

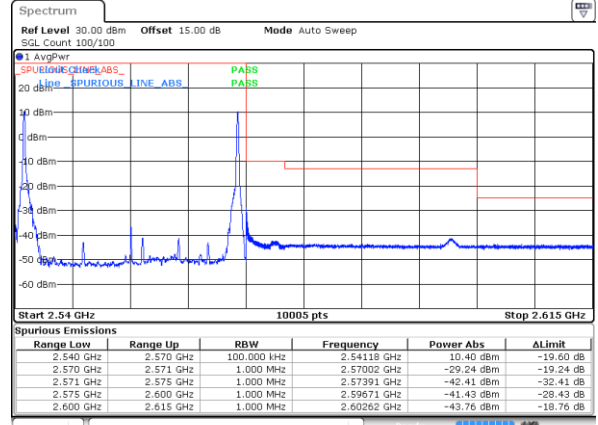
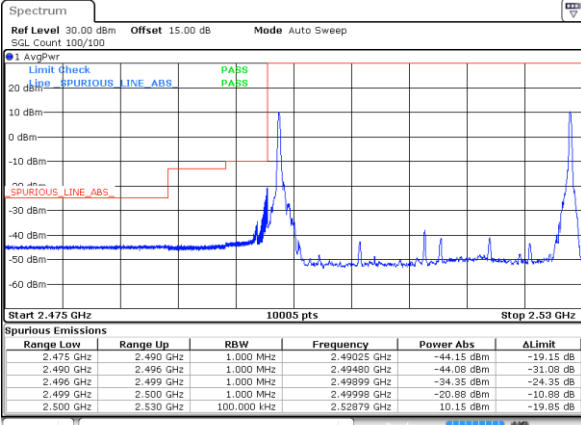


LTE Band 7C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

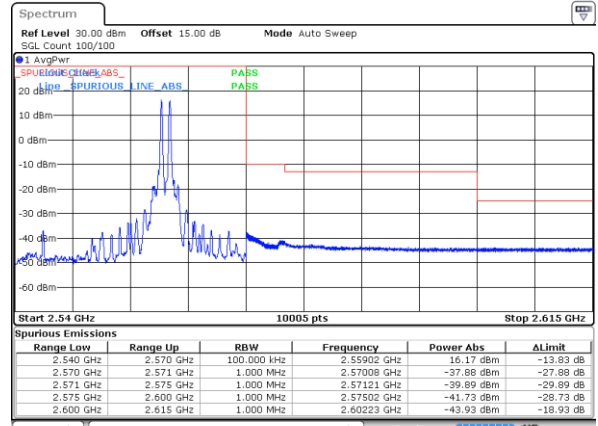
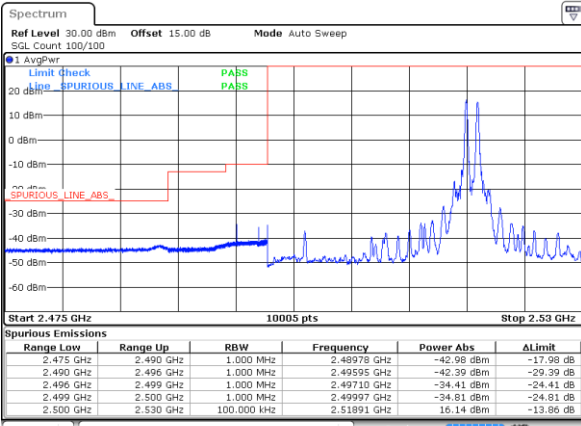


Date: 8 APR 2024 19:06:27

Date: 8 APR 2024 19:14:25

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

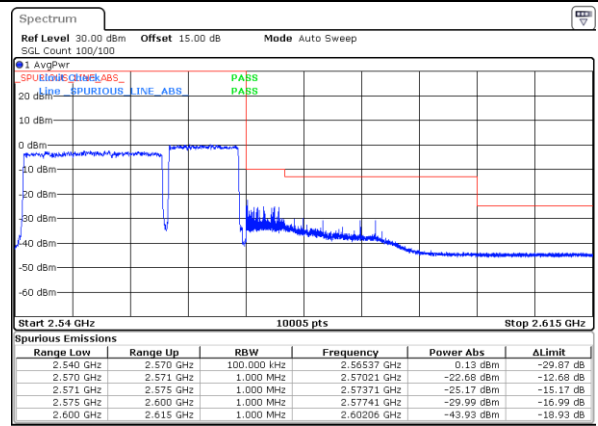
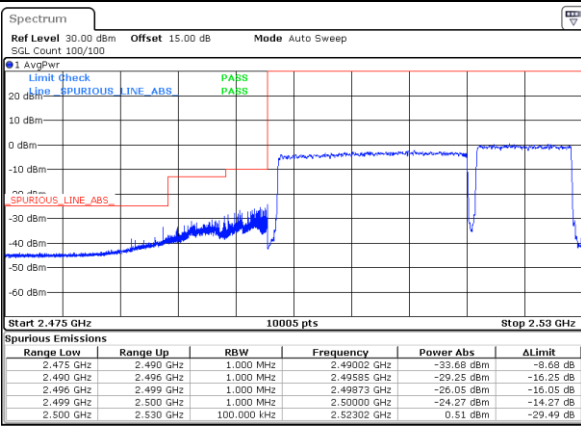


Date: 8 APR 2024 19:05:47

Date: 8 APR 2024 19:15:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8 APR 2024 19:09:48

Date: 8 APR 2024 19:11:06

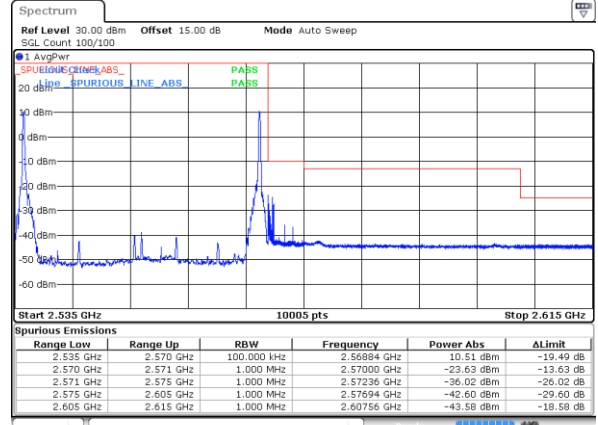
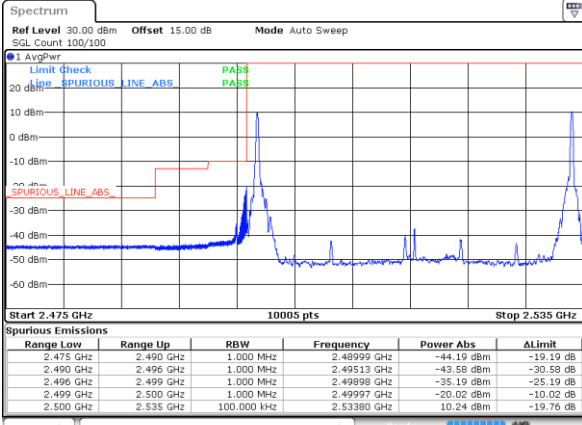


LTE Band 7C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

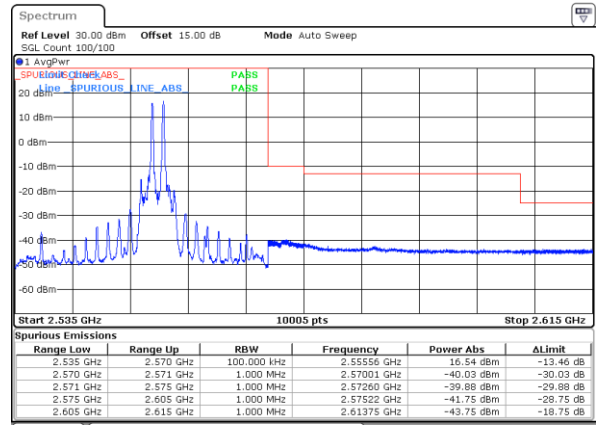
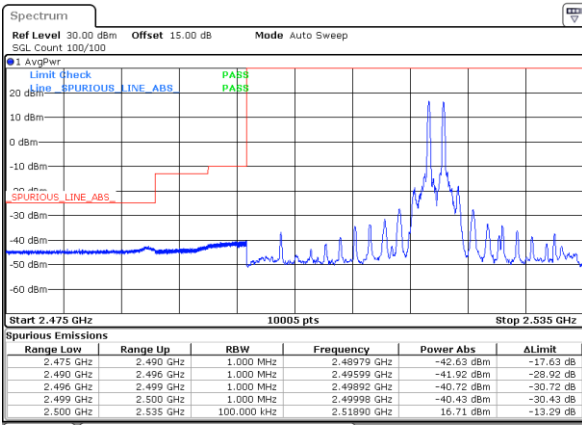


Date: 9 APR 2024 10:23:15

Date: 9 APR 2024 10:32:46

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

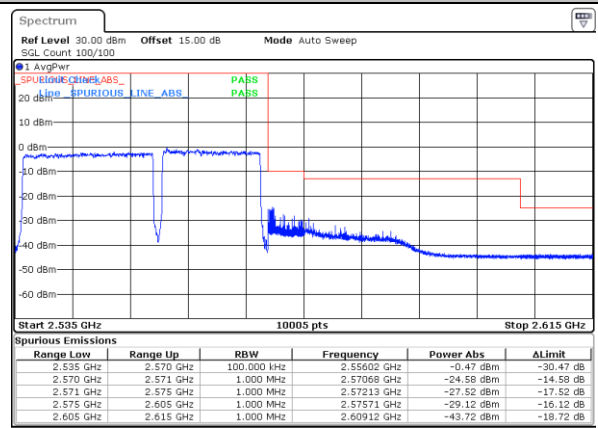
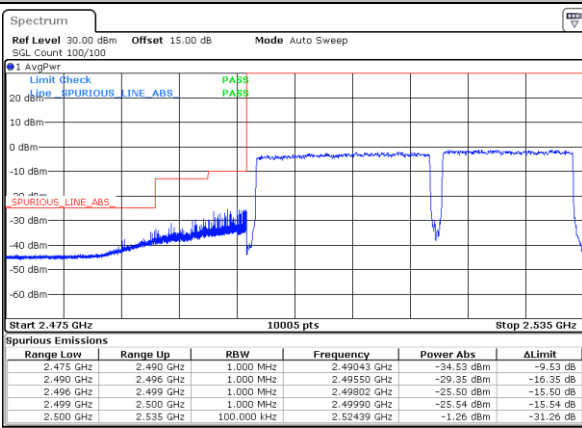


Date: 9 APR 2024 10:22:34

Date: 9 APR 2024 10:32:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 9 APR 2024 10:26:38

Date: 9 APR 2024 10:29:26

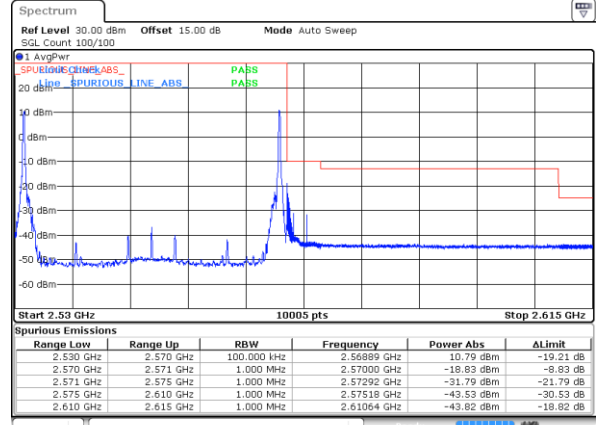
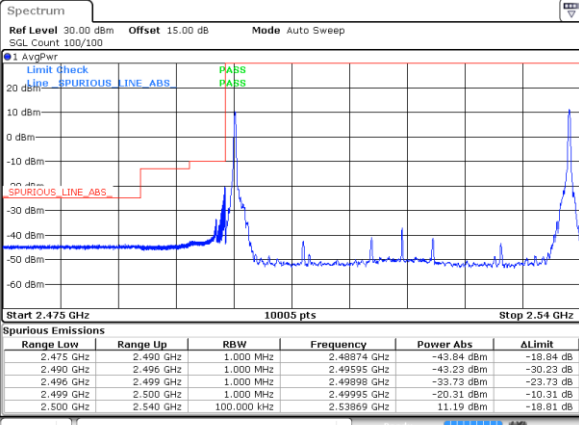


LTE Band 7C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

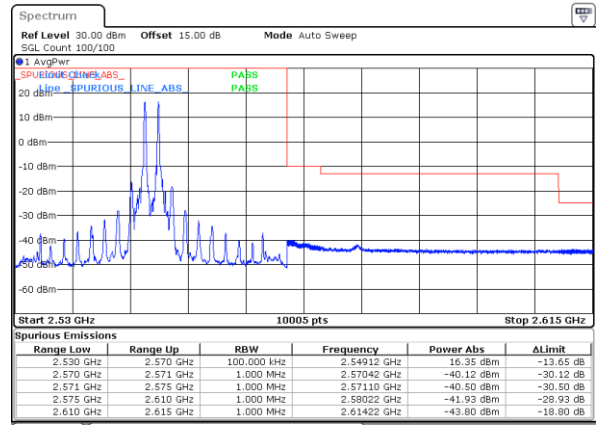
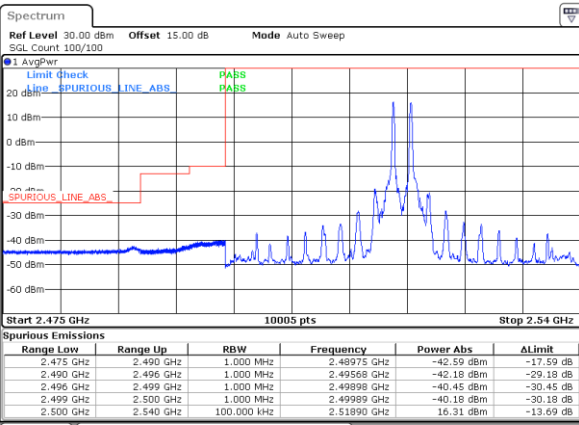


Date: 9 APR 2024 10:45:42

Date: 9 APR 2024 10:54:51

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

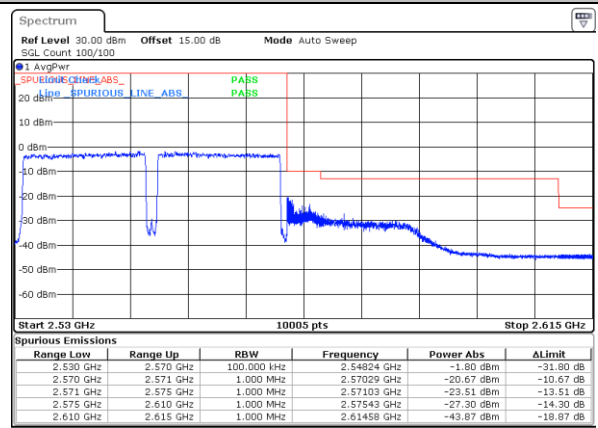
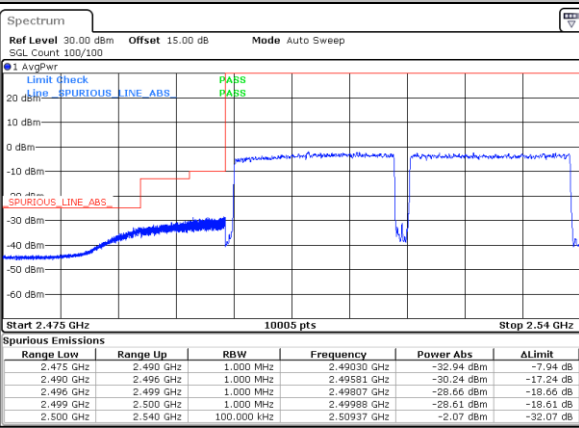


Date: 9 APR 2024 10:45:03

Date: 9 APR 2024 10:55:29

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11 APR 2024 19:18:43

Date: 9 APR 2024 10:51:41



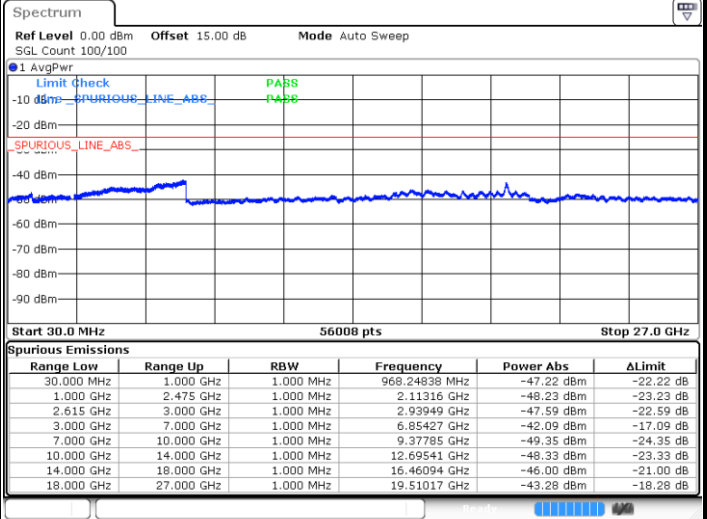
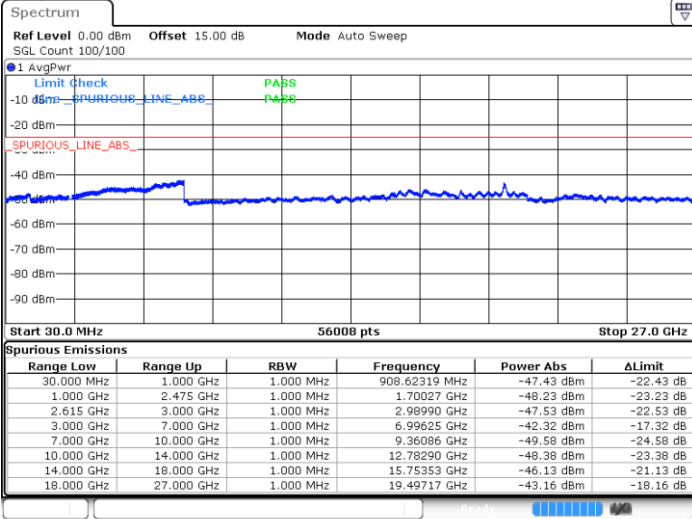
Conducted Spurious Emission

LTE Band 7C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

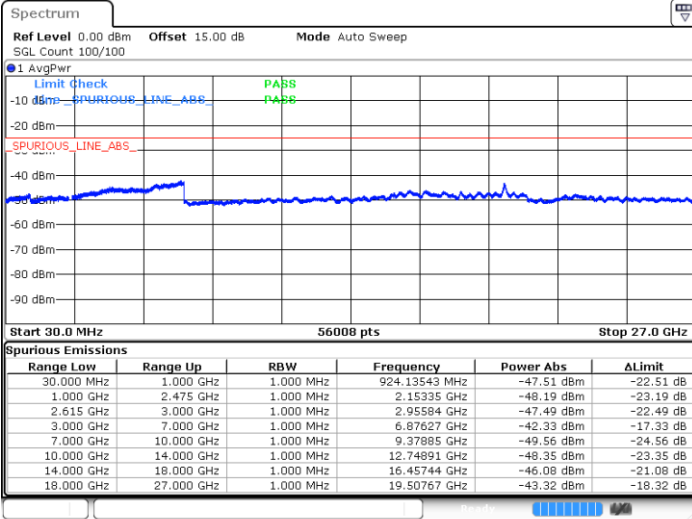


Date: 8 APR 2024 11:58:03

Date: 8 APR 2024 11:56:05

Highest Channel / 1RB49 and 1RB0

NA



Date: 8 APR 2024 12:15:36

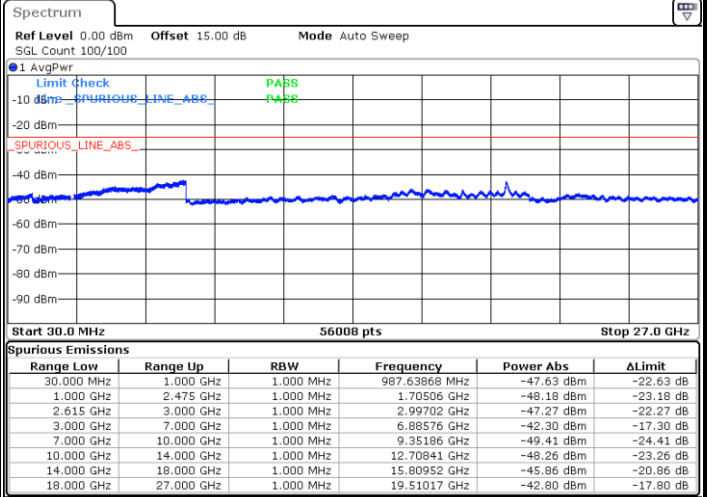
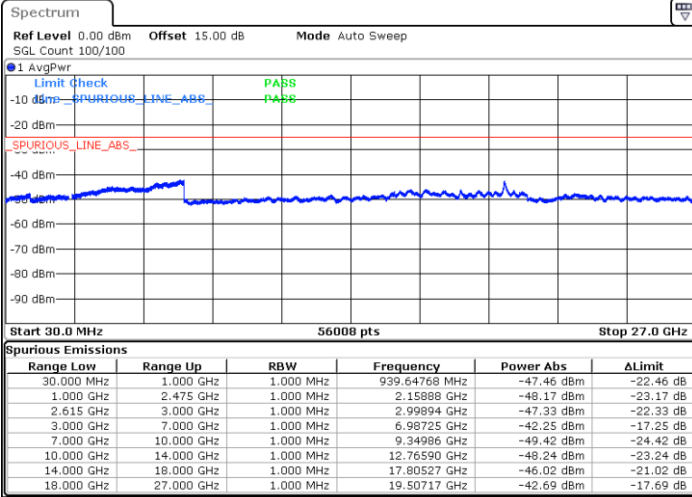


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

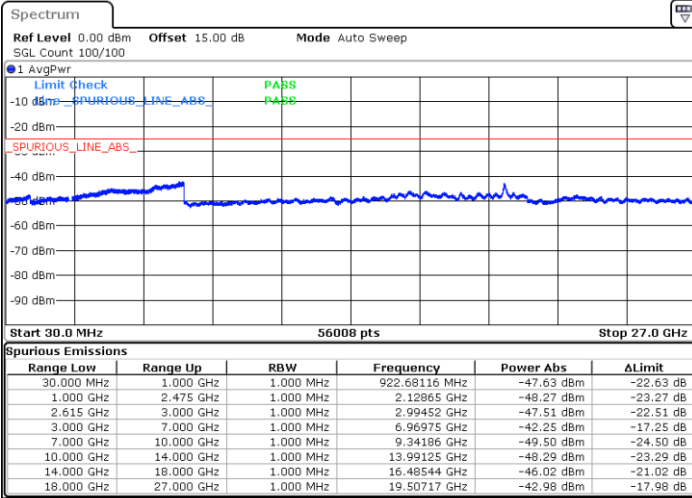


Date: 10 APR 2024 10:05:40

Date: 10 APR 2024 10:07:10

Highest Channel / 1RB74 and 1RB0

NA



Date: 10 APR 2024 10:44:14

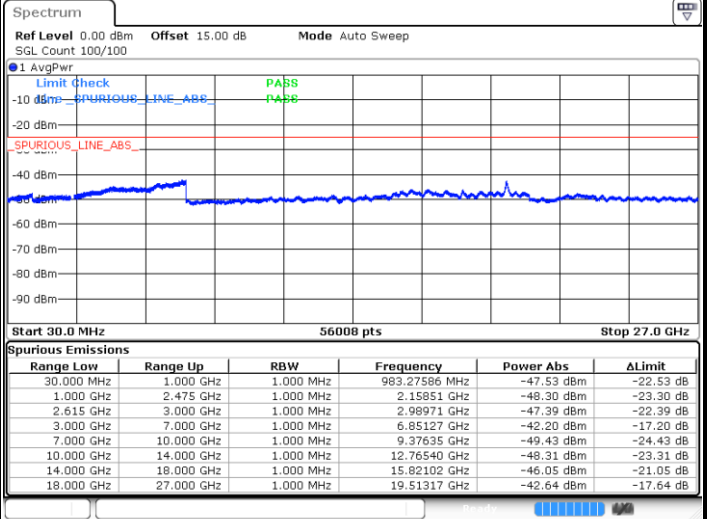
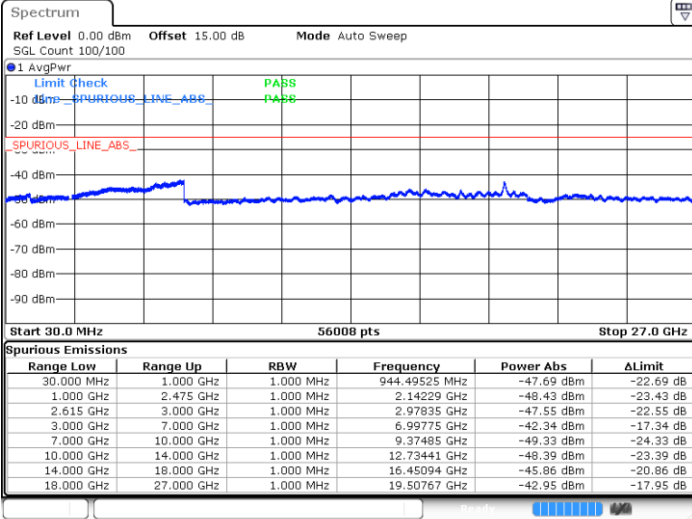


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

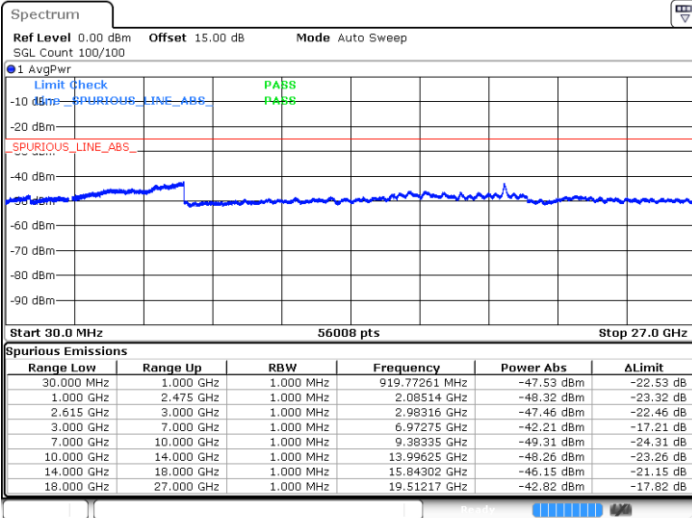


Date: 8 APR 2024 19:32:17

Date: 8 APR 2024 19:30:14

Highest Channel / 1RB74 and 1RB0

NA



Date: 8 APR 2024 19:45:51

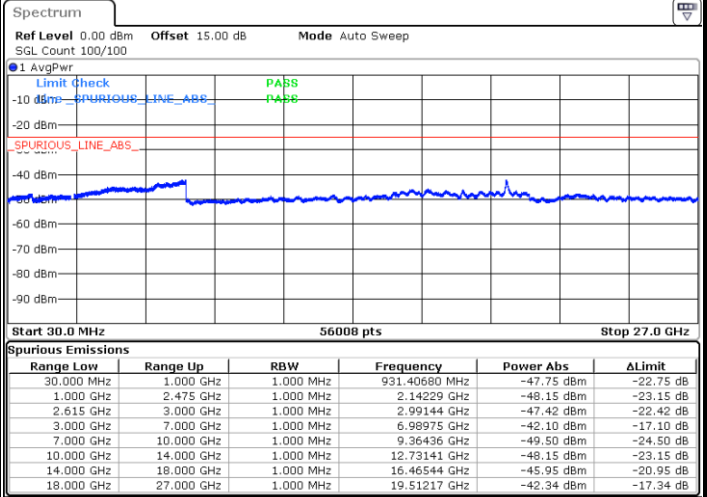
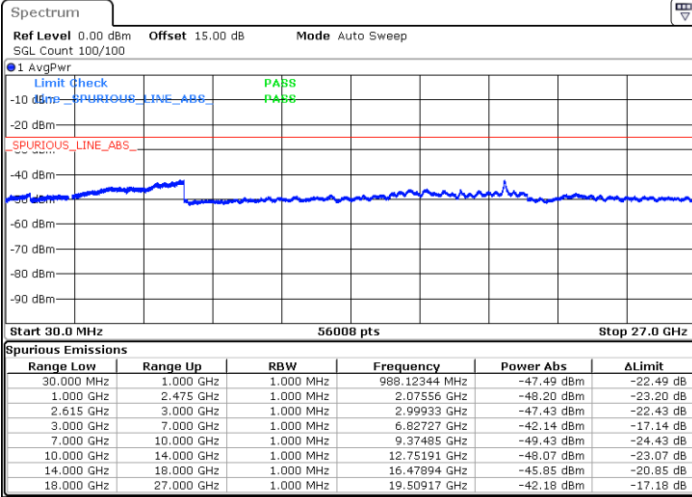


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

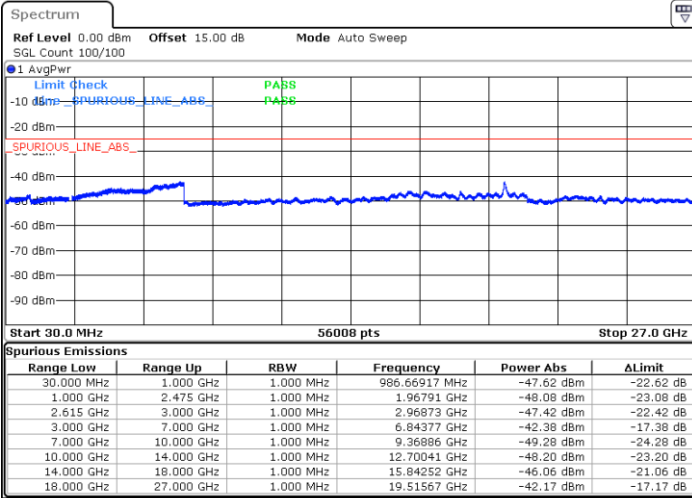


Date: 9 APR 2024 09:50:05

Date: 9 APR 2024 09:51:36

Highest Channel / 1RB74 and 1RB0

NA



Date: 9 APR 2024 10:10:00

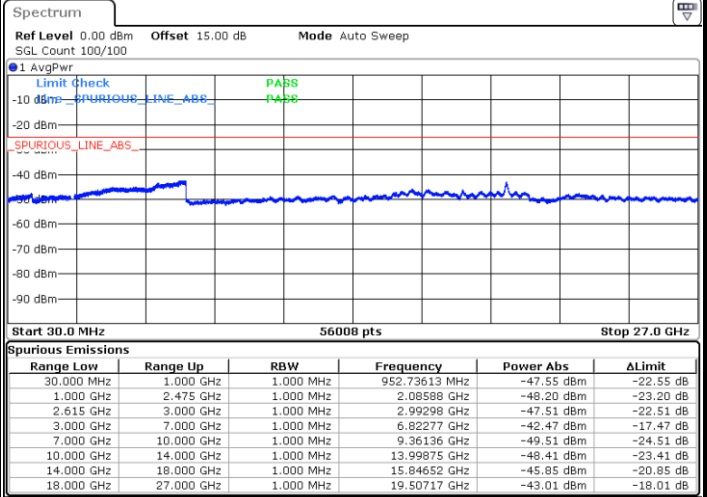
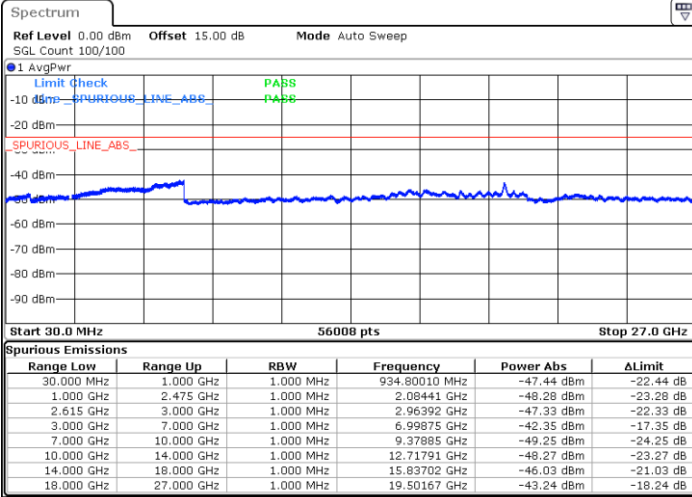


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

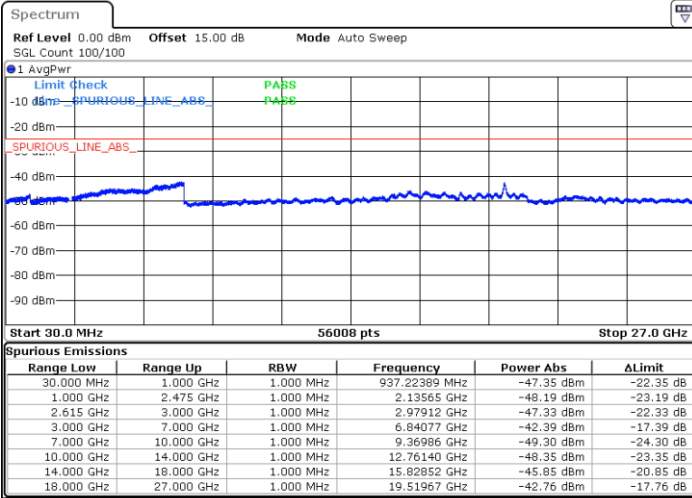


Date: 8 APR 2024 19:03:45

Date: 8 APR 2024 19:02:21

Highest Channel / 1RB99 and 1RB0

NA



Date: 8 APR 2024 19:17:49

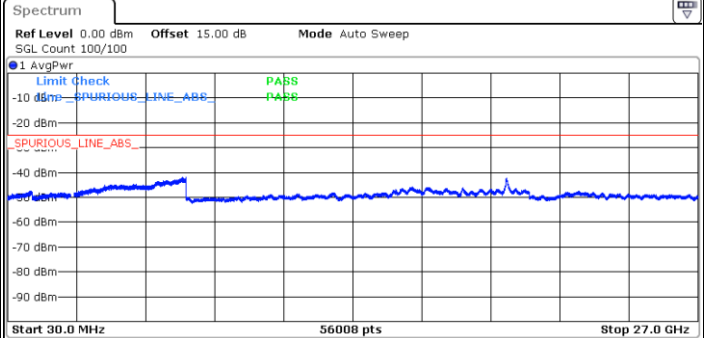
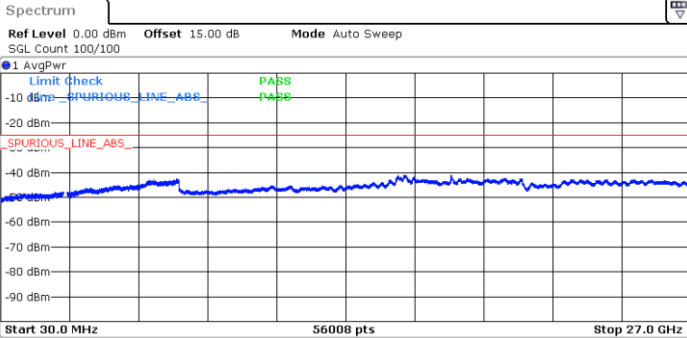


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-48.52 dBm	-23.52 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47076 GHz	-47.91 dBm	-22.91 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.95507 GHz	-47.22 dBm	-22.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90876 GHz	-42.63 dBm	-17.63 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94976 GHz	-46.33 dBm	-21.33 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.96875 GHz	-44.75 dBm	-19.75 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.80802 GHz	-41.03 dBm	-16.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72165 GHz	-42.29 dBm	-17.29 dB

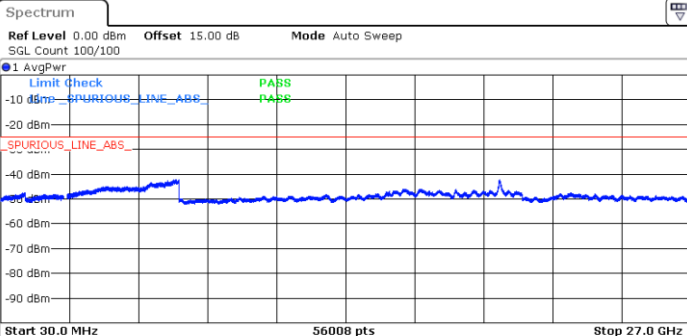
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-47.42 dBm	-22.42 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.07187 GHz	-48.07 dBm	-23.07 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.91929 GHz	-47.32 dBm	-22.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86927 GHz	-41.97 dBm	-16.97 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.36786 GHz	-49.33 dBm	-24.33 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99675 GHz	-48.18 dBm	-23.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.83552 GHz	-45.74 dBm	-20.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.51417 GHz	-42.28 dBm	-17.28 dB

Date: 10.APR.2024 13:37:18

Date: 9 APR 2024 10:20:32

Highest Channel / 1RB99 and 1RB0

NA



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	981.82159 MHz	-47.62 dBm	-22.62 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.11279 GHz	-48.06 dBm	-23.06 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97874 GHz	-47.31 dBm	-22.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-42.14 dBm	-17.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.35636 GHz	-49.42 dBm	-24.42 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.73691 GHz	-48.20 dBm	-23.20 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.83302 GHz	-46.02 dBm	-21.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.52567 GHz	-42.24 dBm	-17.24 dB

Date: 9 APR 2024 10:36:11

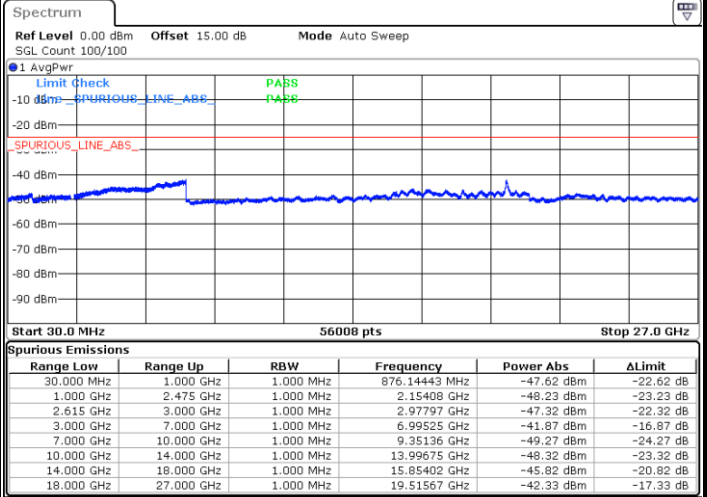
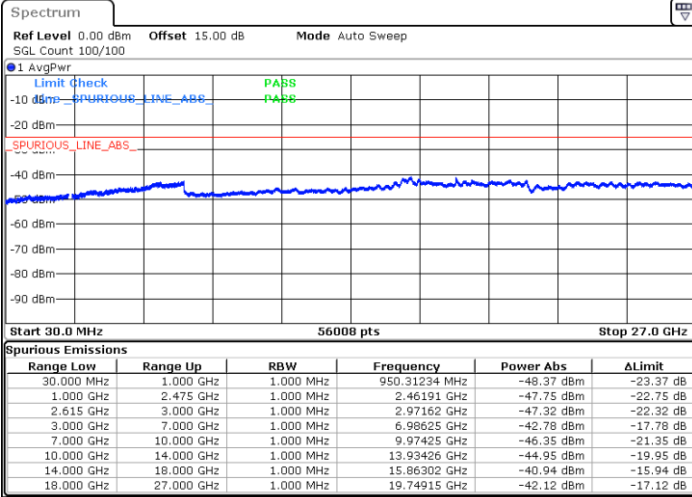


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

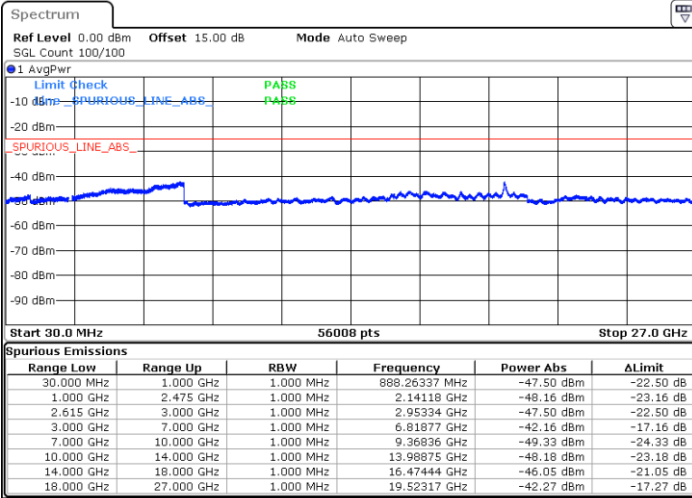


Date: 10.APR.2024 13:28:19

Date: 9 APR 2024 10:43:07

Highest Channel / 1RB99 and 1RB0

NA



Date: 9 APR 2024 10:58:07



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

RSE pretest all the support Antennas, only the worst results are shown in the report.

LTE Band 7 / 20MHz / QPSK / ANTO									
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	-61.84	-25	-36.84	-79.26	-67.40	7.14	12.70	H
	7578.27	-55.41	-25	-30.41	-77.60	-58.71	8.30	11.60	H
	10104.36	-51.91	-25	-26.91	-79.00	-53.43	10.48	12.00	H
	5052.18	-61.66	-25	-36.66	-79.01	-67.22	7.14	12.70	V
	7578.27	-55.49	-25	-30.49	-77.48	-58.79	8.30	11.60	V
	10104.36	-52.17	-25	-27.17	-78.77	-53.69	10.48	12.00	V

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

LTE Band 12 / 10MHz / QPSK / ANTO									
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	1406	-65.18	-13	-52.18	-73.26	-68.43	4.00	9.40	H
	2109	-65.12	-13	-52.12	-74.88	-68.69	4.88	10.60	H
	2812	-63.67	-13	-50.67	-75.69	-68.60	5.52	12.60	H
	1406	-64.88	-13	-51.88	-73.04	-68.13	4.00	9.40	V
	2109	-64.72	-13	-51.72	-74.85	-68.29	4.88	10.60	V
	2812	-63.50	-13	-50.50	-75.76	-68.43	5.52	12.60	V

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

LTE Band 13 / 5MHz / QPSK / ANTO									
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	1559.5	-67.08	-42.15	-24.93	-73.86	-70.33	4.00	9.40	H
	2339.25	-61.50	-13	-48.50	-72.29	-65.07	4.88	10.60	H
	3119	-63.89	-13	-50.89	-76.78	-68.82	5.52	12.60	H
	1559.5	-66.97	-42.15	-24.82	-73.96	-70.22	4.00	9.40	V
	2339.25	-64.41	-13	-51.41	-75.59	-67.98	4.88	10.60	V
	3119	-63.35	-13	-50.35	-76.75	-68.28	5.52	12.60	V

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



LTE Band 13 / 10MHz / QPSK / ANT0									
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	1559.5	-67.04	-42.15	-24.89	-73.82	-70.29	4.00	9.40	H
	2339.25	-64.39	-13	-51.39	-75.18	-67.96	4.88	10.60	H
	3119	-63.72	-13	-50.72	-76.61	-68.65	5.52	12.60	H
	1559.5	-66.83	-42.15	-24.68	-73.82	-70.08	4.00	9.40	V
	2339.25	-64.40	-13	-51.40	-75.58	-67.97	4.88	10.60	V
	3119	-63.19	-13	-50.19	-76.59	-68.12	5.52	12.60	V

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

LTE Band 41 / 20MHz / QPSK / ANT0									
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	-62.39	-25	-37.39	-79.91	-67.95	7.14	12.70	H
	7752.00	-55.95	-25	-30.95	-78.61	-59.25	8.30	11.60	H
	10336.00	-52.80	-25	-27.80	-79.81	-54.32	10.48	12.00	H
	5168.00	-62.50	-25	-37.50	-79.97	-68.06	7.14	12.70	V
	7752.00	-55.86	-25	-30.86	-78.49	-59.16	8.30	11.60	V
	10336.00	-52.99	-25	-27.99	-79.77	-54.51	10.48	12.00	V

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

LTE Band 7C / 20+20MHz / QPSK / ANT0									
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	-59.24	-25	-34.24	-78.71	-64.80	7.14	12.70	H
	7605.00	-55.54	-25	-30.54	-79.97	-58.84	8.30	11.60	H
	10140.00	-51.99	-25	-26.99	-80.90	-53.51	10.48	12.00	H
	5070.00	-59.32	-25	-34.32	-78.65	-64.88	7.14	12.70	V
	7605.00	-54.82	-25	-29.82	-79.75	-58.12	8.30	11.60	V
	10140.00	-53.26	-25	-28.26	-80.88	-54.78	10.48	12.00	V

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