

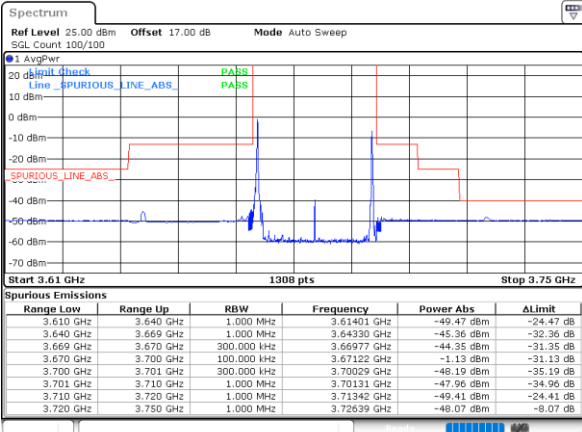


LTE Band 48C / 20MHz+10MHz

256QAM

Highest Band Edge / 1RB0 and 1RB49

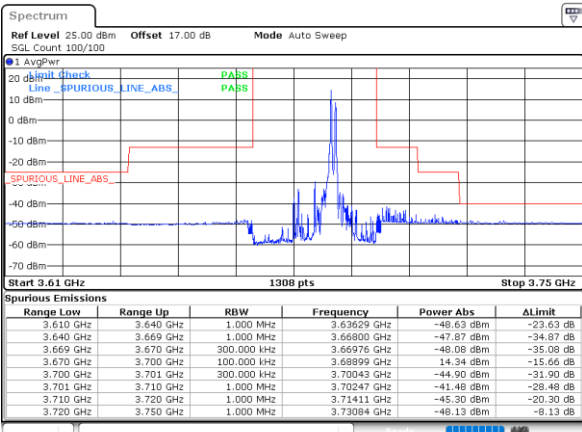
N/A



Date: 1.DEC.2021 21:53:06

Highest Band Edge / 1RB99 and 1RB0

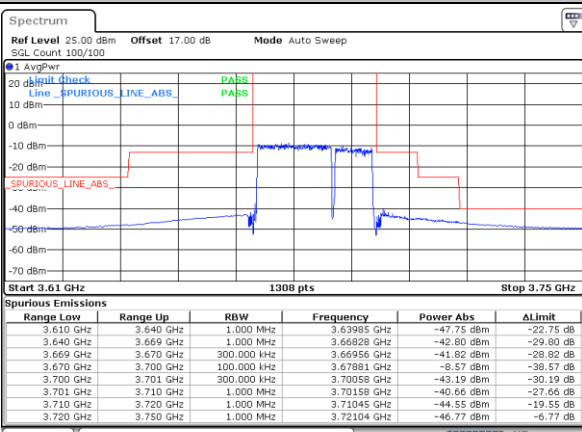
N/A



Date: 1.DEC.2021 22:01:58

Highest Band Edge / Full RB

N/A



Date: 1.DEC.2021 21:44:57

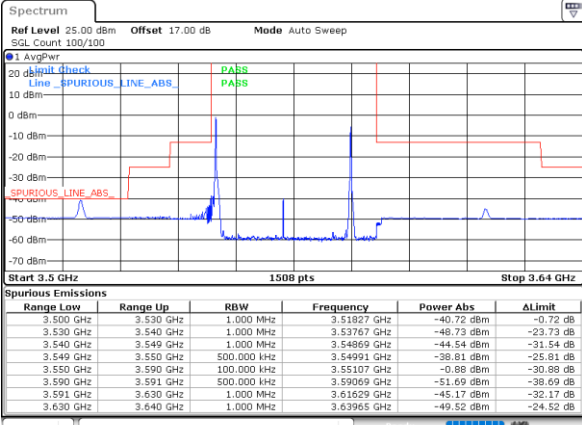


LTE Band 48C / 20MHz+15MHz

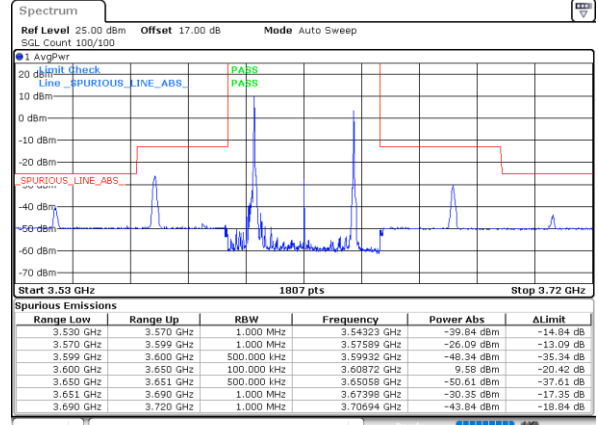
256QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74



