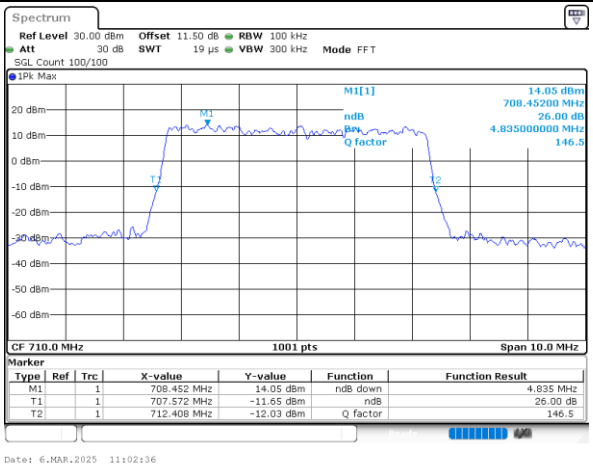
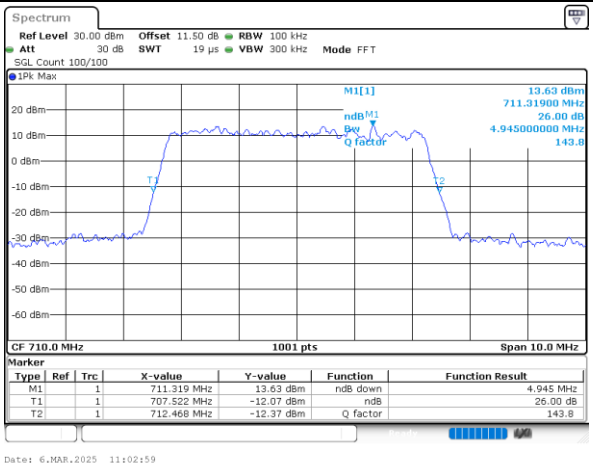
LTE Band 17

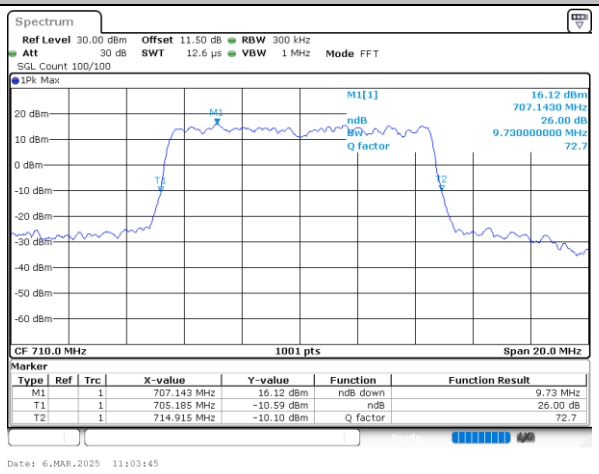
Middle Channel / 5MHz / QPSK



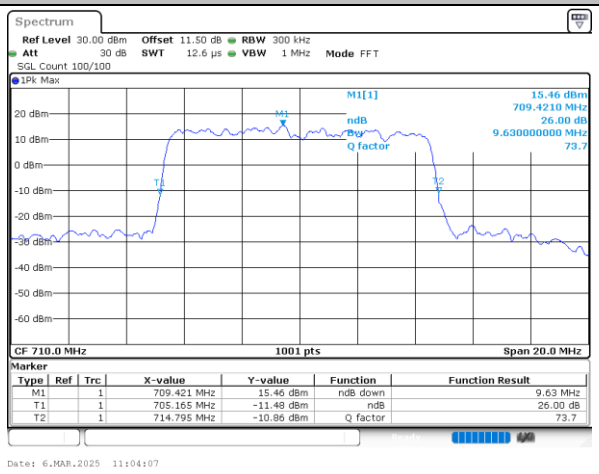
Middle Channel / 5MHz / 16QAM



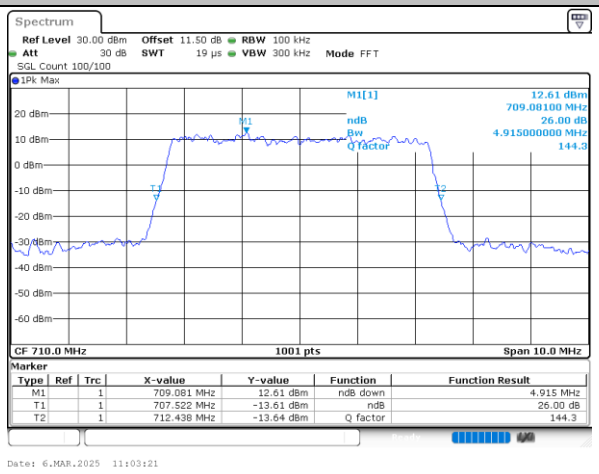
Middle Channel / 10MHz / QPSK



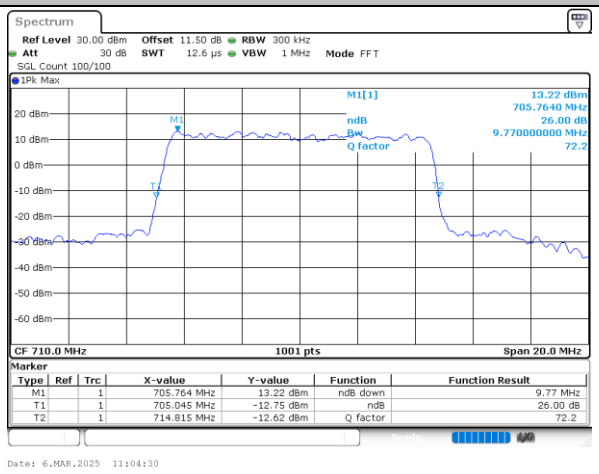
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM

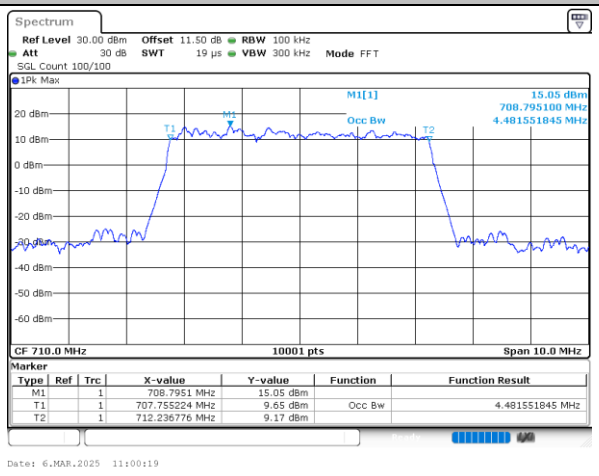


Occupied Bandwidth

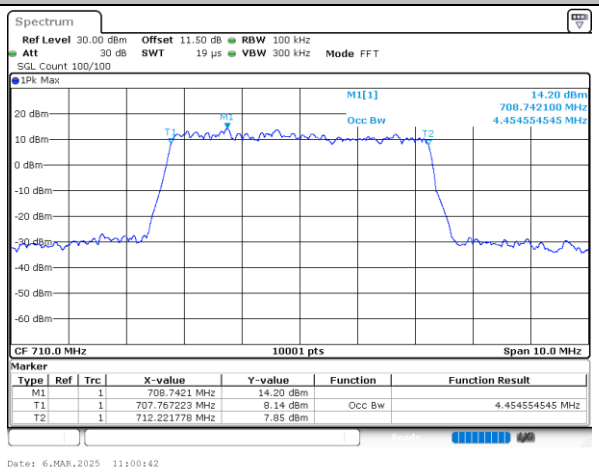
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.48	4.45	9.01	9.01	-	-	-	-
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.49	-	8.94	-	-	-	-	-

LTE Band 17

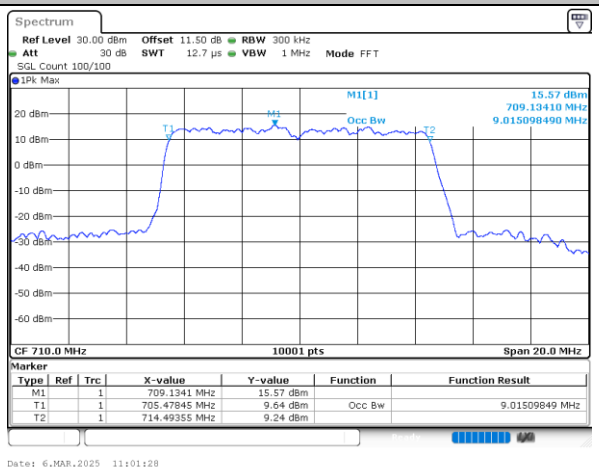
Middle Channel / 5MHz / QPSK



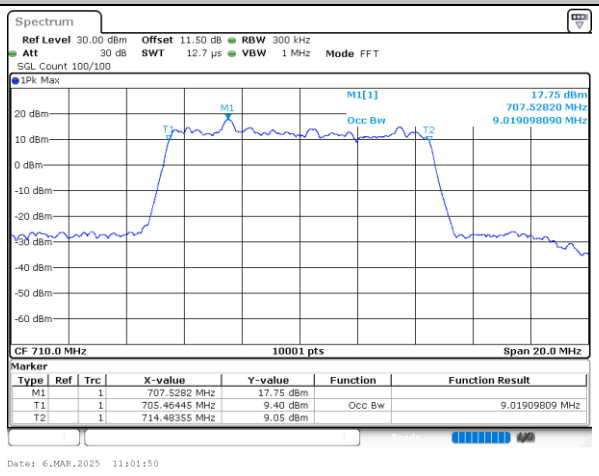
Middle Channel / 5MHz / 16QAM



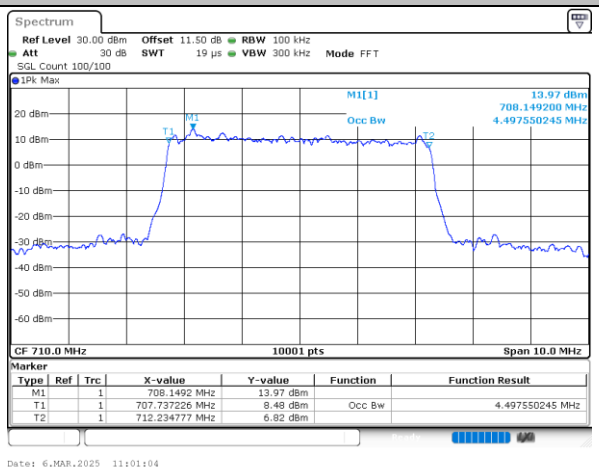
Middle Channel / 10MHz / QPSK



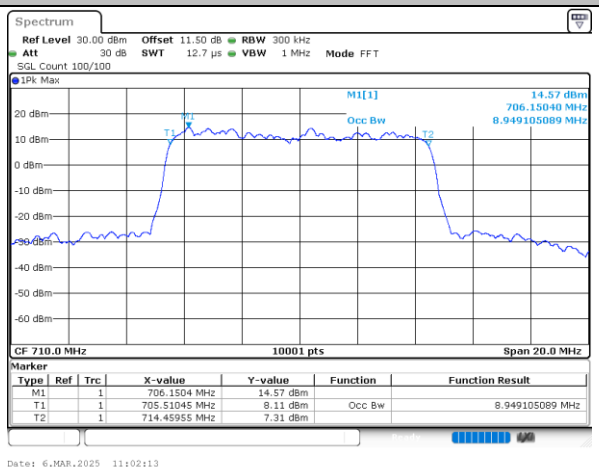
Middle Channel / 10MHz / 16QAM



Middle Channel / 5MHz / 64QAM



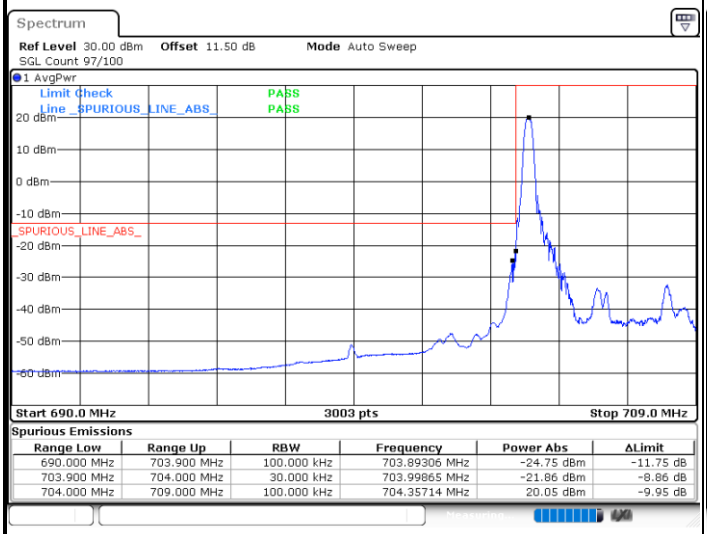
Middle Channel / 10MHz / 64QAM



Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB

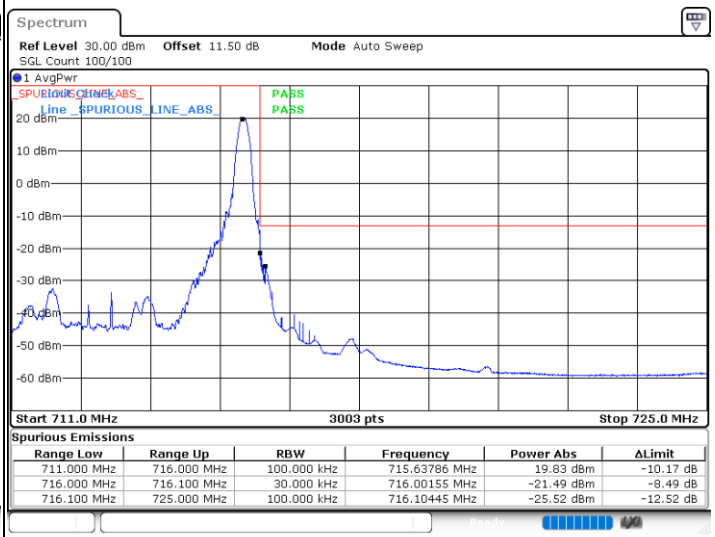


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-24.75 dBm	-11.75 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99865 MHz	-21.86 dBm	-8.86 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.35714 MHz	20.05 dBm	-9.95 dB

Date: 6.MAR.2025 10:38:43

Highest Band Edge / 1 RB

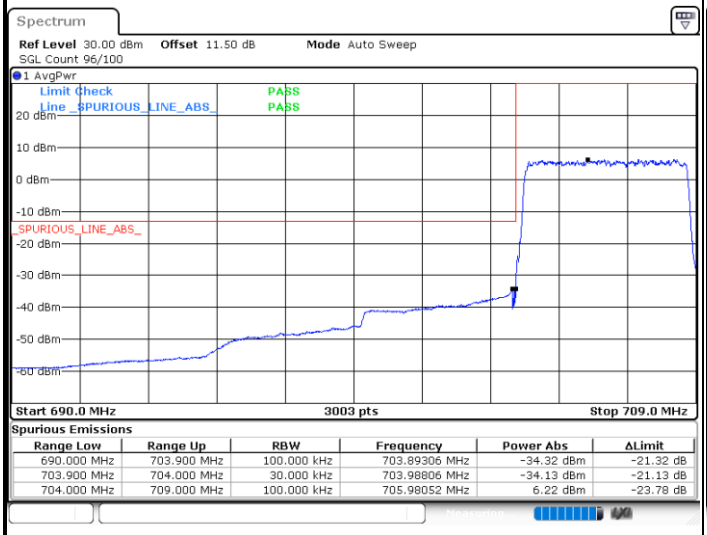


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.63786 MHz	19.83 dBm	-10.17 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00155 MHz	-21.49 dBm	-8.49 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.52 dBm	-12.52 dB

Date: 6.MAR.2025 10:43:58

Lowest Band Edge / Full RB

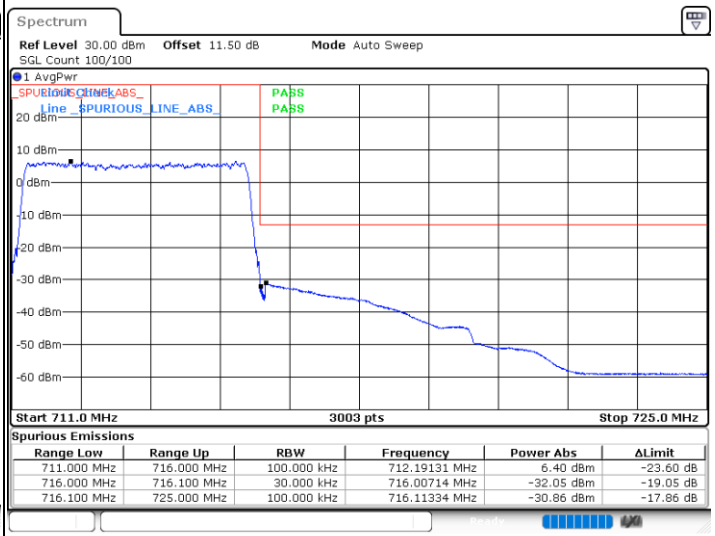


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-34.32 dBm	-21.32 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98806 MHz	-34.13 dBm	-21.13 dB
704.000 MHz	709.000 MHz	100.000 kHz	705.98052 MHz	6.22 dBm	-23.78 dB

Date: 6.MAR.2025 10:41:20

Highest Band Edge / Full RB



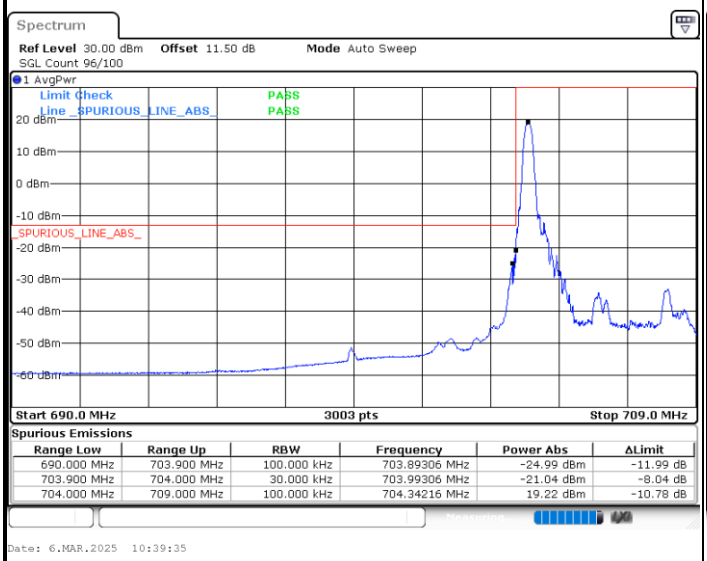
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.19131 MHz	6.40 dBm	-23.60 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00714 MHz	-32.05 dBm	-19.05 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-30.86 dBm	-17.86 dB

