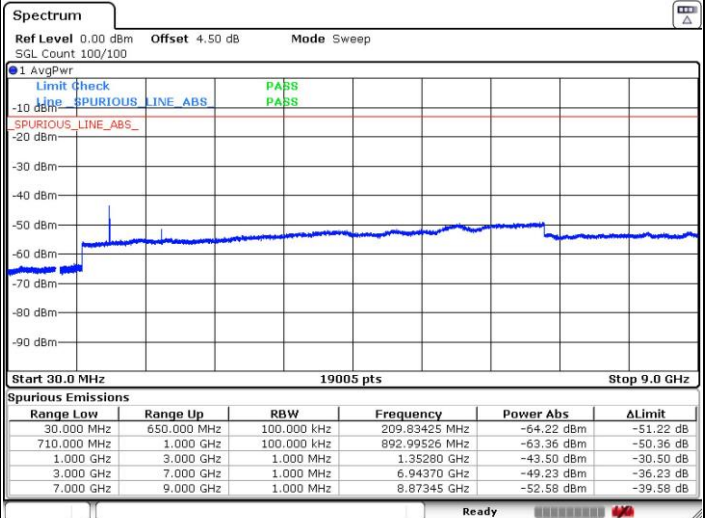
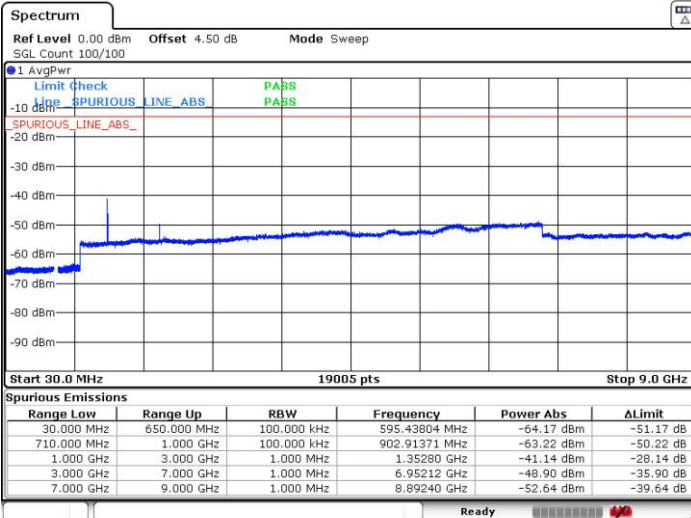




LTE Band 71 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

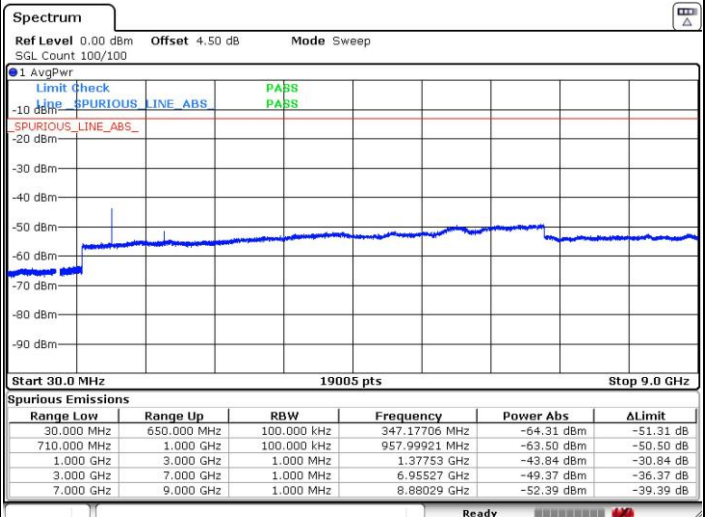
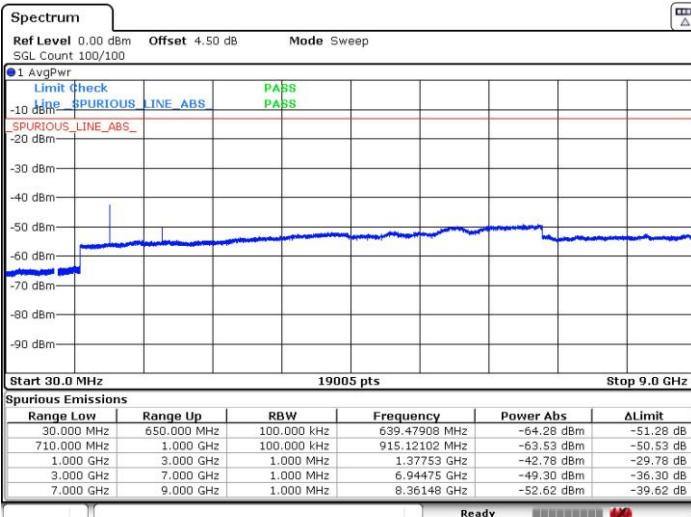


Date: 6.OCT.2018 22:52:37

Date: 6.OCT.2018 22:52:09

Highest Channel / QPSK

Highest Channel / 16QAM



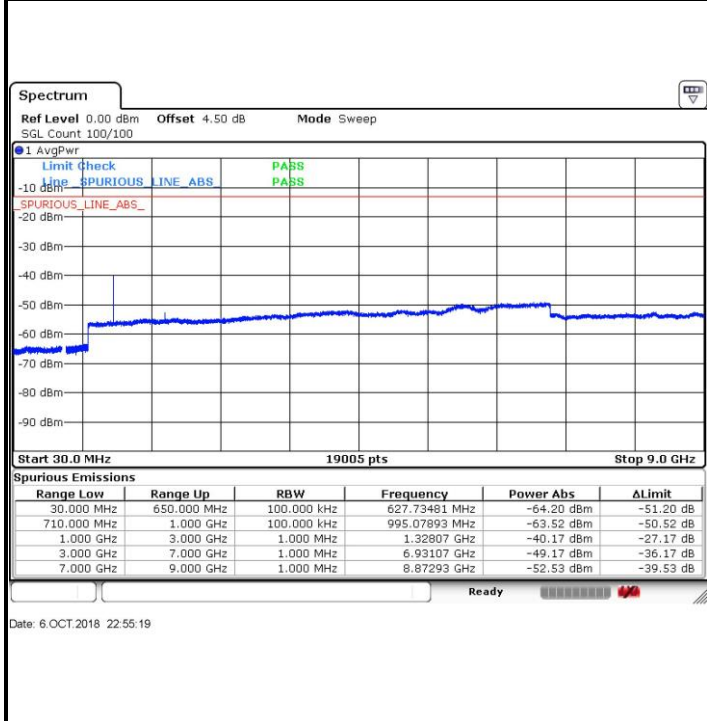
Date: 6.OCT.2018 22:53:16

Date: 6.OCT.2018 22:53:45

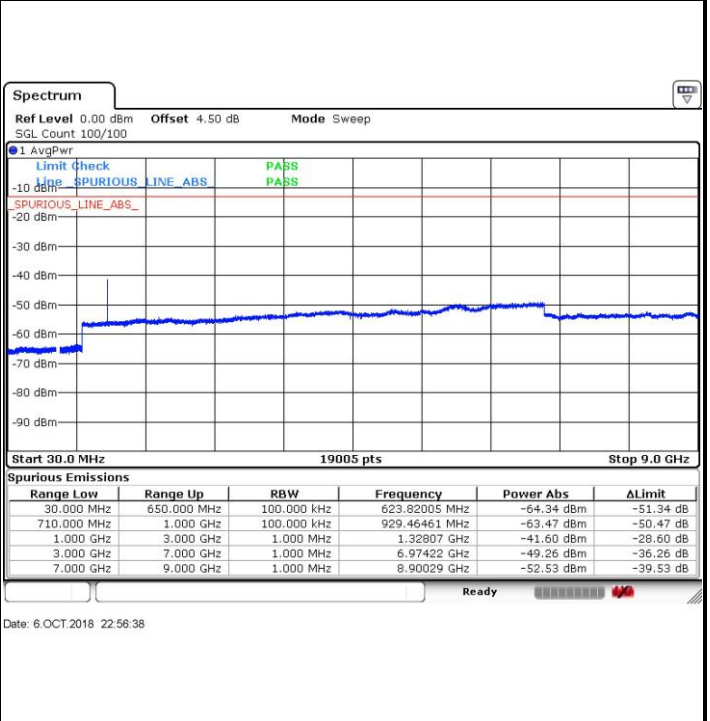


LTE Band 71 / 15MHz

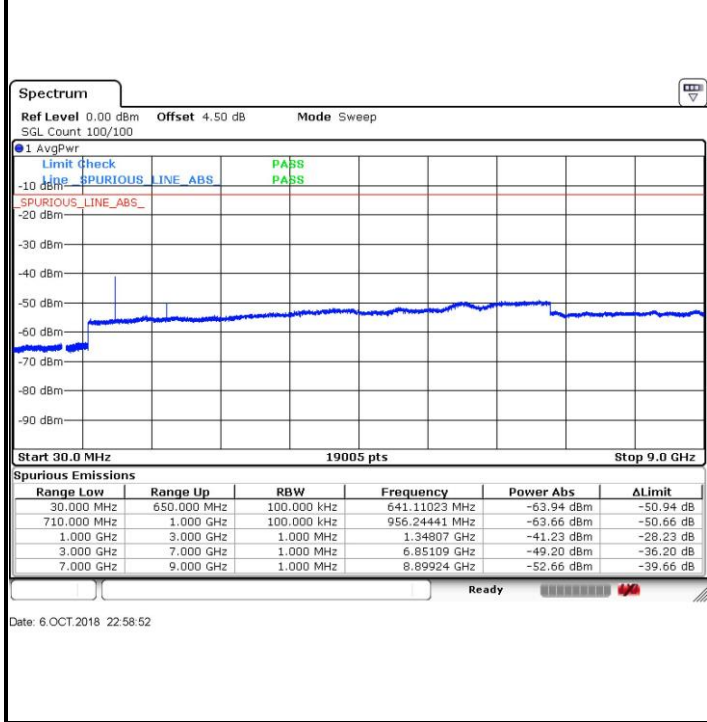
Lowest Channel / QPSK



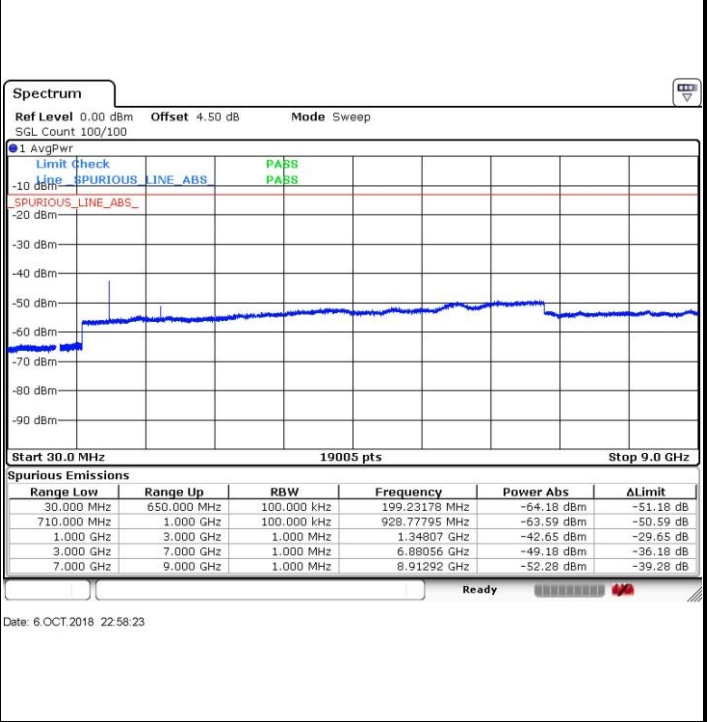
Lowest Channel / 16QAM



Middle Channel / QPSK



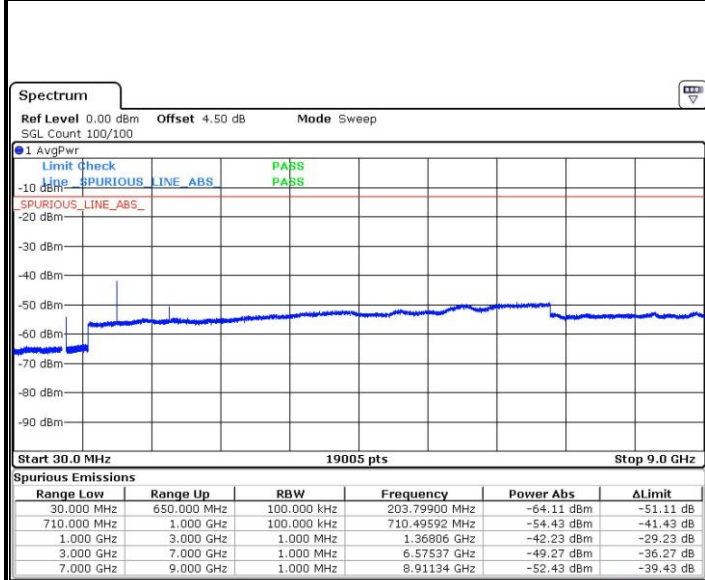
Middle Channel / 16QAM





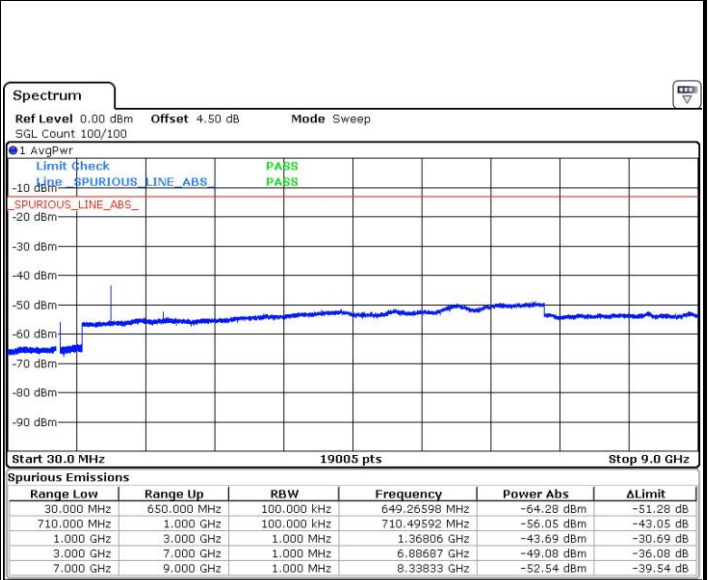
LTE Band71 / 15MHz

Highest Channel / QPSK



Date: 6.OCT.2018 22:59:25

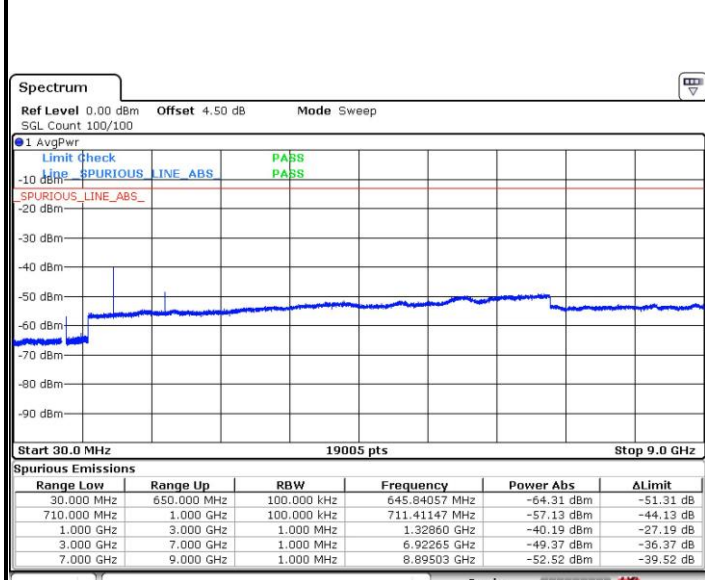
Highest Channel / 16QAM



Date: 6.OCT.2018 22:59:52

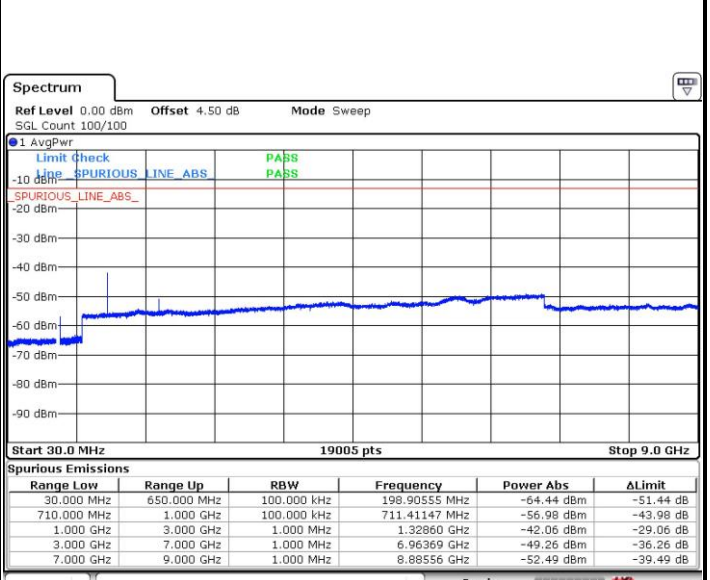
LTE Band 71 / 20MHz

Lowest Channel / QPSK



Date: 6.OCT.2018 23:03:30

Lowest Channel / 16QAM

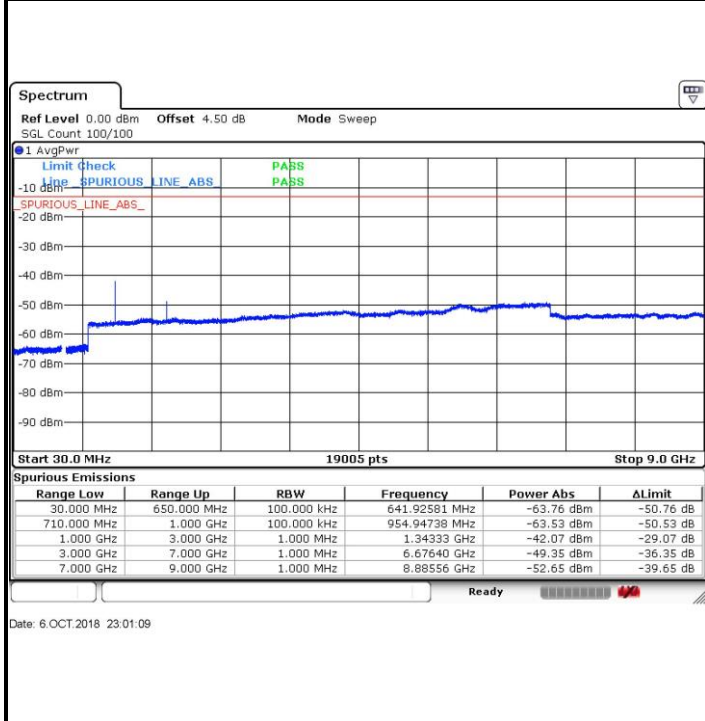


Date: 6.OCT.2018 23:03:54

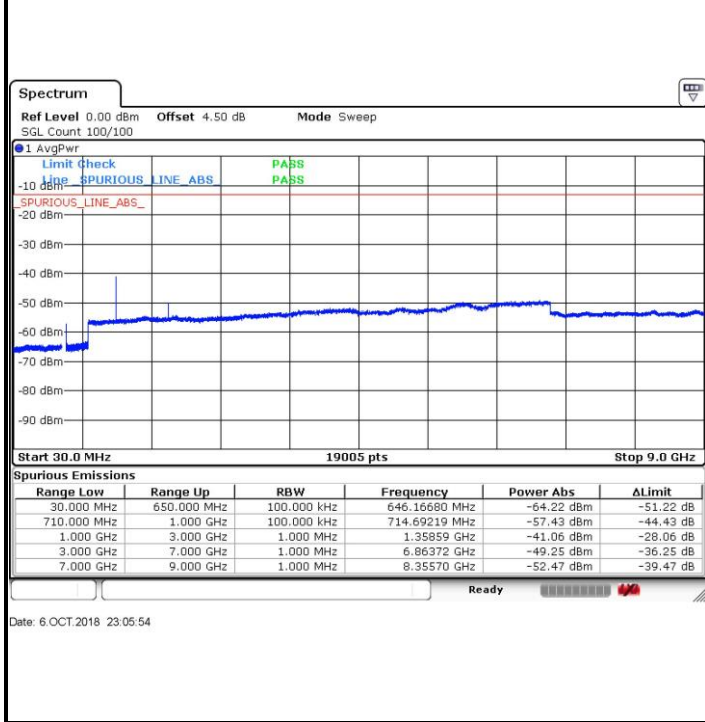


LTE Band 71 / 20MHz

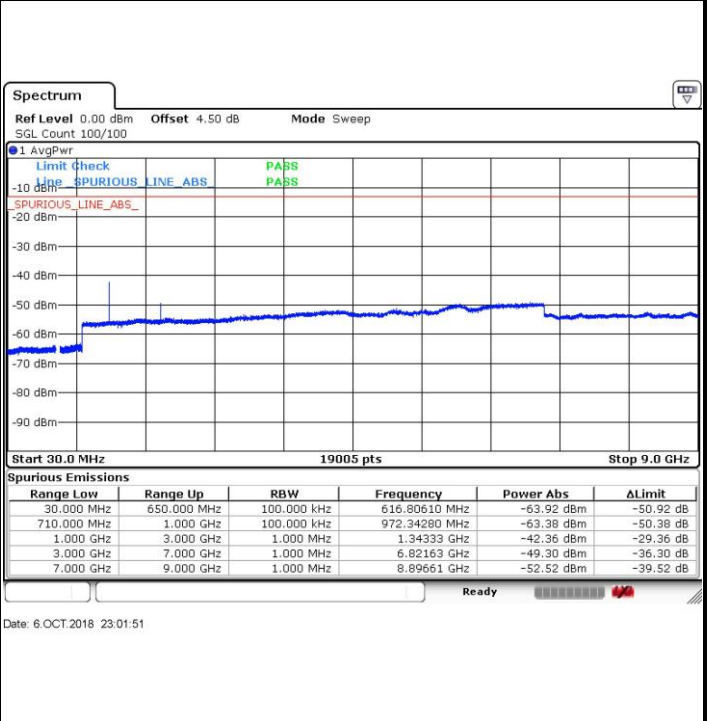
Middle Channel / QPSK



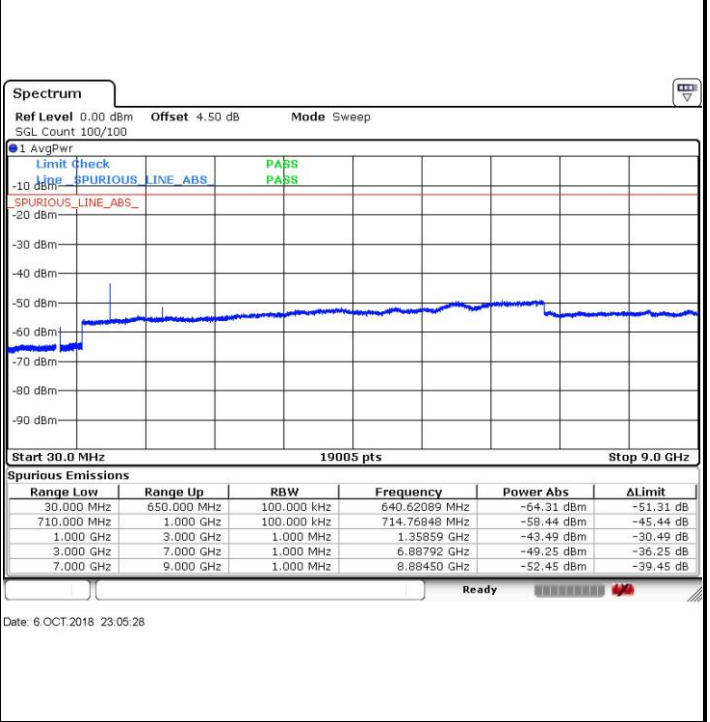
Highest Channel / QPSK



Middle Channel / 16QAM



Highest Channel / 16QAM

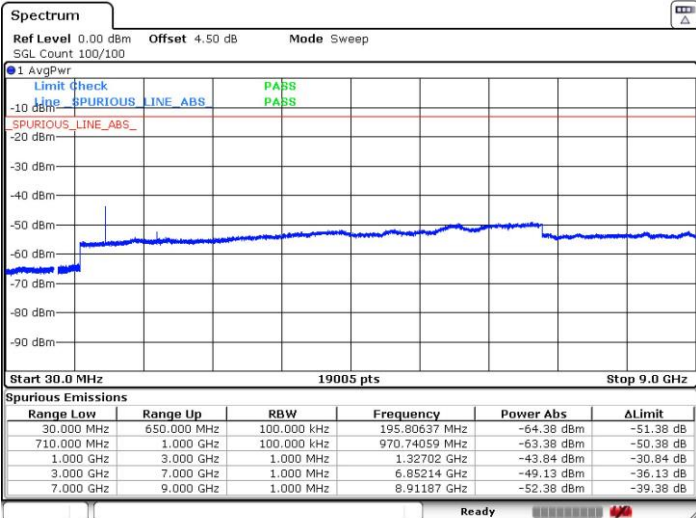




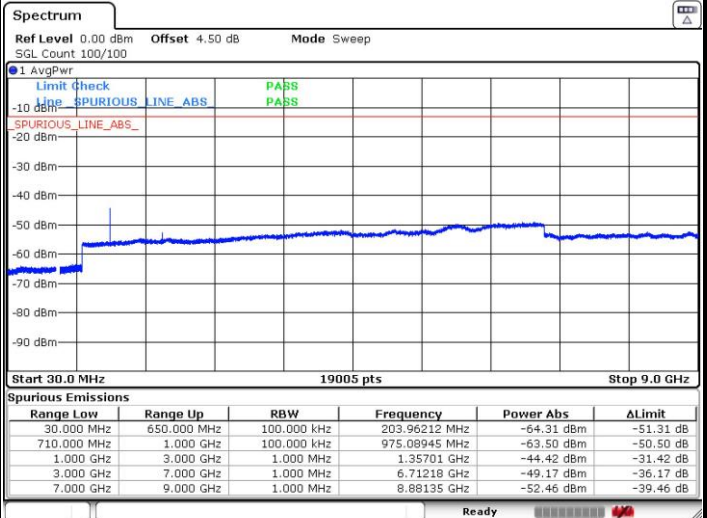
LTE Band 71 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

