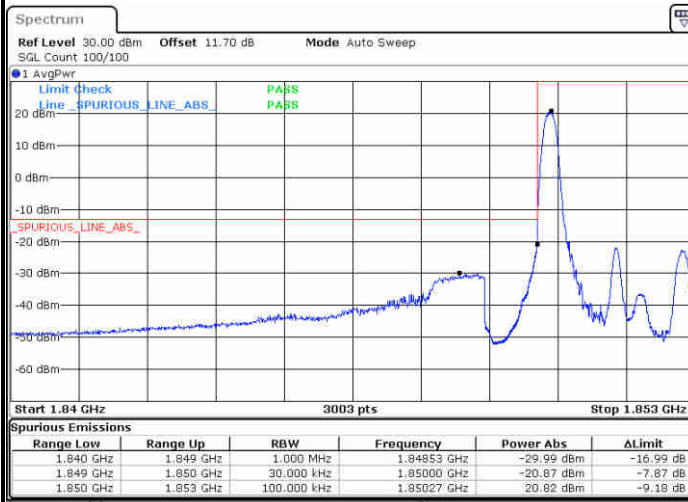




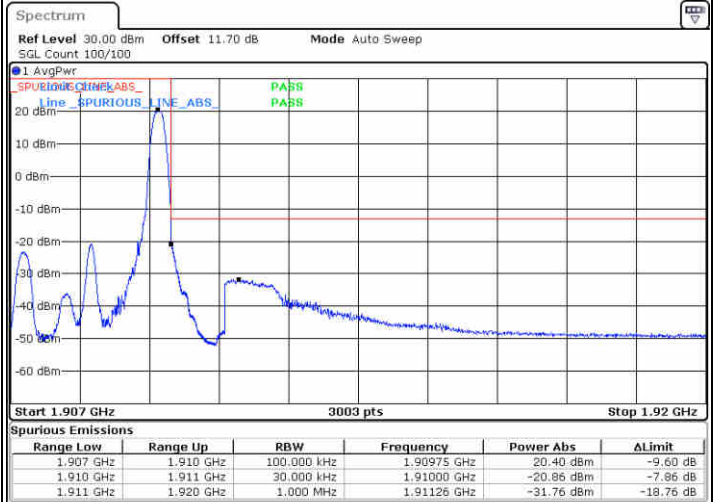
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



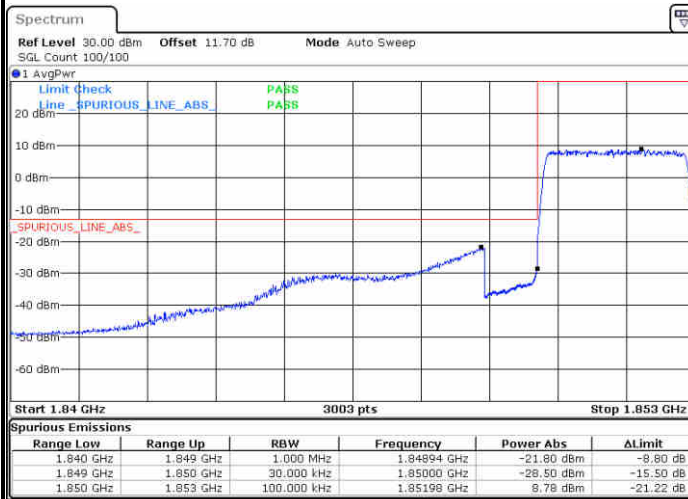
Date: 30.SEP.2017 15:41:57

Highest Band Edge / 1 RB



Date: 30.SEP.2017 15:51:28

Lowest Band Edge / Full RB



Date: 30.SEP.2017 15:44:15

Highest Band Edge / Full RB

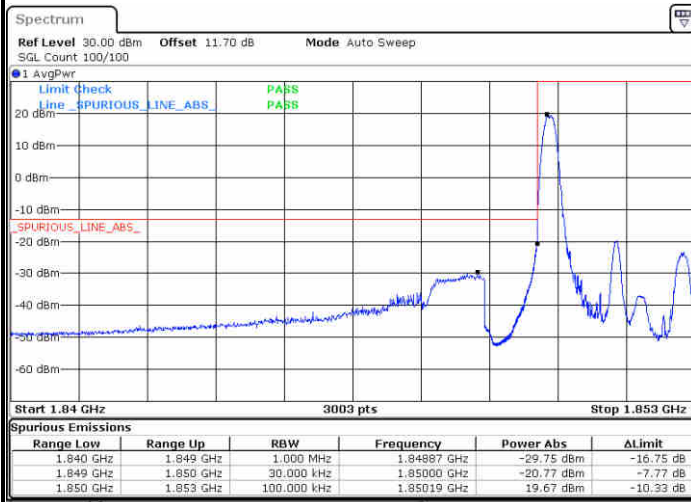


Date: 30.SEP.2017 15:53:46

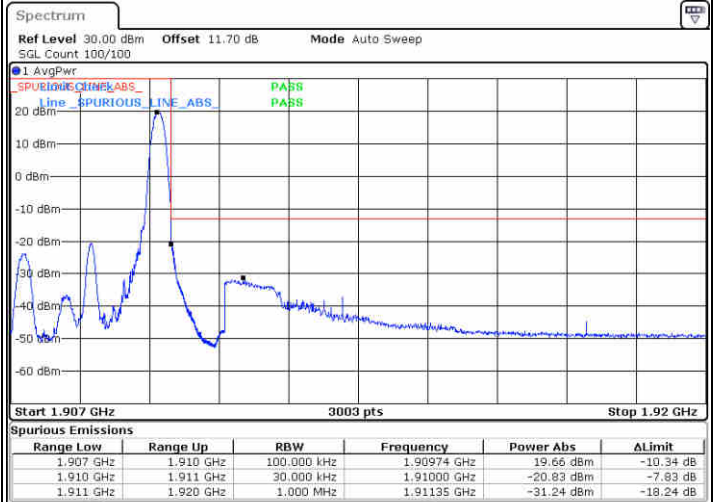


LTE Band 2 / 3MHz / 16QAM

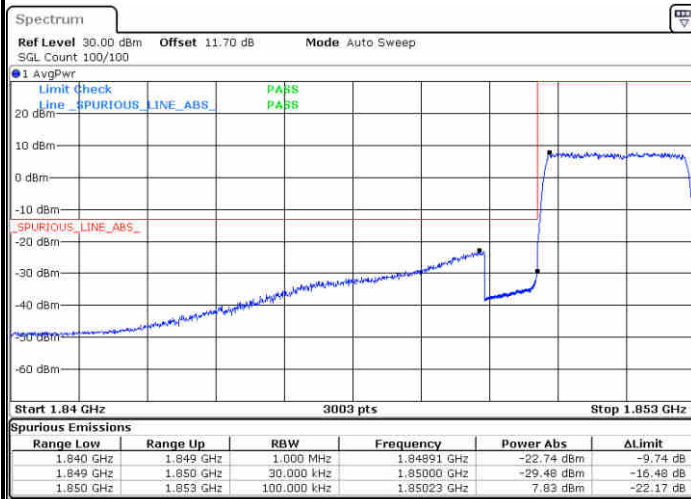
Lowest Band Edge / 1 RB



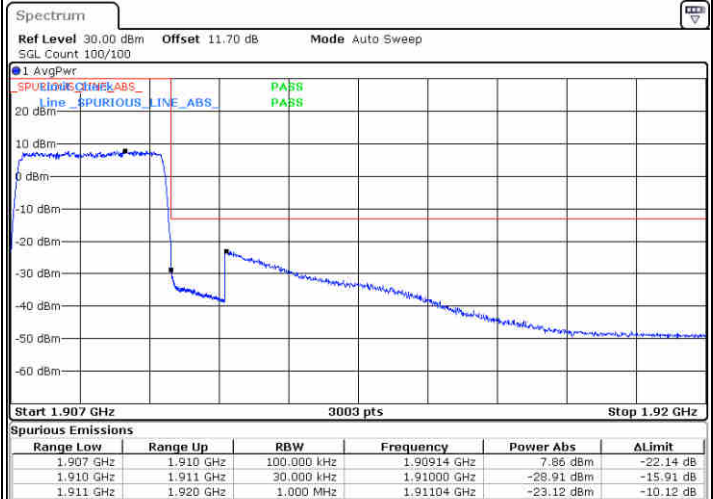
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



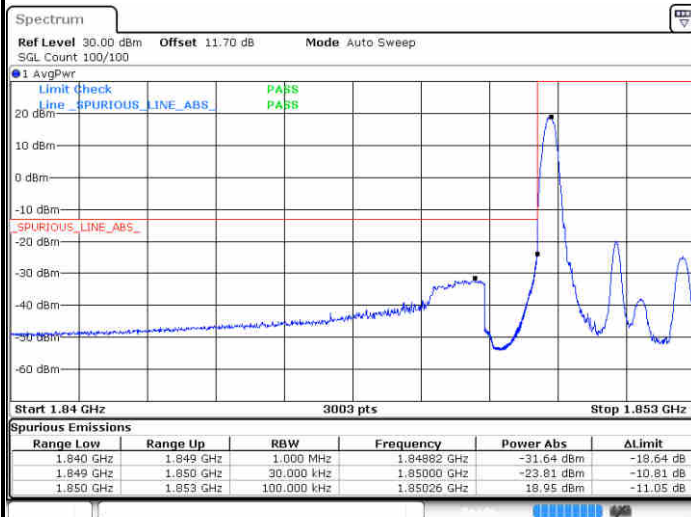
Highest Band Edge / Full RB



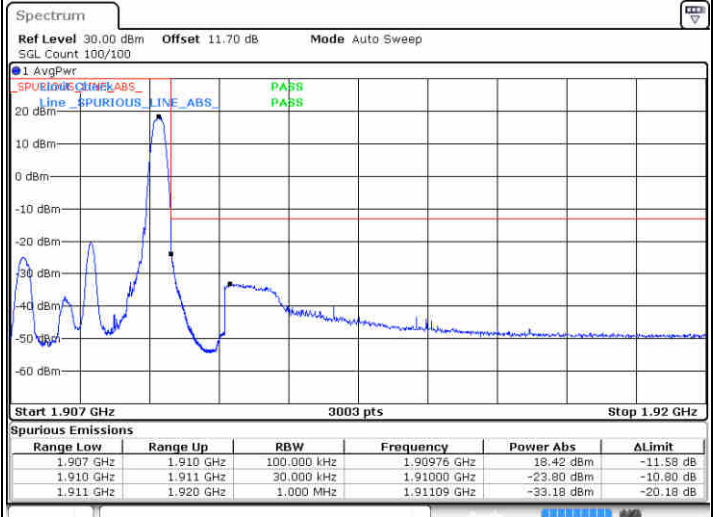


LTE Band 2 / 3MHz / 64QAM

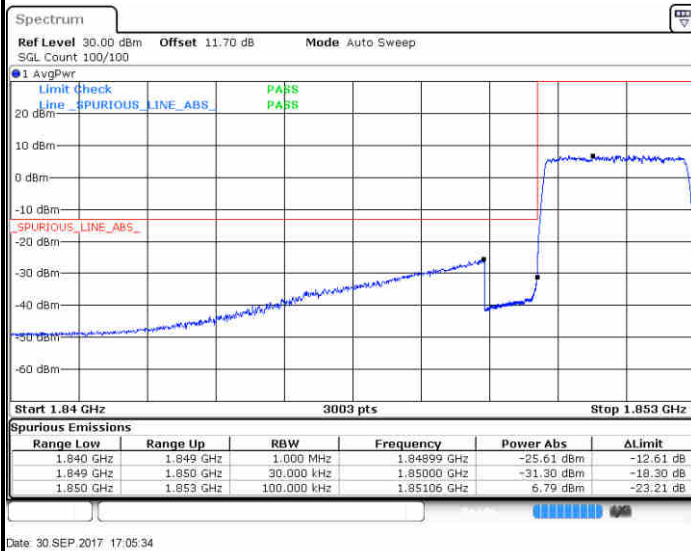
Lowest Band Edge / 1 RB



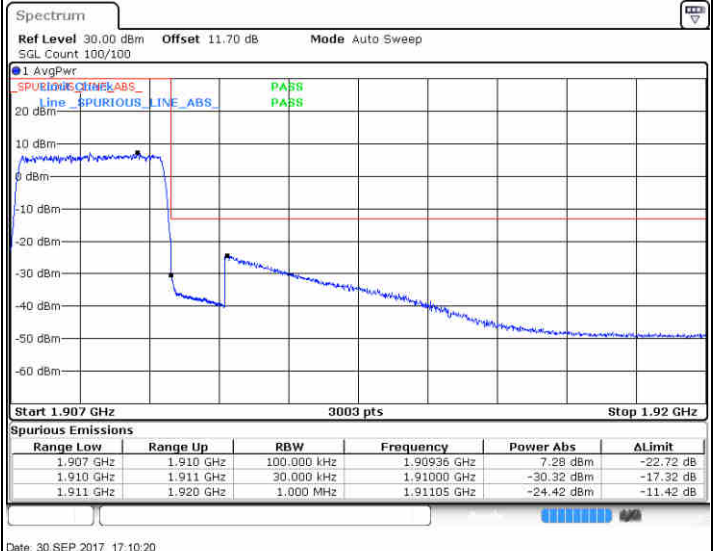
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



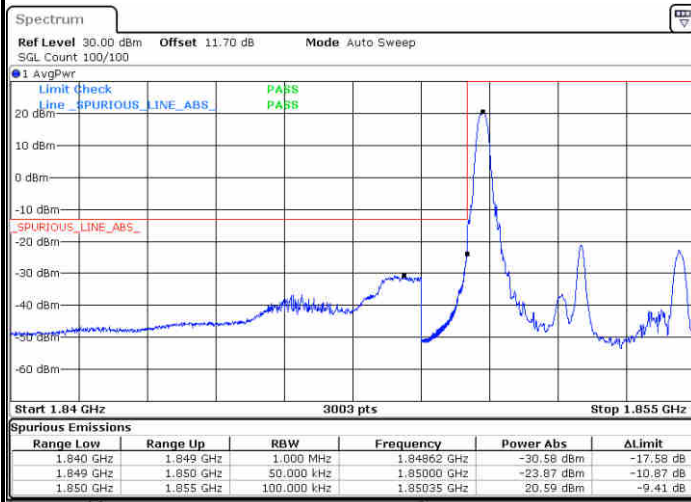
Highest Band Edge / Full RB





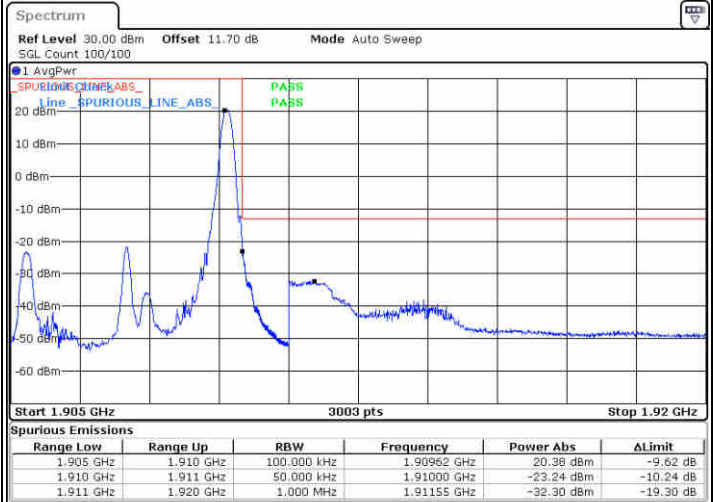
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB



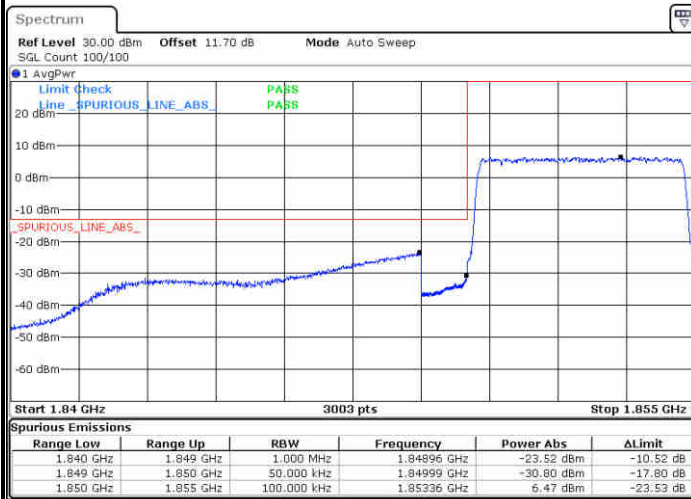
Date: 30.SEP.2017 15:58:31

Highest Band Edge / 1 RB



Date: 30.SEP.2017 16:08:02

Lowest Band Edge / Full RB



Date: 30.SEP.2017 16:00:49

Highest Band Edge / Full RB

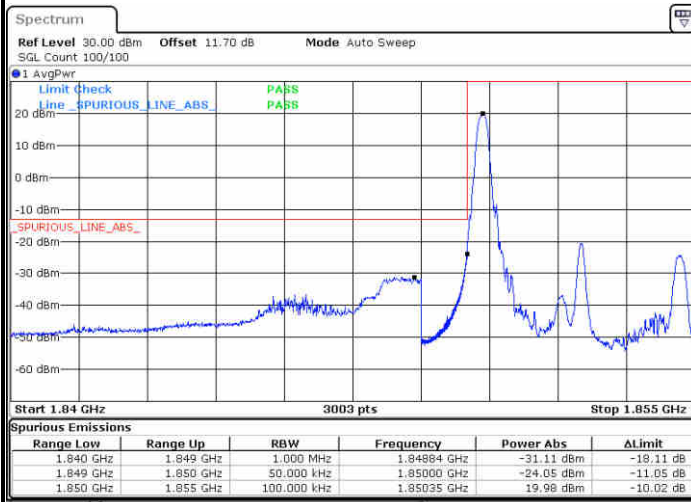


Date: 30.SEP.2017 16:10:20



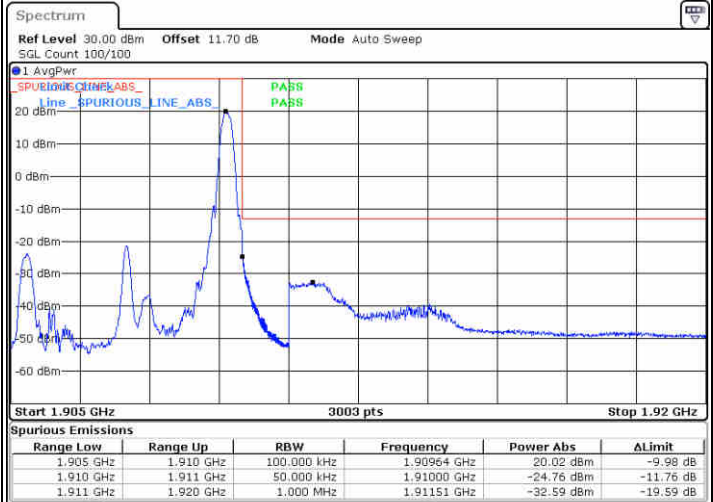
LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB



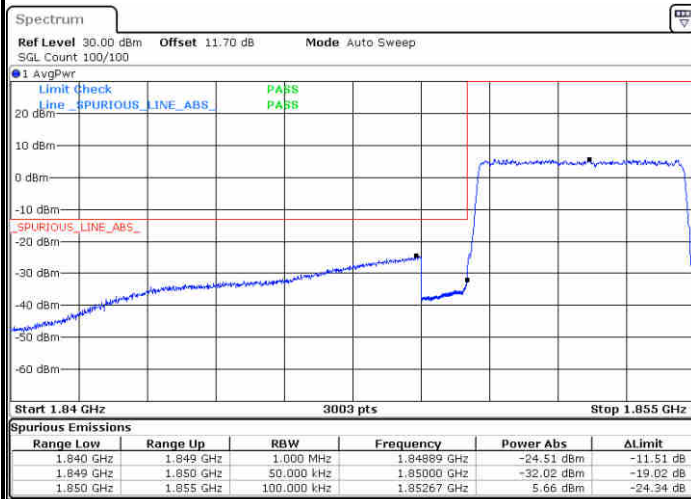
Date: 30.SEP.2017 15:59:40

Highest Band Edge / 1 RB



Date: 30.SEP.2017 16:08:11

Lowest Band Edge / Full RB



Date: 30.SEP.2017 16:01:57

Highest Band Edge / Full RB

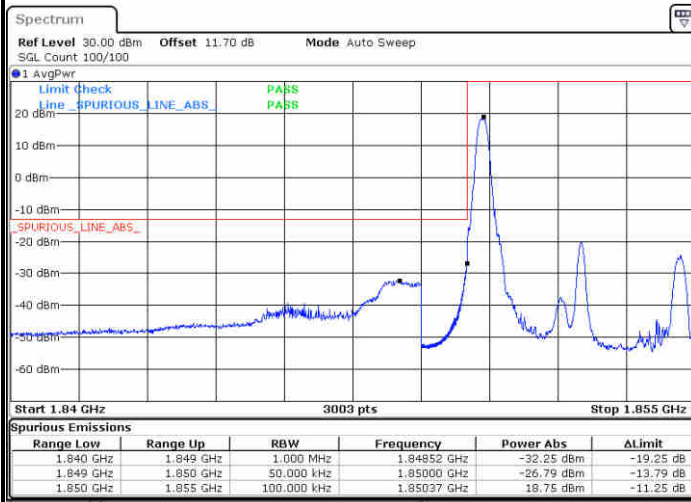


Date: 30.SEP.2017 16:11:28

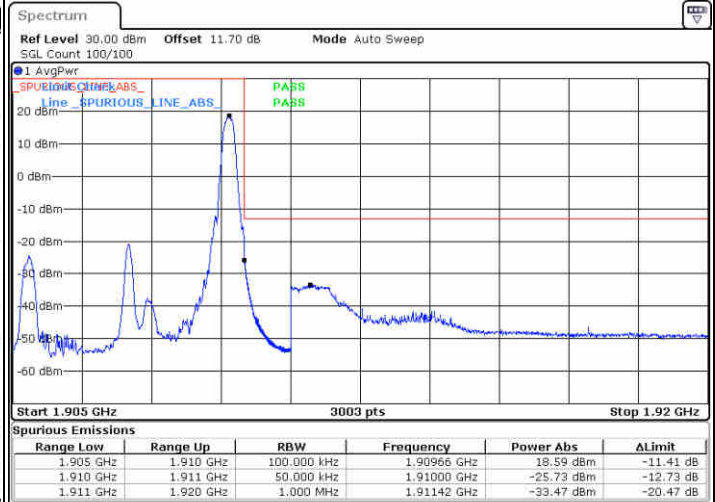


LTE Band 2 / 5MHz / 64QAM

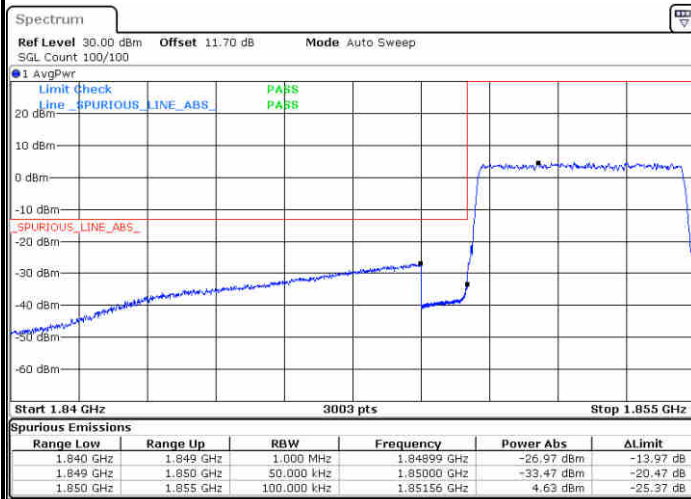
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



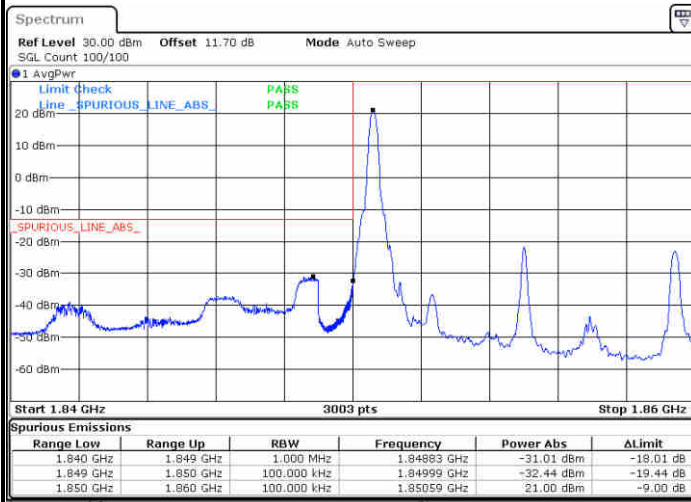
Highest Band Edge / Full RB



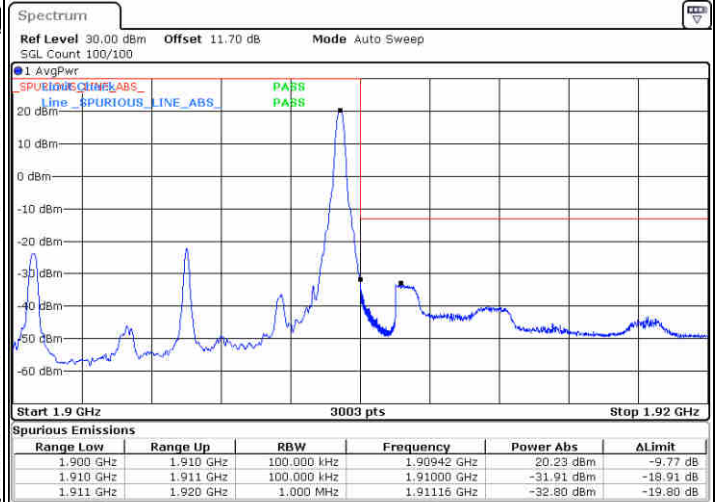


LTE Band 2 / 10MHz / QPSK

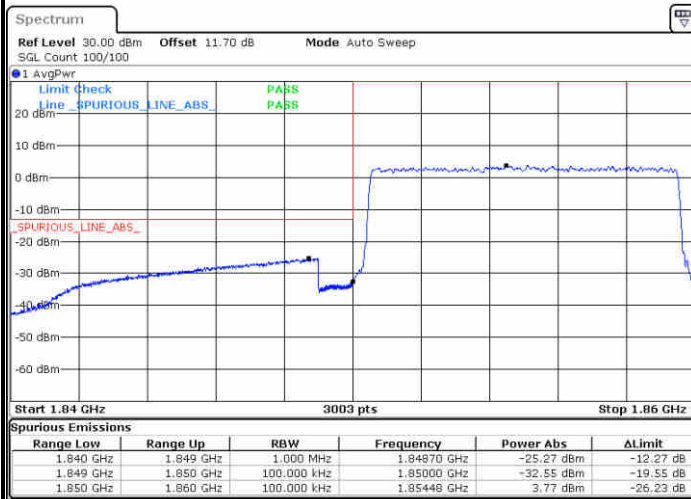
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



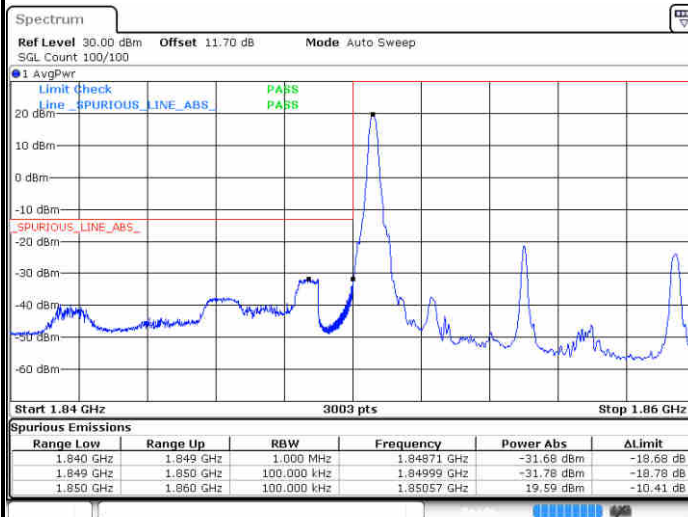
Highest Band Edge / Full RB



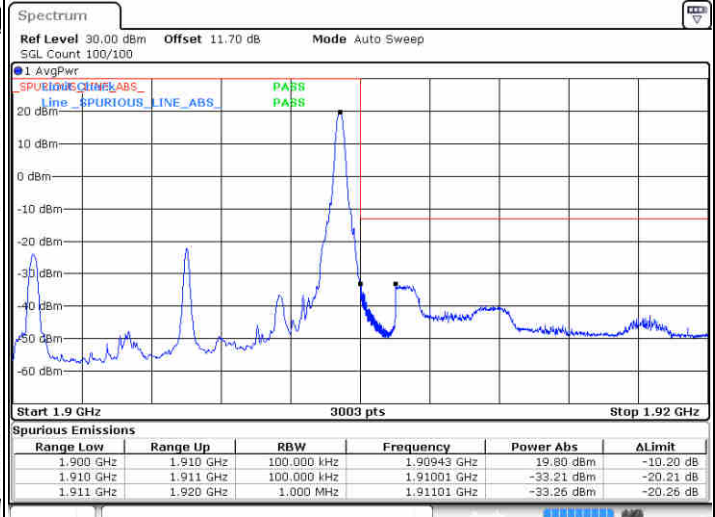


LTE Band 2 / 10MHz / 16QAM

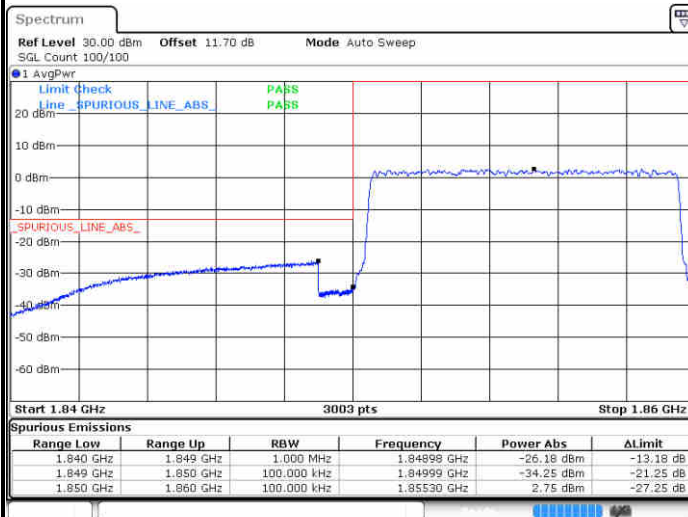
Lowest Band Edge / 1 RB



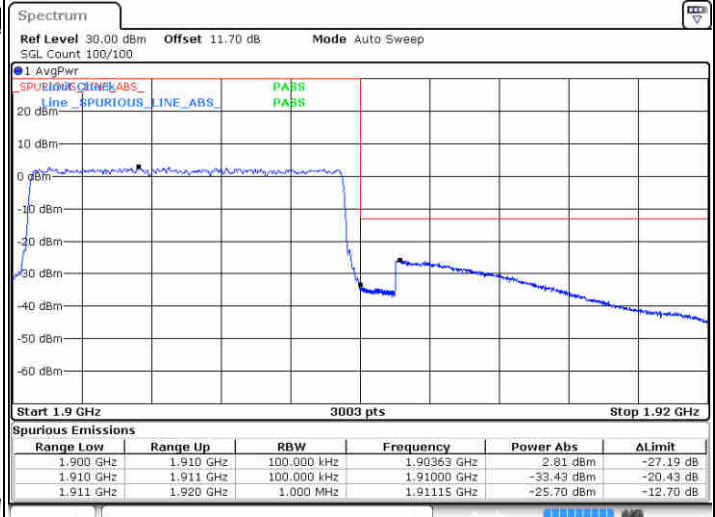
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



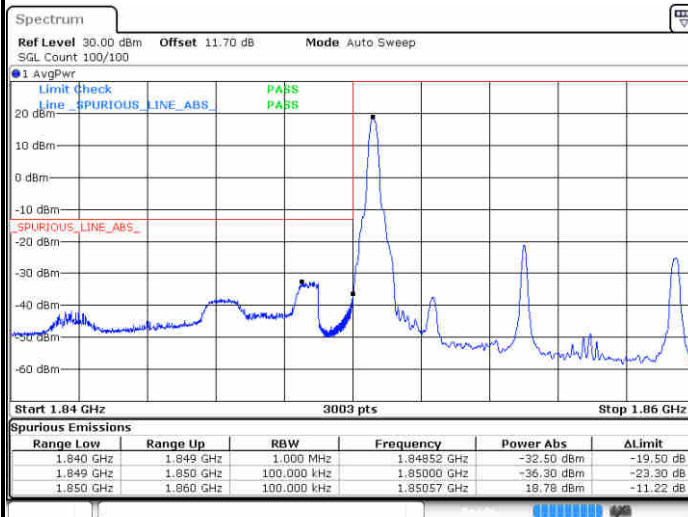
Highest Band Edge / Full RB



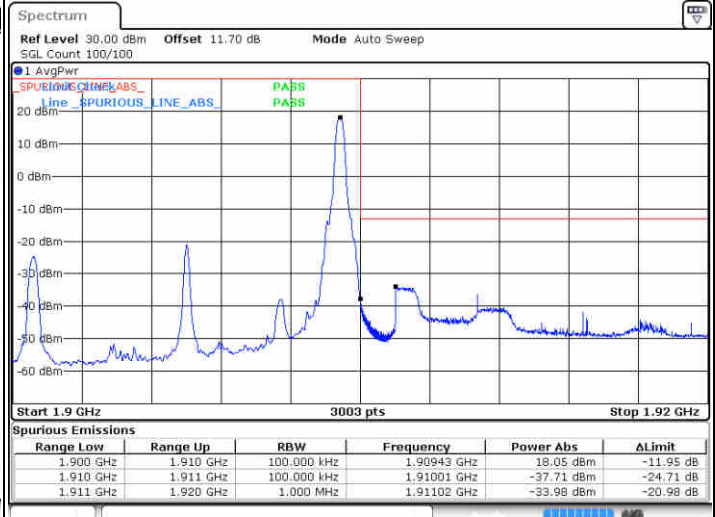


LTE Band 2 / 10MHz / 64QAM

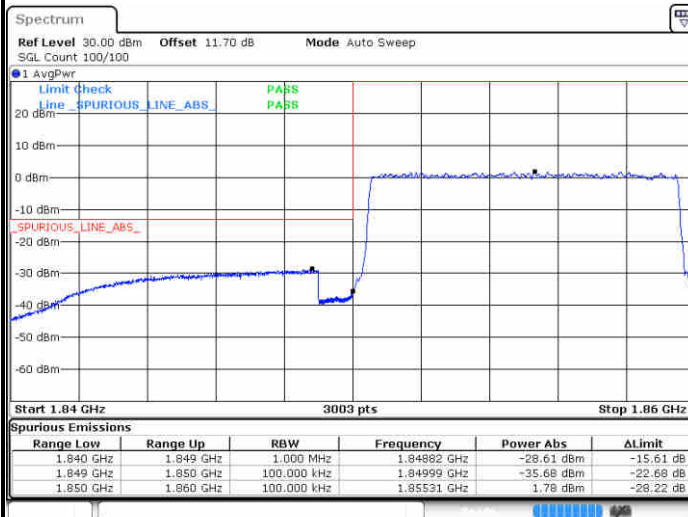
Lowest Band Edge / 1 RB



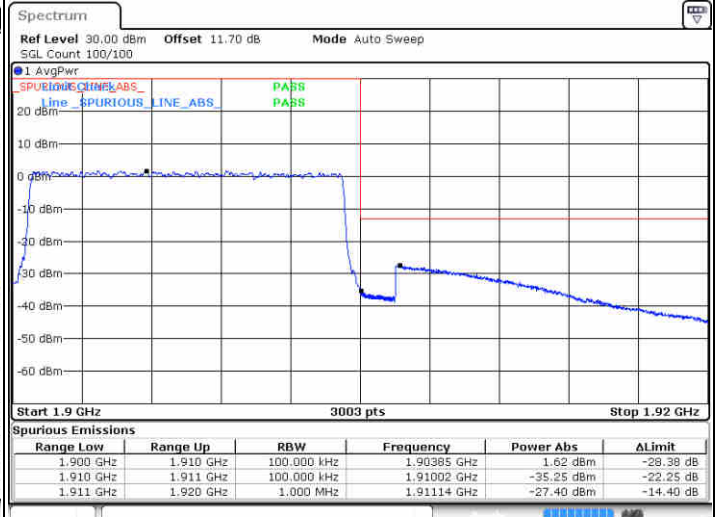
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



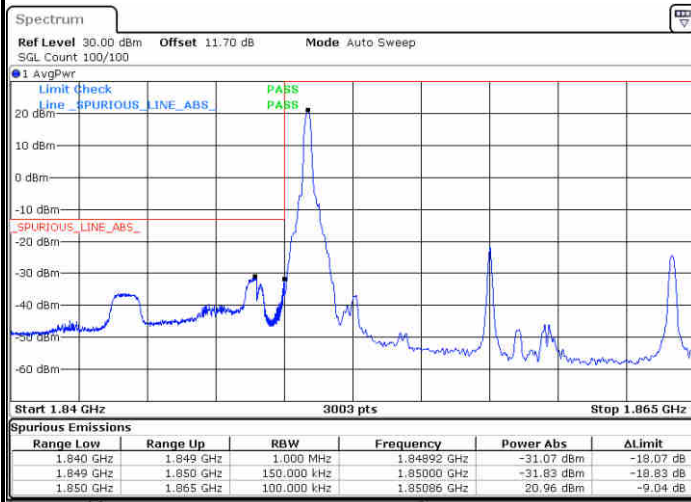
Highest Band Edge / Full RB





LTE Band 2 / 15MHz / QPSK

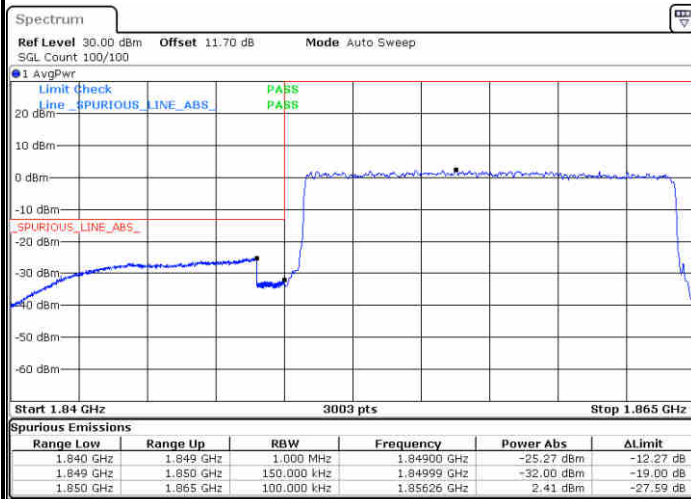
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



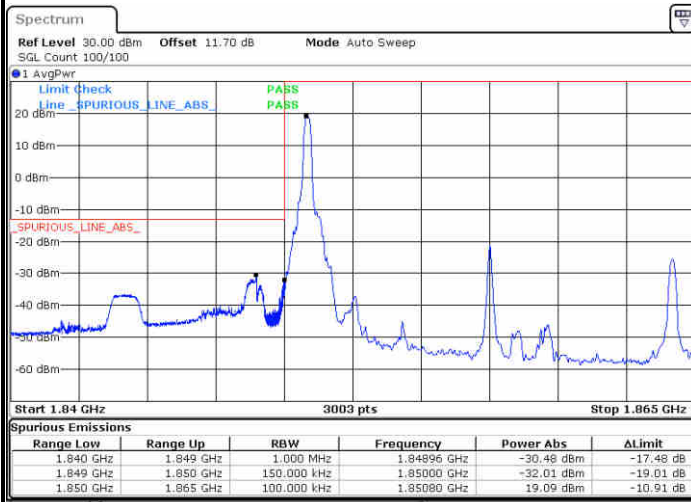
Highest Band Edge / Full RB



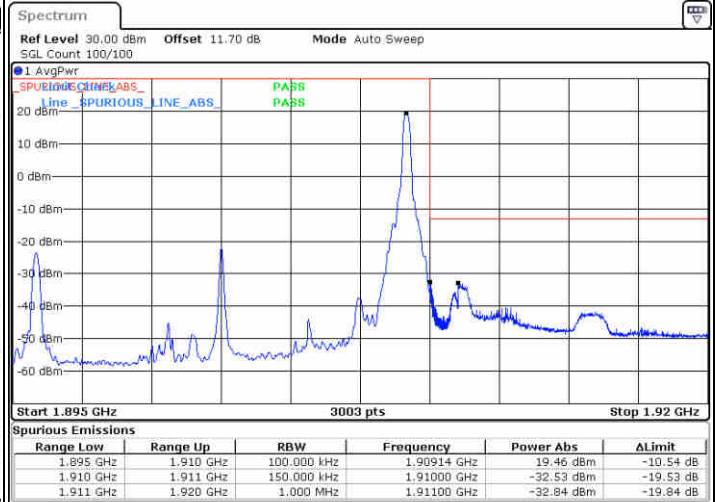


LTE Band 2 / 15MHz / 16QAM

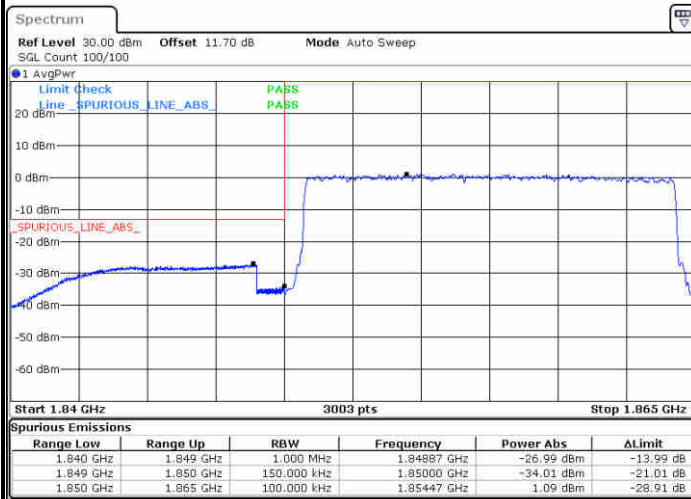
Lowest Band Edge / 1 RB



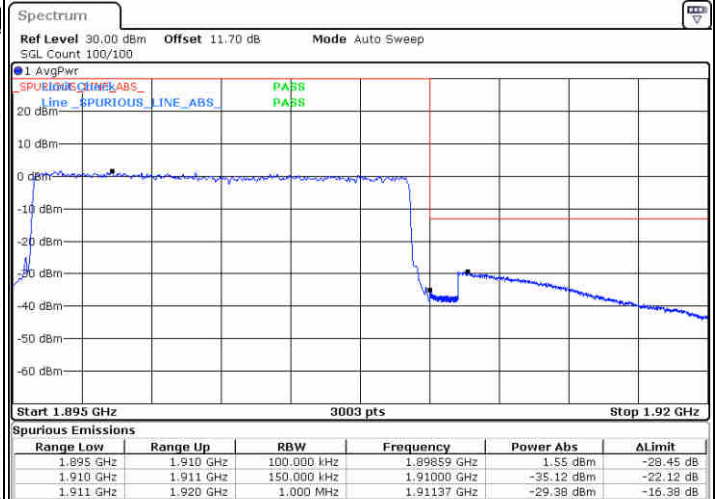
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



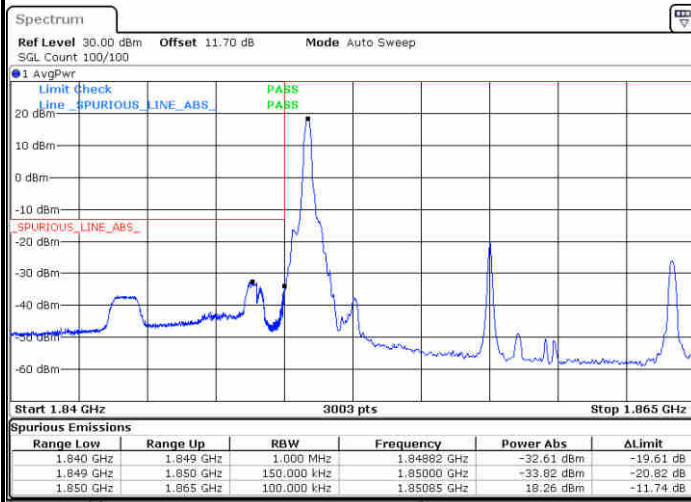
Highest Band Edge / Full RB





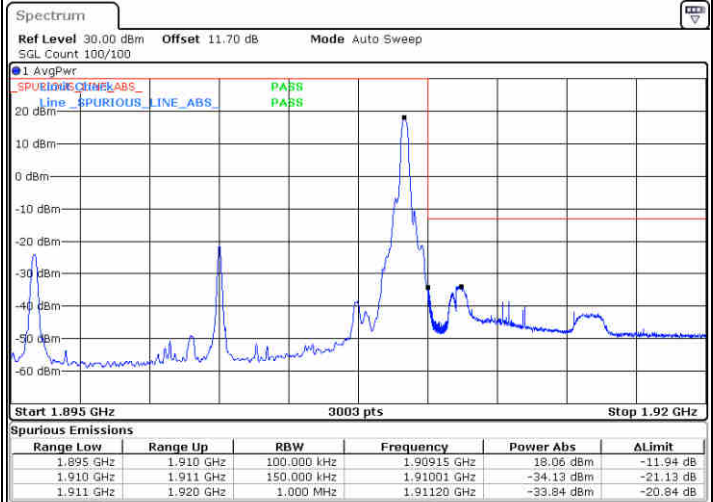
LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



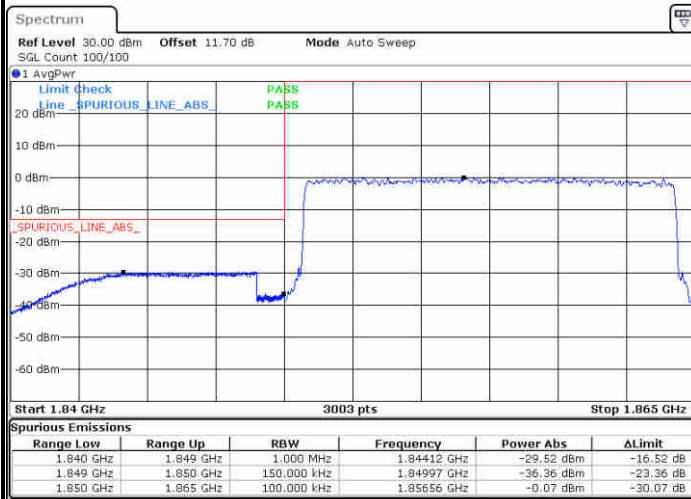
Date: 30.SEP.2017 17:29:16

Highest Band Edge / 1 RB



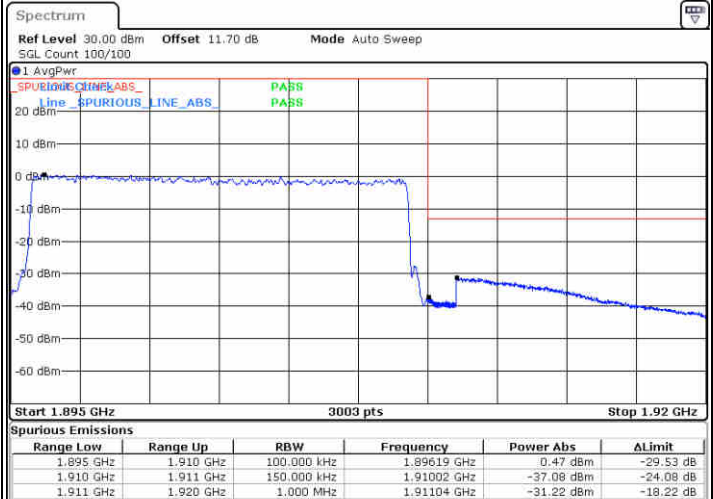
Date: 30.SEP.2017 17:34:02

Lowest Band Edge / Full RB



Date: 30.SEP.2017 17:30:25

Highest Band Edge / Full RB

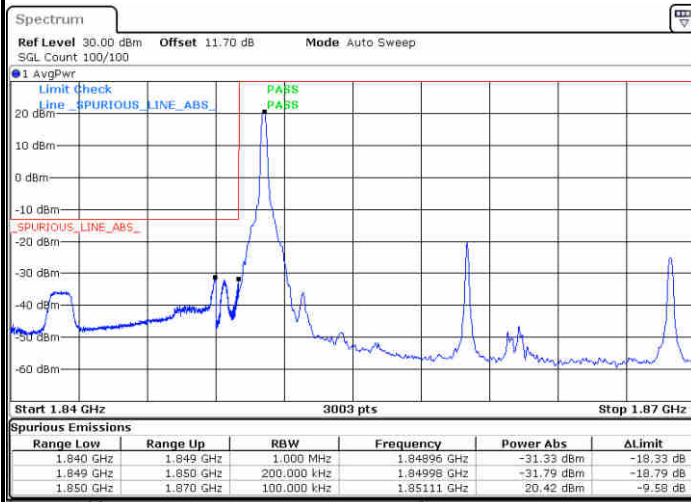


Date: 30.SEP.2017 17:35:10

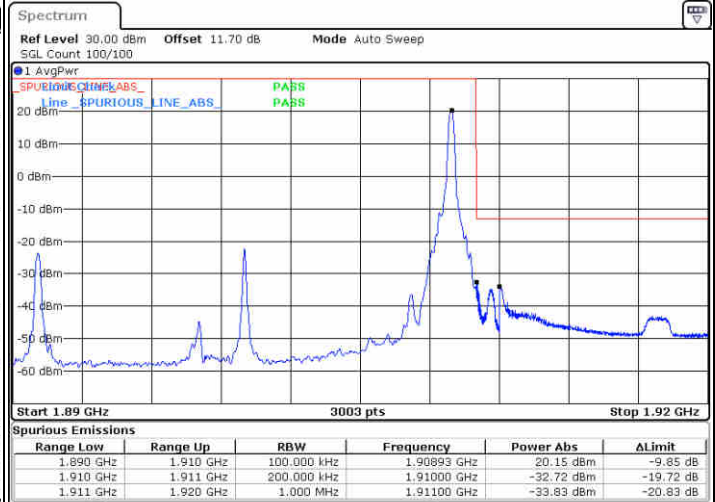


LTE Band 2 / 20MHz / QPSK

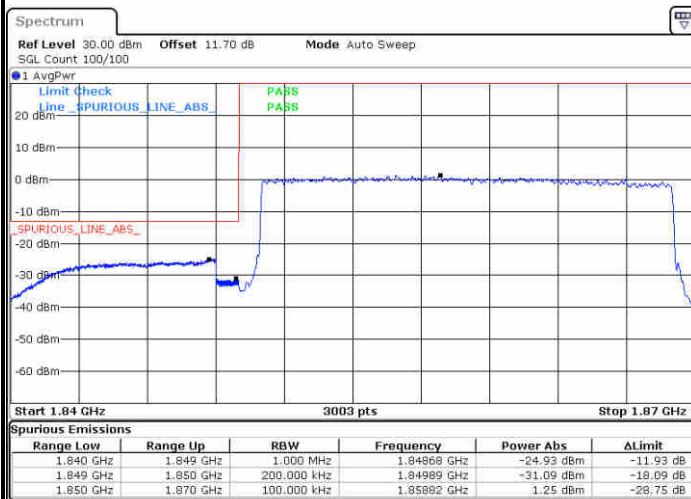
Lowest Band Edge / 1 RB



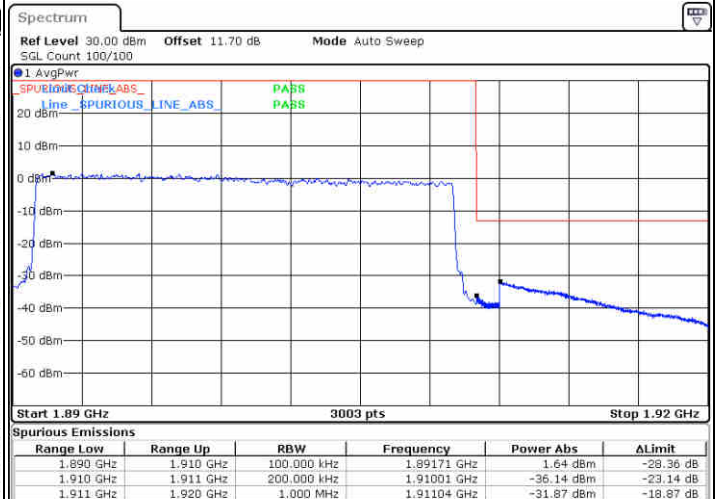
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



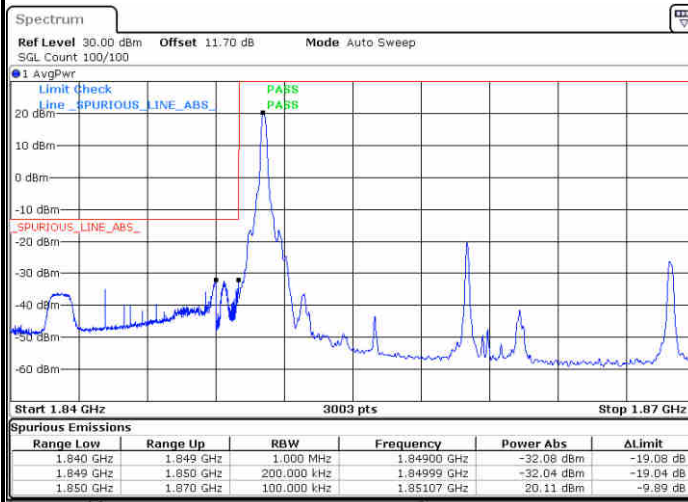
Highest Band Edge / Full RB



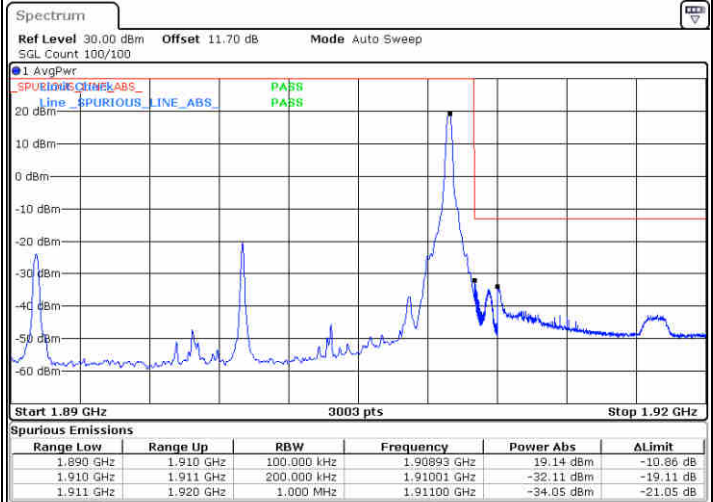


LTE Band 2 / 20MHz / 16QAM

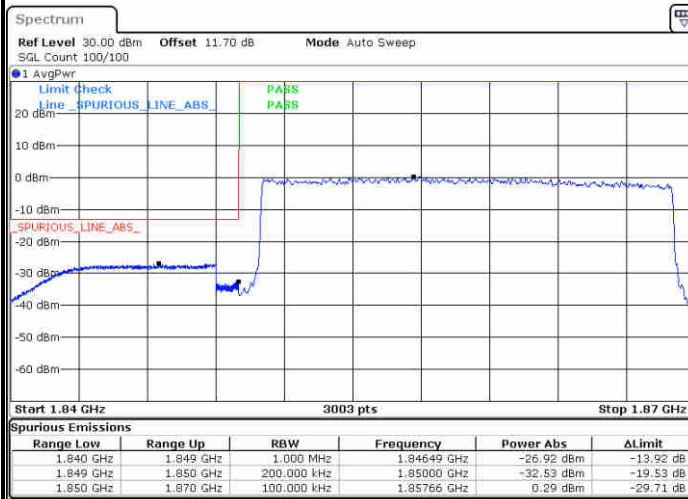
Lowest Band Edge / 1 RB



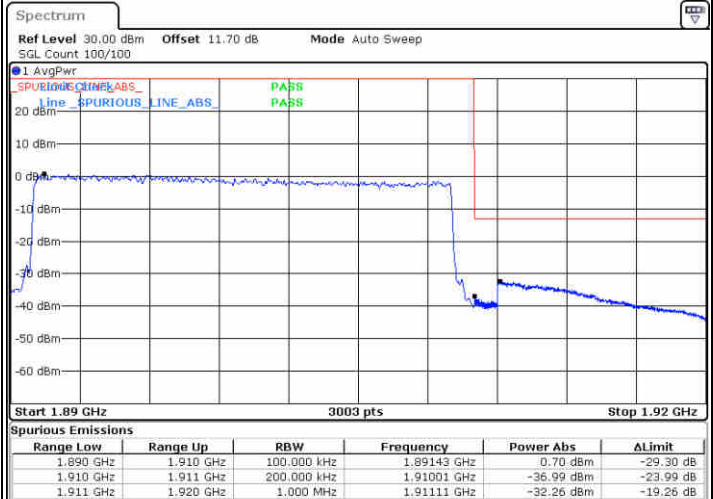
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



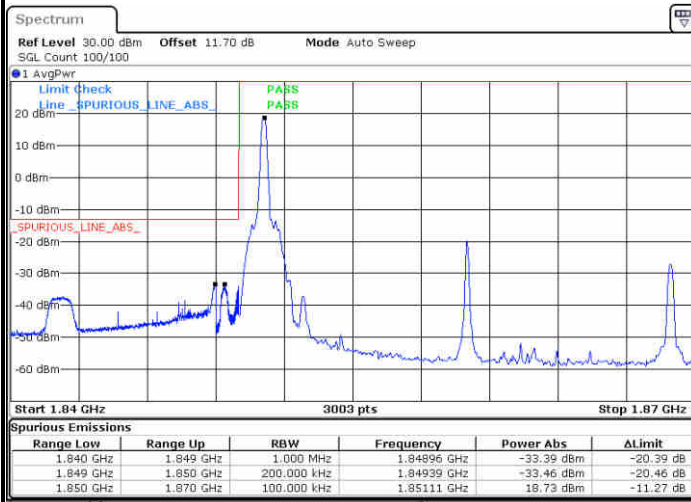
Highest Band Edge / Full RB



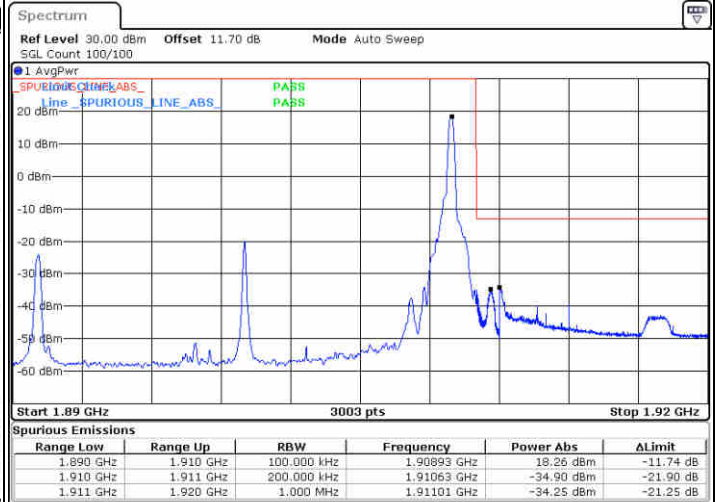


LTE Band 2 / 20MHz / 64QAM

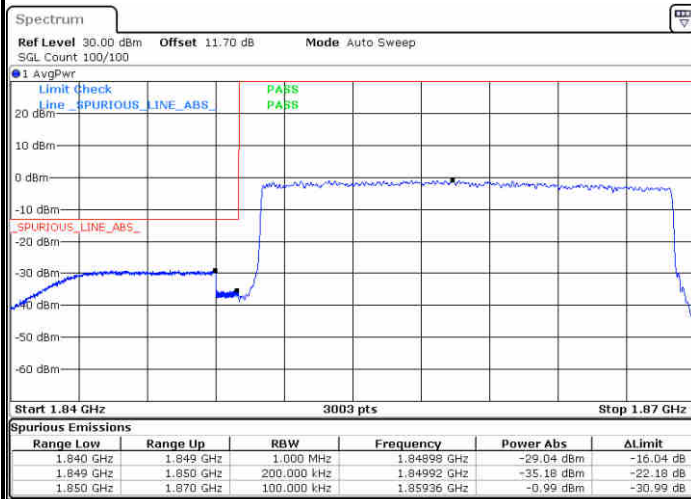
Lowest Band Edge / 1 RB



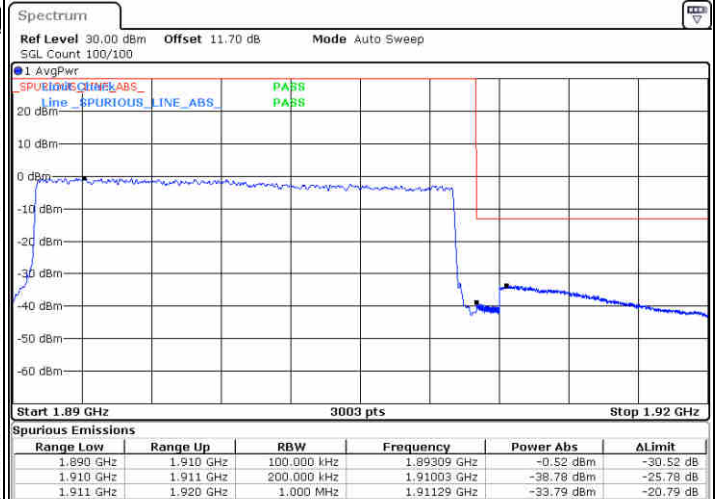
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

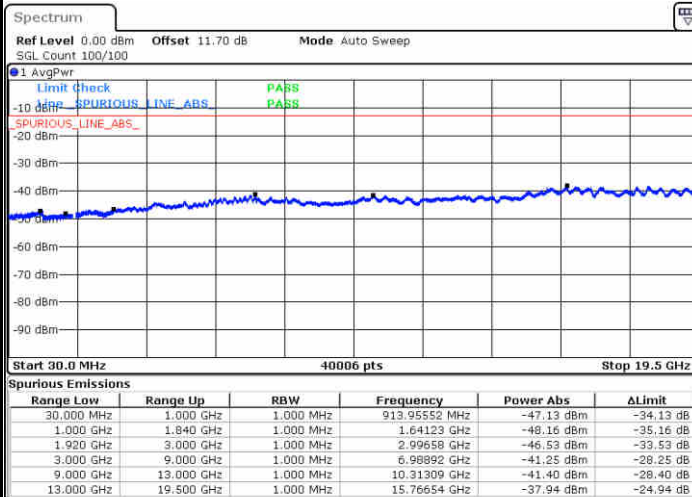




Conducted Spurious Emission

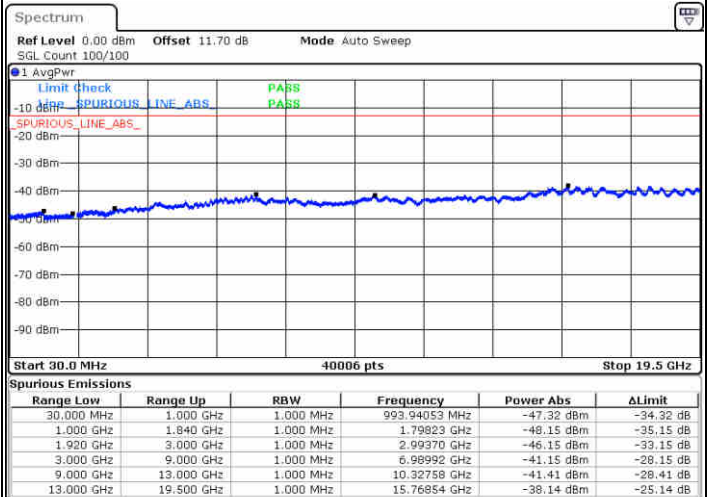
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



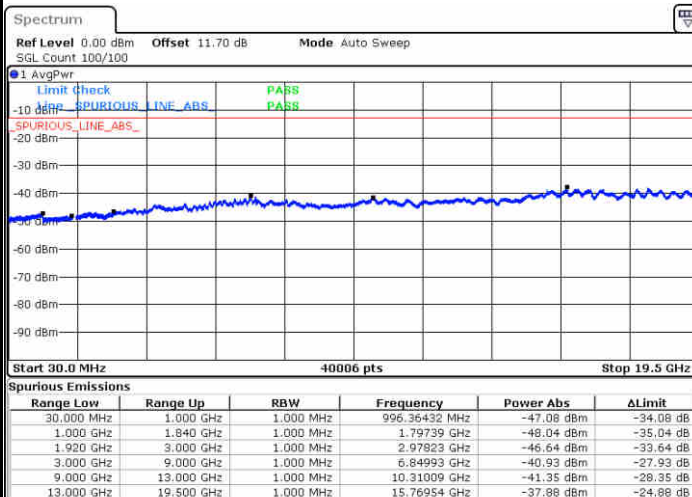
Date: 30 SEP.2017 17:58:16

Lowest Channel / 16QAM



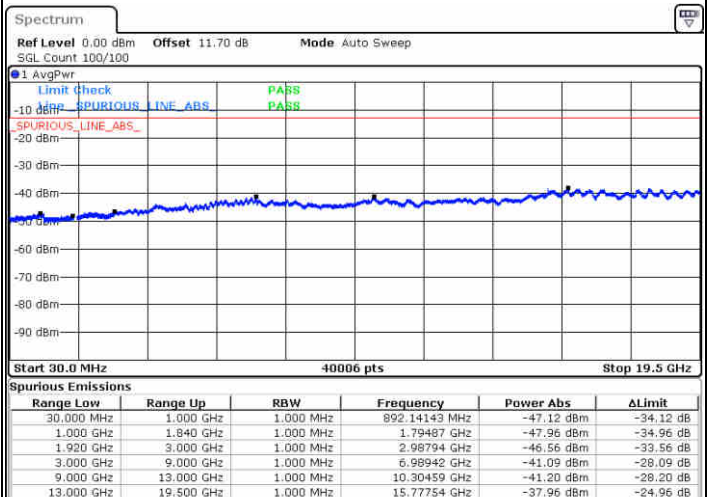
Date: 30 SEP.2017 17:59:10

Middle Channel / QPSK



Date: 30 SEP.2017 18:00:44

Middle Channel / 16QAM

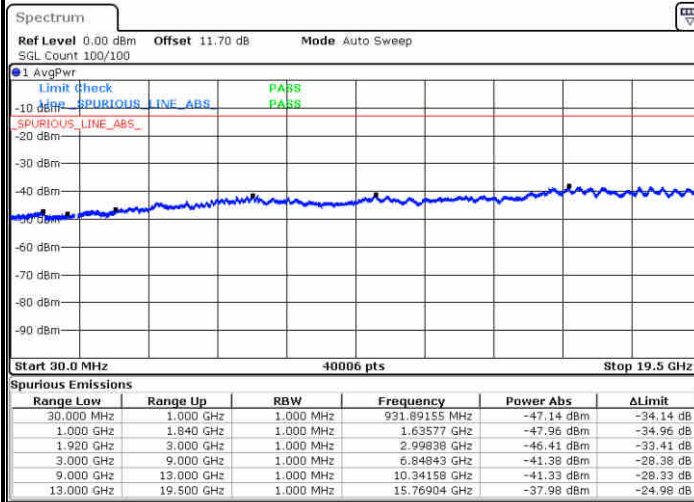


Date: 30 SEP.2017 18:01:38



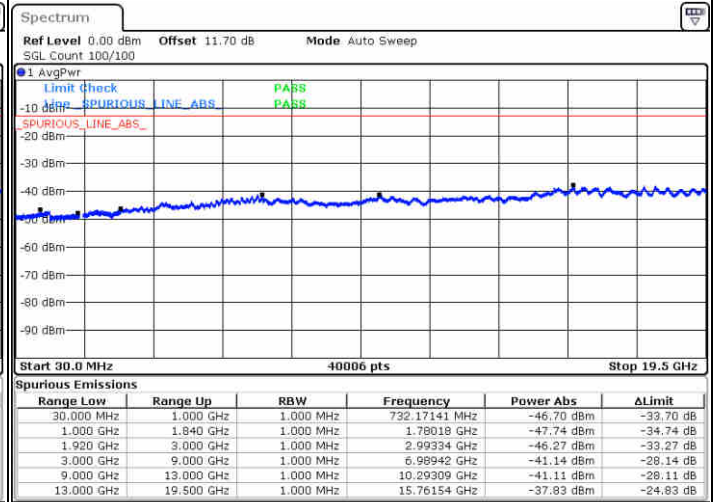
LTE Band 2 / 1.4MHz

Highest Channel / QPSK



Date: 30 SEP.2017 18:07:47

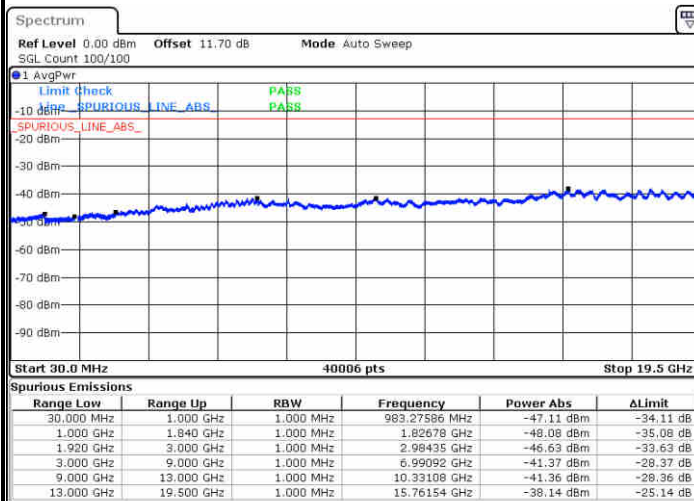
Highest Channel / 16QAM



Date: 30 SEP.2017 18:08:41

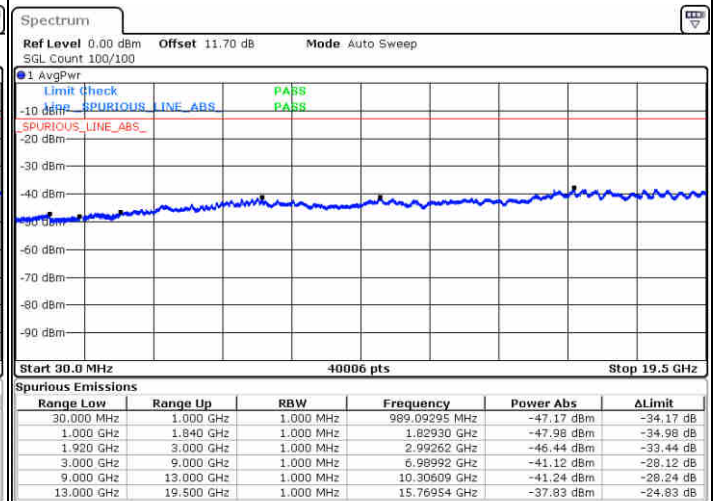
LTE Band 2 / 3MHz

Lowest Channel / QPSK



Date: 30 SEP.2017 15:46:18

Lowest Channel / 16QAM

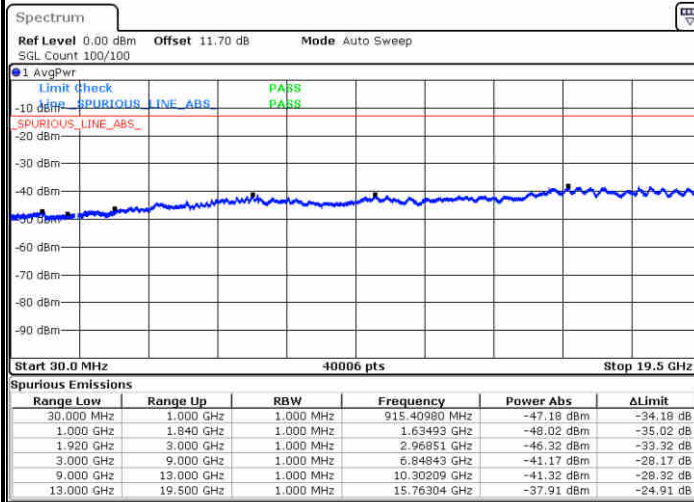


Date: 30 SEP.2017 15:47:12



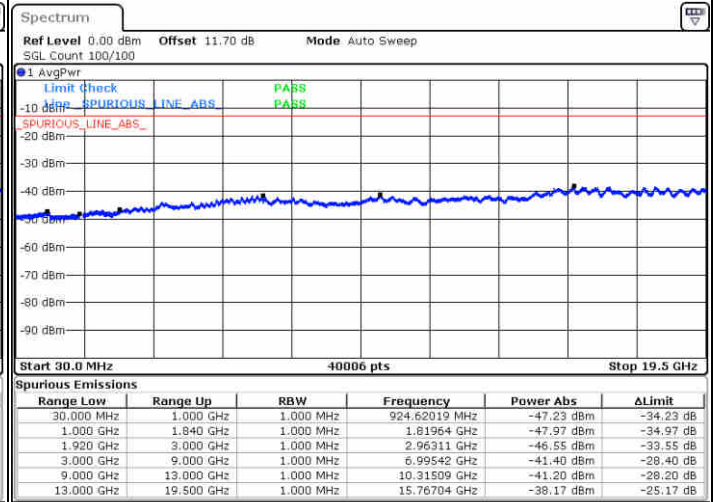
LTE Band 2 / 3MHz

Middle Channel / QPSK



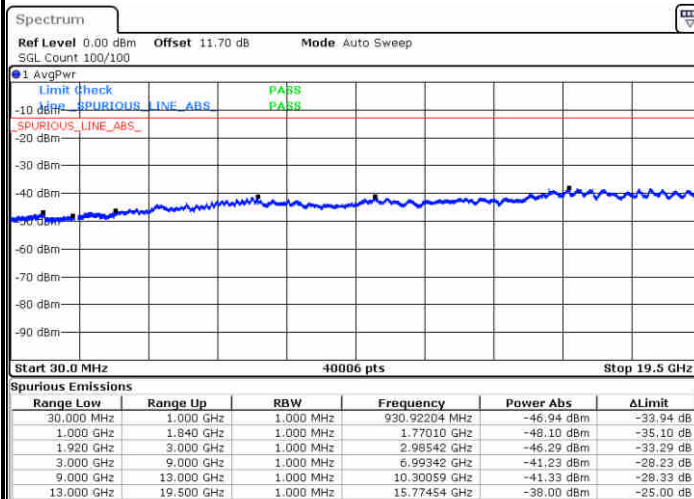
Date: 30 SEP.2017 15:48:46

Middle Channel / 16QAM



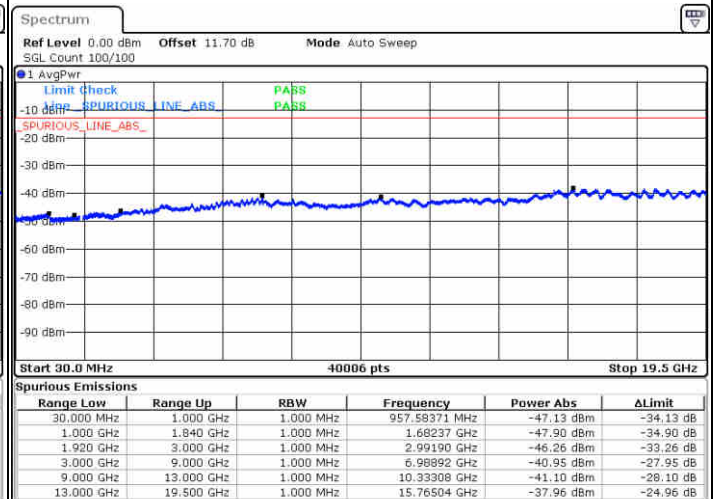
Date: 30 SEP.2017 15:49:40

Highest Channel / QPSK



Date: 30 SEP.2017 15:55:49

Highest Channel / 16QAM

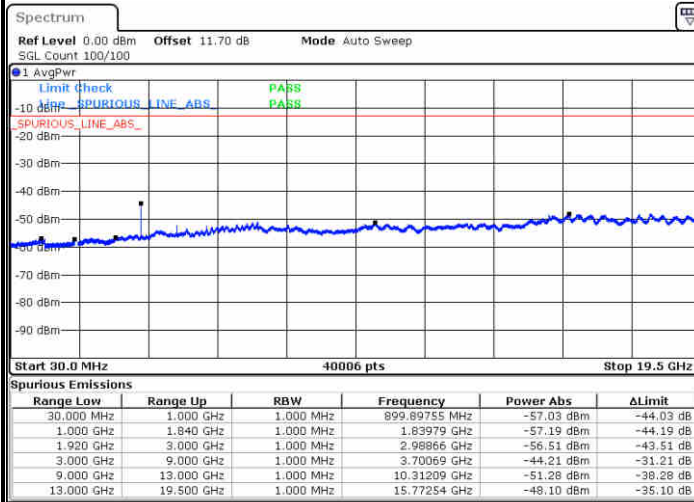


Date: 30 SEP.2017 15:56:43



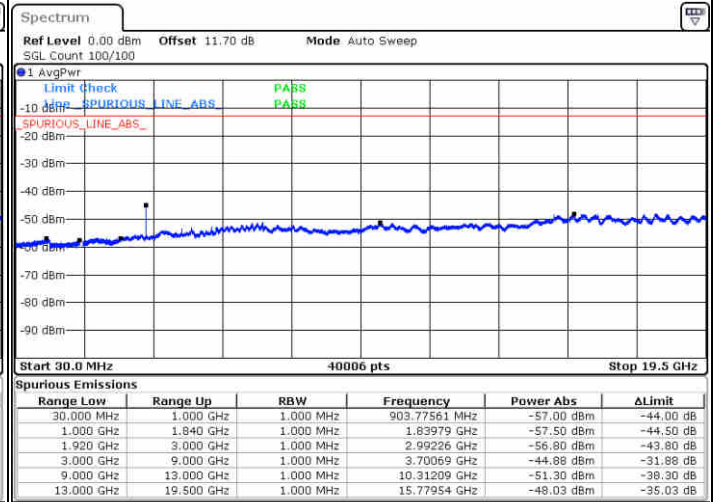
LTE Band 2 / 5MHz

Lowest Channel / QPSK



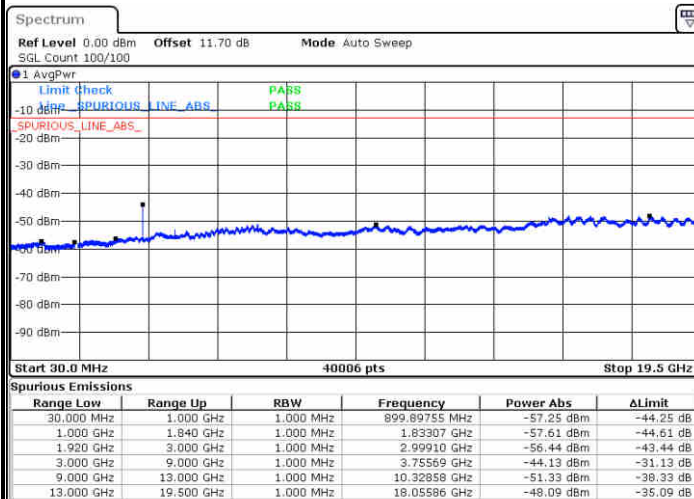
Date: 30 SEP. 2017 16:02:52

Lowest Channel / 16QAM



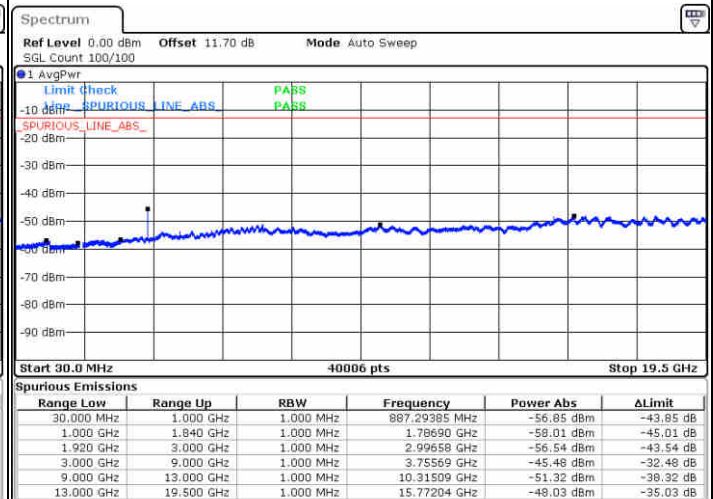
Date: 30 SEP. 2017 16:03:46

Middle Channel / QPSK



Date: 30 SEP. 2017 16:05:20

Middle Channel / 16QAM

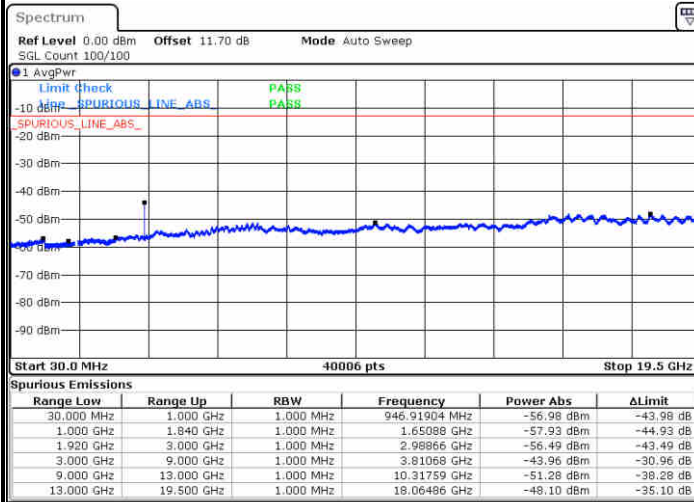


Date: 30 SEP. 2017 16:06:14



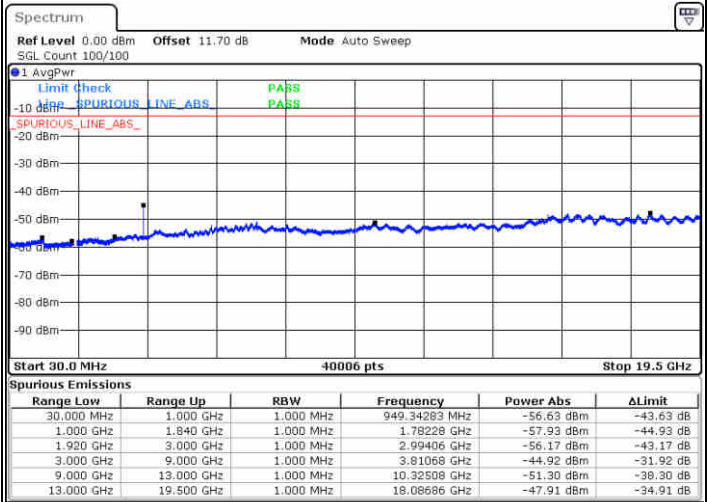
LTE Band 2 / 5MHz

Highest Channel / QPSK



Date: 30 SEP.2017 16:12:23

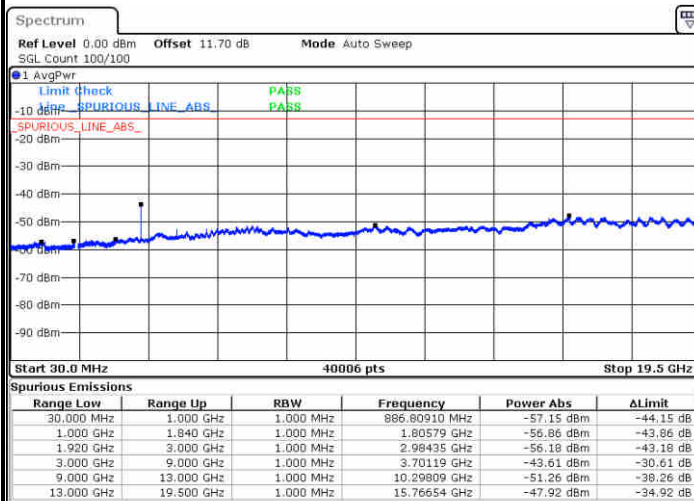
Highest Channel / 16QAM



Date: 30 SEP.2017 16:13:17

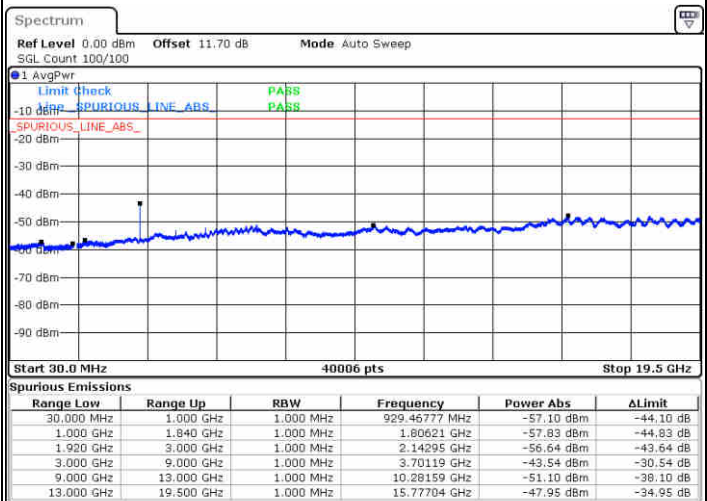
LTE Band 2 / 10MHz

Lowest Channel / QPSK



Date: 30 SEP.2017 16:19:26

Lowest Channel / 16QAM

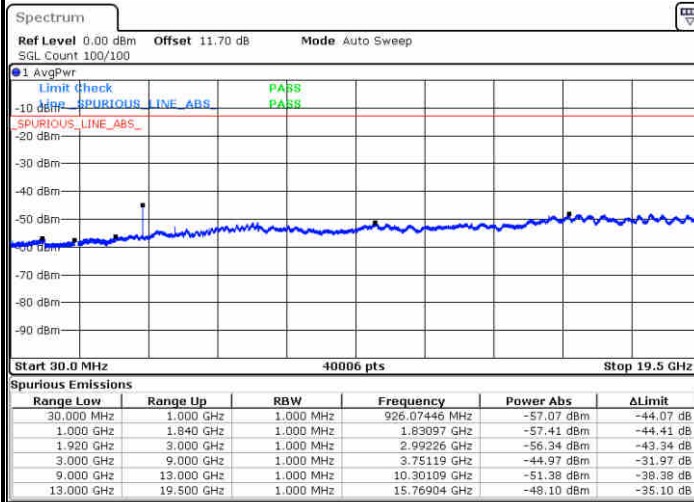


Date: 30 SEP.2017 16:20:20



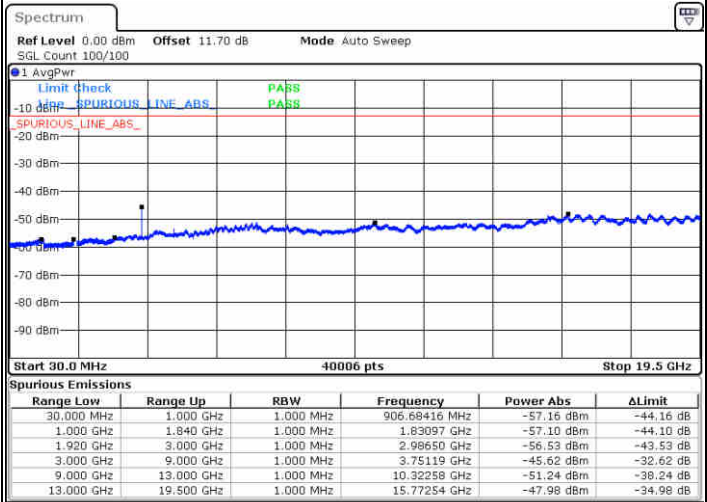
LTE Band 2 / 10MHz

Middle Channel / QPSK



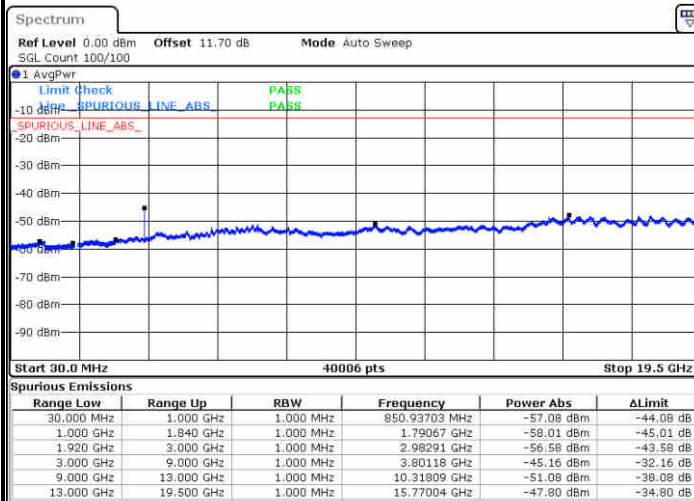
Date: 30 SEP. 2017 16:21:54

Middle Channel / 16QAM



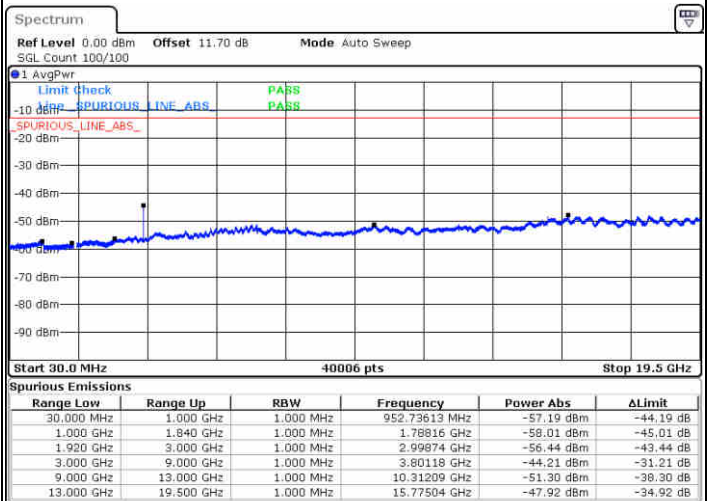
Date: 30 SEP. 2017 16:22:48

Highest Channel / QPSK



Date: 30 SEP. 2017 16:28:57

Highest Channel / 16QAM

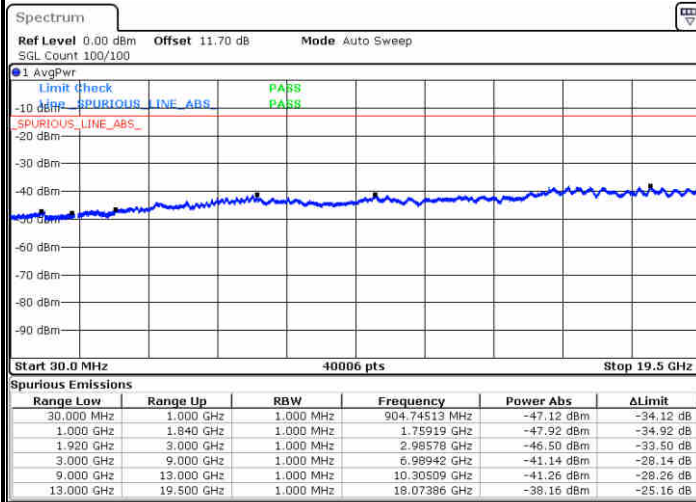


Date: 30 SEP. 2017 16:29:50



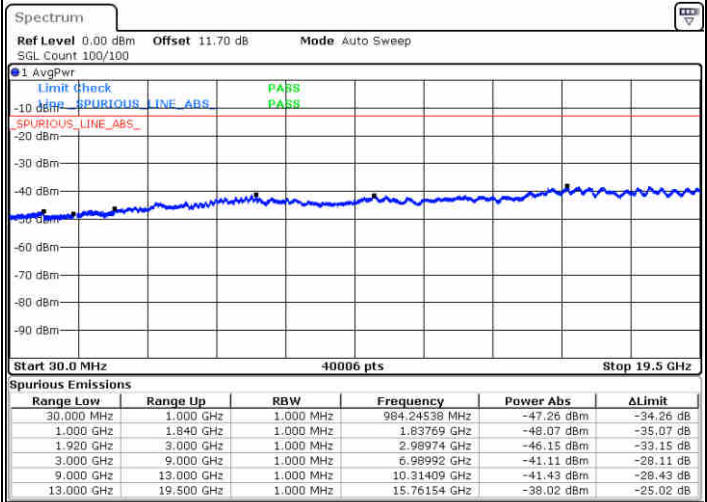
LTE Band 2 / 15MHz

Lowest Channel / QPSK



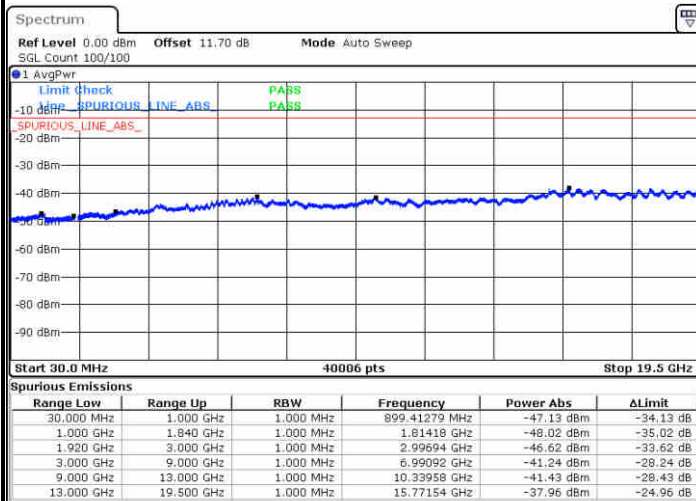
Date: 30 SEP.2017 16:35:59

Lowest Channel / 16QAM



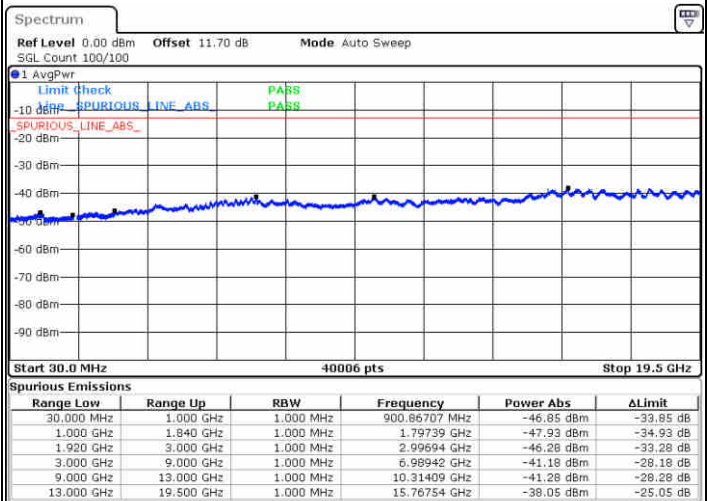
Date: 30 SEP.2017 16:36:53

Middle Channel / QPSK



Date: 30 SEP.2017 16:38:27

Middle Channel / 16QAM

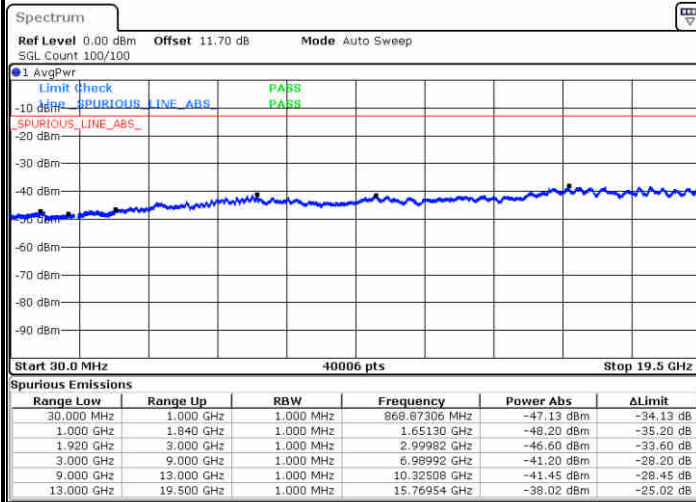


Date: 30 SEP.2017 16:39:21



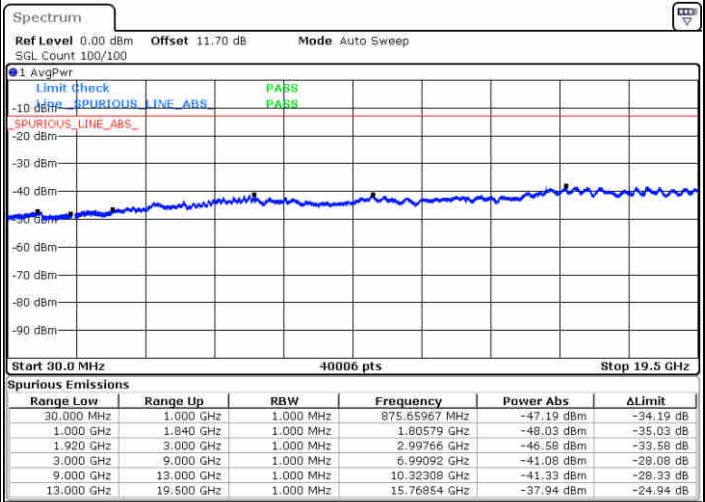
LTE Band 2 / 15MHz

Highest Channel / QPSK



Date: 30 SEP.2017 16:45:30

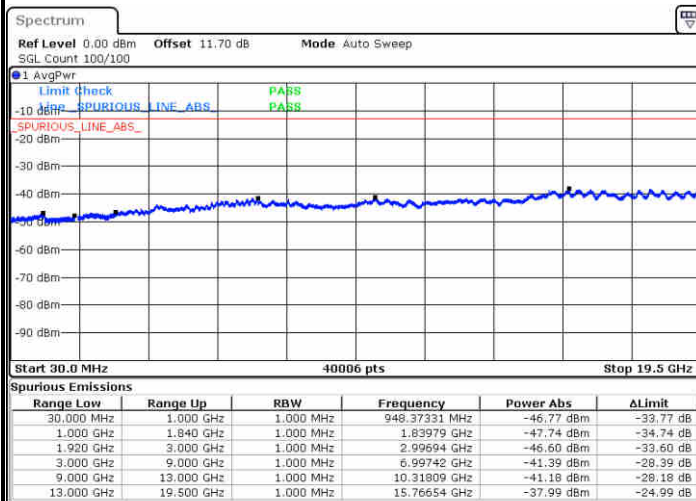
Highest Channel / 16QAM



Date: 30 SEP.2017 16:46:24

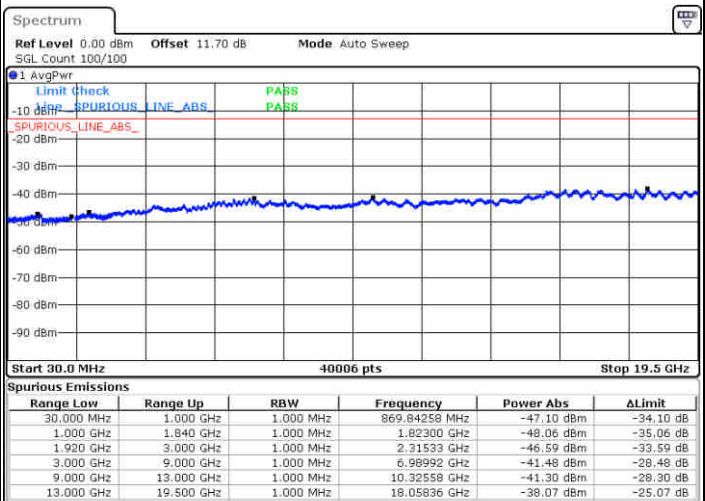
LTE Band 2 / 20MHz

Lowest Channel / QPSK



Date: 30 SEP.2017 16:52:33

Lowest Channel / 16QAM

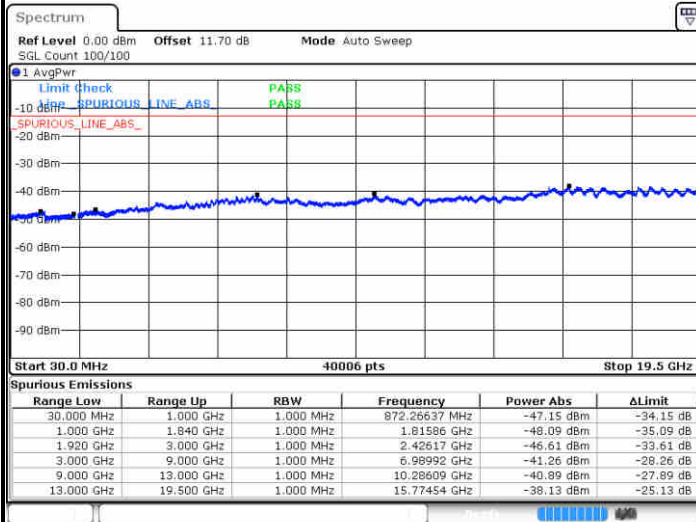


Date: 30 SEP.2017 16:53:27



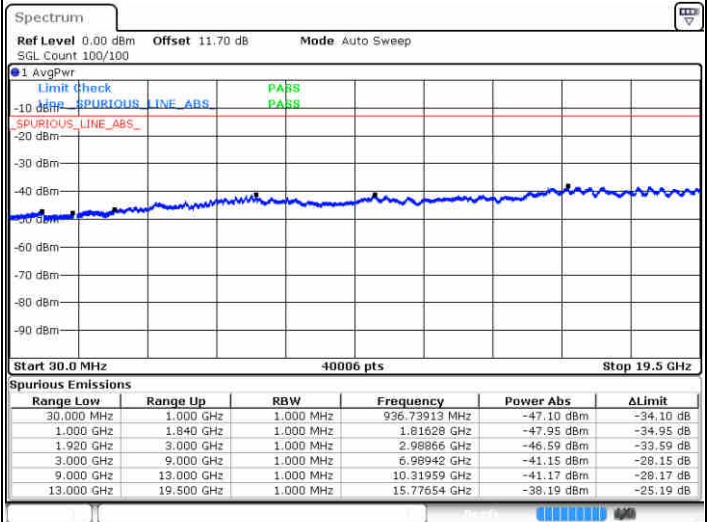
LTE Band 2 / 20MHz

Middle Channel / QPSK



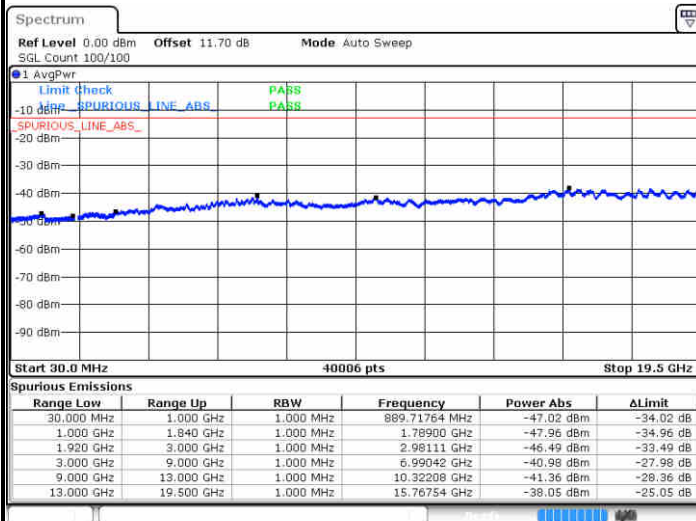
Date: 30 SEP.2017 16:55:01

Middle Channel / 16QAM



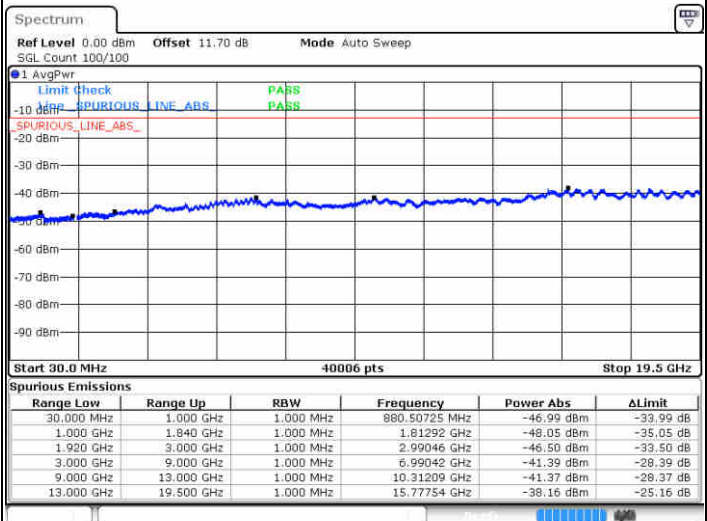
Date: 30 SEP.2017 16:55:55

Highest Channel / QPSK



Date: 30 SEP.2017 17:02:03

Highest Channel / 16QAM

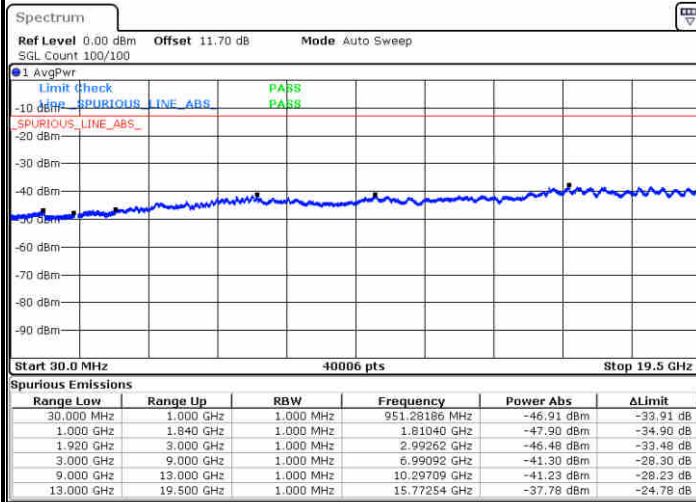


Date: 30 SEP.2017 17:02:57



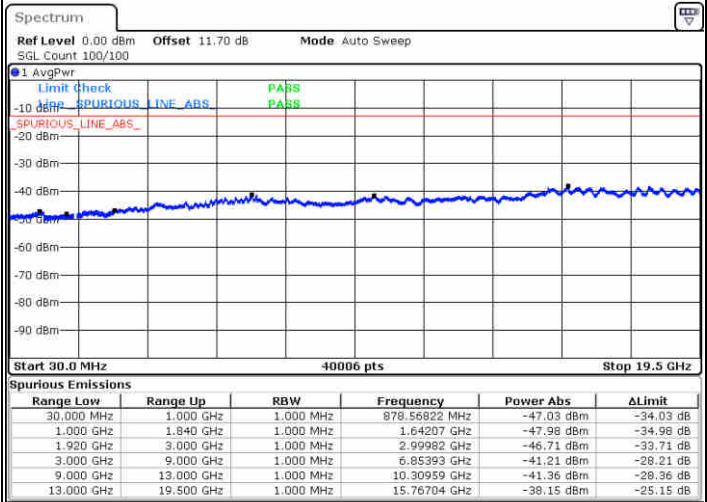
LTE Band 2 / 1.4MHz

Lowest Channel / 64QAM



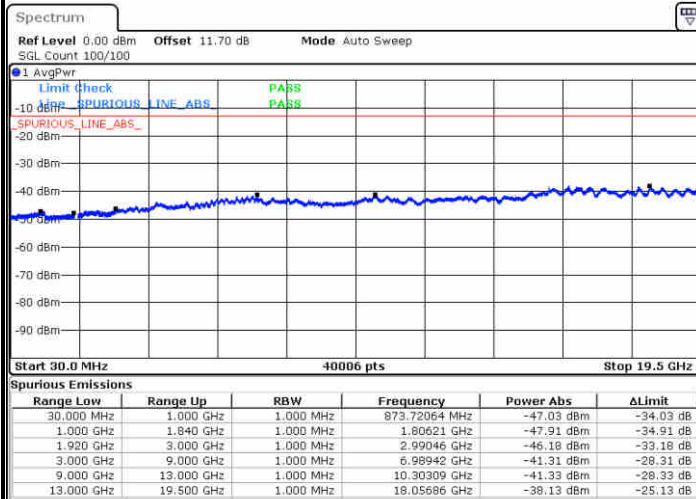
Date: 30 SEP.2017 17:47:22

Middle Channel / 64QAM



Date: 30 SEP.2017 17:48:36

Highest Channel / 64QAM

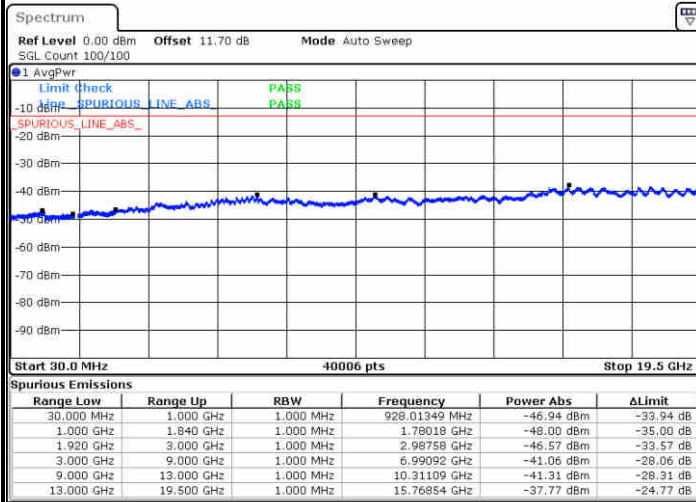


Date: 30 SEP.2017 17:52:07



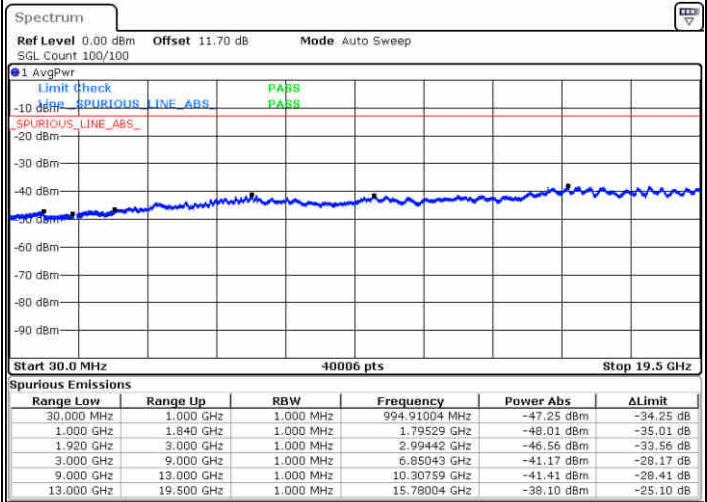
LTE Band 2 / 3MHz

Lowest Channel / 64QAM



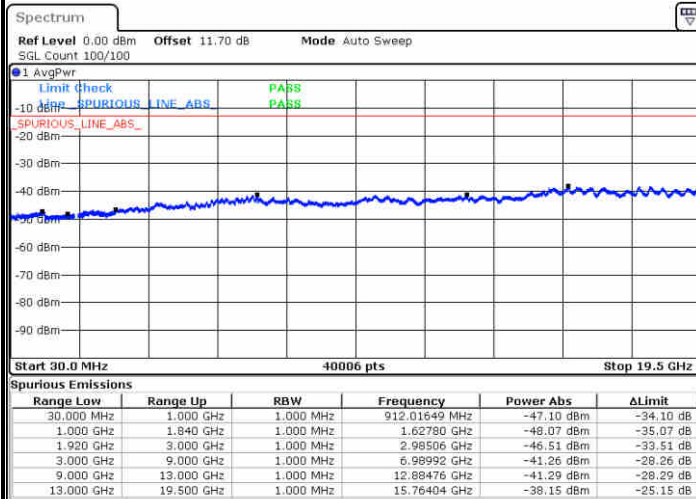
Date: 30 SEP.2017 17:06:29

Middle Channel / 64QAM



Date: 30 SEP.2017 17:07:43

Highest Channel / 64QAM

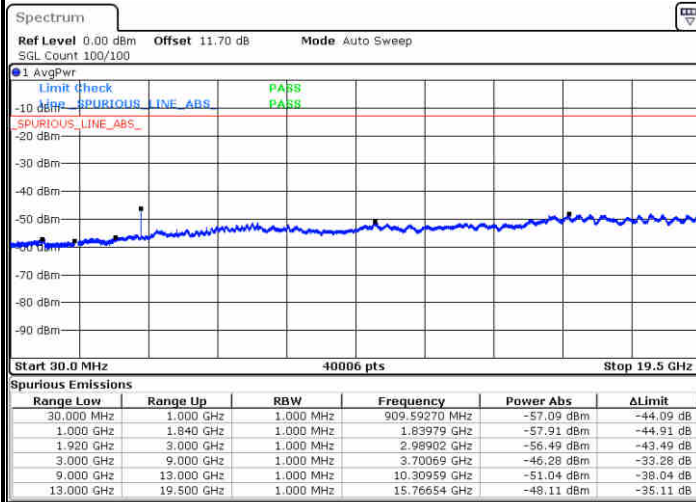


Date: 30 SEP.2017 17:11:14



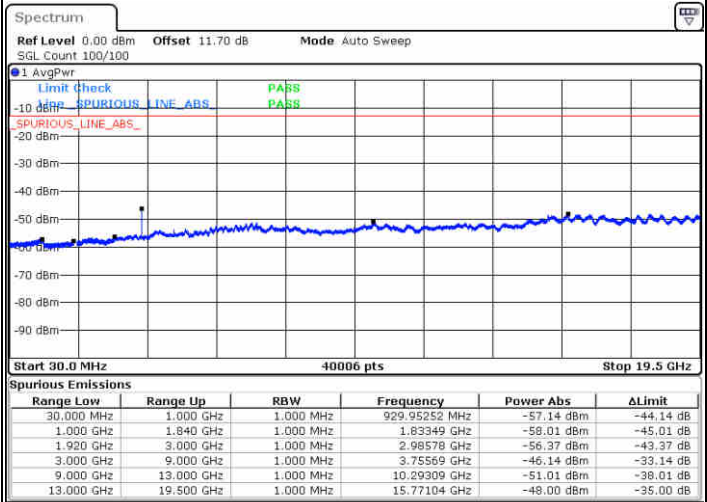
LTE Band 2 / 5MHz

Lowest Channel / 64QAM



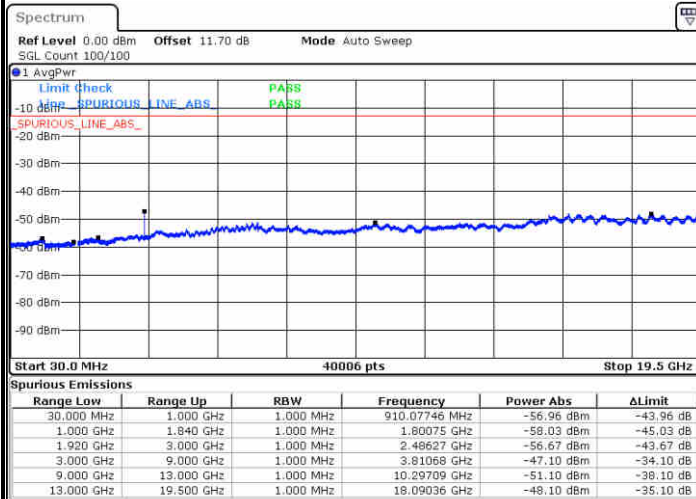
Date: 30 SEP.2017 17:14:46

Middle Channel / 64QAM



Date: 30 SEP.2017 17:16:00

Highest Channel / 64QAM

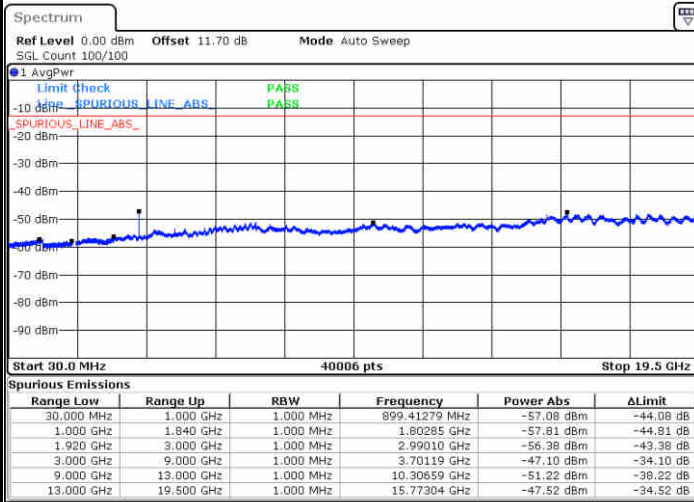


Date: 30 SEP.2017 17:19:31



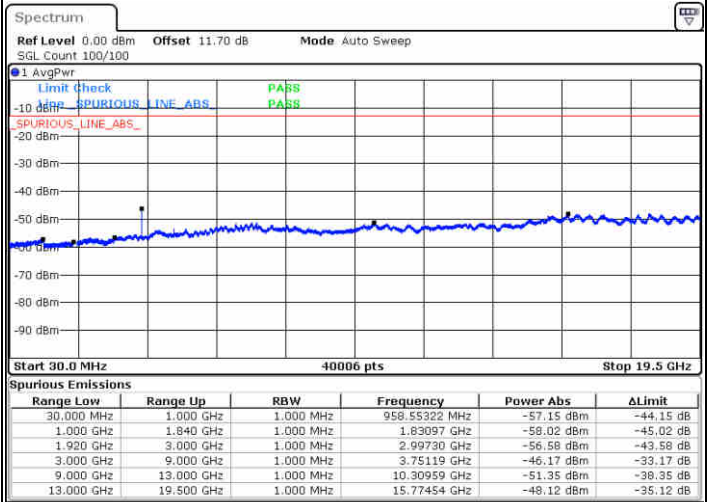
LTE Band 2 / 10MHz

Lowest Channel / 64QAM



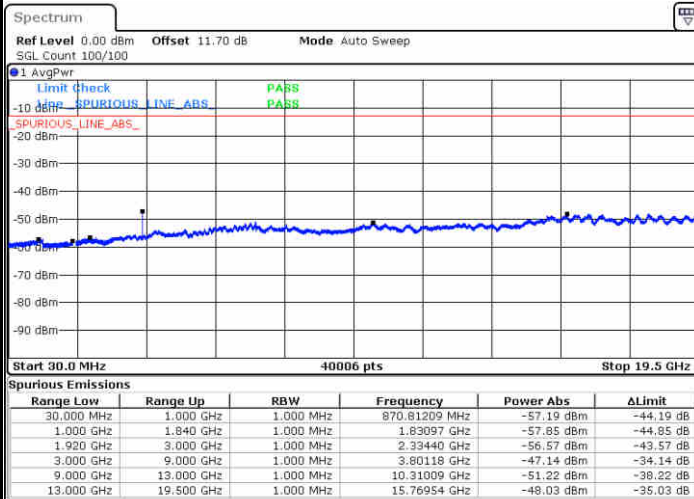
Date: 30 SEP.2017 17:23:03

Middle Channel / 64QAM



Date: 30 SEP.2017 17:24:17

Highest Channel / 64QAM

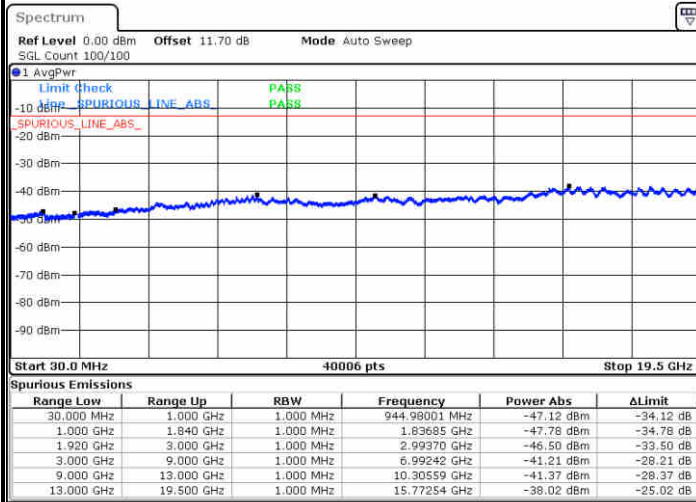


Date: 30 SEP.2017 17:27:48



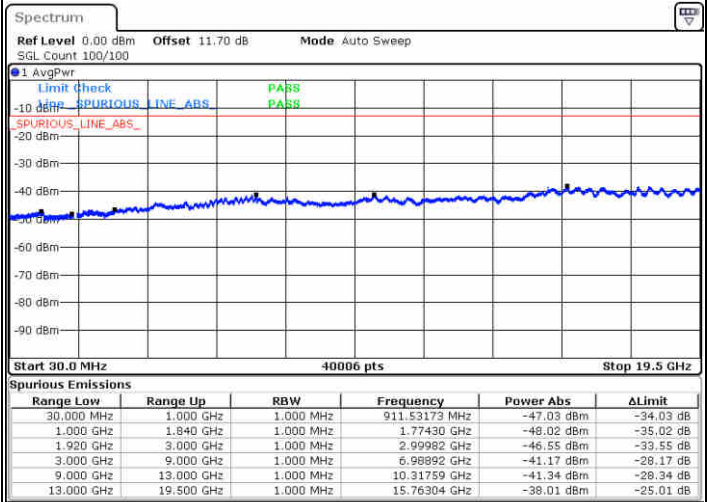
LTE Band 2 / 15MHz

Lowest Channel / 64QAM



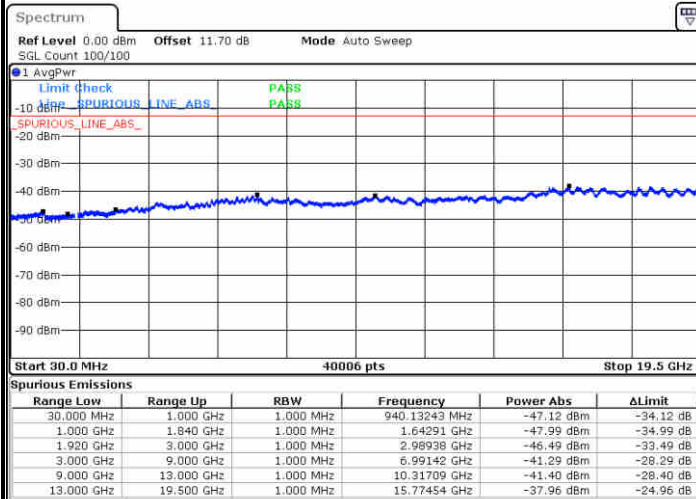
Date: 30 SEP.2017 17:31:20

Middle Channel / 64QAM



Date: 30 SEP.2017 17:32:33

Highest Channel / 64QAM

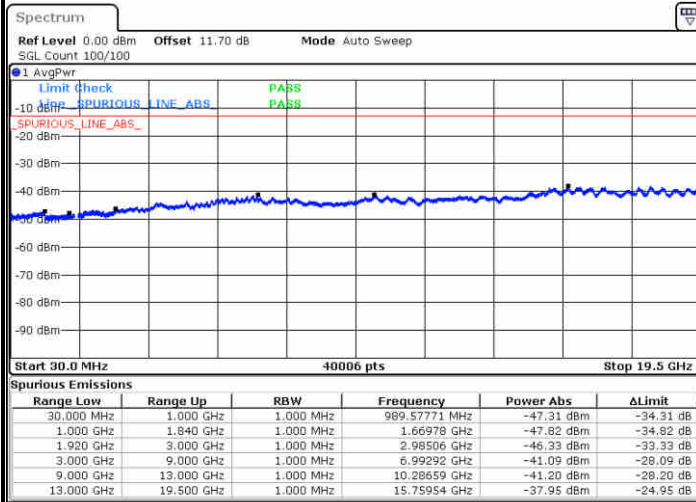


Date: 30 SEP.2017 17:36:05



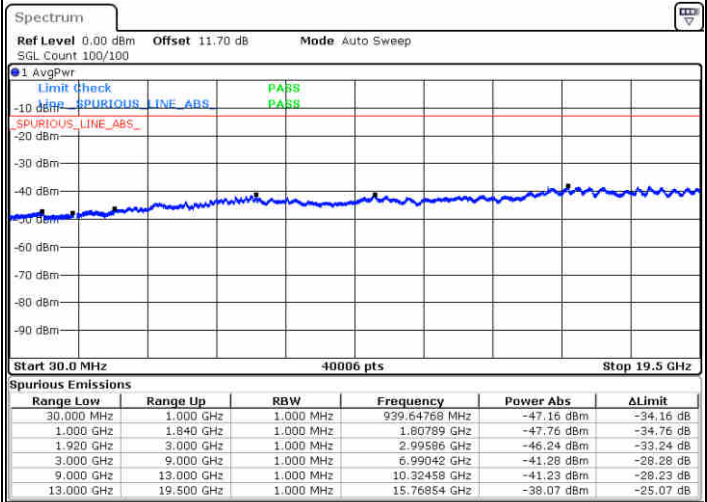
LTE Band 2 / 20MHz

Lowest Channel / 64QAM



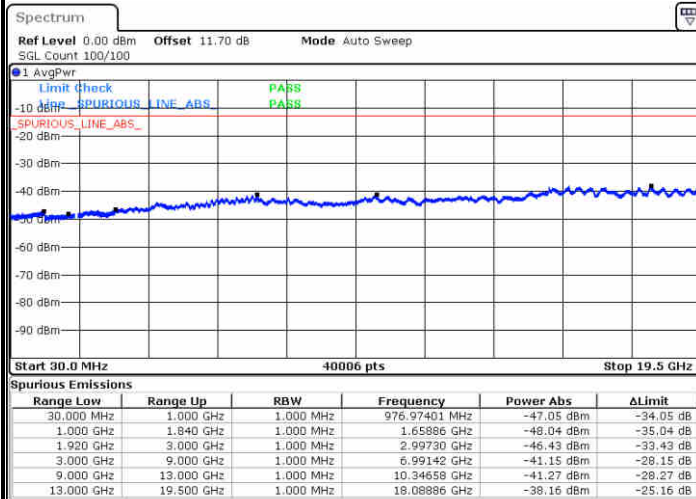
Date: 30 SEP.2017 17:39:36

Middle Channel / 64QAM



Date: 30 SEP.2017 17:40:50

Highest Channel / 64QAM



Date: 30 SEP.2017 18:15:10

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	0.0010	PASS
40	Normal Voltage	0.0044	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.52	4.75	5.25	5.83	PASS
Middle CH	4.49	5.01	5.33	5.94	
Highest CH	4.32	4.93	4.99	5.86	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.38	6.32	-	-	PASS
Middle CH	6.17	6.41	-	-	
Highest CH	6	6.26	-	-	