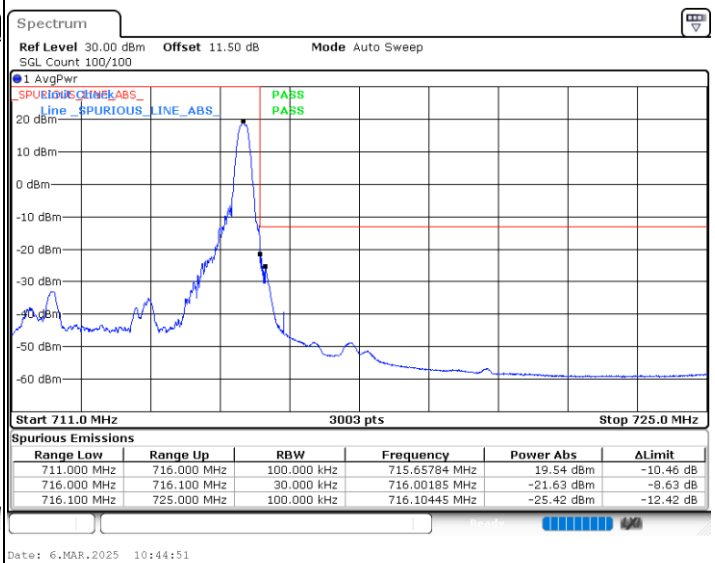
Date: 6.MAR.2025 10:46:36

LTE Band 17 / 5MHz / 16QAM

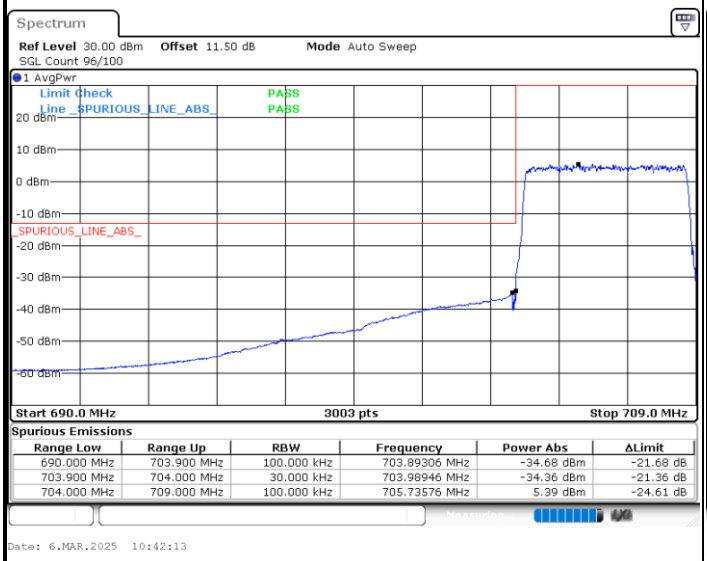
Lowest Band Edge / 1 RB



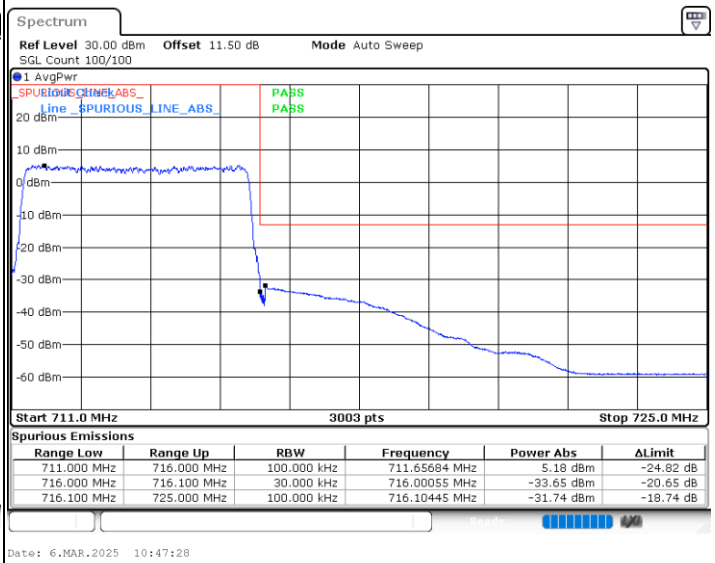
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

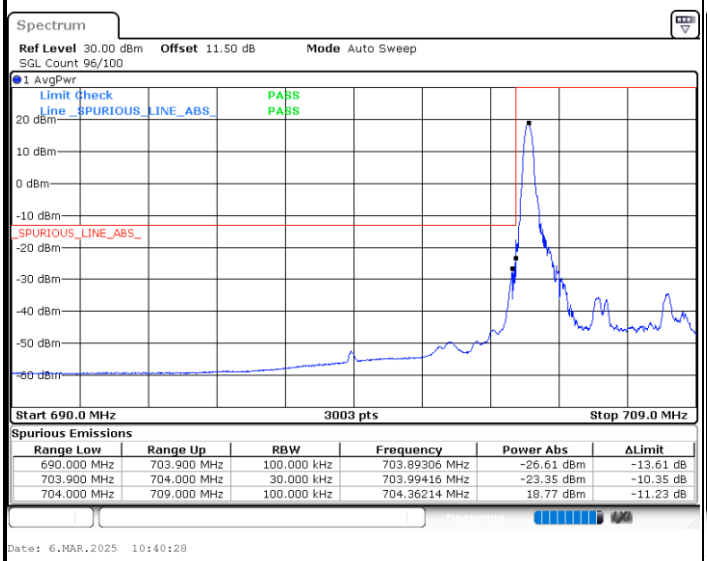


Highest Band Edge / Full RB



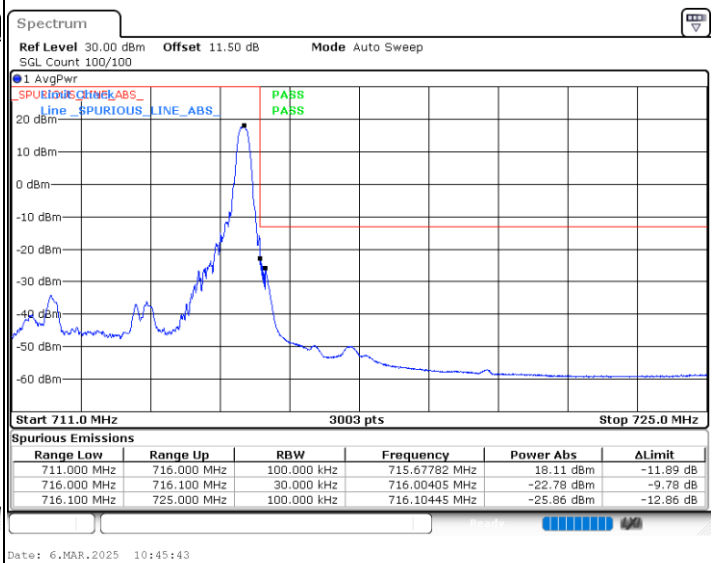
LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



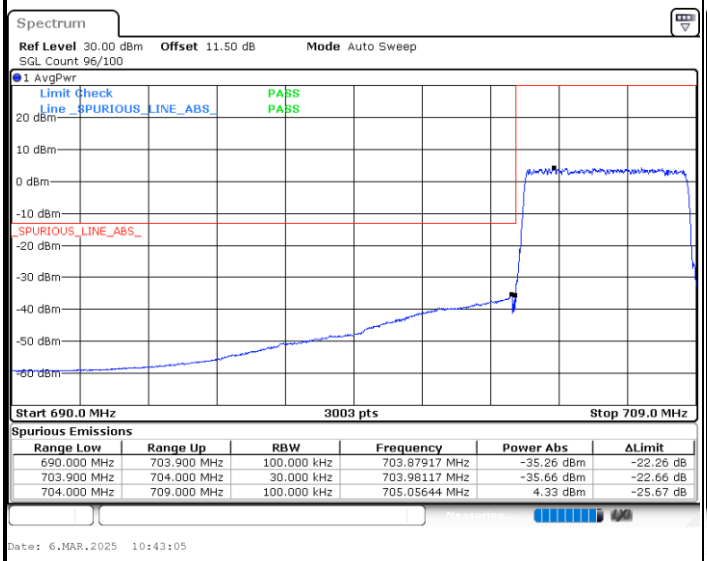
Date: 6.MAR.2025 10:40:28

Highest Band Edge / 1 RB



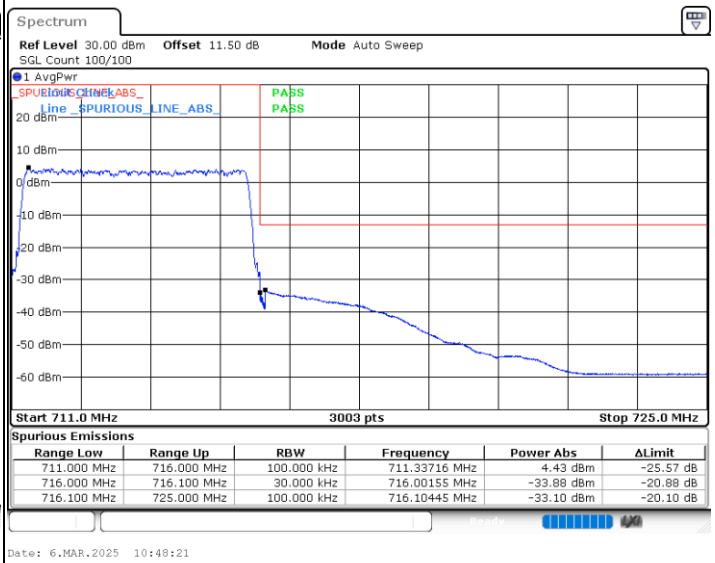
Date: 6.MAR.2025 10:45:43

Lowest Band Edge / Full RB



Date: 6.MAR.2025 10:43:05

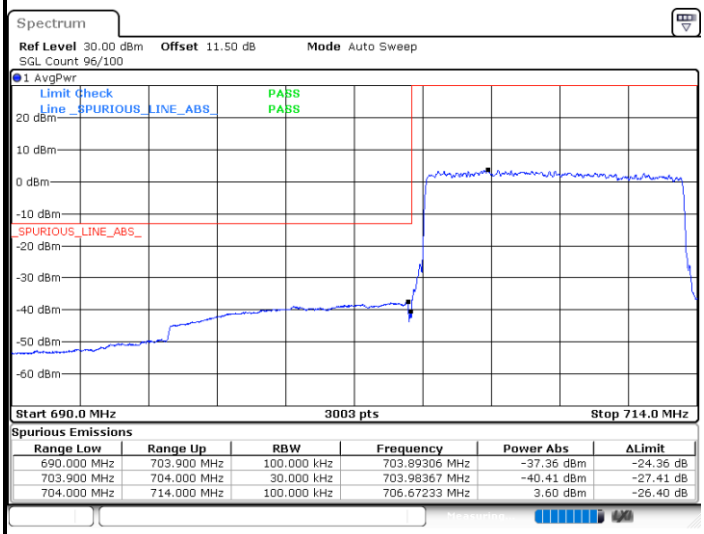
Highest Band Edge / Full RB



Date: 6.MAR.2025 10:48:21

LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / Full RB

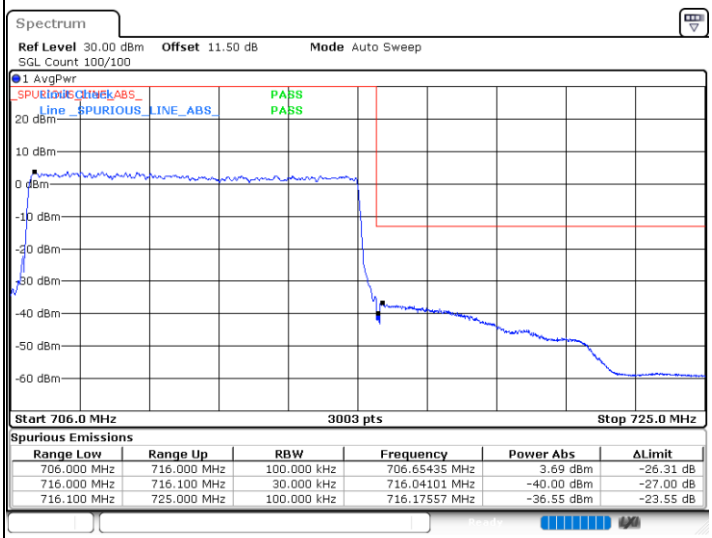


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-37.36 dBm	-24.36 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98367 MHz	-40.41 dBm	-27.41 dB
704.000 MHz	714.000 MHz	100.000 kHz	706.67233 MHz	3.60 dBm	-26.40 dB

Date: 6.MAR.2025 10:49:14

Highest Band Edge / Full RB



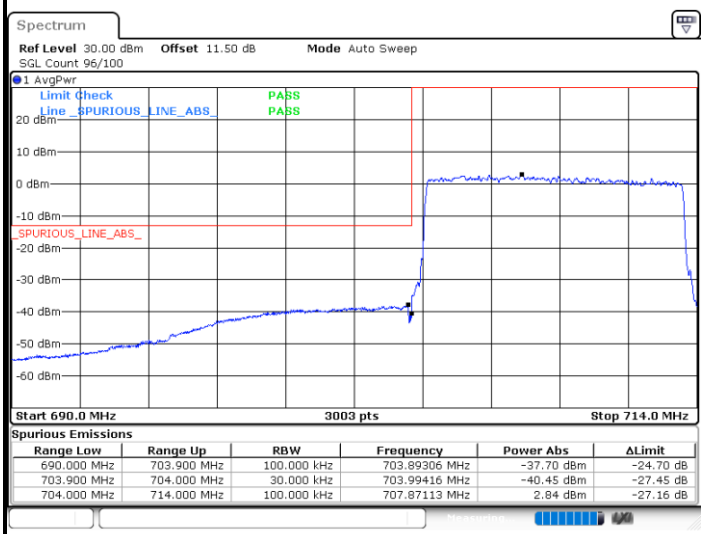
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	706.65435 MHz	3.69 dBm	-26.31 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.04101 MHz	-40.00 dBm	-27.00 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.17557 MHz	-36.55 dBm	-23.55 dB

Date: 6.MAR.2025 10:51:52

LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / Full RB

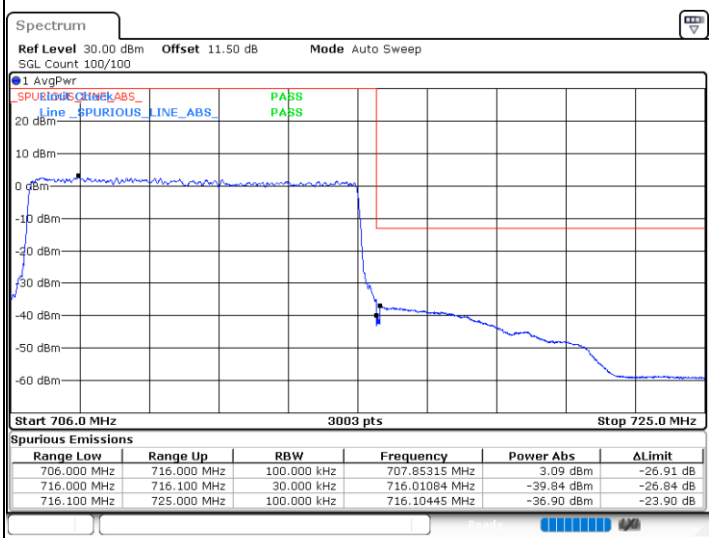


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-37.70 dBm	-24.70 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99416 MHz	-40.45 dBm	-27.45 dB
704.000 MHz	714.000 MHz	100.000 kHz	707.87113 MHz	2.84 dBm	-27.16 dB

Date: 6.MAR.2025 10:50:07

Highest Band Edge / Full RB

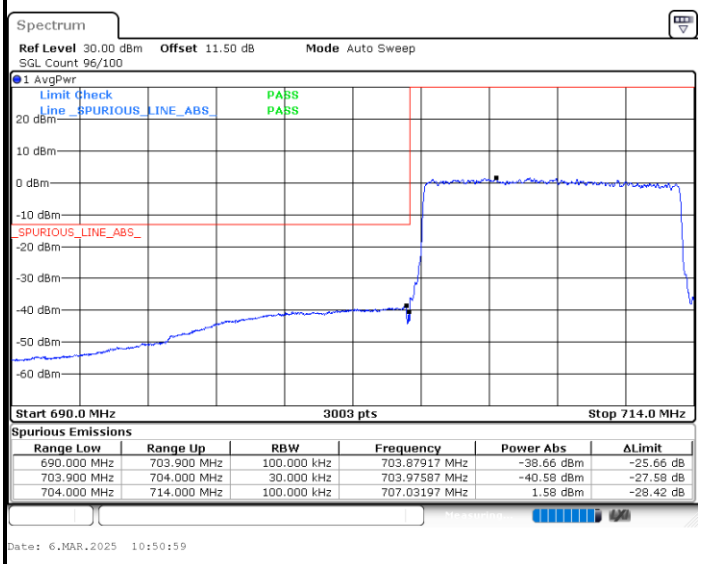


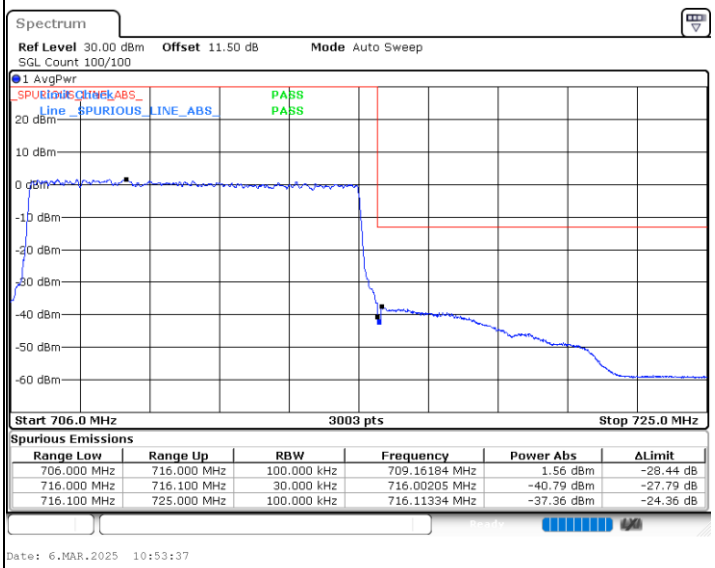
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.85315 MHz	3.09 dBm	-26.91 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01084 MHz	-39.84 dBm	-26.84 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.90 dBm	-23.90 dB

Date: 6.MAR.2025 10:52:44

LTE Band 17 / 10MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

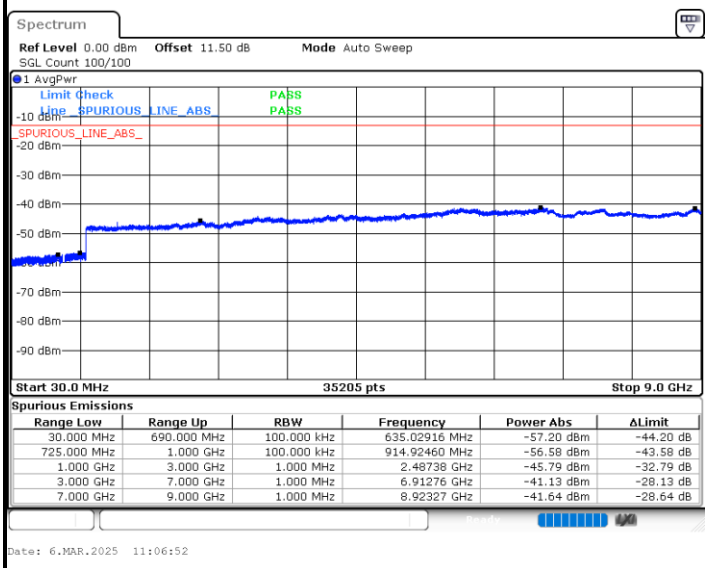




Conducted Spurious Emission

LTE Band 17 / 5MHz

Lowest Channel / QPSK

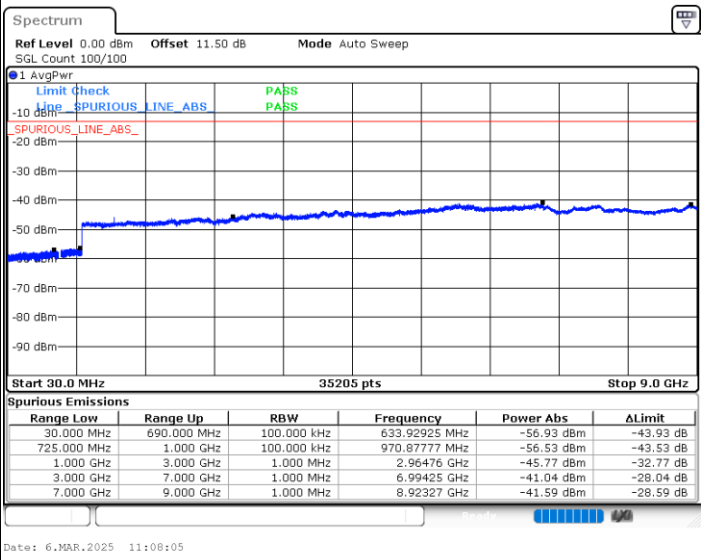


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	635.02916 MHz	-57.20 dBm	-44.20 dB
725.000 MHz	1.000 GHz	100.000 kHz	914.92460 MHz	-56.58 dBm	-43.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48738 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91276 GHz	-41.13 dBm	-28.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92327 GHz	-41.64 dBm	-28.64 dB

Date: 6.MAR.2025 11:06:52

Middle Channel / QPSK

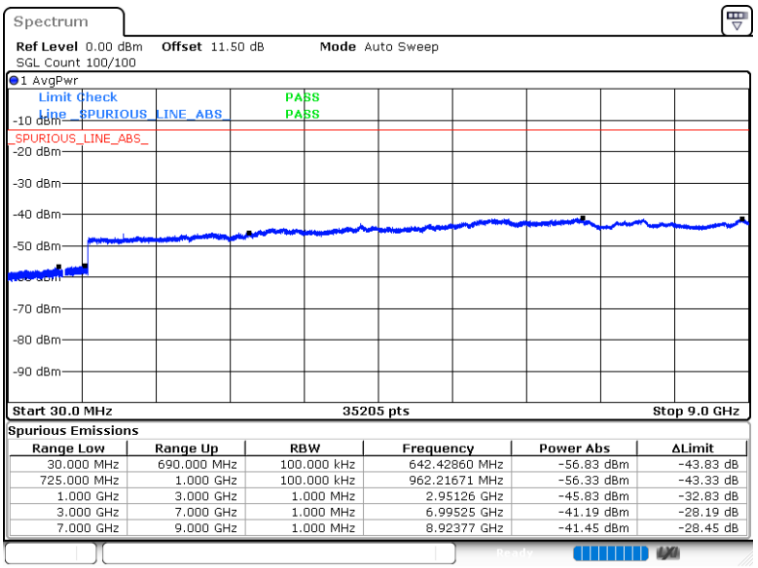


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	633.92925 MHz	-56.93 dBm	-43.93 dB
725.000 MHz	1.000 GHz	100.000 kHz	970.87777 MHz	-56.53 dBm	-43.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96476 GHz	-45.77 dBm	-32.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-41.04 dBm	-28.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92327 GHz	-41.59 dBm	-28.59 dB

Date: 6.MAR.2025 11:08:05

Highest Channel / QPSK



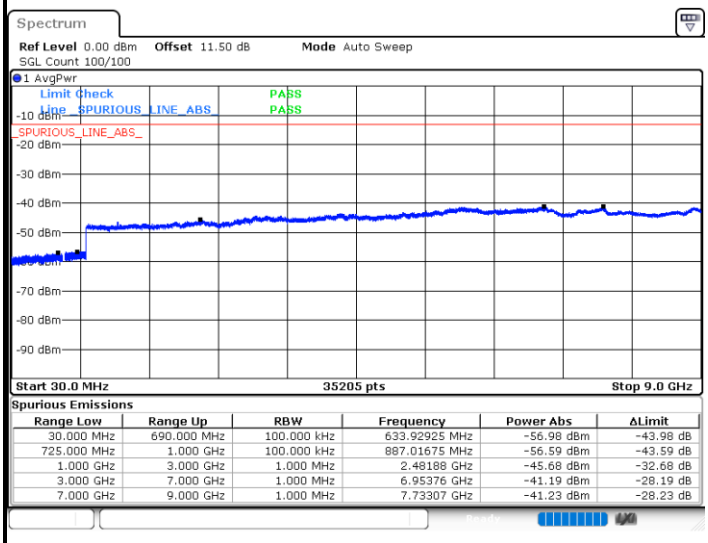
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	642.42860 MHz	-56.83 dBm	-43.83 dB
725.000 MHz	1.000 GHz	100.000 kHz	962.21671 MHz	-56.33 dBm	-43.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95126 GHz	-45.83 dBm	-32.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-41.19 dBm	-28.19 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92377 GHz	-41.45 dBm	-28.45 dB

Date: 6.MAR.2025 11:09:17

LTE Band 17 / 10MHz

Lowest Channel / QPSK

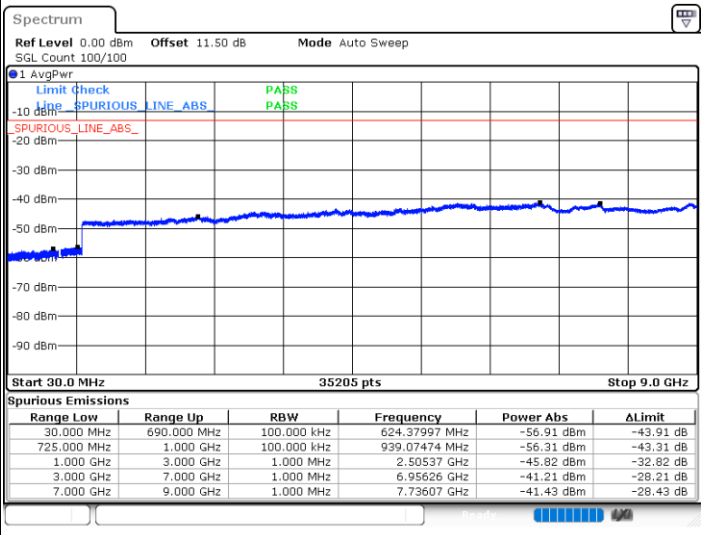


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	633.92925 MHz	-56.98 dBm	-43.98 dB
725.000 MHz	1.000 GHz	100.000 kHz	887.01675 MHz	-56.59 dBm	-43.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48188 GHz	-45.68 dBm	-32.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95376 GHz	-41.19 dBm	-28.19 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.73307 GHz	-41.23 dBm	-28.23 dB

Date: 6.MAR.2025 11:10:30

Middle Channel / QPSK

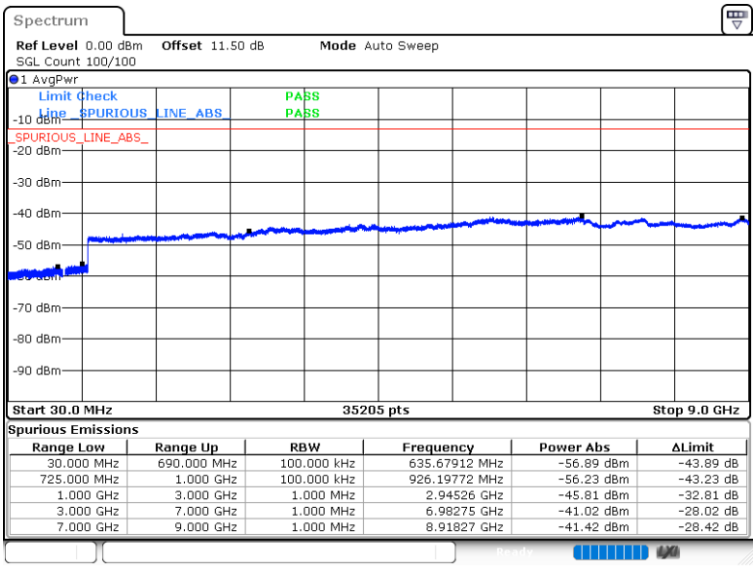


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	624.37997 MHz	-56.91 dBm	-43.91 dB
725.000 MHz	1.000 GHz	100.000 kHz	939.07474 MHz	-56.31 dBm	-43.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50537 GHz	-45.82 dBm	-32.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95626 GHz	-41.21 dBm	-28.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.73607 GHz	-41.43 dBm	-28.43 dB

Date: 6.MAR.2025 11:11:42

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	635.67912 MHz	-56.89 dBm	-43.89 dB
725.000 MHz	1.000 GHz	100.000 kHz	926.19772 MHz	-56.23 dBm	-43.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94526 GHz	-45.81 dBm	-32.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98275 GHz	-41.02 dBm	-28.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91827 GHz	-41.42 dBm	-28.42 dB

Date: 6.MAR.2025 11:12:54

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0046	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0197	
-30	Normal Voltage	0.0166	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0192	

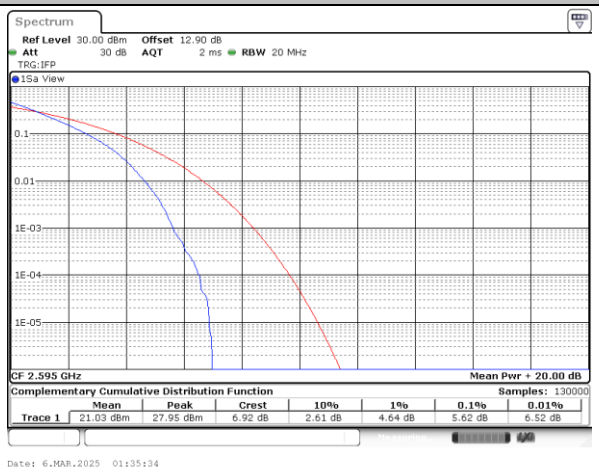
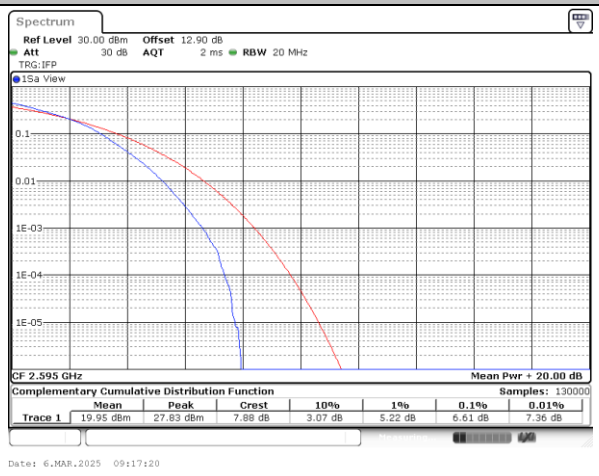
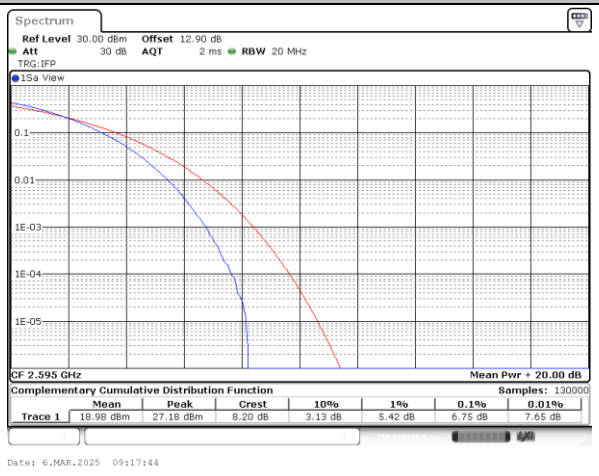
Note:

1. Normal Voltage = 3.87 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 38

Peak-to-Average Ratio

Mode	LTE Band 38 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.62	6.61	6.75	-	PASS

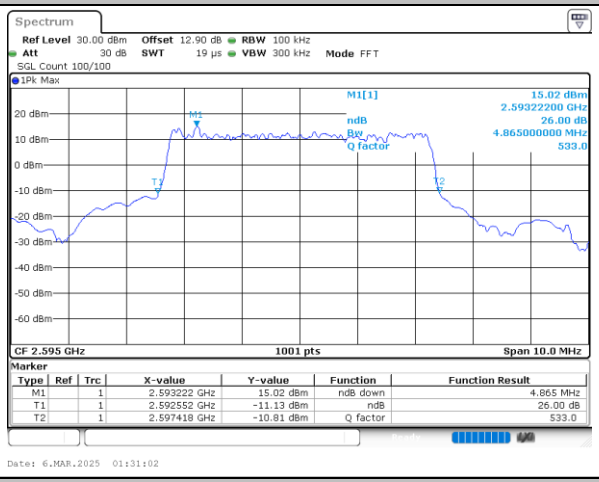
LTE Band 38 / 20MHz / QPSK	LTE Band 38 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 38 / 20MHz / 64QAM	
Middle Channel / Full RB	
	

26dB Bandwidth

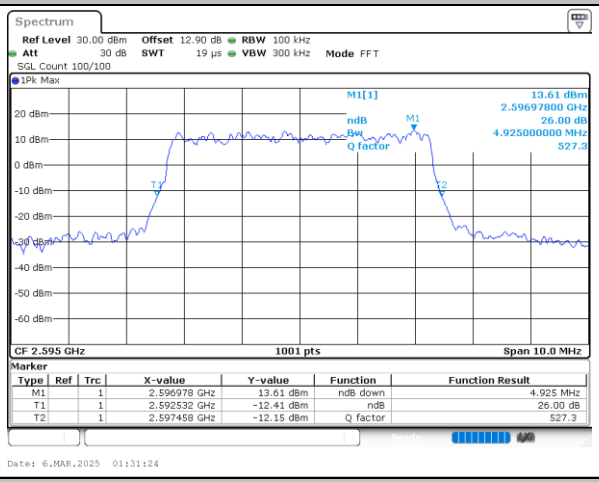
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.86	4.92	9.60	9.84	14.23	14.29	18.90	18.86
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.81	-	9.75	-	14.86	-	18.78	-

LTE Band 38

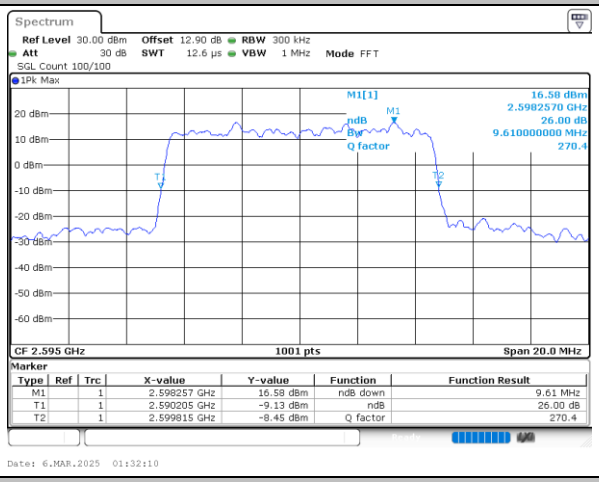
Middle Channel / 5MHz / QPSK



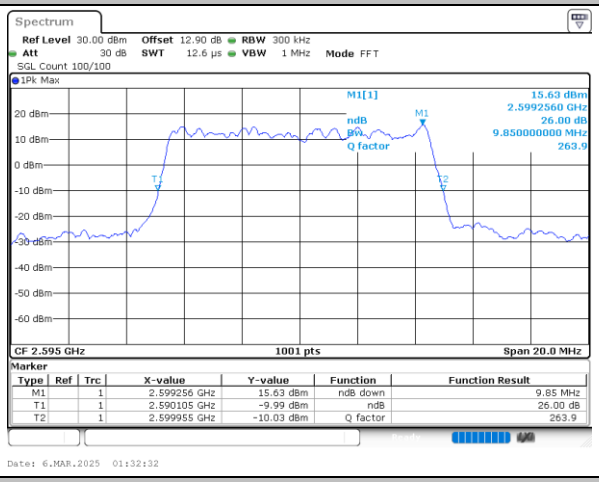
Middle Channel / 5MHz / 16QAM



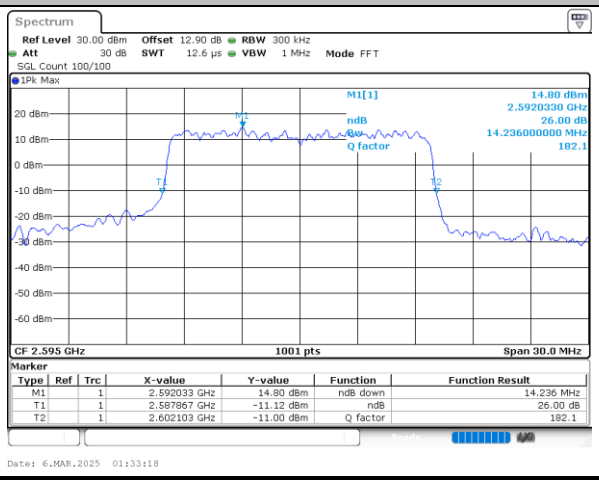
Middle Channel / 10MHz / QPSK



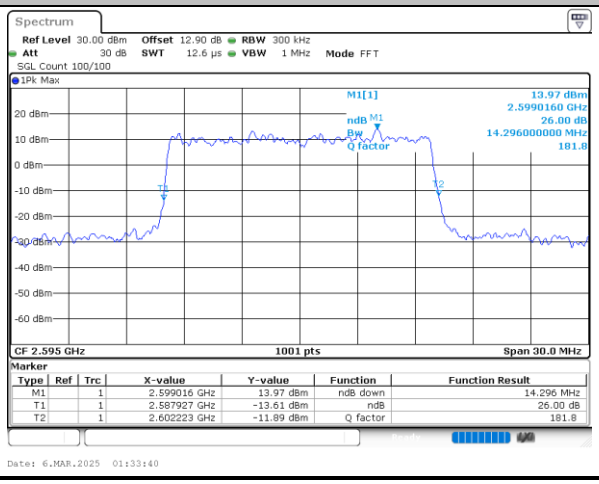
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

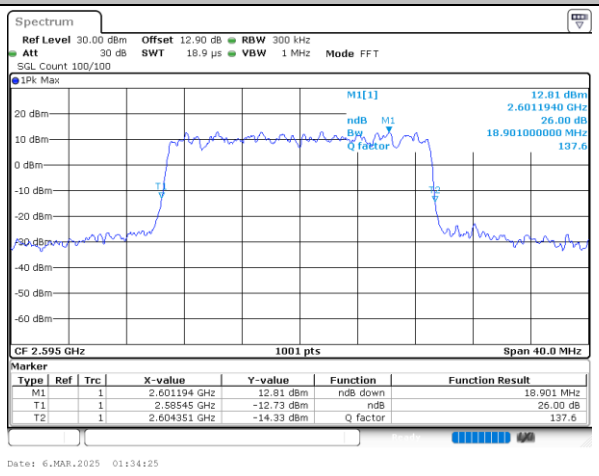


Middle Channel / 15MHz / 16QAM

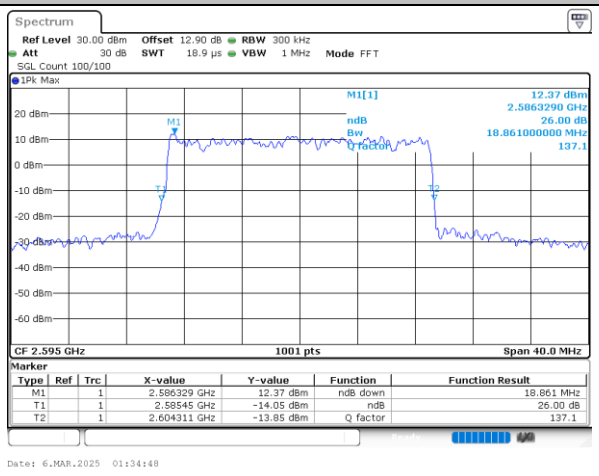


LTE Band 38

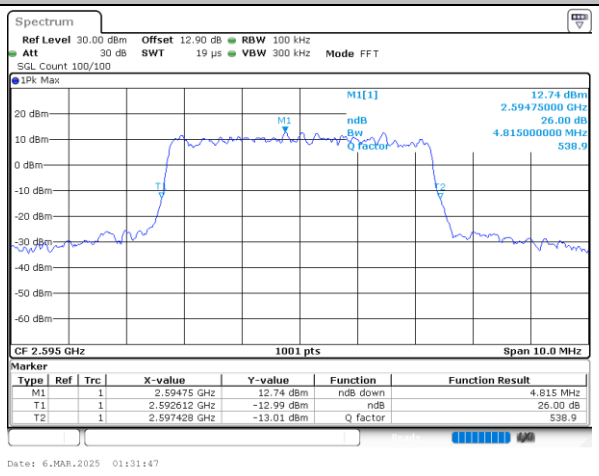
Middle Channel / 20MHz / QPSK



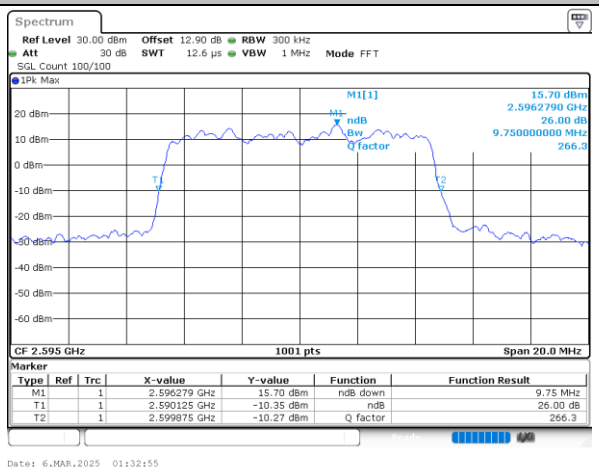
Middle Channel / 20MHz / 16QAM



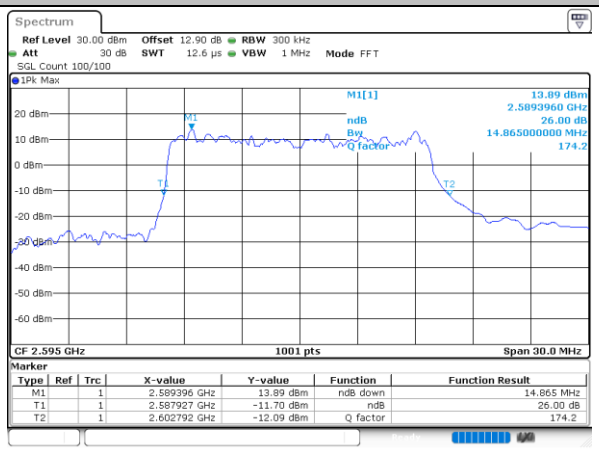
Middle Channel / 5MHz / 64QAM



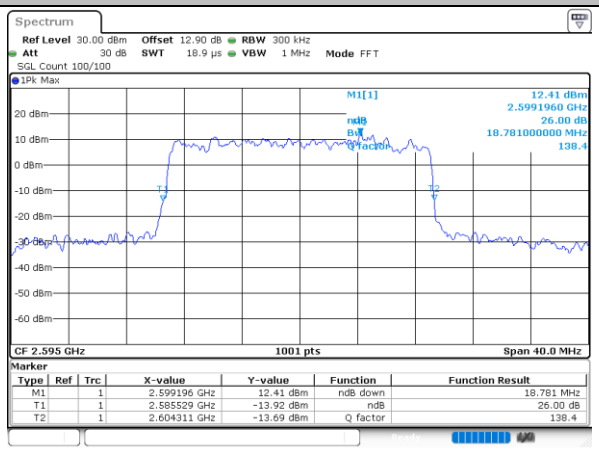
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

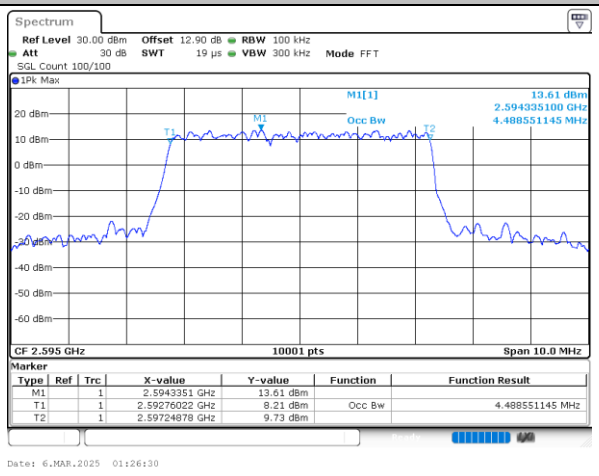


Occupied Bandwidth

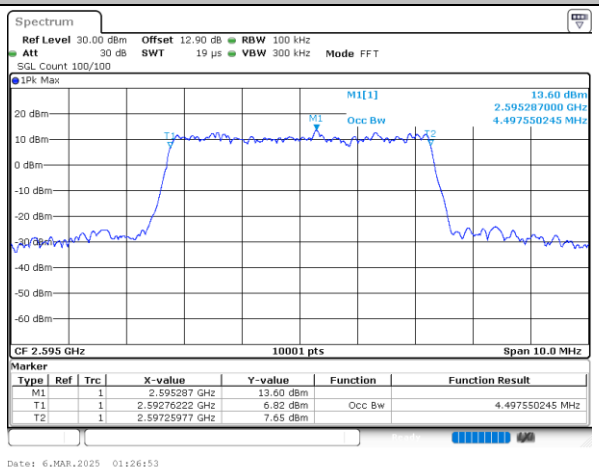
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.48	4.49	9.01	8.99	13.49	13.42	17.91	17.84
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.45	-	9.05	-	13.40	-	17.91	-

LTE Band 38

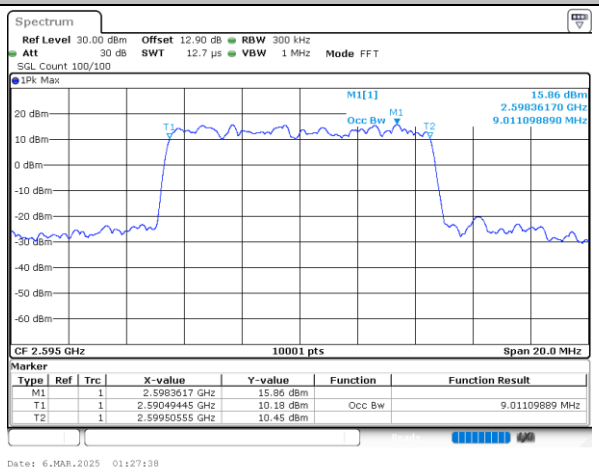
Middle Channel / 5MHz / QPSK



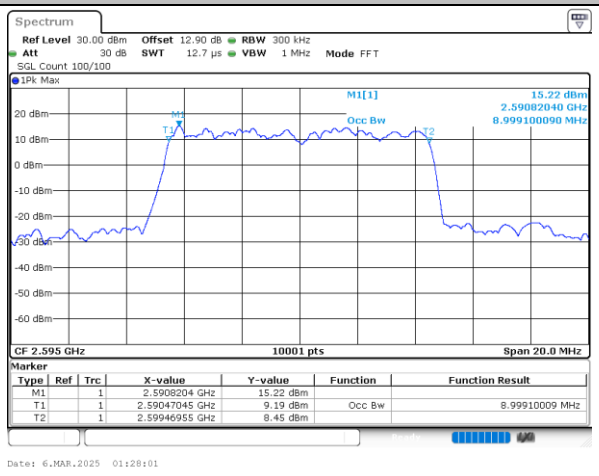
Middle Channel / 5MHz / 16QAM



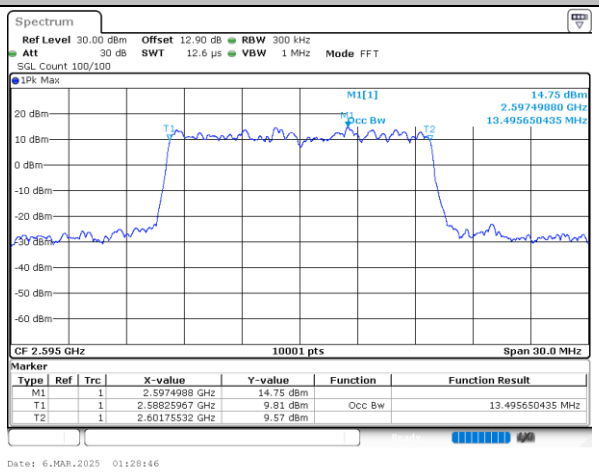
Middle Channel / 10MHz / QPSK



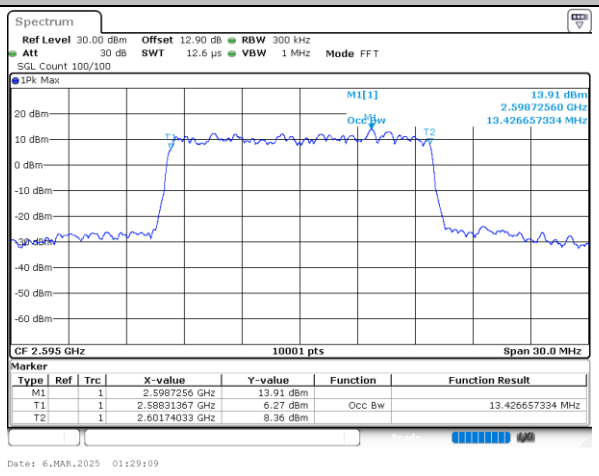
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

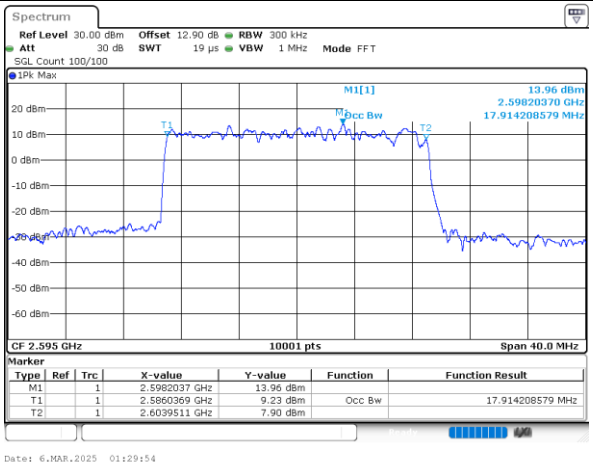


Middle Channel / 15MHz / 16QAM

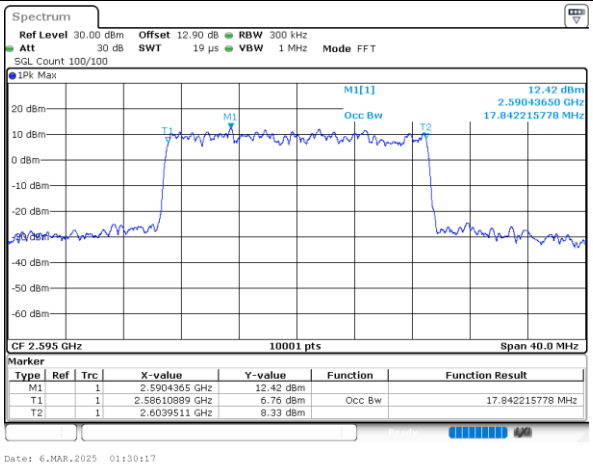


LTE Band 38

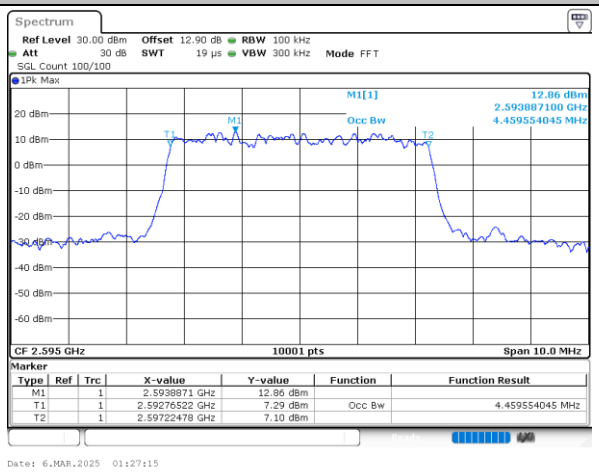
Middle Channel / 20MHz / QPSK



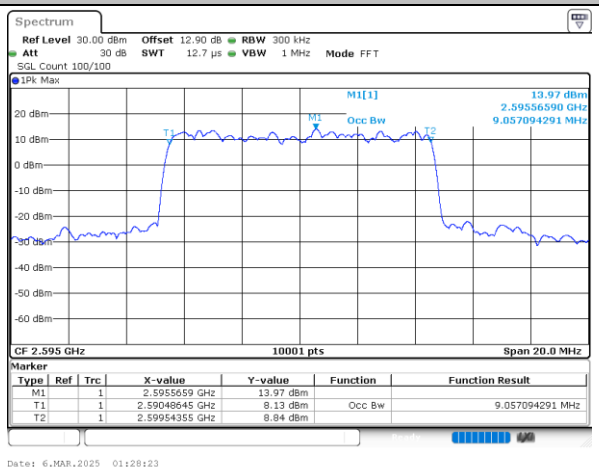
Middle Channel / 20MHz / 16QAM



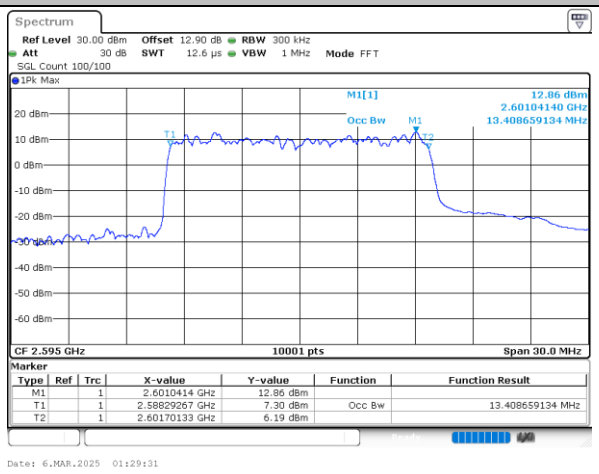
Middle Channel / 5MHz / 64QAM



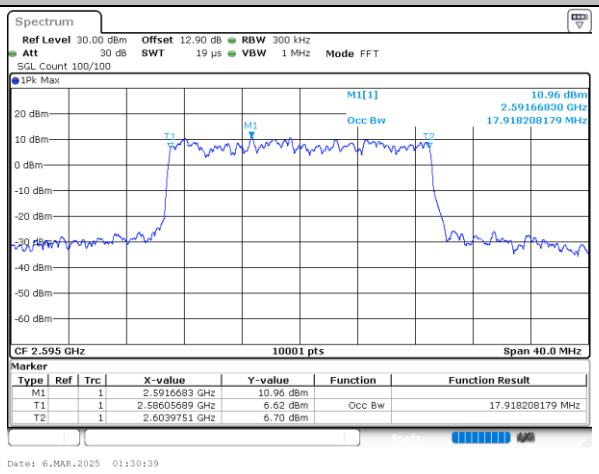
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



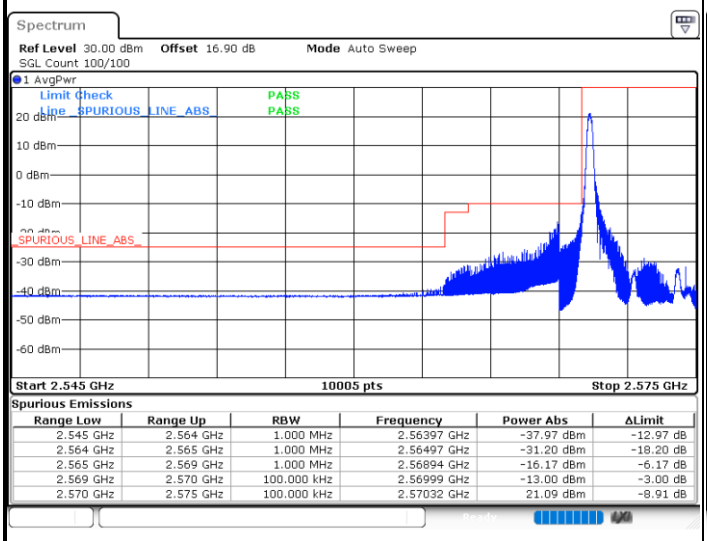
Middle Channel / 20MHz / 64QAM



Conducted Band Edge

LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB

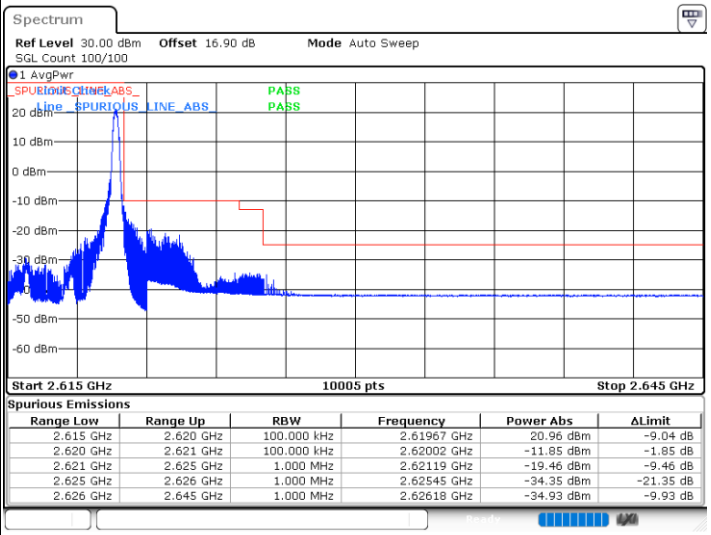


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56397 GHz	-37.97 dBm	-12.97 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56497 GHz	-31.20 dBm	-18.20 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56894 GHz	-16.17 dBm	-6.17 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.56999 GHz	-13.00 dBm	-3.00 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57032 GHz	21.09 dBm	-8.91 dB

Date: 6.MAR.2025 01:00:41

Highest Band Edge / 1 RB

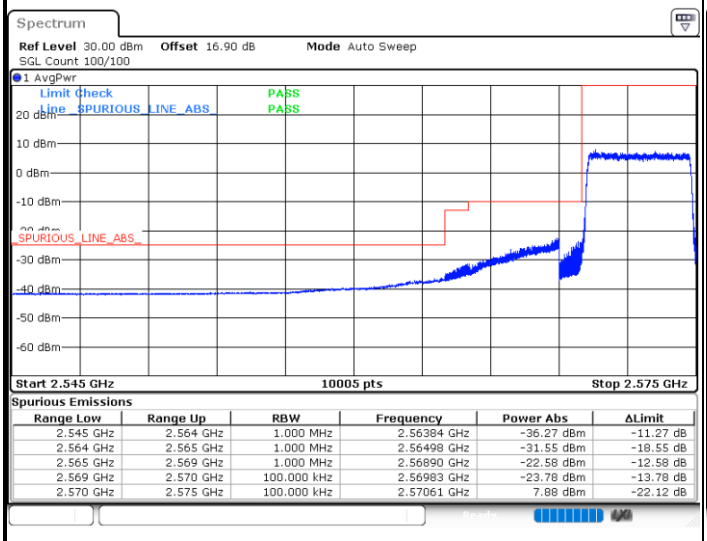


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61967 GHz	20.96 dBm	-9.04 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62002 GHz	-11.85 dBm	-1.85 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62119 GHz	-19.46 dBm	-9.46 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62545 GHz	-34.35 dBm	-21.35 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62618 GHz	-34.93 dBm	-9.93 dB

Date: 6.MAR.2025 01:08:34

Lowest Band Edge / Full RB

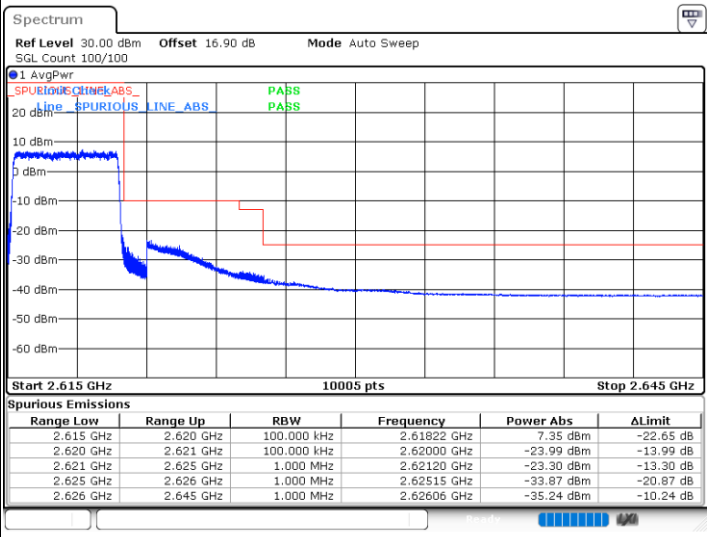


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56384 GHz	-36.27 dBm	-11.27 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56498 GHz	-31.55 dBm	-18.55 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56890 GHz	-22.58 dBm	-12.58 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.56983 GHz	-23.78 dBm	-13.78 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57061 GHz	7.88 dBm	-22.12 dB

Date: 6.MAR.2025 01:03:19

Highest Band Edge / Full RB



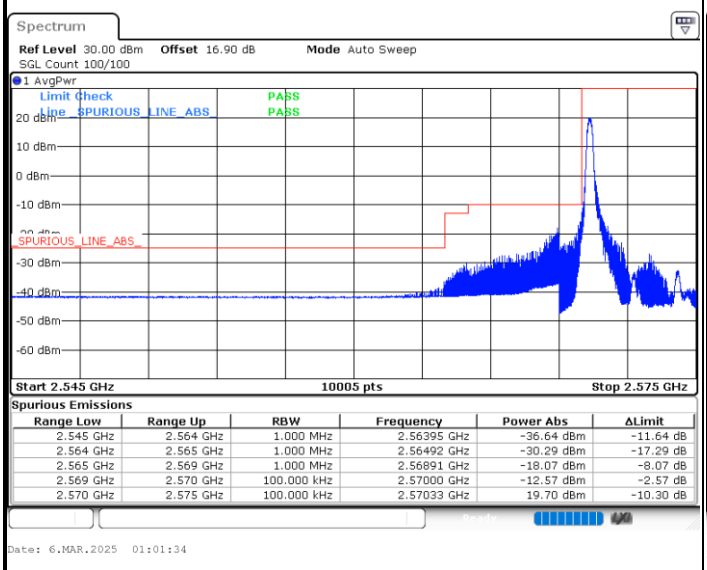
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61822 GHz	7.35 dBm	-22.65 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62000 GHz	-23.99 dBm	-13.99 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62120 GHz	-23.30 dBm	-13.30 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62515 GHz	-33.87 dBm	-20.87 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62606 GHz	-35.24 dBm	-10.24 dB

Date: 6.MAR.2025 01:05:56

LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB

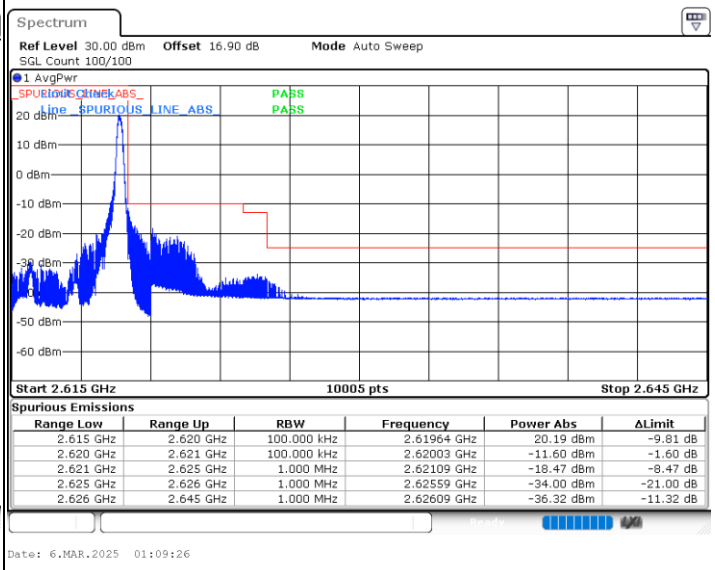


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56395 GHz	-36.64 dBm	-11.64 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56492 GHz	-30.29 dBm	-17.29 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56891 GHz	-18.07 dBm	-8.07 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.57000 GHz	-12.57 dBm	-2.57 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57033 GHz	19.70 dBm	-10.30 dB

Date: 6.MAR.2025 01:01:34

Highest Band Edge / 1 RB

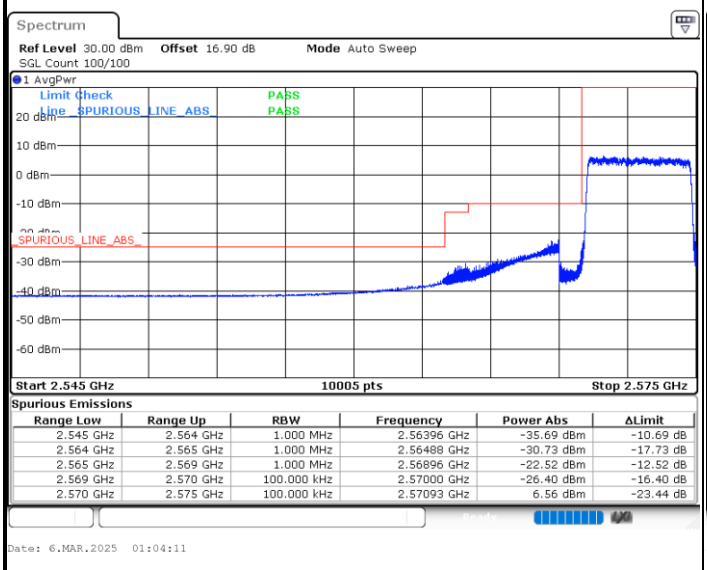


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61964 GHz	20.19 dBm	-9.81 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62003 GHz	-11.60 dBm	-1.60 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62109 GHz	-18.47 dBm	-8.47 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62559 GHz	-34.00 dBm	-21.00 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62609 GHz	-36.32 dBm	-11.32 dB

Date: 6.MAR.2025 01:09:26

Lowest Band Edge / Full RB

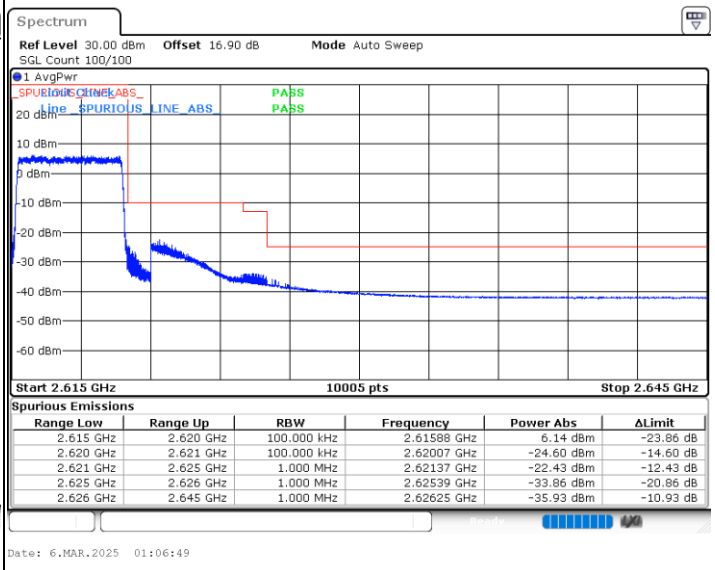


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56396 GHz	-35.69 dBm	-10.69 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56488 GHz	-30.73 dBm	-17.73 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56896 GHz	-22.52 dBm	-12.52 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.57000 GHz	-26.40 dBm	-16.40 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57093 GHz	6.56 dBm	-23.44 dB

Date: 6.MAR.2025 01:04:11

Highest Band Edge / Full RB



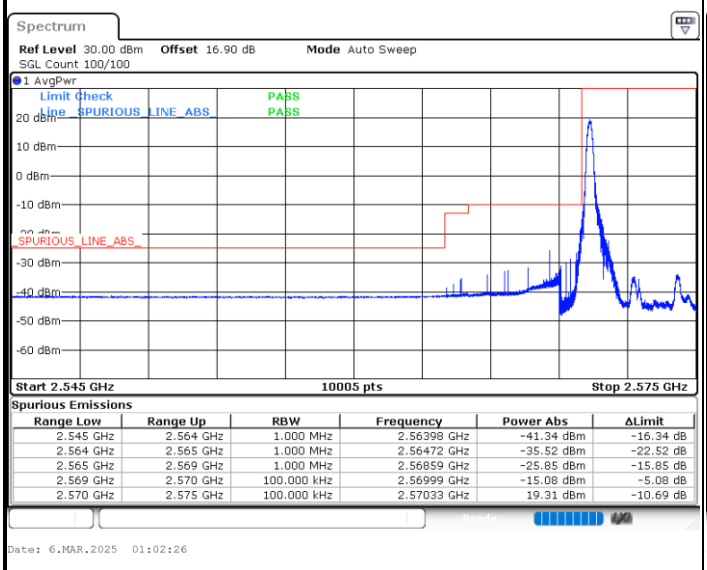
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61588 GHz	6.14 dBm	-23.86 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62007 GHz	-24.60 dBm	-14.60 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62137 GHz	-22.43 dBm	-12.43 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62539 GHz	-33.86 dBm	-20.86 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62625 GHz	-35.93 dBm	-10.93 dB

Date: 6.MAR.2025 01:06:49

LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB

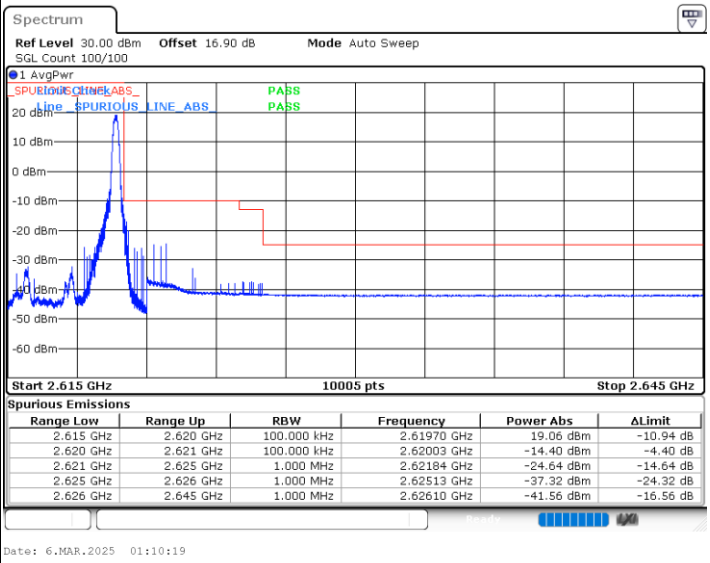


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56398 GHz	-41.34 dBm	-16.34 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56472 GHz	-35.52 dBm	-22.52 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56859 GHz	-25.85 dBm	-15.85 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.56999 GHz	-15.08 dBm	-5.08 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57033 GHz	19.31 dBm	-10.69 dB

Date: 6.MAR.2025 01:02:26

Highest Band Edge / 1 RB

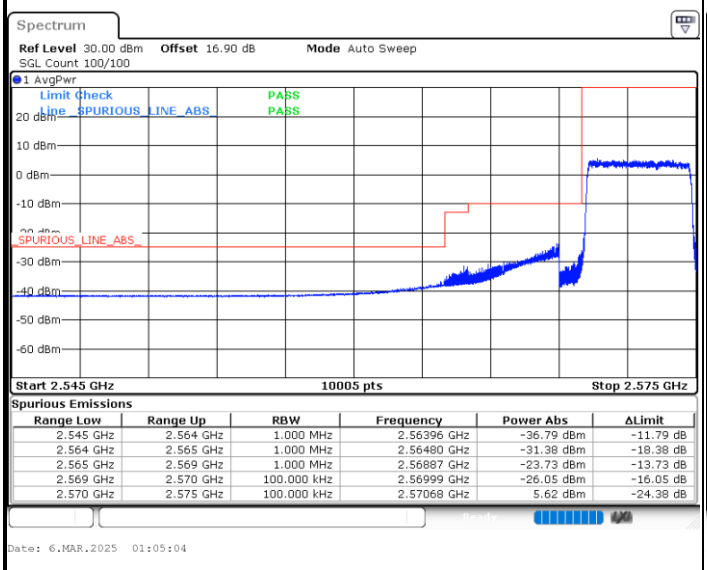


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61970 GHz	19.06 dBm	-10.94 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62003 GHz	-14.40 dBm	-4.40 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62184 GHz	-24.64 dBm	-14.64 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62513 GHz	-37.32 dBm	-24.32 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62610 GHz	-41.56 dBm	-16.56 dB

Date: 6.MAR.2025 01:10:19

Lowest Band Edge / Full RB

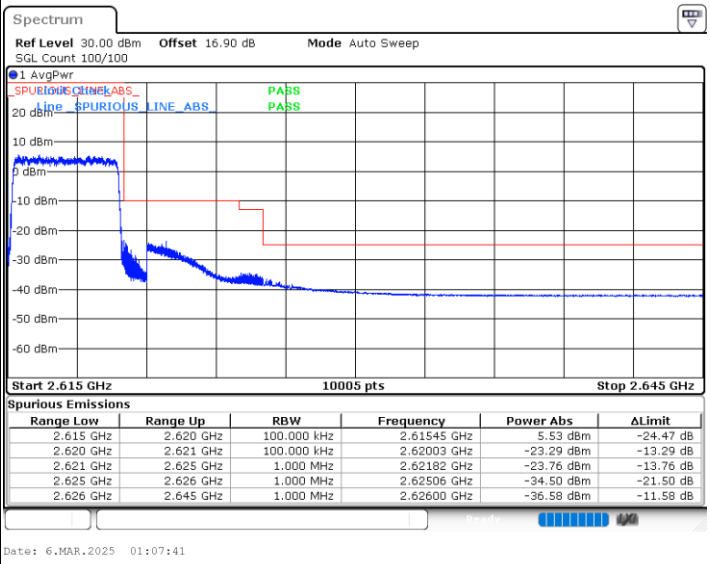


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56396 GHz	-36.79 dBm	-11.79 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56480 GHz	-31.38 dBm	-18.38 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56887 GHz	-23.73 dBm	-13.73 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.56999 GHz	-26.05 dBm	-16.05 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57068 GHz	5.62 dBm	-24.38 dB

Date: 6.MAR.2025 01:05:04

Highest Band Edge / Full RB



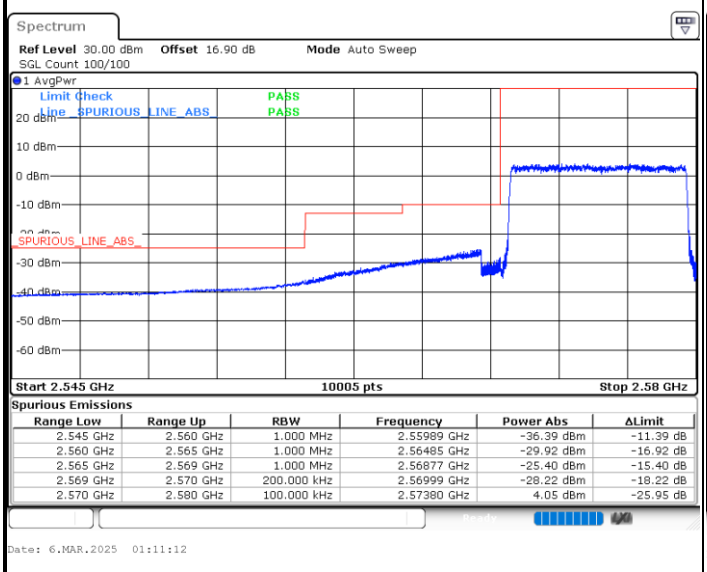
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61545 GHz	5.53 dBm	-24.47 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62003 GHz	-23.29 dBm	-13.29 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62182 GHz	-23.76 dBm	-13.76 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62506 GHz	-34.50 dBm	-21.50 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62600 GHz	-36.58 dBm	-11.58 dB

Date: 6.MAR.2025 01:07:41

LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / Full RB

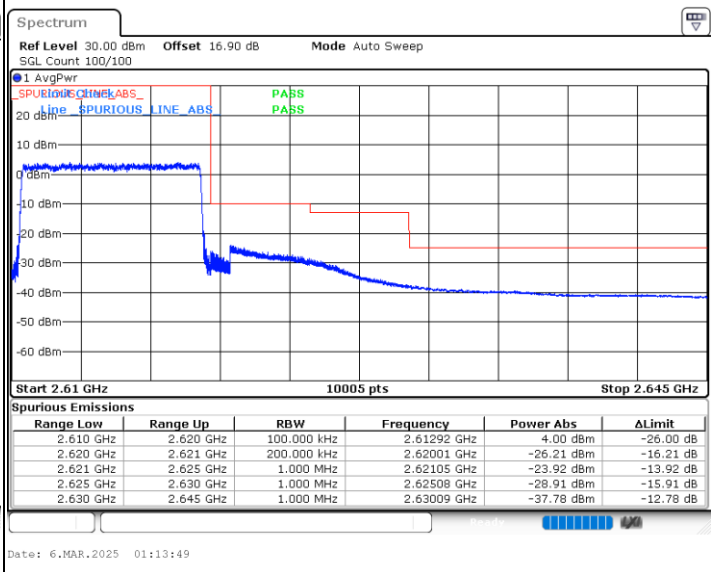


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55989 GHz	-36.39 dBm	-11.39 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56485 GHz	-29.92 dBm	-16.92 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56877 GHz	-25.40 dBm	-15.40 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56999 GHz	-28.22 dBm	-18.22 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57380 GHz	4.05 dBm	-25.95 dB

Date: 6.MAR.2025 01:11:12

Highest Band Edge / Full RB



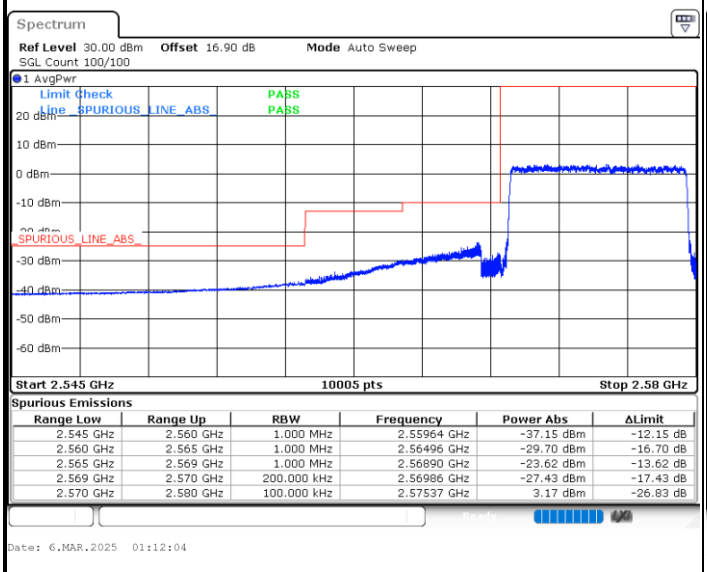
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61292 GHz	4.00 dBm	-26.00 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62001 GHz	-26.21 dBm	-16.21 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62105 GHz	-23.92 dBm	-13.92 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62508 GHz	-28.91 dBm	-15.91 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63009 GHz	-37.78 dBm	-12.78 dB

Date: 6.MAR.2025 01:13:49

LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / Full RB

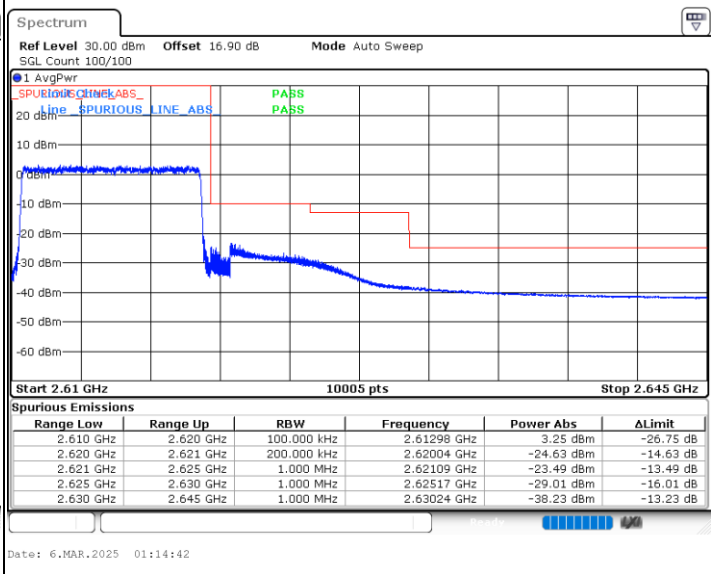


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55964 GHz	-37.15 dBm	-12.15 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56496 GHz	-29.70 dBm	-16.70 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56890 GHz	-23.62 dBm	-13.62 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56986 GHz	-27.43 dBm	-17.43 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57537 GHz	3.17 dBm	-26.83 dB

Date: 6.MAR.2025 01:12:04

Highest Band Edge / Full RB

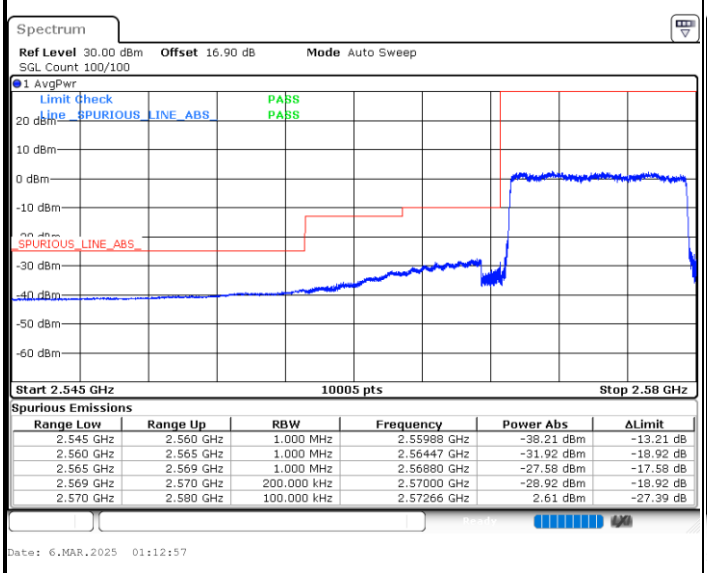


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61298 GHz	3.25 dBm	-26.75 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62004 GHz	-24.63 dBm	-14.63 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62109 GHz	-23.49 dBm	-13.49 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62517 GHz	-29.01 dBm	-16.01 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63024 GHz	-38.23 dBm	-13.23 dB

Date: 6.MAR.2025 01:14:42

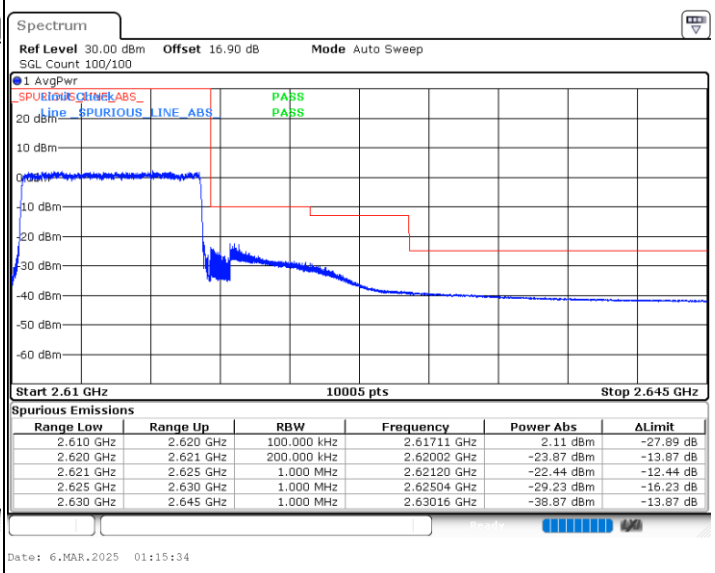
LTE Band 38 / 10MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55988 GHz	-38.21 dBm	-13.21 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56447 GHz	-31.92 dBm	-18.92 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56880 GHz	-27.58 dBm	-17.58 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.57000 GHz	-28.92 dBm	-18.92 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57266 GHz	2.61 dBm	-27.39 dB

Date: 6.MAR.2025 01:12:57



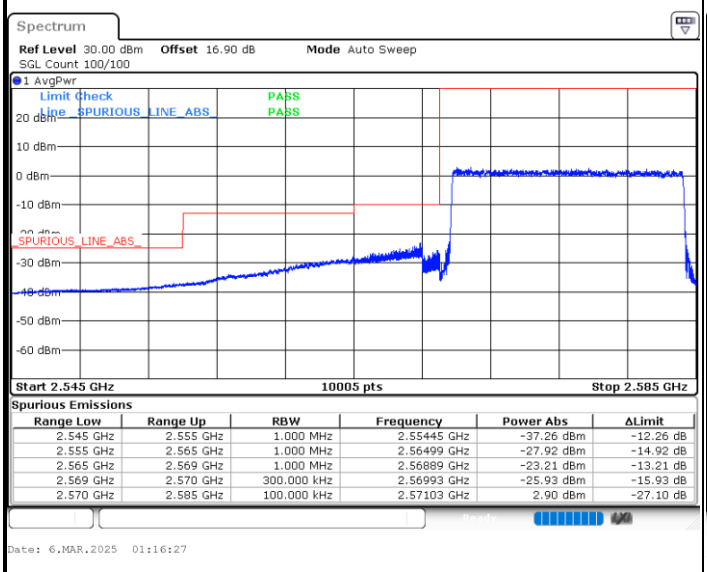
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61711 GHz	2.11 dBm	-27.89 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62002 GHz	-23.87 dBm	-13.87 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62120 GHz	-22.44 dBm	-12.44 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62504 GHz	-29.23 dBm	-16.23 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63016 GHz	-38.87 dBm	-13.87 dB

Date: 6.MAR.2025 01:15:34

LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / Full RB

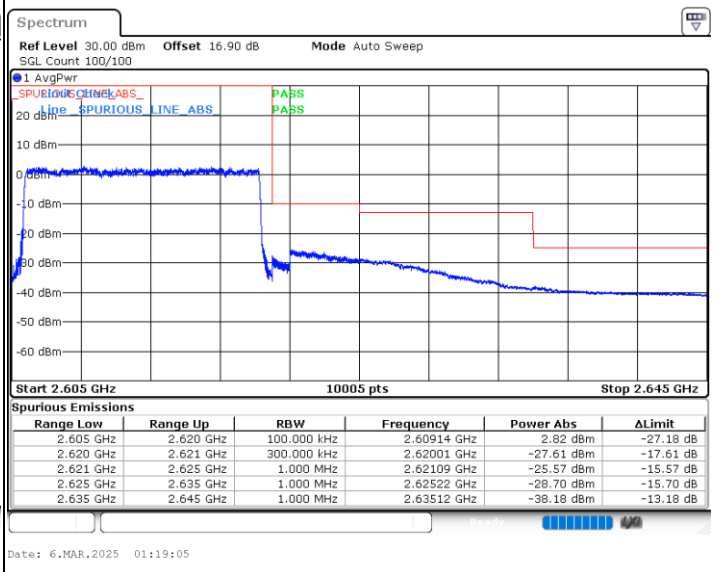


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55445 GHz	-37.26 dBm	-12.26 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56499 GHz	-27.92 dBm	-14.92 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56889 GHz	-23.21 dBm	-13.21 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56993 GHz	-25.93 dBm	-15.93 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57103 GHz	2.90 dBm	-27.10 dB

Date: 6.MAR.2025 01:16:27

Highest Band Edge / Full RB



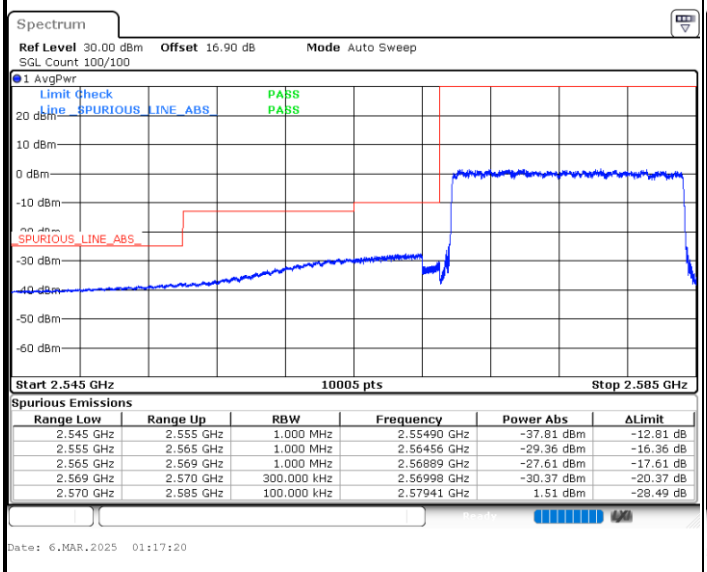
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.60914 GHz	2.82 dBm	-27.18 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62001 GHz	-27.61 dBm	-17.61 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62109 GHz	-25.57 dBm	-15.57 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62522 GHz	-28.70 dBm	-15.70 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63512 GHz	-38.18 dBm	-13.18 dB

Date: 6.MAR.2025 01:19:05

LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / Full RB

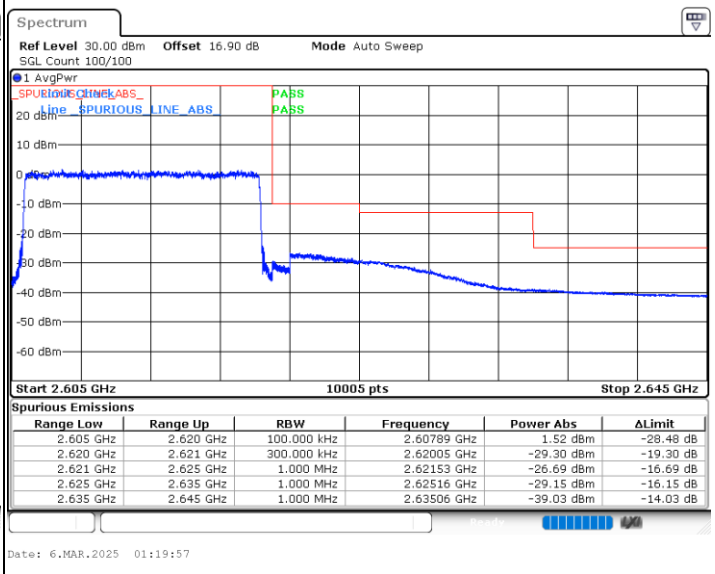


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55490 GHz	-37.81 dBm	-12.81 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56456 GHz	-29.36 dBm	-16.36 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56889 GHz	-27.61 dBm	-17.61 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56998 GHz	-30.37 dBm	-20.37 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57941 GHz	1.51 dBm	-28.49 dB

Date: 6.MAR.2025 01:17:20

Highest Band Edge / Full RB

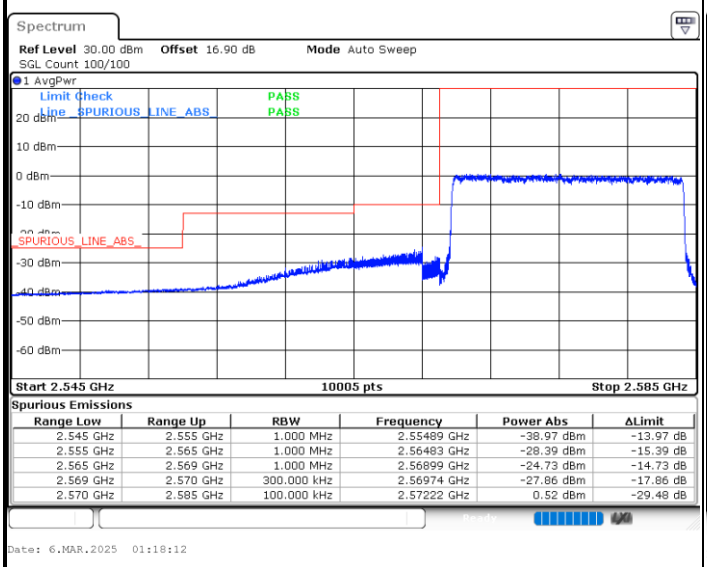


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.60789 GHz	1.52 dBm	-28.48 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62005 GHz	-29.30 dBm	-19.30 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62153 GHz	-26.69 dBm	-16.69 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62516 GHz	-29.15 dBm	-16.15 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63506 GHz	-39.03 dBm	-14.03 dB

Date: 6.MAR.2025 01:19:57

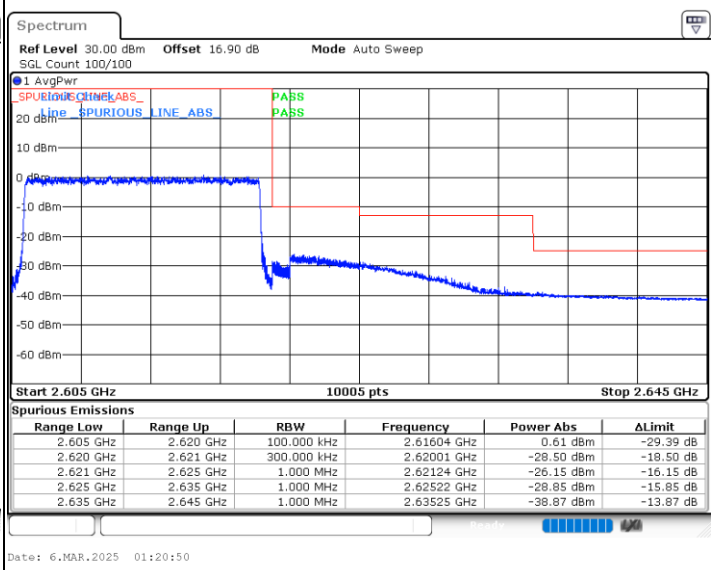
LTE Band 38 / 15MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55489 GHz	-38.97 dBm	-13.97 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56483 GHz	-28.39 dBm	-15.39 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56899 GHz	-24.73 dBm	-14.73 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56974 GHz	-27.86 dBm	-17.86 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57222 GHz	0.52 dBm	-29.48 dB

Date: 6.MAR.2025 01:18:12



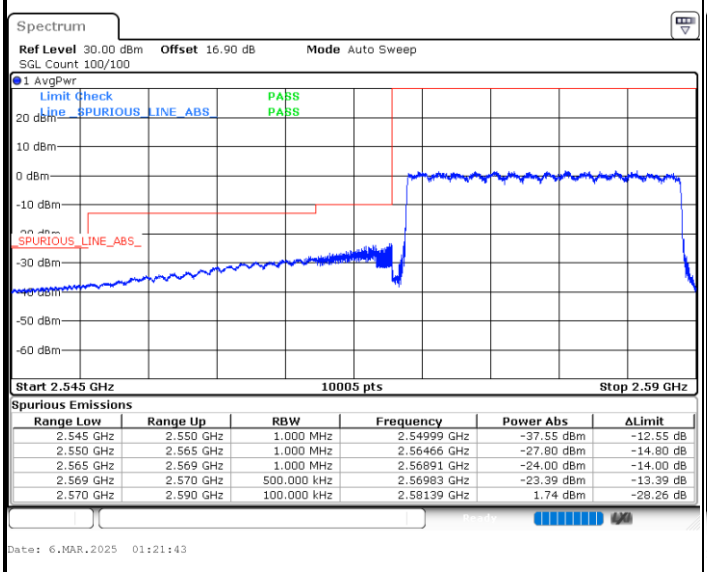
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61604 GHz	0.61 dBm	-29.39 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62001 GHz	-28.50 dBm	-18.50 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62124 GHz	-26.15 dBm	-16.15 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62522 GHz	-28.85 dBm	-15.85 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63525 GHz	-38.87 dBm	-13.87 dB

Date: 6.MAR.2025 01:20:50

LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / Full RB

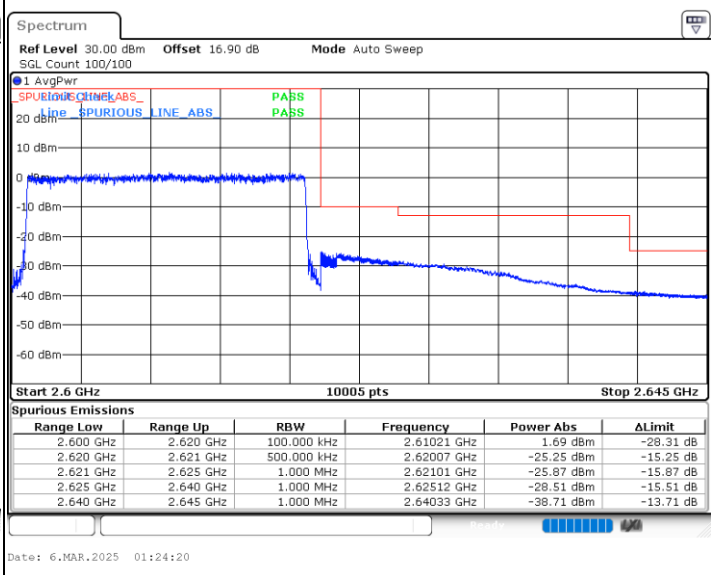


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54999 GHz	-37.55 dBm	-12.55 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56466 GHz	-27.80 dBm	-14.80 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56891 GHz	-24.00 dBm	-14.00 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56983 GHz	-23.39 dBm	-13.39 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.58139 GHz	1.74 dBm	-28.26 dB

Date: 6.MAR.2025 01:21:43

Highest Band Edge / Full RB



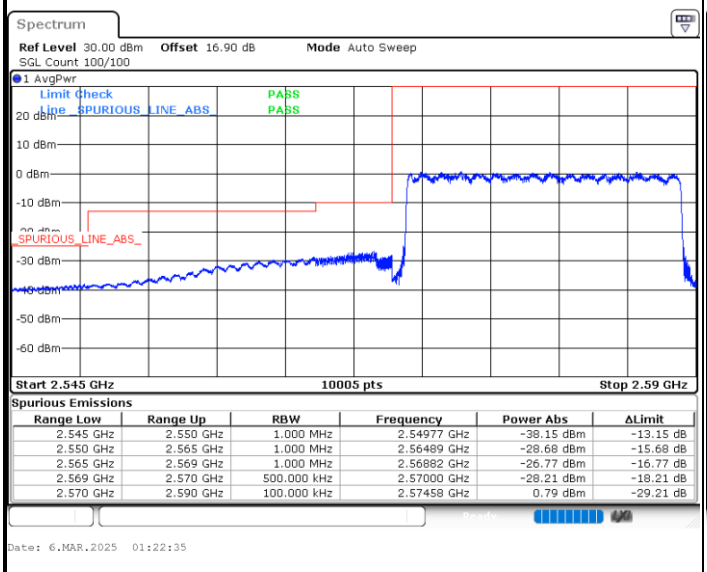
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61021 GHz	1.69 dBm	-28.31 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62007 GHz	-25.25 dBm	-15.25 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62101 GHz	-25.87 dBm	-15.87 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62512 GHz	-28.51 dBm	-15.51 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64033 GHz	-38.71 dBm	-13.71 dB

Date: 6.MAR.2025 01:24:20

LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / Full RB

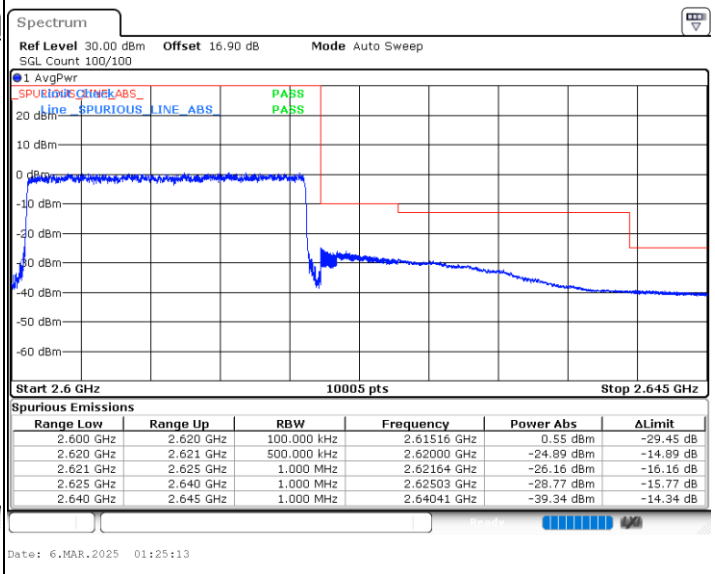


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54977 GHz	-38.15 dBm	-13.15 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56489 GHz	-28.68 dBm	-15.68 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56882 GHz	-26.77 dBm	-16.77 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-28.21 dBm	-18.21 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57458 GHz	0.79 dBm	-29.21 dB

Date: 6.MAR.2025 01:22:35

Highest Band Edge / Full RB

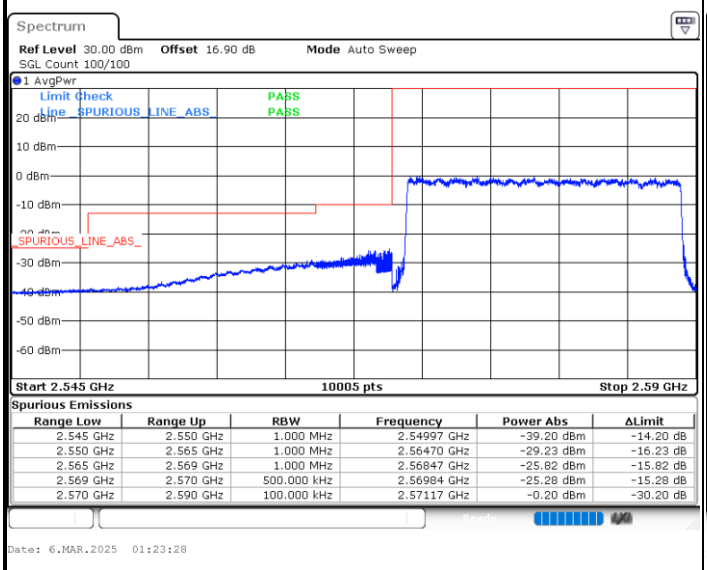


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61516 GHz	0.55 dBm	-29.45 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-24.89 dBm	-14.89 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62164 GHz	-26.16 dBm	-16.16 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62503 GHz	-28.77 dBm	-15.77 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64041 GHz	-39.34 dBm	-14.34 dB

Date: 6.MAR.2025 01:25:13

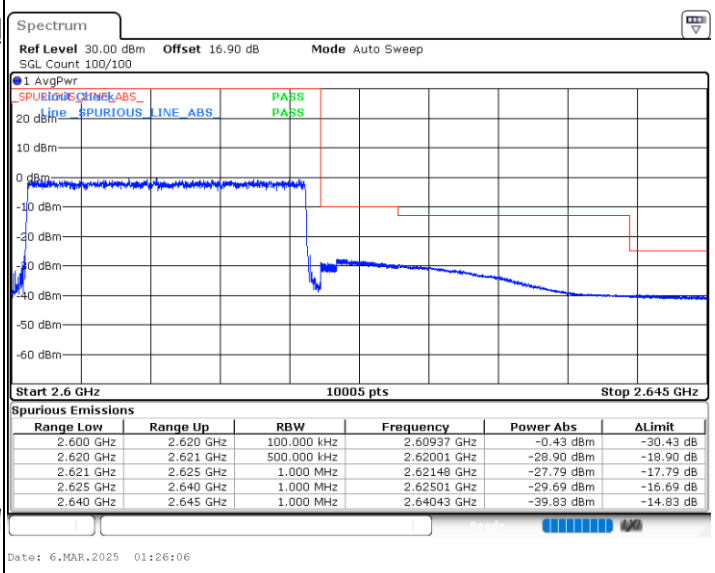
LTE Band 38 / 20MHz / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54997 GHz	-39.20 dBm	-14.20 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56470 GHz	-29.23 dBm	-16.23 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56847 GHz	-25.82 dBm	-15.82 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56984 GHz	-25.28 dBm	-15.28 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57117 GHz	-0.20 dBm	-30.20 dB

Date: 6.MAR.2025 01:23:28



Spurious Emissions

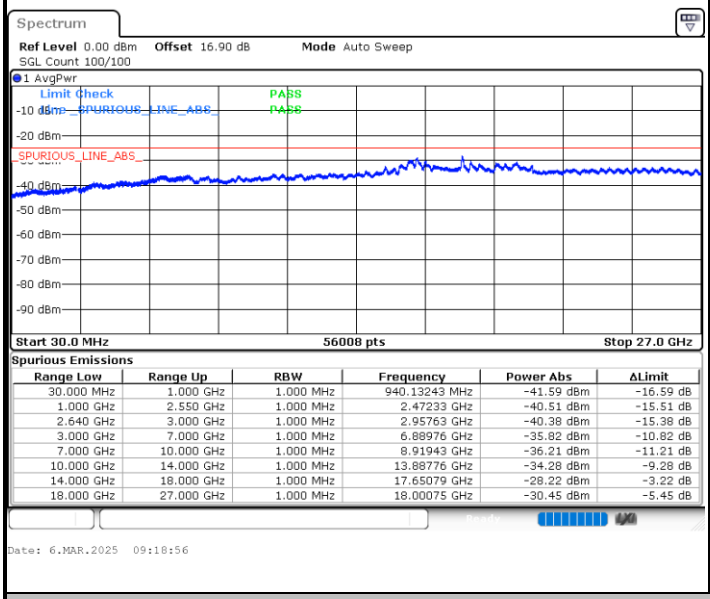
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.60937 GHz	-0.43 dBm	-30.43 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-28.90 dBm	-18.90 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62148 GHz	-27.79 dBm	-17.79 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62501 GHz	-29.69 dBm	-16.69 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64043 GHz	-39.83 dBm	-14.83 dB

Date: 6.MAR.2025 01:26:06

Conducted Spurious Emission

LTE Band 38 / 5MHz

Lowest Channel / QPSK

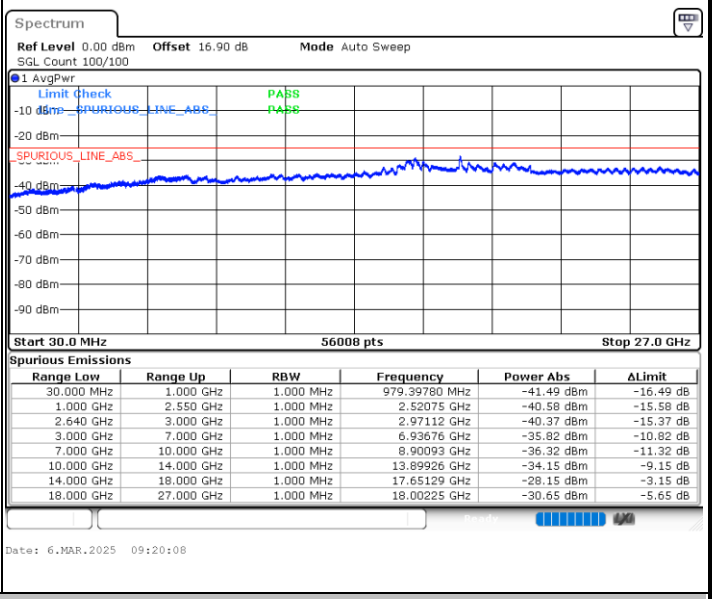


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-41.59 dBm	-16.59 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.47233 GHz	-40.51 dBm	-15.51 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.95763 GHz	-40.38 dBm	-15.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88976 GHz	-35.82 dBm	-10.82 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91943 GHz	-36.21 dBm	-11.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88776 GHz	-34.28 dBm	-9.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65079 GHz	-28.22 dBm	-3.22 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00075 GHz	-30.45 dBm	-5.45 dB

Date: 6.MAR.2025 09:18:56

Middle Channel / QPSK

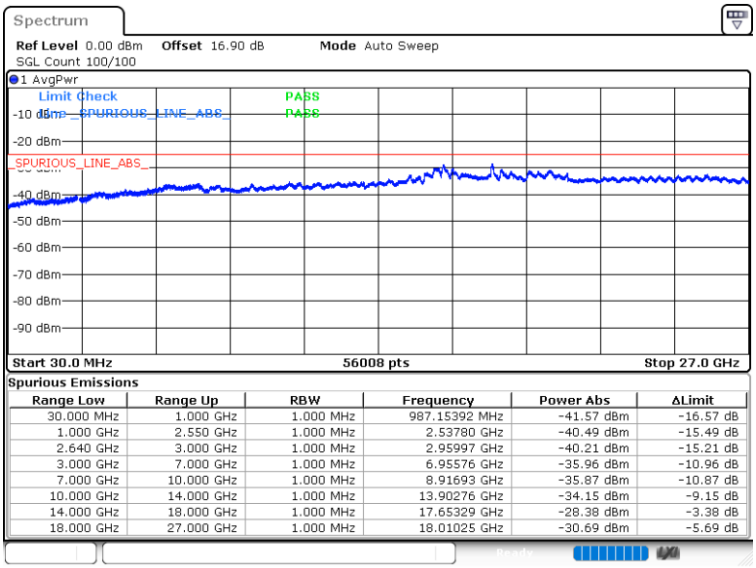


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.39780 MHz	-41.49 dBm	-16.49 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52075 GHz	-40.58 dBm	-15.58 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97112 GHz	-40.37 dBm	-15.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93676 GHz	-35.82 dBm	-10.82 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90093 GHz	-36.32 dBm	-11.32 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89926 GHz	-34.15 dBm	-9.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65129 GHz	-28.15 dBm	-3.15 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00225 GHz	-30.65 dBm	-5.65 dB

Date: 6.MAR.2025 09:20:08

Highest Channel / QPSK



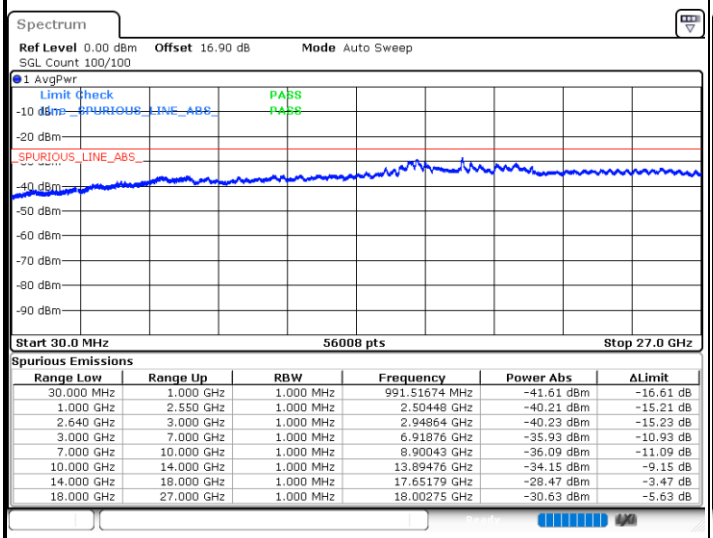
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-41.57 dBm	-16.57 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53780 GHz	-40.49 dBm	-15.49 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.95997 GHz	-40.21 dBm	-15.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95576 GHz	-35.96 dBm	-10.96 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91693 GHz	-35.87 dBm	-10.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90276 GHz	-34.15 dBm	-9.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65329 GHz	-28.38 dBm	-3.38 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01025 GHz	-30.69 dBm	-5.69 dB

Date: 6.MAR.2025 09:21:21

LTE Band 38 / 10MHz

Lowest Channel / QPSK

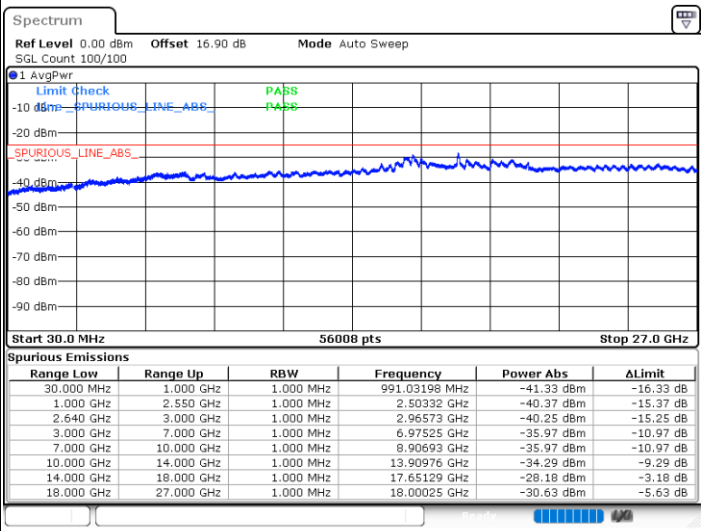


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-41.61 dBm	-16.61 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.50448 GHz	-40.21 dBm	-15.21 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.94864 GHz	-40.23 dBm	-15.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91876 GHz	-35.93 dBm	-10.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90043 GHz	-36.09 dBm	-11.09 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89476 GHz	-34.15 dBm	-9.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65179 GHz	-28.47 dBm	-3.47 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00275 GHz	-30.63 dBm	-5.63 dB

Date: 6.MAR.2025 09:22:35

Middle Channel / QPSK

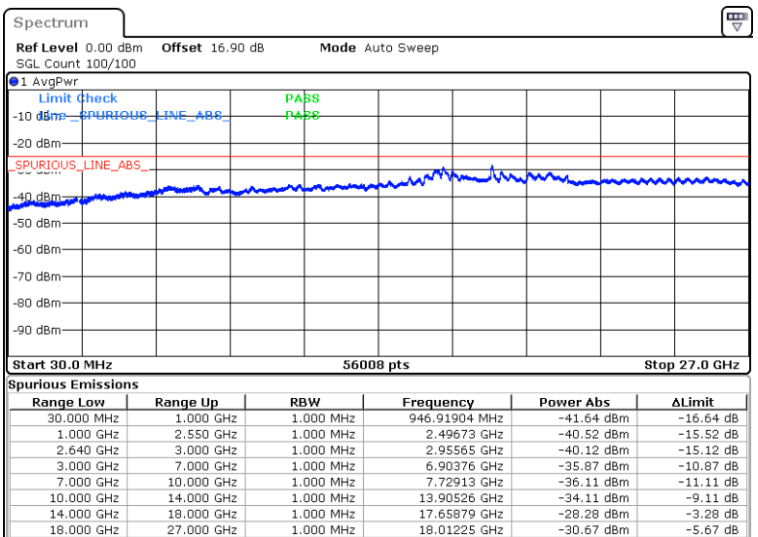


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-41.33 dBm	-16.33 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.50332 GHz	-40.37 dBm	-15.37 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96573 GHz	-40.25 dBm	-15.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97525 GHz	-35.97 dBm	-10.97 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90693 GHz	-35.97 dBm	-10.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90976 GHz	-34.29 dBm	-9.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65129 GHz	-28.18 dBm	-3.18 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00025 GHz	-30.63 dBm	-5.63 dB

Date: 6.MAR.2025 09:23:47

Highest Channel / QPSK



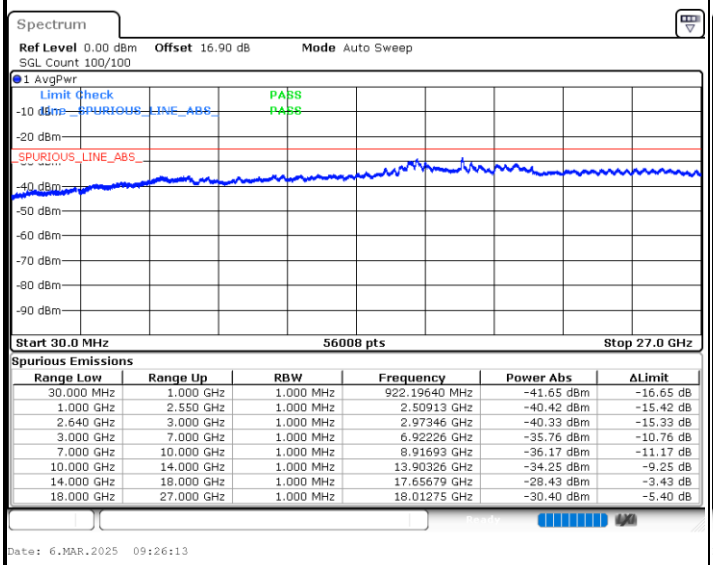
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-41.64 dBm	-16.64 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.49673 GHz	-40.52 dBm	-15.52 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.95565 GHz	-40.12 dBm	-15.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90376 GHz	-35.87 dBm	-10.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.72913 GHz	-36.11 dBm	-11.11 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90526 GHz	-34.11 dBm	-9.11 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65879 GHz	-28.28 dBm	-3.28 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01225 GHz	-30.67 dBm	-5.67 dB

Date: 6.MAR.2025 09:25:00

LTE Band 38 / 15MHz

Lowest Channel / QPSK

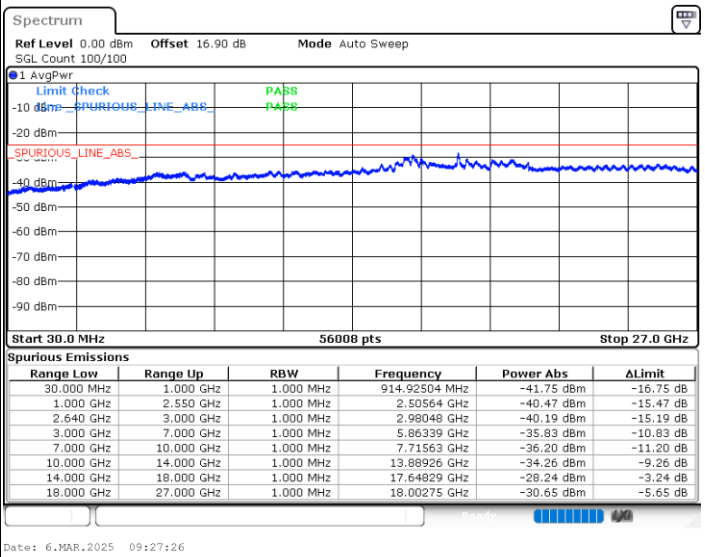


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	922.19640 MHz	-41.65 dBm	-16.65 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.50913 GHz	-40.42 dBm	-15.42 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97346 GHz	-40.33 dBm	-15.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92226 GHz	-35.76 dBm	-10.76 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91693 GHz	-36.17 dBm	-11.17 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90326 GHz	-34.25 dBm	-9.25 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65679 GHz	-28.43 dBm	-3.43 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.01275 GHz	-30.40 dBm	-5.40 dB

Date: 6.MAR.2025 09:26:13

Middle Channel / QPSK

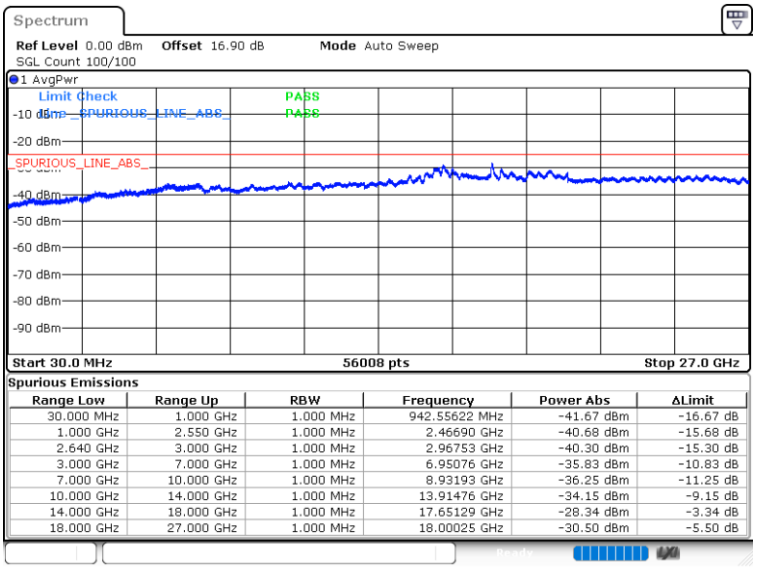


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-41.75 dBm	-16.75 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.50564 GHz	-40.47 dBm	-15.47 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98048 GHz	-40.19 dBm	-15.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.86339 GHz	-35.83 dBm	-10.83 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.71563 GHz	-36.20 dBm	-11.20 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88926 GHz	-34.26 dBm	-9.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.64829 GHz	-28.24 dBm	-3.24 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00275 GHz	-30.65 dBm	-5.65 dB

Date: 6.MAR.2025 09:27:26

Highest Channel / QPSK



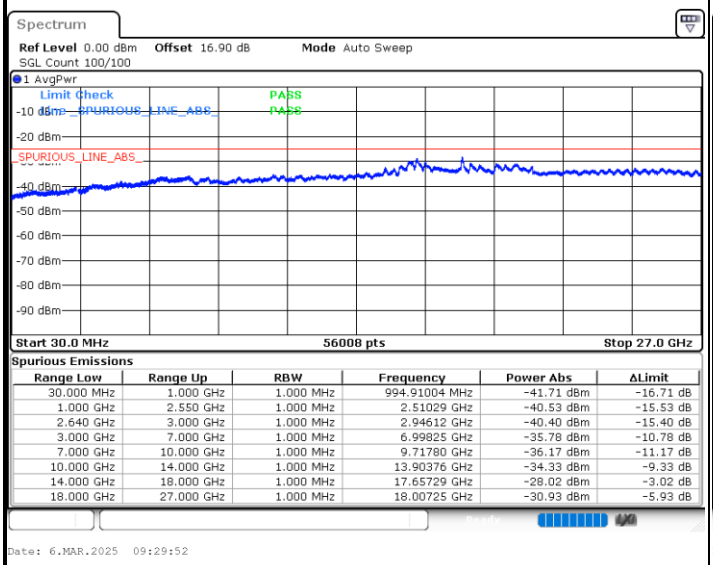
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.55622 MHz	-41.67 dBm	-16.67 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.46690 GHz	-40.68 dBm	-15.68 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96753 GHz	-40.30 dBm	-15.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95076 GHz	-35.83 dBm	-10.83 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.93193 GHz	-36.25 dBm	-11.25 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.91476 GHz	-34.15 dBm	-9.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65129 GHz	-28.34 dBm	-3.34 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00025 GHz	-30.50 dBm	-5.50 dB

Date: 6.MAR.2025 09:28:39

LTE Band 38 / 20MHz

Lowest Channel / QPSK

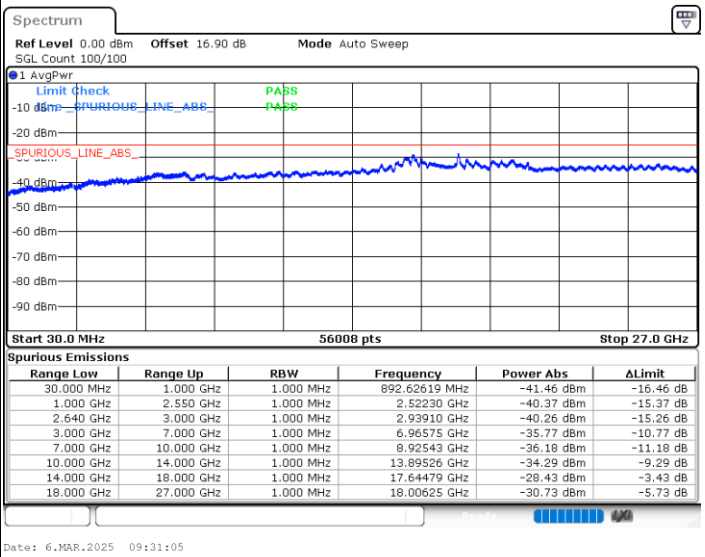


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-41.71 dBm	-16.71 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.51029 GHz	-40.53 dBm	-15.53 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.94612 GHz	-40.40 dBm	-15.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-35.78 dBm	-10.78 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.71780 GHz	-36.17 dBm	-11.17 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90376 GHz	-34.33 dBm	-9.33 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65729 GHz	-28.02 dBm	-3.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00725 GHz	-30.93 dBm	-5.93 dB

Date: 6.MAR.2025 09:29:52

Middle Channel / QPSK

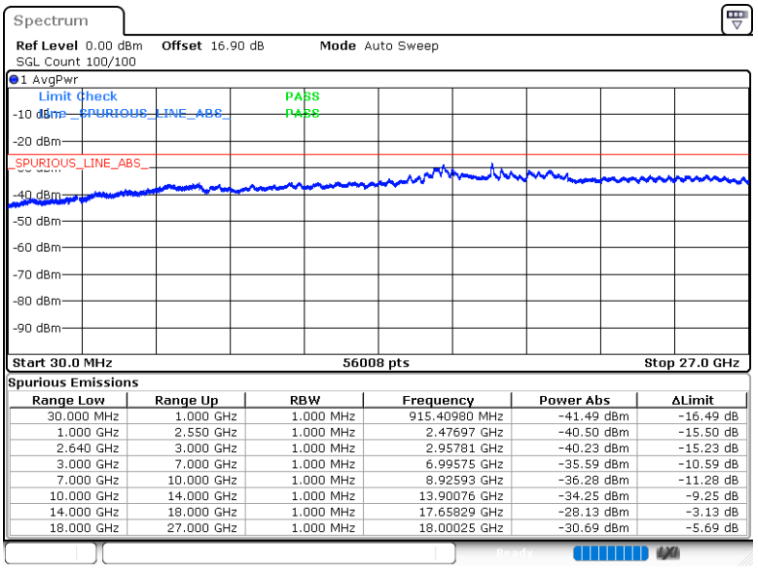


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	892.62619 MHz	-41.46 dBm	-16.46 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52230 GHz	-40.37 dBm	-15.37 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.93910 GHz	-40.26 dBm	-15.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96575 GHz	-35.77 dBm	-10.77 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92543 GHz	-36.18 dBm	-11.18 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89526 GHz	-34.29 dBm	-9.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.64479 GHz	-28.43 dBm	-3.43 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00625 GHz	-30.73 dBm	-5.73 dB

Date: 6.MAR.2025 09:31:05

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-41.49 dBm	-16.49 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.47697 GHz	-40.50 dBm	-15.50 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.95781 GHz	-40.23 dBm	-15.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-35.59 dBm	-10.59 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92593 GHz	-36.28 dBm	-11.28 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90076 GHz	-34.25 dBm	-9.25 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65829 GHz	-28.13 dBm	-3.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00025 GHz	-30.69 dBm	-5.69 dB

Date: 6.MAR.2025 09:32:17

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0052	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0043	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0016	

Note:

1. Normal Voltage = 3.87 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.