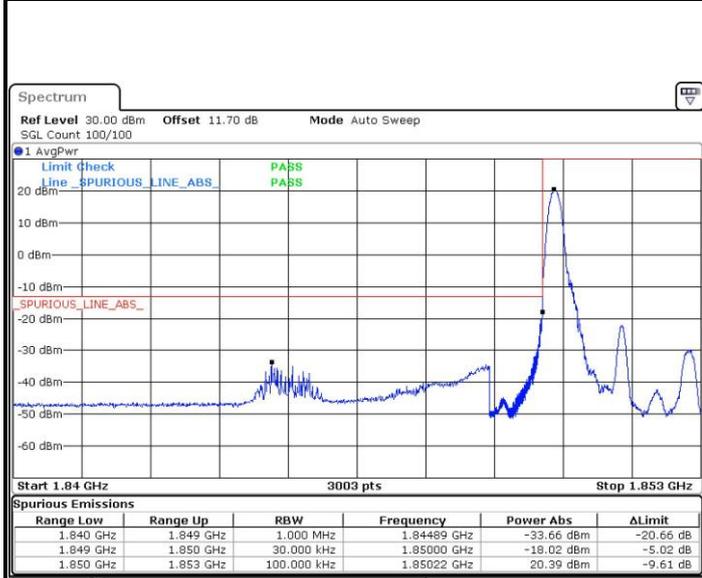




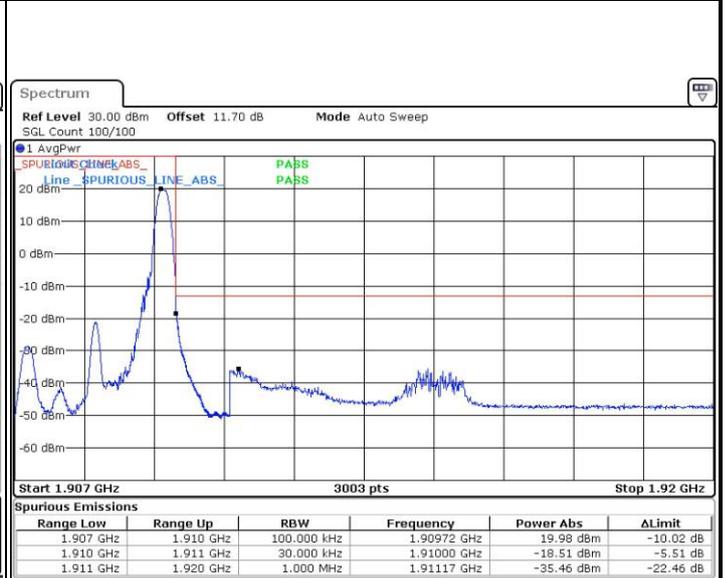
LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



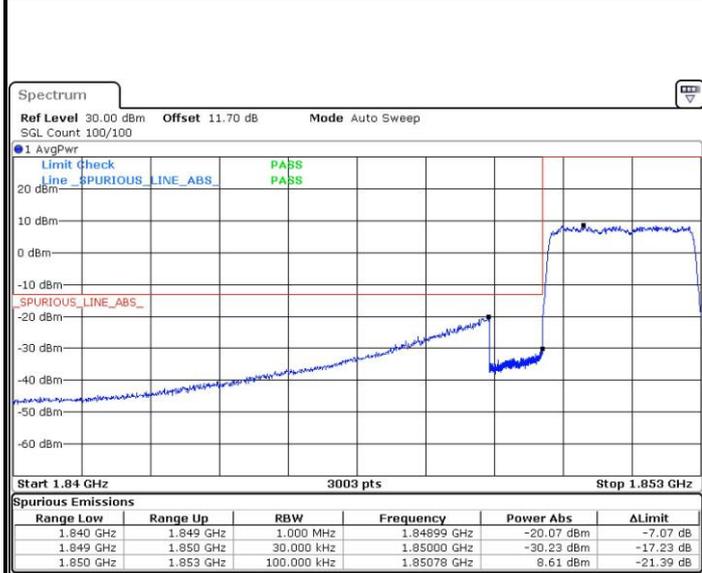
Date: 1.DEC.2016 21:37:49

Highest Band Edge / 1 RB



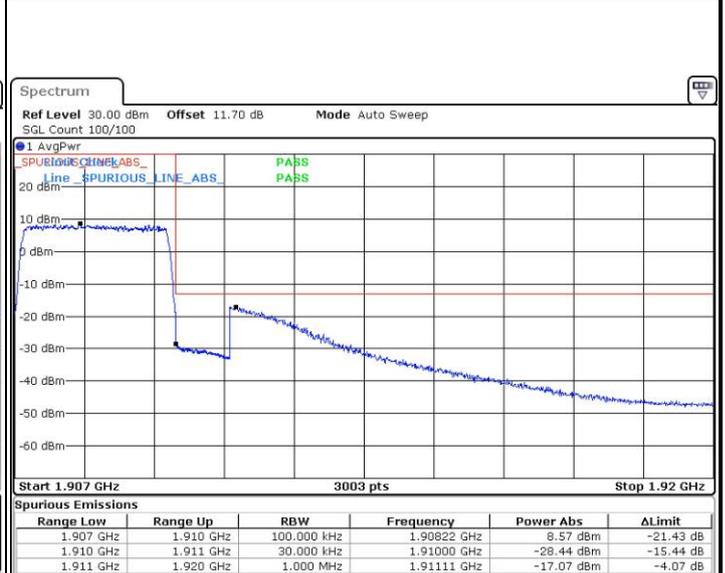
Date: 1.DEC.2016 21:47:54

Lowest Band Edge / Full RB



Date: 1.DEC.2016 21:40:08

Highest Band Edge / Full RB

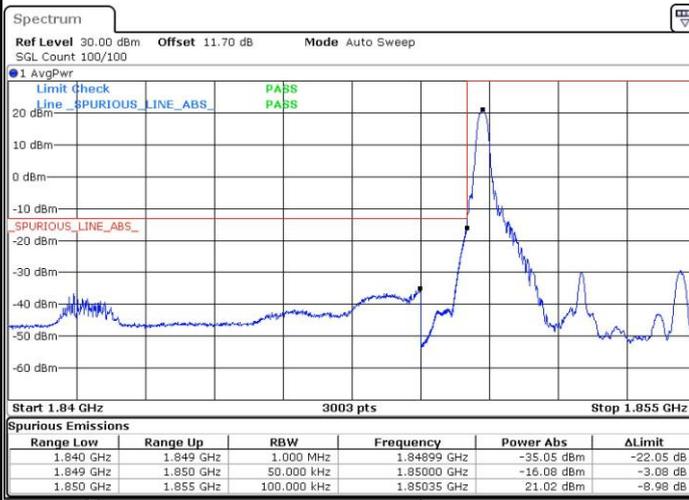


Date: 1.DEC.2016 21:50:13



LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Date: 1.DEC.2016 21:54:06

Highest Band Edge / 1 RB



Date: 1.DEC.2016 22:04:11

Lowest Band Edge / Full RB



Date: 1.DEC.2016 21:56:25

Highest Band Edge / Full RB

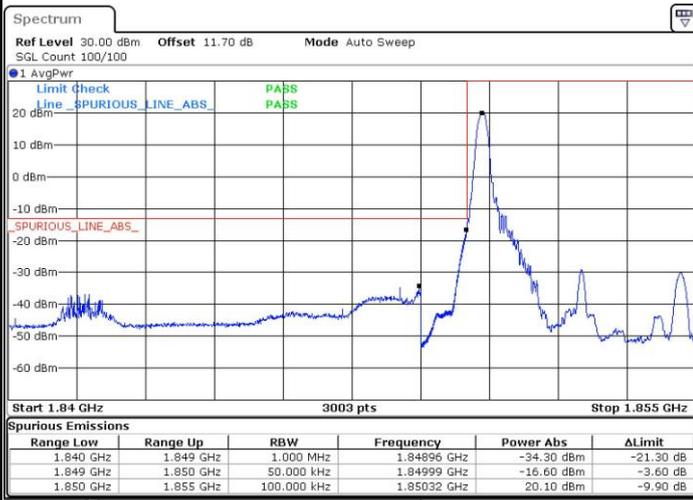


Date: 1.DEC.2016 22:06:30



LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 1.DEC.2016 21:55:15

Highest Band Edge / 1 RB



Date: 1.DEC.2016 22:05:21

Lowest Band Edge / Full RB



Date: 1.DEC.2016 21:57:34

Highest Band Edge / Full RB

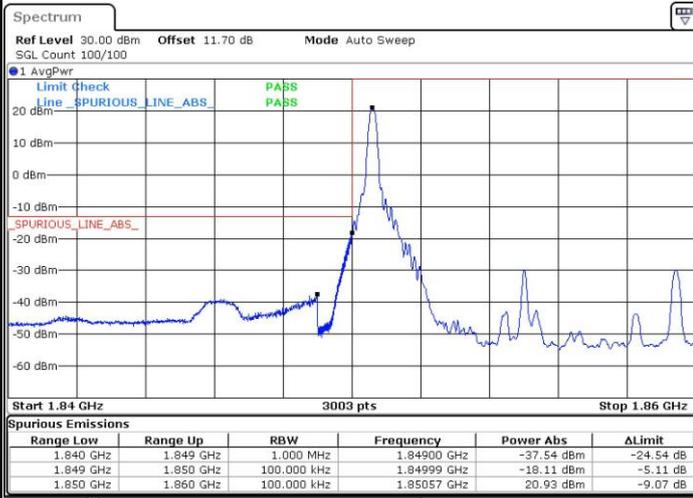


Date: 1.DEC.2016 22:07:40



LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



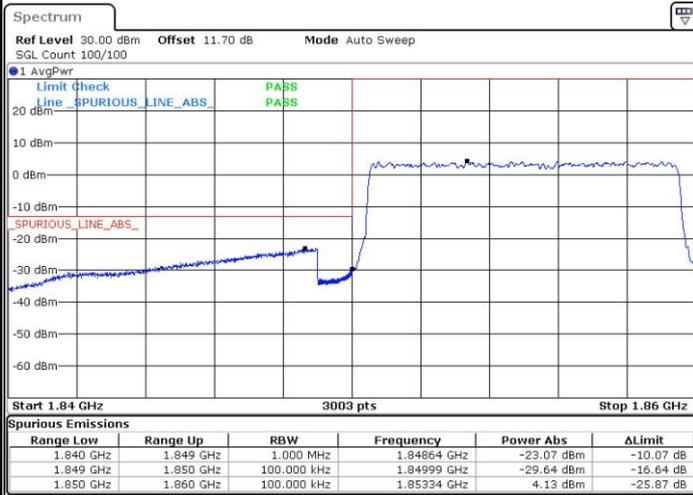
Date: 1.DEC.2016 22:11:33

Highest Band Edge / 1 RB



Date: 1.DEC.2016 22:21:38

Lowest Band Edge / Full RB



Date: 1.DEC.2016 22:13:52

Highest Band Edge / Full RB

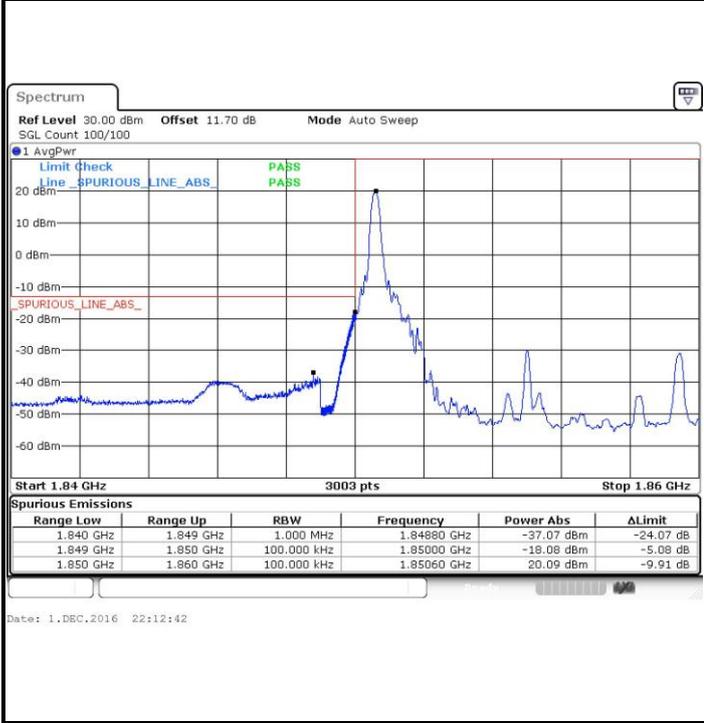


Date: 1.DEC.2016 22:23:57

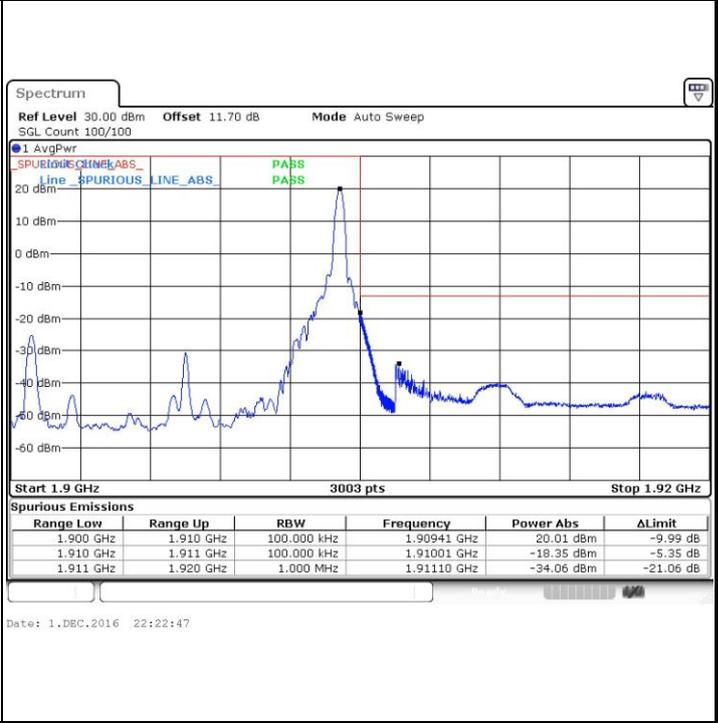


LTE Band 2 / 10MHz / 16QAM

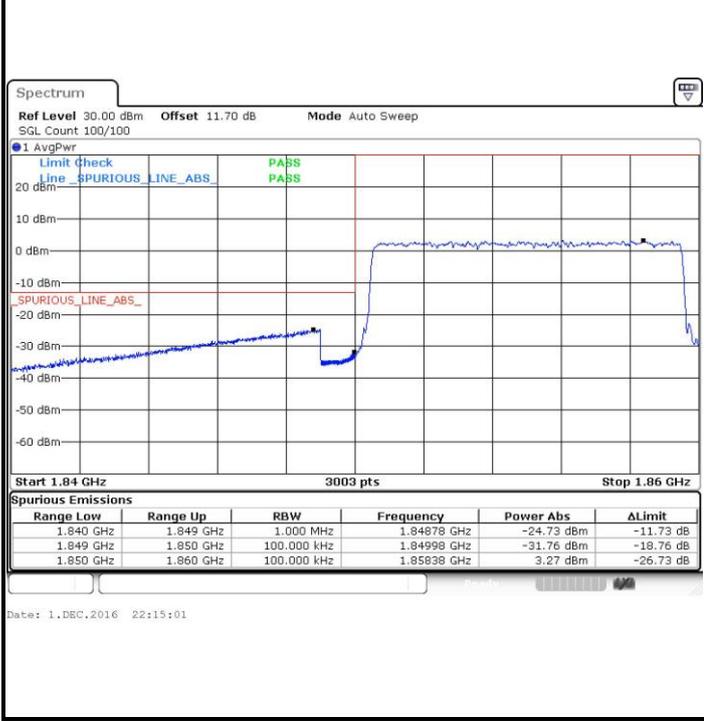
Lowest Band Edge / 1 RB



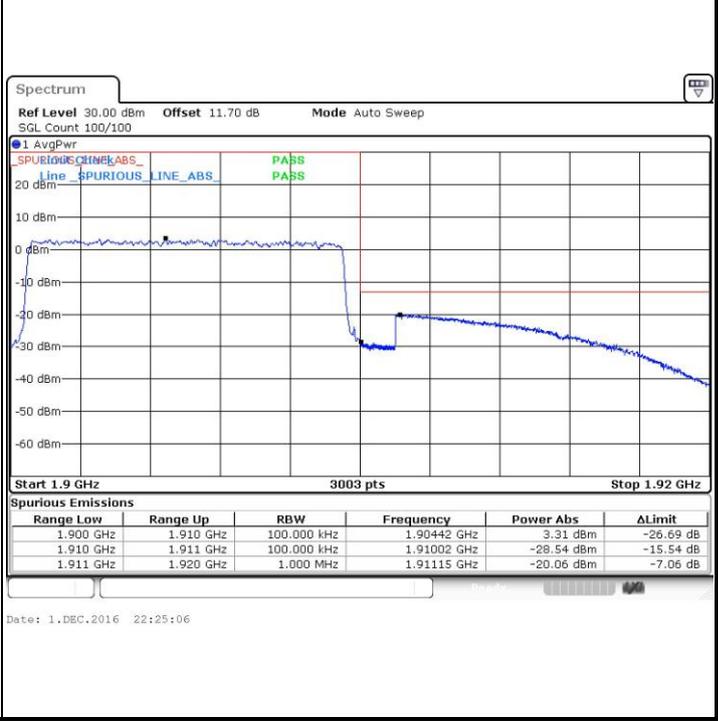
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



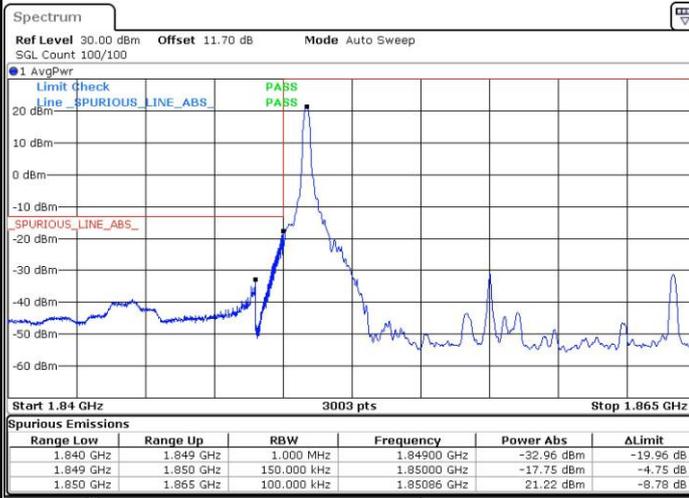
Highest Band Edge / Full RB





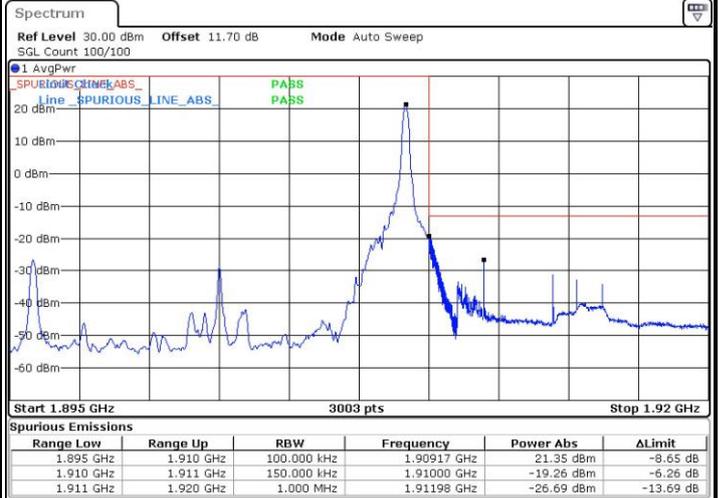
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



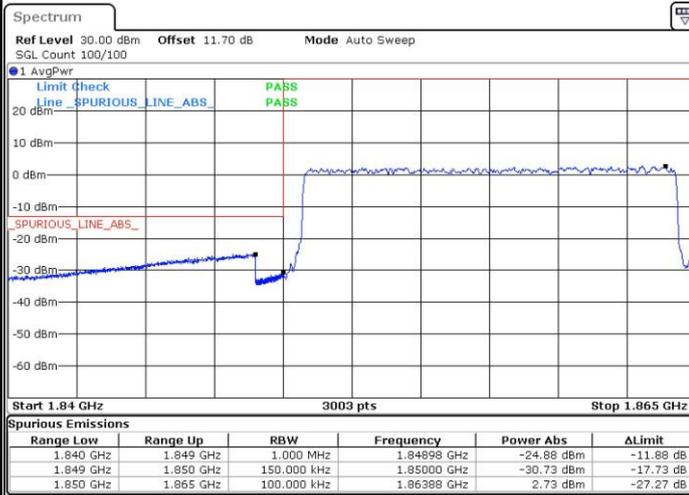
Date: 1.DEC.2016 22:28:59

Highest Band Edge / 1 RB



Date: 1.DEC.2016 22:39:03

Lowest Band Edge / Full RB



Date: 1.DEC.2016 22:31:18

Highest Band Edge / Full RB

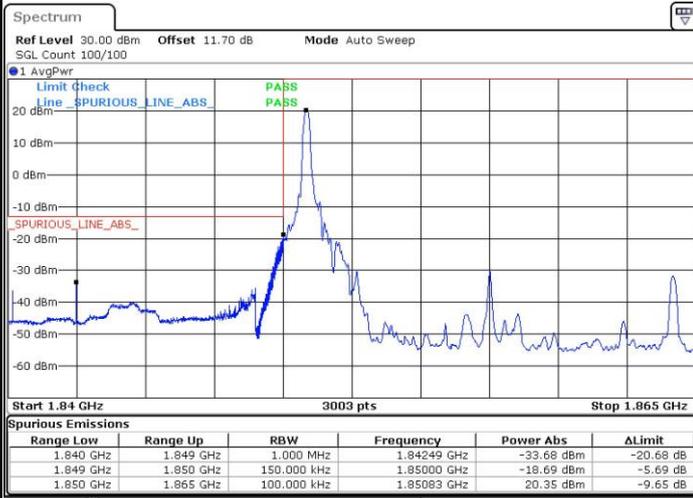


Date: 1.DEC.2016 22:41:22



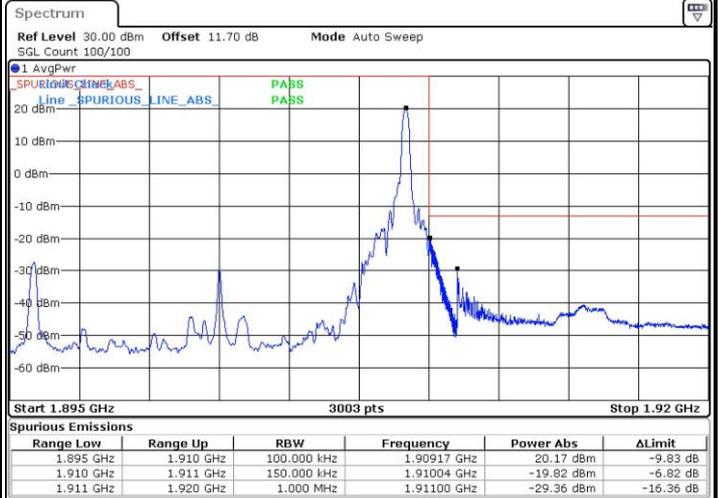
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



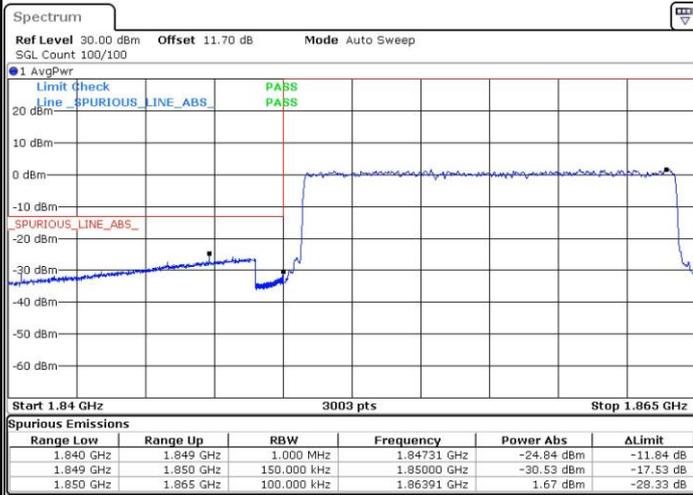
Date: 1.DEC.2016 22:30:08

Highest Band Edge / 1 RB



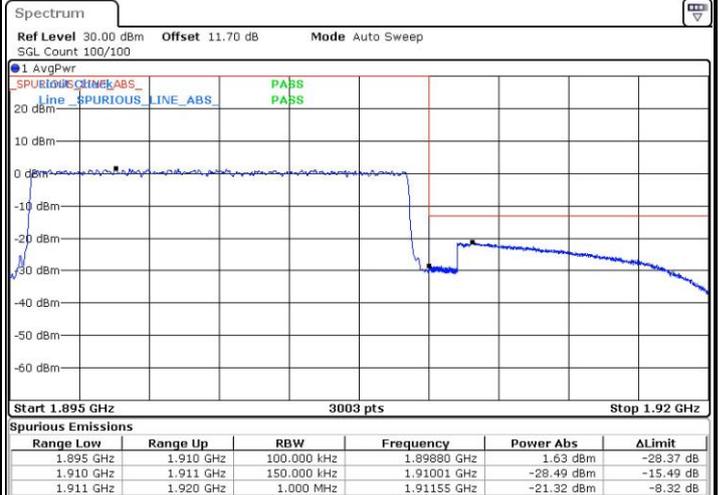
Date: 1.DEC.2016 22:40:13

Lowest Band Edge / Full RB



Date: 1.DEC.2016 22:32:27

Highest Band Edge / Full RB

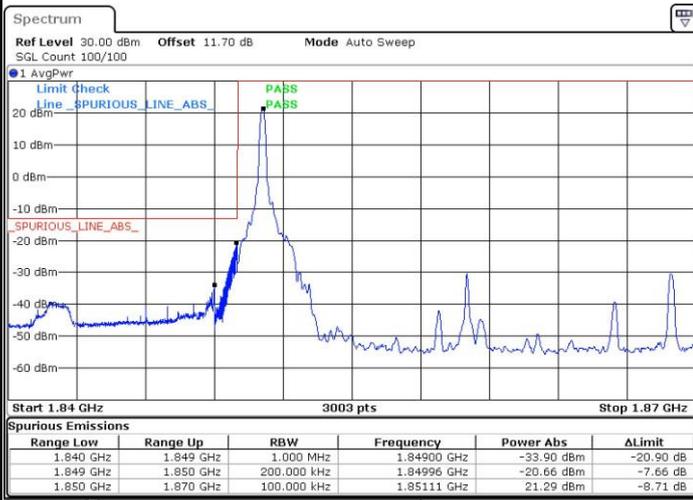


Date: 1.DEC.2016 22:42:32



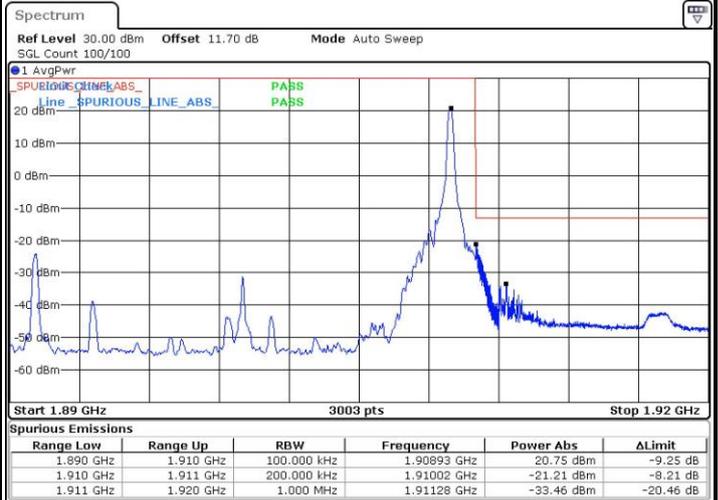
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



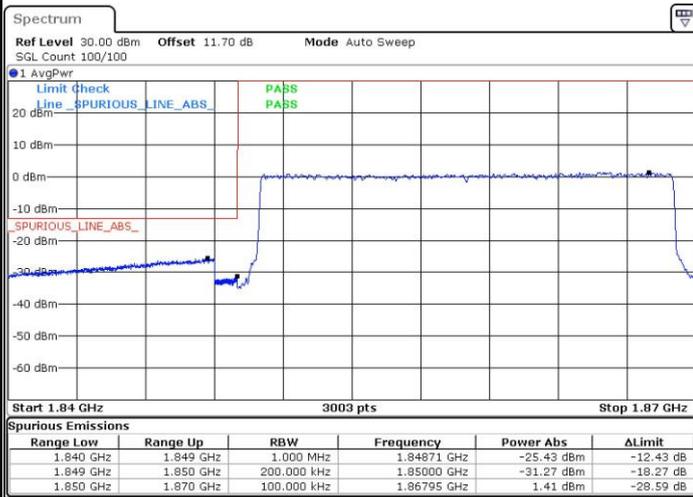
Date: 1.DEC.2016 22:46:25

Highest Band Edge / 1 RB



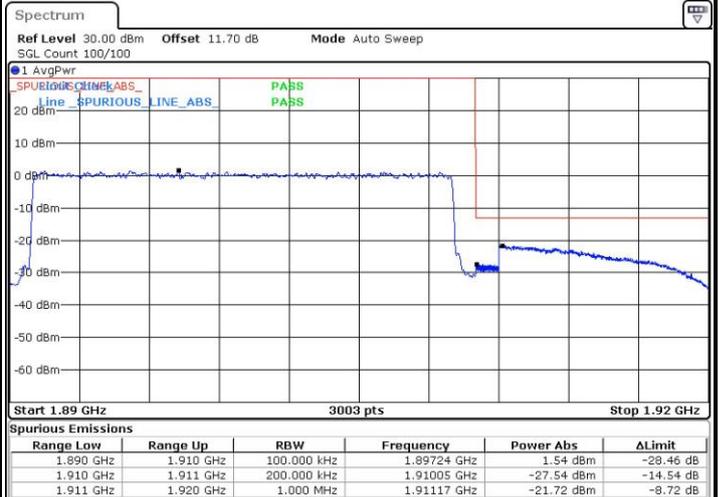
Date: 1.DEC.2016 22:56:30

Lowest Band Edge / Full RB



Date: 1.DEC.2016 22:48:44

Highest Band Edge / Full RB

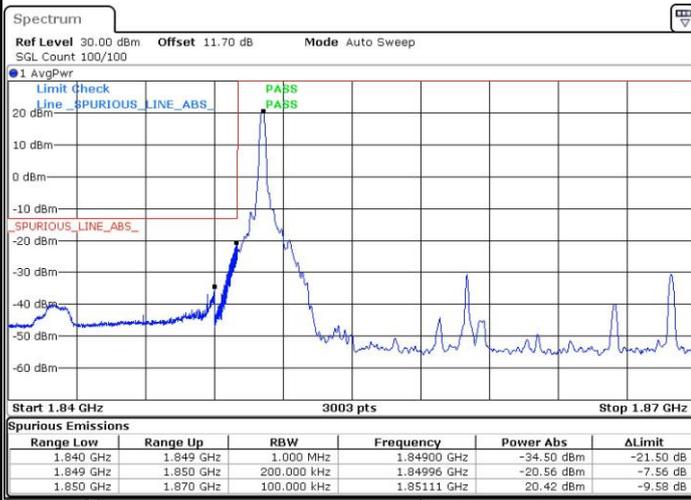


Date: 1.DEC.2016 22:58:49



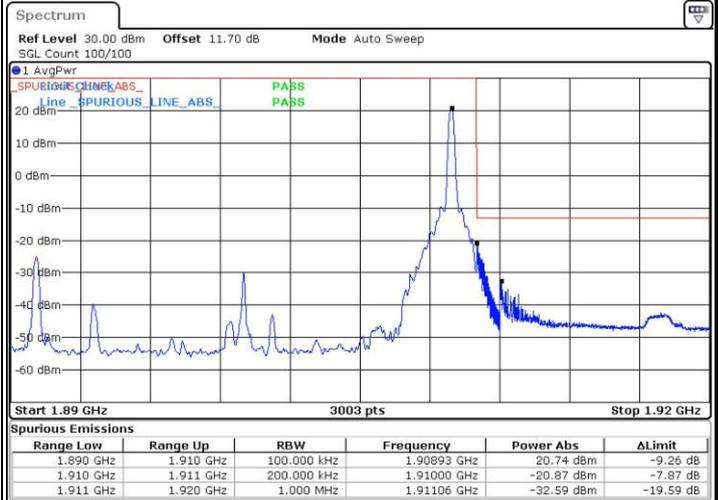
LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



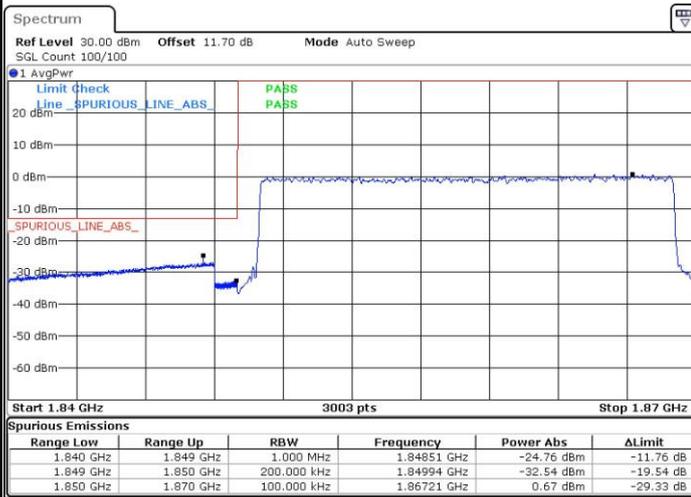
Date: 1.DEC.2016 22:47:34

Highest Band Edge / 1 RB



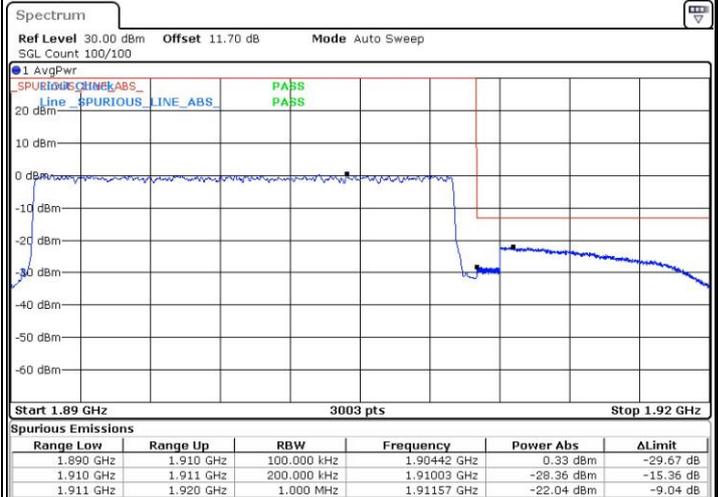
Date: 1.DEC.2016 22:57:39

Lowest Band Edge / Full RB



Date: 1.DEC.2016 22:49:53

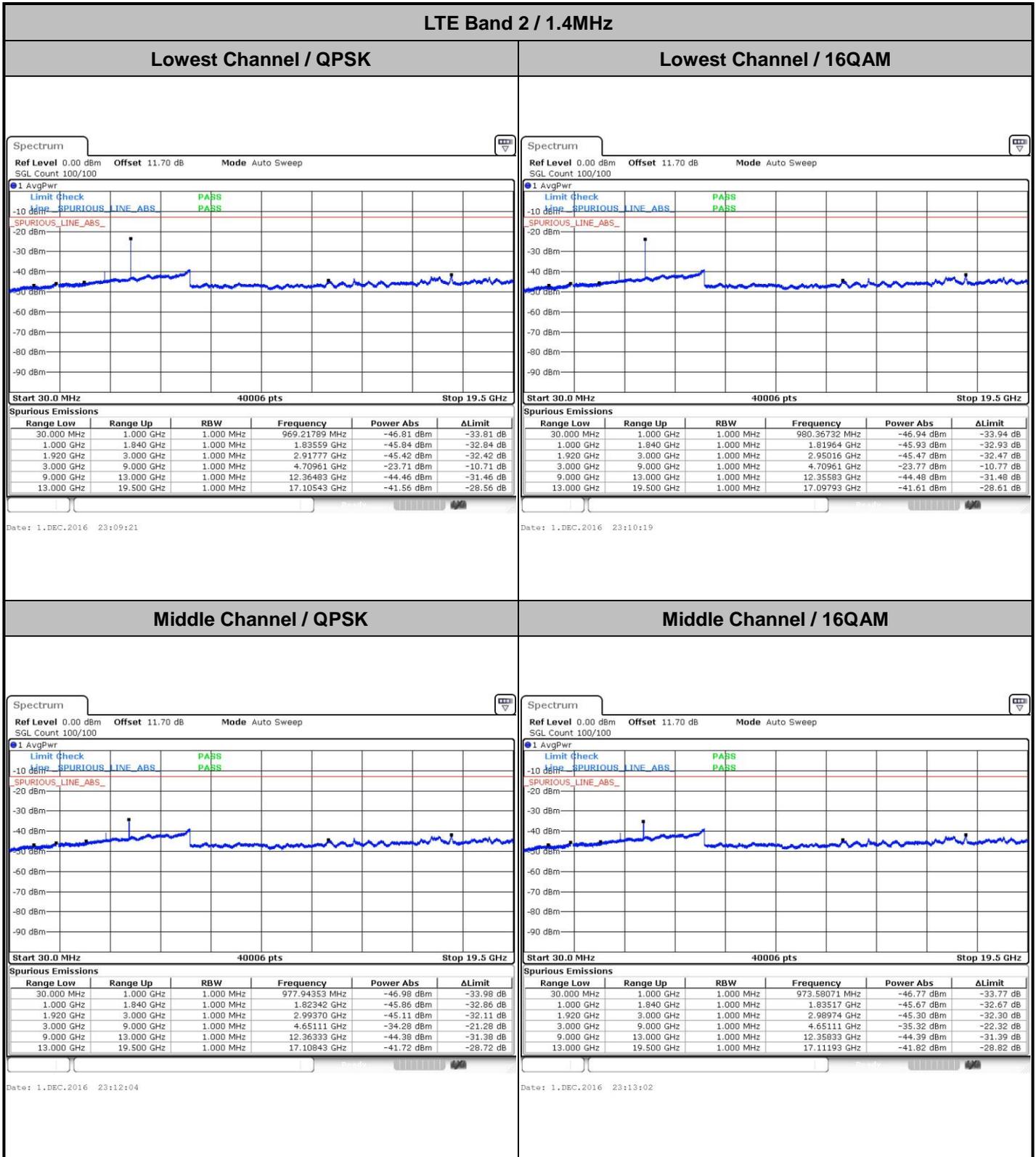
Highest Band Edge / Full RB



Date: 1.DEC.2016 22:59:58



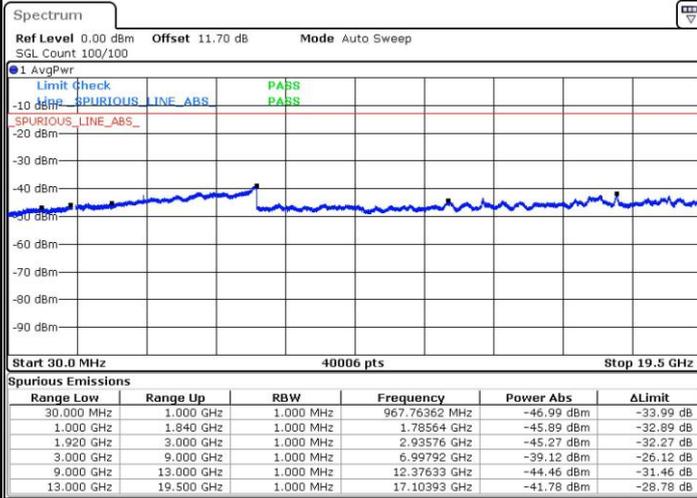
Conducted Spurious Emission





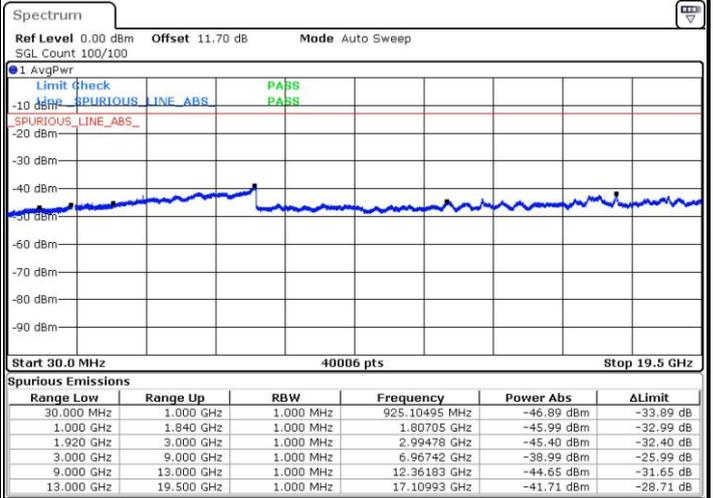
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 1.DEC.2016 23:19:25

Highest Channel / 16QAM



Date: 1.DEC.2016 23:20:22

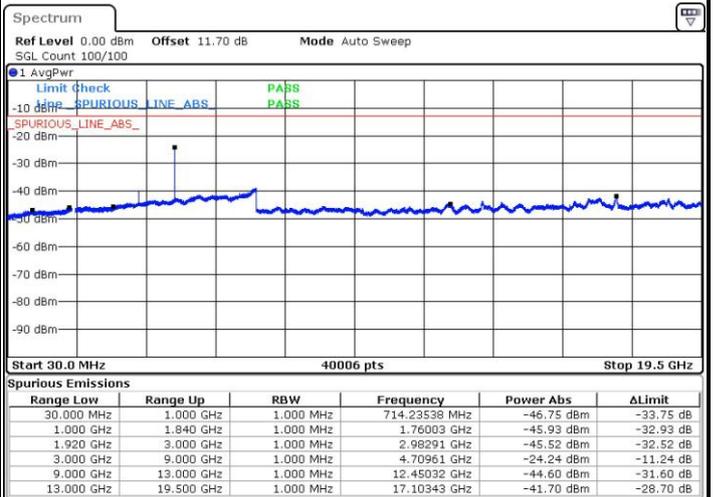
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 1.DEC.2016 21:41:05

Lowest Channel / 16QAM



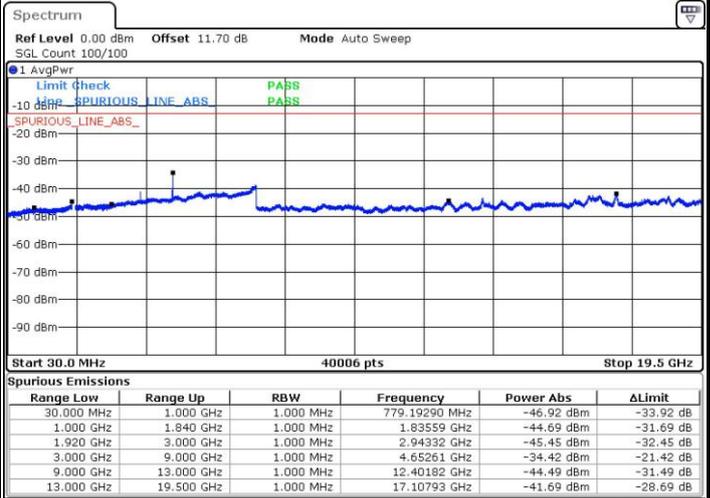
Date: 1.DEC.2016 21:42:04



LTE Band 2 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

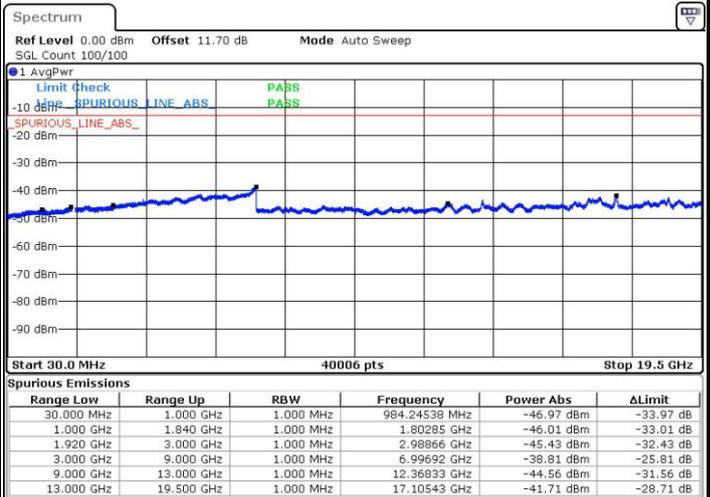
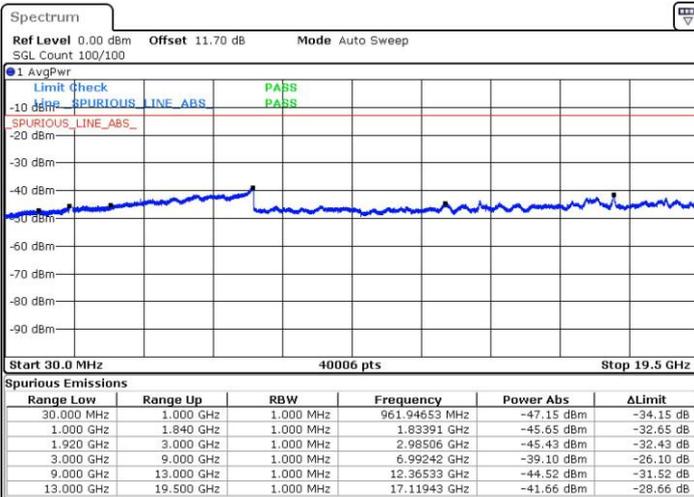


Date: 1.DEC.2016 21:43:49

Date: 1.DEC.2016 21:44:47

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.DEC.2016 21:51:10

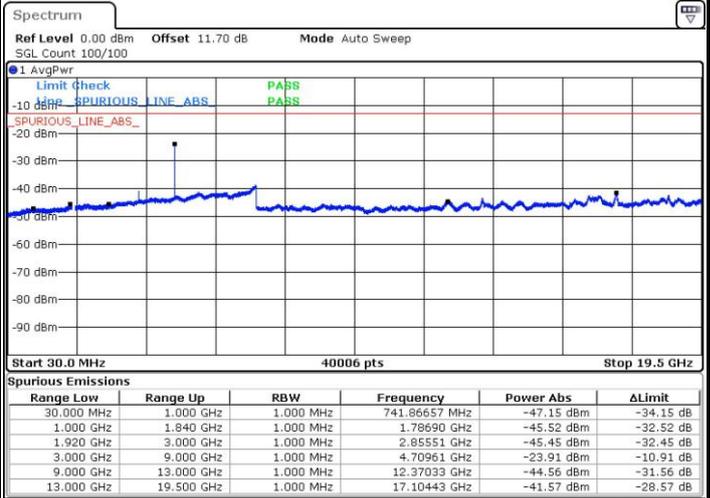
Date: 1.DEC.2016 21:52:08



LTE Band 2 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

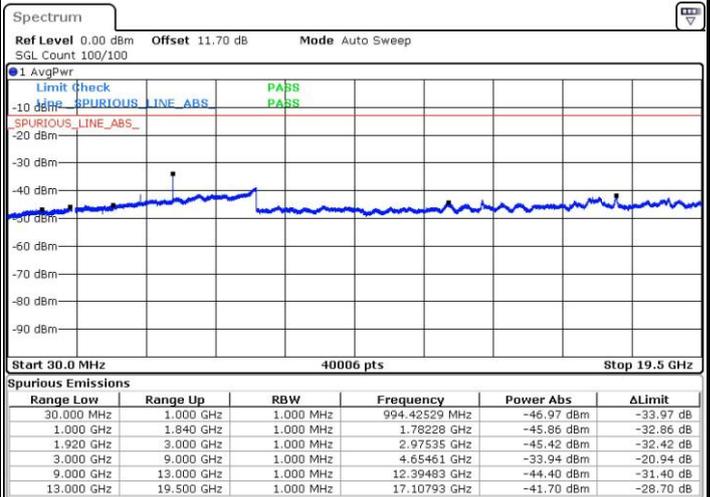
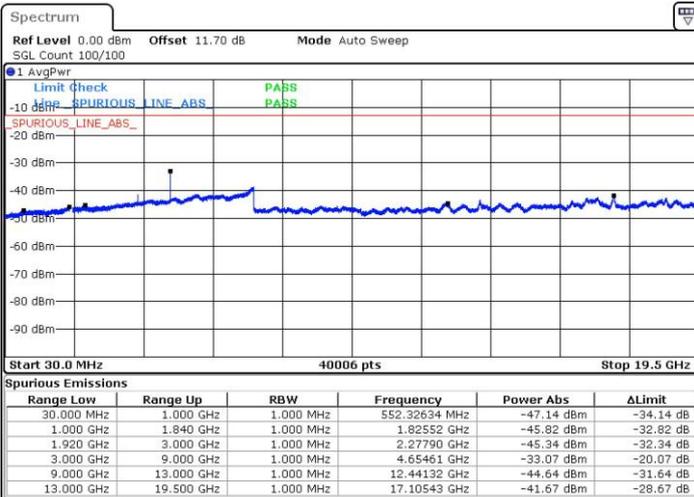


Date: 1.DEC.2016 21:58:31

Date: 1.DEC.2016 21:59:30

Middle Channel / QPSK

Middle Channel / 16QAM



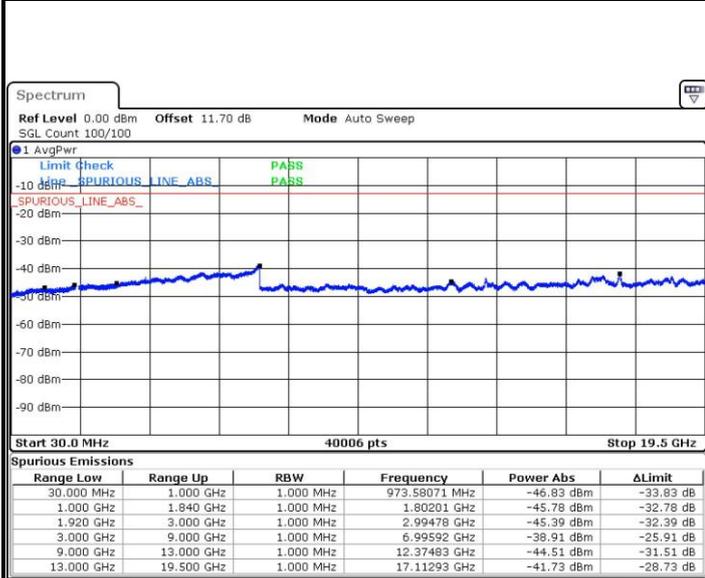
Date: 1.DEC.2016 22:01:15

Date: 1.DEC.2016 22:02:14



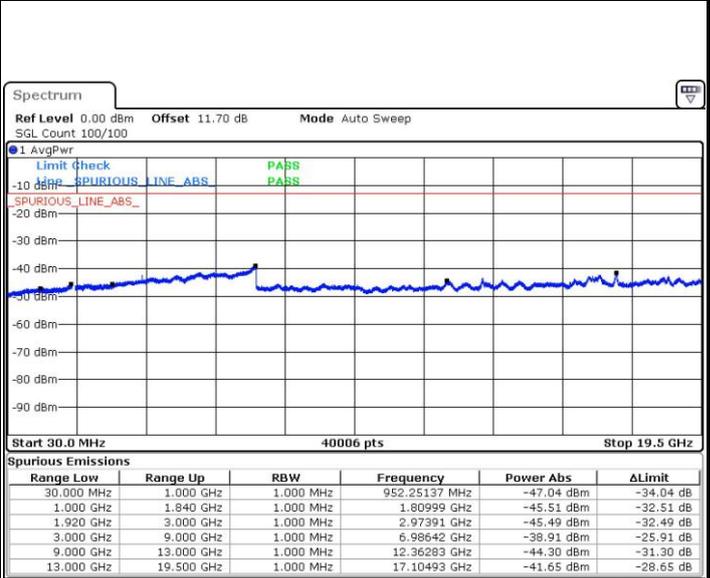
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 1.DEC.2016 22:08:37

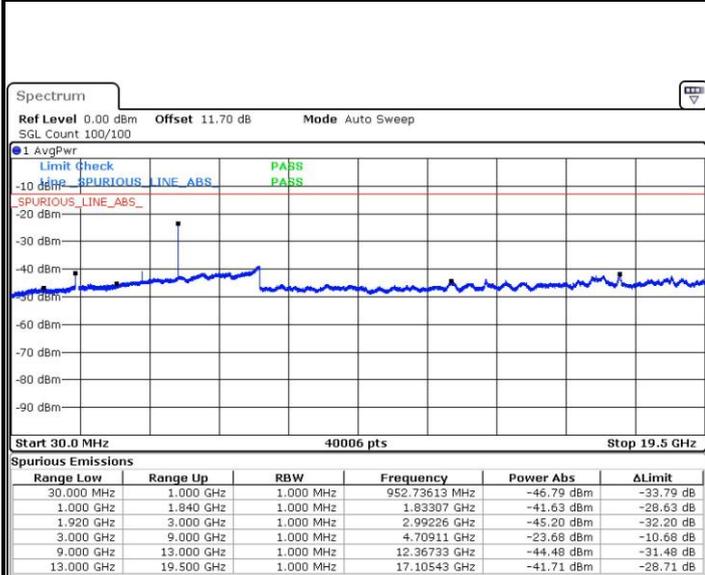
Highest Channel / 16QAM



Date: 1.DEC.2016 22:09:35

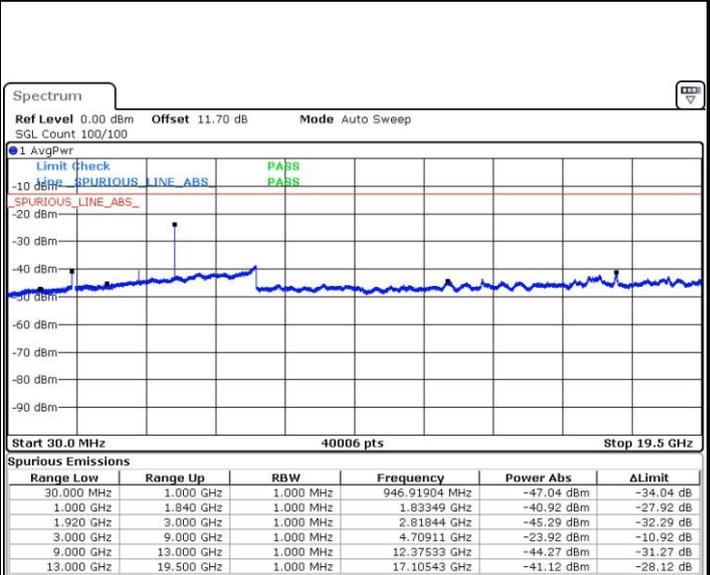
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 1.DEC.2016 22:15:58

Lowest Channel / 16QAM



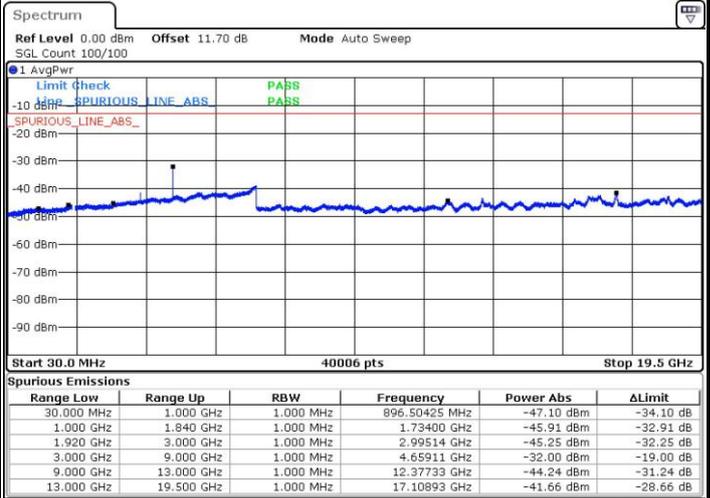
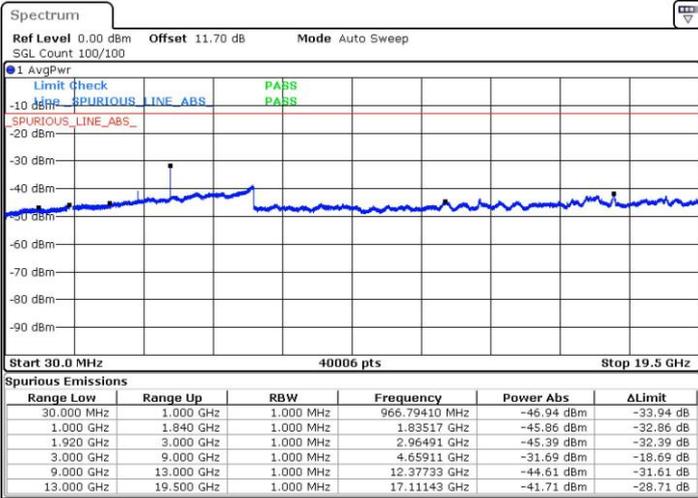
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LTE Band 2 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

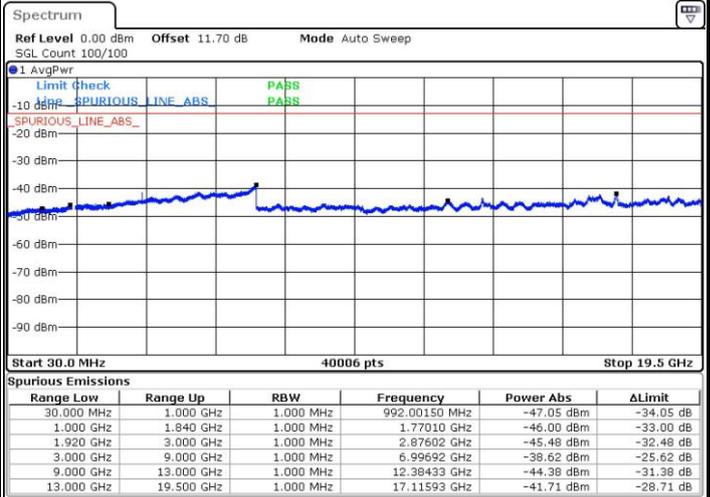


Date: 1.DEC.2016 22:16:42

Date: 1.DEC.2016 22:19:40

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.DEC.2016 22:26:03

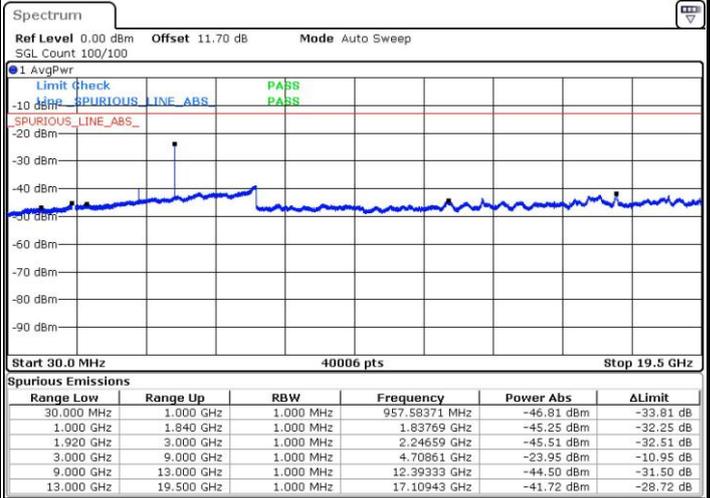
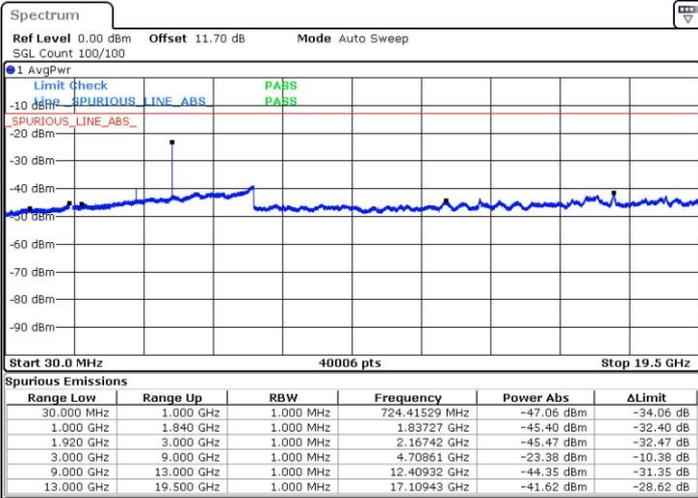
Date: 1.DEC.2016 22:27:01



LTE Band 2 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

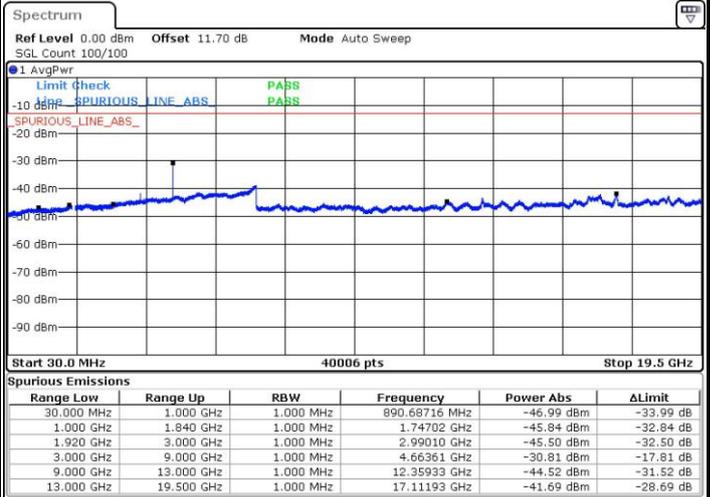


Date: 1.DEC.2016 22:33:24

Date: 1.DEC.2016 22:34:22

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 1.DEC.2016 22:36:08

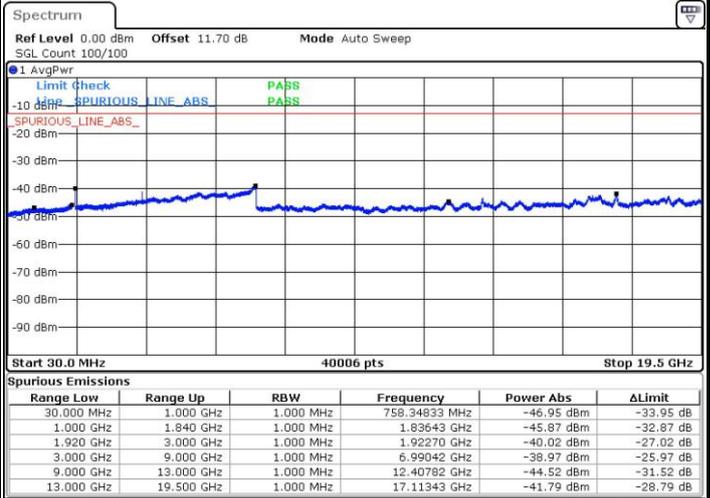
Date: 1.DEC.2016 22:37:06



LTE Band 2 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



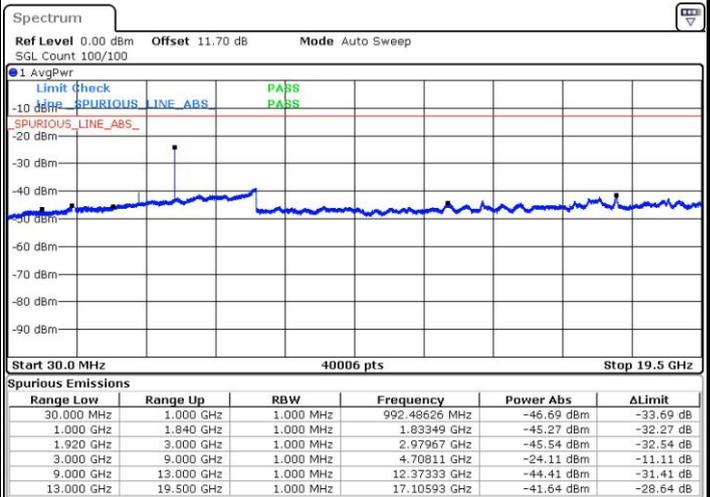
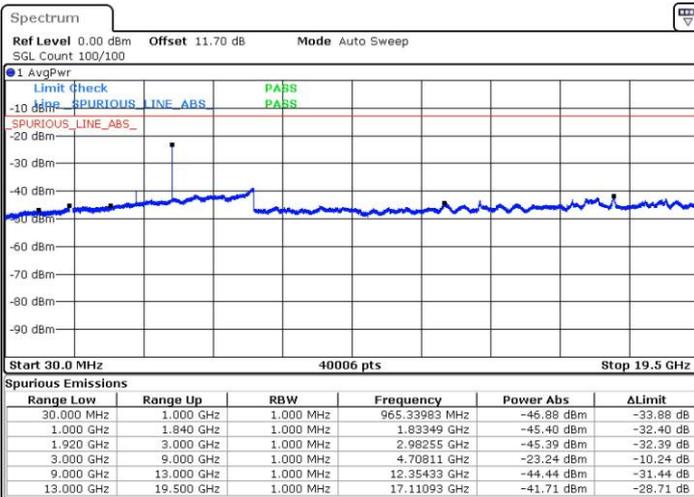
Date: 1.DEC.2016 22:43:29

Date: 1.DEC.2016 22:44:27

LTE Band 2 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



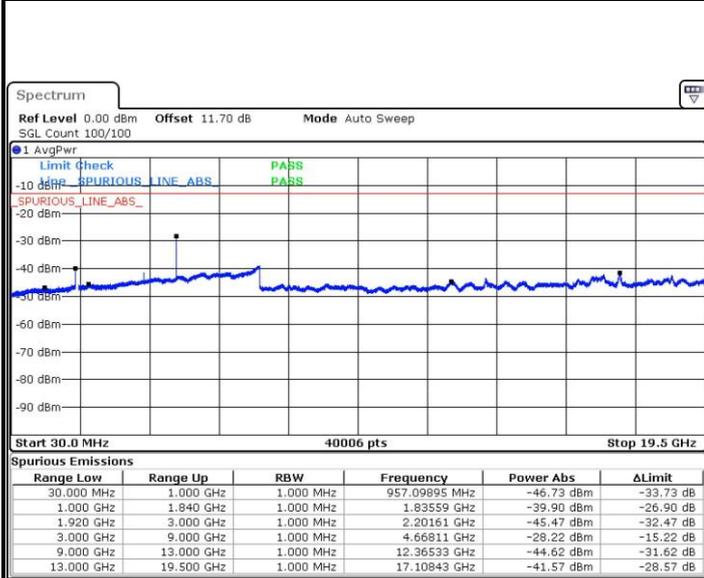
Date: 1.DEC.2016 22:50:50

Date: 1.DEC.2016 22:51:49



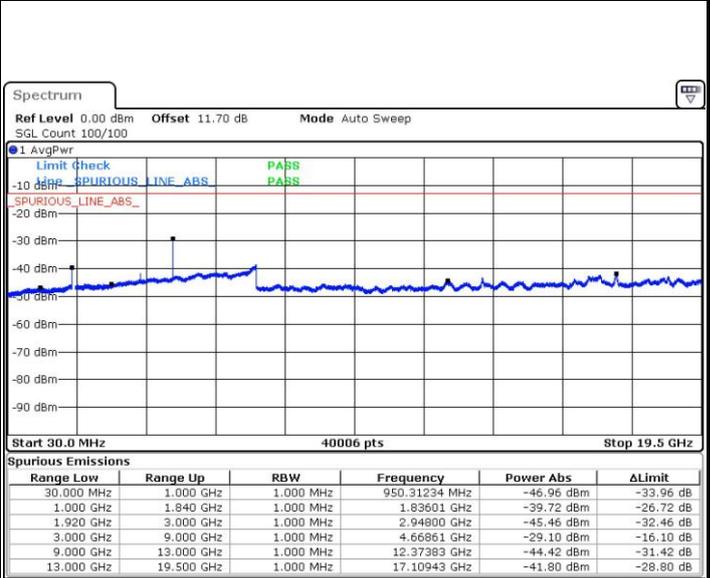
LTE Band 2 / 20MHz

Middle Channel / QPSK



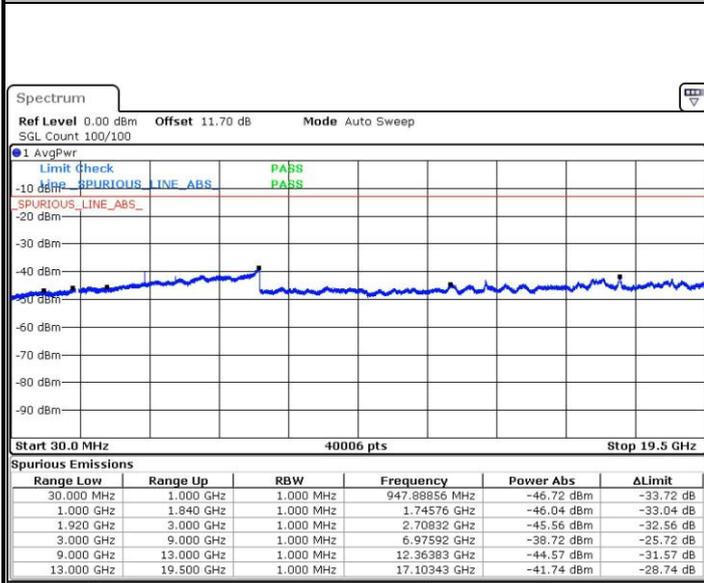
Date: 1.DEC.2016 22:53:34

Middle Channel / 16QAM



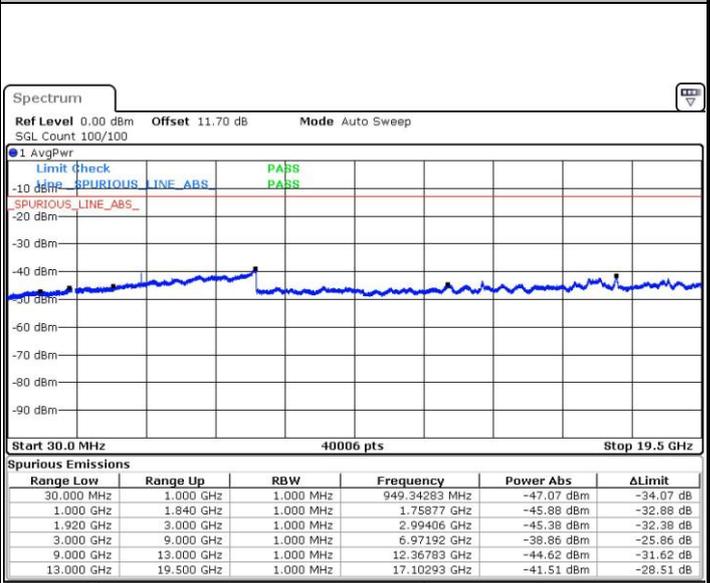
Date: 1.DEC.2016 22:54:32

Highest Channel / QPSK



Date: 1.DEC.2016 23:00:55

Highest Channel / 16QAM



Date: 1.DEC.2016 23:01:53



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	0.0090	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0083	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0078	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0076	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0078	
20	Maximum Voltage	0.0079	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0082	

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 5

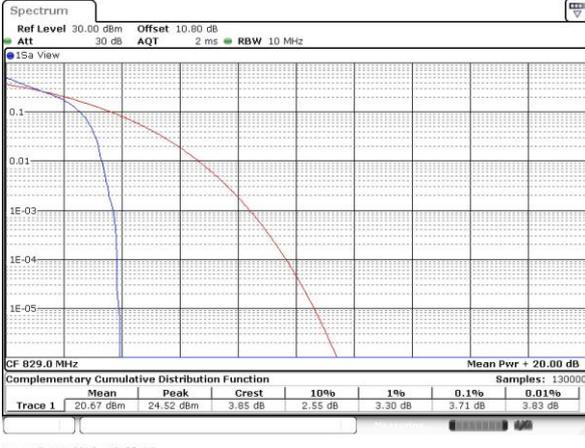
Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.71	5.42	4.81	6.2	PASS
Middle CH	3.97	5.25	5.1	6.14	
Highest CH	3.74	4.9	4.9	5.88	



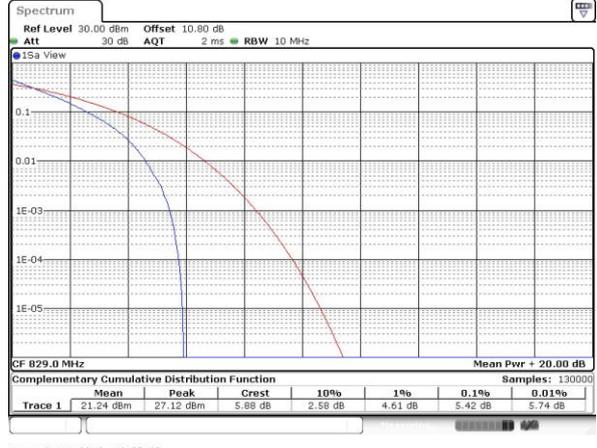
LTE Band 5 / 10MHz / QPSK

Lowest Channel / 1RB



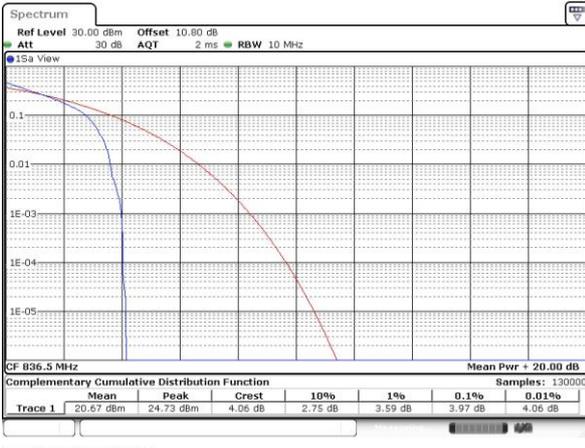
Date: 2.DEC.2016 10:55:14

Lowest Channel / Full RB



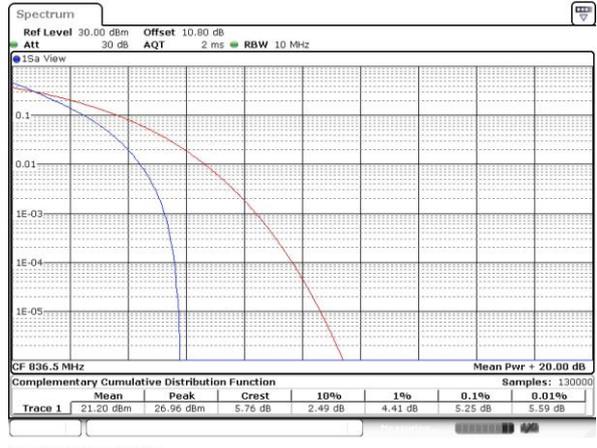
Date: 2.DEC.2016 10:55:49

Middle Channel / 1RB



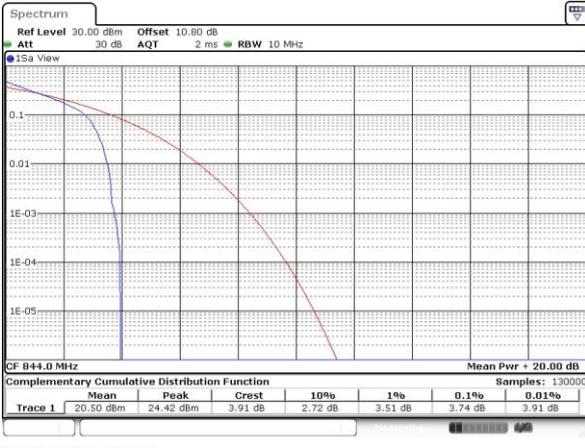
Date: 2.DEC.2016 10:56:13

Middle Channel / Full RB



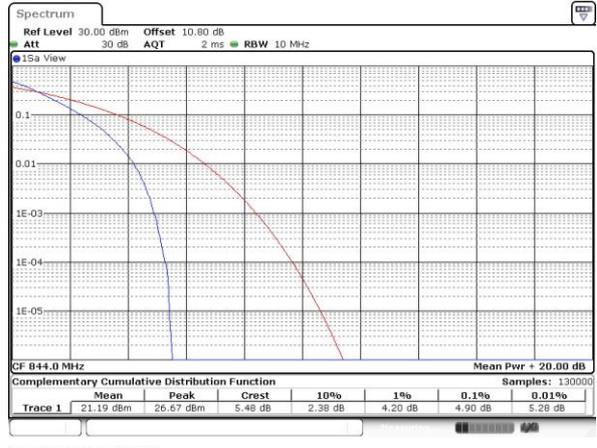
Date: 2.DEC.2016 10:56:34

Highest Channel / 1RB



Date: 2.DEC.2016 10:56:46

Highest Channel / Full RB



Date: 2.DEC.2016 10:56:59