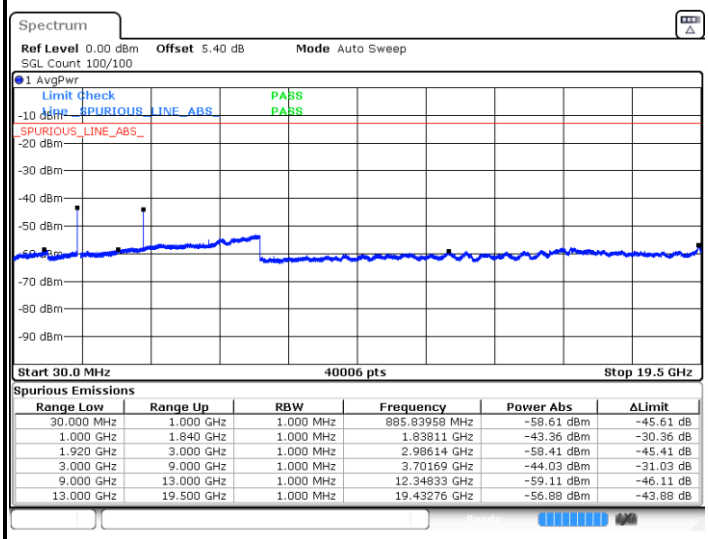
LTE Band 2 / 15MHz

Lowest Channel / QPSK

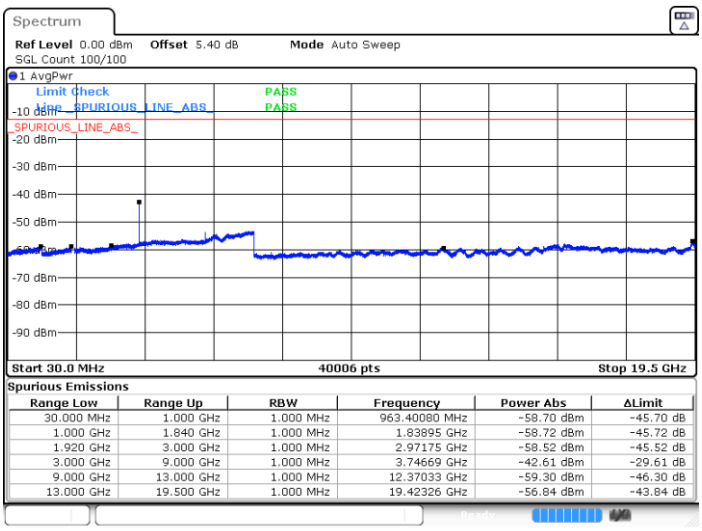


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	885.83958 MHz	-58.61 dBm	-45.61 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-43.36 dBm	-30.36 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98614 GHz	-58.41 dBm	-45.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-44.03 dBm	-31.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.34833 GHz	-59.11 dBm	-46.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.43276 GHz	-56.88 dBm	-43.88 dB

Date: 15.FEB.2023 21:41:09

Middle Channel / QPSK

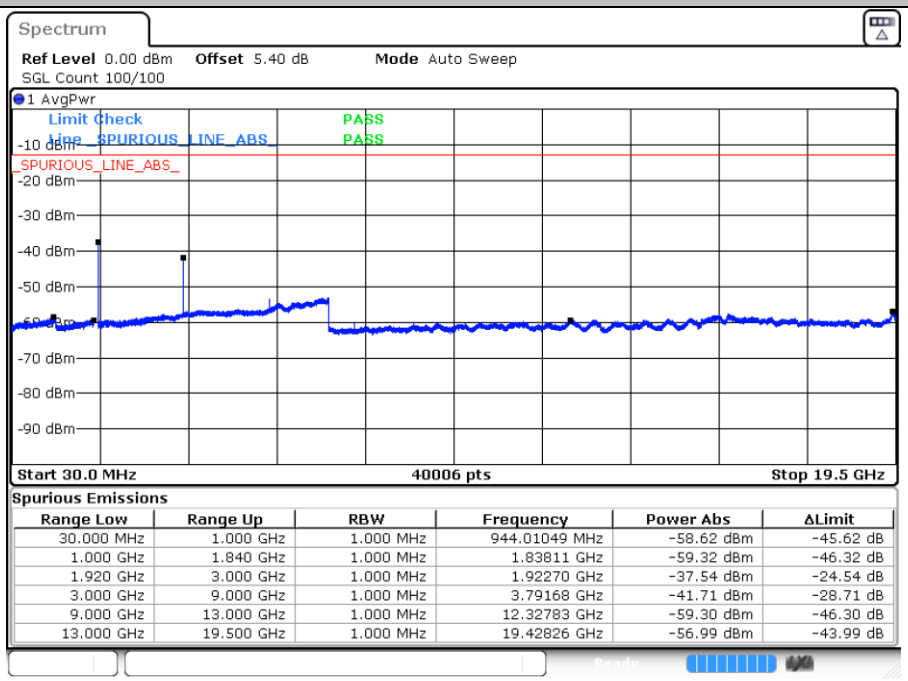


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-58.70 dBm	-45.70 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83895 GHz	-58.72 dBm	-45.72 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97175 GHz	-58.52 dBm	-45.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-42.61 dBm	-29.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37033 GHz	-59.30 dBm	-46.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.42326 GHz	-56.84 dBm	-43.84 dB

Date: 15.FEB.2023 21:48:39

Highest Channel / QPSK



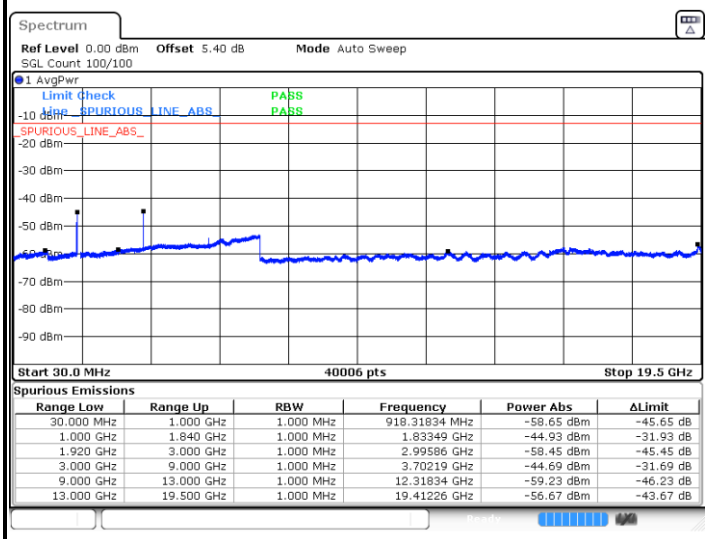
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-58.62 dBm	-45.62 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-59.32 dBm	-46.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92270 GHz	-37.54 dBm	-24.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.79168 GHz	-41.71 dBm	-28.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.32783 GHz	-59.30 dBm	-46.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.42826 GHz	-56.99 dBm	-43.99 dB

Date: 15.FEB.2023 21:49:58

LTE Band 2 / 20MHz

Lowest Channel / QPSK

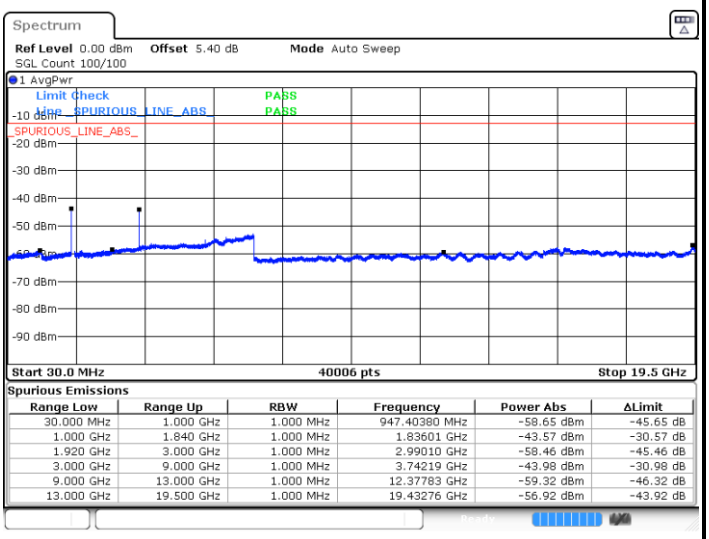


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.31834 MHz	-58.65 dBm	-45.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-44.93 dBm	-31.93 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99586 GHz	-58.45 dBm	-45.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-44.69 dBm	-31.69 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.31834 GHz	-59.23 dBm	-46.23 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.41226 GHz	-56.67 dBm	-43.67 dB

Date: 15.FEB.2023 21:56:47

Middle Channel / QPSK

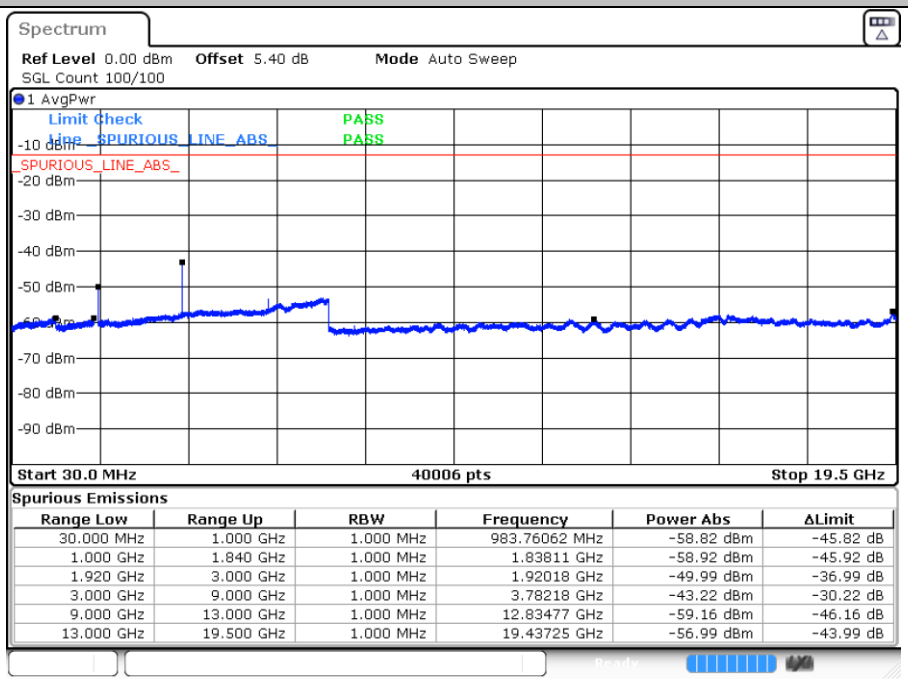


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-58.65 dBm	-45.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83601 GHz	-43.57 dBm	-30.57 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99010 GHz	-58.46 dBm	-45.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-43.98 dBm	-30.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37783 GHz	-59.32 dBm	-46.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.43276 GHz	-56.92 dBm	-43.92 dB

Date: 15.FEB.2023 22:04:18

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-58.82 dBm	-45.82 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83811 GHz	-58.92 dBm	-45.92 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-49.99 dBm	-36.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.78218 GHz	-43.22 dBm	-30.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83477 GHz	-59.16 dBm	-46.16 dB
13.000 GHz	19.500 GHz	1.000 MHz	19.43725 GHz	-56.99 dBm	-43.99 dB

Date: 15.FEB.2023 22:05:37

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0042	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0024	
20	End Point	0.0008	

Note:

1. Normal Voltage = 3.8 V. ; End Point (BEP) =3.3 V. ; Maximum Voltage = 4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

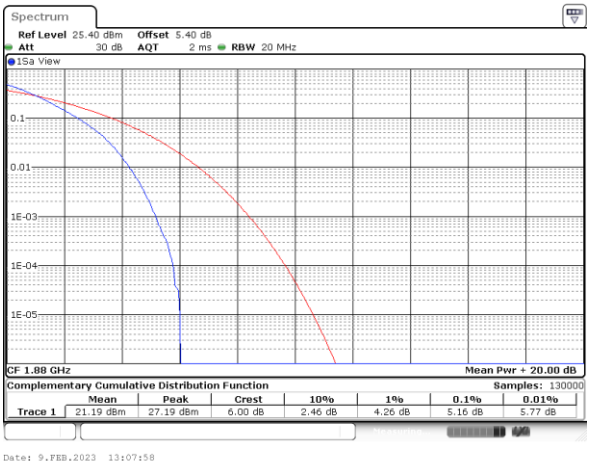
LTE Band 25

Peak-to-Average Ratio

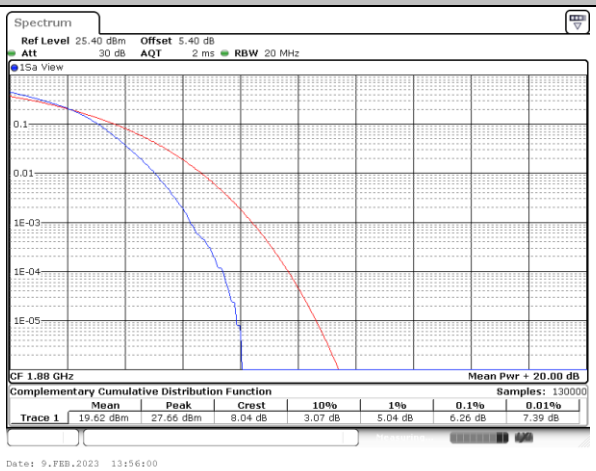
Mode	LTE Band 25 / 20MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.16	6.26	PASS

LTE Band 25 / 20MHz

Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM

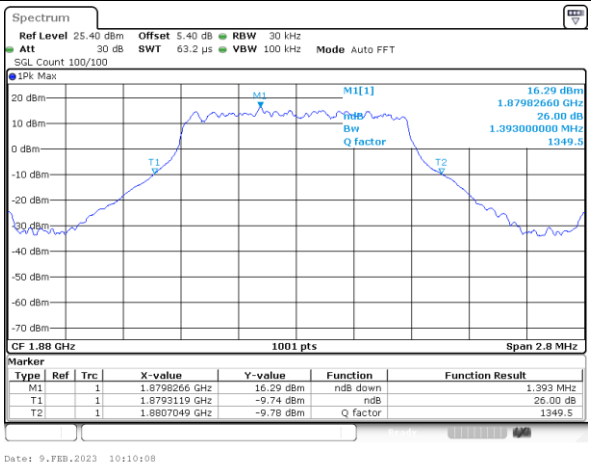


26dB Bandwidth

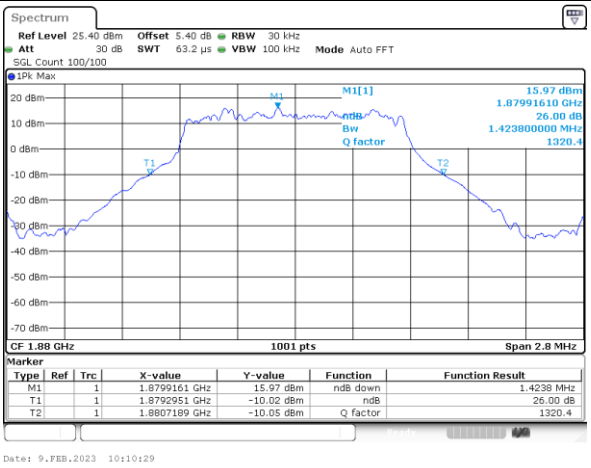
Mode	LTE Band 25 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.39	1.42
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.03	2.97
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.85	5.05
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.65	6.11
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	15.64	7.40
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.58	7.23

