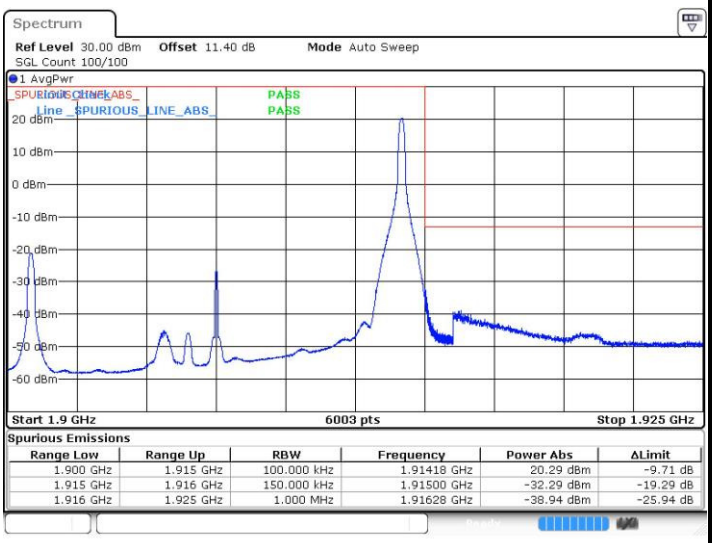
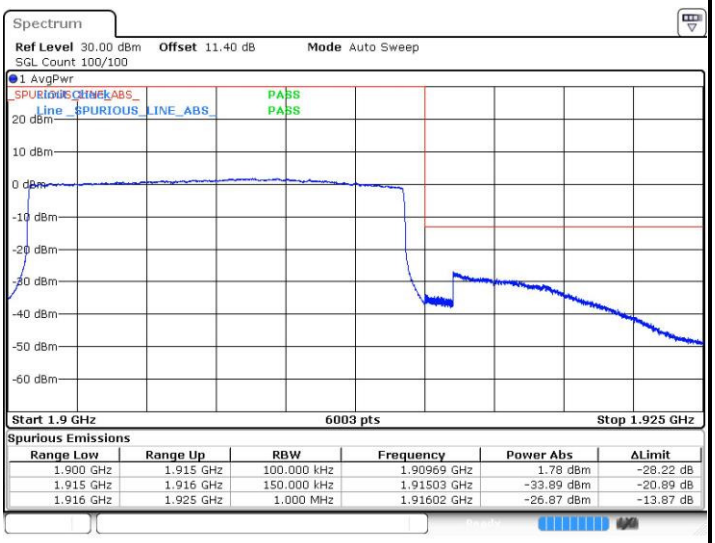
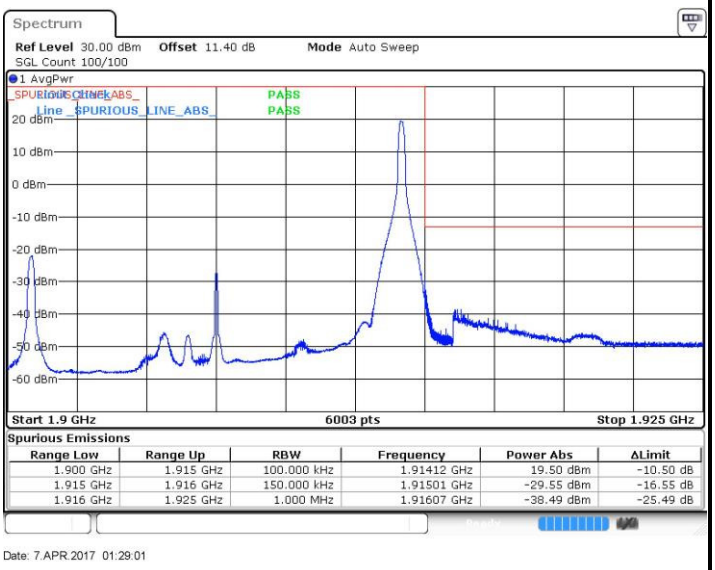
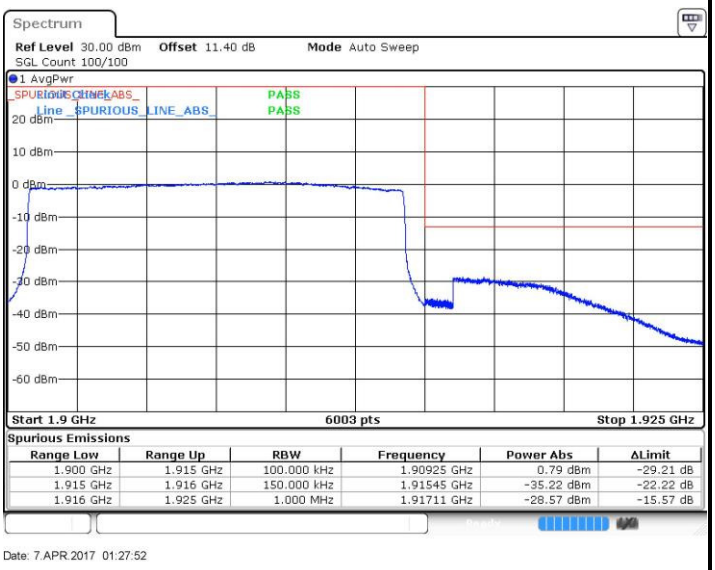
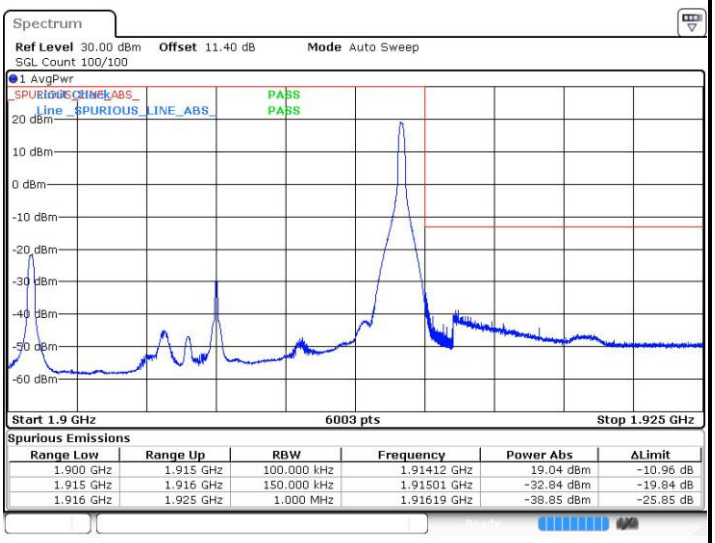
LTE Band 25 / 15MHz / QPSK	
	Highest Band Edge / 1 RB
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.900 GHz / 1.915 GHz / 100.000 kHz / 1.91418 GHz / 20.29 dBm / -9.71 dB 1.915 GHz / 1.916 GHz / 150.000 kHz / 1.91500 GHz / -32.29 dBm / -19.29 dB 1.916 GHz / 1.925 GHz / 1.000 MHz / 1.91628 GHz / -38.94 dBm / -25.94 dB Date: 7.APR.2017 01:30:10
	Highest Band Edge / Full RB
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.900 GHz / 1.915 GHz / 100.000 kHz / 1.90969 GHz / 1.78 dBm / -28.22 dB 1.915 GHz / 1.916 GHz / 150.000 kHz / 1.91503 GHz / -33.89 dBm / -20.89 dB 1.916 GHz / 1.925 GHz / 1.000 MHz / 1.91602 GHz / -26.87 dBm / -13.87 dB Date: 7.APR.2017 01:26:42

LTE Band 25 / 15MHz / 16QAM	
	Highest Band Edge / 1 RB
	
	Highest Band Edge / Full RB
	

LTE Band 25 / 15MHz / 64QAM

Highest Band Edge / 1 RB

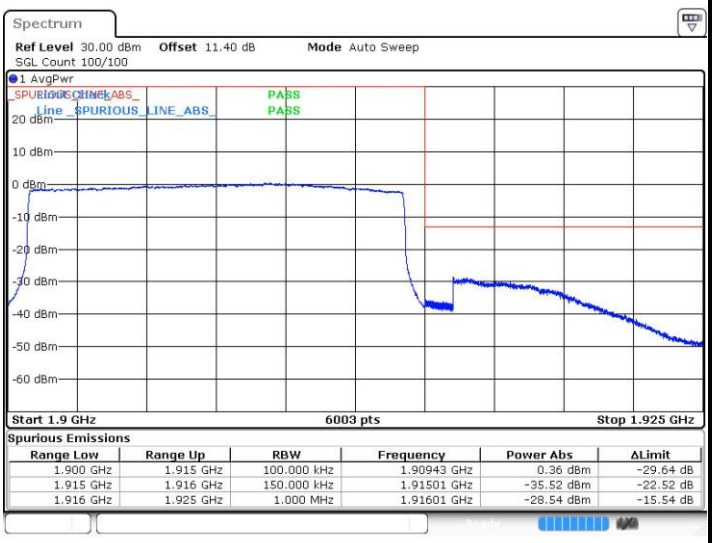


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.915 GHz	100.000 kHz	1.91412 GHz	19.04 dBm	-10.96 dB
1.915 GHz	1.916 GHz	150.000 kHz	1.91501 GHz	-32.84 dBm	-19.84 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91619 GHz	-38.85 dBm	-25.85 dB

Date: 27.APR.2017 11:38:42

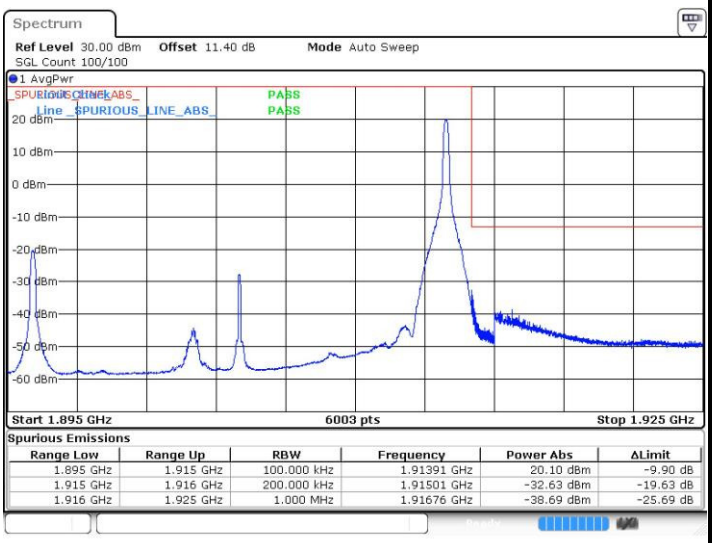
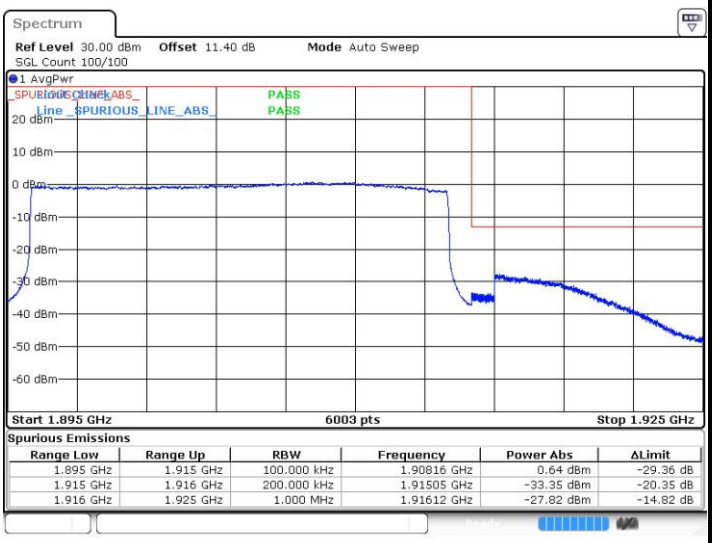
Highest Band Edge / Full RB

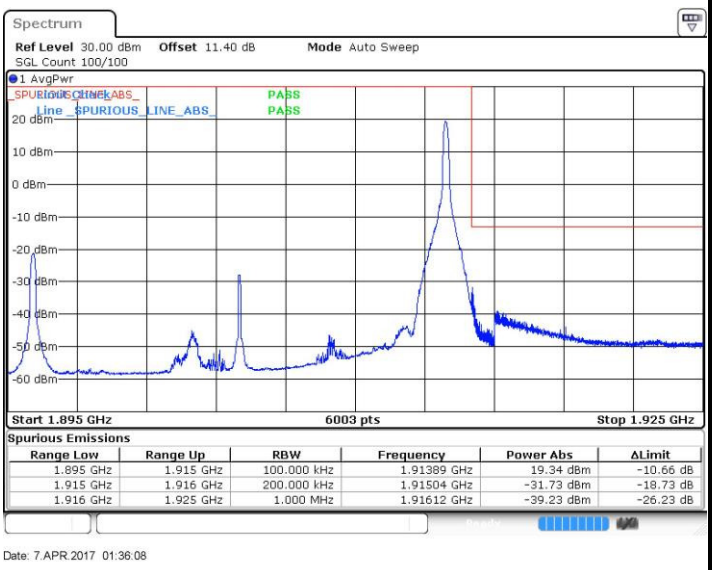
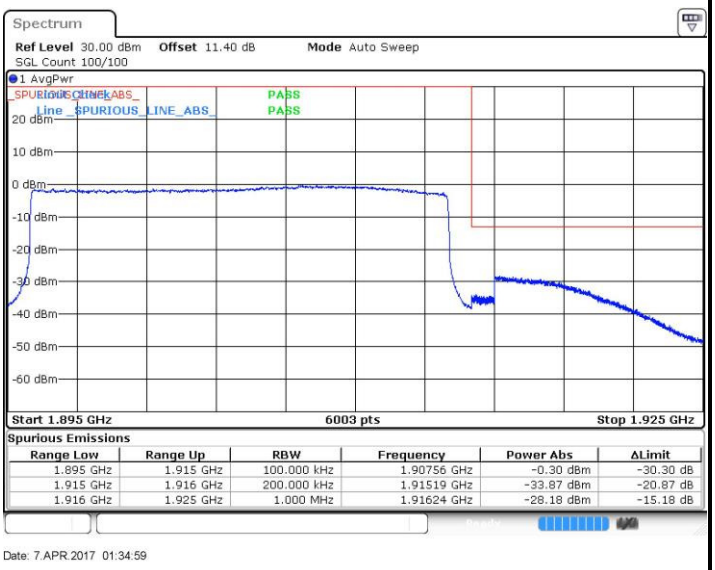


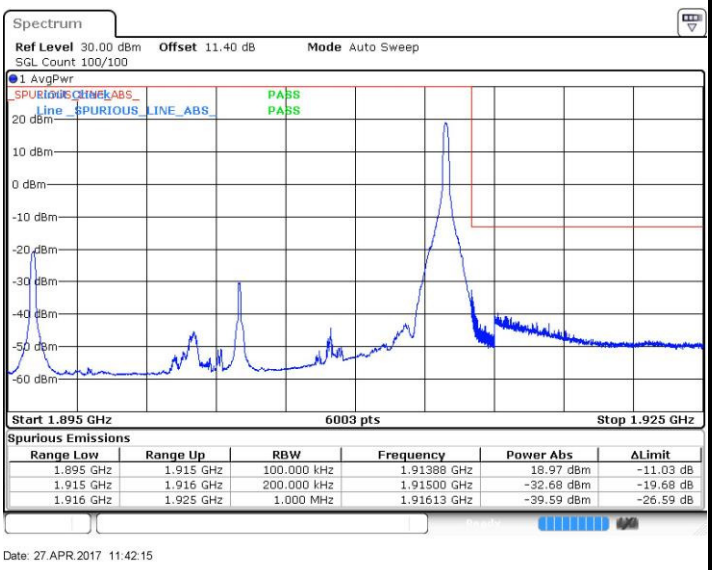
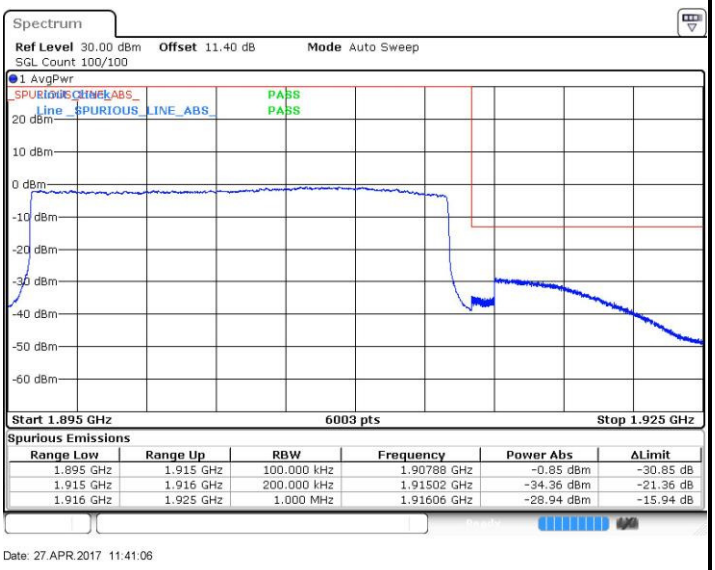
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.900 GHz	1.915 GHz	100.000 kHz	1.90943 GHz	0.36 dBm	-29.64 dB
1.915 GHz	1.916 GHz	150.000 kHz	1.91501 GHz	-35.52 dBm	-22.52 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91601 GHz	-28.54 dBm	-15.54 dB

Date: 27.APR.2017 11:37:33

LTE Band 25 / 20MHz / QPSK	
	Highest Band Edge / 1 RB
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.895 GHz / 1.915 GHz / 100.000 kHz / 1.91391 GHz / 20.10 dBm / -9.90 dB 1.915 GHz / 1.916 GHz / 200.000 kHz / 1.91501 GHz / -32.63 dBm / -19.63 dB 1.916 GHz / 1.925 GHz / 1.000 MHz / 1.91676 GHz / -38.69 dBm / -25.69 dB Date: 7.APR.2017 01:37:17
	Highest Band Edge / Full RB
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.895 GHz / 1.915 GHz / 100.000 kHz / 1.90816 GHz / 0.64 dBm / -29.36 dB 1.915 GHz / 1.916 GHz / 200.000 kHz / 1.91505 GHz / -33.35 dBm / -20.35 dB 1.916 GHz / 1.925 GHz / 1.000 MHz / 1.91612 GHz / -27.82 dBm / -14.82 dB Date: 7.APR.2017 01:33:49

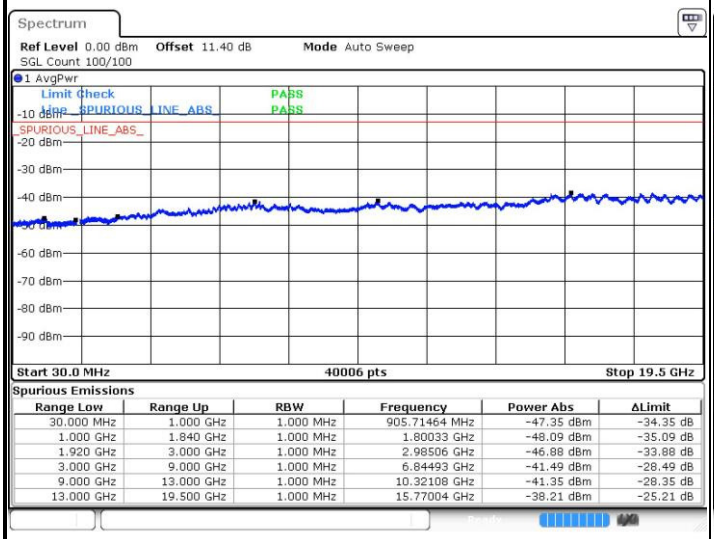
LTE Band 25 / 20MHz / 16QAM	
	Highest Band Edge / 1 RB
	
	Highest Band Edge / Full RB
	

LTE Band 25 / 20MHz / 64QAM	
	Highest Band Edge / 1 RB
	
	Highest Band Edge / Full RB
	

Conducted Spurious Emission

LTE Band 25 / 1.4MHz

Highest Channel / QPSK

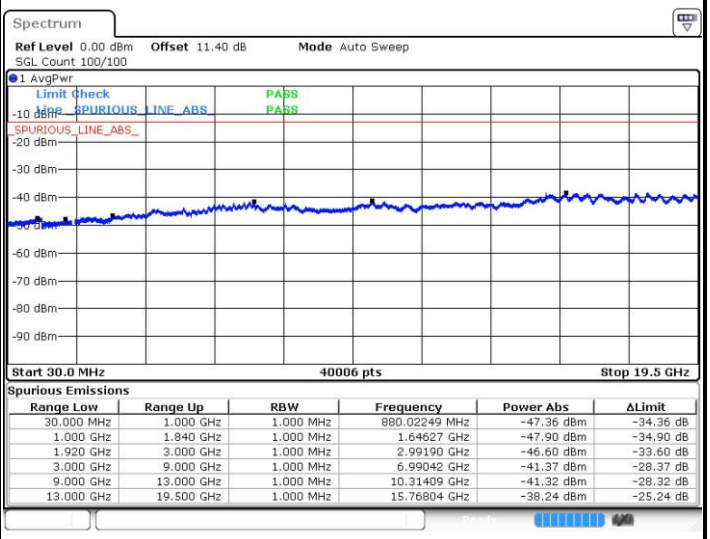


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.71464 MHz	-47.35 dBm	-34.35 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80033 GHz	-48.09 dBm	-35.09 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98506 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84493 GHz	-41.49 dBm	-28.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32108 GHz	-41.35 dBm	-28.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77004 GHz	-38.21 dBm	-25.21 dB

Date: 7.APR.2017 01:46:47

Highest Channel / 16QAM



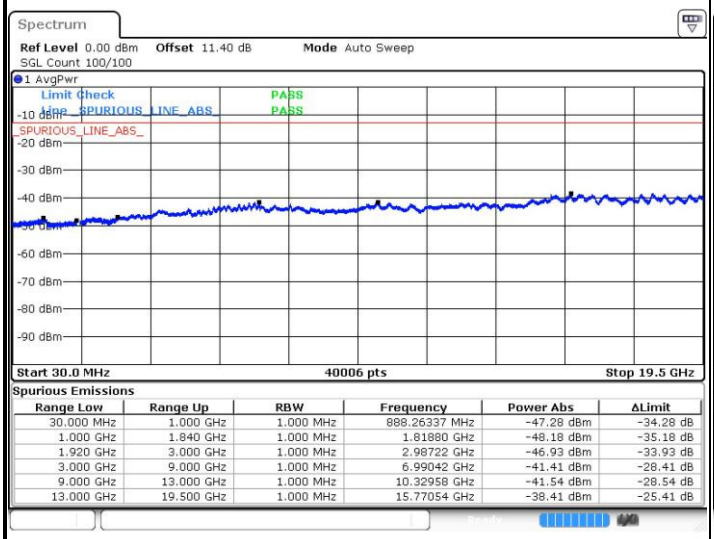
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.02249 MHz	-47.36 dBm	-34.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.64627 GHz	-47.90 dBm	-34.90 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99190 GHz	-46.60 dBm	-33.60 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.37 dBm	-28.37 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31409 GHz	-41.32 dBm	-28.32 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76804 GHz	-38.24 dBm	-25.24 dB

Date: 7.APR.2017 01:47:42

LTE Band 25 / 3MHz

Highest Channel / QPSK

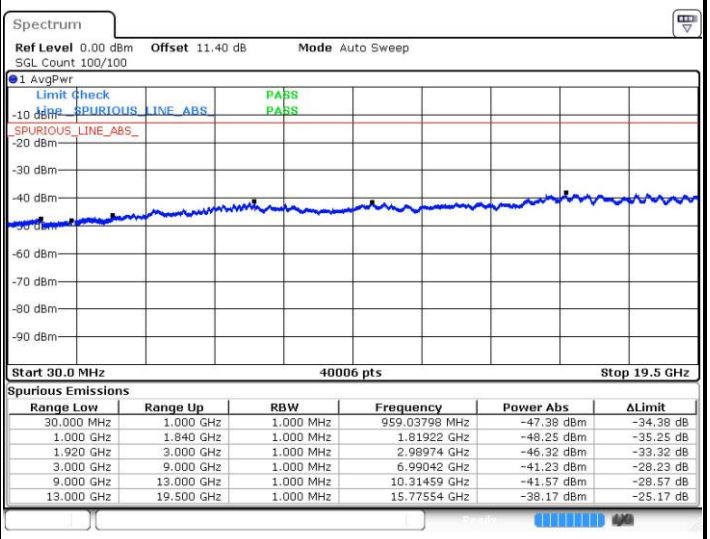


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.26337 MHz	-47.28 dBm	-34.28 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81880 GHz	-48.18 dBm	-35.18 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98722 GHz	-46.93 dBm	-33.93 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.41 dBm	-28.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32958 GHz	-41.54 dBm	-28.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77054 GHz	-38.41 dBm	-25.41 dB

Date: 7.APR.2017 01:09:43

Highest Channel / 16QAM



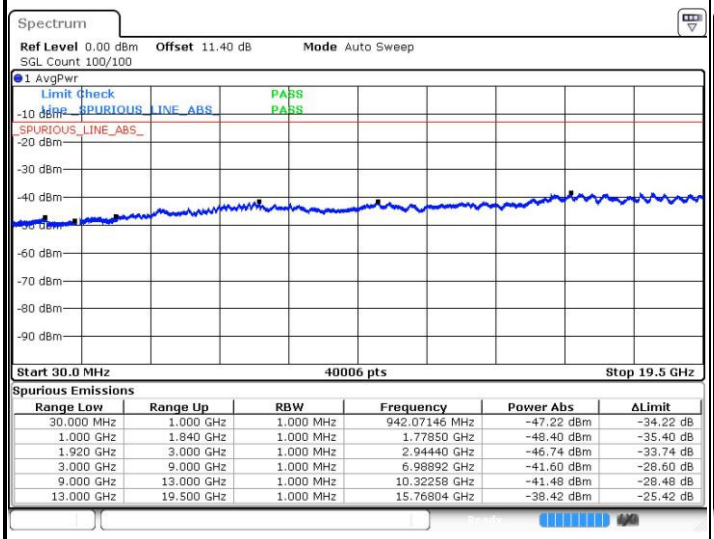
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-47.38 dBm	-34.38 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81922 GHz	-48.25 dBm	-35.25 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98974 GHz	-46.32 dBm	-33.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.23 dBm	-28.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31459 GHz	-41.57 dBm	-28.57 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77554 GHz	-38.17 dBm	-25.17 dB

Date: 7.APR.2017 01:10:38

LTE Band 25 / 5MHz

Highest Channel / QPSK

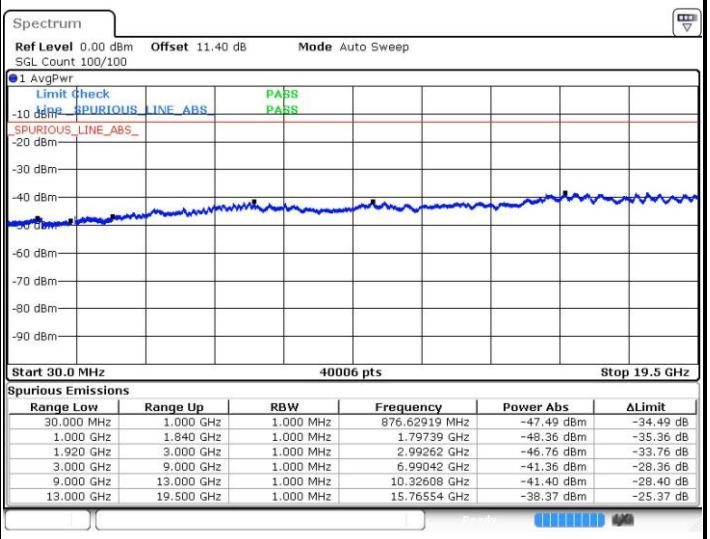


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-47.22 dBm	-34.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.77850 GHz	-48.40 dBm	-35.40 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94440 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98892 GHz	-41.60 dBm	-28.60 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32258 GHz	-41.48 dBm	-28.48 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76804 GHz	-38.42 dBm	-25.42 dB

Date: 7.APR.2017 01:16:50

Highest Channel / 16QAM



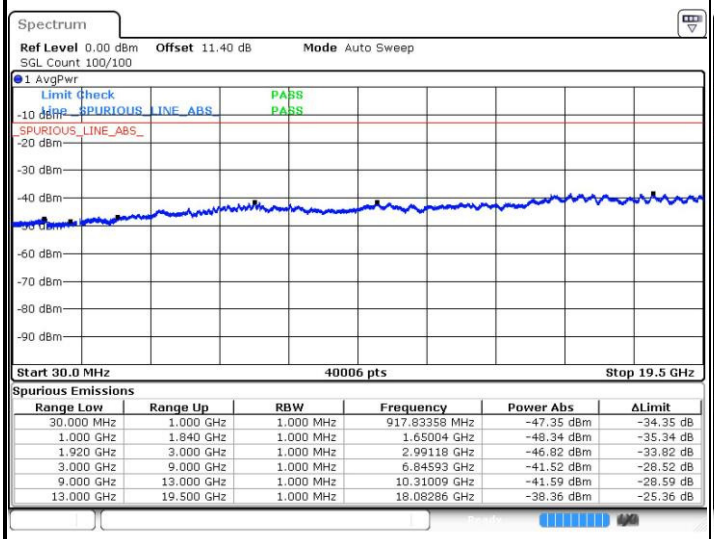
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	876.62919 MHz	-47.49 dBm	-34.49 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79739 GHz	-48.36 dBm	-35.36 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99262 GHz	-46.76 dBm	-33.76 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.36 dBm	-28.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32608 GHz	-41.40 dBm	-28.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76554 GHz	-38.37 dBm	-25.37 dB

Date: 7.APR.2017 01:17:45

LTE Band 25 / 10MHz

Highest Channel / QPSK

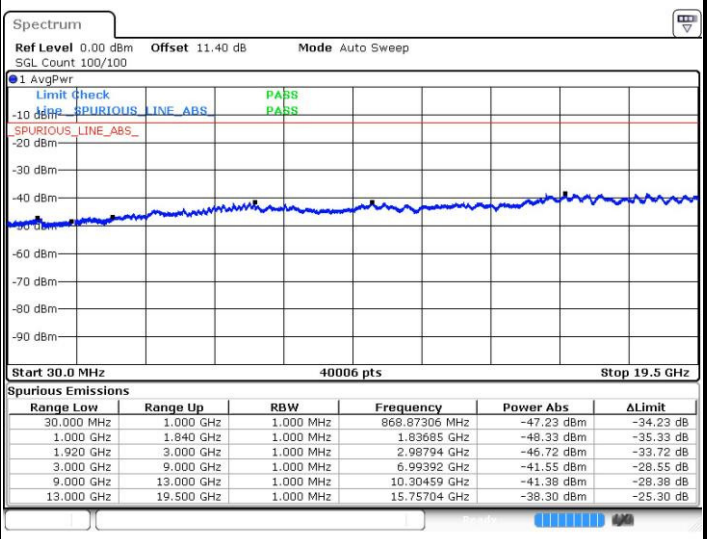


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.83358 MHz	-47.35 dBm	-34.35 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65004 GHz	-48.34 dBm	-35.34 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99118 GHz	-46.82 dBm	-33.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84593 GHz	-41.52 dBm	-28.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31009 GHz	-41.59 dBm	-28.59 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.08286 GHz	-38.36 dBm	-25.36 dB

Date: 7.APR.2017 01:23:58

Highest Channel / 16QAM



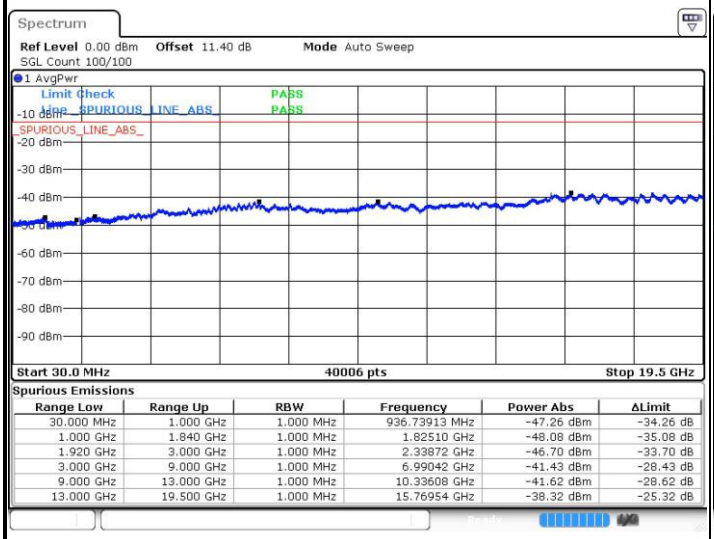
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	868.87306 MHz	-47.23 dBm	-34.23 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83685 GHz	-48.33 dBm	-35.33 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.98794 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99392 GHz	-41.55 dBm	-28.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30459 GHz	-41.38 dBm	-28.38 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.75704 GHz	-38.30 dBm	-25.30 dB

Date: 7.APR.2017 01:24:52

LTE Band 25 / 15MHz

Highest Channel / QPSK

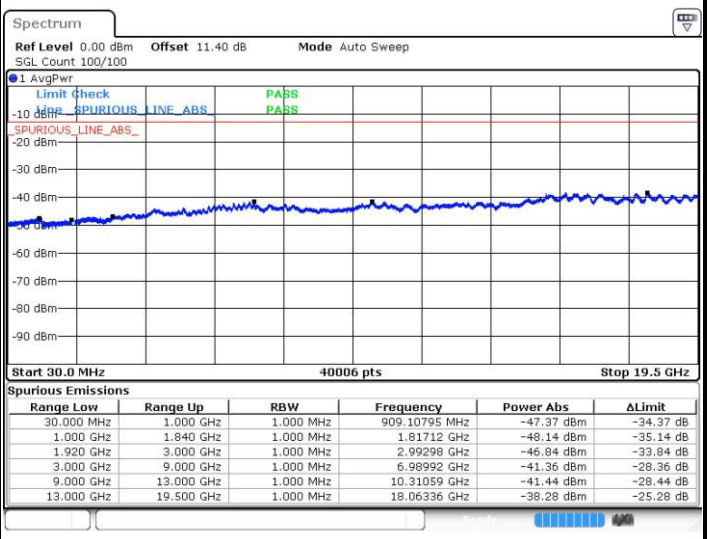


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-47.26 dBm	-34.26 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82510 GHz	-48.08 dBm	-35.08 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.33872 GHz	-46.70 dBm	-33.70 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.43 dBm	-28.43 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33608 GHz	-41.62 dBm	-28.62 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76954 GHz	-38.32 dBm	-25.32 dB

Date: 7.APR.2017 01:31:05

Highest Channel / 16QAM



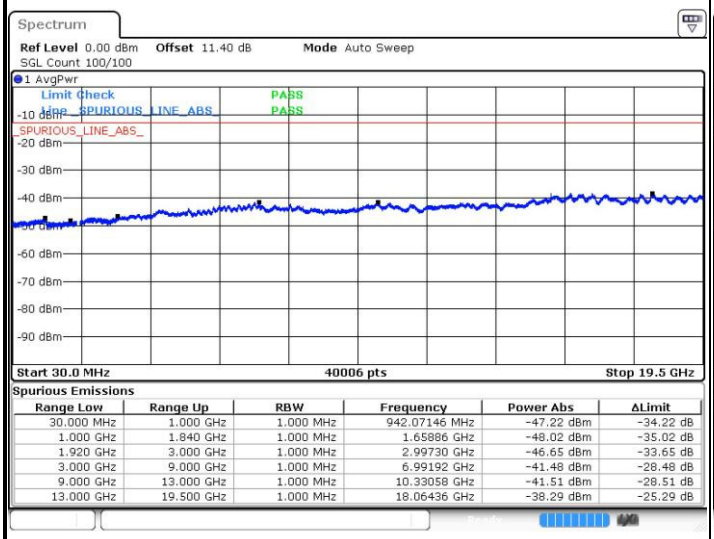
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	909.10795 MHz	-47.37 dBm	-34.37 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.81712 GHz	-48.14 dBm	-35.14 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99298 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.36 dBm	-28.36 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31059 GHz	-41.44 dBm	-28.44 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06336 GHz	-38.28 dBm	-25.28 dB

Date: 7.APR.2017 01:31:59

LTE Band 25 / 20MHz

Highest Channel / QPSK

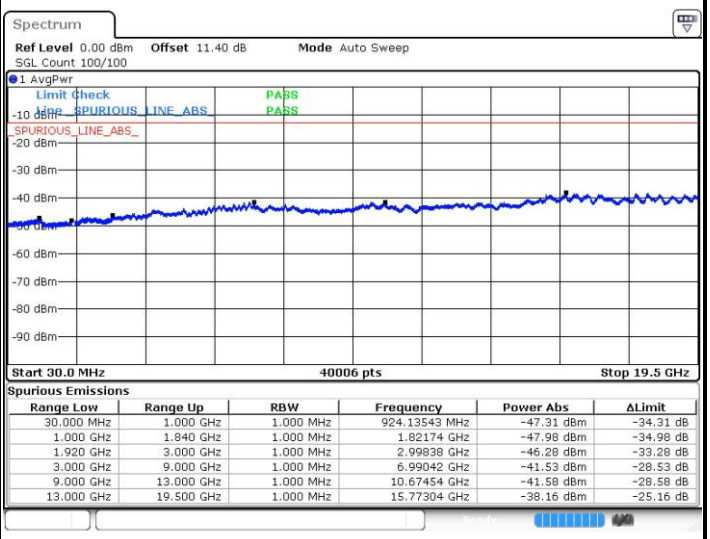


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-47.22 dBm	-34.22 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.65886 GHz	-48.02 dBm	-35.02 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99730 GHz	-46.65 dBm	-33.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.48 dBm	-28.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33058 GHz	-41.51 dBm	-28.51 dB
13.000 GHz	19.500 GHz	1.000 MHz	18.06436 GHz	-38.29 dBm	-25.29 dB

Date: 7.APR.2017 01:38:12

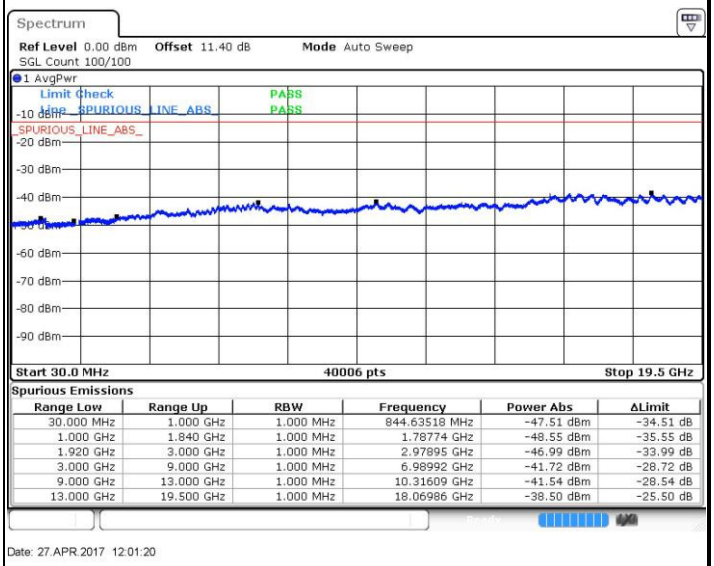
Highest Channel / 16QAM

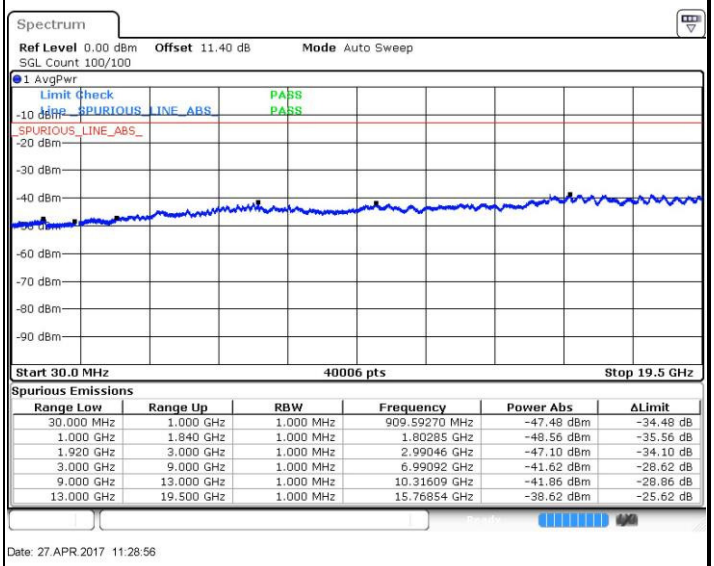


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.13543 MHz	-47.31 dBm	-34.31 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.82174 GHz	-47.98 dBm	-34.98 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99838 GHz	-46.28 dBm	-33.28 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-41.53 dBm	-28.53 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.67454 GHz	-41.58 dBm	-28.58 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.77304 GHz	-38.16 dBm	-25.16 dB

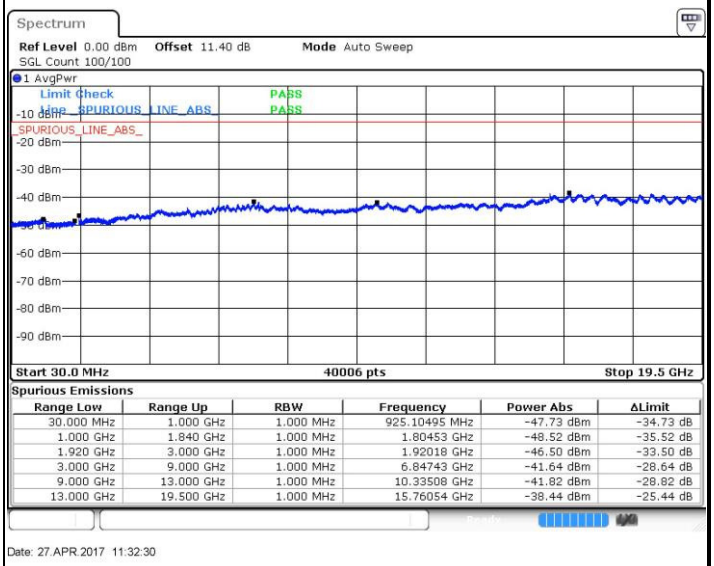
Date: 7.APR.2017 01:39:07

LTE Band 25 / 1.4MHz	
	Highest Channel / 64QAM
	

LTE Band 25 / 3MHz	
	Highest Channel / 64QAM
	

LTE Band 25 / 5MHz

Highest Channel / 64QAM



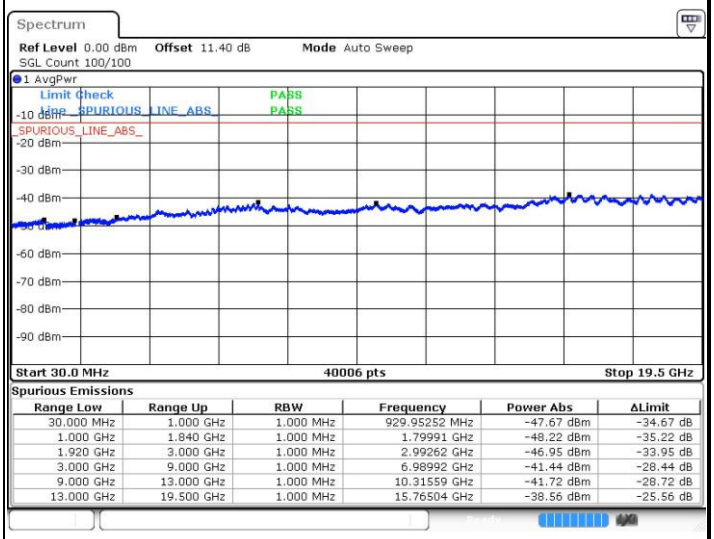
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.10495 MHz	-47.73 dBm	-34.73 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.80453 GHz	-48.52 dBm	-35.52 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-46.50 dBm	-33.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.84743 GHz	-41.64 dBm	-28.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.33508 GHz	-41.82 dBm	-28.82 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76054 GHz	-38.44 dBm	-25.44 dB

Date: 27.APR.2017 11:32:30

LTE Band 25 / 10MHz

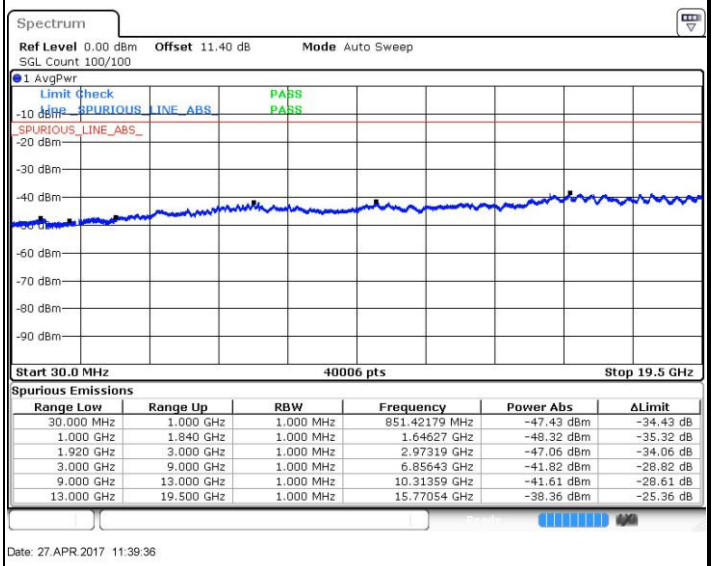
Highest Channel / 64QAM

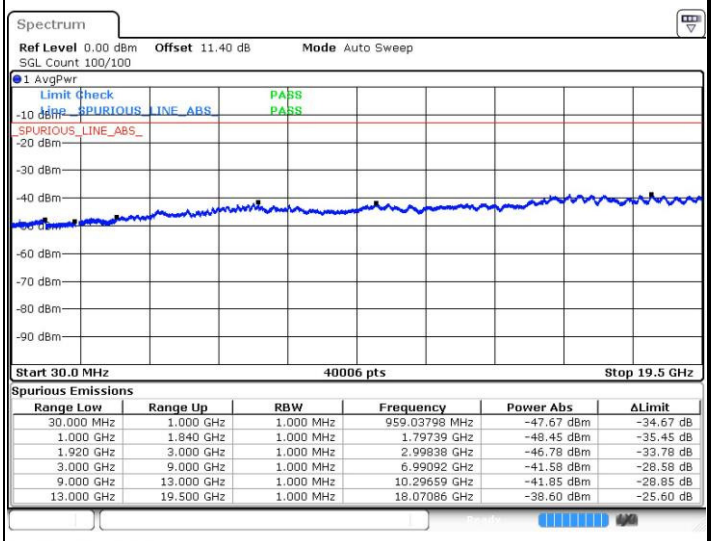


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-47.67 dBm	-34.67 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.79991 GHz	-48.22 dBm	-35.22 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.99262 GHz	-46.95 dBm	-33.95 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31559 GHz	-41.72 dBm	-28.72 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.76504 GHz	-38.56 dBm	-25.56 dB

Date: 27.APR.2017 11:36:03

LTE Band 25 / 15MHz	
	Highest Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 1.000 GHz / 1.000 MHz / 851.42179 MHz / -47.43 dBm / -34.43 dB 1.000 GHz / 1.840 GHz / 1.000 MHz / 1.64627 GHz / -48.32 dBm / -35.32 dB 1.920 GHz / 3.000 GHz / 1.000 MHz / 2.97319 GHz / -47.06 dBm / -34.06 dB 3.000 GHz / 9.000 GHz / 1.000 MHz / 6.85643 GHz / -41.82 dBm / -28.82 dB 9.000 GHz / 13.000 GHz / 1.000 MHz / 10.31359 GHz / -41.61 dBm / -28.61 dB 13.000 GHz / 19.500 GHz / 1.000 MHz / 15.77054 GHz / -38.36 dBm / -25.36 dB Date: 27.APR.2017 11:39:36

LTE Band 25 / 20MHz	
	Highest Channel / 64QAM
	 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 30.000 MHz / 1.000 GHz / 1.000 MHz / 959.03798 MHz / -47.67 dBm / -34.67 dB 1.000 GHz / 1.840 GHz / 1.000 MHz / 1.79739 GHz / -48.45 dBm / -35.45 dB 1.920 GHz / 3.000 GHz / 1.000 MHz / 2.99838 GHz / -46.78 dBm / -33.78 dB 3.000 GHz / 9.000 GHz / 1.000 MHz / 6.99092 GHz / -41.58 dBm / -28.58 dB 9.000 GHz / 13.000 GHz / 1.000 MHz / 10.29659 GHz / -41.85 dBm / -28.85 dB 13.000 GHz / 19.500 GHz / 1.000 MHz / 18.07086 GHz / -38.60 dBm / -25.60 dB Date: 27.APR.2017 11:43:10

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0087	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0074	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0081	
0	Normal Voltage	0.0081	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0086	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0087	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.8 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.

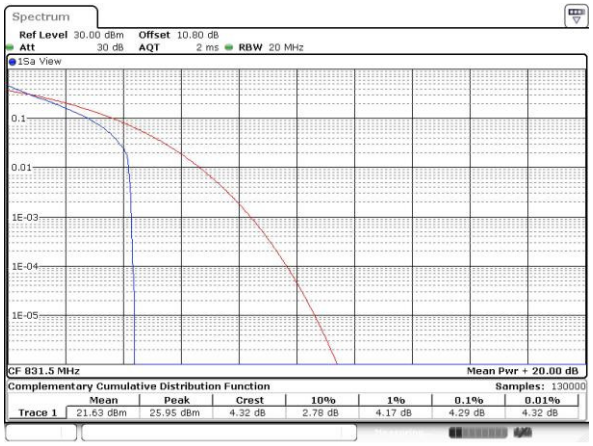
LTE Band 26_Part 22H

Peak-to-Average Ratio

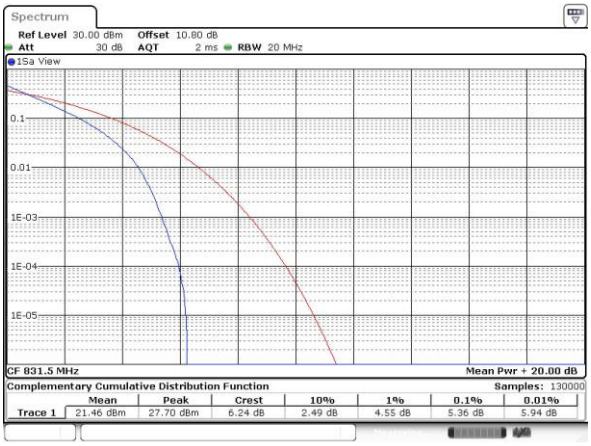
Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.29	5.36	4.81	6.2	PASS
Middle CH	4.78	5.28	5.01	6.2	
Highest CH	5.19	5.33	5.62	6.23	
Mod.	-		64QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	-	-	4.96	6.09	PASS
Middle CH	-	-	5.19	6.29	
Highest CH	-	-	5.71	6.29	

LTE Band 26 / 15MHz / QPSK

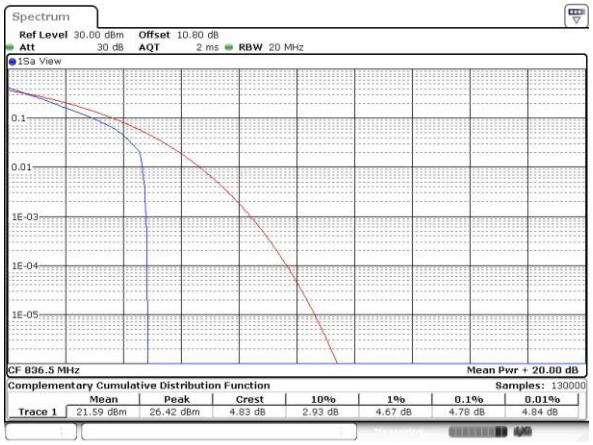
Lowest Channel / 1RB



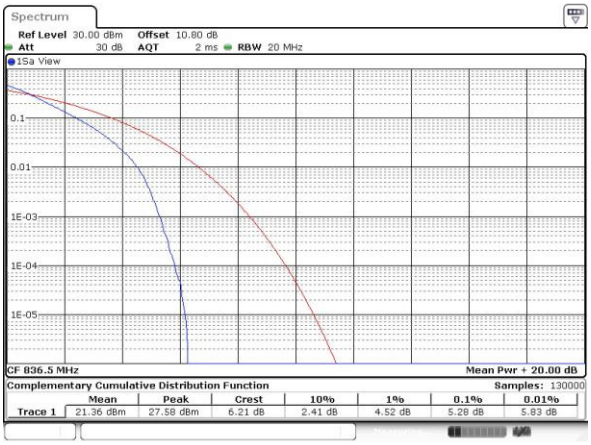
Lowest Channel / Full RB



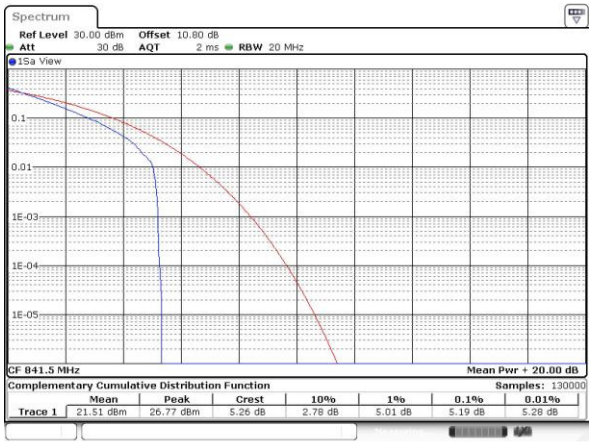
Middle Channel / 1RB



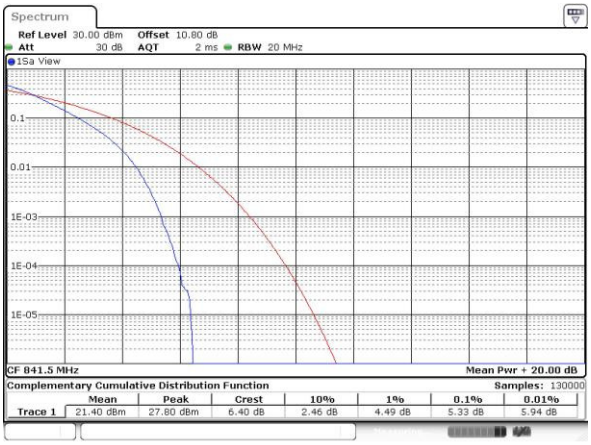
Middle Channel / Full RB



Highest Channel / 1RB

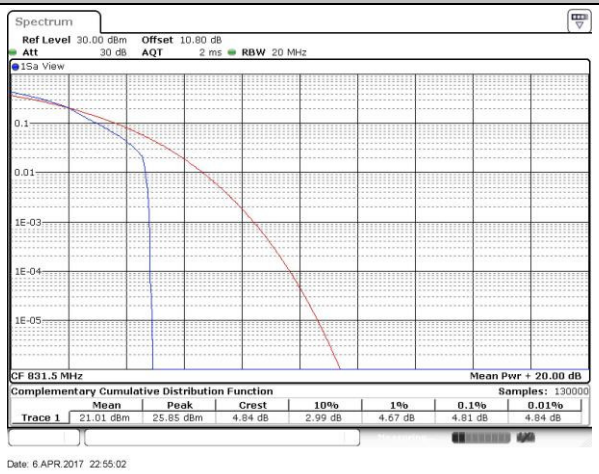


Highest Channel / Full RB

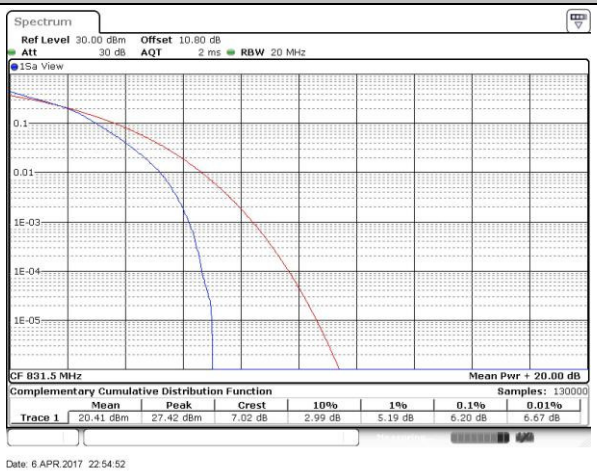


LTE Band 26 / 15MHz / 16QAM

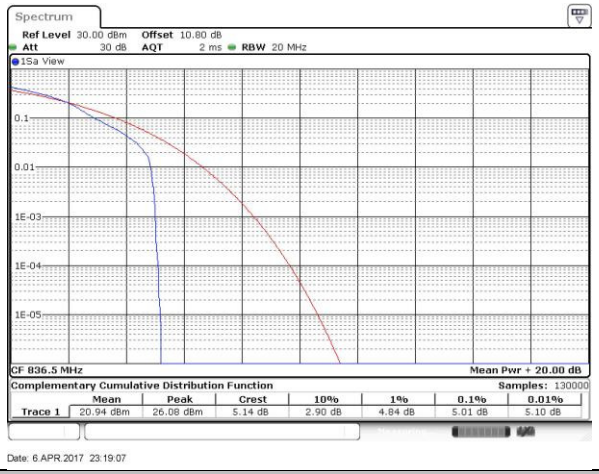
Lowest Channel / 1RB



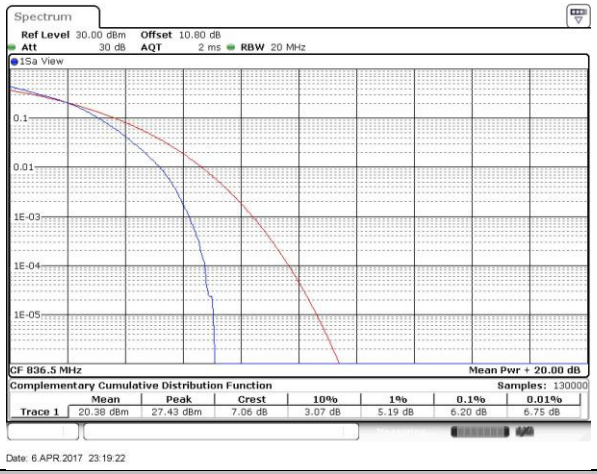
Lowest Channel / Full RB



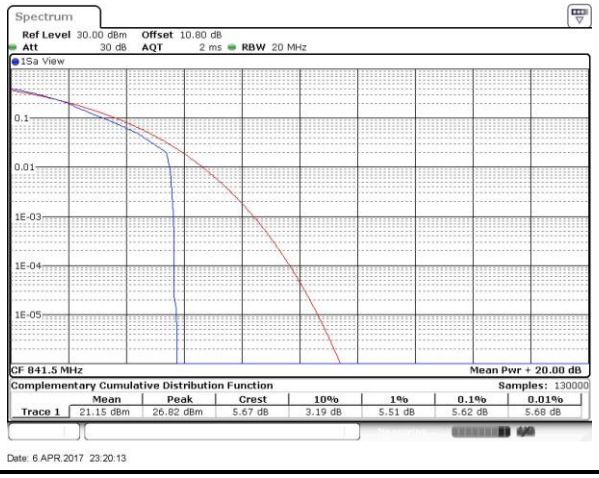
Middle Channel / 1RB



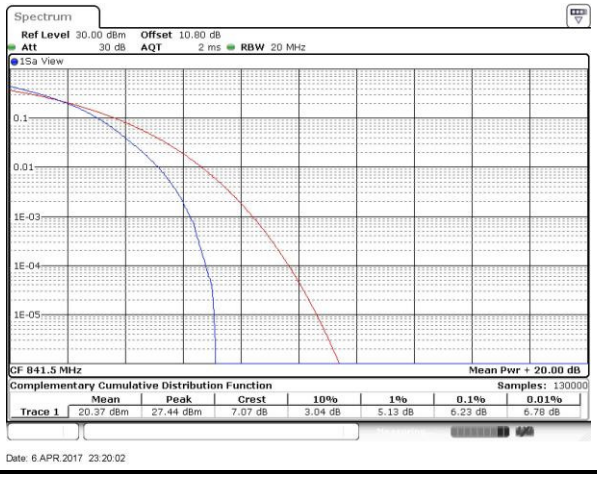
Middle Channel / Full RB



Highest Channel / 1RB

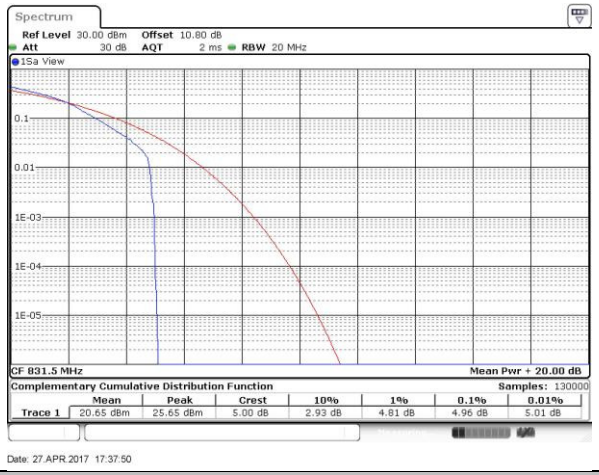


Highest Channel / Full RB

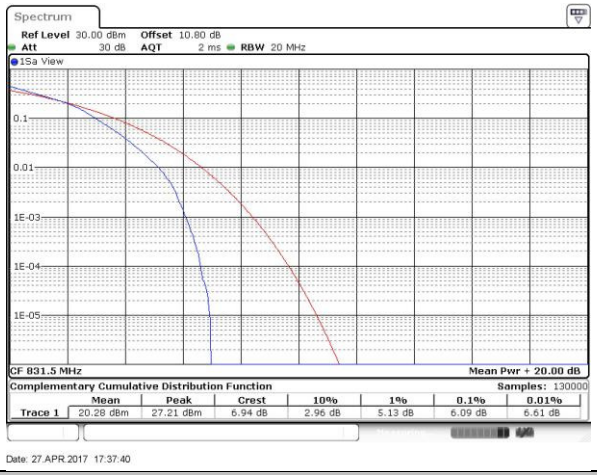


LTE Band 26 / 15MHz / 64QAM

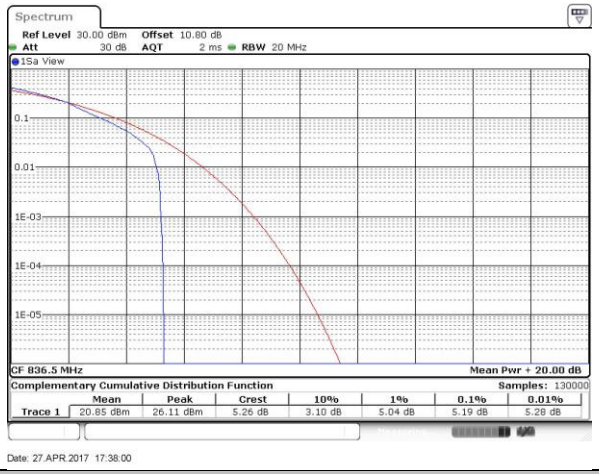
Lowest Channel / 1RB



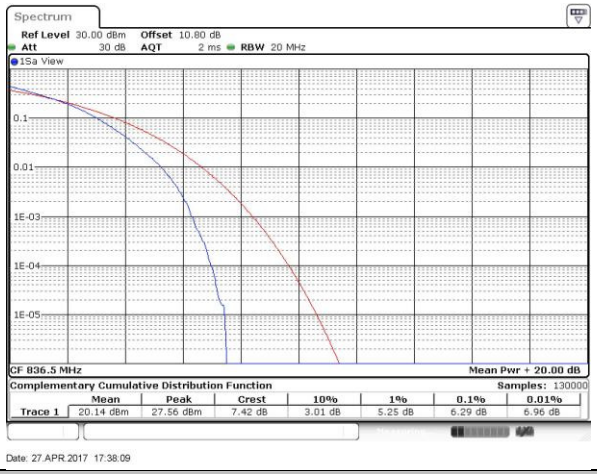
Lowest Channel / Full RB



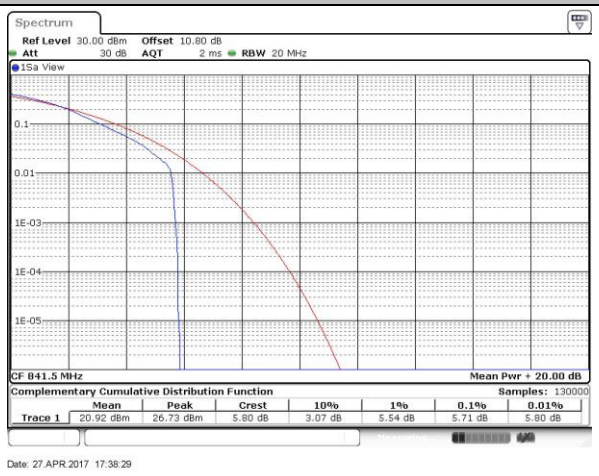
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



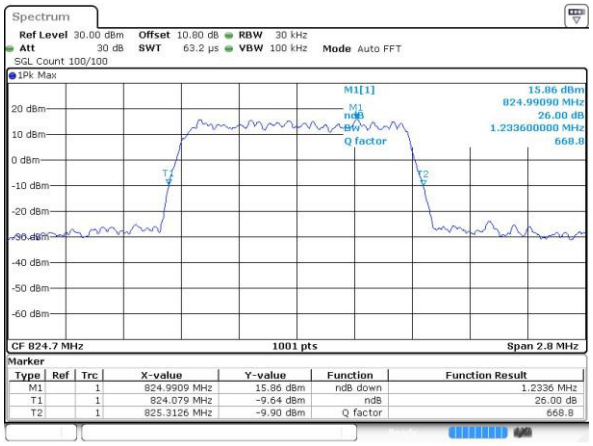
Highest Channel / Full RB

26dB Bandwidth

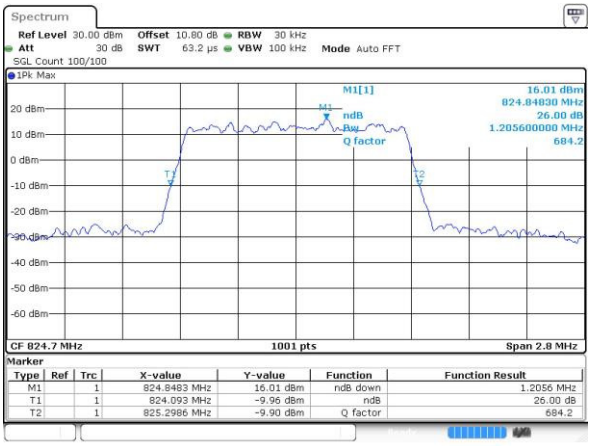
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.21	3.03	3.01	4.89	4.90	9.77	9.71	14.30	14.30	-	-
Middle CH	1.23	1.23	3.04	2.99	4.84	4.91	9.71	9.65	14.45	14.12	-	-
Highest CH	1.22	1.22	2.98	3.03	4.82	4.89	9.67	9.83	14.12	14.45	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM
Lowest CH	-	1.23	-	3.02	-	4.90	-	9.85	-	14.39	-	-
Middle CH	-	1.23	-	2.99	-	4.86	-	9.81	-	14.63	-	-
Highest CH	-	1.22	-	3.06	-	4.85	-	9.81	-	14.27	-	-

LTE Band 26

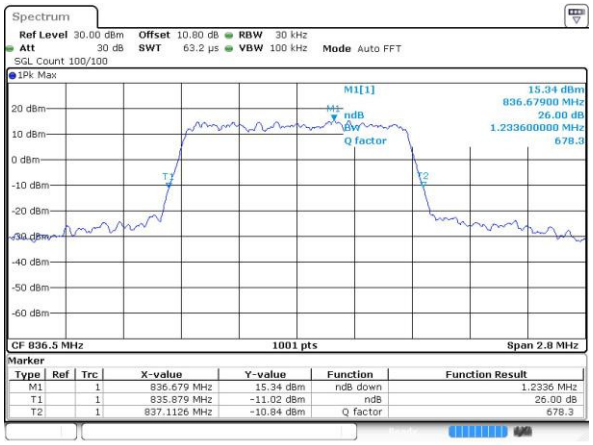
Lowest Channel / 1.4MHz / QPSK



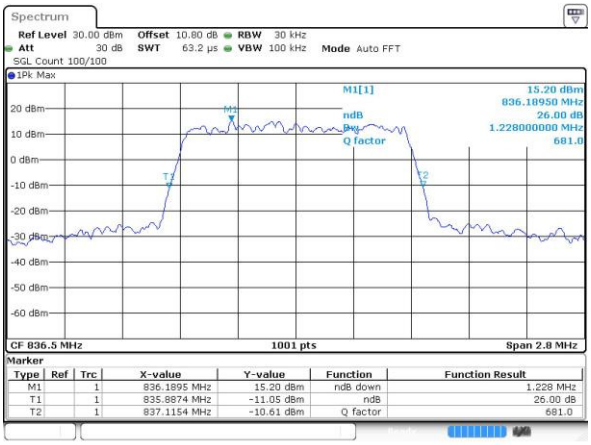
Lowest Channel / 1.4MHz / 16QAM



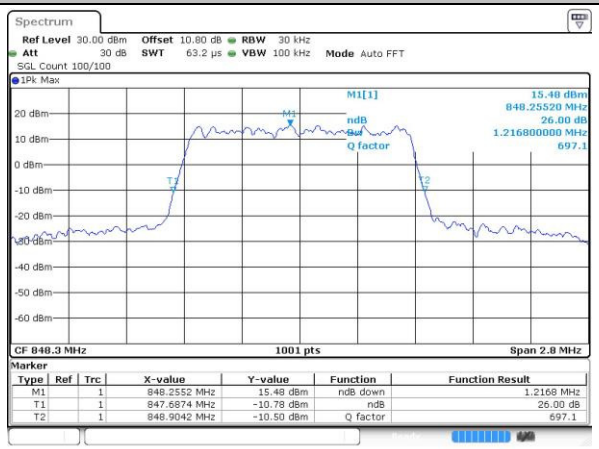
Middle Channel / 1.4MHz / QPSK



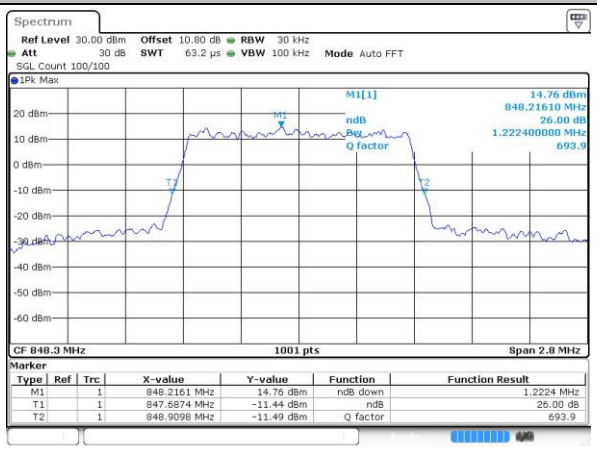
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

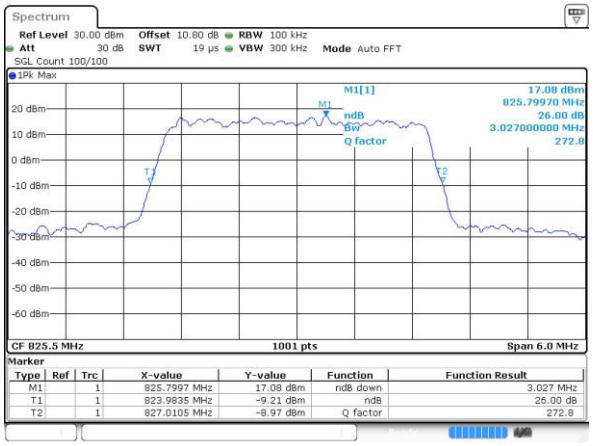


Highest Channel / 1.4MHz / 16QAM

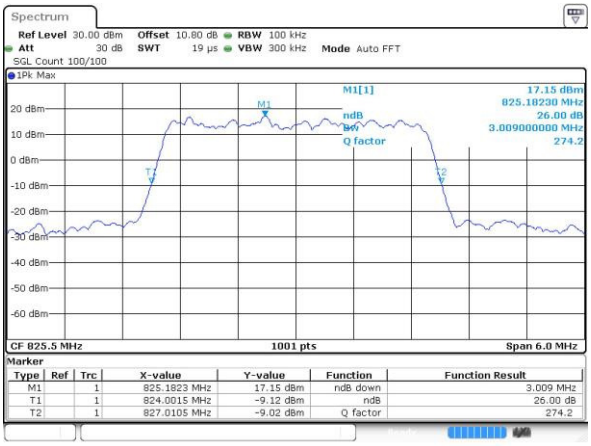


LTE Band 26

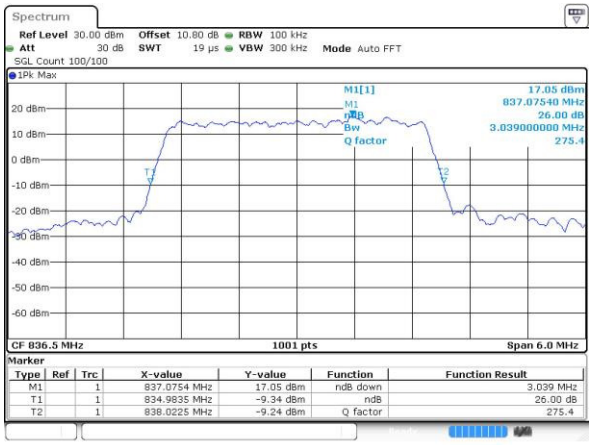
Lowest Channel / 3MHz / QPSK



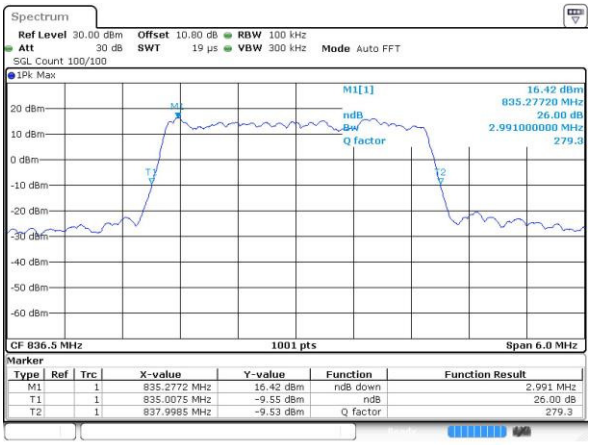
Lowest Channel / 3MHz / 16QAM



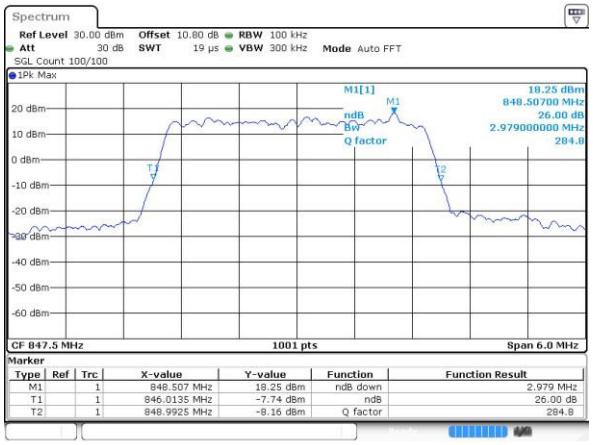
Middle Channel / 3MHz / QPSK



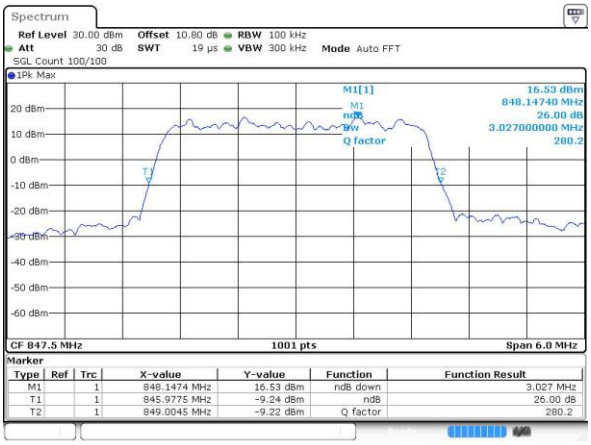
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

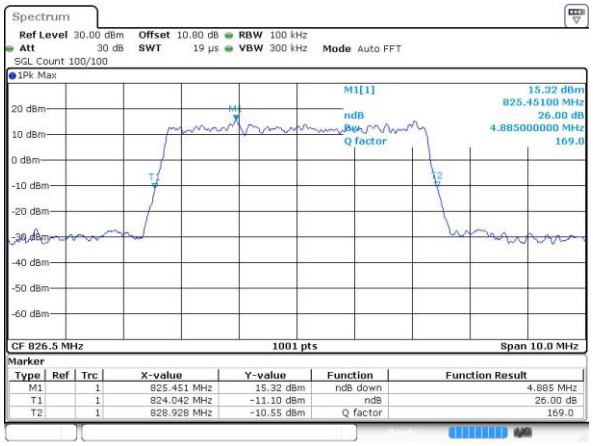


Highest Channel /3MHz / 16QAM

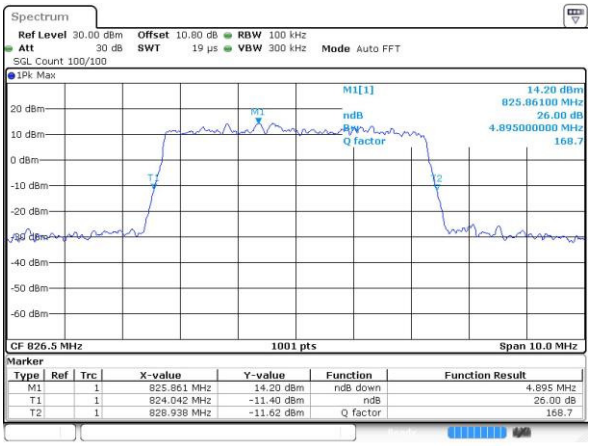


LTE Band 26

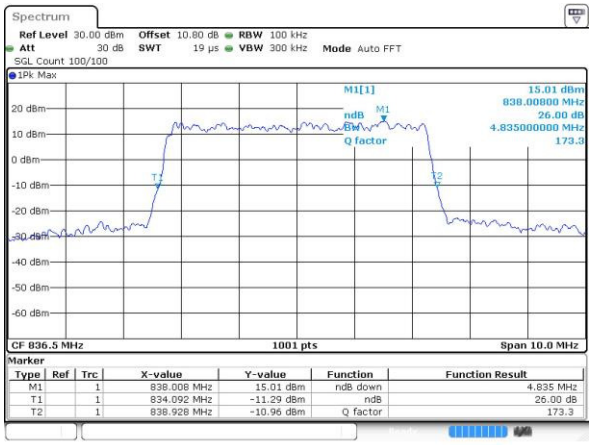
Lowest Channel / 5MHz / QPSK



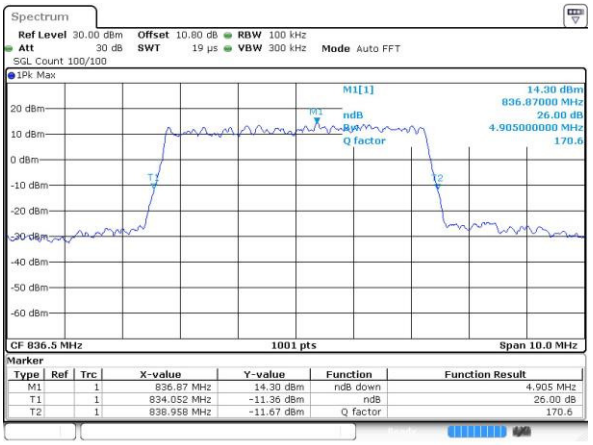
Lowest Channel / 5MHz / 16QAM



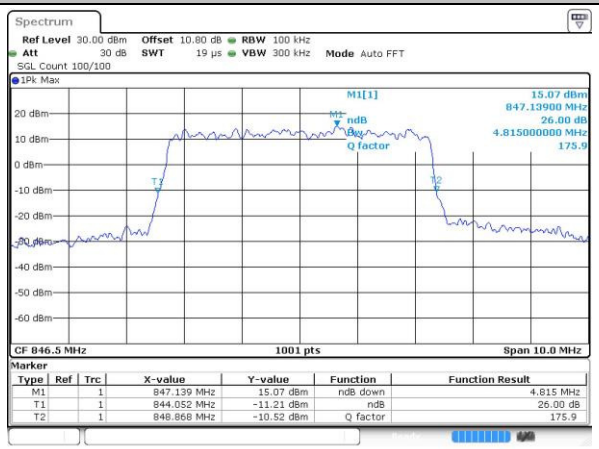
Middle Channel / 5MHz / QPSK



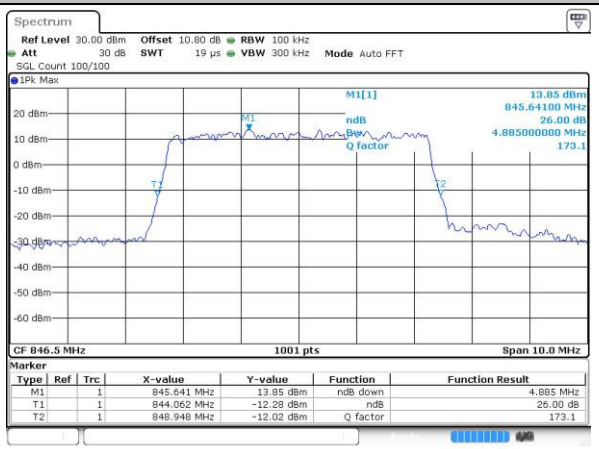
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

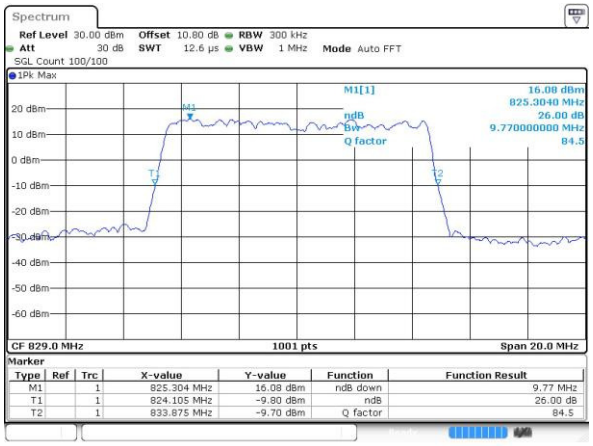


Highest Channel / 5MHz / 16QAM

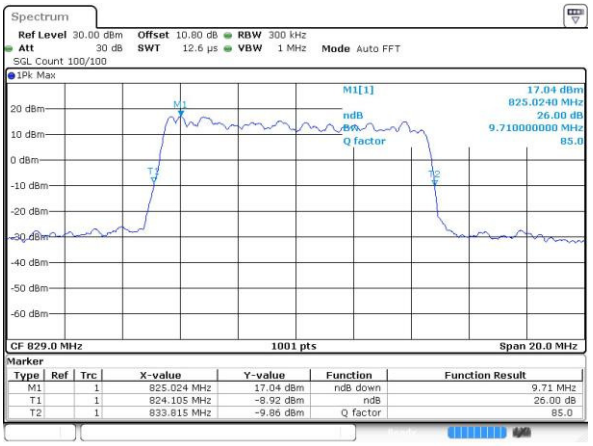


LTE Band 26

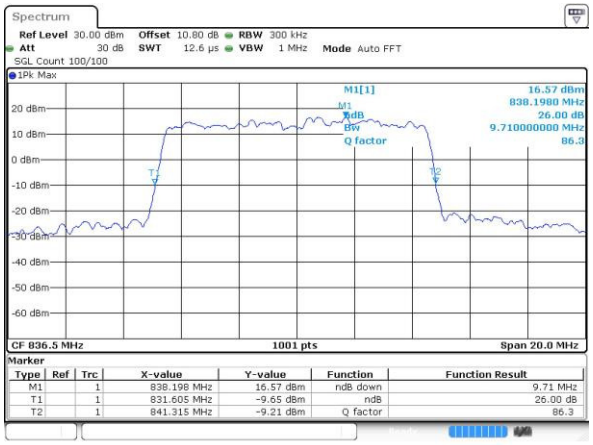
Lowest Channel / 10MHz / QPSK



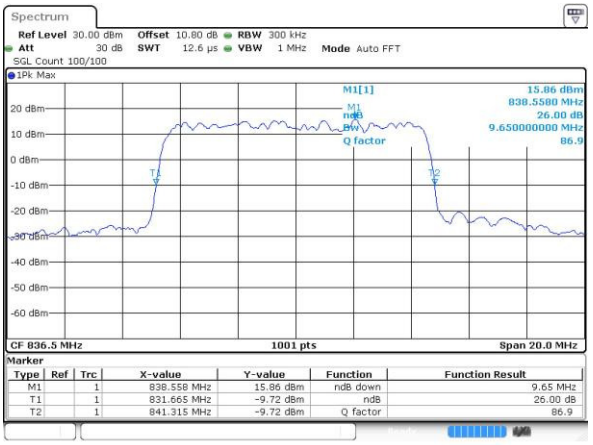
Lowest Channel / 10MHz / 16QAM



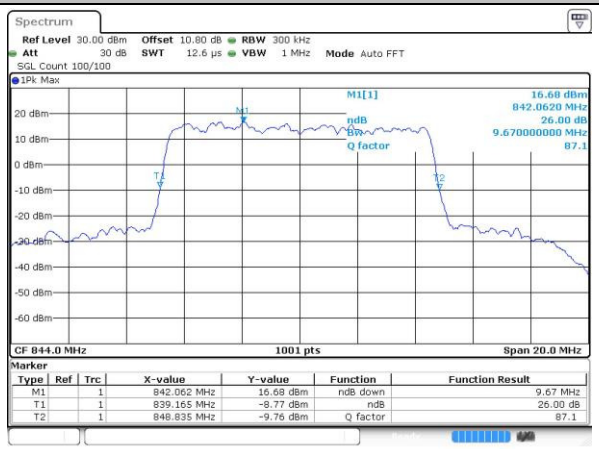
Middle Channel / 10MHz / QPSK



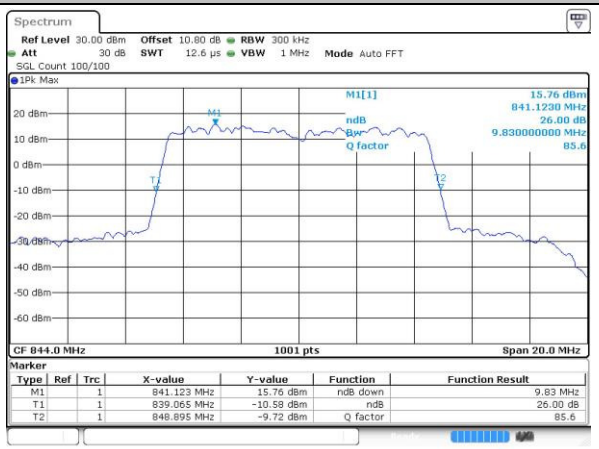
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

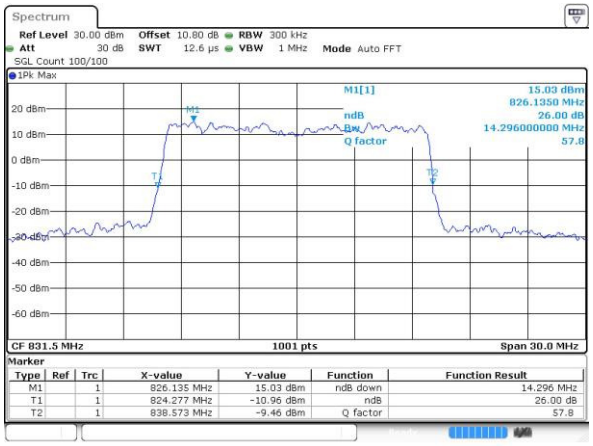


Highest Channel / 10MHz / 16QAM

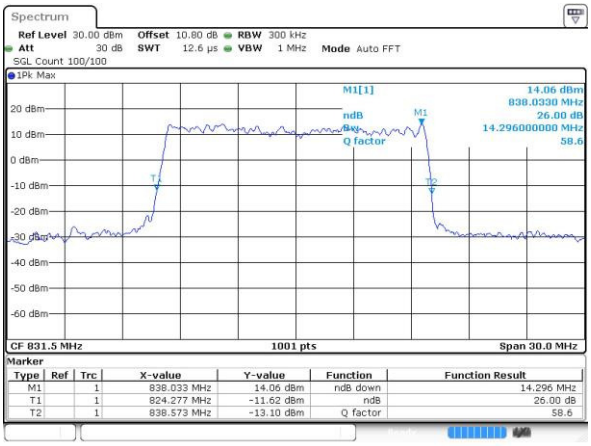


LTE Band 26

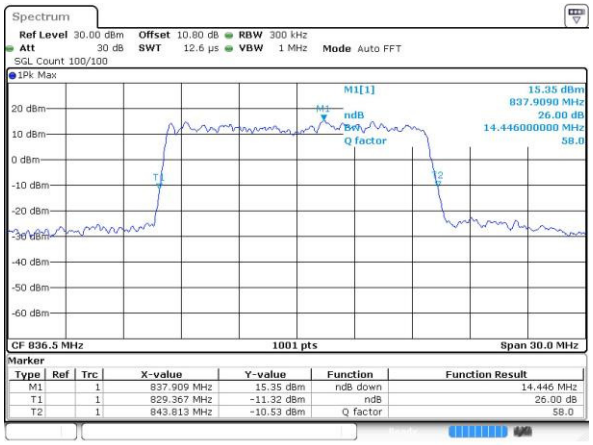
Lowest Channel / 15MHz / QPSK



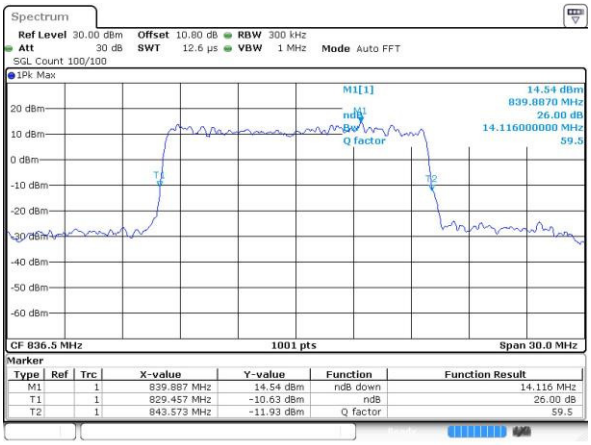
Lowest Channel / 15MHz / 16QAM



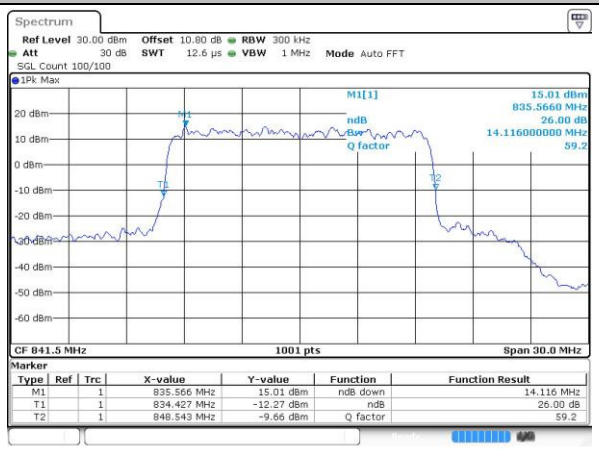
Middle Channel / 15MHz / QPSK



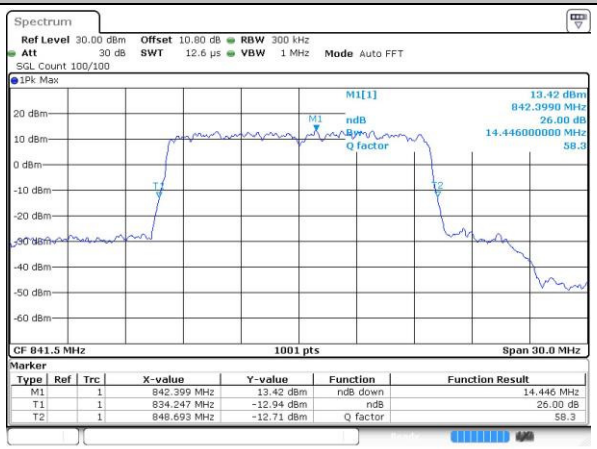
Middle Channel / 15MHz / 16QAM

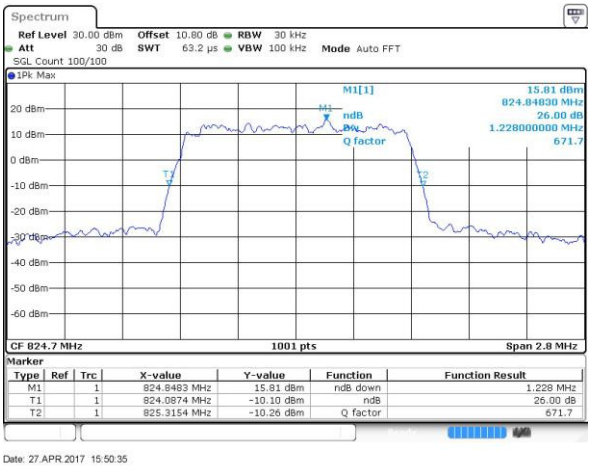
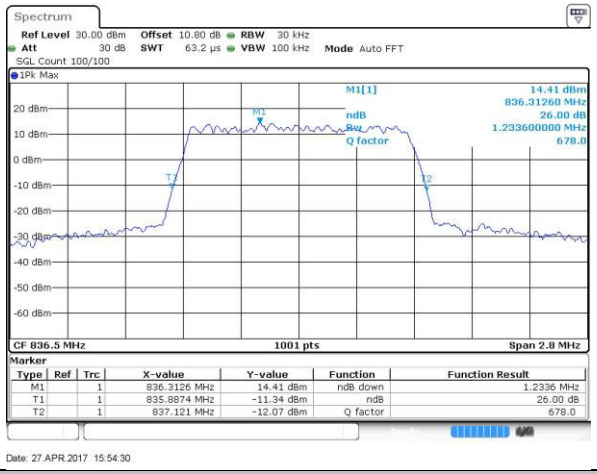
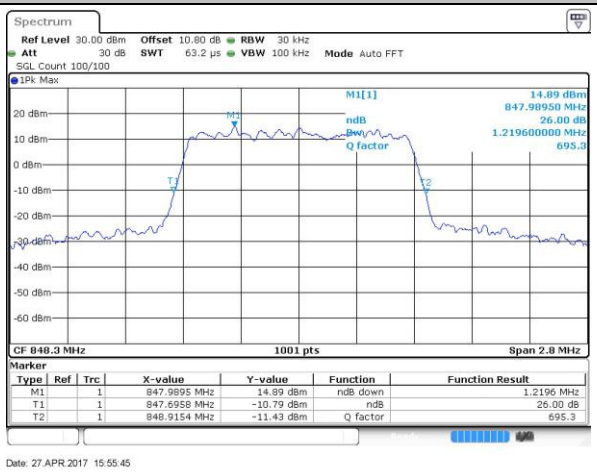


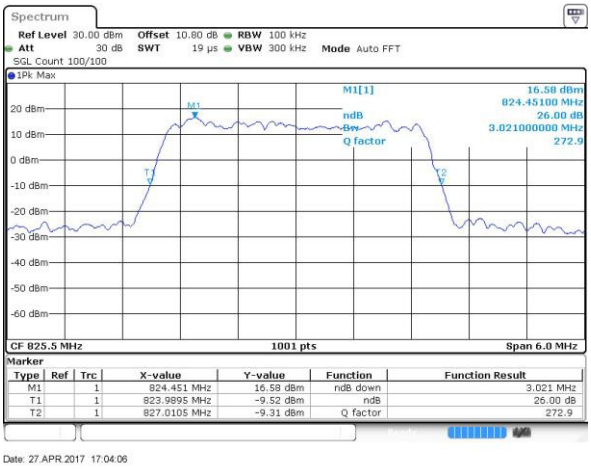
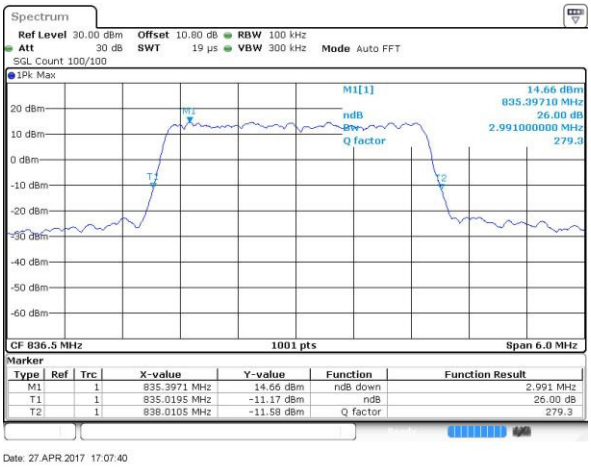
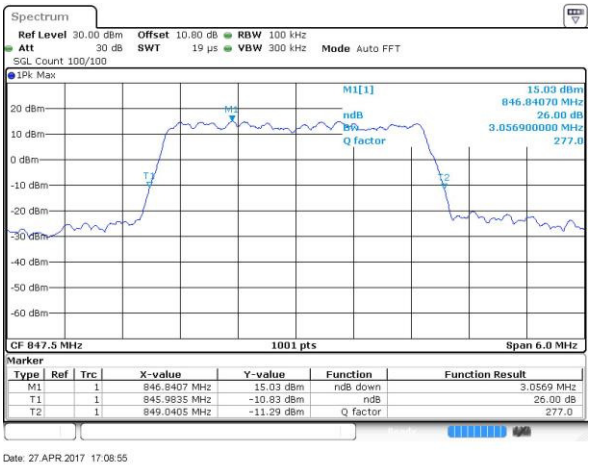
Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM



LTE Band 26	
	Lowest Channel / 1.4MHz / 64QAM
	
	Middle Channel / 1.4MHz / 64QAM
	
	Highest Channel / 1.4MHz / 64QAM
	

LTE Band 26	
	Lowest Channel / 3MHz / 64QAM
	
	Middle Channel /3MHz / 64QAM
	
	Highest Channel /3MHz / 64QAM