



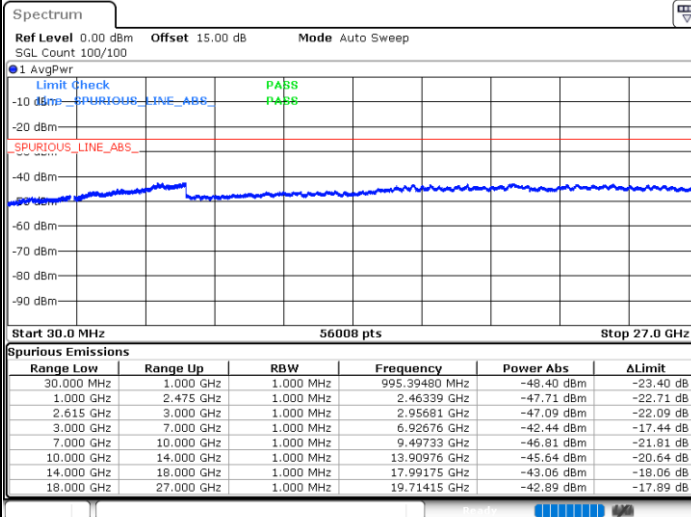
Conducted Spurious Emission

LTE Band 7C / 10MHz+20MHz

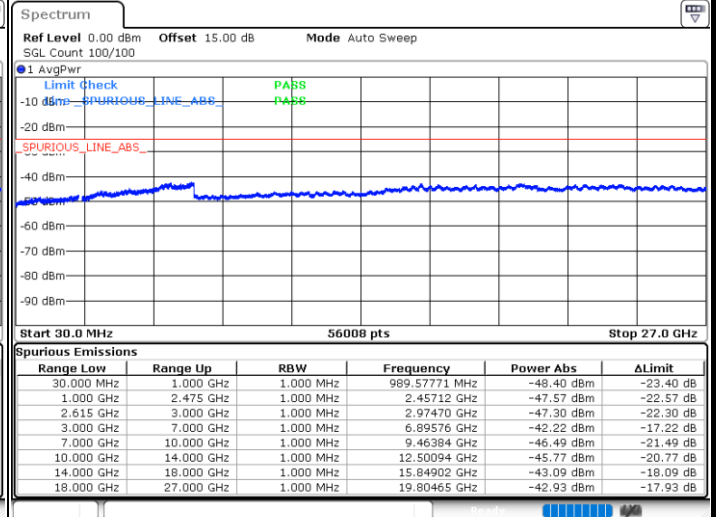
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



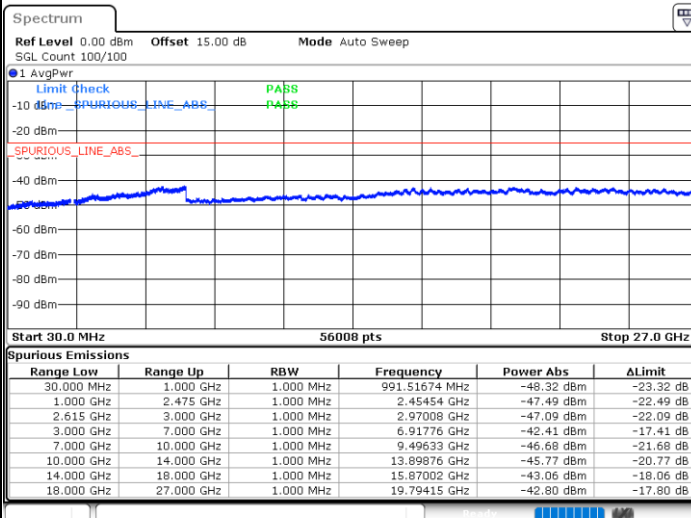
Date: 20.APR.2024 16:21:03



Date: 20.APR.2024 16:19:37

Highest Channel / 1RB49 and 1RB0

NA



Date: 20.APR.2024 16:39:07

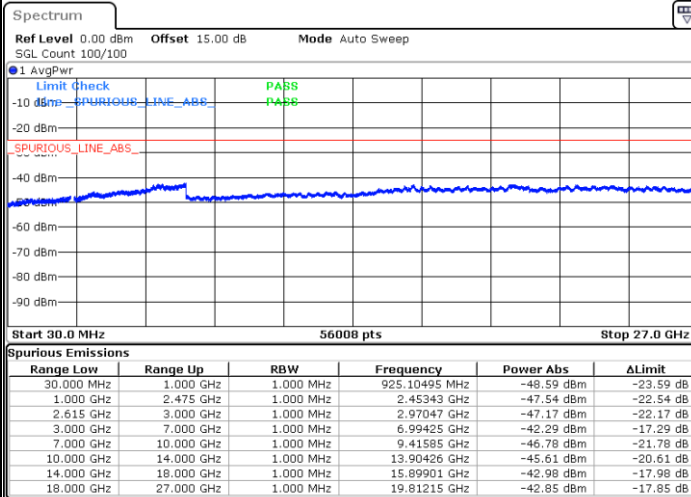


LTE Band 7C / 15MHz+10MHz

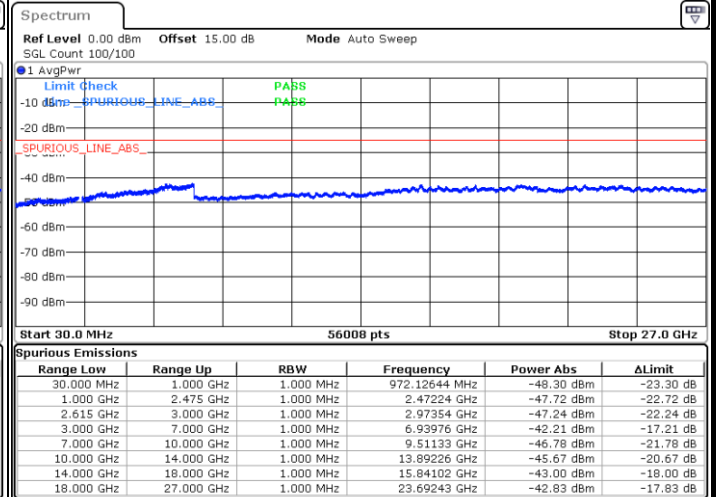
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



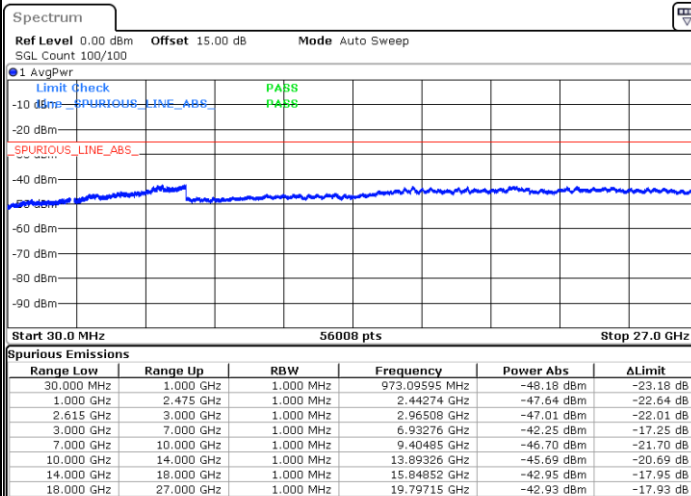
Date: 20.APR.2024 18:46:21



Date: 20.APR.2024 18:47:41

Highest Channel / 1RB74 and 1RB0

NA



Date: 20.APR.2024 19:16:45

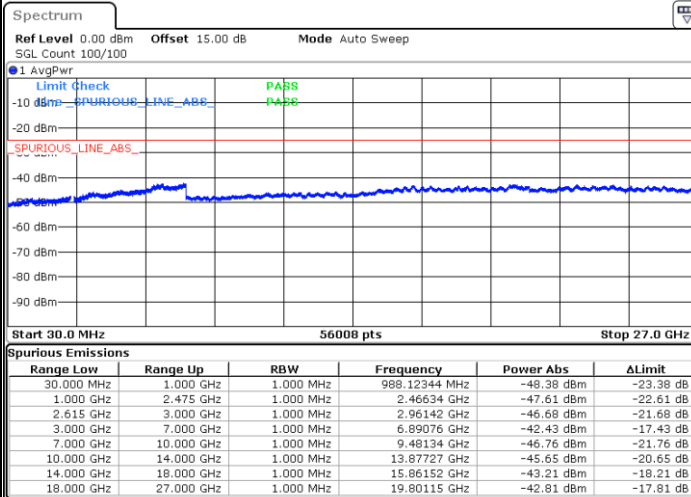


LTE Band 7C / 15MHz+15MHz

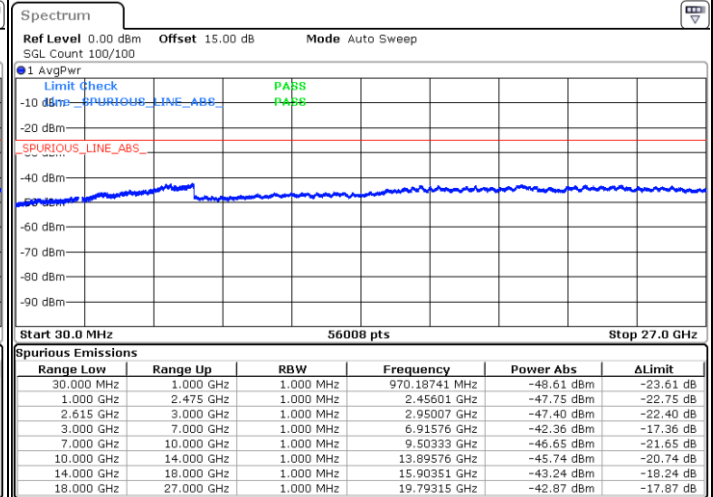
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



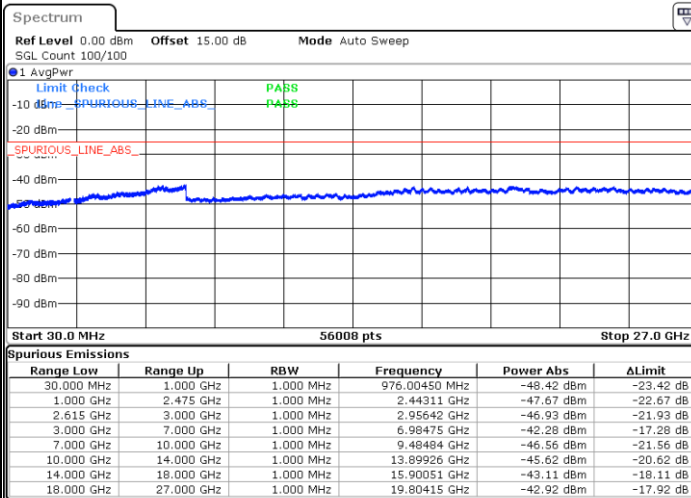
Date: 20.APR.2024 17:15:41



Date: 20.APR.2024 17:12:58

Highest Channel / 1RB74 and 1RB0

NA



Date: 20.APR.2024 17:33:34

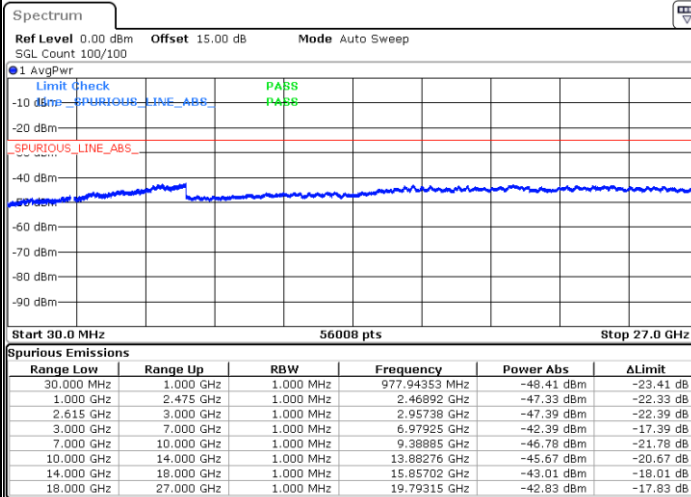


LTE Band 7C / 15MHz+20MHz

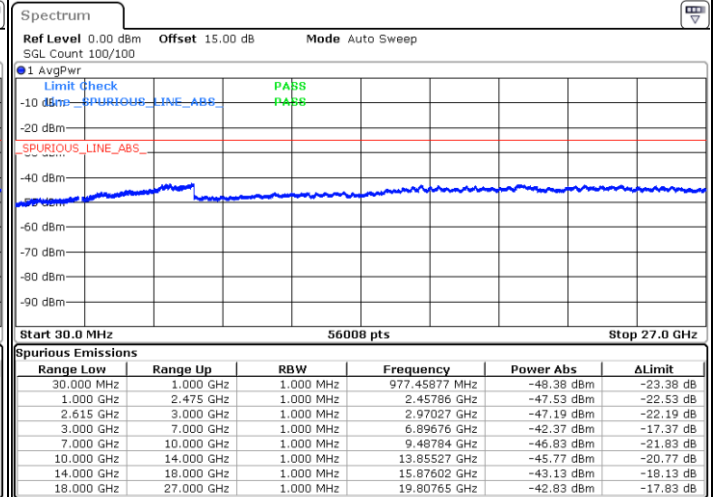
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



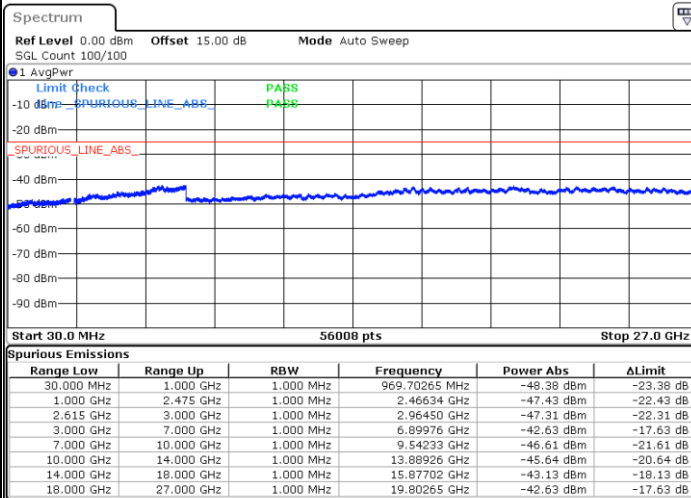
Date: 20.APR.2024 17:37:31



Date: 20.APR.2024 17:38:50

Highest Channel / 1RB74 and 1RB0

NA



Date: 20.APR.2024 17:57:18

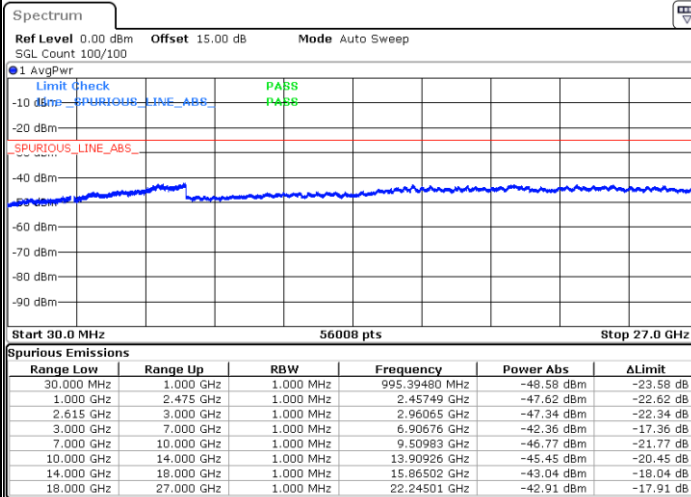


LTE Band 7C / 20MHz+10MHz

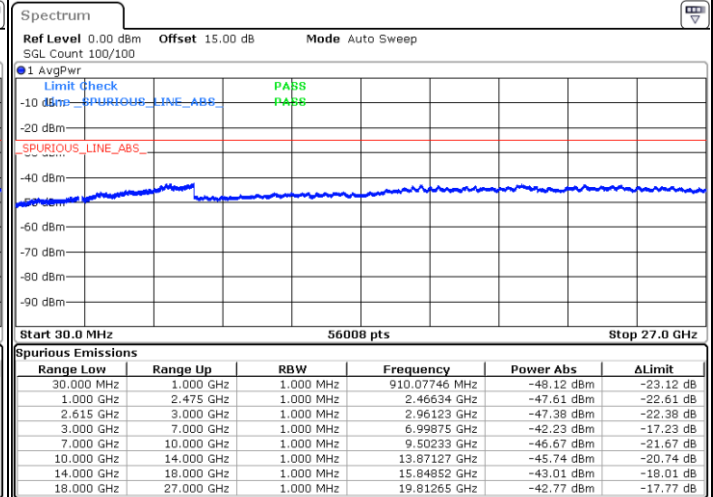
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



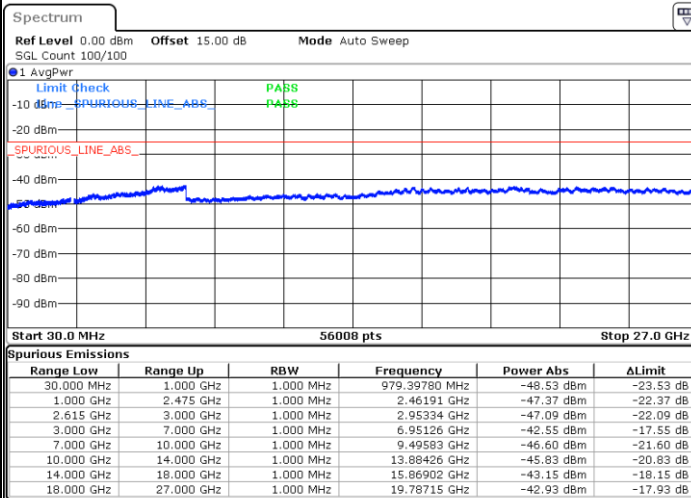
Date: 20.APR.2024 16:44:12



Date: 20.APR.2024 16:42:47

Highest Channel / 1RB99 and 1RB0

NA



Date: 20.APR.2024 17:09:04

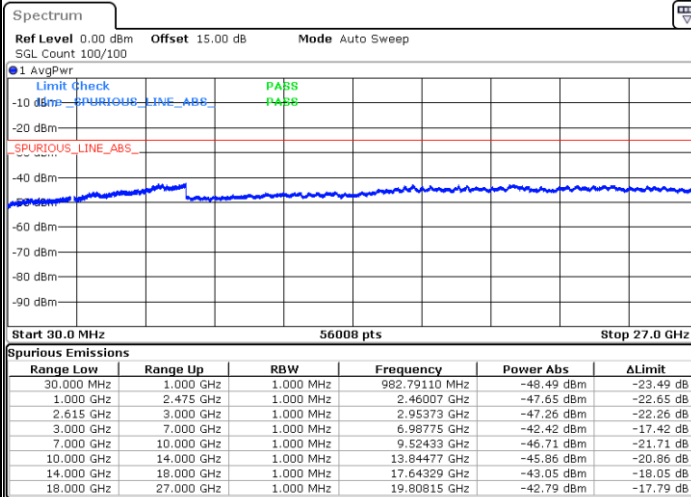


LTE Band 7C / 20MHz+15MHz

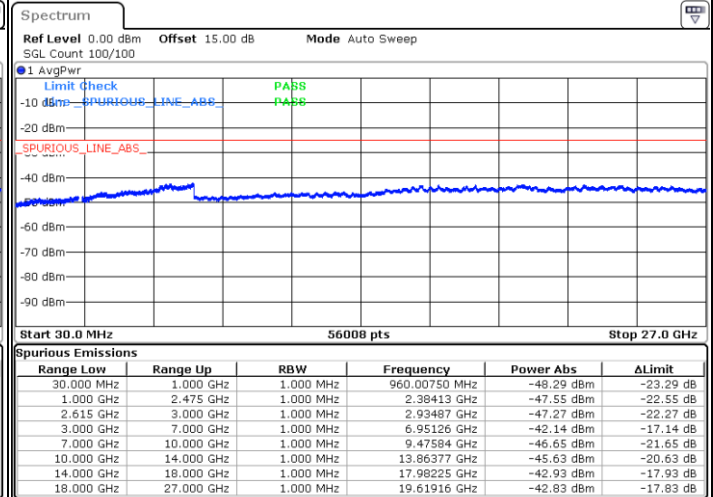
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



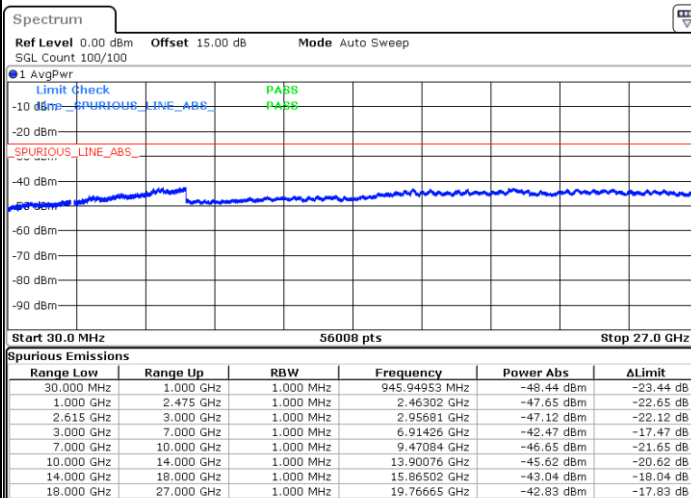
Date: 24.APR.2024 17:18:12



Date: 20.APR.2024 18:02:03

Highest Channel / 1RB99 and 1RB0

NA



Date: 20.APR.2024 18:20:33

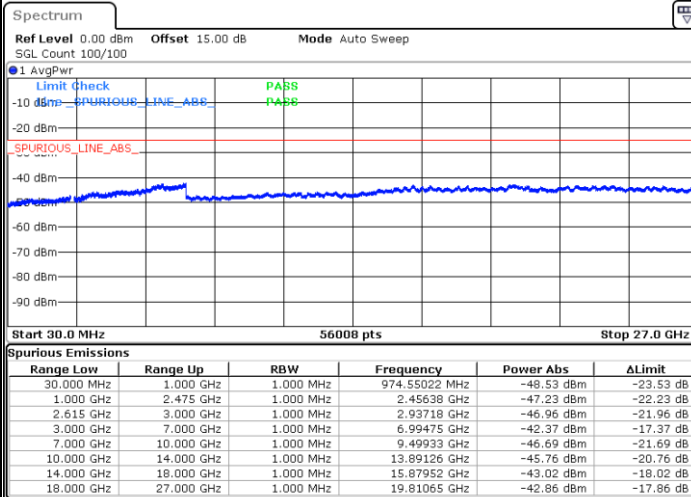


LTE Band 7C / 20MHz+20MHz

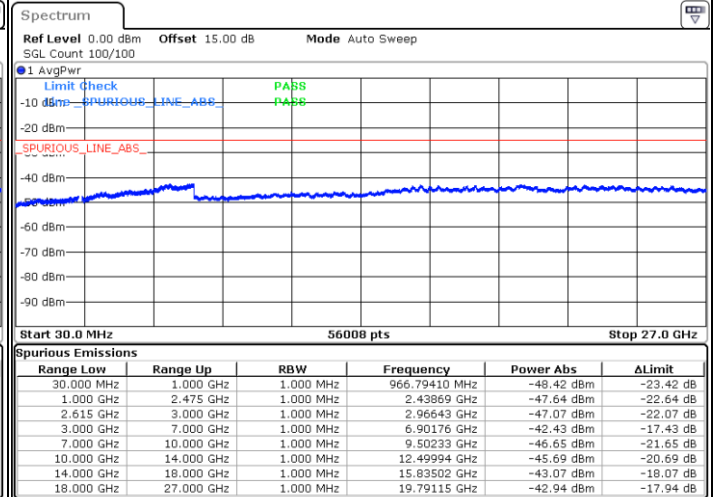
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



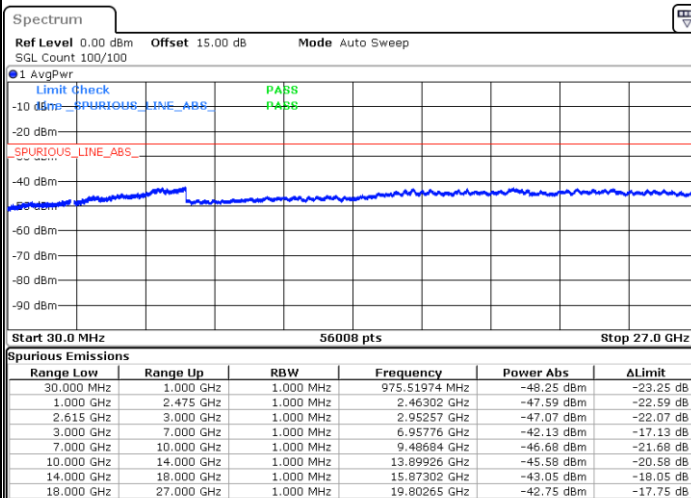
Date: 24.APR.2024 17:20:21



Date: 20.APR.2024 18:25:05

Highest Channel / 1RB99 and 1RB0

NA



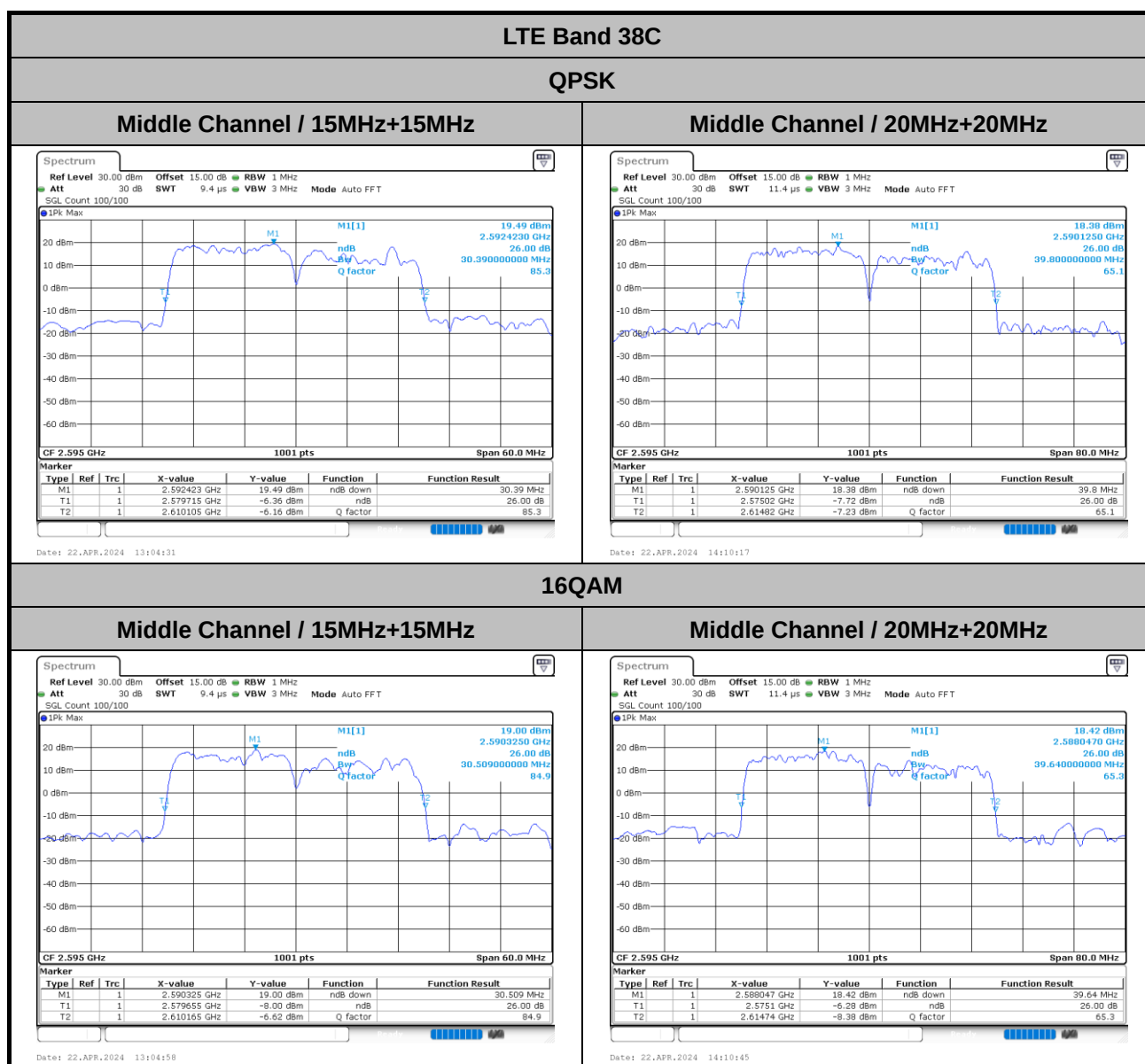
Date: 20.APR.2024 18:42:54



LTE Band 38C

26dB Bandwidth

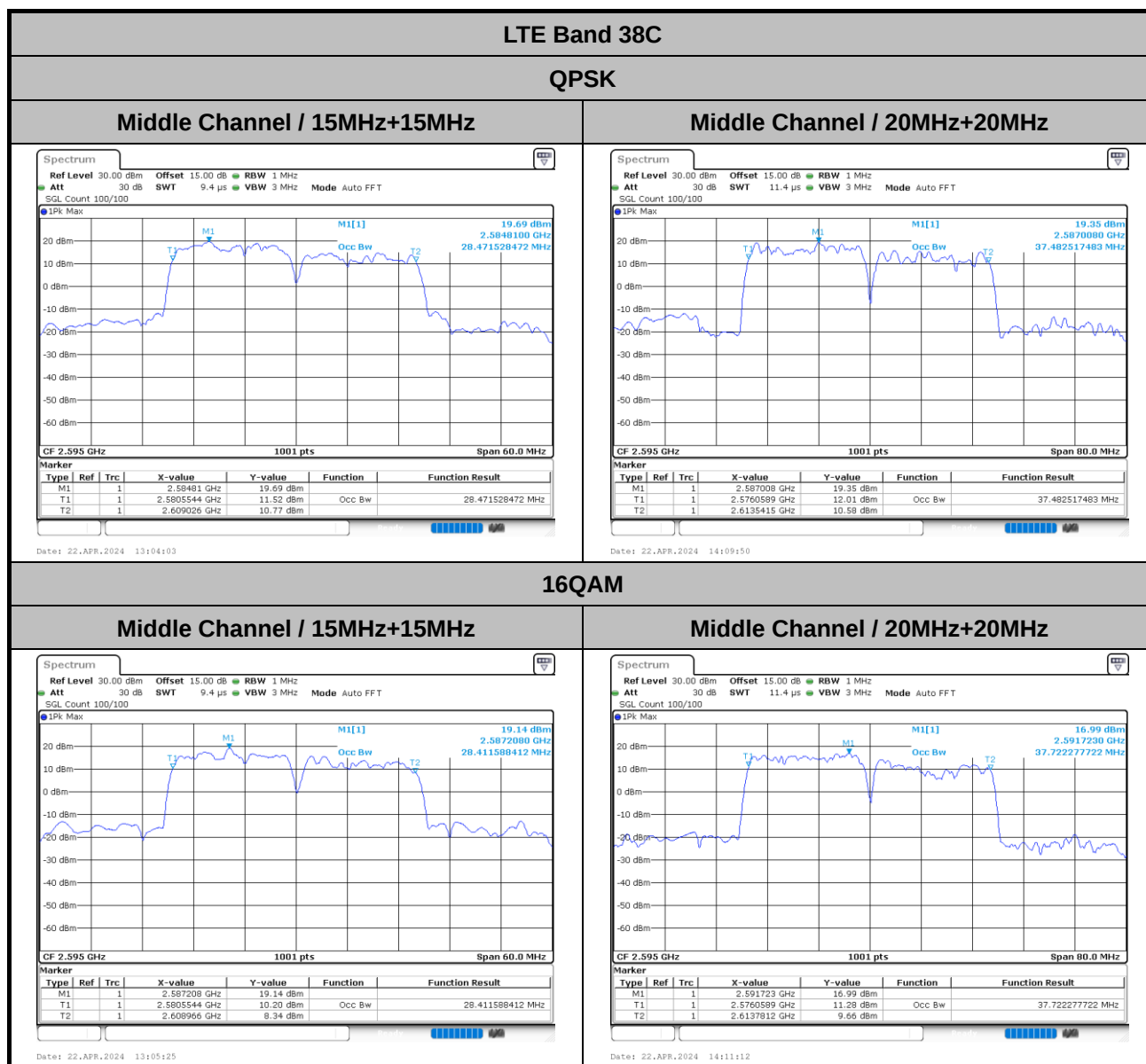
Mode	LTE Band 38C : 26dB BW(MHz)	
	QPSK	16QAM
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	30.39	30.51
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.80	39.64





Occupied Bandwidth

Mode	LTE Band 38C : 99%OBW(MHz)	
	QPSK	16QAM
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	28.47	28.41
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.48	37.72



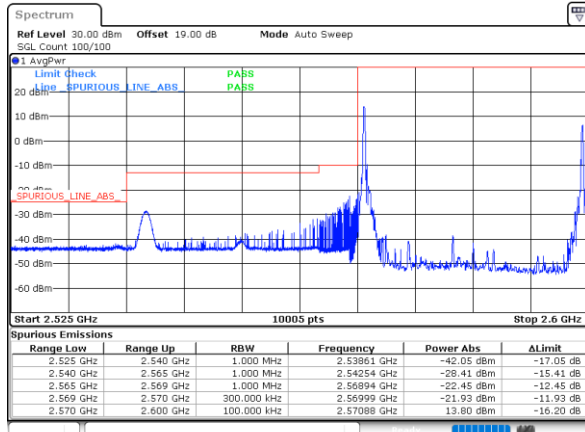


Conducted Band Edge

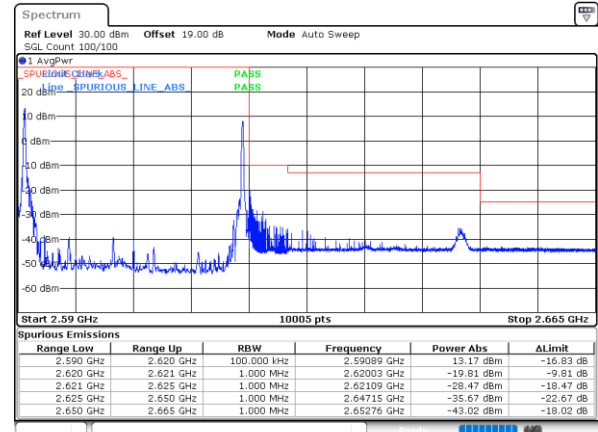
LTE Band 38C / 15MHz+15MHz

QPSK

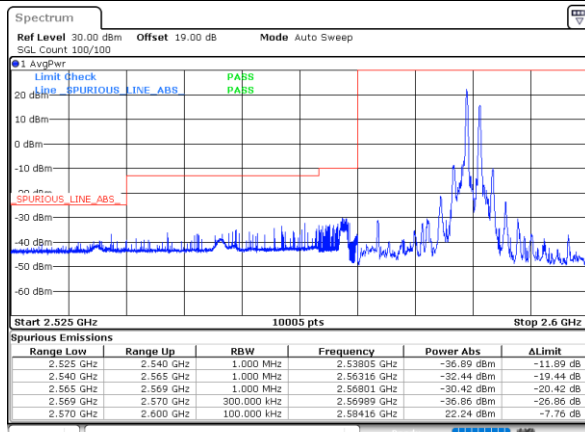
Lowest Band Edge / 1RB0 and 1RB74



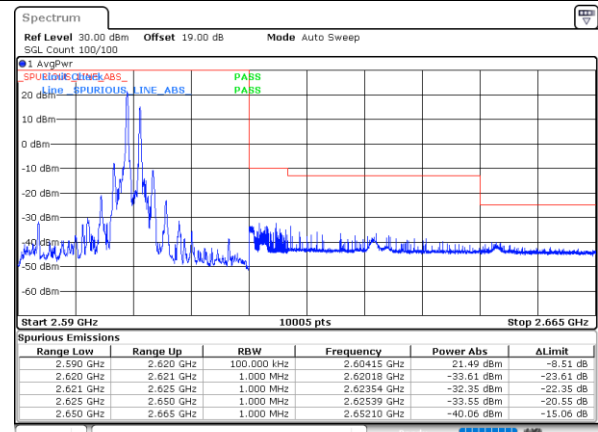
Highest Band Edge / 1RB0 and 1RB74



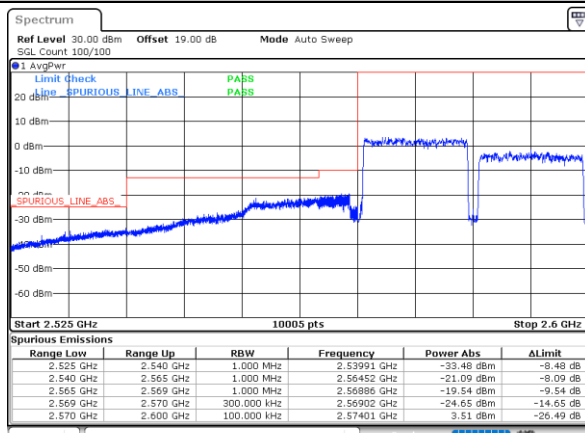
Lowest Band Edge / 1RB74 and 1RB0



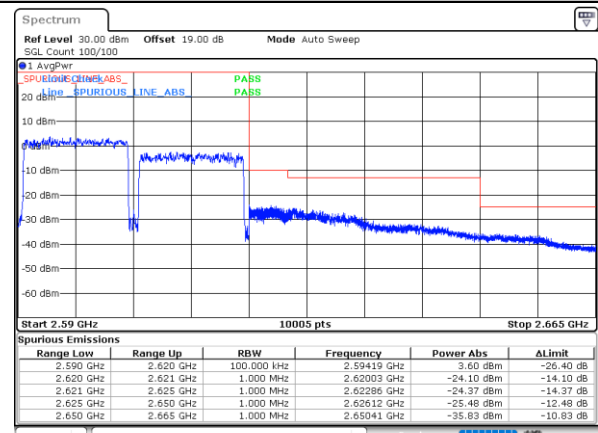
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

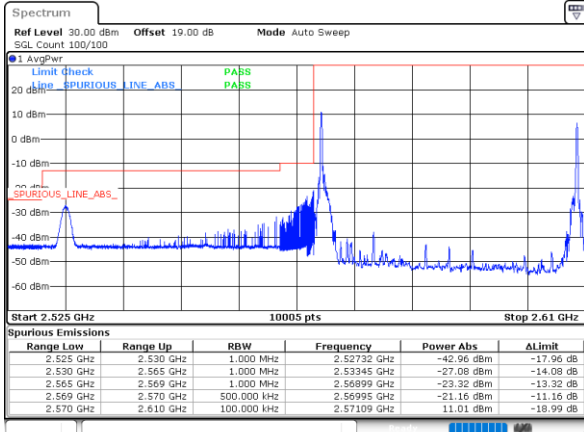




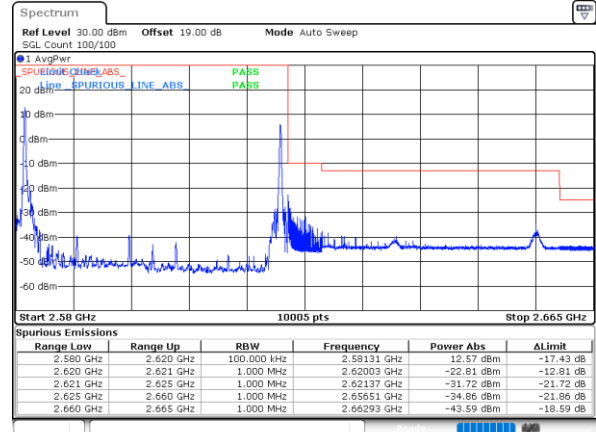
LTE Band 38C / 20MHz+20MHz

QPSK

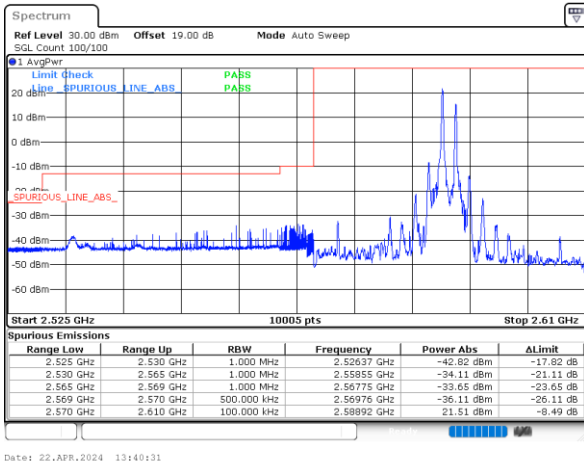
Lowest Band Edge / 1RB0 and 1RB99



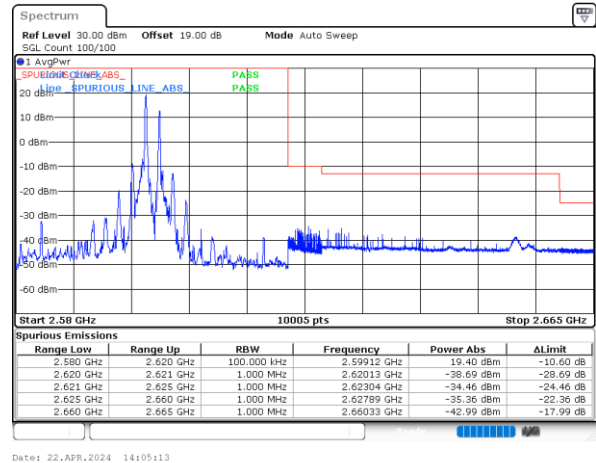
Highest Band Edge / 1RB0 and 1RB99



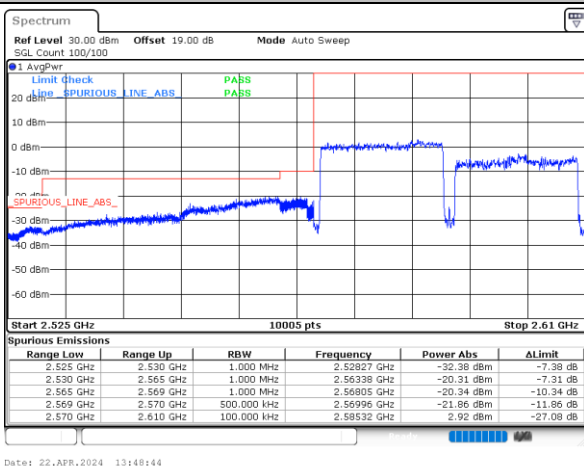
Lowest Band Edge / 1RB99 and 1RB0



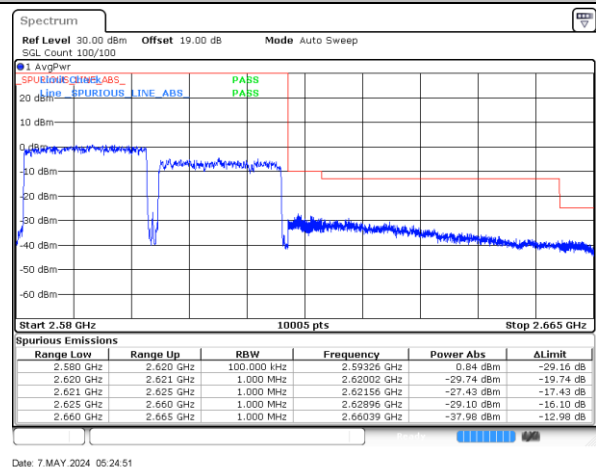
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

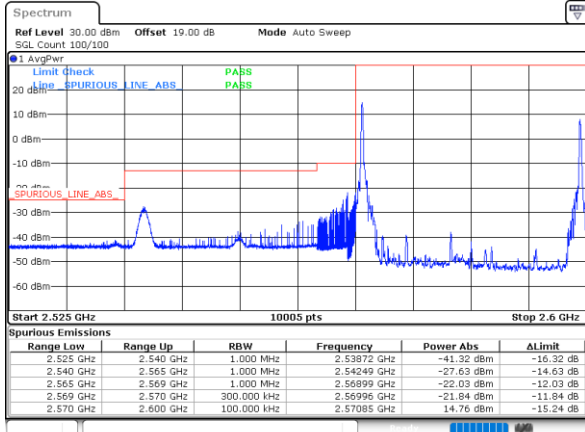




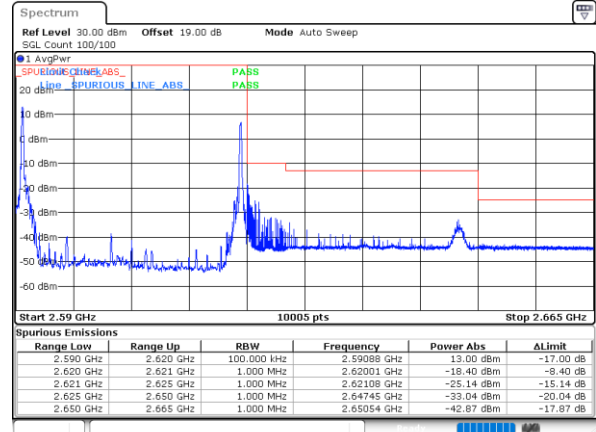
LTE Band 38C / 15MHz+15MHz

16QAM

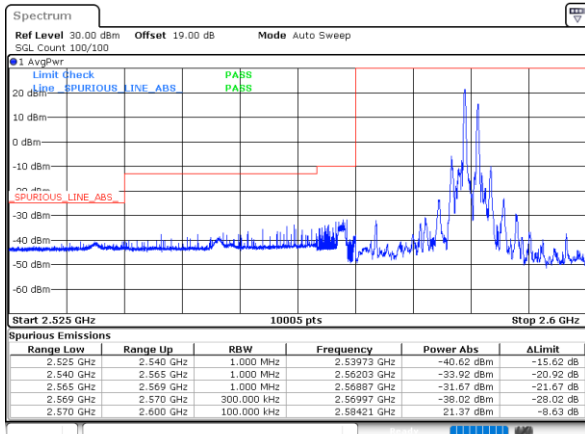
Lowest Band Edge / 1RB0 and 1RB74



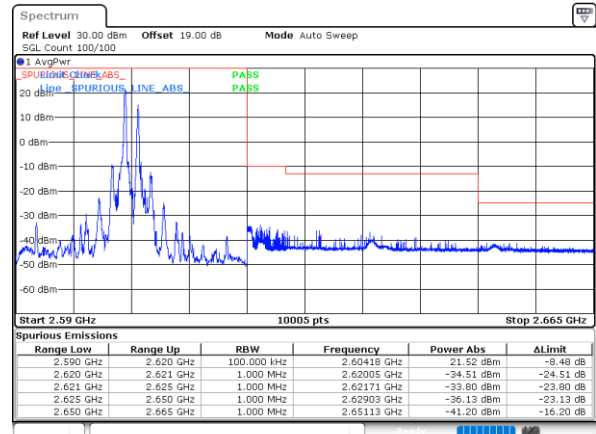
Highest Band Edge / 1RB0 and 1RB74



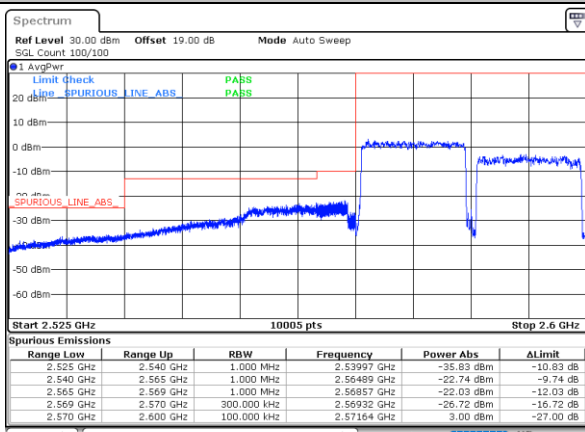
Lowest Band Edge / 1RB74 and 1RB0



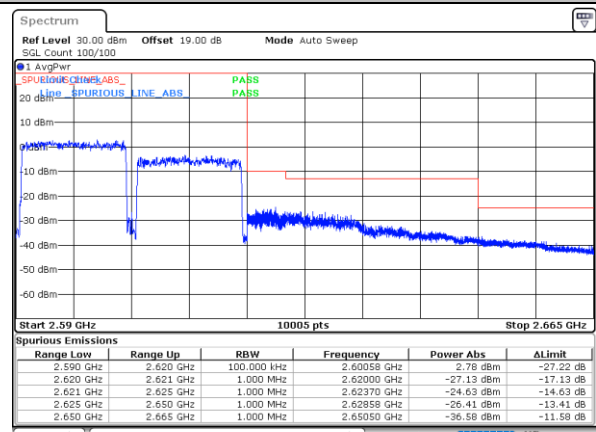
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

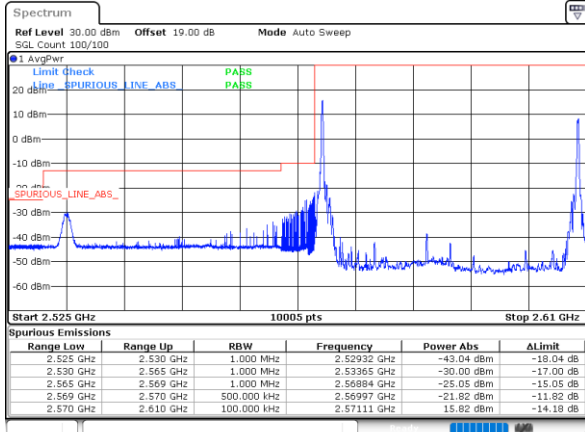




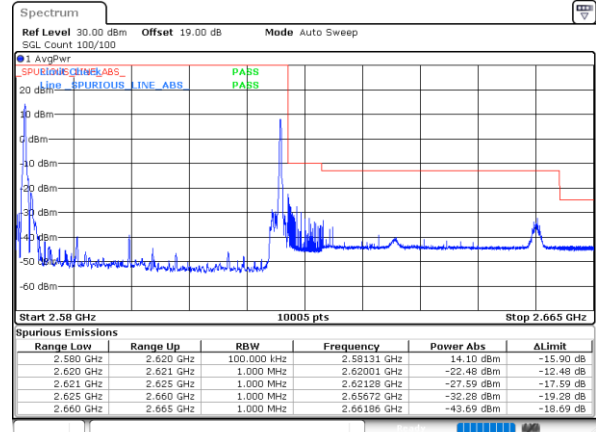
LTE Band 38C / 20MHz+20MHz

16QAM

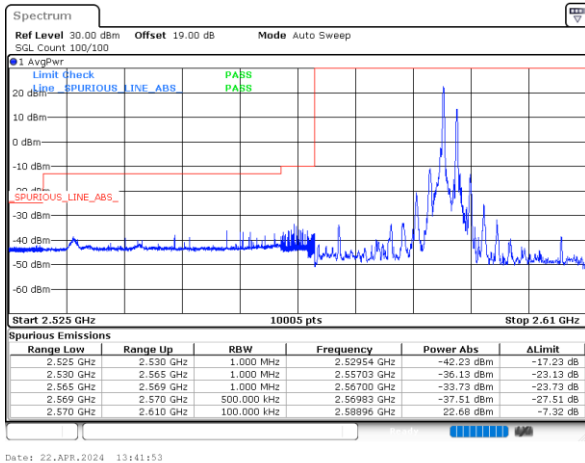
Lowest Band Edge / 1RB0 and 1RB99



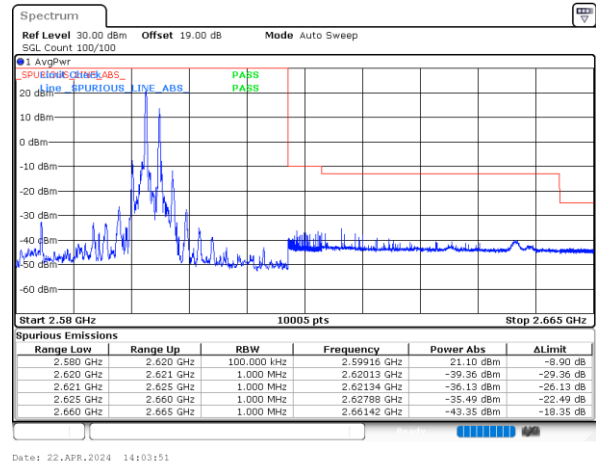
Highest Band Edge / 1RB0 and 1RB99



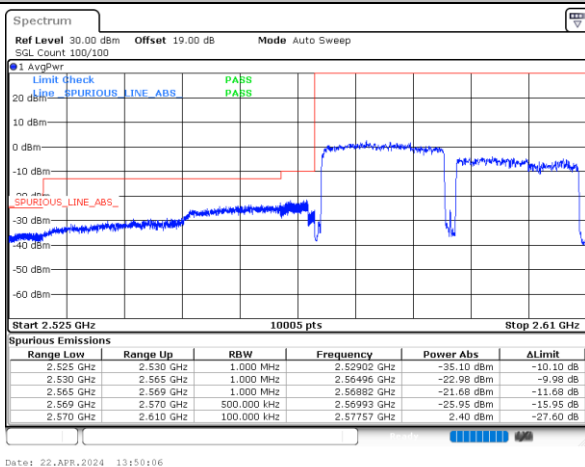
Lowest Band Edge / 1RB99 and 1RB0



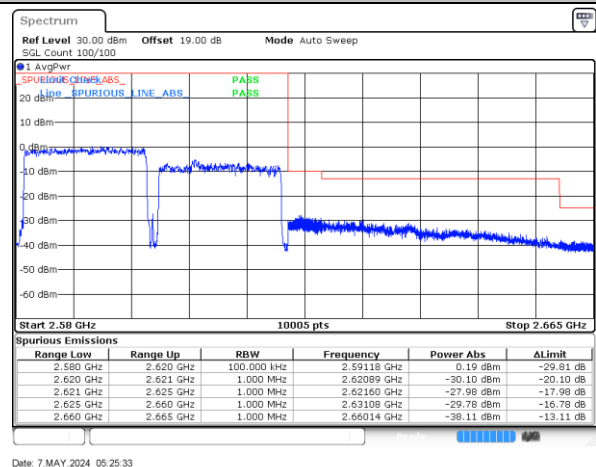
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

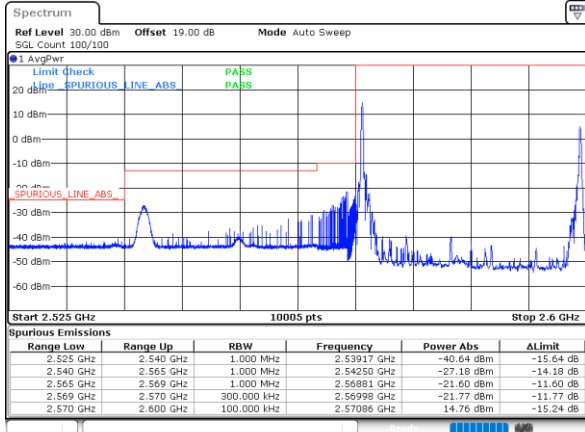




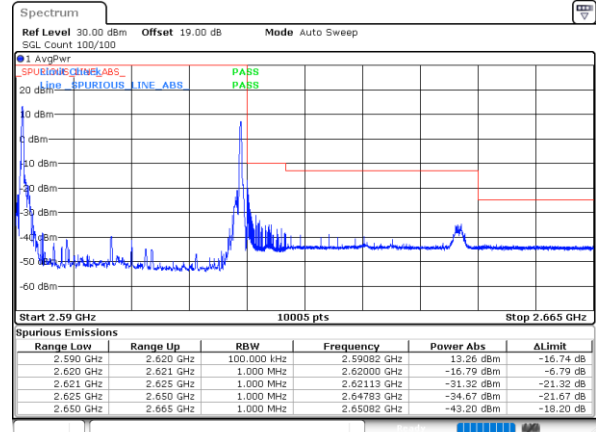
LTE Band 38C / 15MHz+15MHz

64QAM

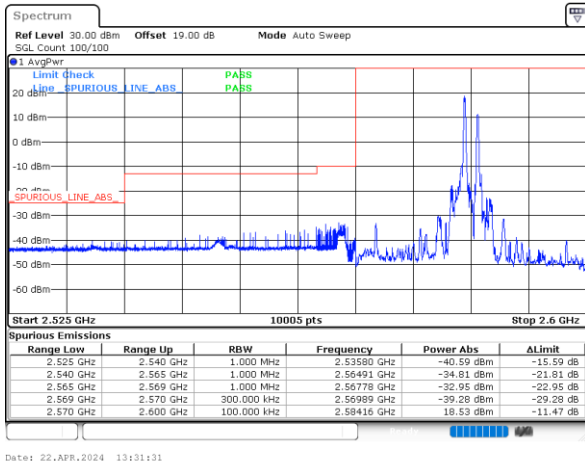
Lowest Band Edge / 1RB0 and 1RB74



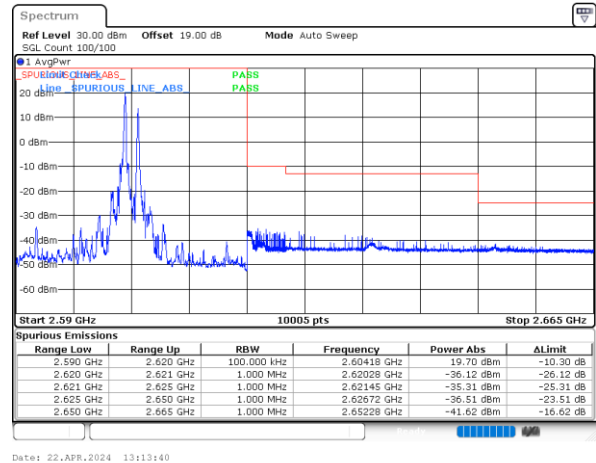
Highest Band Edge / 1RB0 and 1RB74



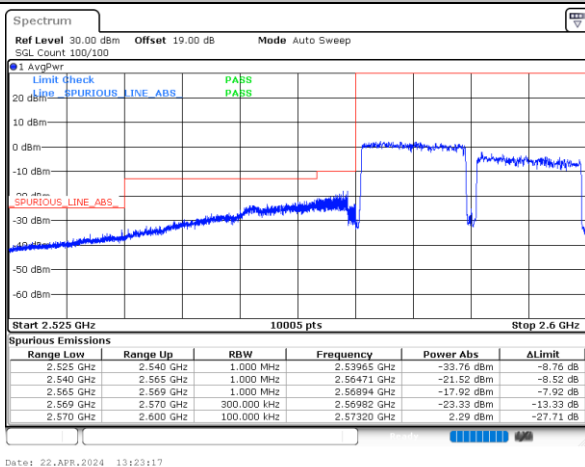
Lowest Band Edge / 1RB74 and 1RB0



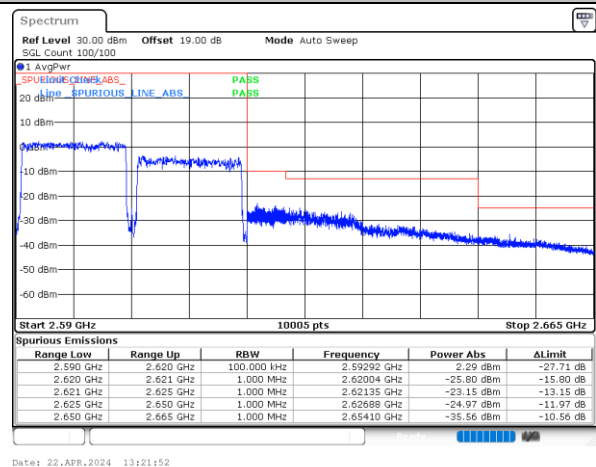
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

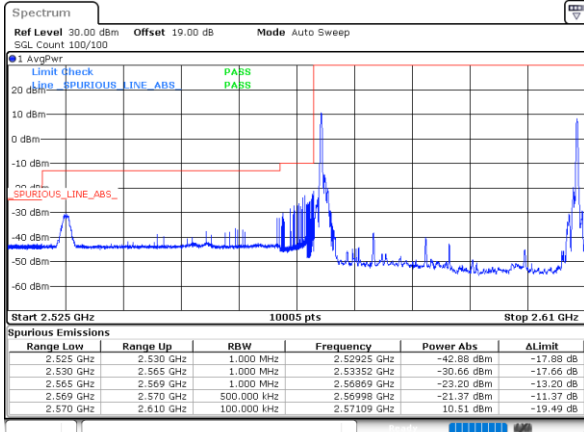




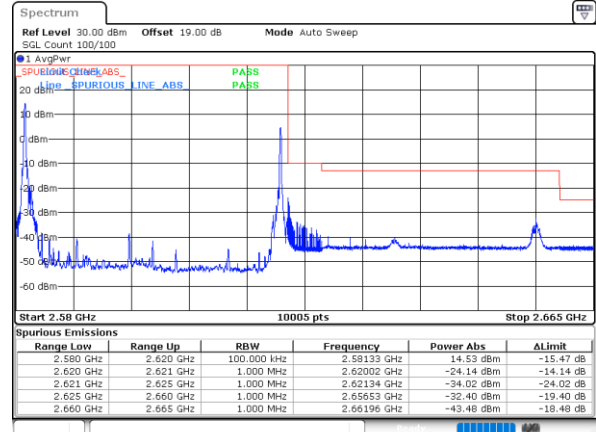
LTE Band 38C / 20MHz+20MHz

64QAM

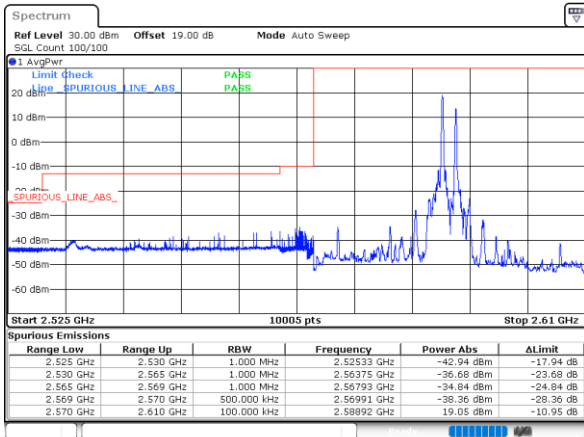
Lowest Band Edge / 1RB0 and 1RB99



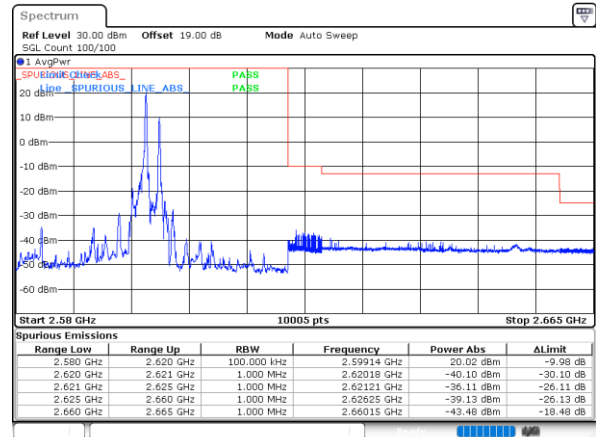
Highest Band Edge / 1RB0 and 1RB99



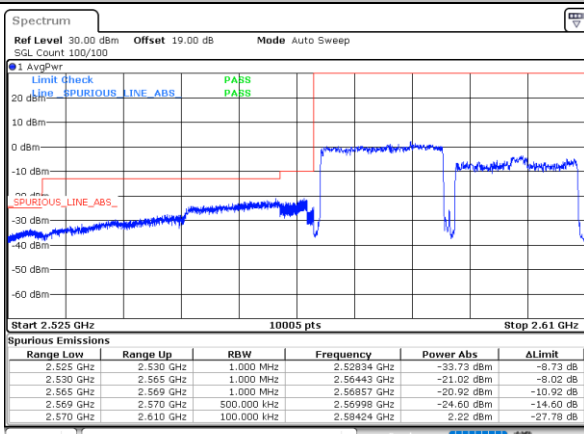
Lowest Band Edge / 1RB99 and 1RB0



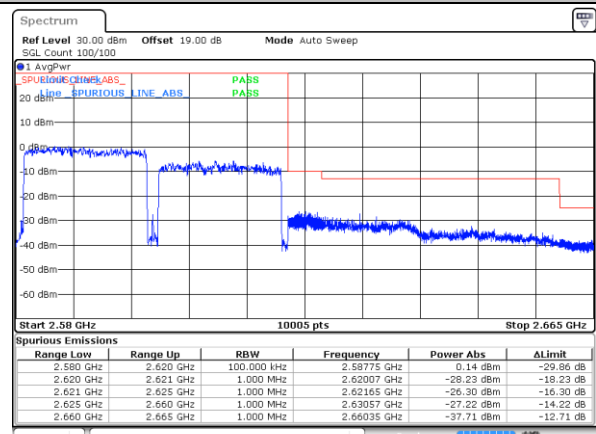
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





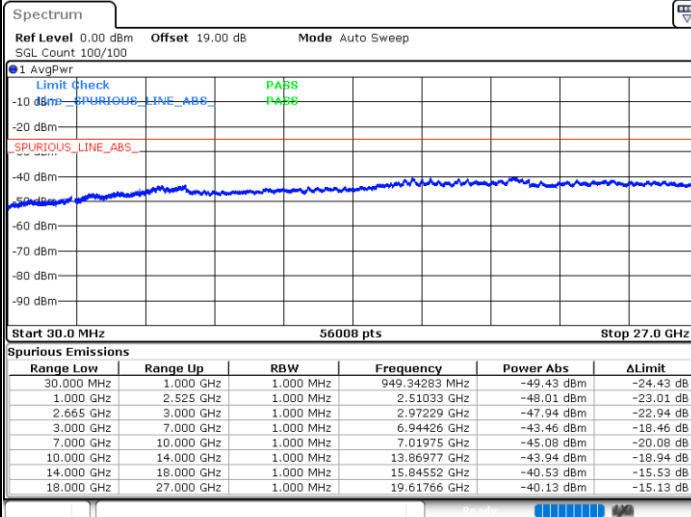
Conducted Spurious Emission

LTE Band 38C / 15MHz+15MHz

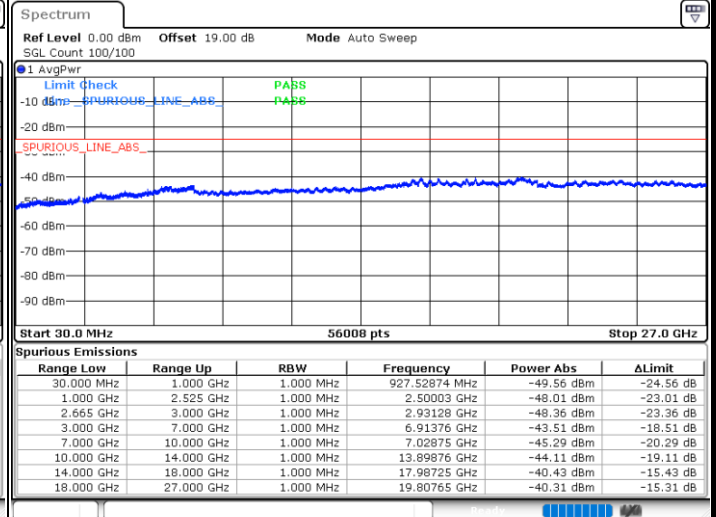
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0



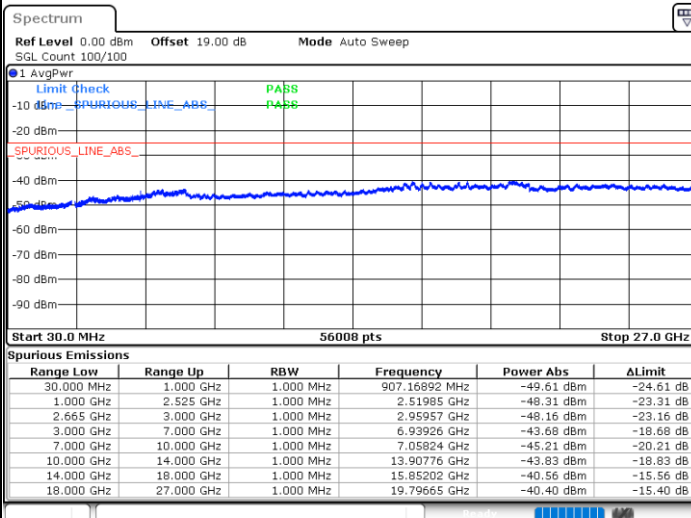
Date: 22.APR.2024 13:35:37



Date: 22.APR.2024 13:06:46

Highest Channel / 1RB74 and 1RB0

NA



Date: 22.APR.2024 13:09:34

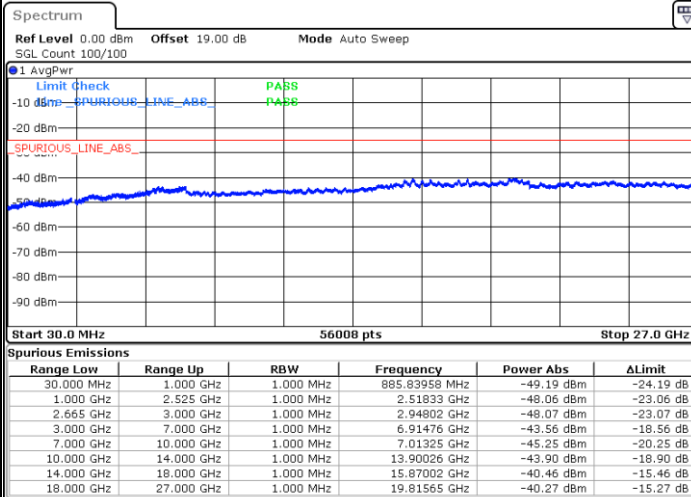


LTE Band 38C / 20MHz+20MHz

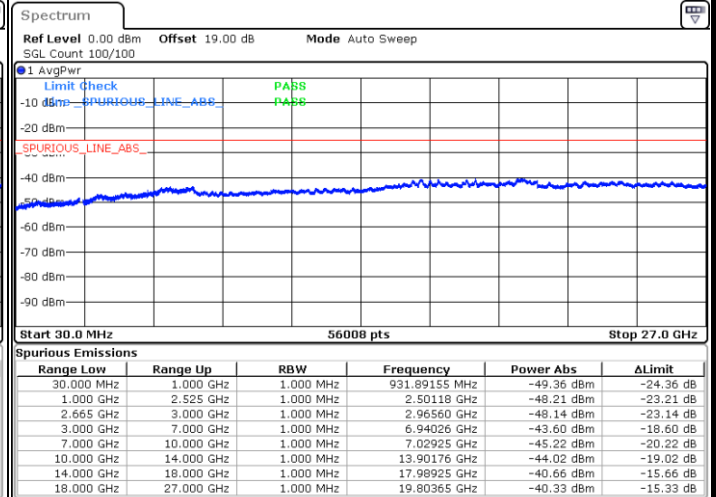
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0



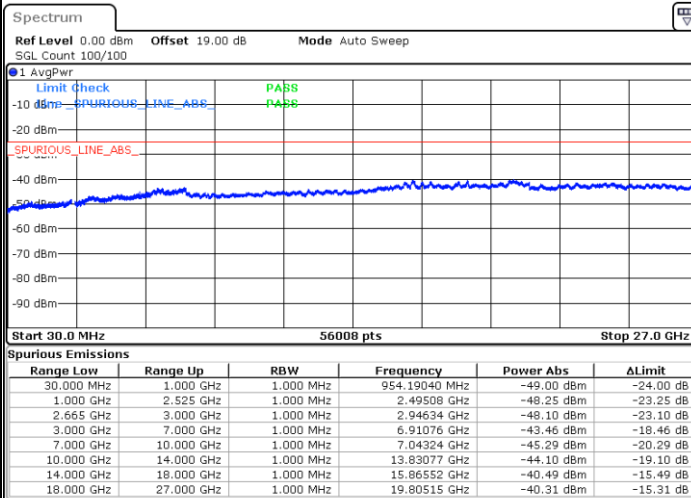
Date: 22.APR.2024 13:39:09



Date: 22.APR.2024 14:09:22

Highest Channel / 1RB99 and 1RB0

NA



Date: 22.APR.2024 14:06:34



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Qingsheng He	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									
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	-59.52	-25	-34.52	-78.98	-65.08	7.14	12.70	H
	7578.27	-56.07	-25	-31.07	-80.56	-59.37	8.30	11.60	H
	10104.36	-52.02	-25	-27.02	-80.95	-53.54	10.48	12.00	H
	5052.18	-59.26	-25	-34.26	-78.61	-64.82	7.14	12.70	V
	7578.27	-55.81	-25	-30.81	-80.78	-59.11	8.30	11.60	V
	10104.36	-53.52	-25	-28.52	-81.11	-55.04	10.48	12.00	V

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

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	-65.38	-13	-52.38	-74.08	-68.63	4.00	9.40	H
	2109	-64.16	-13	-51.16	-75.41	-67.73	4.88	10.60	H
	2812	-63.10	-13	-50.10	-76.63	-68.03	5.52	12.60	H
	1406	-65.43	-13	-52.43	-74.02	-68.68	4.00	9.40	V
	2109	-64.19	-13	-51.19	-75.67	-67.76	4.88	10.60	V
	2812	-63.11	-13	-50.11	-76.57	-68.04	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	-64.88	-42.15	-22.73	-73.79	-68.13	4.00	9.40	H
	2339.25	-63.86	-13	-50.86	-75.72	-67.43	4.88	10.60	H
	3119	-61.72	-13	-48.72	-76.16	-66.65	5.52	12.60	H
	1559.5	-64.69	-42.15	-22.54	-73.37	-67.94	4.00	9.40	V
	2339.25	-64.18	-13	-51.18	-76.05	-67.75	4.88	10.60	V
	3119	-61.75	-13	-48.75	-76.00	-66.68	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	-64.83	-42.15	-22.68	-73.74	-68.08	4.00	9.40	H
	2339.25	-64.09	-13	-51.09	-75.95	-67.66	4.88	10.60	H
	3119	-61.71	-13	-48.71	-76.15	-66.64	5.52	12.60	H
	1559.5	-64.92	-42.15	-22.77	-73.60	-68.17	4.00	9.40	V
	2339.25	-64.05	-13	-51.05	-75.92	-67.62	4.88	10.60	V
	3119	-61.70	-13	-48.70	-75.95	-66.63	5.52	12.60	V

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

LTE Band 41 / 20MHz / 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	5168.00	-60.34	-25	-35.34	-79.92	-65.90	7.14	12.70	H
	7752.00	-55.84	-25	-30.84	-79.87	-59.14	8.30	11.60	H
	10336.00	-51.85	-25	-26.85	-80.62	-53.37	10.48	12.00	H
	5168.00	-60.69	-25	-35.69	-79.95	-66.25	7.14	12.70	V
	7752.00	-55.38	-25	-30.38	-80.05	-58.68	8.30	11.60	V
	10336.00	-52.41	-25	-27.41	-80.18	-53.93	10.48	12.00	V

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

LTE Band 7C / 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	5070.00	-58.30	-25	-33.30	-77.77	-63.86	7.14	12.70	H
	7605.00	-54.71	-25	-29.71	-79.14	-58.01	8.30	11.60	H
	10140.00	-50.82	-25	-25.82	-79.73	-52.34	10.48	12.00	H
	5070.00	-58.43	-25	-33.43	-77.76	-63.99	7.14	12.70	V
	7605.00	-54.25	-25	-29.25	-79.18	-57.55	8.30	11.60	V
	10140.00	-51.68	-25	-26.68	-79.3	-53.20	10.48	12.00	V

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

LTE Band 38C / 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	5152.20	-58.78	-25	-33.78	-78.35	-64.34	7.14	12.70	H
	7728.30	-54.87	-25	-29.87	-78.96	-58.17	8.30	11.60	H
	10304.40	-51.21	-25	-26.21	-80.01	-52.73	10.48	12.00	H
	5152.20	-59.40	-25	-34.40	-78.68	-64.96	7.14	12.70	V
	7728.30	-54.36	-25	-29.36	-79.07	-57.66	8.30	11.60	V
	10304.40	-52.13	-25	-27.13	-79.88	-53.65	10.48	12.00	V

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