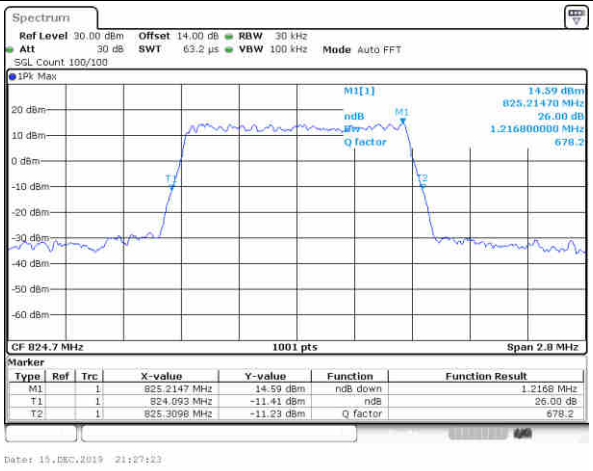
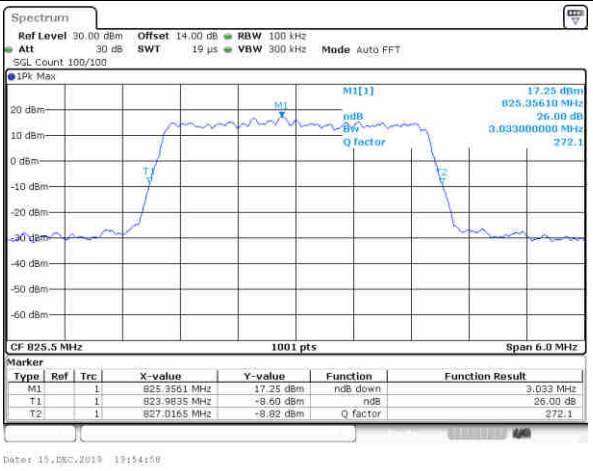
LTE Band 5

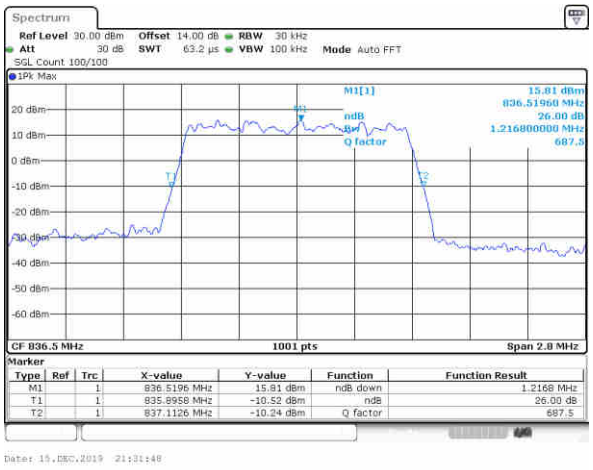
Lowest Channel / 1.4MHz / 64QAM



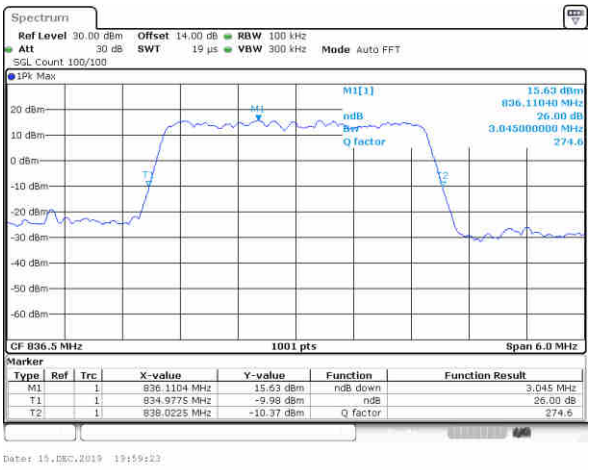
Lowest Channel / 3MHz / 64QAM



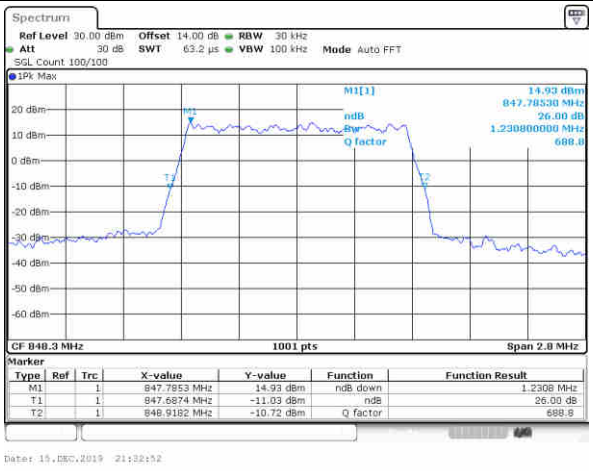
Middle Channel / 1.4MHz / 64QAM



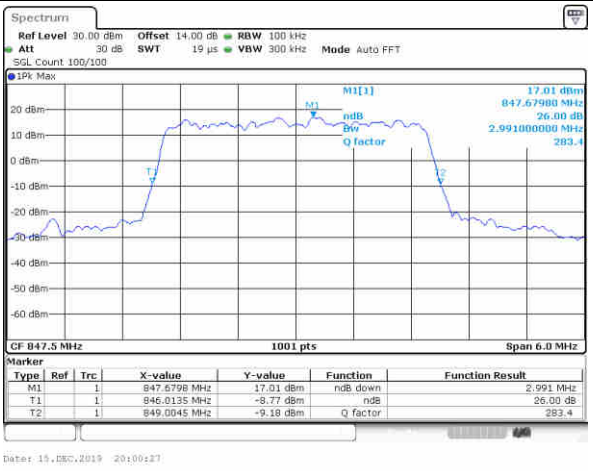
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

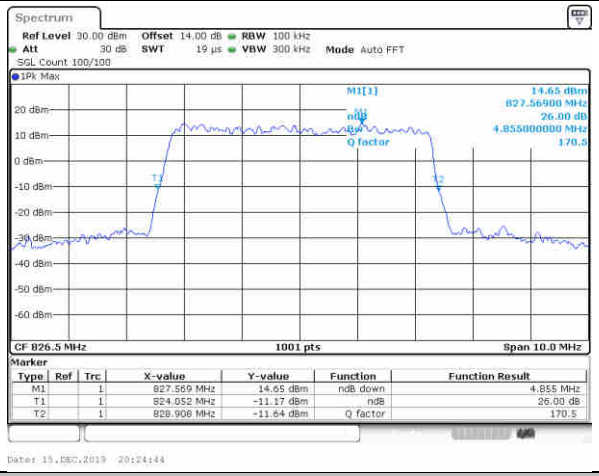


Highest Channel / 3MHz / 64QAM

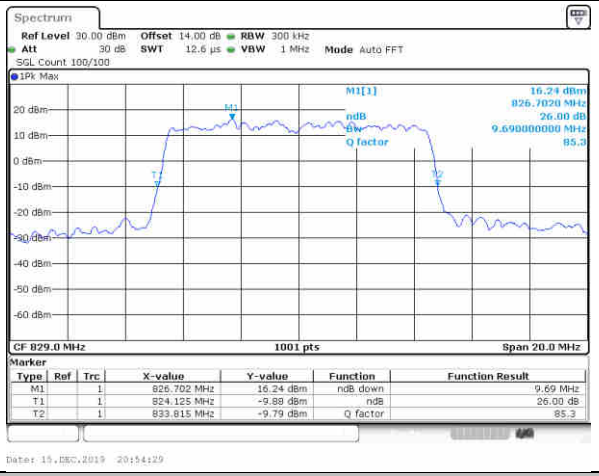


LTE Band 5

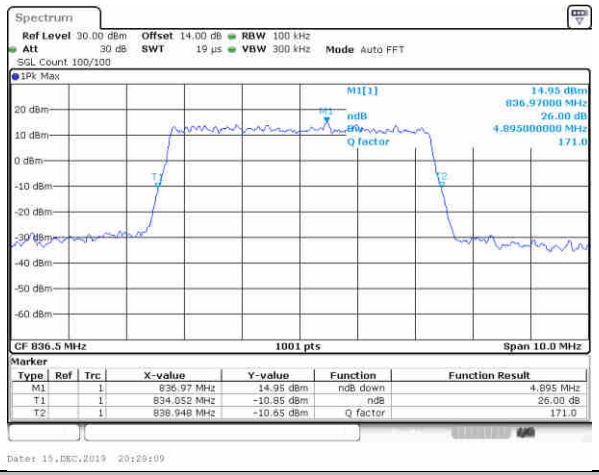
Lowest Channel / 5MHz / 64QAM



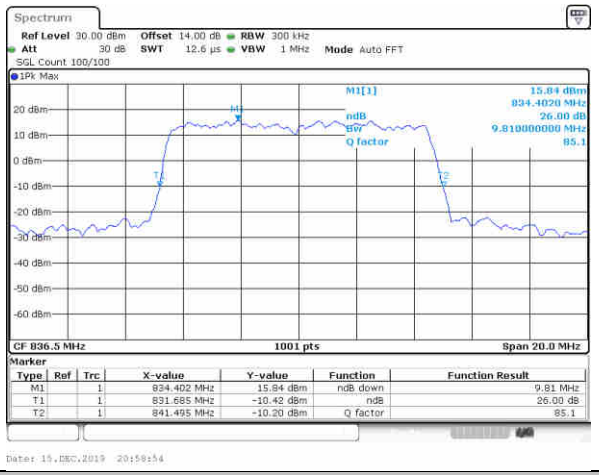
Lowest Channel / 10MHz / 64QAM



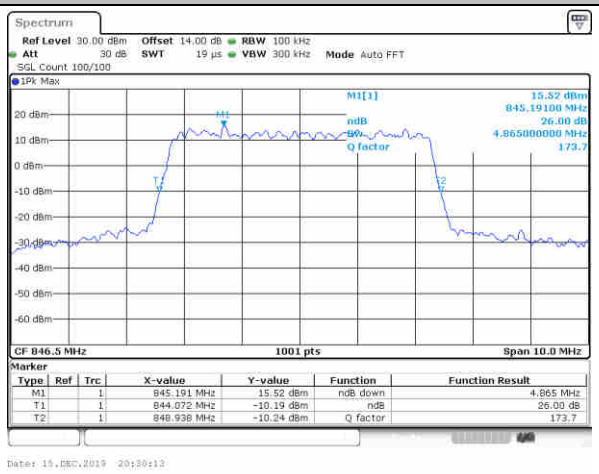
Middle Channel / 5MHz / 64QAM



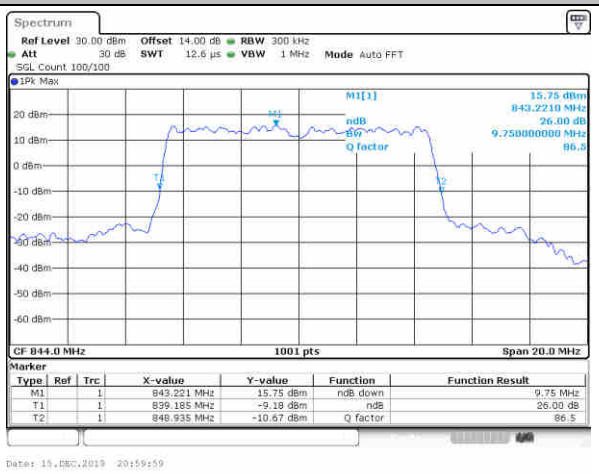
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

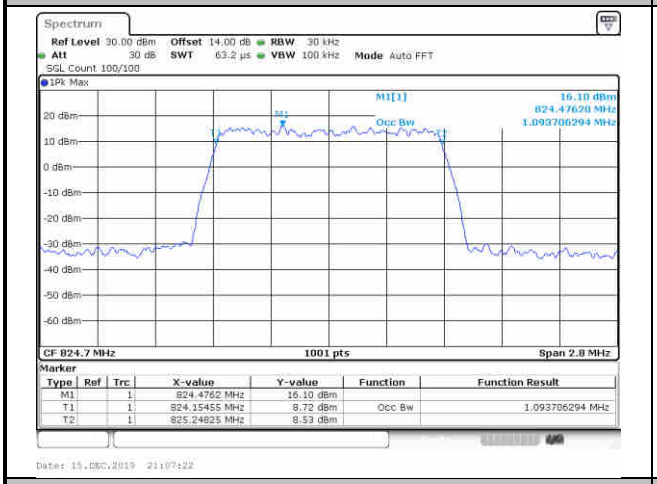


Occupied Bandwidth

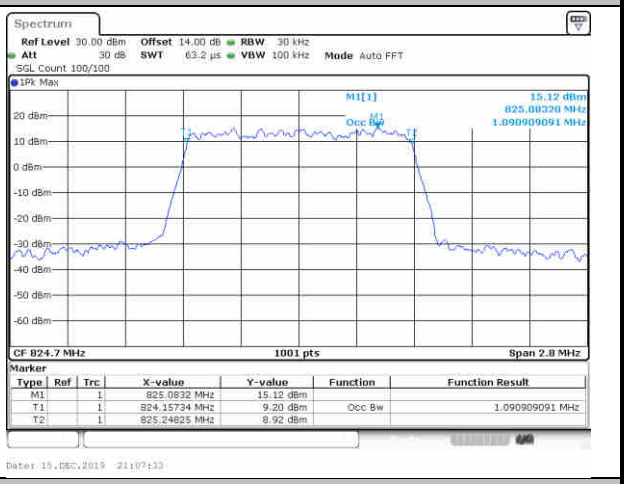
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.49	4.48	9.01	9.05	-	-	-	-
Middle CH	1.09	1.09	2.73	2.74	4.50	4.49	8.99	8.97	-	-	-	-
Highest CH	1.08	1.09	2.70	2.71	4.50	4.50	9.05	8.99	-	-	-	-
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.08	-	2.72	-	4.49	-	9.05	-	-	-	-	-
Middle CH	1.09	-	2.74	-	4.50	-	8.95	-	-	-	-	-
Highest CH	1.09	-	2.71	-	4.49	-	9.05	-	-	-	-	-

LTE Band 5

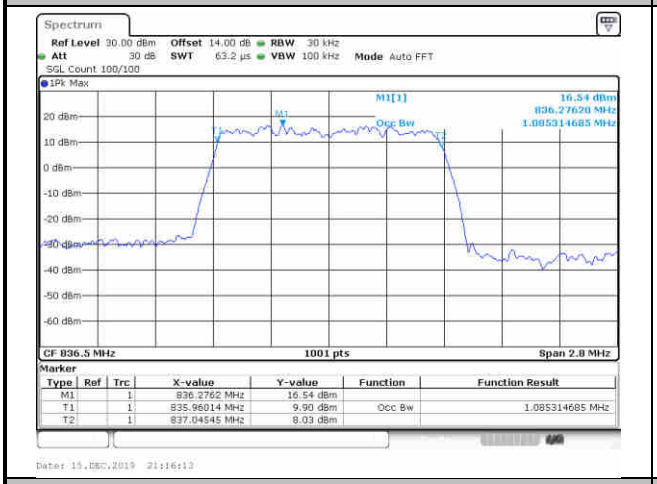
Lowest Channel / 1.4MHz / QPSK



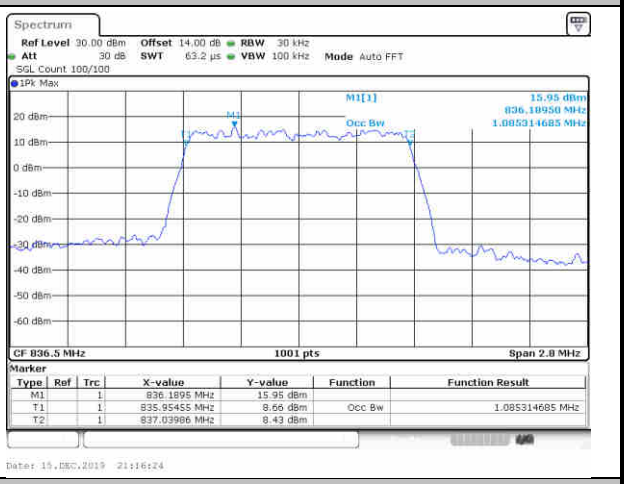
Lowest Channel / 1.4MHz / 16QAM



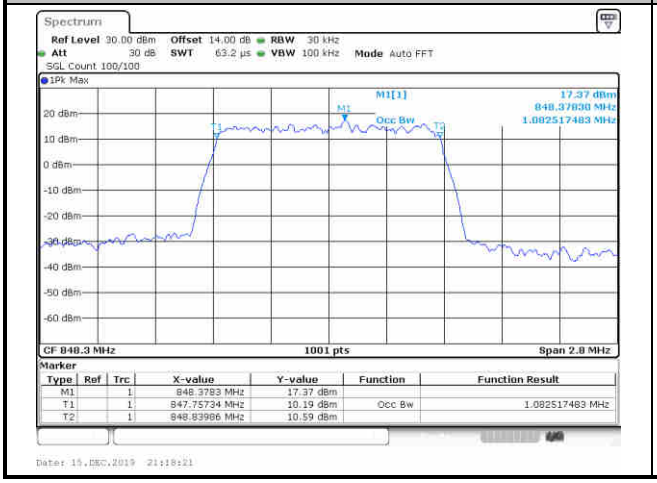
Middle Channel / 1.4MHz / QPSK



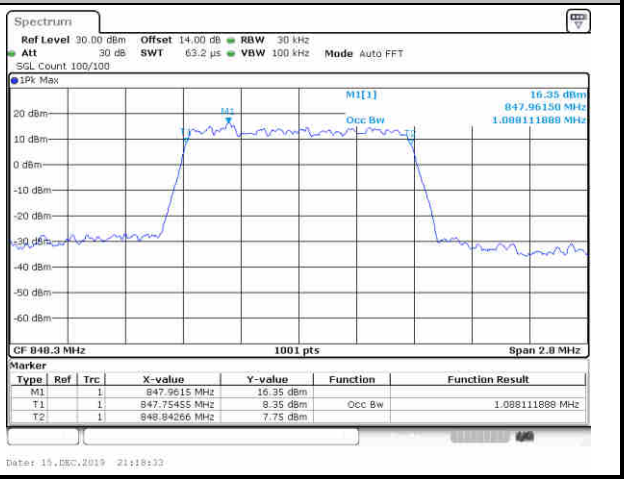
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

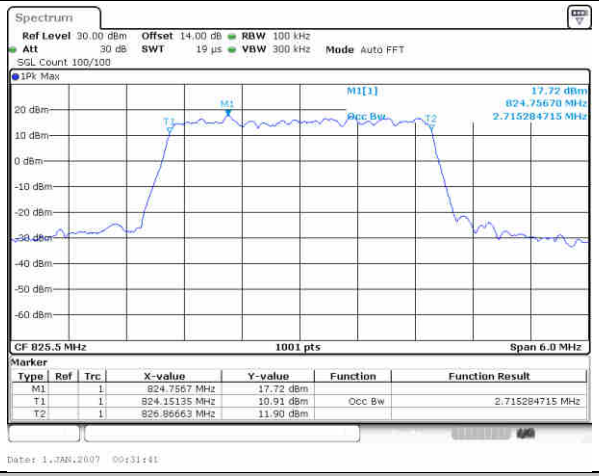


Highest Channel / 1.4MHz / 16QAM

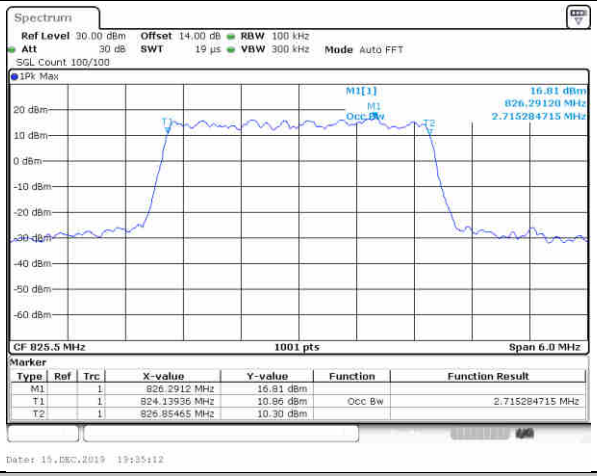


LTE Band 5

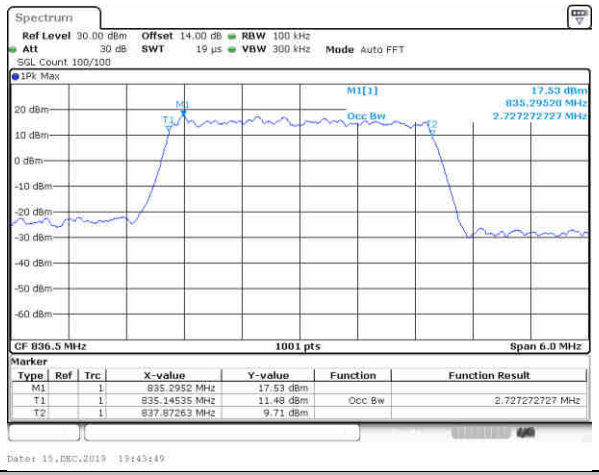
Lowest Channel / 3MHz / QPSK



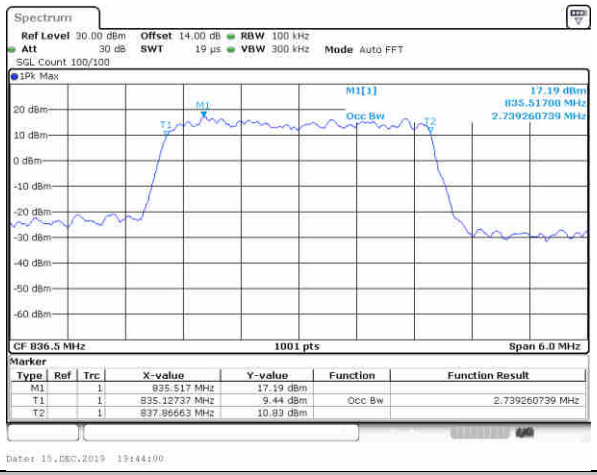
Lowest Channel / 3MHz / 16QAM



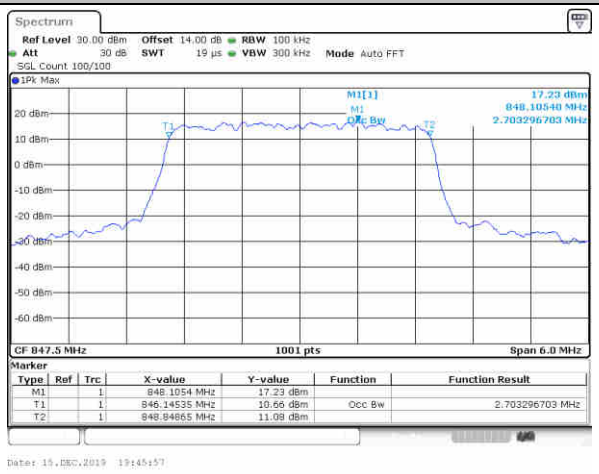
Middle Channel / 3MHz / QPSK



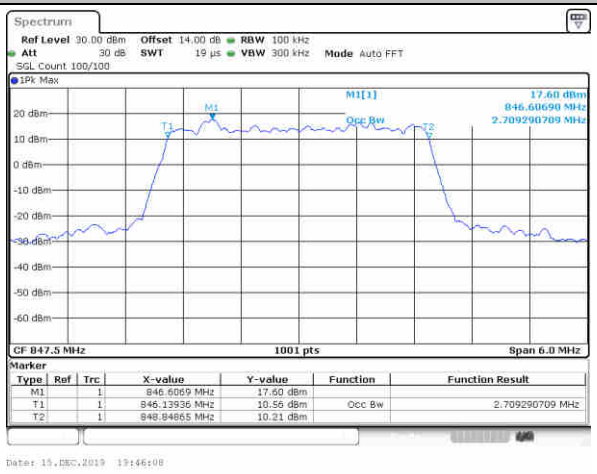
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

