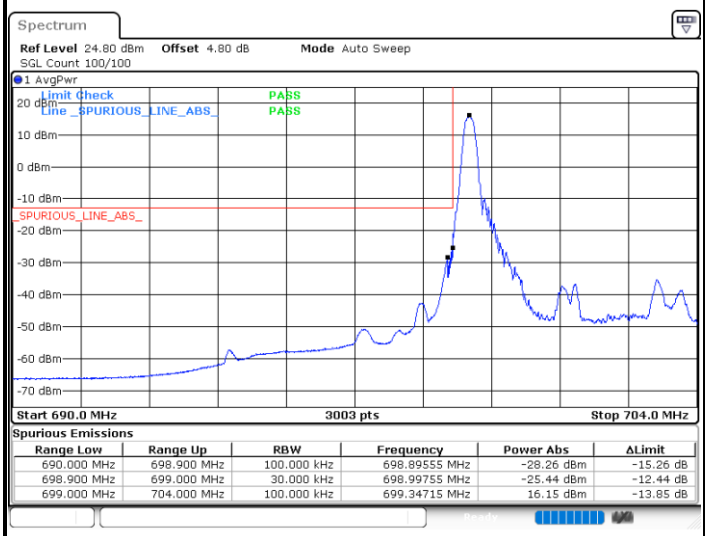
LTE Band 12 / 5MHz / 256QAM

Lowest Band Edge / 1RB

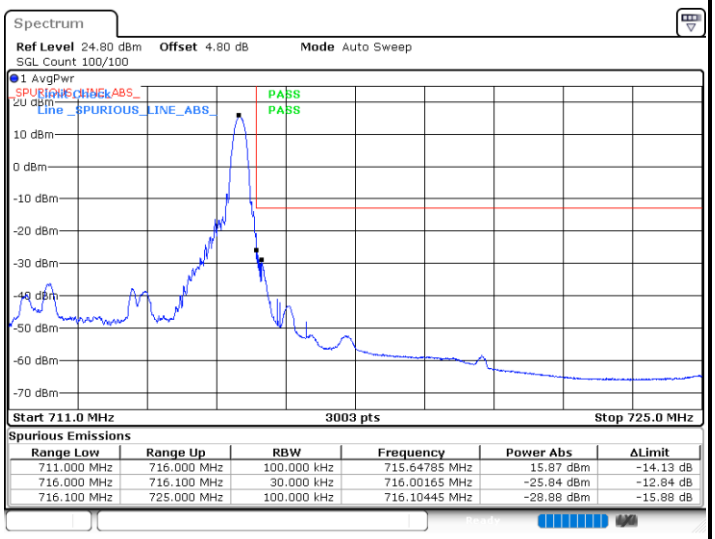


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.26 dBm	-15.26 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-25.44 dBm	-12.44 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34715 MHz	16.15 dBm	-13.85 dB

Date: 21.MAR.2025 10:11:57

Highest Band Edge / 1 RB

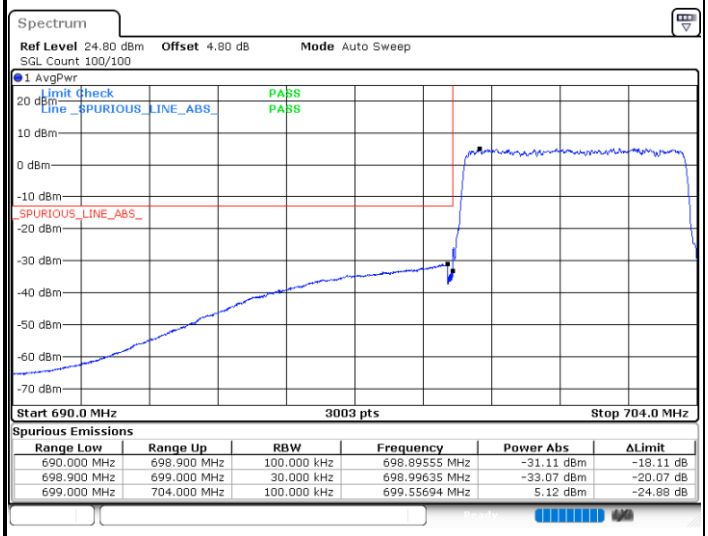


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64785 MHz	15.87 dBm	-14.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00165 MHz	-25.84 dBm	-12.84 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.88 dBm	-15.88 dB

Date: 21.MAR.2025 10:33:26

Lowest Band Edge / Full RB

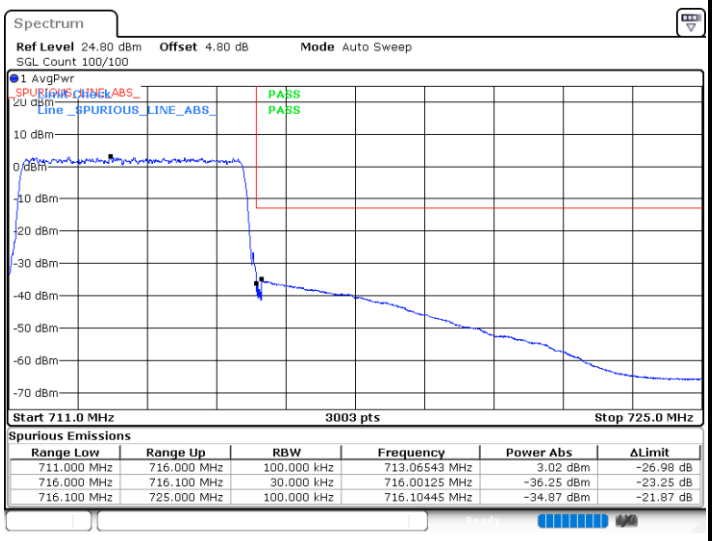


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.11 dBm	-18.11 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99635 MHz	-33.07 dBm	-20.07 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.55694 MHz	5.12 dBm	-24.88 dB

Date: 21.MAR.2025 10:21:49

Highest Band Edge / Full RB



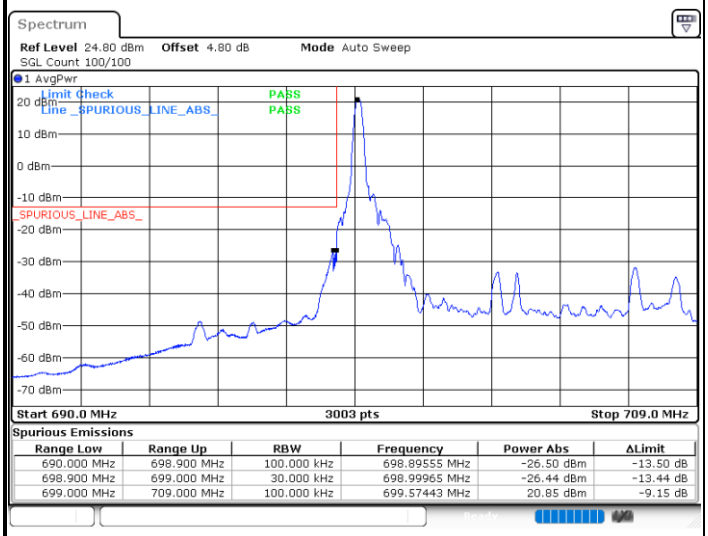
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.06543 MHz	3.02 dBm	-26.98 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00125 MHz	-36.25 dBm	-23.25 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.87 dBm	-21.87 dB

Date: 21.MAR.2025 10:34:51

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

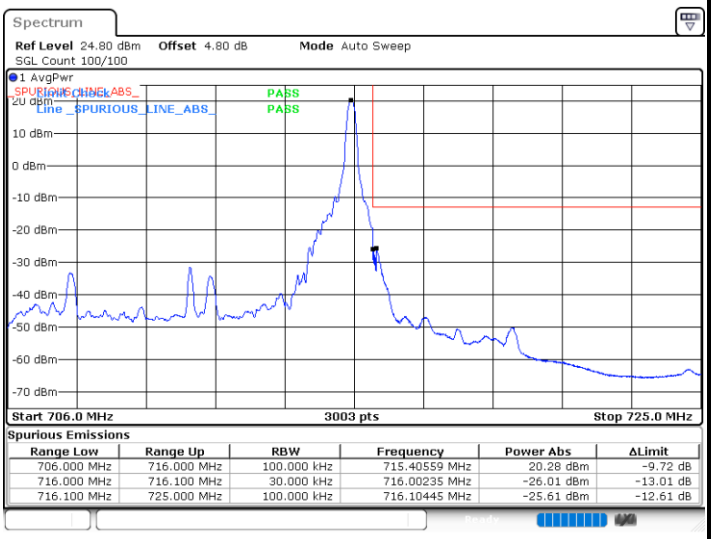


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.50 dBm	-13.50 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-26.44 dBm	-13.44 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.57443 MHz	20.85 dBm	-9.15 dB

Date: 21.MAR.2025 10:39:19

Highest Band Edge / 1 RB

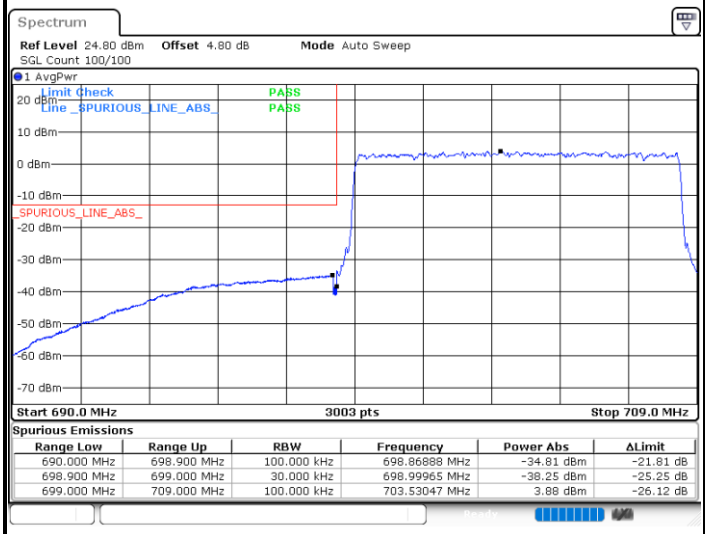


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	20.28 dBm	-9.72 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-26.01 dBm	-13.01 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-25.61 dBm	-12.61 dB

Date: 21.MAR.2025 10:48:09

Lowest Band Edge / Full RB

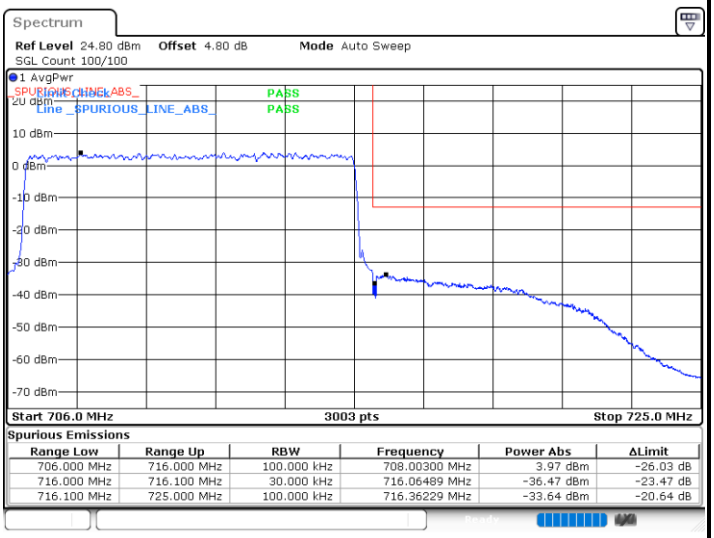


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.86888 MHz	-34.81 dBm	-21.81 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-38.25 dBm	-25.25 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.53047 MHz	3.88 dBm	-26.12 dB

Date: 21.MAR.2025 10:44:42

Highest Band Edge / Full RB



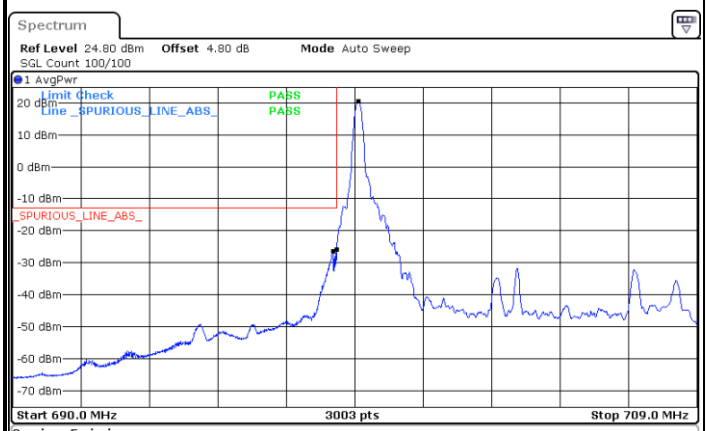
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.00300 MHz	3.97 dBm	-26.03 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.06489 MHz	-36.47 dBm	-23.47 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.36229 MHz	-33.64 dBm	-20.64 dB

Date: 21.MAR.2025 10:53:29

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

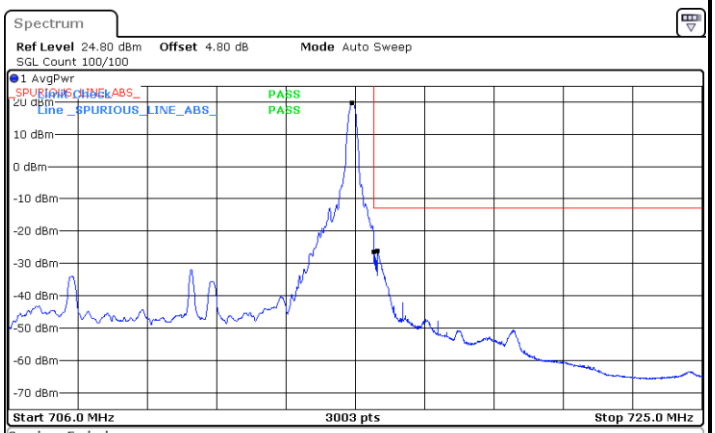


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.43 dBm	-13.43 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99765 MHz	-25.90 dBm	-12.90 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	20.37 dBm	-9.63 dB

Date: 21.MAR.2025 10:40:07

Highest Band Edge / 1 RB

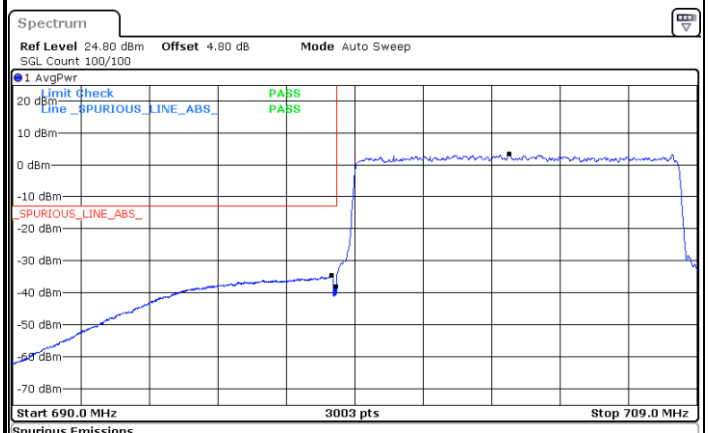


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	19.64 dBm	-10.36 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00095 MHz	-26.42 dBm	-13.42 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.07 dBm	-13.07 dB

Date: 21.MAR.2025 10:48:58

Lowest Band Edge / Full RB

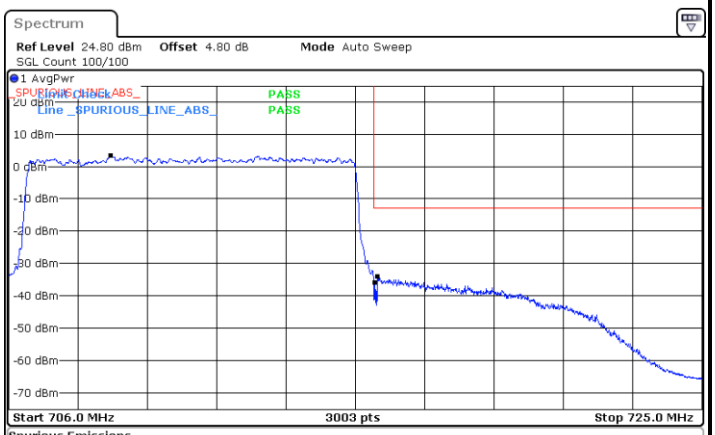


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85999 MHz	-34.65 dBm	-21.65 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.97727 MHz	-38.14 dBm	-25.14 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.77023 MHz	3.45 dBm	-26.55 dB

Date: 21.MAR.2025 10:43:57

Highest Band Edge / Full RB



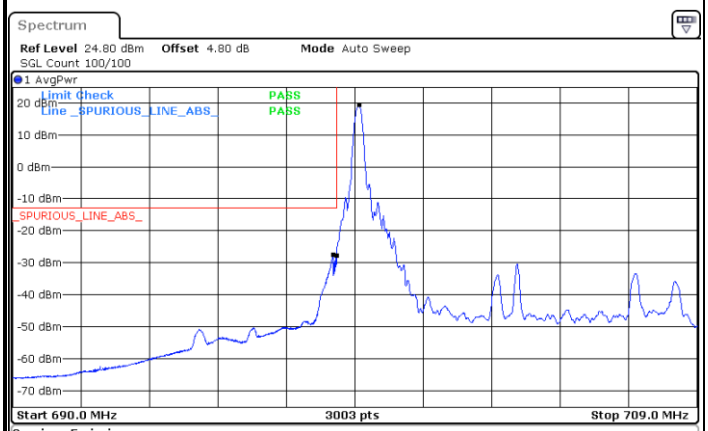
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.78222 MHz	3.52 dBm	-26.48 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02532 MHz	-35.88 dBm	-22.88 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.11 dBm	-21.11 dB

Date: 21.MAR.2025 10:52:43

LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

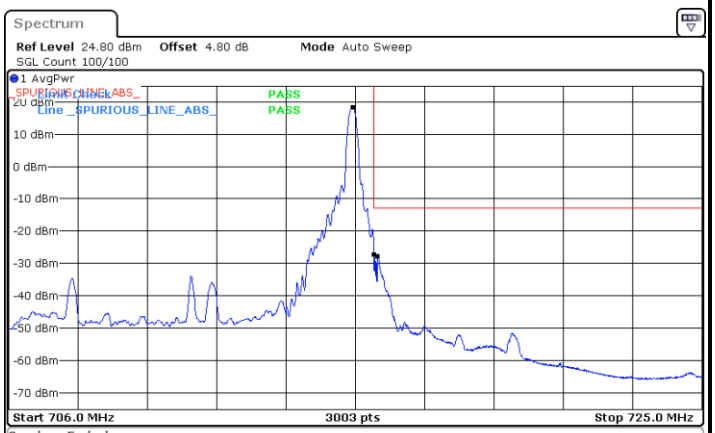


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.42 dBm	-14.42 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99885 MHz	-27.68 dBm	-14.68 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.62438 MHz	19.25 dBm	-10.75 dB

Date: 21.MAR.2025 10:40:52

Highest Band Edge / 1 RB

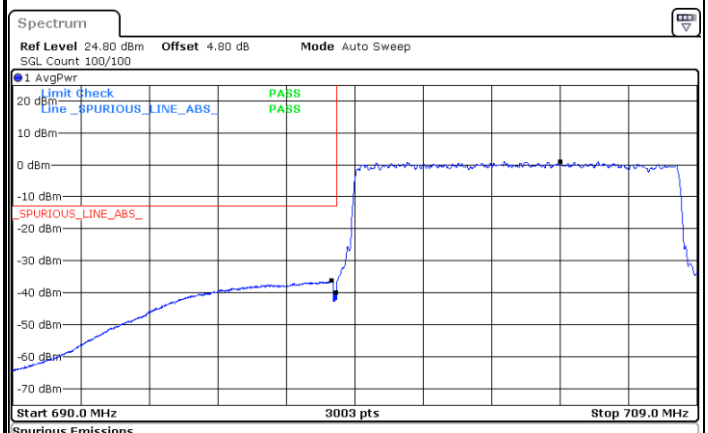


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	18.17 dBm	-11.83 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00065 MHz	-27.28 dBm	-14.28 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.87 dBm	-14.87 dB

Date: 21.MAR.2025 10:49:43

Lowest Band Edge / Full RB

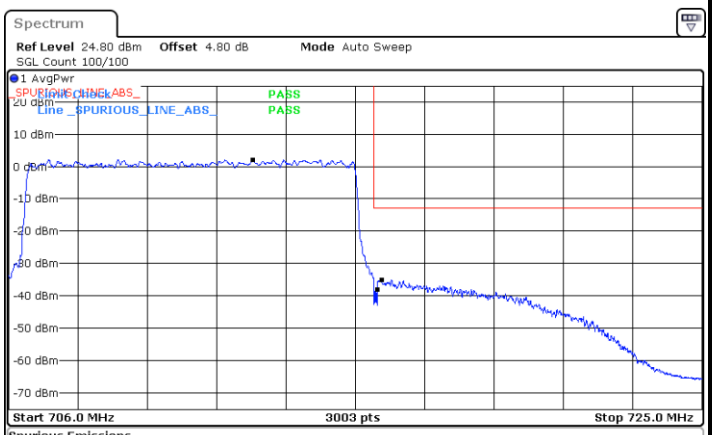


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85110 MHz	-36.08 dBm	-23.08 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.97288 MHz	-39.84 dBm	-26.84 dB
699.000 MHz	709.000 MHz	100.000 kHz	705.18881 MHz	1.07 dBm	-28.93 dB

Date: 21.MAR.2025 10:43:12

Highest Band Edge / Full RB



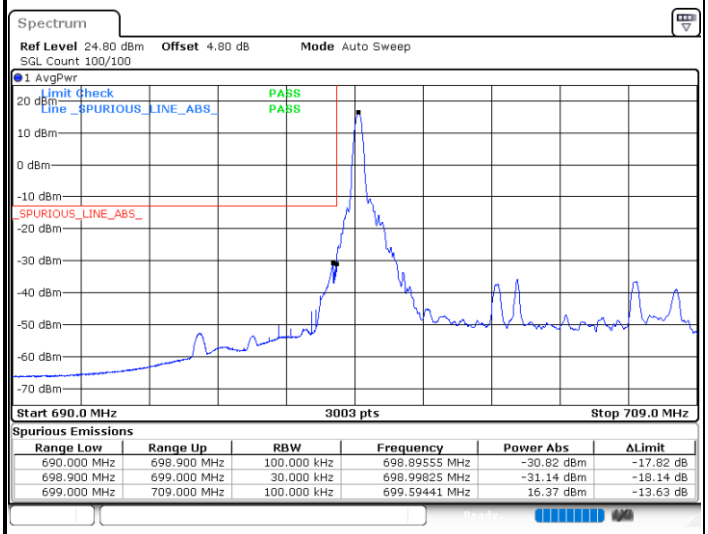
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	712.69830 MHz	2.10 dBm	-27.90 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.09366 MHz	-37.99 dBm	-24.99 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.21114 MHz	-35.03 dBm	-22.03 dB

Date: 21.MAR.2025 10:51:59

LTE Band 12 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

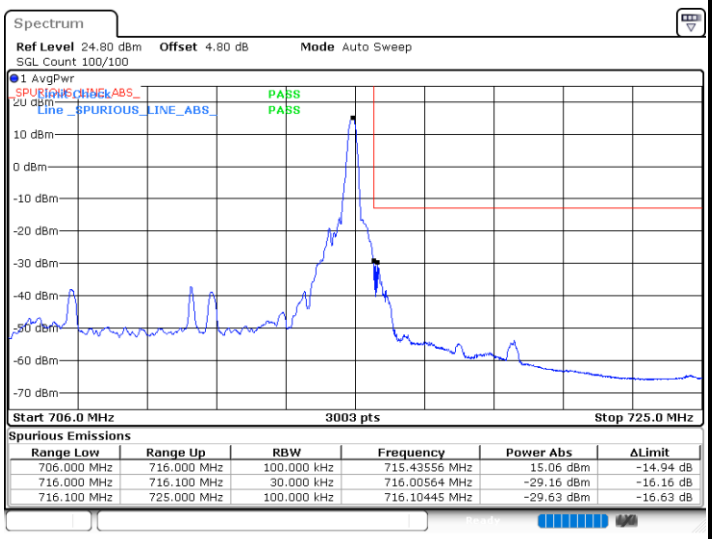


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.82 dBm	-17.82 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99825 MHz	-31.14 dBm	-18.14 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.59441 MHz	16.37 dBm	-13.63 dB

Date: 21.MAR.2025 10:41:37

Highest Band Edge / 1 RB

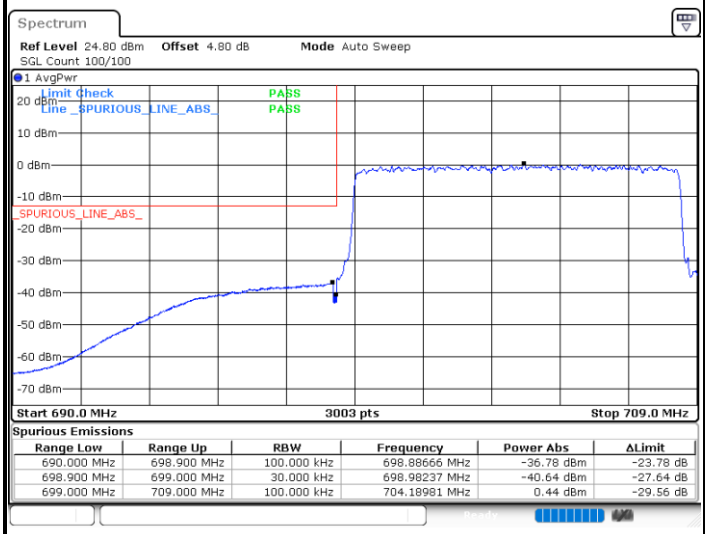


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.43556 MHz	15.06 dBm	-14.94 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00564 MHz	-29.16 dBm	-16.16 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.63 dBm	-16.63 dB

Date: 21.MAR.2025 10:50:28

Lowest Band Edge / Full RB

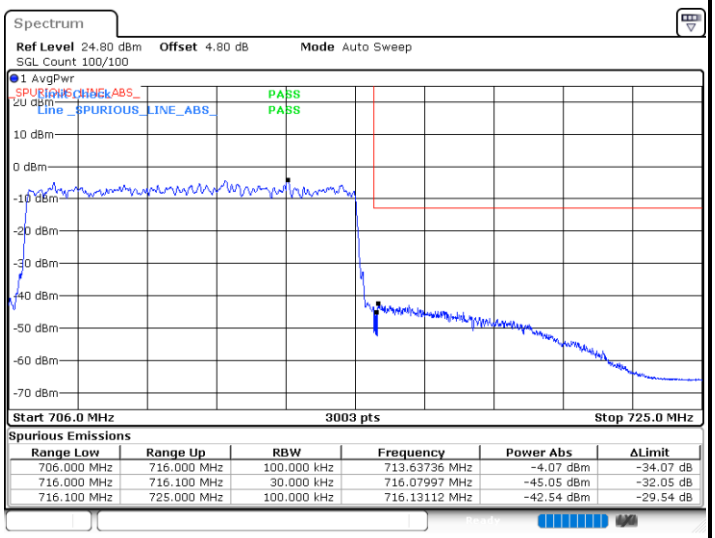


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-36.78 dBm	-23.78 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98237 MHz	-40.64 dBm	-27.64 dB
699.000 MHz	709.000 MHz	100.000 kHz	704.18981 MHz	0.44 dBm	-29.56 dB

Date: 21.MAR.2025 10:42:26

Highest Band Edge / Full RB



Spurious Emissions

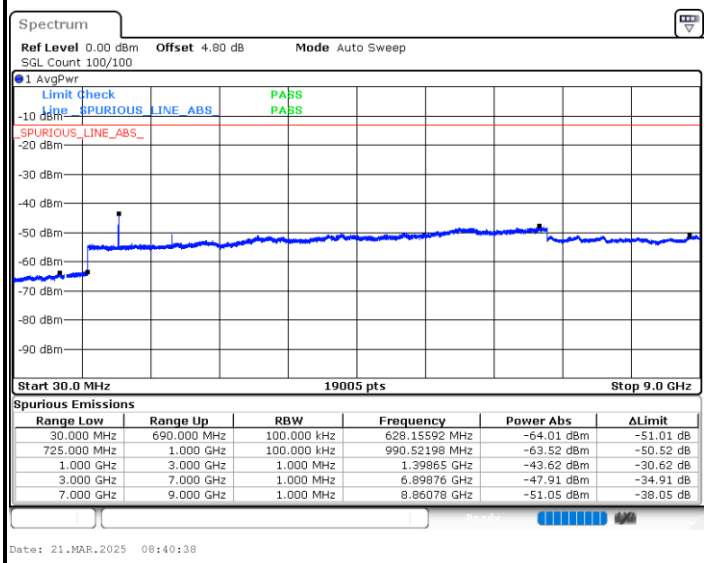
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	713.63736 MHz	-4.07 dBm	-34.07 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.07997 MHz	-45.05 dBm	-32.05 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.13112 MHz	-42.54 dBm	-29.54 dB

Date: 21.MAR.2025 10:51:14

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

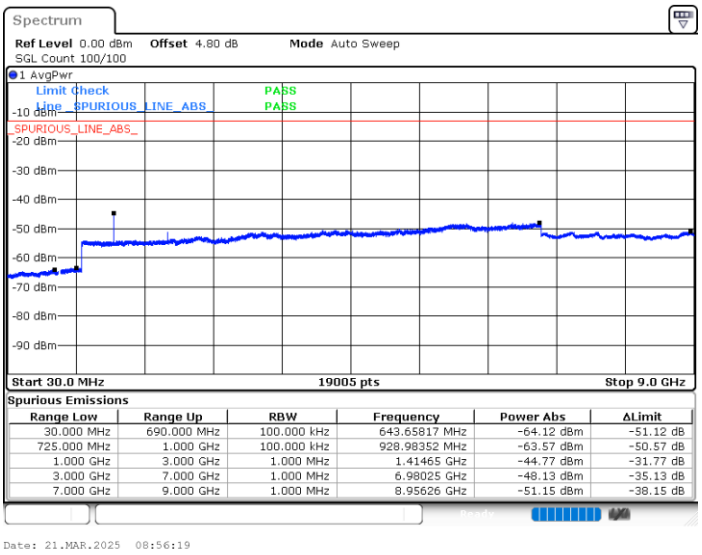


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	628.15592 MHz	-64.01 dBm	-51.01 dB
725.000 MHz	1.000 GHz	100.000 kHz	990.52198 MHz	-63.52 dBm	-50.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-43.62 dBm	-30.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89876 GHz	-47.91 dBm	-34.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.86078 GHz	-51.05 dBm	-38.05 dB

Date: 21.MAR.2025 08:40:38

Middle Channel / QPSK

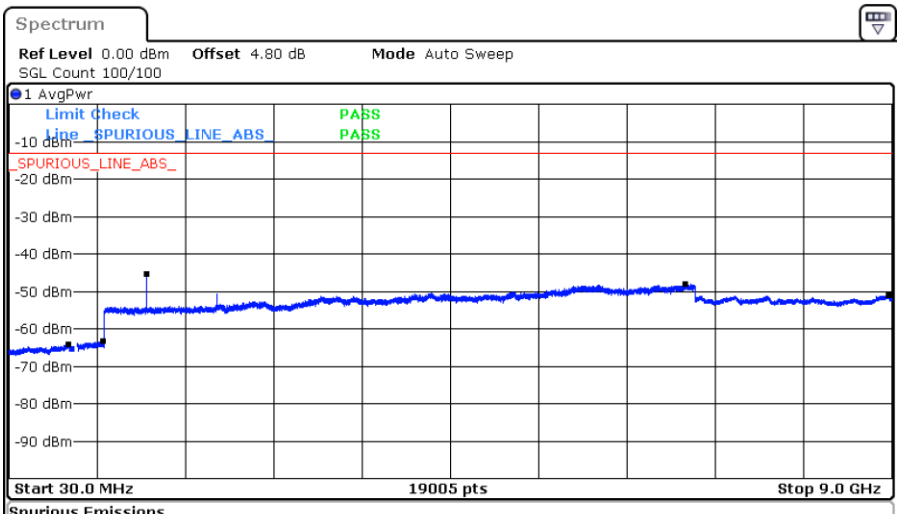


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	643.65817 MHz	-64.12 dBm	-51.12 dB
725.000 MHz	1.000 GHz	100.000 kHz	928.98352 MHz	-63.57 dBm	-50.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41465 GHz	-44.77 dBm	-31.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-48.13 dBm	-35.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.95626 GHz	-51.15 dBm	-38.15 dB

Date: 21.MAR.2025 08:56:19

Highest Channel / QPSK



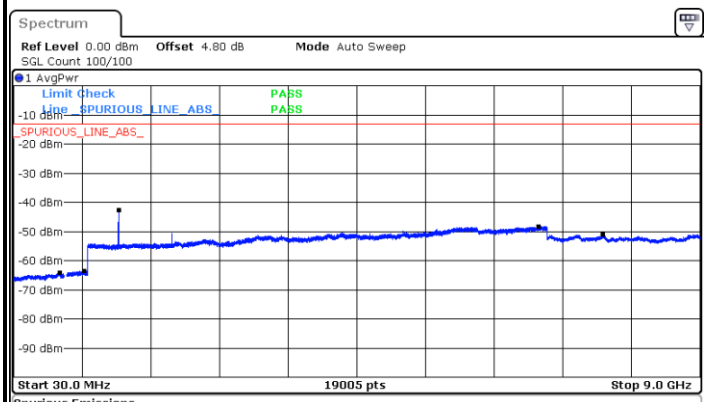
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	628.48576 MHz	-64.13 dBm	-51.13 dB
725.000 MHz	1.000 GHz	100.000 kHz	983.92857 MHz	-63.41 dBm	-50.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.43014 GHz	-45.32 dBm	-32.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89526 GHz	-47.97 dBm	-34.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.96426 GHz	-51.02 dBm	-38.02 dB

Date: 21.MAR.2025 09:15:17

LTE Band 12 / 3MHz

Lowest Channel / QPSK

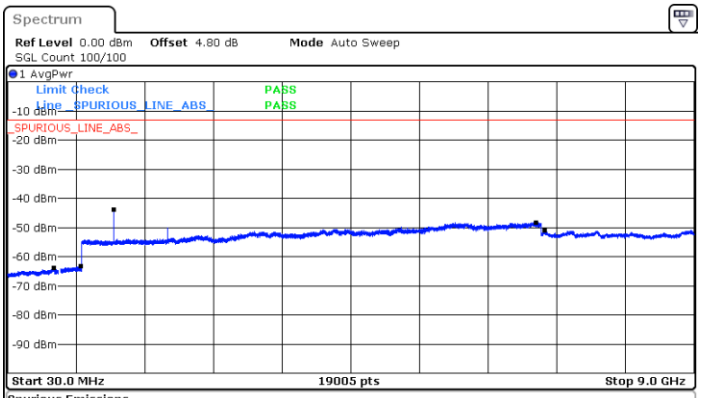


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	634.42279 MHz	-64.25 dBm	-51.25 dB
725.000 MHz	1.000 GHz	100.000 kHz	950.41209 MHz	-63.48 dBm	-50.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-42.62 dBm	-29.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88526 GHz	-48.36 dBm	-35.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.73107 GHz	-51.02 dBm	-38.02 dB

Date: 21.MAR.2025 09:33:07

Middle Channel / QPSK

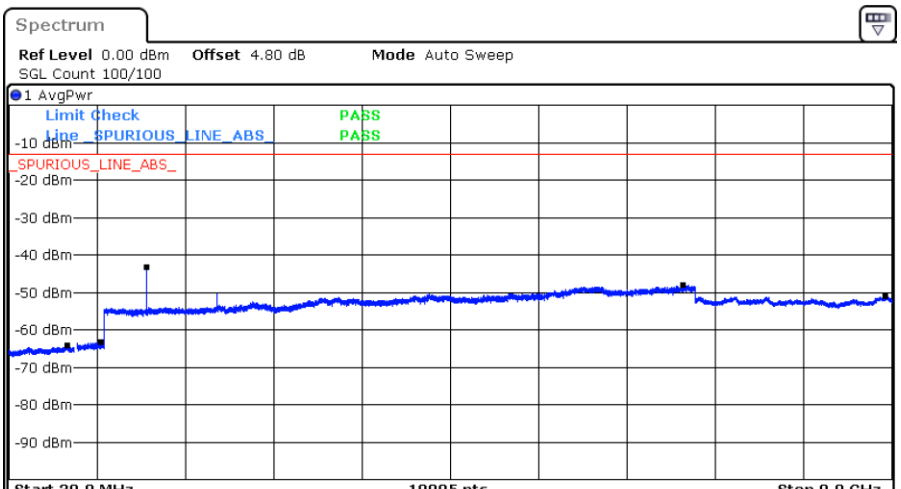


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.79460 MHz	-64.02 dBm	-51.02 dB
725.000 MHz	1.000 GHz	100.000 kHz	978.70879 MHz	-63.37 dBm	-50.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41265 GHz	-43.94 dBm	-30.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93026 GHz	-48.27 dBm	-35.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05074 GHz	-51.10 dBm	-38.10 dB

Date: 21.MAR.2025 09:45:55

Highest Channel / QPSK



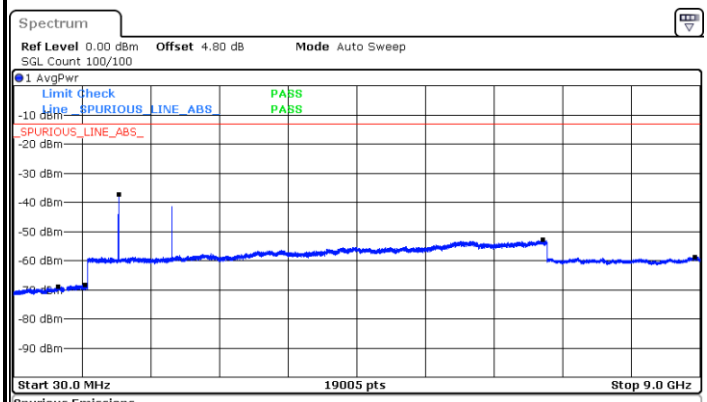
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	616.28186 MHz	-64.10 dBm	-51.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	961.40110 MHz	-63.37 dBm	-50.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42664 GHz	-43.33 dBm	-30.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87977 GHz	-47.99 dBm	-34.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92877 GHz	-51.19 dBm	-38.19 dB

Date: 21.MAR.2025 09:49:58

LTE Band 12 / 5MHz

Lowest Channel / QPSK

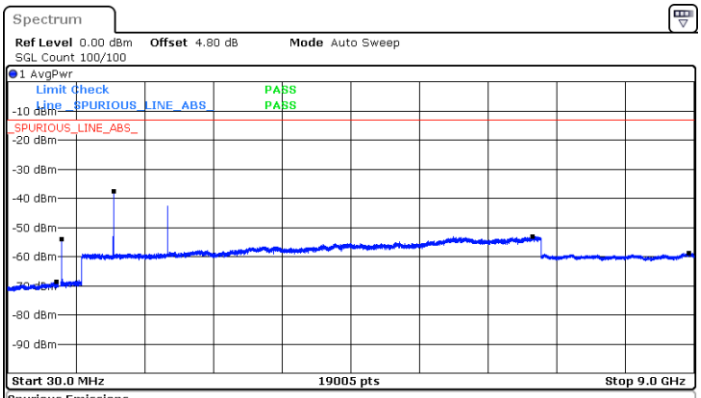


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	607.04648 MHz	-68.86 dBm	-55.86 dB
725.000 MHz	1.000 GHz	100.000 kHz	961.67582 MHz	-68.31 dBm	-55.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39915 GHz	-37.38 dBm	-24.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94626 GHz	-52.98 dBm	-39.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93727 GHz	-58.75 dBm	-45.75 dB

Date: 21.MAR.2025 10:06:11

Middle Channel / QPSK

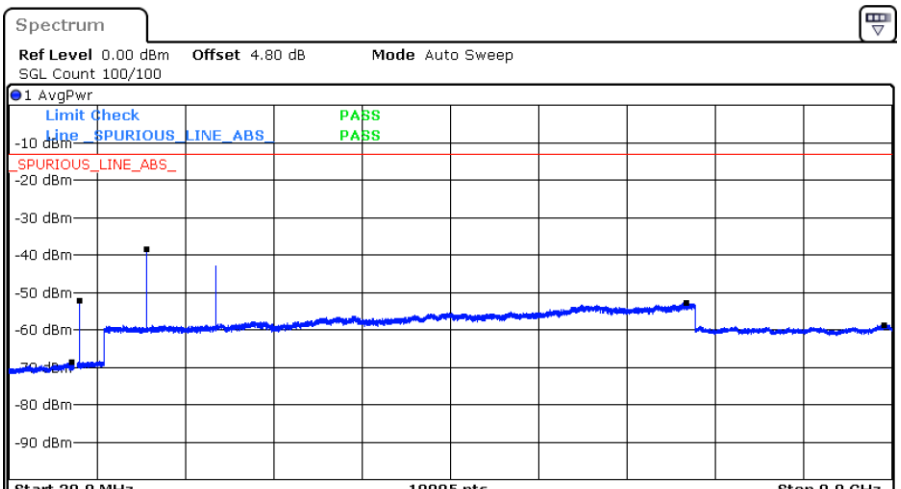


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	660.47976 MHz	-68.80 dBm	-55.80 dB
725.000 MHz	1.000 GHz	100.000 kHz	738.87363 MHz	-54.15 dBm	-41.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-37.64 dBm	-24.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88726 GHz	-53.05 dBm	-40.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93027 GHz	-58.67 dBm	-45.67 dB

Date: 21.MAR.2025 10:26:40

Highest Channel / QPSK



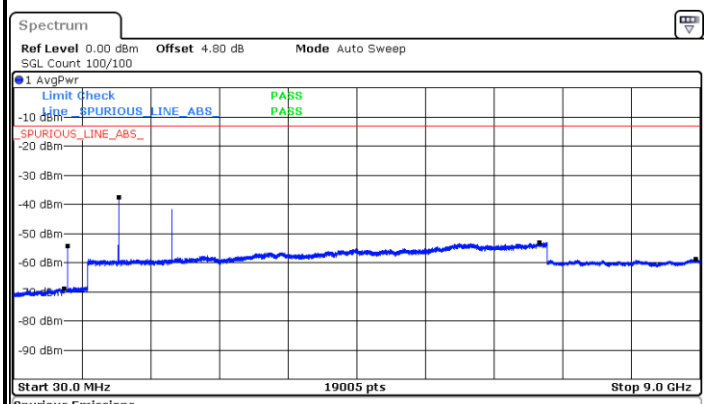
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	666.41679 MHz	-68.73 dBm	-55.73 dB
725.000 MHz	1.000 GHz	100.000 kHz	743.26923 MHz	-52.21 dBm	-39.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-38.56 dBm	-25.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91576 GHz	-52.73 dBm	-39.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92227 GHz	-58.76 dBm	-45.76 dB

Date: 21.MAR.2025 10:29:49

LTE Band 12 / 10MHz

Lowest Channel / QPSK

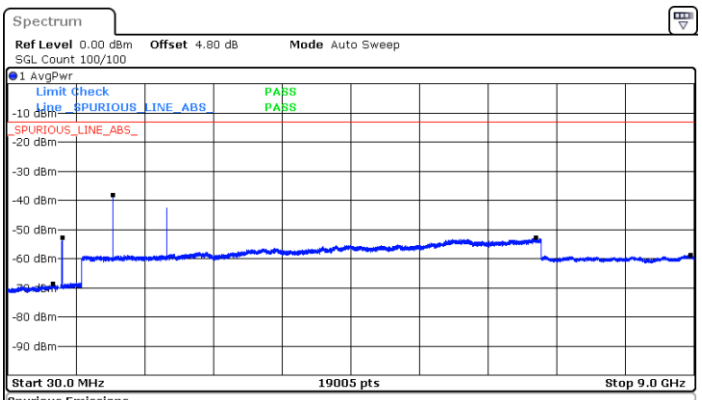


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.83508 MHz	-69.02 dBm	-56.02 dB
725.000 MHz	1.000 GHz	100.000 kHz	738.04945 MHz	-54.40 dBm	-41.40 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39965 GHz	-37.49 dBm	-24.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90426 GHz	-53.09 dBm	-40.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94676 GHz	-58.68 dBm	-45.68 dB

Date: 21.MAR.2025 10:38:31

Middle Channel / QPSK

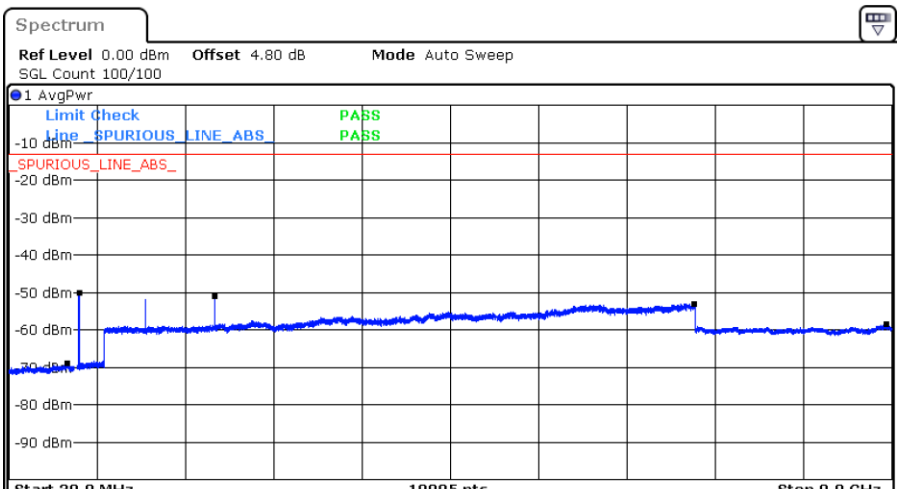


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	625.51724 MHz	-68.57 dBm	-55.57 dB
725.000 MHz	1.000 GHz	100.000 kHz	741.34615 MHz	-52.90 dBm	-39.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40665 GHz	-38.18 dBm	-25.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93826 GHz	-52.93 dBm	-39.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.95526 GHz	-58.80 dBm	-45.80 dB

Date: 21.MAR.2025 10:46:02

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	624.19790 MHz	-69.09 dBm	-56.09 dB
725.000 MHz	1.000 GHz	100.000 kHz	739.97253 MHz	-50.15 dBm	-37.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.11997 GHz	-51.07 dBm	-38.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-53.03 dBm	-40.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94526 GHz	-58.65 dBm	-45.65 dB

Date: 21.MAR.2025 10:47:21

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	0.0027	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.81 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.5 V.

2. The frequency fundamental emissions stay within the authorized frequency block.

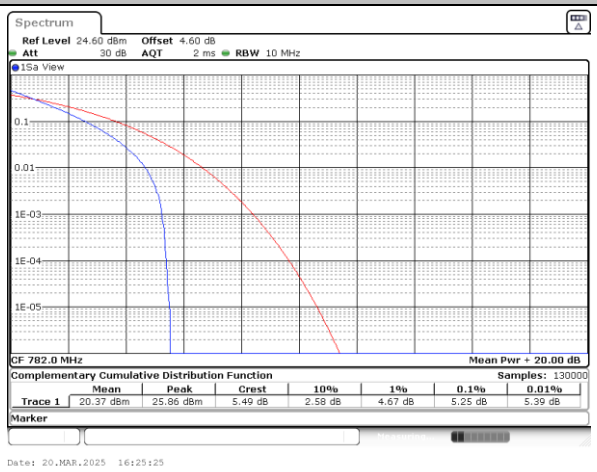
LTE Band 13

Peak-to-Average Ratio

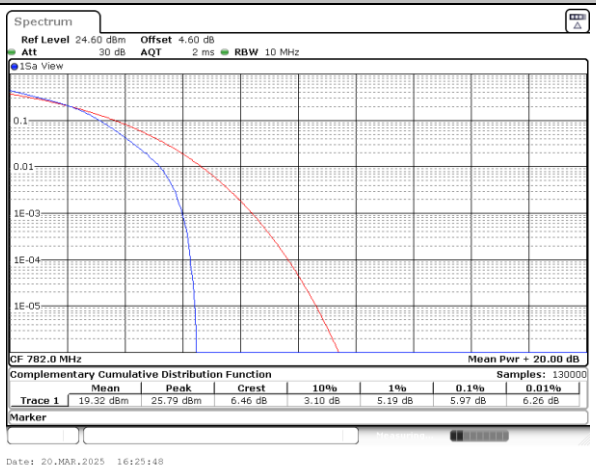
Mode	LTE Band 13 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.25	5.97	6.64	6.96	PASS

LTE Band 13 / 10MHz

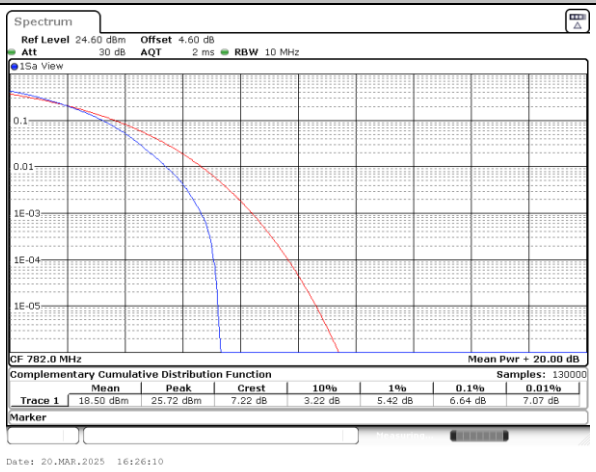
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM



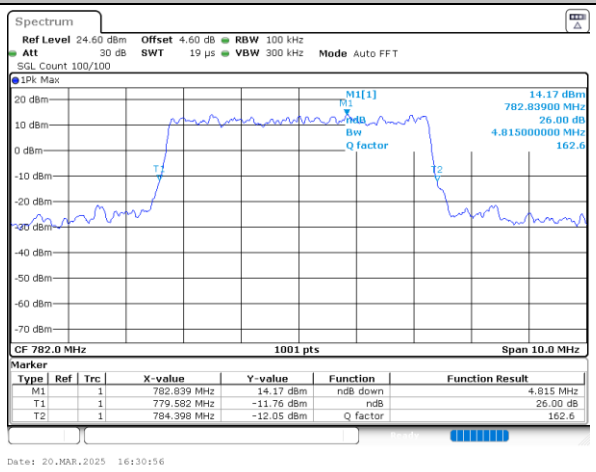
Middle Channel / Full RB/ 256QAM

26dB Bandwidth

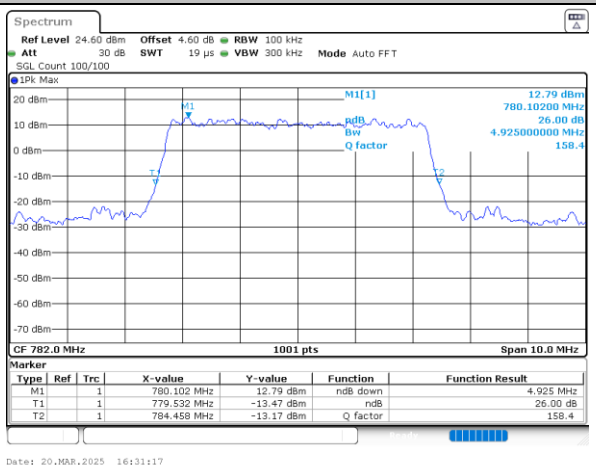
Mode	LTE Band 13 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.82	4.93
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	**9.85**	**9.67**

LTE Band 13

Middle Channel / 5MHz / QPSK

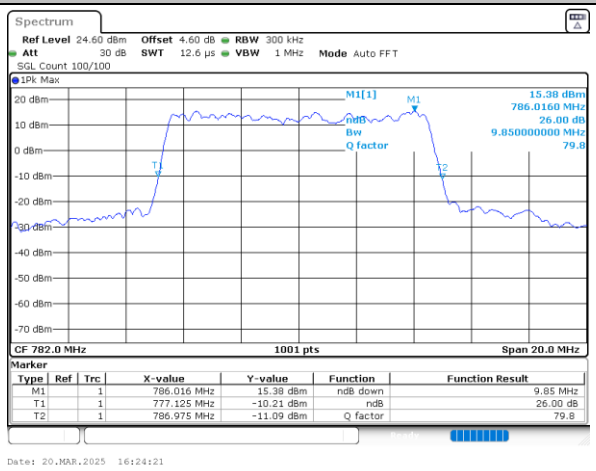


Middle Channel / 5MHz / 16QAM

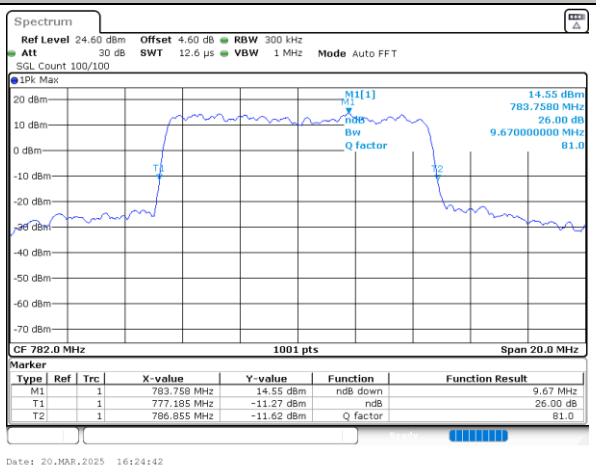


LTE Band 13

Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

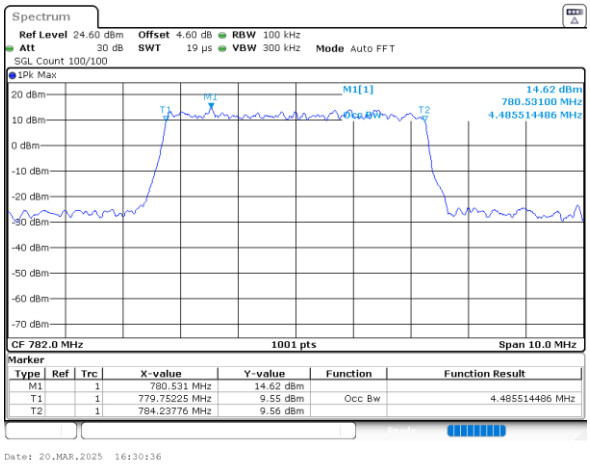


Occupied Bandwidth

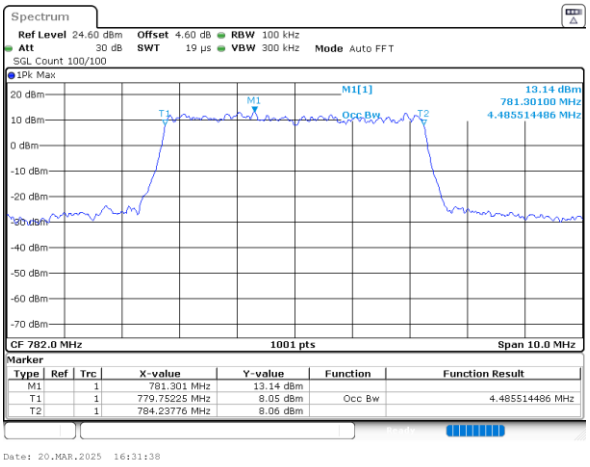
Mode	LTE Band 13 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.49	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.03

LTE Band 13

Middle Channel / 5MHz / QPSK

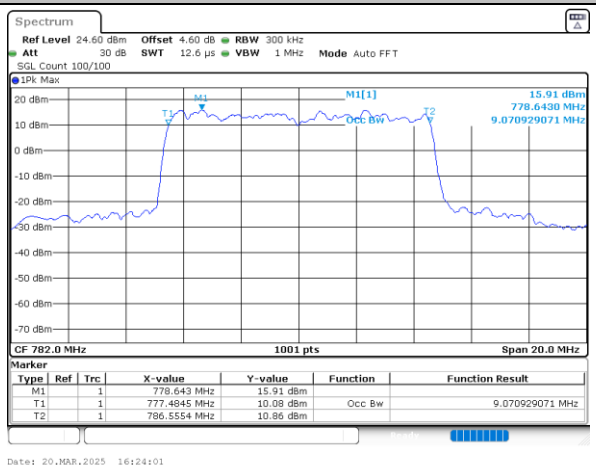


Middle Channel / 5MHz / 16QAM

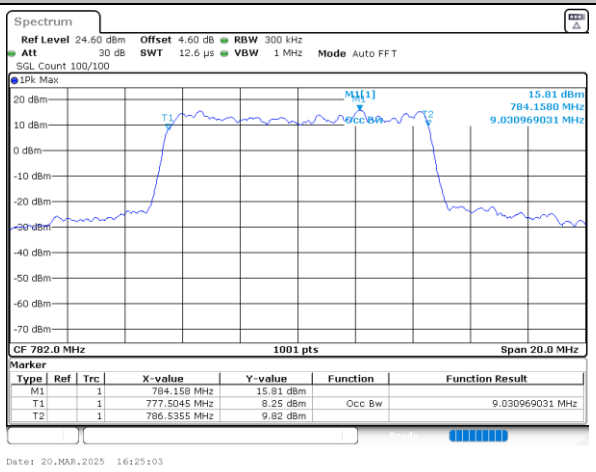


LTE Band 13

Middle Channel / 10MHz / QPSK



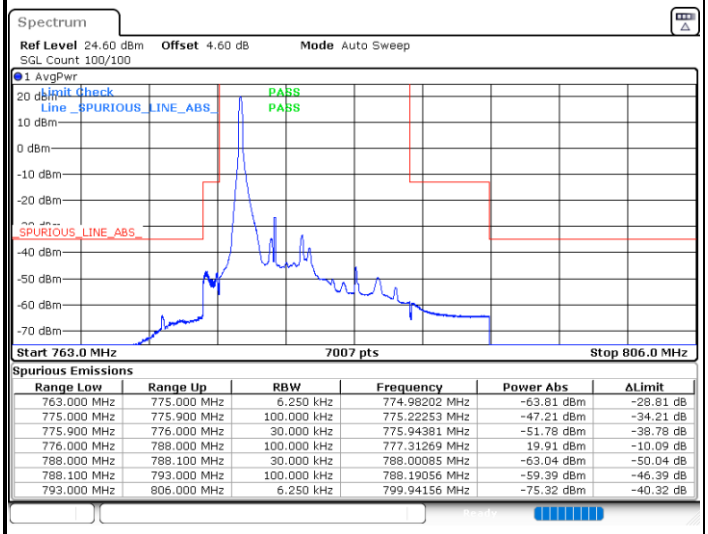
Middle Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

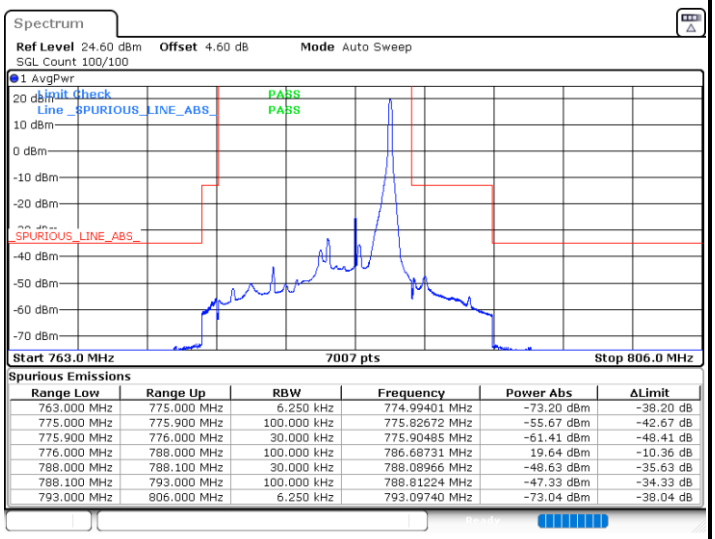


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.98202 MHz	-63.81 dBm	-28.81 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.22253 MHz	-47.21 dBm	-34.21 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94381 MHz	-51.78 dBm	-38.78 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.31269 MHz	19.91 dBm	-10.09 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00085 MHz	-63.04 dBm	-50.04 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.19056 MHz	-59.39 dBm	-46.39 dB
793.000 MHz	806.000 MHz	6.250 kHz	799.94156 MHz	-75.32 dBm	-40.32 dB

Date: 20.MAR.2025 15:15:24

Highest Band Edge / 1 RB

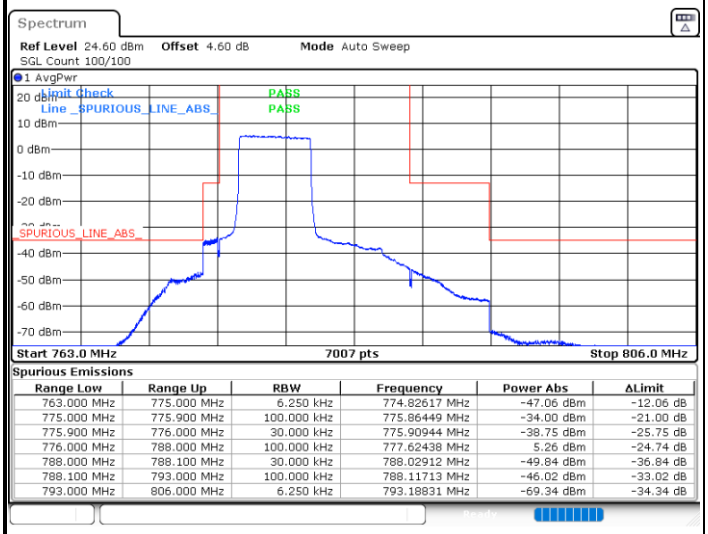


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-73.20 dBm	-38.20 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.82672 MHz	-55.67 dBm	-42.67 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90485 MHz	-61.41 dBm	-48.41 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.68731 MHz	19.64 dBm	-10.36 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08966 MHz	-48.63 dBm	-35.63 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.81224 MHz	-47.33 dBm	-34.33 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.09740 MHz	-73.04 dBm	-38.04 dB

Date: 20.MAR.2025 15:35:50

Lowest Band Edge / Full RB

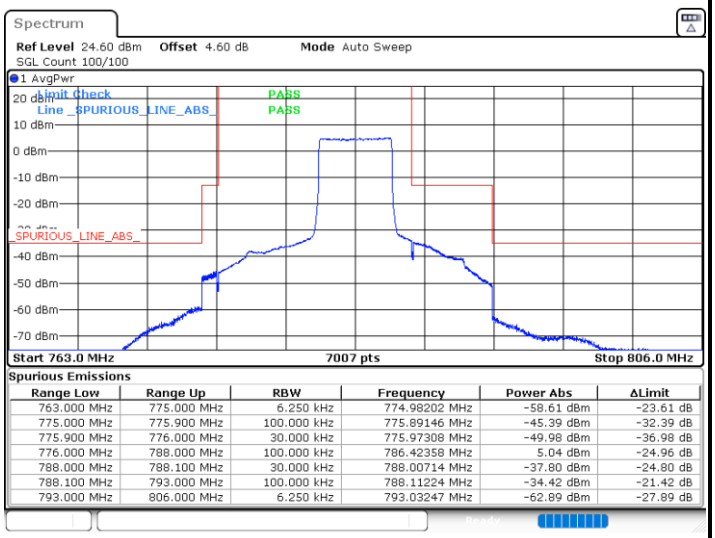


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.82617 MHz	-47.06 dBm	-12.06 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86449 MHz	-34.00 dBm	-21.00 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90944 MHz	-38.75 dBm	-25.75 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.62438 MHz	5.26 dBm	-24.74 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02912 MHz	-49.84 dBm	-36.84 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11713 MHz	-46.02 dBm	-33.02 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.18831 MHz	-69.34 dBm	-34.34 dB

Date: 20.MAR.2025 15:22:44

Highest Band Edge / Full RB



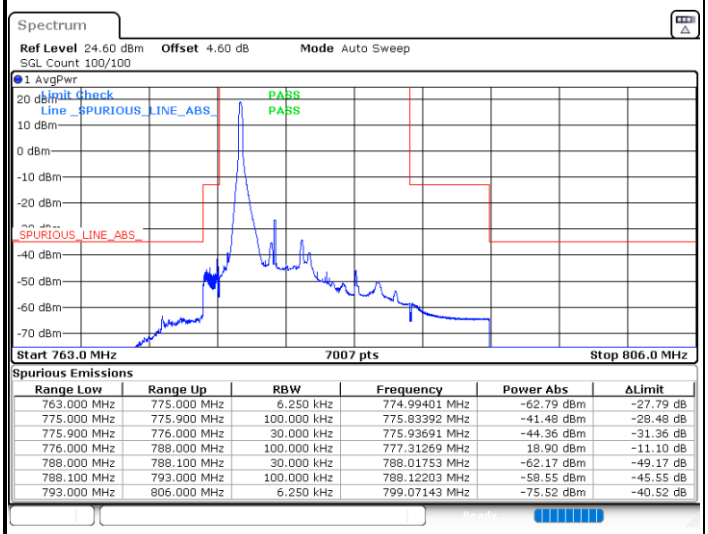
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.98202 MHz	-58.61 dBm	-23.61 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89146 MHz	-45.39 dBm	-32.39 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97308 MHz	-49.98 dBm	-36.98 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.42358 MHz	5.04 dBm	-24.96 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00714 MHz	-37.80 dBm	-24.80 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-34.42 dBm	-21.42 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.03247 MHz	-62.89 dBm	-27.89 dB

Date: 20.MAR.2025 15:43:13

LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1RB

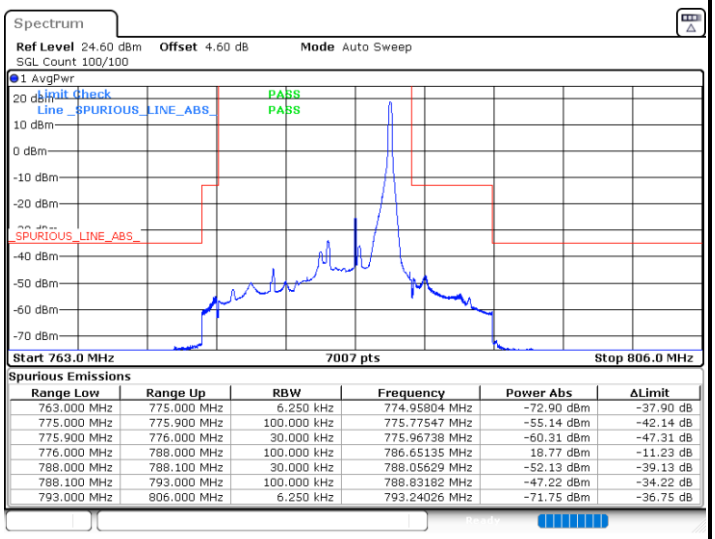


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-62.79 dBm	-27.79 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.83392 MHz	-41.48 dBm	-28.48 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93691 MHz	-44.36 dBm	-31.36 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.31269 MHz	18.90 dBm	-11.10 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01753 MHz	-62.17 dBm	-49.17 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-58.55 dBm	-45.55 dB
793.000 MHz	806.000 MHz	6.250 kHz	799.07143 MHz	-75.52 dBm	-40.52 dB

Date: 20.MAR.2025 15:17:14

Highest Band Edge / 1 RB

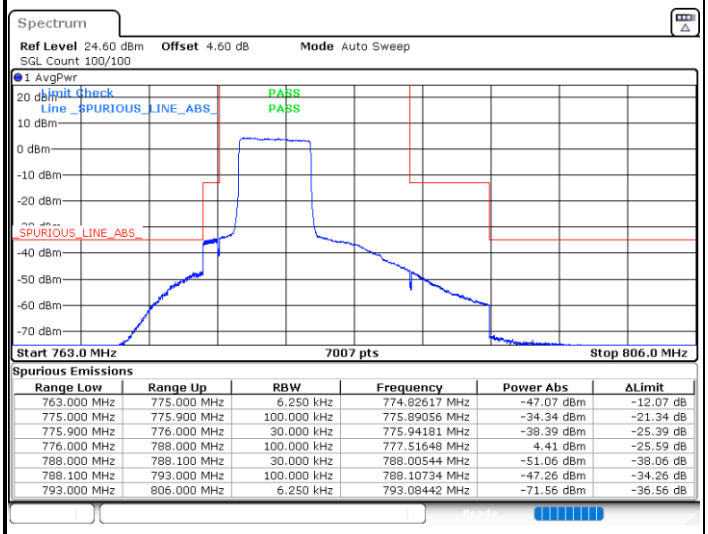


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.95804 MHz	-72.90 dBm	-37.90 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.77547 MHz	-55.14 dBm	-42.14 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96738 MHz	-60.31 dBm	-47.31 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.65135 MHz	18.77 dBm	-11.23 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.05629 MHz	-52.13 dBm	-39.13 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.83182 MHz	-47.22 dBm	-34.22 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.24026 MHz	-71.75 dBm	-36.75 dB

Date: 20.MAR.2025 15:37:43

Lowest Band Edge / Full RB

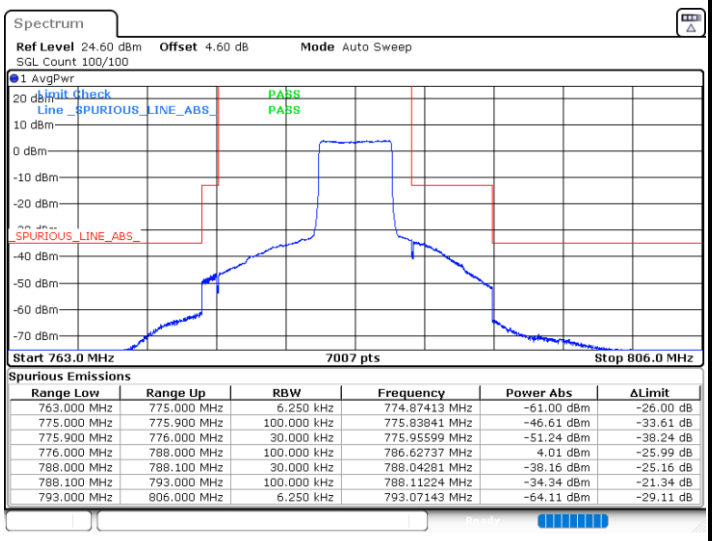


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.82617 MHz	-47.07 dBm	-12.07 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89056 MHz	-34.34 dBm	-21.34 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94181 MHz	-38.39 dBm	-25.39 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.51648 MHz	4.41 dBm	-25.59 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00544 MHz	-51.06 dBm	-38.06 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10734 MHz	-47.26 dBm	-34.26 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.08442 MHz	-71.56 dBm	-36.56 dB

Date: 20.MAR.2025 15:24:34

Highest Band Edge / Full RB



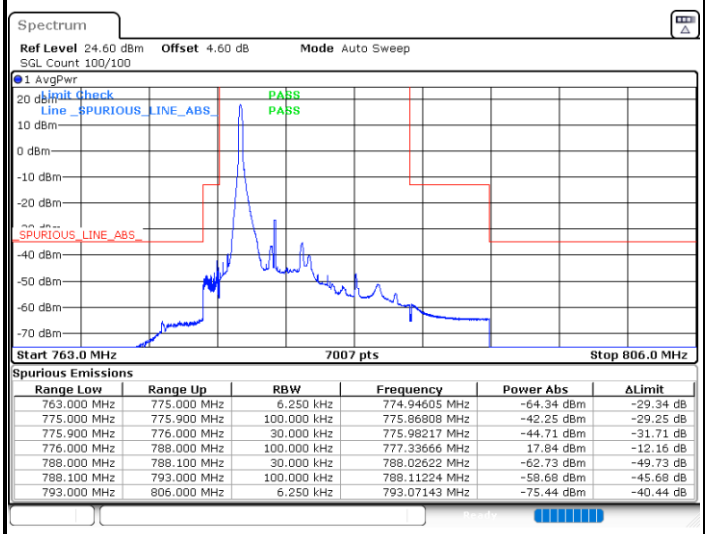
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.87413 MHz	-61.00 dBm	-26.00 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.83841 MHz	-46.61 dBm	-33.61 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95599 MHz	-51.24 dBm	-38.24 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	4.01 dBm	-25.99 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04281 MHz	-38.16 dBm	-25.16 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-34.34 dBm	-21.34 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.07143 MHz	-64.11 dBm	-29.11 dB

Date: 20.MAR.2025 15:45:03

LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1RB

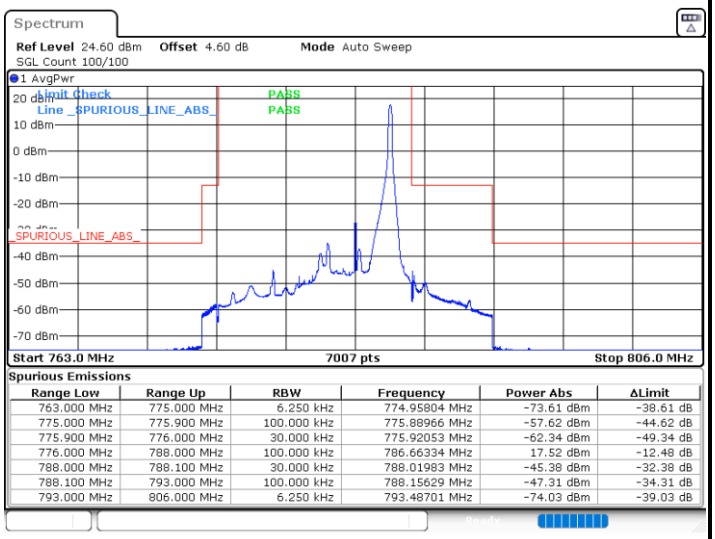


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-64.34 dBm	-29.34 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86808 MHz	-42.25 dBm	-29.25 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98217 MHz	-44.71 dBm	-31.71 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.33666 MHz	17.84 dBm	-12.16 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02622 MHz	-62.73 dBm	-49.73 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-58.68 dBm	-45.68 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.07143 MHz	-75.44 dBm	-40.44 dB

Date: 20.MAR.2025 15:19:04

Highest Band Edge / 1 RB

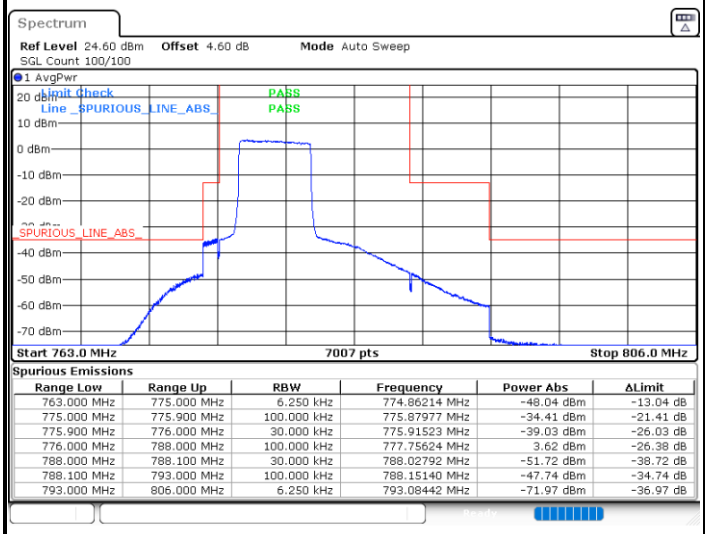


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.95804 MHz	-73.61 dBm	-38.61 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.88966 MHz	-57.62 dBm	-44.62 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92053 MHz	-62.34 dBm	-49.34 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.66334 MHz	17.52 dBm	-12.48 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01983 MHz	-45.38 dBm	-32.38 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.15629 MHz	-47.31 dBm	-34.31 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.48701 MHz	-74.03 dBm	-39.03 dB

Date: 20.MAR.2025 15:39:33

Lowest Band Edge / Full RB

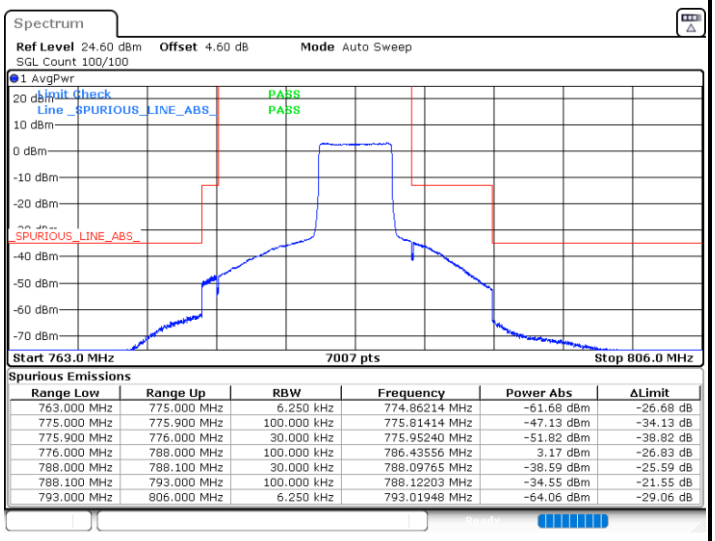


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.86214 MHz	-48.04 dBm	-13.04 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87977 MHz	-34.41 dBm	-21.41 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91523 MHz	-39.03 dBm	-26.03 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.75624 MHz	3.62 dBm	-26.38 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02792 MHz	-51.72 dBm	-38.72 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.15140 MHz	-47.74 dBm	-34.74 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.08442 MHz	-71.97 dBm	-36.97 dB

Date: 20.MAR.2025 15:26:25

Highest Band Edge / Full RB



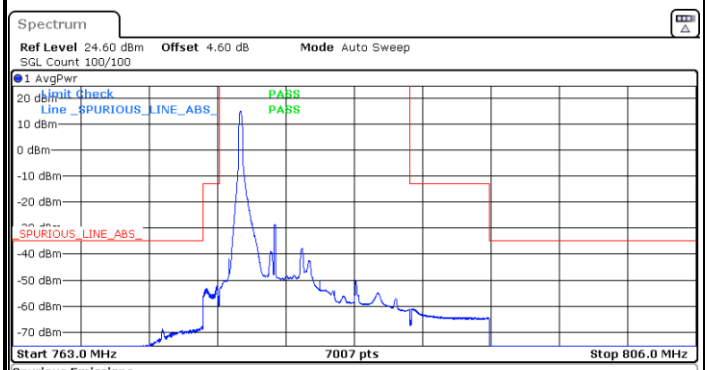
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.86214 MHz	-61.68 dBm	-26.68 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.81414 MHz	-47.13 dBm	-34.13 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95240 MHz	-51.82 dBm	-38.82 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.43556 MHz	3.17 dBm	-26.83 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09765 MHz	-38.59 dBm	-25.59 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-34.55 dBm	-21.55 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.01948 MHz	-64.06 dBm	-29.06 dB

Date: 20.MAR.2025 15:46:53

LTE Band 13 / 5MHz / 256QAM

Lowest Band Edge / 1RB

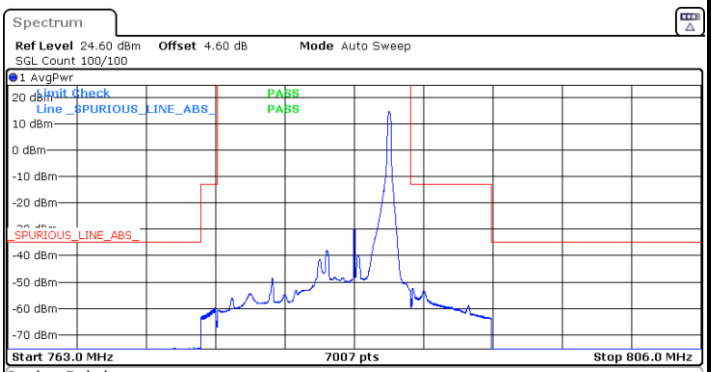


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.93407 MHz	-67.75 dBm	-32.75 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89146 MHz	-51.88 dBm	-38.88 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92163 MHz	-55.88 dBm	-42.88 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.34865 MHz	14.96 dBm	-15.04 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06928 MHz	-65.32 dBm	-52.32 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-61.03 dBm	-48.03 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.05844 MHz	-75.58 dBm	-40.58 dB

Date: 20.MAR.2025 15:20:54

Highest Band Edge / 1 RB

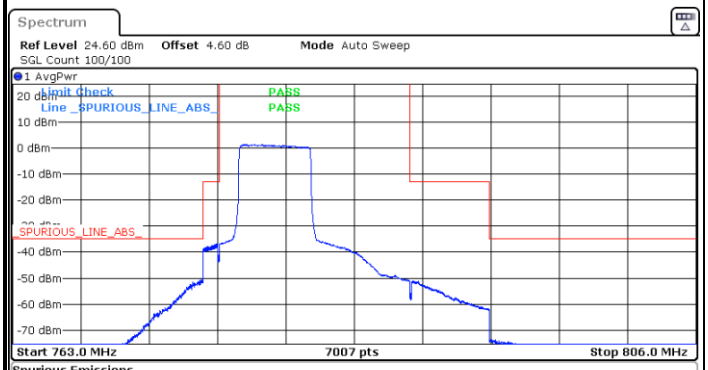


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.98202 MHz	-74.75 dBm	-39.75 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86628 MHz	-59.85 dBm	-46.85 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95460 MHz	-64.75 dBm	-51.75 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.67532 MHz	14.77 dBm	-15.23 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06658 MHz	-56.31 dBm	-43.31 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11713 MHz	-52.36 dBm	-39.36 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.07143 MHz	-75.29 dBm	-40.29 dB

Date: 20.MAR.2025 15:41:23

Lowest Band Edge / Full RB

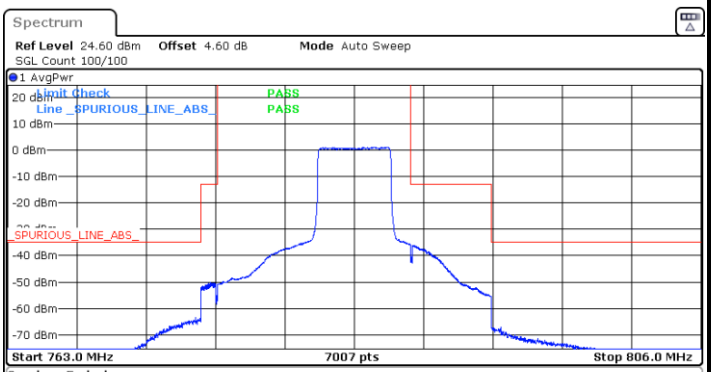


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.88611 MHz	-50.59 dBm	-15.59 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86718 MHz	-36.94 dBm	-23.94 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95669 MHz	-41.25 dBm	-28.25 dB
776.000 MHz	788.000 MHz	100.000 kHz	778.16384 MHz	1.34 dBm	-28.66 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09426 MHz	-55.67 dBm	-42.67 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-51.15 dBm	-38.15 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.16234 MHz	-73.84 dBm	-38.84 dB

Date: 20.MAR.2025 15:28:15

Highest Band Edge / Full RB



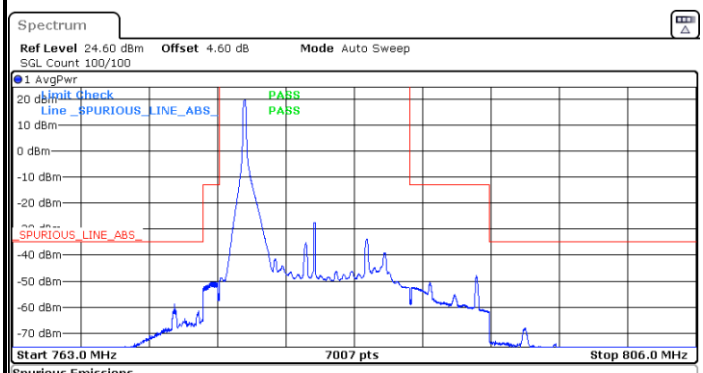
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.67033 MHz	-63.29 dBm	-28.29 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.56958 MHz	-50.27 dBm	-37.27 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97937 MHz	-55.13 dBm	-42.13 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.61538 MHz	1.09 dBm	-28.91 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09945 MHz	-40.51 dBm	-27.51 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12203 MHz	-36.04 dBm	-23.04 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.56494 MHz	-67.24 dBm	-32.24 dB

Date: 20.MAR.2025 15:48:43

LTE Band 13 / 10MHz / QPSK

middle Band Edge / 1 RB

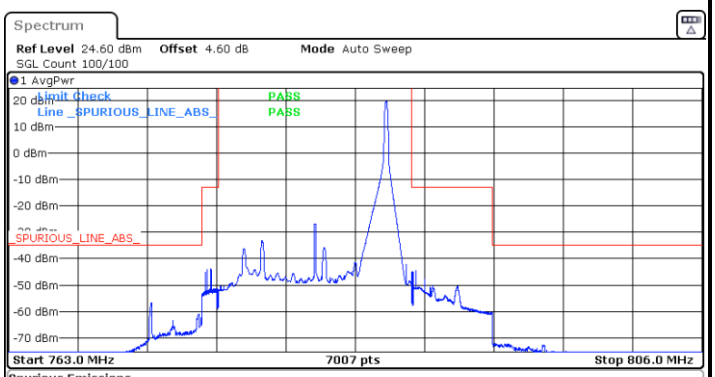


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.19580 MHz	-58.63 dBm	-23.63 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.47607 MHz	-50.32 dBm	-37.32 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93312 MHz	-54.77 dBm	-41.77 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.58841 MHz	19.61 dBm	-10.39 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07058 MHz	-56.96 dBm	-43.96 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.18007 MHz	-47.77 dBm	-34.77 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.21429 MHz	-67.94 dBm	-32.94 dB

Date: 20.MAR.2025 16:03:36

middle Band Edge / 1 RB

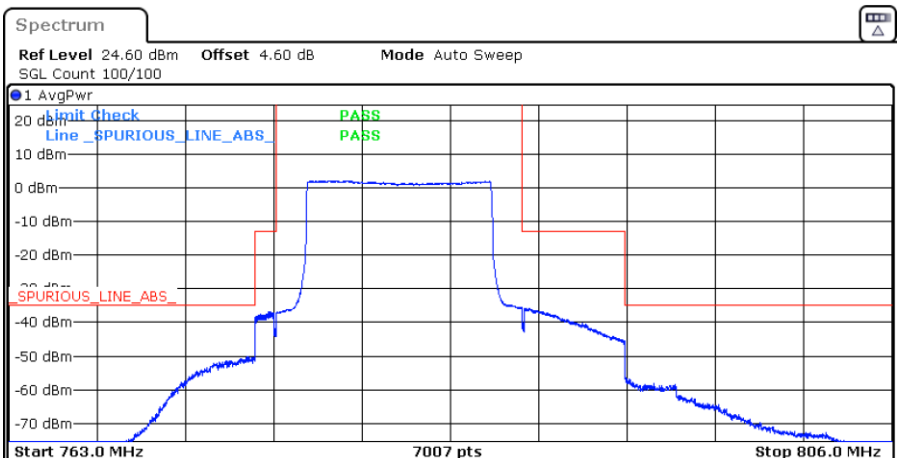


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.84116 MHz	-56.70 dBm	-21.70 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.53631 MHz	-43.89 dBm	-30.89 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94820 MHz	-51.57 dBm	-38.57 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	19.58 dBm	-10.42 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03352 MHz	-44.92 dBm	-31.92 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.24930 MHz	-44.63 dBm	-31.63 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.17532 MHz	-72.01 dBm	-37.01 dB

Date: 20.MAR.2025 16:18:11

Middle Band Edge / Full RB



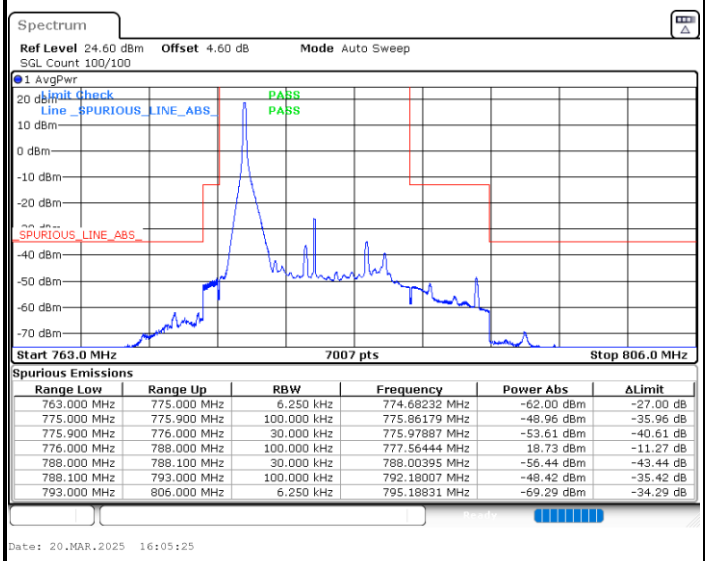
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.57443 MHz	-50.22 dBm	-15.22 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.65679 MHz	-36.95 dBm	-23.95 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90135 MHz	-41.48 dBm	-28.48 dB
776.000 MHz	788.000 MHz	100.000 kHz	778.60739 MHz	2.16 dBm	-27.84 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00215 MHz	-40.02 dBm	-27.02 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.36189 MHz	-35.90 dBm	-22.90 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.04545 MHz	-56.41 dBm	-21.41 dB

Date: 20.MAR.2025 16:10:53

LTE Band 13 / 10MHz / 16QAM

middle Band Edge / 1 RB

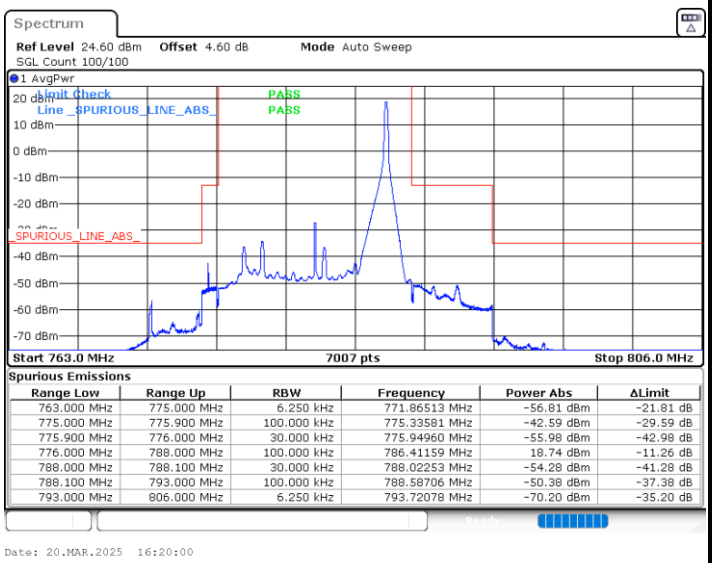


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.68232 MHz	-62.00 dBm	-27.00 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86179 MHz	-48.96 dBm	-35.96 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97887 MHz	-53.61 dBm	-40.61 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.56444 MHz	18.73 dBm	-11.27 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00395 MHz	-56.44 dBm	-43.44 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.18007 MHz	-48.42 dBm	-35.42 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.18831 MHz	-69.29 dBm	-34.29 dB

Date: 20.MAR.2025 16:05:25

middle Band Edge / 1 RB

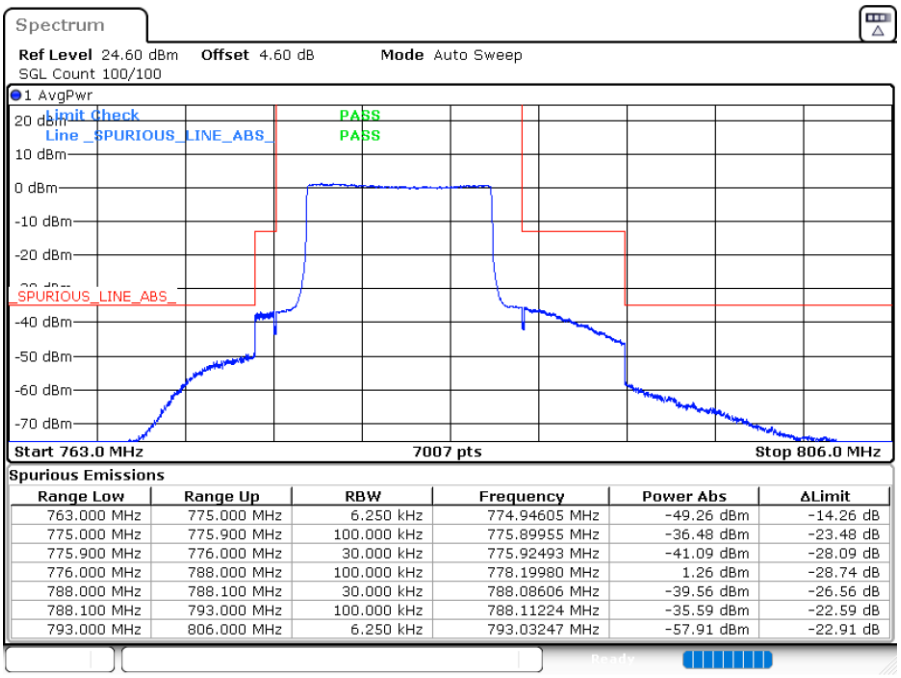


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.86513 MHz	-56.81 dBm	-21.81 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.33581 MHz	-42.59 dBm	-29.59 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.94960 MHz	-55.98 dBm	-42.98 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.41159 MHz	18.74 dBm	-11.26 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02253 MHz	-54.28 dBm	-41.28 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.58706 MHz	-50.38 dBm	-37.38 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.72078 MHz	-70.20 dBm	-35.20 dB

Date: 20.MAR.2025 16:20:00

middle Band Edge / Full RB



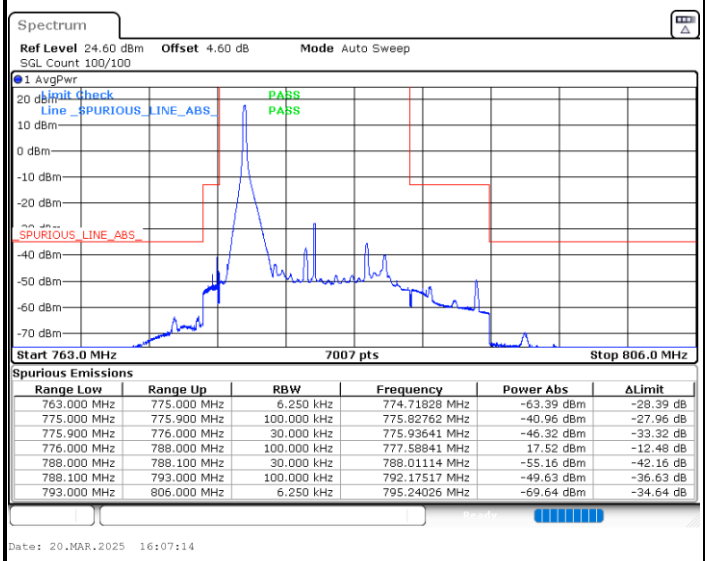
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-49.26 dBm	-14.26 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89955 MHz	-36.48 dBm	-23.48 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92493 MHz	-41.09 dBm	-28.09 dB
776.000 MHz	788.000 MHz	100.000 kHz	778.19980 MHz	1.26 dBm	-28.74 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08606 MHz	-39.56 dBm	-26.56 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-35.59 dBm	-22.59 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.03247 MHz	-57.91 dBm	-22.91 dB

Date: 20.MAR.2025 16:12:42

LTE Band 13 / 10MHz / 64QAM

middle Band Edge / 1 RB

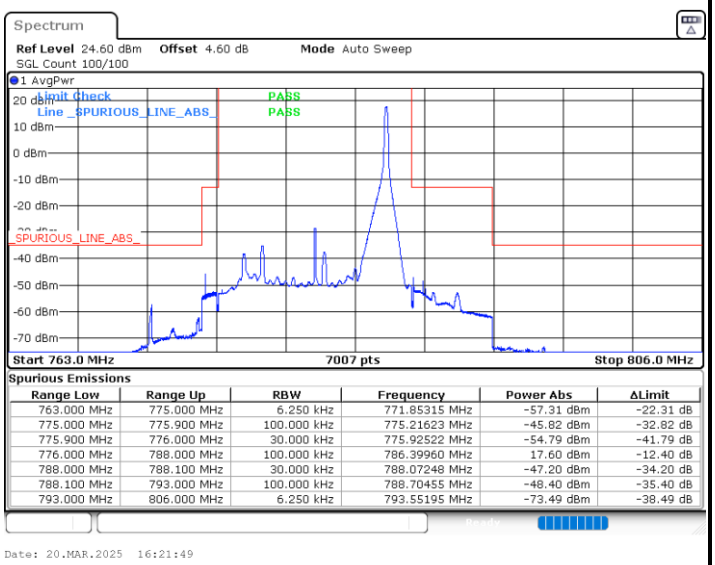


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.71828 MHz	-63.39 dBm	-28.39 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.82762 MHz	-40.96 dBm	-27.96 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93641 MHz	-46.32 dBm	-33.32 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.58841 MHz	17.52 dBm	-12.48 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01114 MHz	-55.16 dBm	-42.16 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.17517 MHz	-49.63 dBm	-36.63 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.24026 MHz	-69.64 dBm	-34.64 dB

Date: 20.MAR.2025 16:07:14

middle Band Edge / 1 RB

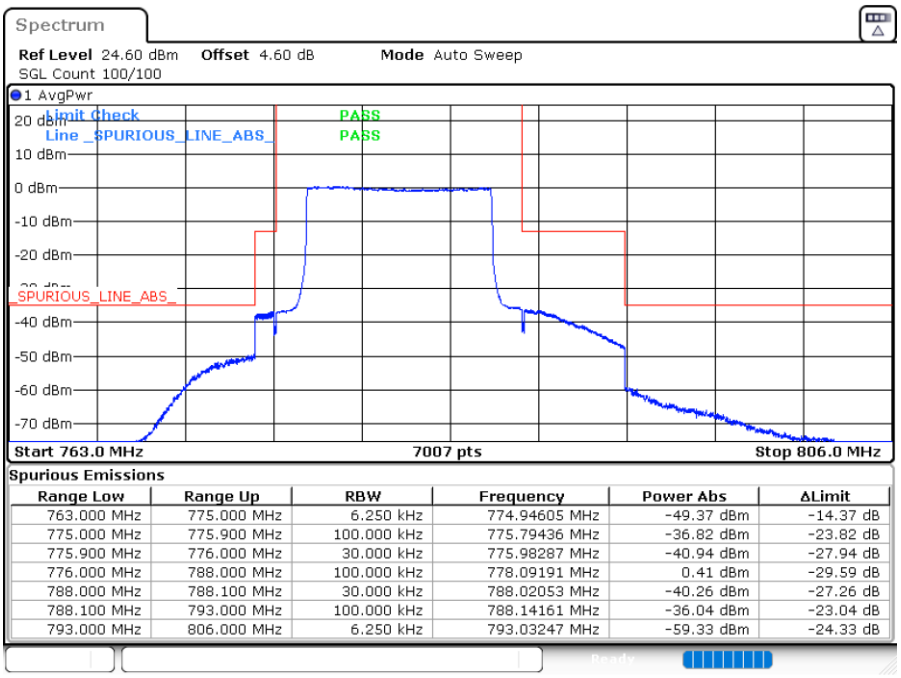


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.85315 MHz	-57.31 dBm	-22.31 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.21623 MHz	-45.82 dBm	-32.82 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92522 MHz	-54.79 dBm	-41.79 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.39960 MHz	17.60 dBm	-12.40 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07248 MHz	-47.20 dBm	-34.20 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.70455 MHz	-48.40 dBm	-35.40 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.55195 MHz	-73.49 dBm	-38.49 dB

Date: 20.MAR.2025 16:21:49

middle Band Edge / Full RB



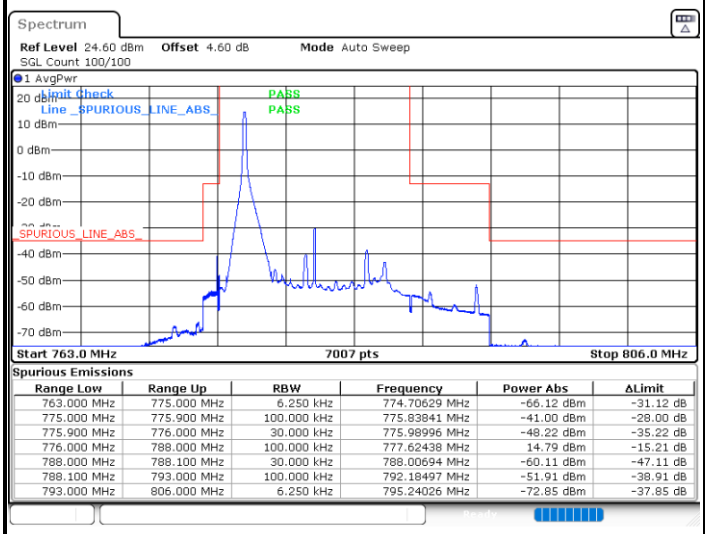
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-49.37 dBm	-14.37 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.79436 MHz	-36.82 dBm	-23.82 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98287 MHz	-40.94 dBm	-27.94 dB
776.000 MHz	788.000 MHz	100.000 kHz	778.09191 MHz	0.41 dBm	-29.59 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.02053 MHz	-40.26 dBm	-27.26 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.14161 MHz	-36.04 dBm	-23.04 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.03247 MHz	-59.33 dBm	-24.33 dB

Date: 20.MAR.2025 16:14:32

LTE Band 13 / 10MHz / 256QAM

middle Band Edge / 1 RB

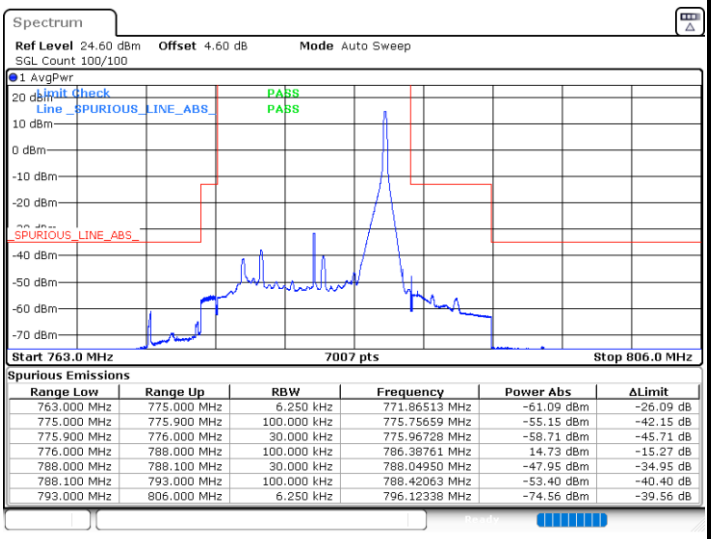


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.70629 MHz	-66.12 dBm	-31.12 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.83841 MHz	-41.00 dBm	-28.00 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98996 MHz	-48.22 dBm	-35.22 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.62438 MHz	14.79 dBm	-15.21 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00694 MHz	-60.11 dBm	-47.11 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.18497 MHz	-51.91 dBm	-38.91 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.24026 MHz	-72.85 dBm	-37.85 dB

Date: 20.MAR.2025 16:09:04

middle Band Edge / 1 RB

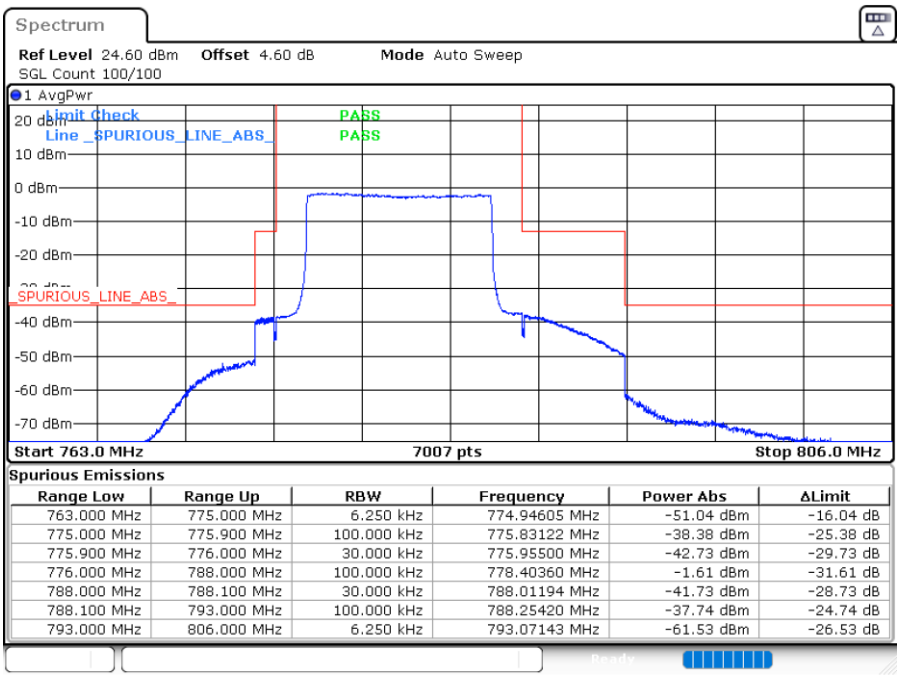


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	771.86513 MHz	-61.09 dBm	-26.09 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.75659 MHz	-55.15 dBm	-42.15 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.96728 MHz	-58.71 dBm	-45.71 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.38761 MHz	14.73 dBm	-15.27 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04950 MHz	-47.95 dBm	-34.95 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.42063 MHz	-53.40 dBm	-40.40 dB
793.000 MHz	806.000 MHz	6.250 kHz	796.12338 MHz	-74.56 dBm	-39.56 dB

Date: 20.MAR.2025 16:23:39

middle Band Edge / Full RB



Spurious Emissions

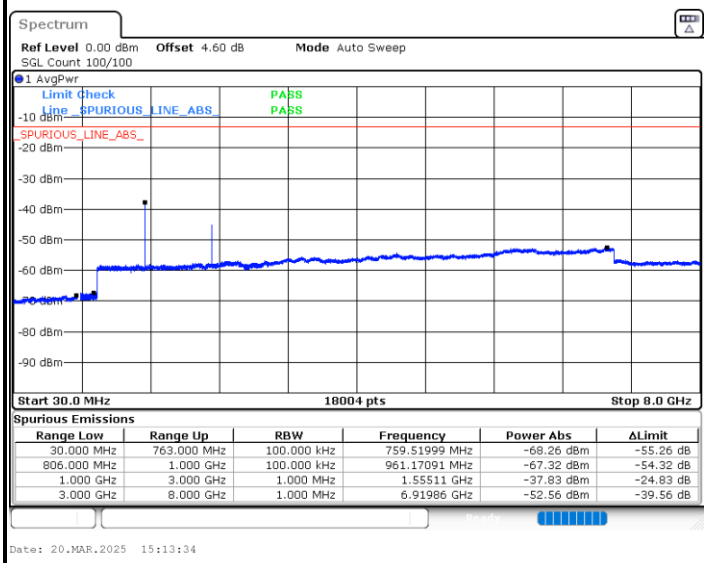
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-51.04 dBm	-16.04 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.83122 MHz	-38.38 dBm	-25.38 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95500 MHz	-42.73 dBm	-29.73 dB
776.000 MHz	788.000 MHz	100.000 kHz	778.40360 MHz	-1.61 dBm	-31.61 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.01194 MHz	-41.73 dBm	-28.73 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.25420 MHz	-37.74 dBm	-24.74 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.07143 MHz	-61.53 dBm	-26.53 dB

Date: 20.MAR.2025 16:16:21

Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

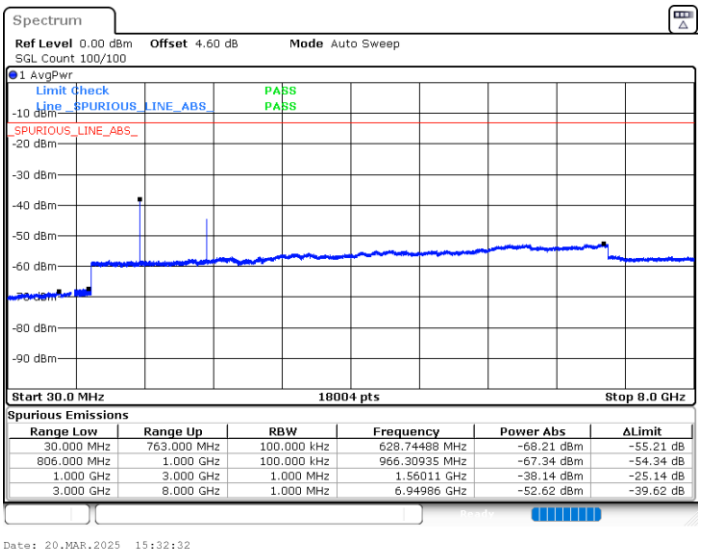


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	759.51999 MHz	-68.26 dBm	-55.26 dB
806.000 MHz	1.000 GHz	100.000 kHz	961.17091 MHz	-67.32 dBm	-54.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-37.83 dBm	-24.83 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.91986 GHz	-52.56 dBm	-39.56 dB

Date: 20.MAR.2025 15:13:34

Middle Channel / QPSK

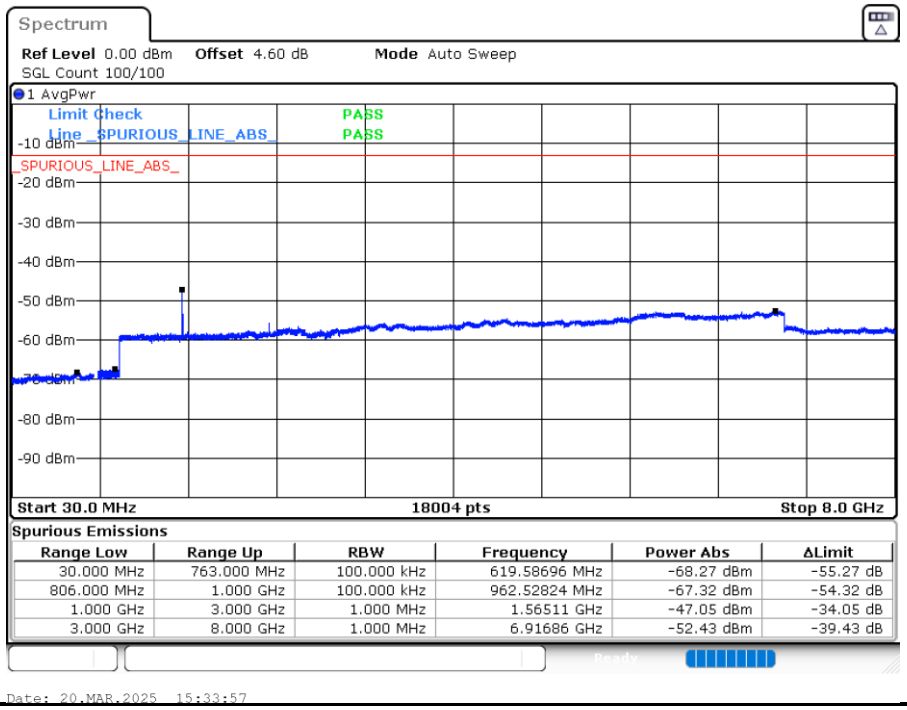


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	628.74488 MHz	-68.21 dBm	-55.21 dB
806.000 MHz	1.000 GHz	100.000 kHz	966.30935 MHz	-67.34 dBm	-54.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-38.14 dBm	-25.14 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94986 GHz	-52.62 dBm	-39.62 dB

Date: 20.MAR.2025 15:32:32

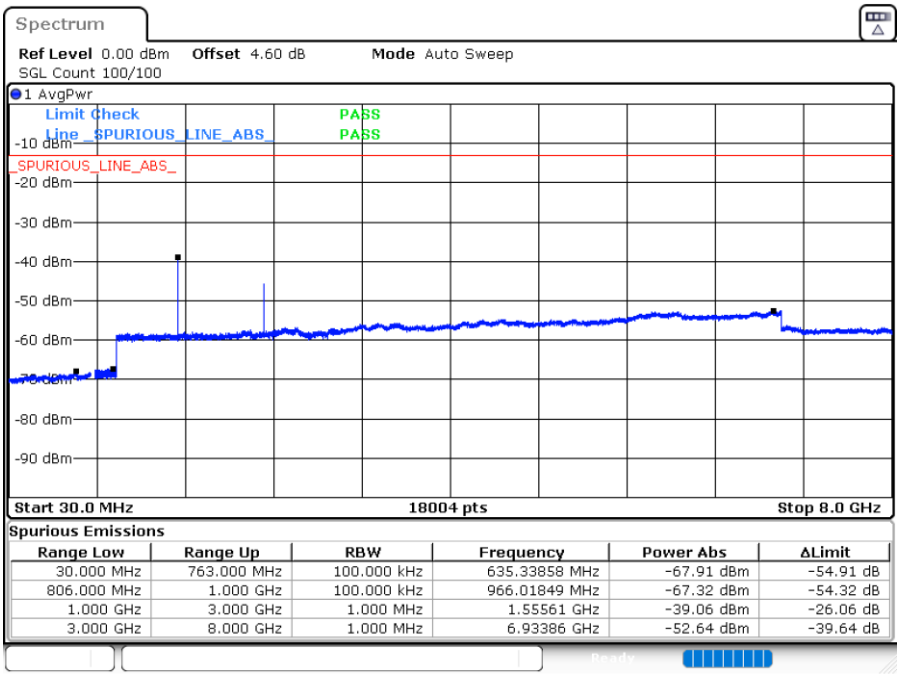
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	619.58696 MHz	-68.27 dBm	-55.27 dB
806.000 MHz	1.000 GHz	100.000 kHz	962.52824 MHz	-67.32 dBm	-54.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-47.05 dBm	-34.05 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.91686 GHz	-52.43 dBm	-39.43 dB

LTE Band 13 / 10MHz
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	635.33858 MHz	-67.91 dBm	-54.91 dB
806.000 MHz	1.000 GHz	100.000 kHz	966.01849 MHz	-67.32 dBm	-54.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-39.06 dBm	-26.06 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.93386 GHz	-52.64 dBm	-39.64 dB

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0046	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.81 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

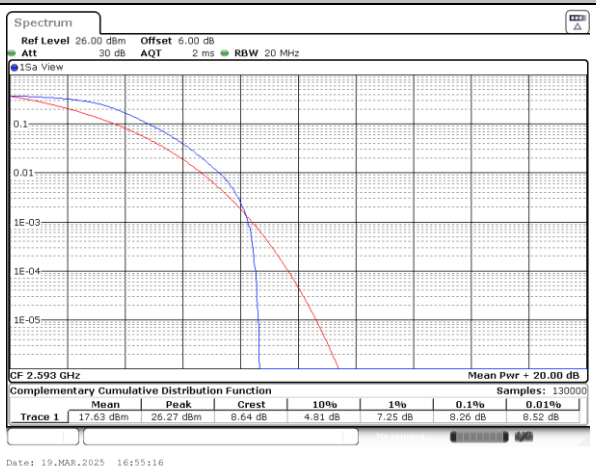
LTE Band 41

Peak-to-Average Ratio

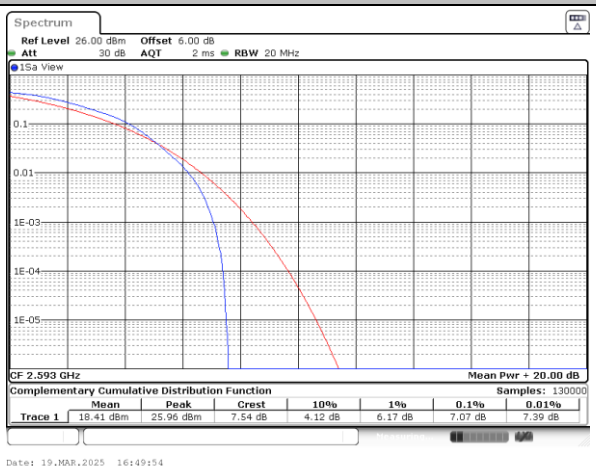
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	8.26	7.07	6.38	6.41	PASS

LTE Band 41 / 20MHz

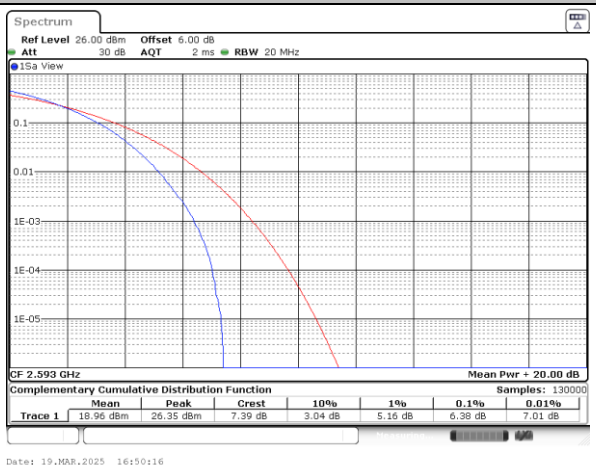
Middle Channel / Full RB / QPSK



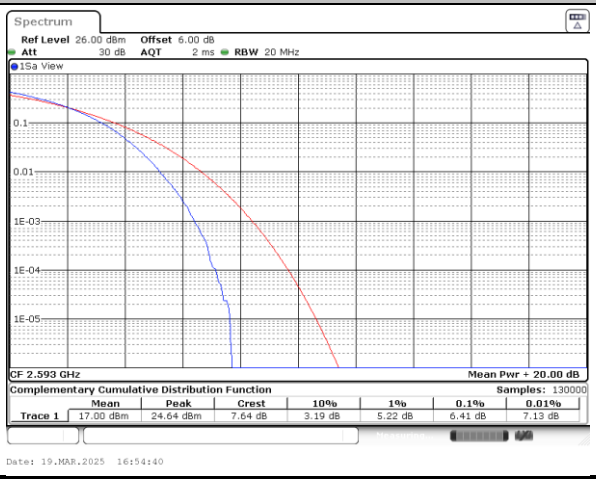
Middle Channel / Full RB / 16QAM



Middle Channel / Full RB / 64QAM

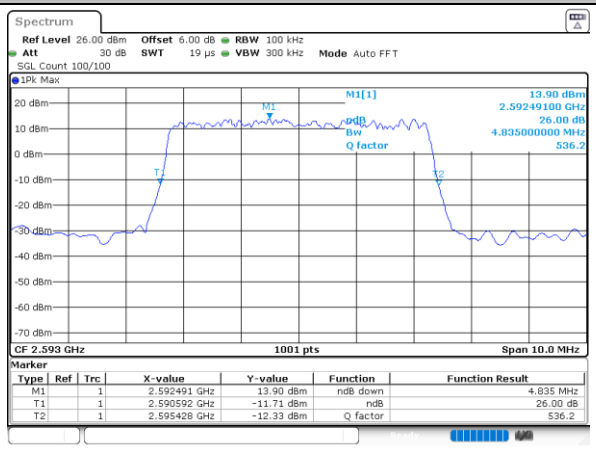
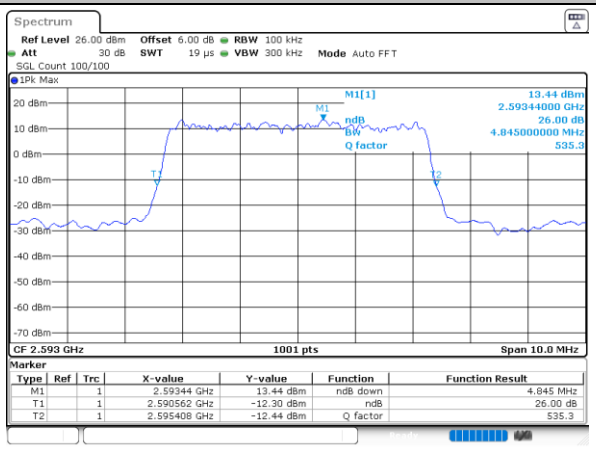


Middle Channel / Full RB / 256QAM



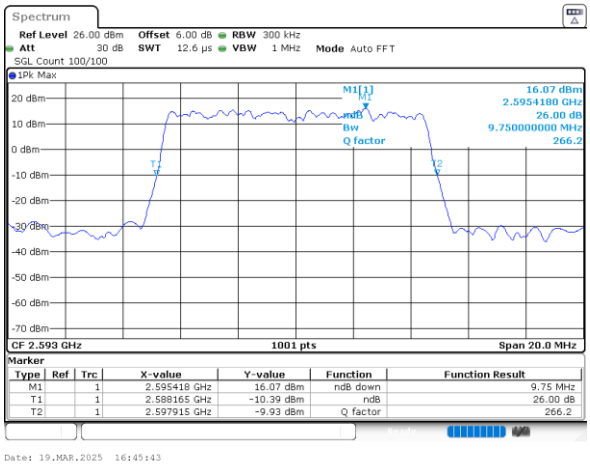
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.84	4.85
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.75	9.71
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.27	14.18
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.74	18.82

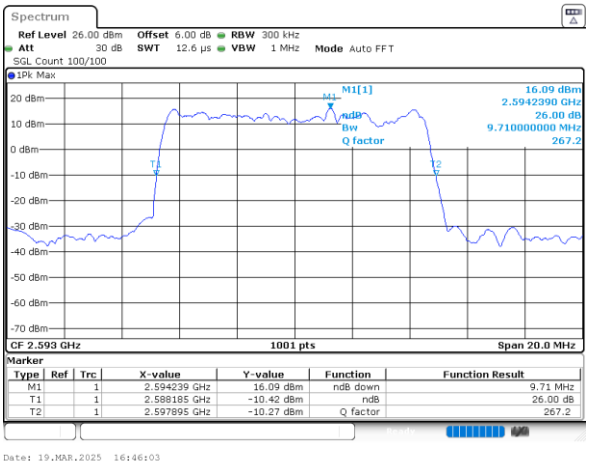
LTE Band 41	
Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM
	

LTE Band 41

Middle Channel / 10MHz / QPSK

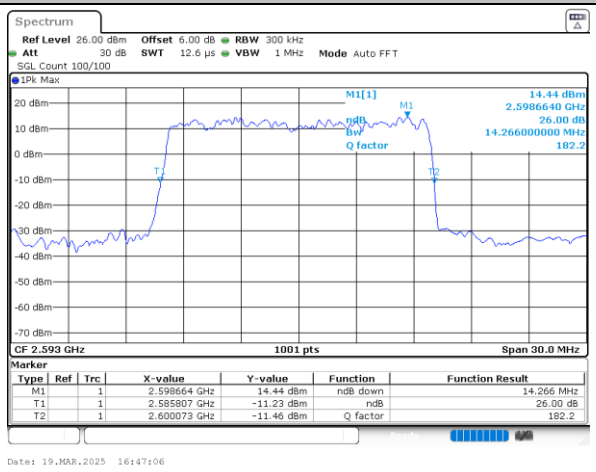


Middle Channel / 10MHz / 16QAM

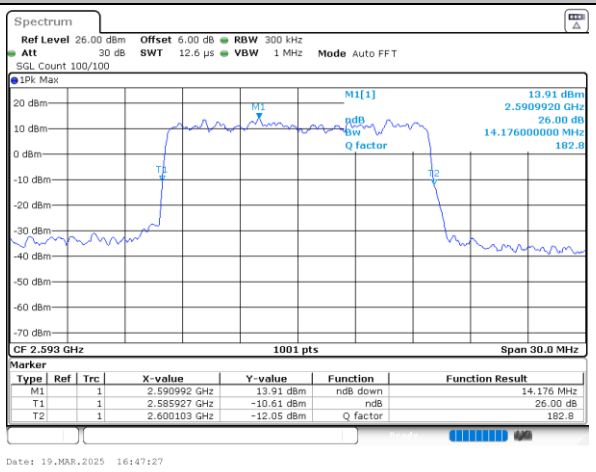


LTE Band 41

Middle Channel / 15MHz / QPSK

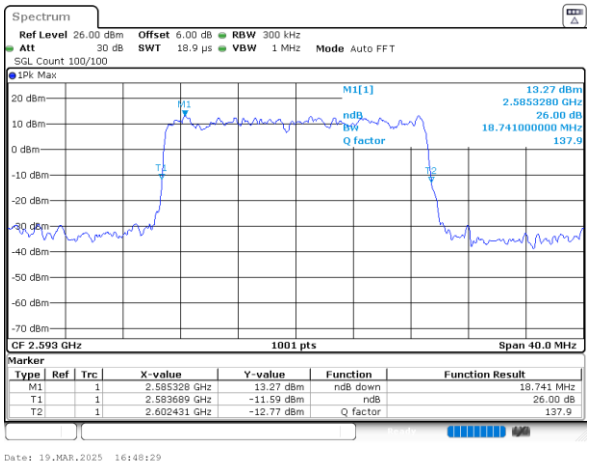


Middle Channel / 15MHz / 16QAM

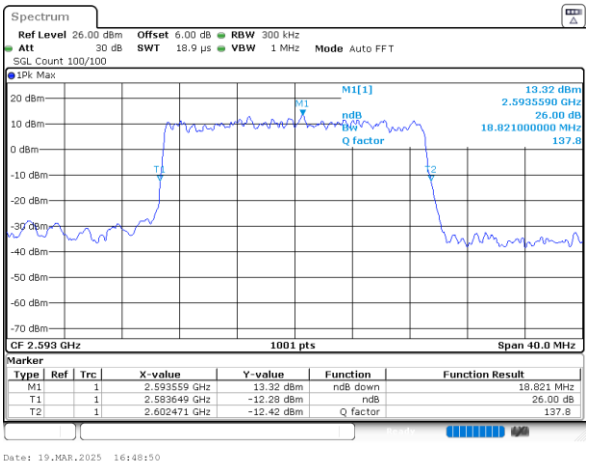


LTE Band 41

Middle Channel / 20MHz / QPSK



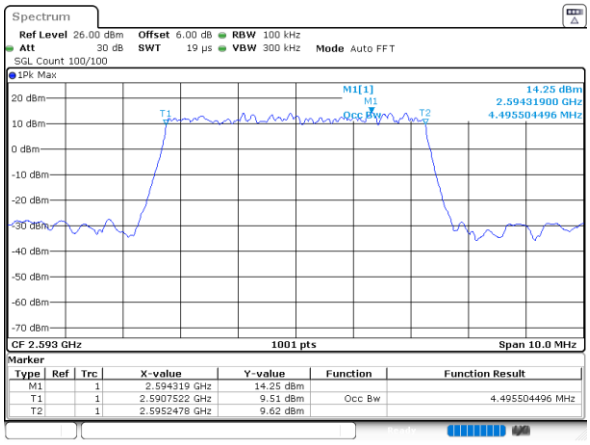
Middle Channel / 20MHz / 16QAM

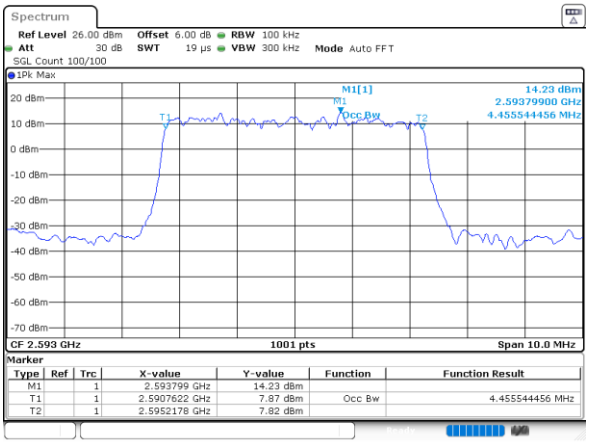


Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.46
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	9.03
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.94	17.90

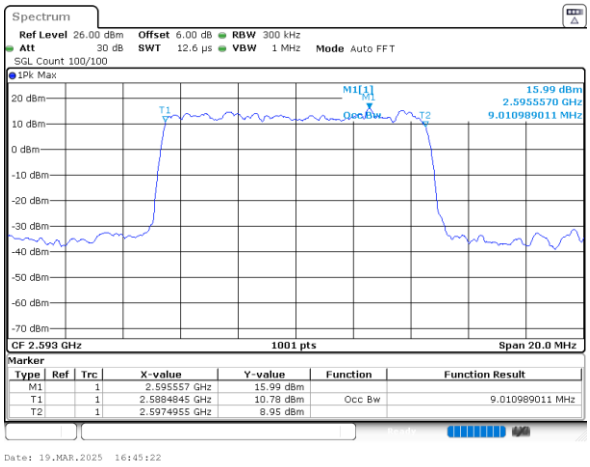
LTE Band 41	
Middle Channel / 5MHz / QPSK	Middle Channel / 5MHz / 16QAM



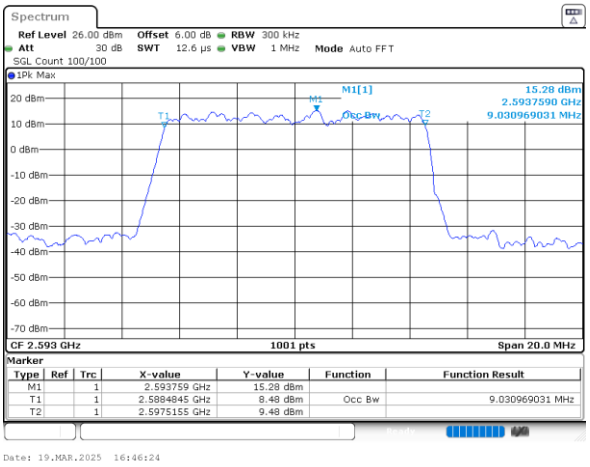


LTE Band 41

Middle Channel / 10MHz / QPSK

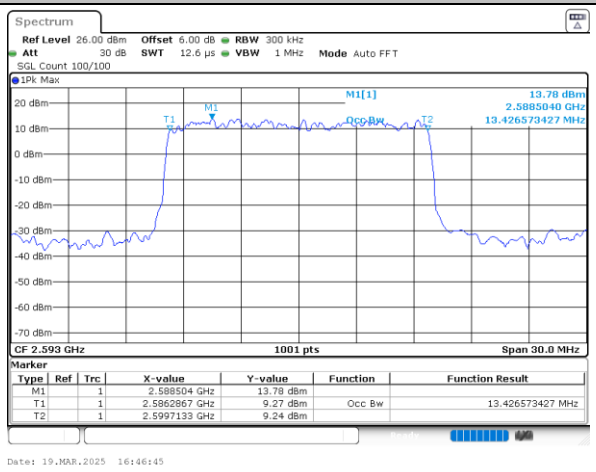


Middle Channel / 10MHz / 16QAM

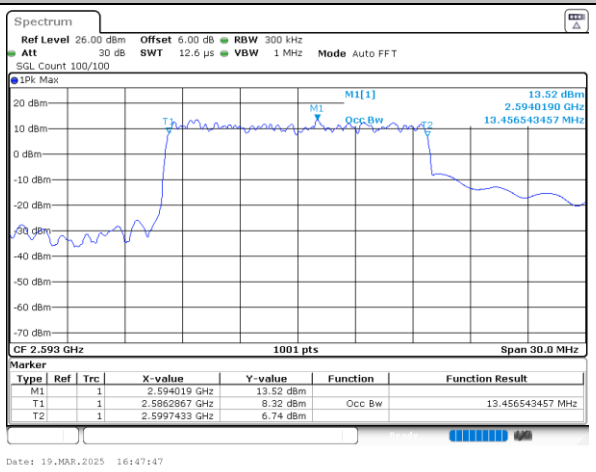


LTE Band 41

Middle Channel / 15MHz / QPSK

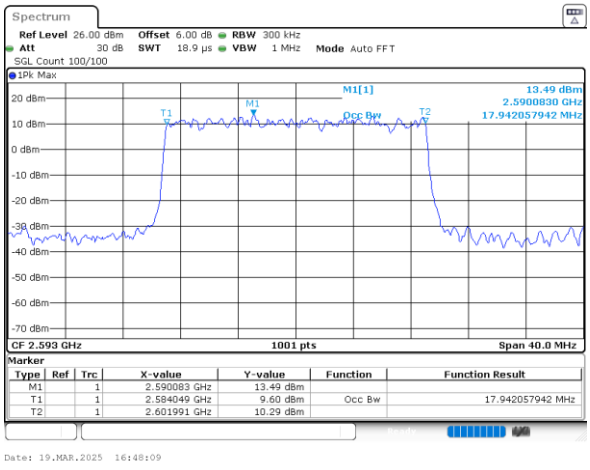


Middle Channel / 15MHz / 16QAM

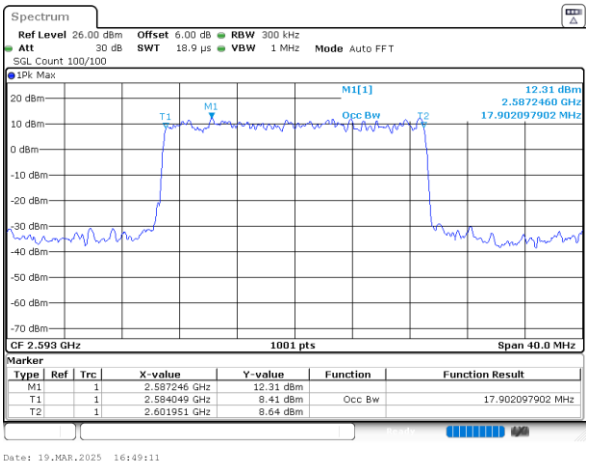


LTE Band 41

Middle Channel / 20MHz / QPSK



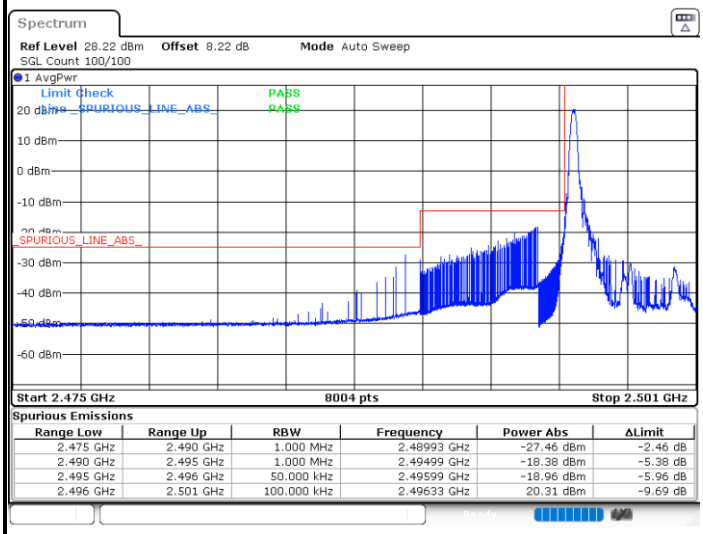
Middle Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48993 GHz	-27.46 dBm	-2.46 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-18.38 dBm	-5.38 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-18.96 dBm	-5.96 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49633 GHz	20.31 dBm	-9.69 dB

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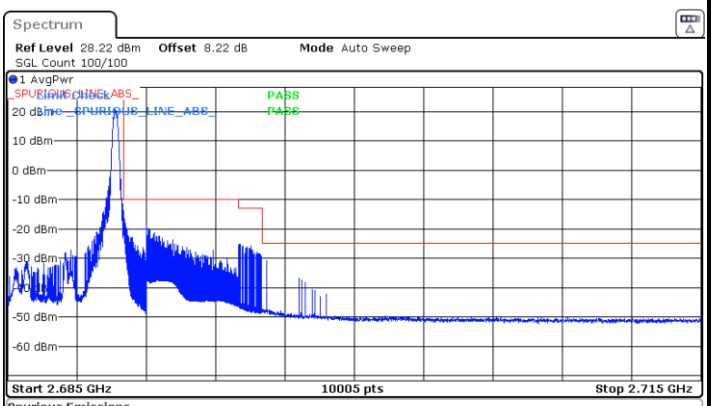
Highest Band Edge / 1 RB

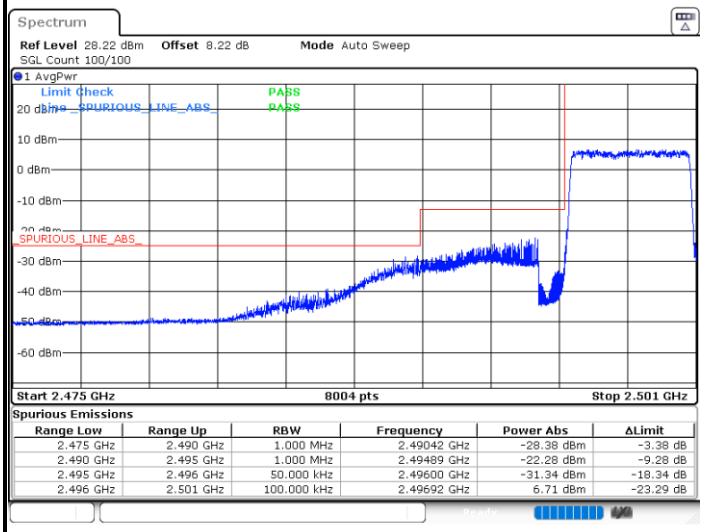


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68964 GHz	20.61 dBm	-9.39 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69002 GHz	-13.94 dBm	-3.94 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69101 GHz	-19.07 dBm	-9.07 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69501 GHz	-25.16 dBm	-12.16 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69619 GHz	-30.74 dBm	-5.74 dB

Date: 19.MAR.2025 15:06:50

Lowest Band Edge / Full RB

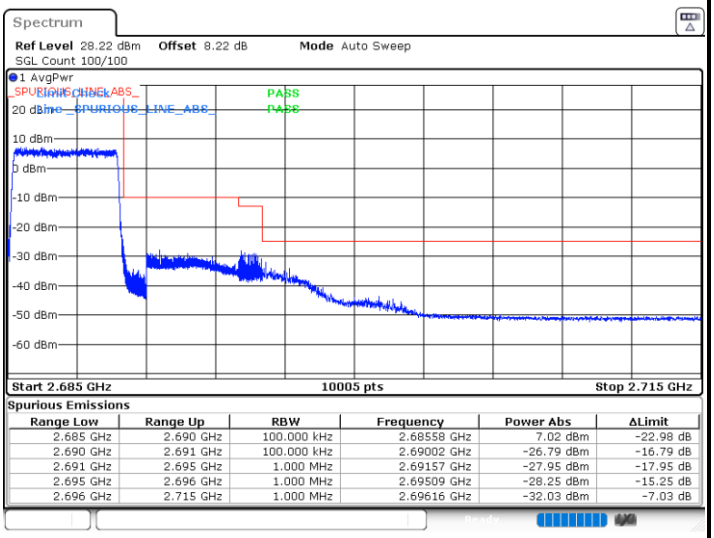


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49042 GHz	-28.38 dBm	-3.38 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49489 GHz	-22.28 dBm	-9.28 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-31.34 dBm	-18.34 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49692 GHz	6.71 dBm	-23.29 dB

Date: 19.MAR.2025 14:54:15

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68558 GHz	7.02 dBm	-22.98 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69002 GHz	-26.79 dBm	-16.79 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69157 GHz	-27.95 dBm	-17.95 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69509 GHz	-28.25 dBm	-15.25 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69616 GHz	-32.03 dBm	-7.03 dB

Date: 19.MAR.2025 15:10:12