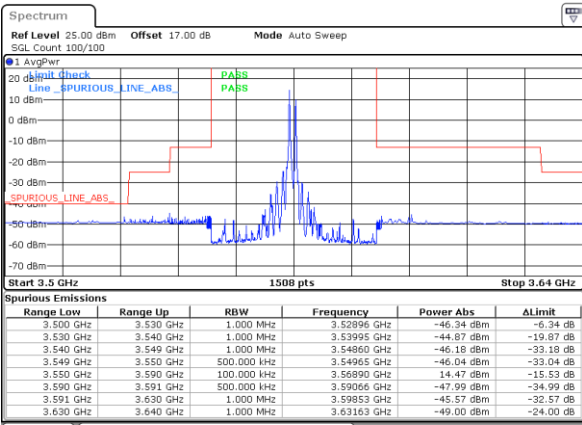
Date: 1.DEC.2021 22:23:11



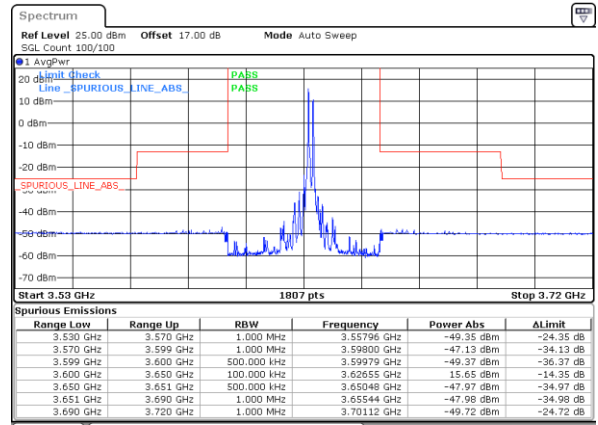
Date: 23.DEC.2021 09:50:47

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0



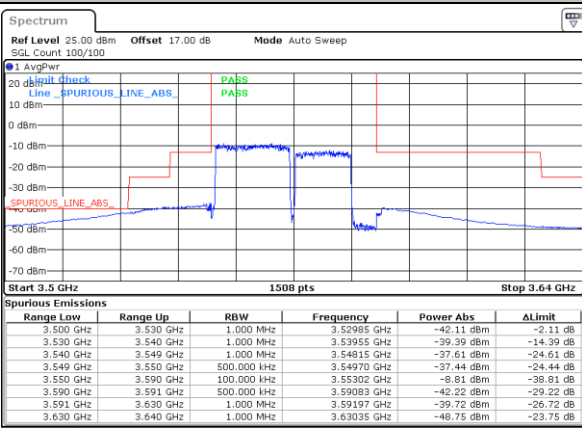
Date: 1.DEC.2021 22:52:08



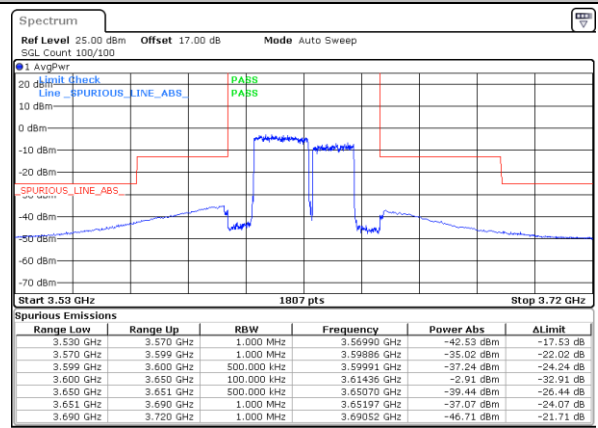
Date: 23.DEC.2021 09:59:04

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 1.DEC.2021 22:15:00



Date: 23.DEC.2021 09:43:15

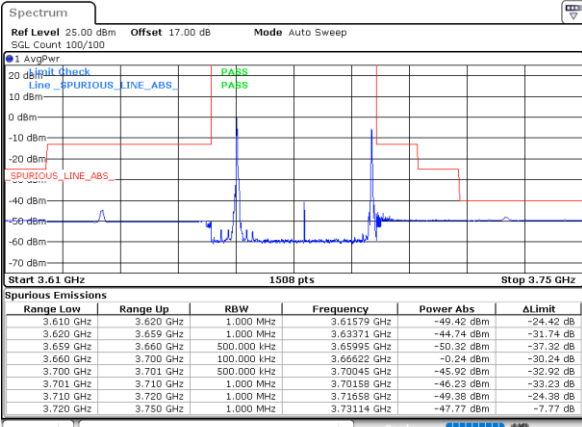


LTE Band 48C / 20MHz+15MHz

256QAM

Highest Band Edge / 1RB0 and 1RB74

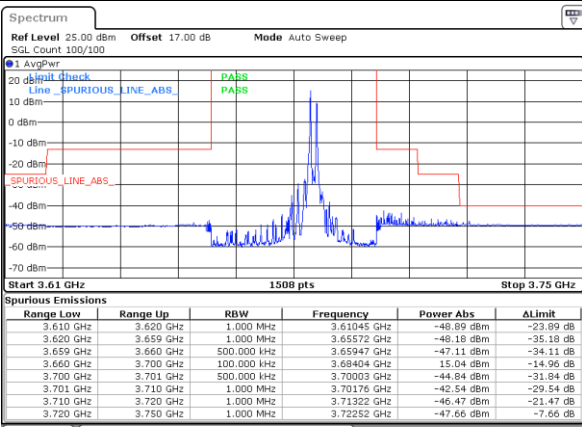
N/A



Date: 1.DEC.2021 23:02:11

Highest Band Edge / 1RB99 and 1RB0

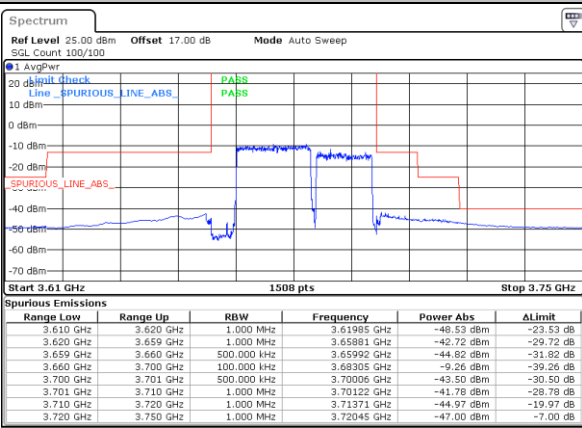
N/A



Date: 1.DEC.2021 23:11:05

Highest Band Edge / Full RB

N/A



Date: 1.DEC.2021 22:54:02

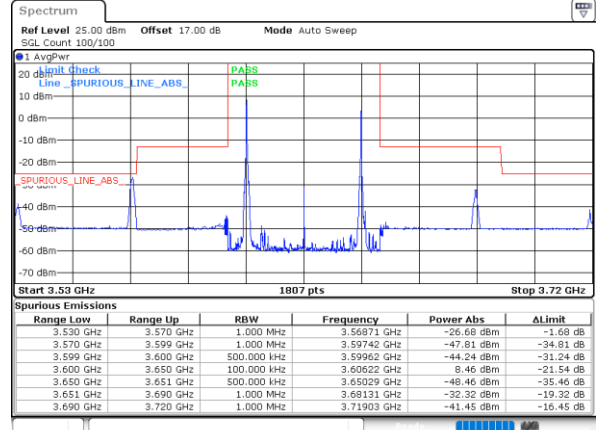
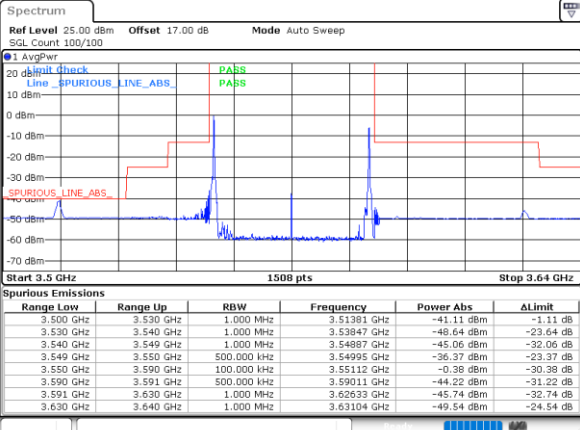


LTE Band 48C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Middle Band Edge / 1RB0 and 1RB9

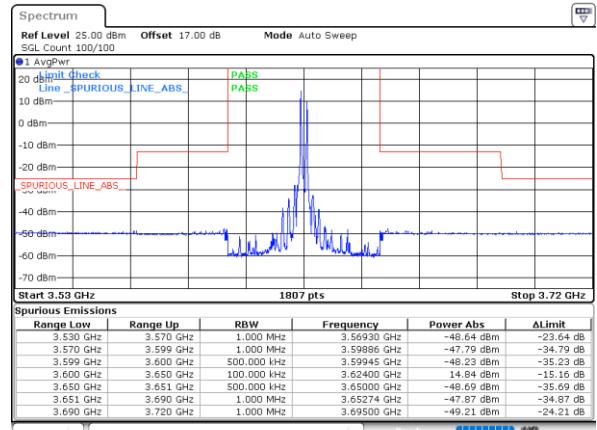
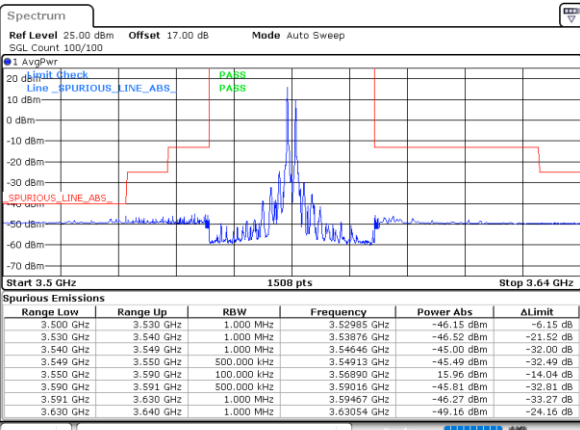


Date: 1.DEC.2021 12:48:16

Date: 23.DEC.2021 00:45:42

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

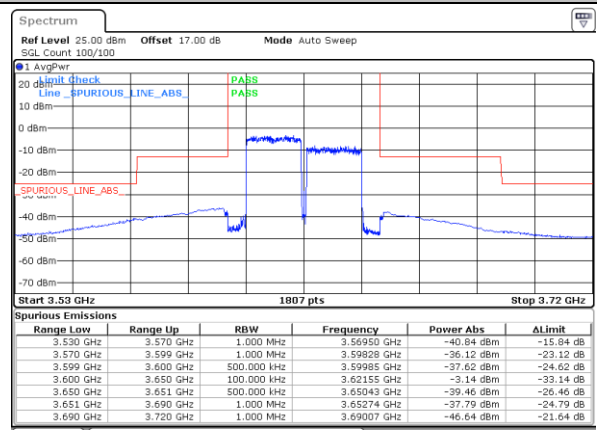
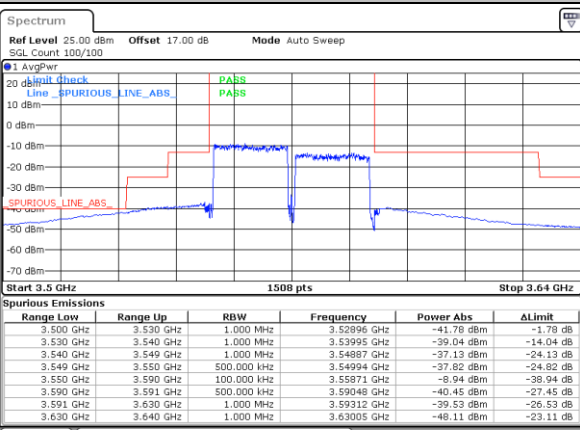


Date: 1.DEC.2021 12:57:11

Date: 23.DEC.2021 00:45:06

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 1.DEC.2021 12:40:07

Date: 23.DEC.2021 00:38:02

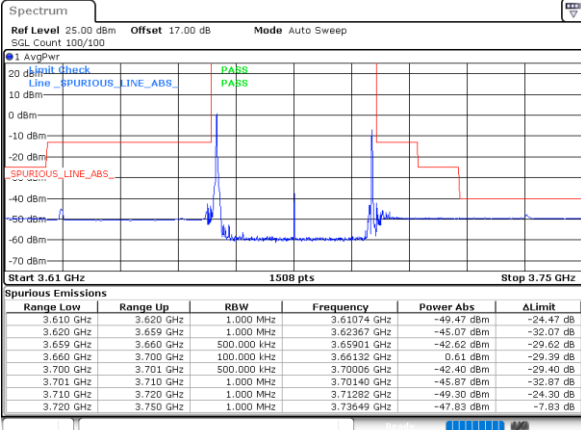


LTE Band 48C / 20MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB9

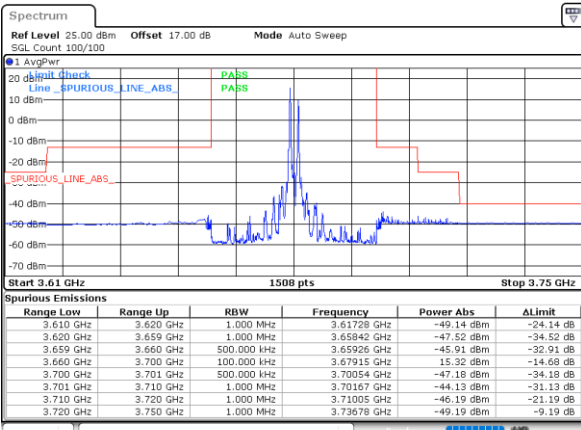
N/A



Date: 1.DEC.2021 13:17:53

Highest Band Edge / 1RB99 and 1RB0

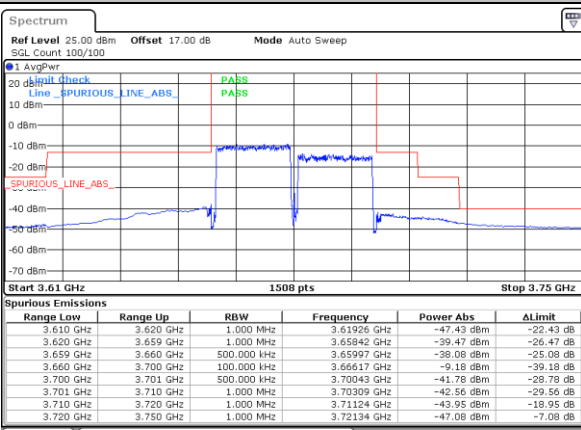
N/A



Date: 1.DEC.2021 13:27:31

Highest Band Edge / Full RB

N/A



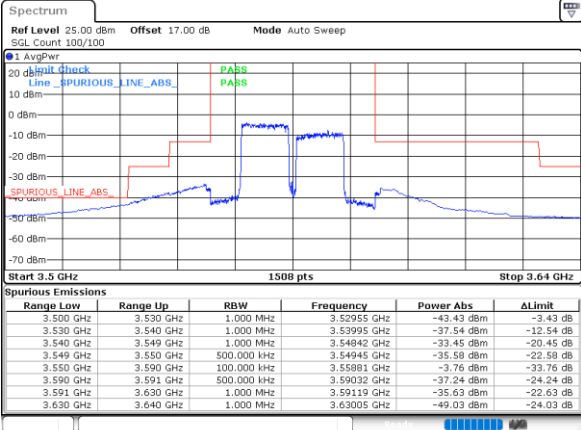
Date: 1.DEC.2021 13:09:45



LTE Band 48C / 20MHz+20MHz

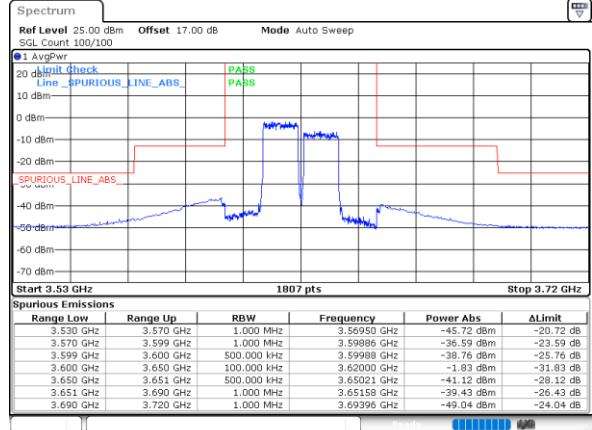
256QAM

Lowest Band Edge / 64RB36 and 64RB0



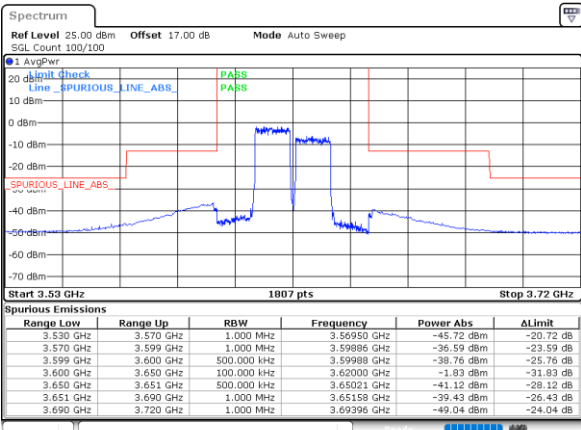
Date: 28. DEC. 2021 19:32:36

Lowest Band Edge / 48RB52 and 64RB0



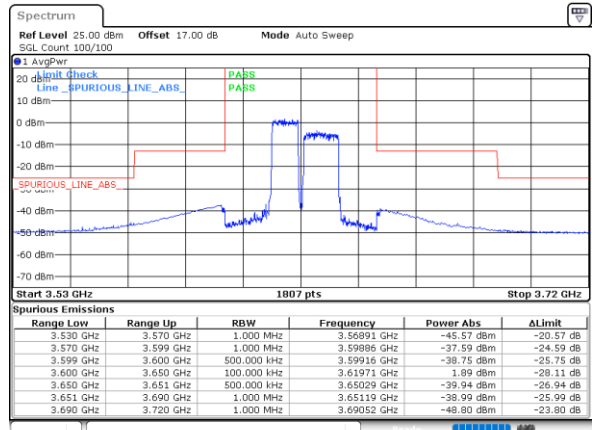
Date: 28. DEC. 2021 20:19:04

Middle Band Edge / 64RB36 and 64RB0



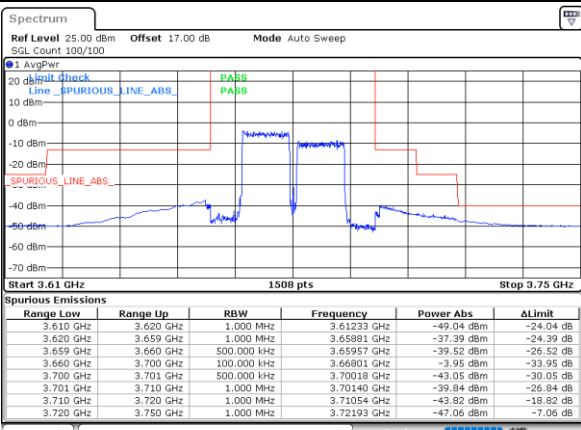
Date: 28. DEC. 2021 20:19:04

Middle Band Edge / 48RB52 and 64RB0



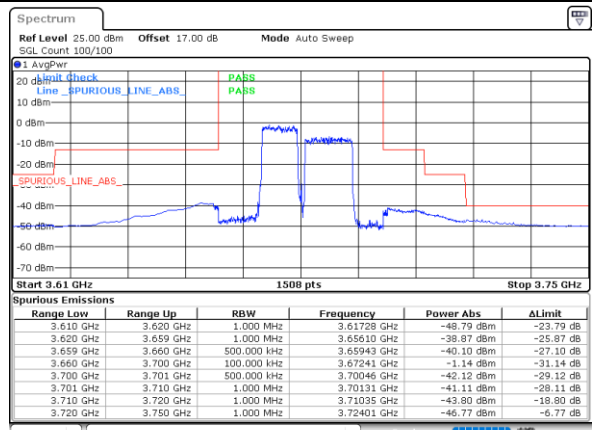
Date: 28. DEC. 2021 20:16:48

Highest Band Edge / 64RB36 and 64RB0



Date: 28. DEC. 2021 20:24:15

Highest Band Edge / 48RB52 and 64RB0



Date: 28. DEC. 2021 20:26:50



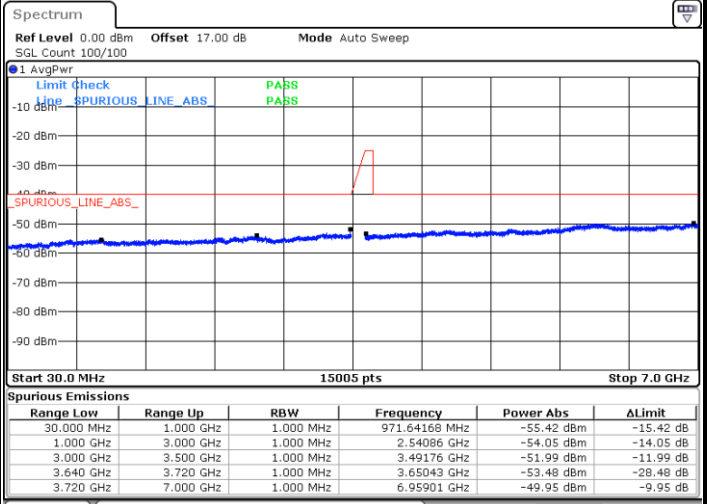
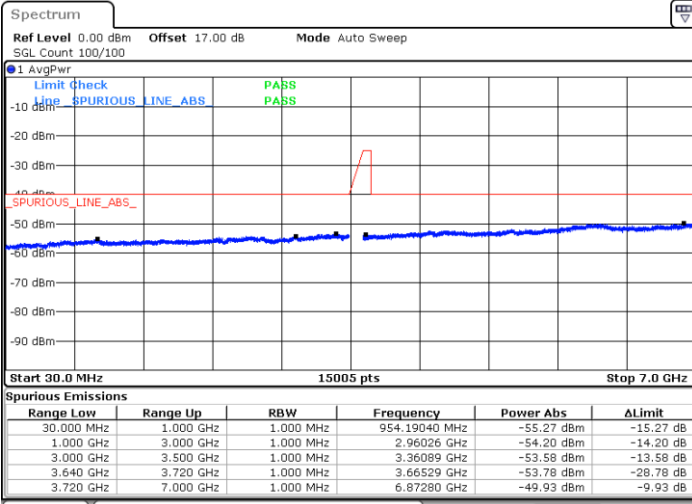
# Conducted Spurious Emission

## LTE Band 48C / 5MHz+20MHz

### QPSK

#### Lowest Channel / 1RB0 and 1RB99

#### Lowest Channel / 1RB24 and 1RB0

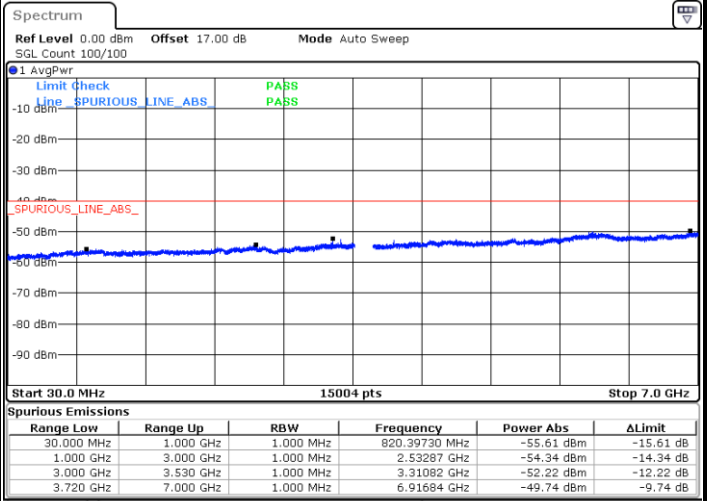
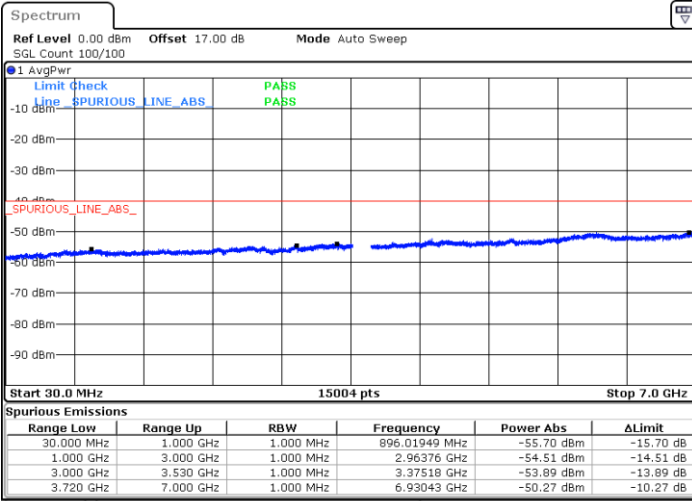


