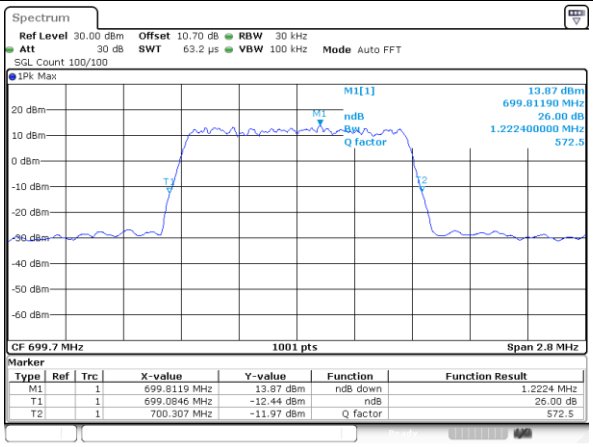
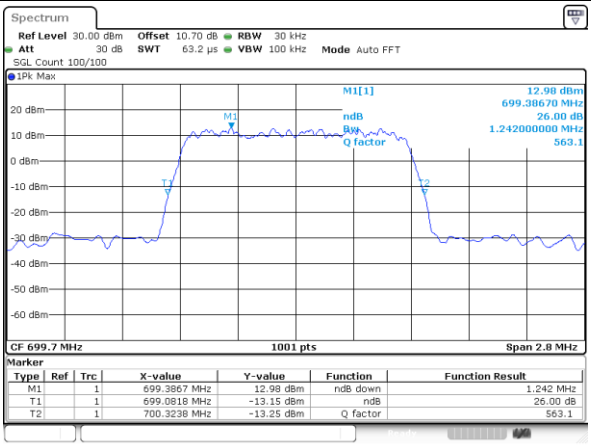
LTE Band 12

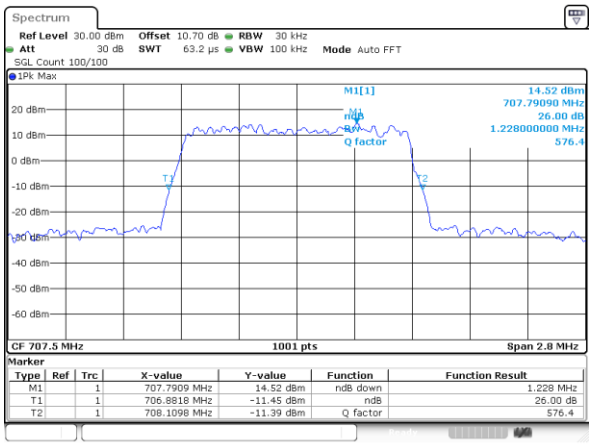
Lowest Channel / 1.4MHz / QPSK



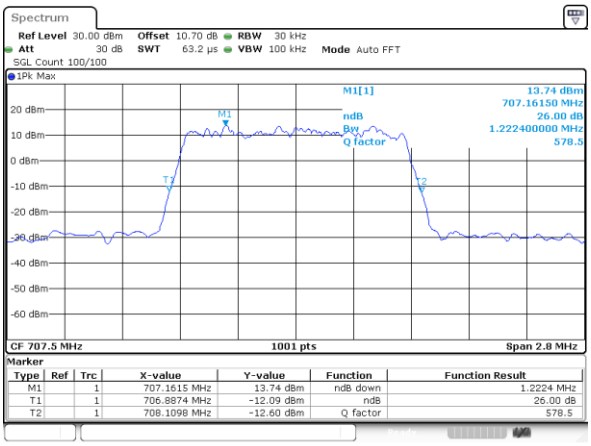
Lowest Channel / 1.4MHz / 16QAM



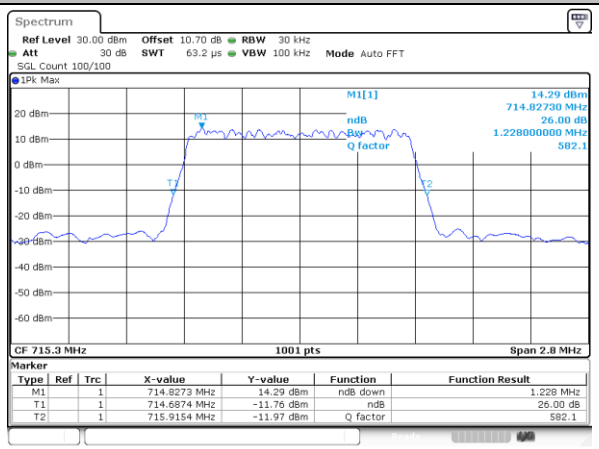
Middle Channel / 1.4MHz / QPSK



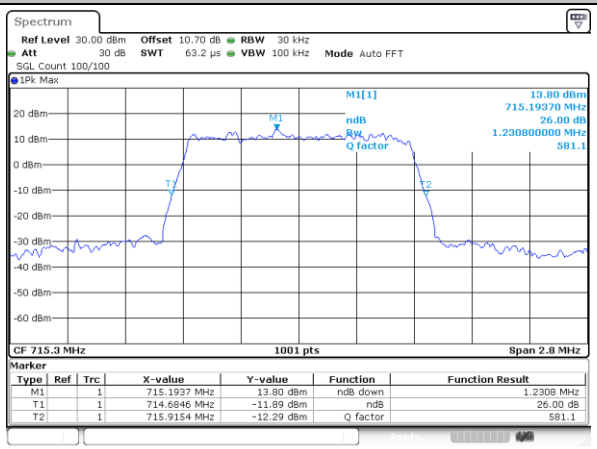
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

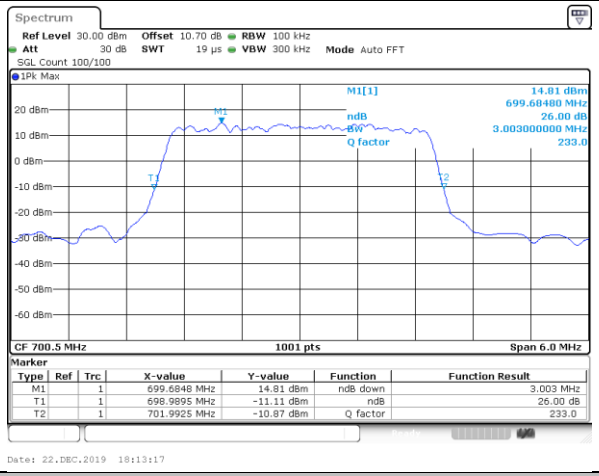


Highest Channel / 1.4MHz / 16QAM

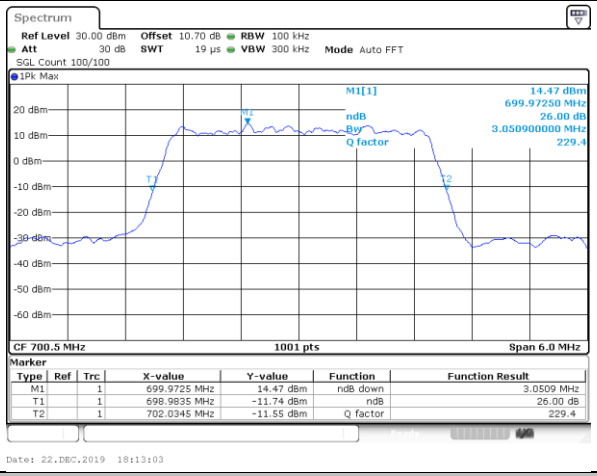


LTE Band 12

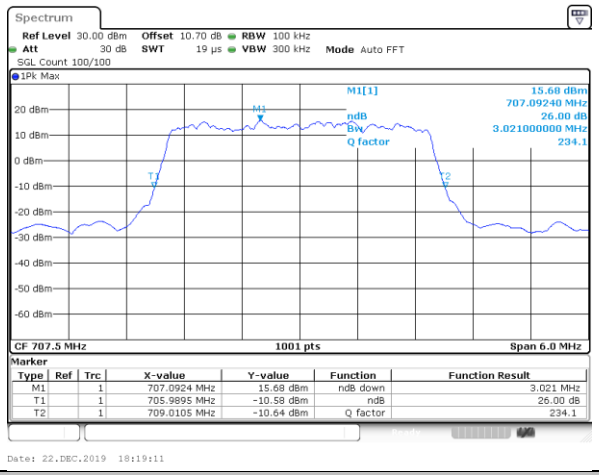
Lowest Channel / 3MHz / QPSK



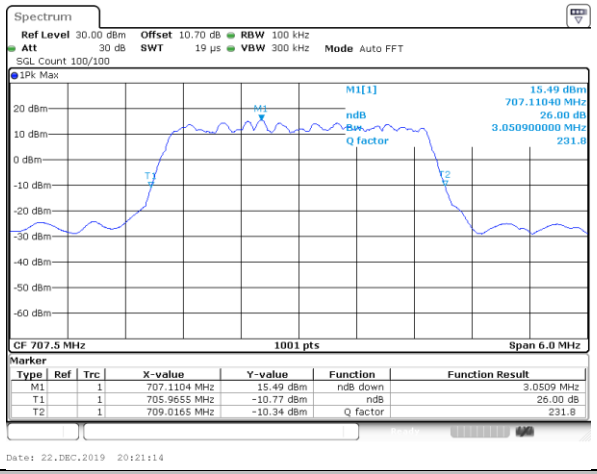
Lowest Channel / 3MHz / 16QAM



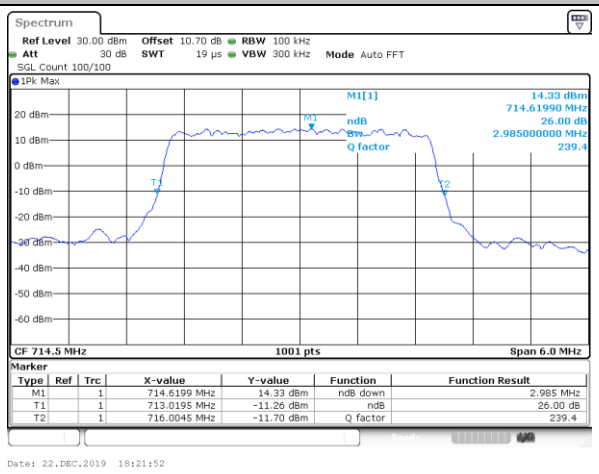
Middle Channel / 3MHz / QPSK



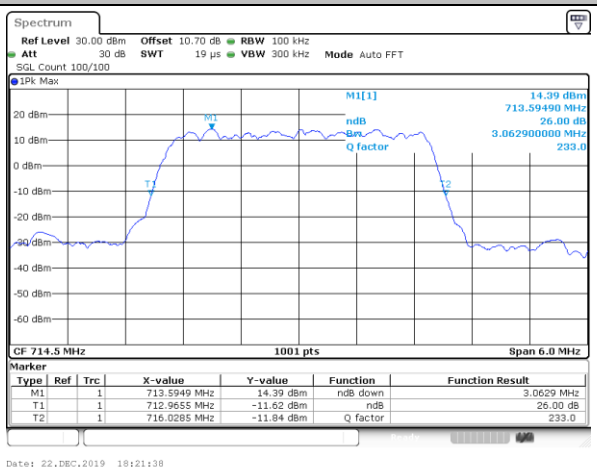
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

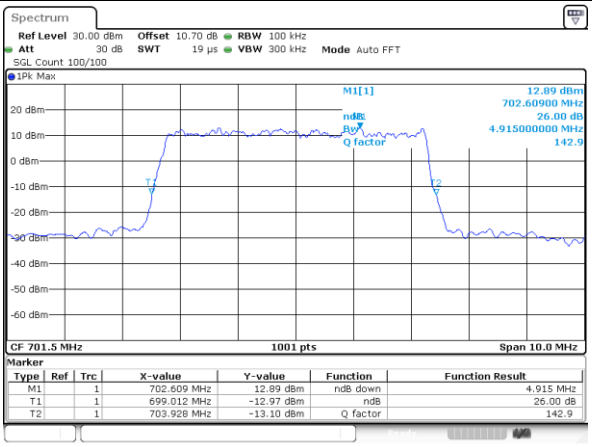


Highest Channel / 3MHz / 16QAM

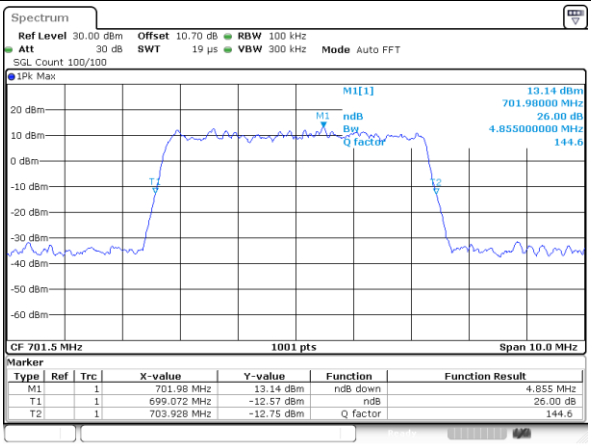


LTE Band 12

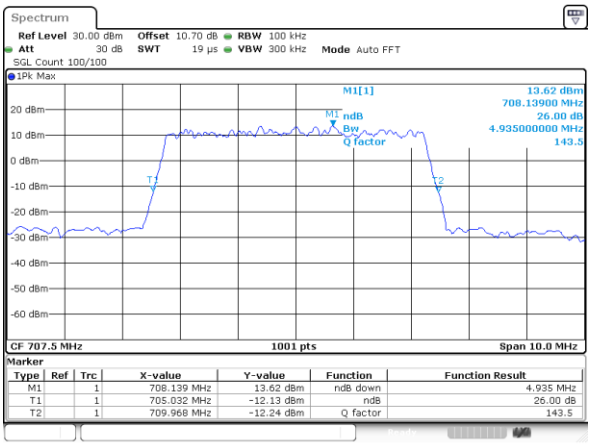
Lowest Channel / 5MHz / QPSK



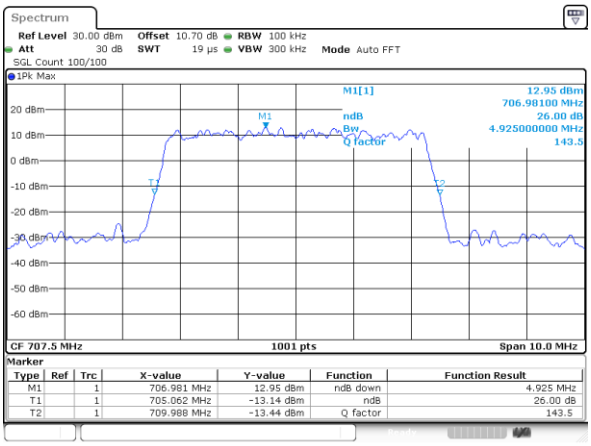
Lowest Channel / 5MHz / 16QAM



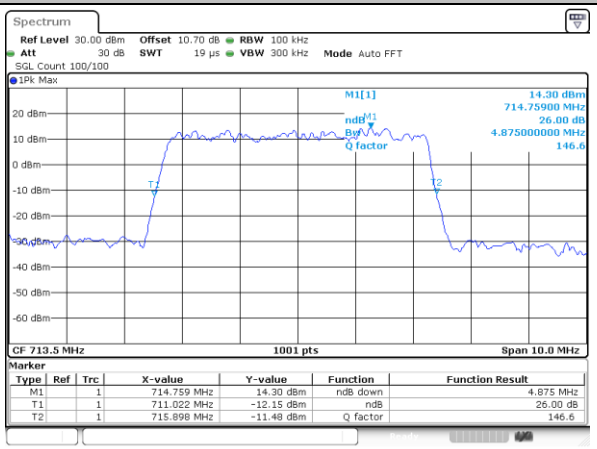
Middle Channel / 5MHz / QPSK



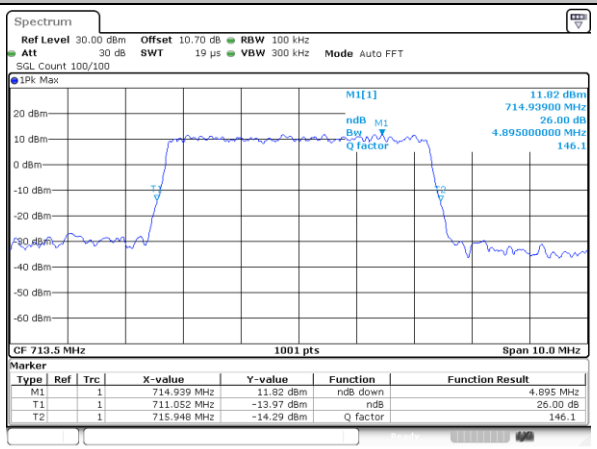
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

