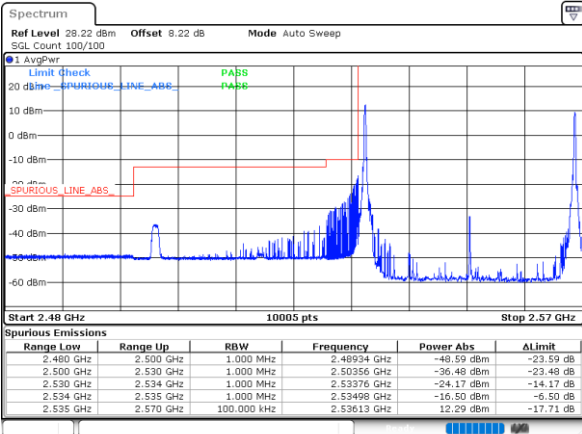




LTE Band 41C / 20MHz+15MHz

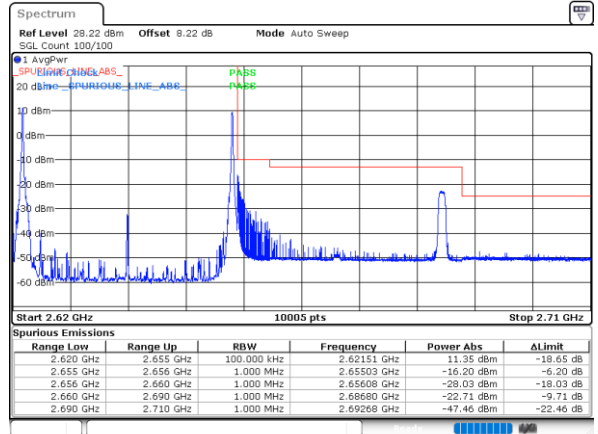
64QAM

Lowest Band Edge / 1RB0 and 1RB74



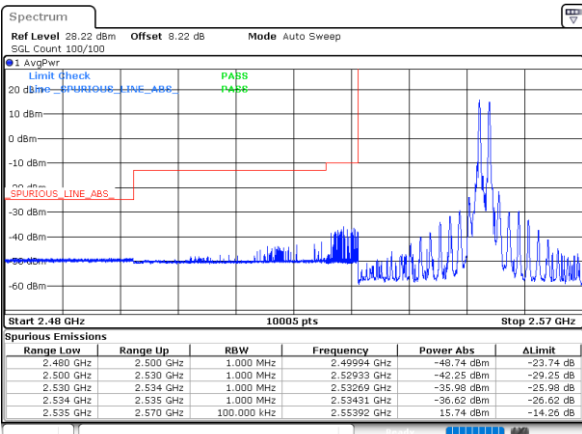
Date: 14, DEC, 2021 20:47:20

Highest Band Edge / 1RB0 and 1RB74



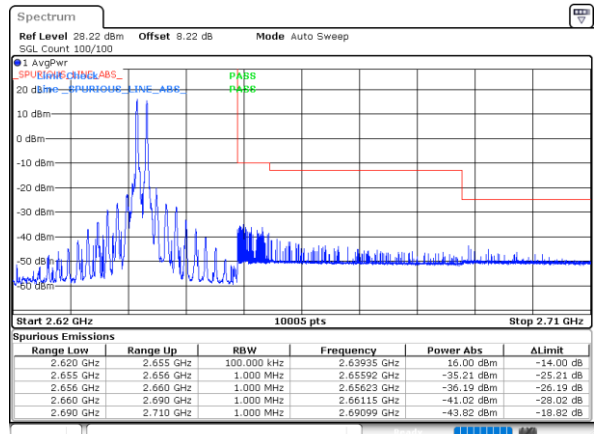
Date: 14, DEC, 2021 20:53:43

Lowest Band Edge / 1RB99and 1RB0



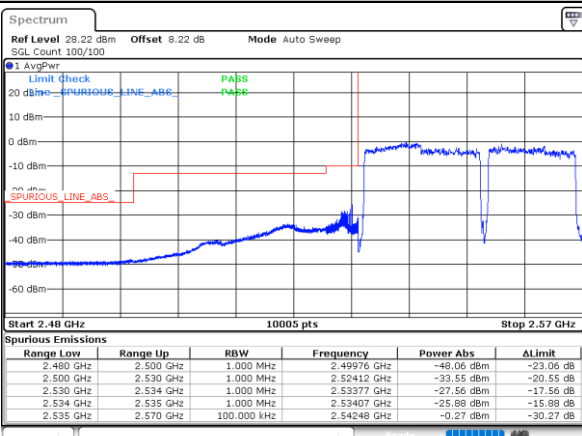
Date: 14, DEC, 2021 20:49:08

Highest Band Edge / 1RB99 and 1RB0



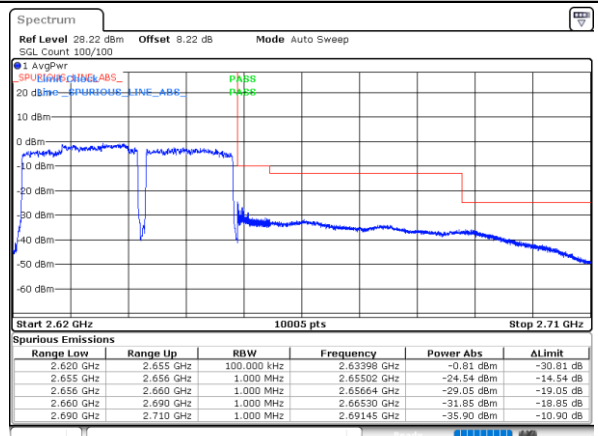
Date: 14, DEC, 2021 20:55:47

Lowest Band Edge / Full RB



Date: 14, DEC, 2021 20:45:29

Highest Band Edge / Full RB



Date: 14, DEC, 2021 20:51:30

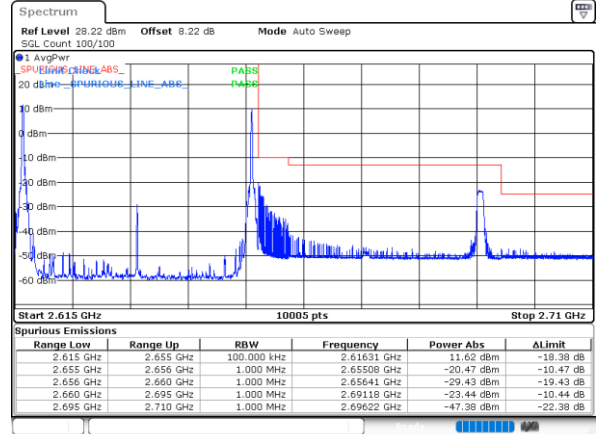
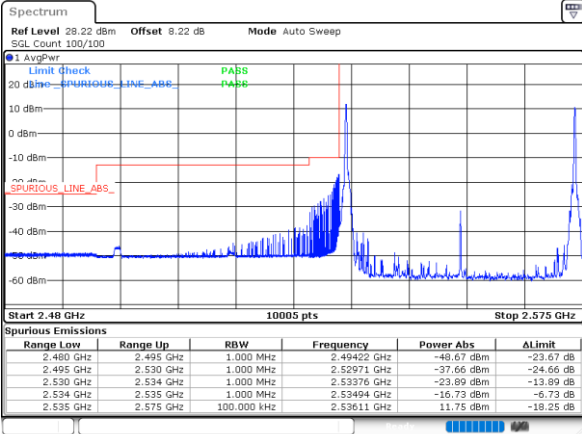


LTE Band 41C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

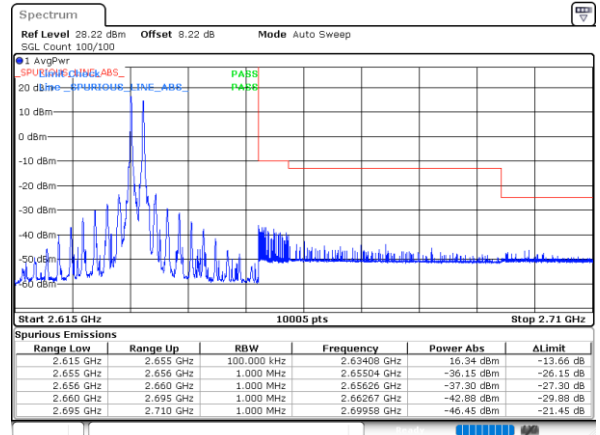
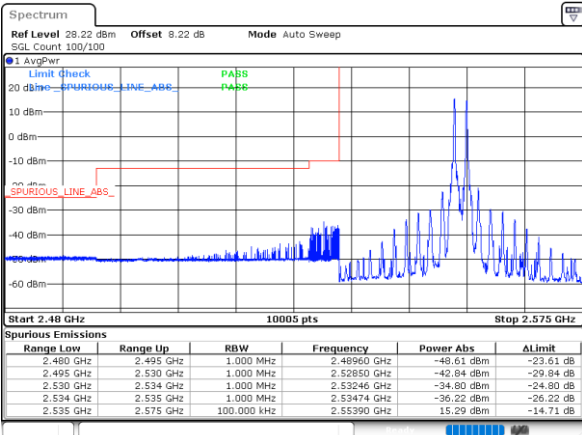


Date: 14, DEC, 2021 20:59:34

Date: 14, DEC, 2021 21:05:58

Lowest Band Edge / 1RB74and 1RB0

Highest Band Edge / 1RB74 and 1RB0