Date: 1.DEC.2021 08:18:46

Date: 1.DEC.2021 08:24:13

#### Middle Channel / 1RB0 and 1RB99

#### Middle Channel / 1RB24 and 1RB0



Date: 23.DEC.2021 16:48:25

Date: 23.DEC.2021 16:57:39

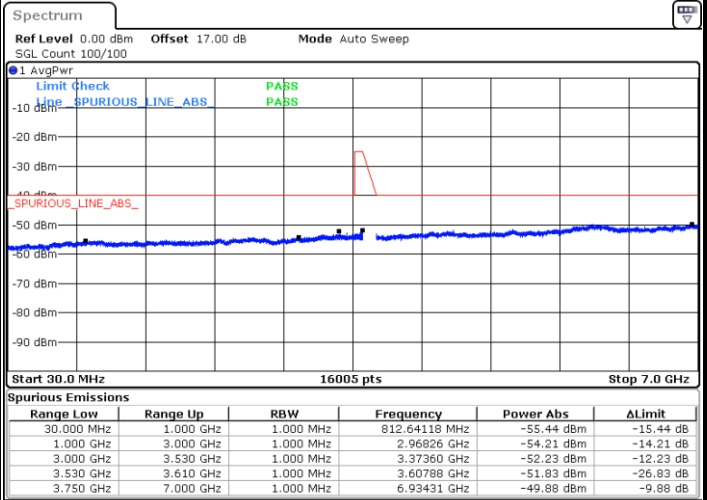
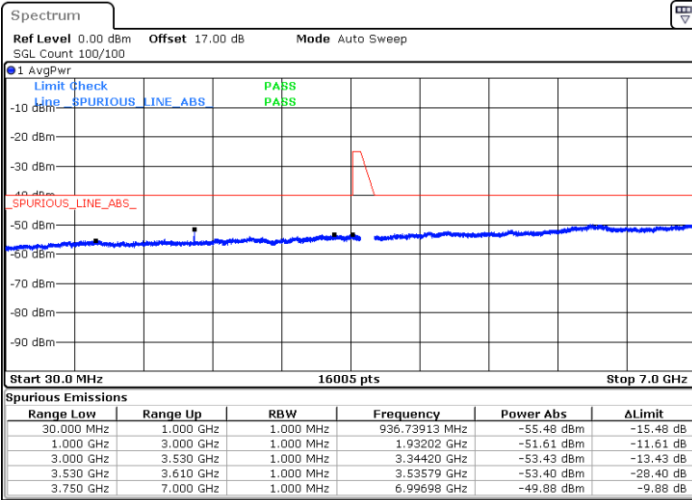


LTE Band 48C / 5MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Date: 1.DEC.2021 09:01:01

Date: 1.DEC.2021 09:10:41



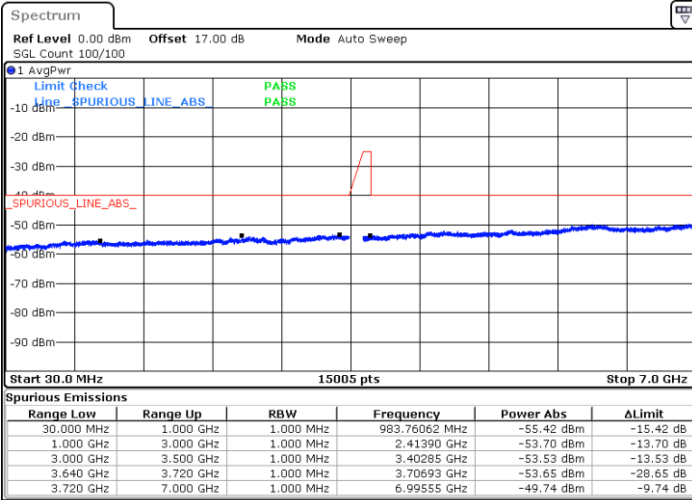


LTE Band 48C / 10MHz+20MHz

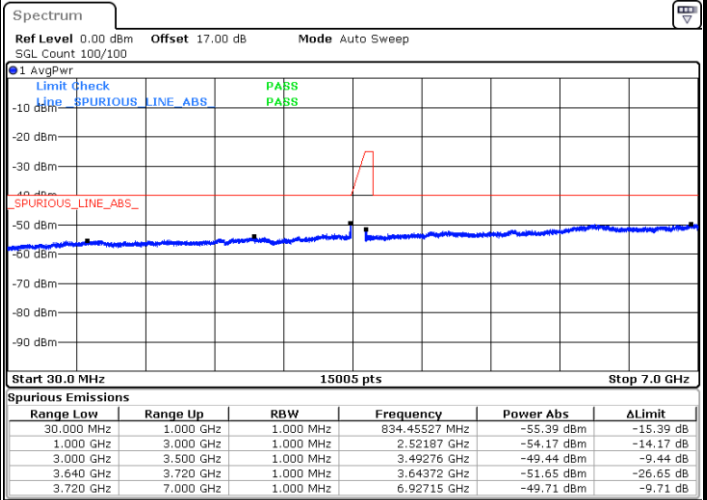
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



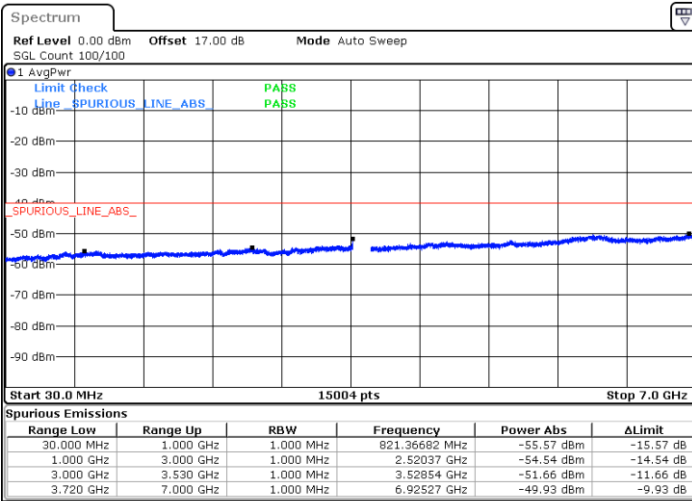
Date: 1.DEC.2021 18:00:35



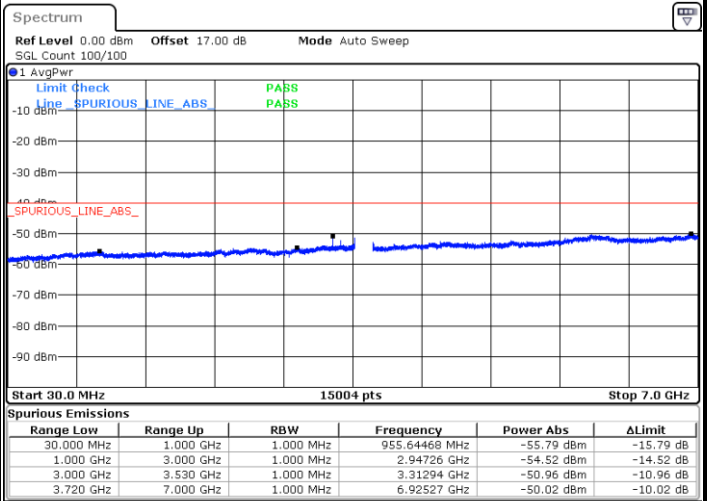
Date: 1.DEC.2021 18:09:27

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 23.DEC.2021 15:00:53



Date: 23.DEC.2021 15:09:02

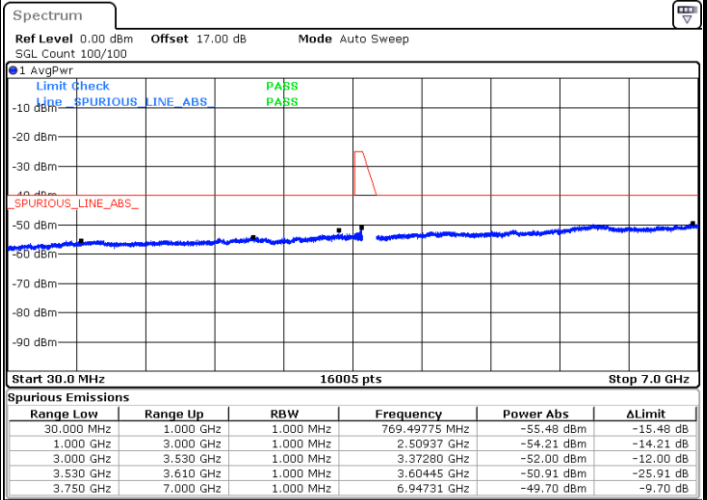
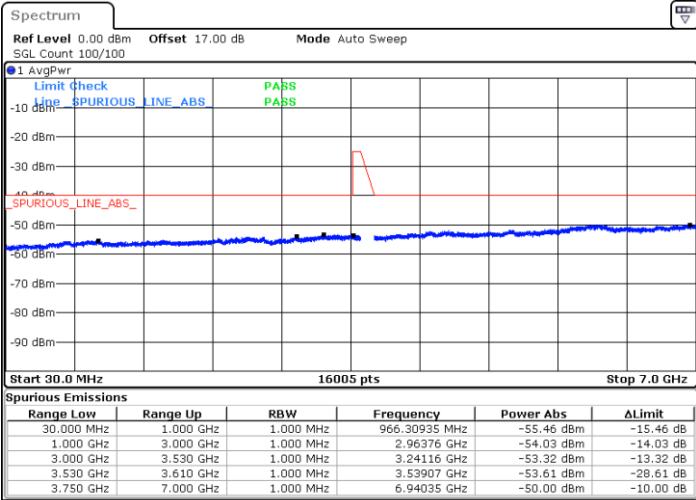


LTE Band 48C / 10MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 1.DEC.2021 18:36:19

Date: 1.DEC.2021 18:45:11

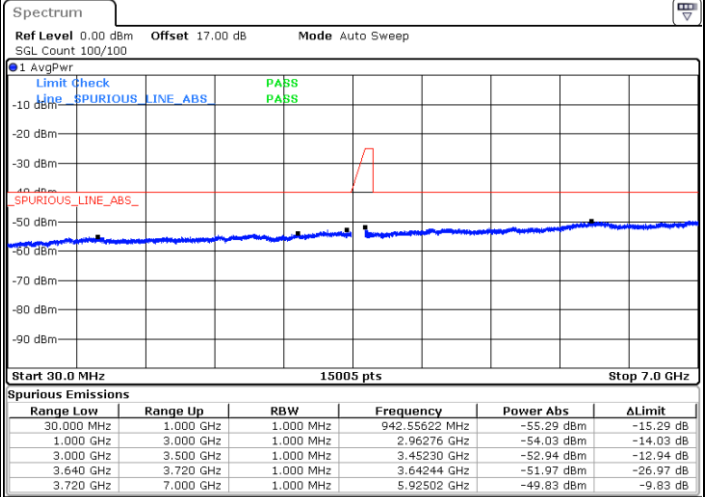
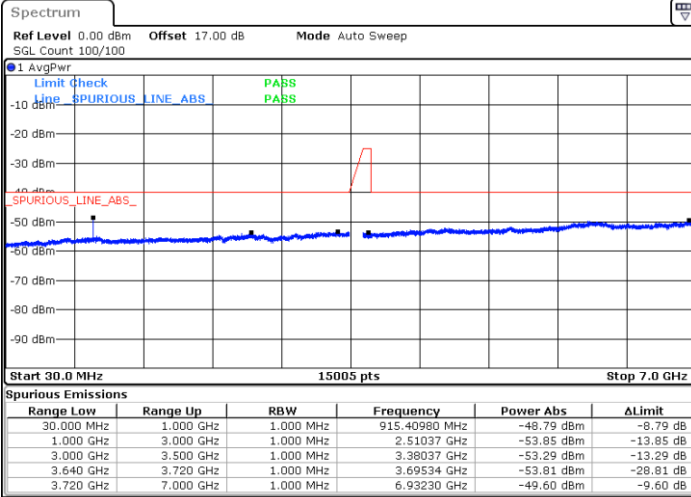


LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

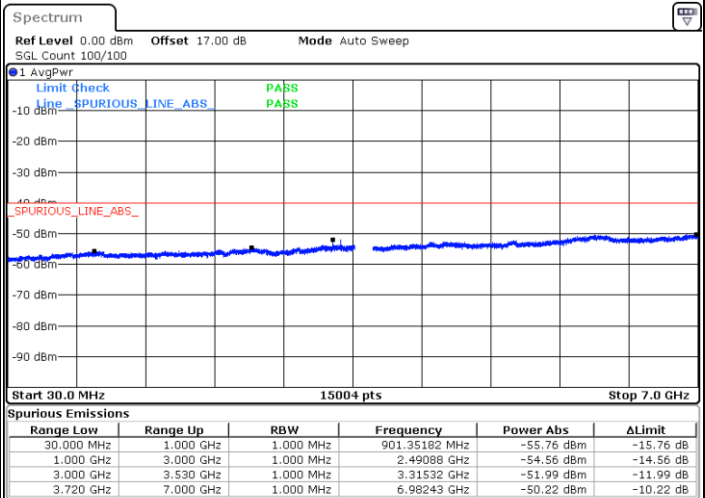
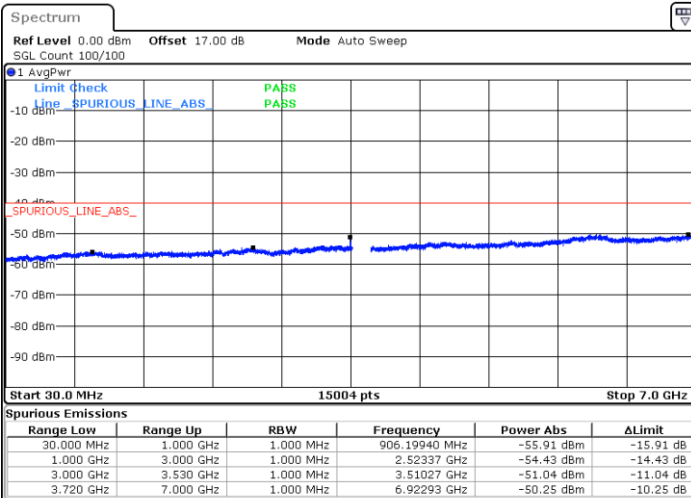


Date: 1.DEC.2021 19:05:35

Date: 1.DEC.2021 20:24:17

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 23.DEC.2021 10:51:24

Date: 23.DEC.2021 10:59:41

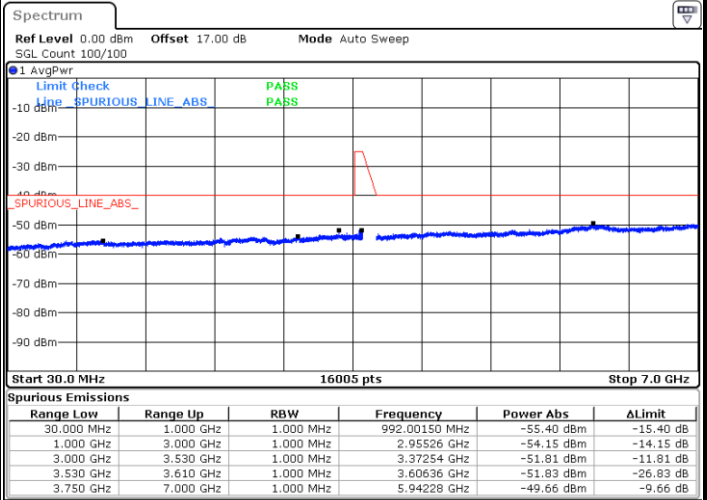
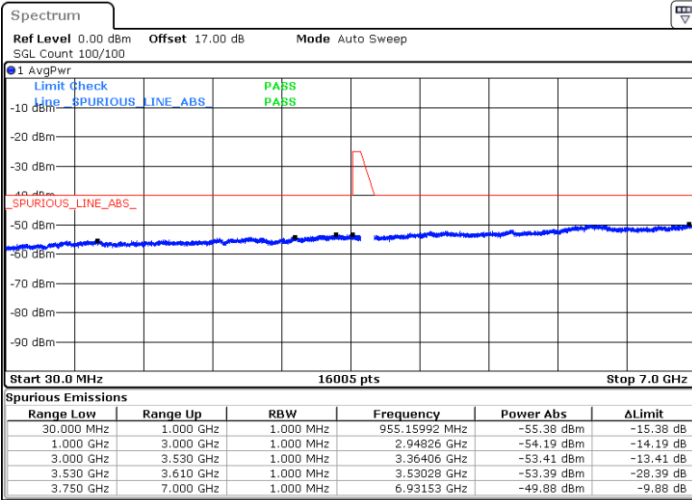


LTE Band 48C / 15MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 1.DEC.2021 20:46:08

Date: 1.DEC.2021 20:55:02

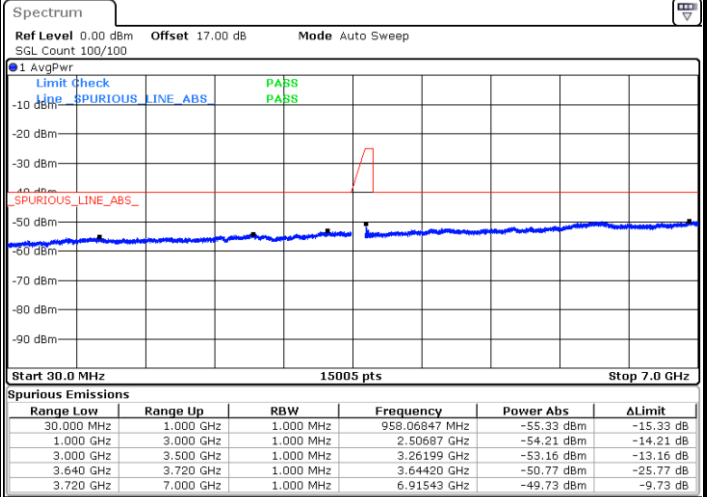
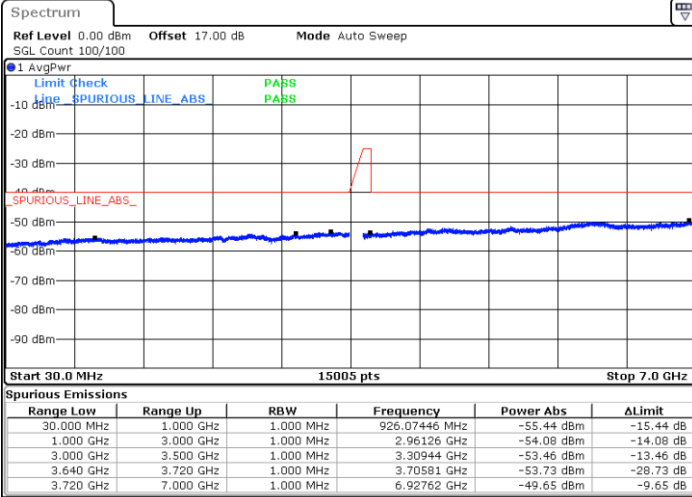


LTE Band 48C / 20MHz+5MHz

QPSK

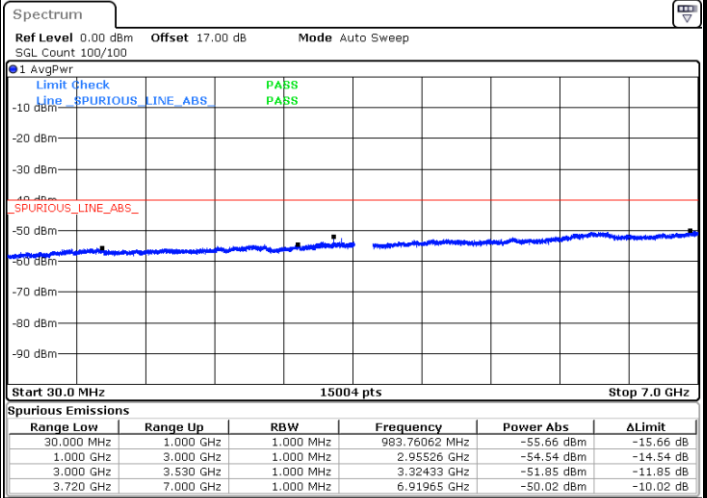
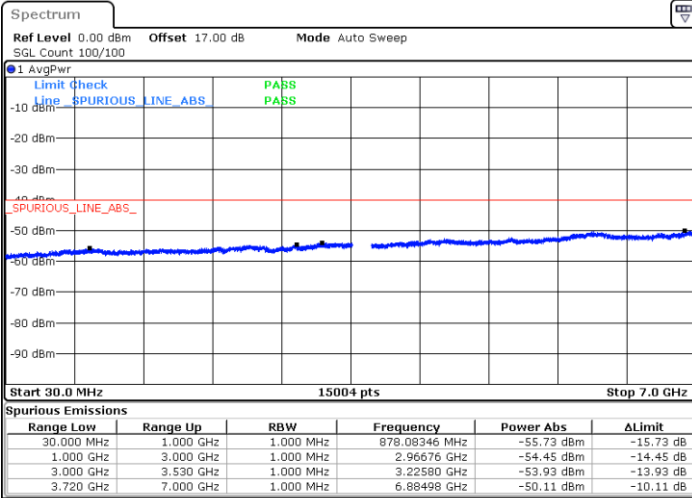
Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



