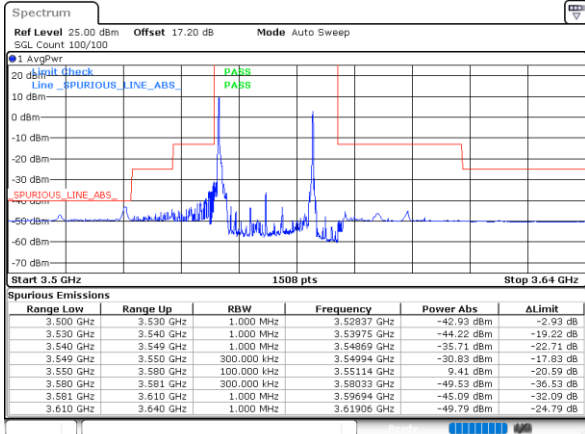




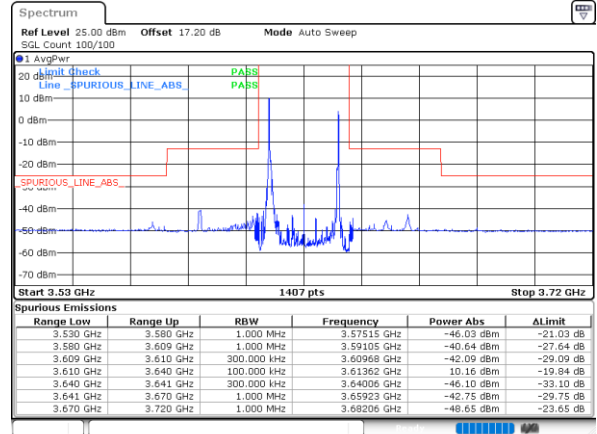
LTE Band 48C/ 20MHz+5MHz

256QAM

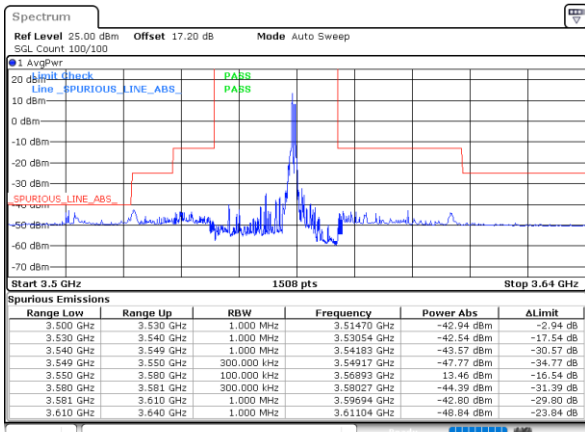
Lowest Band Edge / 1RB0 and 1RB24



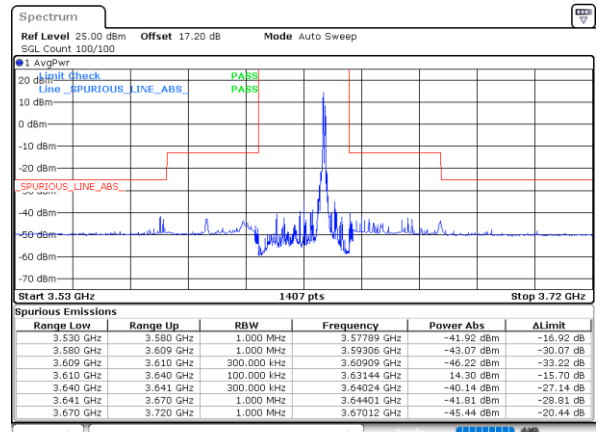
Middle Band Edge / 1RB0 and 1RB24



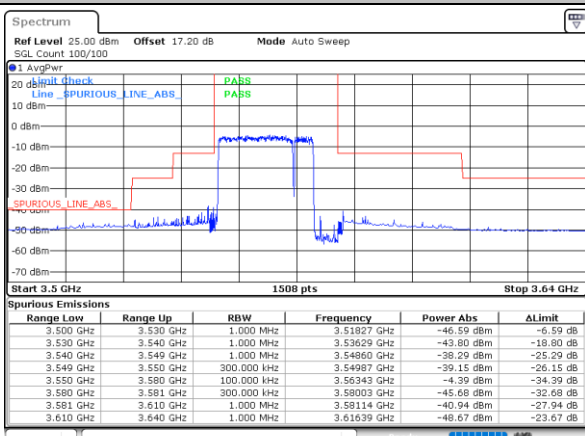
Lowest Band Edge / 1RB99 and 1RB0



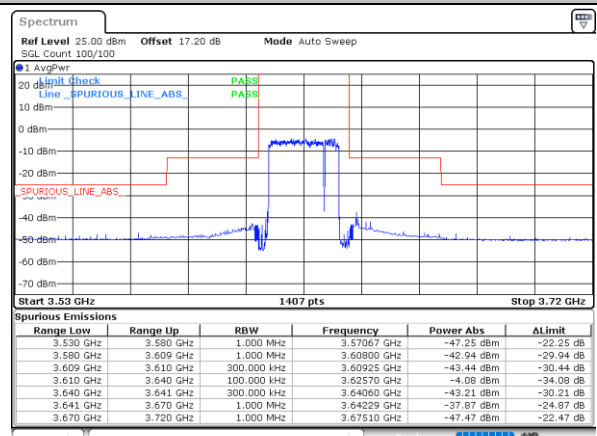
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



