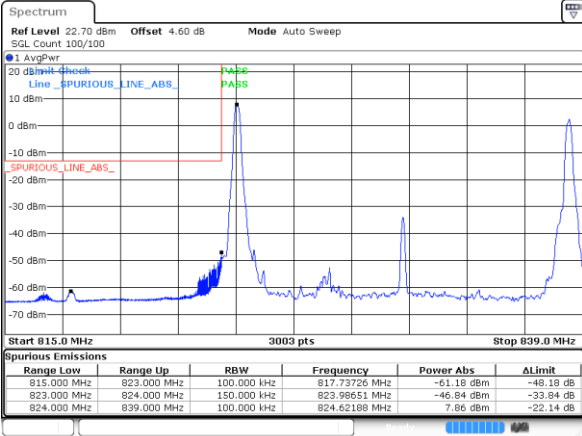




LTE Band 5B / 5MHz+10MHz

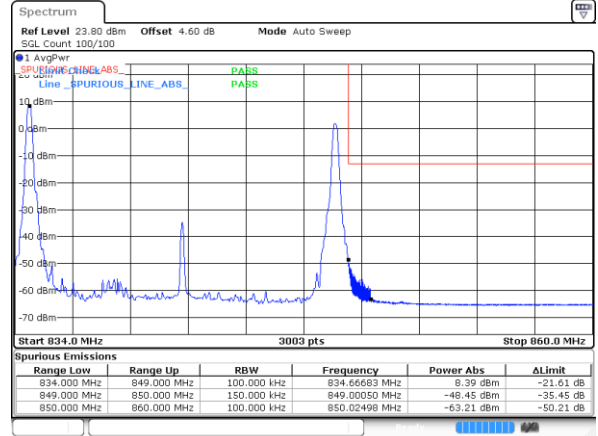
64QAM

Lowest Band Edge / 1RB0 and 1RB49



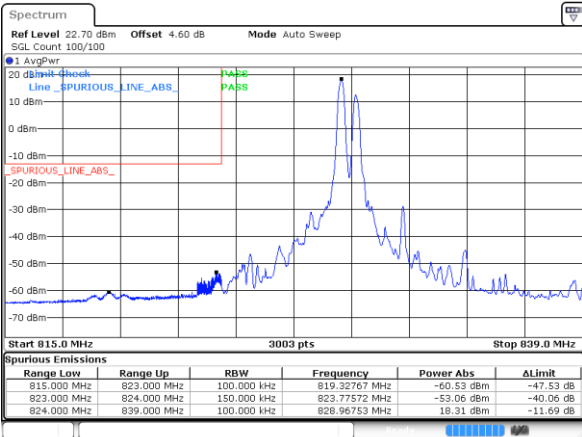
Date: 4 JUL 2020 15:56:50

Highest Band Edge / 1RB0 and 1RB49



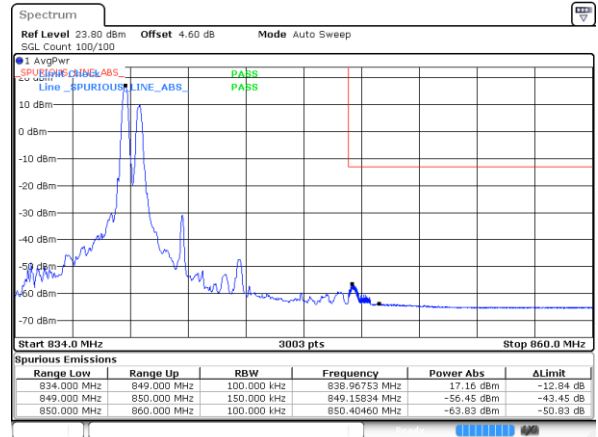
Date: 4 JUL 2020 15:43:31

Lowest Band Edge / 1RB24 and 1RB0



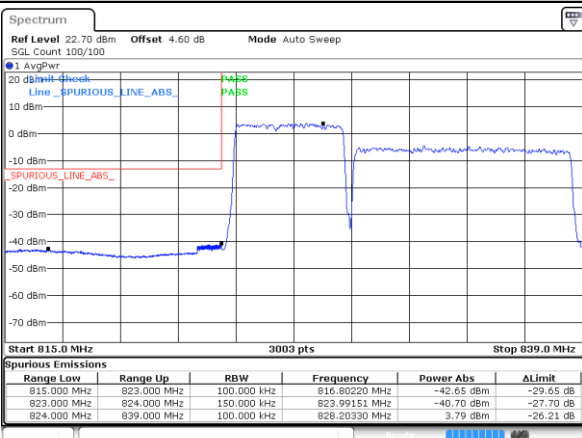
Date: 4 JUL 2020 15:59:29

Highest Band Edge / 1RB24 and 1RB0



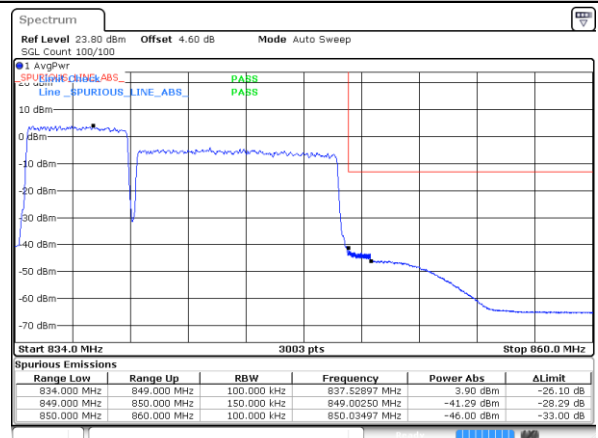
Date: 4 JUL 2020 15:48:15

Lowest Band Edge / Full RB



Date: 4 JUL 2020 15:54:21

Highest Band Edge / Full RB



Date: 4 JUL 2020 15:42:34

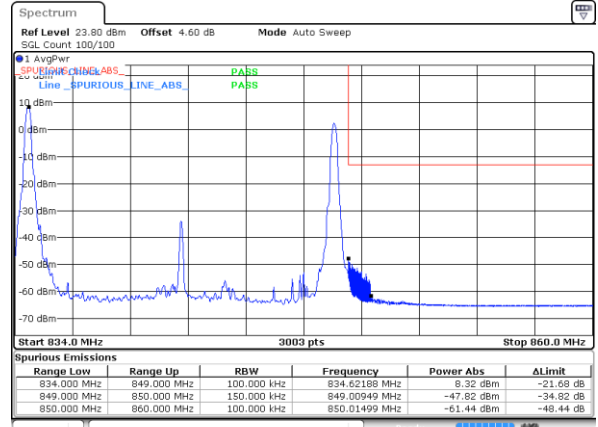
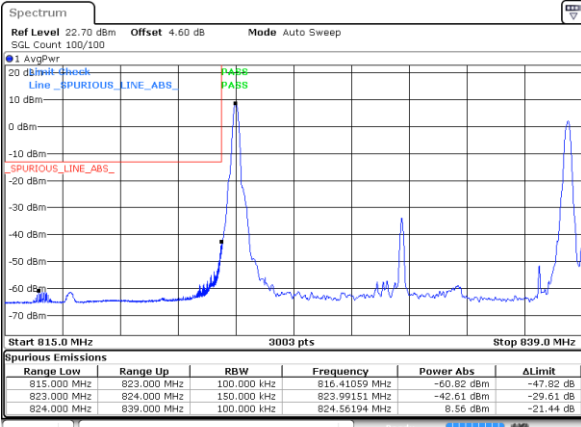


LTE Band 5B / 10MHz+5MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB24

Highest Band Edge / 1RB0 and 1RB24

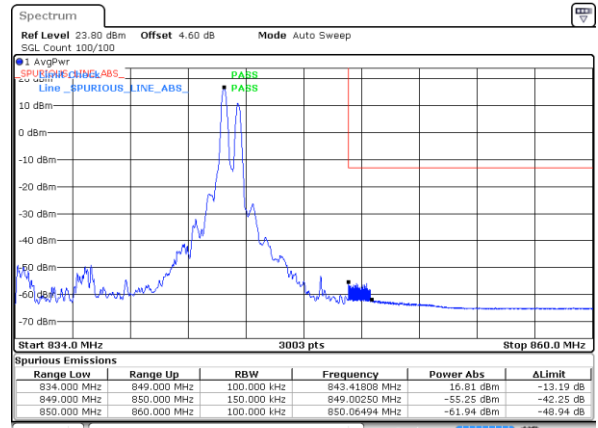
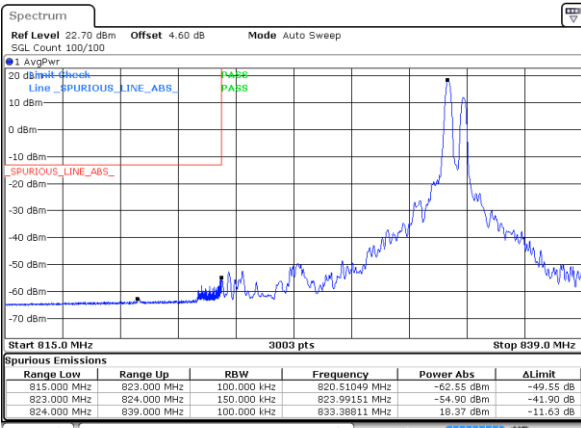


Date: 4 JUL 2020 16:29:18

Date: 4 JUL 2020 16:43:11

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

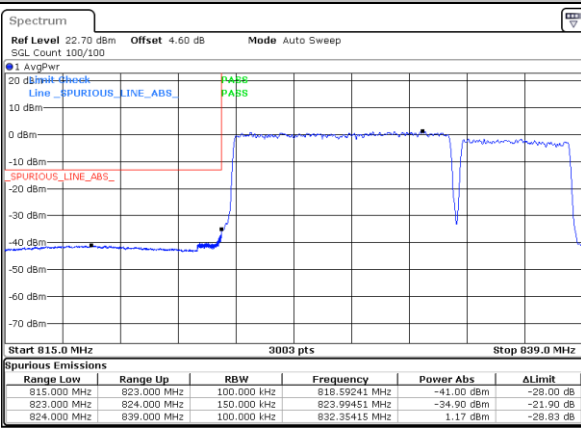


Date: 4 JUL 2020 16:33:25

Date: 4 JUL 2020 16:43:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JUL 2020 16:28:15

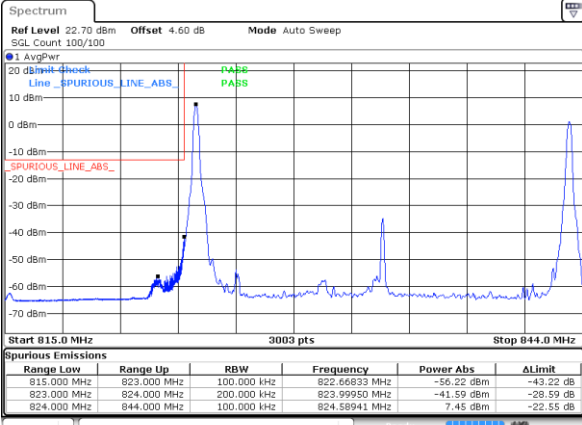
Date: 4 JUL 2020 16:38:24



LTE Band 5B / 10MHz+10MHz

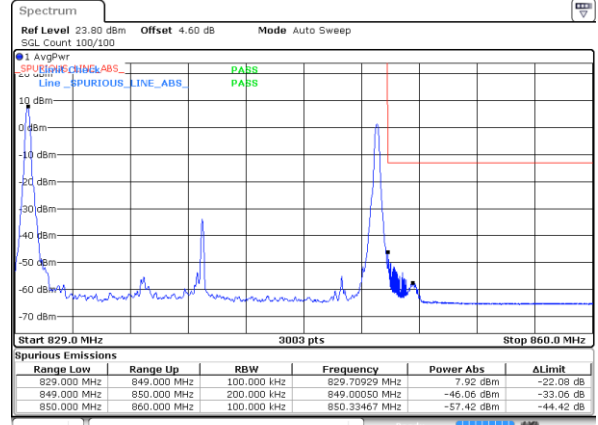
64QAM

Lowest Band Edge / 1RB0 and 1RB49



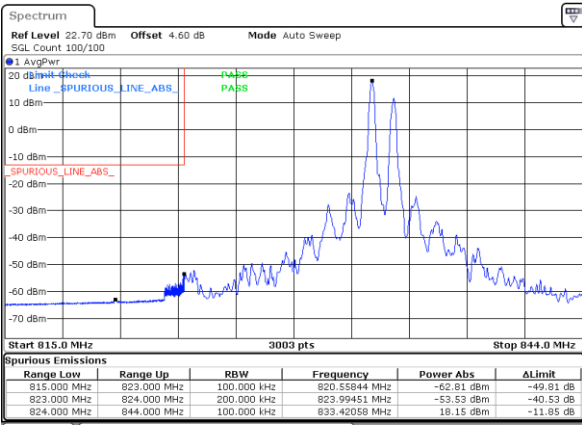
Date: 4 JUL 2020 17:07:46

Highest Band Edge / 1RB0 and 1RB49



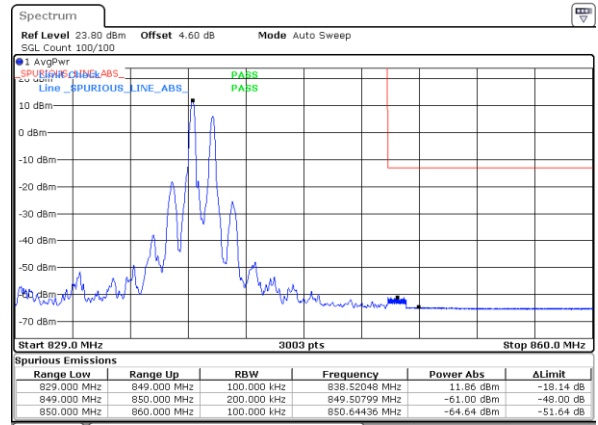
Date: 4 JUL 2020 17:25:14

Lowest Band Edge / 1RB49 and 1RB0



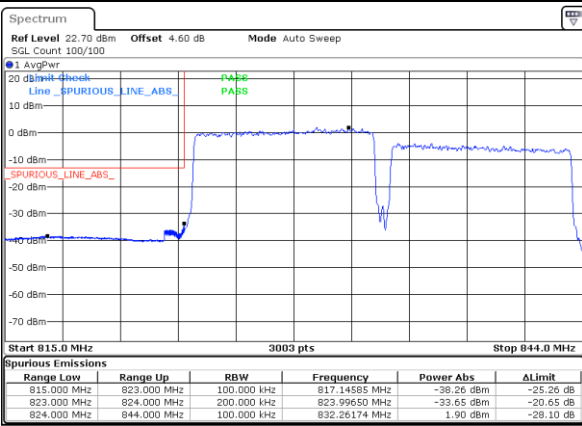
Date: 4 JUL 2020 17:11:41

Highest Band Edge / 1RB49 and 1RB0



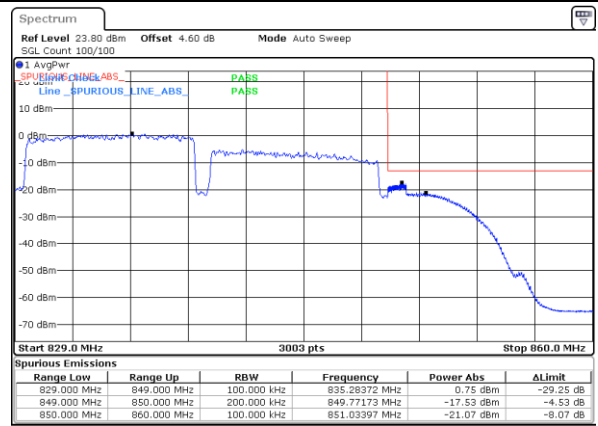
Date: 4 JUL 2020 17:25:58

Lowest Band Edge / Full RB



Date: 4 JUL 2020 17:06:29

Highest Band Edge / Full RB



Date: 4 JUL 2020 17:19:36

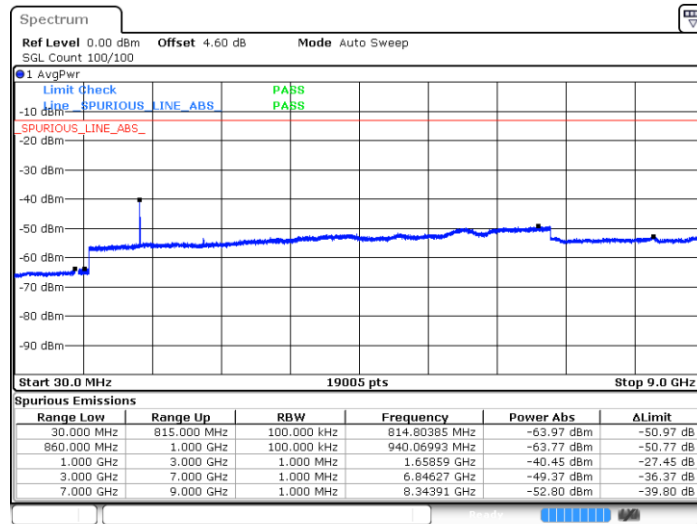


Conducted Spurious Emission

LTE Band 5B / 5MHz+10MHz

QPSK

Lowest Channel / 1RB24 and 1RB0



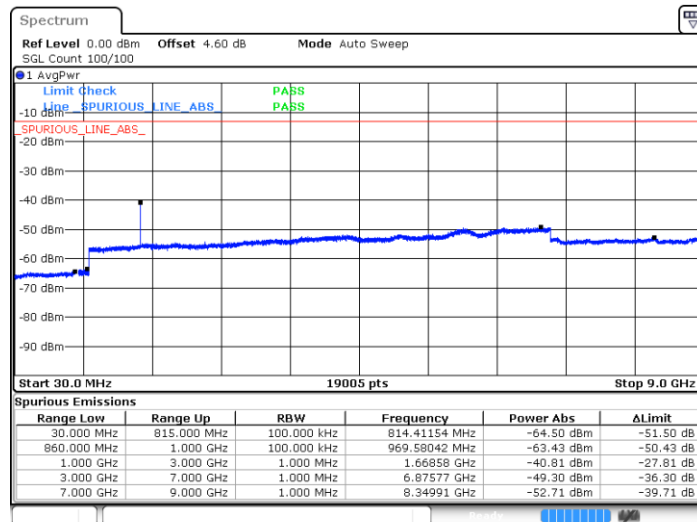
Date: 4 JUL 2020 16:01:43



LTE Band 5B / 5MHz+10MHz

QPSK

Middle Channel / 1RB24 and 1RB0

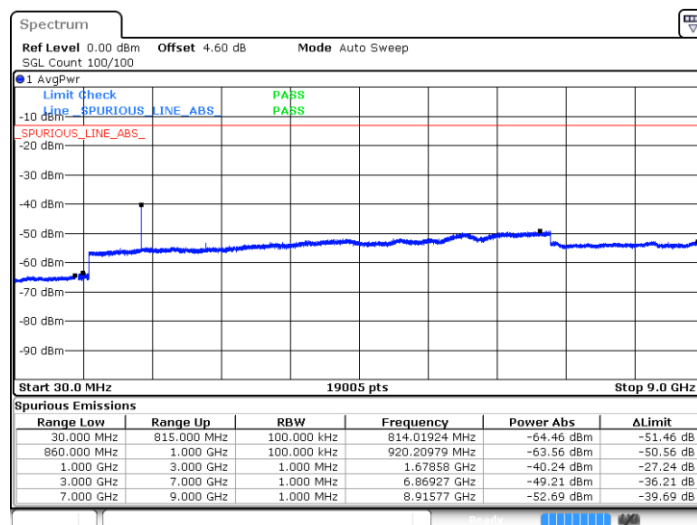


Date: 4 JUL 2020 15:50:27

LTE Band 5B / 5MHz+10MHz

QPSK

Highest Channel / 1RB24 and 1RB0



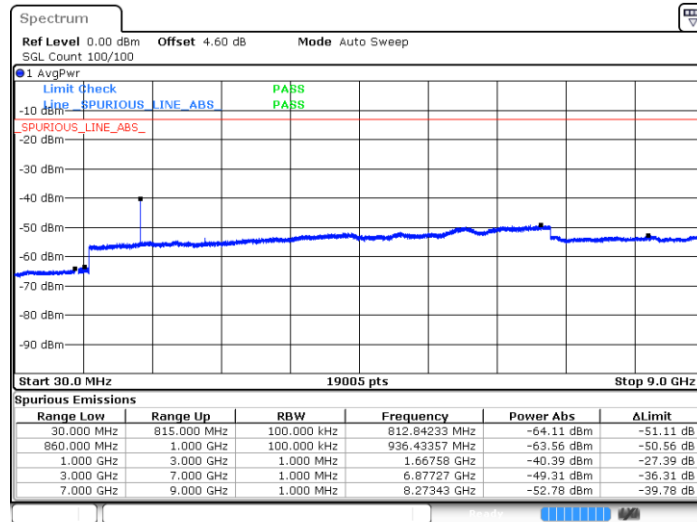
Date: 4 JUL 2020 15:46:26



LTE Band 5B / 10MHz+5MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

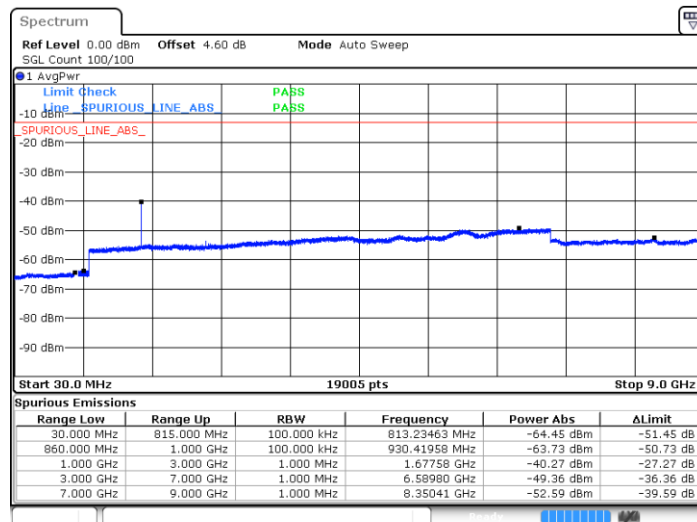


Date: 4 JUL 2020 16:31:43

LTE Band 5B / 10MHz+5MHz

QPSK

Middle Channel / 1RB49 and 1RB0



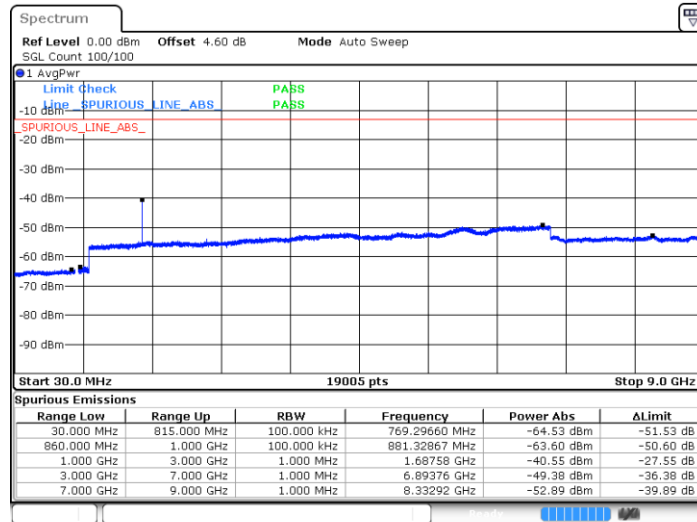
Date: 4 JUL 2020 16:35:45



LTE Band 5B / 10MHz+5MHz

QPSK

Highest Channel / 1RB49 and 1RB0

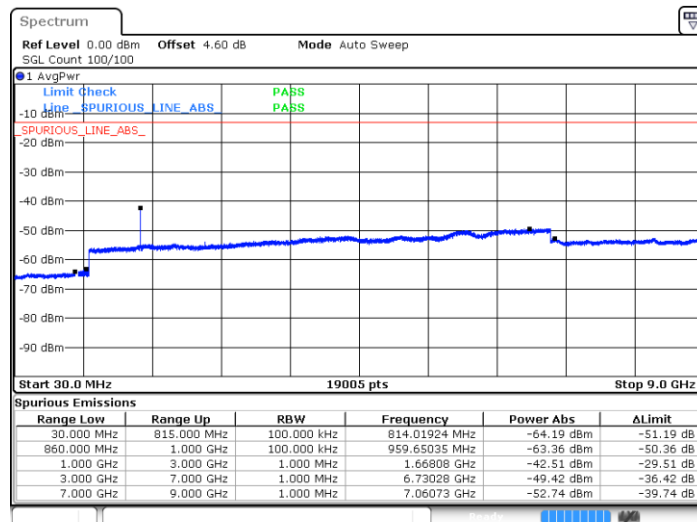


Date: 4 JUL 2020 16:59:00

LTE Band 5B / 10MHz+10MHz

QPSK

Lowest Channel / 1RB49 and 1RB0



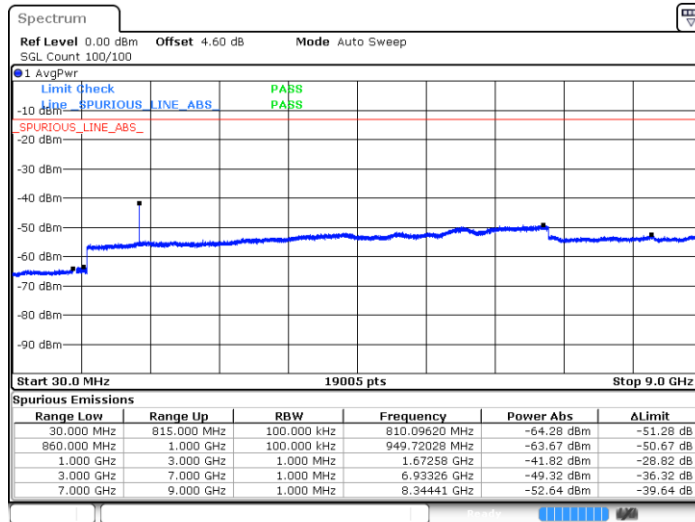
Date: 4 JUL 2020 17:10:00



LTE Band 5B / 10MHz+10MHz

QPSK

Middle Channel / 1RB49 and 1RB0



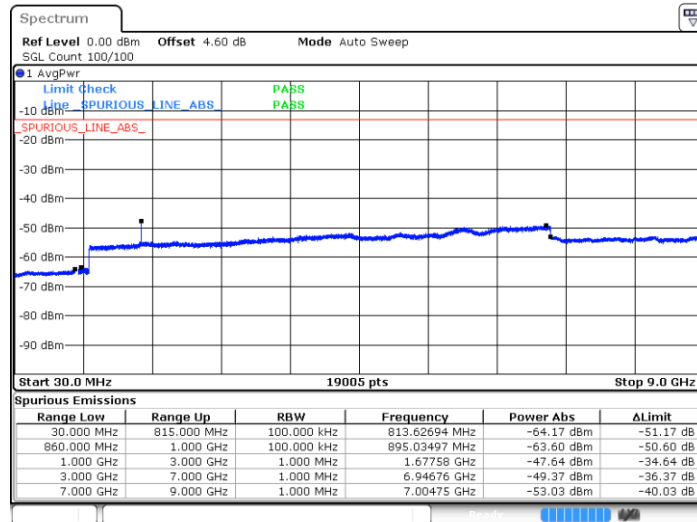
Date: 4 JUL 2020 17:14:00



LTE Band 5B / 10MHz+10MHz

QPSK

Highest Channel / 1RB49 and 1RB0

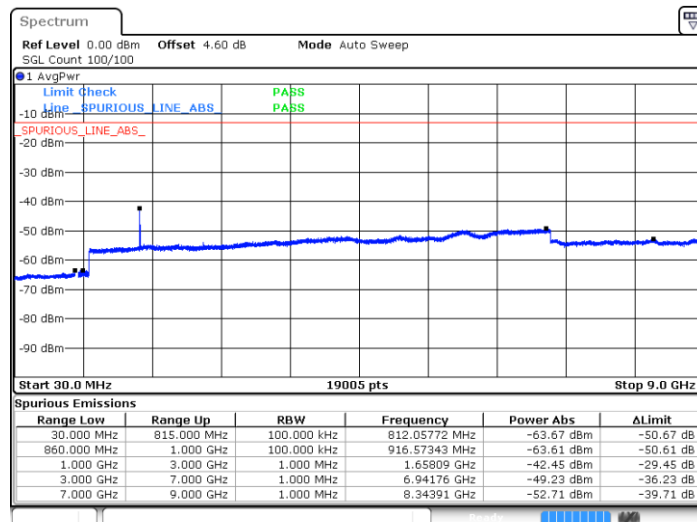


Date: 4 JUL 2020 17:28:29

LTE Band 5B / 5MHz+10MHz

16QAM

Lowest Channel / 1RB24 and 1RB0



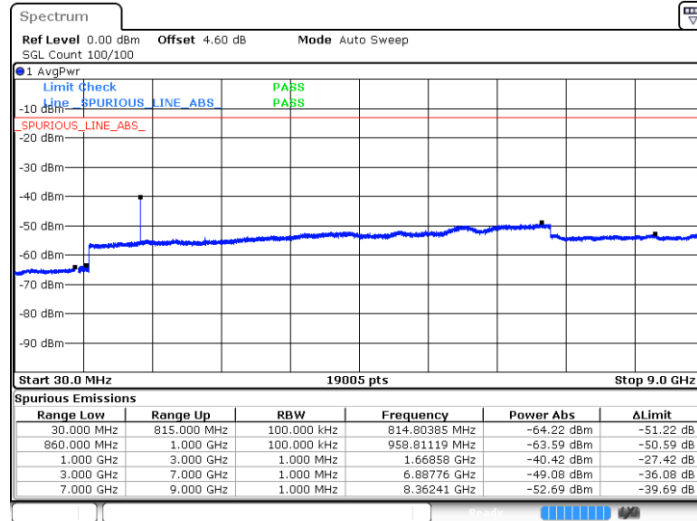
Date: 4 JUL 2020 16:00:47



LTE Band 5B / 5MHz+10MHz

16QAM

Middle Channel / 1RB24 and 1RB0

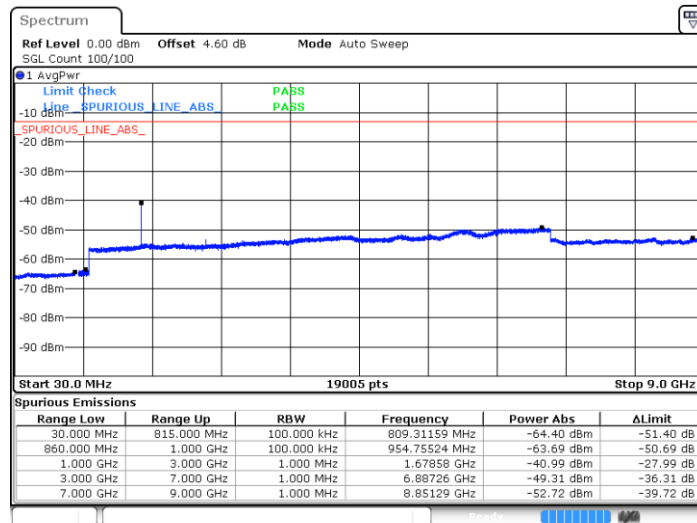


Date: 4 JUL 2020 15:49:54

LTE Band 5B / 5MHz+10MHz

16QAM

Highest Channel / 1RB24 and 1RB0



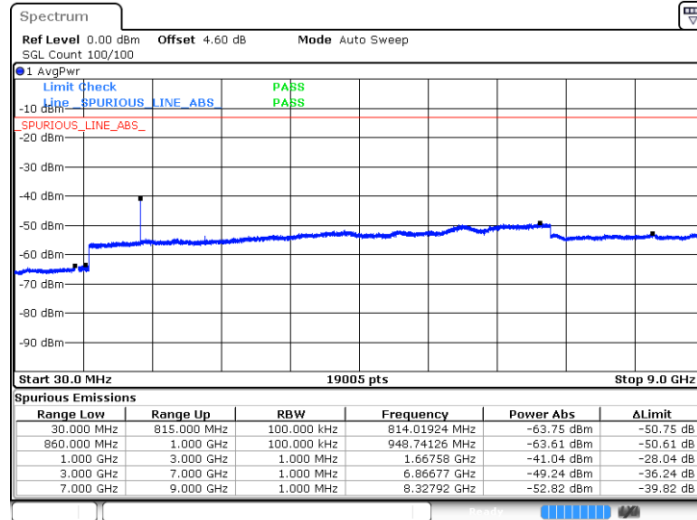
Date: 4 JUL 2020 15:47:29



LTE Band 5B / 10MHz+5MHz

16QAM

Lowest Channel / 1RB49 and 1RB0

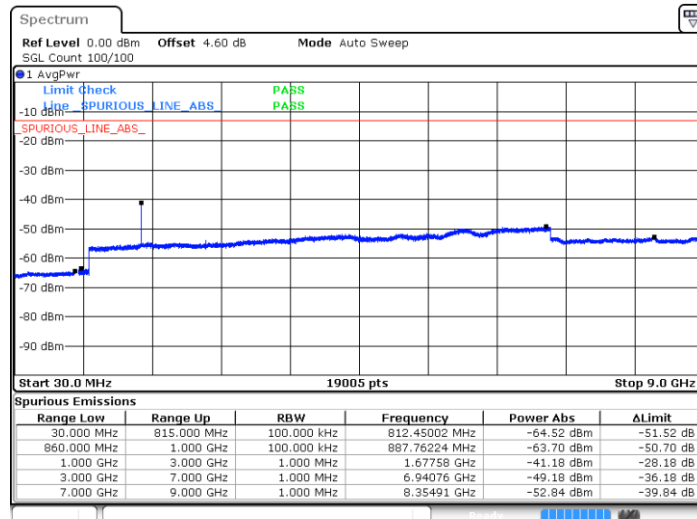


Date: 4 JUL 2020 16:32:44

LTE Band 5B / 10MHz+5MHz

16QAM

Middle Channel / 1RB49 and 1RB0



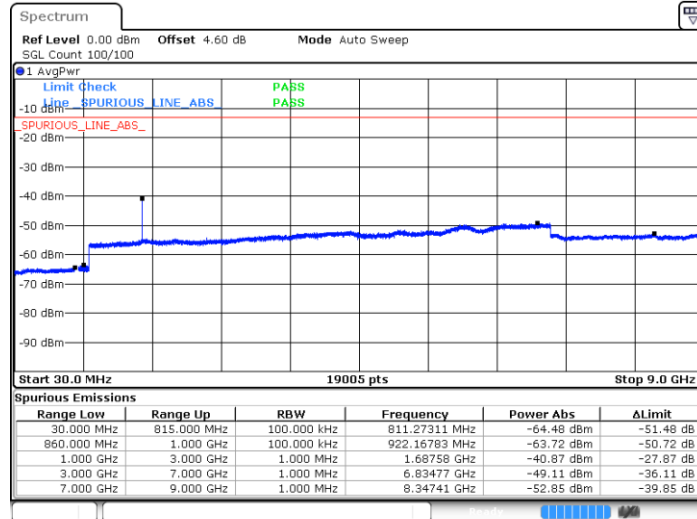
Date: 4 JUL 2020 16:35:09



LTE Band 5B / 10MHz+5MHz

16QAM

Highest Channel / 1RB49 and 1RB0

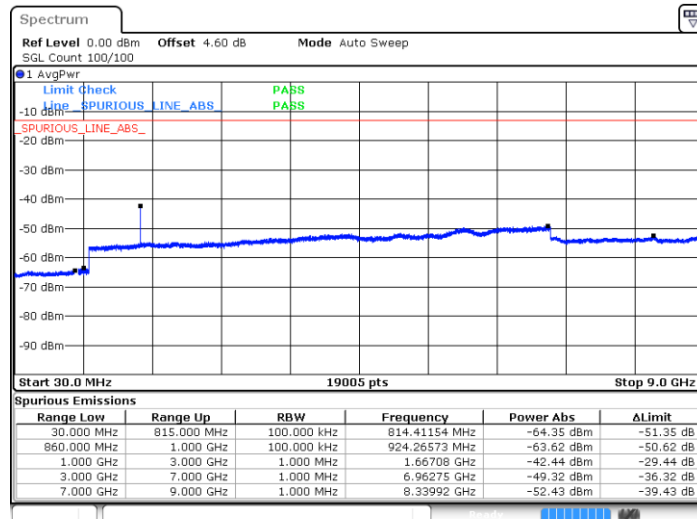


Date: 4 JUL 2020 16:57:55

LTE Band 5B / 10MHz+10MHz

16QAM

Lowest Channel / 1RB49 and 1RB0



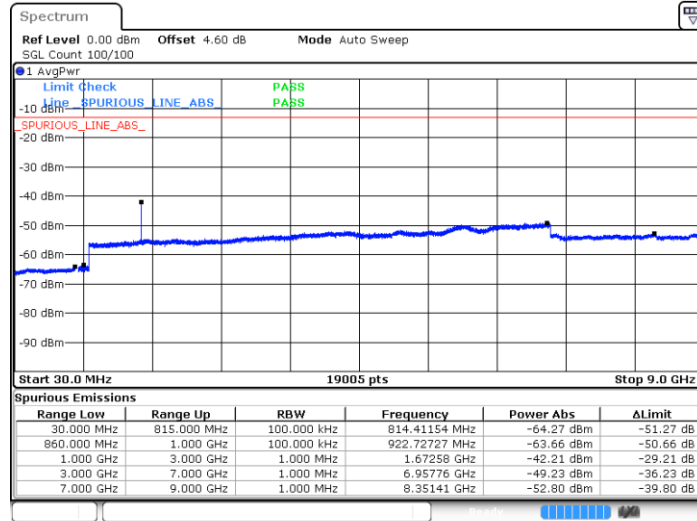
Date: 4 JUL 2020 17:11:01



LTE Band 5B / 10MHz+10MHz

16QAM

Middle Channel / 1RB49 and 1RB0

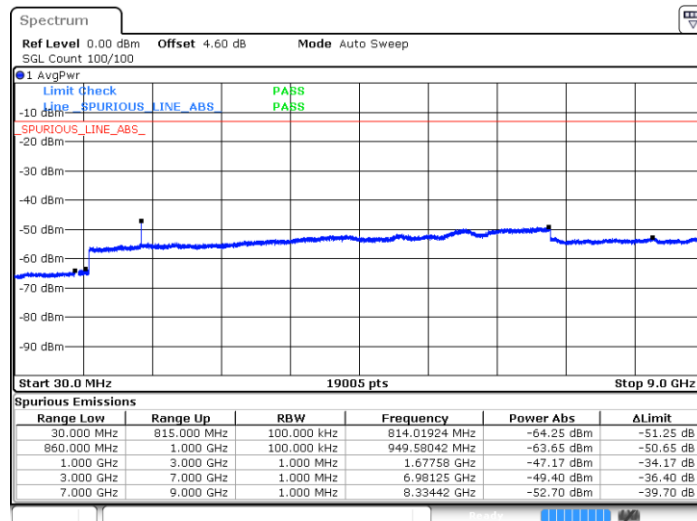


Date: 4 JUL 2020 17:13:28

LTE Band 5B / 10MHz+10MHz

16QAM

Highest Channel / 1RB49 and 1RB0



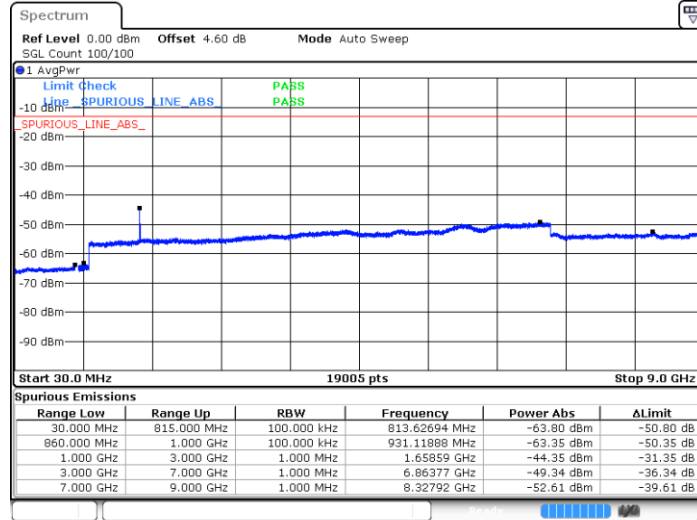
Date: 4 JUL 2020 17:27:23



LTE Band 5B / 5MHz+10MHz

64QAM

Lowest Channel / 1RB24 and 1RB0

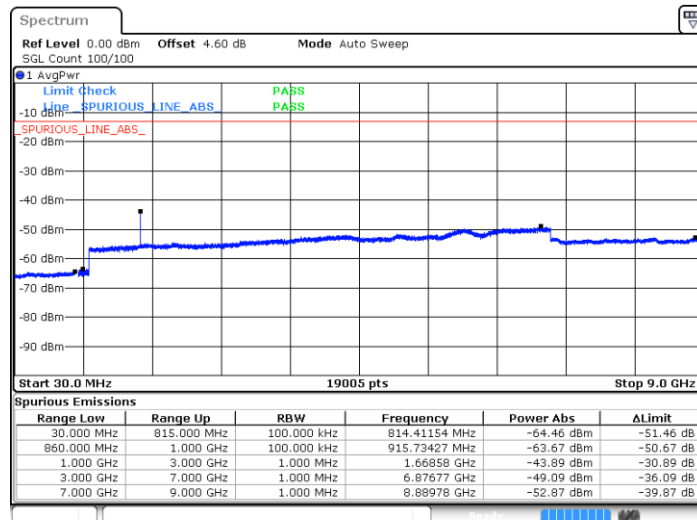


Date: 4 JUL 2020 15:59:49

LTE Band 5B / 5MHz+10MHz

64QAM

Middle Channel / 1RB24 and 1RB0



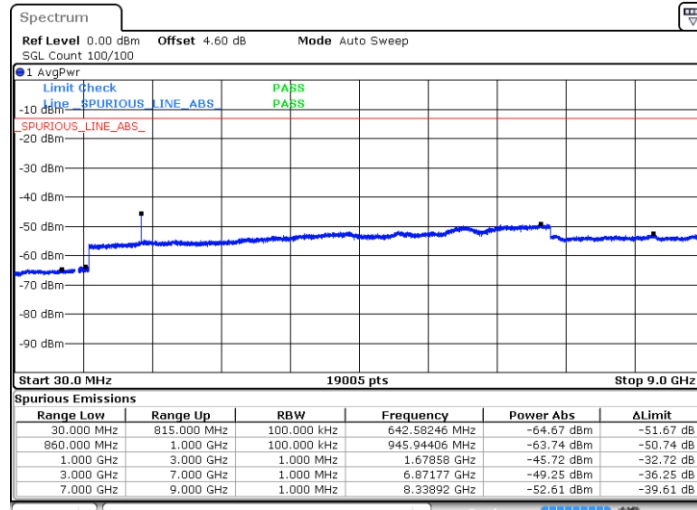
Date: 4 JUL 2020 15:49:23



LTE Band 5B / 5MHz+10MHz

64QAM

Highest Channel / 1RB24 and 1RB0

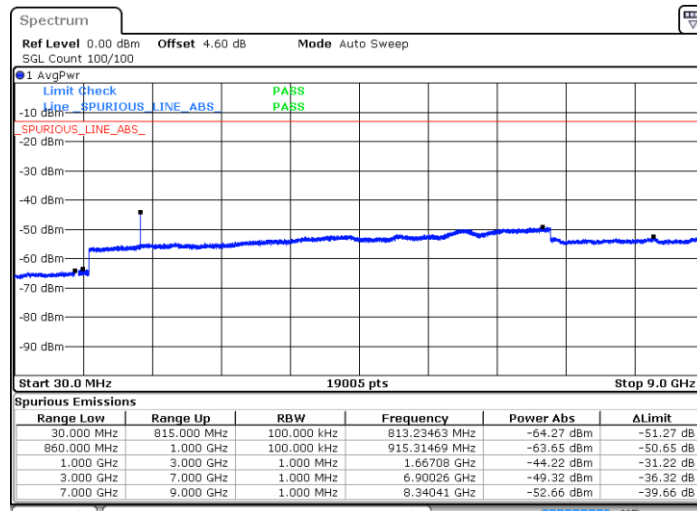


Date: 4 JUL 2020 15:48:37

LTE Band 5B / 10MHz+5MHz

64QAM

Lowest Channel / 1RB49 and 1RB0



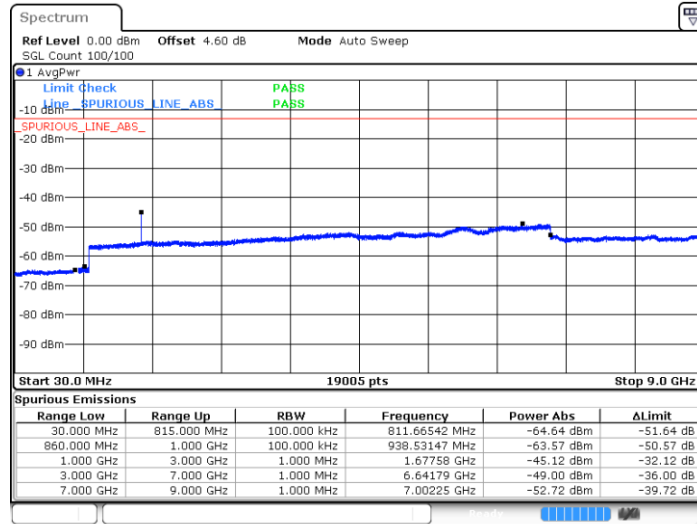
Date: 4 JUL 2020 16:33:45



LTE Band 5B / 10MHz+5MHz

64QAM

Middle Channel / 1RB49 and 1RB0

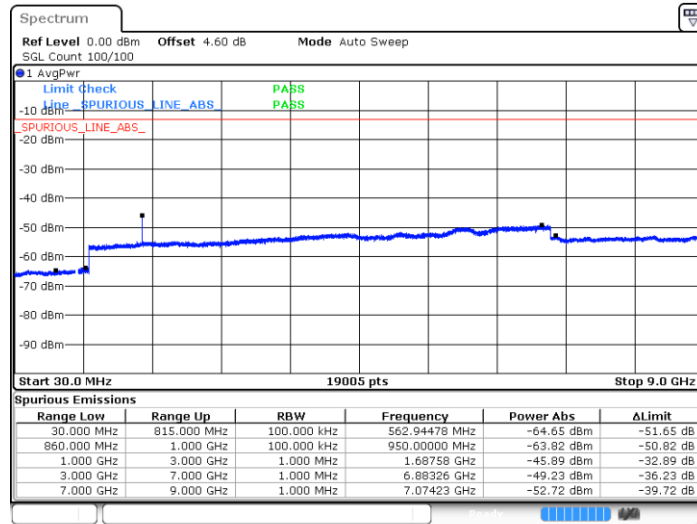


Date: 4 JUL 2020 16:34:36

LTE Band 5B / 10MHz+5MHz

64QAM

Highest Channel / 1RB49 and 1RB0



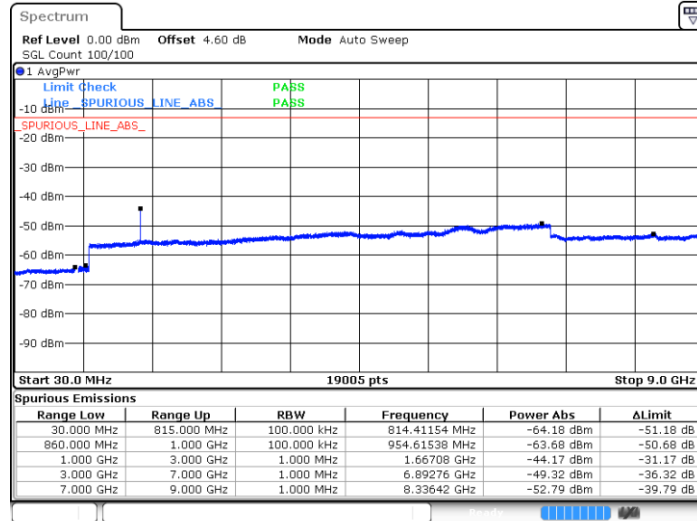
Date: 4 JUL 2020 16:44:21



LTE Band 5B / 10MHz+10MHz

64QAM

Lowest Channel / 1RB49 and 1RB0

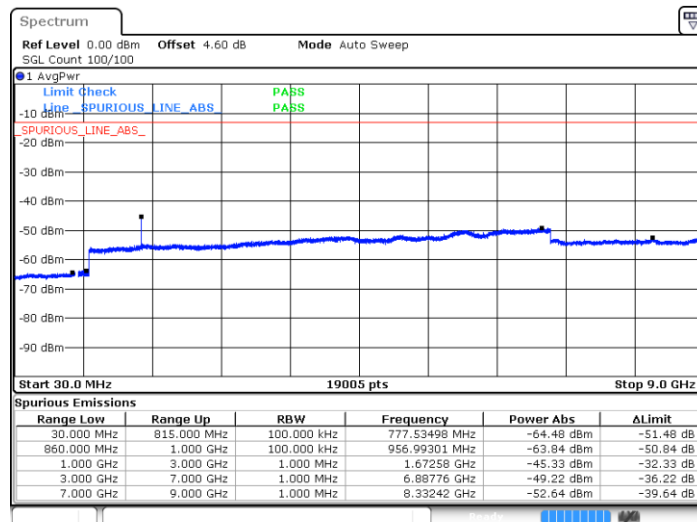


Date: 4.JUL.2020 17:12:02

LTE Band 5B / 10MHz+10MHz

64QAM

Middle Channel / 1RB49 and 1RB0



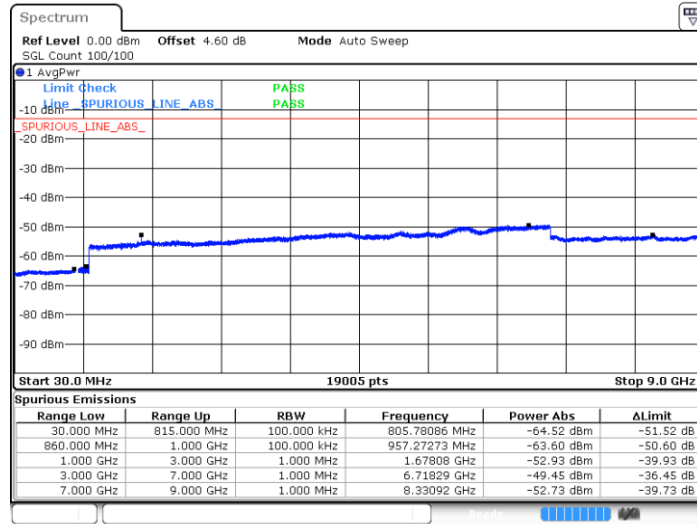
Date: 4.JUL.2020 17:12:55



LTE Band 5B / 10MHz+10MHz

64QAM

Highest Channel / 1RB49 and 1RB0



Date: 4 JUL 2020 17:26:20



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 20MHz / 16QAM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-50.50	-13	-37.50	-62.76	2.64	14.90	H
	5613	-44.31	-13	-31.31	-56.17	2.94	14.80	H
	7488	-41.77	-13	-28.77	-51.54	3.39	13.16	H
	3741	-50.34	-13	-37.34	-62.60	2.64	14.90	V
	5613	-44.82	-13	-31.82	-56.68	2.94	14.80	V
	7488	-42.25	-13	-29.25	-52.02	3.39	13.16	V

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

LTE Band 5 / 10MHz / 64QAM								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-61.54	-13	-48.54	-71.65	2.64	14.90	H
	2496	-54.72	-13	-41.72	-64.43	2.94	14.80	H
	3330	-55.14	-13	-42.14	-62.76	3.39	13.16	H
	1664	-60.13	-13	-47.13	-70.24	2.64	14.90	V
	2496	-54.84	-13	-41.84	-64.55	2.94	14.80	V
	3330	-55.31	-13	-42.31	-62.93	3.39	13.16	V

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



LTE Band 12 / 10MHz / 16QAM								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-62.43	-13	-49.43	-69.40	1.58	10.70	H
	2110	-54.94	-13	-41.94	-63.19	2.102	12.50	H
	2812	-56.13	-13	-43.13	-65.02	2.856	13.90	H
	3516	-54.69	-13	-41.69	-63.15	2.689	13.30	H
	1406	-64.10	-13	-51.10	-71.07	1.58	10.70	V
	2110	-55.62	-13	-42.62	-63.87	2.10	12.50	V
	2812	-56.17	-13	-43.17	-65.06	2.86	13.90	V
3516	-54.54	-13	-41.54	-63.00	2.69	13.30	V	

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

LTE Band 13 / 5MHz / 64QAM								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-62.76	-42.15	-18.46	-72.87	2.64	14.90	H
	2340	-56.42	-13	-43.42	-66.13	2.94	14.80	H
	3120	-55.75	-13	-42.75	-63.37	3.39	13.16	H
	1560	-63.20	-42.15	-18.90	-73.31	2.64	14.90	V
	2340	-55.82	-13	-42.82	-65.53	2.94	14.80	V
	3120	-56.00	-13	-43.00	-63.62	3.39	13.16	V

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

LTE Band 13 / 10MHz / 64QAM								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1556	-59.69	-13	-46.69	-69.8	2.64	14.90	H
	2332	-55.91	-13	-42.91	-65.62	2.94	14.80	H
	3108	-55.61	-13	-42.61	-63.23	3.39	13.16	H
	1556	-62.63	-13	-49.63	-72.74	2.64	14.90	V
	2332	-54.78	-13	-41.78	-64.49	2.94	14.80	V
	3108	-55.69	-13	-42.69	-63.31	3.39	13.16	V

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



LTE Band 66 / 20MHz / 16QAM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-52.32	-13	-39.32	-64.58	2.64	14.90	H
	5208	-45.79	-13	-32.79	-57.65	2.94	14.80	H
	6948	-43.28	-13	-30.28	-53.05	3.39	13.16	H
	3471	-52.77	-13	-39.77	-65.03	2.64	14.90	V
	5208	-45.89	-13	-32.89	-57.75	2.94	14.80	V
	6948	-43.40	-13	-30.40	-53.17	3.39	13.16	V

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

LTE Band 5B_CA / 10MHz + 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1654	-66.42	-13	-53.42	-76.53	2.64	14.90	H
	2482	-63.62	-13	-50.62	-73.33	2.94	14.80	H
	3306	-63.07	-13	-50.07	-70.69	3.39	13.16	H
	1654	-65.41	-13	-52.41	-75.52	2.64	14.90	V
	2482	-63.27	-13	-50.27	-72.98	2.94	14.80	V
	3306	-62.57	-13	-49.57	-70.19	3.39	13.16	V

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