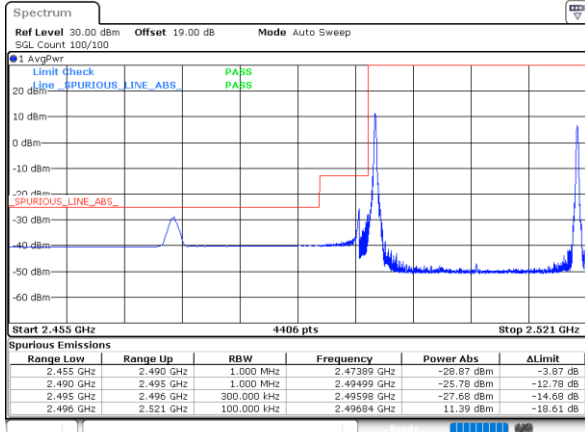




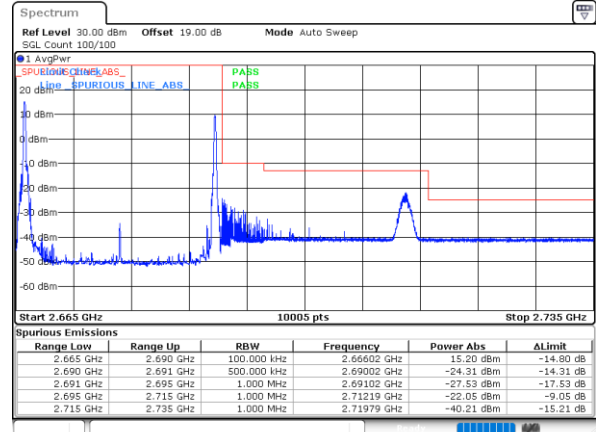
LTE Band 41C / 15MHz+10MHz

64QAM

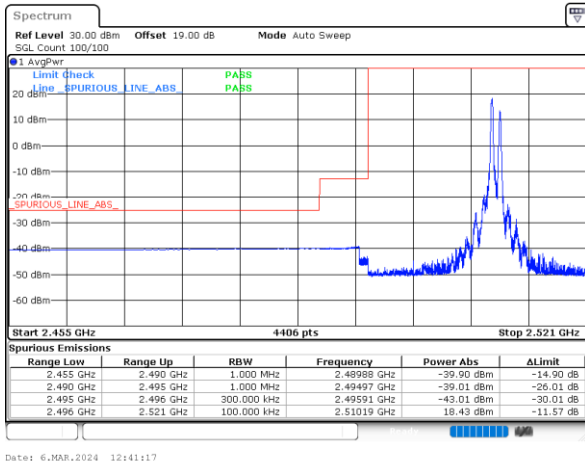
Lowest Band Edge / 1RB0 and 1RB49



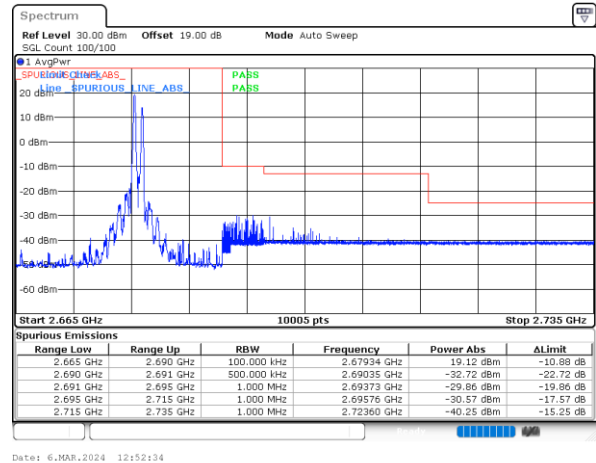
Highest Band Edge / 1RB0 and 1RB49



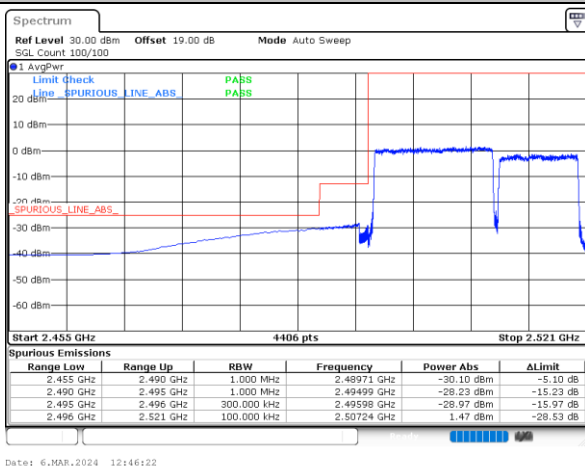
Lowest Band Edge / 1RB74 and 1RB0



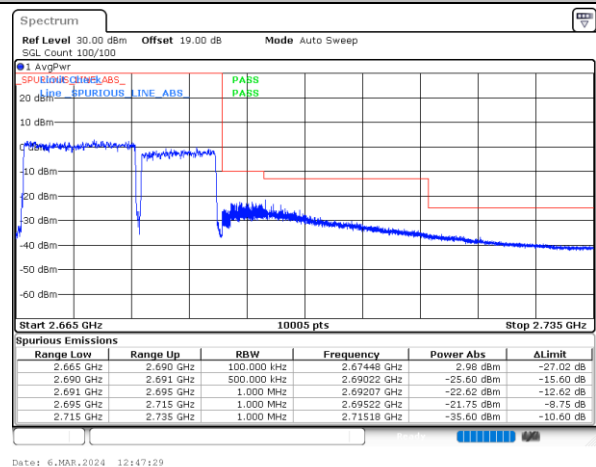
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

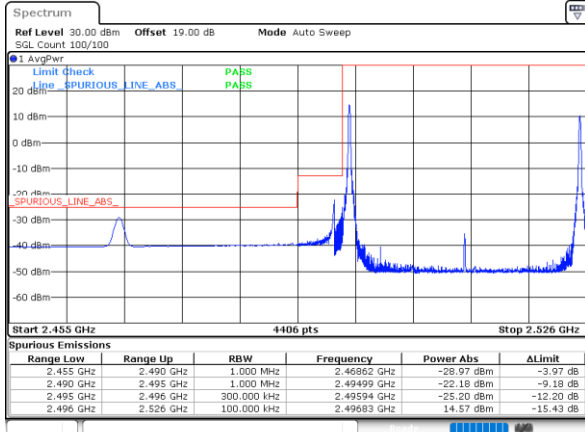




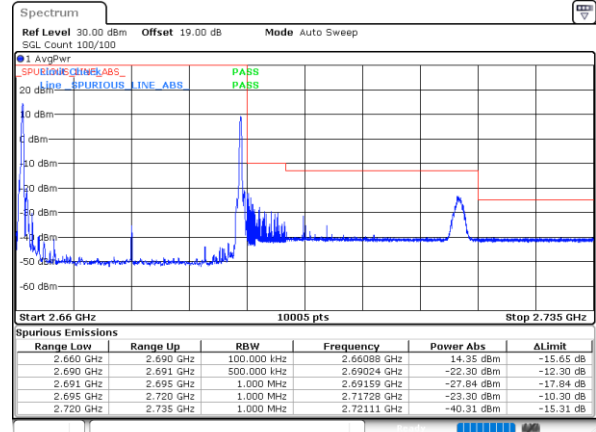
LTE Band 41C / 15MHz+15MHz

64QAM

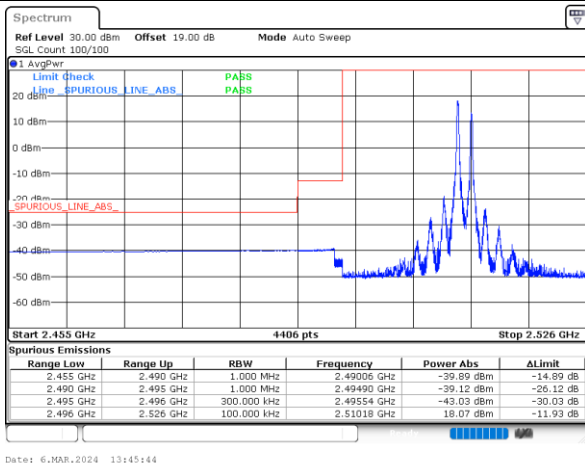
Lowest Band Edge / 1RB0 and 1RB74



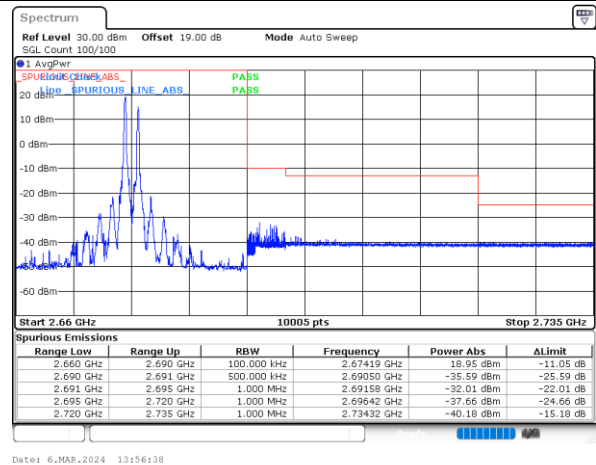
Highest Band Edge / 1RB0 and 1RB74



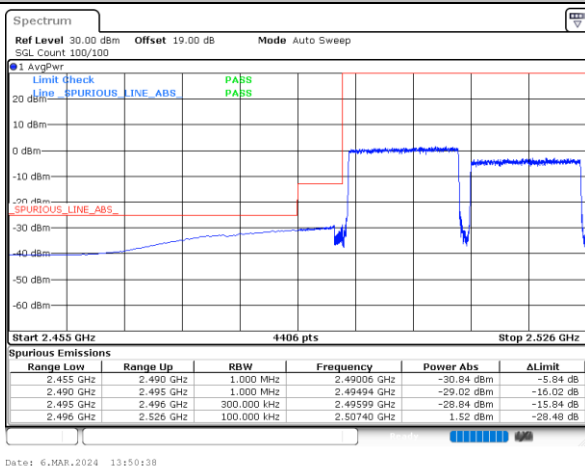
Lowest Band Edge / 1RB74 and 1RB0



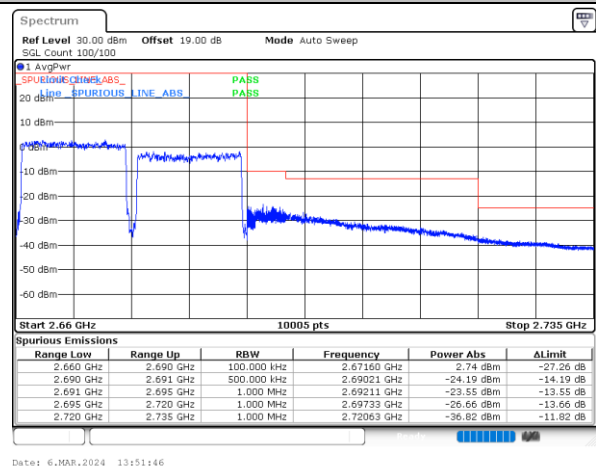
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

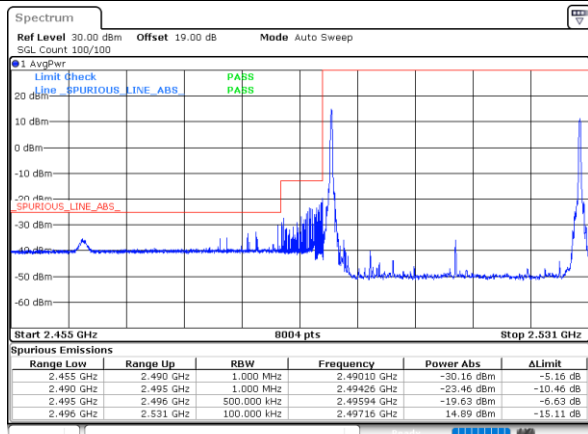




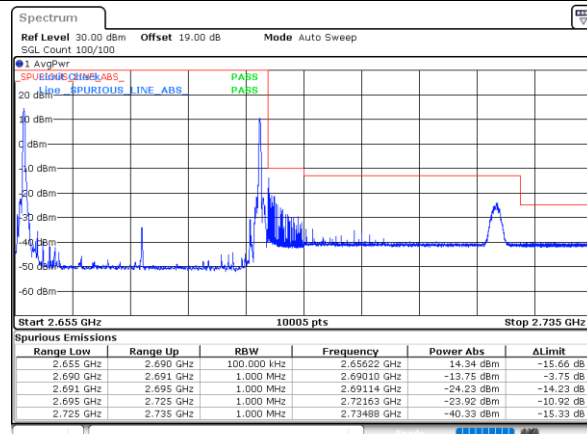
LTE Band 41C / 15MHz+20MHz

64QAM

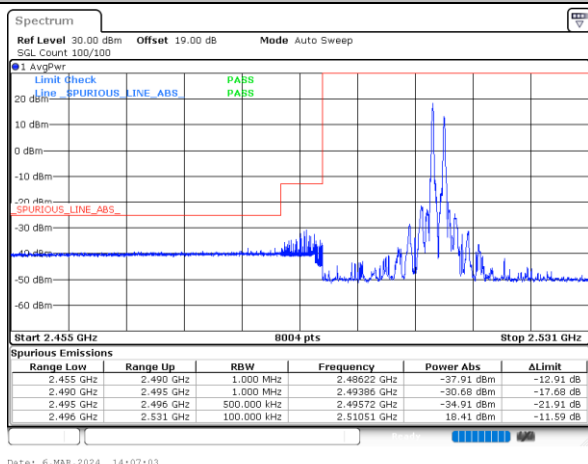
Lowest Band Edge / 1RB0 and 1RB99



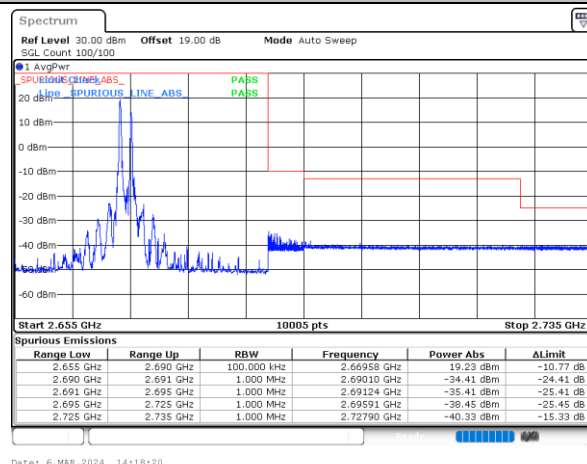
Highest Band Edge / 1RB0 and 1RB99



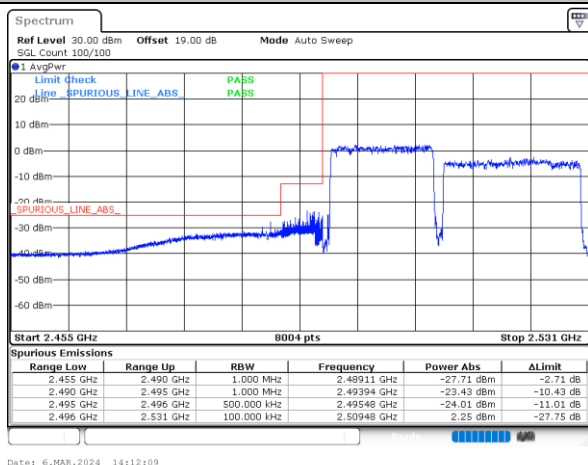
Lowest Band Edge / 1RB74 and 1RB0



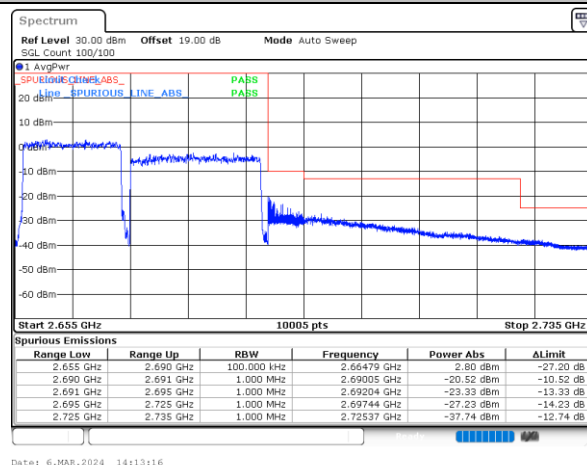
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

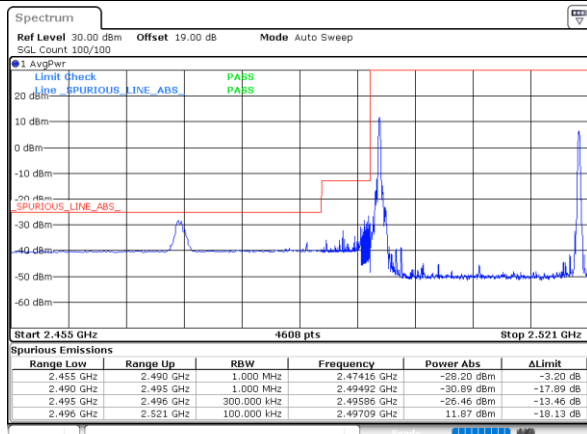




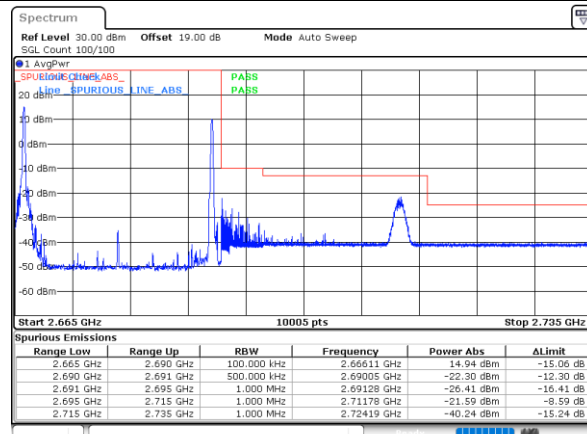
LTE Band 41C / 20MHz+5MHz

64QAM

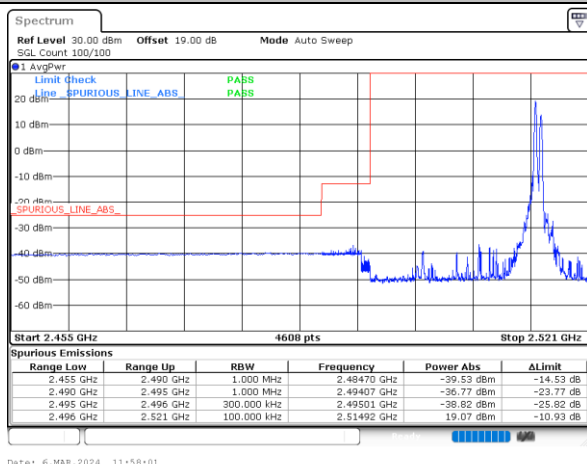
Lowest Band Edge / 1RB0 and 1RB24



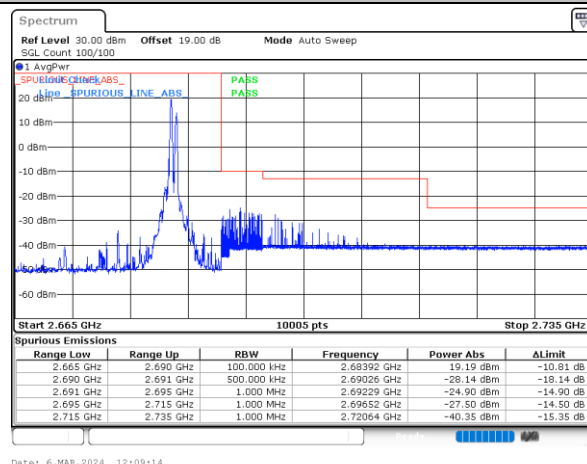
Highest Band Edge / 1RB0 and 1RB24



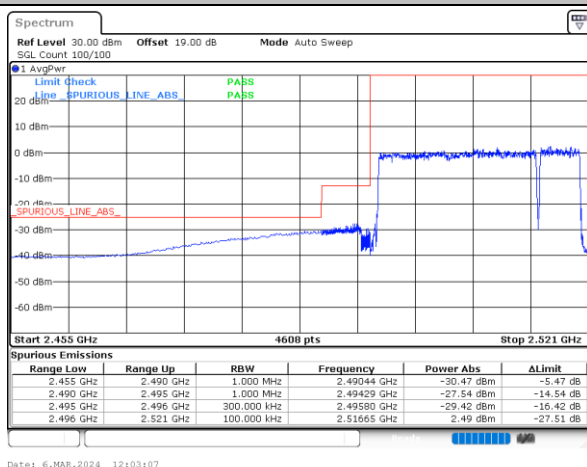
Lowest Band Edge / 1RB99 and 1RB0



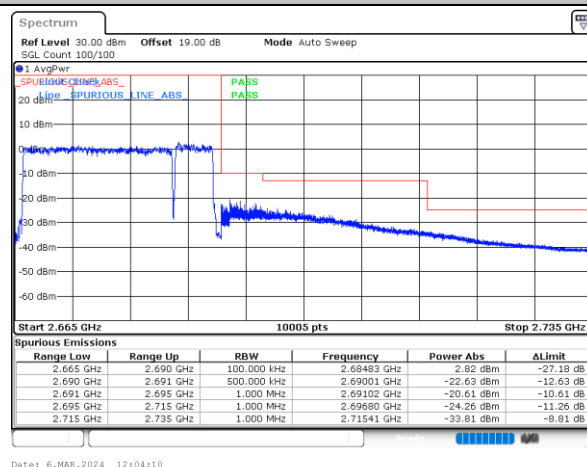
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

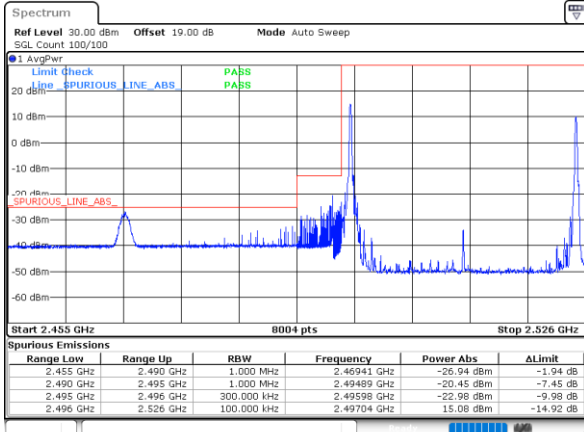




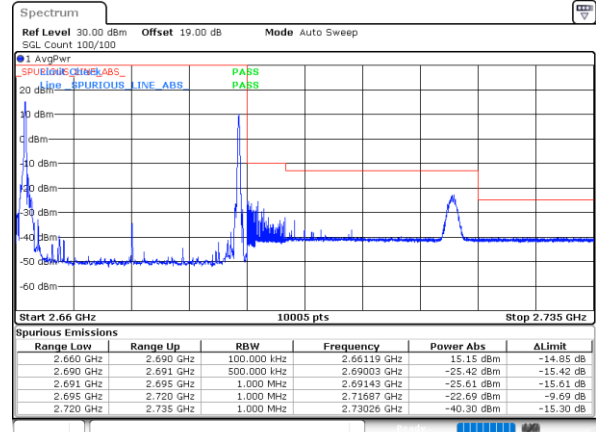
LTE Band 41C / 20MHz+10MHz

64QAM

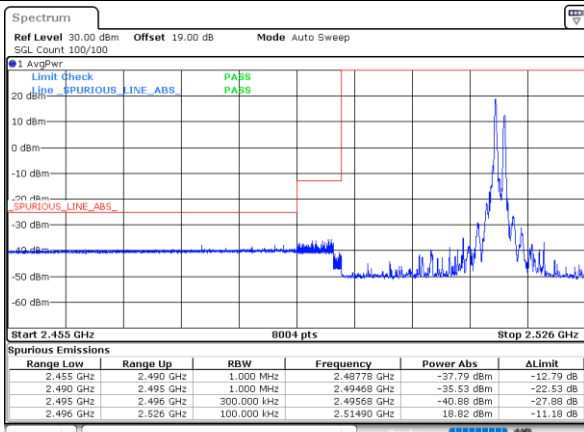
Lowest Band Edge / 1RB0 and 1RB49



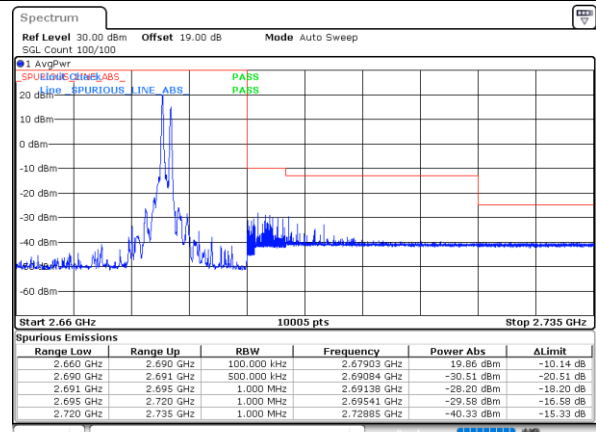
Highest Band Edge / 1RB0 and 1RB49



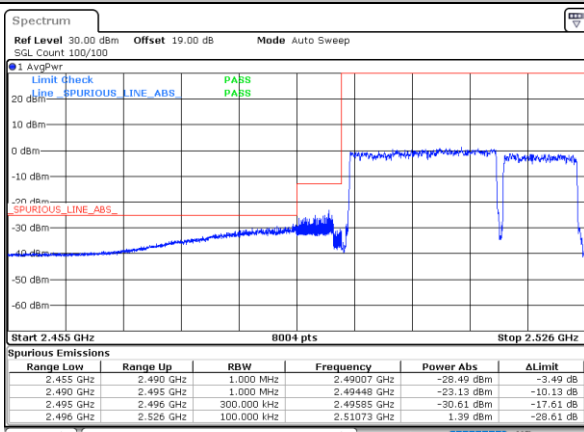
Lowest Band Edge / 1RB99 and 1RB0



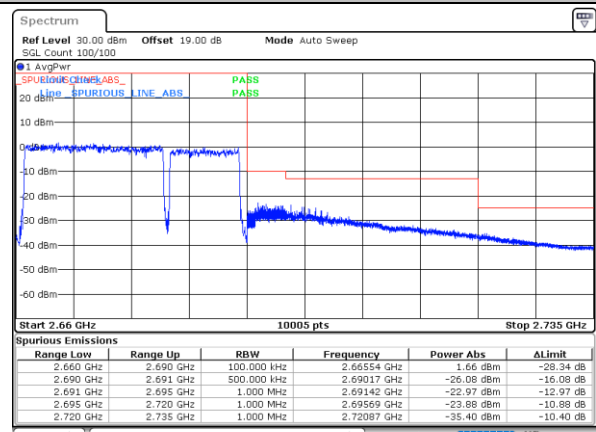
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

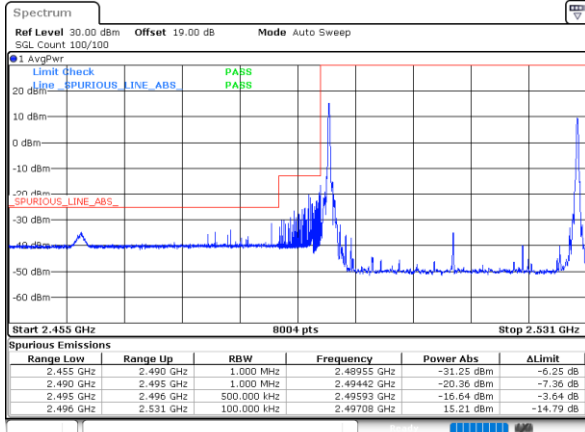




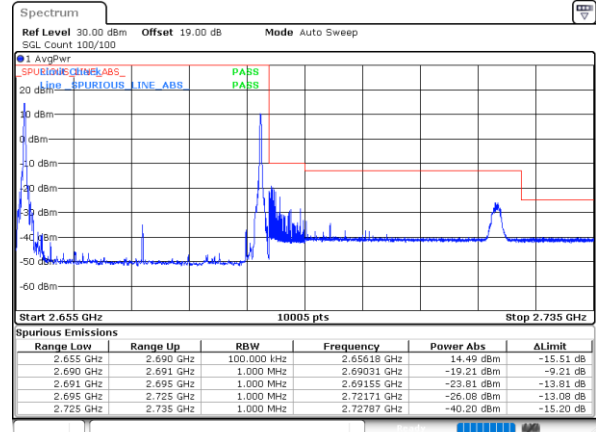
LTE Band 41C / 20MHz+15MHz

64QAM

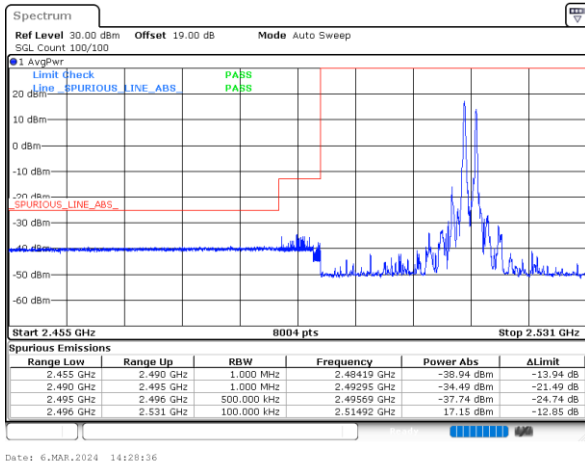
Lowest Band Edge / 1RB0 and 1RB74



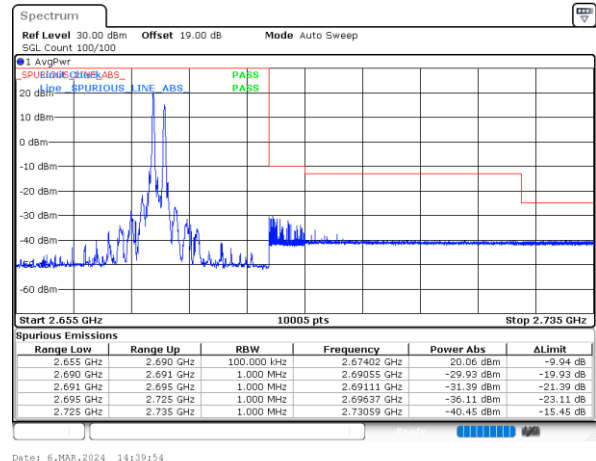
Highest Band Edge / 1RB0 and 1RB74



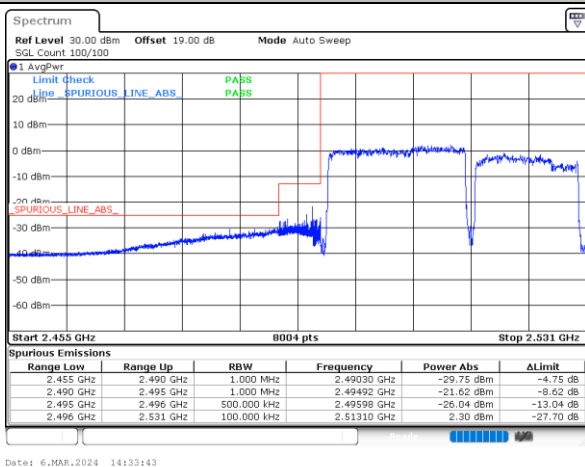
Lowest Band Edge / 1RB99 and 1RB0



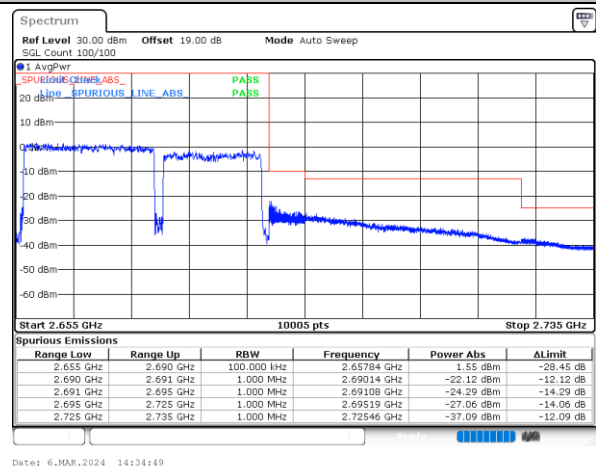
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

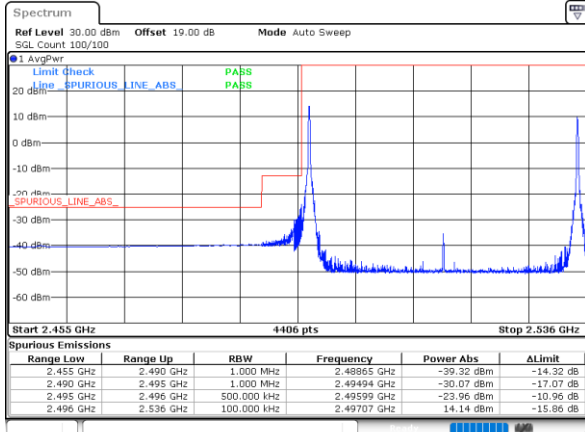




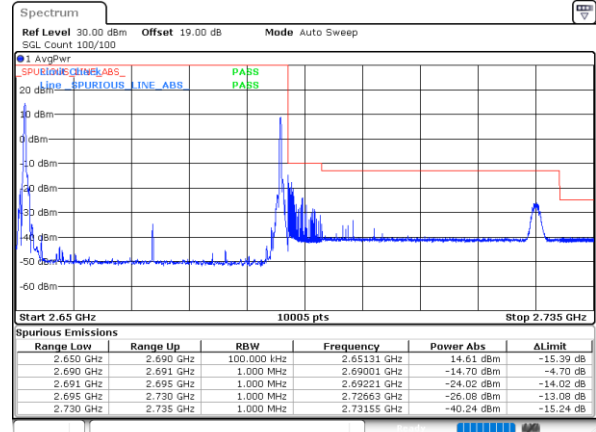
LTE Band 41C / 20MHz+20MHz

64QAM

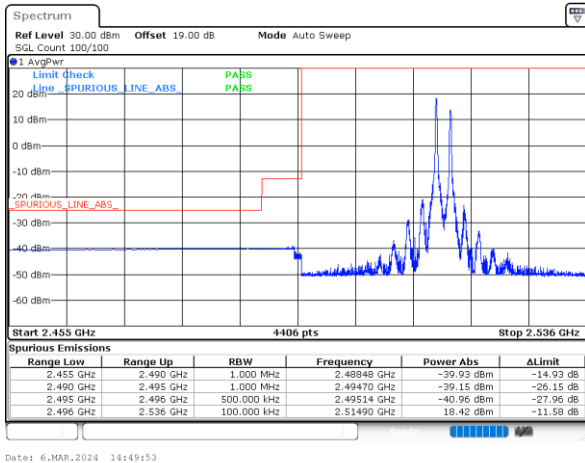
Lowest Band Edge / 1RB0 and 1RB99



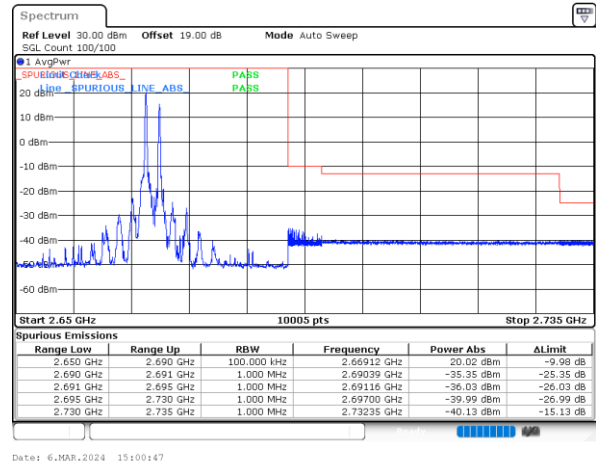
Highest Band Edge / 1RB0 and 1RB99



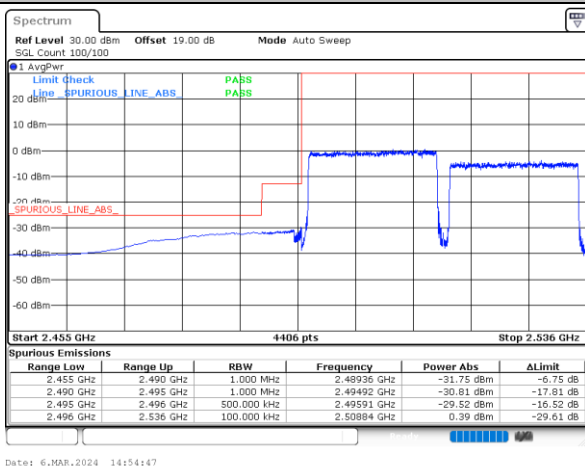
Lowest Band Edge / 1RB99 and 1RB0



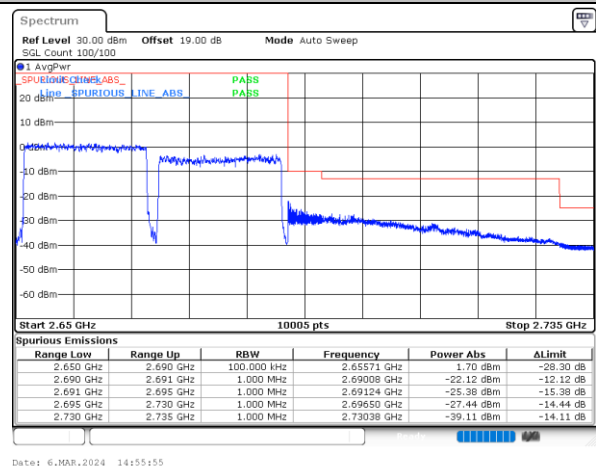
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





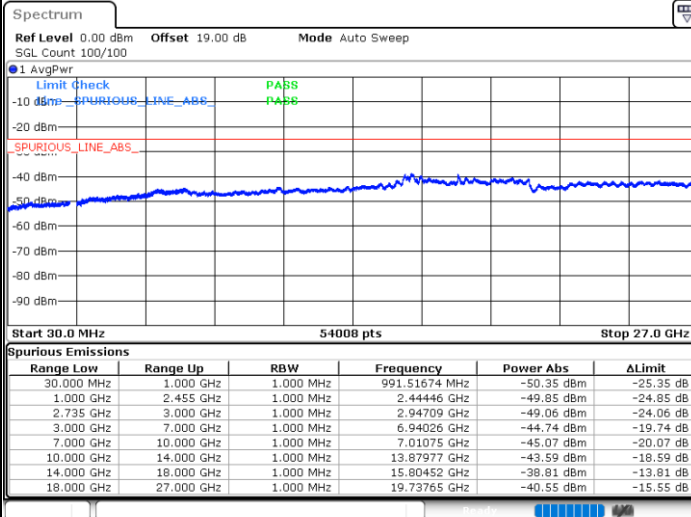
Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

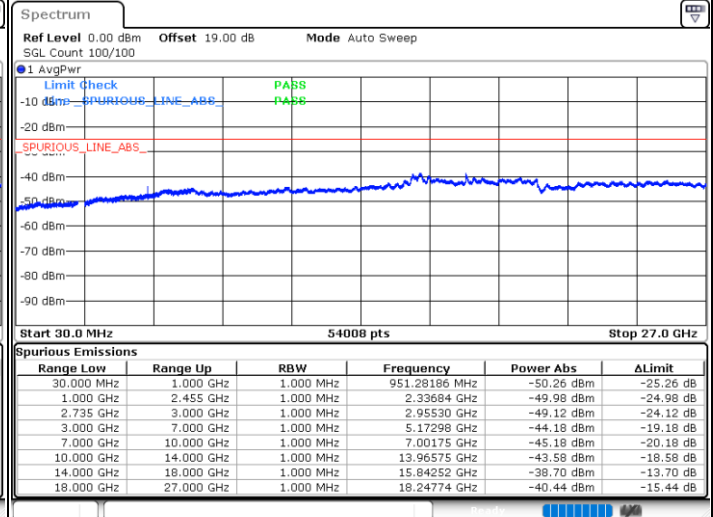
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

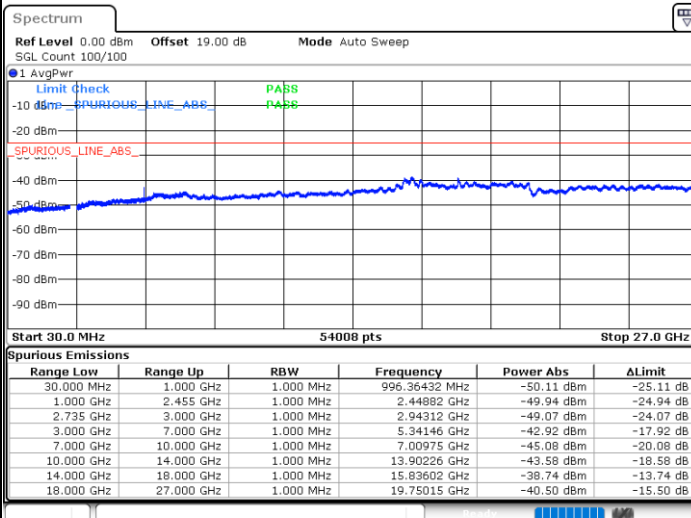


Date: 6.MAR.2024 11:33:47



Date: 6.MAR.2024 11:32:32

Highest Channel / 1RB24 and 1RB0



Date: 6.MAR.2024 11:50:45

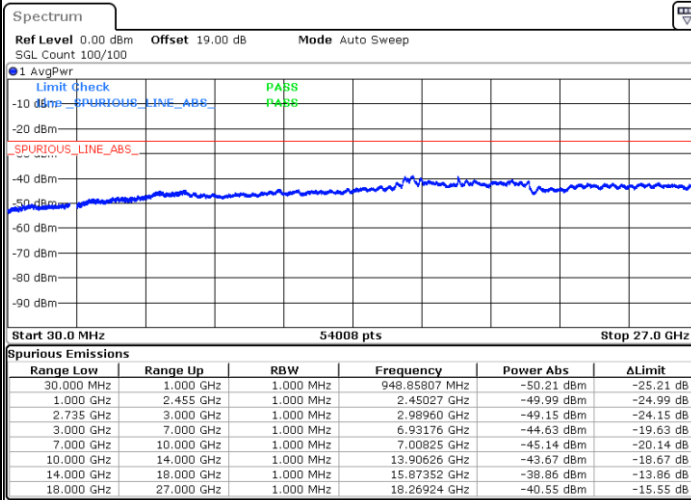


LTE Band 41C / 10MHz+15MHz

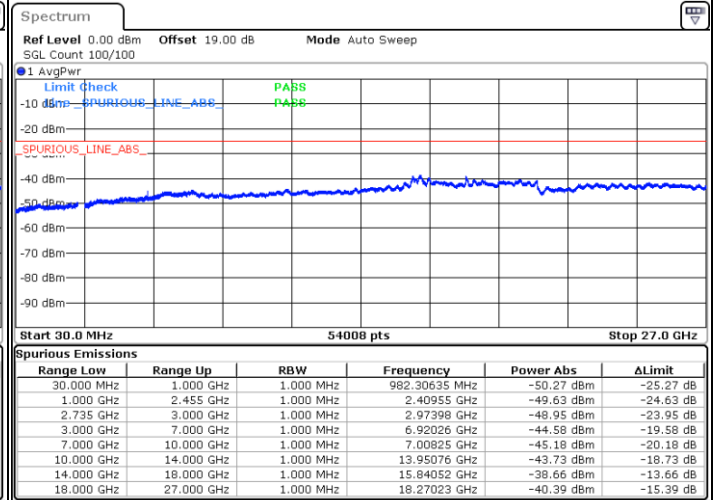
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

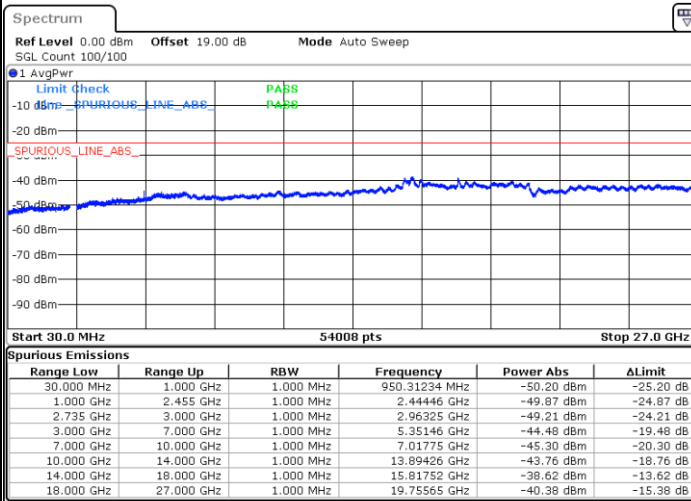


Date: 6.MAR.2024 12:17:20



Date: 6.MAR.2024 12:15:39

Highest Channel / 1RB49 and 1RB0



Date: 6.MAR.2024 12:33:58



LTE Band 41C / 10MHz+20MHz

QPSK

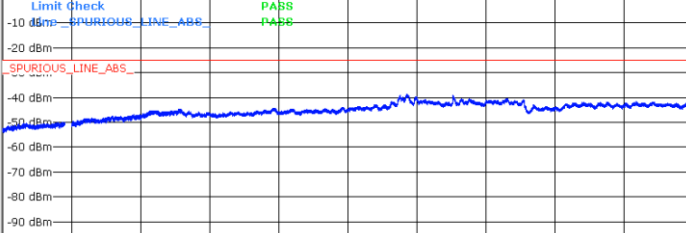
Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

Spectrum

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

1 AvgPwr



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	964.37031 MHz	-50.39 dBm	-25.39 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44955 GHz	-49.87 dBm	-24.87 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96391 GHz	-49.17 dBm	-24.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-44.79 dBm	-19.79 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00275 GHz	-45.16 dBm	-20.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.91226 GHz	-43.68 dBm	-18.68 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.80102 GHz	-38.71 dBm	-13.71 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.26924 GHz	-40.50 dBm	-15.50 dB

Spectrum

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

1 AvgPwr



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	965.82459 MHz	-50.32 dBm	-25.32 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.42846 GHz	-49.97 dBm	-24.97 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96298 GHz	-49.28 dBm	-24.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17648 GHz	-44.29 dBm	-19.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.02425 GHz	-45.11 dBm	-20.11 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88576 GHz	-43.70 dBm	-18.70 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.81552 GHz	-38.81 dBm	-13.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.26274 GHz	-40.49 dBm	-15.49 dB

Date: 6.MAR.2024 13:00:34

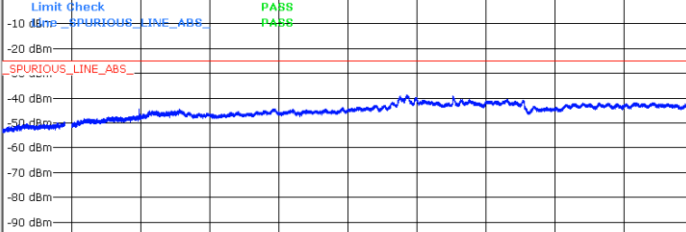
Date: 6.MAR.2024 12:59:03

Highest Channel / 1RB49 and 1RB0

Spectrum

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

1 AvgPwr



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	970.18741 MHz	-50.37 dBm	-25.37 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.43719 GHz	-49.72 dBm	-24.72 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97398 GHz	-49.12 dBm	-24.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.34096 GHz	-44.27 dBm	-19.27 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01525 GHz	-45.16 dBm	-20.16 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90976 GHz	-43.65 dBm	-18.65 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.81102 GHz	-38.85 dBm	-13.85 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.25624 GHz	-40.48 dBm	-15.48 dB

Date: 6.MAR.2024 13:17:19

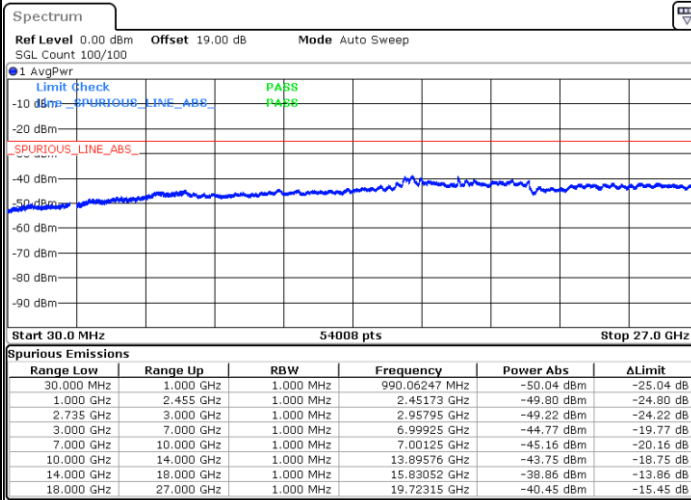


LTE Band 41C / 15MHz+10MHz

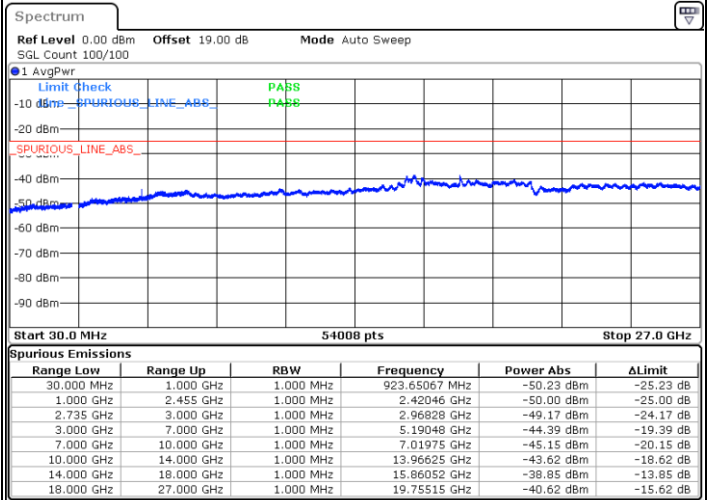
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

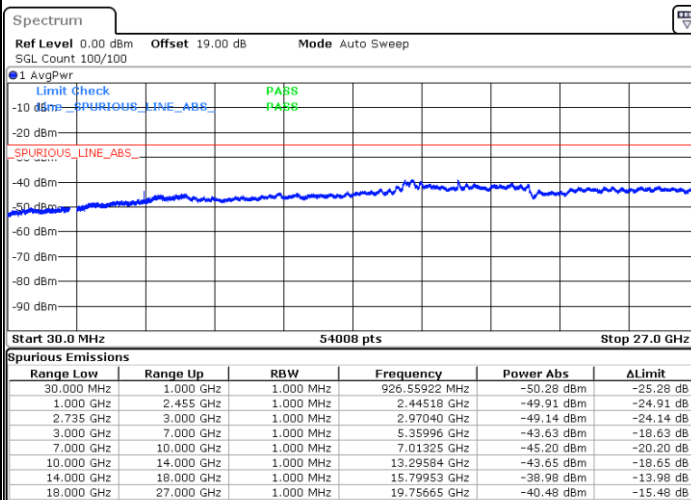


Date: 6.MAR.2024 12:38:45



Date: 6.MAR.2024 12:37:29

Highest Channel / 1RB74 and 1RB0



Date: 6.MAR.2024 12:55:31

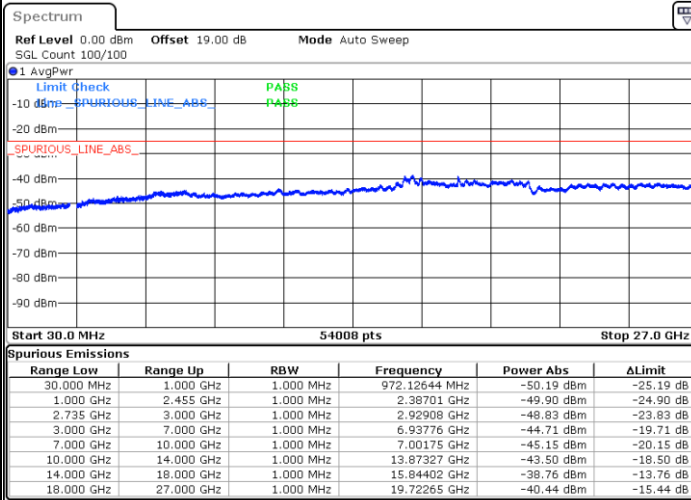


LTE Band 41C / 15MHz+15MHz

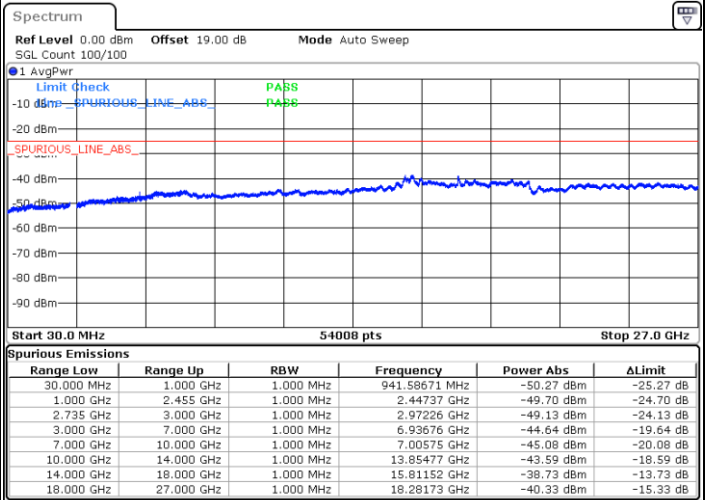
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

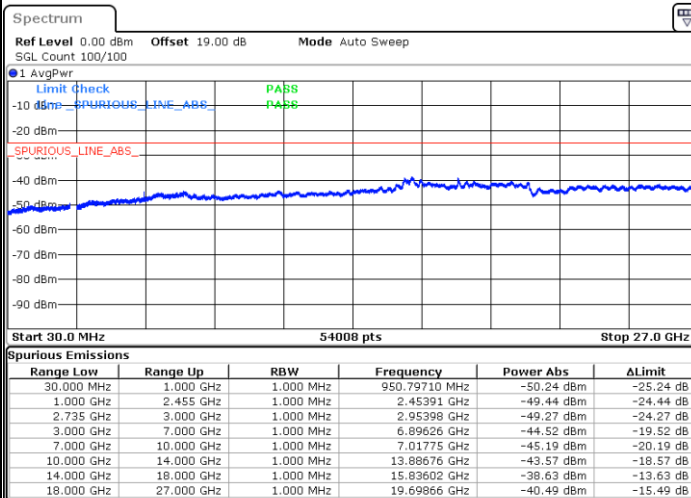


Date: 6.MAR.2024 13:43:18



Date: 6.MAR.2024 13:42:06

Highest Channel / 1RB74 and 1RB0



Date: 6.MAR.2024 13:59:29

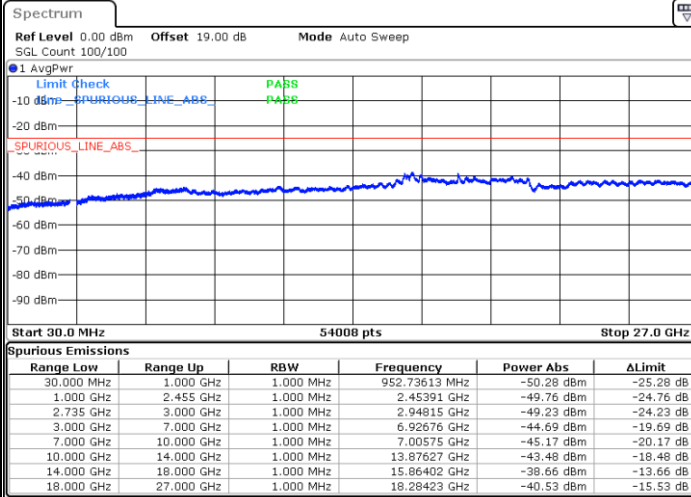


LTE Band 41C / 15MHz+20MHz

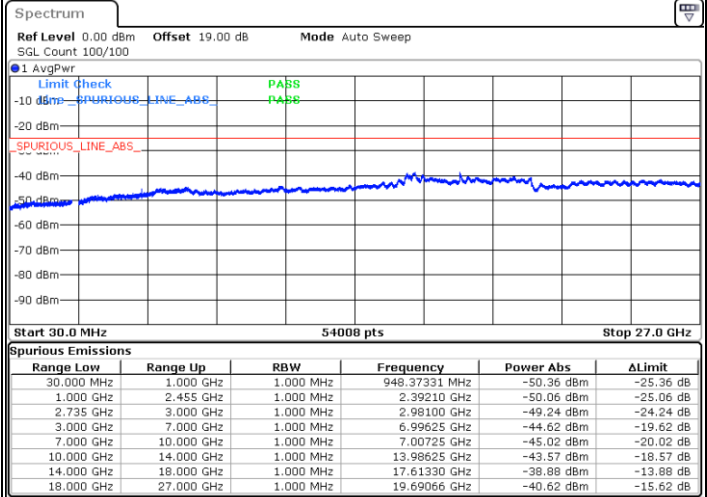
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

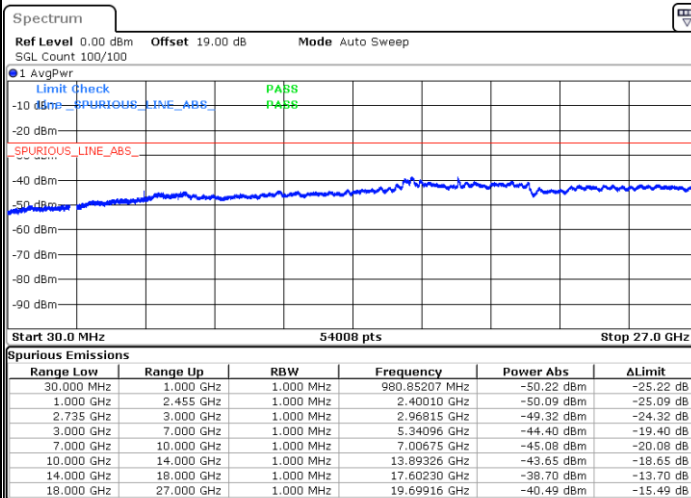


Date: 6.MAR.2024 14:04:31



Date: 6.MAR.2024 14:02:58

Highest Channel / 1RB74 and 1RB0



Date: 6.MAR.2024 14:21:16

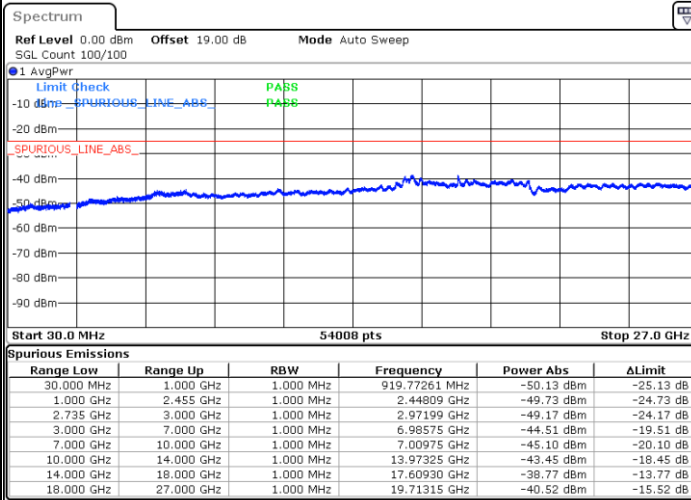


LTE Band 41C / 20MHz+5MHz

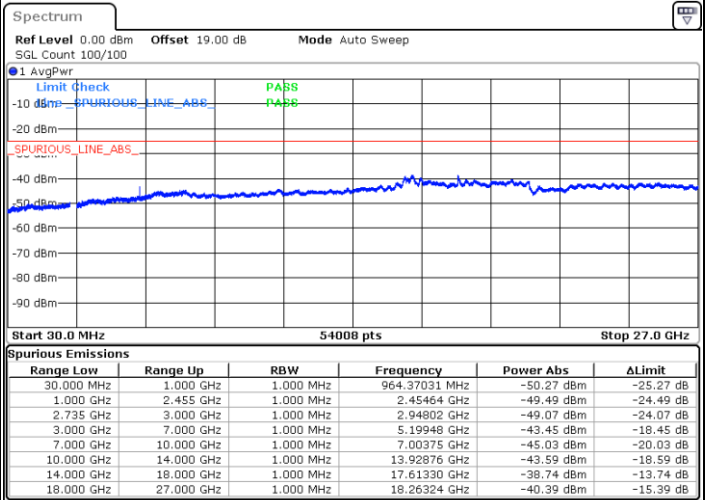
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

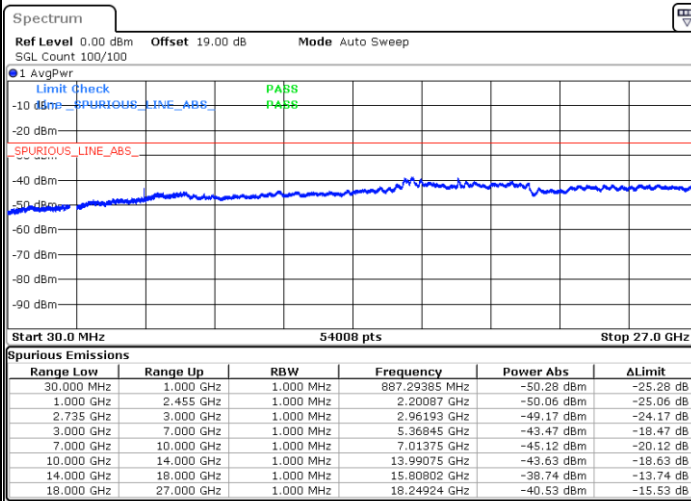


Date: 6.MAR.2024 11:55:30



Date: 6.MAR.2024 11:54:14

Highest Channel / 1RB99 and 1RB0



Date: 6.MAR.2024 12:12:10

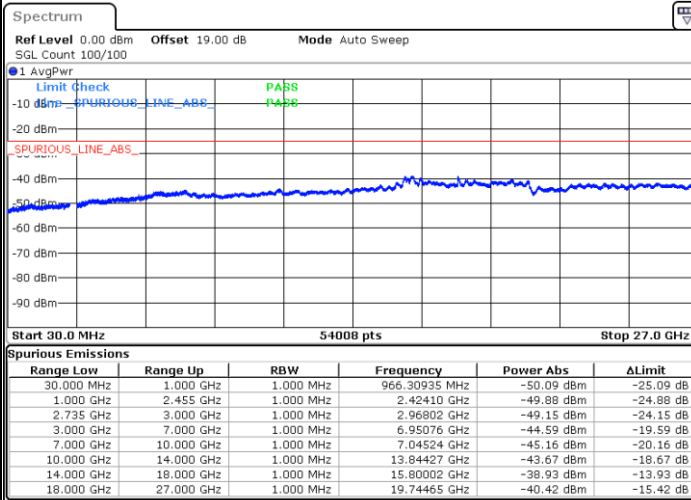


LTE Band 41C / 20MHz+10MHz

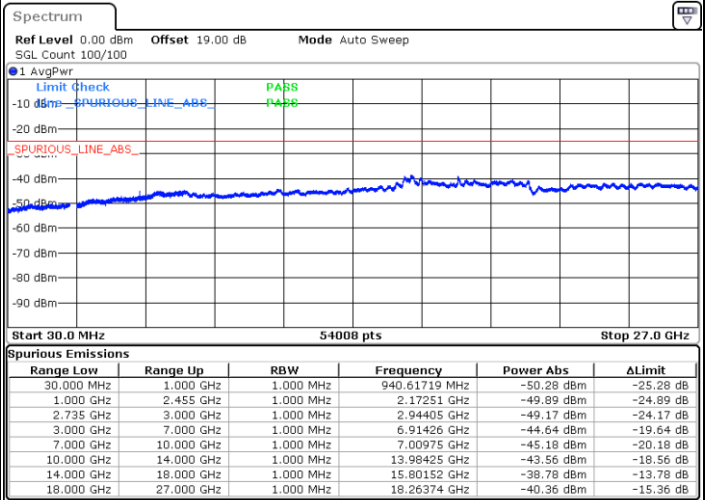
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

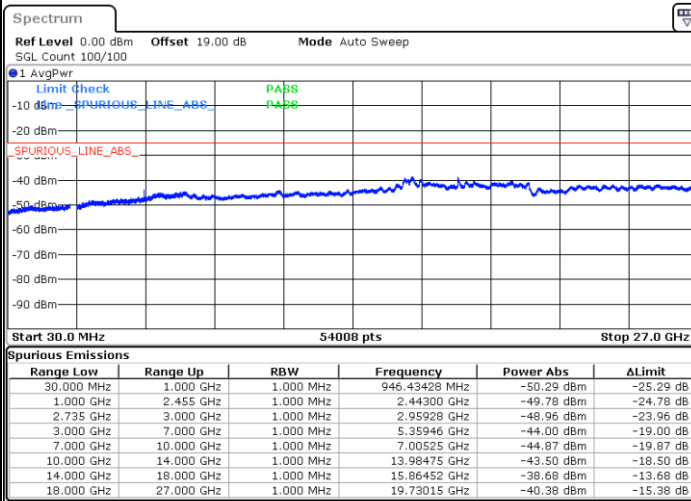


Date: 6.MAR.2024 13:21:51



Date: 6.MAR.2024 13:20:35

Highest Channel / 1RB99 and 1RB0



Date: 6.MAR.2024 13:38:40

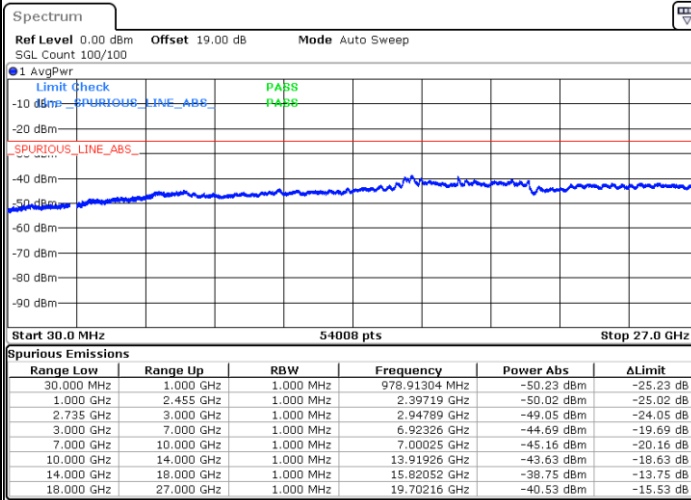


LTE Band 41C / 20MHz+15MHz

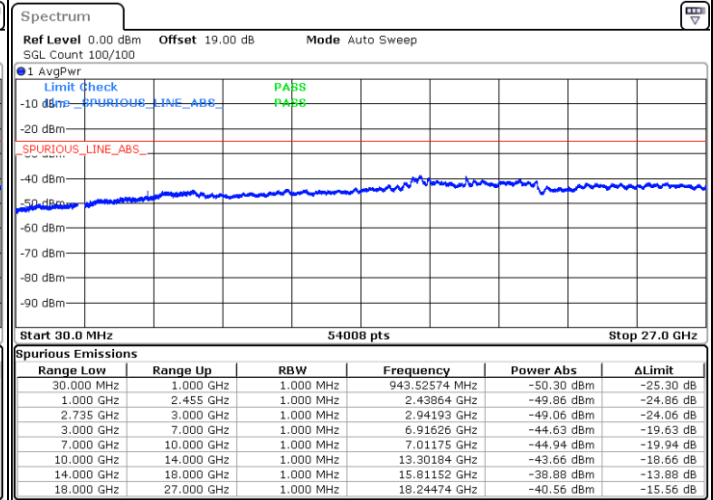
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

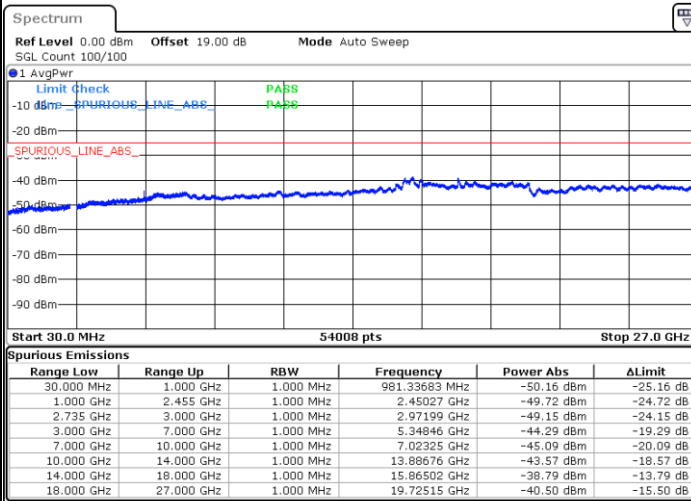


Date: 6.MAR.2024 14:26:04



Date: 6.MAR.2024 14:24:49

Highest Channel / 1RB99 and 1RB0



Date: 6.MAR.2024 14:42:51

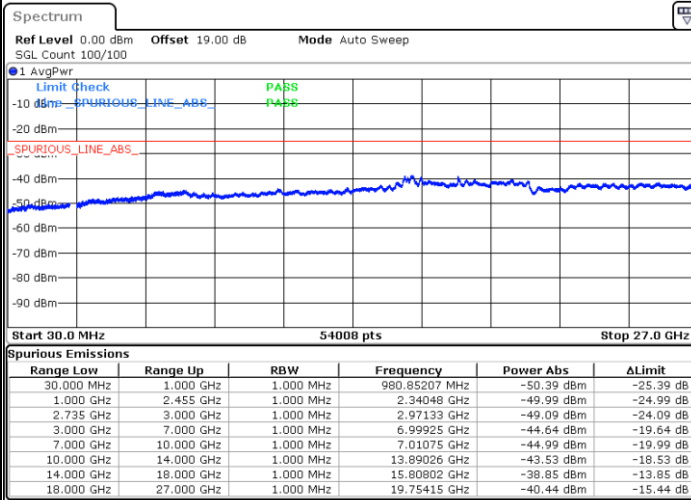


LTE Band 41C / 20MHz+20MHz

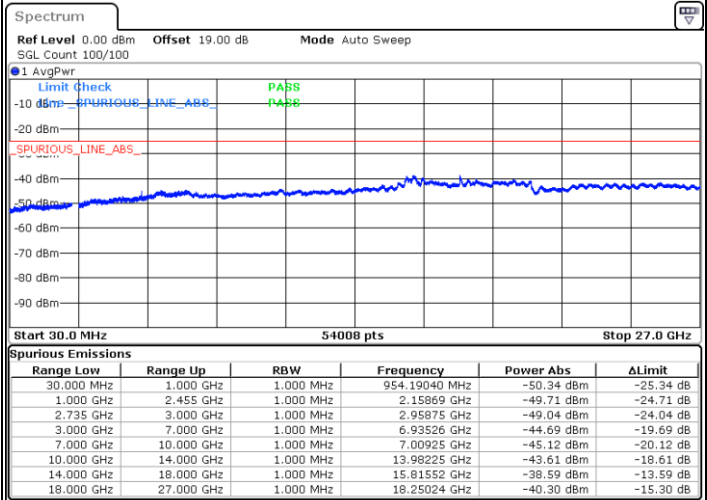
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

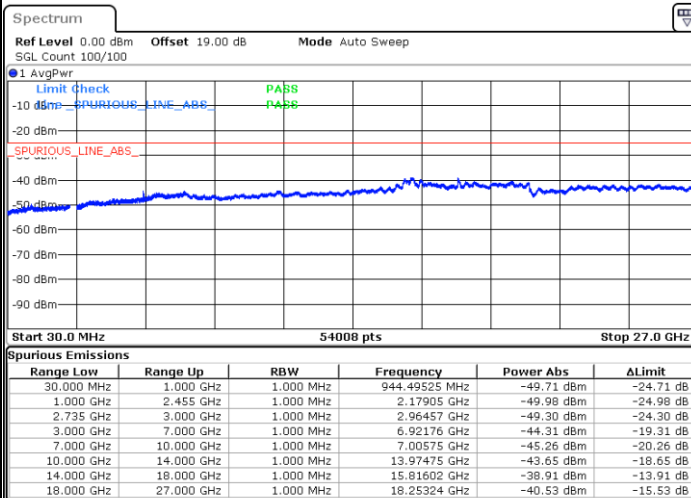


Date: 6.MAR.2024 14:47:27



Date: 6.MAR.2024 14:46:14

Highest Channel / 1RB99 and 1RB0



Date: 6.MAR.2024 15:03:38



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	23~25°C
		Relative Humidity :	41~42%

RSE pretest all the supported antennas, only the worst results are shown in the report.

LTE Band 7 / 20MHz / QPSK ANT3								
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	5050	-61.68	-25	-36.68	-71.89	3.03	13.24	H
	7584	-56.89	-25	-31.89	-66.34	3.56	13.01	H
	10104	-60.59	-25	-35.59	-70.11	3.92	13.44	H
	5050	-60.83	-25	-35.83	-71.04	3.03	13.24	V
	7584	-48.57	-25	-23.57	-58.02	3.56	13.01	V
	10104	-61.47	-25	-36.47	-70.99	3.92	13.44	V

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

EN-DC_7A_n77A / LTE 20MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT8(NR) – other PA								
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	5050	-60.83	-25	-35.83	-71.04	3.03	13.24	H
	7584	-56.33	-25	-31.33	-65.78	3.56	13.01	H
	10104	-59.74	-25	-34.74	-69.26	3.92	13.44	H
	5050	-59.87	-25	-34.87	-70.08	3.03	13.24	V
	7584	-47.73	-25	-22.73	-57.18	3.56	13.01	V
	10104	-60.16	-25	-35.16	-69.68	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 ANT3								
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	5036	-62.59	-25	-37.59	-72.80	3.03	13.24	H
	7542	-61.32	-25	-36.32	-70.77	3.56	13.01	H
	10062	-60.73	-25	-35.73	-70.25	3.92	13.44	H
	5078	-62.92	-25	-37.92	-73.13	3.03	13.24	H
	7612	-60.75	-25	-35.75	-70.20	3.56	13.01	H
	10146	-61.13	-25	-36.13	-70.65	3.92	13.44	H
	5036	-62.10	-25	-37.10	-72.31	3.03	13.24	V
	7542	-60.65	-25	-35.65	-70.10	3.56	13.01	V
	10062	-61.28	-25	-36.28	-70.80	3.92	13.44	V
	5078	-63.07	-25	-38.07	-73.28	3.03	13.24	V
	7612	-61.23	-25	-36.23	-70.68	3.56	13.01	V
	10146	-61.49	-25	-36.49	-71.01	3.92	13.44	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5162	-66.62	-25	-41.62	-76.83	3.03	13.24	H
	7752	-60.04	-25	-35.04	-69.49	3.56	13.01	H
	10342	-63.05	-25	-38.05	-72.57	3.92	13.44	H
	5162	-65.43	-25	-40.43	-75.64	3.03	13.24	V
	7752	-54.54	-25	-29.54	-63.99	3.56	13.01	V
	10342	-63.55	-25	-38.55	-73.07	3.92	13.44	V

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

EN-DC_41A_n77A / LTE 20MHz + NR 100MHz / QPSK / ANT3(LTE) & ANT8(NR) – other PA								
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	-65.94	-25	-40.94	-76.15	3.03	13.24	H
	7752	-59.79	-25	-34.79	-69.24	3.56	13.01	H
	10342	-63.09	-25	-38.09	-72.61	3.92	13.44	H
	5162	-65.84	-25	-40.84	-76.05	3.03	13.24	V
	7752	-53.45	-25	-28.45	-62.90	3.56	13.01	V
	10342	-63.95	-25	-38.95	-73.47	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 ANT3								
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	5148	-66.61	-25	-41.61	-76.82	3.03	13.24	H
	7724	-64.45	-25	-39.45	-73.90	3.56	13.01	H
	10300	-63.38	-25	-38.38	-72.90	3.92	13.44	H
	5190	-66.39	-25	-41.39	-76.60	3.03	13.24	H
	7780	-64.54	-25	-39.54	-73.99	3.56	13.01	H
	10370	-63.38	-25	-38.38	-72.90	3.92	13.44	H
	5148	-67.07	-25	-42.07	-77.28	3.03	13.24	V
	7724	-63.84	-25	-38.84	-73.29	3.56	13.01	V
	10300	-63.37	-25	-38.37	-72.89	3.92	13.44	V
	5190	-66.33	-25	-41.33	-76.54	3.03	13.24	V
	7780	-64.80	-25	-39.80	-74.25	3.56	13.01	V
	10370	-63.49	-25	-38.49	-73.01	3.92	13.44	V

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