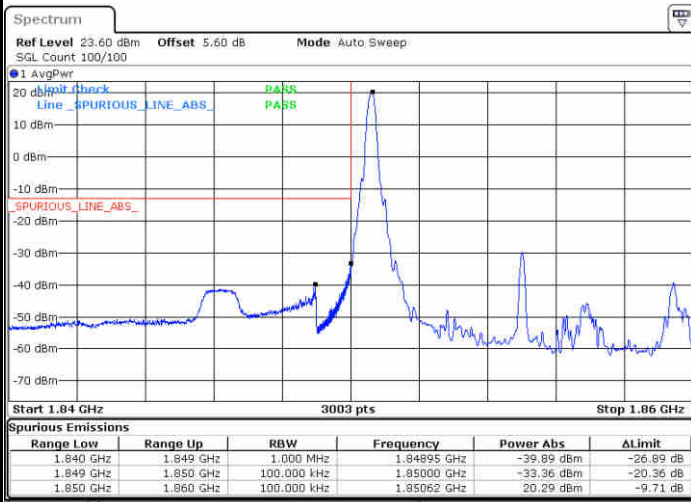




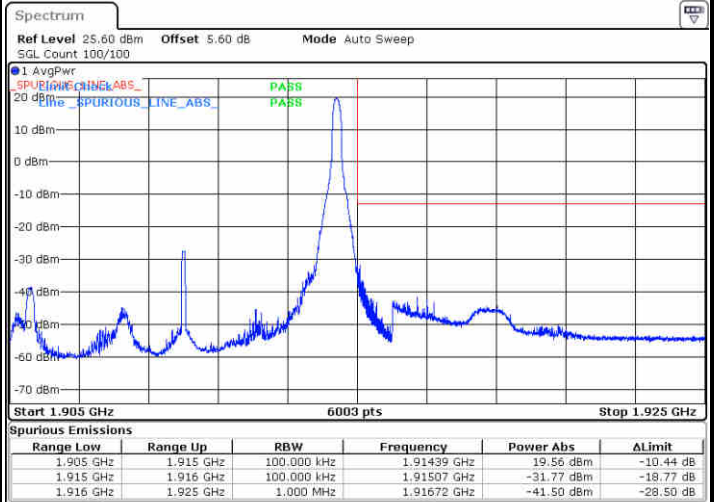
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



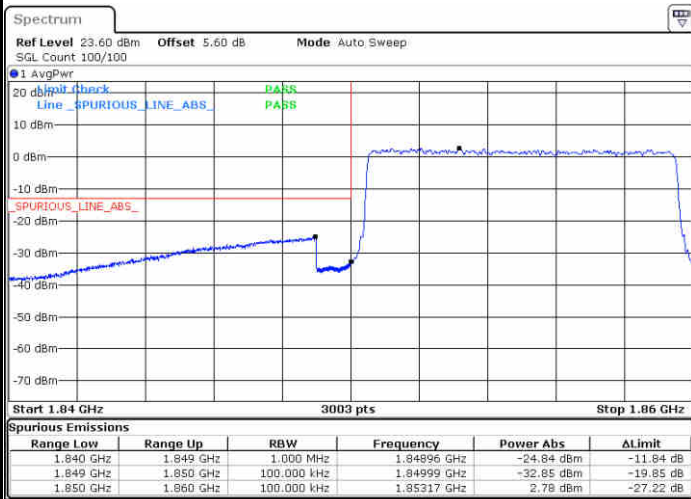
Date: 22.OCT.2019 01:22:04

Highest Band Edge / 1 RB



Date: 22.OCT.2019 01:36:15

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:18:41

Highest Band Edge / Full RB

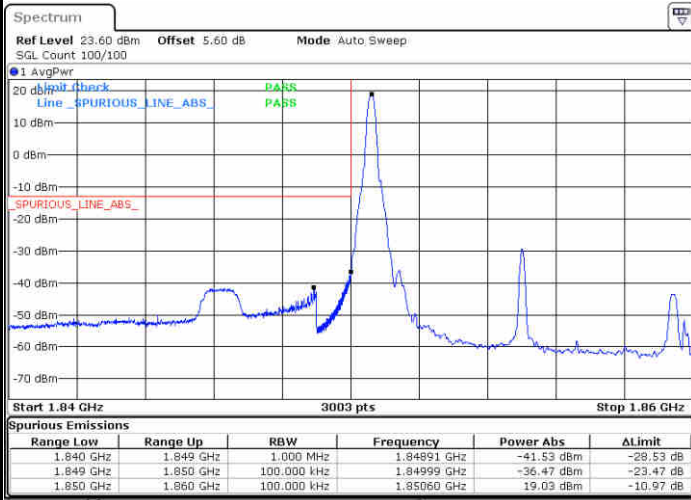


Date: 22.OCT.2019 01:32:53



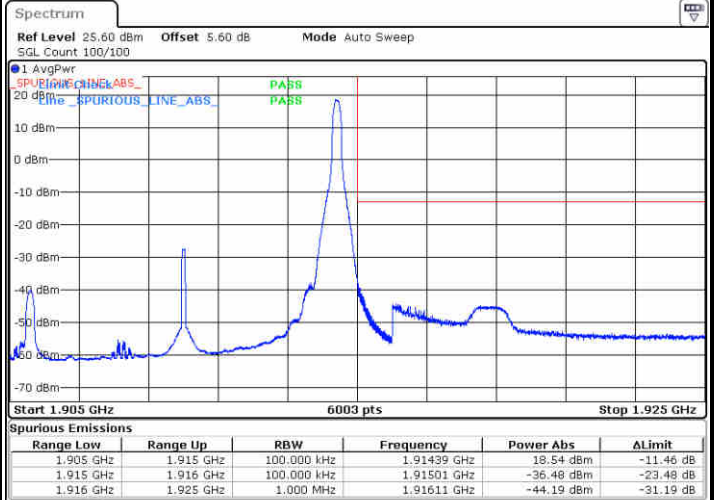
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



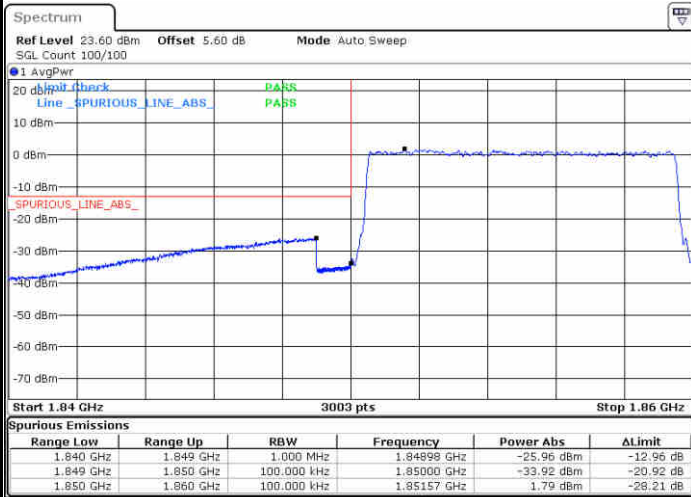
Date: 22.OCT.2019 01:23:11

Highest Band Edge / 1 RB



Date: 22.OCT.2019 01:37:23

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:17:34

Highest Band Edge / Full RB

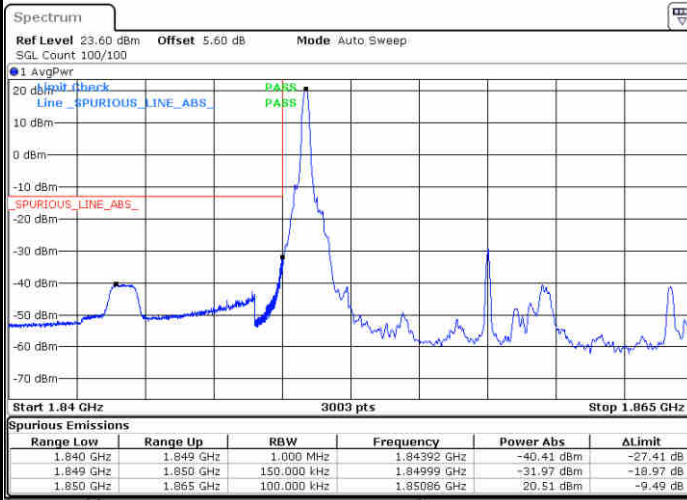


Date: 22.OCT.2019 01:31:45



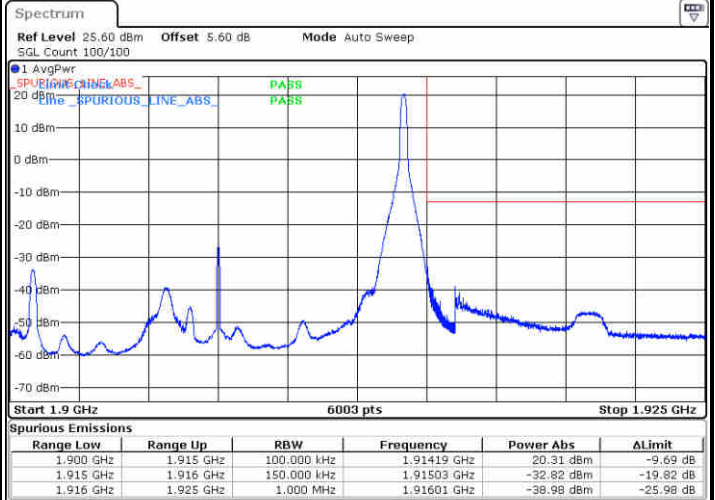
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB



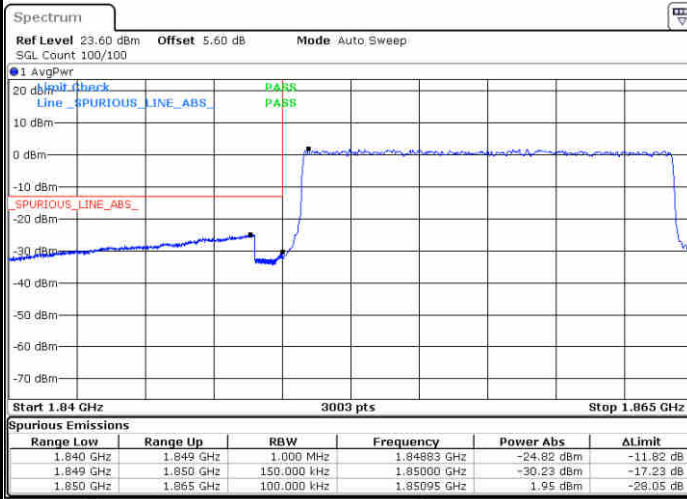
Date: 22.OCT.2019 01:45:36

Highest Band Edge / 1 RB



Date: 22.OCT.2019 01:59:47

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:44:28

Highest Band Edge / Full RB

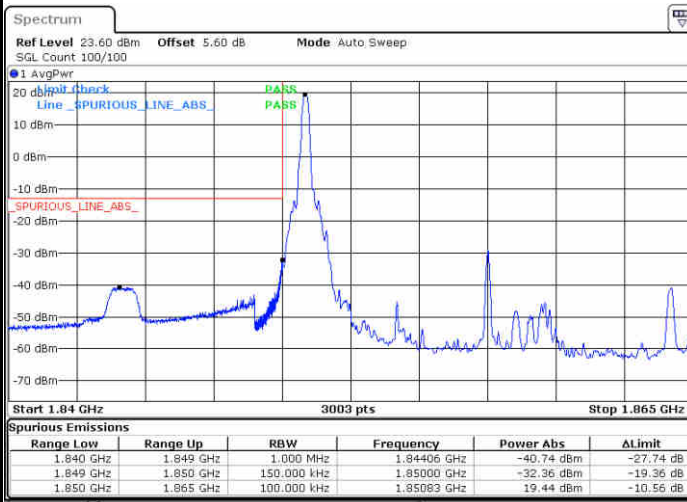


Date: 22.OCT.2019 01:58:40



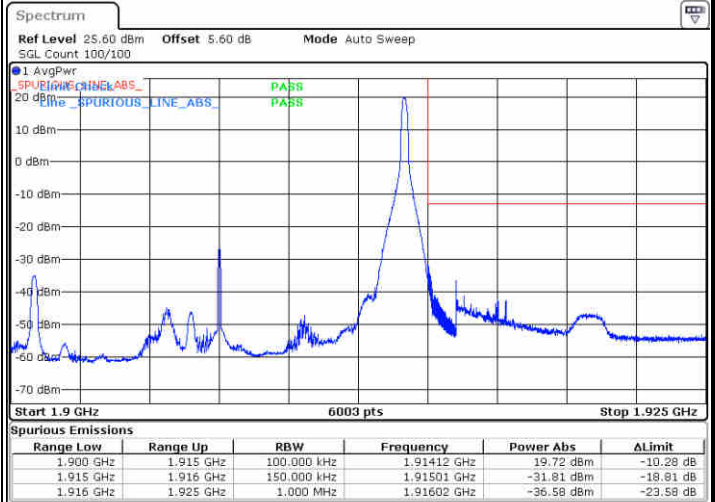
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



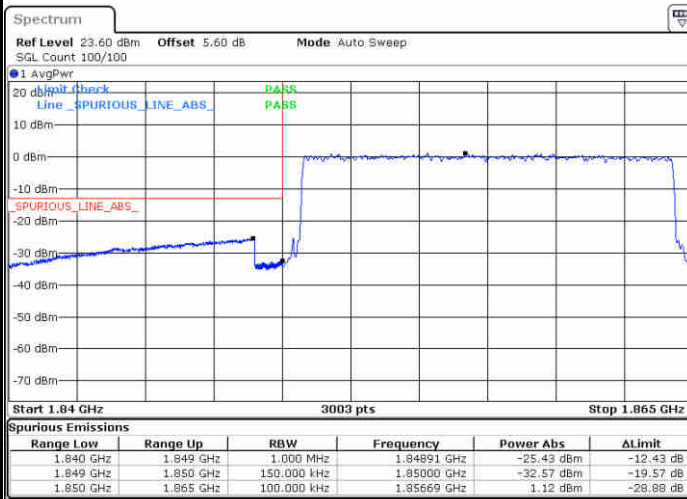
Date: 22.OCT.2019 01:46:43

Highest Band Edge / 1 RB



Date: 22.OCT.2019 02:00:55

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:43:21

Highest Band Edge / Full RB

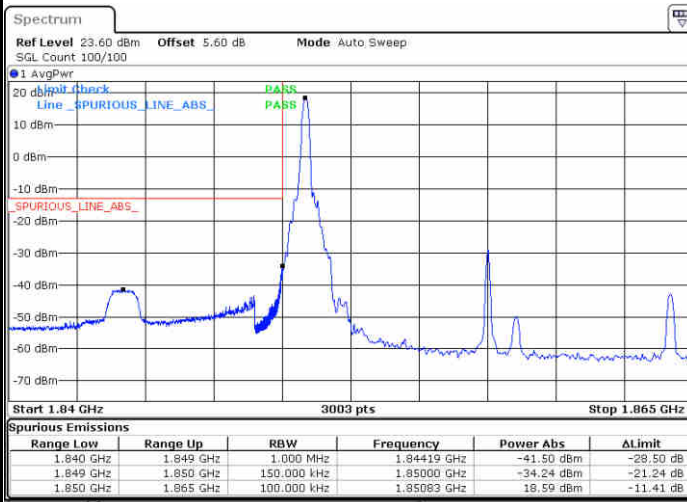


Date: 22.OCT.2019 01:57:32



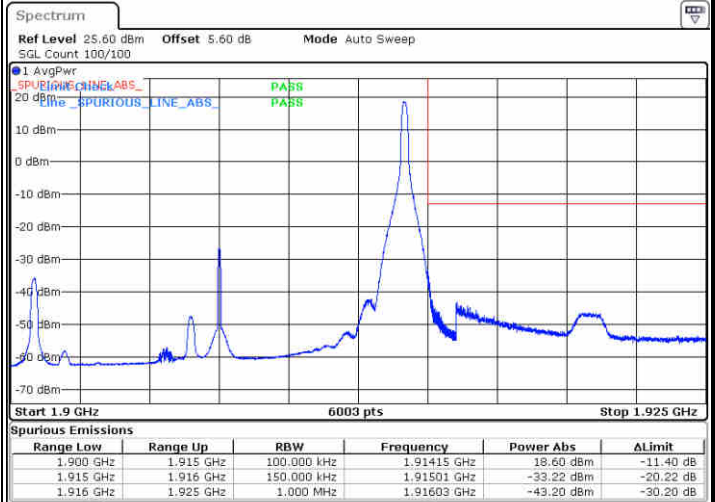
LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



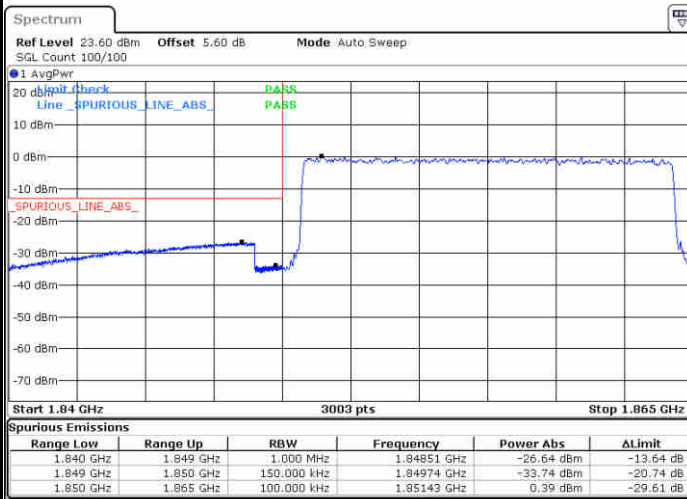
Date: 22.OCT.2019 01:47:51

Highest Band Edge / 1 RB



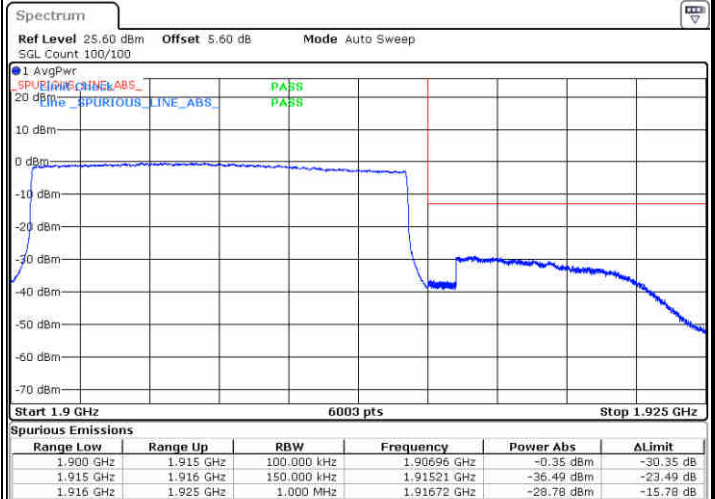
Date: 22.OCT.2019 02:02:02

Lowest Band Edge / Full RB



Date: 22.OCT.2019 01:42:13

Highest Band Edge / Full RB

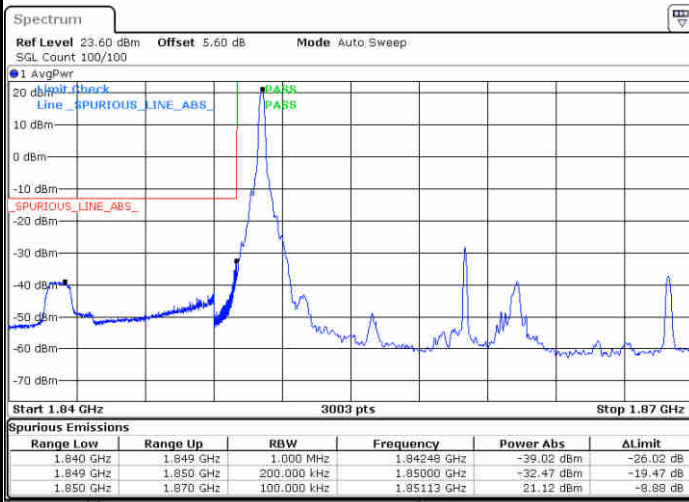


Date: 22.OCT.2019 01:56:25



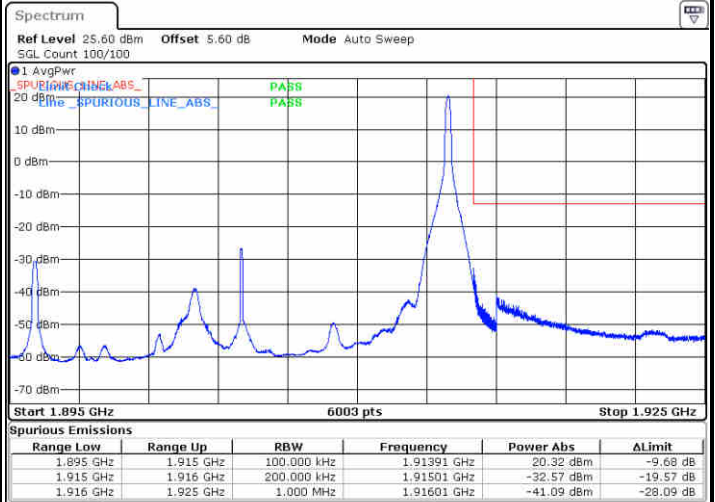
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



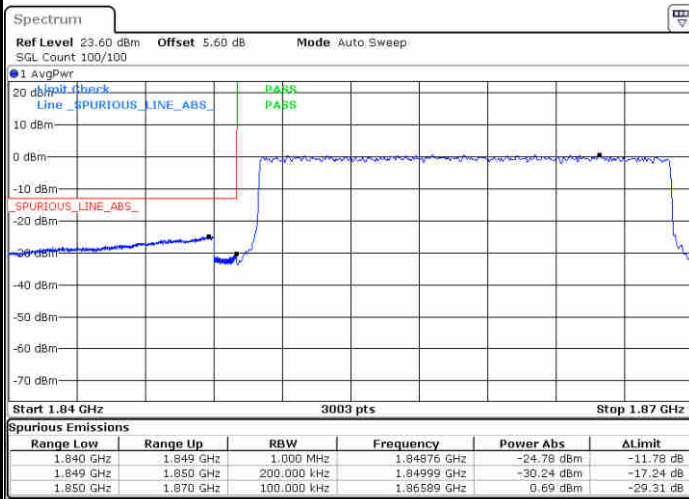
Date: 22.OCT.2019 02:10:16

Highest Band Edge / 1 RB



Date: 22.OCT.2019 02:24:28

Lowest Band Edge / Full RB



Date: 22.OCT.2019 02:09:08

Highest Band Edge / Full RB

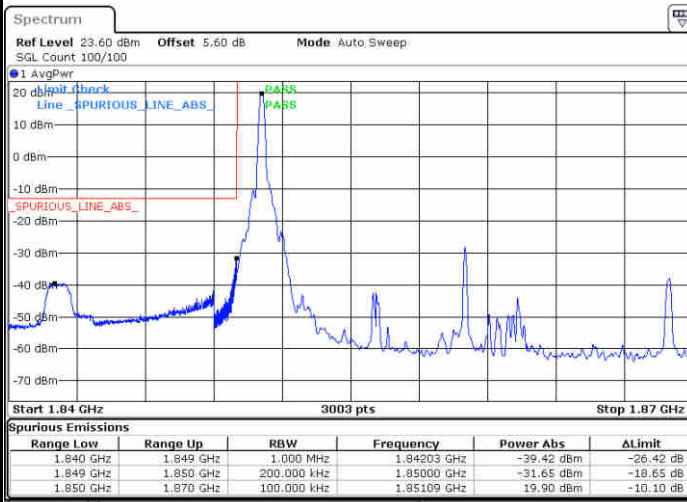


Date: 22.OCT.2019 02:23:20



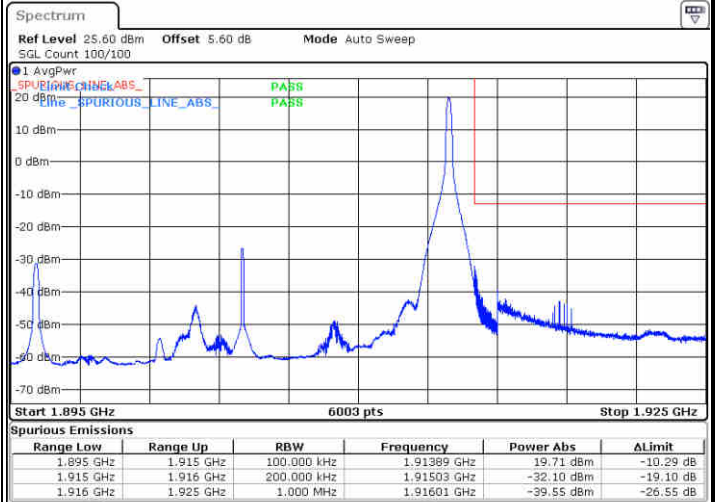
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



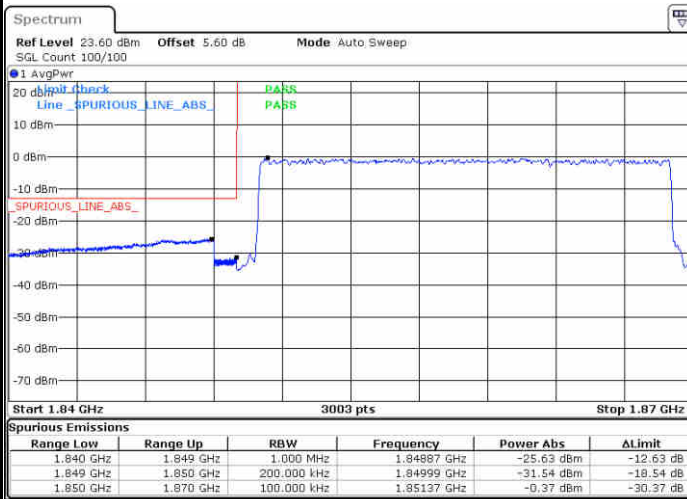
Date: 22.OCT.2019 02:11:23

Highest Band Edge / 1 RB



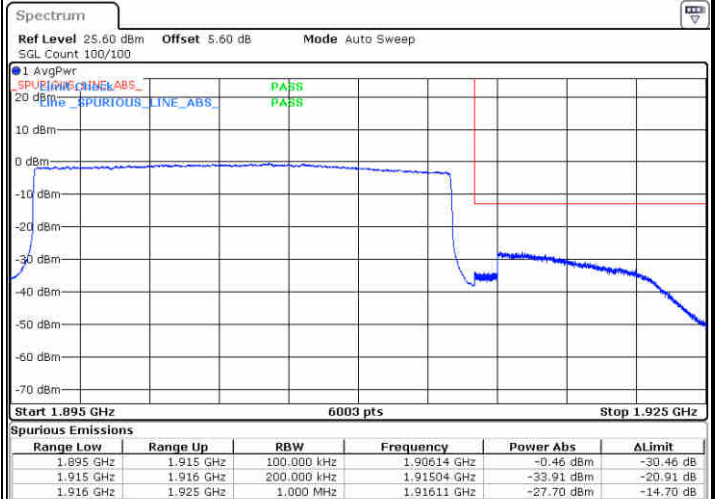
Date: 22.OCT.2019 02:25:35

Lowest Band Edge / Full RB



Date: 22.OCT.2019 02:08:01

Highest Band Edge / Full RB

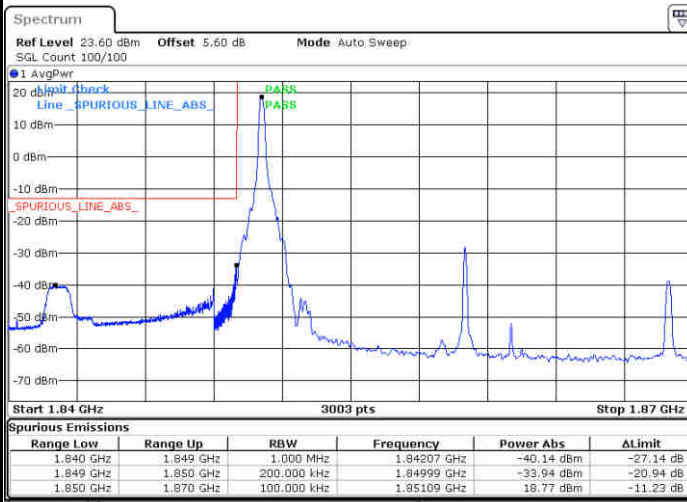


Date: 22.OCT.2019 02:22:13



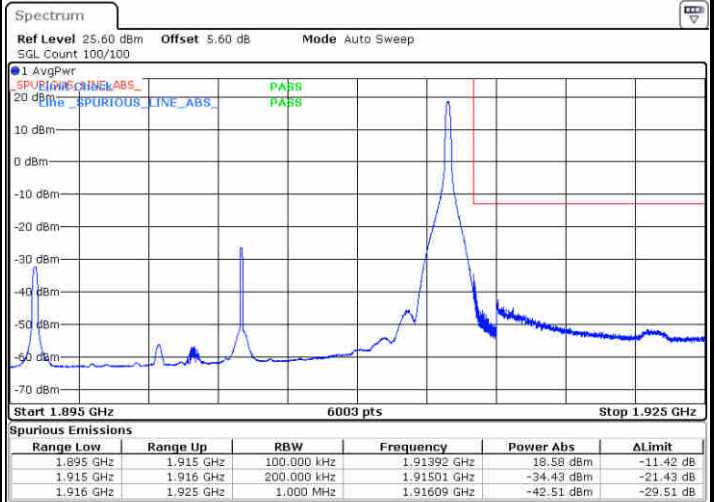
LTE Band 25 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



