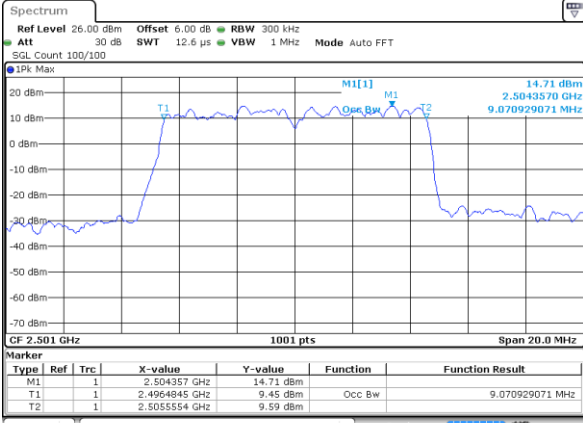




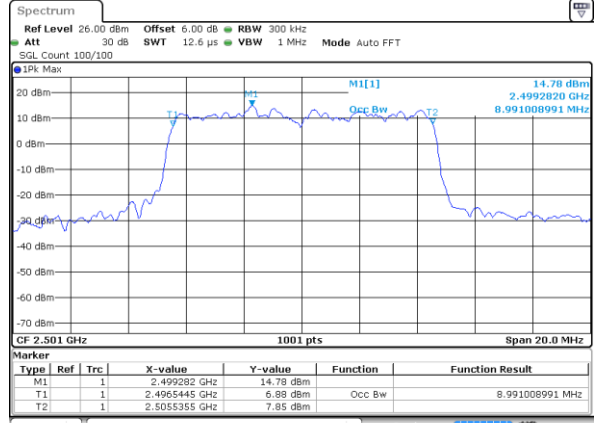
LTE Band 41

Lowest Channel / 10MHz / QPSK



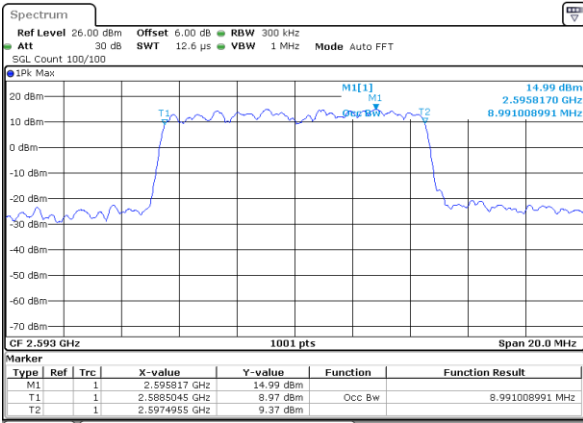
Date: 6 MAR 2020 12:06:16

Lowest Channel / 10MHz / 16QAM



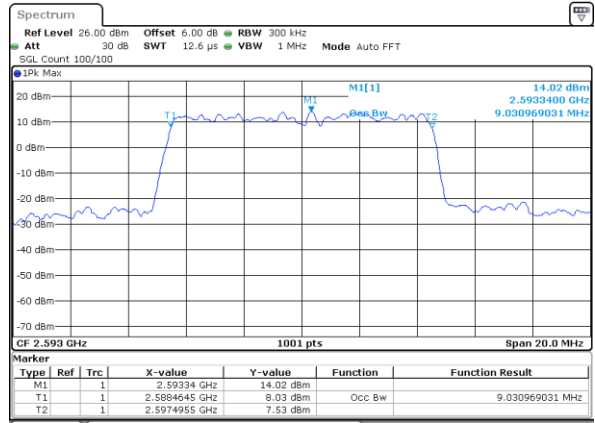
Date: 6 MAR 2020 12:06:36

Middle Channel / 10MHz / QPSK



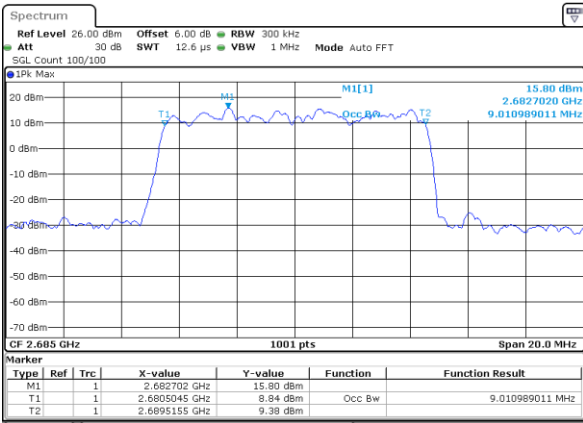
Date: 6 MAR 2020 12:06:56

Middle Channel / 10MHz / 16QAM



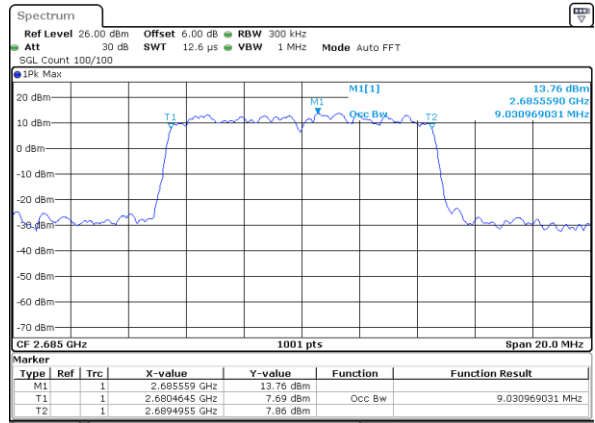
Date: 6 MAR 2020 12:07:16

Highest Channel / 10MHz / QPSK



Date: 6 MAR 2020 12:07:36

Highest Channel / 10MHz / 16QAM

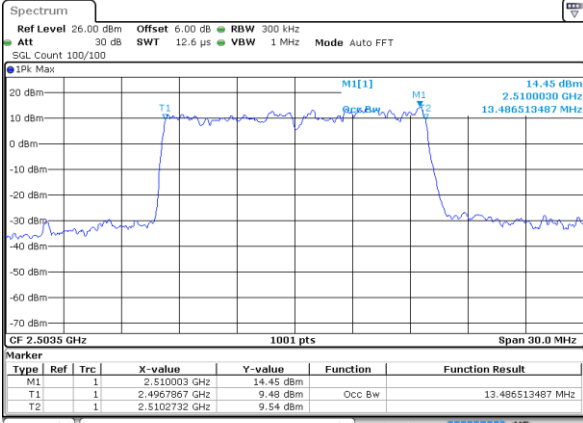


Date: 6 MAR 2020 12:07:56



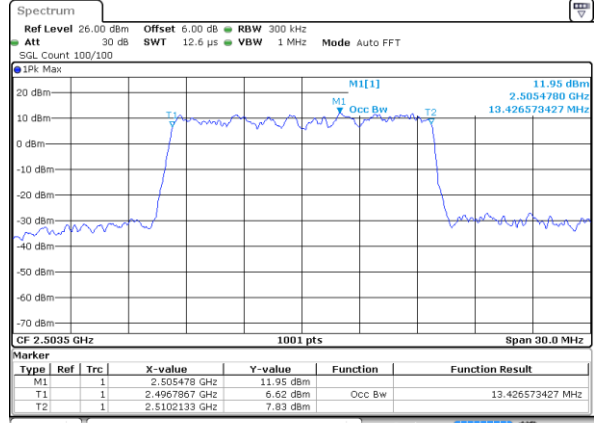
LTE Band 41

Lowest Channel / 15MHz / QPSK



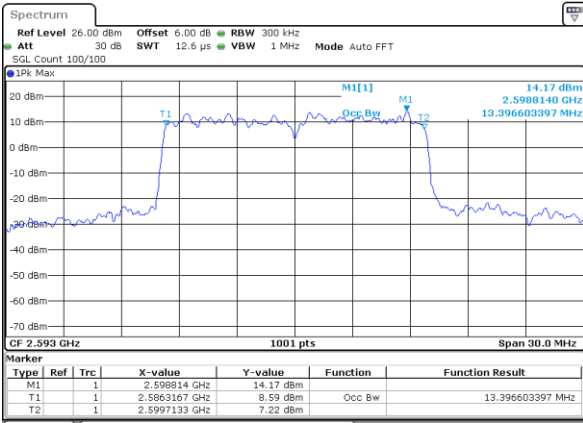
Date: 6 MAR 2020 12:08:16

Lowest Channel / 15MHz / 16QAM



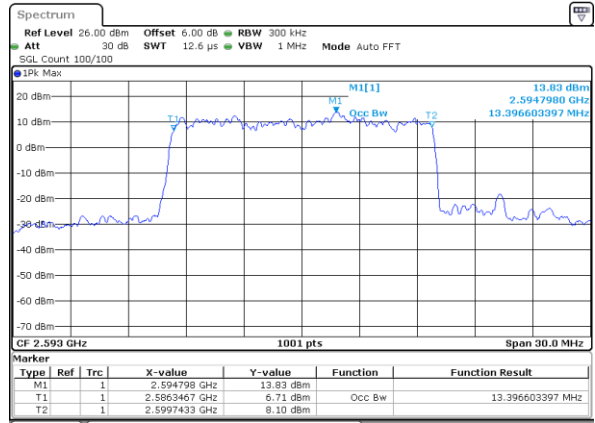
Date: 6 MAR 2020 12:08:36

Middle Channel / 15MHz / QPSK



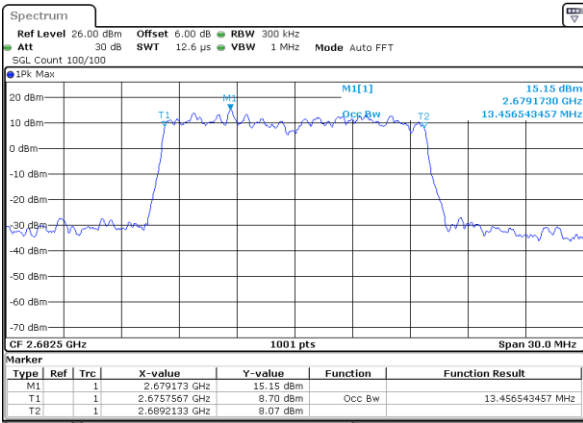
Date: 6 MAR 2020 12:08:56

Middle Channel / 15MHz / 16QAM



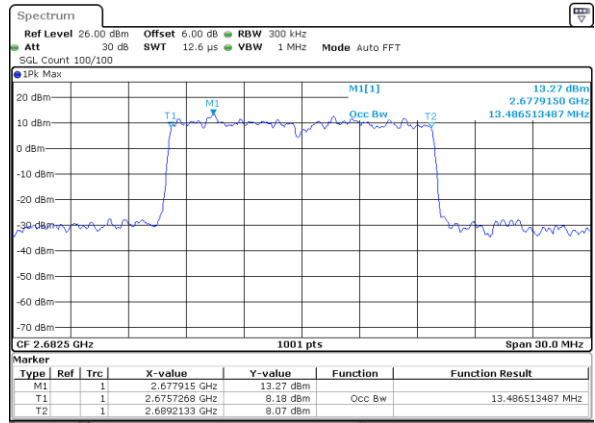
Date: 6 MAR 2020 12:09:15

Highest Channel / 15MHz / QPSK



Date: 6 MAR 2020 12:09:35

Highest Channel / 15MHz / 16QAM

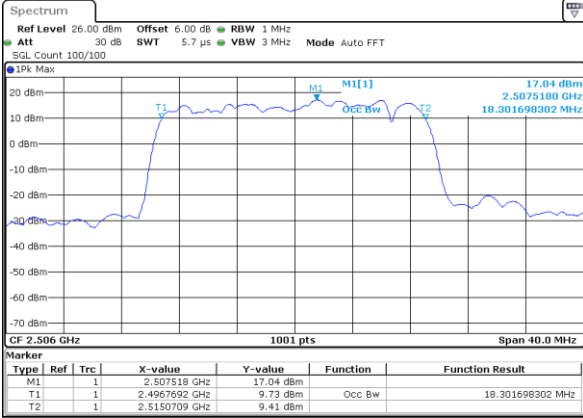


Date: 6 MAR 2020 12:09:55



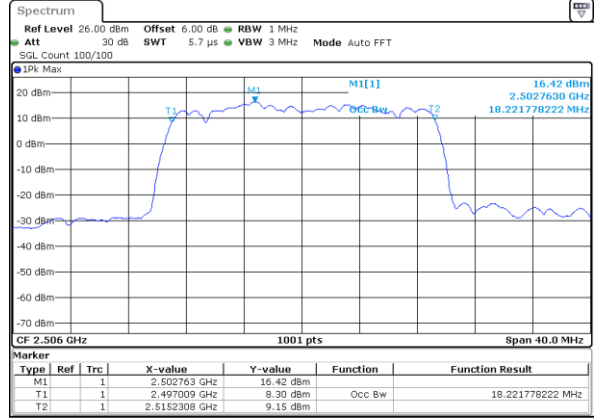
LTE Band 41

Lowest Channel / 20MHz / QPSK



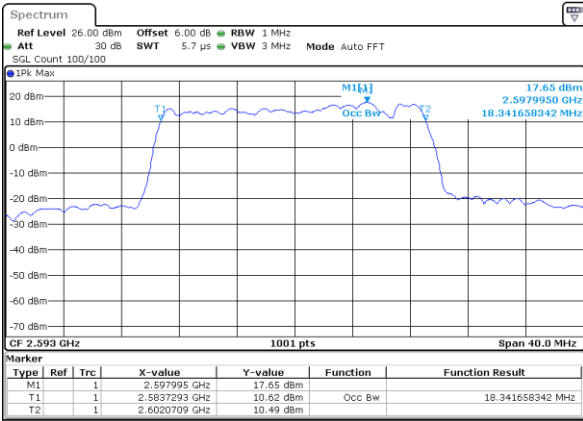
Date: 6 MAR 2020 12:10:15

Lowest Channel / 20MHz / 16QAM



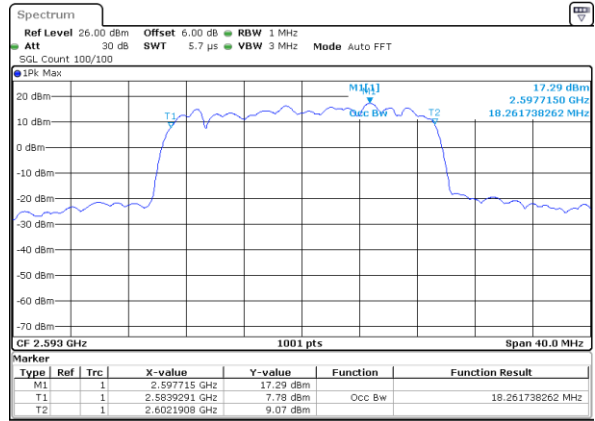
Date: 6 MAR 2020 12:10:35

Middle Channel / 20MHz / QPSK



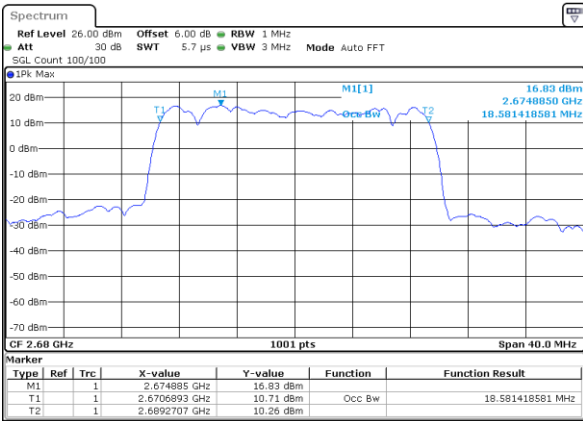
Date: 6 MAR 2020 12:10:55

Middle Channel / 20MHz / 16QAM



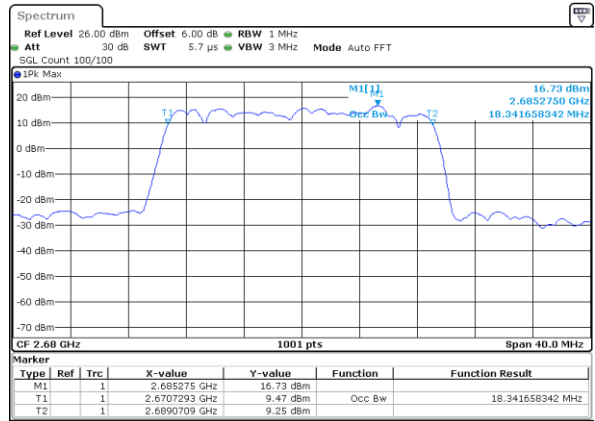
Date: 6 MAR 2020 12:11:15

Highest Channel / 20MHz / QPSK



Date: 6 MAR 2020 12:11:35

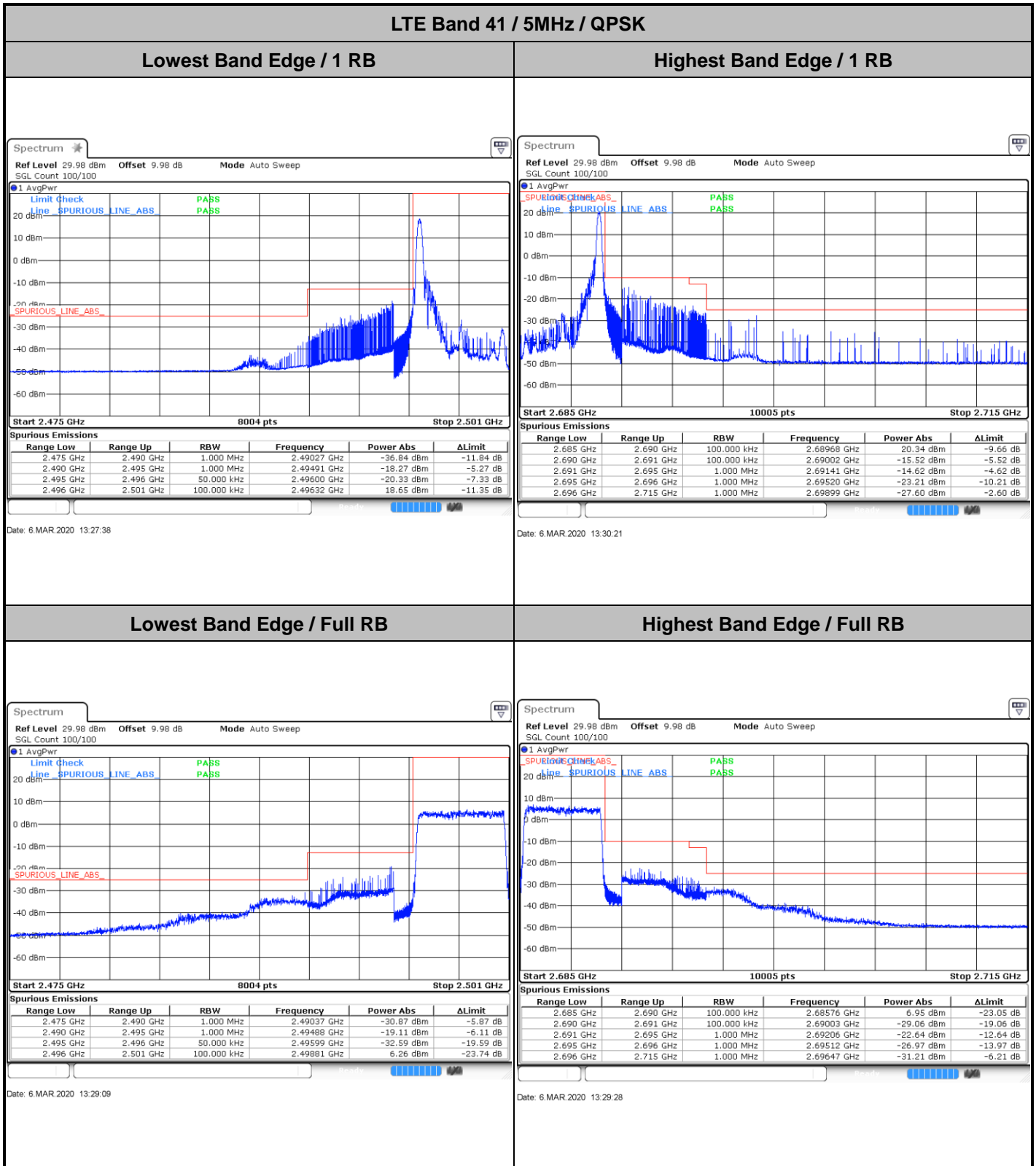
Highest Channel / 20MHz / 16QAM



Date: 6 MAR 2020 12:11:55



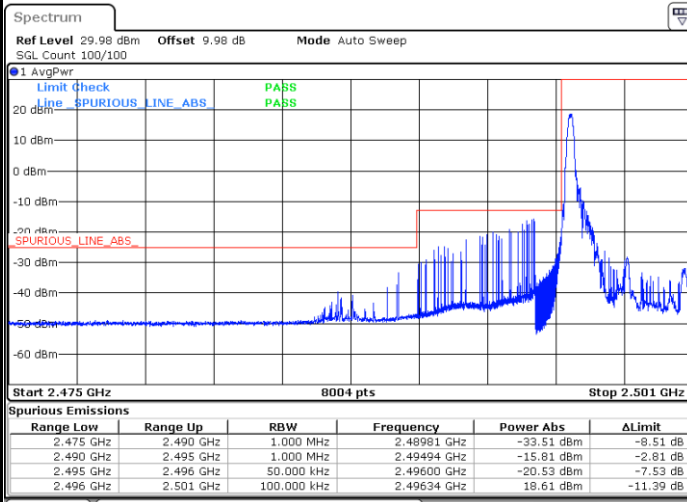
Conducted Band Edge





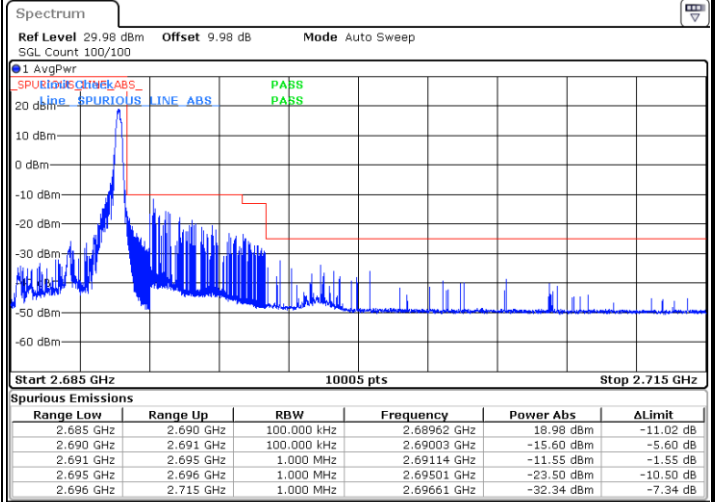
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



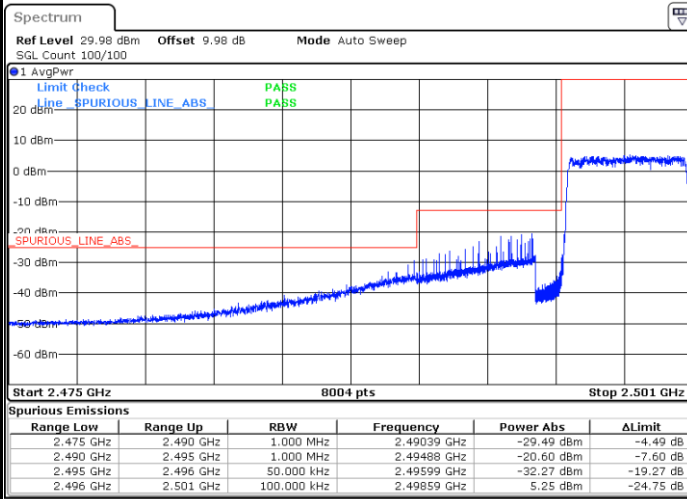
Date: 6 MAR 2020 13:28:05

Highest Band Edge / 1 RB



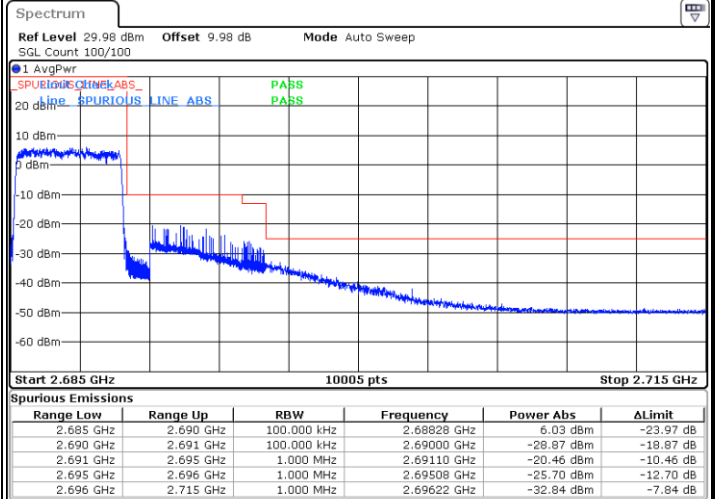
Date: 6 MAR 2020 13:30:03

Lowest Band Edge / Full RB



Date: 6 MAR 2020 13:28:45

Highest Band Edge / Full RB

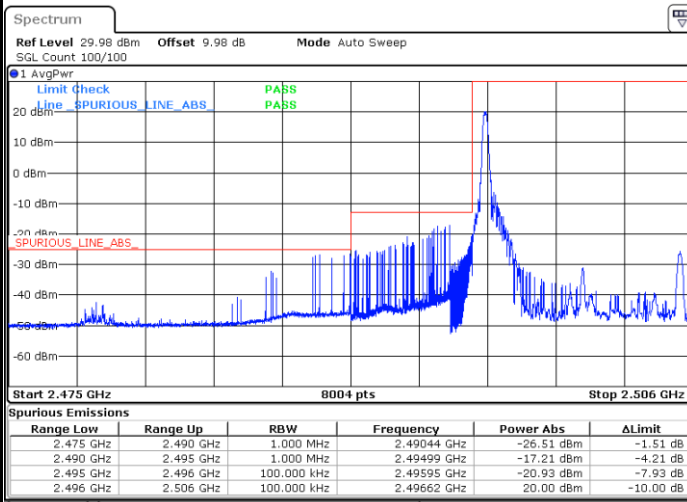


Date: 6 MAR 2020 13:29:45



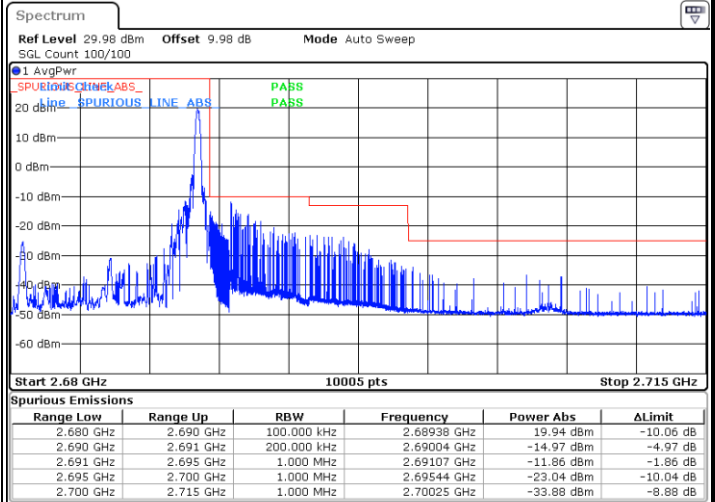
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



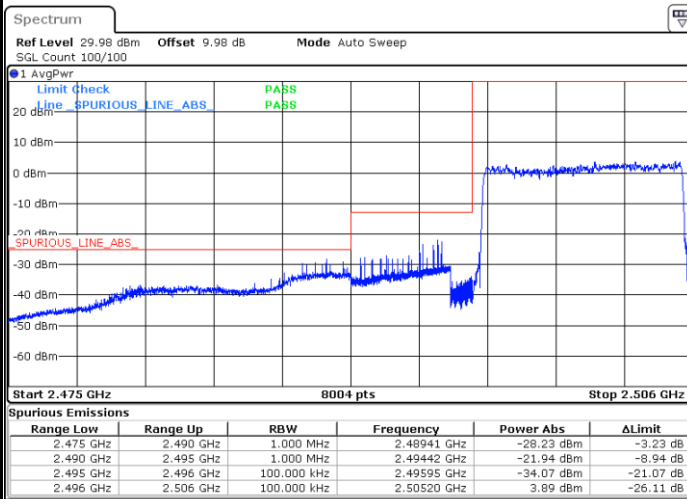
Date: 6 MAR 2020 13:30:43

Highest Band Edge / 1 RB



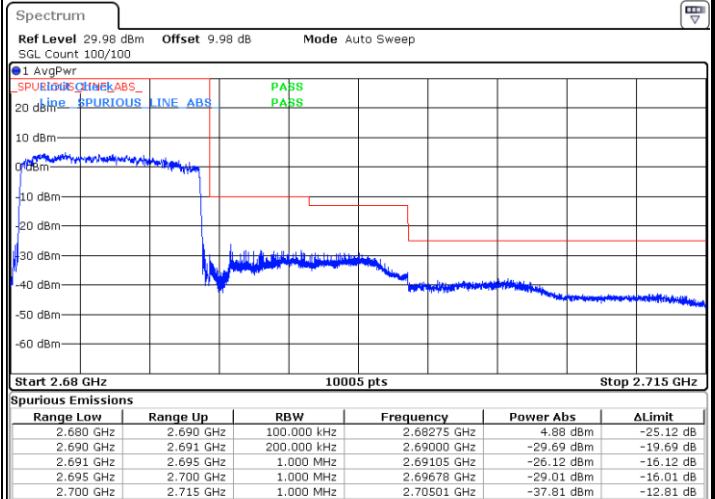
Date: 6 MAR 2020 13:33:35

Lowest Band Edge / Full RB



Date: 6 MAR 2020 13:32:10

Highest Band Edge / Full RB

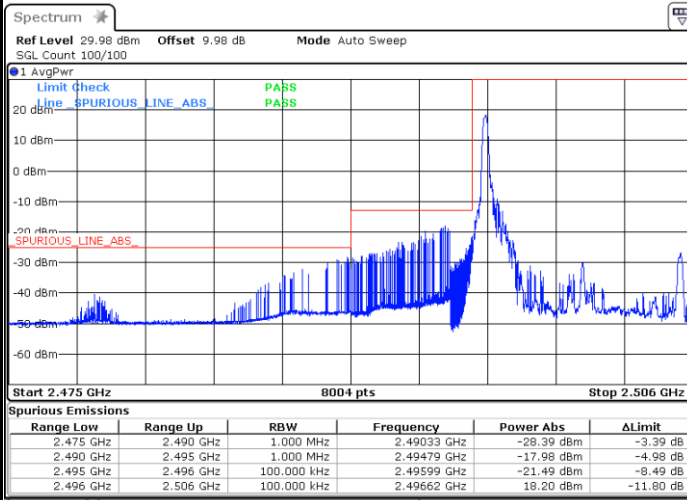


Date: 6 MAR 2020 13:32:35



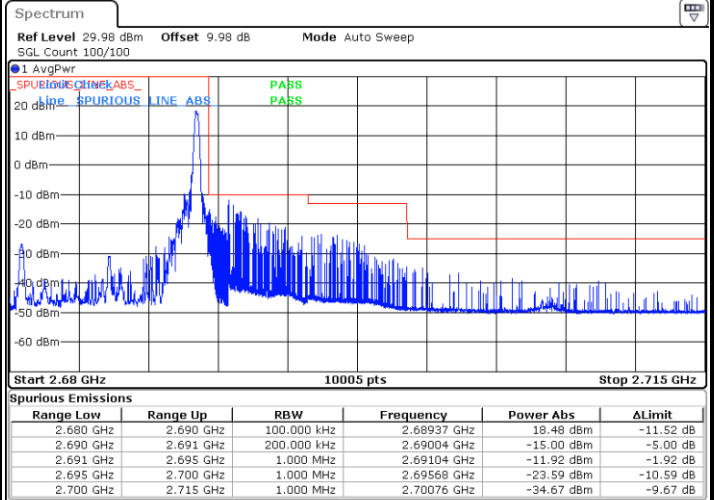
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



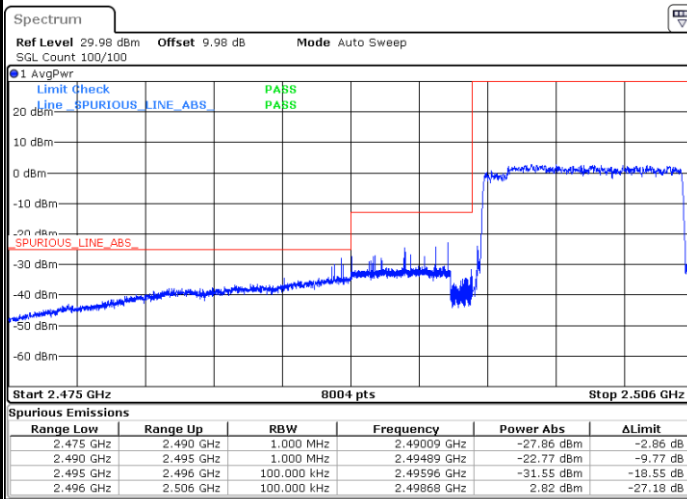
Date: 6 MAR 2020 13:31:17

Highest Band Edge / 1 RB



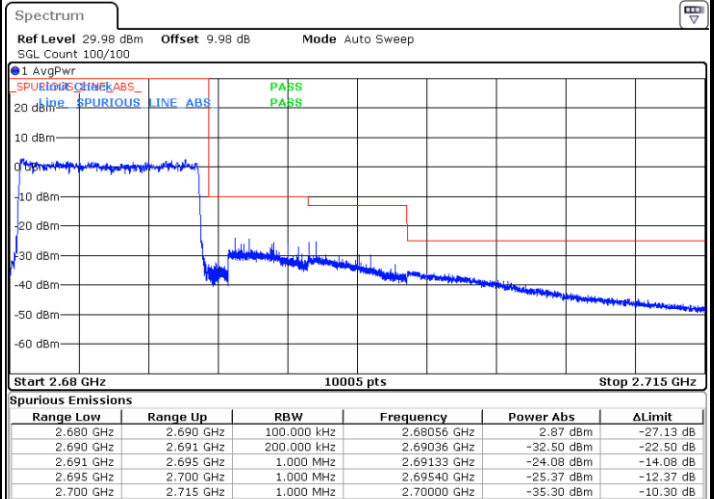
Date: 6 MAR 2020 13:33:14

Lowest Band Edge / Full RB



Date: 6 MAR 2020 13:31:36

Highest Band Edge / Full RB

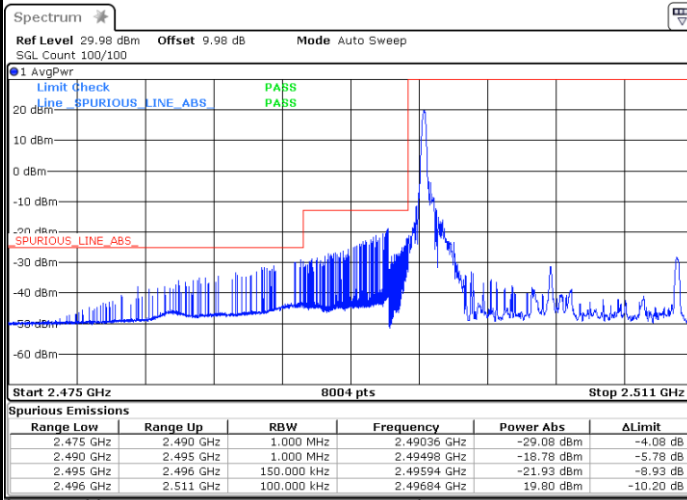


Date: 6 MAR 2020 13:32:52



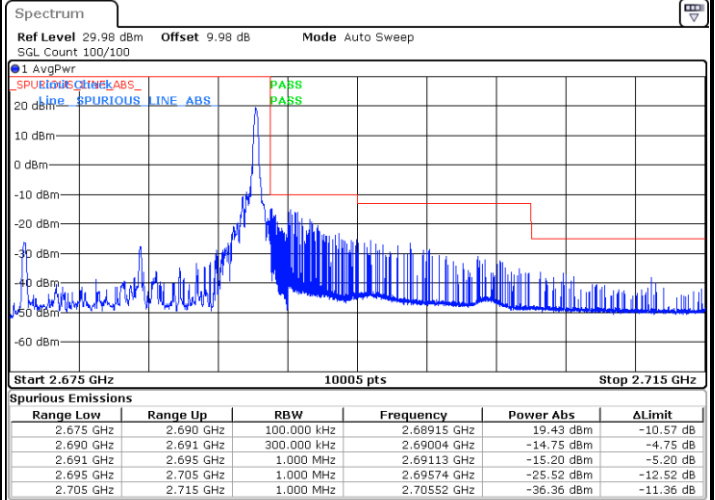
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



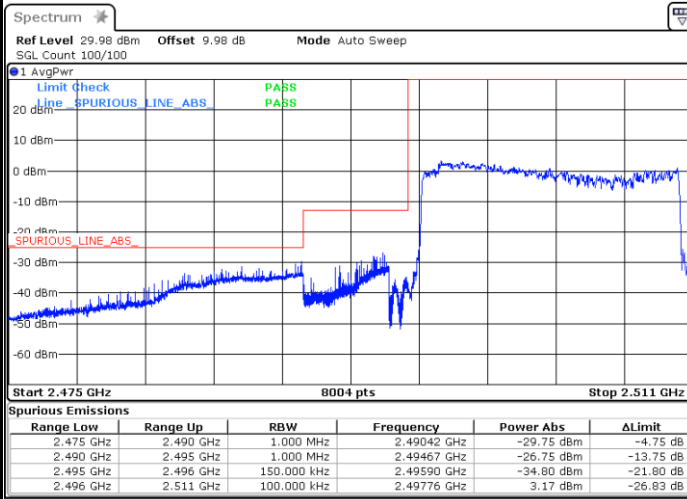
Date: 6 MAR 2020 13:34:17

Highest Band Edge / 1 RB



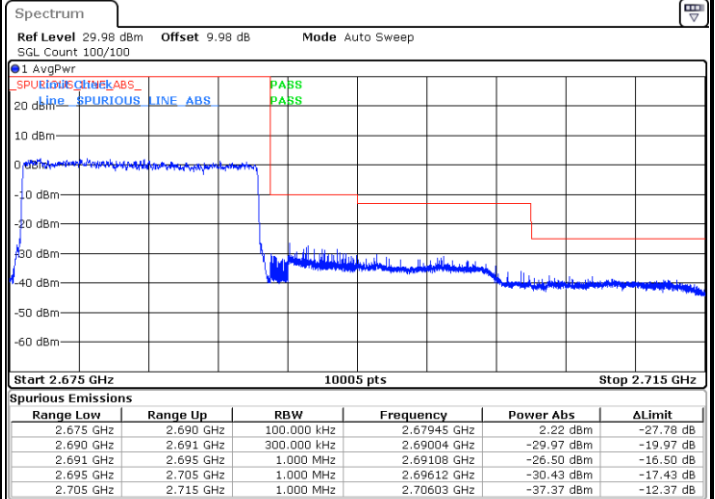
Date: 6 MAR 2020 13:36:53

Lowest Band Edge / Full RB



Date: 6 MAR 2020 13:35:39

Highest Band Edge / Full RB

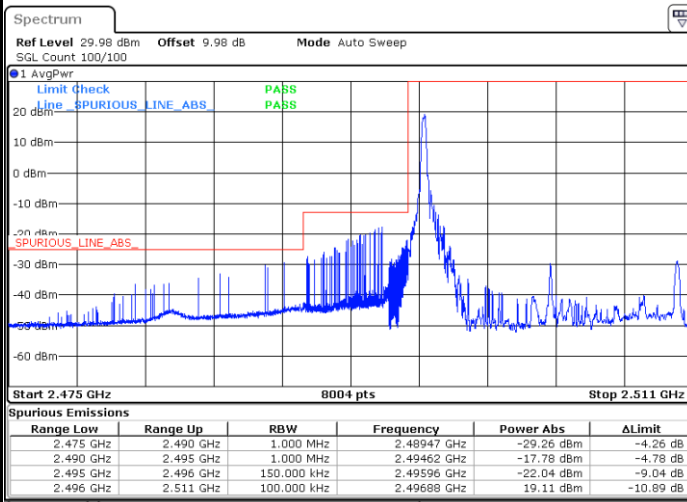


Date: 6 MAR 2020 13:35:55



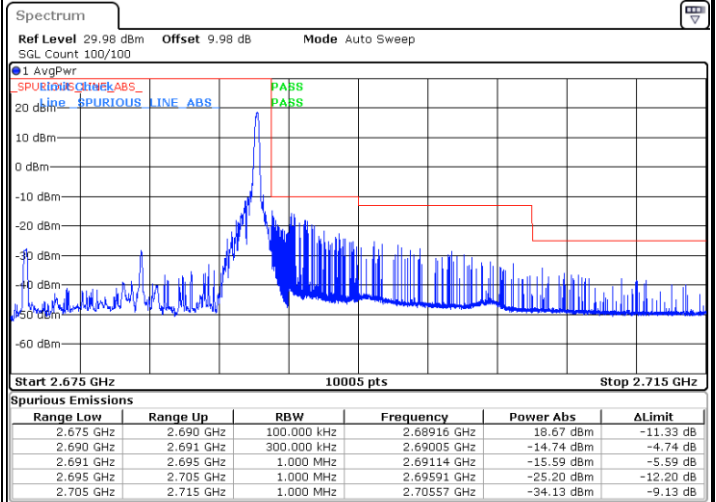
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



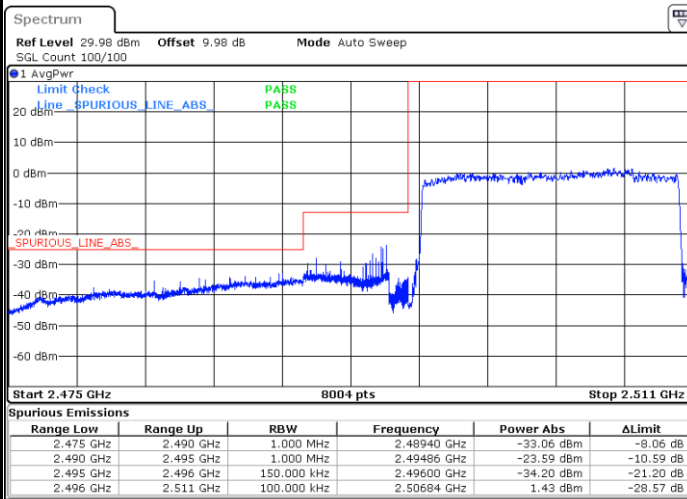
Date: 6 MAR 2020 13:34:35

Highest Band Edge / 1 RB



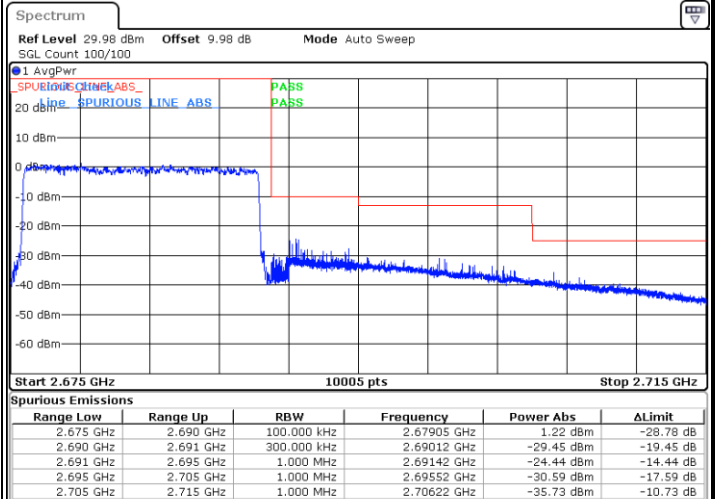
Date: 6 MAR 2020 13:36:36

Lowest Band Edge / Full RB



Date: 6 MAR 2020 13:35:08

Highest Band Edge / Full RB

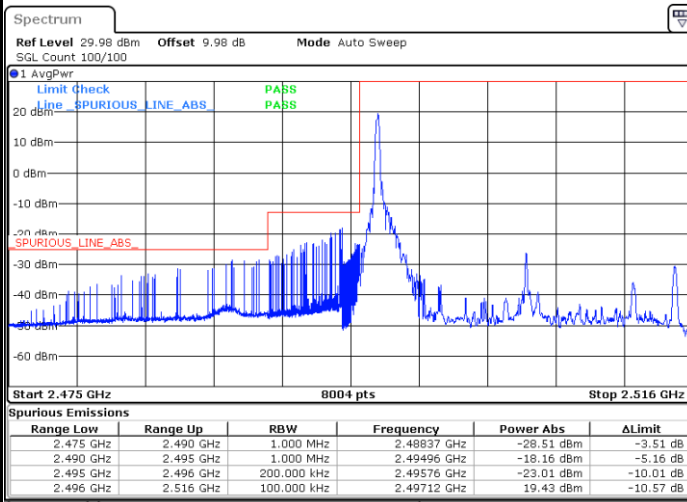


Date: 6 MAR 2020 13:36:10



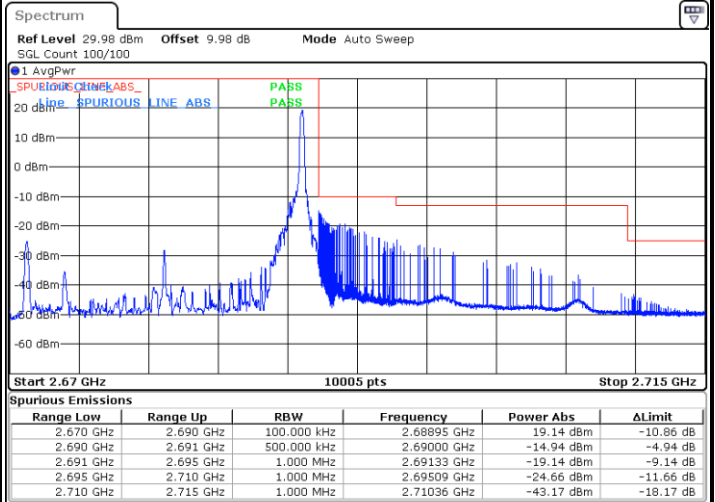
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



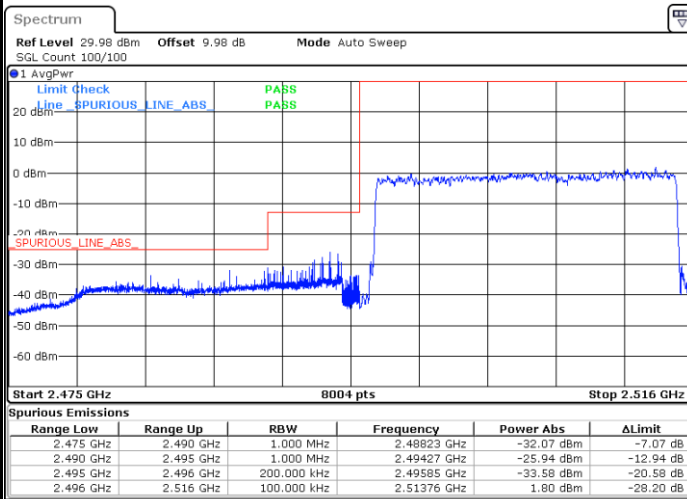
Date: 6 MAR 2020 13:37:15

Highest Band Edge / 1 RB



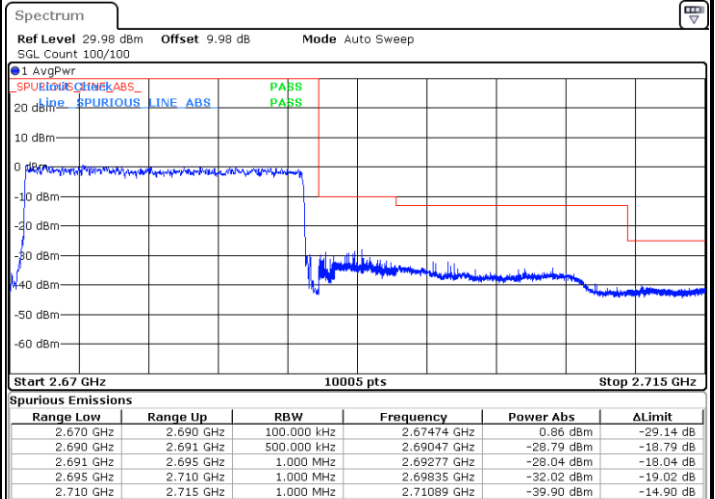
Date: 6 MAR 2020 13:39:18

Lowest Band Edge / Full RB



Date: 6 MAR 2020 13:38:01

Highest Band Edge / Full RB

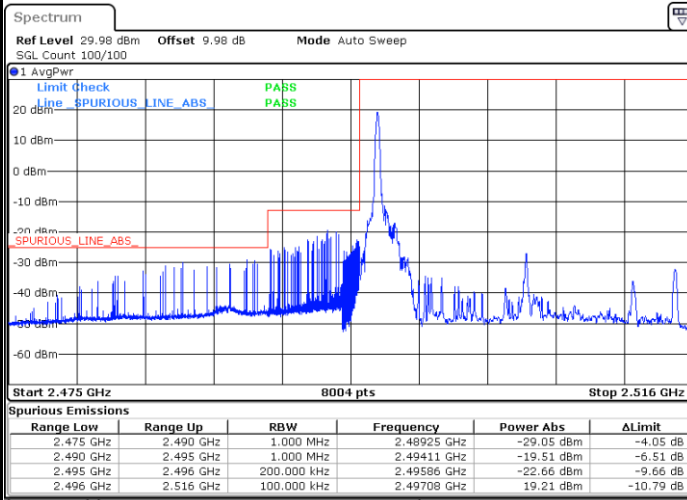


Date: 6 MAR 2020 13:38:19



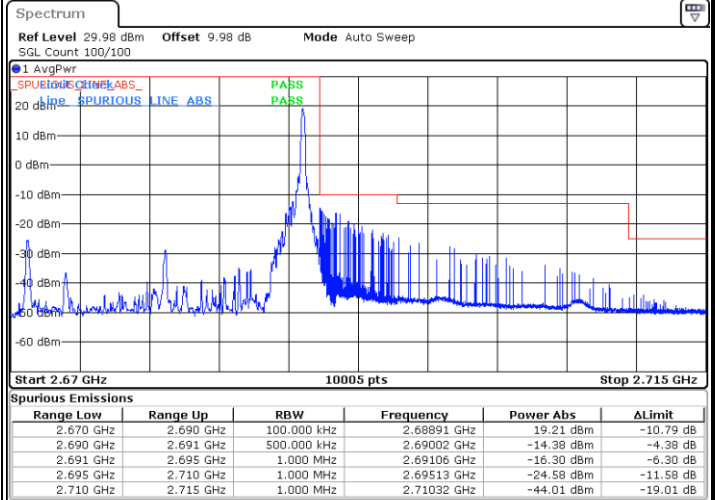
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



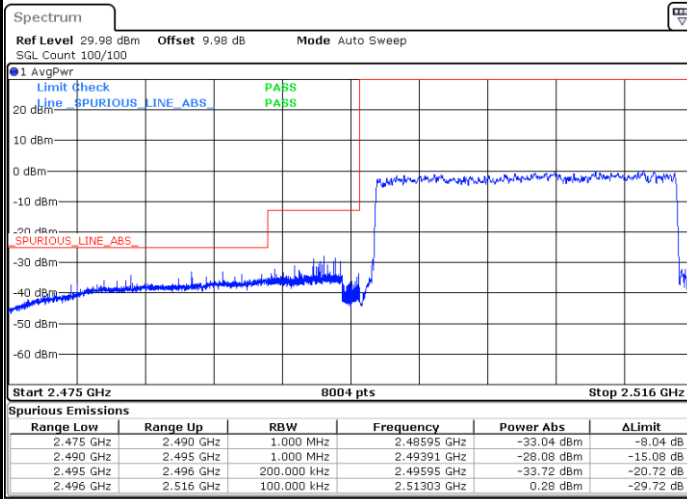
Date: 6 MAR 2020 13:37:30

Highest Band Edge / 1 RB



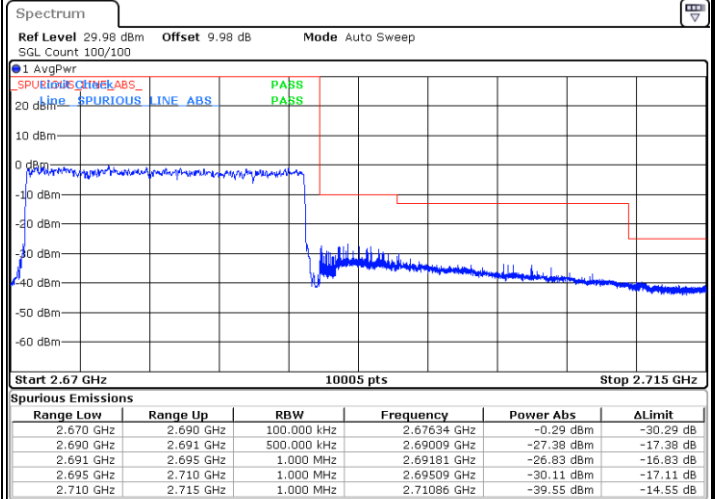
Date: 6 MAR 2020 13:39:01

Lowest Band Edge / Full RB



Date: 6 MAR 2020 13:37:46

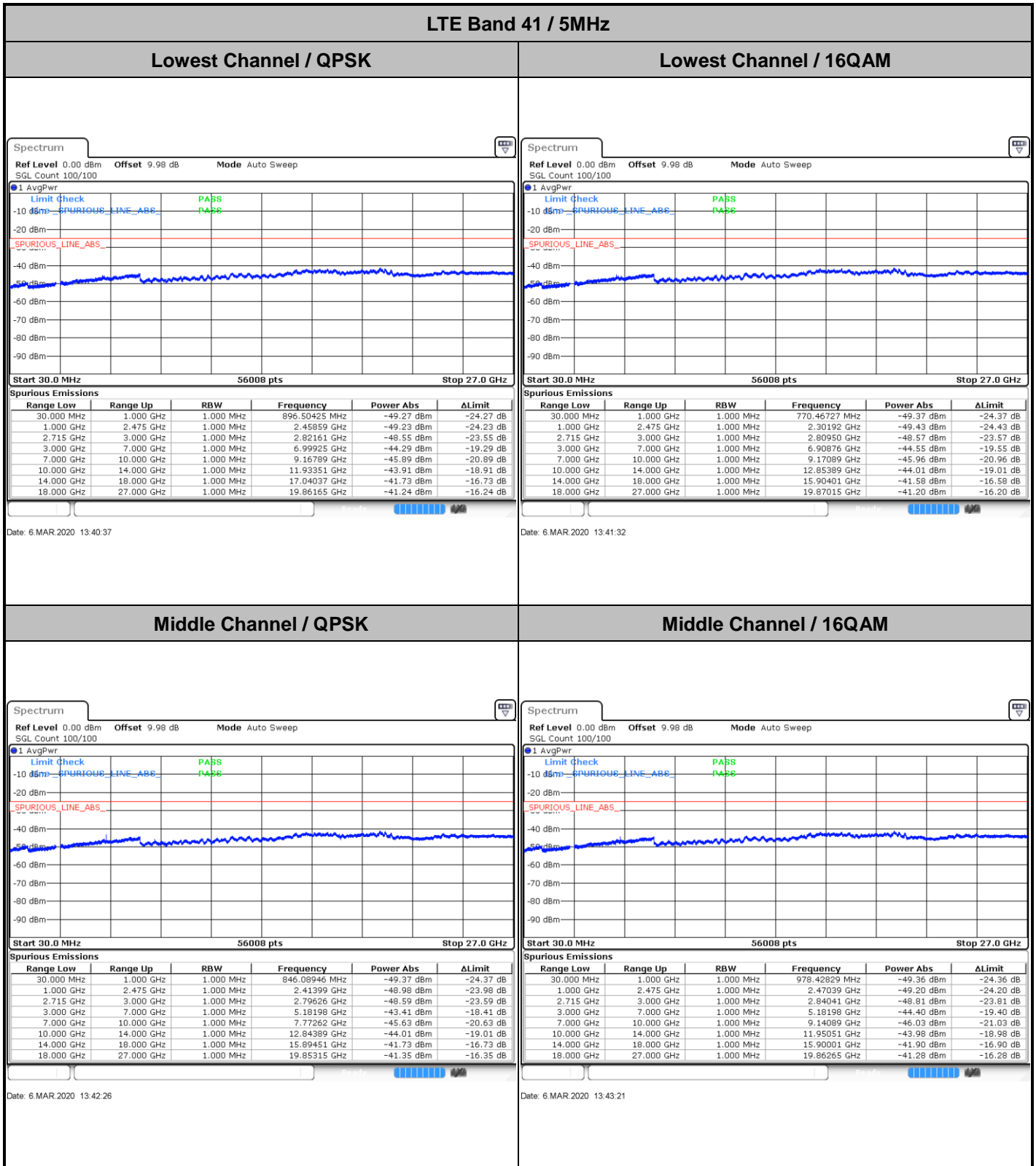
Highest Band Edge / Full RB



Date: 6 MAR 2020 13:38:35



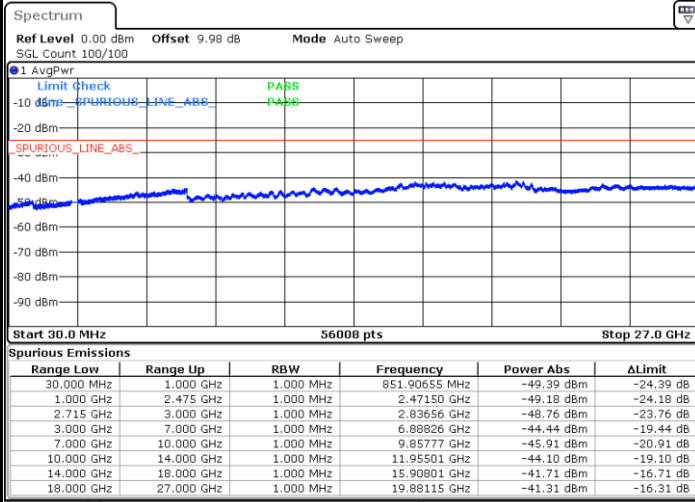
Conducted Spurious Emission





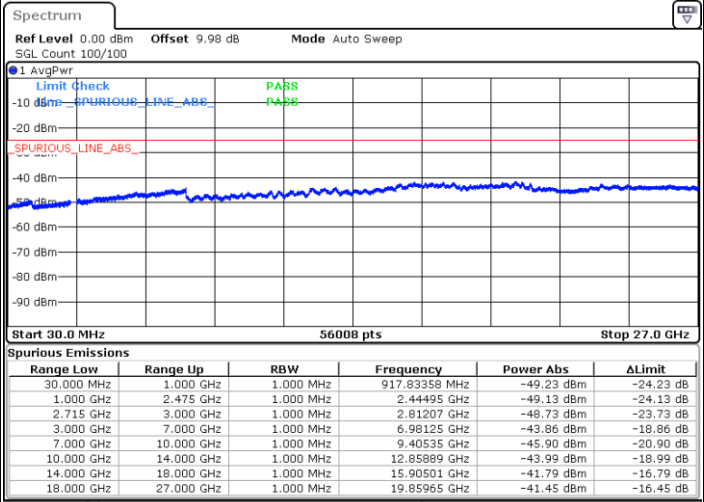
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 6 MAR 2020 13:44:16

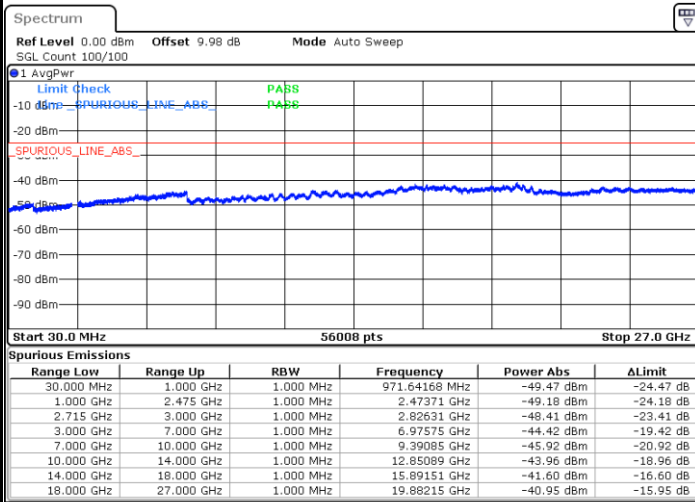
Highest Channel / 16QAM



Date: 6 MAR 2020 13:45:11

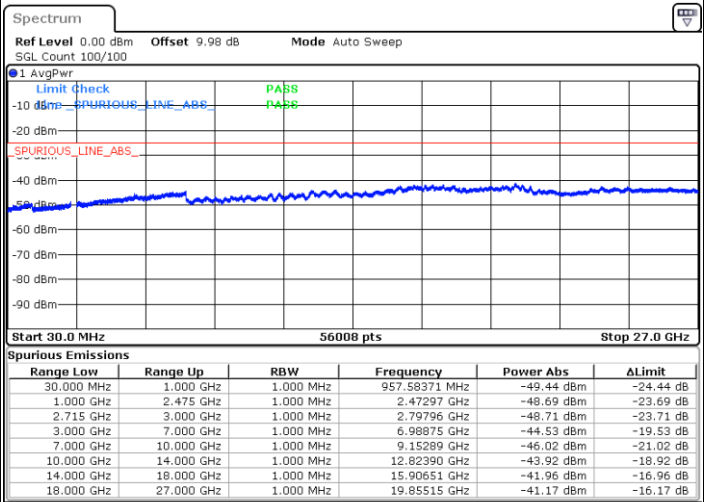
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 6 MAR 2020 13:46:05

Lowest Channel / 16QAM

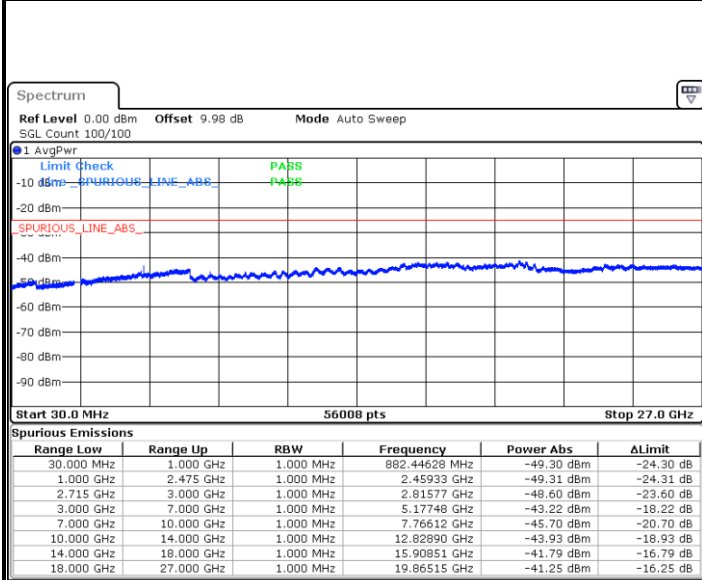


Date: 6 MAR 2020 13:47:00



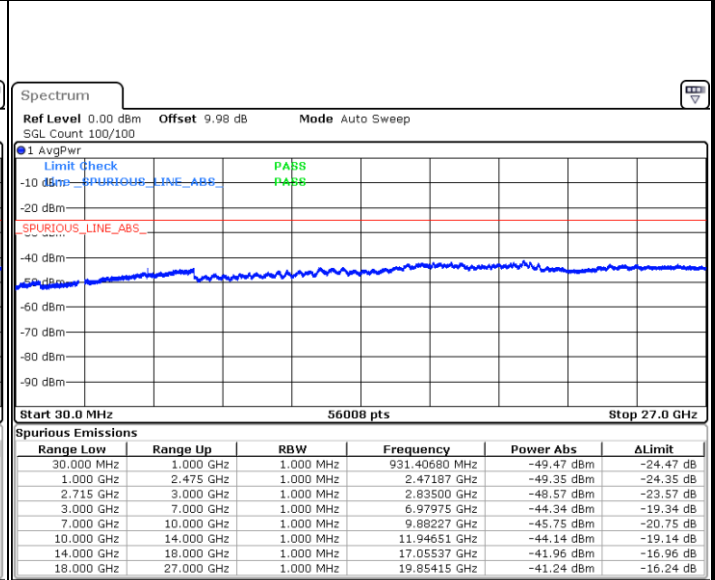
LTE Band 41 / 10MHz

Middle Channel / QPSK



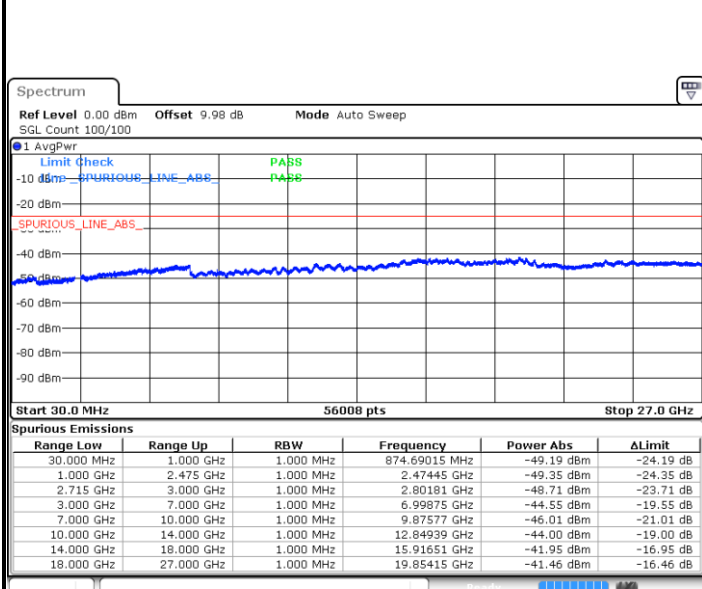
Date: 6 MAR 2020 13:47:55

Middle Channel / 16QAM



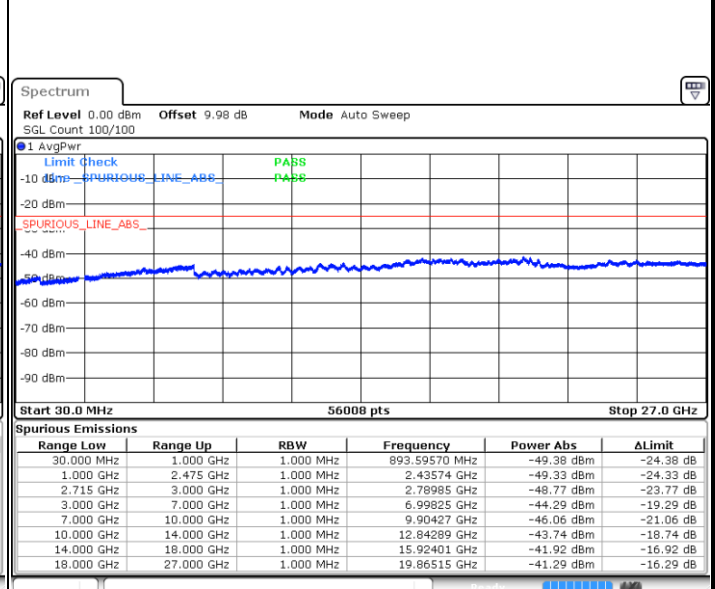
Date: 6 MAR 2020 13:48:50

Highest Channel / QPSK



Date: 6 MAR 2020 13:49:44

Highest Channel / 16QAM



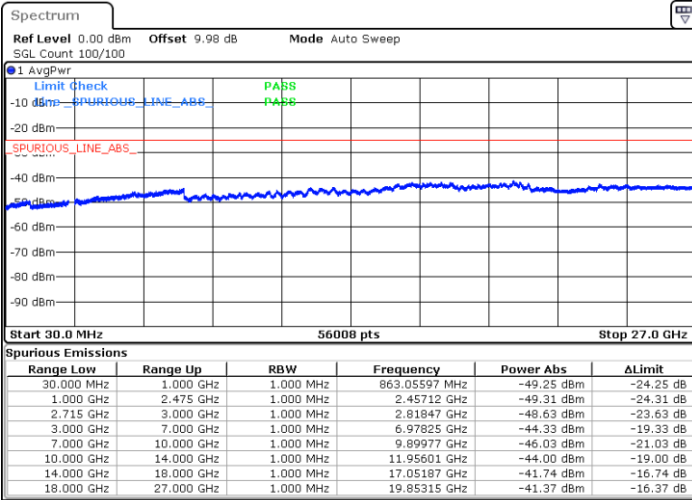
Date: 6 MAR 2020 13:50:39



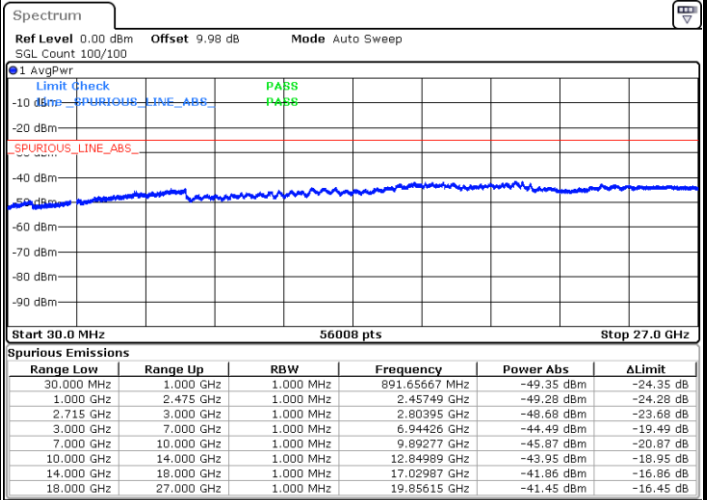
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



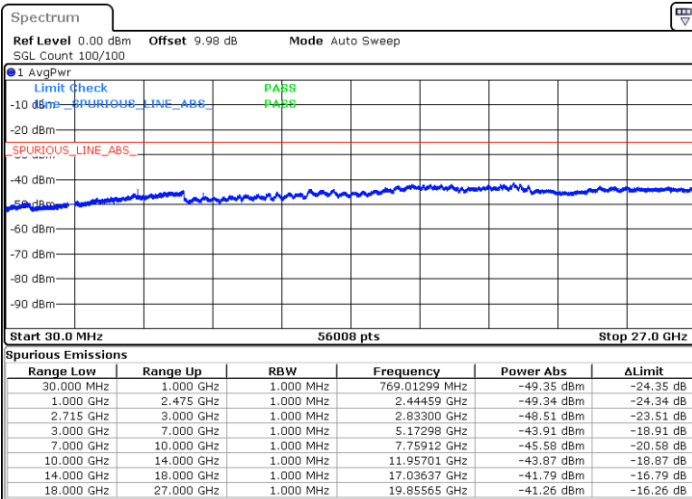
Date: 6 MAR 2020 13:51:34



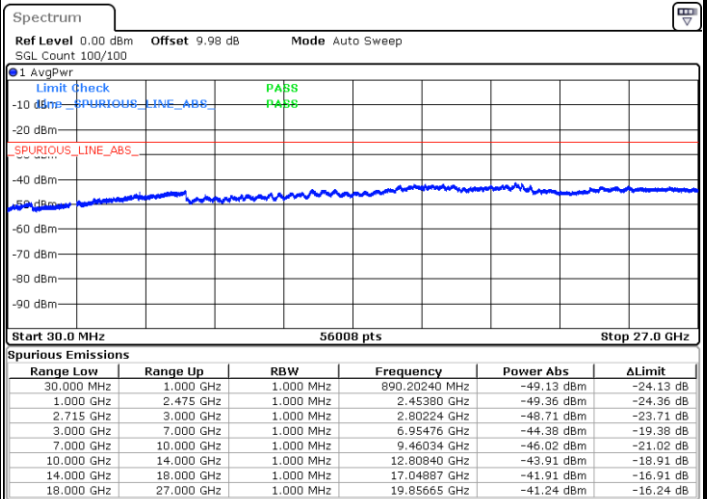
Date: 6 MAR 2020 13:52:29

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 6 MAR 2020 13:53:23

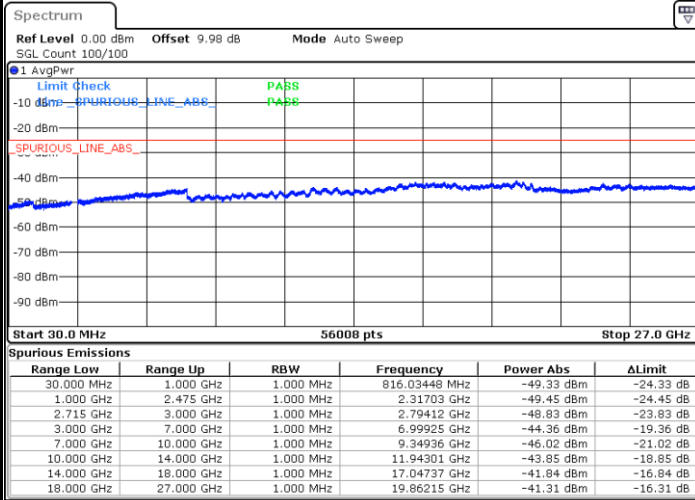


Date: 6 MAR 2020 13:54:18



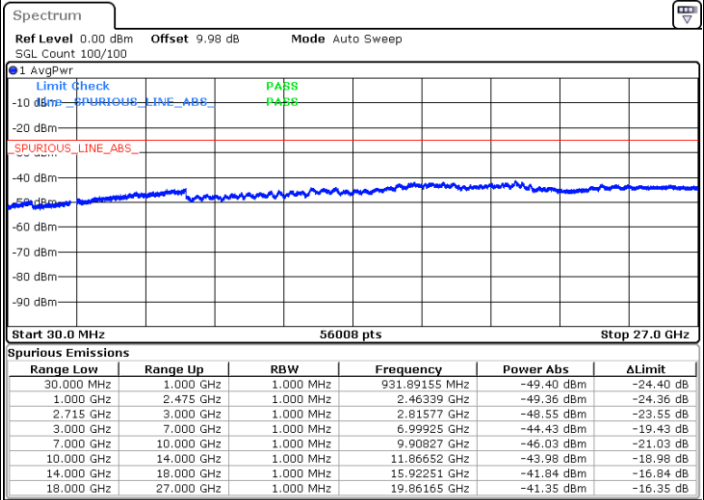
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 6 MAR 2020 13:55:13

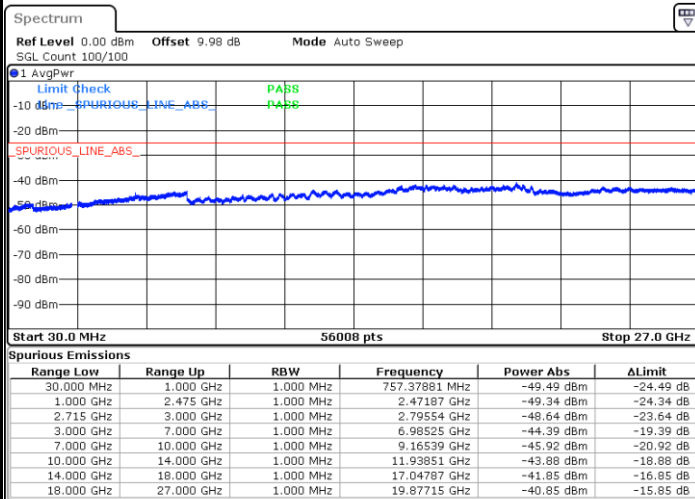
Highest Channel / 16QAM



Date: 6 MAR 2020 13:56:08

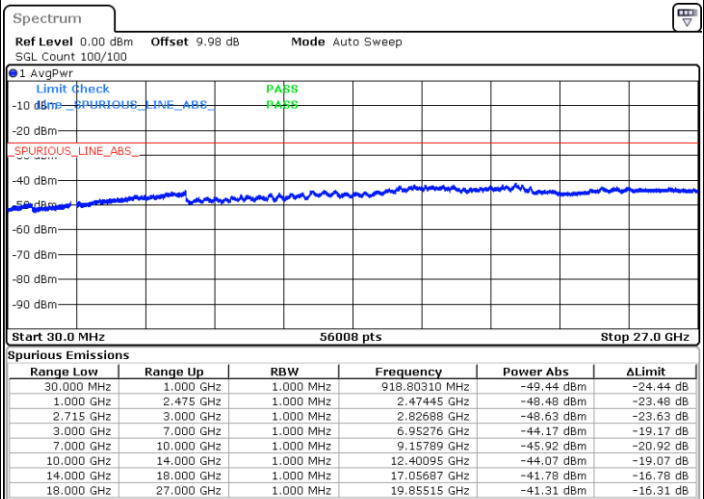
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 6 MAR 2020 13:57:02

Lowest Channel / 16QAM

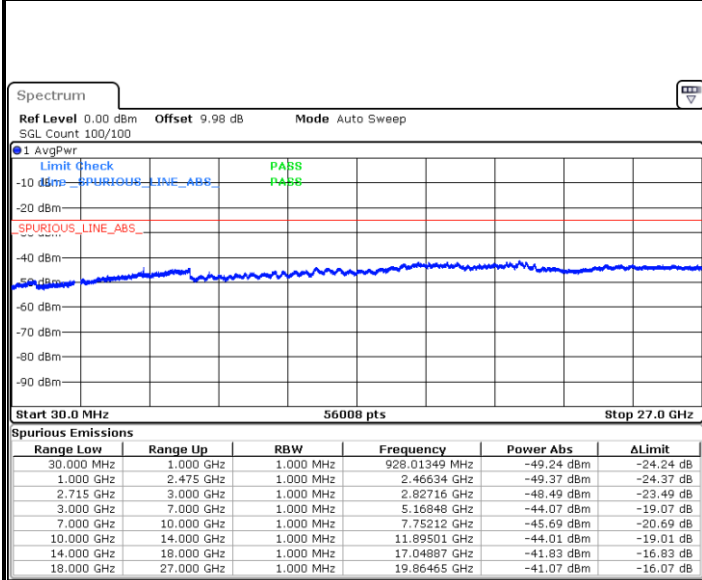


Date: 6 MAR 2020 13:57:57



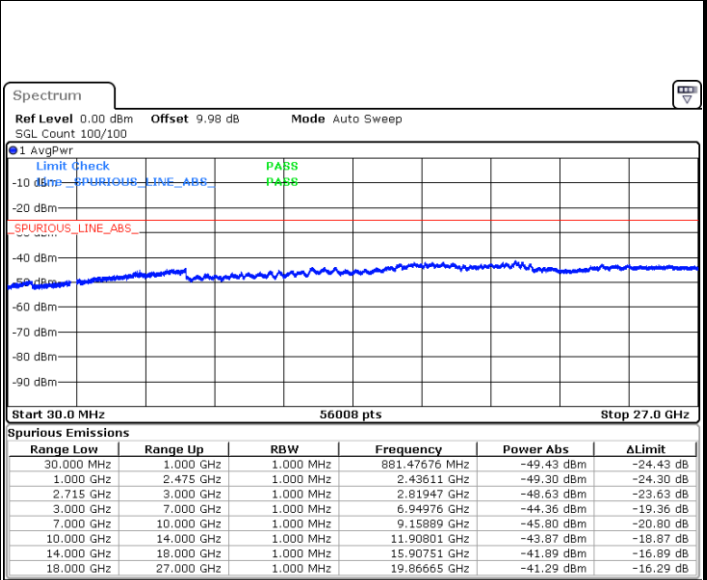
LTE Band 41 / 20MHz

Middle Channel / QPSK



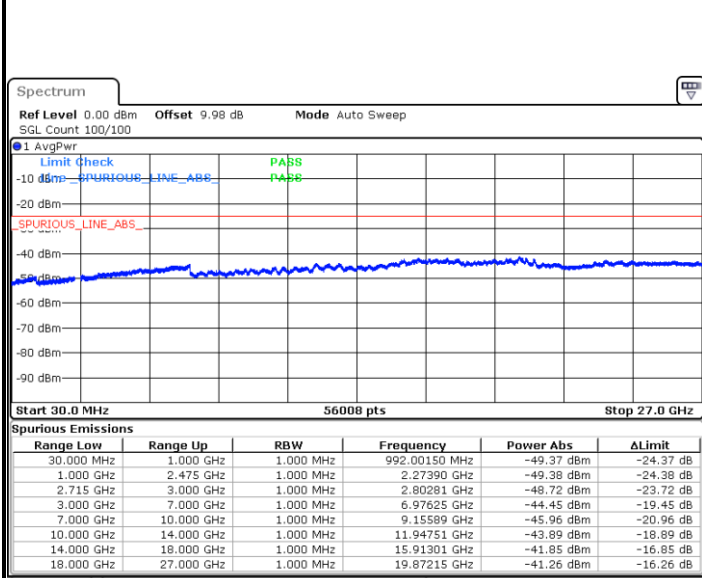
Date: 6 MAR 2020 13:58:52

Middle Channel / 16QAM



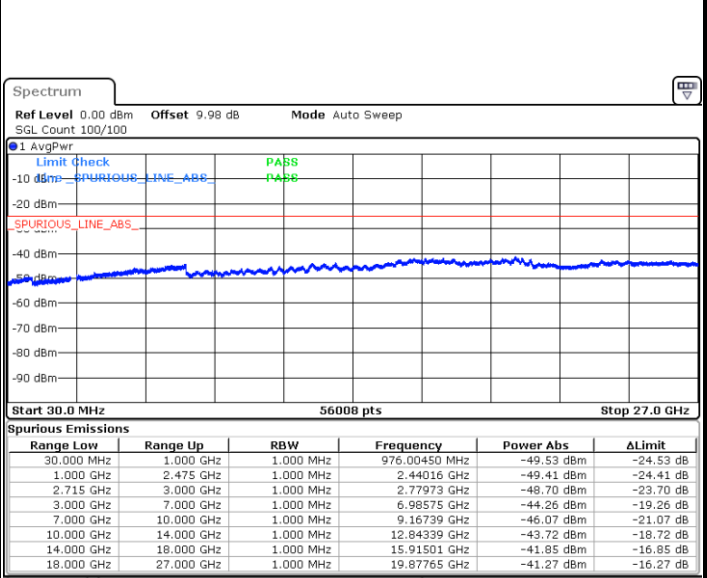
Date: 6 MAR 2020 13:59:46

Highest Channel / QPSK



Date: 6 MAR 2020 14:00:41

Highest Channel / 16QAM



Date: 6 MAR 2020 14:01:36



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	0.0013	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0090	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0102	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0052	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0106	

Note:

1. Normal Voltage =3.7 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

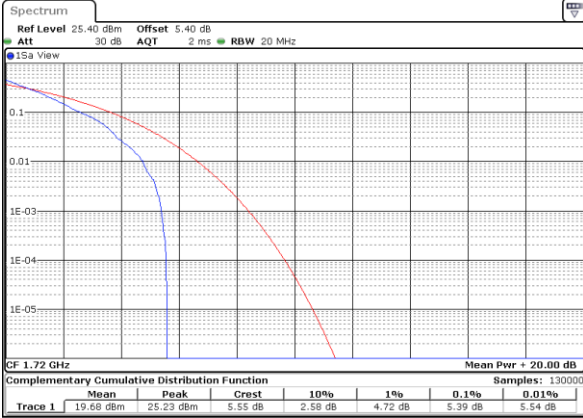
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.39	5.33	6.55	6.03	PASS
Middle CH	5.36	5.13	6.26	5.91	
Highest CH	5.07	5.07	5.71	5.97	



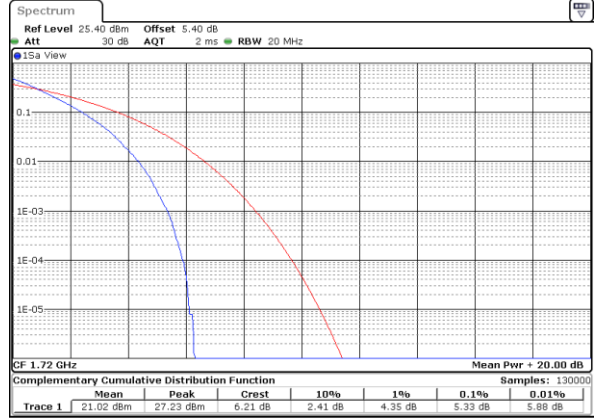
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



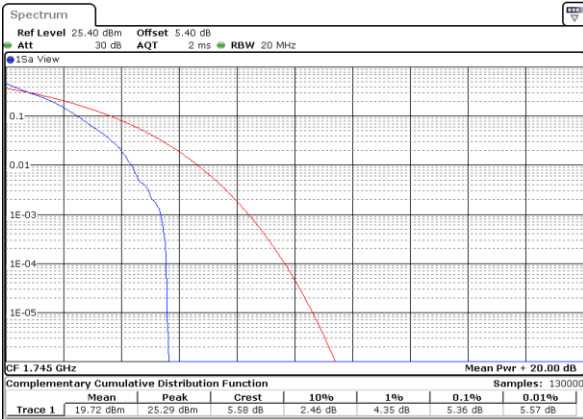
Date: 29 JAN 2020 05:59:37

Lowest Channel / Full RB



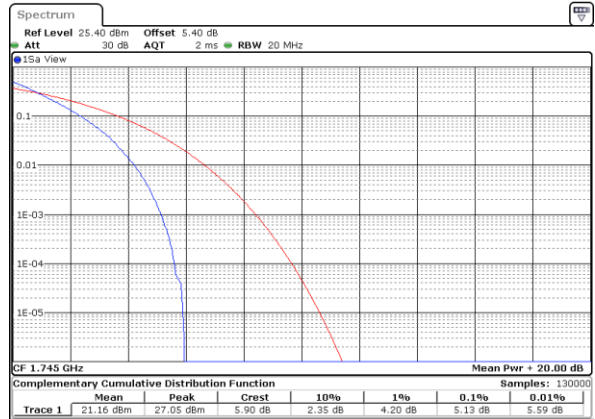
Date: 29 JAN 2020 05:54:28

Middle Channel / 1RB



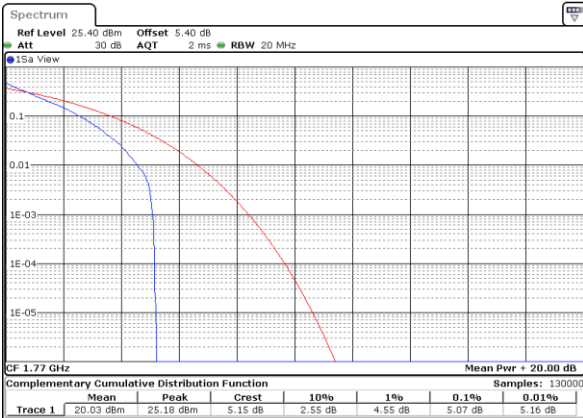
Date: 29 JAN 2020 06:00:41

Middle Channel / Full RB



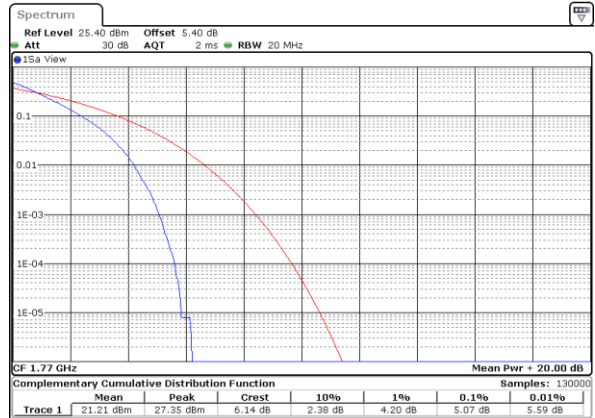
Date: 29 JAN 2020 06:06:54

Highest Channel / 1RB



Date: 29 JAN 2020 06:22:44

Highest Channel / Full RB

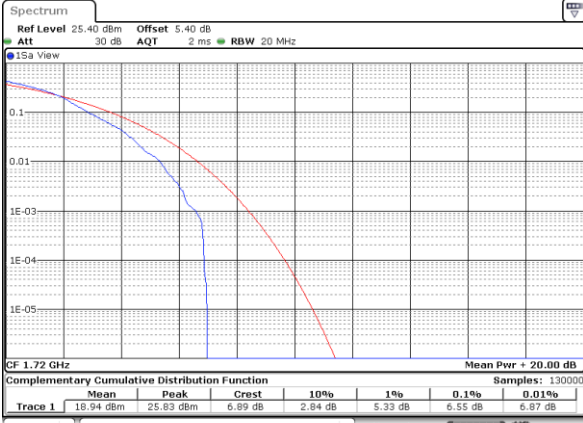


Date: 29 JAN 2020 06:08:44



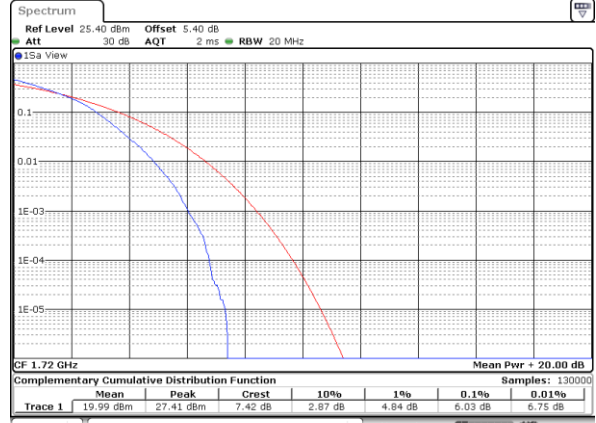
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



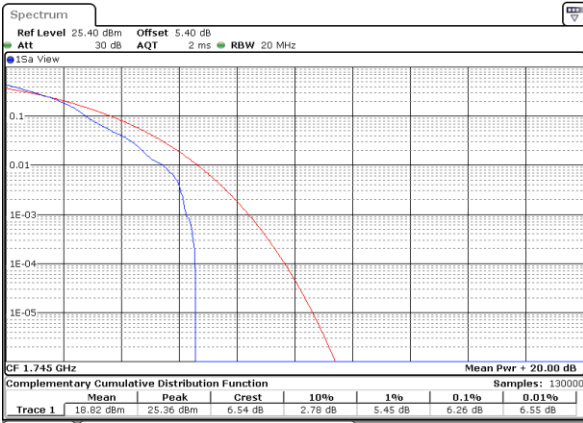
Date: 29 JAN 2020 05:58:40

Lowest Channel / Full RB



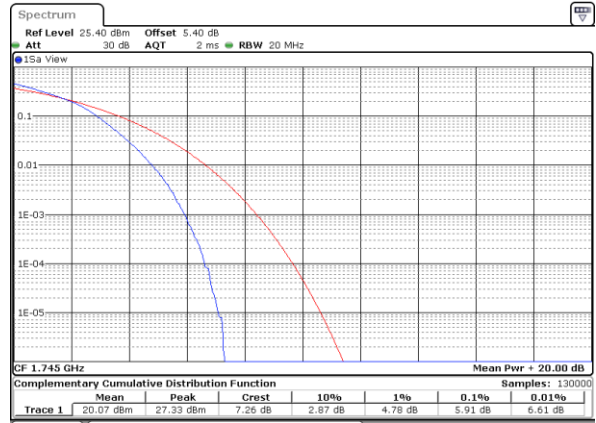
Date: 29 JAN 2020 05:55:13

Middle Channel / 1RB



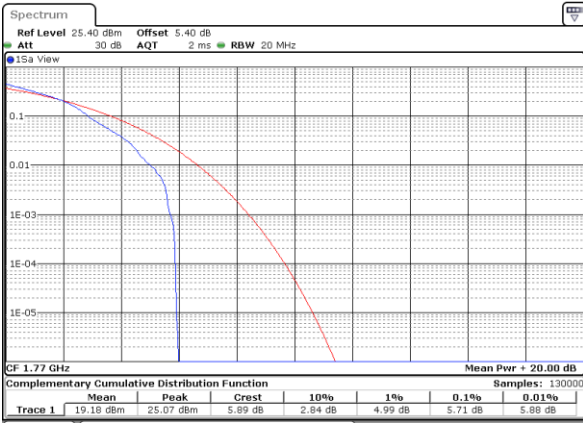
Date: 29 JAN 2020 06:04:34

Middle Channel / Full RB



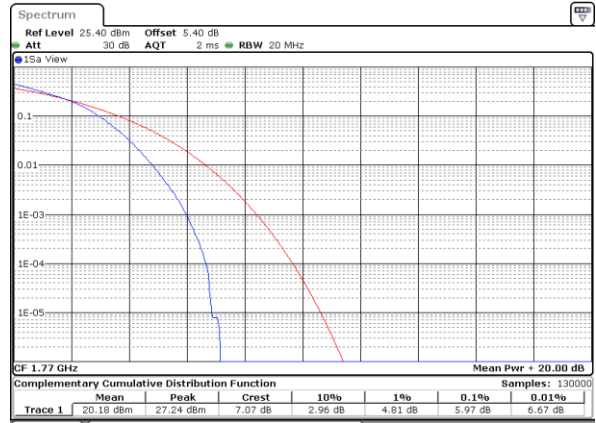
Date: 29 JAN 2020 06:06:46

Highest Channel / 1RB



Date: 29 JAN 2020 06:13:12

Highest Channel / Full RB



Date: 29 JAN 2020 06:08:23



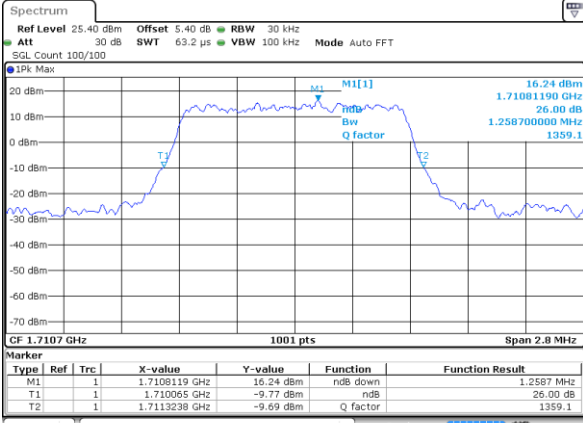
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.259	1.248	2.961	2.979	5.005	4.965	9.81	9.85	14.176	14.416	20.3	20.06
Middle CH	1.273	1.259	2.961	2.955	4.805	5.035	9.75	9.91	14.655	14.655	20.22	20.619
Highest CH	1.278	1.256	2.937	2.955	5.005	4.955	9.91	9.83	14.715	14.775	20.14	20.1



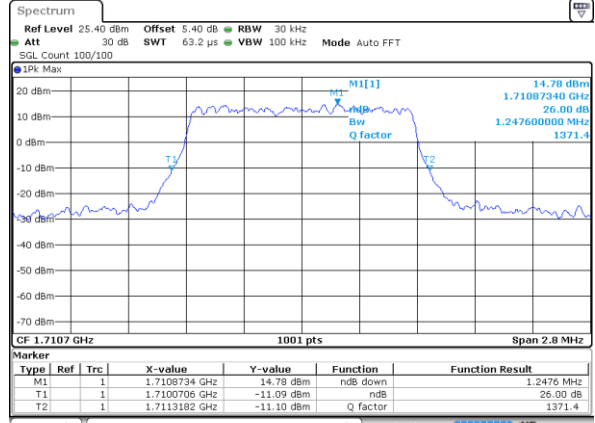
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



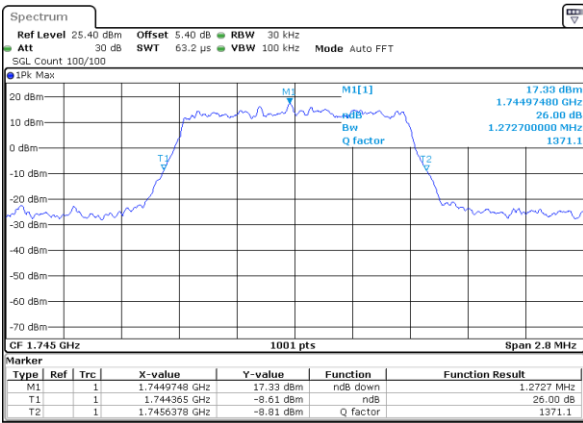
Date: 29 JAN 2020 00:58:51

Lowest Channel / 1.4MHz / 16QAM



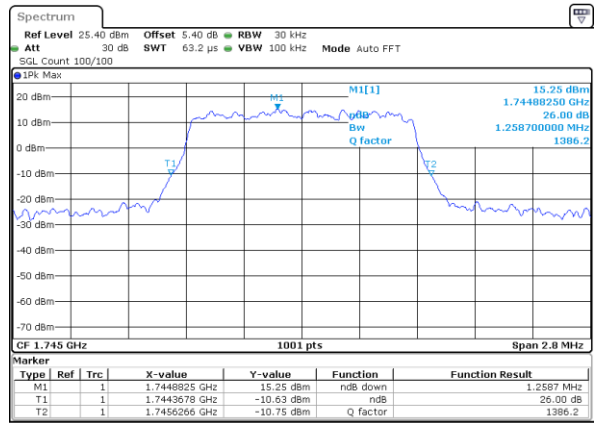
Date: 29 JAN 2020 01:00:30

Middle Channel / 1.4MHz / QPSK



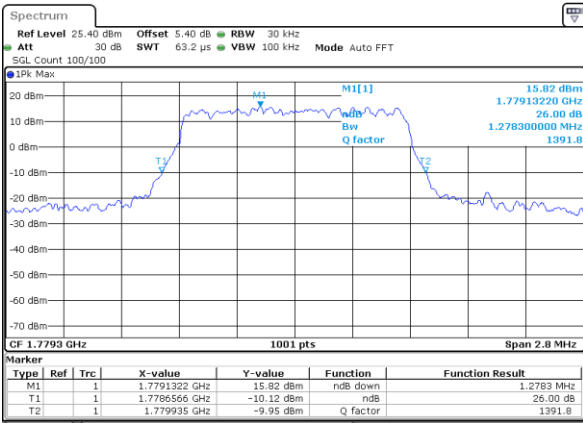
Date: 29 JAN 2020 02:12:04

Middle Channel / 1.4MHz / 16QAM



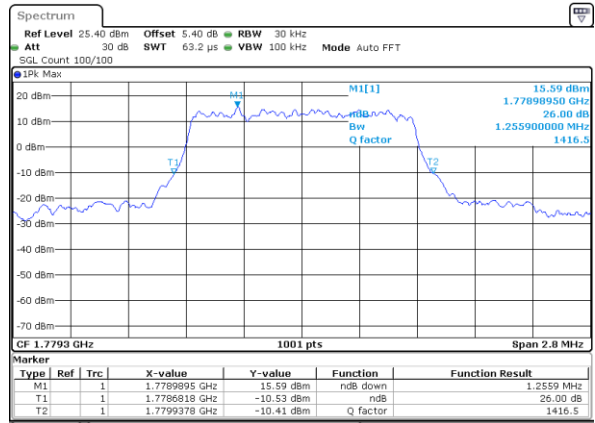
Date: 29 JAN 2020 01:49:15

Highest Channel / 1.4MHz / QPSK



Date: 29 JAN 2020 02:12:34

Highest Channel / 1.4MHz / 16QAM

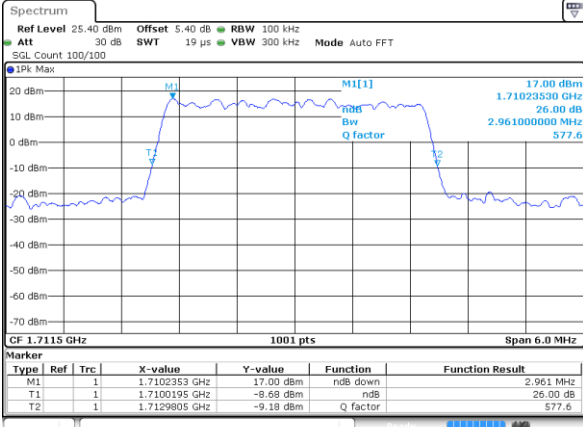


Date: 29 JAN 2020 02:16:18



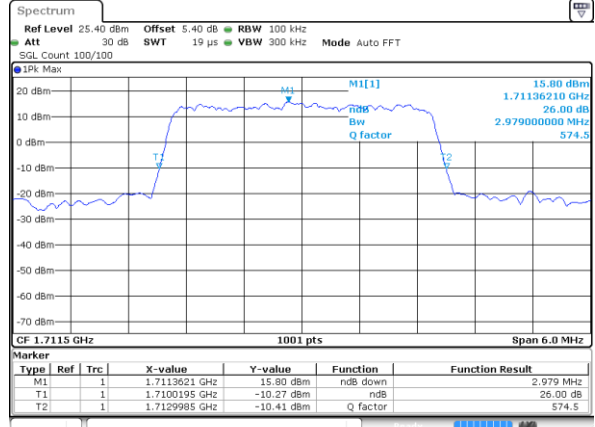
LTE Band 66

Lowest Channel / 3MHz / QPSK



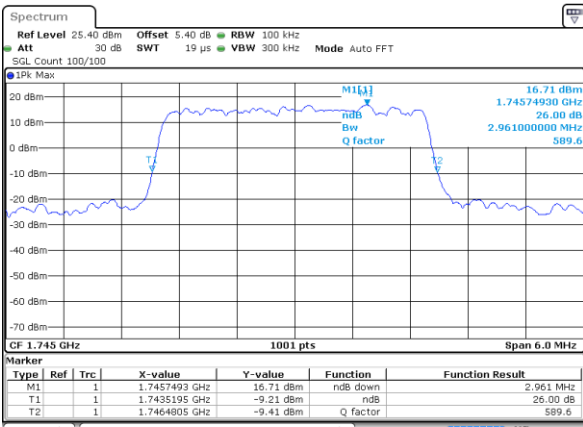
Date: 29 JAN 2020 02:38:46

Lowest Channel / 3MHz / 16QAM



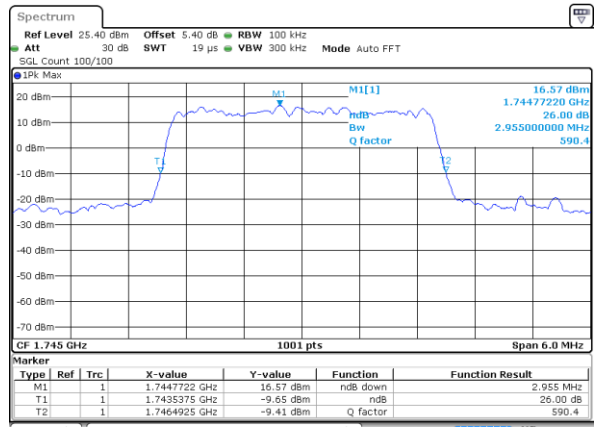
Date: 29 JAN 2020 02:37:32

Middle Channel / 3MHz / QPSK



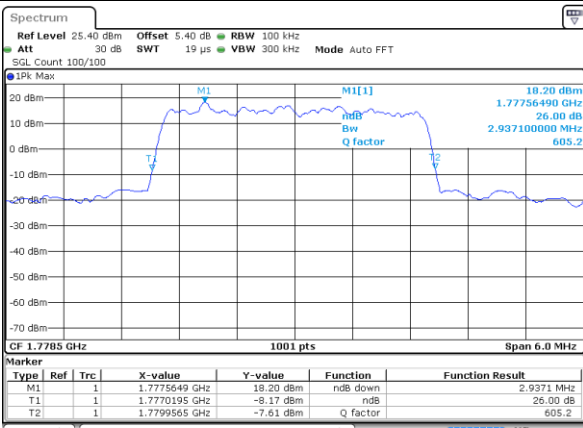
Date: 29 JAN 2020 02:42:45

Middle Channel / 3MHz / 16QAM



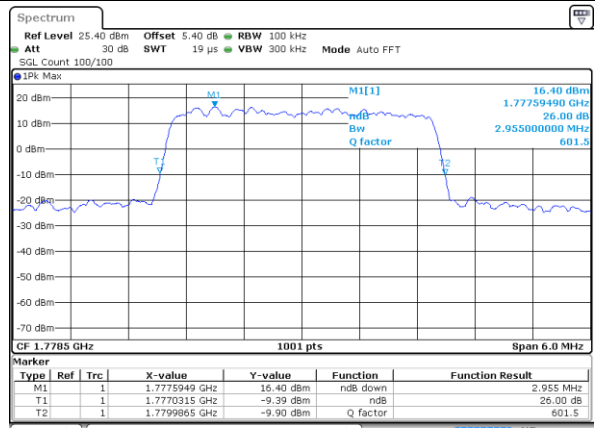
Date: 29 JAN 2020 02:43:04

Highest Channel / 3MHz / QPSK



Date: 29 JAN 2020 02:53:28

Highest Channel / 3MHz / 16QAM

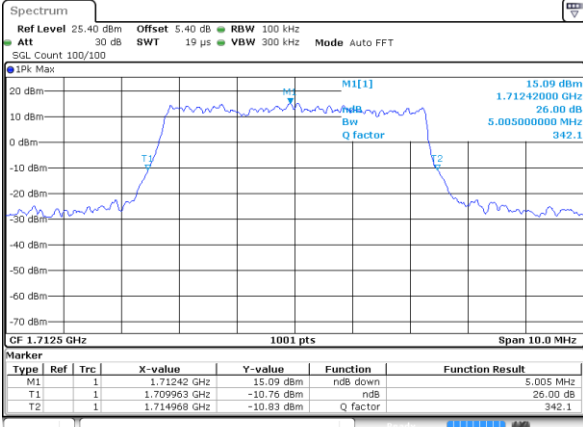


Date: 29 JAN 2020 02:54:46



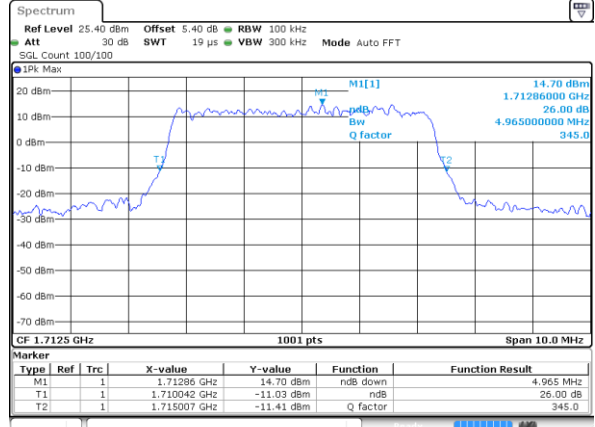
LTE Band 66

Lowest Channel / 5MHz / QPSK



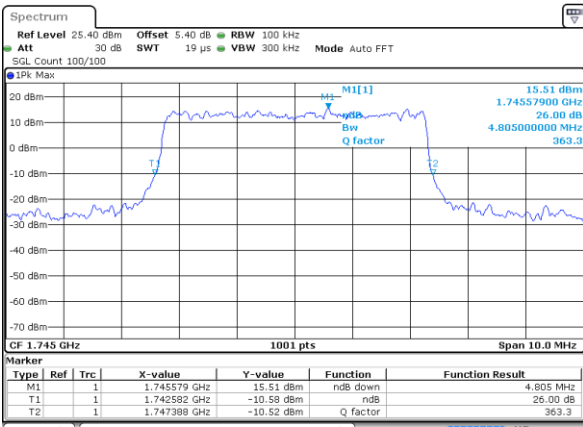
Date: 29 JAN 2020 03:35:26

Lowest Channel / 5MHz / 16QAM



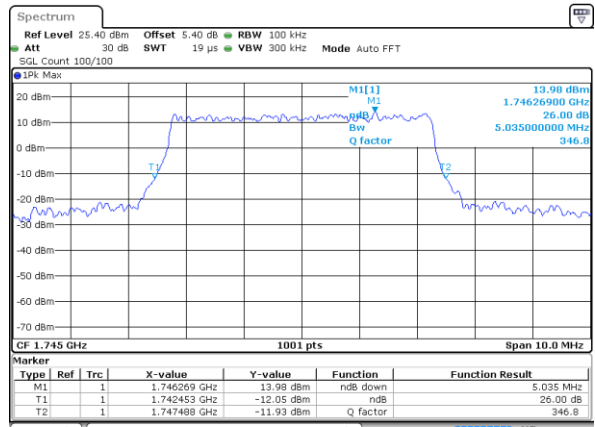
Date: 29 JAN 2020 03:36:56

Middle Channel / 5MHz / QPSK



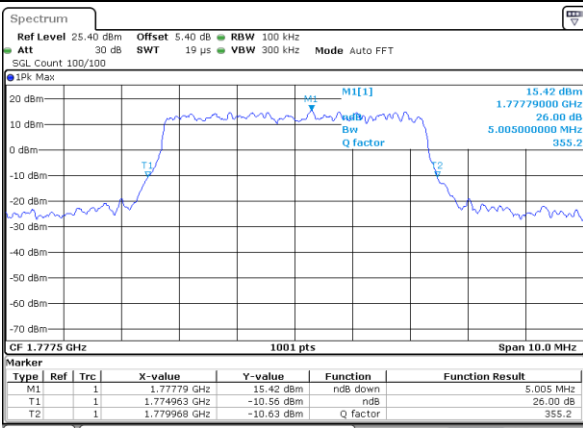
Date: 29 JAN 2020 04:10:34

Middle Channel / 5MHz / 16QAM



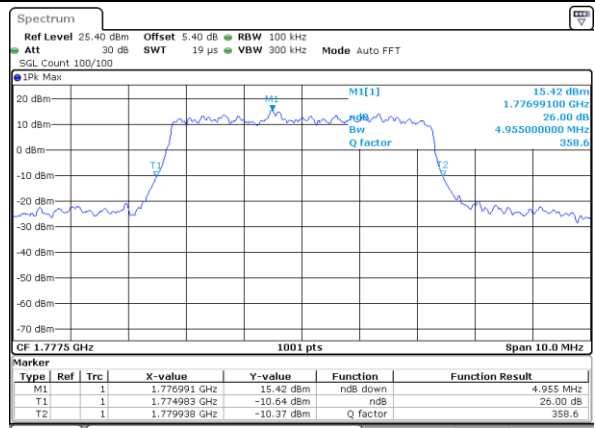
Date: 29 JAN 2020 04:10:12

Highest Channel / 5MHz / QPSK



Date: 29 JAN 2020 04:11:08

Highest Channel / 5MHz / 16QAM



Date: 29 JAN 2020 04:14:19