

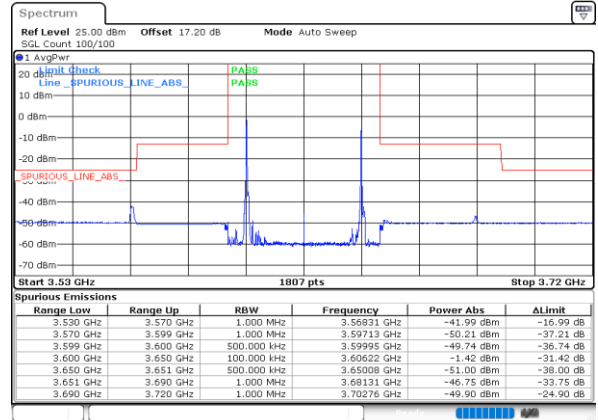
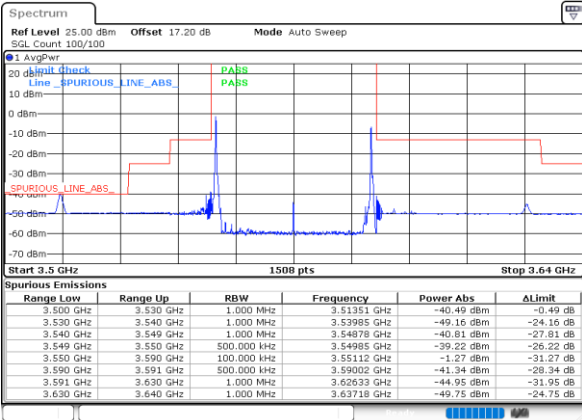


LTE Band 48C / 20MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Middle Band Edge / 1RB0 and 1RB9

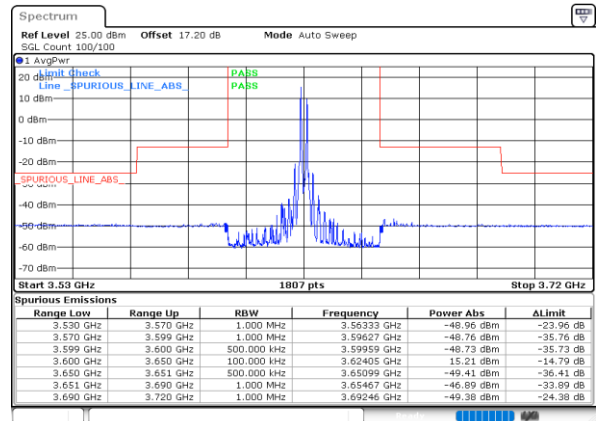
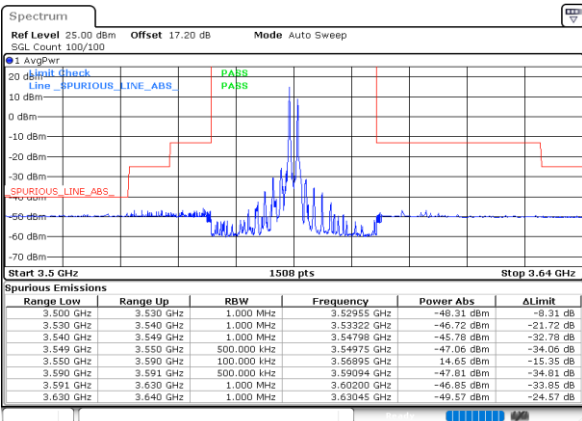


Date: 30_SEF.2022 17:03:28

Date: 3_OCT.2022 16:35:19

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

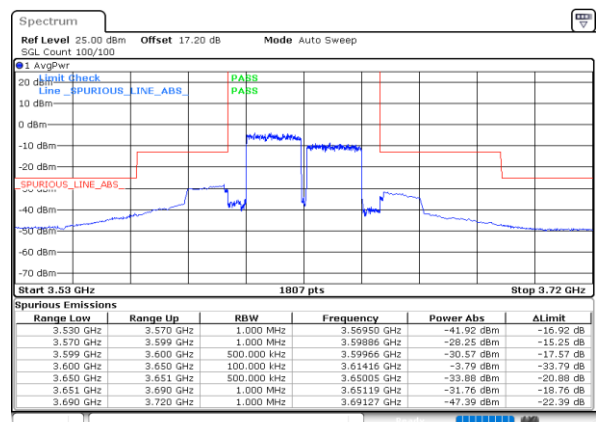
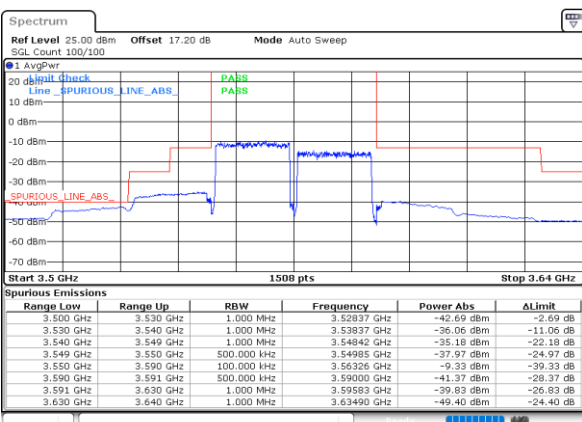


Date: 3_OCT.2022 16:13:48

Date: 3_OCT.2022 16:46:03

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 3_OCT.2022 15:53:20

Date: 3_OCT.2022 16:25:28

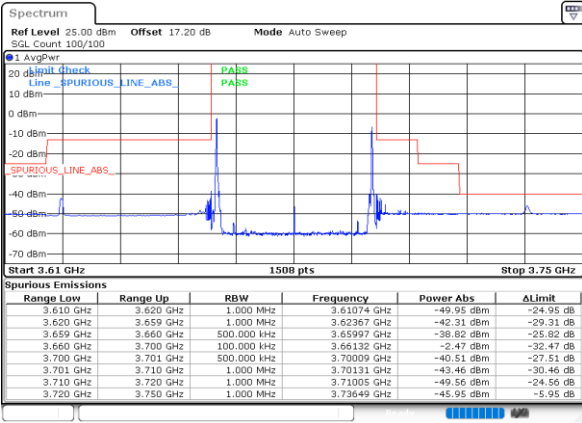


LTE Band 48C / 20MHz+20MHz

256QAM

Highest Band Edge / 1RB0 and 1RB9

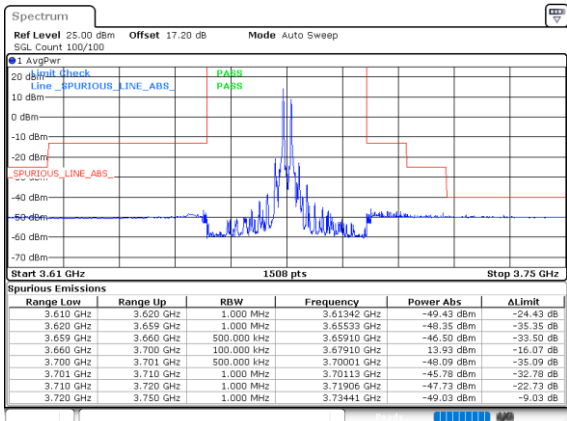
N/A



Date: 3.OCT.2022 15:31:07

Highest Band Edge / 1RB9 and 1RB0

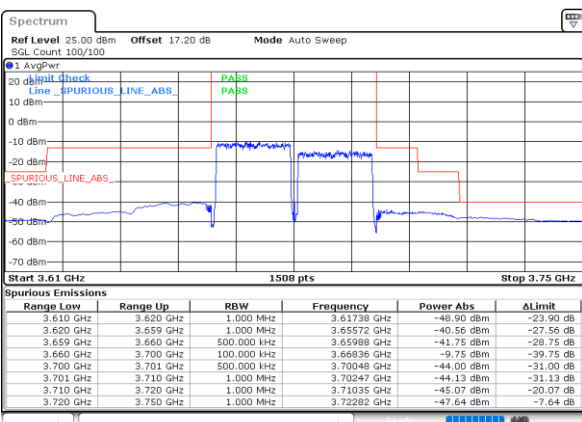
N/A



Date: 3.OCT.2022 15:41:44

Highest Band Edge / Full RB

N/A



Date: 3.OCT.2022 15:21:21

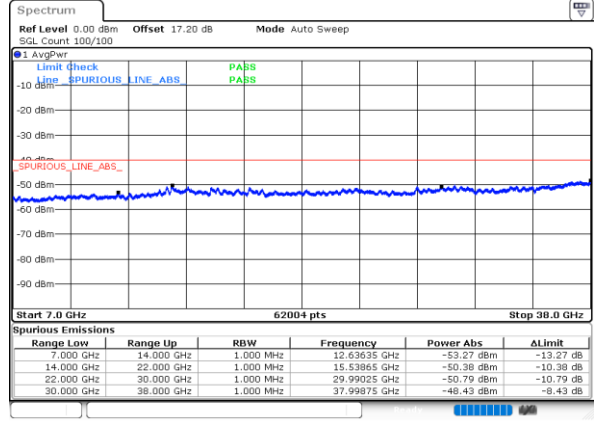
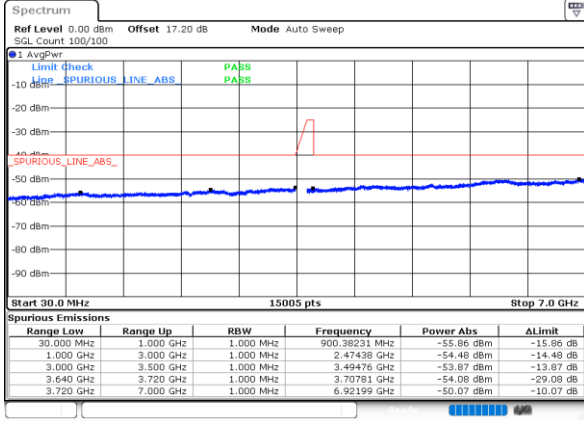


Conducted Spurious Emission

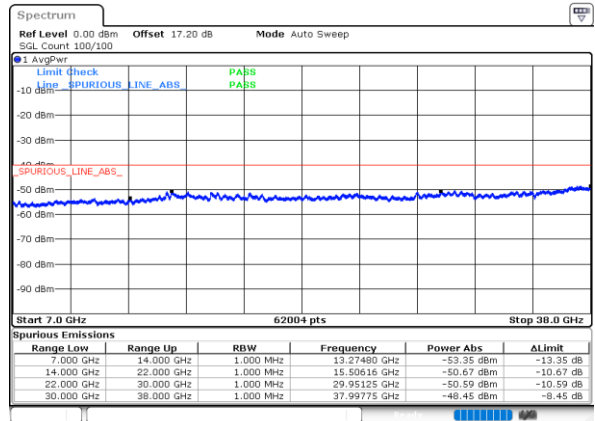
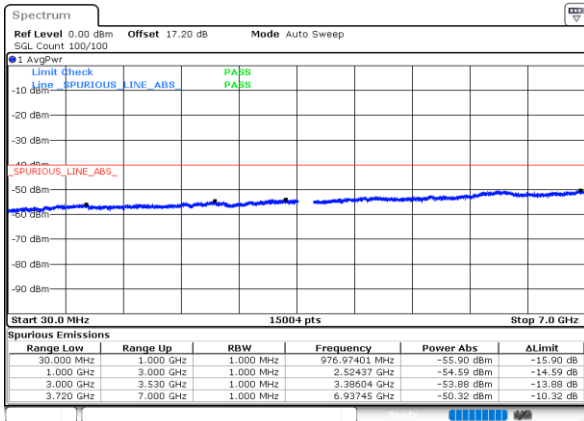
LTE Band 48C / 5MHz+20MHz

QPSK

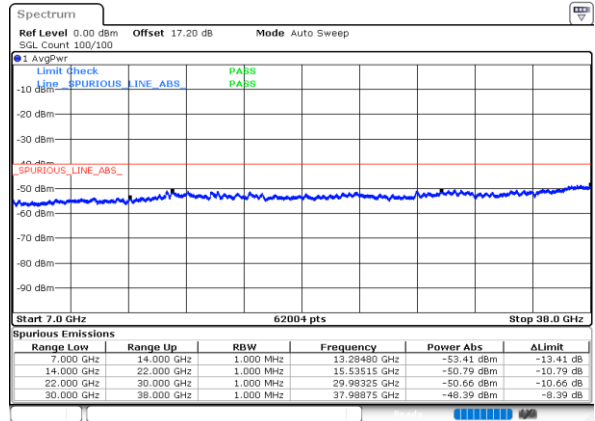
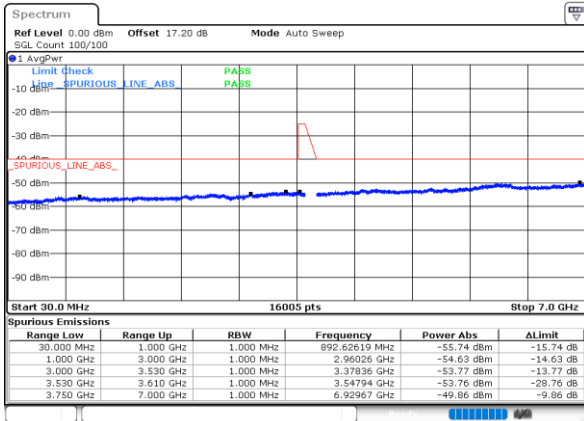
Lowest Channel / 1RB0 and 1RB99



Middle Channel / 1RB0 and 1RB99



Highest Channel / 1RB0 and 1RB99

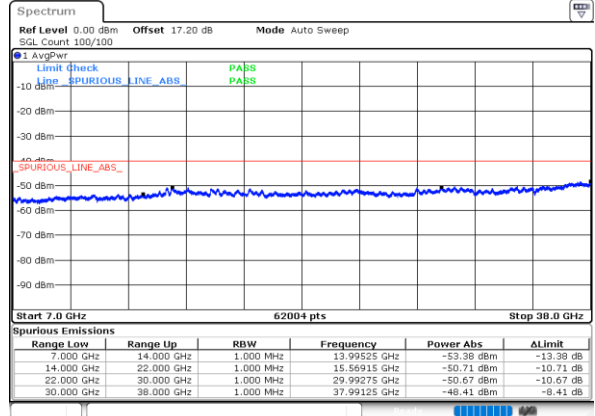
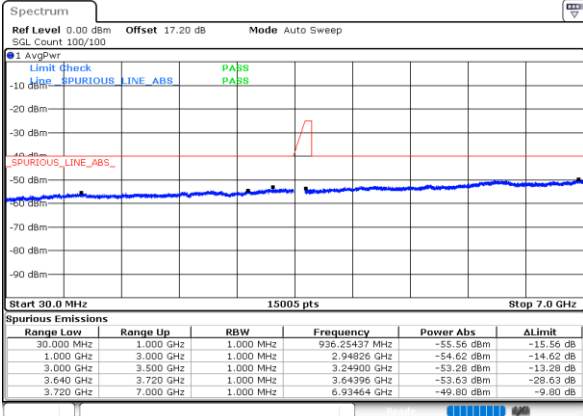




LTE Band 48C / 5MHz+20MHz

QPSK

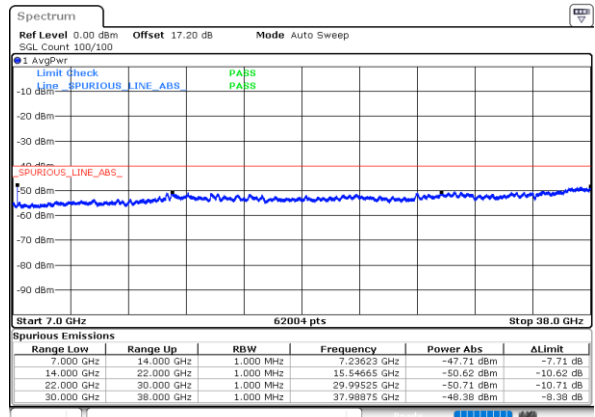
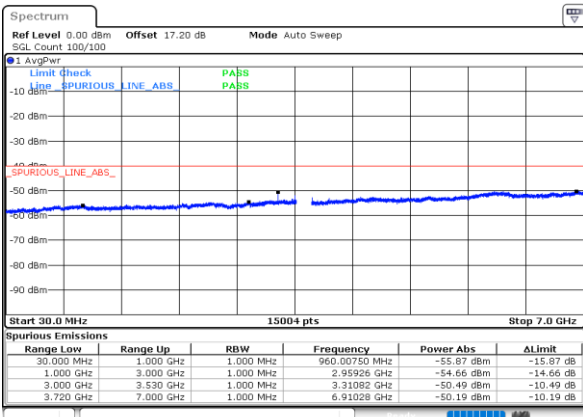
Lowest Channel / 1RB24 and 1RB0



Date: 1.OCT.2022 15:06:46

Date: 1.OCT.2022 15:06:23

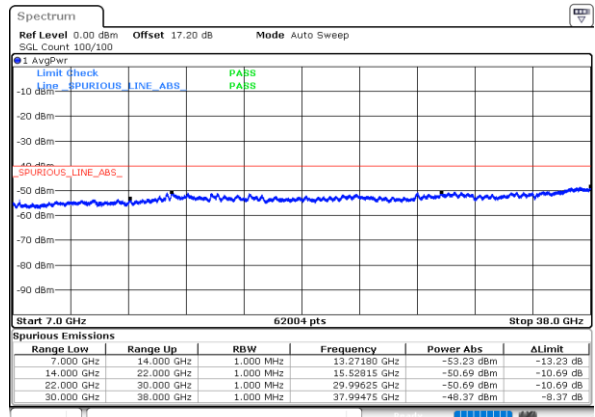
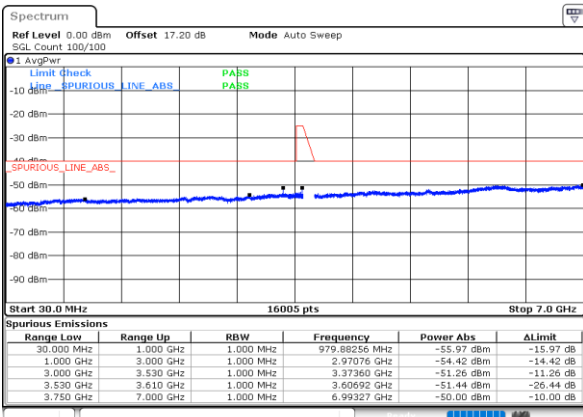
Middle Channel / 1RB24 and 1RB0



Date: 1.OCT.2022 15:44:49

Date: 1.OCT.2022 15:46:27

Highest Channel / 1RB24 and 1RB0



Date: 1.OCT.2022 14:26:43

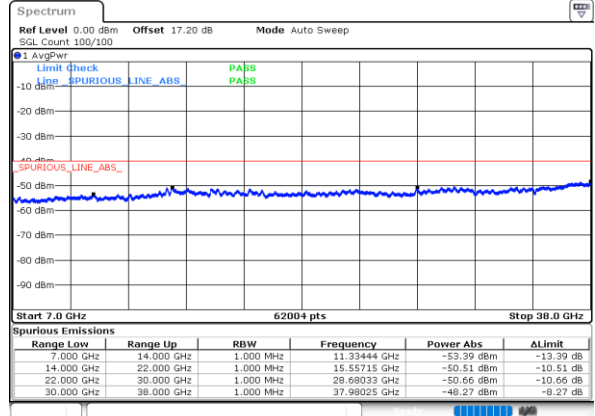
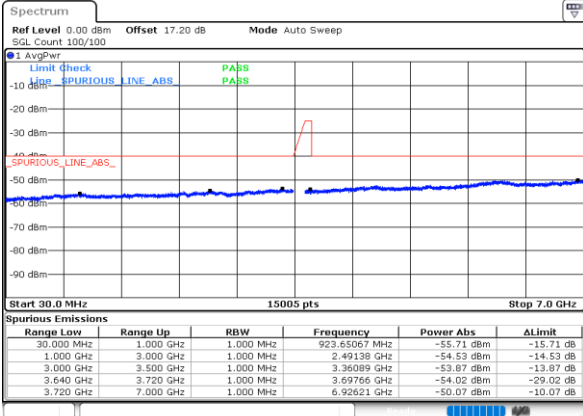
Date: 1.OCT.2022 14:29:52



LTE Band 48C / 10MHz+20MHz

QPSK

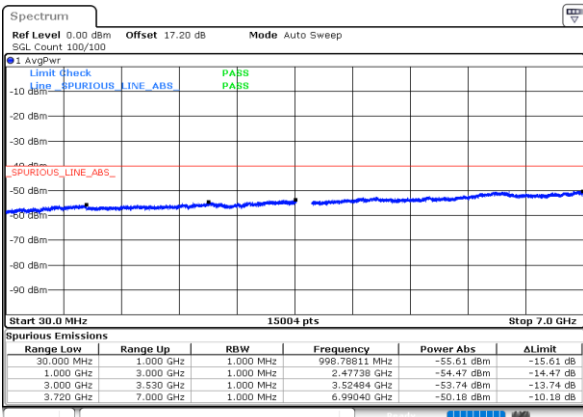
Lowest Channel / 1RB0 and 1RB99



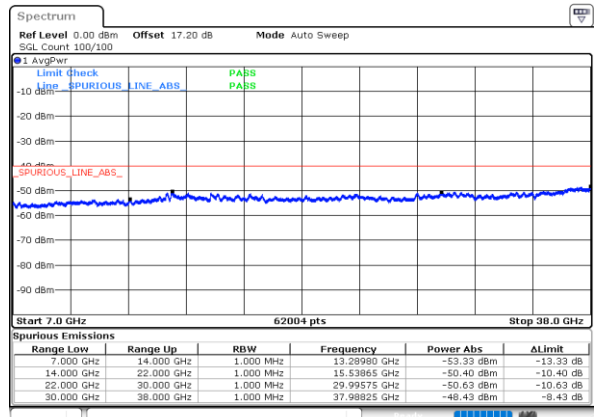
Date: 1.OCT.2022 16:11:20

Date: 1.OCT.2022 16:12:58

Middle Channel / 1RB0 and 1RB99

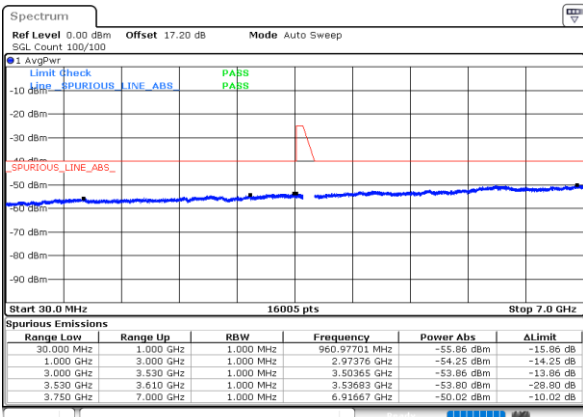


Date: 1.OCT.2022 16:46:21

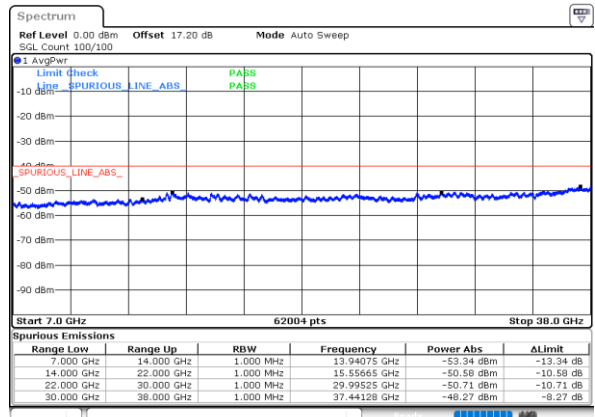


Date: 1.OCT.2022 16:48:00

Highest Channel / 1RB0 and 1RB99



Date: 1.OCT.2022 17:21:32



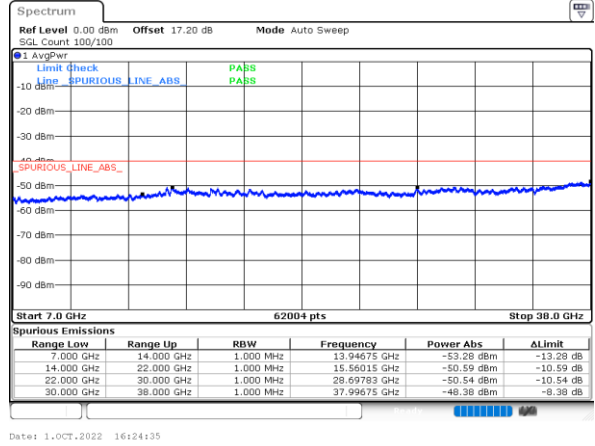
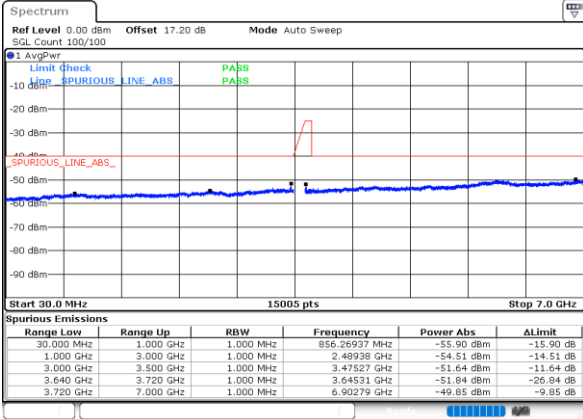
Date: 1.OCT.2022 17:23:13



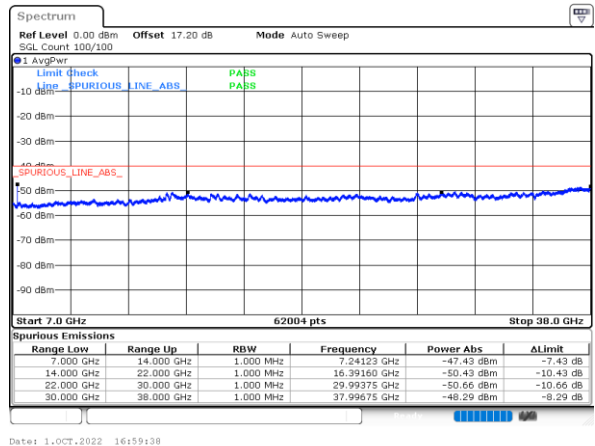
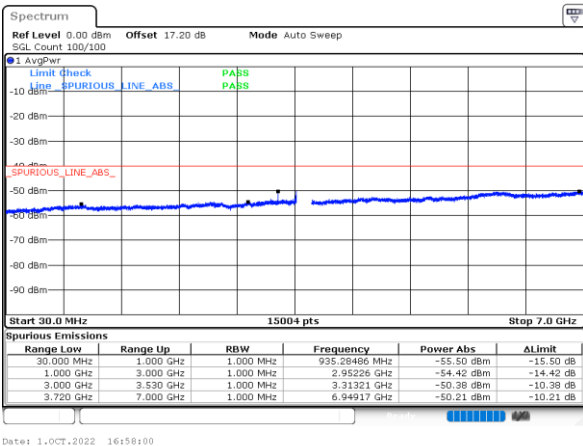
LTE Band 48C / 10MHz+20MHz

QPSK

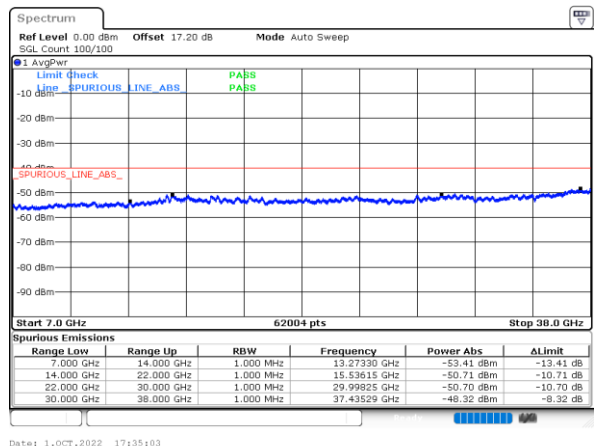
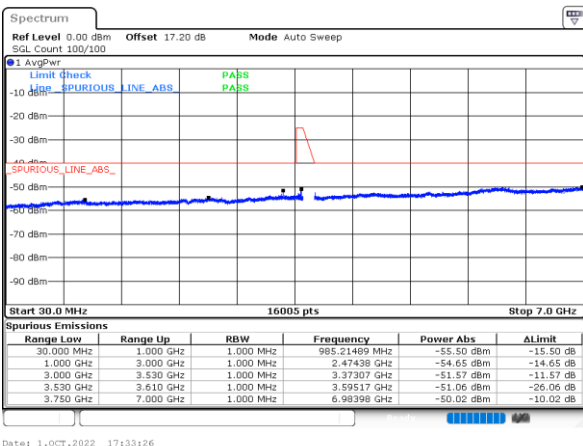
Lowest Channel / 1RB49 and 1RB0



Middle Channel / 1RB49 and 1RB0



Highest Channel / 1RB49 and 1RB0

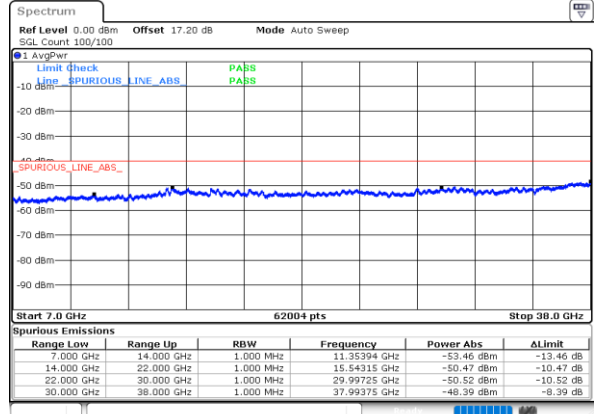
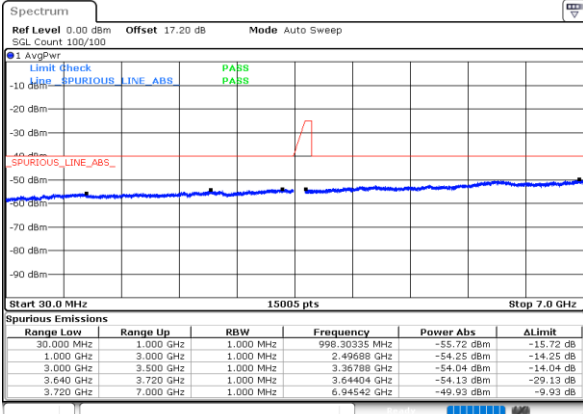




LTE Band 48C / 15MHz+20MHz

QPSK

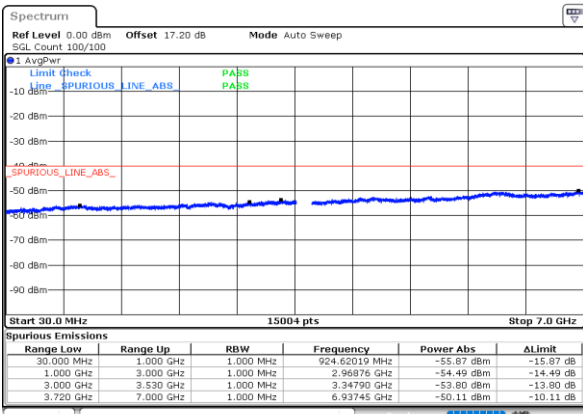
Lowest Channel / 1RB0 and 1RB99



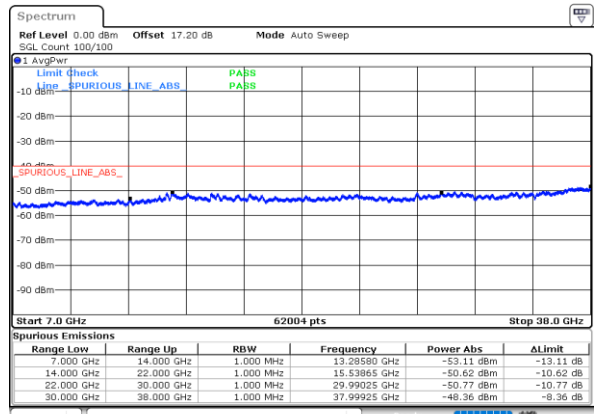
Date: 1.OCT.2022 17:57:02

Date: 1.OCT.2022 17:58:39

Middle Channel / 1RB0 and 1RB99

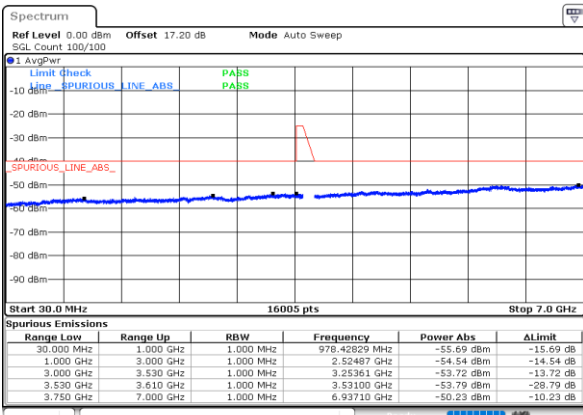


Date: 1.OCT.2022 18:32:13

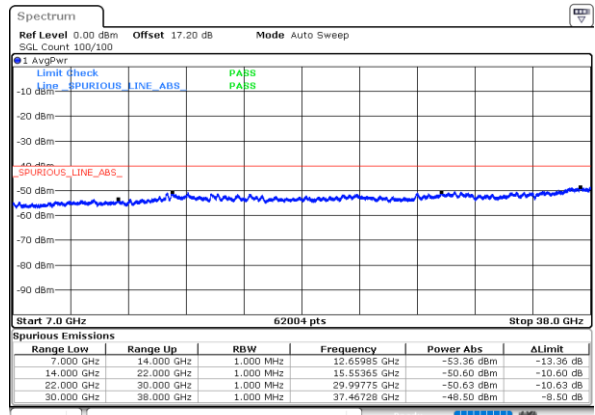


Date: 1.OCT.2022 18:33:51

Highest Channel / 1RB0 and 1RB99



Date: 1.OCT.2022 19:07:30



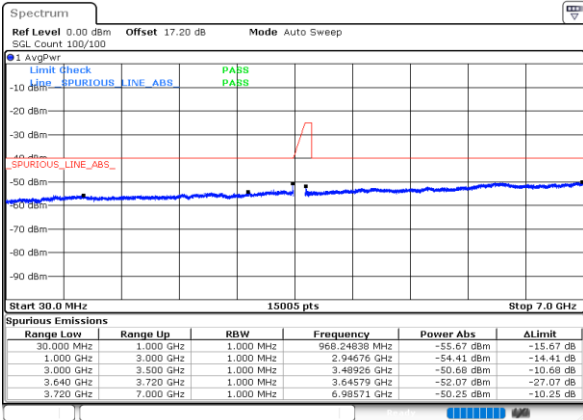
Date: 1.OCT.2022 19:09:08



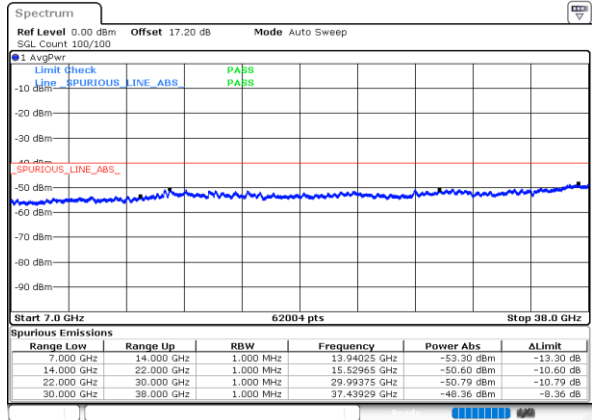
LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

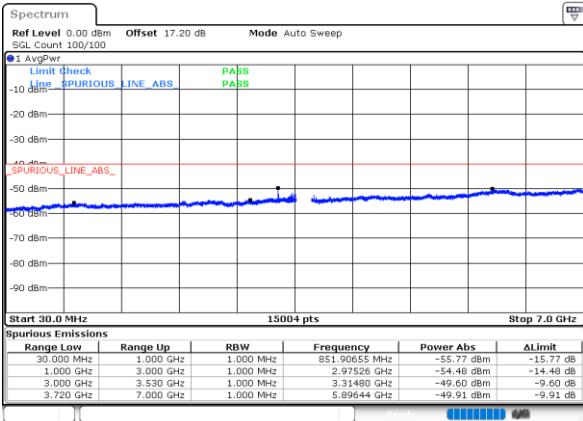


Date: 1.OCT.2022 18:10:40

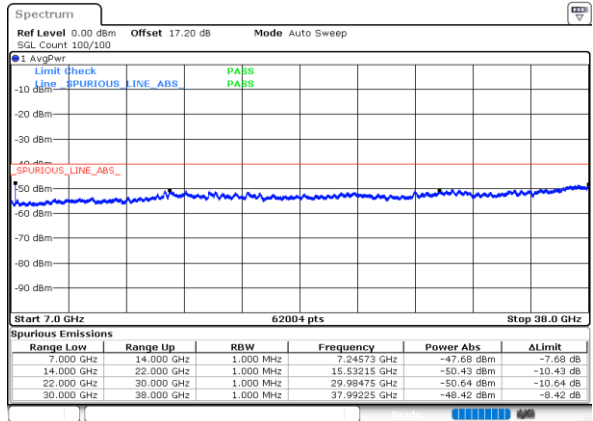


Date: 1.OCT.2022 18:10:18

Middle Channel / 1RB74 and 1RB0

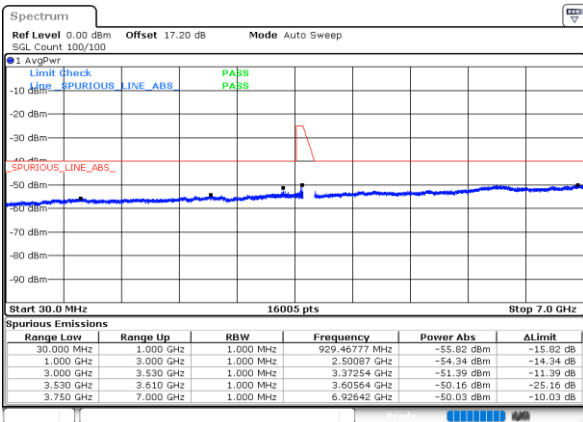


Date: 1.OCT.2022 18:43:54

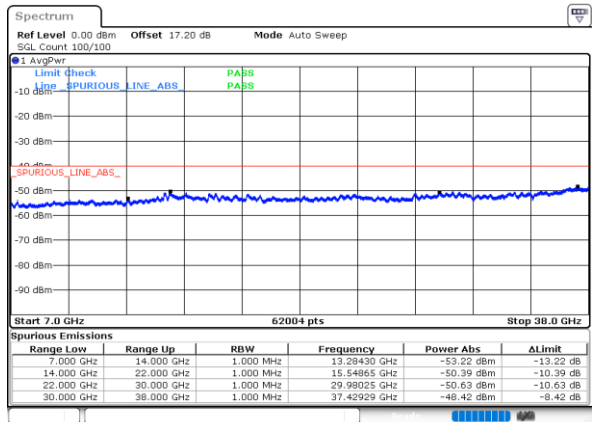


Date: 1.OCT.2022 18:45:32

Highest Channel / 1RB74 and 1RB0



Date: 1.OCT.2022 19:19:09



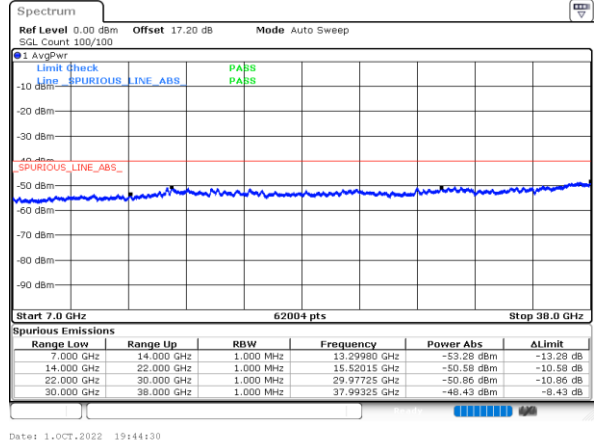
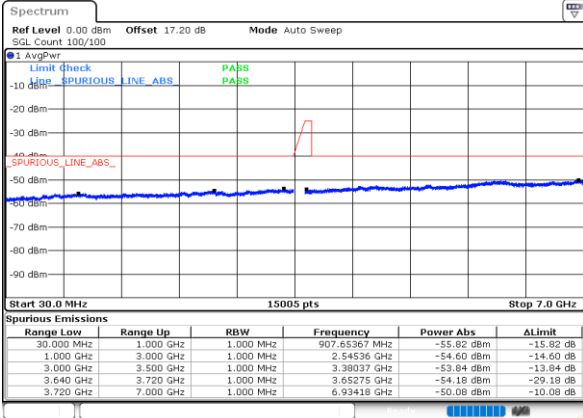
Date: 1.OCT.2022 19:20:47



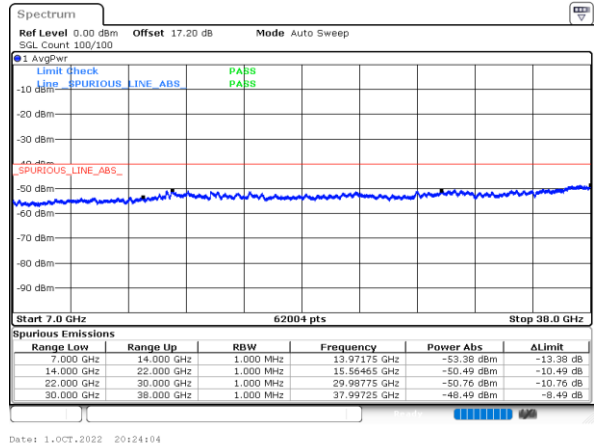
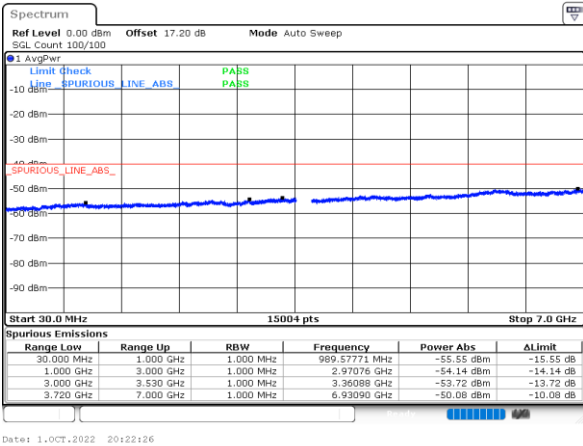
LTE Band 48C / 20MHz+5MHz

QPSK

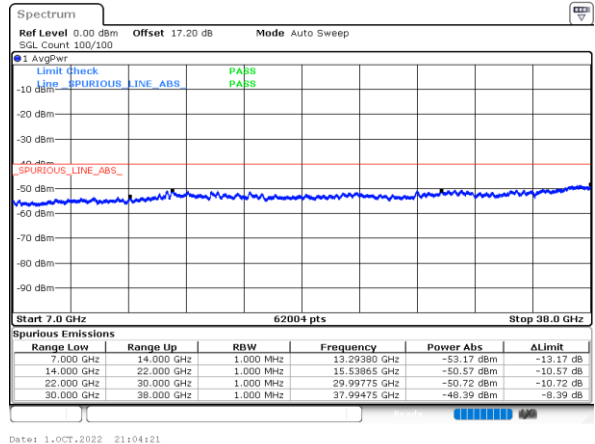
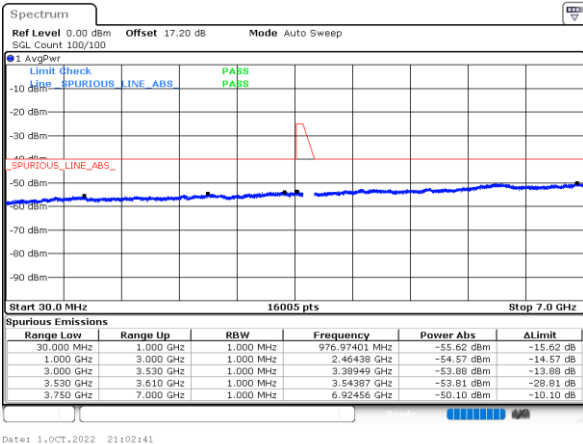
Lowest Channel / 1RB0 and 1RB24



Middle Channel / 1RB0 and 1RB24



Highest Channel / 1RB0 and 1RB24

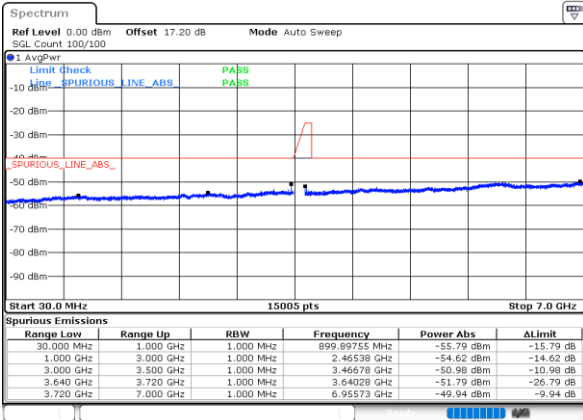




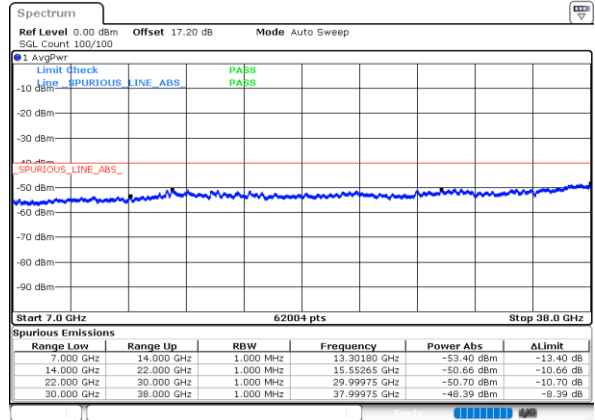
LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

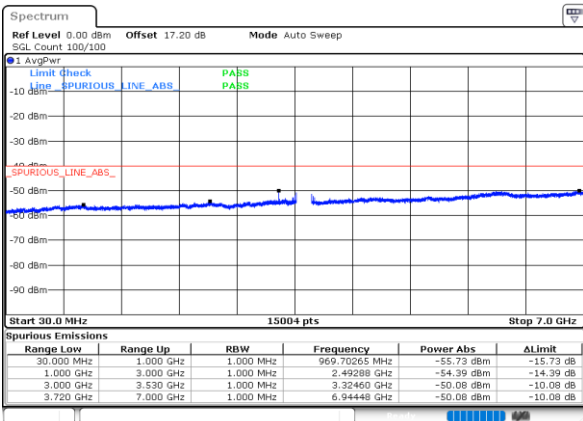


Date: 1.OCT.2022 19:57:06

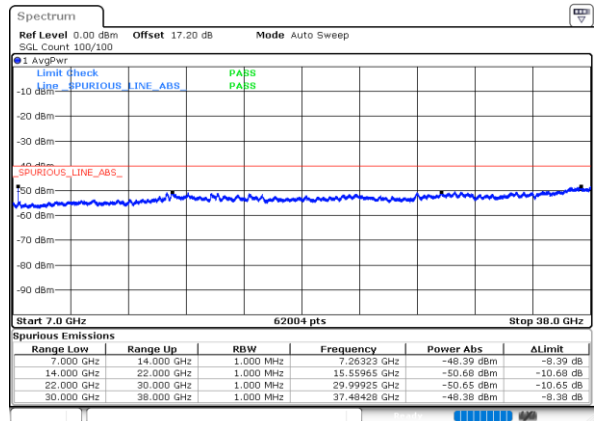


Date: 1.OCT.2022 19:58:44

Middle Channel / 1RB99 and 1RB0

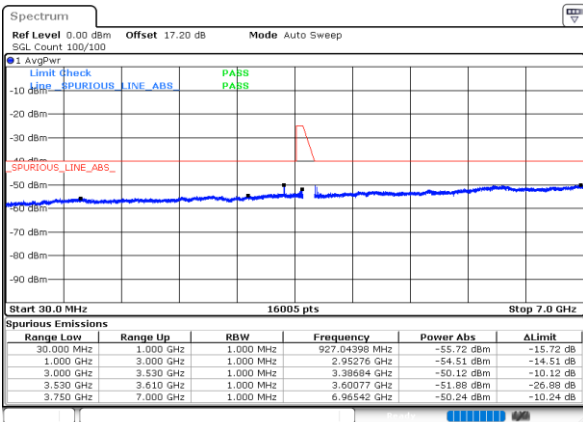


Date: 1.OCT.2022 20:36:27

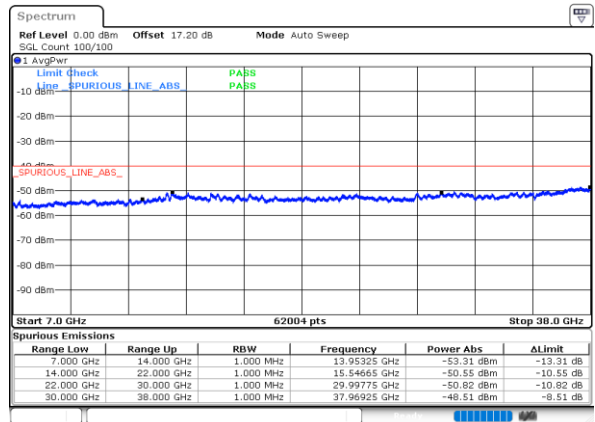


Date: 1.OCT.2022 20:38:05

Highest Channel / 1RB99 and 1RB0



Date: 1.OCT.2022 21:14:27



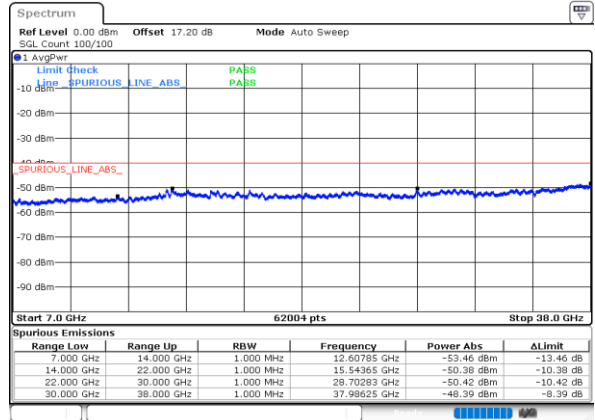
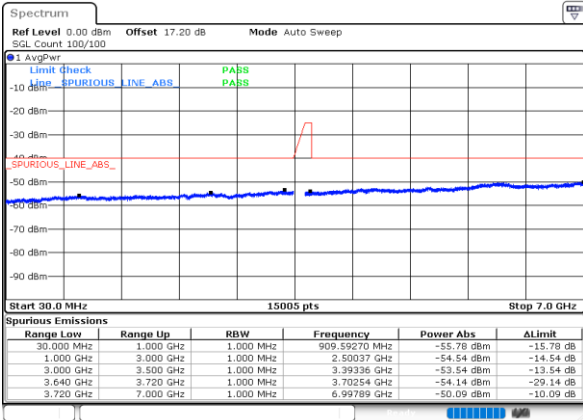
Date: 1.OCT.2022 21:16:07



LTE Band 48C / 20MHz+10MHz

QPSK

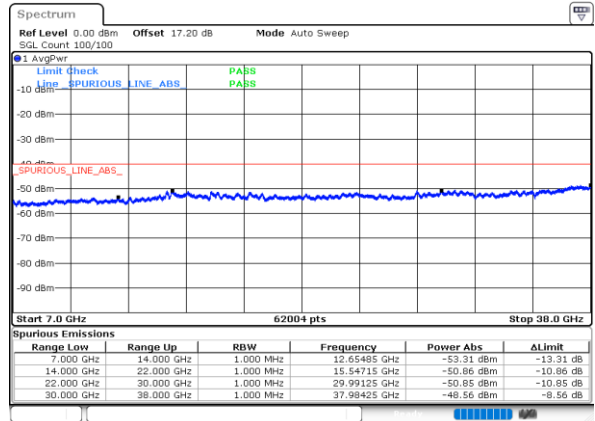
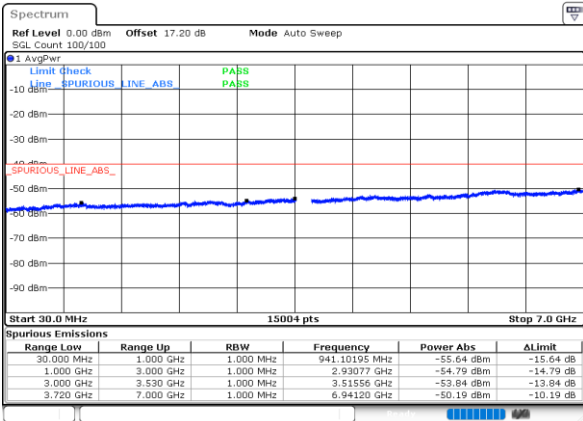
Lowest Channel / 1RB0 and 1RB49



Date: 1.OCT.2022 21:40:09

Date: 1.OCT.2022 21:41:52

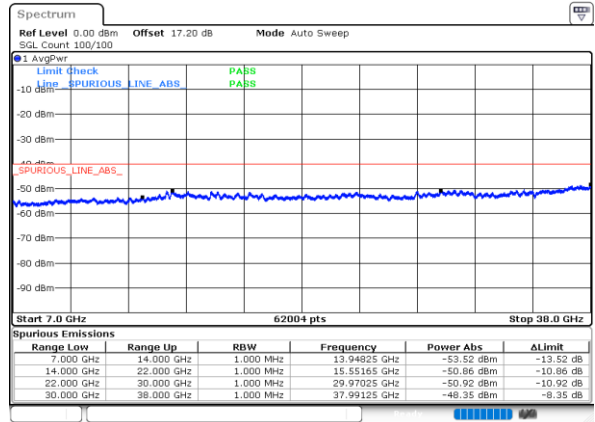
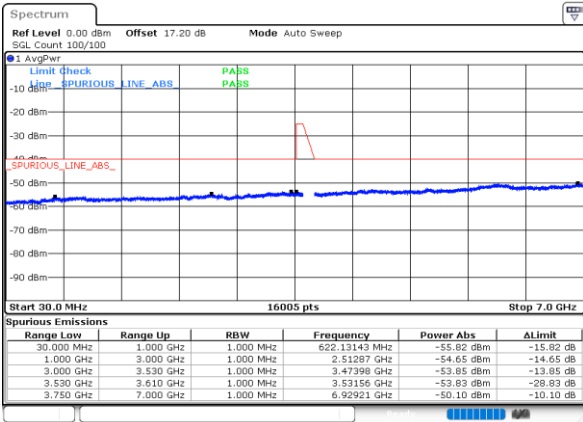
Middle Channel / 1RB0 and 1RB49



Date: 3.OCT.2022 08:53:56

Date: 3.OCT.2022 08:55:36

Highest Channel / 1RB0 and 1RB49



Date: 3.OCT.2022 09:29:40

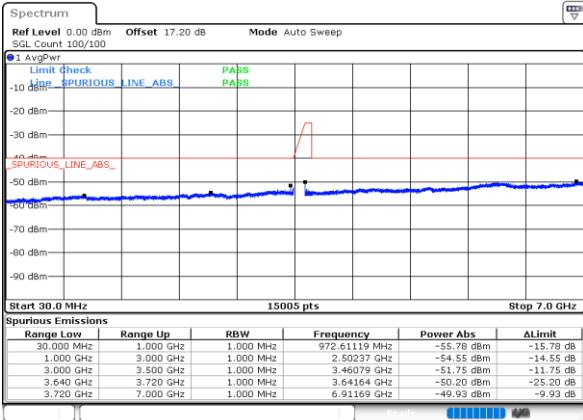
Date: 3.OCT.2022 09:31:20



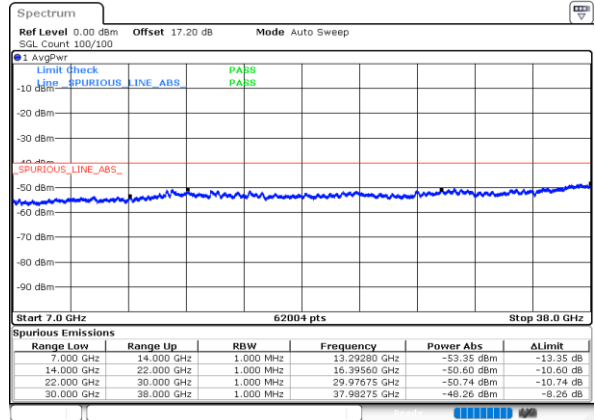
LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

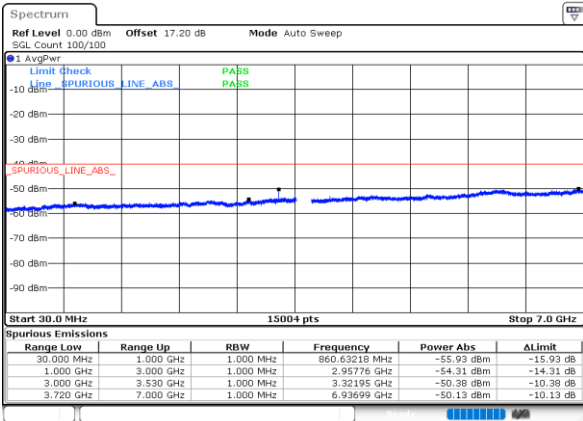


Date: 1.OCT.2022 21:51:58

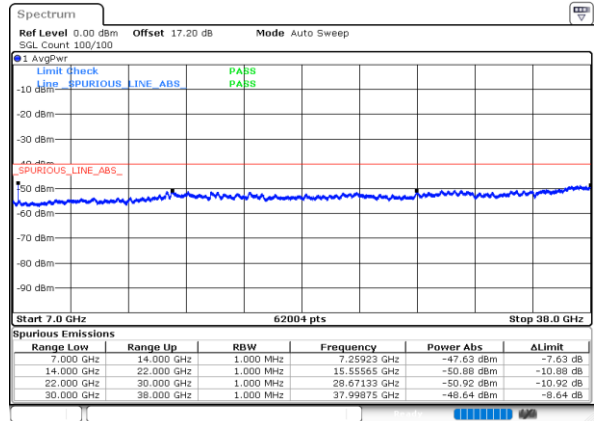


Date: 1.OCT.2022 21:53:38

Middle Channel / 1RB99 and 1RB0

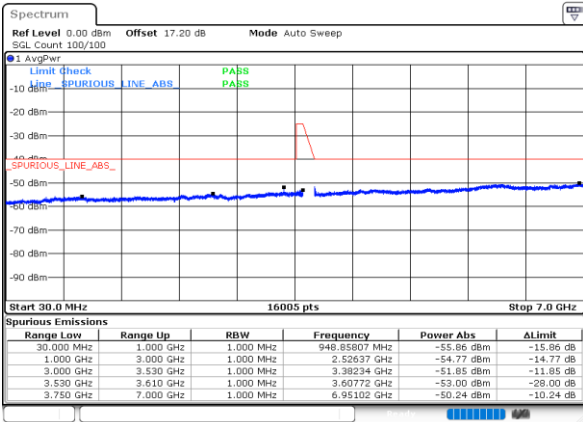


Date: 3.OCT.2022 09:05:48

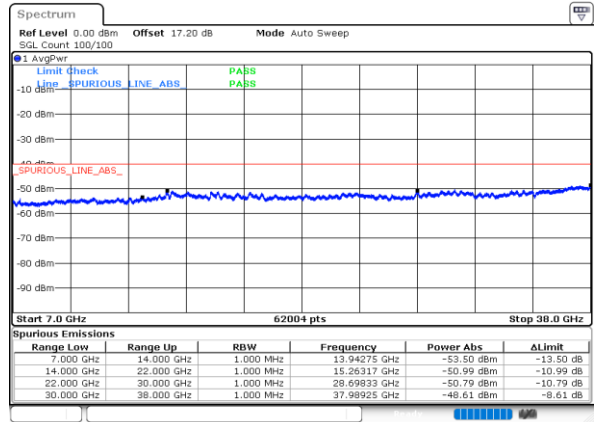


Date: 3.OCT.2022 09:07:28

Highest Channel / 1RB99 and 1RB0



Date: 3.OCT.2022 09:41:28



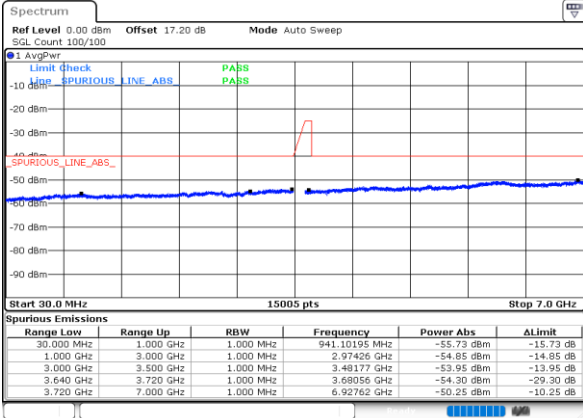
Date: 3.OCT.2022 09:43:05



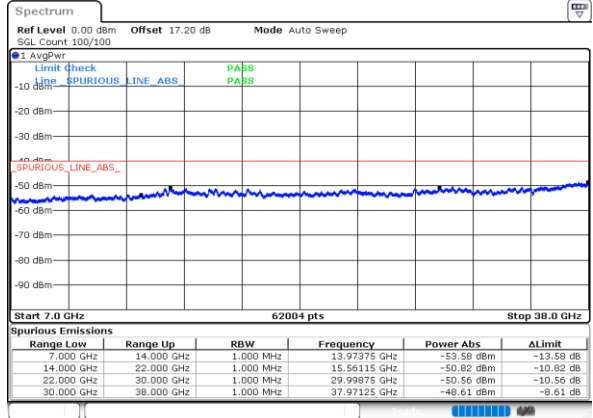
LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB0 and 1RB74

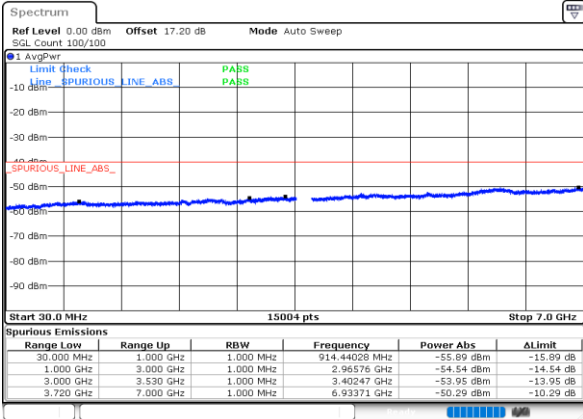


Date: 3.OCT.2022 10:05:04

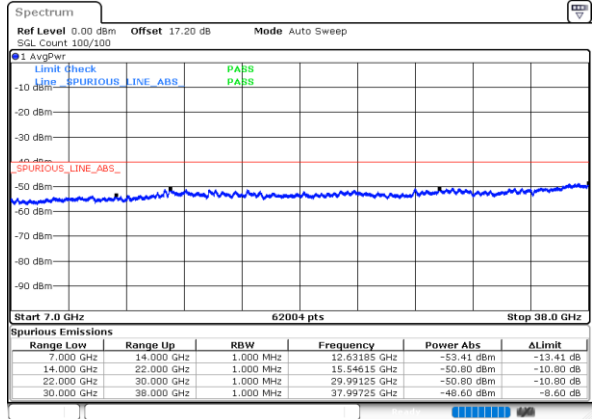


Date: 3.OCT.2022 10:06:45

Middle Channel / 1RB0 and 1RB74

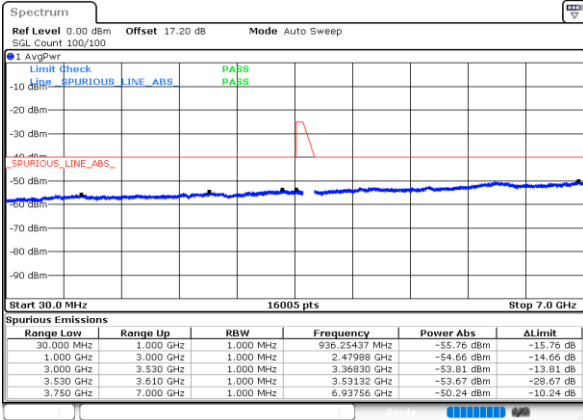


Date: 3.OCT.2022 14:13:45

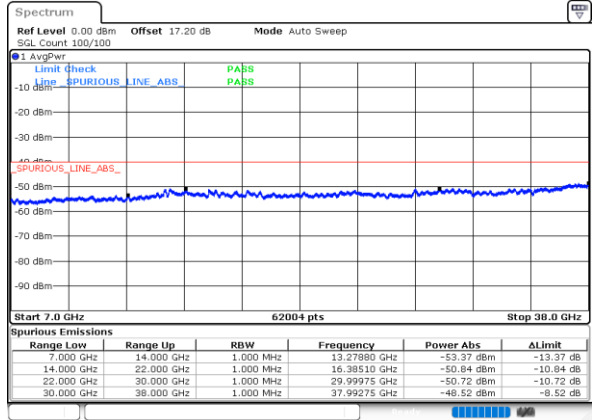


Date: 3.OCT.2022 14:15:21

Highest Channel / 1RB0 and 1RB74



Date: 3.OCT.2022 14:48:39



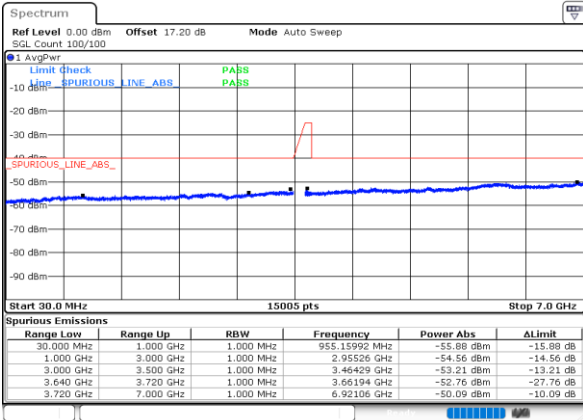
Date: 3.OCT.2022 14:50:16



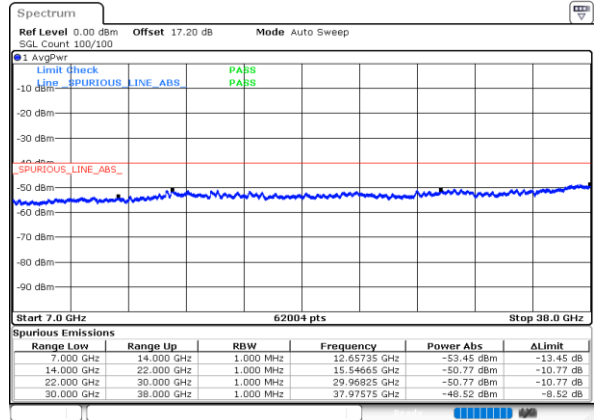
LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

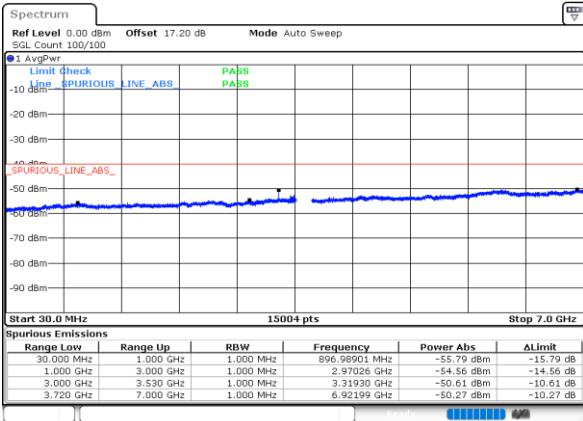


Date: 3.OCT.2022 10:43:17

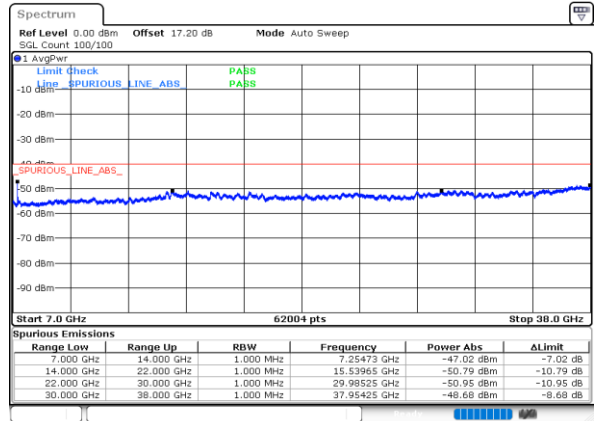


Date: 3.OCT.2022 10:45:17

Middle Channel / 1RB99 and 1RB0

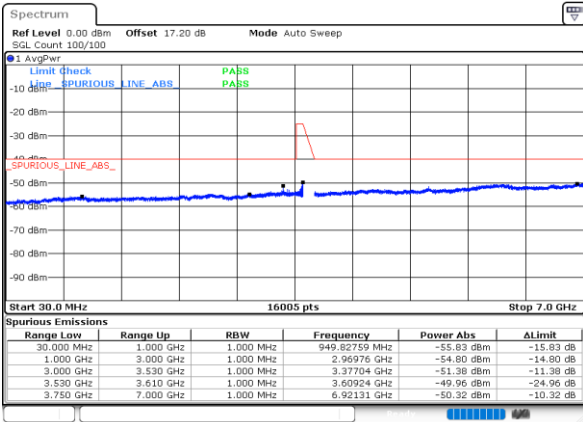


Date: 3.OCT.2022 14:25:19

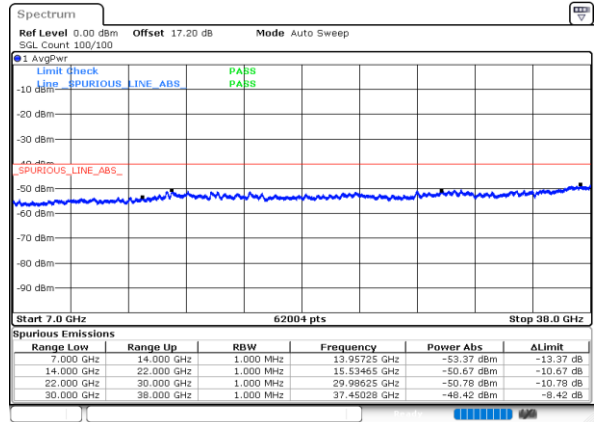


Date: 3.OCT.2022 14:26:55

Highest Channel / 1RB99 and 1RB0



Date: 3.OCT.2022 15:00:09



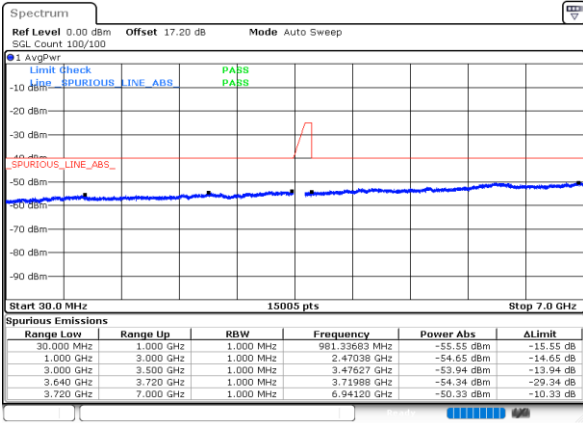
Date: 3.OCT.2022 15:04:25



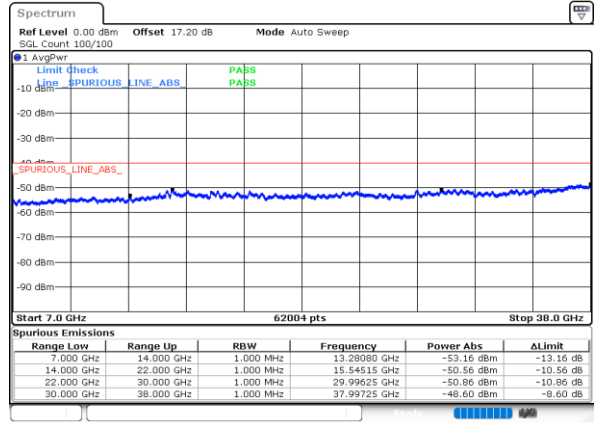
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

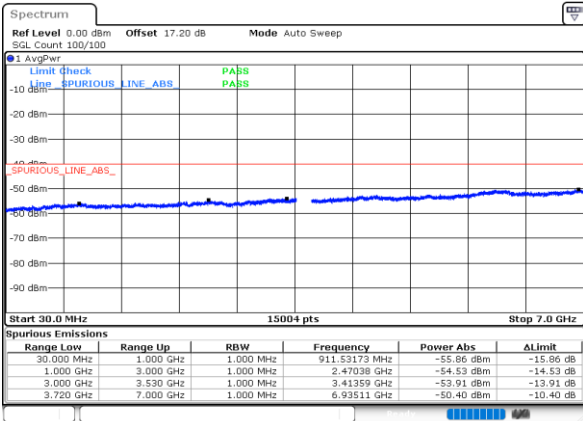


Date: 3.OCT.2022 15:56:45

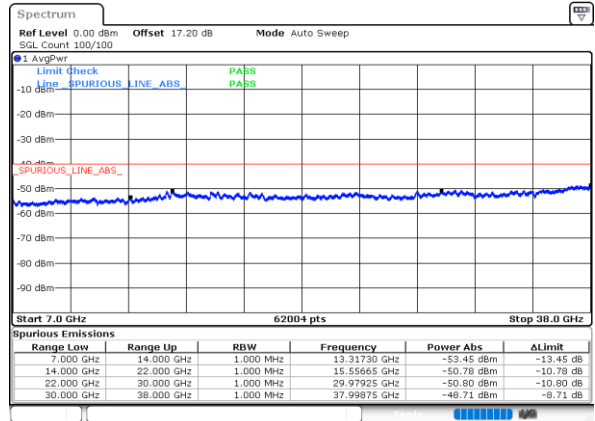


Date: 3.OCT.2022 15:58:16

MiddleChannel / 1RB0 and 1RB99

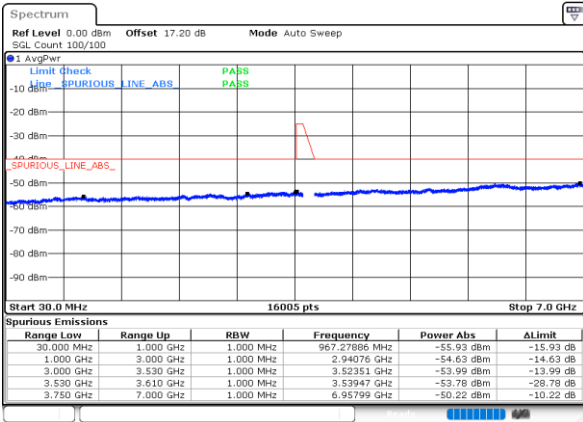


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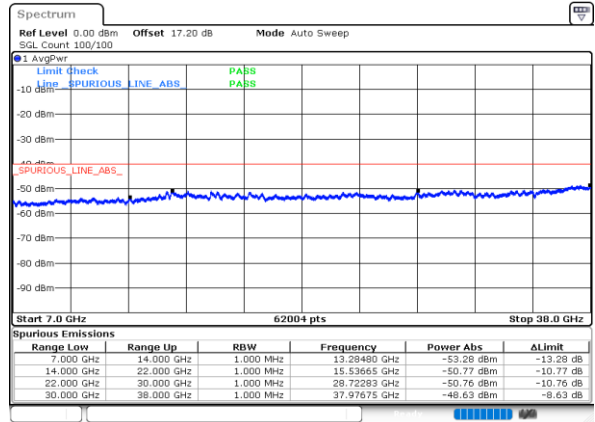


Date: 3.OCT.2022 16:30:28

Highest Channel / 1RB0 and 1RB99



Date: 3.OCT.2022 15:24:46



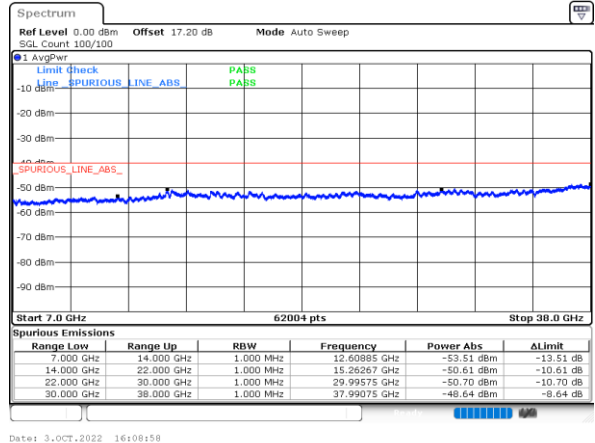
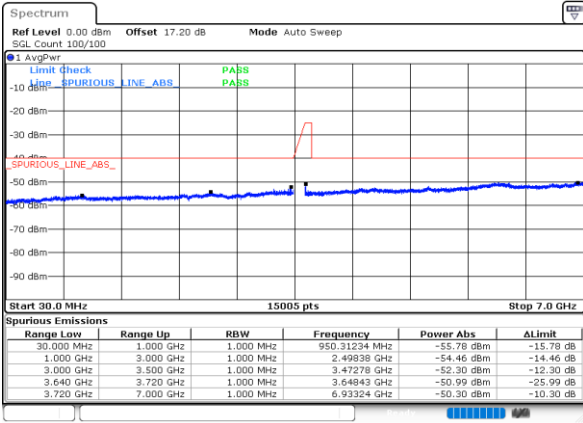
Date: 3.OCT.2022 15:26:18



LTE Band 48C / 20MHz+20MHz

QPSK

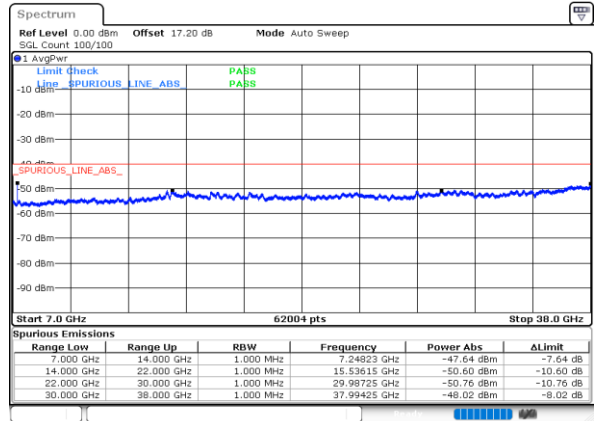
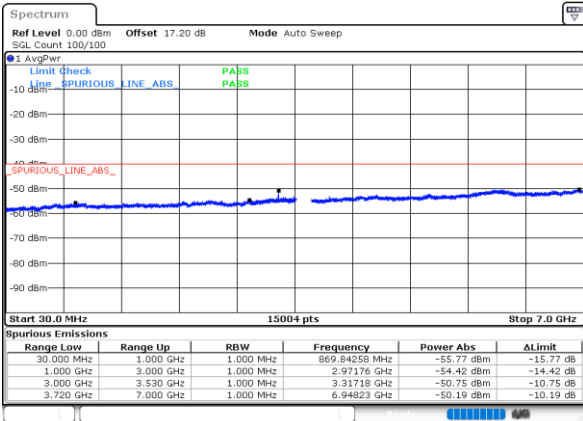
Lowest Channel / 1RB99 and 1RB0



Date: 3.OCT.2022 16:07:27

Date: 3.OCT.2022 16:08:58

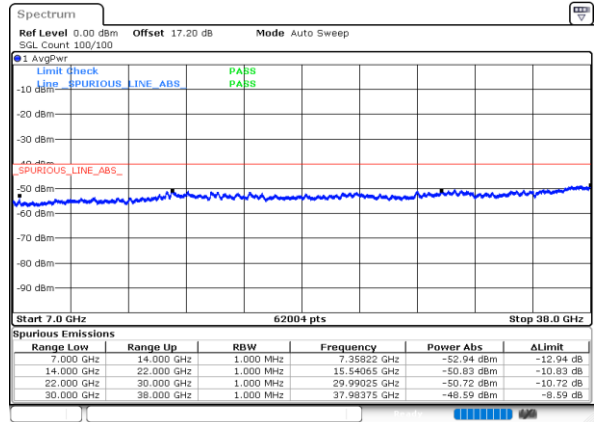
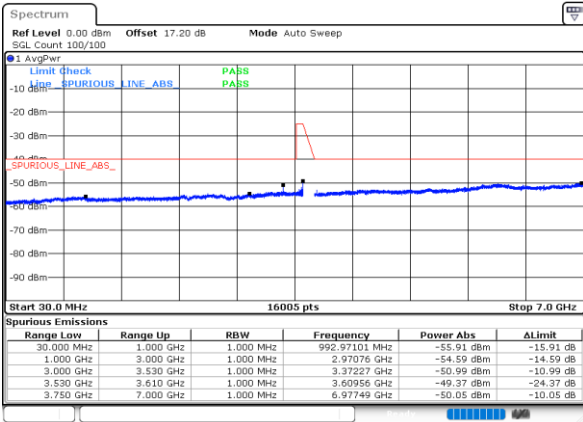
Middle Channel / 1RB99 and 1RB0



Date: 3.OCT.2022 16:39:39

Date: 3.OCT.2022 16:41:11

Highest Channel / 1RB99 and 1RB0



Date: 3.OCT.2022 15:35:24

Date: 3.OCT.2022 15:36:55



Appendix B. Test Results of Radiated Test

<Ant. 11>

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102	-56.91	-40	-16.91	-55.04	-66.62	1.84	11.55	H
	10653	-53.08	-40	-13.08	-55.68	-61.55	2.23	10.71	H
	14204	-49.06	-40	-9.06	-57.79	-58.69	2.65	12.28	H
	21306	-62.85	-40	-22.85	-77.21	-77.70	3.32	18.17	H
	24857	-58.27	-40	-18.27	-76.55	-73.04	3.71	18.49	H
	28411	-55.59	-40	-15.59	-76.1	-71.06	3.99	19.45	H
									H
	7102	-56.42	-40	-16.42	-54.79	-66.13	1.84	11.55	V
	10653	-53.85	-40	-13.85	-56.04	-62.32	2.23	10.71	V
	14204	-48.82	-40	-8.82	-57.42	-58.45	2.65	12.28	V
	21306	-62.58	-40	-22.58	-76.64	-77.43	3.32	18.17	V
	24857	-56.99	-40	-16.99	-74.95	-71.76	3.71	18.49	V
	28411	-56.45	-40	-16.45	-76.55	-71.92	3.99	19.45	V
									V



Middle	7232	-56.94	-40	-16.94	-55.41	-66.40	1.86	11.32	H
	10848	-52.37	-40	-12.37	-55.36	-60.75	2.22	10.59	H
	14464	-48.67	-40	-8.67	-57.64	-58.17	2.62	12.12	H
	18080	-60.44	-40	-20.44	-71.92	-74.81	3.23	17.60	H
	21696	-60.88	-40	-20.88	-76.04	-76.05	3.42	18.60	H
	25312	-58.58	-40	-18.58	-76.9	-73.58	3.77	18.77	H
									H
	7232	-56.57	-40	-16.57	-55.39	-66.03	1.86	11.32	V
	10848	-52.66	-40	-12.66	-55.42	-61.04	2.22	10.59	V
	14464	-48.52	-40	-8.52	-57.93	-58.02	2.62	12.12	V
	18080	-61.04	-40	-21.04	-72.22	-75.41	3.23	17.60	V
	21696	-60.98	-40	-20.98	-75.8	-76.15	3.42	18.60	V
	25312	-58.74	-40	-18.74	-76.77	-73.74	3.77	18.77	V
									V
Highest	7362	-55.10	-40	-15.10	-53.89	-64.56	1.92	11.38	H
	11043	-52.41	-40	-12.41	-55.83	-60.74	2.22	10.55	H
	14724	-48.52	-40	-8.52	-57.6	-58.52	2.59	12.59	H
	18405	-61.88	-40	-21.88	-73.67	-76.24	3.24	17.60	H
	22086	-61.09	-40	-21.09	-76.66	-76.46	3.52	18.88	H
	25767	-58.56	-40	-18.56	-77.22	-73.73	3.88	19.05	H
									H
	7362	-55.01	-40	-15.01	-53.95	-64.47	1.92	11.38	V
	11043	-51.88	-40	-11.88	-55.23	-60.21	2.22	10.55	V
	14724	-47.91	-40	-7.91	-57.95	-57.91	2.59	12.59	V
	18405	-62.49	-40	-22.49	-74.05	-76.85	3.24	17.60	V
	22086	-60.03	-40	-20.03	-75.21	-75.40	3.52	18.88	V
	25767	-59.07	-40	-19.07	-77.44	-74.24	3.88	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)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7140	-57.14	-40	-17.14	-55.37	-66.75	1.84	11.45	H
	10705	-53.42	-40	-13.42	-56.13	-61.87	2.23	10.68	H
	14279	-48.65	-40	-8.65	-57.46	-58.24	2.64	12.23	H
	21418	-61.53	-40	-21.53	-76.24	-76.48	3.35	18.30	H
	24981	-58.20	-40	-18.20	-76.48	-72.91	3.70	18.41	H
	28556	-55.08	-40	-15.08	-76.2	-70.48	3.99	19.39	H
									H
	7140	-57.03	-40	-17.03	-55.56	-66.64	1.84	11.45	V
	10705	-54.01	-40	-14.01	-56.36	-62.46	2.23	10.68	V
	14279	-48.98	-40	-8.98	-57.82	-58.57	2.64	12.23	V
	21418	-61.95	-40	-21.95	-76.35	-76.90	3.35	18.30	V
	24981	-59.11	-40	-19.11	-77.07	-73.82	3.70	18.41	V
	28556	-55.55	-40	-15.55	-76.26	-70.95	3.99	19.39	V
									V
Middle	7250	-57.39	-40	-17.39	-55.91	-66.85	1.87	11.33	H
	10870	-52.35	-40	-12.35	-55.38	-60.71	2.21	10.58	H
	14498	-48.91	-40	-8.91	-57.92	-58.39	2.62	12.10	H
	18122	-61.07	-40	-21.07	-72.59	-75.44	3.23	17.60	H
	21751	-58.42	-40	-18.42	-73.63	-73.63	3.44	18.65	H
	25370	-58.93	-40	-18.93	-77.26	-73.99	3.79	18.84	H
									H
	7250	-57.09	-40	-17.09	-55.93	-66.55	1.87	11.33	V
	10870	-52.75	-40	-12.75	-55.56	-61.11	2.21	10.58	V
	14498	-48.62	-40	-8.62	-58.14	-58.10	2.62	12.10	V
	18122	-61.15	-40	-21.15	-72.38	-75.52	3.23	17.60	V
	21751	-62.33	-40	-22.33	-77.2	-77.54	3.44	18.65	V
	25370	-59.25	-40	-19.25	-77.3	-74.31	3.79	18.84	V
									V



Highest	7360	-56.06	-40	-16.06	-54.84	-65.52	1.92	11.38	H
	11040	-52.93	-40	-12.93	-56.33	-61.26	2.22	10.55	H
	14718	-49.07	-40	-9.07	-58.16	-59.06	2.59	12.58	H
	18399	-62.19	-40	-22.19	-73.98	-76.55	3.24	17.60	H
	22073	-57.70	-40	-17.70	-73.25	-73.07	3.51	18.89	H
	25758	-58.79	-40	-18.79	-77.43	-73.96	3.88	19.05	H
									H
	7360	-55.52	-40	-15.52	-54.45	-64.98	1.92	11.38	V
	11040	-52.76	-40	-12.76	-56.09	-61.09	2.22	10.55	V
	14718	-48.01	-40	-8.01	-58.03	-58.00	2.59	12.58	V
	18399	-62.69	-40	-22.69	-74.24	-77.05	3.24	17.60	V
	22073	-61.05	-40	-21.05	-76.22	-76.42	3.51	18.89	V
	25758	-59.23	-40	-19.23	-77.58	-74.40	3.88	19.05	V
									V

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