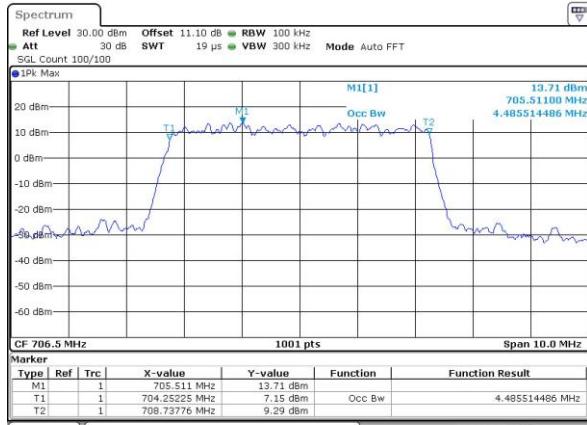




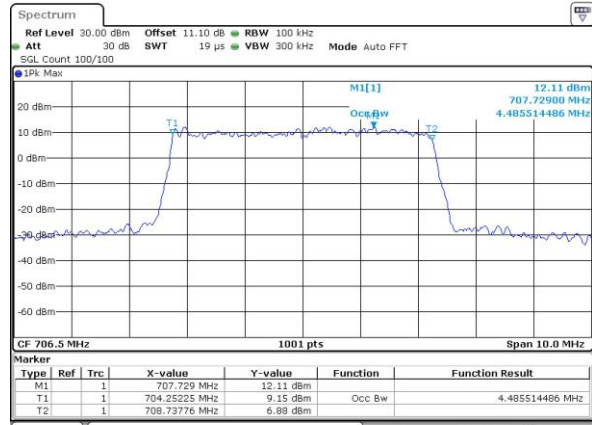
LTE Band 17

Lowest Channel / 5MHz / QPSK



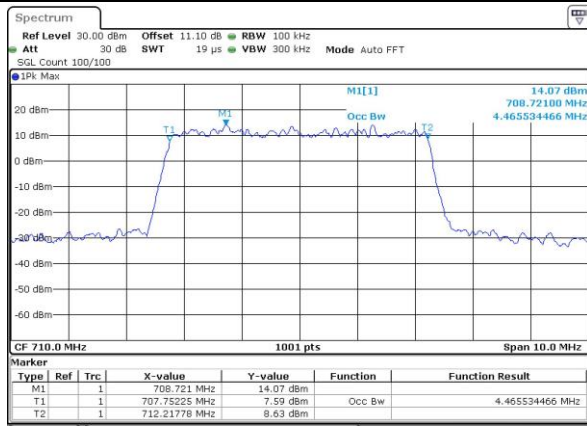
Date: 28 JUN 2019 06:06:24

Lowest Channel / 5MHz / 16QAM



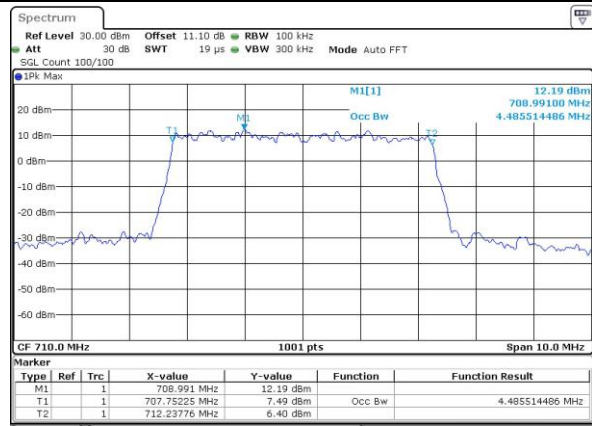
Date: 28 JUN 2019 06:06:36

Middle Channel / 5MHz / QPSK



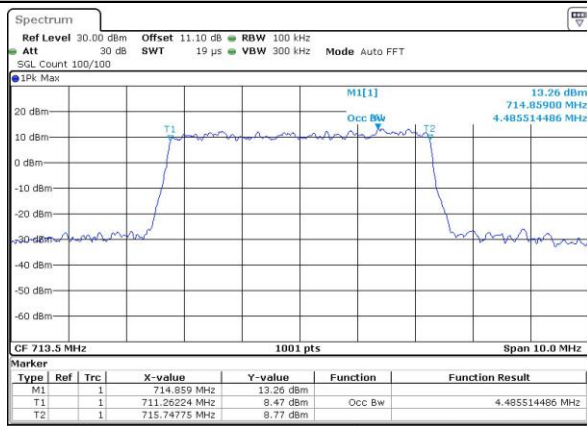
Date: 28 JUN 2019 06:06:48

Middle Channel / 5MHz / 16QAM



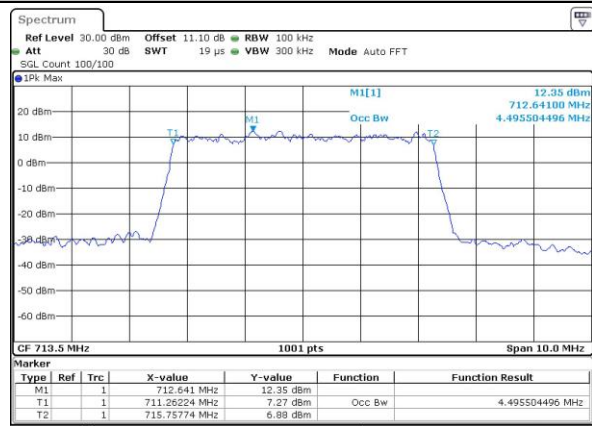
Date: 28 JUN 2019 06:06:59

Highest Channel / 5MHz / QPSK



Date: 28 JUN 2019 06:07:11

Highest Channel / 5MHz / 16QAM

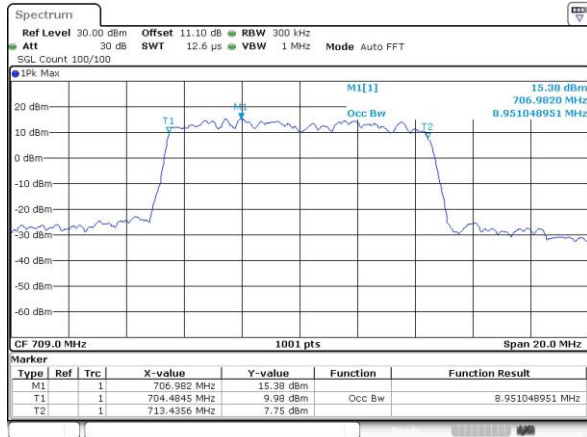


Date: 28 JUN 2019 06:07:22

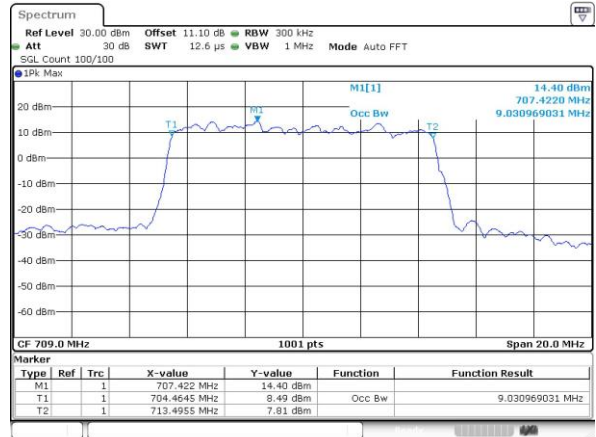


LTE Band 17

Lowest Channel / 10MHz / QPSK



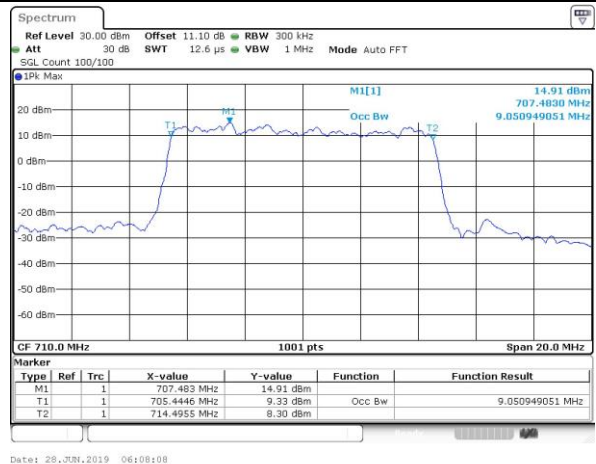
Lowest Channel / 10MHz / 16QAM



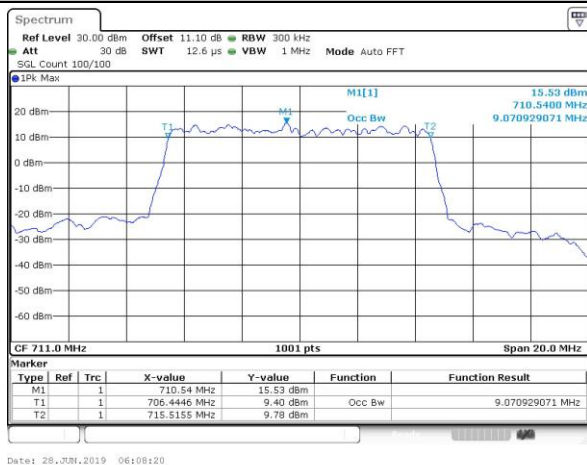
Middle Channel / 10MHz / QPSK



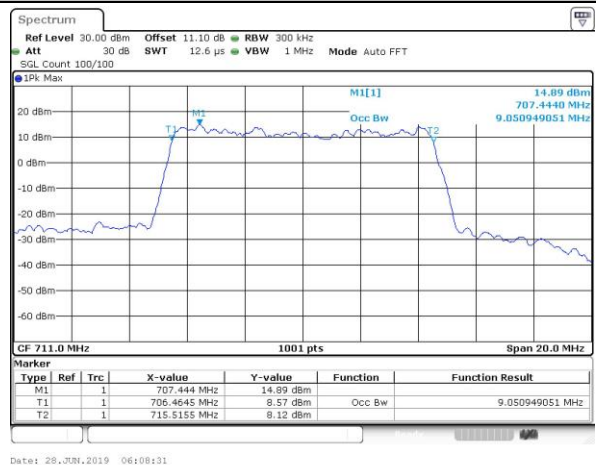
Middle Channel / 10MHz / 16QAM

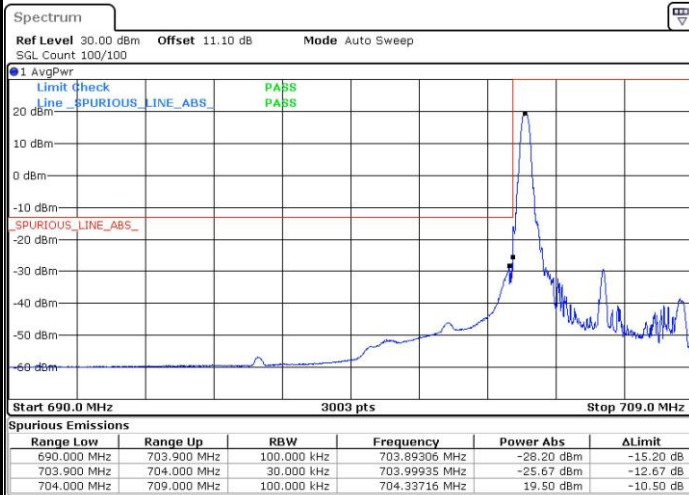
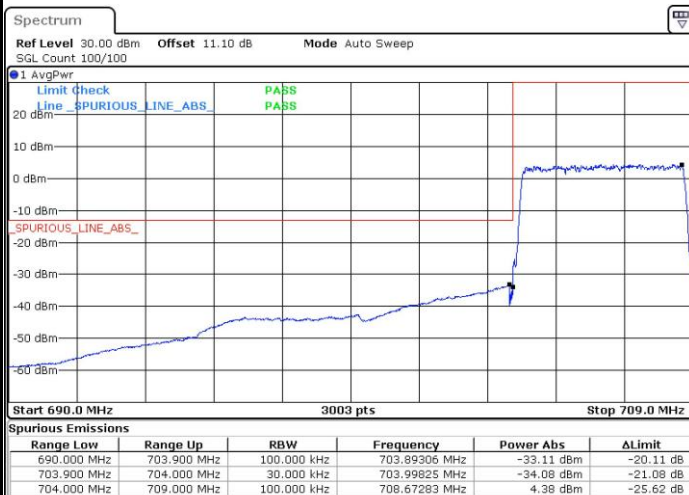


Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

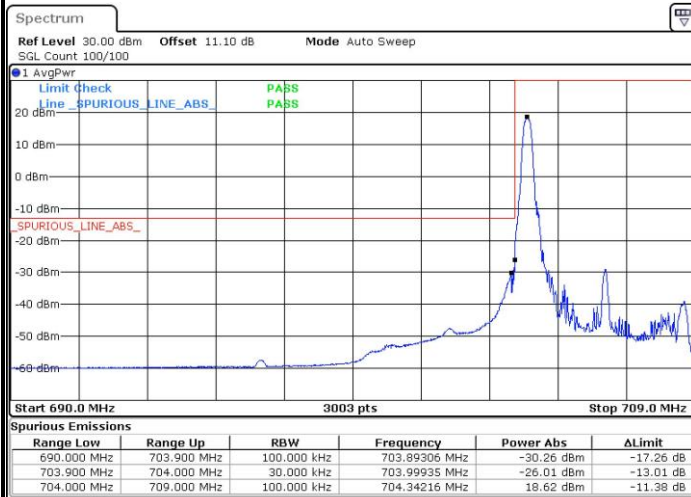


**Conducted Band Edge****LTE Band 17 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

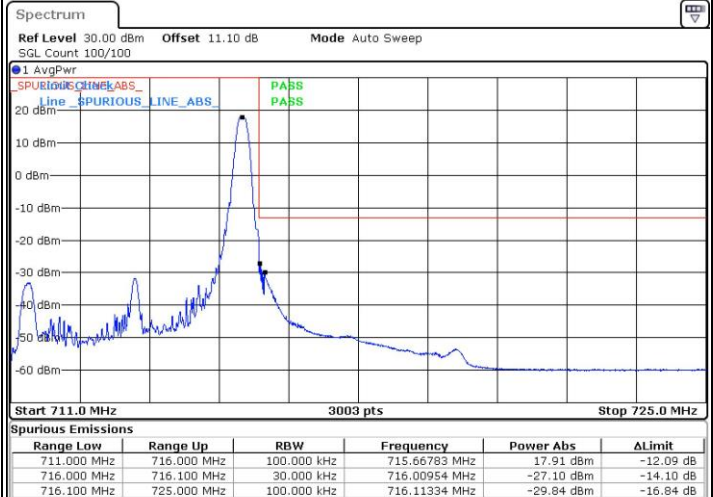


LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



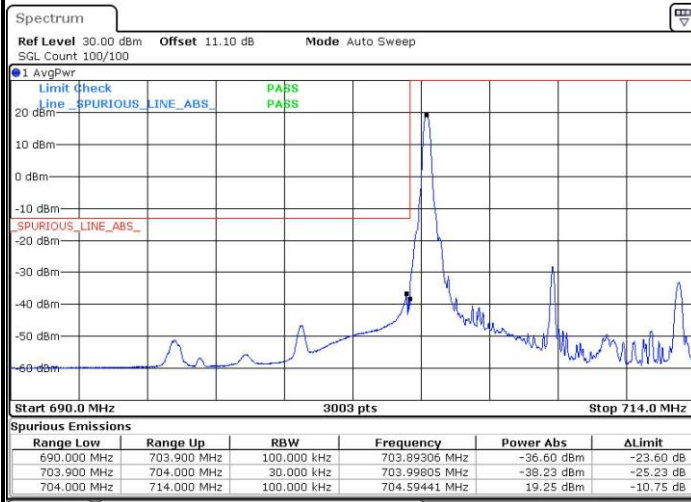
Highest Band Edge / Full RB



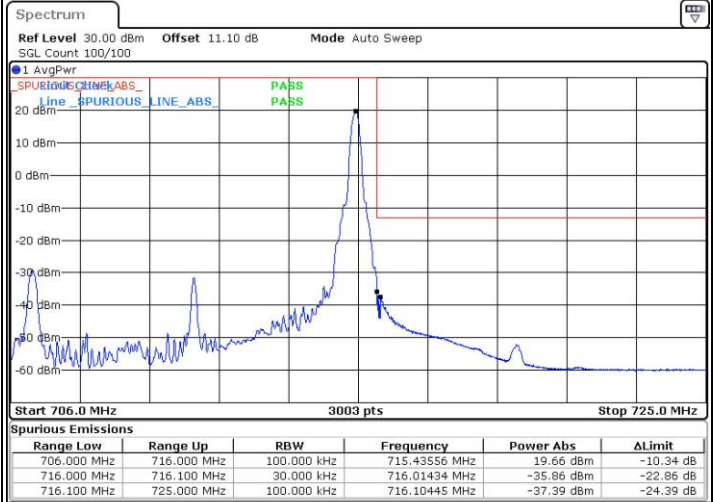


LTE Band 17 / 10MHz / QPSK

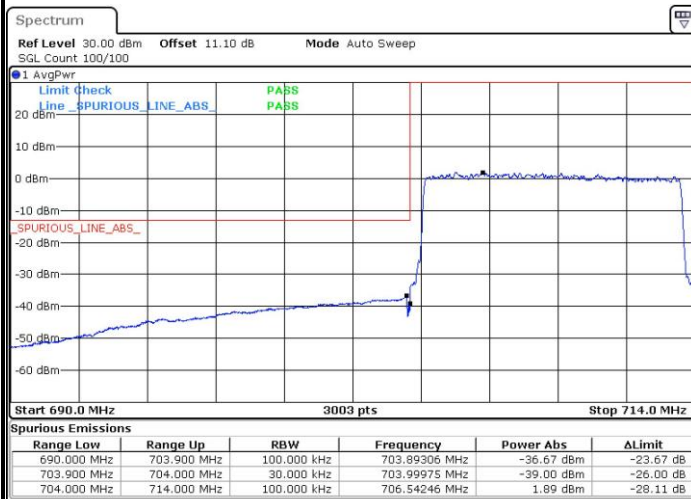
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



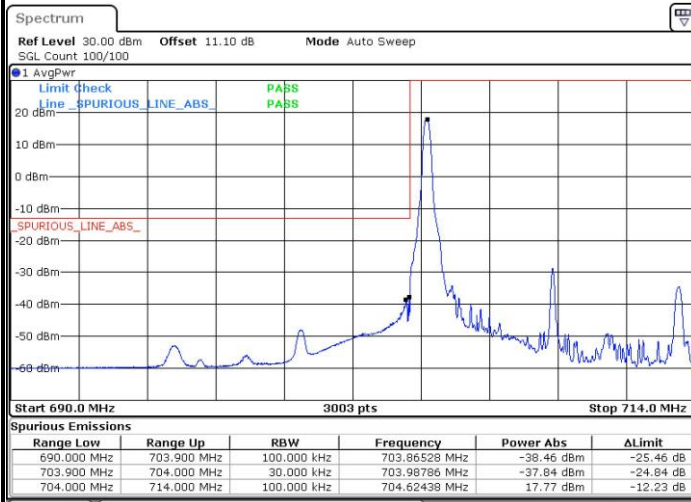
Highest Band Edge / Full RB



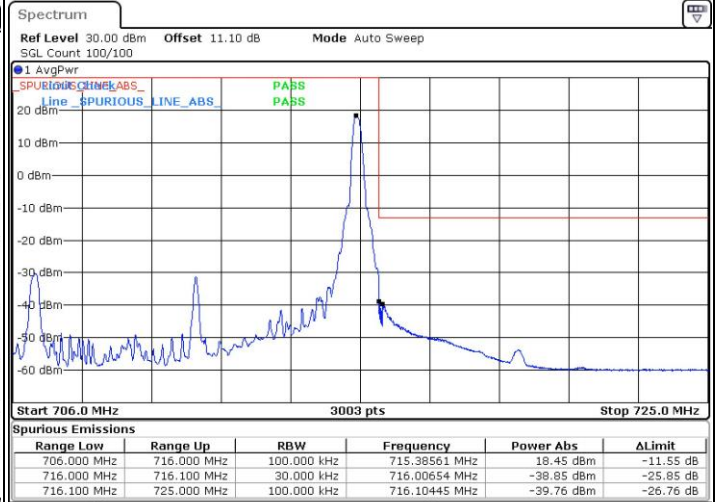


LTE Band 17 / 10MHz / 16QAM

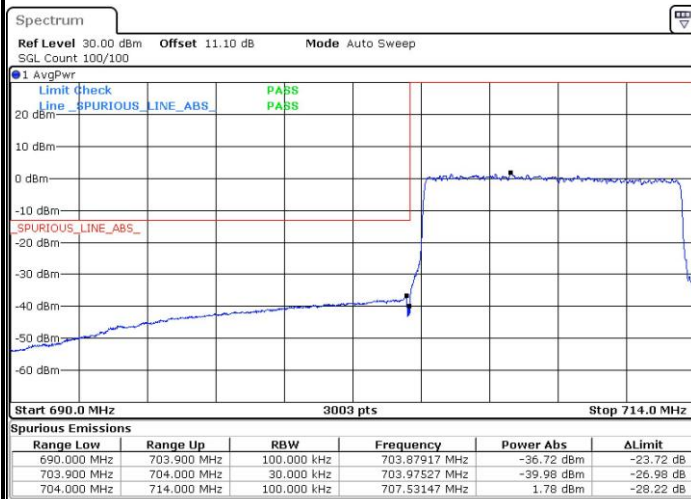
Lowest Band Edge / 1 RB



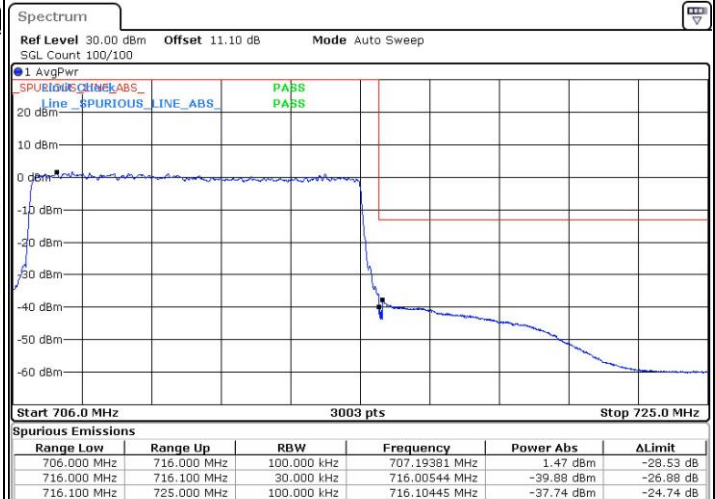
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

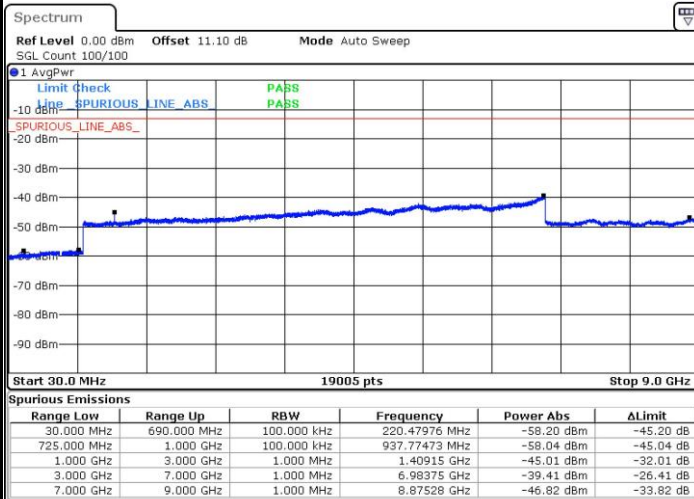




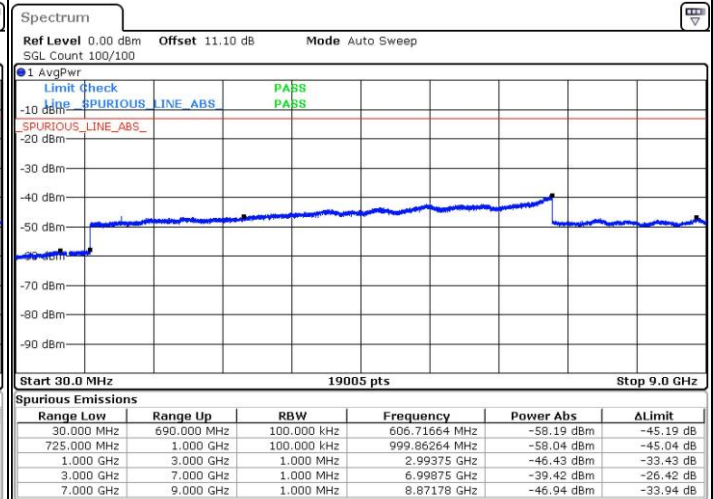
Conducted Spurious Emission

LTE Band 17 / 5MHz

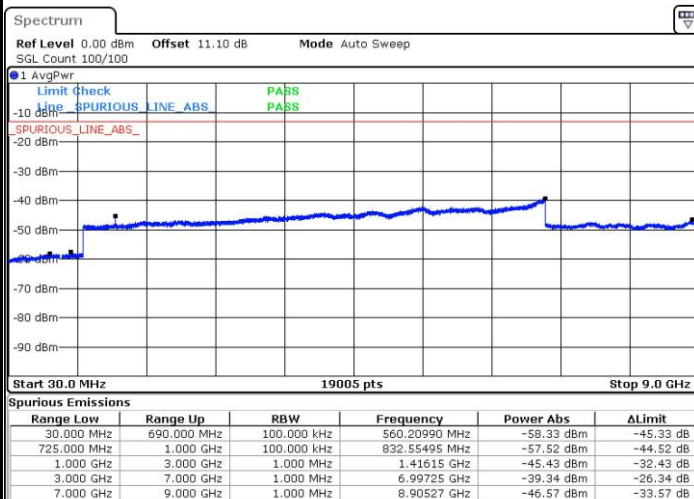
Lowest Channel / QPSK



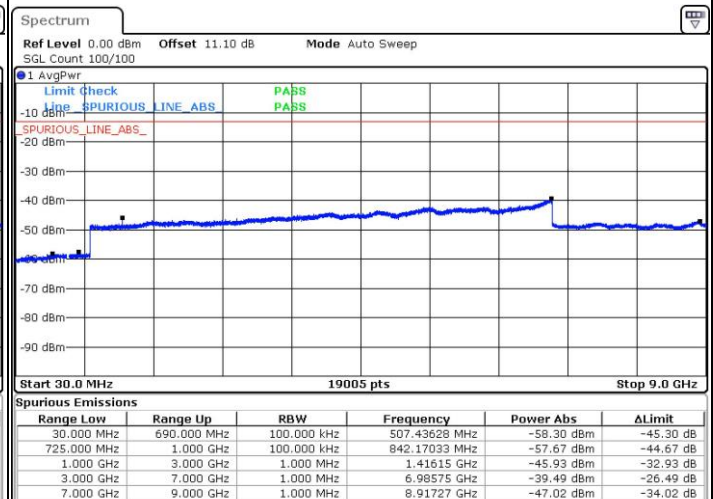
Lowest Channel / 16QAM



Middle Channel / QPSK



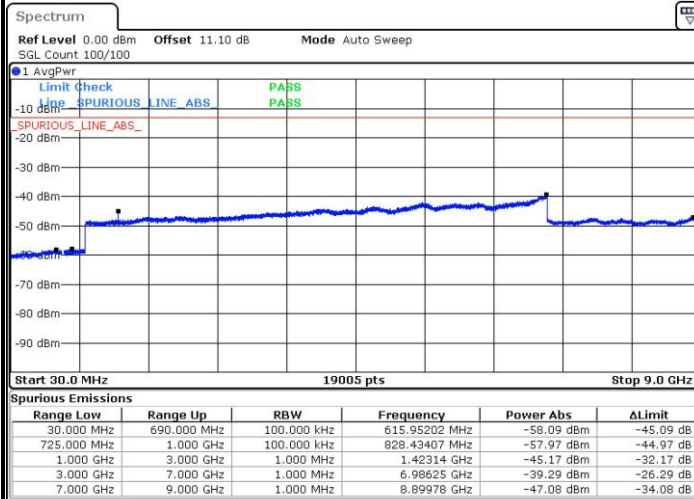
Middle Channel / 16QAM





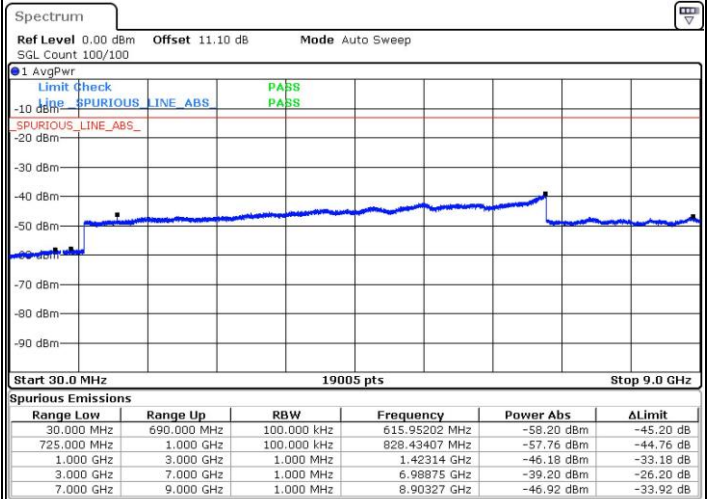
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 25.JUN.2019 00:23:18

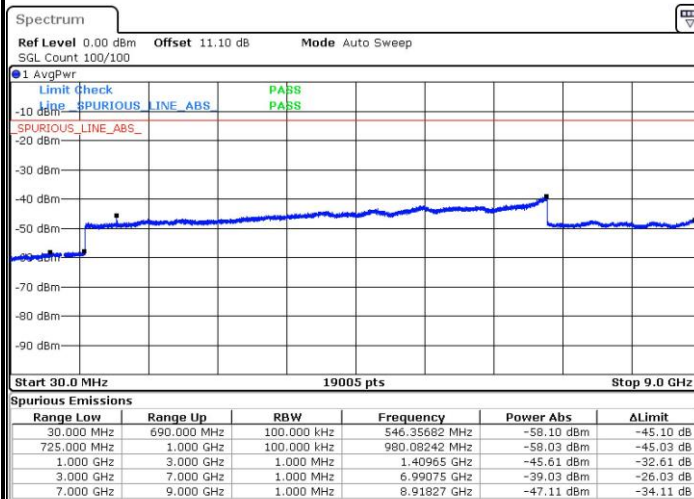
Highest Channel / 16QAM



Date: 25.JUN.2019 00:24:20

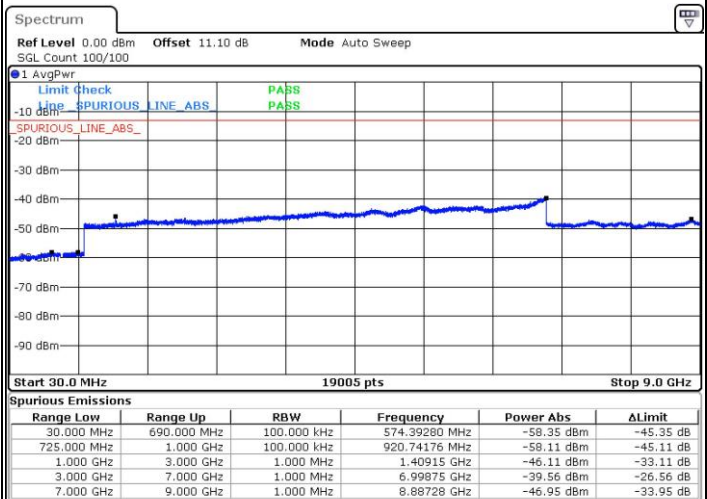
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 25.JUN.2019 00:29:44

Lowest Channel / 16QAM

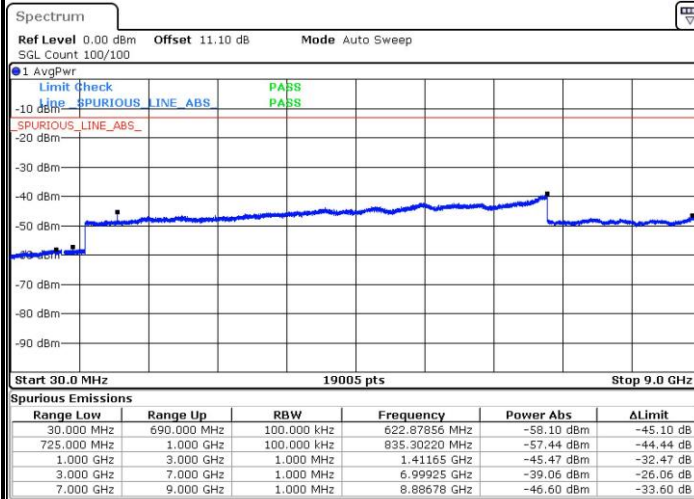


Date: 25.JUN.2019 00:30:47



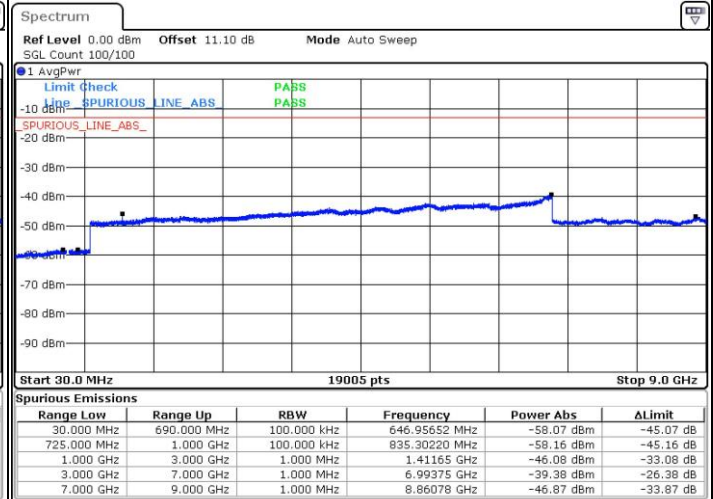
LTE Band 17 / 10MHz

Middle Channel / QPSK



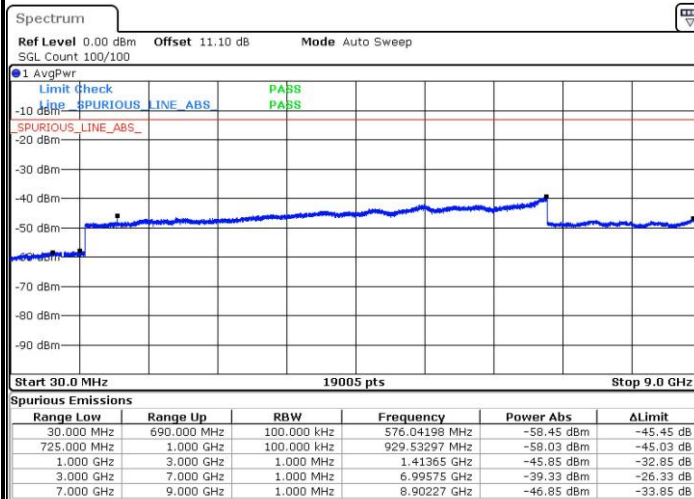
Date: 25.JUN.2019 00:32:35

Middle Channel / 16QAM



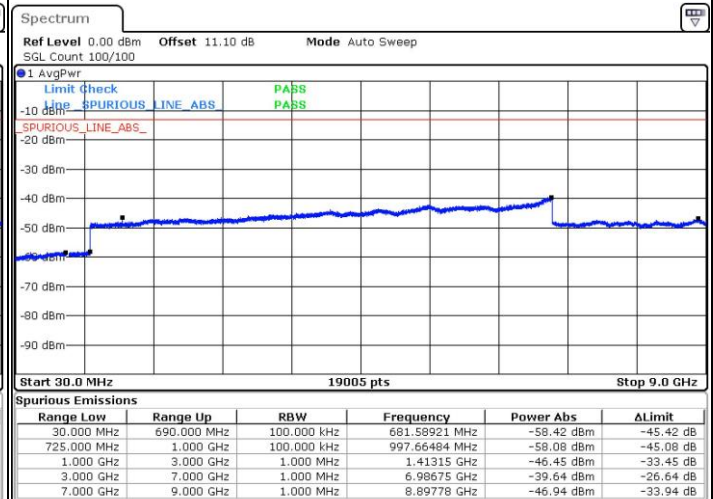
Date: 25.JUN.2019 00:33:38

Highest Channel / QPSK



Date: 25.JUN.2019 00:39:02

Highest Channel / 16QAM



Date: 25.JUN.2019 00:40:05

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0046	PASS
40	Normal Voltage	0.0072	
30	Normal Voltage	0.0062	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0113	
0	Normal Voltage	0.0089	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0070	
20	Maximum Voltage	0.0110	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0056	

Note:

1. Normal Voltage =7.7 V. ; Battery End Point (BEP) =6.8 V. ; Maximum Voltage =8.8 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.81	4.46	5.86	PASS
Middle CH	3.65	4.58	4.23	5.91	
Highest CH	3.59	4.75	4.49	5.86	

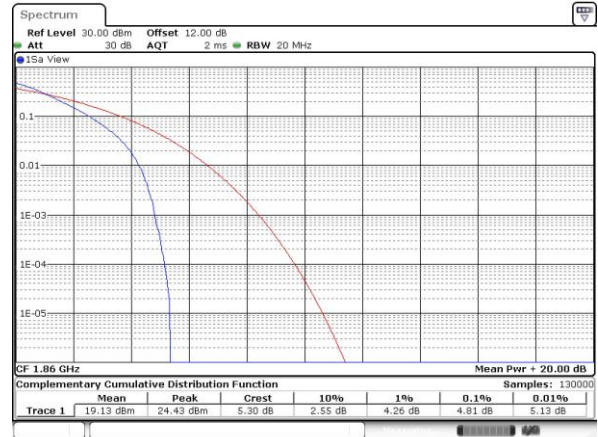


LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



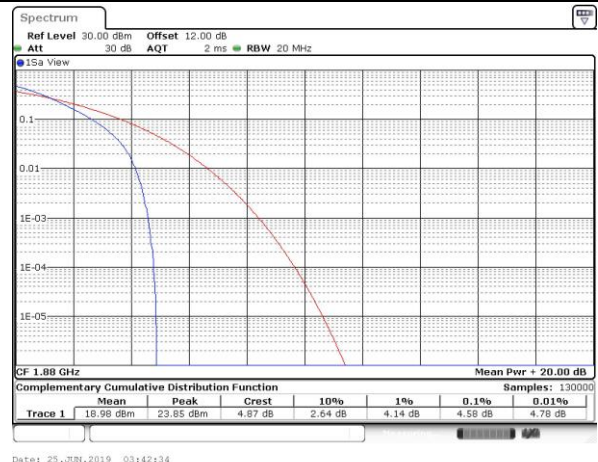
Lowest Channel / Full RB



Middle Channel / 1RB



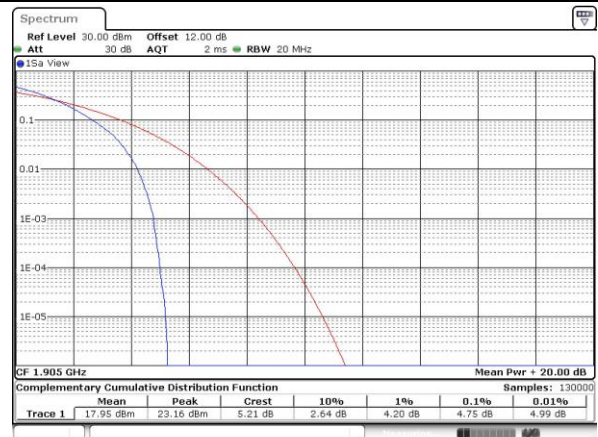
Middle Channel / Full RB



Highest Channel / 1RB



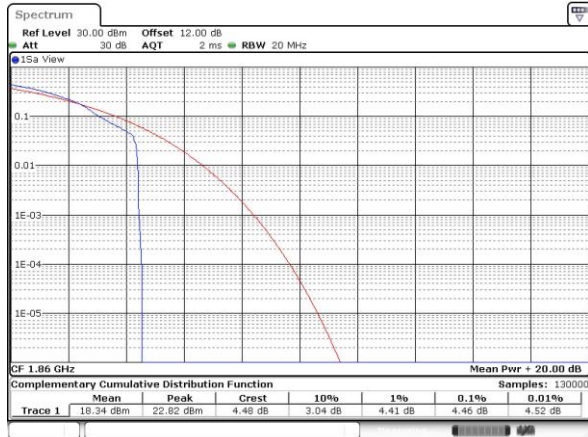
Highest Channel / Full RB



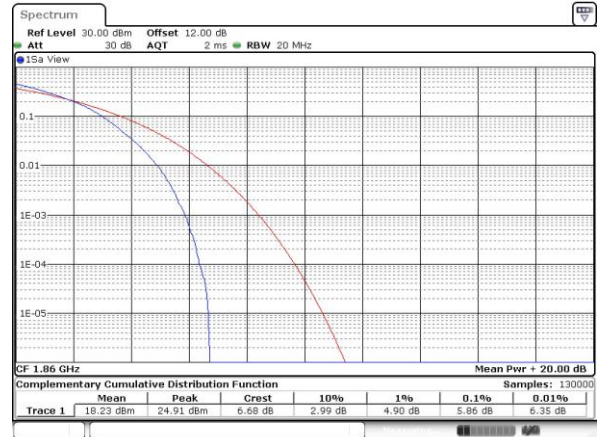


LTE Band 25 / 20MHz / 16QAM

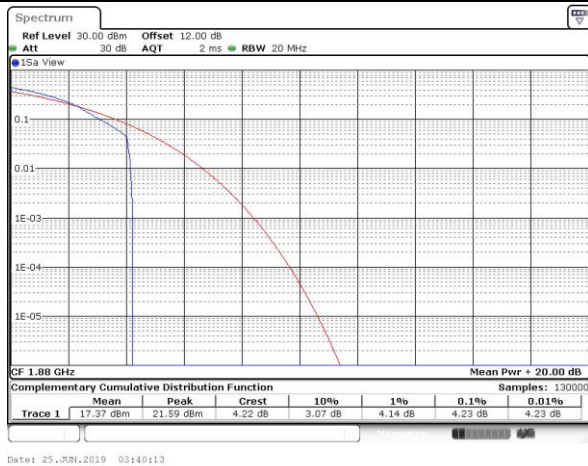
Lowest Channel / 1RB



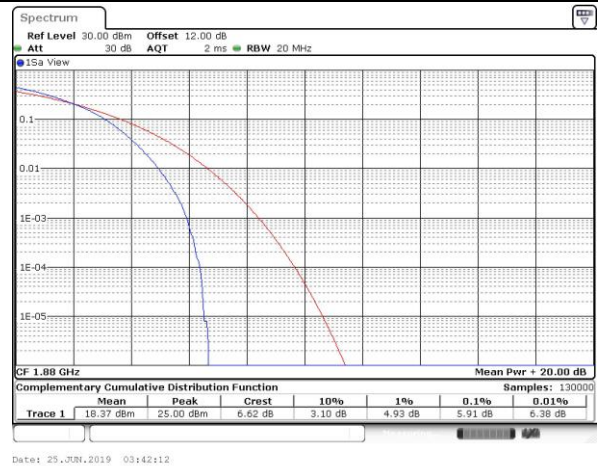
Lowest Channel / Full RB



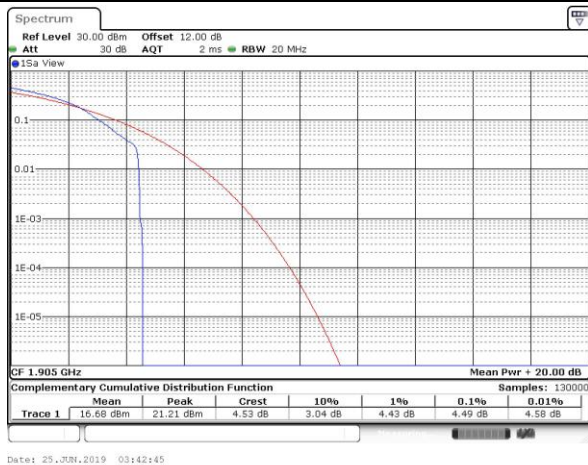
Middle Channel / 1RB



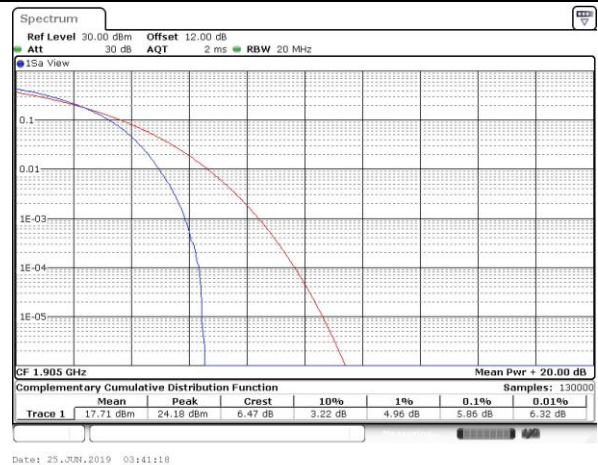
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



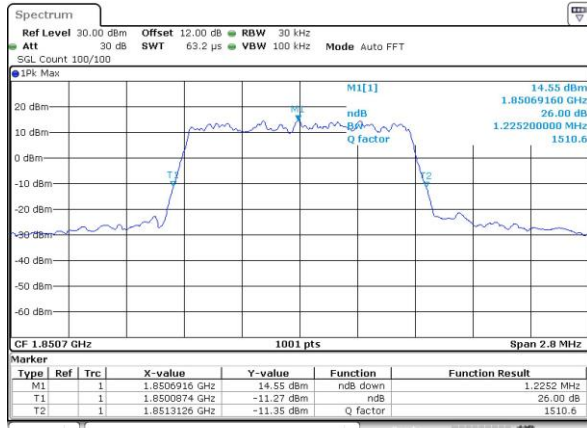
**26dB Bandwidth**

Mode BW Mod.	LTE Band 25 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.22	1.23	2.94	3.02	4.91	4.87	9.93	9.81	14.44	14.32	18.9	18.9
Middle CH	1.23	1.21	3.01	3.02	4.9	4.92	9.77	9.75	14.53	14.41	18.98	18.98
Highest CH	1.23	1.21	3.05	3.05	4.88	4.88	9.71	9.83	14.23	14.17	18.94	18.66



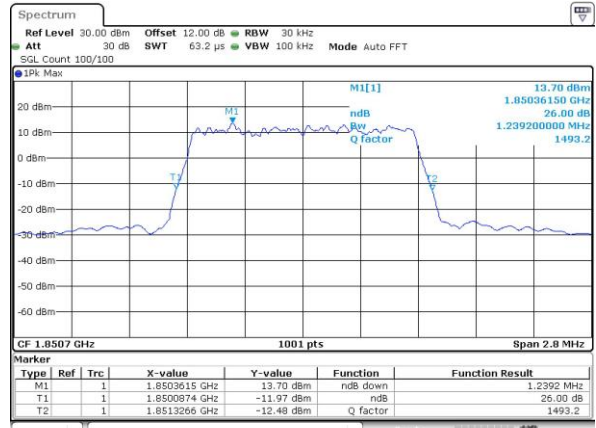
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



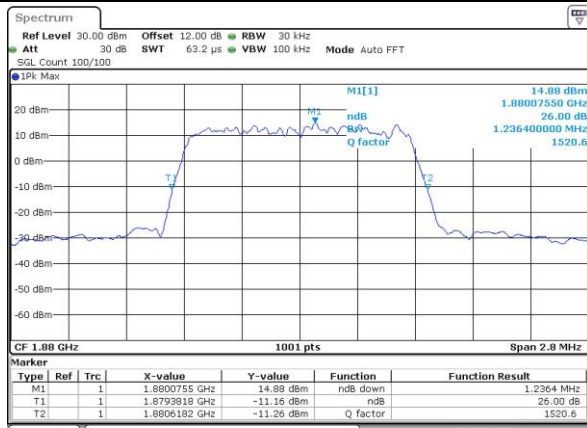
Date: 28 JUN 2019 06:10:53

Lowest Channel / 1.4MHz / 16QAM



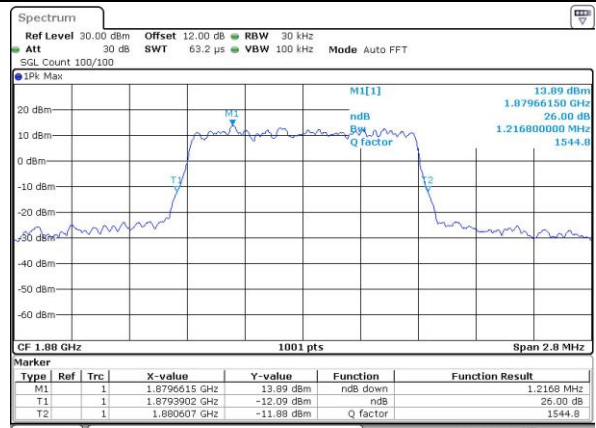
Date: 28 JUN 2019 06:11:04

Middle Channel / 1.4MHz / QPSK



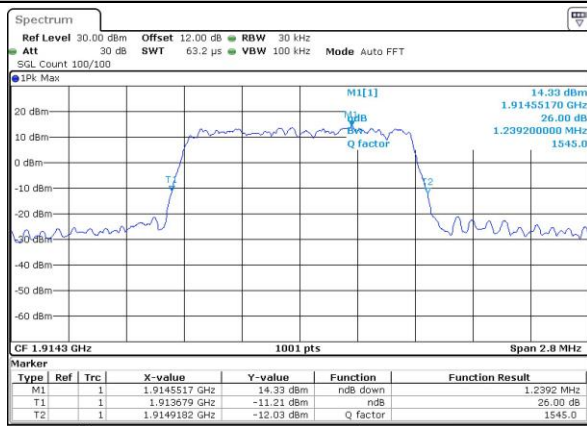
Date: 28 JUN 2019 06:11:38

Middle Channel / 1.4MHz / 16QAM



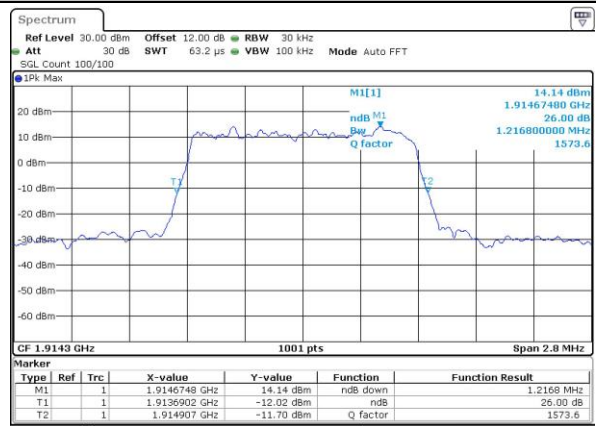
Date: 28 JUN 2019 06:11:50

Highest Channel / 1.4MHz / QPSK



Date: 28 JUN 2019 06:12:13

Highest Channel / 1.4MHz / 16QAM

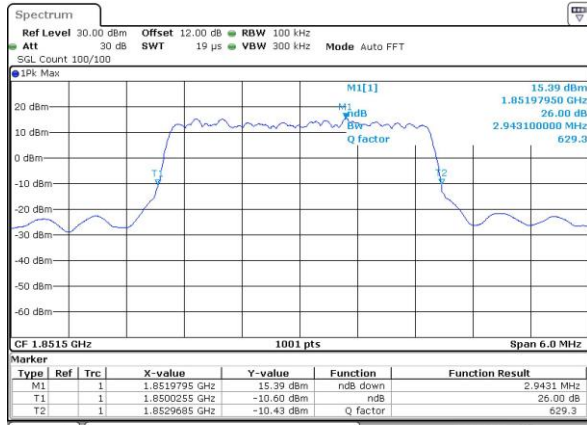


Date: 28 JUN 2019 06:12:02



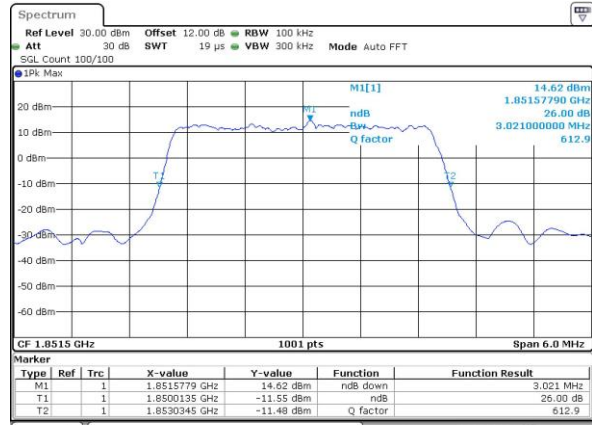
LTE Band 25

Lowest Channel / 3MHz / QPSK



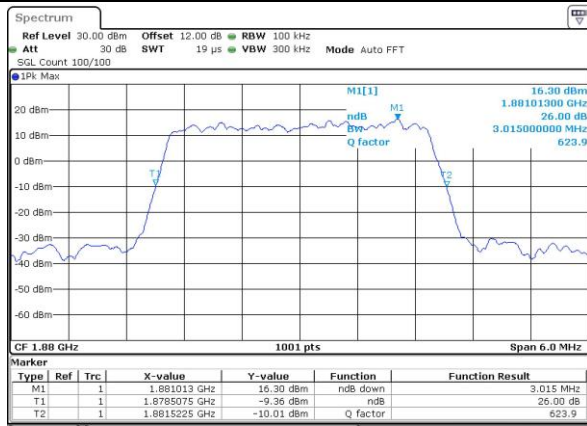
Date: 28 JUN 2019 06:12:48

Lowest Channel / 3MHz / 16QAM



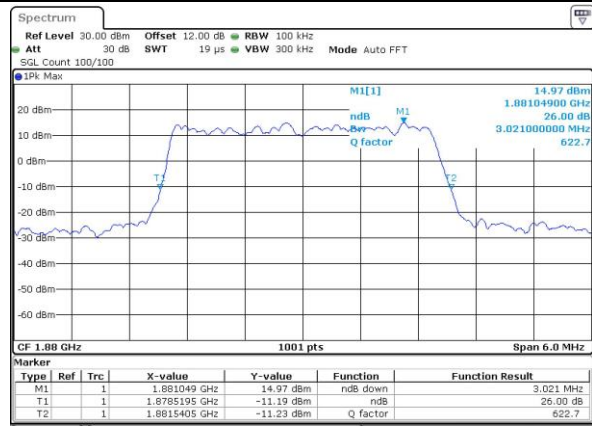
Date: 28 JUN 2019 06:12:59

Middle Channel / 3MHz / QPSK



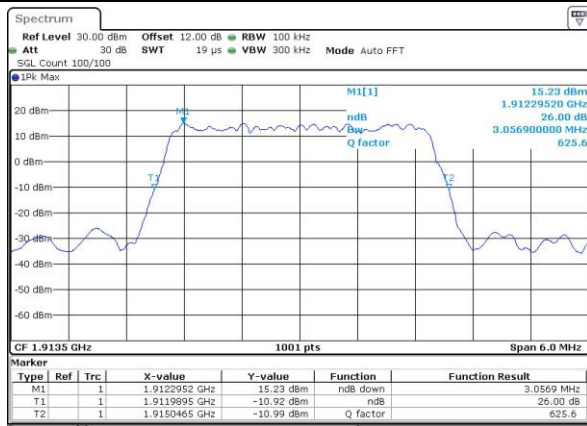
Date: 28 JUN 2019 06:13:34

Middle Channel / 3MHz / 16QAM



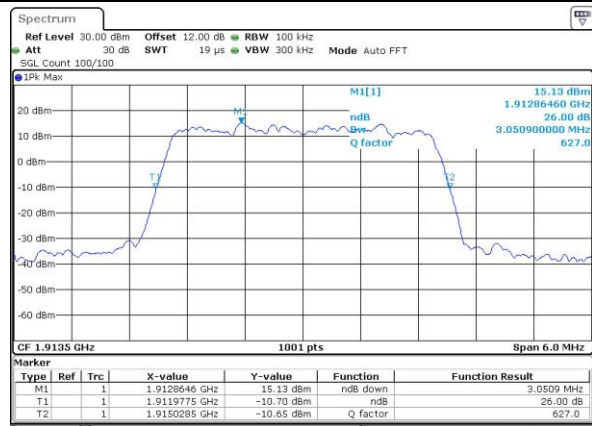
Date: 28 JUN 2019 06:13:45

Highest Channel / 3MHz / QPSK



Date: 28 JUN 2019 06:14:31

Highest Channel / 3MHz / 16QAM

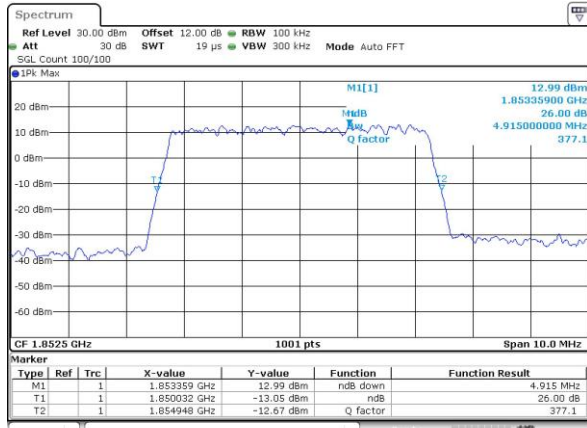


Date: 28 JUN 2019 06:14:20

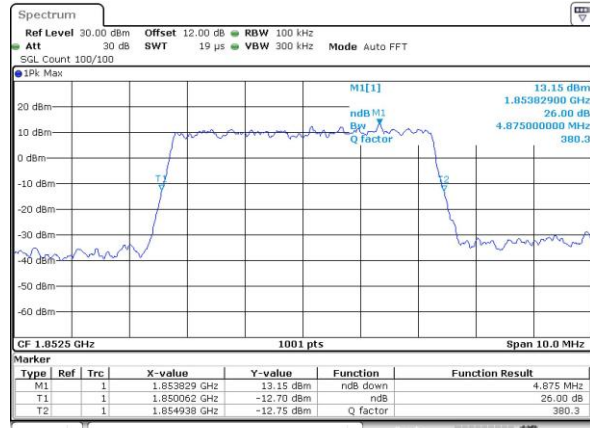


LTE Band 25

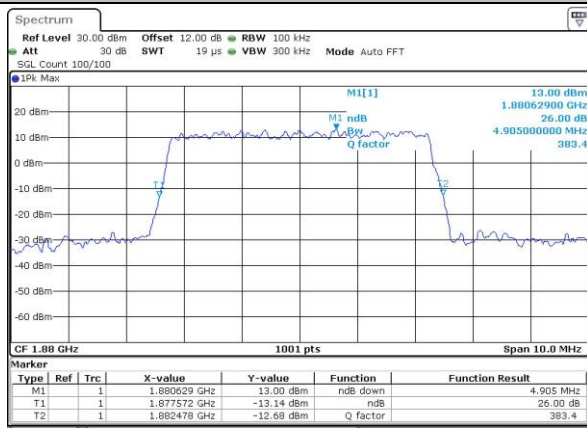
Lowest Channel / 5MHz / QPSK



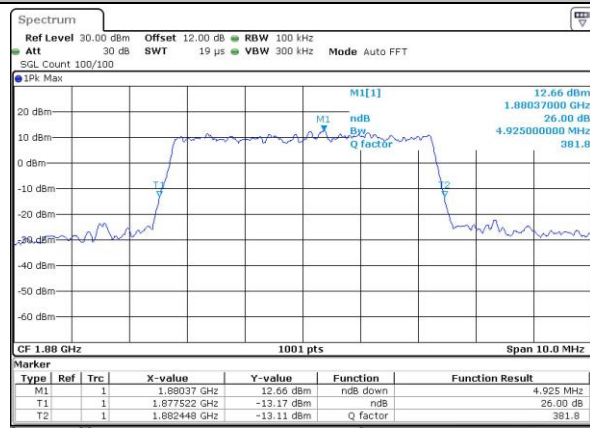
Lowest Channel / 5MHz / 16QAM



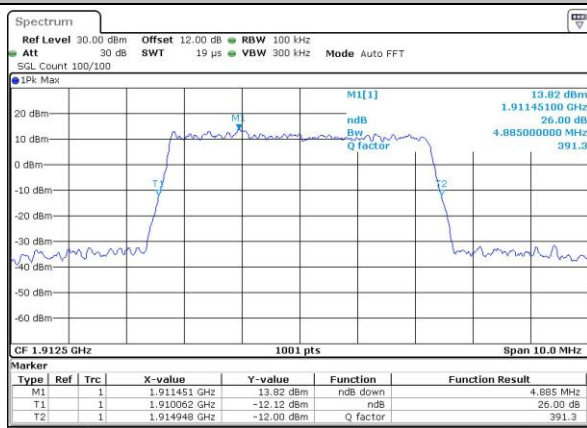
Middle Channel / 5MHz / QPSK



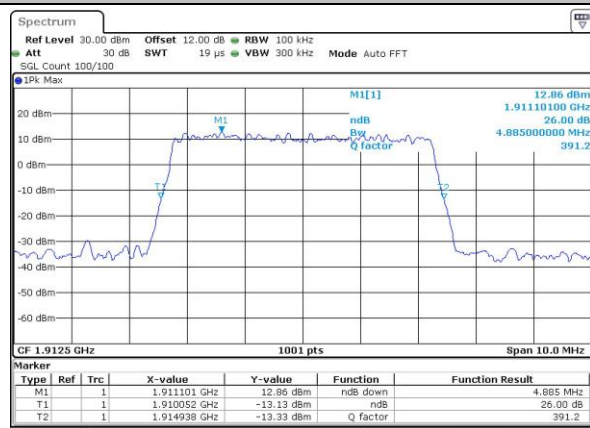
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



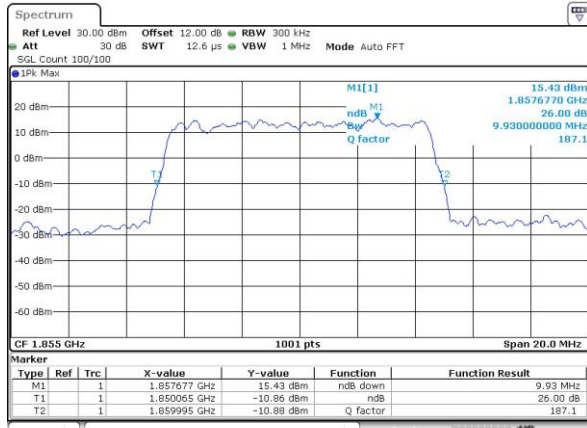
Highest Channel / 5MHz / 16QAM





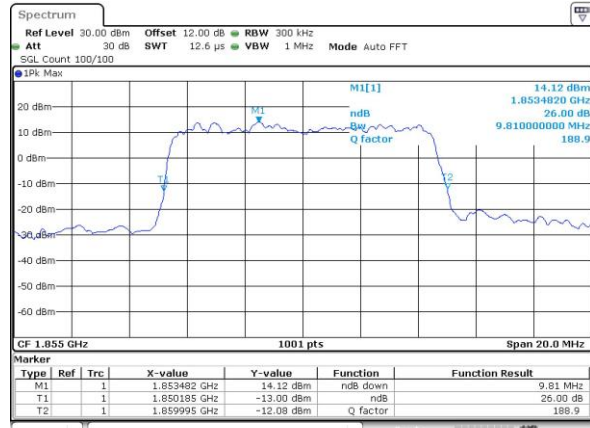
LTE Band 25

Lowest Channel / 10MHz / QPSK



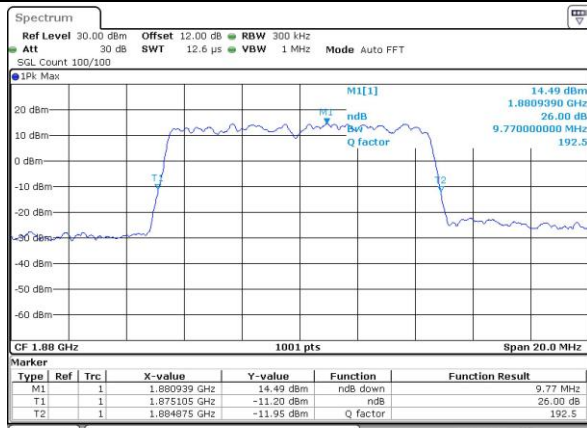
Date: 28 JUN 2019 06:17:24

Lowest Channel / 10MHz / 16QAM



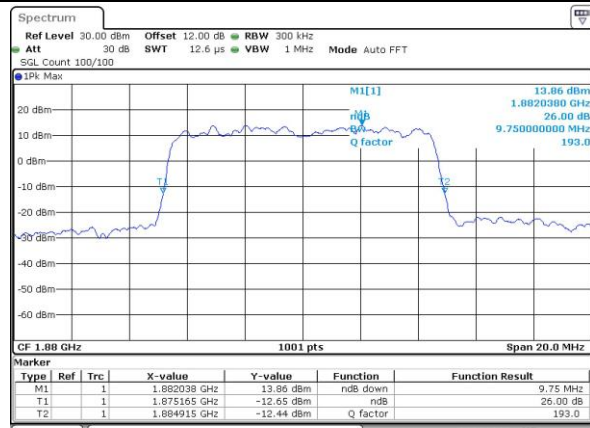
Date: 28 JUN 2019 06:17:36

Middle Channel / 10MHz / QPSK



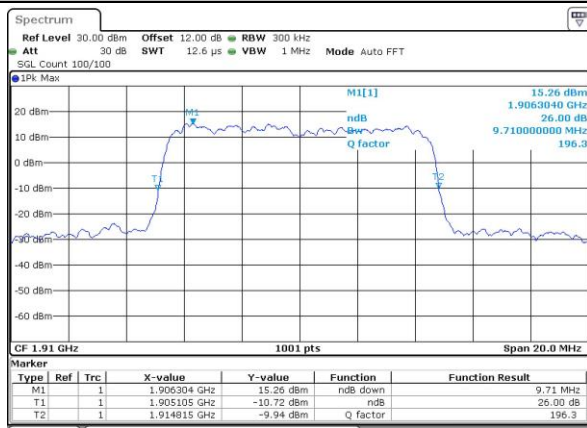
Date: 28 JUN 2019 06:18:10

Middle Channel / 10MHz / 16QAM



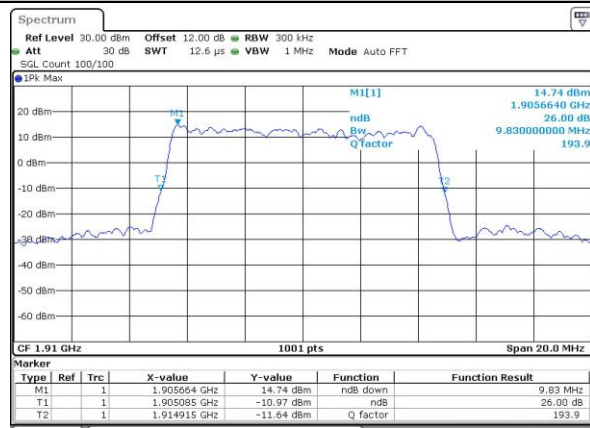
Date: 28 JUN 2019 06:18:21

Highest Channel / 10MHz / QPSK



Date: 28 JUN 2019 06:18:07

Highest Channel / 10MHz / 16QAM



Date: 28 JUN 2019 06:18:56