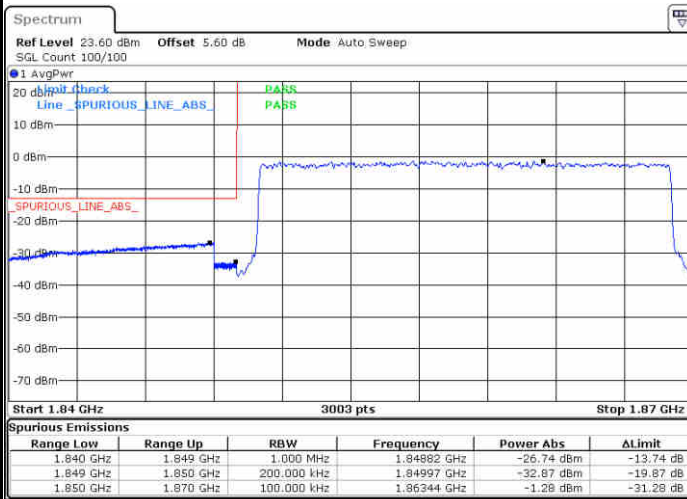
Date: 22.OCT.2019 02:12:30

Highest Band Edge / 1 RB



Date: 22.OCT.2019 02:28:43

Lowest Band Edge / Full RB



Date: 22.OCT.2019 02:06:53

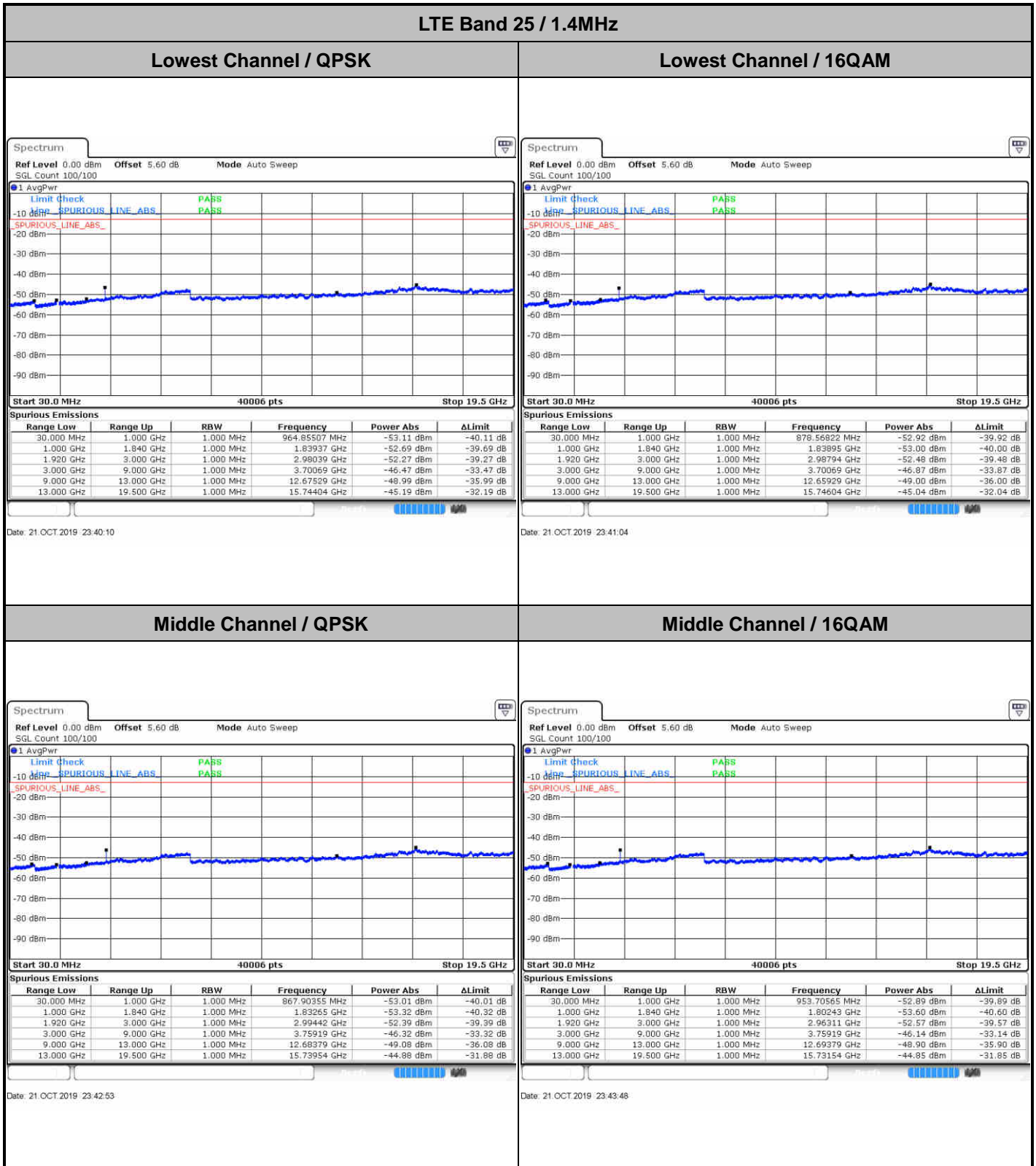
Highest Band Edge / Full RB



Date: 22.OCT.2019 02:21:05



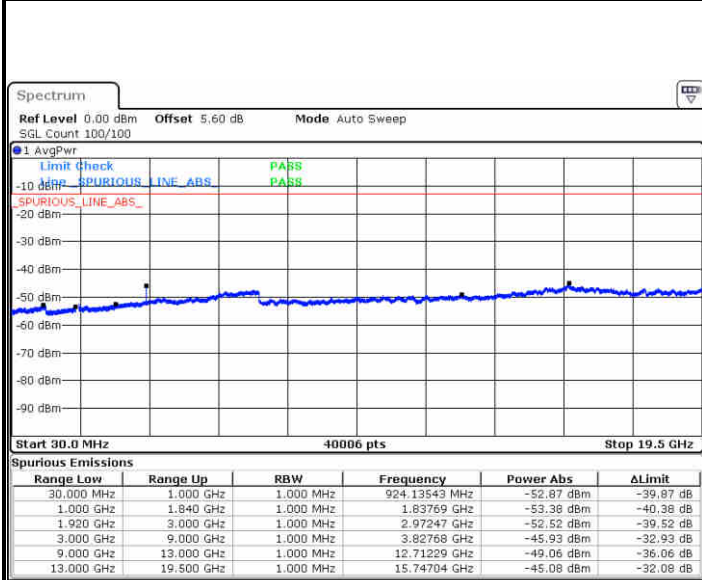
Conducted Spurious Emission





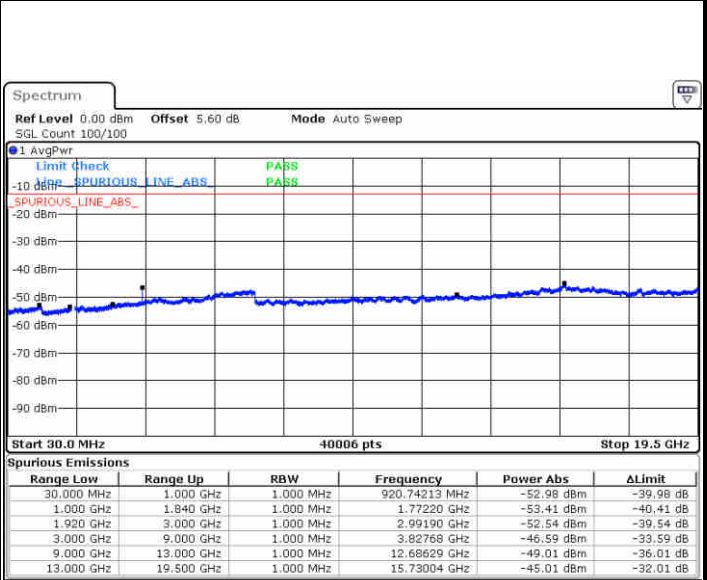
LTE Band 25 / 1.4MHz

Highest Channel / QPSK



Date: 21.OCT.2019 23:45:37

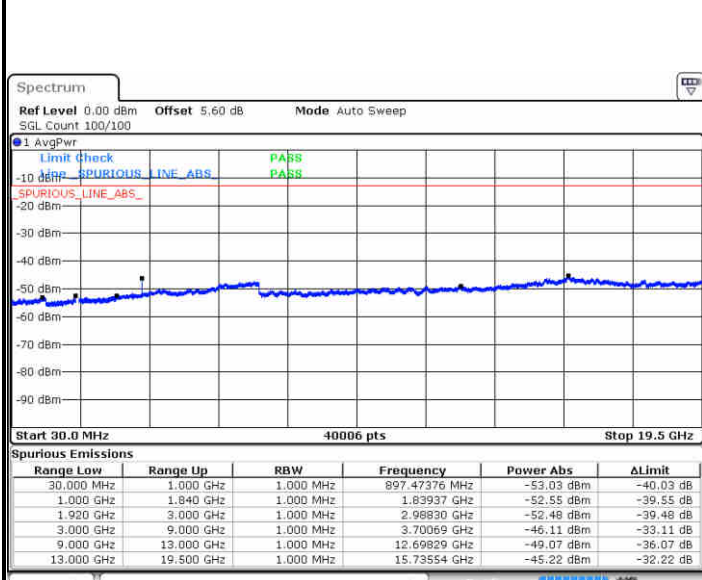
Highest Channel / 16QAM



Date: 21.OCT.2019 23:46:31

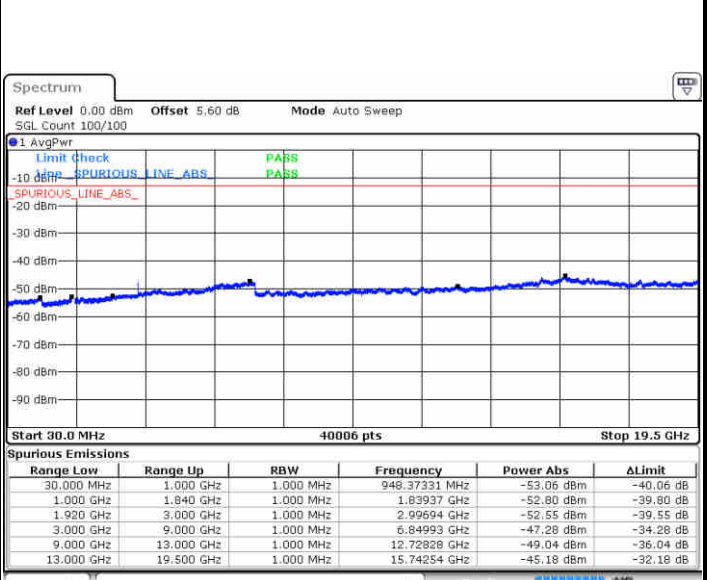
LTE Band 25 / 3MHz

Lowest Channel / QPSK



Date: 22.OCT.2019 00:43:29

Lowest Channel / 16QAM



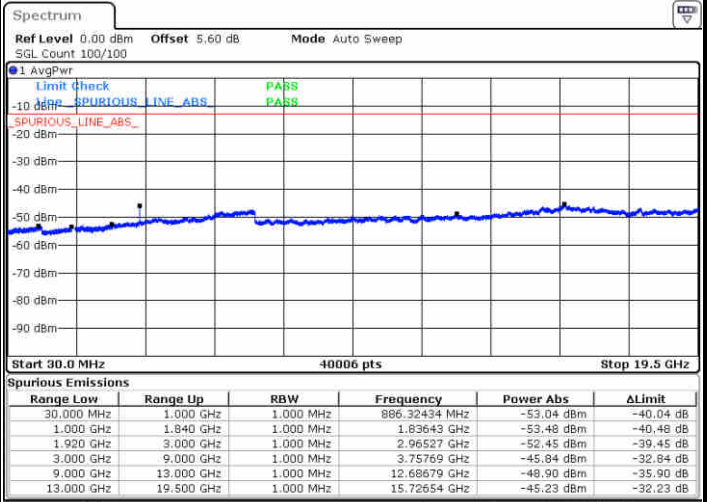
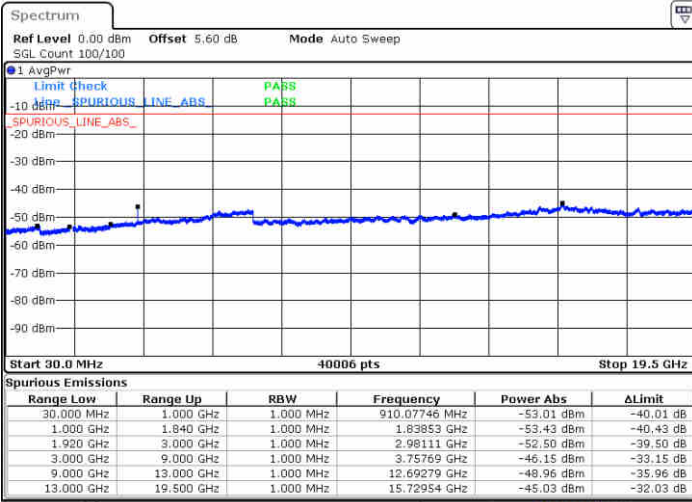
Date: 22.OCT.2019 00:44:24



LTE Band 25 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

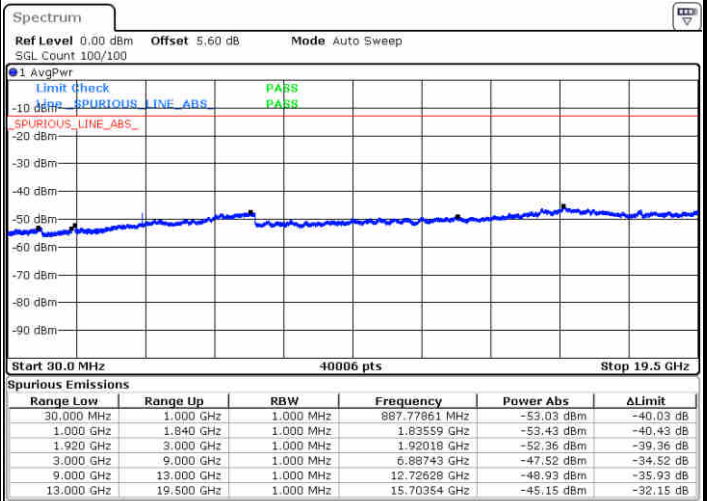
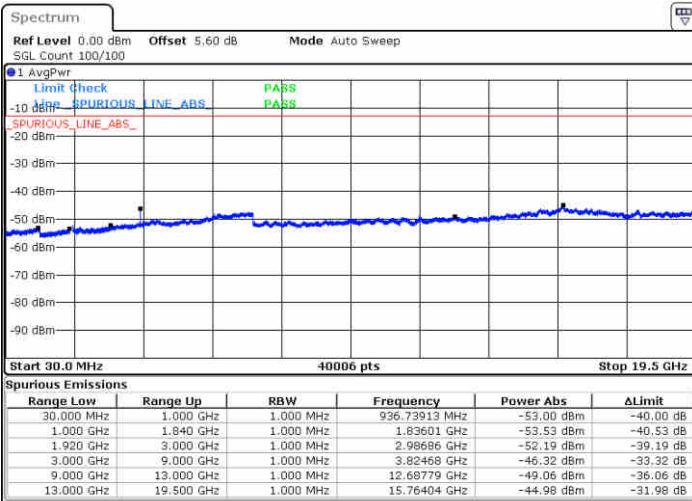


Date: 22.OCT.2019 00:46:13

Date: 22.OCT.2019 00:47:07

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22.OCT.2019 00:48:56

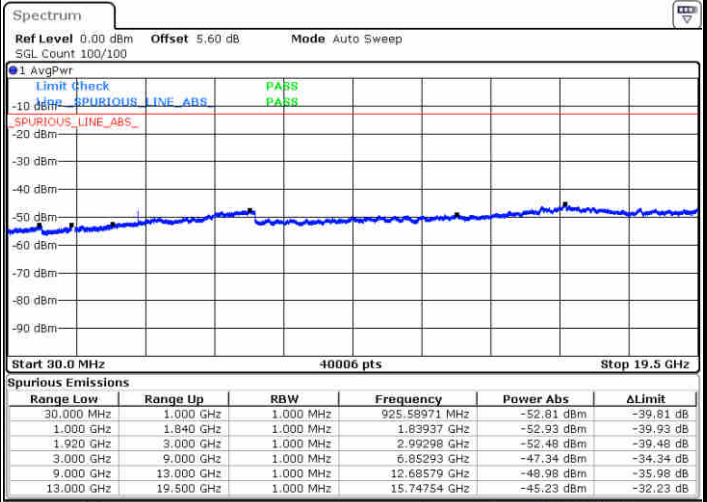
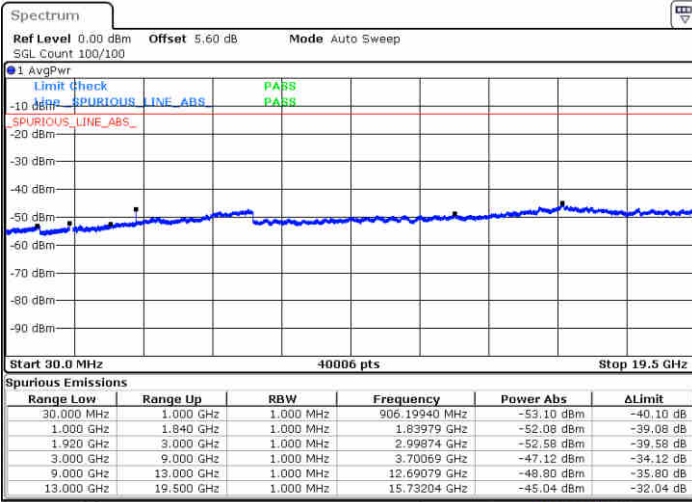
Date: 22.OCT.2019 00:49:51



LTE Band 25 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

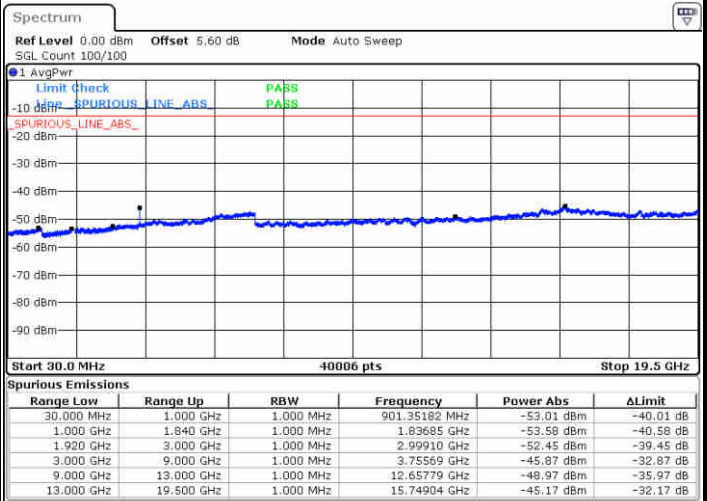
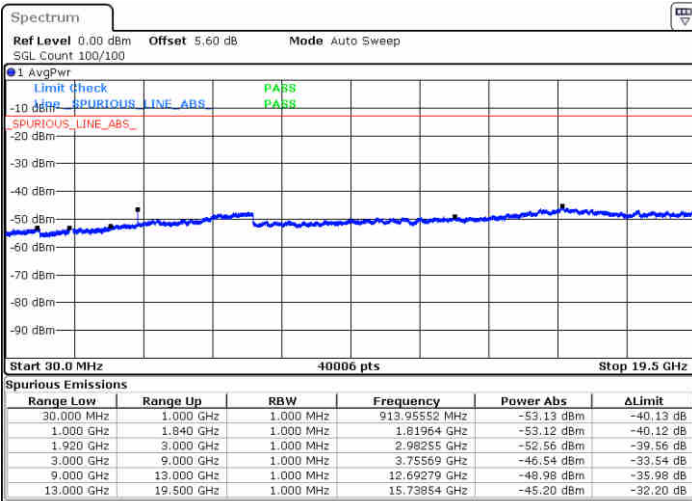


Date: 22.OCT.2019 01:01:14

Date: 22.OCT.2019 01:00:19

Middle Channel / QPSK

Middle Channel / 16QAM



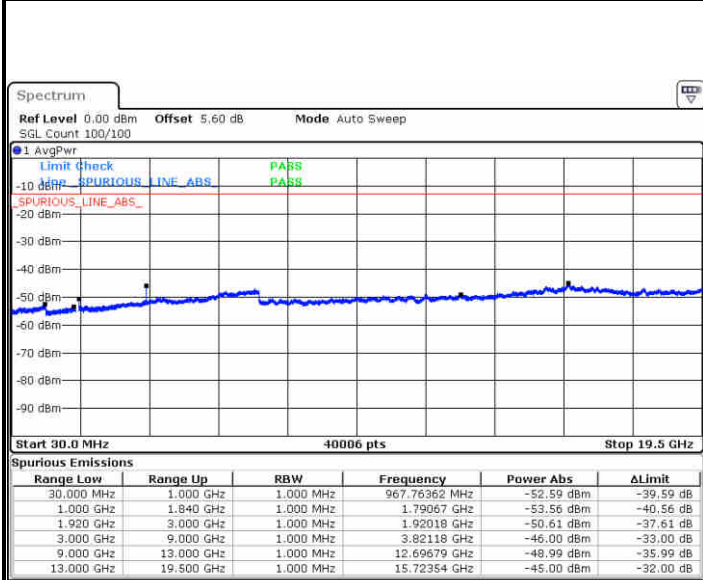
Date: 22.OCT.2019 01:02:08

Date: 22.OCT.2019 01:03:03



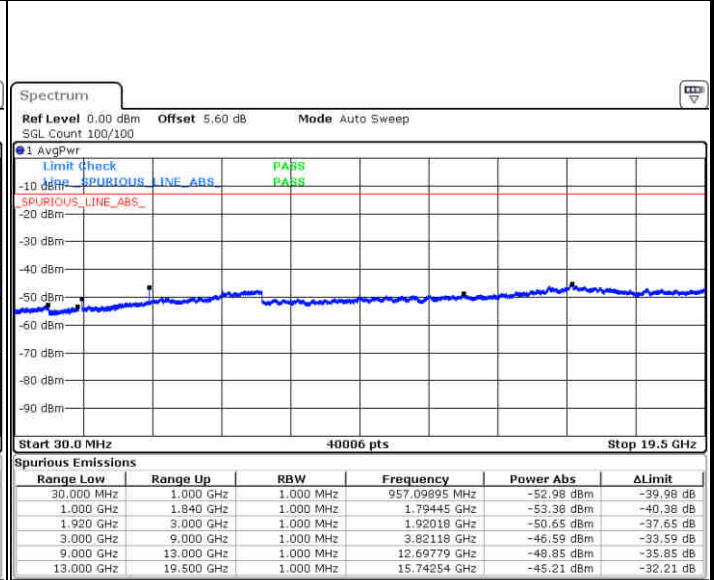
LTE Band 25 / 5MHz

Highest Channel / QPSK



Date: 22.OCT.2019 01:15:25

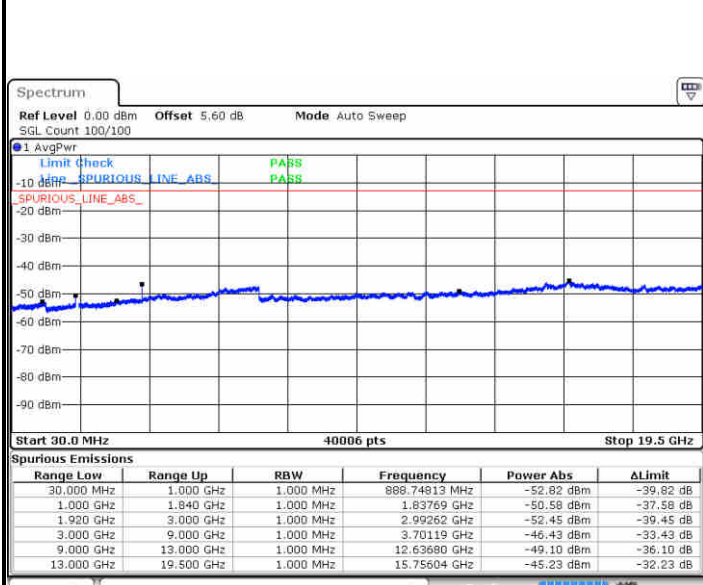
Highest Channel / 16QAM



Date: 22.OCT.2019 01:14:31

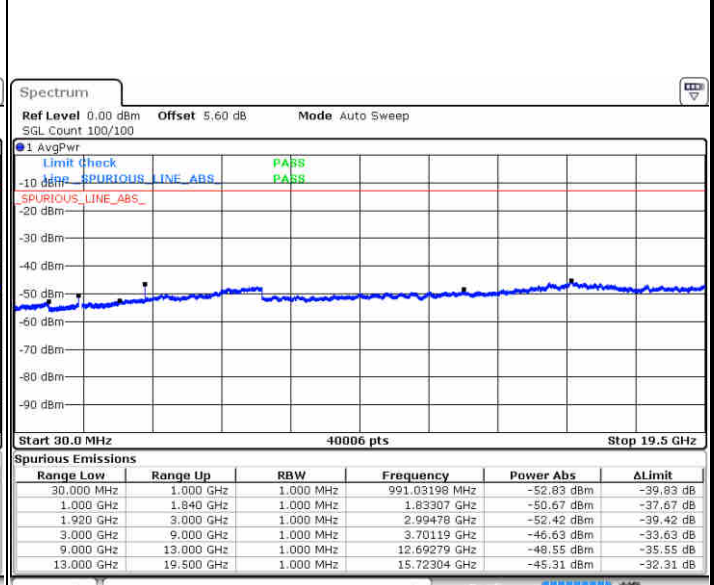
LTE Band 25 / 10MHz

Lowest Channel / QPSK



Date: 22.OCT.2019 01:25:53

Lowest Channel / 16QAM



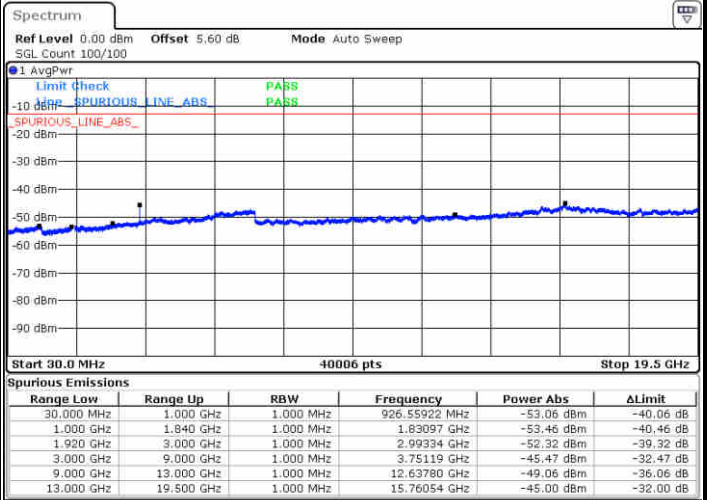
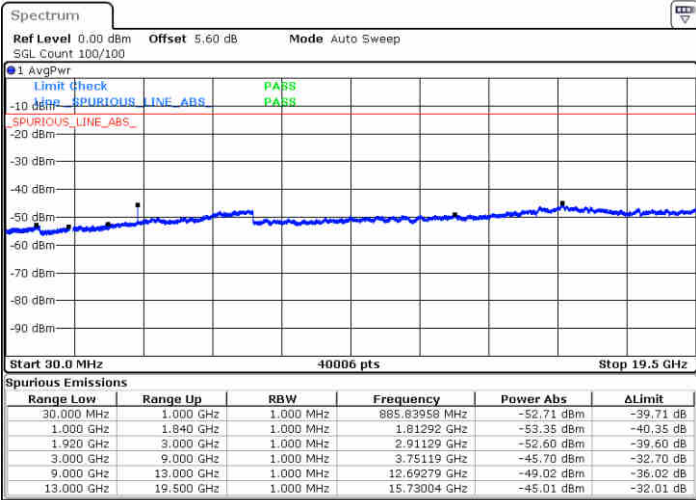
Date: 22.OCT.2019 01:24:59



LTE Band 25 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

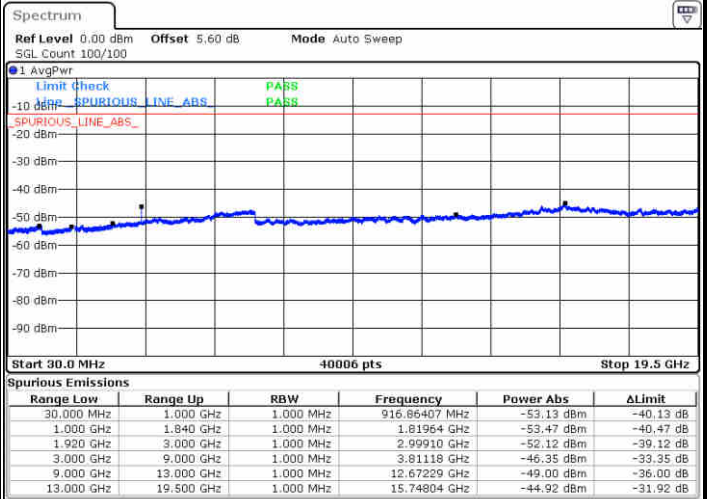
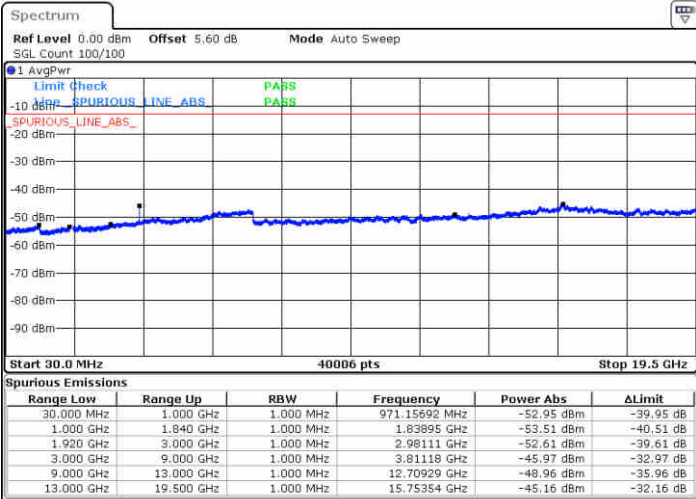


Date: 22.OCT.2019 01:26:48

Date: 22.OCT.2019 01:27:42

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 22.OCT.2019 01:40:05

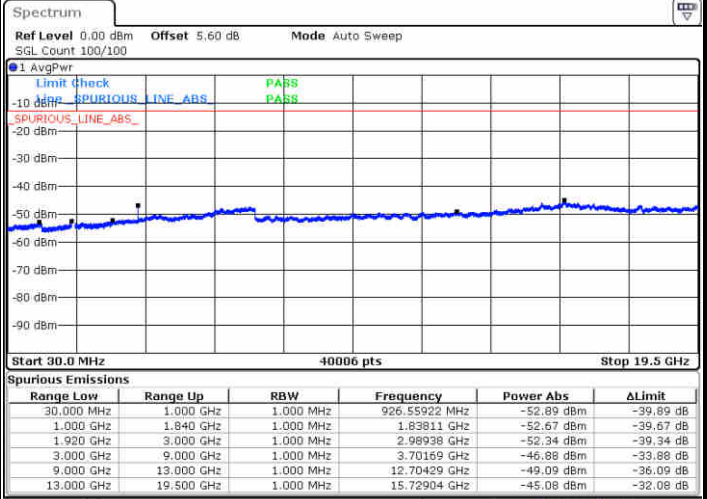
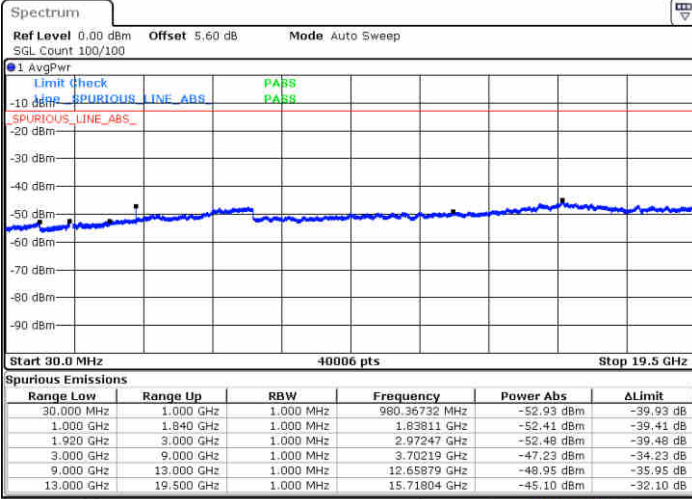
Date: 22.OCT.2019 01:39:11



LTE Band 25 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

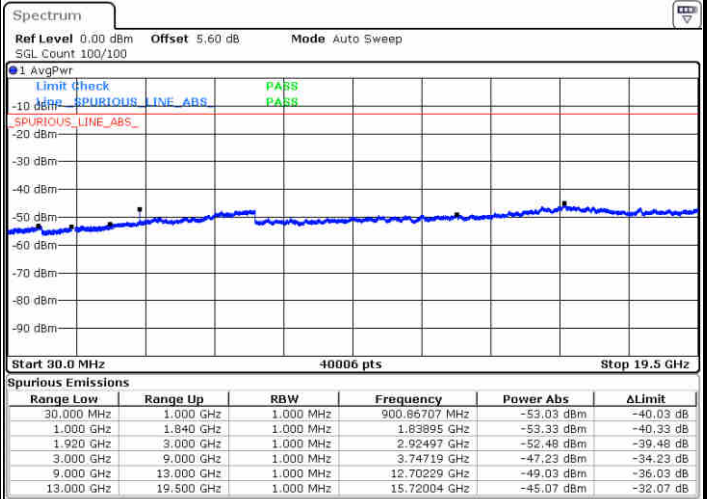
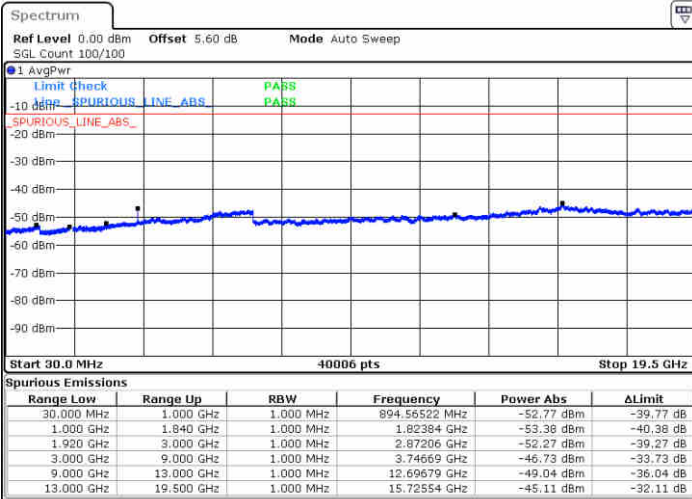


Date: 22.OCT.2019 01:50:33

Date: 22.OCT.2019 01:49:38

Middle Channel / QPSK

Middle Channel / 16QAM



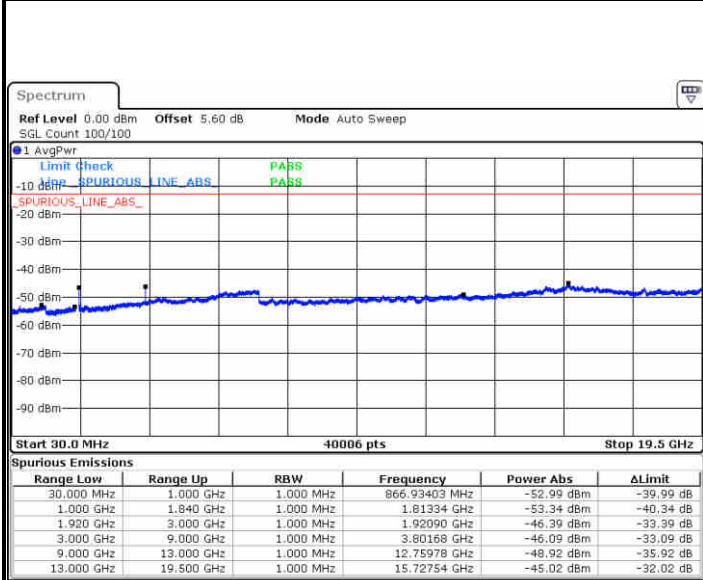
Date: 22.OCT.2019 01:51:27

Date: 22.OCT.2019 01:52:22



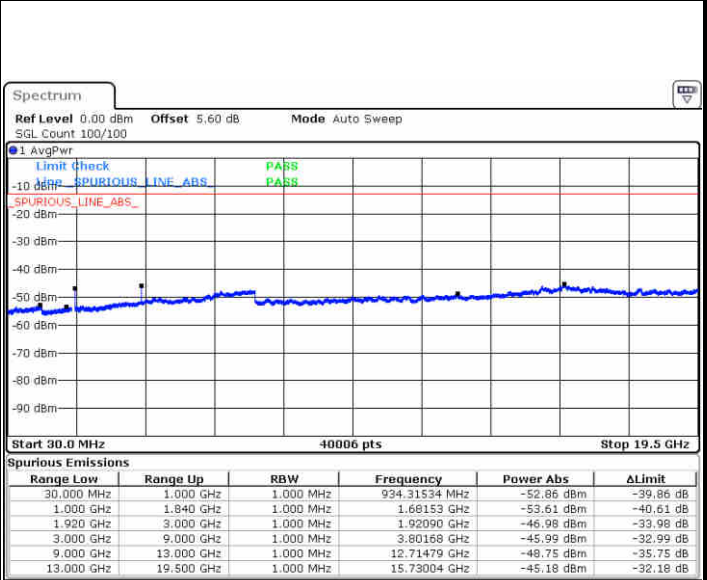
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 22.OCT.2019 02:04:45

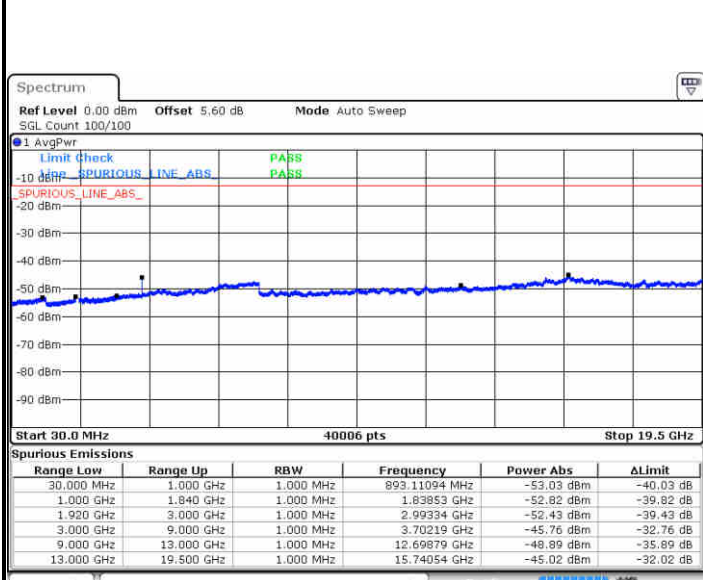
Highest Channel / 16QAM



Date: 22.OCT.2019 02:03:50

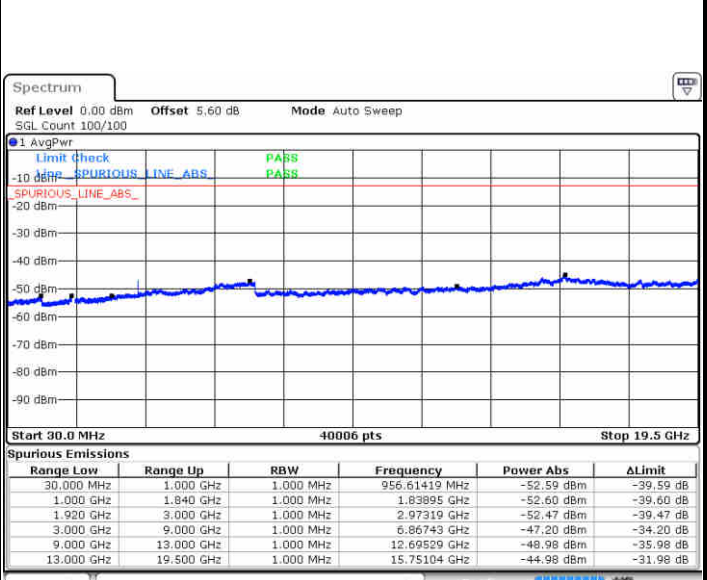
LTE Band 25 / 20MHz

Lowest Channel / QPSK



Date: 22.OCT.2019 02:15:13

Lowest Channel / 16QAM



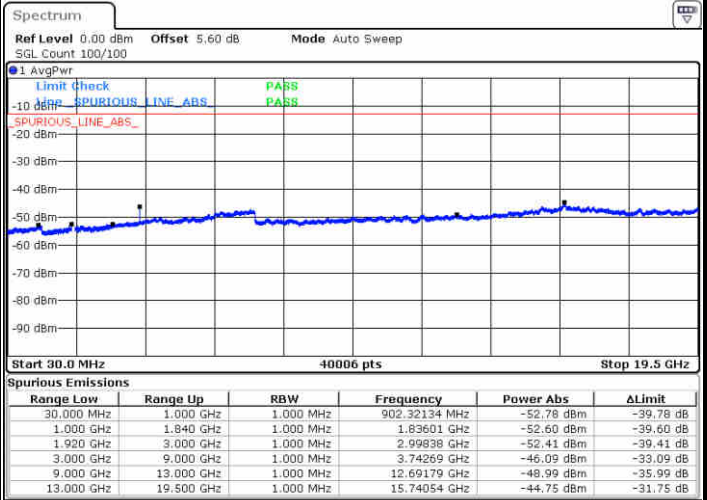
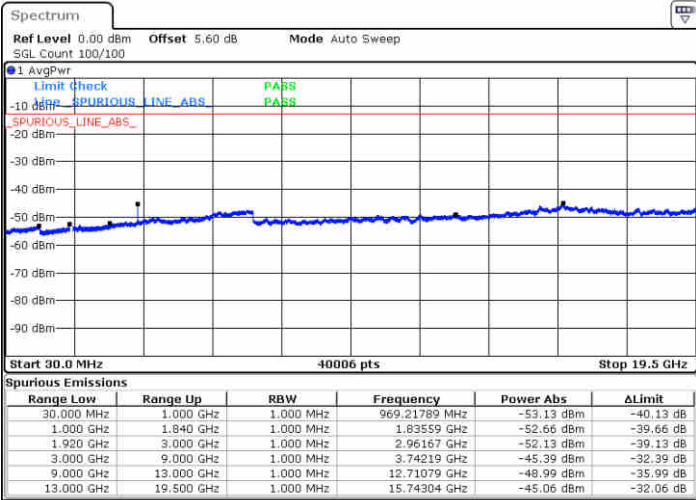
Date: 22.OCT.2019 02:14:18



LTE Band 25 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

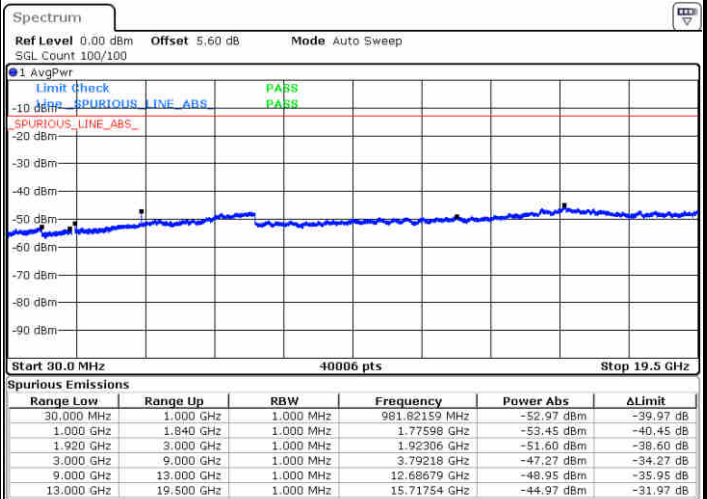
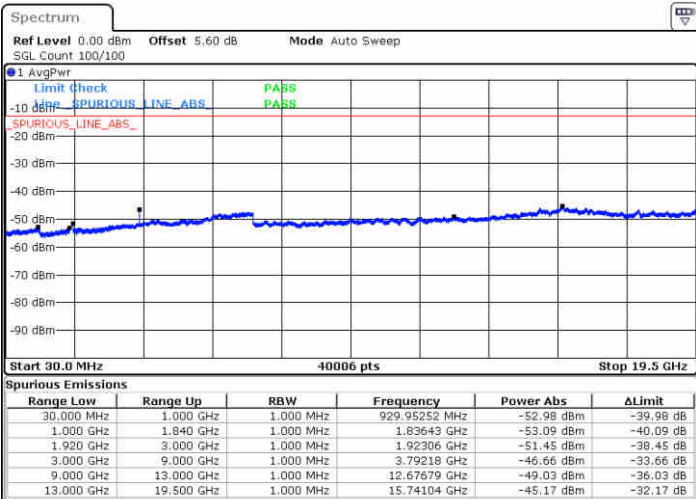


Date: 22.OCT.2019 02:16:08

Date: 22.OCT.2019 02:17:02

Highest Channel / QPSK

Highest Channel / 16QAM



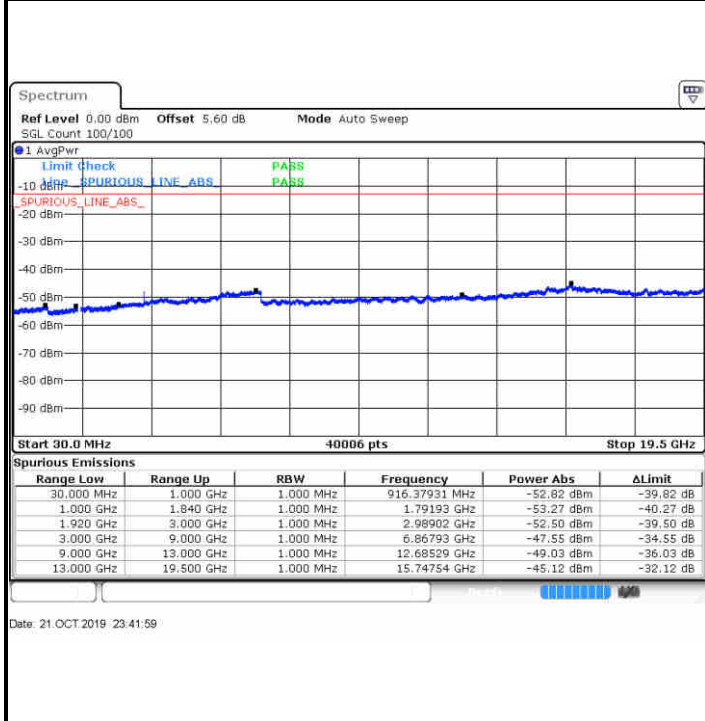
Date: 22.OCT.2019 02:29:25

Date: 22.OCT.2019 02:28:31

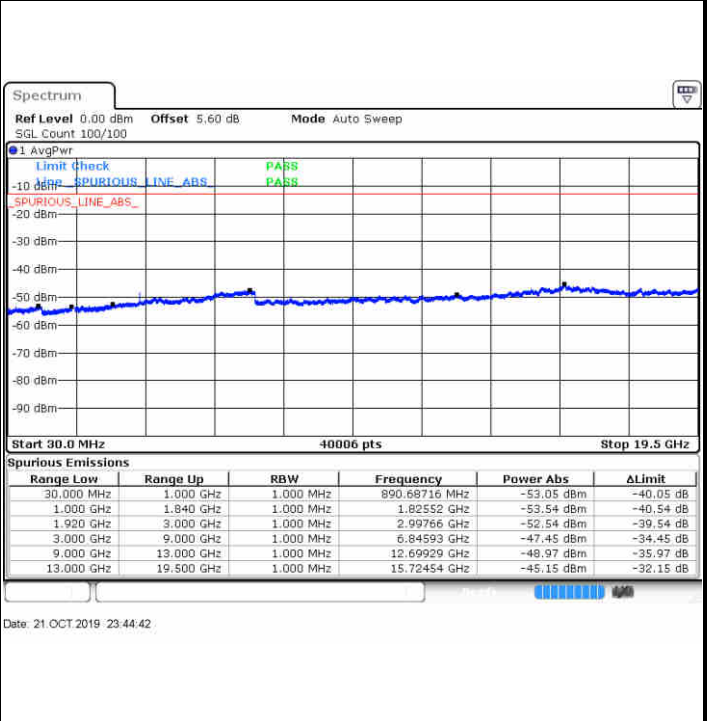


LTE Band 25 / 1.4MHz

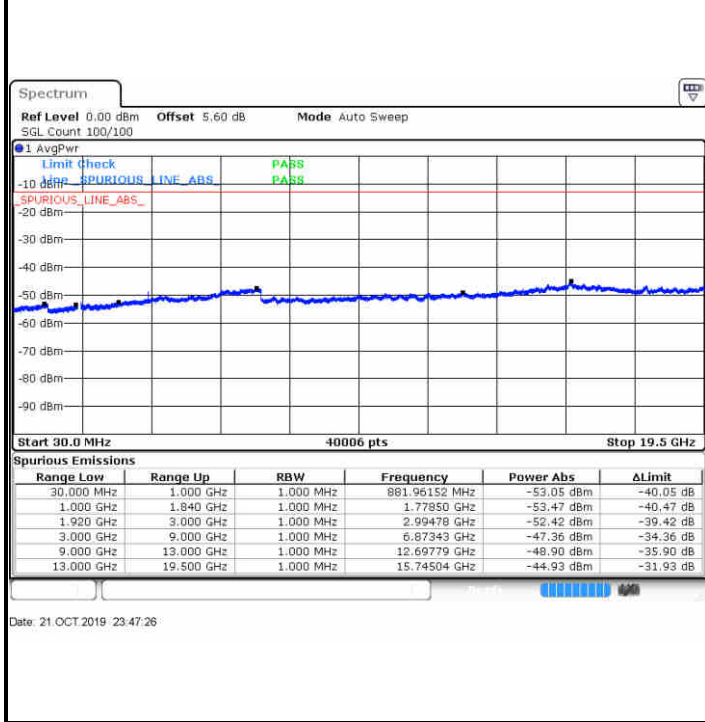
Lowest Channel / 64QAM



Middle Channel / 64QAM



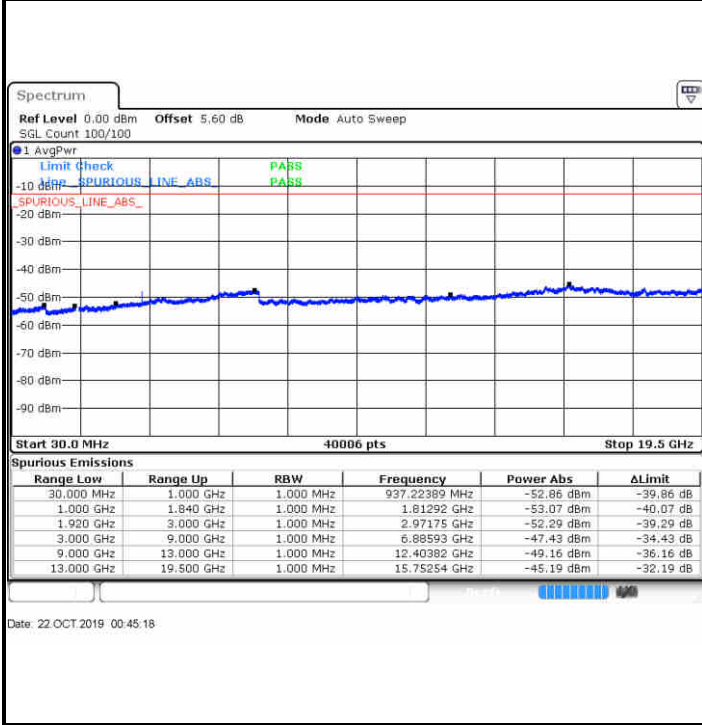
Highest Channel / 64QAM





LTE Band 25 / 3MHz

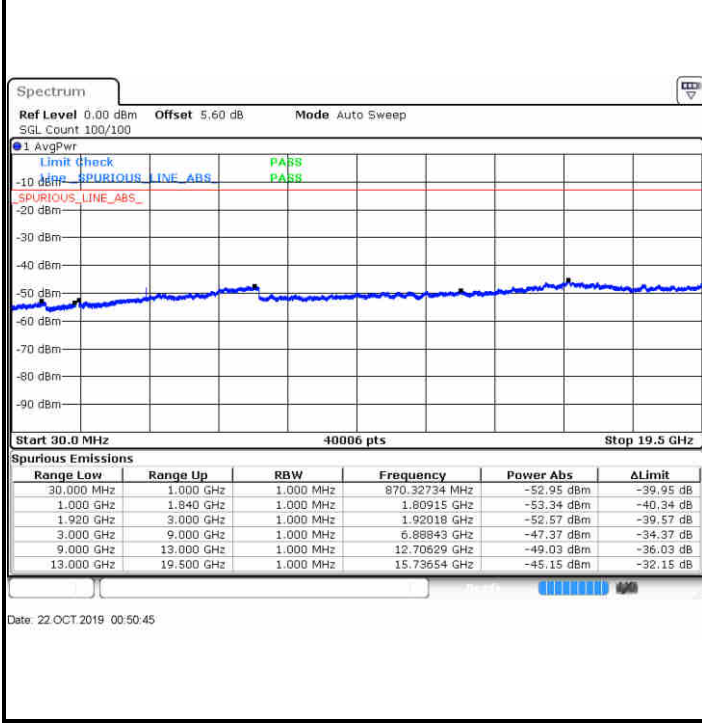
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM



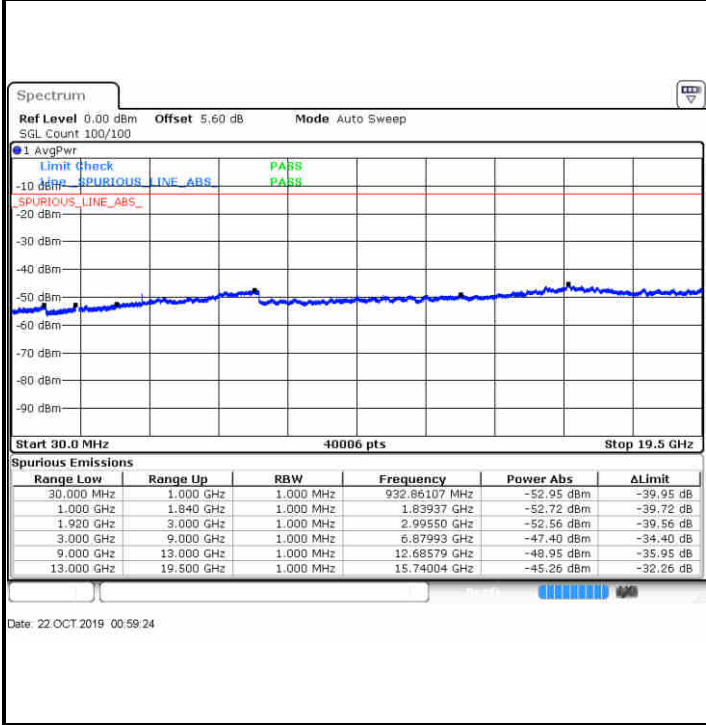
Highest Channel / 64QAM



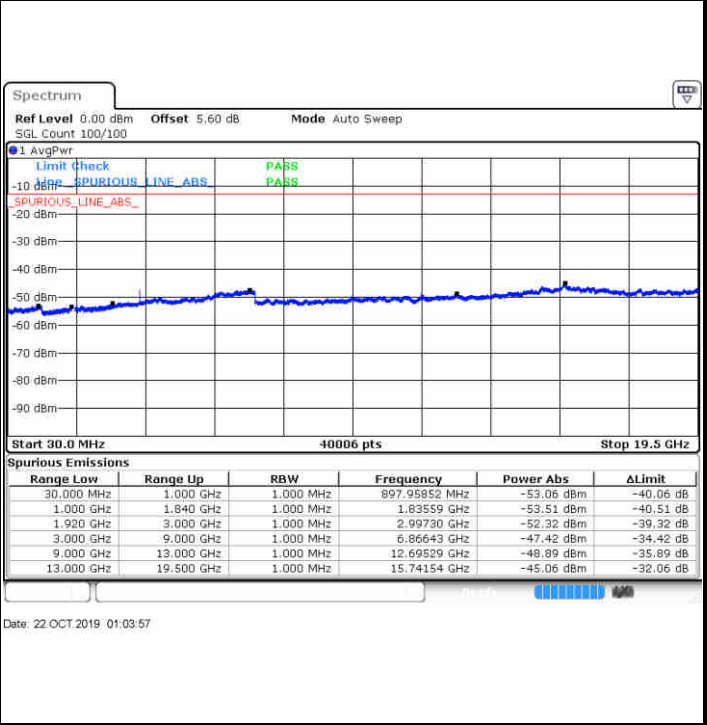


LTE Band 25 / 5MHz

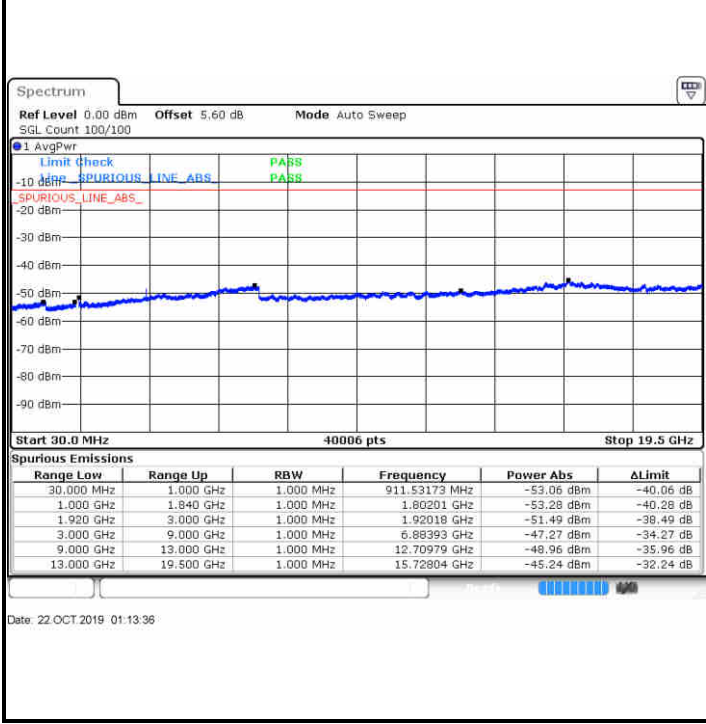
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM



Highest Channel / 64QAM

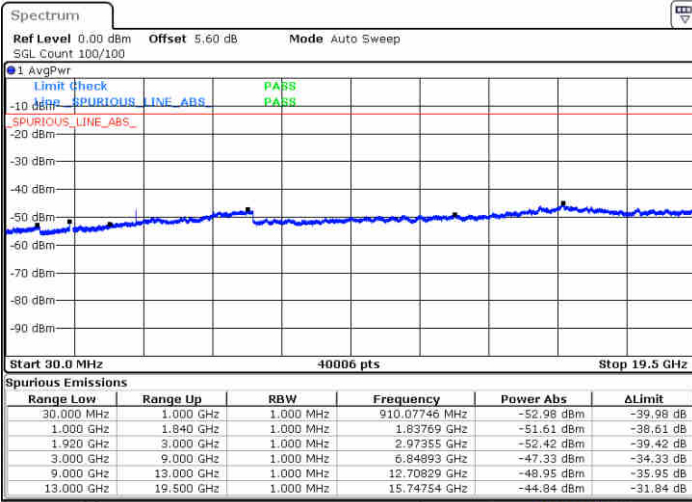




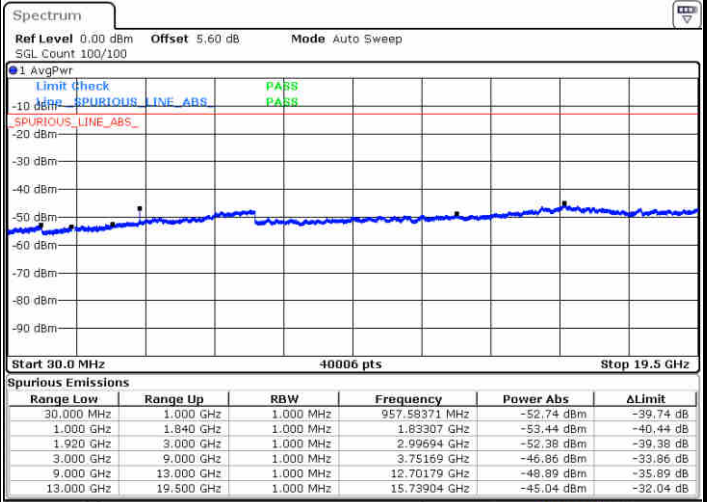
LTE Band 25 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

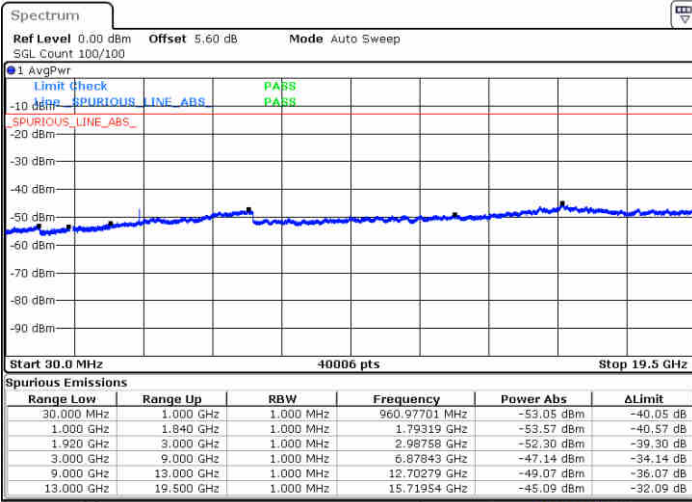


Date: 22.OCT.2019 01:24:04



Date: 22.OCT.2019 01:28:37

Highest Channel / 64QAM



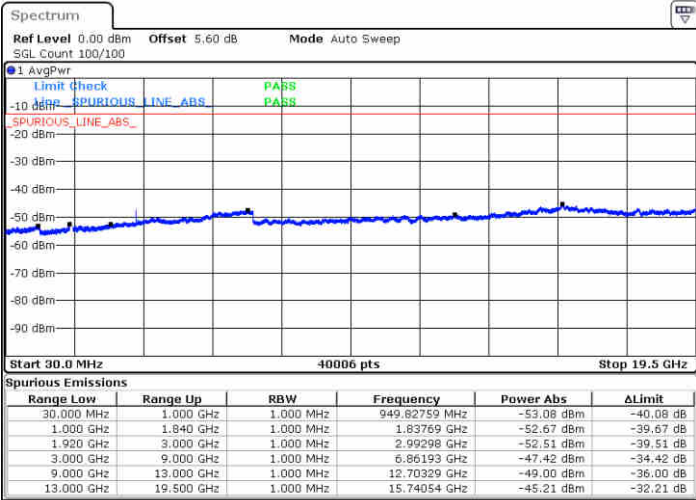
Date: 22.OCT.2019 01:38:16



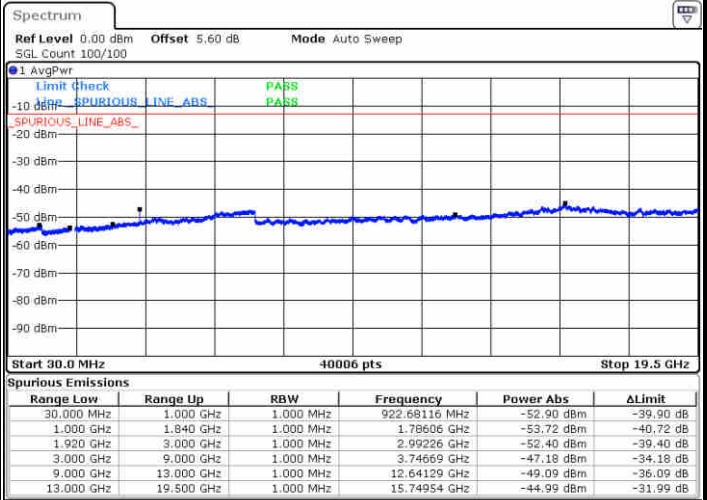
LTE Band 25 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

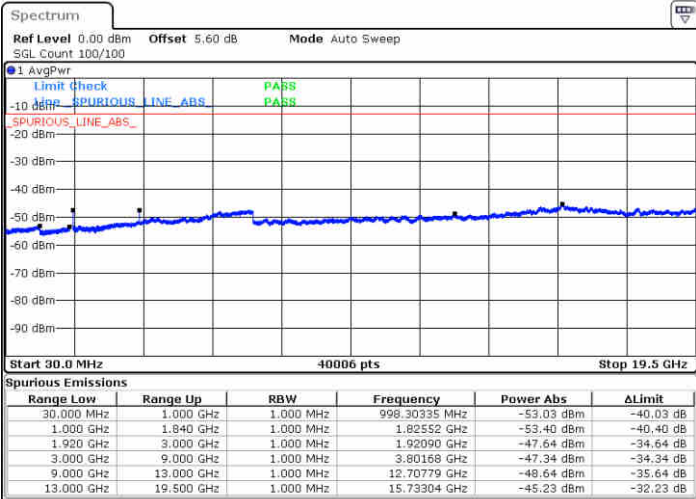


Date: 22.OCT.2019 01:48:44



Date: 22.OCT.2019 01:53:16

Highest Channel / 64QAM



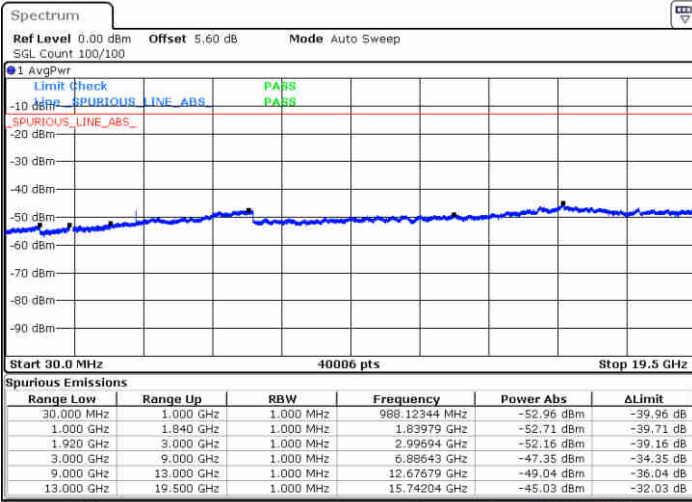
Date: 22.OCT.2019 02:02:56



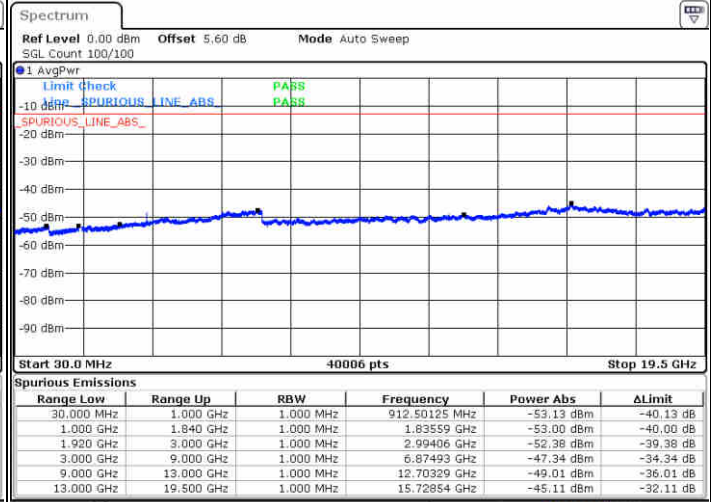
LTE Band 25 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

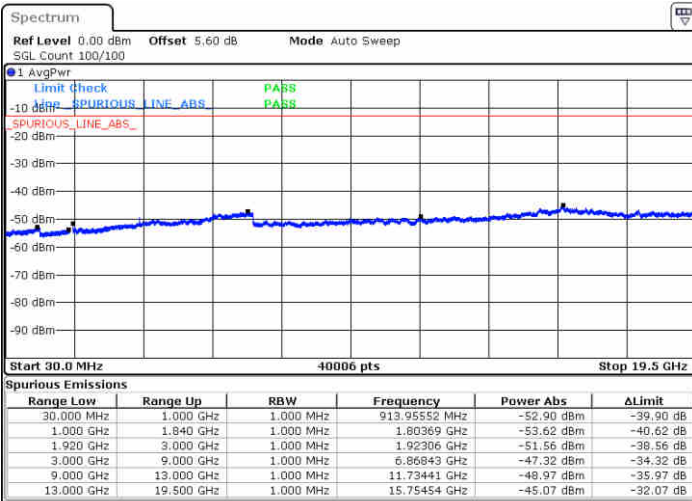


Date: 22.OCT.2019 02:13:24



Date: 22.OCT.2019 02:17:57

Highest Channel / 64QAM



Date: 22.OCT.2019 02:27:36



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	0.0030	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26

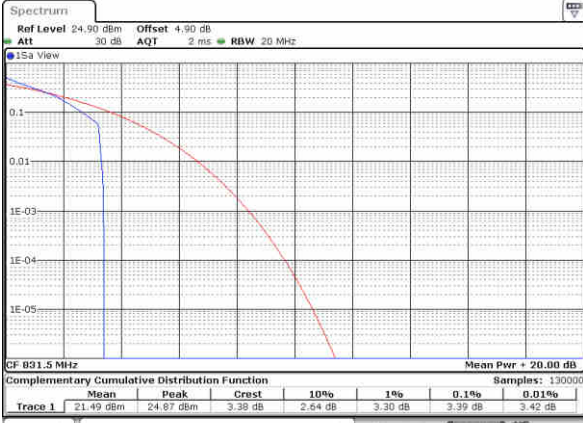
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.39	4.64	4.61	5.83	PASS
Middle CH	3.39	4.58	4.84	5.86	
Highest CH	3.57	4.70	5.16	5.91	
Mod.	64QAM		Limit: 13dB		
RB Size	1RB	Full RB	Result		
Lowest CH	6.32	6.35	PASS		
Middle CH	6.38	6.52			
Highest CH	6.78	6.38			



LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



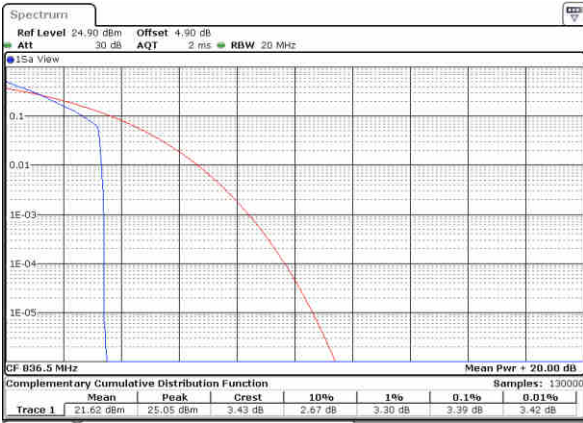
Date: 21 OCT 2019 22:35:27

Lowest Channel / Full RB



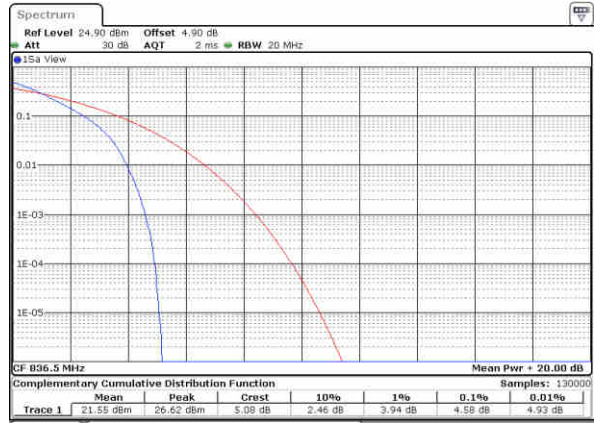
Date: 21 OCT 2019 22:36:56

Middle Channel / 1RB



Date: 21 OCT 2019 22:38:15

Middle Channel / Full RB



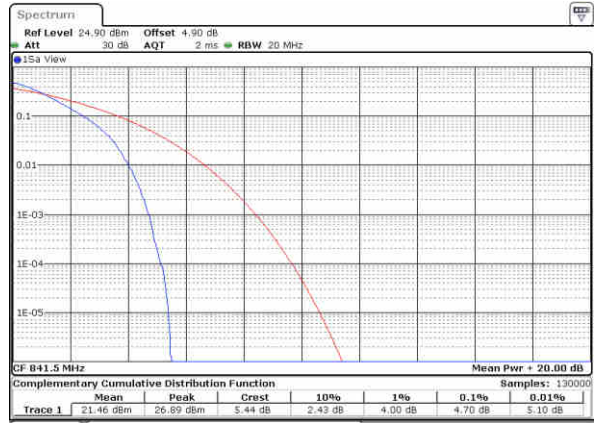
Date: 21 OCT 2019 22:37:45

Highest Channel / 1RB



Date: 21 OCT 2019 22:38:25

Highest Channel / Full RB



Date: 21 OCT 2019 22:37:54



LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



Date: 21 OCT 2019 22:35:37

Lowest Channel / Full RB



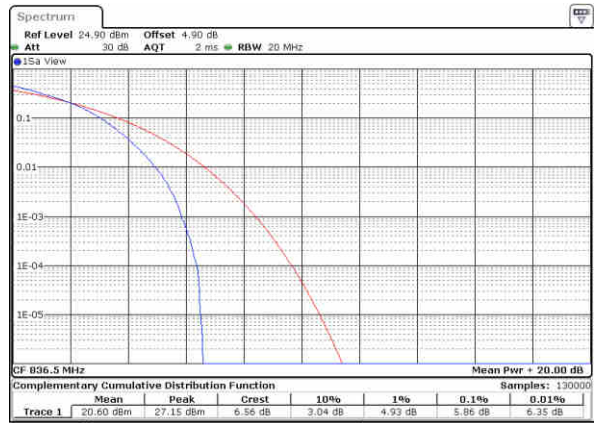
Date: 21 OCT 2019 22:37:07

Middle Channel / 1RB



Date: 21 OCT 2019 22:36:06

Middle Channel / Full RB



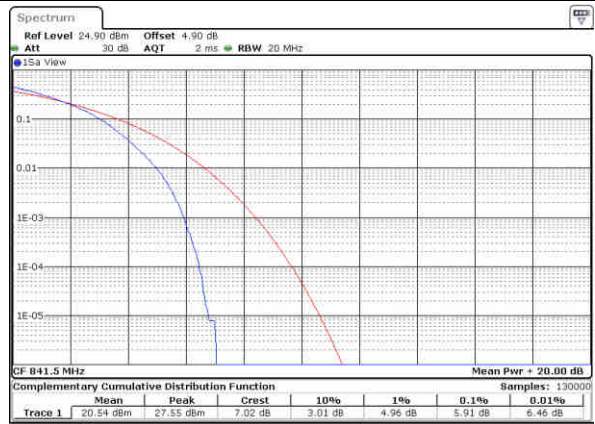
Date: 21 OCT 2019 22:37:35

Highest Channel / 1RB



Date: 21 OCT 2019 22:36:34

Highest Channel / Full RB

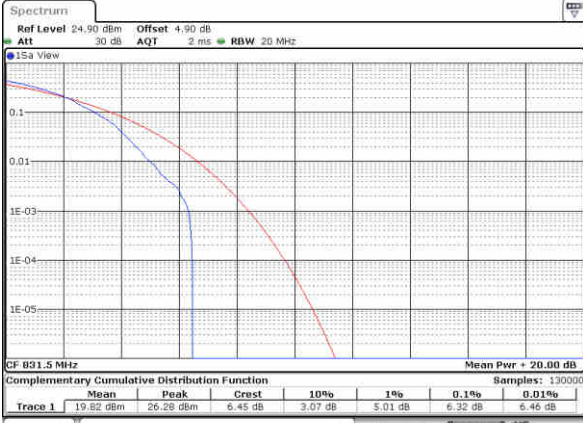


Date: 21 OCT 2019 22:38:03



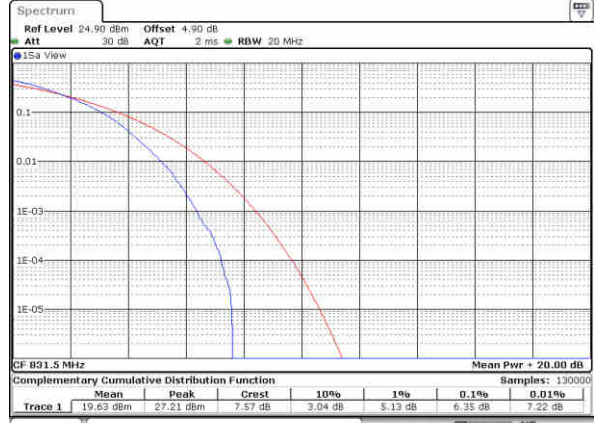
LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



Date: 21 OCT 2019 22:35:46

Lowest Channel / Full RB



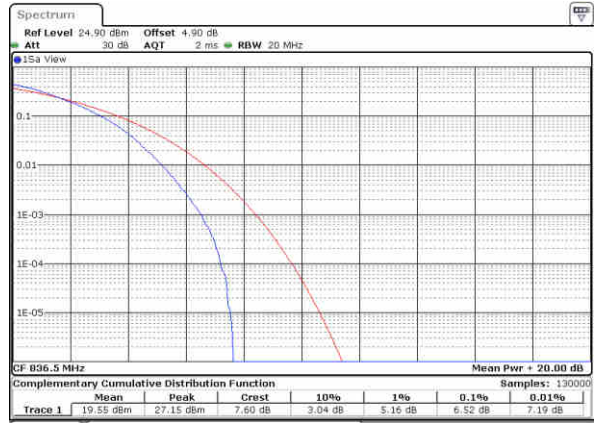
Date: 21 OCT 2019 22:37:17

Middle Channel / 1RB



Date: 21 OCT 2019 22:35:56

Middle Channel / Full RB



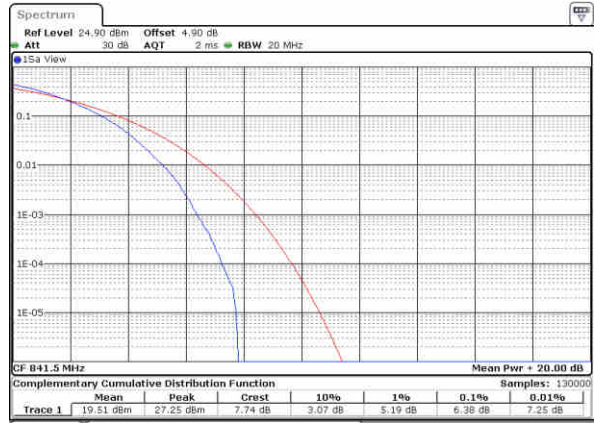
Date: 21 OCT 2019 22:37:26

Highest Channel / 1RB



Date: 21 OCT 2019 22:38:47

Highest Channel / Full RB



Date: 21 OCT 2019 22:38:12



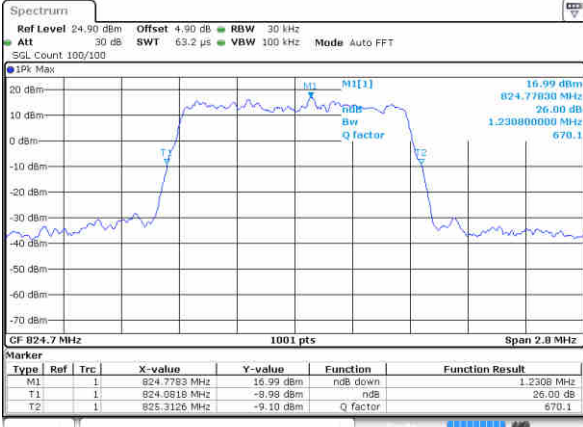
26dB Bandwidth

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.2308	1.228	3.021	3.0569	4.935	4.915	9.81	9.81	14.446	14.595	-	-
Middle CH	1.2224	1.2224	3.039	3.015	4.925	4.925	9.89	9.71	14.386	14.266	-	-
Highest CH	1.2336	1.2224	3.021	3.027	4.915	4.885	9.81	9.77	14.326	14.476	-	-
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz							
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM							
Lowest CH	1.2364	3.009	4.775	9.73	14.416							
Middle CH	1.2224	3.0569	4.865	9.77	14.146							
Highest CH	1.2336	3.045	4.925	9.75	14.476							



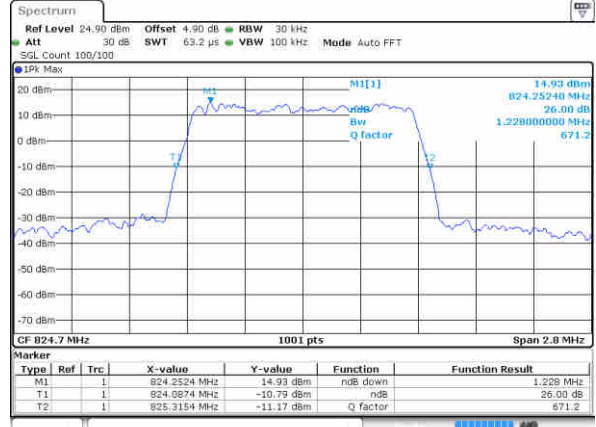
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



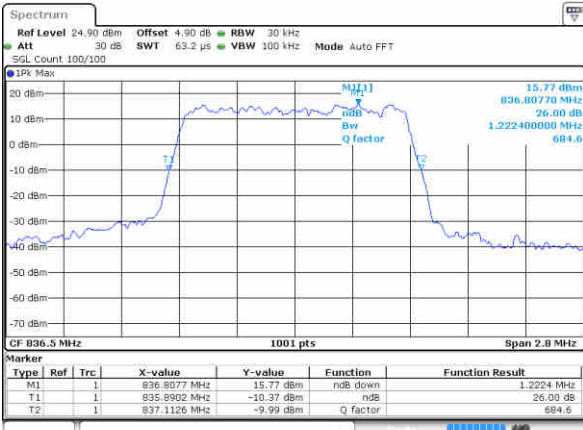
Date: 21 OCT 2019 21:04:17

Lowest Channel / 1.4MHz / 16QAM



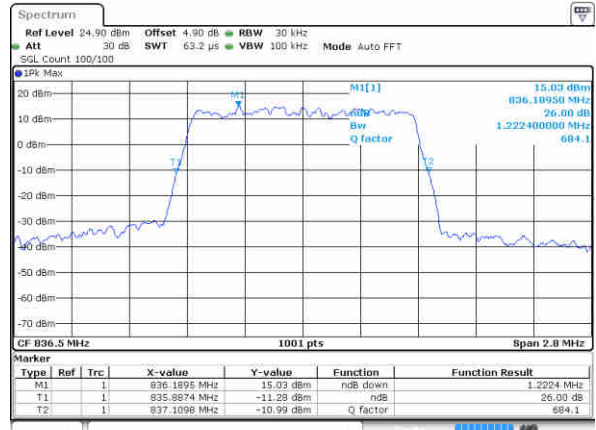
Date: 21 OCT 2019 21:04:37

Middle Channel / 1.4MHz / QPSK



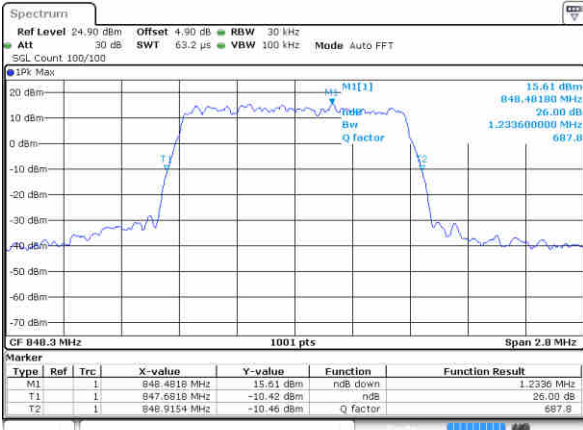
Date: 21 OCT 2019 21:23:26

Middle Channel / 1.4MHz / 16QAM



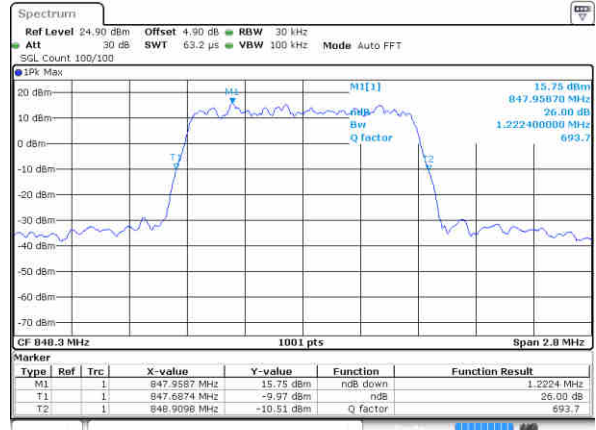
Date: 21 OCT 2019 21:23:08

Highest Channel / 1.4MHz / QPSK



Date: 21 OCT 2019 21:23:46

Highest Channel / 1.4MHz / 16QAM

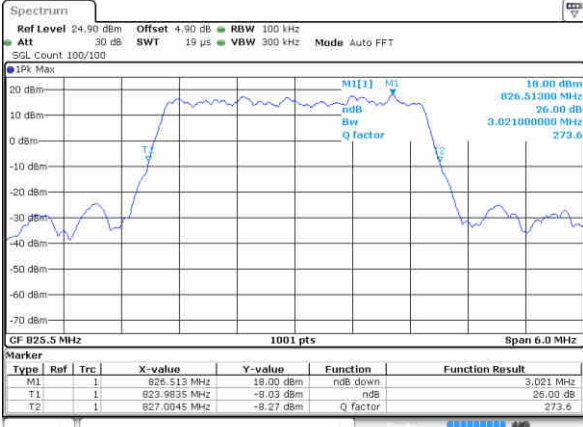


Date: 21 OCT 2019 21:24:06



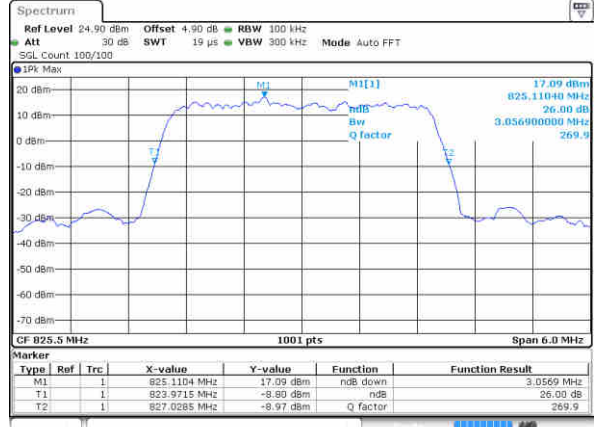
LTE Band 26

Lowest Channel / 3MHz / QPSK



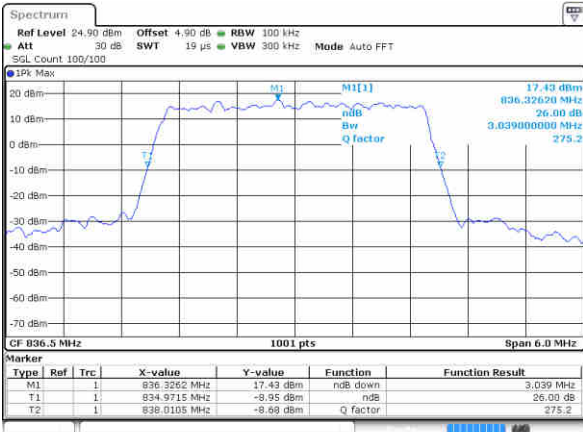
Date: 21 OCT 2019 21:24:46

Lowest Channel / 3MHz / 16QAM



Date: 21 OCT 2019 21:25:08

Middle Channel / 3MHz / QPSK



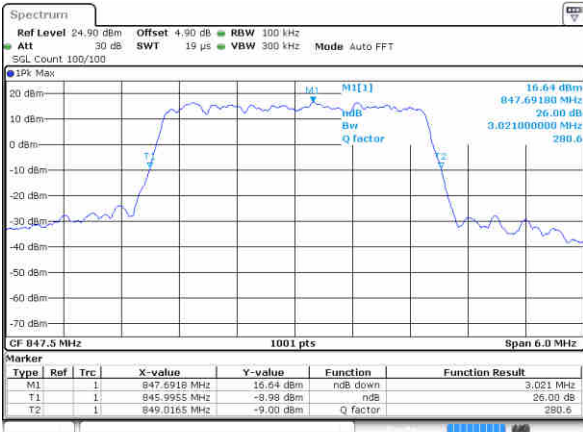
Date: 21 OCT 2019 21:26:26

Middle Channel / 3MHz / 16QAM



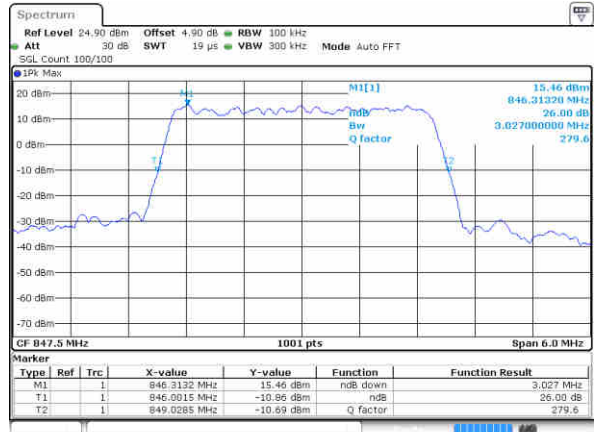
Date: 21 OCT 2019 21:26:08

Highest Channel / 3MHz / QPSK



Date: 21 OCT 2019 21:26:46

Highest Channel / 3MHz / 16QAM

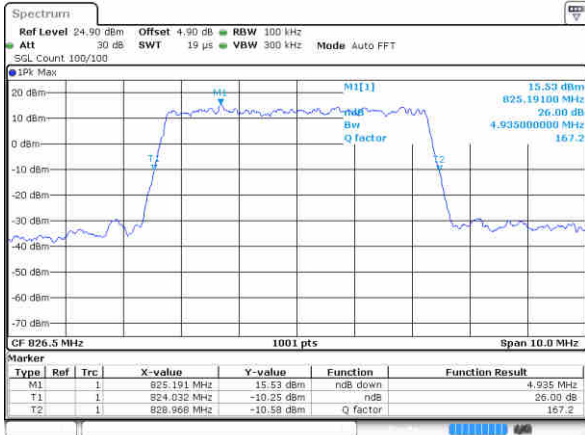


Date: 21 OCT 2019 21:27:08



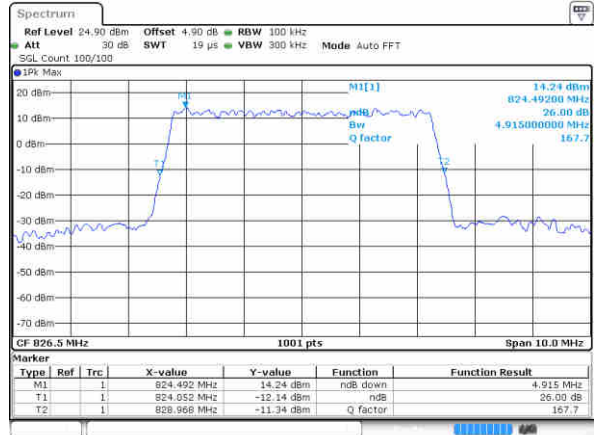
LTE Band 26

Lowest Channel / 5MHz / QPSK



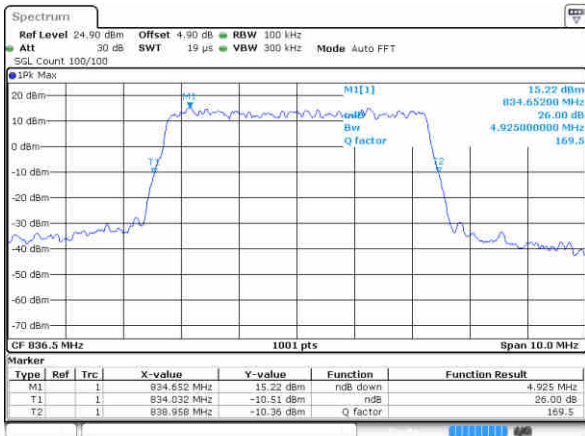
Date: 21 OCT 2019 21:42:39

Lowest Channel / 5MHz / 16QAM



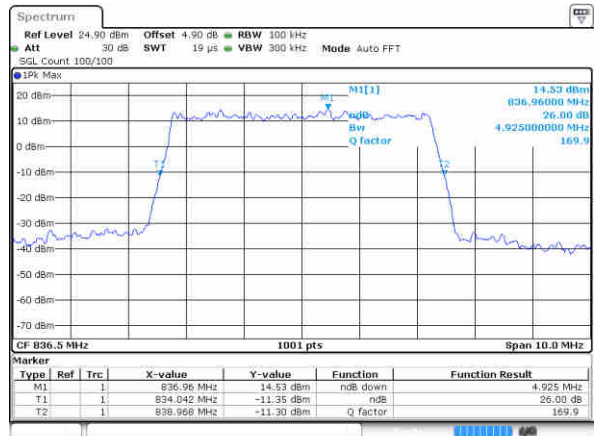
Date: 21 OCT 2019 21:42:59

Middle Channel / 5MHz / QPSK



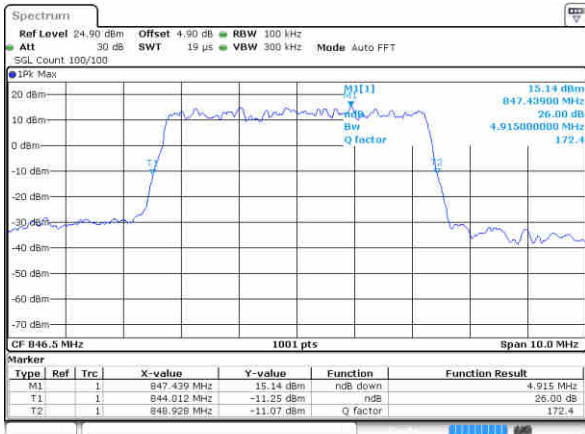
Date: 21 OCT 2019 21:44:19

Middle Channel / 5MHz / 16QAM



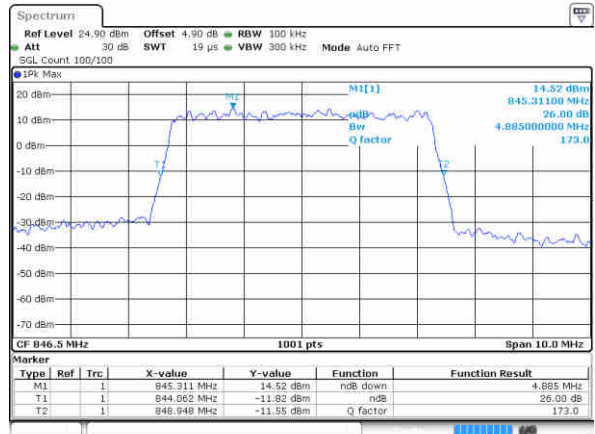
Date: 21 OCT 2019 21:43:59

Highest Channel / 5MHz / QPSK



Date: 21 OCT 2019 21:44:39

Highest Channel / 5MHz / 16QAM

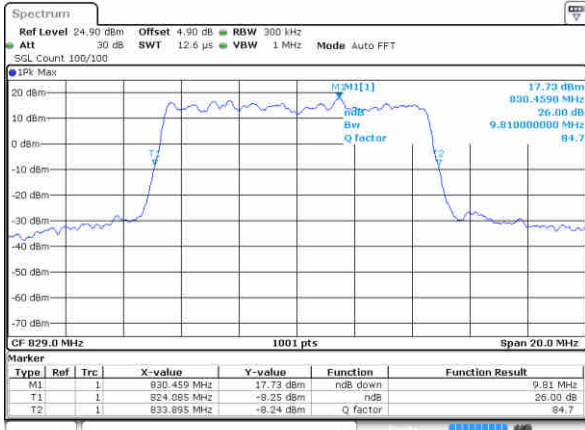


Date: 21 OCT 2019 21:44:59



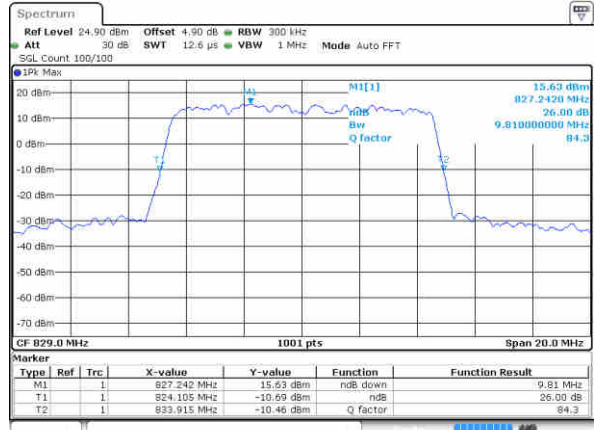
LTE Band 26

Lowest Channel / 10MHz / QPSK



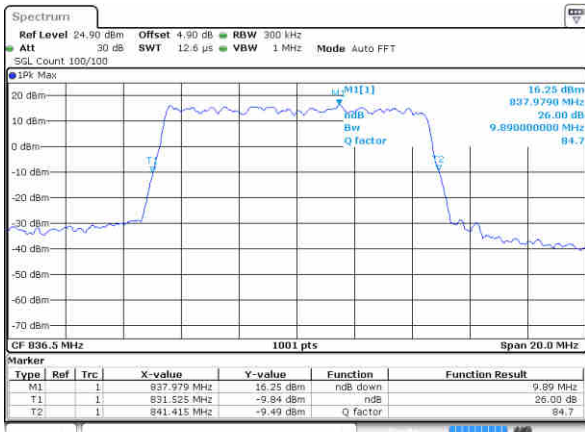
Date: 21 OCT 2019 21:59:38

Lowest Channel / 10MHz / 16QAM



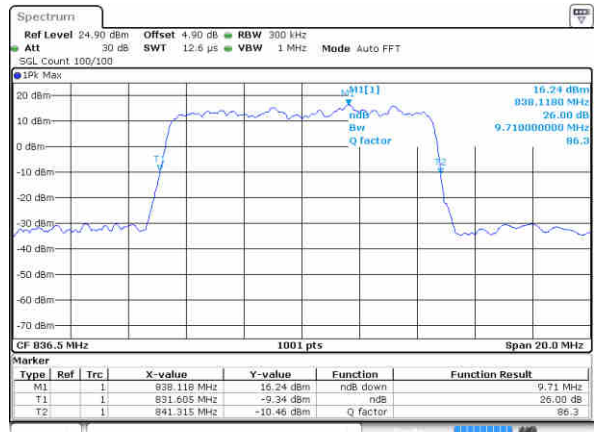
Date: 21 OCT 2019 21:59:58

Middle Channel / 10MHz / QPSK



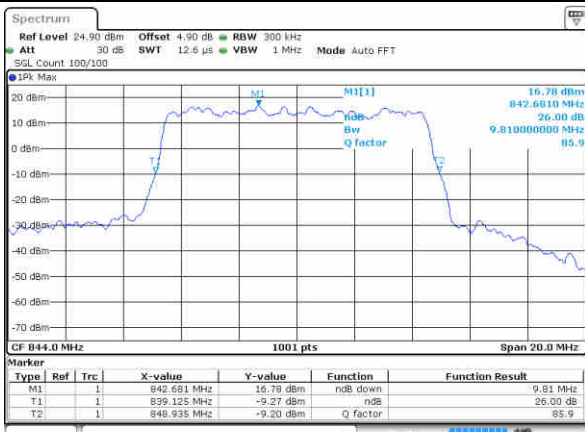
Date: 21 OCT 2019 22:01:18

Middle Channel / 10MHz / 16QAM



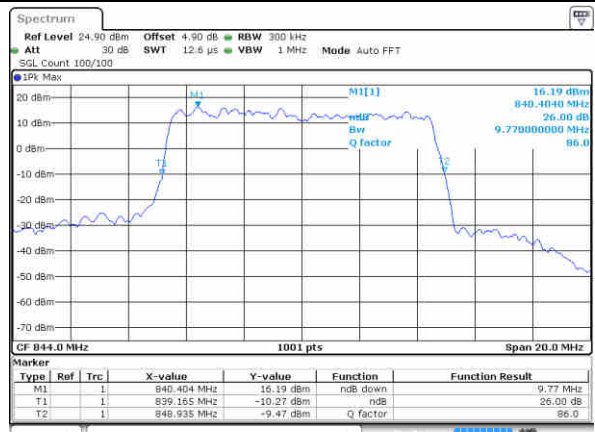
Date: 21 OCT 2019 22:00:58

Highest Channel / 10MHz / QPSK



Date: 21 OCT 2019 22:01:38

Highest Channel / 10MHz / 16QAM



Date: 21 OCT 2019 22:01:58