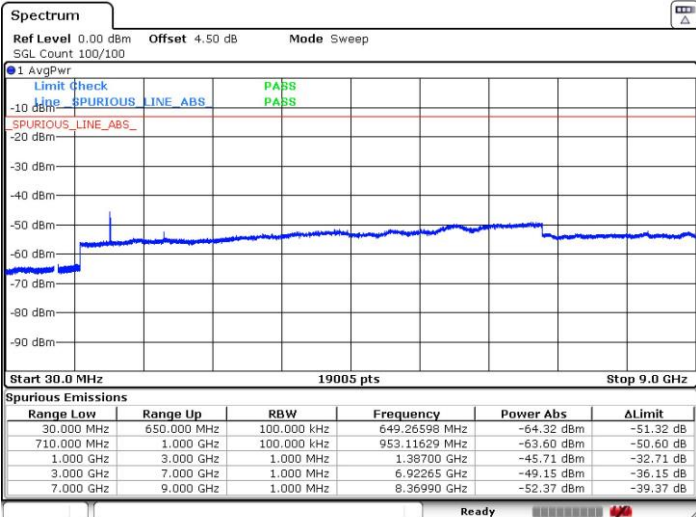


Date: 6.OCT.2018 22:46:07



Date: 6.OCT.2018 22:46:43

Highest Channel / 64QAM



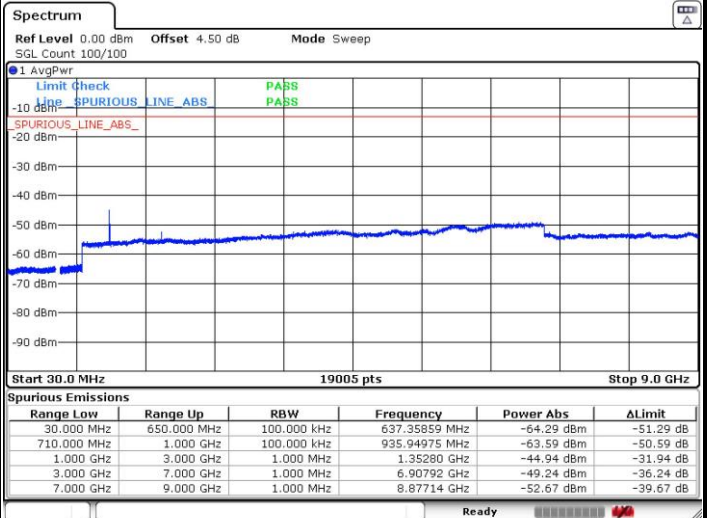
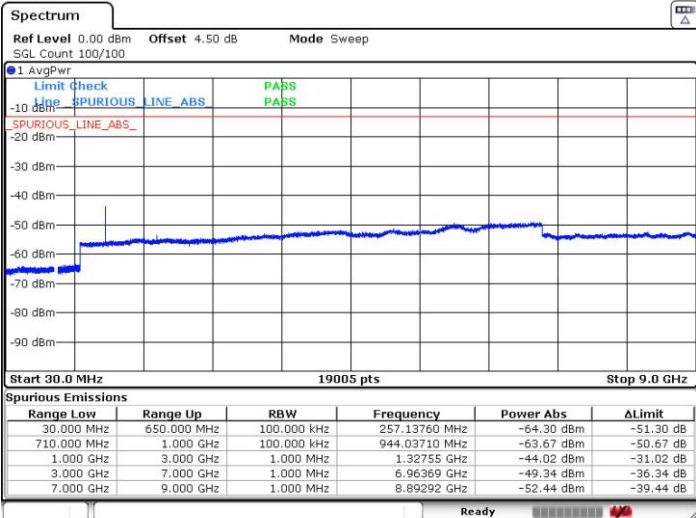
Date: 6.OCT.2018 22:49:06



LTE Band 71 / 10MHz

Lowest Channel / 64QAM

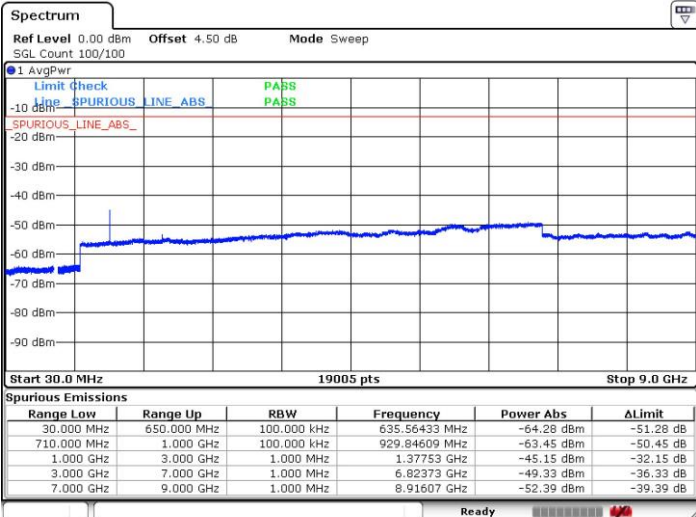
Middle Channel / 64QAM



Date: 6.OCT.2018 22:51:13

Date: 6.OCT.2018 22:51:42

Highest Channel / 64QAM



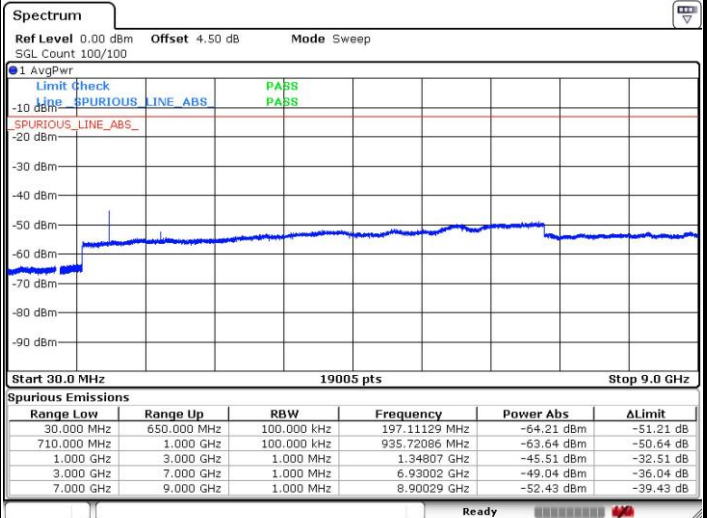
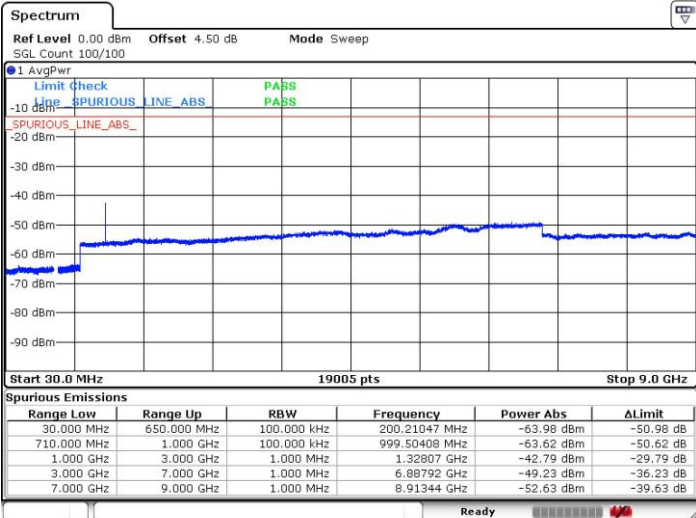
Date: 6.OCT.2018 22:54:15



LTE Band 71 / 15MHz

Lowest Channel / 64QAM

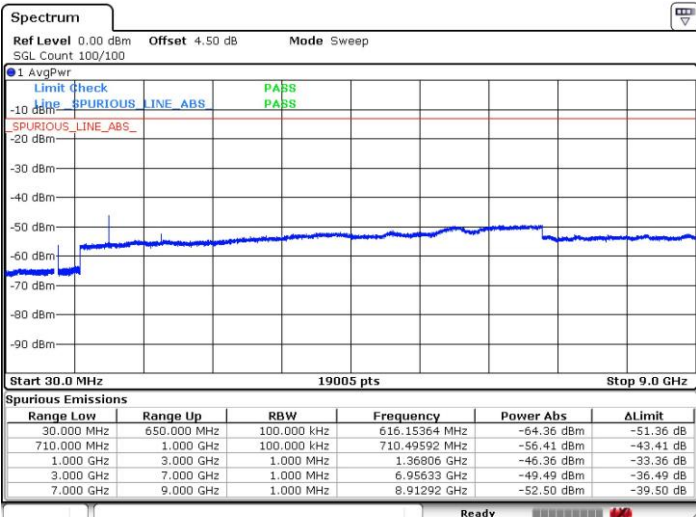
Middle Channel / 64QAM



Date: 6.OCT.2018 22:57:16

Date: 6.OCT.2018 22:57:52

Highest Channel / 64QAM



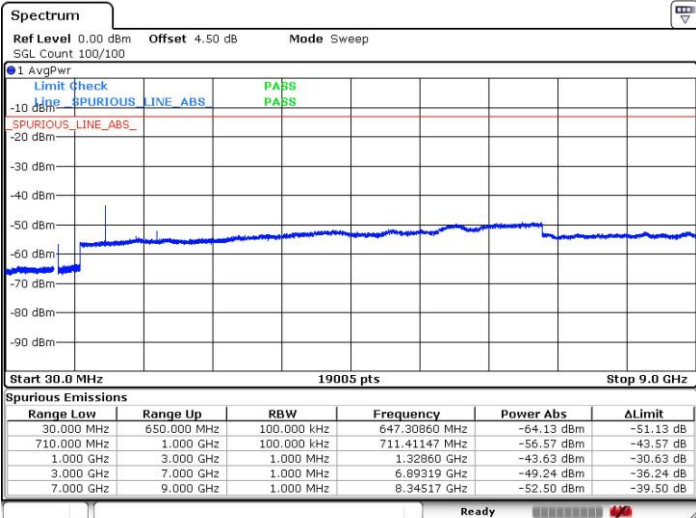
Date: 6.OCT.2018 23:00:21



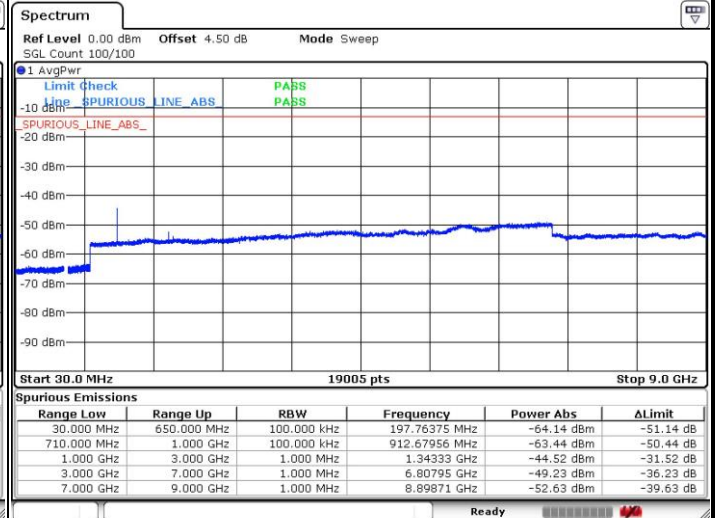
LTE Band 71 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

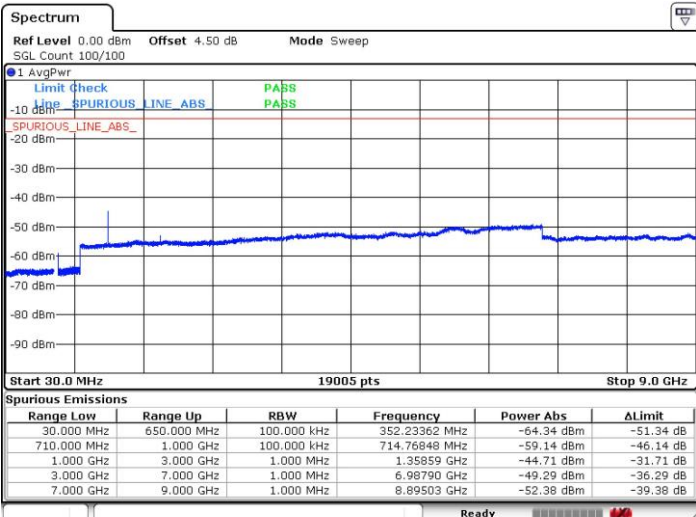


Date: 6.OCT.2018 23:04:19



Date: 6.OCT.2018 23:02:19

Highest Channel / 64QAM



Date: 6.OCT.2018 23:04:59



Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0050	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0046	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.925	25.225	29.91	25.375	30.509
Middle CH	25.075	25.325	29.97	25.524	30.569
Highest CH	25.075	25.325	30.09	25.475	30.749
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.825	25.175	30.09	34.895	39.56
Middle CH	34.895	25.125	30.09	34.895	39.88
Highest CH	34.775	25.125	30.09	34.965	39.64

Mode	LTE Band 41 : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.775	25.225	29.85	25.425	30.629
Middle CH	24.925	25.425	29.79	25.524	30.629
Highest CH	24.825	25.325	29.79	25.475	30.629
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.825	25.075	29.97	35.035	39.72
Middle CH	34.895	25.025	30.15	34.965	39.80
Highest CH	34.825	25.175	30.09	34.965	39.72

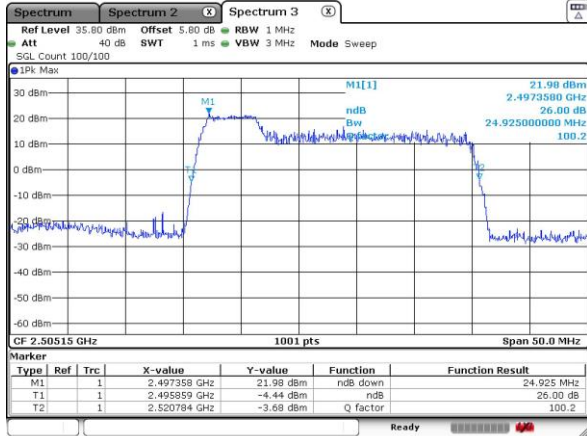
Mode	LTE Band 41 : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	25.025	25.225	29.79	25.475	30.569
Middle CH	24.975	25.275	29.85	25.524	30.509
Highest CH	24.825	25.275	29.85	25.475	30.569
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.825	25.075	30.03	34.685	39.80
Middle CH	34.895	25.075	30.21	34.965	39.64
Highest CH	34.825	25.125	30.09	35.035	39.64



LTE Band 41

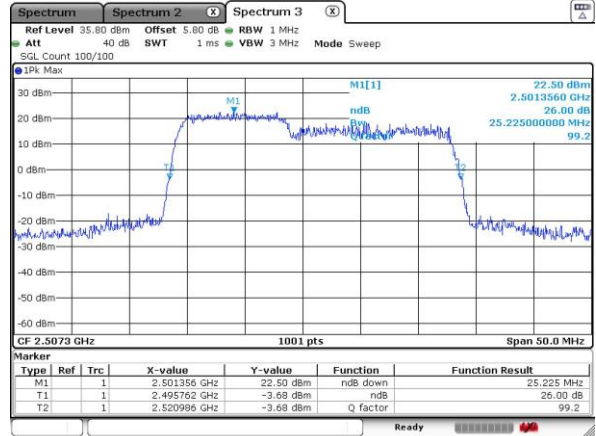
QPSK

Lowest Channel / 5MHz+20MHz



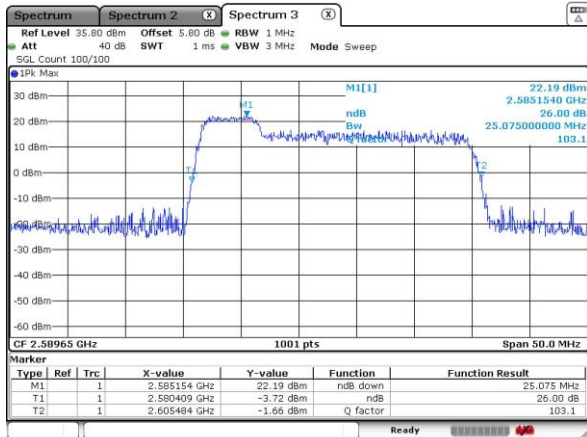
Date: 29 OCT 2018 21:02:54

Lowest Channel / 10MHz+15MHz



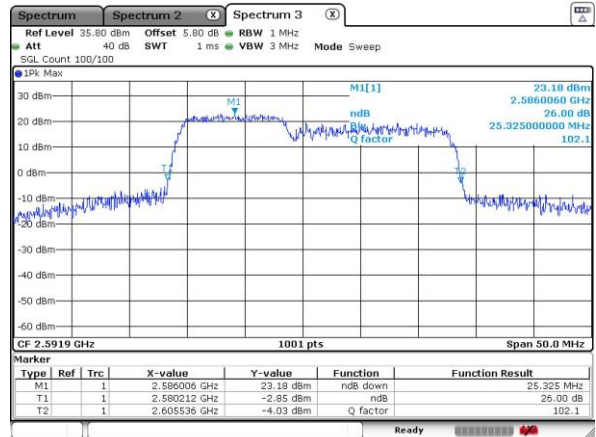
Date: 29 OCT 2018 22:02:21

Middle Channel / 5MHz+20MHz



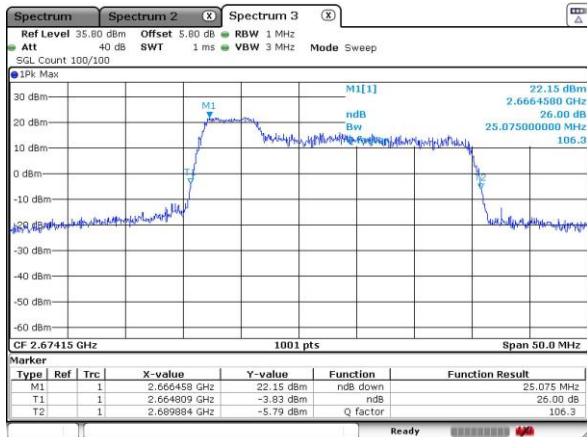
Date: 29 OCT 2018 21:18:08

Middle Channel / 10MHz+15MHz



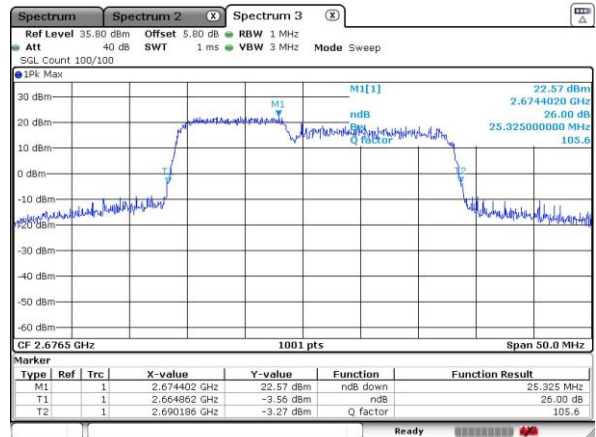
Date: 29 OCT 2018 22:15:44

Highest Channel / 5MHz+20MHz



Date: 29 OCT 2018 21:19:56

Highest Channel / 10MHz+15MHz



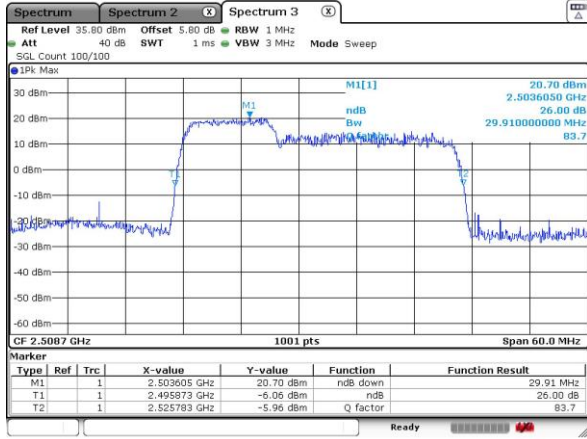
Date: 29 OCT 2018 22:17:29



LTE Band 41

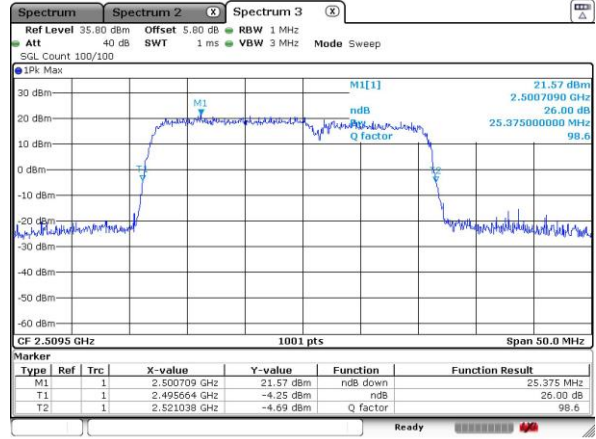
QPSK

Lowest Channel / 10MHz+20MHz



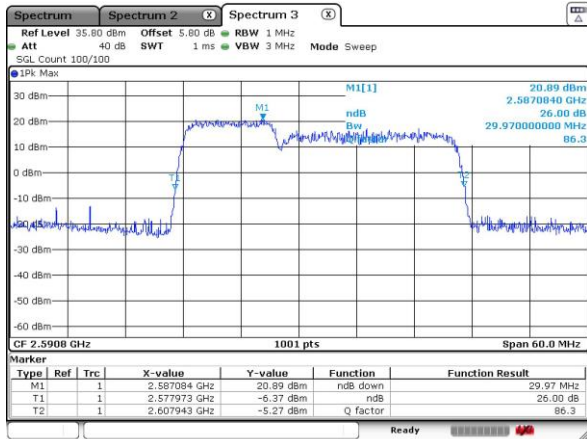
Date: 29 OCT 2018 22:44:47

Lowest Channel / 15MHz+10MHz



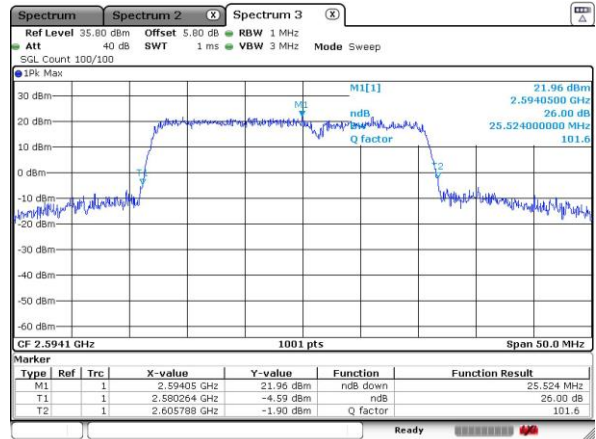
Date: 29 OCT 2018 22:24:32

Middle Channel / 10MHz+20MHz



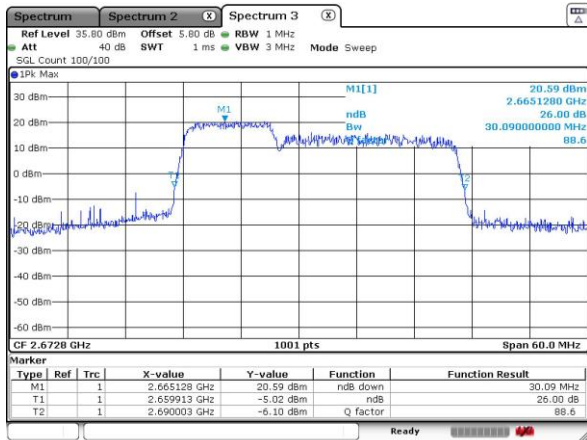
Date: 29 OCT 2018 22:54:48

Middle Channel / 15MHz+10MHz



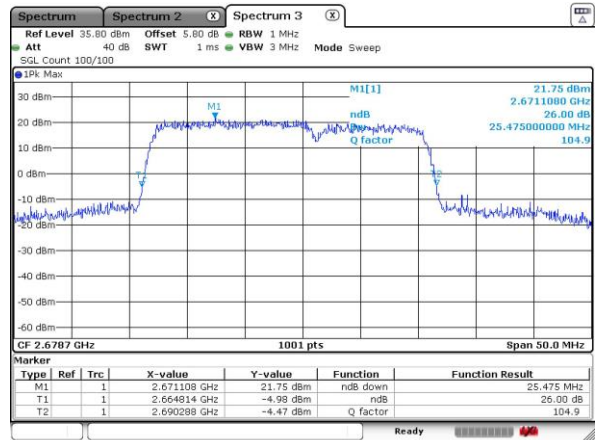
Date: 29 OCT 2018 22:34:23

Highest Channel / 10MHz+20MHz



Date: 29 OCT 2018 22:56:20

Highest Channel / 15MHz+10MHz



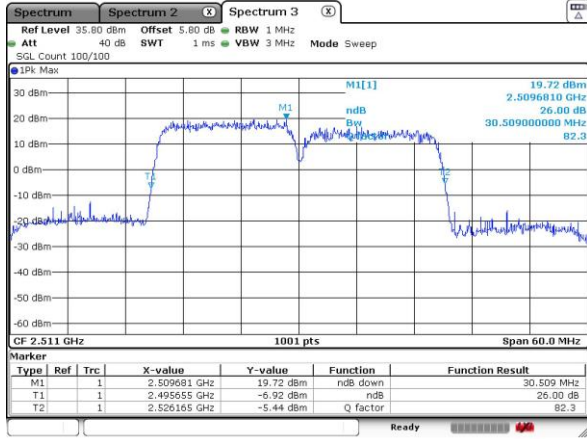
Date: 29 OCT 2018 22:38:26



LTE Band 41

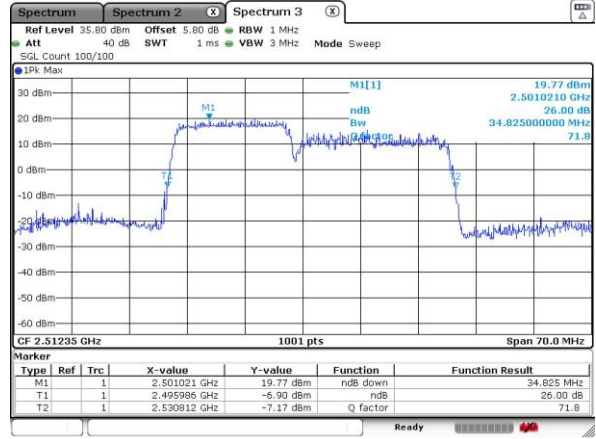
QPSK

Lowest Channel / 15MHz+15MHz



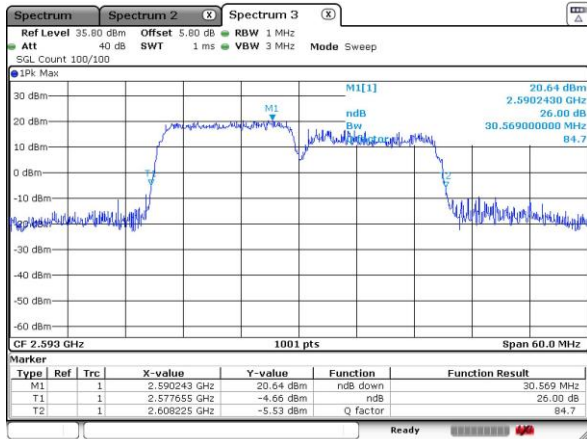
Date: 29 OCT 2016 23:32:02

Lowest Channel / 15MHz+20MHz



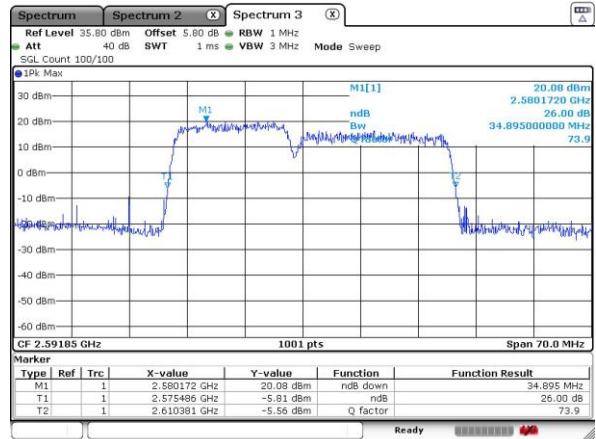
Date: 29 OCT 2016 23:53:19

Middle Channel / 15MHz+15MHz



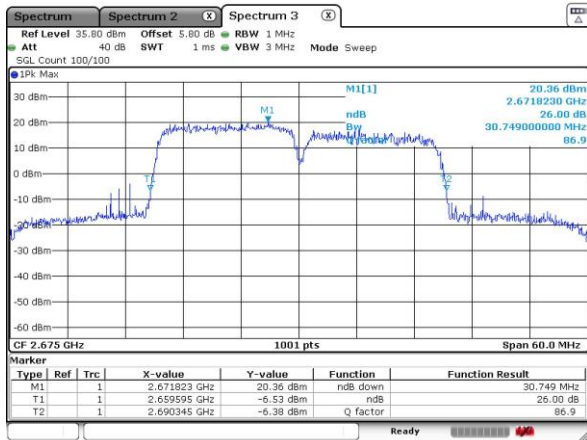
Date: 29 OCT 2016 23:42:49

Middle Channel / 15MHz+20MHz



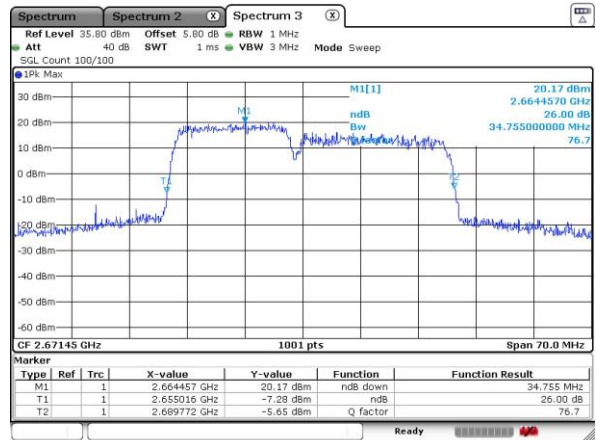
Date: 30 OCT 2016 00:03:51

