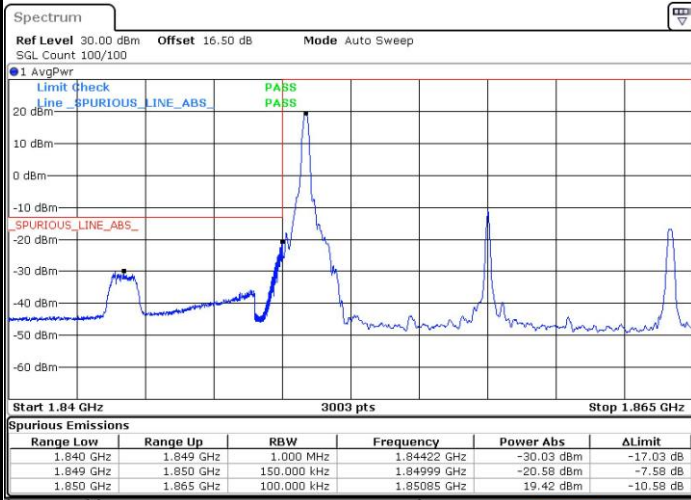




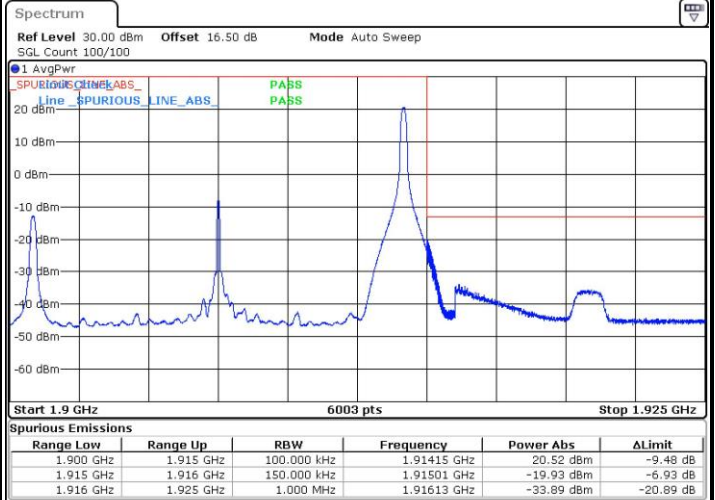
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB



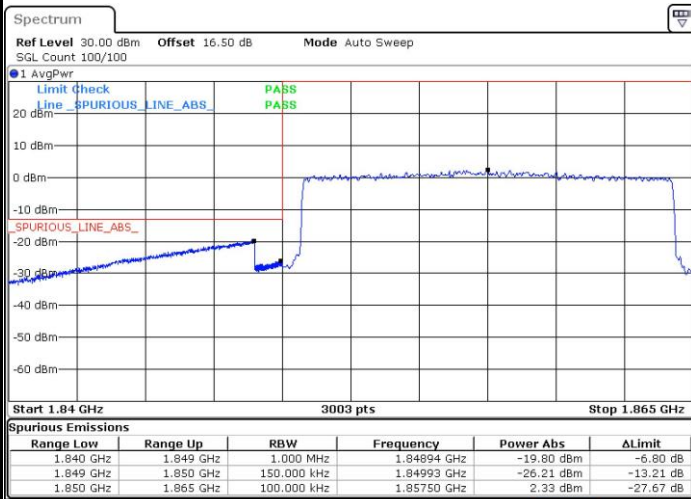
Date: 12 DEC 2018 14:12:56

Highest Band Edge / 1 RB



Date: 12 DEC 2018 15:14:40

Lowest Band Edge / Full RB



Date: 12 DEC 2018 14:13:56

Highest Band Edge / Full RB

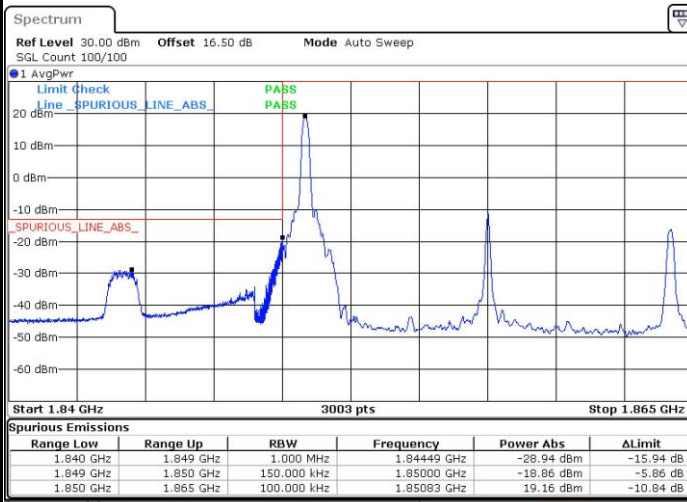


Date: 12 DEC 2018 18:11:45



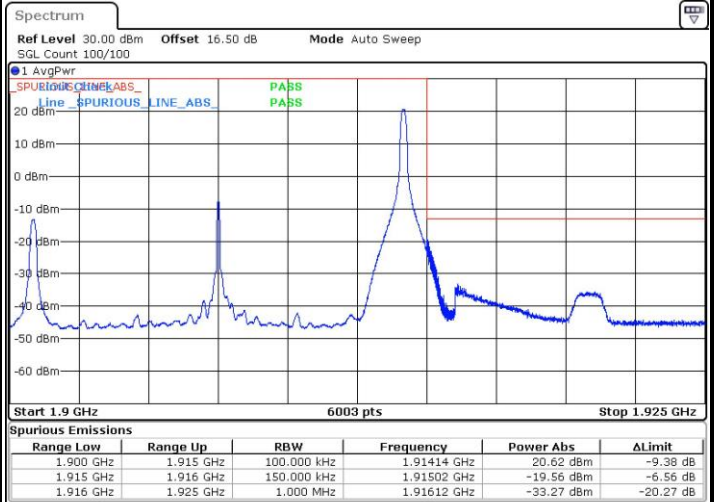
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



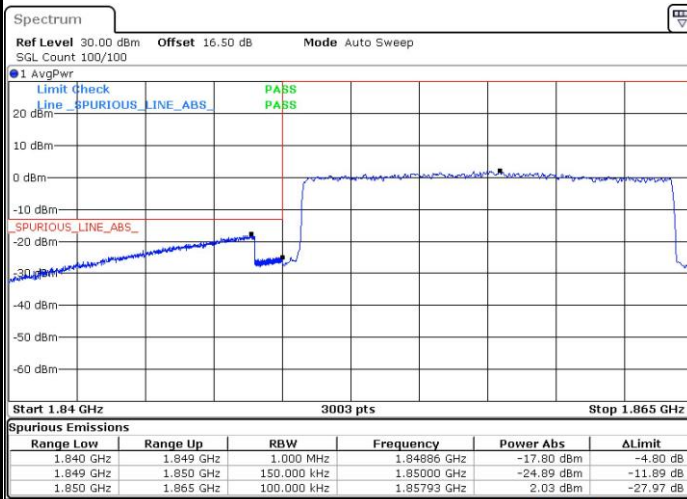
Date: 12 DEC 2018 14:13:26

Highest Band Edge / 1 RB



Date: 12 DEC 2018 15:13:54

Lowest Band Edge / Full RB



Date: 12 DEC 2018 14:14:26

Highest Band Edge / Full RB

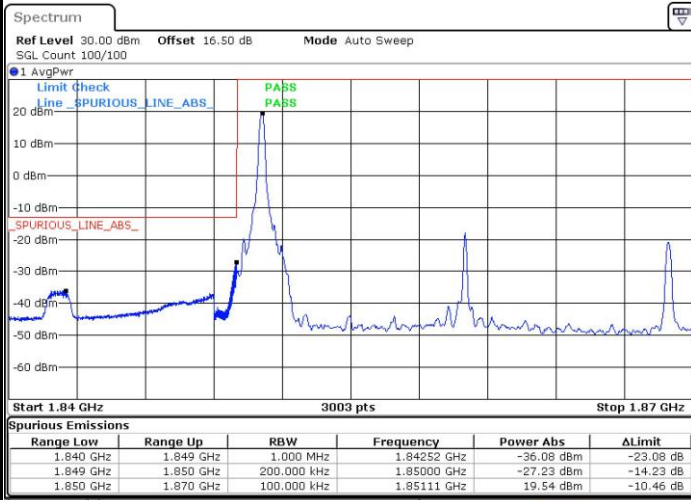


Date: 12 DEC 2018 15:13:09



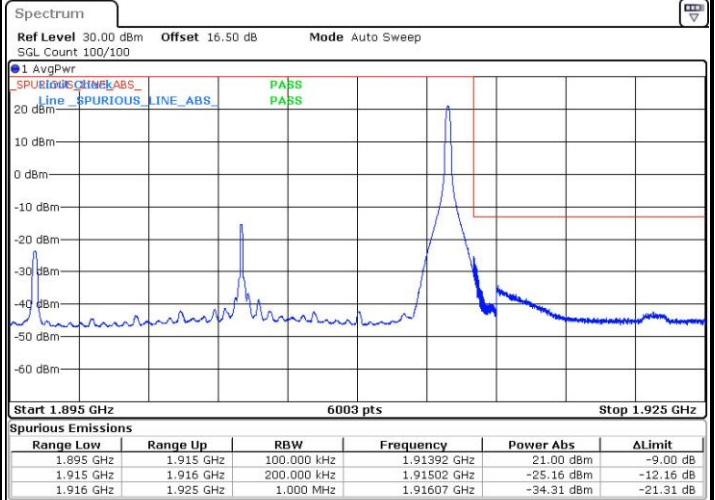
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



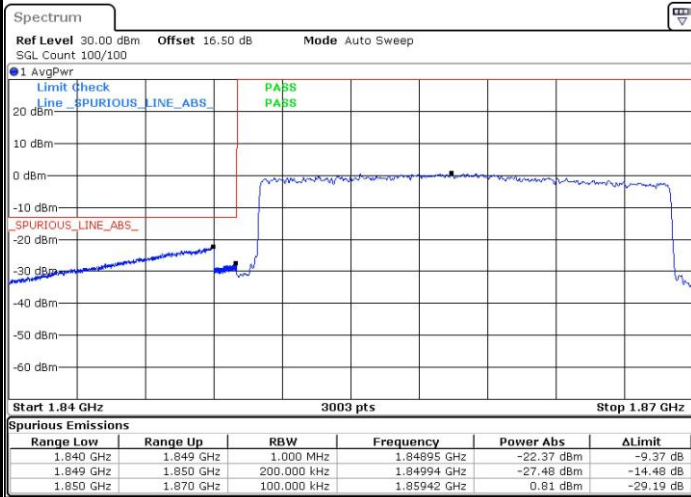
Date: 12.DEC.2018 16:54:26

Highest Band Edge / 1 RB



Date: 12.DEC.2018 17:00:52

Lowest Band Edge / Full RB



Date: 12.DEC.2018 16:56:16

Highest Band Edge / Full RB

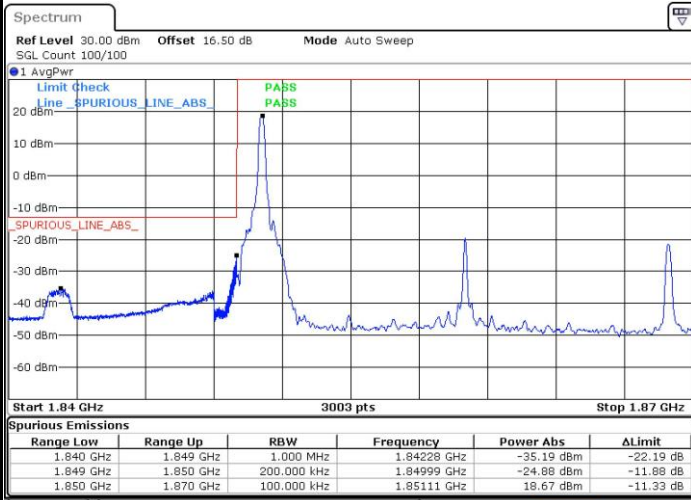


Date: 12.DEC.2018 16:58:06



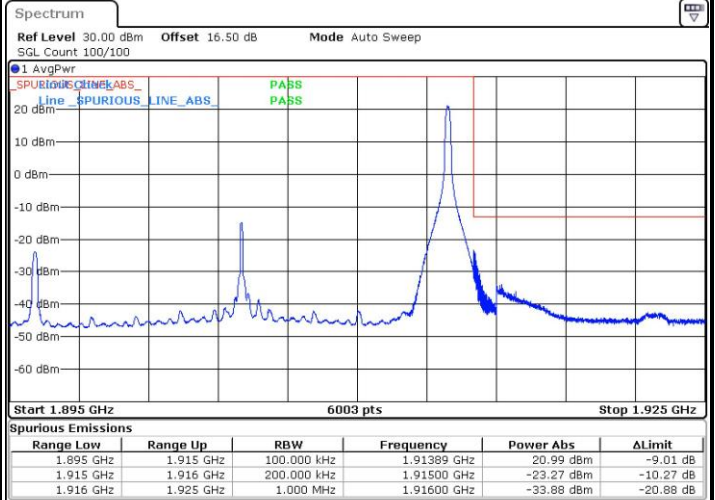
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



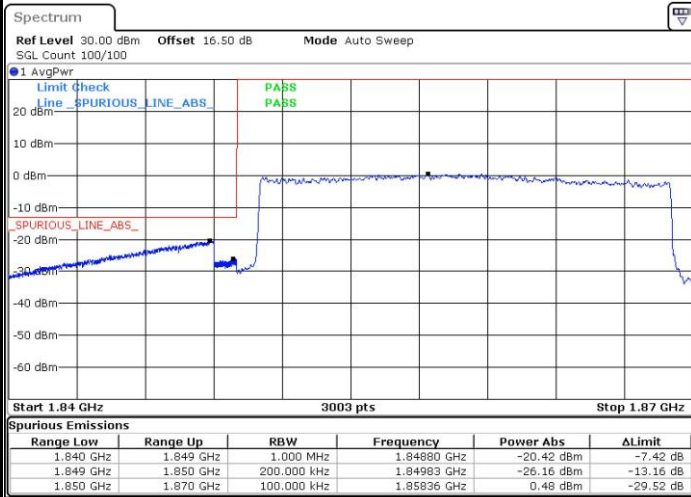
Date: 12 DEC 2018 16:55:21

Highest Band Edge / 1 RB



Date: 12 DEC 2018 16:59:57

Lowest Band Edge / Full RB



Date: 12 DEC 2018 16:57:11

Highest Band Edge / Full RB



Date: 12 DEC 2018 16:59:02



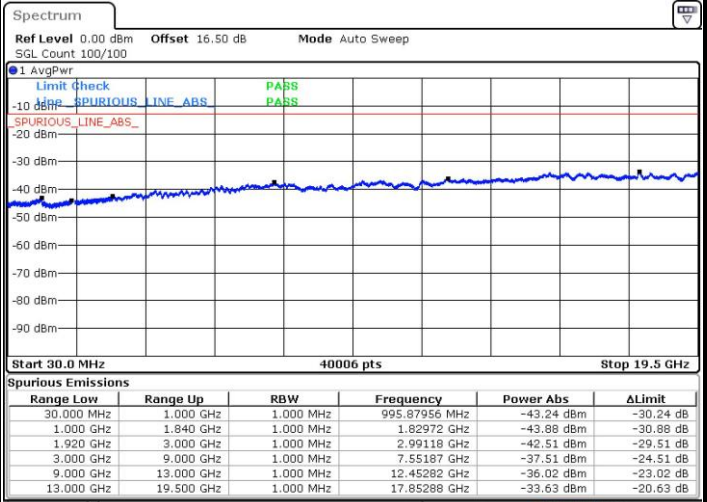
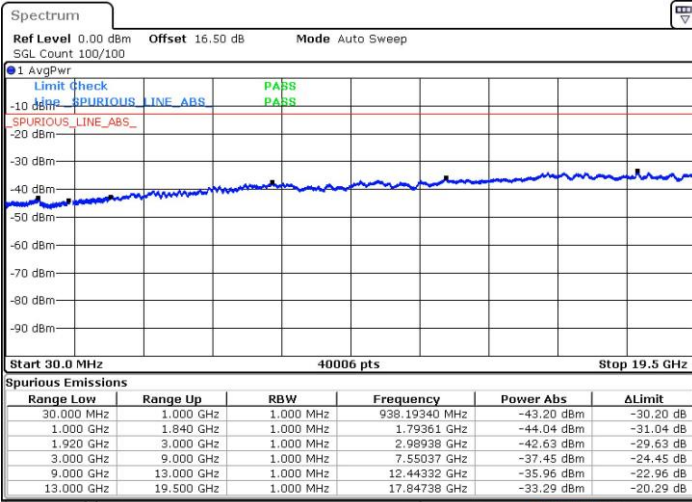
Conducted Spurious Emission



LTE Band 25 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

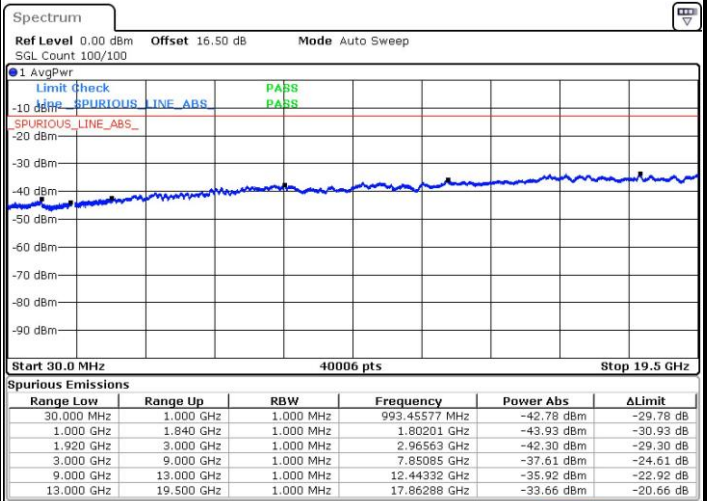
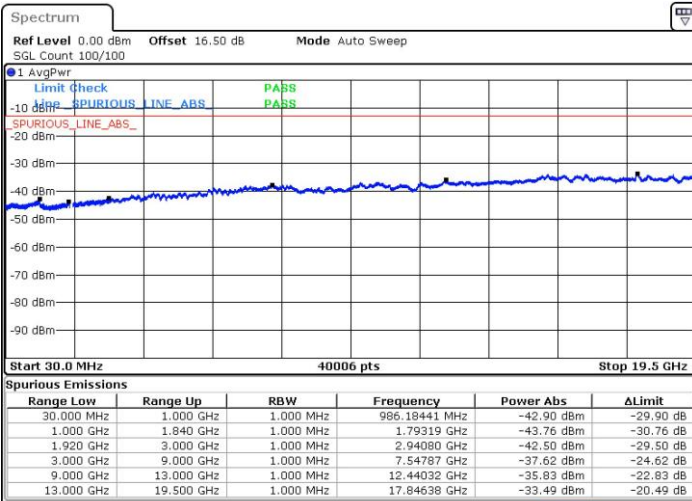


Date: 12 DEC 2018 13:53:12

Date: 12 DEC 2018 13:53:57

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 12 DEC 2018 15:32:13

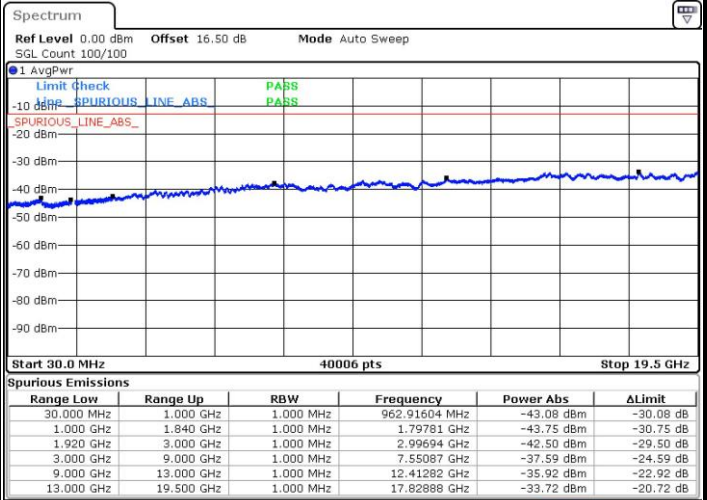
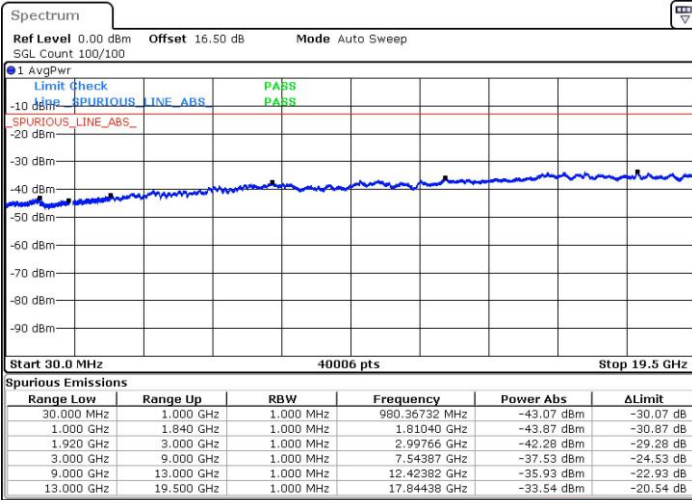
Date: 12 DEC 2018 15:32:59



LTE Band 25 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



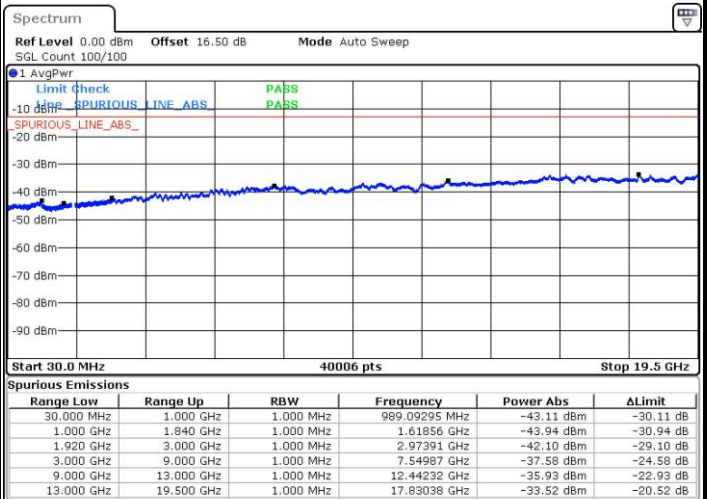
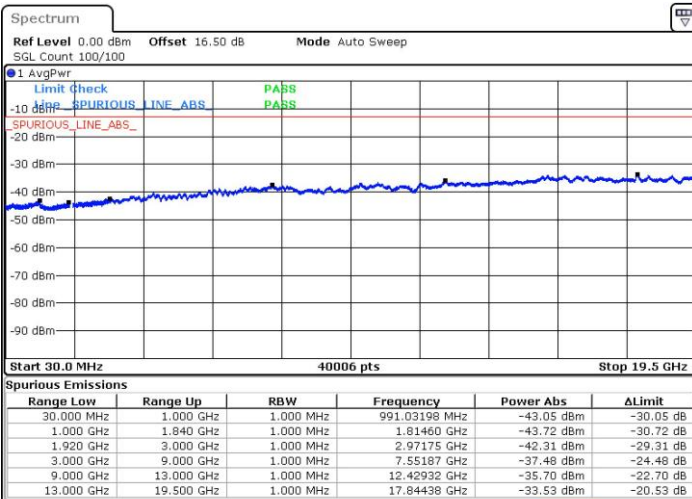
Date: 12 DEC 2018 13:59:46

Date: 12 DEC 2018 14:00:32

LTE Band 25 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 12 DEC 2018 14:04:03

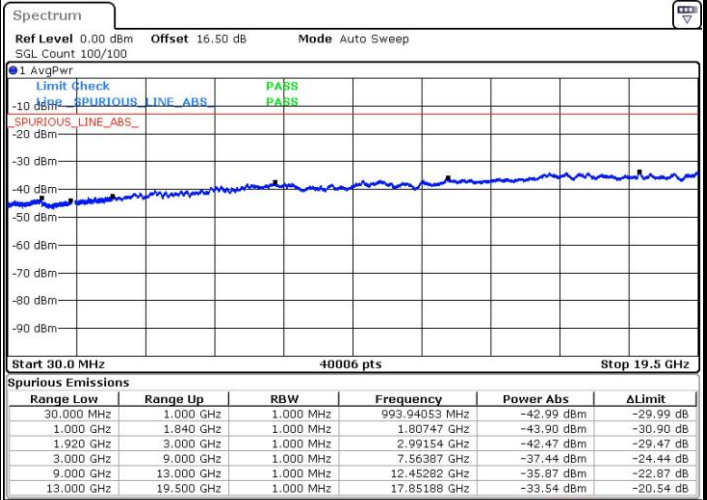
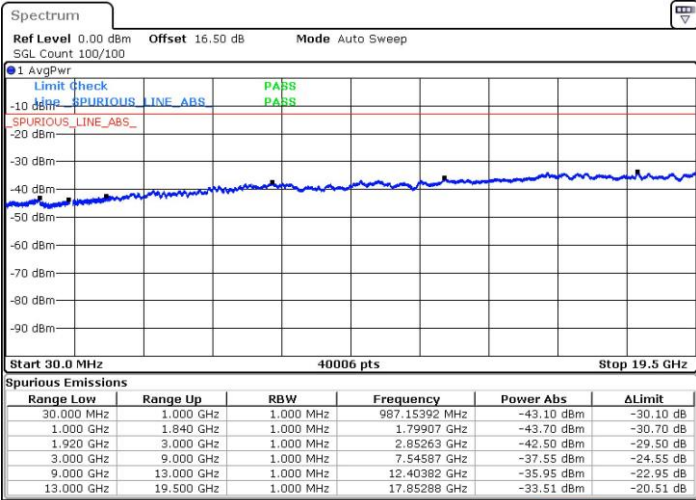
Date: 12 DEC 2018 14:04:48



LTE Band 25 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

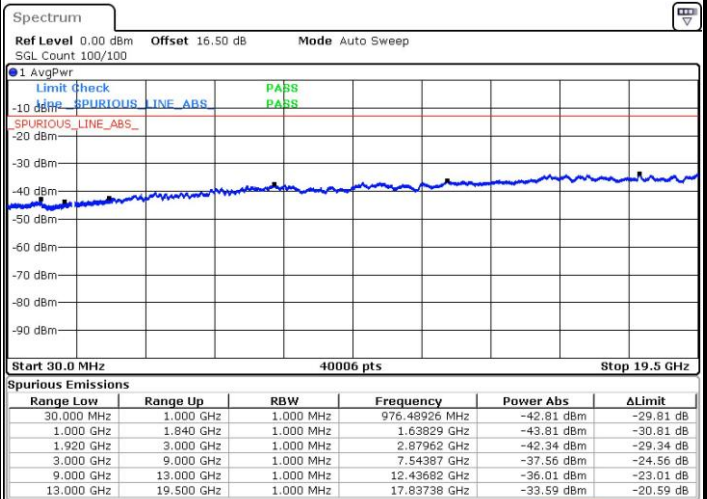
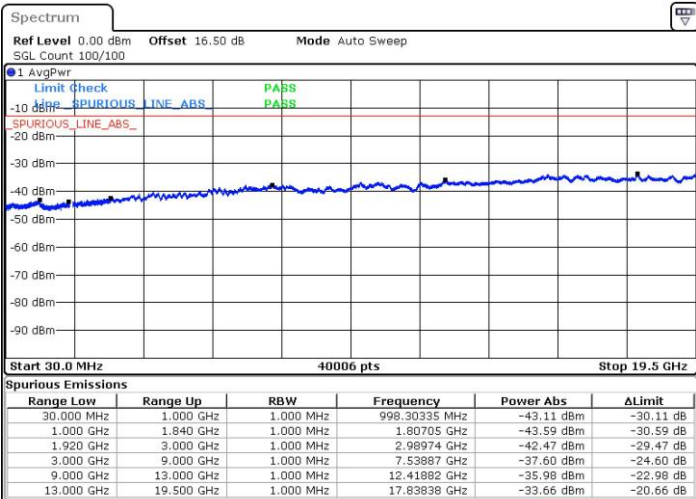


Date: 12 DEC 2018 15:34:30

Date: 12 DEC 2018 15:35:15

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 12 DEC 2018 14:10:55

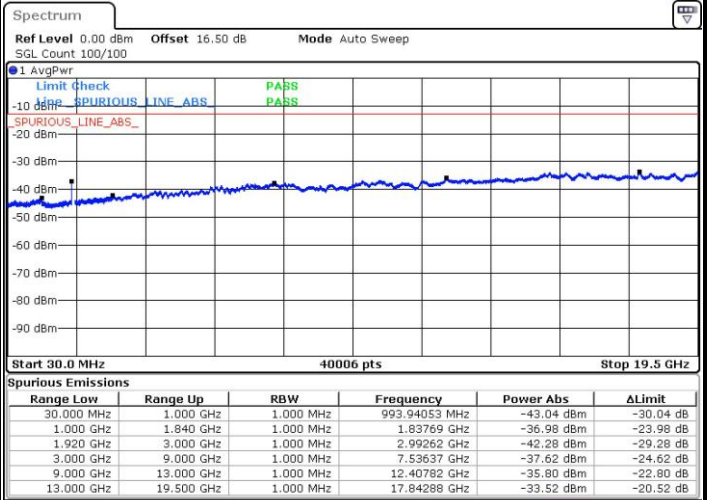
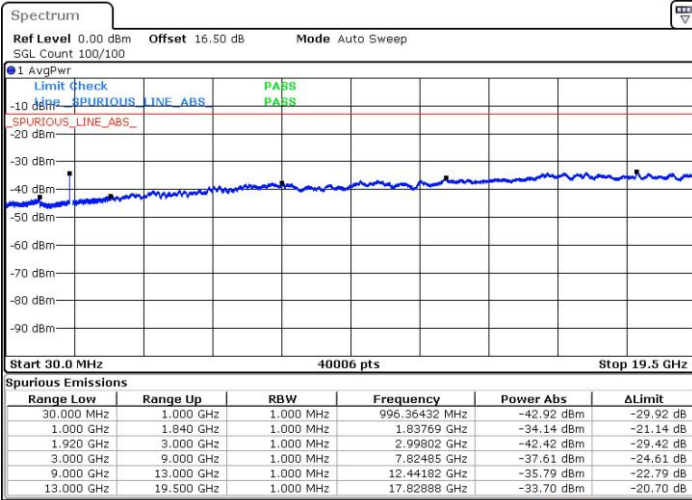
Date: 12 DEC 2018 14:11:40



LTE Band 25 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

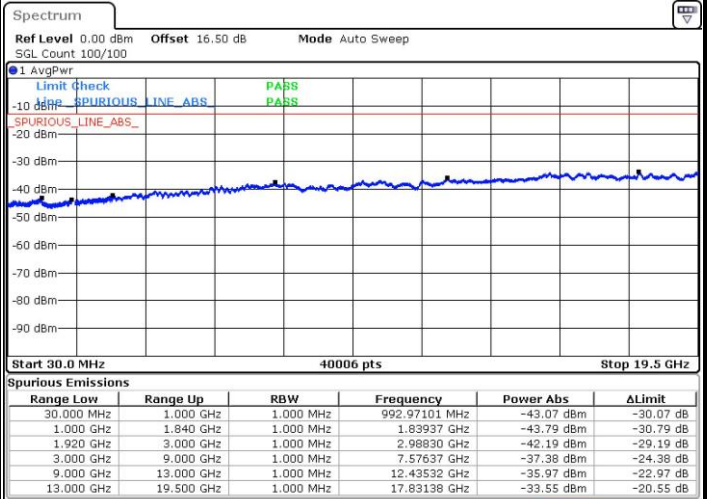
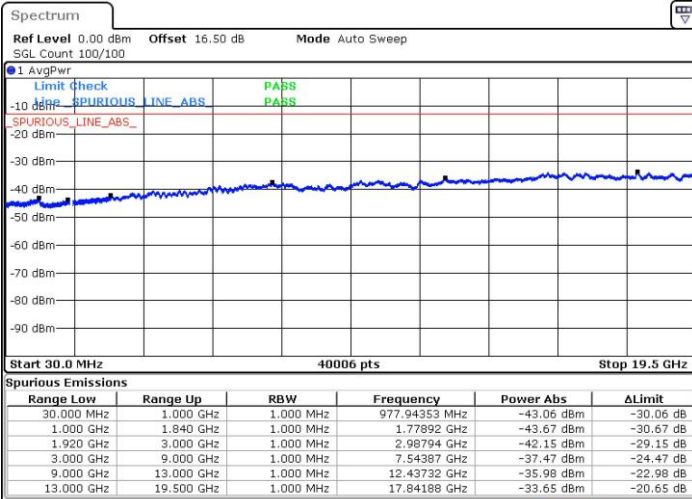


Date: 12 DEC 2018 14:15:12

Date: 12 DEC 2018 14:15:57

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 12 DEC 2018 15:36:46

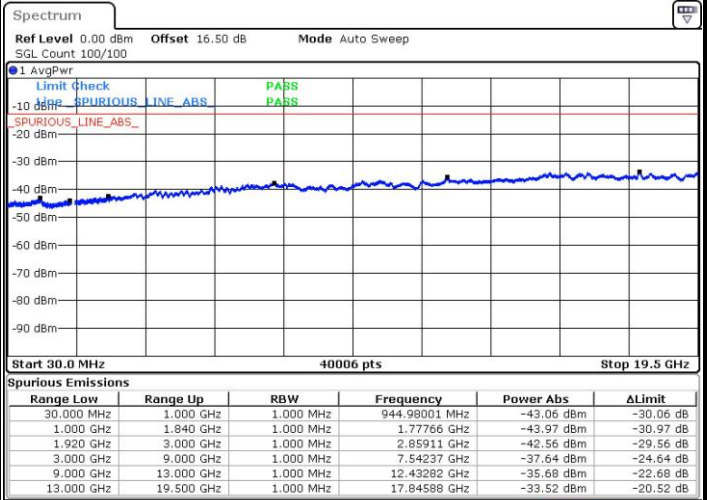
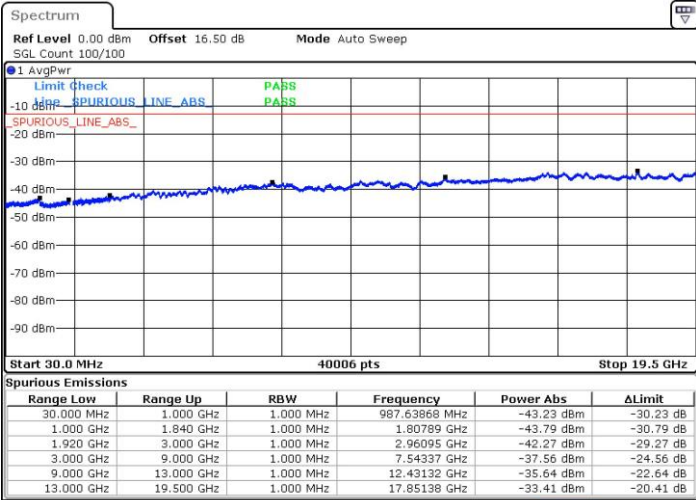
Date: 12 DEC 2018 15:37:32



LTE Band 25 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



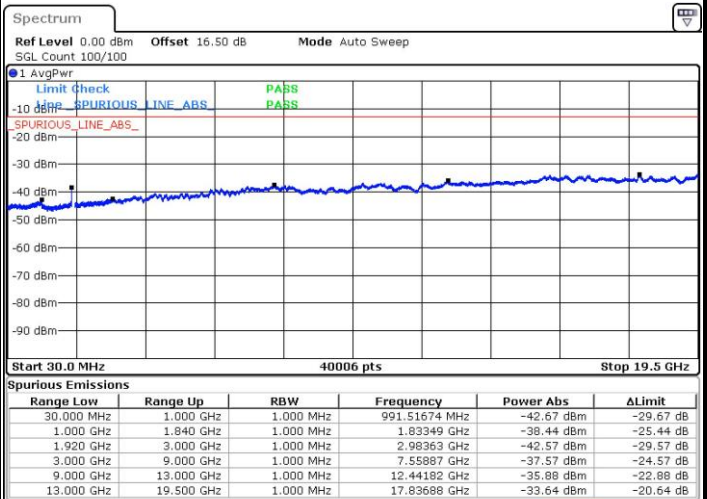
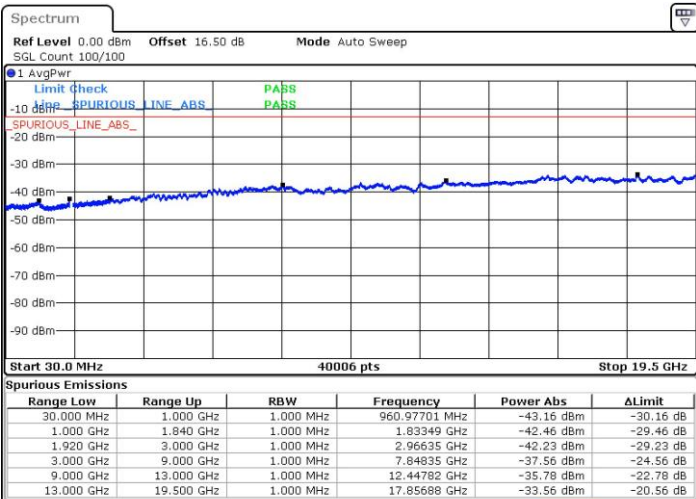
Date: 12 DEC 2018 14:22:38

Date: 12 DEC 2018 14:23:24

LTE Band 25 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 12 DEC 2018 14:26:55

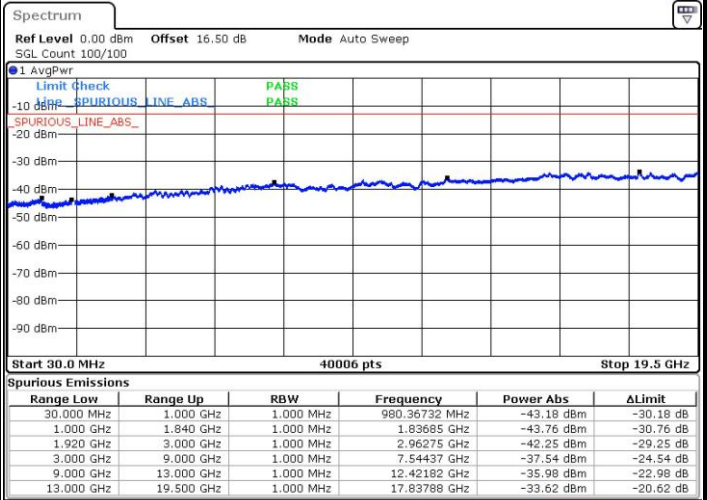
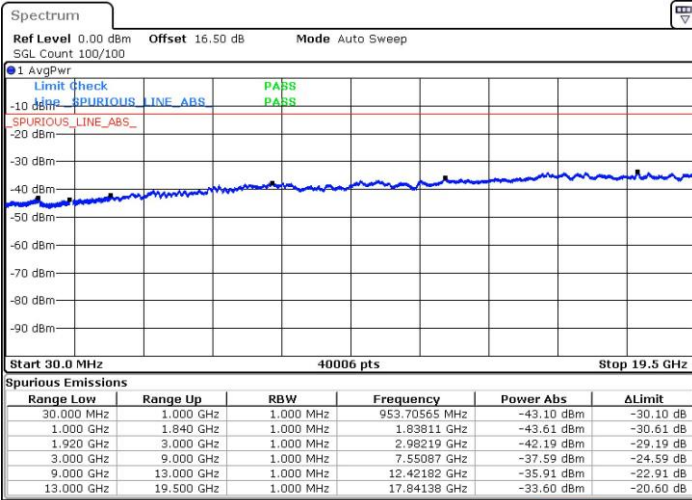
Date: 12 DEC 2018 14:27:40



LTE Band 25 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

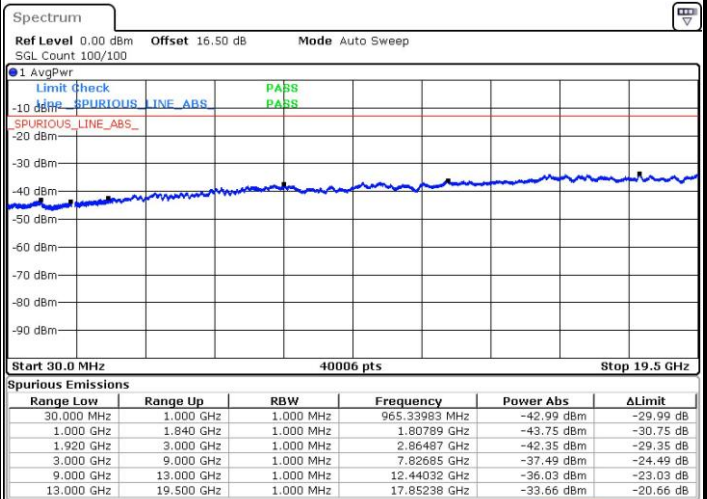
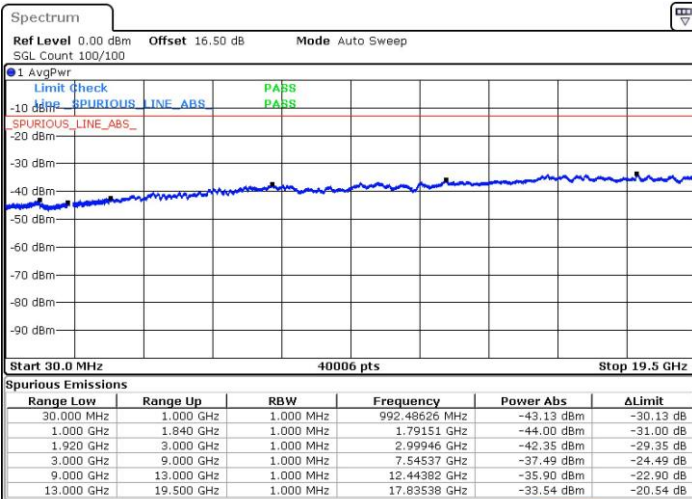


Date: 12 DEC 2018 15:39:03

Date: 12 DEC 2018 15:39:48

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 12 DEC 2018 15:19:02

Date: 12 DEC 2018 15:19:47



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	0.0026	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0049	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0072	
-30	Normal Voltage	0.0054	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0054	

Note:

1. Normal Voltage =120 V. ; Minimum Voltage =100 V. ; Maximum Voltage =240 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



<For 2x2 Tx Chain 2>

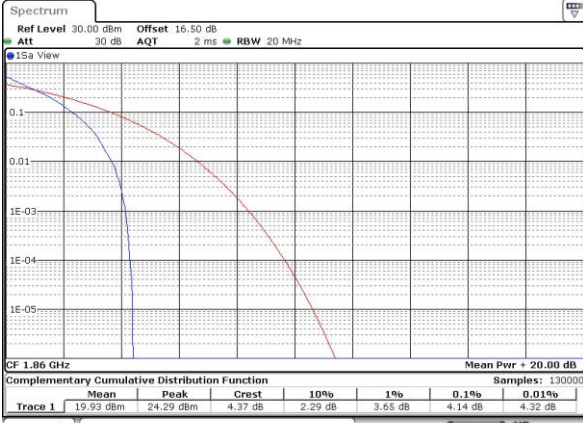
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.14	3.80	4.20	4.23	PASS
Middle CH	3.83	3.74	3.91	4.49	
Highest CH	3.48	3.91	3.71	4.49	



LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 12 DEC 2018 20:29:50

Lowest Channel / Full RB



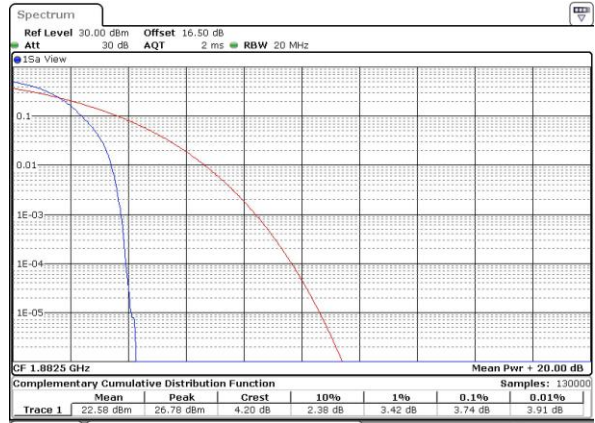
Date: 12 DEC 2018 20:30:00

Middle Channel / 1RB



Date: 12 DEC 2018 20:30:30

Middle Channel / Full RB



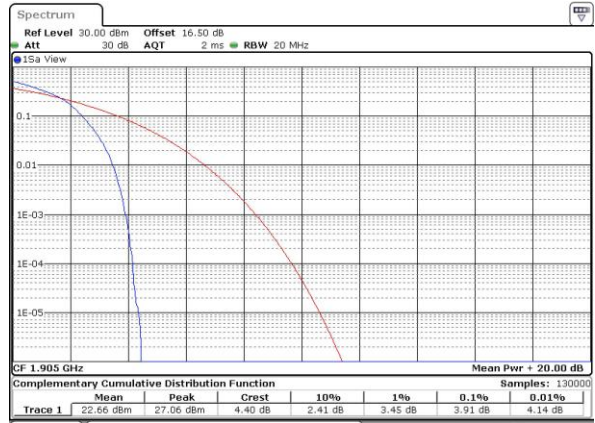
Date: 12 DEC 2018 20:30:40

Highest Channel / 1RB



Date: 12 DEC 2018 20:31:09

Highest Channel / Full RB

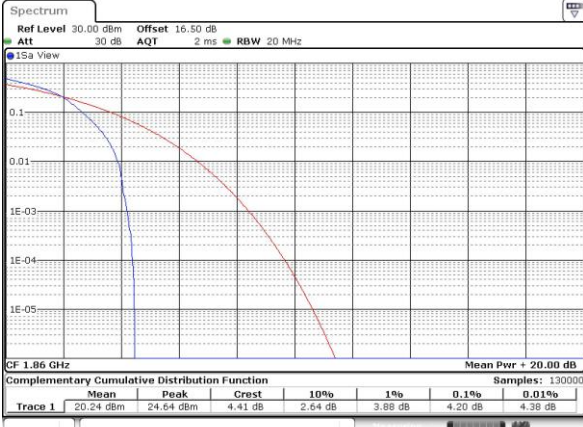


Date: 12 DEC 2018 20:31:19



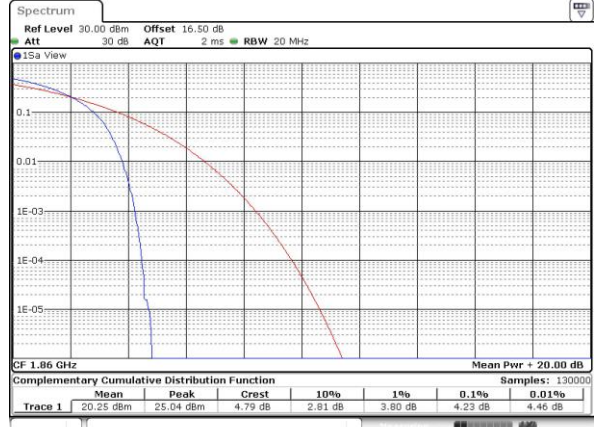
LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



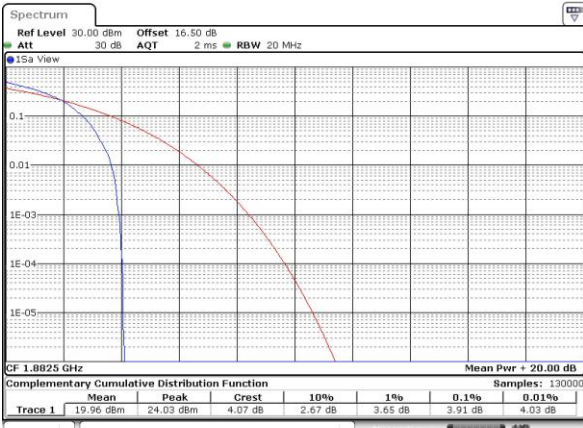
Date: 12 DEC 2018 20:29:30

Lowest Channel / Full RB



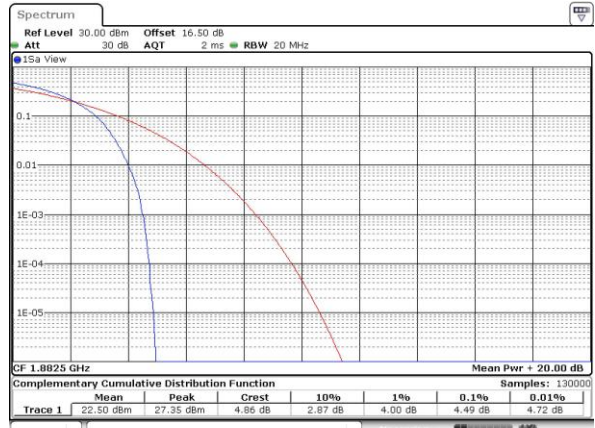
Date: 12 DEC 2018 20:29:40

Middle Channel / 1RB



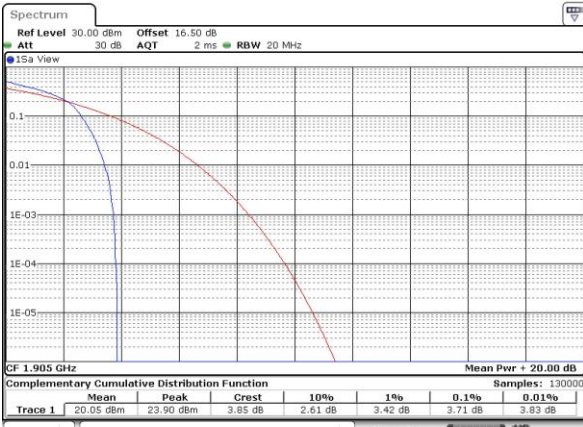
Date: 12 DEC 2018 20:30:10

Middle Channel / Full RB



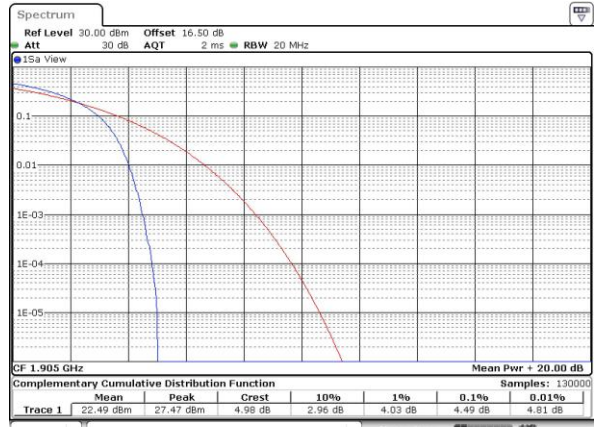
Date: 12 DEC 2018 20:30:20

Highest Channel / 1RB



Date: 12 DEC 2018 20:30:50

Highest Channel / Full RB



Date: 12 DEC 2018 20:30:59



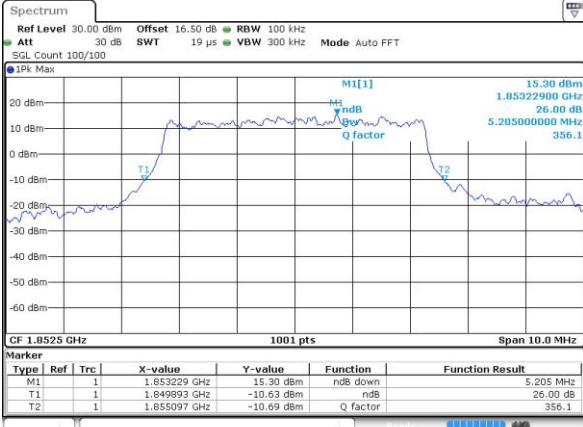
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.21	5.07	9.79	9.79	14.42	14.72	20.34	20.26
Middle CH	-	-	-	-	5.10	5.36	9.73	9.79	14.45	14.48	20.02	20.26
Highest CH	-	-	-	-	5.19	5.10	10.33	10.11	14.42	14.75	20.50	21.86



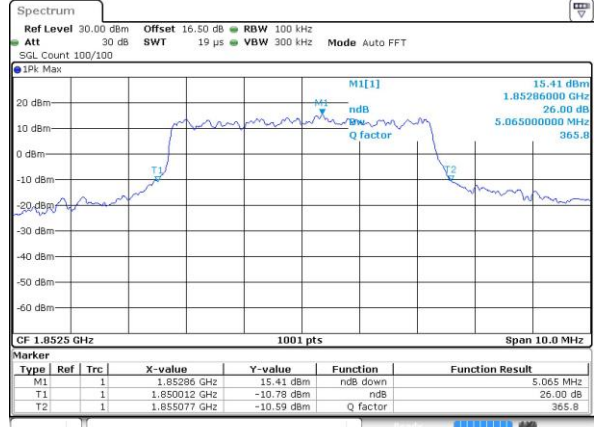
LTE Band 25

Lowest Channel / 5MHz / QPSK



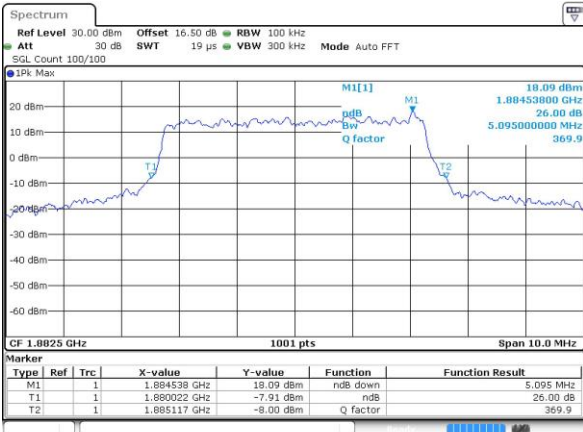
Date: 12 DEC 2018 18:51:58

Lowest Channel / 5MHz / 16QAM



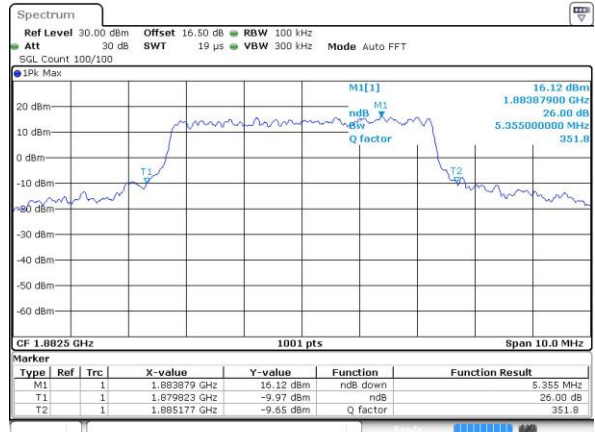
Date: 12 DEC 2018 18:52:10

Middle Channel / 5MHz / QPSK



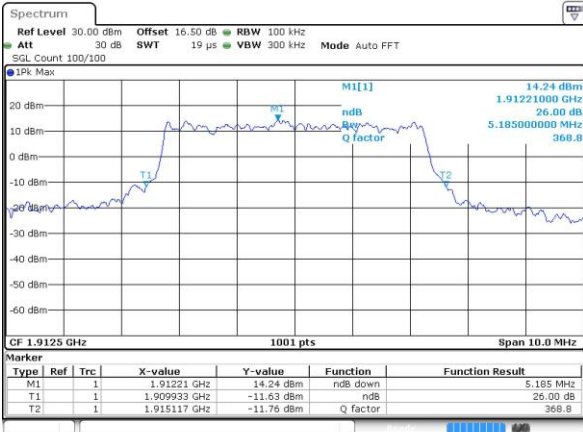
Date: 12 DEC 2018 18:57:55

Middle Channel / 5MHz / 16QAM



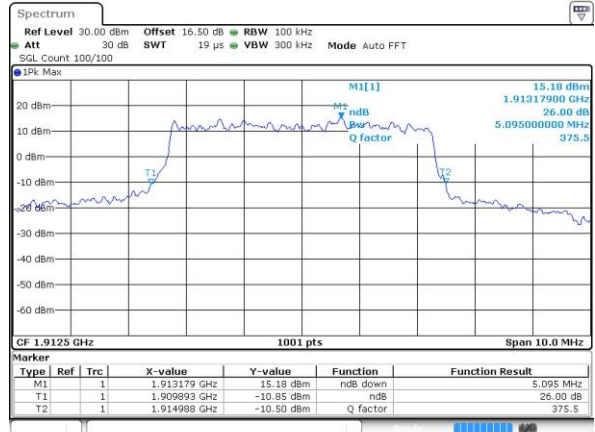
Date: 12 DEC 2018 18:58:07

Highest Channel / 5MHz / QPSK



Date: 12 DEC 2018 19:00:23

Highest Channel / 5MHz / 16QAM



Date: 12 DEC 2018 19:00:12



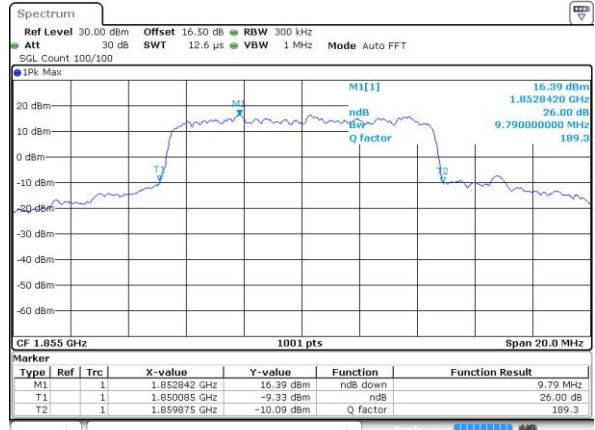
LTE Band 25

Lowest Channel / 10MHz / QPSK



Date: 12 DEC 2018 19:06:09

Lowest Channel / 10MHz / 16QAM



Date: 12 DEC 2018 19:06:20

Middle Channel / 10MHz / QPSK



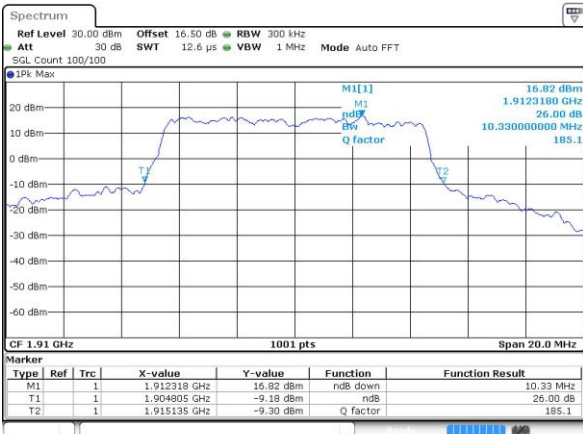
Date: 12 DEC 2018 19:12:08

Middle Channel / 10MHz / 16QAM



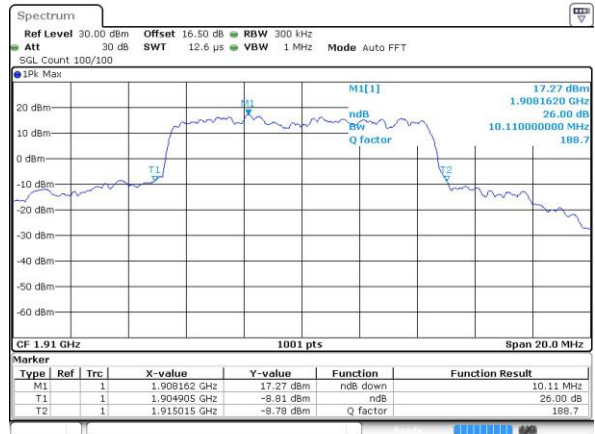
Date: 12 DEC 2018 19:12:17

Highest Channel / 10MHz / QPSK



Date: 12 DEC 2018 19:14:33

Highest Channel / 10MHz / 16QAM

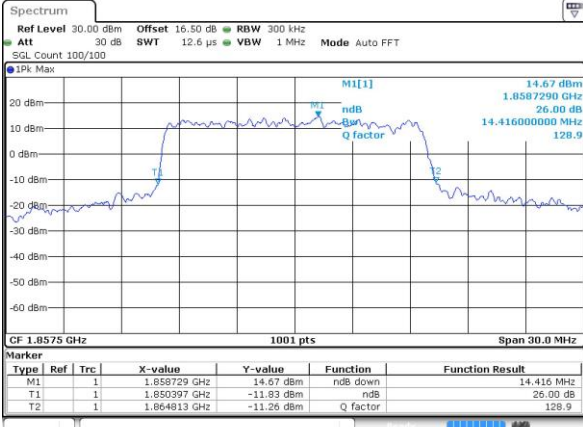


Date: 12 DEC 2018 19:14:22



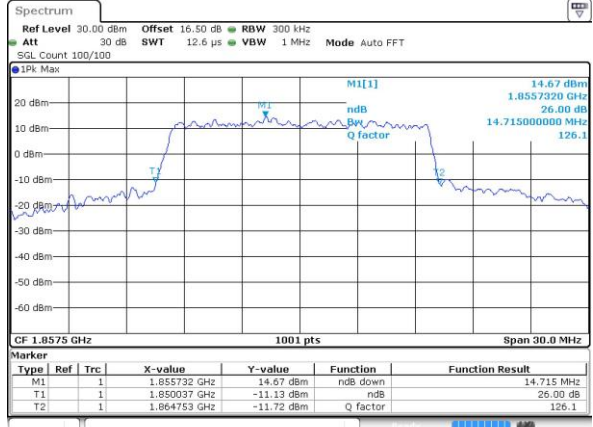
LTE Band 25

Lowest Channel / 15MHz / QPSK



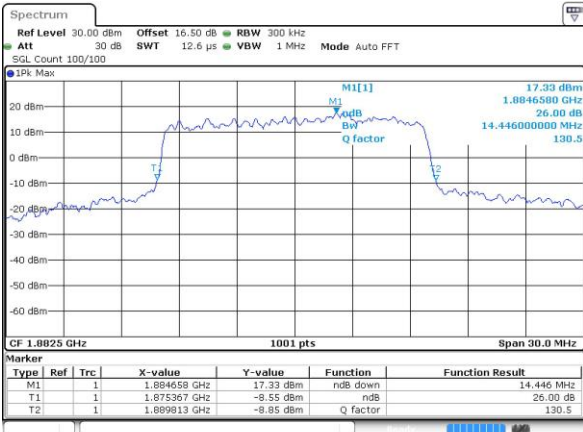
Date: 12 DEC 2018 19:20:19

Lowest Channel / 15MHz / 16QAM



Date: 12 DEC 2018 19:20:31

Middle Channel / 15MHz / QPSK



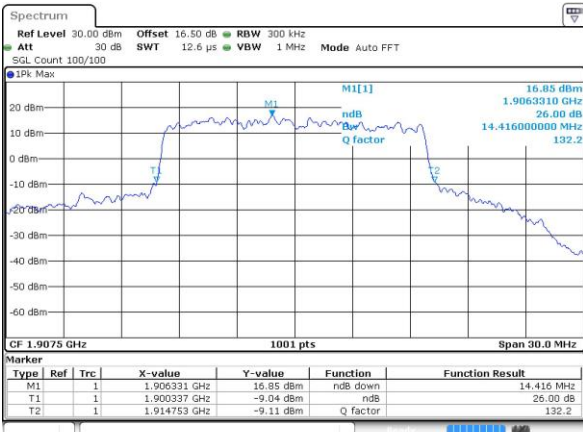
Date: 12 DEC 2018 19:26:16

Middle Channel / 15MHz / 16QAM



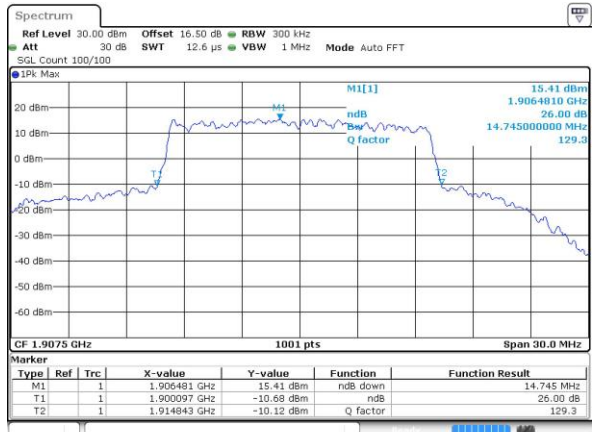
Date: 12 DEC 2018 19:26:27

Highest Channel / 15MHz / QPSK



Date: 12 DEC 2018 19:28:44

Highest Channel / 15MHz / 16QAM

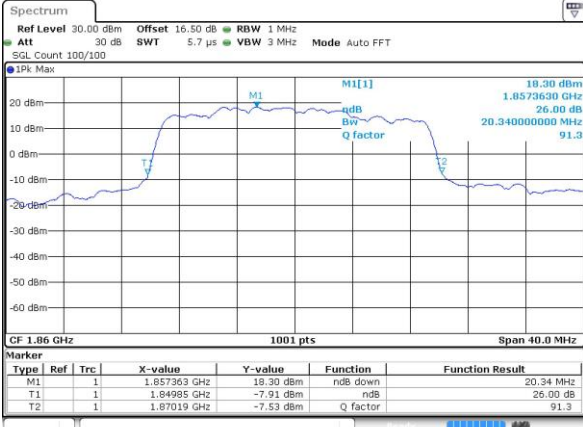


Date: 12 DEC 2018 19:28:32



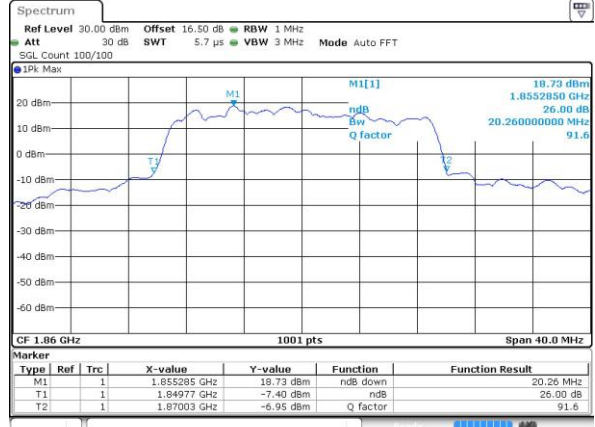
LTE Band 25

Lowest Channel / 20MHz / QPSK



Date: 12 DEC 2018 19:37:14

Lowest Channel / 20MHz / 16QAM



Date: 12 DEC 2018 20:33:25

Middle Channel / 20MHz / QPSK



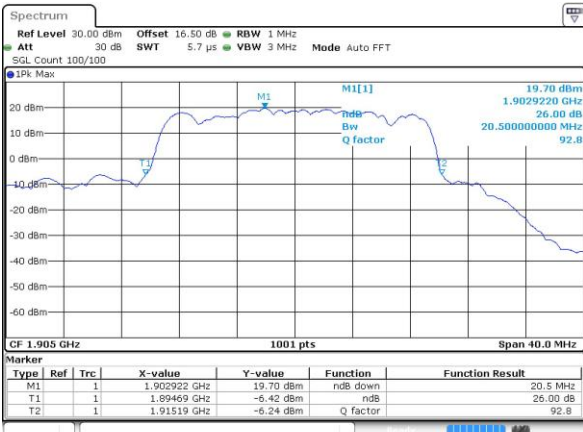
Date: 12 DEC 2018 19:45:32

Middle Channel / 20MHz / 16QAM



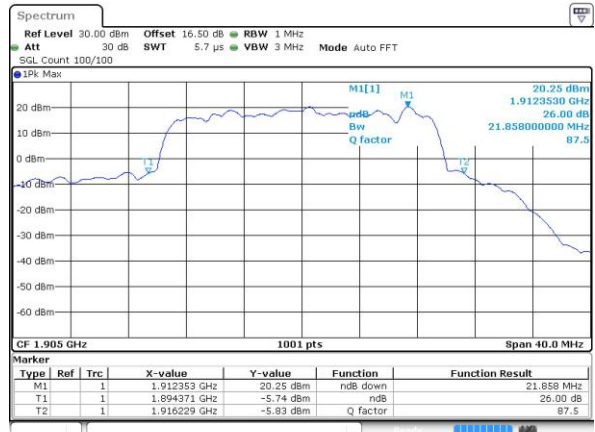
Date: 12 DEC 2018 19:45:43

Highest Channel / 20MHz / QPSK



Date: 12 DEC 2018 19:47:59

Highest Channel / 20MHz / 16QAM



Date: 12 DEC 2018 19:47:48



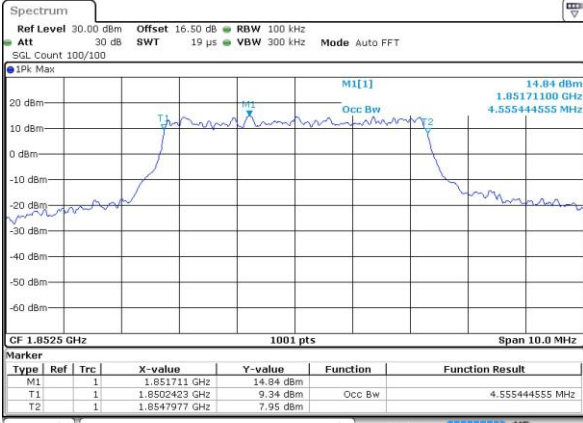
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.56	4.52	9.07	9.05	13.46	13.43	18.30	18.50
Middle CH	-	-	-	-	4.53	4.52	9.03	9.03	13.4	13.43	18.14	18.38
Highest CH	-	-	-	-	4.49	4.50	9.07	9.09	13.37	13.49	18.38	18.38



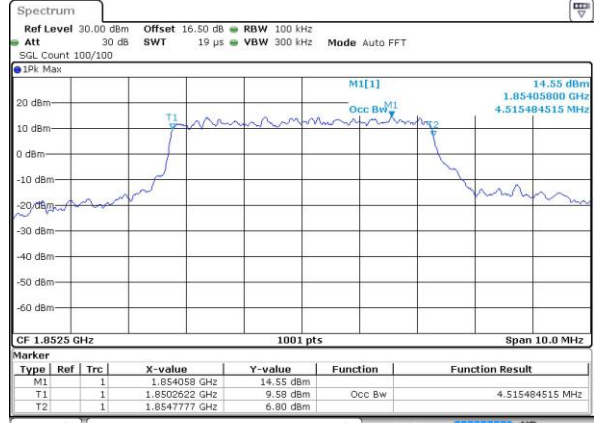
LTE Band 25

Lowest Channel / 5MHz / QPSK



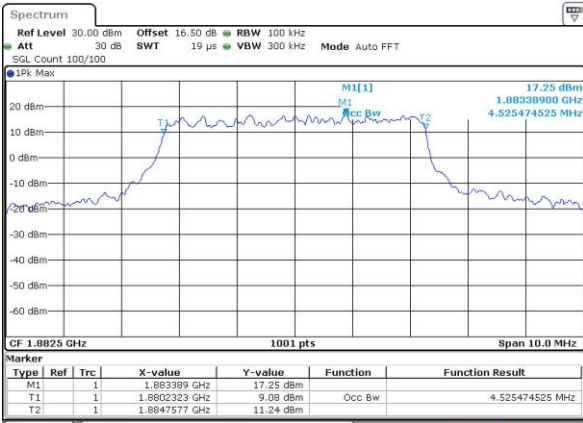
Date: 12 DEC 2018 18:51:36

Lowest Channel / 5MHz / 16QAM



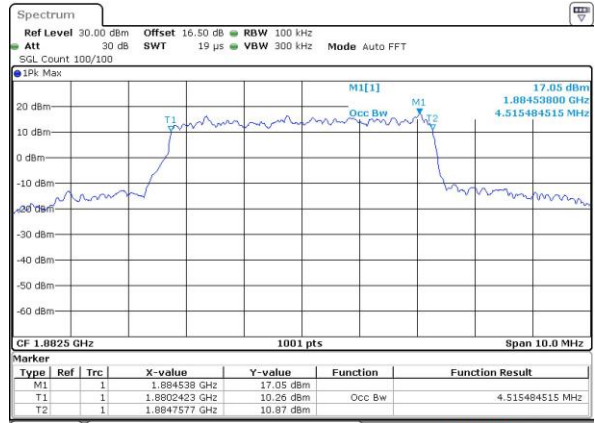
Date: 12 DEC 2018 18:51:47

Middle Channel / 5MHz / QPSK



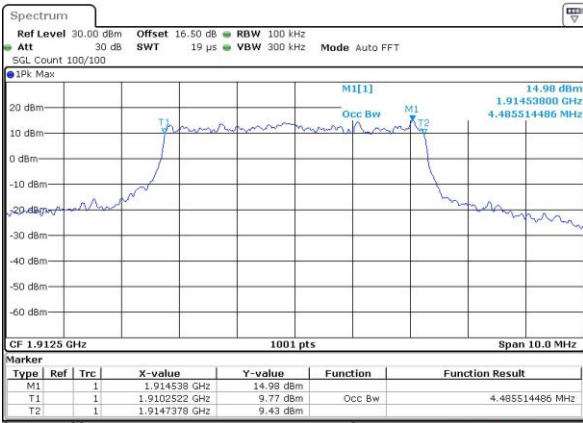
Date: 12 DEC 2018 18:57:32

Middle Channel / 5MHz / 16QAM



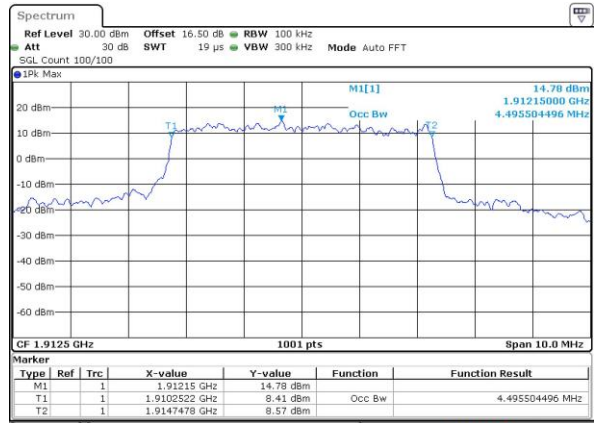
Date: 12 DEC 2018 18:57:44

Highest Channel / 5MHz / QPSK



Date: 12 DEC 2018 18:59:49

Highest Channel / 5MHz / 16QAM



Date: 12 DEC 2018 19:00:00