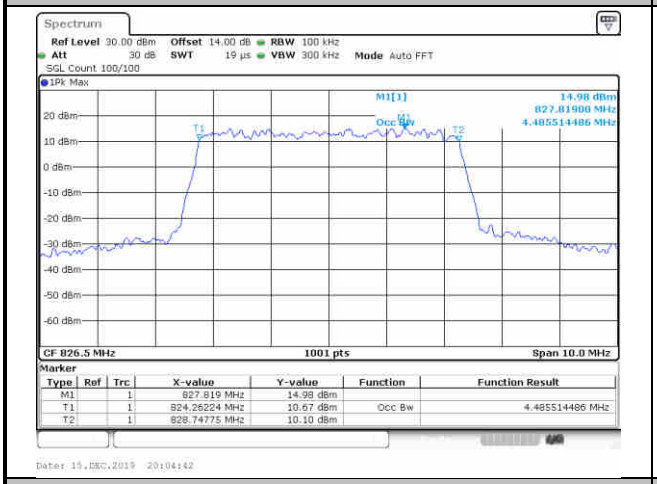


Highest Channel / 3MHz / 16QAM

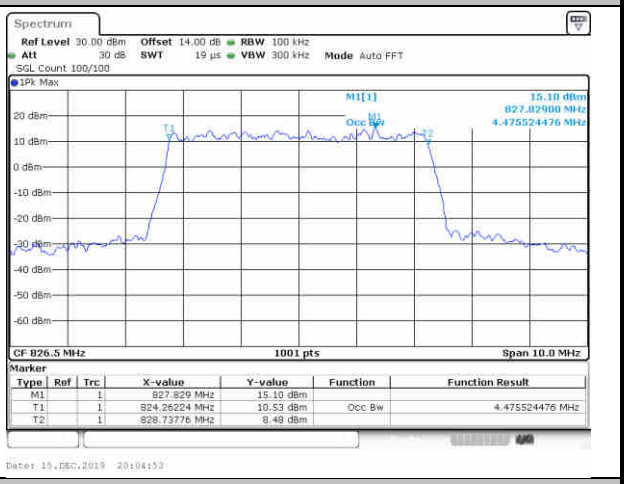


LTE Band 5

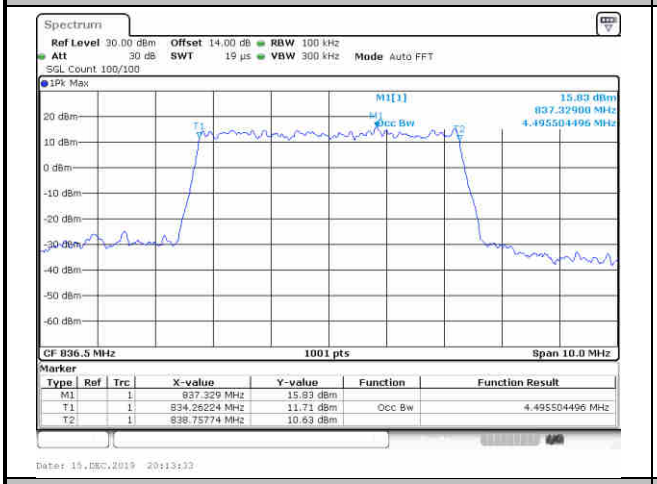
Lowest Channel / 5MHz / QPSK



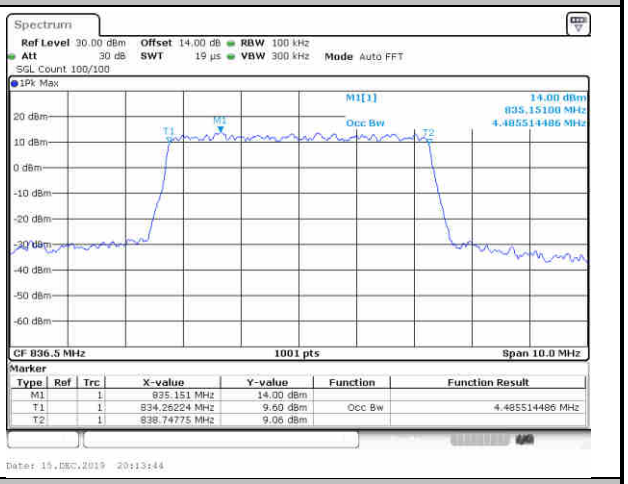
Lowest Channel / 5MHz / 16QAM



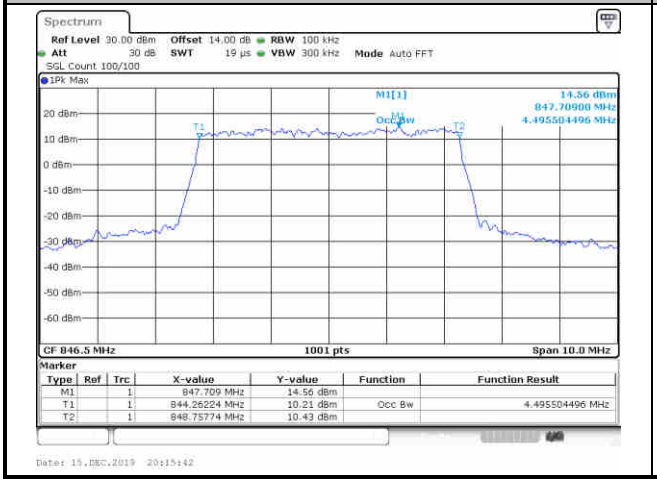
Middle Channel / 5MHz / QPSK



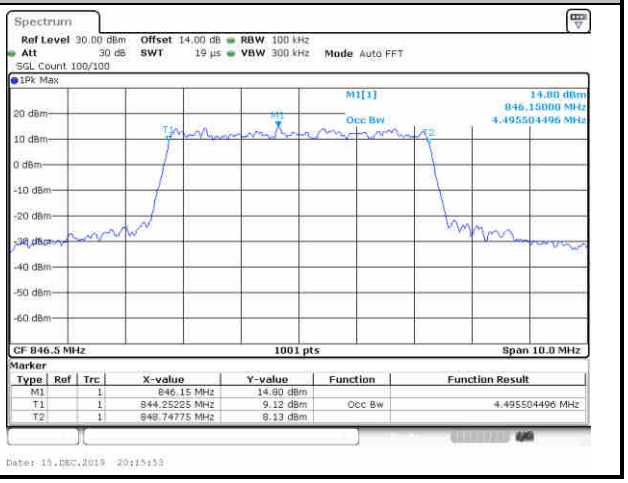
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

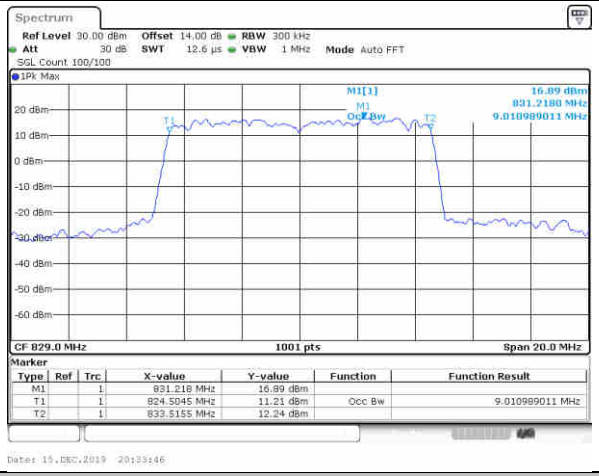


Highest Channel / 5MHz / 16QAM

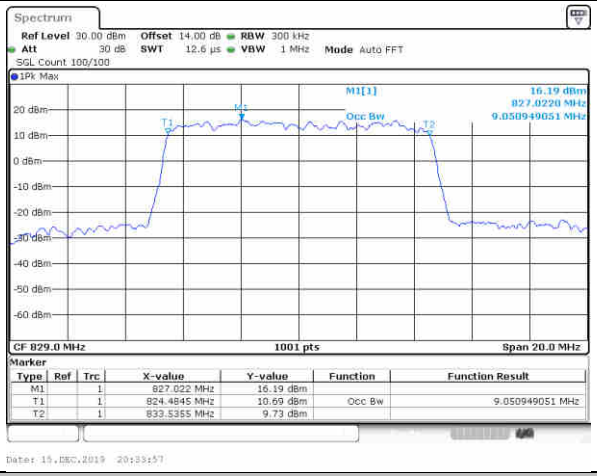


LTE Band 5

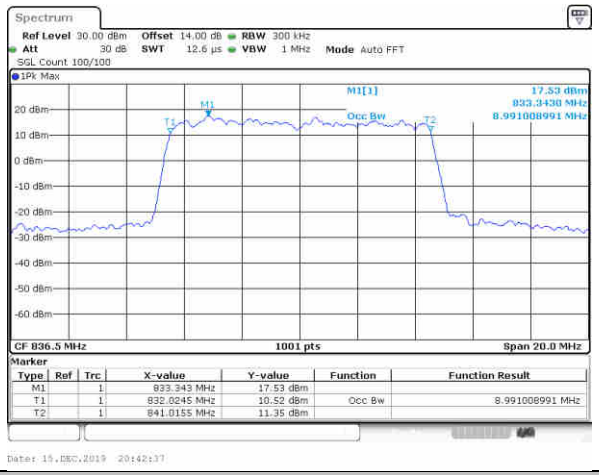
Lowest Channel / 10MHz / QPSK



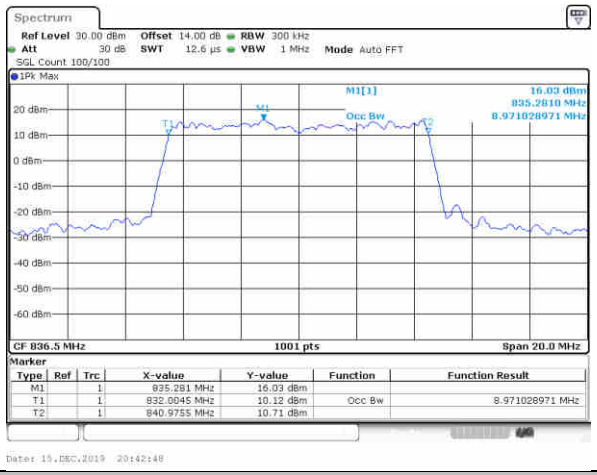
Lowest Channel / 10MHz / 16QAM



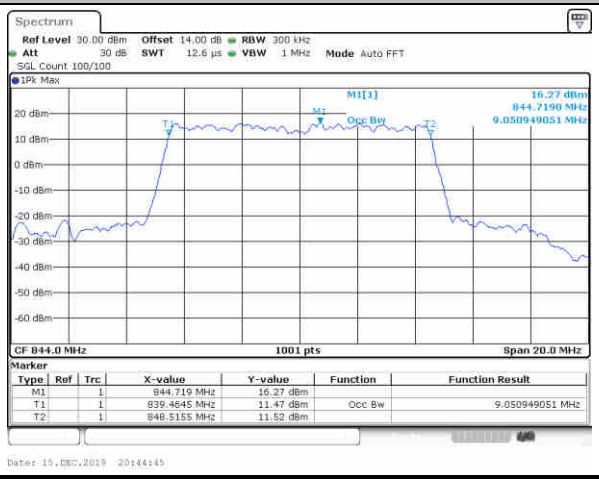
Middle Channel / 10MHz / QPSK



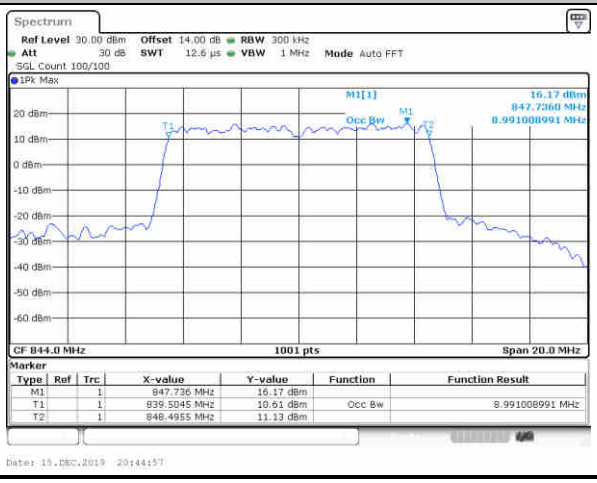
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

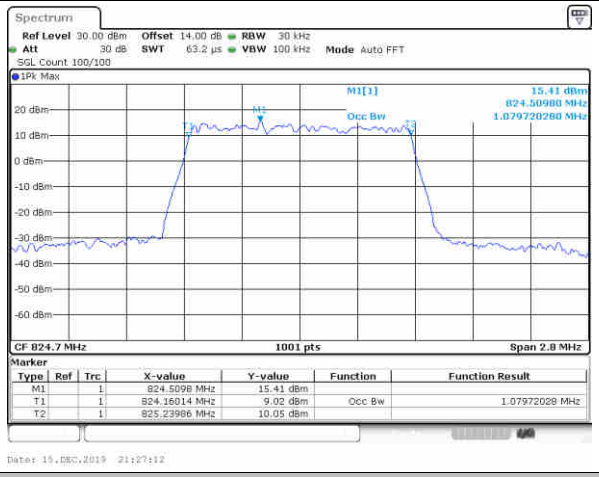


Highest Channel / 10MHz / 16QAM

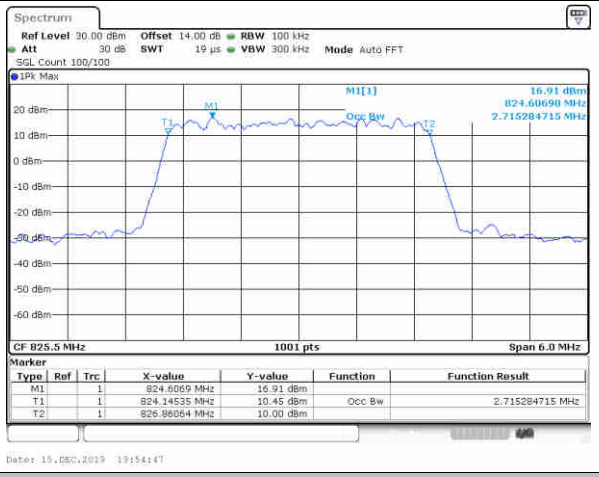


LTE Band 5

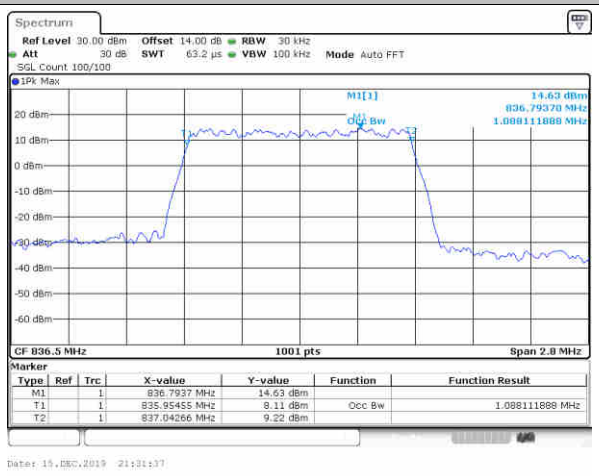
Lowest Channel / 1.4MHz / 64QAM



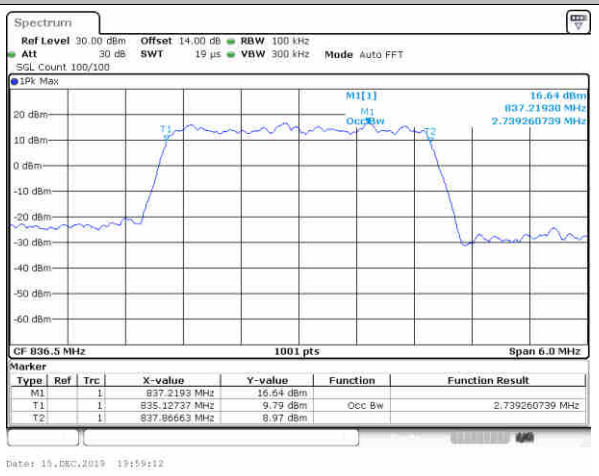
Lowest Channel / 3MHz / 64QAM



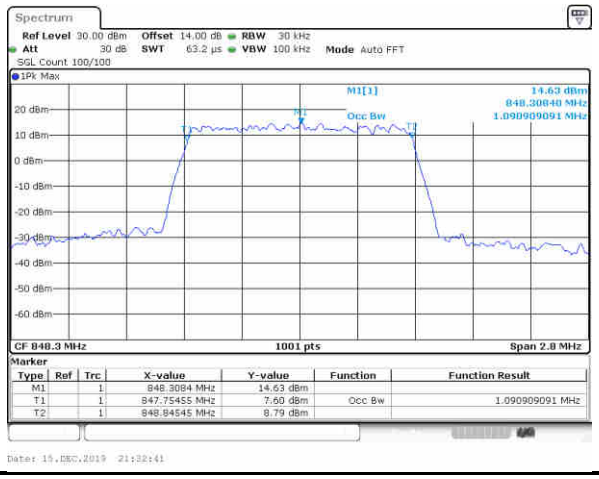
Middle Channel / 1.4MHz / 64QAM



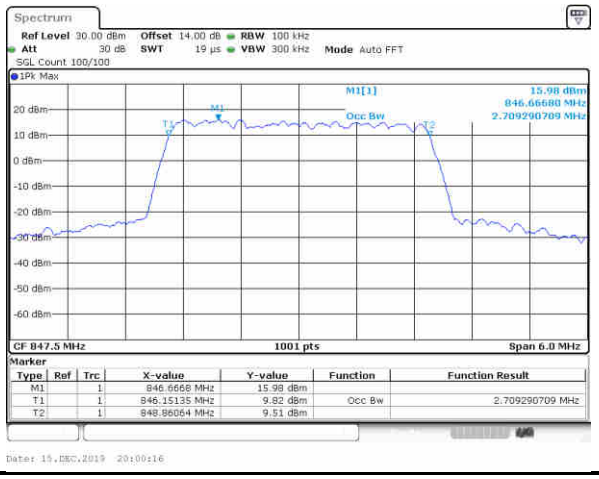
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

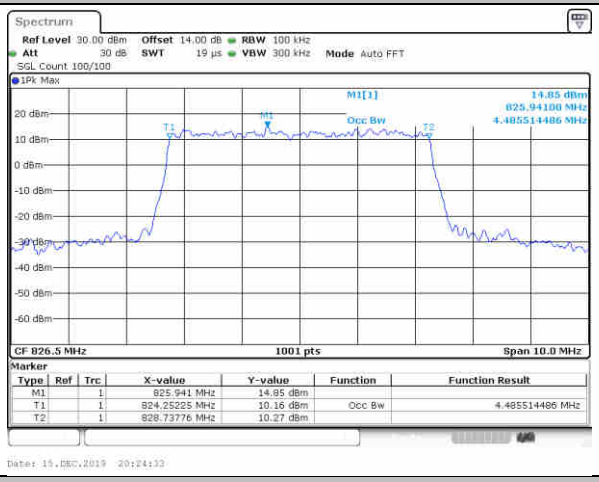


Highest Channel / 3MHz / 64QAM

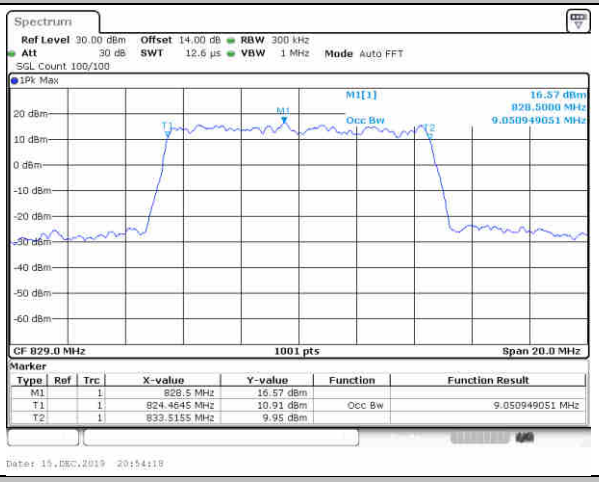


LTE Band 5

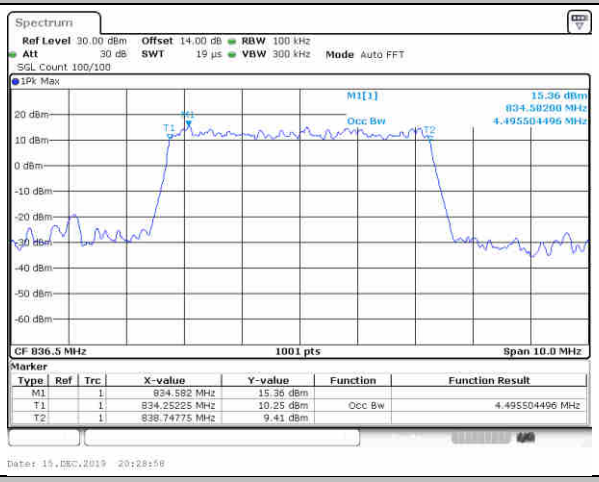
Lowest Channel / 5MHz / 64QAM



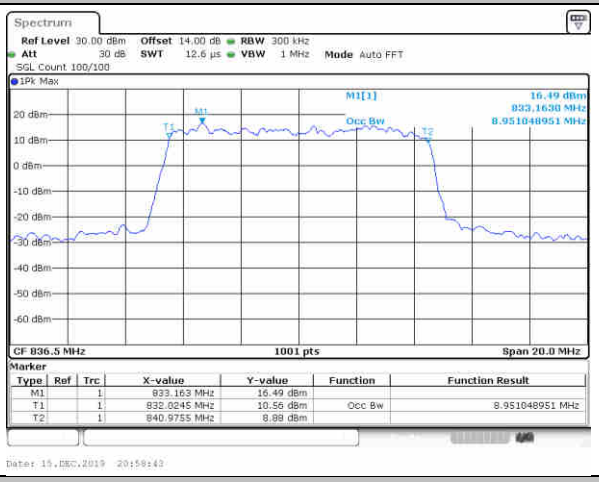
Lowest Channel / 10MHz / 64QAM



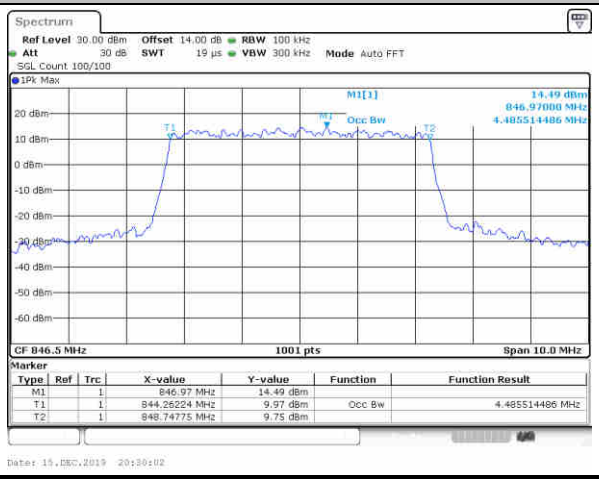
Middle Channel / 5MHz / 64QAM



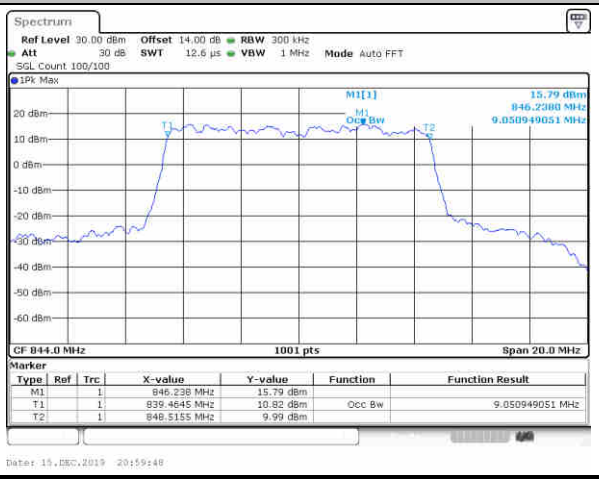
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



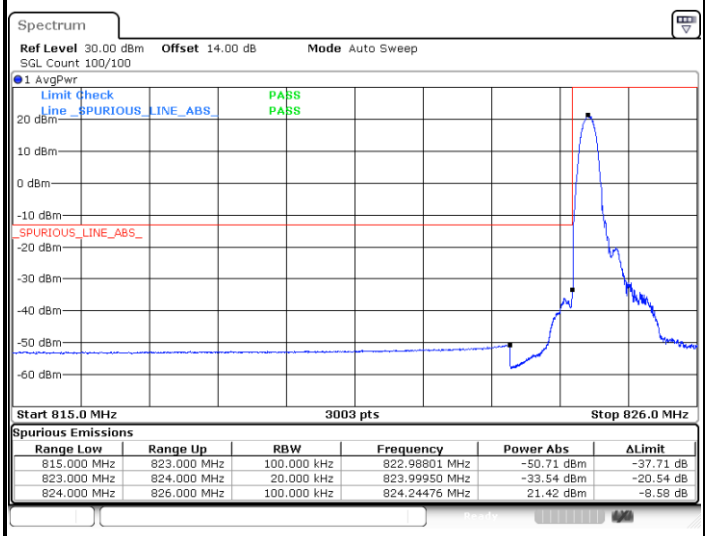
Highest Channel / 10MHz / 64QAM



Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

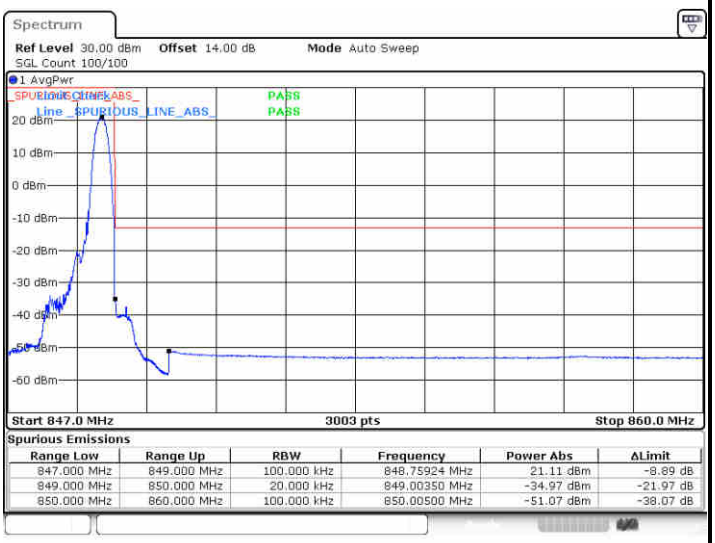


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-50.71 dBm	-37.71 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-33.54 dBm	-20.54 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24476 MHz	21.42 dBm	-8.58 dB

Date: 15.DEC.2019 21:09:35

Highest Band Edge / 1RB

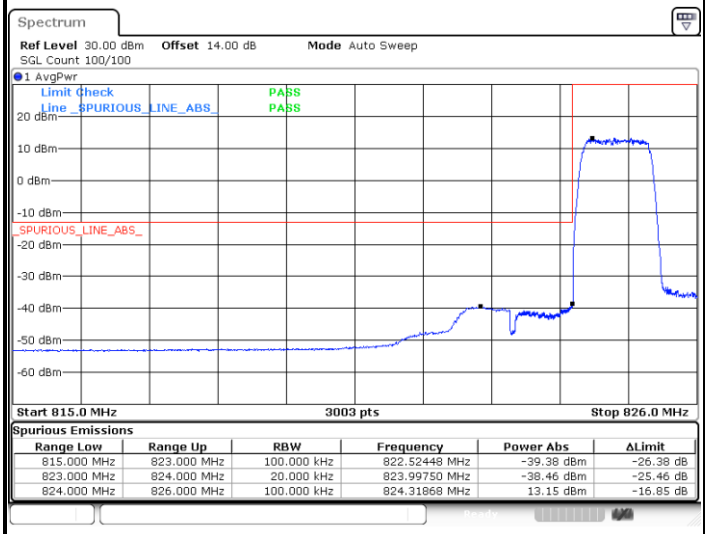


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.75924 MHz	21.11 dBm	-8.89 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00350 MHz	-34.97 dBm	-21.97 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-51.07 dBm	-38.07 dB

Date: 15.DEC.2019 21:23:56

Lowest Band Edge / Full RB

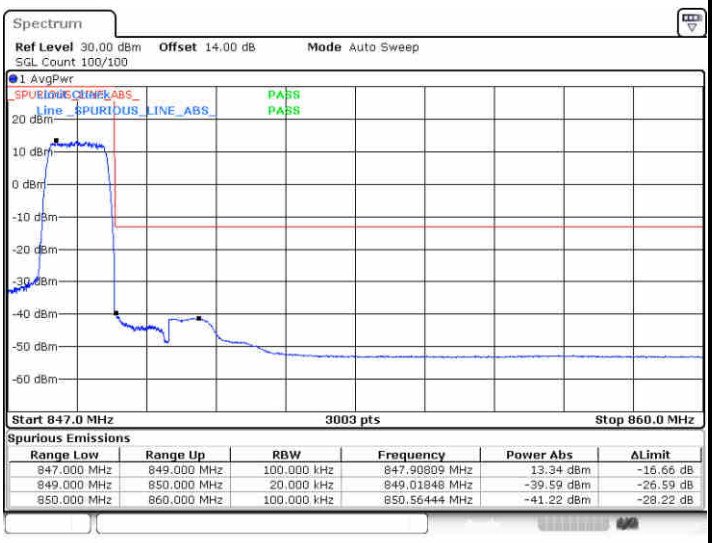


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.52448 MHz	-39.38 dBm	-26.38 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99750 MHz	-38.46 dBm	-25.46 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.31868 MHz	13.15 dBm	-16.85 dB

Date: 15.DEC.2019 21:12:57

Highest Band Edge / Full RB



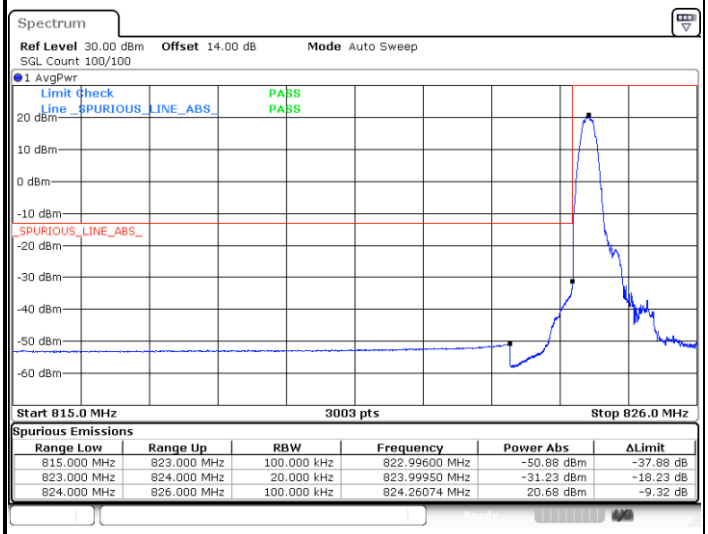
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.90809 MHz	13.34 dBm	-16.66 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.01848 MHz	-39.59 dBm	-26.59 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.56444 MHz	-41.22 dBm	-28.22 dB

Date: 15.DEC.2019 21:20:35

LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

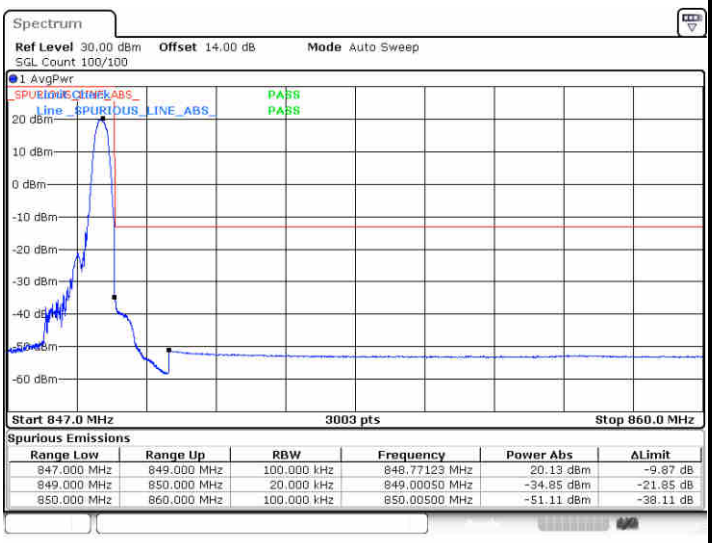


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-50.88 dBm	-37.88 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-31.23 dBm	-18.23 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.26074 MHz	20.68 dBm	-9.32 dB

Date: 15.DEC.2019 21:11:16

Highest Band Edge / 1 RB

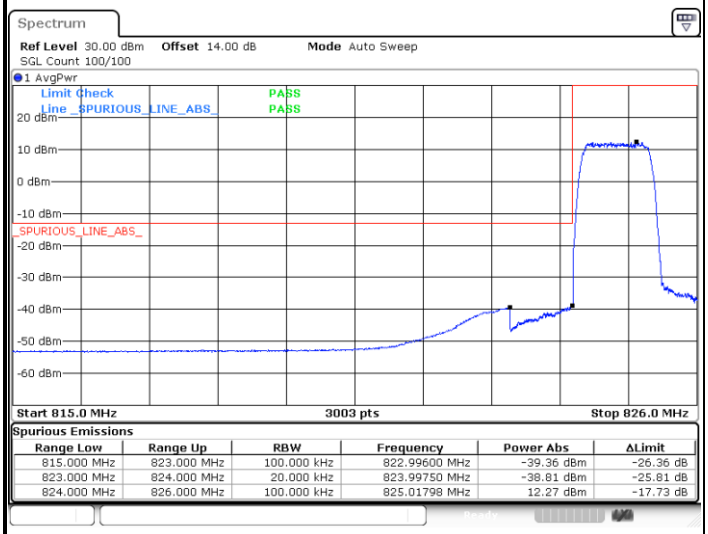


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.77123 MHz	20.13 dBm	-9.87 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-34.85 dBm	-21.85 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-51.11 dBm	-38.11 dB

Date: 15.DEC.2019 21:25:36

Lowest Band Edge / Full RB

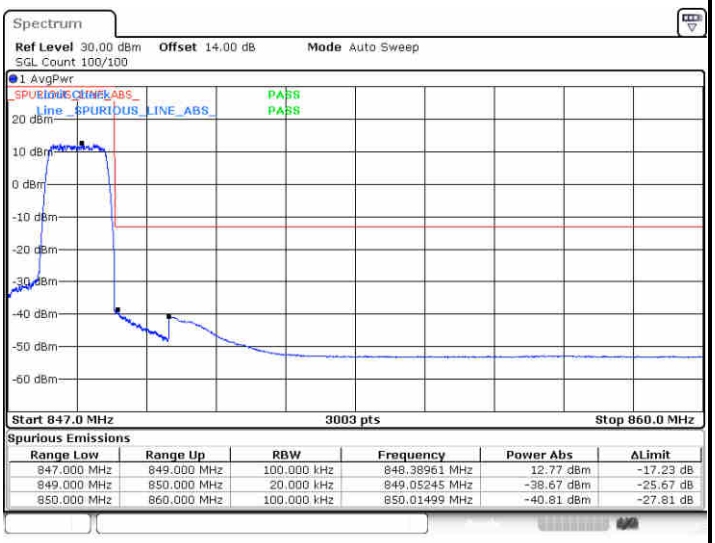


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-39.36 dBm	-26.36 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99750 MHz	-38.81 dBm	-25.81 dB
824.000 MHz	826.000 MHz	100.000 kHz	825.01798 MHz	12.27 dBm	-17.73 dB

Date: 15.DEC.2019 21:14:37

Highest Band Edge / Full RB



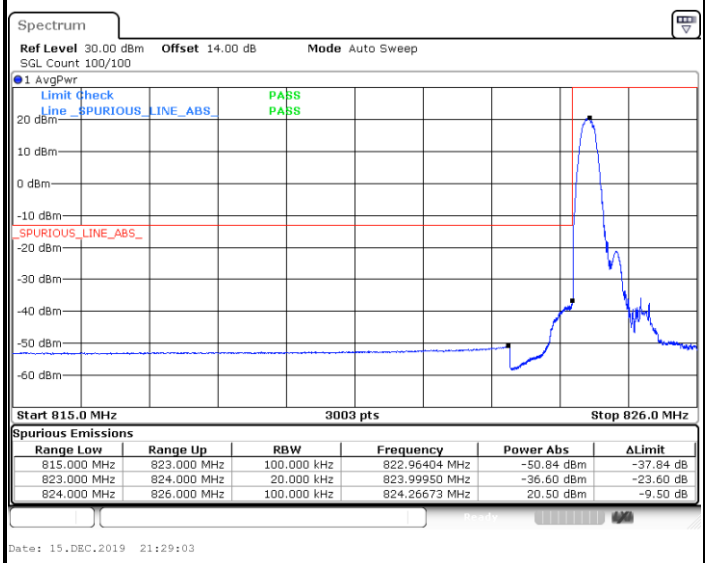
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.38961 MHz	12.77 dBm	-17.23 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.05245 MHz	-38.67 dBm	-25.67 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-40.81 dBm	-27.81 dB

Date: 15.DEC.2019 21:22:15

LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

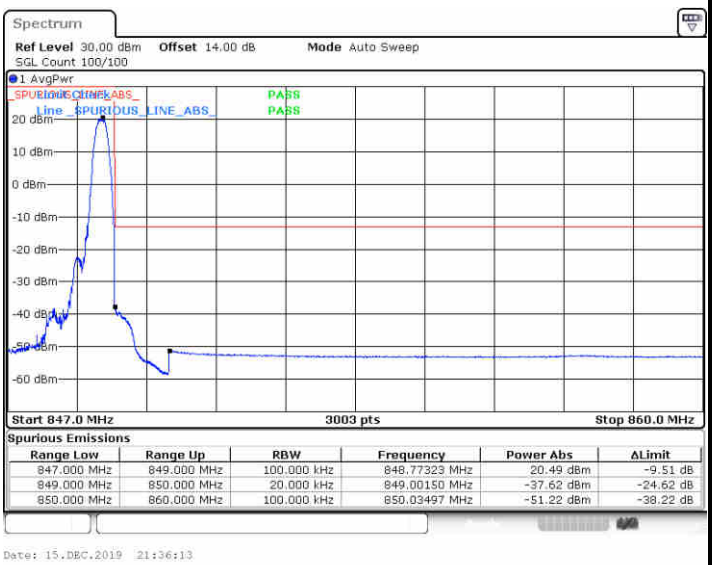


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-50.84 dBm	-37.84 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-36.60 dBm	-23.60 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.26673 MHz	20.50 dBm	-9.50 dB

Date: 15.DEC.2019 21:29:03

Highest Band Edge / 1 RB

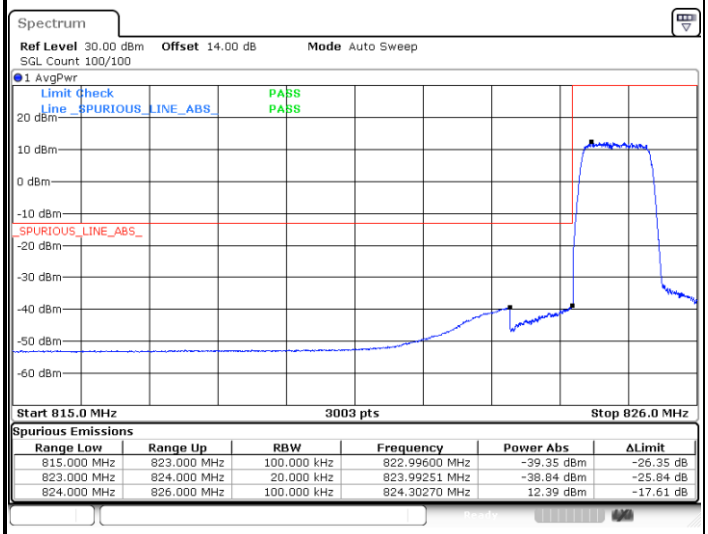


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.77323 MHz	20.49 dBm	-9.51 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00150 MHz	-37.62 dBm	-24.62 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-51.22 dBm	-38.22 dB

Date: 15.DEC.2019 21:36:13

Lowest Band Edge / Full RB

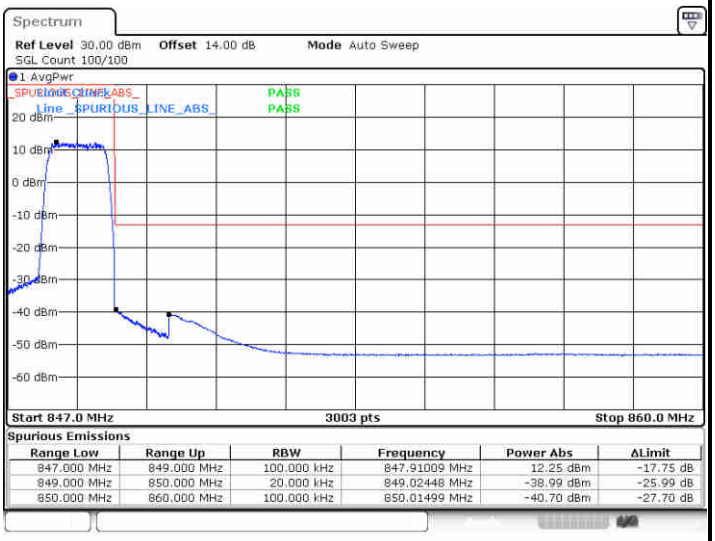


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-39.35 dBm	-26.35 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99251 MHz	-38.84 dBm	-25.84 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.30270 MHz	12.39 dBm	-17.61 dB

Date: 15.DEC.2019 21:30:43

Highest Band Edge / Full RB



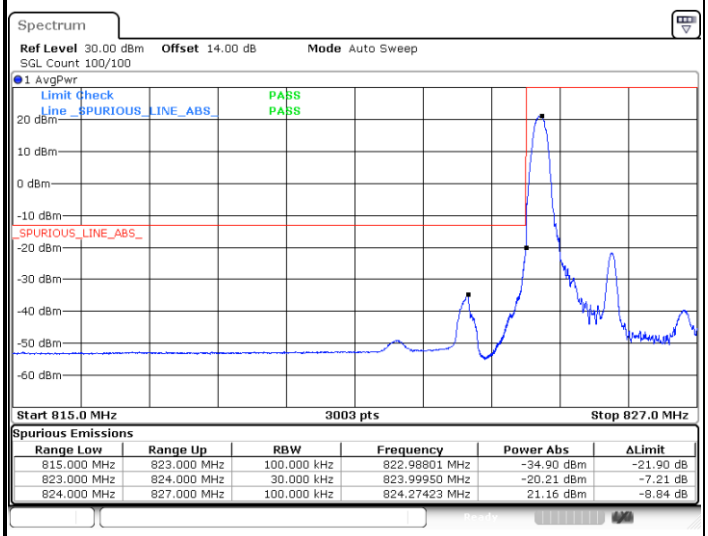
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	847.91009 MHz	12.25 dBm	-17.75 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.02448 MHz	-38.99 dBm	-25.99 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-40.70 dBm	-27.70 dB

Date: 15.DEC.2019 21:34:32

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

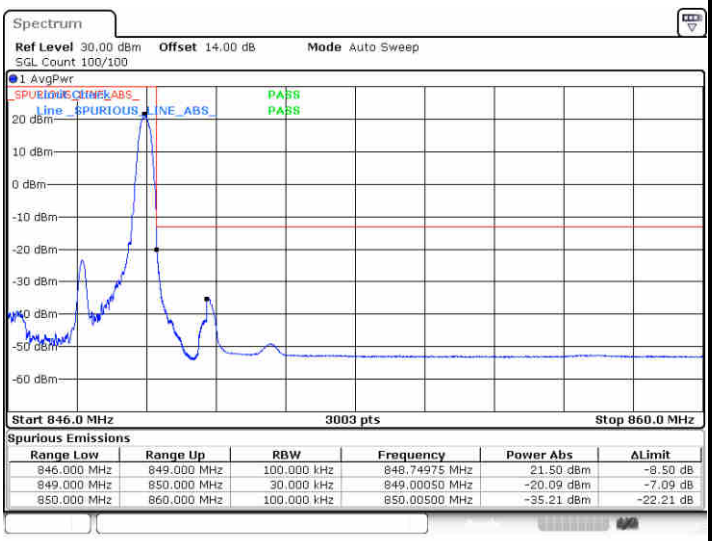


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-34.90 dBm	-21.90 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-20.21 dBm	-7.21 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.27423 MHz	21.16 dBm	-8.84 dB

Date: 15.DEC.2019 19:37:14

Highest Band Edge / 1 RB

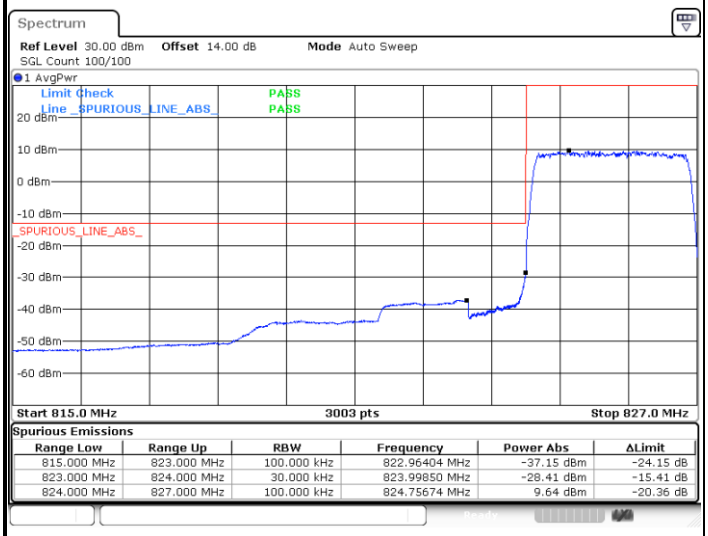


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.74975 MHz	21.50 dBm	-8.50 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-20.09 dBm	-7.09 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-35.21 dBm	-22.21 dB

Date: 15.DEC.2019 19:48:10

Lowest Band Edge / Full RB

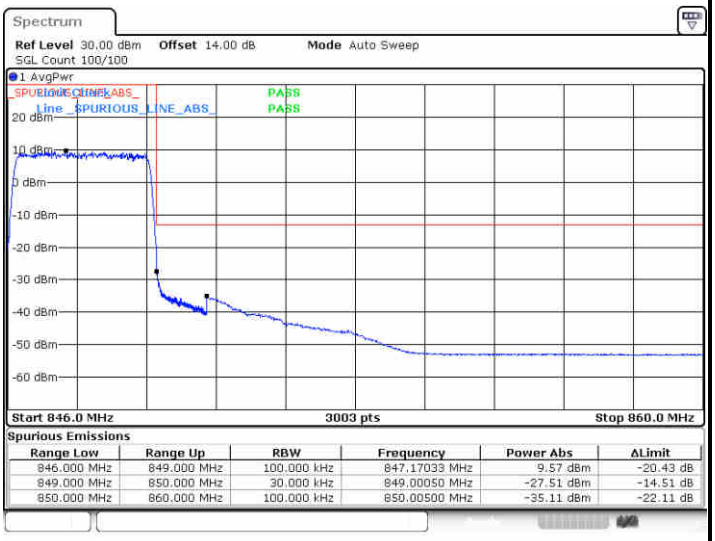


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-37.15 dBm	-24.15 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-28.41 dBm	-15.41 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.75674 MHz	9.64 dBm	-20.36 dB

Date: 15.DEC.2019 19:40:35

Highest Band Edge / Full RB



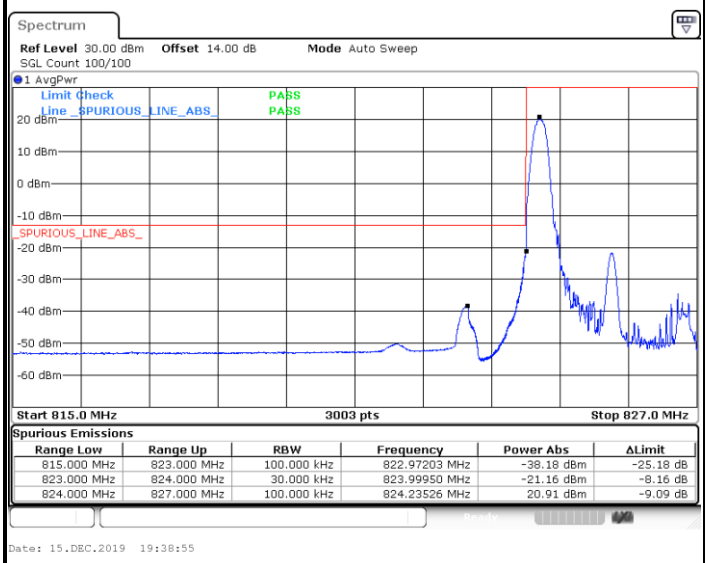
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.17033 MHz	9.57 dBm	-20.43 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-27.51 dBm	-14.51 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-35.11 dBm	-22.11 dB

Date: 15.DEC.2019 19:51:32

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

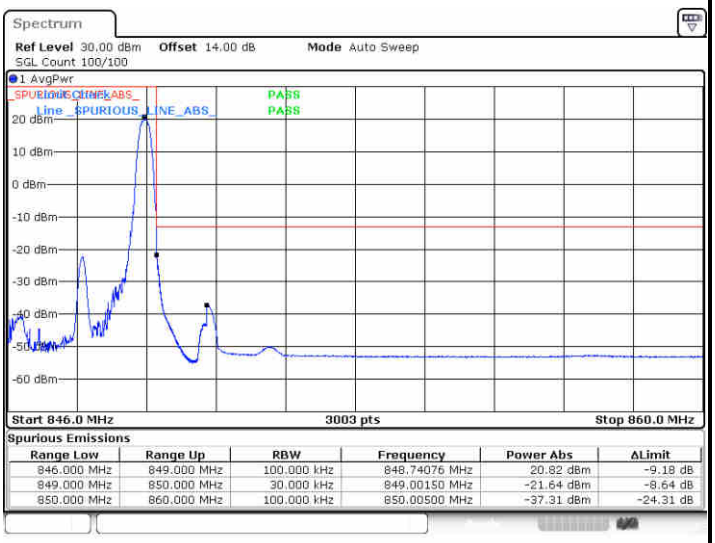


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-38.18 dBm	-25.18 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-21.16 dBm	-8.16 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.23526 MHz	20.91 dBm	-9.09 dB

Date: 15.DEC.2019 19:38:55

Highest Band Edge /1 RB

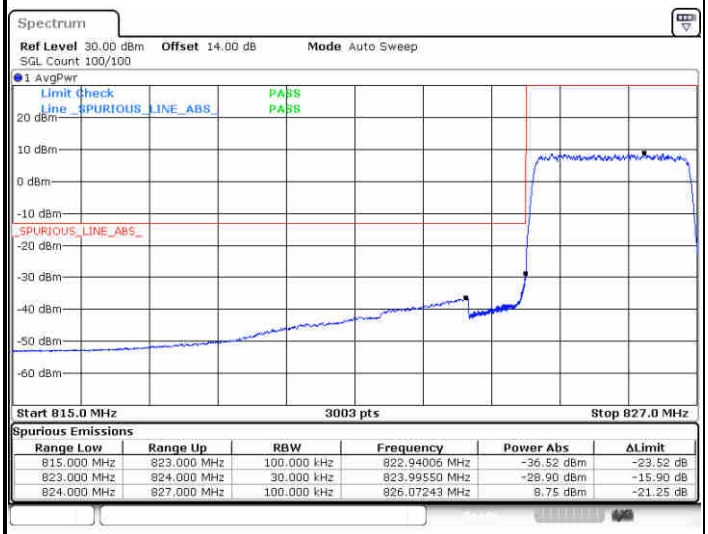


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.74076 MHz	20.82 dBm	-9.18 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-21.64 dBm	-8.64 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-37.31 dBm	-24.31 dB

Date: 15.DEC.2019 19:49:51

Lowest Band Edge / Full RB

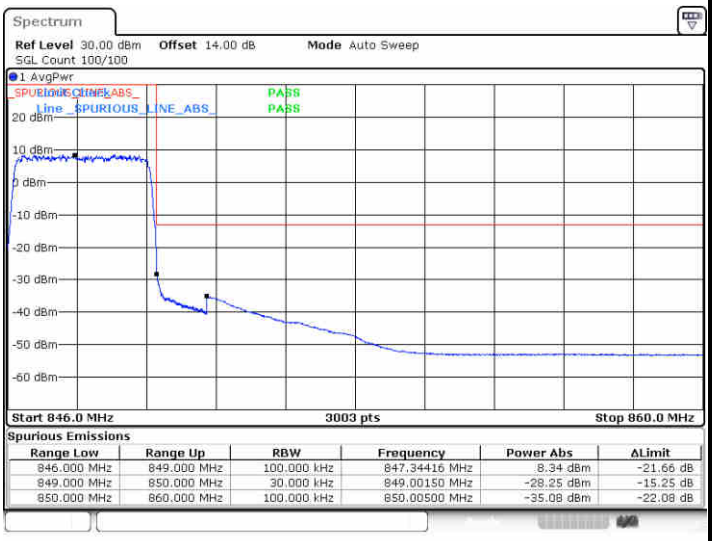


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94006 MHz	-36.52 dBm	-23.52 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99550 MHz	-28.90 dBm	-15.90 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.07243 MHz	8.75 dBm	-21.25 dB

Date: 15.DEC.2019 19:42:16

Highest Band Edge / Full RB



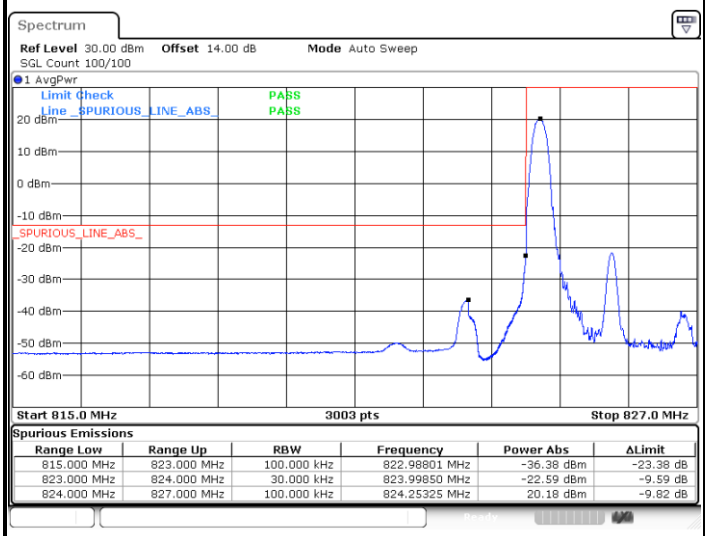
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.34416 MHz	8.34 dBm	-21.66 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-28.25 dBm	-15.25 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-35.08 dBm	-22.08 dB

Date: 15.DEC.2019 19:53:12

LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

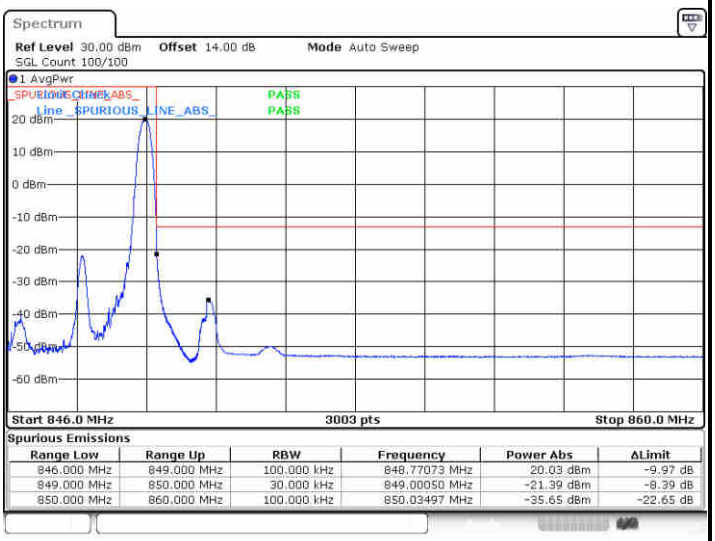


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-36.38 dBm	-23.38 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99850 MHz	-22.59 dBm	-9.59 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.25325 MHz	20.18 dBm	-9.82 dB

Date: 15.DEC.2019 19:56:38

Highest Band Edge /1 RB

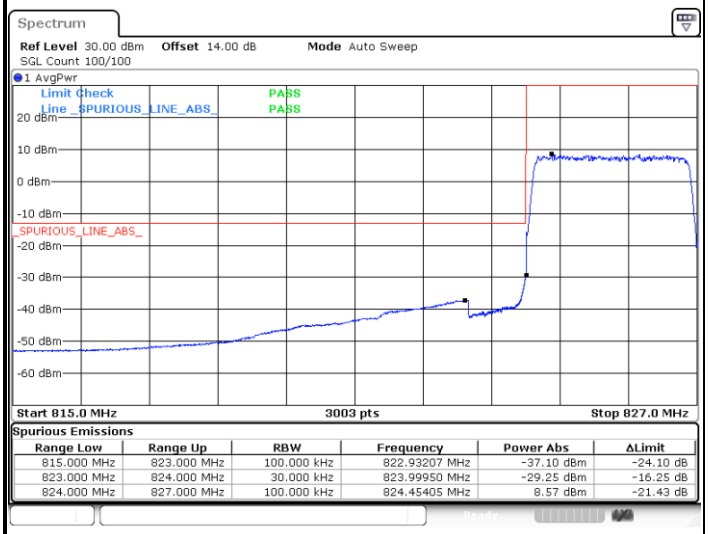


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.77073 MHz	20.03 dBm	-9.97 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-21.39 dBm	-8.39 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-35.65 dBm	-22.65 dB

Date: 15.DEC.2019 20:02:07

Lowest Band Edge / Full RB

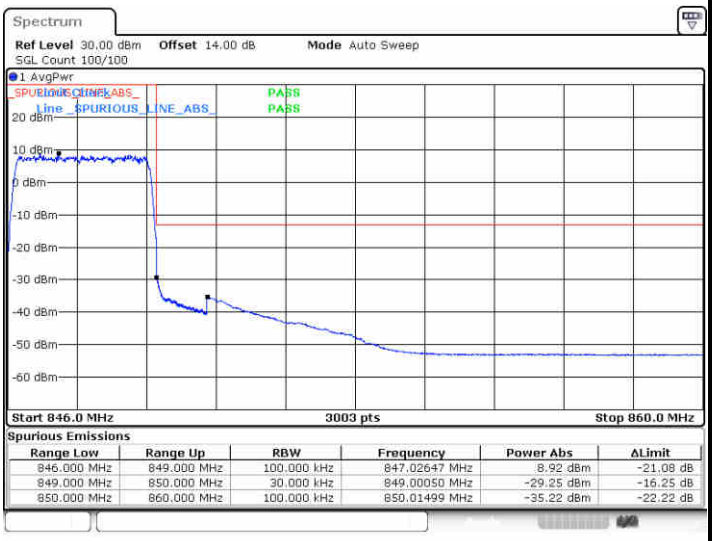


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.93207 MHz	-37.10 dBm	-24.10 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-29.25 dBm	-16.25 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.45405 MHz	8.57 dBm	-21.43 dB

Date: 15.DEC.2019 19:58:19

Highest Band Edge / Full RB



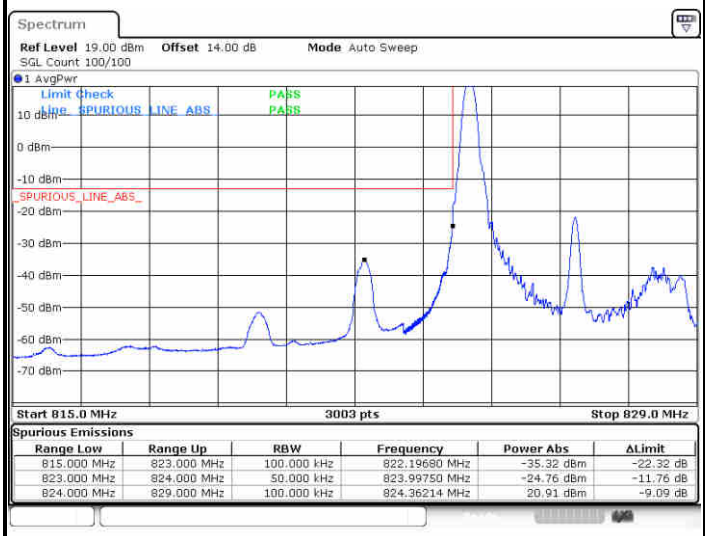
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	847.02647 MHz	8.92 dBm	-21.08 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-29.25 dBm	-16.25 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-35.22 dBm	-22.22 dB

Date: 15.DEC.2019 20:03:48

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

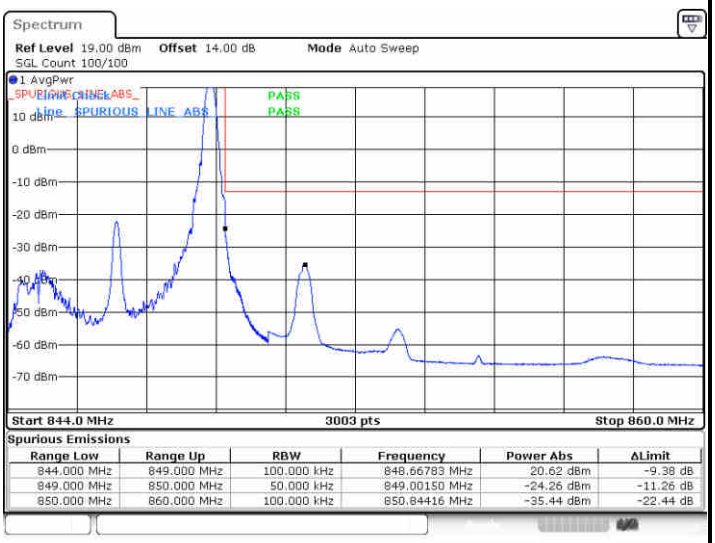


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.19680 MHz	-35.32 dBm	-22.32 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-24.76 dBm	-11.76 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.36214 MHz	20.91 dBm	-9.09 dB

Date: 15.DEC.2019 20:06:55

Highest Band Edge / 1 RB

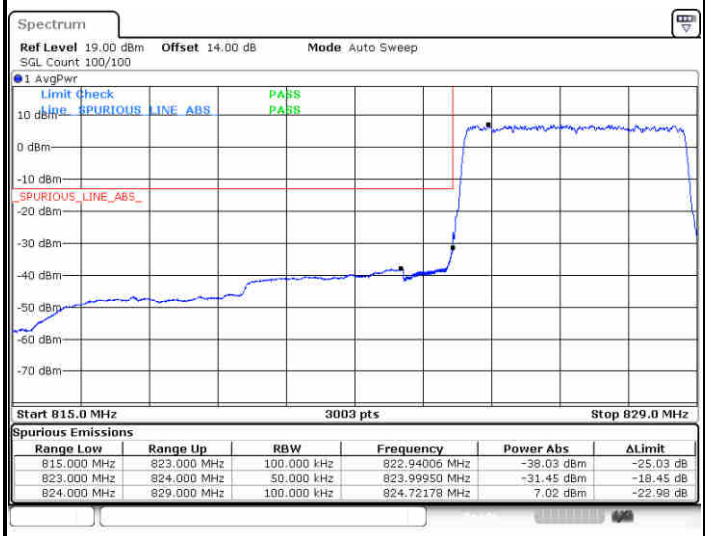


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.66783 MHz	20.62 dBm	-9.38 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00150 MHz	-24.26 dBm	-11.26 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.84416 MHz	-35.44 dBm	-22.44 dB

Date: 15.DEC.2019 20:17:55

Lowest Band Edge / Full RB

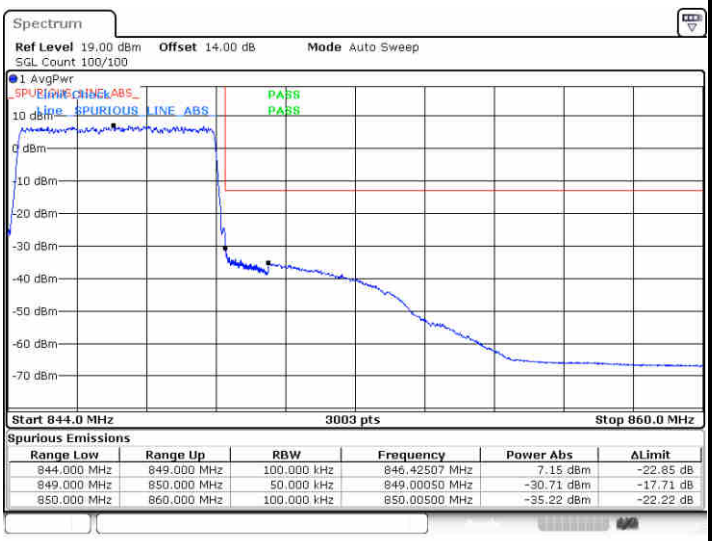


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94006 MHz	-38.03 dBm	-25.03 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-31.45 dBm	-18.45 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.72178 MHz	7.02 dBm	-22.98 dB

Date: 15.DEC.2019 20:10:16

Highest Band Edge / Full RB



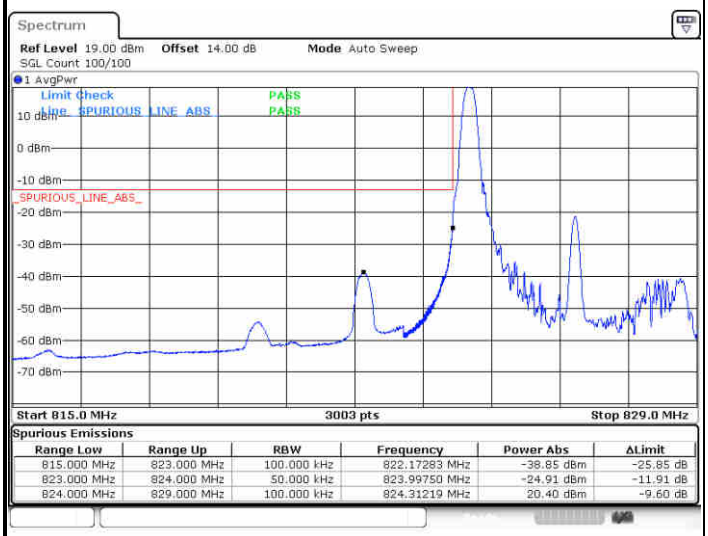
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.42507 MHz	7.15 dBm	-22.85 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-30.71 dBm	-17.71 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-35.22 dBm	-22.22 dB

Date: 15.DEC.2019 20:21:16

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

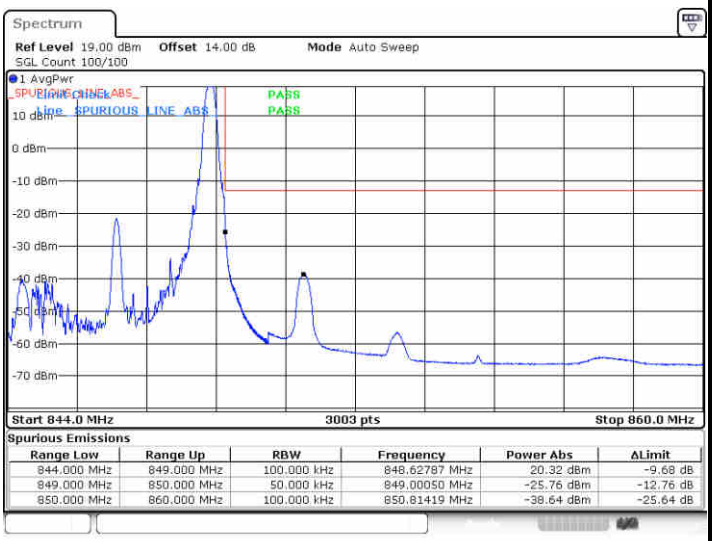


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.17283 MHz	-38.85 dBm	-25.85 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99750 MHz	-24.91 dBm	-11.91 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.31219 MHz	20.40 dBm	-9.60 dB

Date: 15.DEC.2019 20:08:36

Highest Band Edge / 1 RB

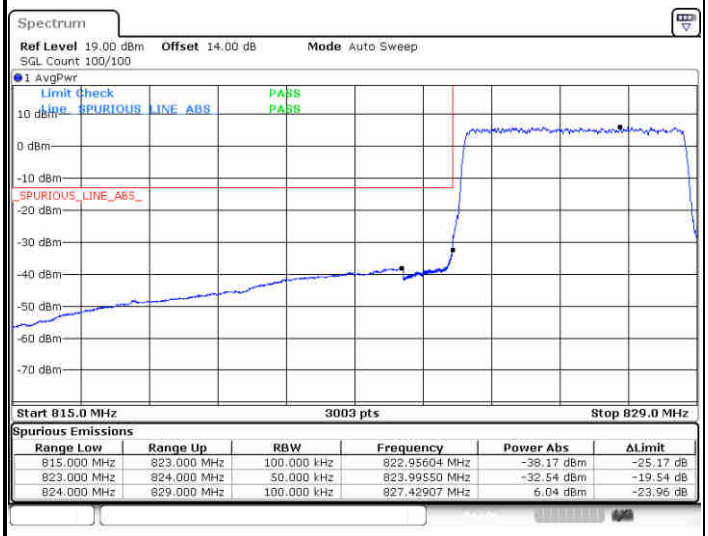


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.62787 MHz	20.32 dBm	-9.68 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-25.76 dBm	-12.76 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.81419 MHz	-38.64 dBm	-25.64 dB

Date: 15.DEC.2019 20:19:36

Lowest Band Edge / Full RB

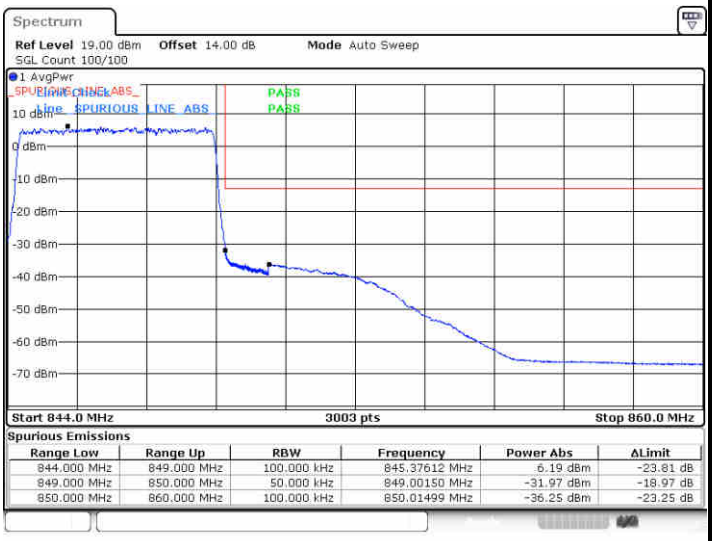


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-38.17 dBm	-25.17 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99550 MHz	-32.54 dBm	-19.54 dB
824.000 MHz	829.000 MHz	100.000 kHz	827.42907 MHz	6.04 dBm	-23.96 dB

Date: 15.DEC.2019 20:11:57

Highest Band Edge / Full RB



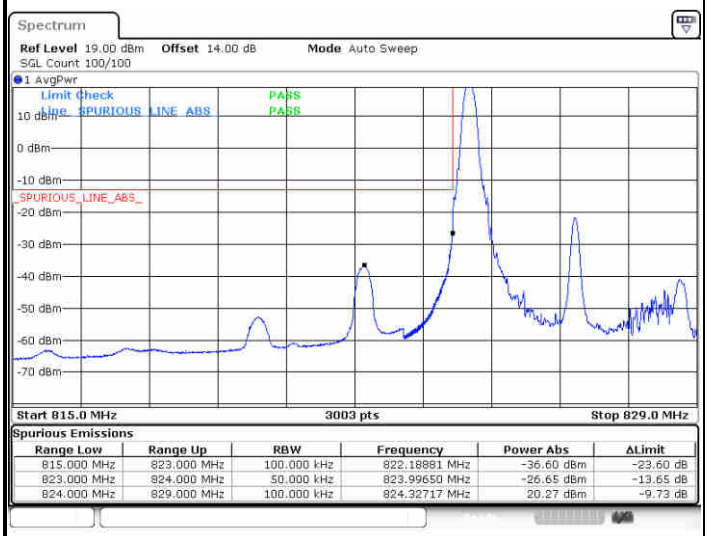
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	845.37612 MHz	6.19 dBm	-23.81 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00150 MHz	-31.97 dBm	-18.97 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-36.25 dBm	-23.25 dB

Date: 15.DEC.2019 20:22:57

LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB

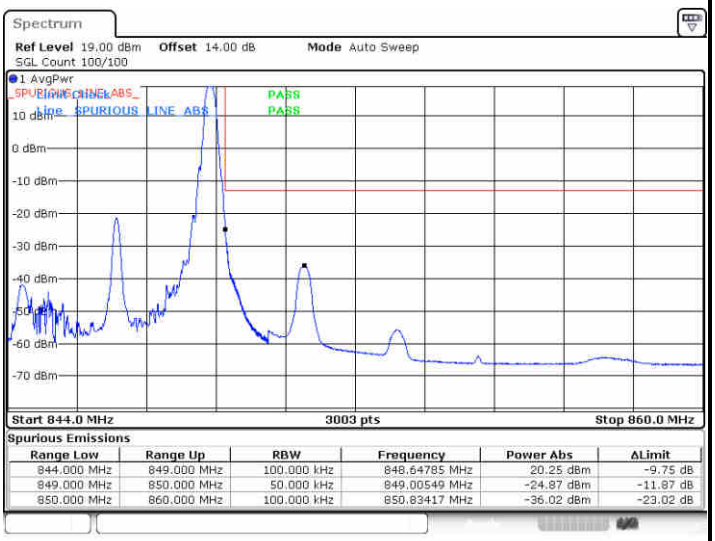


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.18881 MHz	-36.60 dBm	-23.60 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99650 MHz	-26.65 dBm	-13.65 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.32717 MHz	20.27 dBm	-9.73 dB

Date: 15.DEC.2019 20:26:24

Highest Band Edge / 1 RB

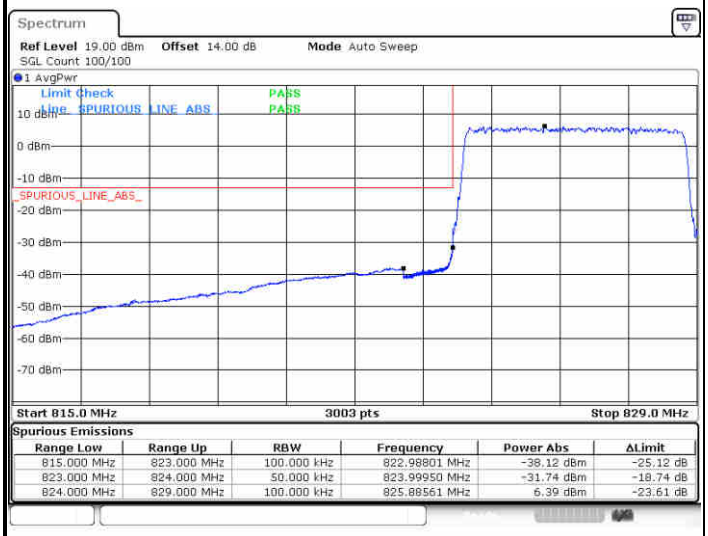


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.64785 MHz	20.25 dBm	-9.75 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00549 MHz	-24.87 dBm	-11.87 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.83417 MHz	-36.02 dBm	-23.02 dB

Date: 15.DEC.2019 20:31:54

Lowest Band Edge / Full RB

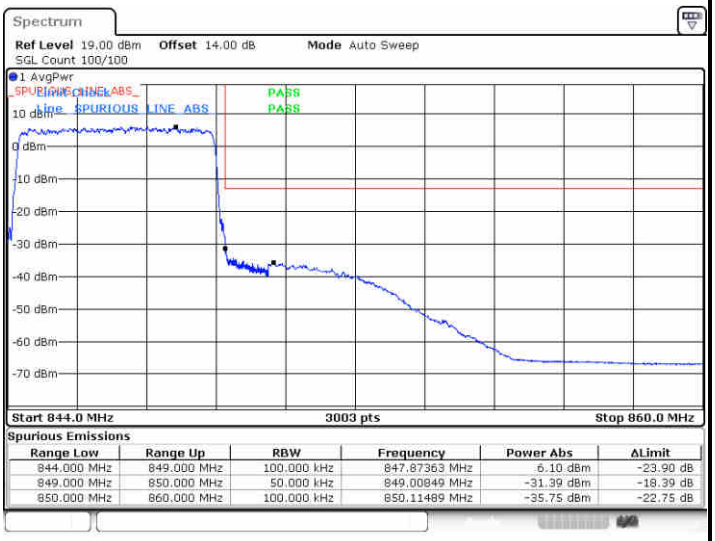


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-38.12 dBm	-25.12 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-31.74 dBm	-18.74 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.88561 MHz	6.39 dBm	-23.61 dB

Date: 15.DEC.2019 20:28:05

Highest Band Edge / Full RB



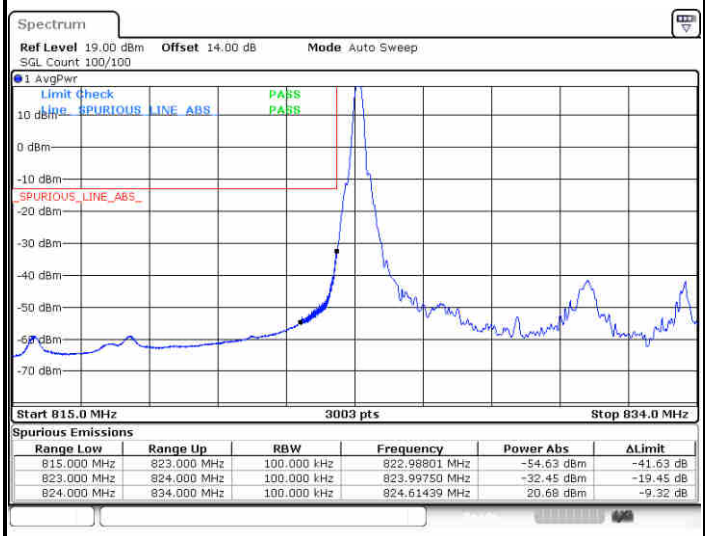
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	847.87363 MHz	6.10 dBm	-23.90 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00849 MHz	-31.39 dBm	-18.39 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.11489 MHz	-35.75 dBm	-22.75 dB

Date: 15.DEC.2019 20:33:34

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

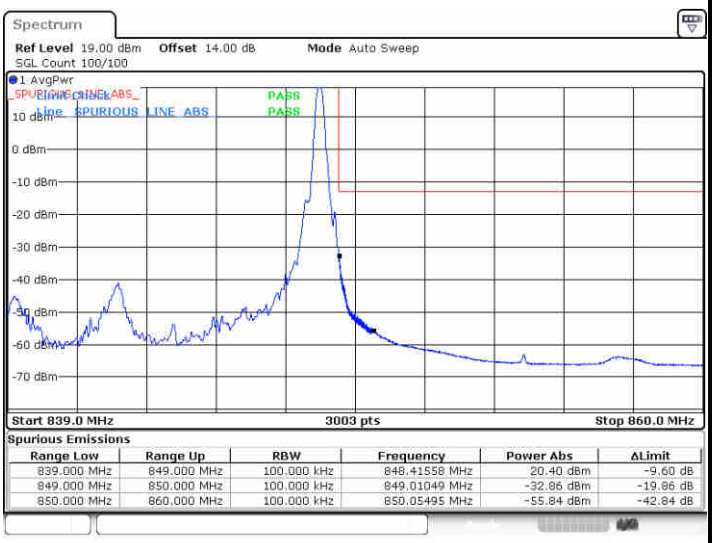


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-54.63 dBm	-41.63 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99750 MHz	-32.45 dBm	-19.45 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.61439 MHz	20.68 dBm	-9.32 dB

Date: 15.DEC.2019 20:35:59

Highest Band Edge / 1 RB

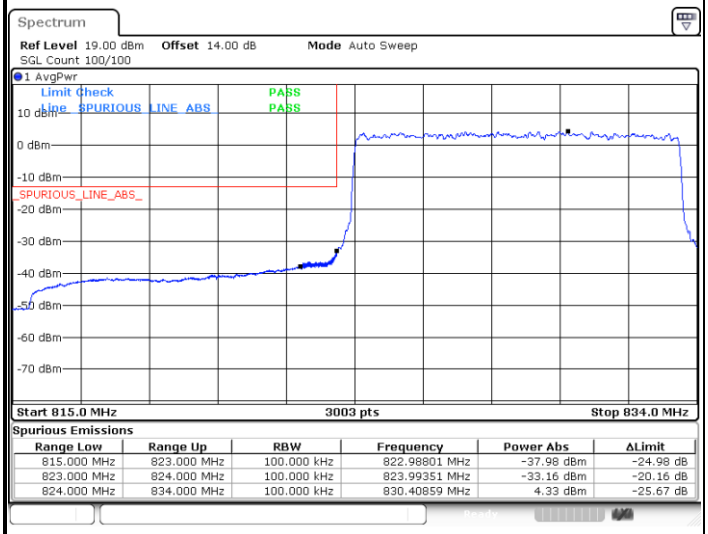


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.41558 MHz	20.40 dBm	-9.60 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.01049 MHz	-32.86 dBm	-19.86 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.05495 MHz	-55.84 dBm	-42.84 dB

Date: 15.DEC.2019 20:46:59

Lowest Band Edge / Full RB

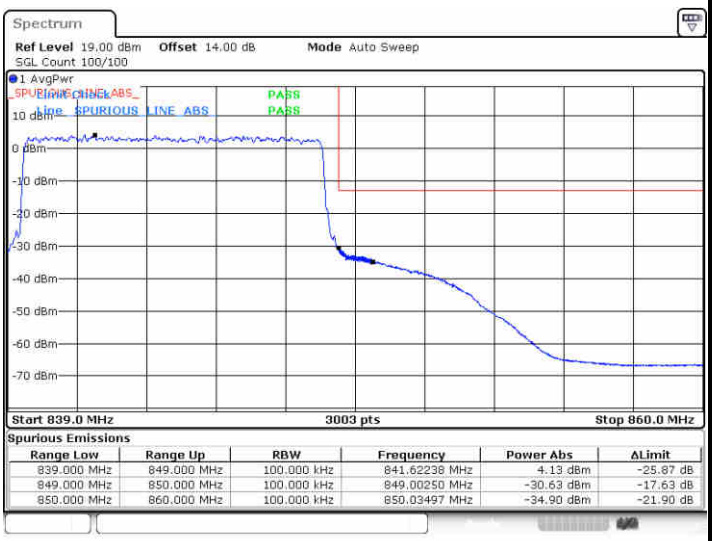


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-37.98 dBm	-24.98 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99351 MHz	-33.16 dBm	-20.16 dB
824.000 MHz	834.000 MHz	100.000 kHz	830.40859 MHz	4.33 dBm	-25.67 dB

Date: 15.DEC.2019 20:39:20

Highest Band Edge / Full RB



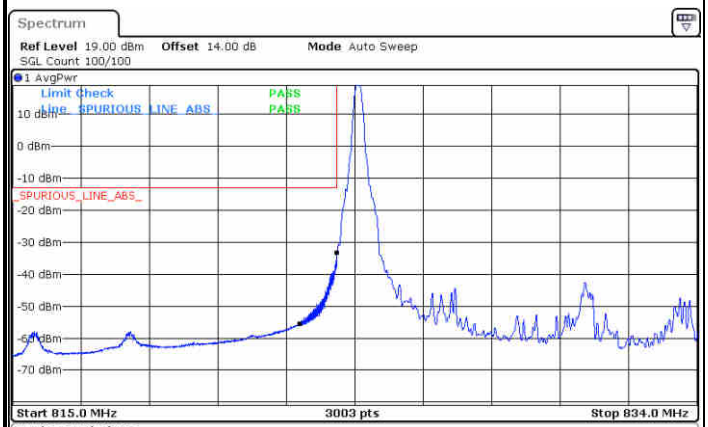
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	841.62238 MHz	4.13 dBm	-25.87 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00250 MHz	-30.63 dBm	-17.63 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.03497 MHz	-34.90 dBm	-21.90 dB

Date: 15.DEC.2019 20:50:20

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

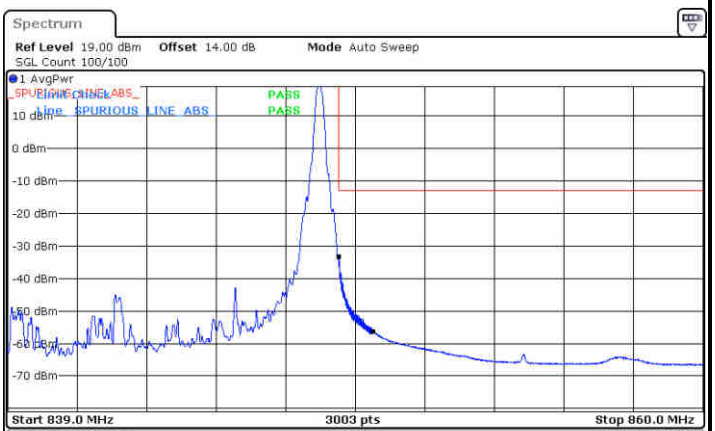


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-55.46 dBm	-42.46 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99850 MHz	-33.34 dBm	-20.34 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.59441 MHz	19.99 dBm	-10.01 dB

Date: 15.DEC.2019 20:37:40

Highest Band Edge / 1 RB

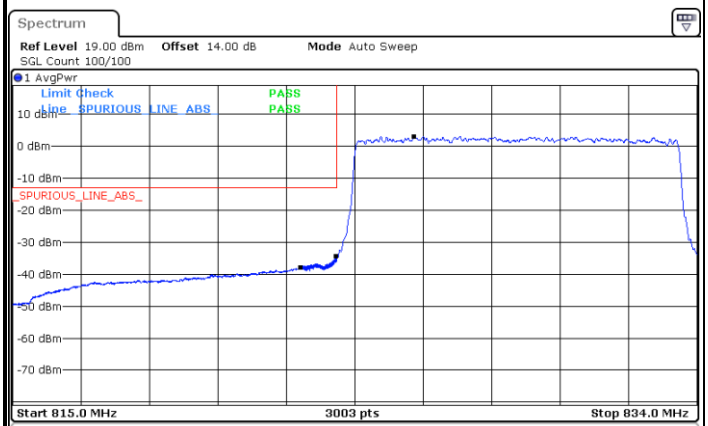


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.42557 MHz	19.44 dBm	-10.56 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00350 MHz	-33.30 dBm	-20.30 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-56.29 dBm	-43.29 dB

Date: 15.DEC.2019 20:48:39

Lowest Band Edge / Full RB

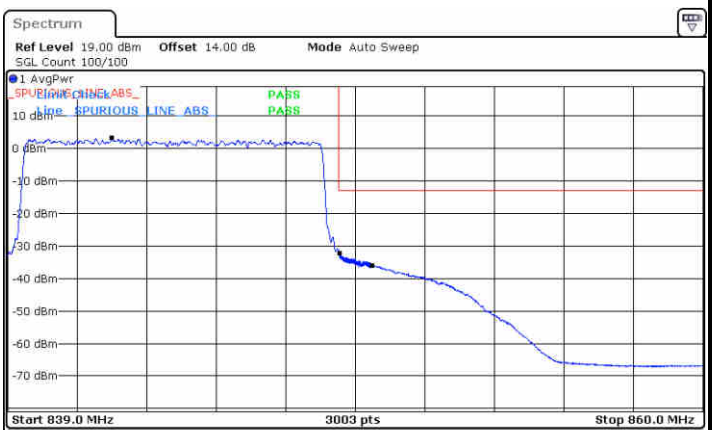


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-37.93 dBm	-24.93 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.98052 MHz	-34.42 dBm	-21.42 dB
824.000 MHz	834.000 MHz	100.000 kHz	826.14286 MHz	3.01 dBm	-26.99 dB

Date: 15.DEC.2019 20:41:01

Highest Band Edge / Full RB



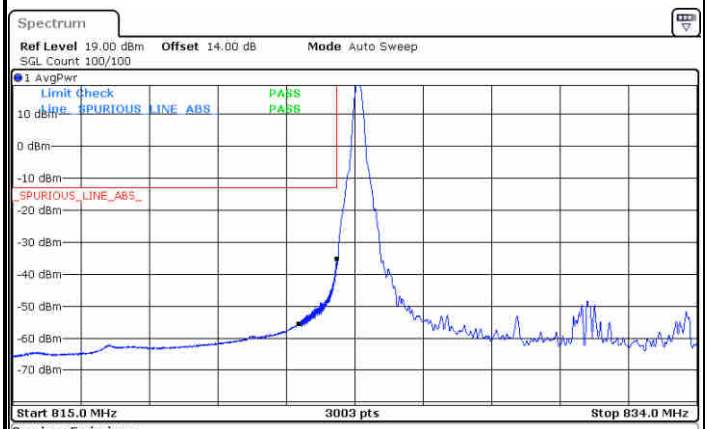
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	842.14186 MHz	3.25 dBm	-26.75 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00949 MHz	-32.14 dBm	-19.14 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-35.89 dBm	-22.89 dB

Date: 15.DEC.2019 20:52:00

LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

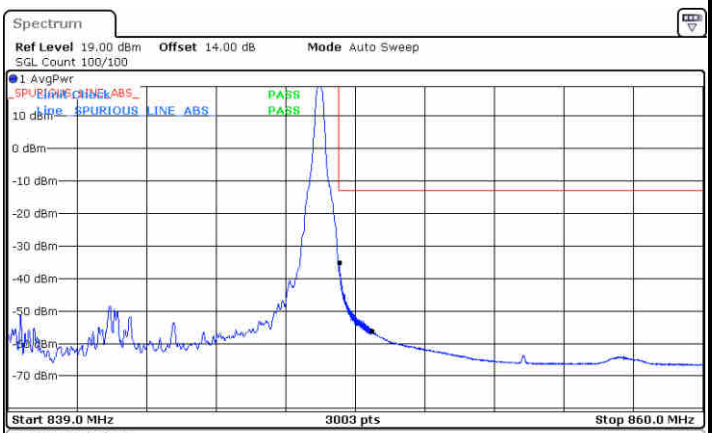


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94805 MHz	-55.42 dBm	-42.42 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99550 MHz	-35.28 dBm	-22.28 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.59441 MHz	20.09 dBm	-9.91 dB

Date: 15.DEC.2019 20:56:09

Highest Band Edge / 1 RB

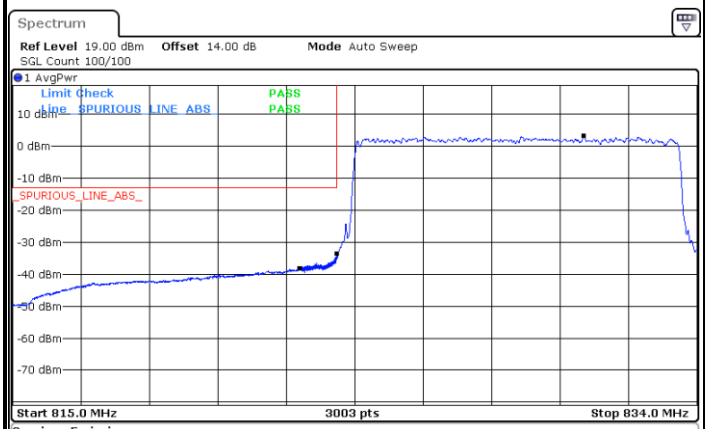


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.38561 MHz	19.67 dBm	-10.33 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00949 MHz	-35.32 dBm	-22.32 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-56.28 dBm	-43.28 dB

Date: 15.DEC.2019 21:01:39

Lowest Band Edge / Full RB

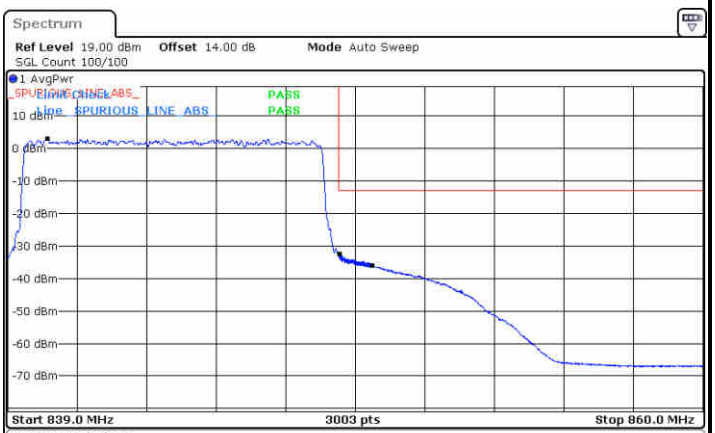


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-38.13 dBm	-25.13 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99850 MHz	-33.65 dBm	-20.65 dB
824.000 MHz	834.000 MHz	100.000 kHz	830.85814 MHz	3.35 dBm	-26.65 dB

Date: 15.DEC.2019 20:57:50

Highest Band Edge / Full RB



Spurious Emissions

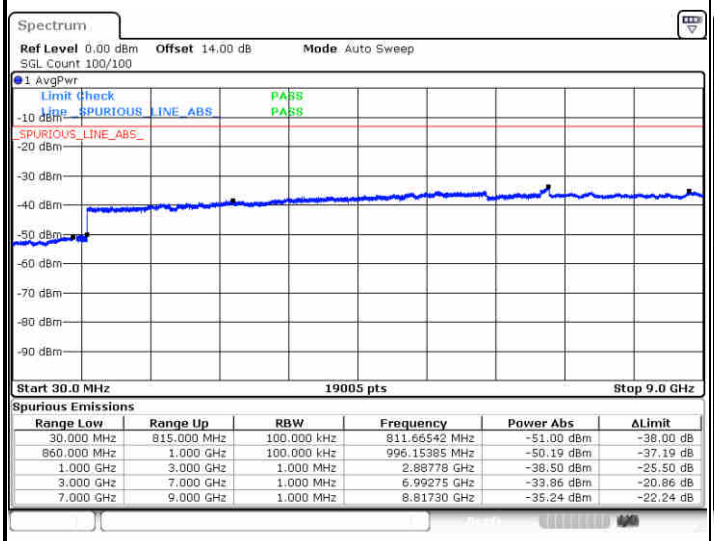
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	840.20380 MHz	2.91 dBm	-27.09 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00949 MHz	-32.42 dBm	-19.42 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.01499 MHz	-35.95 dBm	-22.95 dB

Date: 15.DEC.2019 21:03:19

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

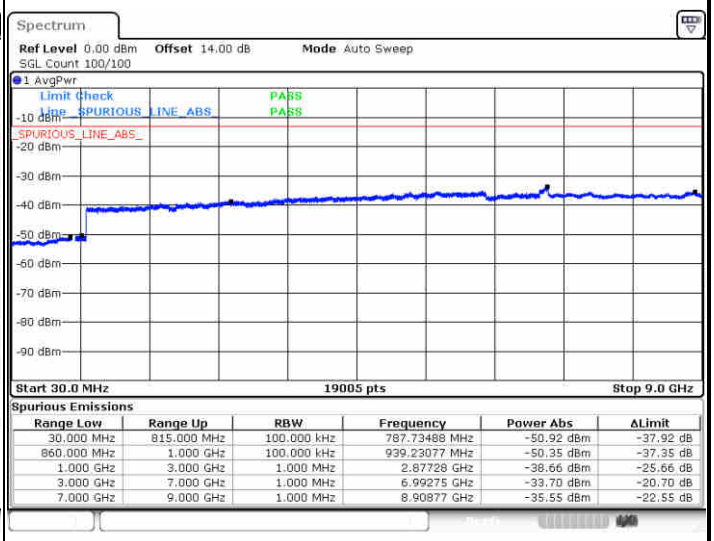


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.66542 MHz	-51.00 dBm	-38.00 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.15385 MHz	-50.19 dBm	-37.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.88778 GHz	-38.50 dBm	-25.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-33.86 dBm	-20.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.81730 GHz	-35.24 dBm	-22.24 dB

Date: 15.DEC.2019 21:15:20

Lowest Channel / 16QAM

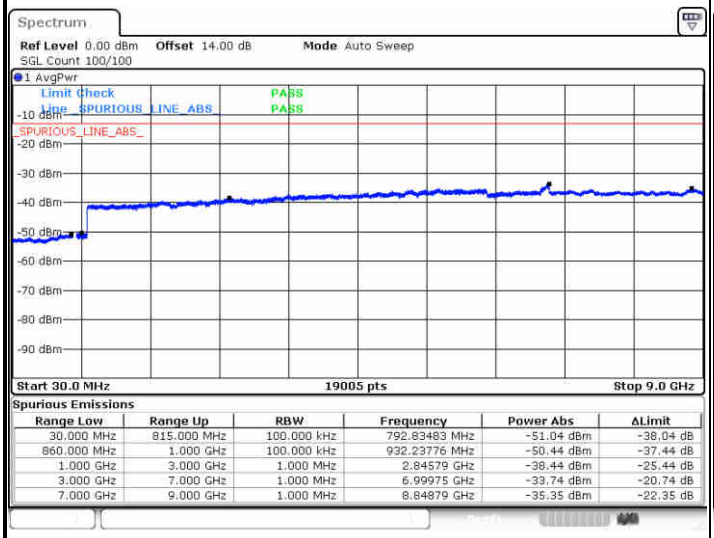


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	787.73488 MHz	-50.92 dBm	-37.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	939.23077 MHz	-50.35 dBm	-37.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87728 GHz	-38.66 dBm	-25.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-33.70 dBm	-20.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90877 GHz	-35.55 dBm	-22.55 dB

Date: 15.DEC.2019 21:16:02

Middle Channel / QPSK

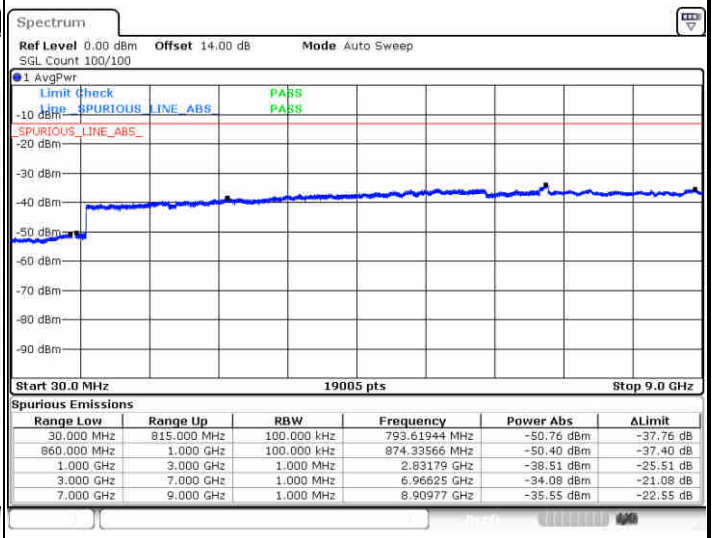


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	792.83483 MHz	-51.04 dBm	-38.04 dB
860.000 MHz	1.000 GHz	100.000 kHz	932.23776 MHz	-50.44 dBm	-37.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84579 GHz	-38.44 dBm	-25.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-33.74 dBm	-20.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.84879 GHz	-35.35 dBm	-22.35 dB

Date: 15.DEC.2019 21:17:28

Middle Channel / 16QAM



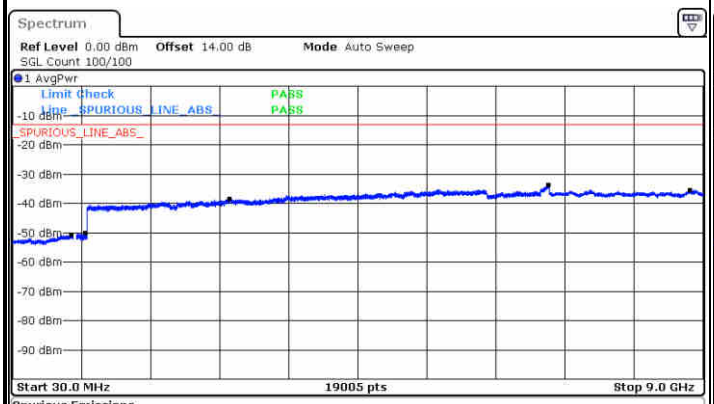
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	793.61944 MHz	-50.76 dBm	-37.76 dB
860.000 MHz	1.000 GHz	100.000 kHz	874.33566 MHz	-50.40 dBm	-37.40 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83179 GHz	-38.51 dBm	-25.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96625 GHz	-34.08 dBm	-21.08 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90977 GHz	-35.55 dBm	-22.55 dB

Date: 15.DEC.2019 21:18:10

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

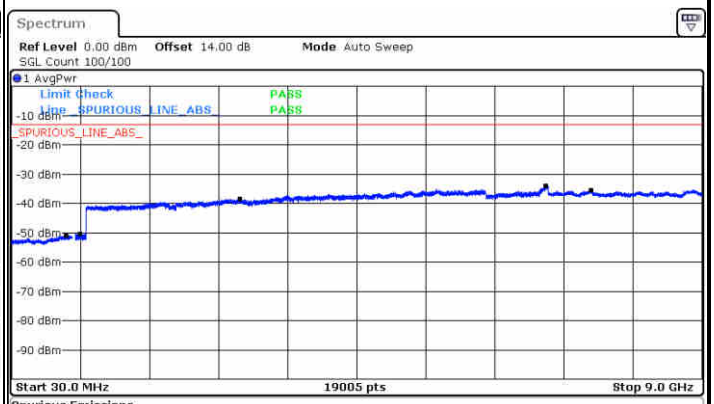


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	790.08871 MHz	-50.87 dBm	-37.87 dB
860.000 MHz	1.000 GHz	100.000 kHz	975.03497 MHz	-50.15 dBm	-37.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84629 GHz	-38.52 dBm	-25.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-33.80 dBm	-20.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.82729 GHz	-35.46 dBm	-22.46 dB

Date: 15.DEC.2019 21:26:19

Highest Channel / 16QAM



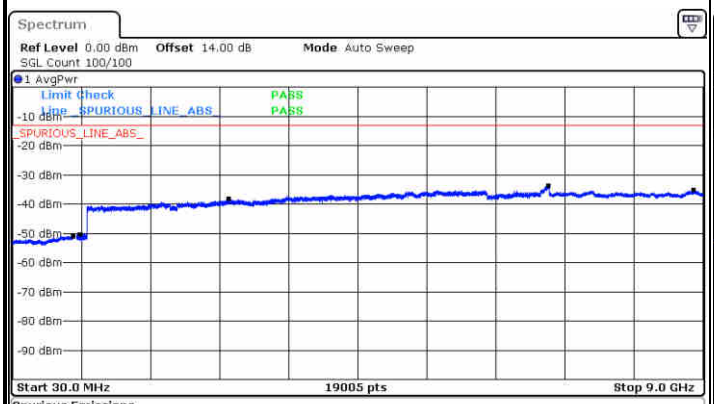
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	730.45852 MHz	-50.96 dBm	-37.96 dB
860.000 MHz	1.000 GHz	100.000 kHz	910.97902 MHz	-50.34 dBm	-37.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99175 GHz	-38.39 dBm	-25.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96475 GHz	-34.02 dBm	-21.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56261 GHz	-35.39 dBm	-22.39 dB

Date: 15.DEC.2019 21:27:01

LTE Band 5 / 3MHz

Lowest Channel / QPSK

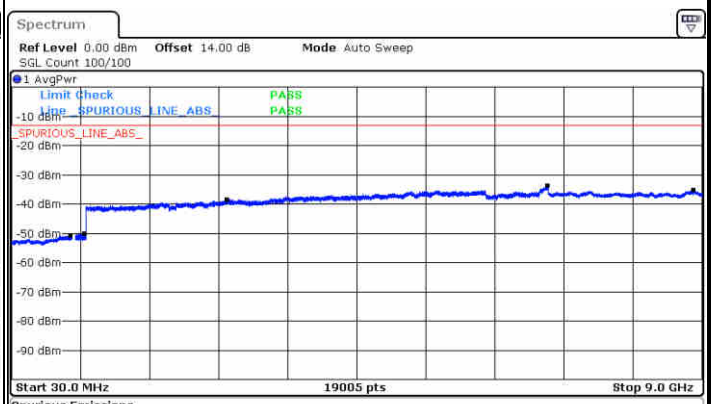


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.91929 MHz	-51.01 dBm	-38.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	901.74825 MHz	-50.32 dBm	-37.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83729 GHz	-38.19 dBm	-25.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-33.84 dBm	-20.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87178 GHz	-35.30 dBm	-22.30 dB

Date: 15.DEC.2019 19:42:57

Lowest Channel / 16QAM



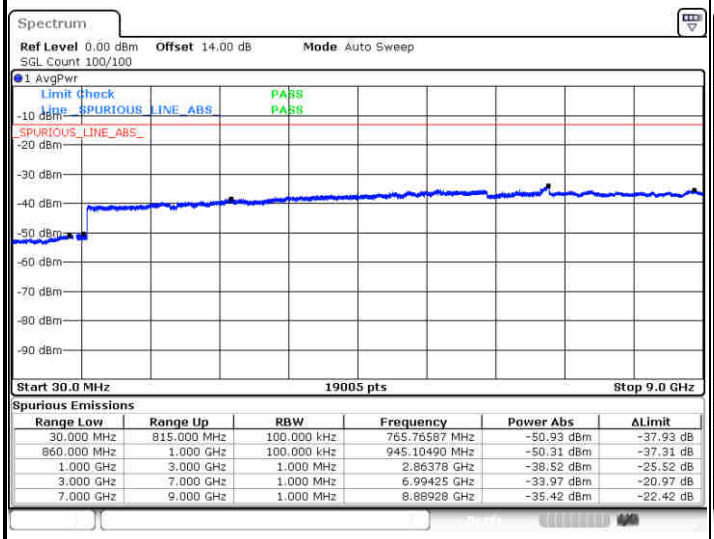
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	795.18866 MHz	-50.77 dBm	-37.77 dB
860.000 MHz	1.000 GHz	100.000 kHz	976.71329 MHz	-50.23 dBm	-37.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.82879 GHz	-38.43 dBm	-25.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-33.69 dBm	-20.69 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88328 GHz	-35.36 dBm	-22.36 dB

Date: 15.DEC.2019 19:43:38

LTE Band 5 / 3MHz

Middle Channel / QPSK

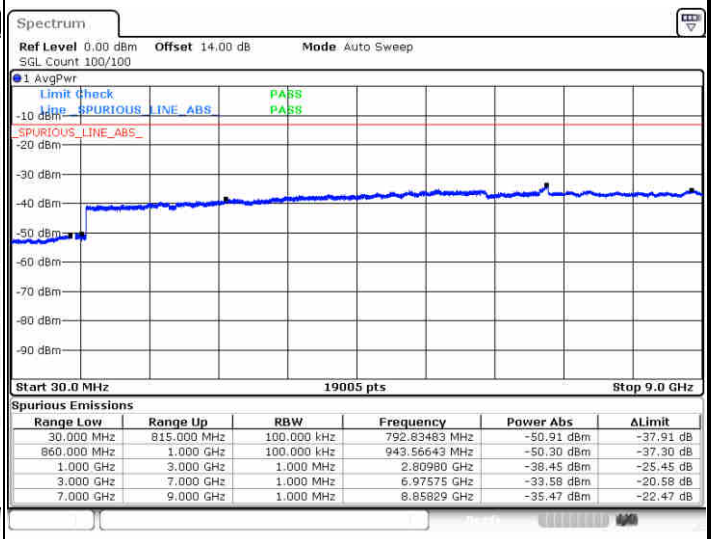


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	765.76587 MHz	-50.93 dBm	-37.93 dB
860.000 MHz	1.000 GHz	100.000 kHz	945.10490 MHz	-50.31 dBm	-37.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86378 GHz	-38.52 dBm	-25.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-33.97 dBm	-20.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88928 GHz	-35.42 dBm	-22.42 dB

Date: 15.DEC.2019 19:45:04

Middle Channel / 16QAM

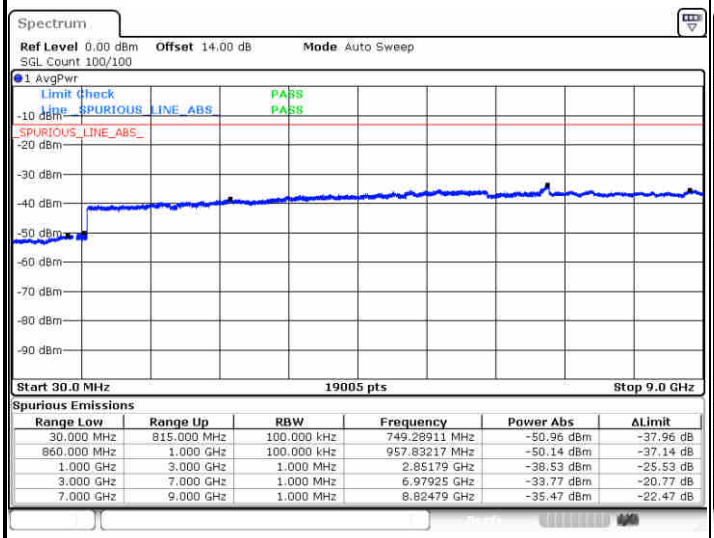


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	792.83483 MHz	-50.91 dBm	-37.91 dB
860.000 MHz	1.000 GHz	100.000 kHz	943.56643 MHz	-50.30 dBm	-37.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.80980 GHz	-38.45 dBm	-25.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97575 GHz	-33.58 dBm	-20.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.85829 GHz	-35.47 dBm	-22.47 dB

Date: 15.DEC.2019 19:45:45

Highest Channel / QPSK

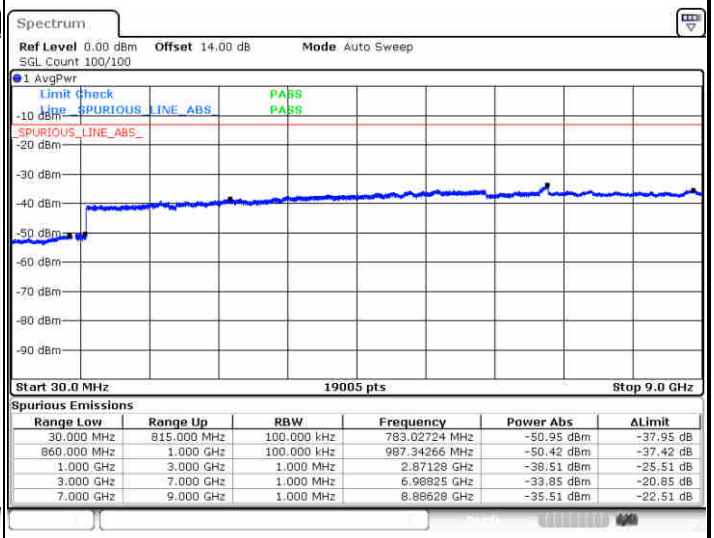


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	749.28911 MHz	-50.96 dBm	-37.96 dB
860.000 MHz	1.000 GHz	100.000 kHz	957.83217 MHz	-50.14 dBm	-37.14 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85179 GHz	-38.53 dBm	-25.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97925 GHz	-33.77 dBm	-20.77 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.82479 GHz	-35.47 dBm	-22.47 dB

Date: 15.DEC.2019 19:53:54

Highest Channel / 16QAM



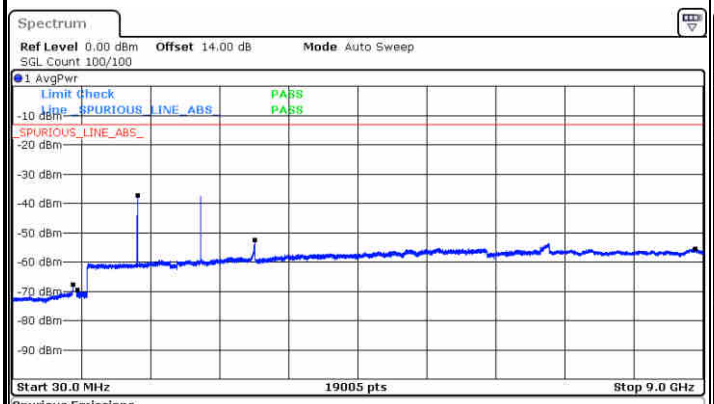
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	783.02724 MHz	-50.95 dBm	-37.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	987.34266 MHz	-50.42 dBm	-37.42 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87128 GHz	-38.51 dBm	-25.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-33.85 dBm	-20.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88628 GHz	-35.51 dBm	-22.51 dB

Date: 15.DEC.2019 19:54:36

LTE Band 5 / 5MHz

Lowest Channel / QPSK

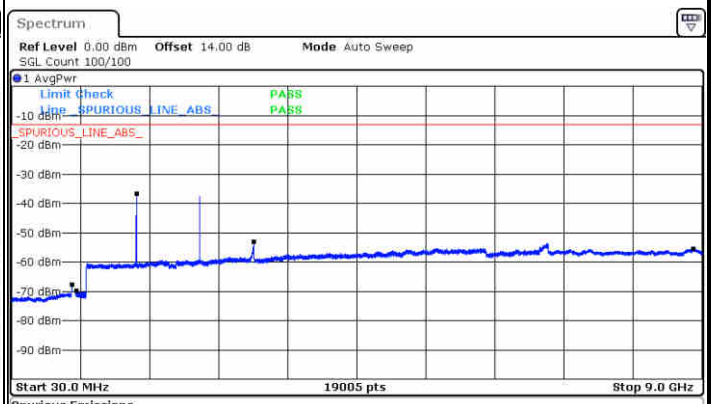


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-67.75 dBm	-54.75 dB
860.000 MHz	1.000 GHz	100.000 kHz	870.41958 MHz	-69.64 dBm	-56.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-37.22 dBm	-24.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17923 GHz	-52.39 dBm	-39.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90177 GHz	-55.38 dBm	-42.38 dB

Date: 15.DEC.2019 20:12:40

Lowest Channel / 16QAM

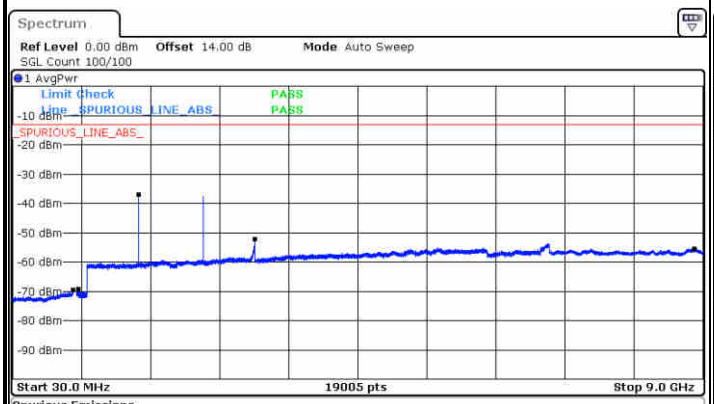


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-67.75 dBm	-54.75 dB
860.000 MHz	1.000 GHz	100.000 kHz	869.44056 MHz	-69.96 dBm	-56.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-36.84 dBm	-23.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17973 GHz	-53.09 dBm	-40.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88478 GHz	-55.52 dBm	-42.52 dB

Date: 15.DEC.2019 20:13:22

Middle Channel / QPSK

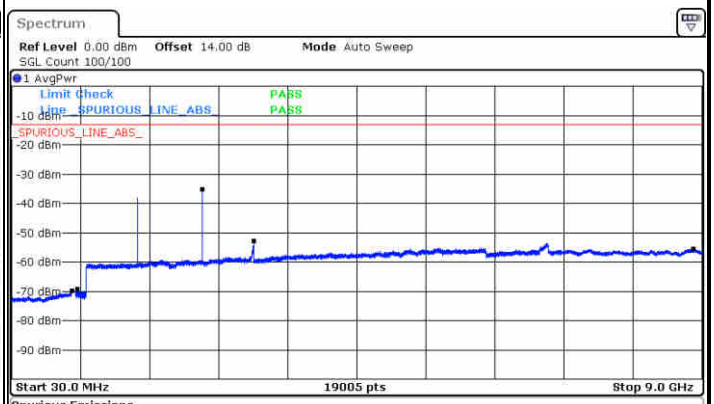


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-69.59 dBm	-56.59 dB
860.000 MHz	1.000 GHz	100.000 kHz	882.72727 MHz	-69.38 dBm	-56.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-37.07 dBm	-24.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17873 GHz	-52.31 dBm	-39.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88778 GHz	-55.53 dBm	-42.53 dB

Date: 15.DEC.2019 20:14:48

Middle Channel / 16QAM



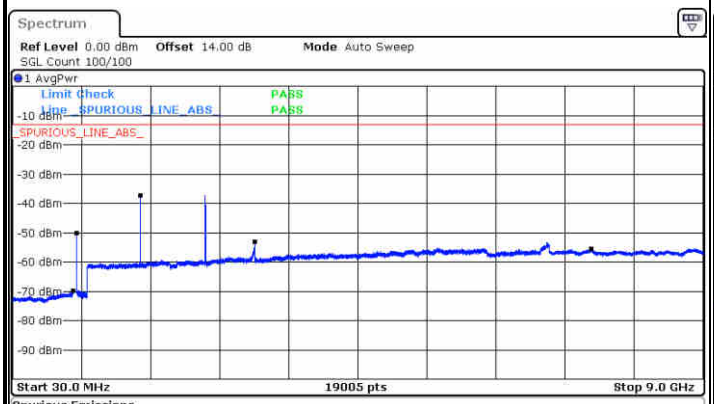
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-69.92 dBm	-56.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	880.34965 MHz	-69.15 dBm	-56.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50337 GHz	-35.28 dBm	-22.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17973 GHz	-52.87 dBm	-39.87 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88778 GHz	-55.65 dBm	-42.65 dB

Date: 15.DEC.2019 20:15:30

LTE Band 5 / 5MHz

Highest Channel / QPSK

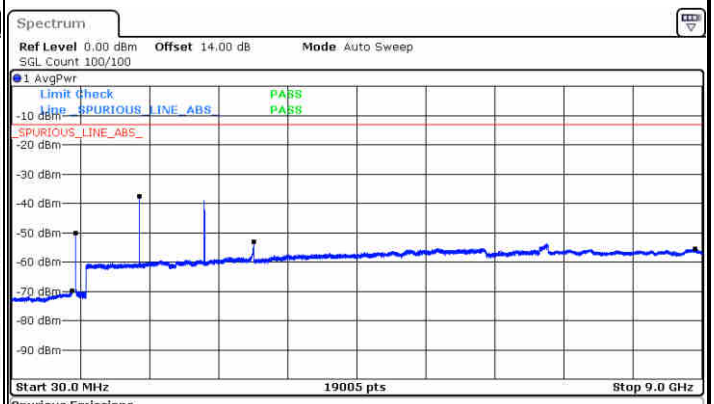


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-69.89 dBm	-56.89 dB
860.000 MHz	1.000 GHz	100.000 kHz	863.42657 MHz	-50.15 dBm	-37.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-37.30 dBm	-24.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17823 GHz	-53.05 dBm	-40.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55011 GHz	-55.57 dBm	-42.57 dB

Date: 15.DEC.2019 20:23:40

Highest Channel / 16QAM



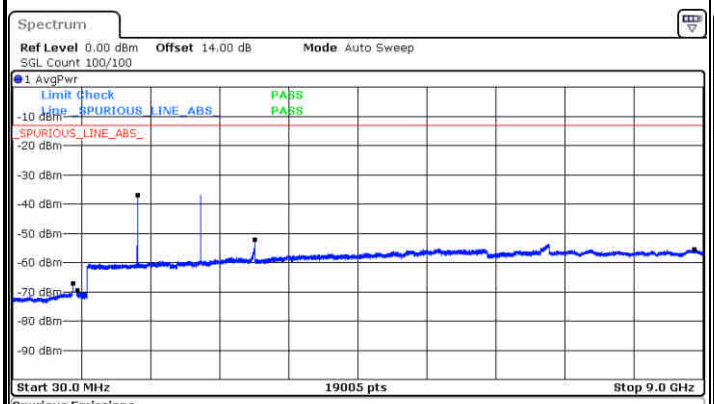
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-69.94 dBm	-56.94 dB
860.000 MHz	1.000 GHz	100.000 kHz	863.42657 MHz	-50.11 dBm	-37.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-37.51 dBm	-24.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17873 GHz	-53.20 dBm	-40.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90727 GHz	-55.60 dBm	-42.60 dB

Date: 15.DEC.2019 20:24:22

LTE Band 5 / 10MHz

Lowest Channel / QPSK

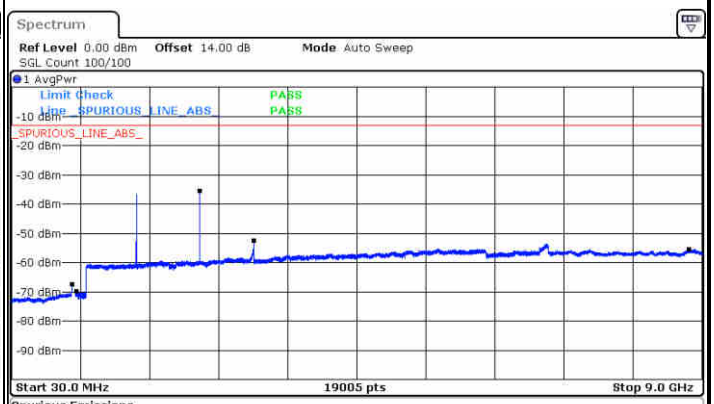


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-67.08 dBm	-54.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	870.13986 MHz	-69.68 dBm	-56.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-36.95 dBm	-23.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17923 GHz	-52.22 dBm	-39.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89028 GHz	-55.48 dBm	-42.48 dB

Date: 15.DEC.2019 20:41:44

Lowest Channel / 16QAM



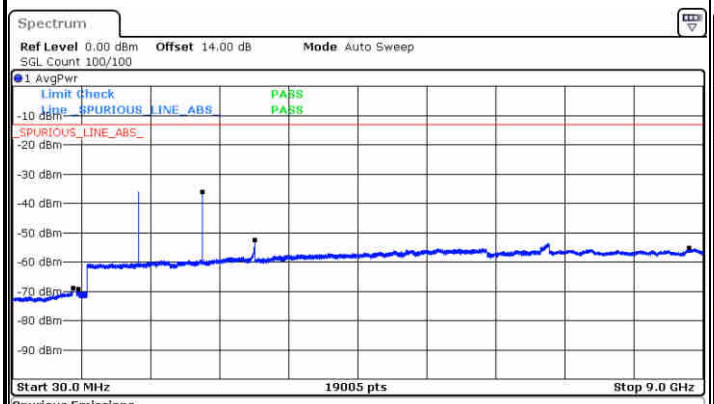
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-67.55 dBm	-54.55 dB
860.000 MHz	1.000 GHz	100.000 kHz	865.52448 MHz	-69.76 dBm	-56.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47388 GHz	-35.55 dBm	-22.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17773 GHz	-52.50 dBm	-39.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.82429 GHz	-55.51 dBm	-42.51 dB

Date: 15.DEC.2019 20:42:26

LTE Band 5 / 10MHz

Middle Channel / QPSK

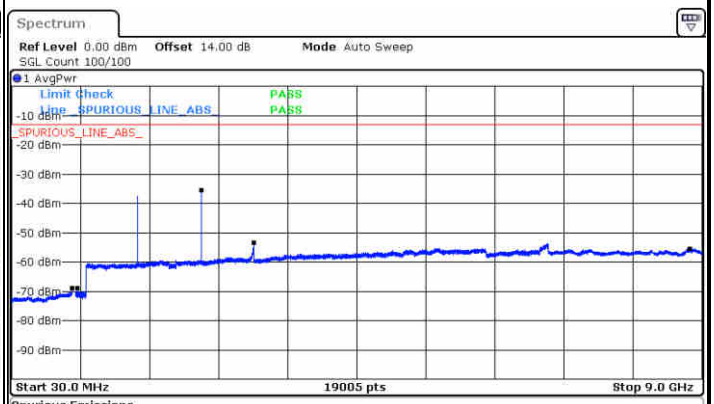


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-68.96 dBm	-55.96 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.93007 MHz	-69.30 dBm	-56.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49638 GHz	-36.12 dBm	-23.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17673 GHz	-52.55 dBm	-39.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.82179 GHz	-55.33 dBm	-42.33 dB

Date: 15.DEC.2019 20:43:52

Middle Channel / 16QAM

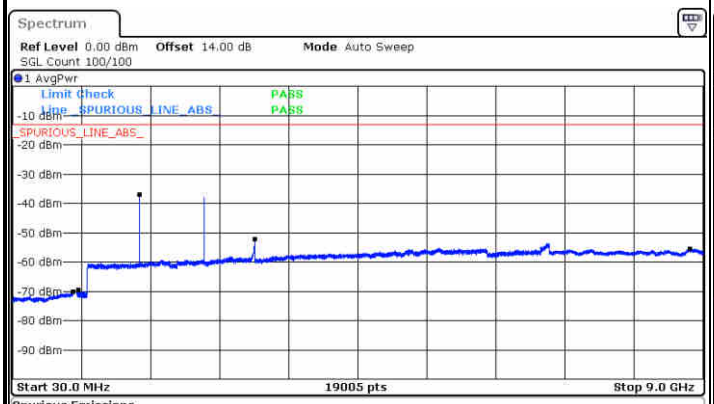


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-69.08 dBm	-56.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	883.14685 MHz	-69.02 dBm	-56.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.49638 GHz	-35.67 dBm	-22.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17923 GHz	-53.41 dBm	-40.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.84079 GHz	-55.39 dBm	-42.39 dB

Date: 15.DEC.2019 20:44:34

Highest Channel / QPSK

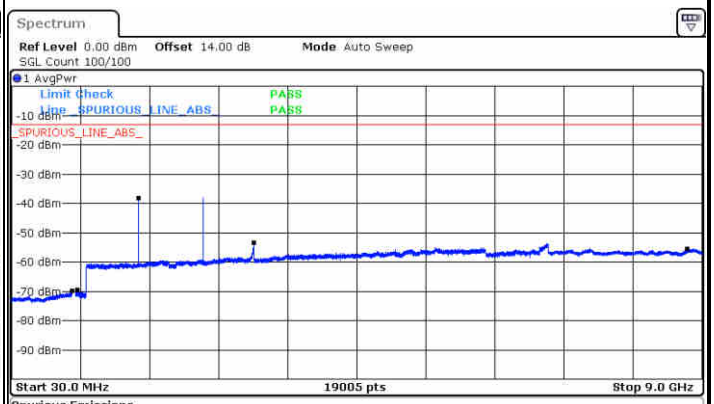


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-70.25 dBm	-57.25 dB
860.000 MHz	1.000 GHz	100.000 kHz	885.38462 MHz	-69.48 dBm	-56.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-37.02 dBm	-24.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17923 GHz	-52.33 dBm	-39.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.83229 GHz	-55.55 dBm	-42.55 dB

