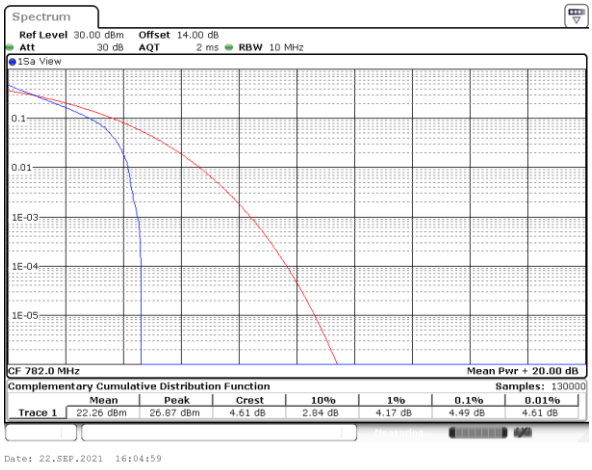
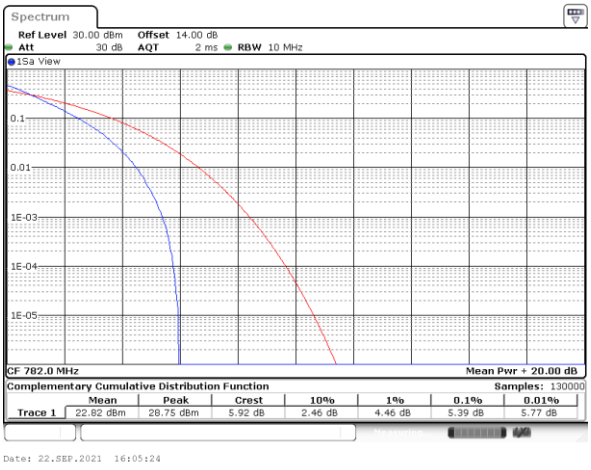
LTE Band 13 / 10MHz / QPSK

Middle Channel / 1RB

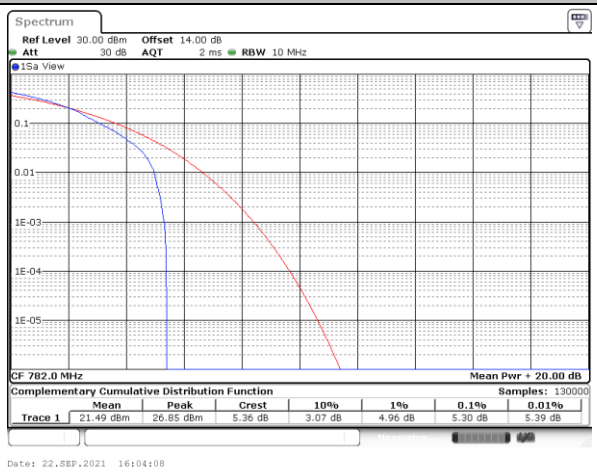


Middle Channel / Full RB

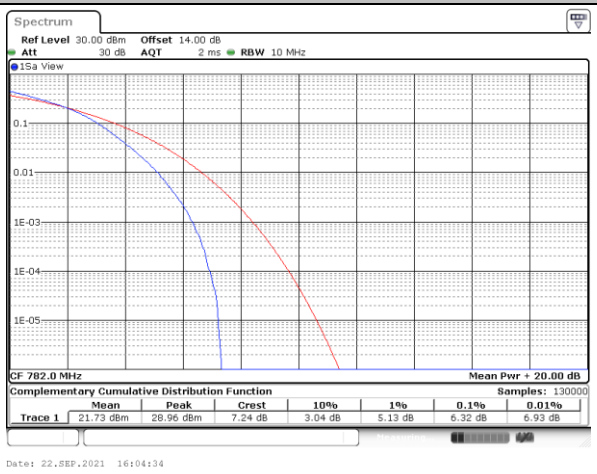


LTE Band 13 / 10MHz / 16QAM

Middle Channel / 1RB

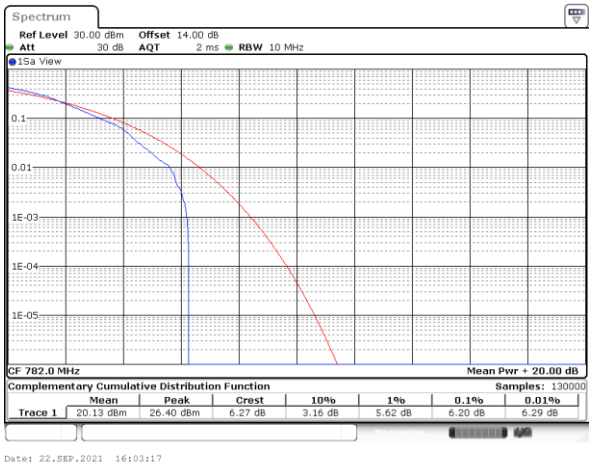


Middle Channel / Full RB

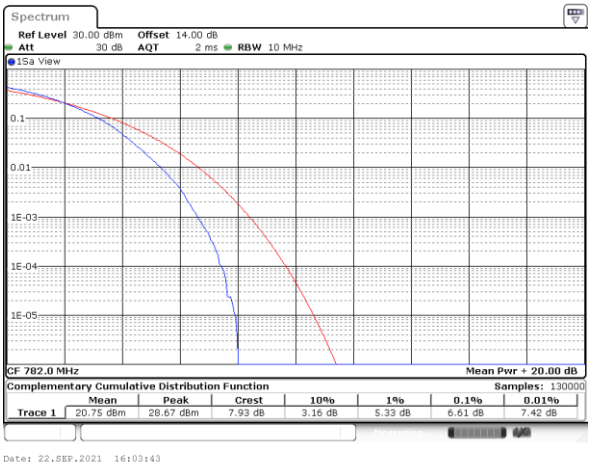


LTE Band 13 / 10MHz / 64QAM

Middle Channel / 1RB



Middle Channel / Full RB

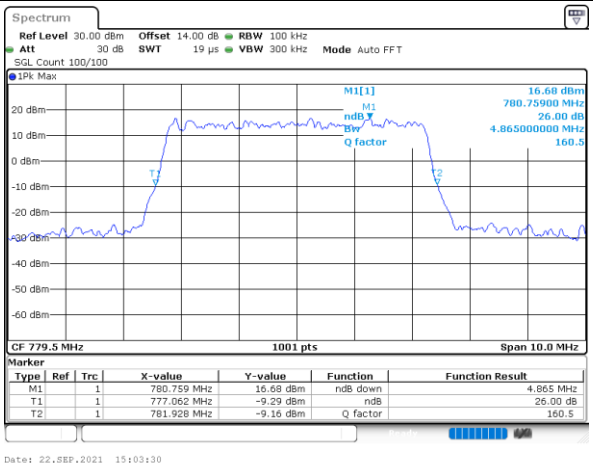


26dB Bandwidth

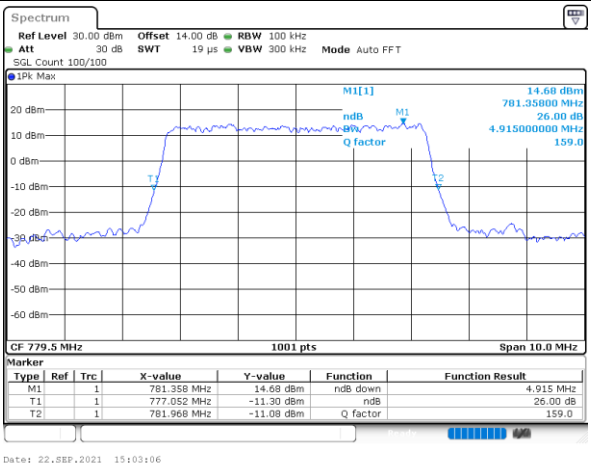
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.87	4.92	-	-	-	-	-	-
Middle CH	-	-	-	-	4.94	4.77	9.69	9.67	-	-	-	-
Highest CH	-	-	-	-	4.86	4.88	-	-	-	-	-	-
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.82	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.78	-	9.67	-	-	-	-	-
Highest CH	-	-	-	-	4.84	-	-	-	-	-	-	-

LTE Band 13

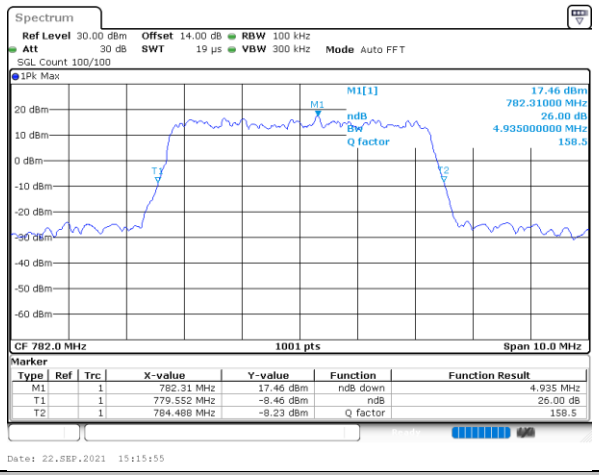
Lowest Channel / 5MHz / QPSK



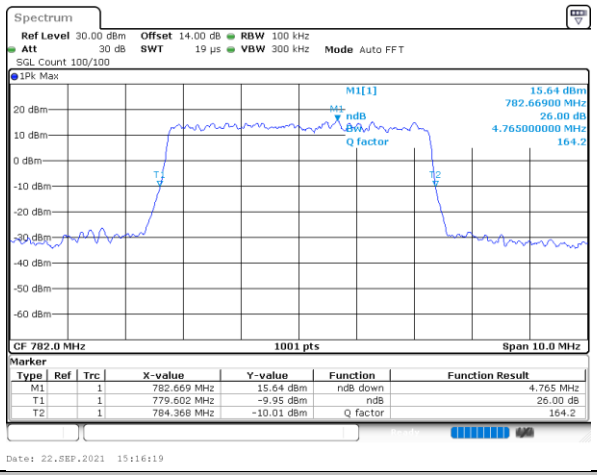
Lowest Channel / 5MHz / 16QAM



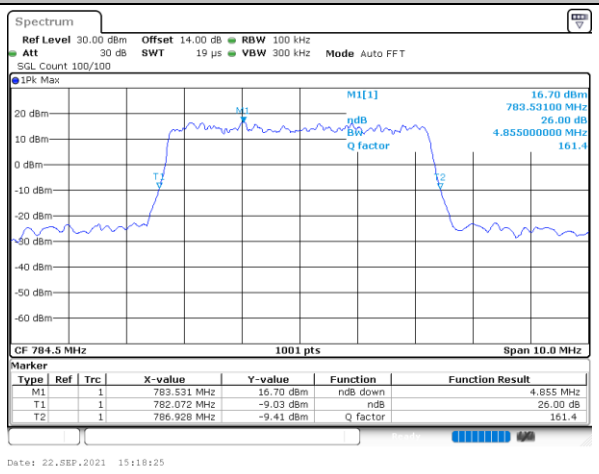
Middle Channel / 5MHz / QPSK



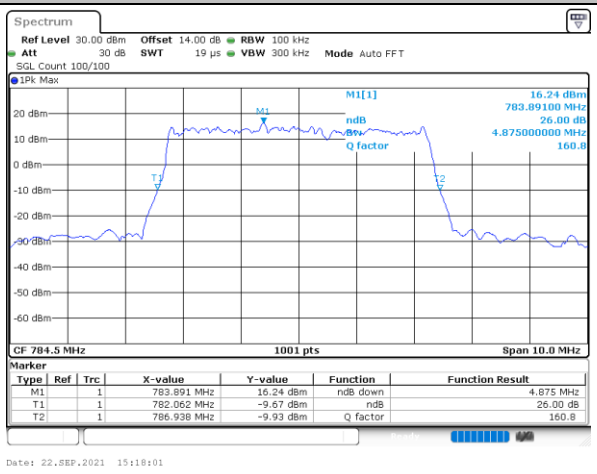
Middle Channel / 5MHz / 16QAM

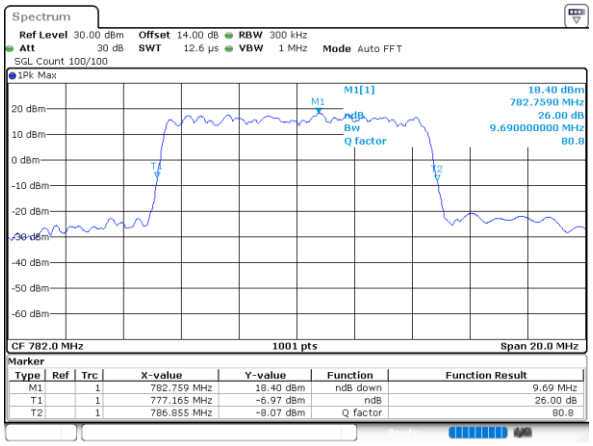
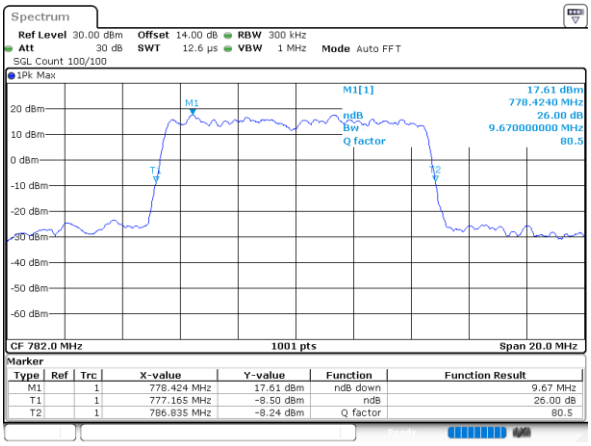


Highest Channel / 5MHz / QPSK



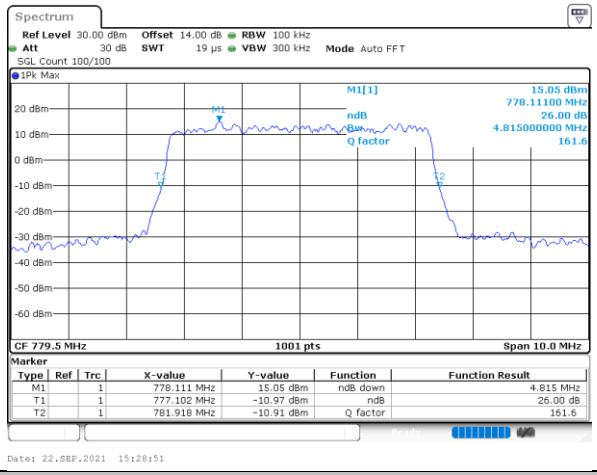
Highest Channel / 5MHz / 16QAM



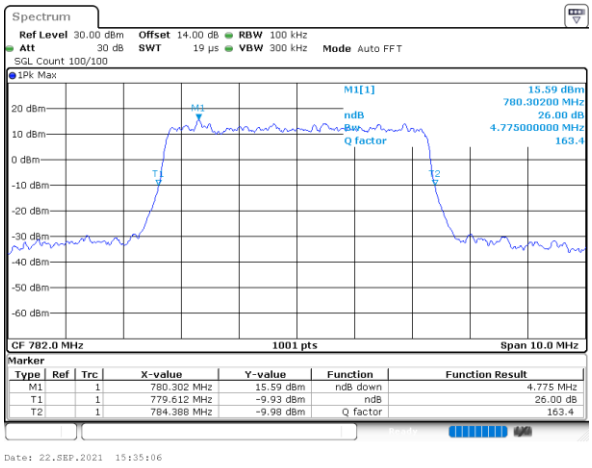
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**
	

LTE Band 13

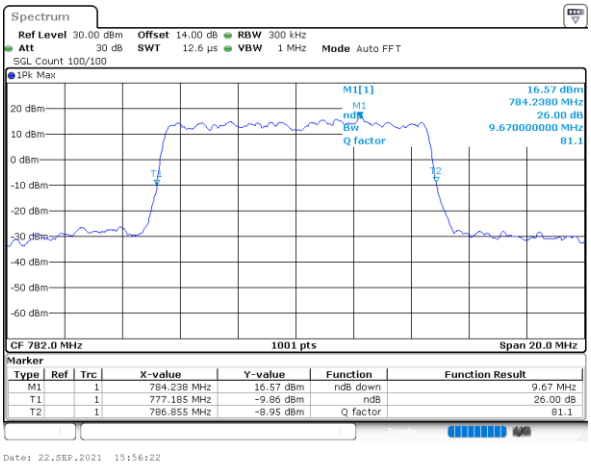
Lowest Channel / 5MHz / 64QAM



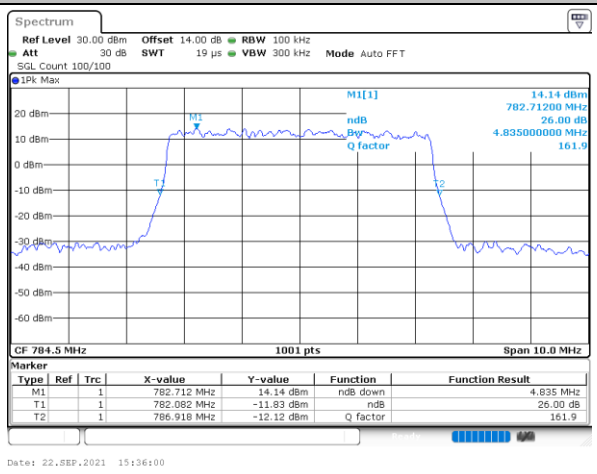
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