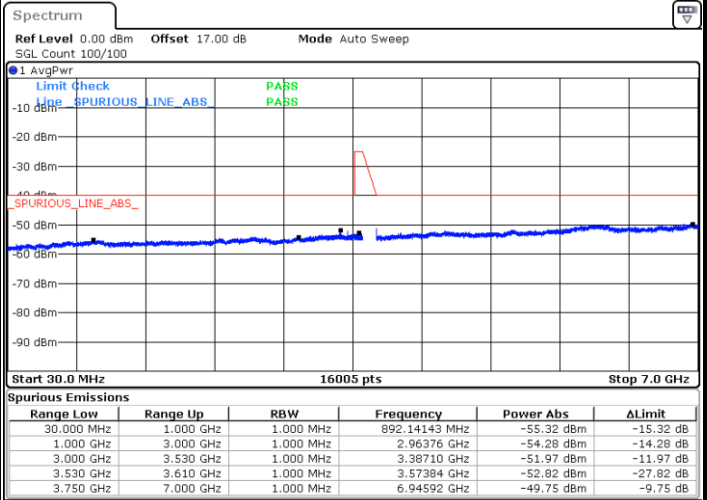
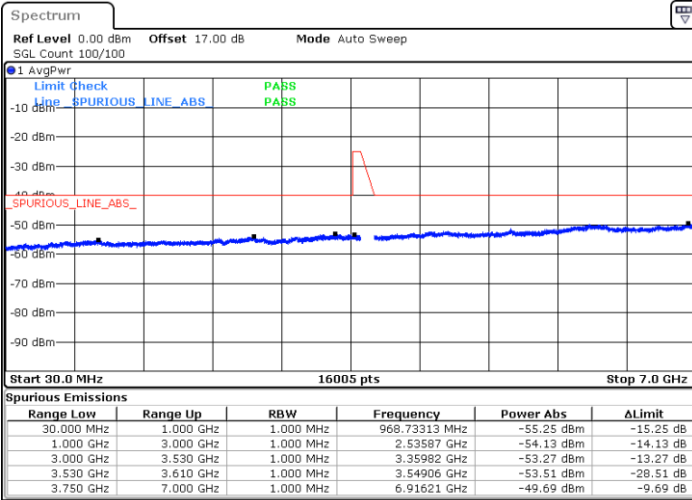


LTE Band 48C / 20MHz+5MHz

QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 1.DEC.2021 14:51:26

Date: 1.DEC.2021 15:00:18

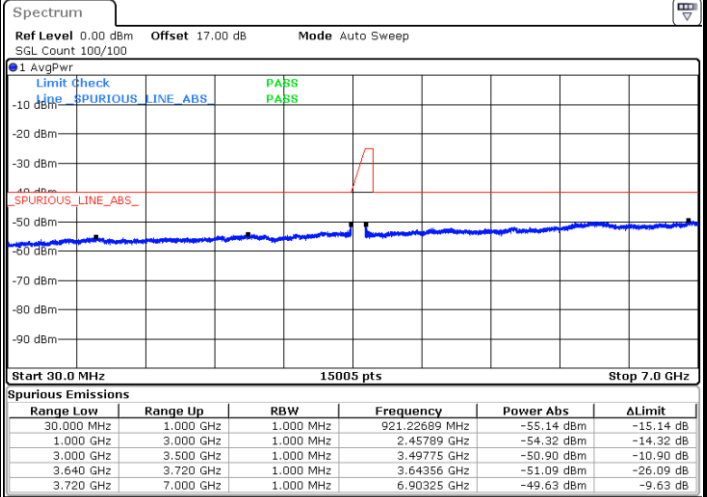
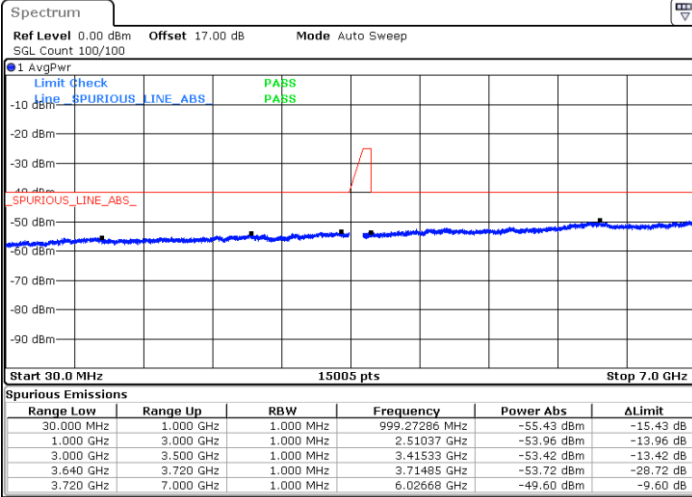


LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

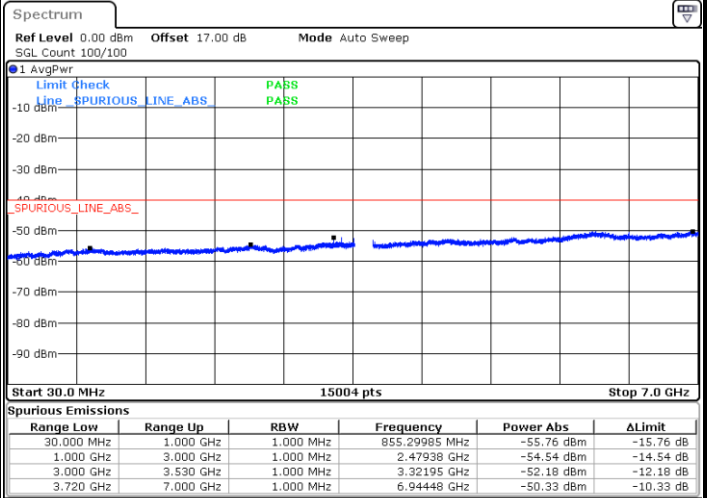
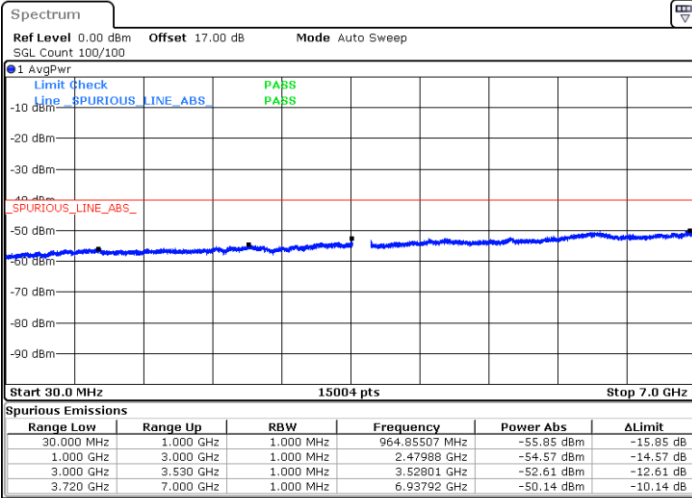


Date: 1.DEC.2021 21:20:10

Date: 1.DEC.2021 21:29:04

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 23.DEC.2021 14:02:45

Date: 23.DEC.2021 14:10:53

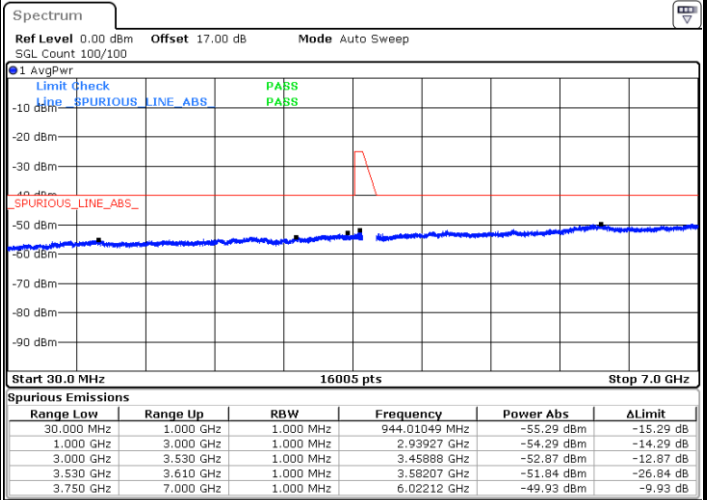
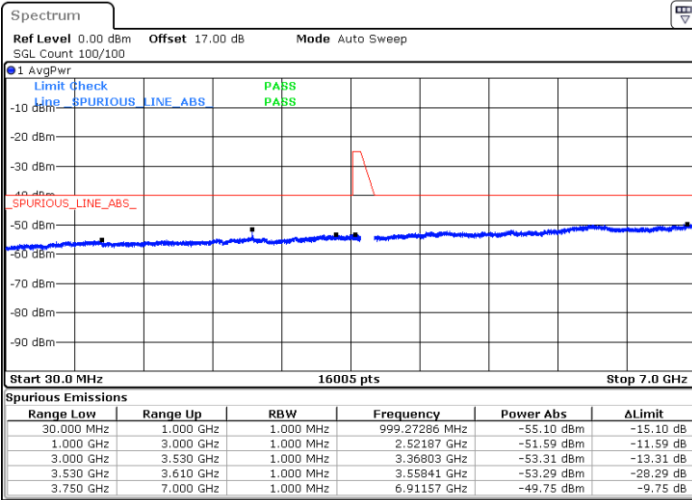


LTE Band 48C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 1.DEC.2021 21:47:45

Date: 1.DEC.2021 21:56:38



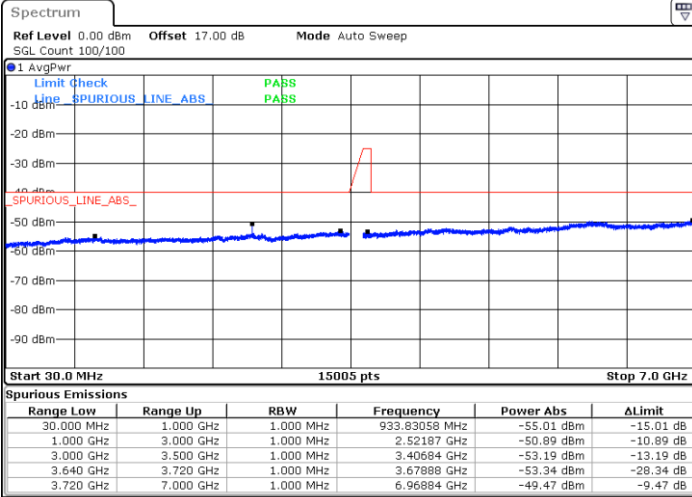


LTE Band 48C / 20MHz+15MHz

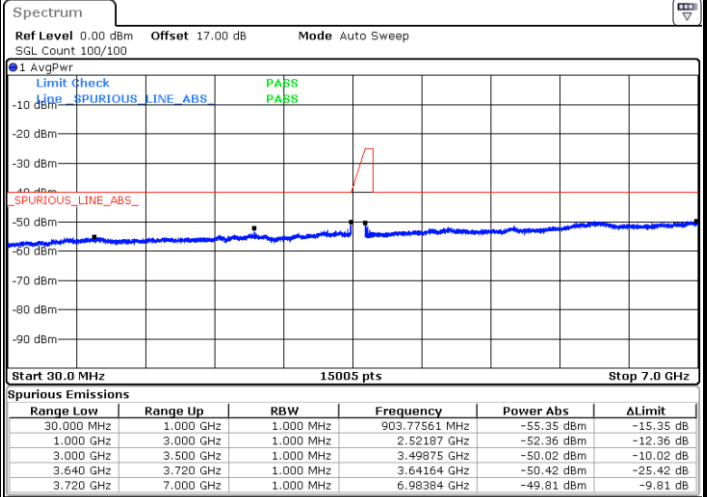
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



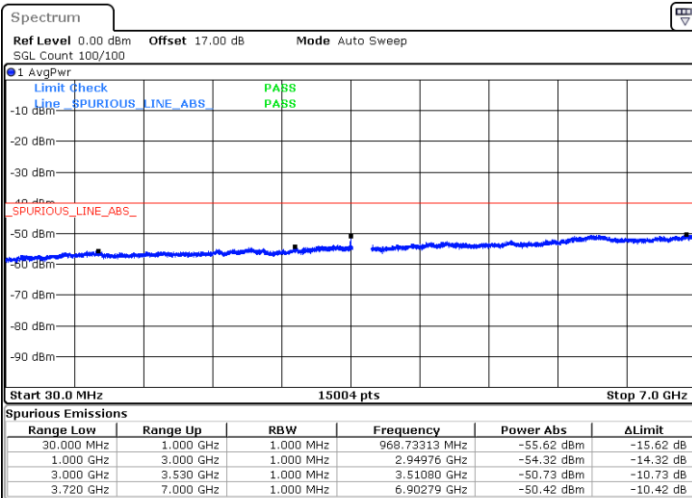
Date: 1.DEC.2021 22:17:49



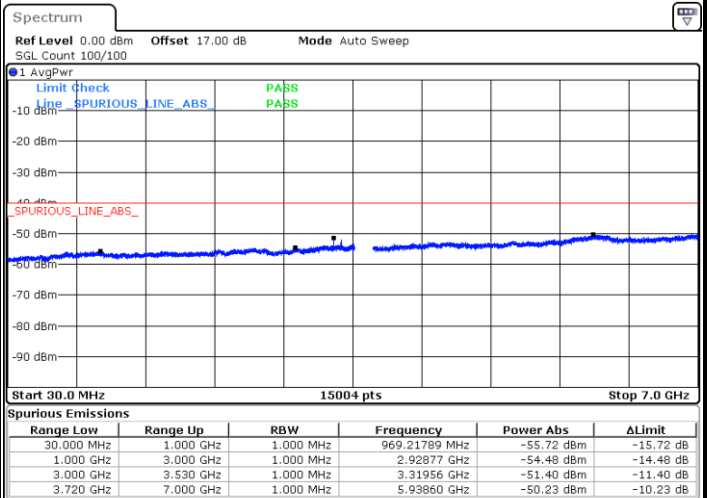
Date: 1.DEC.2021 22:26:45

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 23.DEC.2021 09:45:55



Date: 23.DEC.2021 09:54:11

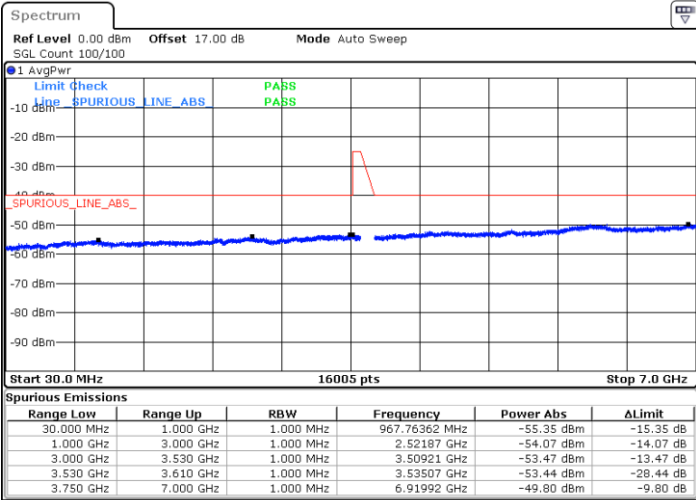


LTE Band 48C / 20MHz+15MHz

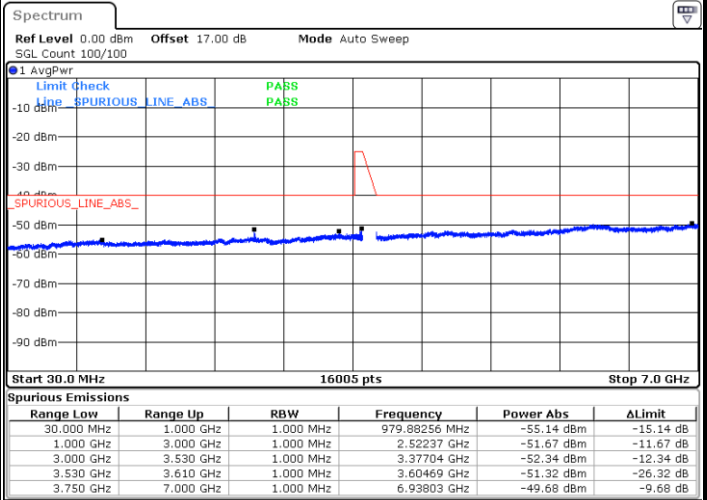
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 1.DEC.2021 22:56:50



Date: 1.DEC.2021 23:05:43

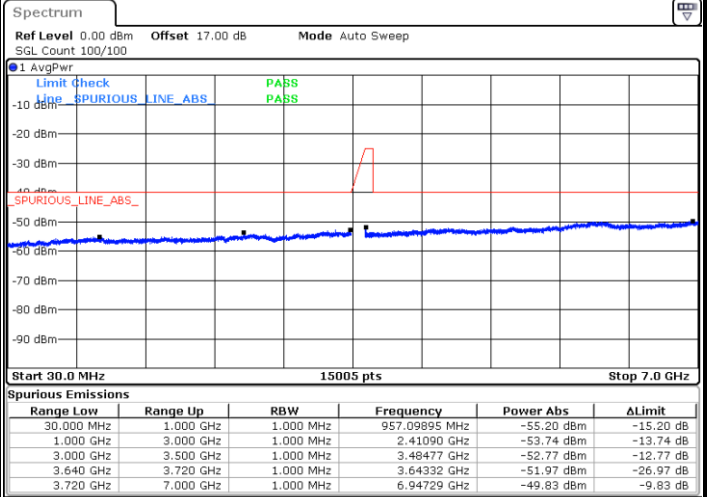
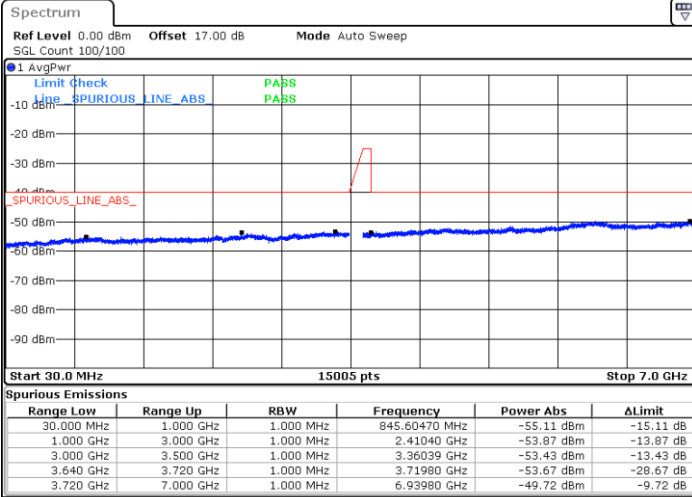


LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

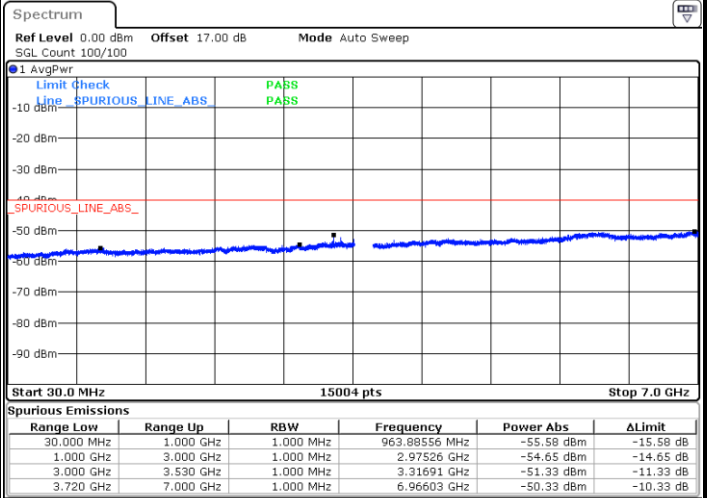
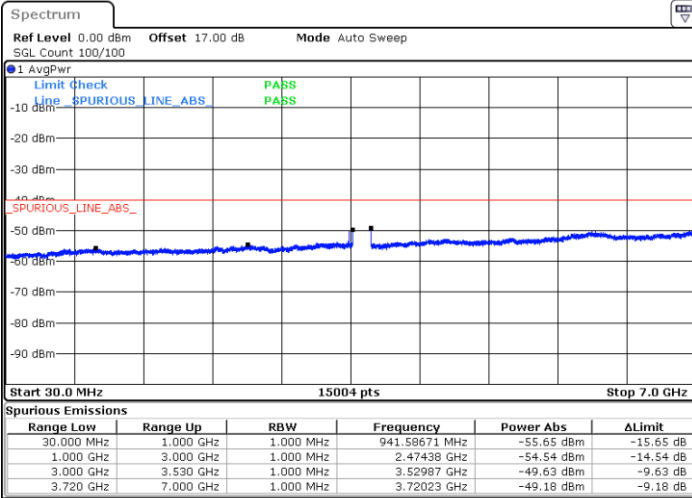


