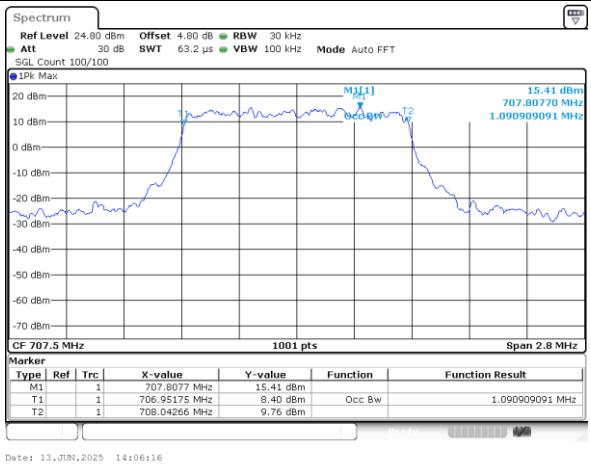
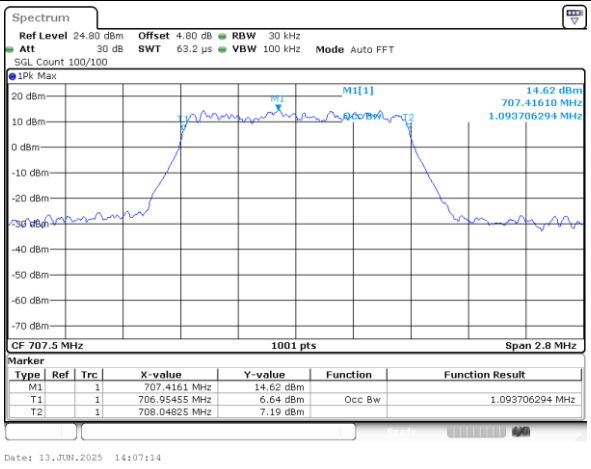
Occupied Bandwidth

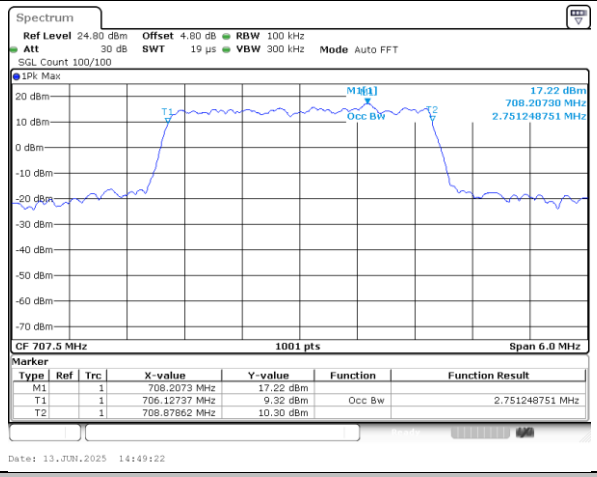
Mode	LTE Band 12 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.75	2.72
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.13	5.11

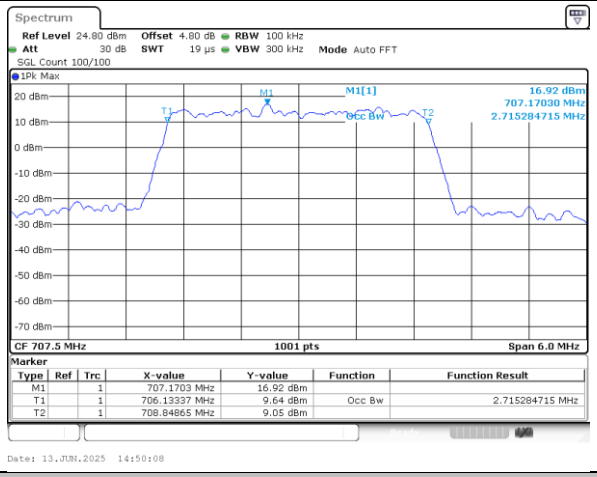
LTE Band 12	
Middle Channel / 1.4MHz / QPSK	Middle Channel / 1.4MHz / 16QAM



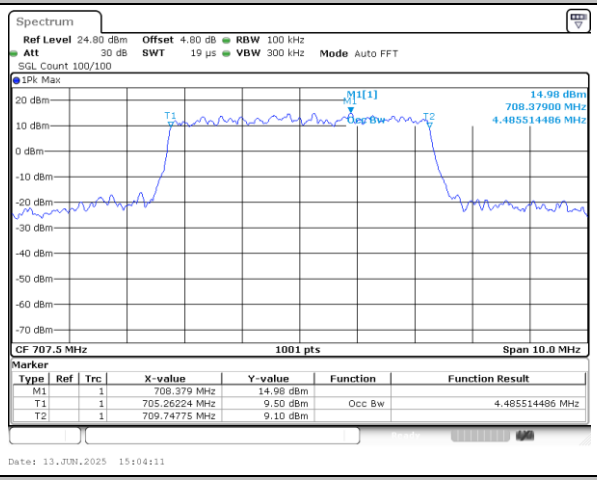


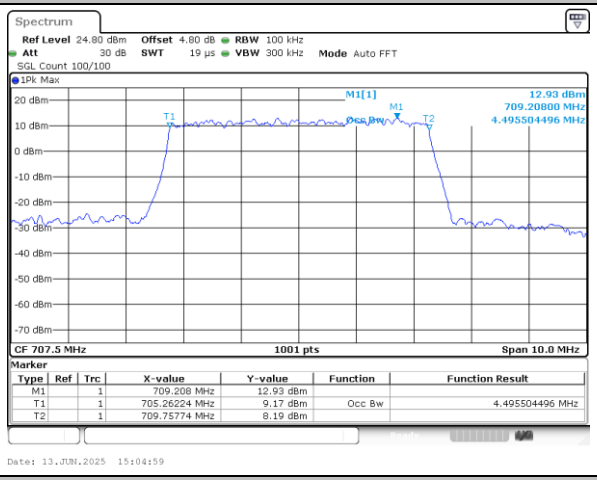
LTE Band 12	
Middle Channel / 3MHz / QPSK	Middle Channel / 3MHz / 16QAM



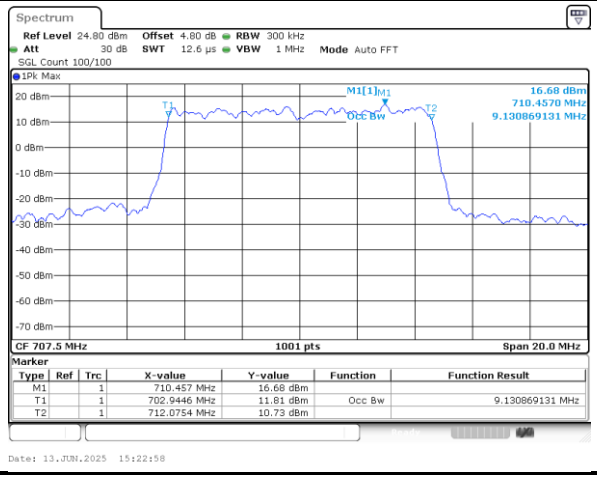


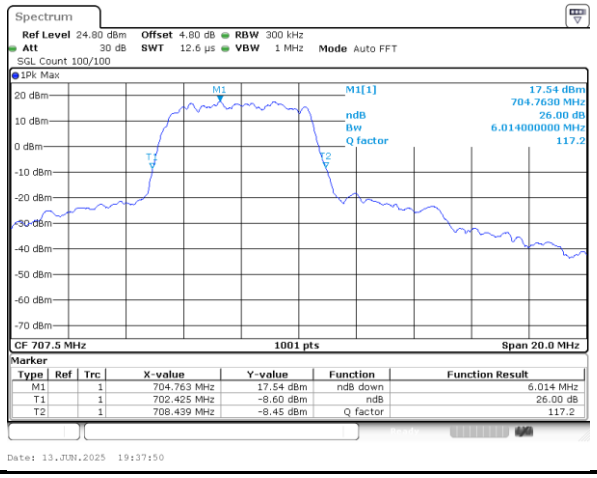
LTE Band 12	
Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM





LTE Band 12	
Middle Channel / 10MHz / QPSK	Middle Channel / 10MHz / 16QAM

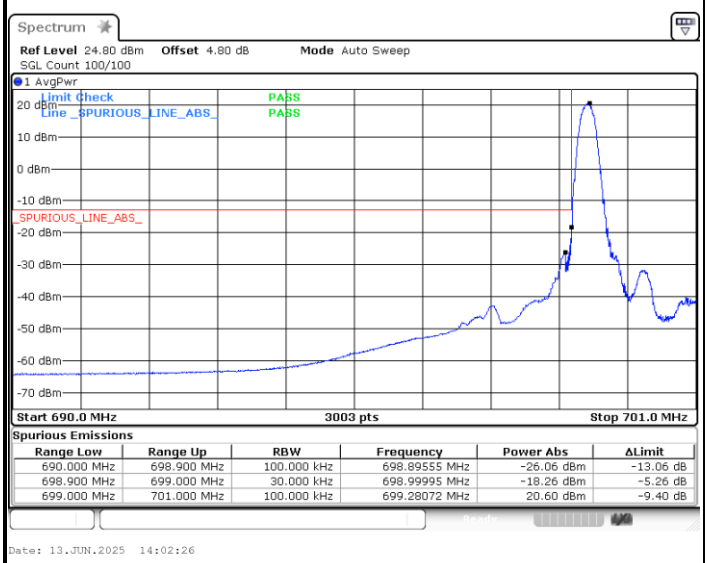




Conducted Band Edge

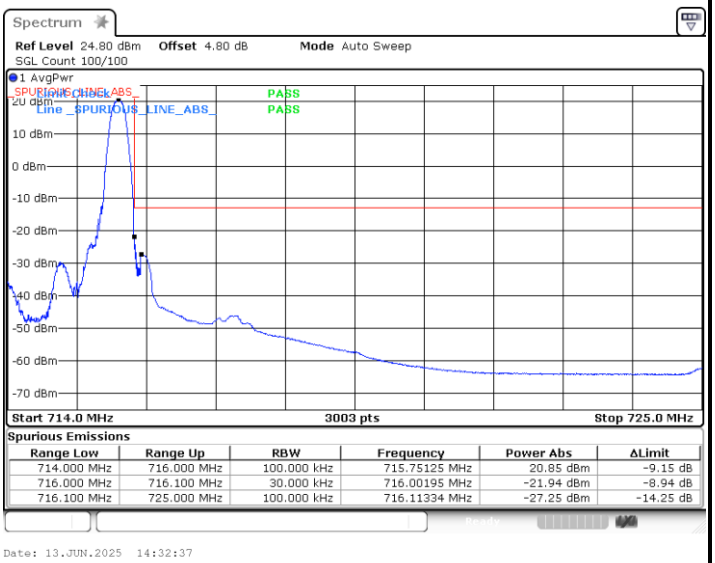
LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



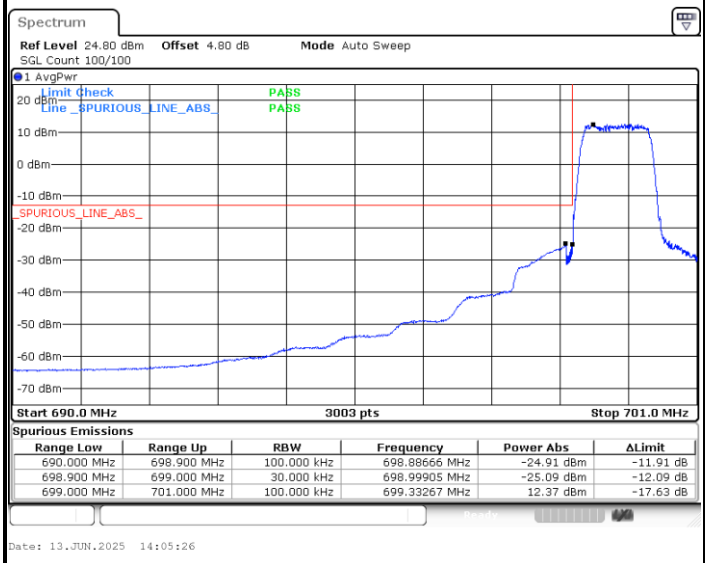
Date: 13.JUN.2025 14:02:26

Highest Band Edge / 1RB



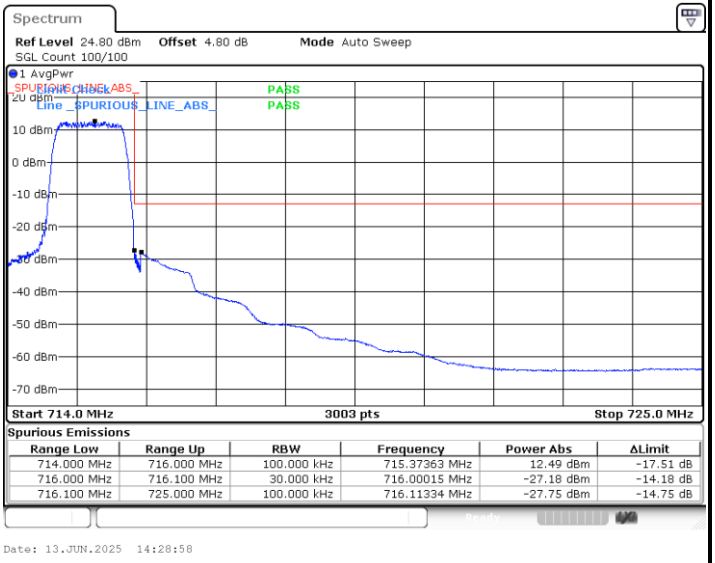
Date: 13.JUN.2025 14:32:37

Lowest Band Edge / Full RB



Date: 13.JUN.2025 14:05:26

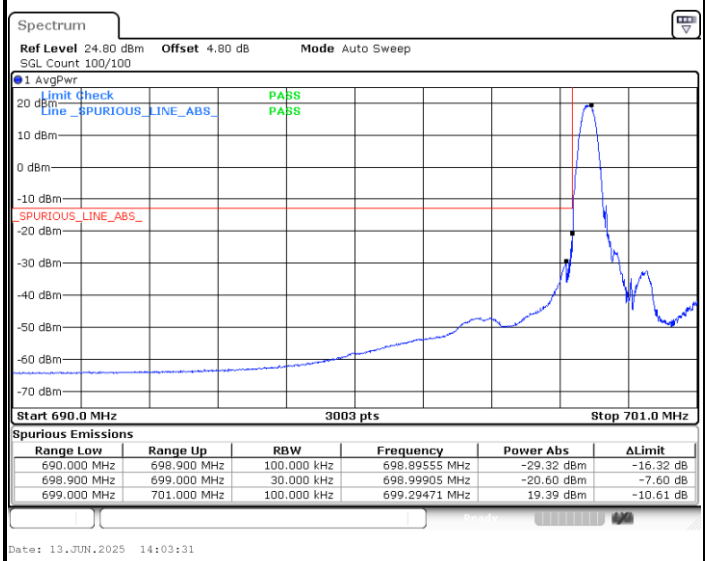
Highest Band Edge / Full RB



Date: 13.JUN.2025 14:28:58

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

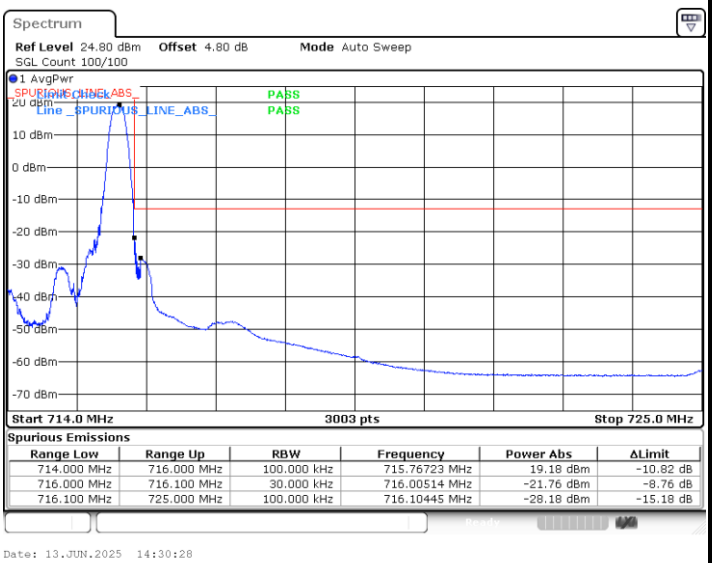


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.32 dBm	-16.32 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99905 MHz	-20.60 dBm	-7.60 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.29471 MHz	19.39 dBm	-10.61 dB

Date: 13.JUN.2025 14:03:31

Highest Band Edge / 1 RB

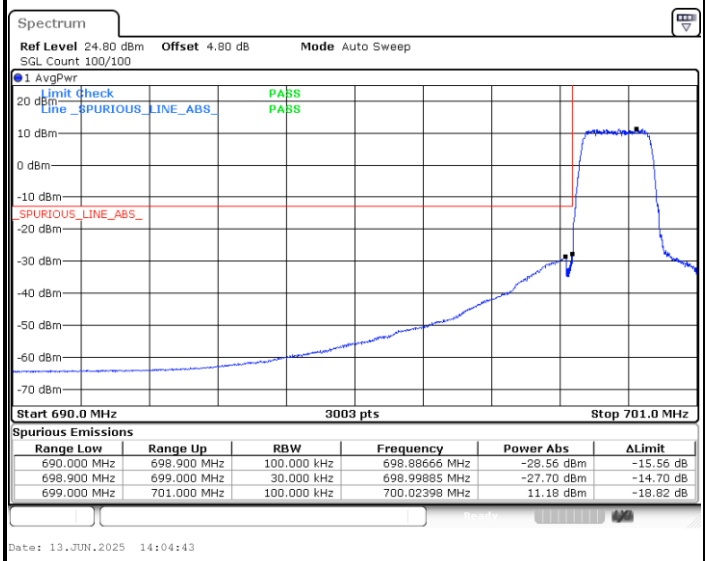


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.76723 MHz	19.18 dBm	-10.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00514 MHz	-21.76 dBm	-8.76 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.18 dBm	-15.18 dB

Date: 13.JUN.2025 14:30:28

Lowest Band Edge / Full RB

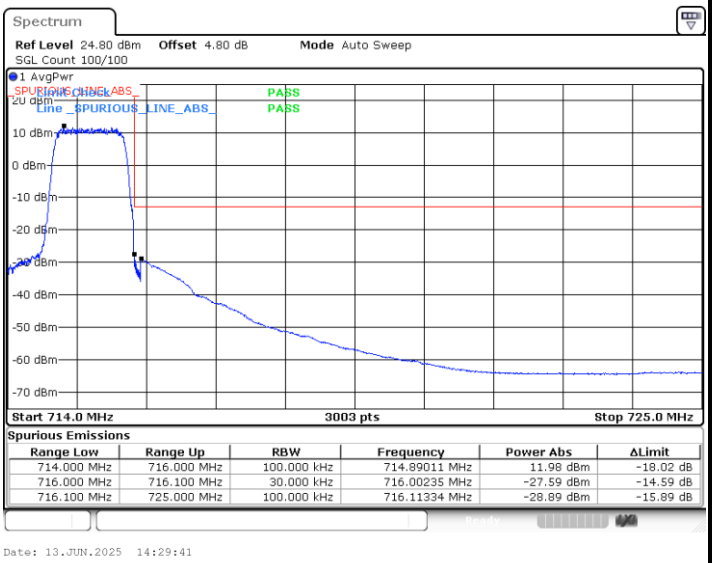


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-28.56 dBm	-15.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99885 MHz	-27.70 dBm	-14.70 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.02398 MHz	11.18 dBm	-18.82 dB