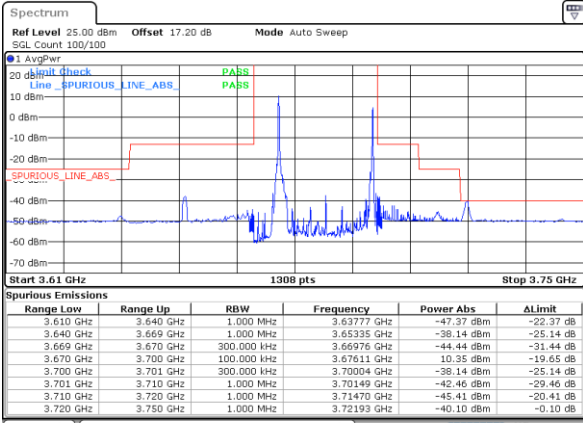


LTE Band 48C / 20MHz+5MHz

256QAM

Highest Band Edge / 1RB0 and 1RB24

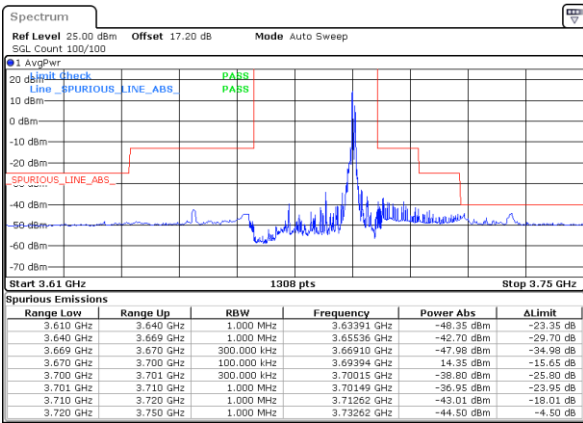
N/A



Date: 31_JAN_2022 07:21:50

Highest Band Edge / 1RB99 and 1RB0

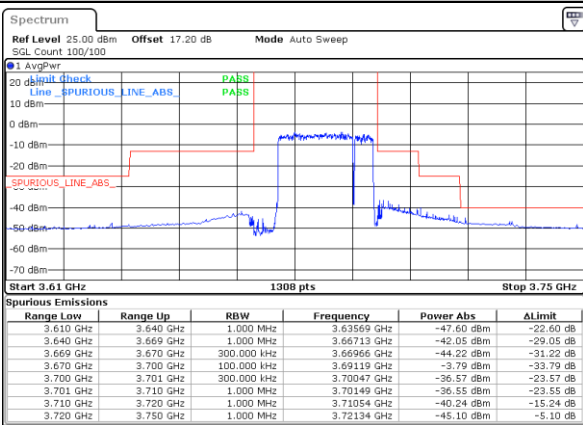
N/A



Date: 31_JAN_2022 07:34:05

Highest Band Edge / Full RB

N/A



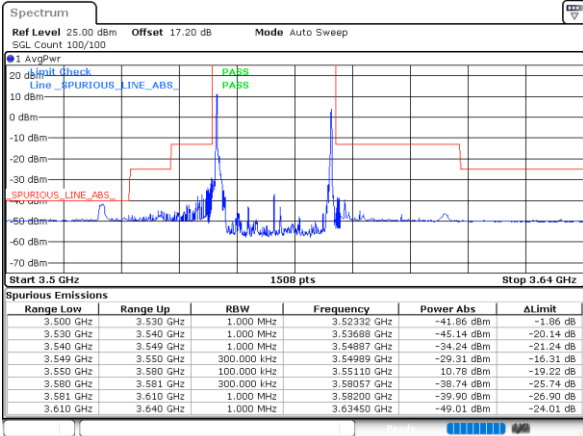
Date: 31_JAN_2022 07:12:38



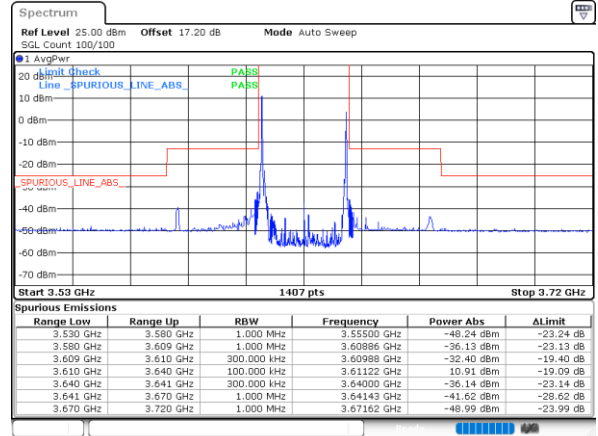
LTE Band 48C / 20MHz+10MHz

256QAM

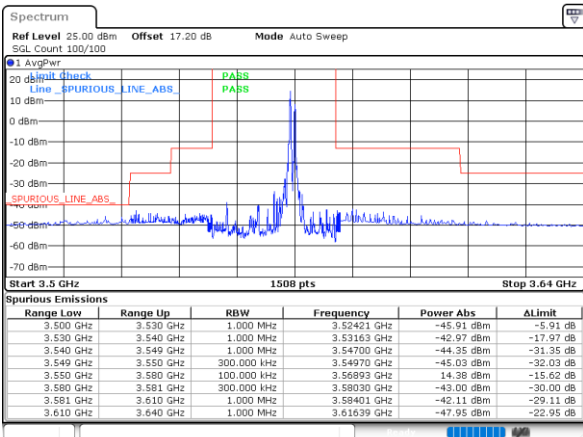
Lowest Band Edge / 1RB0 and 1RB49



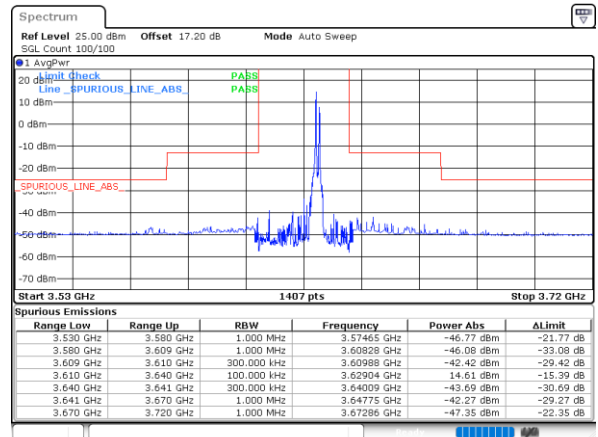
Middle Band Edge / 1RB0 and 1RB49



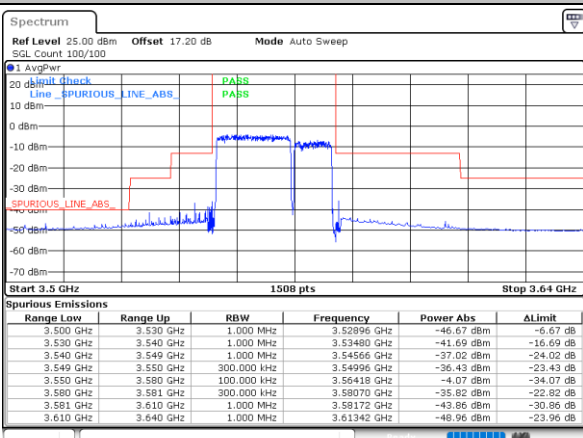
Lowest Band Edge / 1RB99 and 1RB0



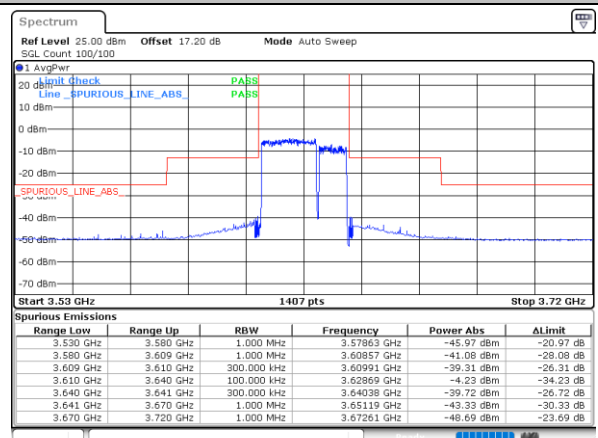
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



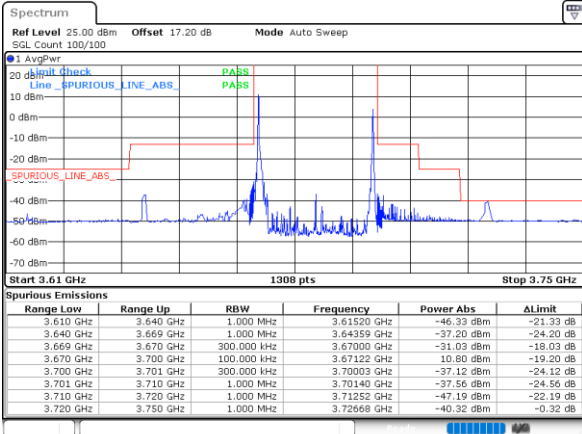


LTE Band 48C / 20MHz+10MHz

256QAM

Highest Band Edge / 1RB0 and 1RB49

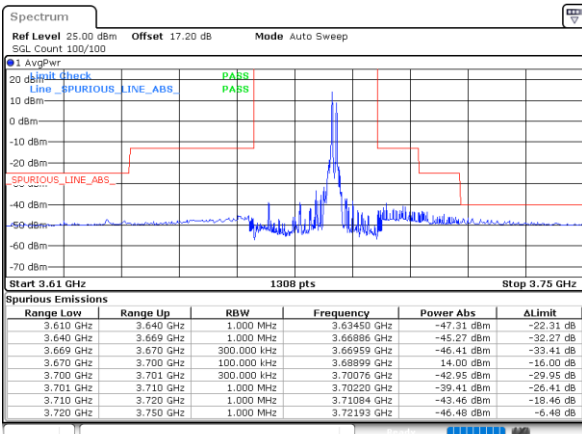
N/A



Date: 31.JAN.2022 09:06:28

Highest Band Edge / 1RB99 and 1RB0

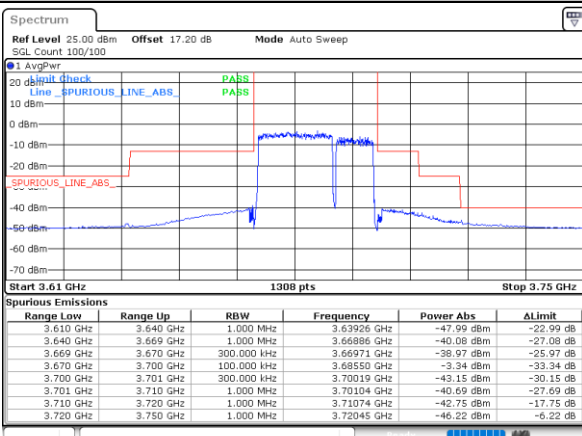
N/A



Date: 31.JAN.2022 09:16:24

Highest Band Edge / Full RB

N/A



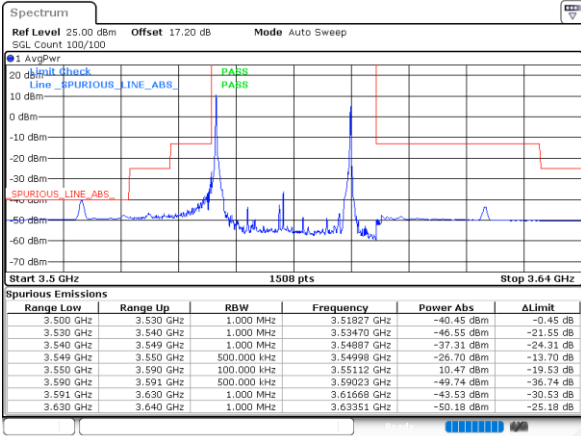
Date: 31.JAN.2022 08:57:17



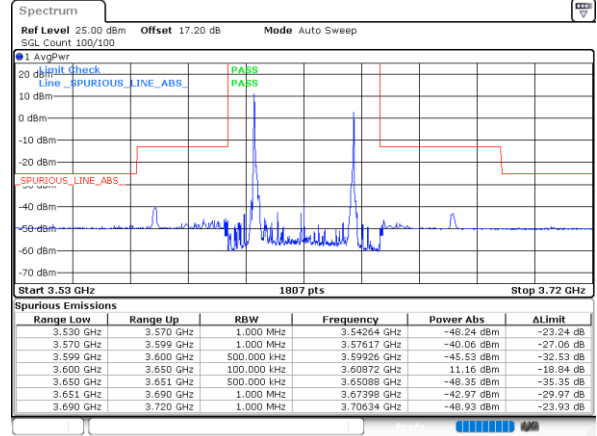
LTE Band 48C / 20MHz+15MHz

256QAM

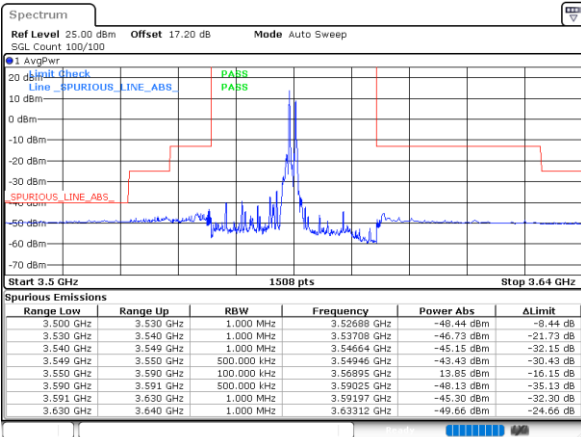
Lowest Band Edge / 1RB0 and 1RB74



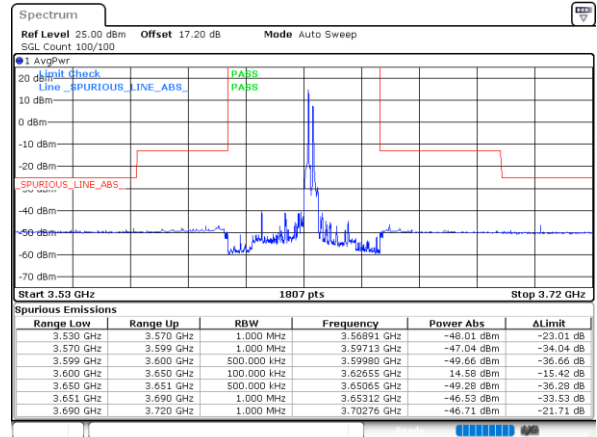
Middle Band Edge / 1RB0 and 1RB74



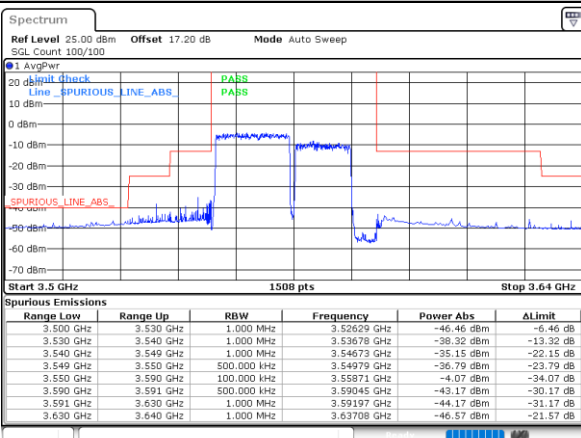
Lowest Band Edge / 1RB99 and 1RB0



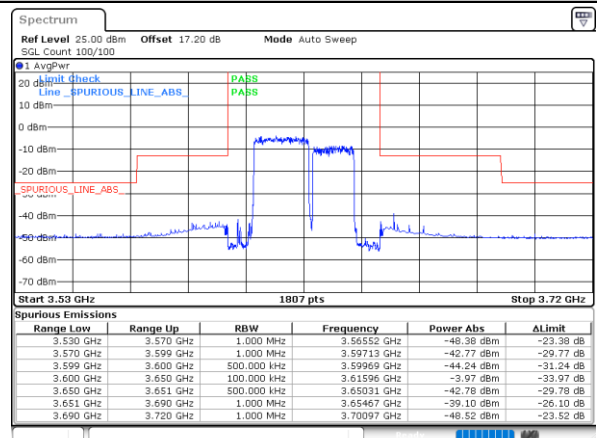
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