Date: 1.DEC.2021 12:42:55

Date: 1.DEC.2021 12:51:50

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 23.DEC.2021 00:40:45

Date: 23.DEC.2021 00:49:10

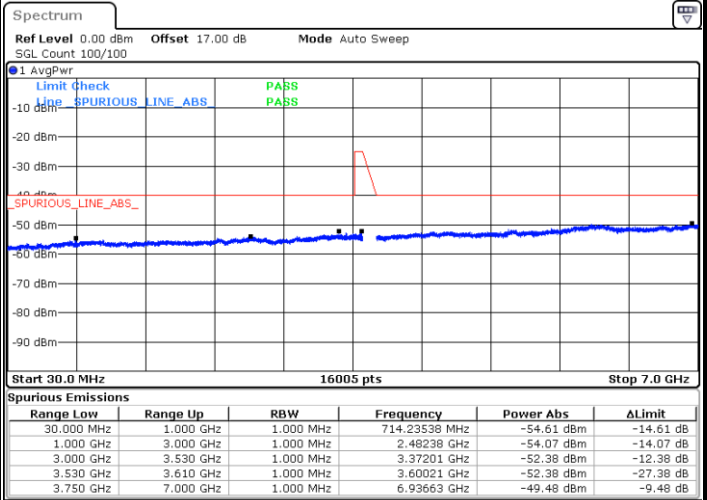
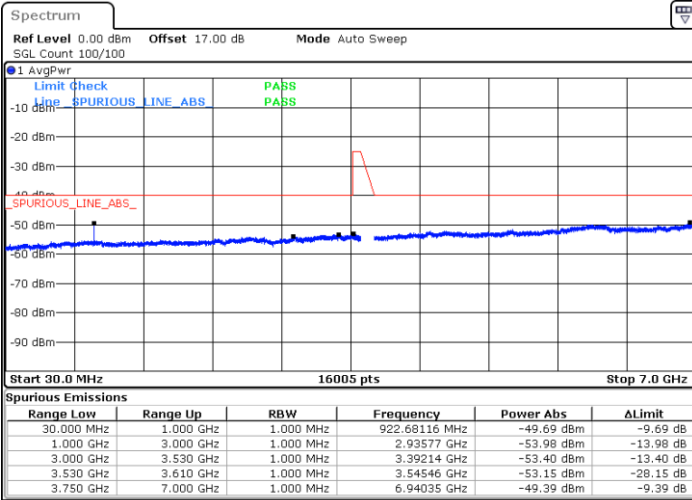


LTE Band 48C / 20MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 1.DEC.2021 13:12:33

Date: 1.DEC.2021 13:21:25



# Appendix B. Test Results of Radiated Test

<Internal Ant. 1>

## 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	-52.33	-40	-12.33	-53.19	-62.30	1.77	11.74	H
	10655	-57.08	-40	-17.08	-61.47	-65.51	2.47	10.90	H
	14205	-55.28	-40	-15.28	-65.64	-64.12	2.87	11.71	H
	21307	-51.38	-40	-11.38	-73.19	-68.10	1.98	18.70	H
	24859	-46.69	-40	-6.69	-71.45	-62.70	2.07	18.07	H
	28411	-51.25	-40	-11.25	-76.56	-68.50	2.32	19.56	H
									H
	7100	-54.49	-40	-14.49	-54.96	-64.46	1.77	11.74	V
	10655	-57.04	-40	-17.04	-61.17	-65.47	2.47	10.90	V
	14205	-56.91	-40	-16.91	-66.99	-65.75	2.87	11.71	V
	21307	-53.83	-40	-13.83	-75.51	-70.55	1.98	18.70	V
	24859	-48.47	-40	-8.47	-66.38	-65.11	2.48	19.12	V
	28411	-48.34	-40	-8.34	-75.47	-65.59	2.32	19.56	V
									V



Middle	7230	-53.37	-40	-13.37	-54.65	-63.06	1.84	11.53	H
	10850	-58.18	-40	-18.18	-62.98	-66.51	2.57	10.90	H
	14462	-54.69	-40	-14.69	-65.04	-62.93	2.85	11.09	H
	18077	-44.31	-40	-4.31	-62.25	-60.54	1.76	17.98	H
	21696	-52.66	-40	-12.66	-74.06	-69.45	1.99	18.78	H
	25314	-48.84	-40	-8.84	-74.04	-65.44	2.14	18.74	H
									H
	7230	-57.71	-40	-17.71	-58.73	-67.40	1.84	11.53	V
	10850	-58.68	-40	-18.68	-63.27	-67.01	2.57	10.90	V
	14462	-54.31	-40	-14.31	-63.84	-62.55	2.85	11.09	V
	18077	-52.78	-40	-12.78	-69.79	-69.01	1.76	17.98	V
	21696	-53.54	-40	-13.54	-74.93	-70.33	1.99	18.78	V
	25314	-49.82	-40	-9.82	-76.29	-66.42	2.14	18.74	V
									V
Highest	7360	-52.42	-40	-12.42	-53.8	-61.83	1.91	11.32	H
	11045	-57.18	-40	-17.18	-62.52	-65.50	2.63	10.95	H
	14724	-51.28	-40	-11.28	-62.77	-60.08	2.91	11.72	H
	18410	-49.79	-40	-9.79	-68.07	-65.84	1.87	17.92	H
	22086	-45.74	-40	-5.74	-67.65	-62.53	2.08	18.87	H
	25770	-50.24	-40	-10.24	-76.13	-67.26	2.03	19.05	H
									H
	7360	-53.61	-40	-13.61	-54.8	-63.02	1.91	11.32	V
	11045	-58.50	-40	-18.50	-63.67	-66.82	2.63	10.95	V
	14724	-56.20	-40	-16.20	-66.02	-65.00	2.91	11.72	V
	18410	-53.26	-40	-13.26	-70.66	-69.31	1.87	17.92	V
	22086	-50.93	-40	-10.93	-72.84	-67.72	2.08	18.87	V
	25770	-49.89	-40	-9.89	-76.96	-66.91	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	-56.10	-40	-16.10	-57.11	-65.98	1.80	11.68	H
	10705	-58.66	-40	-18.66	-63.15	-67.06	2.50	10.90	H
	14279	-54.20	-40	-14.20	-64.56	-62.87	2.86	11.53	H
	21418	-54.25	-40	-14.25	-75.8	-71.00	1.95	18.70	H
	24981	-46.17	-40	-6.17	-70.93	-62.36	2.08	18.27	H
	28556	-50.91	-40	-10.91	-76.14	-68.13	2.31	19.53	H
									H
	7140	-58.70	-40	-18.70	-59.36	-68.58	1.80	11.68	V
	10705	-58.69	-40	-18.69	-62.94	-67.09	2.50	10.90	V
	14279	-56.71	-40	-16.71	-66.64	-65.38	2.86	11.53	V
	21418	-54.92	-40	-14.92	-76.4	-71.67	1.95	18.70	V
	24981	-47.17	-40	-7.17	-73.08	-63.36	2.08	18.27	V
	28556	-48.89	-40	-8.89	-75.99	-66.11	2.31	19.53	V
									V



Middle	7250	-56.16	-40	-16.16	-57.46	-65.81	1.86	11.50	H
	10870	-58.27	-40	-18.27	-63.11	-66.59	2.58	10.90	H
	14498	-52.25	-40	-12.25	-62.6	-60.40	2.85	11.00	H
	18122	-48.70	-40	-8.70	-66.68	-64.90	1.77	17.98	H
	21751	-54.43	-40	-14.43	-75.85	-71.22	2.01	18.80	H
	25370	-48.41	-40	-8.41	-73.69	-65.08	2.15	18.82	H
									H
	7250	-58.61	-40	-18.61	-59.66	-68.26	1.86	11.50	V
	10870	-58.21	-40	-18.21	-62.85	-66.53	2.58	10.90	V
	14498	-57.62	-40	-17.62	-67.07	-65.77	2.85	11.00	V
	18122	-46.91	-40	-6.91	-63.97	-63.11	1.77	17.98	V
	21751	-54.69	-40	-14.69	-76.1	-71.48	2.01	18.80	V
	25370	-48.11	-40	-8.11	-74.67	-64.78	2.15	18.82	V
									V
Highest	7360	-53.33	-40	-13.33	-54.71	-62.74	1.91	11.32	H
	11040	-59.11	-40	-19.11	-64.4	-67.42	2.63	10.95	H
	14718	-54.62	-40	-14.62	-66.06	-63.41	2.91	11.70	H
	18399	-51.63	-40	-11.63	-69.89	-67.68	1.87	17.92	H
	22073	-51.80	-40	-11.80	-73.65	-68.59	2.08	18.87	H
	25758	-50.30	-40	-10.30	-76.16	-67.32	2.04	19.05	H
									H
	7360	-52.28	-40	-12.28	-53.47	-61.69	1.91	11.32	V
	11040	-59.00	-40	-19.00	-64.12	-67.31	2.63	10.95	V
	14718	-56.38	-40	-16.38	-66.19	-65.17	2.91	11.70	V
	18399	-49.29	-40	-9.29	-66.67	-65.34	1.87	17.92	V
	22073	-52.79	-40	-12.79	-74.64	-69.58	2.08	18.87	V
	25758	-47.42	-40	-7.42	-74.47	-64.44	2.04	19.05	V
									V

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