Date: 15.DEC.2019 20:52:43

Highest Channel / 16QAM



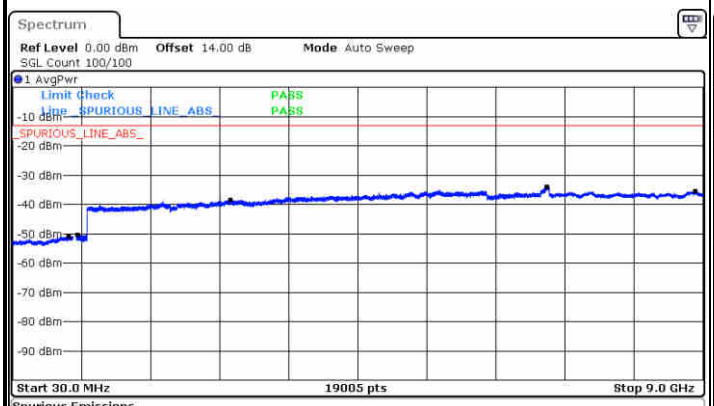
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-69.81 dBm	-56.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	886.64336 MHz	-69.41 dBm	-56.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-38.13 dBm	-25.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17523 GHz	-53.35 dBm	-40.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.80280 GHz	-55.63 dBm	-42.63 dB

Date: 15.DEC.2019 20:53:25

LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

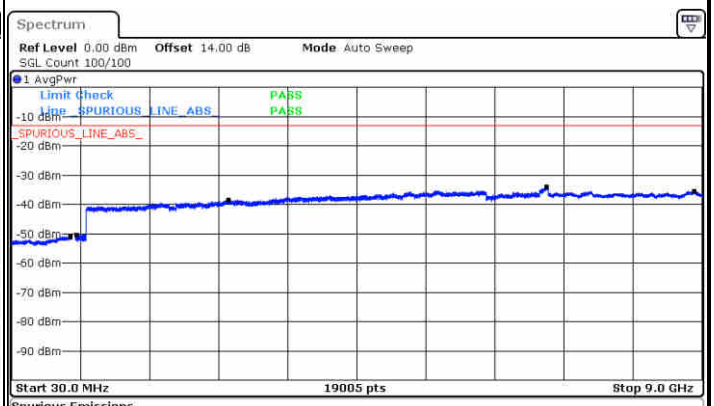


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	758.70440 MHz	-50.95 dBm	-37.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	865.94406 MHz	-50.43 dBm	-37.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86228 GHz	-38.38 dBm	-25.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96875 GHz	-33.93 dBm	-20.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89778 GHz	-35.59 dBm	-22.59 dB

Date: 15.DEC.2019 21:31:26

Middle Channel / 64QAM

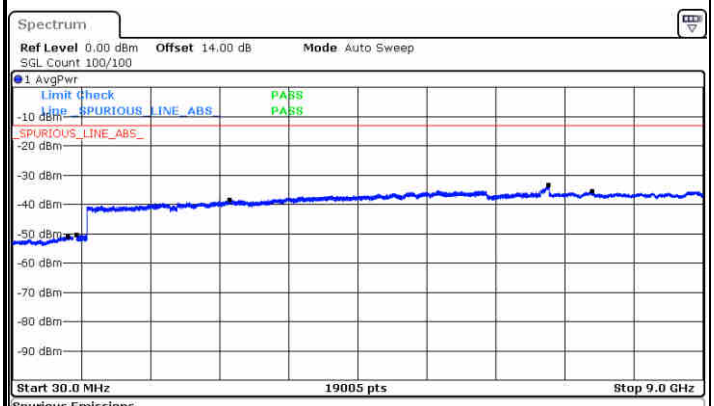


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	786.55797 MHz	-51.07 dBm	-38.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	869.16084 MHz	-50.45 dBm	-37.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84779 GHz	-38.38 dBm	-25.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97875 GHz	-33.89 dBm	-20.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89678 GHz	-35.44 dBm	-22.44 dB

Date: 15.DEC.2019 21:32:30

Highest Channel / 64QAM



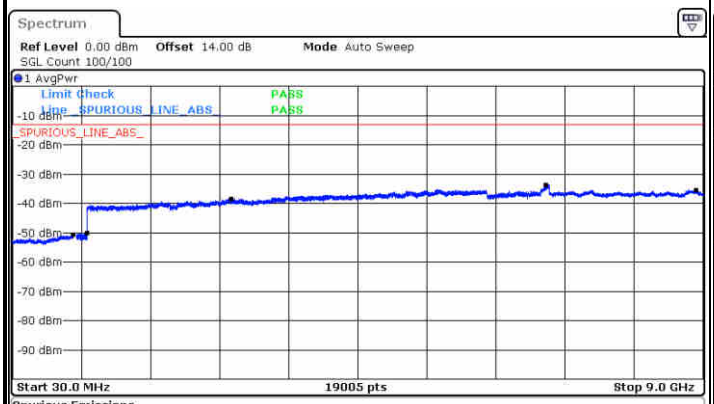
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	744.58146 MHz	-51.01 dBm	-38.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	864.40559 MHz	-50.30 dBm	-37.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85029 GHz	-38.42 dBm	-25.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-33.49 dBm	-20.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55461 GHz	-35.65 dBm	-22.65 dB

Date: 15.DEC.2019 21:36:56

LTE Band 5 / 3MHz

Lowest Channel / 64QAM

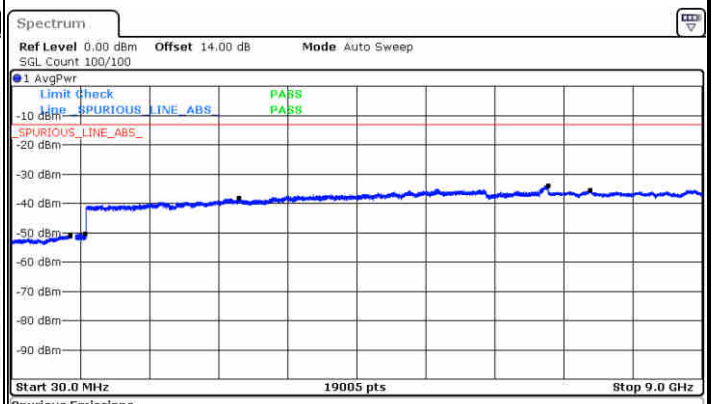


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-50.86 dBm	-37.86 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.29371 MHz	-50.10 dBm	-37.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87028 GHz	-38.44 dBm	-25.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95976 GHz	-33.71 dBm	-20.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90677 GHz	-35.53 dBm	-22.53 dB

Date: 15.DEC.2019 19:59:01

Middle Channel / 64QAM

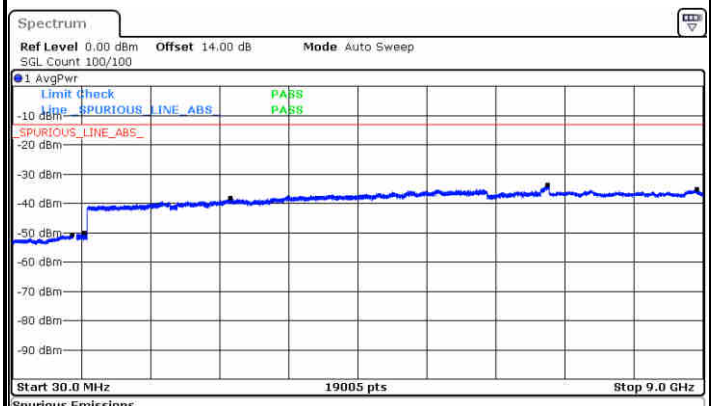


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	788.91179 MHz	-51.01 dBm	-38.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	986.64336 MHz	-50.44 dBm	-37.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97926 GHz	-38.18 dBm	-25.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-33.89 dBm	-20.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54611 GHz	-35.41 dBm	-22.41 dB

Date: 15.DEC.2019 20:00:05

Highest Channel / 64QAM



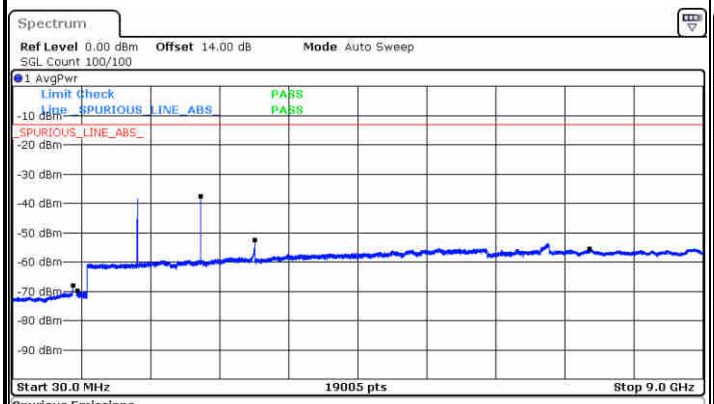
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	807.74238 MHz	-50.71 dBm	-37.71 dB
860.000 MHz	1.000 GHz	100.000 kHz	959.93007 MHz	-50.23 dBm	-37.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85879 GHz	-38.26 dBm	-25.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-33.64 dBm	-20.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91577 GHz	-35.31 dBm	-22.31 dB

Date: 15.DEC.2019 20:04:31

LTE Band 5 / 5MHz

Lowest Channel / 64QAM

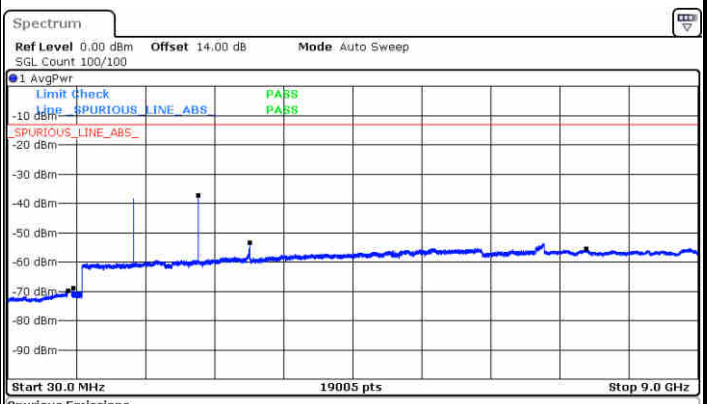


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-67.94 dBm	-54.94 dB
860.000 MHz	1.000 GHz	100.000 kHz	870.13986 MHz	-69.90 dBm	-56.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47338 GHz	-37.71 dBm	-24.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17973 GHz	-52.68 dBm	-39.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.52812 GHz	-55.63 dBm	-42.63 dB

Date: 15.DEC.2019 20:28:47

Middle Channel / 64QAM

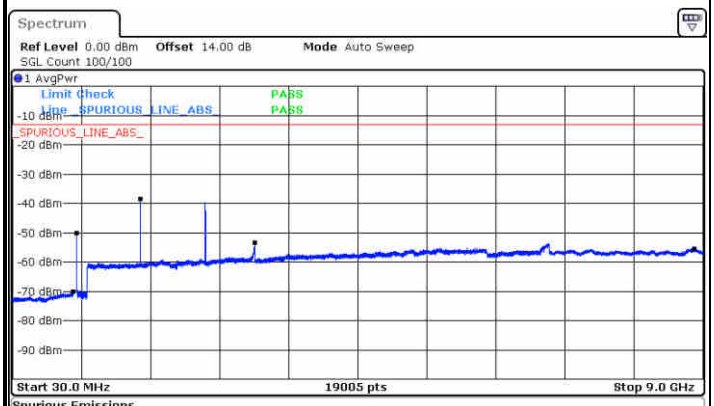


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-69.77 dBm	-56.77 dB
860.000 MHz	1.000 GHz	100.000 kHz	880.48951 MHz	-69.03 dBm	-56.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50337 GHz	-37.23 dBm	-24.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17973 GHz	-53.56 dBm	-40.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54761 GHz	-55.43 dBm	-42.43 dB

Date: 15.DEC.2019 20:29:52

Highest Channel / 64QAM



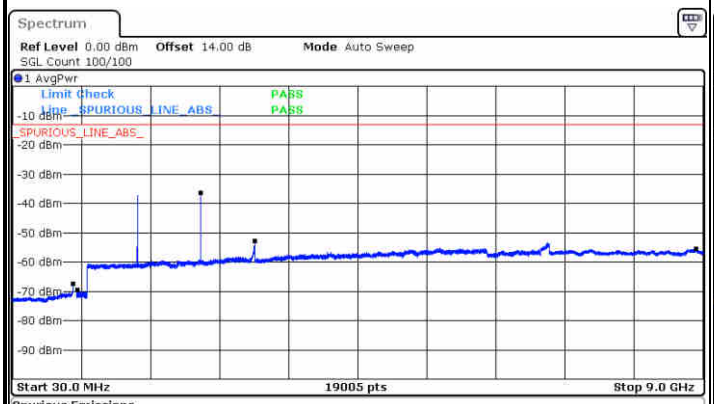
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.66542 MHz	-70.14 dBm	-57.14 dB
860.000 MHz	1.000 GHz	100.000 kHz	863.42657 MHz	-50.01 dBm	-37.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-38.46 dBm	-25.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17923 GHz	-53.31 dBm	-40.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89078 GHz	-55.46 dBm	-42.46 dB

Date: 15.DEC.2019 20:54:07

LTE Band 5 / 10MHz

Lowest Channel / 64QAM

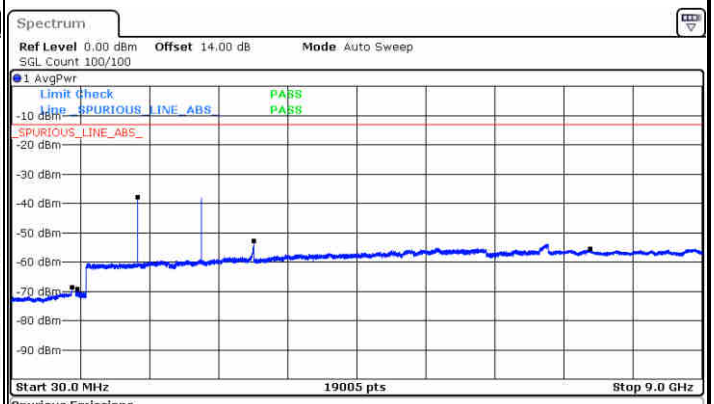


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-67.45 dBm	-54.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	870.27972 MHz	-69.46 dBm	-56.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47388 GHz	-36.36 dBm	-23.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17573 GHz	-52.89 dBm	-39.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90377 GHz	-55.51 dBm	-42.51 dB

Date: 15.DEC.2019 20:58:32

Middle Channel / 64QAM

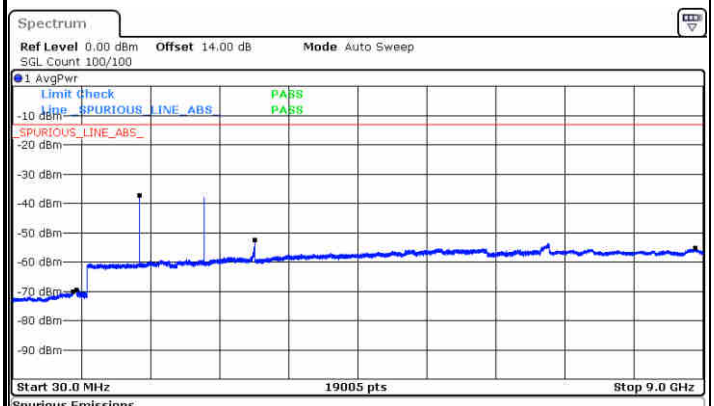


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-68.59 dBm	-55.59 dB
860.000 MHz	1.000 GHz	100.000 kHz	884.26573 MHz	-69.23 dBm	-56.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-37.77 dBm	-24.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17873 GHz	-52.75 dBm	-39.75 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54261 GHz	-55.38 dBm	-42.38 dB

Date: 15.DEC.2019 20:59:36

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-70.07 dBm	-57.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	861.46853 MHz	-69.60 dBm	-56.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-37.45 dBm	-24.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	3.17773 GHz	-52.53 dBm	-39.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89828 GHz	-55.36 dBm	-42.36 dB

Date: 15.DEC.2019 21:04:02

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note: Normal Voltage =3.87 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.45 V.

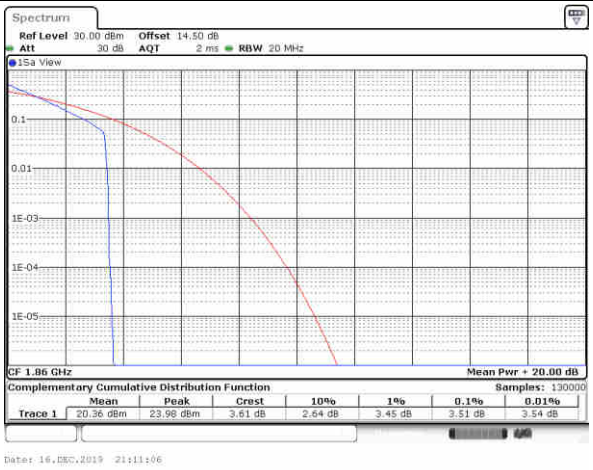
LTE Band 25

Peak-to-Average Ratio

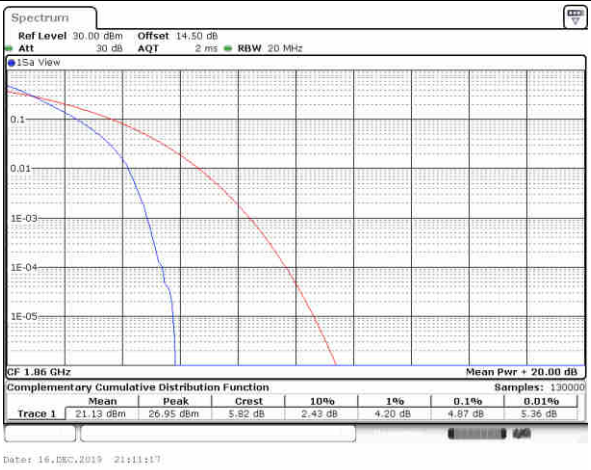
Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.51	4.87	5.10	5.80	PASS
Middle CH	3.54	4.93	4.99	5.88	
Highest CH	3.59	4.93	5.48	5.86	
Mode	LTE Band 25 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.28	5.86	-	-	PASS
Middle CH	5.19	5.80	-	-	
Highest CH	5.19	5.86	-	-	

LTE Band 25 / 20MHz / QPSK

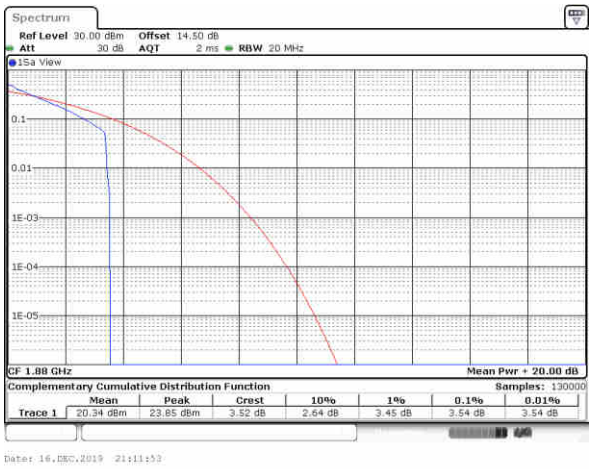
Lowest Channel / 1RB



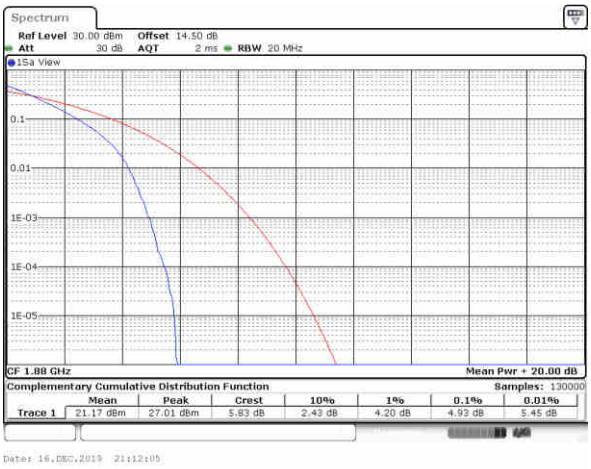
Lowest Channel / Full RB



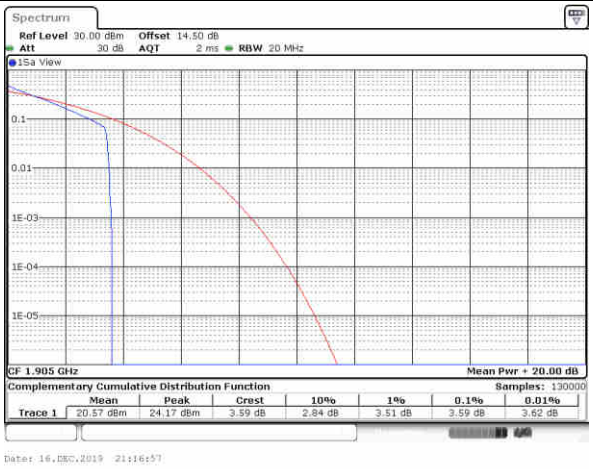
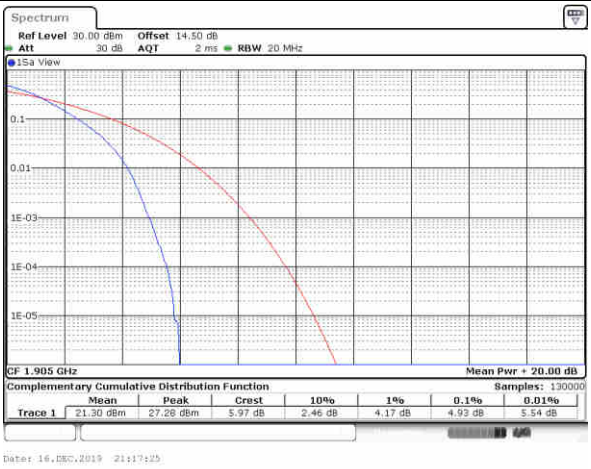
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB