

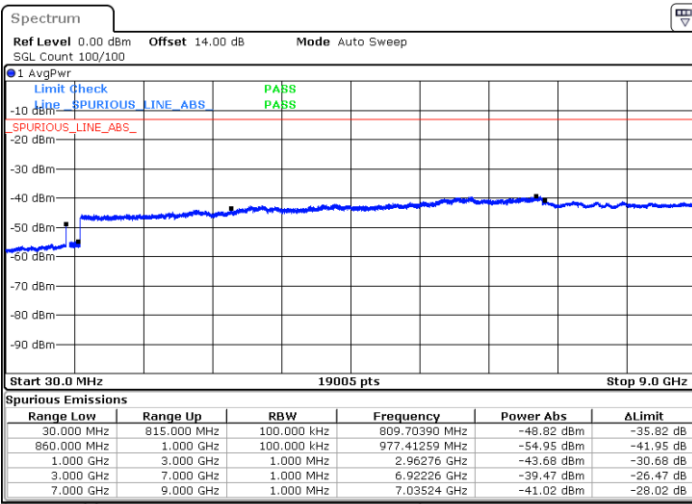


LTE Band 5B / 3MHz+5MHz

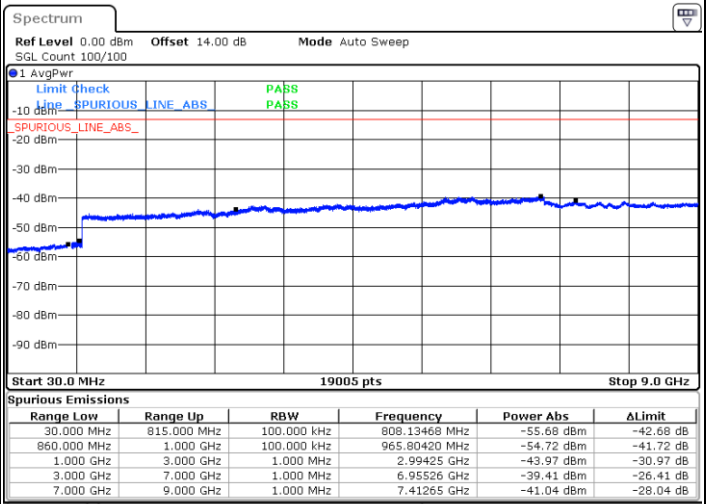
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB14 and 1RB0



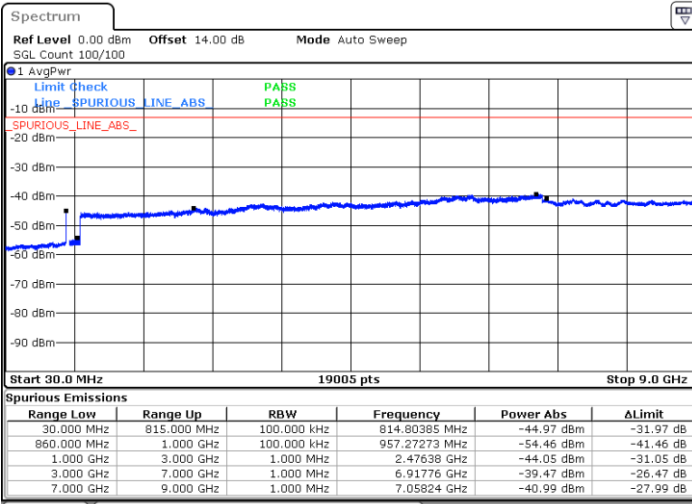
Date: 25.DEC.2021 09:46:45



Date: 25.DEC.2021 09:39:58

Lowest Channel / FullIRB

N/A



Date: 25.DEC.2021 09:48:07

Blank

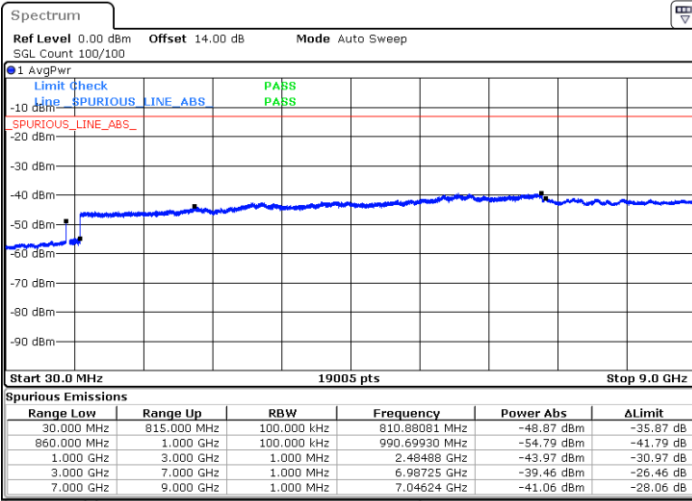


LTE Band 5B / 3MHz+5MHz

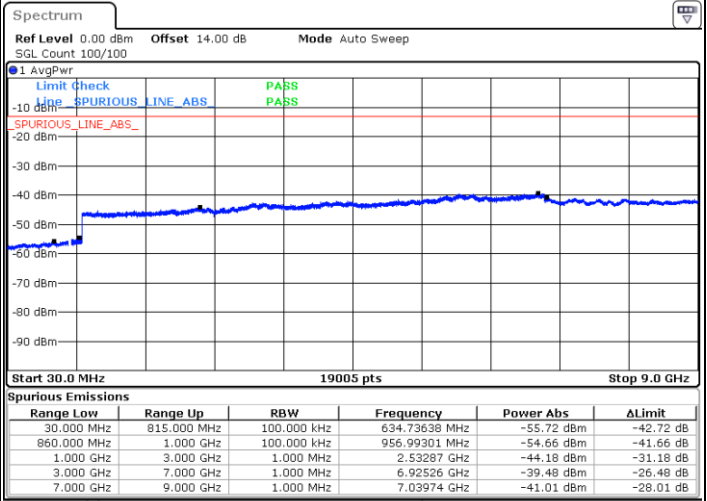
64QAM

MiddleChannel / 1RB0 and 1RB24

Middle Channel / 1RB14 and 1RB0



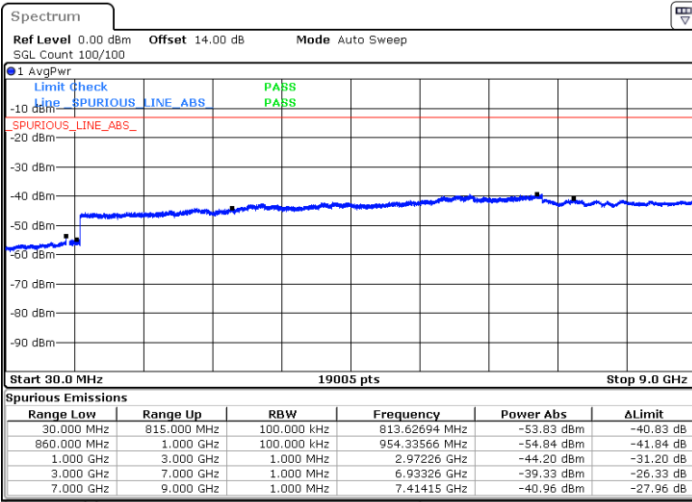
Date: 25.DEC.2021 09:59:32



Date: 25.DEC.2021 10:06:19

Middle Channel / FullIRB

N/A



Date: 25.DEC.2021 09:58:10

Blank

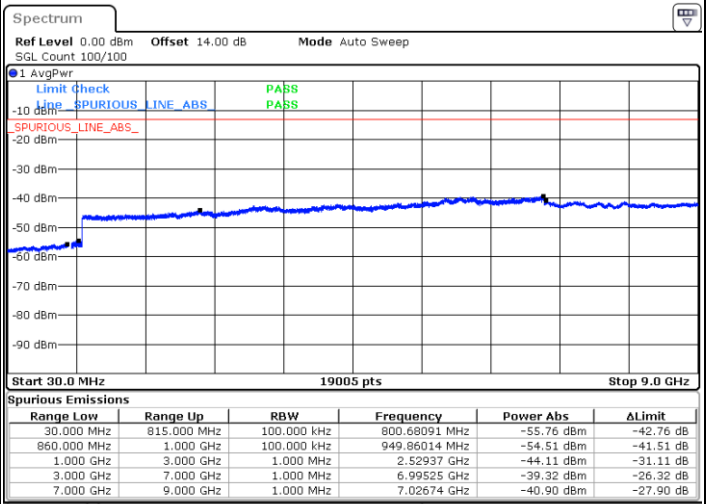
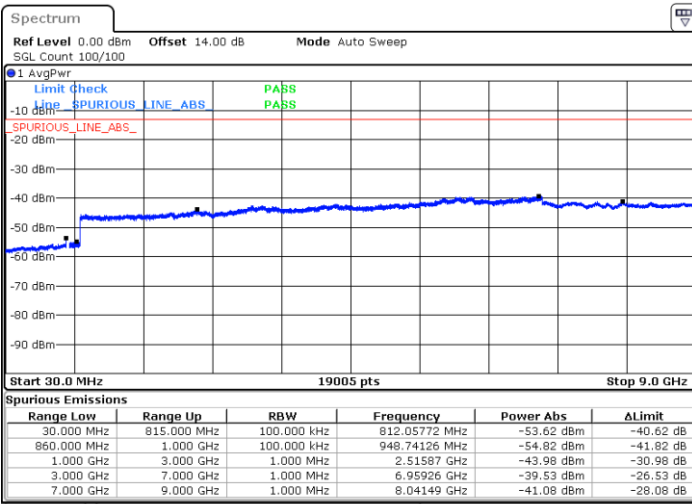


LTE Band 5B / 3MHz+5MHz

64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB14 and 1RB0

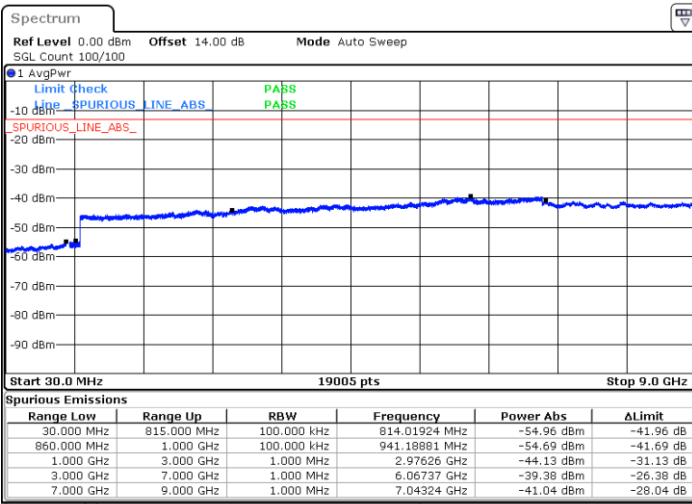


Date: 25.DEC.2021 10:33:21

Date: 25.DEC.2021 10:32:00

Highest Channel / FullIRB

N/A



Date: 25.DEC.2021 10:40:09

Blank

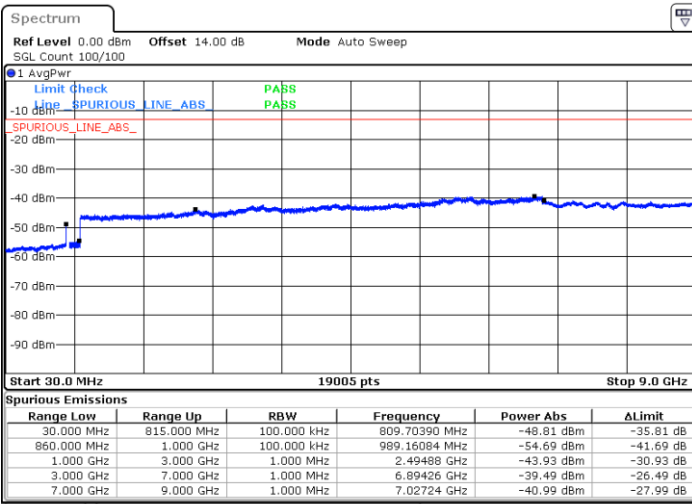


LTE Band 5B / 5MHz+3MHz

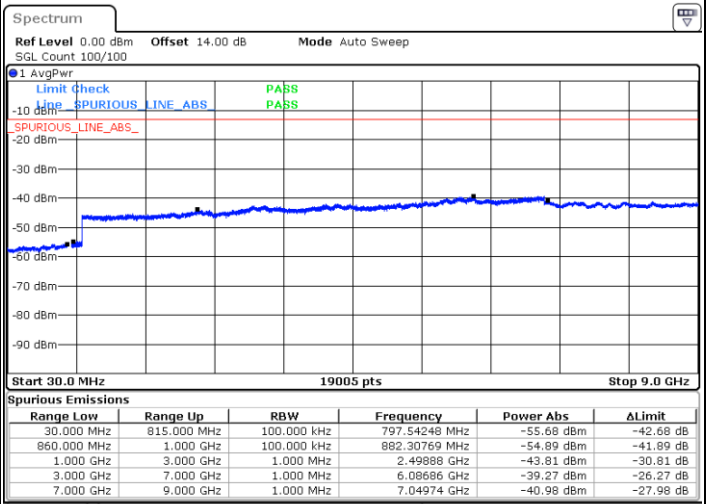
64QAM

Lowest Channel / 1RB0 and 1RB14

Lowest Channel / 1RB24 and 1RB0



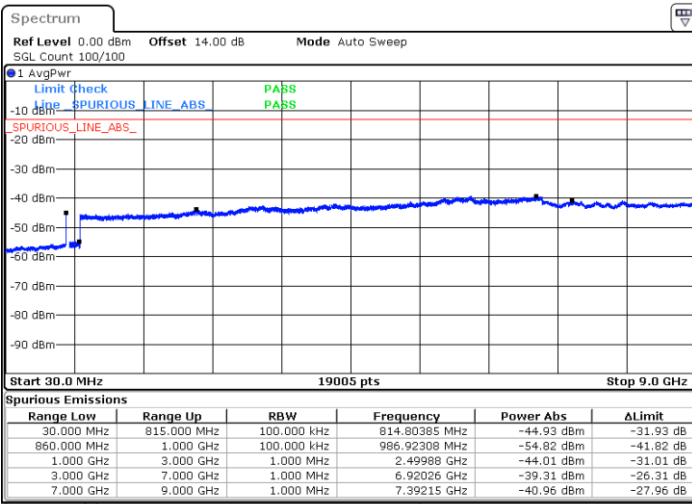
Date: 25.DEC.2021 11:13:38



Date: 25.DEC.2021 11:06:51

Lowest Channel / FullIRB

N/A



Date: 25.DEC.2021 11:15:01

Blank

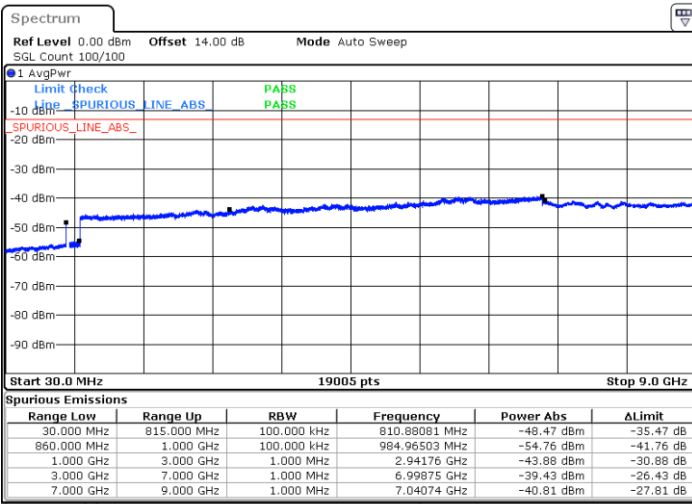


LTE Band 5B / 5MHz+3MHz

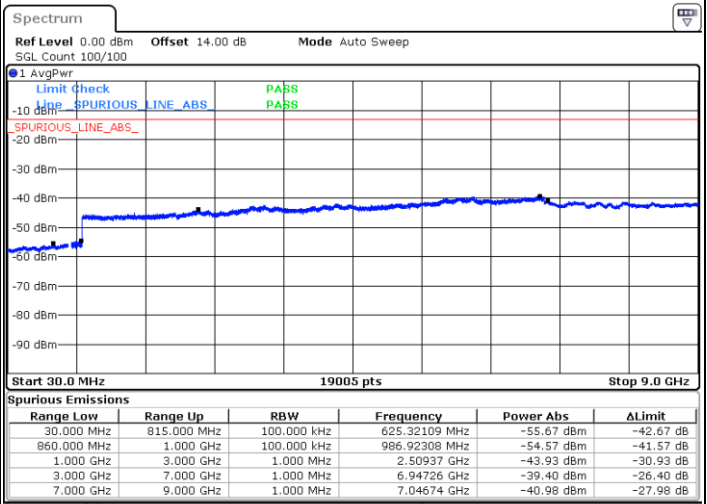
64QAM

Middle Channel / 1RB0 and 1RB14

Middle Channel / 1RB24 and 1RB0



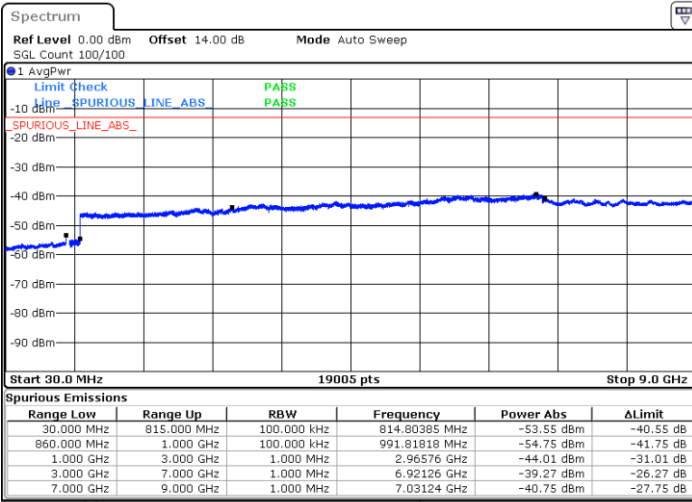
Date: 25.DEC.2021 11:26:26



Date: 25.DEC.2021 11:33:13

Middle Channel / FullIRB

N/A



Date: 25.DEC.2021 11:25:04

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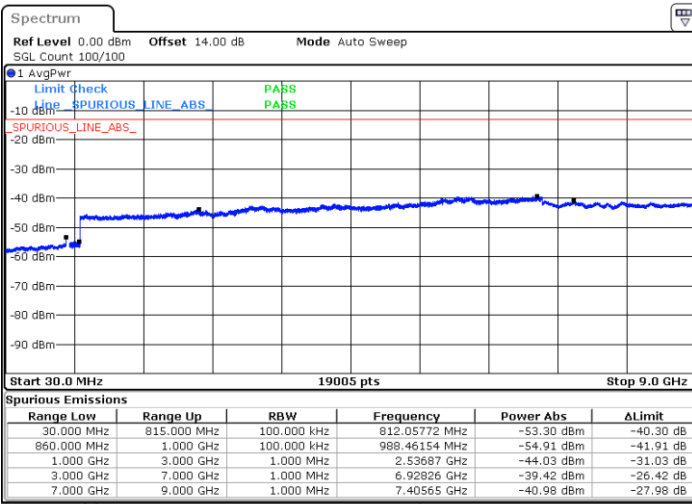


LTE Band 5B / 5MHz+3MHz

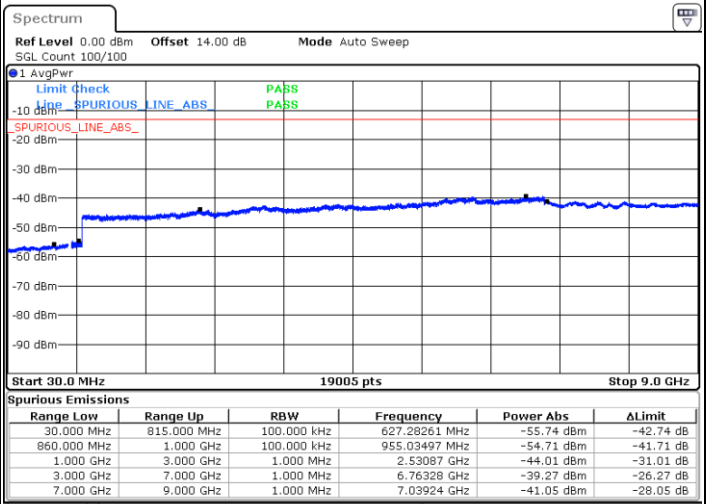
64QAM

Highest Channel / 1RB0 and 1RB14

Highest Channel / 1RB24 and 1RB0



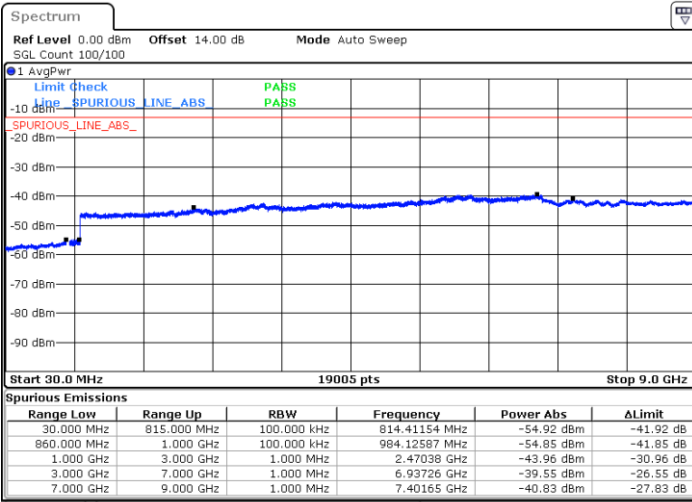
Date: 25.DEC.2021 12:00:16



Date: 25.DEC.2021 11:58:54

Highest Channel / FullIRB

N/A



Date: 25.DEC.2021 12:07:03

Blank

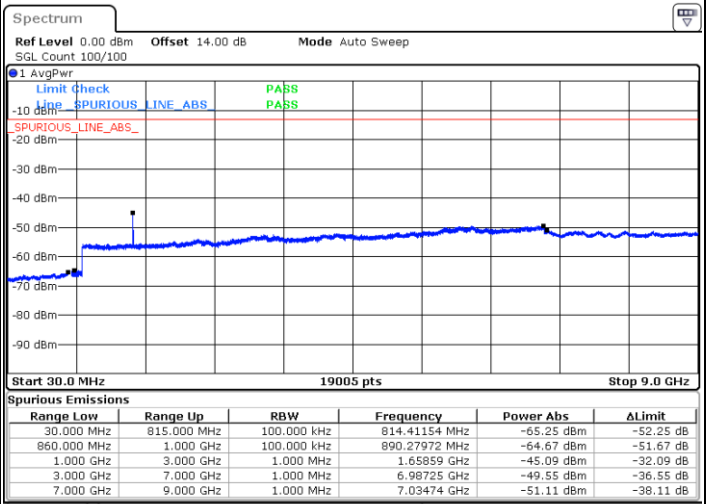
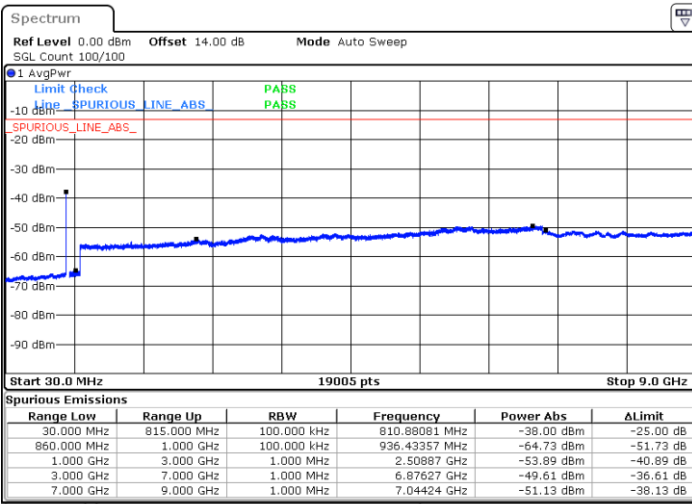


LTE Band 5B / 5MHz+10MHz

64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB24 and 1RB0

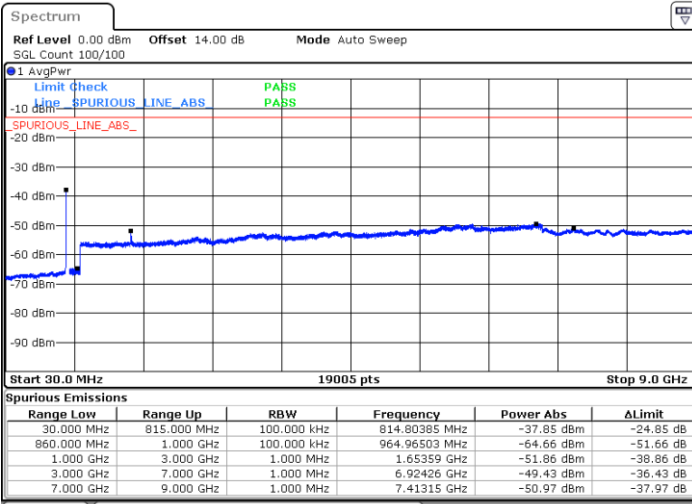


Date: 25.DEC.2021 01:11:49

Date: 25.DEC.2021 01:05:10

Lowest Channel / FullIRB

N/A



Date: 25.DEC.2021 01:13:09

Blank

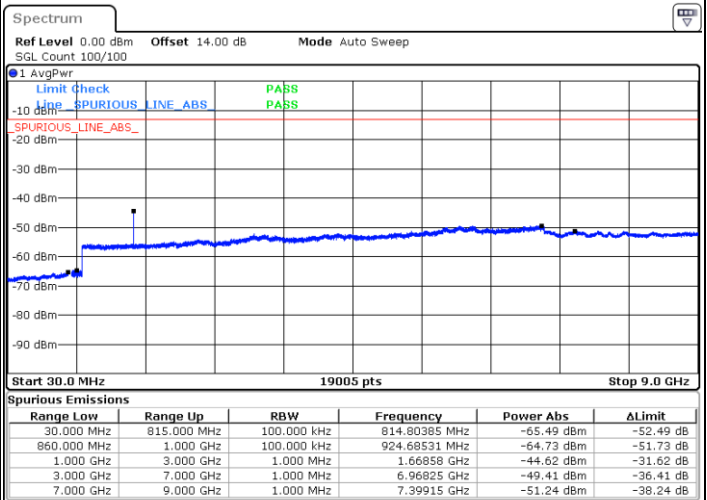
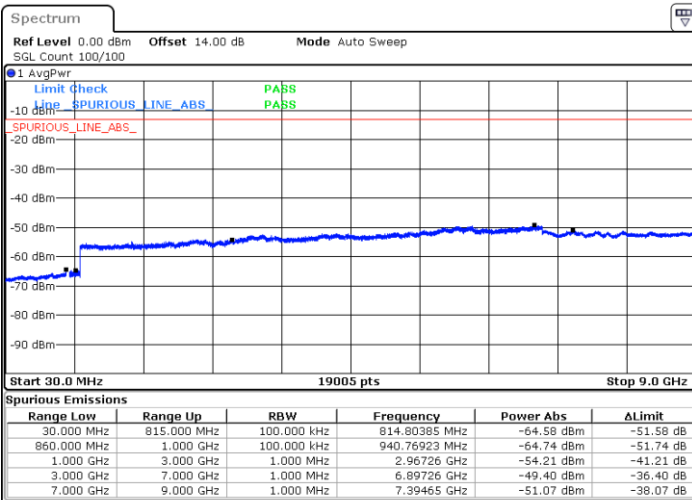


LTE Band 5B / 5MHz+10MHz

64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB24 and 1RB0

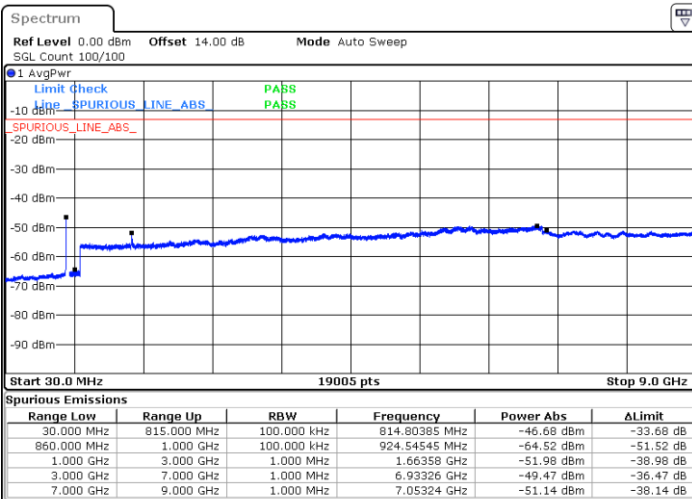


Date: 25.DEC.2021 01:25:27

Date: 25.DEC.2021 01:32:05

Middle Channel / FullIRB

N/A



Blank

Date: 25.DEC.2021 01:24:07

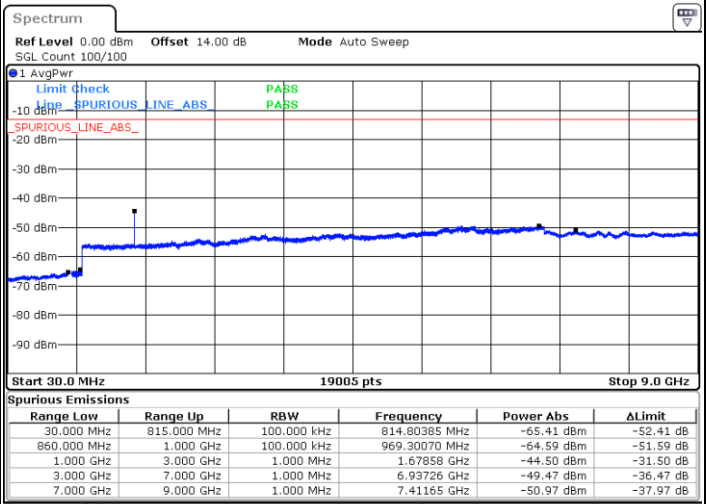
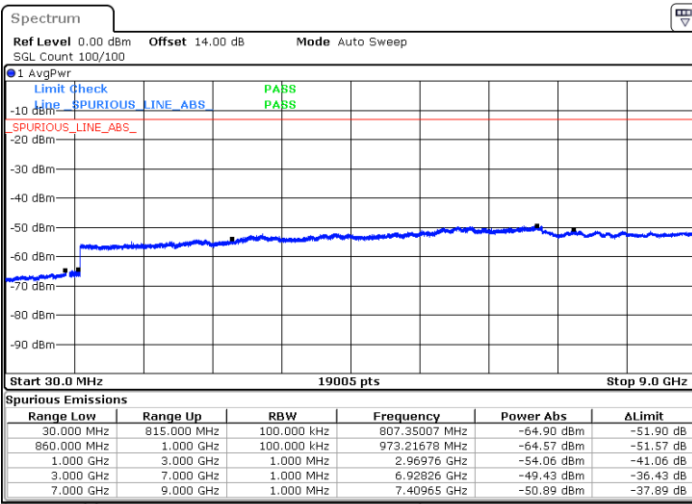


LTE Band 5B / 5MHz+10MHz

64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB24 and 1RB0

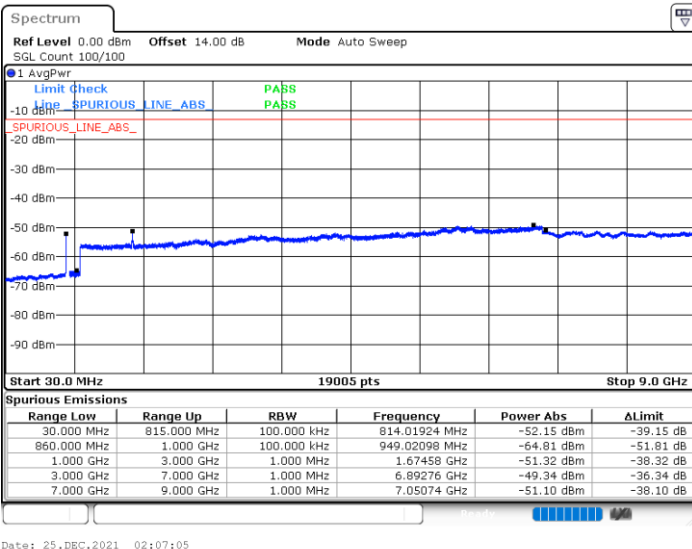


Date: 25.DEC.2021 02:00:25

Date: 25.DEC.2021 01:59:05

Highest Channel / FullIRB

N/A



Date: 25.DEC.2021 02:07:05

Blank

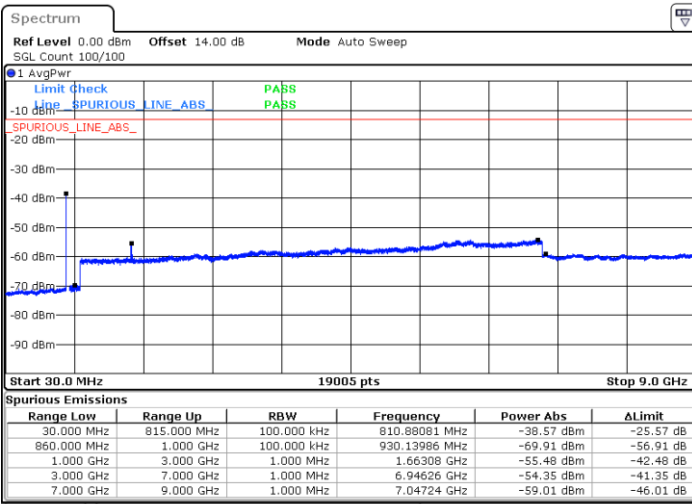


LTE Band 5B / 10MHz+5MHz

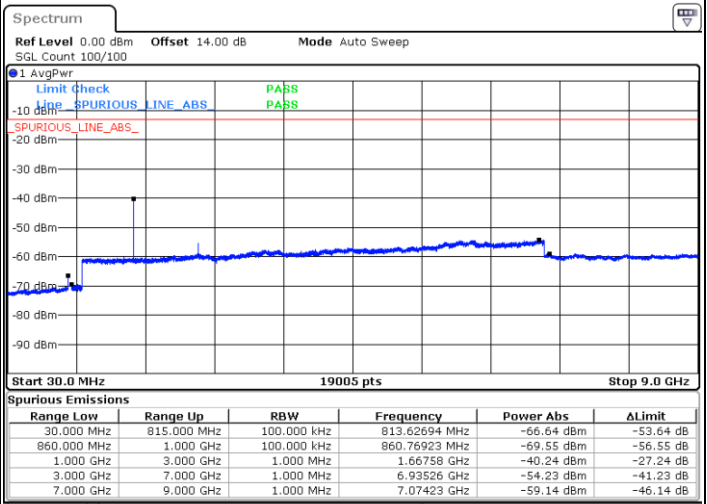
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB49 and 1RB0



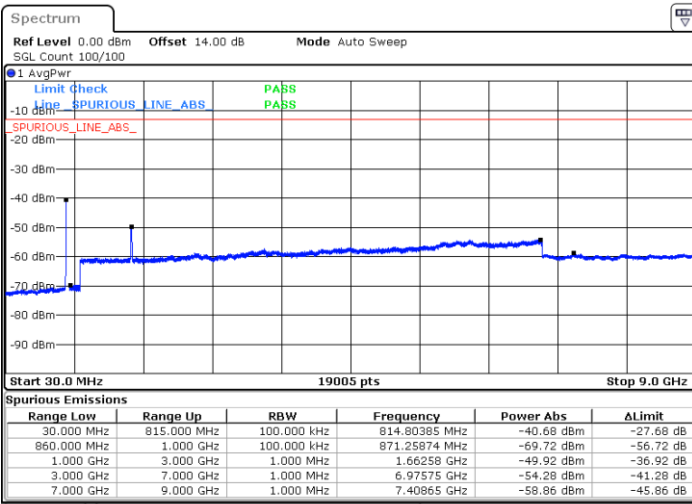
Date: 25.DEC.2021 03:03:24



Date: 25.DEC.2021 02:56:46

Lowest Channel / FullIRB

N/A



Date: 25.DEC.2021 03:04:45

Blank

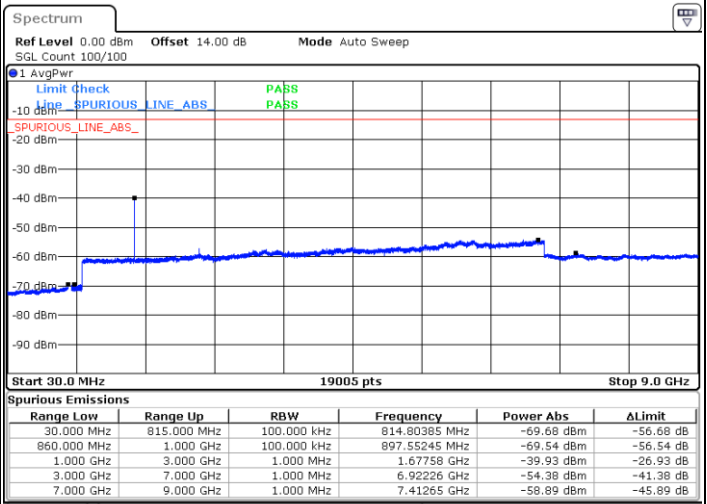
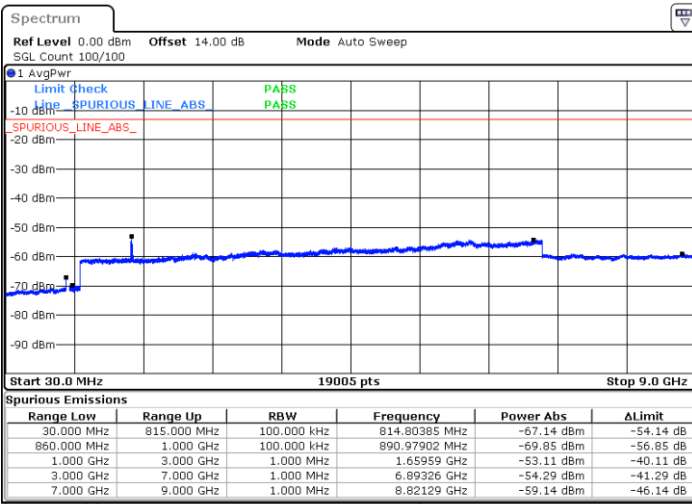


LTE Band 5B / 10MHz+5MHz

64QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB49 and 1RB0

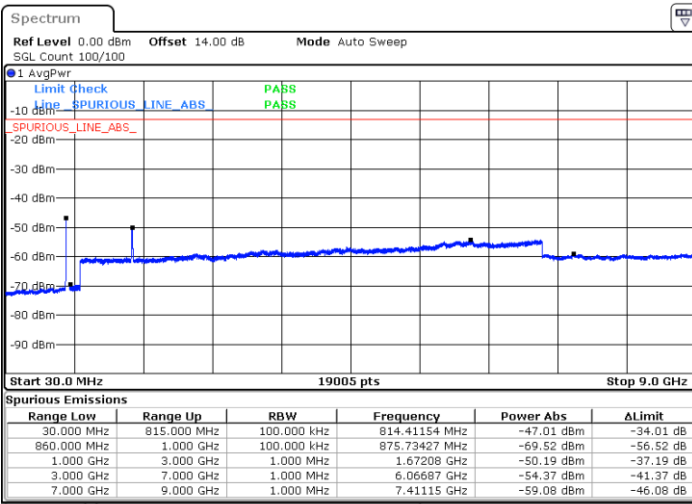


Date: 25.DEC.2021 03:33:26

Date: 25.DEC.2021 03:40:04

Middle Channel / FullIRB

N/A



Date: 25.DEC.2021 03:32:05

Blank

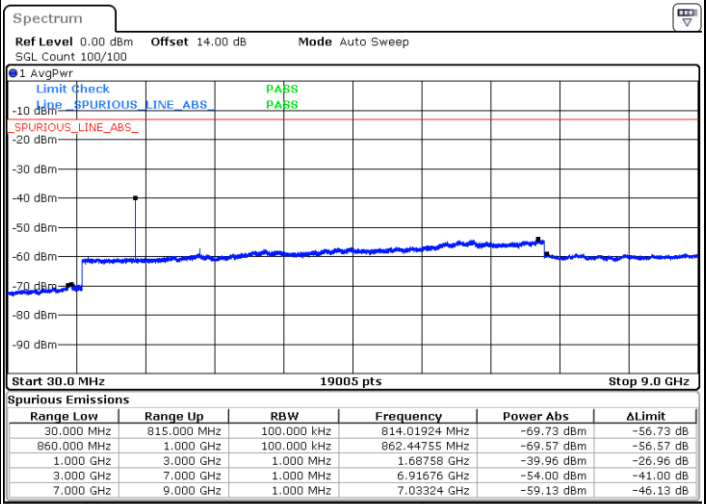
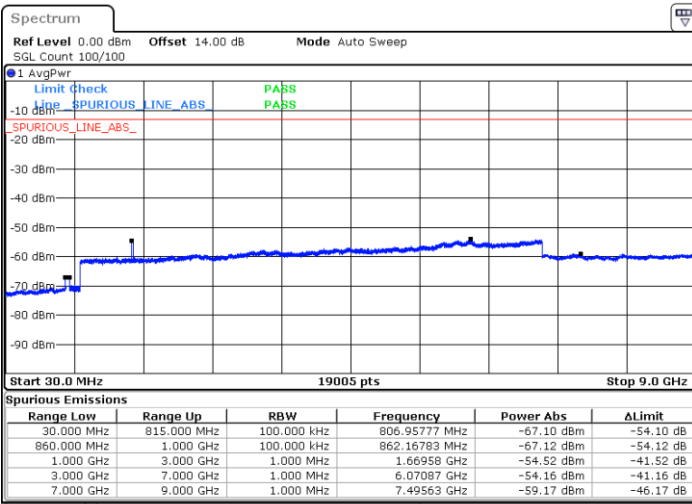


LTE Band 5B / 10MHz+5MHz

64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB49 and 1RB0

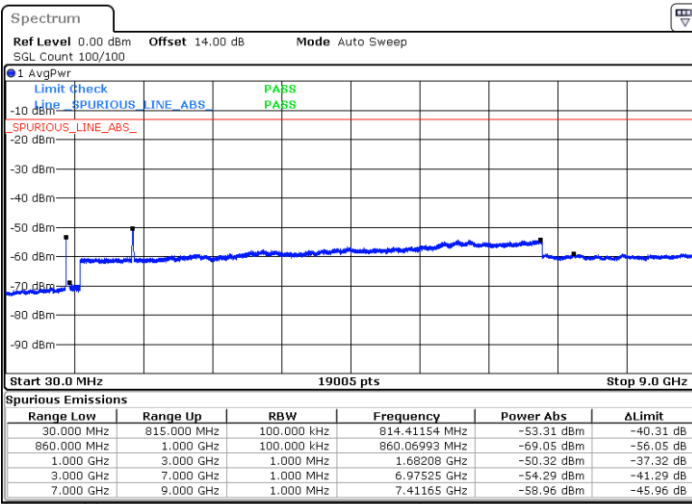


Date: 25.DEC.2021 04:06:30

Date: 25.DEC.2021 04:05:10

Highest Channel / FullIRB

N/A



Date: 25.DEC.2021 04:13:08

Blank

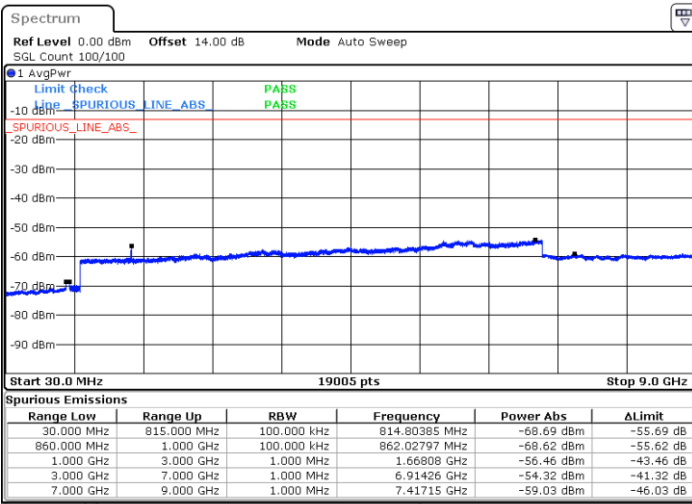


LTE Band 5B / 10MHz+10MHz

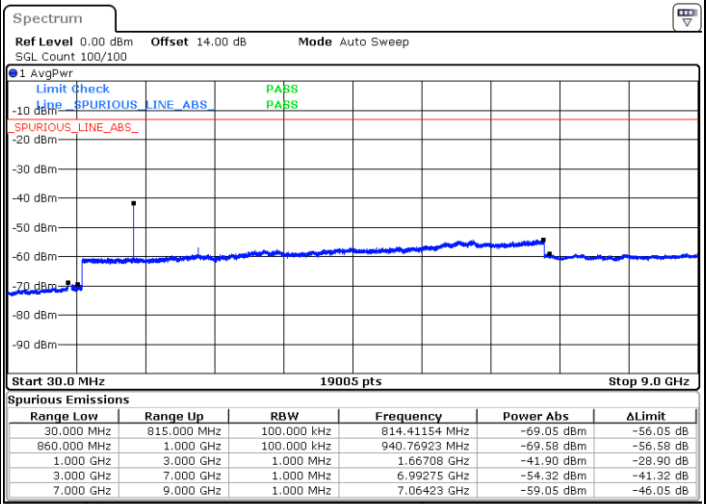
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



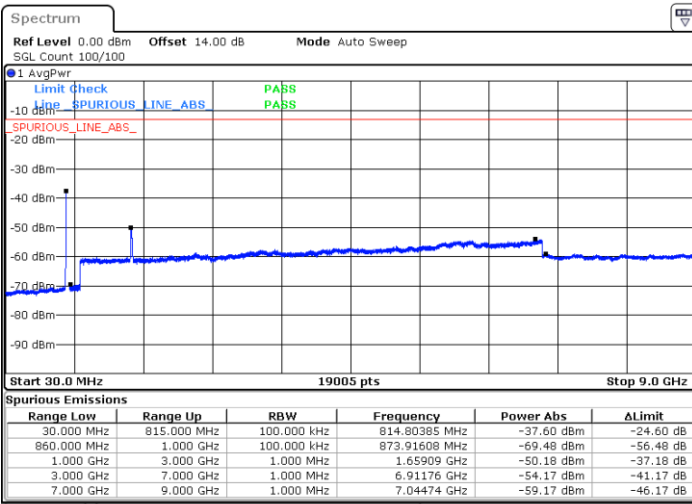
Date: 25.DEC.2021 05:14:40



Date: 25.DEC.2021 05:08:02

Lowest Channel / FullIRB

N/A



Date: 25.DEC.2021 05:16:01

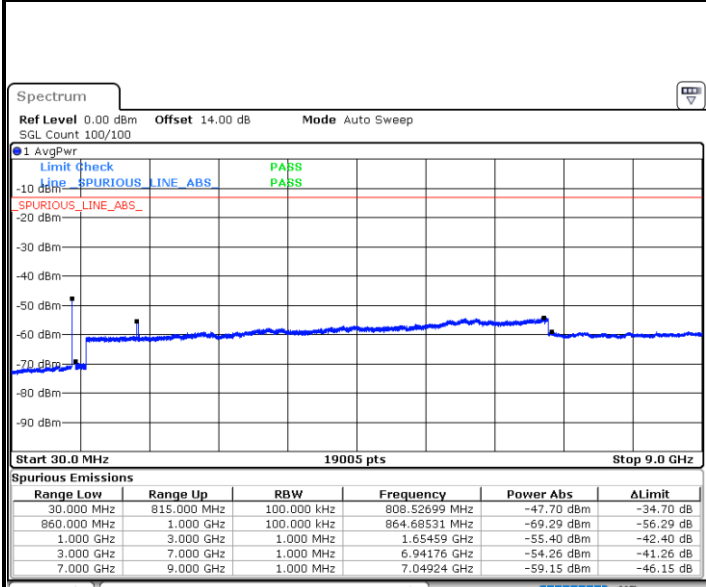
Blank



LTE Band 5B / 10MHz+10MHz

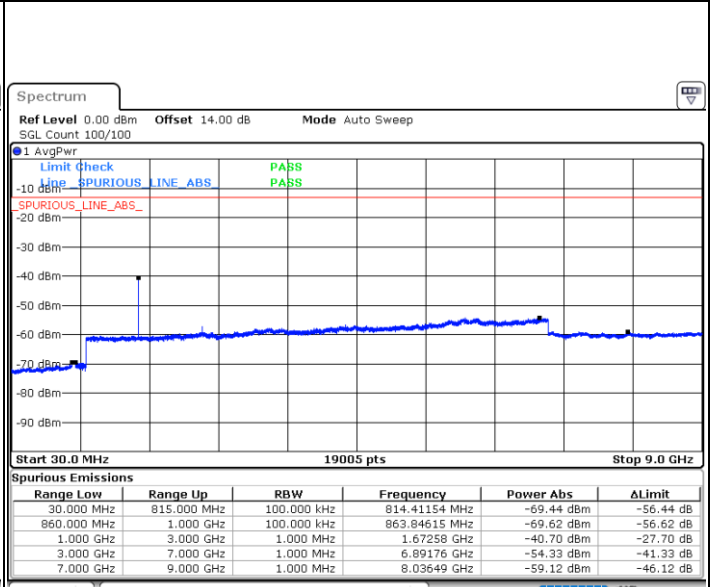
64QAM

Middle Channel / 1RB0 and 1RB49



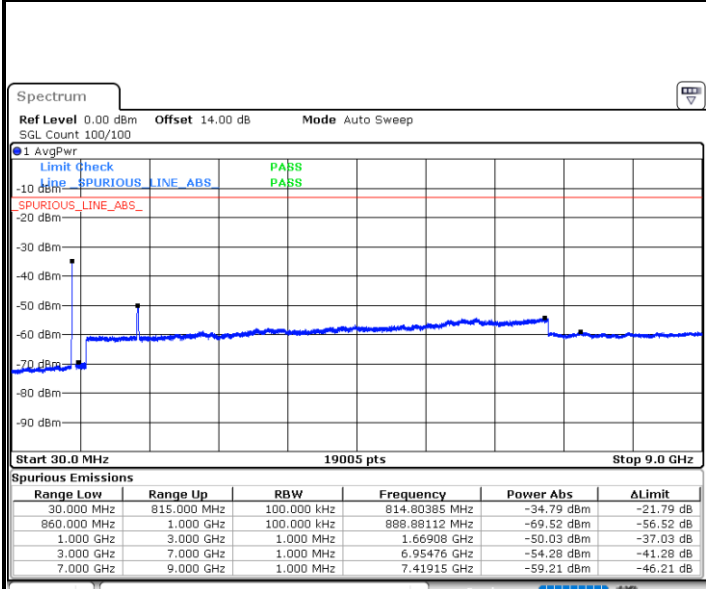
Date: 25.DEC.2021 06:59:23

Middle Channel / 1RB49 and 1RB0



Date: 25.DEC.2021 07:06:01

Middle Channel / FullIRB



Date: 25.DEC.2021 06:58:03

N/A

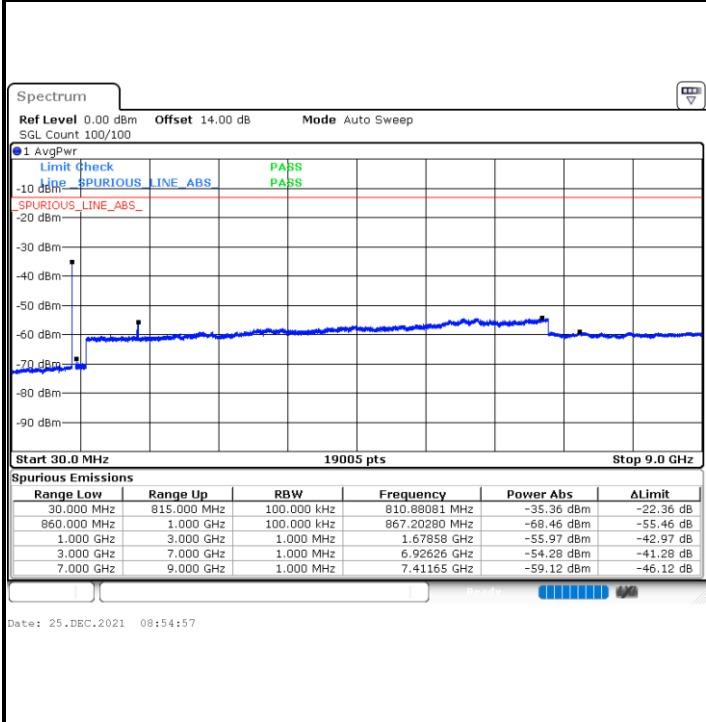
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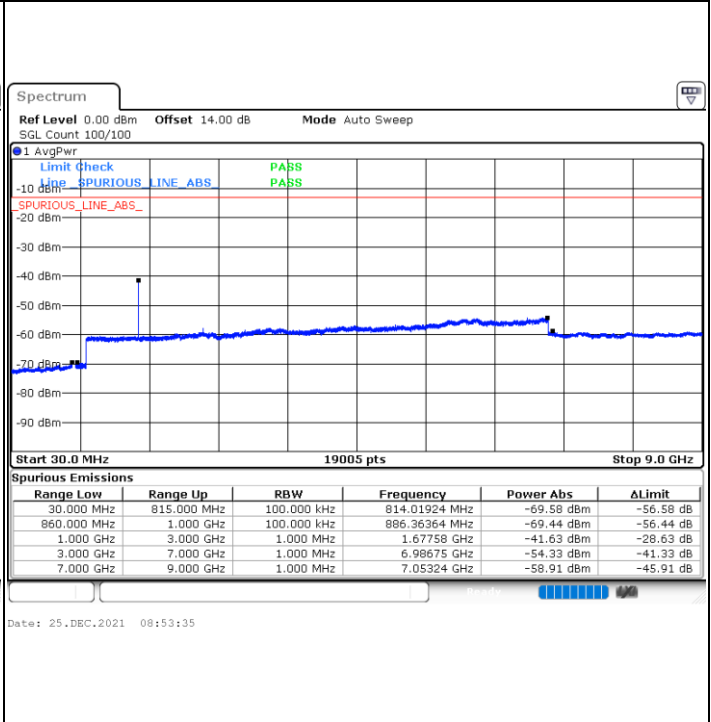
LTE Band 5B / 10MHz+10MHz

64QAM

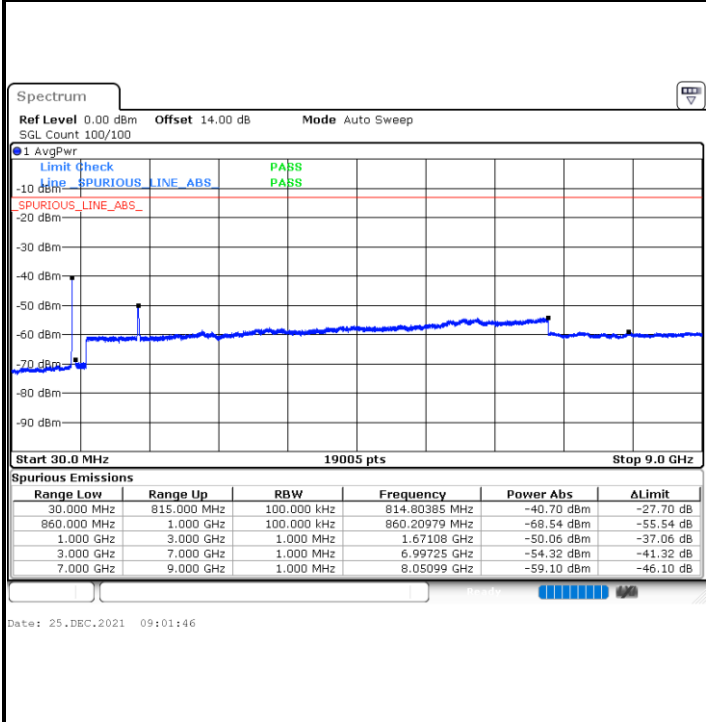
Highest Channel / 1RB0 and 1RB49



Highest Channel / 1RB49 and 1RB0



Highest Channel / FullIRB



N/A

Blank



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia/WenBo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	1406	-64.71	-13	-51.71	-75.50	-67.96	4.00	9.40	H
	2109	-54.38	-13	-41.38	-71.85	-57.95	4.88	10.60	H
	2812	-59.18	-13	-46.18	-78.27	-64.11	5.52	12.60	H
	1406	-63.54	-13	-50.54	-75.39	-66.79	4.00	9.40	V
	2109	-55.32	-13	-42.32	-72.58	-58.89	4.88	10.60	V
	2812	-57.91	-13	-44.91	-77.81	-62.84	5.52	12.60	V

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

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	1559.5	-64.40	-42.15	-22.25	-64.40	-67.65	4.00	9.40	H
	2339.25	-59.69	-13	-46.69	-59.69	-63.26	4.88	10.60	H
	3119	-58.15	-13	-45.15	-58.15	-63.08	5.52	12.60	H
	1559.5	-63.78	-42.15	-21.63	-63.78	-67.03	4.00	9.40	V
	2339.25	-59.35	-13	-46.35	-59.35	-62.92	4.88	10.60	V
	3119	-56.53	-13	-43.53	-56.53	-61.46	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	1559.5	-64.36	-42.15	-22.21	-64.36	-67.61	4.00	9.40	H
	2339.25	-59.88	-13	-46.88	-59.88	-63.45	4.88	10.60	H
	3119	-57.99	-13	-44.99	-57.99	-62.92	5.52	12.60	H
	1559.5	-63.93	-42.15	-21.78	-63.93	-67.18	4.00	9.40	V
	2339.25	-59.21	-13	-46.21	-59.21	-62.78	4.88	10.60	V
	3119	-56.12	-13	-43.12	-56.12	-61.05	5.52	12.60	V

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



LTE Band 25 / 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)
Middle	3747	-57.39	-13	-44.39	-79.73	-64.14	5.85	12.60	H
	5620.5	-56.96	-13	-43.96	-81.16	-62.76	7.30	13.10	H
	7494	-54.79	-13	-41.79	-81.19	-57.94	8.35	11.50	H
	3747	-54.55	-13	-41.55	-80.05	-61.30	5.85	12.60	V
	5620.5	-56.26	-13	-43.26	-80.96	-62.06	7.30	13.10	V
	7494	-54.85	-13	-41.85	-81.24	-58.00	8.35	11.50	V

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

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	1659.5	-64.20	-13	-51.20	-75.85	-67.45	4.00	9.40	H
	2489.25	-59.13	-13	-46.13	-77.90	-62.70	4.88	10.60	H
	3319	-58.31	-13	-45.31	-79.19	-63.24	5.52	12.60	H
	1659.5	-63.71	-13	-50.71	-76.03	-66.96	4.00	9.40	V
	2489.25	-58.51	-13	-45.51	-77.54	-62.08	4.88	10.60	V
	3319	-57.42	-13	-44.42	-79.00	-62.35	5.52	12.60	V

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

LTE Band 66 / 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)
Middle	3472	-55.29	-13	-42.29	-77.24	-62.14	5.65	12.50	H
	5208	-57.01	-13	-44.01	-81.23	-62.68	7.13	12.80	H
	6944	-55.61	-13	-42.61	-81.32	-59.01	8.40	11.80	H
	3472	-55.63	-13	-42.63	-77.38	-62.48	5.65	12.50	V
	5208	-56.49	-13	-43.49	-80.88	-62.16	7.13	12.80	V
	6944	-54.51	-13	-41.51	-80.95	-57.91	8.40	11.80	V

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



LTE Band 71 / 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)
Middle	1348.00	-65.53	-25	-40.53	-73.22	-71.09	7.14	12.70	H
	2022.00	-65.82	-25	-40.82	-75.26	-69.12	8.30	11.60	H
	2696.00	-62.75	-25	-37.75	-75.73	-64.27	10.48	12.00	H
	1348.00	-65.71	-25	-40.71	-73.33	-71.27	7.14	12.70	V
	2022.00	-65.52	-25	-40.52	-75.08	-68.82	8.30	11.60	V
	2696.00	-62.80	-25	-37.80	-75.67	-64.32	10.48	12.00	V

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

LTE Band 5B / 10MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	1663.2	-64.43	-13	-51.43	-76.08	-67.68	4.00	9.40	H
	2494.8	-58.85	-13	-45.85	-77.62	-62.42	4.88	10.60	H
	3326.4	-58.23	-13	-45.23	-79.20	-63.16	5.52	12.60	H
	1663.2	-63.89	-13	-50.89	-76.21	-67.14	4.00	9.40	V
	2494.8	-58.91	-13	-45.91	-77.94	-62.48	4.88	10.60	V
	3326.4	-57.89	-13	-44.89	-79.36	-62.82	5.52	12.60	V

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

LTE Band 66B / 10MHz + 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)
Middle	3510.1	-58.26	-13	-45.26	-80.59	-65.11	5.65	12.50	H
	5265.15	-57.13	-13	-44.13	-81.52	-62.80	7.13	12.80	H
	7020.2	-55.33	-13	-42.33	-81.15	-58.73	8.40	11.80	H
	3510.1	-57.25	-13	-44.25	-79.98	-64.10	5.65	12.50	V
	5265.15	-57.43	-13	-44.43	-81.7	-63.10	7.13	12.80	V
	7020.2	-55.37	-13	-42.37	-81.54	-58.77	8.40	11.80	V

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



LTE Band 66C / 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)
Middle	3510	-57.95	-13	-44.95	-80.28	-64.80	5.65	12.50	H
	5265	-57.02	-13	-44.02	-81.41	-62.69	7.13	12.80	H
	7020	-55.60	-13	-42.60	-81.42	-59.00	8.40	11.80	H
	3510	-57.53	-13	-44.53	-80.26	-64.38	5.65	12.50	V
	5265	-57.37	-13	-44.37	-81.64	-63.04	7.13	12.80	V
	7020	-55.27	-13	-42.27	-81.44	-58.67	8.40	11.80	V

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

———— THE END ————