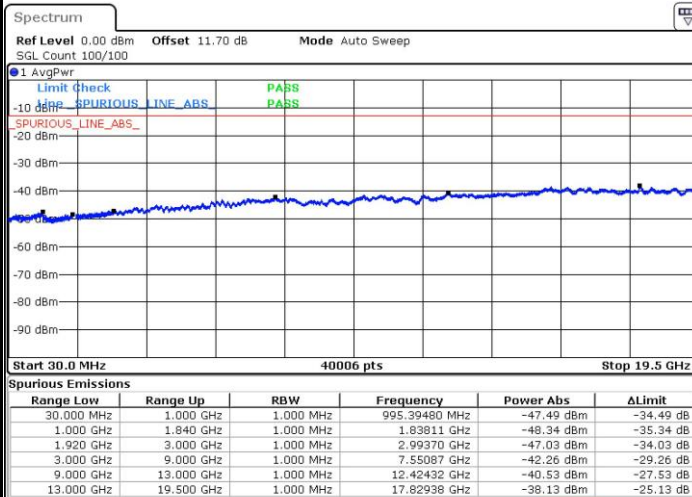




Conducted Spurious Emission

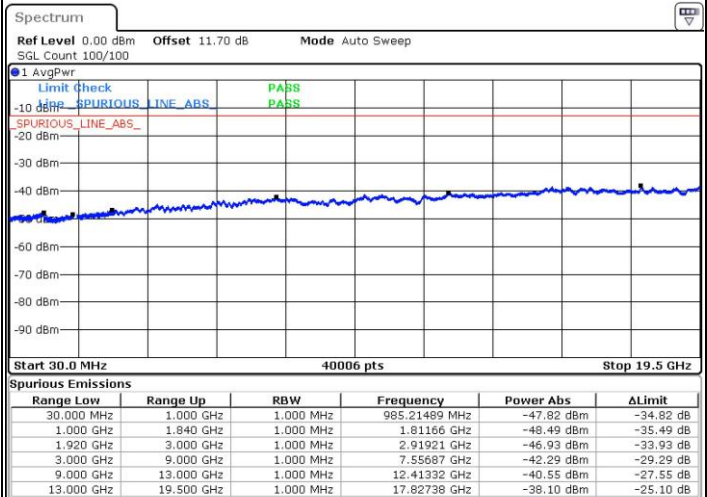
LTE Band 25 / 1.4MHz

Lowest Channel / QPSK



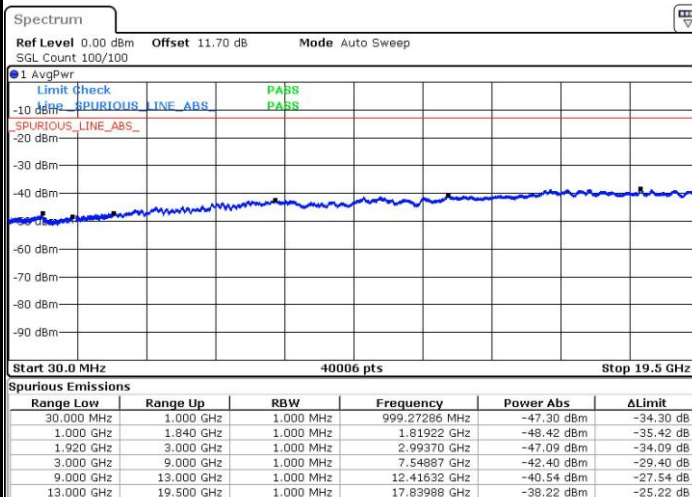
Date: 18 APR 2019 07:36:06

Lowest Channel / 16QAM



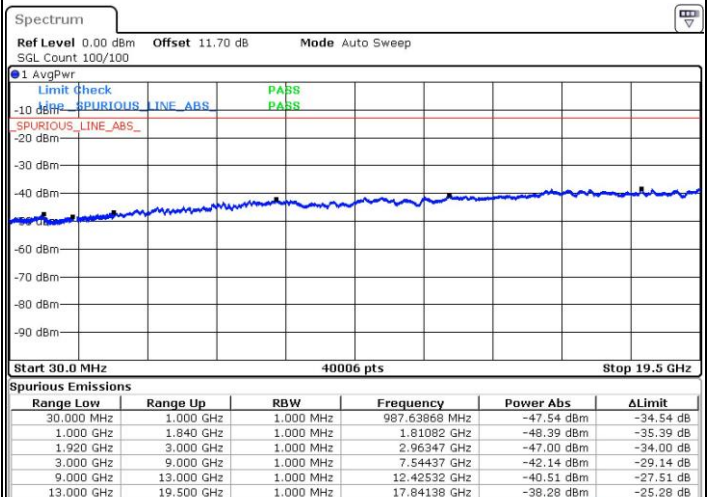
Date: 18 APR 2019 07:36:48

Middle Channel / QPSK



Date: 18 APR 2019 07:38:19

Middle Channel / 16QAM

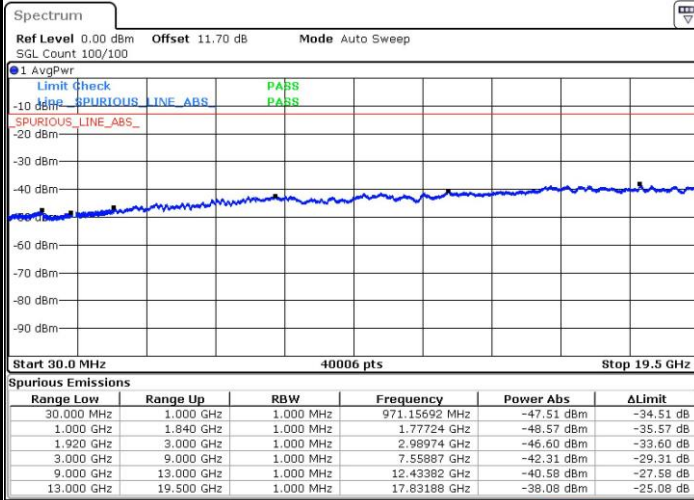


Date: 18 APR 2019 07:39:00



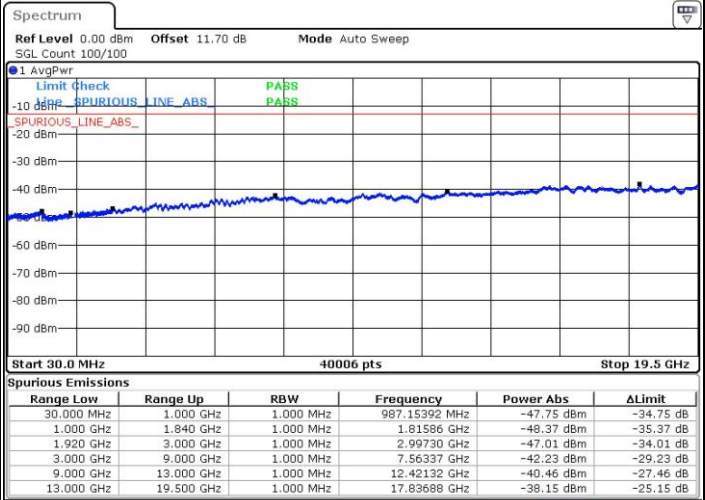
LTE Band 25 / 1.4MHz

Highest Channel / QPSK



Date: 18 APR 2019 07:45:07

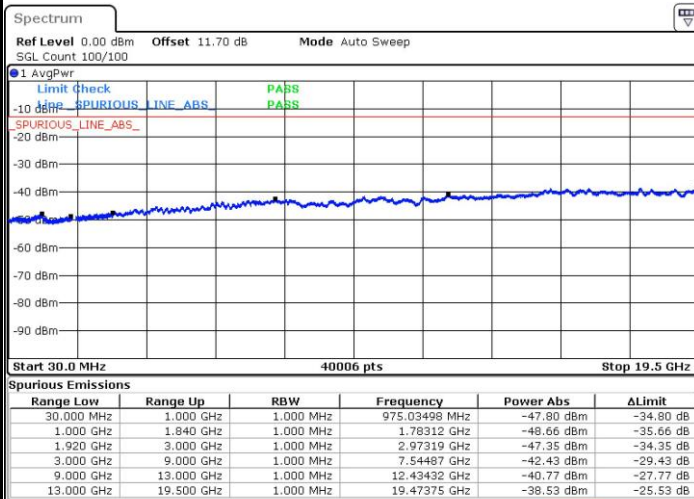
Highest Channel / 16QAM



Date: 18 APR 2019 07:45:48

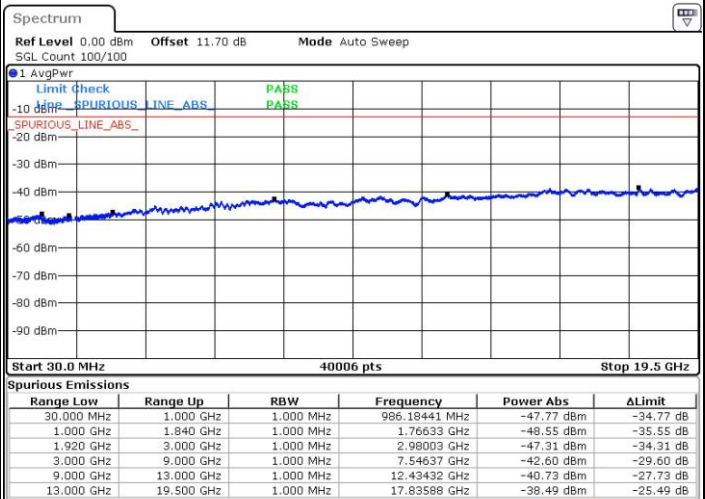
LTE Band 25 / 3MHz

Lowest Channel / QPSK



Date: 10 APR 2019 20:19:16

Lowest Channel / 16QAM

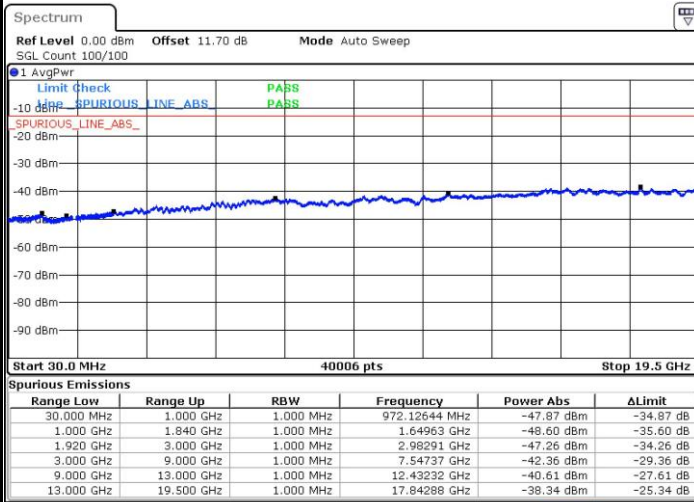


Date: 10 APR 2019 20:19:57



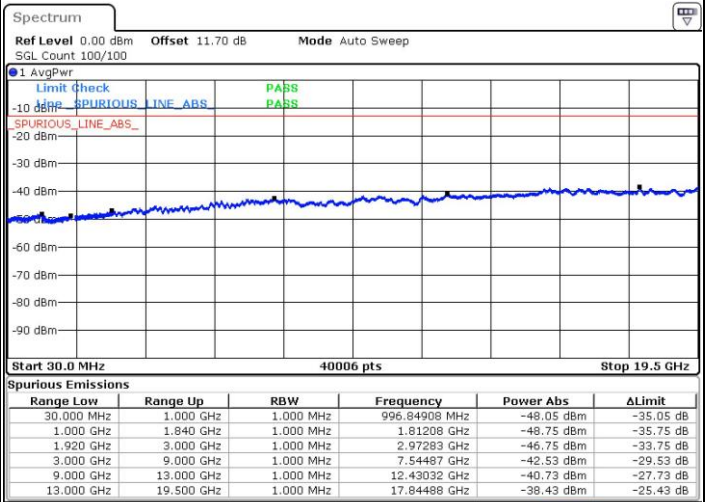
LTE Band 25 / 3MHz

Middle Channel / QPSK



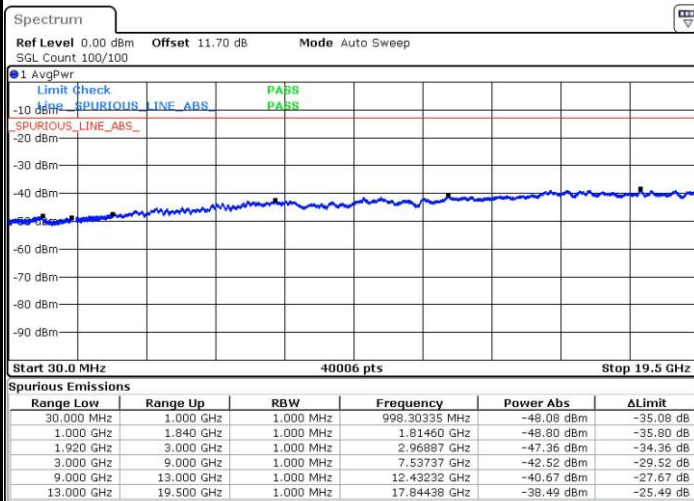
Date: 10 APR 2019 20:21:29

Middle Channel / 16QAM



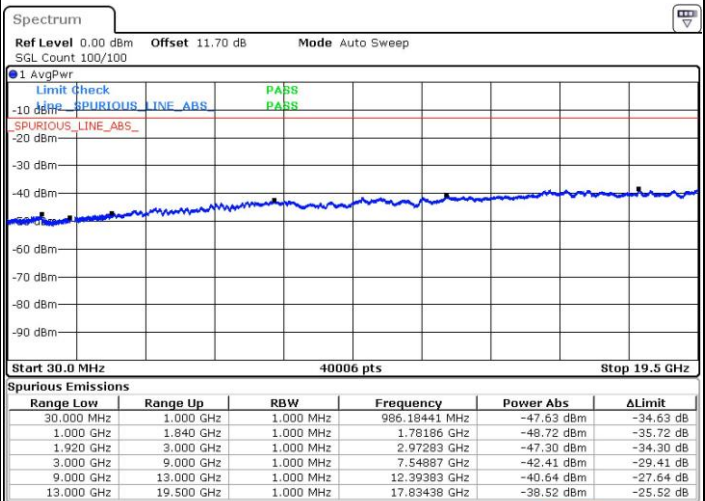
Date: 10 APR 2019 20:22:10

Highest Channel / QPSK



Date: 10 APR 2019 20:26:30

Highest Channel / 16QAM

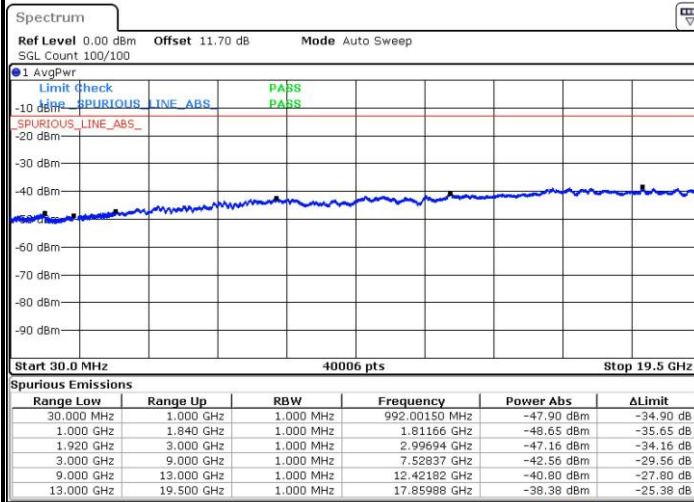


Date: 10 APR 2019 20:27:30



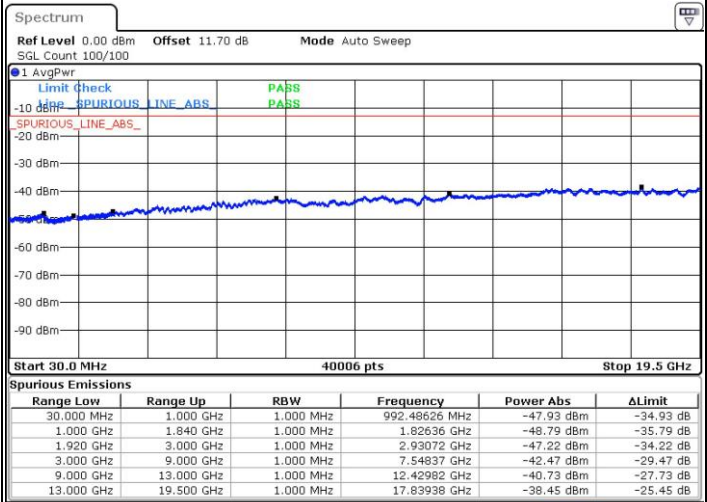
LTE Band 25 / 5MHz

Lowest Channel / QPSK



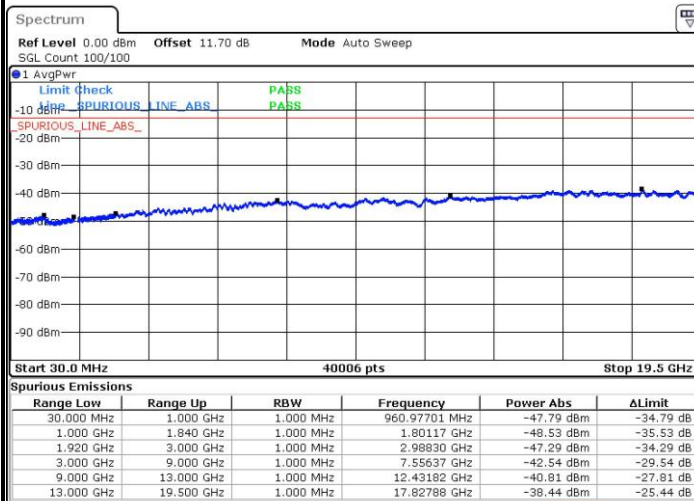
Date: 10 APR 2019 20:31:46

Lowest Channel / 16QAM



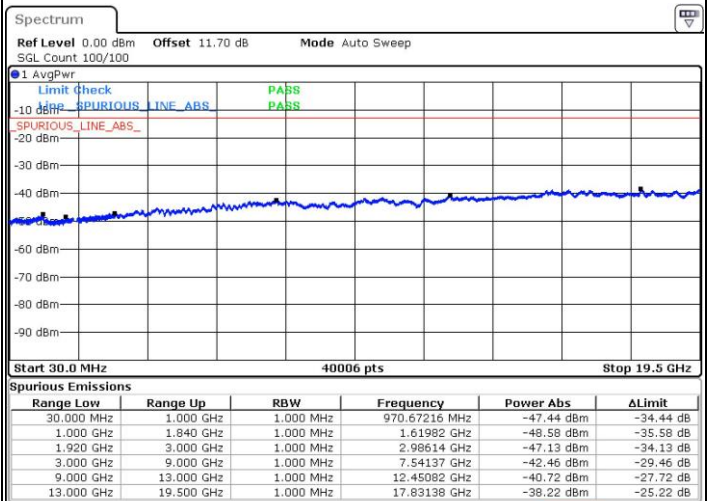
Date: 10 APR 2019 20:32:28

Middle Channel / QPSK



Date: 10 APR 2019 20:33:58

Middle Channel / 16QAM

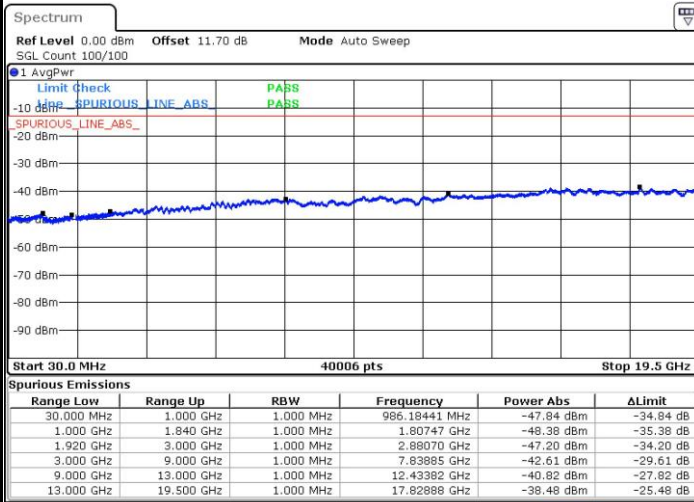


Date: 10 APR 2019 20:34:40



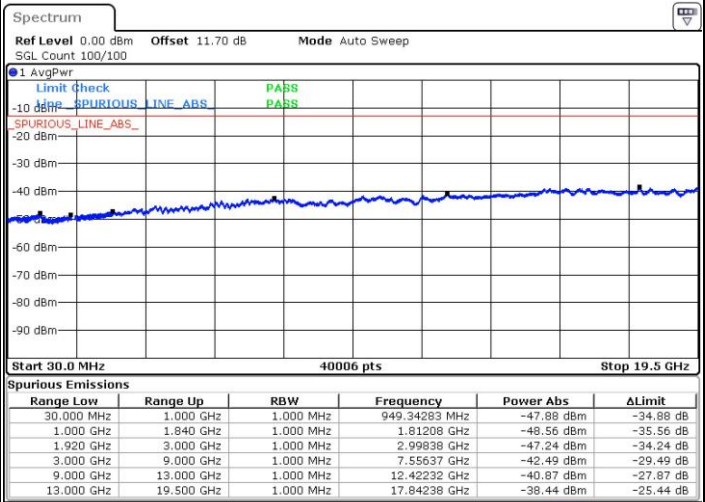
LTE Band 25 / 5MHz

Highest Channel / QPSK



Date: 10 APR 2019 20:38:54

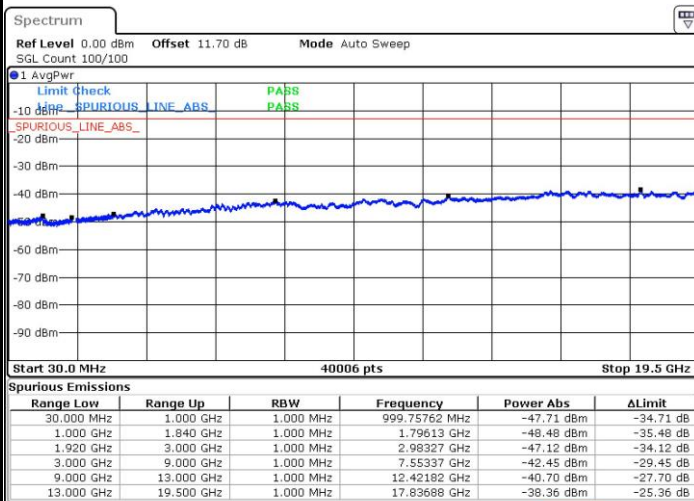
Highest Channel / 16QAM



Date: 10 APR 2019 20:39:36

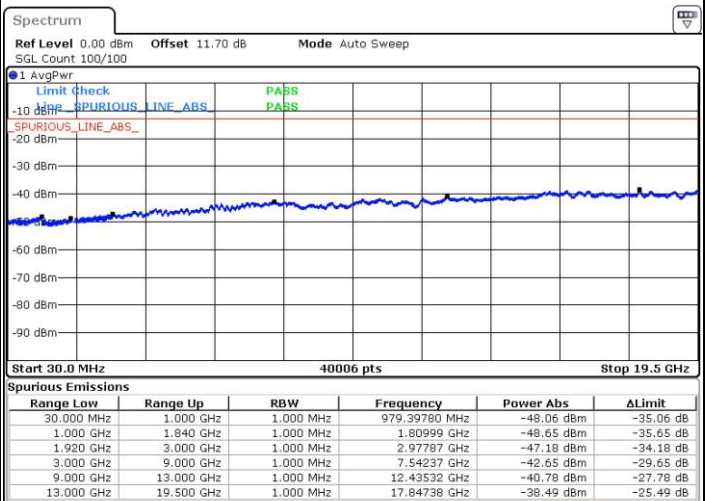
LTE Band 25 / 10MHz

Lowest Channel / QPSK



Date: 10 APR 2019 20:43:51

Lowest Channel / 16QAM

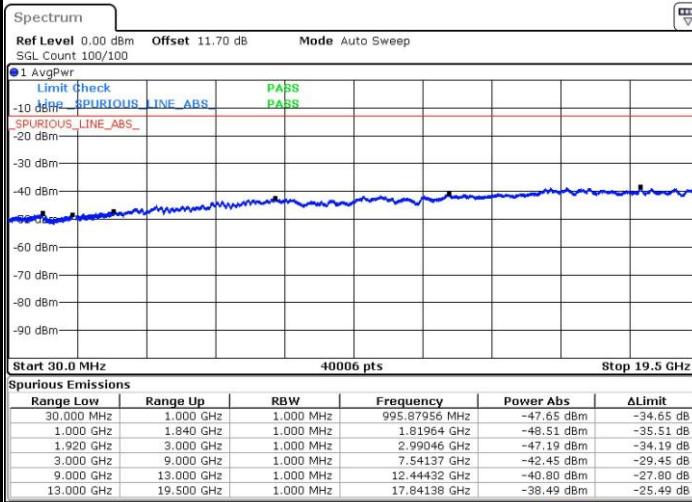


Date: 10 APR 2019 20:44:32



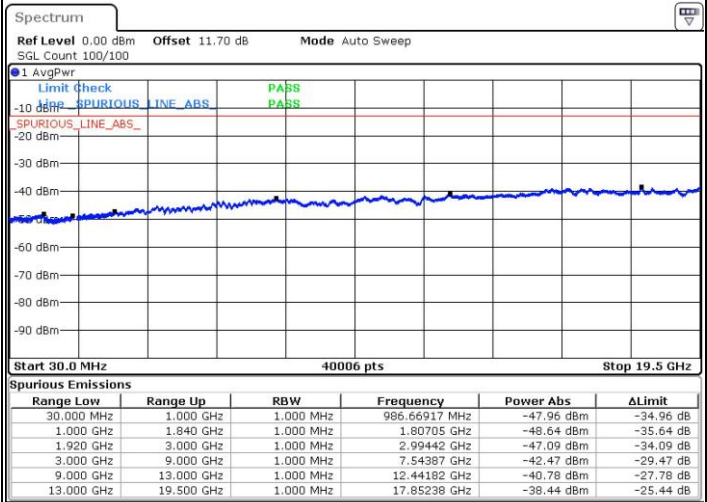
LTE Band 25 / 10MHz

Middle Channel / QPSK



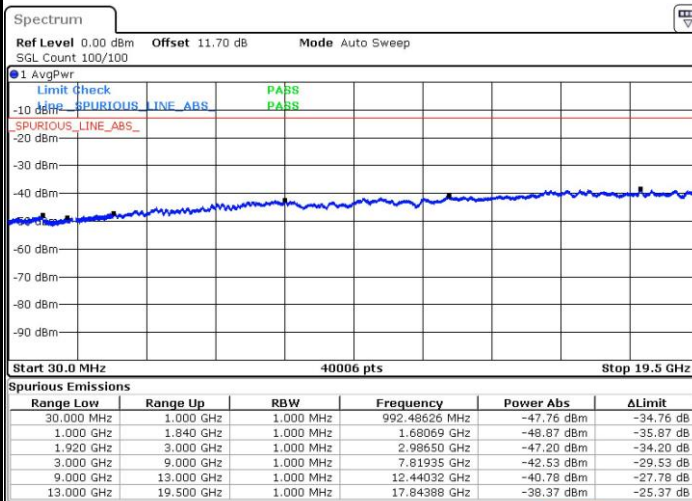
Date: 10 APR 2019 20:46:03

Middle Channel / 16QAM



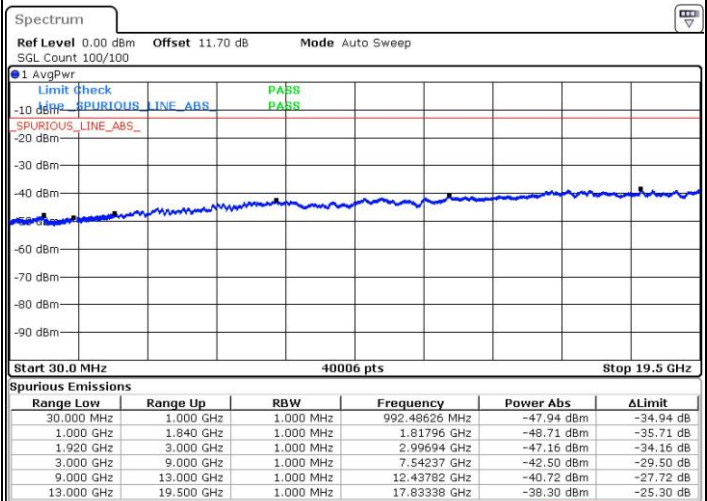
Date: 10 APR 2019 20:46:45

Highest Channel / QPSK



Date: 10 APR 2019 20:55:52

Highest Channel / 16QAM

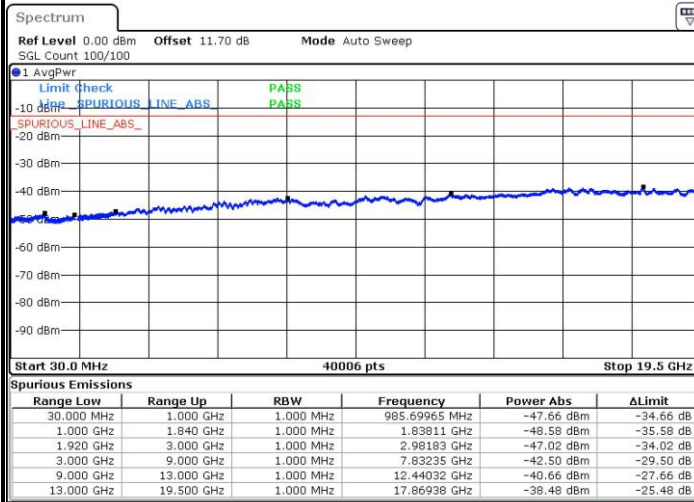


Date: 10 APR 2019 20:56:33



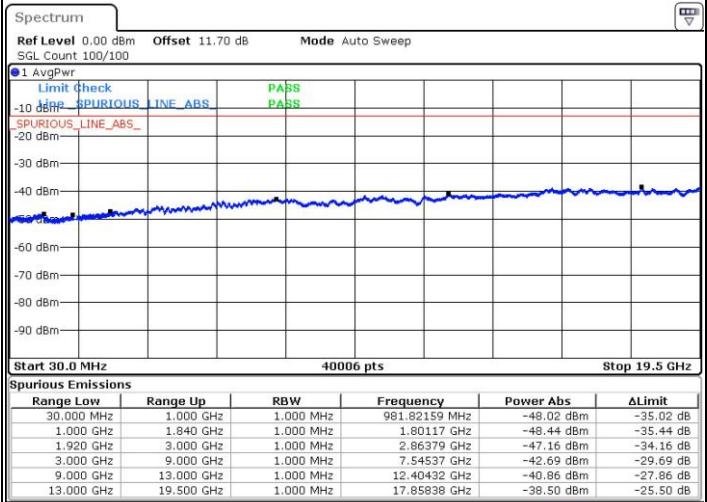
LTE Band 25 / 15MHz

Lowest Channel / QPSK



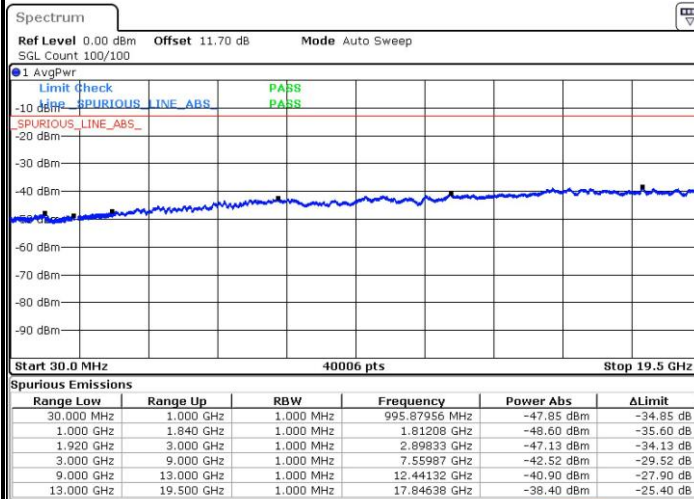
Date: 10 APR 2019 21:00:49

Lowest Channel / 16QAM



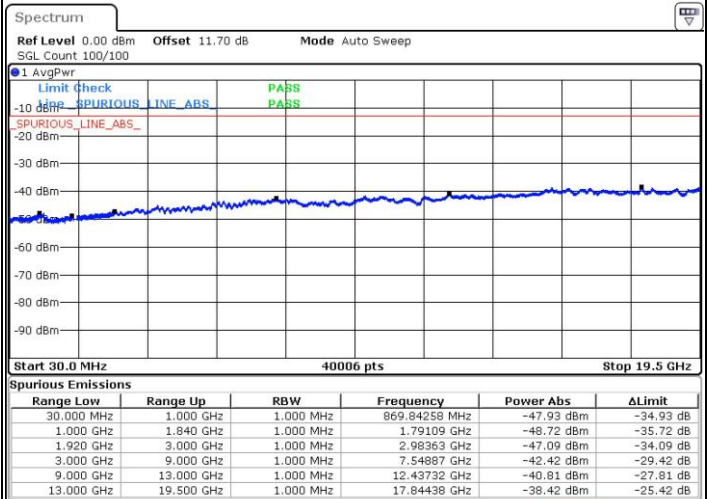
Date: 10 APR 2019 21:01:30

Middle Channel / QPSK



Date: 10 APR 2019 21:03:01

Middle Channel / 16QAM

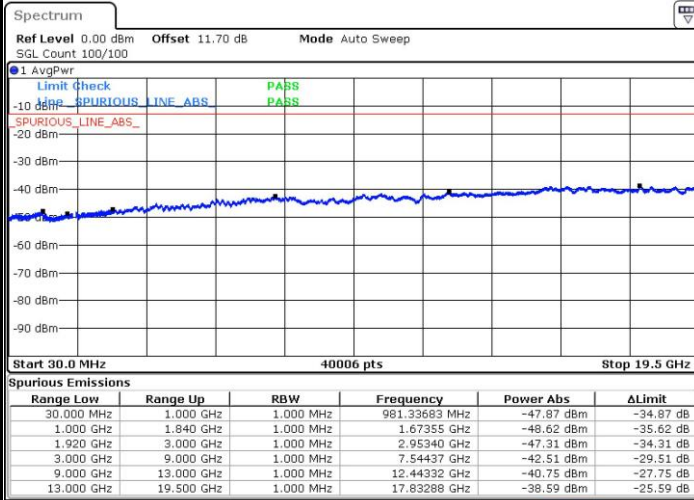


Date: 10 APR 2019 21:03:43



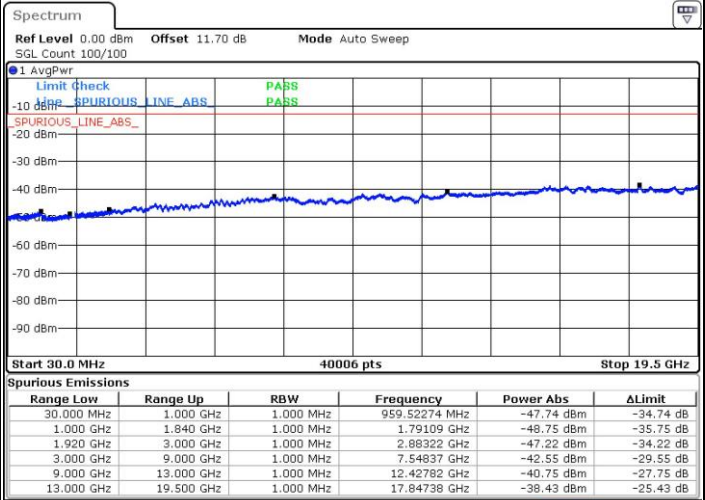
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 10 APR 2019 21:08:15

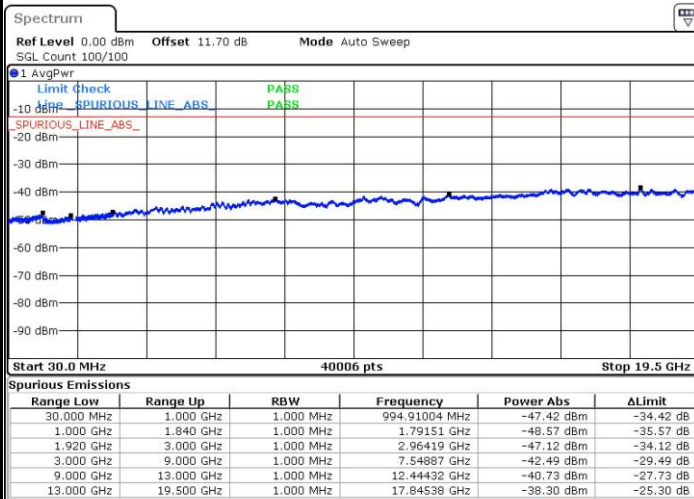
Highest Channel / 16QAM



Date: 10 APR 2019 21:08:56

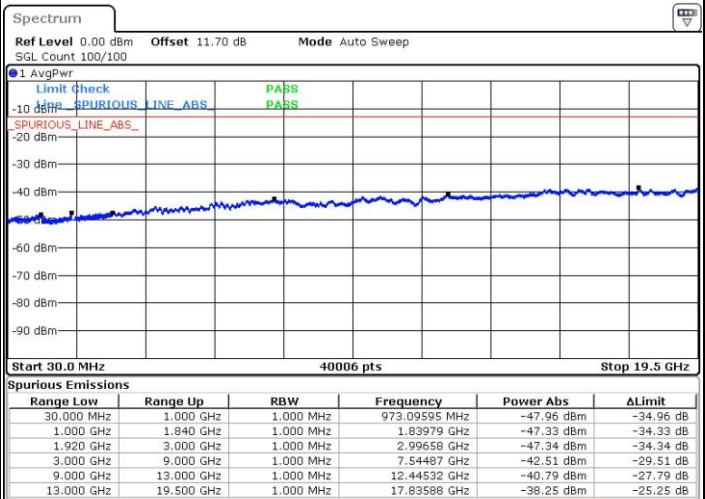
LTE Band 25 / 20MHz

Lowest Channel / QPSK



Date: 10 APR 2019 21:13:12

Lowest Channel / 16QAM

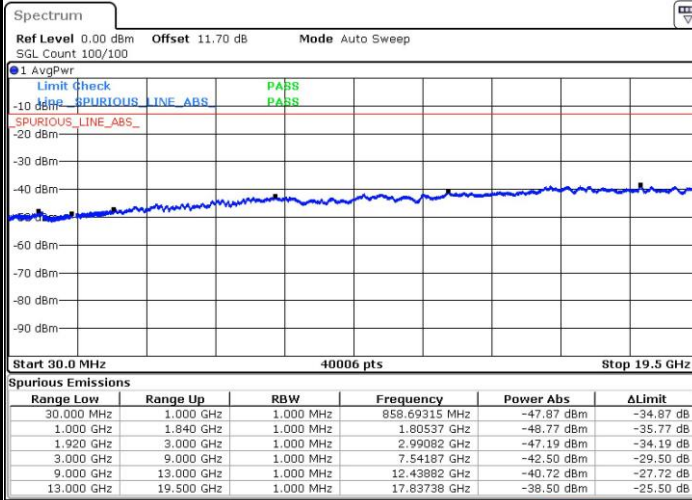


Date: 10 APR 2019 21:13:53



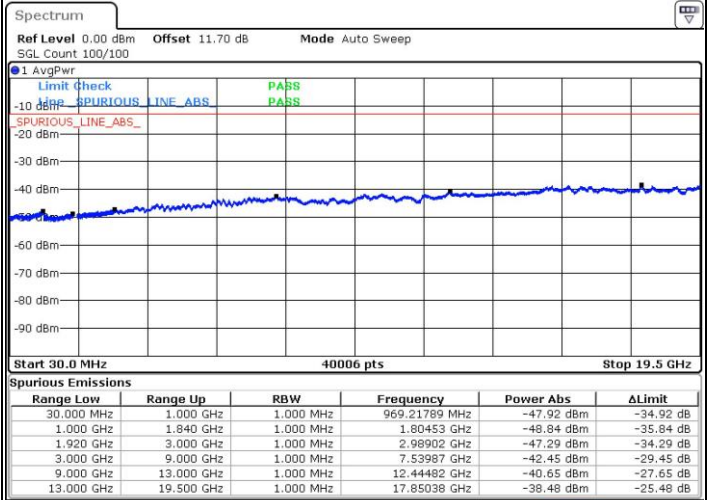
LTE Band 25 / 20MHz

Middle Channel / QPSK



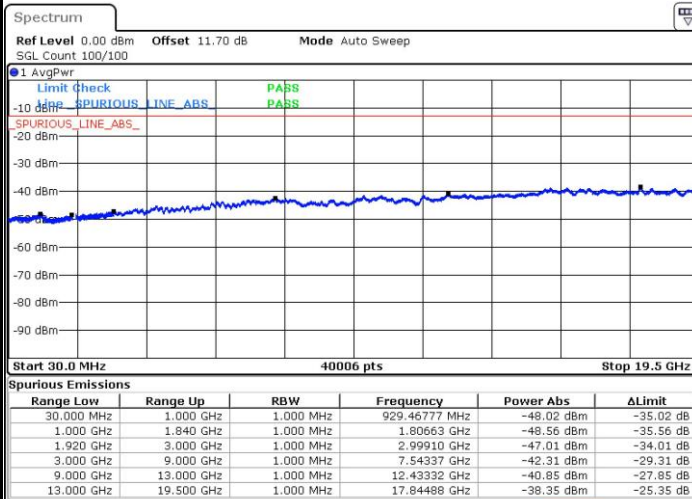
Date: 10 APR 2019 21:15:25

Middle Channel / 16QAM



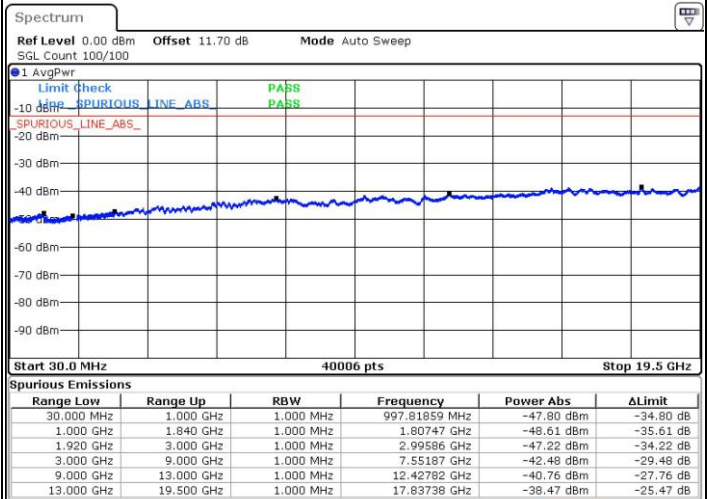
Date: 10 APR 2019 21:16:06

Highest Channel / QPSK



Date: 10 APR 2019 21:29:47

Highest Channel / 16QAM

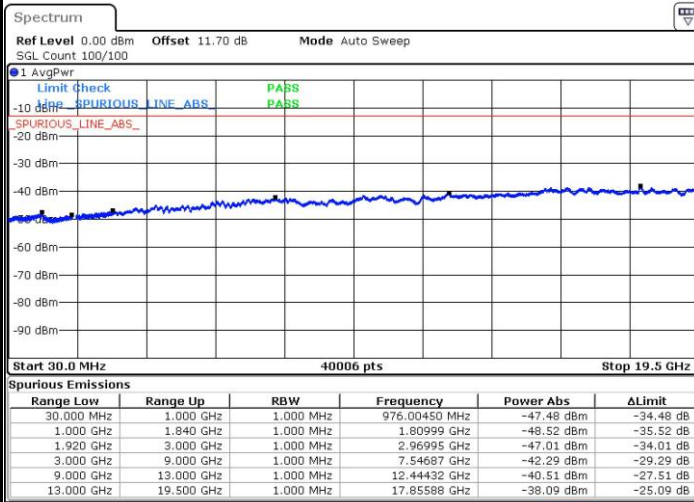


Date: 10 APR 2019 21:30:28



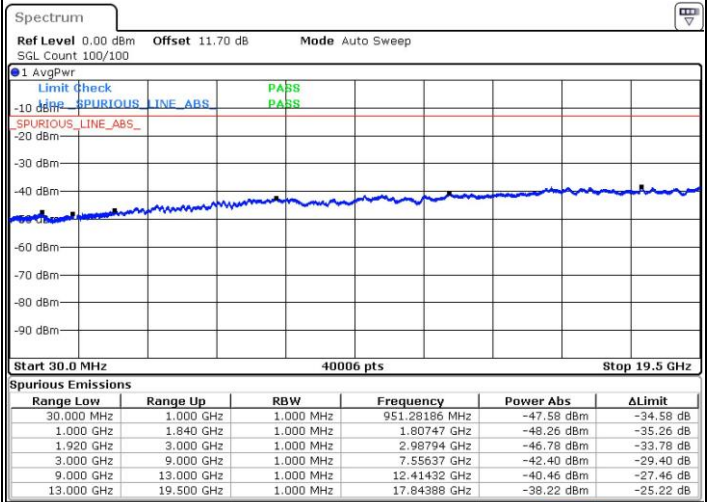
LTE Band 25 / 1.4MHz

Lowest Channel / 64QAM



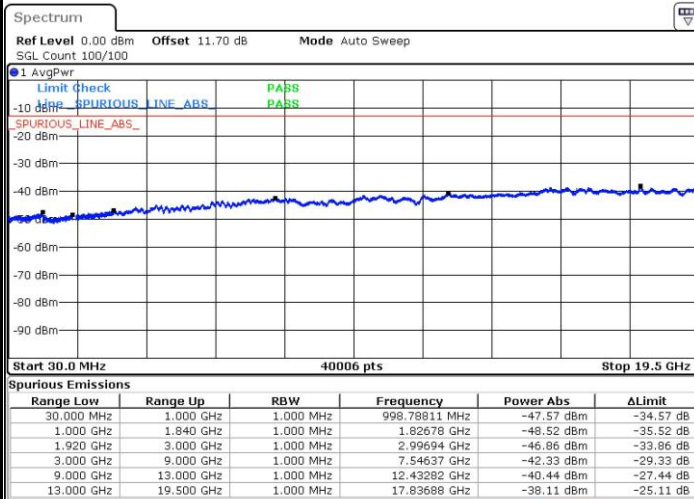
Date: 18 APR 2019 07:49:03

Middle Channel / 64QAM



Date: 18 APR 2019 07:50:10

Highest Channel / 64QAM

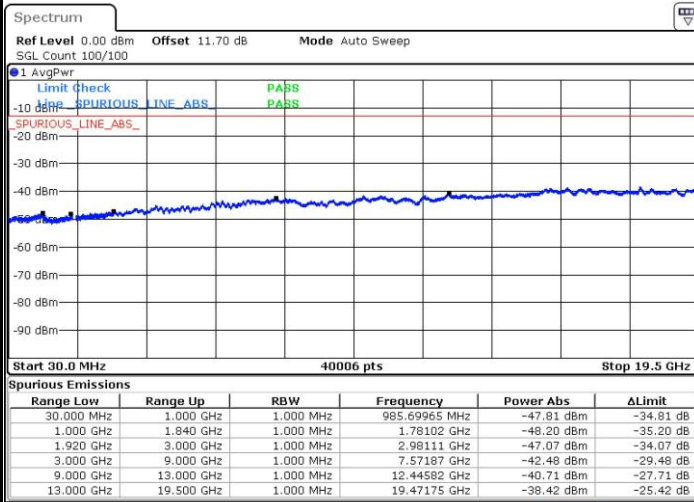


Date: 18 APR 2019 07:56:42



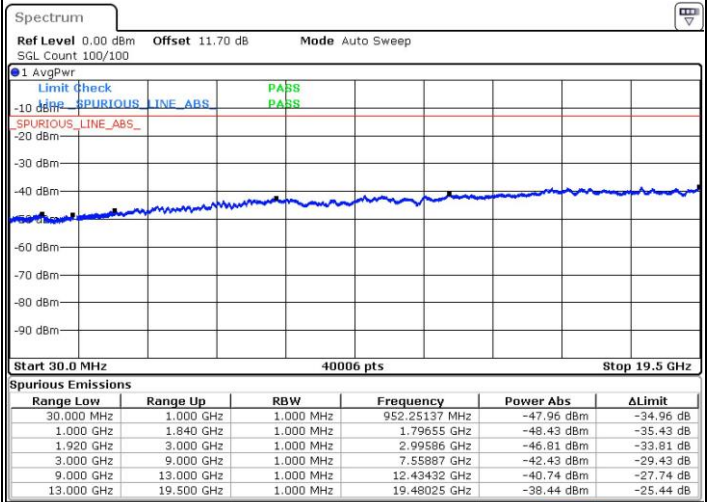
LTE Band 25 / 3MHz

Lowest Channel / 64QAM



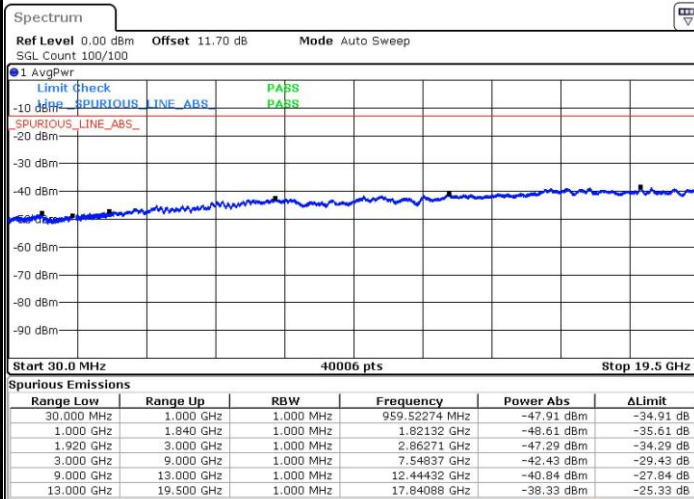
Date: 10 APR 2019 21:36:52

Middle Channel / 64QAM



Date: 10 APR 2019 21:37:58

Highest Channel / 64QAM

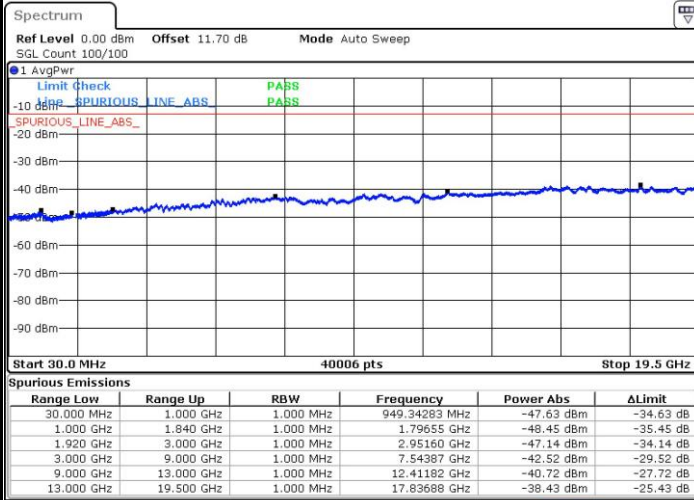


Date: 10 APR 2019 21:40:29



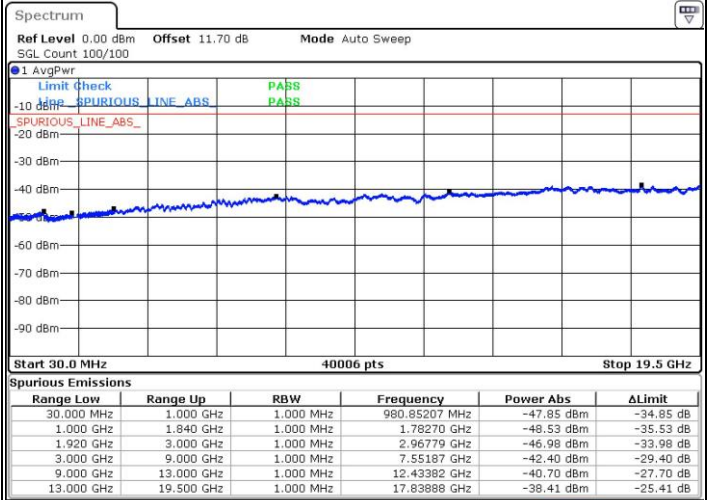
LTE Band 25 / 5MHz

Lowest Channel / 64QAM



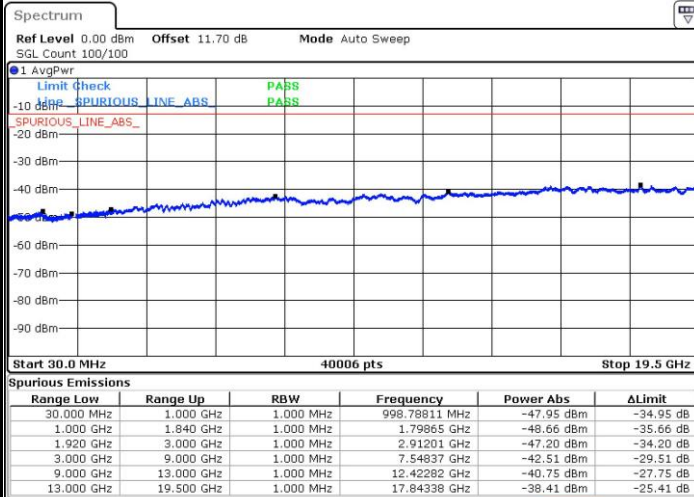
Date: 10 APR 2019 21:42:57

Middle Channel / 64QAM



Date: 10 APR 2019 21:44:03

Highest Channel / 64QAM

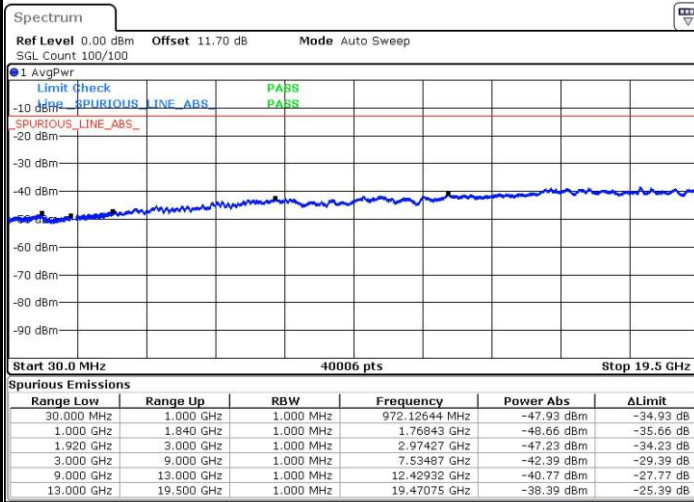


Date: 10 APR 2019 21:46:31



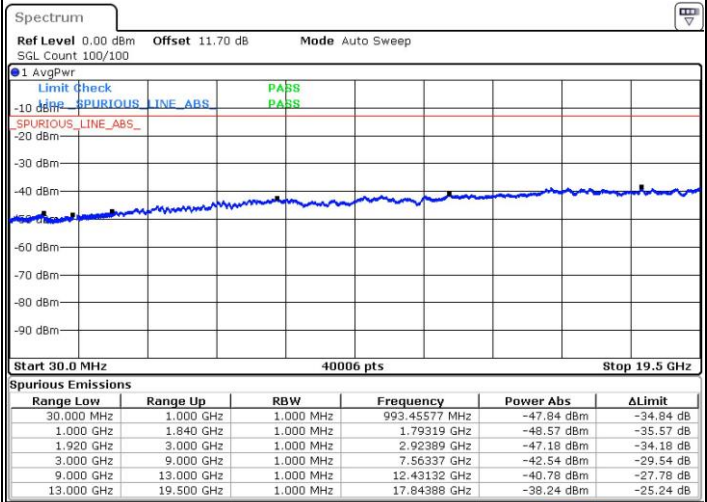
LTE Band 25 / 10MHz

Lowest Channel / 64QAM



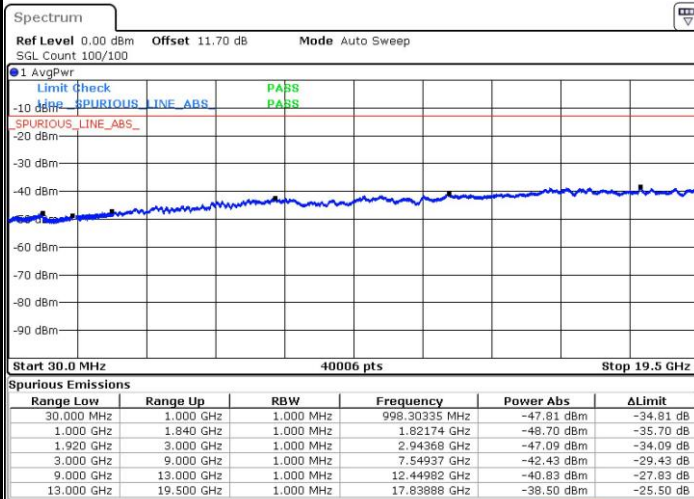
Date: 10 APR 2019 21:48:59

Middle Channel / 64QAM



Date: 10 APR 2019 21:50:05

Highest Channel / 64QAM

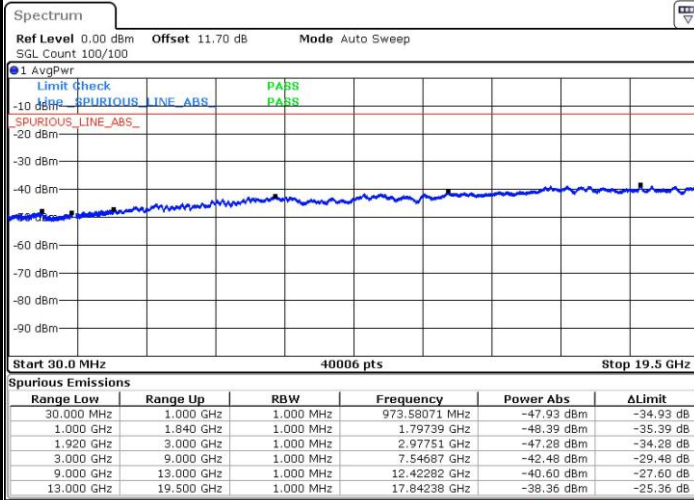


Date: 10 APR 2019 21:52:34



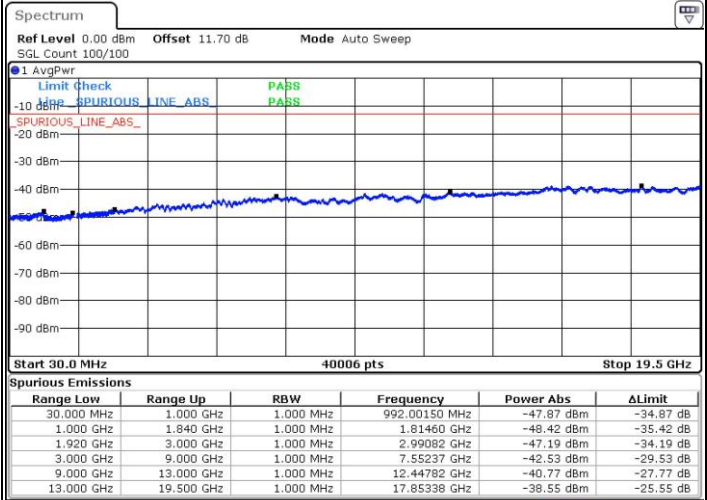
LTE Band 25 / 15MHz

Lowest Channel / 64QAM



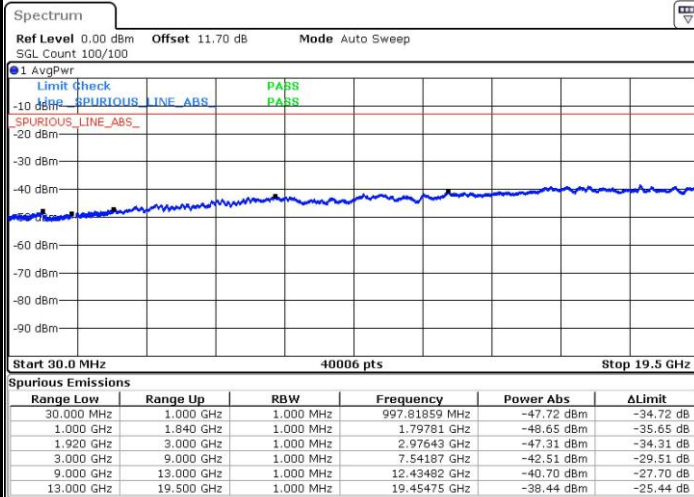
Date: 10 APR 2019 21:55:02

Middle Channel / 64QAM



Date: 10 APR 2019 21:56:08

Highest Channel / 64QAM

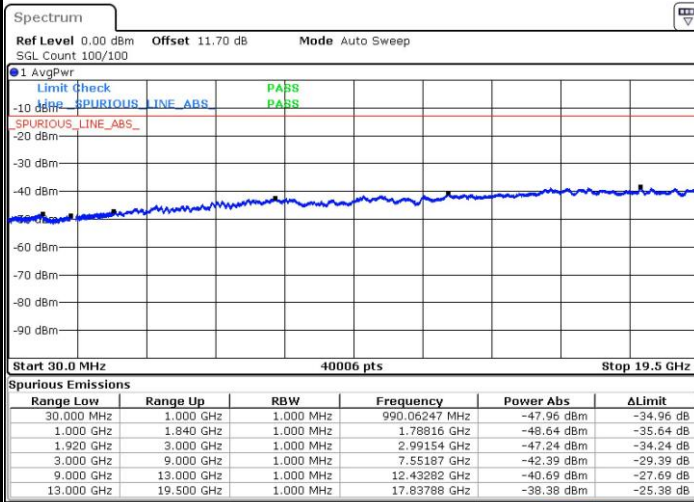


Date: 10 APR 2019 21:58:44



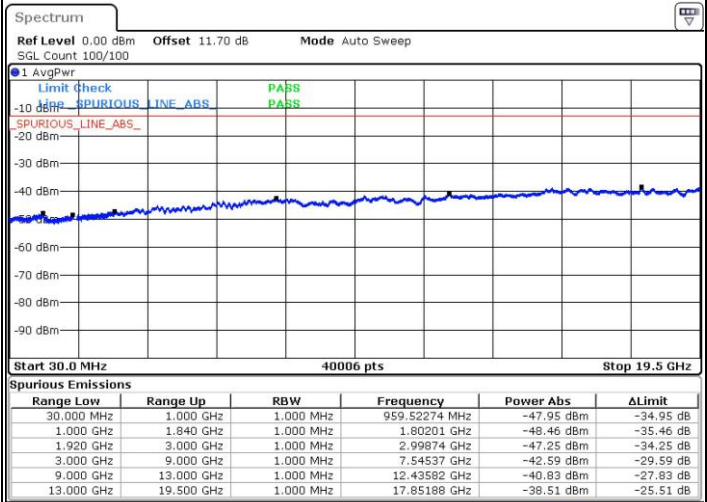
LTE Band 25 / 20MHz

Lowest Channel / 64QAM



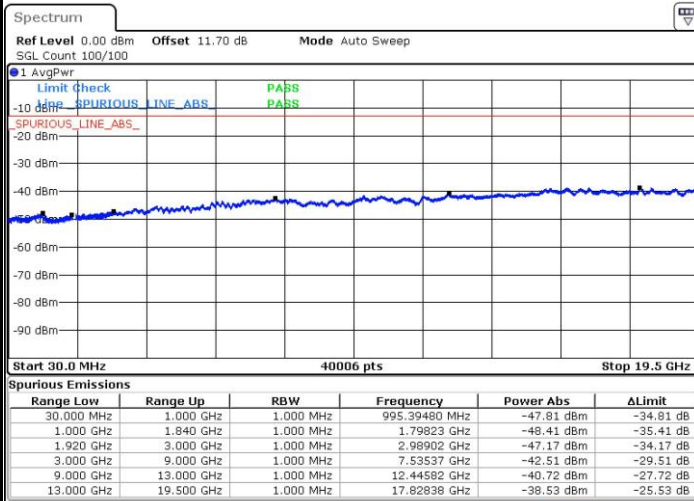
Date: 10 APR 2019 22:01:12

Middle Channel / 64QAM



Date: 10 APR 2019 22:02:18

Highest Channel / 64QAM



Date: 10 APR 2019 22:05:13

Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

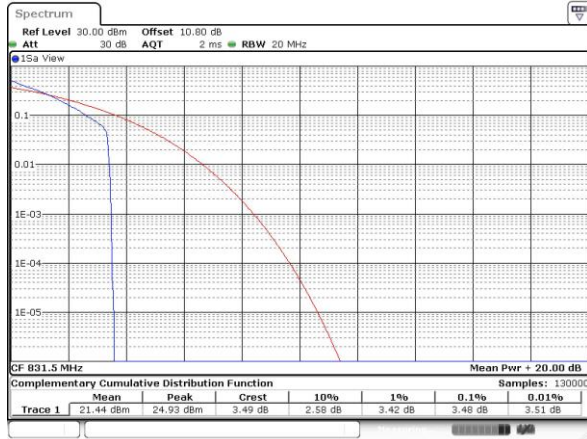
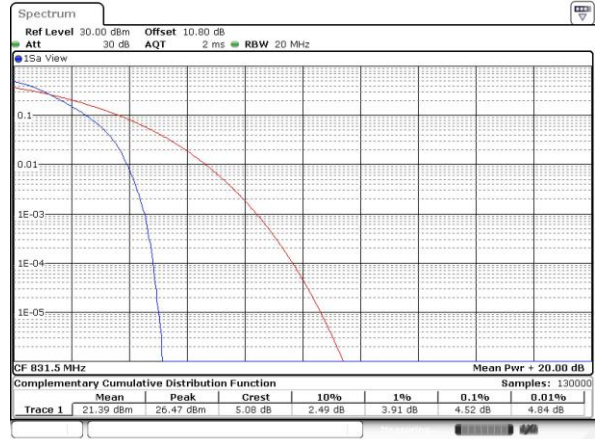
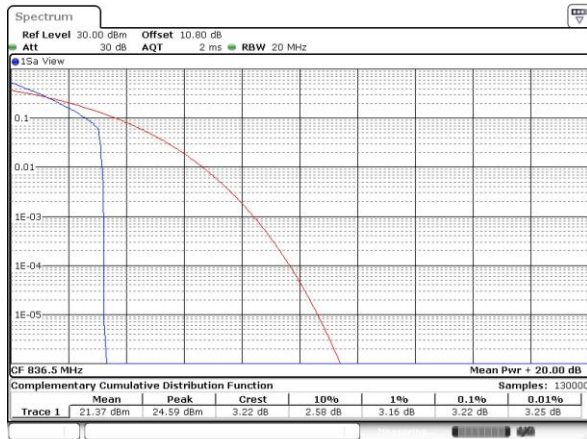
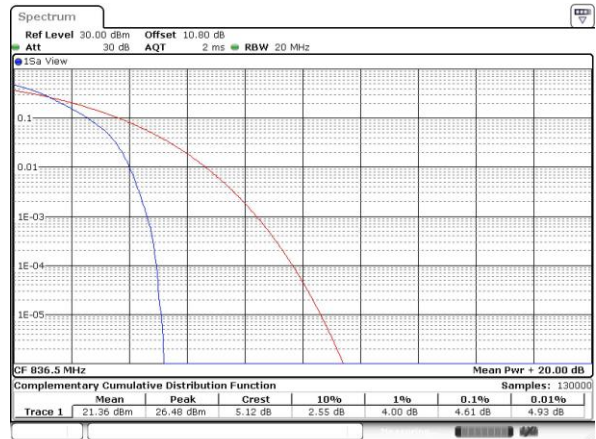
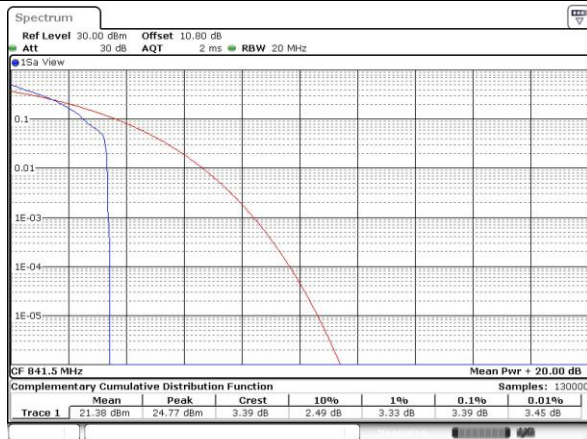
1. Normal Voltage =7.6 V. ; Battery End Point (BEP) =7.0 V. ; Maximum Voltage =8.7 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

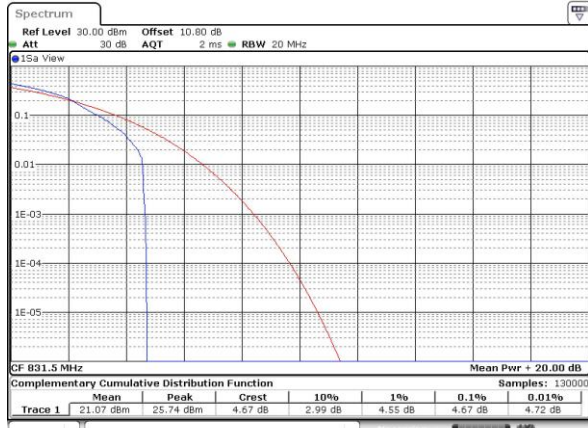
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.48	4.52	4.67	5.74	PASS
Middle CH	3.22	4.61	4.49	5.94	
Highest CH	3.39	4.99	4.75	6.17	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.55	6.41	-	-	PASS
Middle CH	5.83	6.58	-	-	
Highest CH	6.00	6.84	-	-	

LTE Band 26 / 15MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB

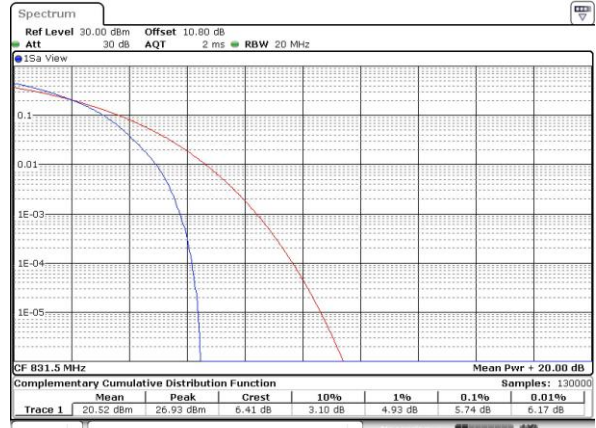

LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



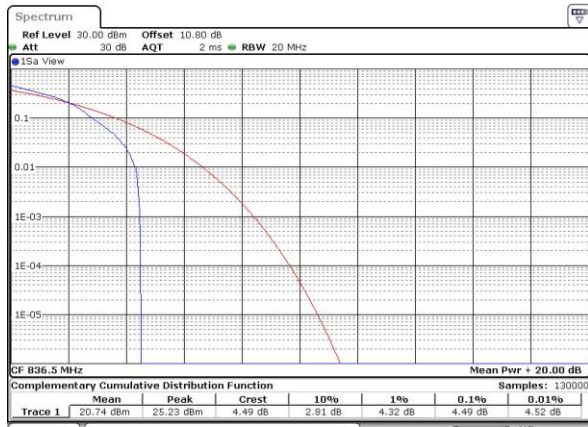
Date: 30 MAR 2019 03:31:41

Lowest Channel / Full RB



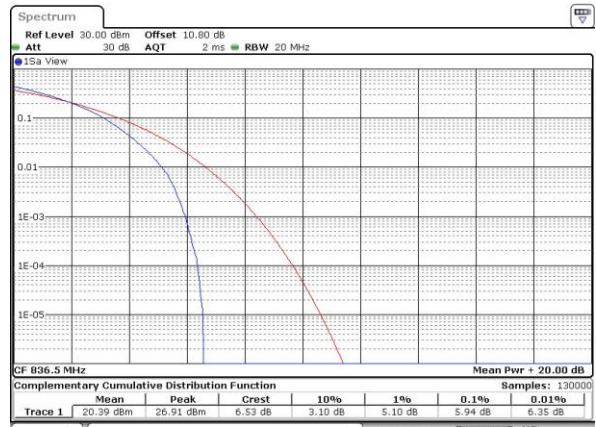
Date: 30 MAR 2019 03:31:31

Middle Channel / 1RB



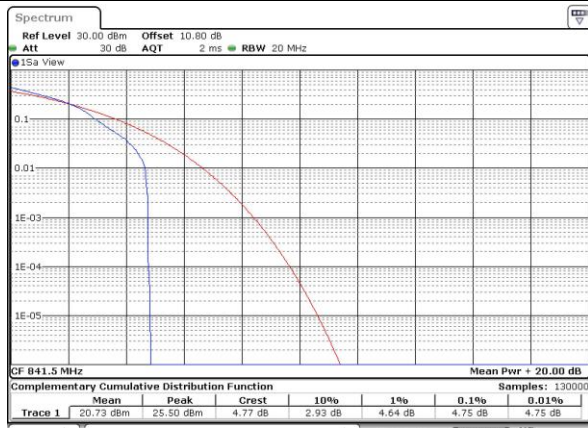
Date: 30 MAR 2019 03:32:14

Middle Channel / Full RB



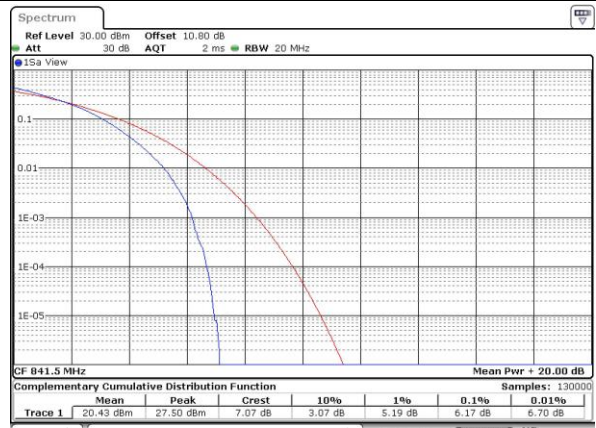
Date: 30 MAR 2019 03:32:25

Highest Channel / 1RB



Date: 30 MAR 2019 03:33:09

Highest Channel / Full RB



Date: 30 MAR 2019 03:32:58