

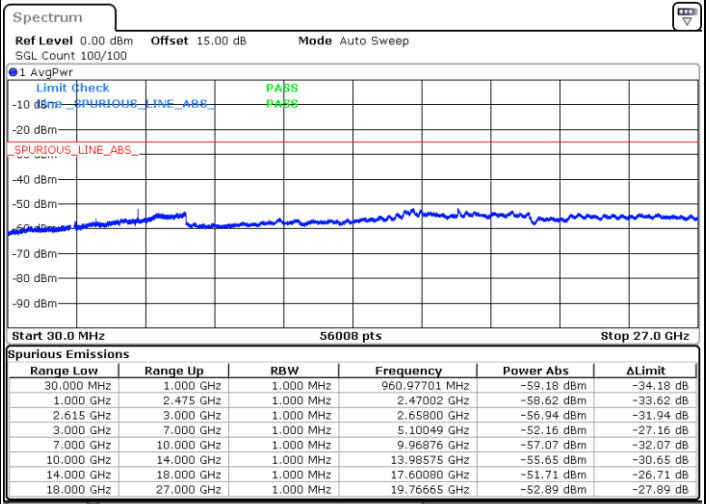
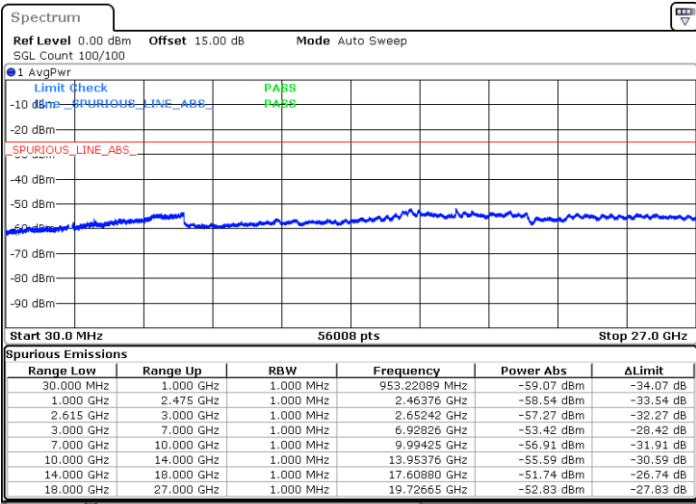


LTE Band 7C / 20MHz+20MHz

16QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0

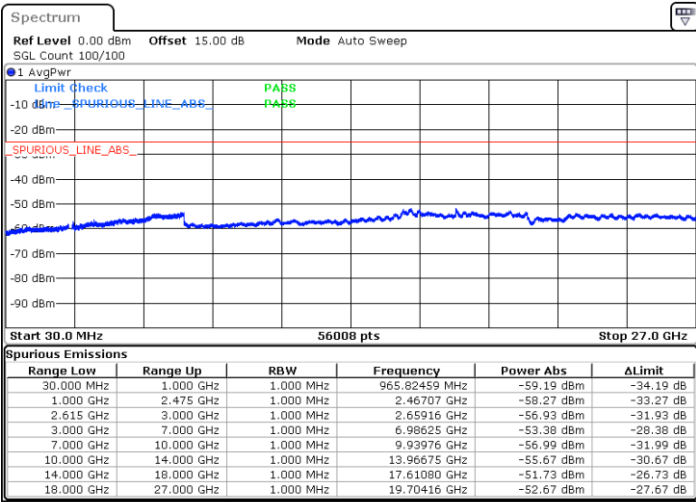


Date: 14.DEC.2022 15:46:29

Date: 14.DEC.2022 15:42:25

Highest Channel / FullIRB

N/A



Date: 14.DEC.2022 15:50:34

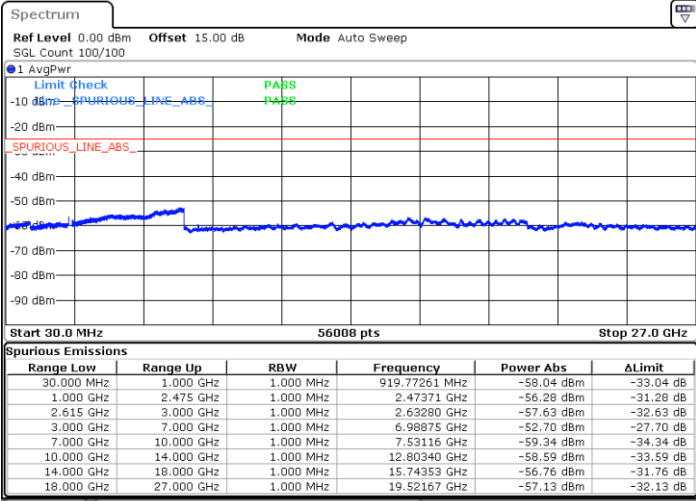


LTE Band 7C / 10MHz+20MHz

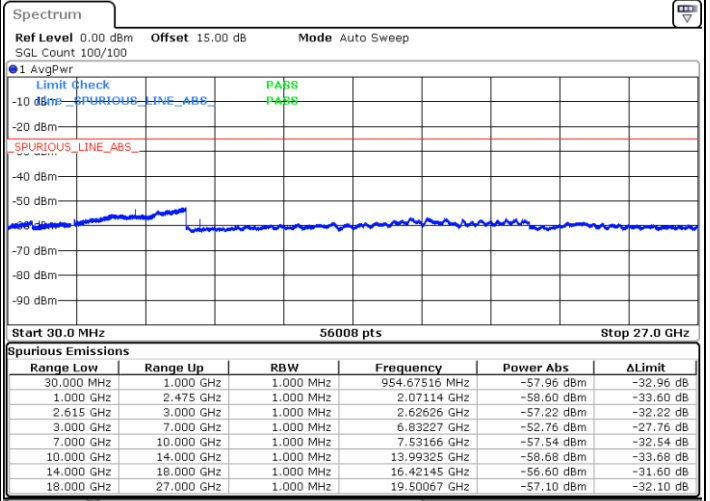
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



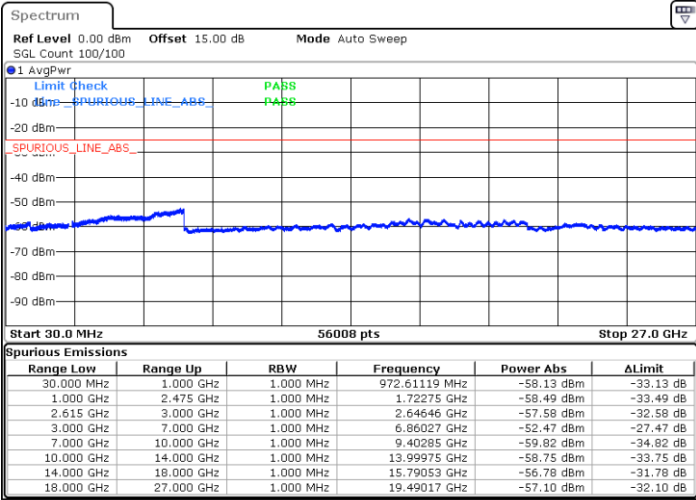
Date: 15.DEC.2022 00:00:34



Date: 14.DEC.2022 23:53:42

Lowest Channel / FullIRB

N/A



Date: 15.DEC.2022 00:01:56

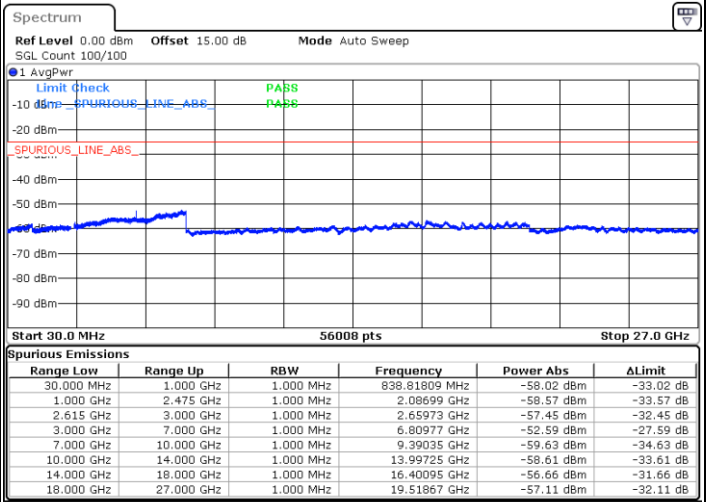
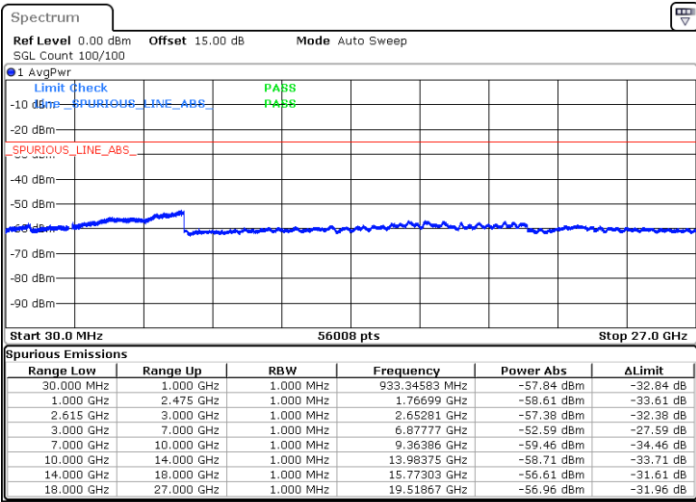


LTE Band 7C / 10MHz+20MHz

64QAM

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0

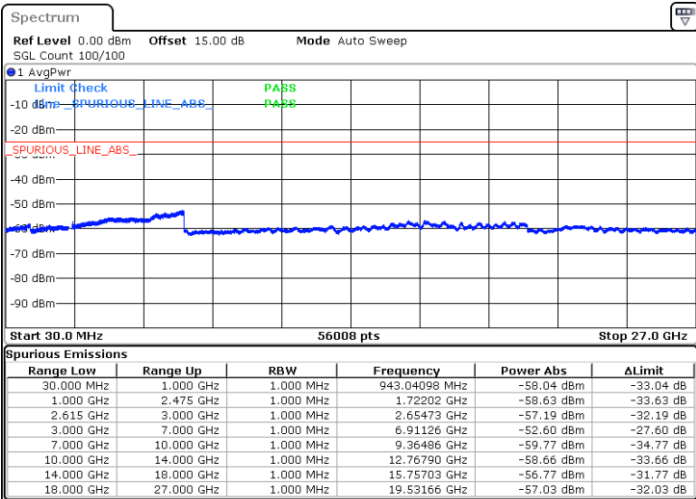


Date: 15.DEC.2022 00:13:27

Date: 15.DEC.2022 00:20:19

Middle Channel / FullIRB

N/A



Date: 15.DEC.2022 00:12:04

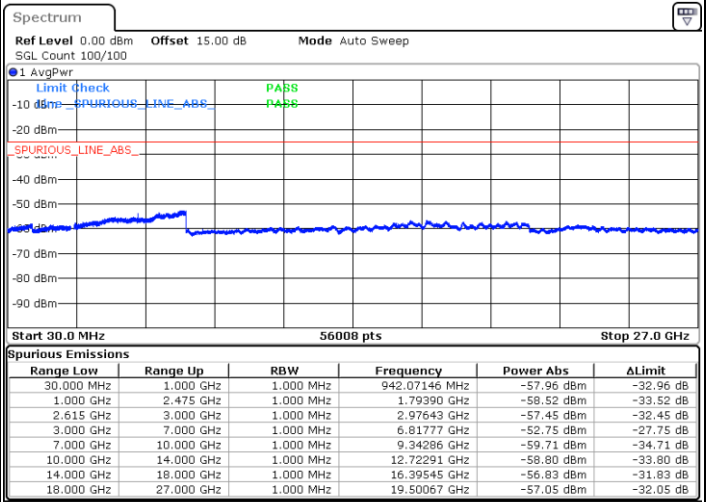
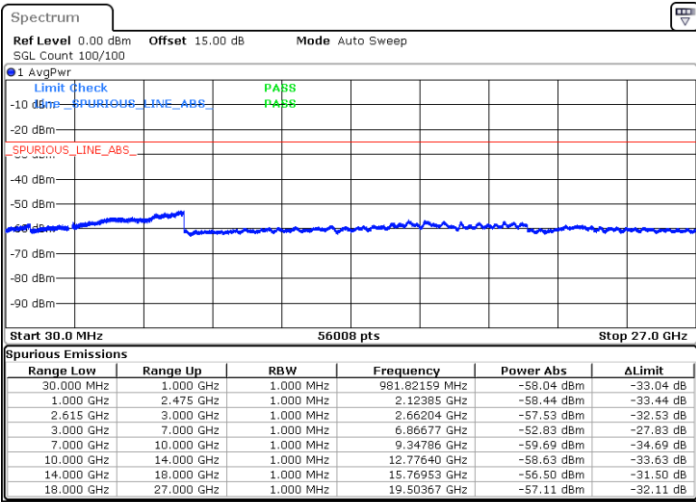


LTE Band 7C / 10MHz+20MHz

64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0

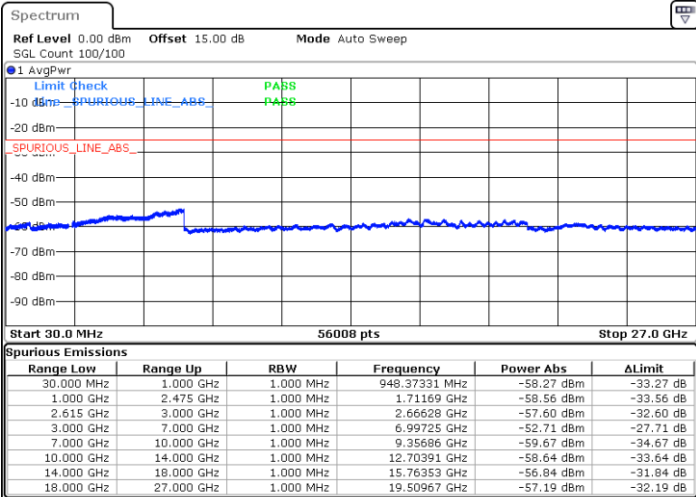


Date: 15.DEC.2022 00:39:20

Date: 15.DEC.2022 00:37:58

Highest Channel / FullIRB

N/A



Date: 15.DEC.2022 00:46:12

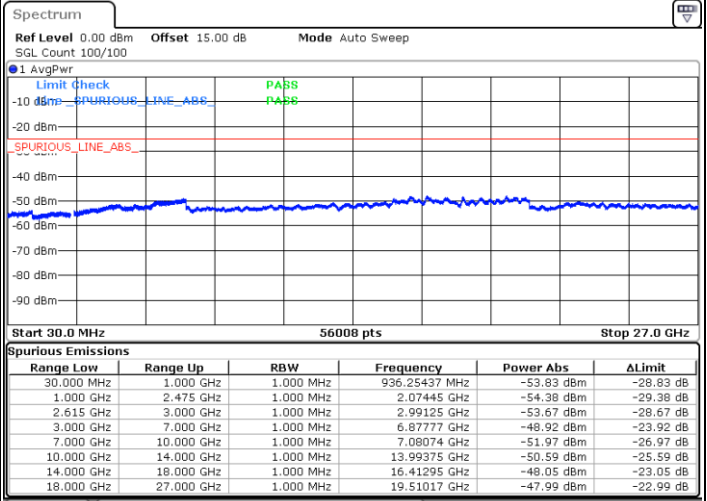
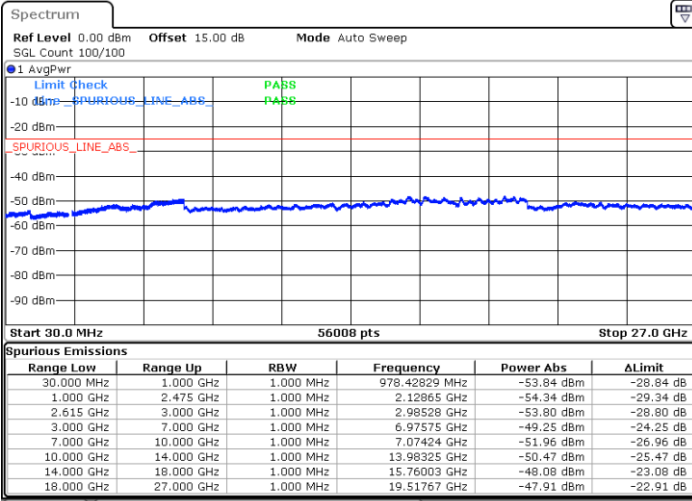


LTE Band 7C / 15MHz+10MHz

64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0

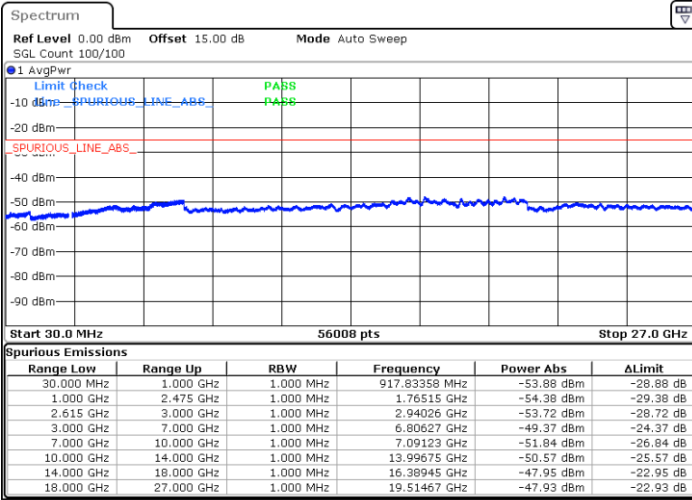


Date: 14.DEC.2022 22:43:57

Date: 14.DEC.2022 22:37:06

Lowest Channel / FullIRB

N/A



Date: 14.DEC.2022 22:45:20

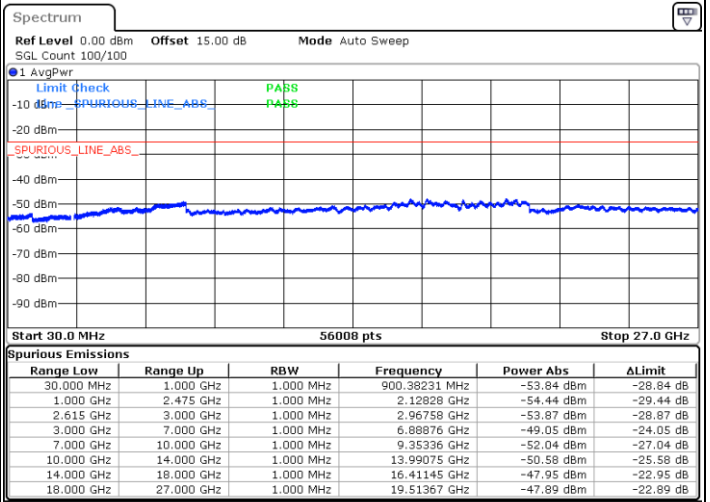
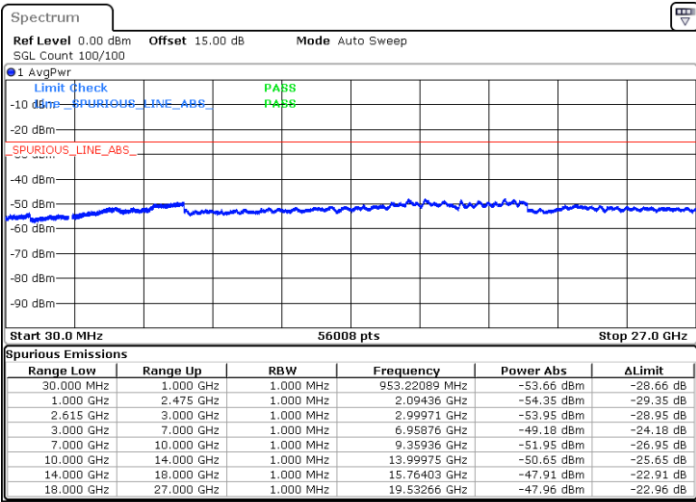


LTE Band 7C / 15MHz+10MHz

64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0

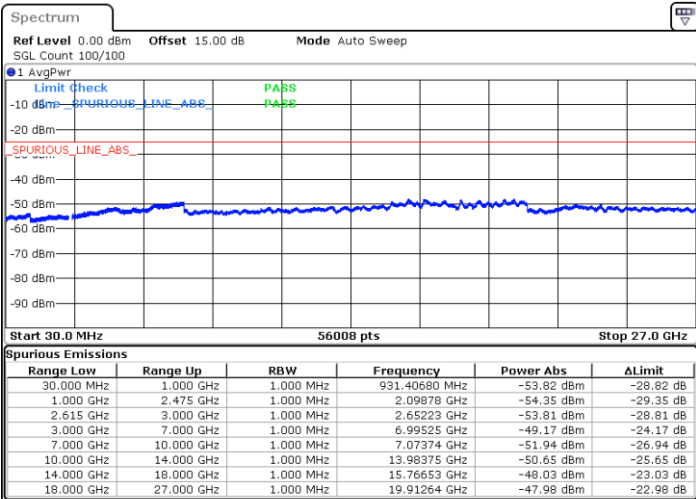


Date: 14.DEC.2022 22:56:51

Date: 14.DEC.2022 23:03:43

Middle Channel / FullIRB

N/A



Date: 14.DEC.2022 22:55:29

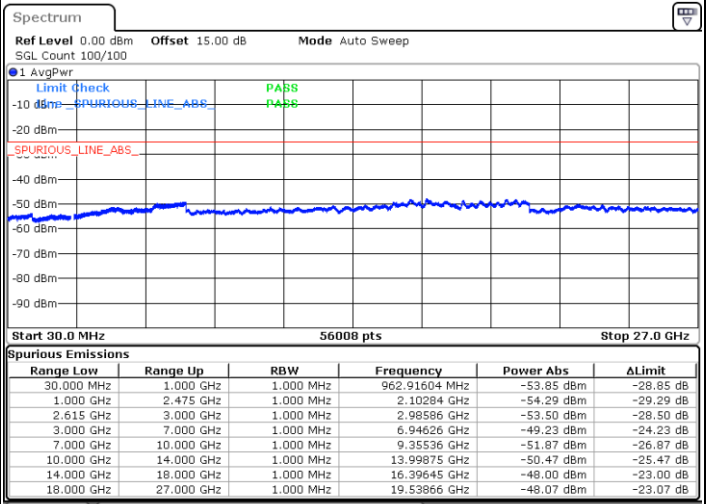
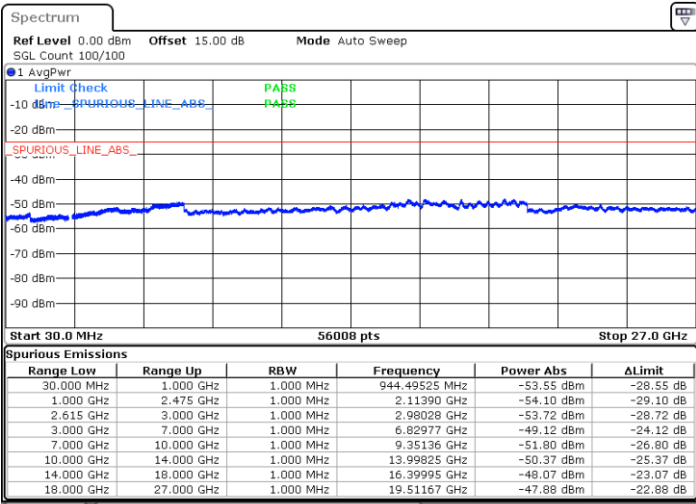


LTE Band 7C / 15MHz+10MHz

64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0

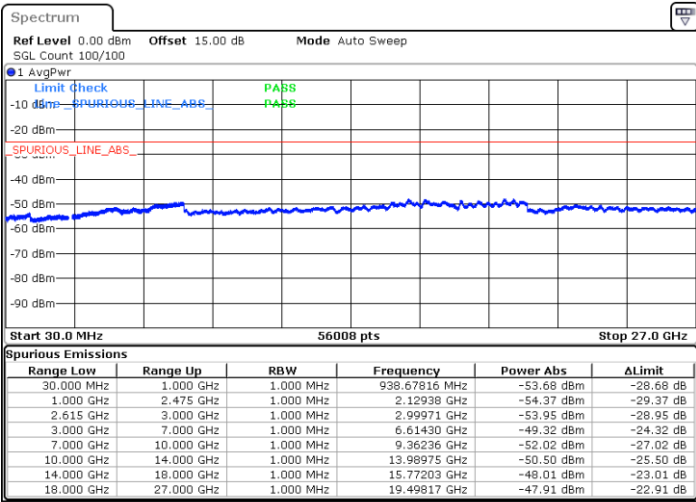


Date: 14.DEC.2022 23:22:43

Date: 14.DEC.2022 23:21:20

Highest Channel / FullIRB

N/A



Date: 14.DEC.2022 23:29:35

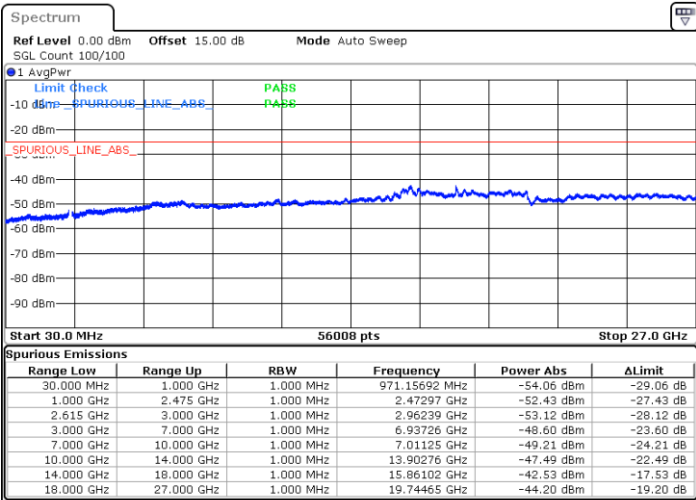


LTE Band 7C / 15MHz+15MHz

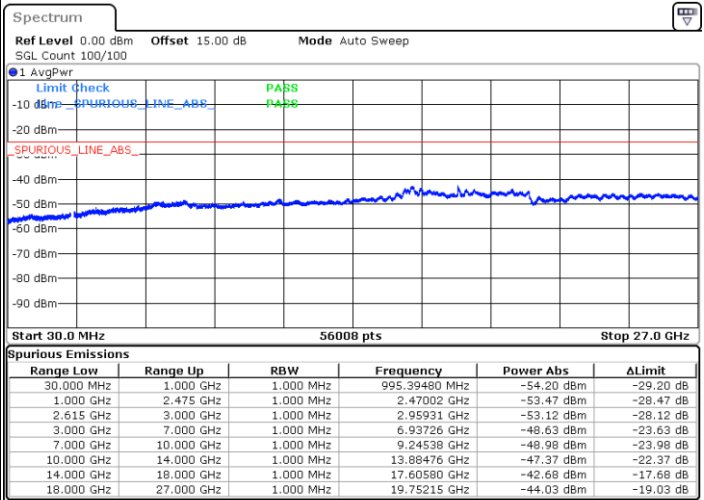
64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



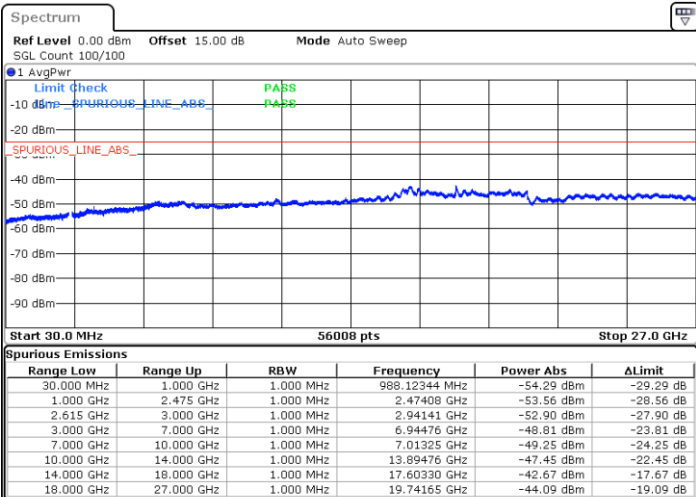
Date: 14.DEC.2022 16:33:35



Date: 14.DEC.2022 16:27:12

Lowest Channel / FullRB

N/A



Date: 14.DEC.2022 16:34:52

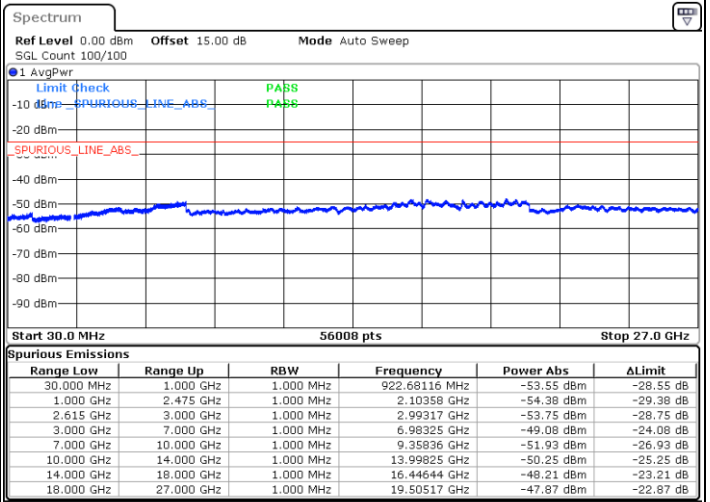
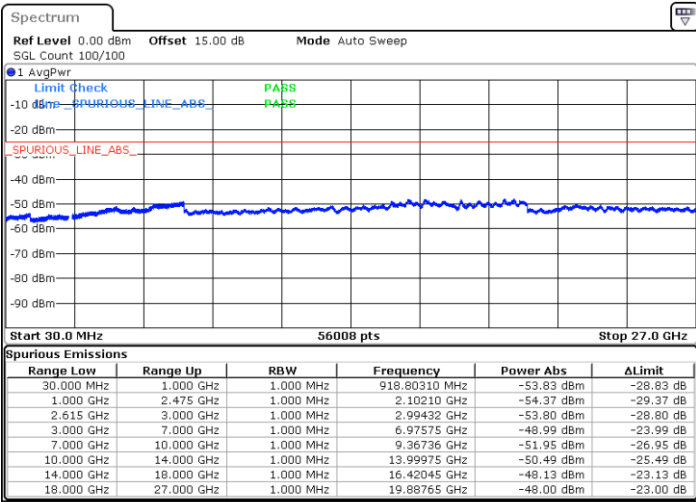


LTE Band 7C / 15MHz+15MHz

64QAM

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0

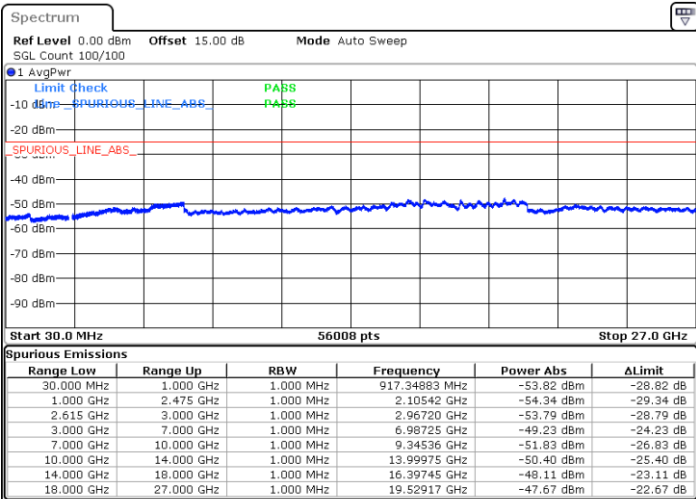


Date: 14.DEC.2022 18:12:56

Date: 14.DEC.2022 18:19:43

Middle Channel / FullIRB

N/A



Date: 14.DEC.2022 18:11:34

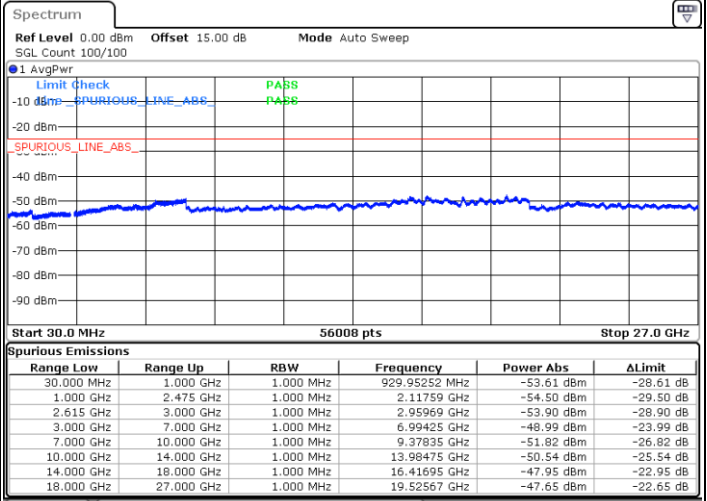
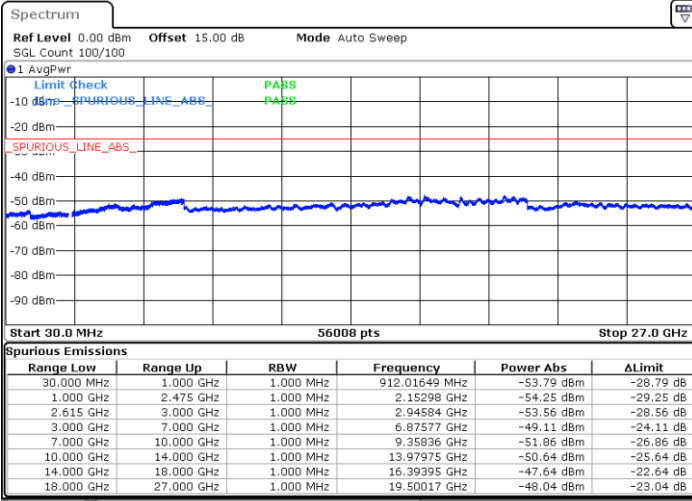


LTE Band 7C / 15MHz+15MHz

64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0

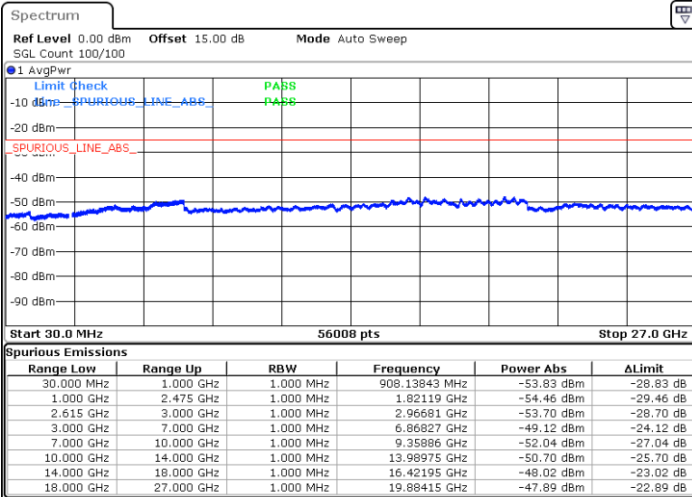


Date: 14.DEC.2022 18:38:25

Date: 14.DEC.2022 18:37:03

Highest Channel / FullIRB

N/A



Date: 14.DEC.2022 18:45:12

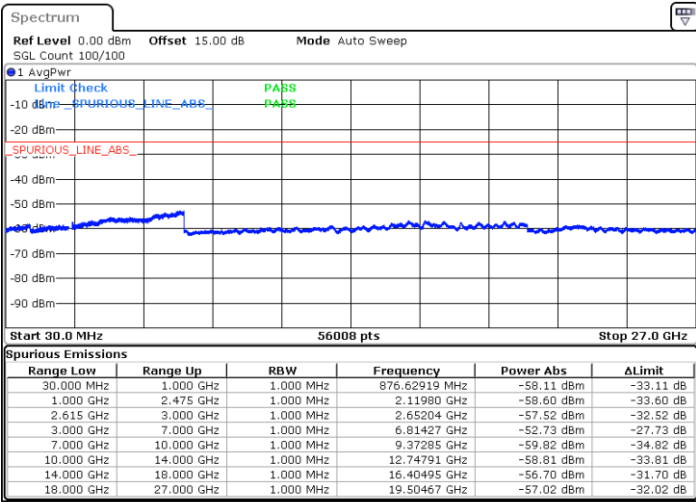


LTE Band 7C / 15MHz+20MHz

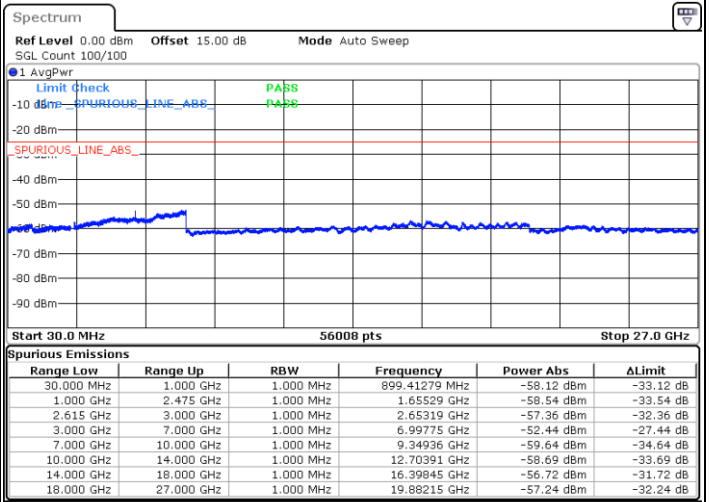
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



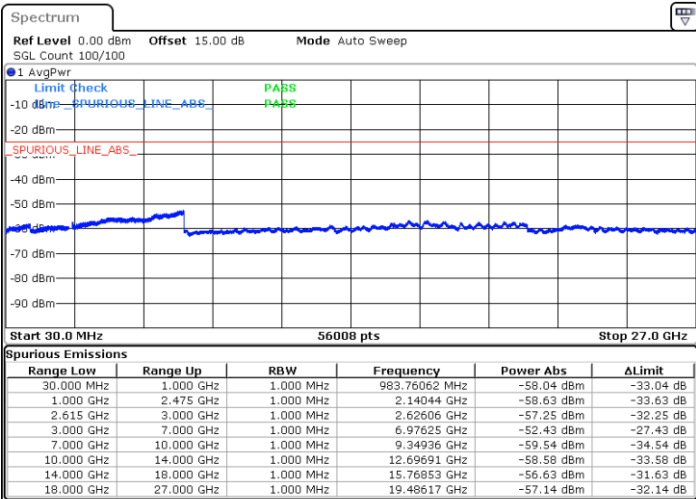
Date: 14.DEC.2022 21:34:14



Date: 14.DEC.2022 21:27:22

Lowest Channel / FullIRB

N/A



Date: 14.DEC.2022 21:35:36

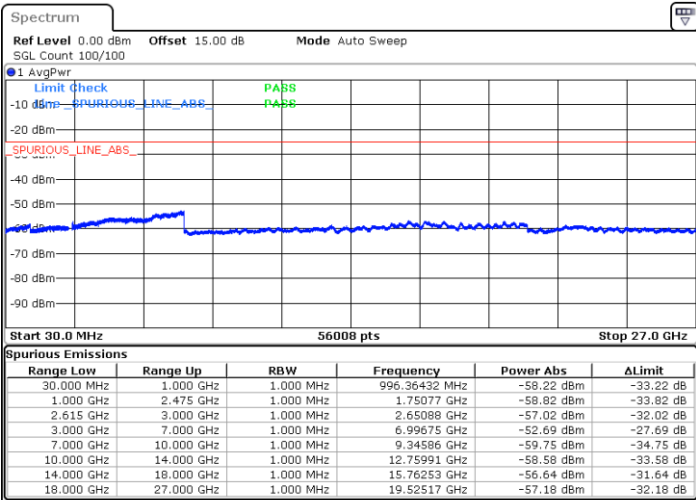


LTE Band 7C / 15MHz+20MHz

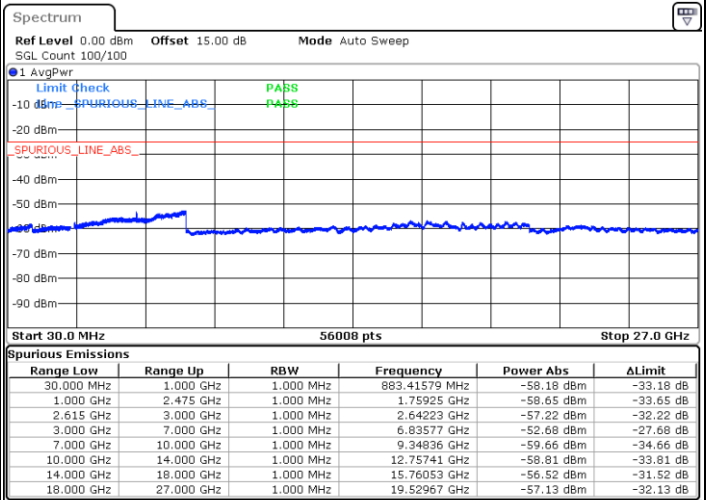
64QAM

Middle Channel / 1RB0 and 1RB9

Middle Channel / 1RB74 and 1RB0



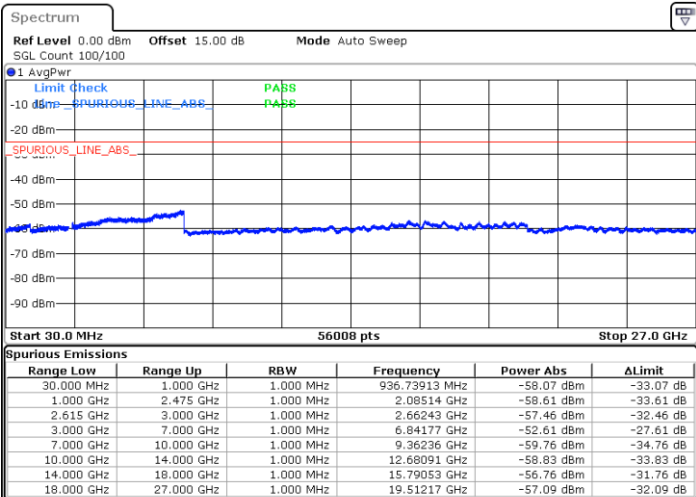
Date: 14.DEC.2022 21:47:07



Date: 14.DEC.2022 21:53:58

Middle Channel / FullIRB

N/A



Date: 14.DEC.2022 21:45:44

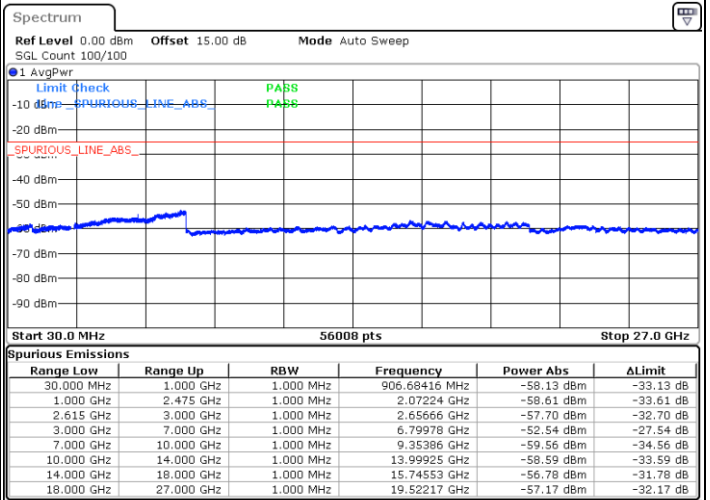
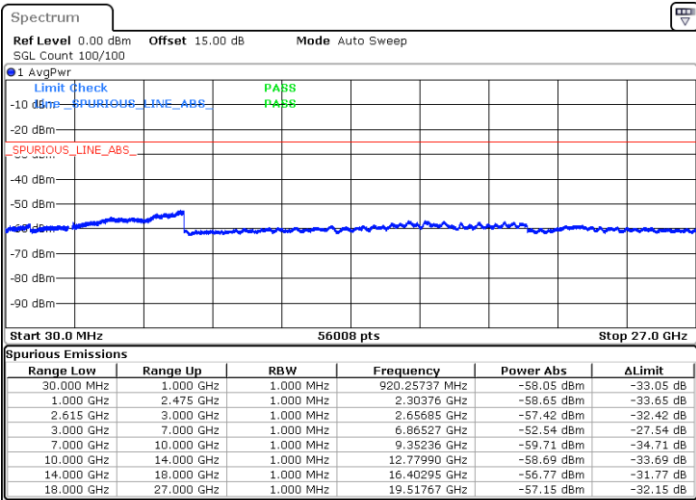


LTE Band 7C / 15MHz+20MHz

64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0

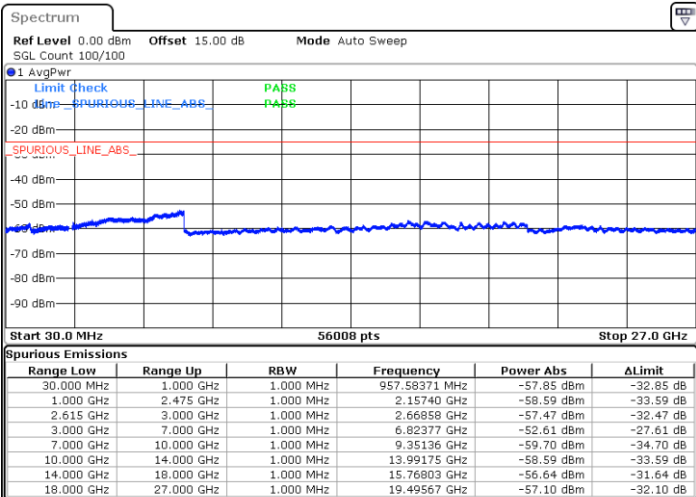


Date: 14.DEC.2022 22:12:58

Date: 14.DEC.2022 22:11:35

Highest Channel / FullIRB

N/A



Date: 14.DEC.2022 22:19:50

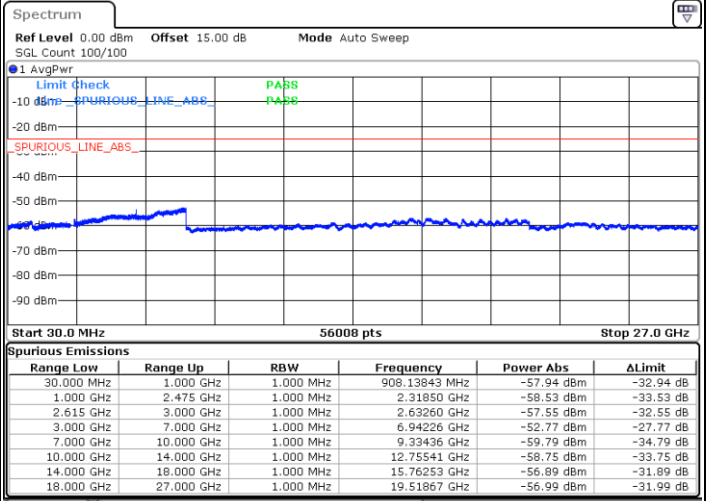
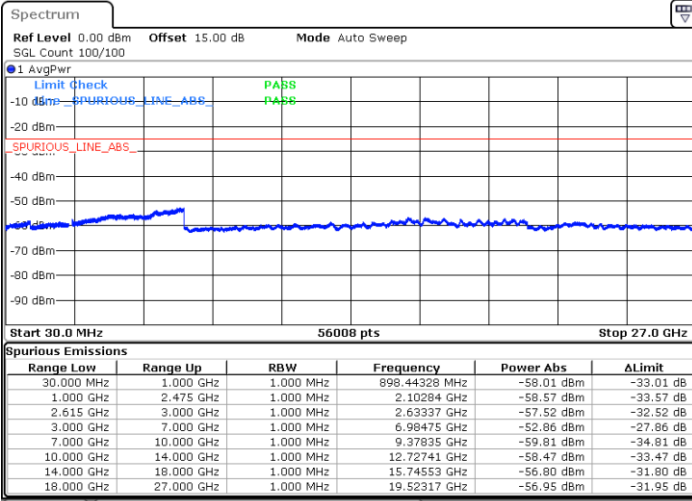


LTE Band 7C / 20MHz+10MHz

64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0

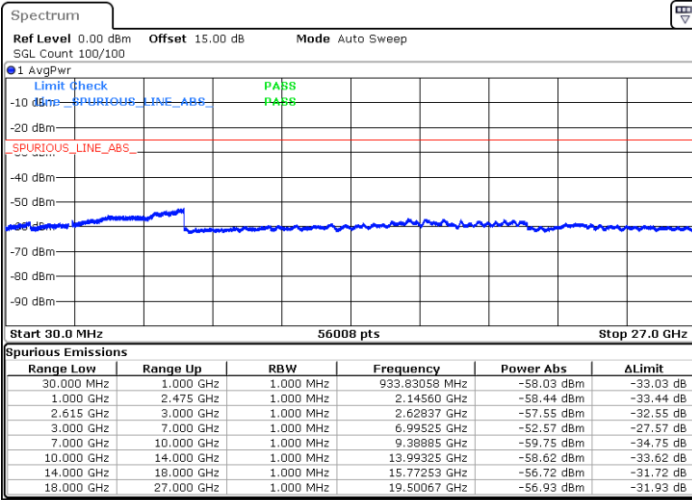


Date: 14.DEC.2022 20:20:55

Date: 14.DEC.2022 20:14:08

Lowest Channel / FullRB

N/A



Date: 14.DEC.2022 20:22:16

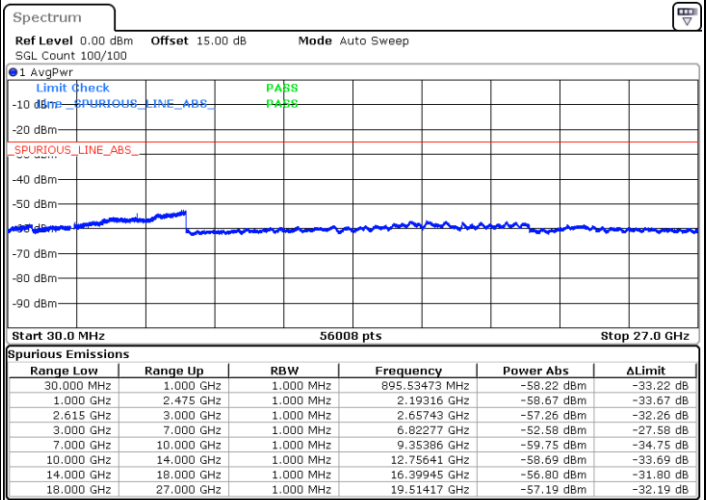
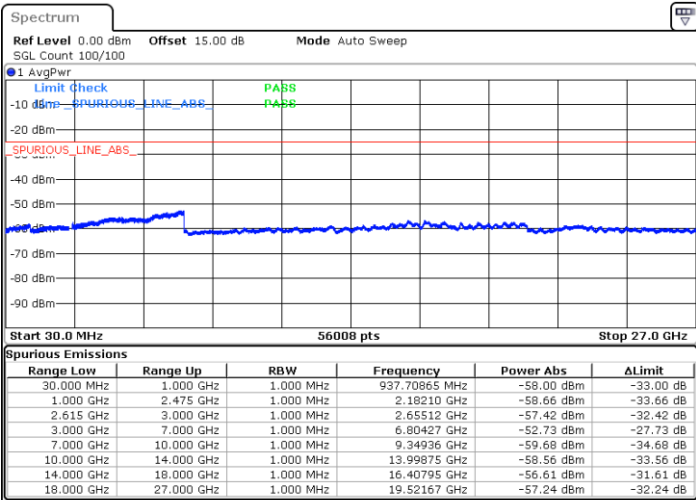


LTE Band 7C / 20MHz+10MHz

64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0

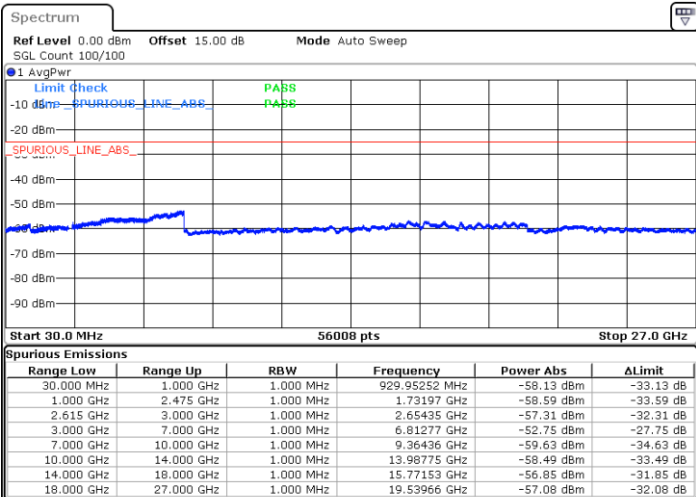


Date: 14.DEC.2022 20:33:35

Date: 14.DEC.2022 20:40:21

Middle Channel / FullIRB

N/A



Date: 14.DEC.2022 20:32:13

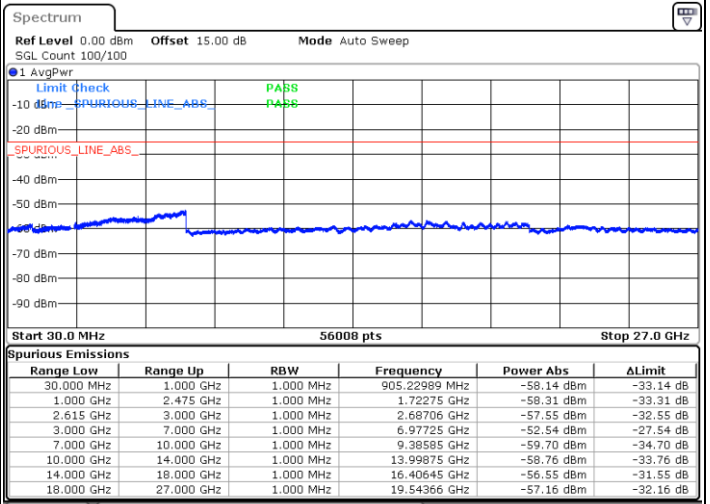
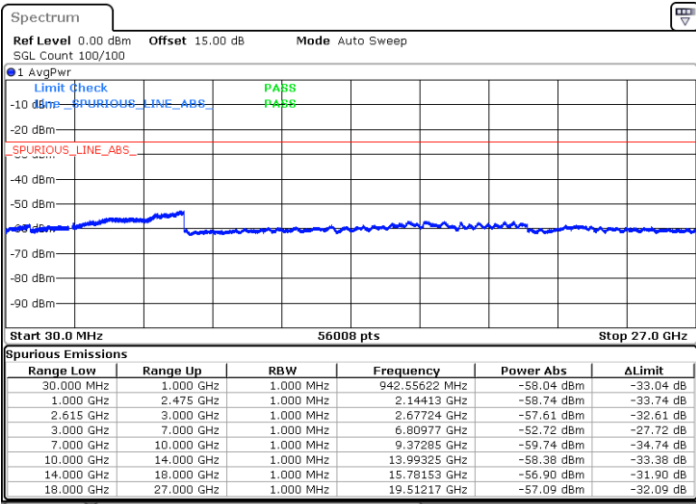


LTE Band 7C / 20MHz+10MHz

64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0

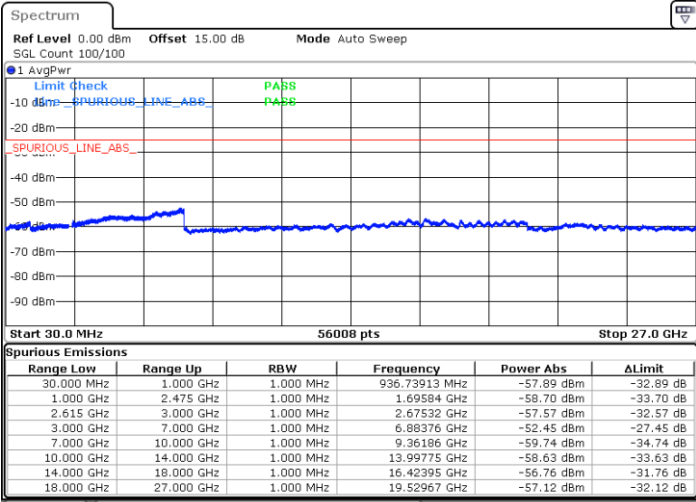


Date: 14.DEC.2022 20:59:02

Date: 14.DEC.2022 20:57:40

Highest Channel / FullIRB

N/A



Date: 14.DEC.2022 21:05:48

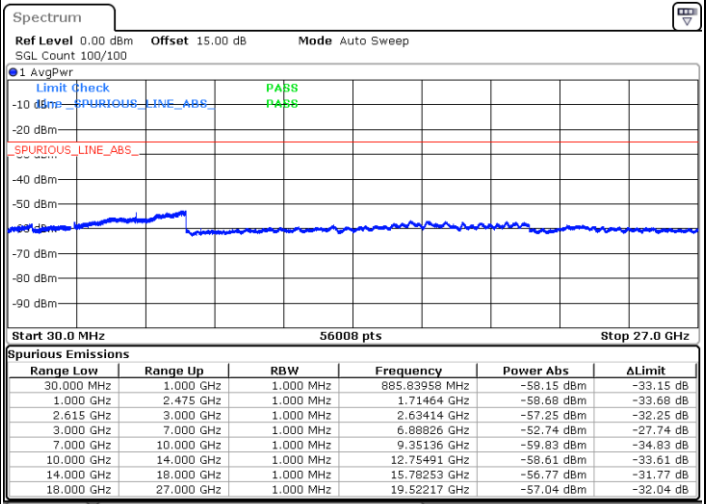
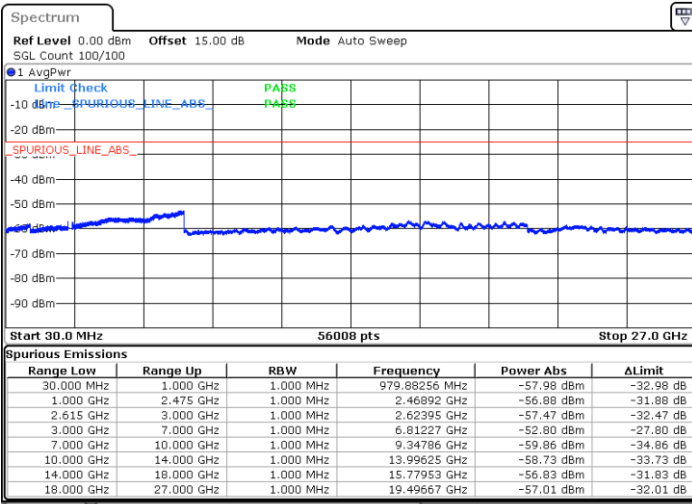


LTE Band 7C / 20MHz+15MHz

64QAM

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0

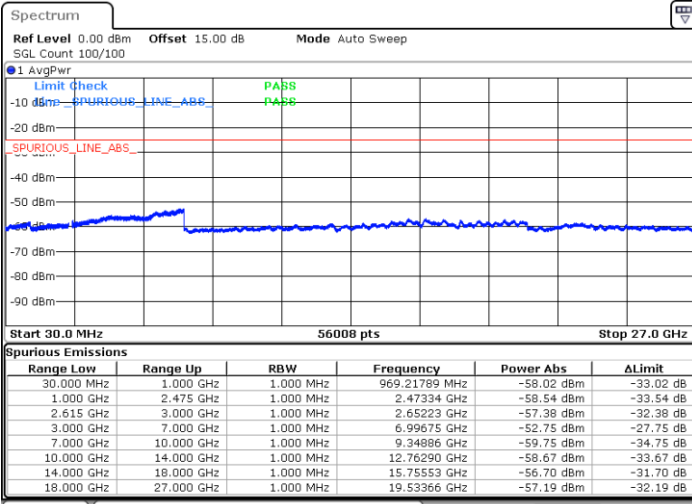


Date: 14.DEC.2022 19:13:07

Date: 14.DEC.2022 19:06:21

Lowest Channel / FullIRB

N/A



Date: 14.DEC.2022 19:14:29

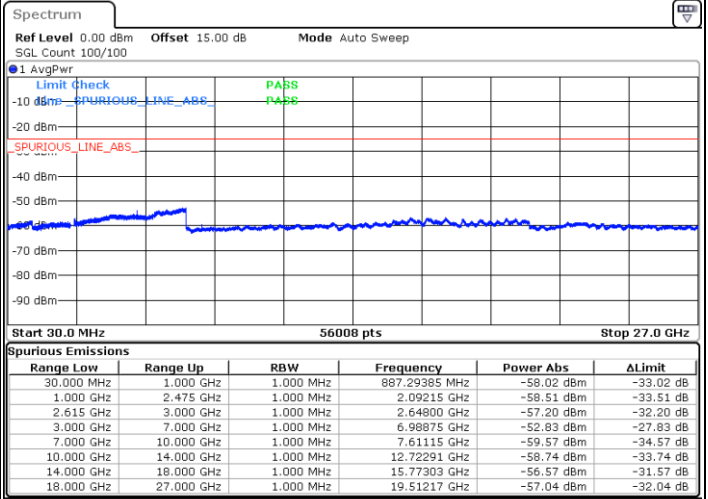
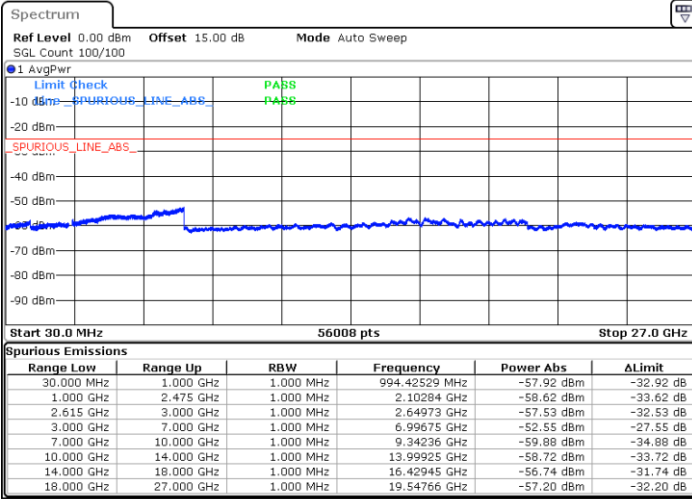


LTE Band 7C / 20MHz+15MHz

64QAM

MiddleChannel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0

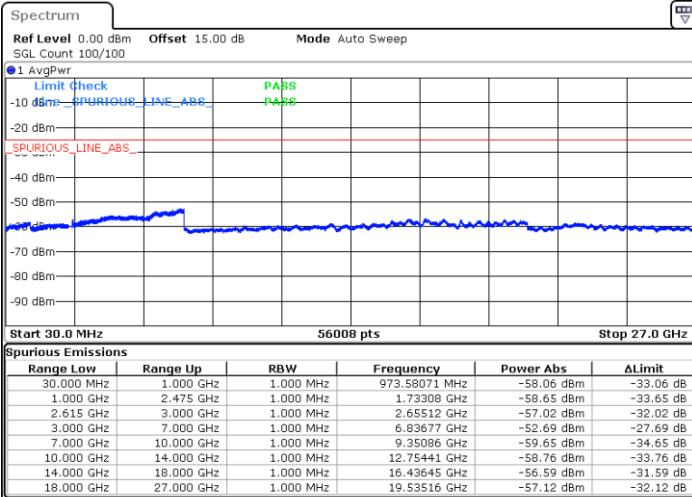


Date: 14.DEC.2022 19:25:47

Date: 14.DEC.2022 19:32:34

Middle Channel / FullIRB

N/A



Date: 14.DEC.2022 19:24:26

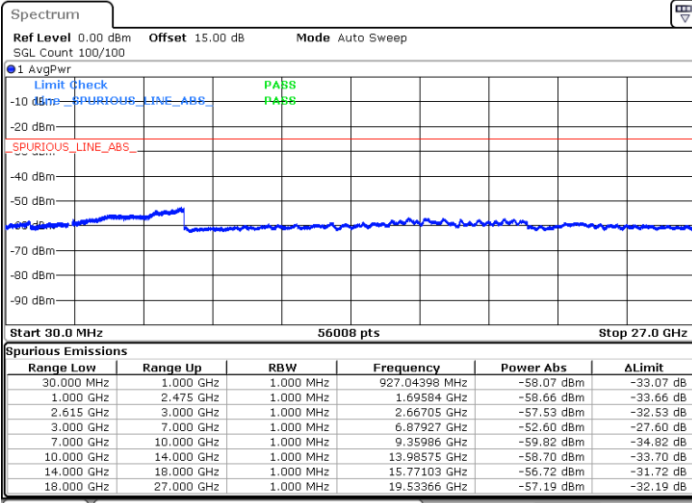


LTE Band 7C / 20MHz+15MHz

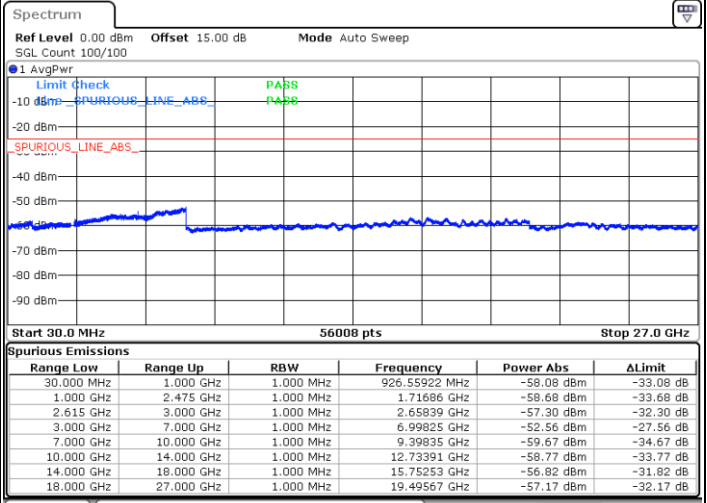
64QAM

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



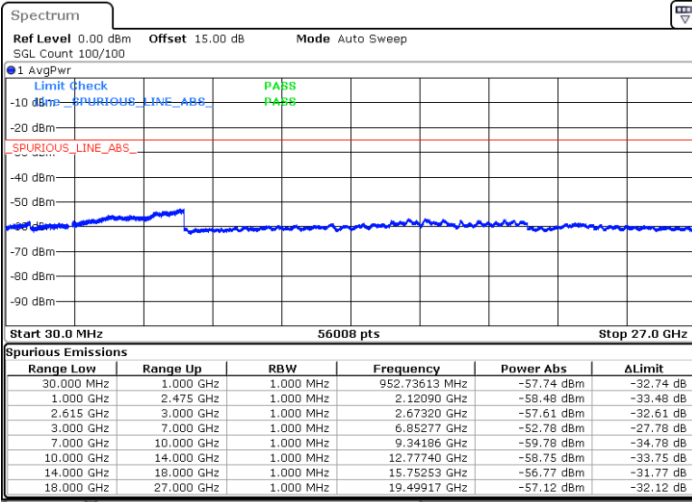
Date: 14.DEC.2022 19:51:14



Date: 14.DEC.2022 19:49:52

Highest Channel / FullIRB

N/A



Date: 14.DEC.2022 19:58:01

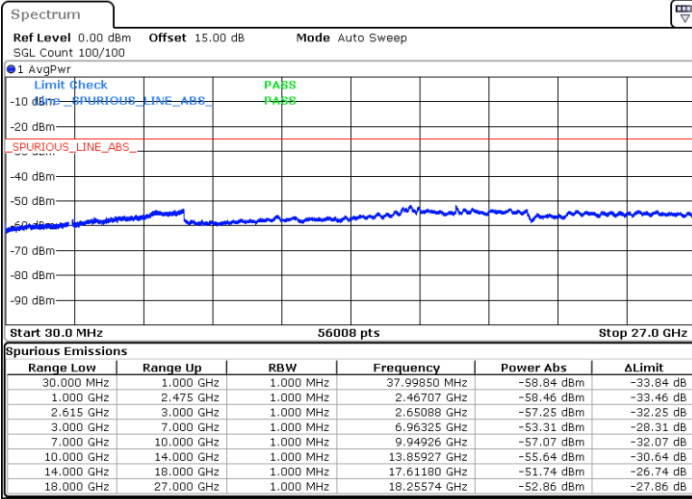


LTE Band 7C / 20MHz+20MHz

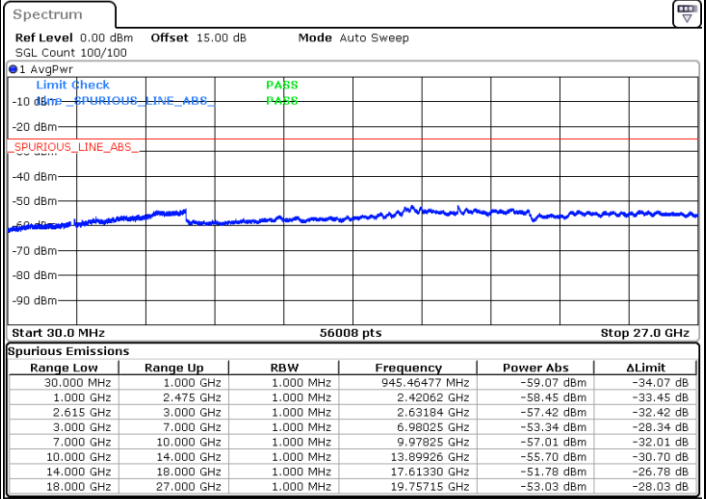
64QAM

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



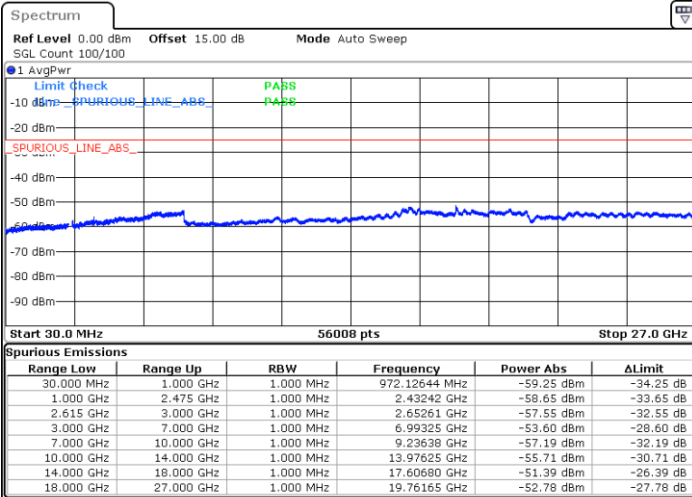
Date: 14.DEC.2022 13:46:35



Date: 14.DEC.2022 13:39:49

Lowest Channel / FullRB

N/A



Date: 14.DEC.2022 13:47:57

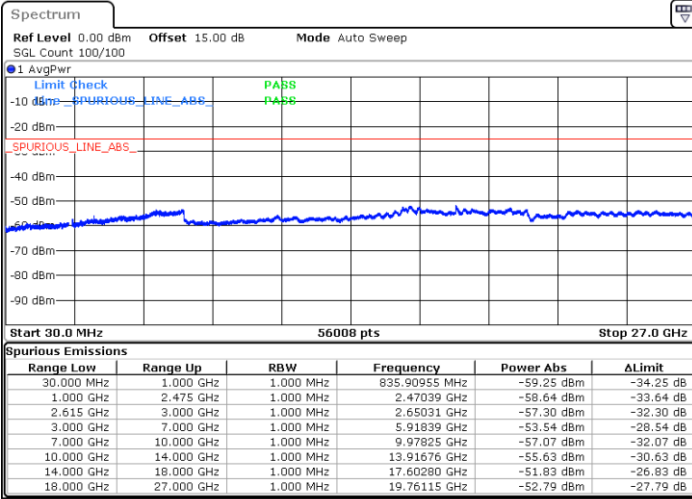


LTE Band 7C / 20MHz+20MHz

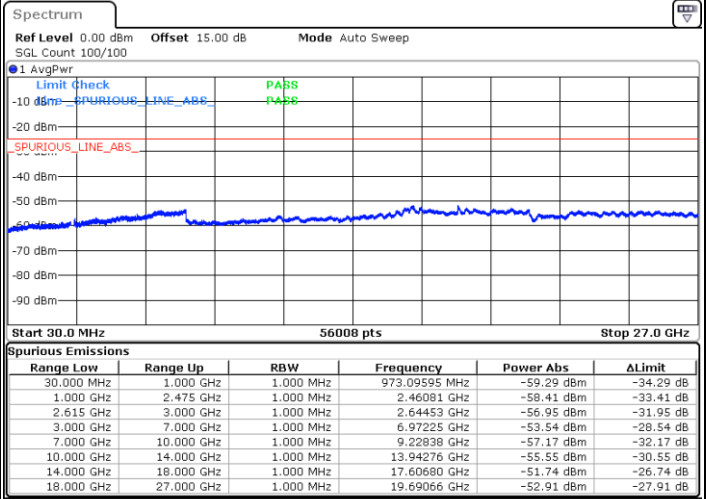
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



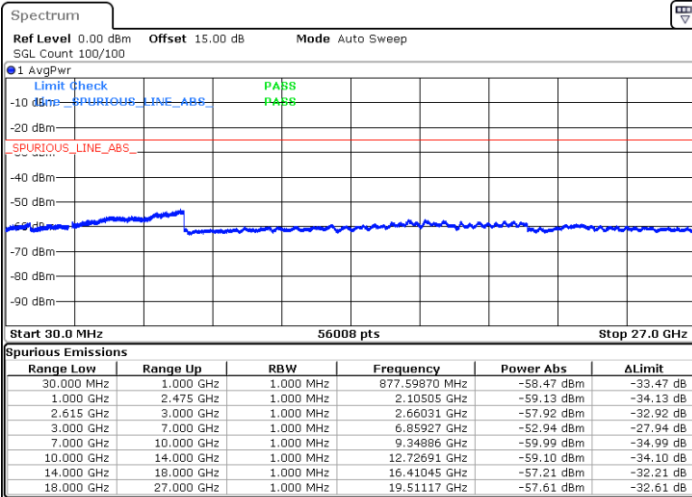
Date: 14.DEC.2022 15:58:23



Date: 14.DEC.2022 15:21:48

Middle Channel / FullIRB

N/A



Date: 15.DEC.2022 10:15:24

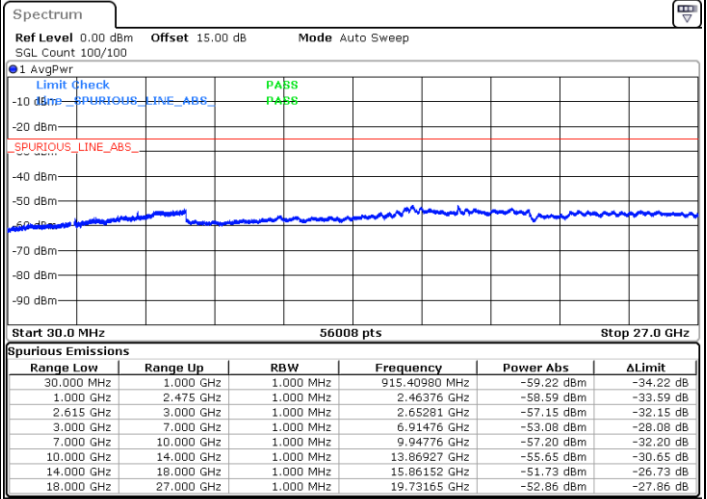
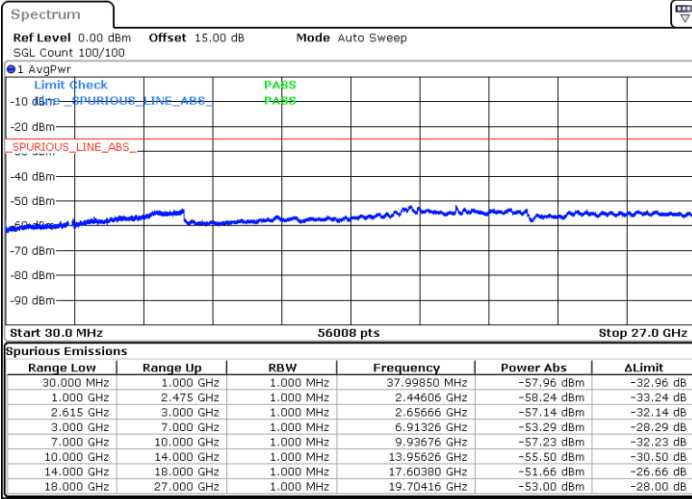


LTE Band 7C / 20MHz+20MHz

64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0

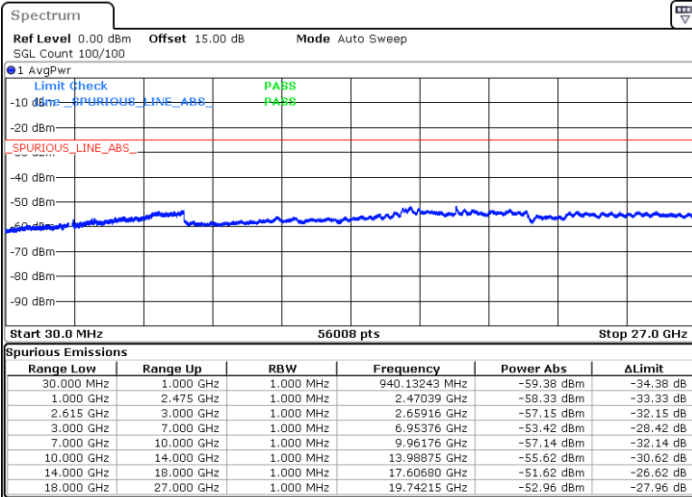


Date: 14.DEC.2022 15:45:08

Date: 14.DEC.2022 15:43:47

Highest Channel / FullIRB

N/A



Date: 14.DEC.2022 15:51:56



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	HuaCong Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE pretest with all supported antenna, only the worst antenna are shown in the report.

LTE Band 2 / 20MHz / QPSK / with Ant.7									
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)
Middle	3742.18	-51.78	-13	-38.78	-66.21	-58.53	5.85	12.60	H
	5613.27	-50.35	-13	-37.35	-67.19	-56.15	7.30	13.10	H
	7484.36	-55.68	-13	-42.68	-78.06	-58.83	8.35	11.50	H
	3742.18	-54.59	-13	-41.59	-69.23	-61.34	5.85	12.60	V
	5613.27	-48.25	-13	-35.25	-65	-54.05	7.30	13.10	V
	7484.36	-56.51	-13	-43.51	-78.82	-59.66	8.35	11.50	V

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

LTE Band 4 / 20MHz / QPSK / with Ant.7									
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)
Middle	3447.18	-55.53	-13	-42.53	-67.87	-62.38	5.65	12.50	H
	5170.77	-40.75	-13	-27.75	-58.02	-46.42	7.13	12.80	H
	6894.36	-58.78	-13	-45.78	-79.14	-62.18	8.40	11.80	H
	3447.18	-58.10	-13	-45.10	-70.99	-64.95	5.65	12.50	V
	5170.77	-45.89	-13	-32.89	-63.11	-51.56	7.13	12.80	V
	6894.36	-58.99	-13	-45.99	-79.26	-62.39	8.40	11.80	V

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



LTE Band 5 / 10MHz / QPSK / with Ant.7									
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)
Middle	1664.18	-43.70	-13	-30.70	-49.81	-46.95	4.00	9.40	H
	2496.27	-47.97	-13	-34.97	-58.16	-51.54	4.88	10.60	H
	3328.36	-64.37	-13	-51.37	-76.34	-69.30	5.52	12.60	H
	1664.18	-46.21	-13	-33.21	-52.09	-49.46	4.00	9.40	V
	2496.27	-49.10	-13	-36.10	-59.63	-52.67	4.88	10.60	V
	3328.36	-63.89	-13	-50.89	-76.27	-68.82	5.52	12.60	V

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

LTE Band 7 / 20MHz / QPSK / _Ant.2 with main PA									
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)
Middle	5052.18	-61.77	-25	-36.77	-79.19	-67.33	7.14	12.70	H
	7578.27	-55.38	-25	-30.38	-77.54	-58.68	8.30	11.60	H
	10104.36	-53.32	-25	-28.32	-80.21	-54.84	10.48	12.00	H
	5052.18	-61.83	-25	-36.83	-79.18	-67.39	7.14	12.70	V
	7578.27	-48.06	-25	-23.06	-70.02	-51.36	8.30	11.60	V
	10104.36	-53.39	-25	-28.39	-79.79	-54.91	10.48	12.00	V

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

LTE Band 7(DC_7A_n5A) / LTE 20MHz + NR 20 MHz / QPSK / _Ant.7 with second PA									
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)
LTE B7 Middle	5052.18	-61.99	-25	-36.99	-79.41	-67.55	7.14	12.70	H
	7578.27	-56.37	-25	-31.37	-78.53	-59.67	8.30	11.60	H
	10104.36	-53.29	-25	-28.29	-80.18	-54.81	10.48	12.00	H
	5052.18	-62.25	-25	-37.25	-79.6	-67.81	7.14	12.70	V
	7578.27	-56.50	-25	-31.50	-78.46	-59.80	8.30	11.60	V
	10104.36	-53.61	-25	-28.61	-80.01	-55.13	10.48	12.00	V
n5 Middle	1654.5	-52.83	-13	-39.83	-58.93	-56.08	4.00	9.40	H
	2481.75	-53.38	-13	-40.38	-63.59	-56.95	4.88	10.60	H
	3309	-63.40	-13	-50.40	-75.52	-68.33	5.52	12.60	H
	1654.5	-56.30	-13	-43.30	-62.25	-59.55	4.00	9.40	V
	2481.75	-58.43	-13	-45.43	-69.00	-62.00	4.88	10.60	V
	3309	-62.50	-13	-49.50	-75.06	-67.43	5.52	12.60	V

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



LTE Band 7C / 20MHz+20MHz / QPSK / _ Ant.2									
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)
Middle	5070.00	-63.51	-25	-38.51	-79.19	-80.89	7.14	12.70	H
	7605.00	-58.32	-25	-33.32	-77.54	-80.44	8.30	11.60	H
	10140.00	-54.21	-25	-29.21	-80.21	-81.09	10.48	12.00	H
	5070.00	-63.31	-25	-38.31	-79.18	-80.62	7.14	12.70	V
	7605.00	-58.62	-25	-33.62	-70.02	-80.52	8.30	11.60	V
	10140.00	-54.49	-25	-29.49	-79.79	-80.92	10.48	12.00	V

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

LTE Band 41 / 20MHz / QPSK / _ Ant.2									
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)
Middle	5168.00	-61.51	-25	-36.51	-78.78	-67.07	7.14	12.70	H
	7752.00	-55.46	-25	-30.46	-78.03	-58.76	8.30	11.60	H
	10336.00	-52.64	-25	-27.64	-79.45	-54.16	10.48	12.00	H
	5168.00	-61.67	-25	-36.67	-78.89	-67.23	7.14	12.70	V
	7752.00	-55.50	-25	-30.50	-78.04	-58.80	8.30	11.60	V
	10336.00	-52.87	-25	-27.87	-79.45	-54.39	10.48	12.00	V

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