LTE Band 25

Middle Channel / 1.4MHz / QPSK

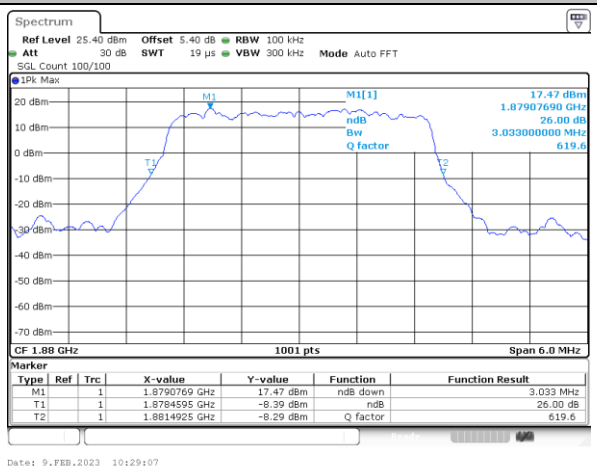


Middle Channel / 1.4MHz / 16QAM

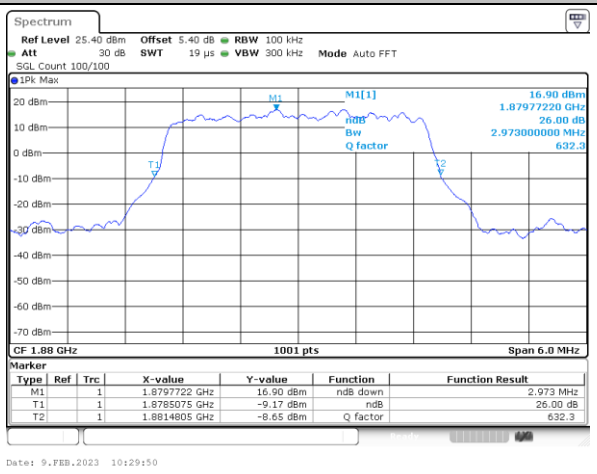


LTE Band 25

Middle Channel / 3MHz / QPSK

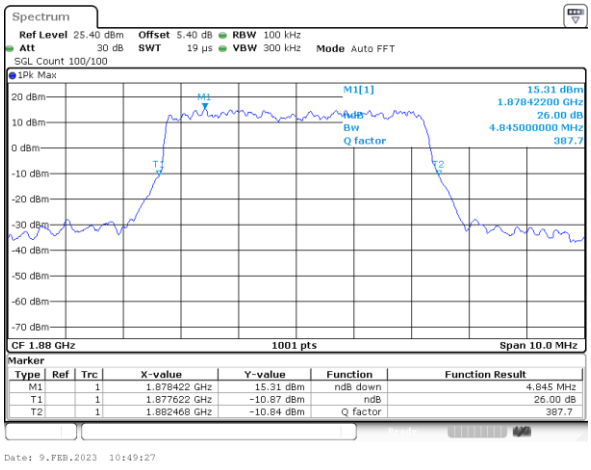


Middle Channel / 3MHz / 16QAM

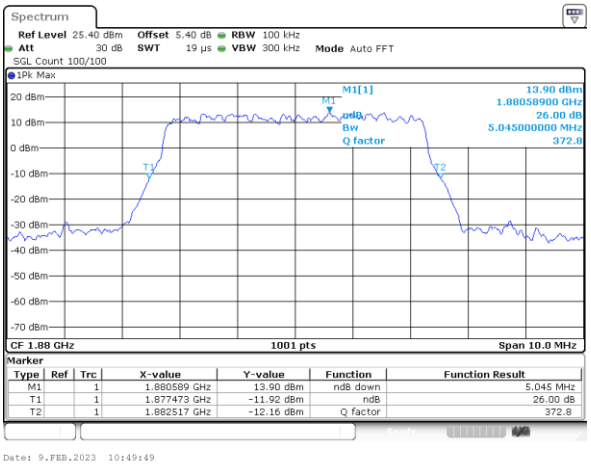


LTE Band 25

Middle Channel / 5MHz / QPSK

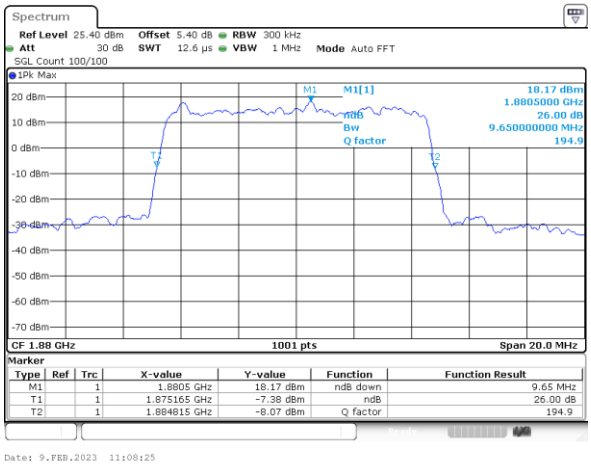


Middle Channel / 5MHz / 16QAM

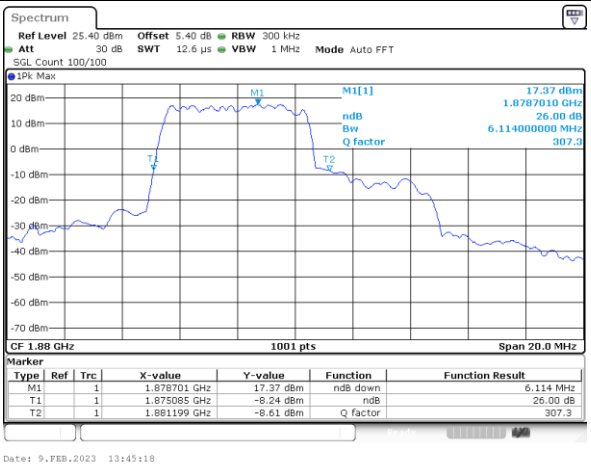


LTE Band 25

Middle Channel / 10MHz / QPSK

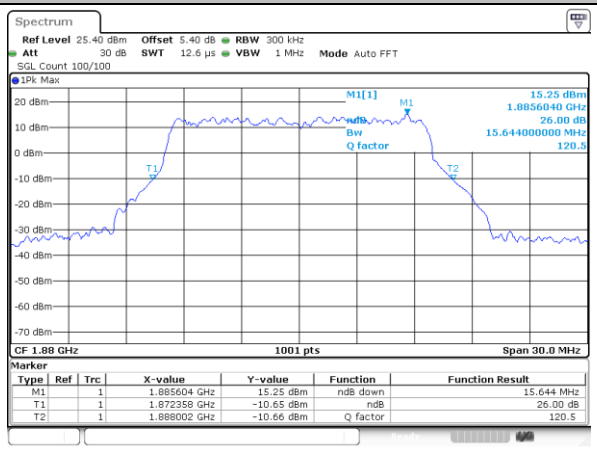


Middle Channel / 10MHz / 16QAM

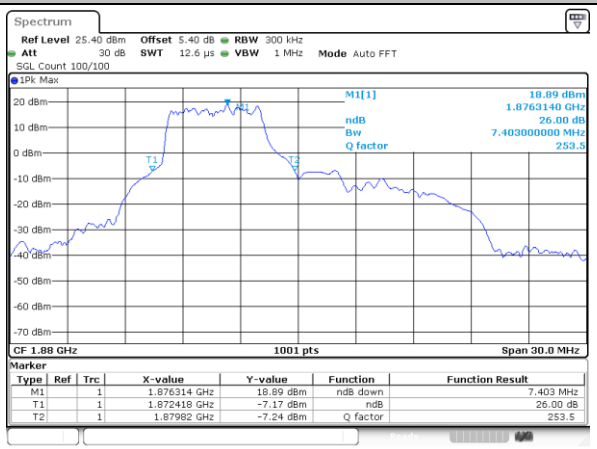


LTE Band 25

Middle Channel / 15MHz / QPSK

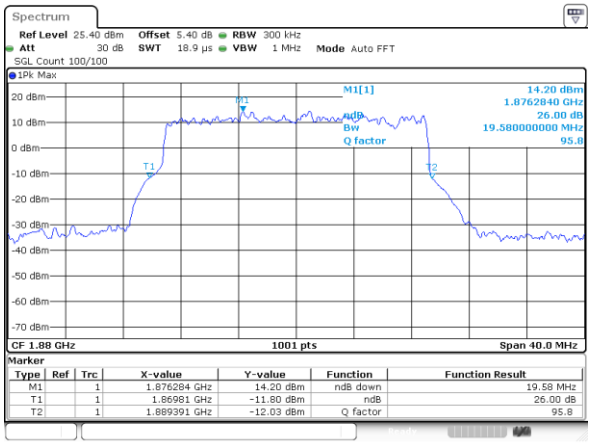


Middle Channel / 15MHz / 16QAM

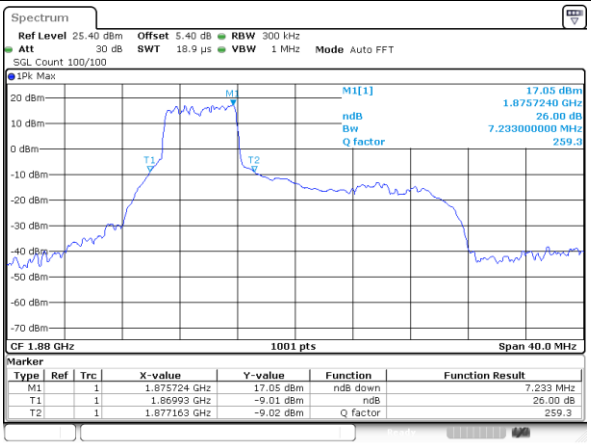


LTE Band 25

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

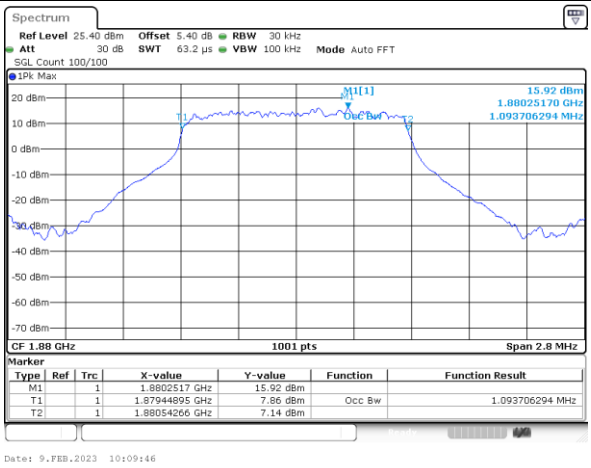


Occupied Bandwidth

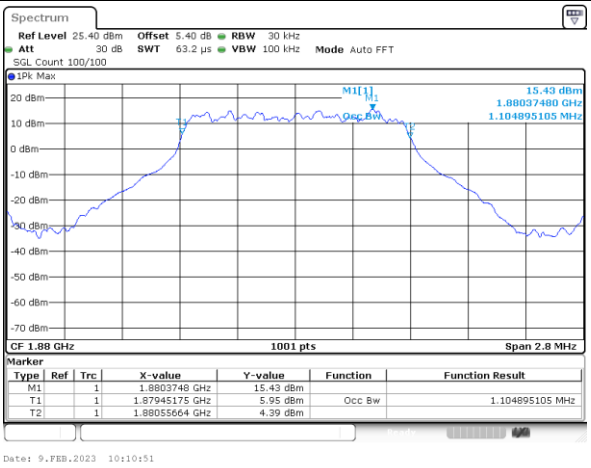
Mode	LTE Band 25 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.74	2.69
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.47	4.48
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.97	5.11
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.49	5.60
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.78	5.19

LTE Band 25

Middle Channel / 1.4MHz / QPSK

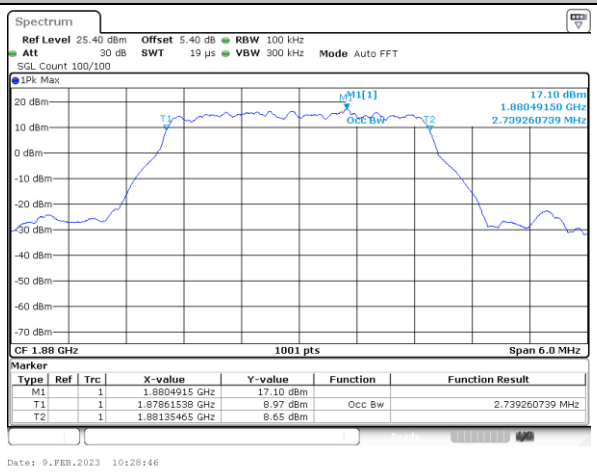


Middle Channel / 1.4MHz / 16QAM

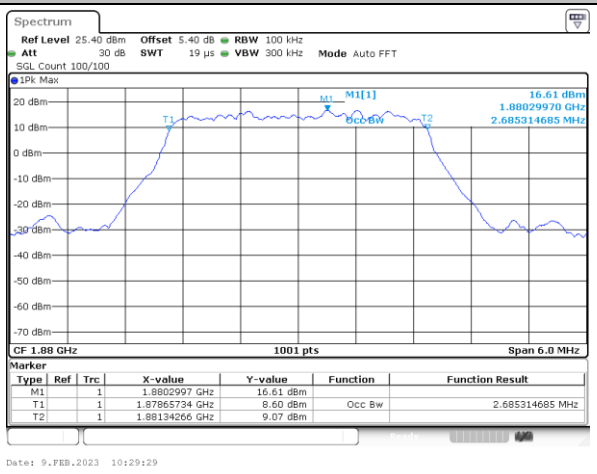


LTE Band 25

Middle Channel / 3MHz / QPSK

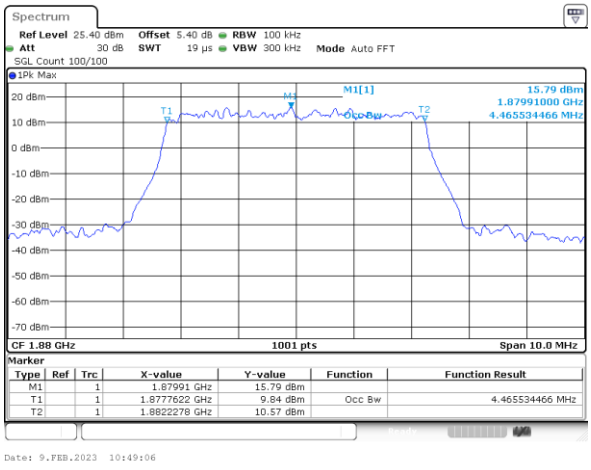


Middle Channel / 3MHz / 16QAM

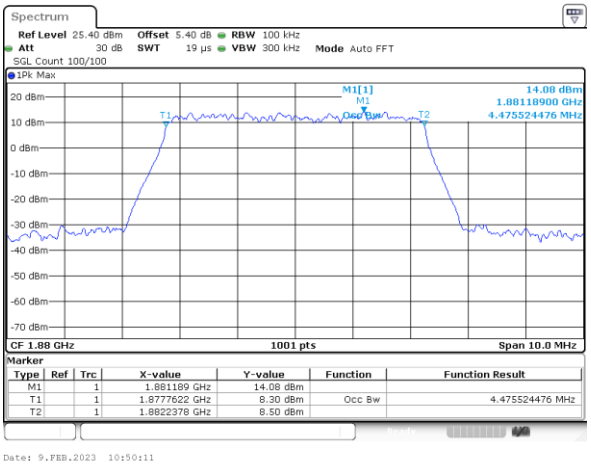


LTE Band 25

Middle Channel / 5MHz / QPSK

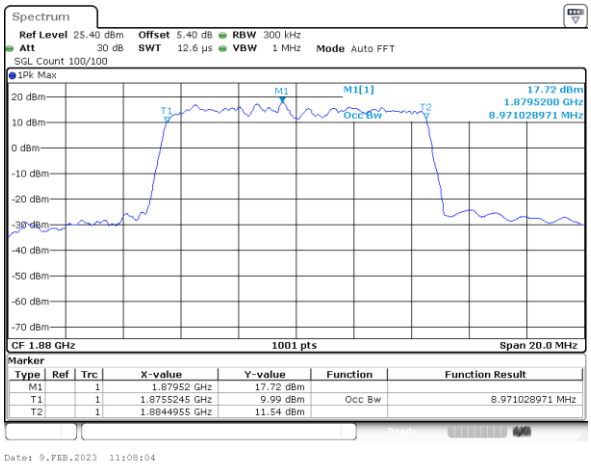


Middle Channel / 5MHz / 16QAM



LTE Band 25

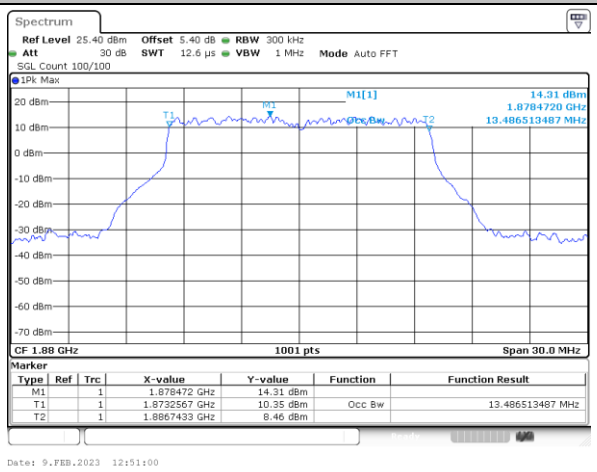
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

LTE Band 25

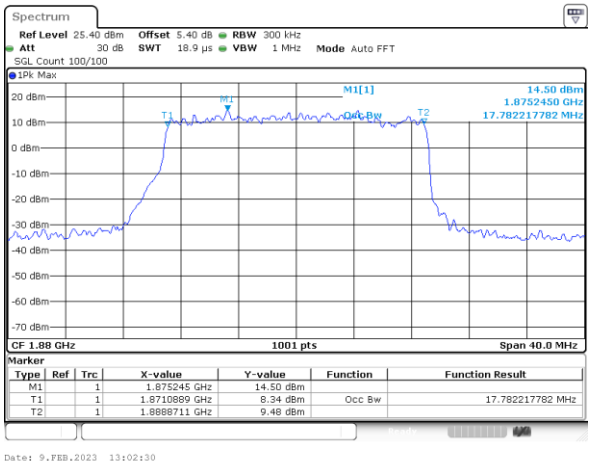
Middle Channel / 15MHz / QPSK



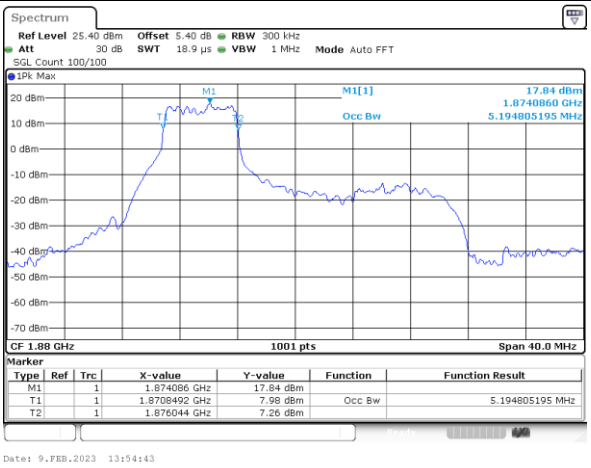
Middle Channel / 15MHz / 16QAM

LTE Band 25

Middle Channel / 20MHz / QPSK



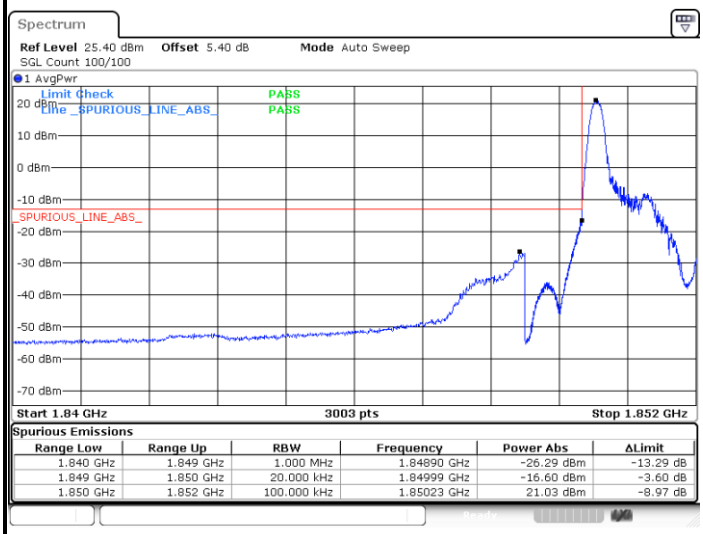
Middle Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