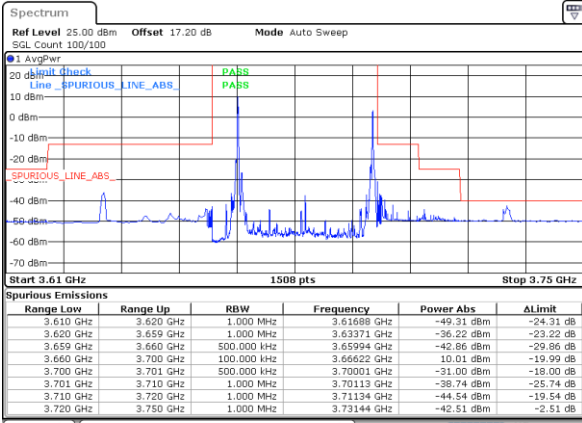


LTE Band 48C / 20MHz+15MHz

256QAM

Highest Band Edge / 1RB0 and 1RB74

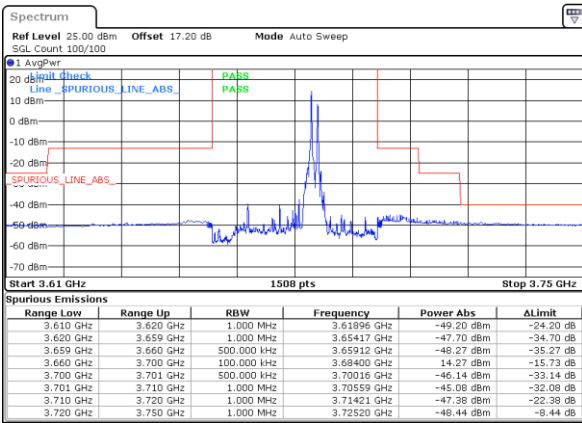
N/A



Date: 31_JAN_2022 10:43:05

Highest Band Edge / 1RB99 and 1RB0

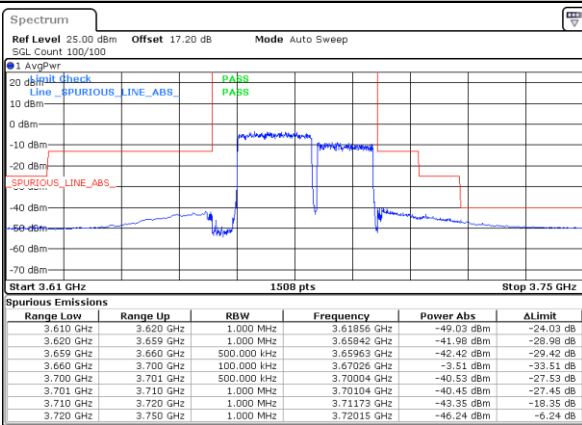
N/A



Date: 31_JAN_2022 10:53:31

Highest Band Edge / Full RB

N/A



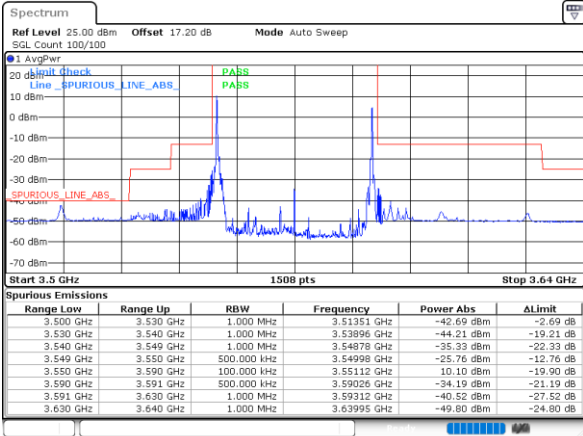
Date: 31_JAN_2022 10:34:22



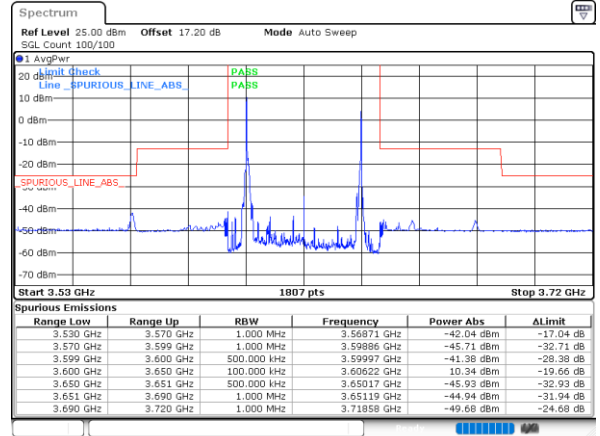
LTE Band 48C / 20MHz+20MHz

256QAM

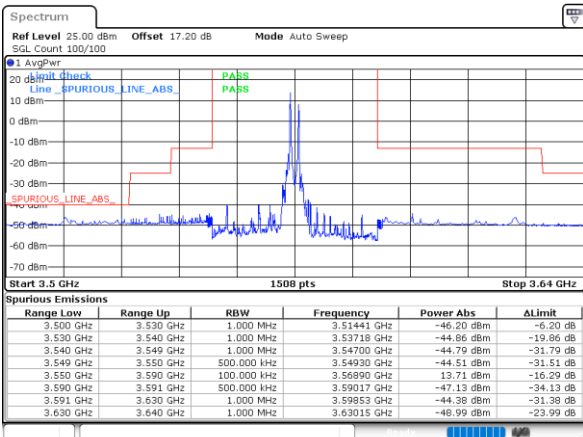
Lowest Band Edge / 1RB0 and 1RB9



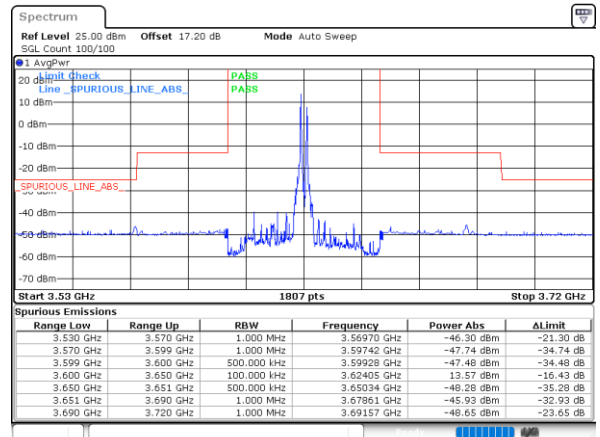
Middle Band Edge / 1RB0 and 1RB9



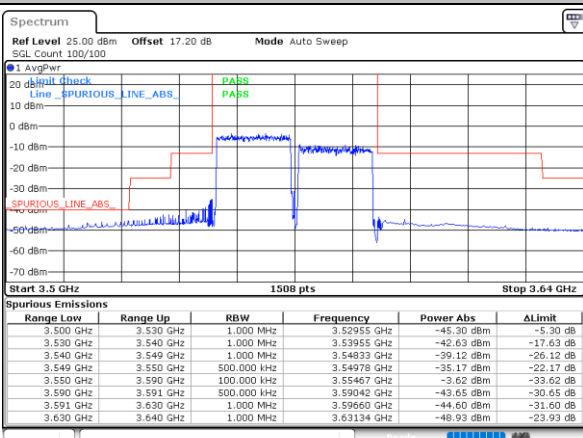
Lowest Band Edge / 1RB99 and 1RB0



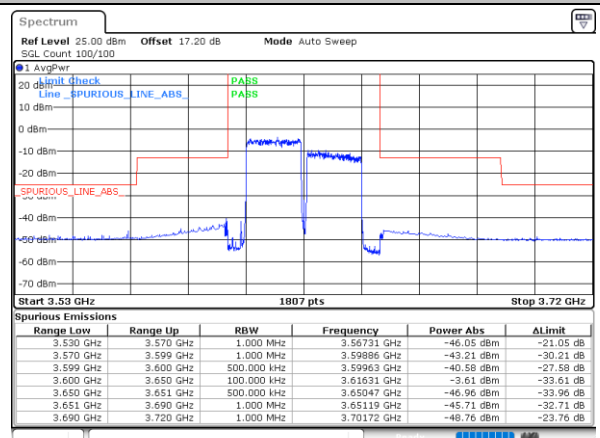
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



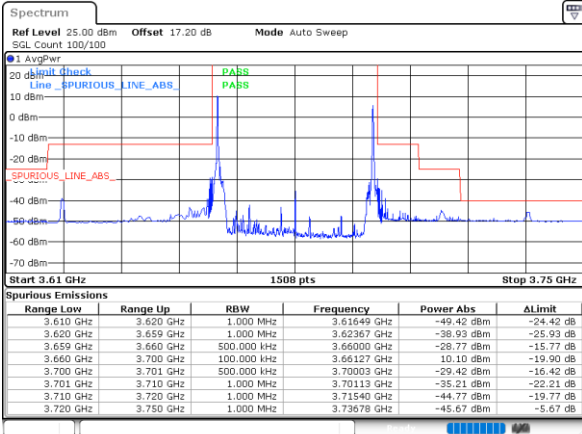


LTE Band 48C / 20MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB9

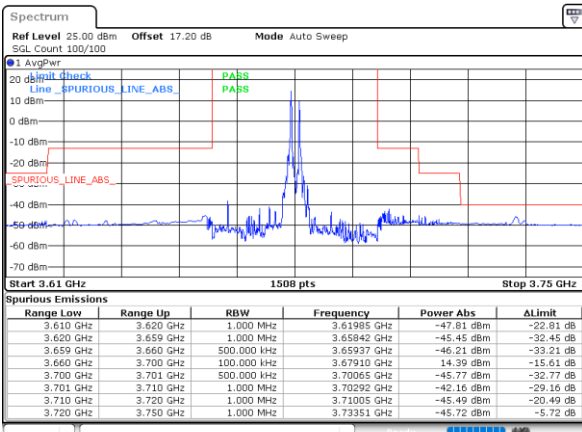
N/A



Date: 29_JAN,2022 04:55:26

Highest Band Edge / 1RB99 and 1RB0

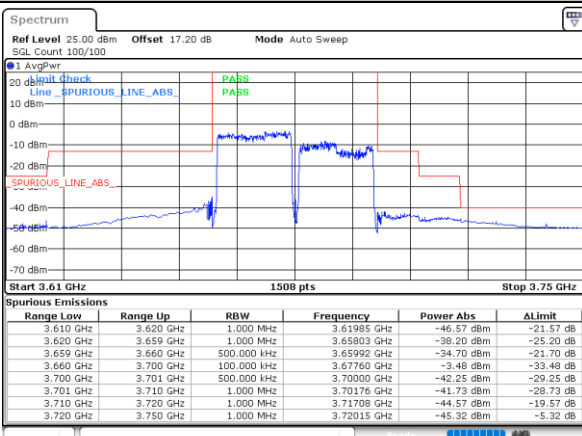
N/A



Date: 29_JAN,2022 03:03:43

Highest Band Edge / Full RB

N/A



Date: 29_JAN,2022 02:44:38



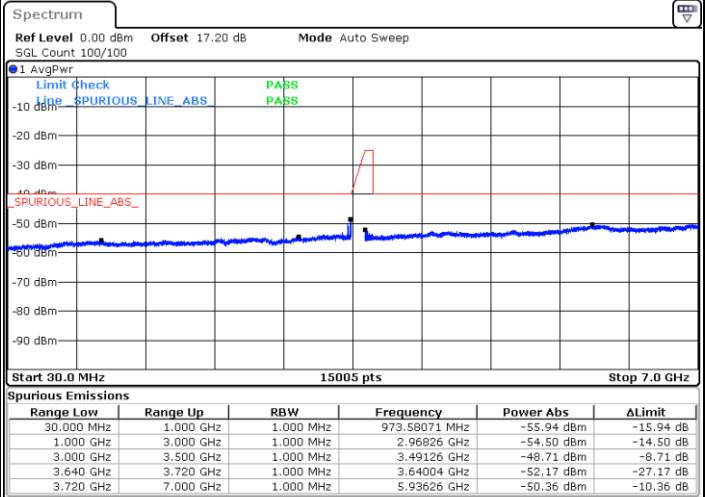
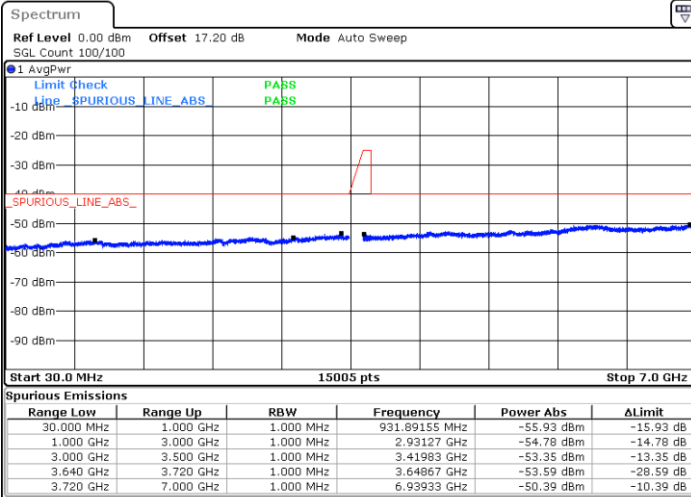
Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0

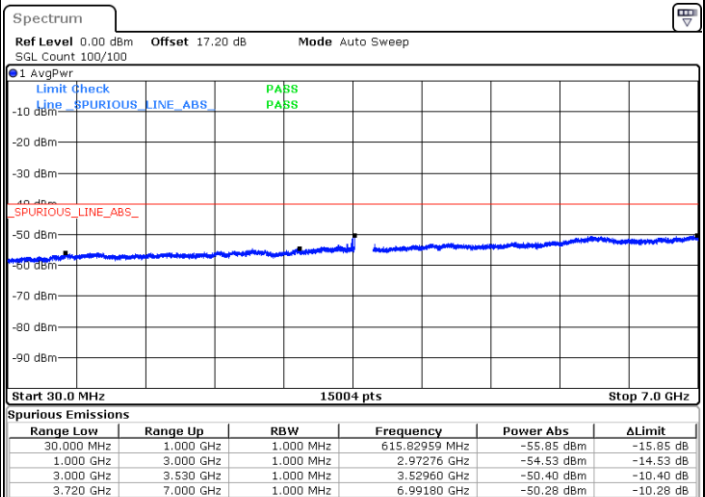
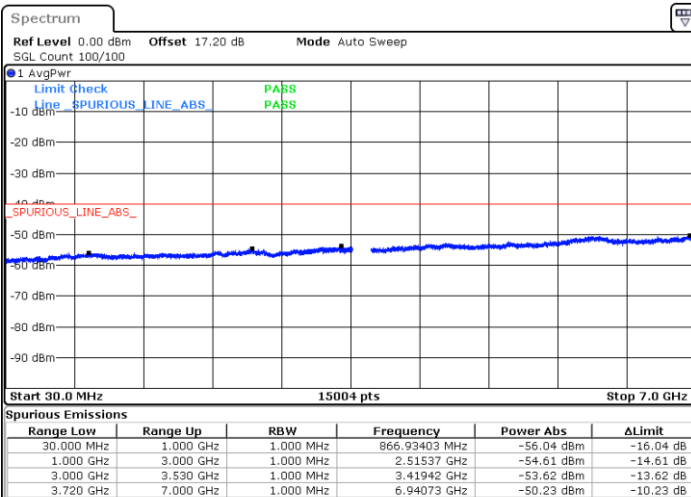


Date: 29.JAN.2022 05:54:46

Date: 29.JAN.2022 06:04:42

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



Date: 29.JAN.2022 06:24:37

Date: 29.JAN.2022 06:34:33

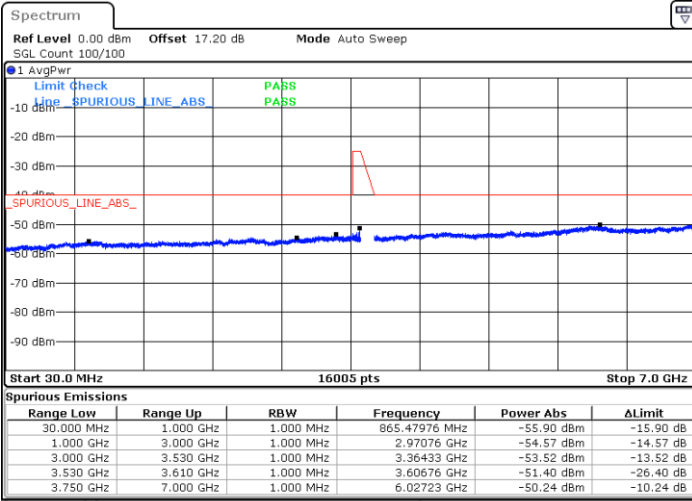


LTE Band 48C / 5MHz+20MHz

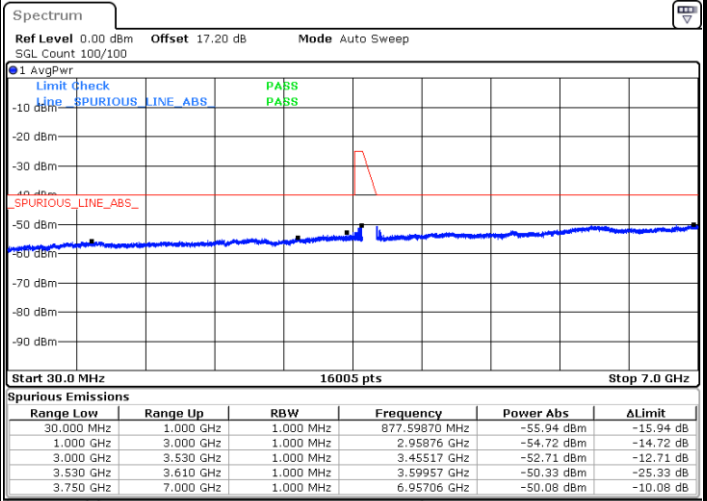
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Date: 29.JAN.2022 05:23:56



Date: 29.JAN.2022 05:34:52

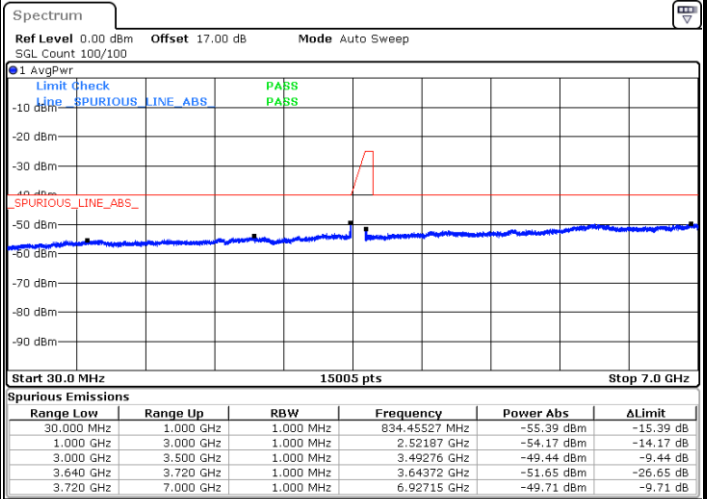
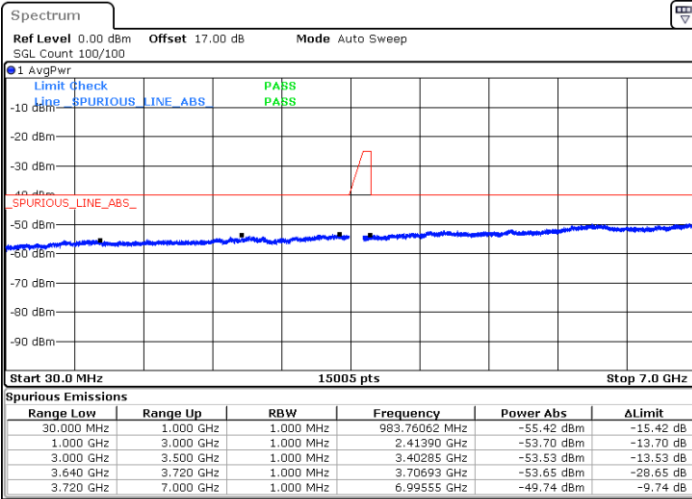


LTE Band 48C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0

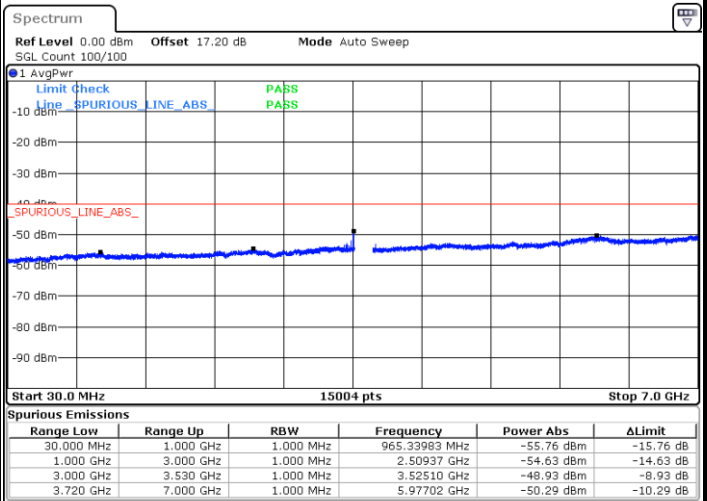
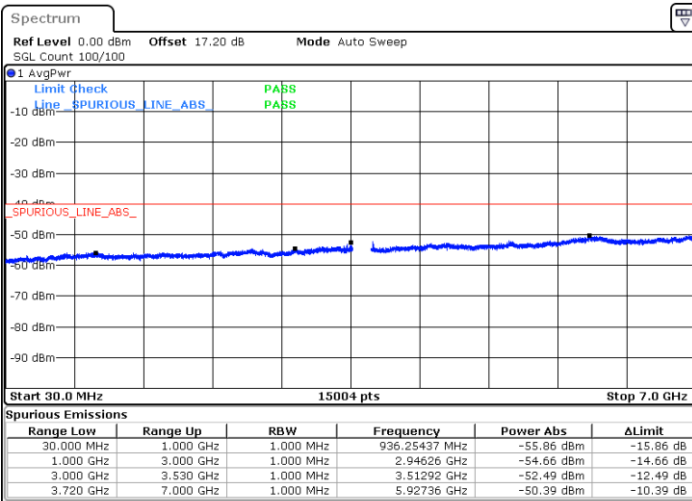


Date: 1.DEC.2021 18:00:35

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

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 29.JAN.2022 07:37:36

Date: 29.JAN.2022 07:47:31

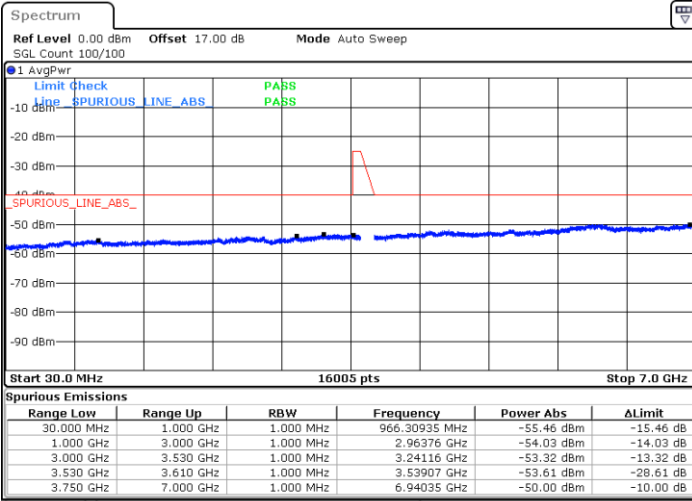


LTE Band 48C / 10MHz+20MHz

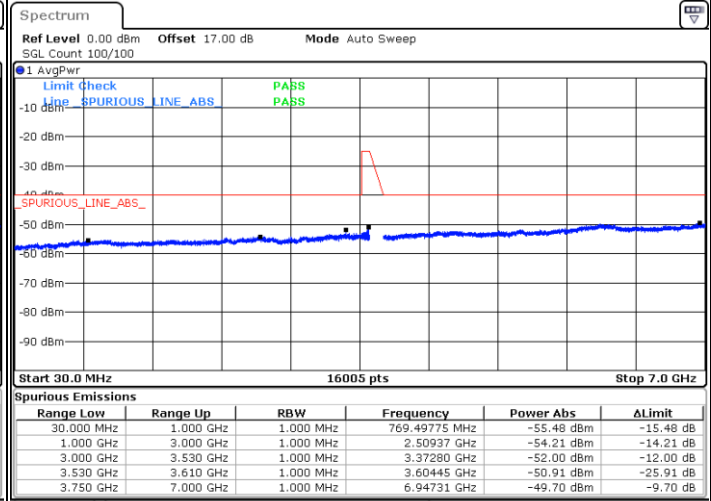
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



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



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

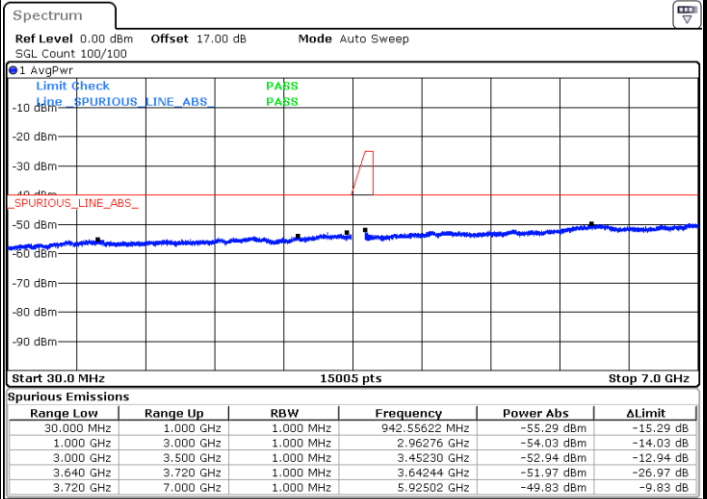
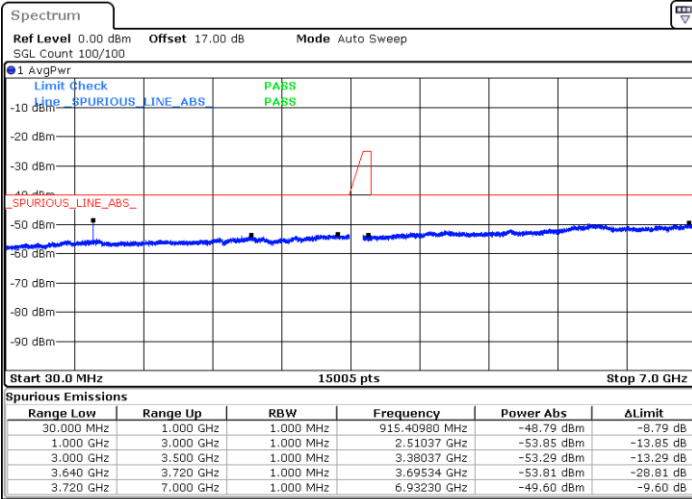


LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

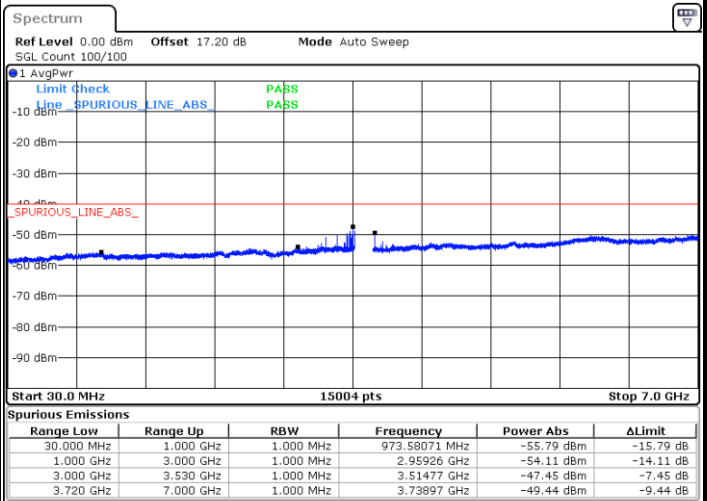
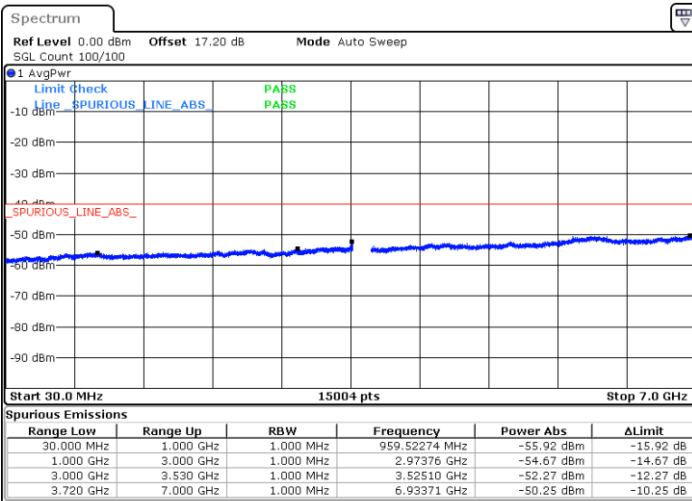


Date: 1.DEC.2021 19:05:35

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

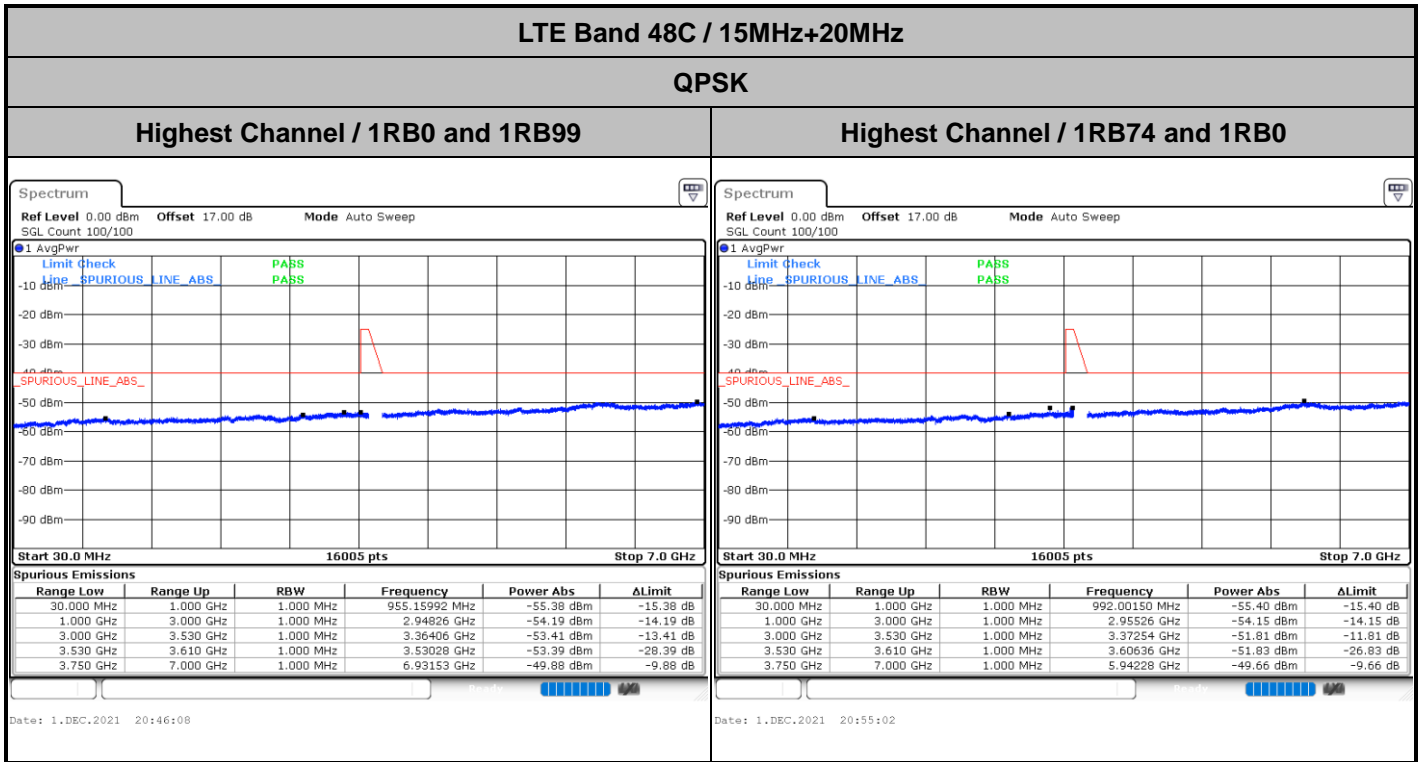
Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 29.JAN.2022 11:02:58

Date: 29.JAN.2022 11:12:59



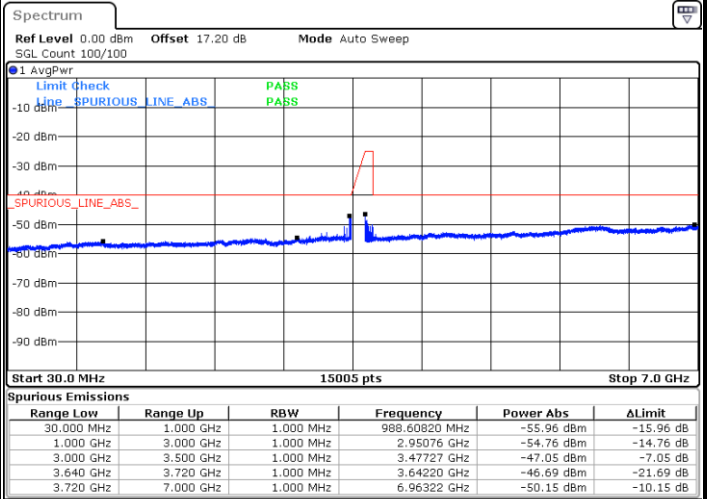
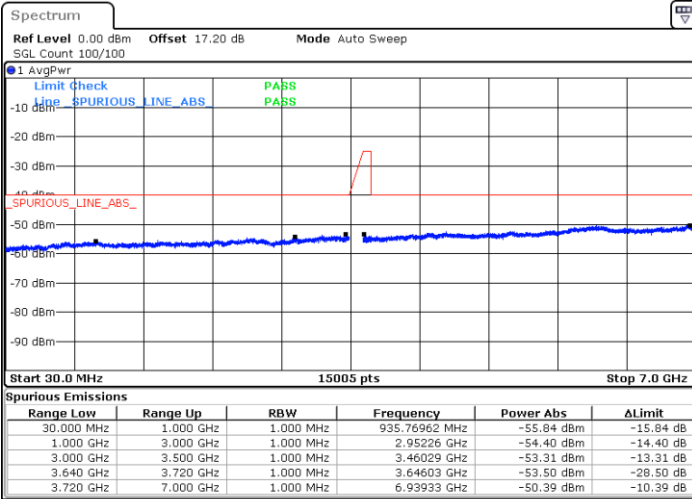


LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0

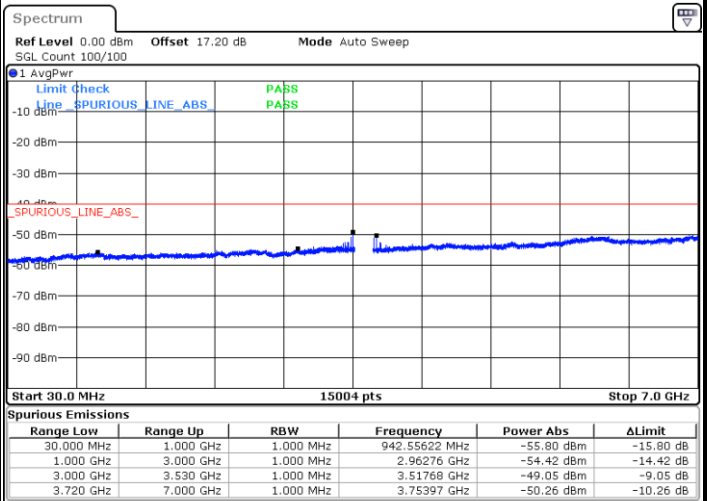
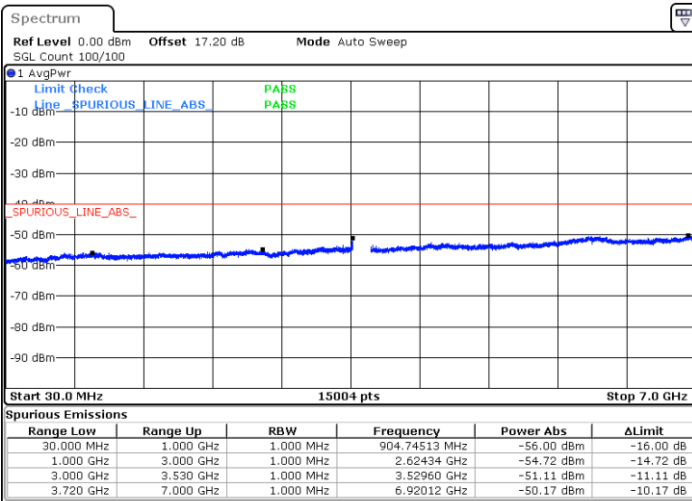


Date: 31.JAN.2022 06:16:07

Date: 31.JAN.2022 06:26:03

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 31.JAN.2022 06:45:56

Date: 31.JAN.2022 06:55:51

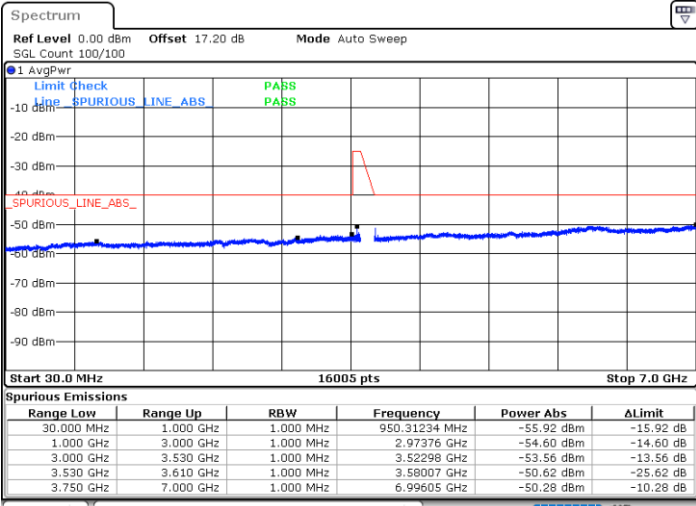


LTE Band 48C / 20MHz+5MHz

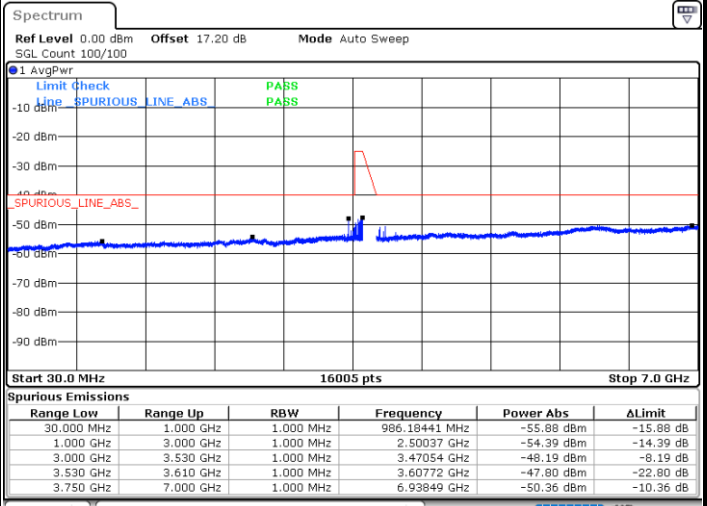
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 31.JAN.2022 07:15:45



Date: 31.JAN.2022 07:26:50

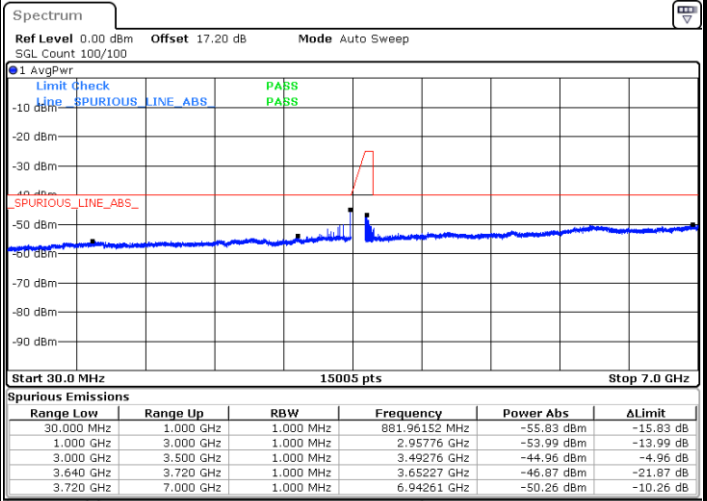
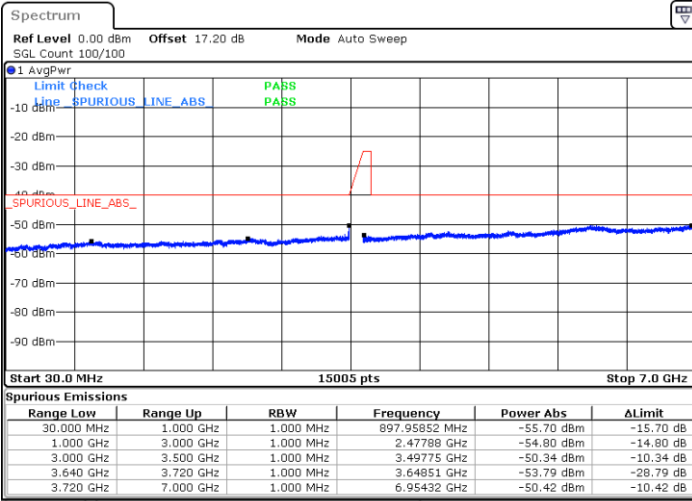


LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

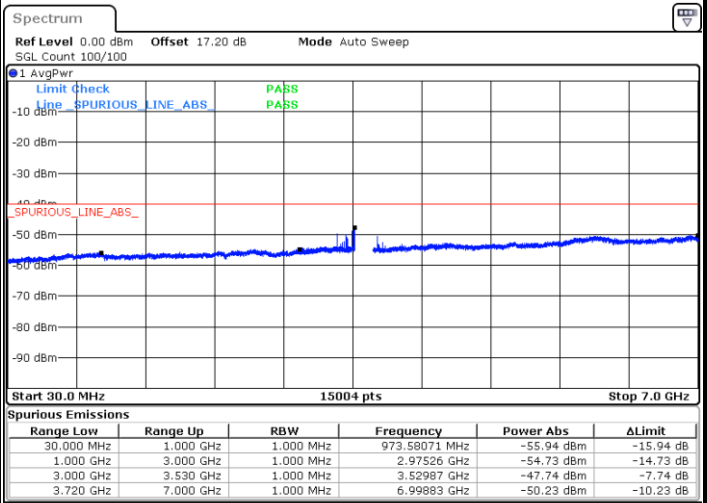
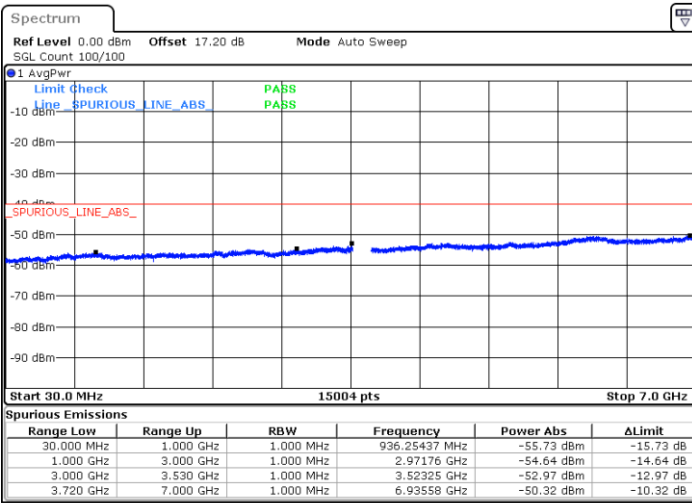


Date: 31.JAN.2022 08:00:46

Date: 31.JAN.2022 08:10:41

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 31.JAN.2022 08:30:35

Date: 31.JAN.2022 08:40:30

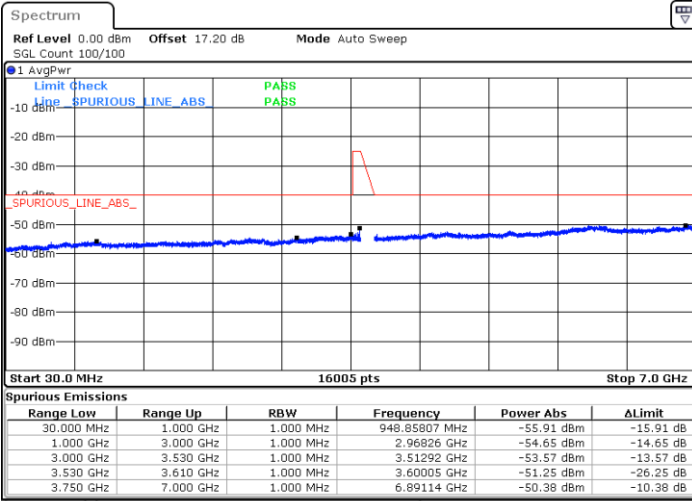


LTE Band 48C / 20MHz+10MHz

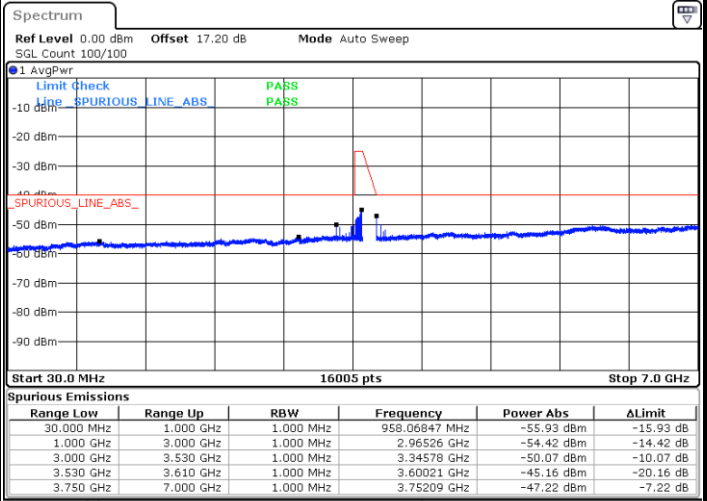
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 31.JAN.2022 09:00:24



Date: 31.JAN.2022 09:10:19

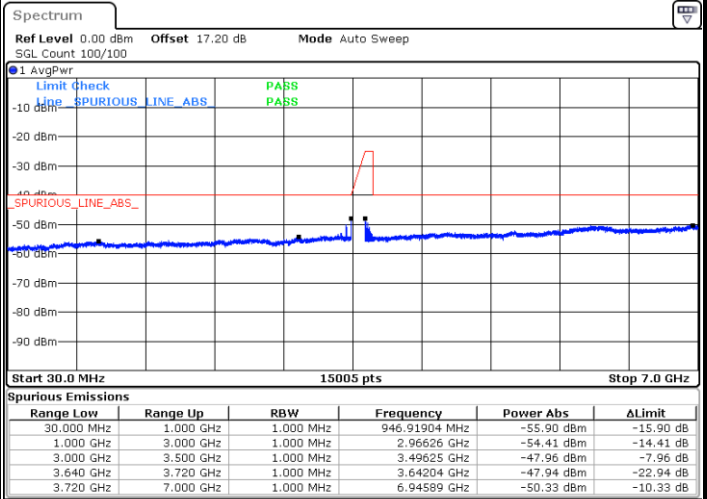
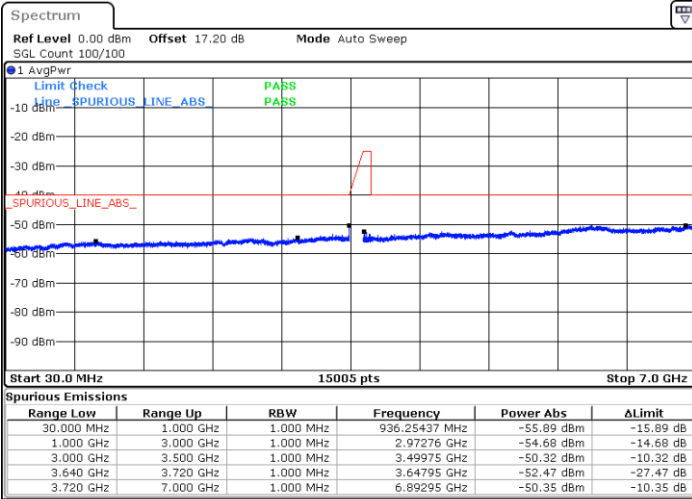


LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

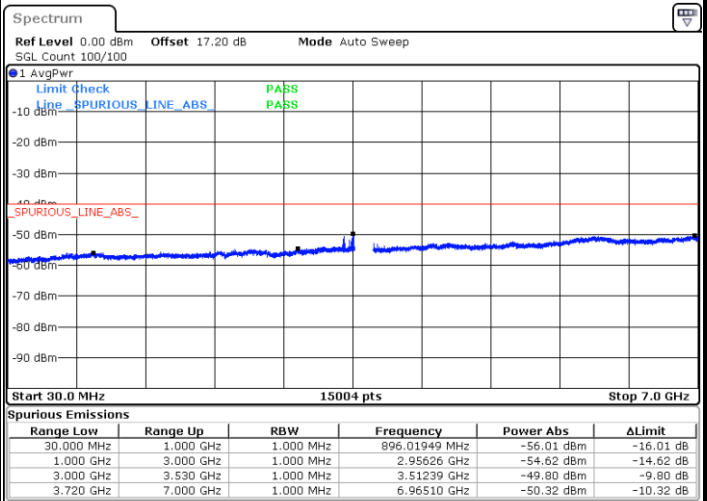
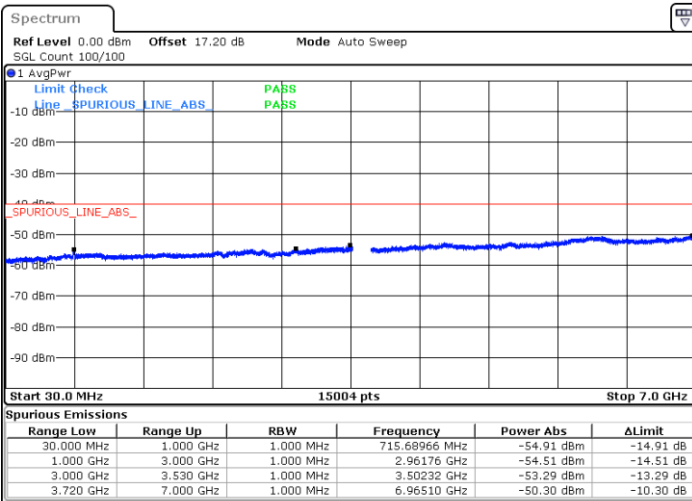


Date: 31.JAN.2022 09:37:35

Date: 31.JAN.2022 09:47:34

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 31.JAN.2022 10:07:32

Date: 31.JAN.2022 10:17:30

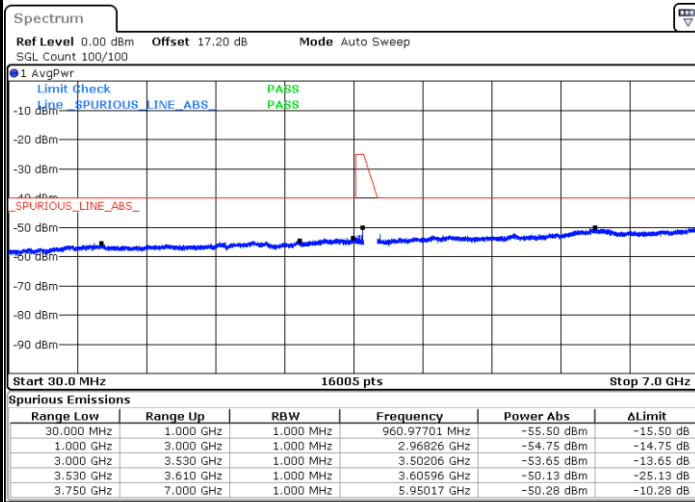


LTE Band 48C / 20MHz+15MHz

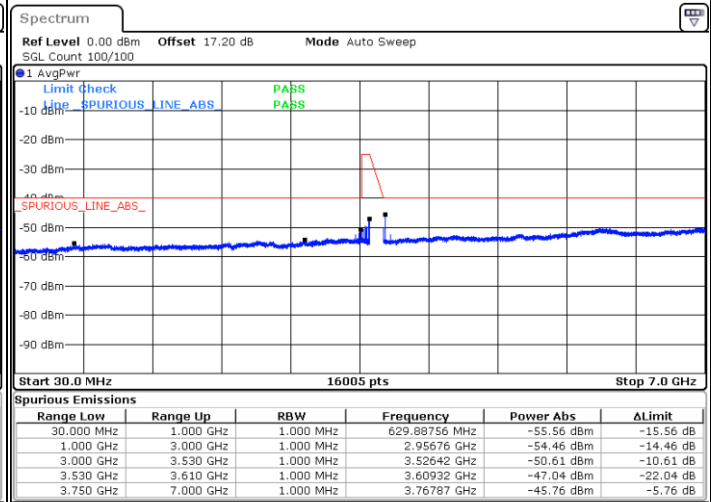
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 31.JAN.2022 10:37:30



Date: 31.JAN.2022 10:47:26

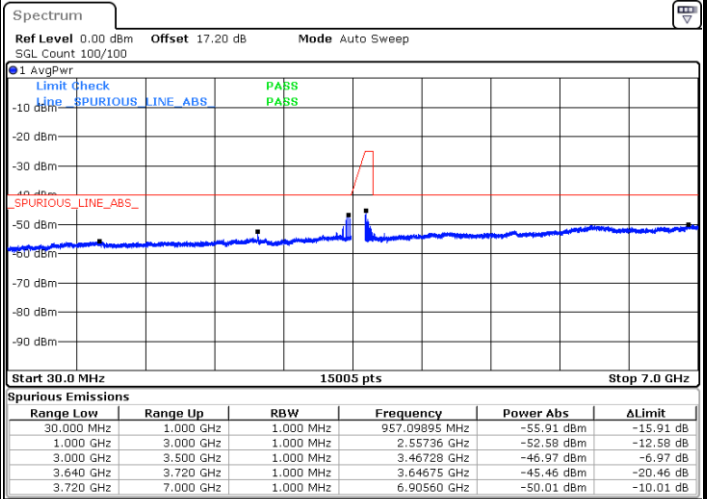
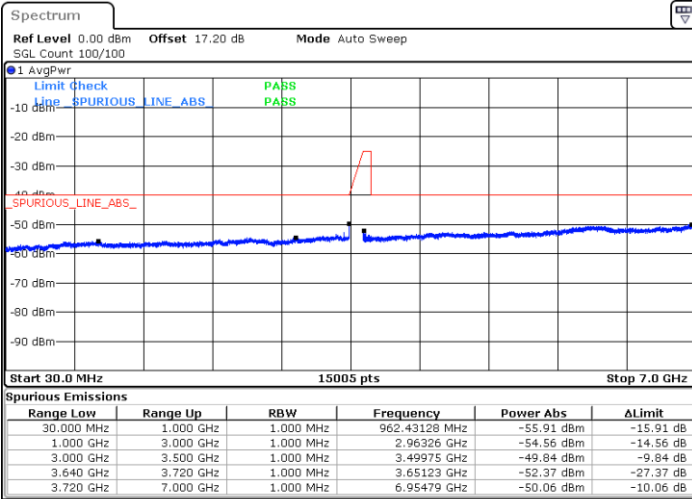


LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

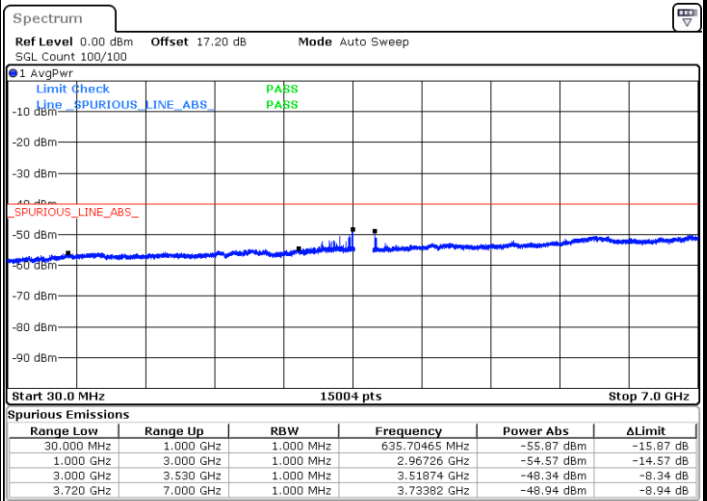
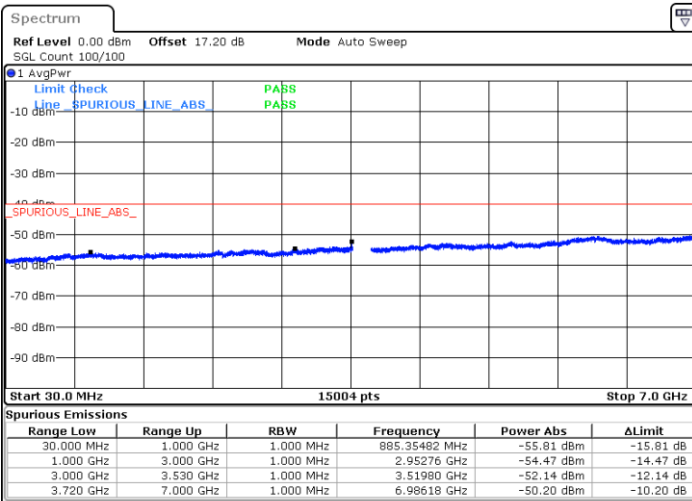


Date: 29.JAN.2022 03:17:34

Date: 29.JAN.2022 03:27:31

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 29.JAN.2022 03:47:29

Date: 29.JAN.2022 03:57:26

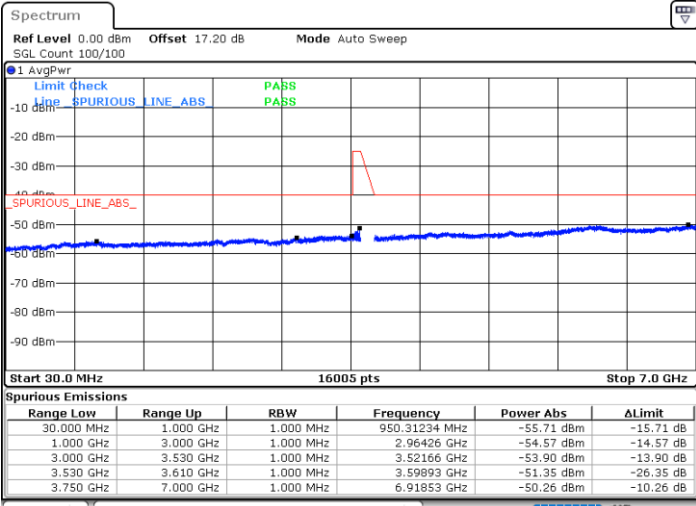


LTE Band 48C / 20MHz+20MHz

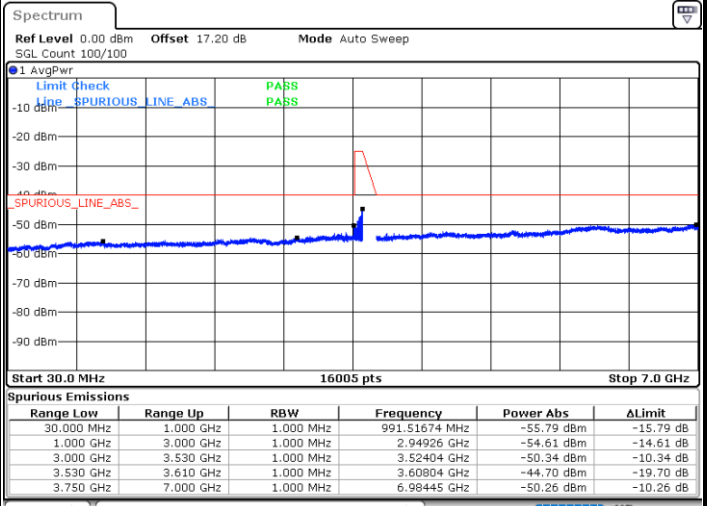
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 29.JAN.2022 02:47:44



Date: 29.JAN.2022 02:57:39



Appendix B. Test Results of Radiated Test

<Ant. 5>

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	7102	-56.25	-40	-16.25	-51.76	-66.21	1.78	11.74	H
	10653	-55.96	-40	-15.96	-53.46	-64.39	2.47	10.90	H
	14204	-51.71	-40	-11.71	-54.49	-60.55	2.87	11.71	H
	21306	-53.35	-40	-13.35	-75.37	-70.07	1.98	18.70	H
	24857	-52.33	-40	-12.33	-77.29	-68.34	2.07	18.07	H
	28408	-51.84	-40	-11.84	-77.35	-69.08	2.32	19.56	H
									H
	7102	-60.02	-40	-20.02	-55.14	-69.98	1.78	11.74	V
	10653	-59.49	-40	-19.49	-56.74	-67.92	2.47	10.90	V
	14204	-47.91	-40	-7.91	-50.42	-56.75	2.87	11.71	V
	21306	-53.68	-40	-13.68	-75.56	-70.40	1.98	18.70	V
	24857	-52.02	-40	-12.02	-78.19	-68.03	2.07	18.07	V
	28408	-50.04	-40	-10.04	-77.37	-67.28	2.32	19.56	V
									V
Middle	7232	-49.58	-40	-9.58	-45.2	-59.26	1.85	11.53	H
	10848	-43.40	-40	-3.40	-41.25	-51.73	2.57	10.90	H
	14464	-50.34	-40	-10.34	-53.04	-58.57	2.85	11.09	H
	18080	-50.30	-40	-10.30	-68.44	-66.53	1.76	17.98	H
	21696	-51.74	-40	-11.74	-73.38	-68.53	1.99	18.78	H
	25312	-52.17	-40	-12.17	-77.51	-68.77	2.14	18.74	H
									H
	7232	-54.21	-40	-14.21	-49.56	-63.89	1.85	11.53	V
	10848	-49.71	-40	-9.71	-47.35	-58.04	2.57	10.90	V
	14464	-53.54	-40	-13.54	-55.41	-61.77	2.85	11.09	V
	18080	-46.86	-40	-6.86	-64.07	-63.09	1.76	17.98	V
	21696	-52.47	-40	-12.47	-74.1	-69.26	1.99	18.78	V
	25312	-51.96	-40	-11.96	-78.56	-68.56	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	7362	-52.05	-40	-12.05	-47.46	-61.46	1.92	11.32	H
	11043	-57.15	-40	-17.15	-55.38	-65.47	2.63	10.95	H
	14724	-44.17	-40	-4.17	-47.78	-52.97	2.91	11.72	H
	18405	-54.42	-40	-14.42	-72.9	-70.47	1.87	17.92	H
	22086	-53.78	-40	-13.78	-75.97	-70.57	2.08	18.87	H
	25767	-52.11	-40	-12.11	-78.2	-69.13	2.03	19.05	H
									H
	7362	-55.60	-40	-15.60	-50.83	-65.01	1.92	11.32	V
	11043	-57.99	-40	-17.99	-56.06	-66.31	2.63	10.95	V
	14724	-52.28	-40	-12.28	-54.22	-61.08	2.91	11.72	V
	18405	-52.97	-40	-12.97	-70.57	-69.02	1.87	17.92	V
	22086	-54.24	-40	-14.24	-76.43	-71.03	2.08	18.87	V
	25767	-51.17	-40	-11.17	-78.45	-68.19	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 / 10+10MHz / 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	7138	-57.71	-40	-17.71	-53.27	-67.59	1.79	11.68	H
	10707	-58.71	-40	-18.71	-56.31	-67.11	2.50	10.90	H
	14276	-50.51	-40	-10.51	-53.27	-59.18	2.86	11.54	H
	21418	-53.07	-40	-13.07	-74.8	-69.82	1.95	18.70	H
	24981	-53.06	-40	-13.06	-78.02	-69.25	2.08	18.27	H
	28556	-51.02	-40	-11.02	-76.43	-68.24	2.31	19.53	H
									H
	7138	-60.22	-40	-20.22	-55.43	-70.10	1.79	11.68	V
	10707	-58.46	-40	-18.46	-55.82	-66.86	2.50	10.90	V
	14276	-52.52	-40	-12.52	-54.85	-61.19	2.86	11.54	V
	21418	-53.30	-40	-13.30	-74.97	-70.05	1.95	18.70	V
	24981	-52.00	-40	-12.00	-78.11	-68.19	2.08	18.27	V
	28556	-49.47	-40	-9.47	-76.75	-66.69	2.31	19.53	V
									V
Middle	7248	-51.24	-40	-11.24	-46.83	-60.89	1.85	11.50	H
	10872	-49.24	-40	-9.24	-47.12	-57.56	2.58	10.90	H
	14496	-46.67	-40	-6.67	-49.37	-54.83	2.85	11.01	H
	18120	-51.97	-40	-11.97	-70.15	-68.18	1.77	17.98	H
	21744	-53.99	-40	-13.99	-75.66	-70.78	2.01	18.80	H
	25368	-52.67	-40	-12.67	-78.08	-69.34	2.15	18.82	H
									H
	7248	-55.40	-40	-15.40	-50.74	-65.05	1.85	11.50	V
	10872	-57.39	-40	-17.39	-55.07	-65.71	2.58	10.90	V
	14496	-53.21	-40	-13.21	-55.01	-61.37	2.85	11.01	V
	18120	-46.70	-40	-6.70	-63.96	-62.91	1.77	17.98	V
	21744	-54.13	-40	-14.13	-75.79	-70.92	2.01	18.80	V
	25368	-51.38	-40	-11.38	-78.07	-68.05	2.15	18.82	V
									V



LTE Band 48C / 10+10MHz / 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	7358	-53.59	-40	-13.59	-49.01	-63.00	1.91	11.33	H
	11037	-57.80	-40	-17.80	-56.01	-66.11	2.63	10.94	H
	14716	-48.31	-40	-8.31	-51.88	-57.09	2.91	11.69	H
	18399	-54.39	-40	-14.39	-72.86	-70.44	1.87	17.92	H
	22073	-55.07	-40	-15.07	-77.2	-71.86	2.08	18.87	H
	25758	-52.14	-40	-12.14	-78.21	-69.16	2.04	19.05	H
									H
	7358	-58.50	-40	-18.50	-53.73	-67.91	1.91	11.33	V
	11037	-58.42	-40	-18.42	-56.46	-66.73	2.63	10.94	V
	14716	-47.14	-40	-7.14	-49.08	-55.92	2.91	11.69	V
	18399	-52.52	-40	-12.52	-70.11	-68.57	1.87	17.92	V
	22073	-55.01	-40	-15.01	-77.14	-71.80	2.08	18.87	V
	25758	-51.28	-40	-11.28	-78.54	-68.30	2.04	19.05	V
									V

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



<Ant. 6+5>

LTE Band 48A+5G NR n77A

LTE Band 48A+5G NR n77A / 20MHz+100M / 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	7102	-60.21	-40	-20.21	-55.72	-70.17	1.78	11.74	H
	10653	-58.78	-40	-18.78	-56.28	-67.21	2.47	10.90	H
	14204	-55.12	-40	-15.12	-57.9	-63.96	2.87	11.71	H
	21306	-54.52	-40	-14.52	-76.54	-71.24	1.98	18.70	H
	24857	-52.57	-40	-12.57	-77.53	-68.58	2.07	18.07	H
	28408	-51.11	-40	-11.11	-76.62	-68.35	2.32	19.56	H
									H
	7102	-60.31	-40	-20.31	-55.43	-70.27	1.78	11.74	V
	10653	-59.25	-40	-19.25	-56.5	-67.68	2.47	10.90	V
	14204	-55.64	-40	-15.64	-58.15	-64.48	2.87	11.71	V
	21306	-54.62	-40	-14.62	-76.5	-71.34	1.98	18.70	V
	24857	-51.51	-40	-11.51	-77.68	-67.52	2.07	18.07	V
	28408	-49.02	-40	-9.02	-76.35	-66.26	2.32	19.56	V
									V
Middle	7232	-60.19	-40	-20.19	-55.81	-69.87	1.85	11.53	H
	10848	-57.56	-40	-17.56	-55.41	-65.89	2.57	10.90	H
	14464	-55.39	-40	-15.39	-58.09	-63.62	2.85	11.09	H
	18080	-53.84	-40	-13.84	-71.98	-70.07	1.76	17.98	H
	21696	-54.35	-40	-14.35	-75.99	-71.14	1.99	18.78	H
	25312	-51.91	-40	-11.91	-77.25	-68.51	2.14	18.74	H
									H
	7232	-60.29	-40	-20.29	-55.64	-69.97	1.85	11.53	V
	10848	-57.82	-40	-17.82	-55.46	-66.15	2.57	10.90	V
	14464	-56.43	-40	-16.43	-58.3	-64.66	2.85	11.09	V
	18080	-54.85	-40	-14.85	-72.06	-71.08	1.76	17.98	V
	21696	-54.81	-40	-14.81	-76.44	-71.60	1.99	18.78	V
	25312	-50.26	-40	-10.26	-76.86	-66.86	2.14	18.74	V
									V



LTE Band 48A+5G NR n77A / 20MHz+100M / 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	7362	-59.57	-40	-19.57	-54.98	-68.98	1.92	11.32	H
	11043	-58.51	-40	-18.51	-56.74	-66.83	2.63	10.95	H
	14724	-54.60	-40	-14.60	-58.21	-63.40	2.91	11.72	H
	18405	-55.29	-40	-15.29	-73.77	-71.34	1.87	17.92	H
	22086	-54.91	-40	-14.91	-77.1	-71.70	2.08	18.87	H
	25767	-51.31	-40	-11.31	-77.4	-68.33	2.03	19.05	H
									H
	7362	-59.77	-40	-19.77	-55	-69.18	1.92	11.32	V
	11043	-58.25	-40	-18.25	-56.32	-66.57	2.63	10.95	V
	14724	-56.51	-40	-16.51	-58.45	-65.31	2.91	11.72	V
	18405	-56.31	-40	-16.31	-73.91	-72.36	1.87	17.92	V
	22086	-54.97	-40	-14.97	-77.16	-71.76	2.08	18.87	V
	25767	-50.01	-40	-10.01	-77.29	-67.03	2.03	19.05	V
									V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.
2. The Ant. 6 test combination is ENDC 48A-n77A