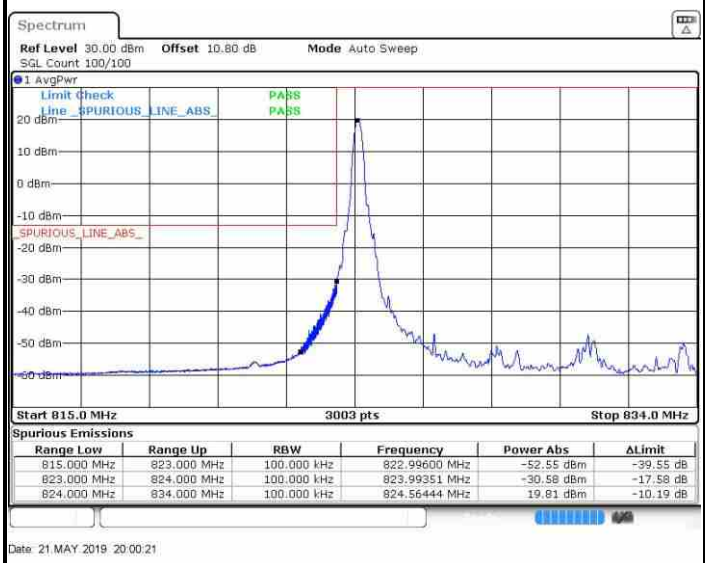
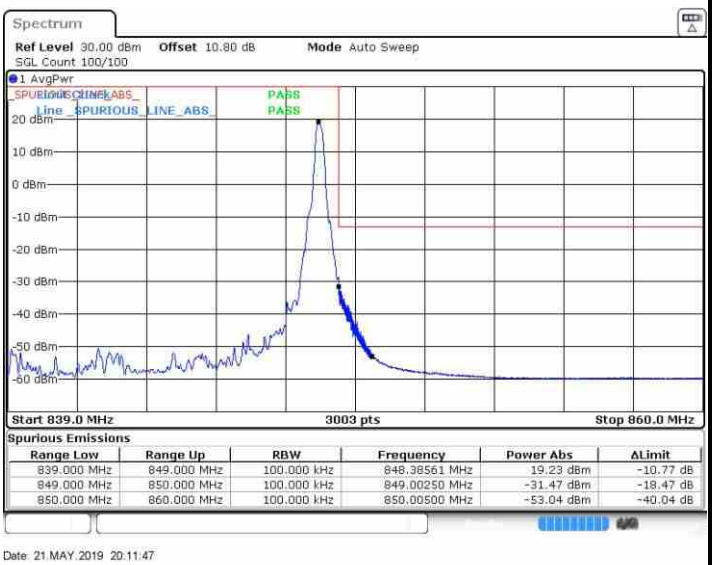
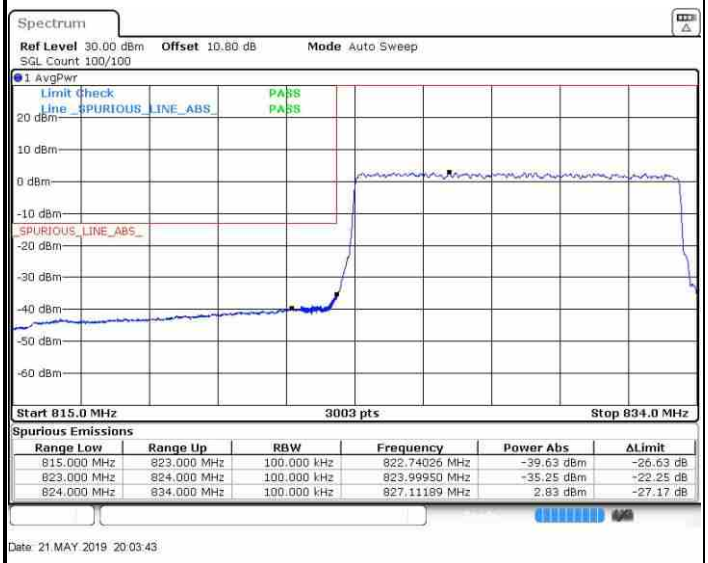
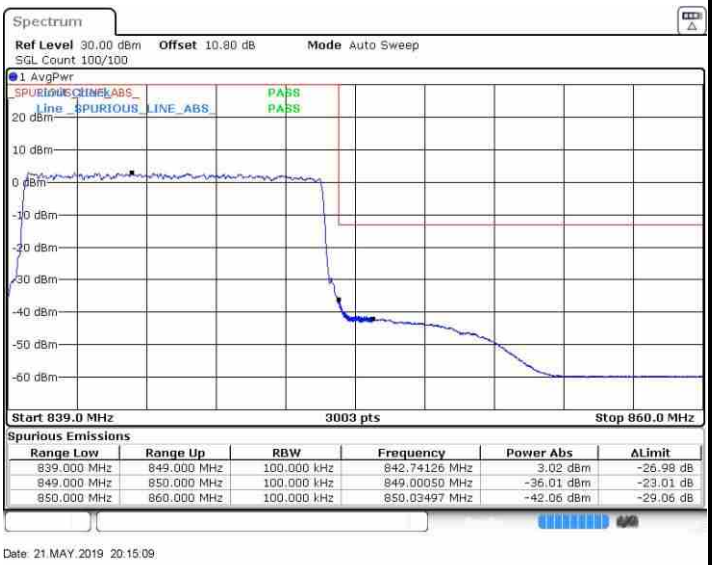
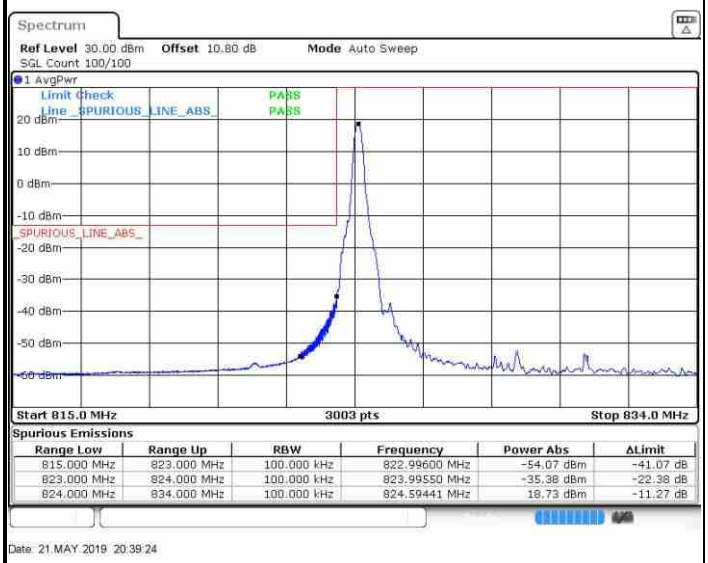
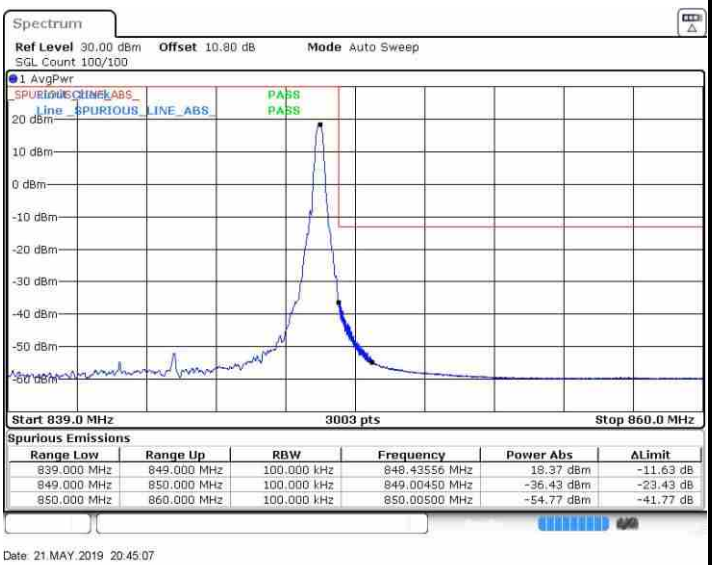
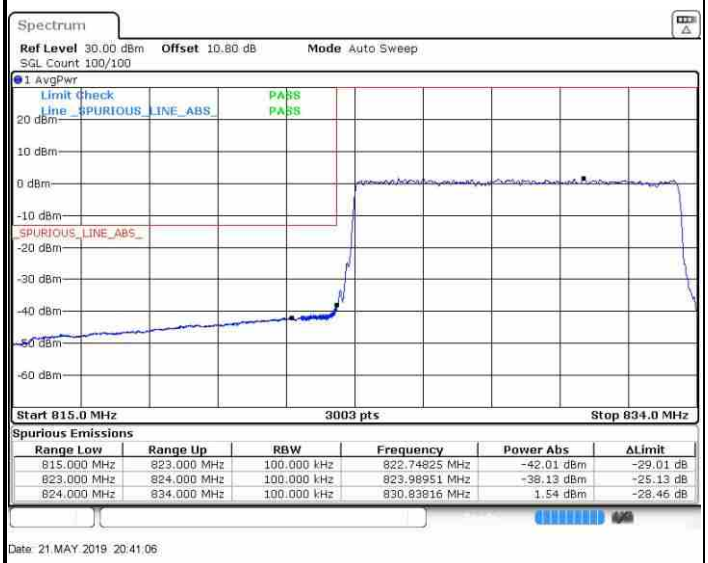
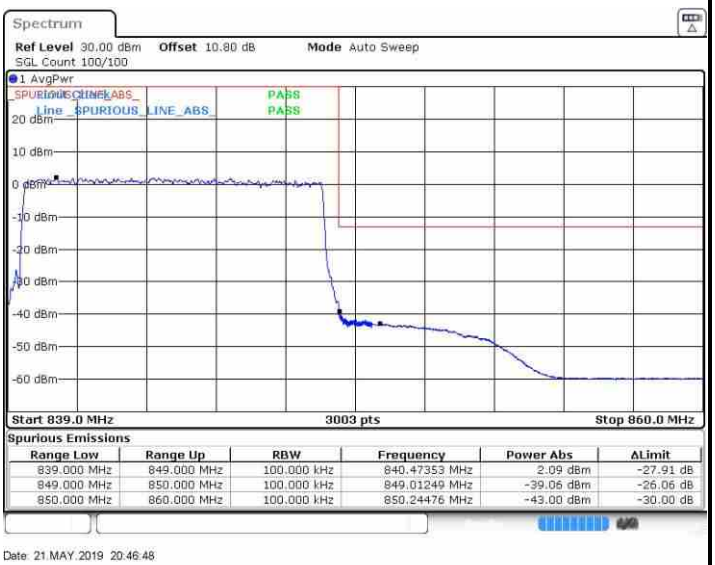
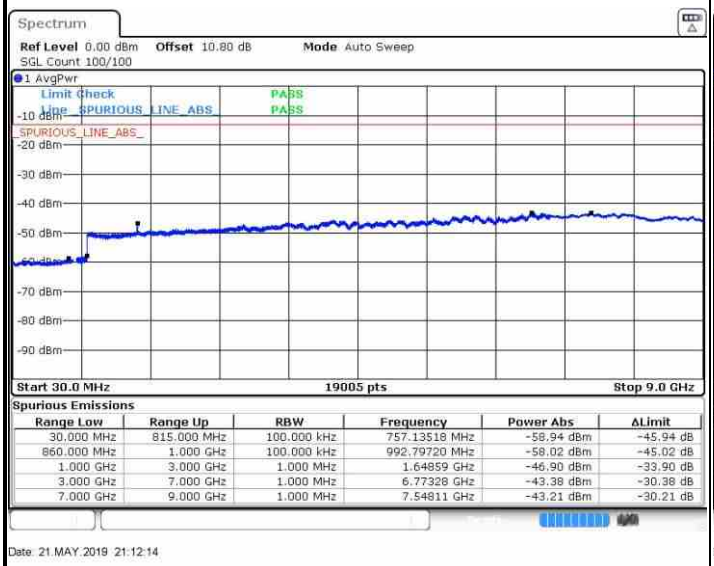
LTE Band 5 / 10MHz / 16QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

LTE Band 5 / 10MHz / 64QAM	
Lowest Band Edge / 1 RB	**Highest Band Edge / 1 RB**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

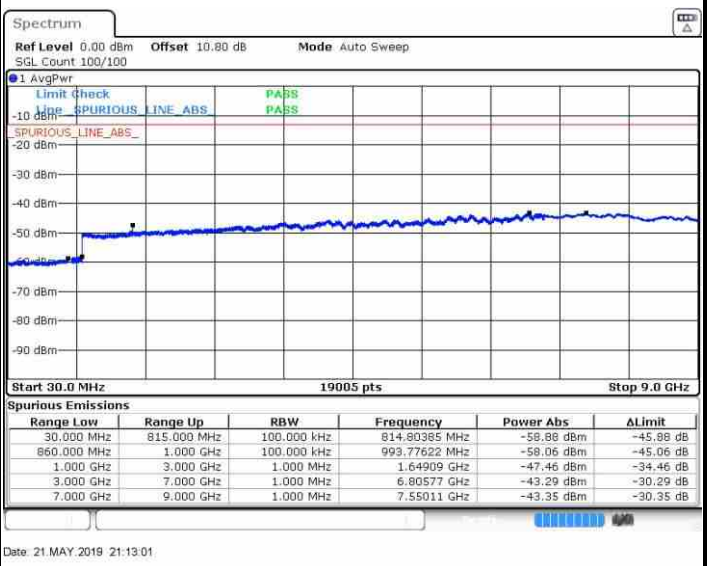


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	757.13518 MHz	-58.94 dBm	-45.94 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.79720 MHz	-58.02 dBm	-45.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77328 GHz	-43.38 dBm	-30.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54811 GHz	-43.21 dBm	-30.21 dB

Date: 21.MAY.2019 21:12:14

Lowest Channel / 16QAM

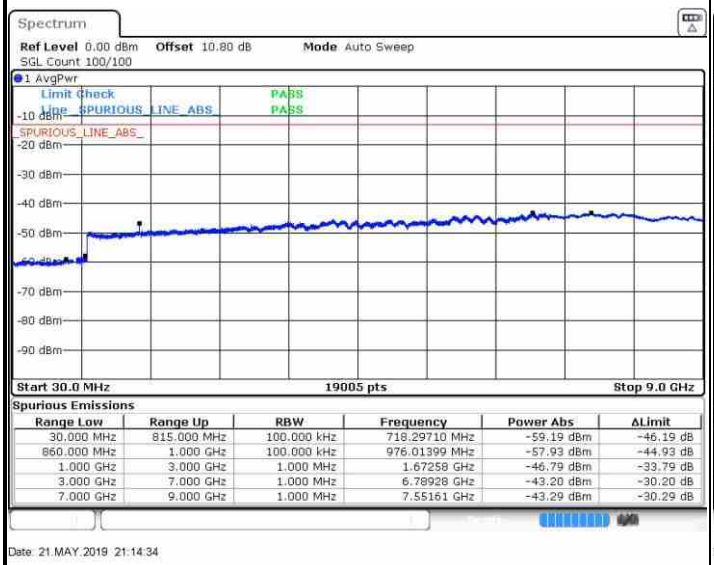


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-58.88 dBm	-45.88 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.77622 MHz	-58.06 dBm	-45.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-47.46 dBm	-34.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80577 GHz	-43.29 dBm	-30.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55011 GHz	-43.35 dBm	-30.35 dB

Date: 21.MAY.2019 21:13:01

Middle Channel / QPSK

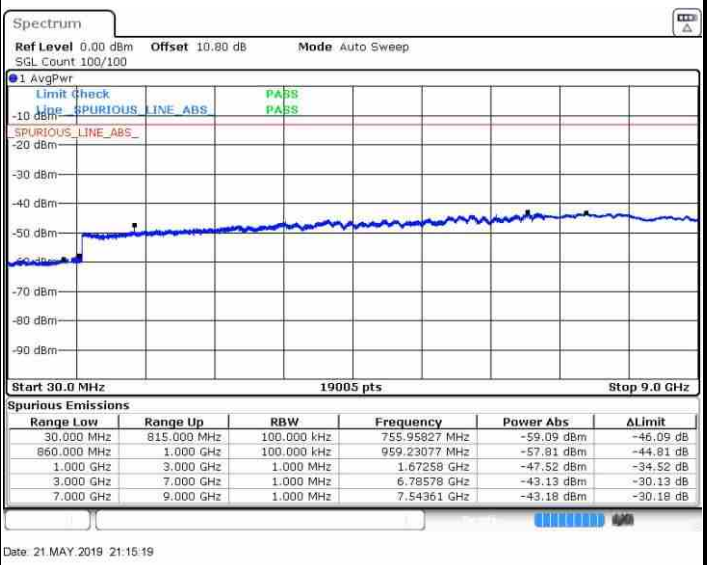


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	718.29710 MHz	-59.19 dBm	-46.19 dB
860.000 MHz	1.000 GHz	100.000 kHz	976.01399 MHz	-57.93 dBm	-44.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78928 GHz	-43.20 dBm	-30.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55161 GHz	-43.29 dBm	-30.29 dB

Date: 21.MAY.2019 21:14:34

Middle Channel / 16QAM



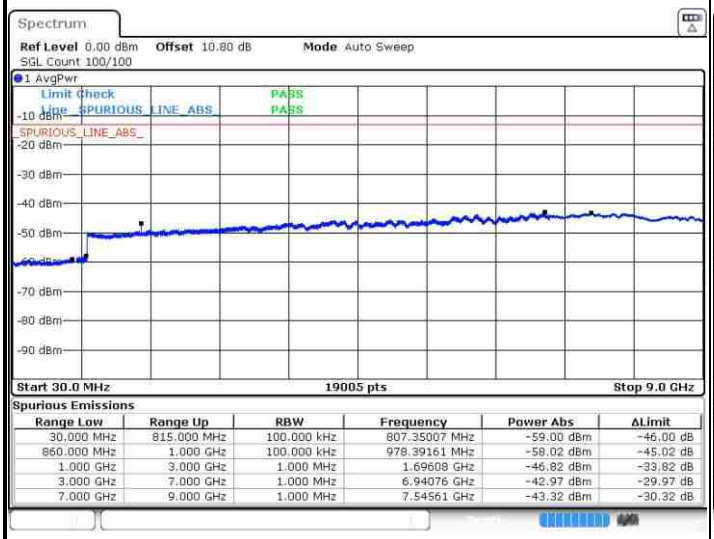
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	755.95827 MHz	-59.09 dBm	-46.09 dB
860.000 MHz	1.000 GHz	100.000 kHz	959.23077 MHz	-57.81 dBm	-44.81 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-47.52 dBm	-34.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78578 GHz	-43.13 dBm	-30.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54361 GHz	-43.18 dBm	-30.18 dB

Date: 21.MAY.2019 21:15:19

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

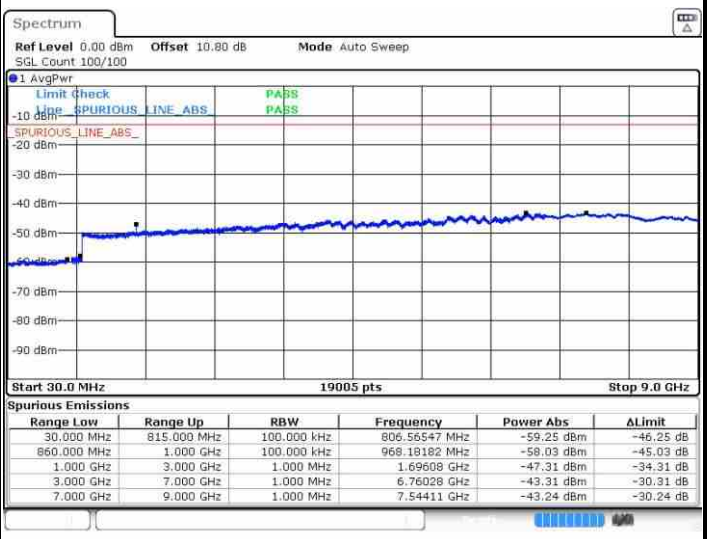


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	807.35007 MHz	-59.00 dBm	-46.00 dB
860.000 MHz	1.000 GHz	100.000 kHz	978.39161 MHz	-58.02 dBm	-45.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94076 GHz	-42.97 dBm	-29.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54561 GHz	-43.32 dBm	-30.32 dB

Date: 21.MAY.2019 21:23:39

Highest Channel / 16QAM



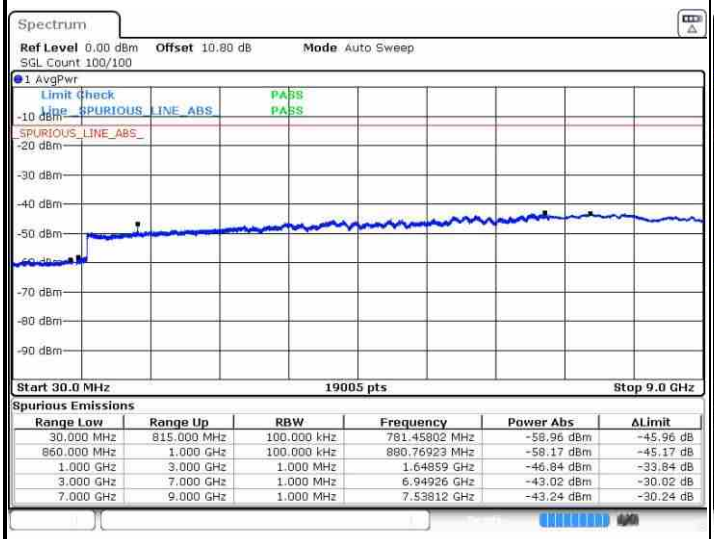
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.56547 MHz	-59.25 dBm	-46.25 dB
860.000 MHz	1.000 GHz	100.000 kHz	968.18182 MHz	-58.03 dBm	-45.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69608 GHz	-47.31 dBm	-34.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76028 GHz	-43.31 dBm	-30.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54411 GHz	-43.24 dBm	-30.24 dB

Date: 21.MAY.2019 21:24:25

LTE Band 5 / 3MHz

Lowest Channel / QPSK

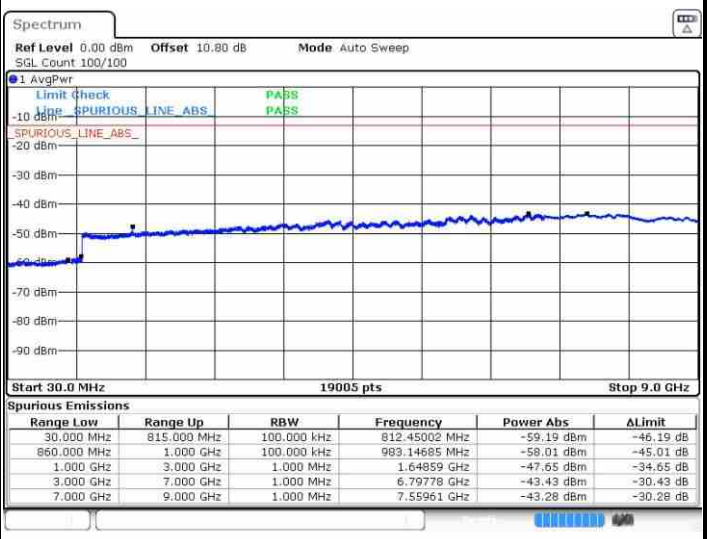


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	781.45802 MHz	-58.96 dBm	-45.96 dB
860.000 MHz	1.000 GHz	100.000 kHz	880.76923 MHz	-58.17 dBm	-45.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94926 GHz	-43.02 dBm	-30.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.53812 GHz	-43.24 dBm	-30.24 dB

Date: 21.MAY.2019 19:23:25

Lowest Channel / 16QAM



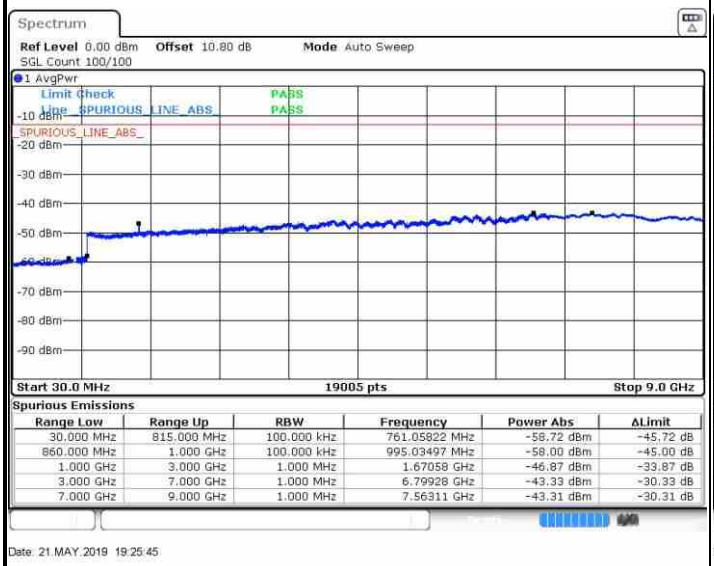
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-59.19 dBm	-46.19 dB
860.000 MHz	1.000 GHz	100.000 kHz	983.14685 MHz	-58.01 dBm	-45.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64859 GHz	-47.65 dBm	-34.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79778 GHz	-43.43 dBm	-30.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55961 GHz	-43.28 dBm	-30.28 dB

Date: 21.MAY.2019 19:24:12

LTE Band 5 / 3MHz

Middle Channel / QPSK

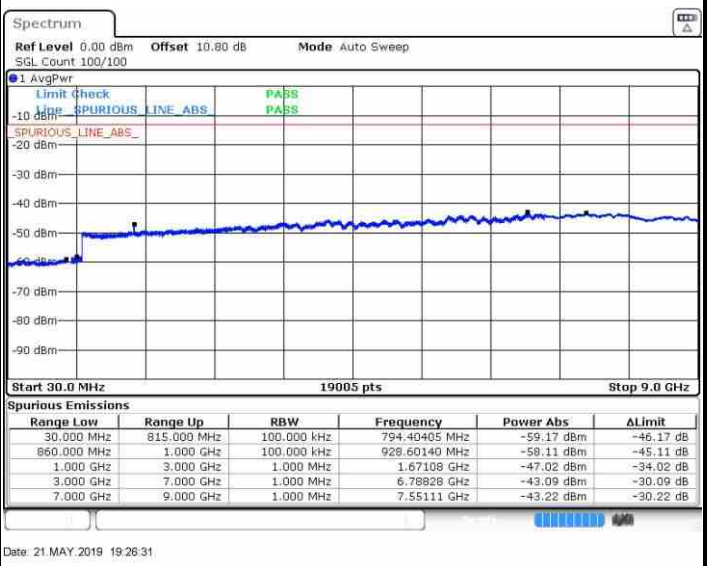


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	761.05822 MHz	-58.72 dBm	-45.72 dB
860.000 MHz	1.000 GHz	100.000 kHz	995.03497 MHz	-58.00 dBm	-45.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-46.87 dBm	-33.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79928 GHz	-43.33 dBm	-30.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56311 GHz	-43.31 dBm	-30.31 dB

Date: 21.MAY.2019 19:25:45

Middle Channel / 16QAM

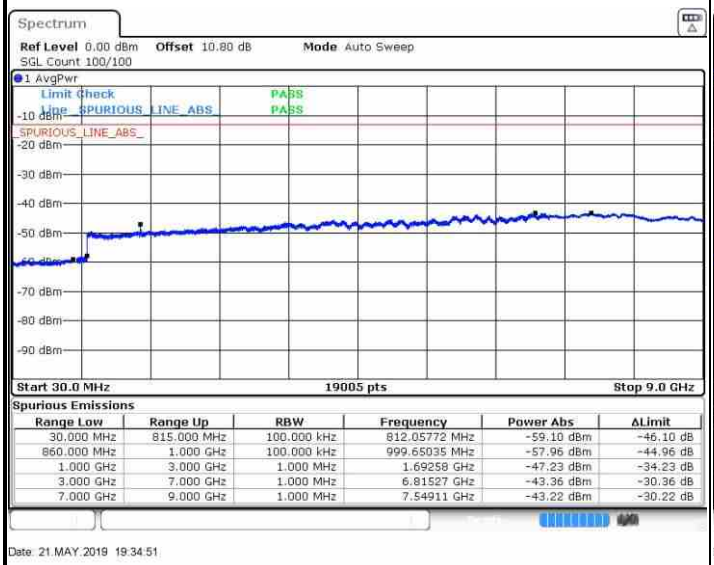


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	794.40405 MHz	-59.17 dBm	-46.17 dB
860.000 MHz	1.000 GHz	100.000 kHz	928.60140 MHz	-58.11 dBm	-45.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67108 GHz	-47.02 dBm	-34.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78828 GHz	-43.09 dBm	-30.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55111 GHz	-43.22 dBm	-30.22 dB

Date: 21.MAY.2019 19:26:31

Highest Channel / QPSK

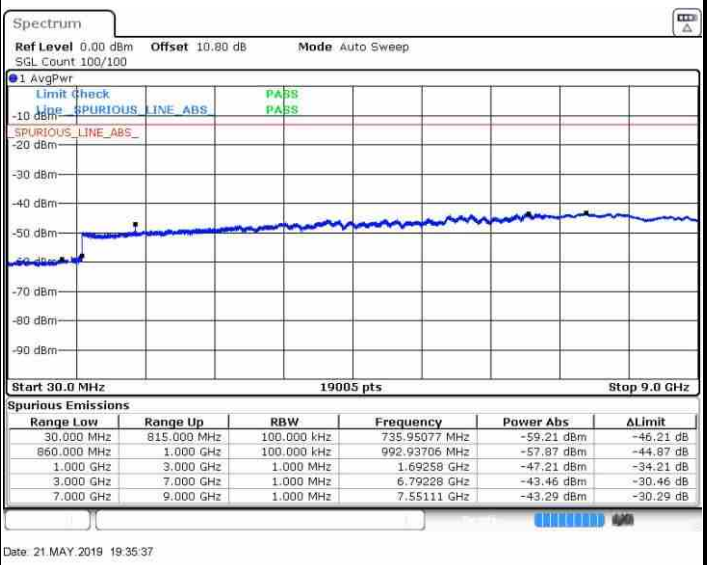


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.05772 MHz	-59.10 dBm	-46.10 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.65035 MHz	-57.96 dBm	-44.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-47.23 dBm	-34.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81527 GHz	-43.36 dBm	-30.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54911 GHz	-43.22 dBm	-30.22 dB

Date: 21.MAY.2019 19:34:51

Highest Channel / 16QAM



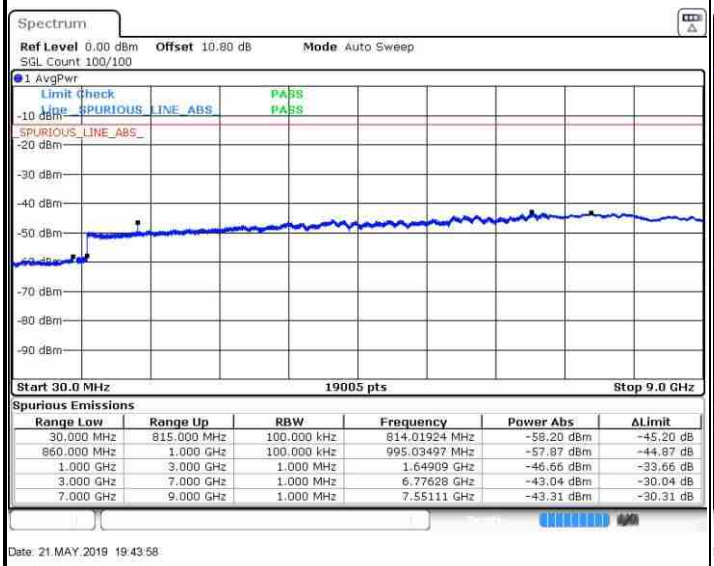
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	735.95077 MHz	-59.21 dBm	-46.21 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.93706 MHz	-57.87 dBm	-44.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-47.21 dBm	-34.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79228 GHz	-43.46 dBm	-30.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55111 GHz	-43.29 dBm	-30.29 dB

Date: 21.MAY.2019 19:35:37

LTE Band 5 / 5MHz

Lowest Channel / QPSK

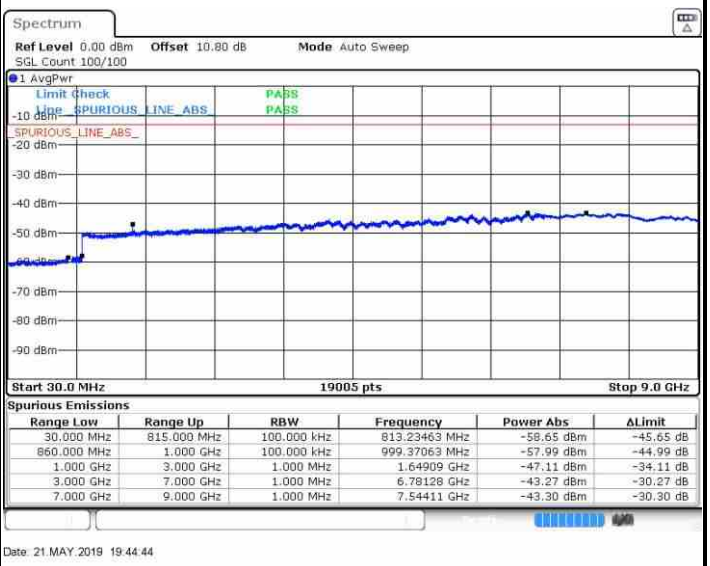


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-58.20 dBm	-45.20 dB
860.000 MHz	1.000 GHz	100.000 kHz	995.03497 MHz	-57.87 dBm	-44.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.66 dBm	-33.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77628 GHz	-43.04 dBm	-30.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55111 GHz	-43.31 dBm	-30.31 dB

Date: 21.MAY.2019 19:43:58

Lowest Channel / 16QAM

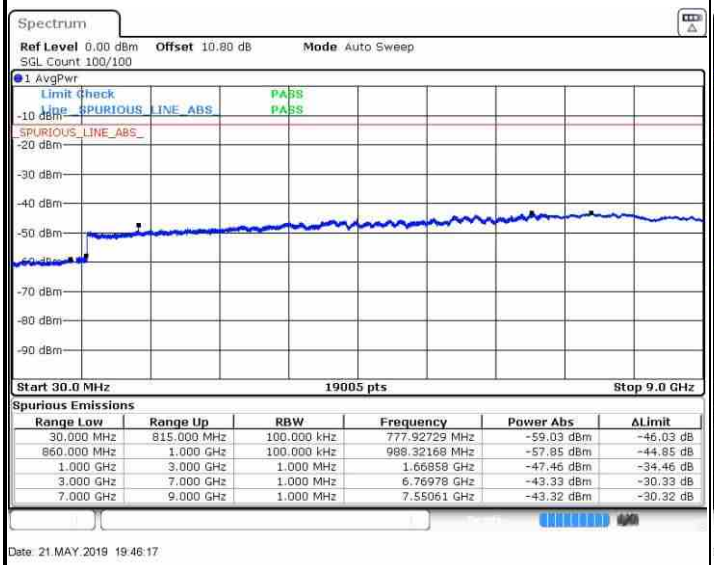


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-58.65 dBm	-45.65 dB
860.000 MHz	1.000 GHz	100.000 kHz	999.37063 MHz	-57.99 dBm	-44.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-47.11 dBm	-34.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78128 GHz	-43.27 dBm	-30.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54411 GHz	-43.30 dBm	-30.30 dB

Date: 21.MAY.2019 19:44:44

Middle Channel / QPSK

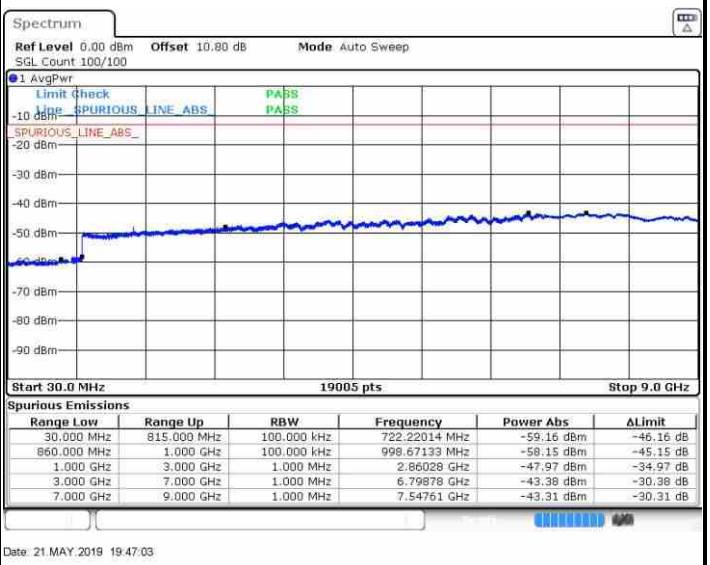


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	777.92729 MHz	-59.03 dBm	-46.03 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.32168 MHz	-57.85 dBm	-44.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66858 GHz	-47.46 dBm	-34.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76978 GHz	-43.33 dBm	-30.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55061 GHz	-43.32 dBm	-30.32 dB

Date: 21.MAY.2019 19:46:17

Middle Channel / 16QAM



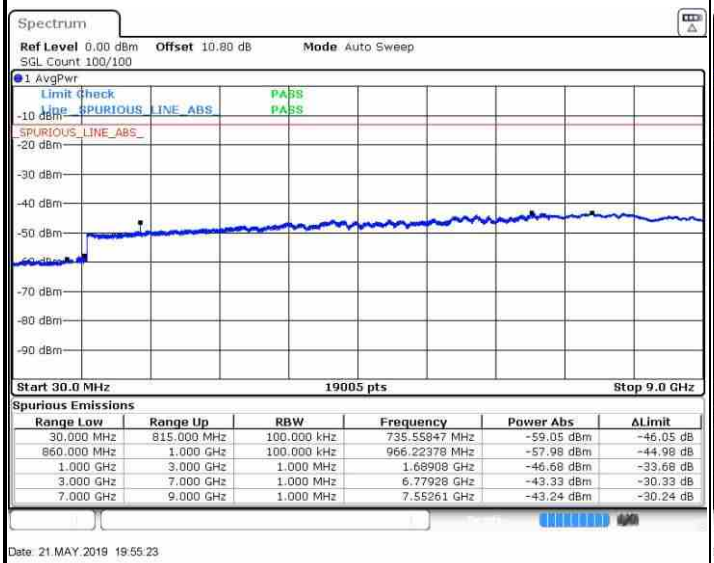
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	722.22014 MHz	-59.16 dBm	-46.16 dB
860.000 MHz	1.000 GHz	100.000 kHz	998.67133 MHz	-58.15 dBm	-45.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86028 GHz	-47.97 dBm	-34.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79878 GHz	-43.38 dBm	-30.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54761 GHz	-43.31 dBm	-30.31 dB

Date: 21.MAY.2019 19:47:03

LTE Band 5 / 5MHz

Highest Channel / QPSK

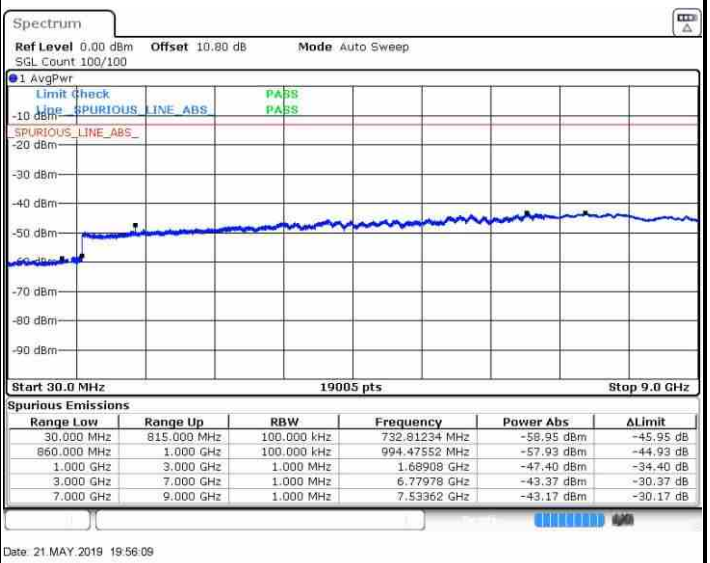


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	735.55847 MHz	-59.05 dBm	-46.05 dB
860.000 MHz	1.000 GHz	100.000 kHz	966.22378 MHz	-57.98 dBm	-44.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.68 dBm	-33.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77928 GHz	-43.33 dBm	-30.33 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55261 GHz	-43.24 dBm	-30.24 dB

Date: 21.MAY.2019 19:55:23

Highest Channel / 16QAM



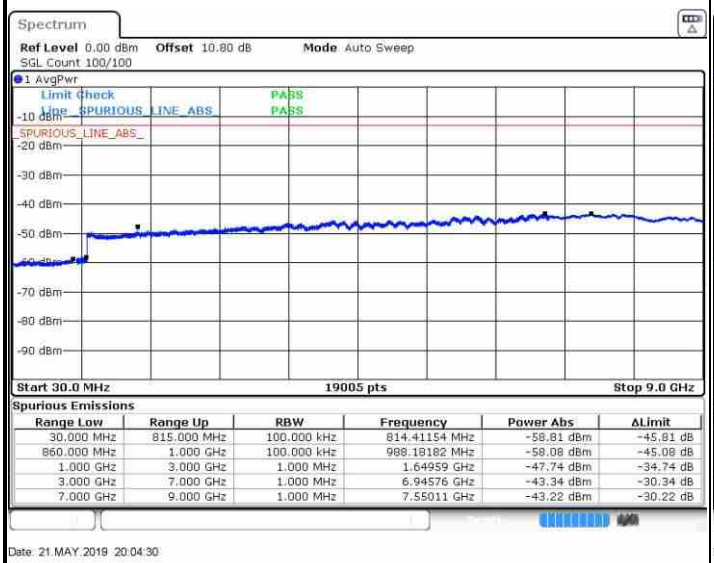
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	732.81234 MHz	-58.95 dBm	-45.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	994.47552 MHz	-57.93 dBm	-44.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-47.40 dBm	-34.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77978 GHz	-43.37 dBm	-30.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.53362 GHz	-43.17 dBm	-30.17 dB

Date: 21.MAY.2019 19:56:09

LTE Band 5 / 10MHz

Lowest Channel / QPSK

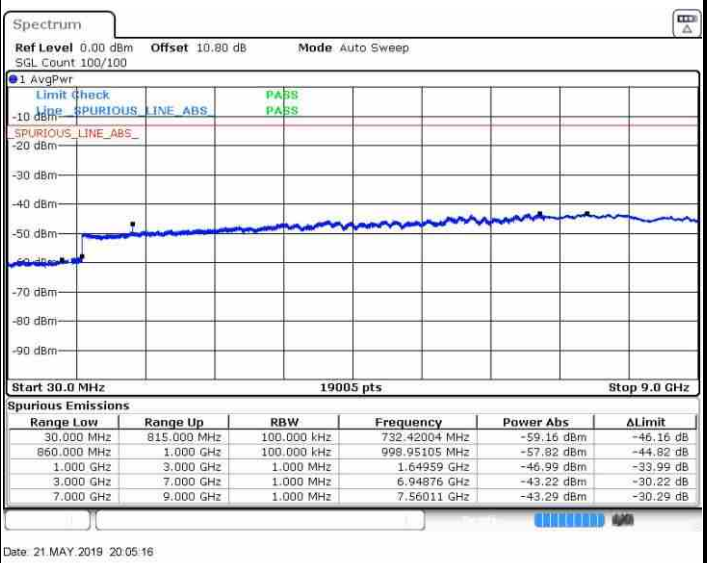


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-58.81 dBm	-45.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.18182 MHz	-58.08 dBm	-45.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-47.74 dBm	-34.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-43.34 dBm	-30.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55011 GHz	-43.22 dBm	-30.22 dB

Date: 21.MAY.2019 20:04:30

Lowest Channel / 16QAM



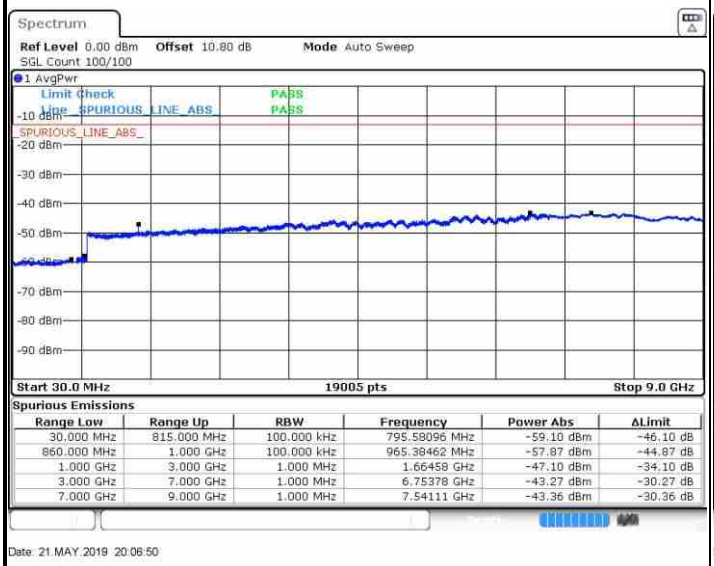
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	732.42004 MHz	-59.16 dBm	-46.16 dB
860.000 MHz	1.000 GHz	100.000 kHz	998.95105 MHz	-57.82 dBm	-44.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.99 dBm	-33.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94876 GHz	-43.22 dBm	-30.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56011 GHz	-43.29 dBm	-30.29 dB

Date: 21.MAY.2019 20:05:16

LTE Band 5 / 10MHz

Middle Channel / QPSK

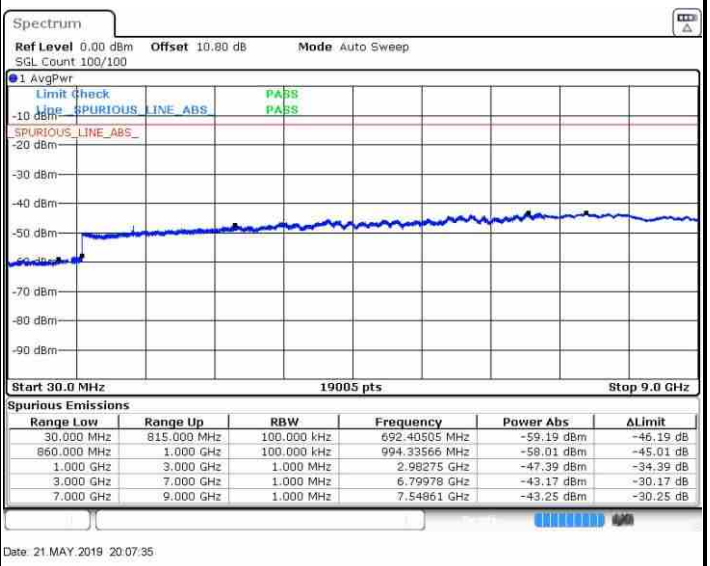


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	795.58096 MHz	-59.10 dBm	-46.10 dB
860.000 MHz	1.000 GHz	100.000 kHz	965.38462 MHz	-57.87 dBm	-44.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-47.10 dBm	-34.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75378 GHz	-43.27 dBm	-30.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54111 GHz	-43.36 dBm	-30.36 dB

Date: 21.MAY.2019 20:06:50

Middle Channel / 16QAM

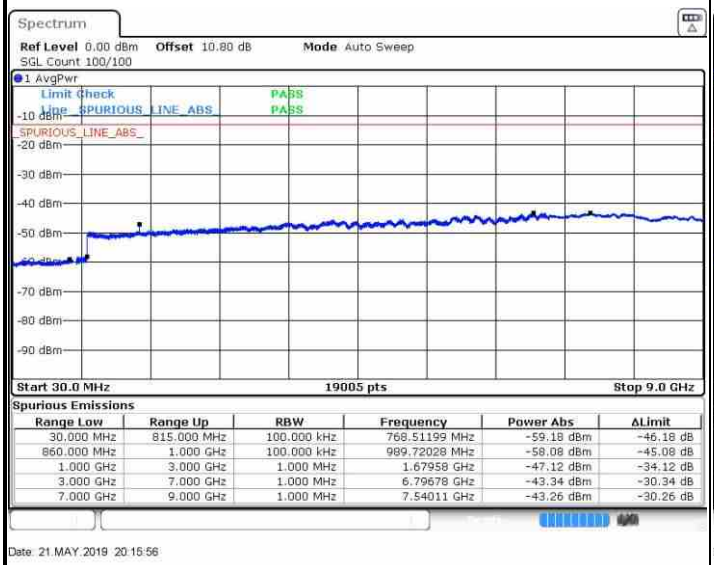


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	692.40505 MHz	-59.19 dBm	-46.19 dB
860.000 MHz	1.000 GHz	100.000 kHz	994.33566 MHz	-58.01 dBm	-45.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98275 GHz	-47.39 dBm	-34.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79978 GHz	-43.17 dBm	-30.17 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54861 GHz	-43.25 dBm	-30.25 dB

Date: 21.MAY.2019 20:07:35

Highest Channel / QPSK

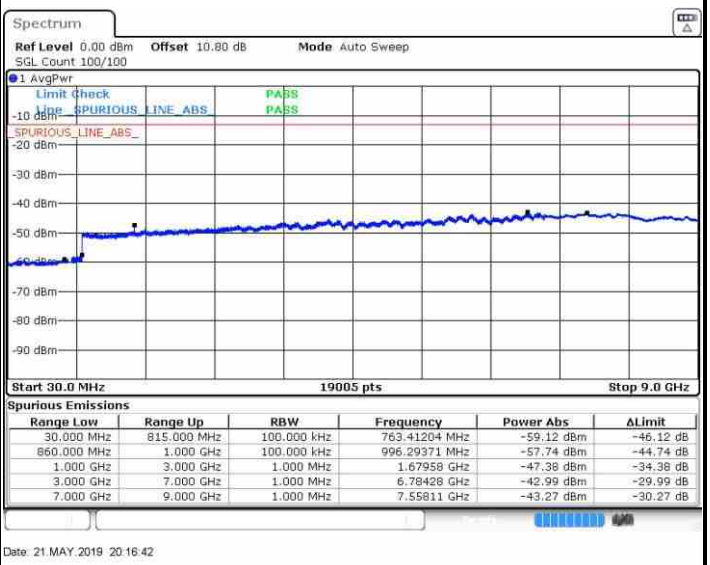


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	768.51199 MHz	-59.18 dBm	-46.18 dB
860.000 MHz	1.000 GHz	100.000 kHz	989.72028 MHz	-58.08 dBm	-45.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-47.12 dBm	-34.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79678 GHz	-43.34 dBm	-30.34 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54011 GHz	-43.26 dBm	-30.26 dB

Date: 21.MAY.2019 20:15:56

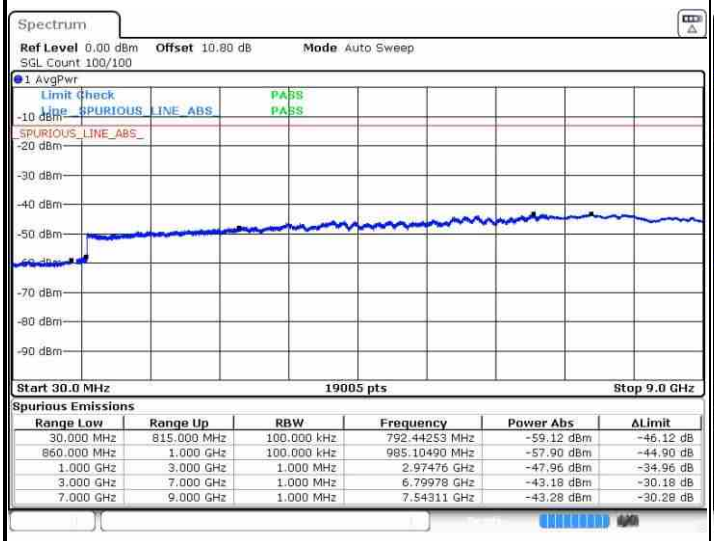
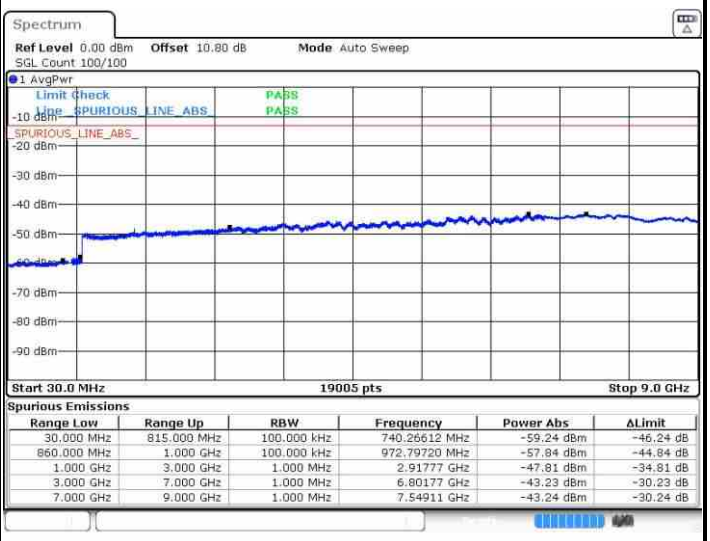
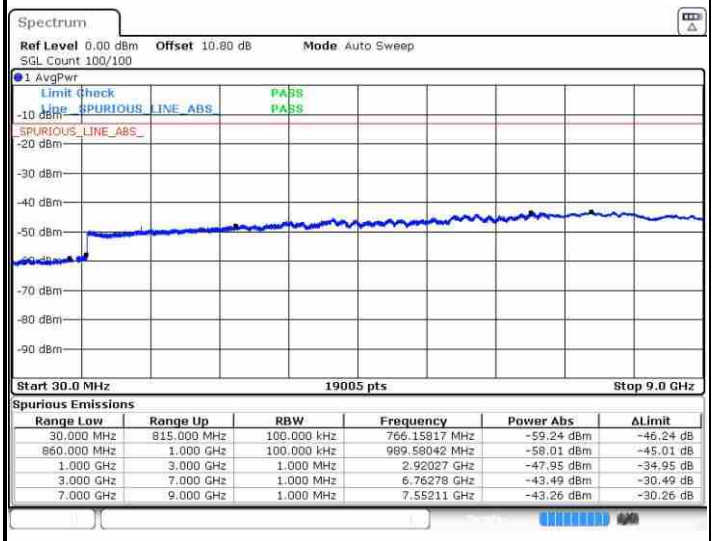
Highest Channel / 16QAM

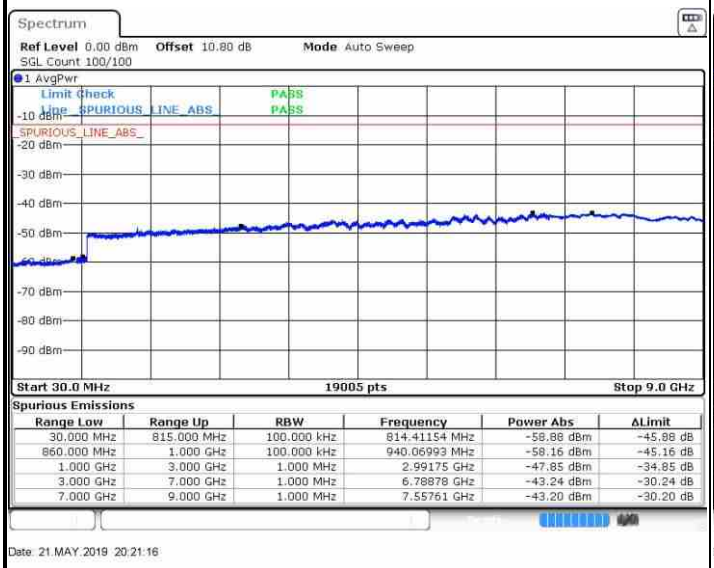
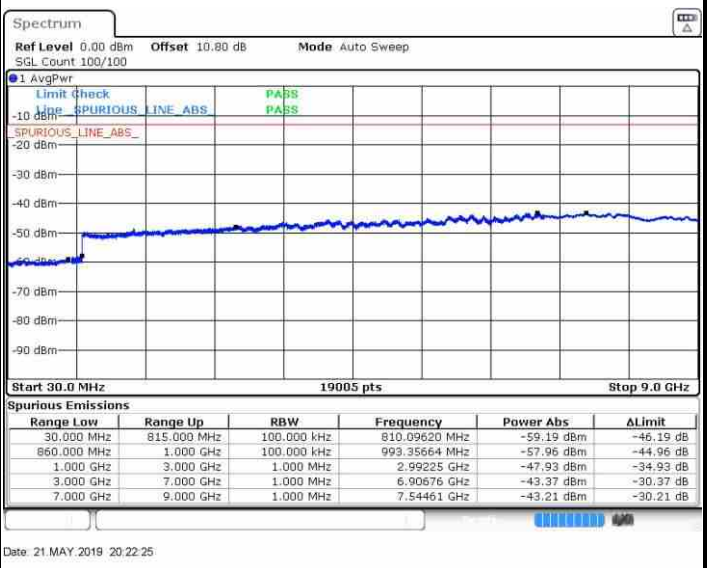
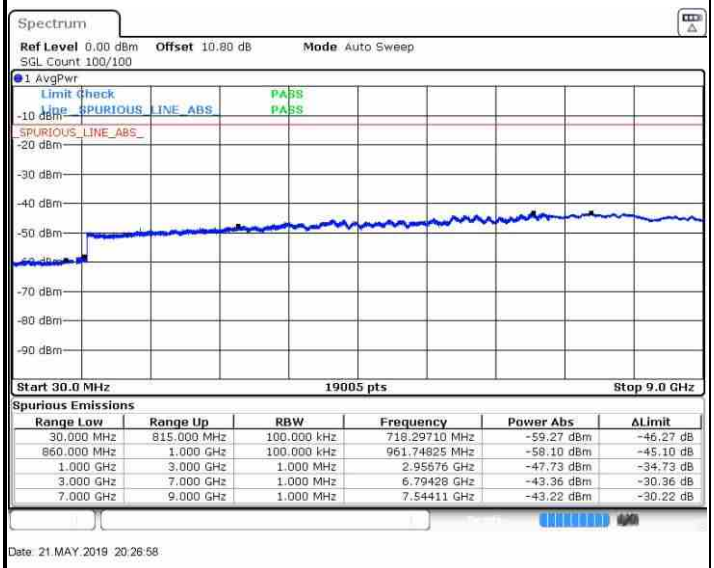


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	763.41204 MHz	-59.12 dBm	-46.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.29371 MHz	-57.74 dBm	-44.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-47.38 dBm	-34.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78428 GHz	-42.99 dBm	-29.99 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55811 GHz	-43.27 dBm	-30.27 dB

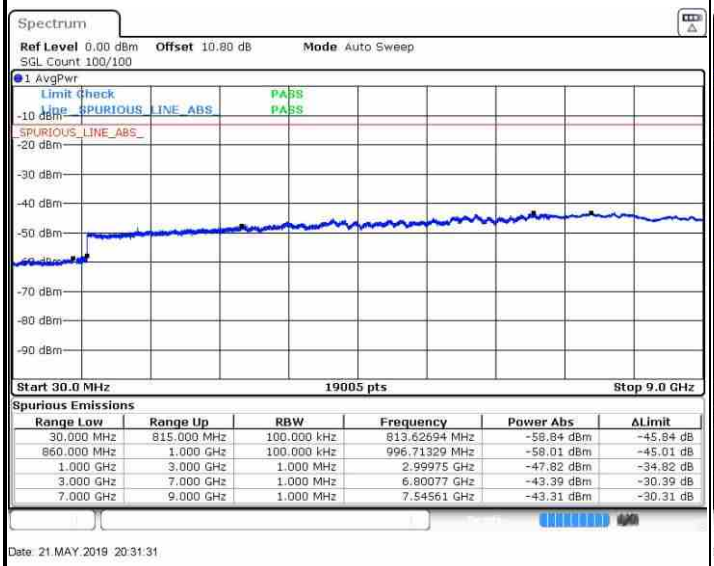
Date: 21.MAY.2019 20:16:42

LTE Band 5 / 1.4MHz	
Lowest Channel / 64QAM	**Middle Channel / 64QAM**
	
Highest Channel / 64QAM	
	

LTE Band 5 / 3MHz	
Lowest Channel / 64QAM	**Middle Channel / 64QAM**
	
Highest Channel / 64QAM	
	

LTE Band 5 / 5MHz

Lowest Channel / 64QAM

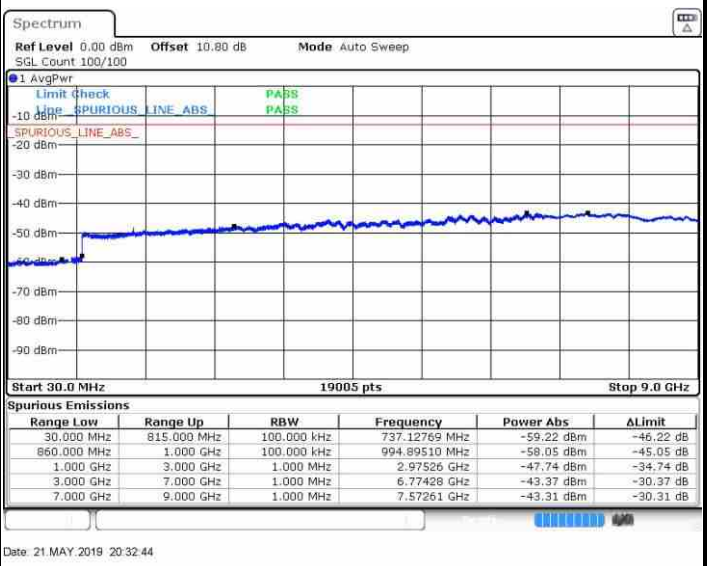


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-58.84 dBm	-45.84 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.71329 MHz	-58.01 dBm	-45.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99975 GHz	-47.82 dBm	-34.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80077 GHz	-43.39 dBm	-30.39 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54561 GHz	-43.31 dBm	-30.31 dB

Date: 21.MAY.2019 20:31:31

Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	737.12769 MHz	-59.22 dBm	-46.22 dB
860.000 MHz	1.000 GHz	100.000 kHz	994.89510 MHz	-58.05 dBm	-45.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97526 GHz	-47.74 dBm	-34.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77428 GHz	-43.37 dBm	-30.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57261 GHz	-43.31 dBm	-30.31 dB

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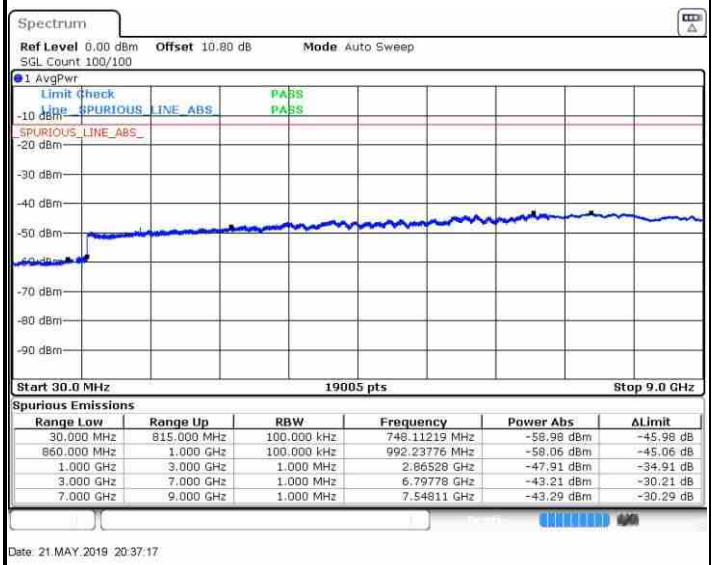
Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	748.11219 MHz	-58.98 dBm	-45.98 dB
860.000 MHz	1.000 GHz	100.000 kHz	992.23776 MHz	-58.06 dBm	-45.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.86528 GHz	-47.91 dBm	-34.91 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79778 GHz	-43.21 dBm	-30.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54811 GHz	-43.29 dBm	-30.29 dB

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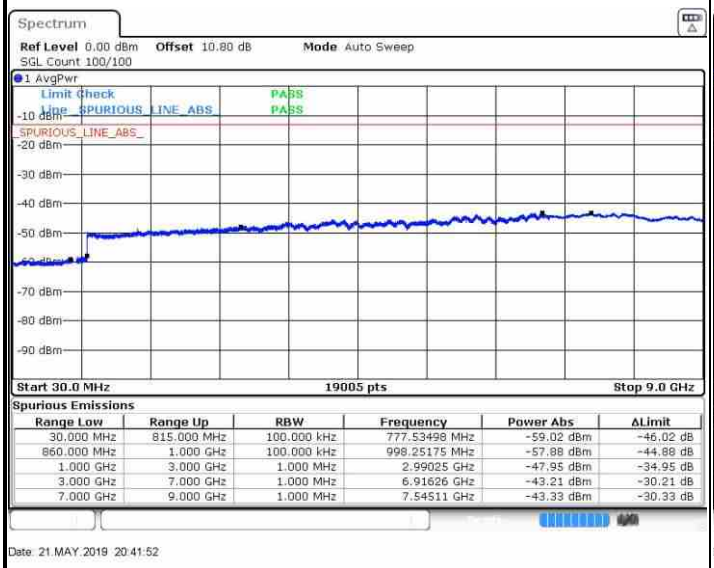
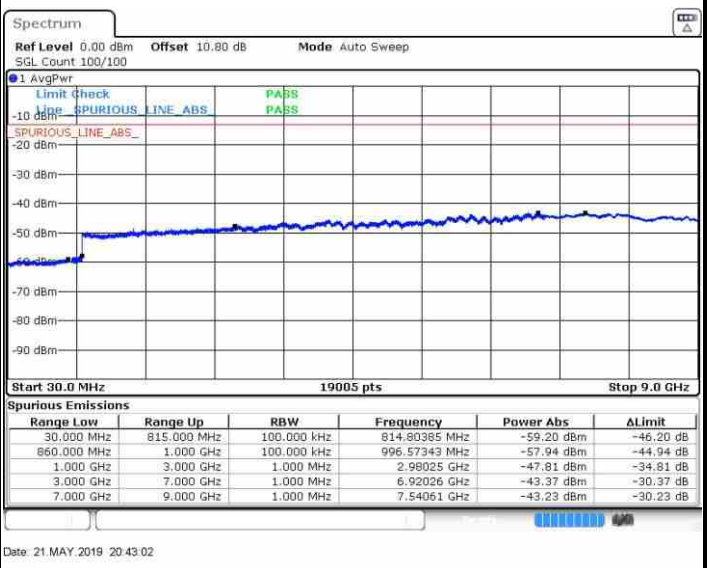
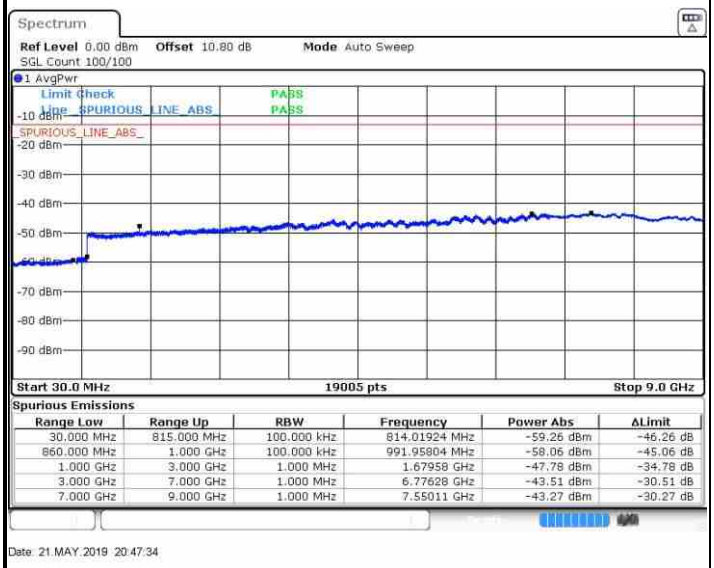
LTE Band 5 / 10MHz	
Lowest Channel / 64QAM	**Middle Channel / 64QAM**
	
Highest Channel / 64QAM	
	

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	0.0087	PASS
40	Normal Voltage	0.0073	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0087	
0	Normal Voltage	0.0085	
-10	Normal Voltage	0.0084	
-20	Normal Voltage	0.0108	
-30	Normal Voltage	0.0073	
20	Maximum Voltage	0.0100	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0077	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.65 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

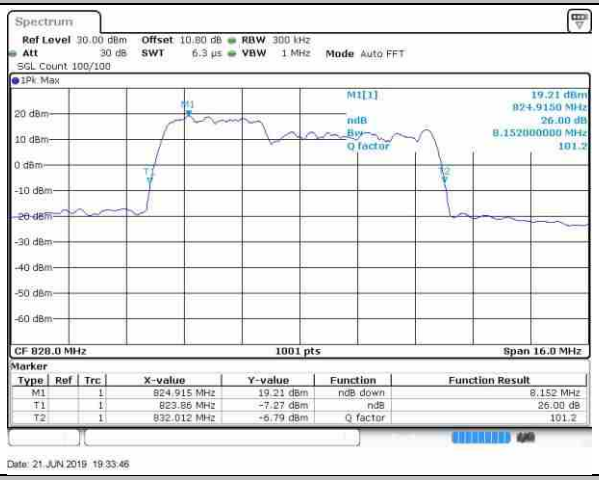
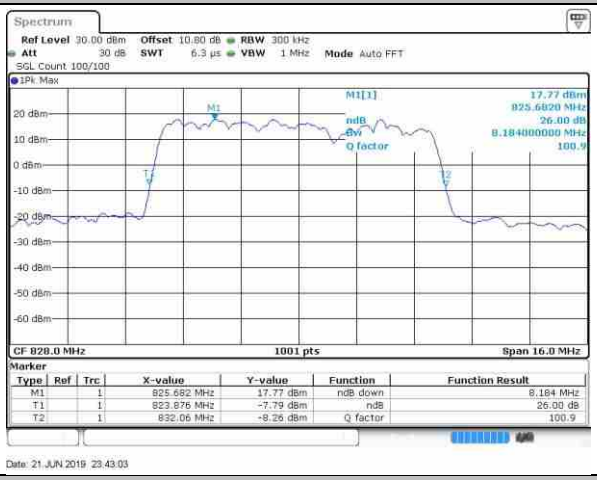
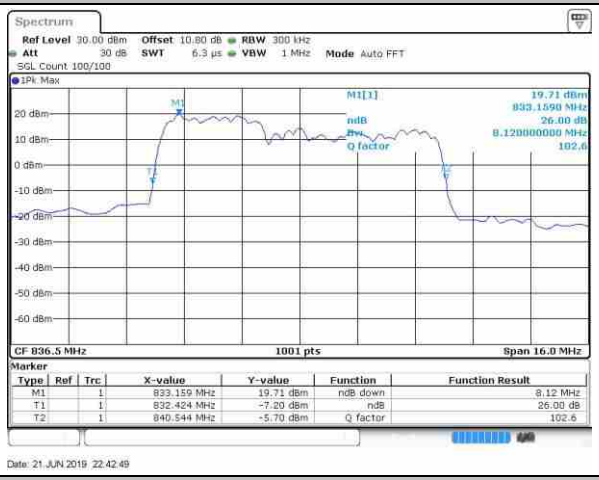
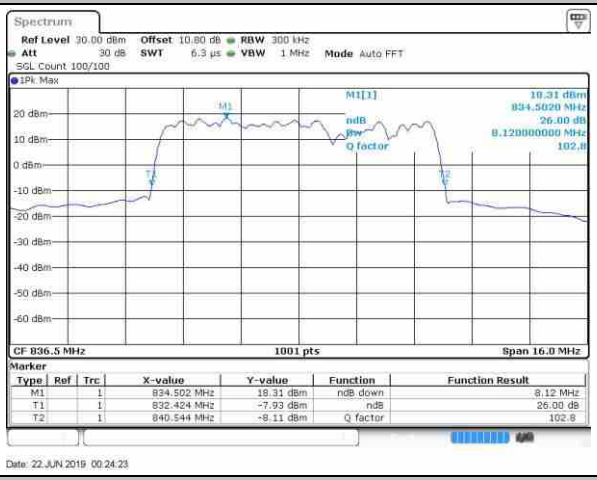
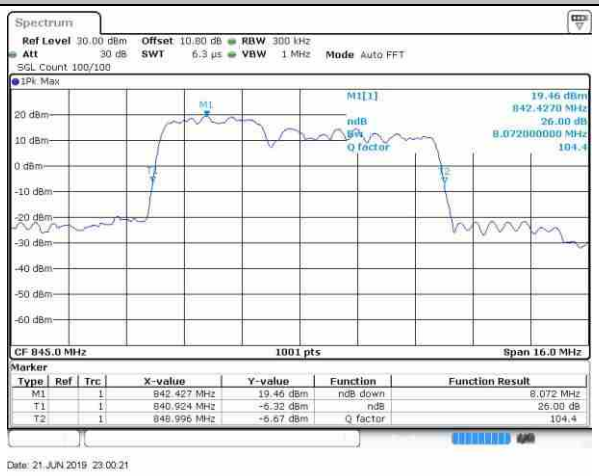
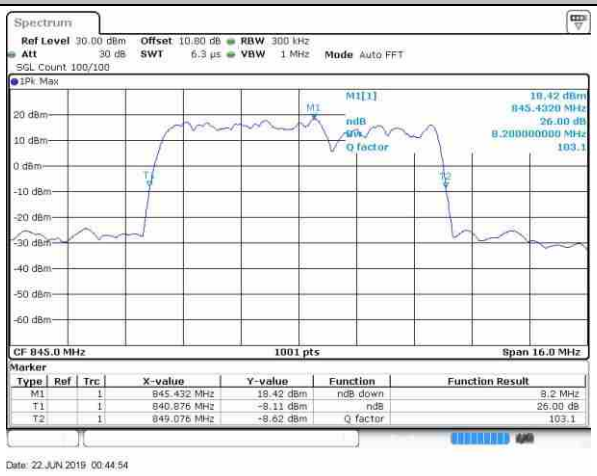
LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.15	8.18	14.53
Middle CH	8.11	8.11	14.59
Highest CH	8.07	8.19	14.56
BW	10MHz+5MHz	10MHz+10MHz	
Lowest CH	14.62	19.62	
Middle CH	14.62	19.62	
Highest CH	14.56	19.57	

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.08	8.13	14.56
Middle CH	8.11	8.15	14.56
Highest CH	8.10	8.13	14.50
BW	10MHz+5MHz	10MHz+10MHz	
Lowest CH	14.53	9.71	
Middle CH	14.62	19.54	
Highest CH	14.62	19.57	

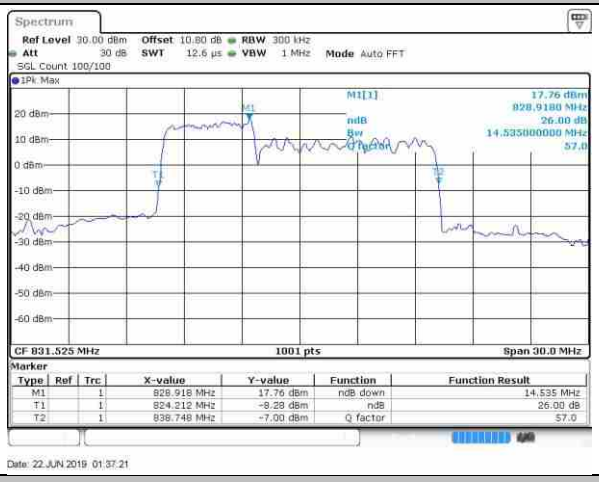
Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	8.05	8.15	14.62
Middle CH	8.13	8.10	14.53
Highest CH	8.05	8.10	14.47
BW	10MHz+5MHz	10MHz+10MHz	
Lowest CH	14.59	19.73	
Middle CH	14.56	19.54	
Highest CH	14.56	19.73	

LTE Band 5B	
QPSK	
Lowest Channel / 3MHz+5MHz	Lowest Channel / 5MHz+3MHz
	
Middle Channel / 3MHz+5MHz	Middle Channel / 5MHz+3MHz
	
Highest Channel / 3MHz+5MHz	Highest Channel / 5MHz+3MHz
	

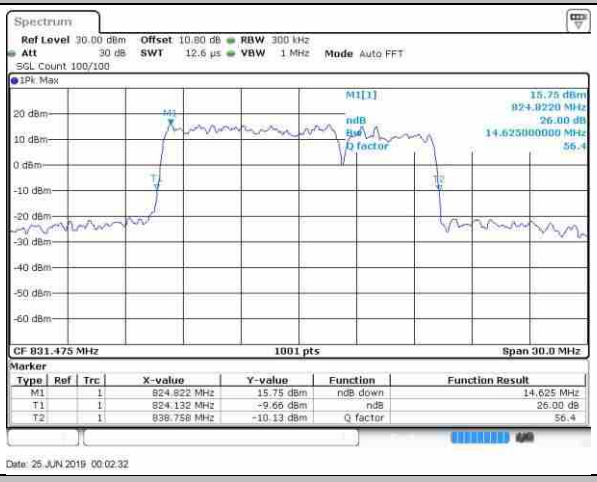
LTE Band 5B

QPSK

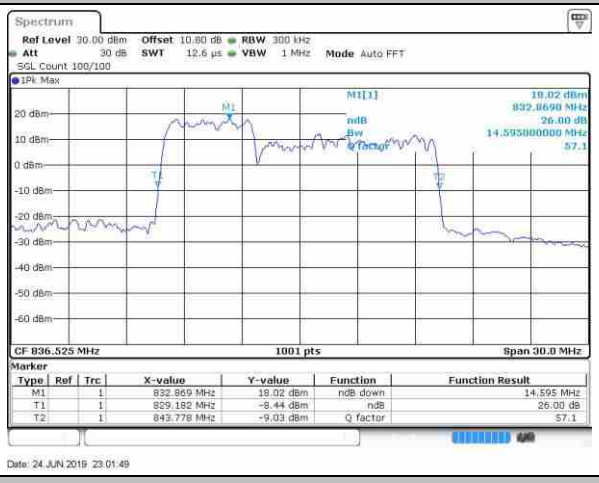
Lowest Channel / 5MHz+10MHz



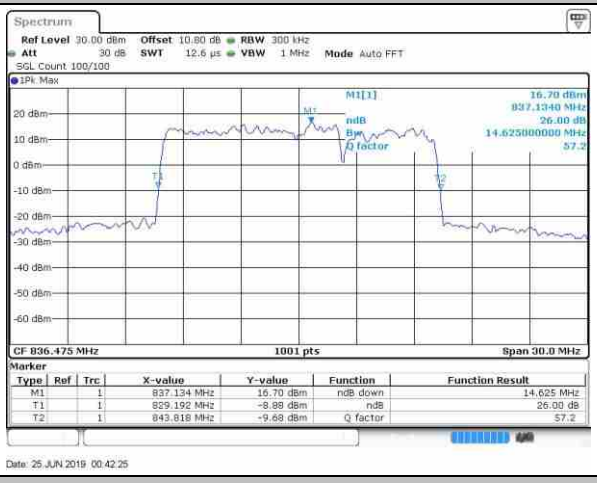
Lowest Channel / 10MHz+5MHz



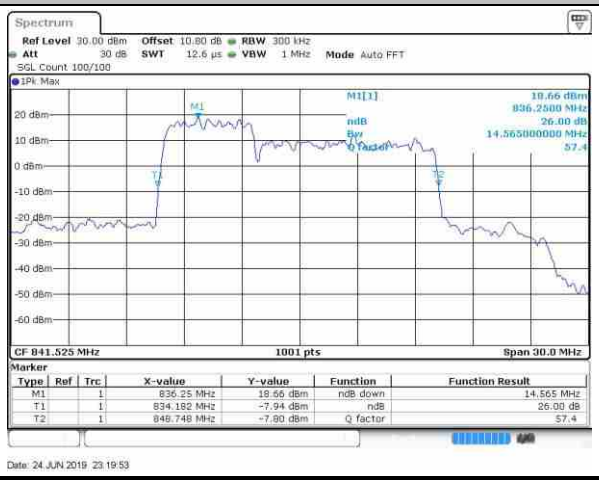
Middle Channel / 5MHz+10MHz



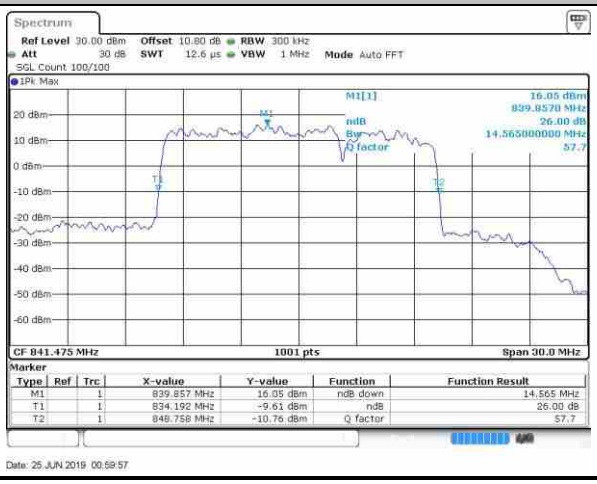
Middle Channel / 10MHz+5MHz

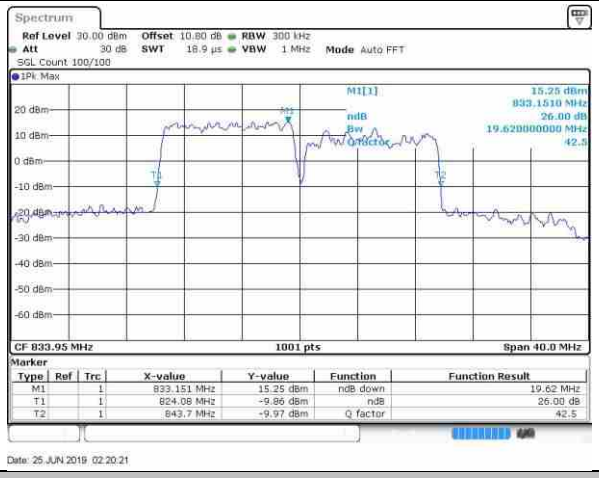
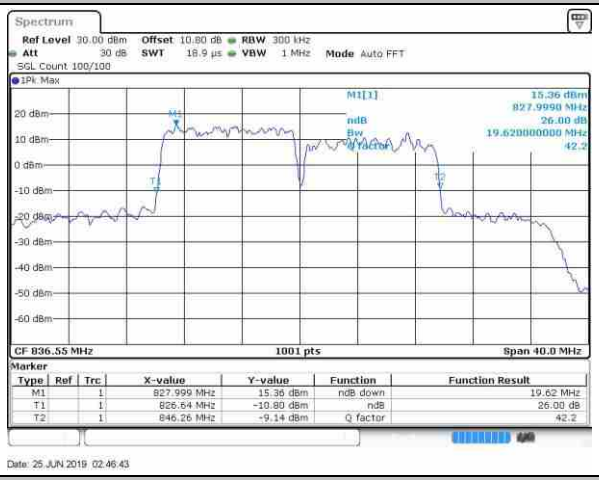
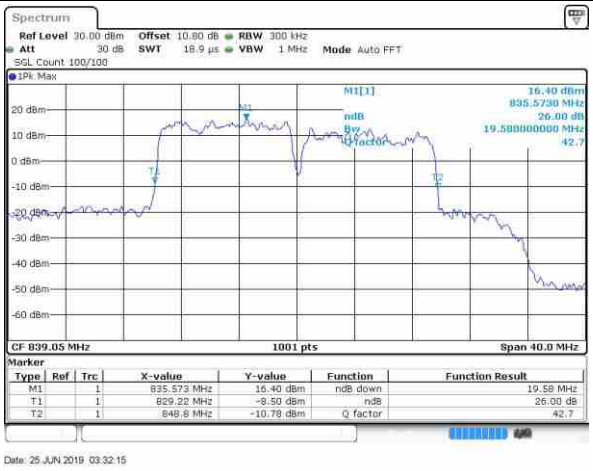


Highest Channel / 5MHz+10MHz



Highest Channel / 10MHz+5MHz

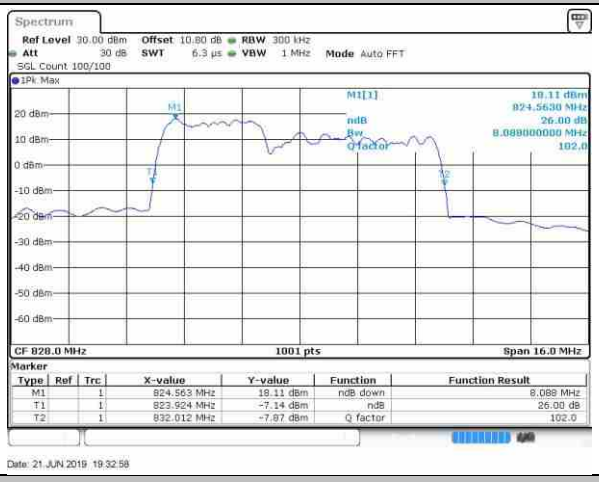


LTE Band 5B	
QPSK	
Lowest Channel / 10MHz+10MHz	
	
Middle Channel / 10MHz+10MHz	
	
Highest Channel / 10MHz+10MHz	
	

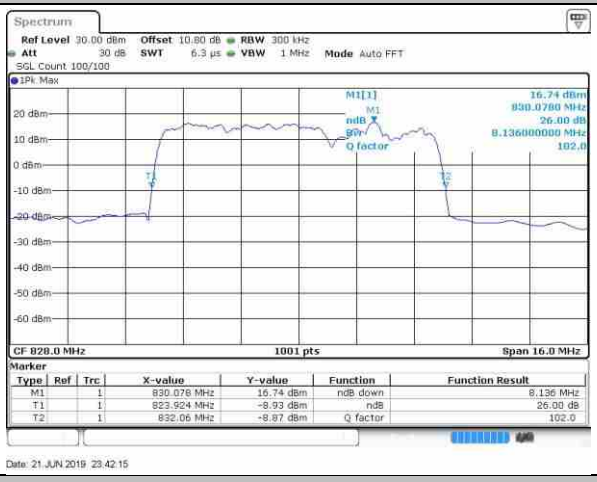
LTE Band 5B

16QAM

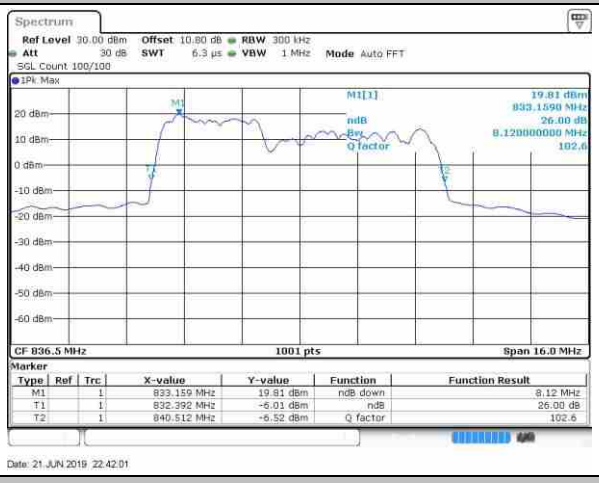
Lowest Channel / 3MHz+5MHz



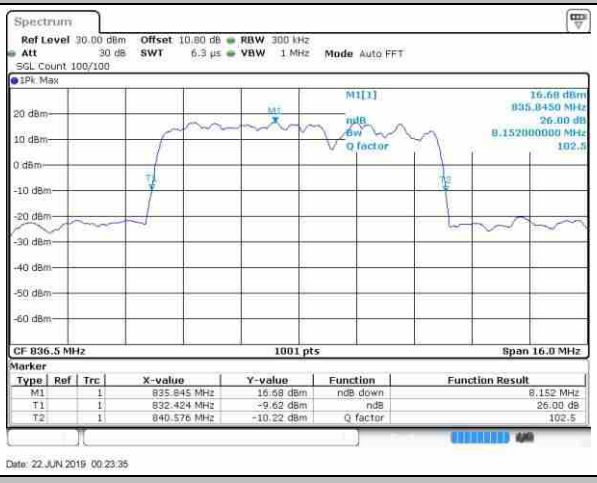
Lowest Channel / 5MHz+3MHz



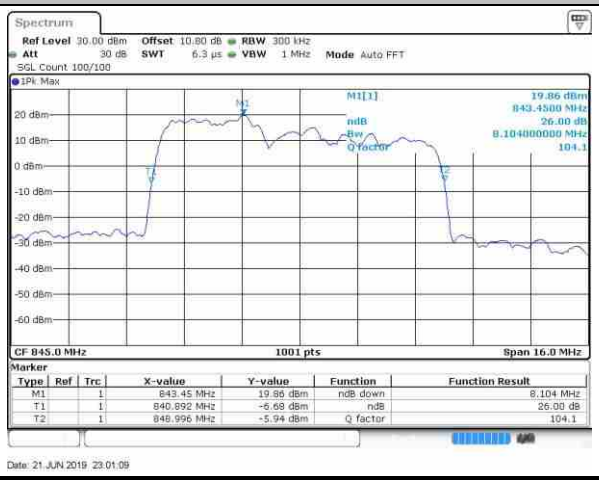
Middle Channel / 3MHz+5MHz



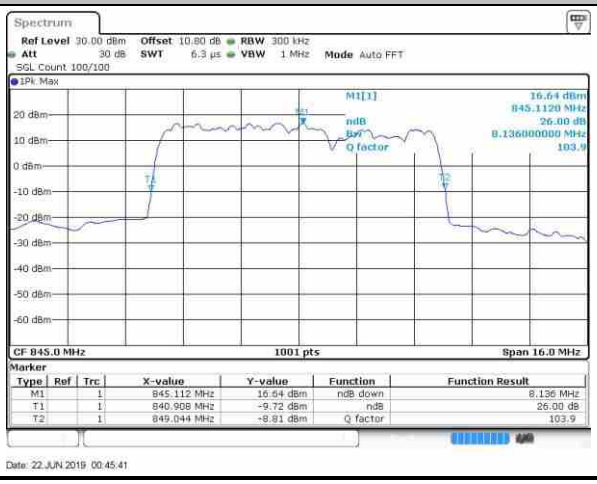
Middle Channel / 5MHz+3MHz



Highest Channel / 3MHz+5MHz



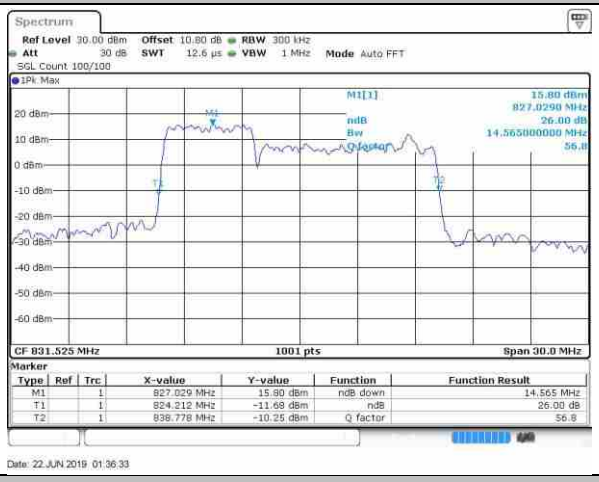
Highest Channel / 5MHz+3MHz



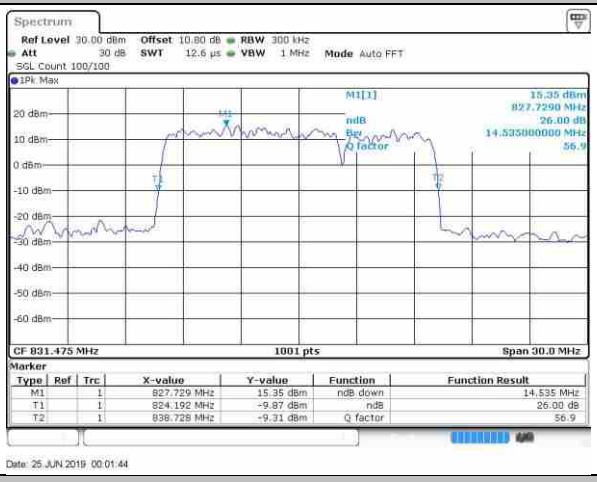
LTE Band 5B

16QAM

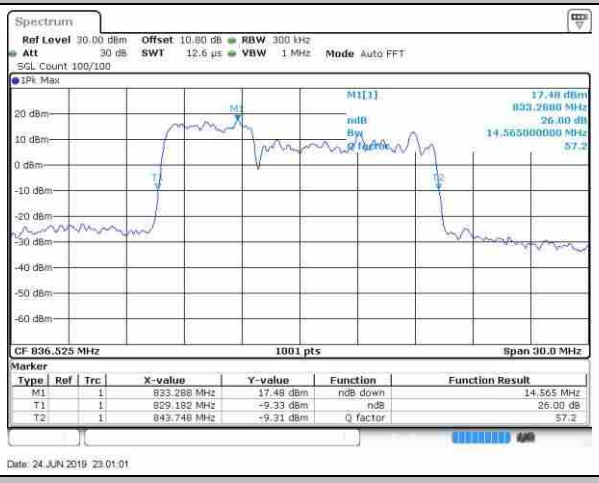
Lowest Channel / 5MHz+10MHz



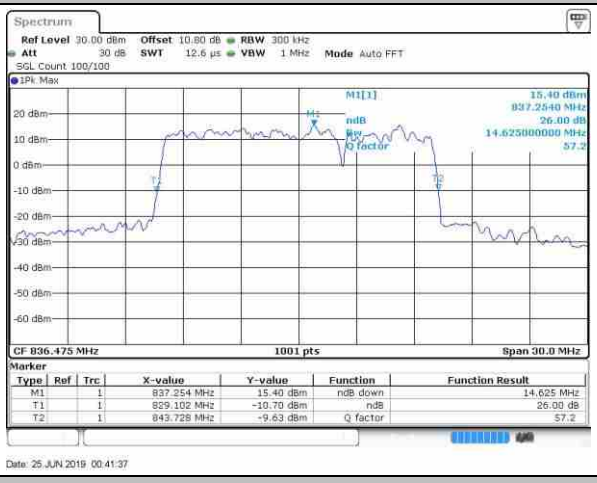
Lowest Channel / 10MHz+5MHz



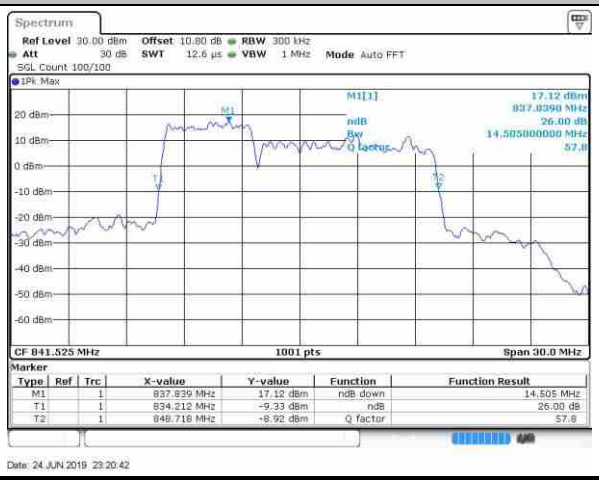
Middle Channel / 5MHz+10MHz



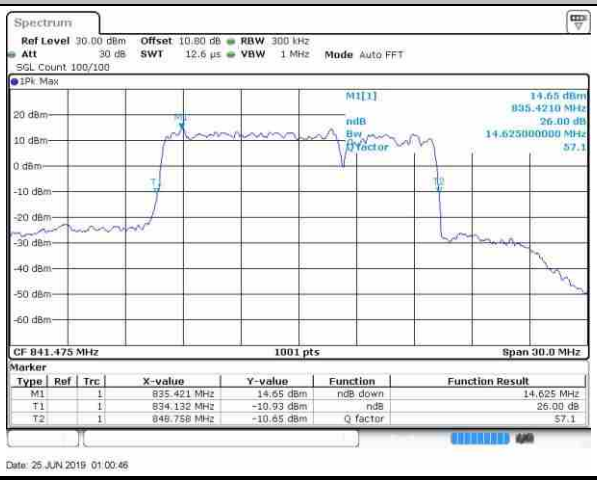
Middle Channel / 10MHz+5MHz

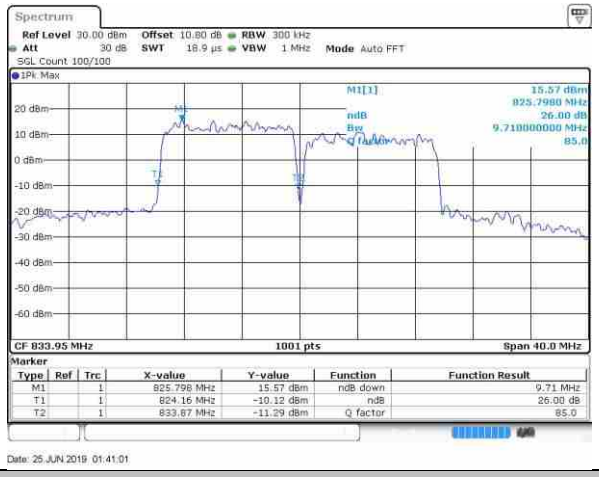
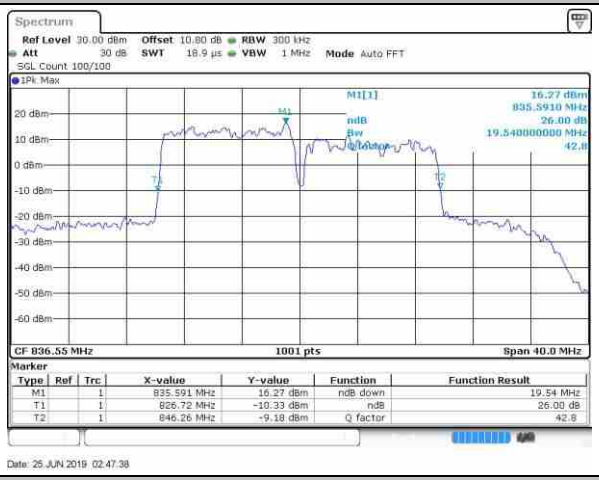
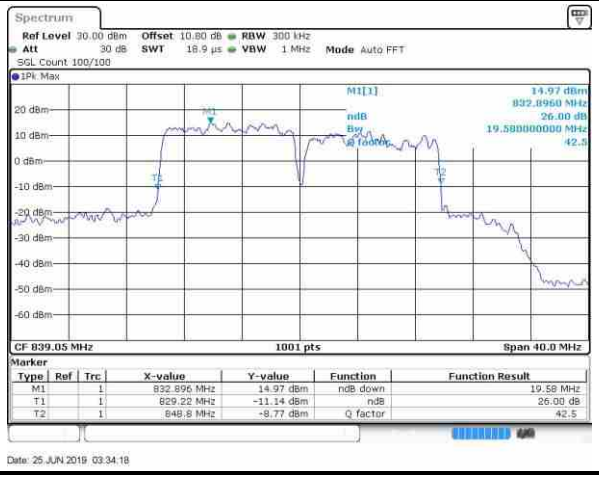


Highest Channel / 5MHz+10MHz



Highest Channel / 10MHz+5MHz

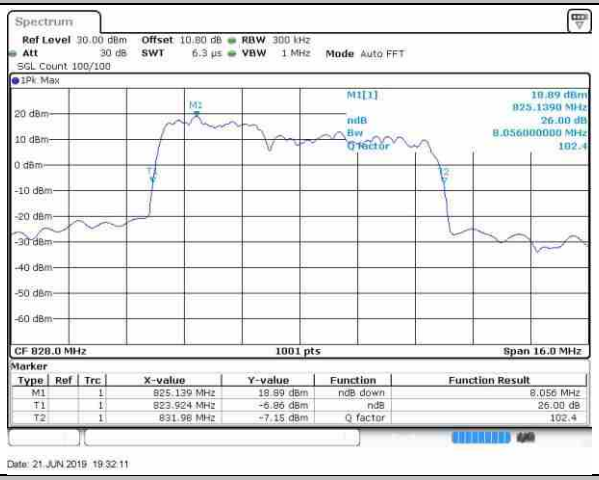


LTE Band 5B	
16QAM	
Lowest Channel / 10MHz+10MHz	
	
Middle Channel / 10MHz+10MHz	
	
Highest Channel / 10MHz+10MHz	
	

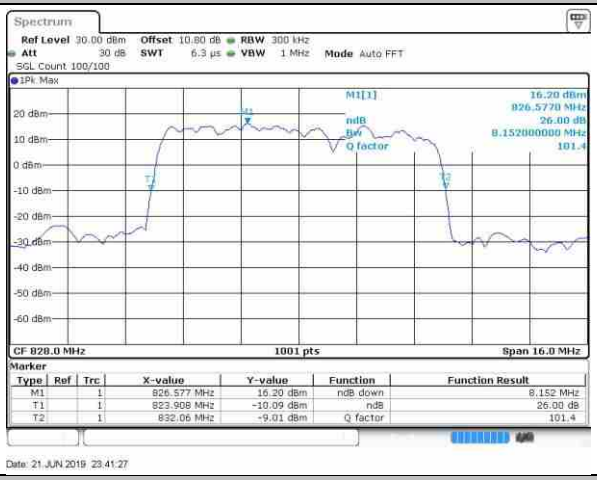
LTE Band 5B

64QAM

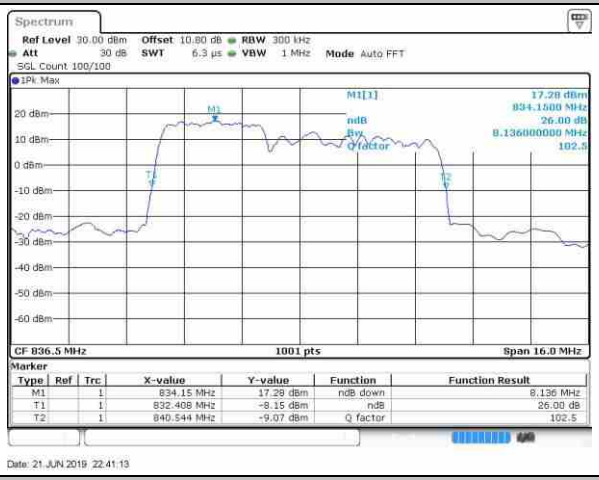
Lowest Channel / 3MHz+5MHz



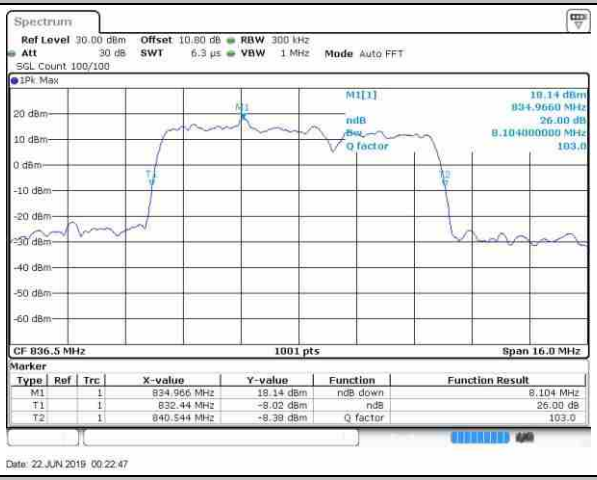
Lowest Channel / 5MHz+3MHz



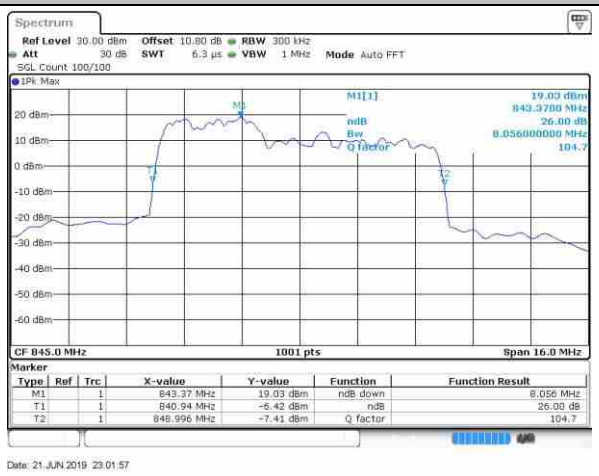
Middle Channel / 3MHz+5MHz



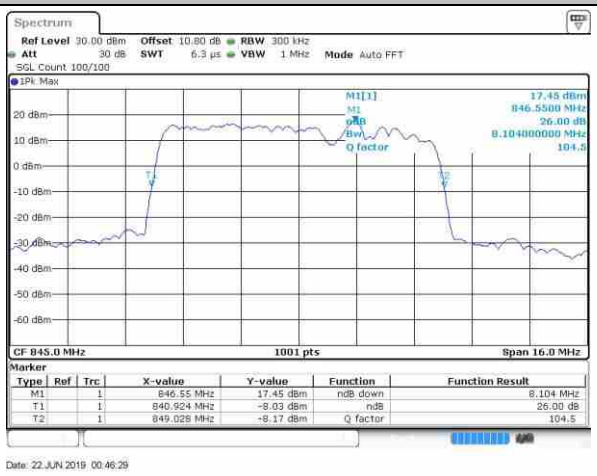
Middle Channel / 5MHz+3MHz



Highest Channel / 3MHz+5MHz



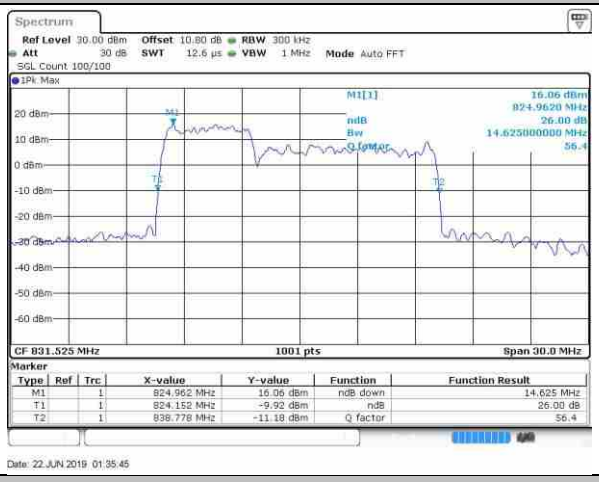
Highest Channel / 5MHz+3MHz



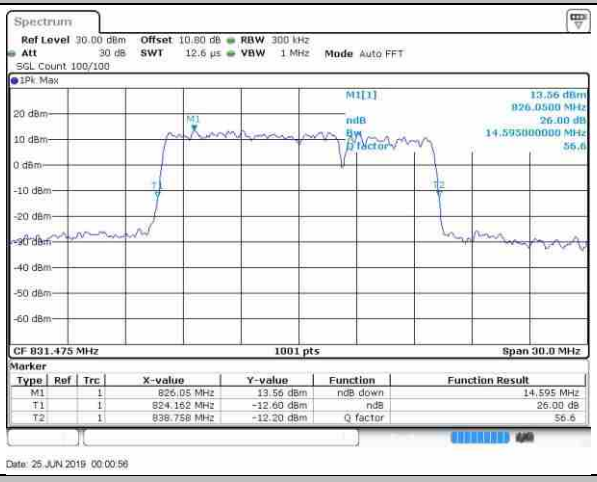
LTE Band 5B

64QAM

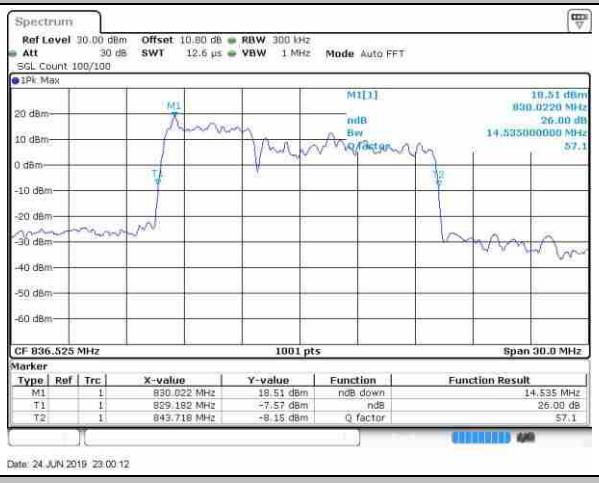
Lowest Channel / 5MHz+10MHz



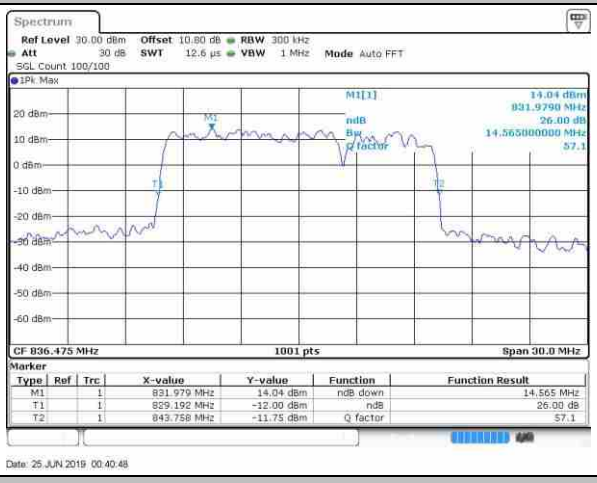
Lowest Channel / 10MHz+5MHz



Middle Channel / 5MHz+10MHz

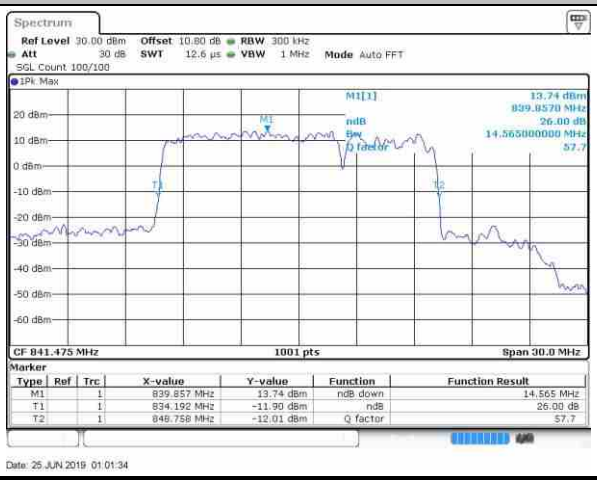


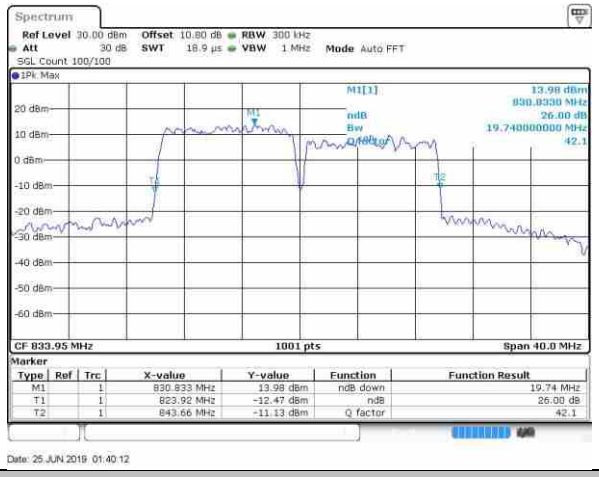
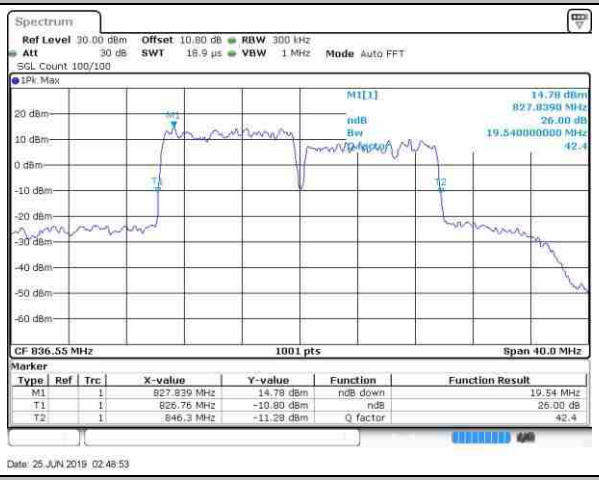
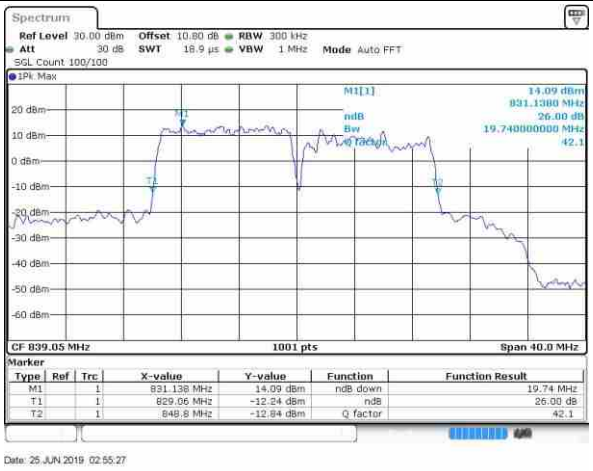
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+10MHz

Highest Channel / 10MHz+5MHz



LTE Band 5B	
64QAM	
Lowest Channel / 10MHz+10MHz	
	
Middle Channel / 10MHz+10MHz	
	
Highest Channel / 10MHz+10MHz	
	

Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.51	7.57	13.87
Middle CH	7.48	7.49	13.78
Highest CH	7.48	7.52	13.66
BW	10MHz+5MHz	10MHz+10MHz	
Lowest CH	13.84	18.74	
Middle CH	13.87	18.58	
Highest CH	13.87	18.62	

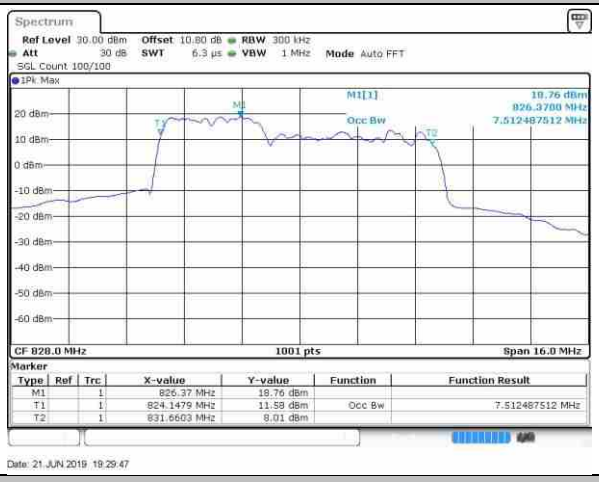
Mode	LTE Band 5B : 99%OBW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.49	7.51	13.81
Middle CH	7.52	7.52	13.75
Highest CH	7.51	7.49	13.90
BW	10MHz+5MHz	10MHz+10MHz	
Lowest CH	13.78	18.74	
Middle CH	13.93	18.62	
Highest CH	13.84	18.74	

Mode	LTE Band 5B : 99%OBW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Lowest CH	7.51	7.49	13.72
Middle CH	7.49	7.48	13.72
Highest CH	7.41	7.54	13.72
BW	10MHz+5MHz	10MHz+10MHz	
Lowest CH	13.81	18.74	
Middle CH	13.87	18.82	
Highest CH	13.78	18.86	

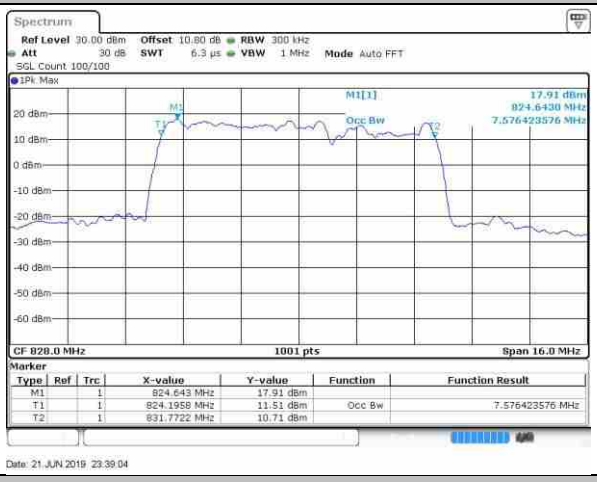
LTE Band 5B

QPSK

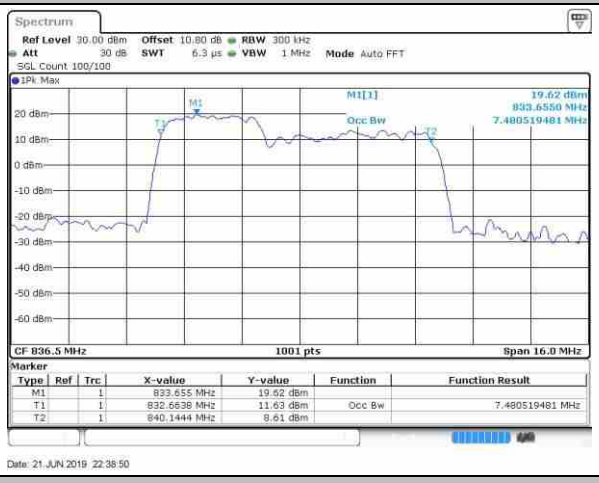
Lowest Channel / 3MHz+5MHz



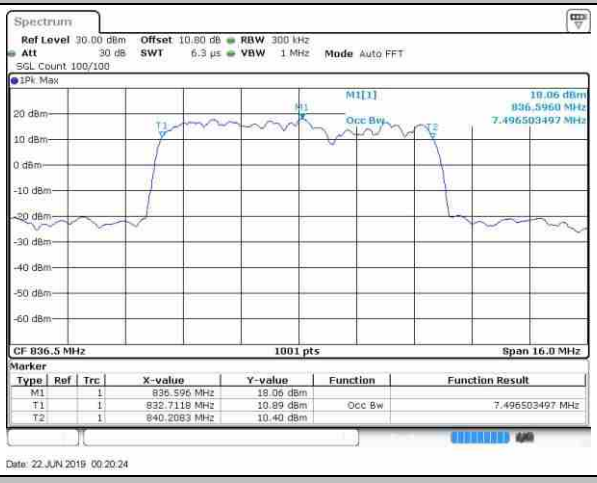
Lowest Channel / 5MHz+3MHz



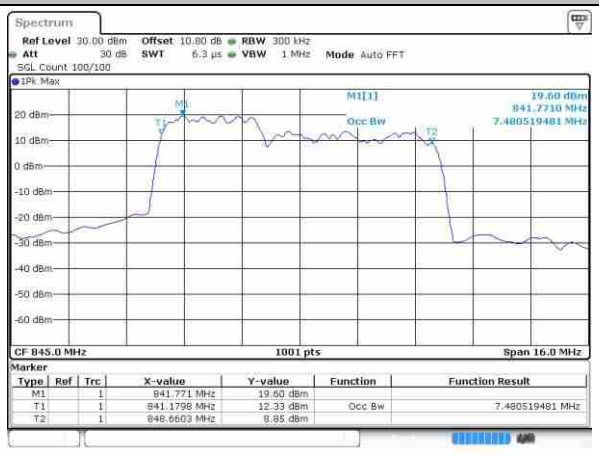
Middle Channel / 3MHz+5MHz



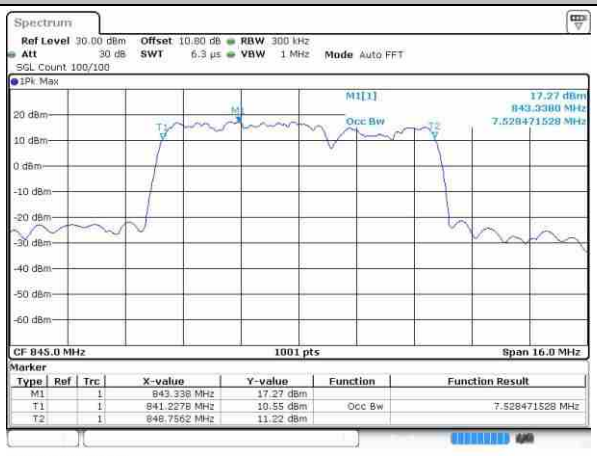
Middle Channel / 5MHz+3MHz

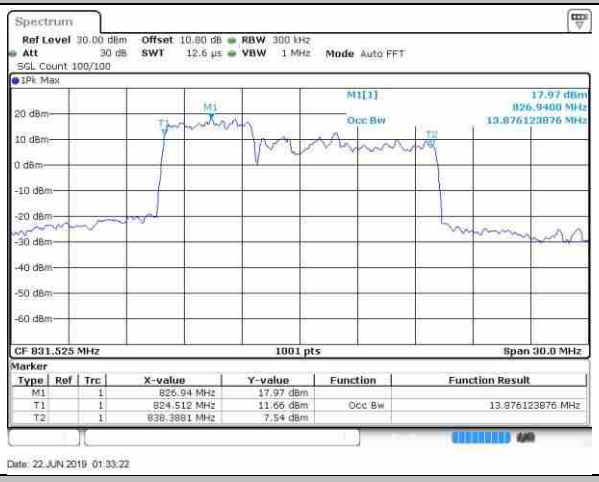
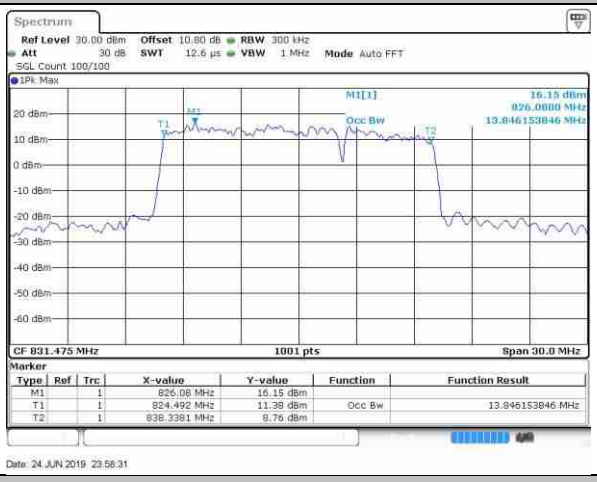
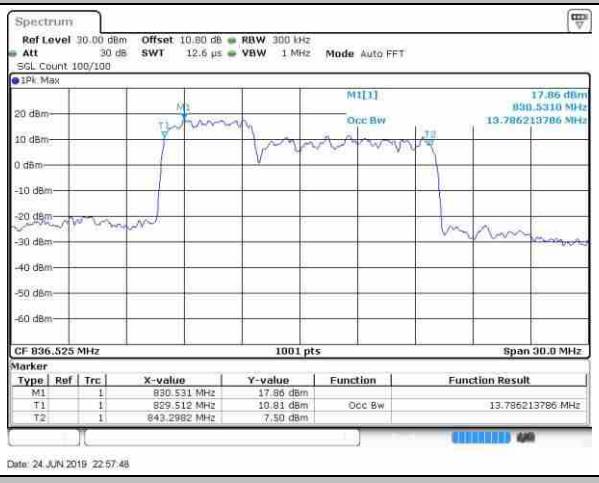
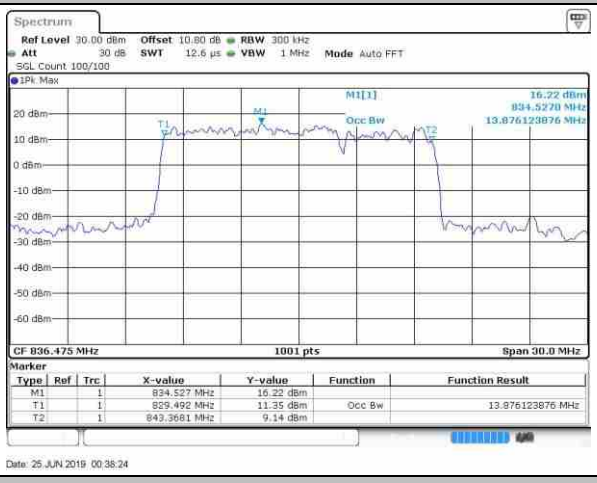
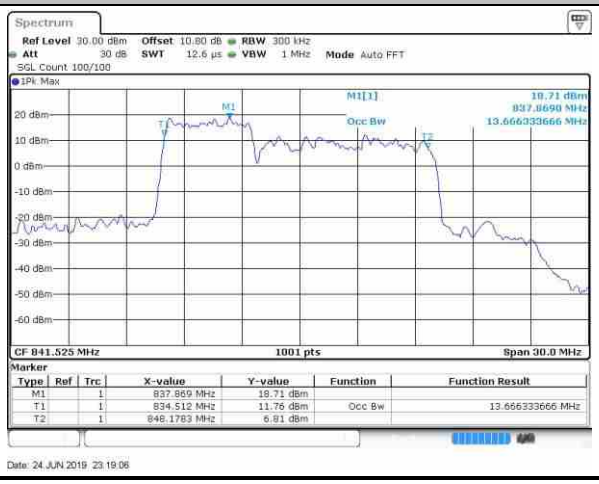
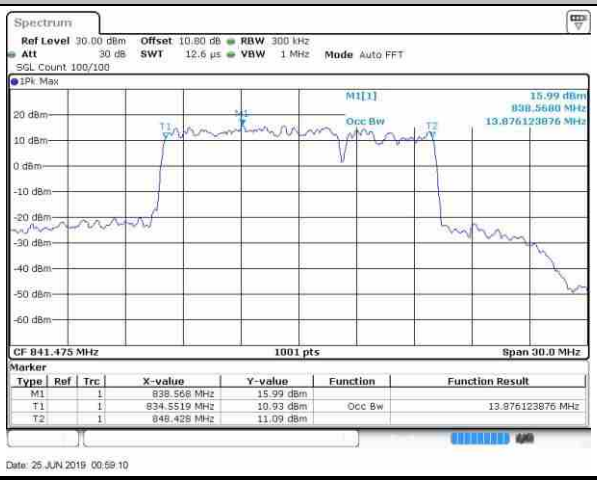


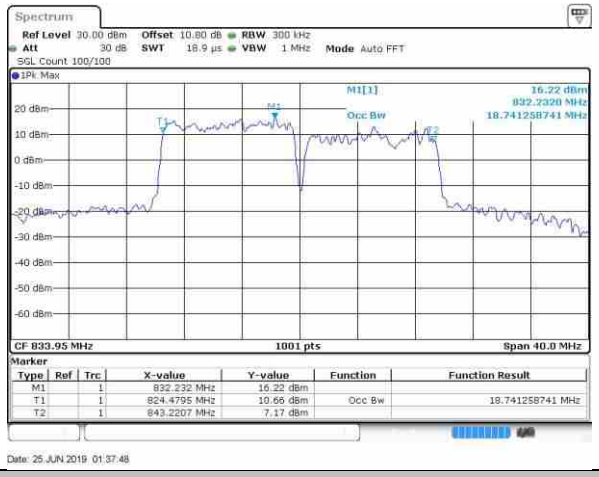
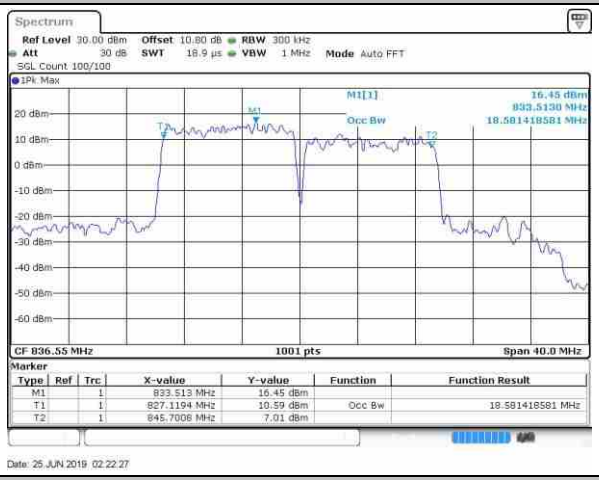
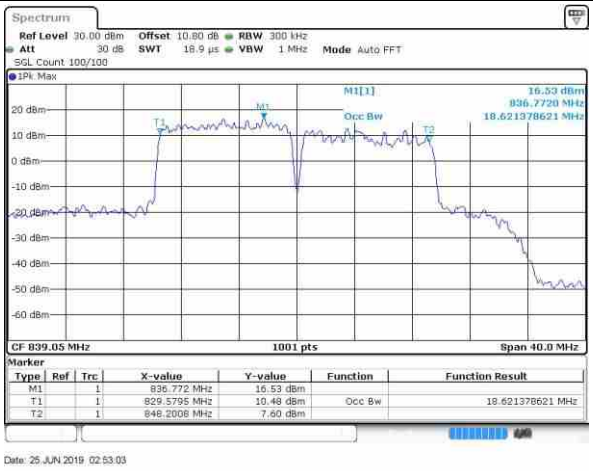
Highest Channel / 3MHz+5MHz



Highest Channel / 5MHz+3MHz



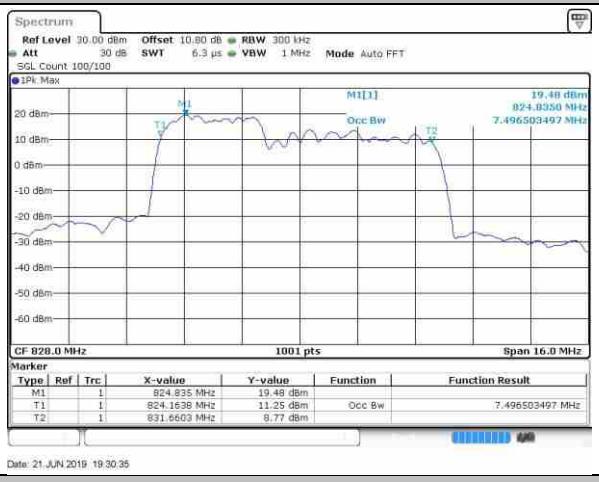
LTE Band 5B	
QPSK	
Lowest Channel / 5MHz+10MHz	Lowest Channel / 10MHz+5MHz
	
Middle Channel / 5MHz+10MHz	Middle Channel / 10MHz+5MHz
	
Highest Channel / 5MHz+10MHz	Highest Channel / 10MHz+5MHz
	

LTE Band 5B	
QPSK	
Lowest Channel / 10MHz+10MHz	
	
Middle Channel / 10MHz+10MHz	
	
Highest Channel / 10MHz+10MHz	
	

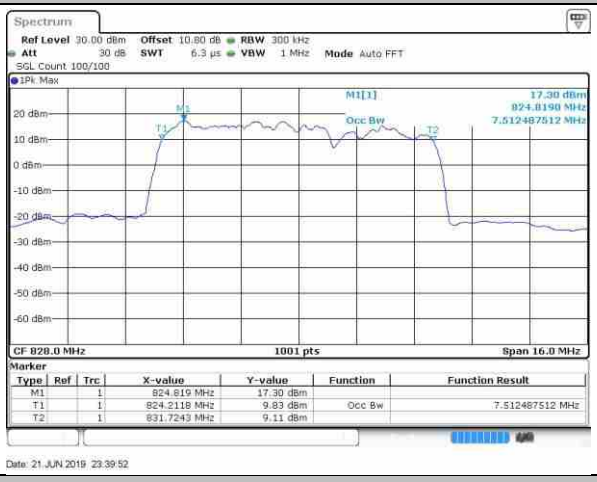
LTE Band 5B

16QAM

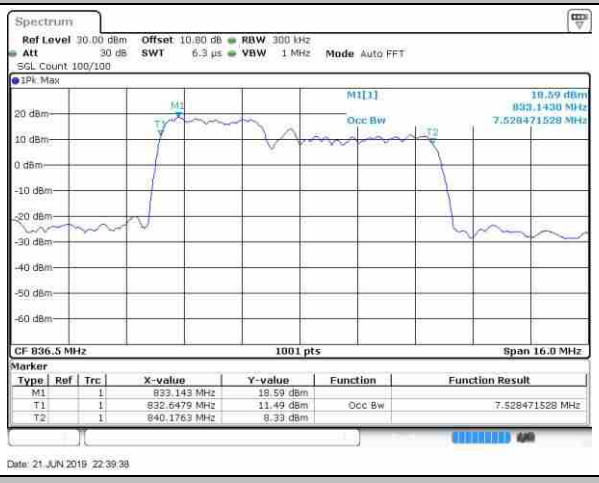
Lowest Channel / 3MHz+5MHz



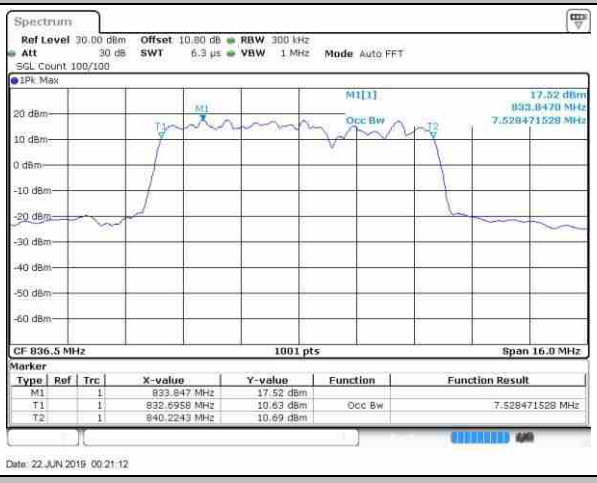
Lowest Channel / 5MHz+3MHz



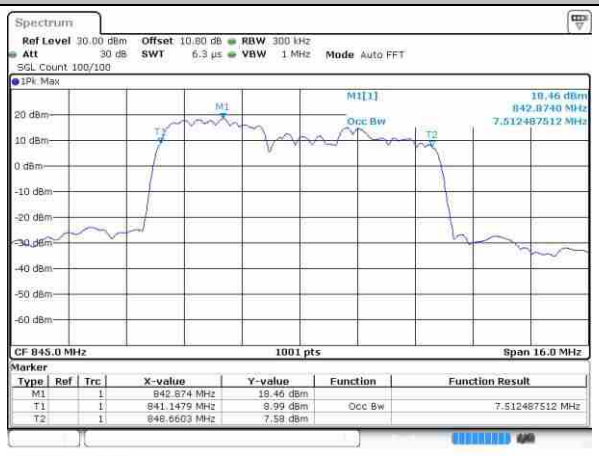
Middle Channel / 3MHz+5MHz



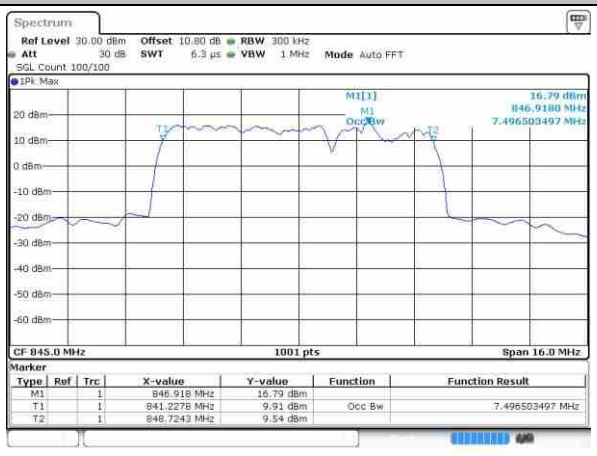
Middle Channel / 5MHz+3MHz



Highest Channel / 3MHz+5MHz



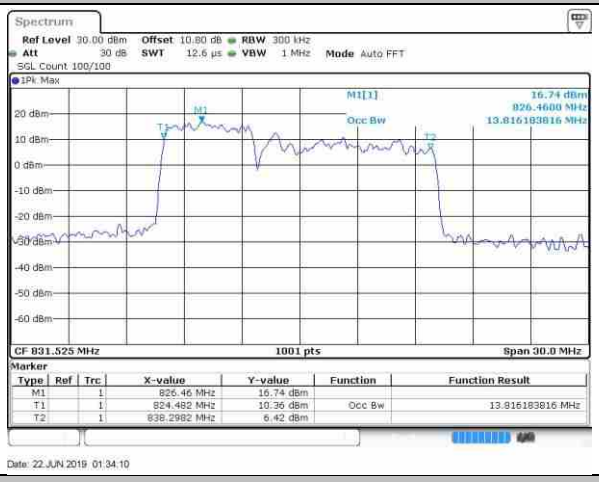
Highest Channel / 5MHz+3MHz



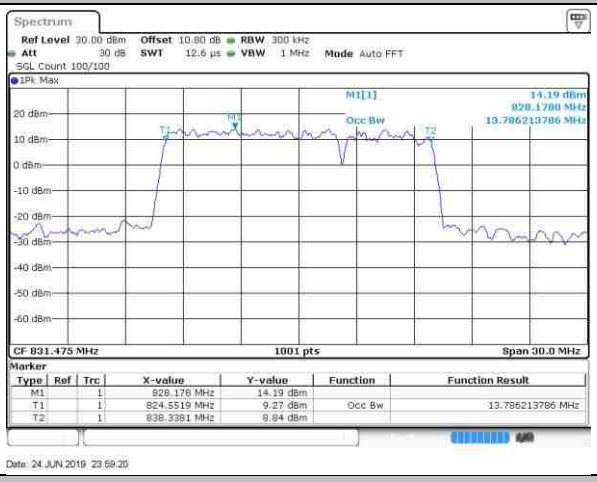
LTE Band 5B

16QAM

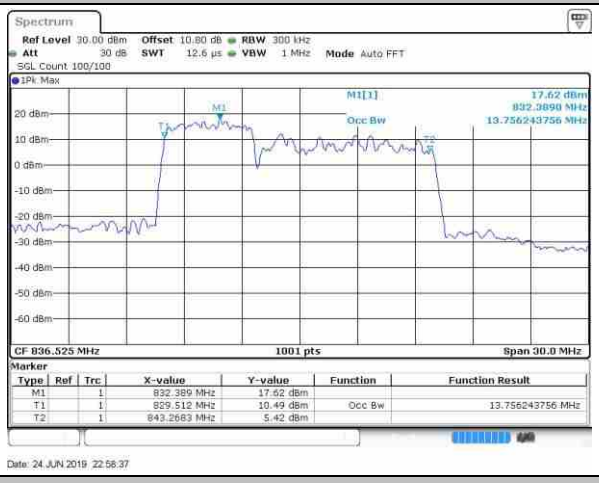
Lowest Channel / 5MHz+10MHz



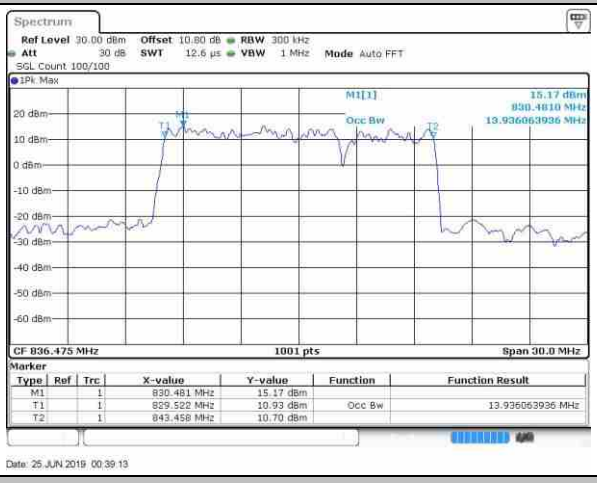
Lowest Channel / 10MHz+5MHz



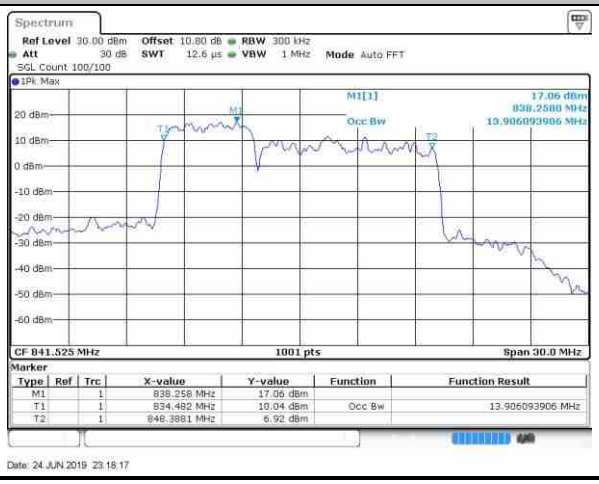
Middle Channel / 5MHz+10MHz



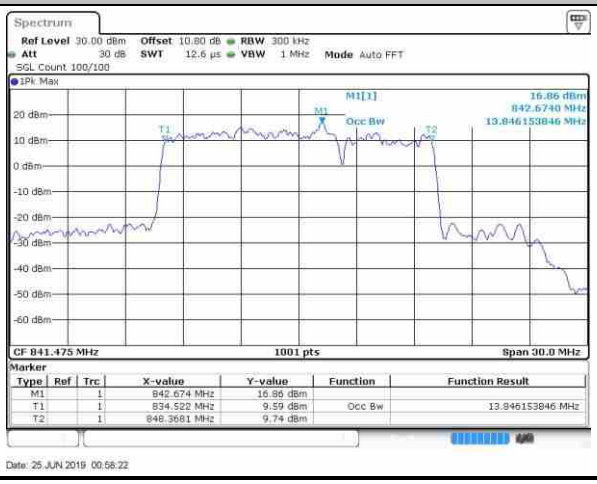
Middle Channel / 10MHz+5MHz

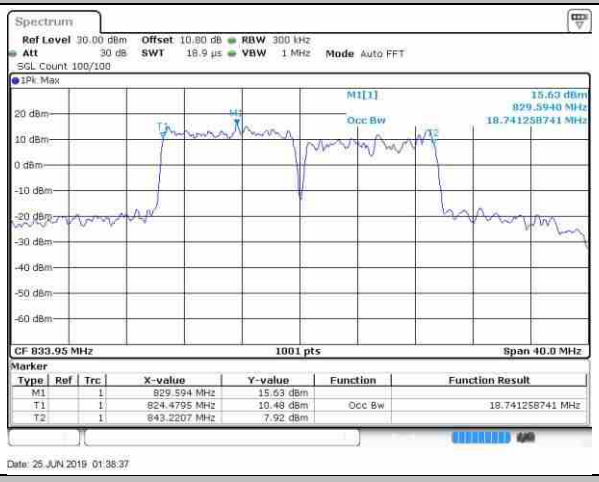
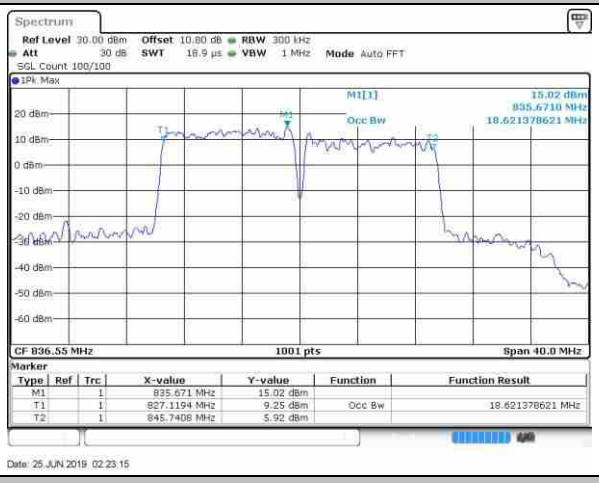
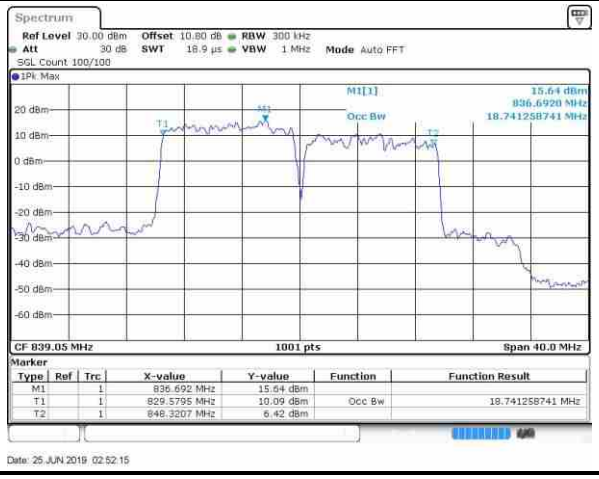


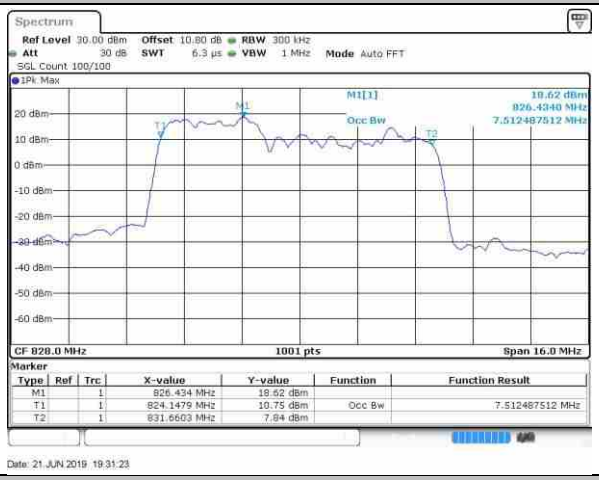
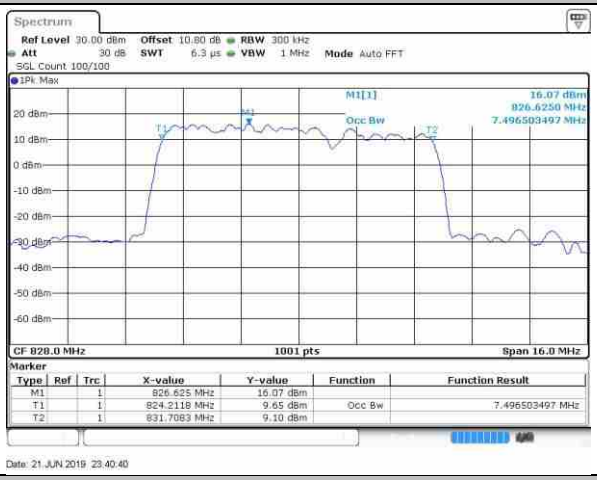
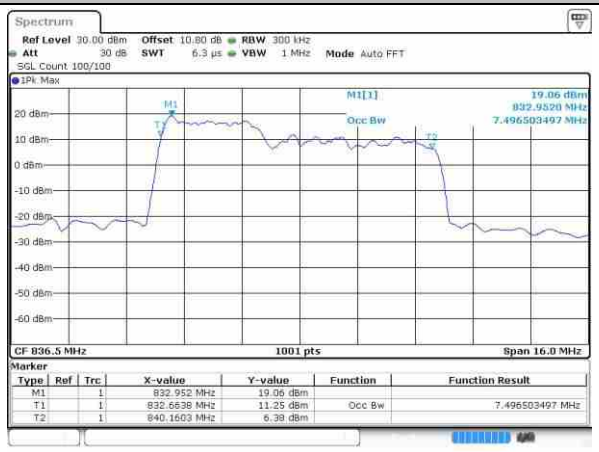
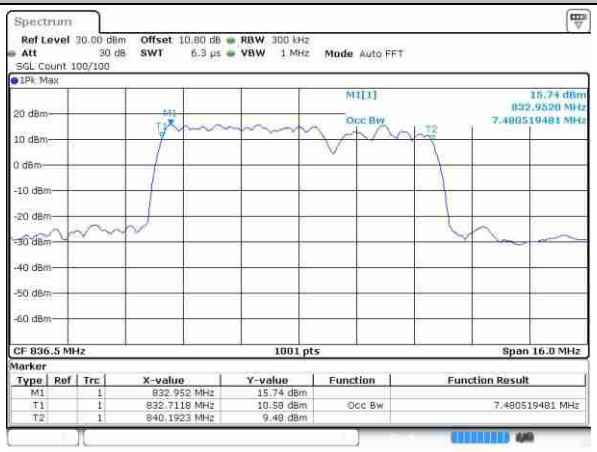
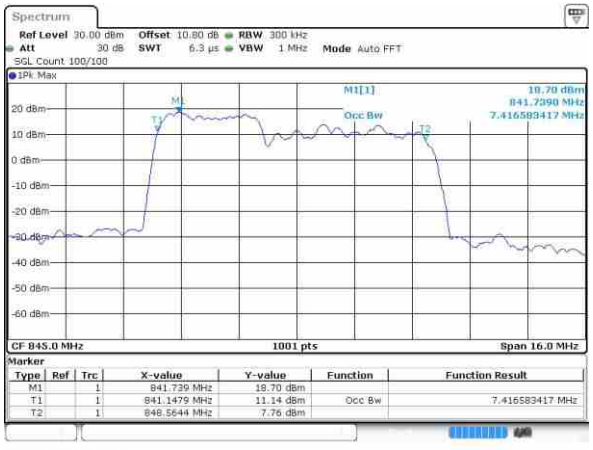
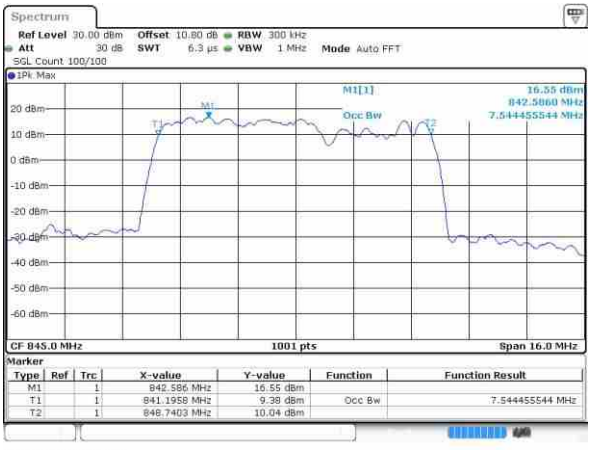
Highest Channel / 5MHz+10MHz

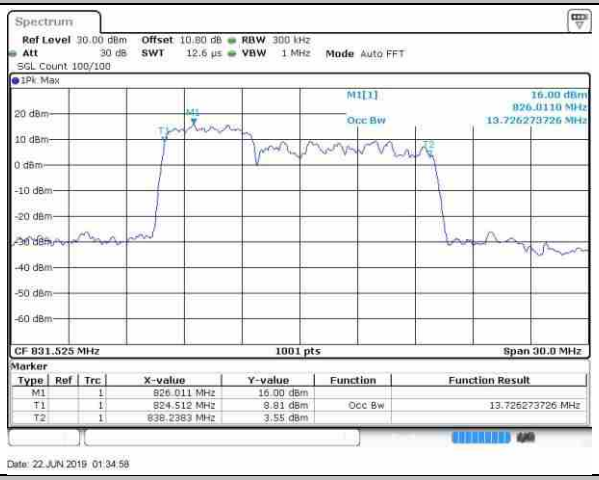
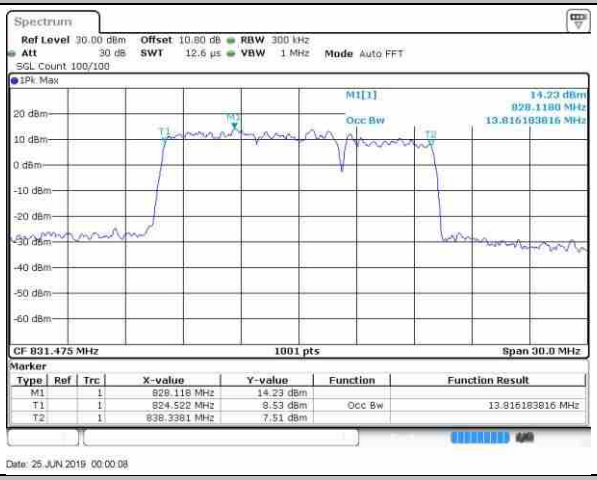
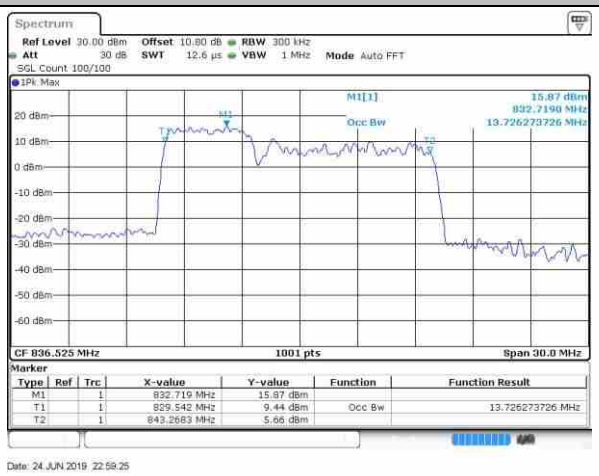
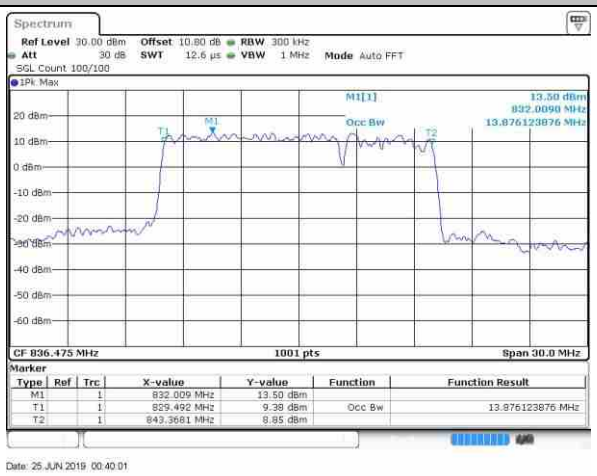
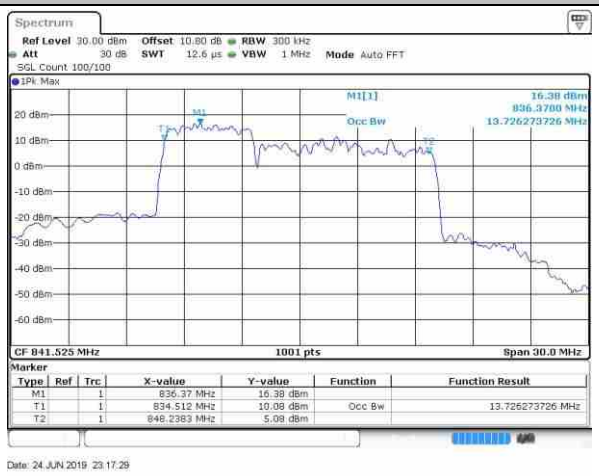
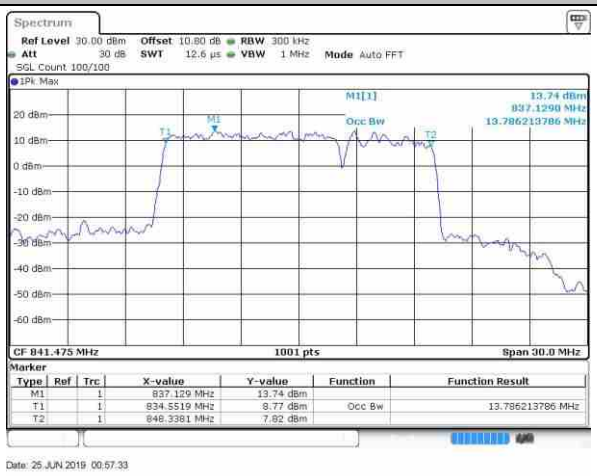


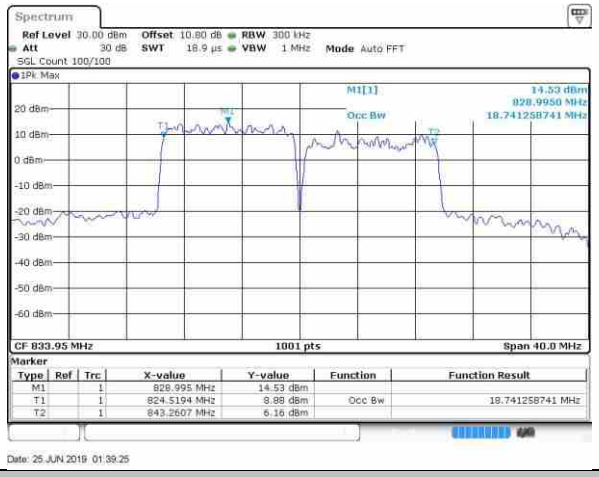
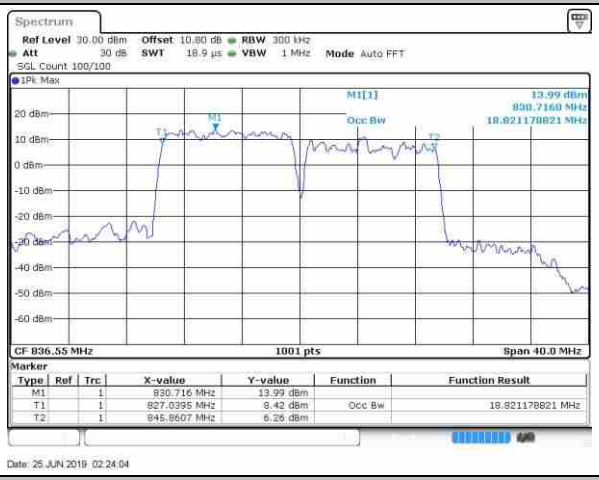
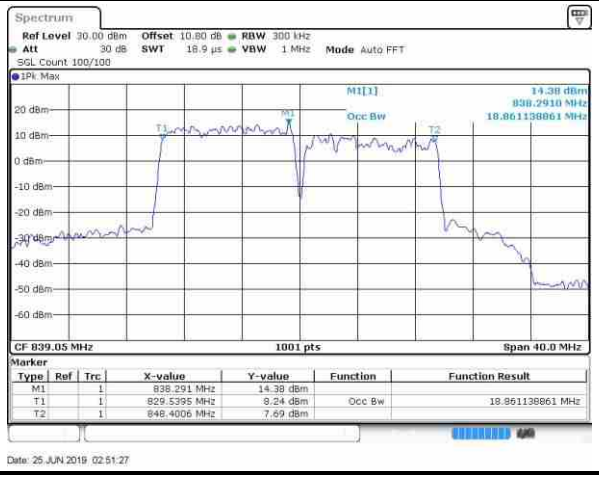
Highest Channel / 10MHz+5MHz



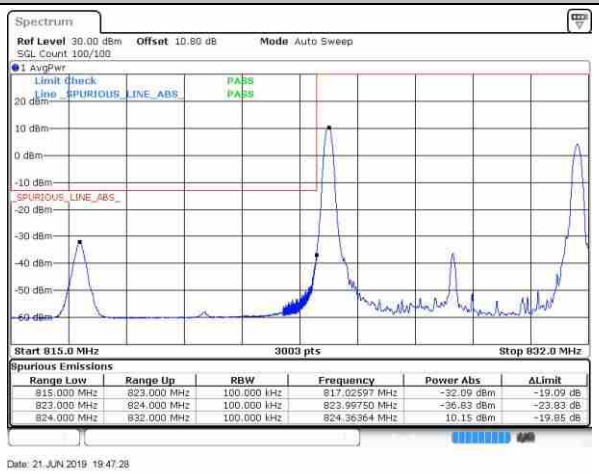
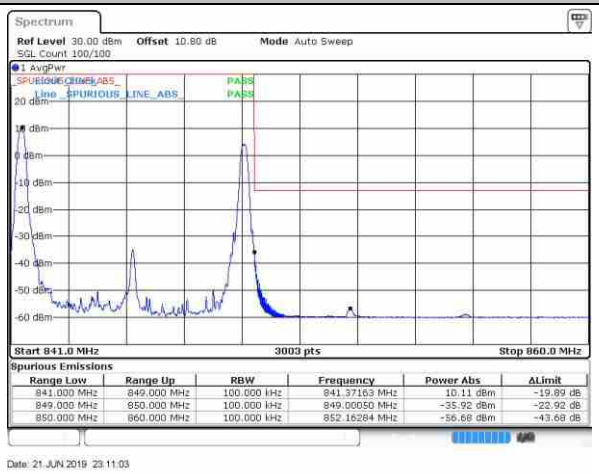
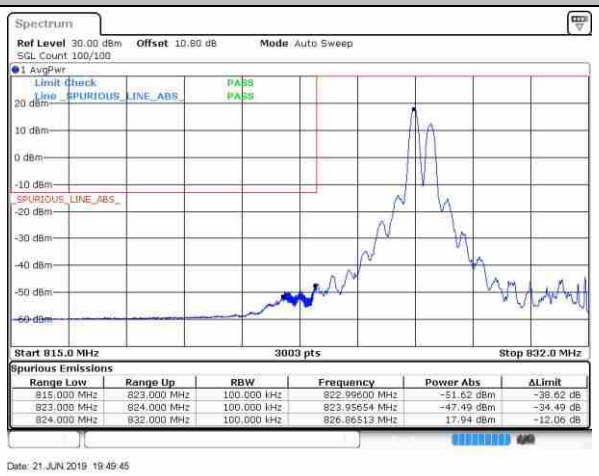
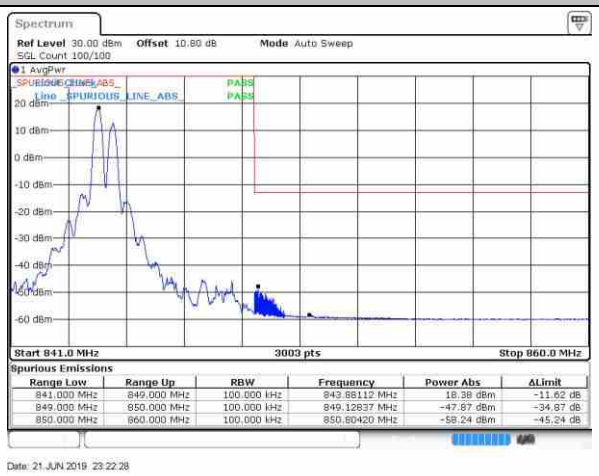
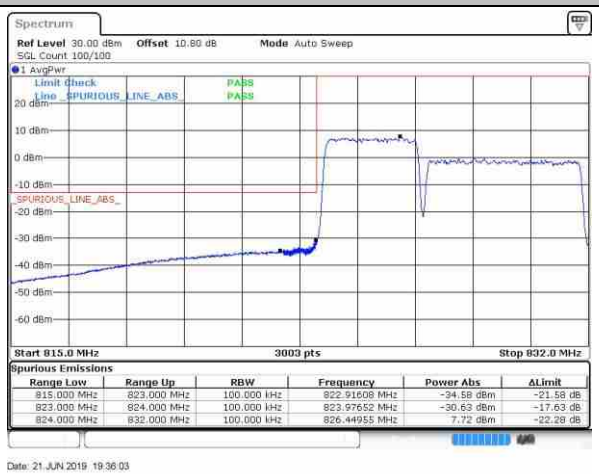
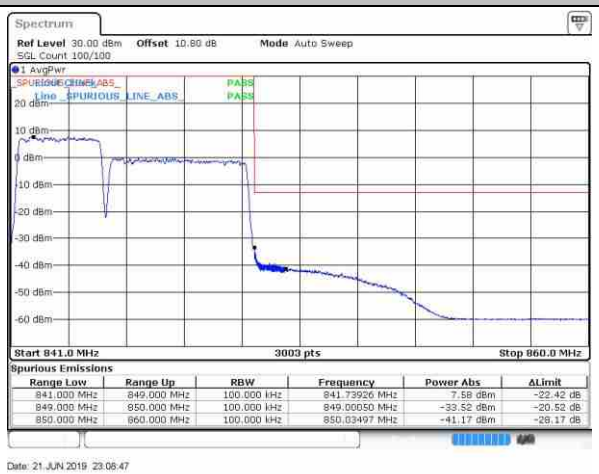
LTE Band 5B	
16QAM	
Lowest Channel / 10MHz+10MHz	
	
Middle Channel / 10MHz+10MHz	
	
Highest Channel / 10MHz+10MHz	
	

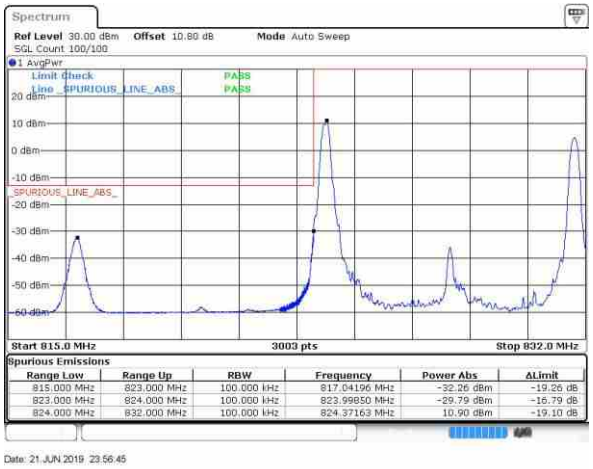
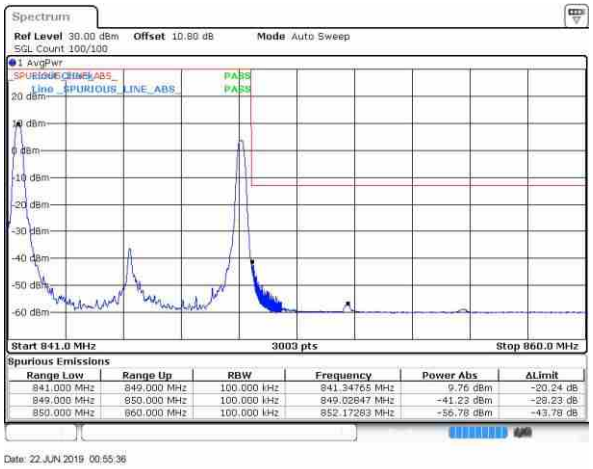
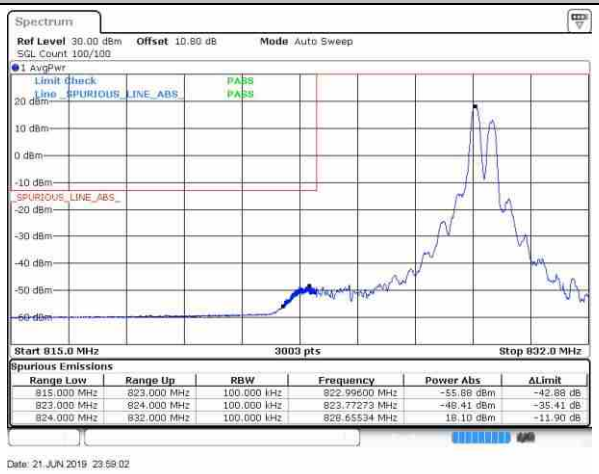
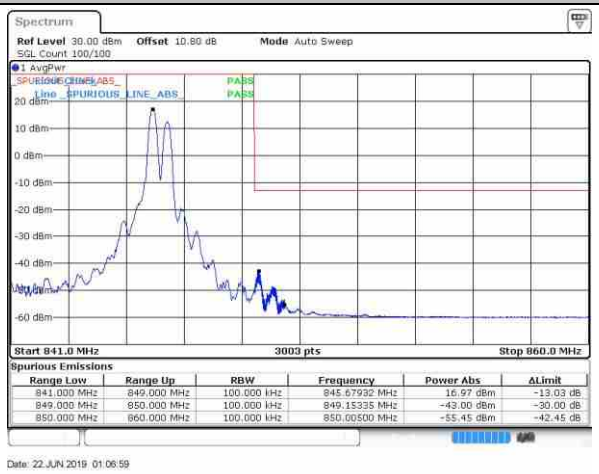
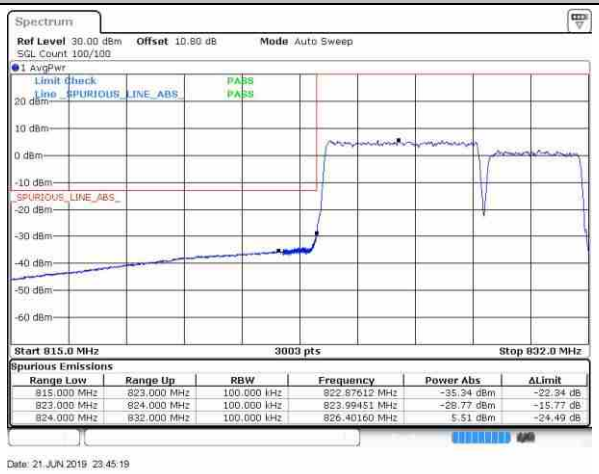
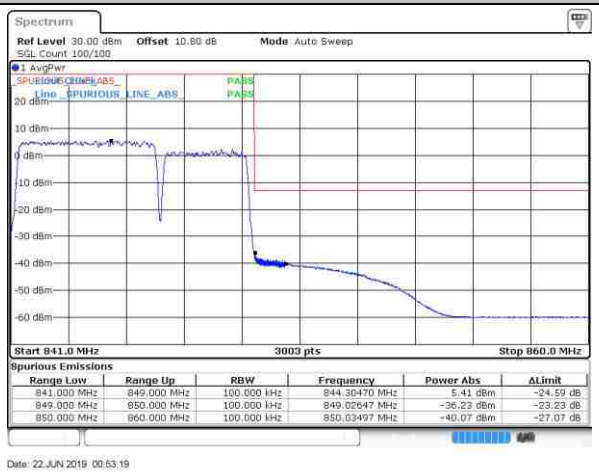
LTE Band 5B	
64QAM	
Lowest Channel / 3MHz+5MHz	Lowest Channel / 5MHz+3MHz
	
Middle Channel / 3MHz+5MHz	Middle Channel / 5MHz+3MHz
	
Highest Channel / 3MHz+5MHz	Highest Channel / 5MHz+3MHz
	

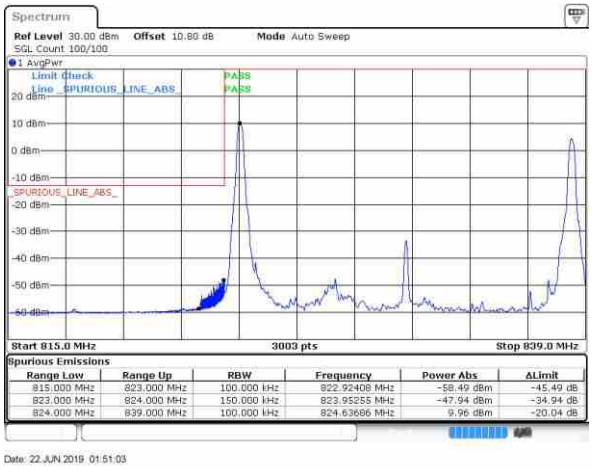
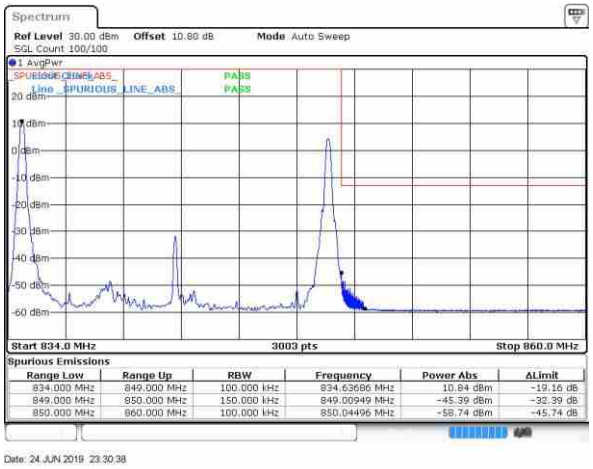
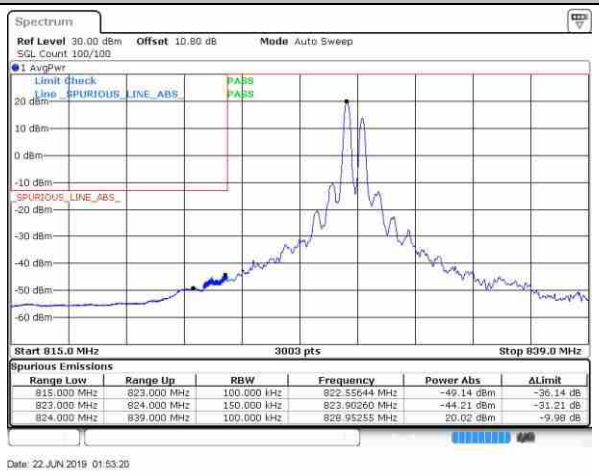
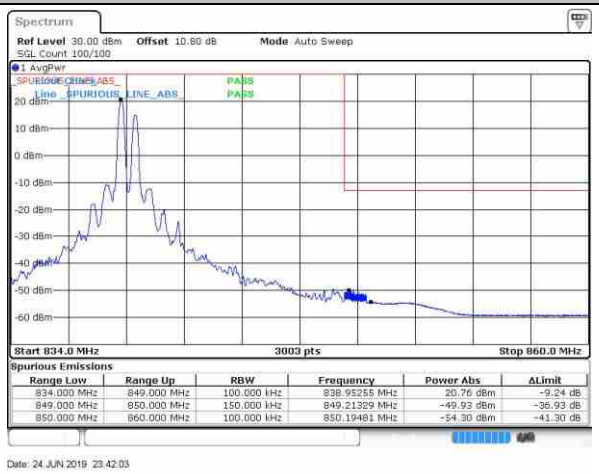
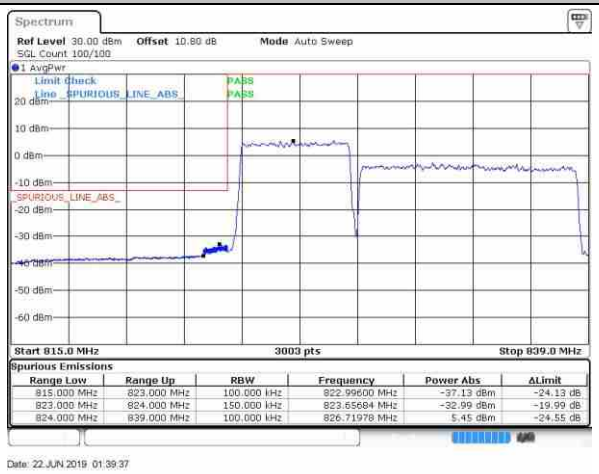
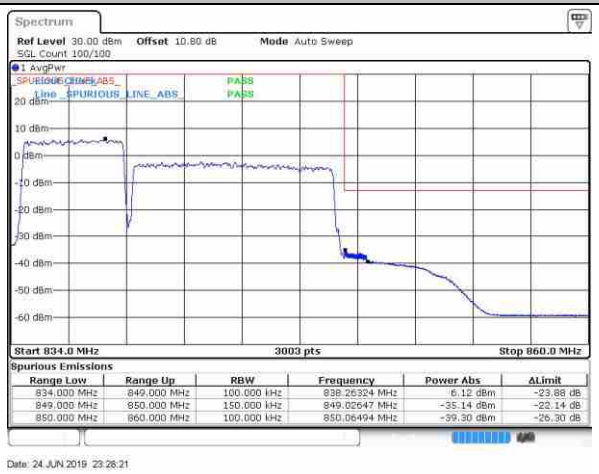
LTE Band 5B	
64QAM	
Lowest Channel / 5MHz+10MHz	Lowest Channel / 10MHz+5MHz
	
Middle Channel / 5MHz+10MHz	Middle Channel / 10MHz+5MHz
	
Highest Channel / 5MHz+10MHz	Highest Channel / 10MHz+5MHz
	

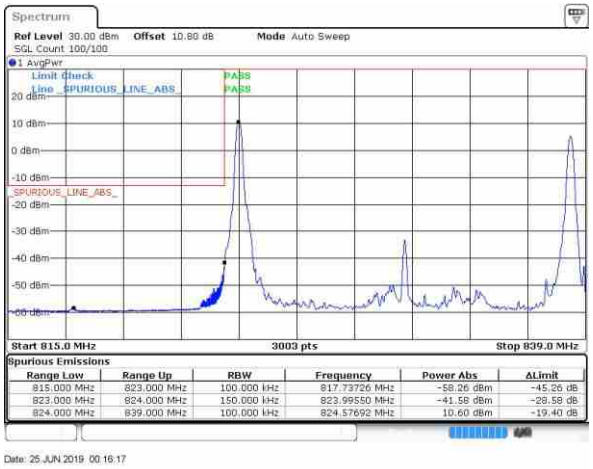
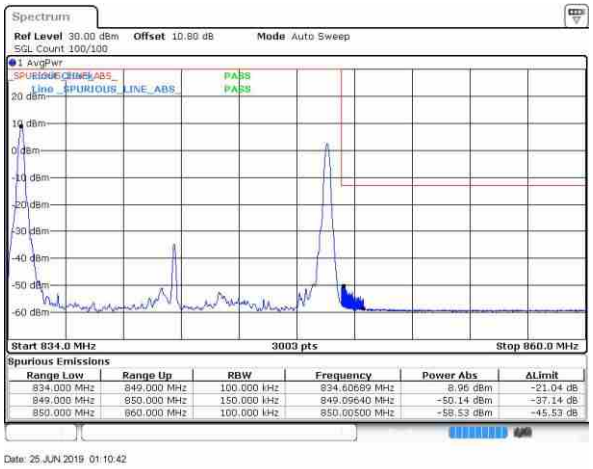
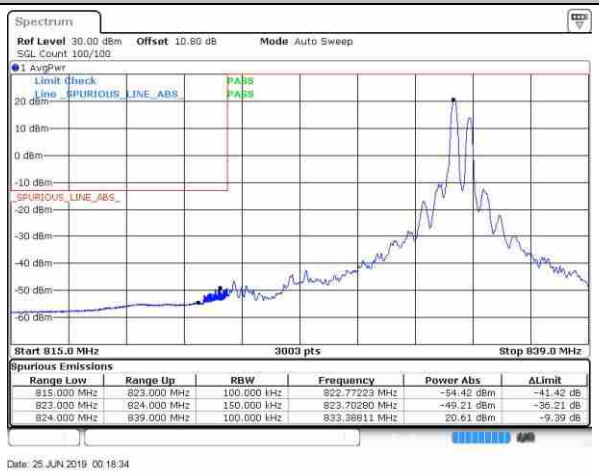
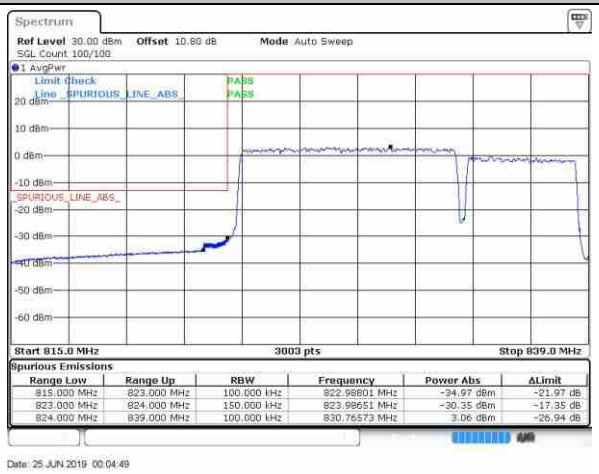
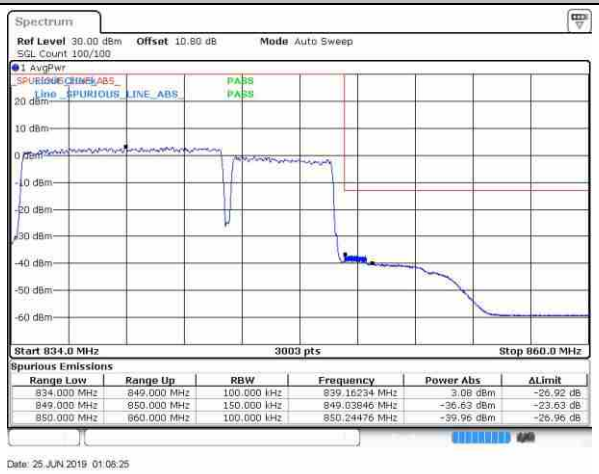
LTE Band 5B	
64QAM	
Lowest Channel / 10MHz+10MHz	
	
Middle Channel / 10MHz+10MHz	
	
Highest Channel / 10MHz+10MHz	
	

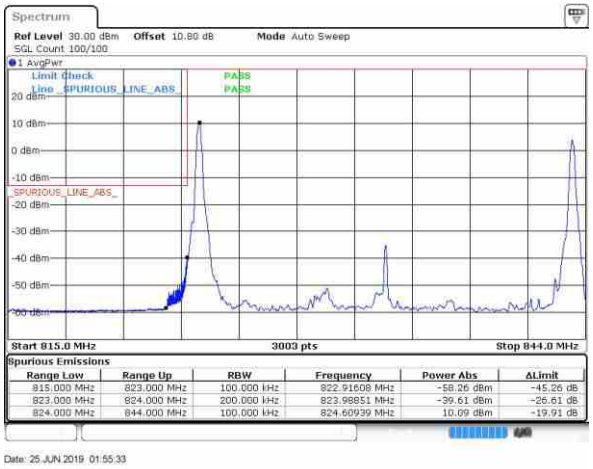
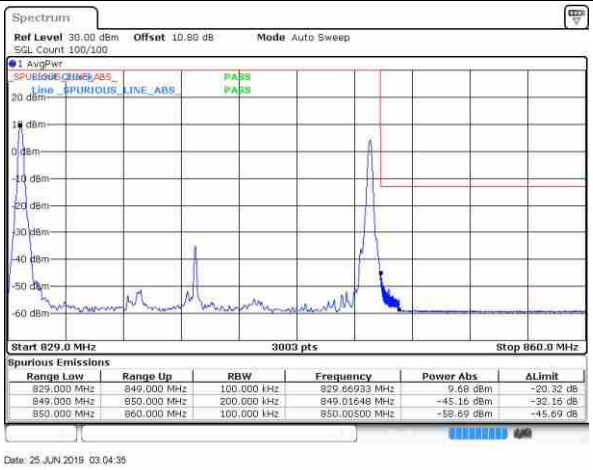
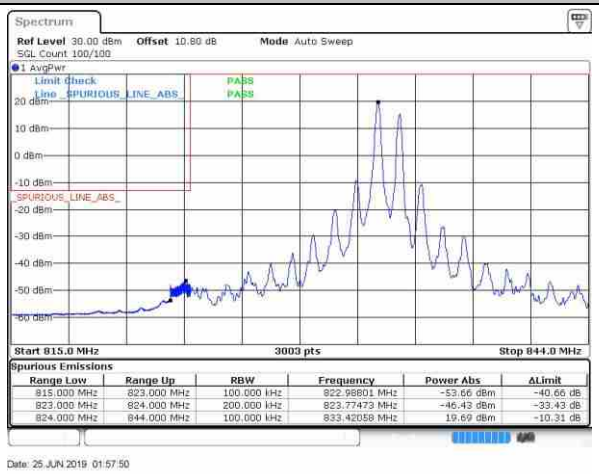
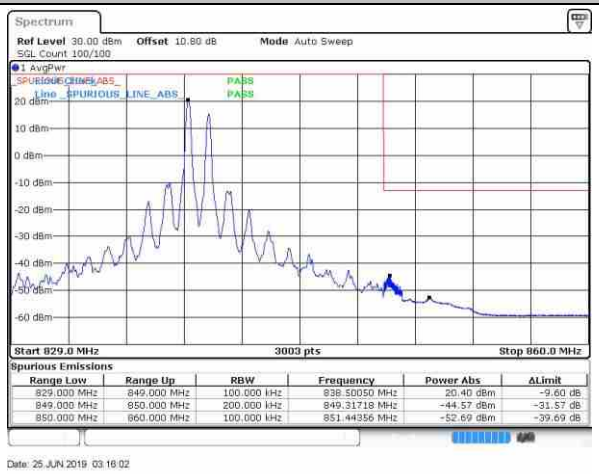
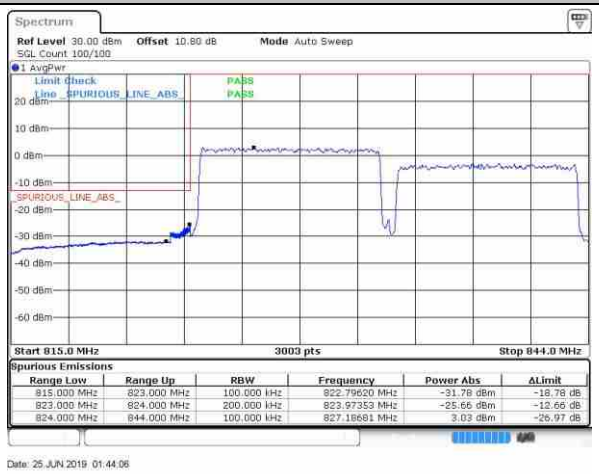
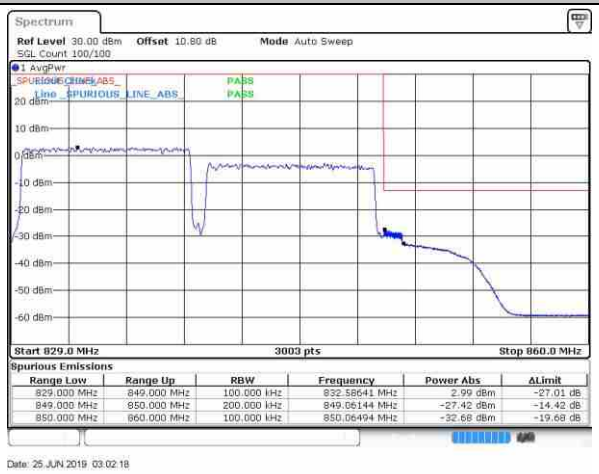
Conducted Band Edge

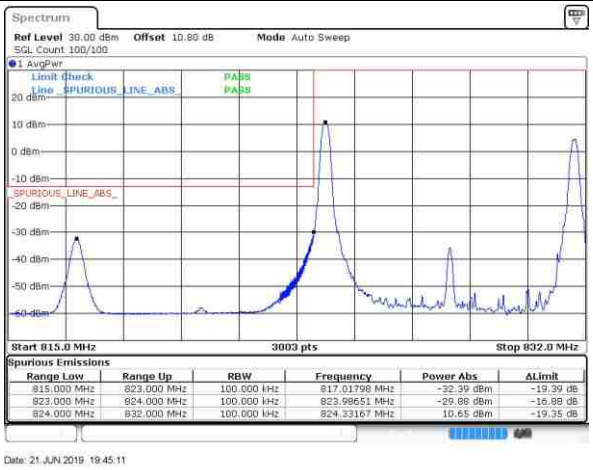
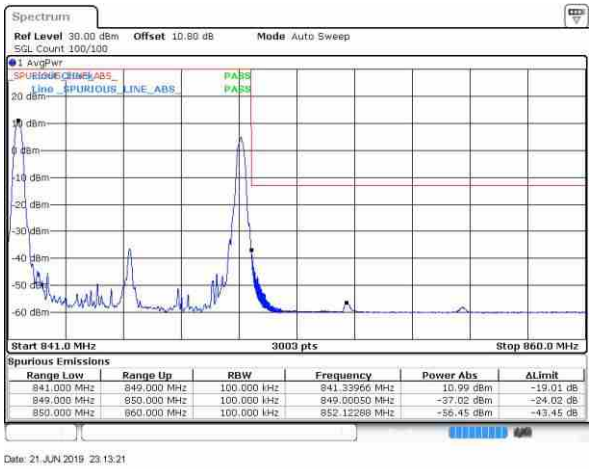
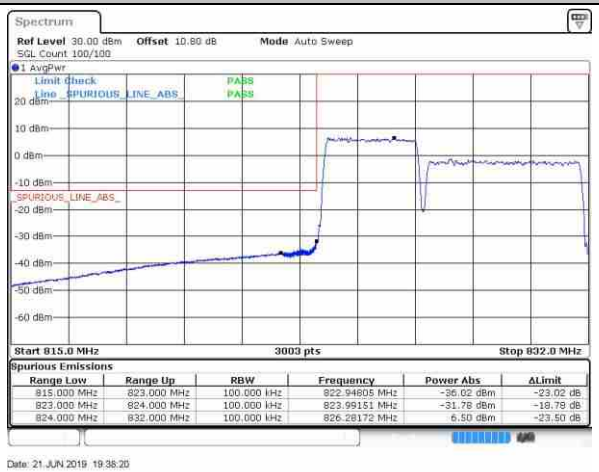
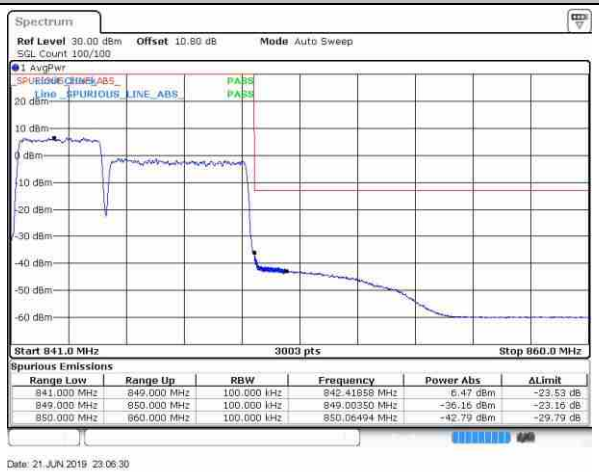
LTE Band 5B / 3MHz+5MHz	
QPSK	
Lowest Band Edge / 1RB0 and 1RB24	Highest Band Edge / 1RB0 and 1RB24
	
Lowest Band Edge / 1RB14 and 1RB0	Highest Band Edge / 1RB14 and 1RB0
	
Lowest Band Edge / Full RB	Highest Band Edge / Full RB
	

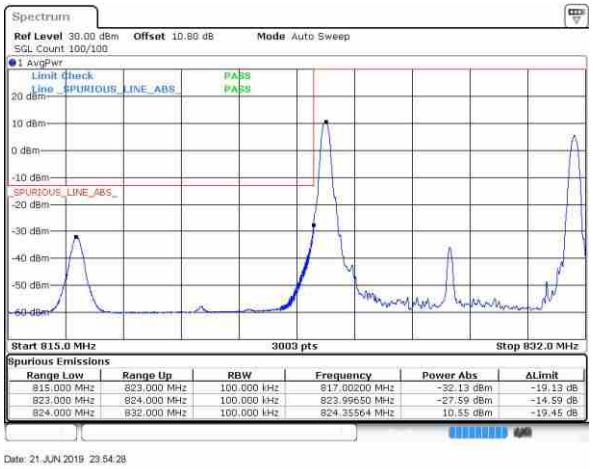
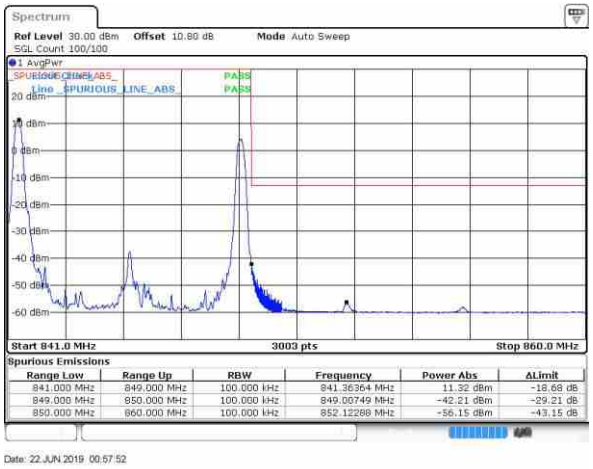
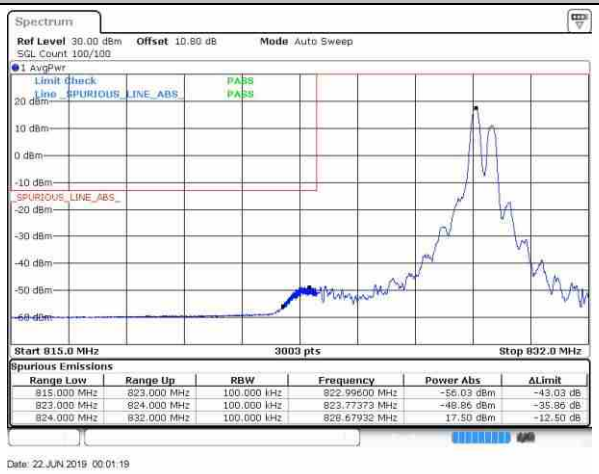
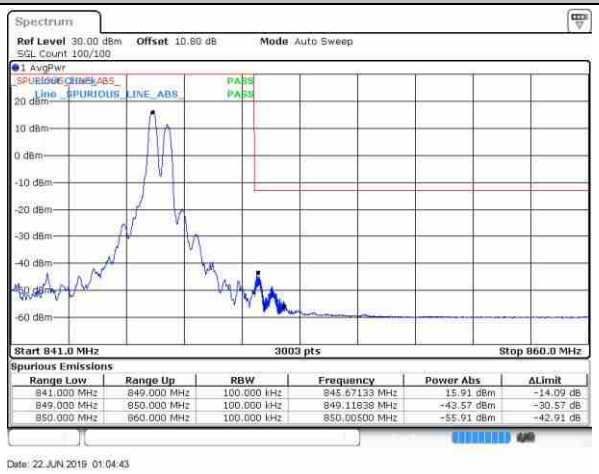
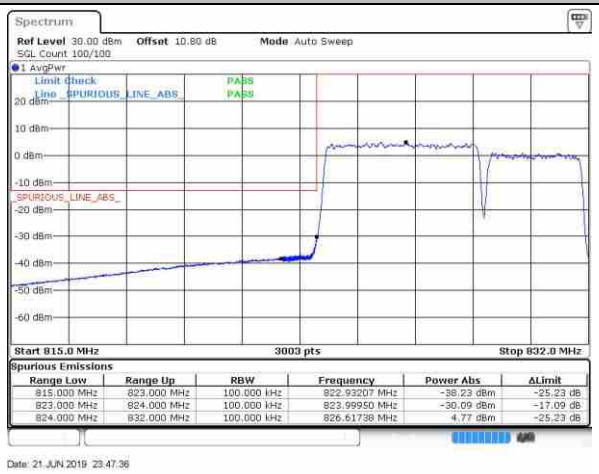
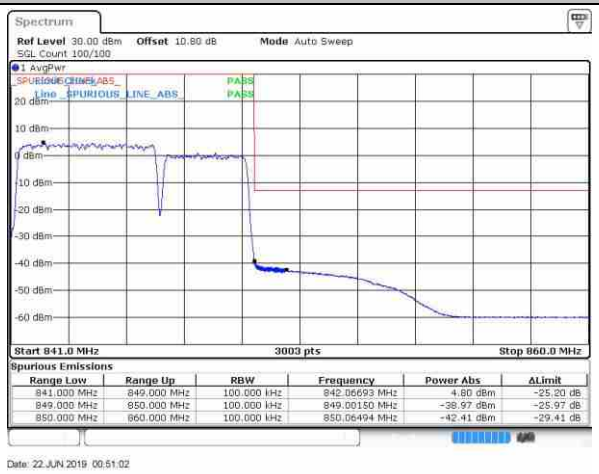
LTE Band 5B / 5MHz+3MHz	
QPSK	
Lowest Band Edge / 1RB0 and 1RB14	Highest Band Edge / 1RB0 and 1RB14
	
Lowest Band Edge / 1RB24 and 1RB0	Highest Band Edge / 1RB24 and 1RB0
	
Lowest Band Edge / Full RB	Highest Band Edge / Full RB
	

LTE Band 5B / 5MHz+10MHz	
QPSK	
Lowest Band Edge / 1RB0 and 1RB49	Highest Band Edge / 1RB0 and 1RB49
	
Lowest Band Edge / 1RB24 and 1RB0	Highest Band Edge / 1RB24 and 1RB0
	
Lowest Band Edge / Full RB	Highest Band Edge / Full RB
	

LTE Band 5B / 10MHz+5MHz	
QPSK	
Lowest Band Edge / 1RB0 and 1RB24	Highest Band Edge / 1RB0 and 1RB24
	
Lowest Band Edge / 1RB49 and 1RB0	Highest Band Edge / 1RB49 and 1RB0
	
Lowest Band Edge / Full RB	Highest Band Edge / Full RB
	

LTE Band 5B / 10MHz+10MHz	
QPSK	
Lowest Band Edge / 1RB0 and 1RB49	Highest Band Edge / 1RB0 and 1RB49
	
Lowest Band Edge / 1RB49 and 1RB0	Highest Band Edge / 1RB49 and 1RB0
	
Lowest Band Edge / Full RB	Highest Band Edge / Full RB
	

LTE Band 5B / 3MHz+5MHz	
16QAM	
Lowest Band Edge / 1RB0 and 1RB24	Highest Band Edge / 1RB0 and 1RB24
	
Lowest Band Edge / 1RB14 and 1RB0	Highest Band Edge / 1RB14 and 1RB0
Lowest Band Edge / Full RB	Highest Band Edge / Full RB
	

LTE Band 5B / 5MHz+3MHz	
16QAM	
Lowest Band Edge / 1RB0 and 1RB14	Highest Band Edge / 1RB0 and 1RB14
	
Lowest Band Edge / 1RB24 and 1RB0	Highest Band Edge / 1RB24 and 1RB0
	
Lowest Band Edge / Full RB	Highest Band Edge / Full RB