Date: 13.JUN.2025 14:04:43

Highest Band Edge / Full RB



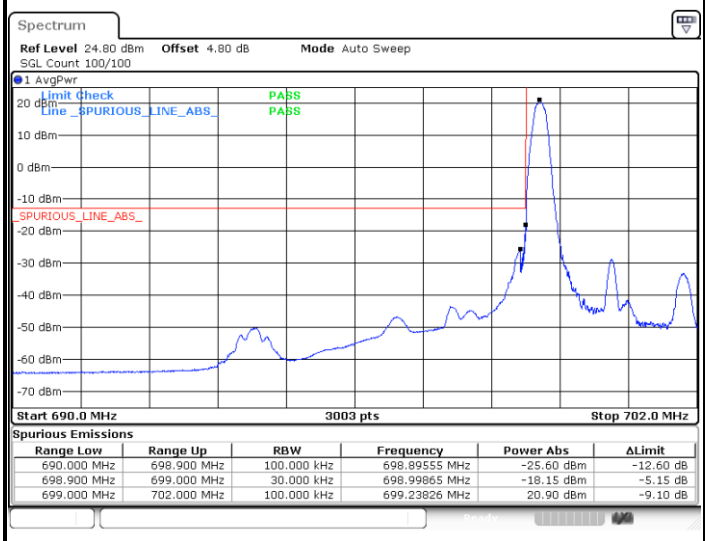
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.89011 MHz	11.98 dBm	-18.02 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-27.59 dBm	-14.59 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-28.89 dBm	-15.89 dB

Date: 13.JUN.2025 14:29:41

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

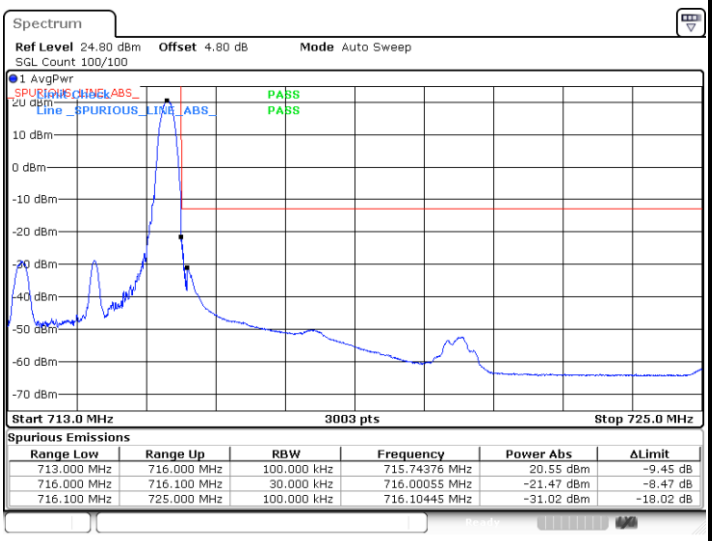


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-25.60 dBm	-12.60 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99865 MHz	-18.15 dBm	-5.15 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.23826 MHz	20.90 dBm	-9.10 dB

Date: 13.JUN.2025 14:46:23

Highest Band Edge / 1 RB

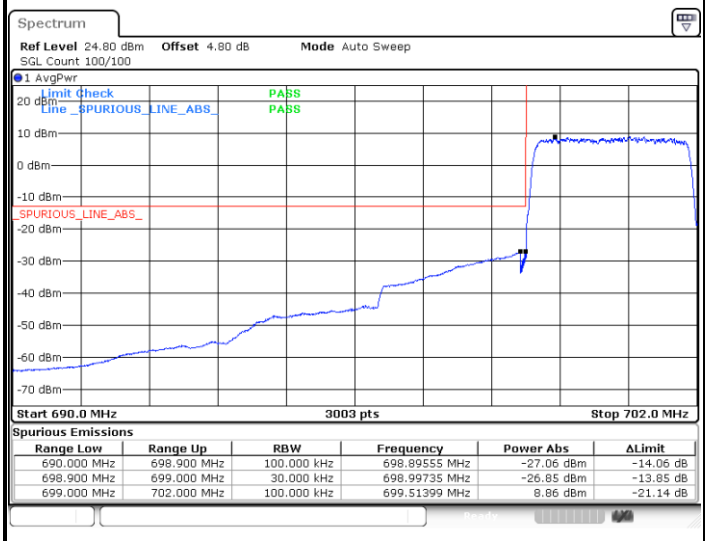


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74376 MHz	20.55 dBm	-9.45 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-21.47 dBm	-8.47 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.02 dBm	-18.02 dB

Date: 13.JUN.2025 14:55:59

Lowest Band Edge / Full RB

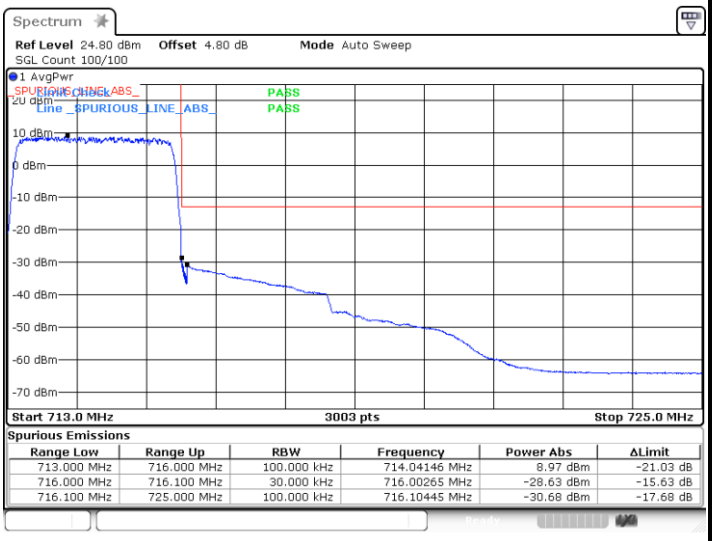


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.06 dBm	-14.06 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99735 MHz	-26.85 dBm	-13.85 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.51399 MHz	8.86 dBm	-21.14 dB

Date: 13.JUN.2025 14:48:44

Highest Band Edge / Full RB



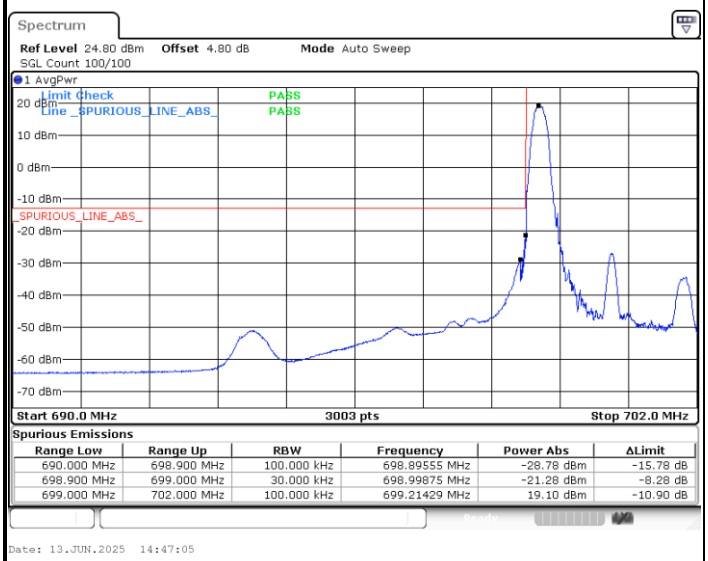
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.04146 MHz	8.97 dBm	-21.03 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00265 MHz	-28.63 dBm	-15.63 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.68 dBm	-17.68 dB

Date: 13.JUN.2025 14:59:09

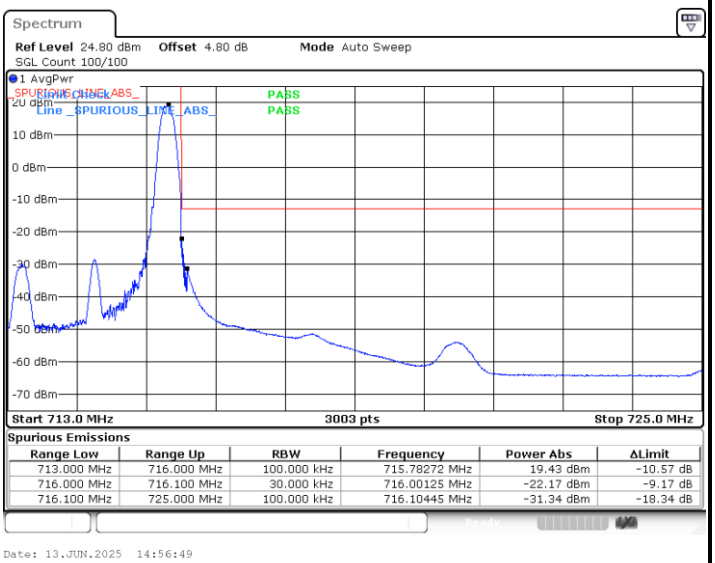
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



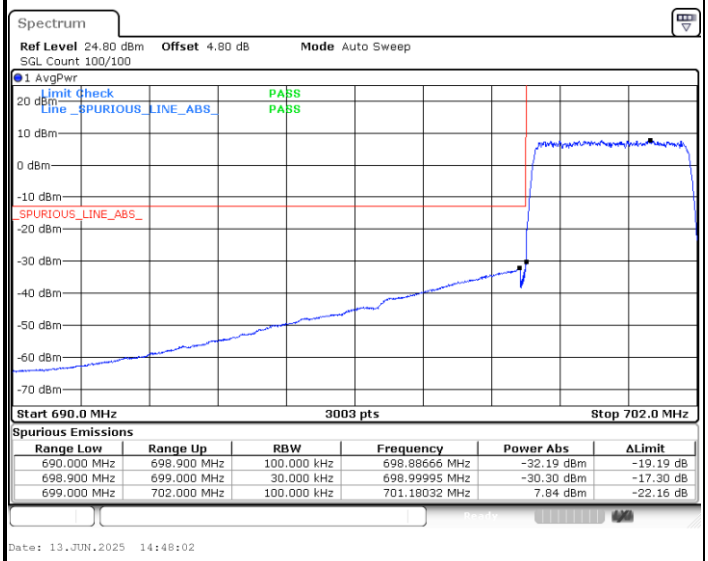
Date: 13.JUN.2025 14:47:05

Highest Band Edge /1 RB



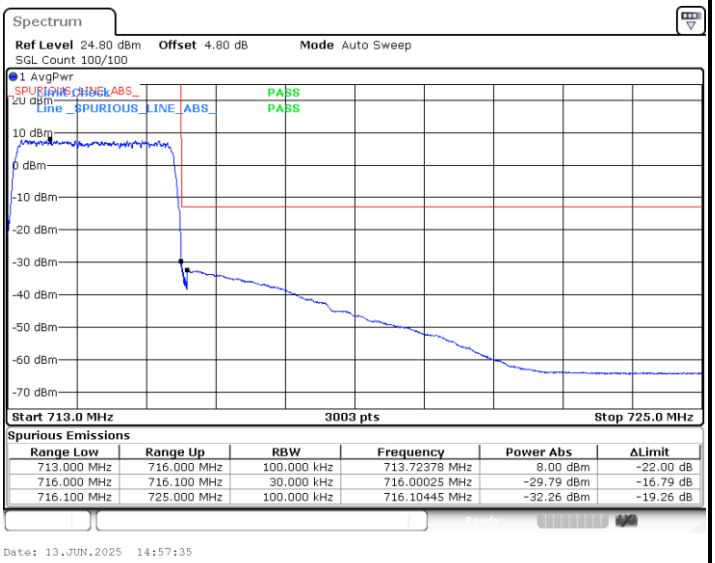
Date: 13.JUN.2025 14:56:49

Lowest Band Edge / Full RB



Date: 13.JUN.2025 14:48:02

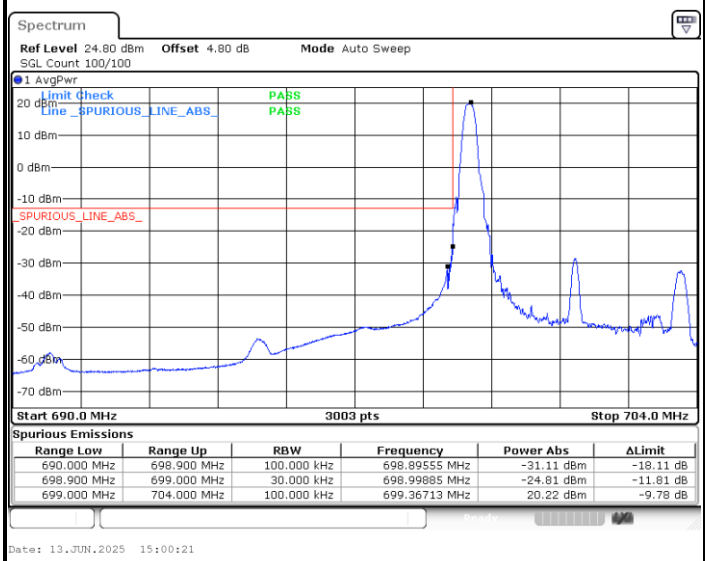
Highest Band Edge / Full RB



Date: 13.JUN.2025 14:57:35

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

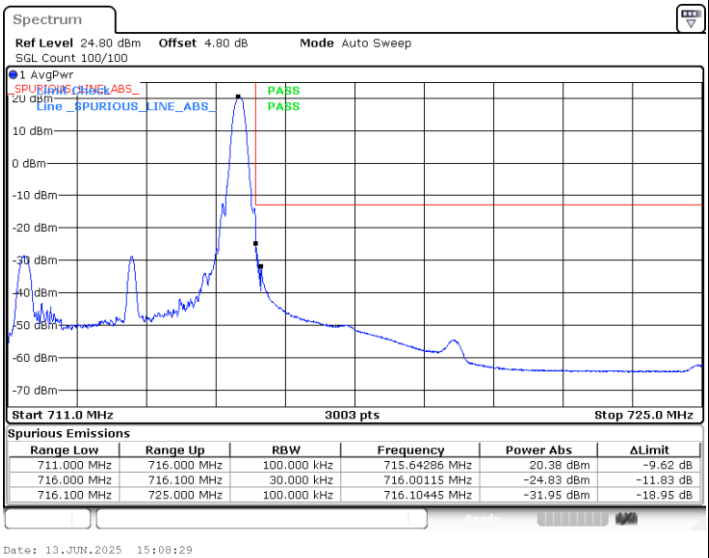


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.11 dBm	-18.11 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99885 MHz	-24.81 dBm	-11.81 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.36713 MHz	20.22 dBm	-9.78 dB

Date: 13.JUN.2025 15:00:21

Highest Band Edge / 1 RB

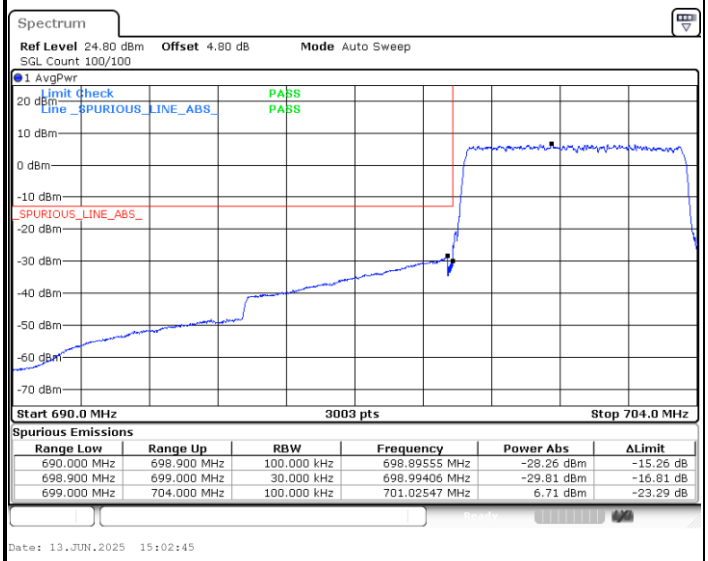


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64286 MHz	20.38 dBm	-9.62 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-24.83 dBm	-11.83 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.95 dBm	-18.95 dB

Date: 13.JUN.2025 15:08:29

Lowest Band Edge / Full RB

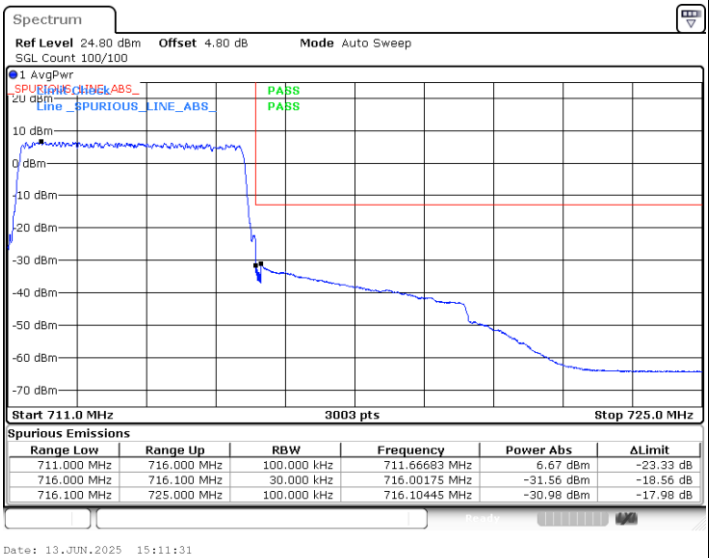


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.26 dBm	-15.26 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99406 MHz	-29.81 dBm	-16.81 dB
699.000 MHz	704.000 MHz	100.000 kHz	701.02547 MHz	6.71 dBm	-23.29 dB

Date: 13.JUN.2025 15:02:45

Highest Band Edge / Full RB



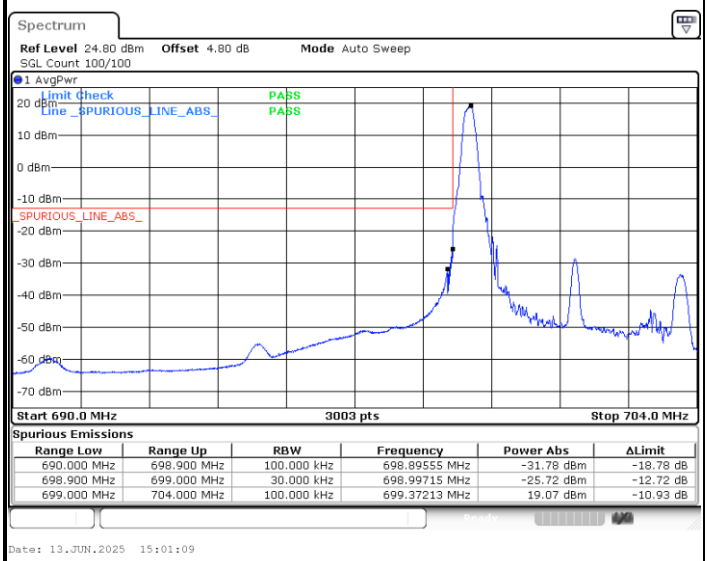
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.66683 MHz	6.67 dBm	-23.33 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00175 MHz	-31.56 dBm	-18.56 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.98 dBm	-17.98 dB

Date: 13.JUN.2025 15:11:31

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

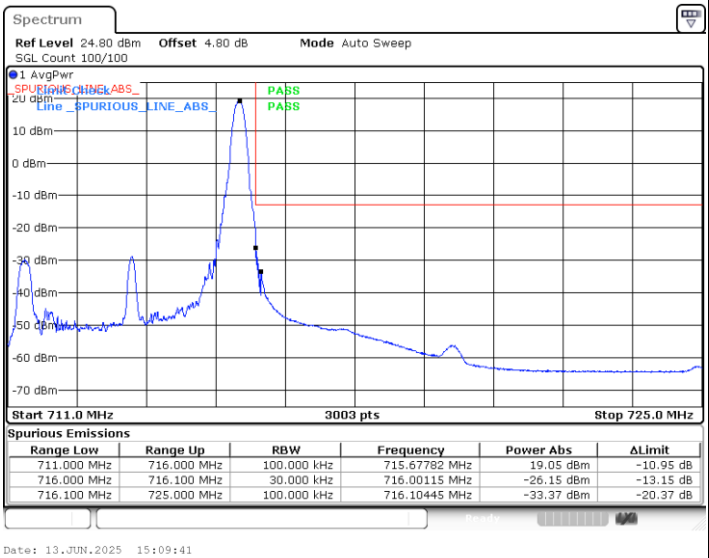


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.78 dBm	-18.78 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99715 MHz	-25.72 dBm	-12.72 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.37213 MHz	19.07 dBm	-10.93 dB

Date: 13.JUN.2025 15:01:09

Highest Band Edge / 1 RB

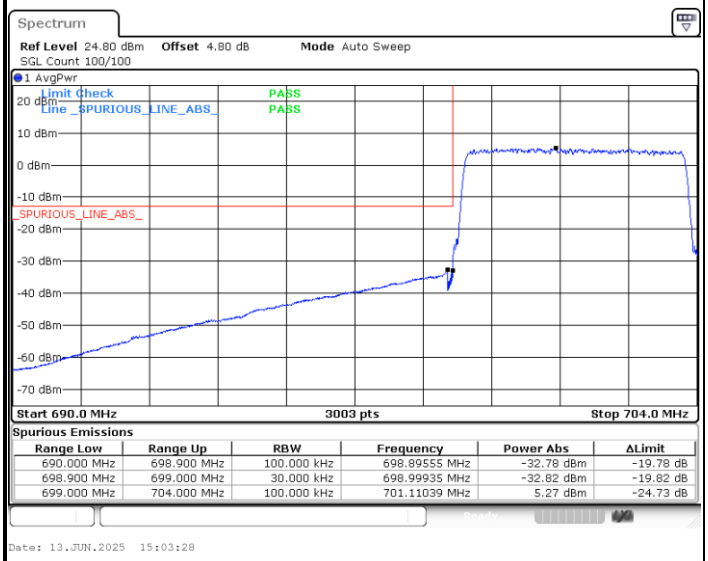


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67782 MHz	19.05 dBm	-10.95 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-26.15 dBm	-13.15 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.37 dBm	-20.37 dB

Date: 13.JUN.2025 15:09:41

Lowest Band Edge / Full RB

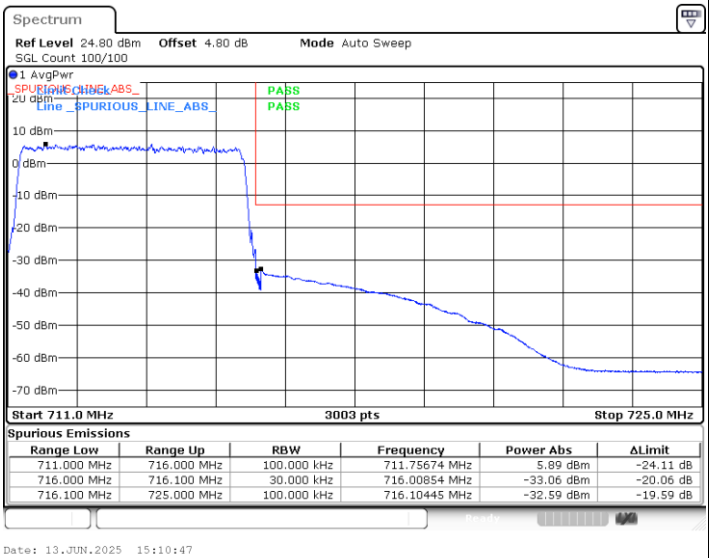


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.78 dBm	-19.78 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99935 MHz	-32.82 dBm	-19.82 dB
699.000 MHz	704.000 MHz	100.000 kHz	701.11039 MHz	5.27 dBm	-24.73 dB

Date: 13.JUN.2025 15:03:28

Highest Band Edge / Full RB



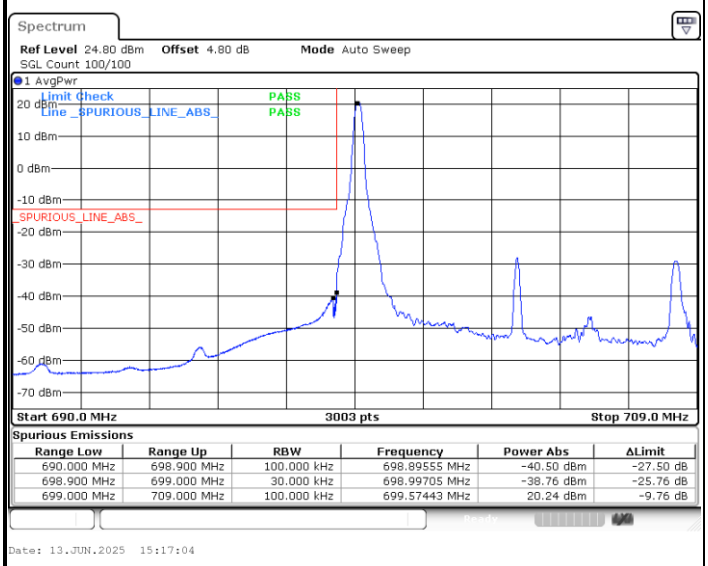
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.75674 MHz	5.89 dBm	-24.11 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00854 MHz	-33.06 dBm	-20.06 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.59 dBm	-19.59 dB

Date: 13.JUN.2025 15:10:47

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

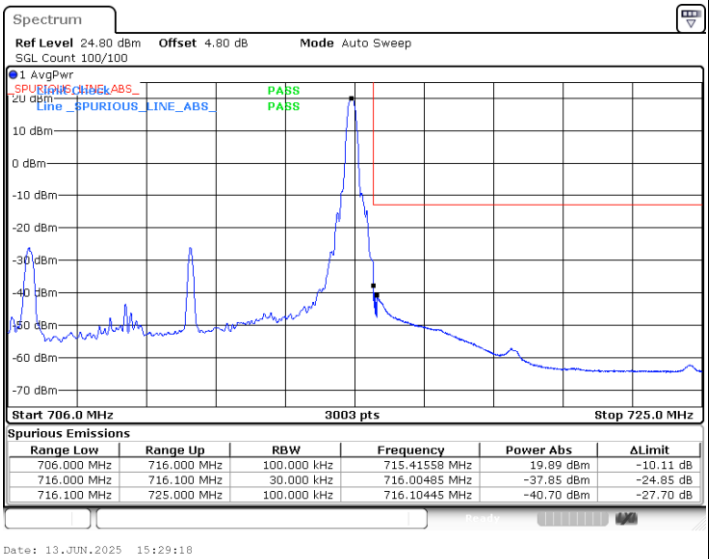


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-40.50 dBm	-27.50 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99705 MHz	-38.76 dBm	-25.76 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.57443 MHz	20.24 dBm	-9.76 dB

Date: 13.JUN.2025 15:17:04

Highest Band Edge / 1 RB

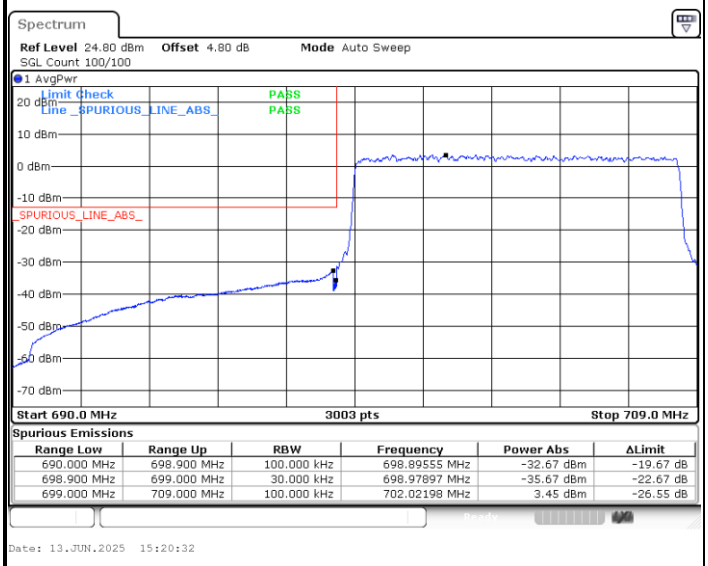


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	19.89 dBm	-10.11 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00485 MHz	-37.85 dBm	-24.85 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.70 dBm	-27.70 dB

Date: 13.JUN.2025 15:29:18

Lowest Band Edge / Full RB

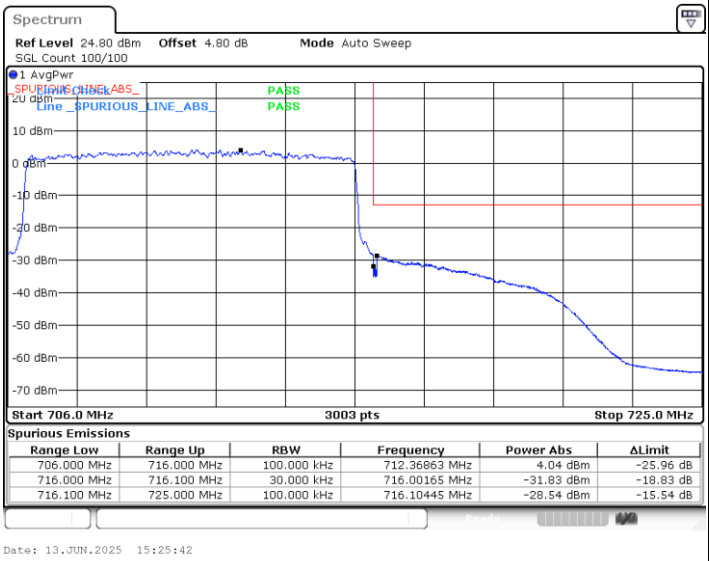


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.67 dBm	-19.67 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.97897 MHz	-35.67 dBm	-22.67 dB
699.000 MHz	709.000 MHz	100.000 kHz	702.02198 MHz	3.45 dBm	-26.55 dB

Date: 13.JUN.2025 15:20:32

Highest Band Edge / Full RB



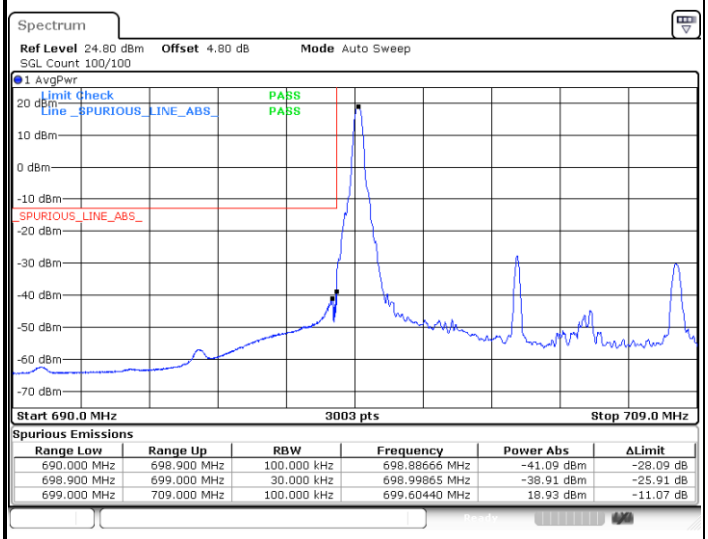
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	712.36863 MHz	4.04 dBm	-25.96 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00165 MHz	-31.83 dBm	-18.83 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.54 dBm	-15.54 dB

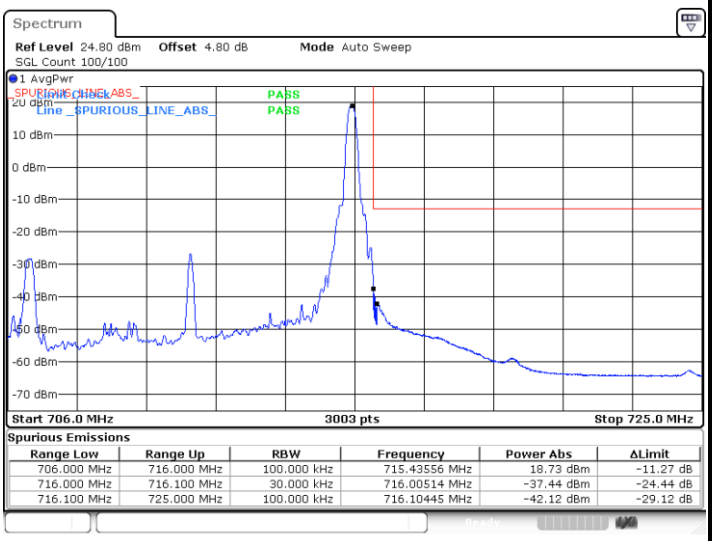
Date: 13.JUN.2025 15:25:42

LTE Band 12 / 10MHz / 16QAM

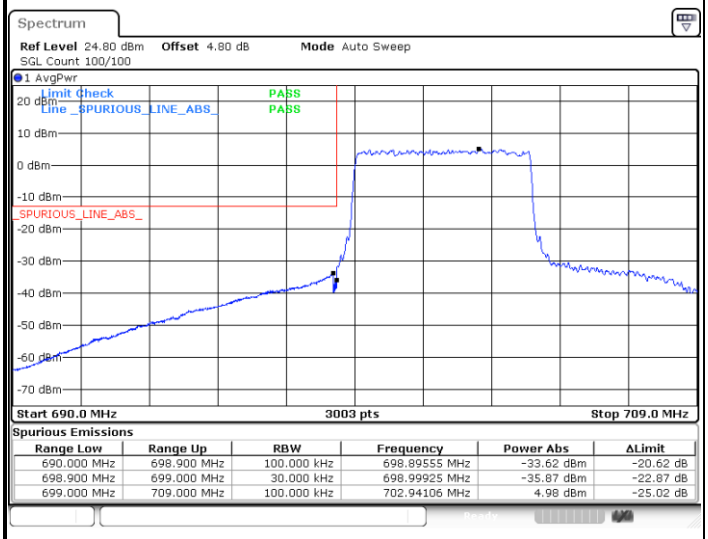
Lowest Band Edge / 1 RB



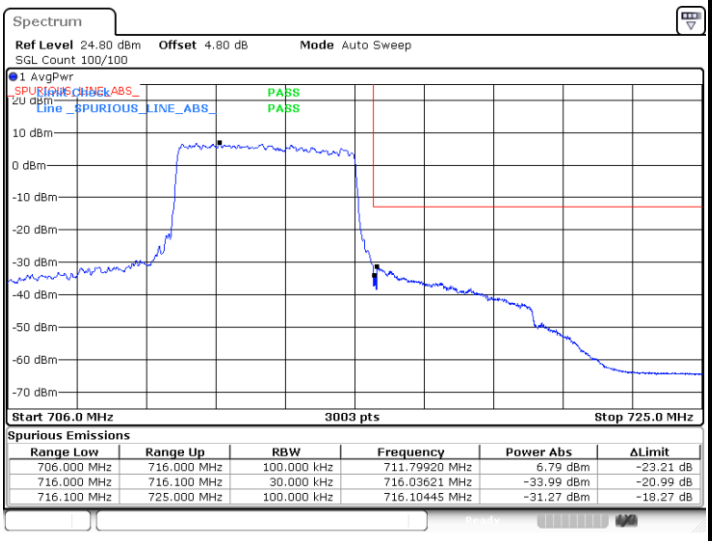
Highest Band Edge / 1 RB



Lowest Band Edge /27 RB



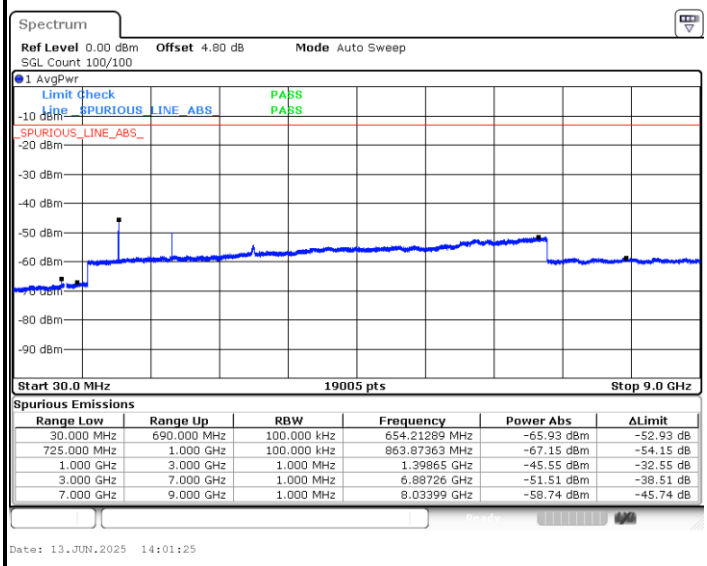
Highest Band Edge / 27 RB23



Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.21289 MHz	-65.93 dBm	-52.93 dB
725.000 MHz	1.000 GHz	100.000 kHz	863.87363 MHz	-67.15 dBm	-54.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.55 dBm	-32.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88726 GHz	-51.51 dBm	-38.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.03399 GHz	-58.74 dBm	-45.74 dB

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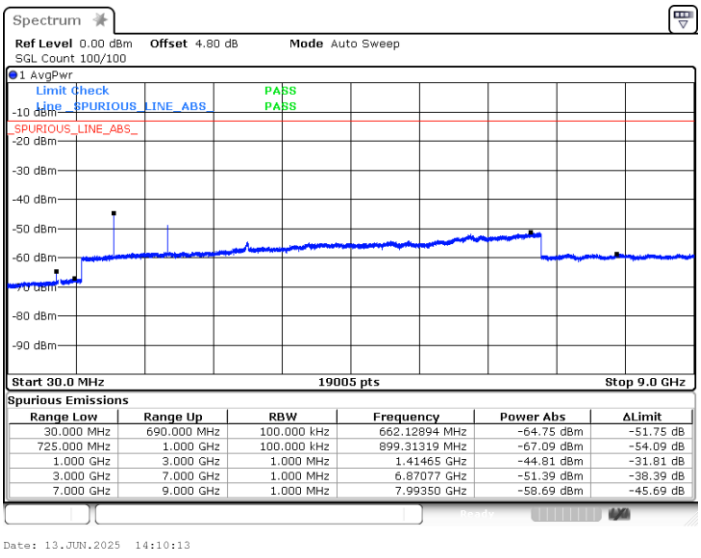
Middle Channel / QPSK

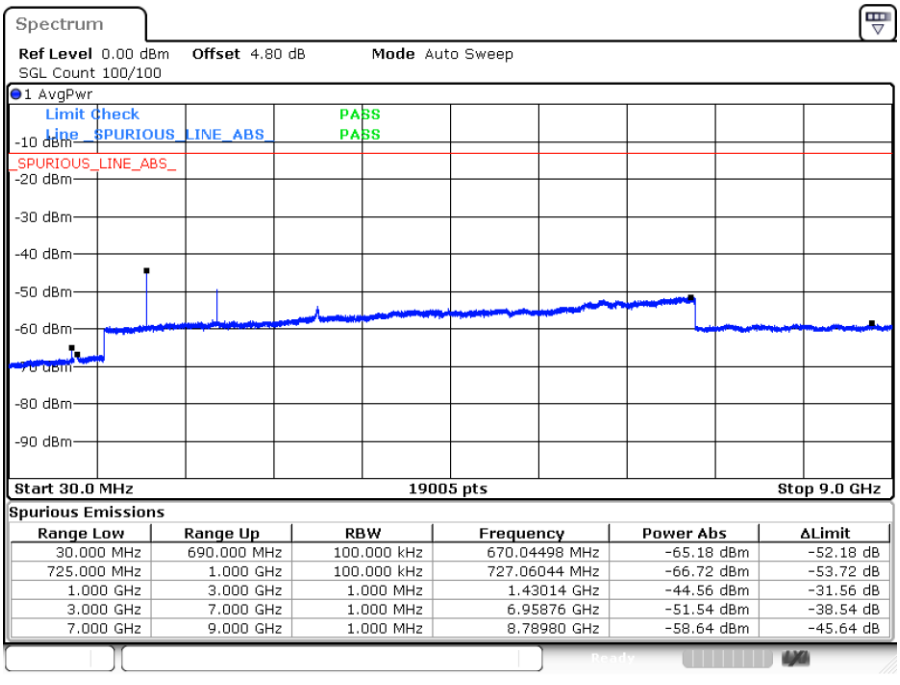


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.12894 MHz	-64.75 dBm	-51.75 dB
725.000 MHz	1.000 GHz	100.000 kHz	899.31319 MHz	-67.09 dBm	-54.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-44.81 dBm	-31.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87077 GHz	-51.39 dBm	-38.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99350 GHz	-58.69 dBm	-45.69 dB

Date: 13.JUN.2025 14:10:13

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	670.04498 MHz	-65.18 dBm	-52.18 dB
725.000 MHz	1.000 GHz	100.000 kHz	727.06044 MHz	-66.72 dBm	-53.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-44.56 dBm	-31.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95876 GHz	-51.54 dBm	-38.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.78980 GHz	-58.64 dBm	-45.64 dB

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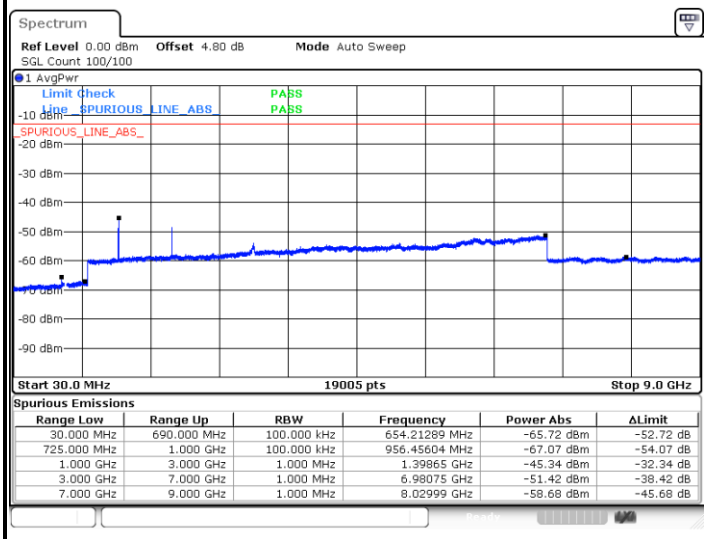
LTE Band 12 / 3MHz

Lowest Channel / QPSK

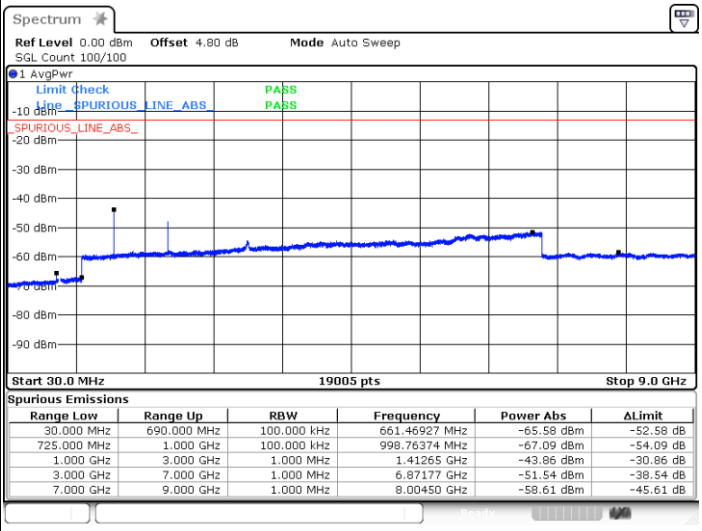


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.21289 MHz	-65.72 dBm	-52.72 dB
725.000 MHz	1.000 GHz	100.000 kHz	956.45604 MHz	-67.07 dBm	-54.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.34 dBm	-32.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-51.42 dBm	-38.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.02999 GHz	-58.68 dBm	-45.68 dB

Date: 13.JUN.2025 14:35:49

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.46927 MHz	-65.58 dBm	-52.58 dB
725.000 MHz	1.000 GHz	100.000 kHz	998.76374 MHz	-67.09 dBm	-54.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-43.86 dBm	-30.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87177 GHz	-51.54 dBm	-38.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00450 GHz	-58.61 dBm	-45.61 dB

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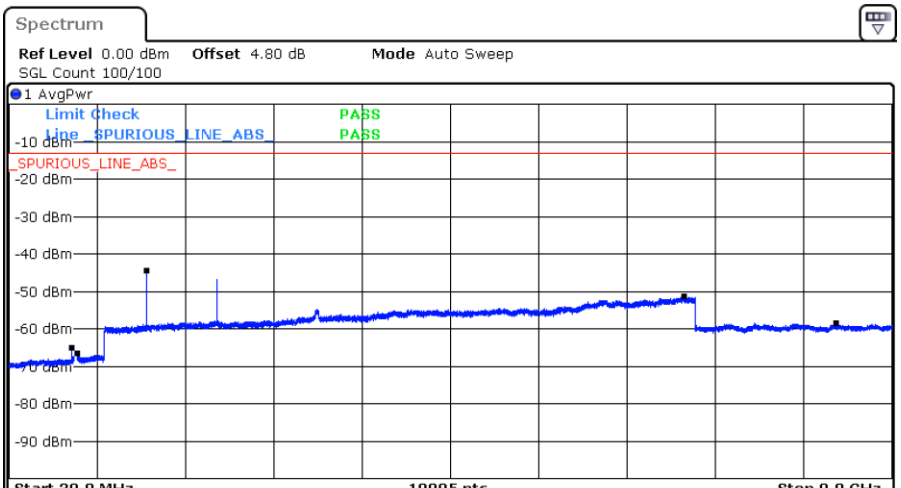
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	668.39580 MHz	-65.10 dBm	-52.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	725.13736 MHz	-66.53 dBm	-53.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-44.44 dBm	-31.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88526 GHz	-51.48 dBm	-38.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.43539 GHz	-58.61 dBm	-45.61 dB

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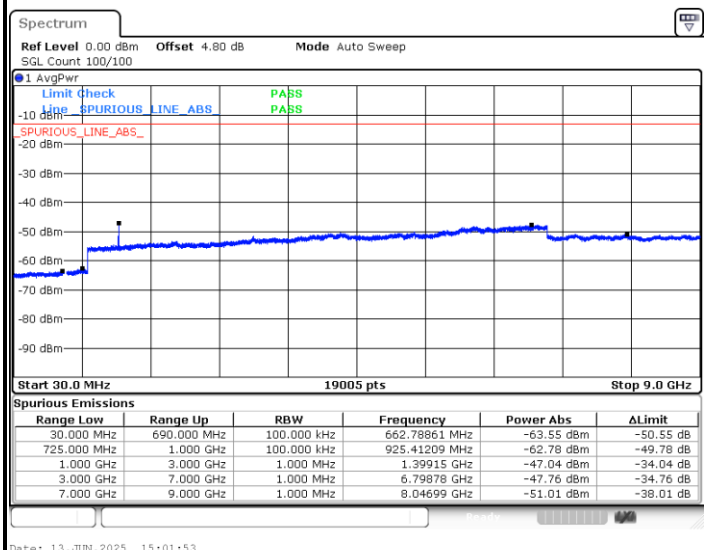
LTE Band 12 / 5MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	662.78861 MHz	-63.55 dBm	-50.55 dB
725.000 MHz	1.000 GHz	100.000 kHz	925.41209 MHz	-62.78 dBm	-49.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-47.04 dBm	-34.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79878 GHz	-47.76 dBm	-34.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.04699 GHz	-51.01 dBm	-38.01 dB

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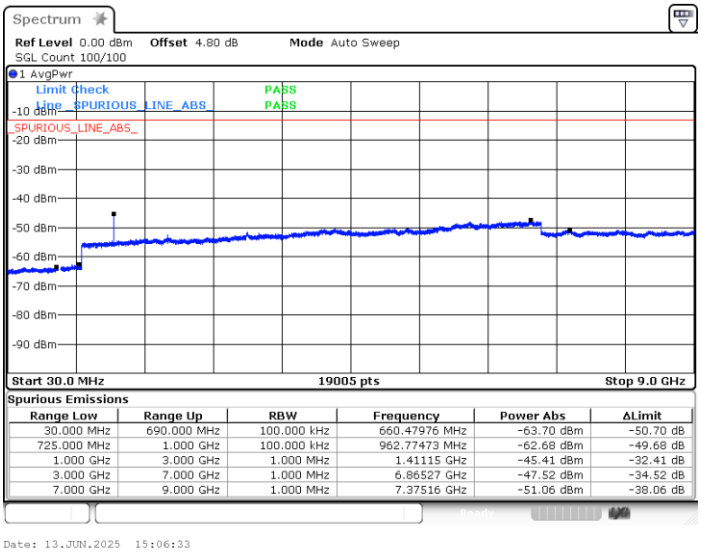
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	660.47976 MHz	-63.70 dBm	-50.70 dB
725.000 MHz	1.000 GHz	100.000 kHz	962.77473 MHz	-62.68 dBm	-49.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-45.41 dBm	-32.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86527 GHz	-47.52 dBm	-34.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37516 GHz	-51.06 dBm	-38.06 dB

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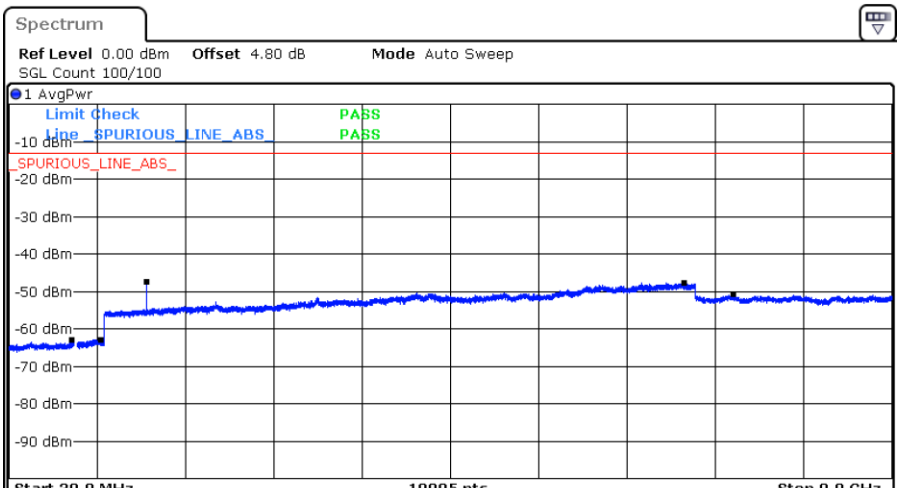
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	666.41679 MHz	-62.85 dBm	-49.85 dB
725.000 MHz	1.000 GHz	100.000 kHz	962.77473 MHz	-63.00 dBm	-50.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-47.32 dBm	-34.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88976 GHz	-47.82 dBm	-34.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38815 GHz	-50.87 dBm	-37.87 dB

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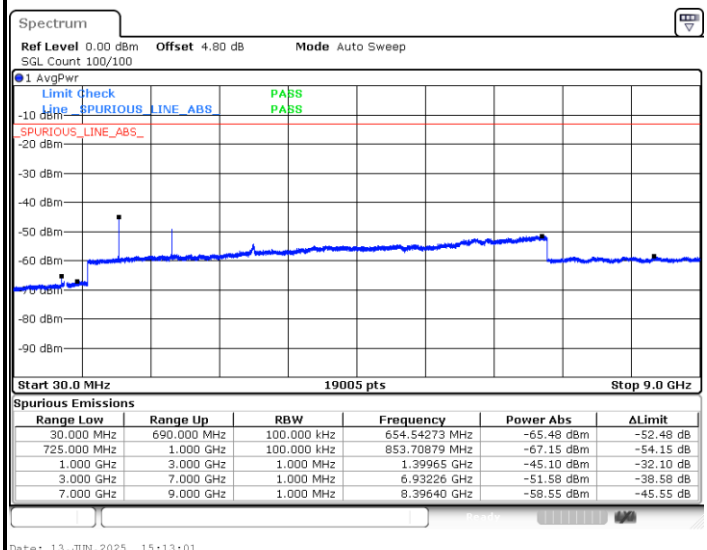
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	654.54273 MHz	-65.48 dBm	-52.48 dB
725.000 MHz	1.000 GHz	100.000 kHz	853.70879 MHz	-67.15 dBm	-54.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-45.10 dBm	-32.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93226 GHz	-51.58 dBm	-38.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.39640 GHz	-58.55 dBm	-45.55 dB

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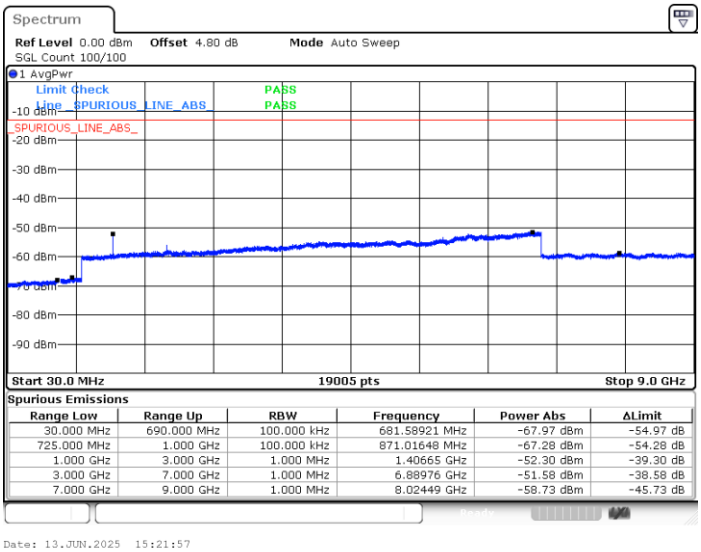
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	681.58921 MHz	-67.97 dBm	-54.97 dB
725.000 MHz	1.000 GHz	100.000 kHz	871.01648 MHz	-67.28 dBm	-54.28 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-52.30 dBm	-39.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88976 GHz	-51.58 dBm	-38.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.02449 GHz	-58.73 dBm	-45.73 dB

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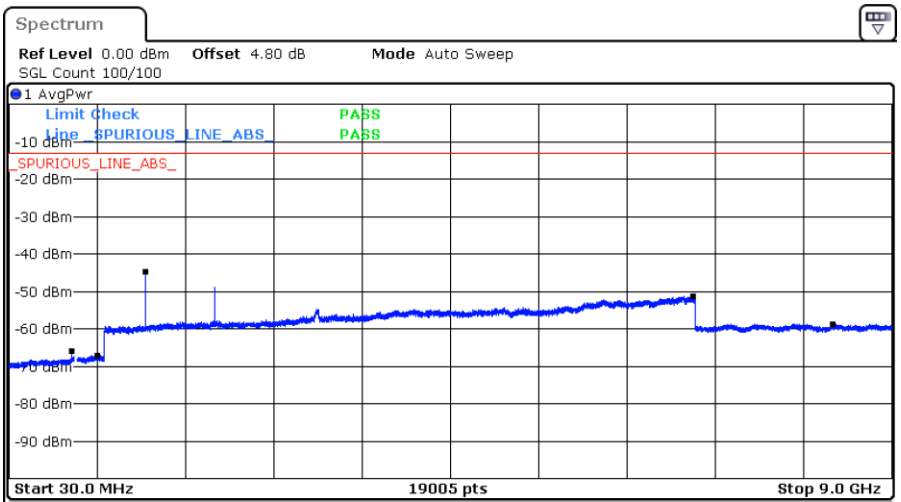
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.79910 MHz	-65.87 dBm	-52.87 dB
725.000 MHz	1.000 GHz	100.000 kHz	921.84066 MHz	-67.08 dBm	-54.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-44.65 dBm	-31.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97325 GHz	-51.40 dBm	-38.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.39840 GHz	-58.68 dBm	-45.68 dB

Date: 13.JUN.2025 15:31:38

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0025	
20	Normal Voltage	0.0014	

Note:

1. Normal Voltage = 3.8V
2. The low voltage and high voltage condition test result are leveraged from module RF report.
3. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris	Temperature :	21~25℃
		Relative Humidity :	51~53%

LTE Band 2 / 20MHz / QPSK								
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)
Lowest	3705	-49.69	-13	-36.69	-61.95	2.64	14.90	H
	5610	-54.22	-13	-41.22	-66.08	2.94	14.80	H
	7485	-51.23	-13	-38.23	-61.00	3.39	13.16	H
	3705	-44.42	-13	-31.42	-56.68	2.64	14.90	V
	5610	-54.58	-13	-41.58	-64.35	3.39	13.16	V
	7485	-51.17	-13	-38.17	-63.03	2.94	14.80	V
Middle	3735	-49.92	-13	-36.92	-62.18	2.64	14.90	H
	5610	-52.90	-13	-39.90	-64.76	2.94	14.80	H
	7485	-50.84	-13	-37.84	-60.61	3.39	13.16	H
	3735	-40.92	-13	-27.92	-53.18	2.64	14.90	V
	5610	-53.19	-13	-40.19	-62.96	3.39	13.16	V
	7485	-51.13	-13	-38.13	-62.99	2.94	14.80	V
Highest	3780	-46.17	-13	-33.17	-58.43	2.64	14.90	H
	5670	-52.11	-13	-39.11	-63.97	2.94	14.80	H
	7560	-51.23	-13	-38.23	-61.00	3.39	13.16	H
	3780	-44.30	-13	-31.30	-56.56	2.64	14.90	V
	5670	-53.92	-13	-40.92	-63.69	3.39	13.16	V
	7560	-51.09	-13	-38.09	-62.95	2.94	14.80	V

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

LTE Band 4 / 20MHz / QPSK								
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)
Lowest	3420	-49.46	-13	-36.46	-60.20	2.604	13.34	H
	5130	-53.46	-13	-40.46	-63.97	3.011	13.52	H
	6840	-53.73	-13	-40.73	-63.93	3.271	13.47	H
	3420	-47.03	-13	-34.03	-57.77	2.604	13.34	V
	5130	-53.48	-13	-40.48	-63.99	3.011	13.52	V
	6840	-53.61	-13	-40.61	-63.81	3.271	13.47	V
Middle	3450	-45.45	-13	-32.45	-56.19	2.604	13.34	H
	5175	-53.54	-13	-40.54	-64.05	3.011	13.52	H
	6900	-52.84	-13	-39.84	-63.04	3.271	13.47	H
	3450	-41.39	-13	-28.39	-52.13	2.604	13.34	V
	5175	-52.35	-13	-39.35	-62.86	3.011	13.52	V
	6900	-53.38	-13	-40.38	-63.58	3.271	13.47	V
Highest	3465	-43.00	-13	-30.00	-53.74	2.604	13.34	H
	5205	-52.32	-13	-39.32	-62.83	3.011	13.52	H
	6945	-52.96	-13	-39.96	-63.16	3.271	13.47	H
	3465	-40.67	-13	-27.67	-51.41	2.604	13.34	V
	5205	-51.94	-13	-38.94	-62.45	3.011	13.52	V
	6945	-52.87	-13	-39.87	-63.07	3.271	13.47	V

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

LTE Band 12 / 10MHz / QPSK								
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)
Lowest	1400	-58.94	-13	-45.94	-65.91	1.58	10.70	H
	2096	-59.05	-13	-46.05	-67.30	2.102	12.50	H
	2800	-58.31	-13	-45.31	-67.20	2.856	13.90	H
	1400	-63.09	-13	-50.09	-70.06	1.58	10.70	V
	2096	-58.20	-13	-45.20	-66.45	2.10	12.50	V
	2800	-57.65	-13	-44.65	-66.54	2.86	13.90	V
Middle	1408	-56.95	-13	-43.95	-63.92	1.58	10.70	H
	2112	-56.87	-13	-43.87	-65.12	2.102	12.50	H
	2808	-57.71	-13	-44.71	-66.60	2.856	13.90	H
	1408	-61.17	-13	-48.17	-68.14	1.58	10.70	V
	2112	-53.71	-13	-40.71	-61.96	2.10	12.50	V
	2808	-56.97	-13	-43.97	-65.86	2.86	13.90	V
Highest	1416	-49.76	-13	-36.76	-56.73	1.58	10.70	H
	2120	-53.25	-13	-40.25	-61.50	2.102	12.50	H
	2824	-58.71	-13	-45.71	-67.60	2.856	13.90	H
	1416	-57.84	-13	-44.84	-64.81	1.58	10.70	V
	2120	-51.29	-13	-38.29	-59.54	2.10	12.50	V
	2826	-58.18	-13	-45.18	-67.07	2.86	13.90	V

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