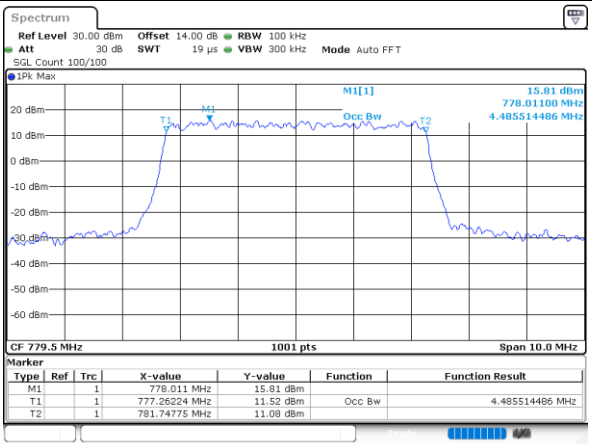


Occupied Bandwidth

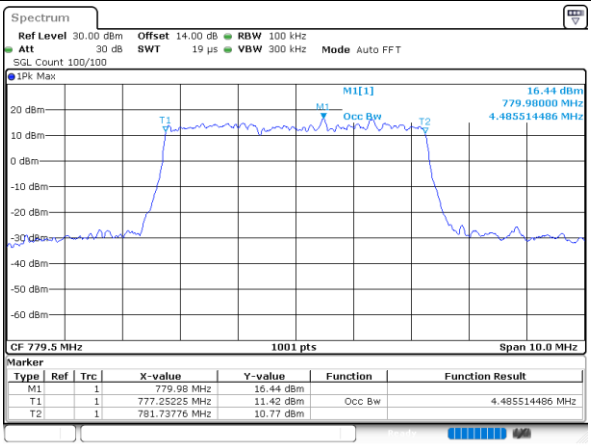
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	-	-	-	-	-	-
Middle CH	-	-	-	-	4.48	4.49	8.99	8.99	-	-	-	-
Highest CH	-	-	-	-	4.48	4.49	-	-	-	-	-	-
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.50	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.50	-	9.01	-	-	-	-	-
Highest CH	-	-	-	-	4.49	-	-	-	-	-	-	-

LTE Band 13

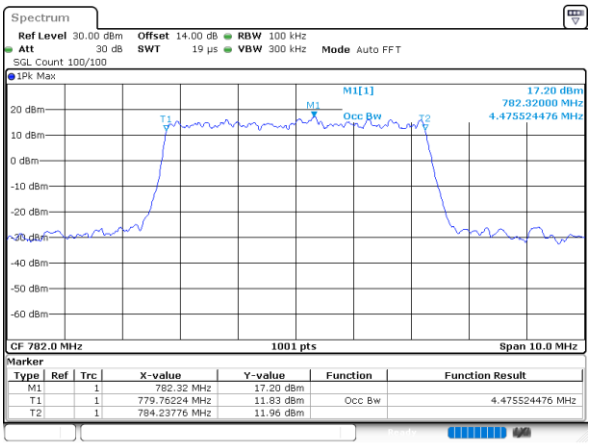
Lowest Channel / 5MHz / QPSK



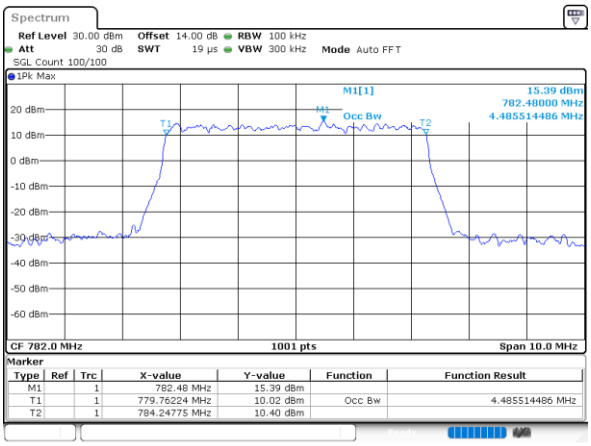
Lowest Channel / 5MHz / 16QAM



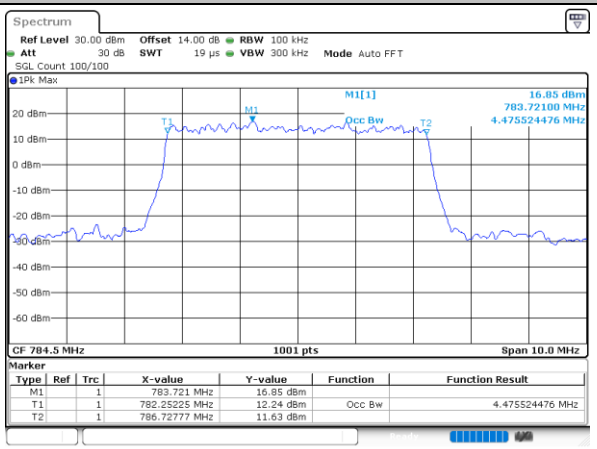
Middle Channel / 5MHz / QPSK



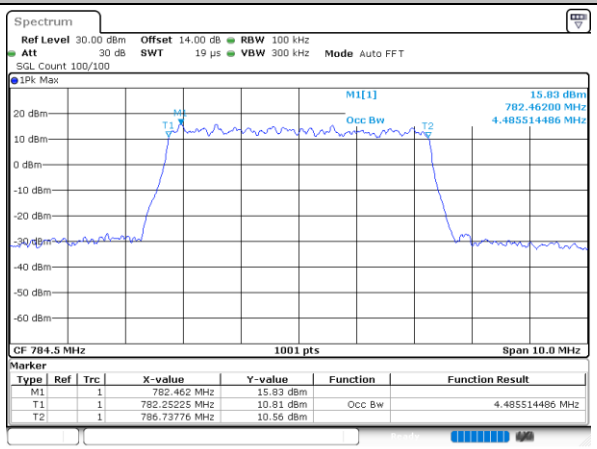
Middle Channel / 5MHz / 16QAM



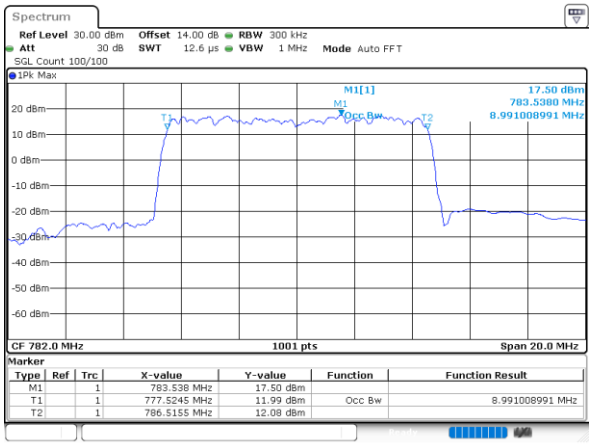
Highest Channel / 5MHz / QPSK

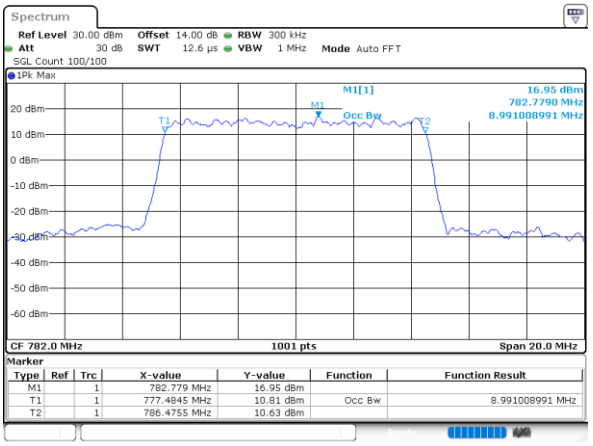


Highest Channel / 5MHz / 16QAM



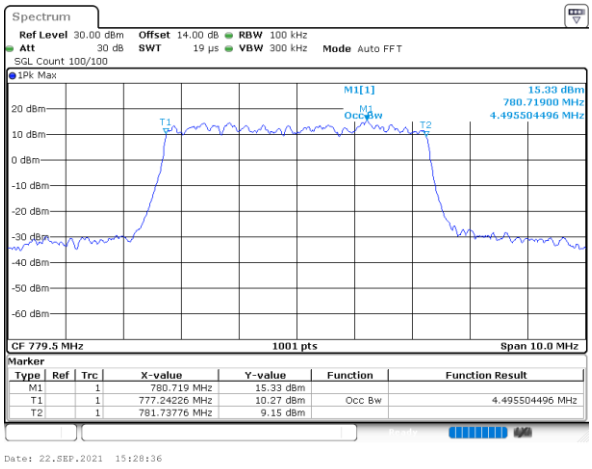
LTE Band 13	
Middle Channel / 10MHz / QPSK	**Middle Channel / 10MHz / 16QAM**



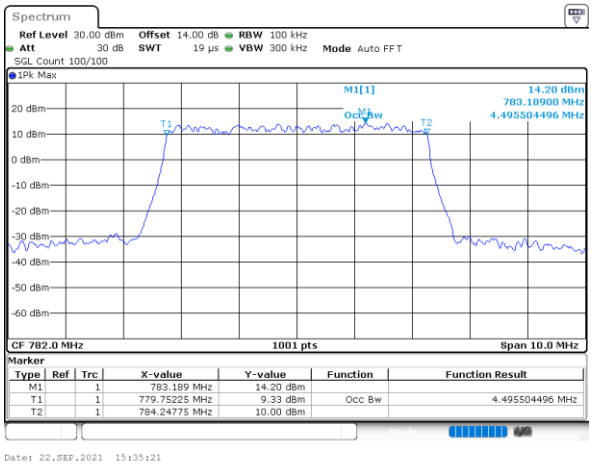


LTE Band 13

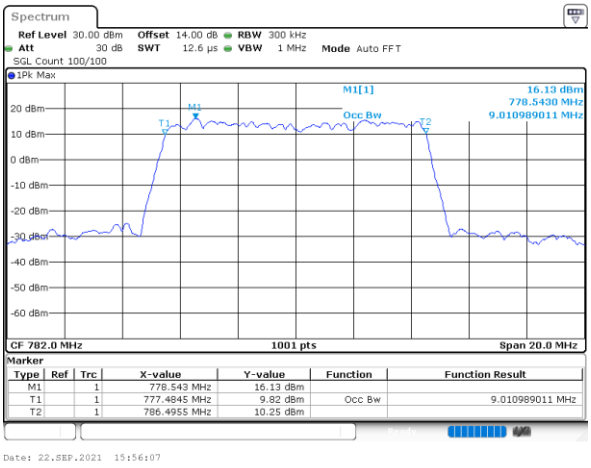
Lowest Channel / 5MHz / 64QAM



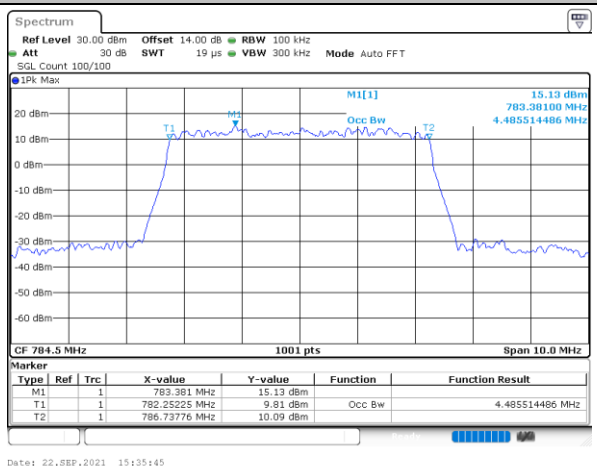
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



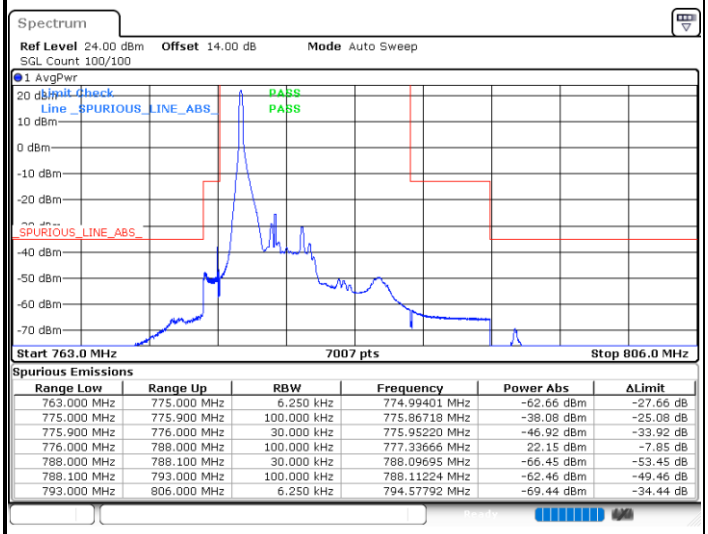
Highest Channel / 5MHz / 64QAM



Conducted Band Edge

LTE Band 13 / 5MHz / QPSK

Lowest Band Edge / 1 RB

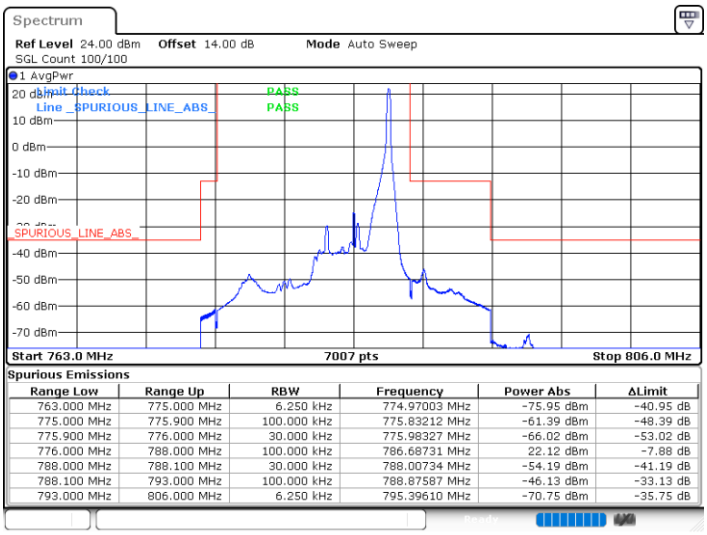


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-62.66 dBm	-27.66 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86718 MHz	-38.08 dBm	-25.08 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95220 MHz	-46.92 dBm	-33.92 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.33666 MHz	22.15 dBm	-7.85 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09695 MHz	-66.45 dBm	-53.45 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-62.46 dBm	-49.46 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.57792 MHz	-69.44 dBm	-34.44 dB

Date: 22.SEP.2021 15:10:52

Highest Band Edge / 1 RB

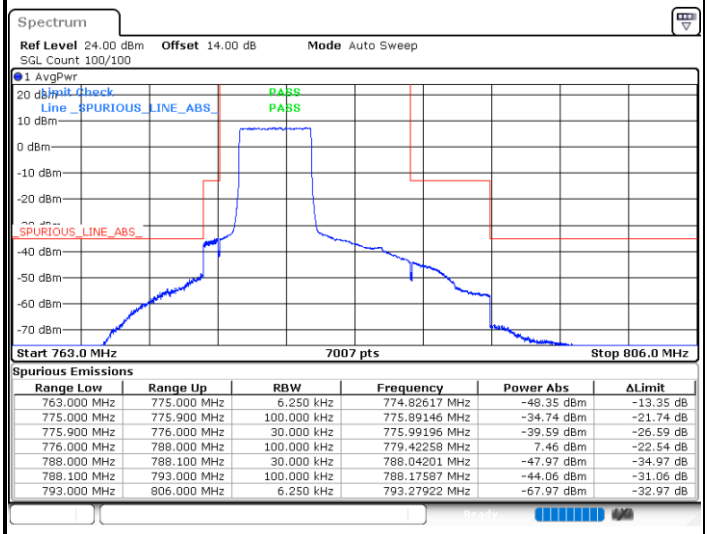


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.97003 MHz	-75.95 dBm	-40.95 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.83212 MHz	-61.39 dBm	-48.39 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98327 MHz	-66.02 dBm	-53.02 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.68731 MHz	22.12 dBm	-7.88 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00734 MHz	-54.19 dBm	-41.19 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.87587 MHz	-46.13 dBm	-33.13 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.39610 MHz	-70.75 dBm	-35.75 dB

Date: 22.SEP.2021 15:25:47

Lowest Band Edge / Full RB

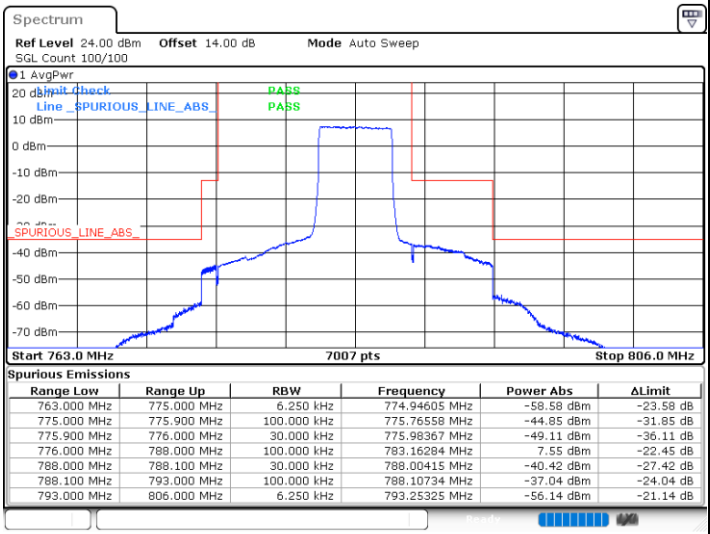


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.82617 MHz	-48.35 dBm	-13.35 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89146 MHz	-34.74 dBm	-21.74 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99196 MHz	-39.59 dBm	-26.59 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.42258 MHz	7.46 dBm	-22.54 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04201 MHz	-47.97 dBm	-34.97 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.17587 MHz	-44.06 dBm	-31.06 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.27922 MHz	-67.97 dBm	-32.97 dB

Date: 22.SEP.2021 15:05:14

Highest Band Edge / Full RB



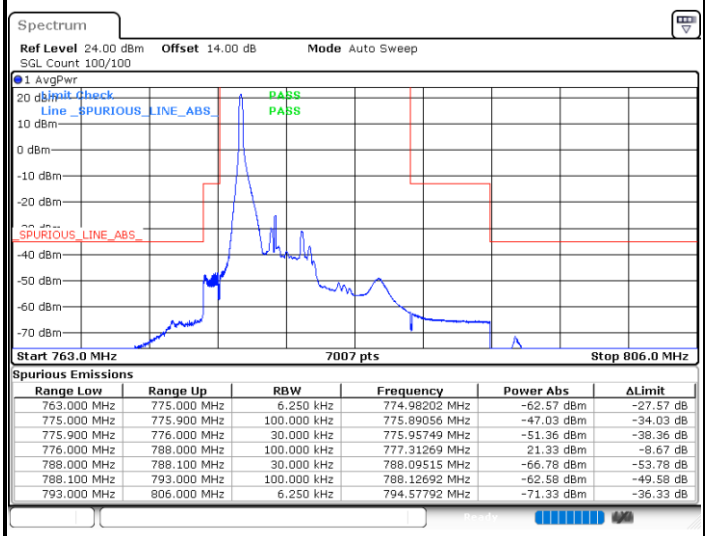
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-58.58 dBm	-23.58 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.76558 MHz	-44.85 dBm	-31.85 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98367 MHz	-49.11 dBm	-36.11 dB
776.000 MHz	788.000 MHz	100.000 kHz	783.16284 MHz	7.55 dBm	-22.45 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00415 MHz	-40.42 dBm	-27.42 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.10734 MHz	-37.04 dBm	-24.04 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.25325 MHz	-56.14 dBm	-21.14 dB

Date: 22.SEP.2021 15:20:08

LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

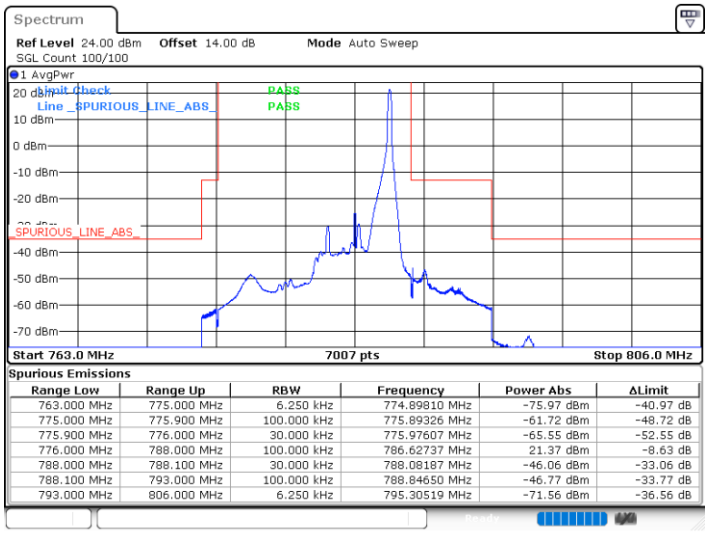


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.98202 MHz	-62.57 dBm	-27.57 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89056 MHz	-47.03 dBm	-34.03 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95749 MHz	-51.36 dBm	-38.36 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.31269 MHz	21.33 dBm	-8.67 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09515 MHz	-66.78 dBm	-53.78 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.12692 MHz	-62.58 dBm	-49.58 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.57792 MHz	-71.33 dBm	-36.33 dB

Date: 22.SEP.2021 15:08:59

Highest Band Edge / 1 RB

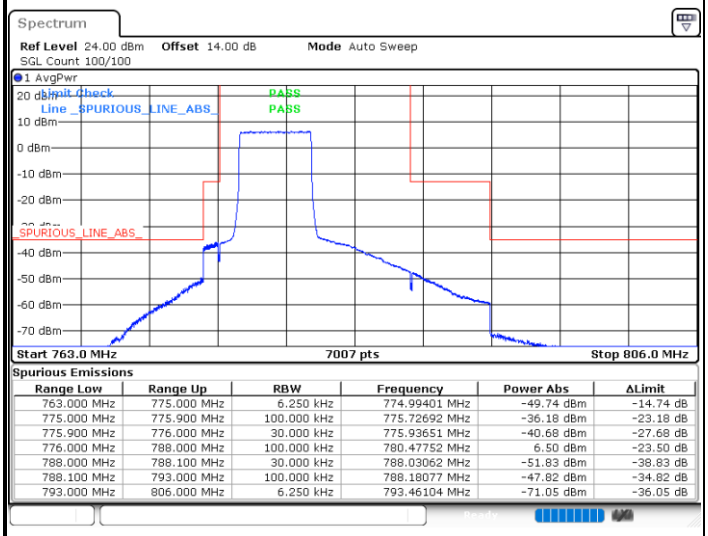


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.89810 MHz	-75.97 dBm	-40.97 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.89326 MHz	-61.72 dBm	-48.72 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97607 MHz	-65.55 dBm	-52.55 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.62737 MHz	21.37 dBm	-8.63 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08187 MHz	-46.06 dBm	-33.06 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.84650 MHz	-46.77 dBm	-33.77 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.30519 MHz	-71.56 dBm	-36.56 dB

Date: 22.SEP.2021 15:23:54

Lowest Band Edge / Full RB

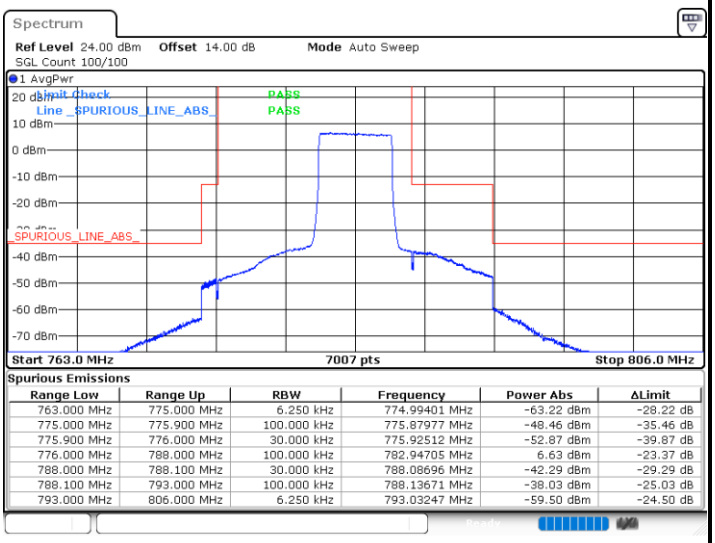


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-49.74 dBm	-14.74 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.72692 MHz	-36.18 dBm	-23.18 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.93651 MHz	-40.68 dBm	-27.68 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.47752 MHz	6.50 dBm	-23.50 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03062 MHz	-51.83 dBm	-38.83 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.18077 MHz	-47.82 dBm	-34.82 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.46104 MHz	-71.05 dBm	-36.05 dB

Date: 22.SEP.2021 15:07:06

Highest Band Edge / Full RB



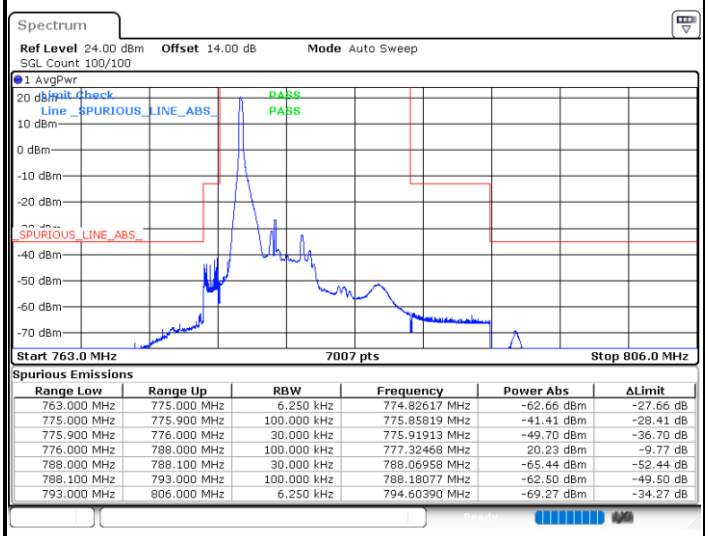
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-63.22 dBm	-28.22 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87977 MHz	-48.46 dBm	-35.46 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92512 MHz	-52.87 dBm	-39.87 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.94705 MHz	6.63 dBm	-23.37 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08696 MHz	-42.29 dBm	-29.29 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.13671 MHz	-38.03 dBm	-25.03 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.03247 MHz	-59.50 dBm	-24.50 dB

Date: 22.SEP.2021 15:22:01

LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

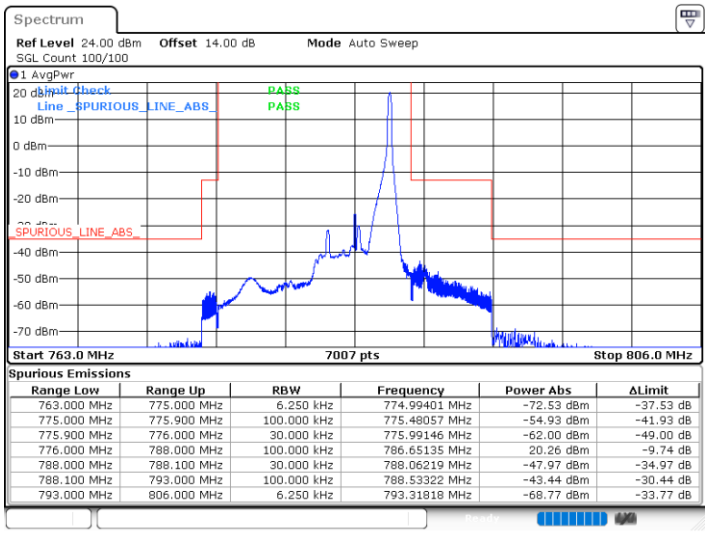


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.82617 MHz	-62.66 dBm	-27.66 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.85819 MHz	-41.41 dBm	-28.41 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91913 MHz	-49.70 dBm	-36.70 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.32468 MHz	20.23 dBm	-9.77 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06958 MHz	-65.44 dBm	-52.44 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.18077 MHz	-62.50 dBm	-49.50 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.60390 MHz	-69.27 dBm	-34.27 dB

Date: 22.SEP.2021 15:32:27

Highest Band Edge / 1 RB

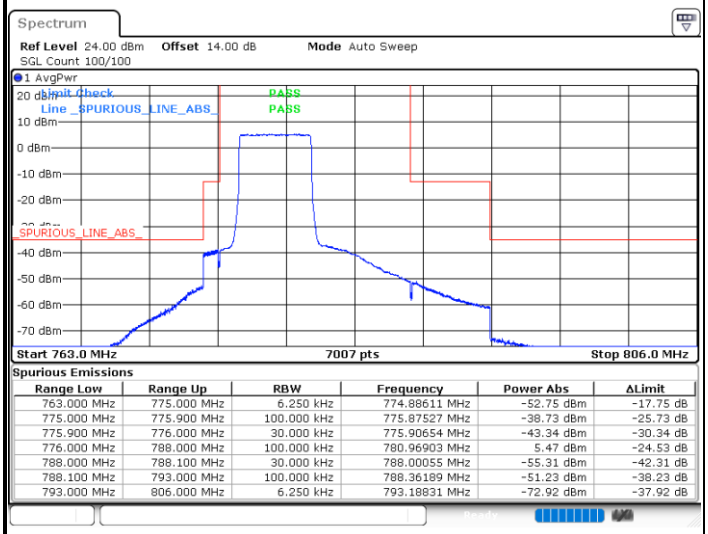


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.99401 MHz	-72.53 dBm	-37.53 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.48057 MHz	-54.93 dBm	-41.93 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.99146 MHz	-62.00 dBm	-49.00 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.65135 MHz	20.26 dBm	-9.74 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06219 MHz	-47.97 dBm	-34.97 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.53322 MHz	-43.44 dBm	-30.44 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.31818 MHz	-68.77 dBm	-33.77 dB

Date: 22.SEP.2021 15:39:36

Lowest Band Edge / Full RB

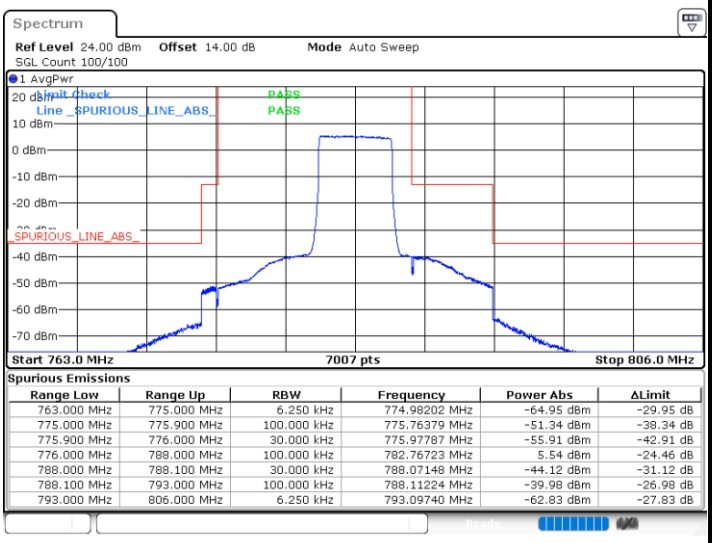


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.88611 MHz	-52.75 dBm	-17.75 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87527 MHz	-38.73 dBm	-25.73 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90654 MHz	-43.34 dBm	-30.34 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.96903 MHz	5.47 dBm	-24.53 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00055 MHz	-55.31 dBm	-42.31 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.36189 MHz	-51.23 dBm	-38.23 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.18831 MHz	-72.92 dBm	-37.92 dB

Date: 22.SEP.2021 15:30:35

Highest Band Edge / Full RB



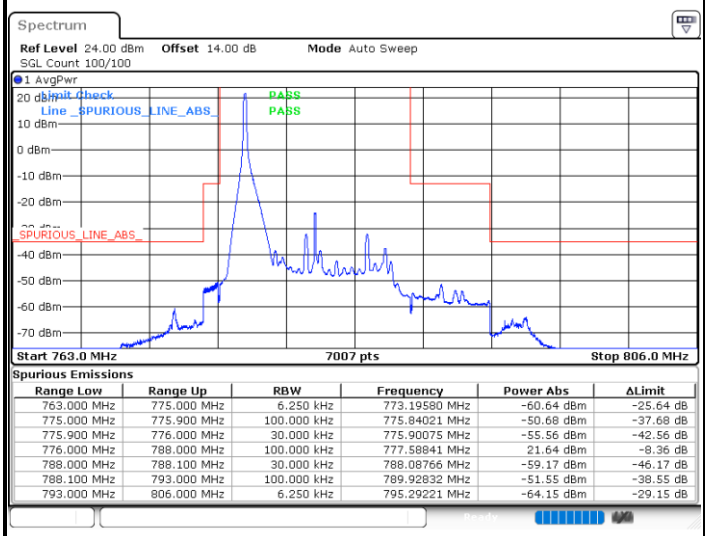
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.98202 MHz	-64.95 dBm	-29.95 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.76379 MHz	-51.34 dBm	-38.34 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.97787 MHz	-55.91 dBm	-42.91 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.76723 MHz	5.54 dBm	-24.46 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07148 MHz	-44.12 dBm	-31.12 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.11224 MHz	-39.98 dBm	-26.98 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.09740 MHz	-62.83 dBm	-27.83 dB

Date: 22.SEP.2021 15:37:44

LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB

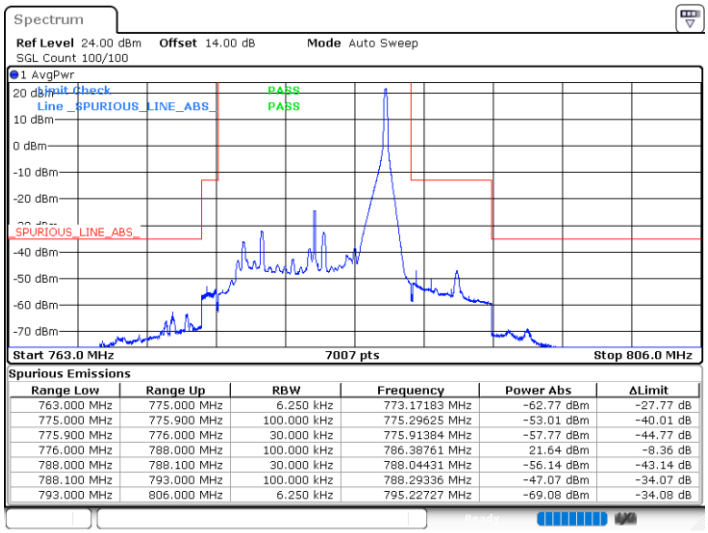


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.19580 MHz	-60.64 dBm	-25.64 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.84021 MHz	-50.68 dBm	-37.68 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90075 MHz	-55.56 dBm	-42.56 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.58841 MHz	21.64 dBm	-8.36 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08766 MHz	-59.17 dBm	-46.17 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.92832 MHz	-51.55 dBm	-38.55 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.29221 MHz	-64.15 dBm	-29.15 dB

Date: 22.SEP.2021 15:49:35

Highest Band Edge / 1 RB

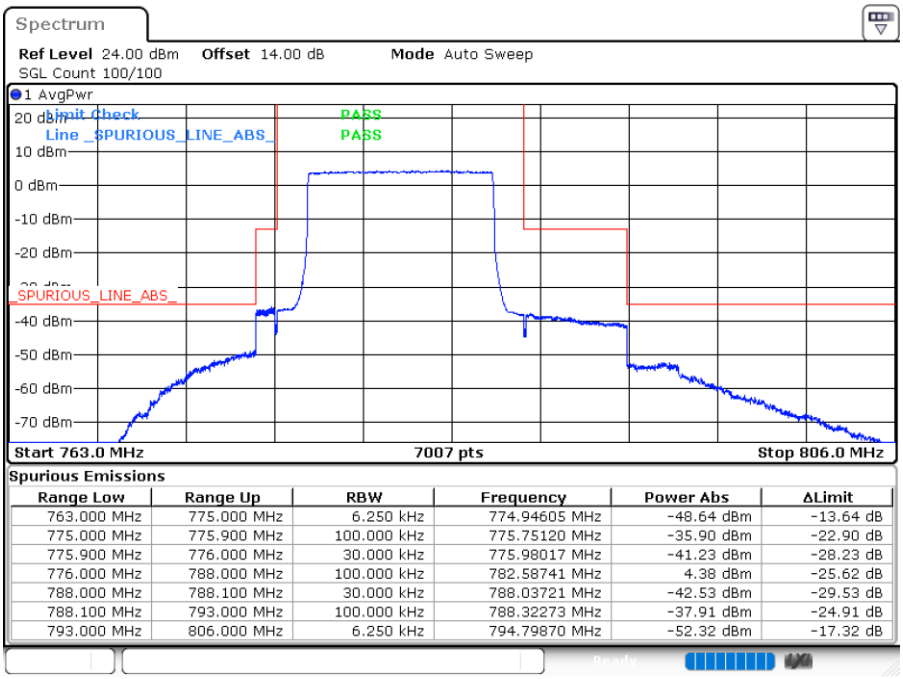


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.17183 MHz	-62.77 dBm	-27.77 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.29625 MHz	-53.01 dBm	-40.01 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91384 MHz	-57.77 dBm	-44.77 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.38761 MHz	21.64 dBm	-8.36 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.04431 MHz	-56.14 dBm	-43.14 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.29336 MHz	-47.07 dBm	-34.07 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.22727 MHz	-69.08 dBm	-34.08 dB

Date: 22.SEP.2021 15:51:27

Band Edge / Full RB



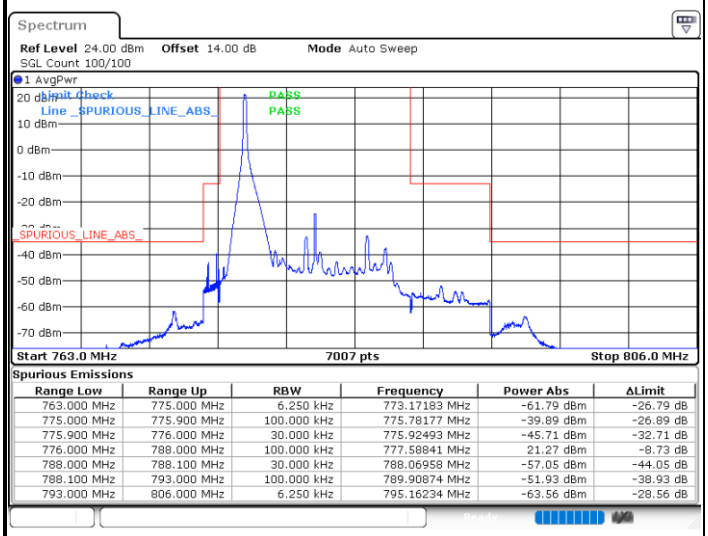
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.94605 MHz	-48.64 dBm	-13.64 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.75120 MHz	-35.90 dBm	-22.90 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.98017 MHz	-41.23 dBm	-28.23 dB
776.000 MHz	788.000 MHz	100.000 kHz	782.58741 MHz	4.38 dBm	-25.62 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03721 MHz	-42.53 dBm	-29.53 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.32273 MHz	-37.91 dBm	-24.91 dB
793.000 MHz	806.000 MHz	6.250 kHz	794.79870 MHz	-52.32 dBm	-17.32 dB

Date: 22.SEP.2021 15:43:59

LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

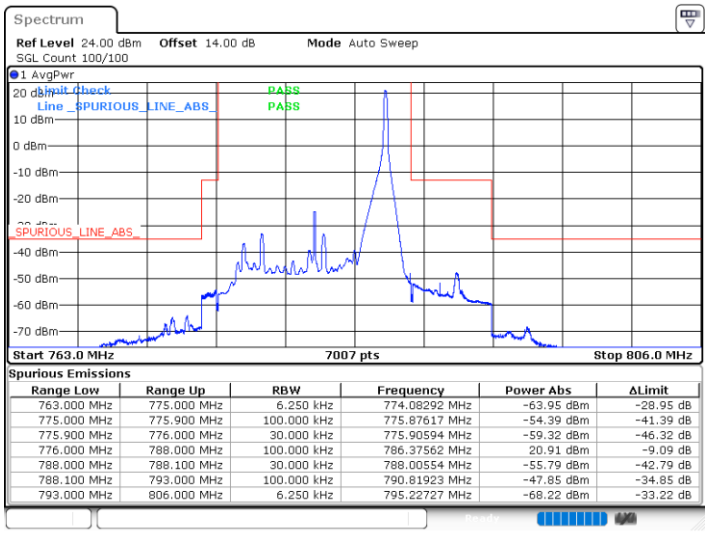


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.17183 MHz	-61.79 dBm	-26.79 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.78177 MHz	-39.89 dBm	-26.89 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.92493 MHz	-45.71 dBm	-32.71 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.58841 MHz	21.27 dBm	-8.73 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.06958 MHz	-57.05 dBm	-44.05 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.90874 MHz	-51.93 dBm	-38.93 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.16234 MHz	-63.56 dBm	-28.56 dB

Date: 22.SEP.2021 15:47:43

Highest Band Edge / 1 RB

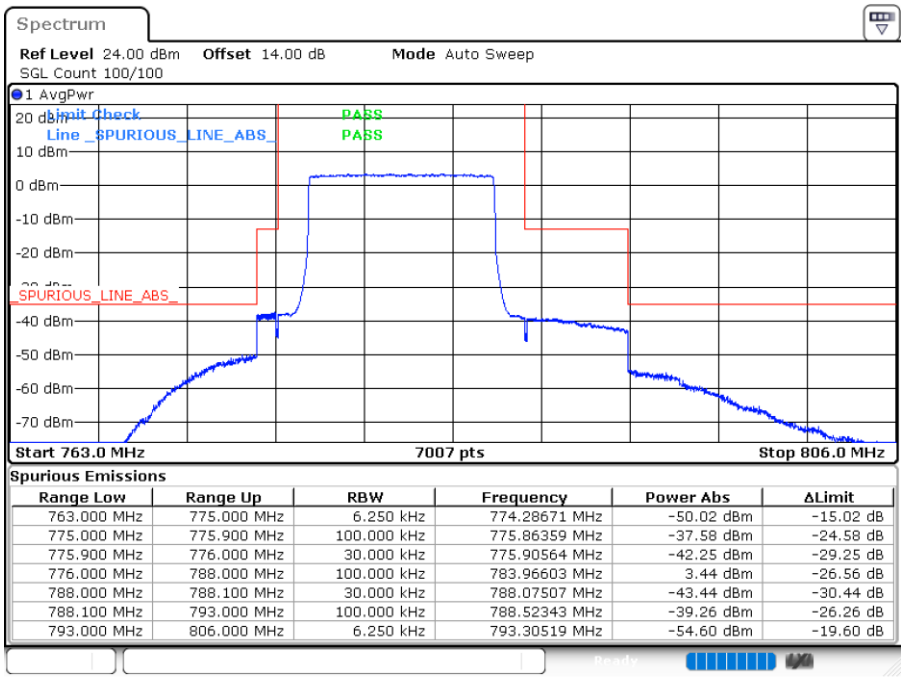


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.08292 MHz	-63.95 dBm	-28.95 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.87617 MHz	-54.39 dBm	-41.39 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90594 MHz	-59.32 dBm	-46.32 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.37562 MHz	20.91 dBm	-9.09 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.00554 MHz	-55.79 dBm	-42.79 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.81923 MHz	-47.85 dBm	-34.85 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.22727 MHz	-68.22 dBm	-33.22 dB

Date: 22.SEP.2021 15:53:19

Band Edge / Full RB



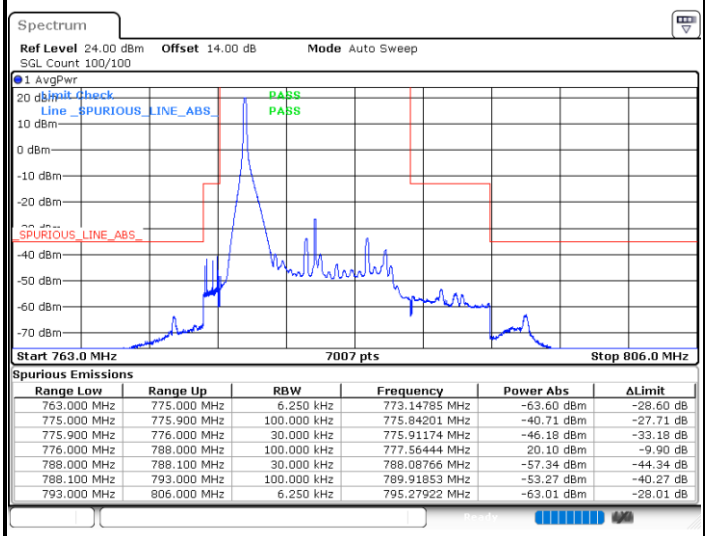
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.28671 MHz	-50.02 dBm	-15.02 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.86359 MHz	-37.58 dBm	-24.58 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90564 MHz	-42.25 dBm	-29.25 dB
776.000 MHz	788.000 MHz	100.000 kHz	783.96603 MHz	3.44 dBm	-26.56 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.07507 MHz	-43.44 dBm	-30.44 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.52343 MHz	-39.26 dBm	-26.26 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.30519 MHz	-54.60 dBm	-19.60 dB

Date: 22.SEP.2021 15:45:51

LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

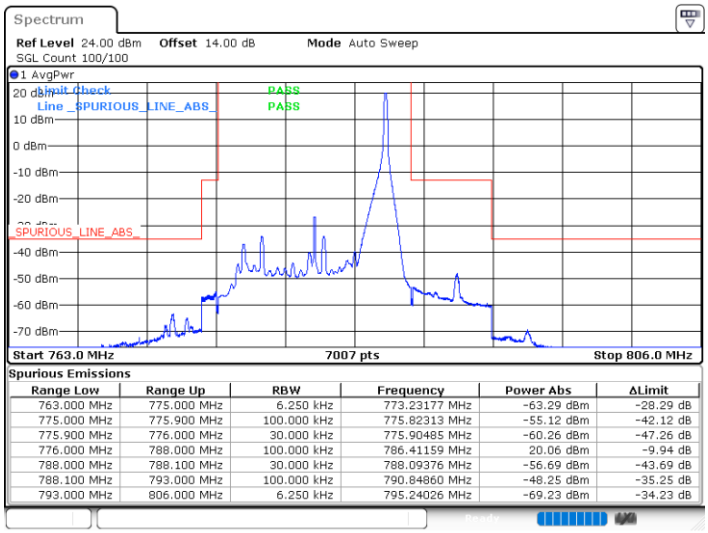


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.14785 MHz	-63.60 dBm	-28.60 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.84201 MHz	-40.71 dBm	-27.71 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.91174 MHz	-46.18 dBm	-33.18 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.56444 MHz	20.10 dBm	-9.90 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.08766 MHz	-57.34 dBm	-44.34 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.91853 MHz	-53.27 dBm	-40.27 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.27922 MHz	-63.01 dBm	-28.01 dB

Date: 22.SEP.2021 15:59:57

Highest Band Edge / 1 RB

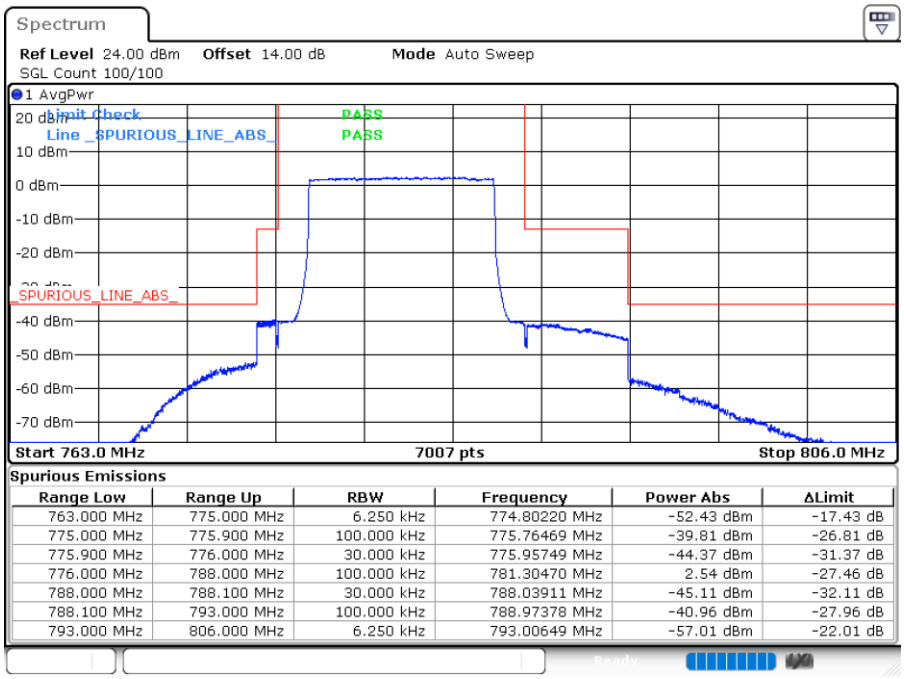


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	773.23177 MHz	-63.29 dBm	-28.29 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.82313 MHz	-55.12 dBm	-42.12 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.90485 MHz	-60.26 dBm	-47.26 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.41159 MHz	20.06 dBm	-9.94 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.09376 MHz	-56.69 dBm	-43.69 dB
788.100 MHz	793.000 MHz	100.000 kHz	790.84860 MHz	-48.25 dBm	-35.25 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.24026 MHz	-69.23 dBm	-34.23 dB

Date: 22.SEP.2021 16:01:49

Band Edge / Full RB



Spurious Emissions

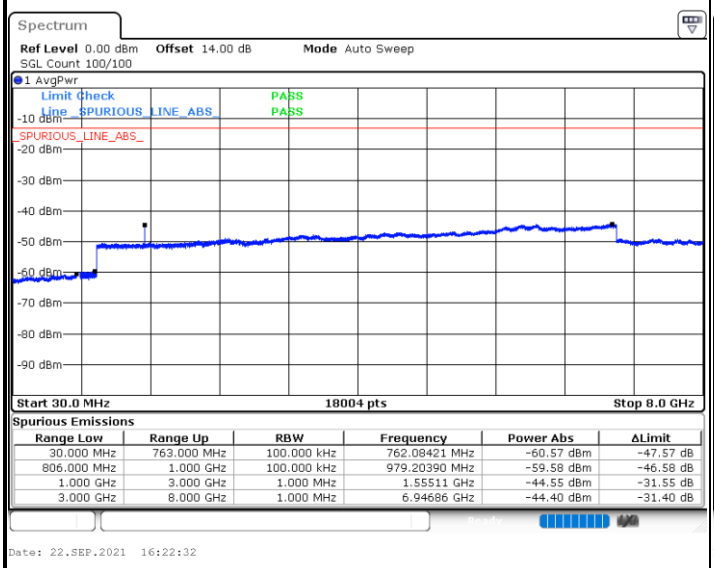
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.80220 MHz	-52.43 dBm	-17.43 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.76469 MHz	-39.81 dBm	-26.81 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.95749 MHz	-44.37 dBm	-31.37 dB
776.000 MHz	788.000 MHz	100.000 kHz	781.30470 MHz	2.54 dBm	-27.46 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.03911 MHz	-45.11 dBm	-32.11 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.97378 MHz	-40.96 dBm	-27.96 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.00649 MHz	-57.01 dBm	-22.01 dB

Date: 22.SEP.2021 15:58:05

Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

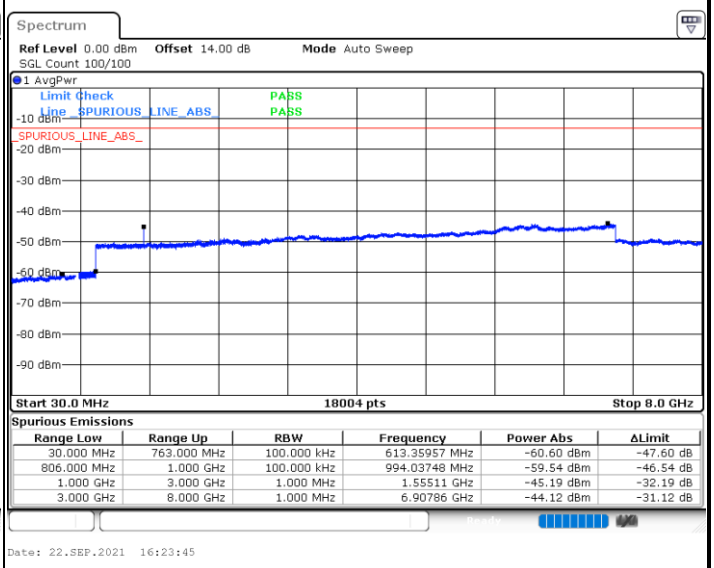


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	762.08421 MHz	-60.57 dBm	-47.57 dB
806.000 MHz	1.000 GHz	100.000 kHz	979.20390 MHz	-59.58 dBm	-46.58 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-44.55 dBm	-31.55 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94686 GHz	-44.40 dBm	-31.40 dB

Date: 22.SEP.2021 16:22:32

Lowest Channel / 16QAM

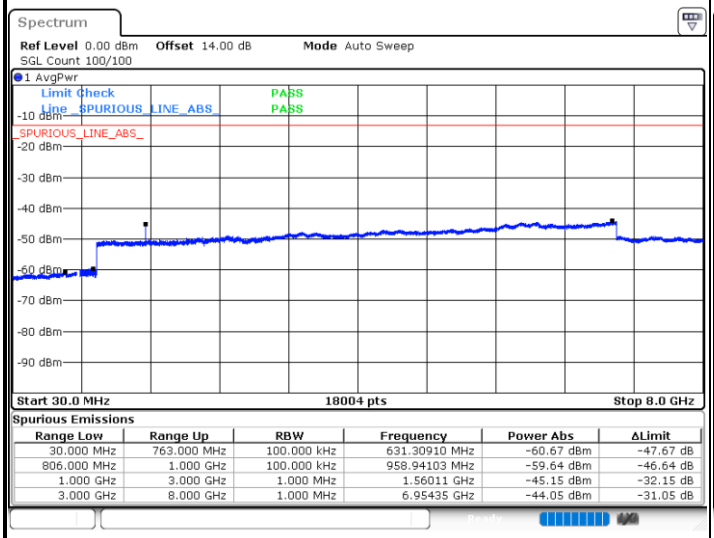


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	613.35957 MHz	-60.60 dBm	-47.60 dB
806.000 MHz	1.000 GHz	100.000 kHz	994.03748 MHz	-59.54 dBm	-46.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-45.19 dBm	-32.19 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.90786 GHz	-44.12 dBm	-31.12 dB

Date: 22.SEP.2021 16:23:45

Middle Channel / QPSK

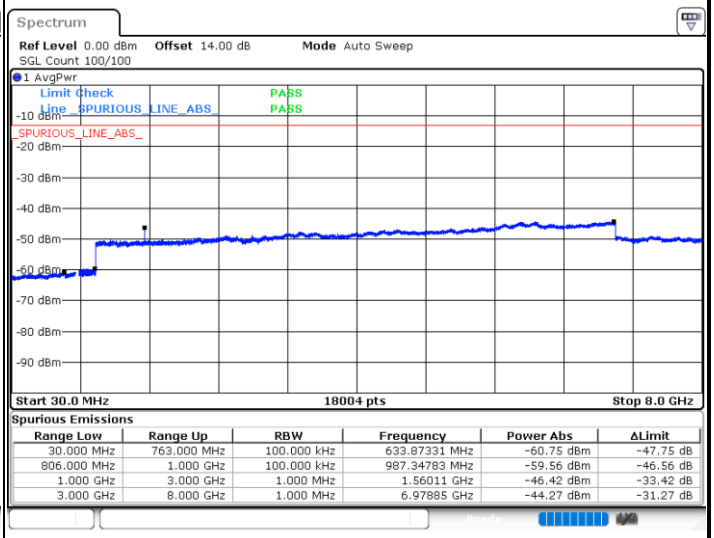


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	631.30910 MHz	-60.67 dBm	-47.67 dB
806.000 MHz	1.000 GHz	100.000 kHz	958.94103 MHz	-59.64 dBm	-46.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-45.15 dBm	-32.15 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.95435 GHz	-44.05 dBm	-31.05 dB

Date: 22.SEP.2021 16:26:09

Middle Channel / 16QAM



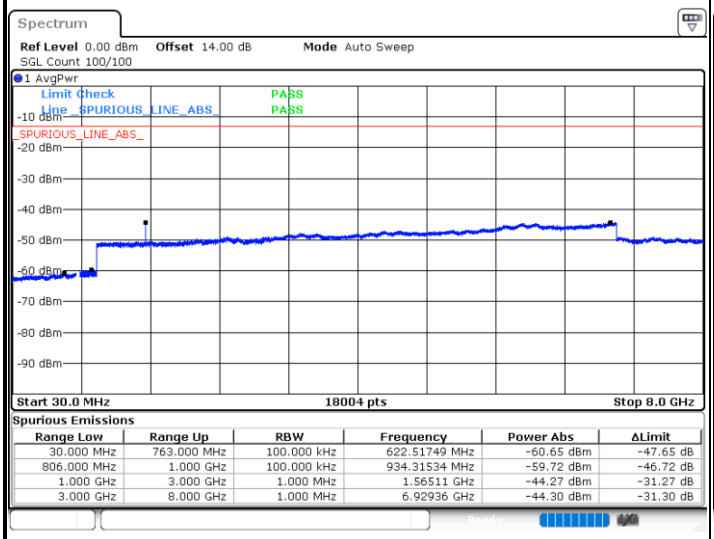
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	633.87331 MHz	-60.75 dBm	-47.75 dB
806.000 MHz	1.000 GHz	100.000 kHz	987.34783 MHz	-59.56 dBm	-46.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-46.42 dBm	-33.42 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.97885 GHz	-44.27 dBm	-31.27 dB

Date: 22.SEP.2021 16:24:57

LTE Band 13 / 5MHz

Highest Channel / QPSK

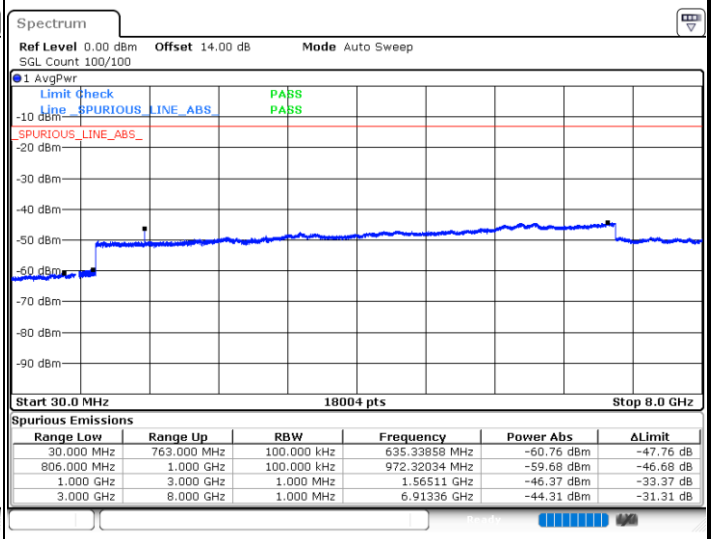


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	622.51749 MHz	-60.65 dBm	-47.65 dB
806.000 MHz	1.000 GHz	100.000 kHz	934.31534 MHz	-59.72 dBm	-46.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-44.27 dBm	-31.27 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.92936 GHz	-44.30 dBm	-31.30 dB

Date: 22.SEP.2021 16:27:21

Highest Channel / 16QAM



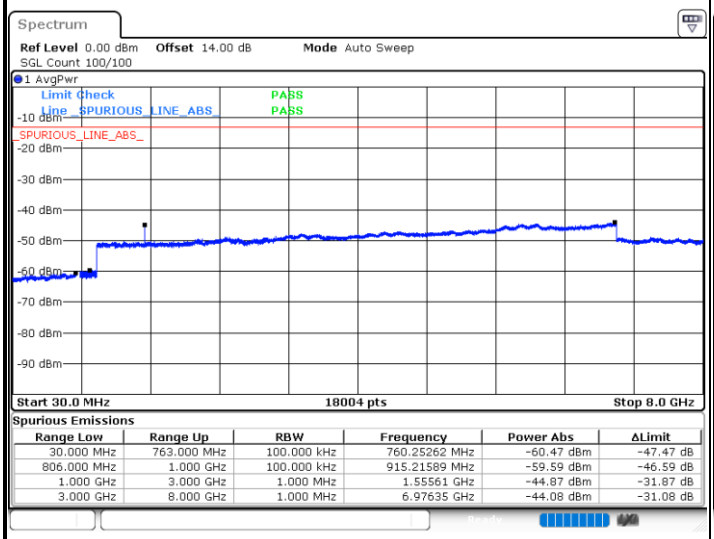
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	635.33858 MHz	-60.76 dBm	-47.76 dB
806.000 MHz	1.000 GHz	100.000 kHz	972.32034 MHz	-59.68 dBm	-46.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-46.37 dBm	-33.37 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.91336 GHz	-44.31 dBm	-31.31 dB

Date: 22.SEP.2021 16:28:33

LTE Band 13 / 10MHz

Middle Channel / QPSK

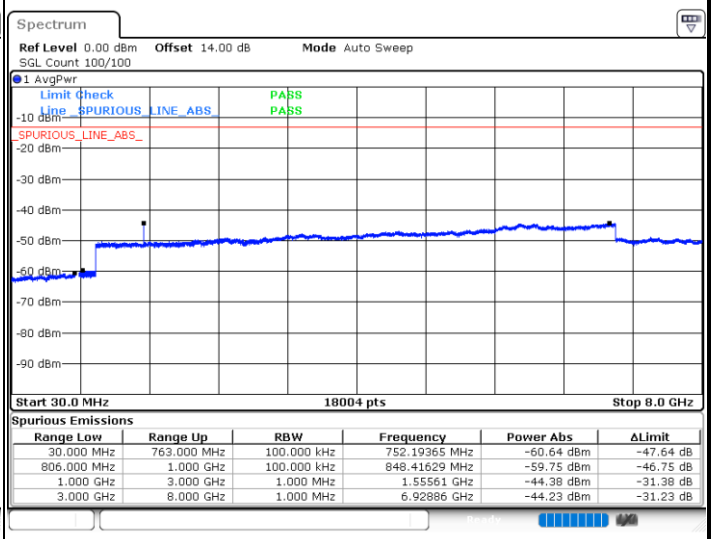


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	760.25262 MHz	-60.47 dBm	-47.47 dB
806.000 MHz	1.000 GHz	100.000 kHz	915.21589 MHz	-59.59 dBm	-46.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-44.87 dBm	-31.87 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.97635 GHz	-44.08 dBm	-31.08 dB

Date: 22.SEP.2021 16:34:35

Middle Channel / 16QAM



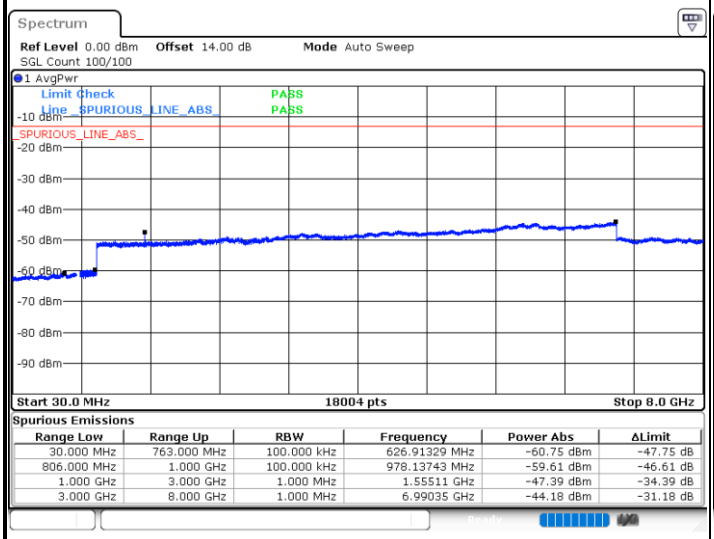
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	752.19365 MHz	-60.64 dBm	-47.64 dB
806.000 MHz	1.000 GHz	100.000 kHz	848.41629 MHz	-59.75 dBm	-46.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-44.38 dBm	-31.38 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.92886 GHz	-44.23 dBm	-31.23 dB

Date: 22.SEP.2021 16:33:23

LTE Band 13 / 5MHz

Lowest Channel / 64QAM

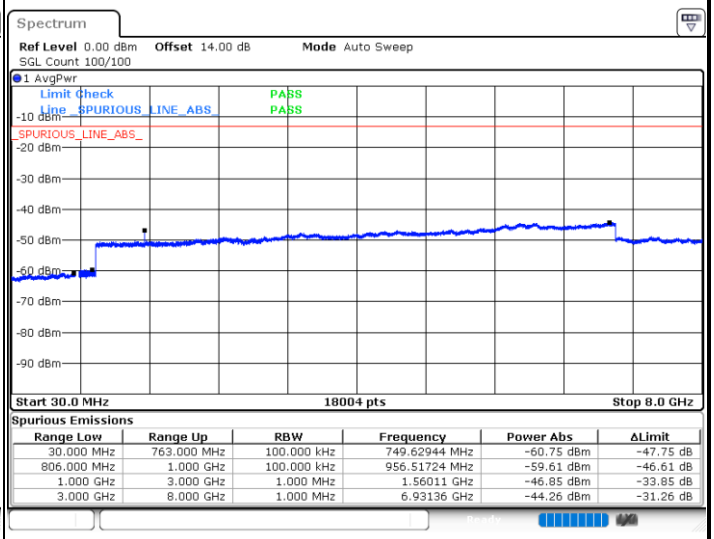


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	626.91329 MHz	-60.75 dBm	-47.75 dB
806.000 MHz	1.000 GHz	100.000 kHz	978.13743 MHz	-59.61 dBm	-46.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55511 GHz	-47.39 dBm	-34.39 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.99035 GHz	-44.18 dBm	-31.18 dB

Date: 22.SEP.2021 16:29:46

Middle Channel / 64QAM

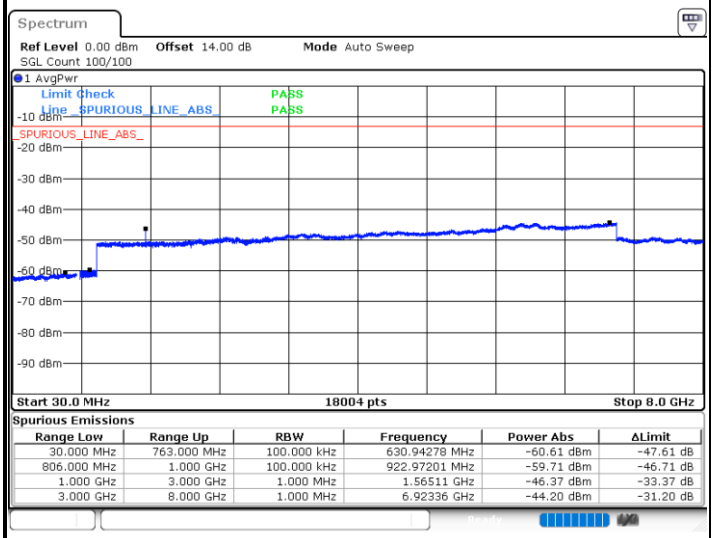


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	749.62944 MHz	-60.75 dBm	-47.75 dB
806.000 MHz	1.000 GHz	100.000 kHz	956.51724 MHz	-59.61 dBm	-46.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56011 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.93136 GHz	-44.26 dBm	-31.26 dB

Date: 22.SEP.2021 16:30:58

Highest Channel / 64QAM

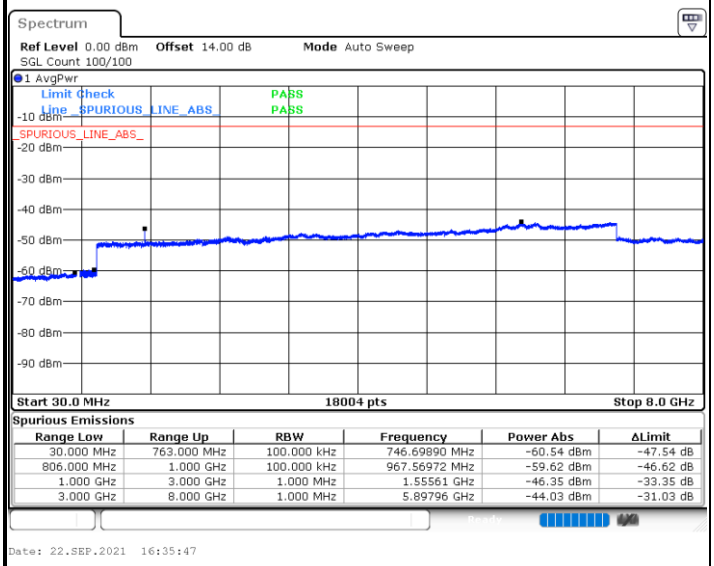


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	630.94278 MHz	-60.61 dBm	-47.61 dB
806.000 MHz	1.000 GHz	100.000 kHz	922.97201 MHz	-59.71 dBm	-46.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.56511 GHz	-46.37 dBm	-33.37 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.92336 GHz	-44.20 dBm	-31.20 dB

Date: 22.SEP.2021 16:32:10

LTE Band 13 / 10MHz	
Middle Channel / 64QAM	



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	746.69890 MHz	-60.54 dBm	-47.54 dB
806.000 MHz	1.000 GHz	100.000 kHz	967.56972 MHz	-59.62 dBm	-46.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.55561 GHz	-46.35 dBm	-33.35 dB
3.000 GHz	8.000 GHz	1.000 MHz	5.89796 GHz	-44.03 dBm	-31.03 dB

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0050	PASS
40	Normal Voltage	0.0210	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0180	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0192	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0196	

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.9V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

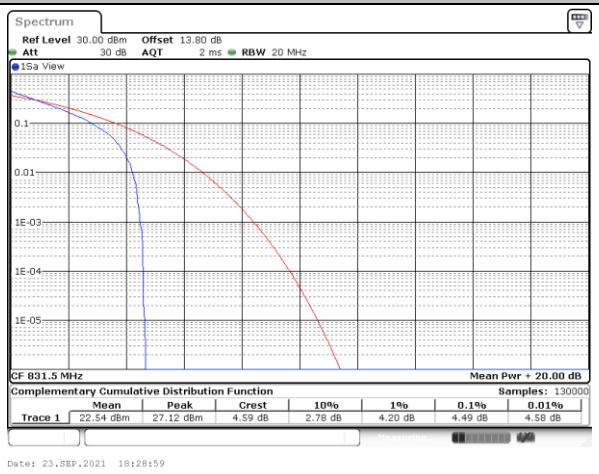
LTE Band 26_Part 22H

Peak-to-Average Ratio

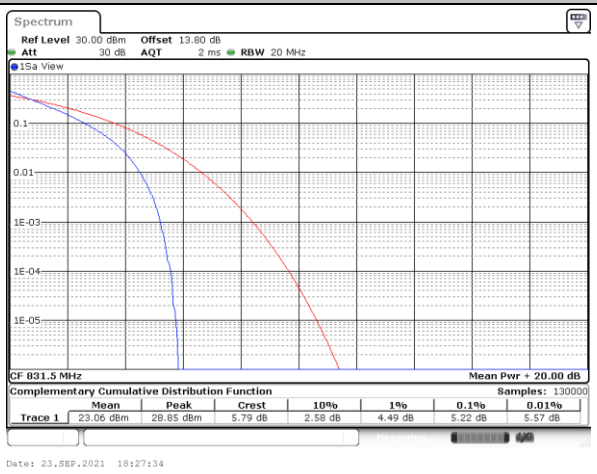
Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.49	5.22	5.28	5.97	PASS
Middle CH	3.68	5.28	4.49	6.20	
Highest CH	4.03	5.33	4.70	6.20	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.06	6.55	-	-	PASS
Middle CH	5.65	6.67	-	-	
Highest CH	5.77	6.67	-	-	

LTE Band 26 / 15MHz / QPSK

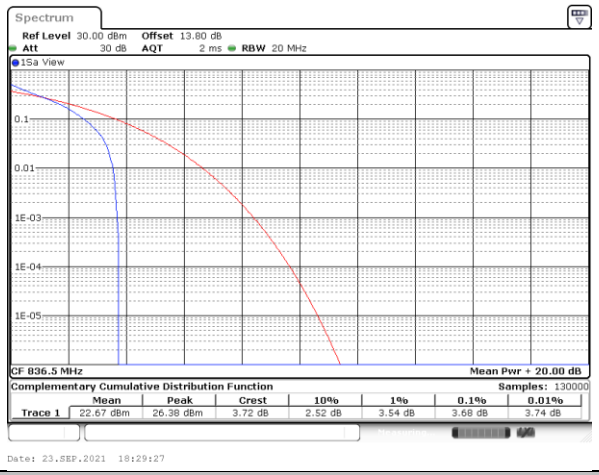
Lowest Channel / 1RB



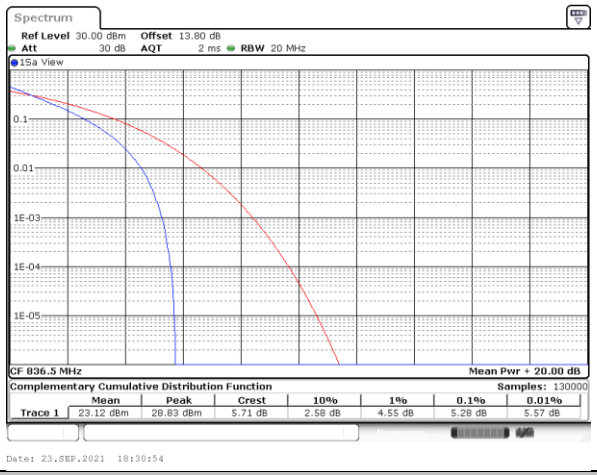
Lowest Channel / Full RB



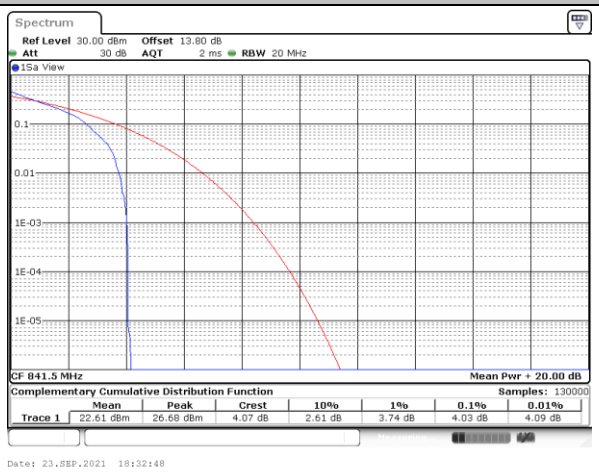
Middle Channel / 1RB



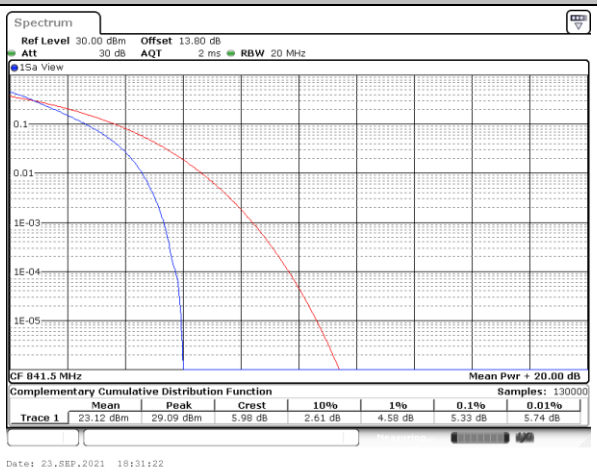
Middle Channel / Full RB



Highest Channel / 1RB

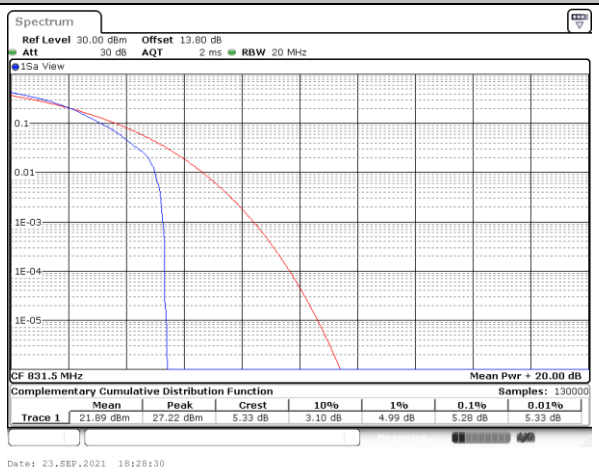


Highest Channel / Full RB

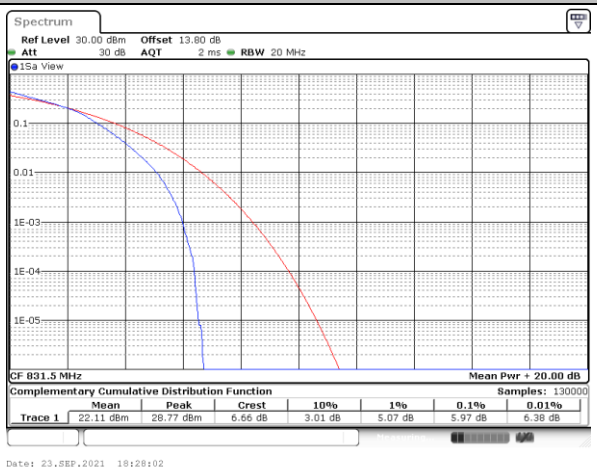


LTE Band 26 / 15MHz / 16QAM

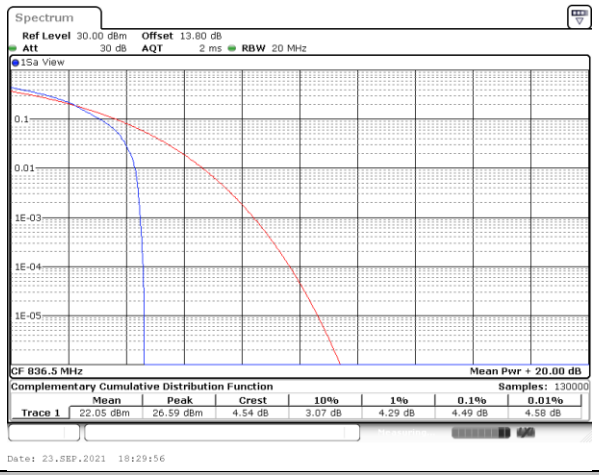
Lowest Channel / 1RB



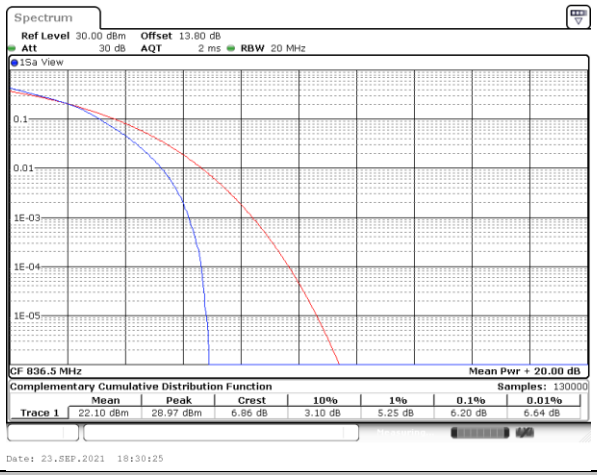
Lowest Channel / Full RB



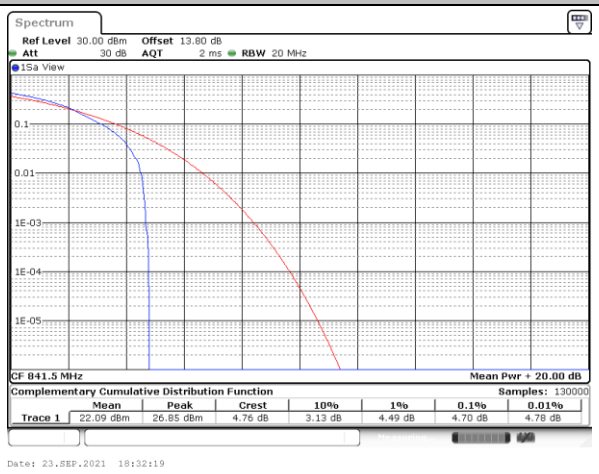
Middle Channel / 1RB



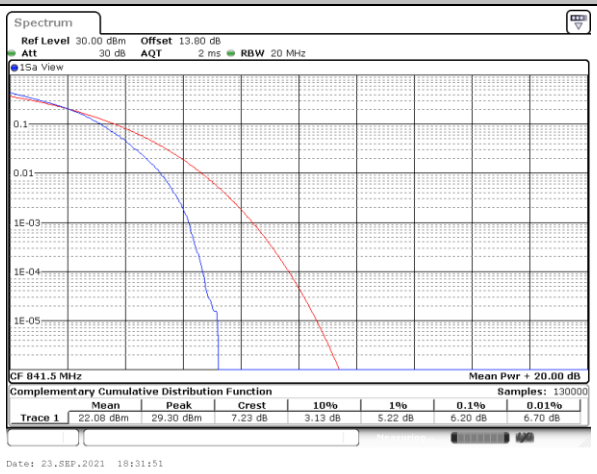
Middle Channel / Full RB



Highest Channel / 1RB

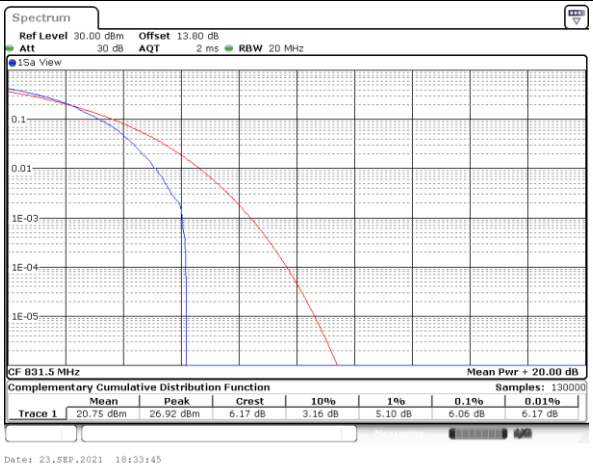


Highest Channel / Full RB

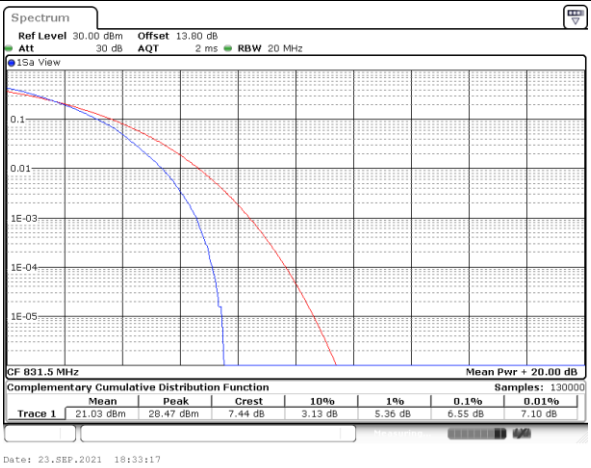


LTE Band 26 / 15MHz / 64QAM

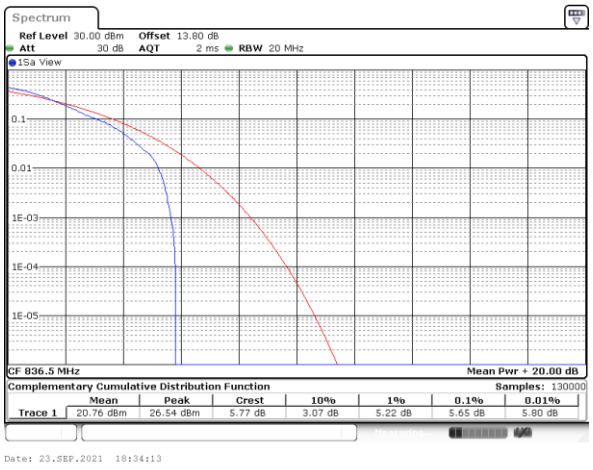
Lowest Channel / 1RB



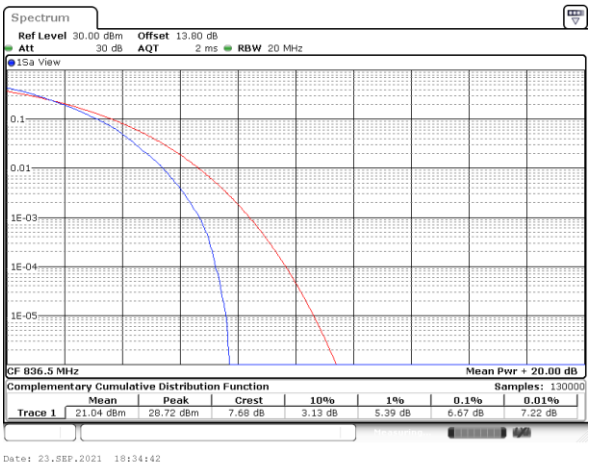
Lowest Channel / Full RB



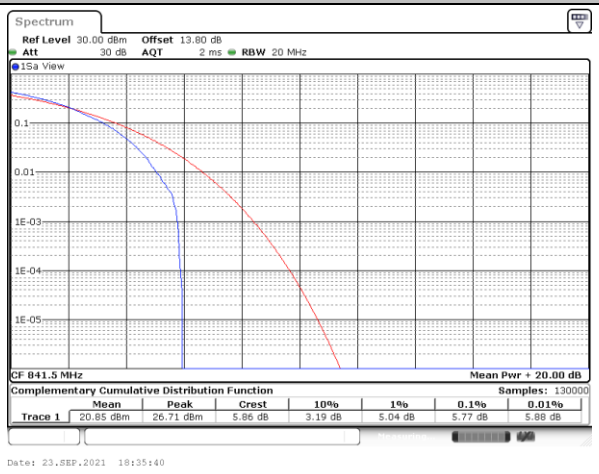
Middle Channel / 1RB



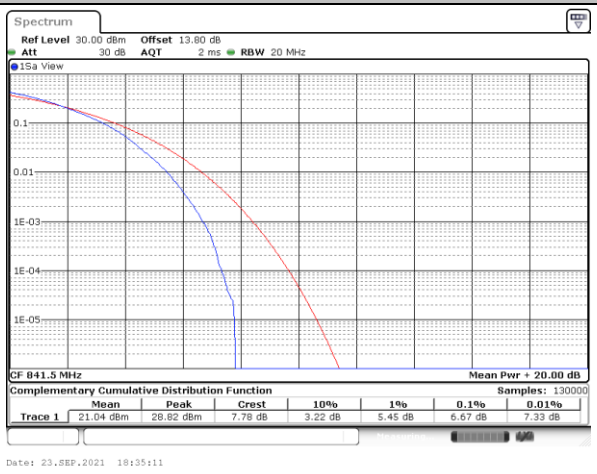
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

