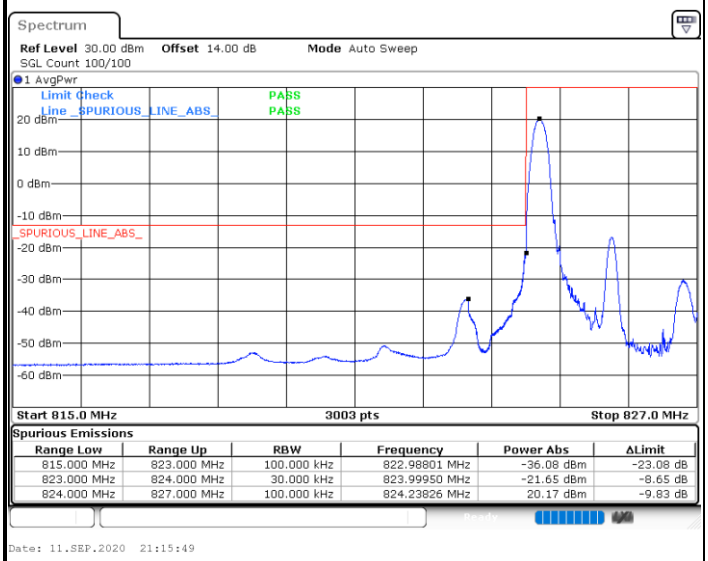
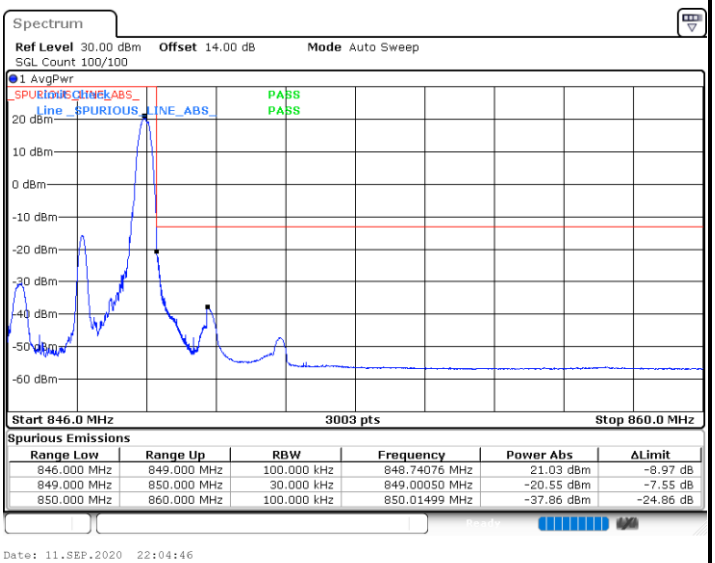
LTE Band 5 / 3MHz / 16QAM

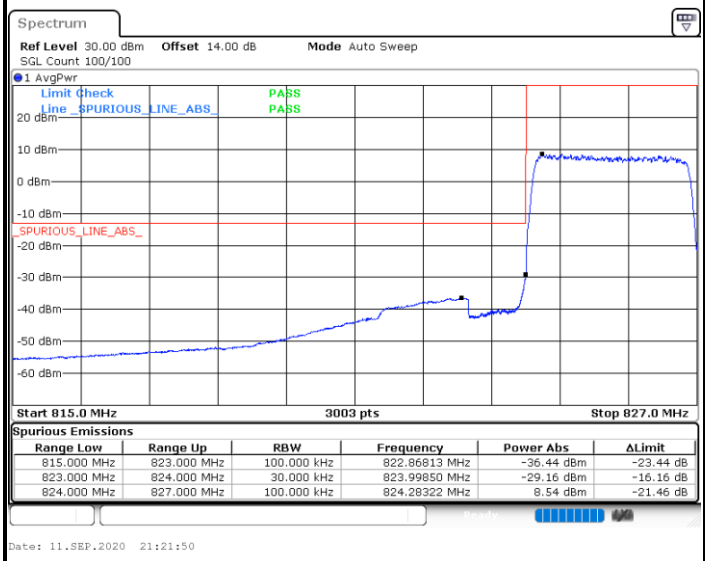
Lowest Band Edge / 1 RB



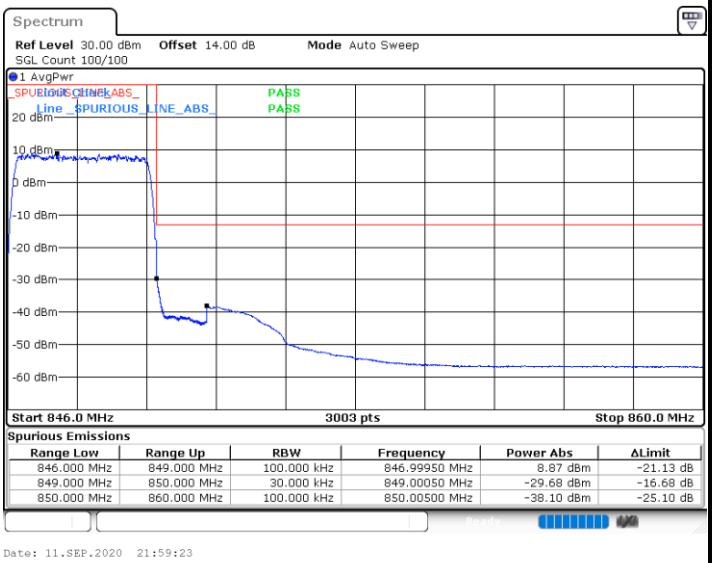
Highest Band Edge /1 RB



Lowest Band Edge / Full RB

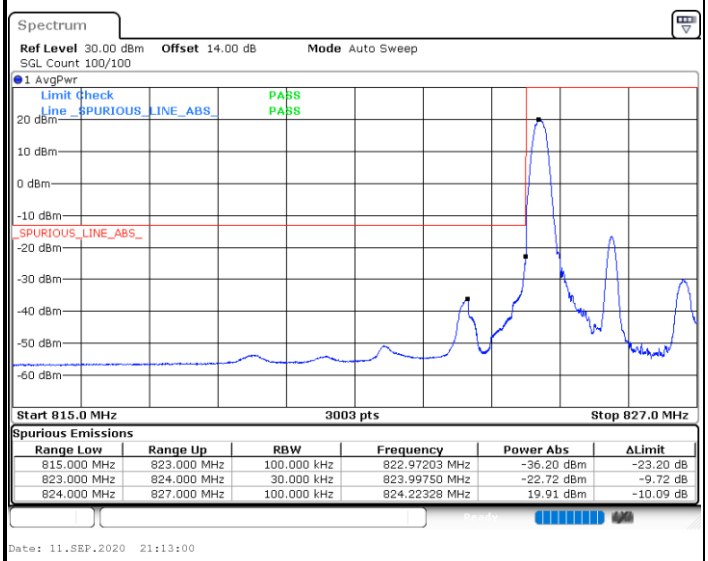


Highest Band Edge / Full RB



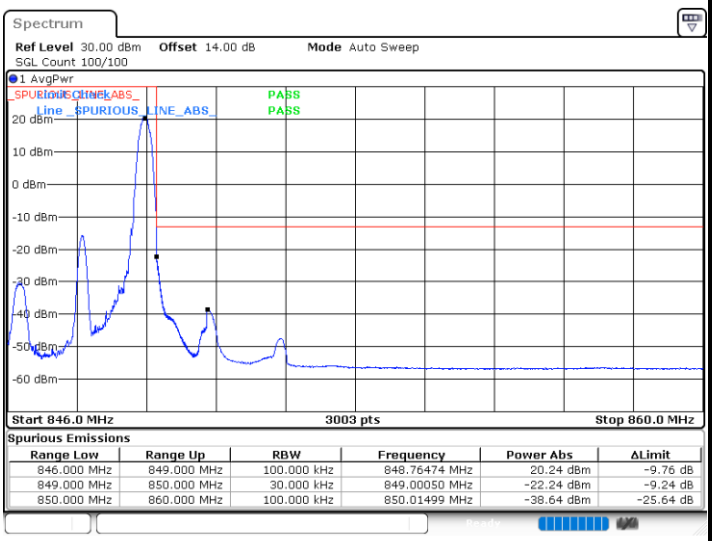
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



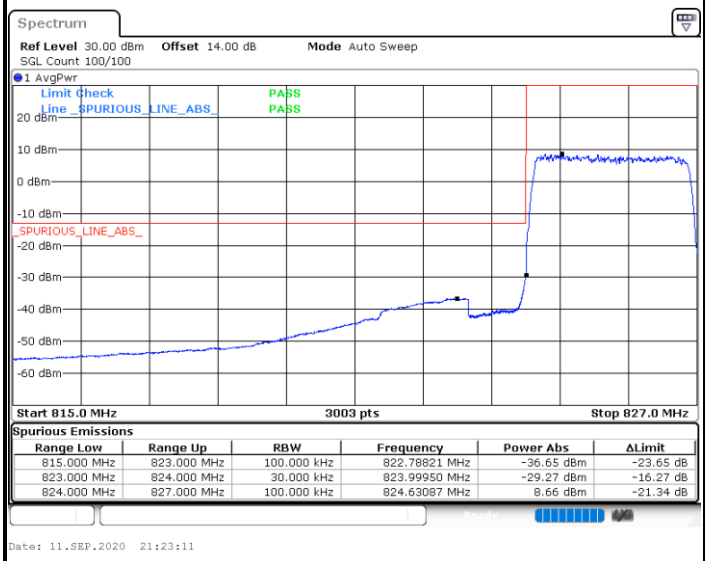
Date: 11.SEP.2020 21:13:00

Highest Band Edge /1 RB



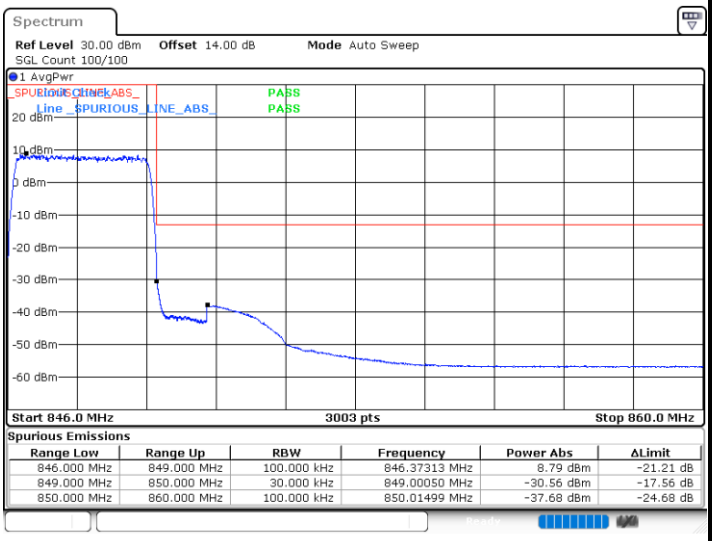
Date: 11.SEP.2020 22:03:41

Lowest Band Edge / Full RB



Date: 11.SEP.2020 21:23:11

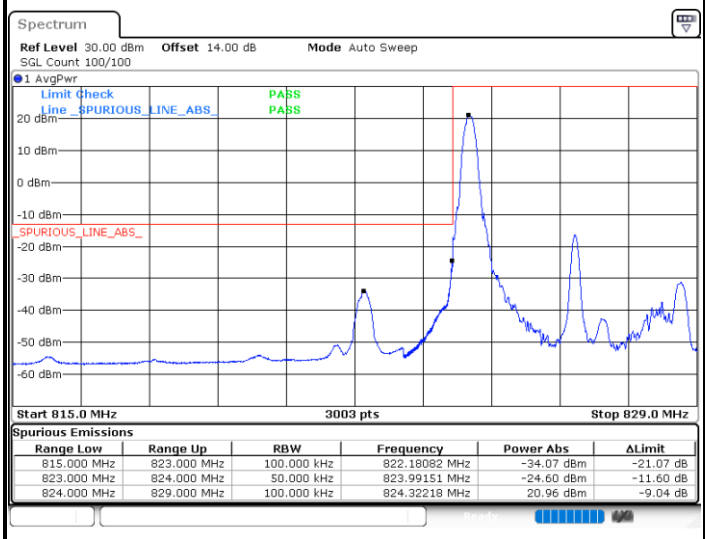
Highest Band Edge / Full RB



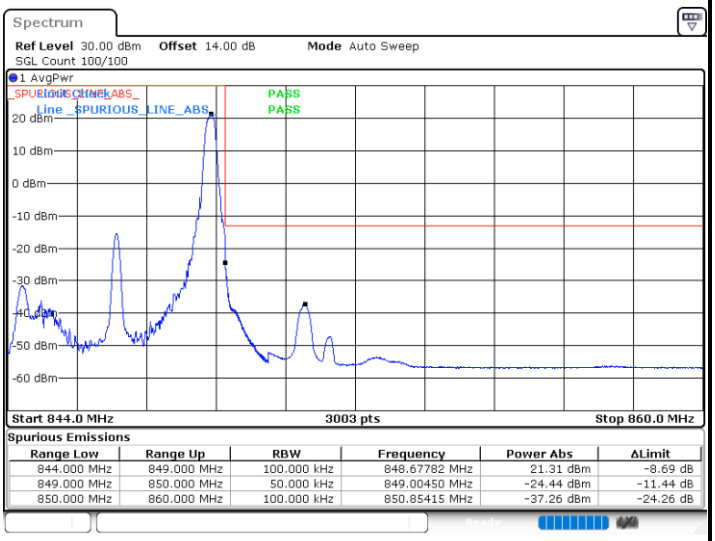
Date: 11.SEP.2020 21:25:07

LTE Band 5 / 5MHz / QPSK

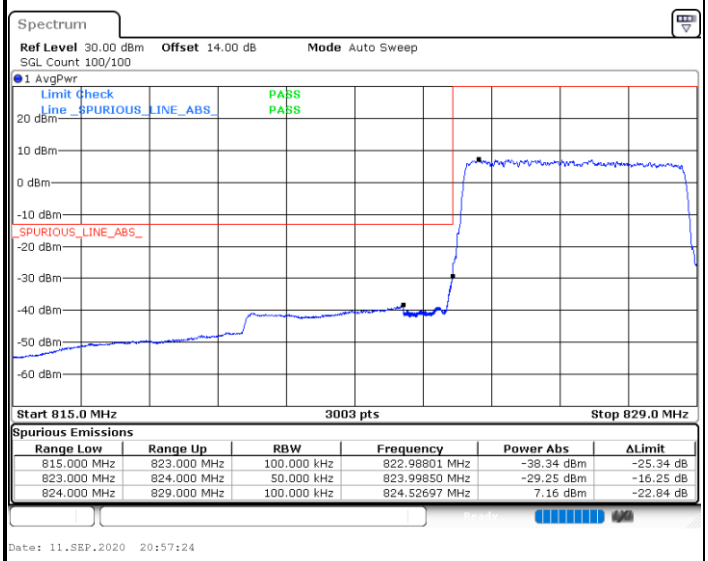
Lowest Band Edge / 1 RB



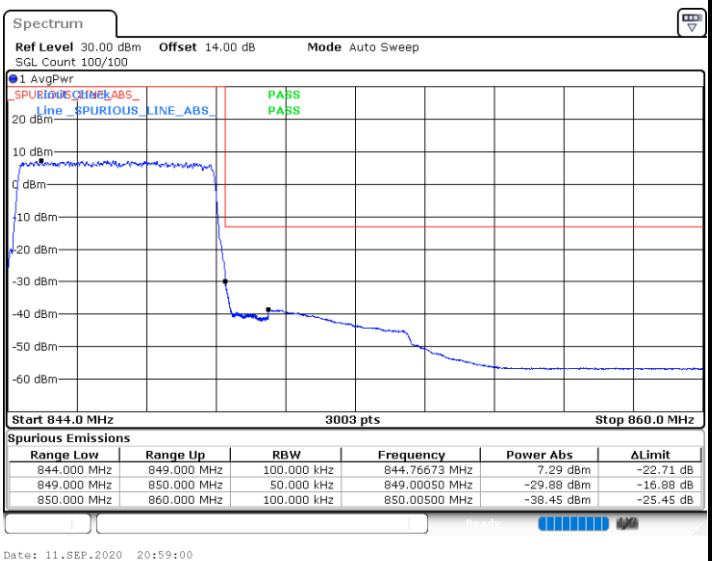
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

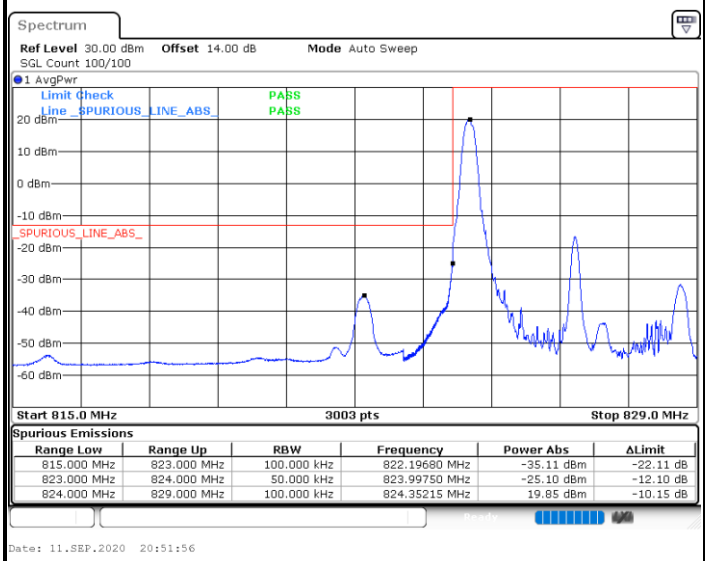


Highest Band Edge / Full RB

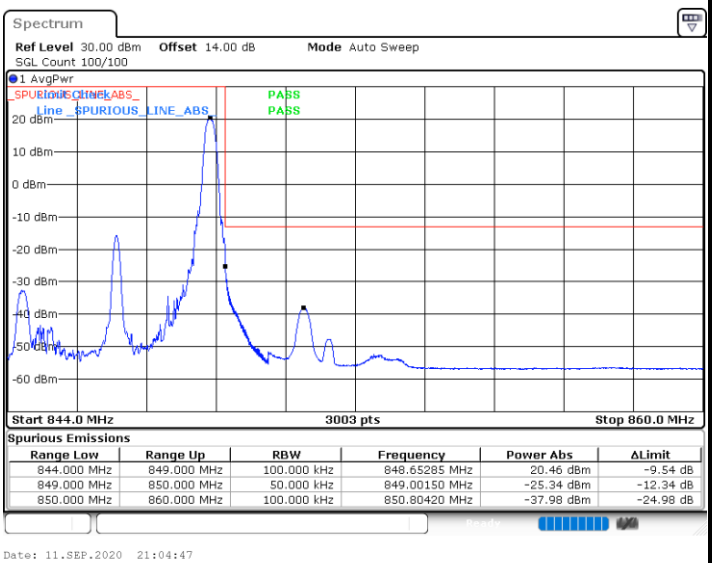


LTE Band 5 / 5MHz / 16QAM

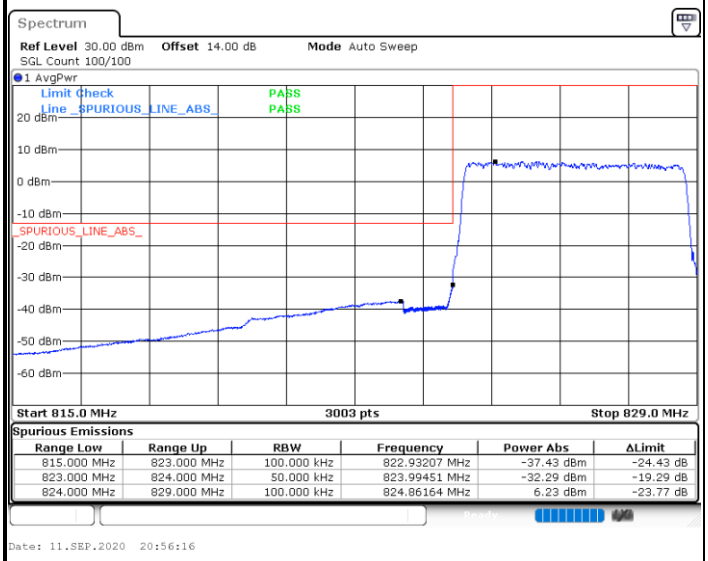
Lowest Band Edge / 1RB



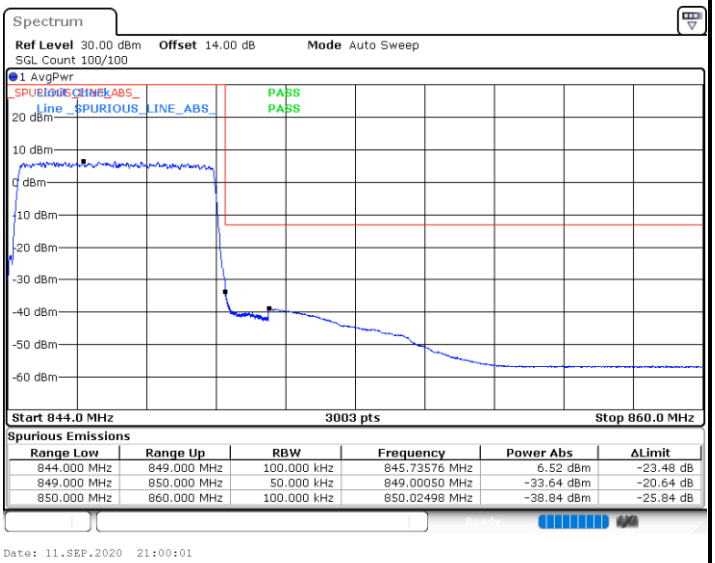
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

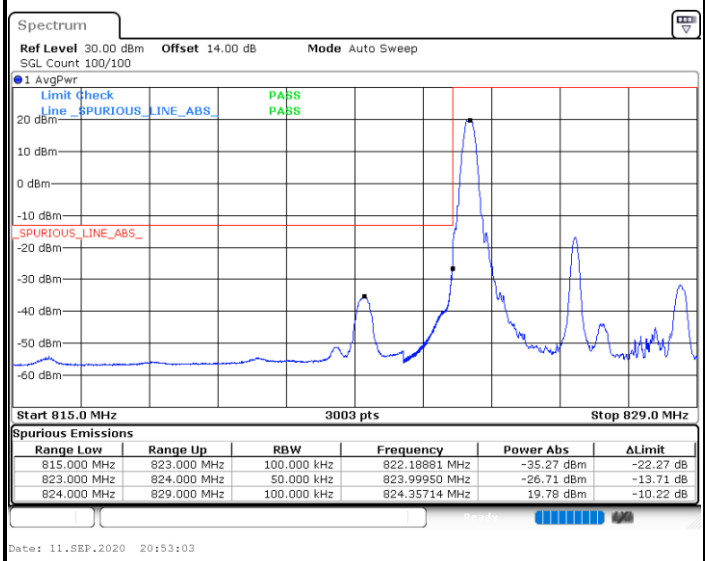


Highest Band Edge / Full RB

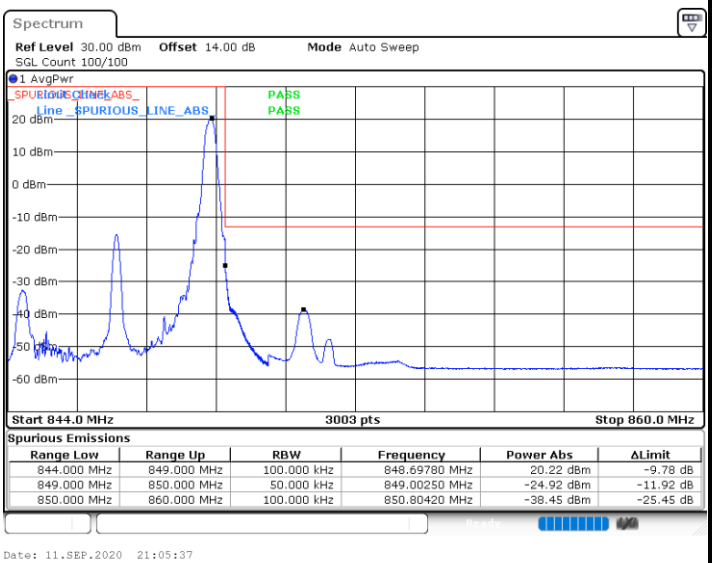


LTE Band 5 / 5MHz / 64QAM

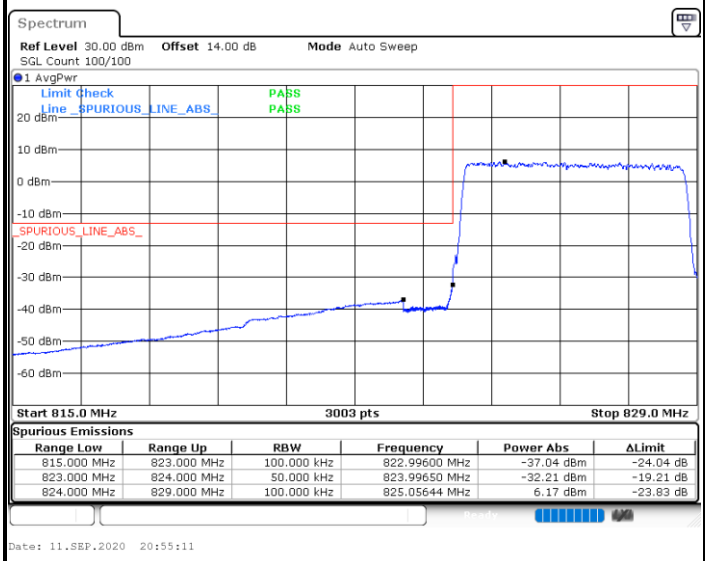
Lowest Band Edge / 1RB



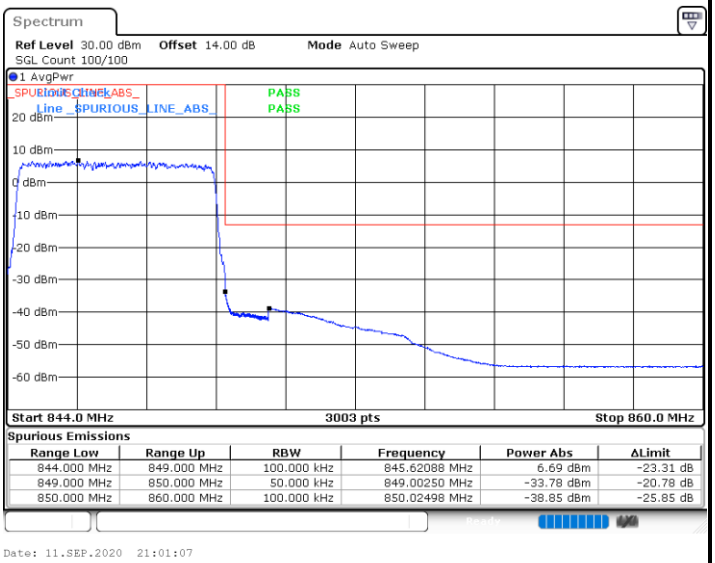
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

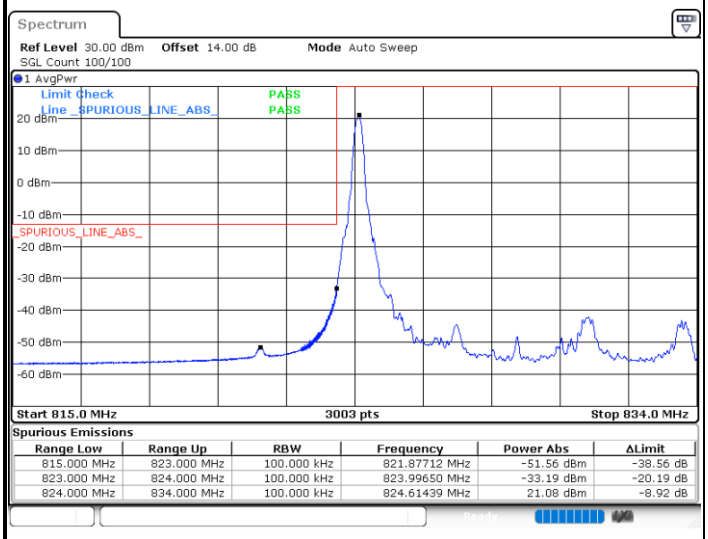


Highest Band Edge / Full RB



LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

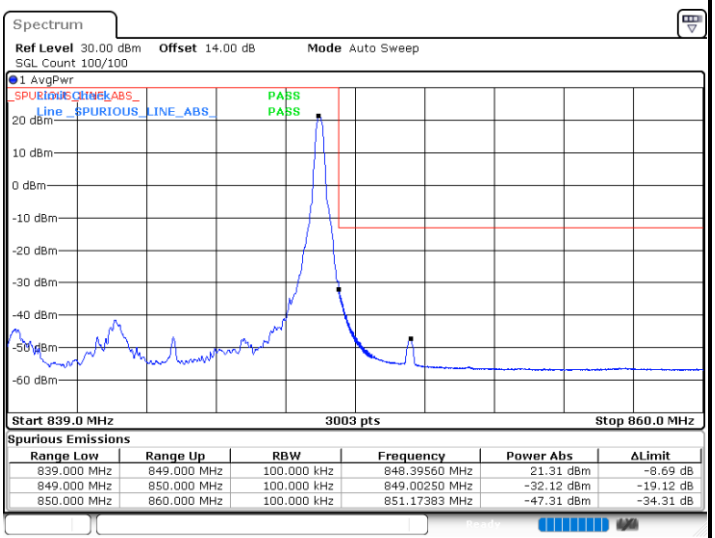


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	821.87712 MHz	-51.56 dBm	-38.56 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99650 MHz	-33.19 dBm	-20.19 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.61439 MHz	21.08 dBm	-8.92 dB

Date: 11.SEP.2020 20:11:43

Highest Band Edge / 1 RB

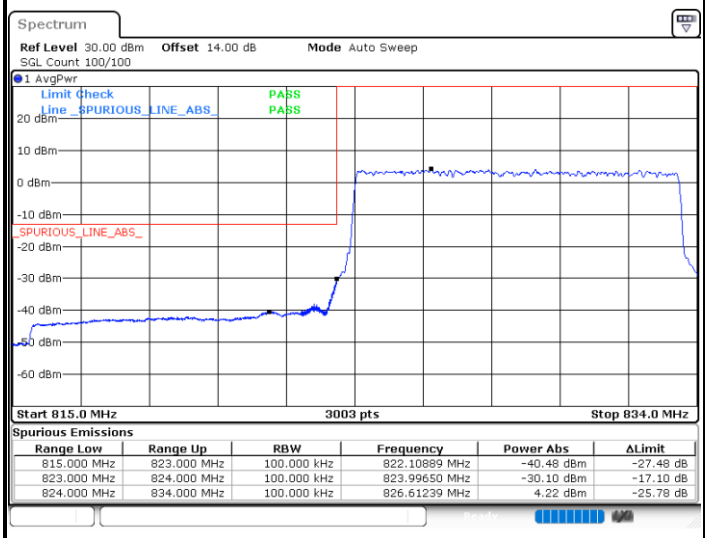


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.39560 MHz	21.31 dBm	-8.69 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00250 MHz	-32.12 dBm	-19.12 dB
850.000 MHz	860.000 MHz	100.000 kHz	851.17383 MHz	-47.31 dBm	-34.31 dB

Date: 11.SEP.2020 20:40:45

Lowest Band Edge / Full RB

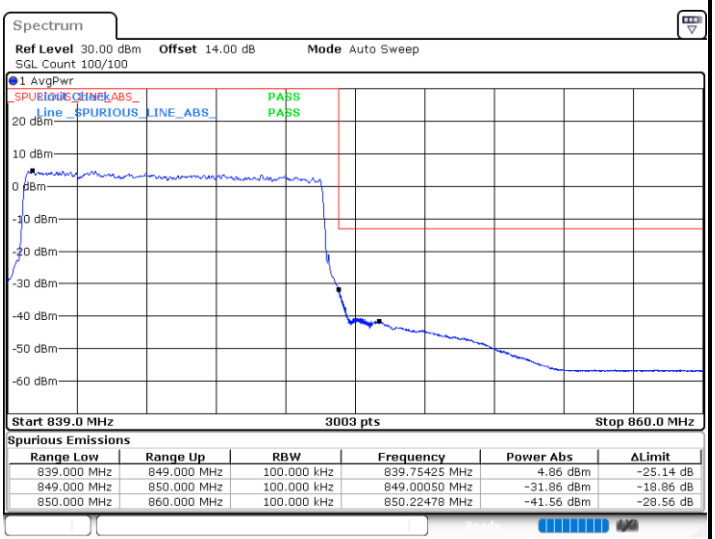


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.10889 MHz	-40.48 dBm	-27.48 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99650 MHz	-30.10 dBm	-17.10 dB
824.000 MHz	834.000 MHz	100.000 kHz	826.61239 MHz	4.22 dBm	-25.78 dB

Date: 11.SEP.2020 20:13:17

Highest Band Edge / Full RB



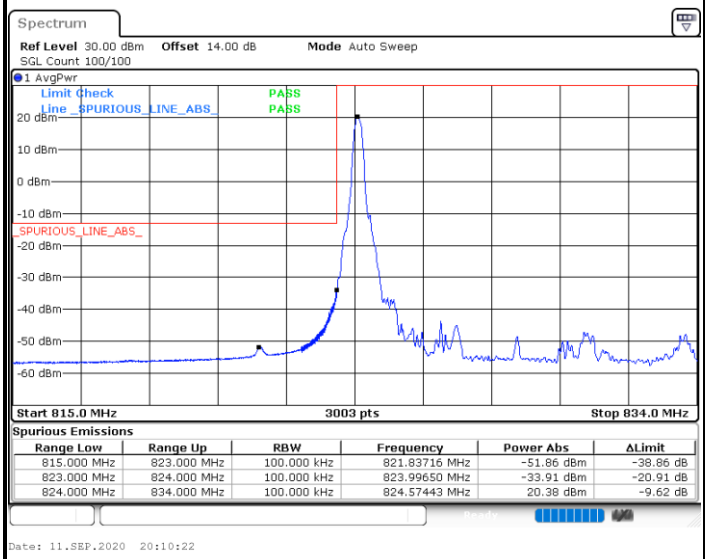
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	839.75425 MHz	4.86 dBm	-25.14 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00050 MHz	-31.86 dBm	-18.86 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.22478 MHz	-41.56 dBm	-28.56 dB

Date: 11.SEP.2020 20:21:17

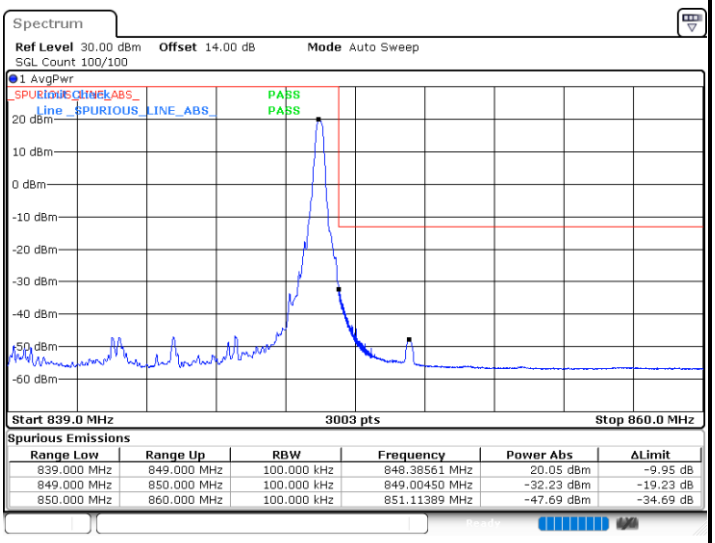
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



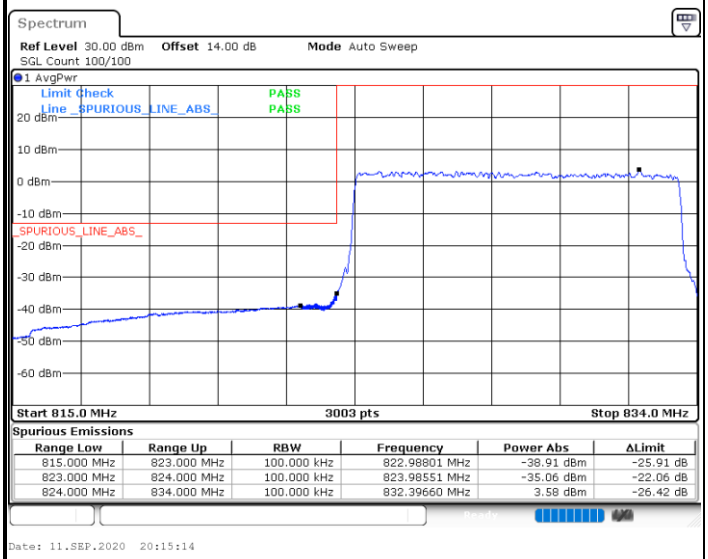
Date: 11.SEP.2020 20:10:22

Highest Band Edge / 1 RB



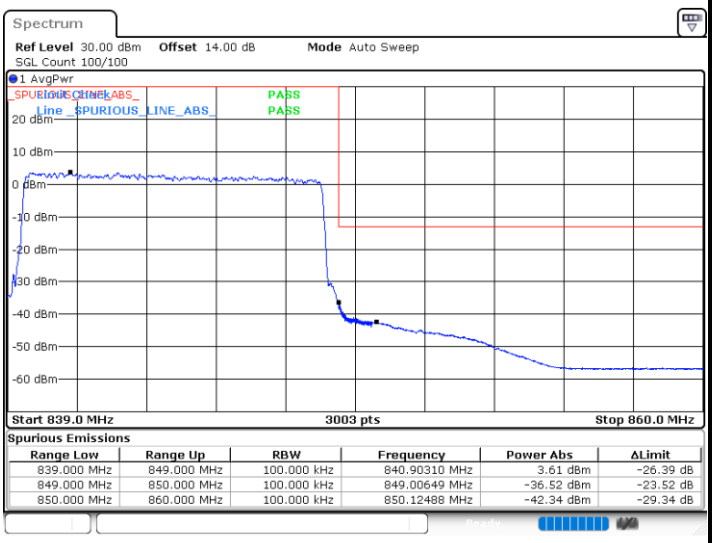
Date: 11.SEP.2020 20:26:18

Lowest Band Edge / Full RB



Date: 11.SEP.2020 20:15:14

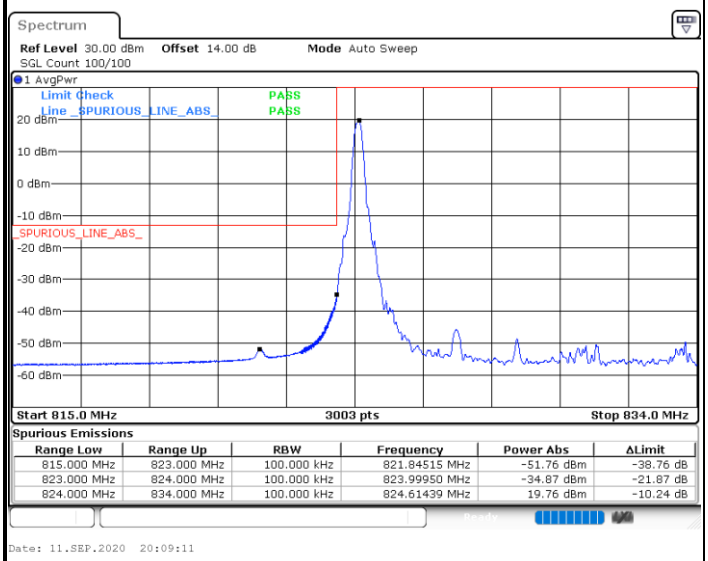
Highest Band Edge / Full RB



Date: 11.SEP.2020 20:19:15

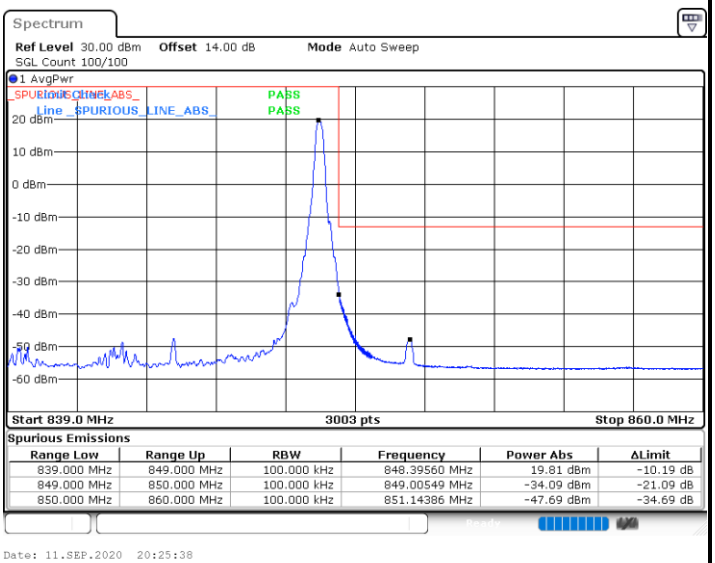
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



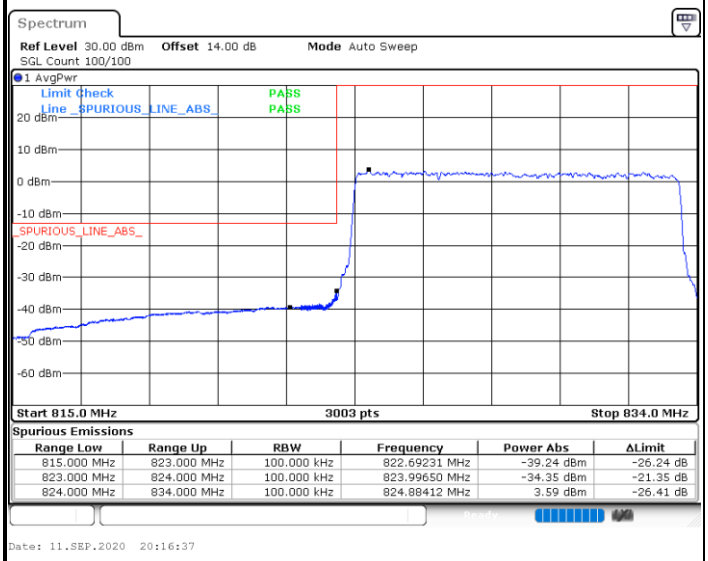
Date: 11.SEP.2020 20:09:11

Highest Band Edge / 1 RB



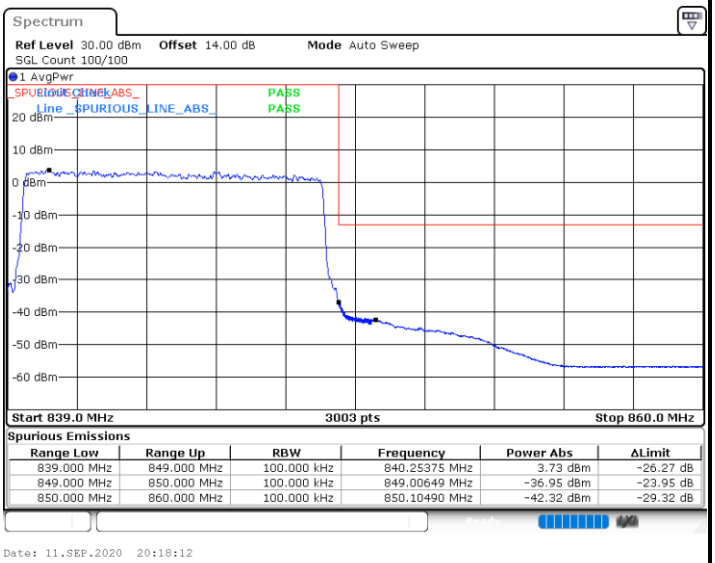
Date: 11.SEP.2020 20:25:38

Lowest Band Edge / Full RB



Date: 11.SEP.2020 20:16:37

Highest Band Edge / Full RB

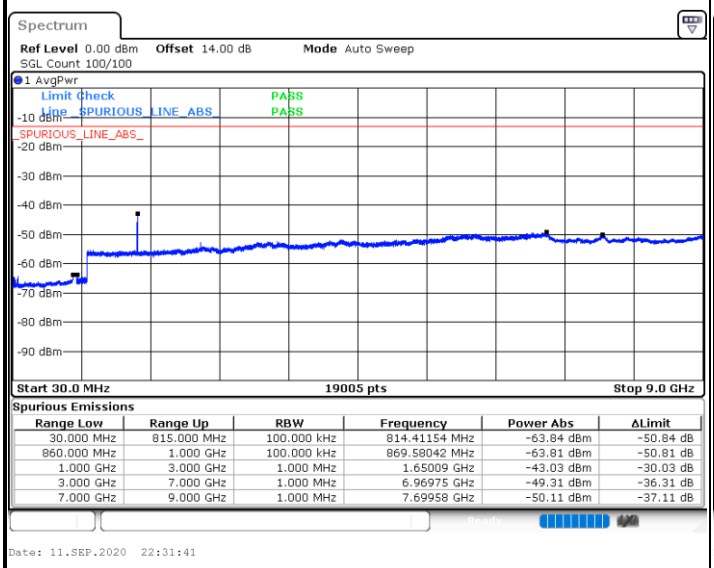


Date: 11.SEP.2020 20:18:12

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

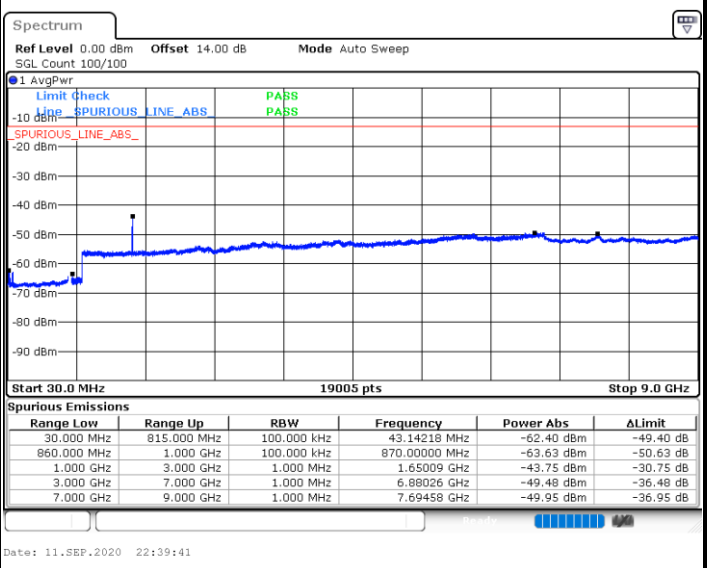


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-63.84 dBm	-50.84 dB
860.000 MHz	1.000 GHz	100.000 kHz	869.58042 MHz	-63.81 dBm	-50.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-43.03 dBm	-30.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96975 GHz	-49.31 dBm	-36.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.69958 GHz	-50.11 dBm	-37.11 dB

Date: 11.SEP.2020 22:31:41

Lowest Channel / 16QAM

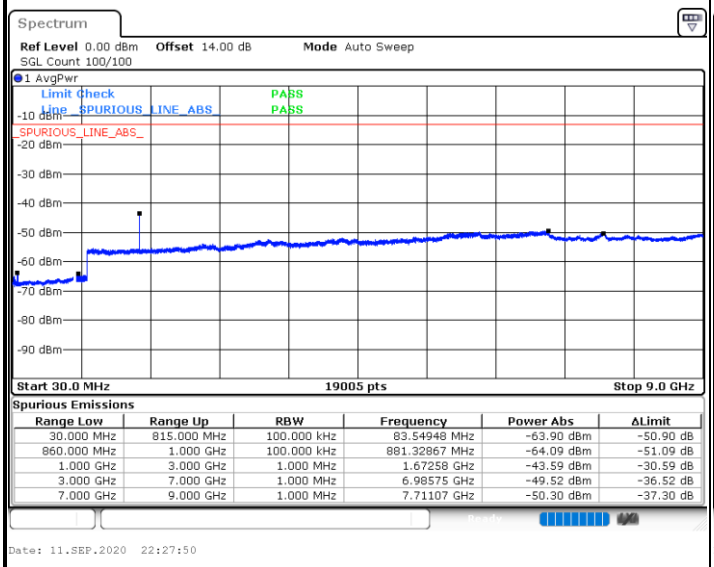


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	43.14218 MHz	-62.40 dBm	-49.40 dB
860.000 MHz	1.000 GHz	100.000 kHz	870.00000 MHz	-63.63 dBm	-50.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-43.75 dBm	-30.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88026 GHz	-49.48 dBm	-36.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.69458 GHz	-49.95 dBm	-36.95 dB

Date: 11.SEP.2020 22:39:41

Middle Channel / QPSK

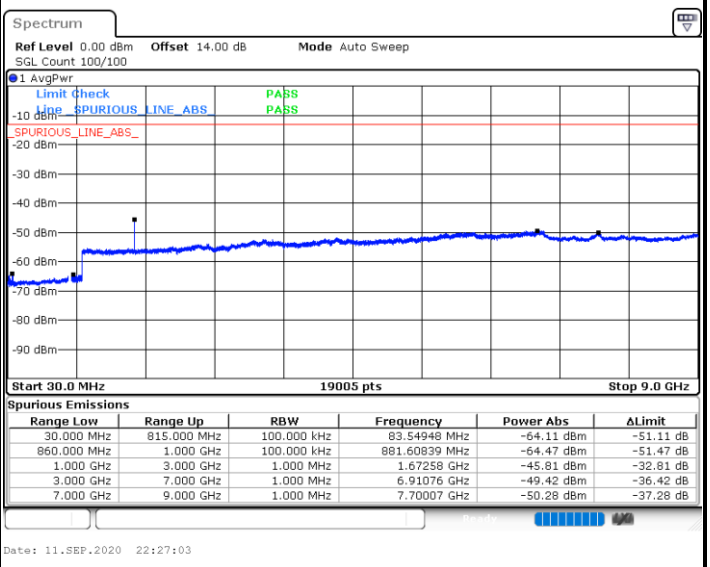


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.90 dBm	-50.90 dB
860.000 MHz	1.000 GHz	100.000 kHz	881.32867 MHz	-64.09 dBm	-51.09 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-43.59 dBm	-30.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98575 GHz	-49.52 dBm	-36.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71107 GHz	-50.30 dBm	-37.30 dB

Date: 11.SEP.2020 22:27:50

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-64.11 dBm	-51.11 dB
860.000 MHz	1.000 GHz	100.000 kHz	881.60839 MHz	-64.47 dBm	-51.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-45.81 dBm	-32.81 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91076 GHz	-49.42 dBm	-36.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70007 GHz	-50.28 dBm	-37.28 dB

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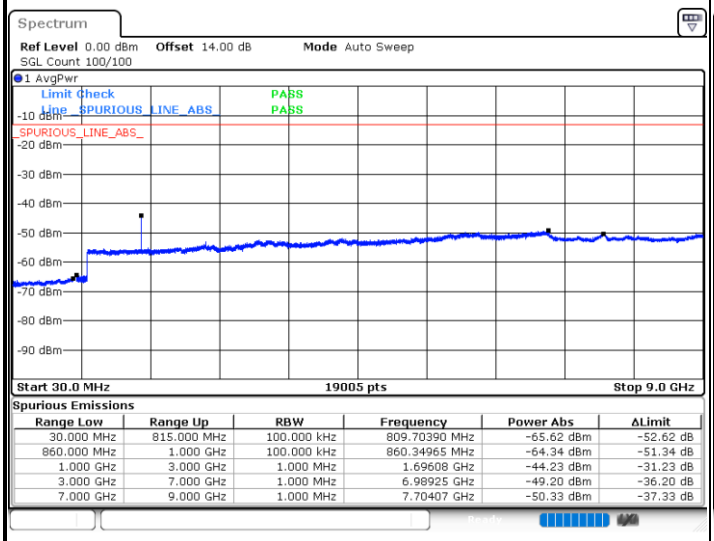
LTE Band 5 / 1.4MHz

Highest Channel / QPSK

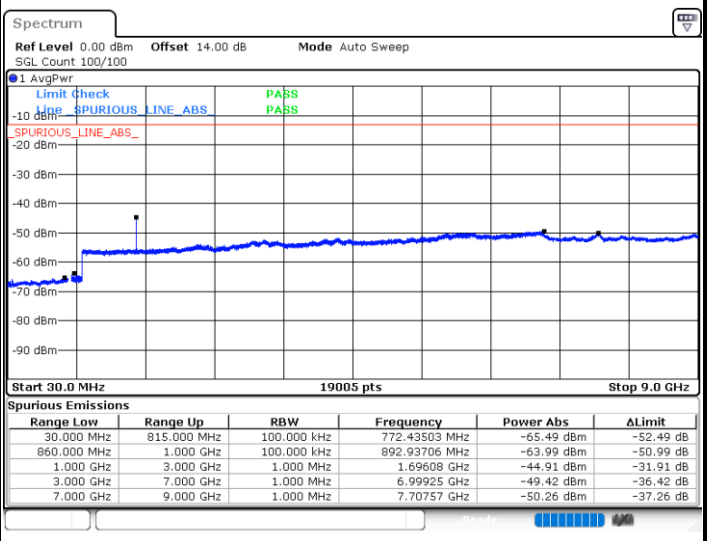


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	809.70390 MHz	-65.62 dBm	-52.62 dB
860.000 MHz	1.000 GHz	100.000 kHz	860.34965 MHz	-64.34 dBm	-51.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-44.23 dBm	-31.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-49.20 dBm	-36.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70407 GHz	-50.33 dBm	-37.33 dB

Date: 11.SEP.2020 23:02:55

Highest Channel / 16QAM



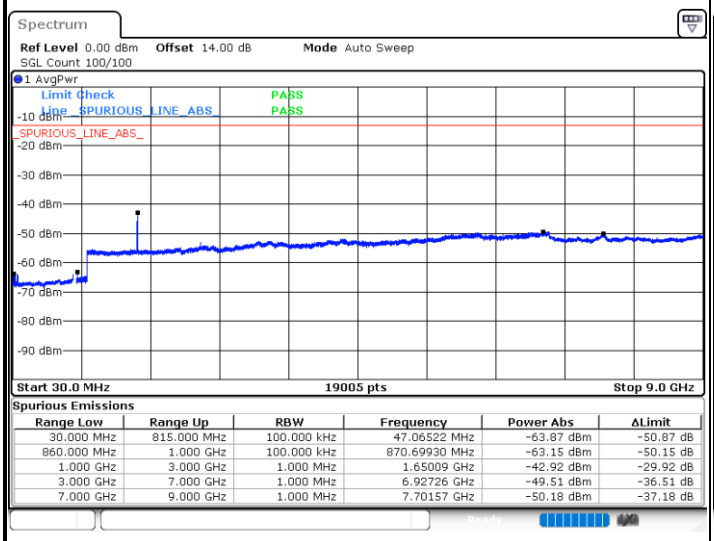
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	772.43503 MHz	-65.49 dBm	-52.49 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.93706 MHz	-63.99 dBm	-50.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-44.91 dBm	-31.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-49.42 dBm	-36.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70757 GHz	-50.26 dBm	-37.26 dB

Date: 11.SEP.2020 23:01:39

LTE Band 5 / 3MHz

Lowest Channel / QPSK

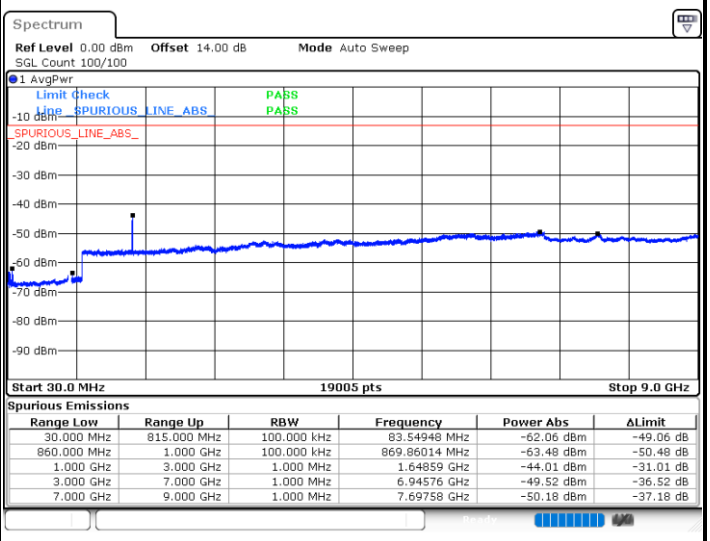


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	47.06522 MHz	-63.87 dBm	-50.87 dB
860.000 MHz	1.000 GHz	100.000 kHz	870.69930 MHz	-63.15 dBm	-50.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-42.92 dBm	-29.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92726 GHz	-49.51 dBm	-36.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70157 GHz	-50.18 dBm	-37.18 dB

Date: 11.SEP.2020 21:18:24

Lowest Channel / 16QAM



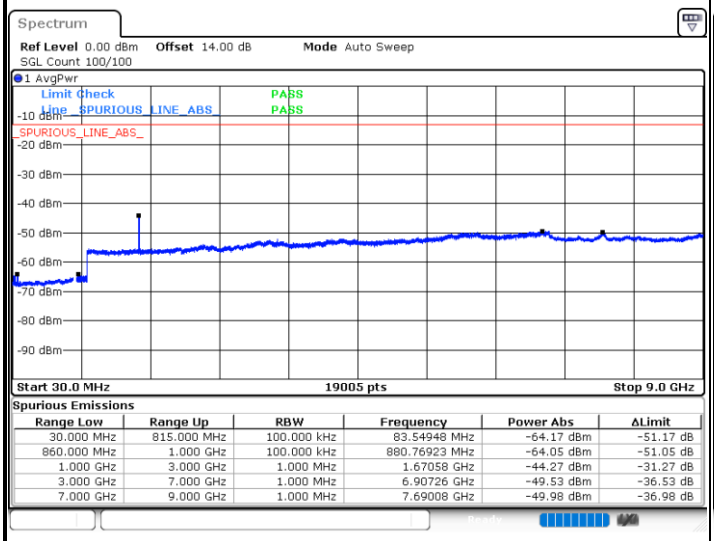
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-62.06 dBm	-49.06 dB
860.000 MHz	1.000 GHz	100.000 kHz	869.86014 MHz	-63.48 dBm	-50.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-44.01 dBm	-31.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-49.52 dBm	-36.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.69758 GHz	-50.18 dBm	-37.18 dB

Date: 11.SEP.2020 21:16:12

LTE Band 5 / 3MHz

Middle Channel / QPSK

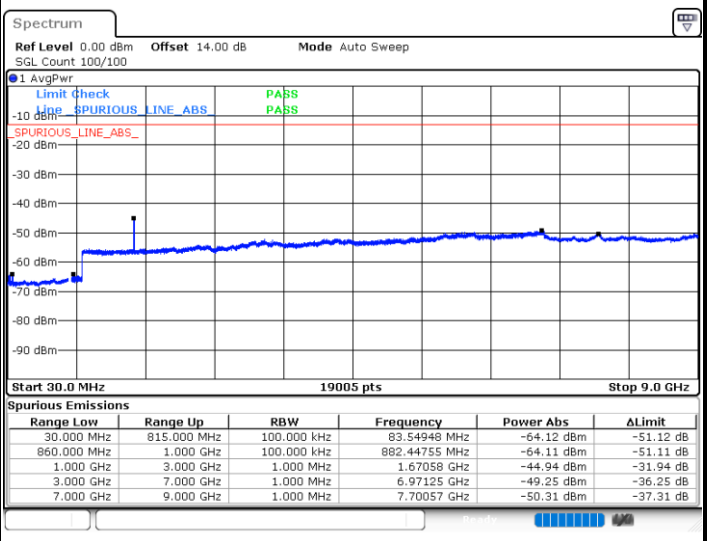


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-64.17 dBm	-51.17 dB
860.000 MHz	1.000 GHz	100.000 kHz	880.76923 MHz	-64.05 dBm	-51.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-44.27 dBm	-31.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90726 GHz	-49.53 dBm	-36.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.69008 GHz	-49.98 dBm	-36.98 dB

Date: 11.SEP.2020 21:08:36

Middle Channel / 16QAM

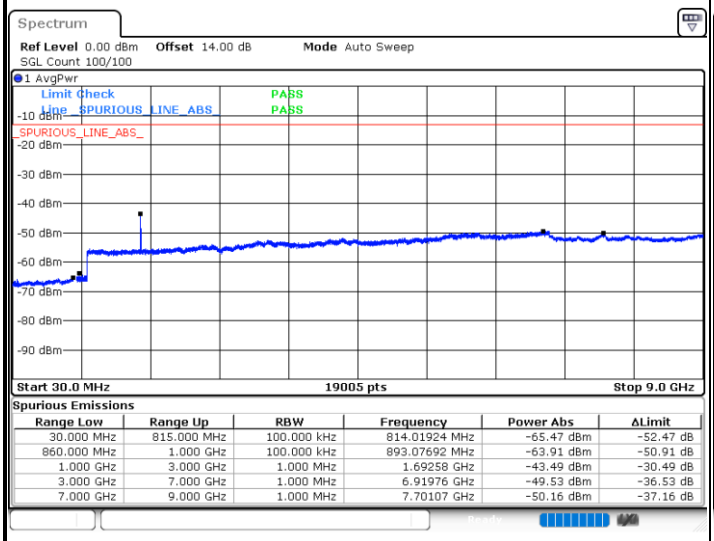


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-64.12 dBm	-51.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	882.44755 MHz	-64.11 dBm	-51.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-44.94 dBm	-31.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97125 GHz	-49.25 dBm	-36.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70057 GHz	-50.31 dBm	-37.31 dB

Date: 11.SEP.2020 21:10:59

Highest Channel / QPSK

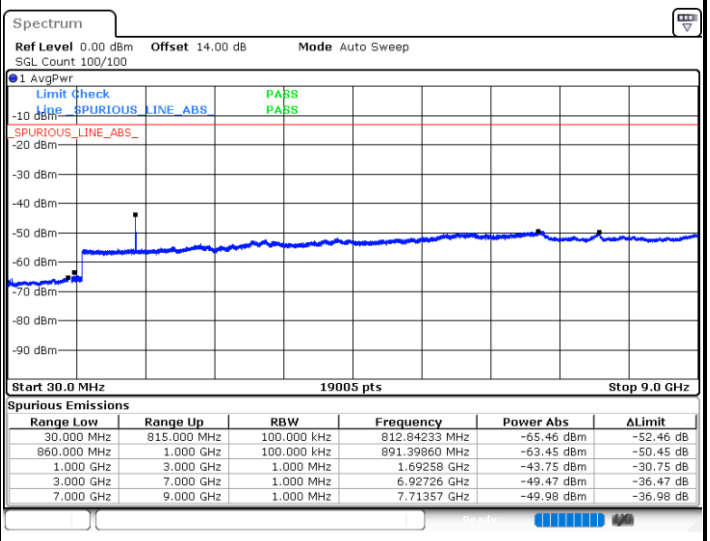


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-65.47 dBm	-52.47 dB
860.000 MHz	1.000 GHz	100.000 kHz	893.07692 MHz	-63.91 dBm	-50.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-43.49 dBm	-30.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91976 GHz	-49.53 dBm	-36.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70107 GHz	-50.16 dBm	-37.16 dB

Date: 11.SEP.2020 22:01:37

Highest Channel / 16QAM



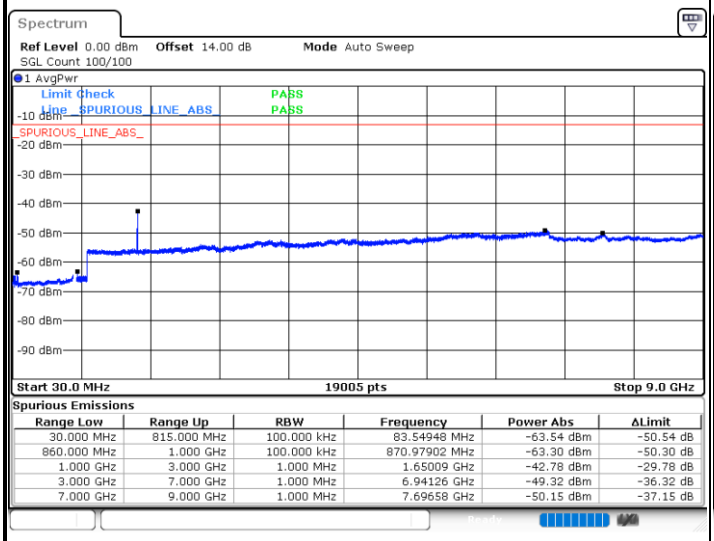
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-65.46 dBm	-52.46 dB
860.000 MHz	1.000 GHz	100.000 kHz	891.39860 MHz	-63.45 dBm	-50.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-43.75 dBm	-30.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92726 GHz	-49.47 dBm	-36.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71357 GHz	-49.98 dBm	-36.98 dB

Date: 11.SEP.2020 22:02:06

LTE Band 5 / 5MHz

Lowest Channel / QPSK

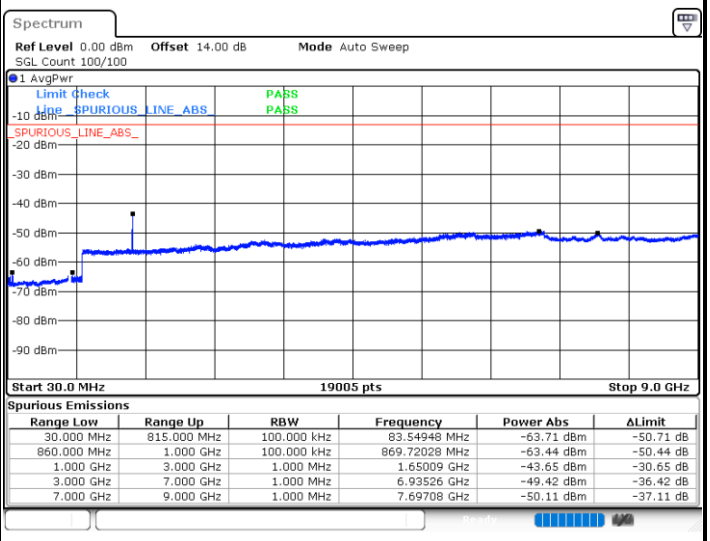


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.54 dBm	-50.54 dB
860.000 MHz	1.000 GHz	100.000 kHz	870.97902 MHz	-63.30 dBm	-50.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-42.78 dBm	-29.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94126 GHz	-49.32 dBm	-36.32 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.69658 GHz	-50.15 dBm	-37.15 dB

Date: 11.SEP.2020 20:50:37

Lowest Channel / 16QAM

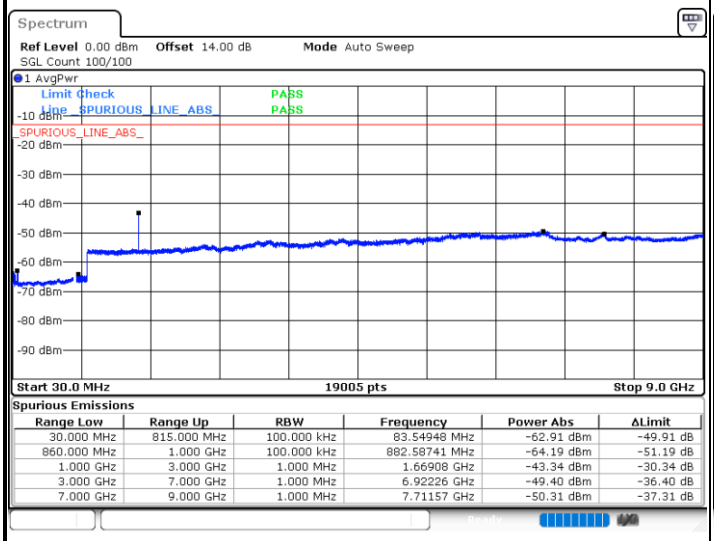


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.71 dBm	-50.71 dB
860.000 MHz	1.000 GHz	100.000 kHz	869.72028 MHz	-63.44 dBm	-50.44 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-43.65 dBm	-30.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93526 GHz	-49.42 dBm	-36.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.69708 GHz	-50.11 dBm	-37.11 dB

Date: 11.SEP.2020 20:52:20

Middle Channel / QPSK

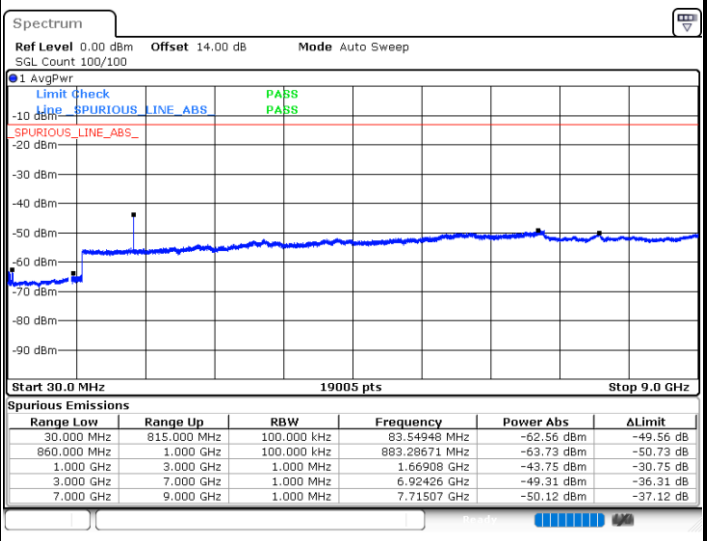


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-62.91 dBm	-49.91 dB
860.000 MHz	1.000 GHz	100.000 kHz	882.58741 MHz	-64.19 dBm	-51.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-43.34 dBm	-30.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92226 GHz	-49.40 dBm	-36.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71157 GHz	-50.31 dBm	-37.31 dB

Date: 11.SEP.2020 20:49:23

Middle Channel / 16QAM



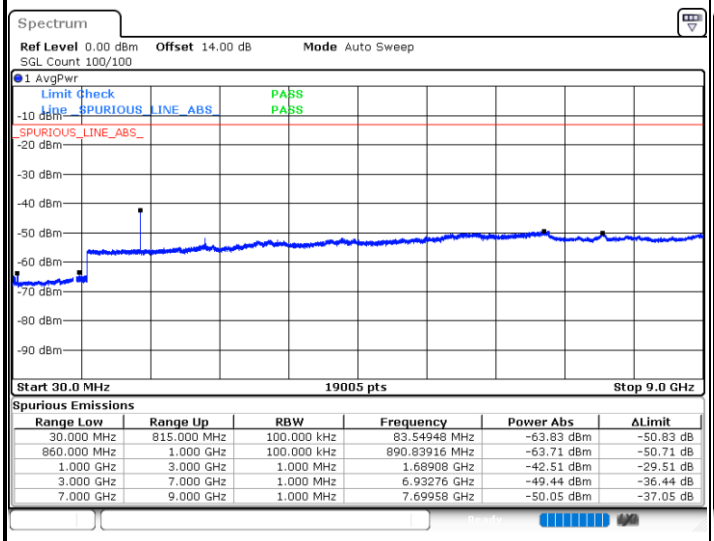
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-62.56 dBm	-49.56 dB
860.000 MHz	1.000 GHz	100.000 kHz	883.28671 MHz	-63.73 dBm	-50.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-43.75 dBm	-30.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92426 GHz	-49.31 dBm	-36.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71507 GHz	-50.12 dBm	-37.12 dB

Date: 11.SEP.2020 20:48:40

LTE Band 5 / 5MHz

Highest Channel / QPSK

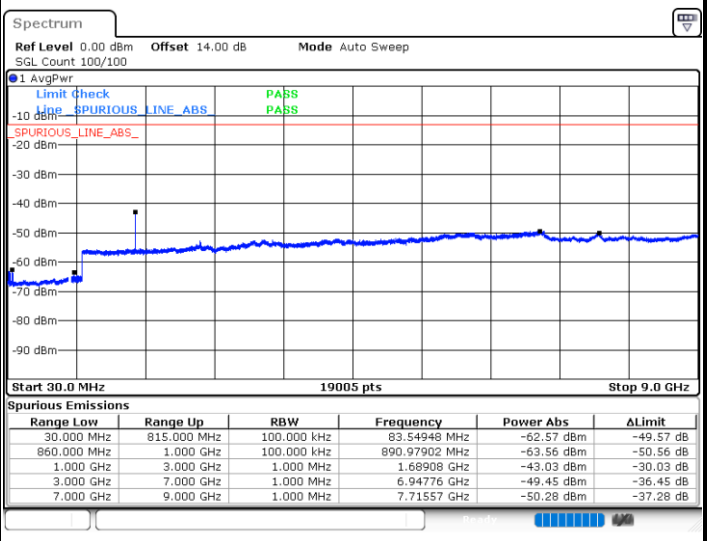


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.83 dBm	-50.83 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.83916 MHz	-63.71 dBm	-50.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-42.51 dBm	-29.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93276 GHz	-49.44 dBm	-36.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.69958 GHz	-50.05 dBm	-37.05 dB

Date: 11.SEP.2020 21:02:42

Highest Channel / 16QAM



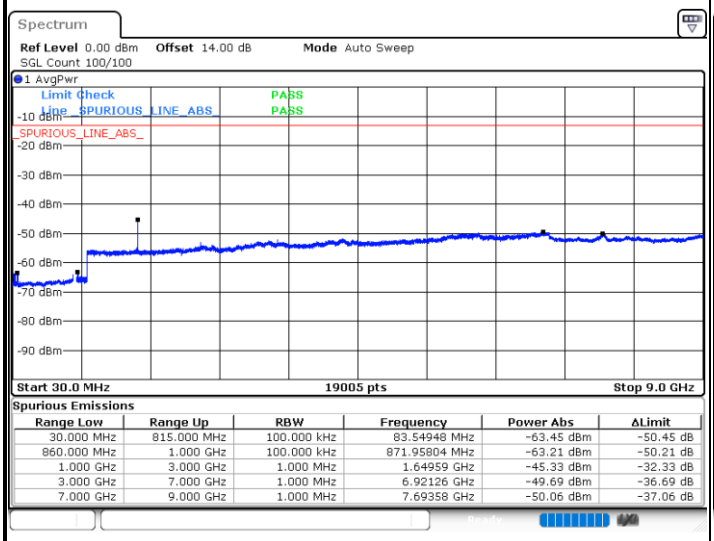
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-62.57 dBm	-49.57 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.97902 MHz	-63.56 dBm	-50.56 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-43.03 dBm	-30.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94776 GHz	-49.45 dBm	-36.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71557 GHz	-50.28 dBm	-37.28 dB

Date: 11.SEP.2020 21:02:15

LTE Band 5 / 10MHz

Lowest Channel / QPSK

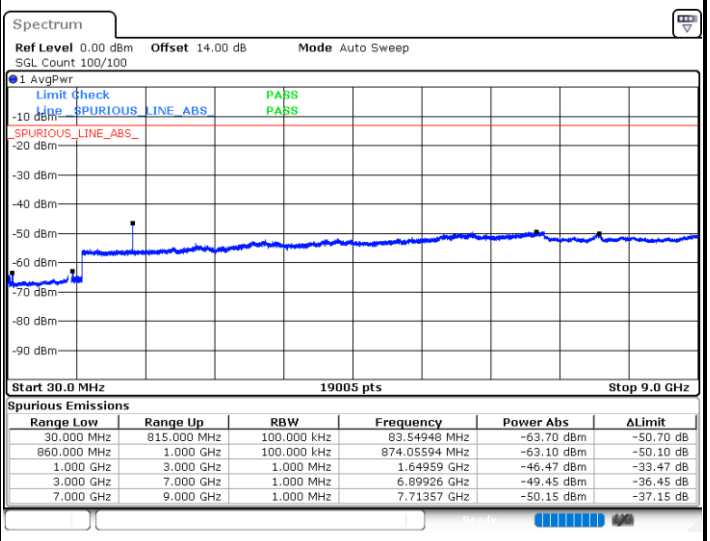


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.45 dBm	-50.45 dB
860.000 MHz	1.000 GHz	100.000 kHz	871.95804 MHz	-63.21 dBm	-50.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-45.33 dBm	-32.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92126 GHz	-49.69 dBm	-36.69 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.69358 GHz	-50.06 dBm	-37.06 dB

Date: 11.SEP.2020 20:12:09

Lowest Channel / 16QAM



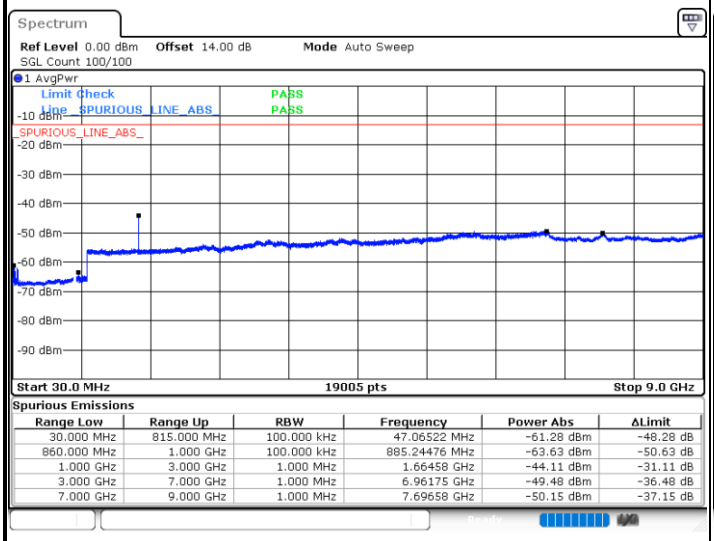
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.70 dBm	-50.70 dB
860.000 MHz	1.000 GHz	100.000 kHz	874.05594 MHz	-63.10 dBm	-50.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89926 GHz	-49.45 dBm	-36.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71357 GHz	-50.15 dBm	-37.15 dB

Date: 11.SEP.2020 20:10:54

LTE Band 5 / 10MHz

Middle Channel / QPSK

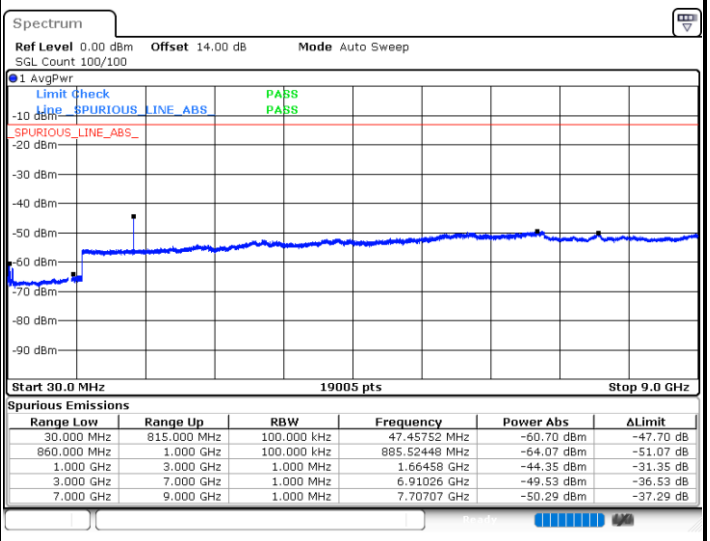


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	47.06522 MHz	-61.28 dBm	-48.28 dB
860.000 MHz	1.000 GHz	100.000 kHz	885.24476 MHz	-63.63 dBm	-50.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-44.11 dBm	-31.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96175 GHz	-49.48 dBm	-36.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.69658 GHz	-50.15 dBm	-37.15 dB

Date: 11.SEP.2020 20:05:56

Middle Channel / 16QAM

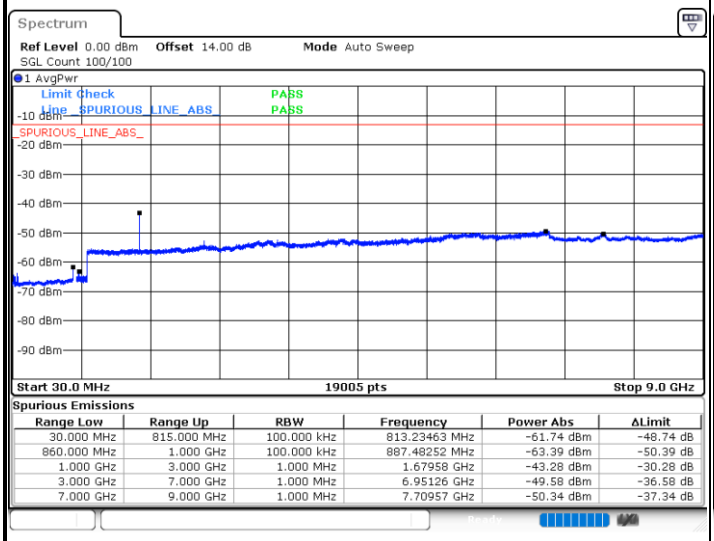


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	47.45752 MHz	-60.70 dBm	-47.70 dB
860.000 MHz	1.000 GHz	100.000 kHz	885.52448 MHz	-64.07 dBm	-51.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-44.35 dBm	-31.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91026 GHz	-49.53 dBm	-36.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70707 GHz	-50.29 dBm	-37.29 dB

Date: 11.SEP.2020 20:07:13

Highest Channel / QPSK

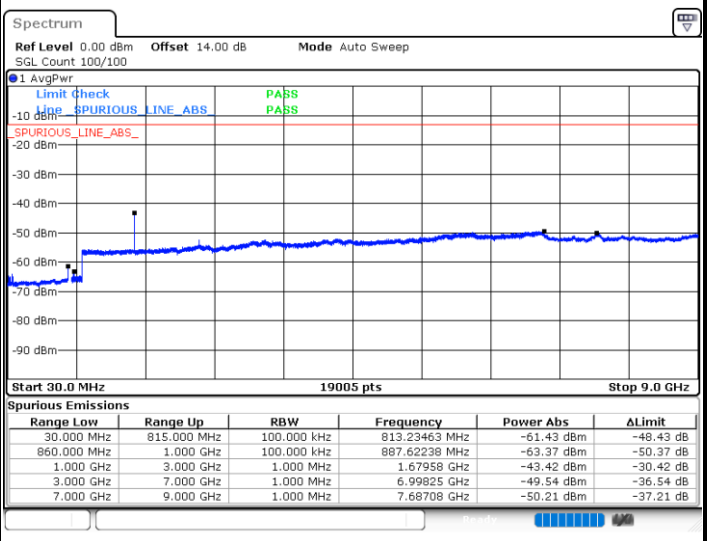


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-61.74 dBm	-48.74 dB
860.000 MHz	1.000 GHz	100.000 kHz	887.48252 MHz	-63.39 dBm	-50.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-43.28 dBm	-30.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95126 GHz	-49.58 dBm	-36.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70957 GHz	-50.34 dBm	-37.34 dB

Date: 11.SEP.2020 20:22:27

Highest Channel / 16QAM



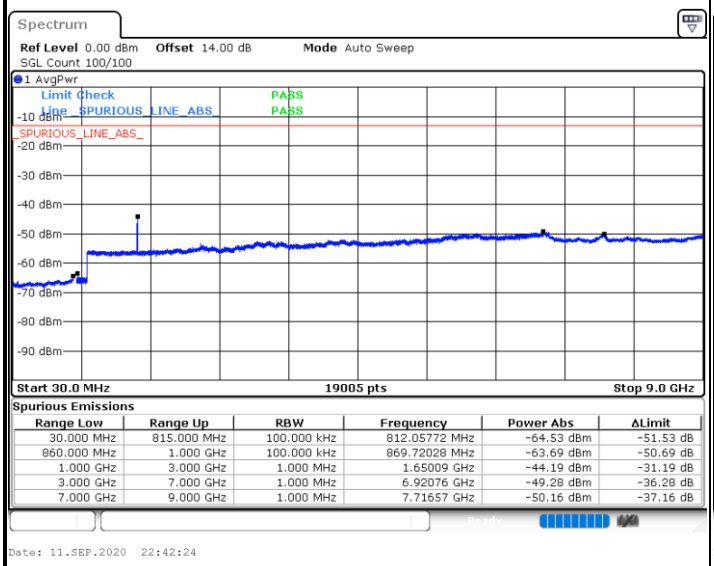
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-61.43 dBm	-48.43 dB
860.000 MHz	1.000 GHz	100.000 kHz	887.62238 MHz	-63.37 dBm	-50.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-43.42 dBm	-30.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-49.54 dBm	-36.54 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.68708 GHz	-50.21 dBm	-37.21 dB

Date: 11.SEP.2020 20:23:07

LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

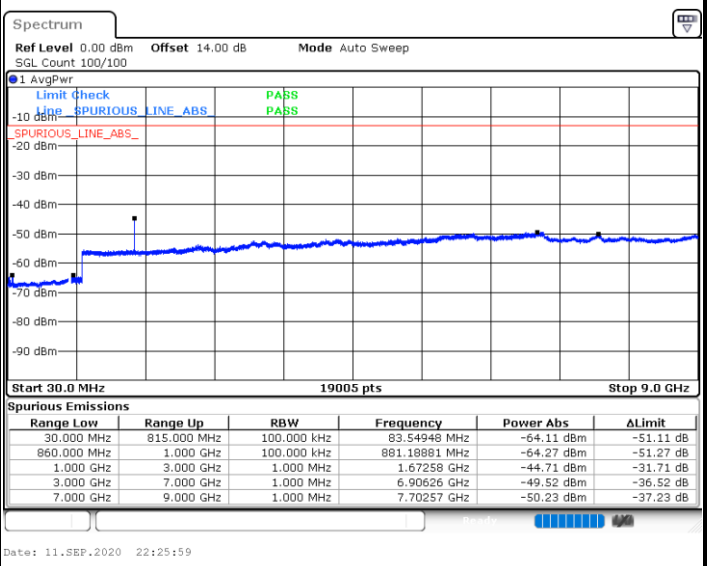


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.05772 MHz	-64.53 dBm	-51.53 dB
860.000 MHz	1.000 GHz	100.000 kHz	869.72028 MHz	-63.69 dBm	-50.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-44.19 dBm	-31.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92076 GHz	-49.28 dBm	-36.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71657 GHz	-50.16 dBm	-37.16 dB

Date: 11.SEP.2020 22:42:24

Middle Channel / 64QAM

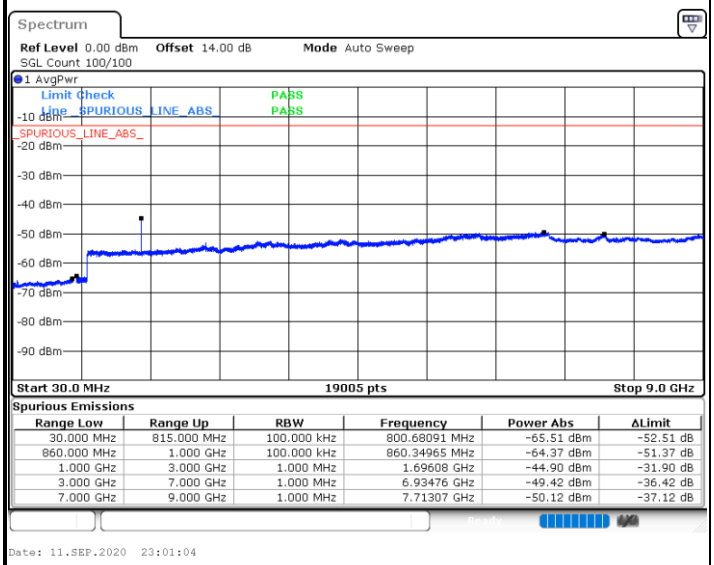


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-64.11 dBm	-51.11 dB
860.000 MHz	1.000 GHz	100.000 kHz	881.18881 MHz	-64.27 dBm	-51.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-44.71 dBm	-31.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90626 GHz	-49.52 dBm	-36.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70257 GHz	-50.23 dBm	-37.23 dB

Date: 11.SEP.2020 22:25:59

Highest Channel / 64QAM



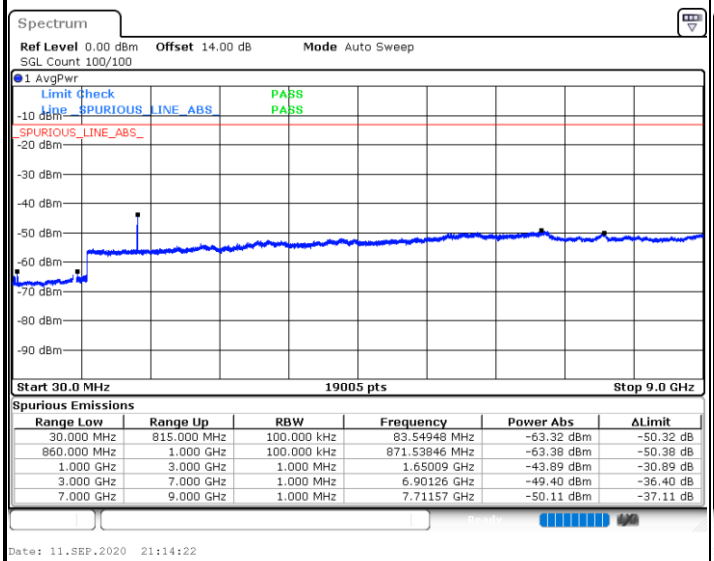
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	800.68091 MHz	-65.51 dBm	-52.51 dB
860.000 MHz	1.000 GHz	100.000 kHz	860.34965 MHz	-64.37 dBm	-51.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-44.90 dBm	-31.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93476 GHz	-49.42 dBm	-36.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71307 GHz	-50.12 dBm	-37.12 dB

Date: 11.SEP.2020 23:01:04

LTE Band 5 / 3MHz

Lowest Channel / 64QAM

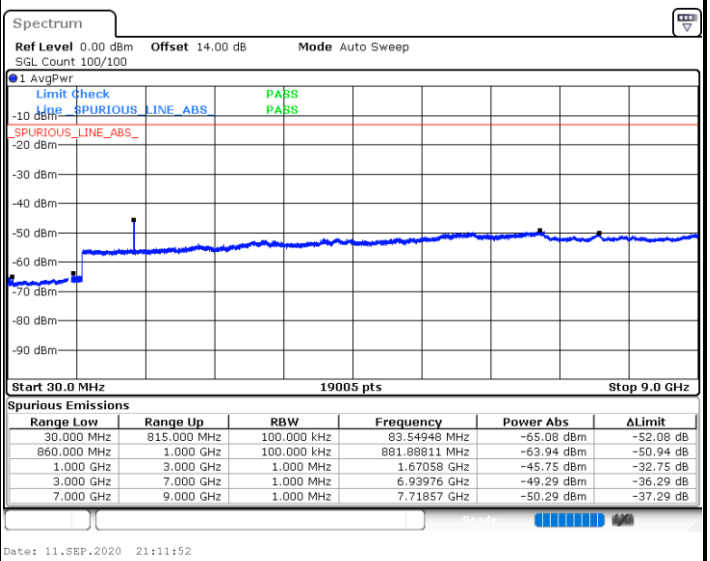


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.32 dBm	-50.32 dB
860.000 MHz	1.000 GHz	100.000 kHz	871.53846 MHz	-63.38 dBm	-50.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-43.89 dBm	-30.89 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90126 GHz	-49.40 dBm	-36.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71157 GHz	-50.11 dBm	-37.11 dB

Date: 11.SEP.2020 21:14:22

Middle Channel / 64QAM

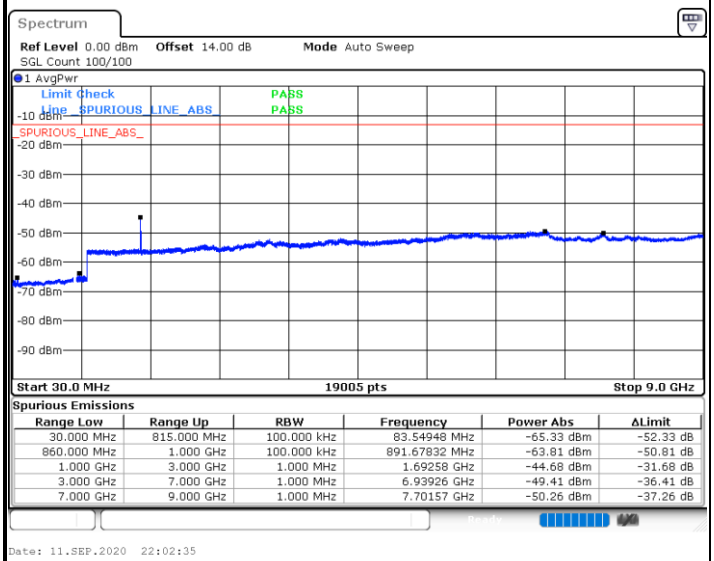


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-65.08 dBm	-52.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	881.88811 MHz	-63.94 dBm	-50.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-45.75 dBm	-32.75 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93976 GHz	-49.29 dBm	-36.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71857 GHz	-50.29 dBm	-37.29 dB

Date: 11.SEP.2020 21:11:52

Highest Channel / 64QAM



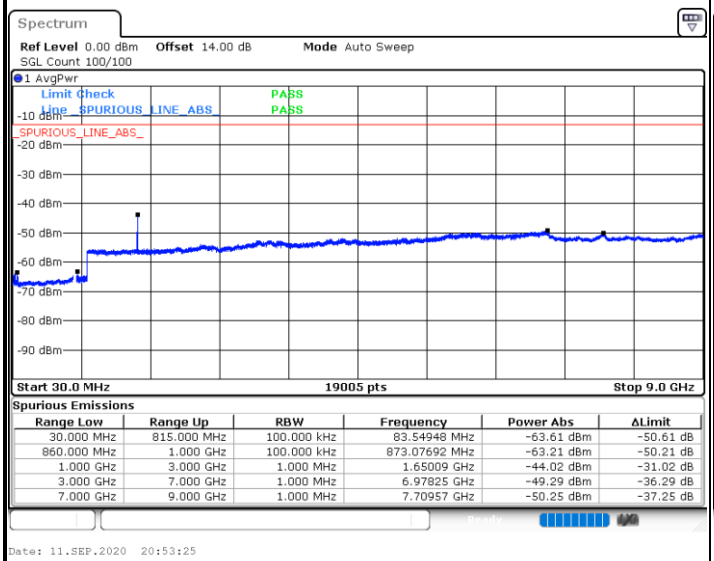
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-65.33 dBm	-52.33 dB
860.000 MHz	1.000 GHz	100.000 kHz	891.67832 MHz	-63.81 dBm	-50.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-44.68 dBm	-31.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93926 GHz	-49.41 dBm	-36.41 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70157 GHz	-50.26 dBm	-37.26 dB

Date: 11.SEP.2020 22:02:35

LTE Band 5 / 5MHz

Lowest Channel / 64QAM

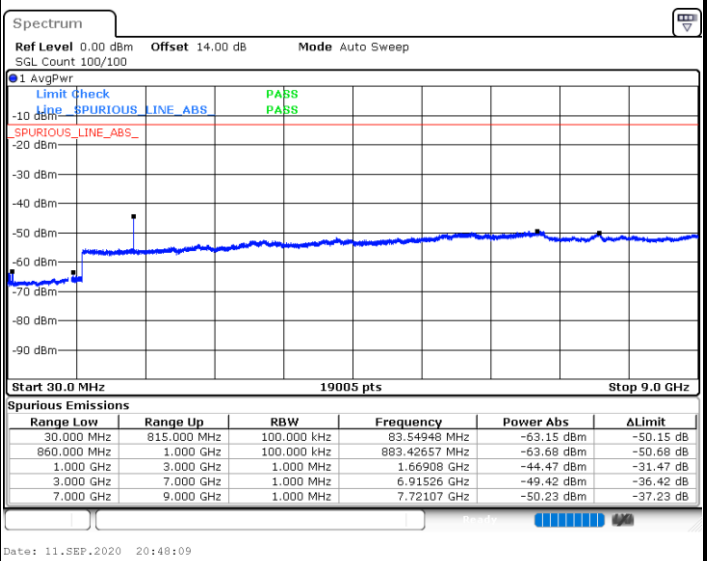


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.61 dBm	-50.61 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.07692 MHz	-63.21 dBm	-50.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-44.02 dBm	-31.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97825 GHz	-49.29 dBm	-36.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70957 GHz	-50.25 dBm	-37.25 dB

Date: 11.SEP.2020 20:53:25

Middle Channel / 64QAM

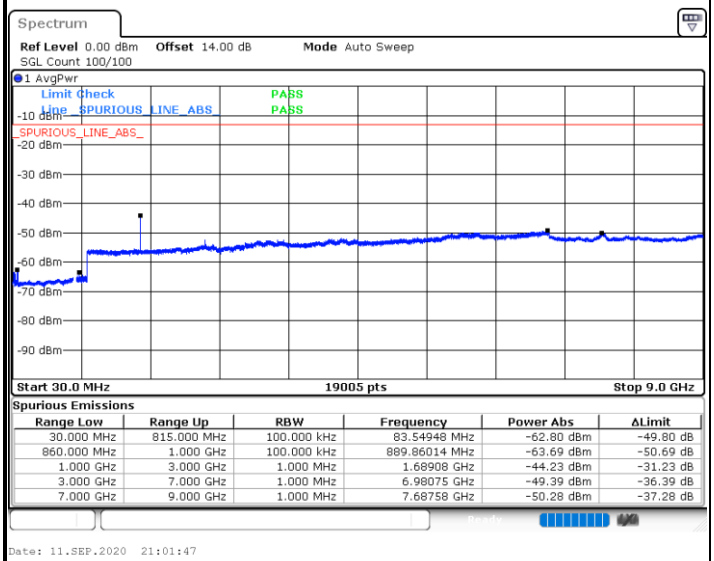


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.15 dBm	-50.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	883.42657 MHz	-63.68 dBm	-50.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-44.47 dBm	-31.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91526 GHz	-49.42 dBm	-36.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.72107 GHz	-50.23 dBm	-37.23 dB

Date: 11.SEP.2020 20:48:09

Highest Channel / 64QAM



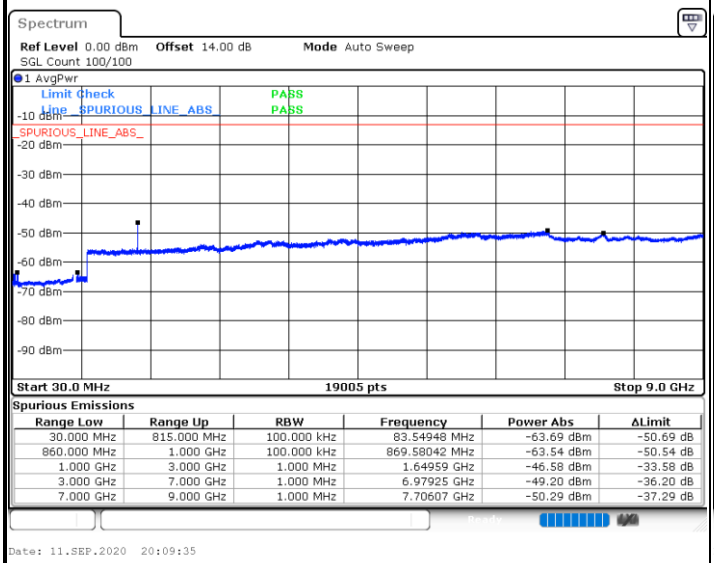
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-62.80 dBm	-49.80 dB
860.000 MHz	1.000 GHz	100.000 kHz	889.86014 MHz	-63.69 dBm	-50.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-44.23 dBm	-31.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-49.39 dBm	-36.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.68758 GHz	-50.28 dBm	-37.28 dB

Date: 11.SEP.2020 21:01:47

LTE Band 5 / 10MHz

Lowest Channel / 64QAM

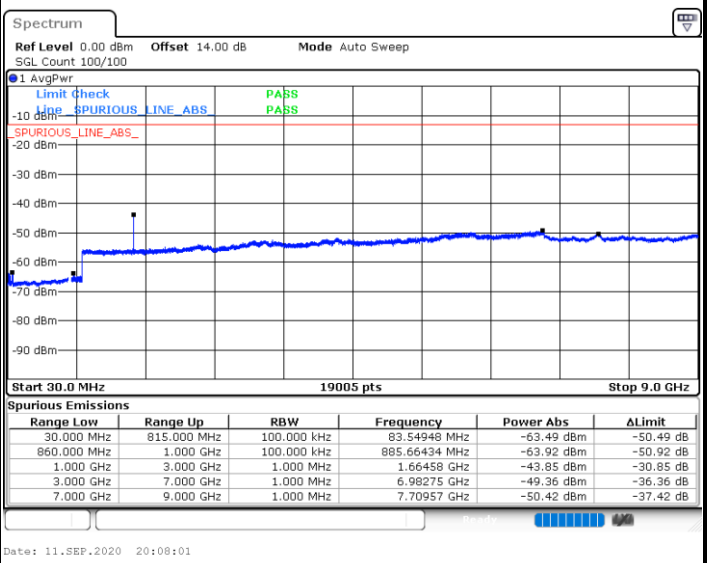


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.69 dBm	-50.69 dB
860.000 MHz	1.000 GHz	100.000 kHz	869.58042 MHz	-63.54 dBm	-50.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97925 GHz	-49.20 dBm	-36.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70607 GHz	-50.29 dBm	-37.29 dB

Date: 11.SEP.2020 20:09:35

Middle Channel / 64QAM

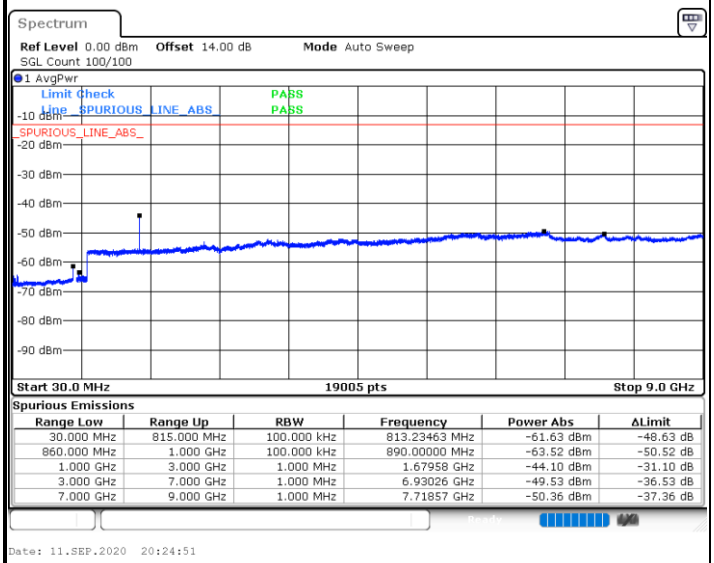


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	83.54948 MHz	-63.49 dBm	-50.49 dB
860.000 MHz	1.000 GHz	100.000 kHz	885.66434 MHz	-63.92 dBm	-50.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-43.85 dBm	-30.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98275 GHz	-49.36 dBm	-36.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.70957 GHz	-50.42 dBm	-37.42 dB

Date: 11.SEP.2020 20:08:01

Highest 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	-61.63 dBm	-48.63 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.00000 MHz	-63.52 dBm	-50.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-44.10 dBm	-31.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93026 GHz	-49.53 dBm	-36.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.71857 GHz	-50.36 dBm	-37.36 dB

Date: 11.SEP.2020 20:24:51

Frequency Stability

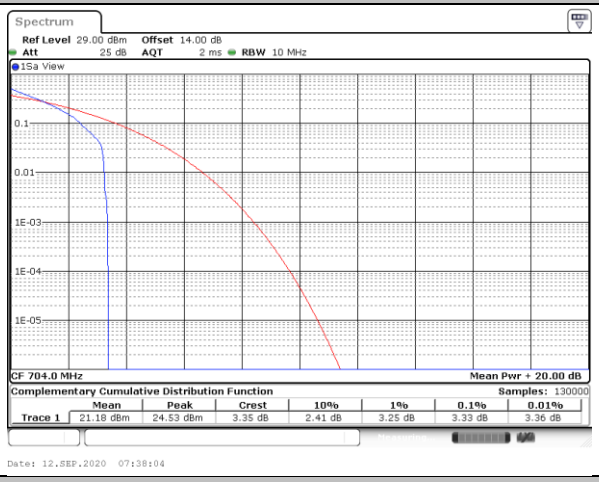
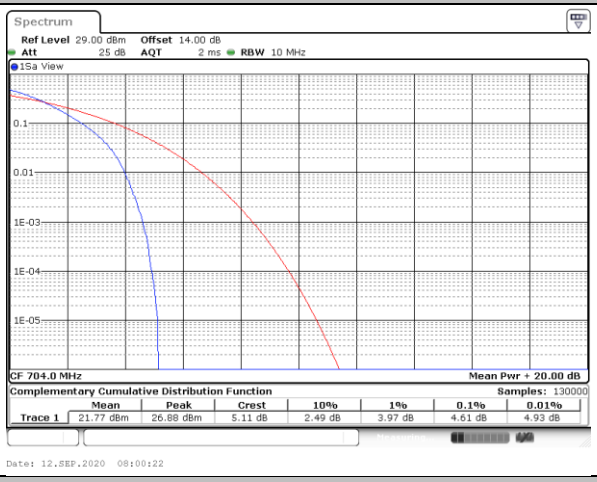
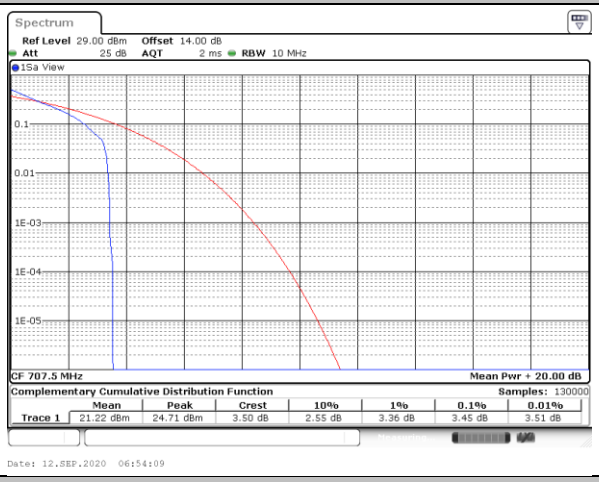
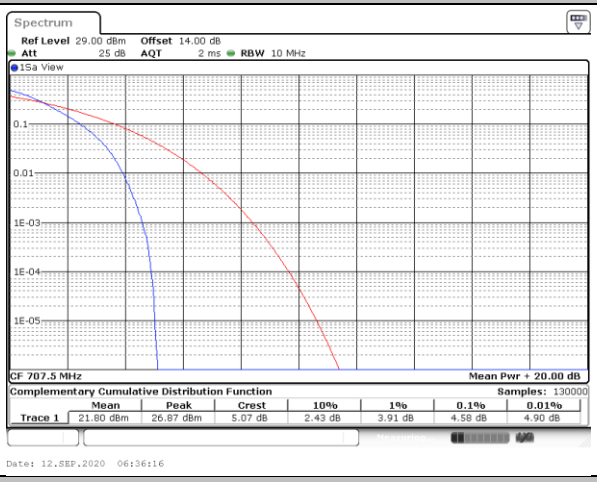
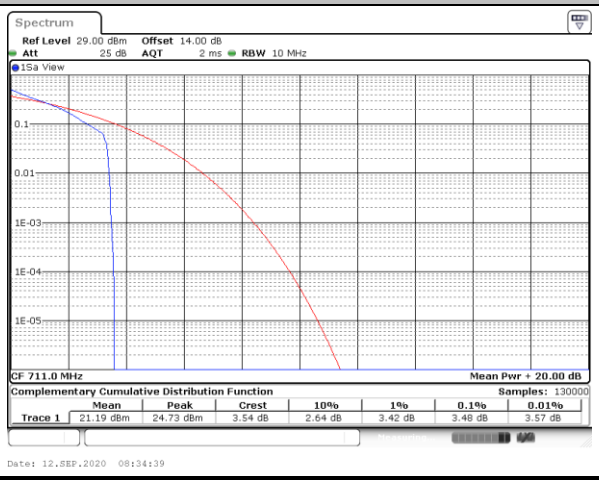
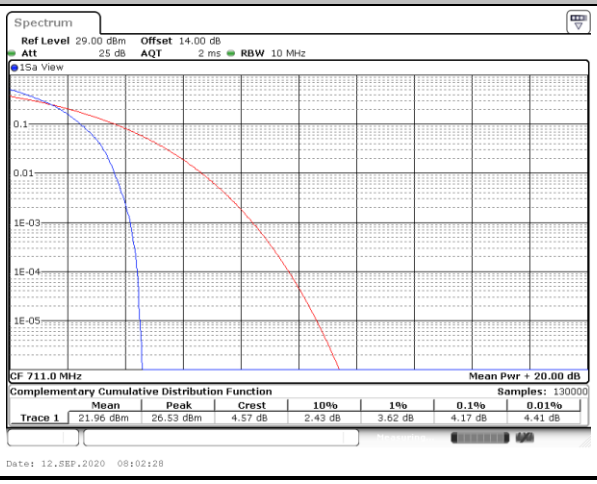
Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

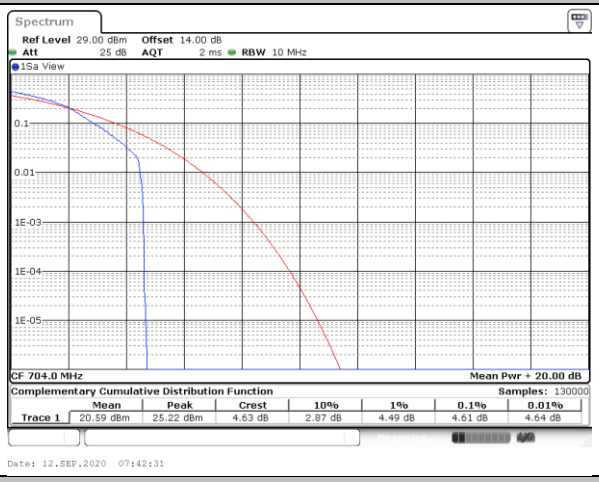
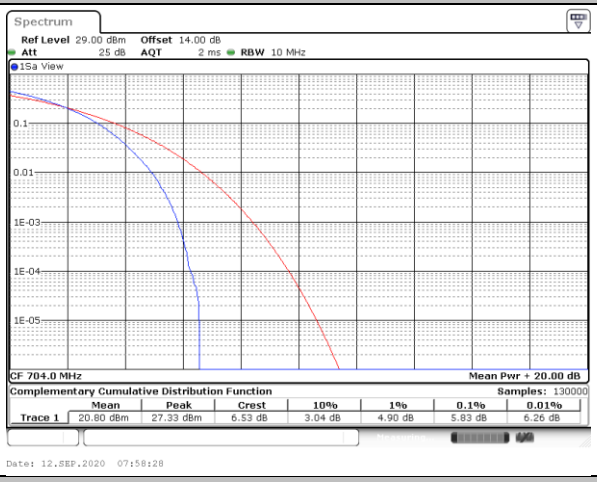
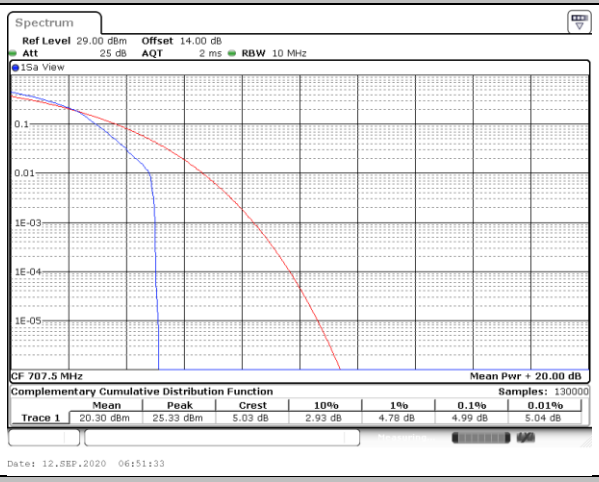
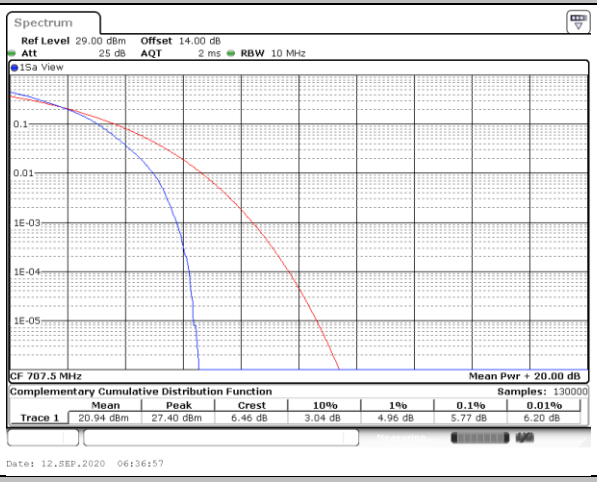
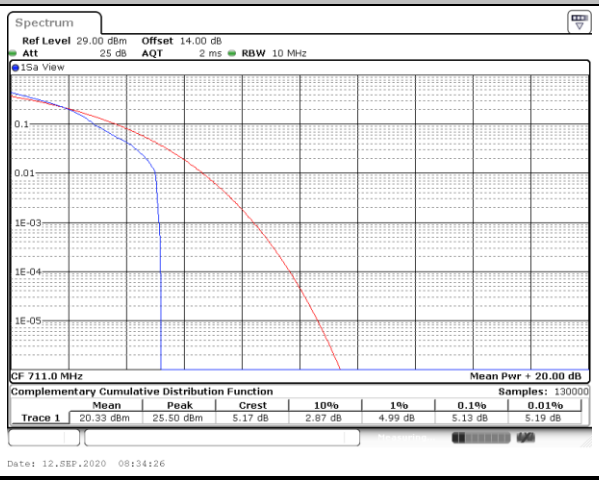
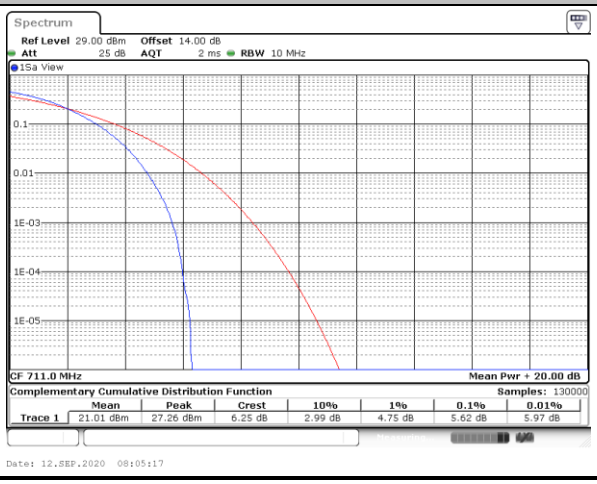
Note: Normal Voltage =4.0 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.0 V.

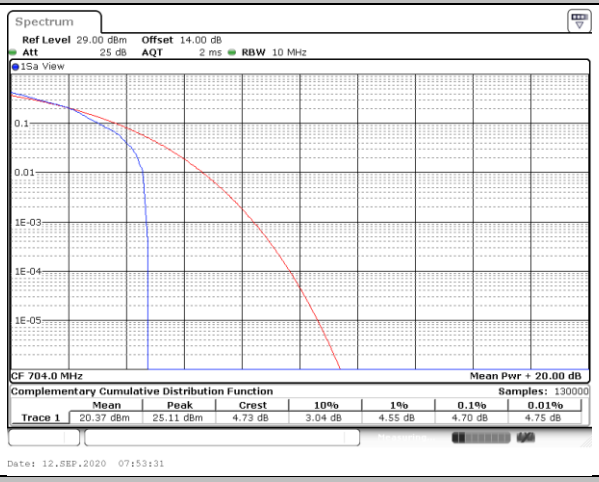
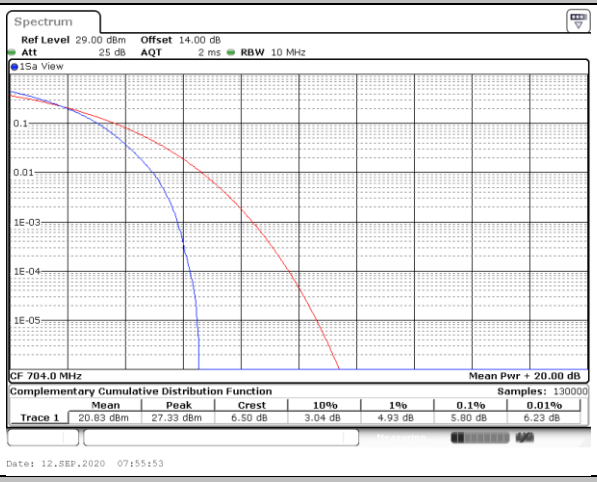
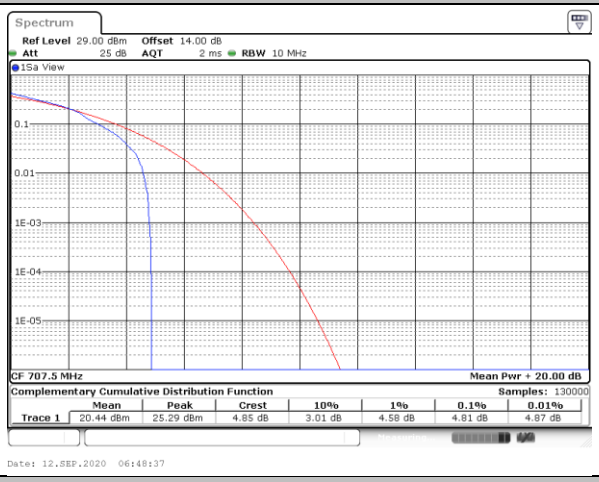
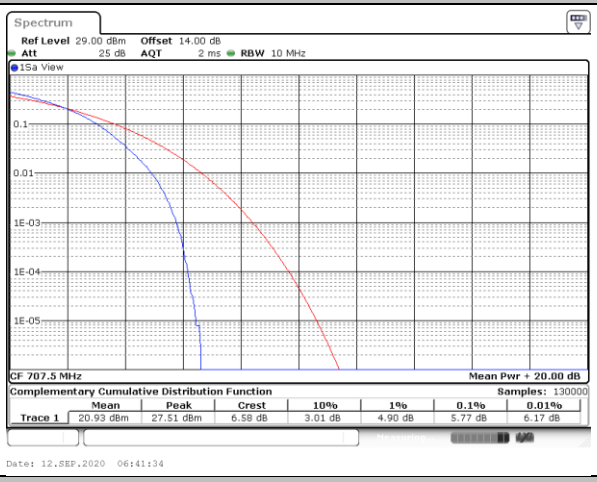
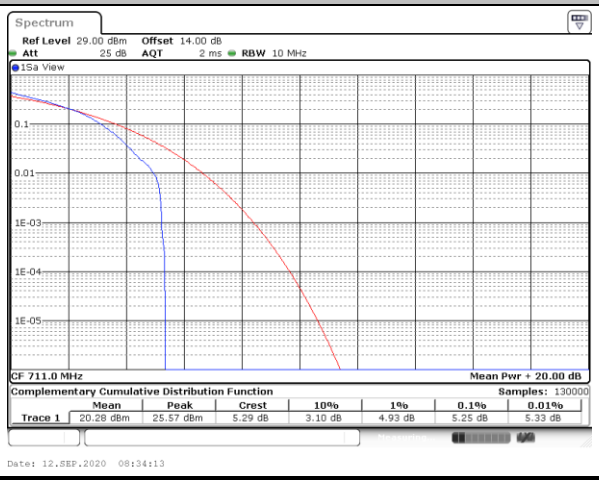
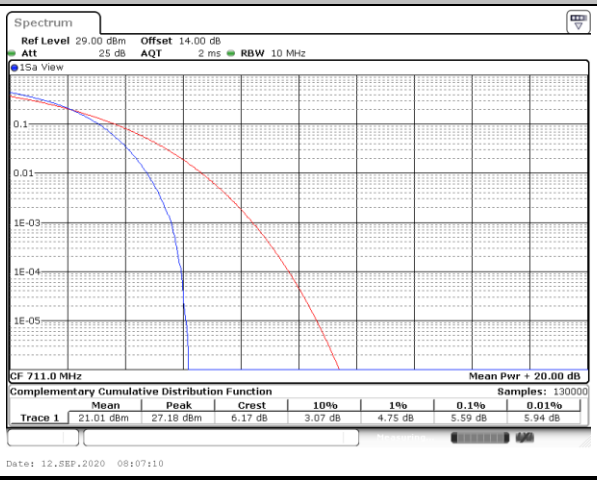
LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.33	4.61	4.61	5.83	PASS
Middle CH	3.45	4.58	4.99	5.77	
Highest CH	3.48	4.17	5.13	5.62	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.70	5.80	-	-	PASS
Middle CH	4.81	5.77	-	-	
Highest CH	5.25	5.59	-	-	

LTE Band 12 / 10MHz / QPSK	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

LTE Band 12 / 10MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

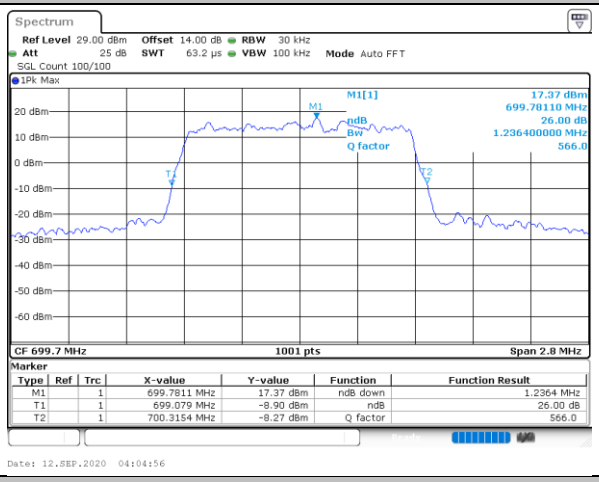
LTE Band 12 / 10MHz / 64QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

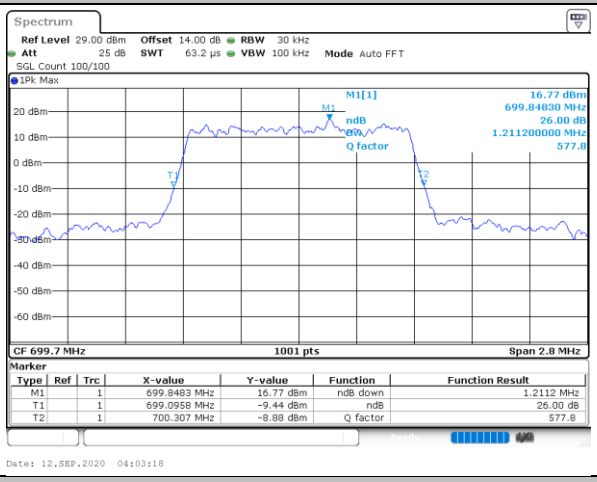
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.24	1.21	2.97	2.99	4.91	4.89	9.67	9.71	-	-	-	-
Middle CH	1.22	1.24	3.05	3.06	4.91	4.86	9.75	9.87	-	-	-	-
Highest CH	1.24	1.24	3.03	3.06	4.92	4.80	9.69	9.71	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.06	-	4.90	-	9.79	-	-	-	-	-
Middle CH	1.21	-	3.03	-	4.89	-	9.65	-	-	-	-	-
Highest CH	1.24	-	3.03	-	4.82	-	9.61	-	-	-	-	-

LTE Band 12

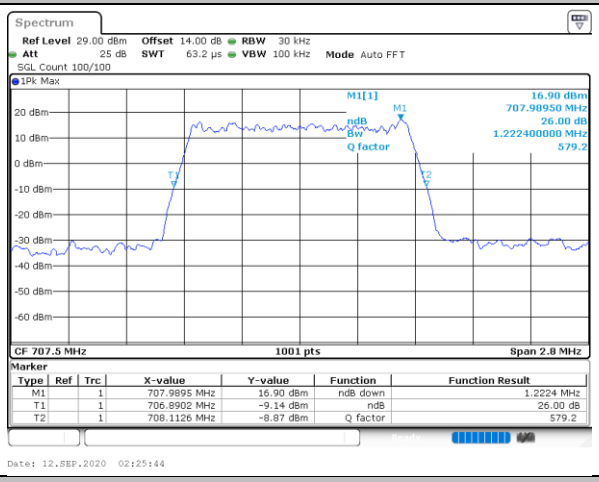
Lowest Channel / 1.4MHz / QPSK



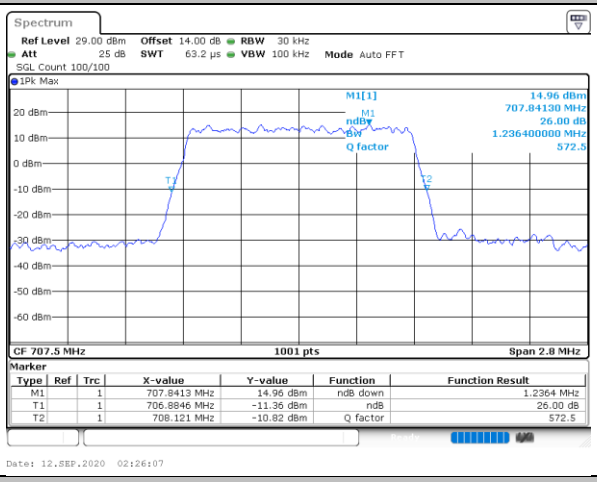
Lowest Channel / 1.4MHz / 16QAM



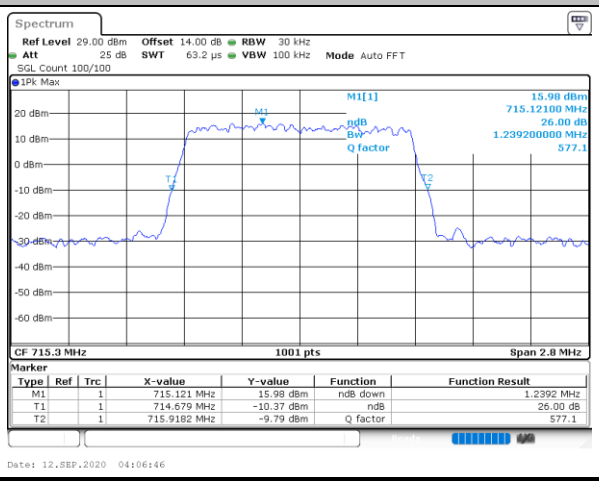
Middle Channel / 1.4MHz / QPSK



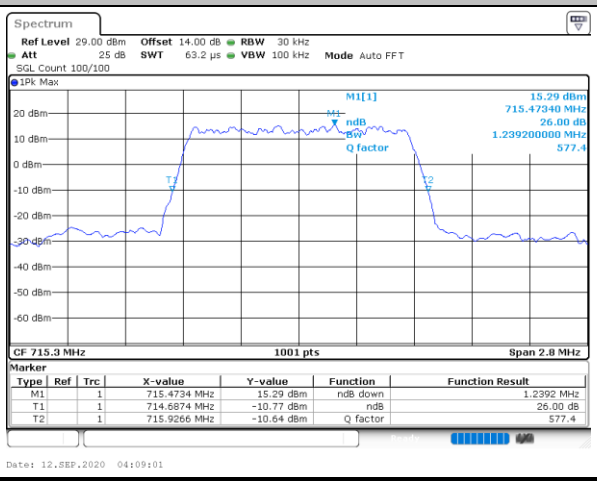
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

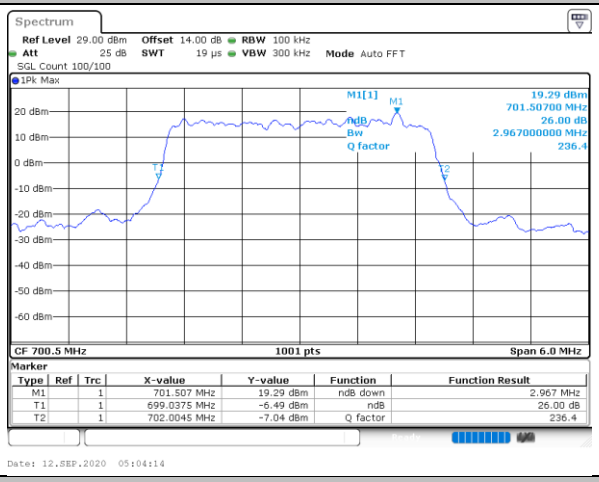


Highest Channel / 1.4MHz / 16QAM

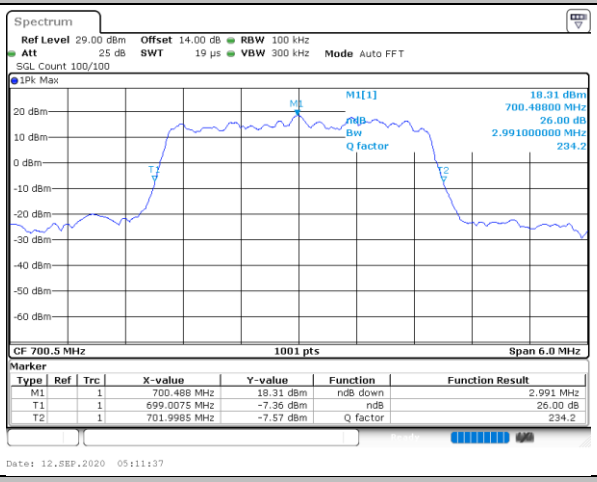


LTE Band 12

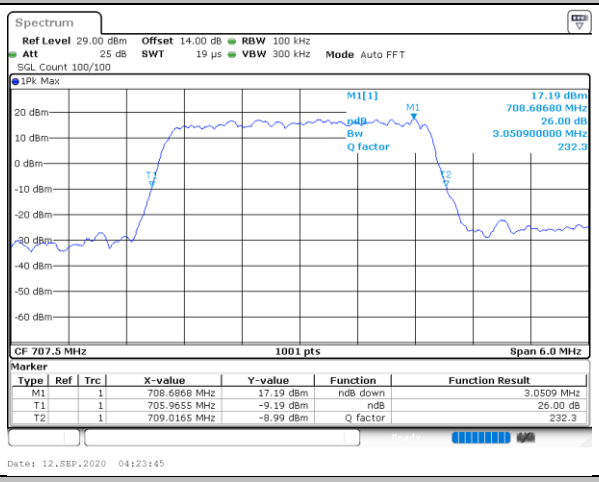
Lowest Channel / 3MHz / QPSK



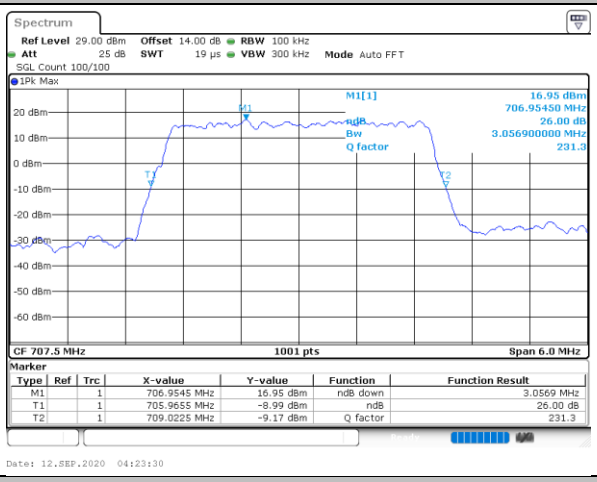
Lowest Channel / 3MHz / 16QAM



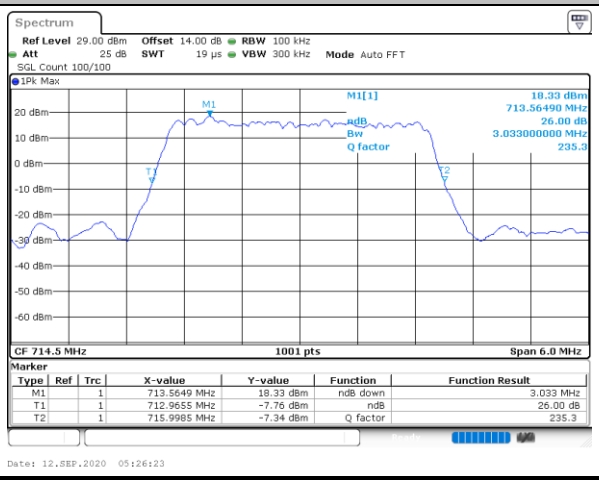
Middle Channel / 3MHz / QPSK



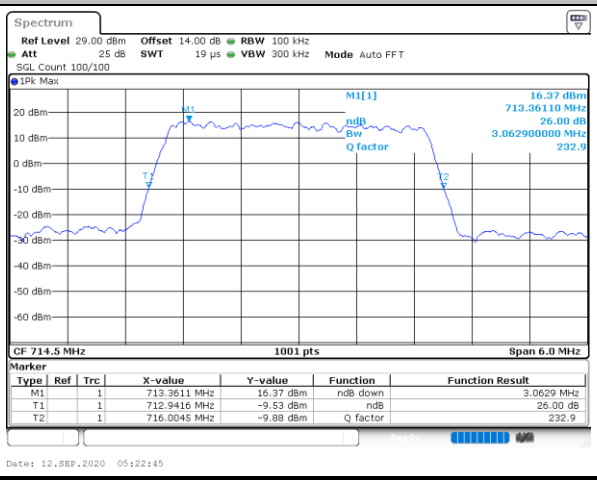
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

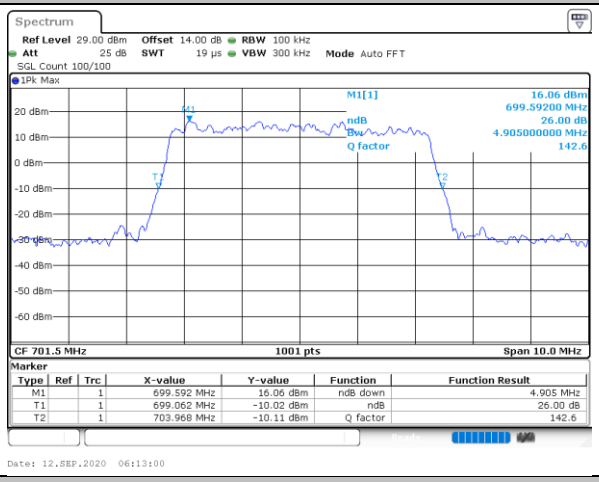


Highest Channel / 3MHz / 16QAM

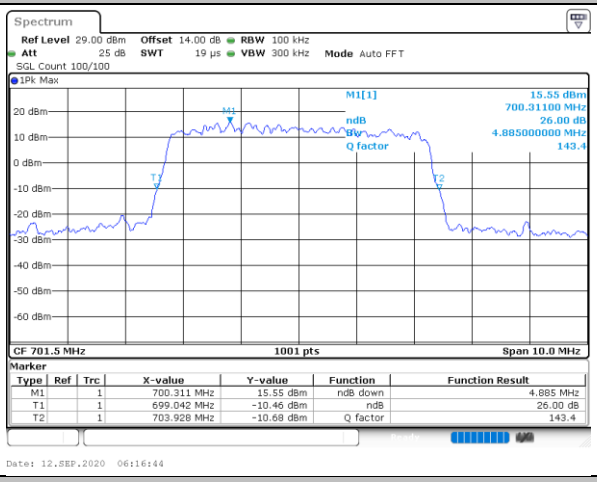


LTE Band 12

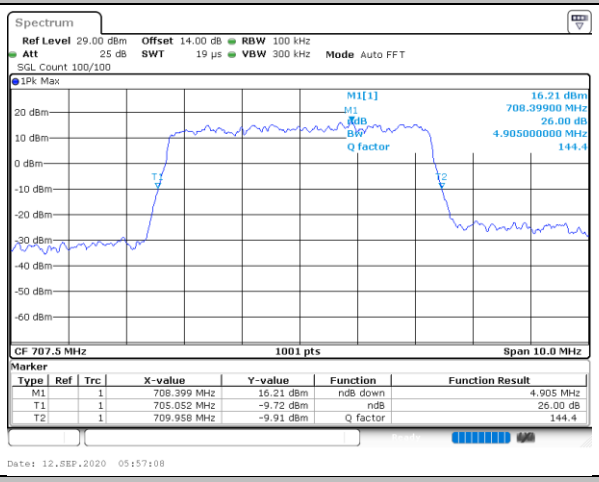
Lowest Channel / 5MHz / QPSK



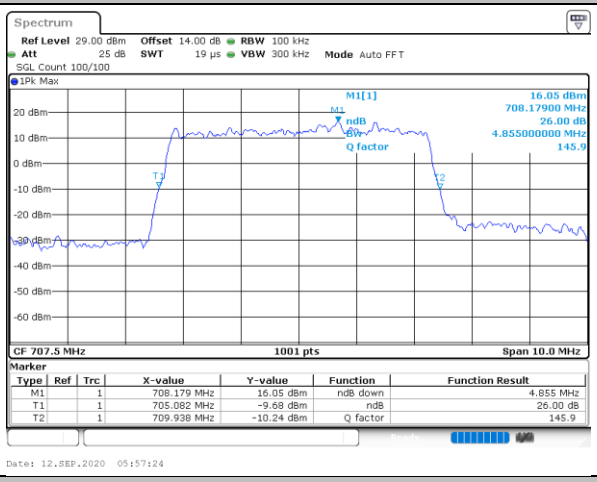
Lowest Channel / 5MHz / 16QAM



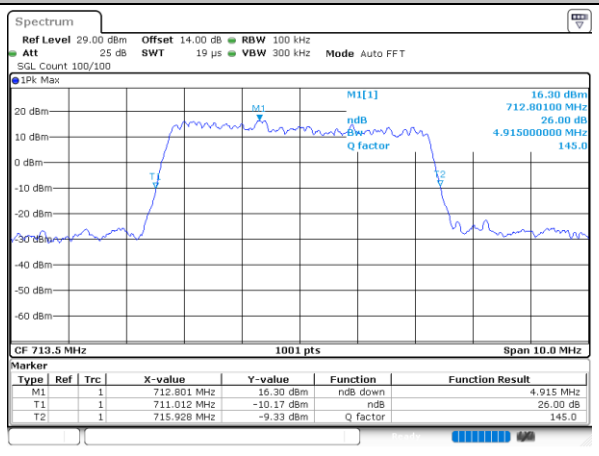
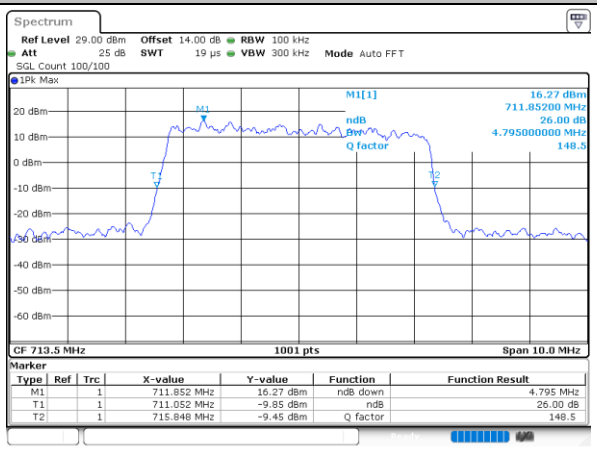
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM