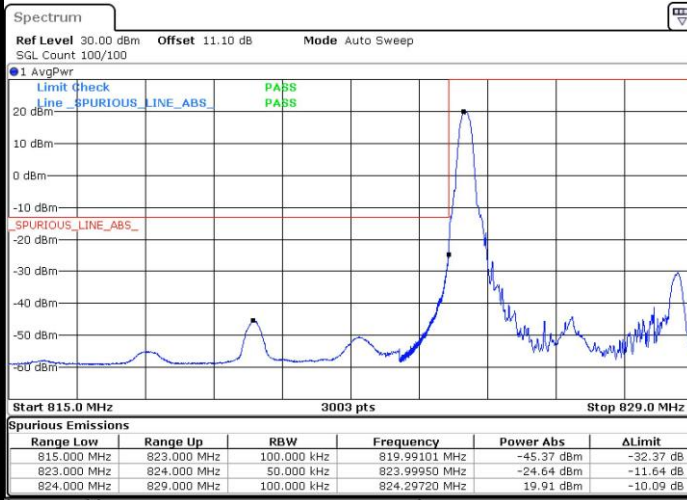




LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



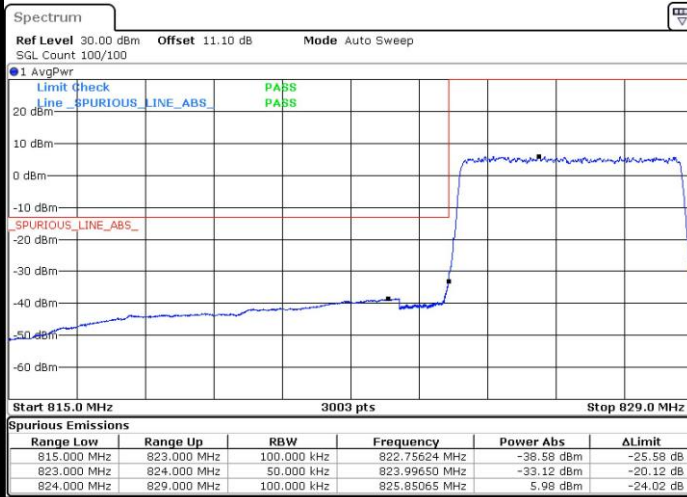
Date: 6 JUN 2019 00:14:38

Highest Band Edge / 1 RB



Date: 6 JUN 2019 00:27:09

Lowest Band Edge / Full RB



Date: 6 JUN 2019 00:17:58

Highest Band Edge / Full RB

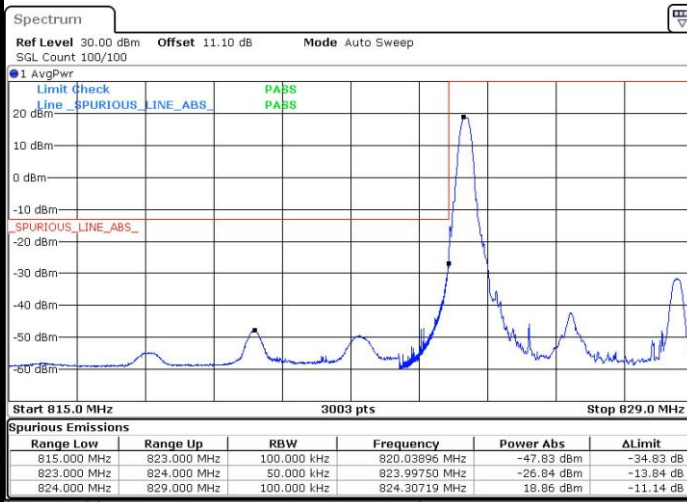


Date: 6 JUN 2019 00:30:30

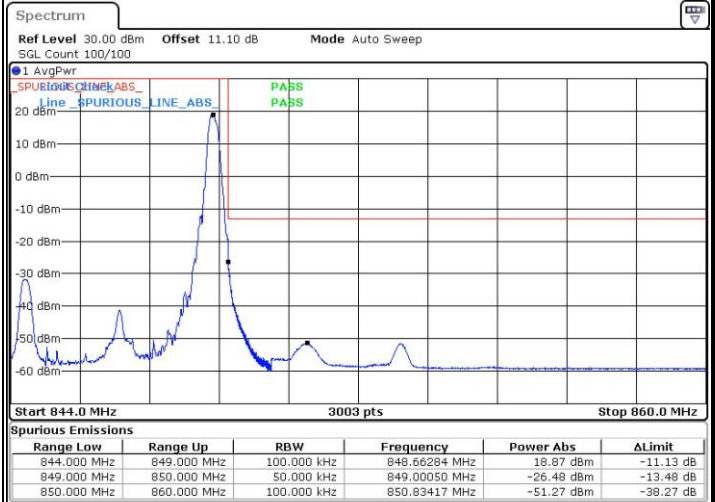


LTE Band 5 / 5MHz / 64QAM

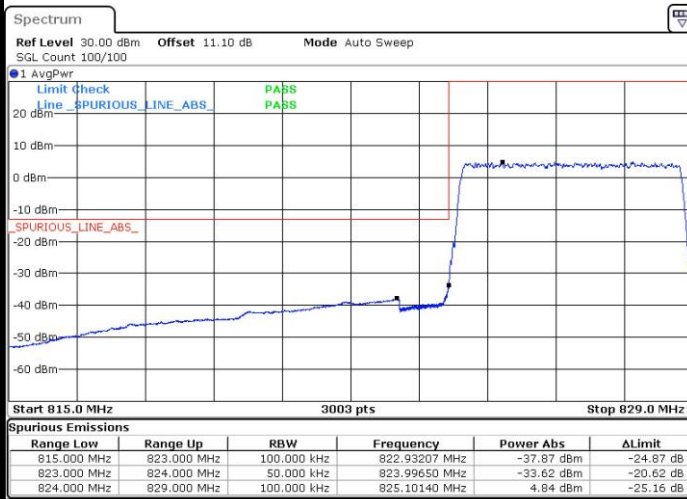
Lowest Band Edge / 1RB



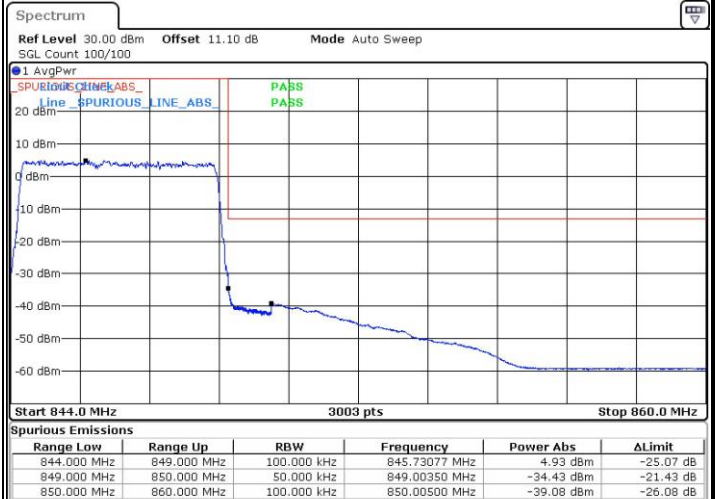
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



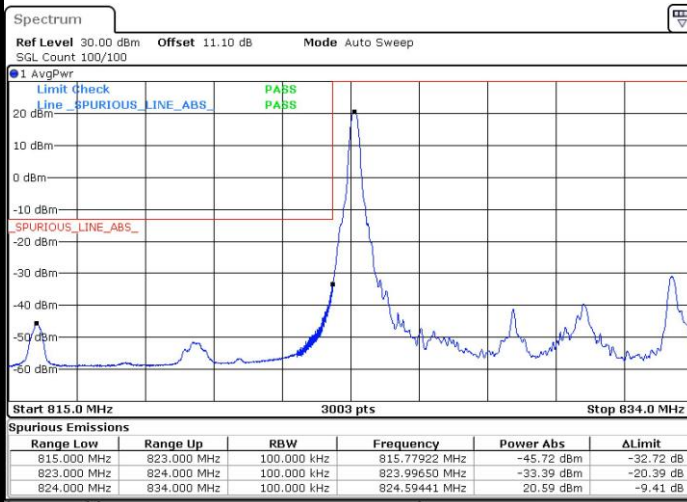
Highest Band Edge / Full RB





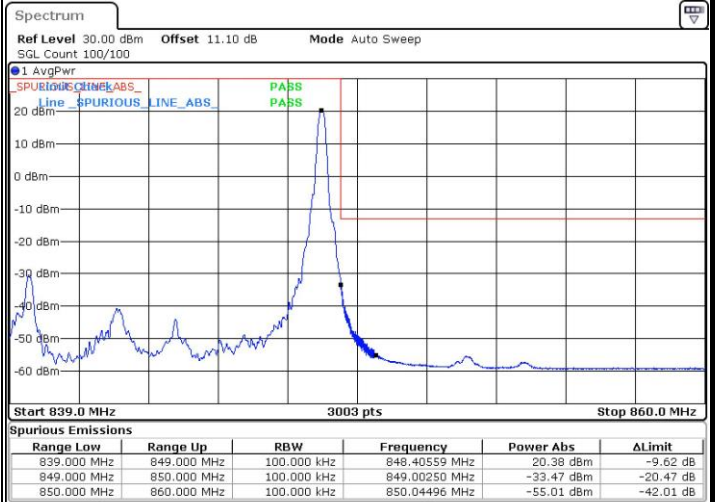
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



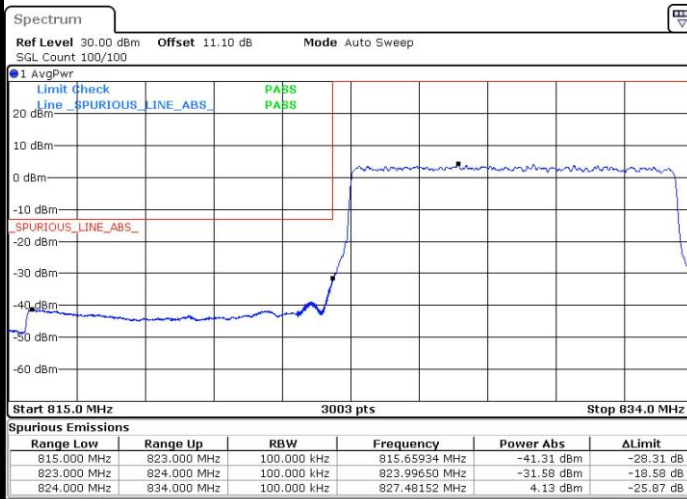
Date: 6 JUN 2019 00:35:08

Highest Band Edge / 1 RB



Date: 6 JUN 2019 00:47:42

Lowest Band Edge / Full RB



Date: 6 JUN 2019 00:38:29

Highest Band Edge / Full RB

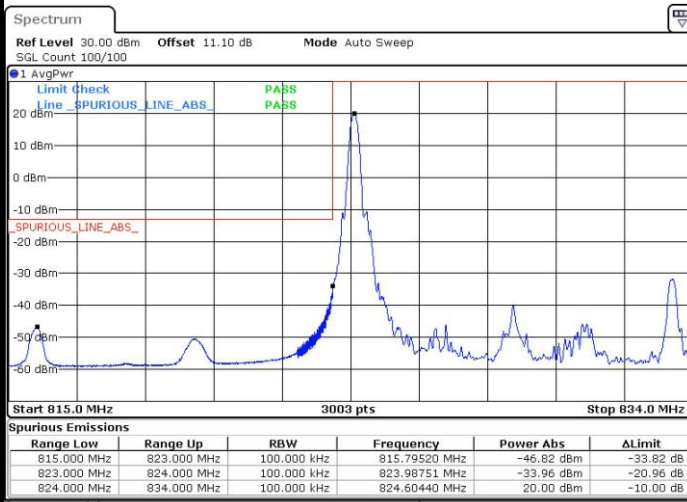


Date: 6 JUN 2019 00:51:03



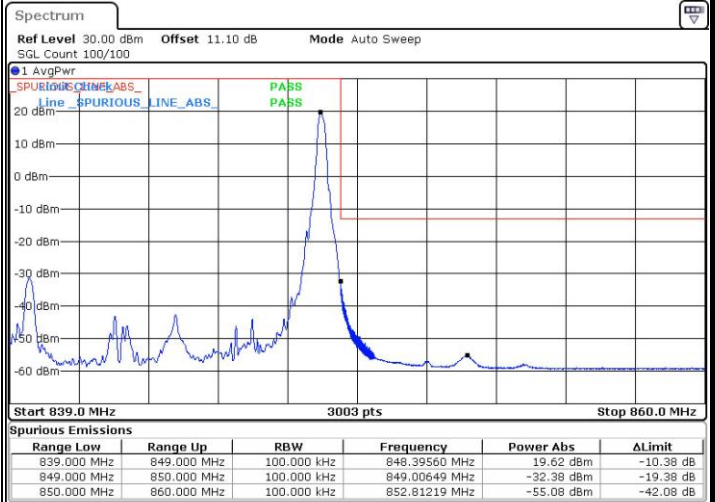
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



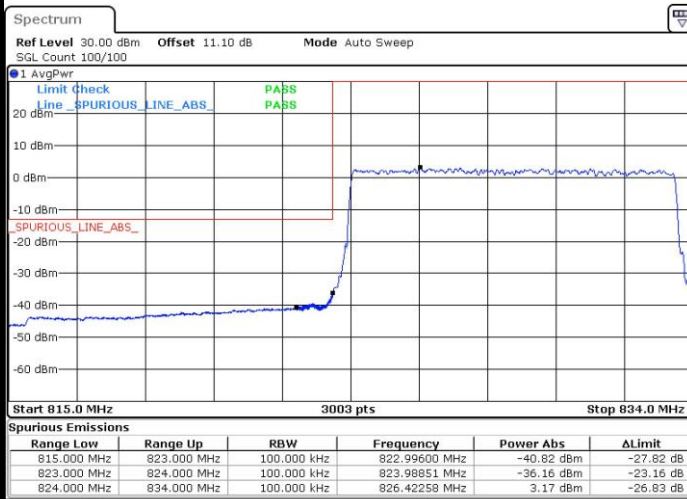
Date: 6 JUN 2019 00:36:49

Highest Band Edge / 1 RB



Date: 6 JUN 2019 00:49:23

Lowest Band Edge / Full RB



Date: 6 JUN 2019 00:40:09

Highest Band Edge / Full RB

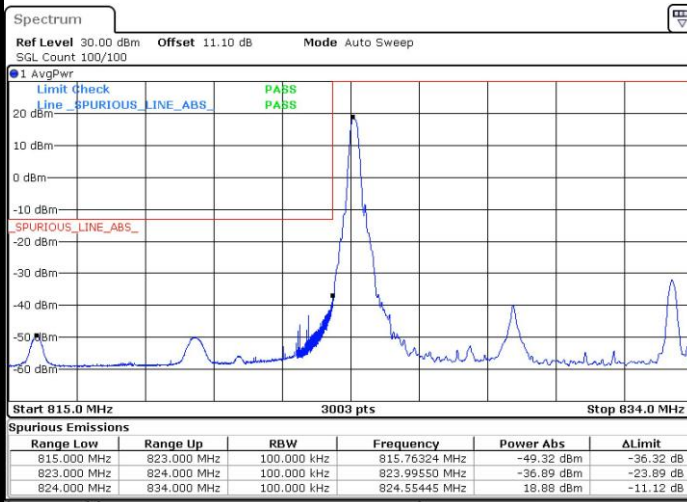


Date: 6 JUN 2019 00:52:44



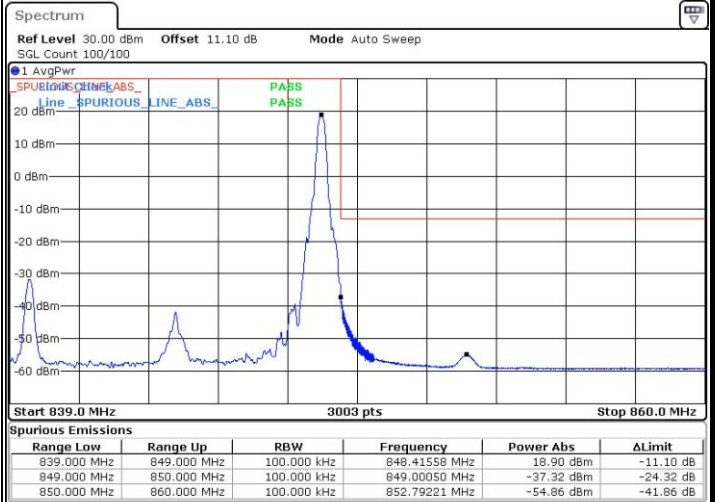
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



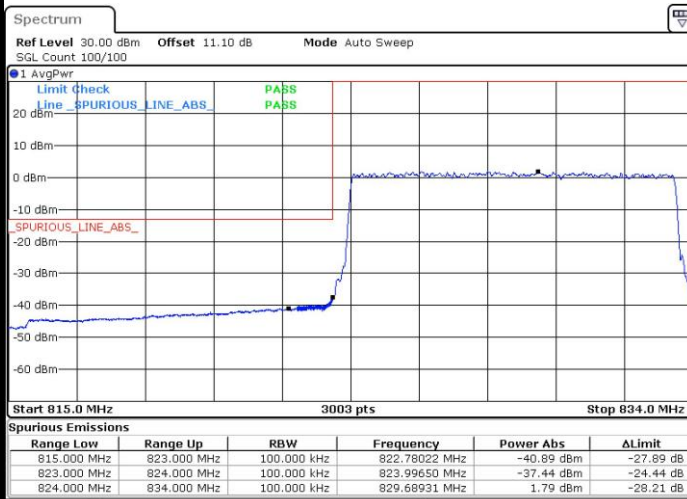
Date: 6 JUN.2019 01:19:09

Highest Band Edge / 1 RB



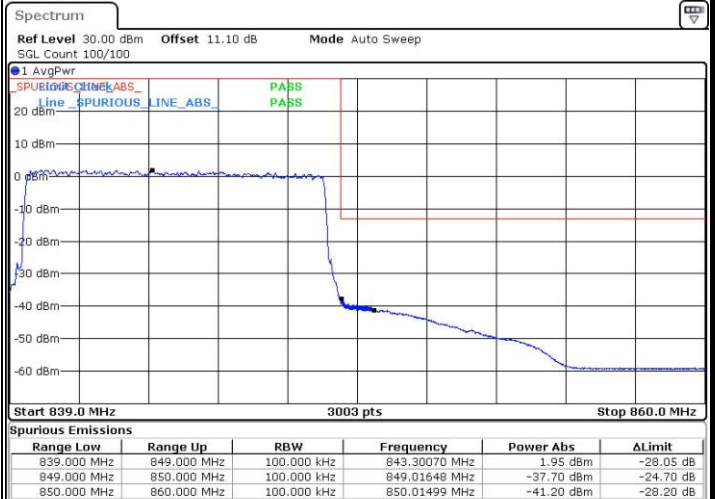
Date: 6 JUN.2019 01:25:25

Lowest Band Edge / Full RB



Date: 6 JUN.2019 01:20:49

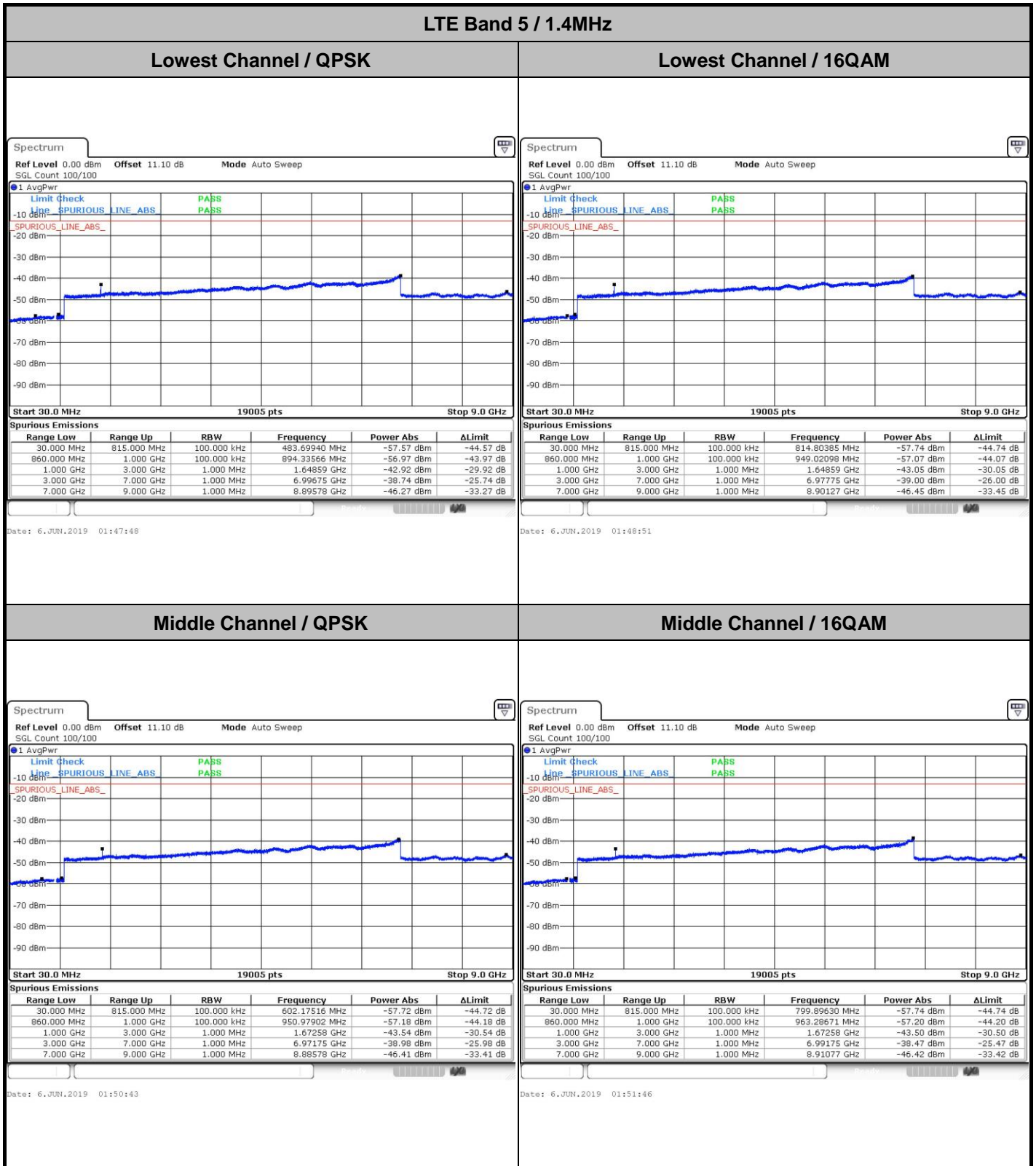
Highest Band Edge / Full RB



Date: 6 JUN.2019 01:27:05



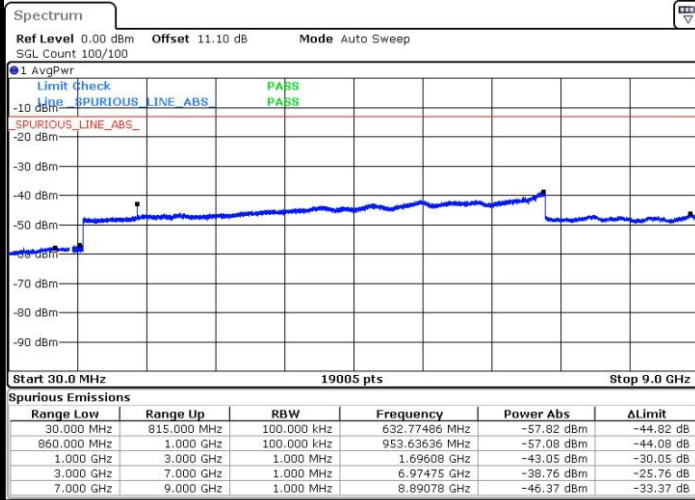
Conducted Spurious Emission





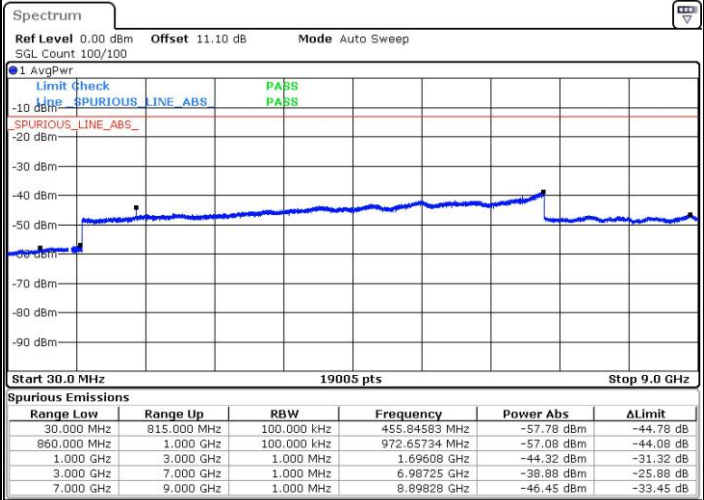
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 6 JUN.2019 02:00:21

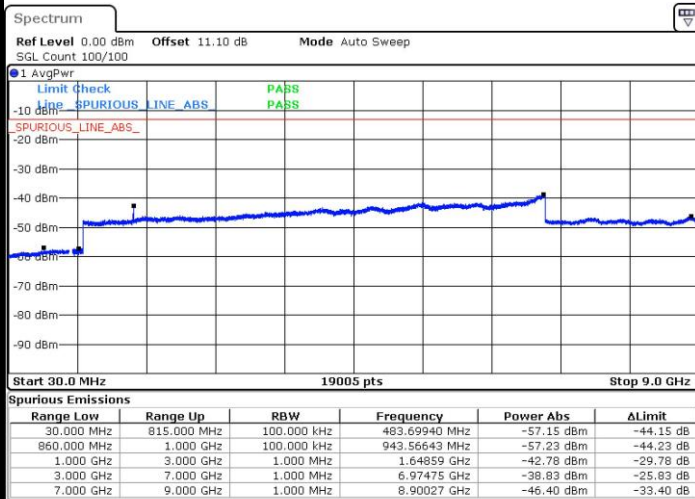
Highest Channel / 16QAM



Date: 10 JUN.2019 15:43:48

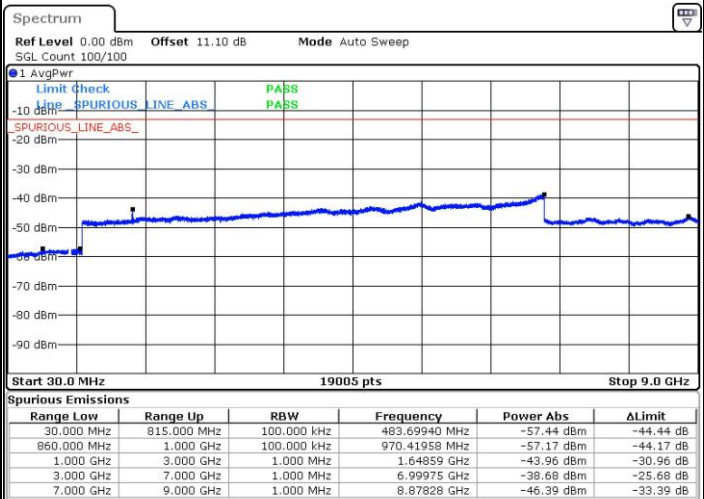
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 5 JUN.2019 23:56:49

Lowest Channel / 16QAM



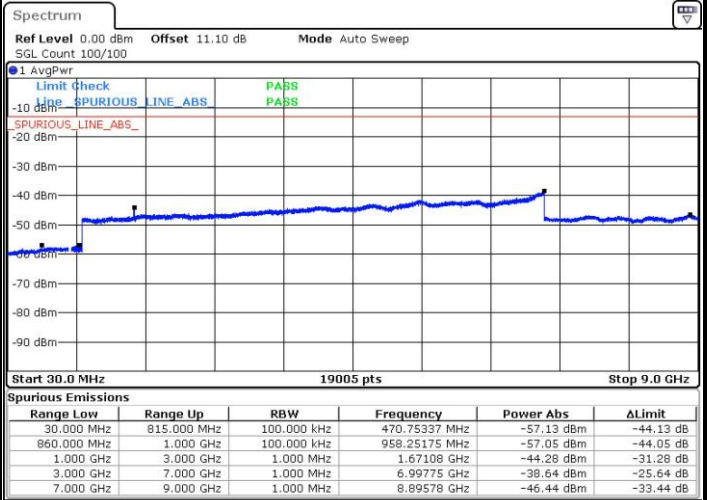
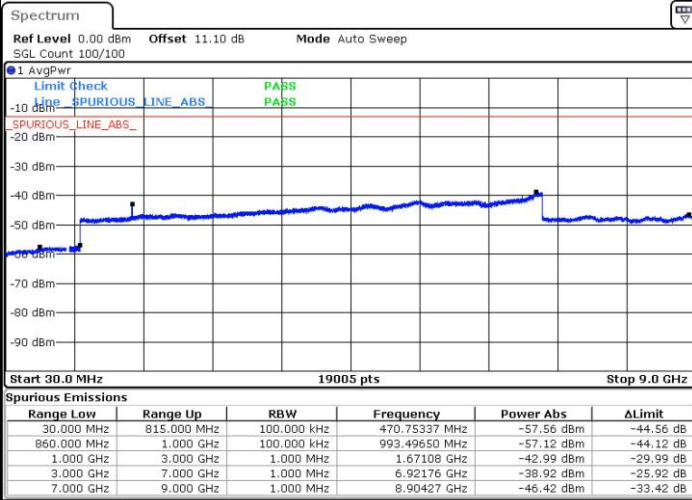
Date: 5 JUN.2019 23:57:53



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

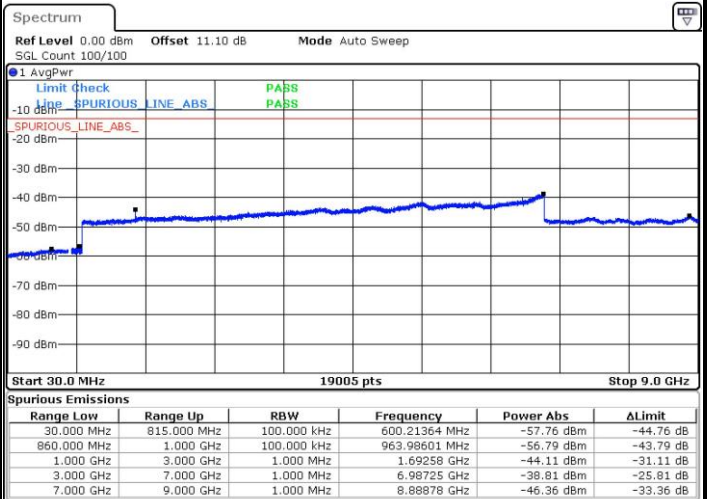
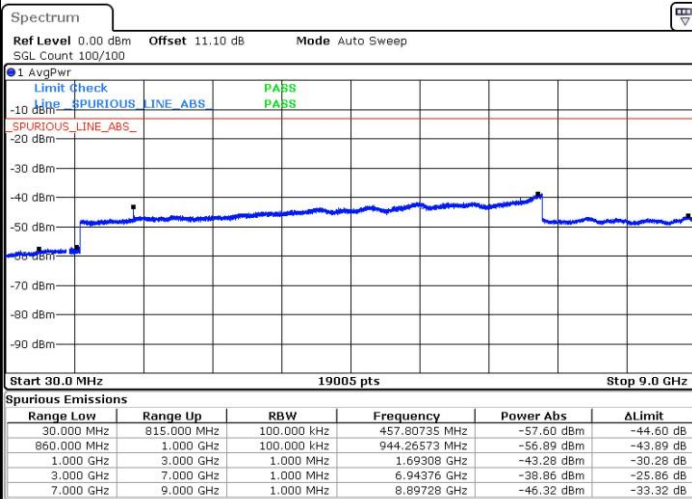


Date: 5 JUN.2019 23:59:45

Date: 6 JUN.2019 00:00:49

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JUN.2019 00:09:23

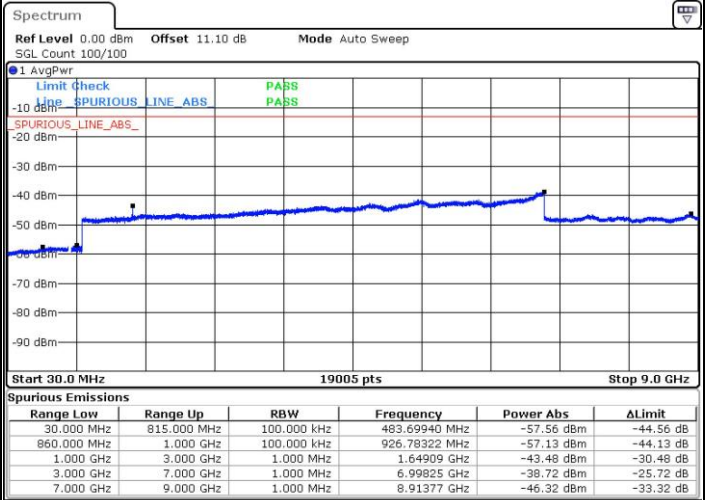
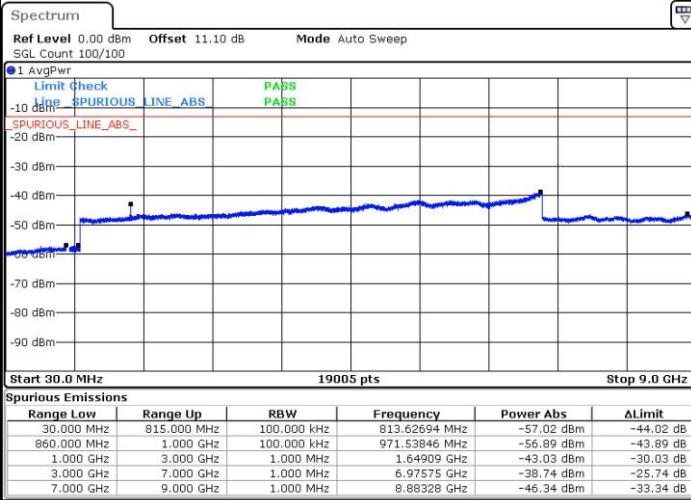
Date: 6 JUN.2019 00:10:26



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

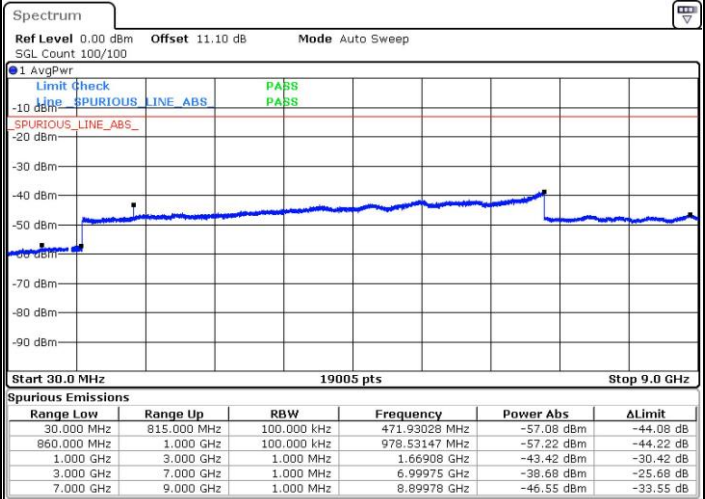
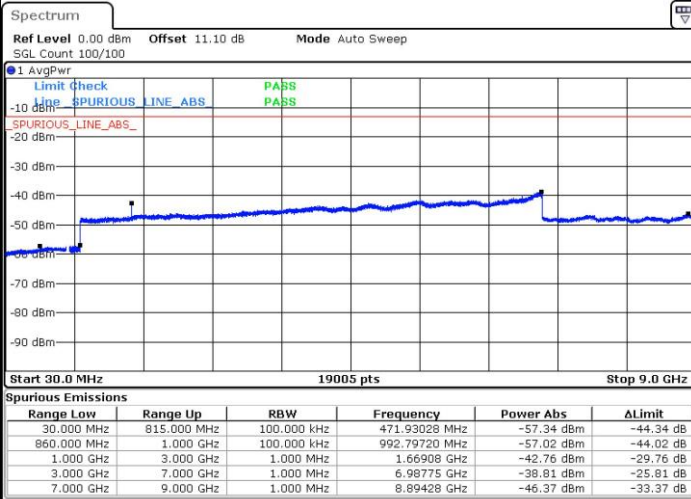


Date: 6 JUN.2019 00:19:01

Date: 6 JUN.2019 00:20:05

Middle Channel / QPSK

Middle Channel / 16QAM



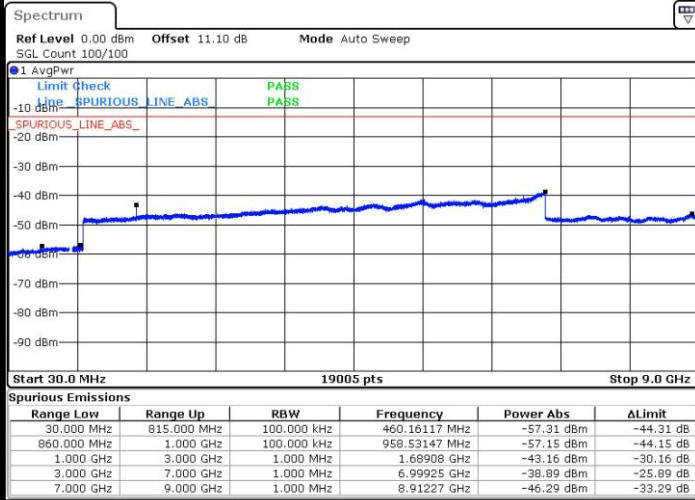
Date: 6 JUN.2019 00:21:56

Date: 6 JUN.2019 00:22:58



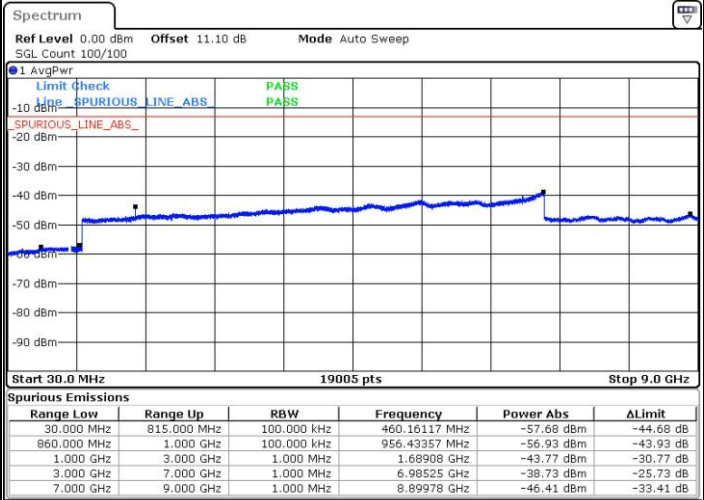
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 6 JUN.2019 00:31:33

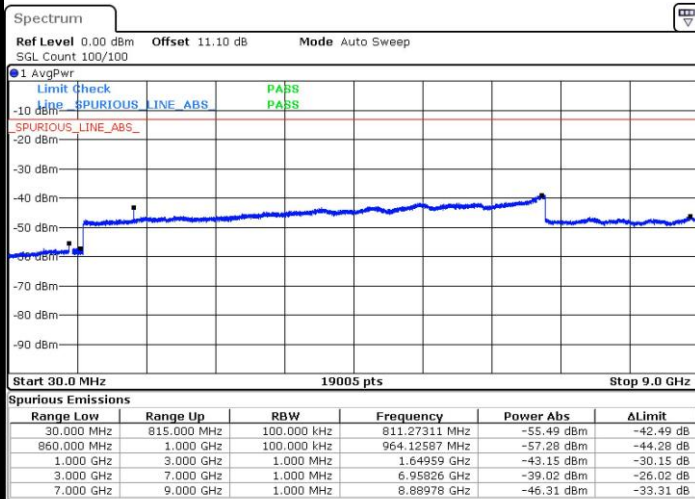
Highest Channel / 16QAM



Date: 6 JUN.2019 00:32:36

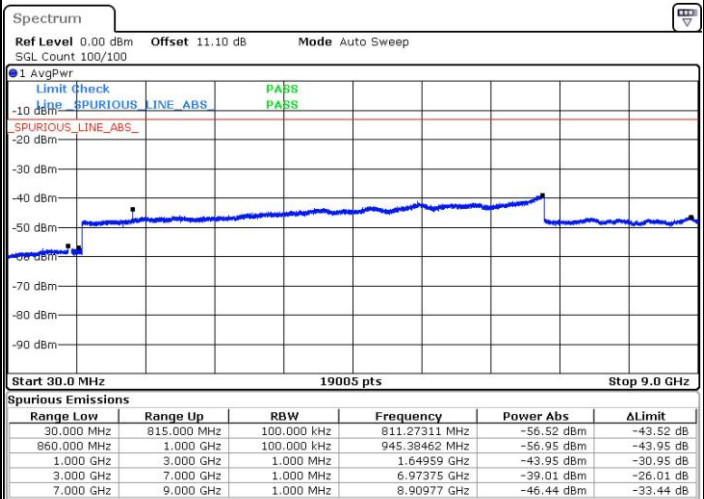
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 6 JUN.2019 00:41:12

Lowest Channel / 16QAM



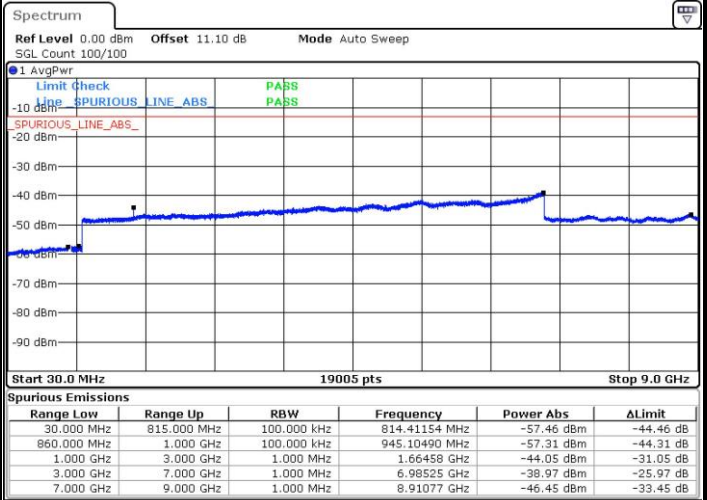
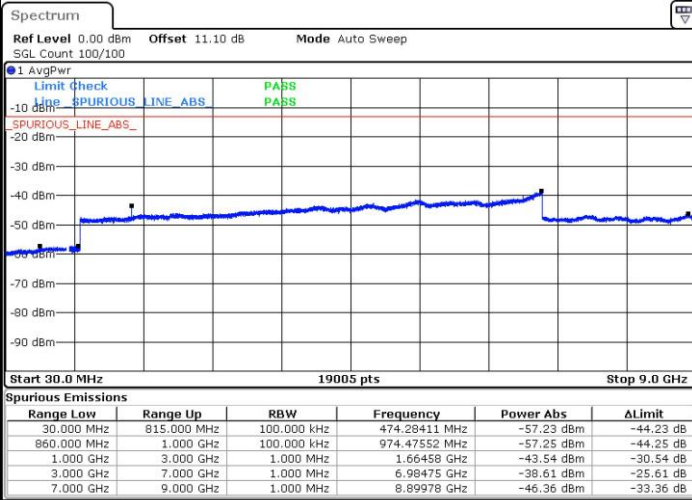
Date: 6 JUN.2019 00:42:16



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

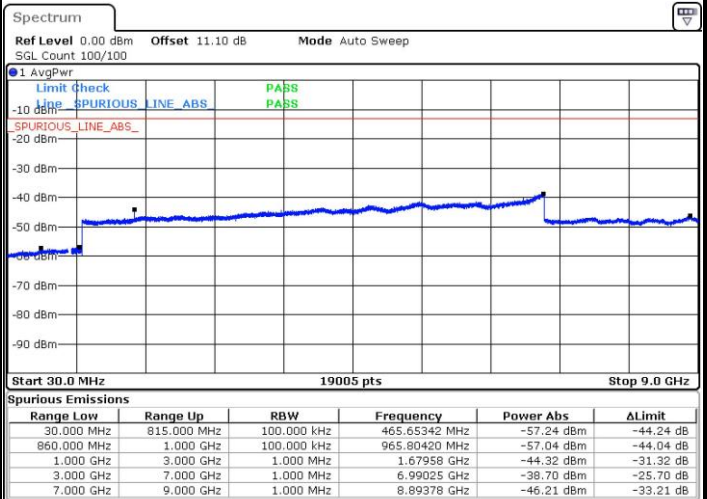
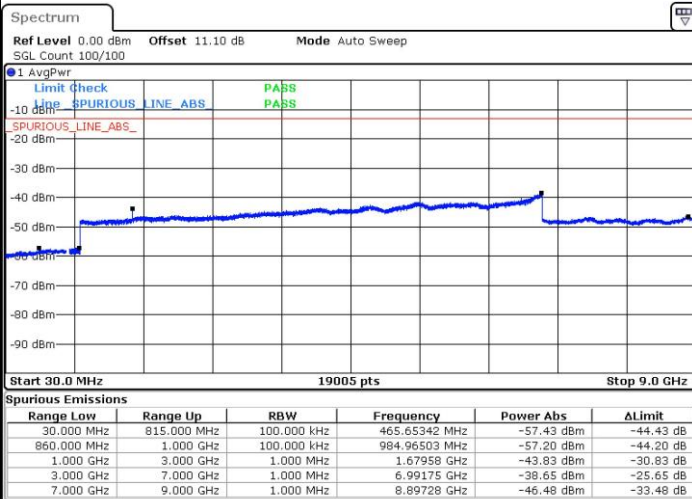


Date: 6 JUN.2019 00:44:08

Date: 6 JUN.2019 00:45:11

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 6 JUN.2019 00:53:46

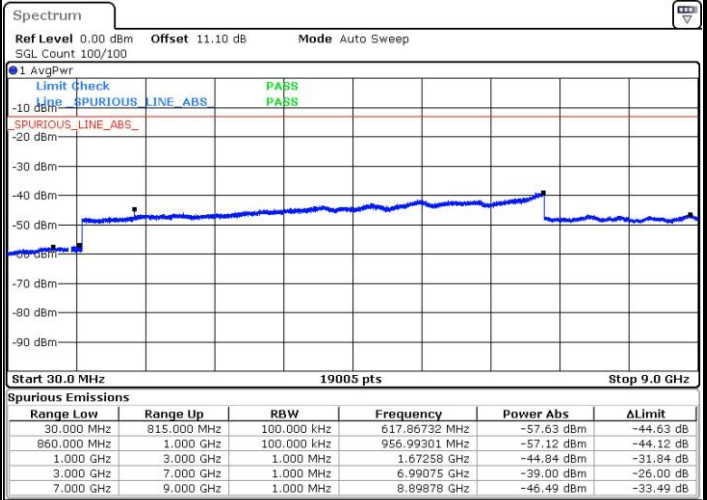
Date: 6 JUN.2019 00:54:50



LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

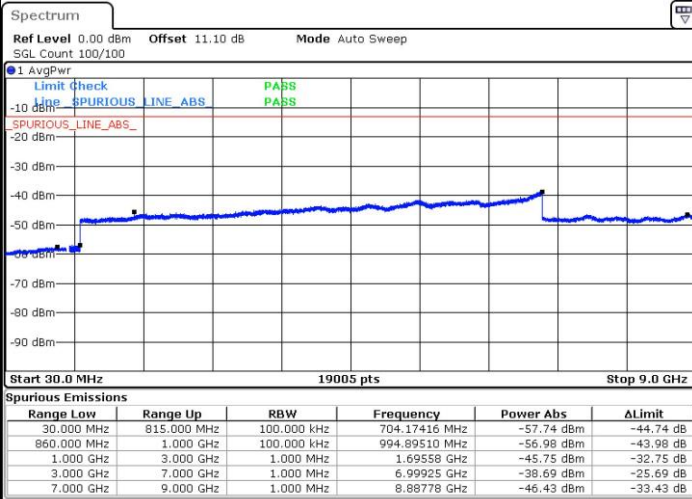
Middle Channel / 64QAM



Date: 6 JUN.2019 01:32:57

Date: 6 JUN.2019 01:34:24

Highest Channel / 64QAM

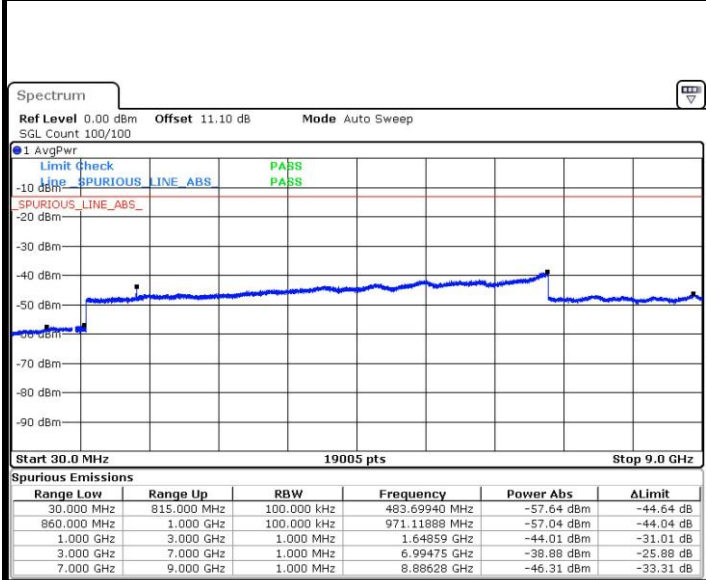


Date: 6 JUN.2019 01:39:13



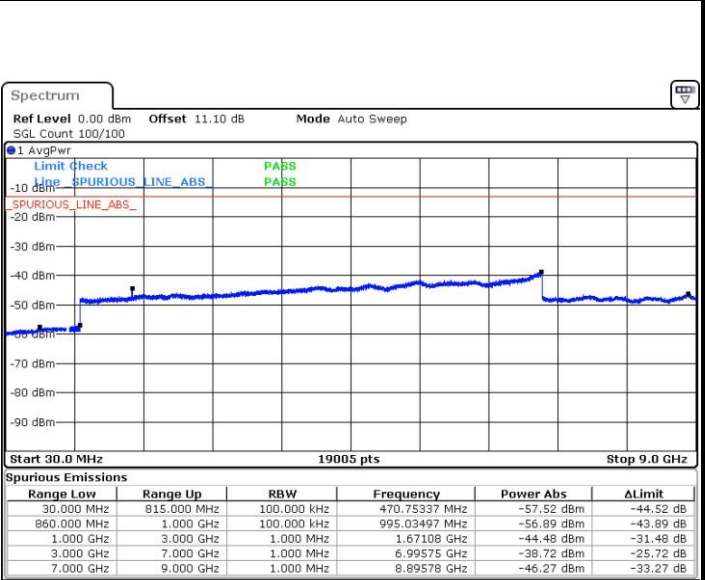
LTE Band 5 / 3MHz

Lowest Channel / 64QAM



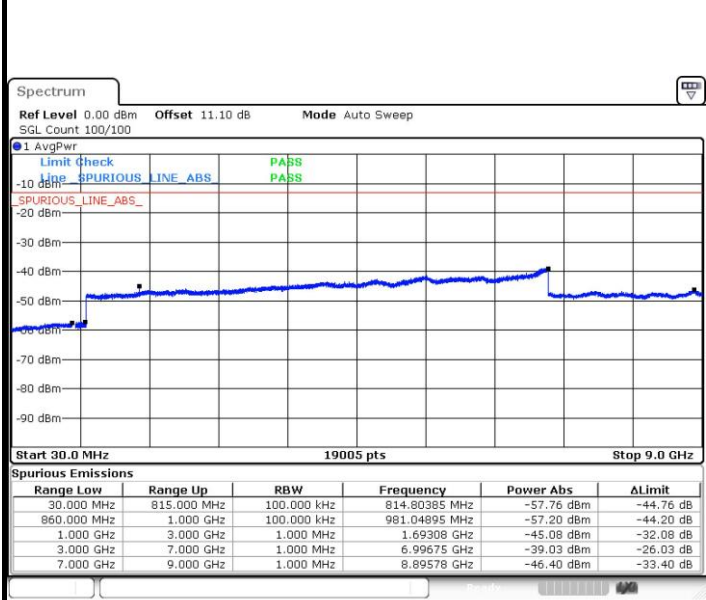
Date: 6 JUN. 2019 00:59:40

Middle Channel / 64QAM



Date: 6 JUN. 2019 01:01:08

Highest Channel / 64QAM



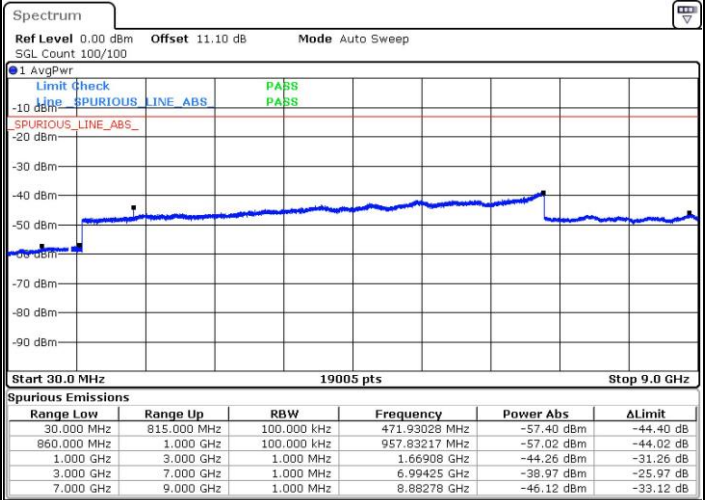
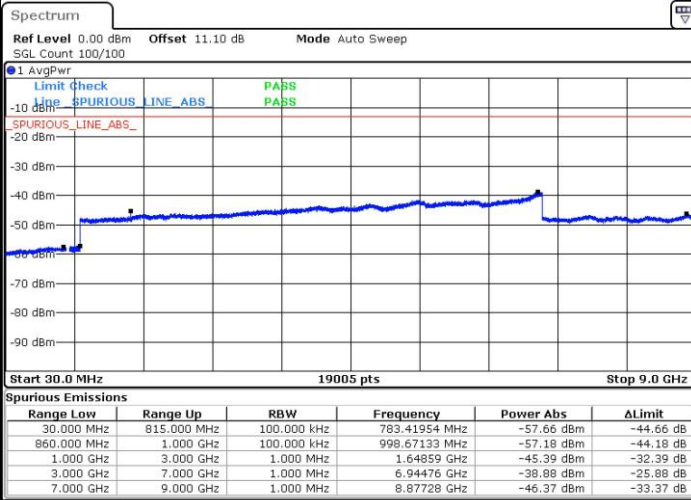
Date: 6 JUN. 2019 01:05:57



LTE Band 5 / 5MHz

Lowest Channel / 64QAM

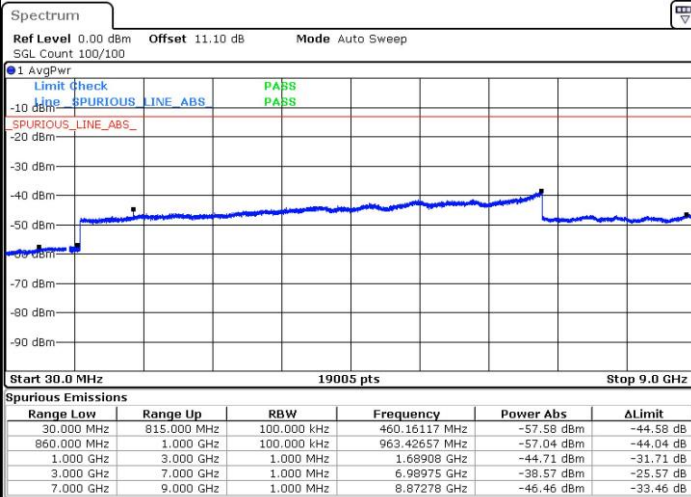
Middle Channel / 64QAM



Date: 6 JUN.2019 01:10:46

Date: 6 JUN.2019 01:12:13

Highest Channel / 64QAM



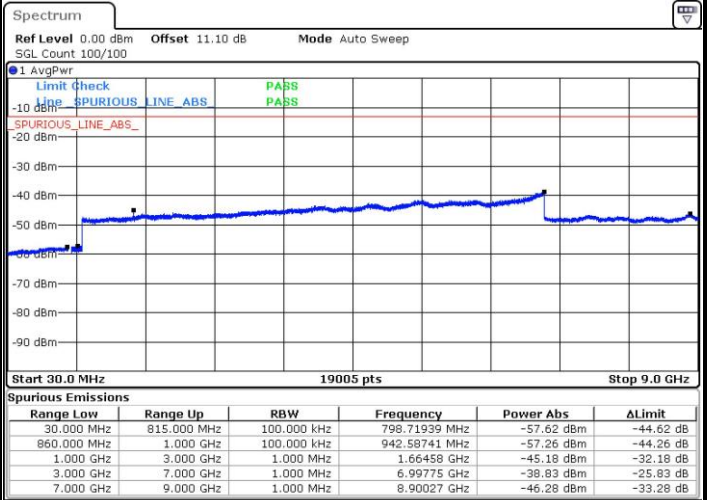
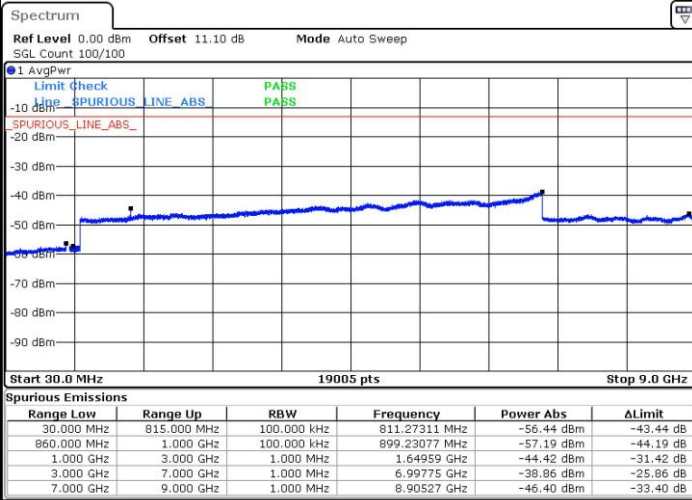
Date: 6 JUN.2019 01:17:03



LTE Band 5 / 10MHz

Lowest Channel / 64QAM

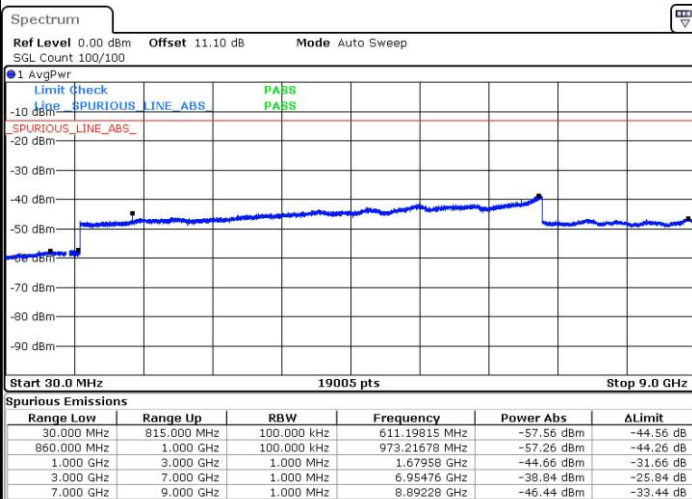
Middle Channel / 64QAM



Date: 6 JUN 2019 01:21:52

Date: 6 JUN 2019 01:23:19

Highest Channel / 64QAM



Date: 6 JUN 2019 01:28:08



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	0.0016	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0084	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0048	
0	Normal Voltage	0.0096	
-10	Normal Voltage	0.0090	
-20	Normal Voltage	0.0050	
-30	Normal Voltage	0.0043	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 17

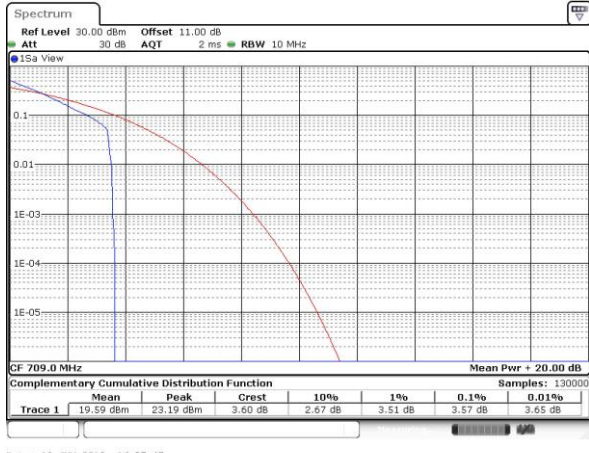
Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.57	4.64	5.36	6.00	PASS
Middle CH	3.54	4.64	5.36	5.88	
Highest CH	3.57	4.64	5.07	5.97	
Mode	LTE Band 17 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.30	5.94	-	-	PASS
Middle CH	5.19	5.88	-	-	
Highest CH	5.36	5.94	-	-	



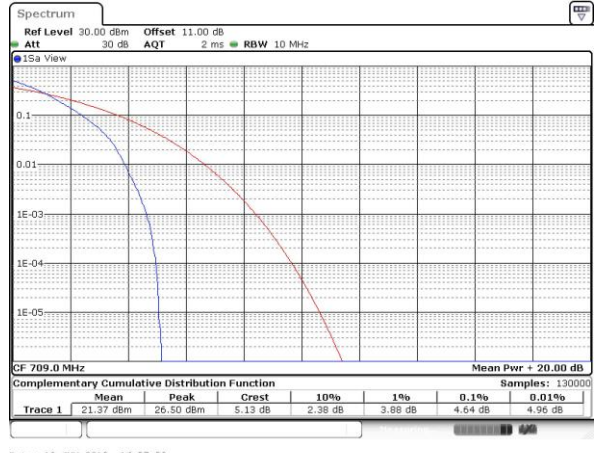
LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



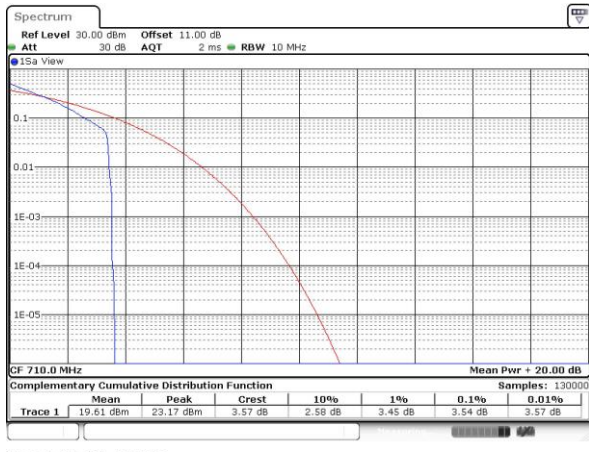
Date: 10 JUN 2019 16:57:47

Lowest Channel / Full RB



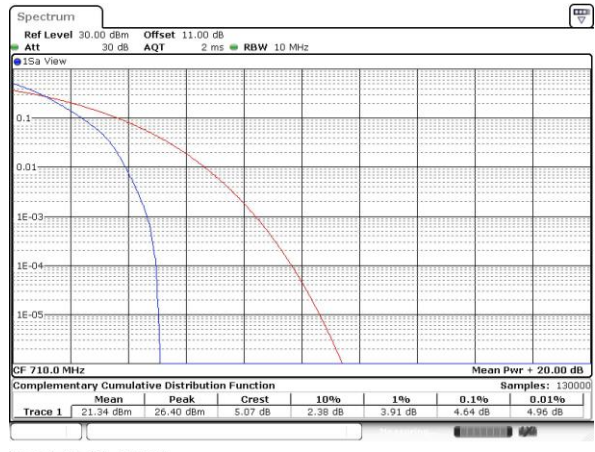
Date: 10 JUN 2019 16:57:59

Middle Channel / 1RB



Date: 10 JUN 2019 16:58:11

Middle Channel / Full RB



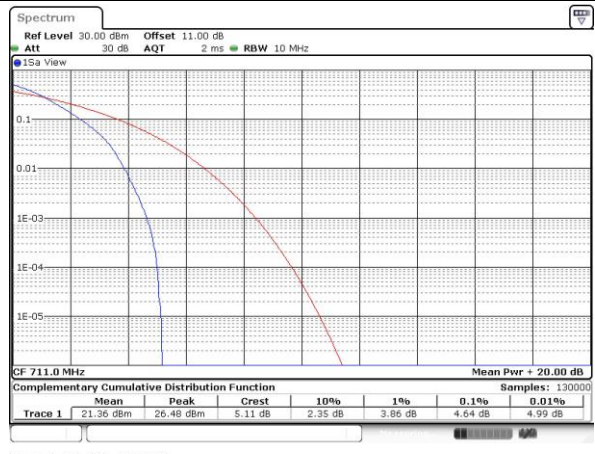
Date: 10 JUN 2019 16:58:23

Highest Channel / 1RB



Date: 10 JUN 2019 16:58:34

Highest Channel / Full RB

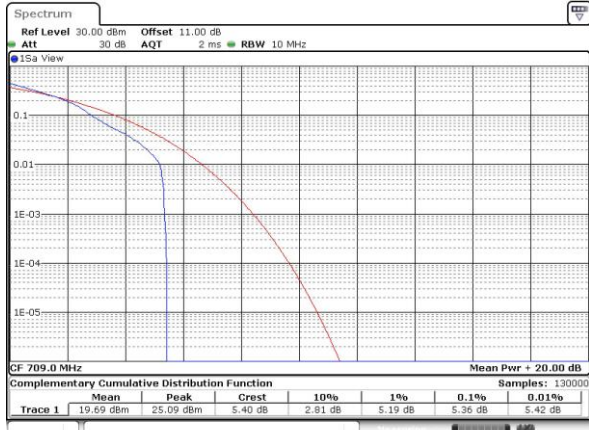


Date: 10 JUN 2019 16:58:46



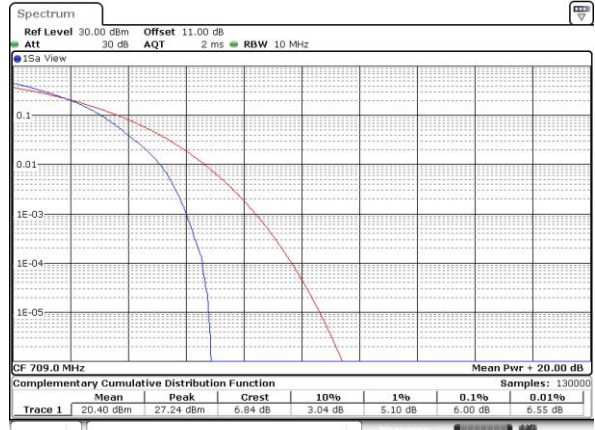
LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



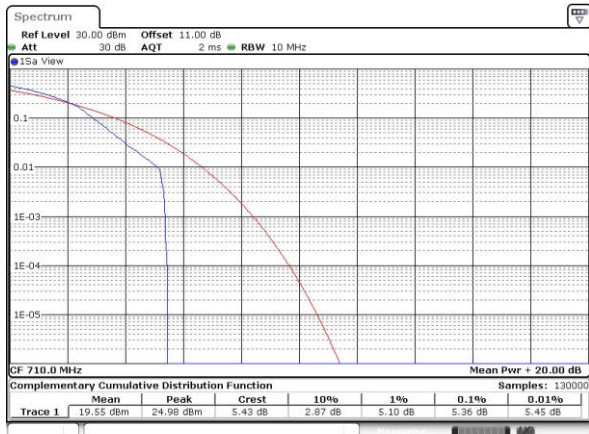
Date: 10 JUN 2019 16:56:31

Lowest Channel / Full RB



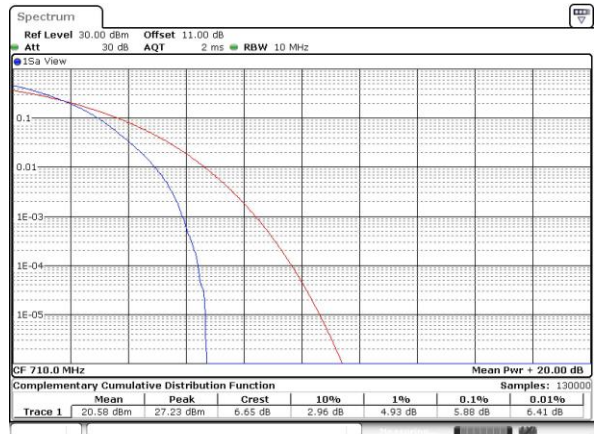
Date: 10 JUN 2019 16:56:45

Middle Channel / 1RB



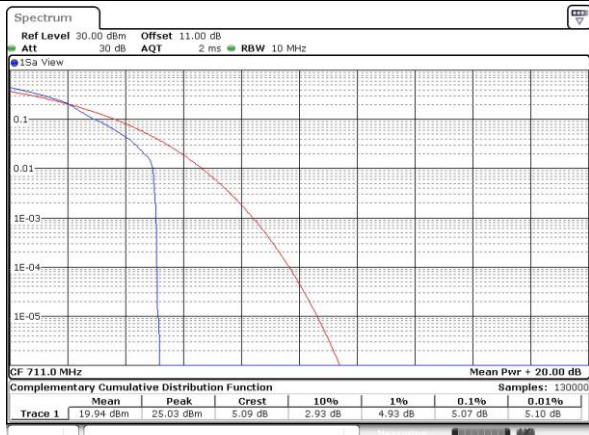
Date: 10 JUN 2019 16:56:57

Middle Channel / Full RB



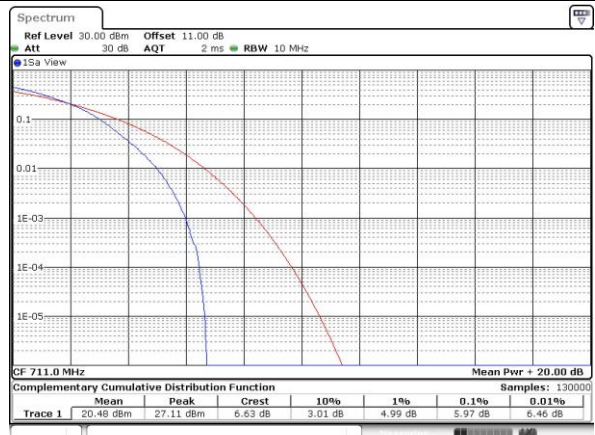
Date: 10 JUN 2019 16:57:09

Highest Channel / 1RB



Date: 10 JUN 2019 16:57:20

Highest Channel / Full RB



Date: 10 JUN 2019 16:57:35