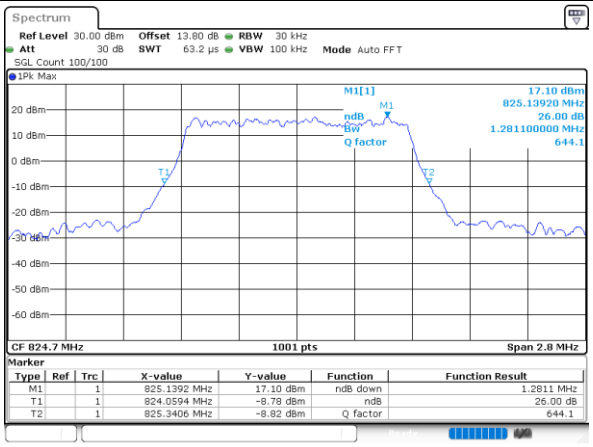


26dB Bandwidth

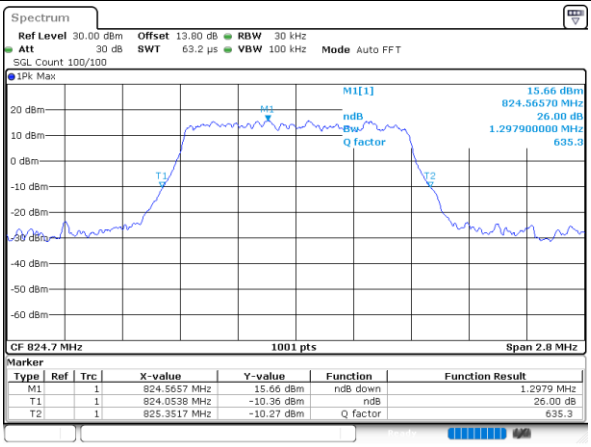
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.28	1.30	2.96	3.00	4.88	4.99	9.63	9.73	14.63	14.51	-	-
Middle CH	1.27	1.30	2.96	3.00	4.94	4.84	9.85	9.75	14.36	14.24	-	-
Highest CH	1.24	1.30	2.97	2.99	4.88	4.93	9.89	9.79	14.60	14.15	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.30	-	2.96	-	4.85	-	9.79	-	14.30	-	-	-
Middle CH	1.29	-	3.02	-	4.93	-	9.81	-	14.45	-	-	-
Highest CH	1.28	-	2.96	-	4.86	-	9.85	-	14.42	-	-	-

LTE Band 26

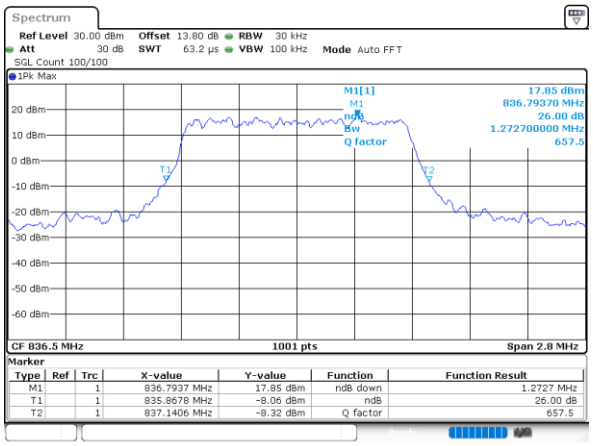
Lowest Channel / 1.4MHz / QPSK



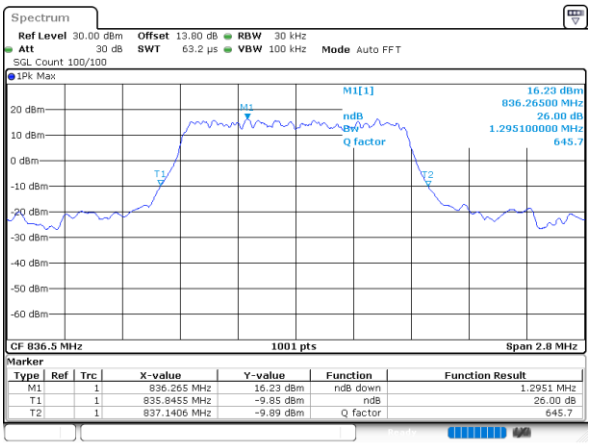
Lowest Channel / 1.4MHz / 16QAM



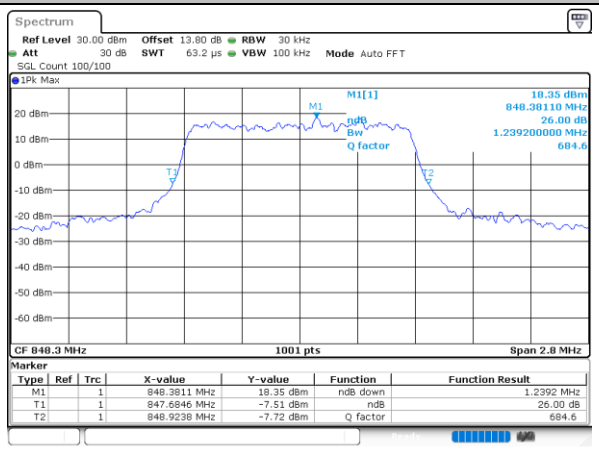
Middle Channel / 1.4MHz / QPSK



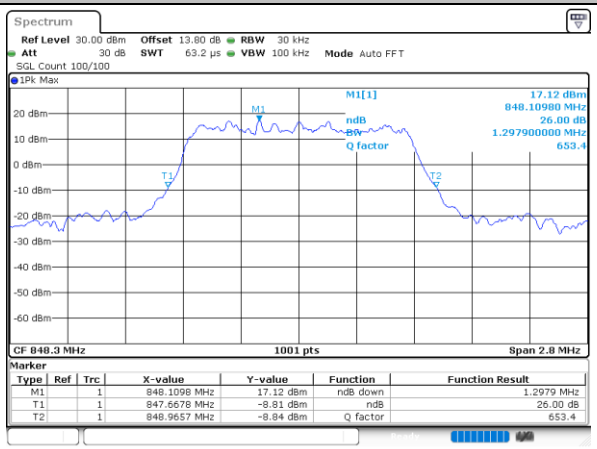
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

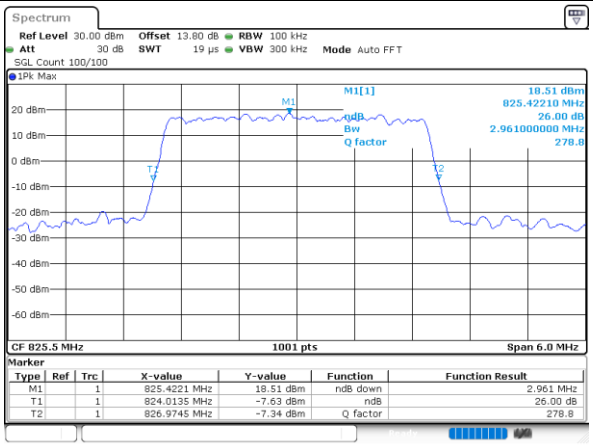


Highest Channel / 1.4MHz / 16QAM

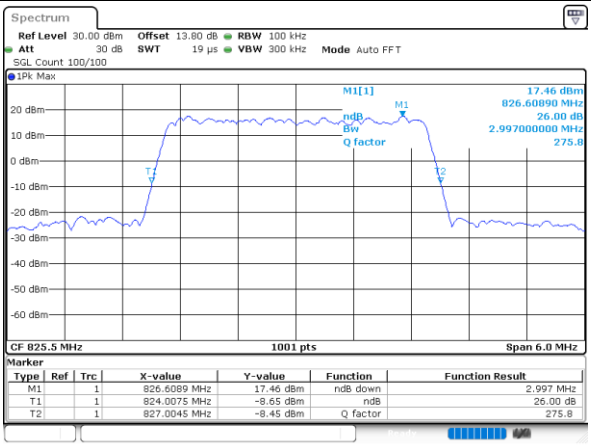


LTE Band 26

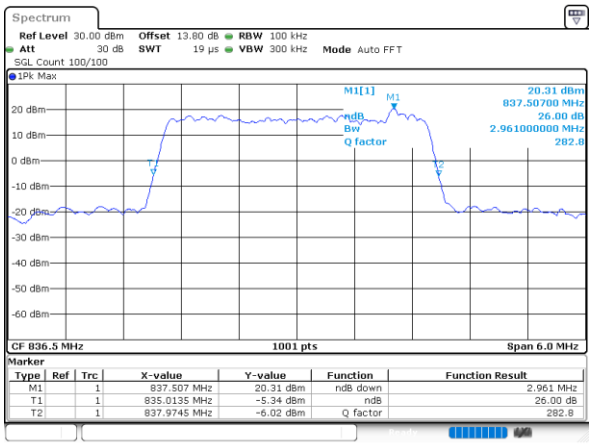
Lowest Channel / 3MHz / QPSK



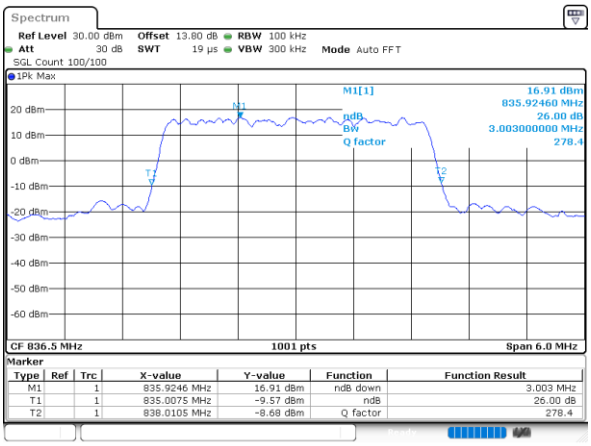
Lowest Channel / 3MHz / 16QAM



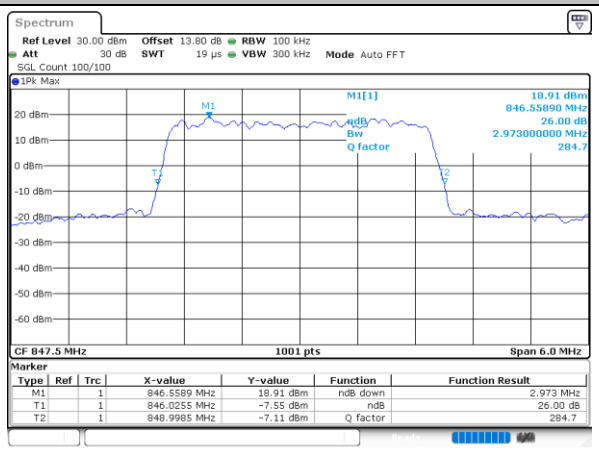
Middle Channel / 3MHz / QPSK



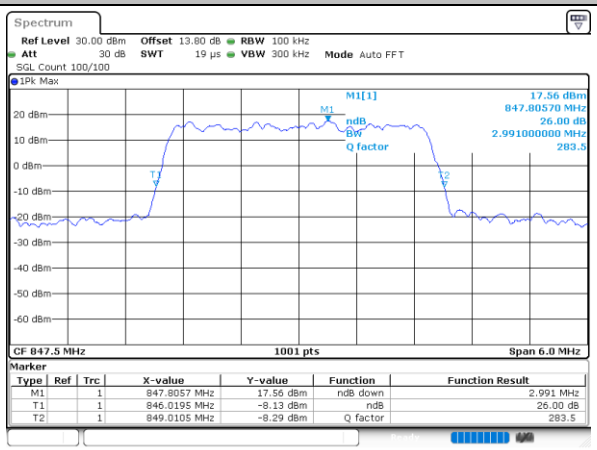
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

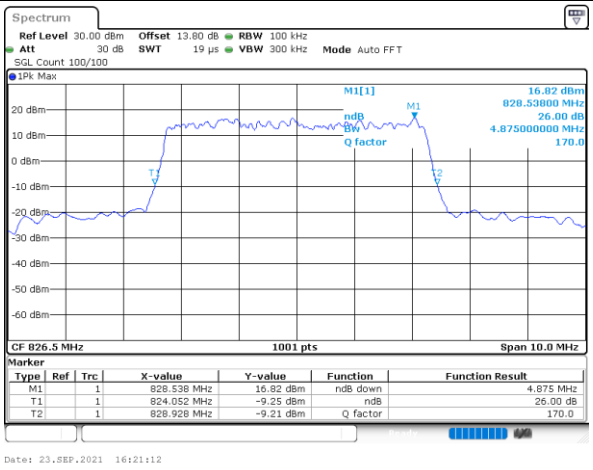


Highest Channel / 3MHz / 16QAM

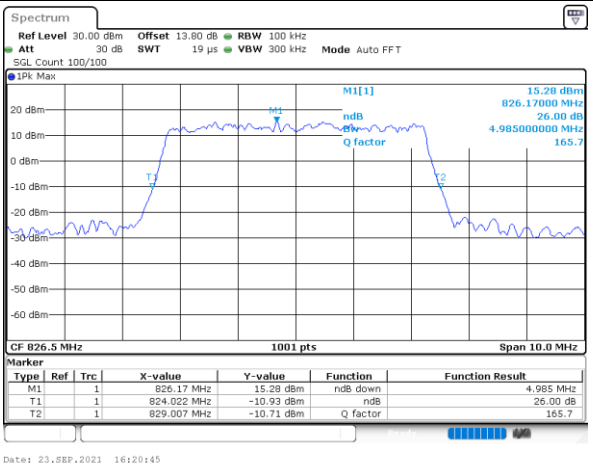


LTE Band 26

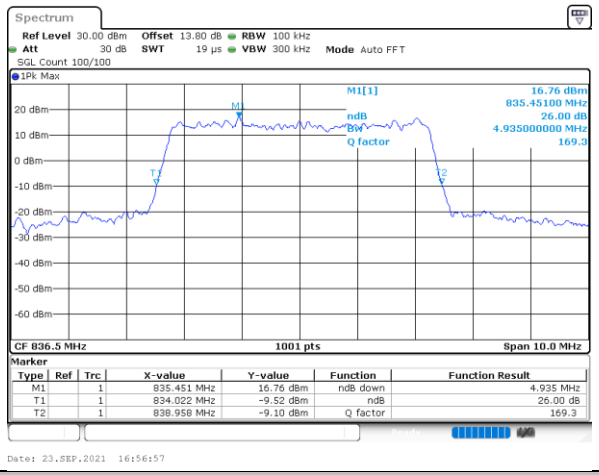
Lowest Channel / 5MHz / QPSK



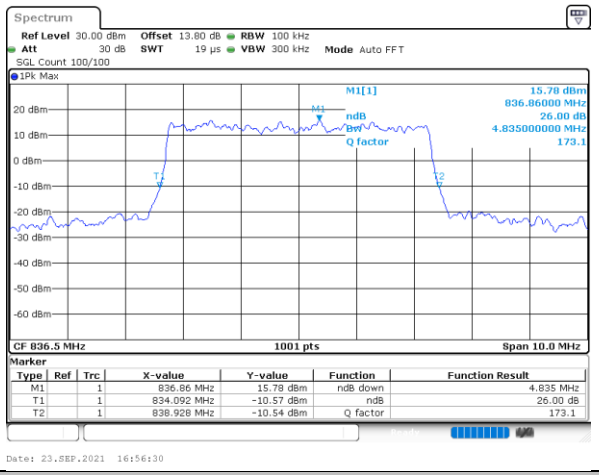
Lowest Channel / 5MHz / 16QAM



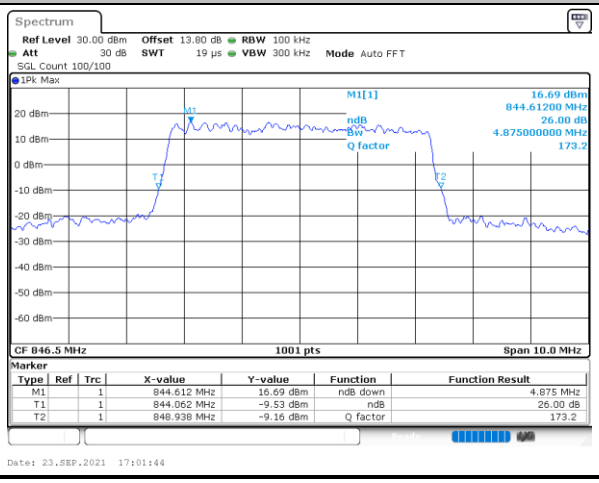
Middle Channel / 5MHz / QPSK



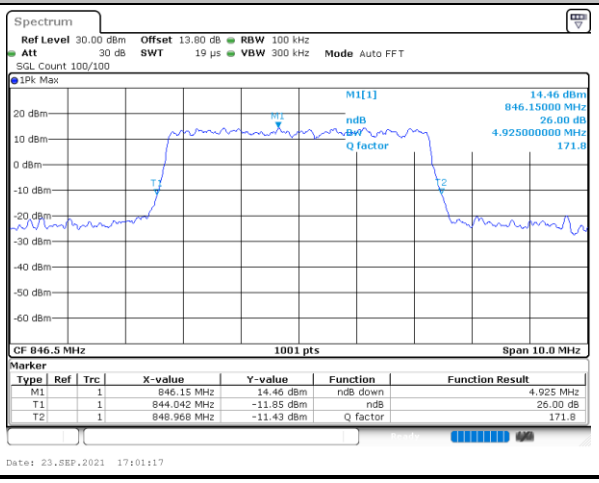
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

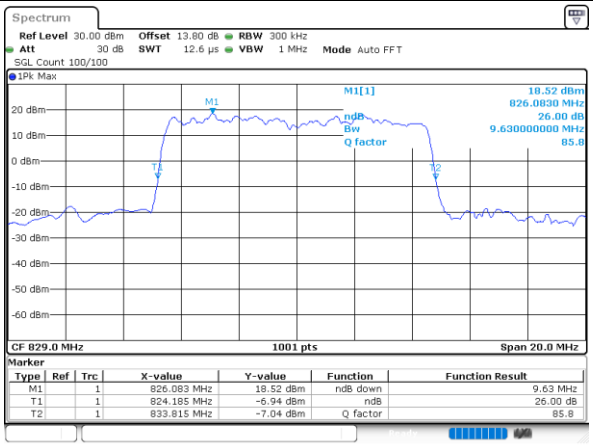


Highest Channel / 5MHz / 16QAM

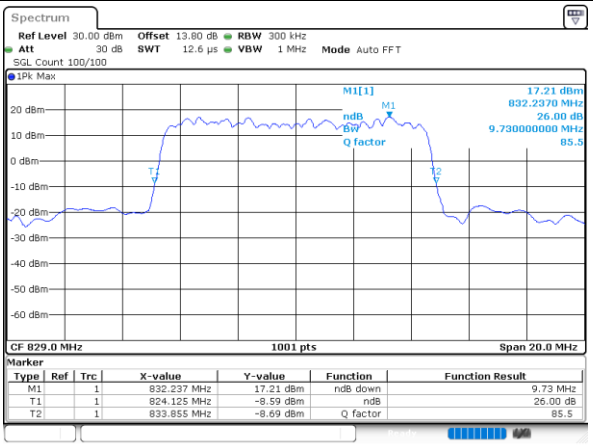


LTE Band 26

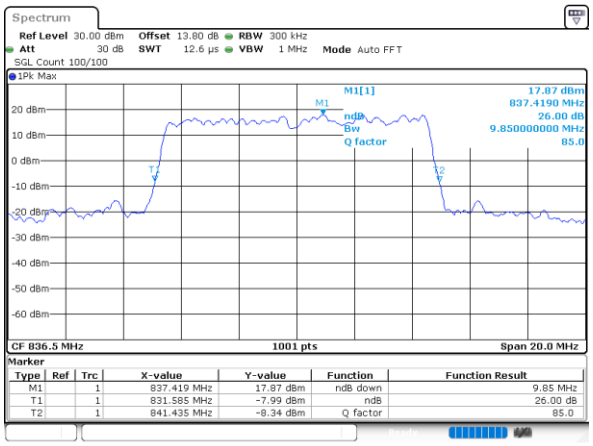
Lowest Channel / 10MHz / QPSK



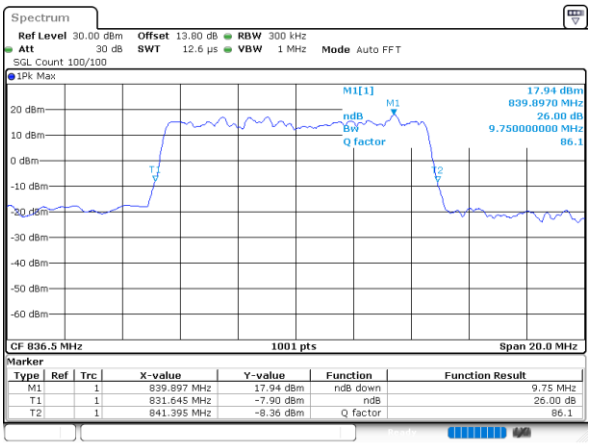
Lowest Channel / 10MHz / 16QAM



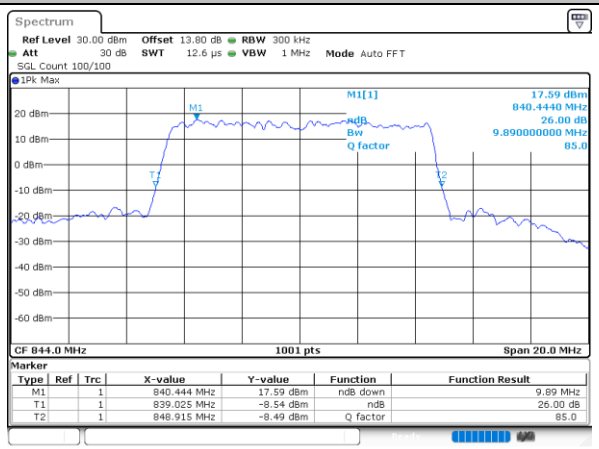
Middle Channel / 10MHz / QPSK



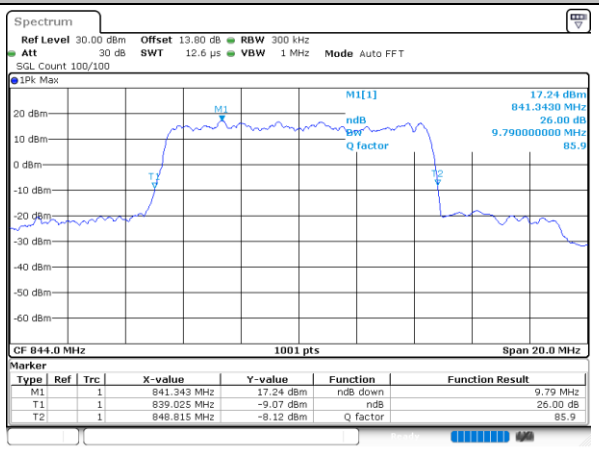
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

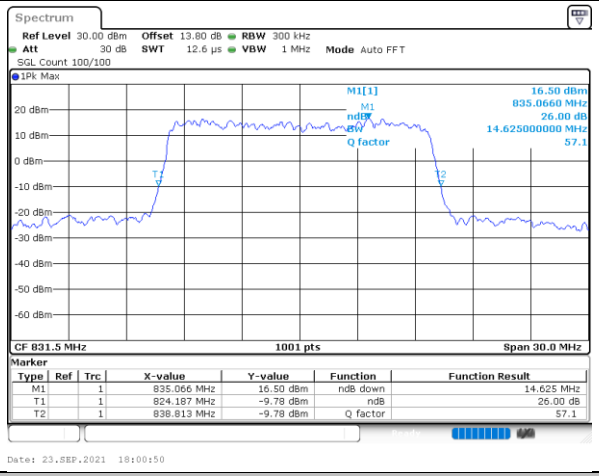


Highest Channel / 10MHz / 16QAM

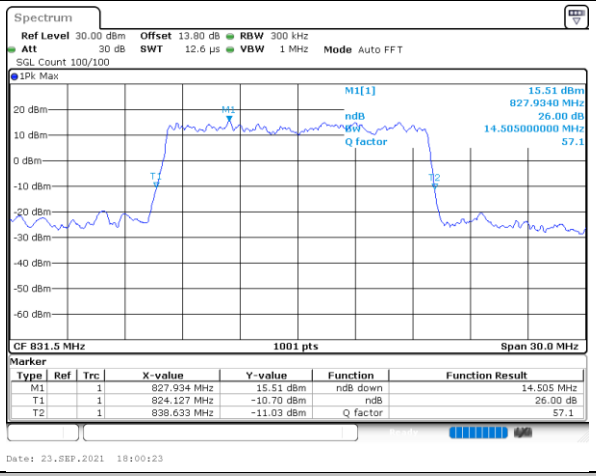


LTE Band 26

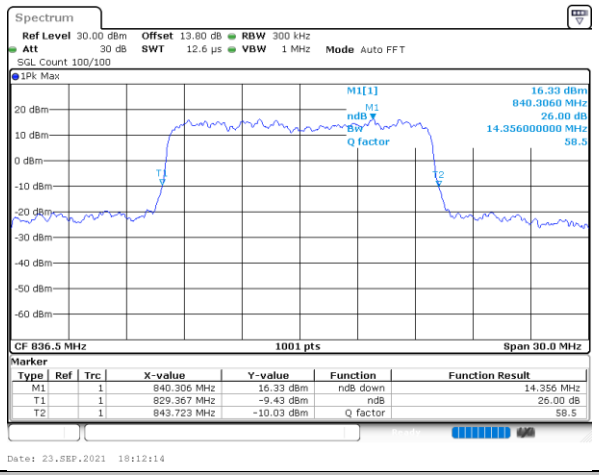
Lowest Channel / 15MHz / QPSK



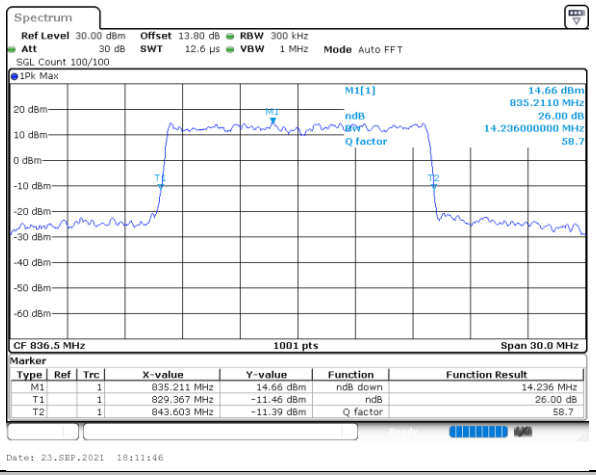
Lowest Channel / 15MHz / 16QAM



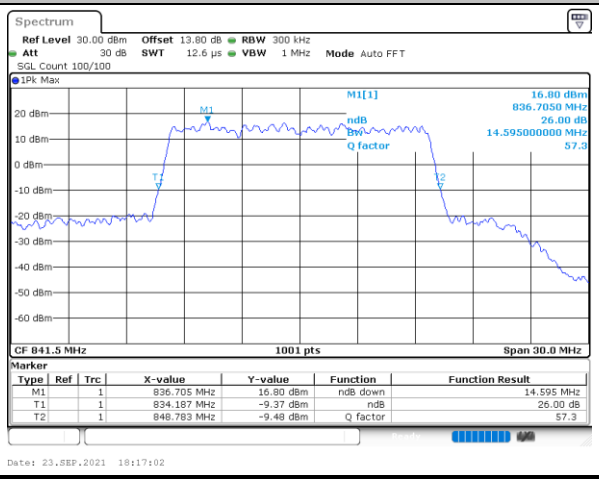
Middle Channel / 15MHz / QPSK



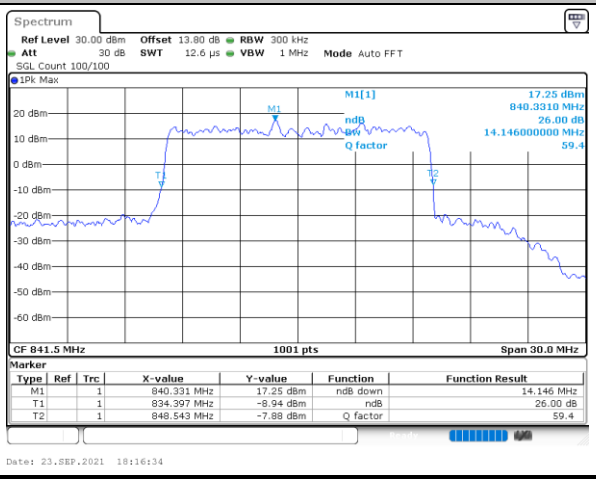
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

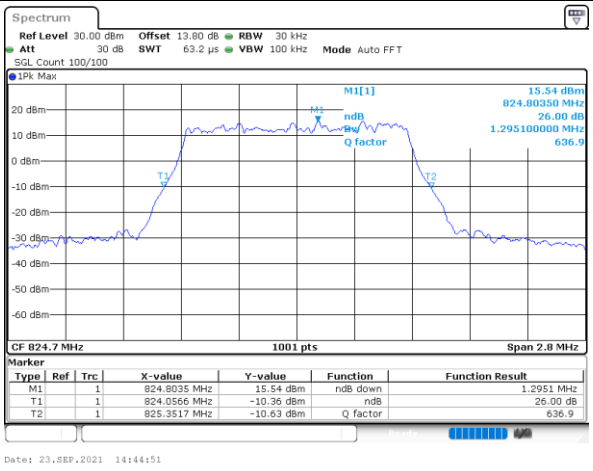


Highest Channel / 15MHz / 16QAM

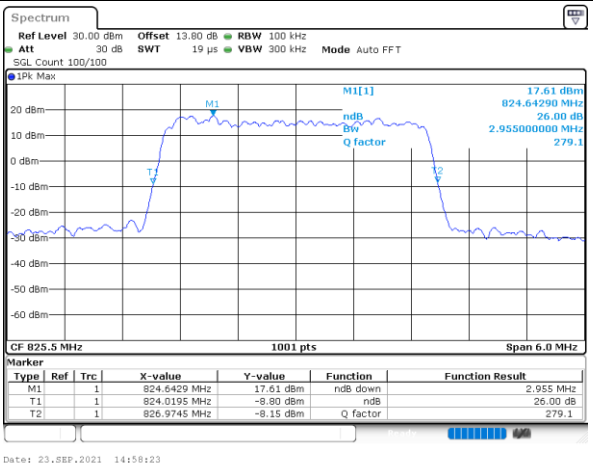


LTE Band 26

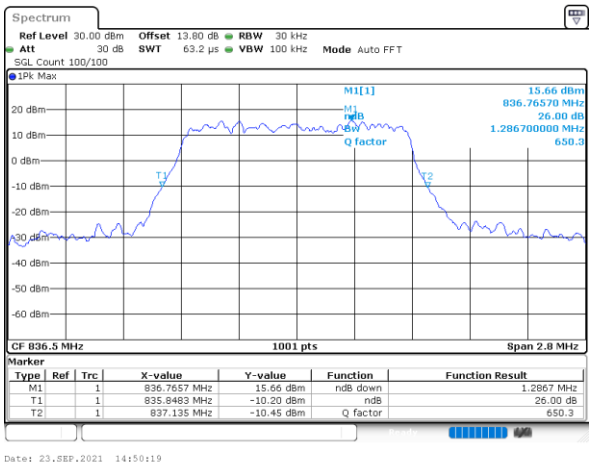
Lowest Channel / 1.4MHz / 64QAM



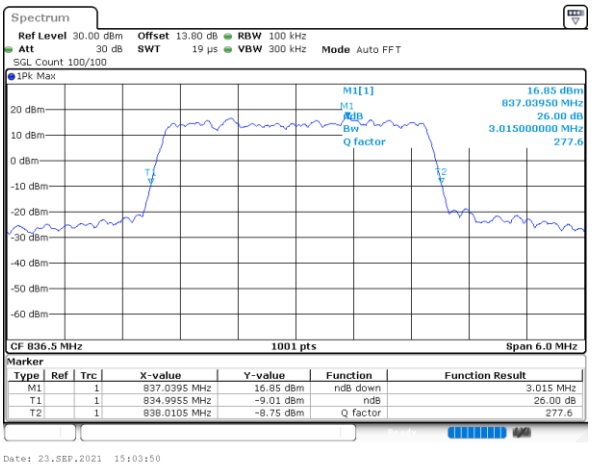
Lowest Channel / 3MHz / 64QAM



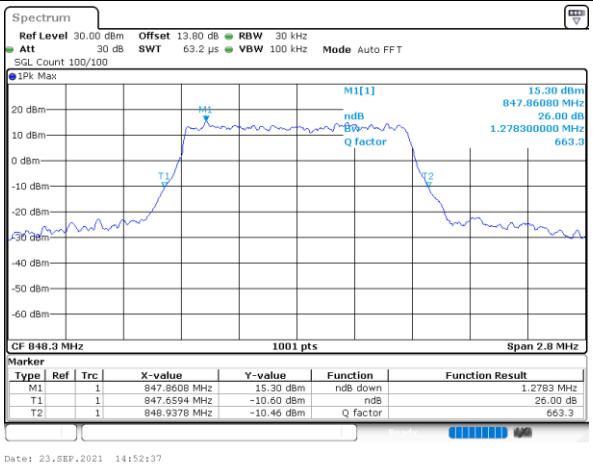
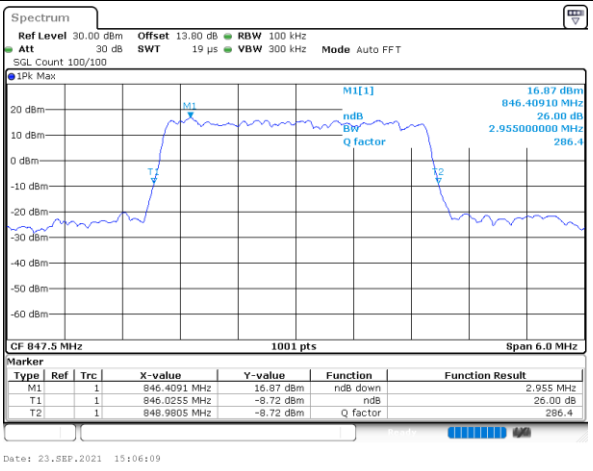
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



Highest Channel / 3MHz / 64QAM