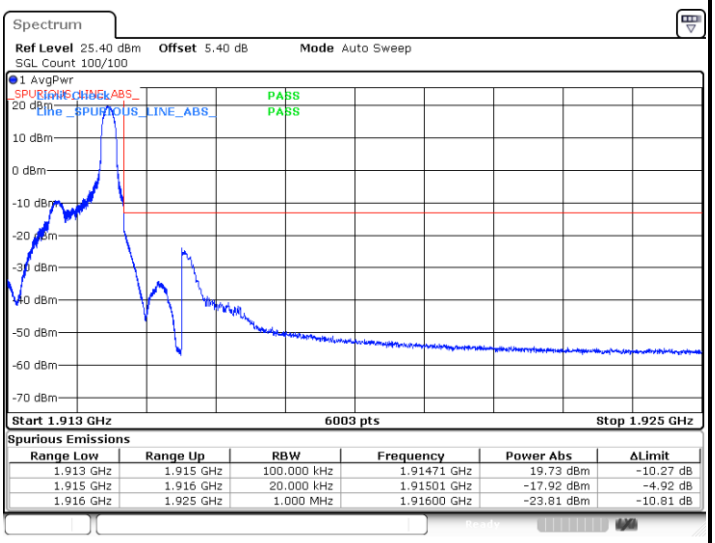


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84890 GHz	-26.29 dBm	-13.29 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.84999 GHz	-16.60 dBm	-3.60 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85023 GHz	21.03 dBm	-8.97 dB

Date: 9.FEB.2023 10:04:20

Highest Band Edge / 1RB

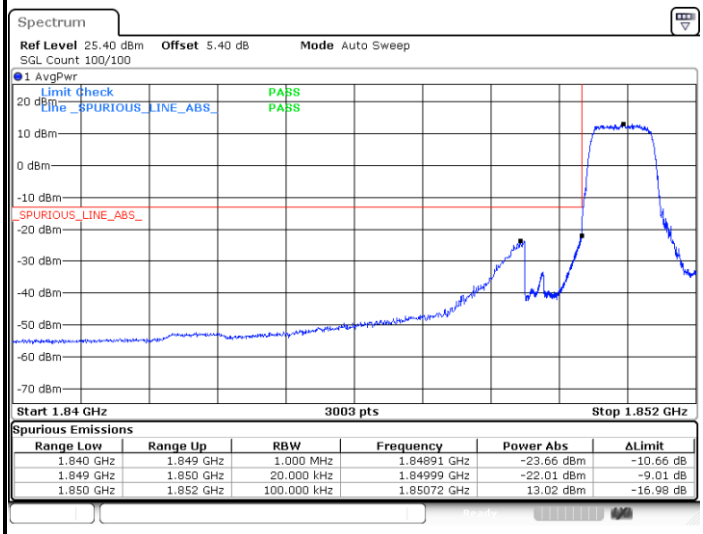


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91471 GHz	19.73 dBm	-10.27 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91501 GHz	-17.92 dBm	-4.92 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91600 GHz	-23.81 dBm	-10.81 dB

Date: 9.FEB.2023 10:15:16

Lowest Band Edge / Full RB

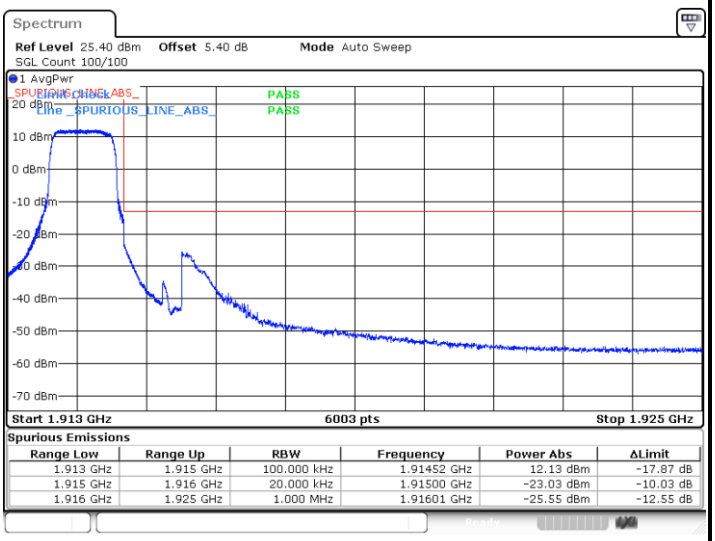


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-23.66 dBm	-10.66 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.84999 GHz	-22.01 dBm	-9.01 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85072 GHz	13.02 dBm	-16.98 dB

Date: 9.FEB.2023 10:07:42

Highest Band Edge / Full RB



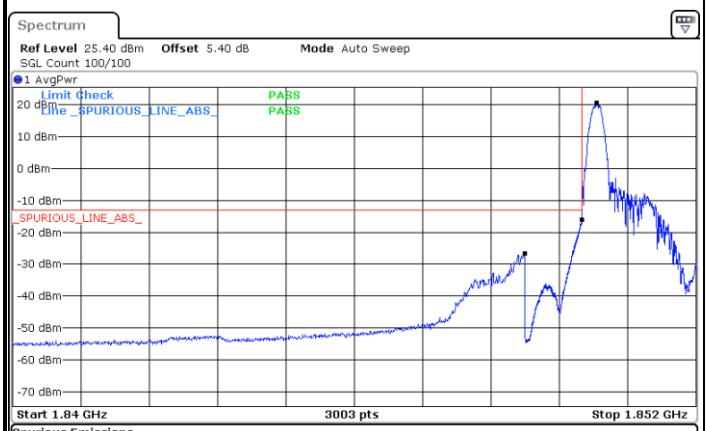
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91452 GHz	12.13 dBm	-17.87 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91500 GHz	-23.03 dBm	-10.03 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91601 GHz	-25.55 dBm	-12.55 dB

Date: 9.FEB.2023 10:18:38

LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

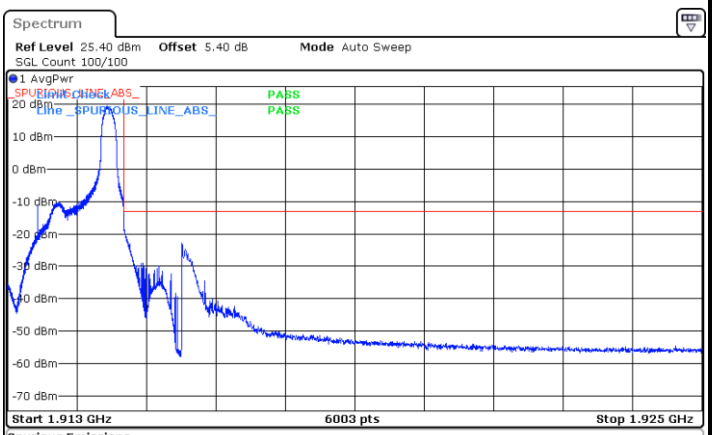


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-26.75 dBm	-13.75 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-16.01 dBm	-3.01 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85025 GHz	20.39 dBm	-9.61 dB

Date: 9.FEB.2023 10:06:01

Highest Band Edge / 1 RB

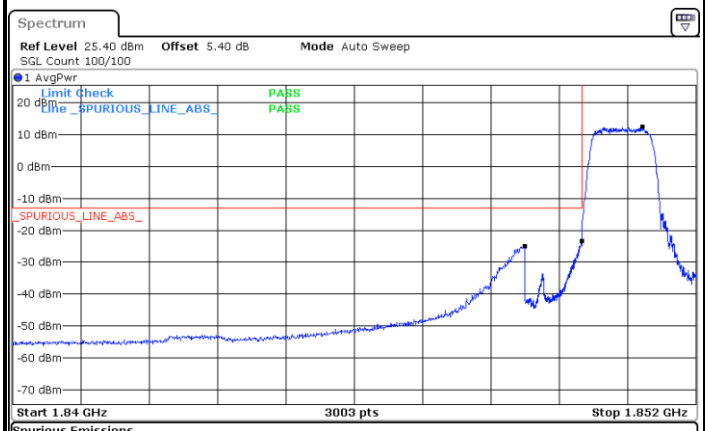


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91472 GHz	19.33 dBm	-10.67 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91501 GHz	-18.21 dBm	-5.21 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91601 GHz	-22.74 dBm	-9.74 dB

Date: 9.FEB.2023 10:16:57

Lowest Band Edge / Full RB

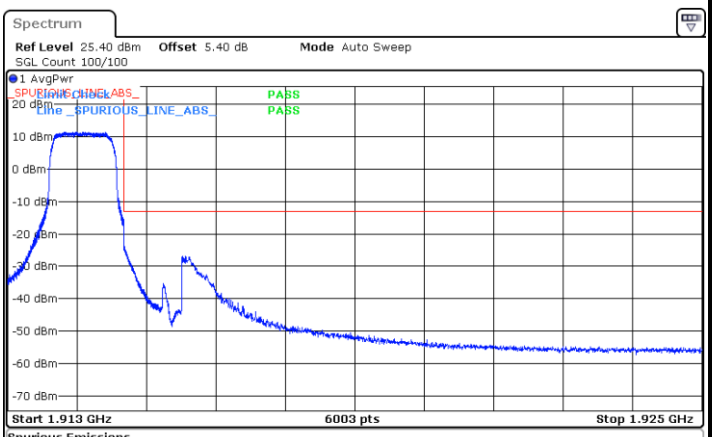


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-25.11 dBm	-12.11 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-23.30 dBm	-10.30 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85106 GHz	12.48 dBm	-17.52 dB

Date: 9.FEB.2023 10:09:23

Highest Band Edge / Full RB



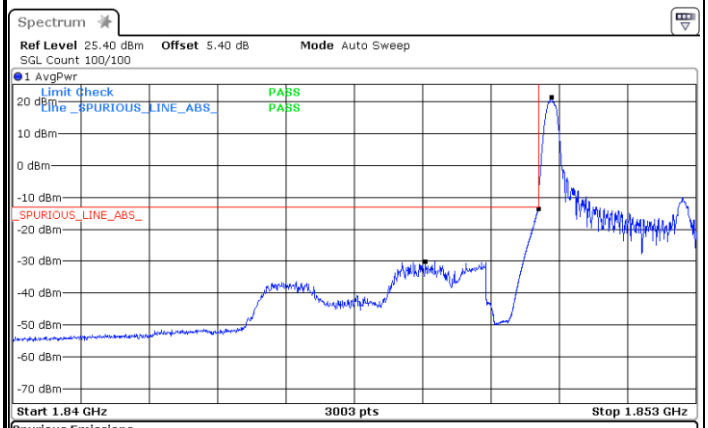
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91421 GHz	11.33 dBm	-18.67 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91500 GHz	-23.64 dBm	-10.64 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91607 GHz	-26.85 dBm	-13.85 dB

Date: 9.FEB.2023 10:20:19

LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB

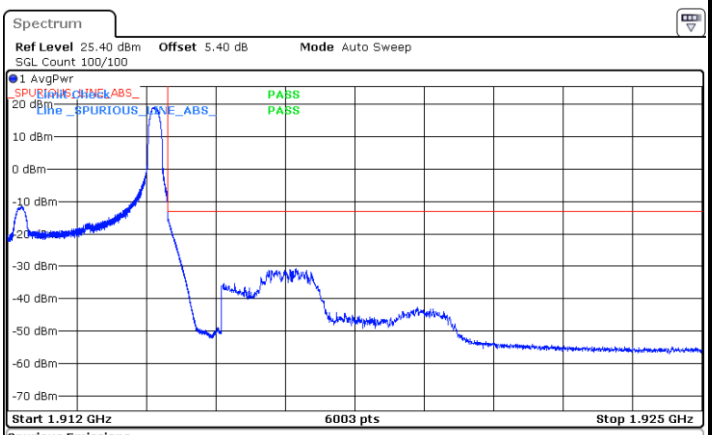


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84785 GHz	-30.05 dBm	-17.05 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-13.73 dBm	-0.73 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85025 GHz	21.30 dBm	-8.70 dB

Date: 9.FEB.2023 13:22:59

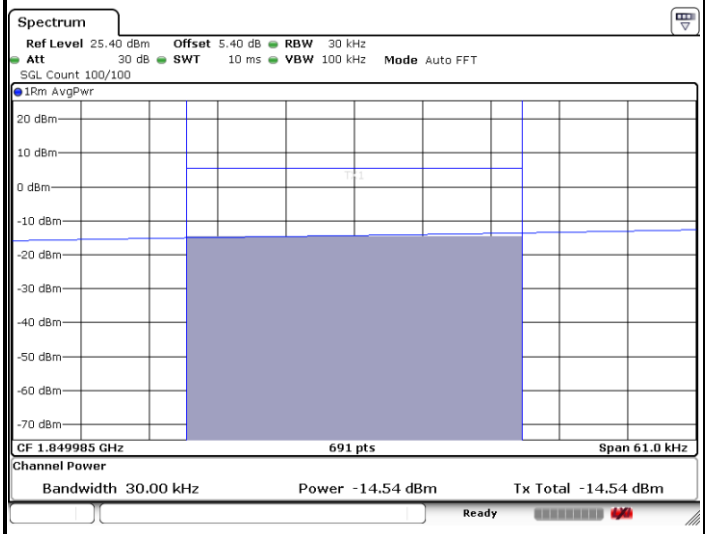
Highest Band Edge / 1 RB



Spurious Emissions

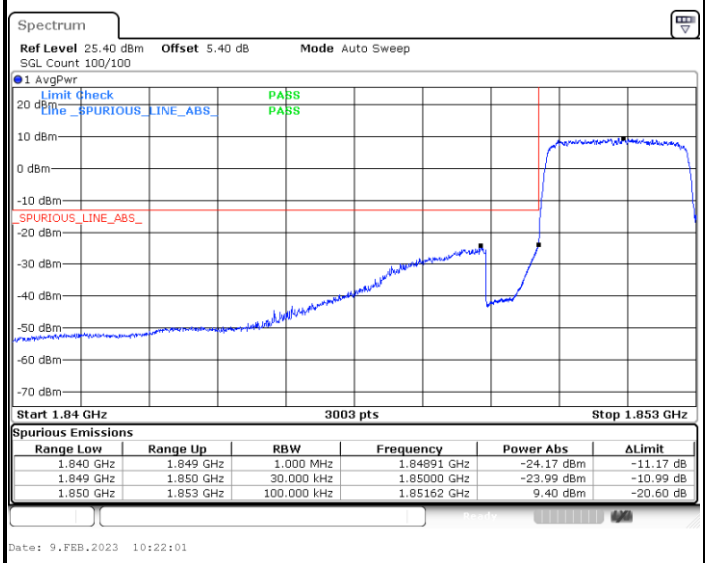
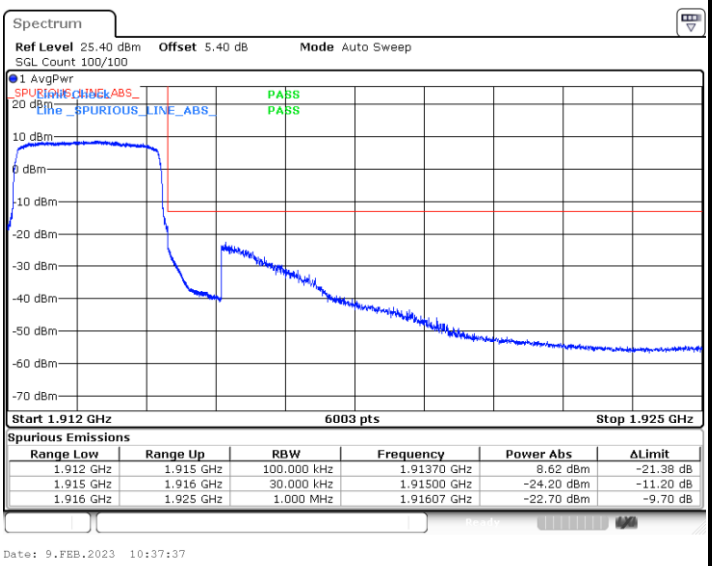
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91474 GHz	19.00 dBm	-11.00 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-15.31 dBm	-2.31 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91741 GHz	-30.77 dBm	-17.77 dB

Date: 9.FEB.2023 10:34:15



Date: 9.FEB.2023 15:14:48

N/A

Lowest Band Edge / Full RB	Highest Band Edge / Full RB
	

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-24.17 dBm	-11.17 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-23.99 dBm	-10.99 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85162 GHz	9.40 dBm	-20.60 dB

Date: 9.FEB.2023 10:22:01

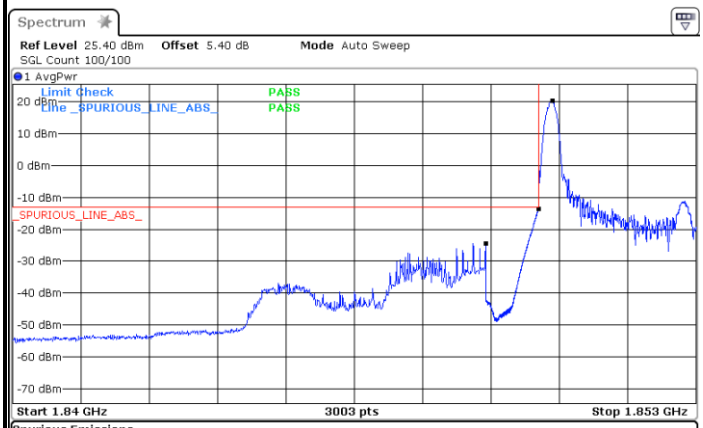
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91370 GHz	8.62 dBm	-21.38 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-24.20 dBm	-11.20 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91607 GHz	-22.70 dBm	-9.70 dB

