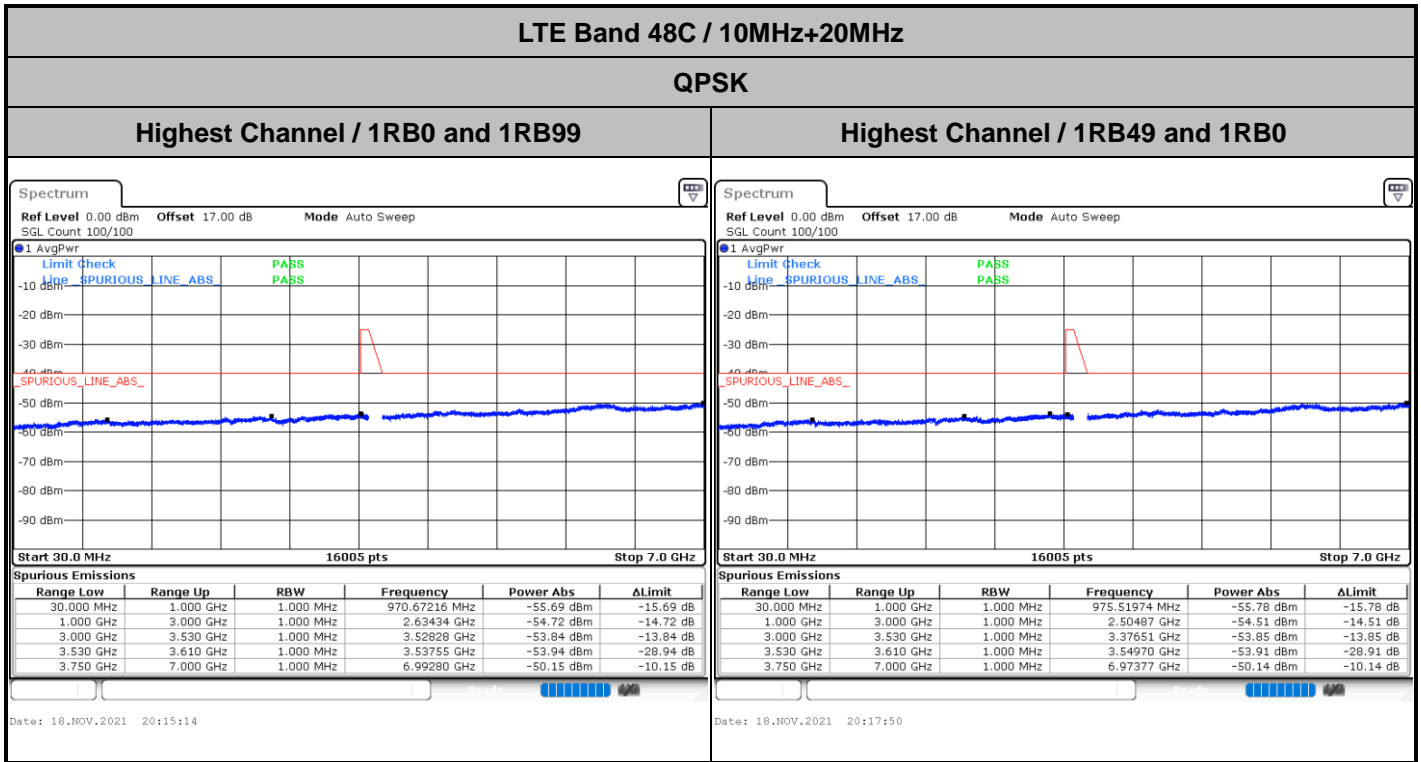
Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 18.NOV.2021 20:12:37

Date: 18.NOV.2021 20:10:31



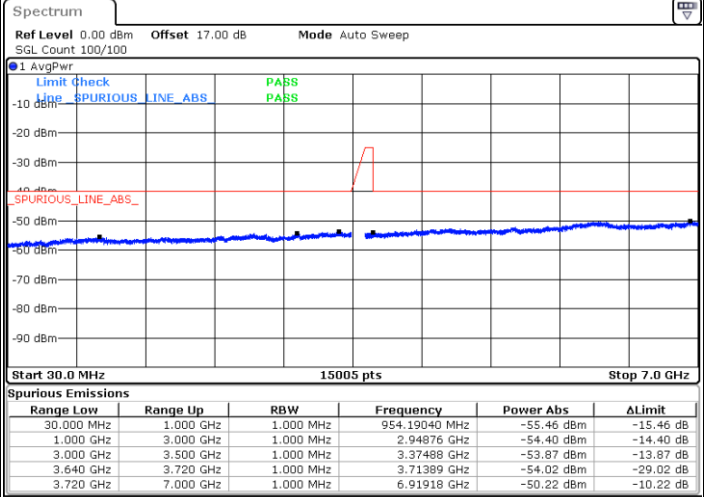
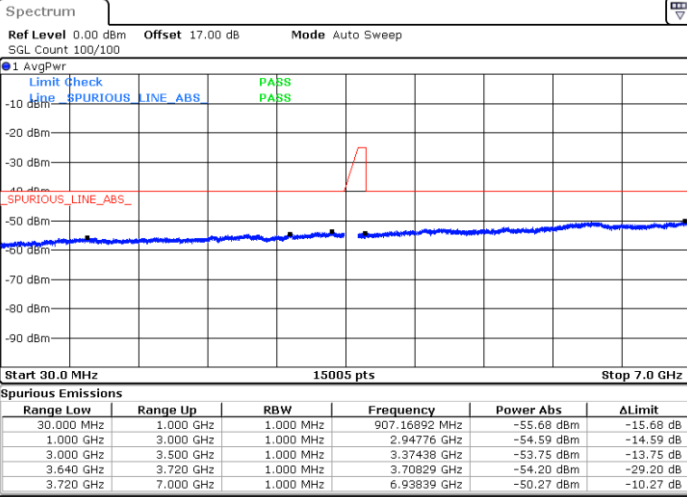


LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

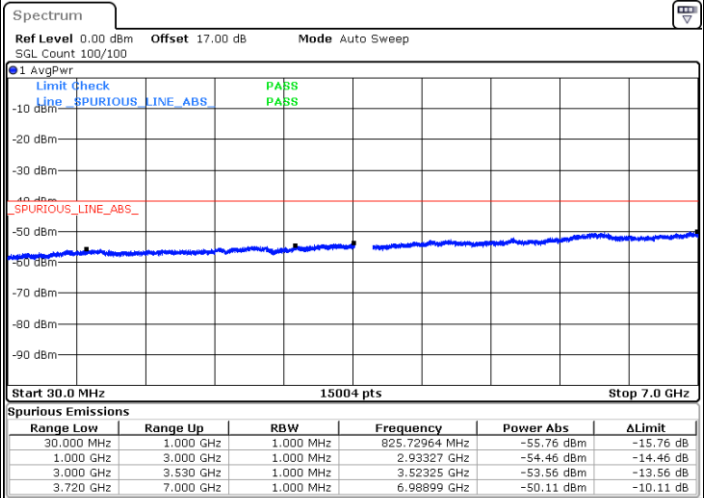
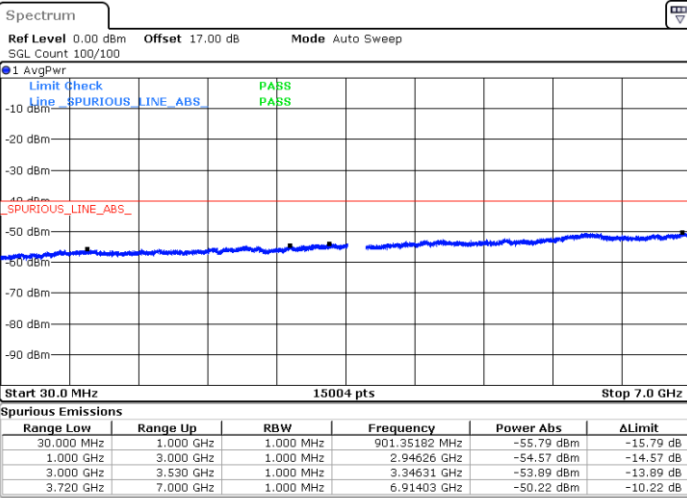


Date: 18.NOV.2021 19:31:03

Date: 18.NOV.2021 19:33:34

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 18.NOV.2021 19:38:32

Date: 18.NOV.2021 19:36:11

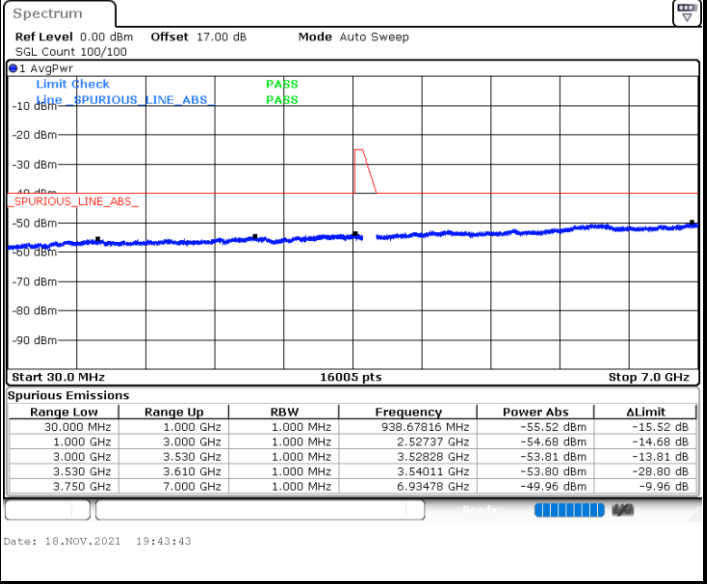
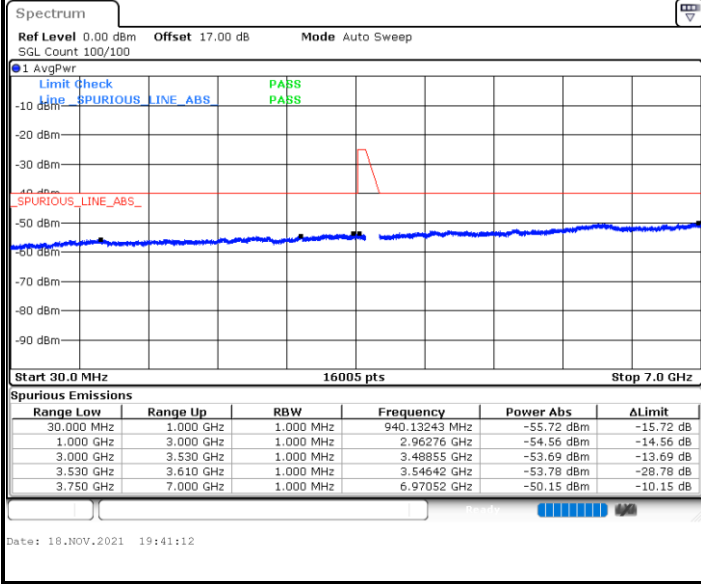


LTE Band 48C / 15MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



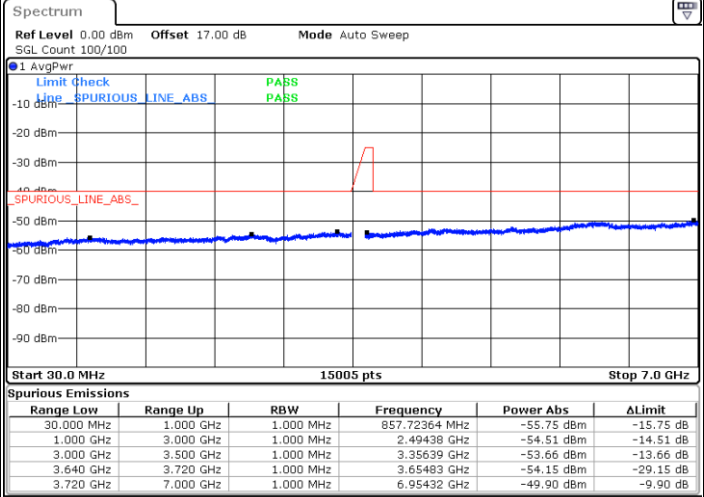
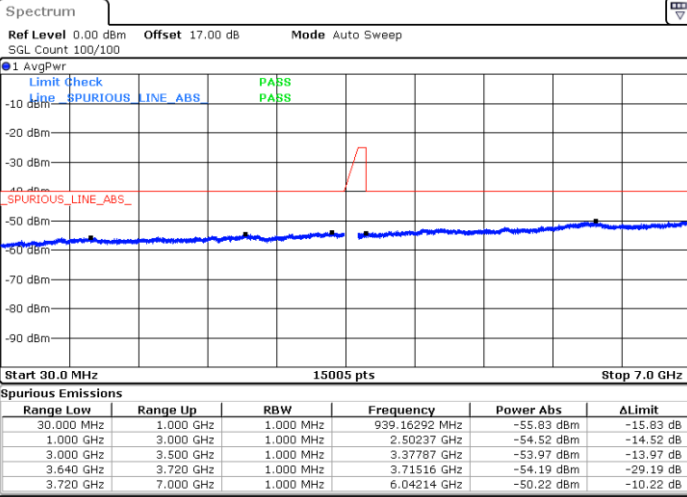


LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0

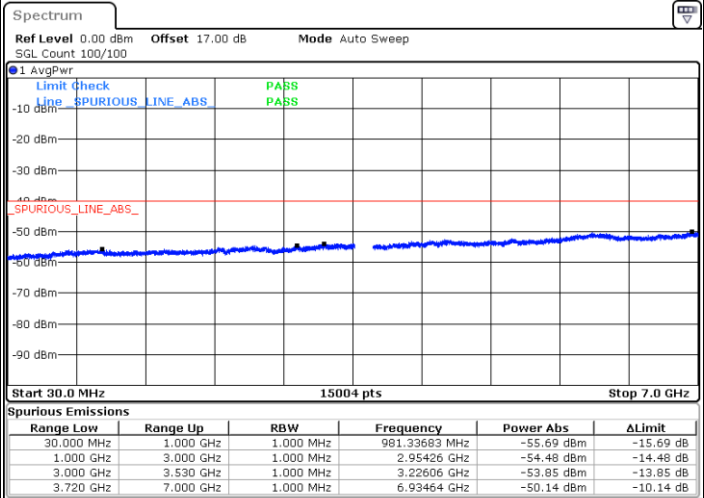
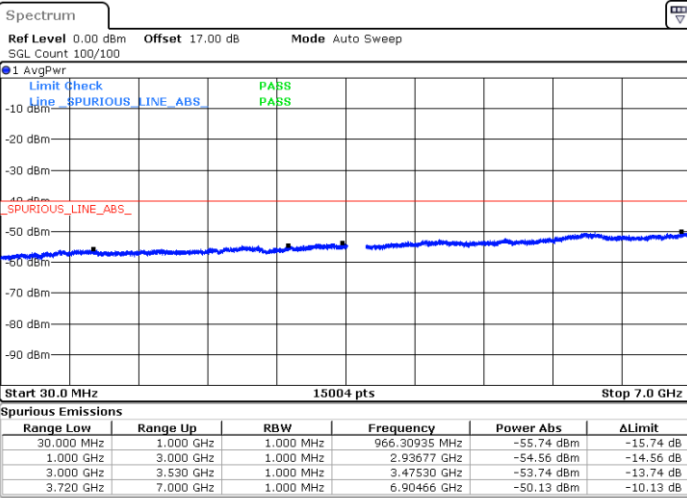


Date: 18.NOV.2021 20:22:53

Date: 18.NOV.2021 20:20:19

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 18.NOV.2021 20:27:10

Date: 18.NOV.2021 20:29:26

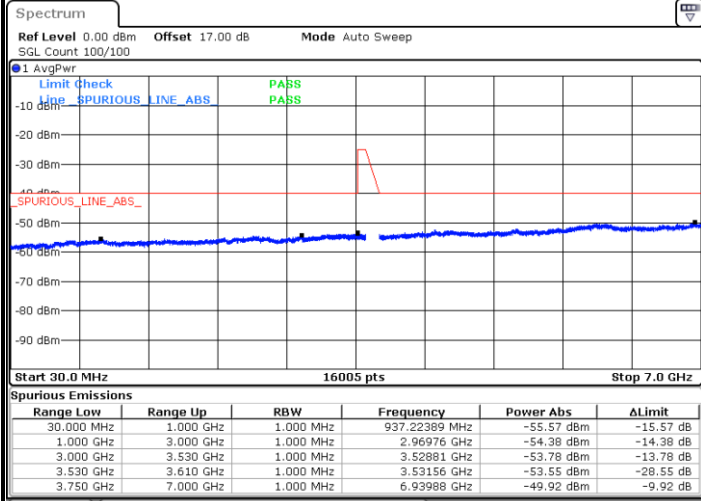


LTE Band 48C / 20MHz+5MHz

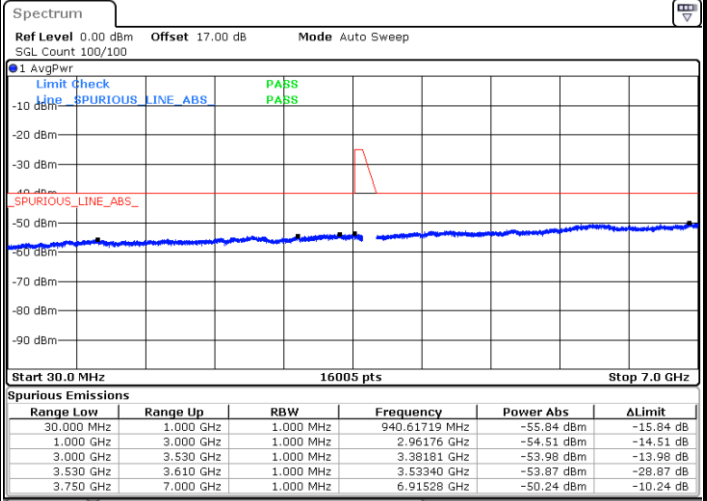
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 18.NOV.2021 20:36:40



Date: 18.NOV.2021 20:34:11

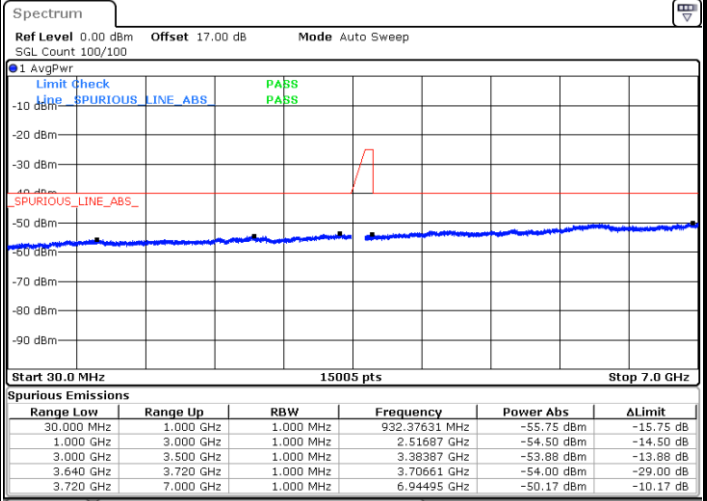
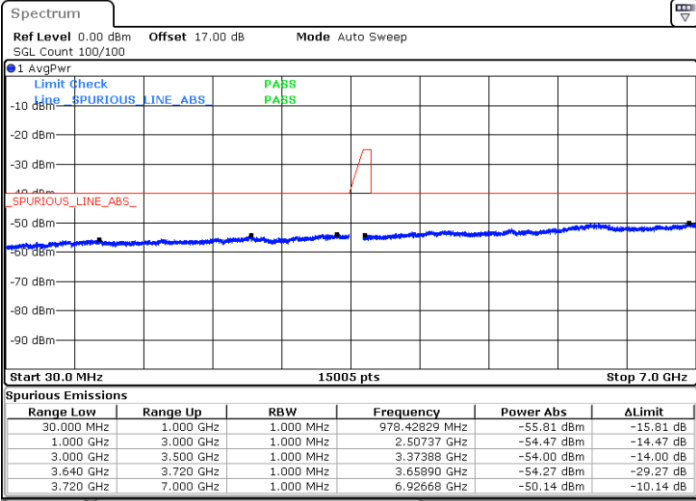


LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

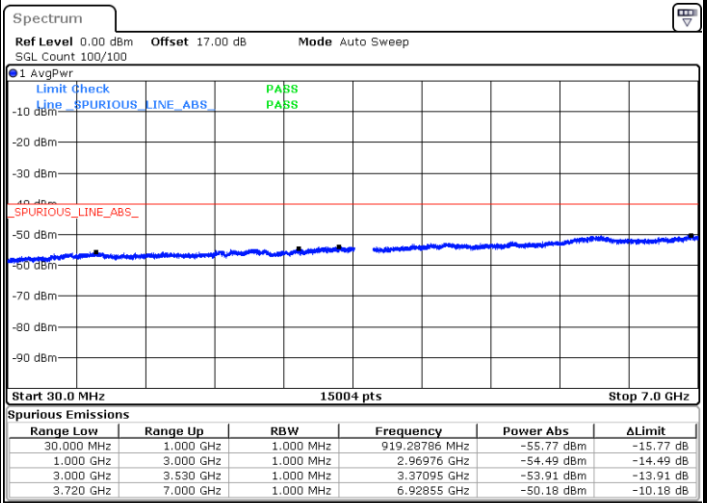
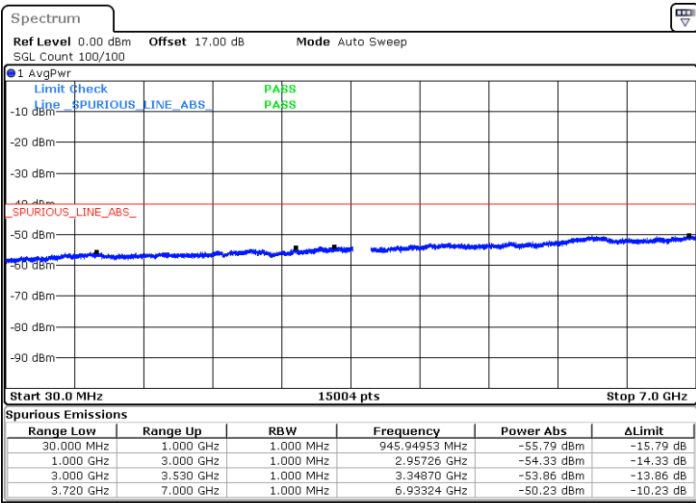


Date: 18.NOV.2021 19:51:31

Date: 18.NOV.2021 19:53:40

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 18.NOV.2021 19:58:11

Date: 18.NOV.2021 19:56:03

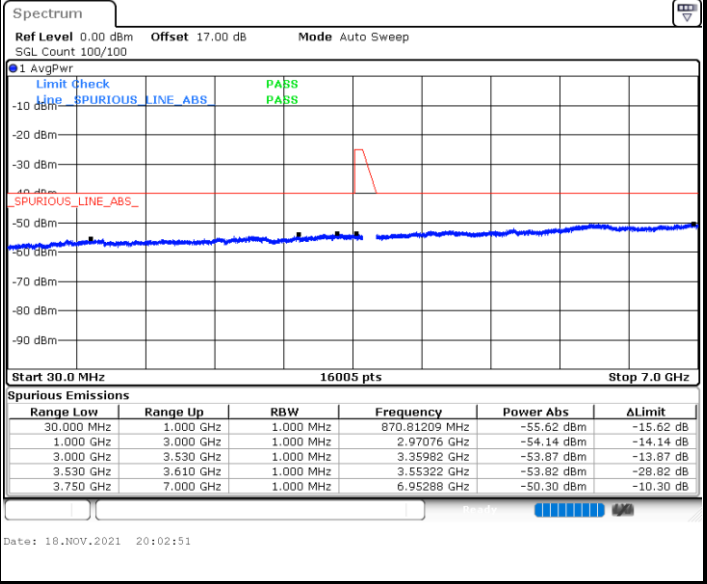
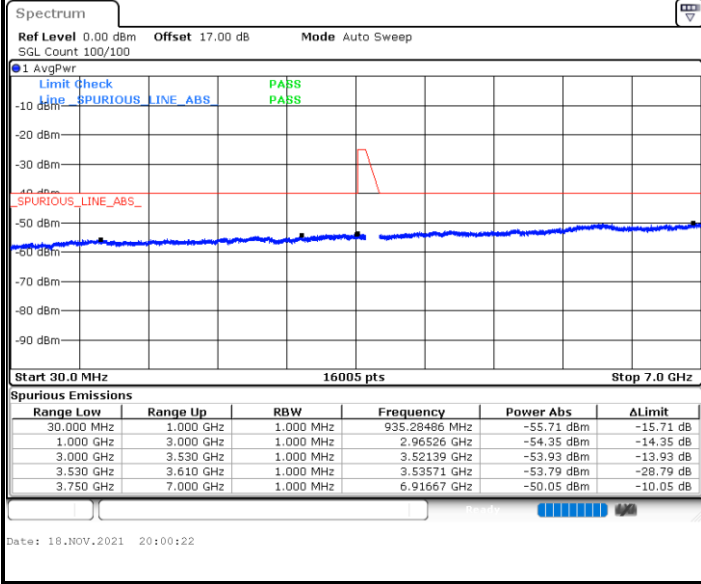


LTE Band 48C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



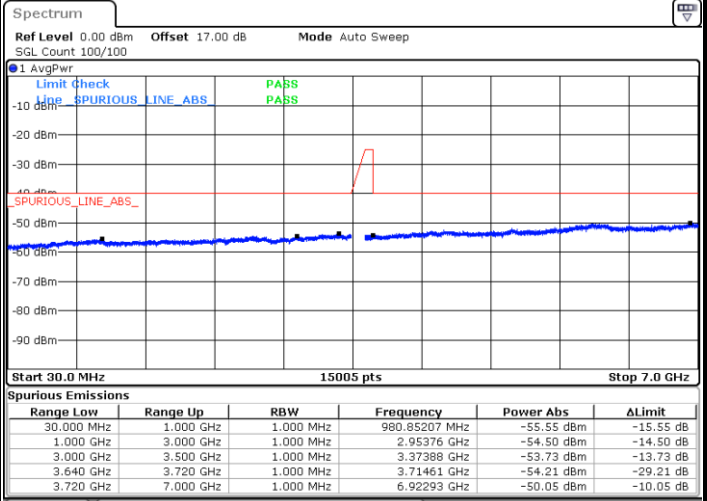
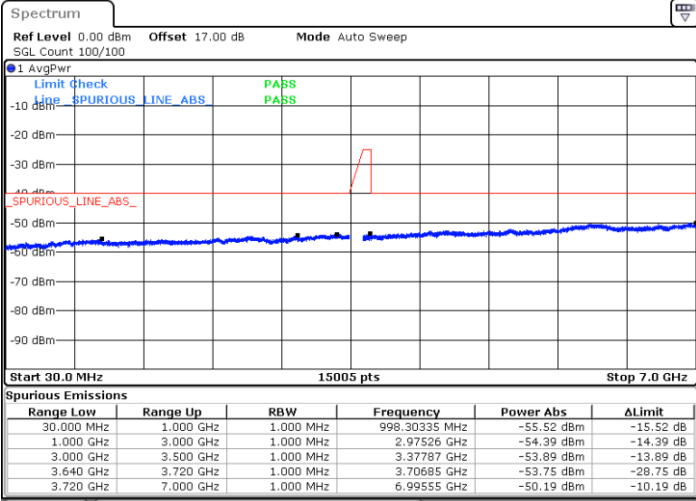


LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

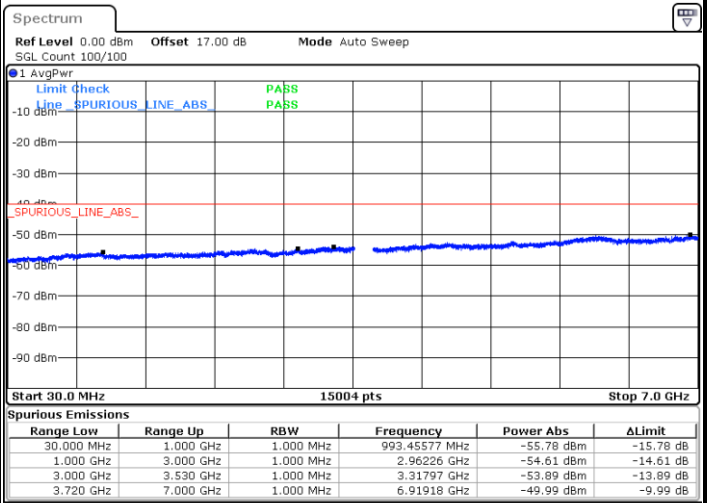
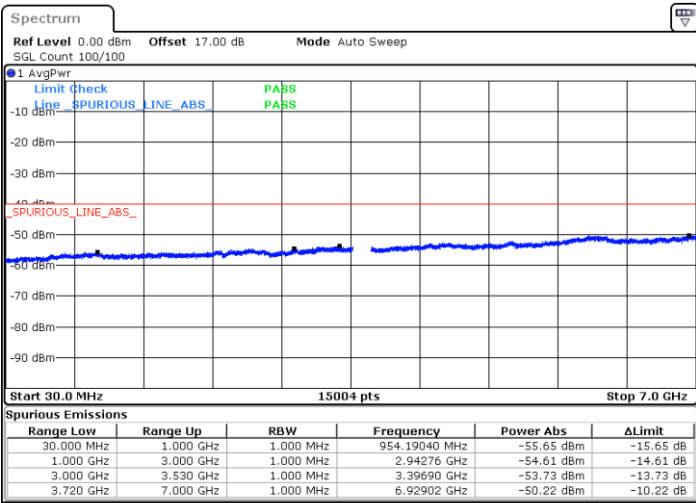


Date: 18.NOV.2021 18:58:51

Date: 18.NOV.2021 19:01:30

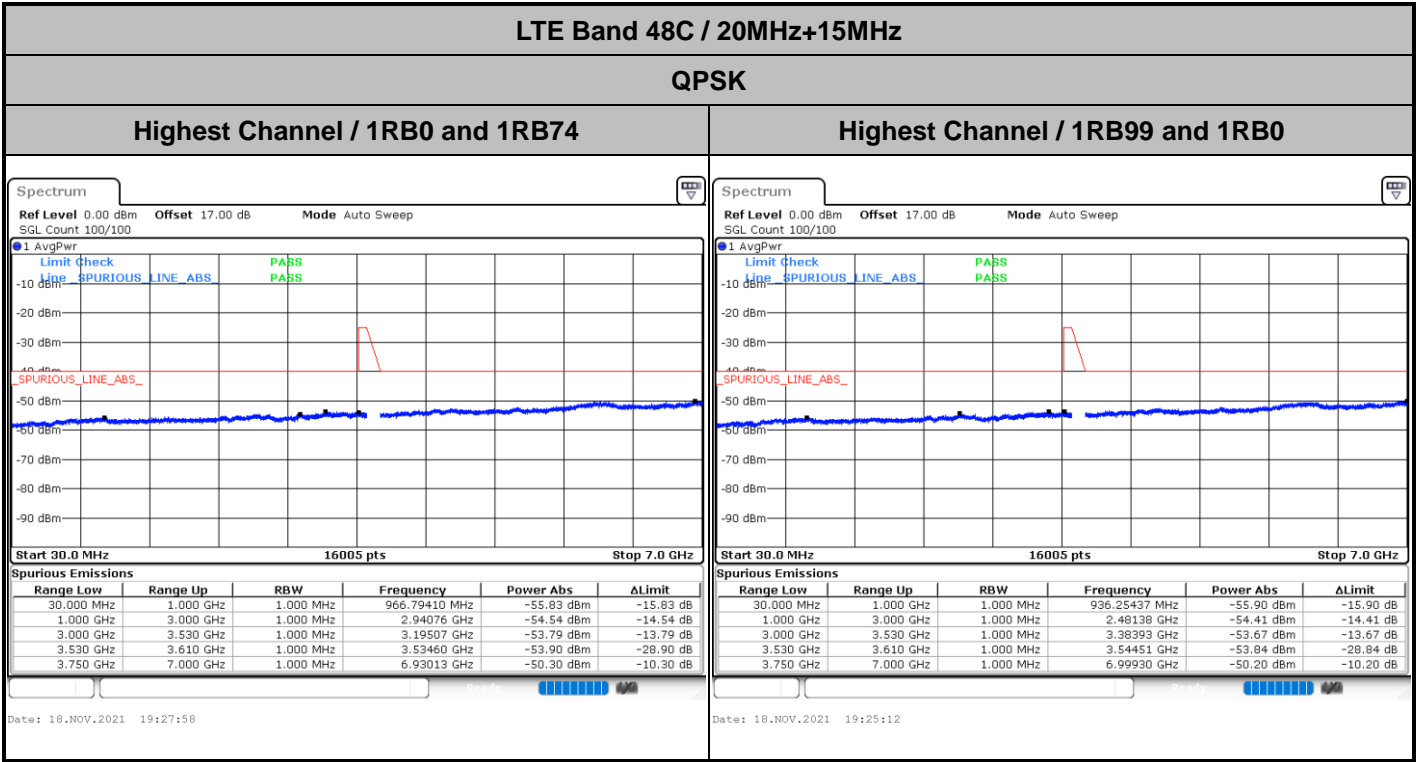
Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 18.NOV.2021 19:04:09

Date: 18.NOV.2021 19:22:32



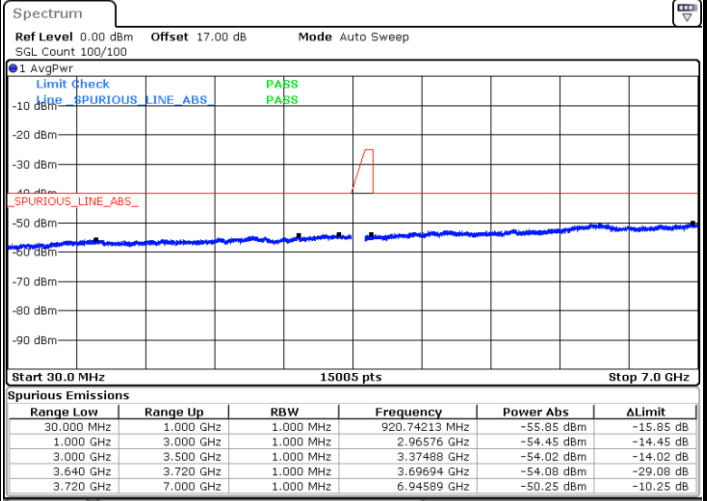
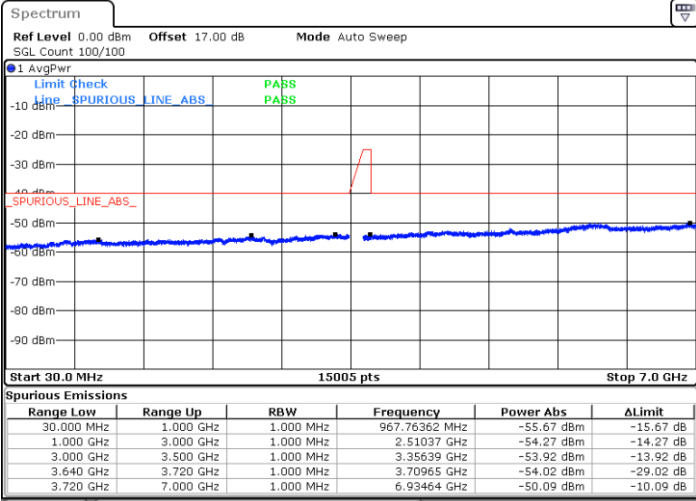


LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

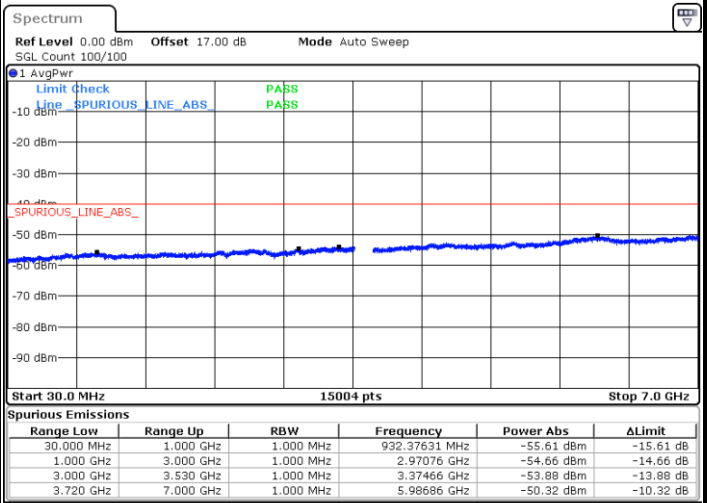
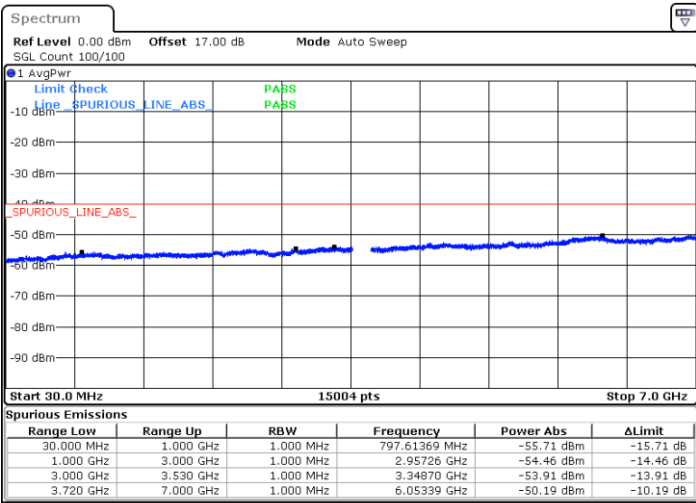


Date: 18.NOV.2021 18:51:53

Date: 18.NOV.2021 18:54:51

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 18.NOV.2021 18:44:29

Date: 18.NOV.2021 18:42:06

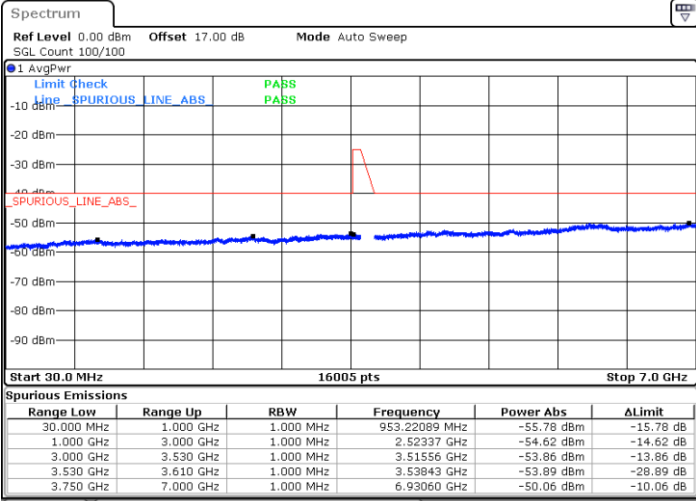


LTE Band 48C / 20MHz+20MHz

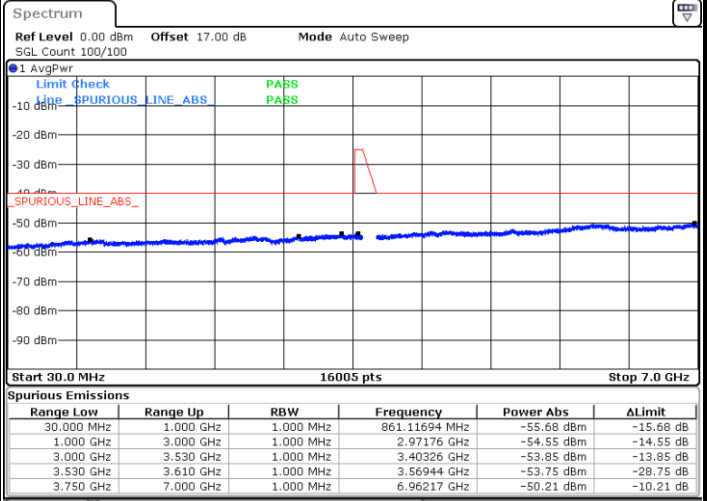
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 18.NOV.2021 18:34:32



Date: 18.NOV.2021 18:32:14



Appendix B. Test Results of Radiated Test

<Ant. 0>

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	-59.24	-40	-19.24	-60.1	-69.21	1.77	11.74	H
	10655	-58.69	-40	-18.69	-63.08	-67.12	2.47	10.90	H
	14205	-57.01	-40	-17.01	-67.37	-65.85	2.87	11.71	H
	21307	-54.80	-40	-14.80	-76.61	-71.52	1.98	18.70	H
	24859	-53.04	-40	-13.04	-77.8	-69.05	2.07	18.07	H
	28411	-51.38	-40	-11.38	-76.69	-68.63	2.32	19.56	H
									H
	7100	-59.63	-40	-19.63	-60.1	-69.60	1.77	11.74	V
	10655	-58.96	-40	-18.96	-63.09	-67.39	2.47	10.90	V
	14205	-57.14	-40	-17.14	-67.22	-65.98	2.87	11.71	V
	21307	-55.22	-40	-15.22	-76.9	-71.94	1.98	18.70	V
	24859	-51.56	-40	-11.56	-77.53	-67.57	2.07	18.07	V
	28411	-49.56	-40	-9.56	-76.69	-66.81	2.32	19.56	V
									V



Middle	7230	-59.28	-40	-19.28	-60.56	-68.97	1.84	11.53	H
	10850	-58.34	-40	-18.34	-63.14	-66.67	2.57	10.90	H
	14462	-57.15	-40	-17.15	-67.5	-65.39	2.85	11.09	H
	18077	-53.99	-40	-13.99	-71.93	-70.22	1.76	17.98	H
	21696	-54.87	-40	-14.87	-76.27	-71.66	1.99	18.78	H
	25314	-51.80	-40	-11.80	-77	-68.40	2.14	18.74	H
									H
	7230	-59.63	-40	-19.63	-60.65	-69.32	1.84	11.53	V
	10850	-58.78	-40	-18.78	-63.37	-67.11	2.57	10.90	V
	14462	-58.19	-40	-18.19	-67.72	-66.43	2.85	11.09	V
	18077	-53.75	-40	-13.75	-70.76	-69.98	1.76	17.98	V
	21696	-54.70	-40	-14.70	-76.09	-71.49	1.99	18.78	V
	25314	-50.79	-40	-10.79	-77.25	-67.39	2.14	18.74	V
									V
Highest	7360	-60.16	-40	-20.16	-61.54	-69.57	1.91	11.32	H
	11045	-58.77	-40	-18.77	-64.11	-67.09	2.63	10.95	H
	14724	-56.21	-40	-16.21	-67.7	-65.01	2.91	11.72	H
	18410	-50.51	-40	-10.51	-68.79	-66.56	1.87	17.92	H
	22086	-55.16	-40	-15.16	-77.06	-71.95	2.08	18.87	H
	25770	-51.66	-40	-11.66	-77.54	-68.68	2.03	19.05	H
									H
	7360	-60.04	-40	-20.04	-61.23	-69.45	1.91	11.32	V
	11045	-63.41	-40	-23.41	-64.41	-71.73	2.63	10.95	V
	14724	-58.16	-40	-18.16	-67.98	-66.96	2.91	11.72	V
	18410	-52.20	-40	-12.20	-69.6	-68.25	1.87	17.92	V
	22086	-54.83	-40	-14.83	-76.74	-71.62	2.08	18.87	V
	25770	-50.90	-40	-10.90	-77.66	-67.92	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	-59.32	-40	-19.32	-60.34	-69.20	1.80	11.68	H
	10705	-59.19	-40	-19.19	-63.68	-67.59	2.50	10.90	H
	14279	-56.80	-40	-16.80	-67.15	-65.47	2.86	11.53	H
	21418	-55.08	-40	-15.08	-76.61	-71.83	1.95	18.70	H
	24981	-52.39	-40	-12.39	-77.15	-68.58	2.08	18.27	H
	28556	-51.27	-40	-11.27	-76.5	-68.49	2.31	19.53	H
									H
	7140	-59.86	-40	-19.86	-60.53	-69.74	1.80	11.68	V
	10705	-59.15	-40	-19.15	-63.4	-67.55	2.50	10.90	V
	14279	-57.41	-40	-17.41	-67.33	-66.08	2.86	11.53	V
	21418	-55.01	-40	-15.01	-76.48	-71.76	1.95	18.70	V
	24981	-51.10	-40	-11.10	-77.01	-67.29	2.08	18.27	V
	28556	-49.24	-40	-9.24	-76.34	-66.46	2.31	19.53	V
									V
Middle	7250	-59.98	-40	-19.98	-61.28	-69.63	1.86	11.50	H
	10870	-58.68	-40	-18.68	-63.17	-67.00	2.58	10.90	H
	14498	-58.03	-40	-18.03	-68.38	-66.18	2.85	11.00	H
	18122	-52.88	-40	-12.88	-70.87	-69.08	1.77	17.98	H
	21751	-55.38	-40	-15.38	-76.8	-72.17	2.01	18.80	H
	25370	-52.21	-40	-12.21	-77.49	-68.88	2.15	18.82	H
									H
	7250	-60.65	-40	-20.65	-61.7	-70.30	1.86	11.50	V
	10870	-59.11	-40	-19.11	-63.75	-67.43	2.58	10.90	V
	14498	-58.27	-40	-18.27	-67.72	-66.42	2.85	11.00	V
	18122	-52.78	-40	-12.78	-69.85	-68.98	1.77	17.98	V
	21751	-54.67	-40	-14.67	-76.08	-71.46	2.01	18.80	V
	25370	-50.87	-40	-10.87	-77.44	-67.54	2.15	18.82	V
									V



Highest	7360	-59.75	-40	-19.75	-61.13	-69.16	1.91	11.32	H
	11040	-58.81	-40	-18.81	-64.12	-67.12	2.63	10.95	H
	14718	-56.74	-40	-16.74	-68.19	-65.53	2.91	11.70	H
	18399	-54.14	-40	-14.14	-72.41	-70.19	1.87	17.92	H
	22073	-54.67	-40	-14.67	-76.51	-71.46	2.08	18.87	H
	25758	-51.07	-40	-11.07	-76.94	-68.09	2.04	19.05	H
									H
	7360	-60.07	-40	-20.07	-61.26	-69.48	1.91	11.32	V
	11040	-59.24	-40	-19.24	-64.38	-67.55	2.63	10.95	V
	14718	-58.06	-40	-18.06	-67.87	-66.85	2.91	11.70	V
	18399	-55.38	-40	-15.38	-72.77	-71.43	1.87	17.92	V
	22073	-55.03	-40	-15.03	-76.87	-71.82	2.08	18.87	V
	25758	-50.06	-40	-10.06	-77.12	-67.08	2.04	19.05	V
									V

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



<Ant. 1+0>

EN-DC 48A-n5A

EN-DC 48A-n5A / 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	-58.83	-40	-18.83	-59.69	-68.80	1.77	11.74	H
	10655	-56.02	-40	-16.02	-60.41	-64.45	2.47	10.90	H
	14205	-56.83	-40	-16.83	-67.19	-65.67	2.87	11.71	H
	21307	-54.34	-40	-14.34	-74.86	-71.06	1.98	18.70	H
	24859	-52.10	-40	-12.10	-77.08	-68.11	2.07	18.07	H
	28411	-51.51	-40	-11.51	-77.08	-68.76	2.32	19.56	H
									H
	7100	-59.72	-40	-19.72	-60.19	-69.69	1.77	11.74	V
	10655	-54.35	-40	-14.35	-58.48	-62.78	2.47	10.90	V
	14205	-57.09	-40	-17.09	-67.17	-65.93	2.87	11.71	V
	21307	-54.59	-40	-14.59	-74.97	-71.31	1.98	18.70	V
	24859	-50.73	-40	-10.73	-76.92	-66.74	2.07	18.07	V
	28411	-49.55	-40	-9.55	-76.94	-66.80	2.32	19.56	V
									V



Middle	7230	-59.46	-40	-19.46	-60.74	-69.15	1.84	11.53	H
	10850	-56.31	-40	-16.31	-61.11	-64.64	2.57	10.90	H
	14462	-56.89	-40	-16.89	-67.24	-65.13	2.85	11.09	H
	18077	-51.21	-40	-11.21	-58.87	-67.00	1.91	17.70	H
	21696	-54.33	-40	-14.33	-74.55	-71.12	1.99	18.78	H
	25314	-52.04	-40	-12.04	-77.54	-68.64	2.14	18.74	H
									H
	7230	-60.20	-40	-20.20	-61.22	-69.89	1.84	11.53	V
	10850	-55.72	-40	-15.72	-60.31	-64.05	2.57	10.90	V
	14462	-57.76	-40	-17.76	-67.29	-66.00	2.85	11.09	V
	18077	-47.79	-40	-7.79	-63.2	-64.02	1.76	17.98	V
	21696	-54.13	-40	-14.13	-74.34	-70.92	1.99	18.78	V
	25314	-50.46	-40	-10.46	-77.23	-67.06	2.14	18.74	V
									V
Highest	7360	-59.32	-40	-19.32	-60.7	-68.73	1.91	11.32	H
	11045	-58.82	-40	-18.82	-64.16	-67.14	2.63	10.95	H
	14724	-55.40	-40	-15.40	-66.89	-64.20	2.91	11.72	H
	18410	-52.33	-40	-12.33	-60.17	-68.12	1.91	17.70	H
	22086	-54.48	-40	-14.48	-75.39	-71.27	2.08	18.87	H
	25770	-51.73	-40	-11.73	-77.92	-68.75	2.03	19.05	H
									H
	7360	-59.46	-40	-19.46	-60.65	-68.87	1.91	11.32	V
	11045	-58.35	-40	-18.35	-63.52	-66.67	2.63	10.95	V
	14724	-57.31	-40	-17.31	-67.13	-66.11	2.91	11.72	V
	18410	-47.61	-40	-7.61	-63.81	-63.66	1.87	17.92	V
	22086	-54.16	-40	-14.16	-75.07	-70.95	2.08	18.87	V
	25770	-49.96	-40	-9.96	-77.33	-66.98	2.03	19.05	V
									V

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

—————THE END—————