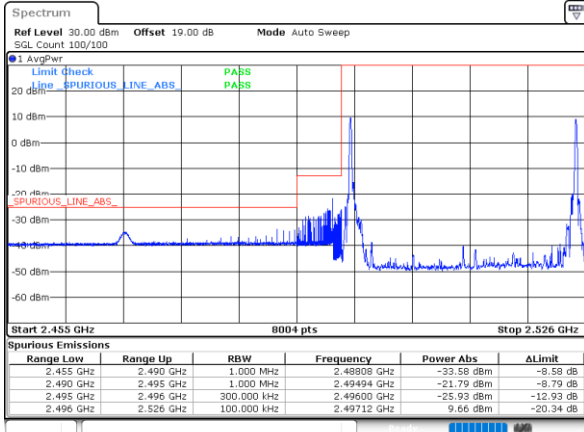




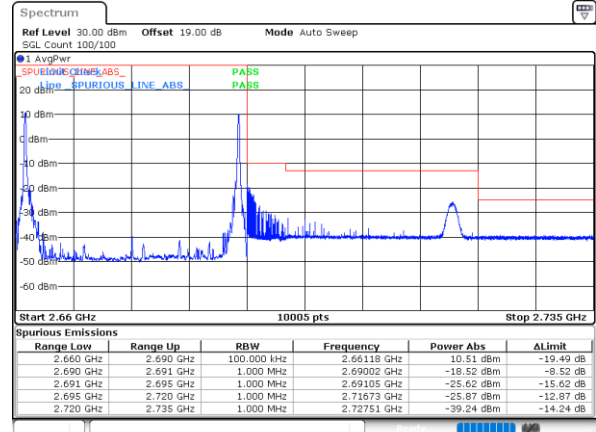
LTE Band 41C / 20MHz+10MHz

16QAM

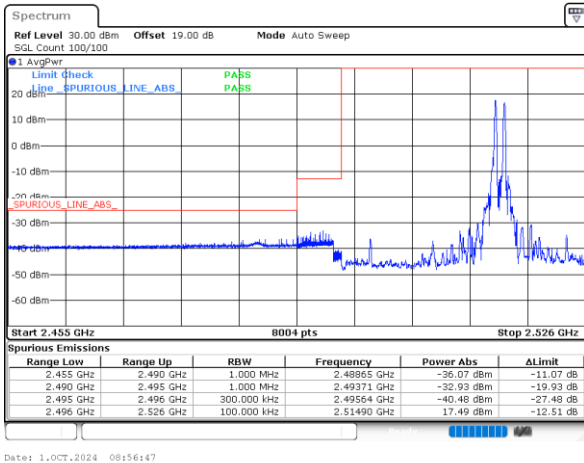
Lowest Band Edge / 1RB0 and 1RB49



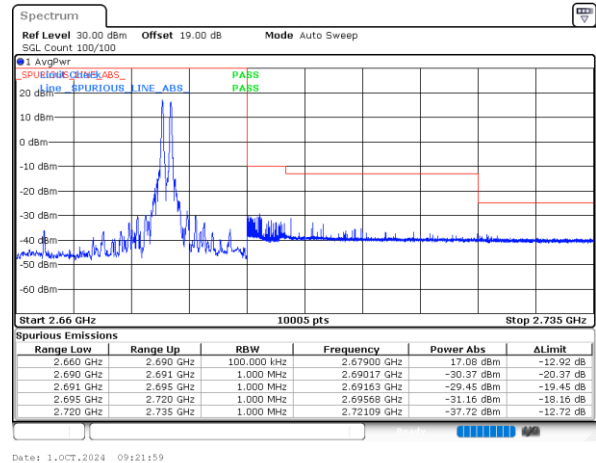
Highest Band Edge / 1RB0 and 1RB49



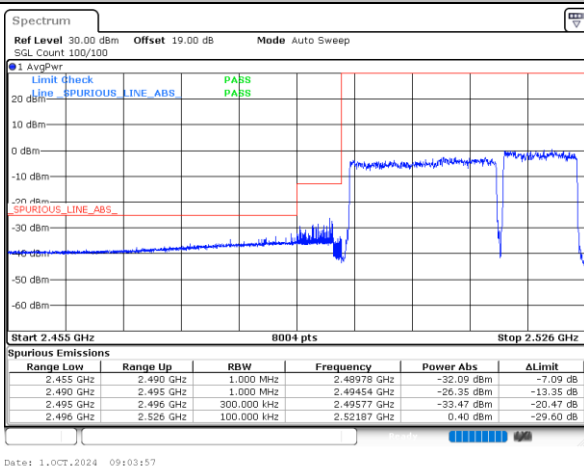
Lowest Band Edge / 1RB99 and 1RB0



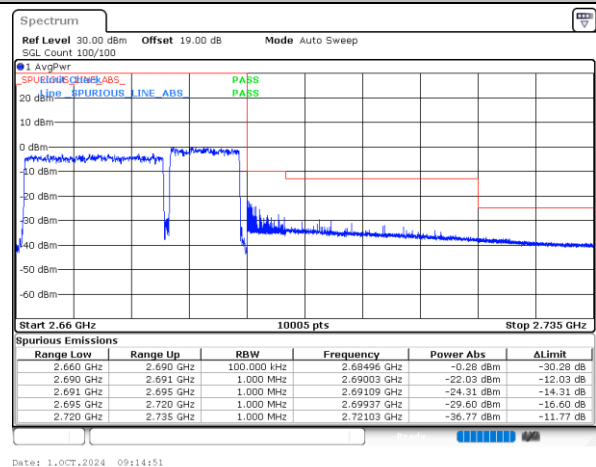
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

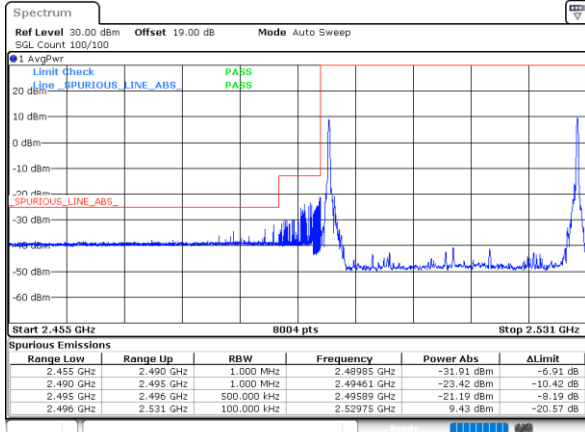




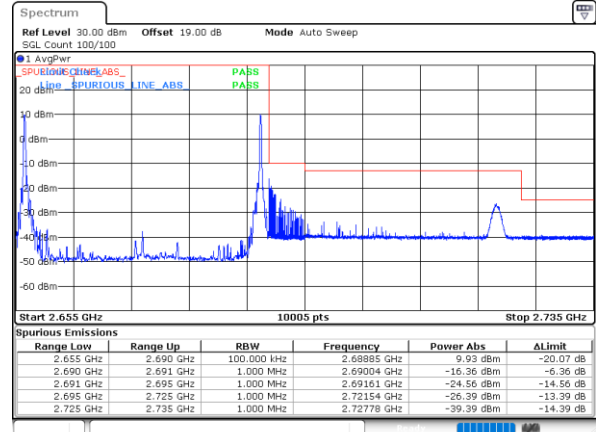
LTE Band 41C / 20MHz+15MHz

16QAM

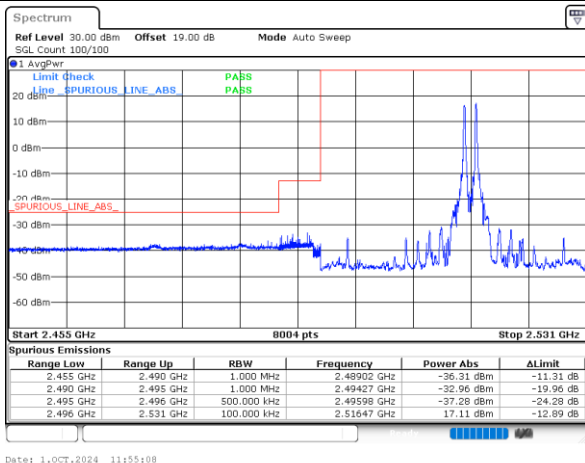
Lowest Band Edge / 1RB0 and 1RB74



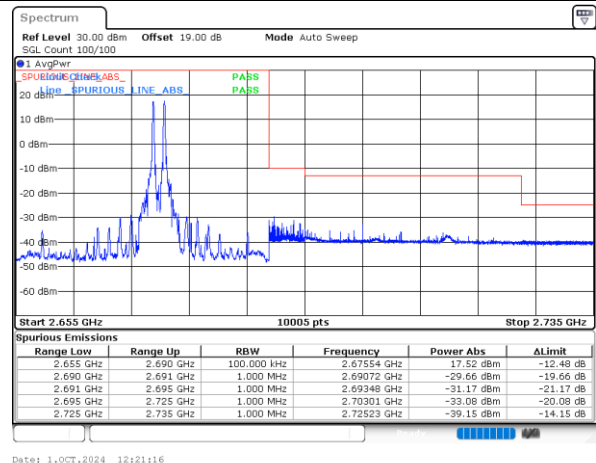
Highest Band Edge / 1RB0 and 1RB74



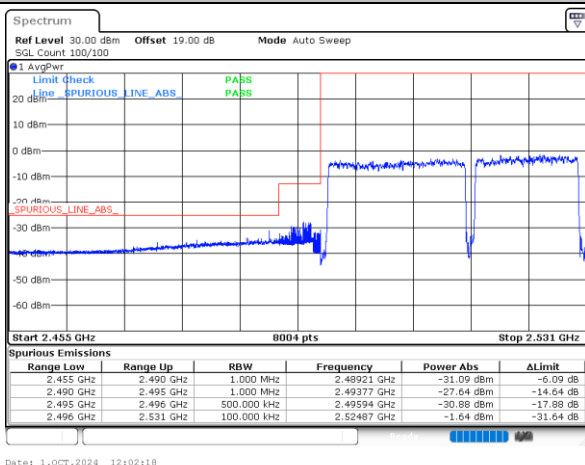
Lowest Band Edge / 1RB99 and 1RB0



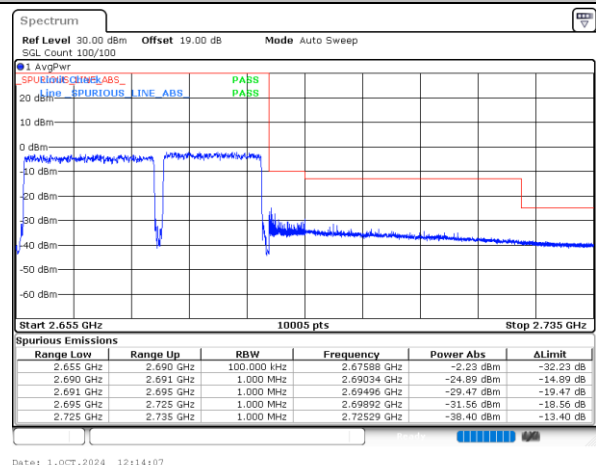
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

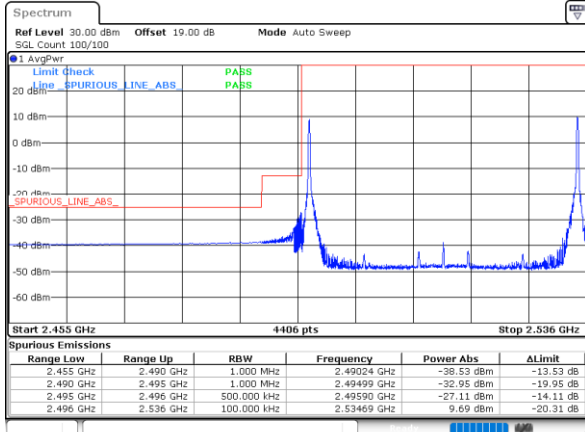




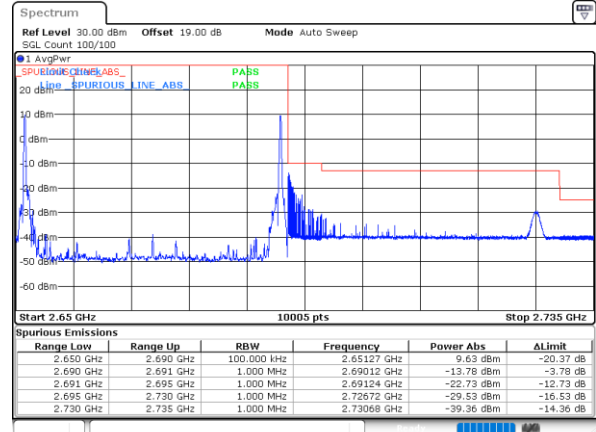
LTE Band 41C / 20MHz+20MHz

16QAM

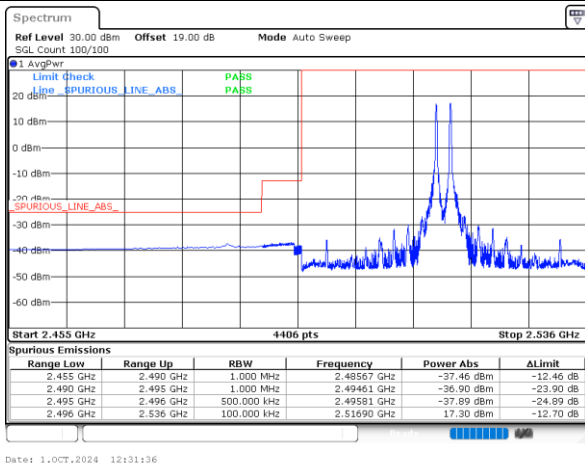
Lowest Band Edge / 1RB0 and 1RB99



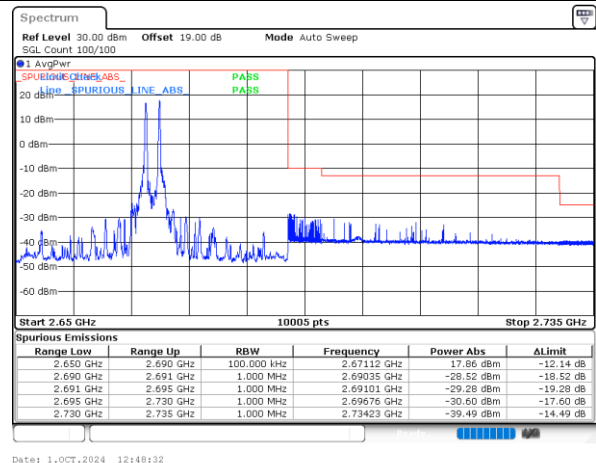
Highest Band Edge / 1RB0 and 1RB99



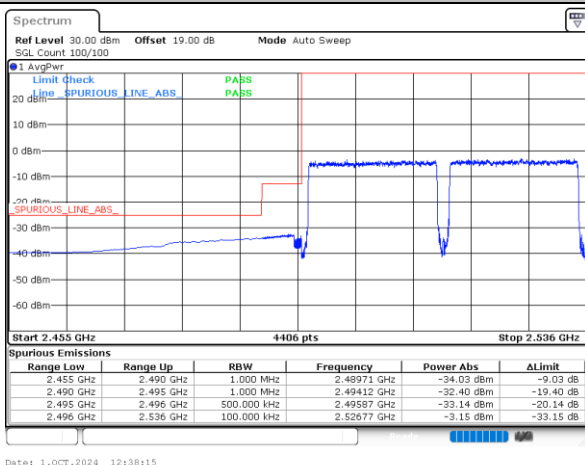
Lowest Band Edge / 1RB99 and 1RB0



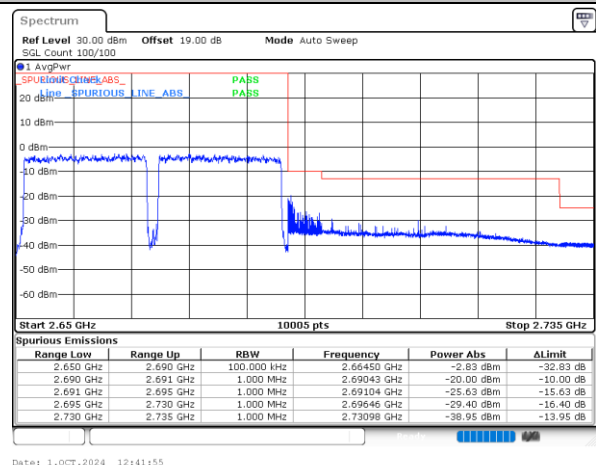
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

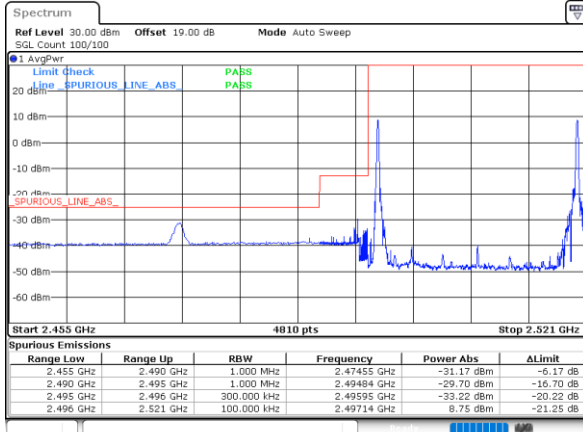




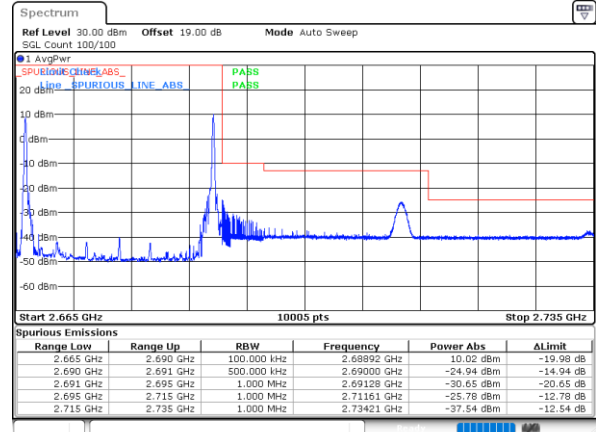
LTE Band 41C / 5MHz+20MHz

64QAM

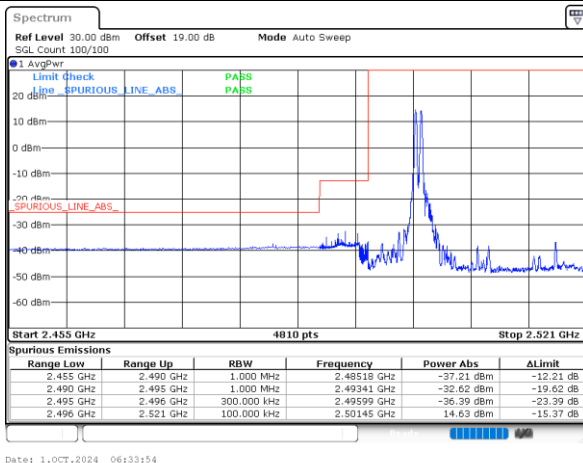
Lowest Band Edge / 1RB0 and 1RB99



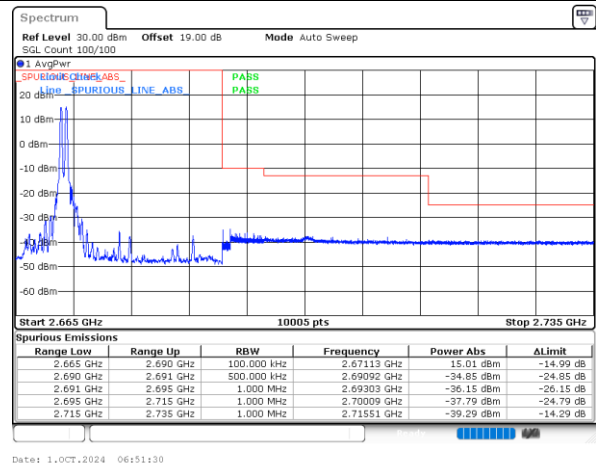
Highest Band Edge / 1RB0 and 1RB99



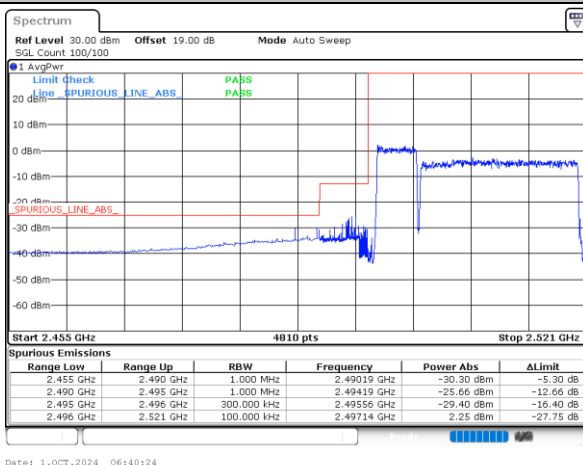
Lowest Band Edge / 1RB24 and 1RB0



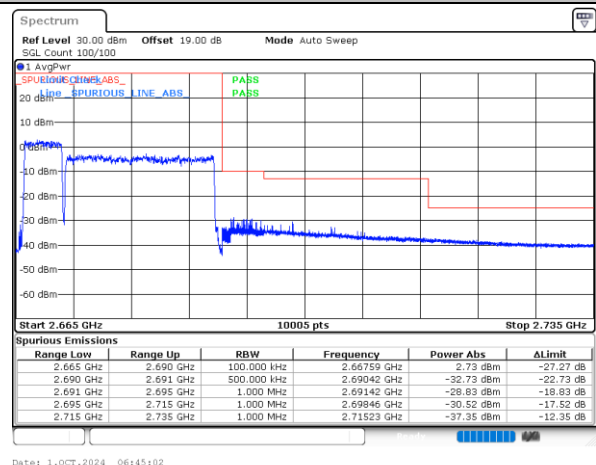
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

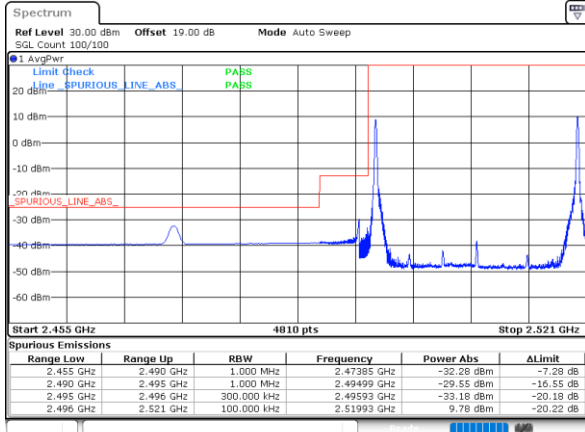




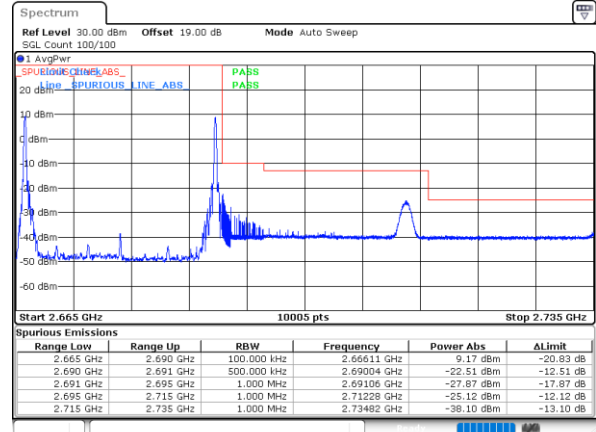
LTE Band 41C / 10MHz+15MHz

64QAM

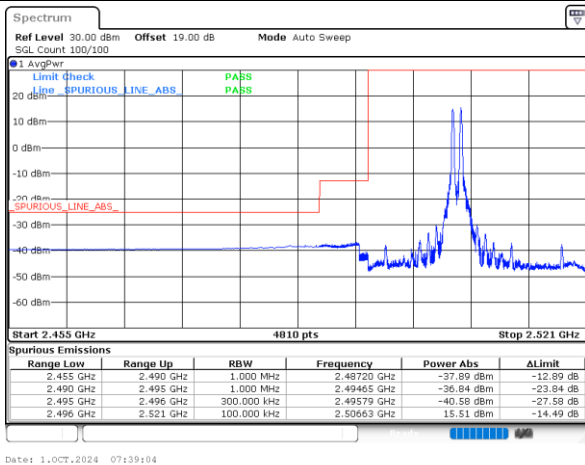
Lowest Band Edge / 1RB0 and 1RB74



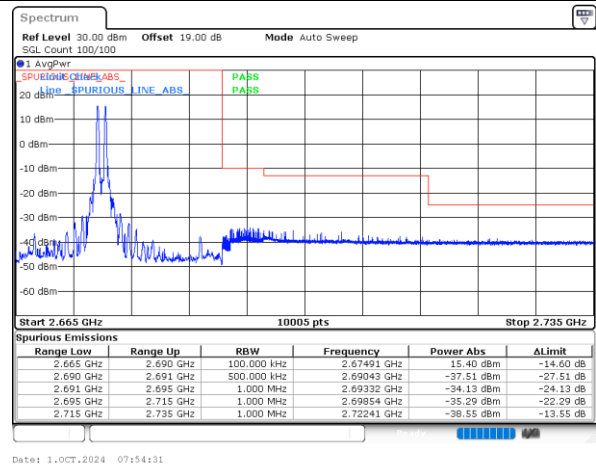
Highest Band Edge / 1RB0 and 1RB74



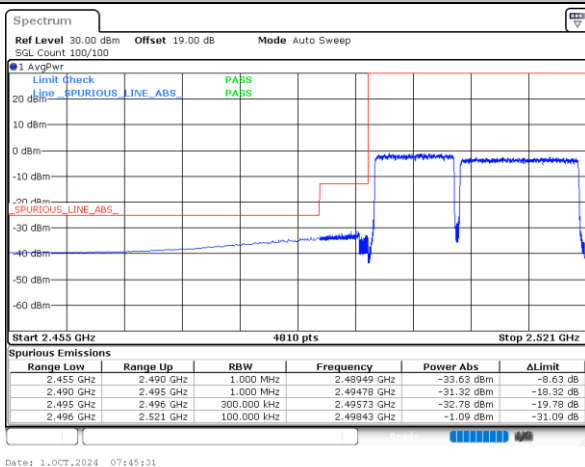
Lowest Band Edge / 1RB49 and 1RB0



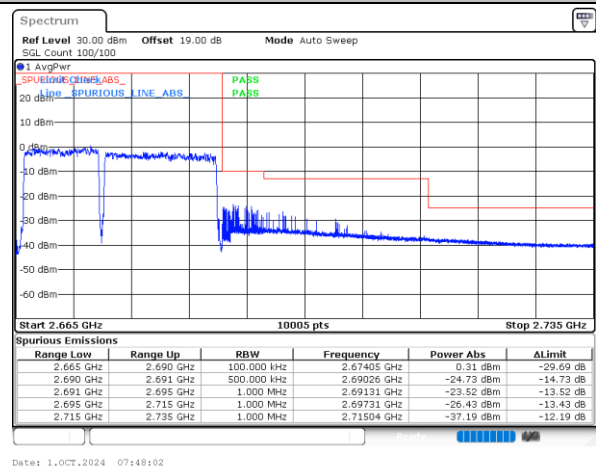
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

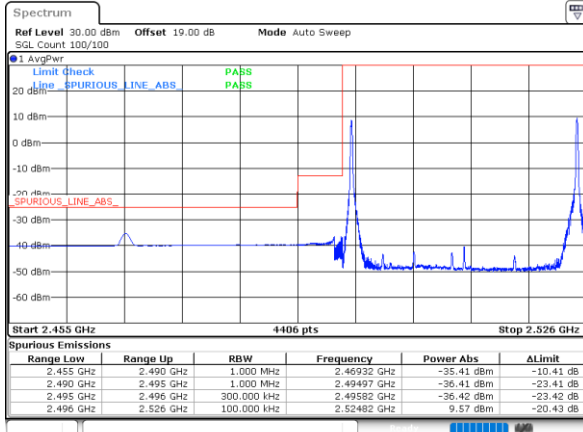




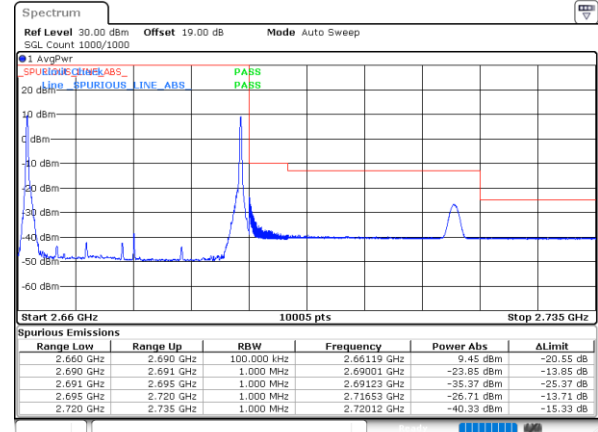
LTE Band 41C / 10MHz+20MHz

64QAM

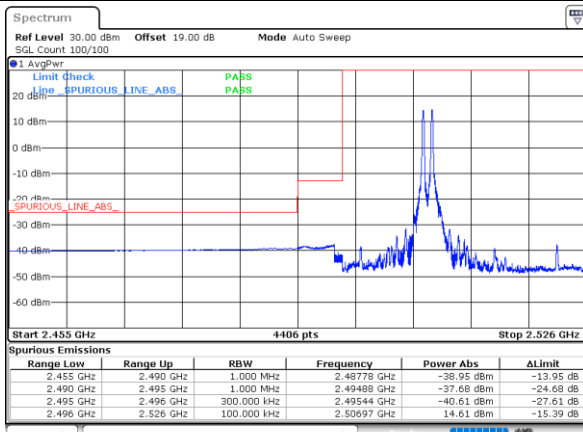
Lowest Band Edge / 1RB0 and 1RB99



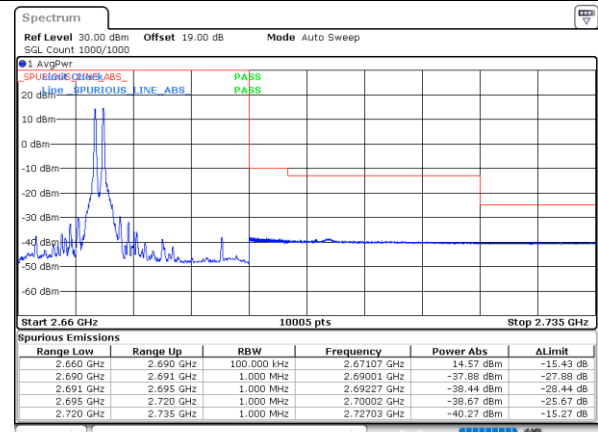
Highest Band Edge / 1RB0 and 1RB99



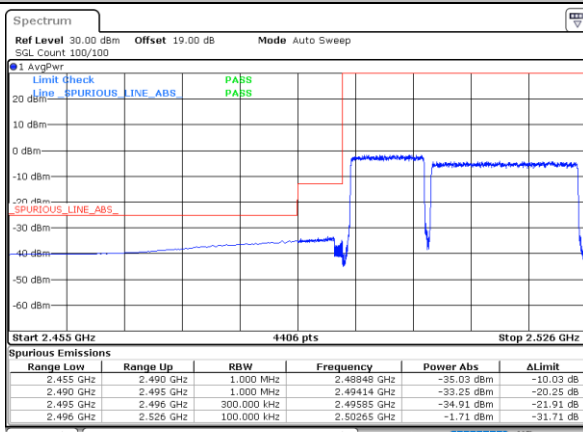
Lowest Band Edge / 1RB49 and 1RB0



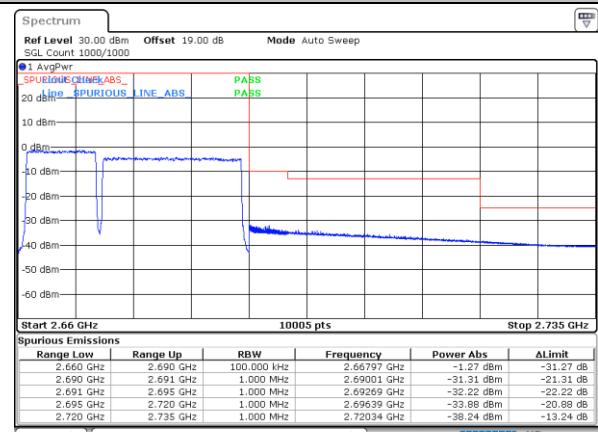
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

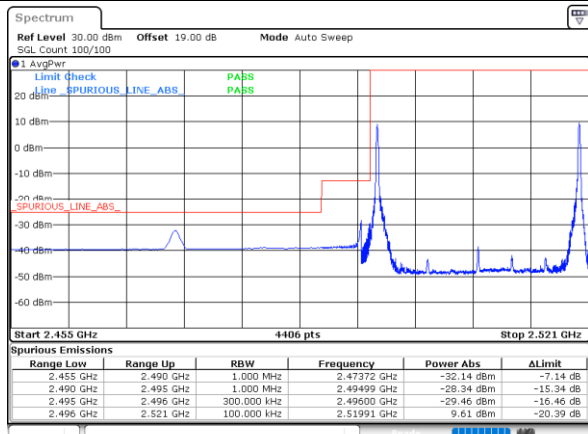




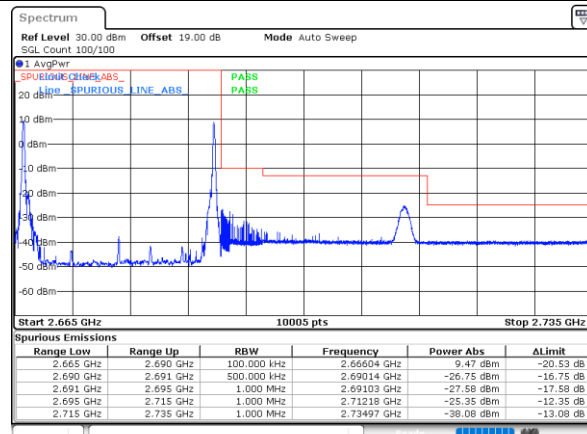
LTE Band 41C / 15MHz+10MHz

64QAM

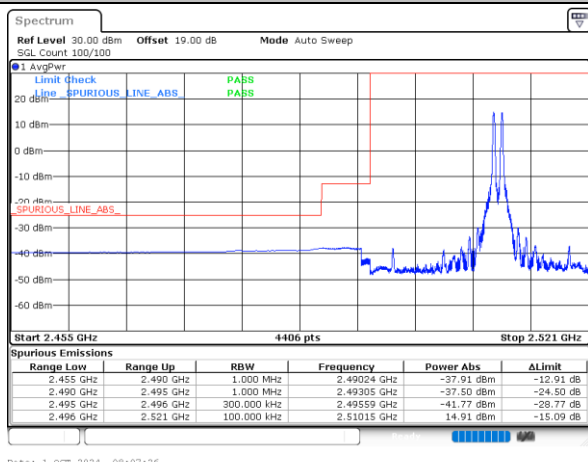
Lowest Band Edge / 1RB0 and 1RB49



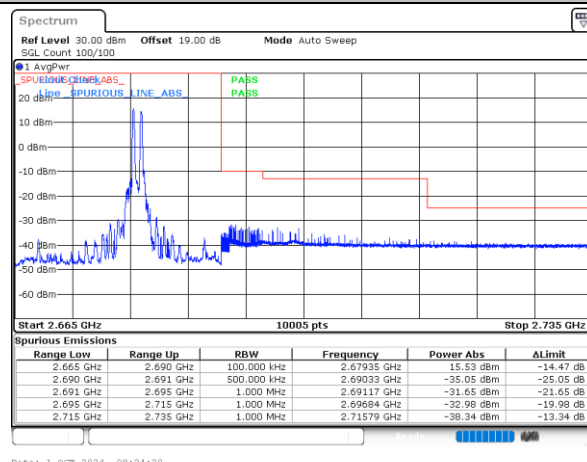
Highest Band Edge / 1RB0 and 1RB49



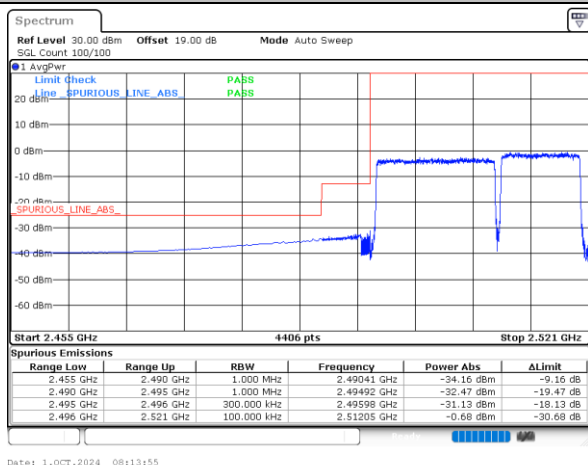
Lowest Band Edge / 1RB74 and 1RB0



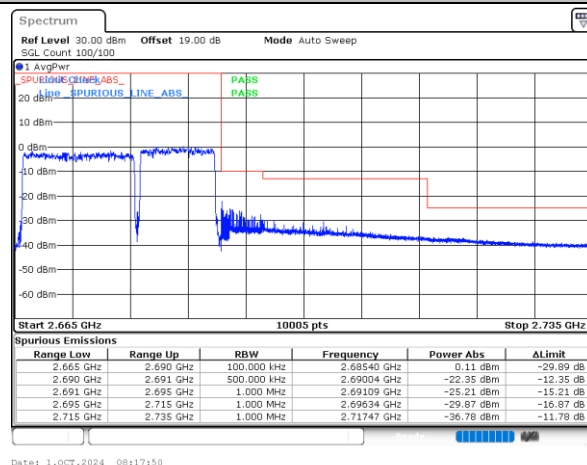
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

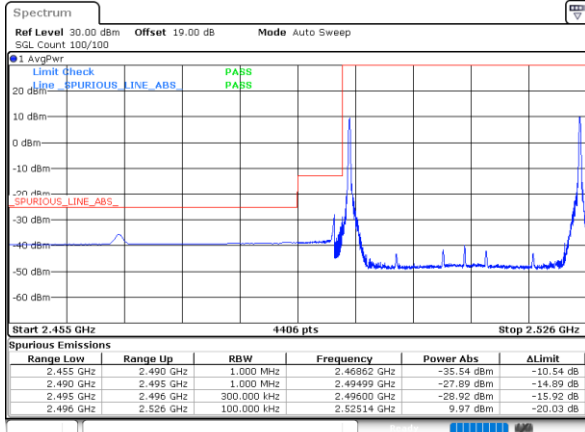




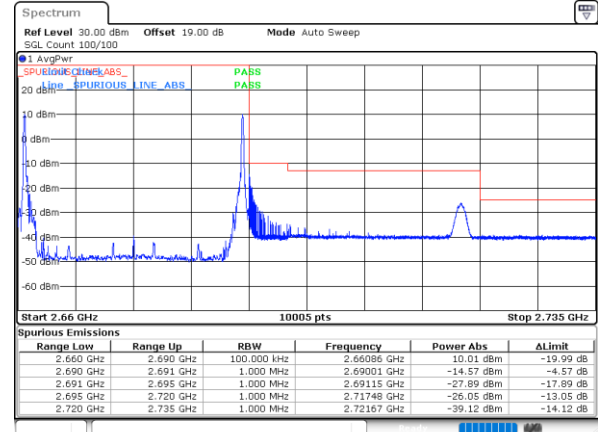
LTE Band 41C / 15MHz+15MHz

64QAM

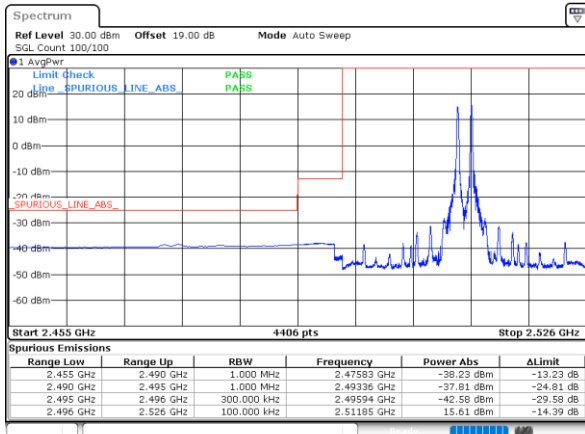
Lowest Band Edge / 1RB0 and 1RB74



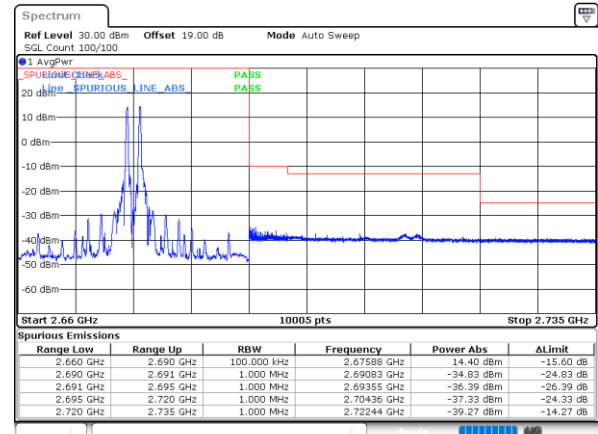
Highest Band Edge / 1RB0 and 1RB74



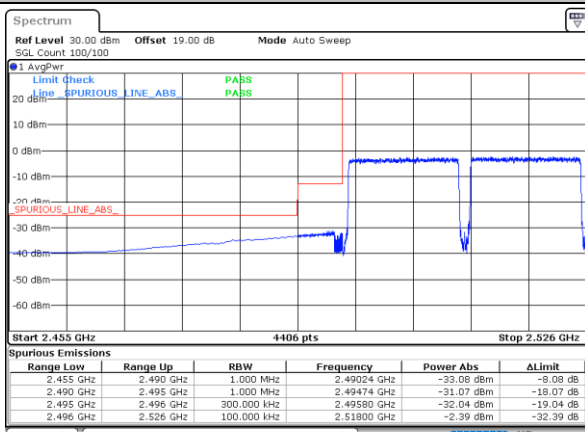
Lowest Band Edge / 1RB74 and 1RB0



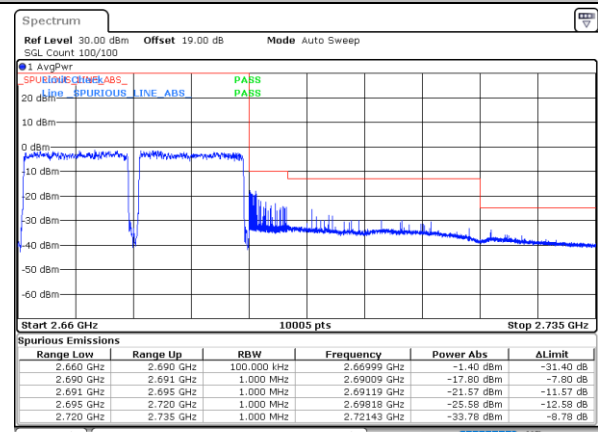
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

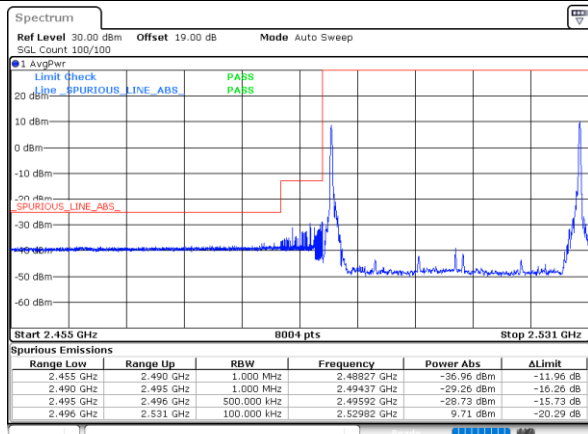




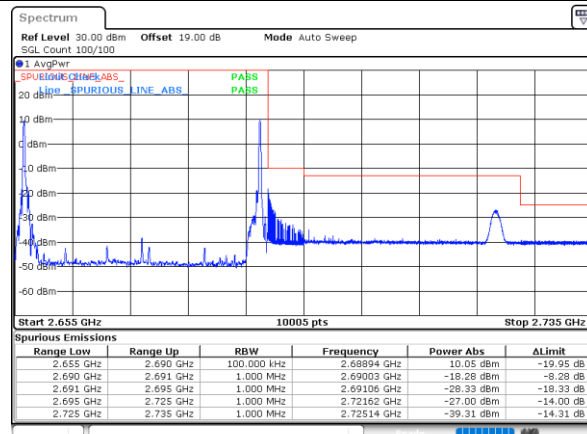
LTE Band 41C / 15MHz+20MHz

64QAM

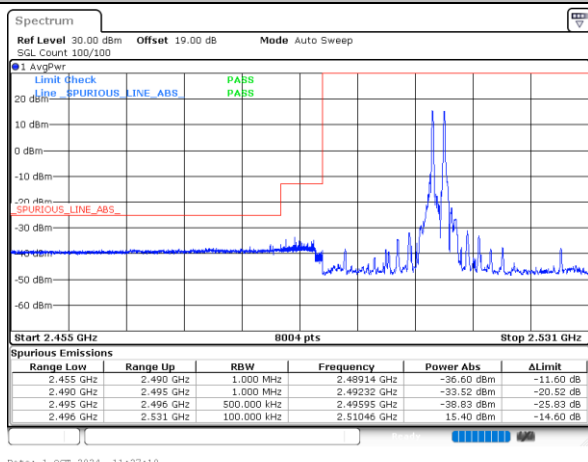
Lowest Band Edge / 1RB0 and 1RB99



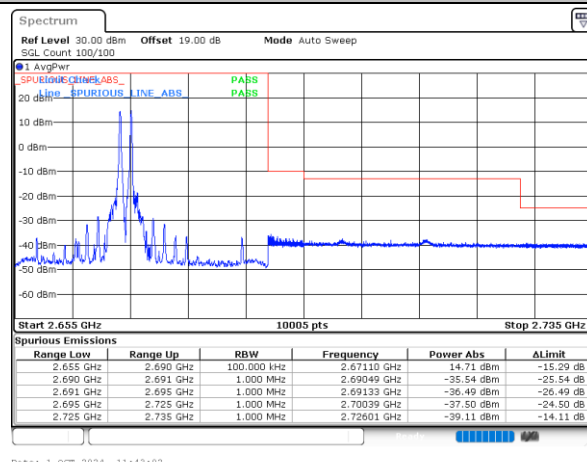
Highest Band Edge / 1RB0 and 1RB99



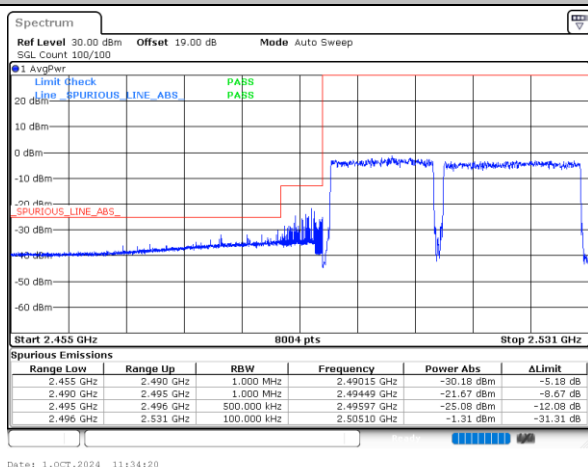
Lowest Band Edge / 1RB74 and 1RB0



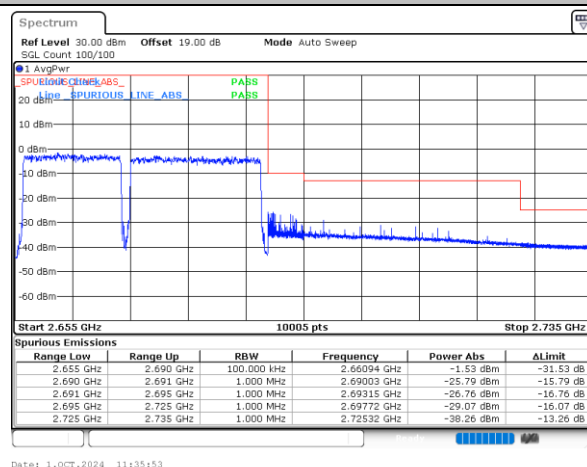
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





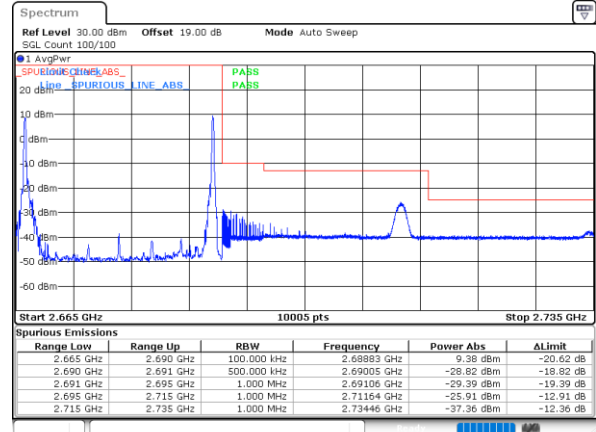
LTE Band 41C / 20MHz+5MHz

64QAM

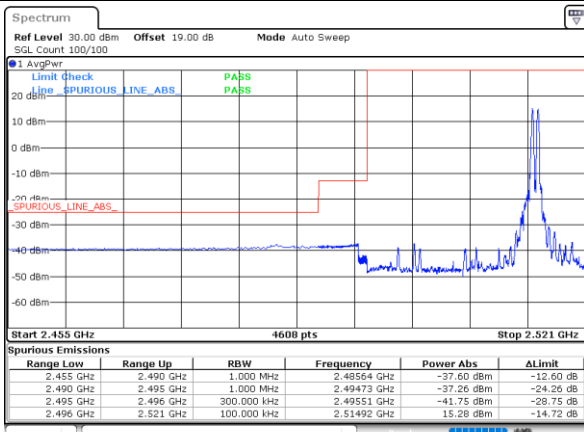
Lowest Band Edge / 1RB0 and 1RB24



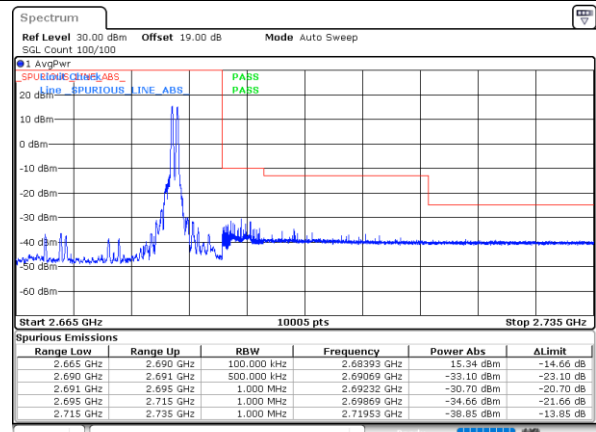
Highest Band Edge / 1RB0 and 1RB24



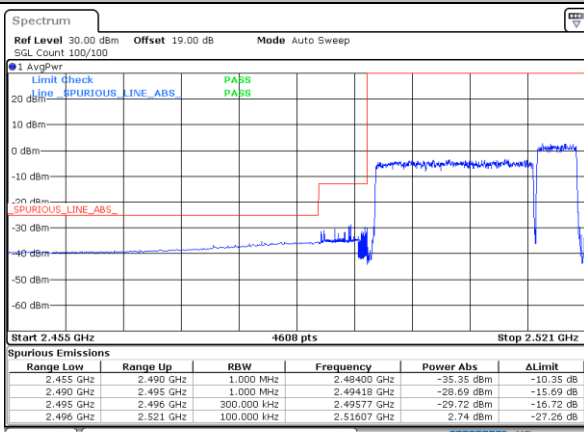
Lowest Band Edge / 1RB99 and 1RB0



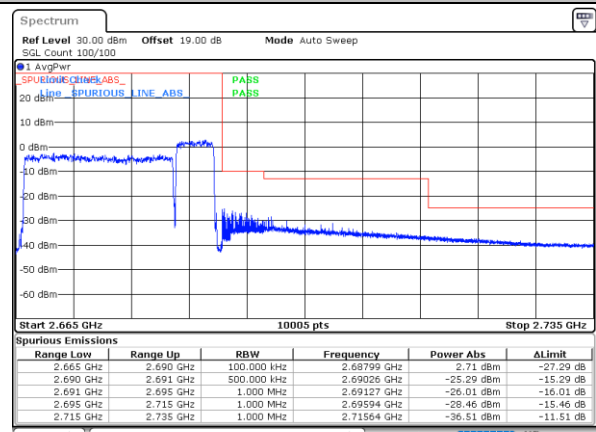
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





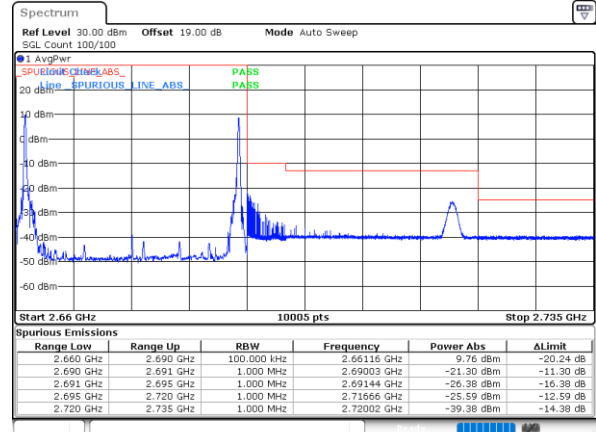
LTE Band 41C / 20MHz+10MHz

64QAM

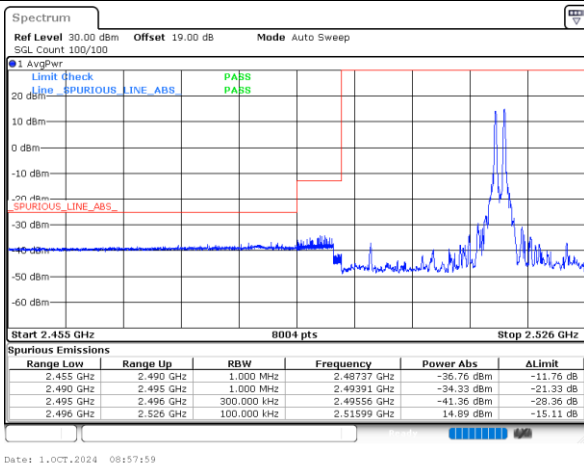
Lowest Band Edge / 1RB0 and 1RB49



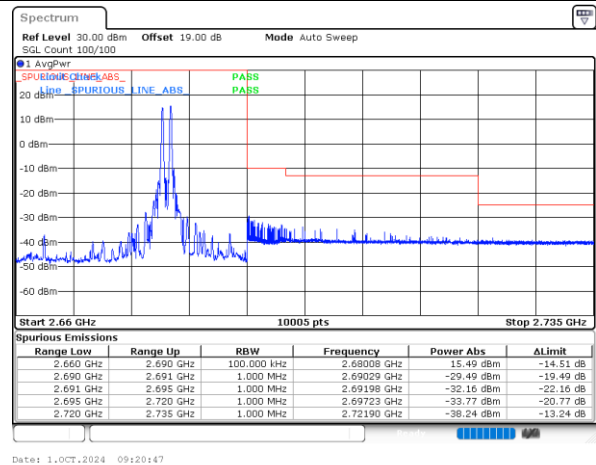
Highest Band Edge / 1RB0 and 1RB49



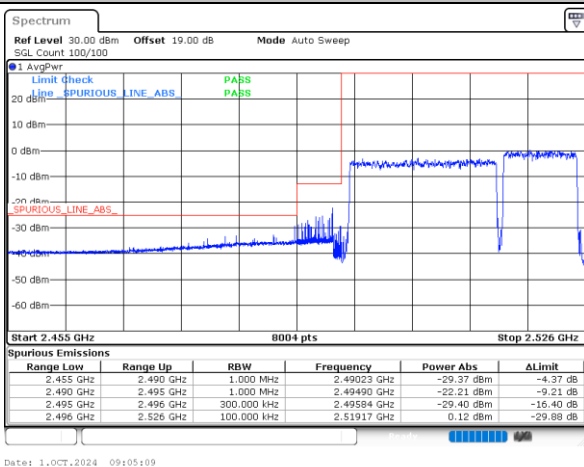
Lowest Band Edge / 1RB99 and 1RB0



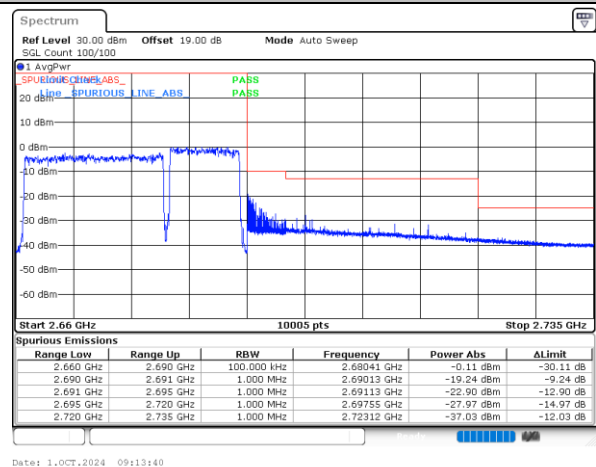
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

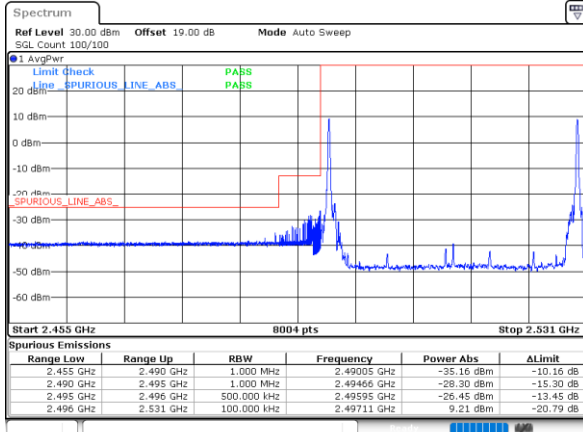




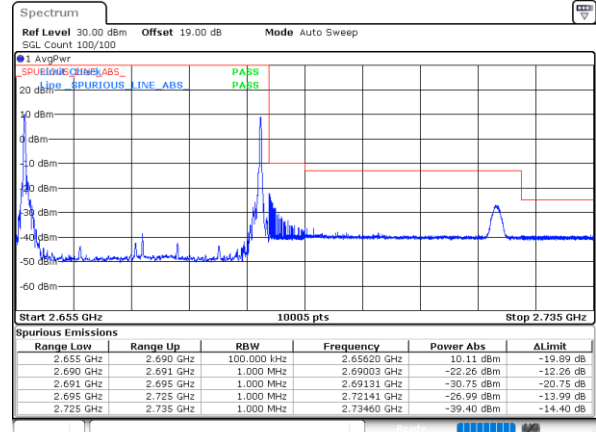
LTE Band 41C / 20MHz+15MHz

64QAM

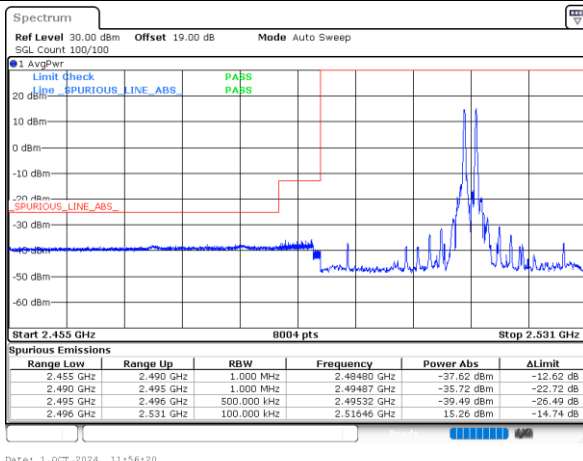
Lowest Band Edge / 1RB0 and 1RB74



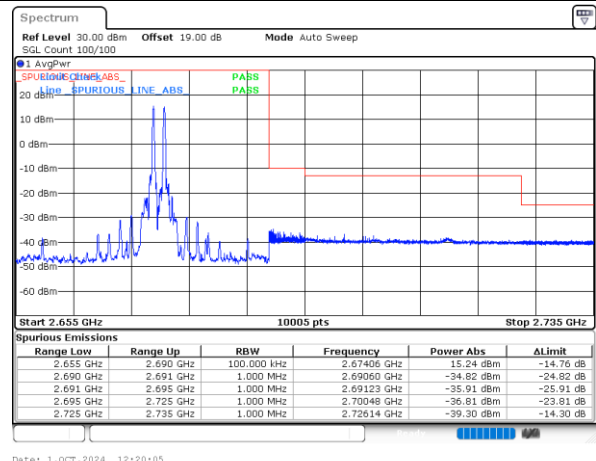
Highest Band Edge / 1RB0 and 1RB74



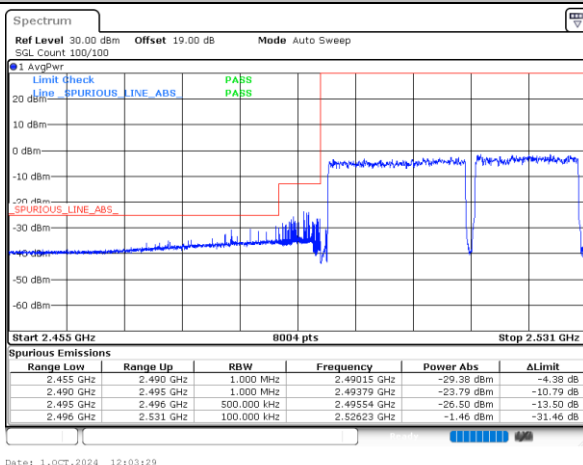
Lowest Band Edge / 1RB99 and 1RB0



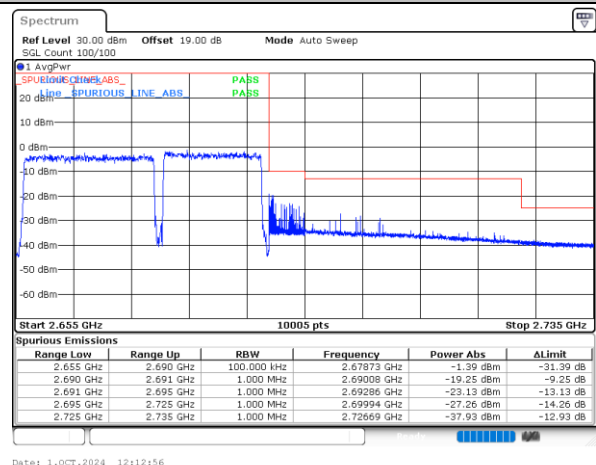
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

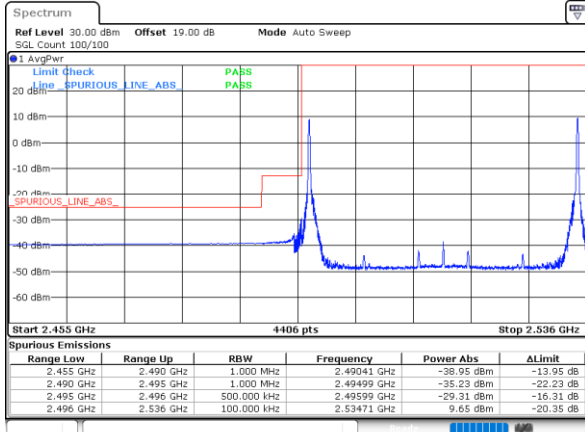




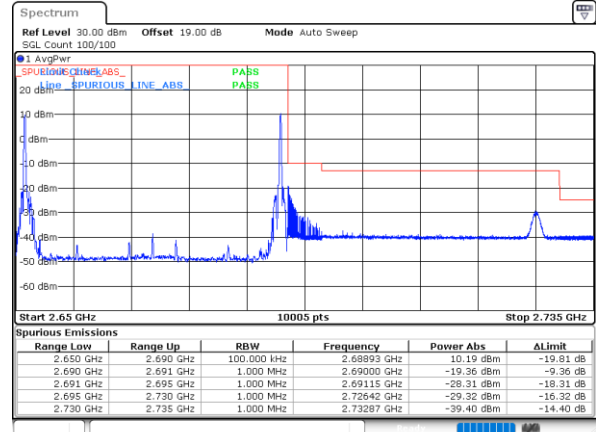
LTE Band 41C / 20MHz+20MHz

64QAM

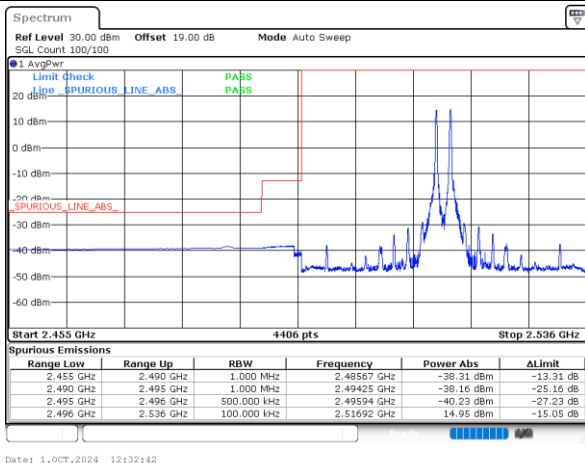
Lowest Band Edge / 1RB0 and 1RB99



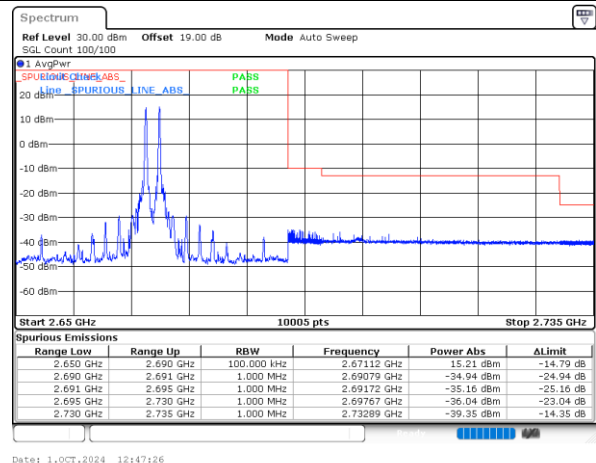
Highest Band Edge / 1RB0 and 1RB99



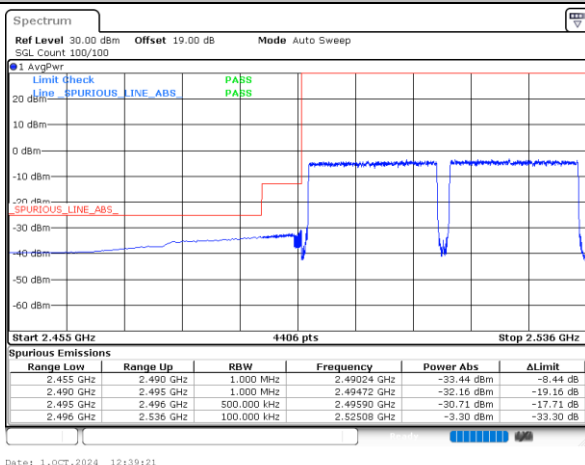
Lowest Band Edge / 1RB99 and 1RB0



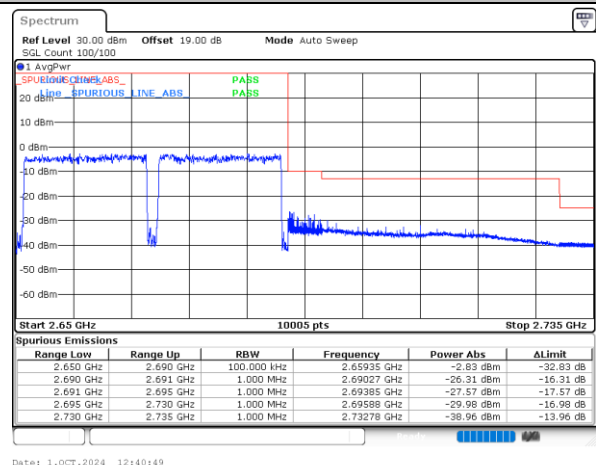
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





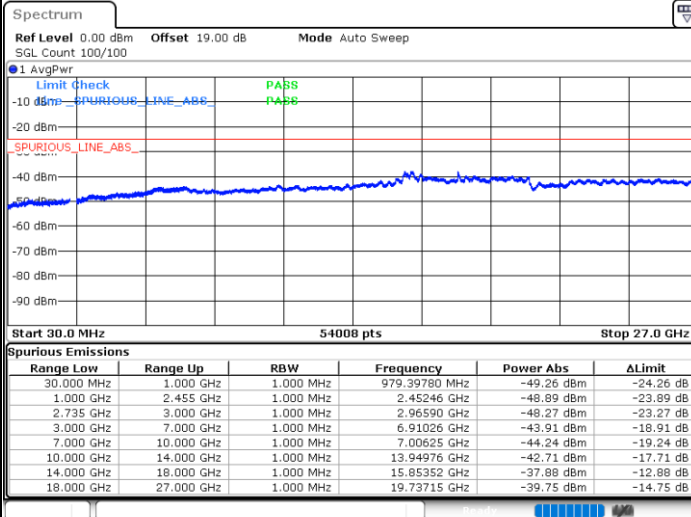
Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

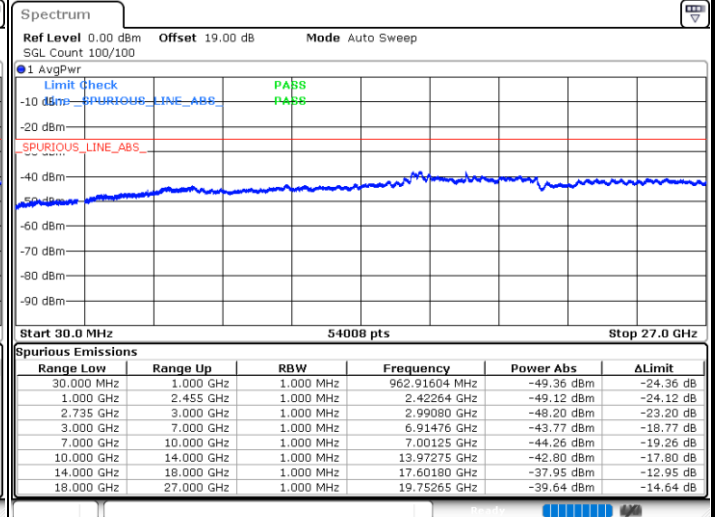
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

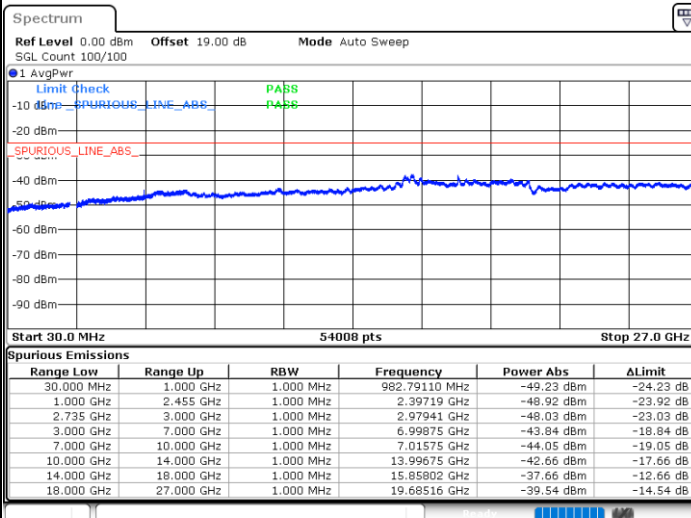


Date: 1.OCT.2024 06:30:40



Date: 1.OCT.2024 06:22:15

Highest Channel / 1RB24 and 1RB0



Date: 1.OCT.2024 06:54:59

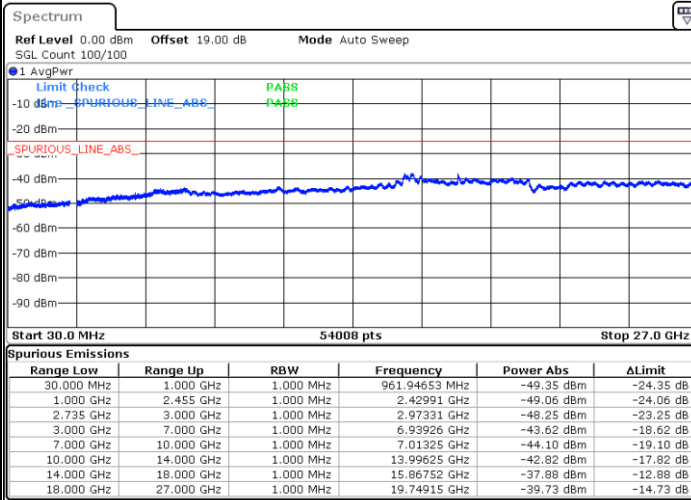


LTE Band 41C / 10MHz+15MHz

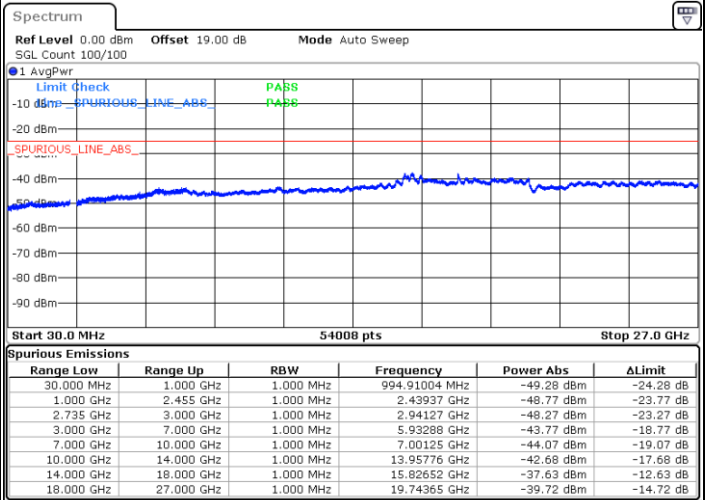
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

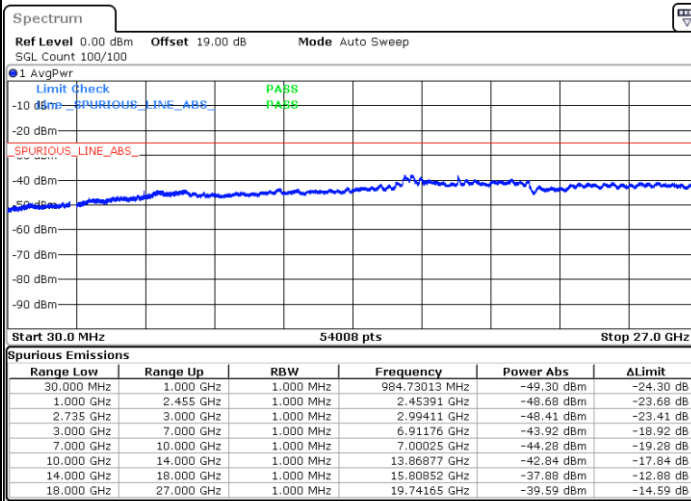


Date: 1.OCT.2024 07:35:51



Date: 1.OCT.2024 07:27:26

Highest Channel / 1RB49 and 1RB0



Date: 1.OCT.2024 07:57:59

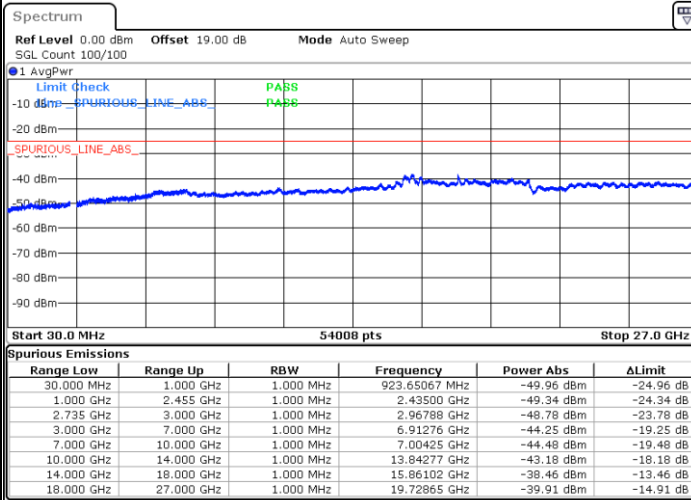


LTE Band 41C / 10MHz+20MHz

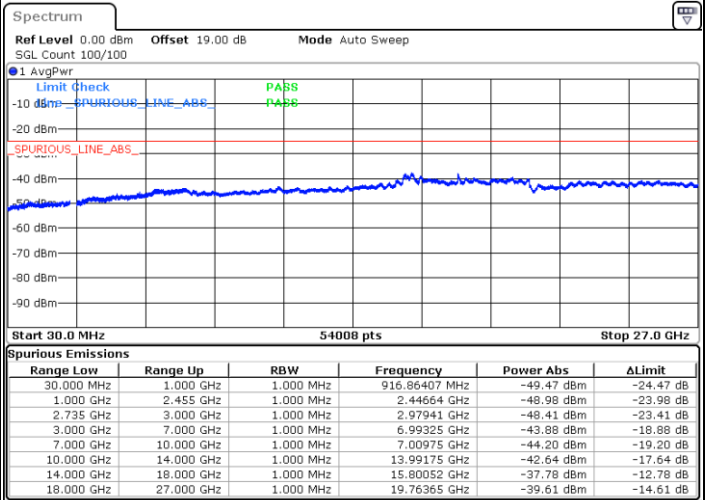
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

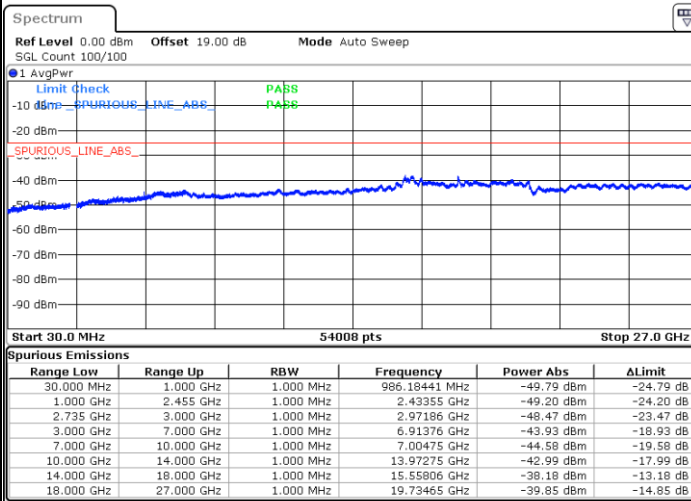


Date: 6.OCT.2024 16:58:01



Date: 1.OCT.2024 08:44:40

Highest Channel / 1RB49 and 1RB0



Date: 4.OCT.2024 16:19:07

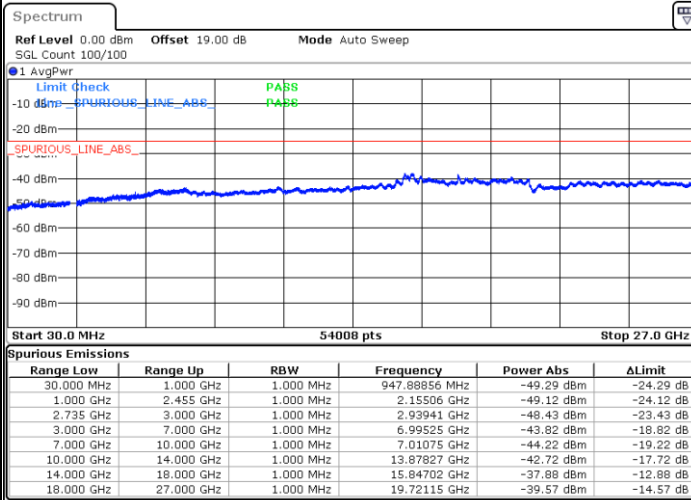


LTE Band 41C / 15MHz+10MHz

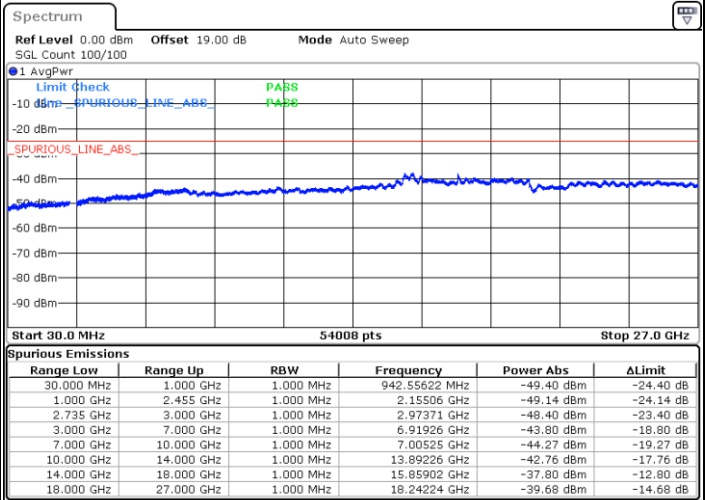
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

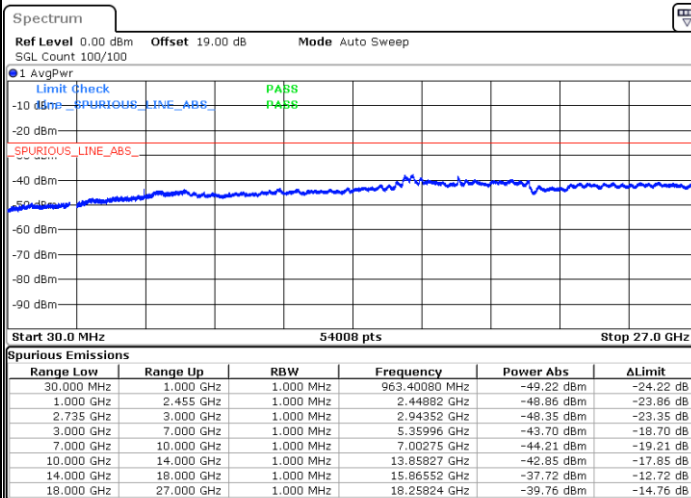


Date: 1.OCT.2024 08:04:11



Date: 1.OCT.2024 08:02:45

Highest Channel / 1RB74 and 1RB0



Date: 1.OCT.2024 08:27:48



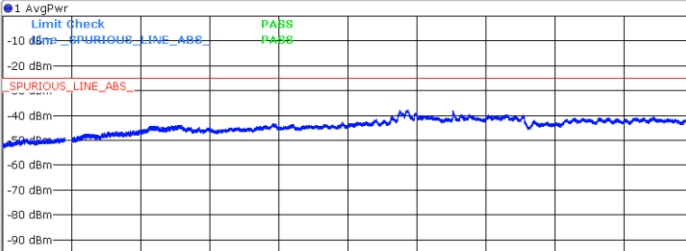
LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

Spectrum

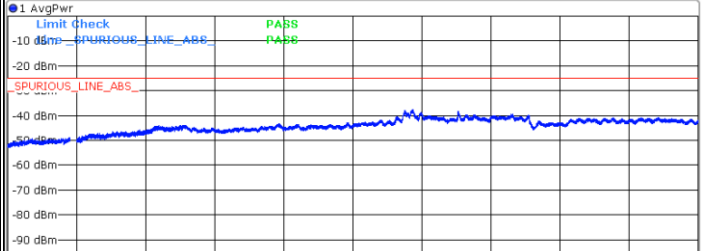
Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.45877 MHz	-49.35 dBm	-24.35 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44955 GHz	-49.09 dBm	-24.09 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96683 GHz	-48.19 dBm	-23.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96475 GHz	-43.88 dBm	-18.88 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.02775 GHz	-44.15 dBm	-19.15 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.30634 GHz	-42.58 dBm	-17.58 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86002 GHz	-37.69 dBm	-12.69 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.75065 GHz	-39.69 dBm	-14.69 dB

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

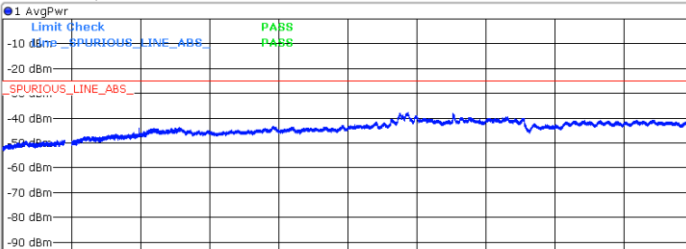
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.00150 MHz	-49.38 dBm	-24.38 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.45391 GHz	-48.80 dBm	-23.80 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.93544 GHz	-48.40 dBm	-23.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98625 GHz	-43.87 dBm	-18.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00125 GHz	-43.93 dBm	-18.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99275 GHz	-42.56 dBm	-17.56 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.85502 GHz	-37.76 dBm	-12.76 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.75115 GHz	-39.43 dBm	-14.43 dB

Date: 1.OCT.2024 09:29:56

Date: 1.OCT.2024 09:28:25

Highest Channel / 1RB74 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.37631 MHz	-49.45 dBm	-24.45 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.14706 GHz	-49.00 dBm	-24.00 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97212 GHz	-48.48 dBm	-23.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91776 GHz	-43.75 dBm	-18.75 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00825 GHz	-44.22 dBm	-19.22 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80477 GHz	-42.72 dBm	-17.72 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86052 GHz	-37.70 dBm	-12.70 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.75015 GHz	-39.39 dBm	-14.39 dB

Date: 1.OCT.2024 09:51:31

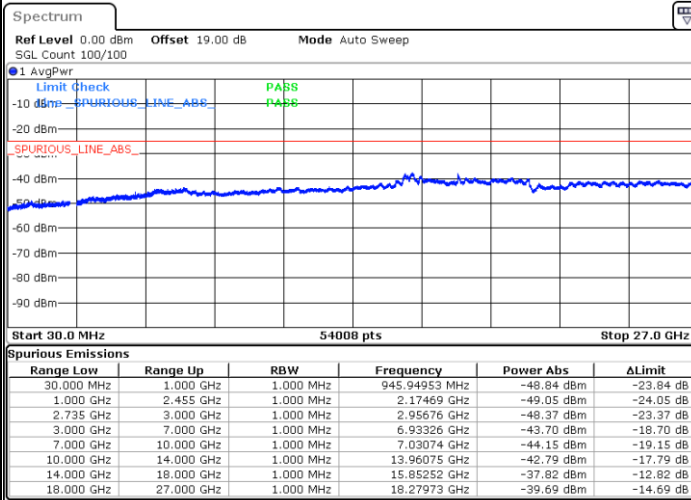


LTE Band 41C / 15MHz+20MHz

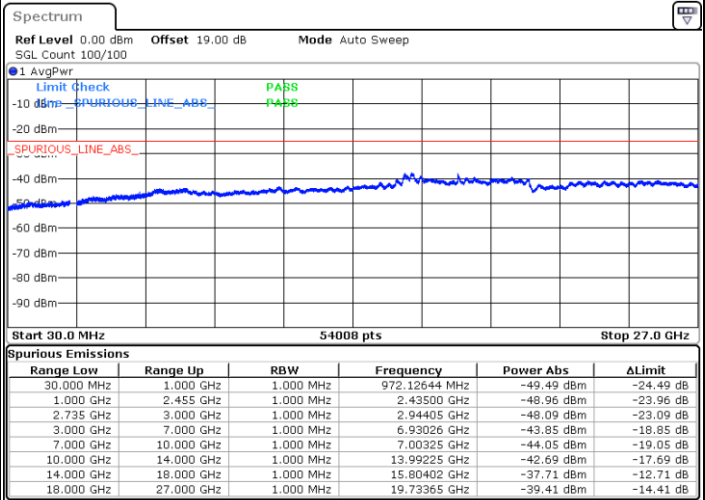
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

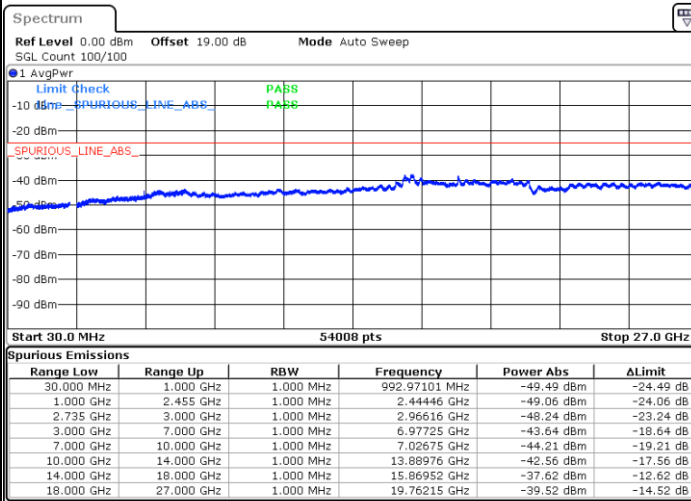


Date: 1.OCT.2024 11:23:36



Date: 1.OCT.2024 09:55:54

Highest Channel / 1RB74 and 1RB0



Date: 1.OCT.2024 11:46:51

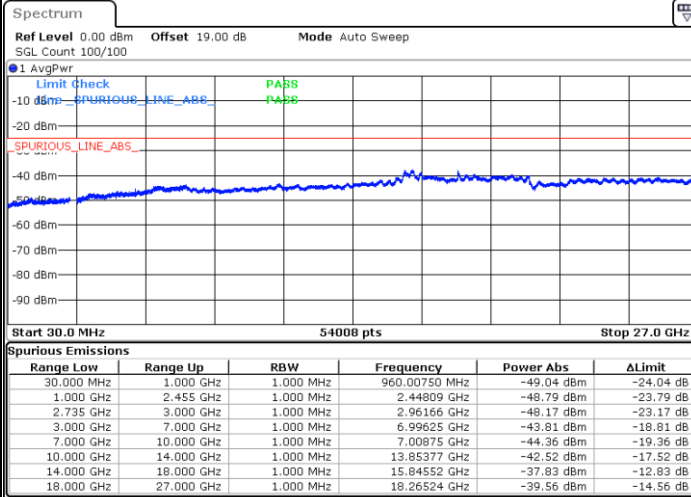


LTE Band 41C / 20MHz+5MHz

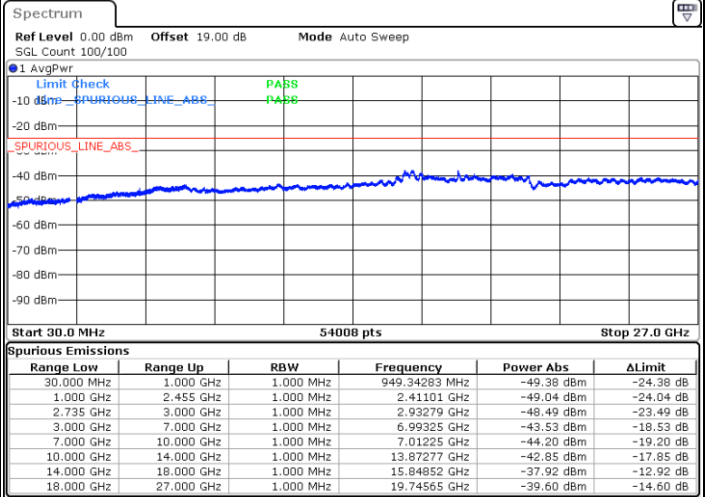
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

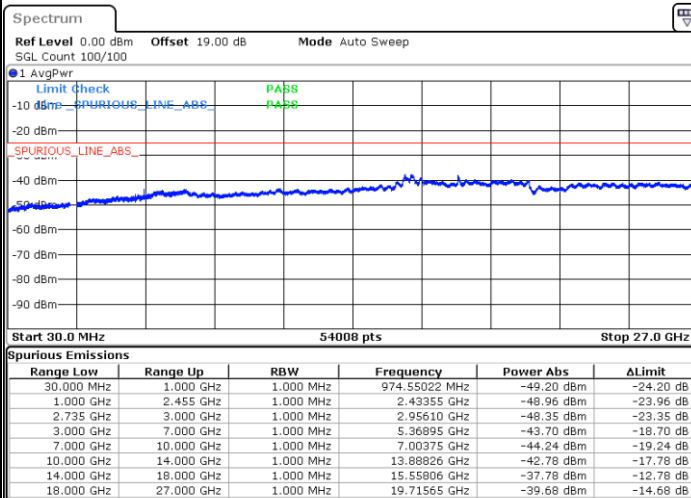


Date: 1.OCT.2024 07:01:11



Date: 1.OCT.2024 06:59:45

Highest Channel / 1RB99 and 1RB0



Date: 1.OCT.2024 07:22:40

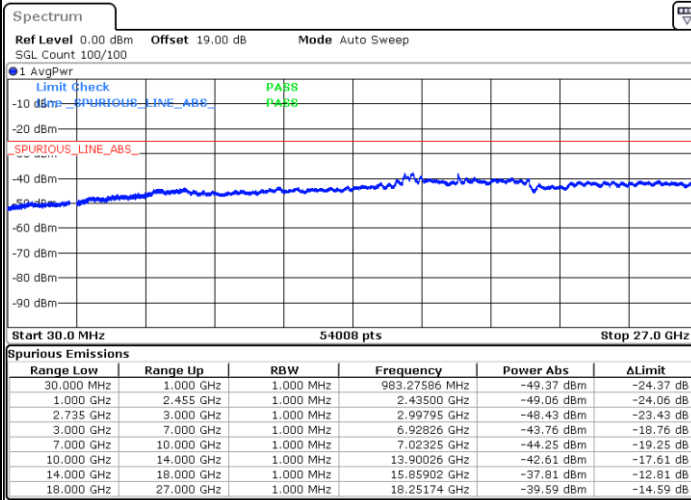


LTE Band 41C / 20MHz+10MHz

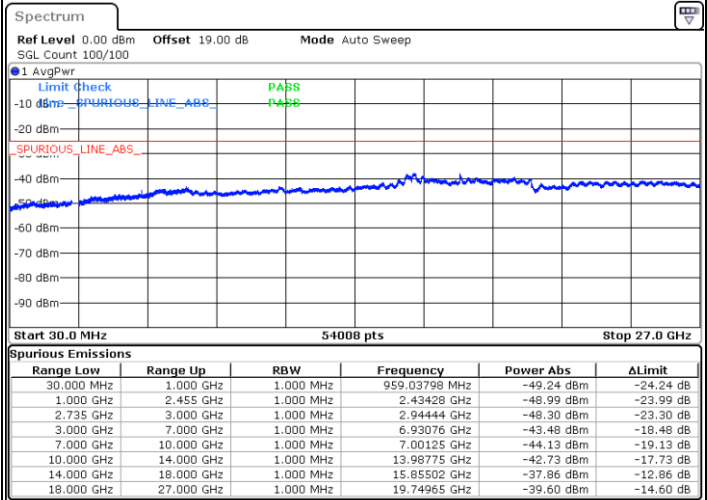
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

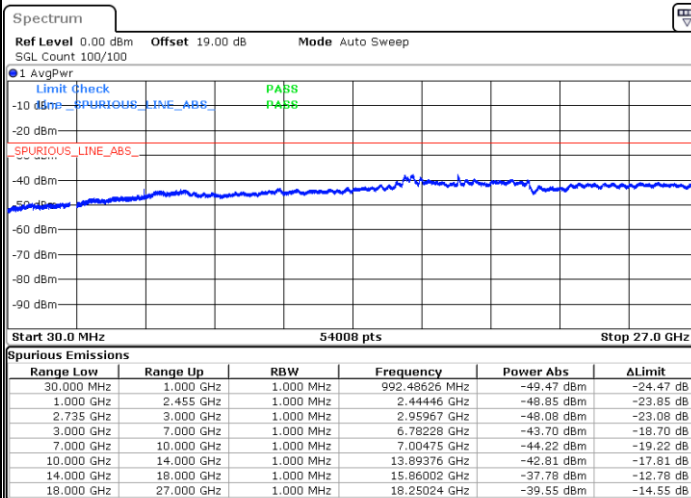


Date: 1.OCT.2024 08:54:25



Date: 1.OCT.2024 08:52:49

Highest Channel / 1RB99 and 1RB0



Date: 1.OCT.2024 09:24:36

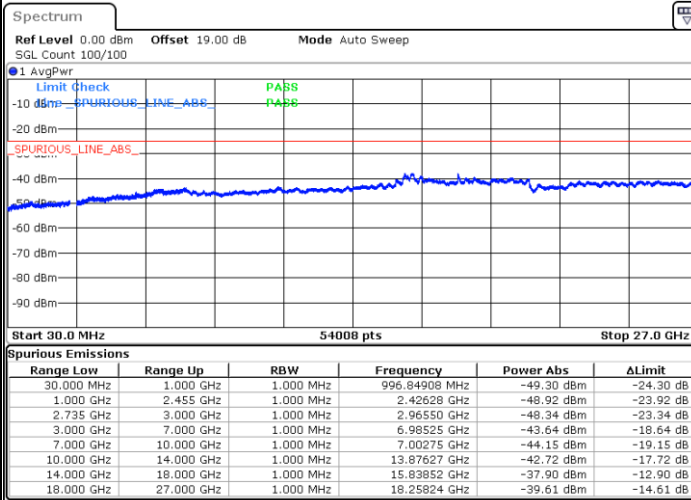


LTE Band 41C / 20MHz+15MHz

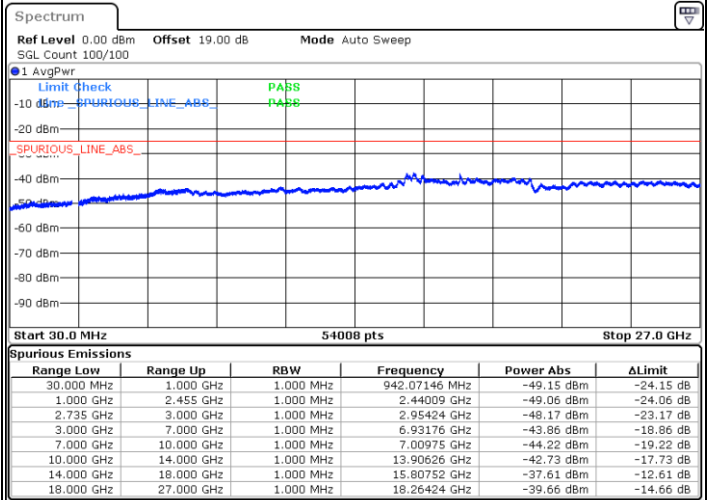
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

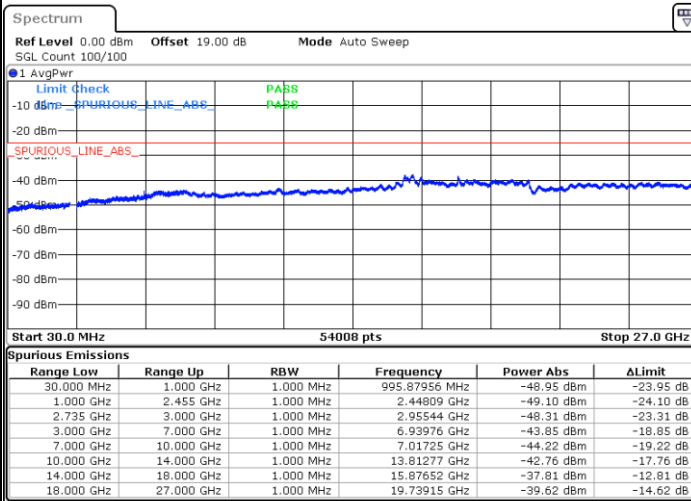


Date: 1.OCT.2024 11:52:46



Date: 1.OCT.2024 11:51:09

Highest Channel / 1RB99 and 1RB0



Date: 1.OCT.2024 12:23:53

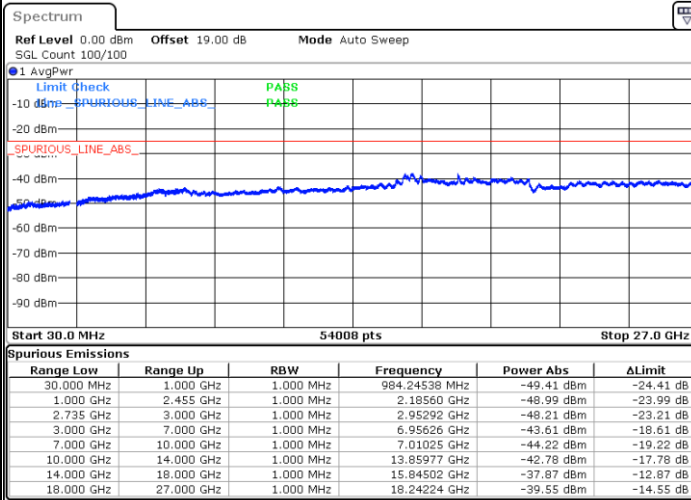


LTE Band 41C / 20MHz+20MHz

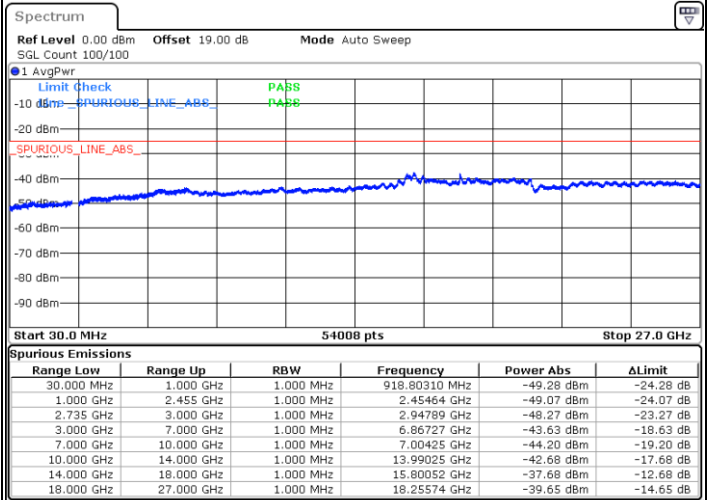
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

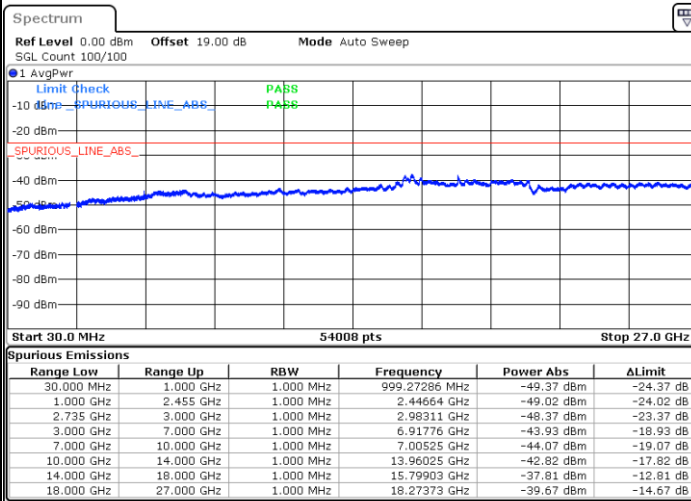


Date: 1.OCT.2024 12:29:24



Date: 1.OCT.2024 12:27:47

Highest Channel / 1RB99 and 1RB0



Date: 1.OCT.2024 12:50:59



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Reid Huang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 7 / 20MHz / QPSK_Ant3									
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	-57.12	-25	-32.12	-81.07	-62.68	7.14	12.70	H
	7578.27	-54.06	-25	-29.06	-80.76	-57.36	8.30	11.60	H
	10104.36	-52.01	-25	-27.01	-82.95	-53.53	10.48	12.00	H
	5052.18	-55.84	-25	-30.84	-81.12	-61.40	7.14	12.70	V
	7578.27	-54.96	-25	-29.96	-81.66	-58.26	8.30	11.60	V
	10104.36	-51.40	-25	-26.40	-83.32	-52.92	10.48	12.00	V

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

LTE Band 12 / 10MHz / QPSK_Ant1									
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	-65.53	-13	-52.53	-76.79	-68.78	4.00	9.40	H
	2109	-61.24	-13	-48.24	-79.39	-64.81	4.88	10.60	H
	2812	-60.37	-13	-47.37	-79.81	-65.30	5.52	12.60	H
	1406	-63.86	-13	-50.86	-76.18	-67.11	4.00	9.40	V
	2109	-61.67	-13	-48.67	-79.61	-65.24	4.88	10.60	V
	2812	-59.01	-13	-46.01	-79.26	-63.94	5.52	12.60	V

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

LTE Band 13 / 5MHz / QPSK_Ant1									
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	-64.58	-42.15	-22.43	-71.36	-67.83	4.00	9.40	H
	2339.25	-61.05	-13	-48.05	-71.84	-64.62	4.88	10.60	H
	3119	-59.58	-13	-46.58	-72.47	-64.51	5.52	12.60	H
	1559.5	-64.01	-42.15	-21.86	-71.00	-67.26	4.00	9.40	V
	2339.25	-60.61	-13	-47.61	-71.79	-64.18	4.88	10.60	V
	3119	-57.55	-13	-44.55	-70.95	-62.48	5.52	12.60	V

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



LTE Band 13 / 10MHz / QPSK_Ant1									
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	-65.64	-42.15	-23.49	-77.42	-68.89	4.00	9.40	H
	2339.25	-60.93	-13	-47.93	-79.54	-64.50	4.88	10.60	H
	3119	-59.27	-13	-46.27	-79.59	-64.20	5.52	12.60	H
	1559.5	-64.97	-42.15	-22.82	-77.37	-68.22	4.00	9.40	V
	2339.25	-60.70	-13	-47.70	-79.68	-64.27	4.88	10.60	V
	3119	-57.72	-13	-44.72	-79.84	-62.65	5.52	12.60	V

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

LTE Band 41 / 20MHz / QPSK_Ant3									
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	-56.17	-25	-31.17	-80.84	-61.73	7.14	12.70	H
	7752.00	-50.81	-25	-25.81	-77.04	-54.11	8.30	11.60	H
	10336.00	-51.77	-25	-26.77	-82.96	-53.29	10.48	12.00	H
	5168.00	-55.21	-25	-30.21	-80.38	-60.77	7.14	12.70	V
	7752.00	-51.94	-25	-26.94	-81.26	-55.24	8.30	11.60	V
	10336.00	-50.11	-25	-25.11	-83.05	-51.63	10.48	12.00	V

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

LTE Band 41C / 20MHz+20MH / QPSK_Ant3									
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	5186.00	-61.58	-25	-36.58	-79.12	-67.14	7.14	12.70	H
	7779.00	-56.50	-25	-31.50	-79.26	-59.80	8.30	11.60	H
	10372.00	-52.27	-25	-27.27	-79.27	-53.79	10.48	12.00	H
	5186.00	-62.22	-25	-37.22	-79.71	-67.78	7.14	12.70	V
	7779.00	-56.30	-25	-31.30	-79.06	-59.60	8.30	11.60	V
	10372.00	-52.70	-25	-27.70	-79.52	-54.22	10.48	12.00	V

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