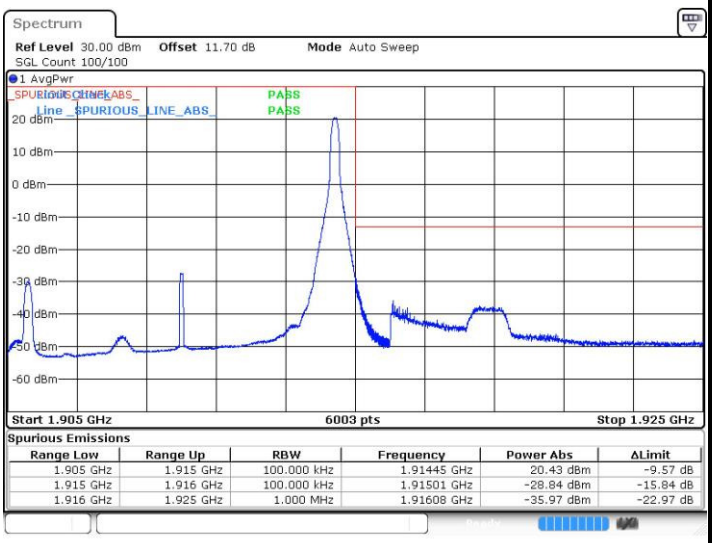
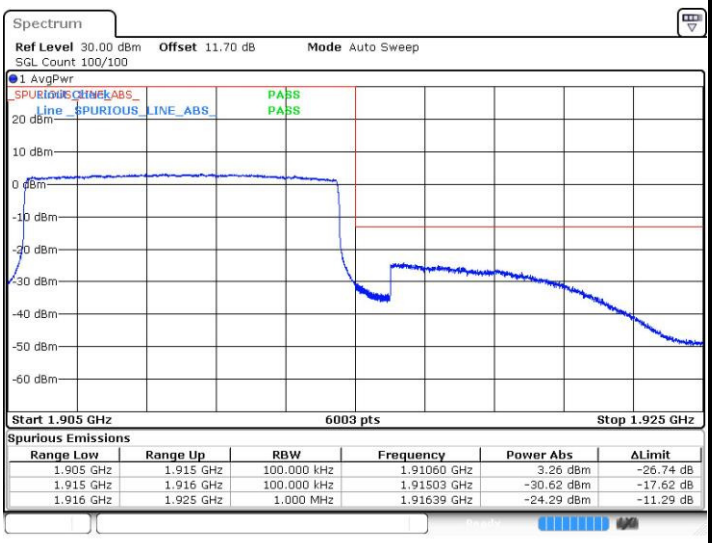
LTE Band 25 / 10MHz / QPSK	
	Highest Band Edge / 1 RB
	
	Highest Band Edge / Full RB
	

LTE Band 25 / 10MHz / 16QAM	
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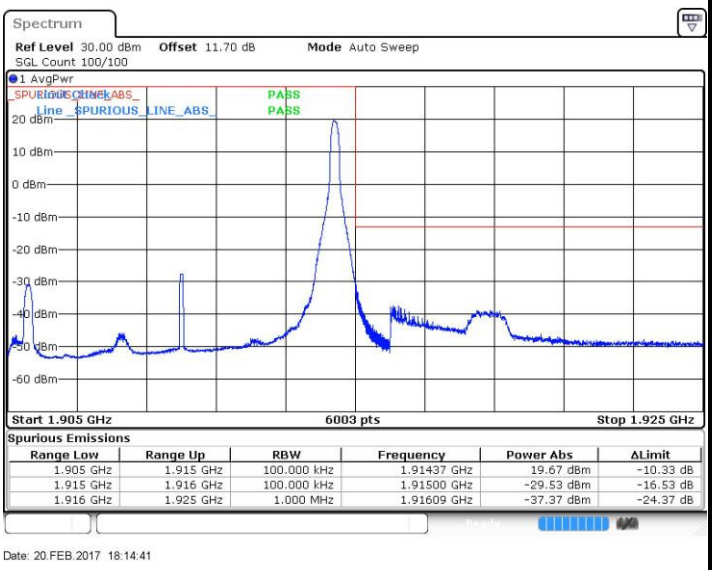
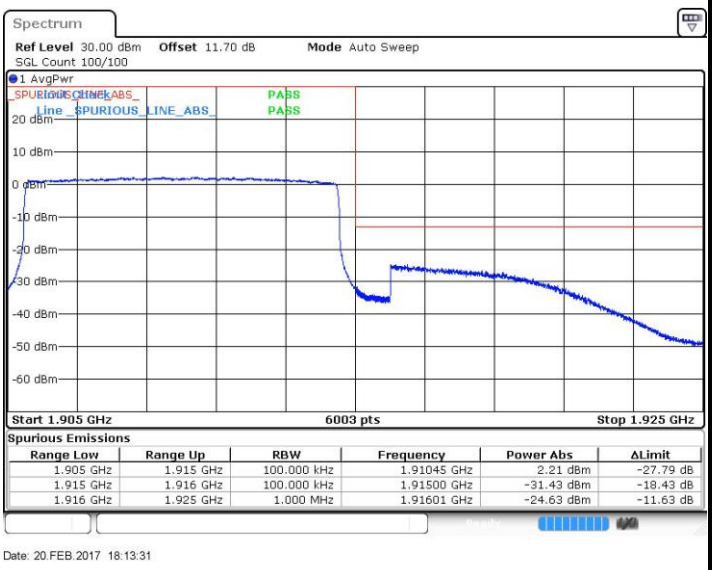
	
	Highest Band Edge / Full RB
	

LTE Band 25 / 15MHz / QPSK	
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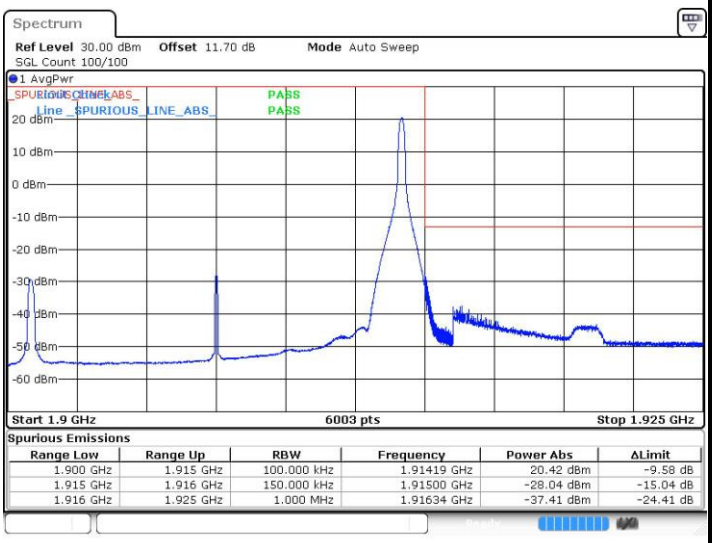
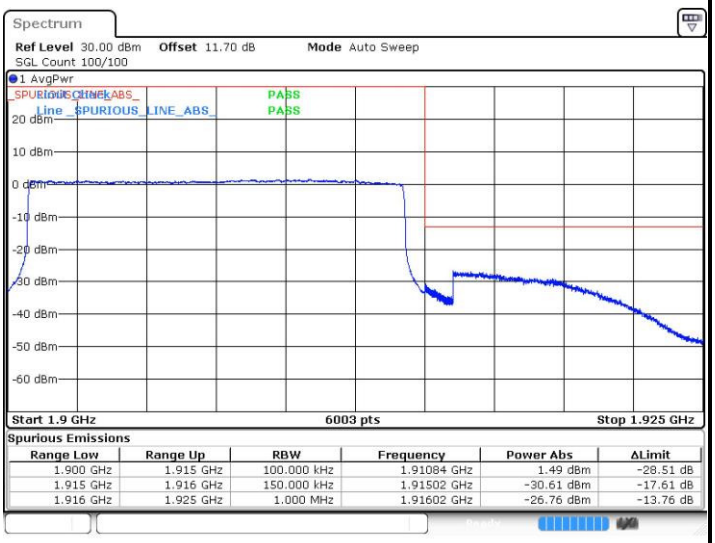
	
	Highest Band Edge / Full RB
	

LTE Band 25 / 15MHz / 16QAM	
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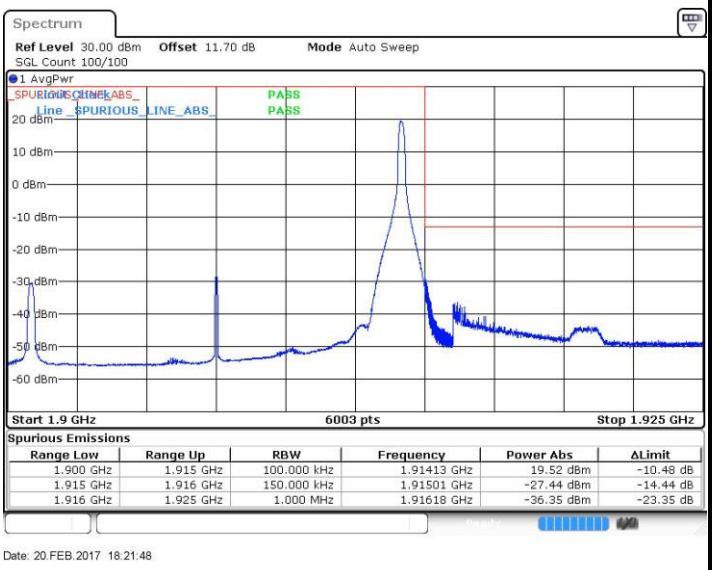
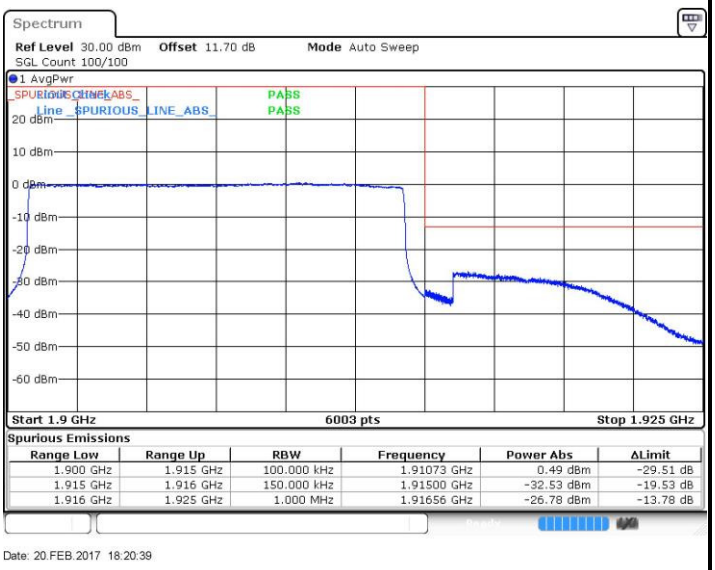
	
	Highest Band Edge / Full RB
	

LTE Band 25 / 20MHz / QPSK	
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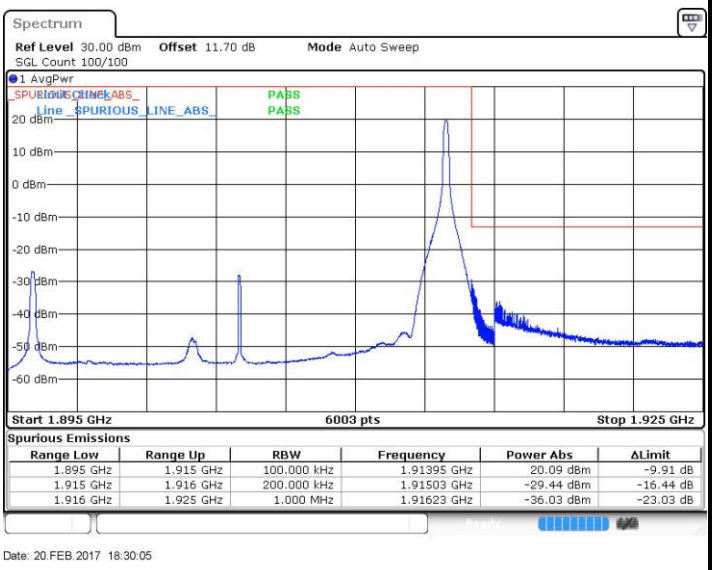
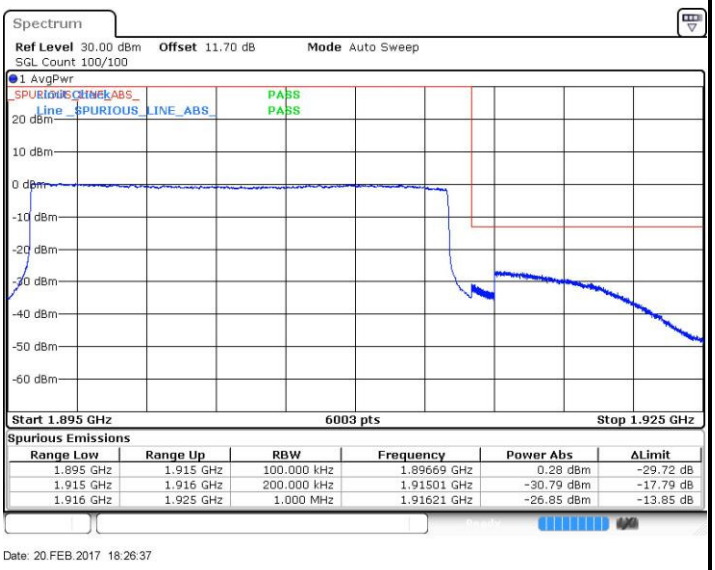
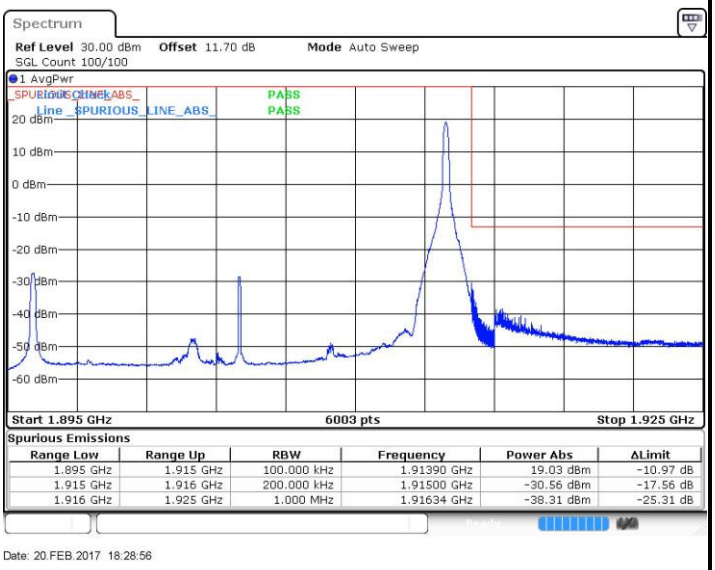
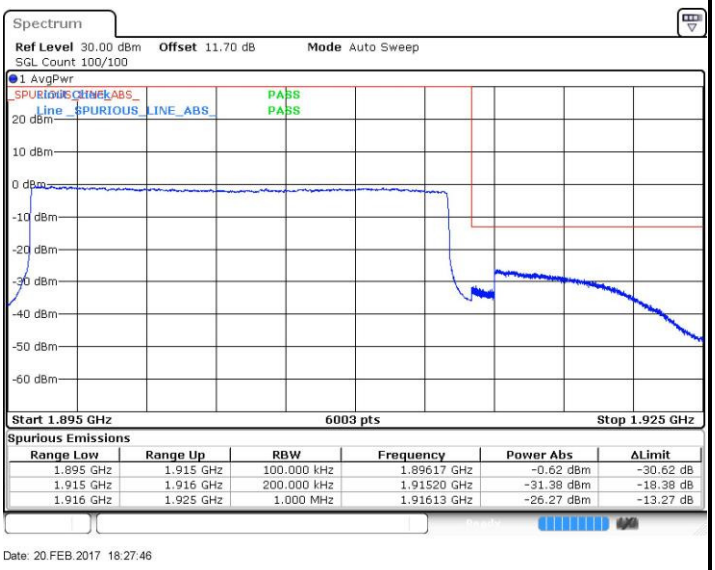
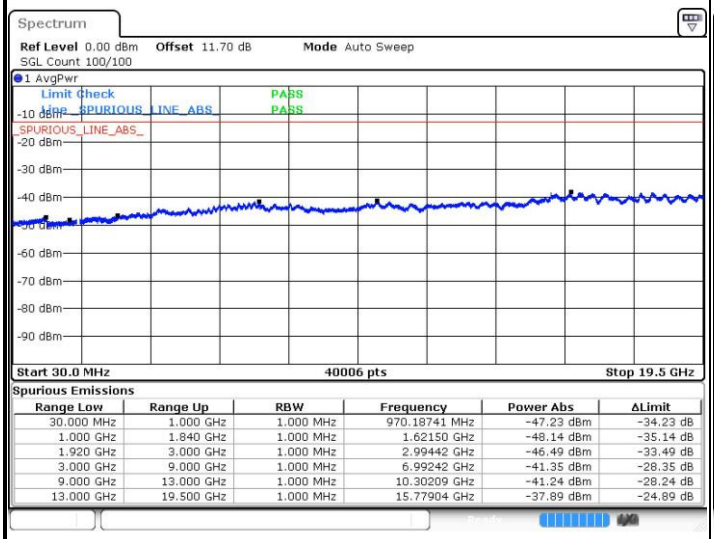
	
	Highest Band Edge / Full RB
	

LTE Band 25 / 20MHz / 16QAM	
	Highest Band Edge / 1 RB
	
	Highest Band Edge / Full RB
	

Conducted Spurious Emission

LTE Band 25 / 1.4MHz

Highest Channel / QPSK

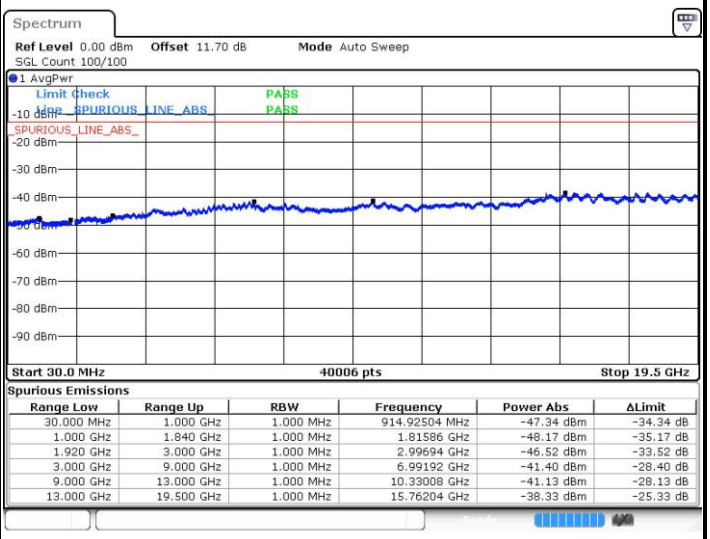


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.18741 MHz	-47.23 dBm	-34.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62150 GHz	-48.14 dBm	-35.14 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99442 GHz	-46.49 dBm	-33.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-41.35 dBm	-28.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30209 GHz	-41.24 dBm	-28.24 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77904 GHz	-37.89 dBm	-24.89 dB

Date: 20.FEB.2017 18:38:07

Highest Channel / 16QAM



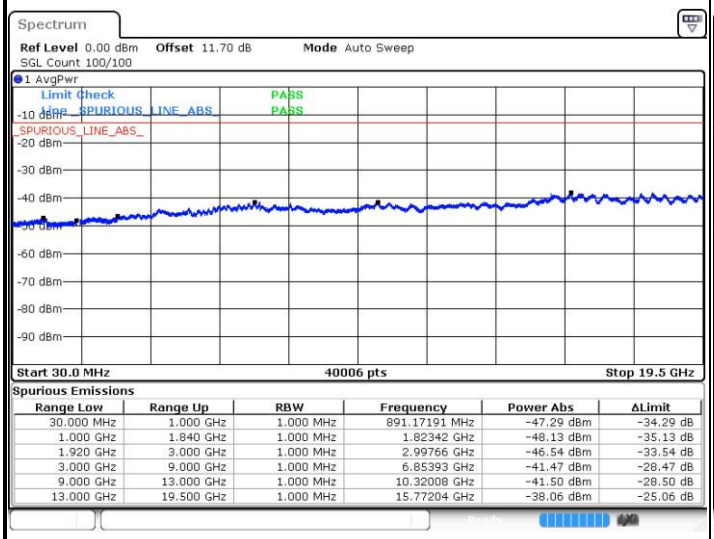
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-47.34 dBm	-34.34 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81586 GHz	-48.17 dBm	-35.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99694 GHz	-46.52 dBm	-33.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.40 dBm	-28.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33008 GHz	-41.13 dBm	-28.13 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76204 GHz	-38.33 dBm	-25.33 dB

Date: 20.FEB.2017 18:39:01

LTE Band 25 / 3MHz

Highest Channel / QPSK

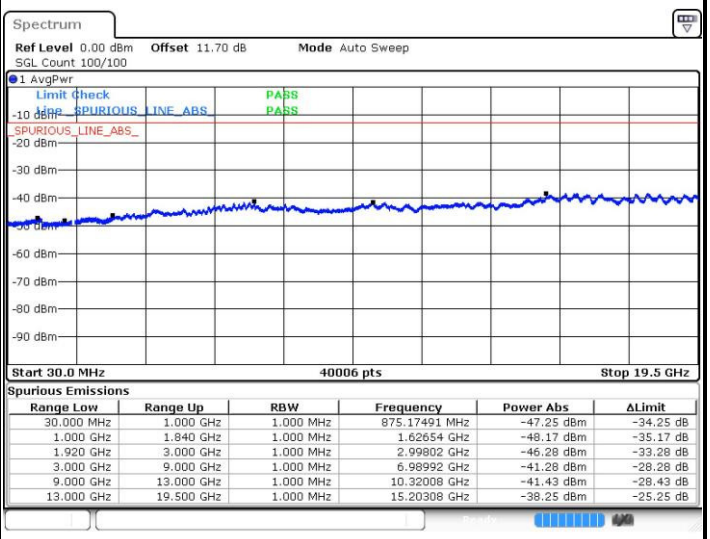


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	891.17191 MHz	-47.29 dBm	-34.29 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82342 GHz	-48.13 dBm	-35.13 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99766 GHz	-46.54 dBm	-33.54 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85393 GHz	-41.47 dBm	-28.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32008 GHz	-41.50 dBm	-28.50 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77204 GHz	-38.06 dBm	-25.06 dB

Date: 20.FEB.2017 18:02:30

Highest Channel / 16QAM



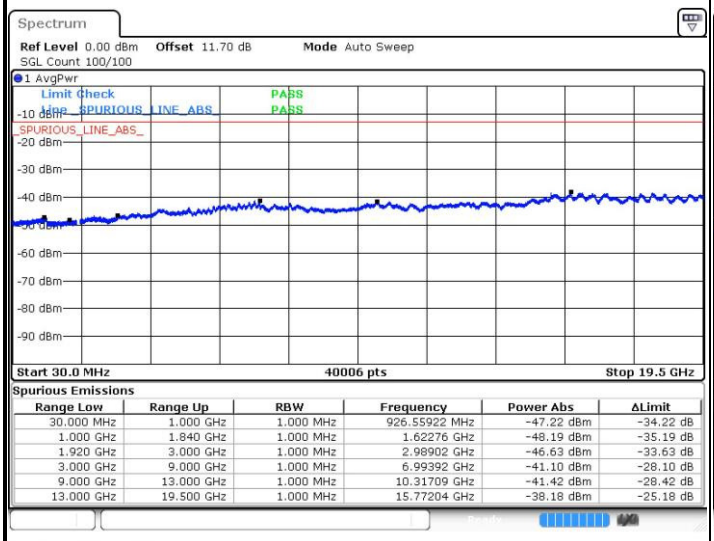
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	875.17491 MHz	-47.25 dBm	-34.25 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62654 GHz	-48.17 dBm	-35.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99802 GHz	-46.28 dBm	-33.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.28 dBm	-28.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32008 GHz	-41.43 dBm	-28.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.20308 GHz	-38.25 dBm	-25.25 dB

Date: 20.FEB.2017 18:03:24

LTE Band 25 / 5MHz

Highest Channel / QPSK

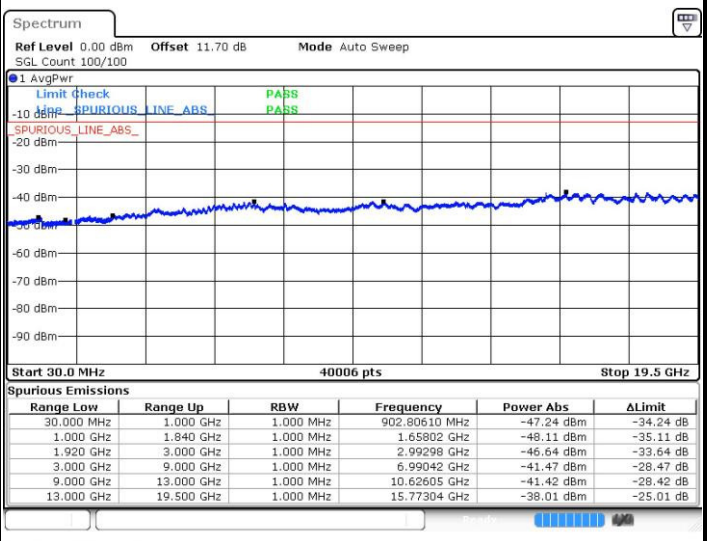


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.55922 MHz	-47.22 dBm	-34.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.62276 GHz	-48.19 dBm	-35.19 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98902 GHz	-46.63 dBm	-33.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.10 dBm	-28.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31709 GHz	-41.42 dBm	-28.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77204 GHz	-38.18 dBm	-25.18 dB

Date: 20.FEB.2017 18:09:37

Highest Channel / 16QAM



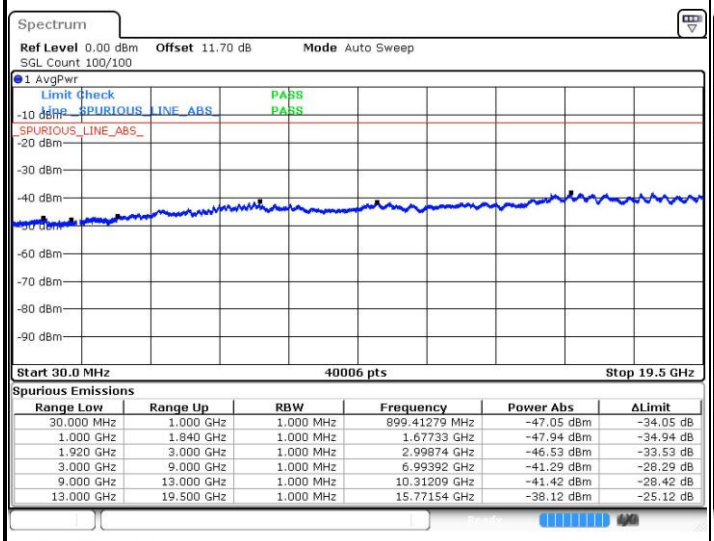
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.80610 MHz	-47.24 dBm	-34.24 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65802 GHz	-48.11 dBm	-35.11 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99298 GHz	-46.64 dBm	-33.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.47 dBm	-28.47 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.62605 GHz	-41.42 dBm	-28.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77304 GHz	-38.01 dBm	-25.01 dB

Date: 20.FEB.2017 18:10:32

LTE Band 25 / 10MHz

Highest Channel / QPSK

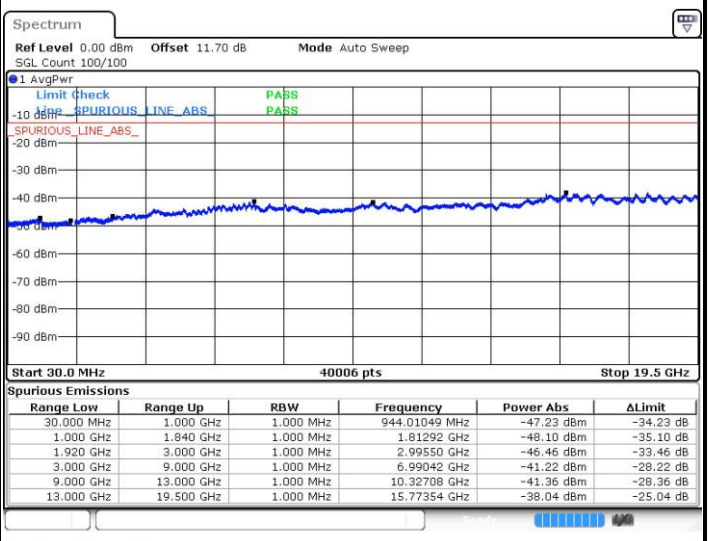


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-47.05 dBm	-34.05 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.67733 GHz	-47.94 dBm	-34.94 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99874 GHz	-46.53 dBm	-33.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.29 dBm	-28.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31209 GHz	-41.42 dBm	-28.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77154 GHz	-38.12 dBm	-25.12 dB

Date: 20.FEB.2017 18:16:45

Highest Channel / 16QAM



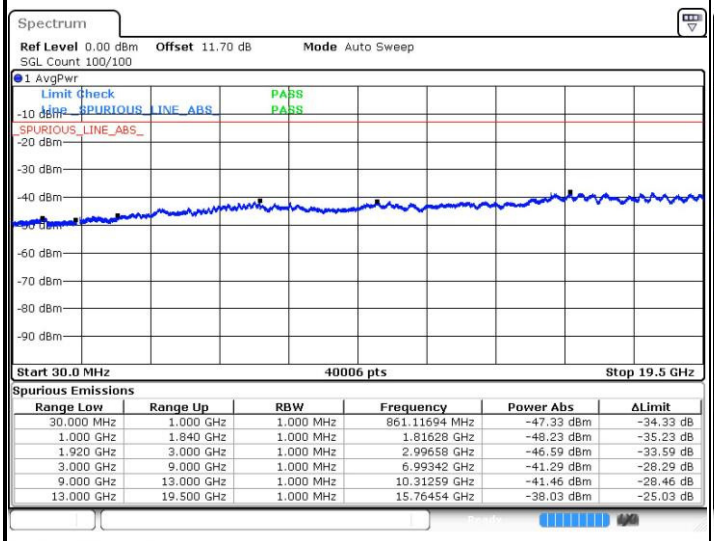
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-47.23 dBm	-34.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81292 GHz	-48.10 dBm	-35.10 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99550 GHz	-46.46 dBm	-33.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.22 dBm	-28.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32708 GHz	-41.36 dBm	-28.36 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77354 GHz	-38.04 dBm	-25.04 dB

Date: 20.FEB.2017 18:17:40

LTE Band 25 / 15MHz

Highest Channel / QPSK

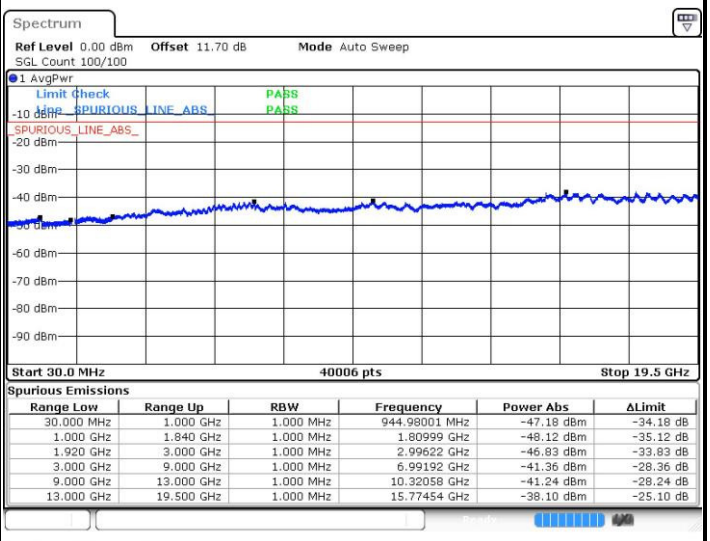


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	861.11694 MHz	-47.33 dBm	-34.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81628 GHz	-48.23 dBm	-35.23 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99658 GHz	-46.59 dBm	-33.59 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99342 GHz	-41.29 dBm	-28.29 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31259 GHz	-41.46 dBm	-28.46 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76454 GHz	-38.03 dBm	-25.03 dB

Date: 20.FEB.2017 18:23:52

Highest Channel / 16QAM



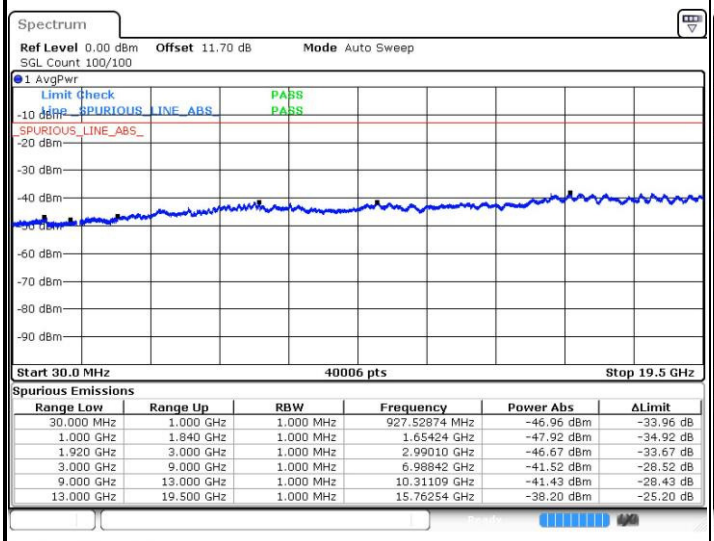
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-47.18 dBm	-34.18 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80999 GHz	-48.12 dBm	-35.12 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99622 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.36 dBm	-28.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32058 GHz	-41.24 dBm	-28.24 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77454 GHz	-38.10 dBm	-25.10 dB

Date: 20.FEB.2017 18:24:47

LTE Band 25 / 20MHz

Highest Channel / QPSK

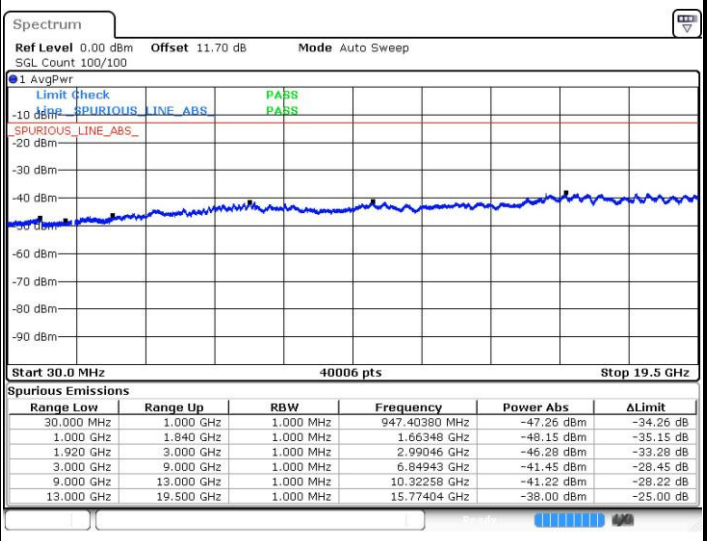


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.52874 MHz	-46.96 dBm	-33.96 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65424 GHz	-47.92 dBm	-34.92 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99010 GHz	-46.67 dBm	-33.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-41.52 dBm	-28.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31109 GHz	-41.43 dBm	-28.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76254 GHz	-38.20 dBm	-25.20 dB

Date: 20.FEB.2017 18:31:00

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-47.26 dBm	-34.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.66348 GHz	-48.15 dBm	-35.15 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99046 GHz	-46.28 dBm	-33.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84943 GHz	-41.45 dBm	-28.45 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32258 GHz	-41.22 dBm	-28.22 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77404 GHz	-38.00 dBm	-25.00 dB

Date: 20.FEB.2017 18:31:54

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0075	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

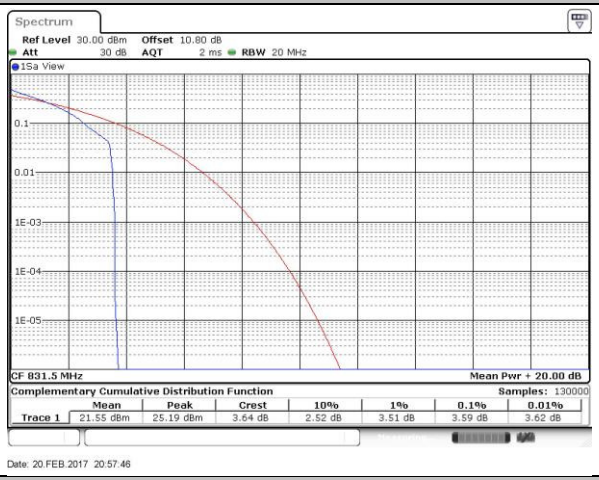
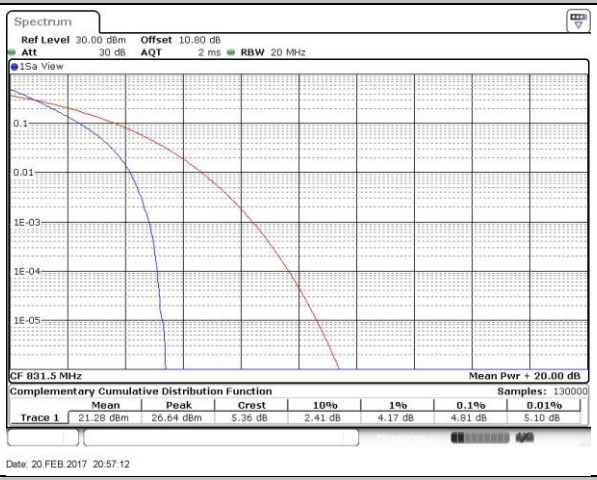
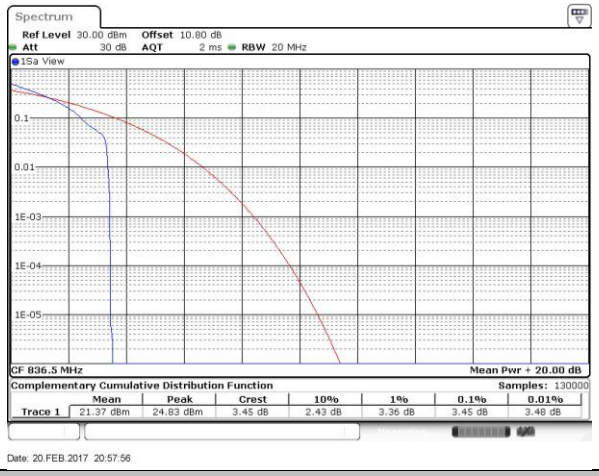
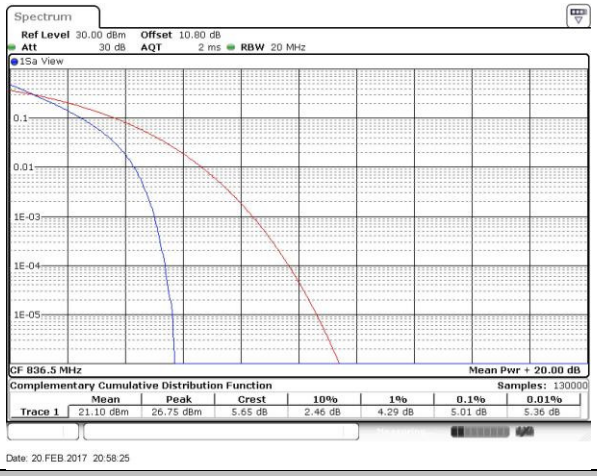
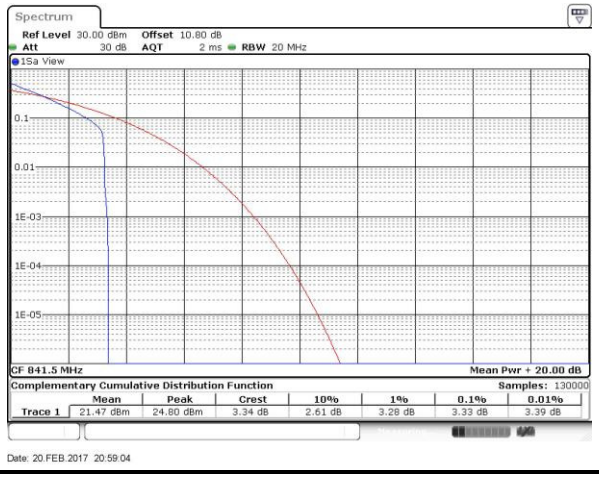
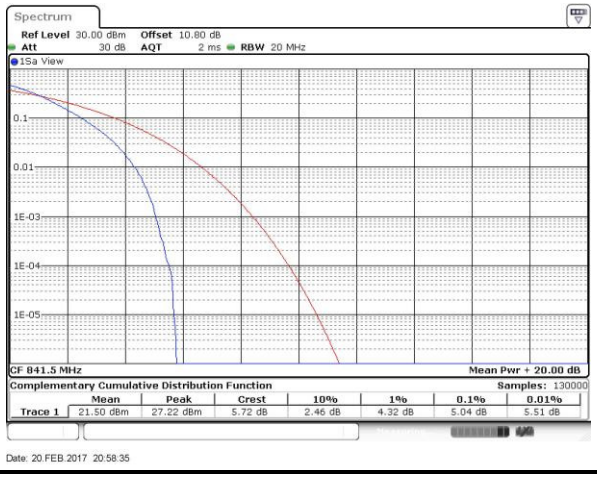
Note:

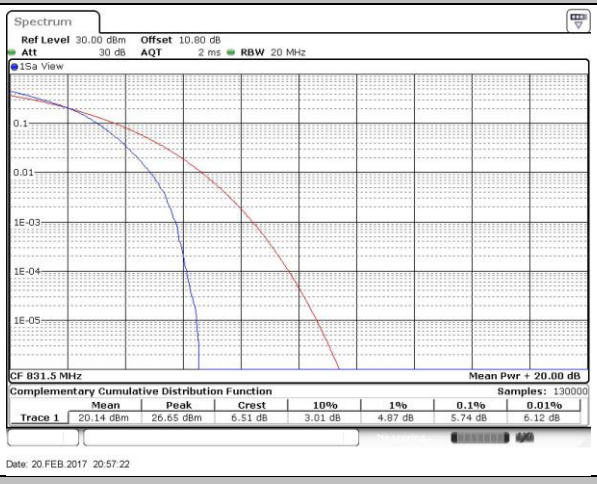
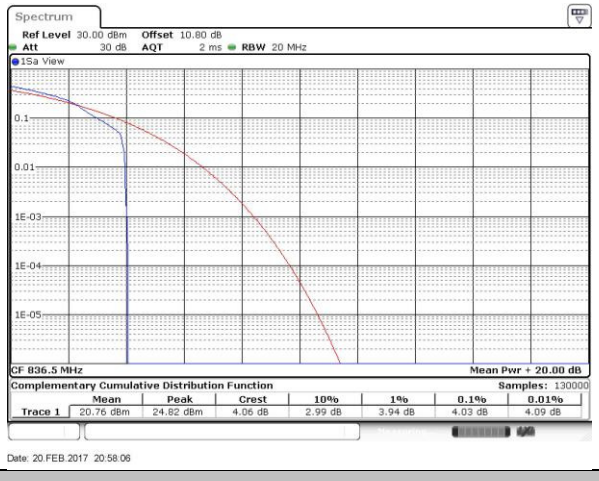
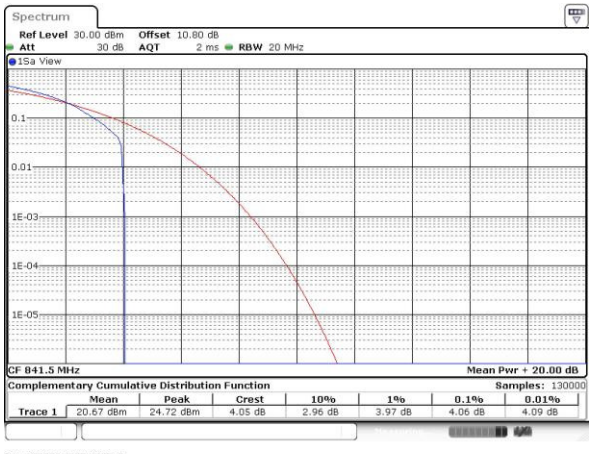
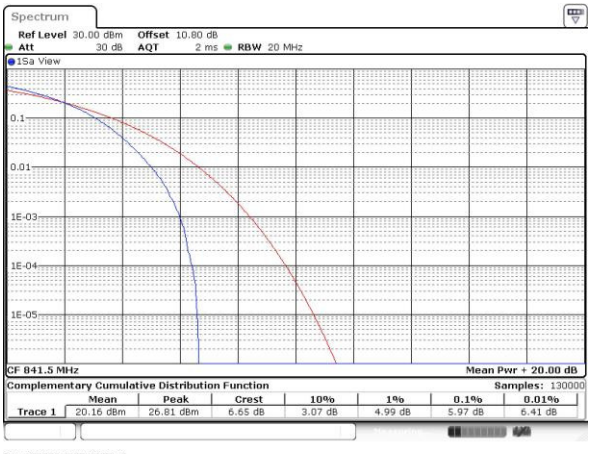
1. Normal Voltage =3.9 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 26_Part 22H

Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.81	4.06	5.74	PASS
Middle CH	3.45	5.01	4.03	5.77	
Highest CH	3.33	5.04	4.06	5.97	

LTE Band 26 / 15MHz / QPSK	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

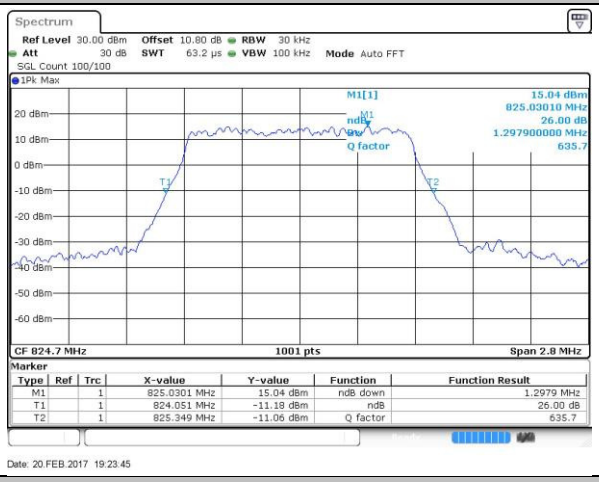
LTE Band 26 / 15MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

26dB Bandwidth

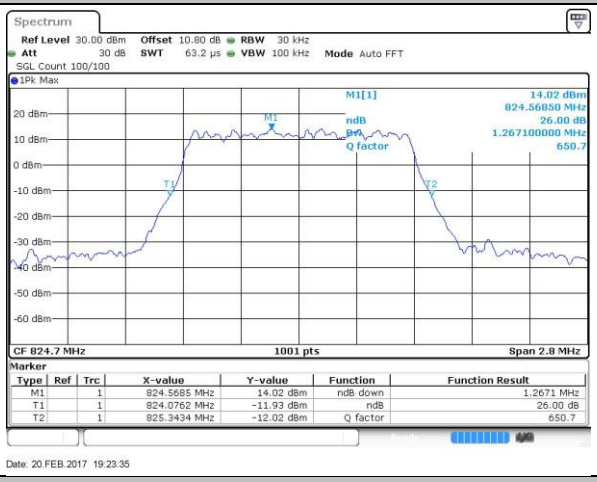
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.30	1.27	3.01	3.03	4.89	4.93	9.69	9.91	14.33	14.48	-	-
Middle CH	1.27	1.30	3.03	3.04	4.94	4.91	9.67	9.87	14.39	14.39	-	-
Highest CH	1.29	1.27	3.02	3.00	5.00	4.86	9.75	9.81	14.30	14.36	-	-

LTE Band 26

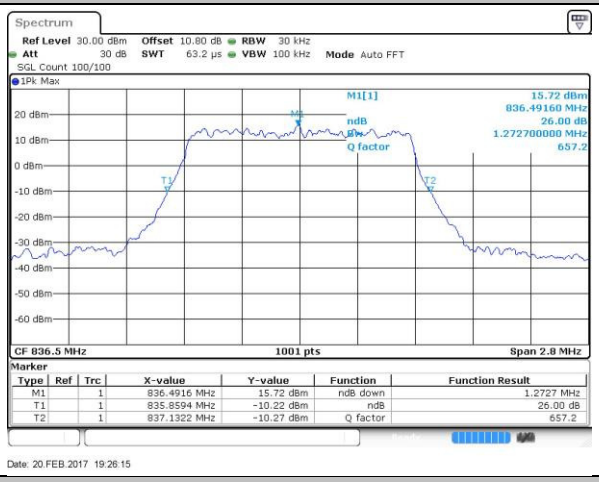
Lowest Channel / 1.4MHz / QPSK



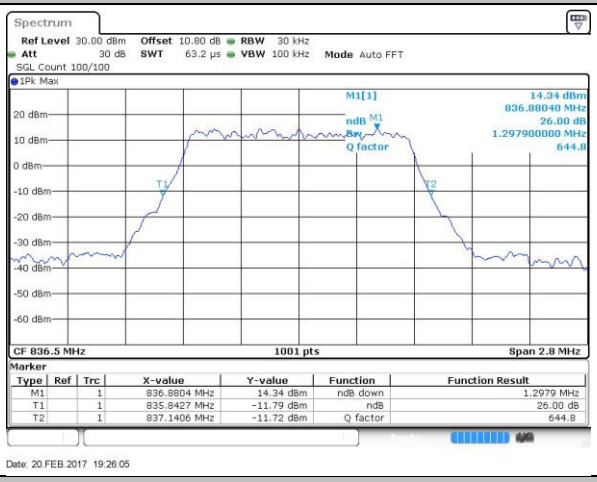
Lowest Channel / 1.4MHz / 16QAM



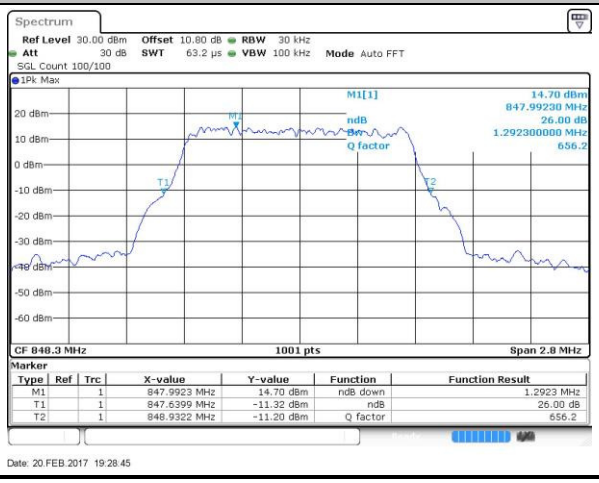
Middle Channel / 1.4MHz / QPSK



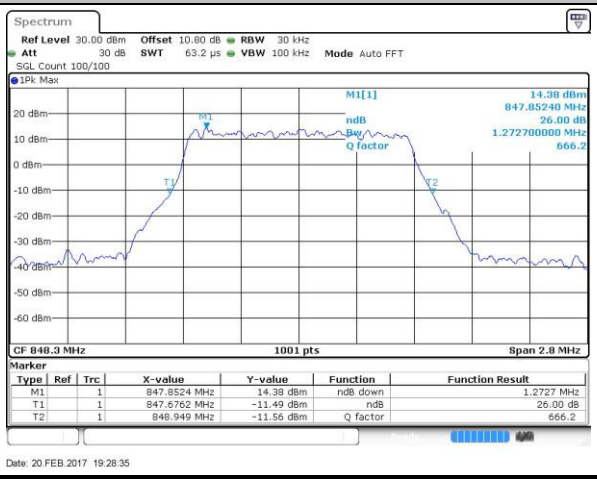
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

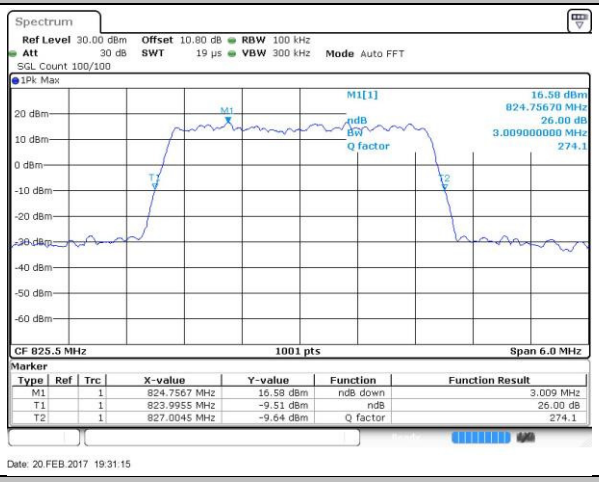


Highest Channel / 1.4MHz / 16QAM

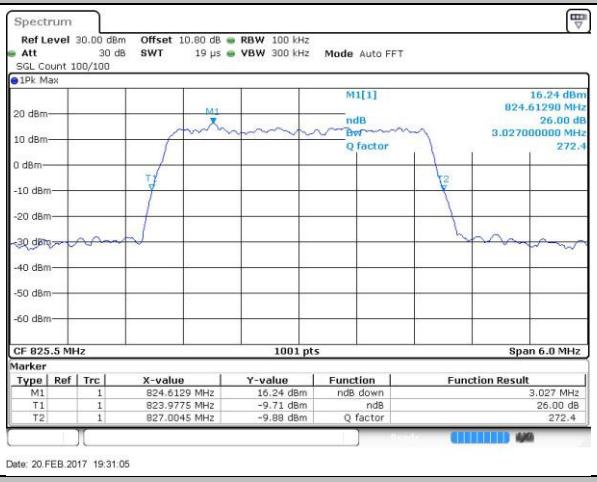


LTE Band 26

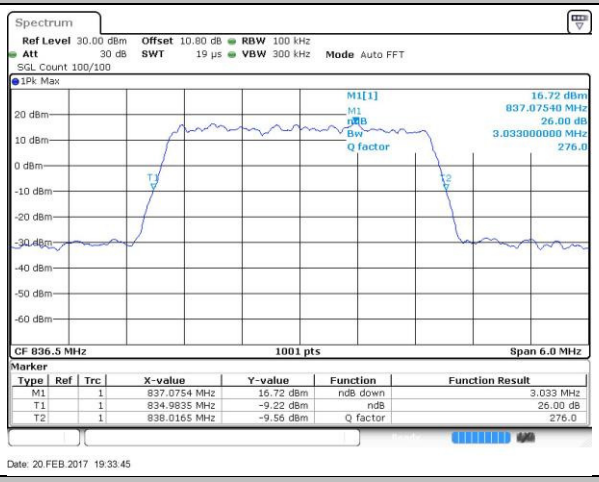
Lowest Channel / 3MHz / QPSK



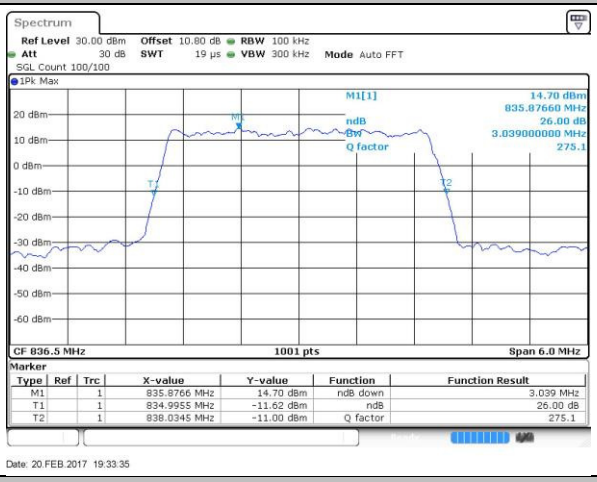
Lowest Channel / 3MHz / 16QAM



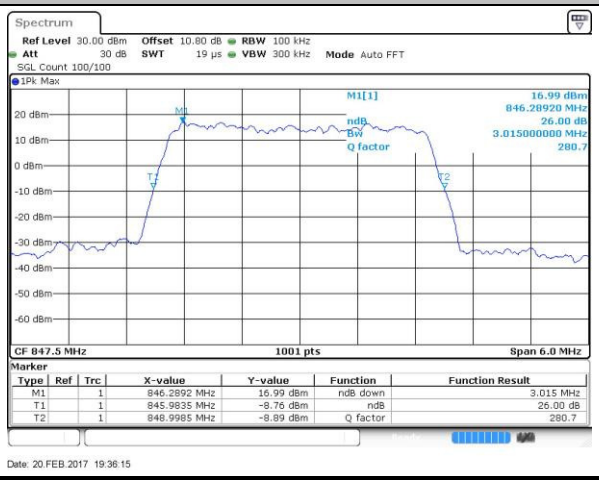
Middle Channel / 3MHz / QPSK



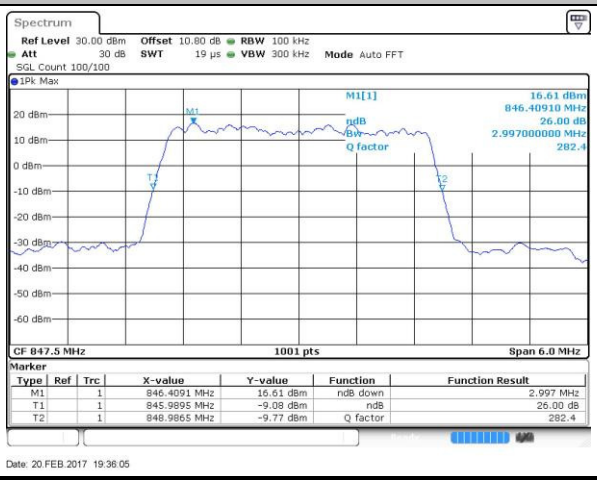
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

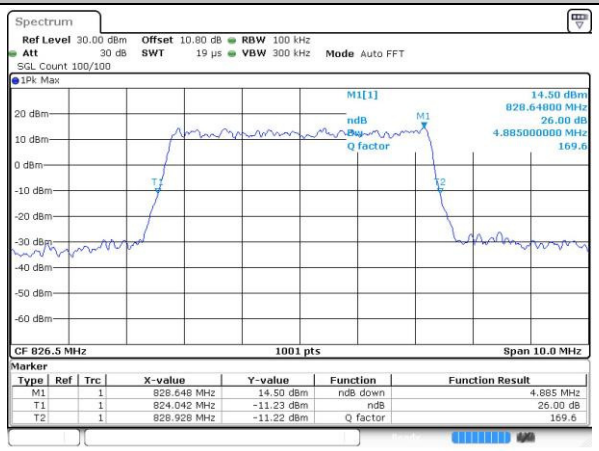


Highest Channel /3MHz / 16QAM

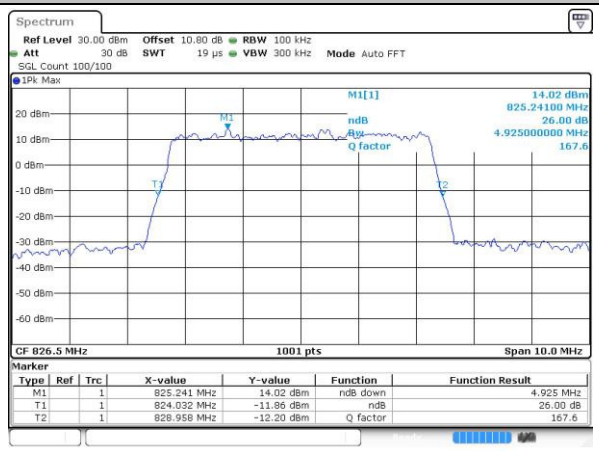


LTE Band 26

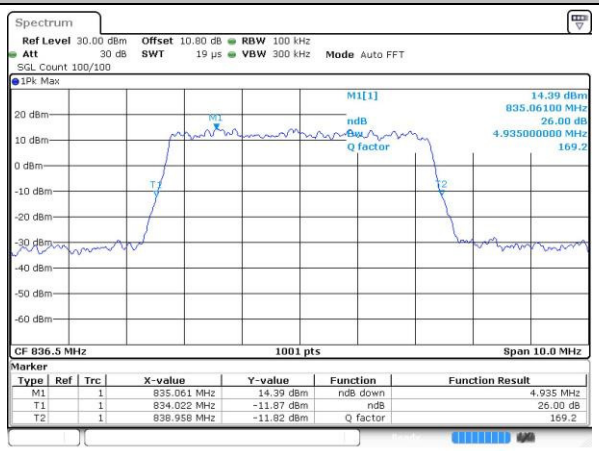
Lowest Channel / 5MHz / QPSK



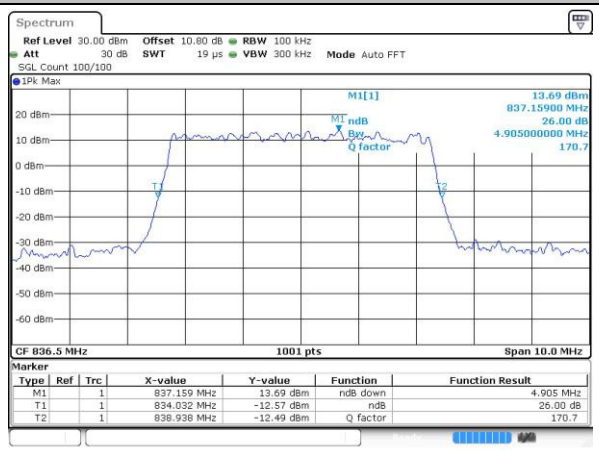
Lowest Channel / 5MHz / 16QAM



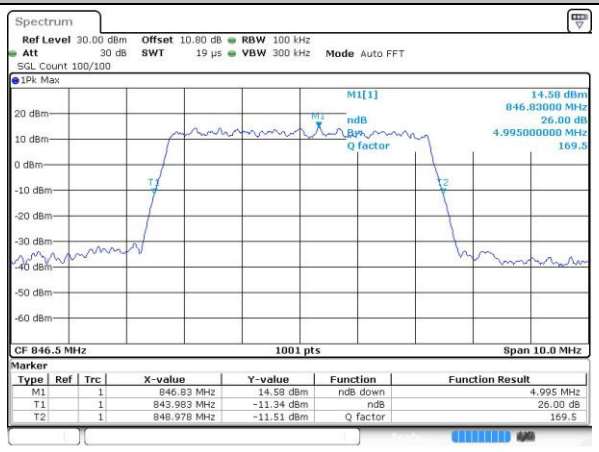
Middle Channel / 5MHz / QPSK



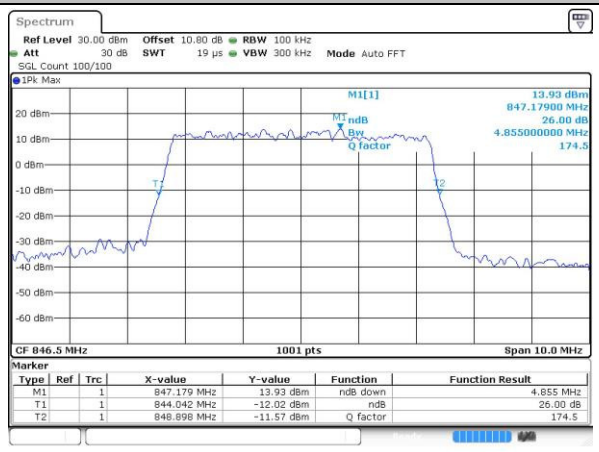
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

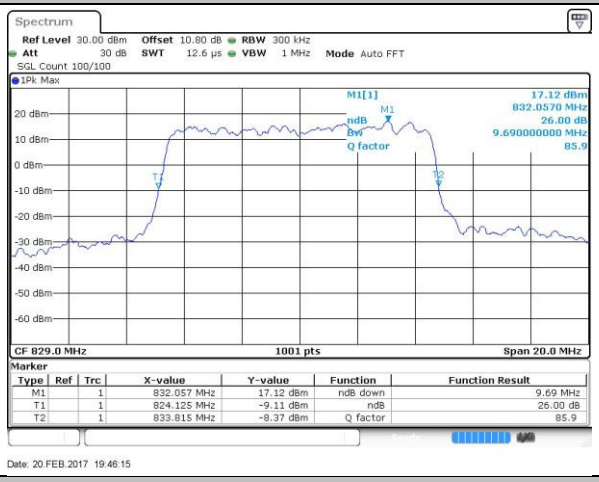


Highest Channel / 5MHz / 16QAM

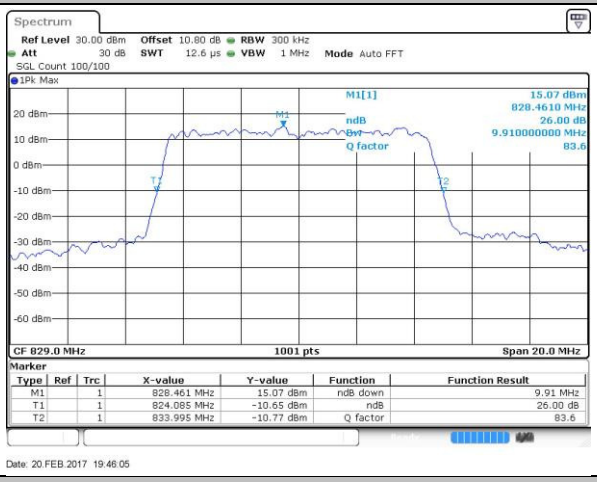


LTE Band 26

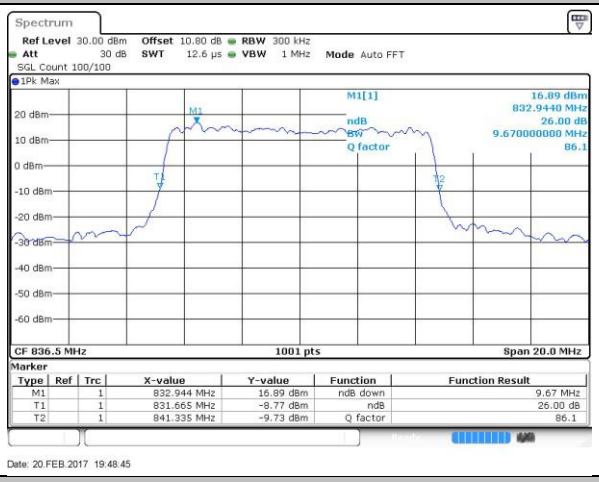
Lowest Channel / 10MHz / QPSK



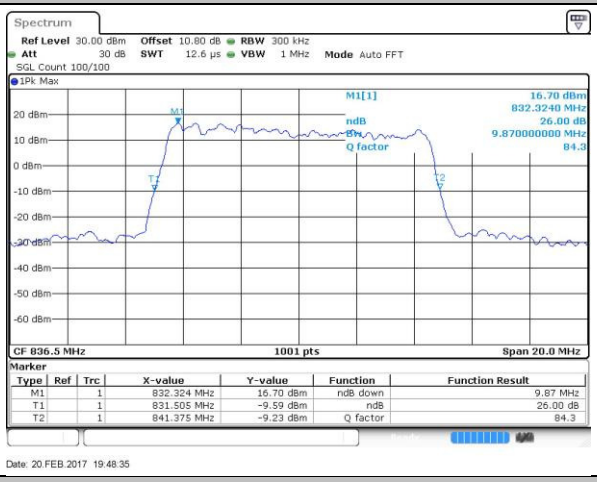
Lowest Channel / 10MHz / 16QAM



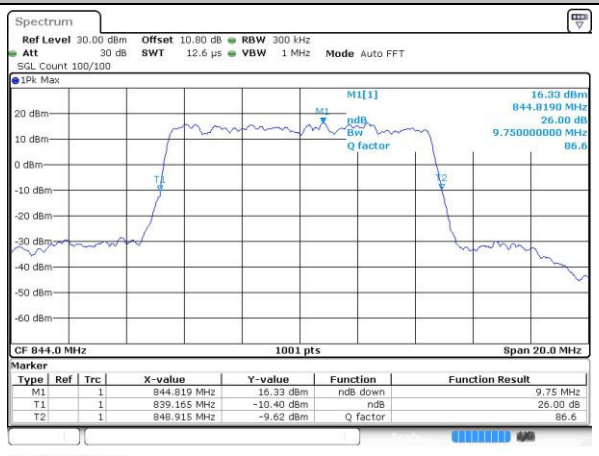
Middle Channel / 10MHz / QPSK



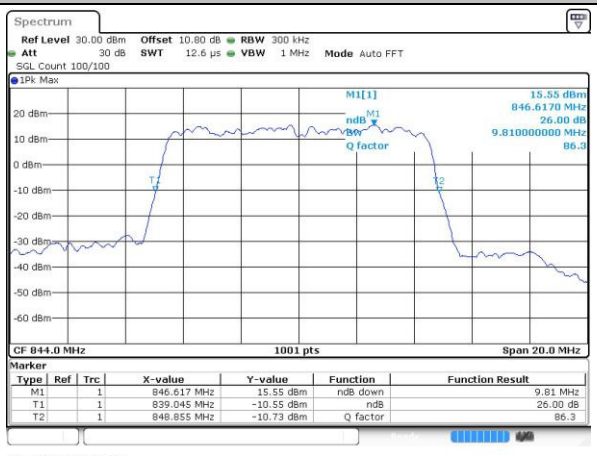
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

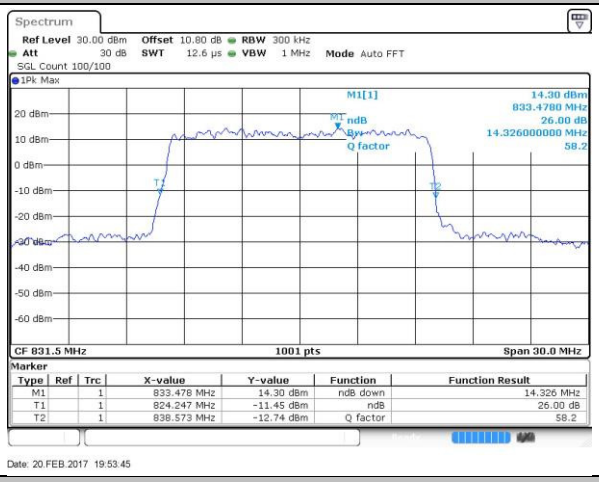


Highest Channel / 10MHz / 16QAM

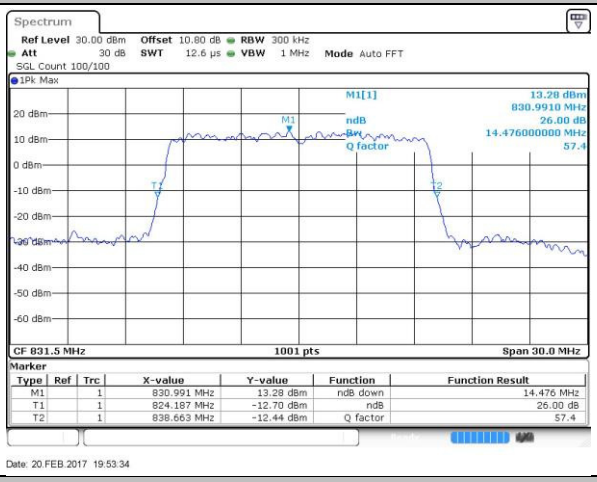


LTE Band 26

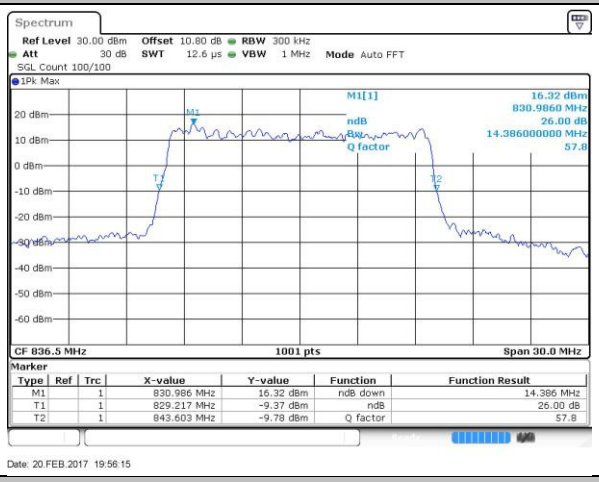
Lowest Channel / 15MHz / QPSK



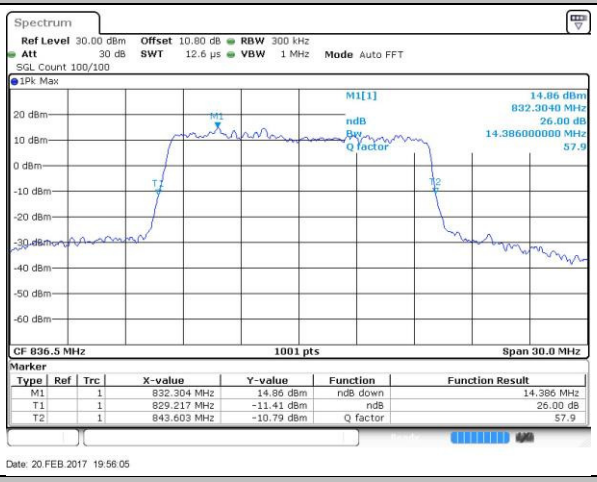
Lowest Channel / 15MHz / 16QAM



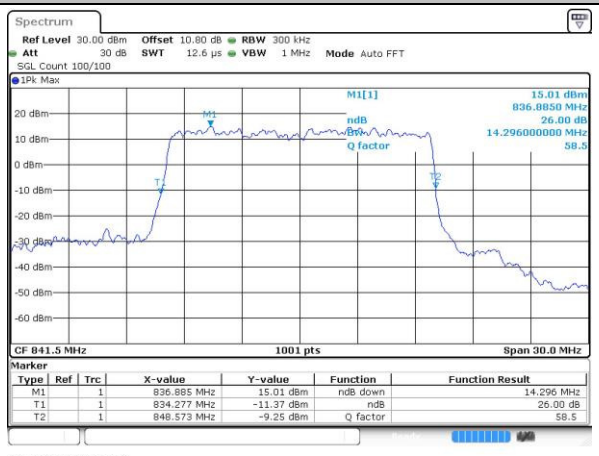
Middle Channel / 15MHz / QPSK



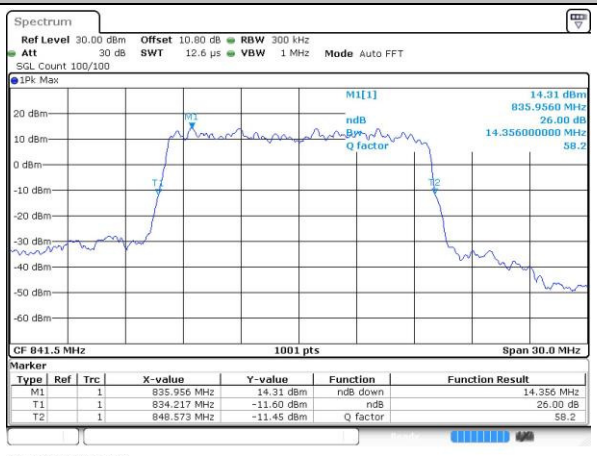
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM

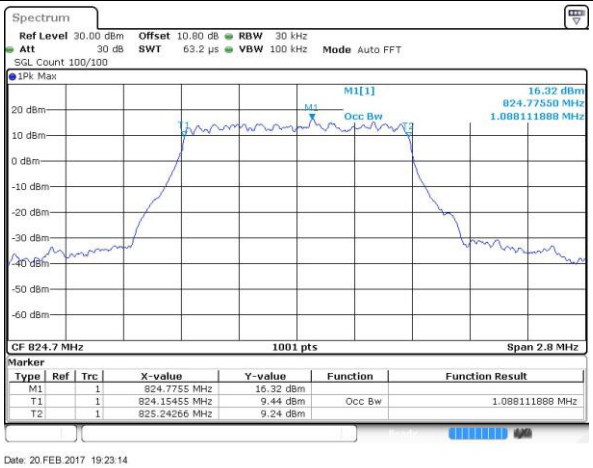


Occupied Bandwidth

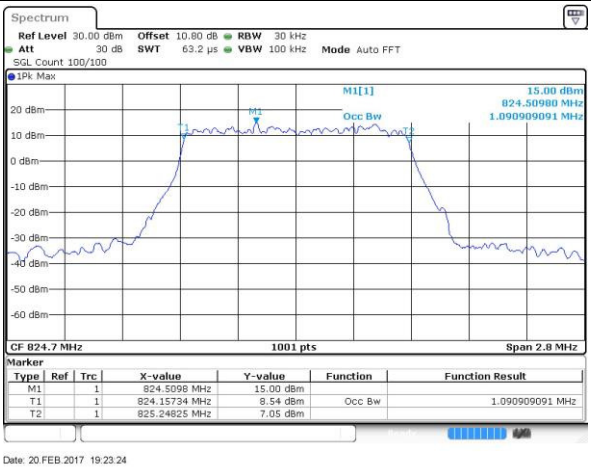
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.48	4.5	9.03	9.01	13.43	13.46	-	-
Middle CH	1.1	1.1	2.72	2.74	4.49	4.5	9.03	9.03	13.46	13.49	-	-
Highest CH	1.09	1.1	2.73	2.73	4.49	4.47	8.99	8.99	13.37	13.43	-	-

LTE Band 26

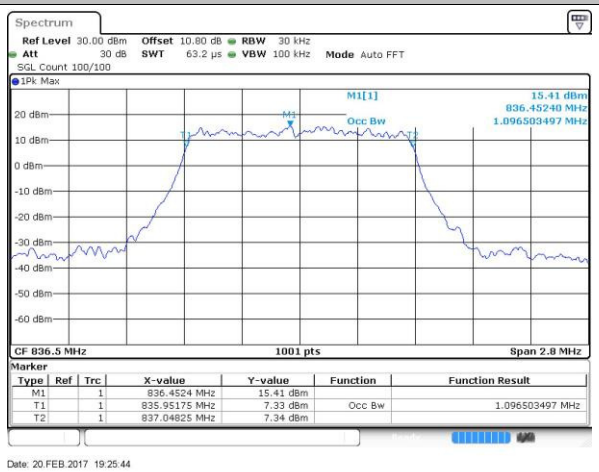
Lowest Channel / 1.4MHz / QPSK



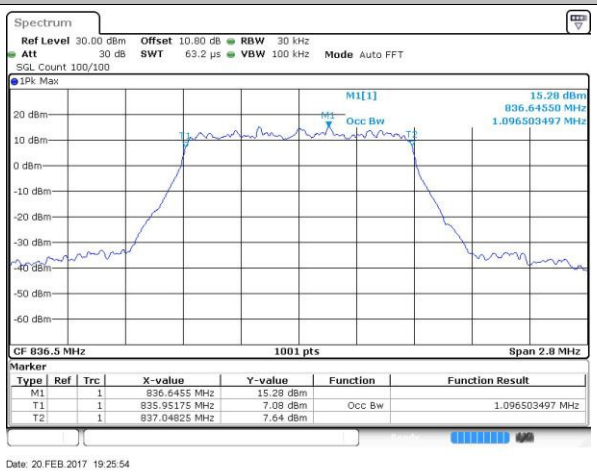
Lowest Channel / 1.4MHz / 16QAM



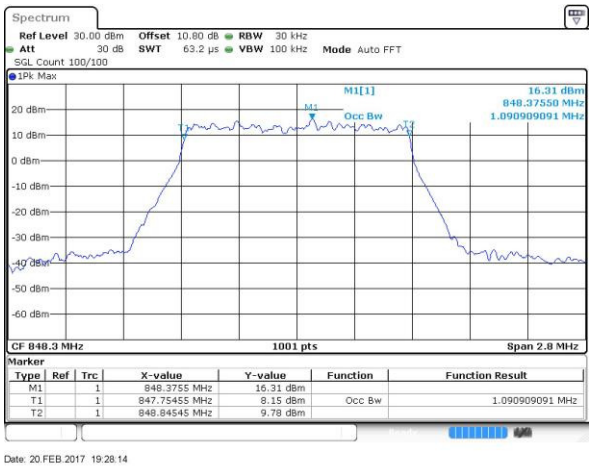
Middle Channel / 1.4MHz / QPSK



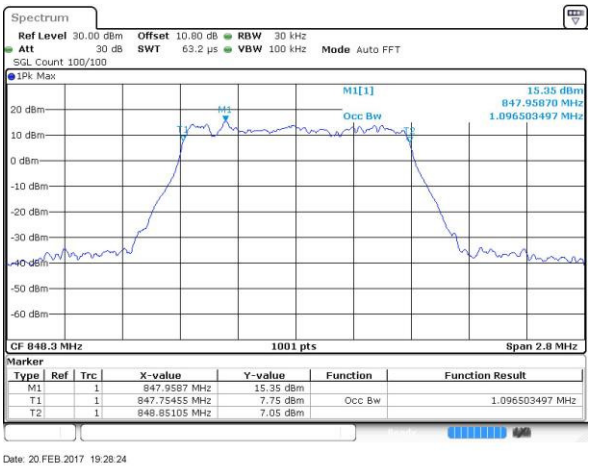
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

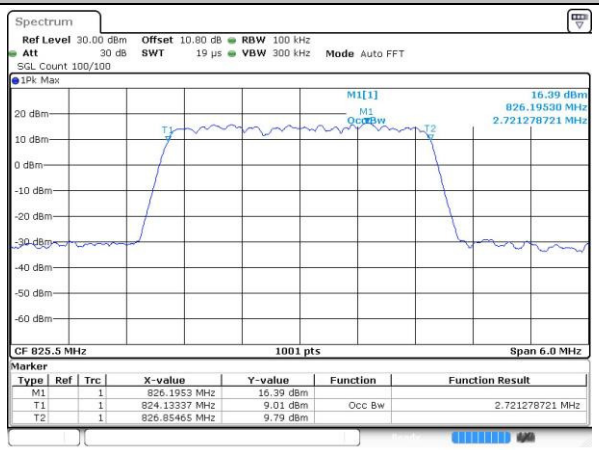


Highest Channel / 1.4MHz / 16QAM

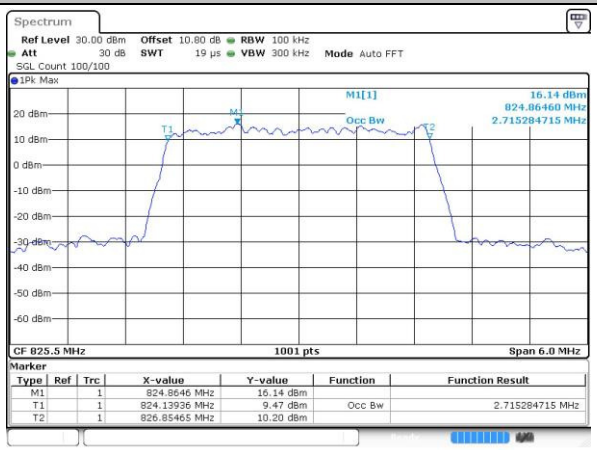


LTE Band 26

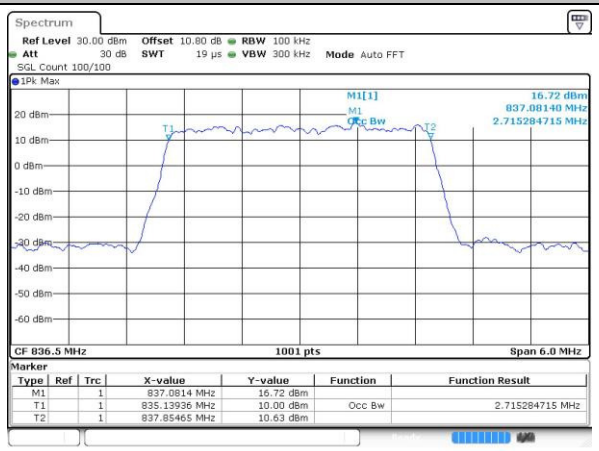
Lowest Channel / 3MHz / QPSK



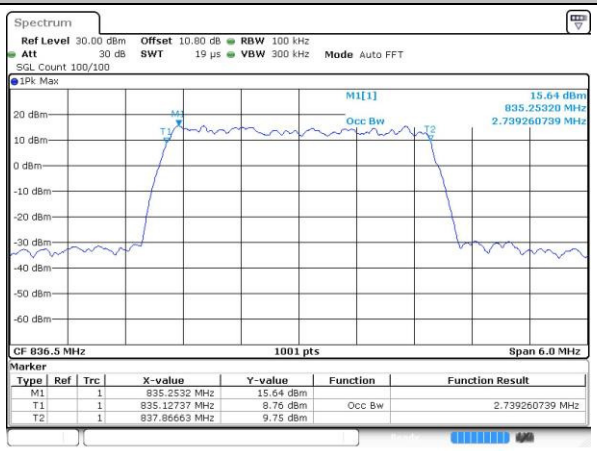
Lowest Channel / 3MHz / 16QAM



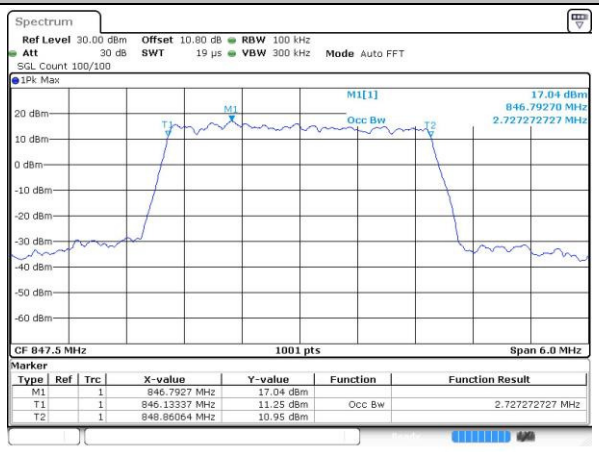
Middle Channel / 3MHz / QPSK



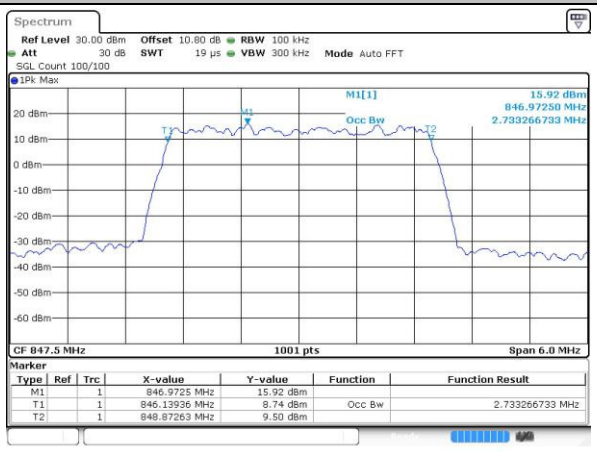
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

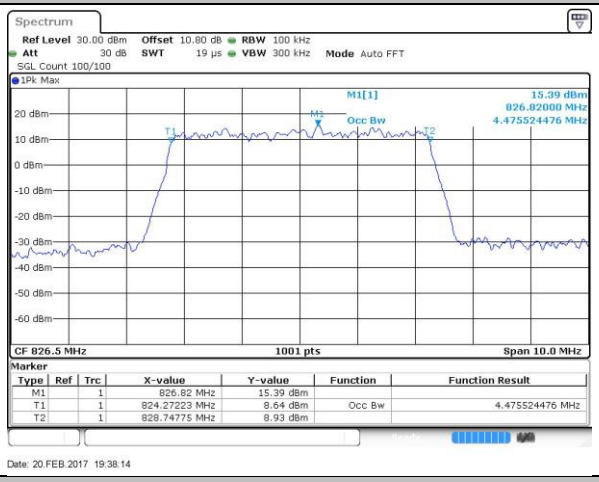


Highest Channel / 3MHz / 16QAM

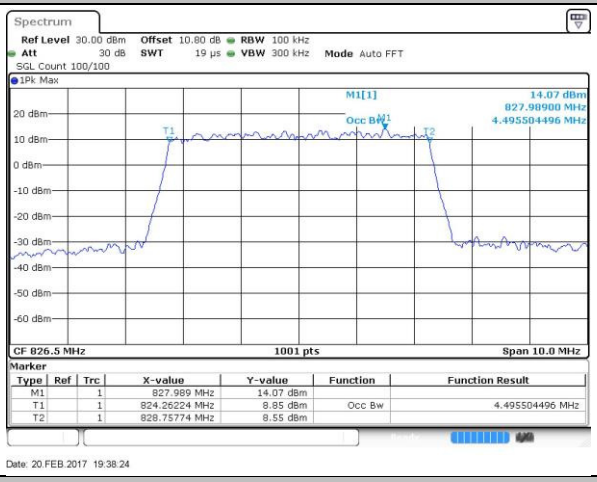


LTE Band 26

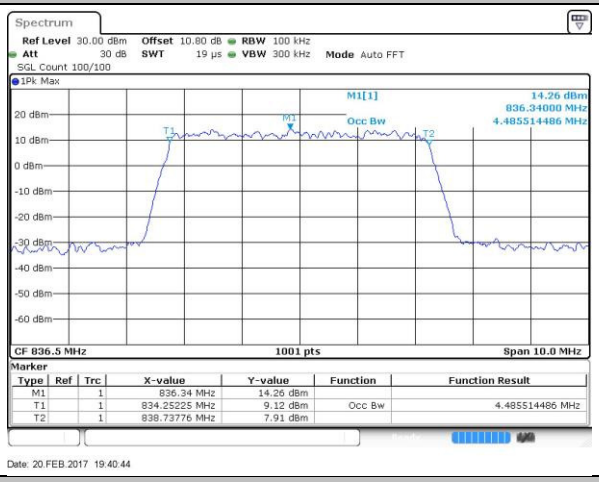
Lowest Channel / 5MHz / QPSK



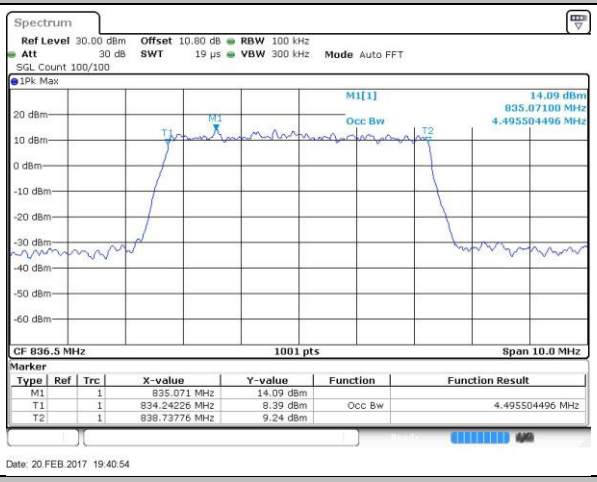
Lowest Channel / 5MHz / 16QAM



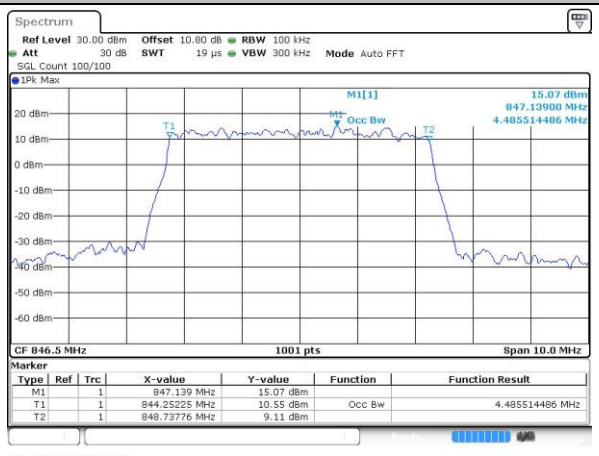
Middle Channel / 5MHz / QPSK



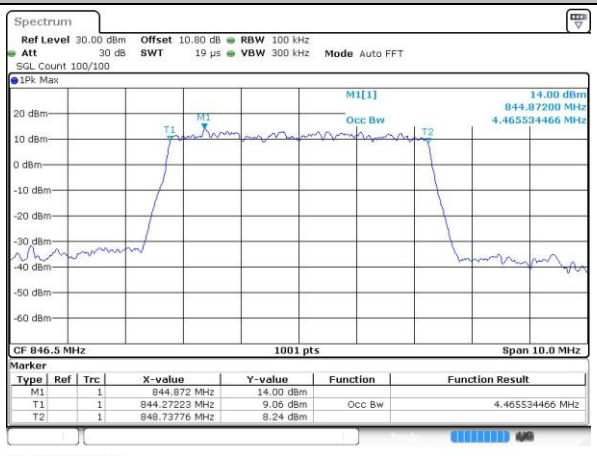
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

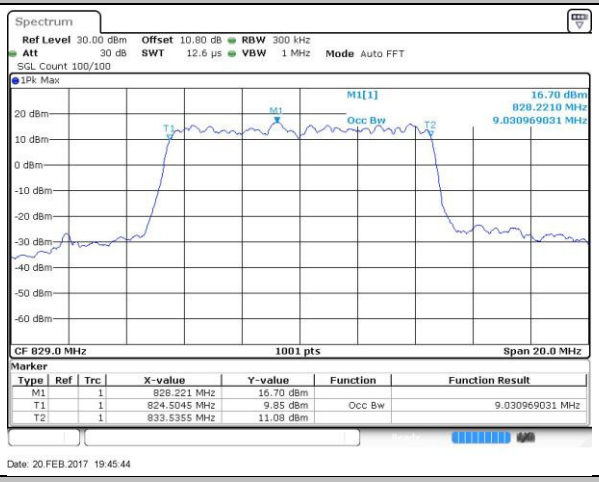


Highest Channel / 5MHz / 16QAM

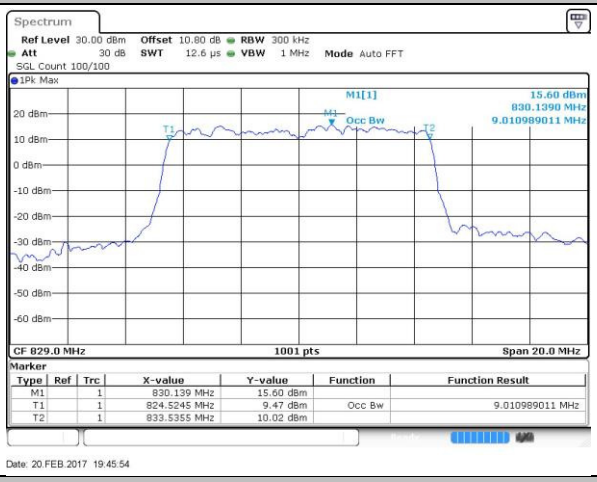


LTE Band 26

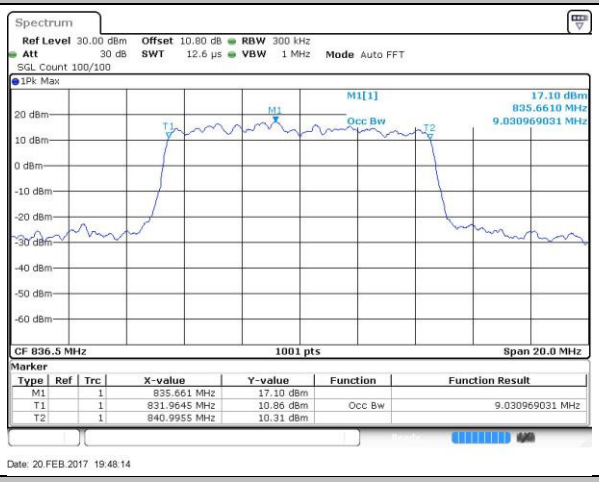
Lowest Channel / 10MHz / QPSK



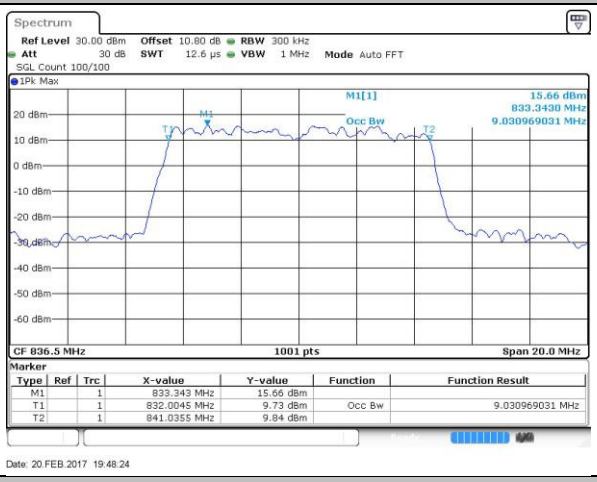
Lowest Channel / 10MHz / 16QAM



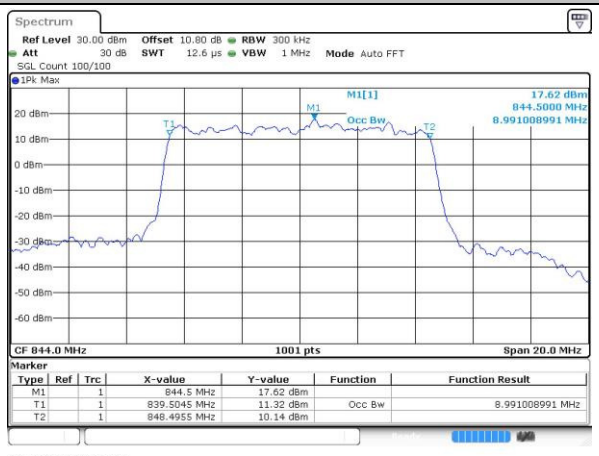
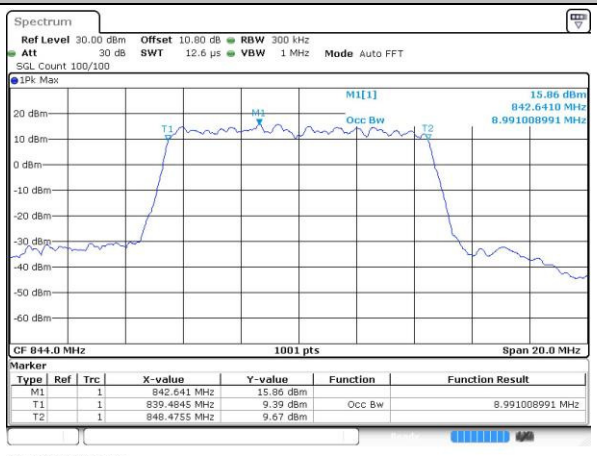
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM