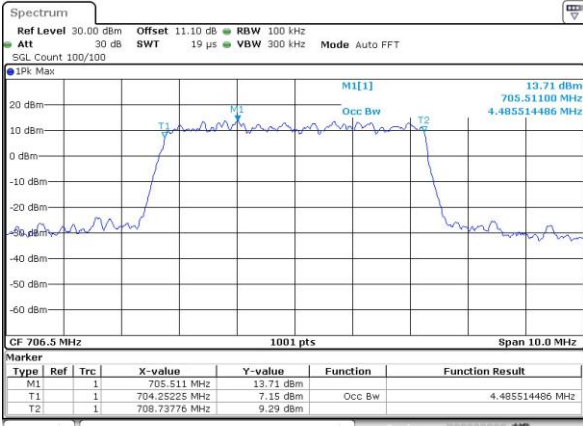




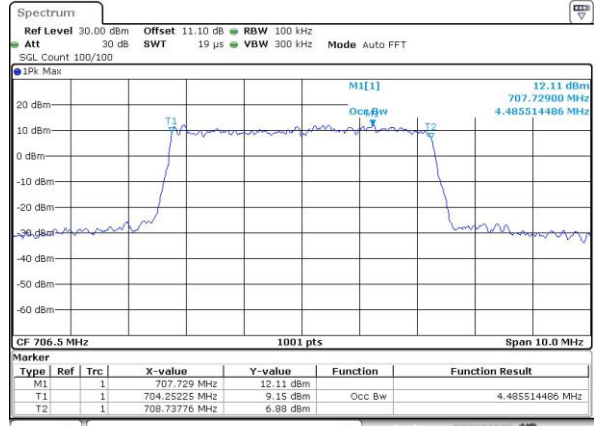
LTE Band 17

Lowest Channel / 5MHz / QPSK



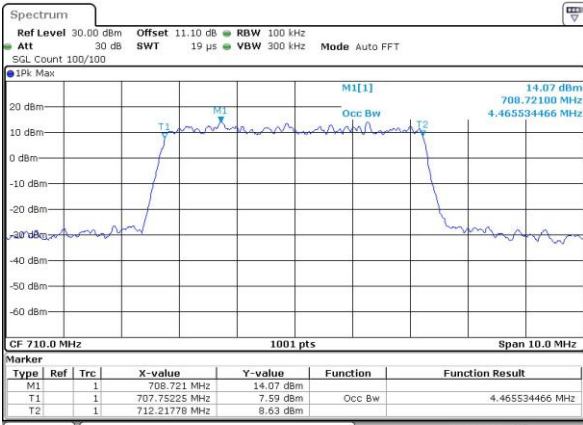
Date: 28 JUN 2019 06:06:24

Lowest Channel / 5MHz / 16QAM



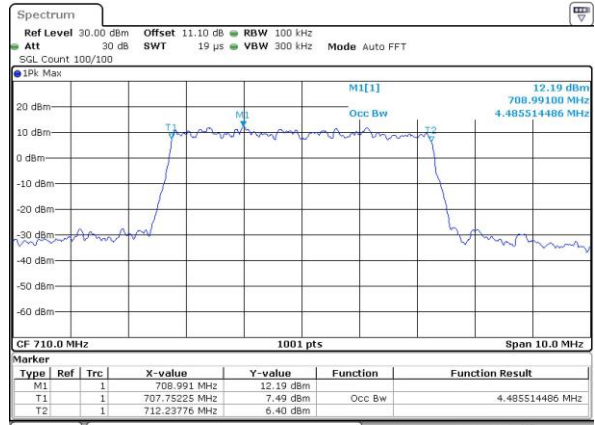
Date: 28 JUN 2019 06:06:36

Middle Channel / 5MHz / QPSK



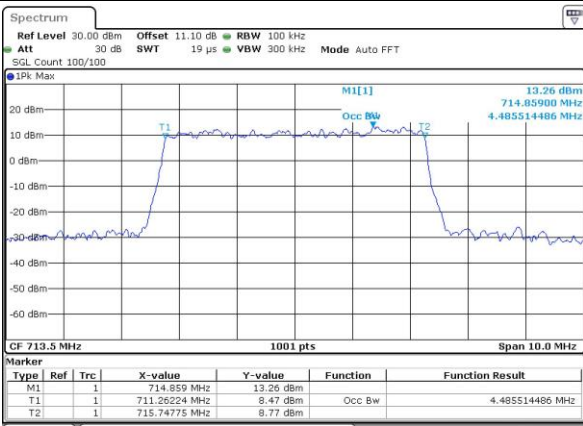
Date: 28 JUN 2019 06:06:48

Middle Channel / 5MHz / 16QAM



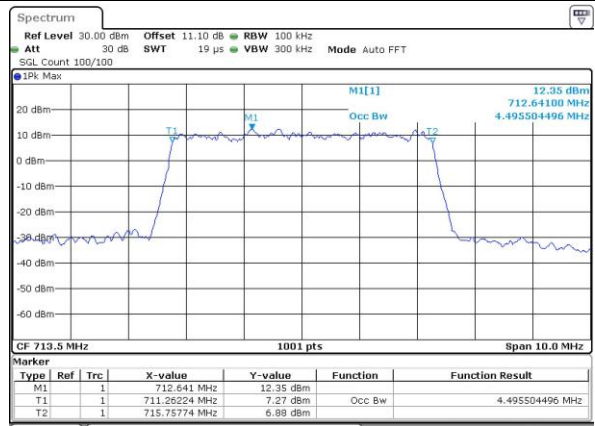
Date: 28 JUN 2019 06:06:59

Highest Channel / 5MHz / QPSK



Date: 28 JUN 2019 06:07:11

Highest Channel / 5MHz / 16QAM

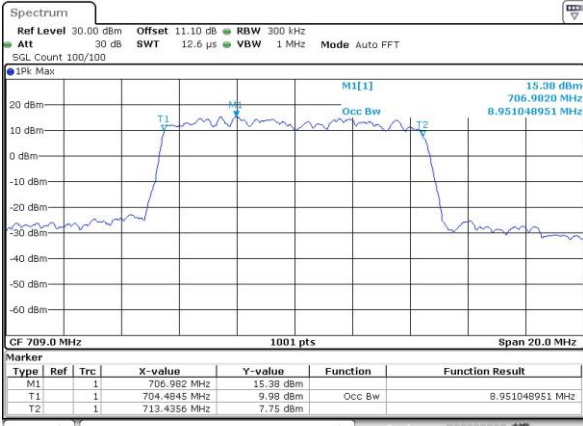


Date: 28 JUN 2019 06:07:22



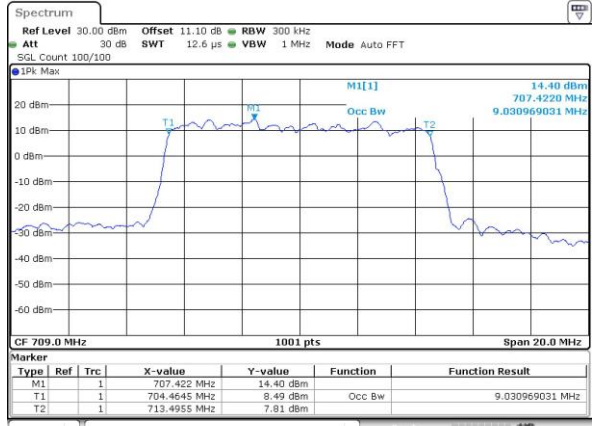
LTE Band 17

Lowest Channel / 10MHz / QPSK



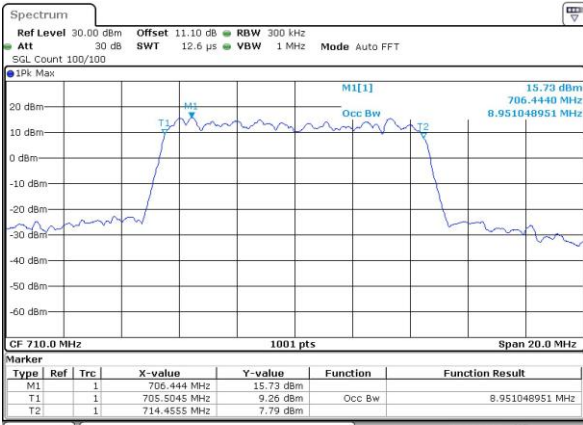
Date: 28 JUN 2019 06:07:34

Lowest Channel / 10MHz / 16QAM



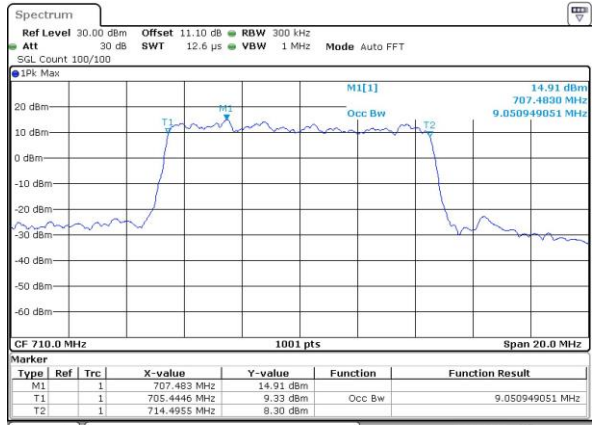
Date: 28 JUN 2019 06:07:45

Middle Channel / 10MHz / QPSK



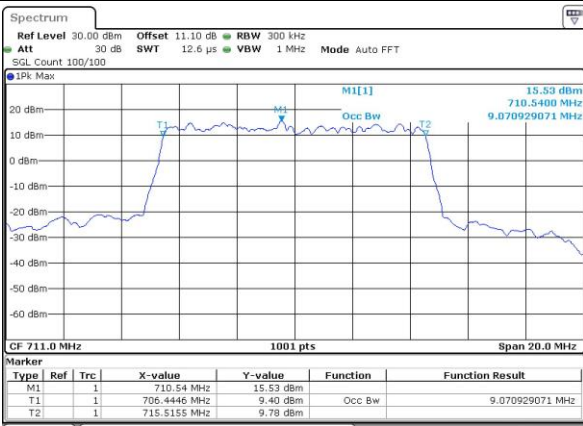
Date: 28 JUN 2019 06:07:57

Middle Channel / 10MHz / 16QAM



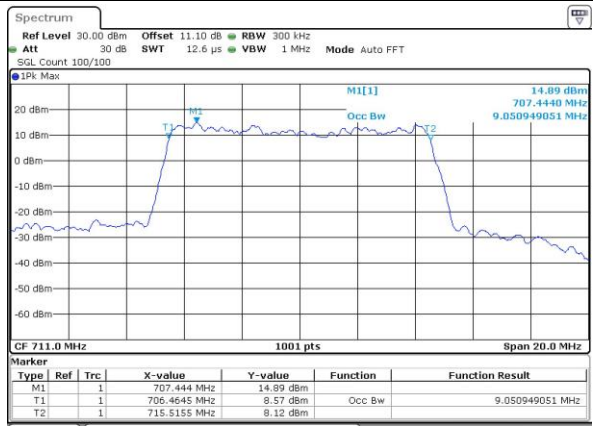
Date: 28 JUN 2019 06:08:08

Highest Channel / 10MHz / QPSK



Date: 28 JUN 2019 06:08:20

Highest Channel / 10MHz / 16QAM



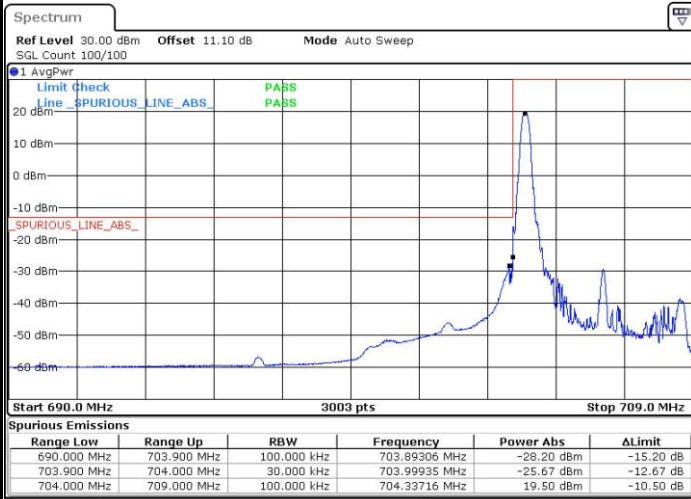
Date: 28 JUN 2019 06:08:31



Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

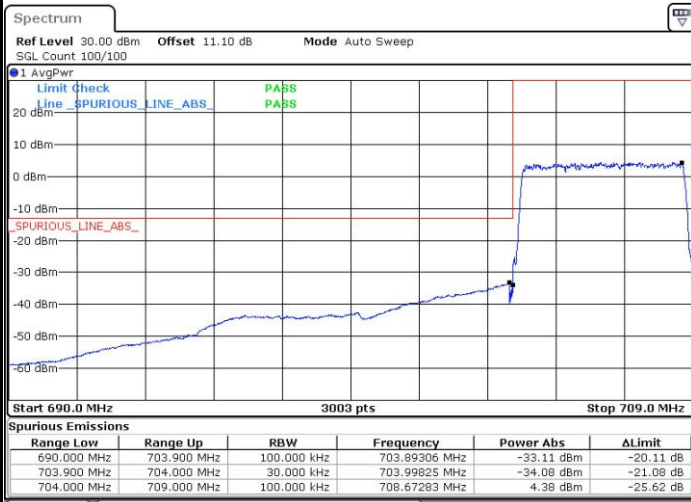
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



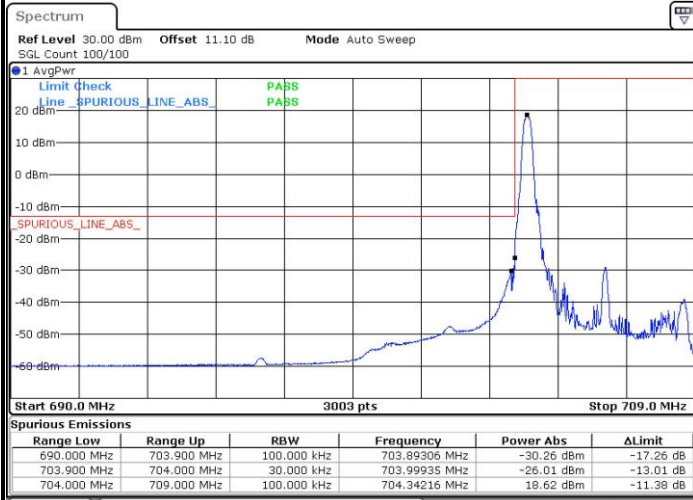
Highest Band Edge / Full RB





LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 25 JUN.2019 00:11:11

Highest Band Edge / 1 RB



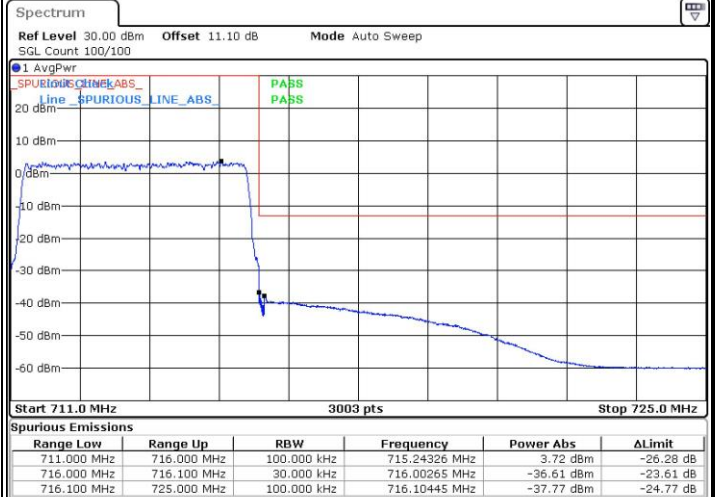
Date: 25 JUN.2019 00:20:29

Lowest Band Edge / Full RB



Date: 25 JUN.2019 00:12:59

Highest Band Edge / Full RB

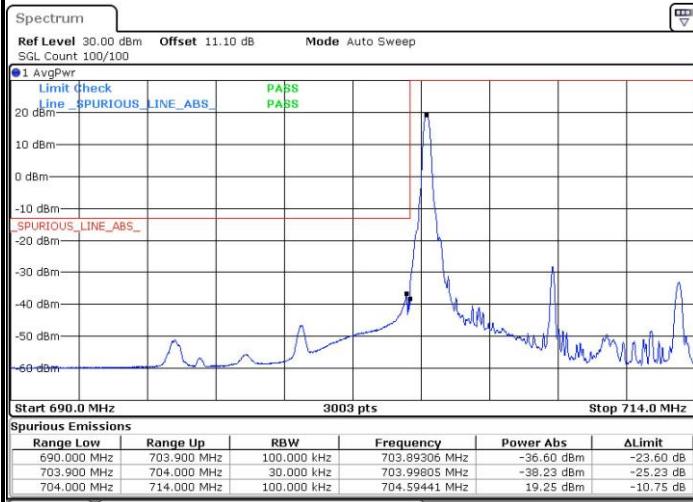


Date: 25 JUN.2019 00:22:17



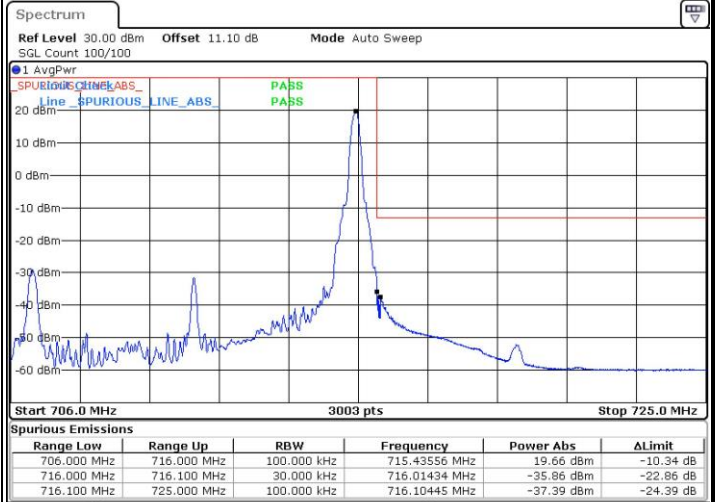
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



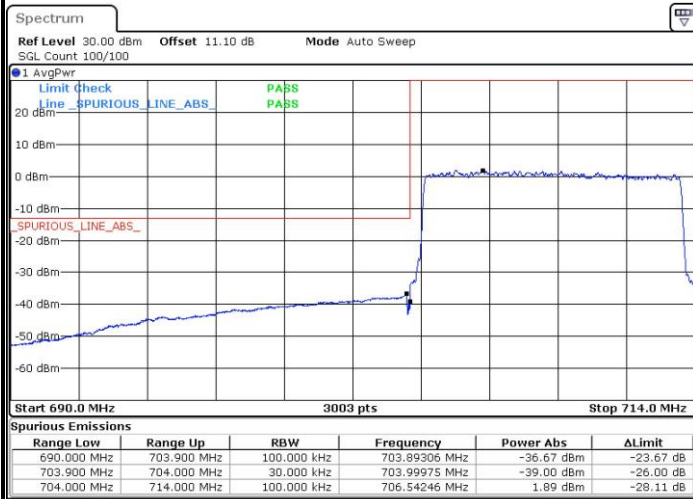
Date: 25 JUN.2019 00:26:01

Highest Band Edge / 1 RB



Date: 25 JUN.2019 00:35:19

Lowest Band Edge / Full RB



Date: 25 JUN.2019 00:27:49

Highest Band Edge / Full RB

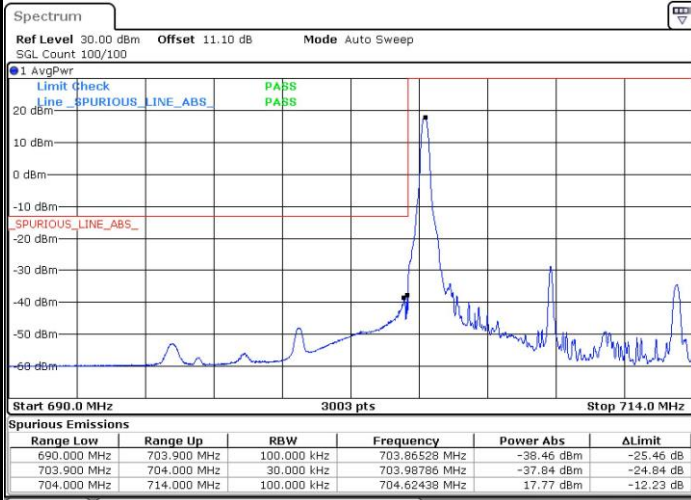


Date: 25 JUN.2019 00:37:07



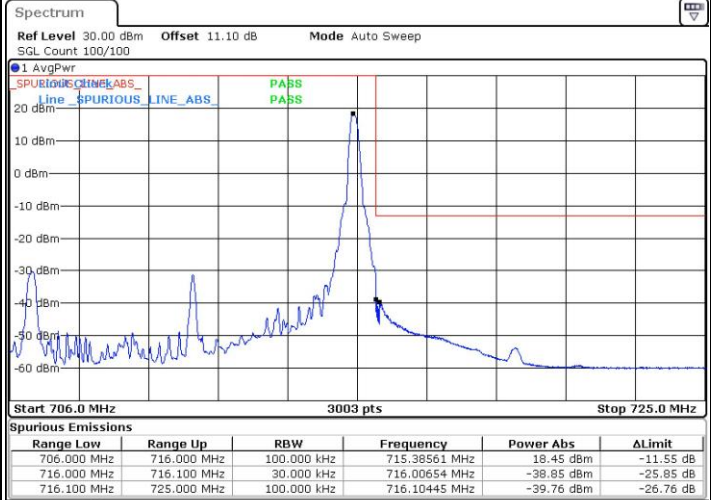
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



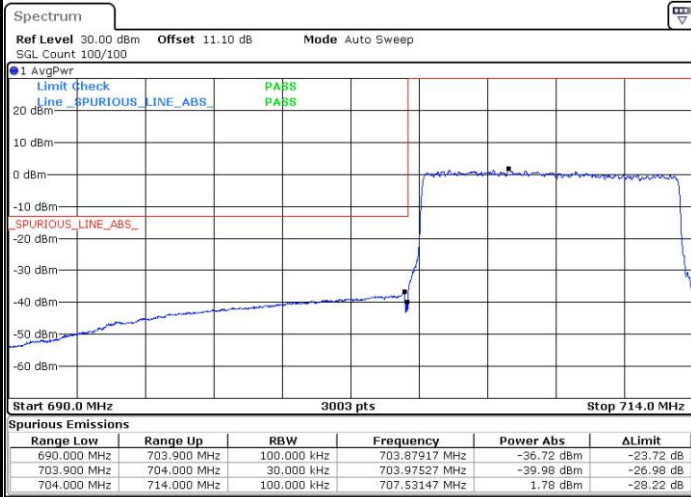
Date: 25 JUN.2019 00:26:55

Highest Band Edge / 1 RB



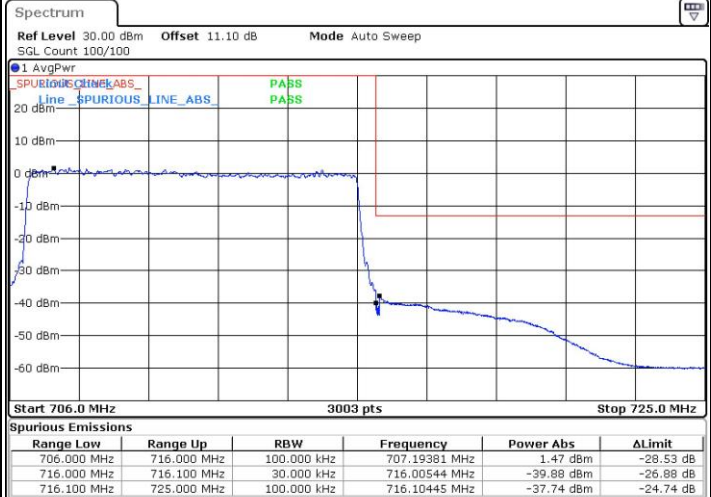
Date: 25 JUN.2019 00:36:13

Lowest Band Edge / Full RB



Date: 25 JUN.2019 00:28:43

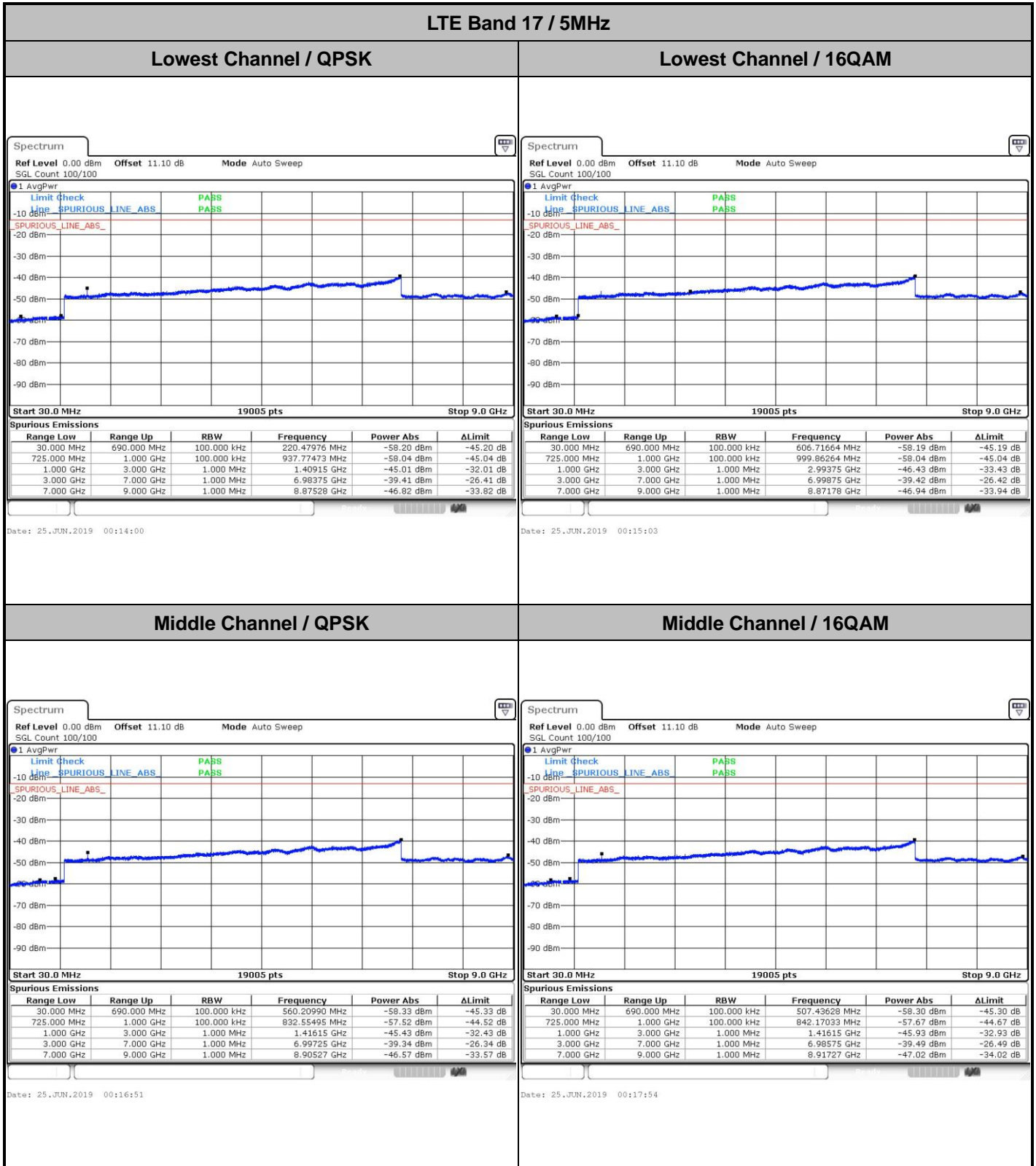
Highest Band Edge / Full RB



Date: 25 JUN.2019 00:38:01



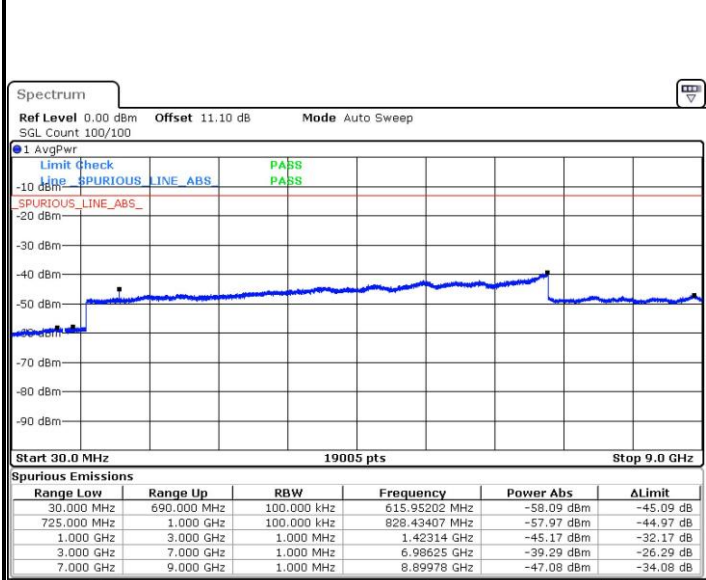
Conducted Spurious Emission





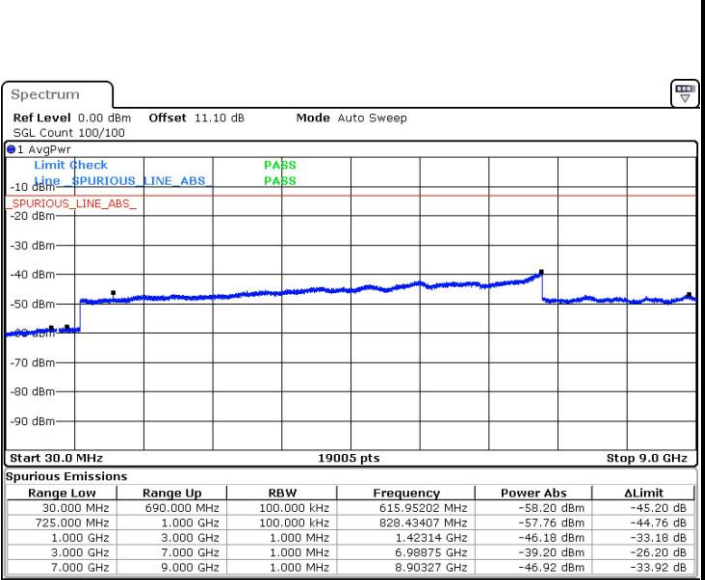
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 25 JUN.2019 00:23:18

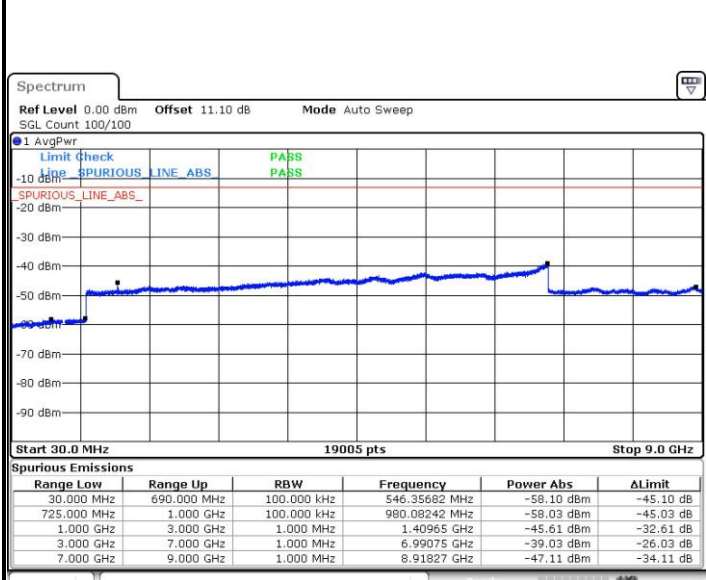
Highest Channel / 16QAM



Date: 25 JUN.2019 00:24:20

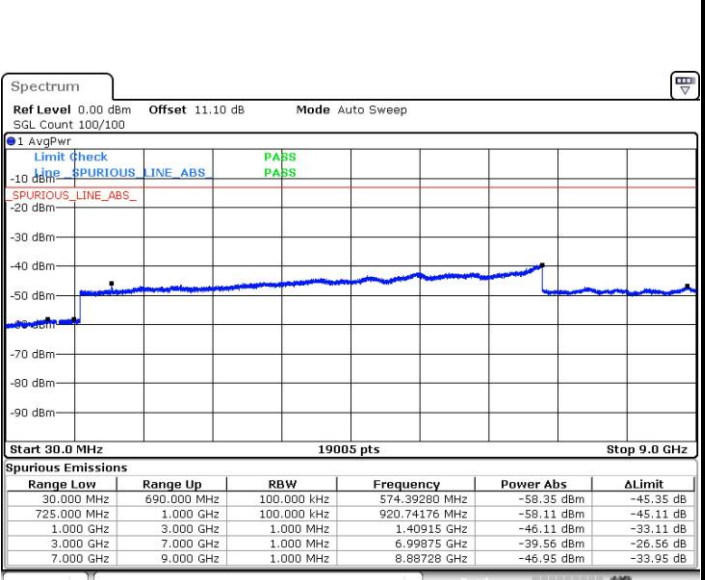
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 25 JUN.2019 00:29:44

Lowest Channel / 16QAM



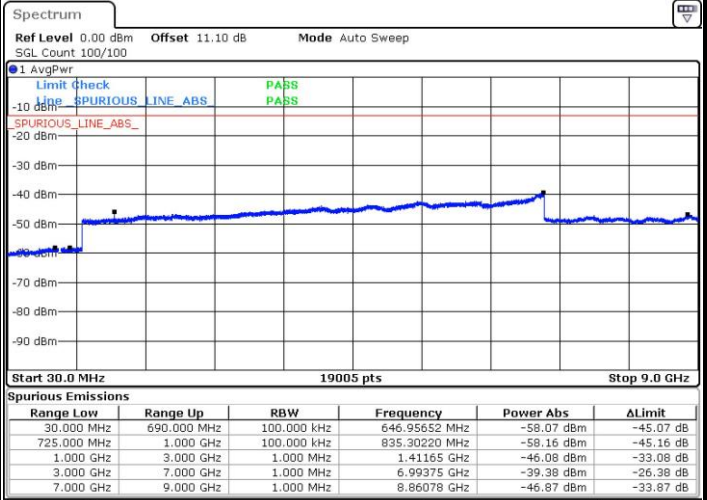
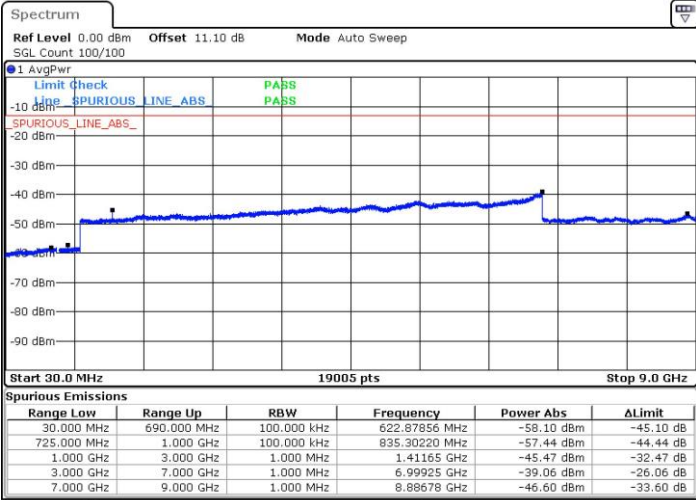
Date: 25 JUN.2019 00:30:47



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

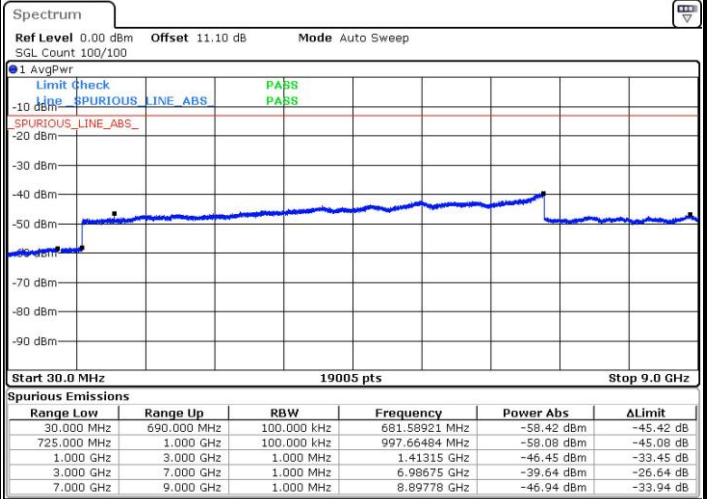


Date: 25 JUN.2019 00:32:35

Date: 25 JUN.2019 00:33:38

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25 JUN.2019 00:39:02

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

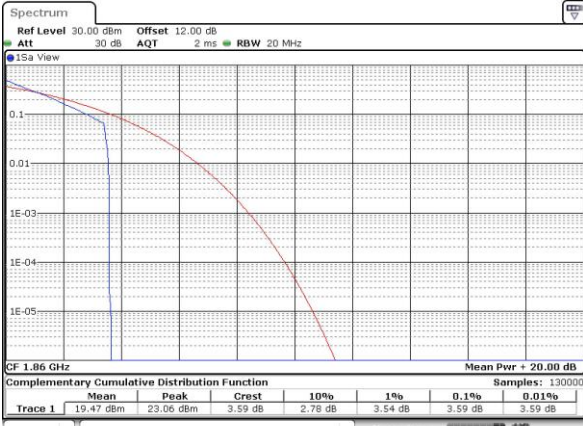
Peak-to-Average Ratio

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	



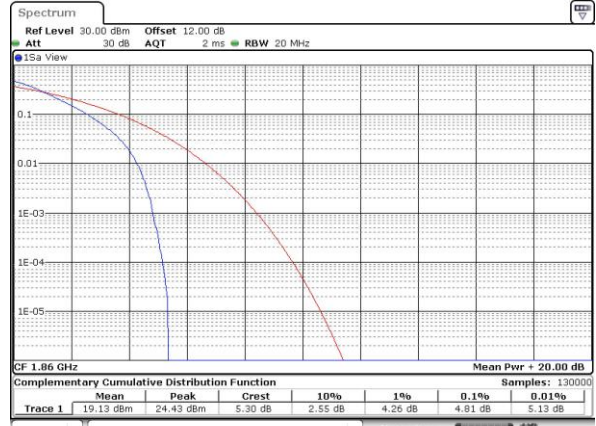
LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



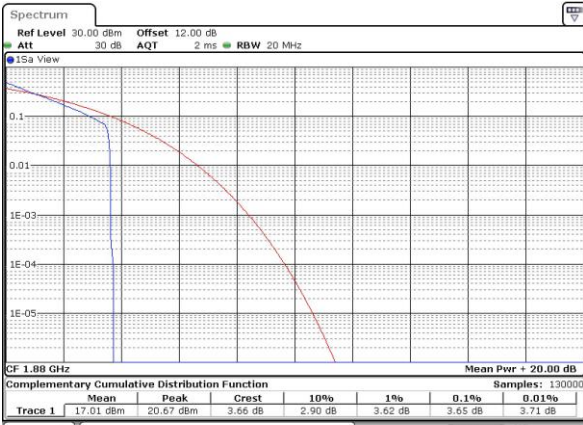
Date: 25 JUN 2019 03:39:49

Lowest Channel / Full RB



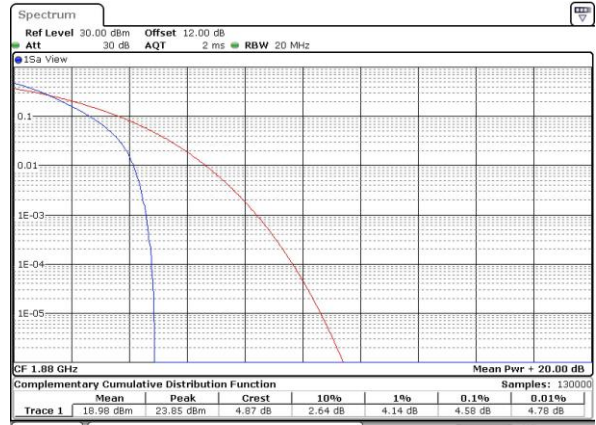
Date: 25 JUN 2019 03:40:01

Middle Channel / 1RB



Date: 25 JUN 2019 03:42:23

Middle Channel / Full RB



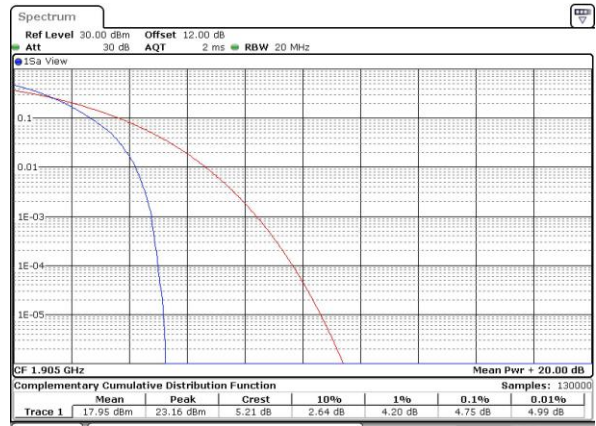
Date: 25 JUN 2019 03:42:34

Highest Channel / 1RB



Date: 25 JUN 2019 03:41:29

Highest Channel / Full RB

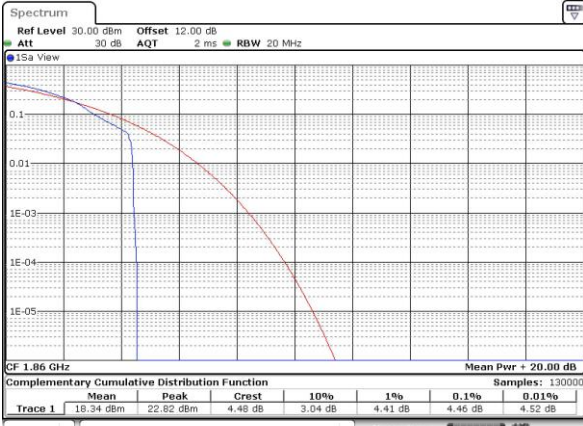


Date: 25 JUN 2019 03:41:40



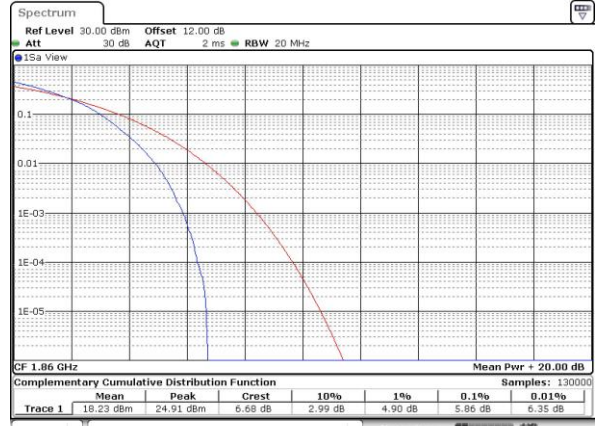
LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



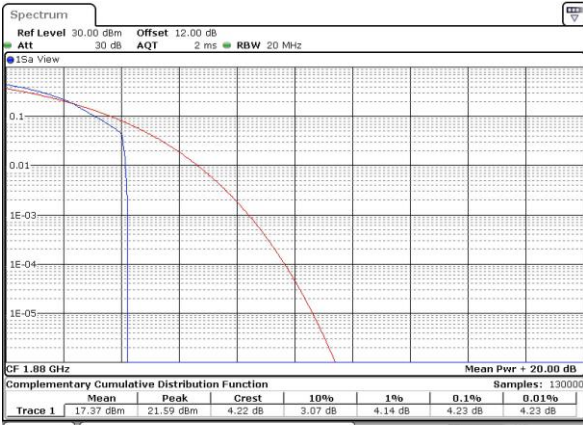
Date: 25 JUN 2019 03:39:25

Lowest Channel / Full RB



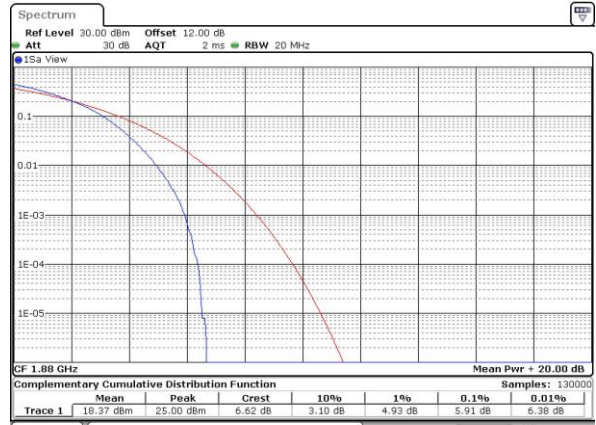
Date: 25 JUN 2019 03:39:37

Middle Channel / 1RB



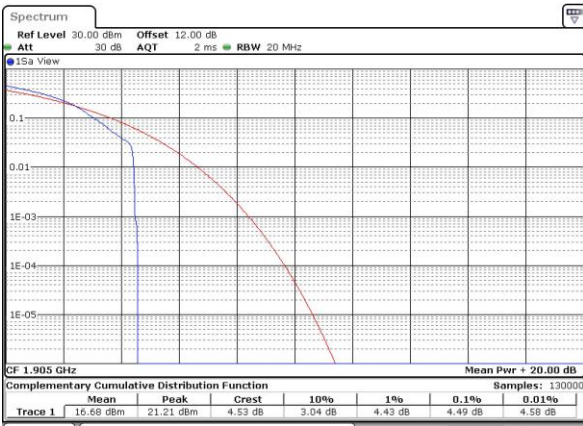
Date: 25 JUN 2019 03:40:13

Middle Channel / Full RB



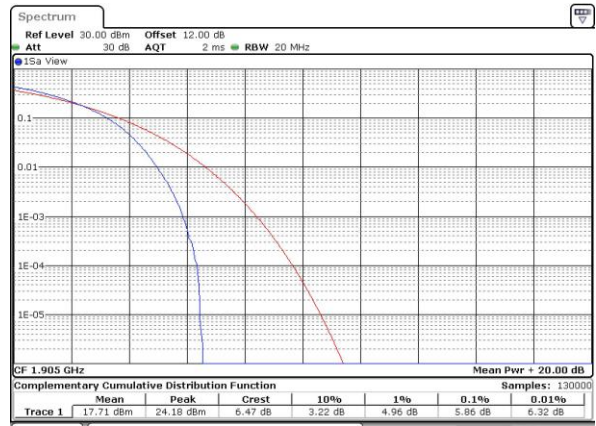
Date: 25 JUN 2019 03:42:12

Highest Channel / 1RB



Date: 25 JUN 2019 03:42:45

Highest Channel / Full RB



Date: 25 JUN 2019 03:44:18



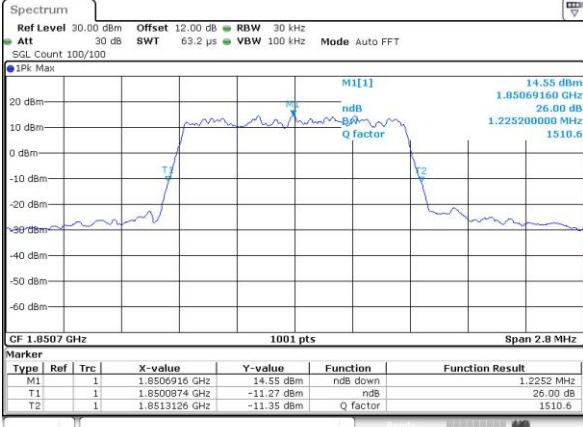
26dB Bandwidth

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



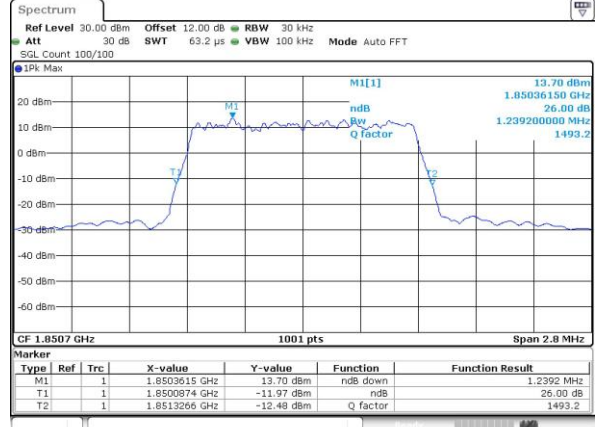
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



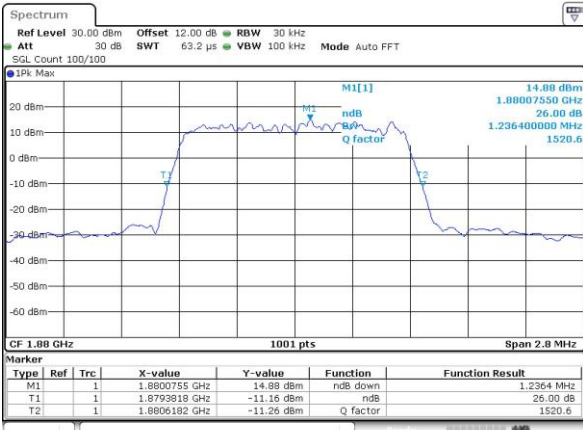
Date: 28 JUN 2019 06:10:53

Lowest Channel / 1.4MHz / 16QAM



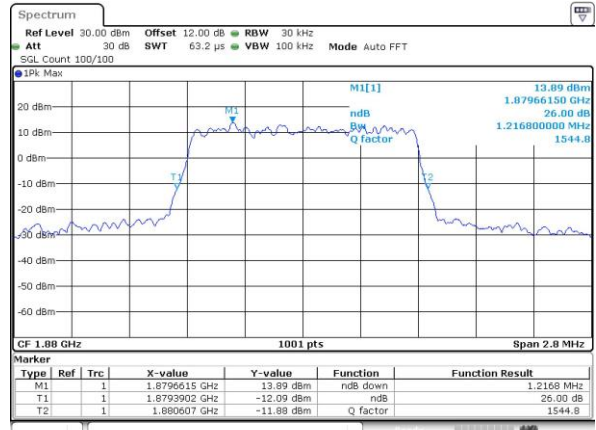
Date: 28 JUN 2019 06:11:04

Middle Channel / 1.4MHz / QPSK



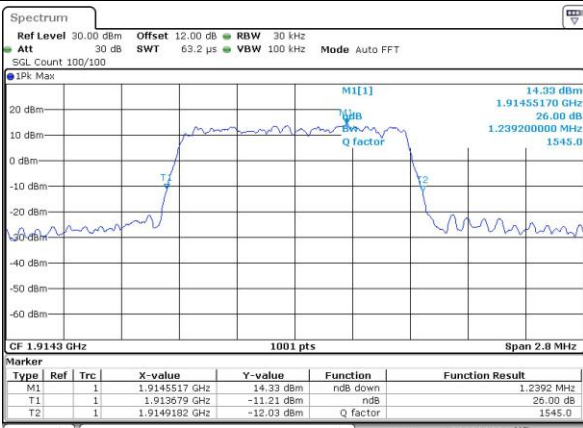
Date: 28 JUN 2019 06:11:39

Middle Channel / 1.4MHz / 16QAM



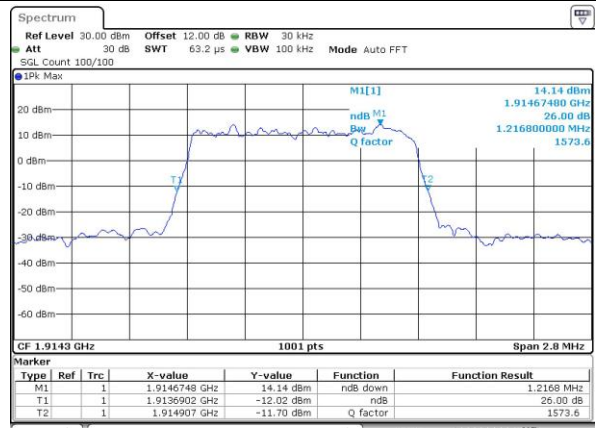
Date: 28 JUN 2019 06:11:50

Highest Channel / 1.4MHz / QPSK



Date: 28 JUN 2019 06:12:13

Highest Channel / 1.4MHz / 16QAM

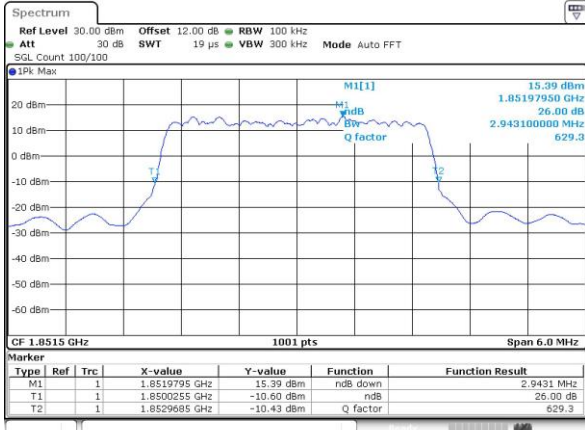


Date: 28 JUN 2019 06:12:02



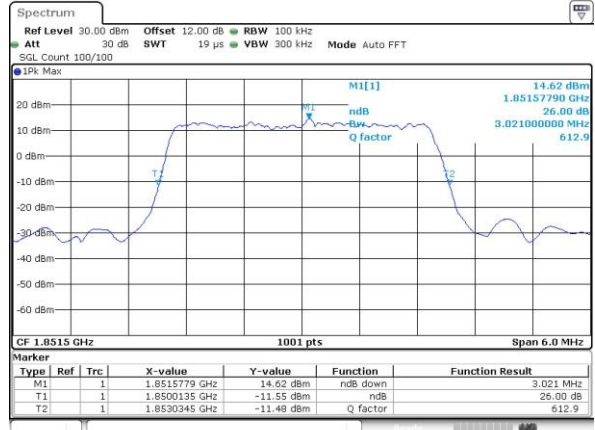
LTE Band 25

Lowest Channel / 3MHz / QPSK



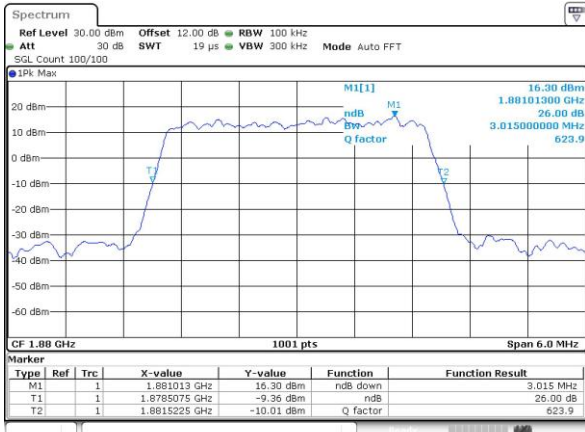
Date: 28 JUN 2019 06:12:48

Lowest Channel / 3MHz / 16QAM



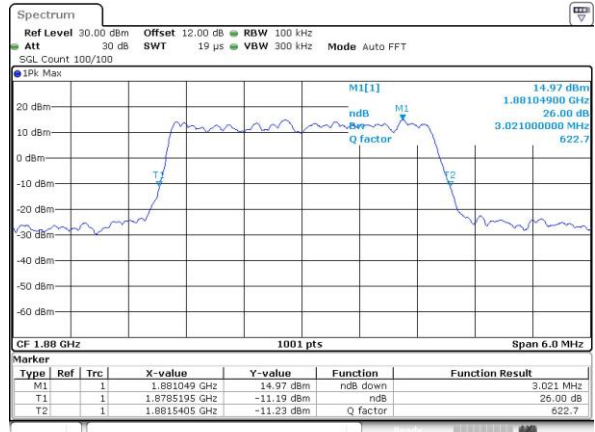
Date: 28 JUN 2019 06:12:59

Middle Channel / 3MHz / QPSK



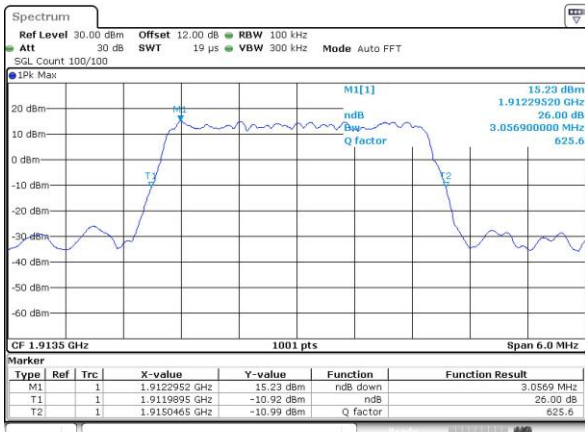
Date: 28 JUN 2019 06:13:34

Middle Channel / 3MHz / 16QAM



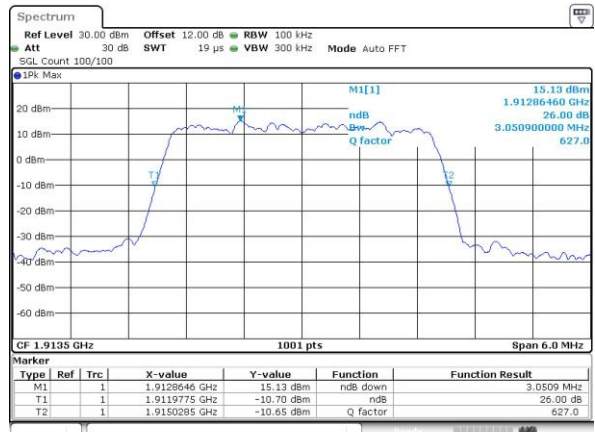
Date: 28 JUN 2019 06:13:45

Highest Channel / 3MHz / QPSK



Date: 28 JUN 2019 06:14:31

Highest Channel / 3MHz / 16QAM

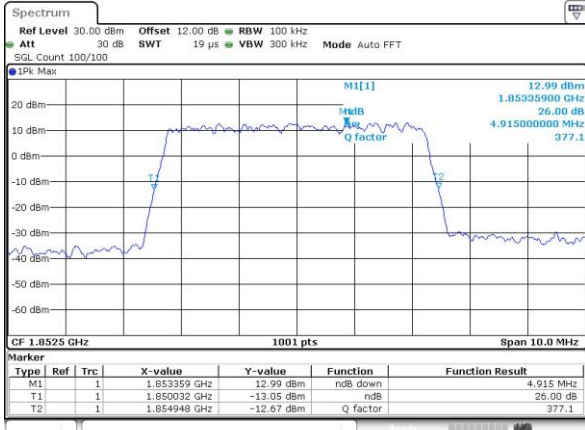


Date: 28 JUN 2019 06:14:20



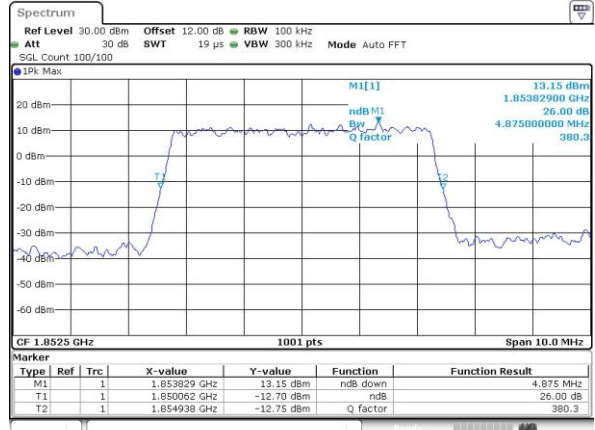
LTE Band 25

Lowest Channel / 5MHz / QPSK



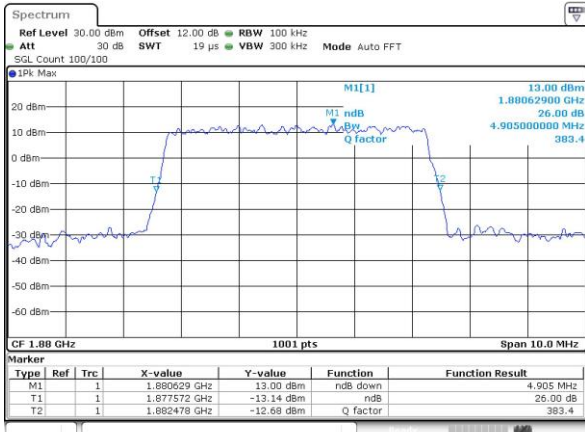
Date: 28 JUN 2019 06:15:06

Lowest Channel / 5MHz / 16QAM



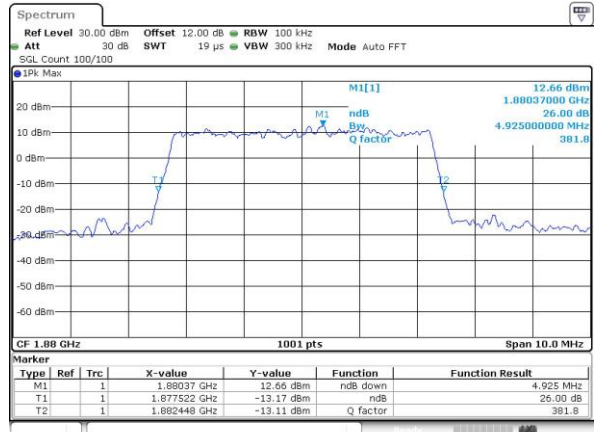
Date: 28 JUN 2019 06:15:17

Middle Channel / 5MHz / QPSK



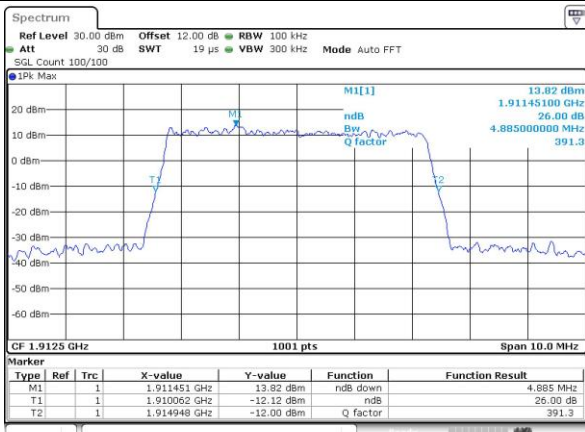
Date: 28 JUN 2019 06:15:52

Middle Channel / 5MHz / 16QAM



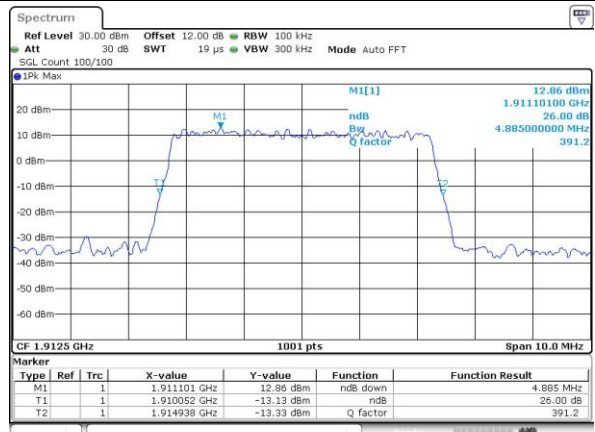
Date: 28 JUN 2019 06:16:03

Highest Channel / 5MHz / QPSK



Date: 28 JUN 2019 06:16:50

Highest Channel / 5MHz / 16QAM

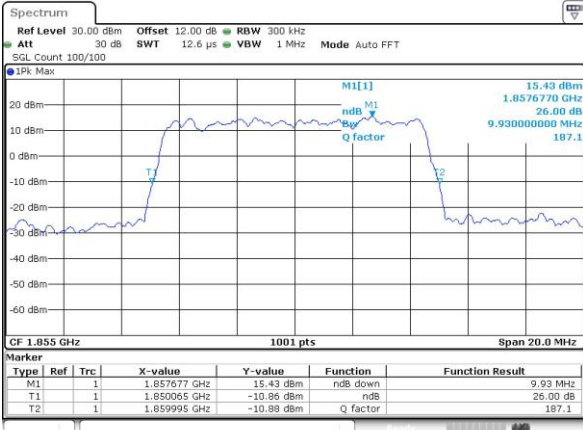


Date: 28 JUN 2019 06:16:38



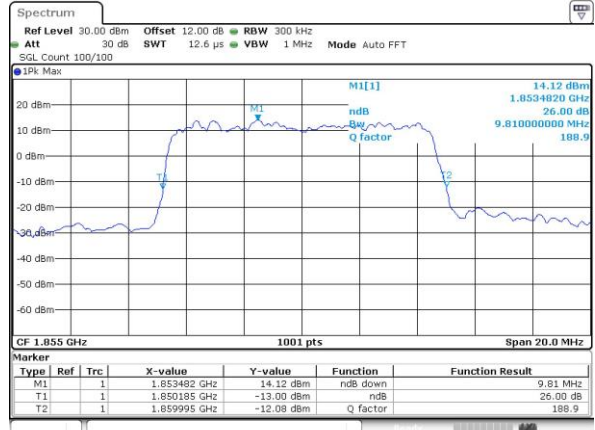
LTE Band 25

Lowest Channel / 10MHz / QPSK



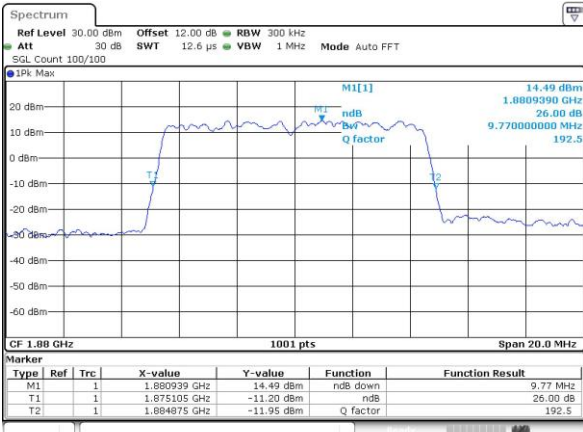
Date: 28 JUN 2019 06:17:24

Lowest Channel / 10MHz / 16QAM



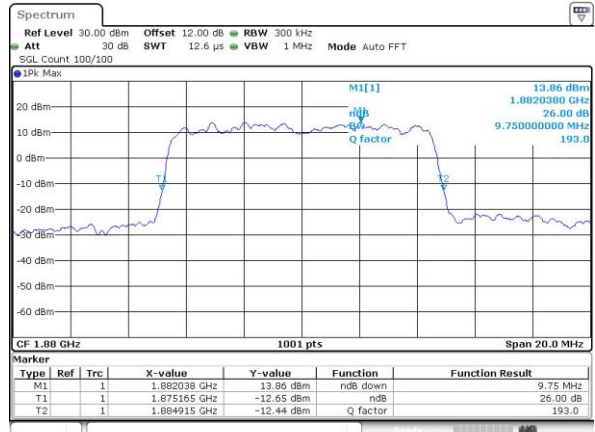
Date: 28 JUN 2019 06:17:36

Middle Channel / 10MHz / QPSK



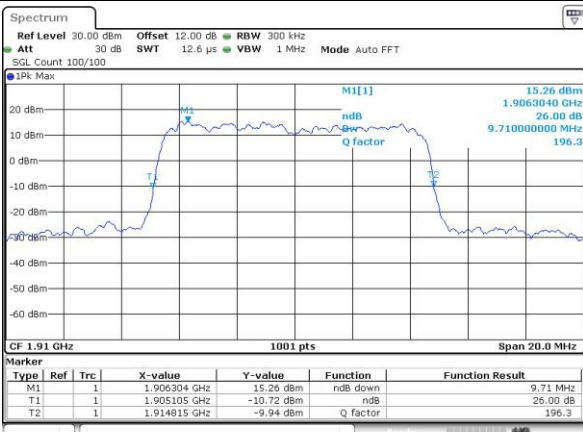
Date: 28 JUN 2019 06:18:10

Middle Channel / 10MHz / 16QAM



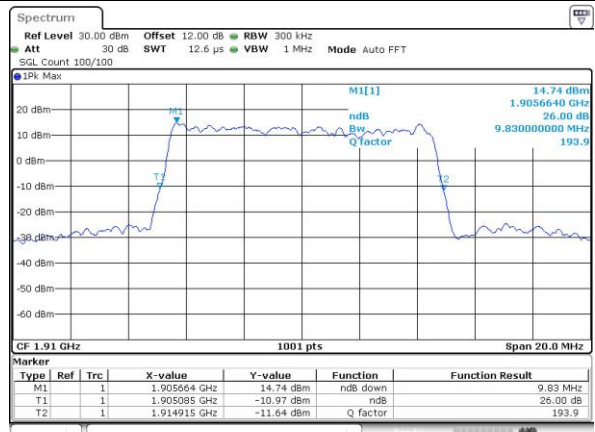
Date: 28 JUN 2019 06:18:21

Highest Channel / 10MHz / QPSK



Date: 28 JUN 2019 06:19:07

Highest Channel / 10MHz / 16QAM



Date: 28 JUN 2019 06:18:56