



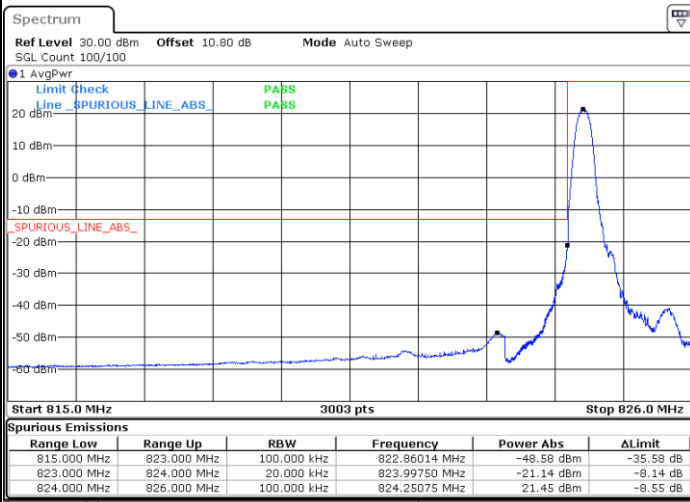
Conducted Band Edge



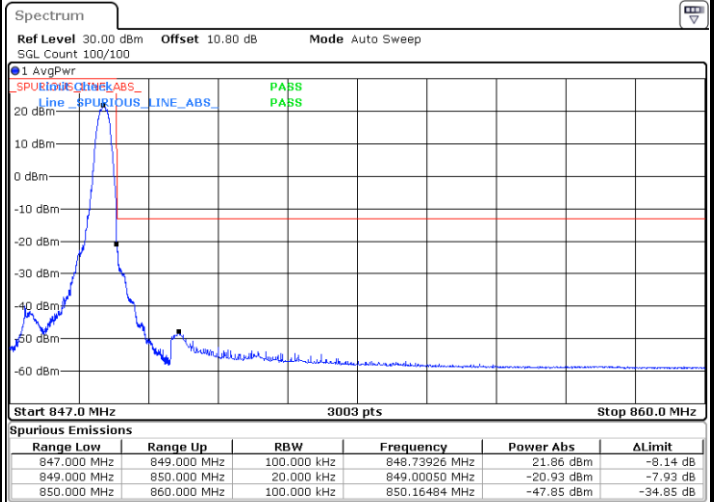
LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

Highest Band Edge / 1RB



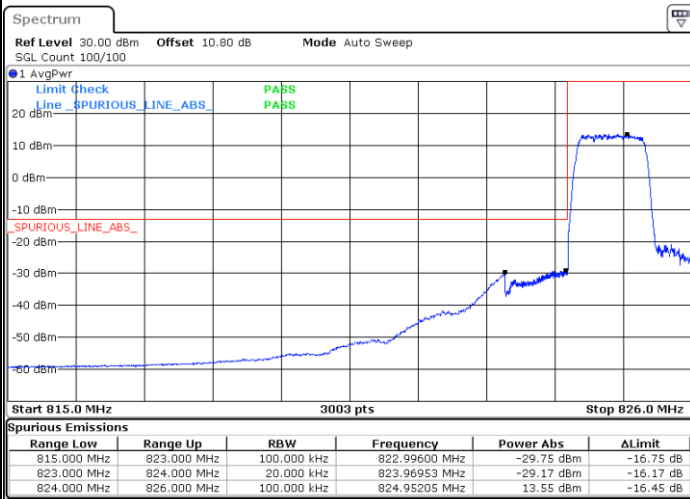
Date: 25 AUG 2017 15:14:35



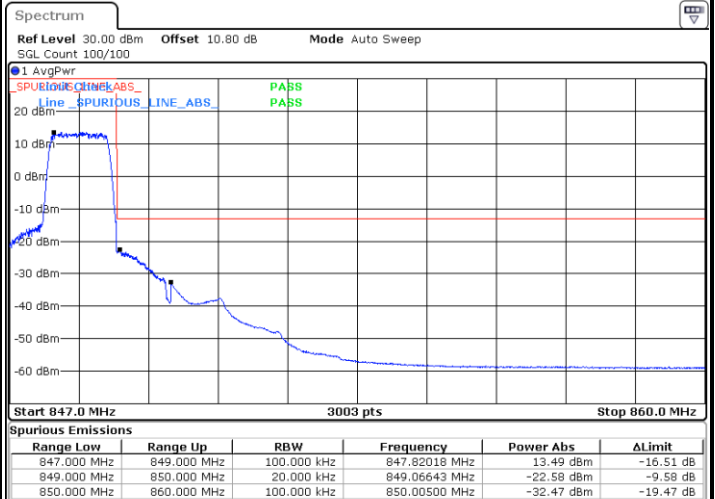
Date: 25 AUG 2017 15:29:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 AUG 2017 15:17:53

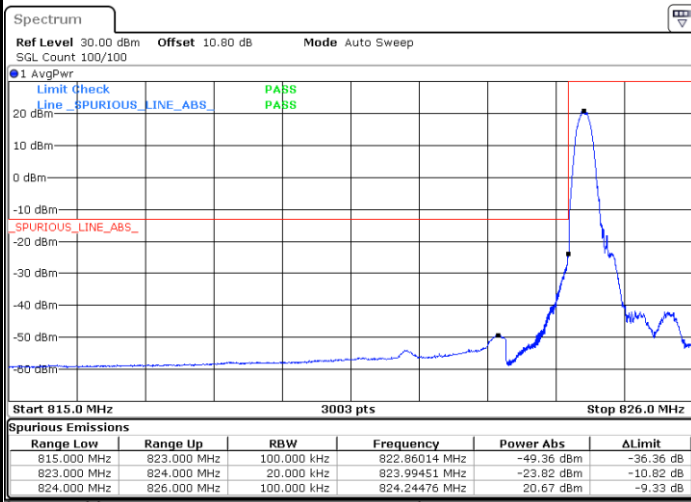


Date: 25 AUG 2017 15:26:05



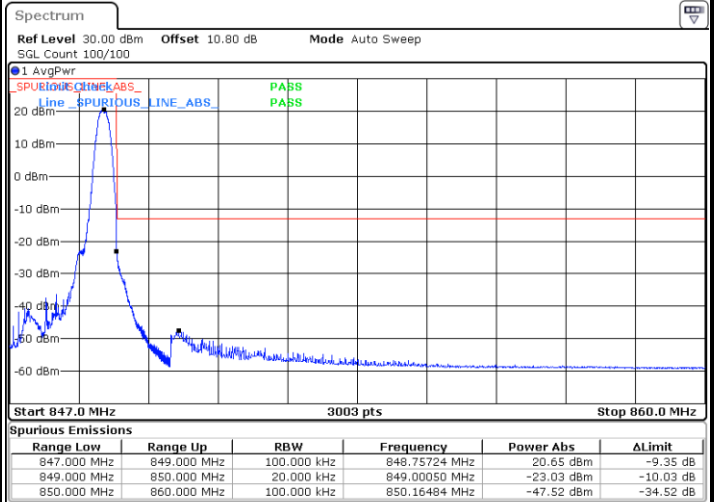
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



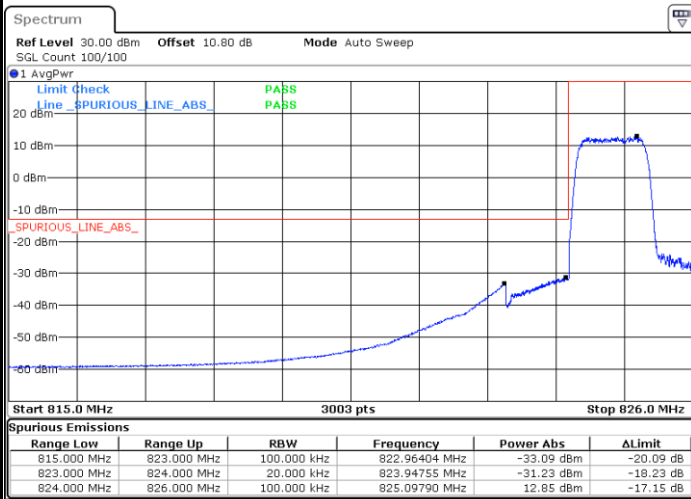
Date: 25 AUG 2017 15:16:14

Highest Band Edge / 1 RB



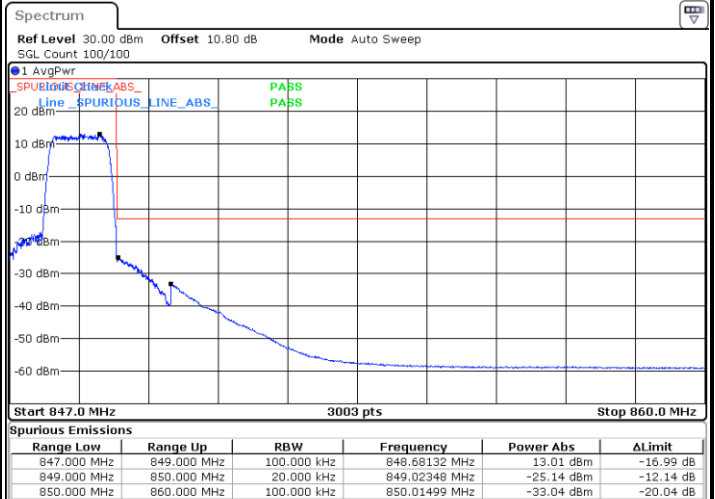
Date: 25 AUG 2017 15:31:01

Lowest Band Edge / Full RB



Date: 25 AUG 2017 15:19:31

Highest Band Edge / Full RB

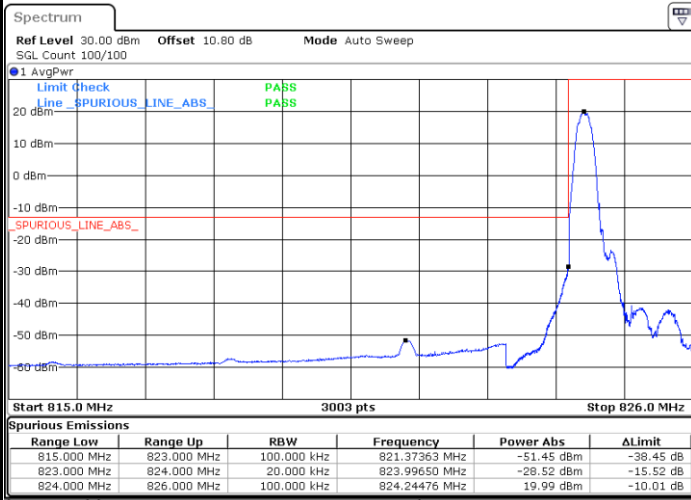


Date: 25 AUG 2017 15:27:44



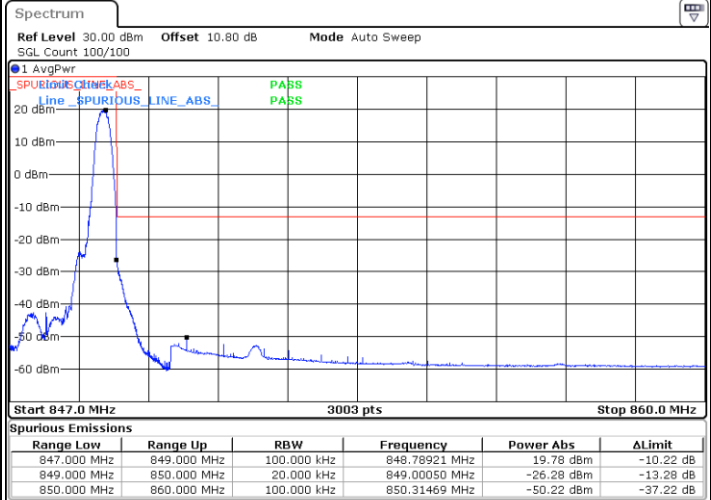
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



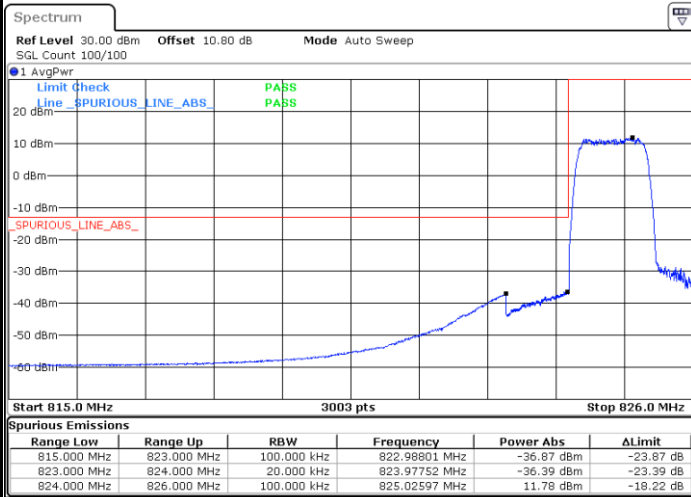
Date: 5.OCT.2017 15:09:11

Highest Band Edge / 1 RB



Date: 5.OCT.2017 15:16:35

Lowest Band Edge / Full RB



Date: 5.OCT.2017 15:10:49

Highest Band Edge / Full RB

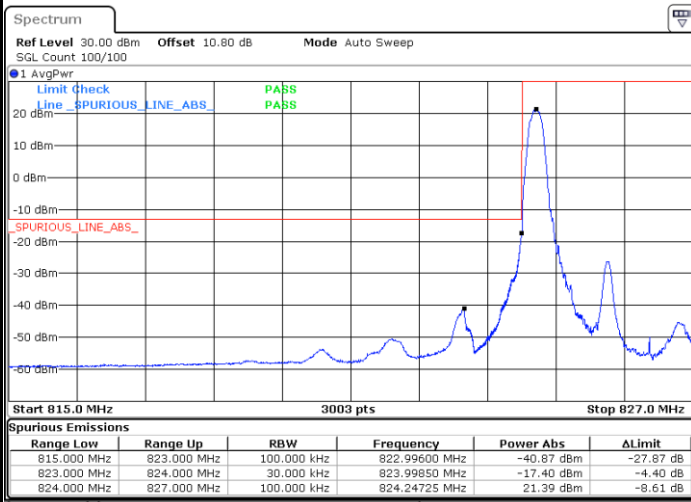


Date: 5.OCT.2017 15:14:56



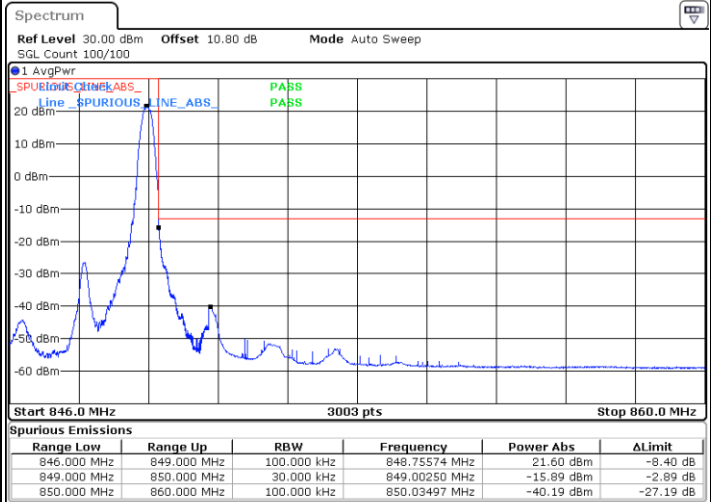
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



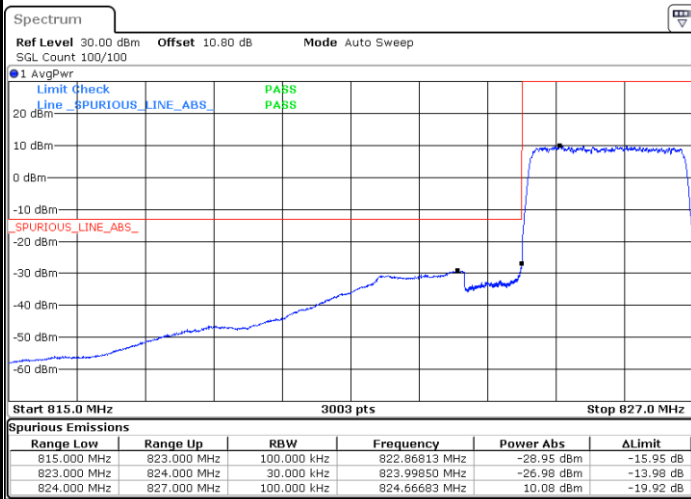
Date: 25 AUG 2017 15:35:07

Highest Band Edge / 1 RB



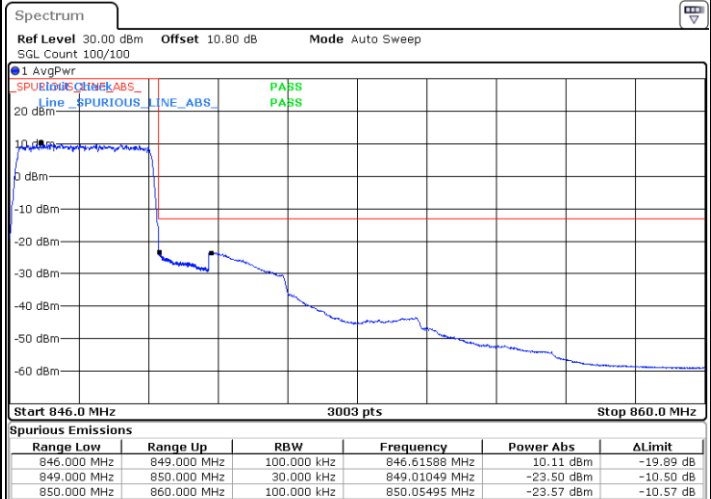
Date: 25 AUG 2017 15:46:37

Lowest Band Edge / Full RB



Date: 25 AUG 2017 15:38:24

Highest Band Edge / Full RB

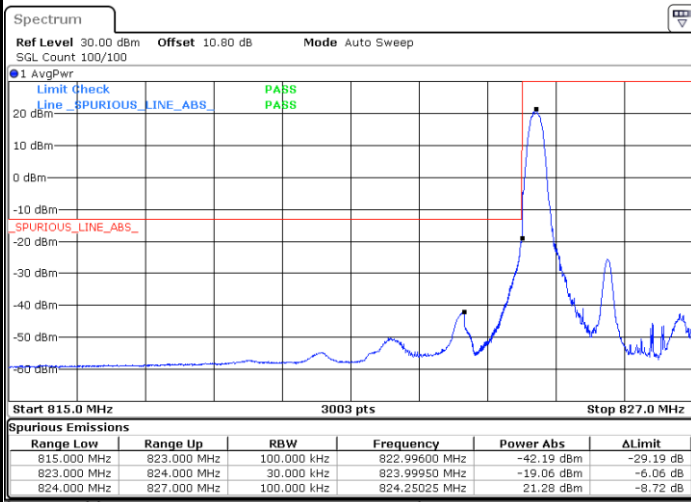


Date: 25 AUG 2017 15:49:54



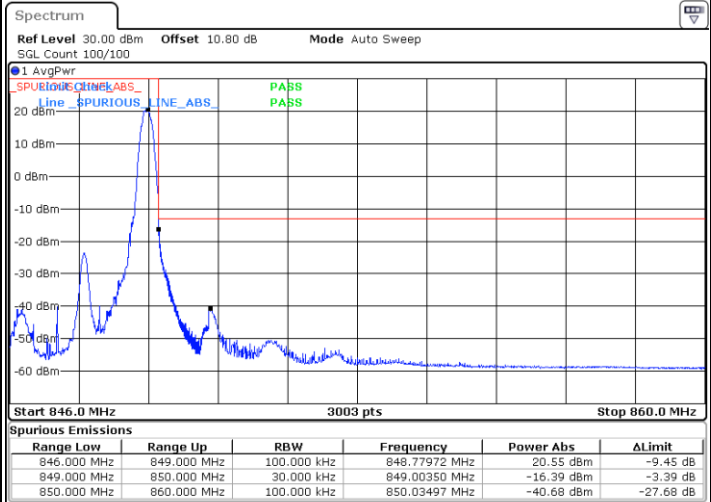
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



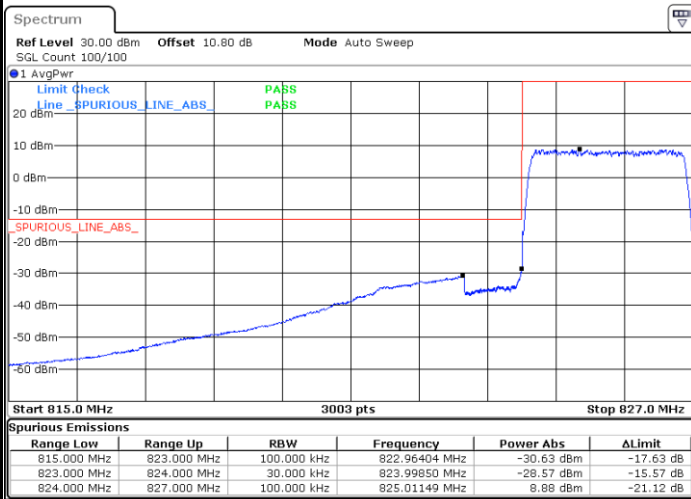
Date: 25 AUG 2017 15:36:46

Highest Band Edge / 1 RB



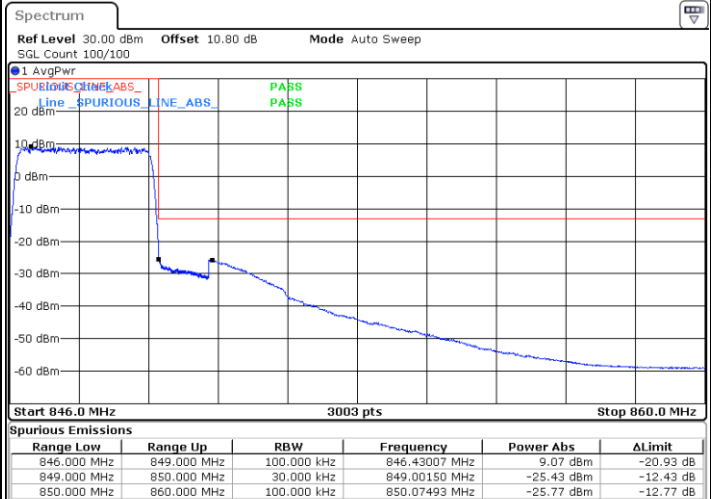
Date: 25 AUG 2017 15:48:16

Lowest Band Edge / Full RB



Date: 25 AUG 2017 15:40:03

Highest Band Edge / Full RB

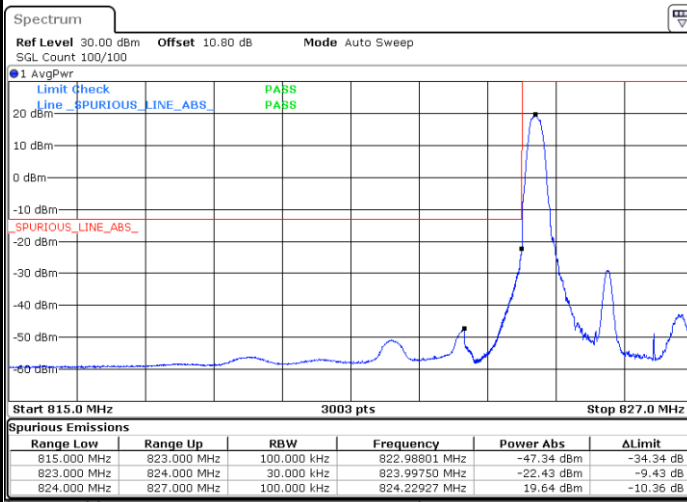


Date: 25 AUG 2017 15:51:33



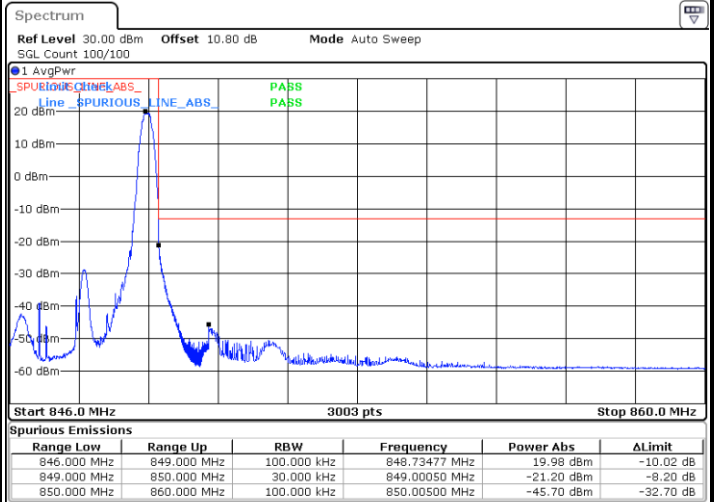
LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



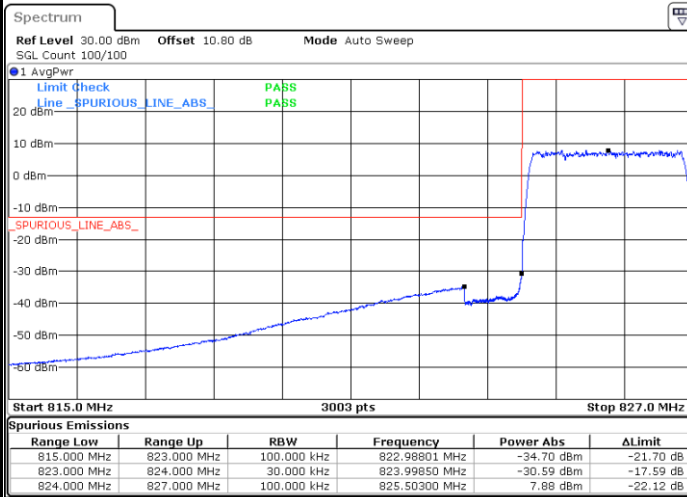
Date: 5.OCT.2017 12:13:02

Highest Band Edge / 1 RB



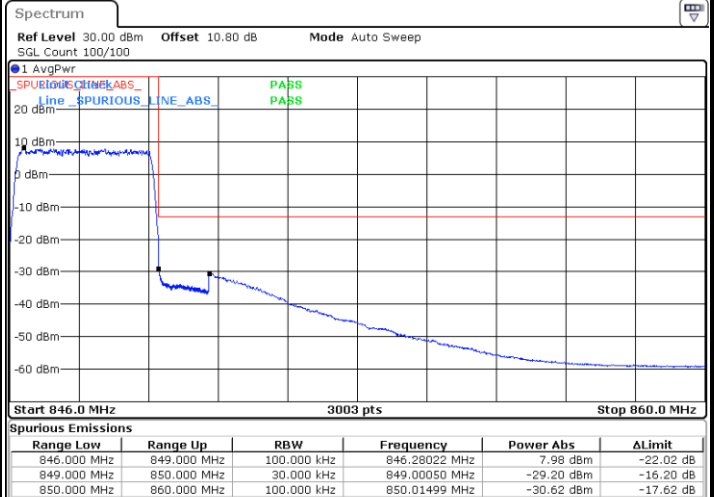
Date: 5.OCT.2017 12:18:47

Lowest Band Edge / Full RB



Date: 5.OCT.2017 12:14:41

Highest Band Edge / Full RB

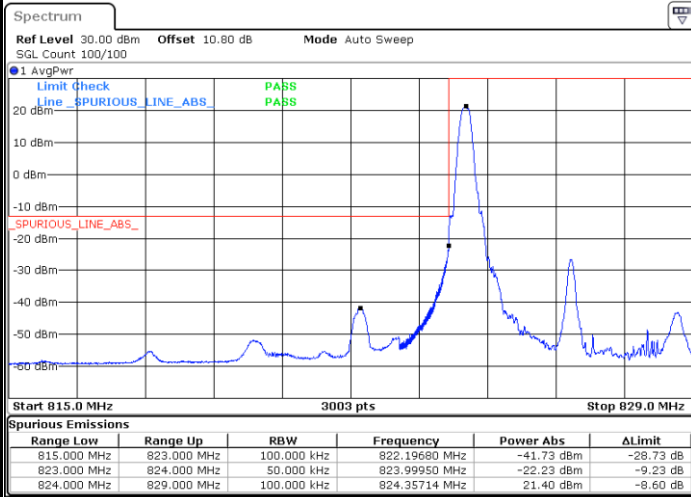


Date: 5.OCT.2017 12:20:26



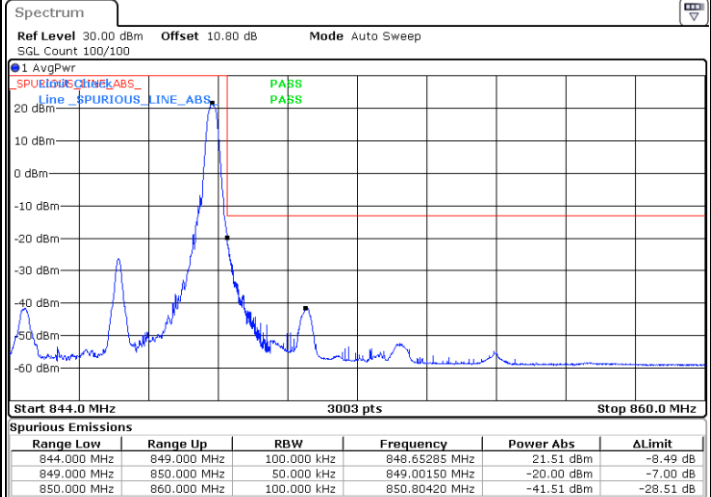
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



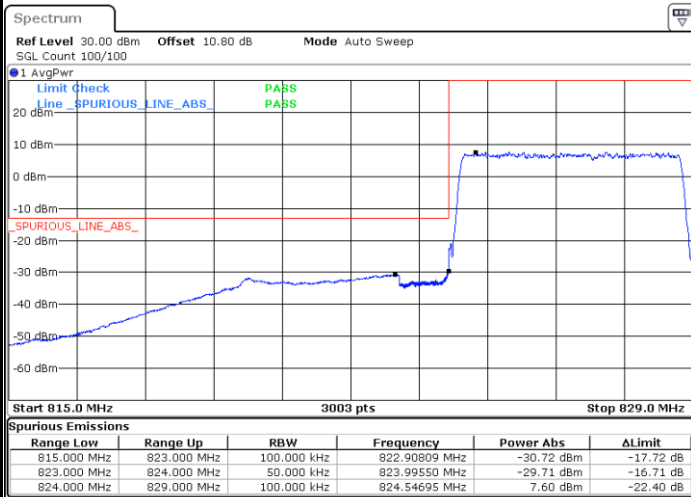
Date: 25 AUG 2017 15:55:39

Highest Band Edge / 1 RB



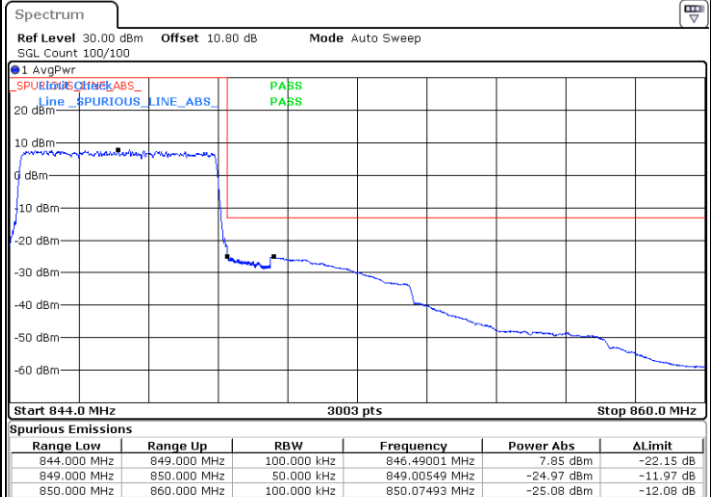
Date: 25 AUG.2017 16:07:09

Lowest Band Edge / Full RB



Date: 25 AUG.2017 15:58:57

Highest Band Edge / Full RB

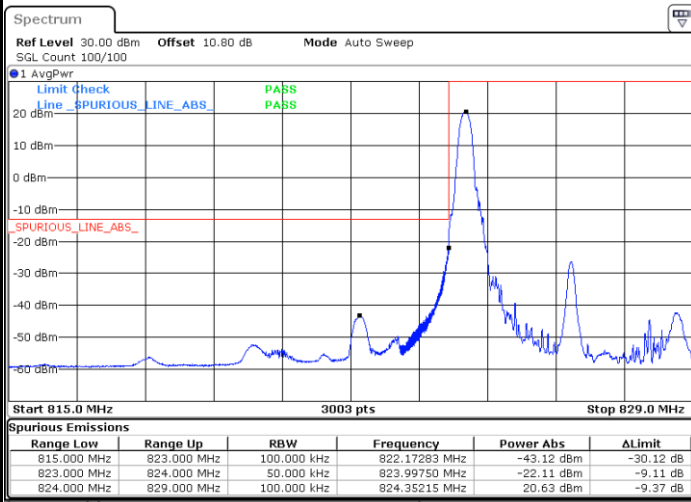


Date: 25 AUG.2017 16:10:26



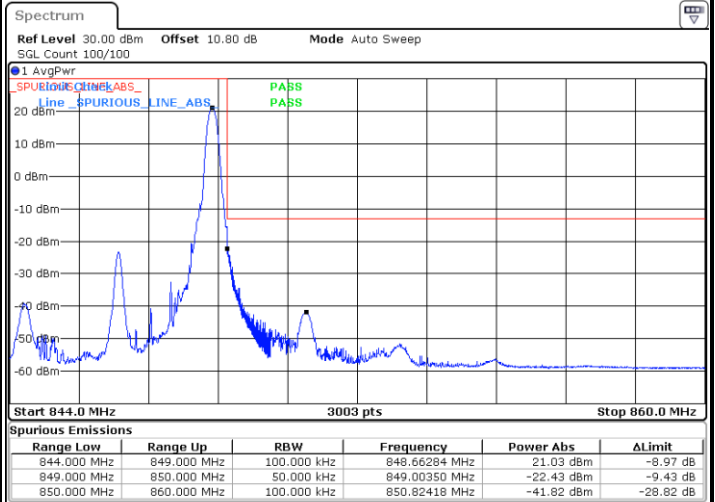
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



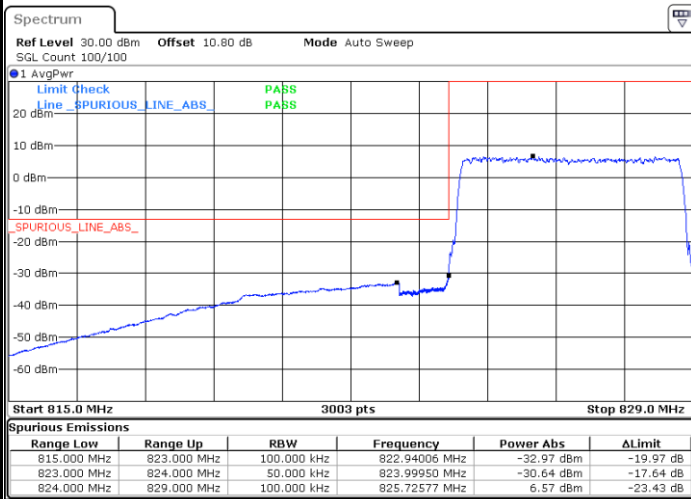
Date: 25 AUG 2017 15:57:18

Highest Band Edge / 1 RB



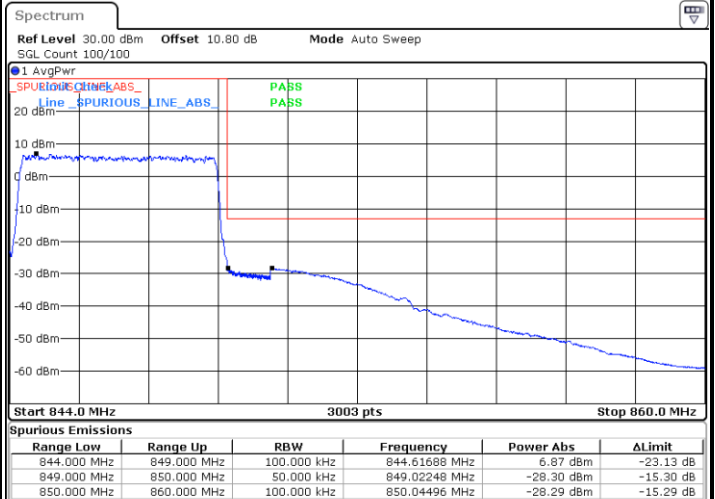
Date: 25 AUG 2017 16:08:48

Lowest Band Edge / Full RB



Date: 25 AUG 2017 16:00:35

Highest Band Edge / Full RB

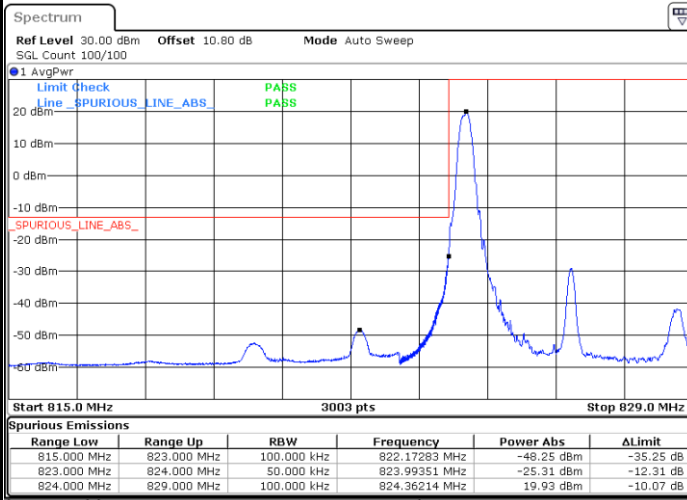


Date: 25 AUG 2017 16:12:05



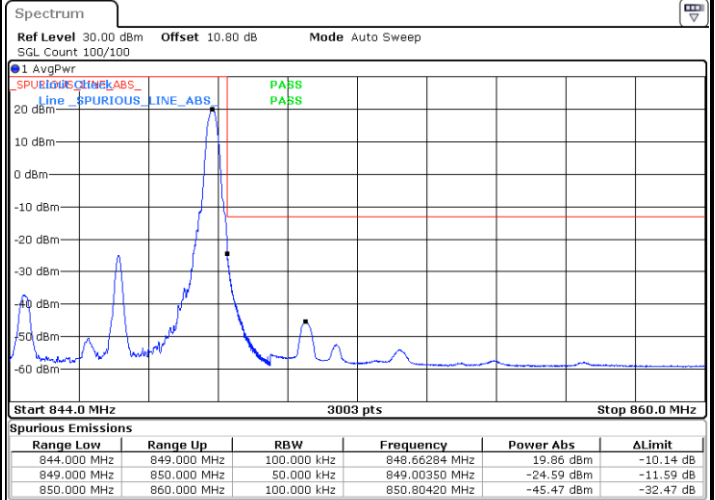
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



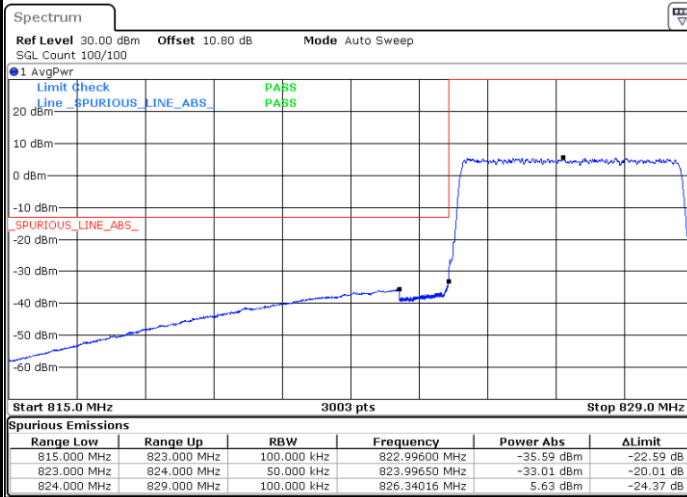
Date: 5.OCT.2017 12:23:18

Highest Band Edge / 1 RB



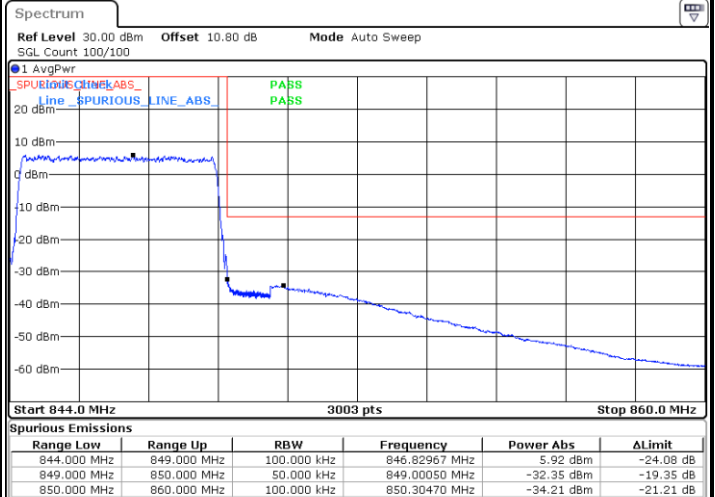
Date: 5.OCT.2017 14:41:54

Lowest Band Edge / Full RB



Date: 5.OCT.2017 14:37:48

Highest Band Edge / Full RB



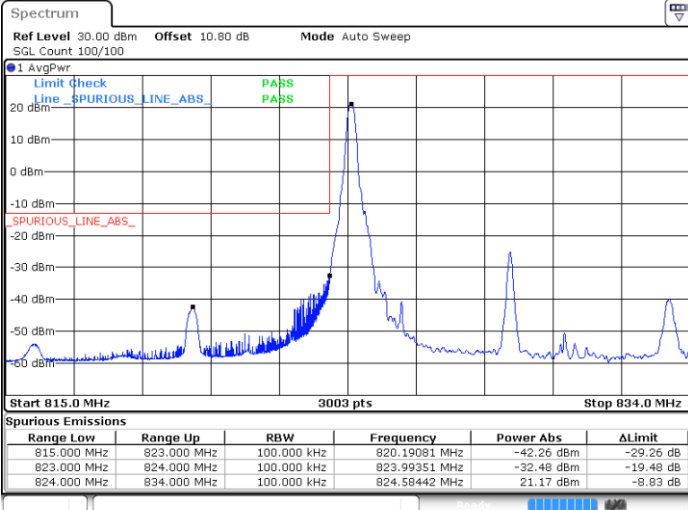
Date: 5.OCT.2017 14:43:33



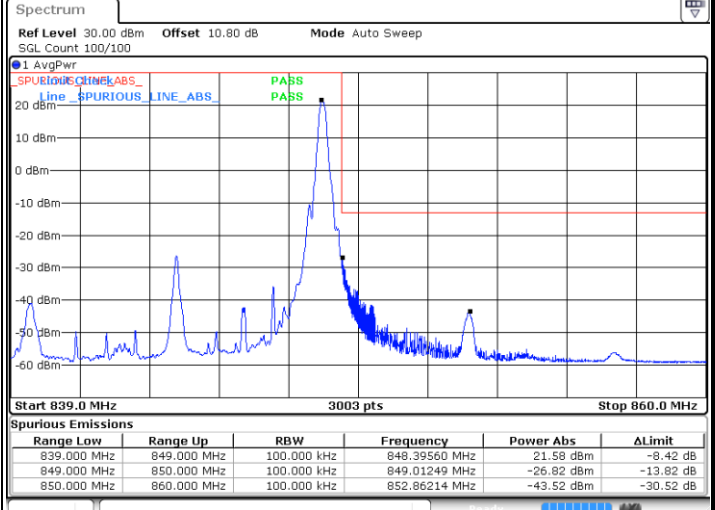
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



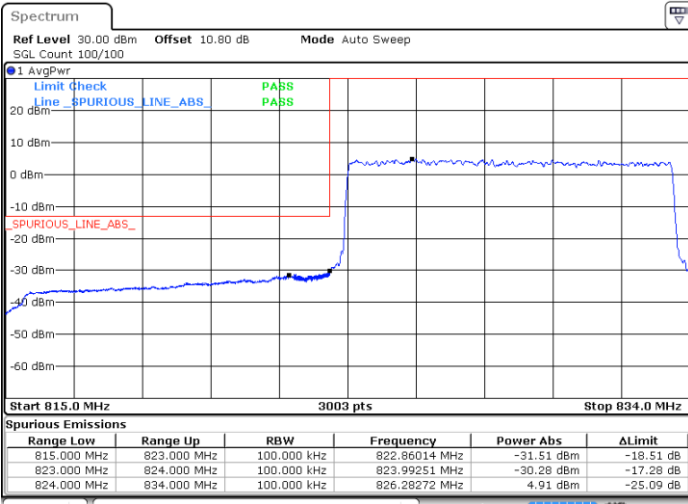
Date: 25 AUG 2017 16:16:11



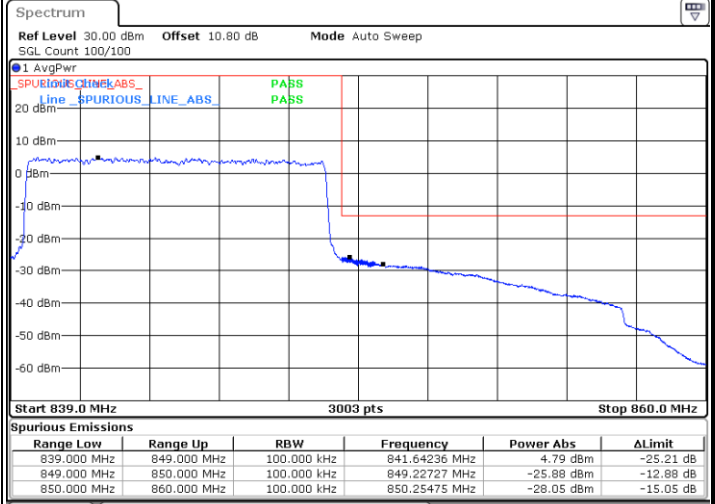
Date: 25 AUG.2017 16:27:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 25 AUG.2017 16:19:29

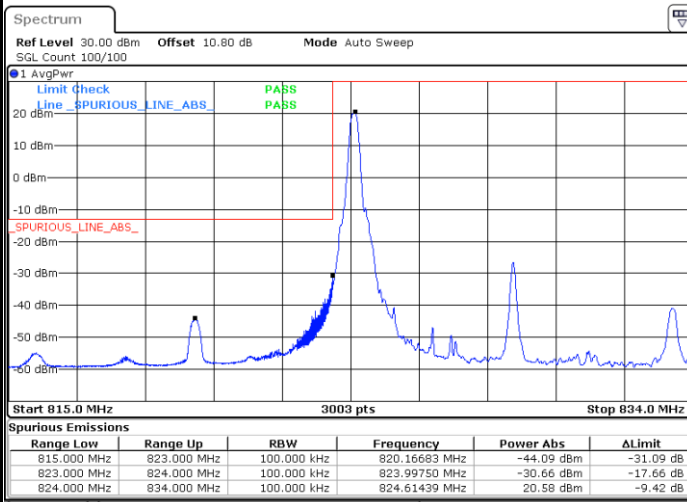


Date: 25 AUG.2017 16:30:58



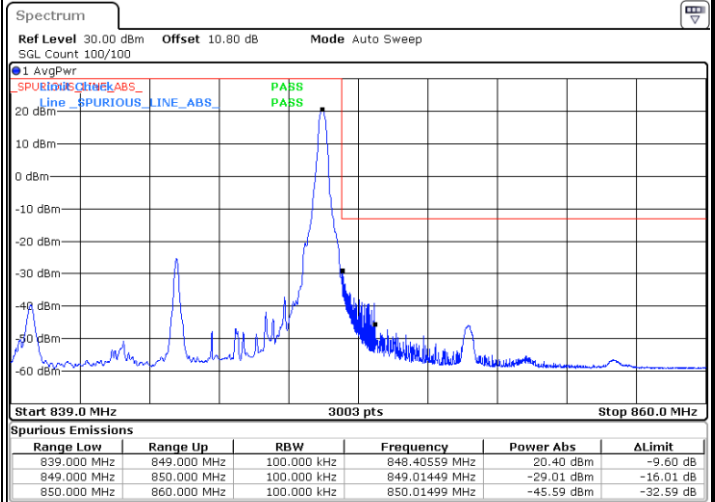
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



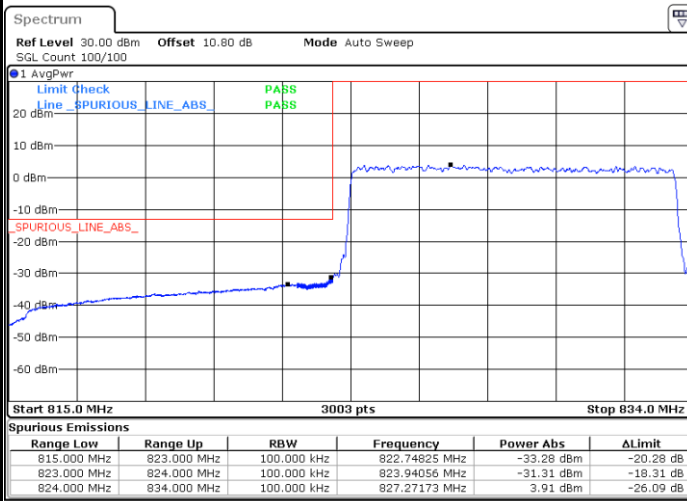
Date: 25 AUG 2017 16:17:50

Highest Band Edge / 1 RB



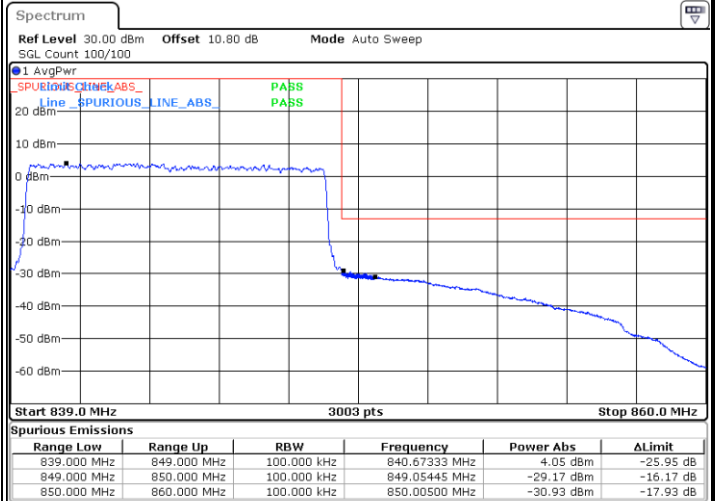
Date: 25 AUG 2017 16:29:20

Lowest Band Edge / Full RB



Date: 25 AUG 2017 16:21:07

Highest Band Edge / Full RB

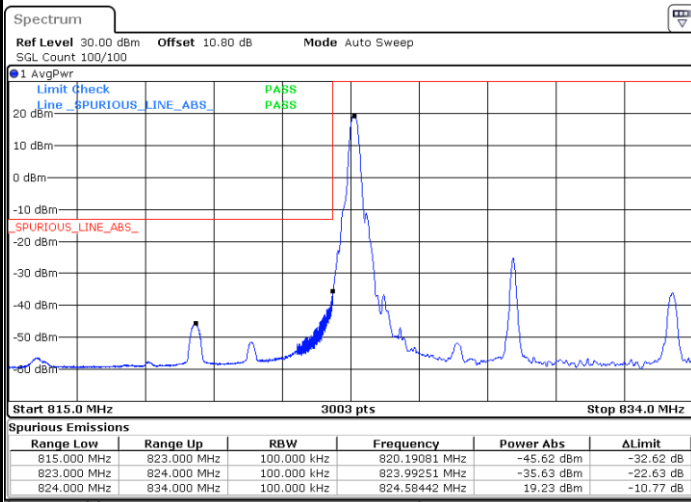


Date: 25 AUG 2017 16:32:37



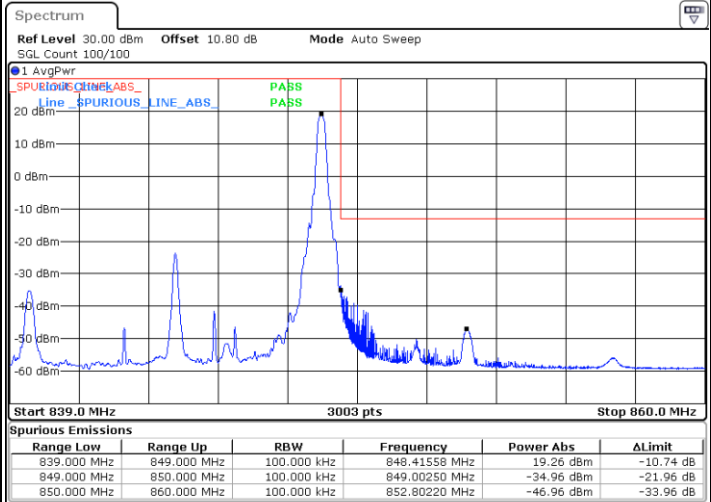
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



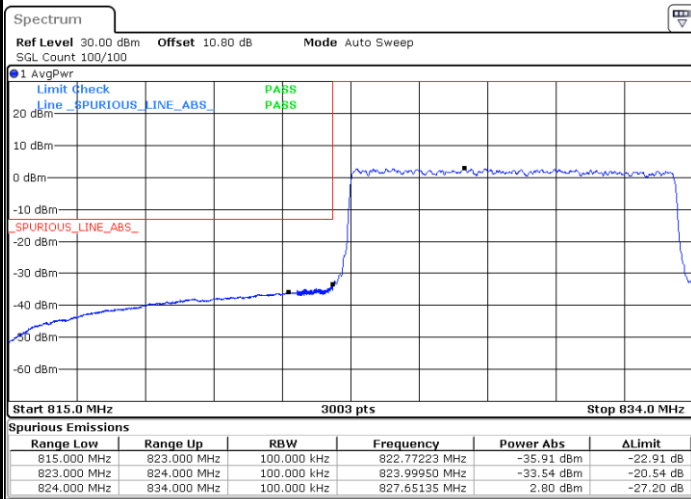
Date: 5.OCT.2017 14:46:26

Highest Band Edge / 1 RB



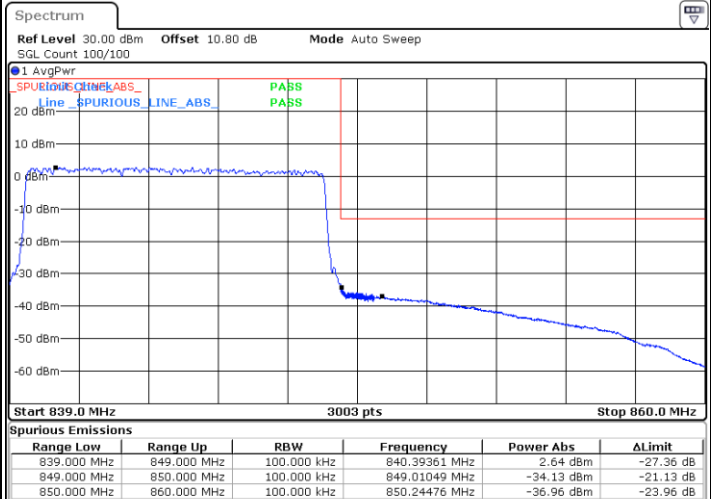
Date: 5.OCT.2017 14:52:11

Lowest Band Edge / Full RB



Date: 5.OCT.2017 14:48:04

Highest Band Edge / Full RB



Date: 5.OCT.2017 14:53:50



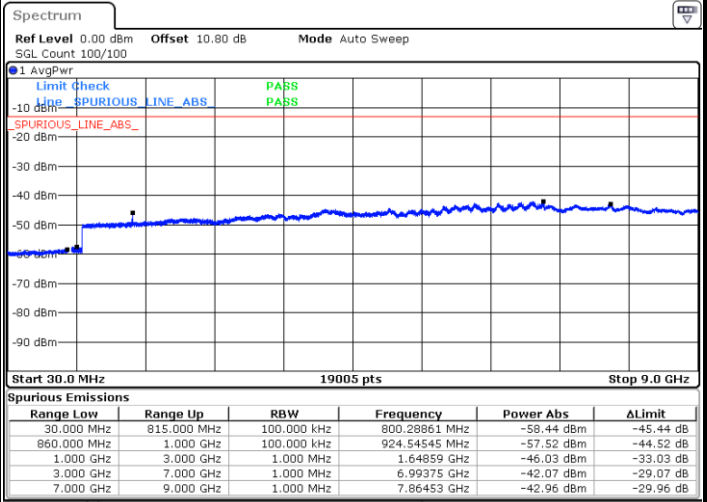
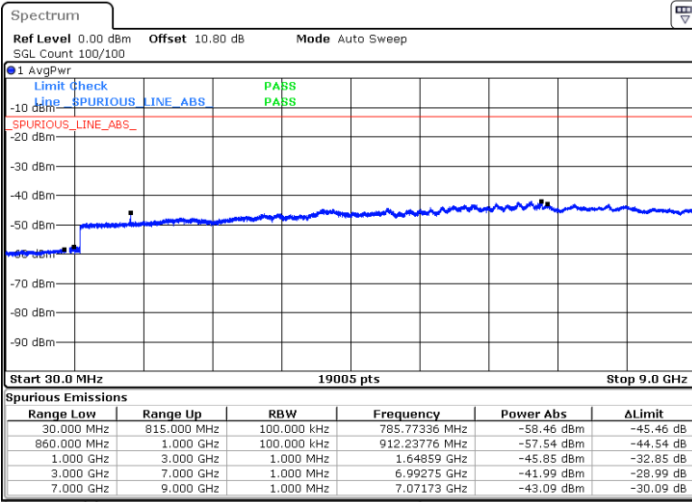
Conducted Spurious Emission



LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

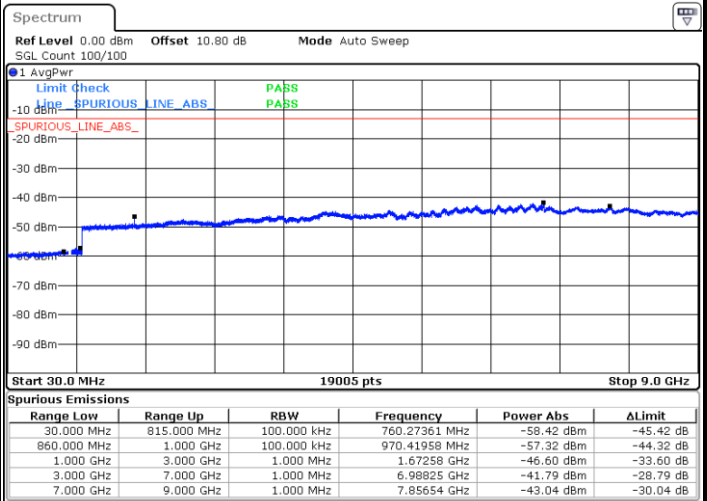
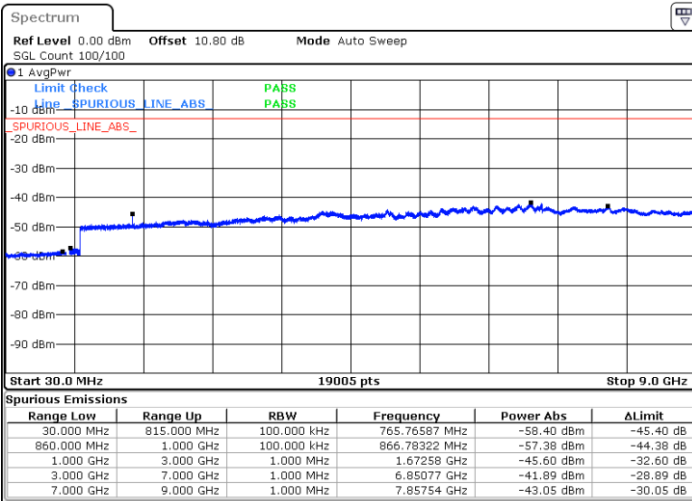


Date: 25 AUG.2017 15:20:26

Date: 25 AUG.2017 15:21:19

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 25 AUG.2017 15:22:53

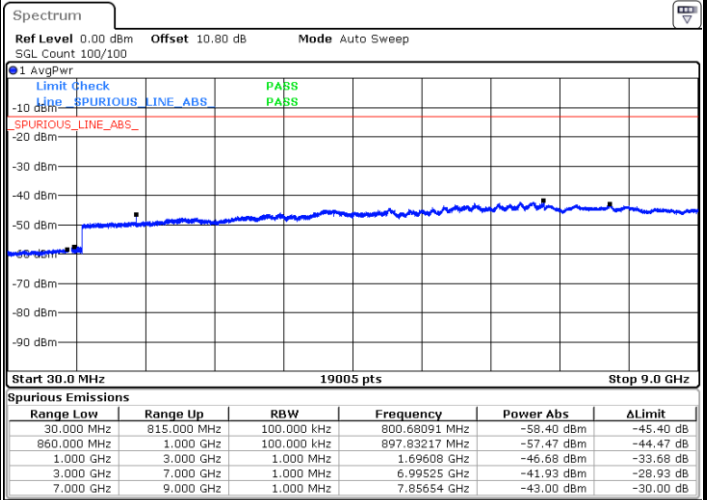
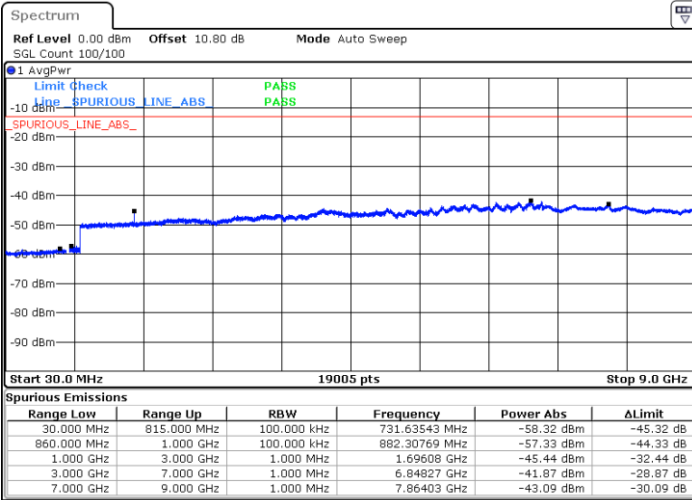
Date: 25 AUG.2017 15:23:47



LTE Band 5 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



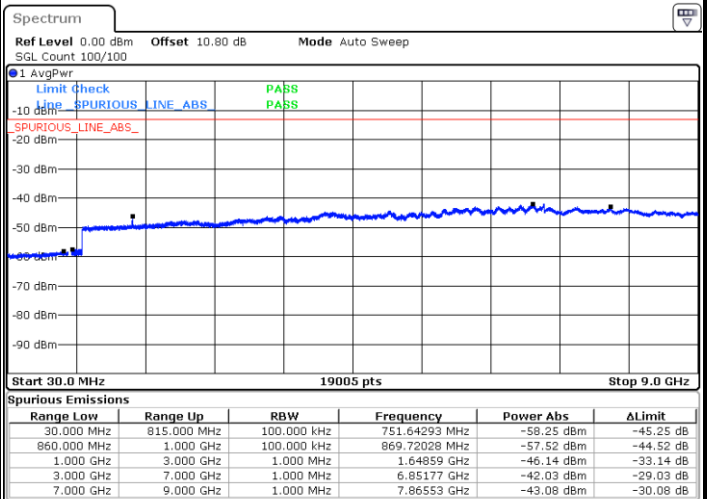
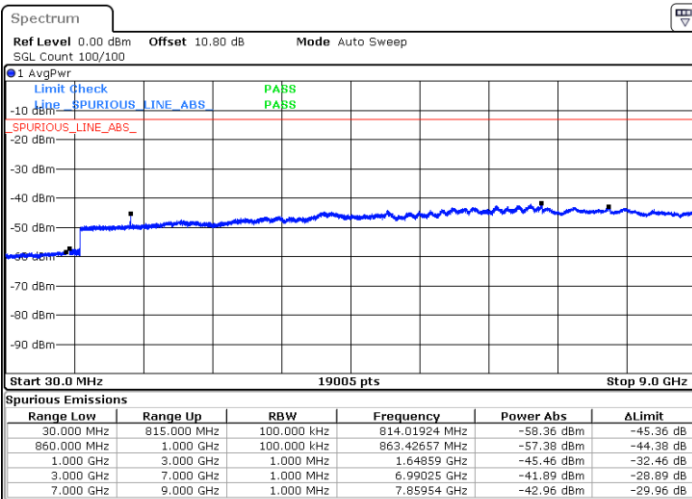
Date: 25 AUG 2017 15:31:55

Date: 25 AUG 2017 15:32:49

LTE Band 5 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 25 AUG 2017 15:40:57

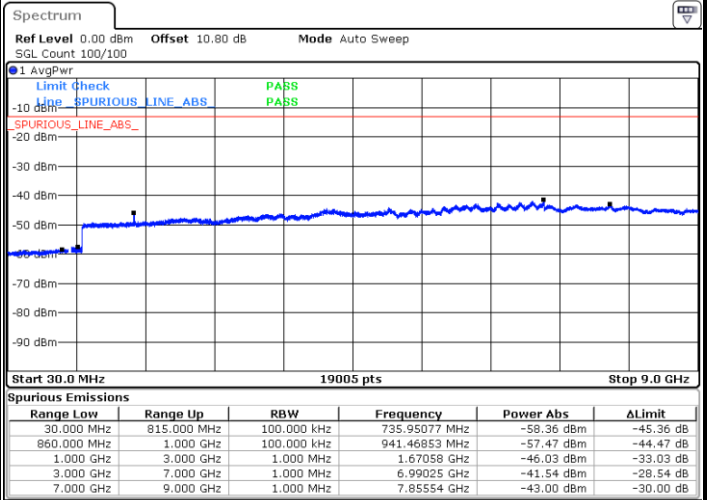
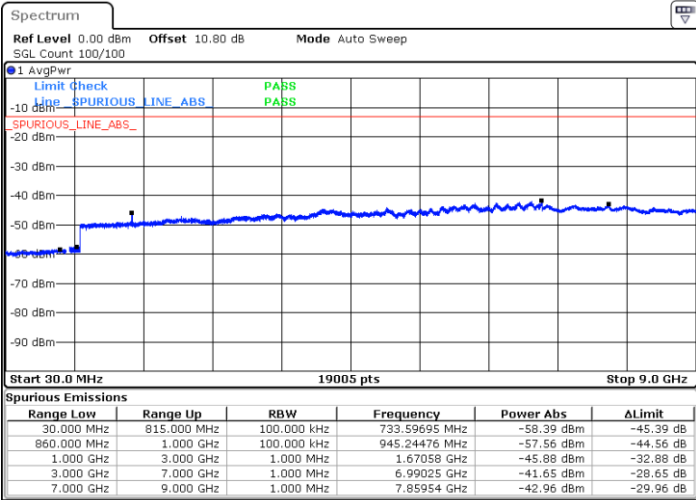
Date: 25 AUG 2017 15:41:51



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

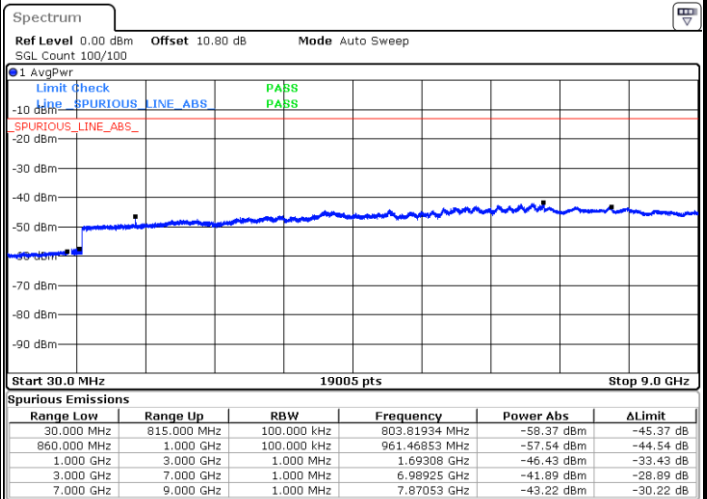
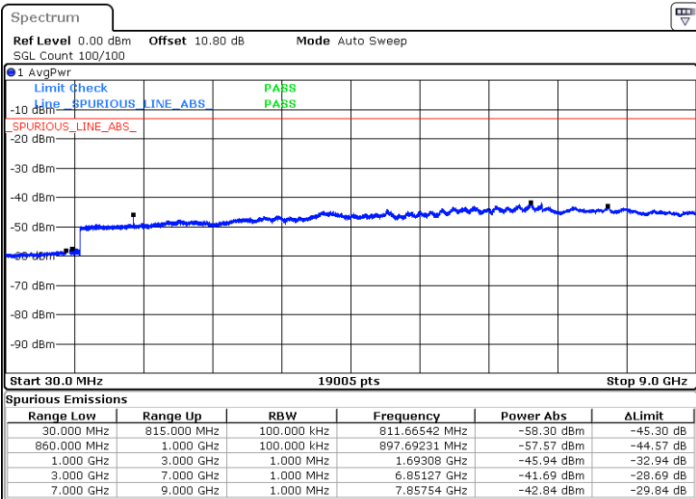


Date: 25.AUG.2017 15:43:25

Date: 25.AUG.2017 15:44:19

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25.AUG.2017 15:52:27

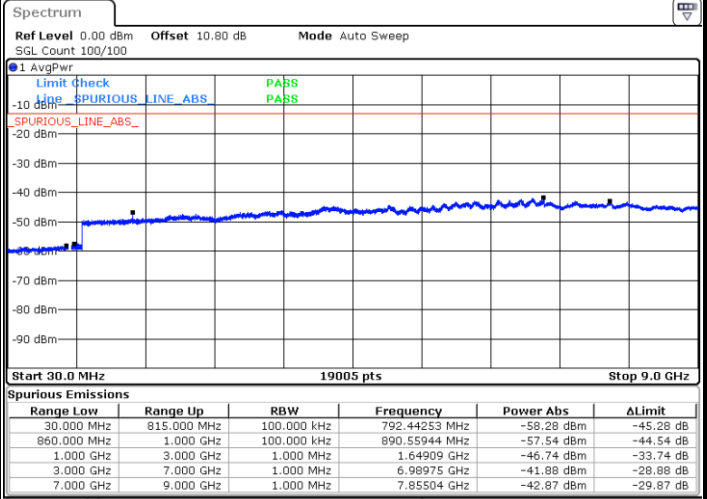
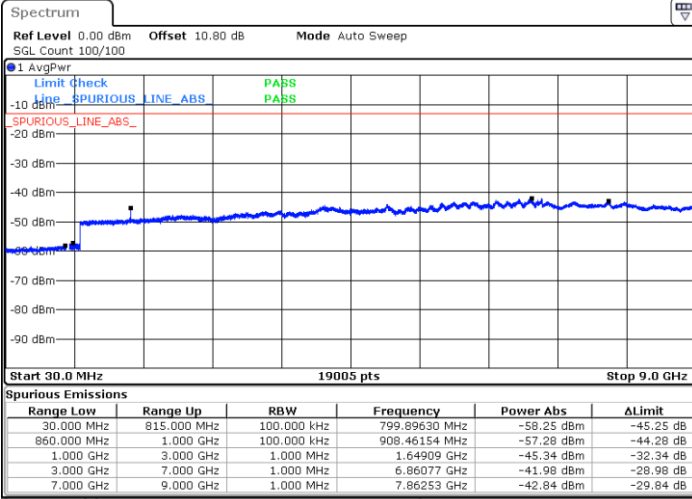
Date: 25.AUG.2017 15:53:21



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

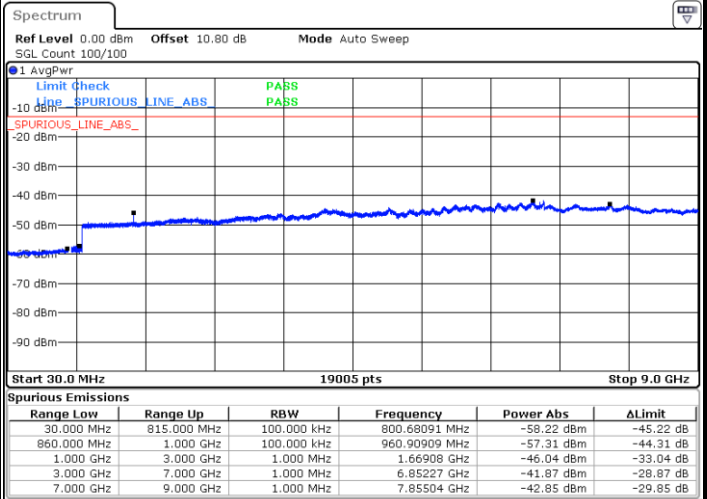
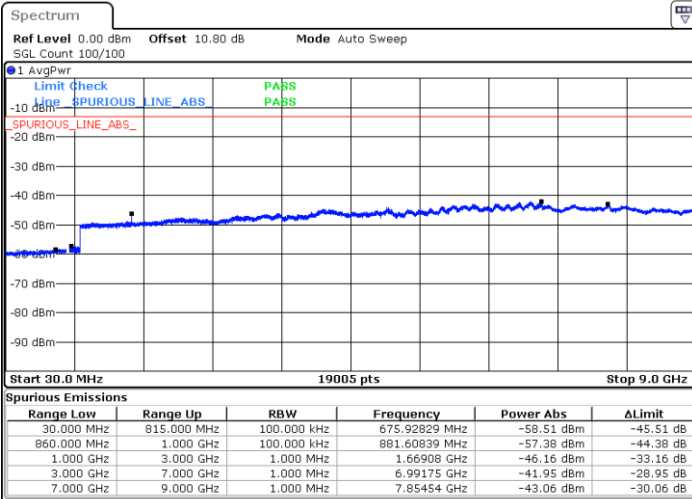


Date: 25.AUG.2017 16:01:30

Date: 25.AUG.2017 16:02:23

Middle Channel / QPSK

Middle Channel / 16QAM



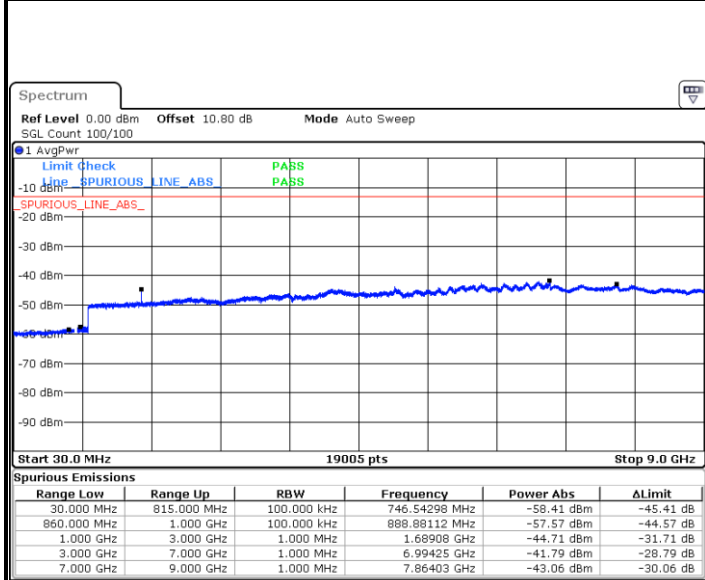
Date: 25.AUG.2017 16:03:57

Date: 25.AUG.2017 16:04:51



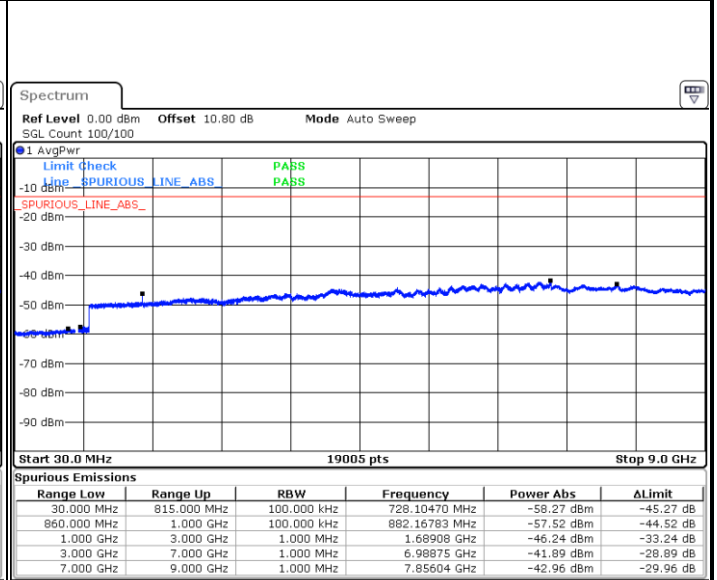
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 25 AUG 2017 16:12:59

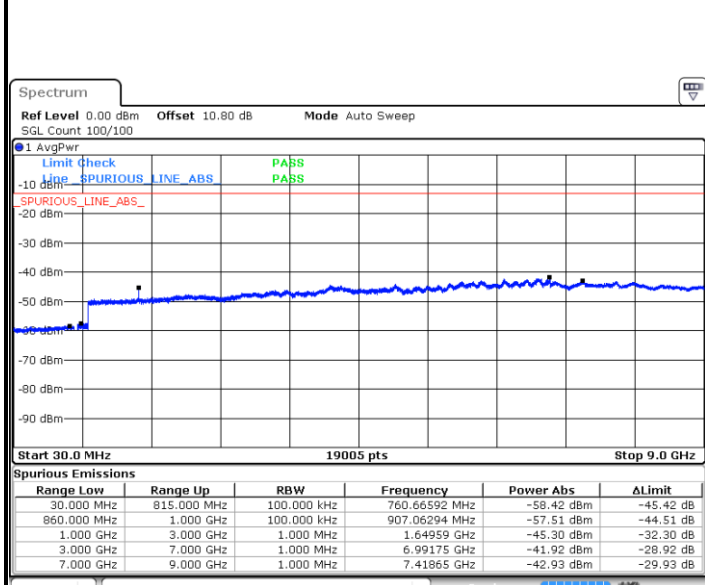
Highest Channel / 16QAM



Date: 25 AUG 2017 16:13:53

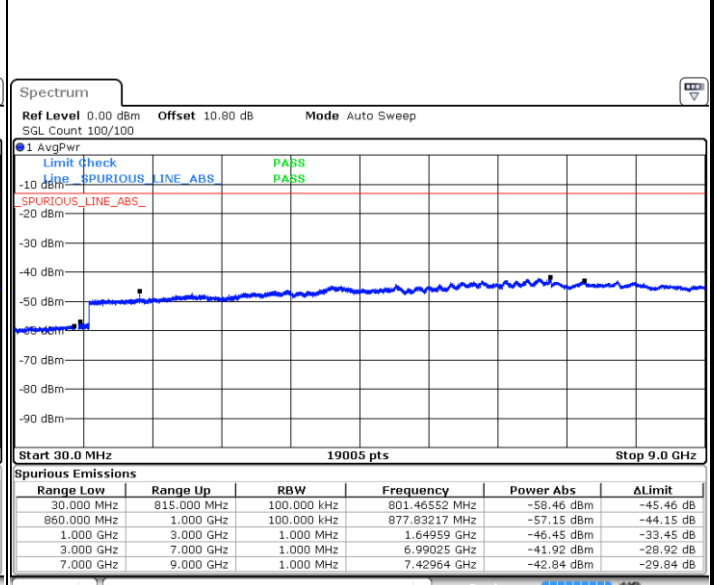
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 25 AUG 2017 16:22:02

Lowest Channel / 16QAM



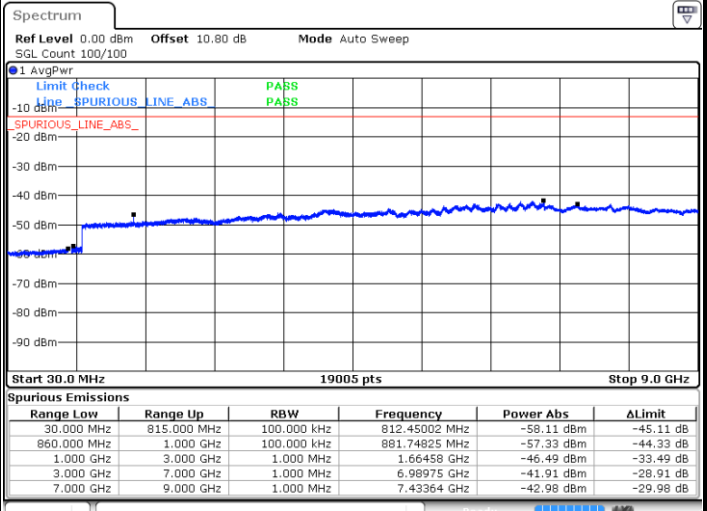
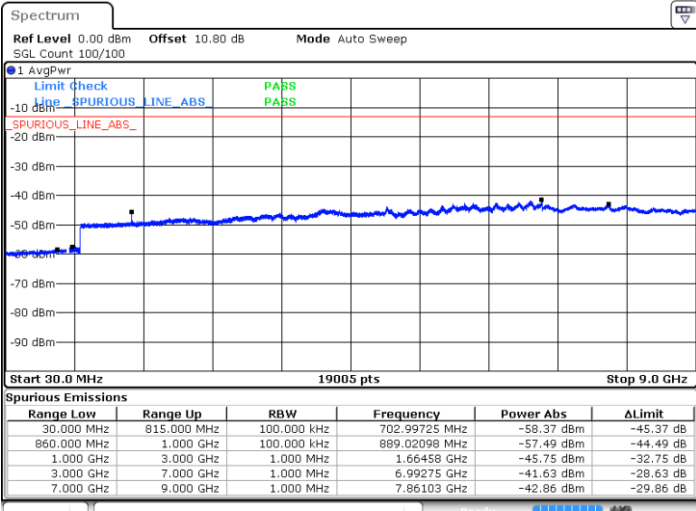
Date: 25 AUG 2017 16:22:55



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

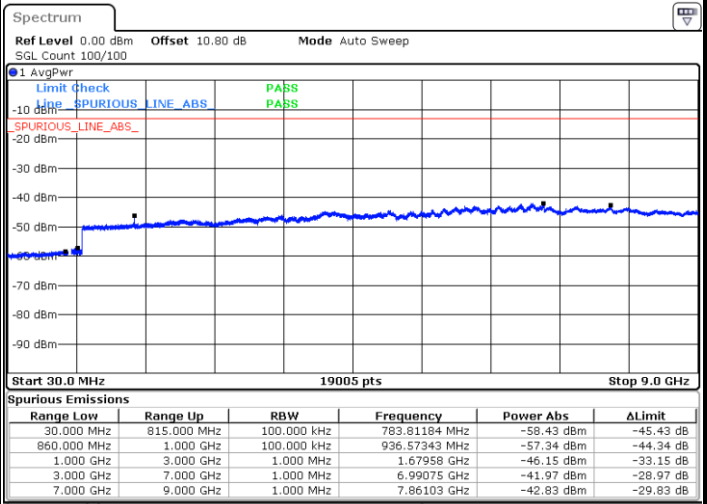
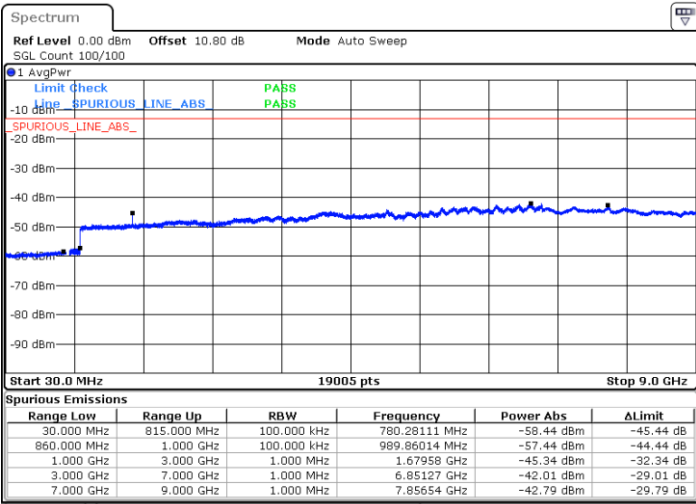


Date: 25 AUG. 2017 16:24:29

Date: 25 AUG. 2017 16:25:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 25 AUG. 2017 16:33:32

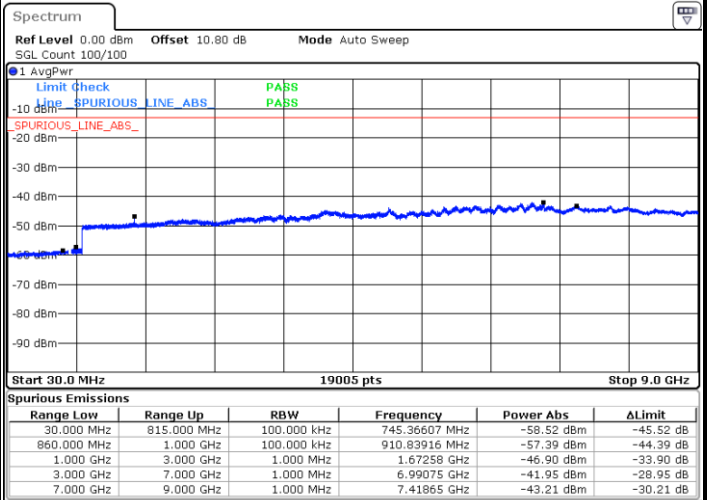
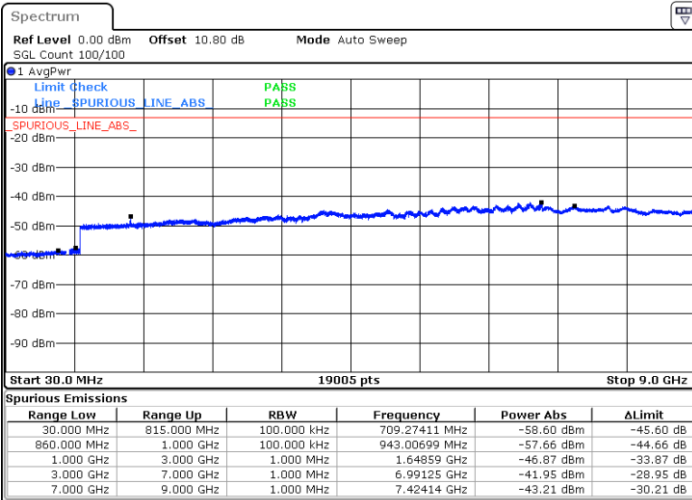
Date: 25 AUG. 2017 16:34:25



LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

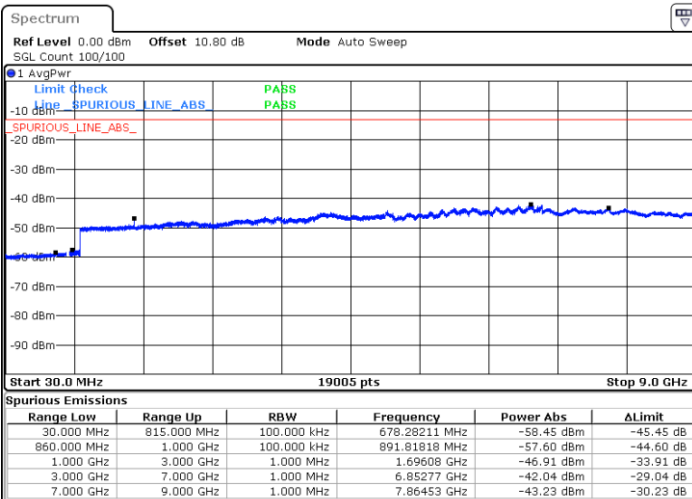
Middle Channel / 64QAM



Date: 5.OCT.2017 15:11:44

Date: 5.OCT.2017 15:12:58

Highest Channel / 64QAM

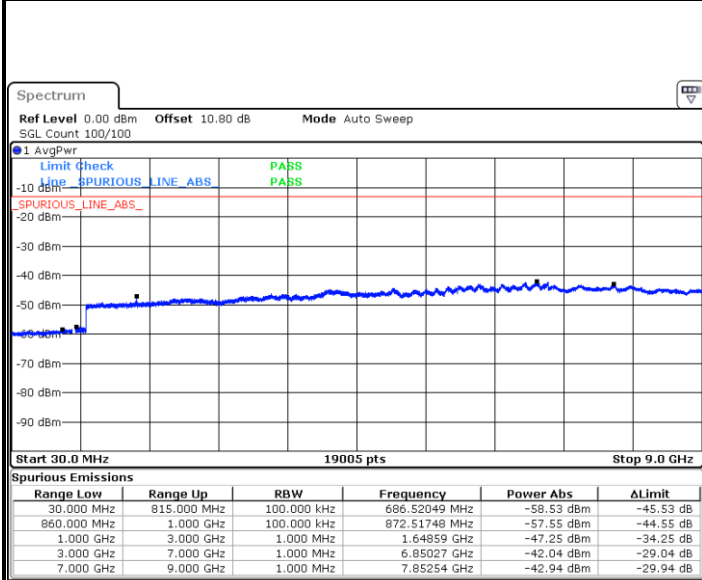


Date: 5.OCT.2017 15:17:29



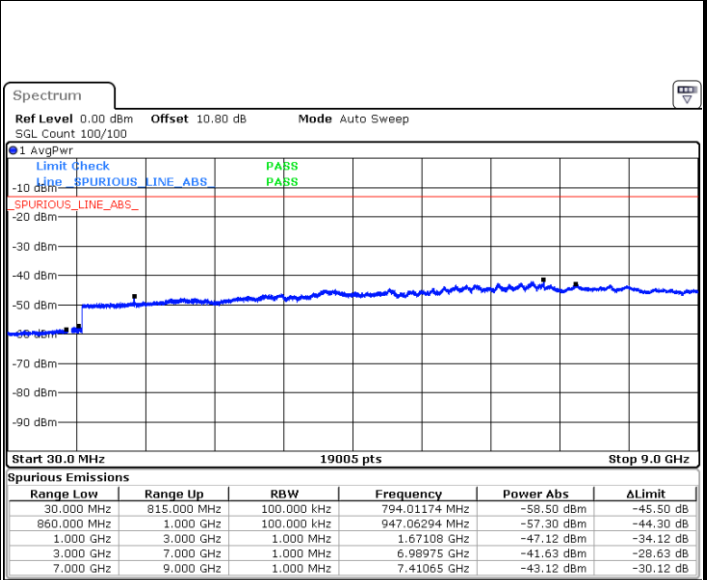
LTE Band 5 / 3MHz

Lowest Channel / 64QAM



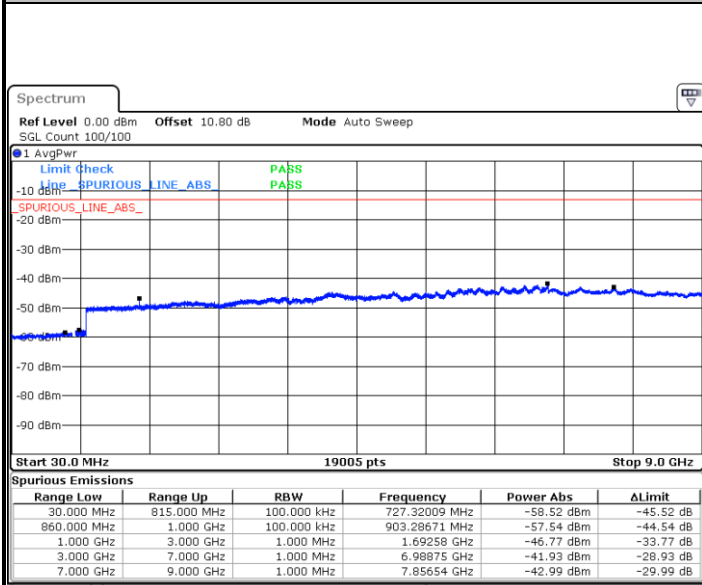
Date: 5.OCT.2017 12:15:35

Middle Channel / 64QAM



Date: 5.OCT.2017 12:16:49

Highest Channel / 64QAM



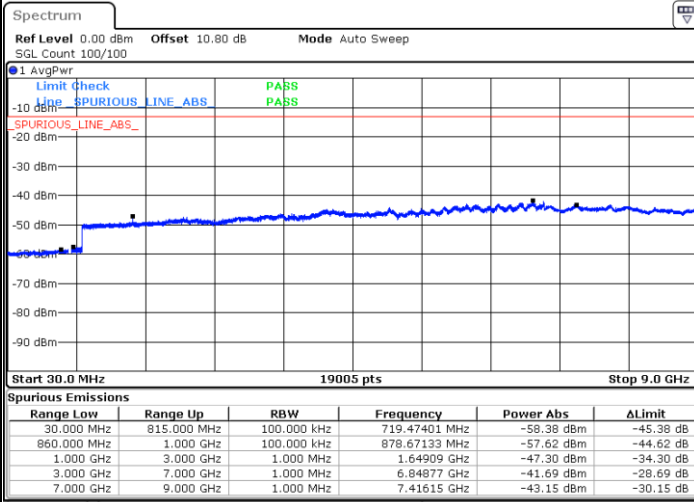
Date: 5.OCT.2017 12:21:20



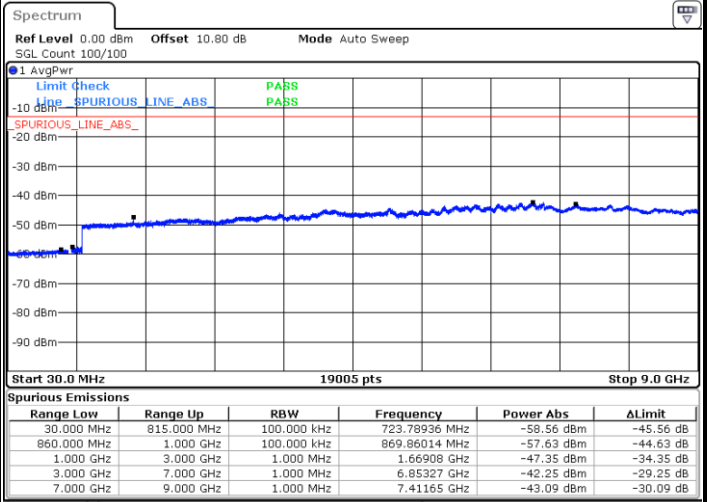
LTE Band 5 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

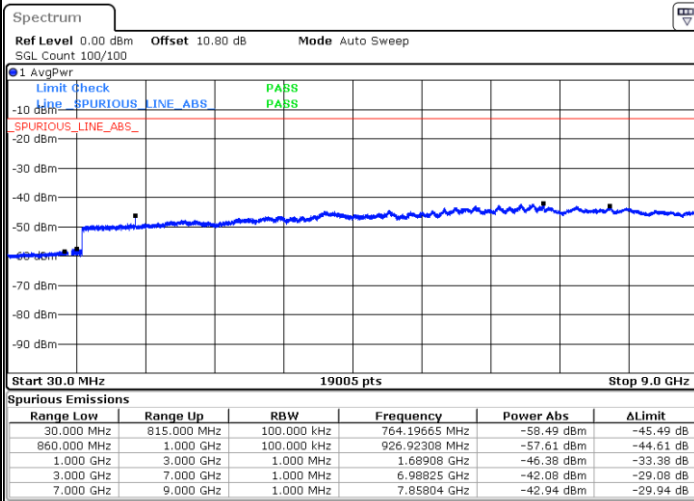


Date: 5.OCT.2017 14:38:42



Date: 5.OCT.2017 14:39:56

Highest Channel / 64QAM



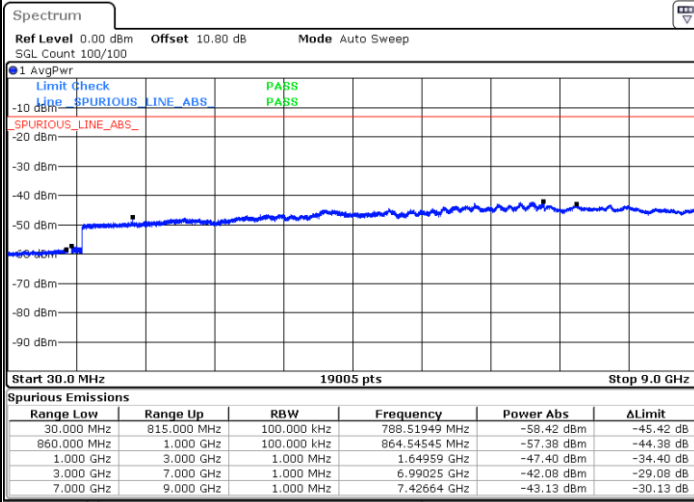
Date: 5.OCT.2017 14:44:28



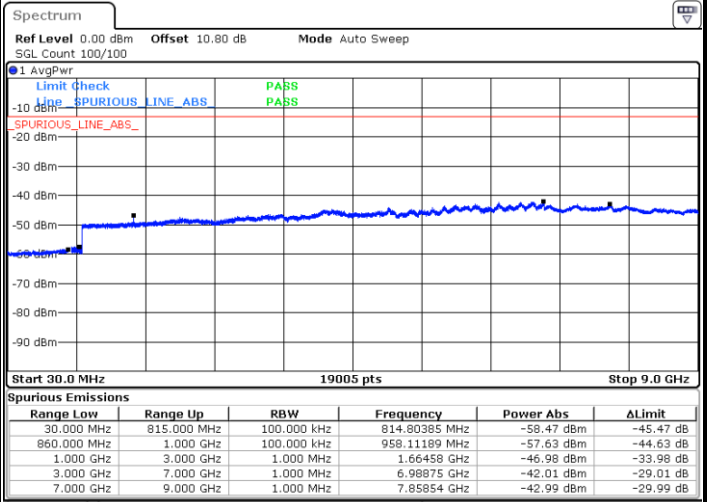
LTE Band 5 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

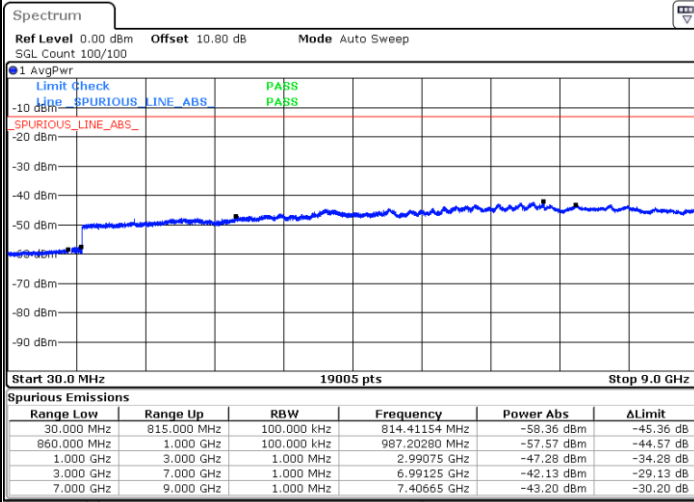


Date: 5.OCT.2017 14:48:59



Date: 5.OCT.2017 14:50:13

Highest Channel / 64QAM



Date: 5.OCT.2017 14:54:44



Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0112	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0117	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0108	
-20	Normal Voltage	0.0099	
-30	Normal Voltage	0.0098	
20	Maximum Voltage	0.0116	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0085	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

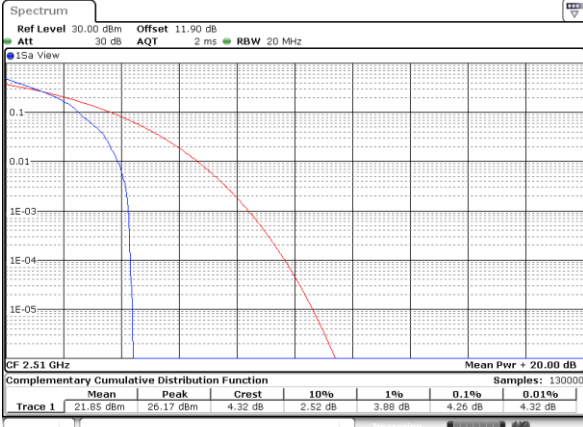
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.26	5.04	5.28	6.06	PASS
Middle CH	4.41	5.07	5.59	6.17	
Highest CH	4.35	4.7	5.13	5.83	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.06	6.58	-	-	PASS
Middle CH	6.32	6.52	-	-	
Highest CH	5.88	6.38	-	-	



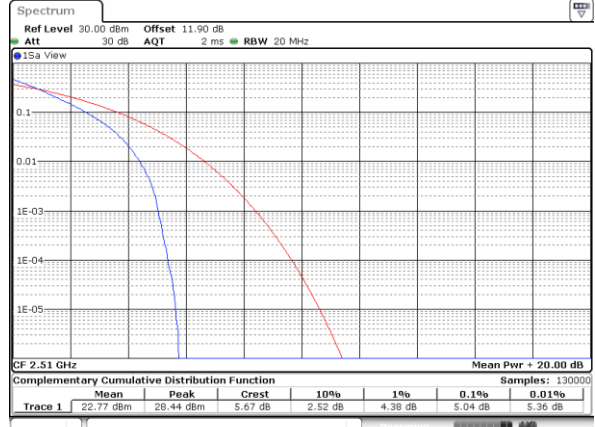
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



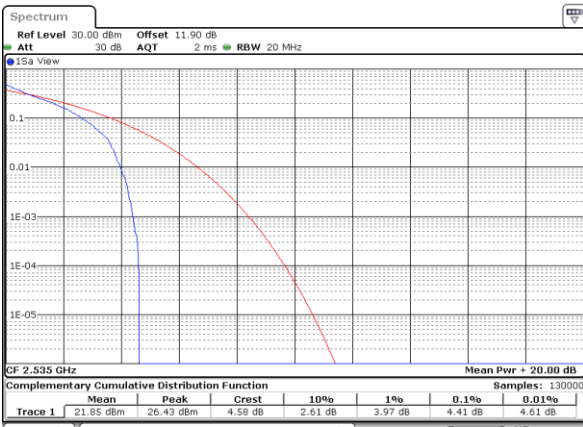
Date: 25 AUG 2017 19:52:35

Lowest Channel / Full RB



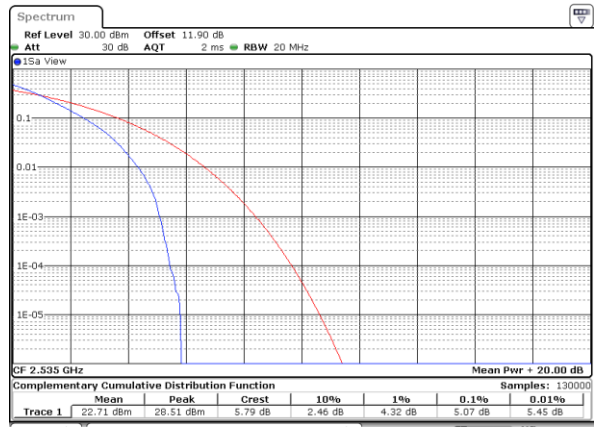
Date: 25 AUG 2017 19:52:45

Middle Channel / 1RB



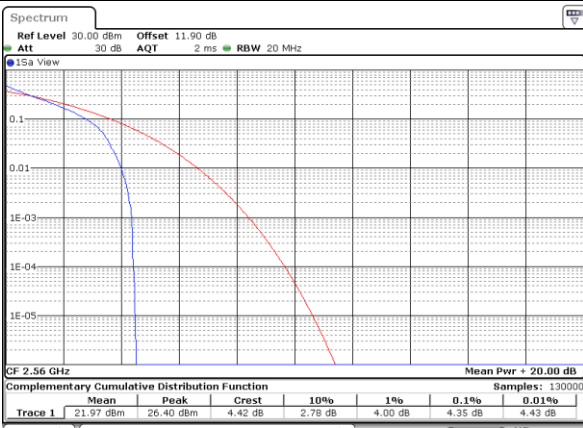
Date: 25 AUG 2017 19:52:54

Middle Channel / Full RB



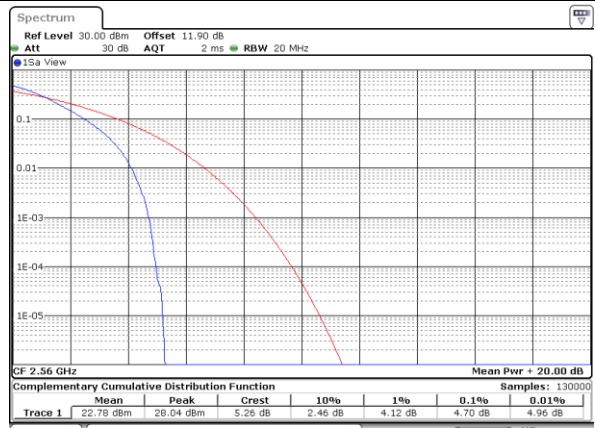
Date: 25 AUG 2017 19:53:03

Highest Channel / 1RB



Date: 25 AUG 2017 19:53:12

Highest Channel / Full RB

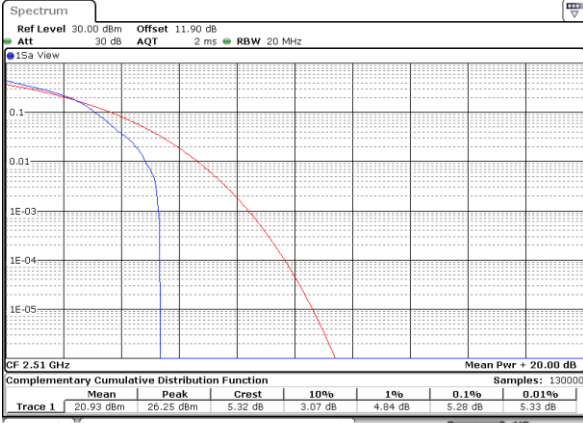


Date: 25 AUG 2017 19:53:21



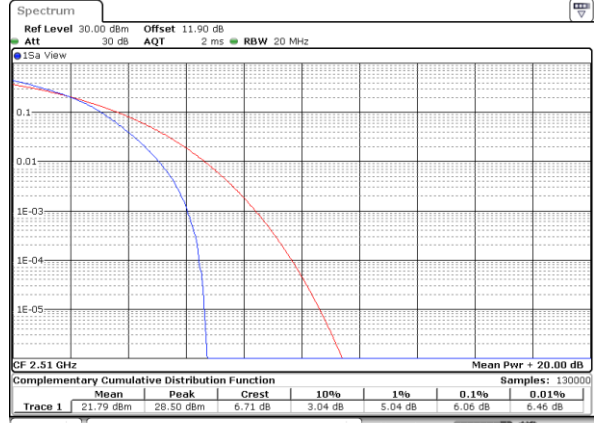
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



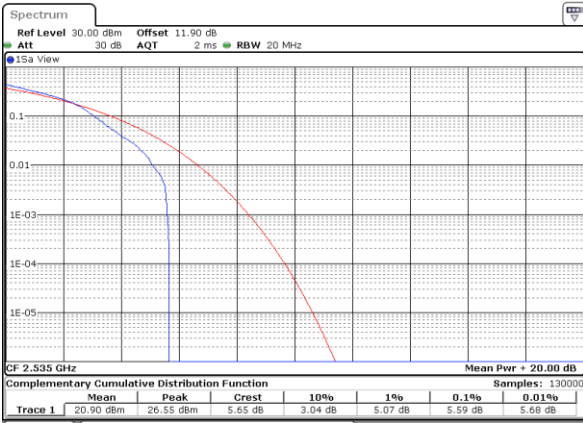
Date: 25 AUG 2017 19:51:38

Lowest Channel / Full RB



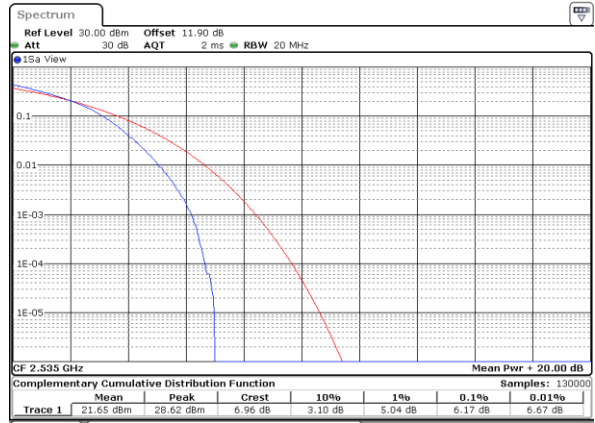
Date: 25 AUG 2017 19:51:49

Middle Channel / 1RB



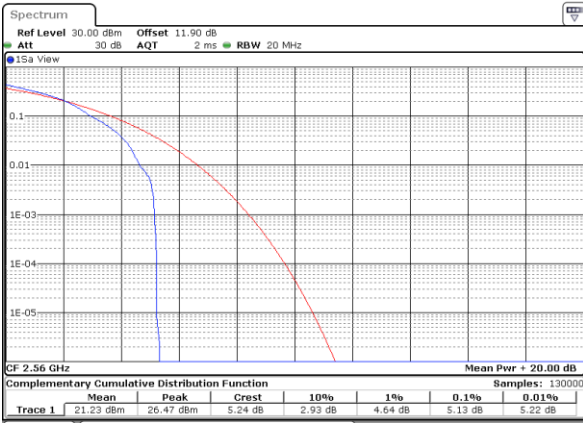
Date: 25 AUG 2017 19:51:58

Middle Channel / Full RB



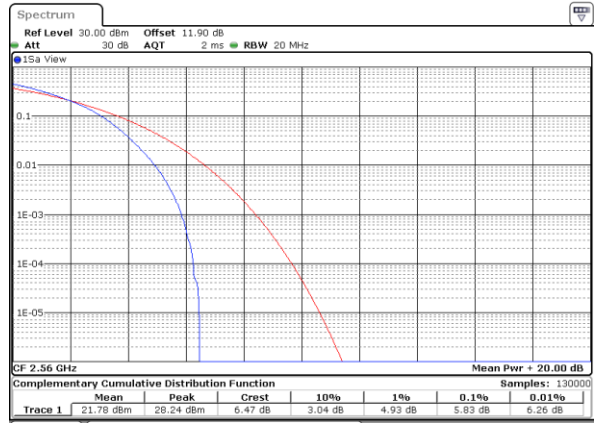
Date: 25 AUG 2017 19:52:07

Highest Channel / 1RB



Date: 25 AUG 2017 19:52:16

Highest Channel / Full RB



Date: 25 AUG 2017 19:52:26



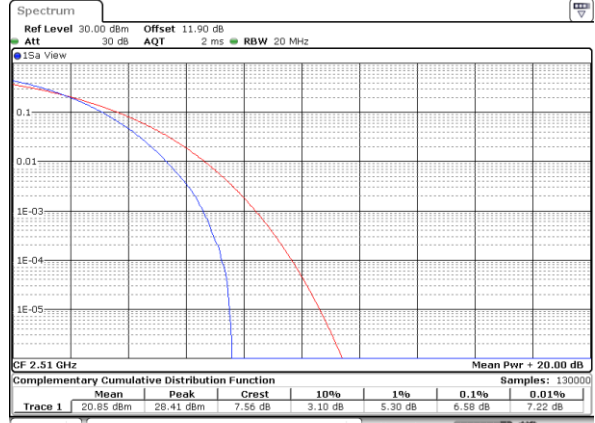
LTE Band 7 / 20MHz / 64QAM

Lowest Channel / 1RB



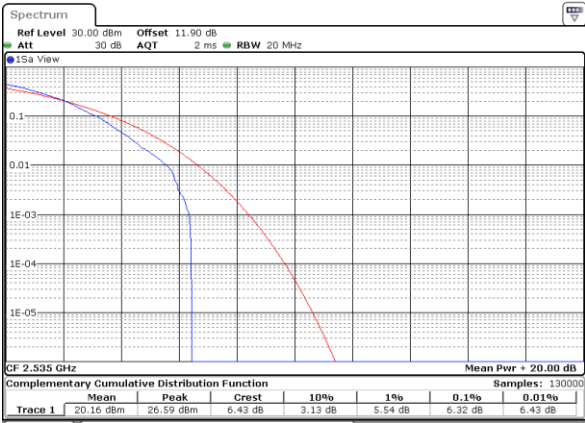
Date: 5.OCT.2017 16:18:43

Lowest Channel / Full RB



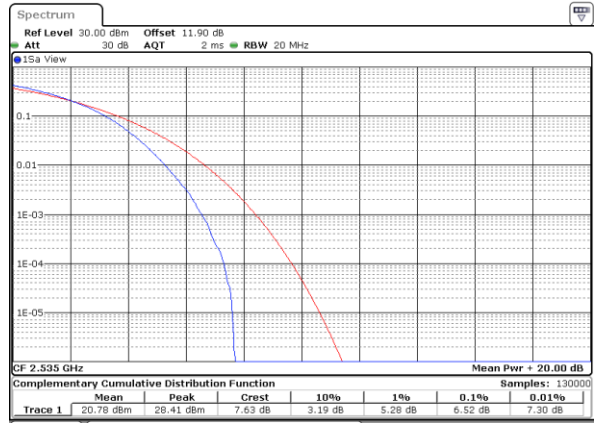
Date: 5.OCT.2017 16:16:57

Middle Channel / 1RB



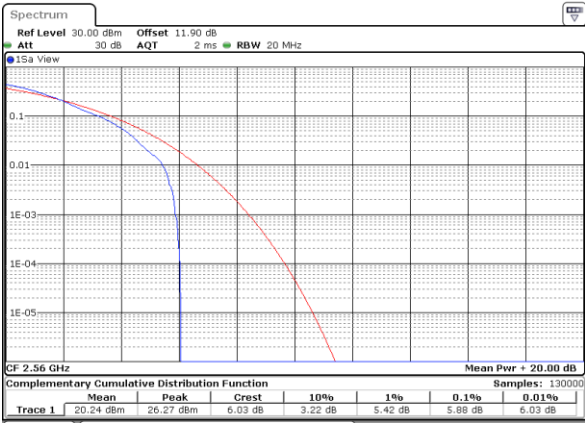
Date: 5.OCT.2017 16:19:13

Middle Channel / Full RB



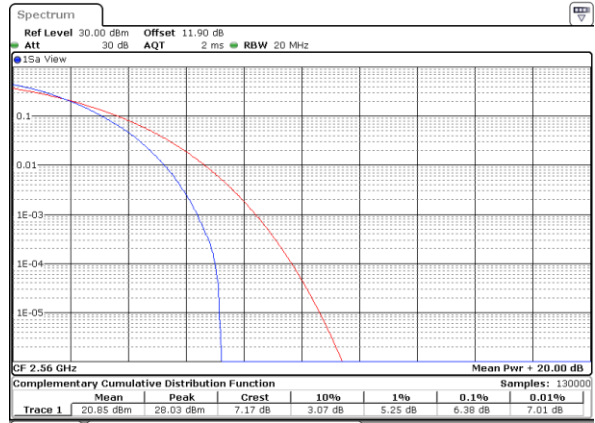
Date: 5.OCT.2017 16:19:21

Highest Channel / 1RB



Date: 5.OCT.2017 16:53:54

Highest Channel / Full RB



Date: 5.OCT.2017 16:54:06