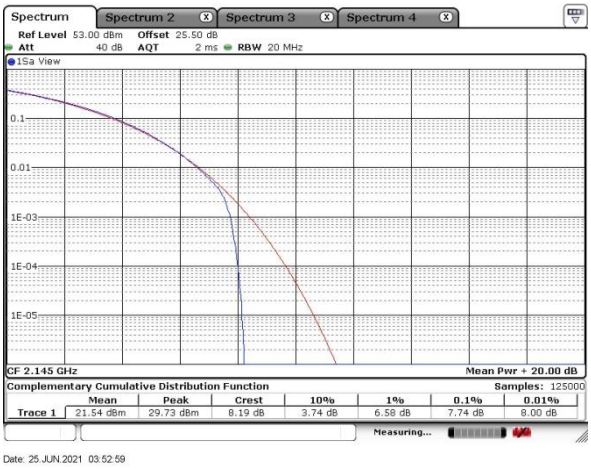
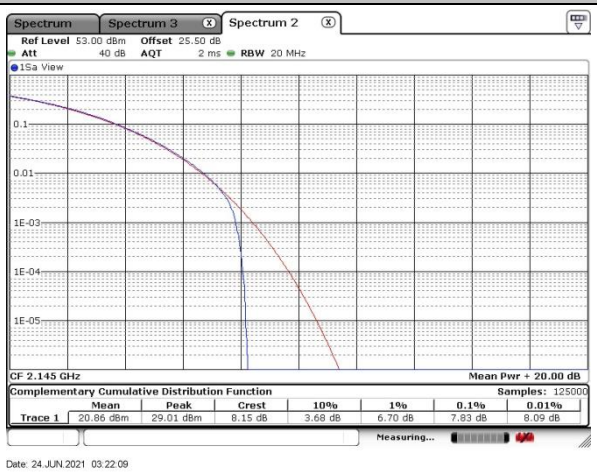
LTE Band 66 / 20MHz

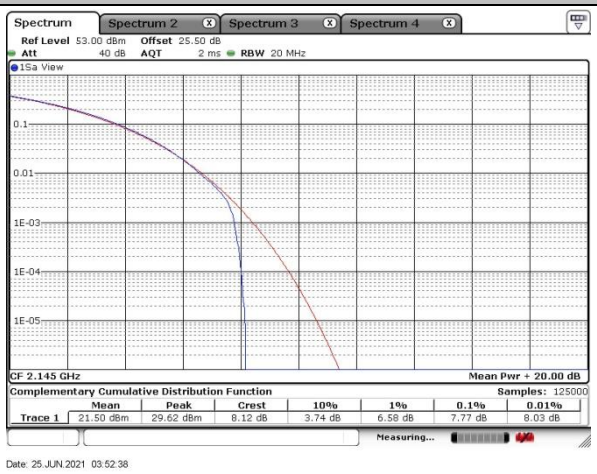
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



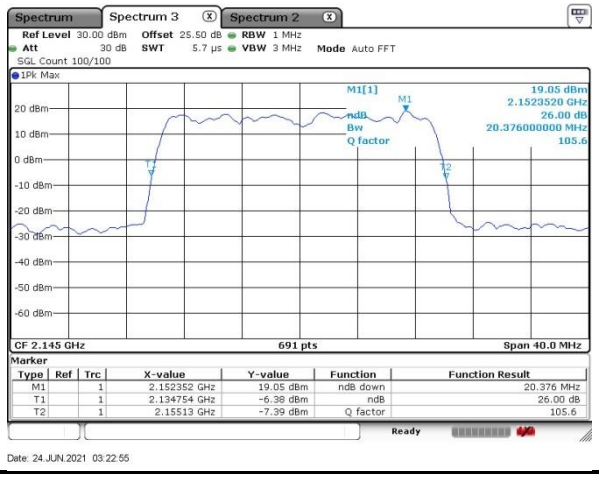
Middle Channel / Full RB/ 64QAM

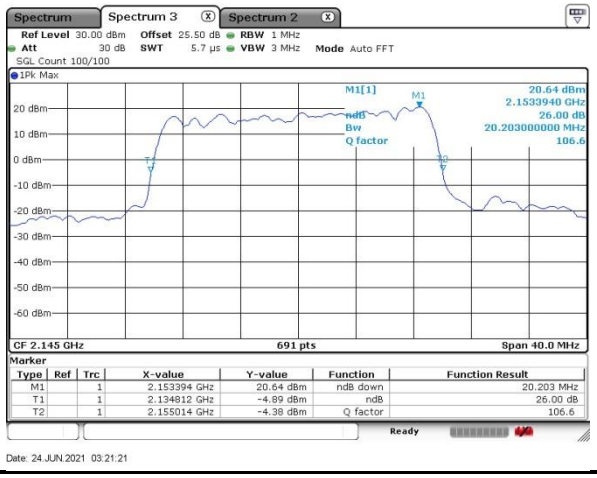


26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.38	20.20

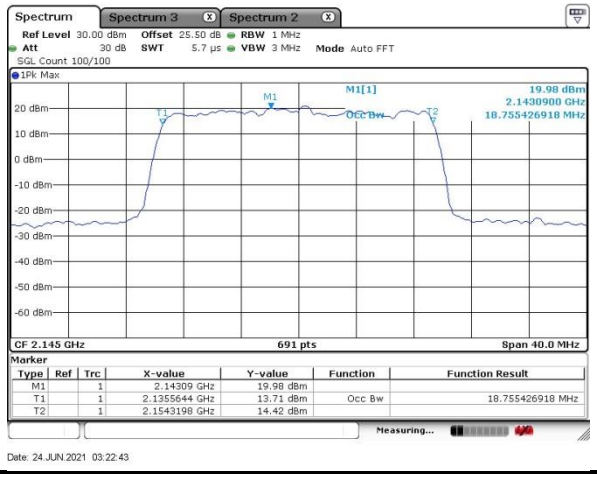
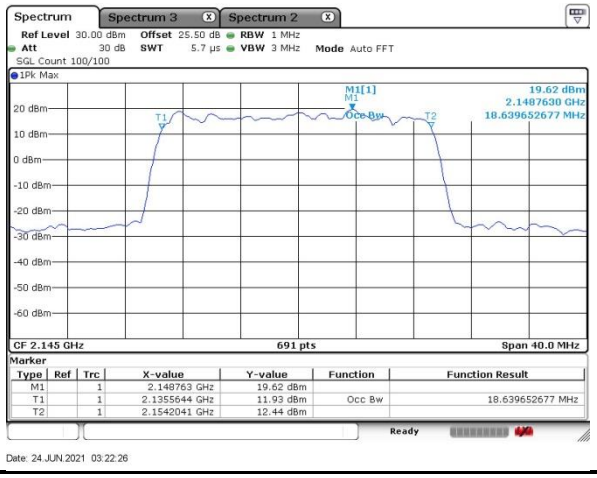
LTE Band 66	
Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

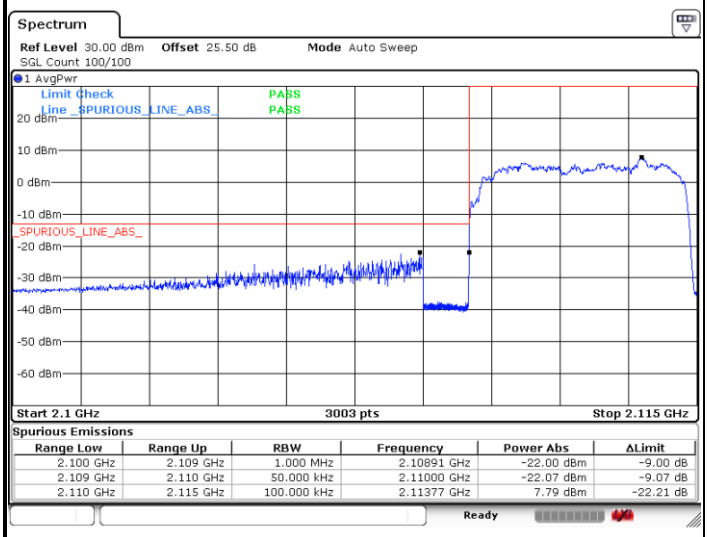
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.76	18.64

LTE Band 66	
Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM
	

Conducted Band Edge

LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB

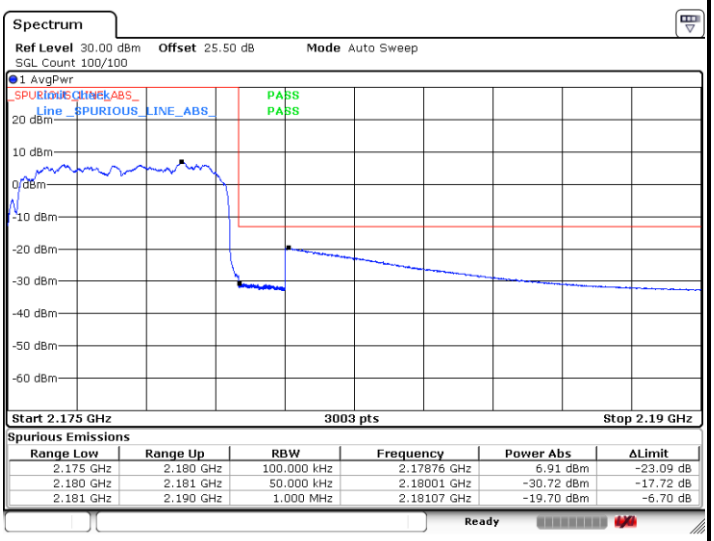


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10891 GHz	-22.00 dBm	-9.00 dB
2.109 GHz	2.110 GHz	50.000 kHz	2.11000 GHz	-22.07 dBm	-9.07 dB
2.110 GHz	2.115 GHz	100.000 kHz	2.11377 GHz	7.79 dBm	-22.21 dB

Date: 1.JUL.2021 10:02:50

Highest Band Edge / Full RB



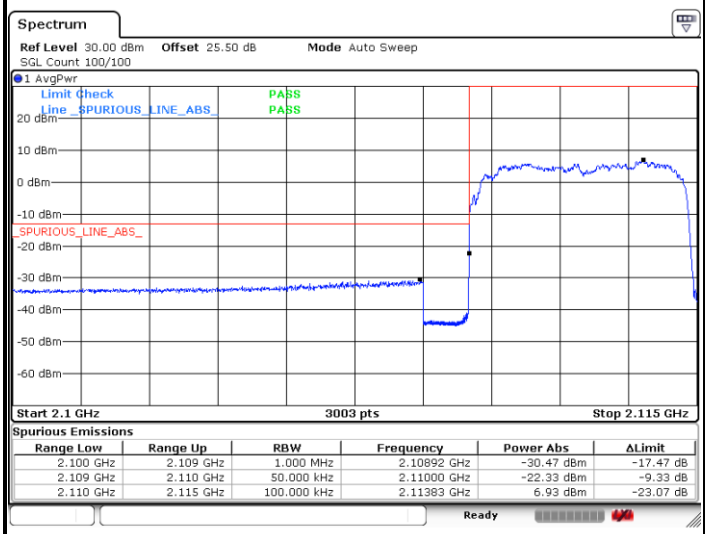
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.175 GHz	2.180 GHz	100.000 kHz	2.17876 GHz	6.91 dBm	-23.09 dB
2.180 GHz	2.181 GHz	50.000 kHz	2.18001 GHz	-30.72 dBm	-17.72 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18107 GHz	-19.70 dBm	-6.70 dB

Date: 1.JUL.2021 10:15:58

LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB

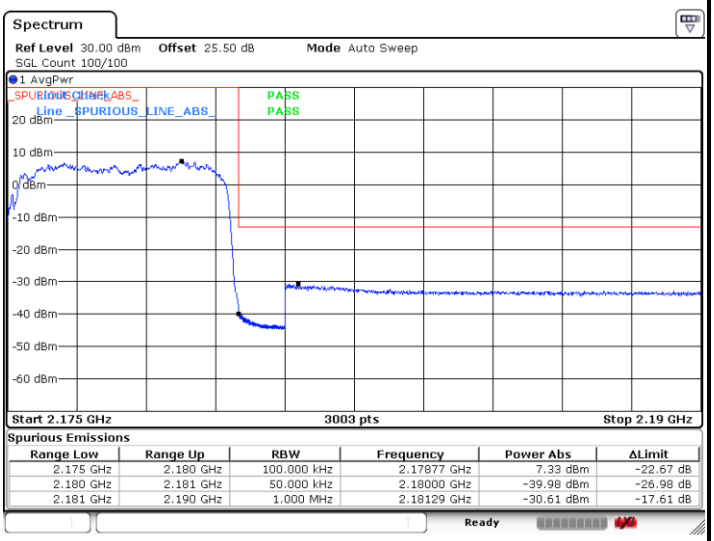


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10892 GHz	-30.47 dBm	-17.47 dB
2.109 GHz	2.110 GHz	50.000 kHz	2.11000 GHz	-22.33 dBm	-9.33 dB
2.110 GHz	2.115 GHz	100.000 kHz	2.11383 GHz	6.93 dBm	-23.07 dB

Date: 1.JUL.2021 09:59:22

Highest Band Edge / Full RB



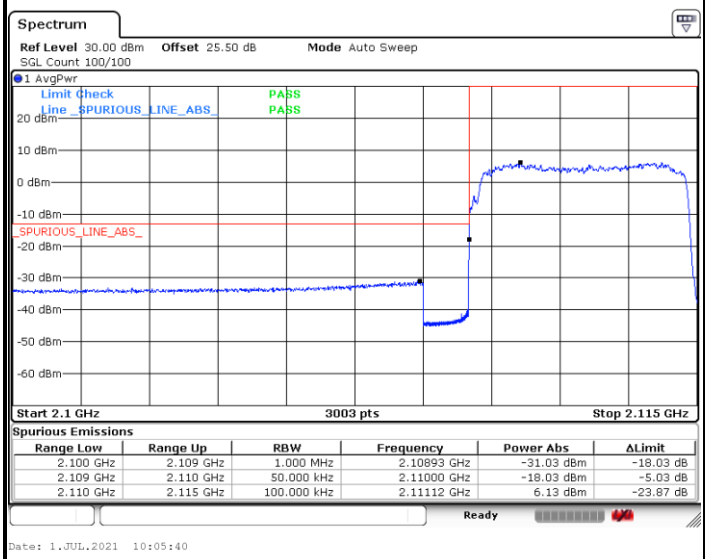
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.175 GHz	2.180 GHz	100.000 kHz	2.17877 GHz	7.33 dBm	-22.67 dB
2.180 GHz	2.181 GHz	50.000 kHz	2.18000 GHz	-39.98 dBm	-26.98 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18129 GHz	-30.61 dBm	-17.61 dB

Date: 1.JUL.2021 10:11:44

LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB



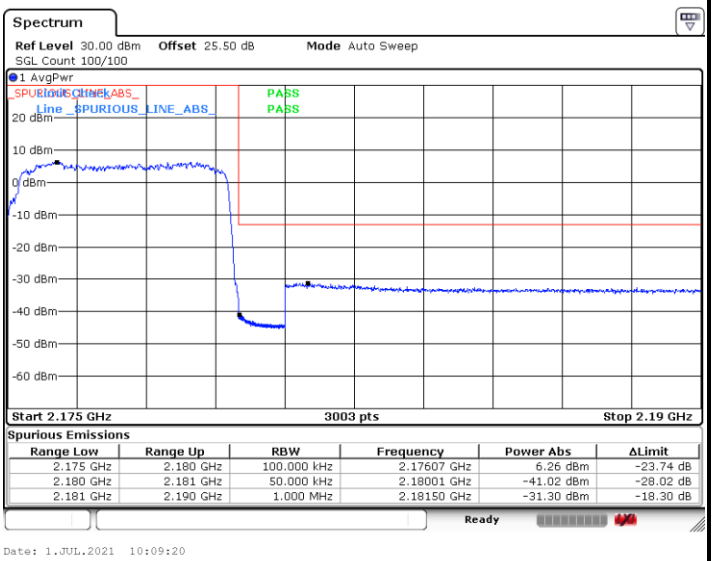
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10893 GHz	-31.03 dBm	-18.03 dB
2.109 GHz	2.110 GHz	50.000 kHz	2.11000 GHz	-18.03 dBm	-5.03 dB
2.110 GHz	2.115 GHz	100.000 kHz	2.11112 GHz	6.13 dBm	-23.87 dB

Ready

Date: 1.JUL.2021 10:05:40

Highest Band Edge / Full RB



Spurious Emissions

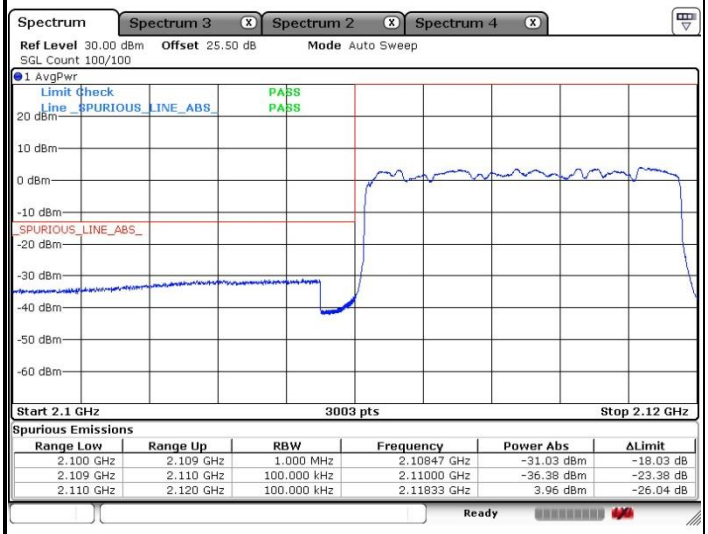
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.175 GHz	2.180 GHz	100.000 kHz	2.17607 GHz	6.26 dBm	-23.74 dB
2.180 GHz	2.181 GHz	50.000 kHz	2.18001 GHz	-41.02 dBm	-28.02 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18150 GHz	-31.30 dBm	-18.30 dB

Ready

Date: 1.JUL.2021 10:09:20

LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB

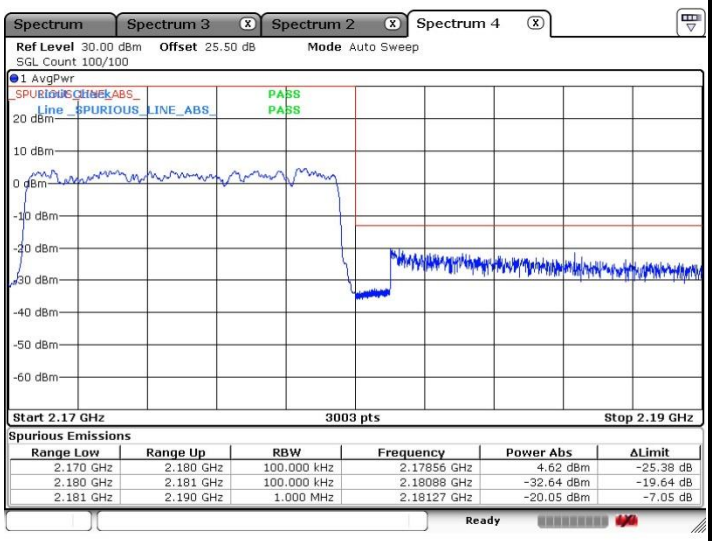


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10847 GHz	-31.03 dBm	-18.03 dB
2.109 GHz	2.110 GHz	100.000 kHz	2.11000 GHz	-36.38 dBm	-23.38 dB
2.110 GHz	2.120 GHz	100.000 kHz	2.11833 GHz	3.96 dBm	-26.04 dB

Date: 24.JUN.2021 04:40:55

Highest Band Edge / Full RB



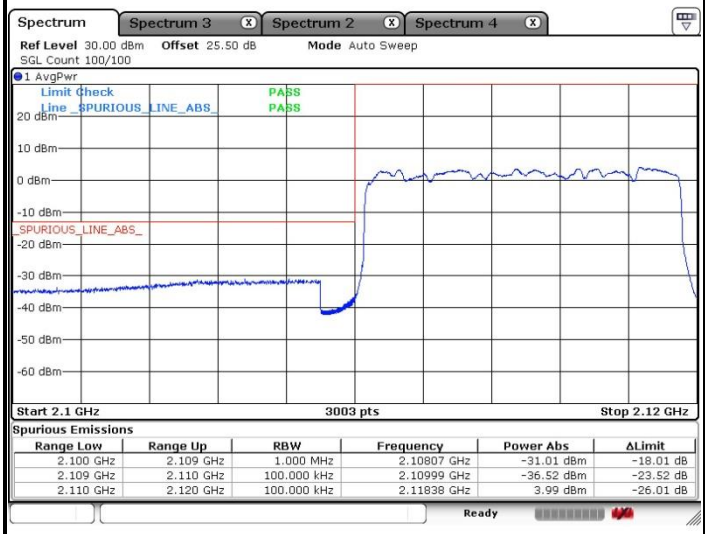
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.170 GHz	2.180 GHz	100.000 kHz	2.17856 GHz	4.62 dBm	-25.38 dB
2.180 GHz	2.181 GHz	100.000 kHz	2.18088 GHz	-32.64 dBm	-19.64 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18127 GHz	-20.05 dBm	-7.05 dB

Date: 24.JUN.2021 04:48:57

LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / Full RB

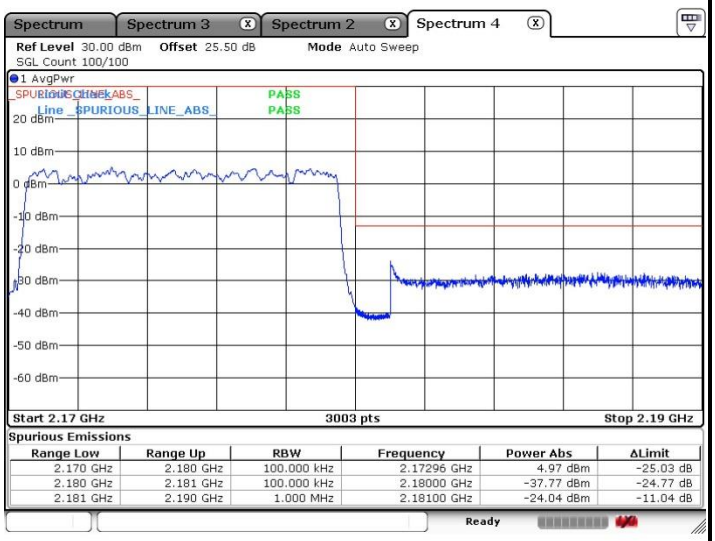


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10807 GHz	-31.01 dBm	-18.01 dB
2.109 GHz	2.110 GHz	100.000 kHz	2.10999 GHz	-36.52 dBm	-23.52 dB
2.110 GHz	2.120 GHz	100.000 kHz	2.11838 GHz	3.99 dBm	-26.01 dB

Date: 24.JUN.2021 04:41:33

Highest Band Edge / Full RB



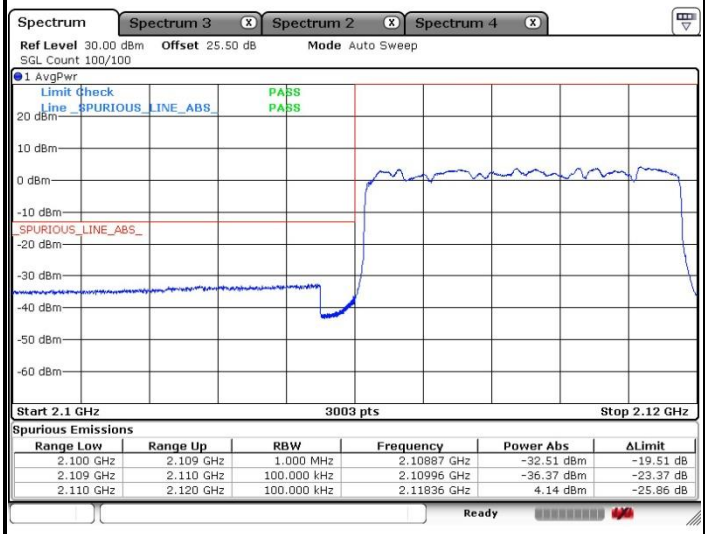
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.170 GHz	2.180 GHz	100.000 kHz	2.17296 GHz	4.97 dBm	-25.03 dB
2.180 GHz	2.181 GHz	100.000 kHz	2.18000 GHz	-37.77 dBm	-24.77 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18100 GHz	-24.04 dBm	-11.04 dB

Date: 24.JUN.2021 04:49:35

LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / Full RB

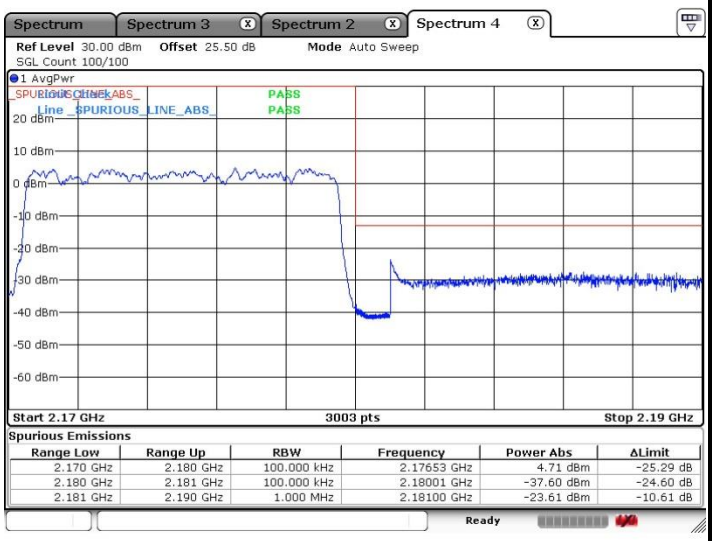


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10887 GHz	-32.51 dBm	-19.51 dB
2.109 GHz	2.110 GHz	100.000 kHz	2.10996 GHz	-36.37 dBm	-23.37 dB
2.110 GHz	2.120 GHz	100.000 kHz	2.11836 GHz	4.14 dBm	-25.86 dB

Date: 24.JUN.2021 04:42:14

Highest Band Edge / Full RB



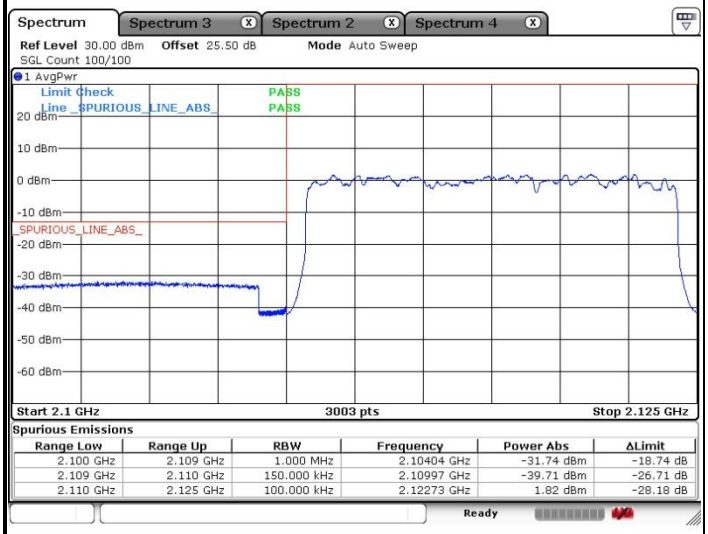
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.170 GHz	2.180 GHz	100.000 kHz	2.17653 GHz	4.71 dBm	-25.29 dB
2.180 GHz	2.181 GHz	100.000 kHz	2.18001 GHz	-37.60 dBm	-24.60 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18100 GHz	-23.61 dBm	-10.61 dB

Date: 24.JUN.2021 04:50:24

LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB

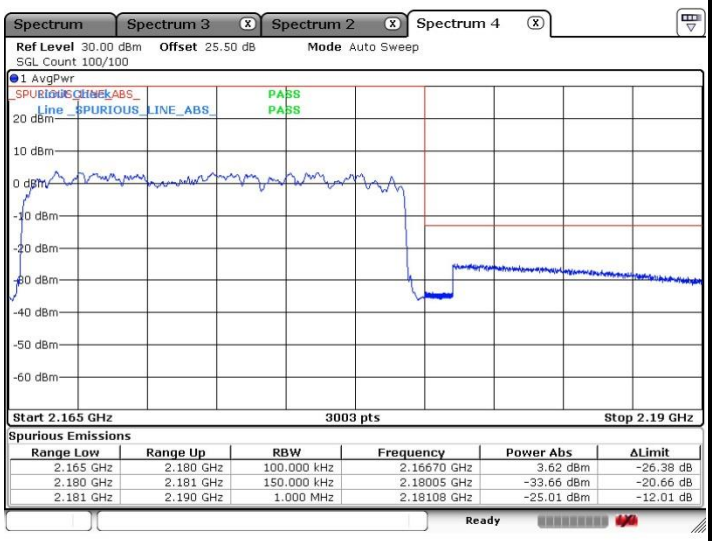


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10404 GHz	-31.74 dBm	-18.74 dB
2.109 GHz	2.110 GHz	150.000 kHz	2.10997 GHz	-39.71 dBm	-26.71 dB
2.110 GHz	2.125 GHz	100.000 kHz	2.12273 GHz	1.82 dBm	-28.18 dB

Date: 24.JUN.2021 04:12:16

Highest Band Edge / Full RB



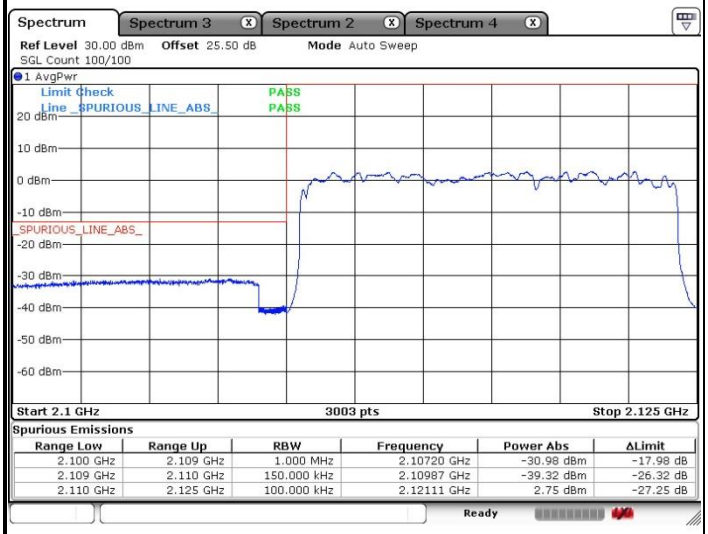
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.165 GHz	2.180 GHz	100.000 kHz	2.16670 GHz	3.62 dBm	-26.38 dB
2.180 GHz	2.181 GHz	150.000 kHz	2.18005 GHz	-33.66 dBm	-20.66 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18108 GHz	-25.01 dBm	-12.01 dB

Date: 24.JUN.2021 04:33:17

LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / Full RB

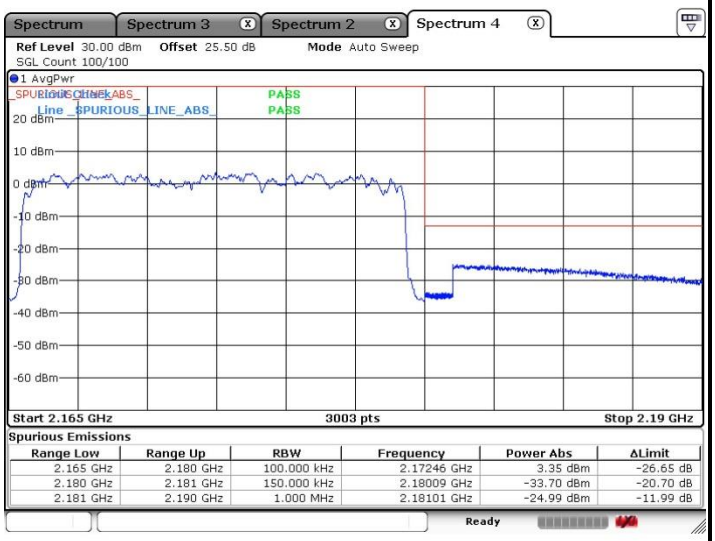


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10720 GHz	-30.98 dBm	-17.98 dB
2.109 GHz	2.110 GHz	150.000 kHz	2.10987 GHz	-39.32 dBm	-26.32 dB
2.110 GHz	2.125 GHz	100.000 kHz	2.12111 GHz	2.75 dBm	-27.25 dB

Date: 24.JUN.2021 04:14:23

Highest Band Edge / Full RB



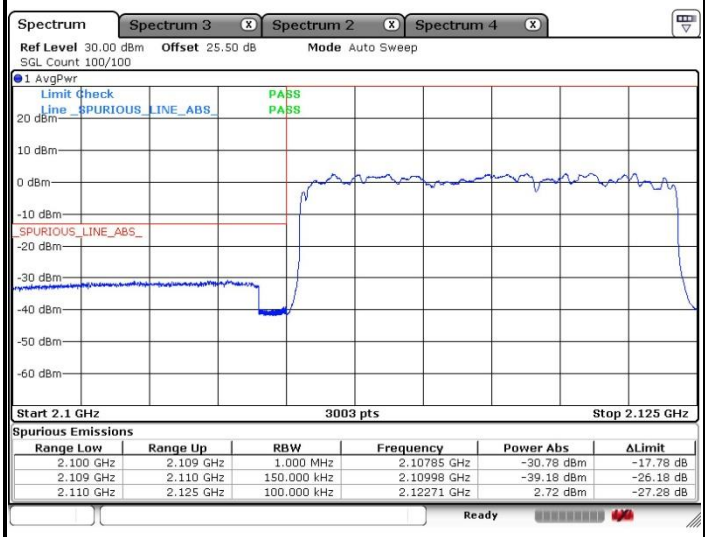
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.165 GHz	2.180 GHz	100.000 kHz	2.17246 GHz	3.35 dBm	-26.65 dB
2.180 GHz	2.181 GHz	150.000 kHz	2.18009 GHz	-33.70 dBm	-20.70 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18101 GHz	-24.99 dBm	-11.99 dB

Date: 24.JUN.2021 04:33:55

LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / Full RB

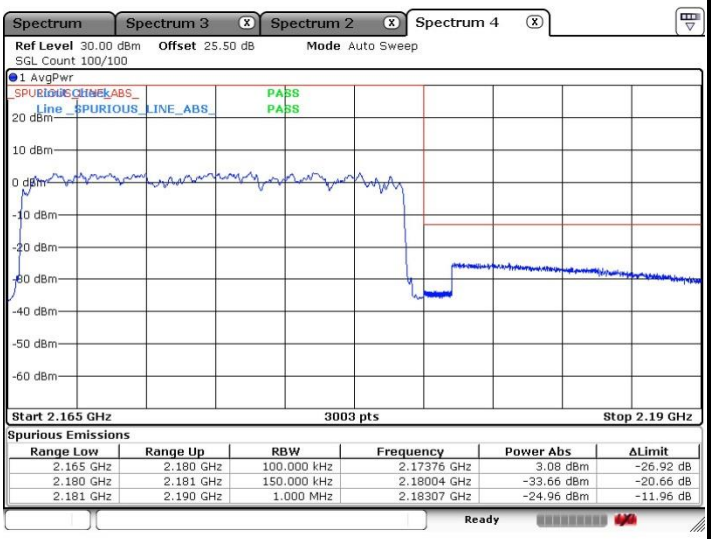


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10785 GHz	-30.78 dBm	-17.78 dB
2.109 GHz	2.110 GHz	150.000 kHz	2.10998 GHz	-39.18 dBm	-26.18 dB
2.110 GHz	2.125 GHz	100.000 kHz	2.12271 GHz	2.72 dBm	-27.28 dB

Date: 24.JUN.2021 04:15:16

Highest Band Edge / Full RB



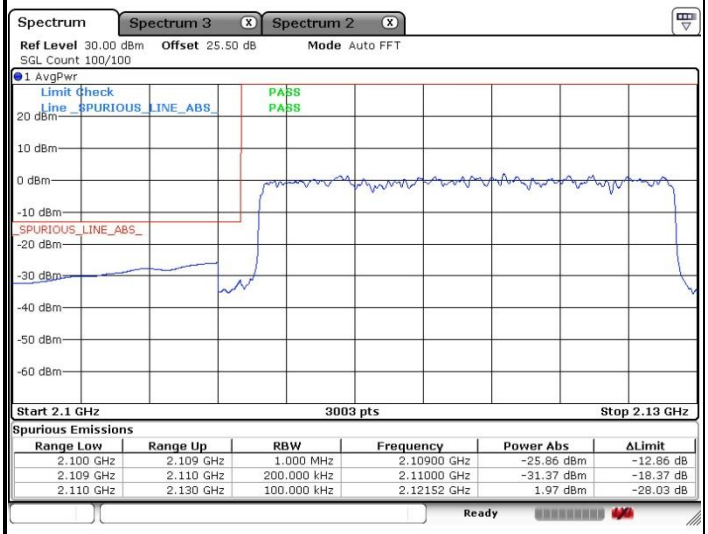
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.165 GHz	2.180 GHz	100.000 kHz	2.17376 GHz	3.08 dBm	-26.92 dB
2.180 GHz	2.181 GHz	150.000 kHz	2.18004 GHz	-33.66 dBm	-20.66 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18307 GHz	-24.96 dBm	-11.96 dB

Date: 24.JUN.2021 04:34:23

LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB

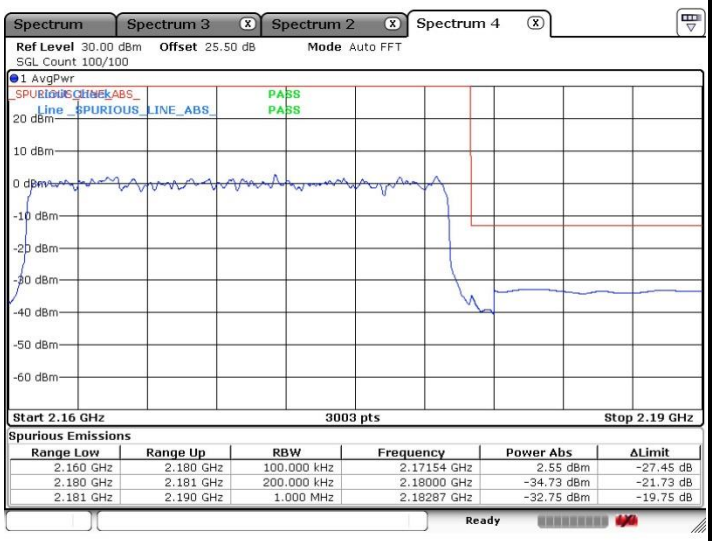


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10900 GHz	-25.86 dBm	-12.86 dB
2.109 GHz	2.110 GHz	200.000 kHz	2.11000 GHz	-31.37 dBm	-18.37 dB
2.110 GHz	2.130 GHz	100.000 kHz	2.12152 GHz	1.97 dBm	-28.03 dB

Date: 24.JUN.2021 03:29:27

Highest Band Edge / Full RB



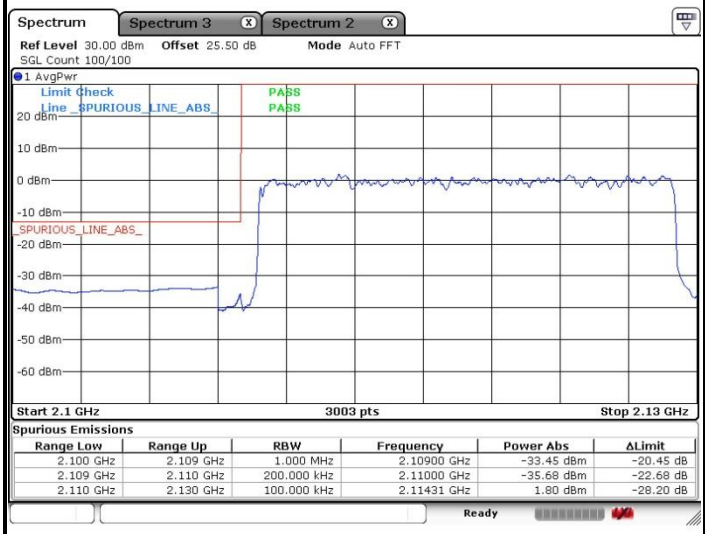
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.160 GHz	2.180 GHz	100.000 kHz	2.17154 GHz	2.55 dBm	-27.45 dB
2.180 GHz	2.181 GHz	200.000 kHz	2.18000 GHz	-34.73 dBm	-21.73 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18287 GHz	-32.75 dBm	-19.75 dB

Date: 24.JUN.2021 04:01:42

LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / Full RB

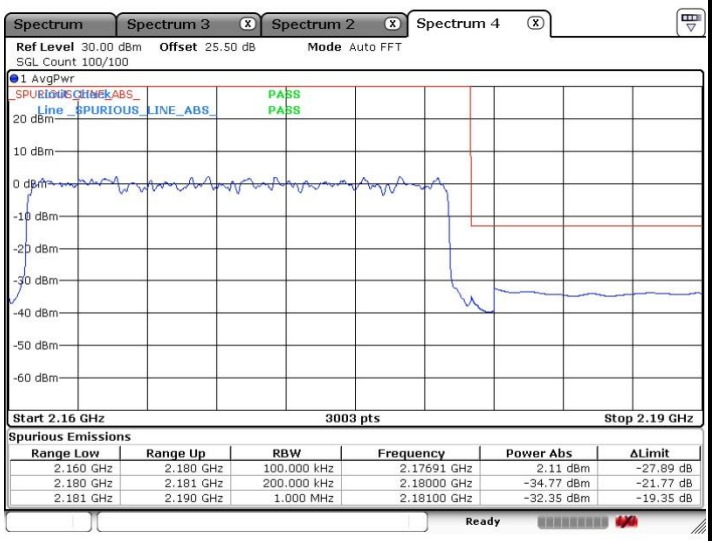


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10900 GHz	-33.45 dBm	-20.45 dB
2.109 GHz	2.110 GHz	200.000 kHz	2.11000 GHz	-35.68 dBm	-22.68 dB
2.110 GHz	2.130 GHz	100.000 kHz	2.11431 GHz	1.80 dBm	-28.20 dB

Date: 24.JUN.2021 03:52:36

Highest Band Edge / Full RB



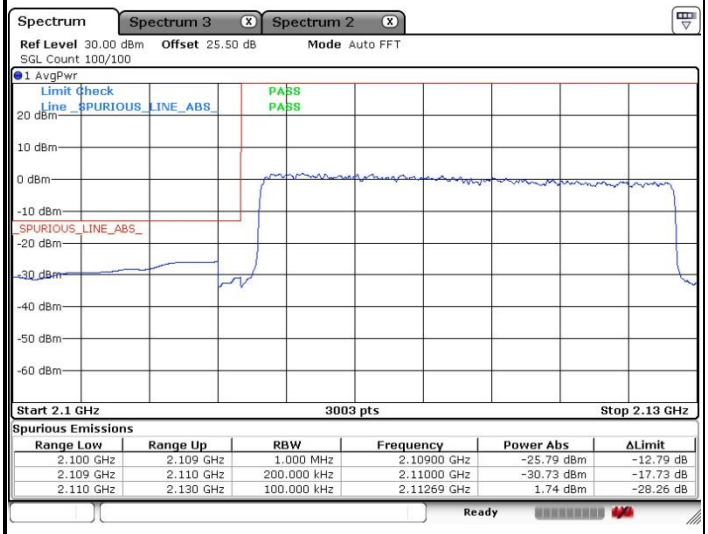
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.160 GHz	2.180 GHz	100.000 kHz	2.17691 GHz	2.11 dBm	-27.89 dB
2.180 GHz	2.181 GHz	200.000 kHz	2.18000 GHz	-34.77 dBm	-21.77 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18100 GHz	-32.35 dBm	-19.35 dB

Date: 24.JUN.2021 04:01:54

LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / Full RB

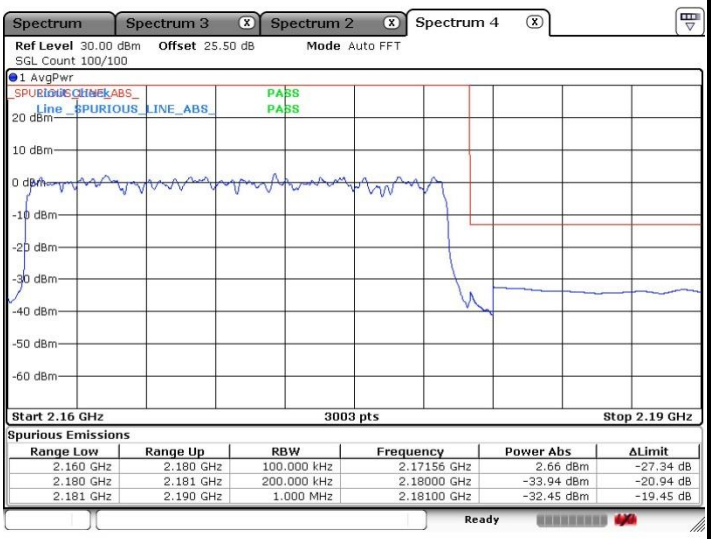


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10900 GHz	-25.79 dBm	-12.79 dB
2.109 GHz	2.110 GHz	200.000 kHz	2.11000 GHz	-30.73 dBm	-17.73 dB
2.110 GHz	2.130 GHz	100.000 kHz	2.11269 GHz	1.74 dBm	-28.26 dB

Date: 24.JUN.2021 03:57:07

Highest Band Edge / Full RB



Spurious Emissions

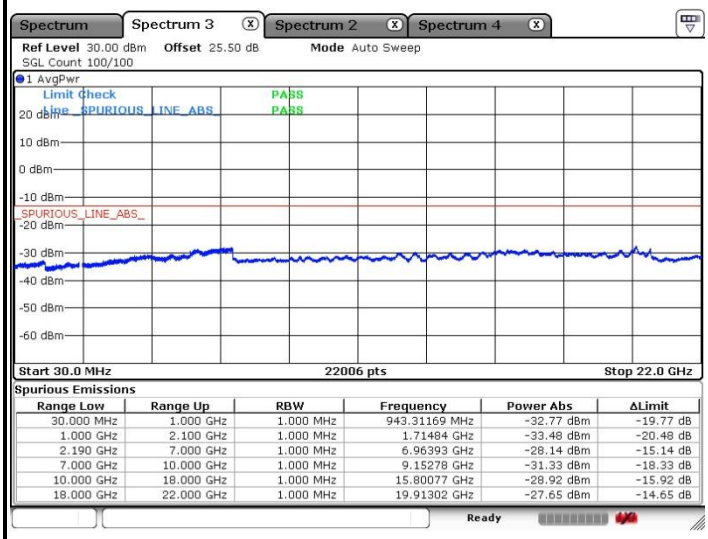
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.160 GHz	2.180 GHz	100.000 kHz	2.17156 GHz	2.66 dBm	-27.34 dB
2.180 GHz	2.181 GHz	200.000 kHz	2.18000 GHz	-33.94 dBm	-20.94 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18100 GHz	-32.45 dBm	-19.45 dB

Date: 24.JUN.2021 04:02:09

Conducted Spurious Emission

LTE Band 66 / 5MHz

Lowest Channel / QPSK

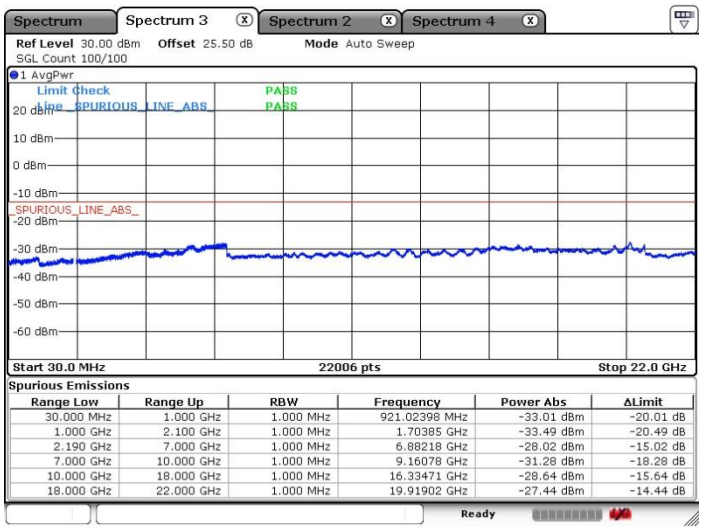


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.31169 MHz	-32.77 dBm	-19.77 dB
1.000 GHz	2.100 GHz	1.000 MHz	1.71484 GHz	-33.48 dBm	-20.48 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.96393 GHz	-28.14 dBm	-15.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15278 GHz	-31.33 dBm	-18.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.80077 GHz	-28.92 dBm	-15.92 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.91302 GHz	-27.65 dBm	-14.65 dB

Date: 24.JUN.2021 05:05:23

Middle Channel / QPSK

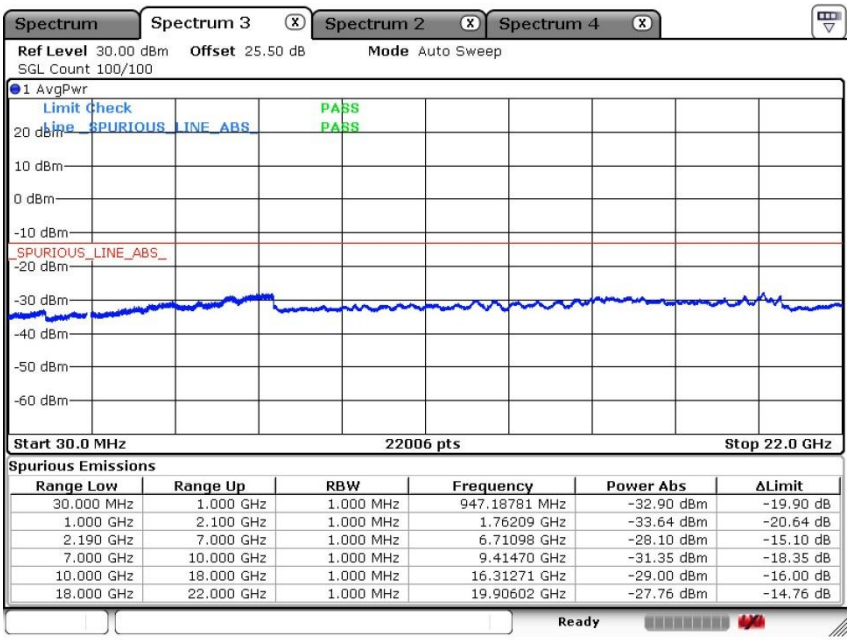


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.02398 MHz	-33.01 dBm	-20.01 dB
1.000 GHz	2.100 GHz	1.000 MHz	1.70385 GHz	-33.49 dBm	-20.49 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.88218 GHz	-28.02 dBm	-15.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16078 GHz	-31.28 dBm	-18.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.33471 GHz	-28.64 dBm	-15.64 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.91902 GHz	-27.44 dBm	-14.44 dB

Date: 24.JUN.2021 05:04:30

Highest Channel / QPSK



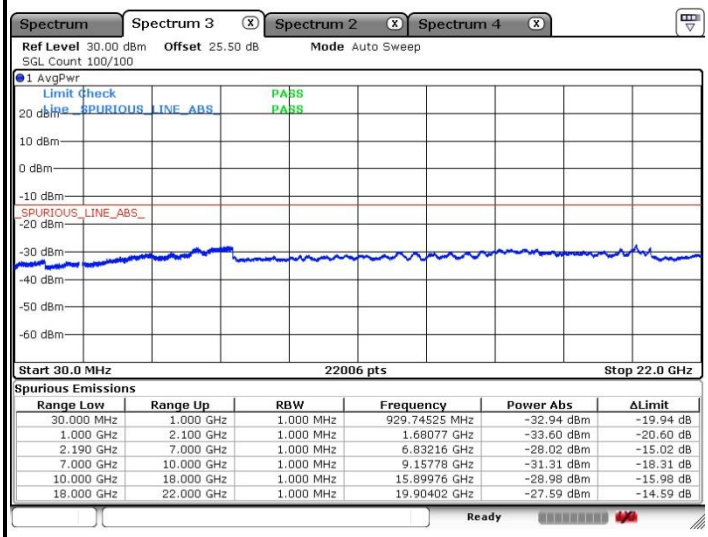
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.18781 MHz	-32.90 dBm	-19.90 dB
1.000 GHz	2.100 GHz	1.000 MHz	1.76209 GHz	-33.64 dBm	-20.64 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.71098 GHz	-28.10 dBm	-15.10 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.41470 GHz	-31.35 dBm	-18.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.31271 GHz	-29.00 dBm	-16.00 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.90602 GHz	-27.76 dBm	-14.76 dB

Date: 24.JUN.2021 05:03:43

LTE Band 66 / 10MHz

Lowest Channel / QPSK

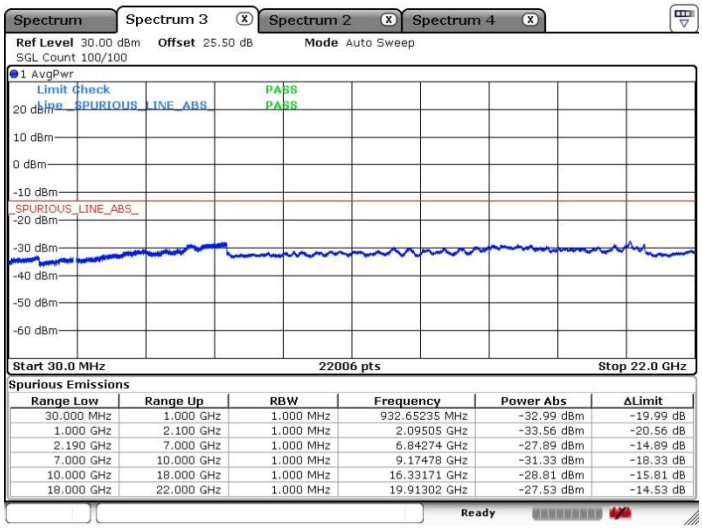


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.74525 MHz	-32.94 dBm	-19.94 dB
1.000 GHz	2.100 GHz	1.000 MHz	1.68077 GHz	-33.60 dBm	-20.60 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.83216 GHz	-28.02 dBm	-15.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15778 GHz	-31.31 dBm	-18.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.89976 GHz	-28.98 dBm	-15.98 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.90402 GHz	-27.59 dBm	-14.59 dB

Date: 24.JUN.2021 04:43:00

Middle Channel / QPSK

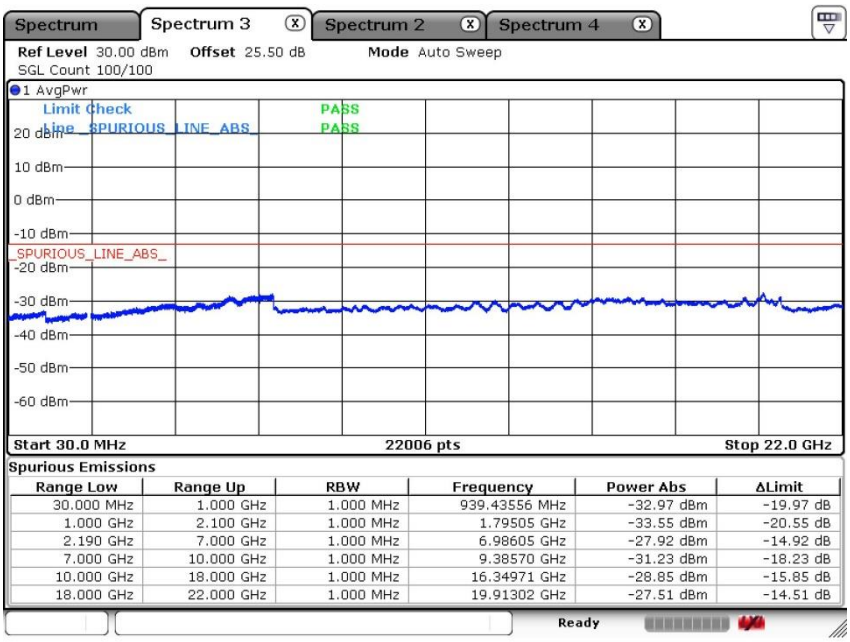


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.65235 MHz	-32.99 dBm	-19.99 dB
1.000 GHz	2.100 GHz	1.000 MHz	2.09505 GHz	-33.56 dBm	-20.56 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.84274 GHz	-27.89 dBm	-14.89 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.17478 GHz	-31.33 dBm	-18.33 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.33171 GHz	-28.81 dBm	-15.81 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.91302 GHz	-27.53 dBm	-14.53 dB

Date: 24.JUN.2021 04:44:00

Highest Channel / QPSK



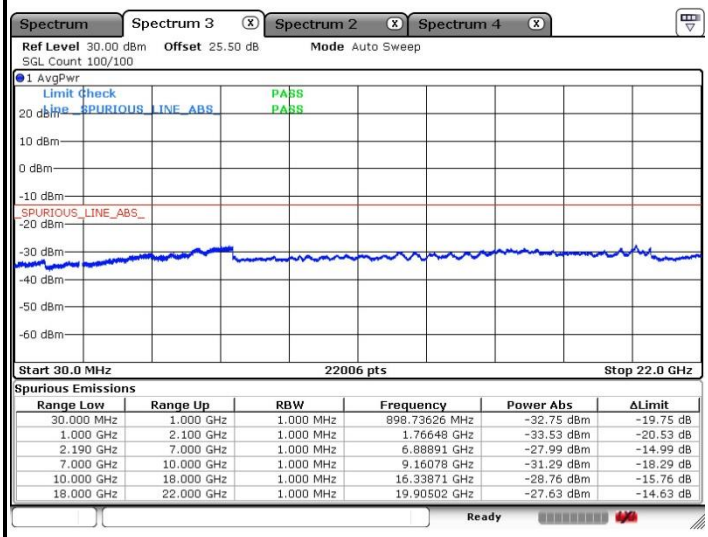
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.43556 MHz	-32.97 dBm	-19.97 dB
1.000 GHz	2.100 GHz	1.000 MHz	1.79505 GHz	-33.55 dBm	-20.55 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.98605 GHz	-27.92 dBm	-14.92 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.38570 GHz	-31.23 dBm	-18.23 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.34971 GHz	-28.85 dBm	-15.85 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.91302 GHz	-27.51 dBm	-14.51 dB

Date: 24.JUN.2021 04:44:50

LTE Band 66 / 15MHz

Lowest Channel / QPSK

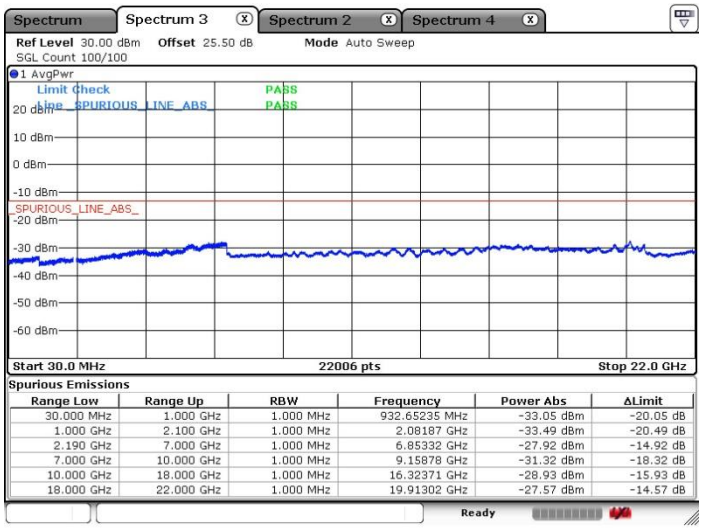


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.73626 MHz	-32.75 dBm	-19.75 dB
1.000 GHz	2.100 GHz	1.000 MHz	1.76648 GHz	-33.53 dBm	-20.53 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.88891 GHz	-27.99 dBm	-14.99 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16078 GHz	-31.29 dBm	-18.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.33871 GHz	-28.76 dBm	-15.76 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.90502 GHz	-27.63 dBm	-14.63 dB

Date: 24.JUN.2021 04:22:35

Middle Channel / QPSK

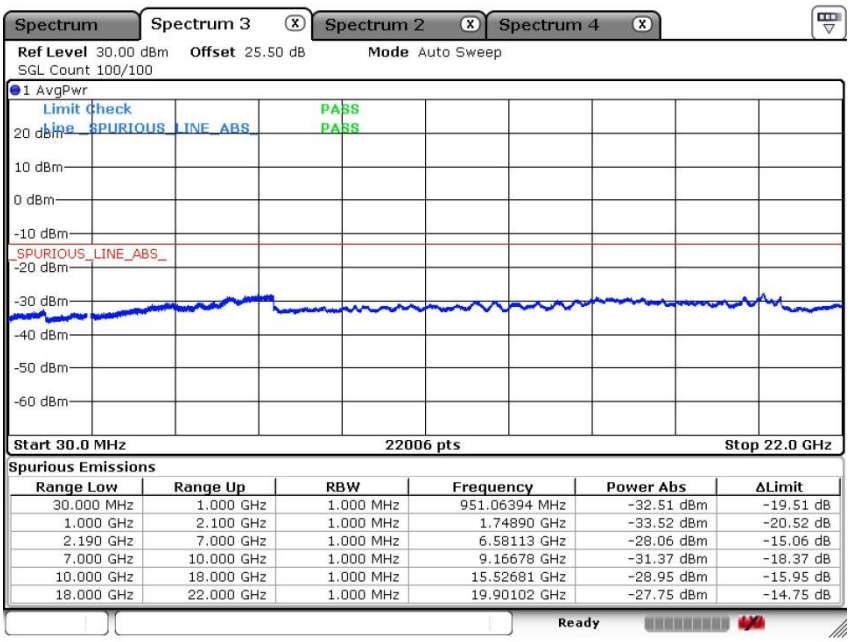


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	932.65235 MHz	-33.05 dBm	-20.05 dB
1.000 GHz	2.100 GHz	1.000 MHz	2.08187 GHz	-33.49 dBm	-20.49 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.85332 GHz	-27.92 dBm	-14.92 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.15878 GHz	-31.32 dBm	-18.32 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.32371 GHz	-28.93 dBm	-15.93 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.91302 GHz	-27.57 dBm	-14.57 dB

Date: 24.JUN.2021 04:21:06

Highest Channel / QPSK



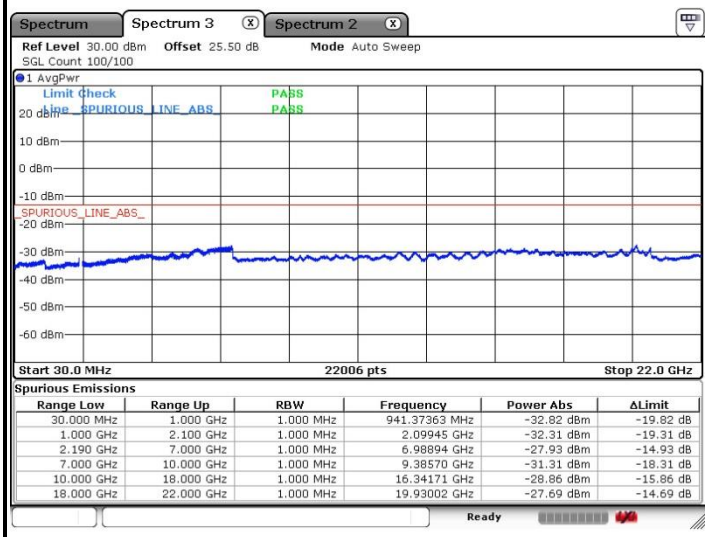
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.06394 MHz	-32.51 dBm	-19.51 dB
1.000 GHz	2.100 GHz	1.000 MHz	1.74890 GHz	-33.52 dBm	-20.52 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.58113 GHz	-28.06 dBm	-15.06 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16678 GHz	-31.37 dBm	-18.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.52681 GHz	-28.95 dBm	-15.95 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.90102 GHz	-27.75 dBm	-14.75 dB

Date: 24.JUN.2021 04:23:21

LTE Band 66 / 20MHz

Lowest Channel / QPSK

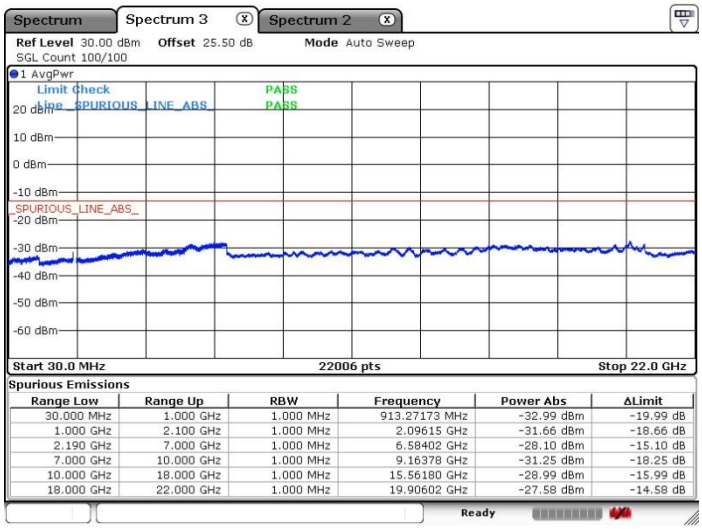


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	941.37363 MHz	-32.82 dBm	-19.82 dB
1.000 GHz	2.100 GHz	1.000 MHz	2.09945 GHz	-32.31 dBm	-19.31 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.98894 GHz	-27.93 dBm	-14.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.38570 GHz	-31.31 dBm	-18.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.34171 GHz	-28.86 dBm	-15.86 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.93002 GHz	-27.69 dBm	-14.69 dB

Date: 24.JUN.2021 03:33:34

Middle Channel / QPSK

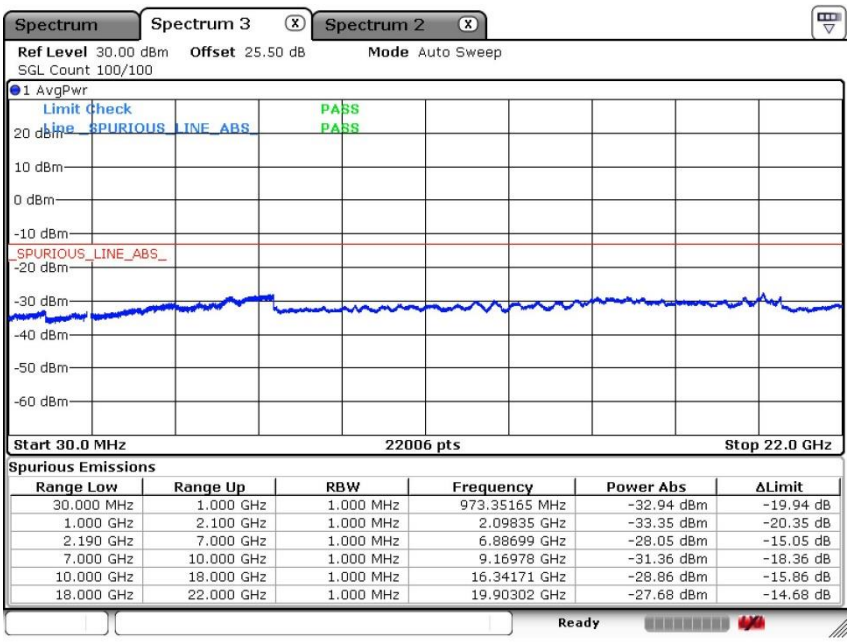


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	913.27173 MHz	-32.99 dBm	-19.99 dB
1.000 GHz	2.100 GHz	1.000 MHz	2.09615 GHz	-31.66 dBm	-18.66 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.58402 GHz	-28.10 dBm	-15.10 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16378 GHz	-31.25 dBm	-18.25 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.56180 GHz	-28.99 dBm	-15.99 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.90602 GHz	-27.58 dBm	-14.58 dB

Date: 24.JUN.2021 03:38:47

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.35165 MHz	-32.94 dBm	-19.94 dB
1.000 GHz	2.100 GHz	1.000 MHz	2.09835 GHz	-33.35 dBm	-20.35 dB
2.190 GHz	7.000 GHz	1.000 MHz	6.88699 GHz	-28.05 dBm	-15.05 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.16978 GHz	-31.36 dBm	-18.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.34171 GHz	-28.86 dBm	-15.86 dB
18.000 GHz	22.000 GHz	1.000 MHz	19.90302 GHz	-27.68 dBm	-14.68 dB

Date: 24.JUN.2021 03:47:51

Frequency Stability

Test Conditions		LTE Band 66 BW 20M (QPSK)				Limit
Temperature (°C)	Voltage (Volt)	2120MHz		2170MHz		Note 2
		FL	FH	FL	FH	Result
50	Normal Voltage	2110.796	2129.03	2160.796	2179.03	PASS
40	Normal Voltage	2110.796	2129.03	2160.796	2179.03	
30	Normal Voltage	2110.796	2129.03	2160.796	2179.03	
20(Ref.)	Normal Voltage	2110.796	2129.03	2160.796	2179.03	
10	Normal Voltage	2110.796	2129.03	2160.796	2179.03	
0	Normal Voltage	2110.796	2129.03	2160.796	2179.03	
-10	Normal Voltage	2110.796	2129.03	2160.796	2179.03	
-20	Normal Voltage	2110.796	2129.03	2160.796	2179.03	
-30	Normal Voltage	2110.796	2129.03	2160.796	2179.03	
20	Maximum Voltage	2110.796	2129.03	2160.796	2179.03	
20	Normal Voltage	2110.796	2129.03	2160.796	2179.03	
20	Minimum Voltage	2110.796	2129.03	2160.796	2179.03	

Note:

1. Normal Voltage =120 V. ; Minimum Voltage =102 V. ; Maximum Voltage =138 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

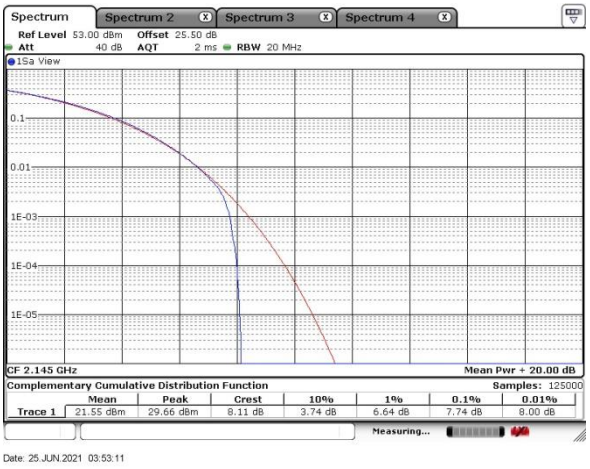
LTE Band 66 MIMO Ant. 4

Peak-to-Average Ratio

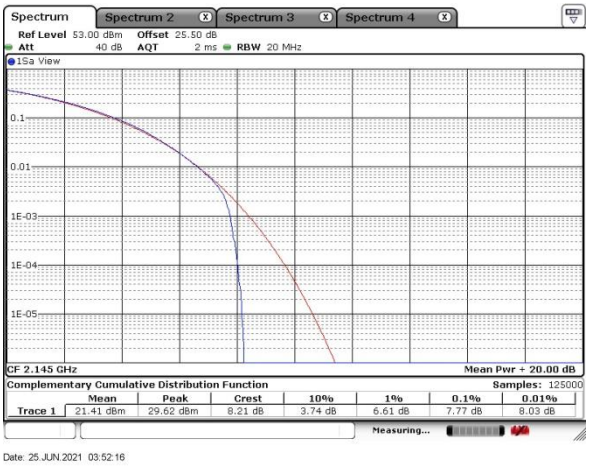
Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	7.74	7.77	7.80	PASS

LTE Band 66 / 20MHz

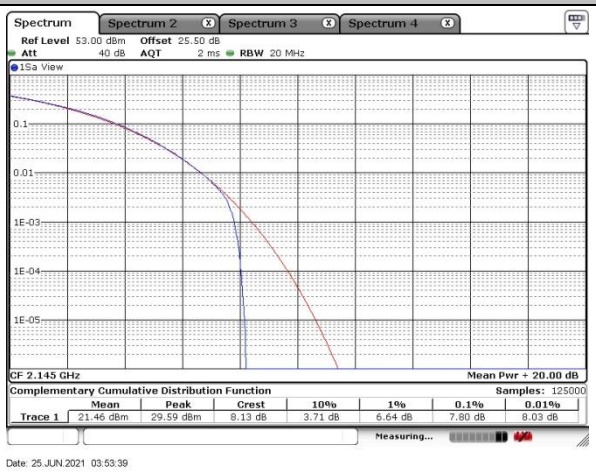
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



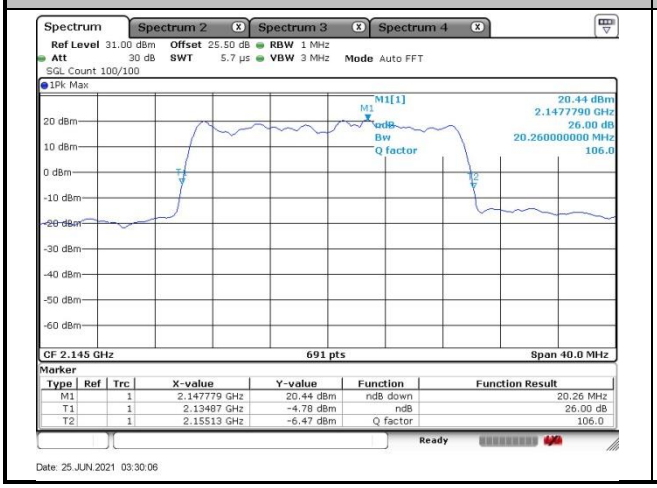
Middle Channel / Full RB/ 64QAM

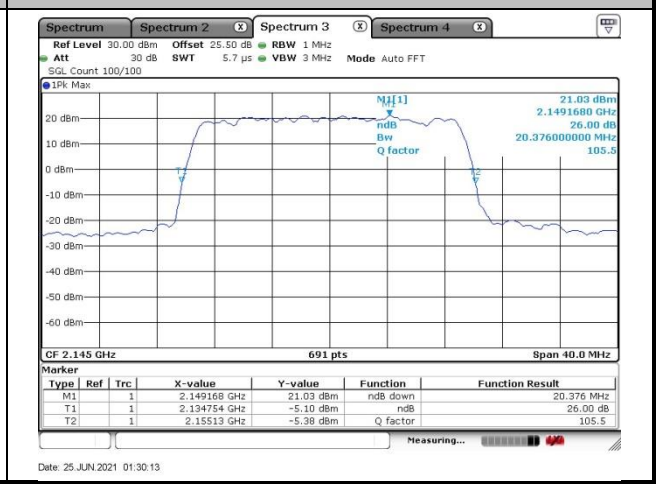


26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	20.26	20.38

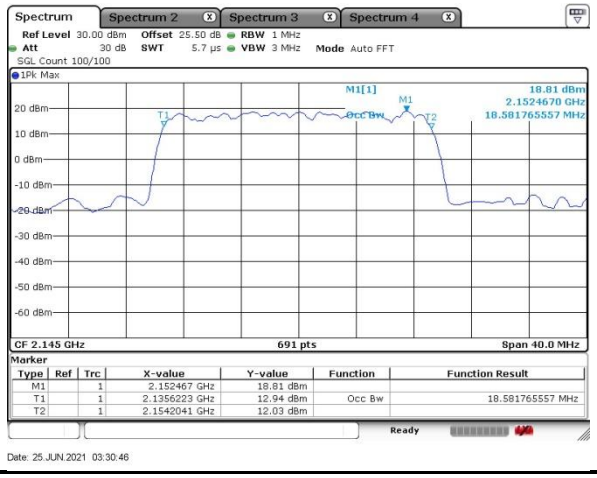
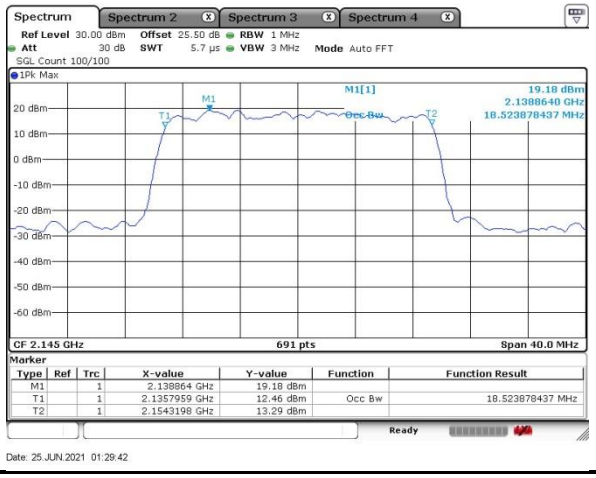
LTE Band 66	
Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM





Occupied Bandwidth

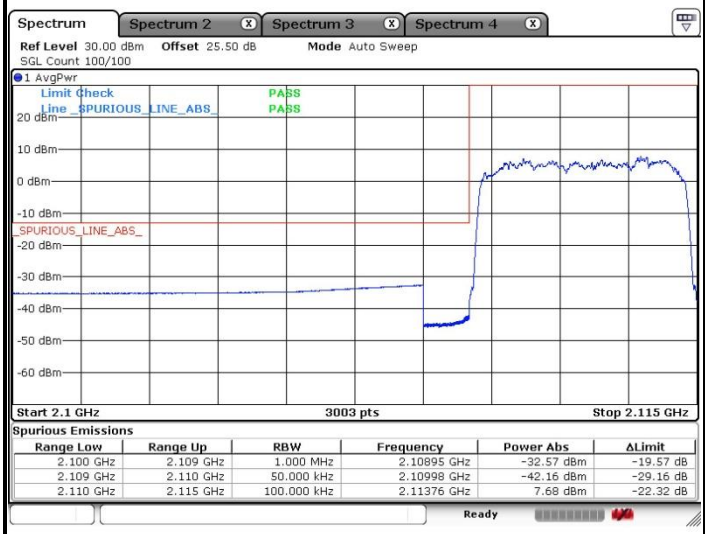
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.58	18.52

LTE Band 66	
Middle Channel / 20MHz / QPSK	Middle Channel / 20MHz / 16QAM
	

Conducted Band Edge

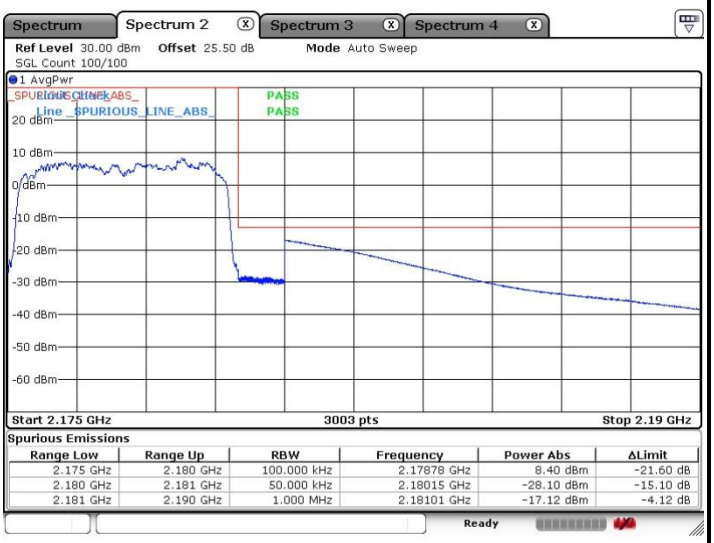
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB



Date: 25.JUN.2021 02:54:29

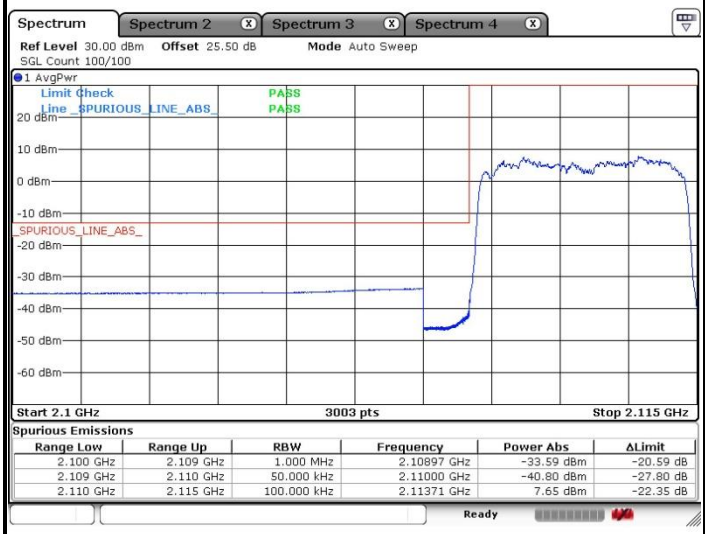
Highest Band Edge / Full RB



Date: 25.JUN.2021 03:04:04

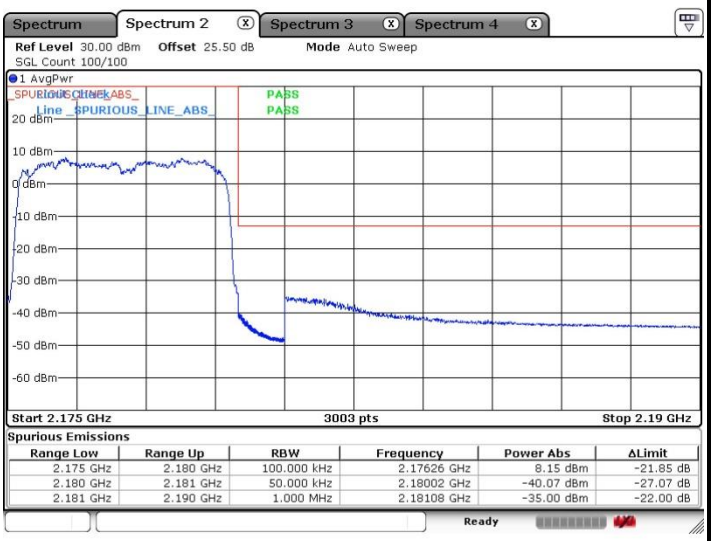
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB



Date: 25.JUN.2021 02:47:41

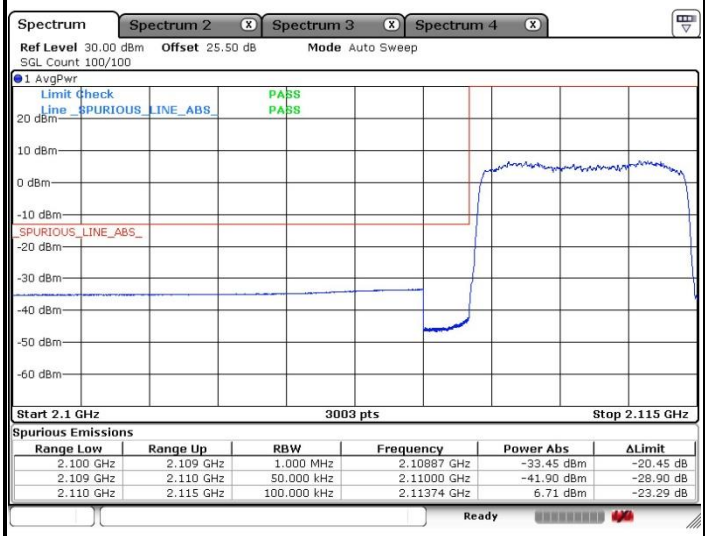
Highest Band Edge / Full RB



Date: 25.JUN.2021 03:07:38

LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB

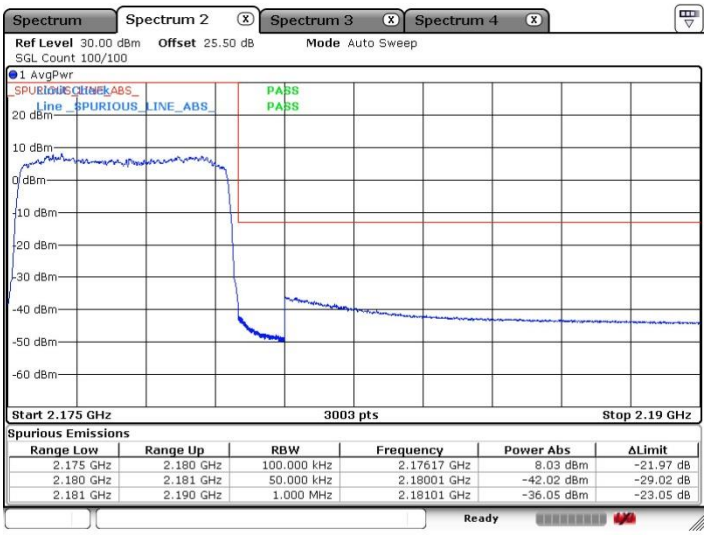


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10887 GHz	-33.45 dBm	-20.45 dB
2.109 GHz	2.110 GHz	50.000 kHz	2.11000 GHz	-41.90 dBm	-28.90 dB
2.110 GHz	2.115 GHz	100.000 kHz	2.11374 GHz	6.71 dBm	-23.29 dB

Date: 25.JUN.2021 02:49:54

Highest Band Edge / Full RB



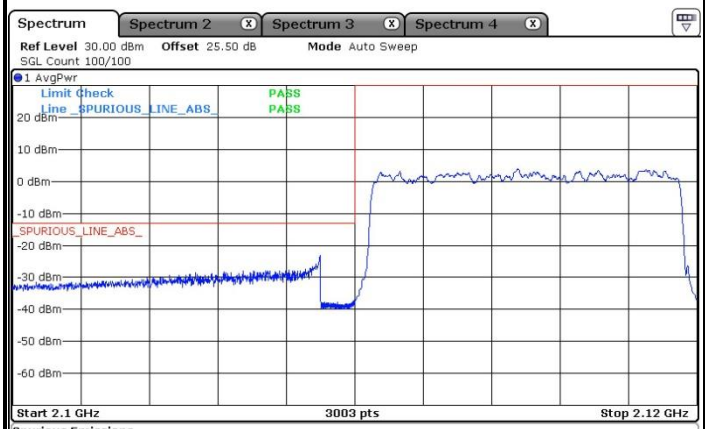
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.175 GHz	2.180 GHz	100.000 kHz	2.17617 GHz	8.03 dBm	-21.97 dB
2.180 GHz	2.181 GHz	50.000 kHz	2.18001 GHz	-42.02 dBm	-29.02 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18101 GHz	-36.05 dBm	-23.05 dB

Date: 25.JUN.2021 03:09:55

LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB

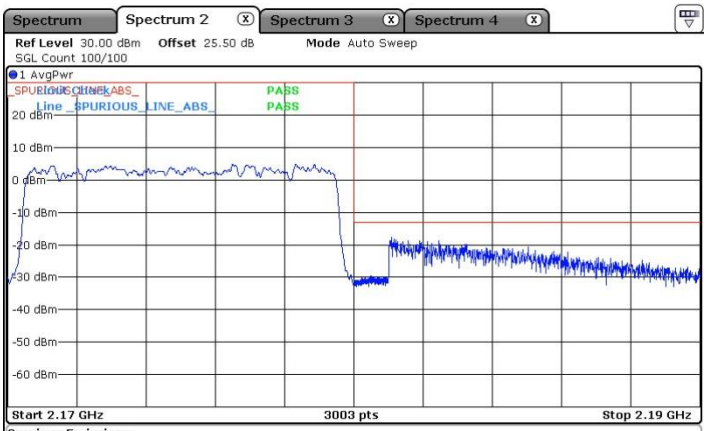


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10900 GHz	-23.05 dBm	-10.05 dB
2.109 GHz	2.110 GHz	100.000 kHz	2.10998 GHz	-37.29 dBm	-24.29 dB
2.110 GHz	2.120 GHz	100.000 kHz	2.11476 GHz	3.86 dBm	-26.14 dB

Date: 25.JUN.2021 02:04:55

Highest Band Edge / Full RB



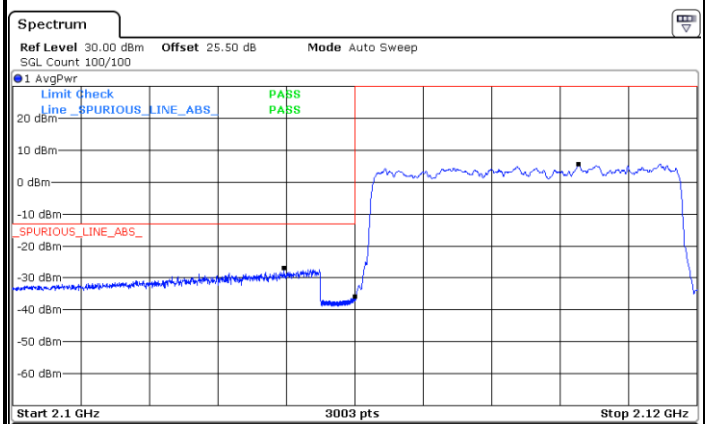
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.170 GHz	2.180 GHz	100.000 kHz	2.17833 GHz	4.87 dBm	-25.13 dB
2.180 GHz	2.181 GHz	100.000 kHz	2.18049 GHz	-29.54 dBm	-16.54 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18109 GHz	-17.69 dBm	-4.69 dB

Date: 25.JUN.2021 02:15:34

LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / Full RB

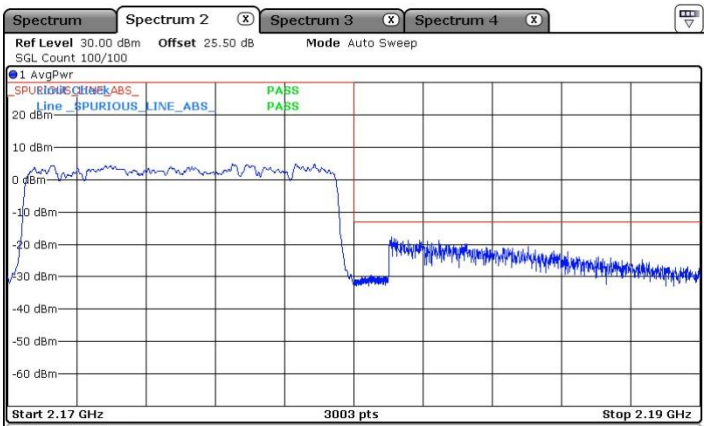


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10793 GHz	-26.79 dBm	-13.79 dB
2.109 GHz	2.110 GHz	100.000 kHz	2.11000 GHz	-35.97 dBm	-22.97 dB
2.110 GHz	2.120 GHz	100.000 kHz	2.11654 GHz	5.74 dBm	-24.26 dB

Date: 1.JUL.2021 10:21:20

Highest Band Edge / Full RB



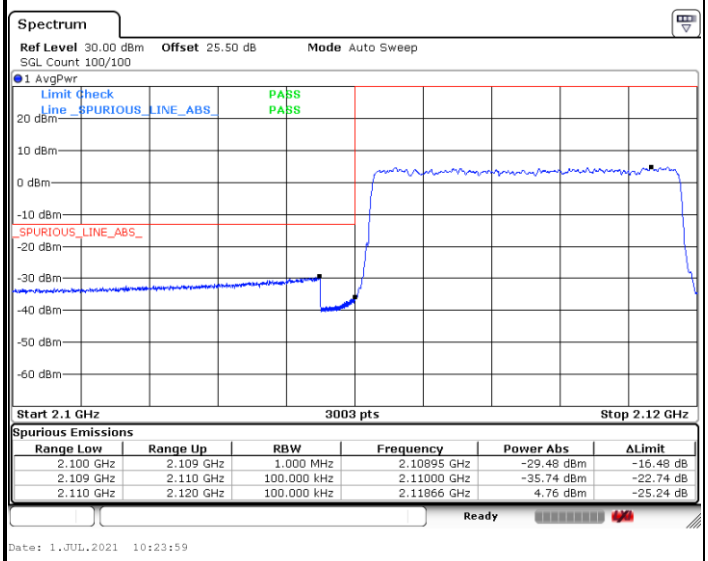
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.170 GHz	2.180 GHz	100.000 kHz	2.17833 GHz	4.87 dBm	-25.13 dB
2.180 GHz	2.181 GHz	100.000 kHz	2.18049 GHz	-29.54 dBm	-16.54 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18109 GHz	-17.69 dBm	-4.69 dB

Date: 25.JUN.2021 02:18:04

LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / Full RB

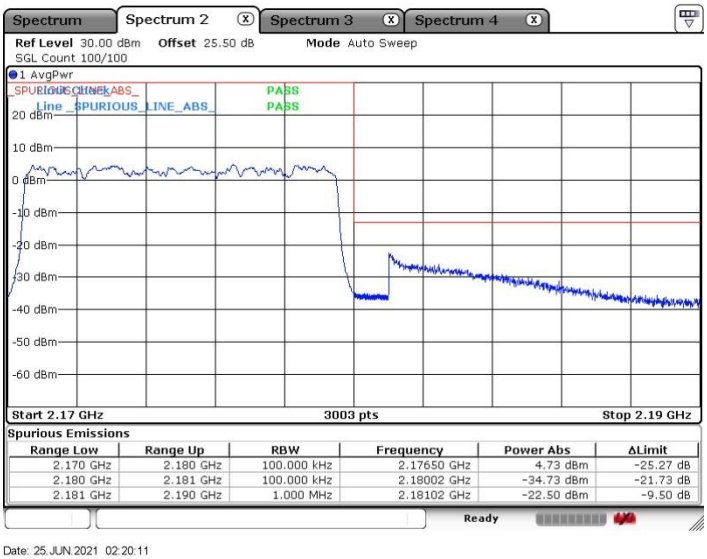


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10895 GHz	-29.48 dBm	-16.48 dB
2.109 GHz	2.110 GHz	100.000 kHz	2.11000 GHz	-35.74 dBm	-22.74 dB
2.110 GHz	2.120 GHz	100.000 kHz	2.11866 GHz	4.76 dBm	-25.24 dB

Date: 1.JUL.2021 10:23:59

Highest Band Edge / Full RB



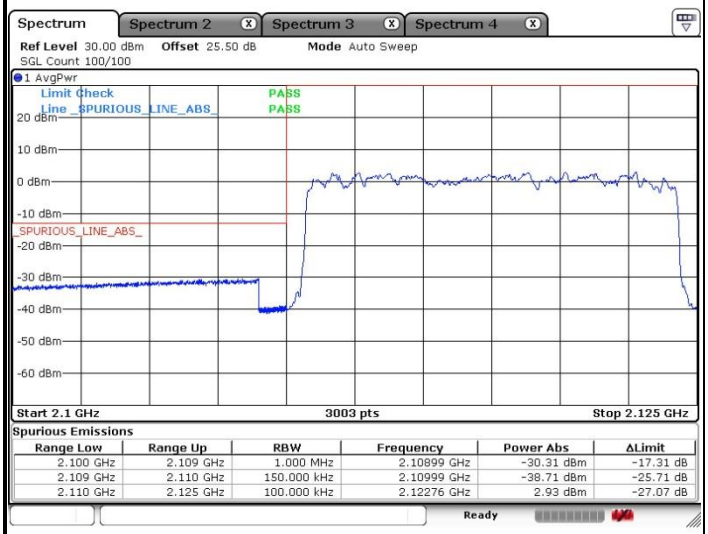
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.170 GHz	2.180 GHz	100.000 kHz	2.17650 GHz	4.73 dBm	-25.27 dB
2.180 GHz	2.181 GHz	100.000 kHz	2.18002 GHz	-34.73 dBm	-21.73 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18102 GHz	-22.50 dBm	-9.50 dB

Date: 25.JUN.2021 02:20:11

LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB

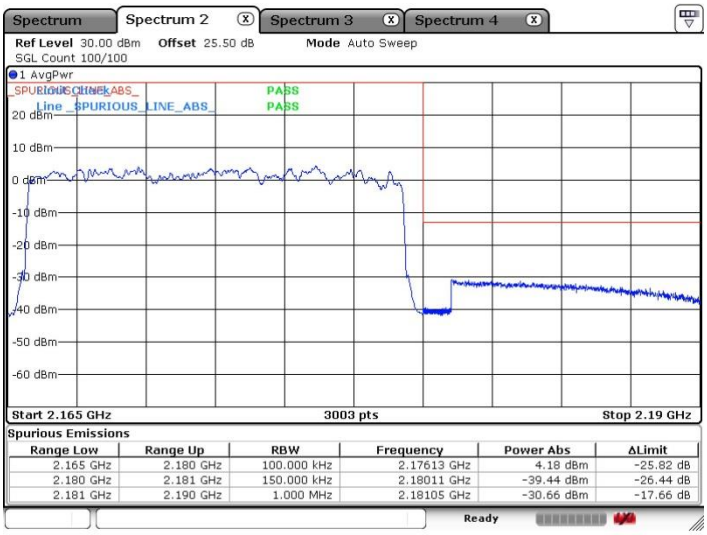


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10899 GHz	-30.31 dBm	-17.31 dB
2.109 GHz	2.110 GHz	150.000 kHz	2.10999 GHz	-38.71 dBm	-25.71 dB
2.110 GHz	2.125 GHz	100.000 kHz	2.12276 GHz	2.93 dBm	-27.07 dB

Date: 25.JUN.2021 01:43:37

Highest Band Edge / Full RB



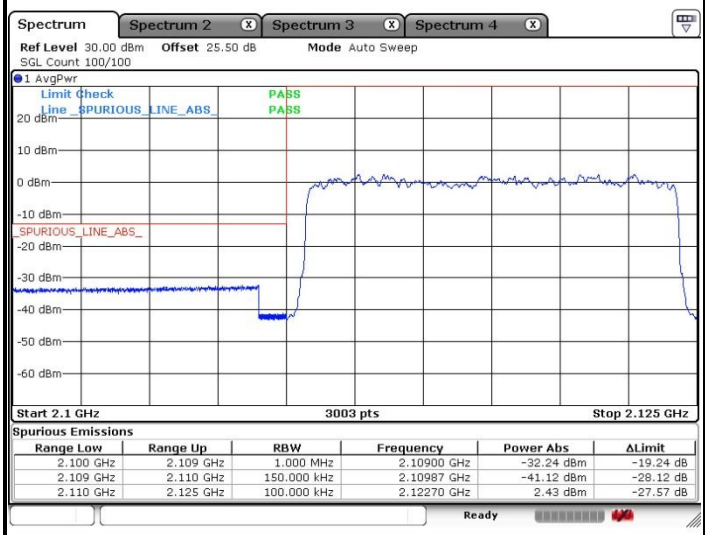
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.165 GHz	2.180 GHz	100.000 kHz	2.17613 GHz	4.18 dBm	-25.82 dB
2.180 GHz	2.181 GHz	150.000 kHz	2.18011 GHz	-39.44 dBm	-26.44 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18105 GHz	-30.66 dBm	-17.66 dB

Date: 25.JUN.2021 01:56:43

LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / Full RB

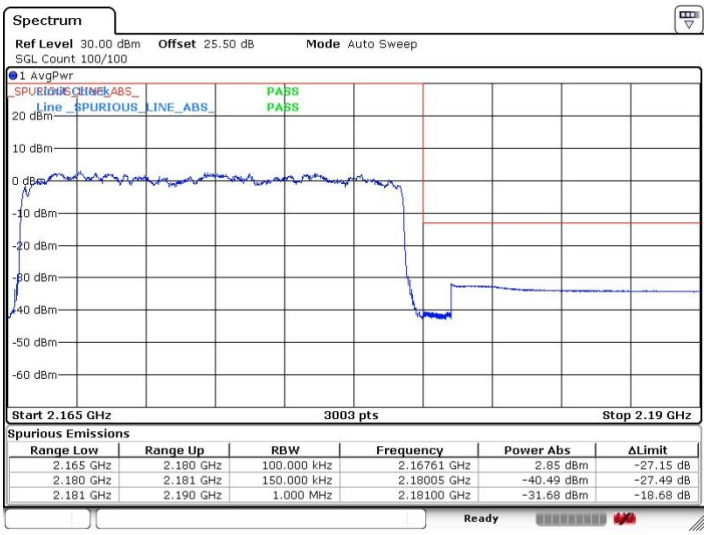


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10900 GHz	-32.24 dBm	-19.24 dB
2.109 GHz	2.110 GHz	150.000 kHz	2.10987 GHz	-41.12 dBm	-28.12 dB
2.110 GHz	2.125 GHz	100.000 kHz	2.12270 GHz	2.43 dBm	-27.57 dB

Date: 25.JUN.2021 01:47:24

Highest Band Edge / Full RB



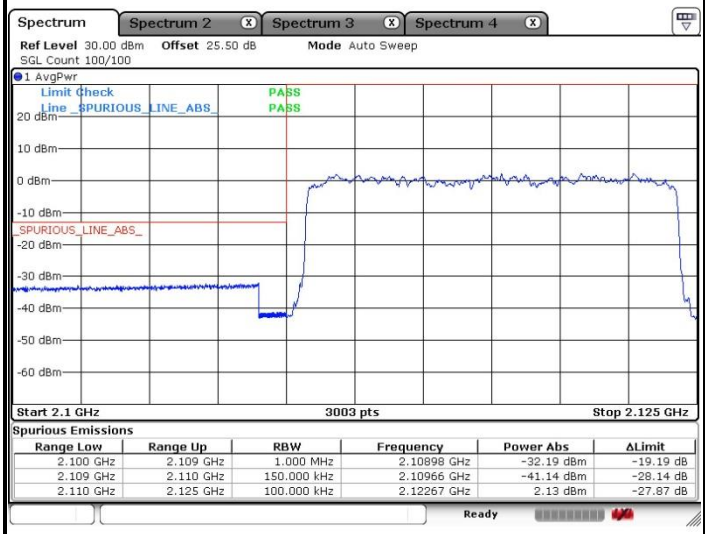
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.165 GHz	2.180 GHz	100.000 kHz	2.16761 GHz	2.85 dBm	-27.15 dB
2.180 GHz	2.181 GHz	150.000 kHz	2.18005 GHz	-40.49 dBm	-27.49 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18100 GHz	-31.68 dBm	-18.68 dB

Date: 27.JUN.2021 11:17:33

LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / Full RB

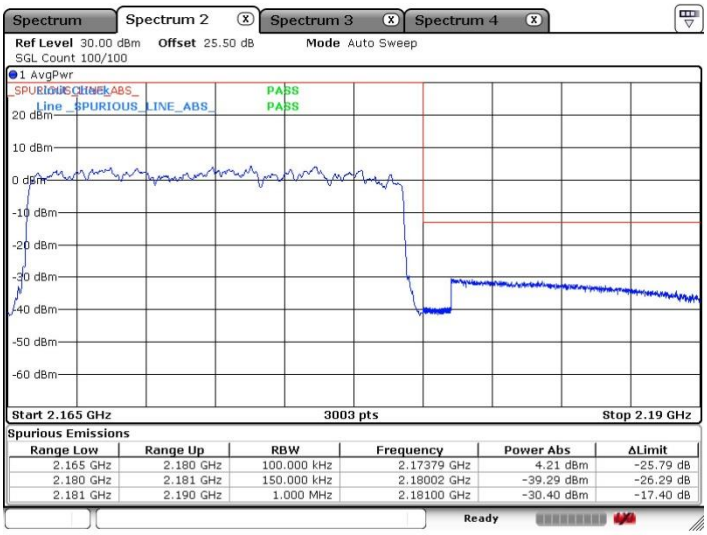


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.100 GHz	2.109 GHz	1.000 MHz	2.10898 GHz	-32.19 dBm	-19.19 dB
2.109 GHz	2.110 GHz	150.000 kHz	2.10966 GHz	-41.14 dBm	-28.14 dB
2.110 GHz	2.125 GHz	100.000 kHz	2.12267 GHz	2.13 dBm	-27.87 dB

Date: 25.JUN.2021 01:47:49

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.165 GHz	2.180 GHz	100.000 kHz	2.17379 GHz	4.21 dBm	-25.79 dB
2.180 GHz	2.181 GHz	150.000 kHz	2.18002 GHz	-39.29 dBm	-26.29 dB
2.181 GHz	2.190 GHz	1.000 MHz	2.18100 GHz	-30.40 dBm	-17.40 dB

Date: 25.JUN.2021 01:59:52