

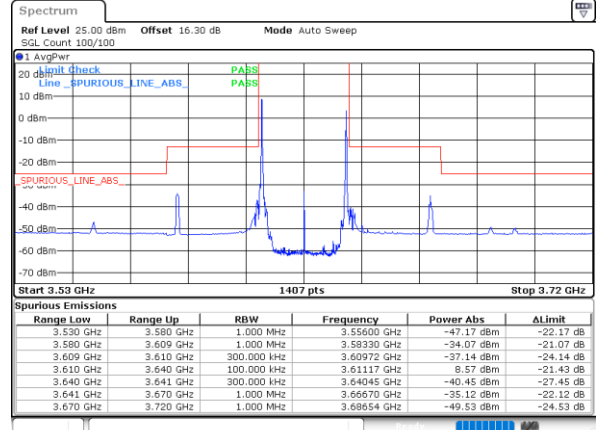
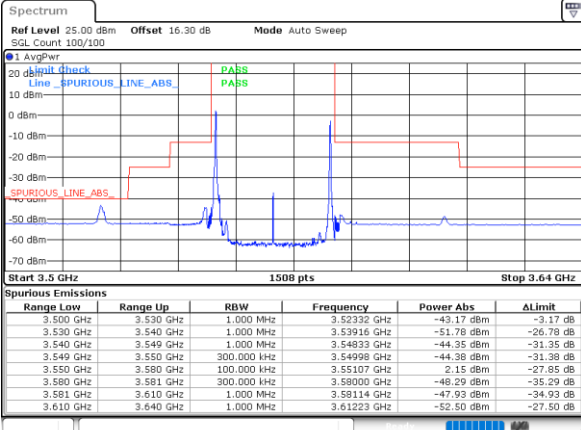


LTE Band 48C / 20MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

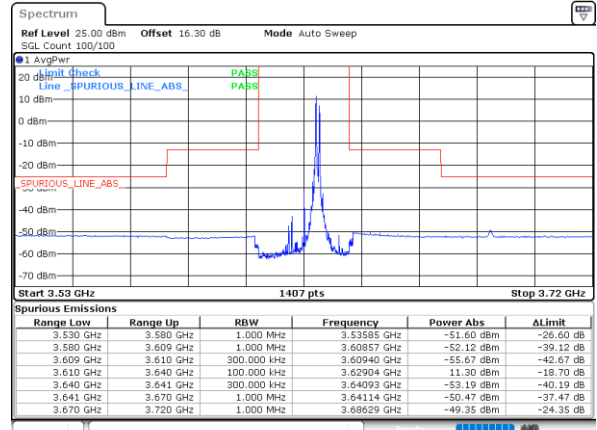
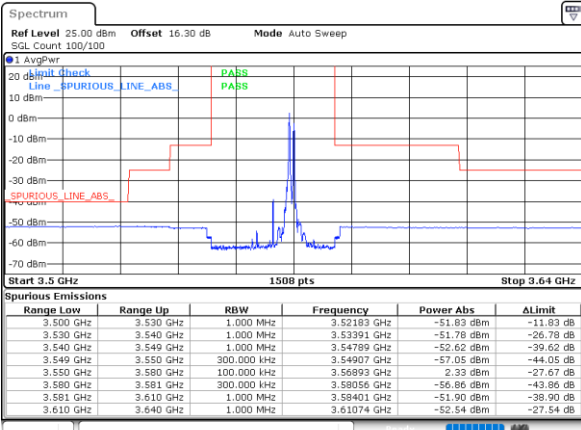


Date: 24.MAR.2021 17:31:35

Date: 25.MAR.2021 10:03:27

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

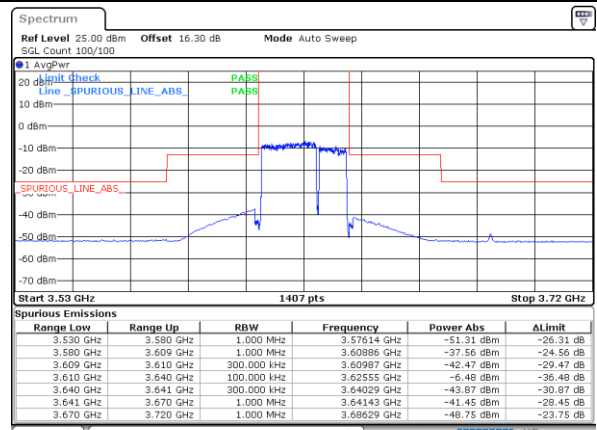
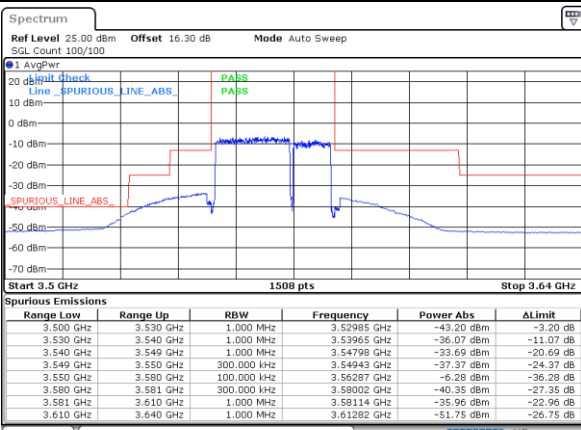


Date: 24.MAR.2021 17:31:08

Date: 25.MAR.2021 10:03:00

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 24.MAR.2021 17:32:03

Date: 25.MAR.2021 10:03:54

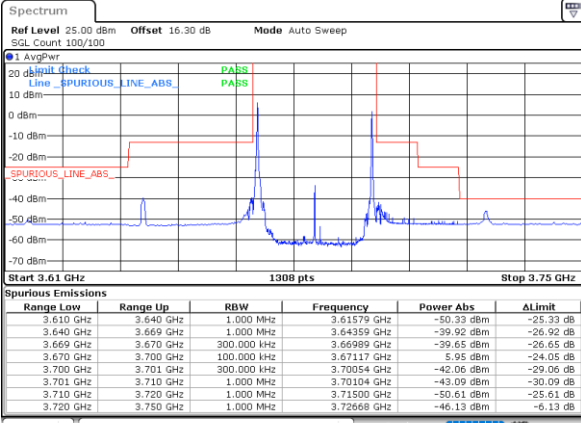


LTE Band 48C / 20MHz+10MHz

256QAM

Highest Band Edge / 1RB0 and 1RB49

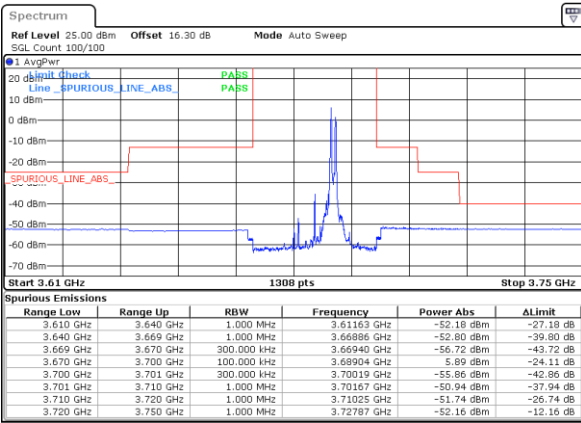
N/A



Date: 25_MAR_2021 10:35:09

Highest Band Edge / 1RB99 and 1RB0

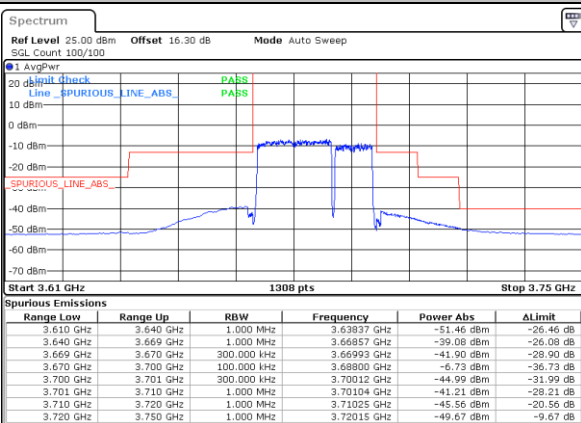
N/A



Date: 25_MAR_2021 10:34:42

Highest Band Edge / Full RB

N/A



Date: 25_MAR_2021 10:35:37

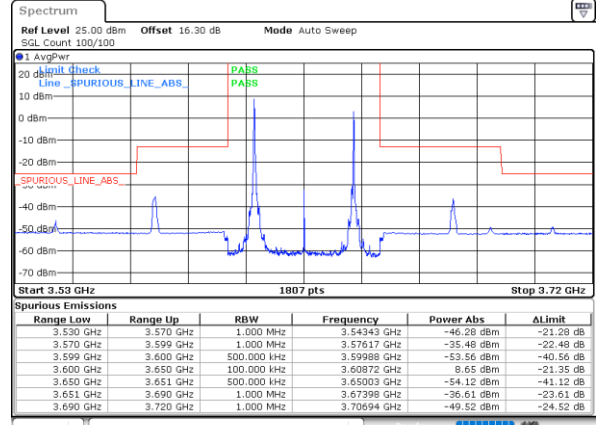
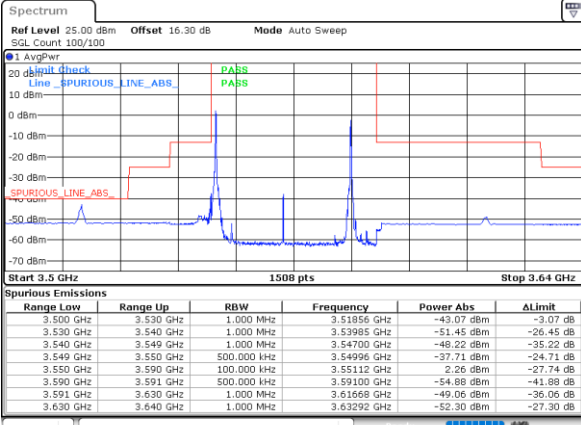


LTE Band 48C / 20MHz+15MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74

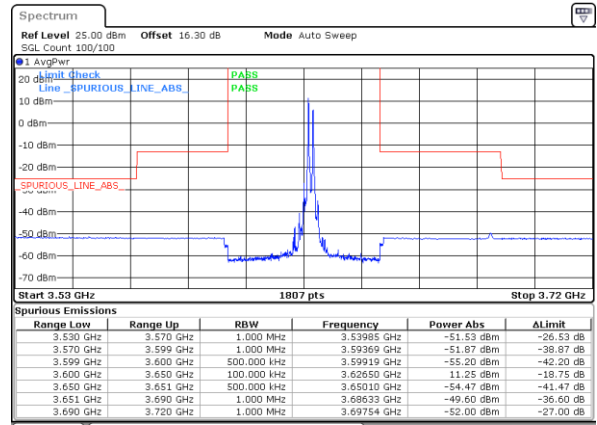
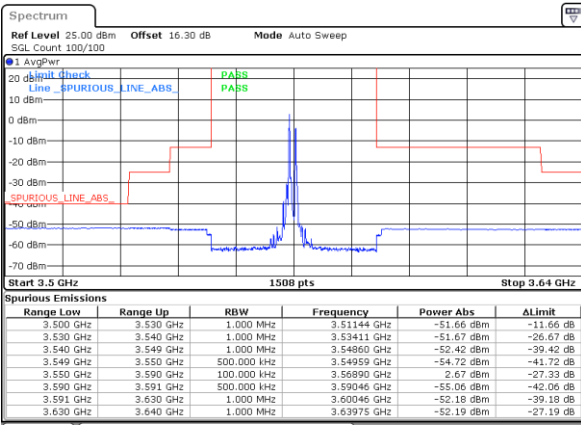


Date: 25_MAR.2021 11:52:54

Date: 25_MAR.2021 13:49:40

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

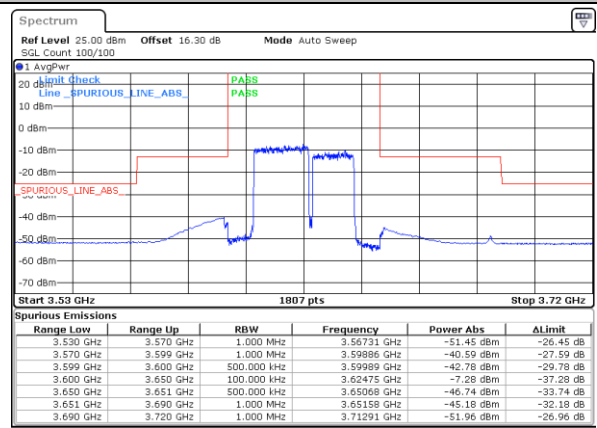
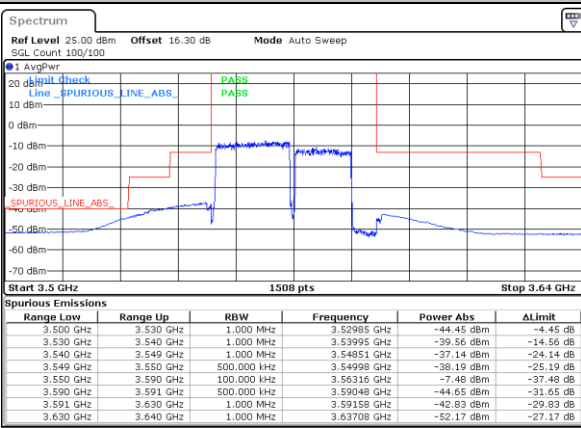


Date: 25_MAR.2021 11:52:27

Date: 25_MAR.2021 13:49:13

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 25_MAR.2021 11:53:22

Date: 25_MAR.2021 13:50:08

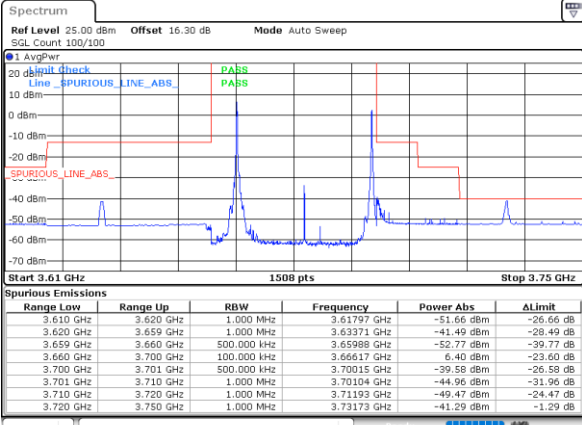


LTE Band 48C / 20MHz+15MHz

256QAM

Highest Band Edge / 1RB0 and 1RB74

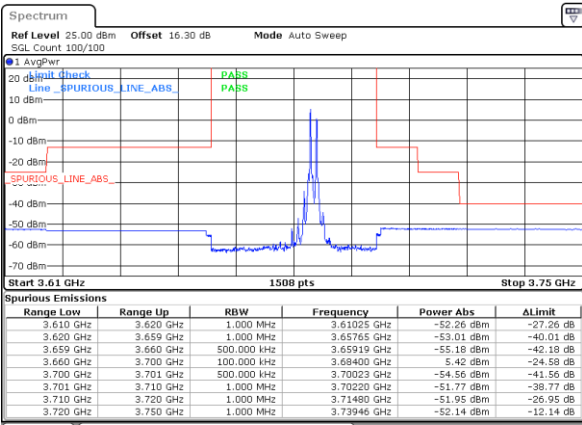
N/A



Date: 25_MAR_2021 14:15:29

Highest Band Edge / 1RB99 and 1RB0

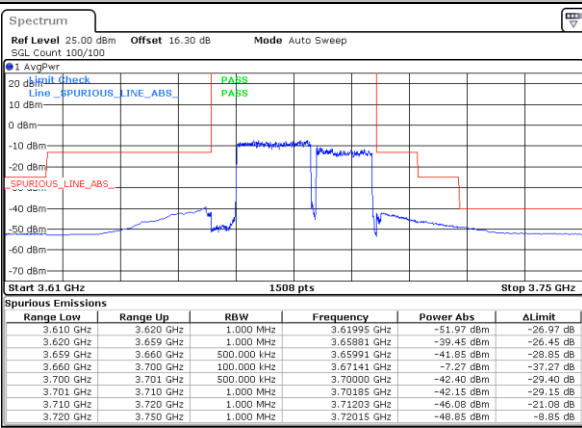
N/A



Date: 25_MAR_2021 14:15:02

Highest Band Edge / Full RB

N/A



Date: 25_MAR_2021 14:15:56

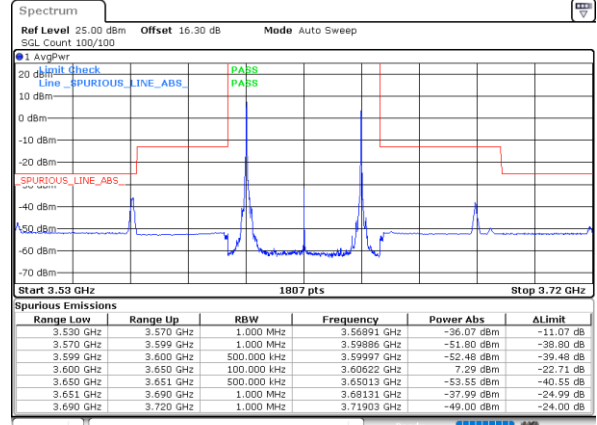
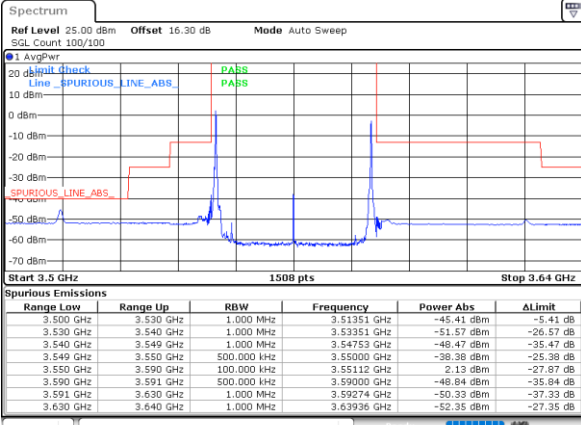


LTE Band 48C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Middle Band Edge / 1RB0 and 1RB9

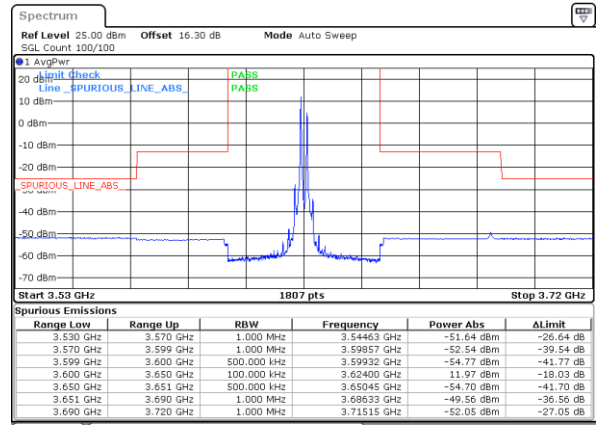
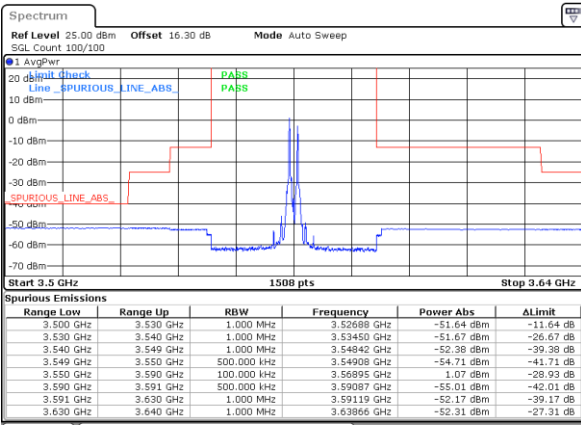


Date: 25_MAR.2021 14:32:59

Date: 25_MAR.2021 14:53:53

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

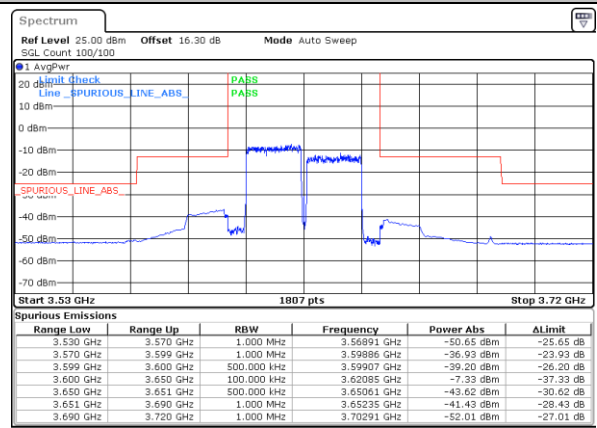
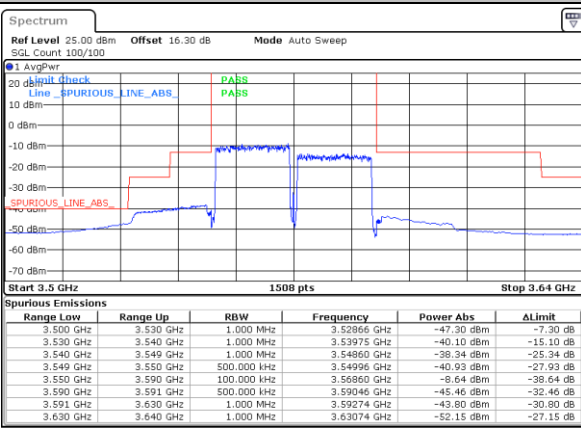


Date: 25_MAR.2021 14:32:52

Date: 25_MAR.2021 14:53:26

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 25_MAR.2021 14:33:26

Date: 25_MAR.2021 14:54:21

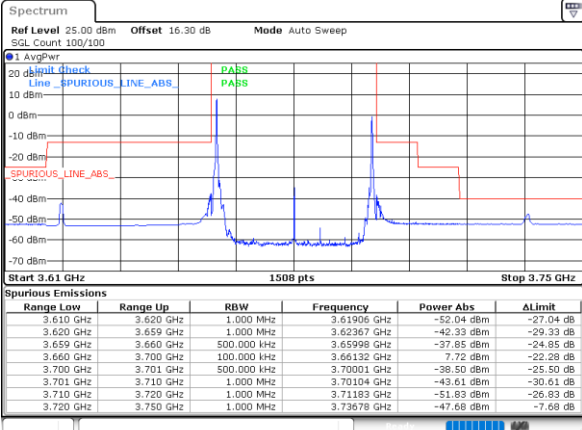


LTE Band 48C / 20MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB9

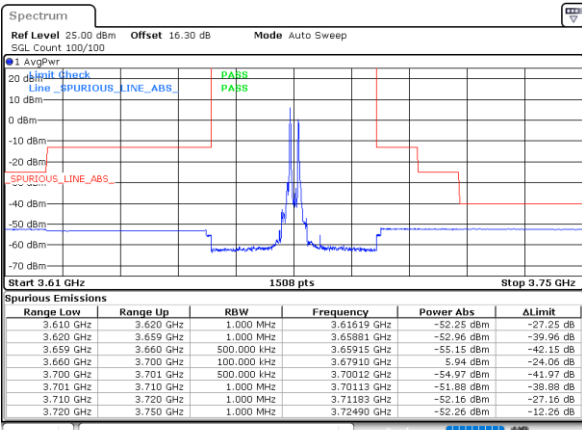
N/A



Date: 25_MAR_2021 15:16:30

Highest Band Edge / 1RB99 and 1RB0

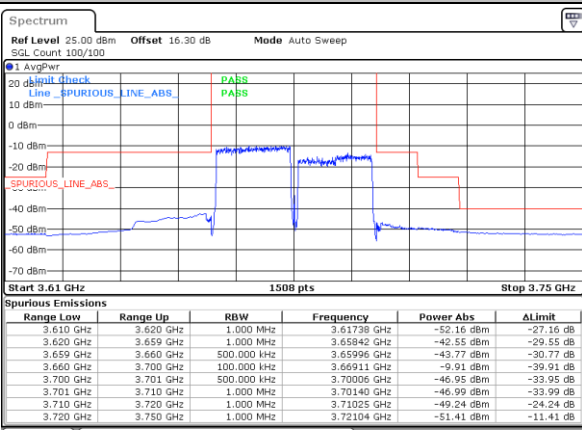
N/A



Date: 25_MAR_2021 15:16:03

Highest Band Edge / Full RB

N/A



Date: 25_MAR_2021 15:16:57



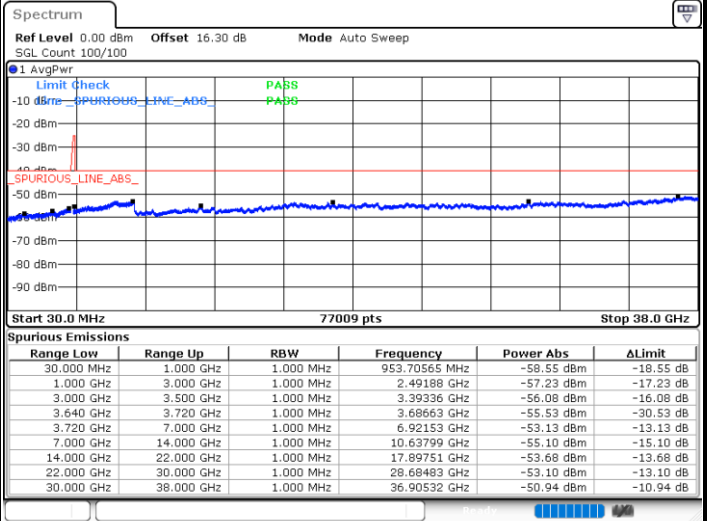
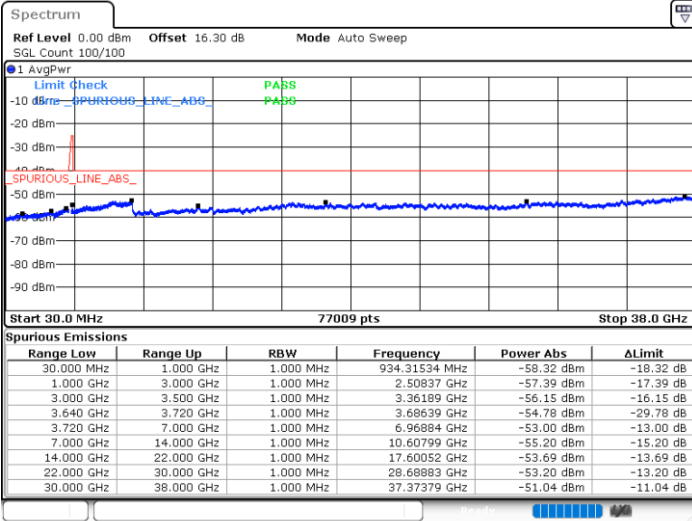
Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0

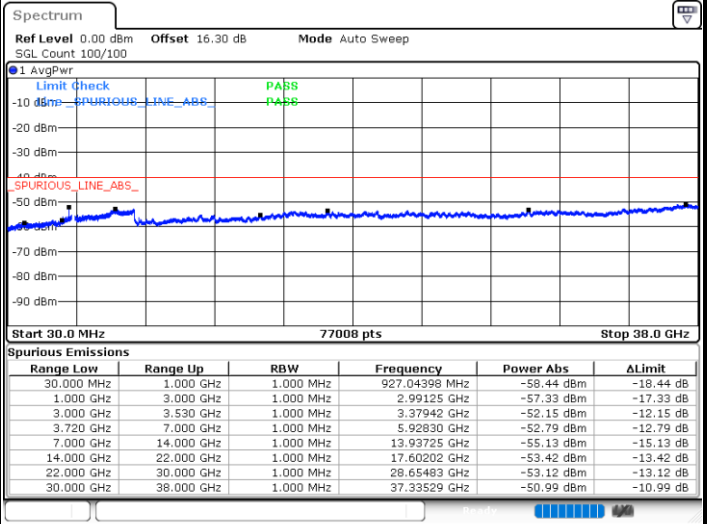
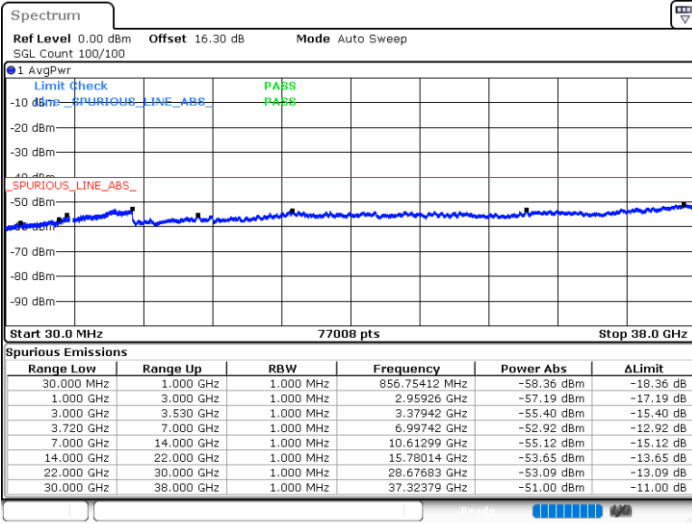


Date: 24.MAR.2021 11:40:17

Date: 24.MAR.2021 11:39:00

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



Date: 24.MAR.2021 13:48:22

Date: 24.MAR.2021 13:49:38

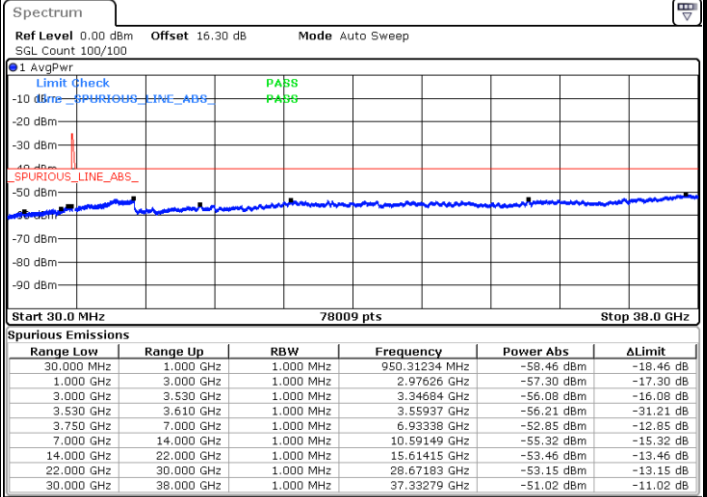
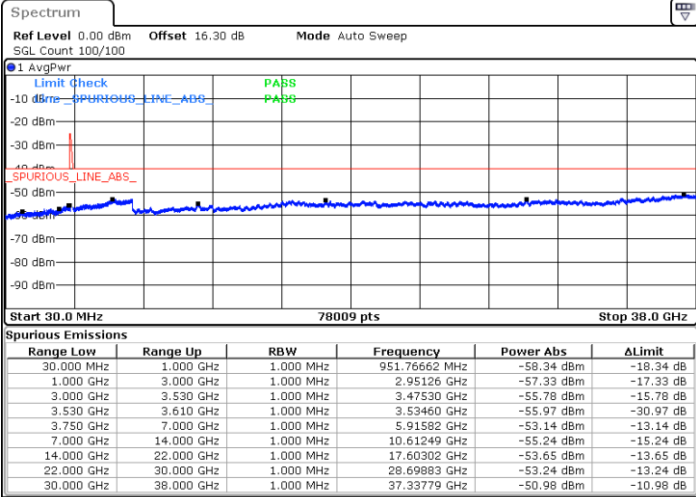


LTE Band 48C / 5MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Date: 24.MAR.2021 14:12:27

Date: 24.MAR.2021 14:11:10

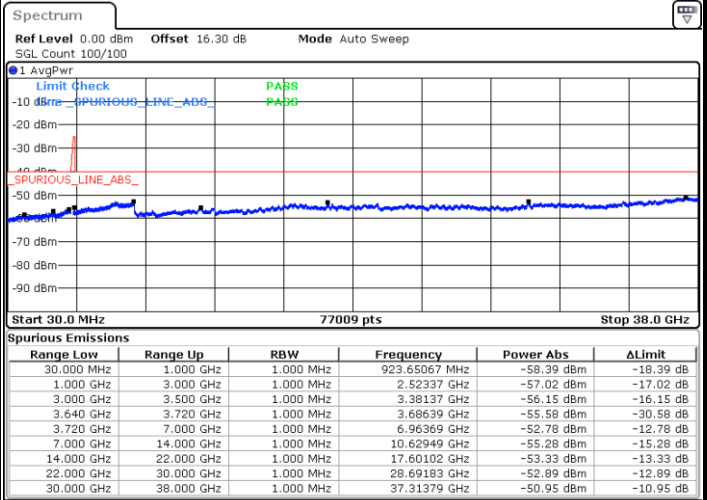
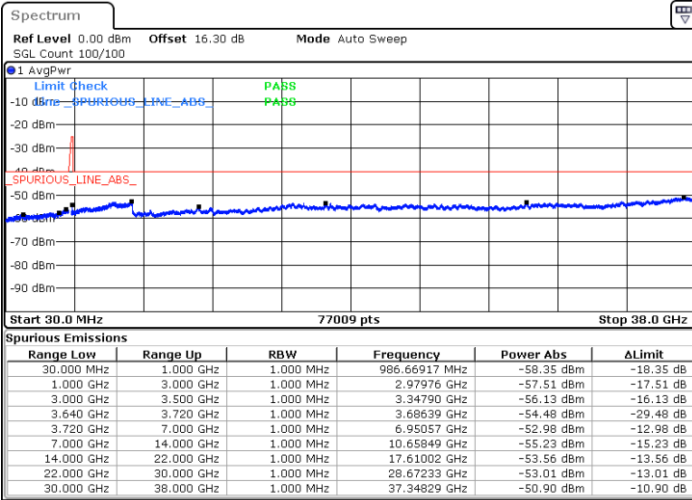


LTE Band 48C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0

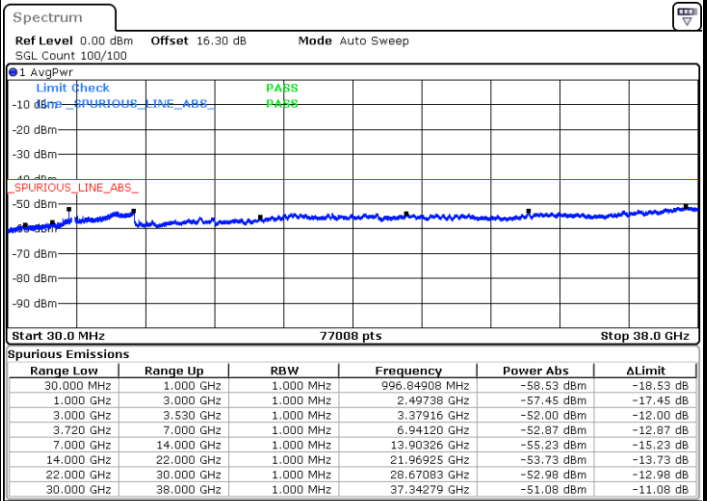
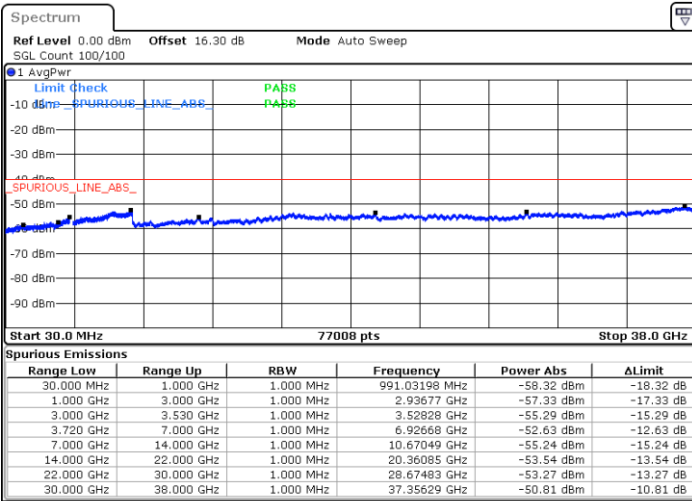


Date: 24.MAR.2021 16:09:49

Date: 24.MAR.2021 16:08:33

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 24.MAR.2021 16:26:04

Date: 24.MAR.2021 16:27:21

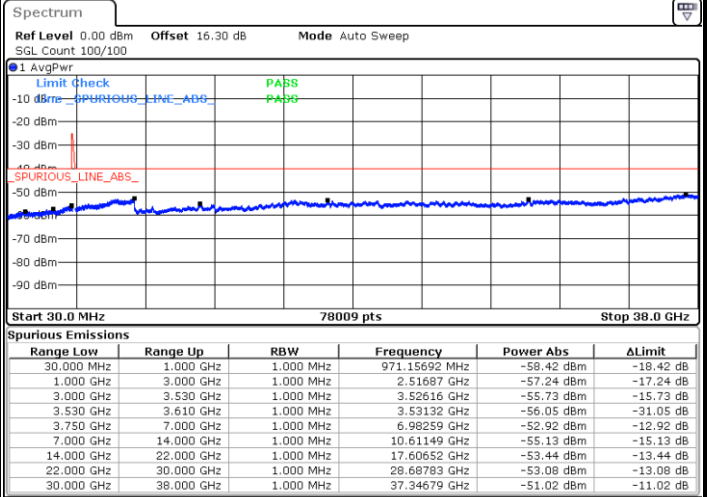
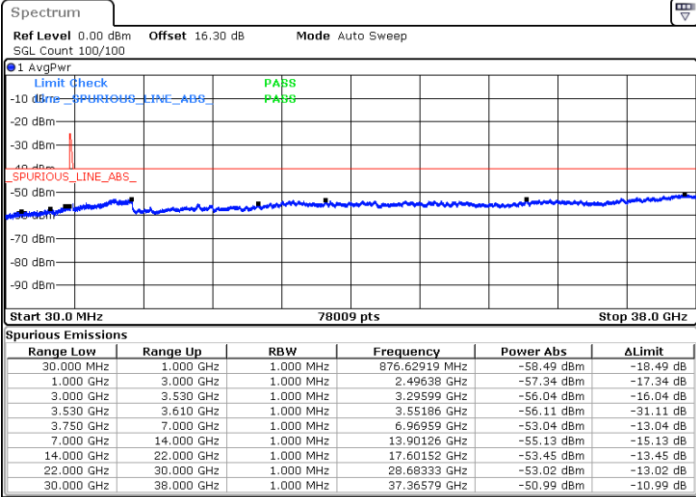


LTE Band 48C / 10MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 24.MAR.2021 16:57:23

Date: 24.MAR.2021 16:56:05

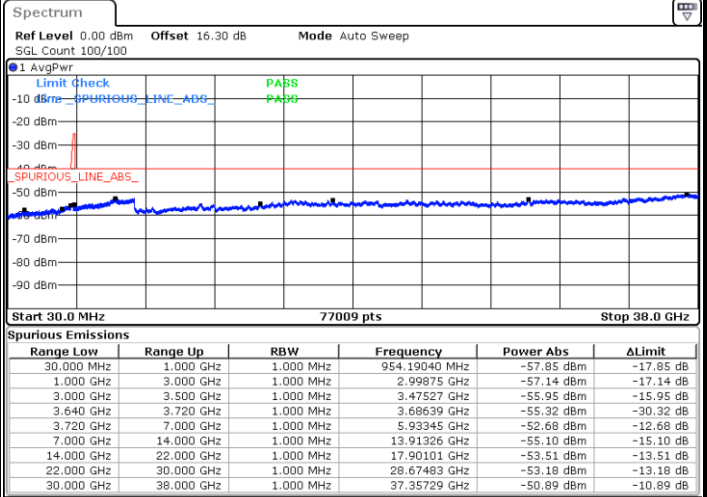
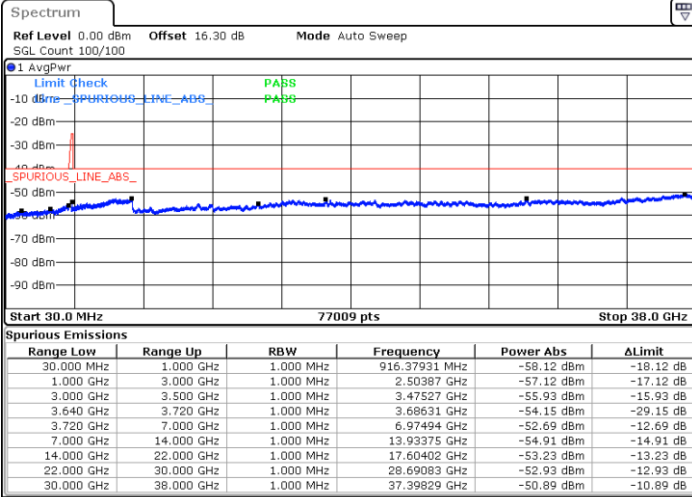


LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

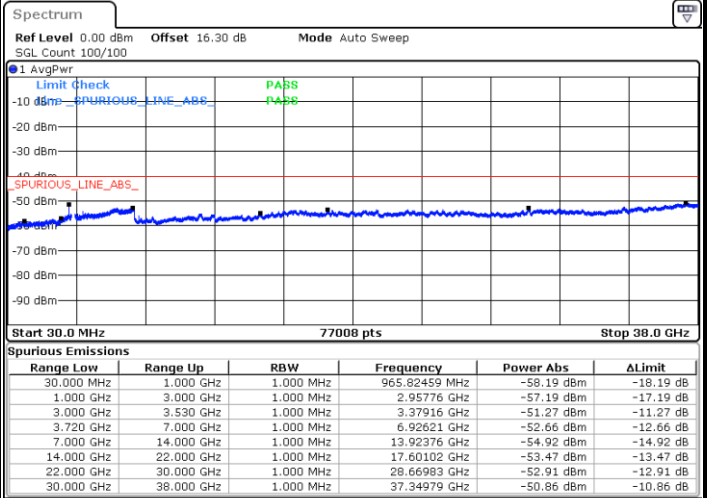
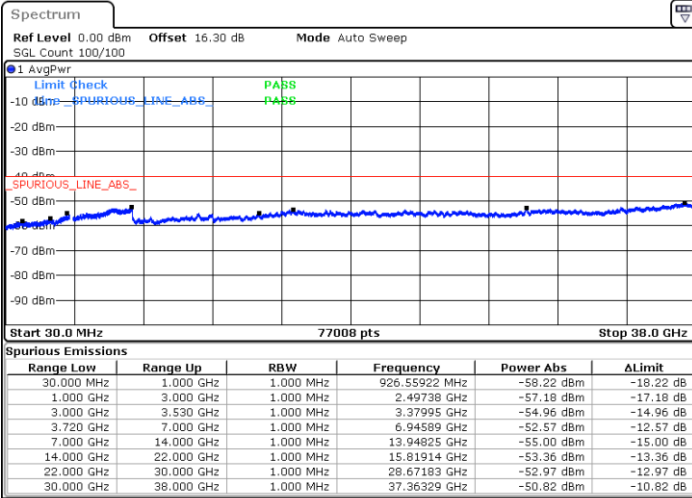


Date: 25.MAR.2021 10:44:00

Date: 25.MAR.2021 10:42:43

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 25.MAR.2021 11:00:15

Date: 25.MAR.2021 11:01:32

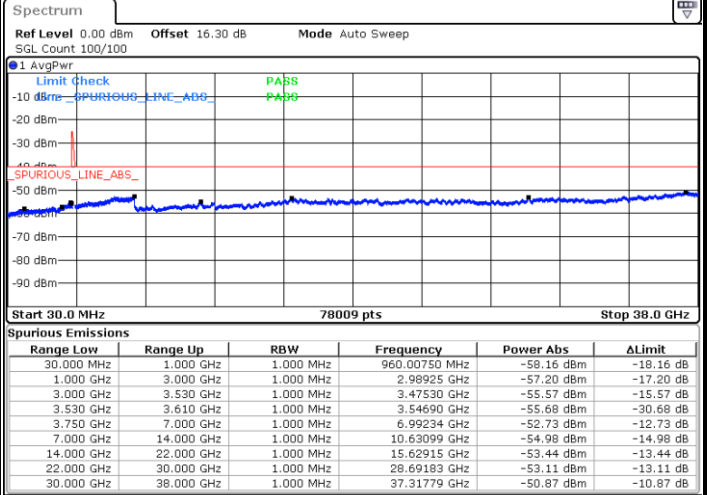
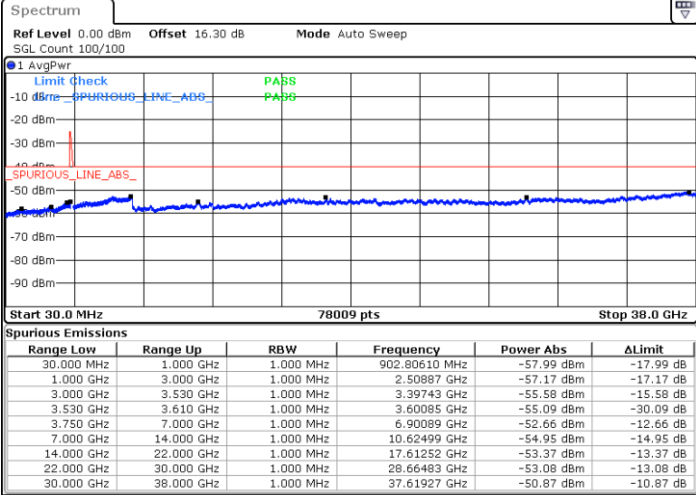


LTE Band 48C / 15MHz+20MHz

QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 25.MAR.2021 11:23:47

Date: 25.MAR.2021 11:22:29

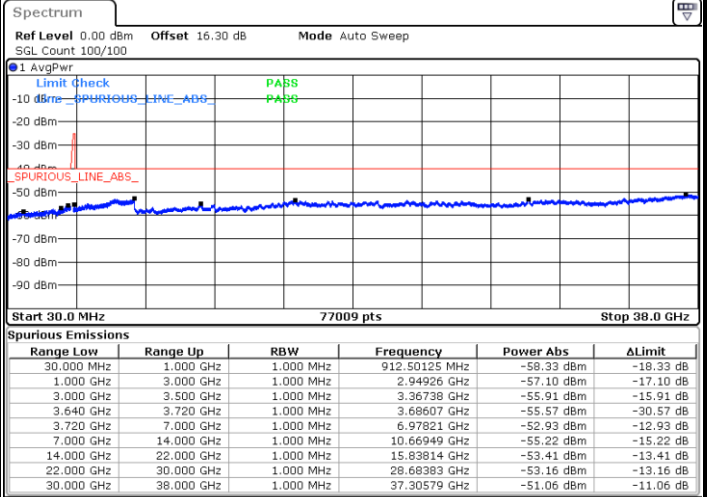
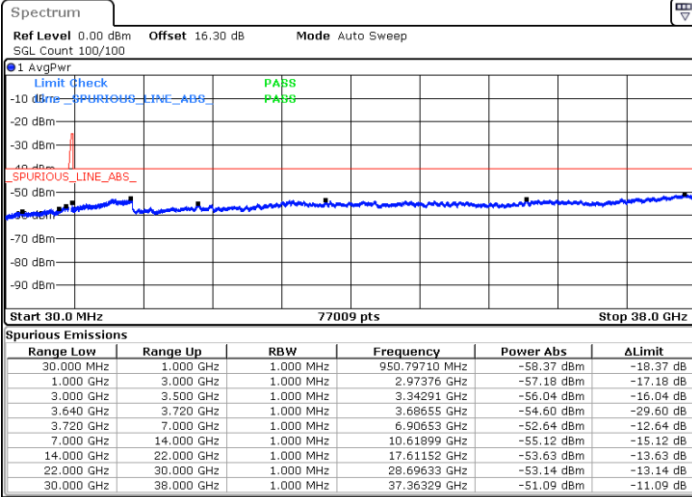


LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0

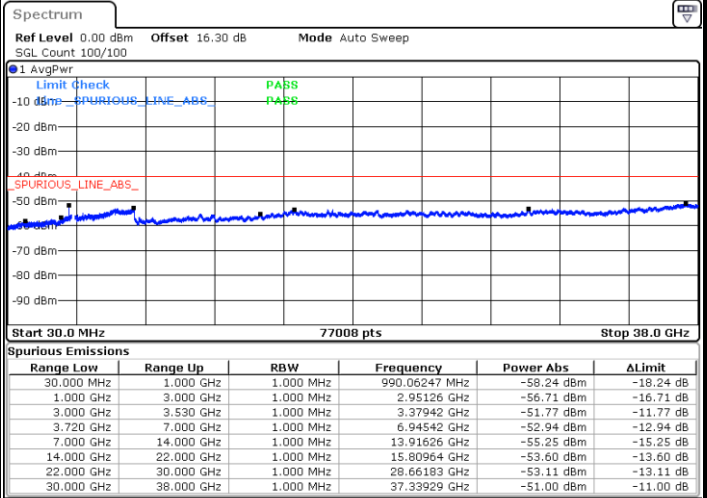
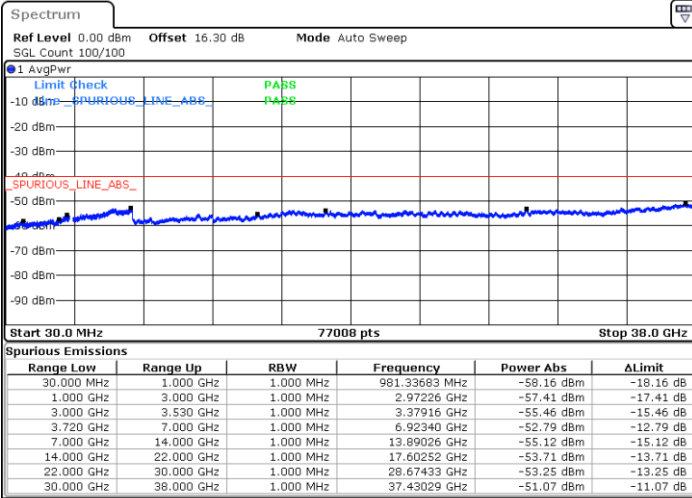


Date: 24.MAR.2021 14:38:13

Date: 24.MAR.2021 14:36:56

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 24.MAR.2021 14:54:25

Date: 24.MAR.2021 14:55:42

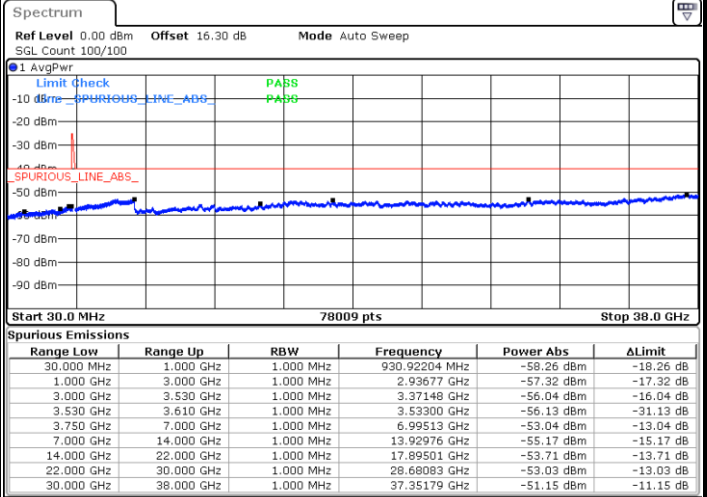
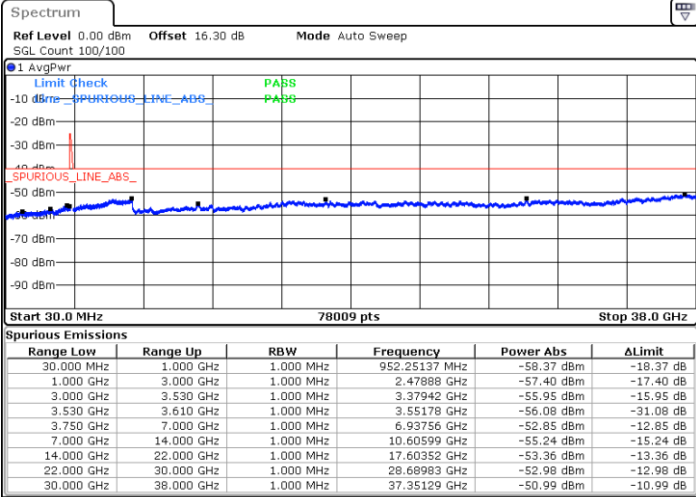


LTE Band 48C / 20MHz+5MHz

QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 24.MAR.2021 15:19:24

Date: 24.MAR.2021 15:18:07

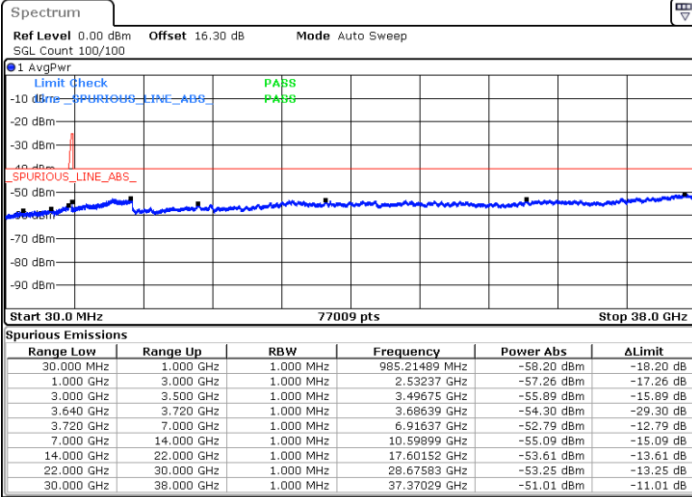


LTE Band 48C / 20MHz+10MHz

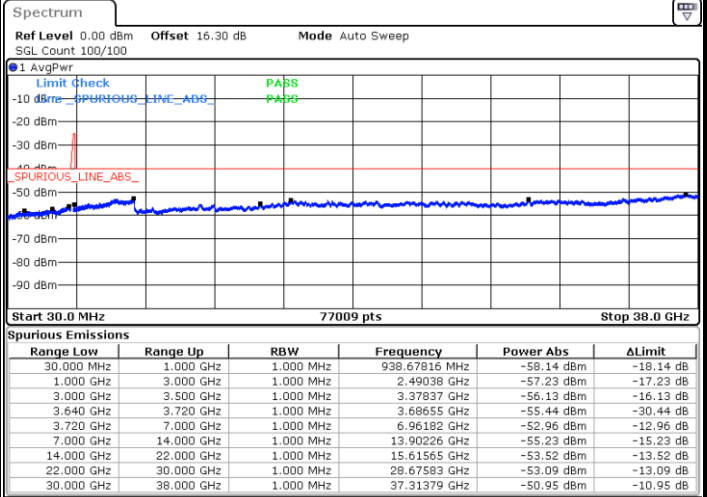
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



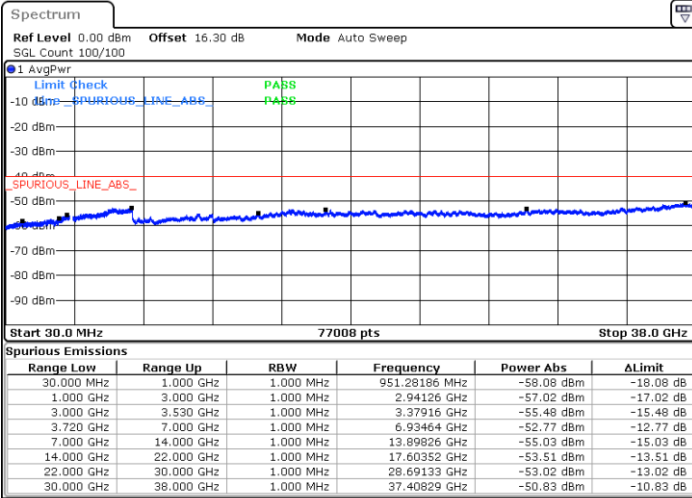
Date: 24.MAR.2021 17:22:31



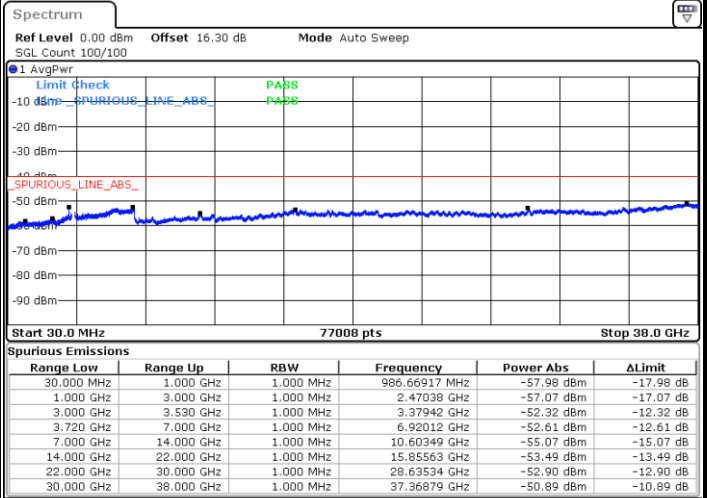
Date: 24.MAR.2021 17:21:14

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 25.MAR.2021 09:53:06



Date: 25.MAR.2021 09:54:23

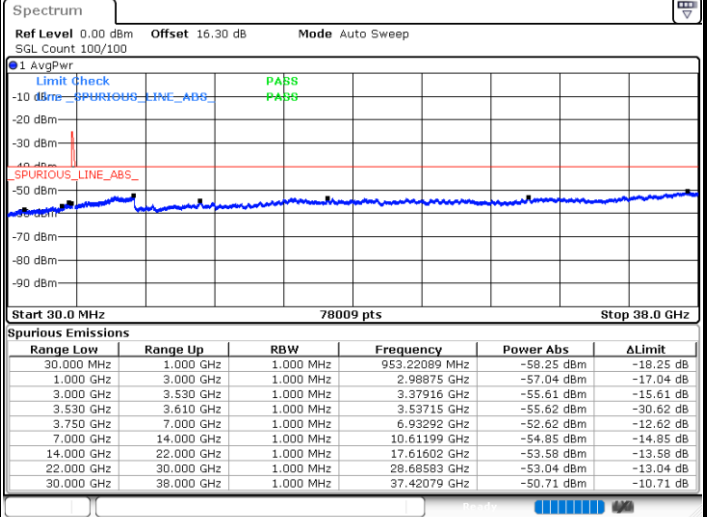
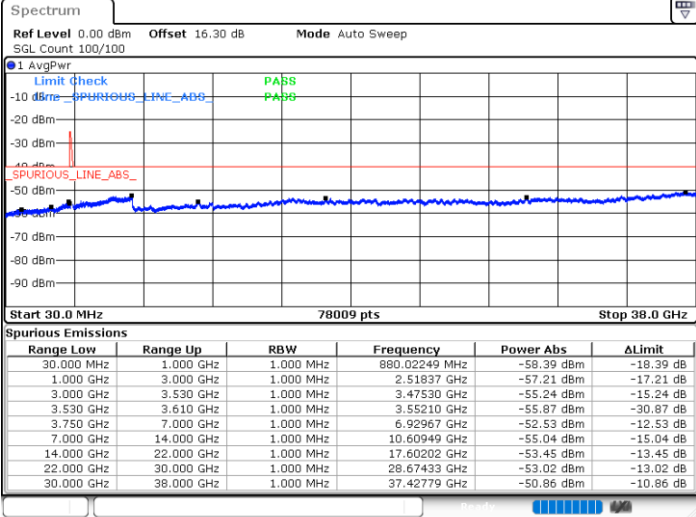


LTE Band 48C / 20MHz+10MHz

QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 25.MAR.2021 10:26:05

Date: 25.MAR.2021 10:24:48

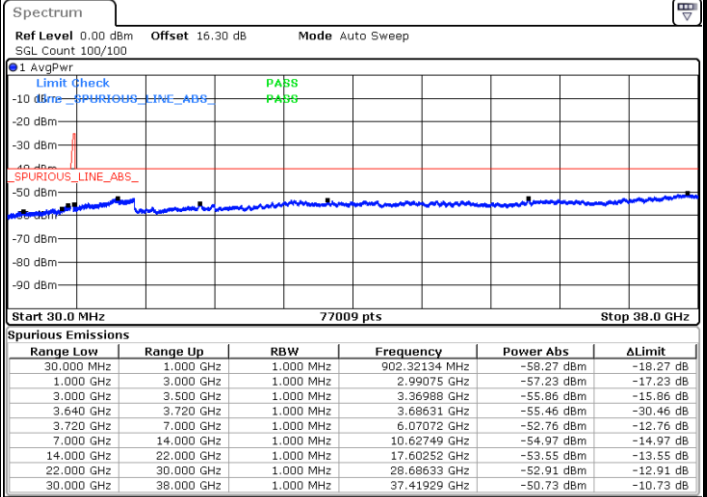
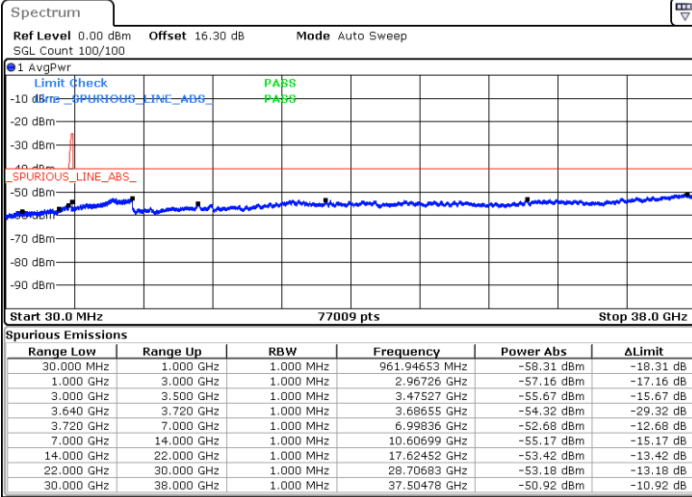


LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

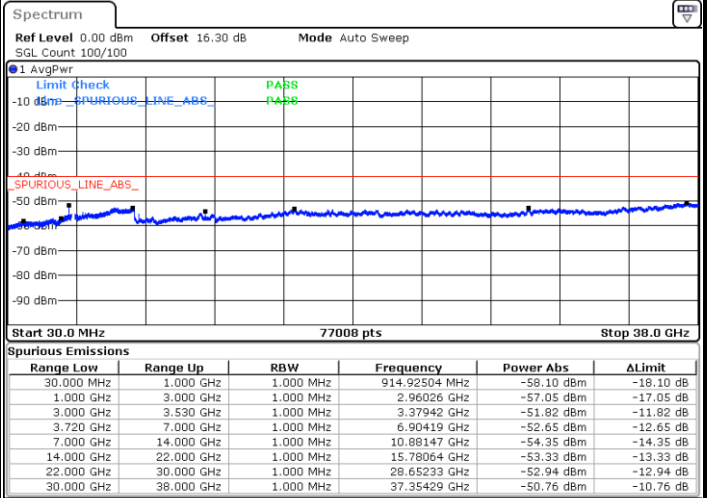
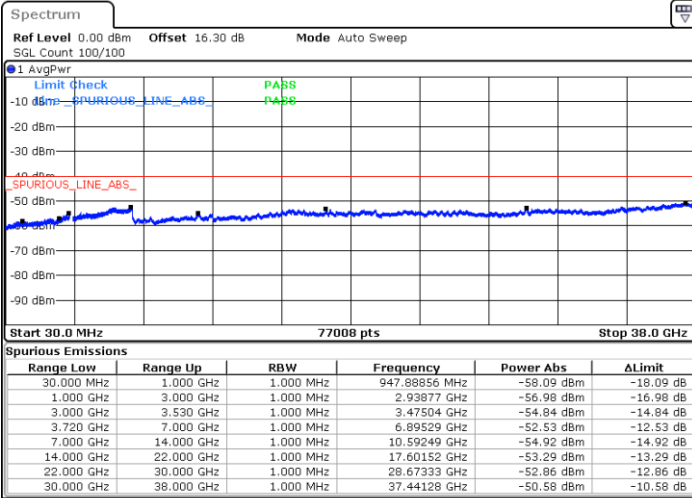


Date: 25.MAR.2021 11:43:47

Date: 25.MAR.2021 11:42:30

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 25.MAR.2021 13:39:16

Date: 25.MAR.2021 13:40:33

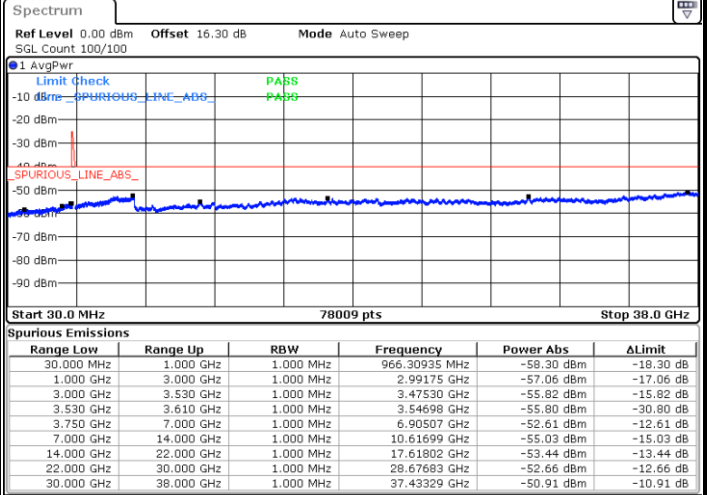
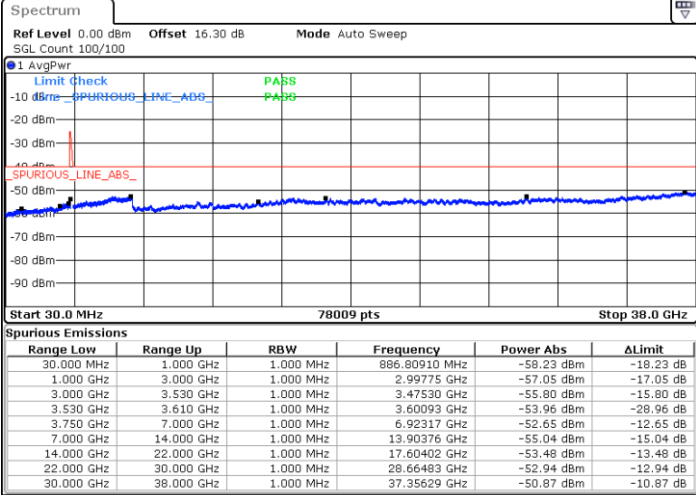


LTE Band 48C / 20MHz+15MHz

QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 25.MAR.2021 14:03:35

Date: 25.MAR.2021 14:02:18

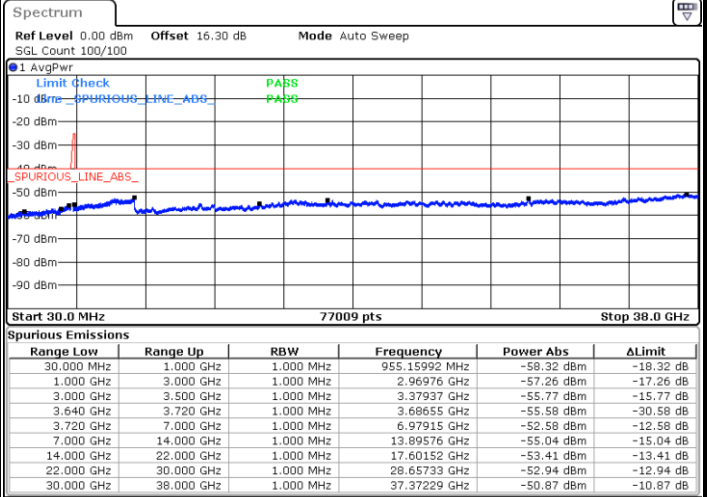
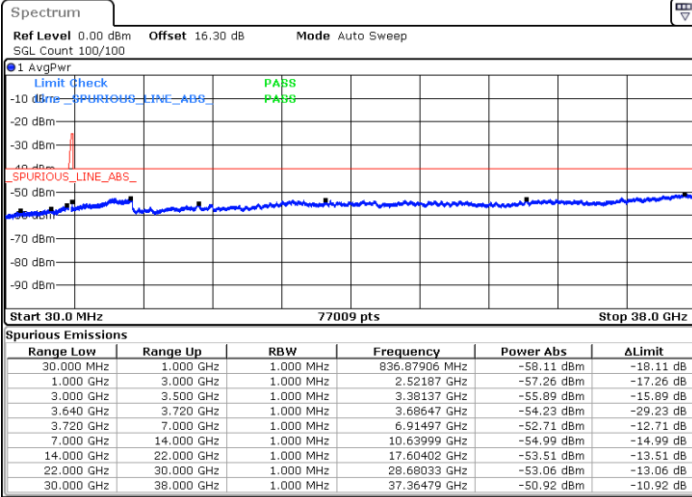


LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0

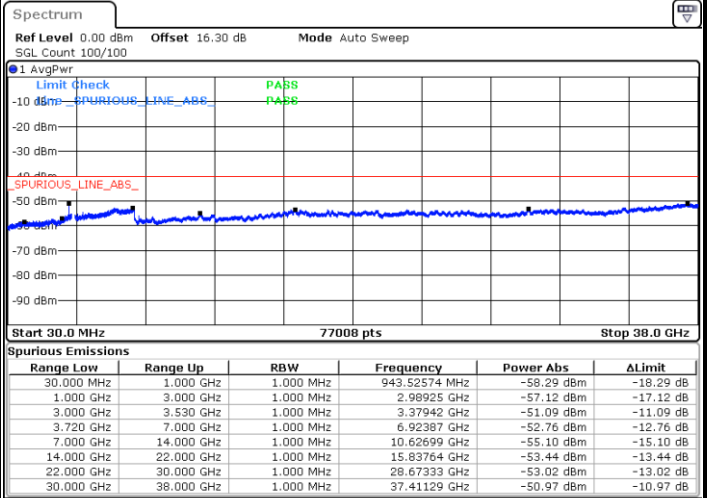
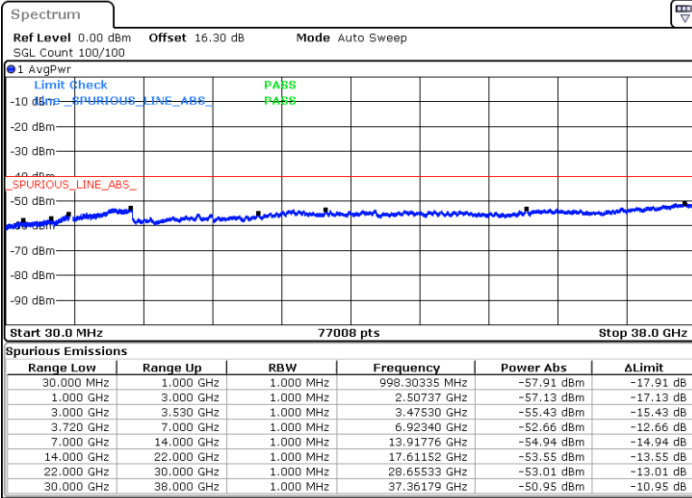


Date: 25.MAR.2021 14:23:51

Date: 25.MAR.2021 14:22:34

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 25.MAR.2021 14:43:29

Date: 25.MAR.2021 14:44:45

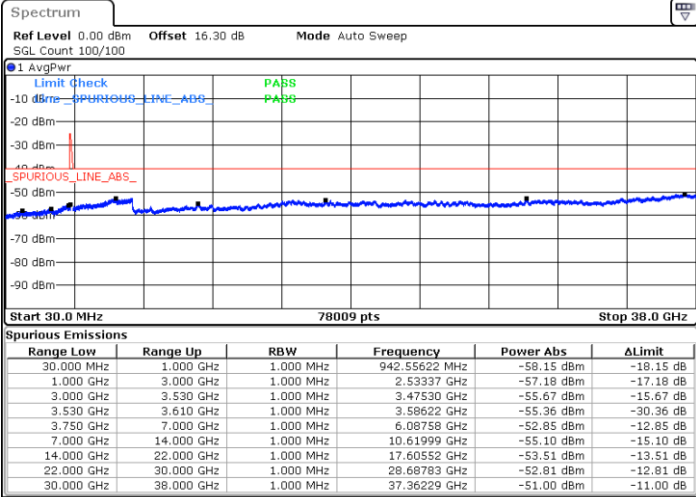


LTE Band 48C / 20MHz+20MHz

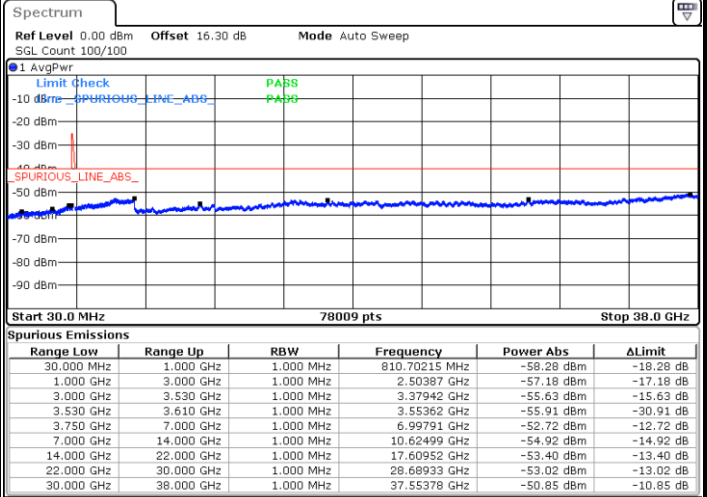
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 25.MAR.2021 15:07:25



Date: 25.MAR.2021 15:06:08



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	7102	-40.79	-40	-0.79	-36.83	-50.75	1.78	11.74	H
	10653	-58.10	-40	-18.10	-55.69	-66.53	2.47	10.90	H
	14204	-49.88	-40	-9.88	-52.73	-58.72	2.87	11.71	H
	21307	-54.32	-40	-14.32	-76.13	-71.04	1.98	18.70	H
	24859	-50.55	-40	-10.55	-75.31	-66.56	2.07	18.07	H
	28411	-50.76	-40	-10.76	-76.07	-68.01	2.32	19.56	H
									H
	7102	-48.41	-40	-8.41	-44.06	-58.37	1.78	11.74	V
	10653	-58.52	-40	-18.52	-55.86	-66.95	2.47	10.90	V
	14204	-52.76	-40	-12.76	-55.34	-61.60	2.87	11.71	V
	21307	-51.43	-40	-11.43	-73.11	-68.15	1.98	18.70	V
	24859	-51.46	-40	-11.46	-77.43	-67.47	2.07	18.07	V
	28411	-49.41	-40	-9.41	-76.54	-66.66	2.32	19.56	V
									V
Middle	7232	-42.14	-40	-2.14	-38.31	-51.82	1.85	11.53	H
	10848	-55.83	-40	-15.83	-53.71	-64.16	2.57	10.90	H
	14464	-55.41	-40	-15.41	-58.01	-63.64	2.85	11.09	H
	18077	-54.06	-40	-14.06	-72	-70.29	1.76	17.98	H
	21696	-53.53	-40	-13.53	-74.93	-70.32	1.99	18.78	H
	25314	-51.77	-40	-11.77	-76.97	-68.37	2.14	18.74	H
									H
	7232	-48.02	-40	-8.02	-43.92	-57.70	1.85	11.53	V
	10848	-54.57	-40	-14.57	-52.24	-62.90	2.57	10.90	V
	14464	-53.89	-40	-13.89	-55.66	-62.12	2.85	11.09	V
	18077	-54.69	-40	-14.69	-71.7	-70.92	1.76	17.98	V
	21696	-53.60	-40	-13.60	-74.99	-70.39	1.99	18.78	V
	25314	-50.36	-40	-10.36	-76.83	-66.96	2.14	18.74	V
									V



Highest	7362	-43.28	-40	-3.28	-39.26	-52.69	1.92	11.32	H
	11043	-57.59	-40	-17.59	-55.83	-65.91	2.63	10.95	H
	14724	-54.27	-40	-14.27	-57.92	-63.07	2.91	11.72	H
	18410	-55.71	-40	-15.71	-73.99	-71.76	1.87	17.92	H
	22084	-54.59	-40	-14.59	-76.49	-71.38	2.08	18.87	H
	25770	-51.39	-40	-11.39	-77.28	-68.41	2.03	19.05	H
									H
	7362	-45.79	-40	-5.79	-41.58	-55.20	1.92	11.32	V
	11043	-58.12	-40	-18.12	-56.2	-66.44	2.63	10.95	V
	14724	-55.42	-40	-15.42	-57.4	-64.22	2.91	11.72	V
	18410	-56.76	-40	-16.76	-74.16	-72.81	1.87	17.92	V
	22084	-54.45	-40	-14.45	-76.35	-71.24	2.08	18.87	V
	25770	-50.30	-40	-10.30	-77.37	-67.32	2.03	19.05	V
									V

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



LTE Band 48CA

LTE Band 48CA / 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	-44.79	-40	-4.79	-40.89	-54.67	1.80	11.68	H
	10705	-57.98	-40	-17.98	-55.65	-66.38	2.50	10.90	H
	14279	-50.81	-40	-10.81	-53.58	-59.48	2.86	11.53	H
	21418	-48.11	-40	-8.11	-69.64	-64.86	1.95	18.70	H
	24981	-51.41	-40	-11.41	-76.17	-67.60	2.08	18.27	H
	28556	-51.01	-40	-11.01	-76.24	-68.23	2.31	19.53	H
									H
	7140	-40.17	-40	-0.17	-35.92	-50.05	1.80	11.68	V
	10705	-58.20	-40	-18.20	-55.63	-66.60	2.50	10.90	V
	14279	-52.13	-40	-12.13	-54.47	-60.80	2.86	11.53	V
	21418	-51.89	-40	-11.89	-73.36	-68.64	1.95	18.70	V
	24981	-48.75	-40	-8.75	-74.66	-64.94	2.08	18.27	V
	28556	-48.58	-40	-8.58	-75.68	-65.80	2.31	19.53	V
									V
Middle	7248	-50.01	-40	-10.01	-46.15	-59.66	1.85	11.50	H
	10870	-55.19	-40	-15.19	-53.1	-63.51	2.58	10.90	H
	14496	-55.19	-40	-15.19	-57.77	-63.35	2.85	11.01	H
	18122	-54.18	-40	-14.18	-72.17	-70.38	1.77	17.98	H
	21751	-51.39	-40	-11.39	-72.81	-68.18	2.01	18.80	H
	25370	-51.86	-40	-11.86	-77.14	-68.53	2.15	18.82	H
									H
	7248	-46.42	-40	-6.42	-42.31	-56.07	1.85	11.50	V
	10870	-54.81	-40	-14.81	-52.52	-63.13	2.58	10.90	V
	14496	-56.00	-40	-16.00	-57.68	-64.16	2.85	11.01	V
	18122	-54.98	-40	-14.98	-72.05	-71.18	1.77	17.98	V
	21751	-50.17	-40	-10.17	-71.58	-66.96	2.01	18.80	V
	25370	-49.56	-40	-9.56	-76.13	-66.23	2.15	18.82	V
									V



Highest	7360	-52.48	-40	-12.48	-48.46	-61.89	1.91	11.32	H
	11040	-55.38	-40	-15.38	-53.62	-63.69	2.63	10.95	H
	14718	-54.10	-40	-14.10	-57.71	-62.89	2.91	11.70	H
	18399	-55.99	-40	-15.99	-74.26	-72.04	1.87	17.92	H
	22073	-42.34	-40	-2.34	-64.24	-59.13	2.08	18.87	H
	25758	-51.39	-40	-11.39	-77.26	-68.41	2.04	19.05	H
									H
	7360	-48.34	-40	-8.34	-44.13	-57.75	1.91	11.32	V
	11040	-56.31	-40	-16.31	-54.39	-64.63	2.63	10.95	V
	14718	-54.88	-40	-14.88	-56.85	-63.67	2.91	11.70	V
	18399	-56.12	-40	-16.12	-73.51	-72.17	1.87	17.92	V
	22073	-42.49	-40	-2.49	-64.33	-59.28	2.08	18.87	V
	25758	-49.28	-40	-9.28	-76.34	-66.30	2.04	19.05	V
									V

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