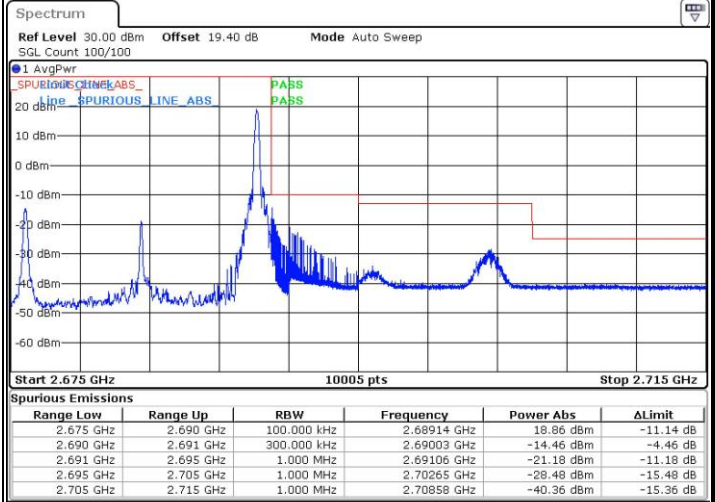
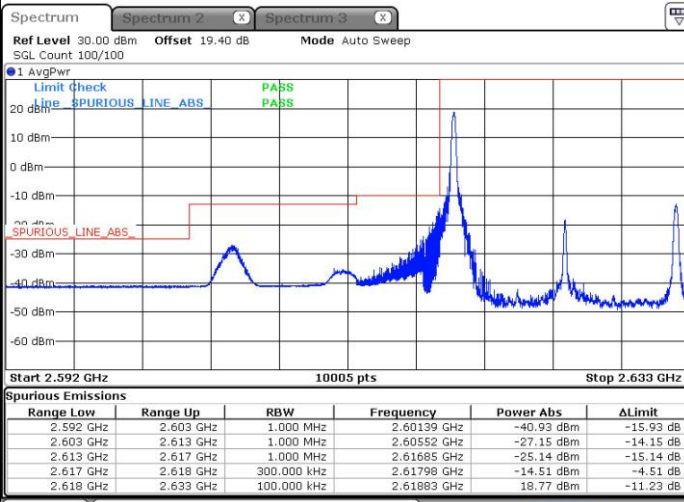




LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

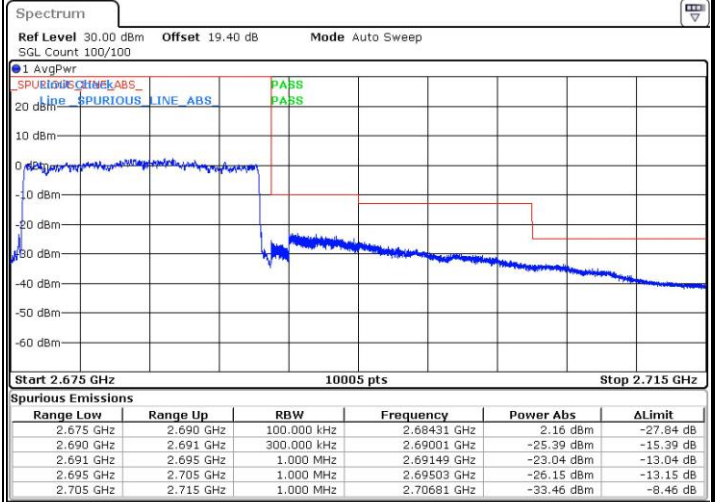
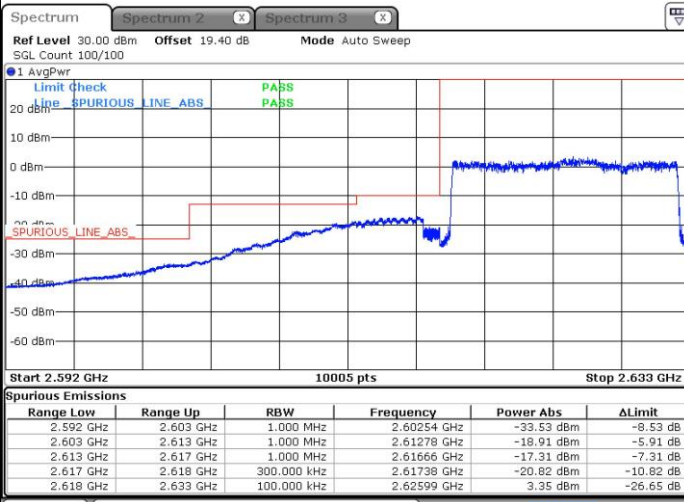


Date: 30 MAY 2018 00:08:36

Date: 29 MAY 2018 15:20:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



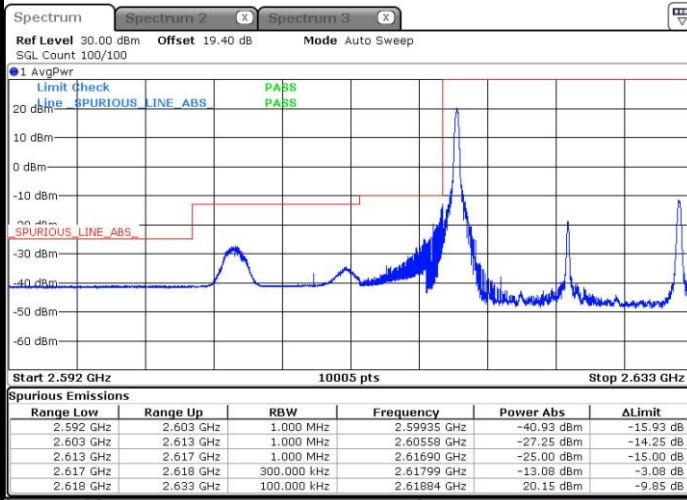
Date: 30 MAY 2018 00:10:14

Date: 29 MAY 2018 15:20:56



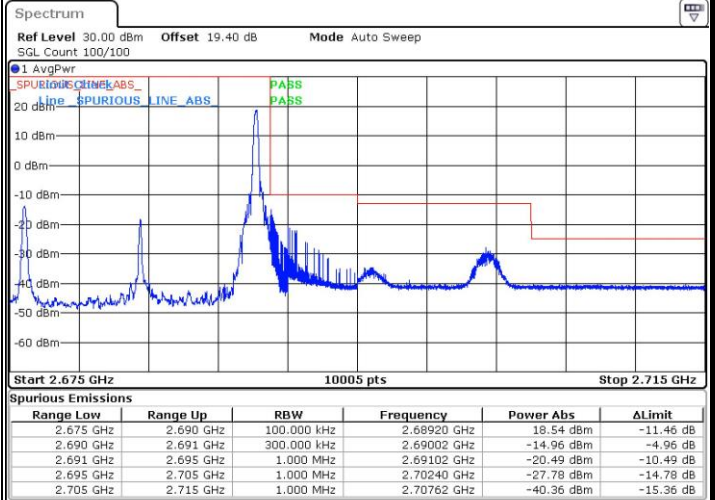
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



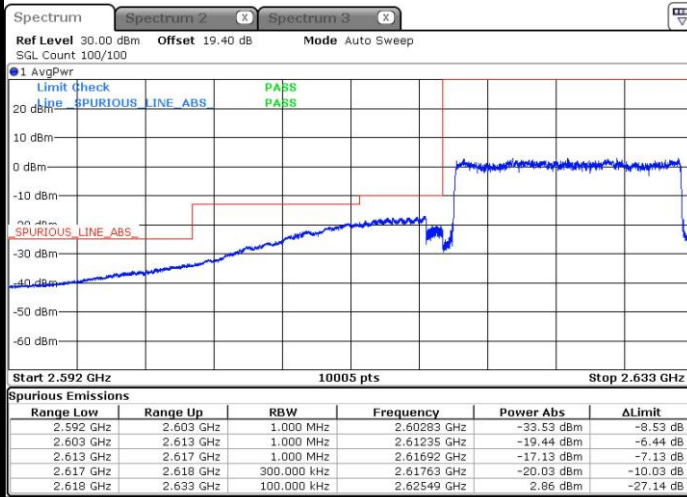
Date: 30.MAY.2018 00:09:05

Highest Band Edge / 1 RB



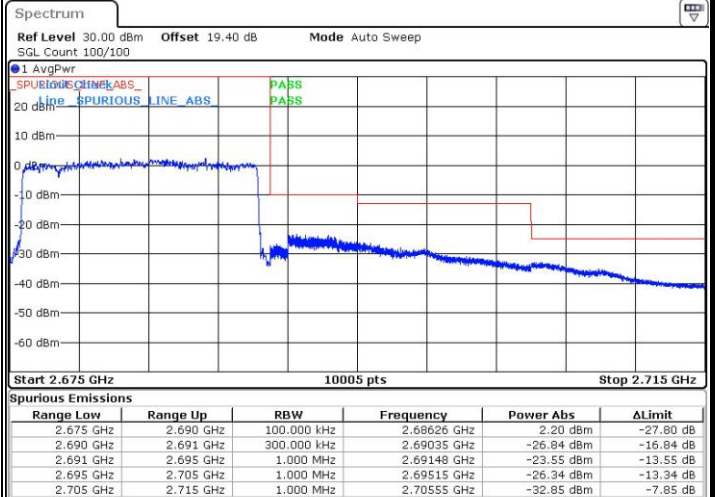
Date: 29.MAY.2018 15:19:26

Lowest Band Edge / Full RB



Date: 30.MAY.2018 00:11:13

Highest Band Edge / Full RB



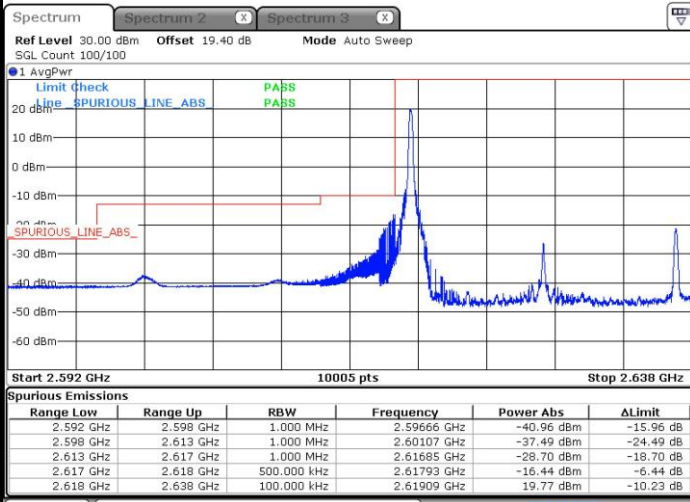
Date: 29.MAY.2018 15:18:58



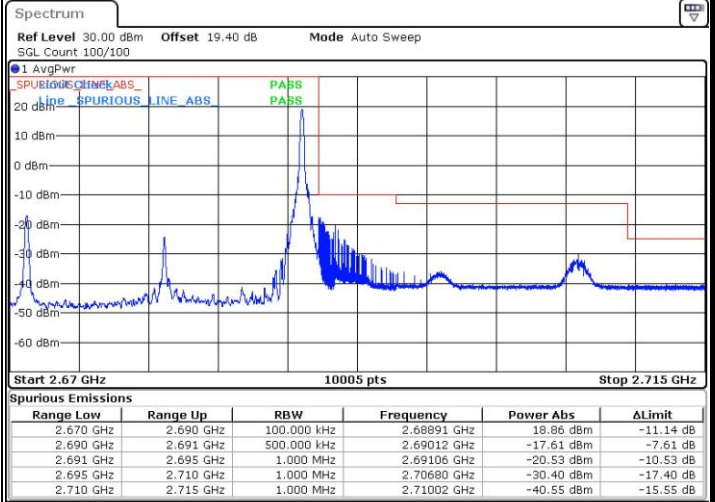
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



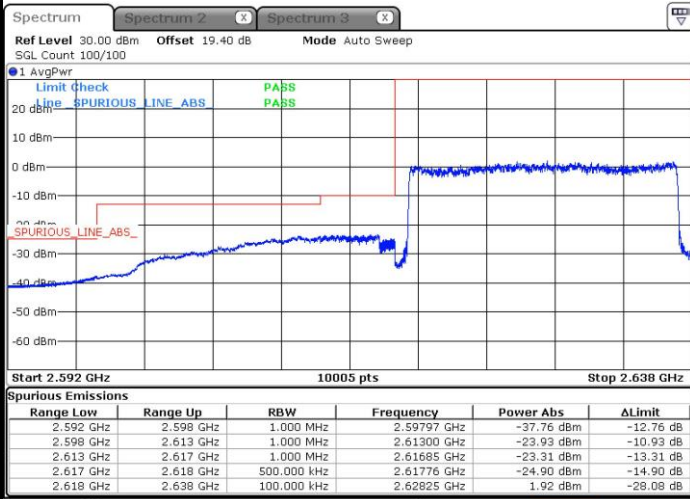
Date: 30.MAY.2018 00:15:25



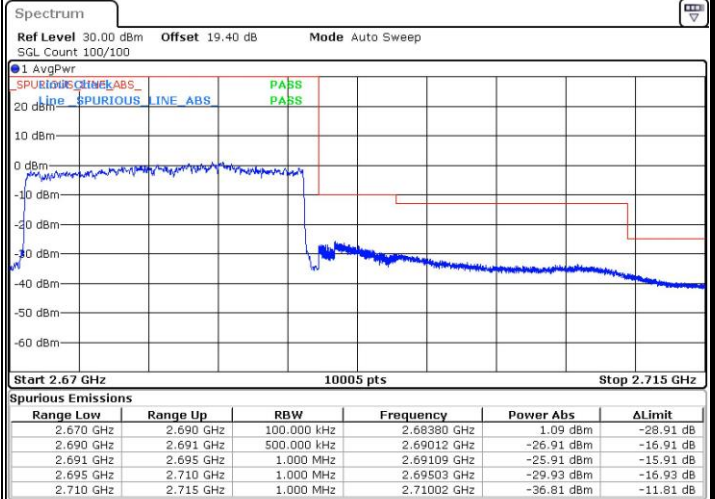
Date: 29.MAY.2018 15:57:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.MAY.2018 00:17:43

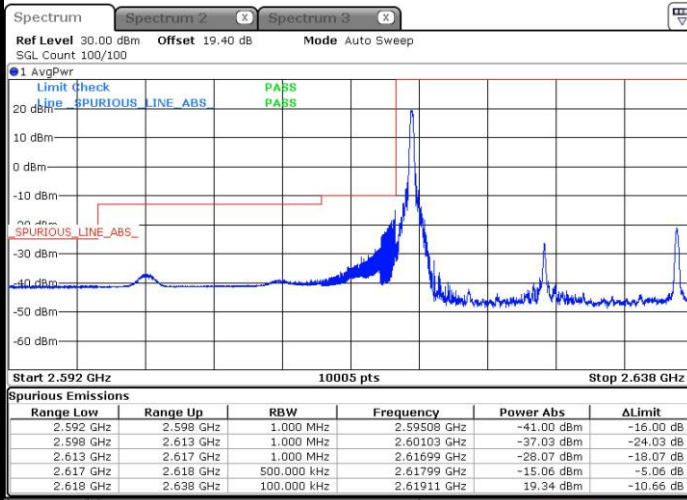


Date: 29.MAY.2018 15:56:40



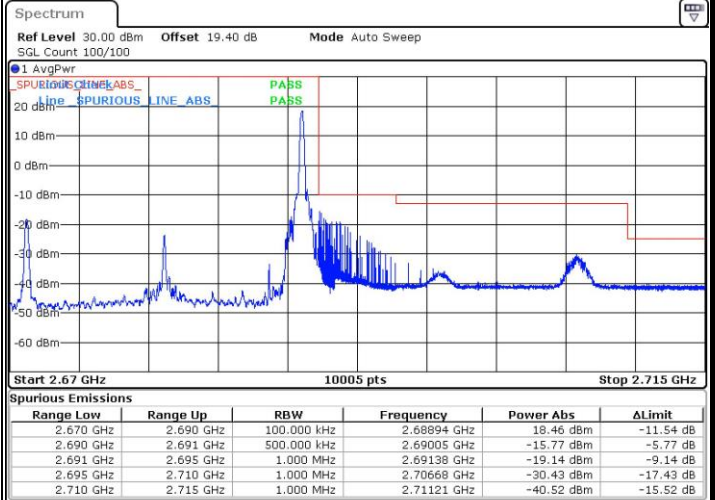
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



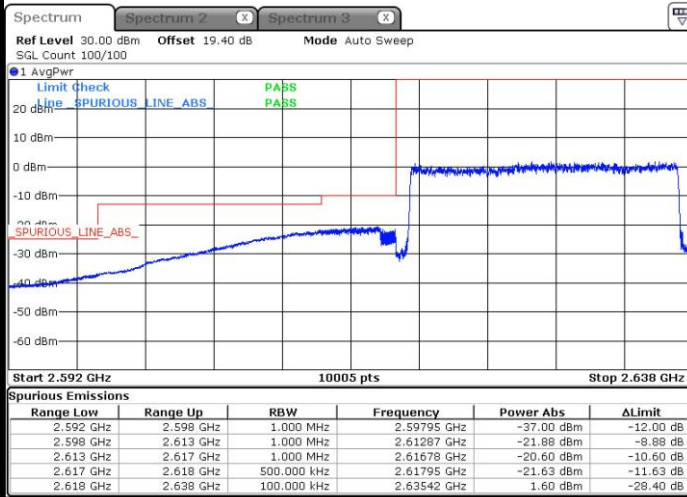
Date: 30 MAY 2018 00:16:16

Highest Band Edge / 1 RB



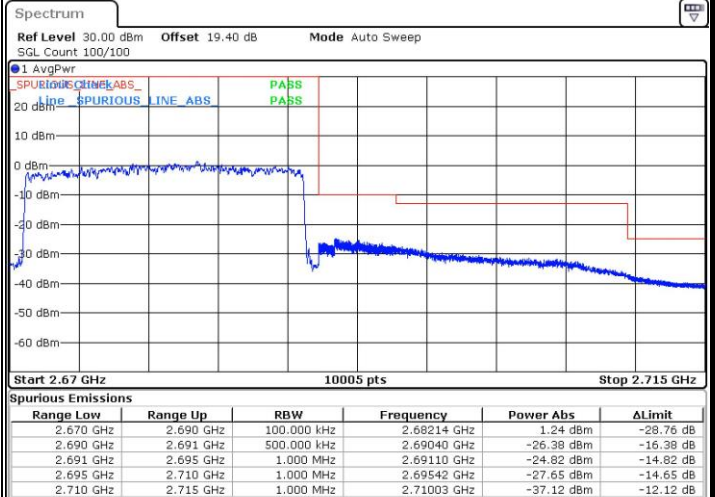
Date: 29 MAY 2018 15:57:21

Lowest Band Edge / Full RB



Date: 30 MAY 2018 00:18:20

Highest Band Edge / Full RB



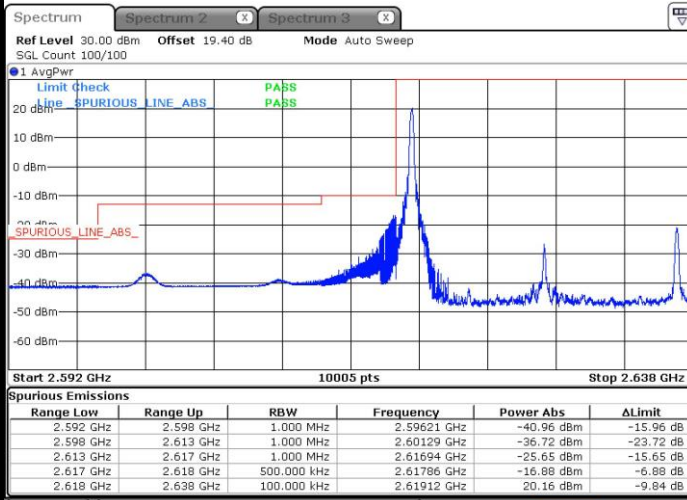
Date: 29 MAY 2018 15:57:41





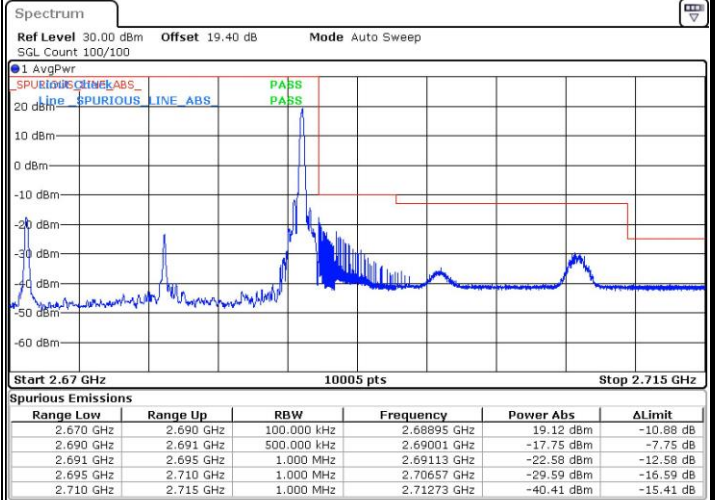
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



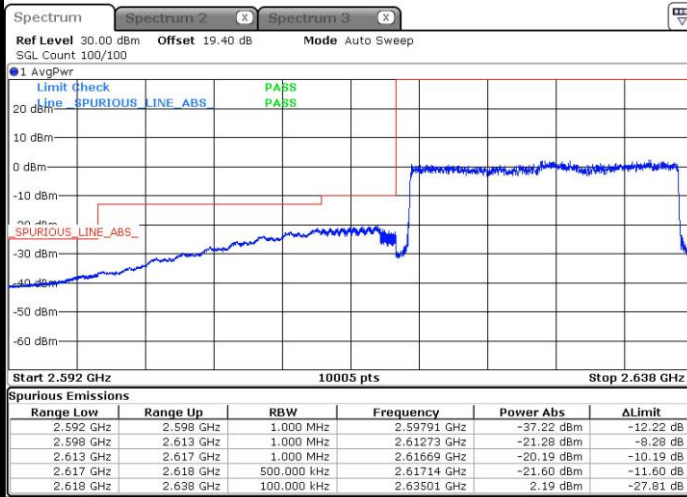
Date: 30.MAY.2018 00:16:45

Highest Band Edge / 1 RB



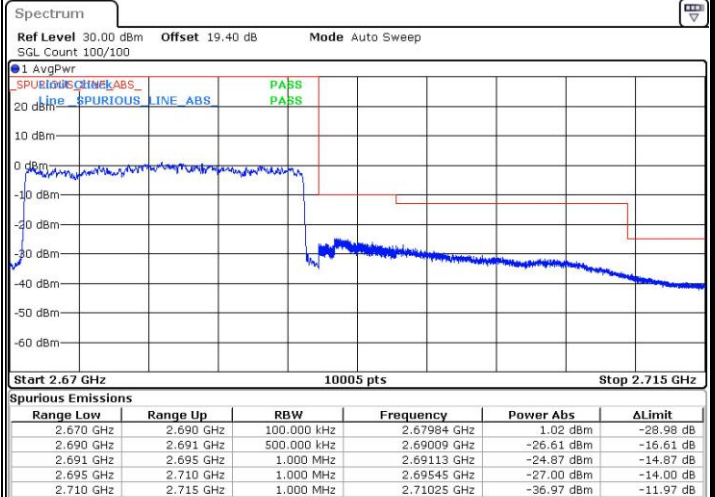
Date: 29.MAY.2018 15:58:35

Lowest Band Edge / Full RB



Date: 30.MAY.2018 00:19:03

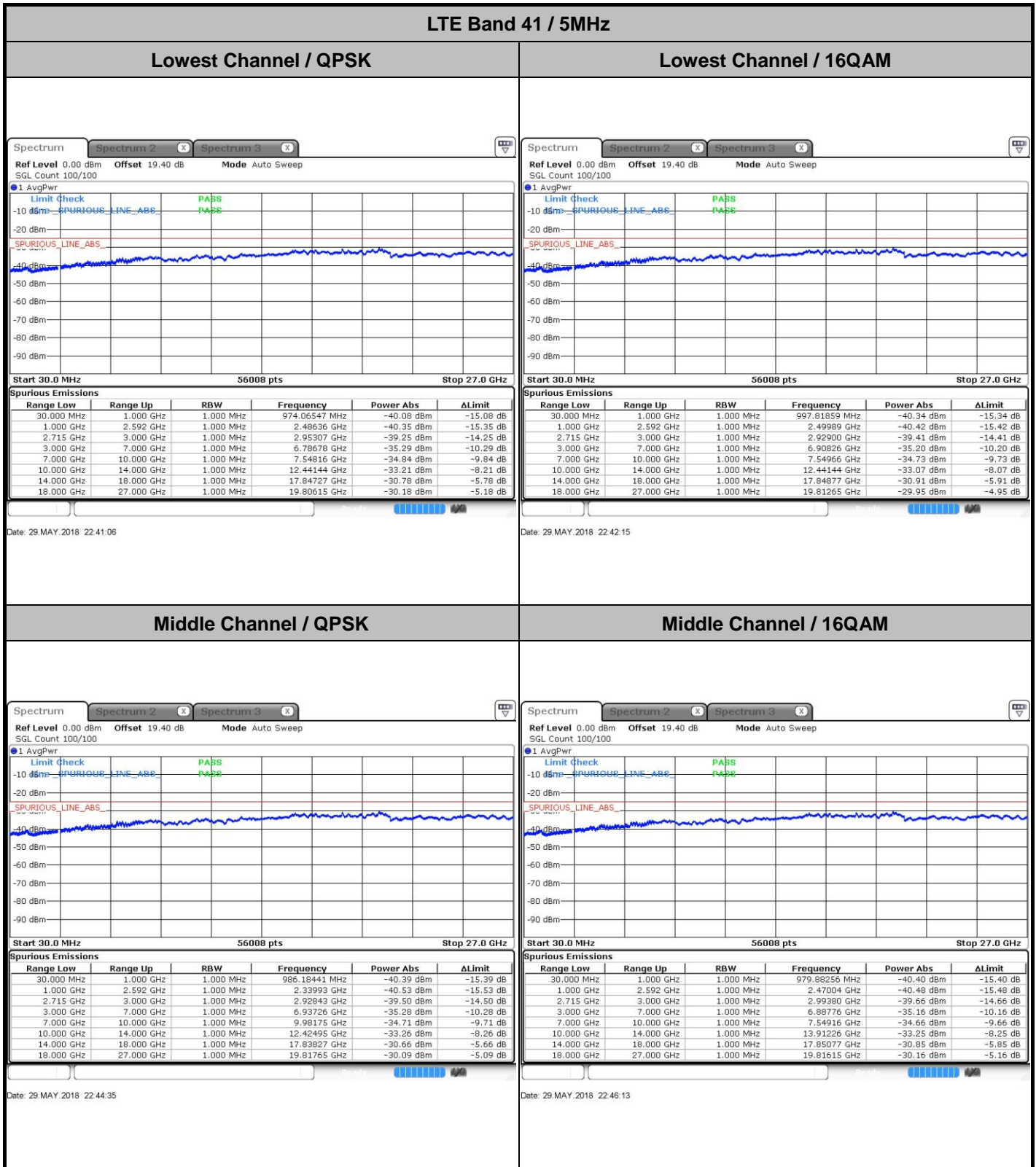
Highest Band Edge / Full RB



Date: 29.MAY.2018 15:58:16



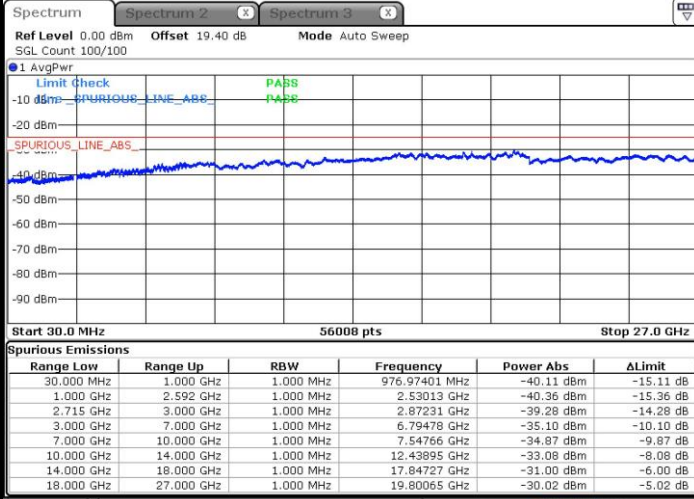
# Conducted Spurious Emission





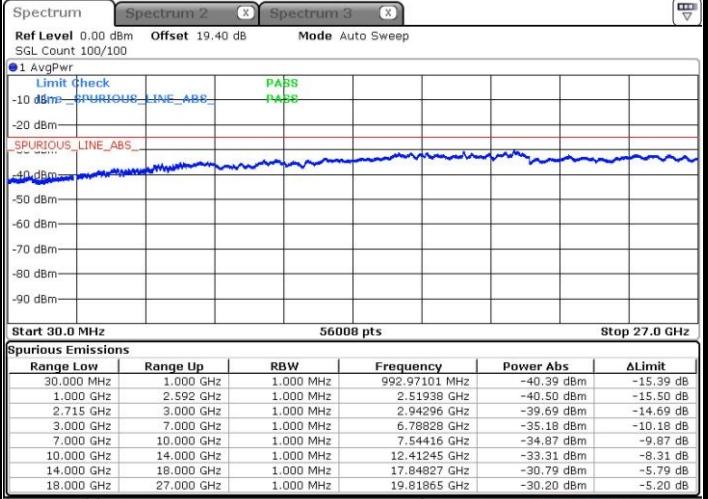
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 29 MAY 2018 22:47:51

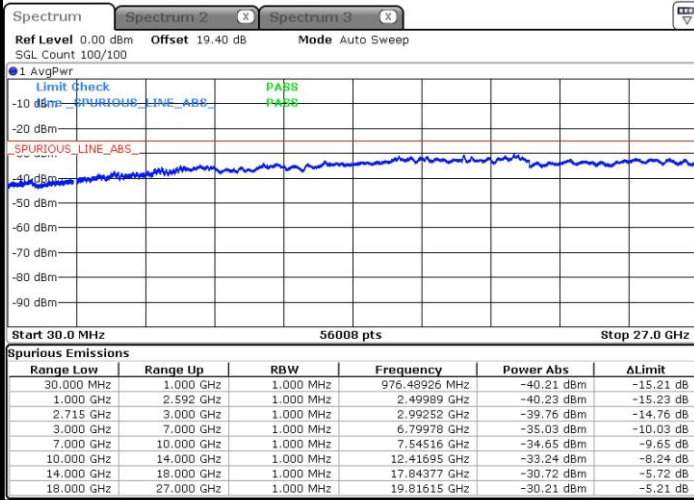
Highest Channel / 16QAM



Date: 29 MAY 2018 22:48:35

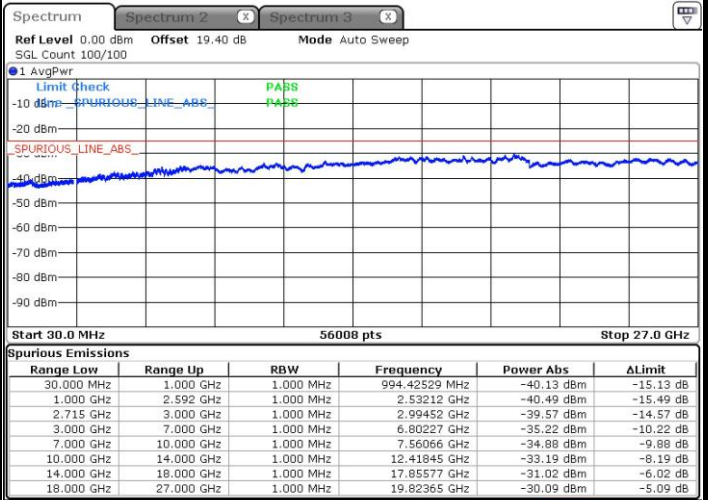
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 29 MAY 2018 22:50:38

Lowest Channel / 16QAM



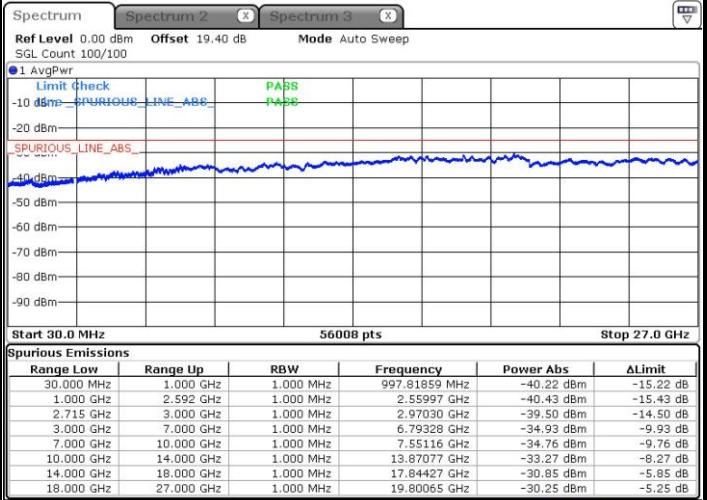
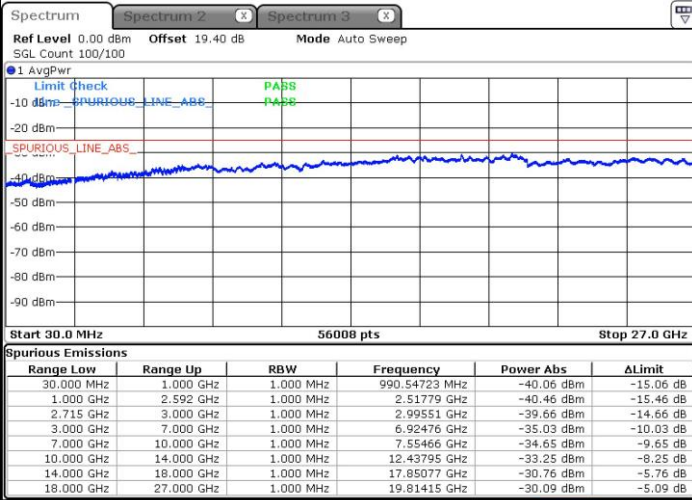
Date: 29 MAY 2018 22:51:23



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

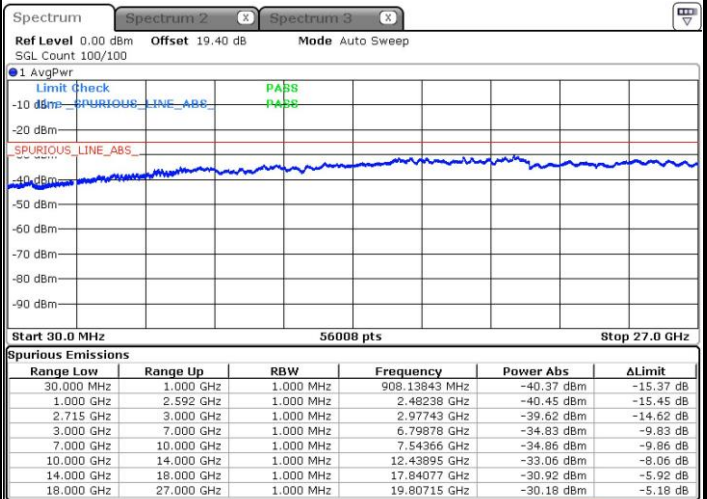
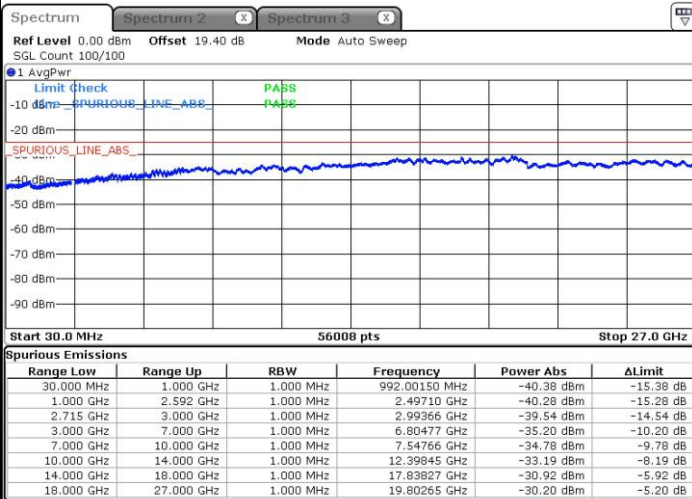


Date: 29 MAY 2018 22:55:40

Date: 29 MAY 2018 22:54:05

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 MAY 2018 22:56:27

Date: 29 MAY 2018 22:57:50

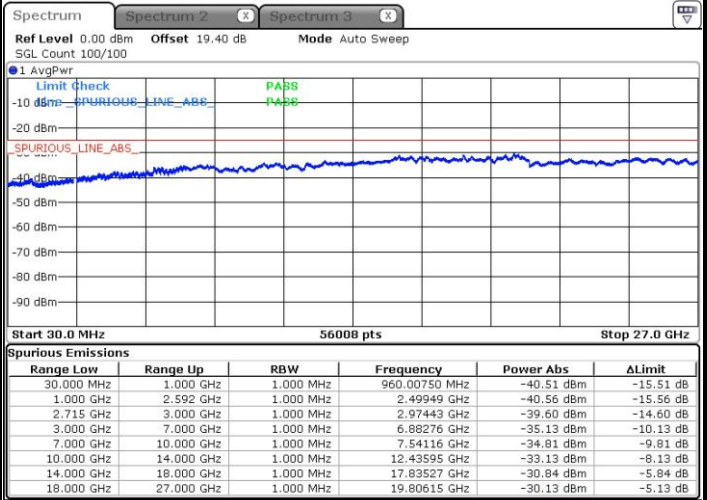
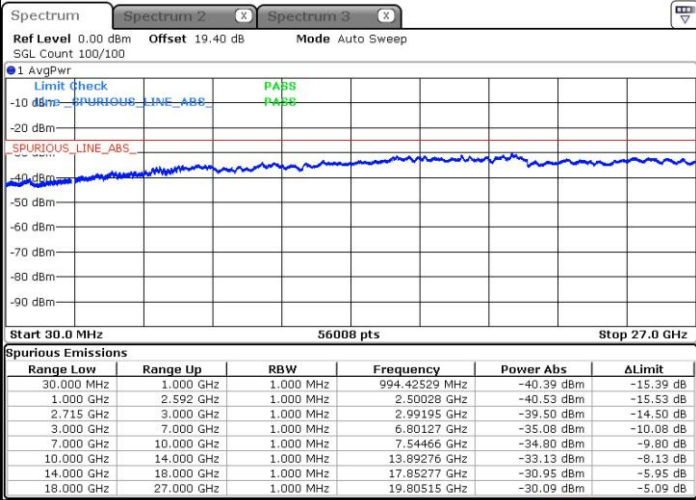




LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

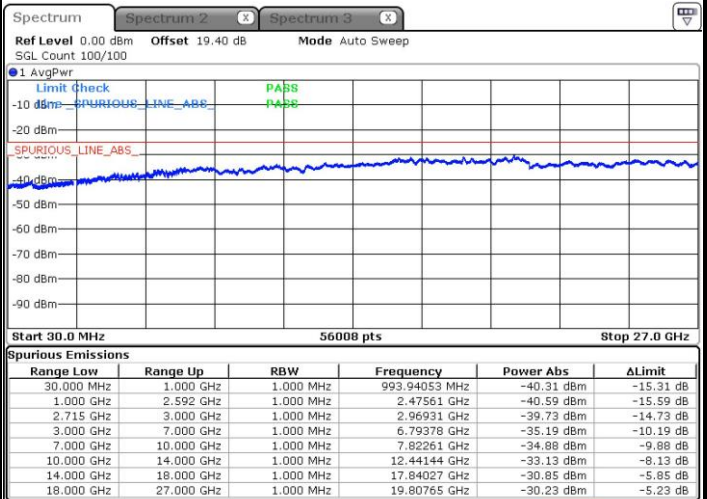
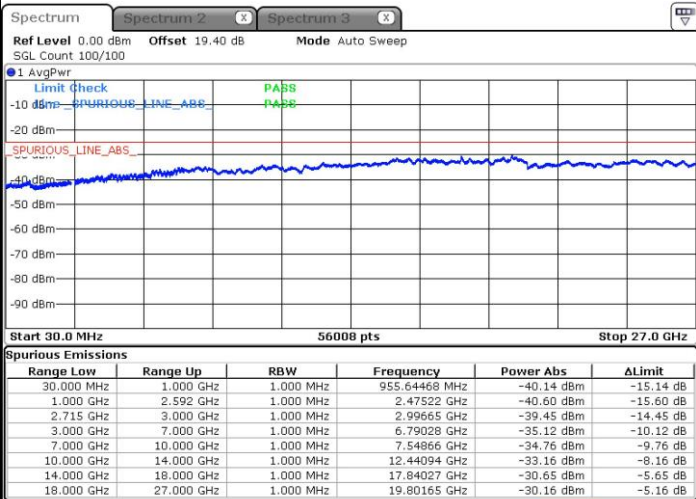


Date: 29 MAY 2018 23:02:51

Date: 29 MAY 2018 23:02:02

Middle Channel / QPSK

Middle Channel / 16QAM



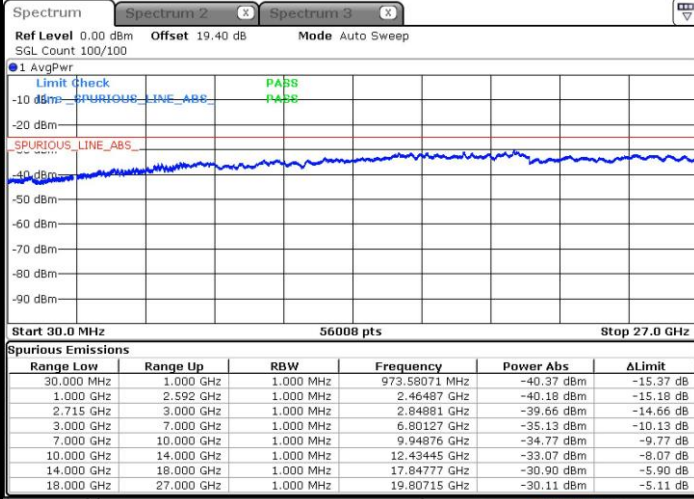
Date: 29 MAY 2018 23:03:39

Date: 29 MAY 2018 23:04:41



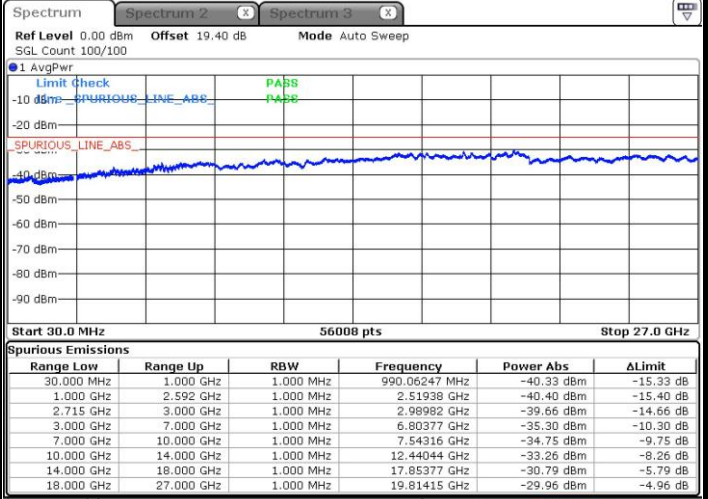
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 29 MAY 2018 23:06:43

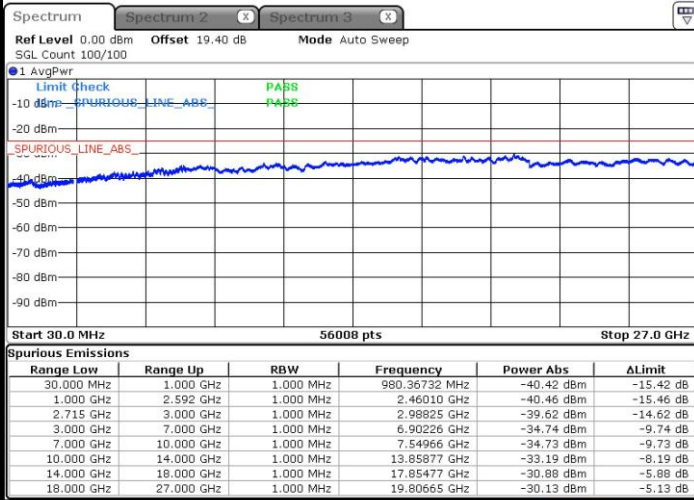
Highest Channel / 16QAM



Date: 29 MAY 2018 23:07:29

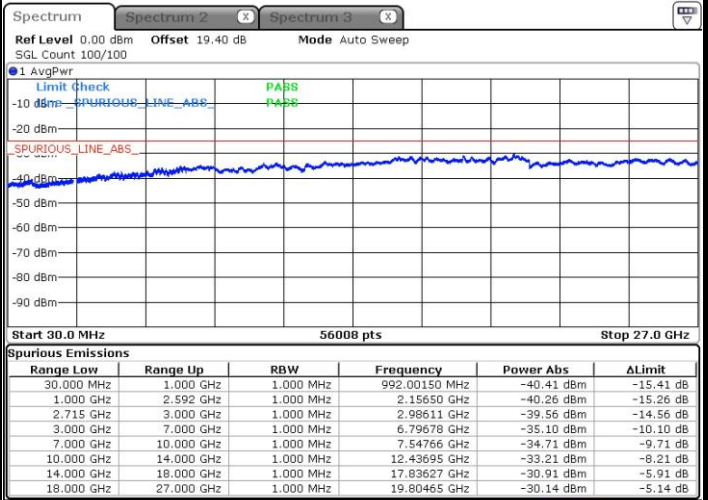
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 29 MAY 2018 23:10:33

Lowest Channel / 16QAM



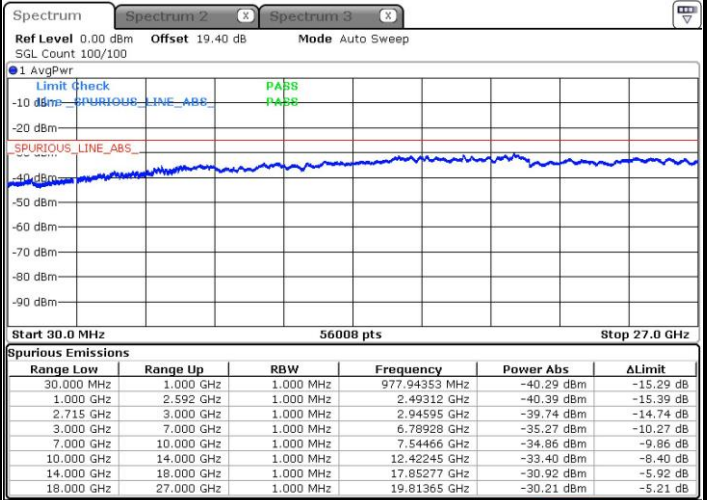
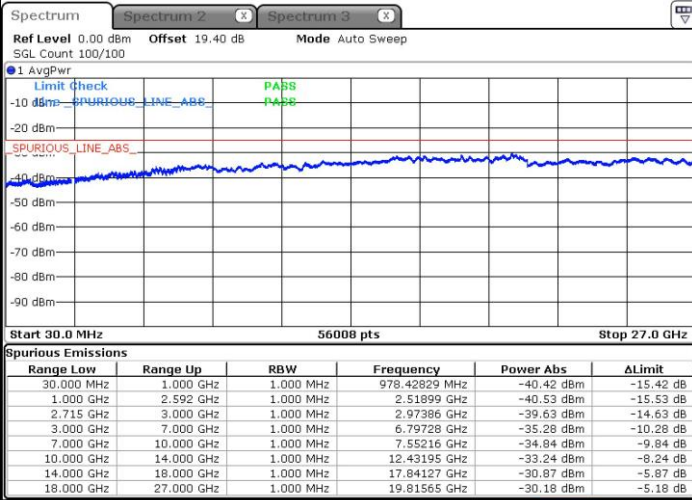
Date: 29 MAY 2018 23:11:40



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

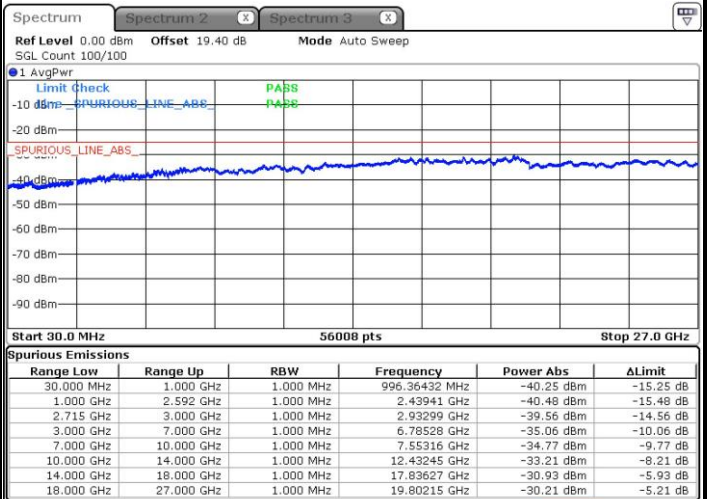
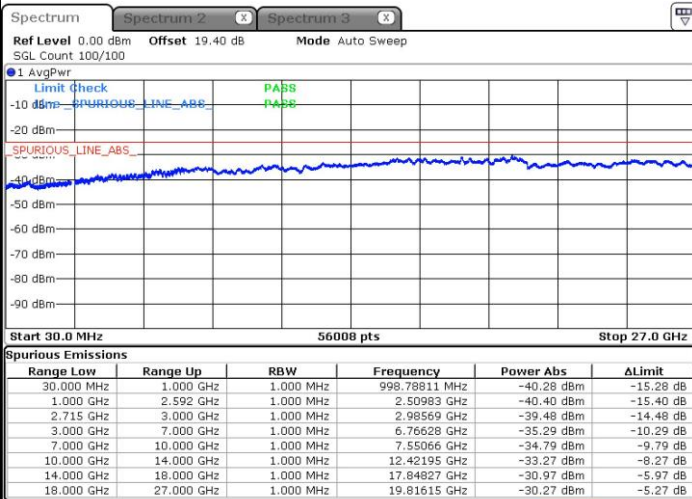


Date: 29 MAY 2018 23:14:35

Date: 29 MAY 2018 23:17:03

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 MAY 2018 23:21:48

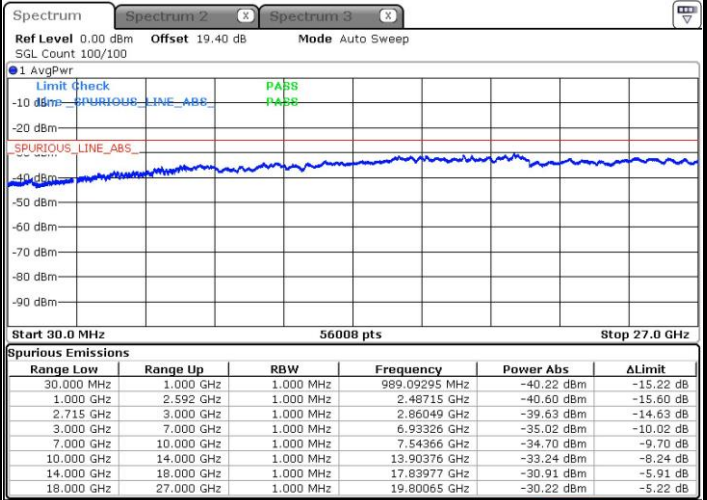
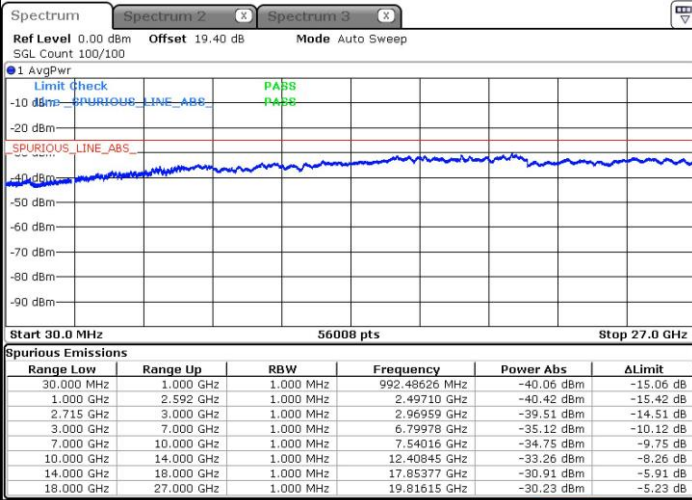
Date: 29 MAY 2018 23:17:52



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

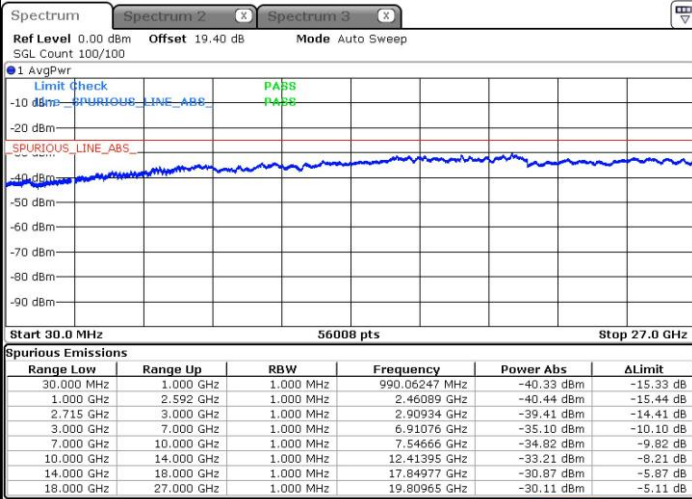
Middle Channel / 64QAM



Date: 29 MAY.2018 22:43:19

Date: 29 MAY.2018 22:46:58

Highest Channel / 64QAM



Date: 29 MAY.2018 22:49:20

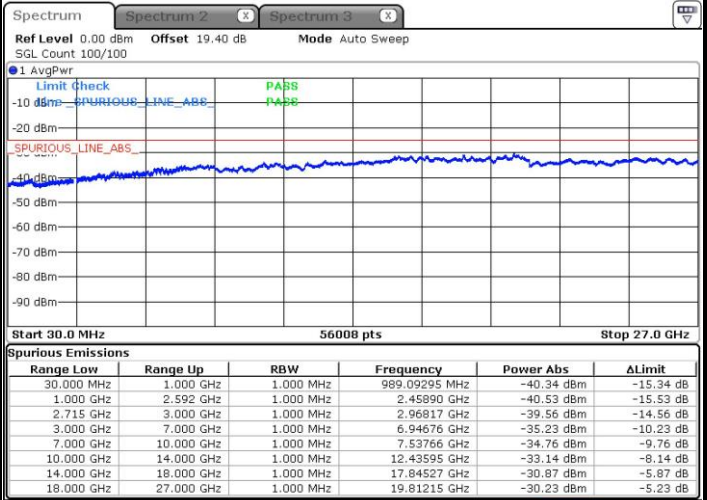
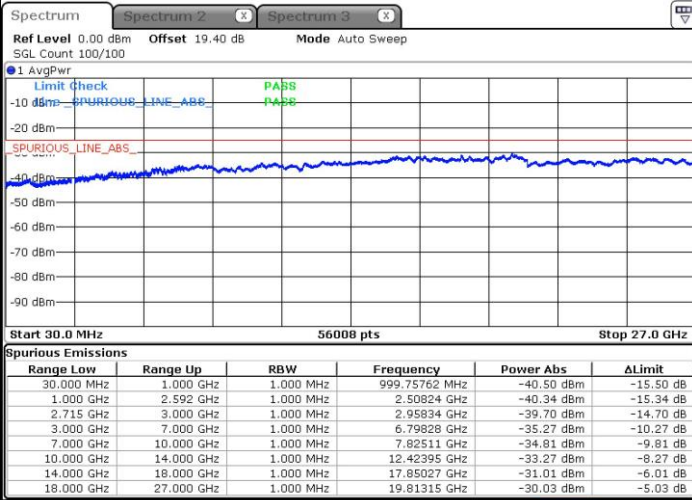




LTE Band 41 / 10MHz

Lowest Channel / 64QAM

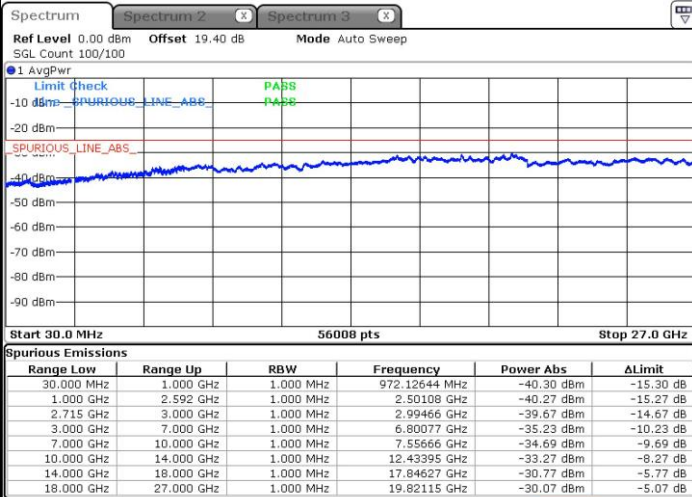
Middle Channel / 64QAM



Date: 29 MAY.2018 22:52:16

Date: 29 MAY.2018 22:54:55

Highest Channel / 64QAM



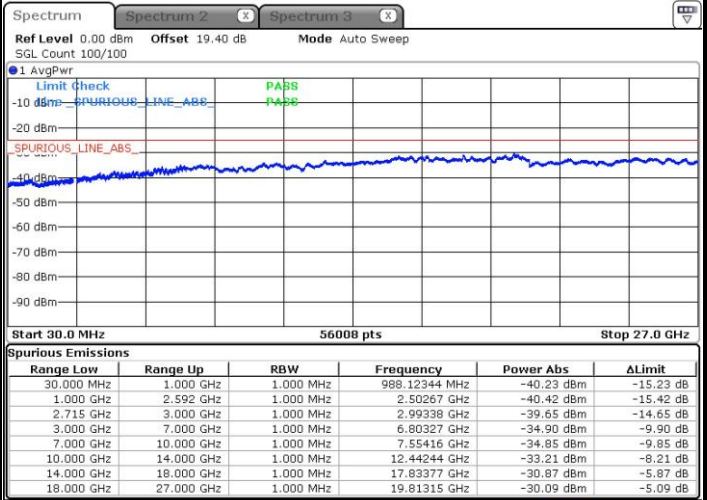
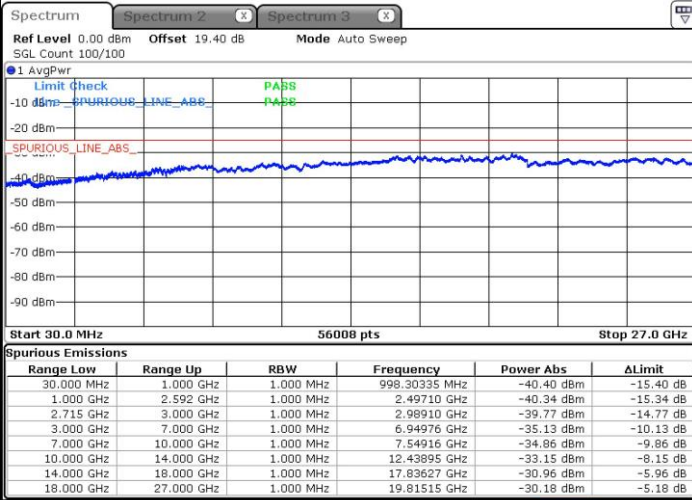
Date: 29 MAY.2018 23:00:02



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

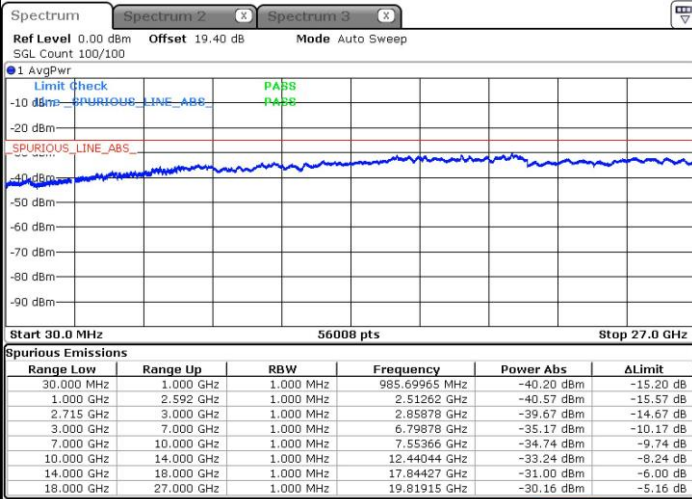
Middle Channel / 64QAM



Date: 29 MAY 2018 23:01:17

Date: 29 MAY 2018 23:05:31

Highest Channel / 64QAM



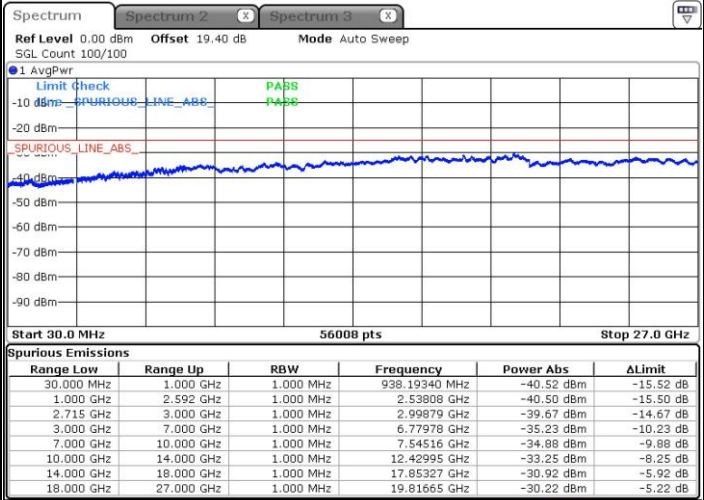
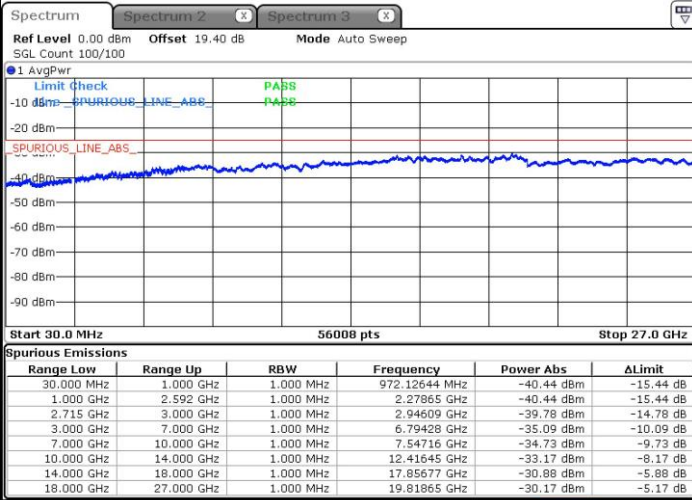
Date: 29 MAY 2018 23:08:19



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

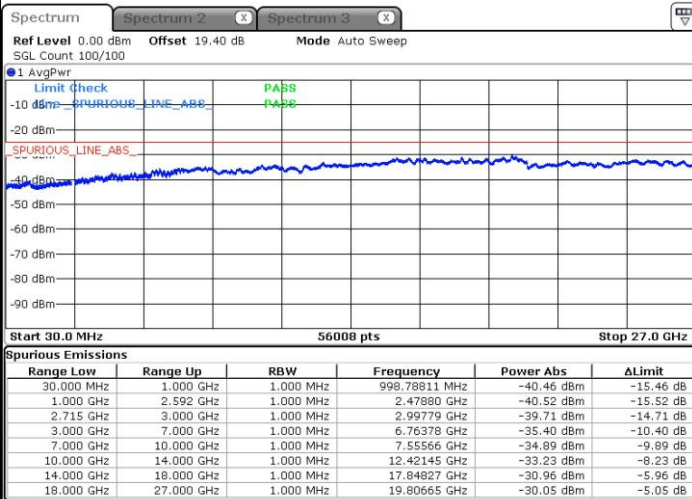
Middle Channel / 64QAM



Date: 29 MAY 2018 23:13:21

Date: 29 MAY 2018 23:19:03

Highest Channel / 64QAM



Date: 29 MAY 2018 23:20:52



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0042	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0066	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =120 V. ; Battery End Point (BEP) =100 V. ; Maximum Voltage =240 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.





# LTE Band 41

<For 4x4 Tx Low Band Chain 1>

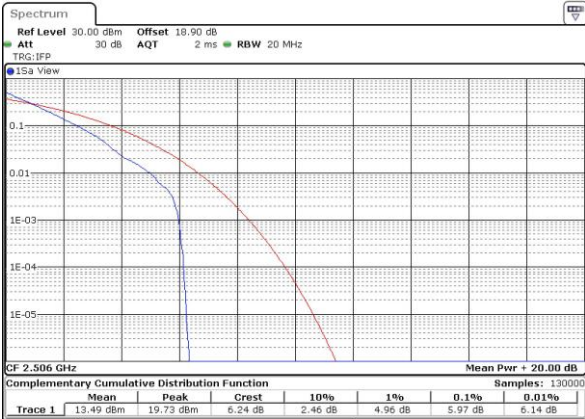
## Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.97	4.78	7.30	5.97	PASS
Middle CH	5.97	5.39	6.93	6.32	
Highest CH	6.29	5.33	6.23	6.17	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.17	5.86	-	-	PASS
Middle CH	6.55	6.26	-	-	
Highest CH	6.75	6.12	-	-	



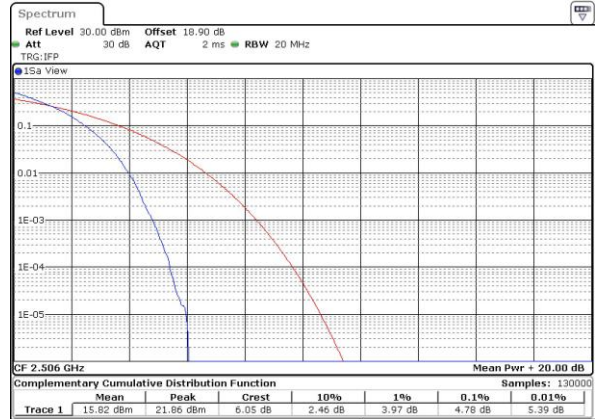
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 31 MAY 2018 16:31:33

Lowest Channel / Full RB



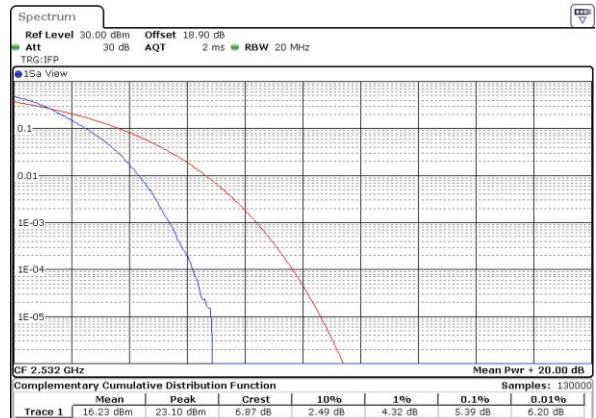
Date: 31 MAY 2018 16:31:47

Middle Channel / 1RB



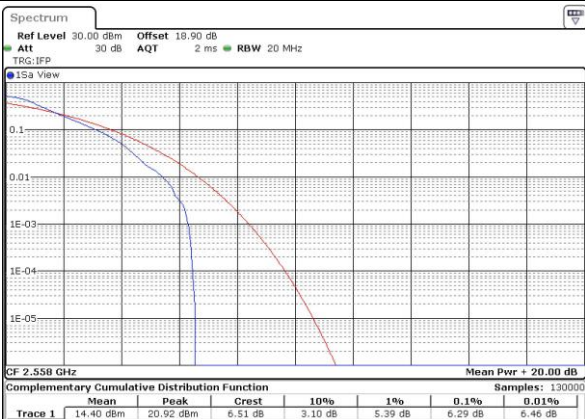
Date: 31 MAY 2018 16:37:53

Middle Channel / Full RB



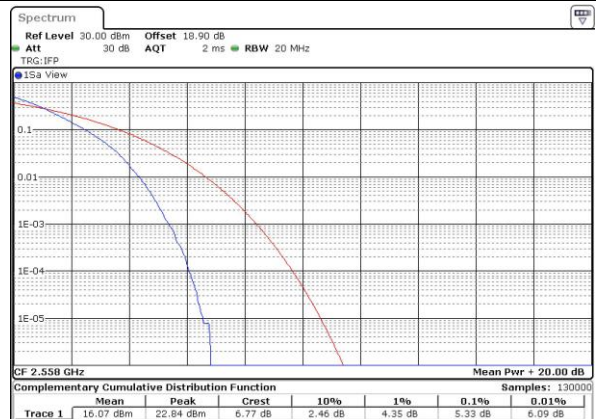
Date: 31 MAY 2018 16:32:28

Highest Channel / 1RB



Date: 1 JUN 2018 10:58:49

Highest Channel / Full RB



Date: 1 JUN 2018 10:55:41