Highest Channel / 15MHz+15MHz



Date: 29 OCT 2016 23:44:23

Highest Channel / 15MHz+20MHz



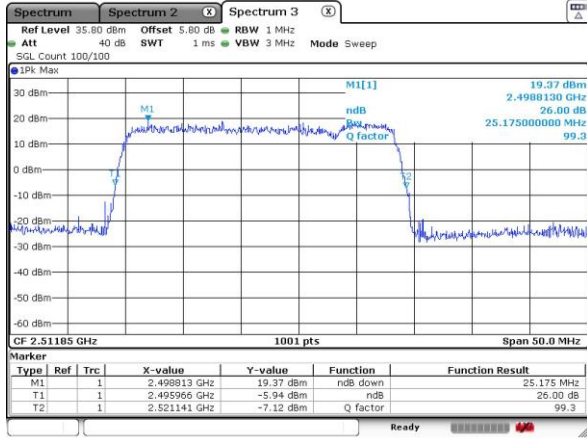
Date: 30 OCT 2016 00:05:34



LTE Band 41

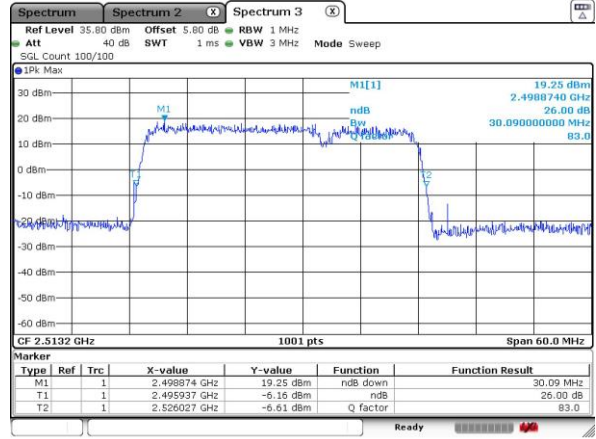
QPSK

Lowest Channel / 20MHz+5MHz



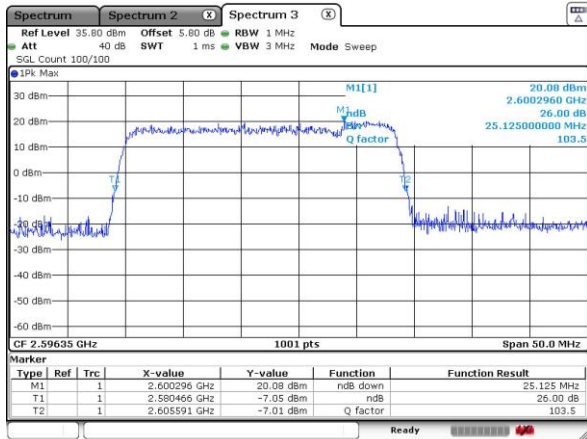
Date: 29 OCT 2018 21:28:16

Lowest Channel / 20MHz+10MHz



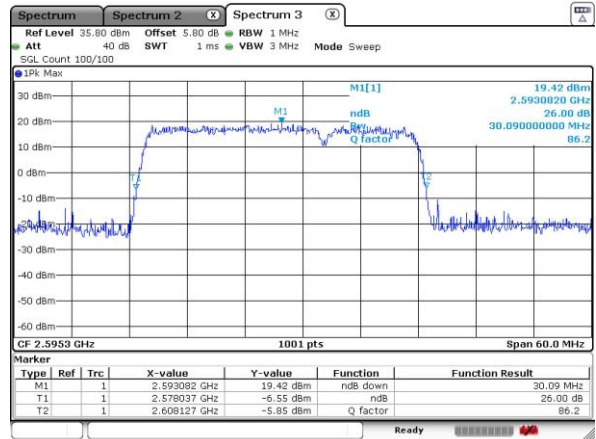
Date: 29 OCT 2018 23:09:01

Middle Channel / 20MHz+5MHz



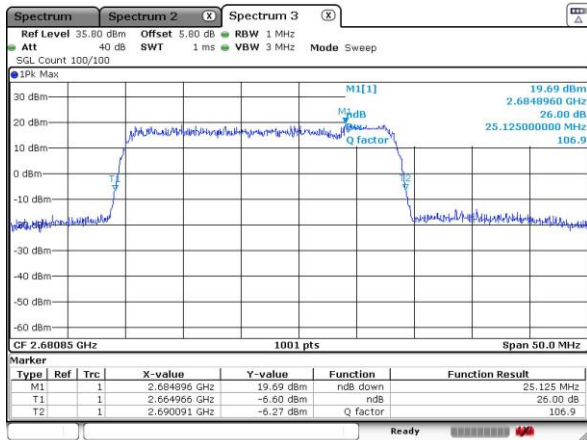
Date: 29 OCT 2018 21:39:23

Middle Channel / 20MHz+10MHz



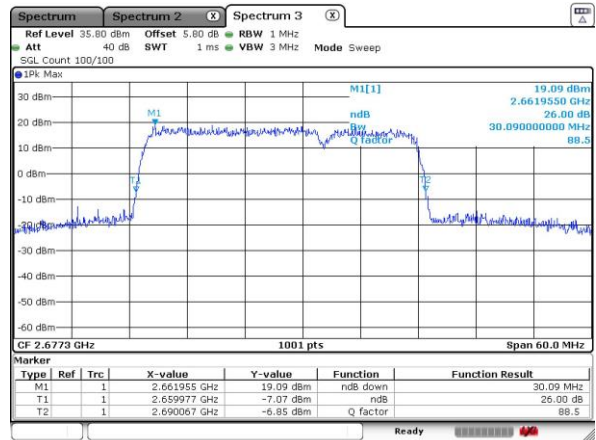
Date: 29 OCT 2018 23:19:08

Highest Channel / 20MHz+5MHz



Date: 29 OCT 2018 21:41:23

Highest Channel / 20MHz+10MHz



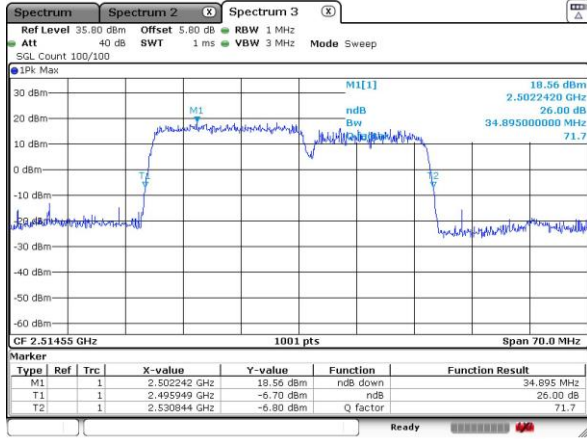
Date: 29 OCT 2018 23:20:35



LTE Band 41

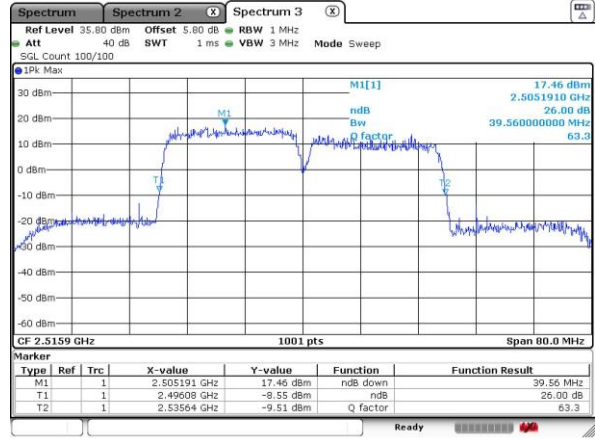
QPSK

Lowest Channel / 20MHz+15MHz



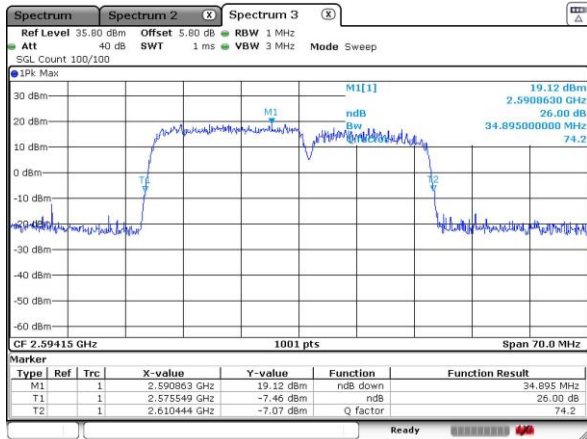
Date: 30 OCT 2018 00:23:47

Lowest Channel / 20MHz+20MHz



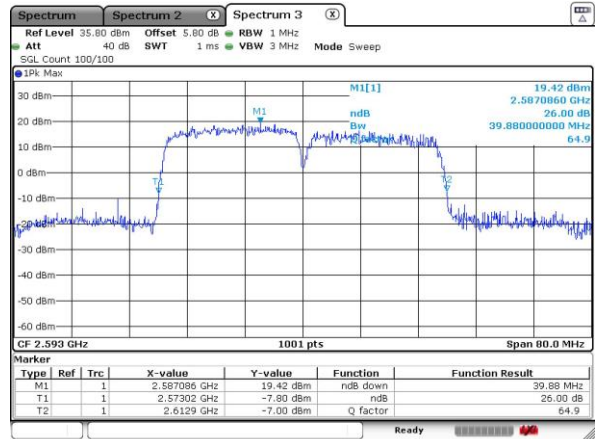
Date: 30 OCT 2018 00:41:46

Middle Channel / 20MHz+15MHz



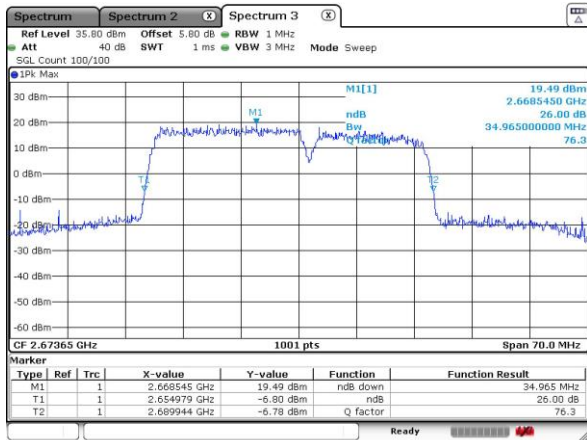
Date: 30 OCT 2018 00:33:55

Middle Channel / 20MHz+20MHz



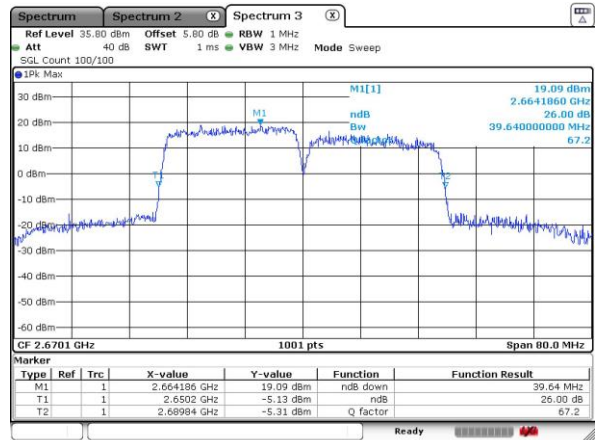
Date: 30 OCT 2018 00:53:02

Highest Channel / 20MHz+15MHz



Date: 30 OCT 2018 00:35:26

Highest Channel / 20MHz+20MHz



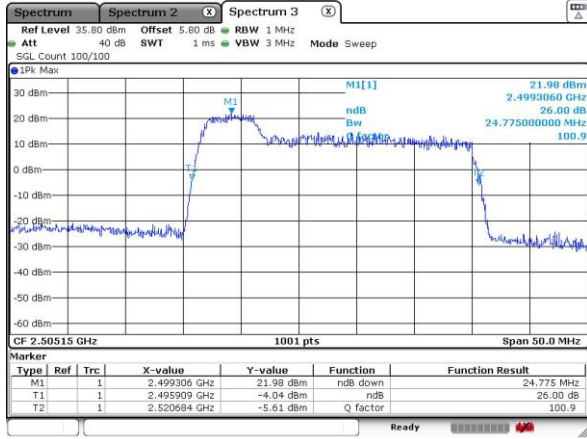
Date: 30 OCT 2018 00:54:31



LTE Band 41

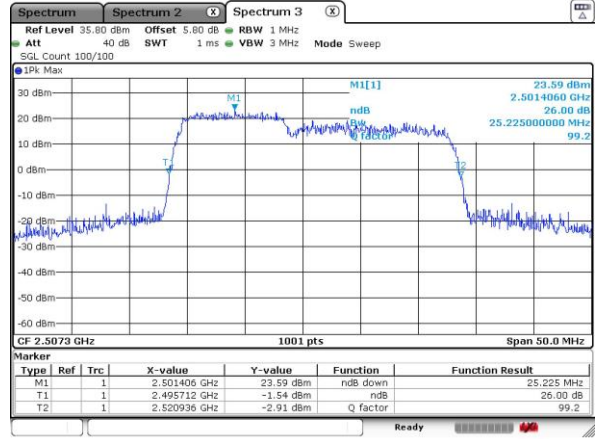
16QAM

Lowest Channel / 5MHz+20MHz



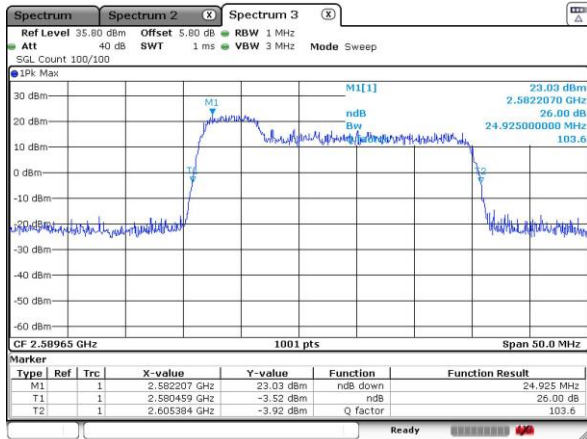
Date: 29 OCT 2016 21:03:43

Lowest Channel / 10MHz+15MHz



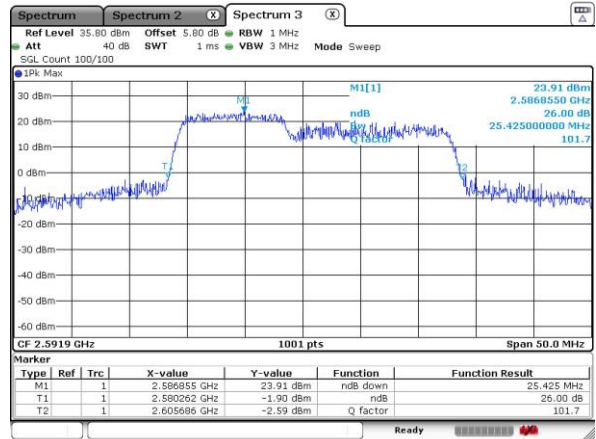
Date: 29 OCT 2016 22:03:21

Middle Channel / 5MHz+20MHz



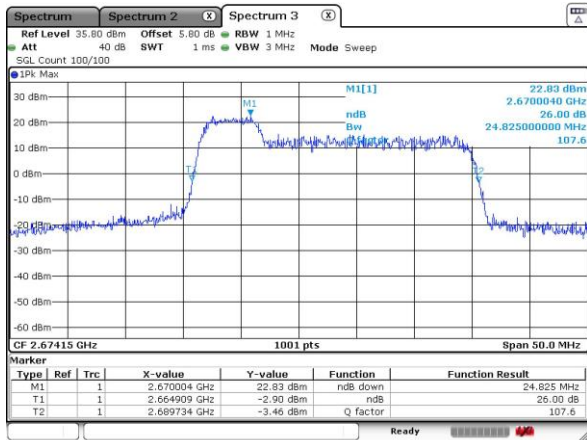
Date: 29 OCT 2016 21:17:36

Middle Channel / 10MHz+15MHz



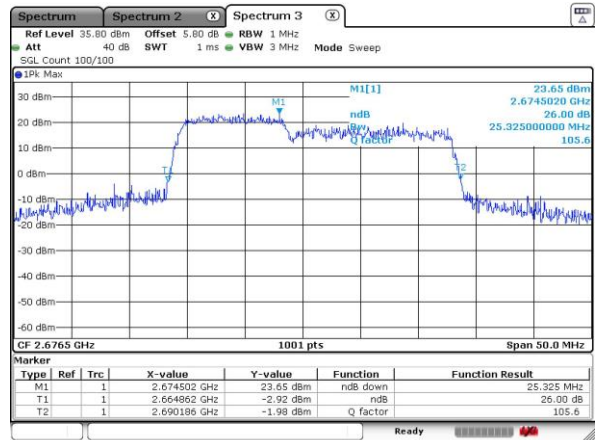
Date: 29 OCT 2016 22:15:00

Highest Channel / 5MHz+20MHz



Date: 29 OCT 2016 21:20:53

Highest Channel / 10MHz+15MHz



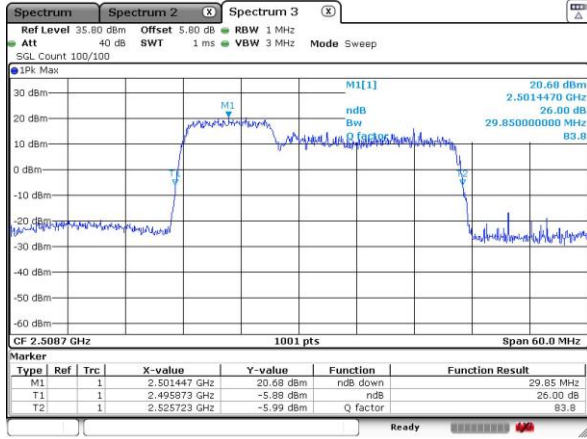
Date: 29 OCT 2016 22:17:54



LTE Band 41

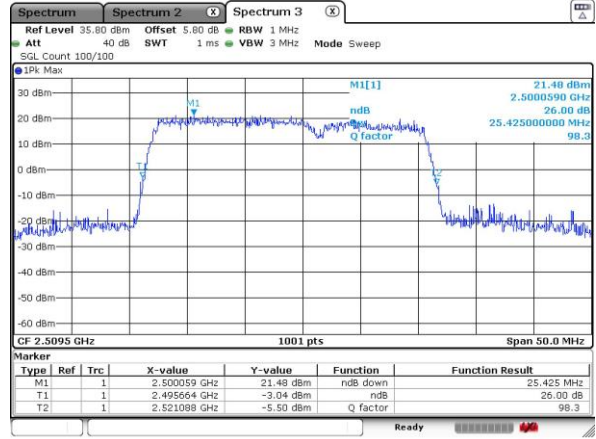
16QAM

Lowest Channel / 10MHz+20MHz



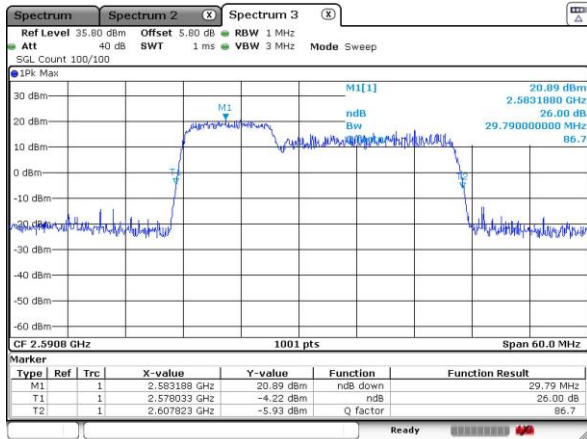
Date: 29 OCT 2018 22:45:16

Lowest Channel / 15MHz+10MHz



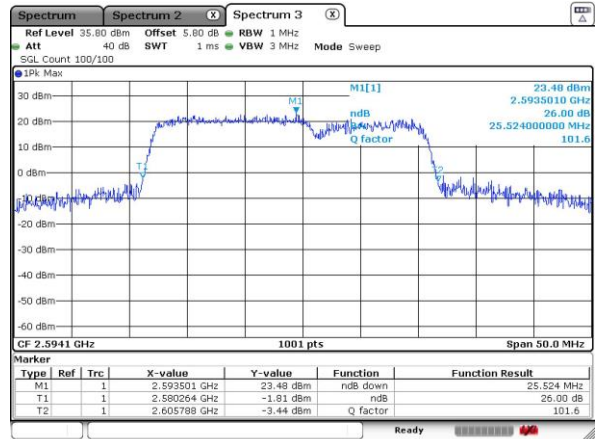
Date: 29 OCT 2018 22:25:05

Middle Channel / 10MHz+20MHz



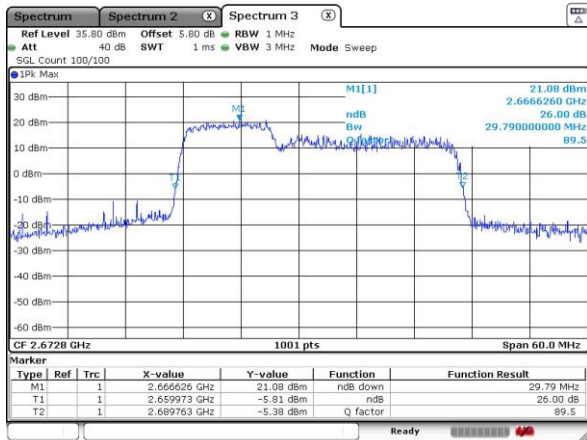
Date: 29 OCT 2018 22:54:18

Middle Channel / 15MHz+10MHz



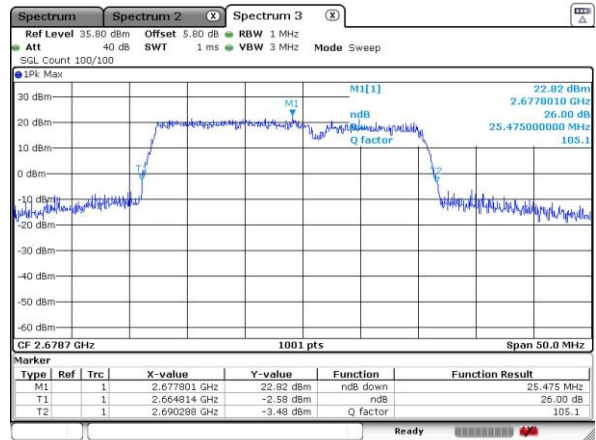
Date: 29 OCT 2018 22:33:58

Highest Channel / 10MHz+20MHz



Date: 29 OCT 2018 22:56:47

Highest Channel / 15MHz+10MHz



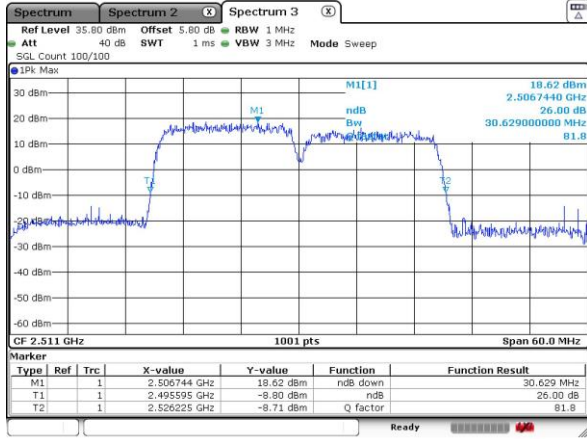
Date: 29 OCT 2018 22:36:58



LTE Band 41

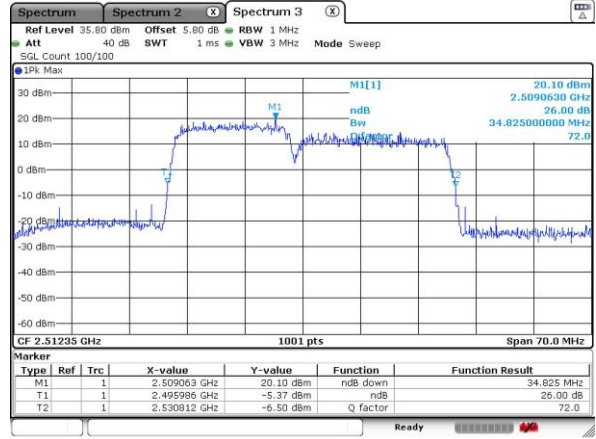
16QAM

Lowest Channel / 15MHz+15MHz



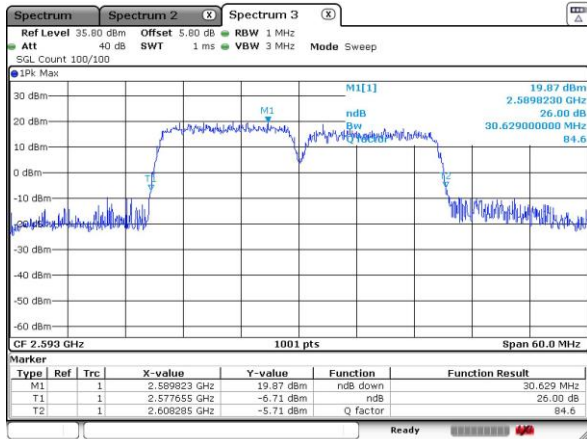
Date: 29 OCT 2018 23:32:28

Lowest Channel / 15MHz+20MHz



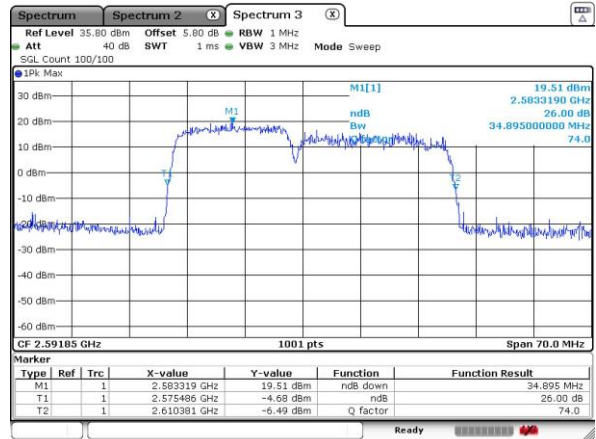
Date: 29 OCT 2018 23:53:43

Middle Channel / 15MHz+15MHz



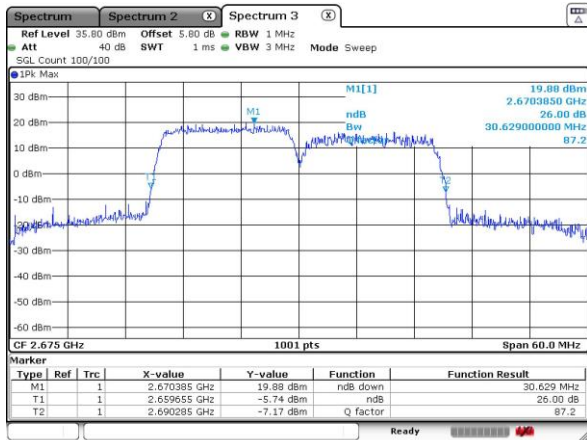
Date: 29 OCT 2018 23:42:19

Middle Channel / 15MHz+20MHz



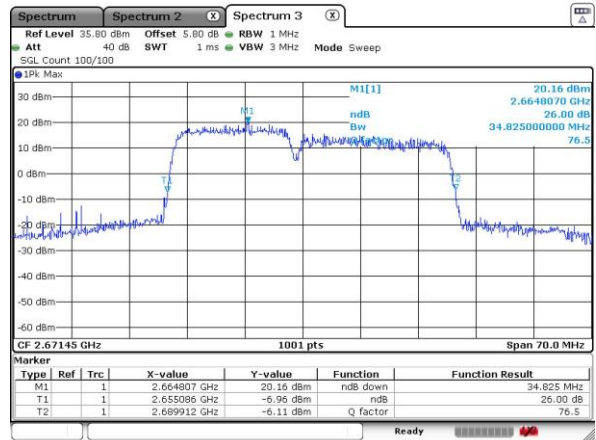
Date: 30 OCT 2018 00:03:14

Highest Channel / 15MHz+15MHz



Date: 29 OCT 2018 23:44:48

Highest Channel / 15MHz+20MHz



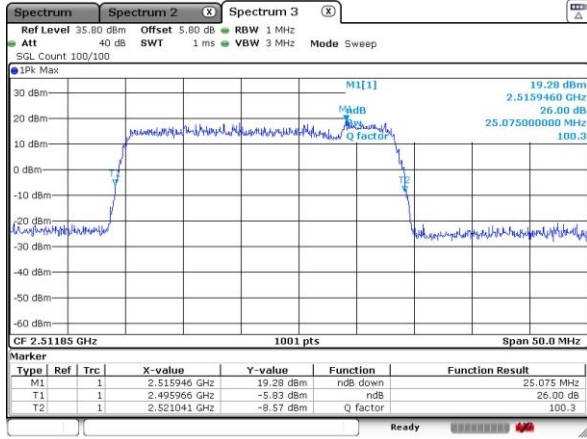
Date: 30 OCT 2018 00:06:00



LTE Band 41

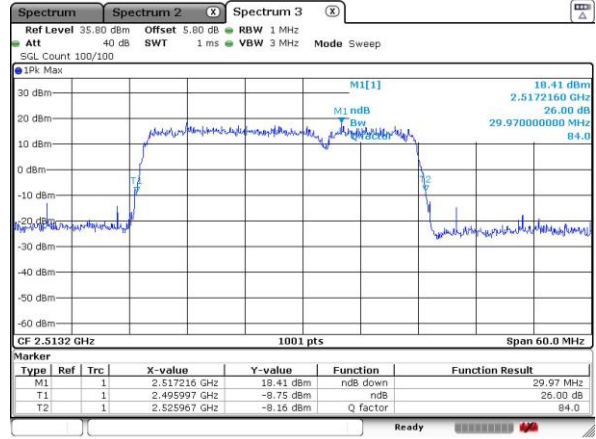
16QAM

Lowest Channel / 20MHz+5MHz



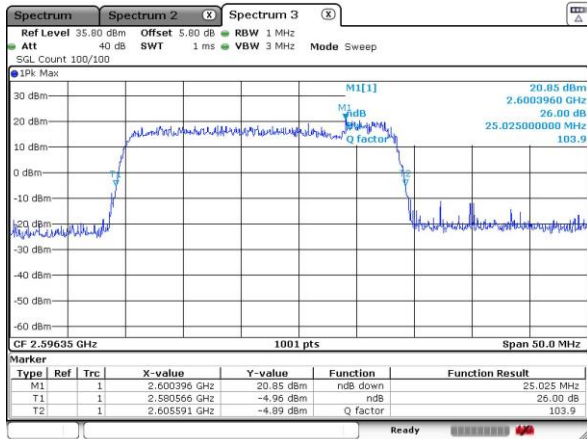
Date: 29 OCT 2018 21:28:41

Lowest Channel / 20MHz+10MHz



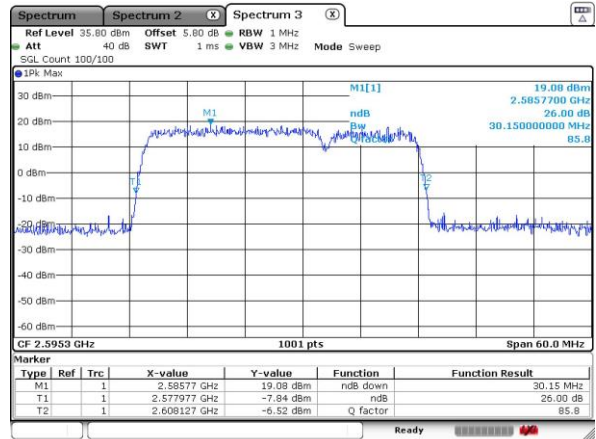
Date: 29 OCT 2018 23:09:28

Middle Channel / 20MHz+5MHz



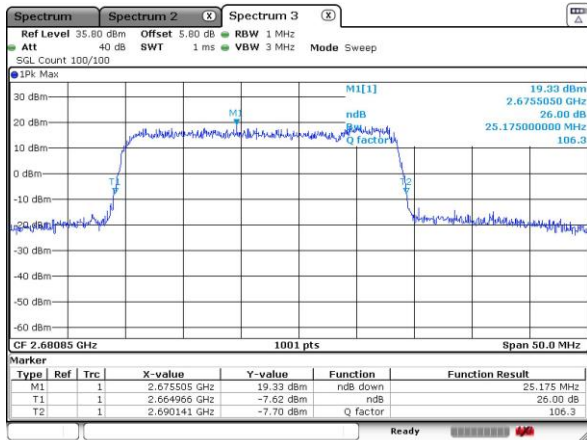
Date: 29 OCT 2018 21:38:57

Middle Channel / 20MHz+10MHz



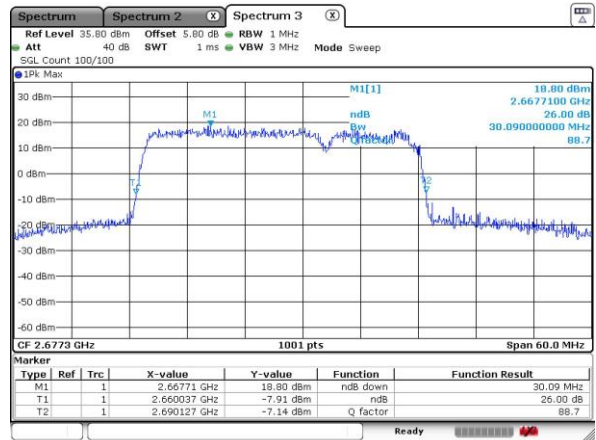
Date: 29 OCT 2018 23:18:33

Highest Channel / 20MHz+5MHz



Date: 29 OCT 2018 21:41:51

Highest Channel / 20MHz+10MHz



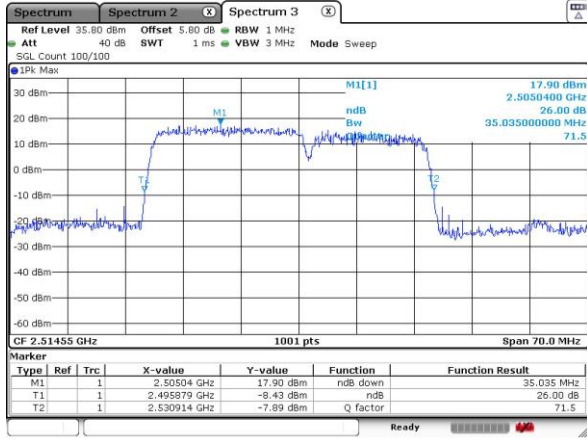
Date: 29 OCT 2018 23:21:07



LTE Band 41

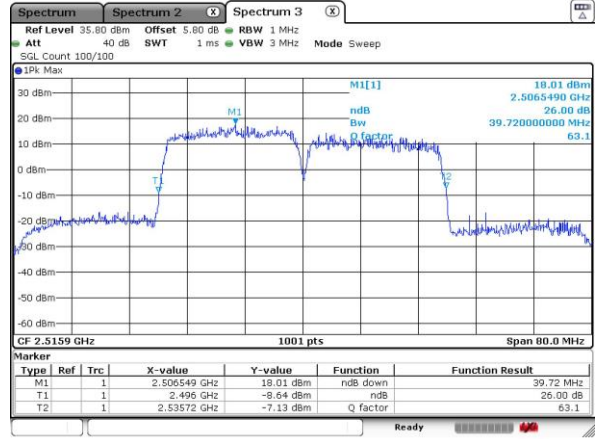
16QAM

Lowest Channel / 20MHz+15MHz



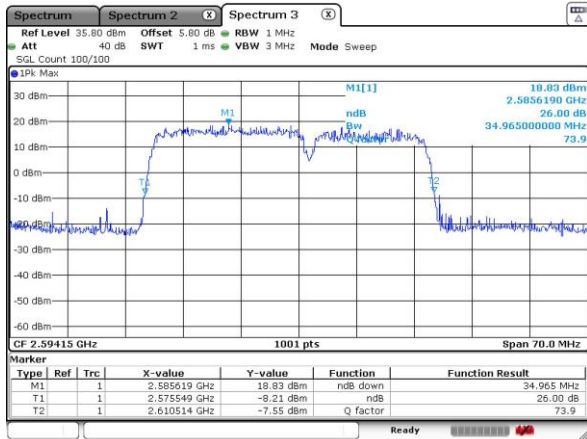
Date: 30 OCT 2018 00:24:11

Lowest Channel / 20MHz+20MHz



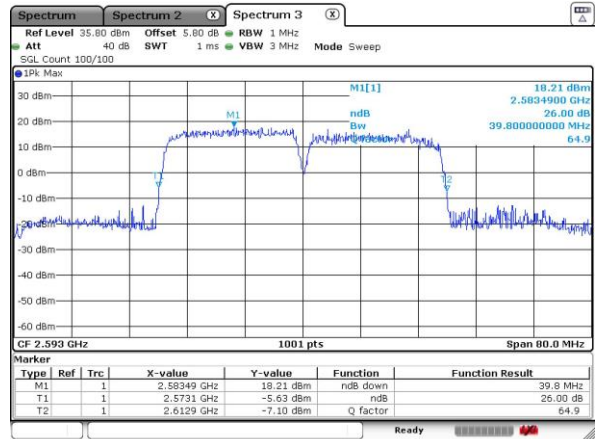
Date: 30 OCT 2018 00:42:13

Middle Channel / 20MHz+15MHz



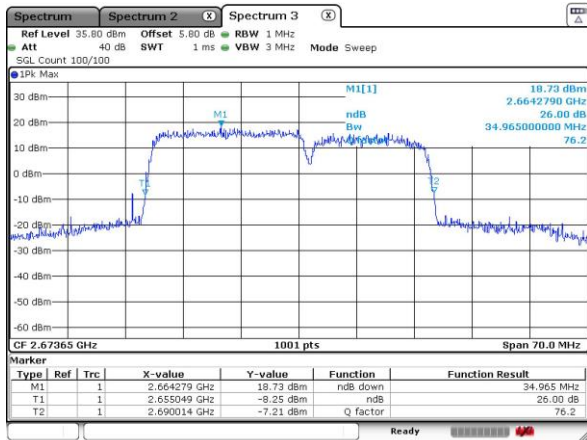
Date: 30 OCT 2018 00:33:15

Middle Channel / 20MHz+20MHz



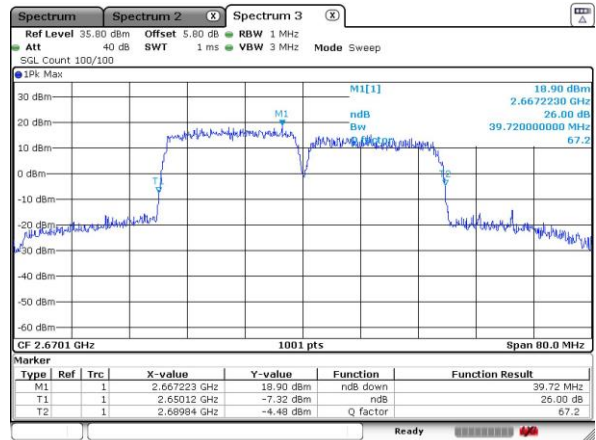
Date: 30 OCT 2018 00:52:33

Highest Channel / 20MHz+15MHz



Date: 30 OCT 2018 00:35:50

Highest Channel / 20MHz+20MHz



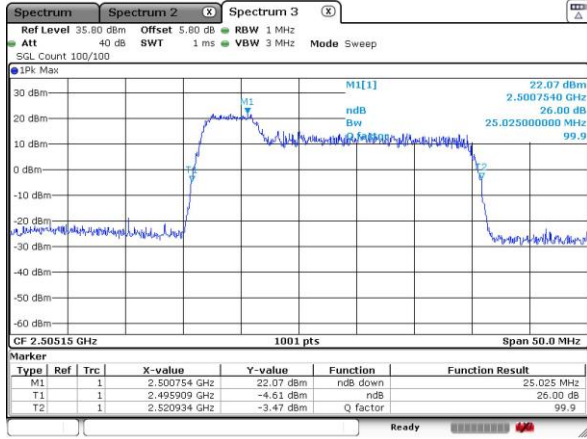
Date: 30 OCT 2018 00:54:54



LTE Band 41

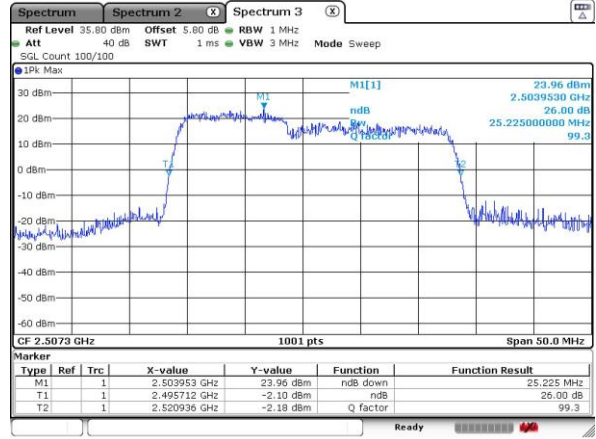
64QAM

Lowest Channel / 5MHz+20MHz



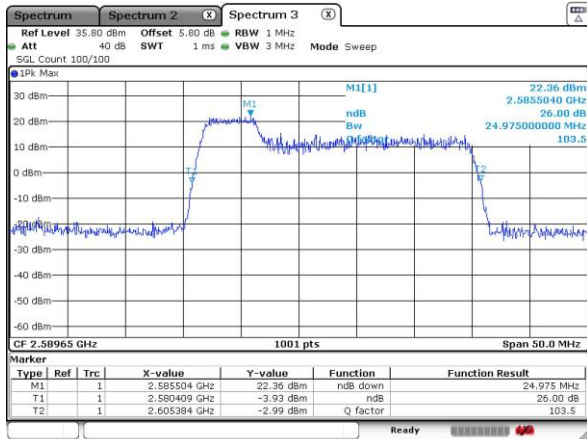
Date: 29 OCT 2018 21:04:48

Lowest Channel / 10MHz+15MHz



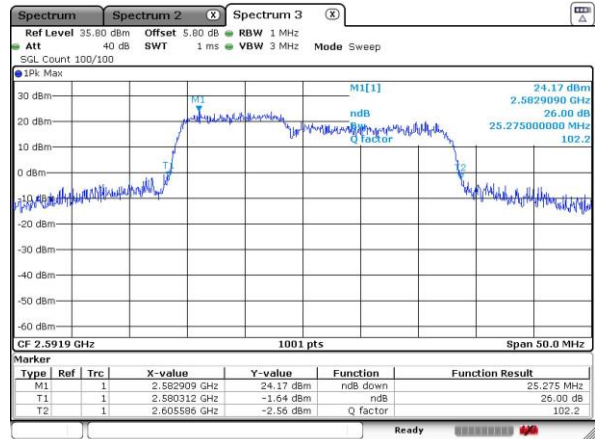
Date: 29 OCT 2018 22:04:12

Middle Channel / 5MHz+20MHz



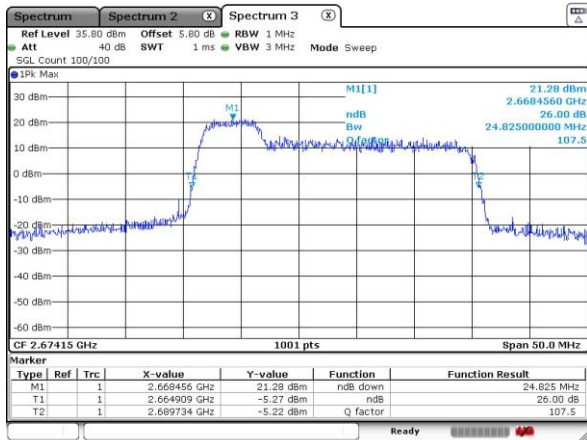
Date: 29 OCT 2018 21:16:09

Middle Channel / 10MHz+15MHz



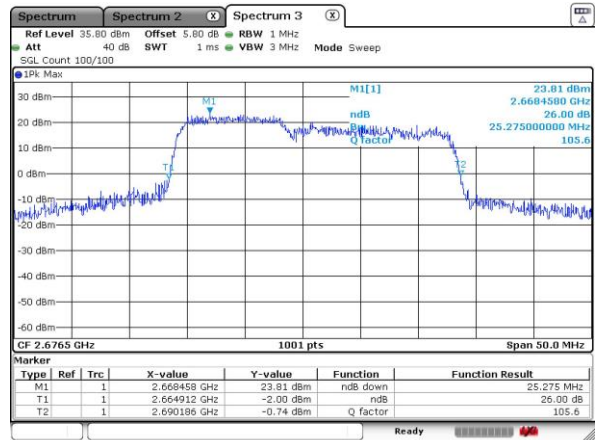
Date: 29 OCT 2018 22:13:38

Highest Channel / 5MHz+20MHz



Date: 29 OCT 2018 21:21:18

Highest Channel / 10MHz+15MHz



Date: 29 OCT 2018 22:18:46