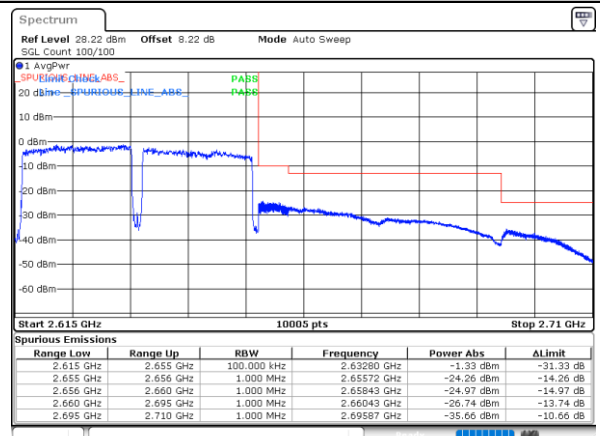
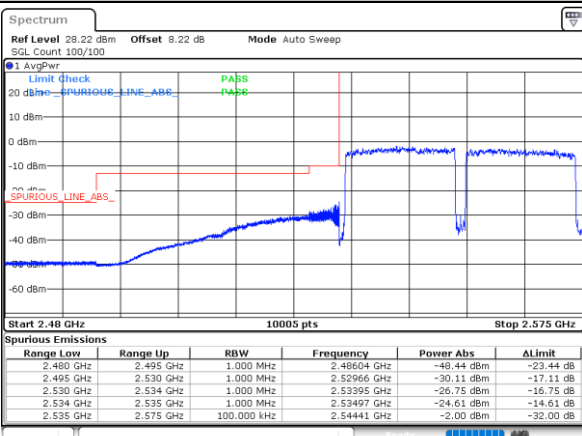


Date: 14, DEC, 2021 21:01:25

Date: 14, DEC, 2021 21:07:53

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 14, DEC, 2021 20:57:44

Date: 14, DEC, 2021 21:04:06



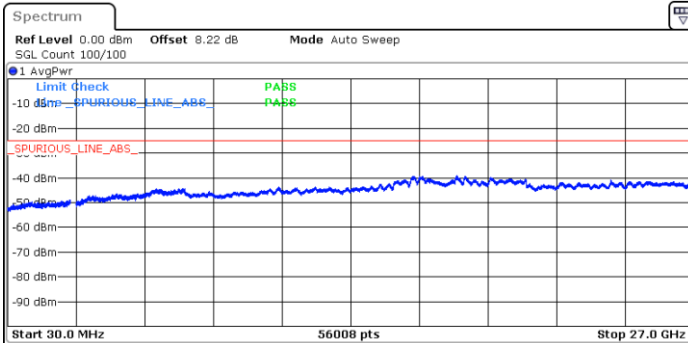
Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

QPSK

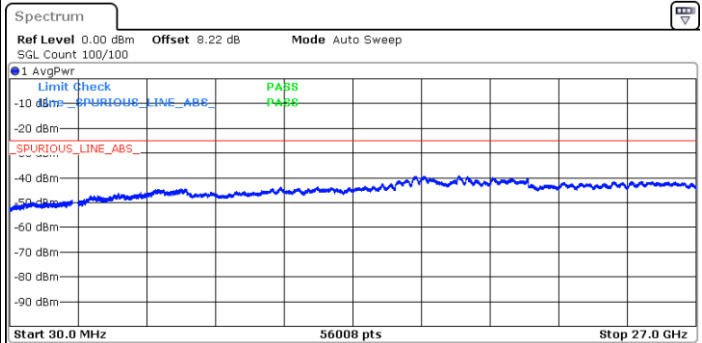
Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.33683 MHz	-49.60 dBm	-24.60 dB
1.000 GHz	2.480 GHz	1.000 MHz	2.47686 GHz	-49.06 dBm	-24.06 dB
2.710 GHz	3.000 GHz	1.000 MHz	2.95993 GHz	-48.64 dBm	-23.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89026 GHz	-44.26 dBm	-19.26 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97425 GHz	-45.35 dBm	-20.35 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99275 GHz	-43.62 dBm	-18.62 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66829 GHz	-39.13 dBm	-14.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01225 GHz	-39.49 dBm	-14.49 dB

Date: 14.DEC.2021 21:10:45

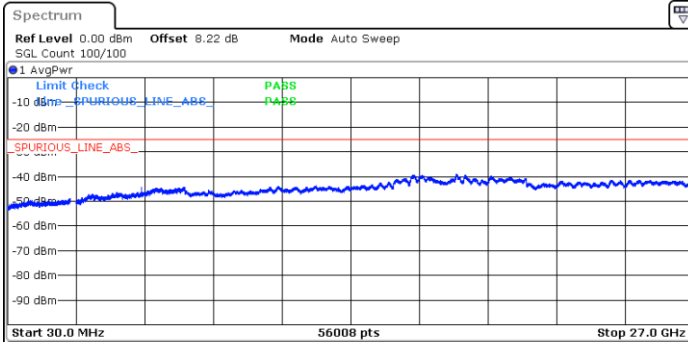


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.00150 MHz	-49.86 dBm	-24.86 dB
1.000 GHz	2.480 GHz	1.000 MHz	2.47908 GHz	-49.05 dBm	-24.05 dB
2.710 GHz	3.000 GHz	1.000 MHz	2.96109 GHz	-48.46 dBm	-23.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92176 GHz	-44.48 dBm	-19.48 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94726 GHz	-45.22 dBm	-20.22 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99525 GHz	-43.42 dBm	-18.42 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.67029 GHz	-39.05 dBm	-14.05 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00825 GHz	-39.36 dBm	-14.36 dB

Date: 14.DEC.2021 21:13:15

Highest Channel / 1RB24 and 1RB0

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-49.79 dBm	-24.79 dB
1.000 GHz	2.480 GHz	1.000 MHz	2.47760 GHz	-48.92 dBm	-23.92 dB
2.710 GHz	3.000 GHz	1.000 MHz	2.95674 GHz	-48.66 dBm	-23.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.27197 GHz	-44.29 dBm	-19.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96276 GHz	-45.22 dBm	-20.22 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98575 GHz	-43.66 dBm	-18.66 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66929 GHz	-39.13 dBm	-14.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01825 GHz	-39.39 dBm	-14.39 dB

Date: 14.DEC.2021 21:14:50

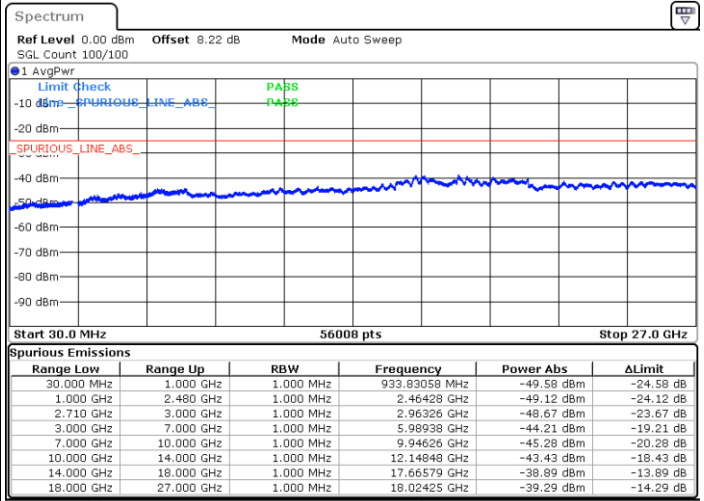
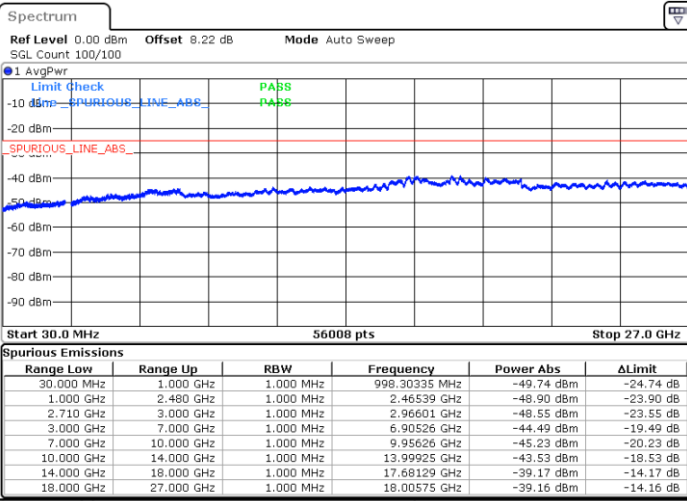


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

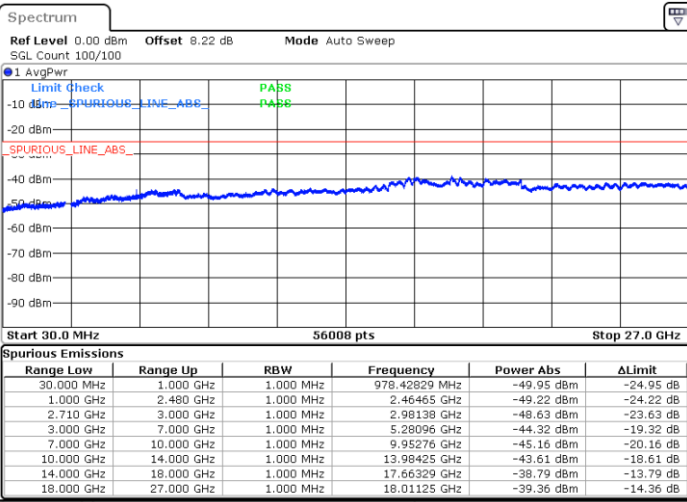


Date: 14.DEC.2021 21:32:25

Date: 14.DEC.2021 21:34:00

Highest Channel / 1RB49and 1RB0

N/A



Date: 14.DEC.2021 21:35:36

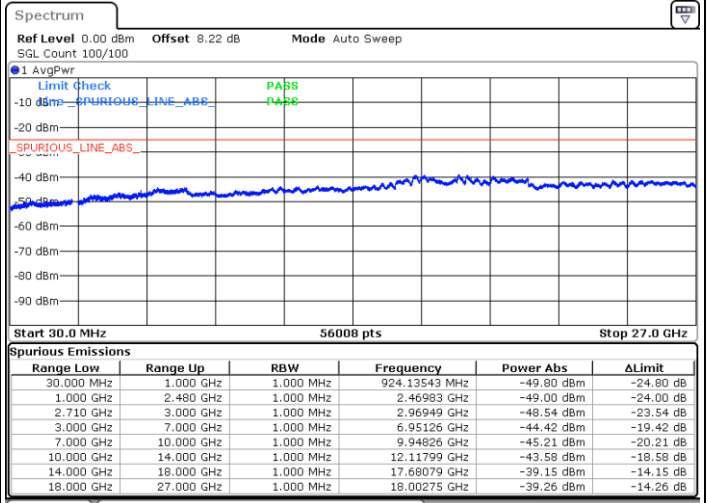
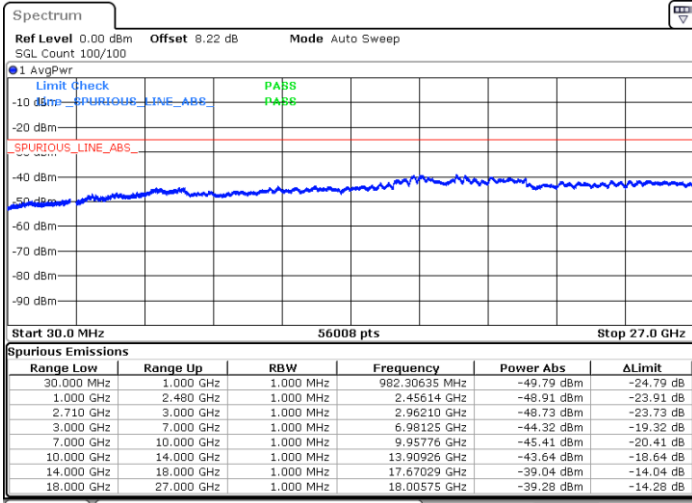


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

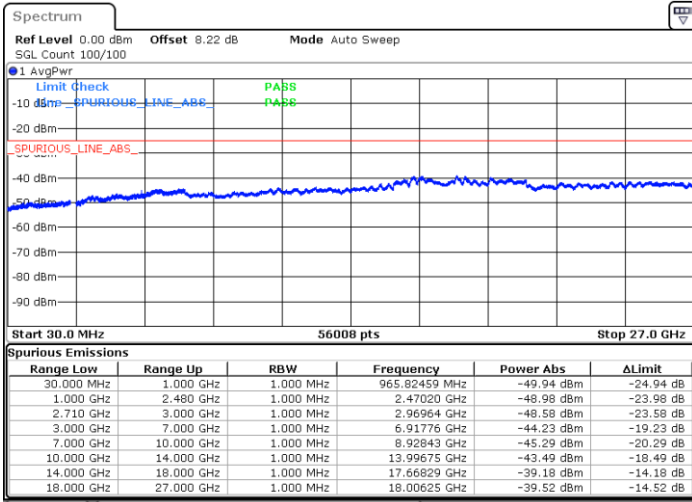


Date: 14.DEC.2021 21:37:12

Date: 14.DEC.2021 21:38:48

Highest Channel / 1RB49and 1RB0

N/A



Date: 14.DEC.2021 21:40:24

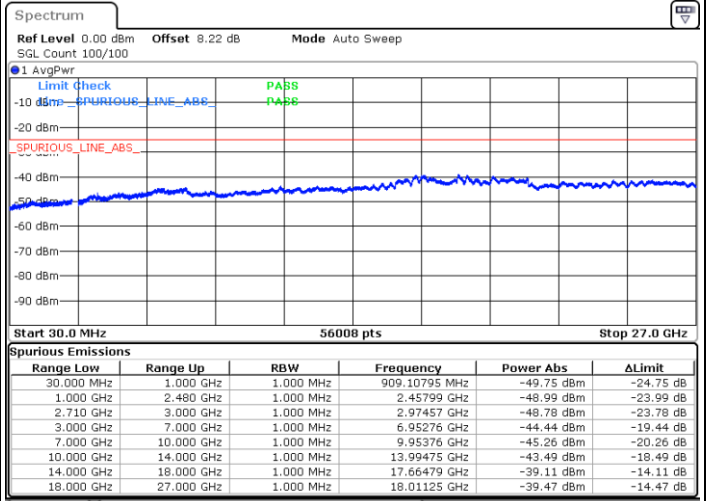
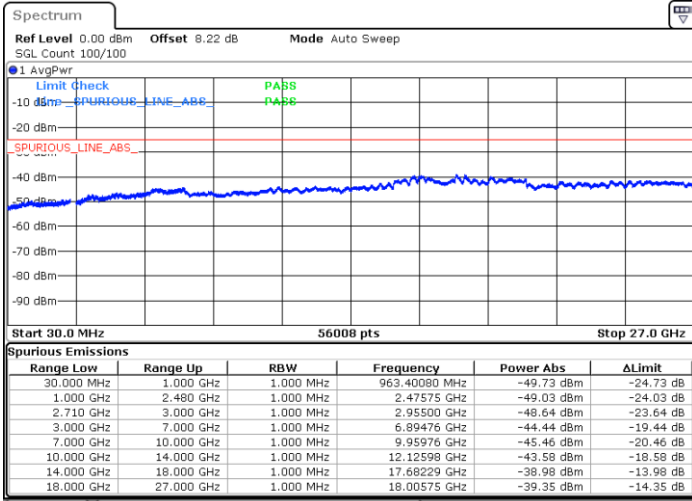


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel /1RB74 and 1RB0

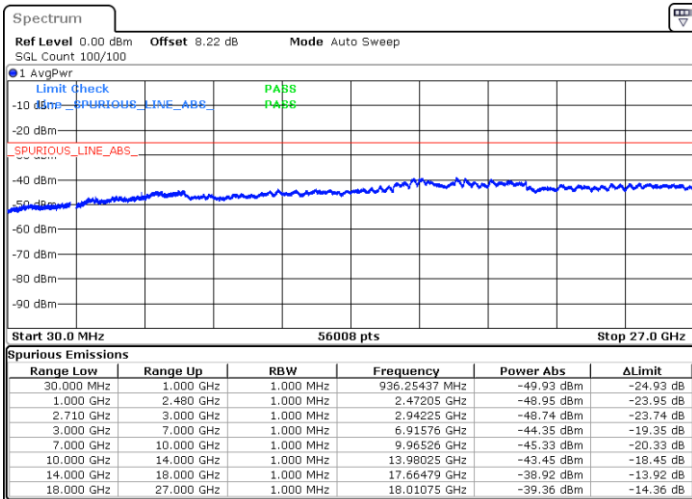


Date: 14.DEC.2021 21:42:00

Date: 14.DEC.2021 21:43:37

Highest Channel 1RB74 and 1RB0

N/A



Date: 14.DEC.2021 21:45:13

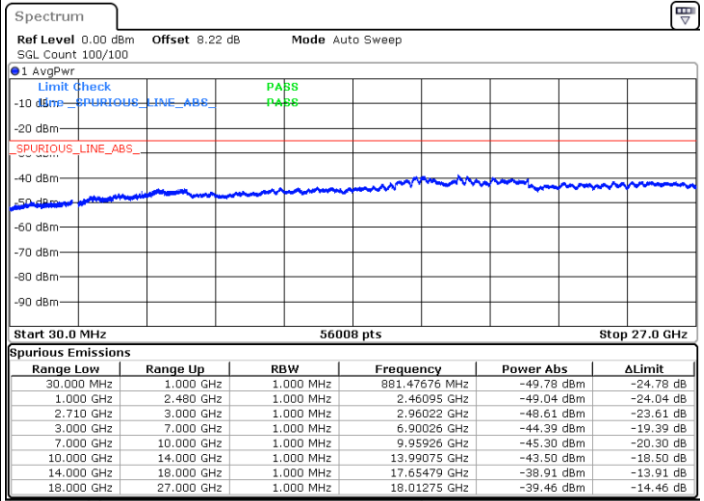
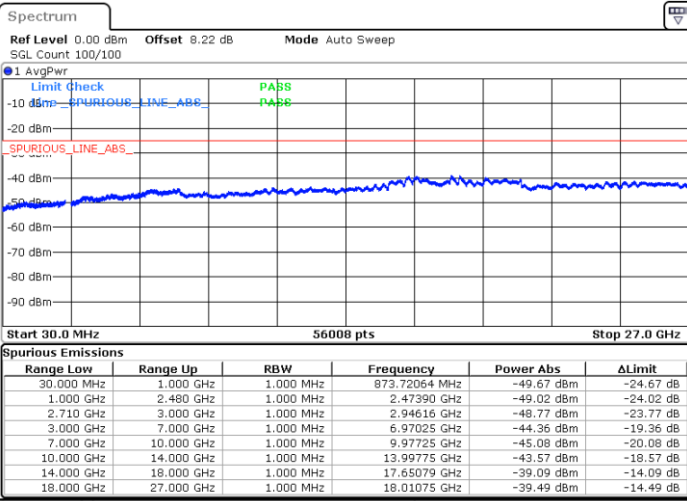


LTE Band 41C / 15MHz+15MHz

QPSK

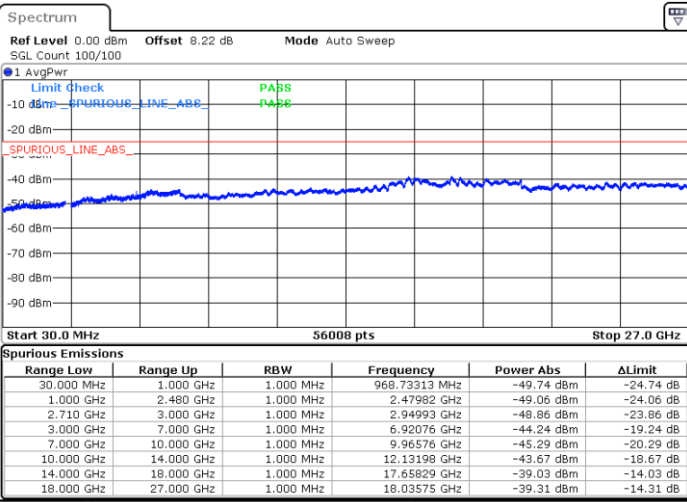
Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



Highest Channel / 1RB74and 1RB0

N/A



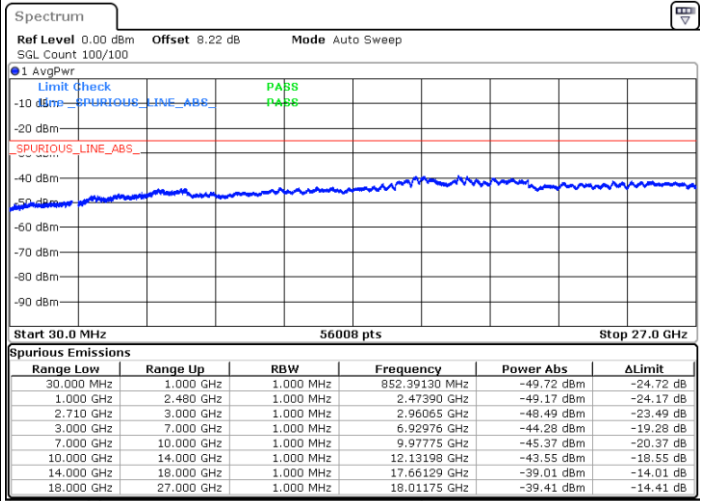
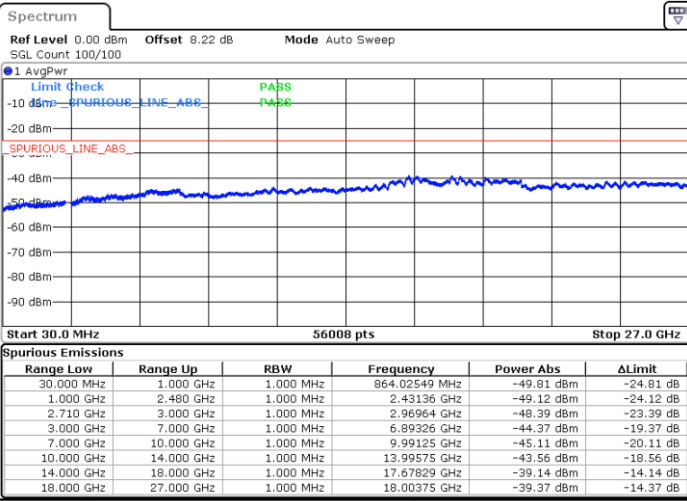


LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

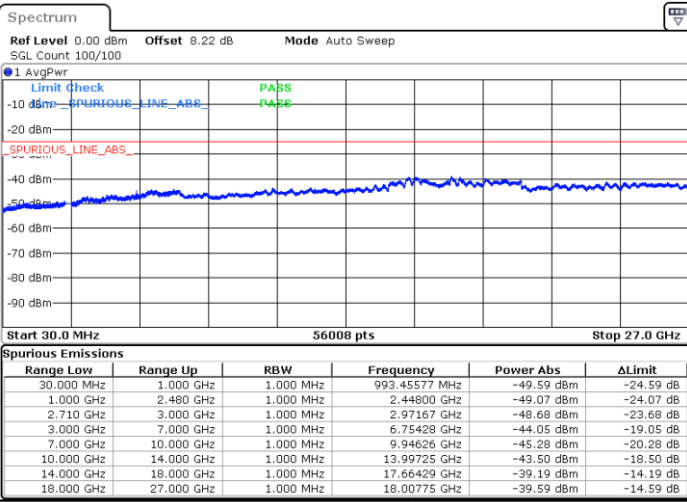


Date: 14.DEC.2021 21:51:36

Date: 14.DEC.2021 21:53:12

Highest Channel / 1RB49and 1RB0

N/A



Date: 14.DEC.2021 21:54:48

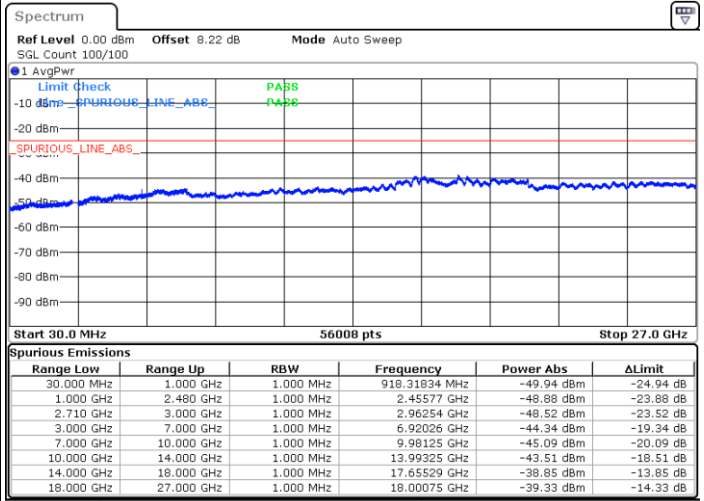
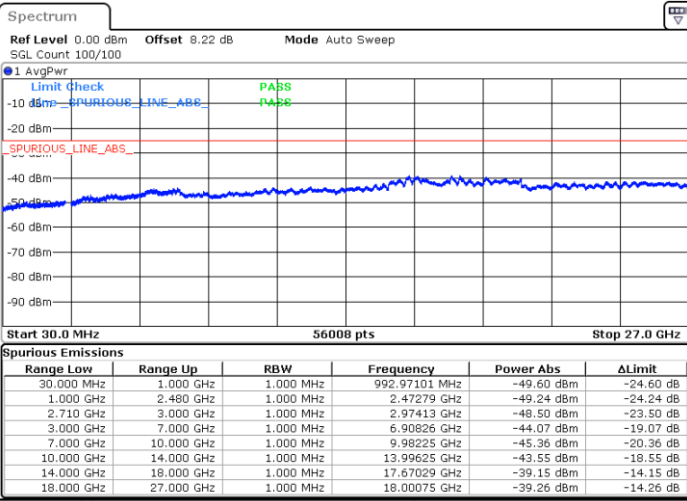


LTE Band 41C / 20MHz+5MHz

QPSK

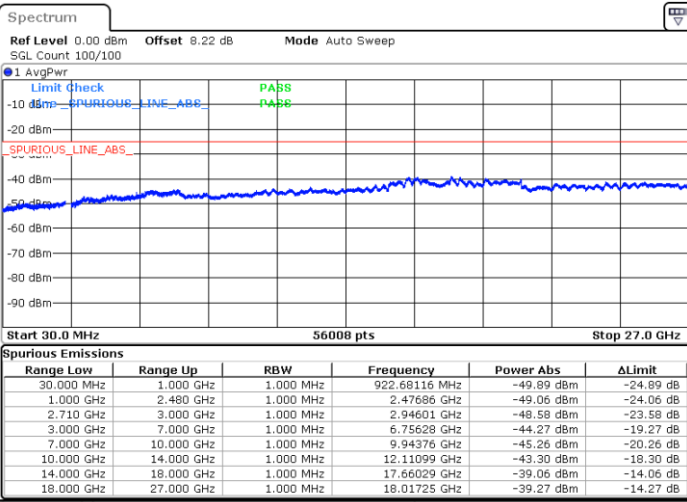
Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99and 1RB0

N/A



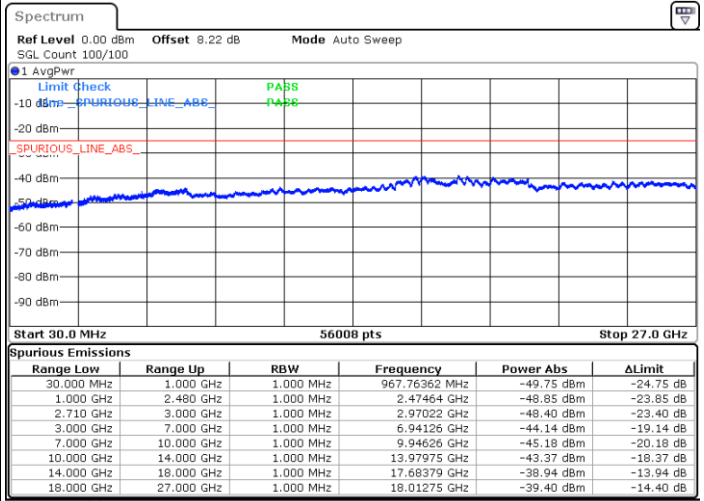
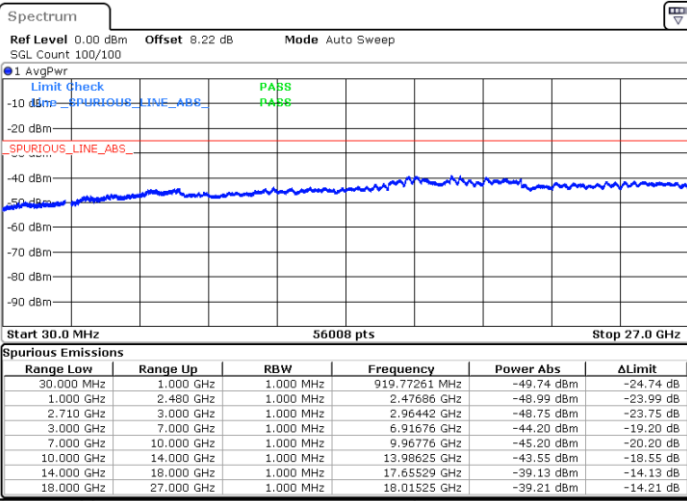


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

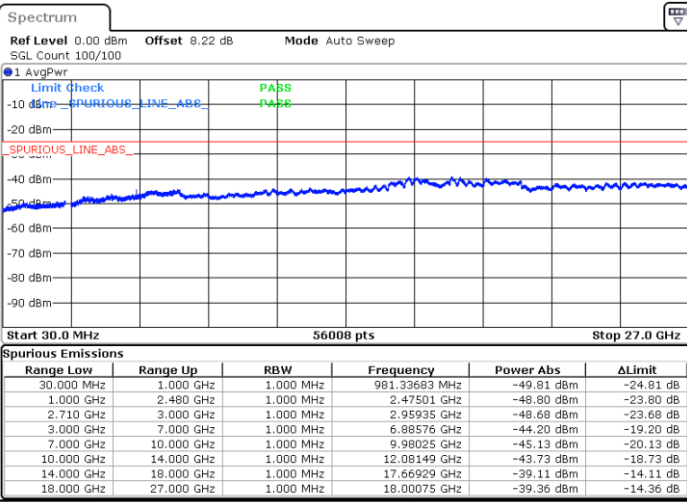


Date: 14.DEC.2021 21:56:24

Date: 14.DEC.2021 21:57:59

Highest Channel / 1RB99and 1RB0

N/A



Date: 14.DEC.2021 21:59:35

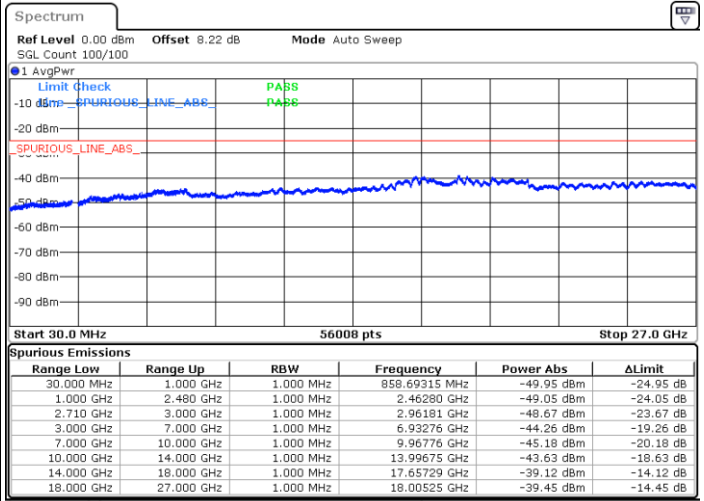
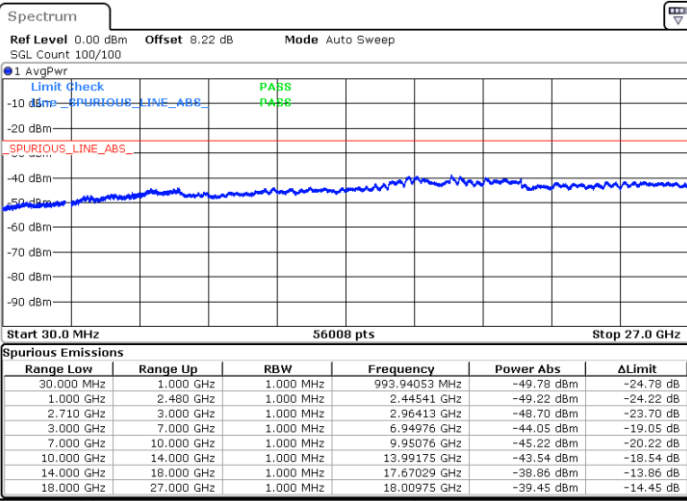


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

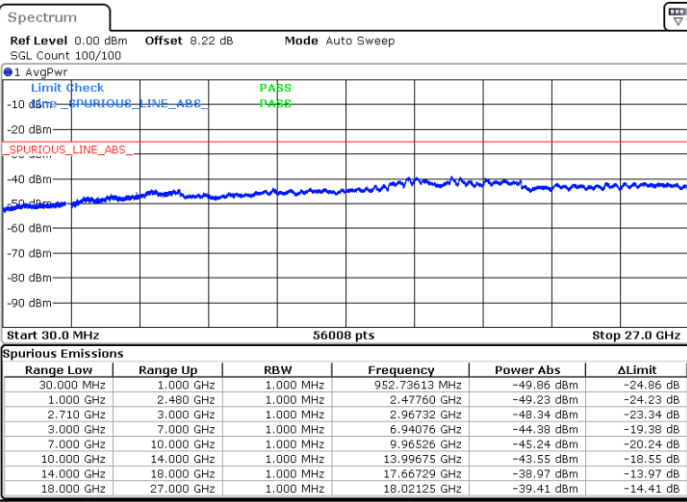


Date: 14.DEC.2021 22:01:11

Date: 14.DEC.2021 22:02:47

Highest Channel / 1RB99and 1RB0

N/A



Date: 14.DEC.2021 22:04:23

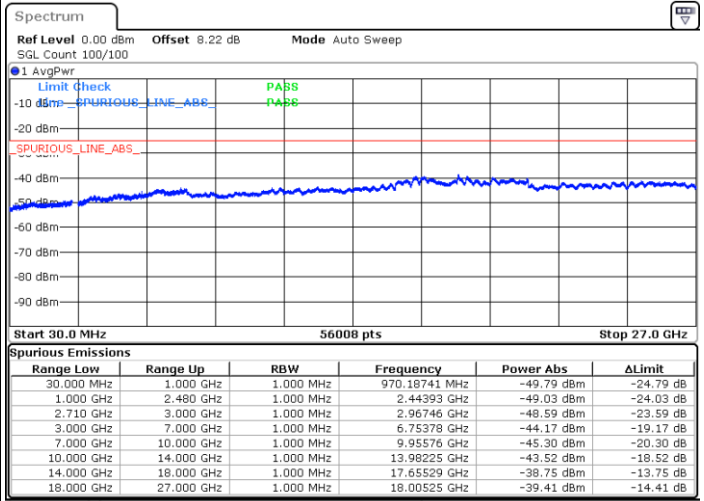
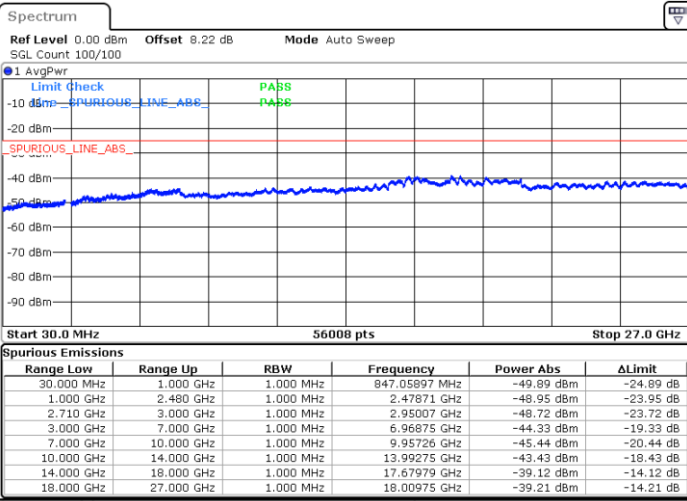


LTE Band 41C / 20MHz+20MHz

QPSK

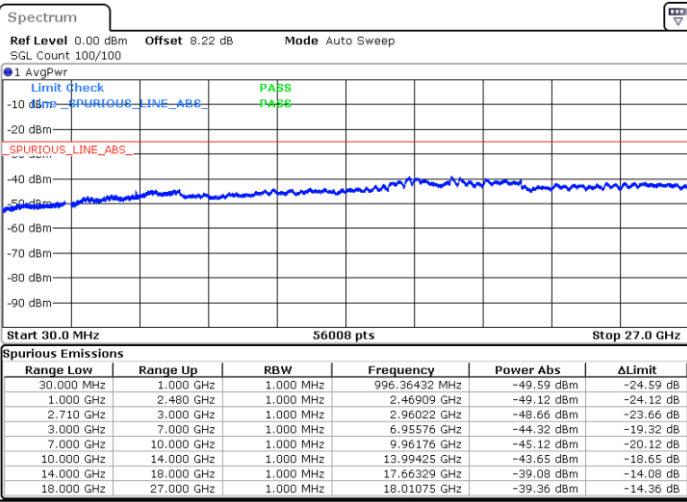
Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0



Highest Channel / 1RB99and 1RB0

N/A





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna, we choose the worst antenna mode to test.

LTE Band 2 / 20MHz / QPSK Ant 2								
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	-55.62	-13	-42.62	-67.88	2.64	14.90	H
	5613	-57.47	-13	-44.47	-69.33	2.94	14.80	H
	7488	-54.97	-13	-41.97	-64.74	3.39	13.16	H
	3741	-52.45	-13	-39.45	-64.71	2.64	14.90	V
	5613	-57.01	-13	-44.01	-68.87	2.94	14.80	V
	7488	-55.25	-13	-42.25	-65.02	3.39	13.16	V

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

LTE Band 4 / 20MHz / QPSK Ant 1								
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	3447	-57.96	-13	-44.96	-68.70	2.604	13.34	H
	5169	-57.31	-13	-44.31	-67.82	3.011	13.52	H
	6888	-57.49	-13	-44.49	-67.69	3.271	13.47	H
	3447	-55.28	-13	-42.28	-66.02	2.604	13.34	V
	5169	-58.35	-13	-45.35	-68.86	3.011	13.52	V
	6888	-57.44	-13	-44.44	-67.64	3.271	13.47	V

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



LTE Band 5 / 10MHz / QPSK Ant 2								
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	-65.25	-13	-52.25	-72.22	1.58	10.70	H
	2496	-60.41	-13	-47.41	-68.66	2.102	12.50	H
	3330	-60.81	-13	-47.81	-69.70	2.856	13.90	H
	1664	-64.22	-13	-51.22	-71.19	1.58	10.70	V
	2496	-59.02	-13	-46.02	-67.27	2.10	12.50	V
	3330	-61.02	-13	-48.02	-69.91	2.86	13.90	V

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

LTE Band 7 / 20MHz / QPSK Ant 1								
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	5052	-65.69	-25	-40.69	-75.90	3.03	13.24	H
	7576	-64.50	-25	-39.50	-73.95	3.56	13.01	H
	10100	-63.02	-25	-38.02	-72.54	3.92	13.44	H
	5052	-65.95	-25	-40.95	-76.16	3.03	13.24	V
	7576	-64.76	-25	-39.76	-74.21	3.56	13.01	V
	10100	-63.39	-25	-38.39	-72.91	3.92	13.44	V

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

LTE Band 41 / 20MHz / QPSK Ant 1								
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	5168	-57.75	-25	-32.75	-67.96	3.03	13.24	H
	7752	-51.64	-25	-26.64	-61.09	3.56	13.01	H
	10340	-55.06	-25	-30.06	-64.58	3.92	13.44	H
	5168	-59.20	-25	-34.20	-69.41	3.03	13.24	V
	7752	-54.61	-25	-29.61	-64.06	3.56	13.01	V
	10340	-56.21	-25	-31.21	-65.73	3.92	13.44	V

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



LTE Band 7C_CA / 20MHz+20MHz / QPSK Ant 1								
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	5052	-63.35	-25	-38.35	-73.56	3.03	13.24	H
	7576	-64.51	-25	-39.51	-73.96	3.56	13.01	H
	10100	-62.66	-25	-37.66	-72.18	3.92	13.44	H
	5052	-63.98	-25	-38.98	-74.19	3.03	13.24	V
	7576	-64.50	-25	-39.50	-73.95	3.56	13.01	V
	10100	-63.44	-25	-38.44	-72.96	3.92	13.44	V

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

LTE Band 41C_CA / 20MHz+20MHz / QPSK Ant 1								
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	5168	-58.12	-25	-33.12	-68.33	3.03	13.24	H
	7752	-54.93	-25	-29.93	-64.38	3.56	13.01	H
	10340	-53.03	-25	-28.03	-62.55	3.92	13.44	H
	5168	-58.90	-25	-33.90	-69.11	3.03	13.24	V
	7752	-52.88	-25	-27.88	-62.33	3.56	13.01	V
	10340	-56.28	-25	-31.28	-65.80	3.92	13.44	V

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