

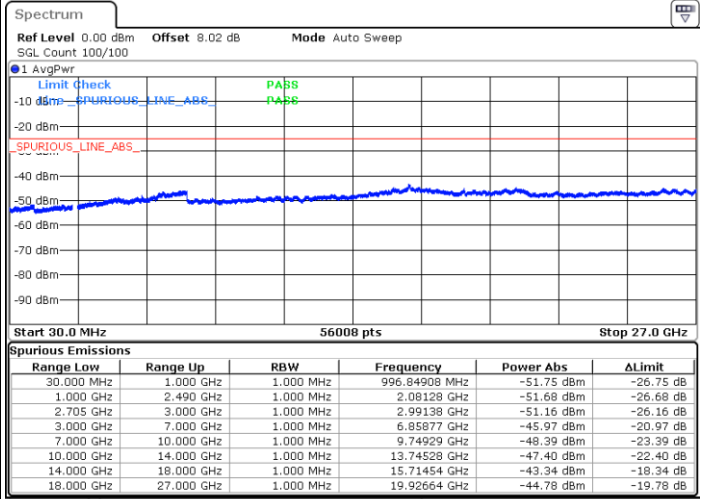
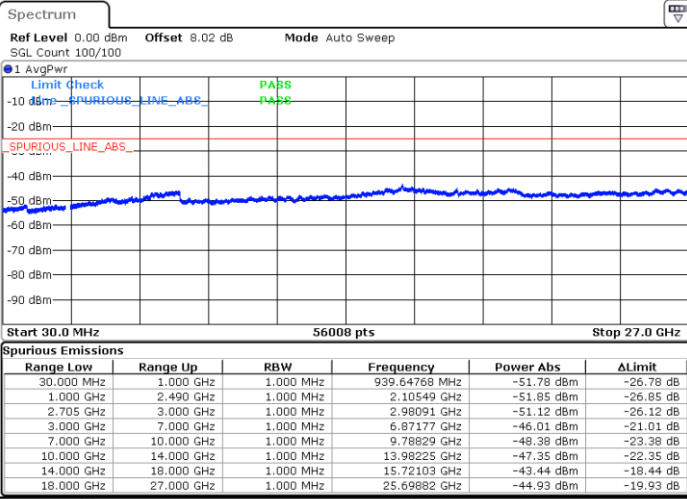


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

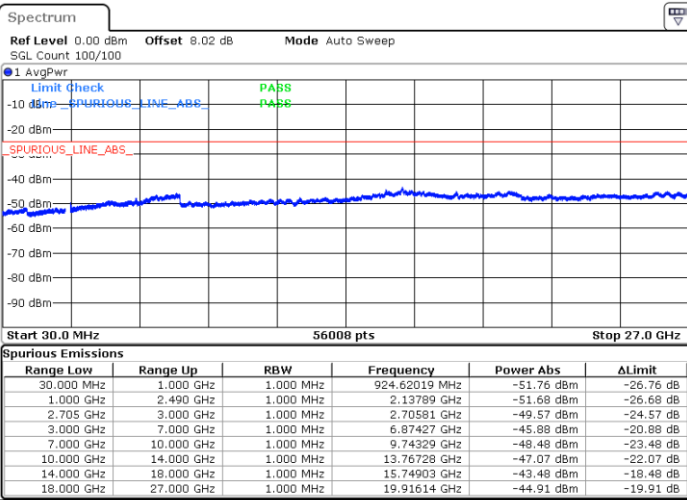


Date: 30.DEC.2021 06:25:15

Date: 30.DEC.2021 06:26:52

Highest Channel / 1RB49and 1RB0

N/A



Date: 30.DEC.2021 06:28:28

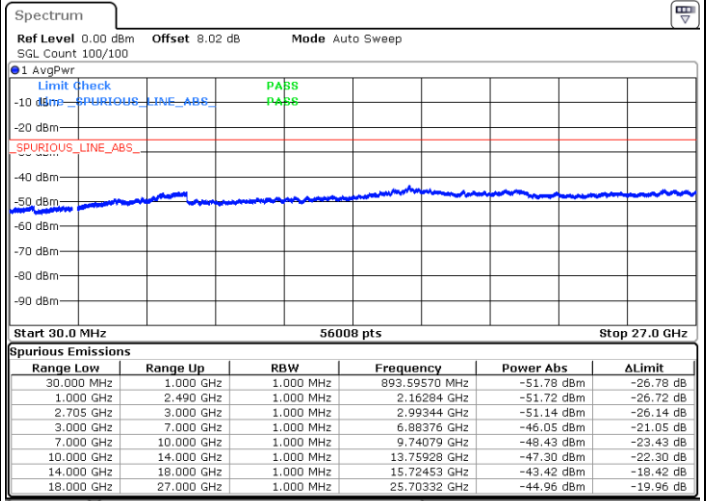
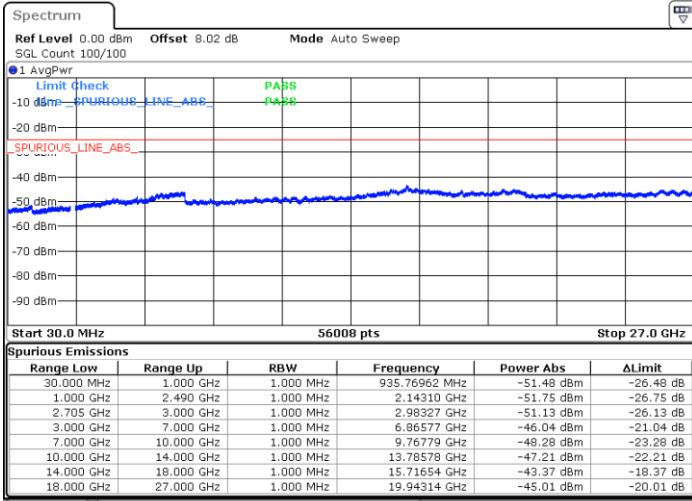


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

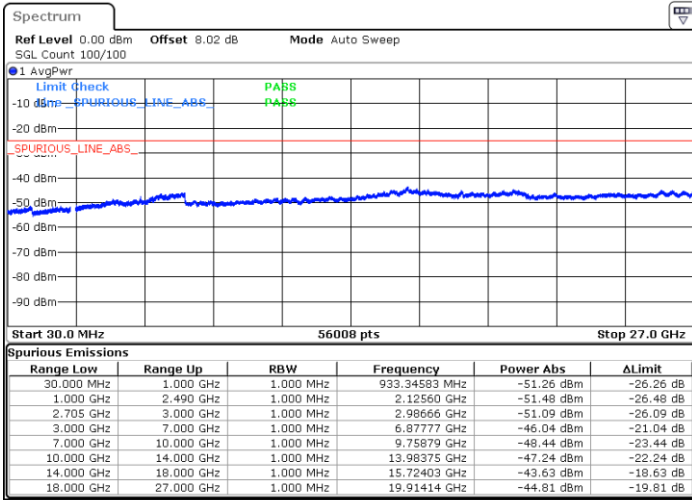


Date: 30.DEC.2021 06:34:58

Date: 30.DEC.2021 06:36:35

Highest Channel / 1RB49and 1RB0

N/A



Date: 30.DEC.2021 06:38:12

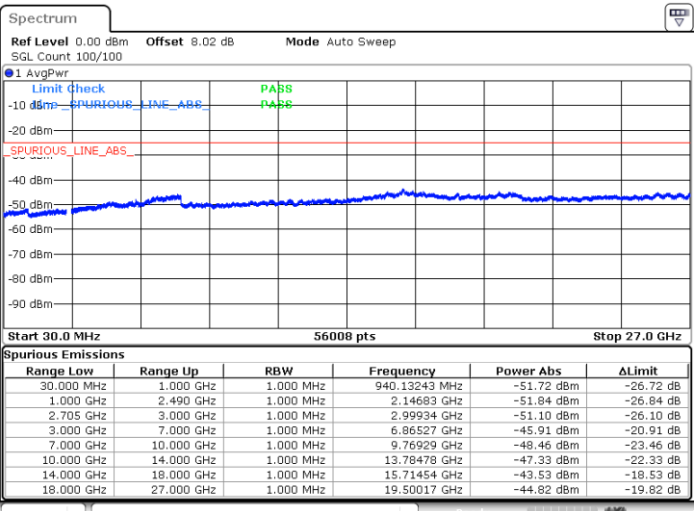
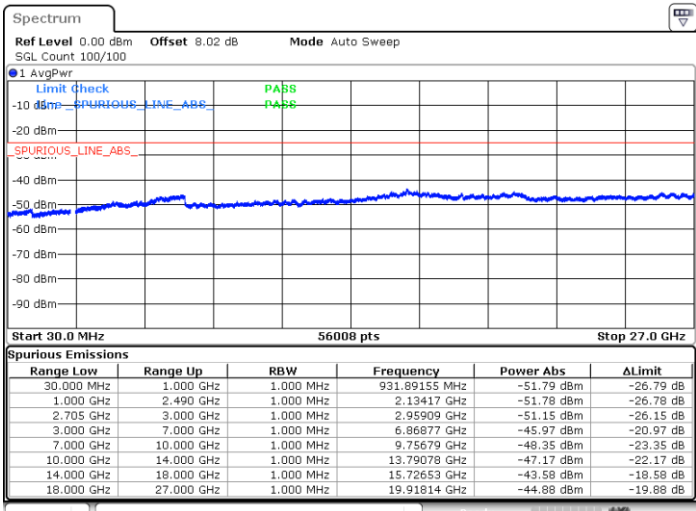


LTE Band 41C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel /1RB74 and 1RB0

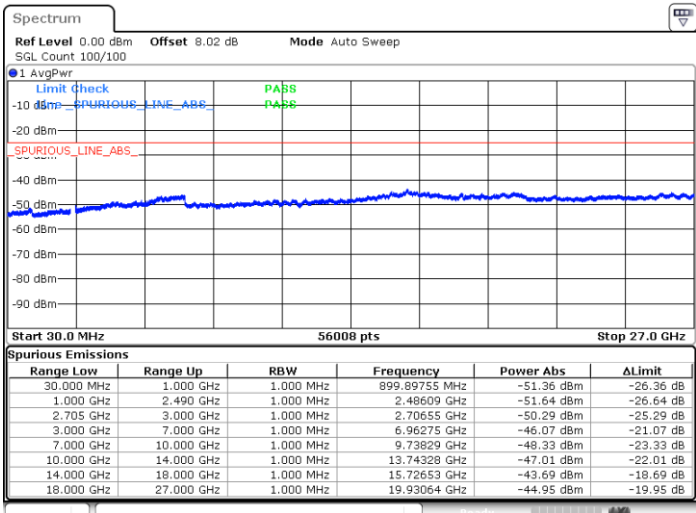


Date: 30.DEC.2021 06:30:06

Date: 30.DEC.2021 06:31:43

Highest Channel 1RB74 and 1RB0

N/A



Date: 30.DEC.2021 06:33:20

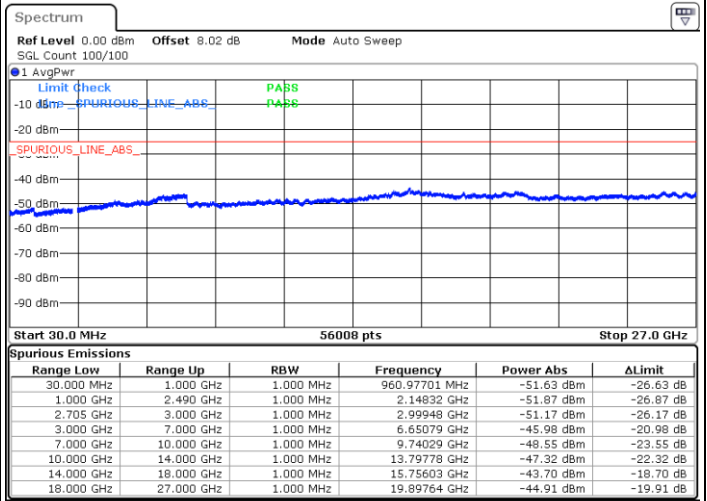
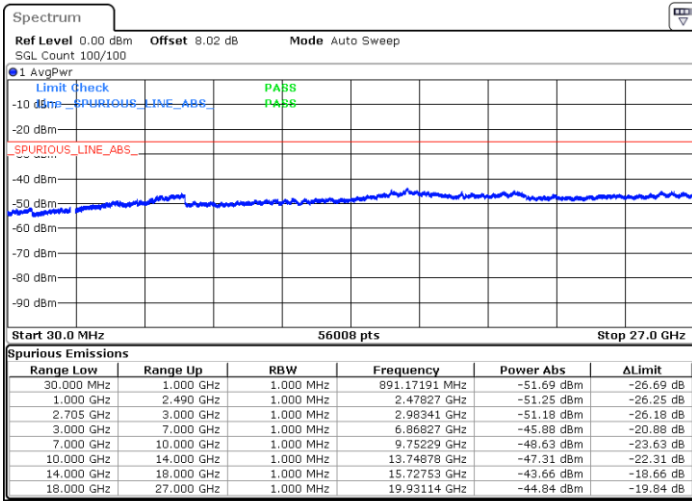


LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

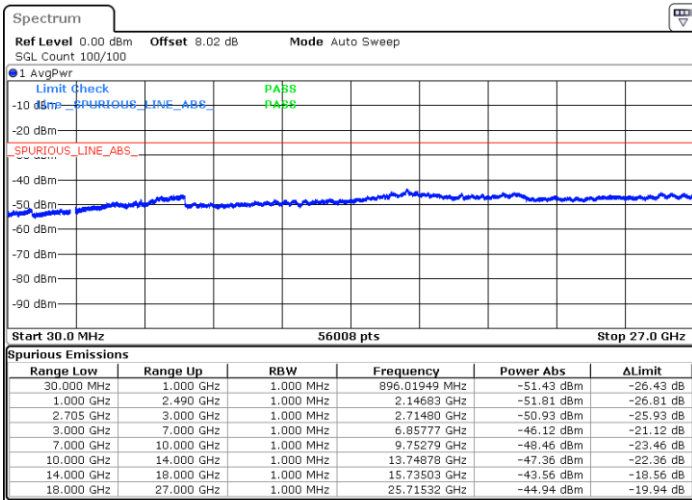


Date: 30.DEC.2021 06:44:41

Date: 30.DEC.2021 06:46:18

Highest Channel / 1RB74and 1RB0

N/A



Date: 30.DEC.2021 06:47:50

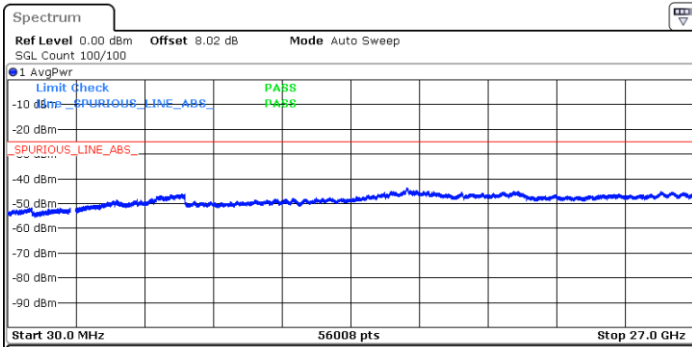


LTE Band 41C / 15MHz+20MHz

QPSK

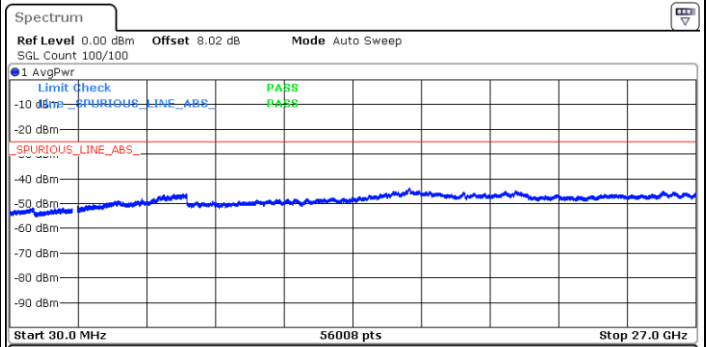
Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-51.66 dBm	-26.66 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.49237 GHz	-51.76 dBm	-26.76 dB
2.705 GHz	3.000 GHz	1.000 MHz	2.98474 GHz	-51.16 dBm	-26.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88876 GHz	-46.07 dBm	-21.07 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.78729 GHz	-48.48 dBm	-23.48 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.73828 GHz	-47.05 dBm	-22.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.75103 GHz	-43.54 dBm	-18.54 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93164 GHz	-44.93 dBm	-19.93 dB

Date: 30.DEC.2021 06:49:27

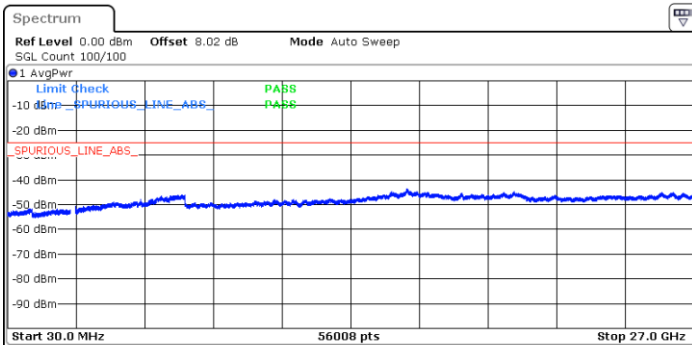


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.64468 MHz	-51.69 dBm	-26.69 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15688 GHz	-51.81 dBm	-26.81 dB
2.705 GHz	3.000 GHz	1.000 MHz	2.99270 GHz	-51.05 dBm	-26.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84927 GHz	-46.14 dBm	-21.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73779 GHz	-48.66 dBm	-23.66 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76928 GHz	-47.25 dBm	-22.25 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74203 GHz	-43.54 dBm	-18.54 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.90764 GHz	-44.84 dBm	-19.84 dB

Date: 30.DEC.2021 06:51:04

Highest Channel / 1RB49and 1RB0

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-51.62 dBm	-26.62 dB
1.000 GHz	2.490 GHz	1.000 MHz	1.97850 GHz	-51.87 dBm	-26.87 dB
2.705 GHz	3.000 GHz	1.000 MHz	2.70537 GHz	-50.74 dBm	-25.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87327 GHz	-46.09 dBm	-21.09 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76729 GHz	-48.58 dBm	-23.58 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99575 GHz	-47.34 dBm	-22.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72403 GHz	-43.60 dBm	-18.60 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92464 GHz	-44.86 dBm	-19.86 dB

Date: 30.DEC.2021 06:52:41

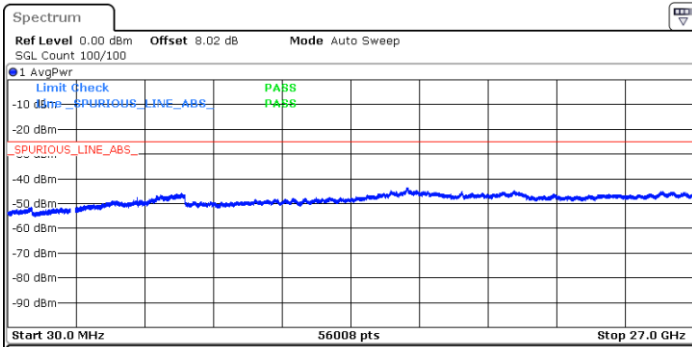


LTE Band 41C / 20MHz+5MHz

QPSK

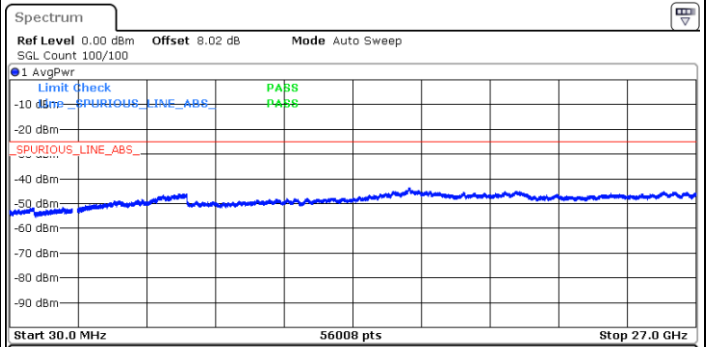
Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	935.28486 MHz	-51.57 dBm	-26.57 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.15353 GHz	-51.61 dBm	-26.61 dB
2.705 GHz	3.000 GHz	1.000 MHz	2.99978 GHz	-51.16 dBm	-26.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86027 GHz	-45.92 dBm	-20.92 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76879 GHz	-48.31 dBm	-23.31 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.72928 GHz	-47.35 dBm	-22.35 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73803 GHz	-43.67 dBm	-18.67 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.94314 GHz	-44.89 dBm	-19.89 dB

Date: 30.DEC.2021 06:20:25

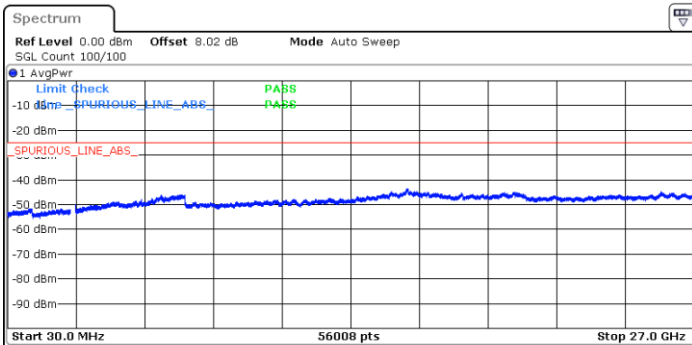


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.86107 MHz	-51.76 dBm	-26.76 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.12337 GHz	-51.46 dBm	-26.46 dB
2.705 GHz	3.000 GHz	1.000 MHz	2.99300 GHz	-50.85 dBm	-25.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86927 GHz	-46.03 dBm	-21.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.71630 GHz	-48.56 dBm	-23.56 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79528 GHz	-47.27 dBm	-22.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72453 GHz	-43.55 dBm	-18.55 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91864 GHz	-44.91 dBm	-19.91 dB

Date: 30.DEC.2021 06:22:02

Highest Channel / 1RB99and 1RB0

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-51.70 dBm	-26.70 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.11070 GHz	-51.86 dBm	-26.86 dB
2.705 GHz	3.000 GHz	1.000 MHz	2.70861 GHz	-50.15 dBm	-25.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85977 GHz	-46.02 dBm	-21.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.78279 GHz	-48.59 dBm	-23.59 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75578 GHz	-46.88 dBm	-21.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74053 GHz	-43.59 dBm	-18.59 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.70132 GHz	-44.66 dBm	-19.66 dB

Date: 30.DEC.2021 06:23:38

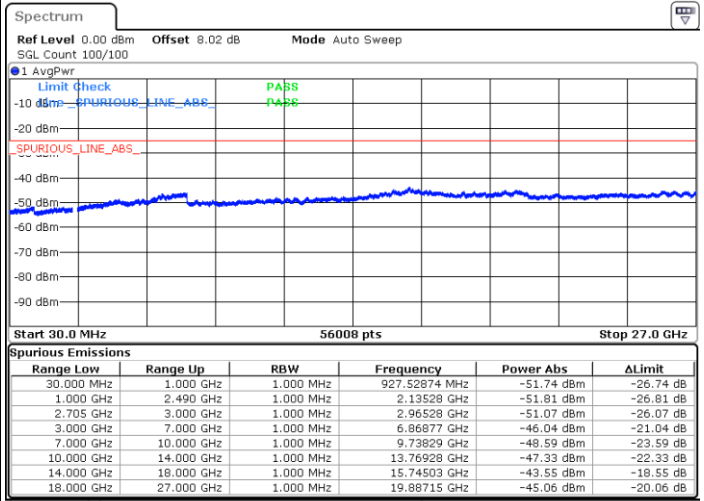
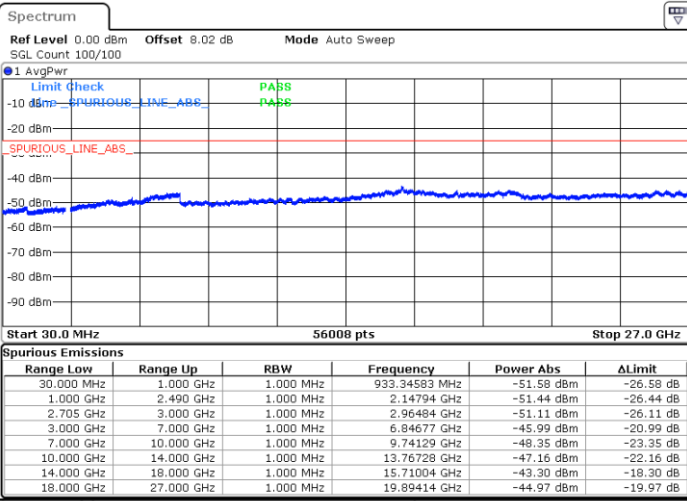


LTE Band 41C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

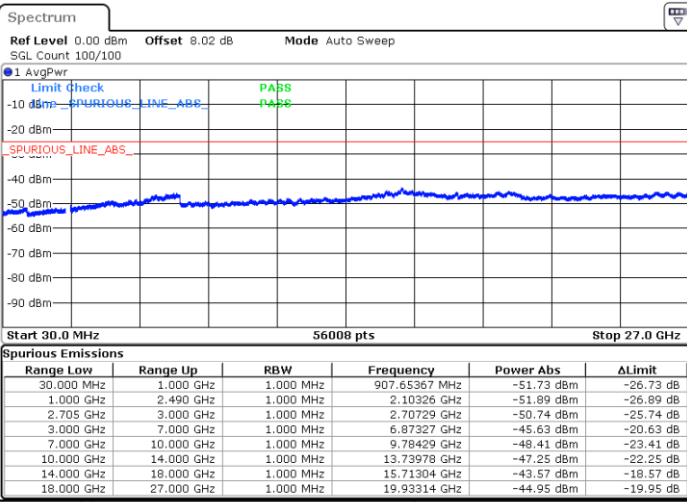


Date: 30.DEC.2021 06:39:49

Date: 30.DEC.2021 06:41:26

Highest Channel / 1RB99and 1RB0

N/A



Date: 30.DEC.2021 06:43:03

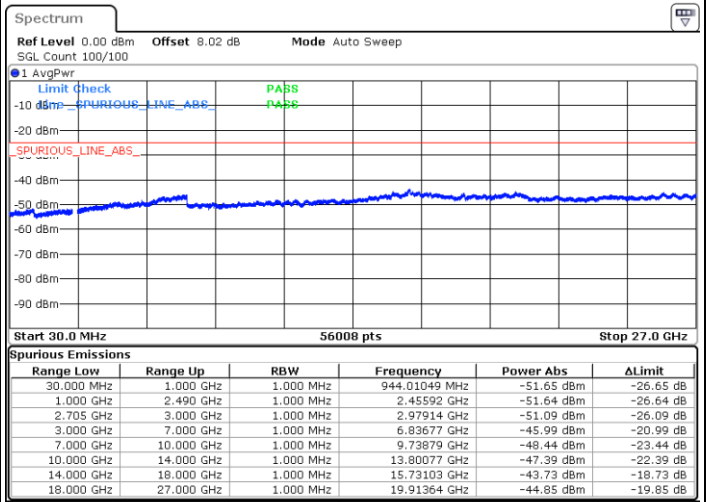
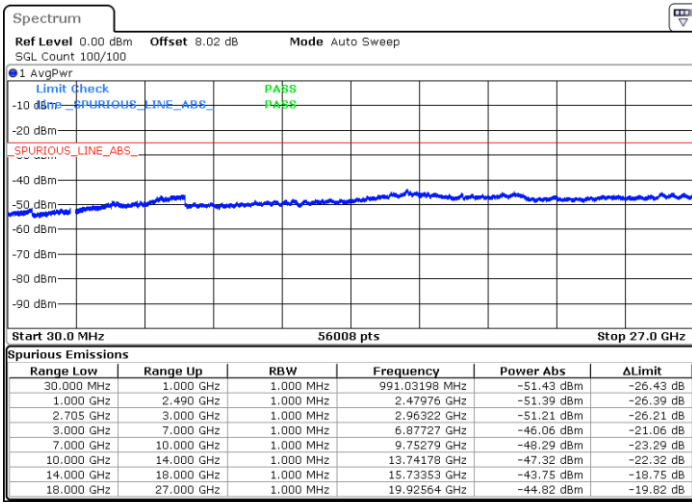


LTE Band 41C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

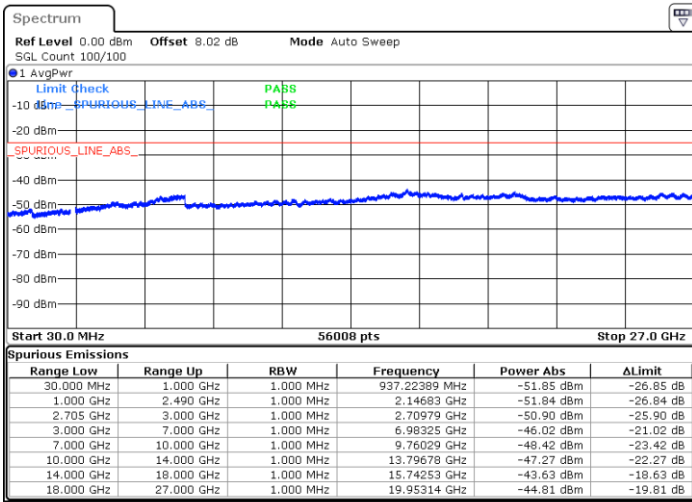


Date: 30.DEC.2021 06:54:19

Date: 30.DEC.2021 06:55:56

Highest Channel / 1RB99and 1RB0

N/A



Date: 30.DEC.2021 06:57:33

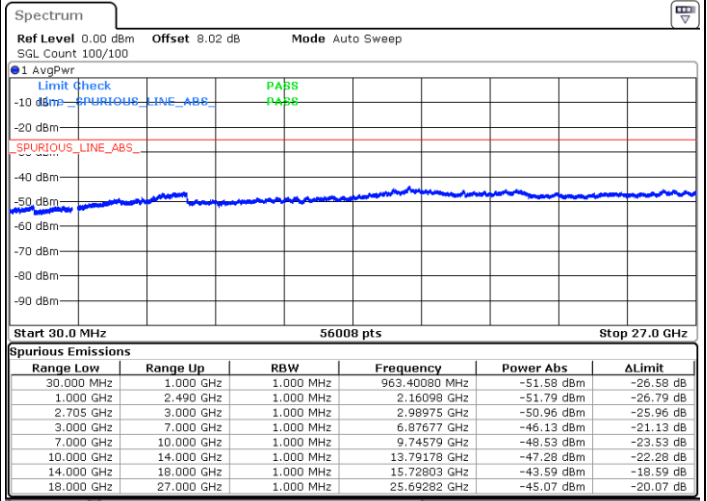
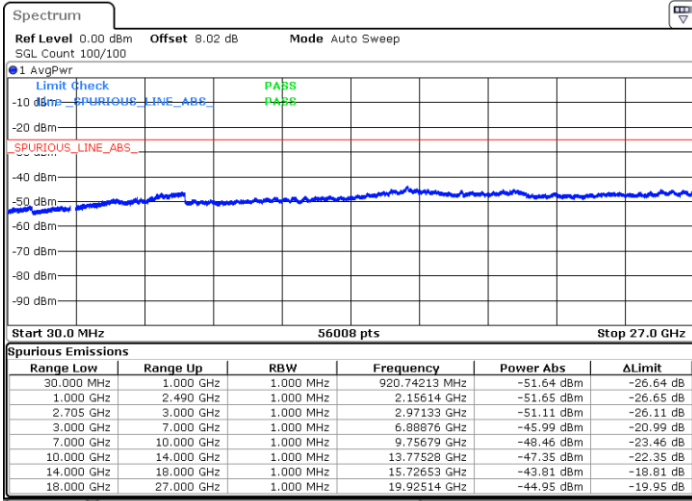


LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99and 1RB0

Middle Channel / 1RB99 and 1RB0

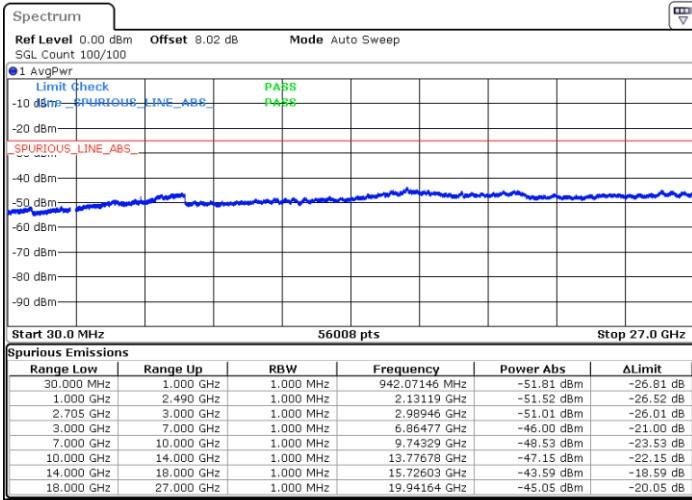


Date: 30.DEC.2021 06:59:10

Date: 30.DEC.2021 07:00:47

Highest Channel / 1RB99and 1RB0

N/A



Date: 30.DEC.2021 07:02:24



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 7 / 20MHz / 16QAM Ant 0								
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	-61.94	-25	-36.94	-72.15	3.03	13.24	H
	7580	-52.94	-25	-27.94	-62.39	3.56	13.01	H
	10100	-46.07	-25	-21.07	-55.59	3.92	13.44	H
	12630	-46.22	-25	-21.22	-56.14	4.44	14.36	H
	15160	-50.57	-25	-25.57	-60.94	4.77	15.14	H
	17680	-34.76	-25	-9.76	-44.95	5.44	15.63	H
	5052	-62.77	-25	-37.77	-72.98	3.03	13.24	V
	7580	-51.20	-25	-26.20	-60.65	3.56	13.01	V
	10100	-41.23	-25	-16.23	-50.75	3.92	13.44	V
	12630	-48.57	-25	-23.57	-58.49	4.44	14.36	V
	15156.54	-54.40	-25	-29.40	-64.77	4.77	15.14	V
	17680	-38.84	-25	-13.84	-49.03	5.44	15.63	V

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

LTE Band 41 / 20MHz / 16QAM Ant 0								
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	5176	-62.72	-25	-37.72	-72.93	3.03	13.24	H
	7765.77	-49.19	-25	-24.19	-58.64	3.56	13.01	H
	10356	-52.98	-25	-27.98	-62.50	3.92	13.44	H
	5177.18	-63.38	-25	-38.38	-73.59	3.03	13.24	V
	7766	-52.49	-25	-27.49	-61.94	3.56	13.01	V
	10356	-46.92	-25	-21.92	-56.44	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 / 16QAM Ant 0								
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	5032.38	-62.37	-25	-37.37	-72.58	3.03	13.24	H
	7548.57	-59.51	-25	-34.51	-68.96	3.56	13.01	H
	10062	-58.13	-25	-33.13	-67.65	3.92	13.44	H
	5036	-63.02	-25	-38.02	-73.23	3.03	13.24	V
	7548.57	-59.79	-25	-34.79	-69.24	3.56	13.01	V
	10064.76	-57.41	-25	-32.41	-66.93	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 / 16QAM Ant 0								
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	5162	-63.73	-25	-38.73	-73.94	3.03	13.24	H
	7752	-53.81	-25	-28.81	-63.26	3.56	13.01	H
	10342	-55.75	-25	-30.75	-65.27	3.92	13.44	H
	5162	-63.90	-25	-38.90	-74.11	3.03	13.24	V
	7752	-56.19	-25	-31.19	-65.64	3.56	13.01	V
	10342	-54.40	-25	-29.40	-63.92	3.92	13.44	V

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