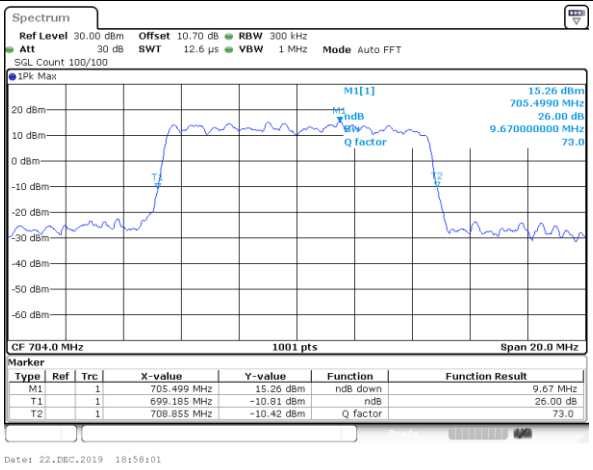


Highest Channel / 5MHz / 16QAM

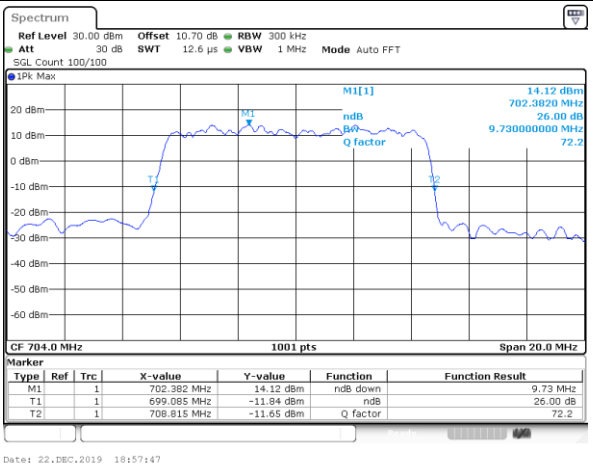


LTE Band 12

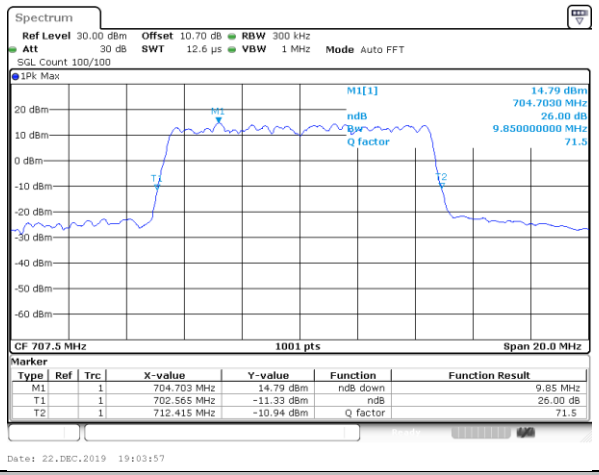
Lowest Channel / 10MHz / QPSK



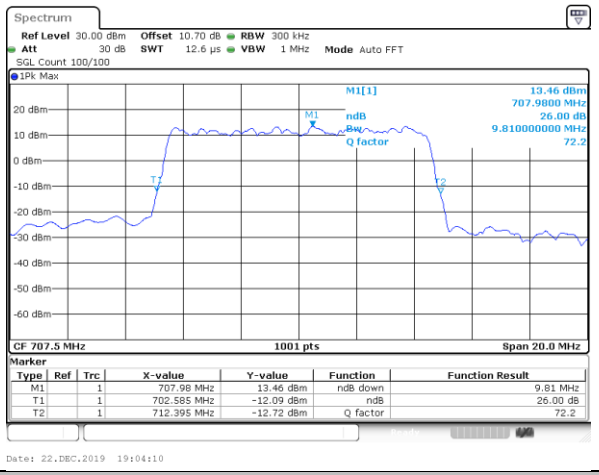
Lowest Channel / 10MHz / 16QAM



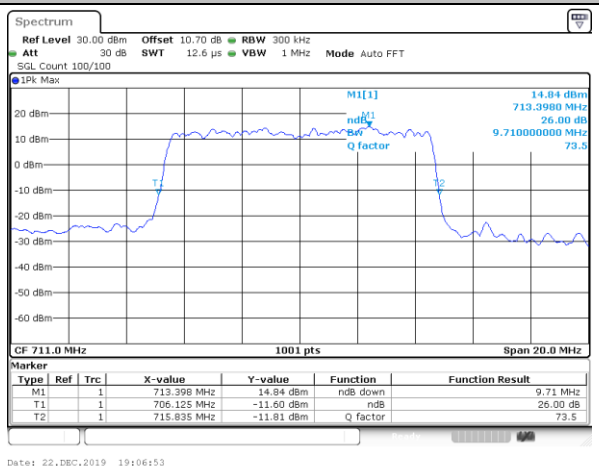
Middle Channel / 10MHz / QPSK



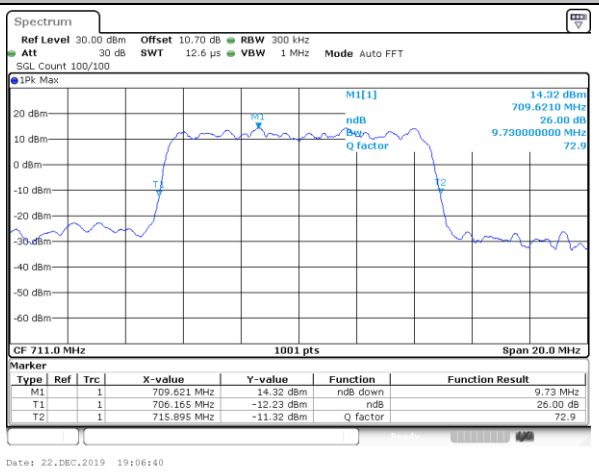
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

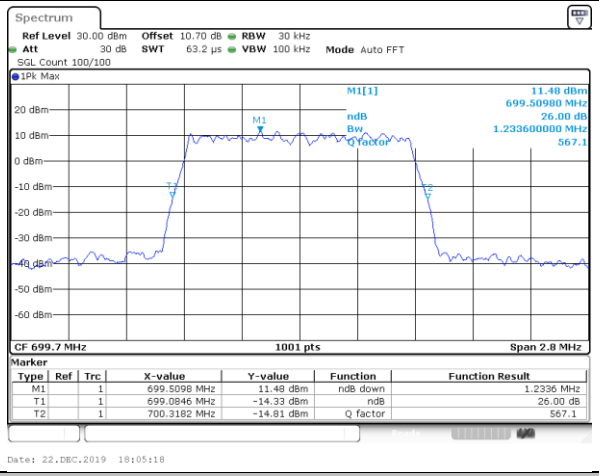


Highest Channel / 10MHz / 16QAM

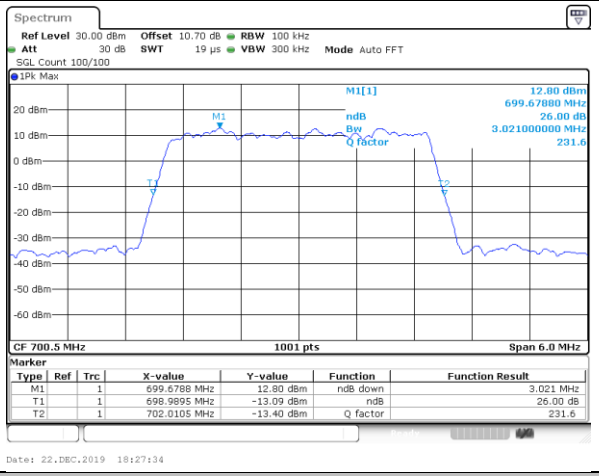


LTE Band 12

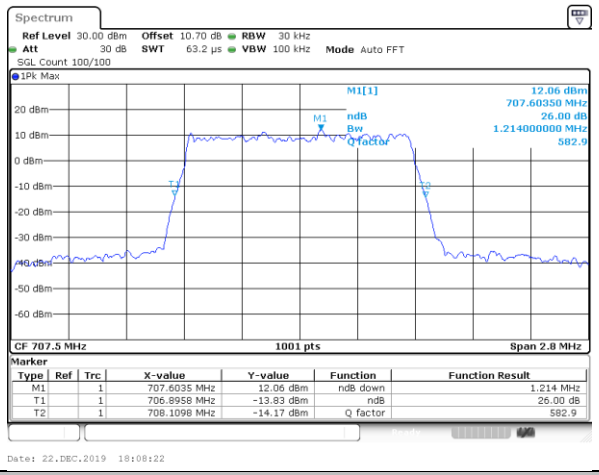
Lowest Channel / 1.4MHz / 64QAM



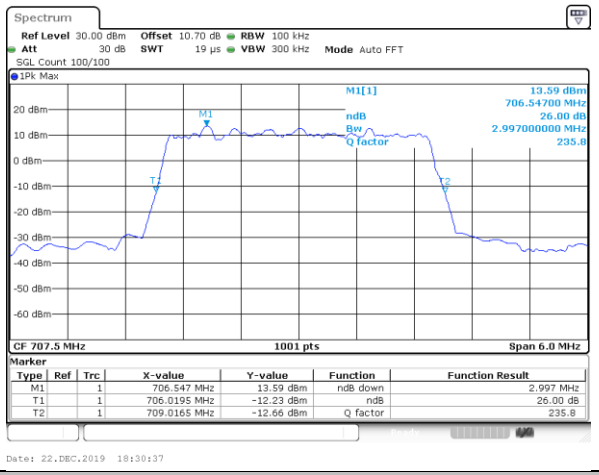
Lowest Channel / 3MHz / 64QAM



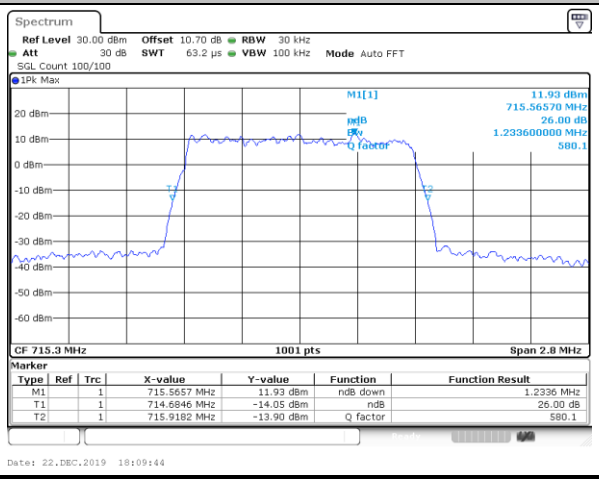
Middle Channel / 1.4MHz / 64QAM



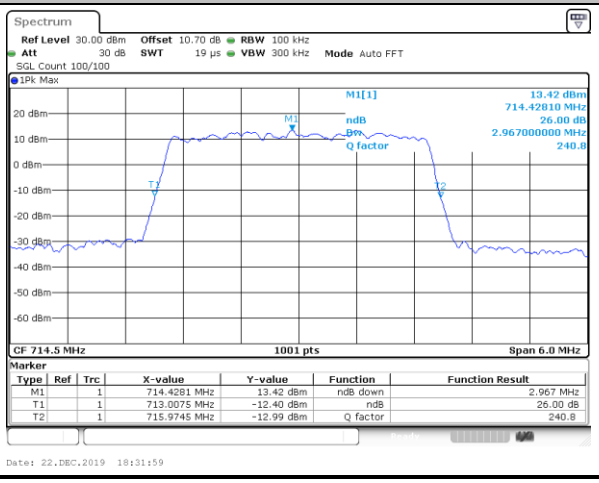
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

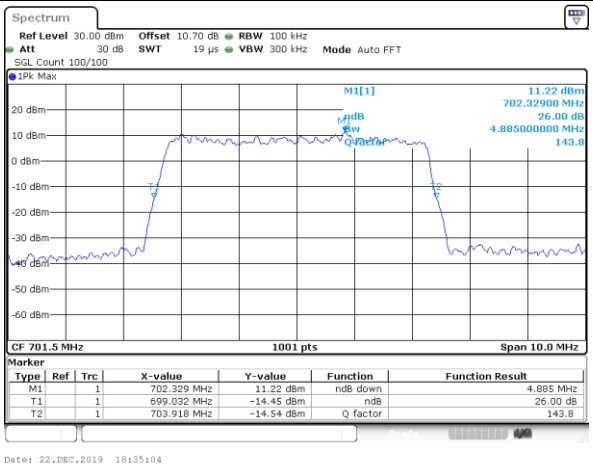


Highest Channel / 3MHz / 64QAM

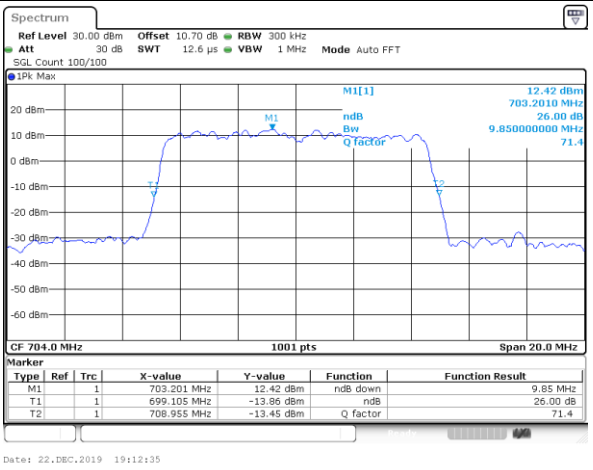


LTE Band 12

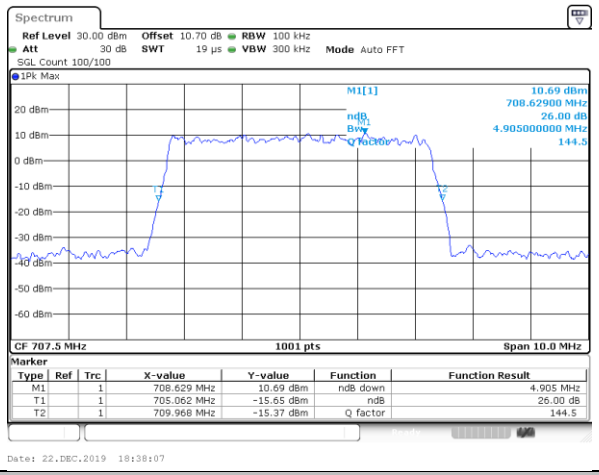
Lowest Channel / 5MHz / 64QAM



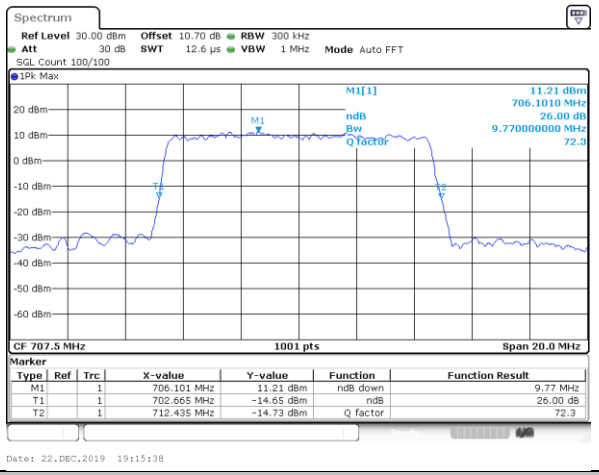
Lowest Channel / 10MHz / 64QAM



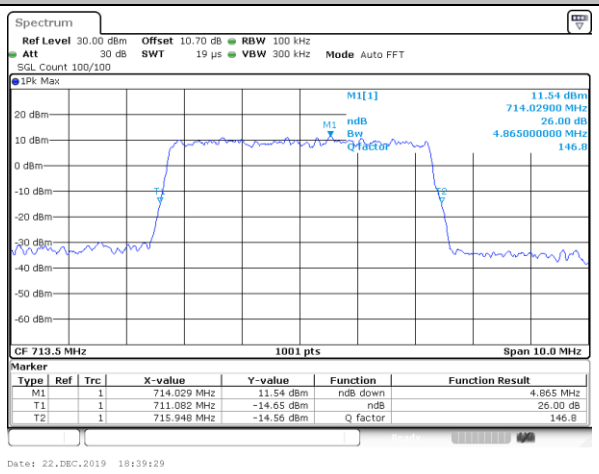
Middle Channel / 5MHz / 64QAM



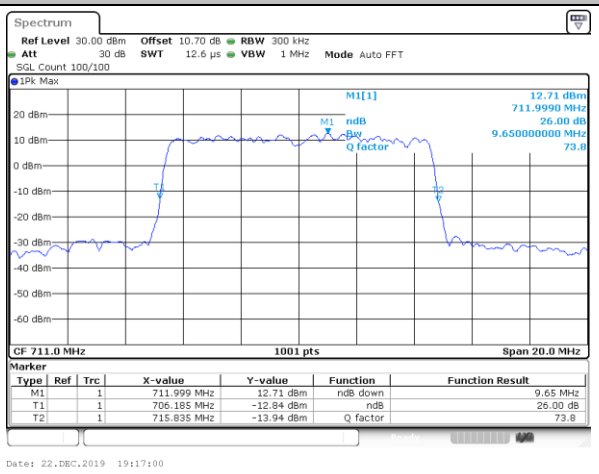
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

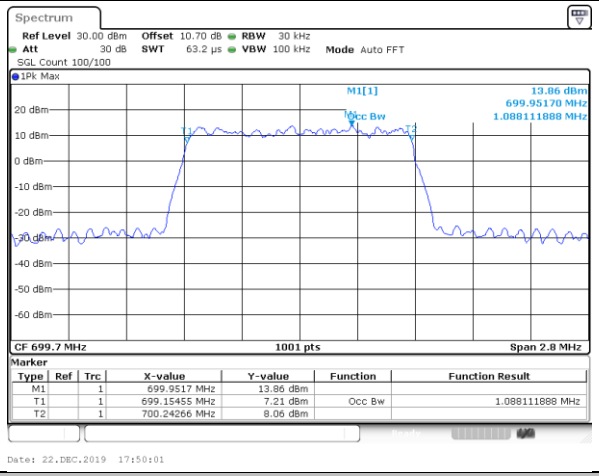


Occupied Bandwidth

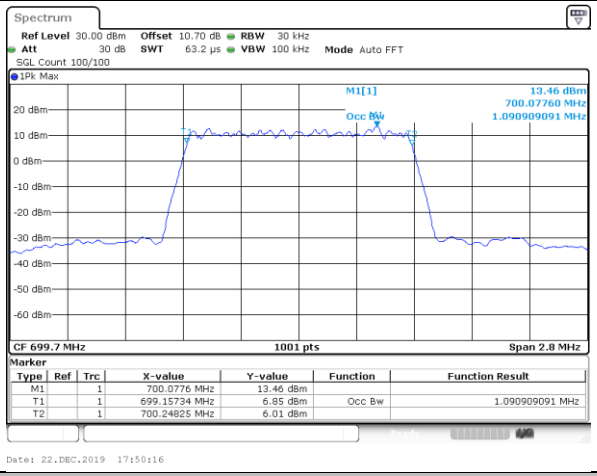
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.49	4.48	9.05	9.01	-	-	-	-
Middle CH	1.09	1.10	2.72	2.73	4.50	4.49	9.07	9.05	-	-	-	-
Highest CH	1.09	1.09	2.71	2.71	4.49	4.47	9.05	8.97	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.08	-	2.72	-	4.48	-	8.99	-	-	-	-	-
Middle CH	1.09	-	2.72	-	4.50	-	9.01	-	-	-	-	-
Highest CH	1.09	-	2.74	-	4.48	-	8.99	-	-	-	-	-

LTE Band 12

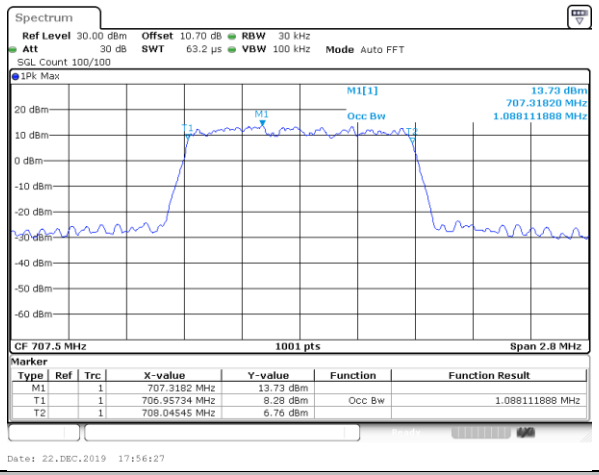
Lowest Channel / 1.4MHz / QPSK



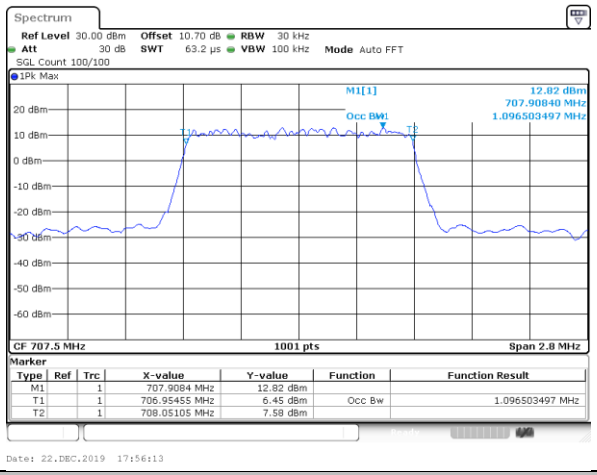
Lowest Channel / 1.4MHz / 16QAM



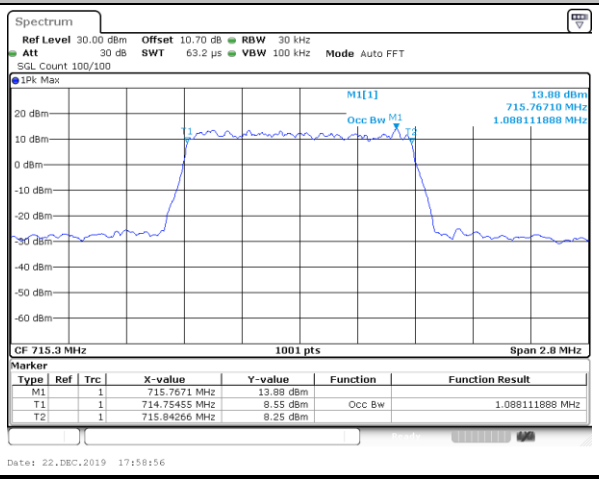
Middle Channel / 1.4MHz / QPSK



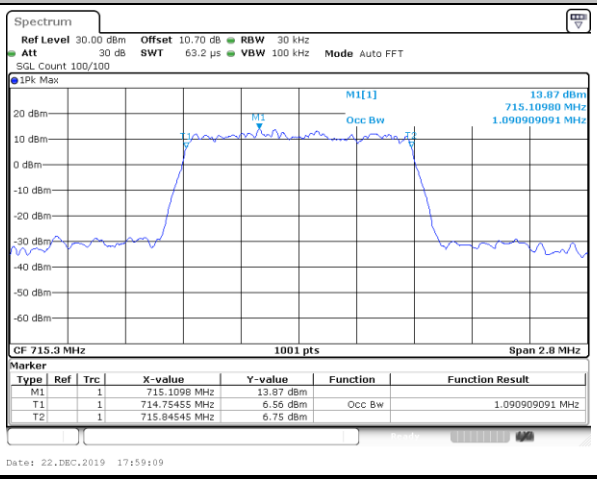
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

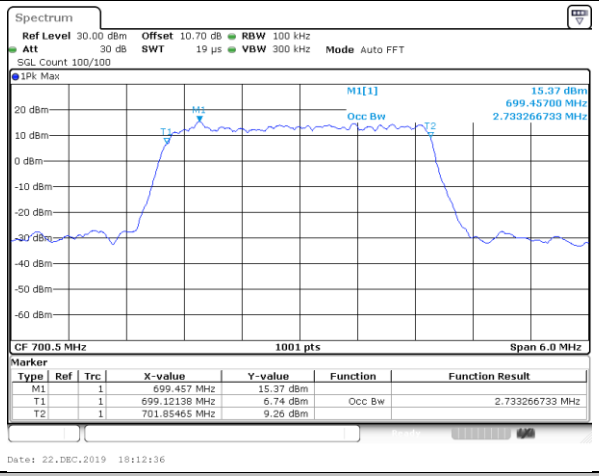


Highest Channel / 1.4MHz / 16QAM

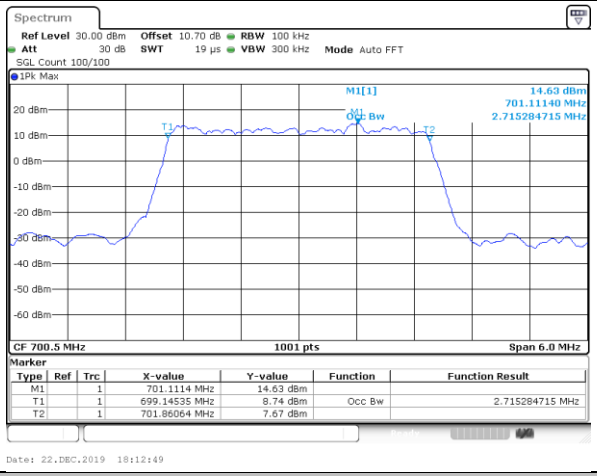


LTE Band 12

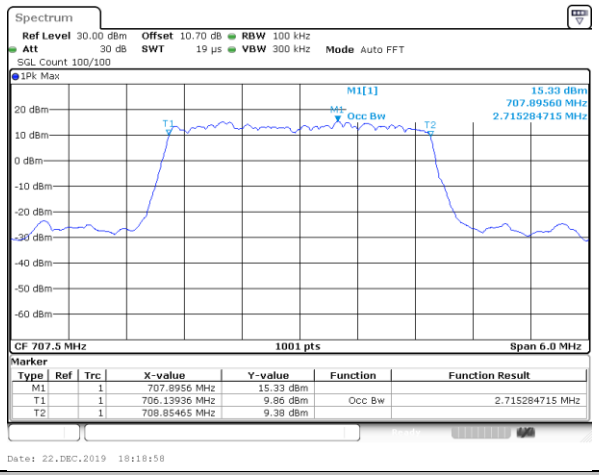
Lowest Channel / 3MHz / QPSK



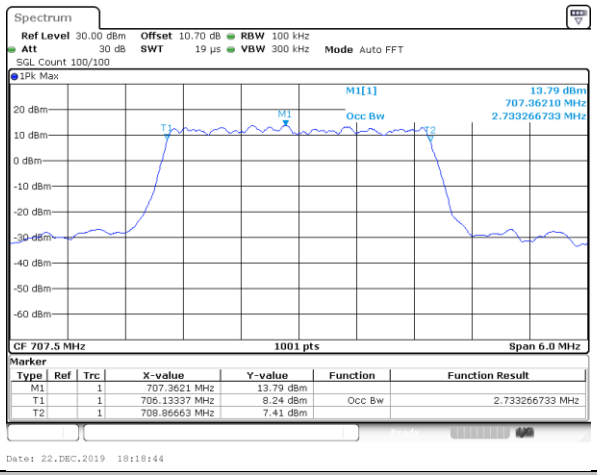
Lowest Channel / 3MHz / 16QAM



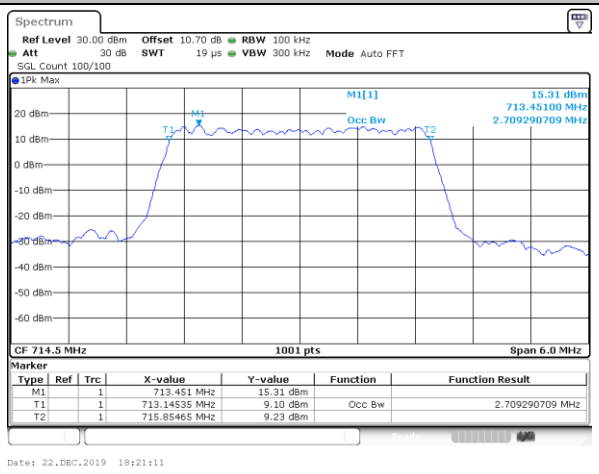
Middle Channel / 3MHz / QPSK



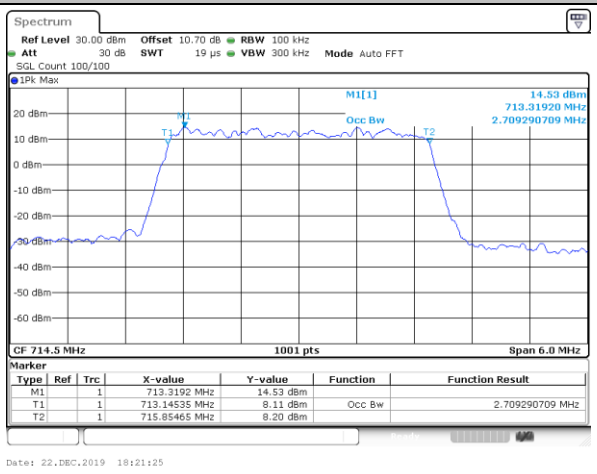
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

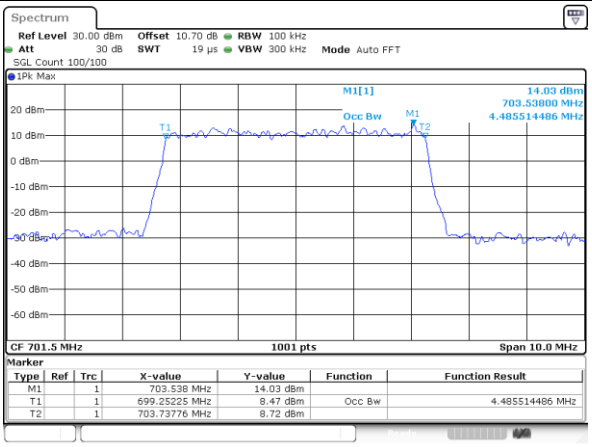


Highest Channel / 3MHz / 16QAM

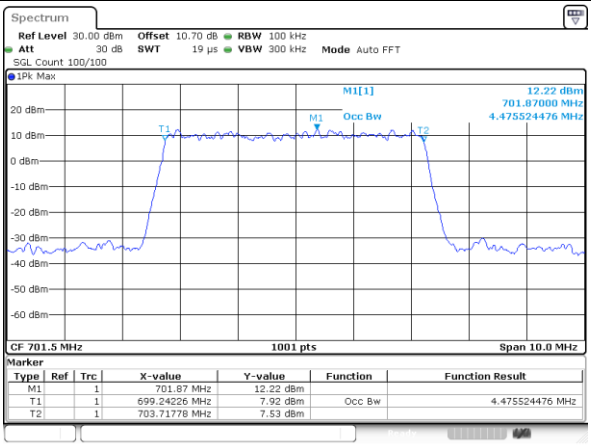


LTE Band 12

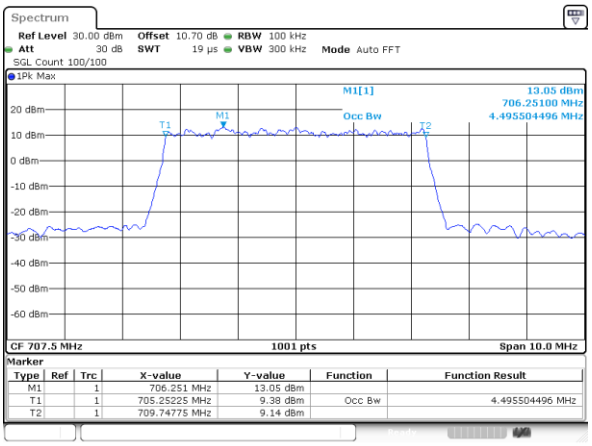
Lowest Channel / 5MHz / QPSK



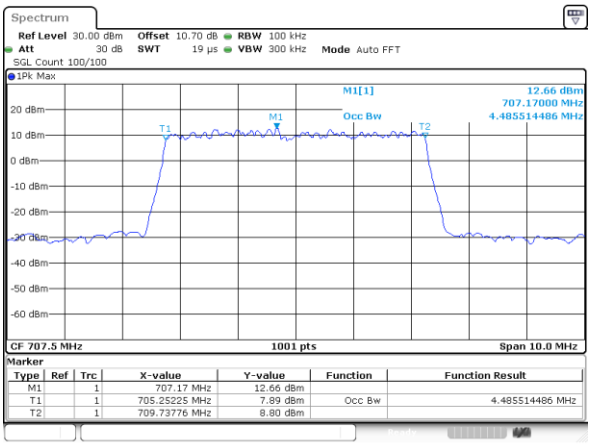
Lowest Channel / 5MHz / 16QAM



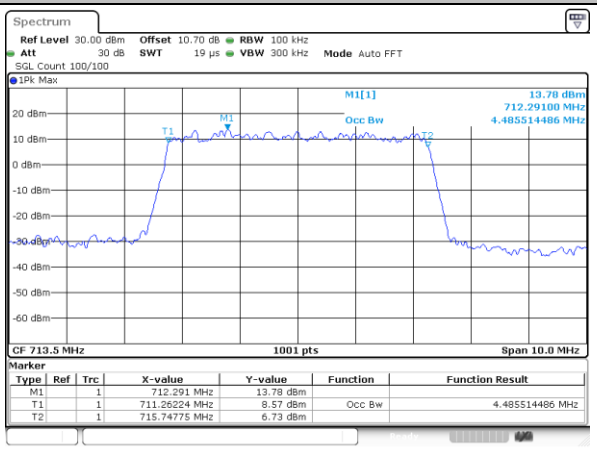
Middle Channel / 5MHz / QPSK



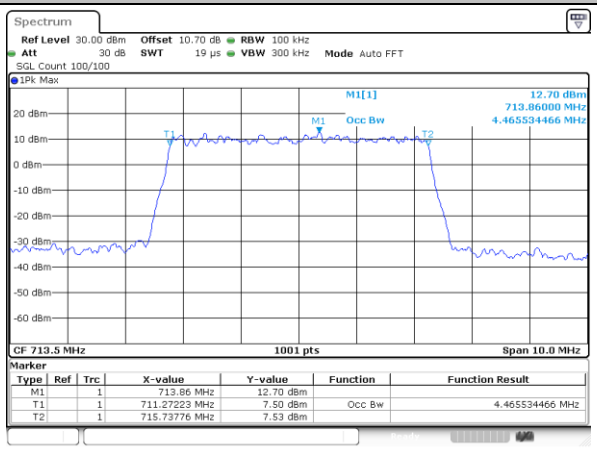
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

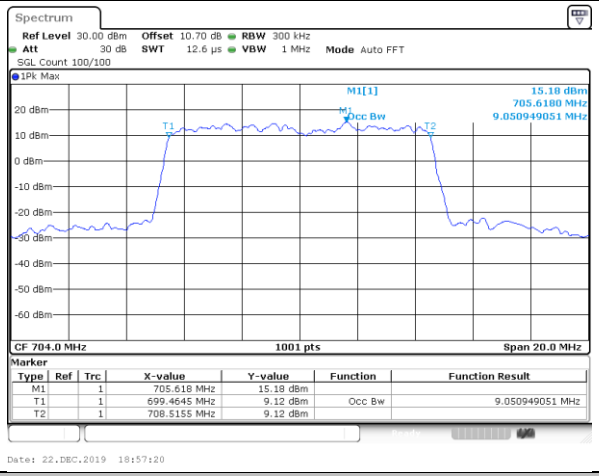


Highest Channel / 5MHz / 16QAM

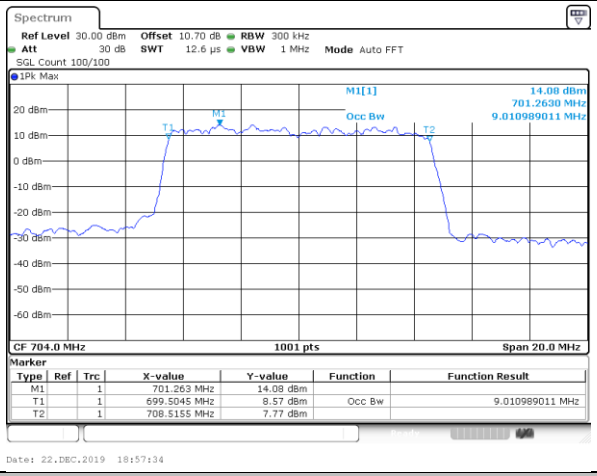


LTE Band 12

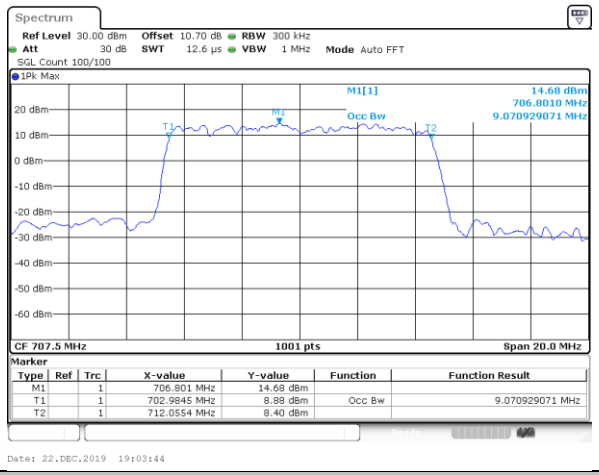
Lowest Channel / 10MHz / QPSK



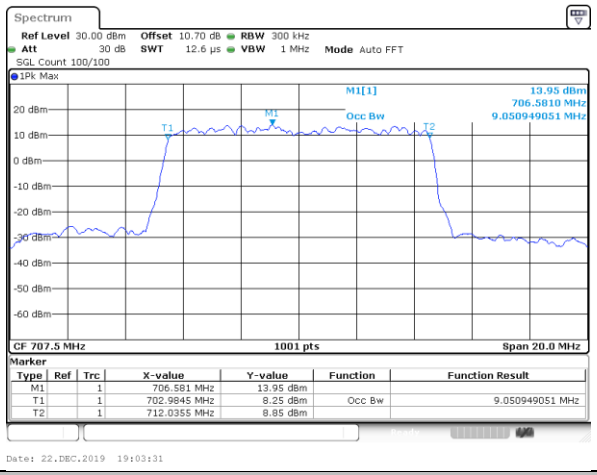
Lowest Channel / 10MHz / 16QAM



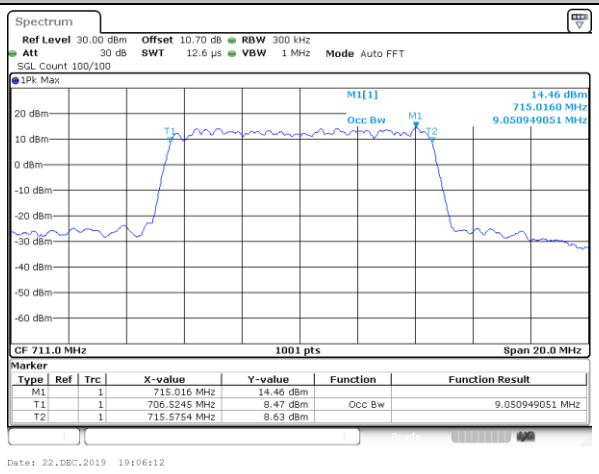
Middle Channel / 10MHz / QPSK



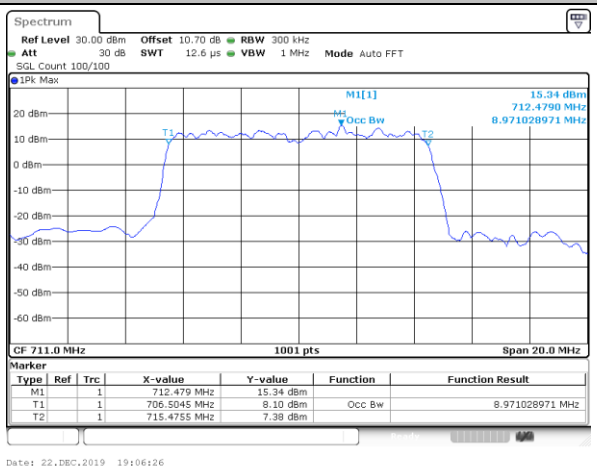
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

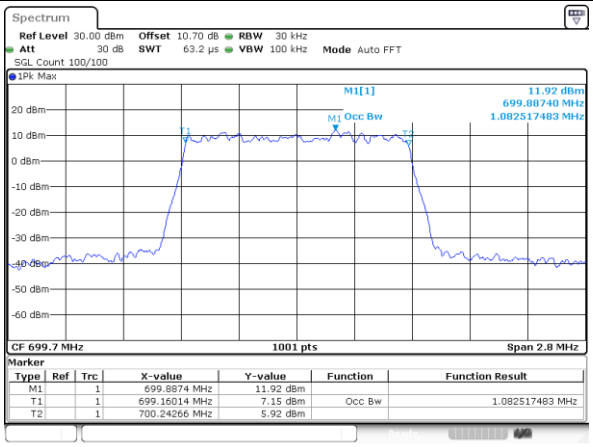


Highest Channel / 10MHz / 16QAM

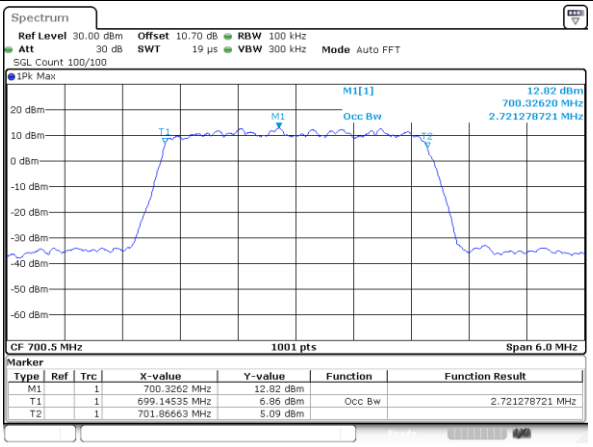


LTE Band 12

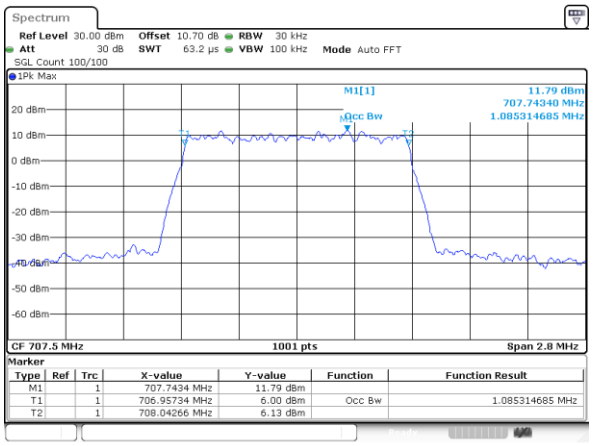
Lowest Channel / 1.4MHz / 64QAM



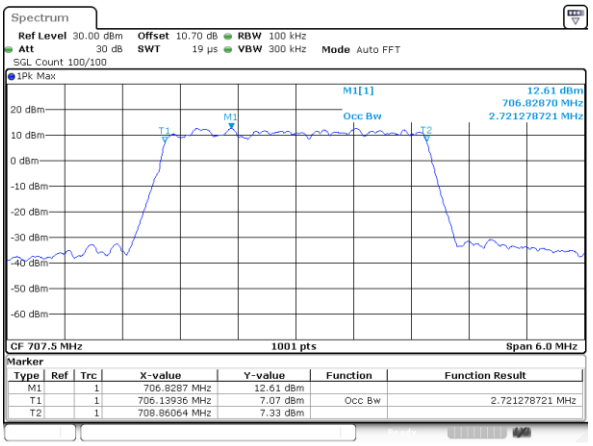
Lowest Channel / 3MHz / 64QAM



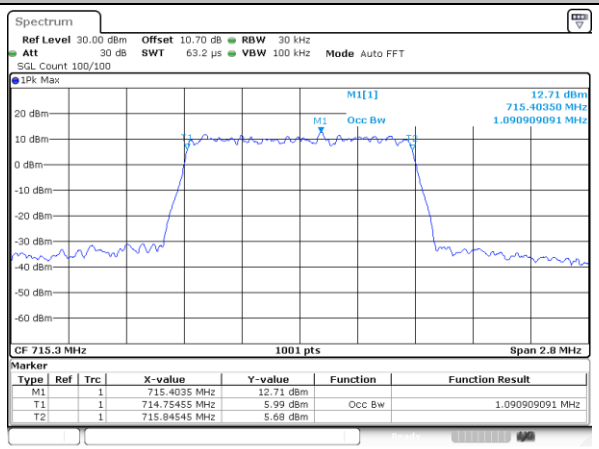
Middle Channel / 1.4MHz / 64QAM



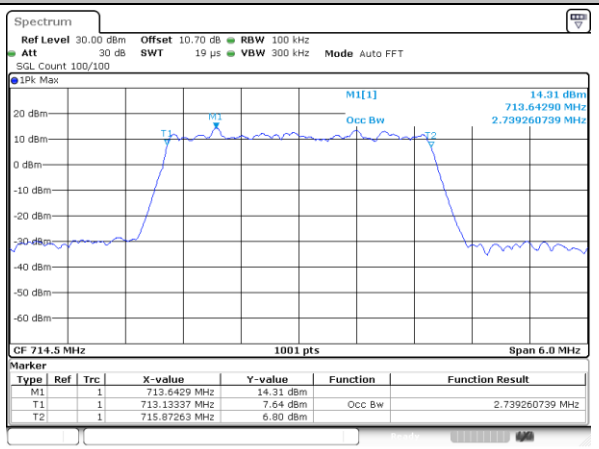
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

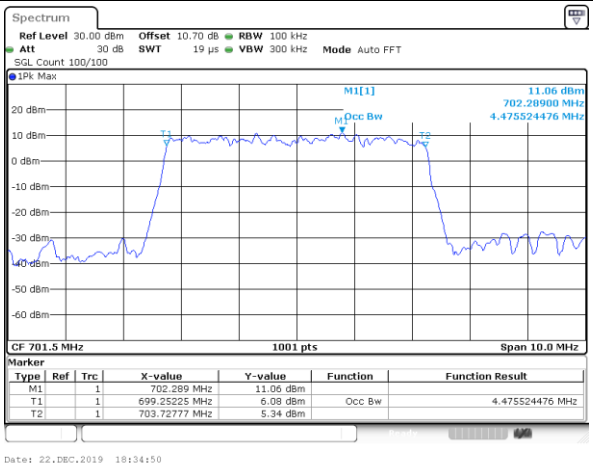


Highest Channel / 3MHz / 64QAM

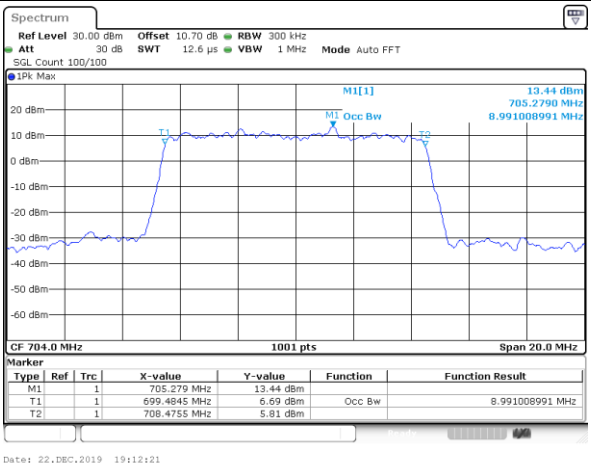


LTE Band 12

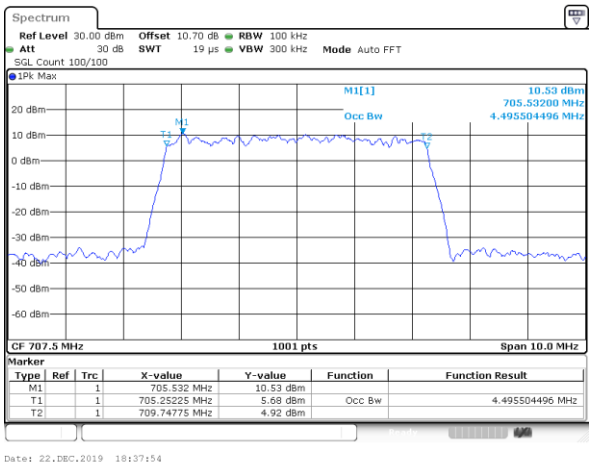
Lowest Channel / 5MHz / 64QAM



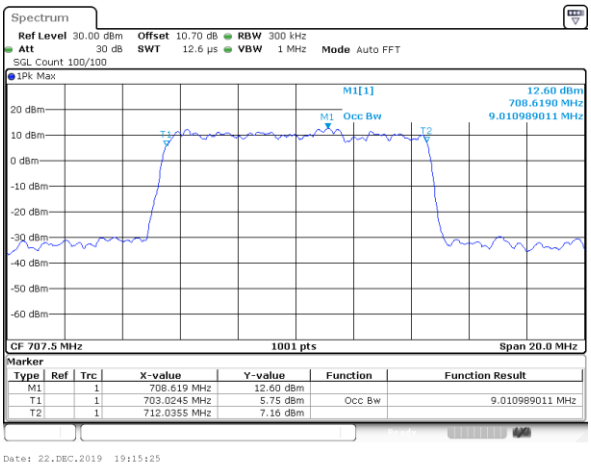
Lowest Channel / 10MHz / 64QAM



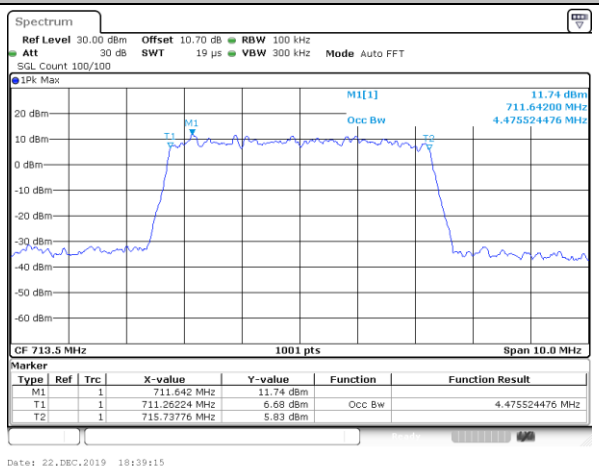
Middle Channel / 5MHz / 64QAM



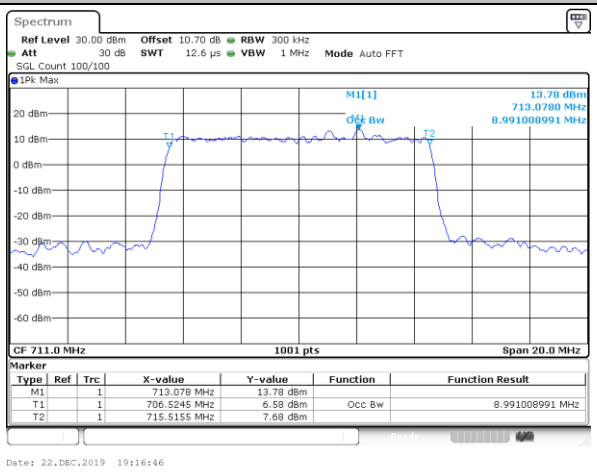
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



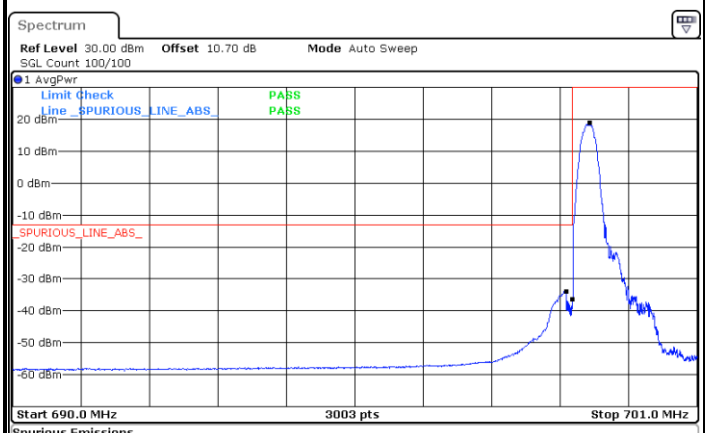
Highest Channel / 10MHz / 64QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB

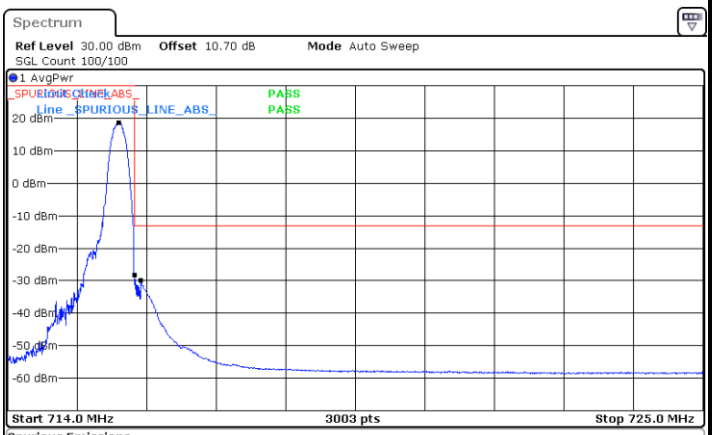


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.84 dBm	-20.84 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-36.36 dBm	-23.36 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26673 MHz	18.77 dBm	-11.23 dB

Date: 22.DEC.2019 17:54:10

Highest Band Edge / 1RB

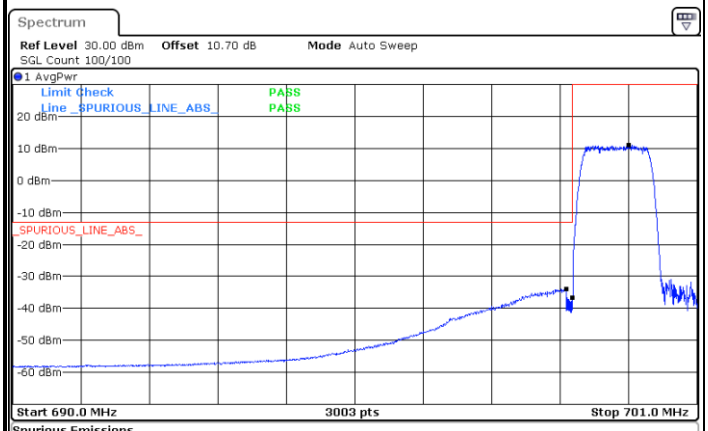


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74925 MHz	18.62 dBm	-11.38 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00225 MHz	-28.34 dBm	-15.34 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.85 dBm	-16.85 dB

Date: 22.DEC.2019 18:03:01

Lowest Band Edge / Full RB

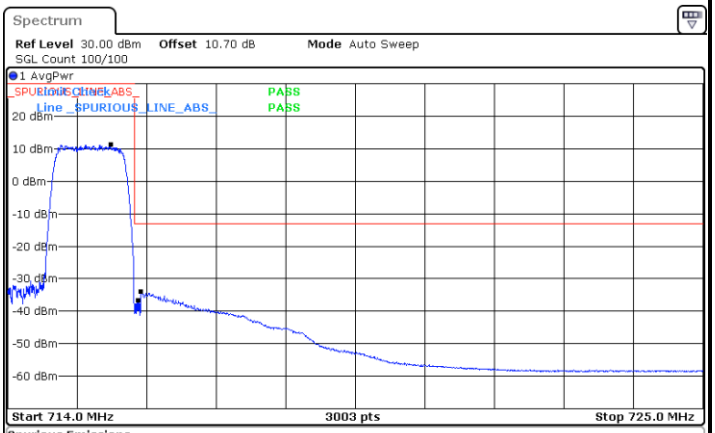


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.99 dBm	-20.99 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99486 MHz	-36.61 dBm	-23.61 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.90210 MHz	11.05 dBm	-18.95 dB

Date: 22.DEC.2019 17:51:36

Highest Band Edge / Full RB



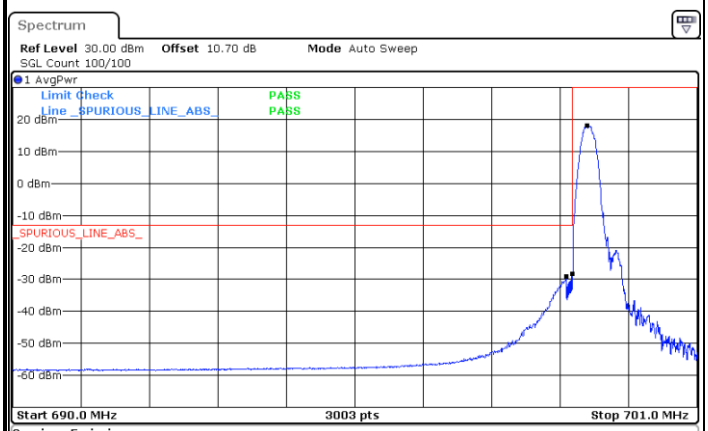
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.62937 MHz	11.18 dBm	-18.82 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.06588 MHz	-36.62 dBm	-23.62 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.93 dBm	-20.93 dB

Date: 22.DEC.2019 18:00:28

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

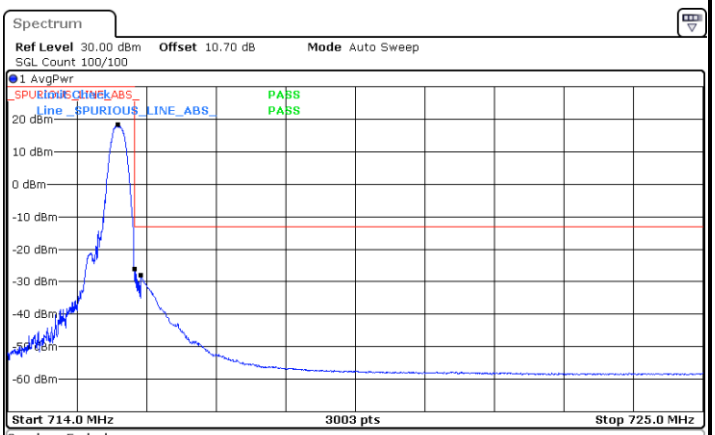


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.14 dBm	-16.14 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99685 MHz	-28.25 dBm	-15.25 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.22677 MHz	18.08 dBm	-11.92 dB

Date: 22.DEC.2019 17:53:19

Highest Band Edge / 1 RB

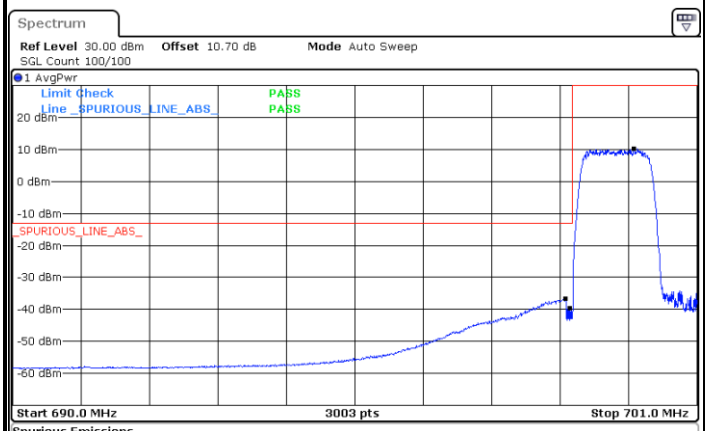


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.74725 MHz	18.35 dBm	-11.65 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00994 MHz	-25.98 dBm	-12.98 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.86 dBm	-14.86 dB

Date: 22.DEC.2019 18:02:10

Lowest Band Edge / Full RB

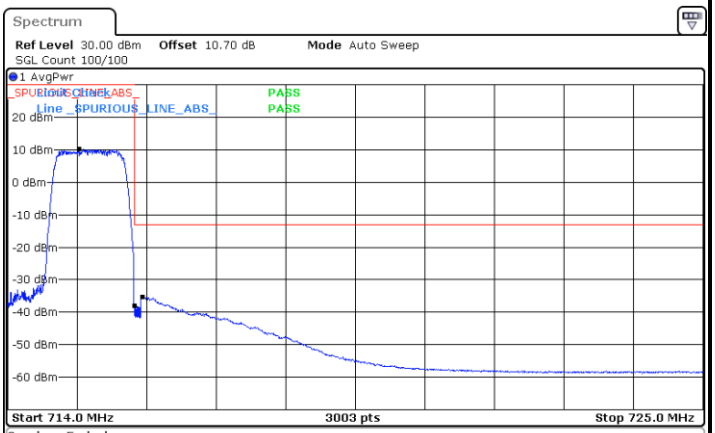


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-36.58 dBm	-23.58 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.95290 MHz	-39.66 dBm	-26.66 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.98402 MHz	10.17 dBm	-19.83 dB

Date: 22.DEC.2019 17:52:28

Highest Band Edge / Full RB



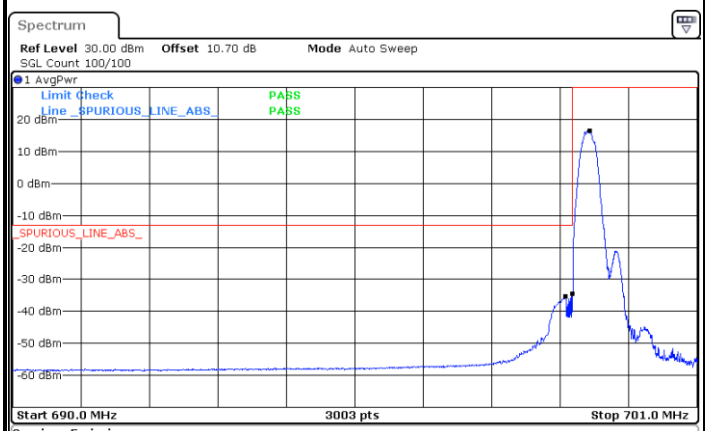
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.12388 MHz	10.31 dBm	-19.69 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00075 MHz	-38.10 dBm	-25.10 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.13112 MHz	-35.21 dBm	-22.21 dB

Date: 22.DEC.2019 18:01:19

LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

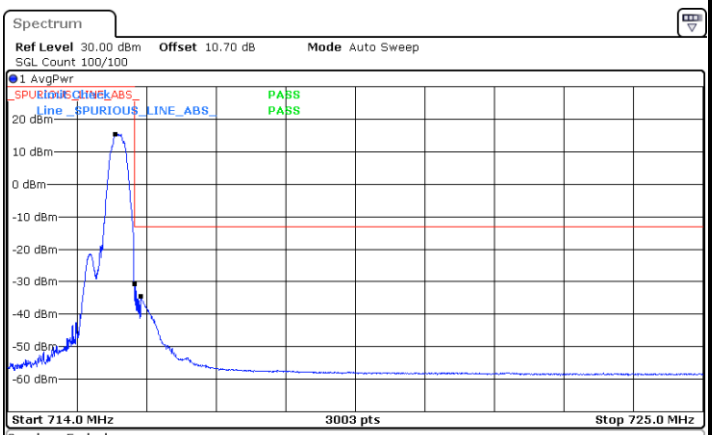


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-35.24 dBm	-22.24 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99725 MHz	-34.53 dBm	-21.53 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26673 MHz	16.54 dBm	-13.46 dB

Date: 22.DEC.2019 18:07:01

Highest Band Edge / 1 RB

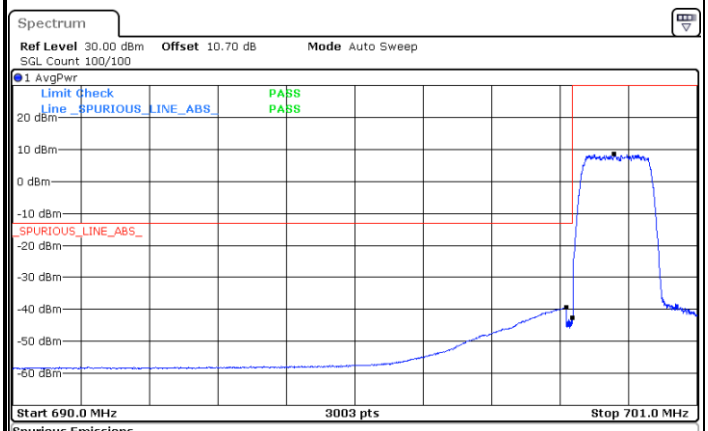


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.69730 MHz	15.46 dBm	-14.54 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00305 MHz	-30.70 dBm	-17.70 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.40 dBm	-21.40 dB

Date: 22.DEC.2019 18:11:27

Lowest Band Edge / Full RB

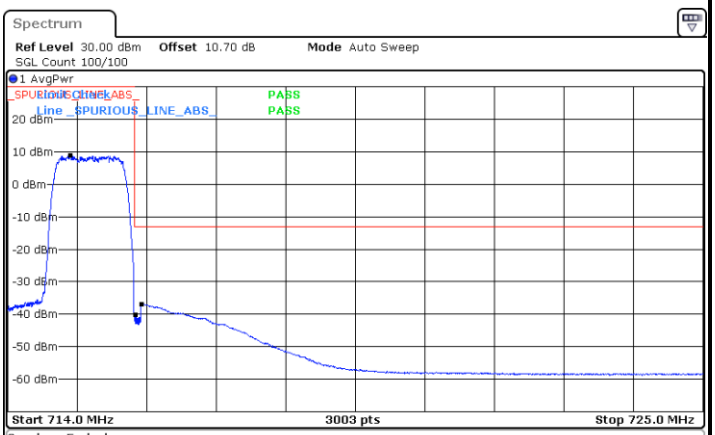


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-39.31 dBm	-26.31 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99805 MHz	-42.56 dBm	-29.56 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.66234 MHz	8.49 dBm	-21.51 dB

Date: 22.DEC.2019 18:06:10

Highest Band Edge / Full RB



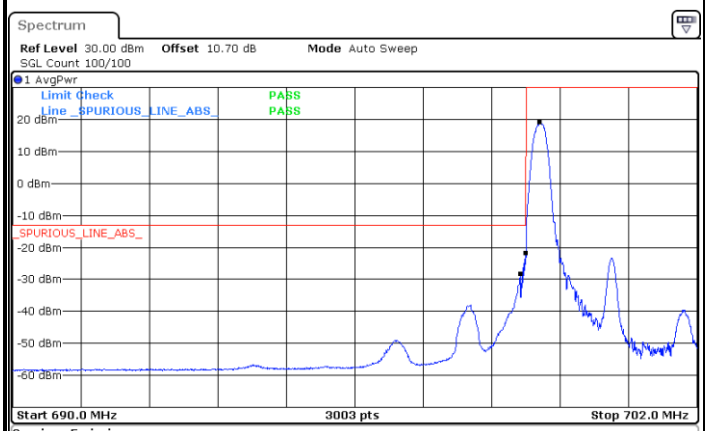
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	714.99600 MHz	8.73 dBm	-21.27 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02283 MHz	-40.18 dBm	-27.18 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-36.83 dBm	-23.83 dB

Date: 22.DEC.2019 18:10:36

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

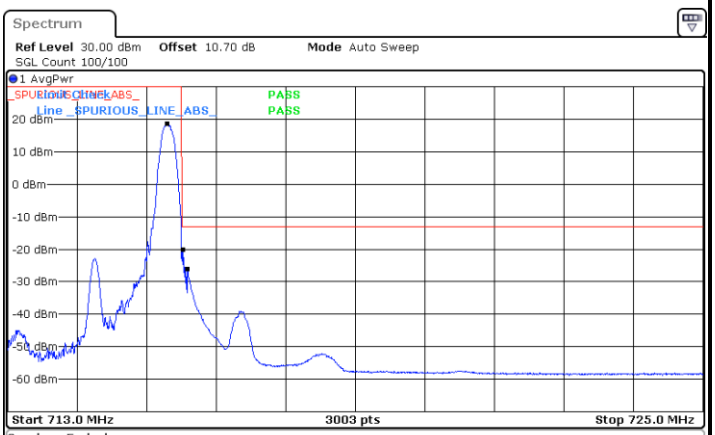


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.34 dBm	-15.34 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99376 MHz	-21.83 dBm	-8.83 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.23826 MHz	19.13 dBm	-10.87 dB

Date: 22.DEC.2019 18:16:41

Highest Band Edge / 1 RB

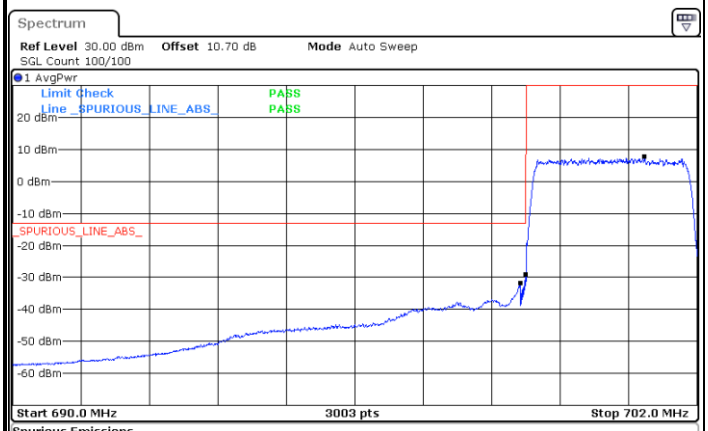


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74376 MHz	18.65 dBm	-11.35 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01663 MHz	-20.18 dBm	-7.18 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.02 dBm	-13.02 dB

Date: 22.DEC.2019 18:25:17

Lowest Band Edge / Full RB

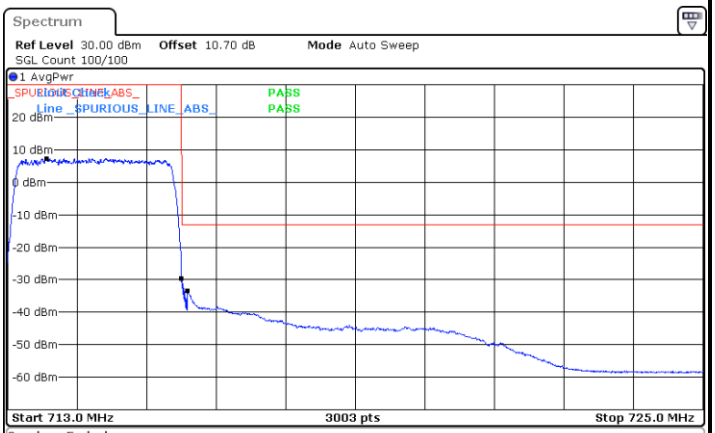


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.90 dBm	-18.90 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99745 MHz	-29.10 dBm	-16.10 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.07842 MHz	7.73 dBm	-22.27 dB

Date: 22.DEC.2019 18:14:08

Highest Band Edge / Full RB



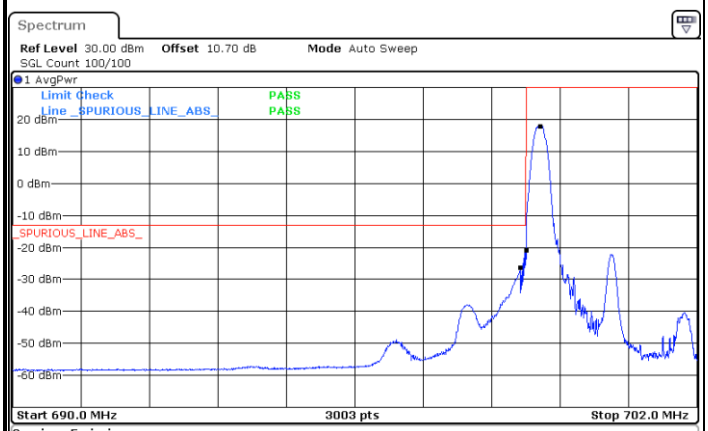
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.67283 MHz	7.33 dBm	-22.67 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00035 MHz	-29.66 dBm	-16.66 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.33 dBm	-20.33 dB

Date: 22.DEC.2019 18:22:43

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

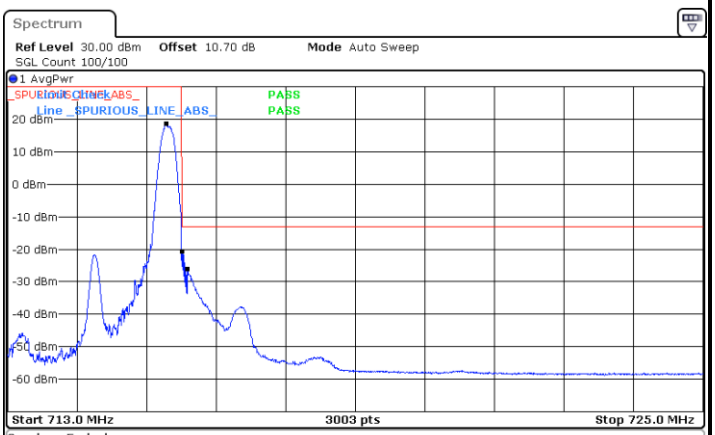


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-26.41 dBm	-13.41 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99905 MHz	-21.06 dBm	-8.06 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.25025 MHz	17.84 dBm	-12.16 dB

Date: 22.DEC.2019 18:15:50

Highest Band Edge / 1 RB

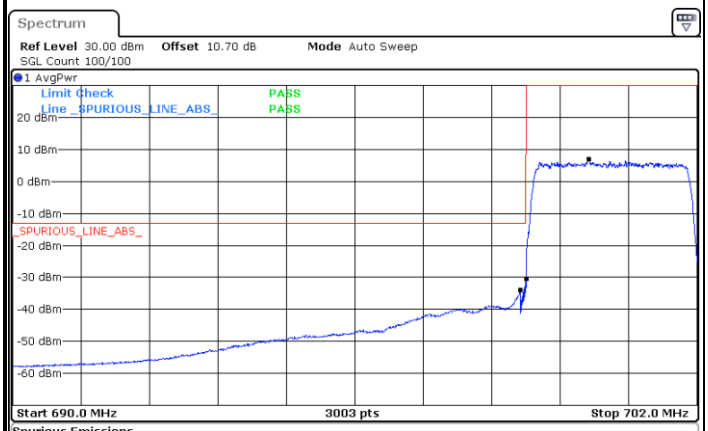


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.72877 MHz	18.51 dBm	-11.49 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00285 MHz	-20.78 dBm	-7.78 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-26.12 dBm	-13.12 dB

Date: 22.DEC.2019 18:24:26

Lowest Band Edge / Full RB

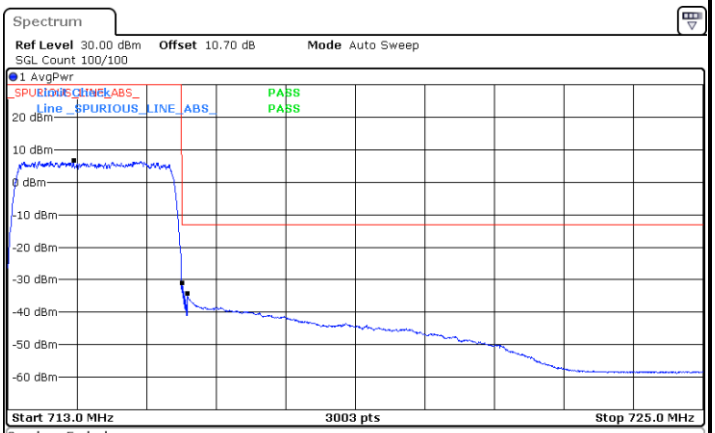


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.85 dBm	-20.85 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-30.45 dBm	-17.45 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.10440 MHz	6.88 dBm	-23.12 dB

Date: 22.DEC.2019 18:14:59

Highest Band Edge / Full RB



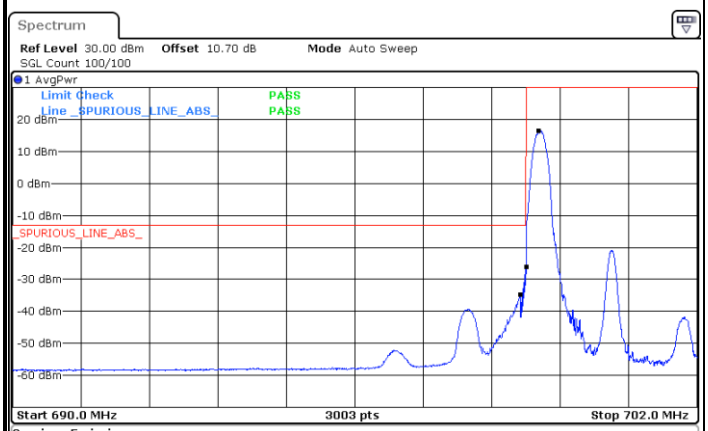
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	714.13736 MHz	6.61 dBm	-23.39 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00864 MHz	-31.07 dBm	-18.07 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.28 dBm	-21.28 dB

Date: 22.DEC.2019 18:23:34

LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

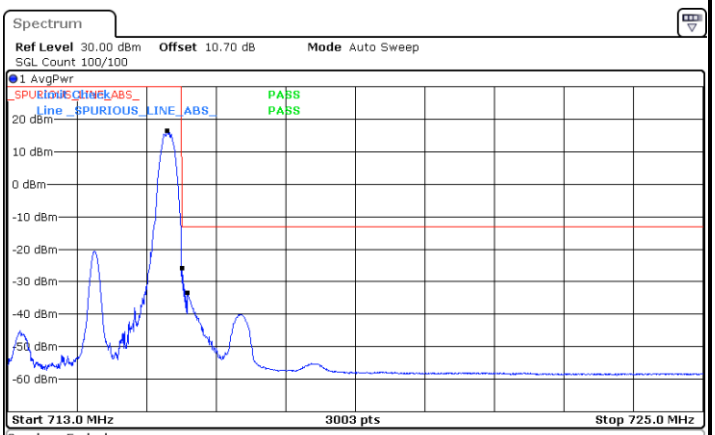


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-34.77 dBm	-21.77 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-26.06 dBm	-13.06 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.22028 MHz	16.46 dBm	-13.54 dB

Date: 22.DEC.2019 18:29:16

Highest Band Edge / 1 RB

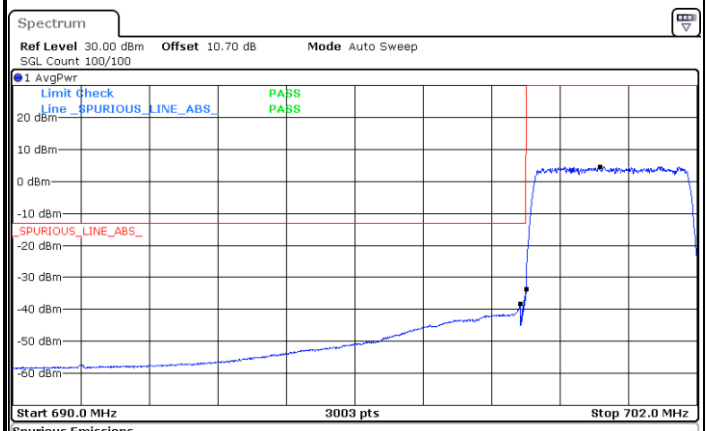


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.74975 MHz	16.35 dBm	-13.65 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00245 MHz	-25.82 dBm	-12.82 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.53 dBm	-20.53 dB

Date: 22.DEC.2019 18:33:41

Lowest Band Edge / Full RB

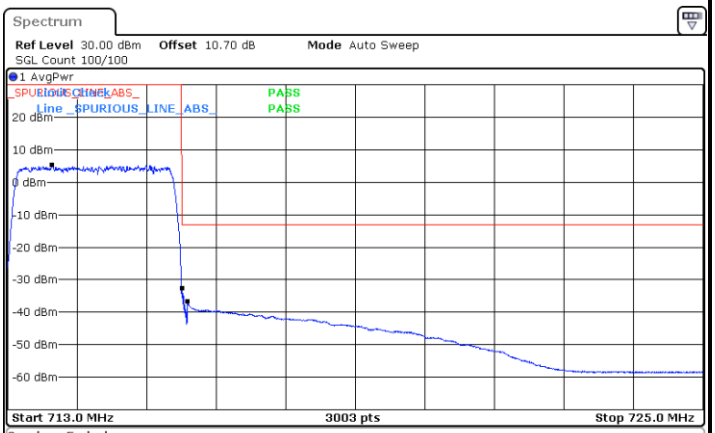


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-38.28 dBm	-25.28 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-33.64 dBm	-20.64 dB
699.000 MHz	702.000 MHz	100.000 kHz	700.29321 MHz	4.62 dBm	-25.38 dB

Date: 22.DEC.2019 18:28:25

Highest Band Edge / Full RB



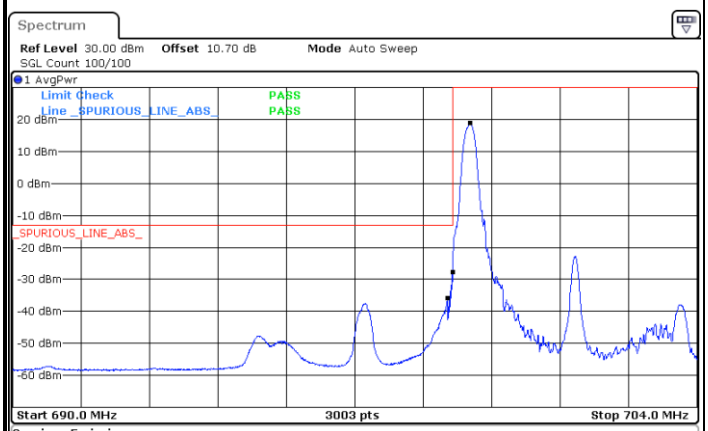
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.76573 MHz	5.39 dBm	-24.61 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00145 MHz	-32.60 dBm	-19.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.76 dBm	-23.76 dB

Date: 22.DEC.2019 18:32:50

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

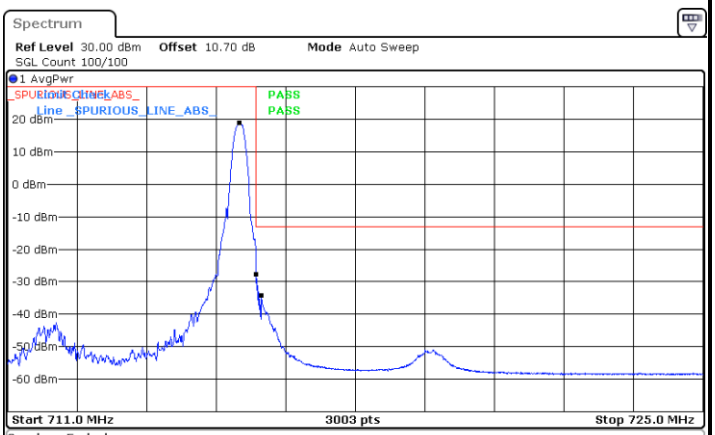


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-35.73 dBm	-22.73 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99795 MHz	-27.85 dBm	-14.85 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.35215 MHz	18.91 dBm	-11.09 dB

Date: 22.DEC.2019 18:46:26

Highest Band Edge / 1 RB

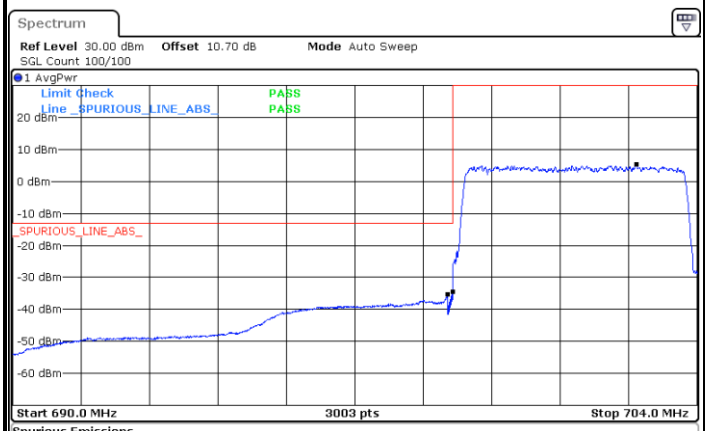


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66783 MHz	19.02 dBm	-10.98 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00015 MHz	-27.62 dBm	-14.62 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.16 dBm	-21.16 dB

Date: 22.DEC.2019 18:54:25

Lowest Band Edge / Full RB

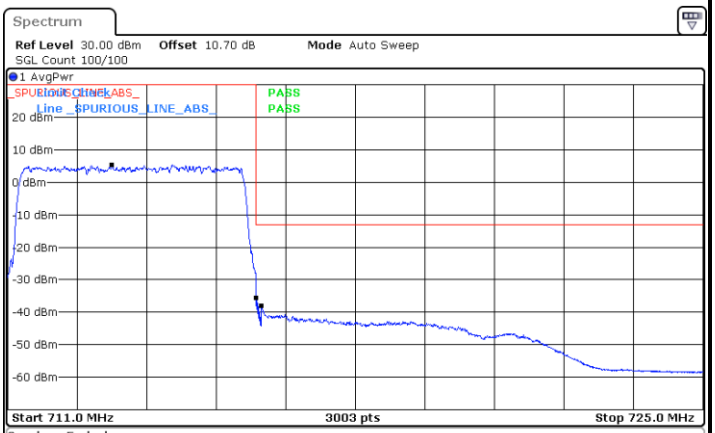


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-35.43 dBm	-22.43 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99755 MHz	-34.59 dBm	-21.59 dB
699.000 MHz	704.000 MHz	100.000 kHz	702.75375 MHz	5.38 dBm	-24.62 dB

Date: 22.DEC.2019 18:43:52

Highest Band Edge / Full RB



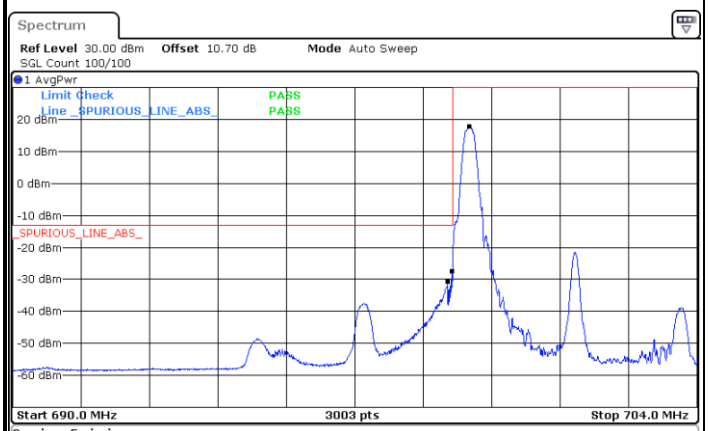
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.10040 MHz	5.30 dBm	-24.70 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00095 MHz	-35.65 dBm	-22.65 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-38.11 dBm	-25.11 dB

Date: 22.DEC.2019 18:52:43

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

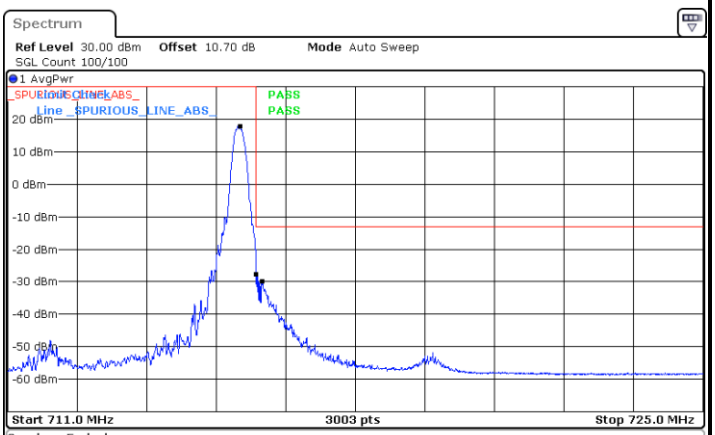


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.74 dBm	-17.74 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99106 MHz	-27.55 dBm	-14.55 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.34216 MHz	17.85 dBm	-12.15 dB

Date: 22.DEC.2019 18:45:35

Highest Band Edge / 1 RB

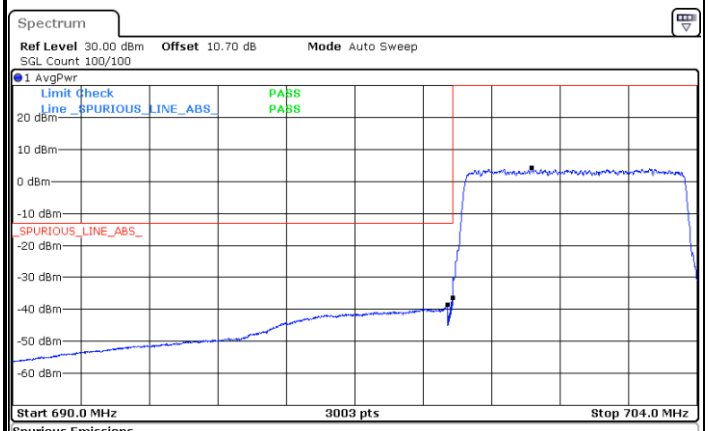


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67782 MHz	17.83 dBm	-12.17 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00425 MHz	-27.69 dBm	-14.69 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-29.82 dBm	-16.82 dB

Date: 22.DEC.2019 18:55:16

Lowest Band Edge / Full RB

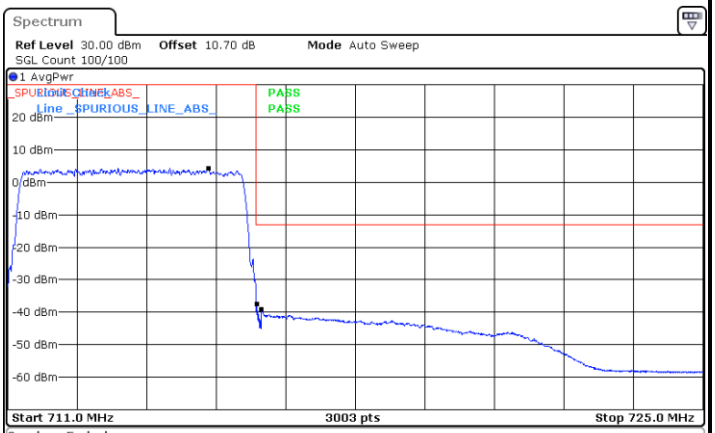


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-38.57 dBm	-25.57 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99625 MHz	-36.53 dBm	-23.53 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.61588 MHz	4.29 dBm	-25.71 dB

Date: 22.DEC.2019 18:44:44

Highest Band Edge / Full RB



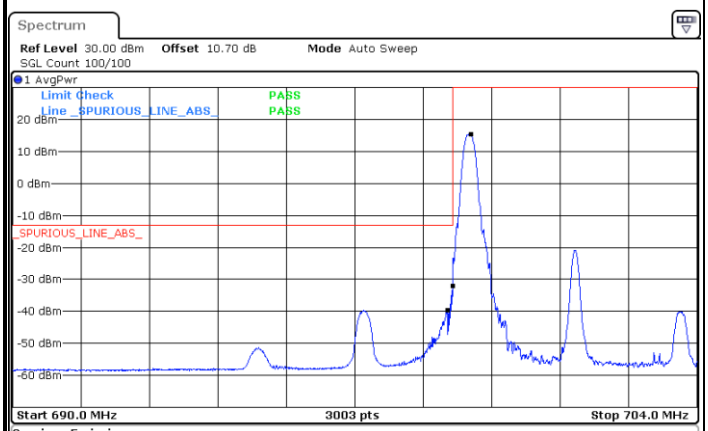
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.03347 MHz	4.26 dBm	-25.74 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00734 MHz	-37.45 dBm	-24.45 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.15 dBm	-26.15 dB

Date: 22.DEC.2019 18:53:34

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB

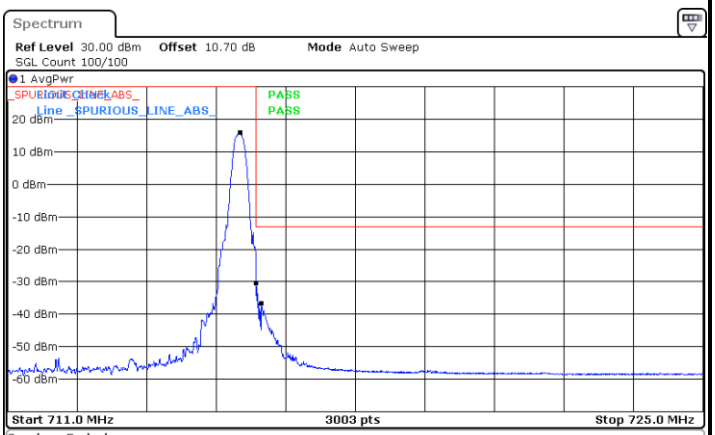


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-39.60 dBm	-26.60 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-31.93 dBm	-18.93 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.37712 MHz	15.50 dBm	-14.50 dB

Date: 22.DEC.2019 18:36:46

Highest Band Edge / 1 RB

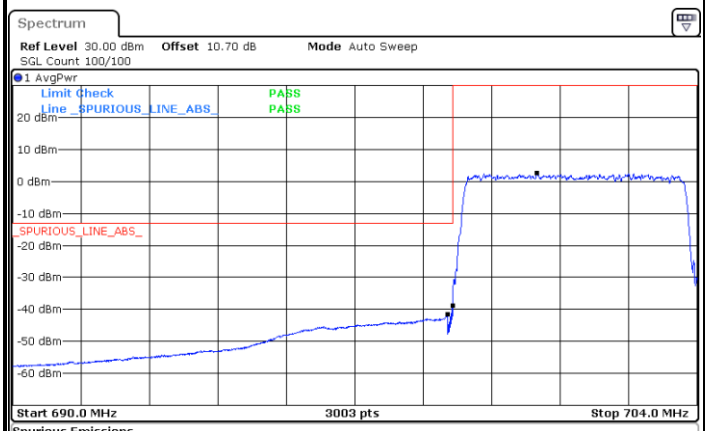


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.68282 MHz	15.90 dBm	-14.10 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-30.51 dBm	-17.51 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.79 dBm	-23.79 dB

Date: 22.DEC.2019 18:41:11

Lowest Band Edge / Full RB

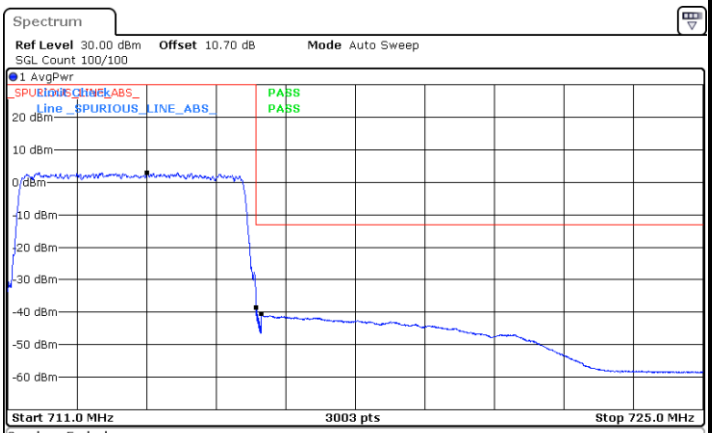


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-41.56 dBm	-28.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-38.78 dBm	-25.78 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.72078 MHz	2.50 dBm	-27.50 dB

Date: 22.DEC.2019 18:35:55

Highest Band Edge / Full RB



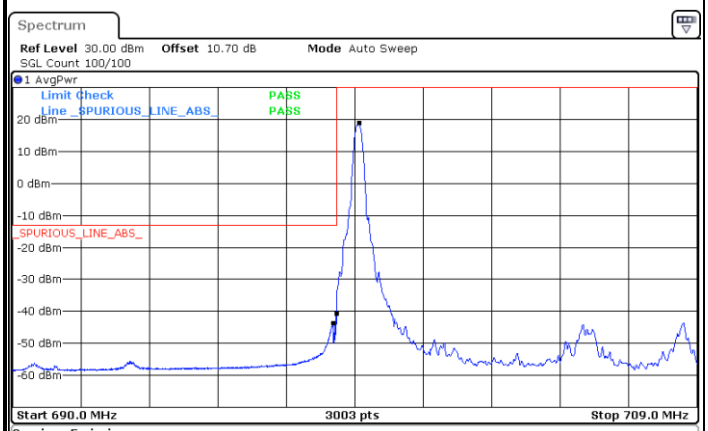
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.80470 MHz	2.92 dBm	-27.08 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00295 MHz	-38.46 dBm	-25.46 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.50 dBm	-27.50 dB

Date: 22.DEC.2019 18:40:20

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

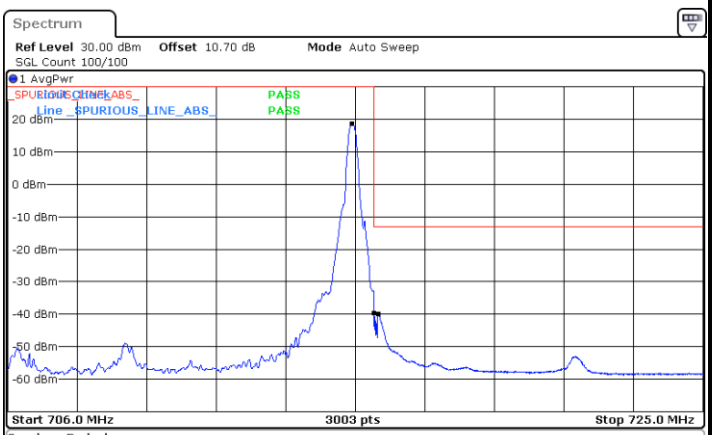


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-43.67 dBm	-30.67 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99565 MHz	-40.67 dBm	-27.67 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.61439 MHz	18.84 dBm	-11.16 dB

Date: 22.DEC.2019 19:01:27

Highest Band Edge / 1 RB

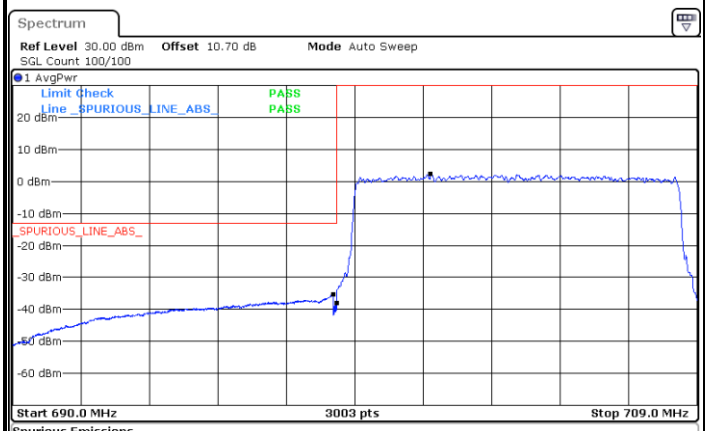


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.41558 MHz	18.50 dBm	-11.50 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00435 MHz	-39.73 dBm	-26.73 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-39.88 dBm	-26.88 dB

Date: 22.DEC.2019 19:10:18

Lowest Band Edge / Full RB

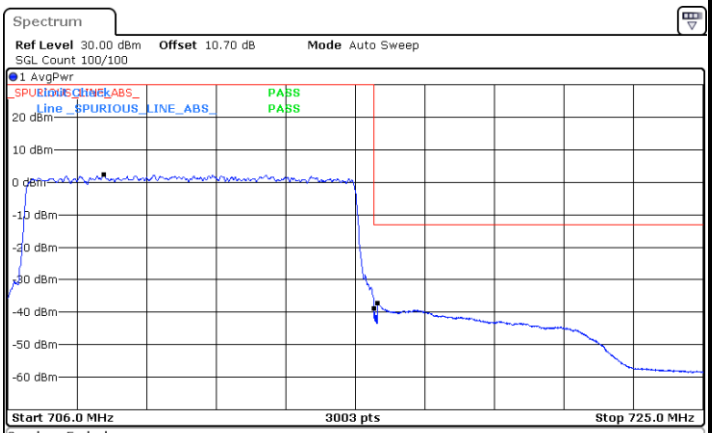


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-35.26 dBm	-22.26 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99815 MHz	-37.97 dBm	-24.97 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.60240 MHz	2.23 dBm	-27.77 dB

Date: 22.DEC.2019 18:58:53

Highest Band Edge / Full RB



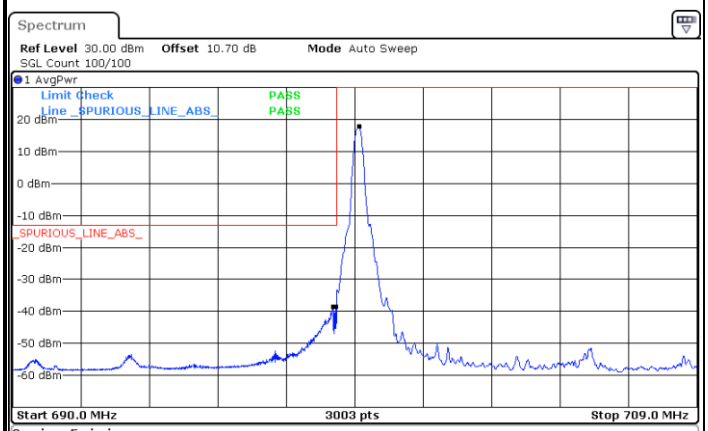
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.61239 MHz	2.34 dBm	-27.66 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00405 MHz	-38.78 dBm	-25.78 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-37.23 dBm	-24.23 dB

Date: 22.DEC.2019 19:07:45

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

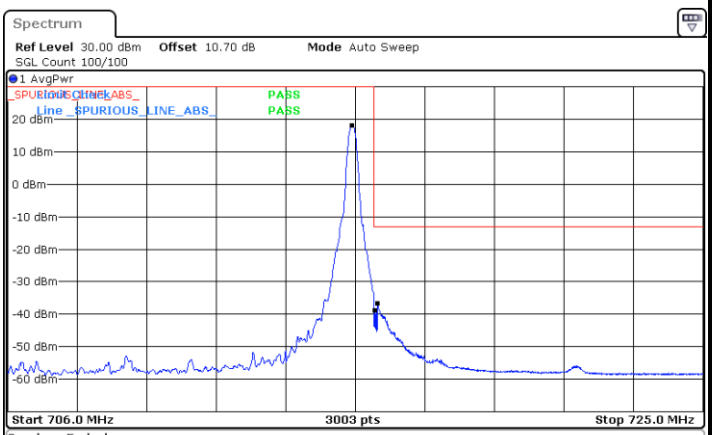


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-38.56 dBm	-25.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.97857 MHz	-38.58 dBm	-25.58 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.61439 MHz	17.92 dBm	-12.08 dB

Date: 22.DEC.2019 19:00:35

Highest Band Edge / 1 RB

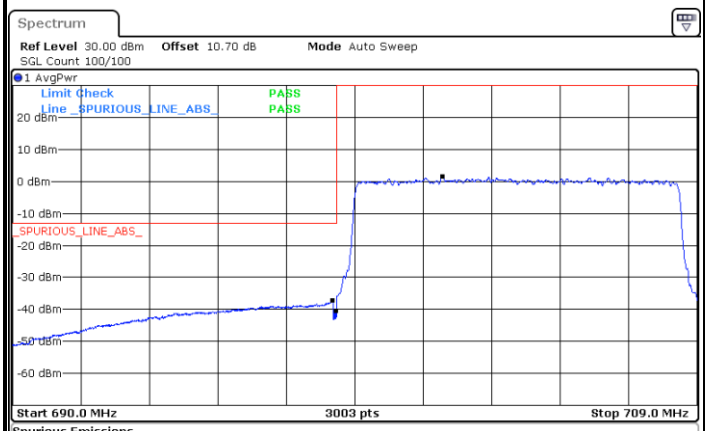


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.39560 MHz	17.98 dBm	-12.02 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.03641 MHz	-38.88 dBm	-25.88 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-36.76 dBm	-23.76 dB

Date: 22.DEC.2019 19:09:27

Lowest Band Edge / Full RB

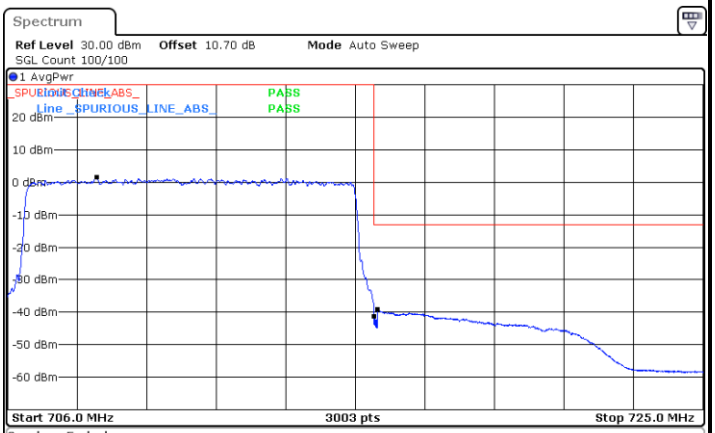


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-37.14 dBm	-24.14 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96938 MHz	-40.39 dBm	-27.39 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.92208 MHz	1.50 dBm	-28.50 dB

Date: 22.DEC.2019 18:59:44

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.42258 MHz	1.46 dBm	-28.54 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00395 MHz	-41.31 dBm	-28.31 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.05 dBm	-26.05 dB

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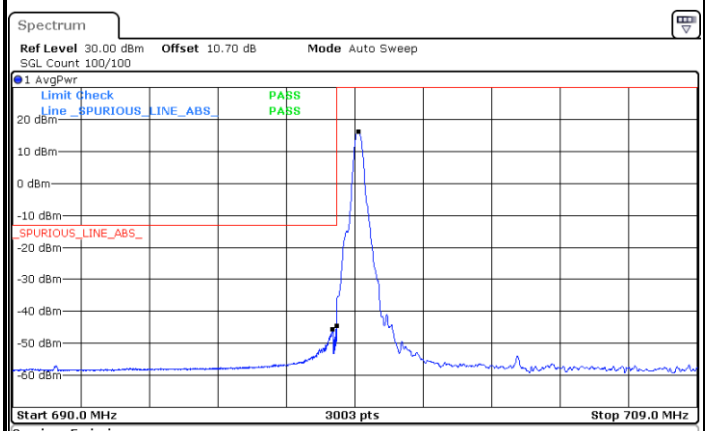
LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-45.65 dBm	-32.65 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99955 MHz	-44.59 dBm	-31.59 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	16.29 dBm	-13.71 dB

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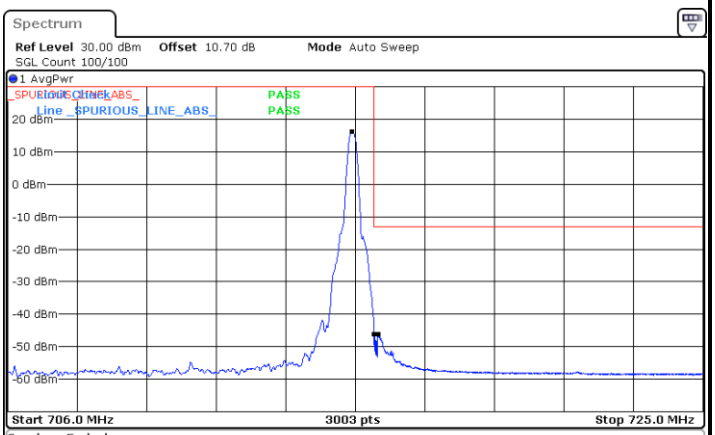
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.39560 MHz	16.12 dBm	-13.88 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00984 MHz	-46.15 dBm	-33.15 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-46.22 dBm	-33.22 dB

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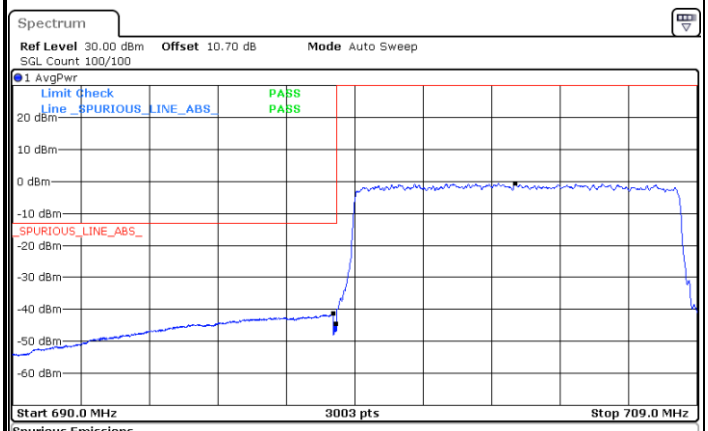
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-41.38 dBm	-28.38 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.98267 MHz	-44.48 dBm	-31.48 dB
699.000 MHz	709.000 MHz	100.000 kHz	703.95005 MHz	-0.75 dBm	-30.75 dB

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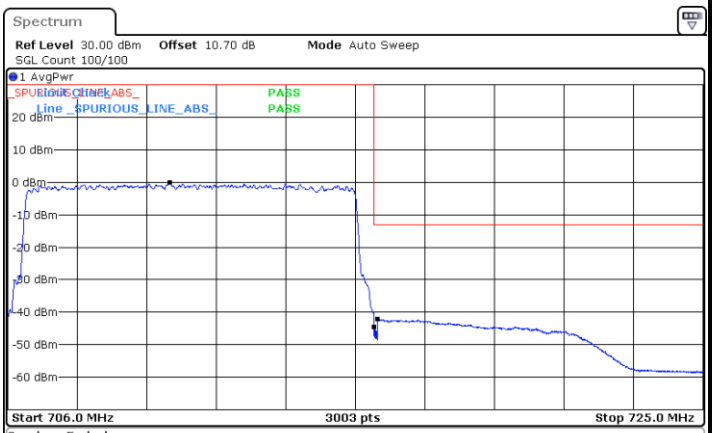
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	710.43057 MHz	-0.13 dBm	-30.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00195 MHz	-44.49 dBm	-31.49 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-42.10 dBm	-29.10 dB

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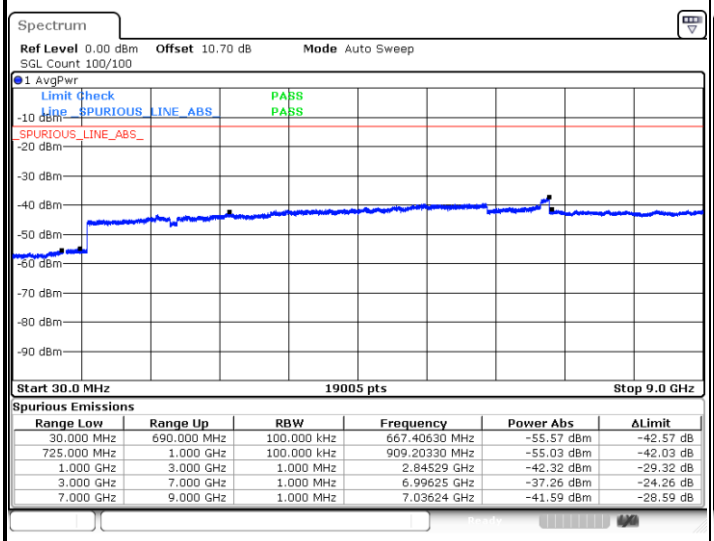
Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	667.40630 MHz	-55.57 dBm	-42.57 dB
725.000 MHz	1.000 GHz	100.000 kHz	909.20330 MHz	-55.03 dBm	-42.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.84529 GHz	-42.32 dBm	-29.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-37.26 dBm	-24.26 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03624 GHz	-41.59 dBm	-28.59 dB

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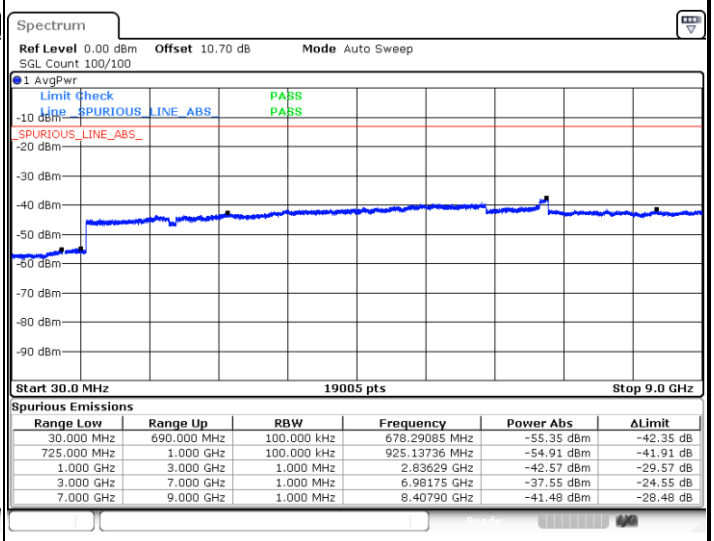
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	678.29085 MHz	-55.35 dBm	-42.35 dB
725.000 MHz	1.000 GHz	100.000 kHz	925.13736 MHz	-54.91 dBm	-41.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83629 GHz	-42.57 dBm	-29.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98175 GHz	-37.55 dBm	-24.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.40790 GHz	-41.48 dBm	-28.48 dB

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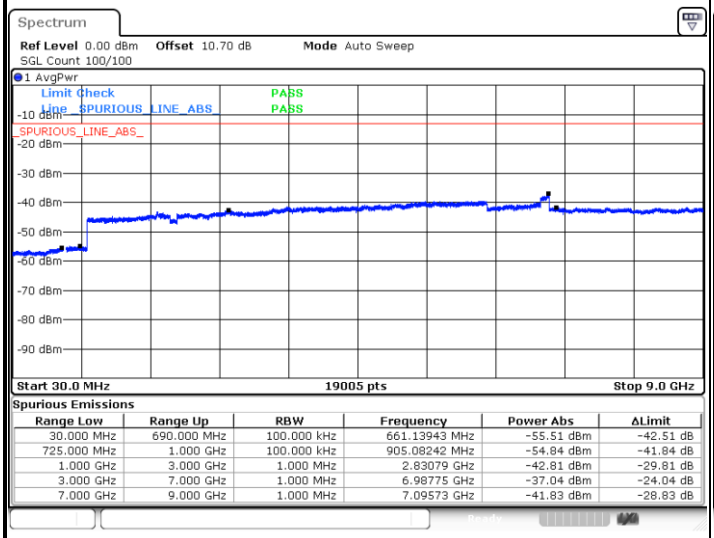
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	661.13943 MHz	-55.51 dBm	-42.51 dB
725.000 MHz	1.000 GHz	100.000 kHz	905.08242 MHz	-54.84 dBm	-41.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83079 GHz	-42.81 dBm	-29.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-37.04 dBm	-24.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.09573 GHz	-41.83 dBm	-28.83 dB

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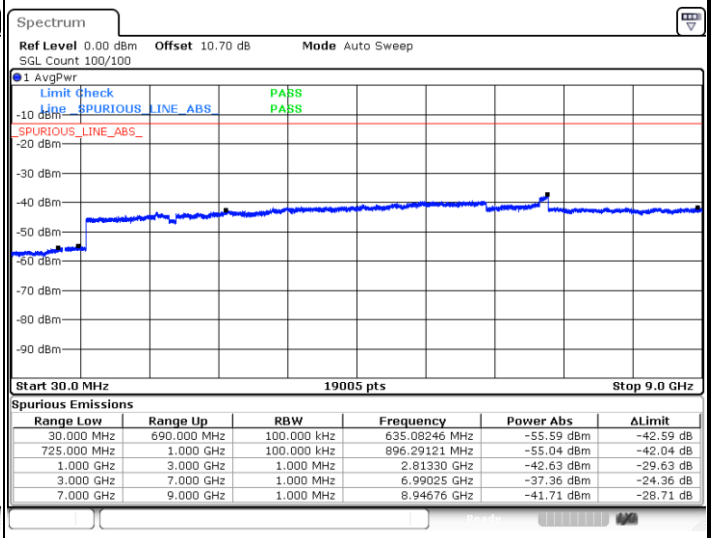
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	635.08246 MHz	-55.59 dBm	-42.59 dB
725.000 MHz	1.000 GHz	100.000 kHz	896.29121 MHz	-55.04 dBm	-42.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.81330 GHz	-42.63 dBm	-29.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-37.36 dBm	-24.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.94676 GHz	-41.71 dBm	-28.71 dB

Date: 22.DEC.2019 17:57:47