Date: 9.FEB.2023 10:37:37

LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

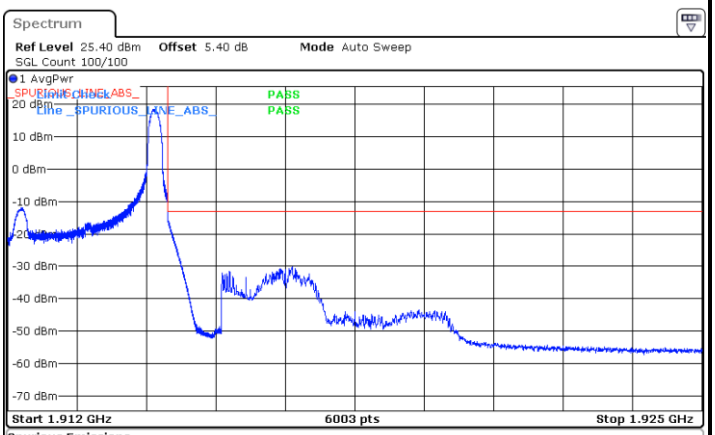


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-24.34 dBm	-11.34 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-13.69 dBm	-0.69 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85026 GHz	20.25 dBm	-9.75 dB

Date: 9.FEB.2023 13:20:26

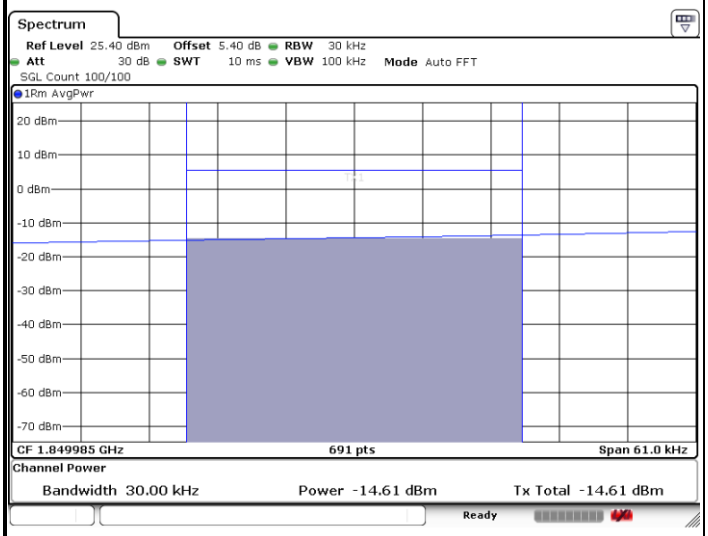
Highest Band Edge /1 RB



Spurious Emissions

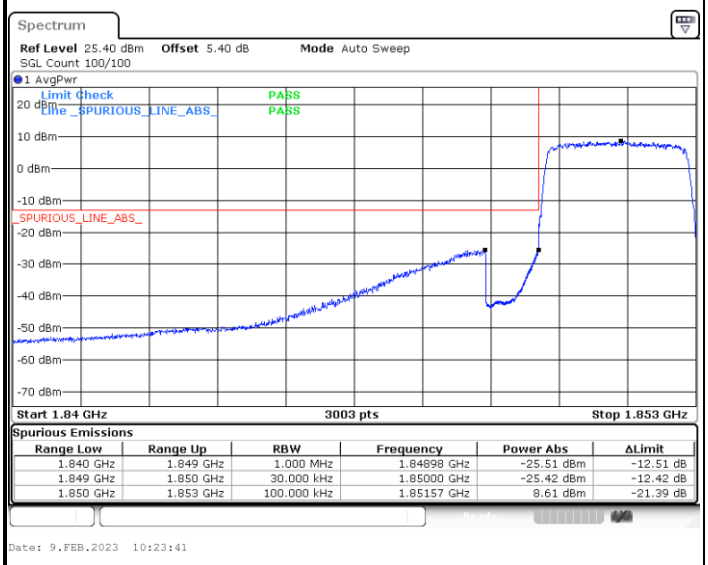
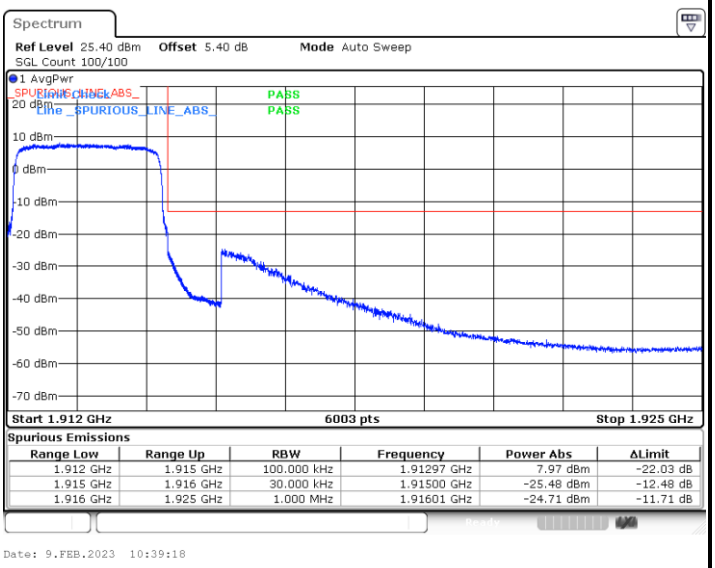
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91472 GHz	18.45 dBm	-11.55 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-15.74 dBm	-2.74 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91733 GHz	-30.10 dBm	-17.10 dB

Date: 9.FEB.2023 13:14:23



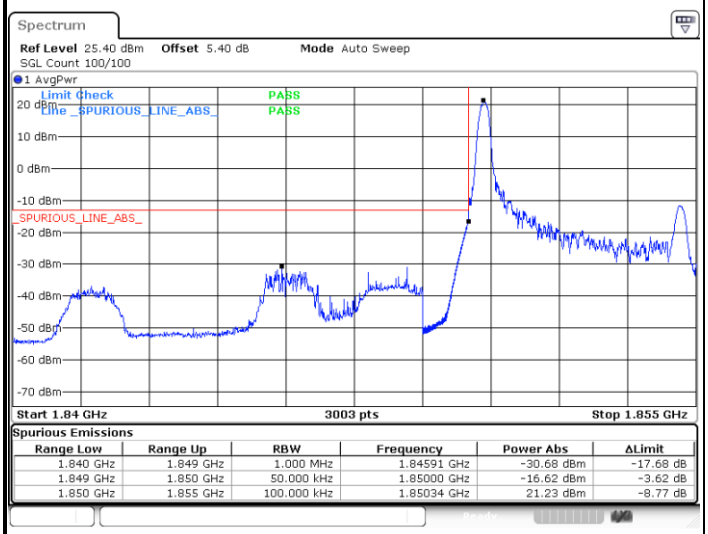
Date: 9.FEB.2023 15:14:07

N/A

Lowest Band Edge / Full RB	Highest Band Edge / Full RB
	

LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB

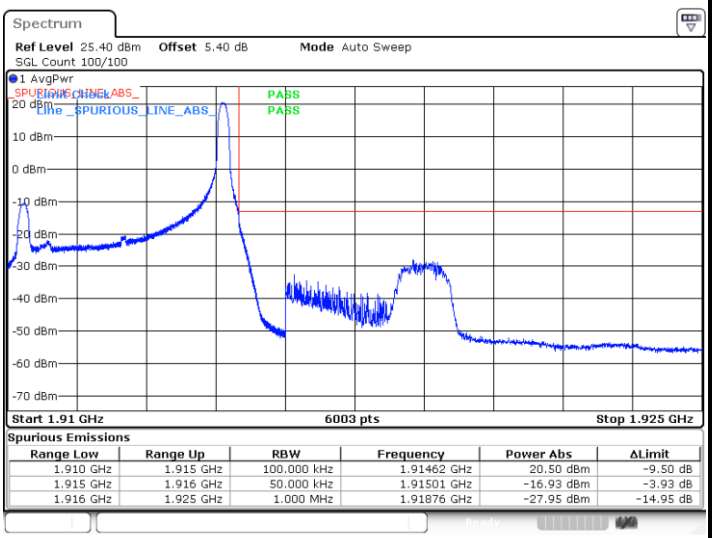


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84591 GHz	-30.68 dBm	-17.68 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-16.62 dBm	-3.62 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85034 GHz	21.23 dBm	-8.77 dB

Date: 9.FEB.2023 10:45:41

Highest Band Edge / 1 RB

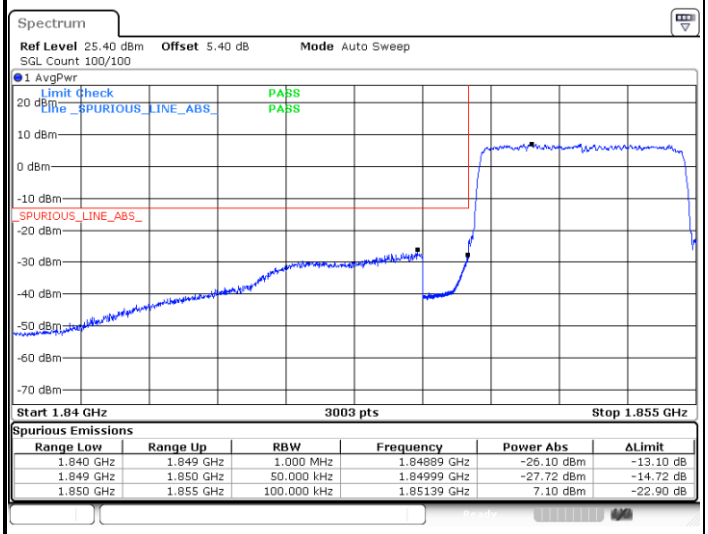


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.910 GHz	1.915 GHz	100.000 kHz	1.91462 GHz	20.50 dBm	-9.50 dB
1.915 GHz	1.916 GHz	50.000 kHz	1.91501 GHz	-16.93 dBm	-3.93 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91876 GHz	-27.95 dBm	-14.95 dB

Date: 9.FEB.2023 10:56:36

Lowest Band Edge / Full RB

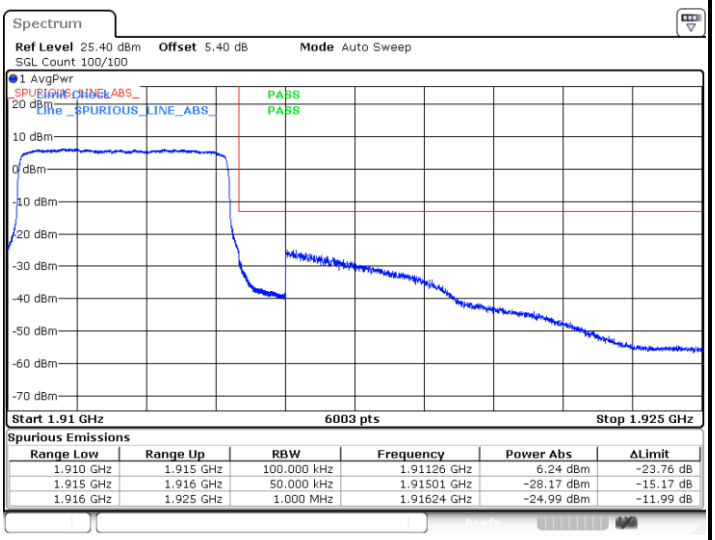


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84889 GHz	-26.10 dBm	-13.10 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-27.72 dBm	-14.72 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85139 GHz	7.10 dBm	-22.90 dB

Date: 9.FEB.2023 10:40:59

Highest Band Edge / Full RB



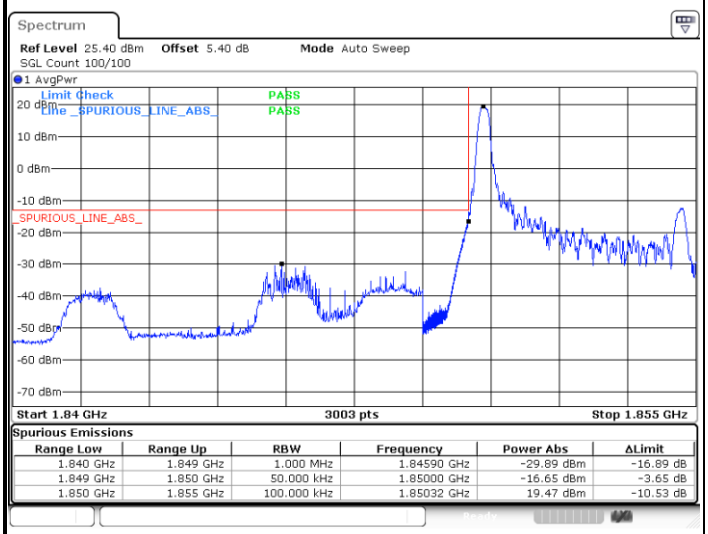
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.910 GHz	1.915 GHz	100.000 kHz	1.91126 GHz	6.24 dBm	-23.76 dB
1.915 GHz	1.916 GHz	50.000 kHz	1.91501 GHz	-28.17 dBm	-15.17 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91624 GHz	-24.99 dBm	-11.99 dB

Date: 9.FEB.2023 10:53:14

LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB

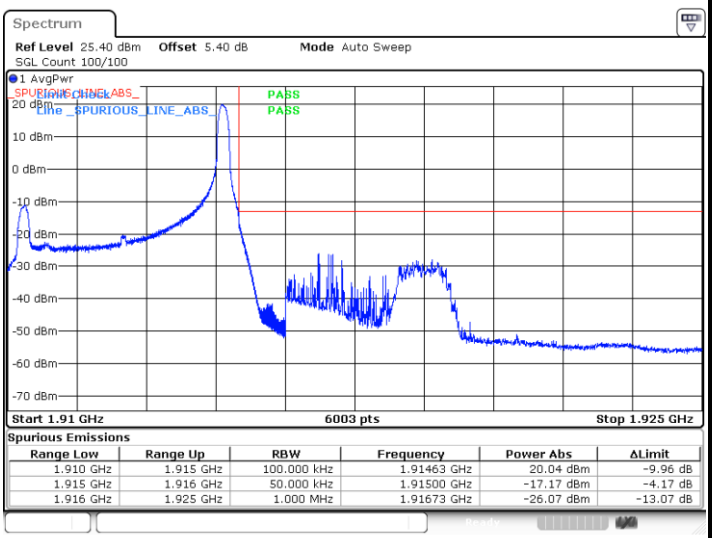


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84590 GHz	-29.89 dBm	-16.89 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-16.65 dBm	-3.65 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85032 GHz	19.47 dBm	-10.53 dB

Date: 9.FEB.2023 10:47:22

Highest Band Edge / 1 RB

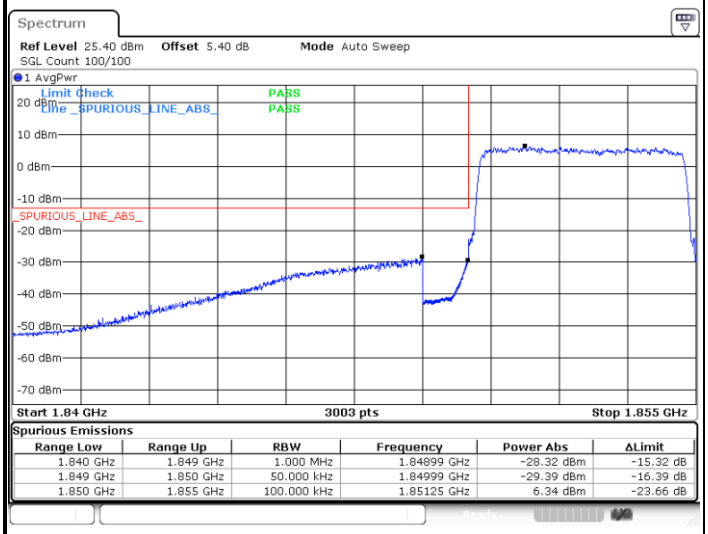


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.910 GHz	1.915 GHz	100.000 kHz	1.91463 GHz	20.04 dBm	-9.96 dB
1.915 GHz	1.916 GHz	50.000 kHz	1.91500 GHz	-17.17 dBm	-4.17 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91673 GHz	-26.07 dBm	-13.07 dB

Date: 9.FEB.2023 10:58:16

Lowest Band Edge / Full RB

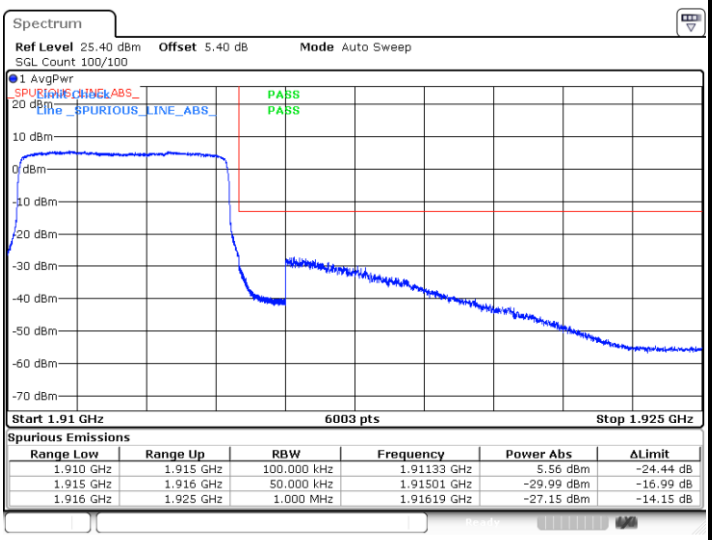


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-28.32 dBm	-15.32 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-29.39 dBm	-16.39 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85125 GHz	6.34 dBm	-23.66 dB

Date: 9.FEB.2023 10:42:39

Highest Band Edge / Full RB



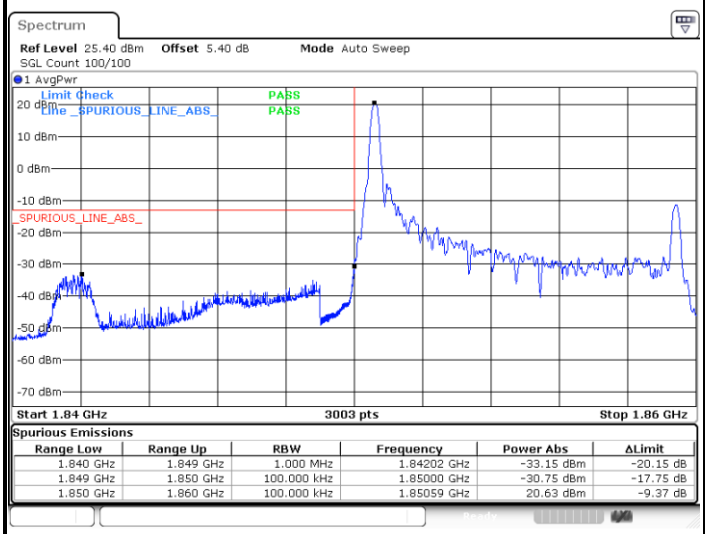
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.910 GHz	1.915 GHz	100.000 kHz	1.91133 GHz	5.56 dBm	-24.44 dB
1.915 GHz	1.916 GHz	50.000 kHz	1.91501 GHz	-29.99 dBm	-16.99 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91619 GHz	-27.15 dBm	-14.15 dB

Date: 9.FEB.2023 10:54:54

LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB

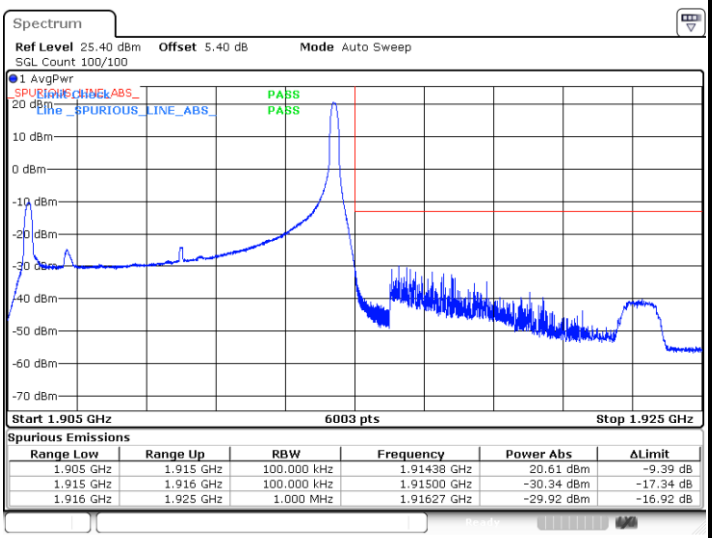


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84202 GHz	-33.15 dBm	-20.15 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-30.75 dBm	-17.75 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85059 GHz	20.63 dBm	-9.37 dB

Date: 9.FEB.2023 11:03:18

Highest Band Edge / 1 RB

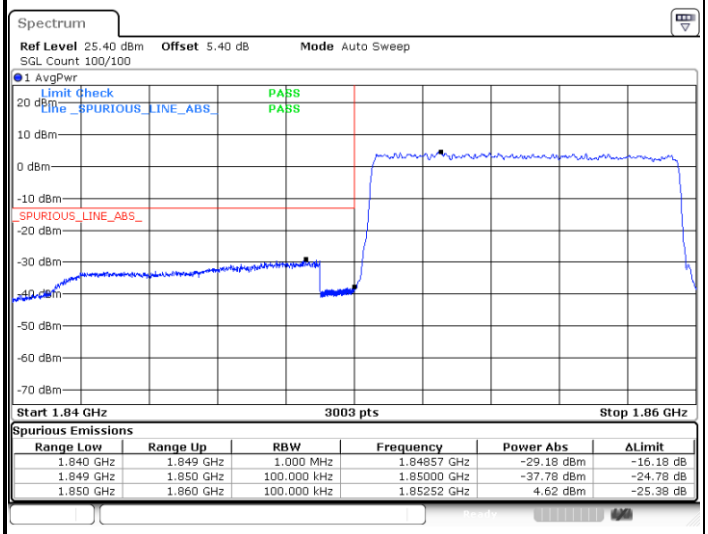


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.915 GHz	100.000 kHz	1.91438 GHz	20.61 dBm	-9.39 dB
1.915 GHz	1.916 GHz	100.000 kHz	1.91500 GHz	-30.34 dBm	-17.34 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91627 GHz	-29.92 dBm	-16.92 dB

Date: 9.FEB.2023 11:15:33

Lowest Band Edge / Full RB

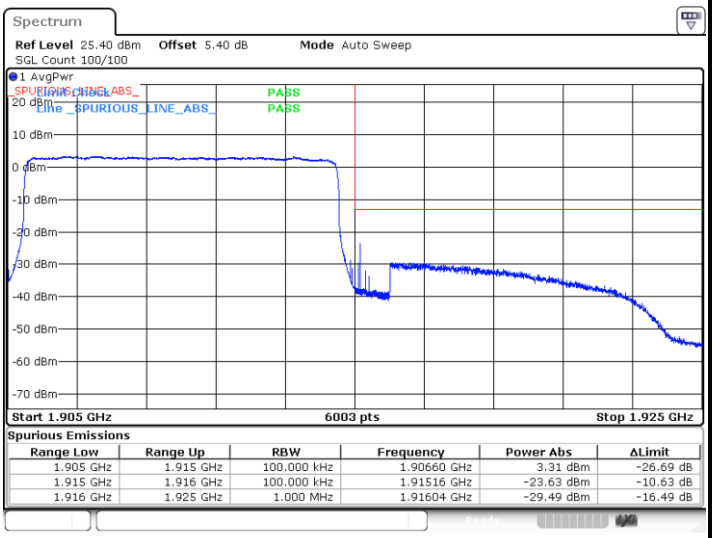


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84857 GHz	-29.18 dBm	-16.18 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-37.78 dBm	-24.78 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85252 GHz	4.62 dBm	-25.38 dB

Date: 9.FEB.2023 10:59:57

Highest Band Edge / Full RB



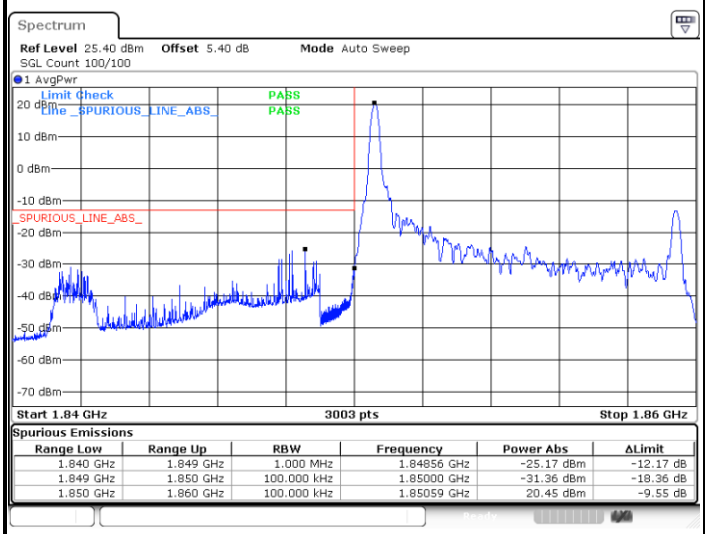
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.915 GHz	100.000 kHz	1.90660 GHz	3.31 dBm	-26.69 dB
1.915 GHz	1.916 GHz	100.000 kHz	1.91516 GHz	-23.63 dBm	-10.63 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91604 GHz	-29.49 dBm	-16.49 dB

Date: 9.FEB.2023 11:12:12

LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

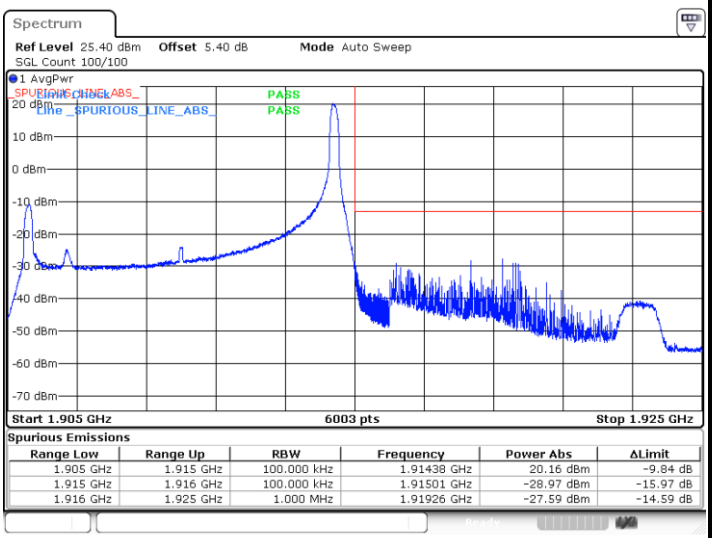


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84856 GHz	-25.17 dBm	-12.17 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-31.36 dBm	-18.36 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85059 GHz	20.45 dBm	-9.55 dB

Date: 9.FEB.2023 11:06:20

Highest Band Edge / 1 RB

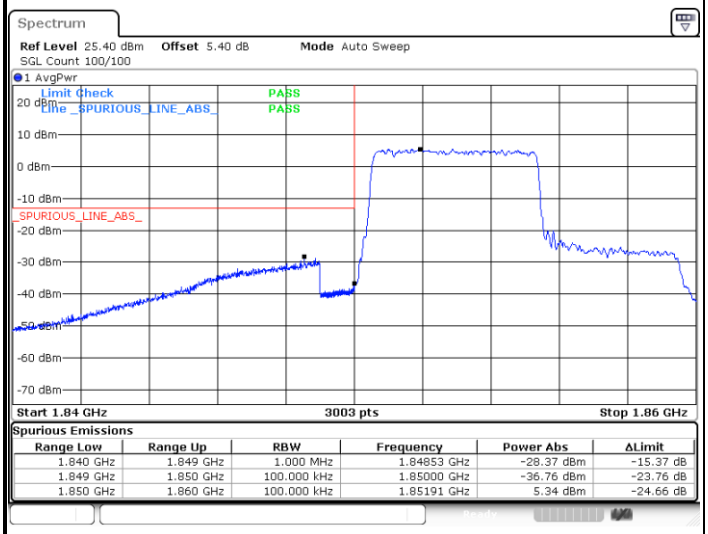


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.915 GHz	100.000 kHz	1.91438 GHz	20.16 dBm	-9.84 dB
1.915 GHz	1.916 GHz	100.000 kHz	1.91501 GHz	-28.97 dBm	-15.97 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91926 GHz	-27.59 dBm	-14.59 dB

Date: 9.FEB.2023 11:17:14

Lowest Band Edge / Full RB

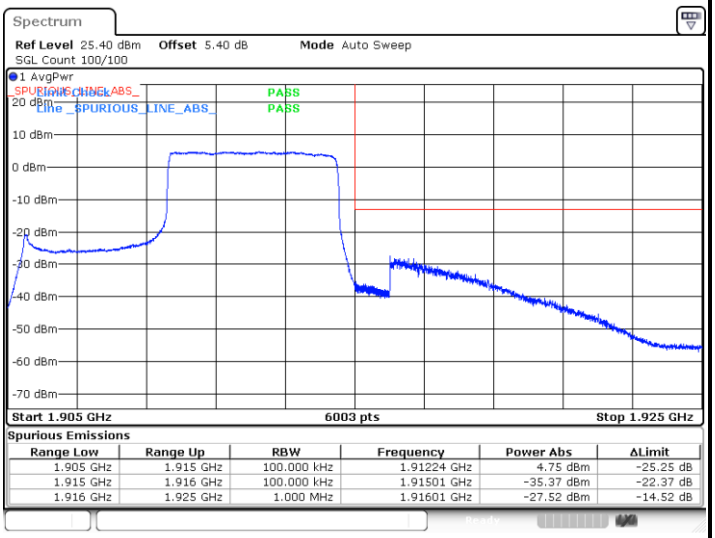


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84853 GHz	-28.37 dBm	-15.37 dB
1.849 GHz	1.850 GHz	100.000 kHz	1.85000 GHz	-36.76 dBm	-23.76 dB
1.850 GHz	1.860 GHz	100.000 kHz	1.85191 GHz	5.34 dBm	-24.66 dB

Date: 9.FEB.2023 13:47:12

Highest Band Edge / Full RB



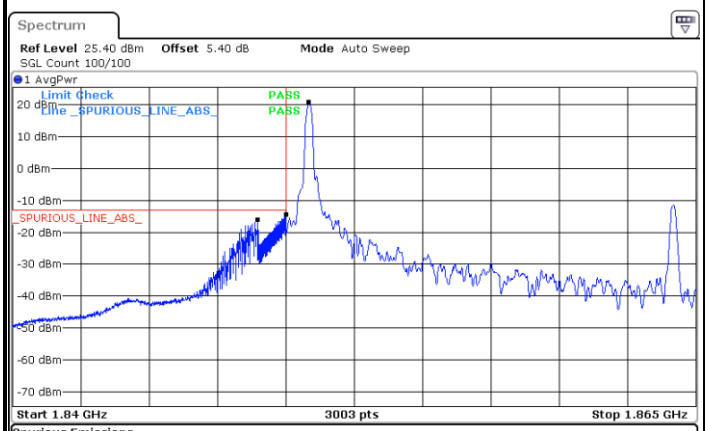
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.915 GHz	100.000 kHz	1.91224 GHz	4.75 dBm	-25.25 dB
1.915 GHz	1.916 GHz	100.000 kHz	1.91501 GHz	-35.37 dBm	-22.37 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91601 GHz	-27.52 dBm	-14.52 dB

Date: 9.FEB.2023 13:49:00

LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB

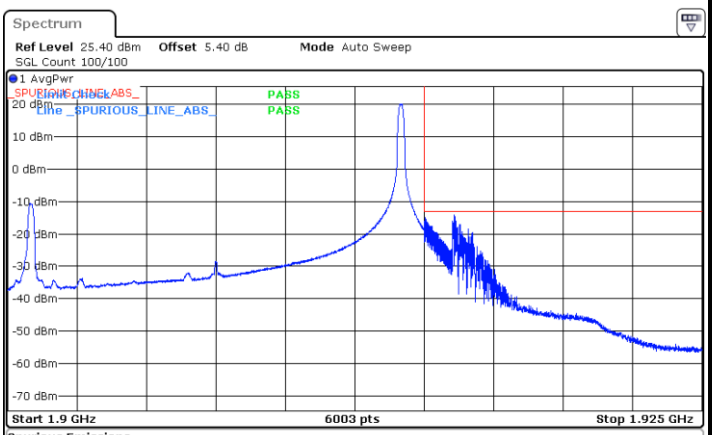


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-16.06 dBm	-3.06 dB
1.849 GHz	1.850 GHz	150.000 kHz	1.84999 GHz	-14.49 dBm	-1.49 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85083 GHz	20.71 dBm	-9.29 dB

Date: 9.FEB.2023 13:09:45

Highest Band Edge / 1 RB

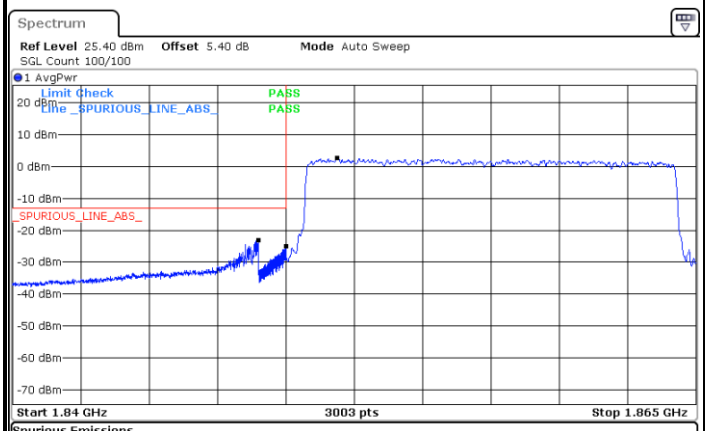


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.915 GHz	100.000 kHz	1.91413 GHz	20.03 dBm	-9.97 dB
1.915 GHz	1.916 GHz	150.000 kHz	1.91504 GHz	-14.87 dBm	-1.87 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91609 GHz	-14.23 dBm	-1.23 dB

Date: 9.FEB.2023 13:11:25

Lowest Band Edge / Full RB

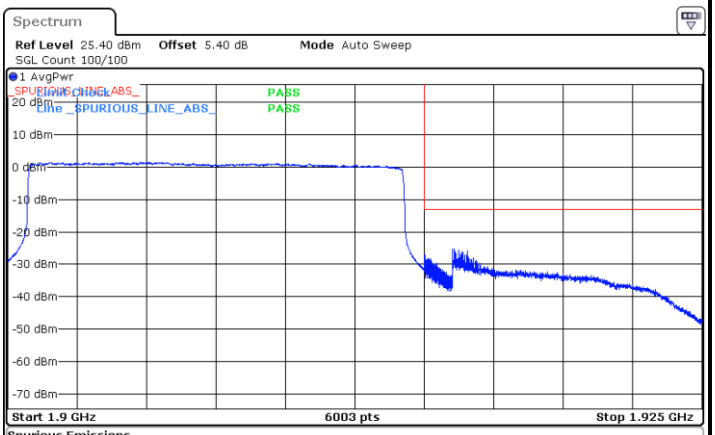


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-23.18 dBm	-10.18 dB
1.849 GHz	1.850 GHz	150.000 kHz	1.84999 GHz	-25.07 dBm	-12.07 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85187 GHz	2.56 dBm	-27.44 dB

Date: 9.FEB.2023 12:46:13

Highest Band Edge / Full RB



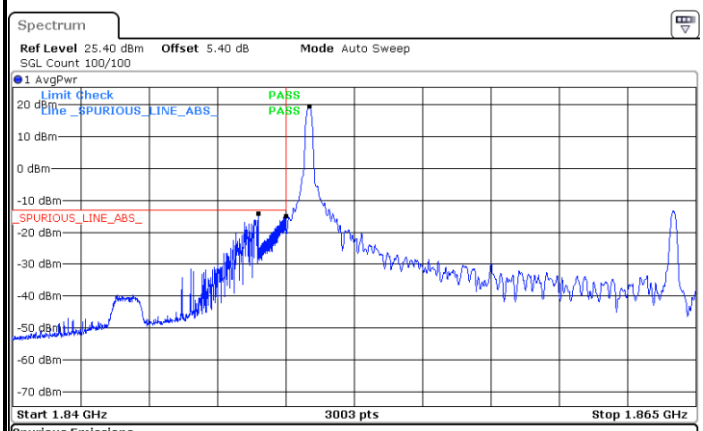
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.915 GHz	100.000 kHz	1.90479 GHz	1.46 dBm	-28.54 dB
1.915 GHz	1.916 GHz	150.000 kHz	1.91501 GHz	-27.08 dBm	-14.08 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91606 GHz	-25.30 dBm	-12.30 dB

Date: 9.FEB.2023 12:54:23

LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

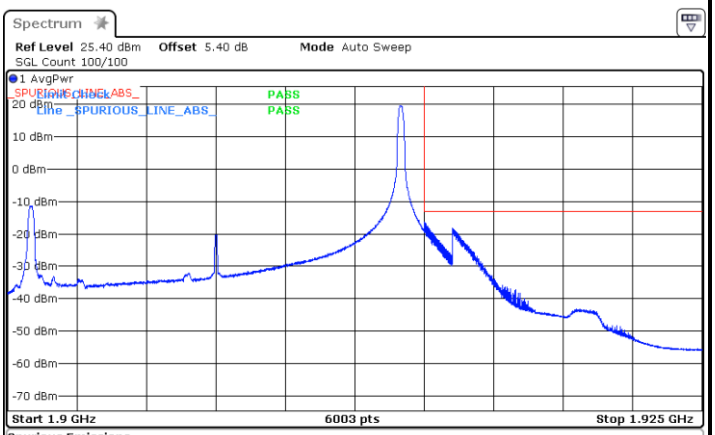


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-14.06 dBm	-1.06 dB
1.849 GHz	1.850 GHz	150.000 kHz	1.85000 GHz	-15.05 dBm	-2.05 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85085 GHz	19.47 dBm	-10.53 dB

Date: 9.FEB.2023 14:02:50

Highest Band Edge / 1 RB

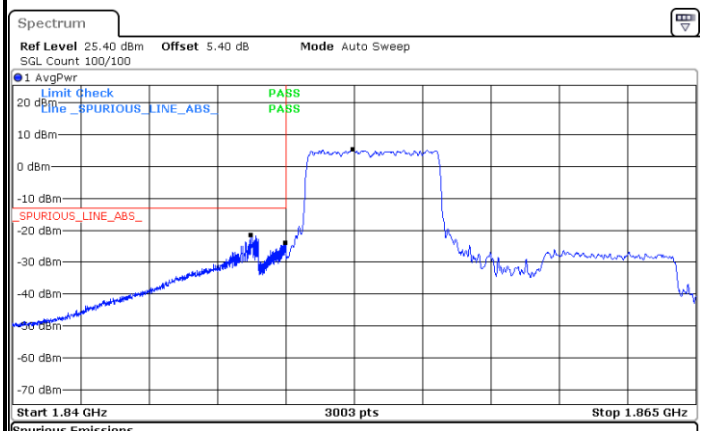


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.915 GHz	100.000 kHz	1.91412 GHz	19.50 dBm	-10.50 dB
1.915 GHz	1.916 GHz	150.000 kHz	1.91501 GHz	-16.27 dBm	-3.27 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91602 GHz	-18.36 dBm	-5.36 dB

Date: 9.FEB.2023 14:05:16

Lowest Band Edge / Full RB

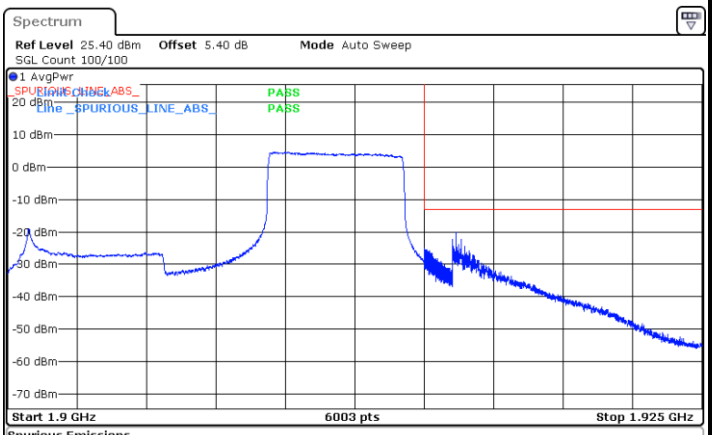


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84871 GHz	-21.54 dBm	-8.54 dB
1.849 GHz	1.850 GHz	150.000 kHz	1.84998 GHz	-23.86 dBm	-10.86 dB
1.850 GHz	1.865 GHz	100.000 kHz	1.85245 GHz	5.34 dBm	-24.66 dB

Date: 9.FEB.2023 13:51:59

Highest Band Edge / Full RB



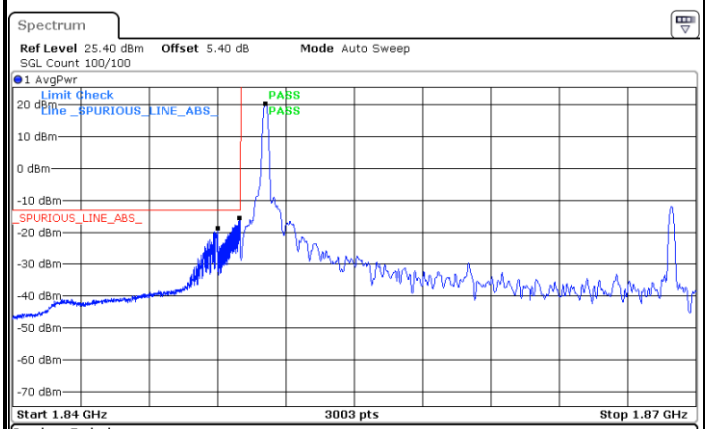
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.915 GHz	100.000 kHz	1.91009 GHz	4.58 dBm	-25.42 dB
1.915 GHz	1.916 GHz	150.000 kHz	1.91501 GHz	-25.07 dBm	-12.07 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91614 GHz	-20.22 dBm	-7.22 dB

Date: 9.FEB.2023 13:53:09

LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB

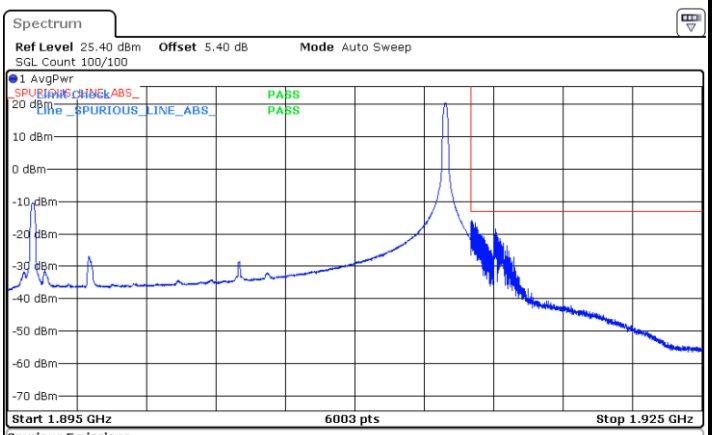


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-18.72 dBm	-5.72 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84994 GHz	-15.44 dBm	-2.44 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85109 GHz	20.34 dBm	-9.66 dB

Date: 9.FEB.2023 13:00:46

Highest Band Edge / 1 RB

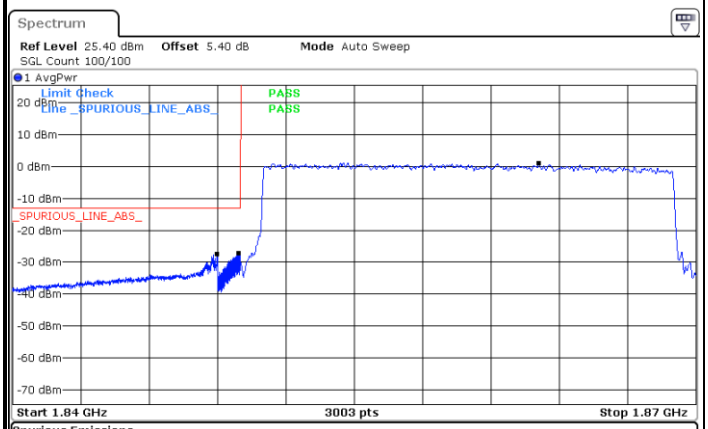


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.915 GHz	100.000 kHz	1.91389 GHz	20.37 dBm	-9.63 dB
1.915 GHz	1.916 GHz	200.000 kHz	1.91505 GHz	-15.81 dBm	-2.81 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91606 GHz	-18.50 dBm	-5.50 dB

Date: 9.FEB.2023 13:07:35

Lowest Band Edge / Full RB

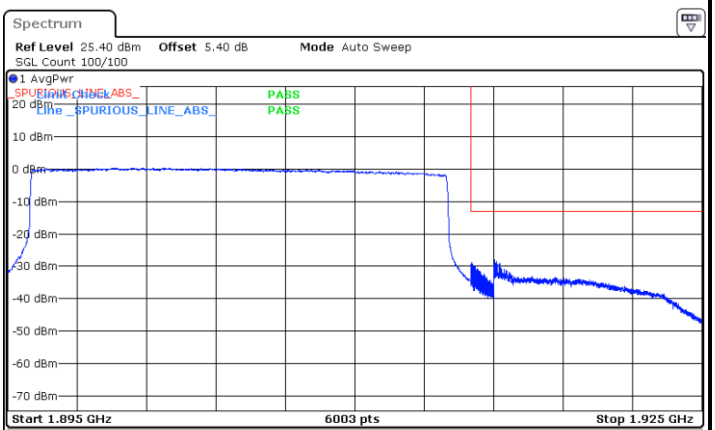


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84896 GHz	-27.32 dBm	-14.32 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84991 GHz	-27.17 dBm	-14.17 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86310 GHz	1.02 dBm	-28.98 dB

Date: 9.FEB.2023 12:57:45

Highest Band Edge / Full RB



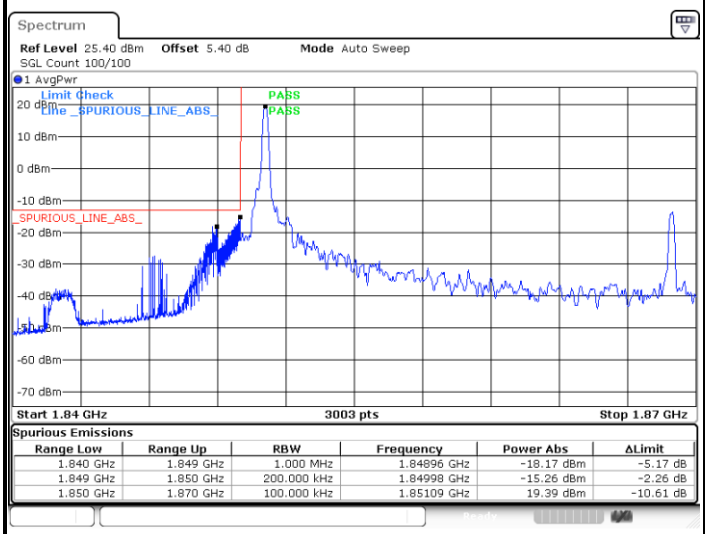
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.915 GHz	100.000 kHz	1.90041 GHz	0.31 dBm	-29.69 dB
1.915 GHz	1.916 GHz	200.000 kHz	1.91505 GHz	-28.70 dBm	-15.70 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91603 GHz	-27.87 dBm	-14.87 dB

Date: 9.FEB.2023 13:05:54

LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

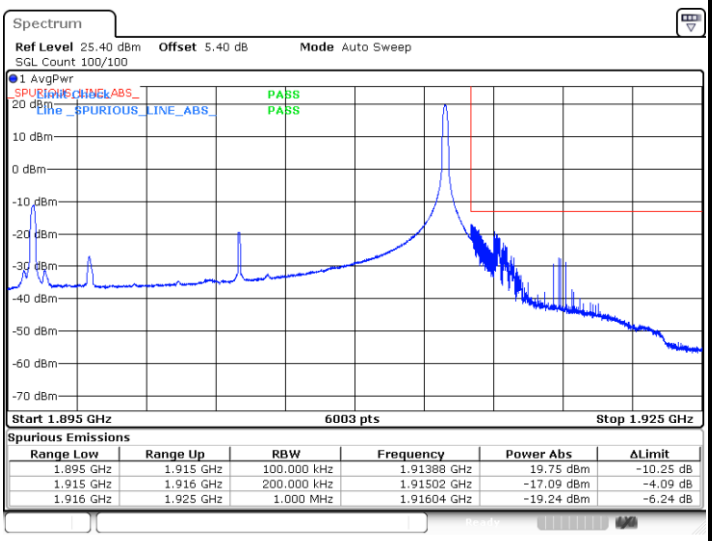


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84896 GHz	-18.17 dBm	-5.17 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-15.26 dBm	-2.26 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85109 GHz	19.39 dBm	-10.61 dB

Date: 9.FEB.2023 13:59:32

Highest Band Edge / 1 RB

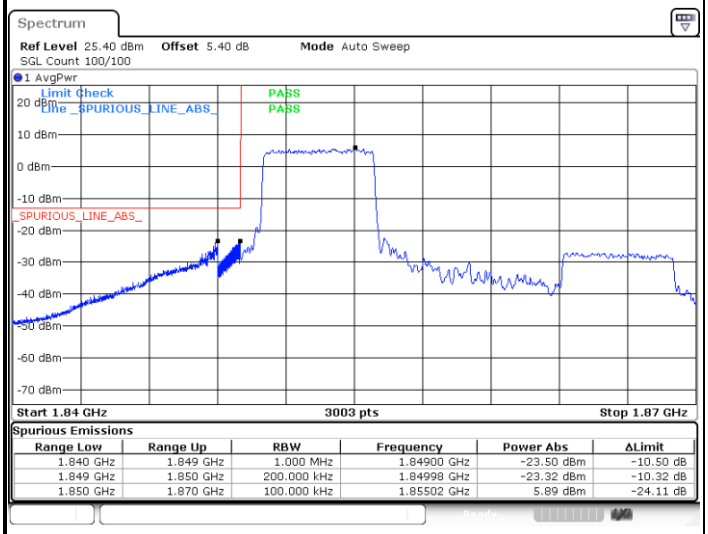


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.915 GHz	100.000 kHz	1.91388 GHz	19.75 dBm	-10.25 dB
1.915 GHz	1.916 GHz	200.000 kHz	1.91502 GHz	-17.09 dBm	-4.09 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91604 GHz	-19.24 dBm	-6.24 dB

Date: 9.FEB.2023 13:58:54

Lowest Band Edge / Full RB

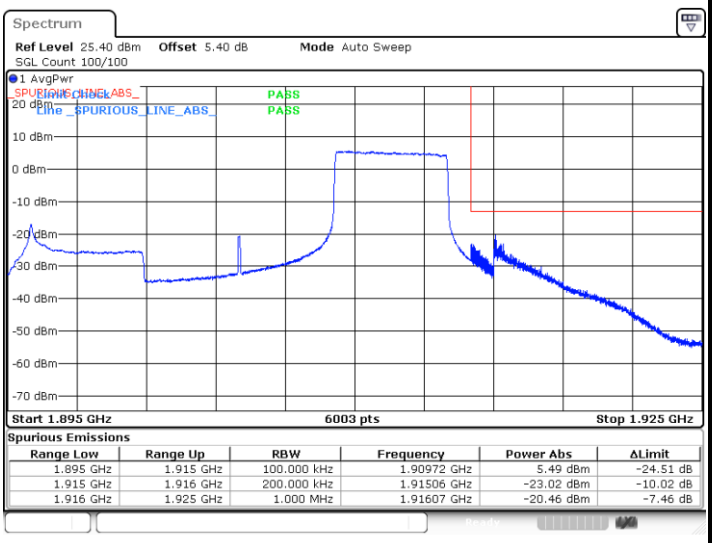


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-23.50 dBm	-10.50 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84998 GHz	-23.32 dBm	-10.32 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85502 GHz	5.89 dBm	-24.11 dB

Date: 9.FEB.2023 13:55:29

Highest Band Edge / Full RB



Spurious Emissions

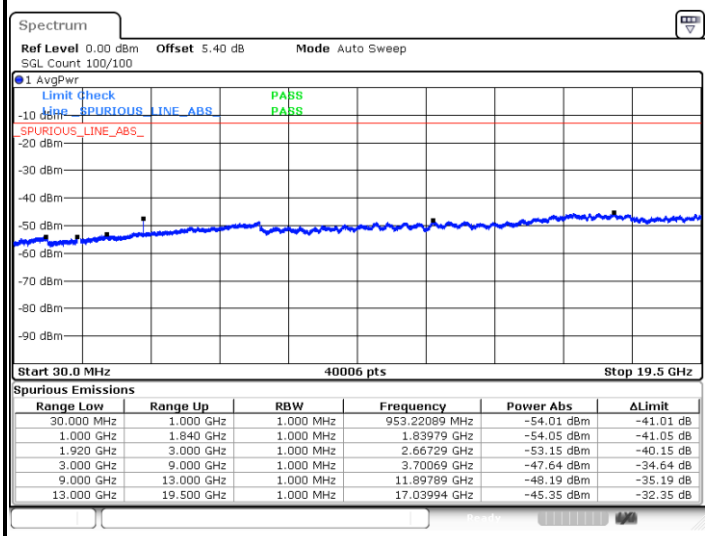
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.895 GHz	1.915 GHz	100.000 kHz	1.90972 GHz	5.49 dBm	-24.51 dB
1.915 GHz	1.916 GHz	200.000 kHz	1.91506 GHz	-23.02 dBm	-10.02 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91607 GHz	-20.46 dBm	-7.46 dB

Date: 9.FEB.2023 13:57:16

Conducted Spurious Emission

LTE Band 25 / 1.4MHz

Lowest Channel / QPSK

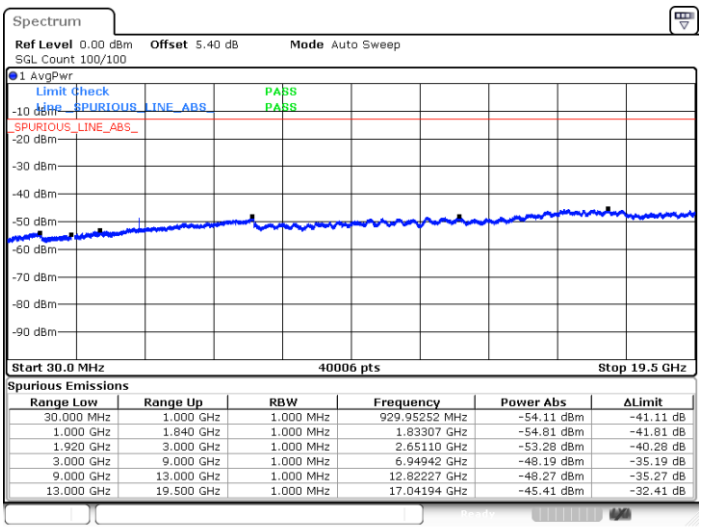


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-54.01 dBm	-41.01 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-54.05 dBm	-41.05 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66729 GHz	-53.15 dBm	-40.15 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-47.64 dBm	-34.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.89789 GHz	-48.19 dBm	-35.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03994 GHz	-45.35 dBm	-32.35 dB

Date: 9.FEB.2023 10:02:40

Middle Channel / QPSK

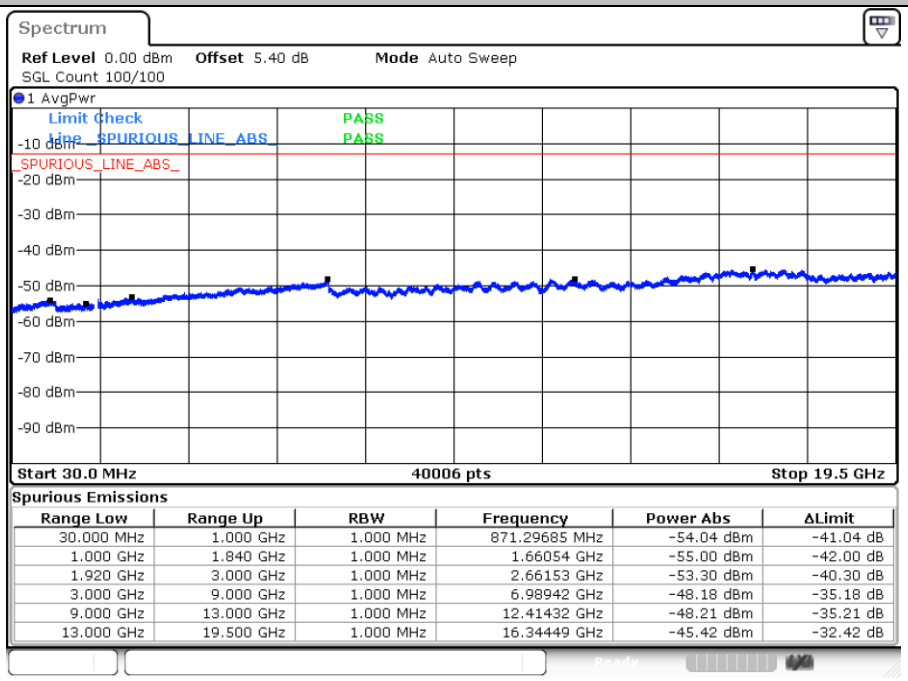


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-54.11 dBm	-41.11 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-54.81 dBm	-41.81 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65110 GHz	-53.28 dBm	-40.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94942 GHz	-48.19 dBm	-35.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82227 GHz	-48.27 dBm	-35.27 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04194 GHz	-45.41 dBm	-32.41 dB

Date: 9.FEB.2023 10:12:13

Highest Channel / QPSK



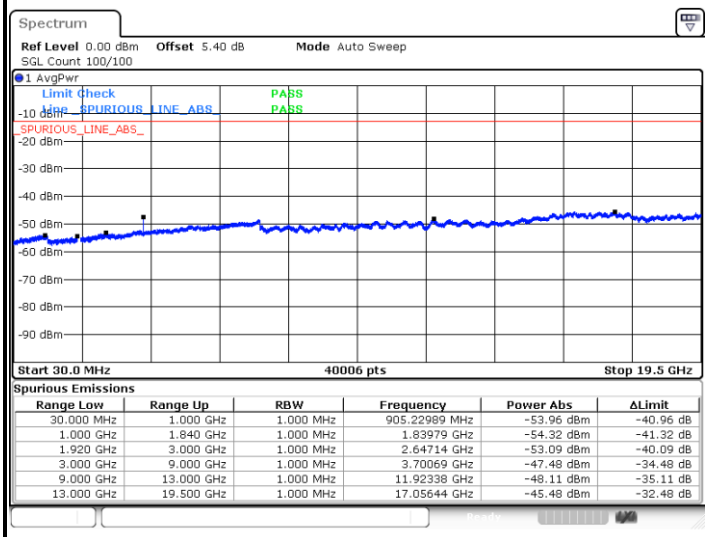
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.29685 MHz	-54.04 dBm	-41.04 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66054 GHz	-55.00 dBm	-42.00 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66153 GHz	-53.30 dBm	-40.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-48.18 dBm	-35.18 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.41432 GHz	-48.21 dBm	-35.21 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.34449 GHz	-45.42 dBm	-32.42 dB

Date: 9.FEB.2023 10:13:34

LTE Band 25 / 3MHz

Lowest Channel / QPSK

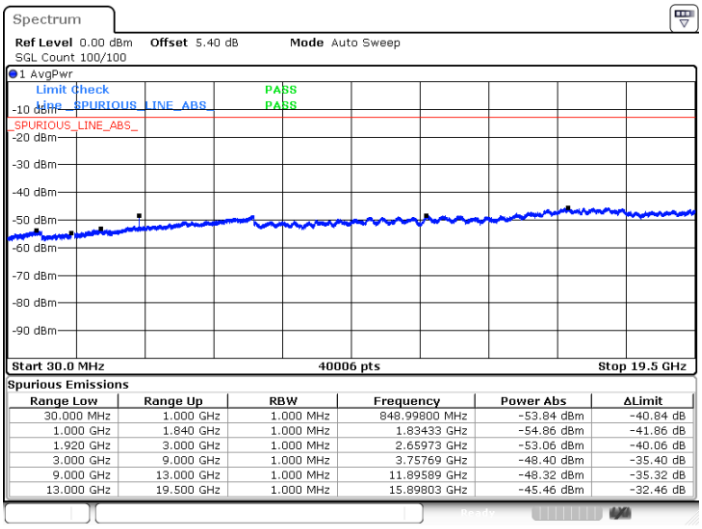


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-53.96 dBm	-40.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-54.32 dBm	-41.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.64714 GHz	-53.09 dBm	-40.09 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70069 GHz	-47.48 dBm	-34.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92338 GHz	-48.11 dBm	-35.11 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05644 GHz	-45.48 dBm	-32.48 dB

Date: 9.FEB.2023 10:25:03

Middle Channel / QPSK

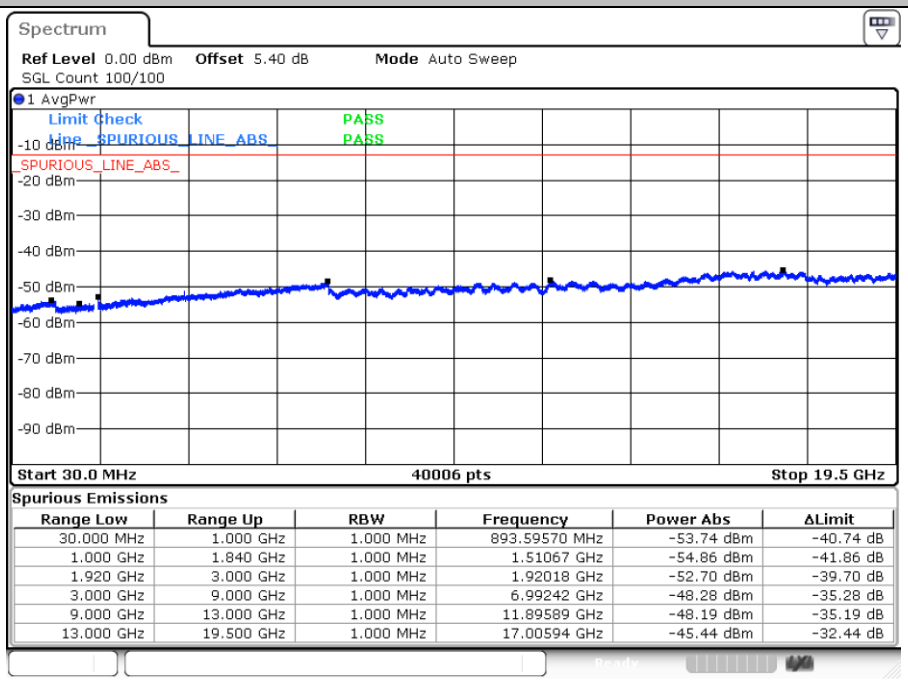


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	848.99800 MHz	-53.84 dBm	-40.84 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83433 GHz	-54.86 dBm	-41.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65973 GHz	-53.06 dBm	-40.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75769 GHz	-48.40 dBm	-35.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.89589 GHz	-48.32 dBm	-35.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.89803 GHz	-45.46 dBm	-32.46 dB

Date: 9.FEB.2023 10:31:12

Highest Channel / QPSK



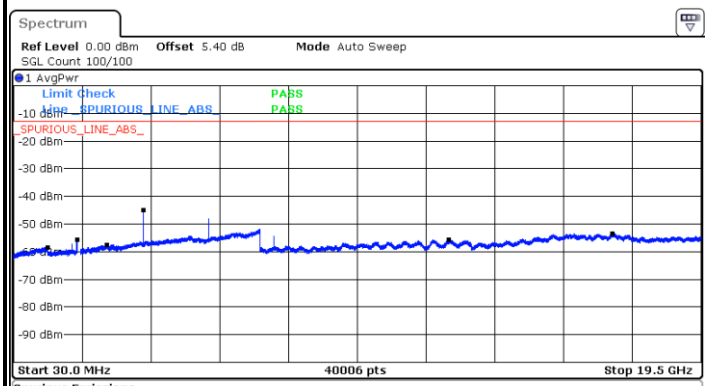
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.59570 MHz	-53.74 dBm	-40.74 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.51067 GHz	-54.86 dBm	-41.86 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-52.70 dBm	-39.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-48.28 dBm	-35.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.89589 GHz	-48.19 dBm	-35.19 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.00594 GHz	-45.44 dBm	-32.44 dB

Date: 9.FEB.2023 10:32:34

LTE Band 25 / 5MHz

Lowest Channel / QPSK

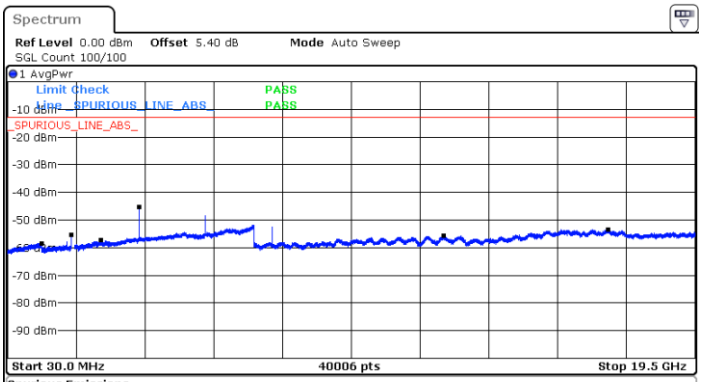


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-58.51 dBm	-45.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-55.54 dBm	-42.54 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.67881 GHz	-57.39 dBm	-44.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-44.92 dBm	-31.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.35683 GHz	-55.53 dBm	-42.53 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.98844 GHz	-53.36 dBm	-40.36 dB

Date: 9.FEB.2023 10:44:01

Middle Channel / QPSK

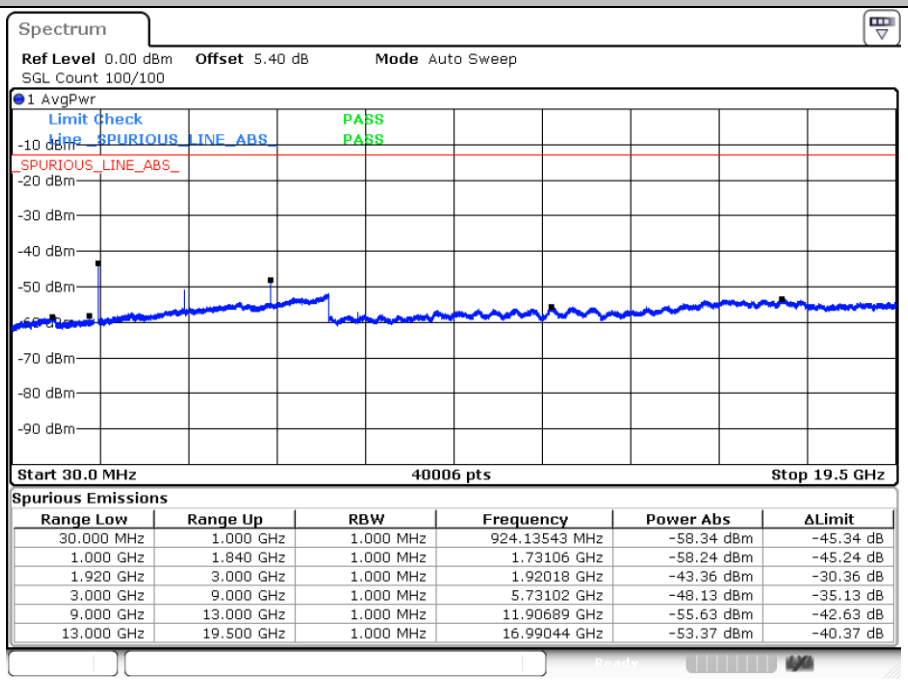


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-58.40 dBm	-45.40 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83307 GHz	-55.32 dBm	-42.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.65973 GHz	-57.32 dBm	-44.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75569 GHz	-45.26 dBm	-32.26 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.37083 GHz	-55.67 dBm	-42.67 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.02294 GHz	-53.33 dBm	-40.33 dB

Date: 9.FEB.2023 10:48:43

Highest Channel / QPSK



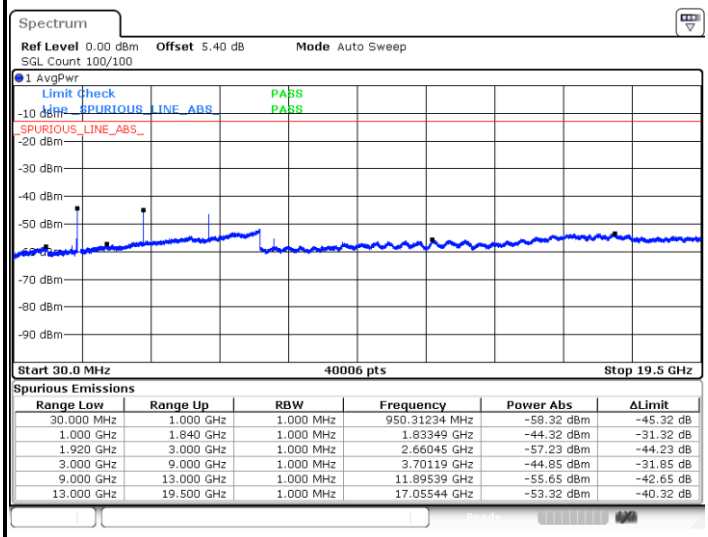
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.13543 MHz	-58.34 dBm	-45.34 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.73106 GHz	-58.24 dBm	-45.24 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-43.36 dBm	-30.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.73102 GHz	-48.13 dBm	-35.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90689 GHz	-55.63 dBm	-42.63 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.99044 GHz	-53.37 dBm	-40.37 dB

Date: 9.FEB.2023 10:51:33

LTE Band 25 / 10MHz

Lowest Channel / QPSK

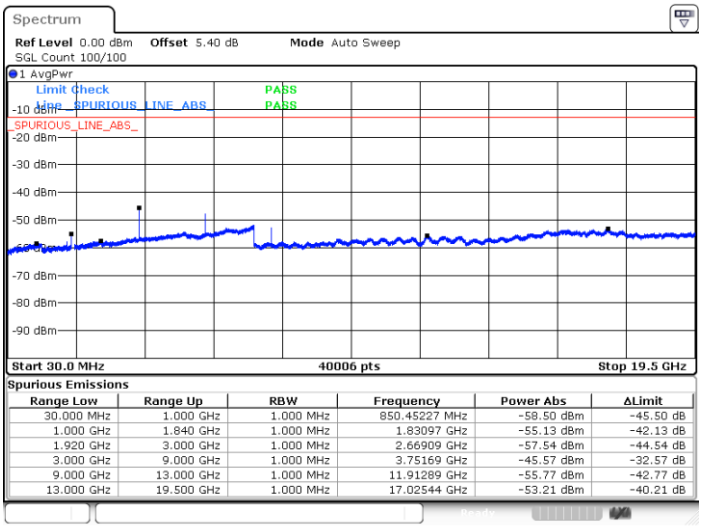


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	950.31234 MHz	-58.32 dBm	-45.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-44.32 dBm	-31.32 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66045 GHz	-57.23 dBm	-44.23 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70119 GHz	-44.85 dBm	-31.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.89539 GHz	-55.65 dBm	-42.65 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05544 GHz	-53.32 dBm	-40.32 dB

Date: 9.FEB.2023 11:04:40

Middle Channel / QPSK

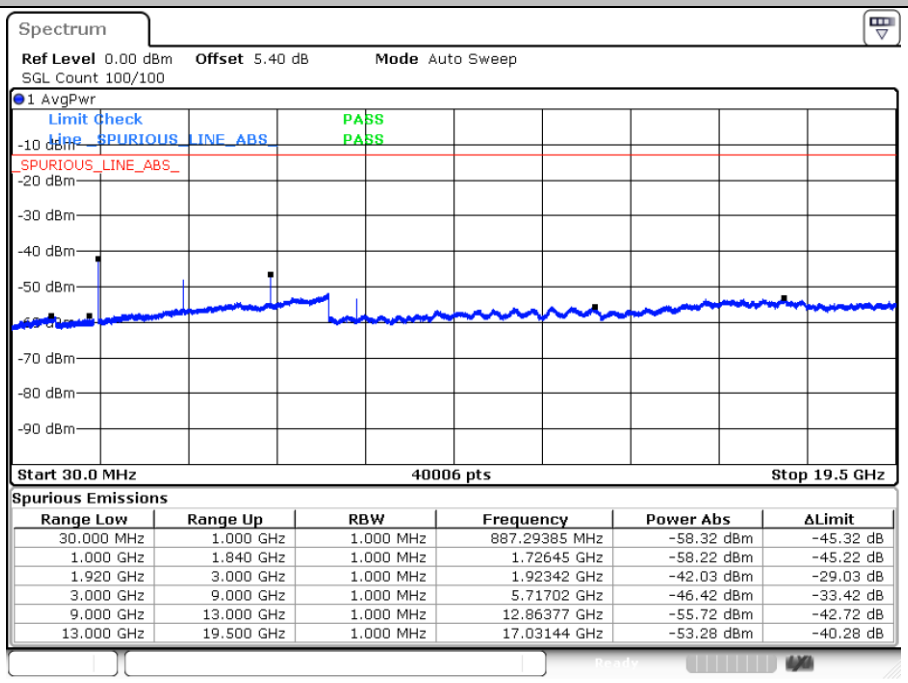


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	850.45227 MHz	-58.50 dBm	-45.50 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83097 GHz	-55.13 dBm	-42.13 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.66909 GHz	-57.54 dBm	-44.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.75169 GHz	-45.57 dBm	-32.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91289 GHz	-55.77 dBm	-42.77 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.02544 GHz	-53.21 dBm	-40.21 dB

Date: 9.FEB.2023 11:07:41

Highest Channel / QPSK



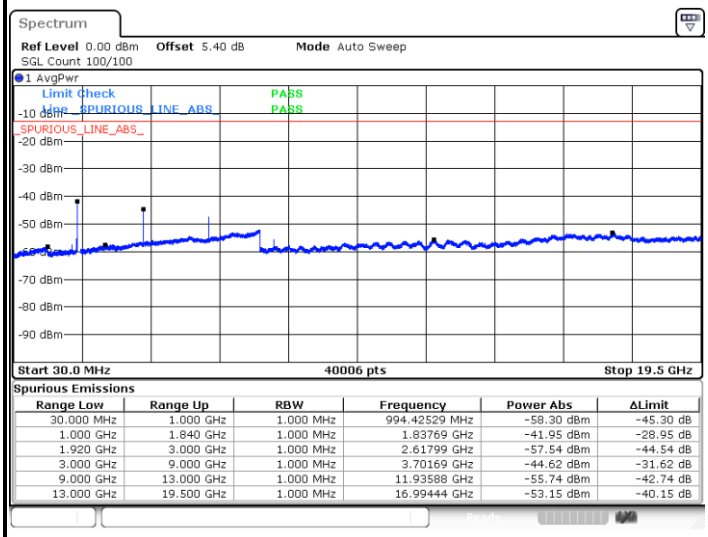
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	887.29385 MHz	-58.32 dBm	-45.32 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.72645 GHz	-58.22 dBm	-45.22 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92342 GHz	-42.03 dBm	-29.03 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.71702 GHz	-46.42 dBm	-33.42 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.86377 GHz	-55.72 dBm	-42.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03144 GHz	-53.28 dBm	-40.28 dB

Date: 9.FEB.2023 11:10:31

LTE Band 25 / 15MHz

Lowest Channel / QPSK

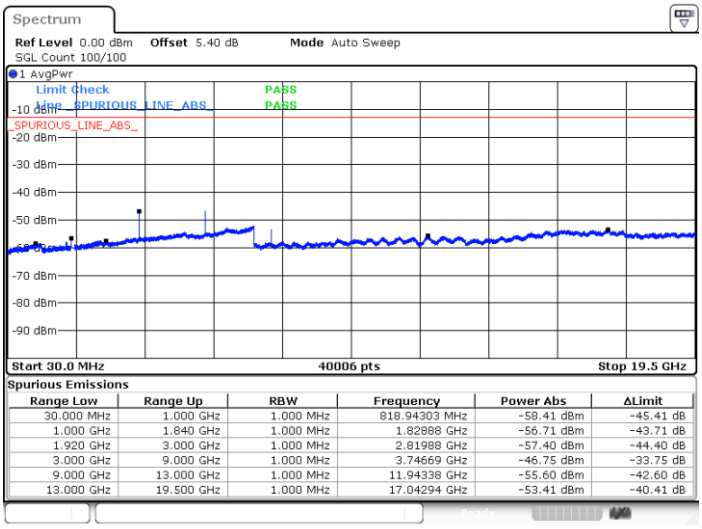


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-58.30 dBm	-45.30 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-41.95 dBm	-28.95 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.61799 GHz	-57.54 dBm	-44.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70169 GHz	-44.62 dBm	-31.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93588 GHz	-55.74 dBm	-42.74 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.99444 GHz	-53.15 dBm	-40.15 dB

Date: 9.FEB.2023 12:47:36

Middle Channel / QPSK

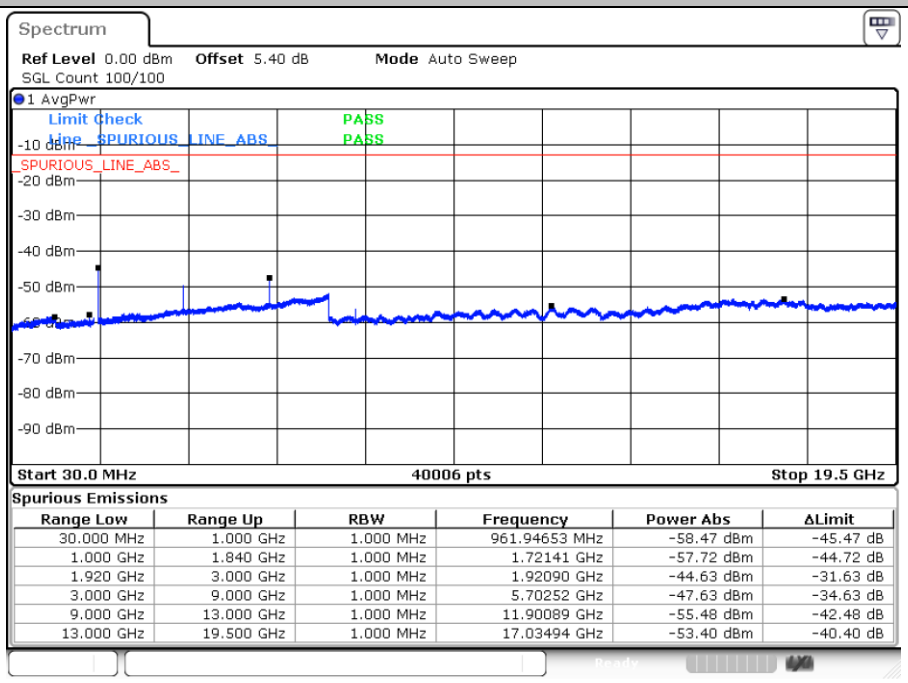


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	818.94303 MHz	-58.41 dBm	-45.41 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82888 GHz	-56.71 dBm	-43.71 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.81988 GHz	-57.40 dBm	-44.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74669 GHz	-46.75 dBm	-33.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94338 GHz	-55.60 dBm	-42.60 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04294 GHz	-53.41 dBm	-40.41 dB

Date: 9.FEB.2023 12:50:37

Highest Channel / QPSK



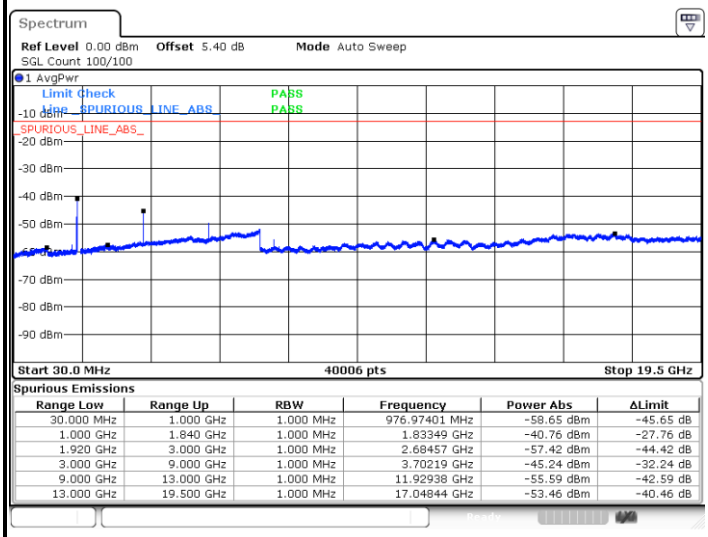
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.94653 MHz	-58.47 dBm	-45.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.72141 GHz	-57.72 dBm	-44.72 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92090 GHz	-44.63 dBm	-31.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.70252 GHz	-47.63 dBm	-34.63 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90089 GHz	-55.48 dBm	-42.48 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.03494 GHz	-53.40 dBm	-40.40 dB

Date: 9.FEB.2023 12:52:43

LTE Band 25 / 20MHz

Lowest Channel / QPSK

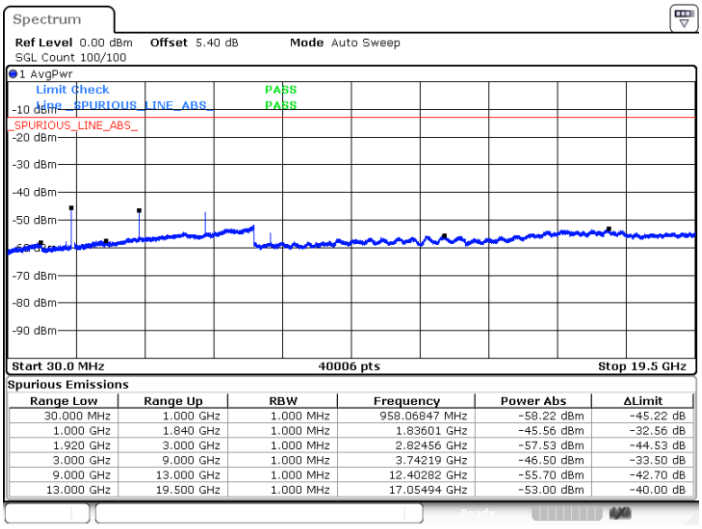


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-58.65 dBm	-45.65 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83349 GHz	-40.76 dBm	-27.76 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.68457 GHz	-57.42 dBm	-44.42 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.70219 GHz	-45.24 dBm	-32.24 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92938 GHz	-55.59 dBm	-42.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04844 GHz	-53.46 dBm	-40.46 dB

Date: 9.FEB.2023 12:59:06

Middle Channel / QPSK

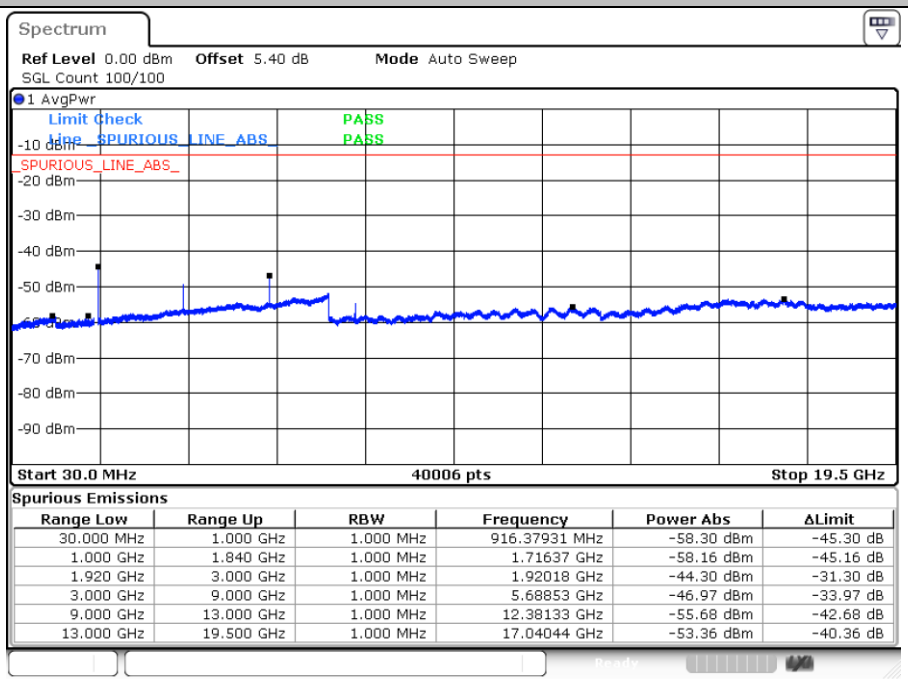


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-58.22 dBm	-45.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83601 GHz	-45.56 dBm	-32.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.82456 GHz	-57.53 dBm	-44.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.74219 GHz	-46.50 dBm	-33.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.40282 GHz	-55.70 dBm	-42.70 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.05494 GHz	-53.00 dBm	-40.00 dB

Date: 9.FEB.2023 13:02:08

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-58.30 dBm	-45.30 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.71637 GHz	-58.16 dBm	-45.16 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-44.30 dBm	-31.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	5.68853 GHz	-46.97 dBm	-33.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.38133 GHz	-55.68 dBm	-42.68 dB
13.000 GHz	19.500 GHz	1.000 MHz	17.04044 GHz	-53.36 dBm	-40.36 dB

Date: 9.FEB.2023 13:04:13

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0037	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0016	
20	End Point	0.0018	

Note:

1. Normal Voltage =3.8 V. ; End Point (BEP) =3.3 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

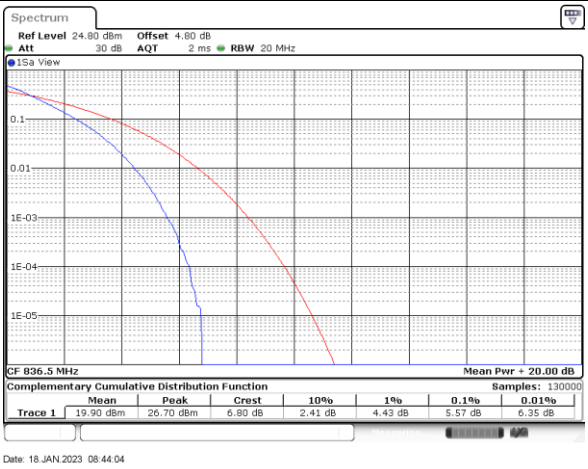
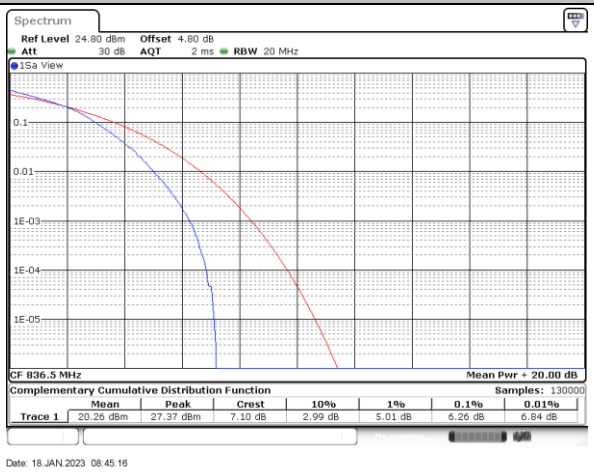
LTE Band 26_Part 22H

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz		
Mod.	QPSK	16QAM	Limit: 13dB
RB Size	Full RB	Full RB	Result
Middle CH	5.57	6.26	PASS

LTE Band 26 / 15MHz

Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM