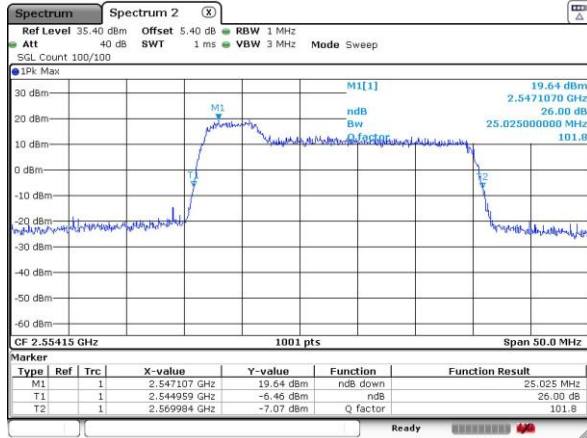




LTE Band 41

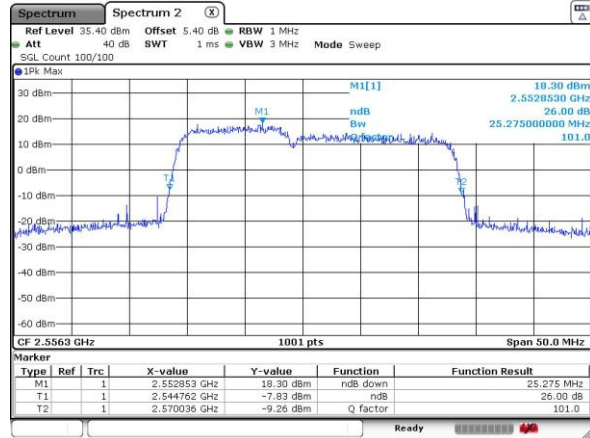
64QAM

Lowest Channel / 5MHz+20MHz



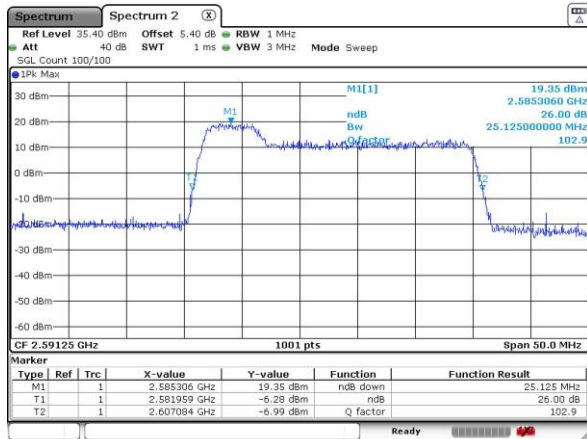
Date: 7 SEP 2018 20:15:44

Lowest Channel / 10MHz+15MHz



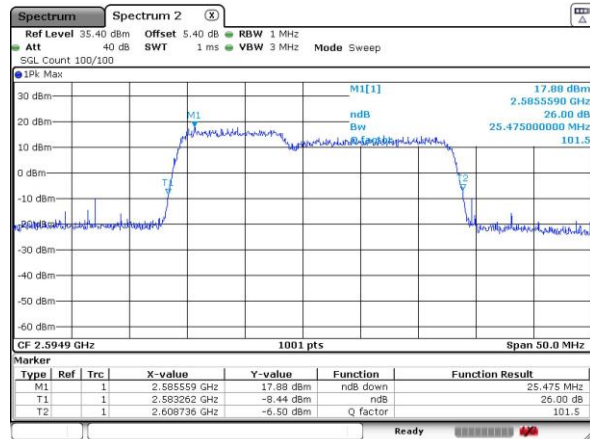
Date: 7 SEP 2018 21:00:51

Middle Channel / 5MHz+20MHz



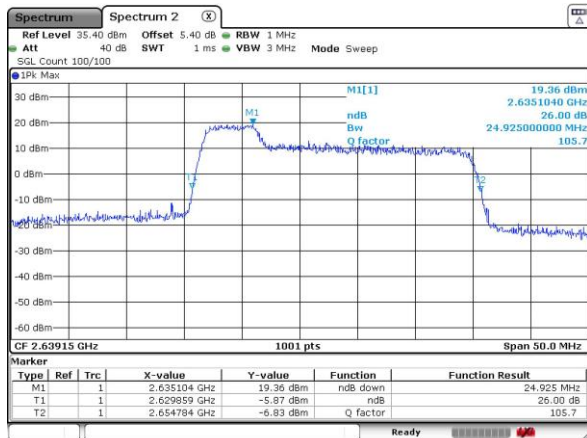
Date: 7 SEP 2018 20:20:00

Middle Channel / 10MHz+15MHz



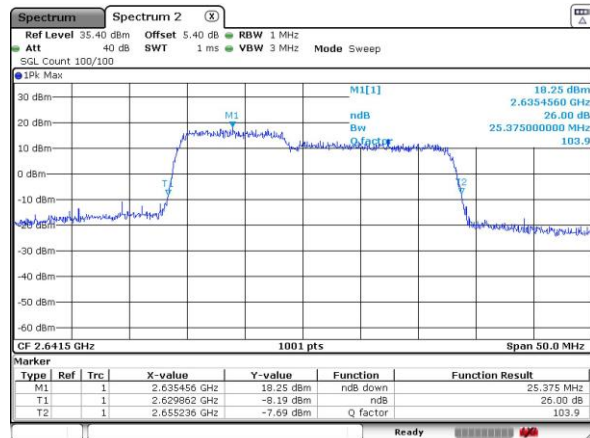
Date: 7 SEP 2018 21:04:53

Highest Channel / 5MHz+20MHz



Date: 7 SEP 2018 20:22:00

Highest Channel / 10MHz+15MHz



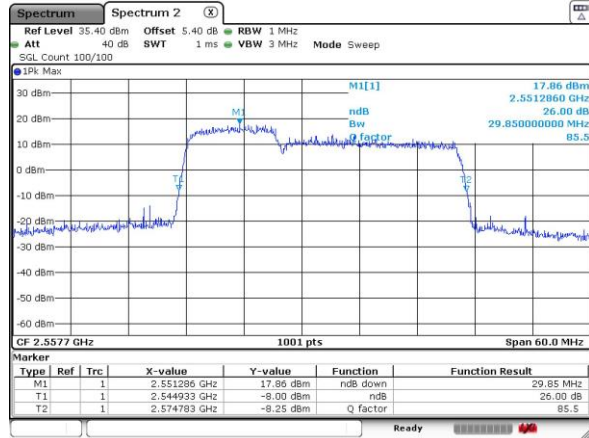
Date: 7 SEP 2018 21:06:43



LTE Band 41

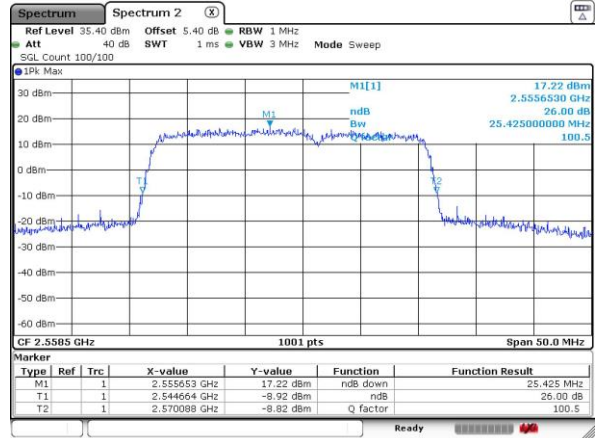
64QAM

Lowest Channel / 10MHz+20MHz



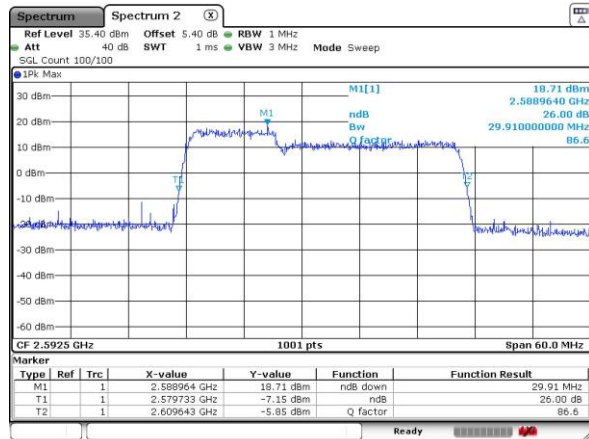
Date: 7 SEP. 2018 21:32:05

Lowest Channel / 15MHz+10MHz



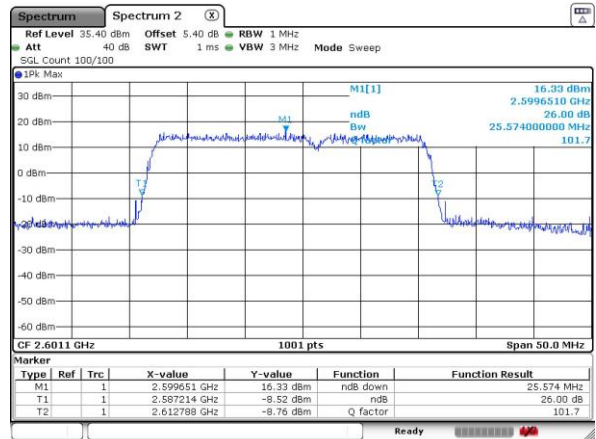
Date: 7 SEP. 2018 21:22:36

Middle Channel / 10MHz+20MHz



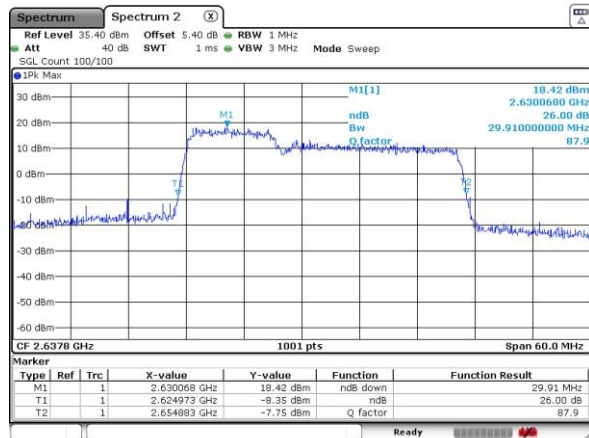
Date: 7 SEP. 2018 21:36:24

Middle Channel / 15MHz+10MHz



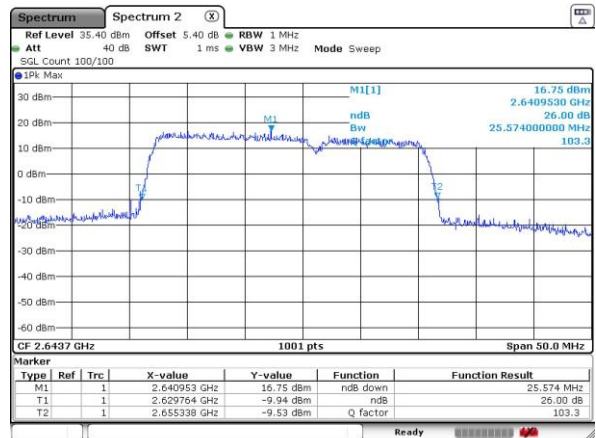
Date: 7 SEP. 2018 21:24:20

Highest Channel / 10MHz+20MHz



Date: 7 SEP. 2018 21:38:16

Highest Channel / 15MHz+10MHz



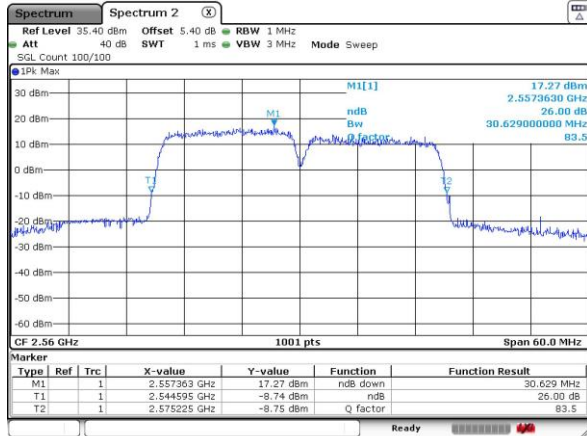
Date: 7 SEP. 2018 21:29:17



LTE Band 41

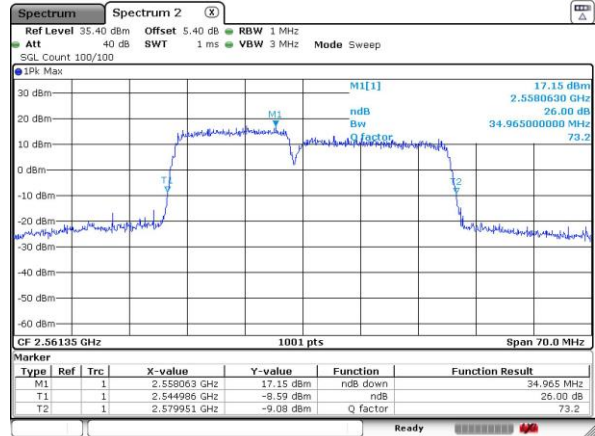
64QAM

Lowest Channel / 15MHz+15MHz



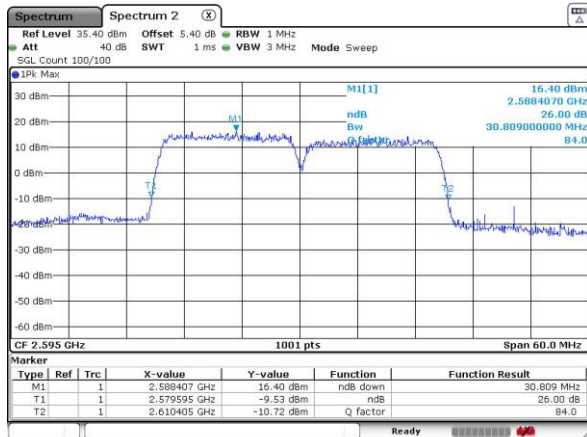
Date: 7 SEP 2018 21:53:36

Lowest Channel / 15MHz+20MHz



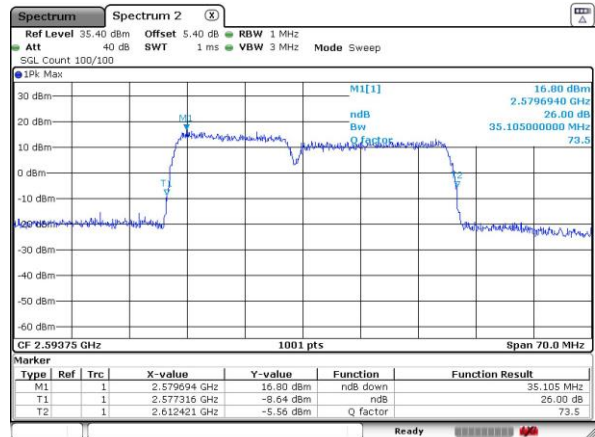
Date: 7 SEP 2018 22:30:54

Middle Channel / 15MHz+15MHz



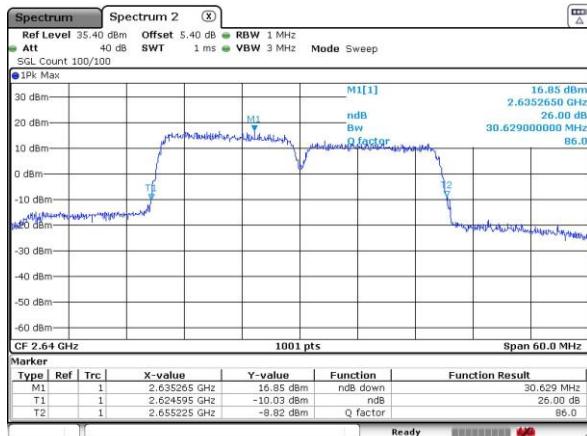
Date: 7 SEP 2018 21:58:07

Middle Channel / 15MHz+20MHz



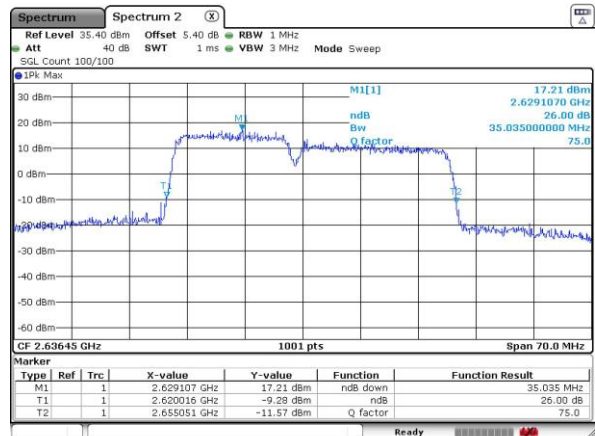
Date: 7 SEP 2018 22:34:38

Highest Channel / 15MHz+15MHz



Date: 7 SEP 2018 22:03:10

Highest Channel / 15MHz+20MHz



Date: 7 SEP 2018 22:36:16

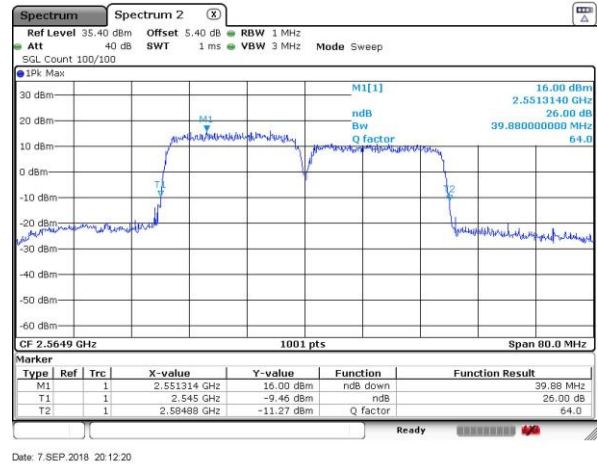


LTE Band 41

64QAM

Lowest Channel / 20MHz+15MHz

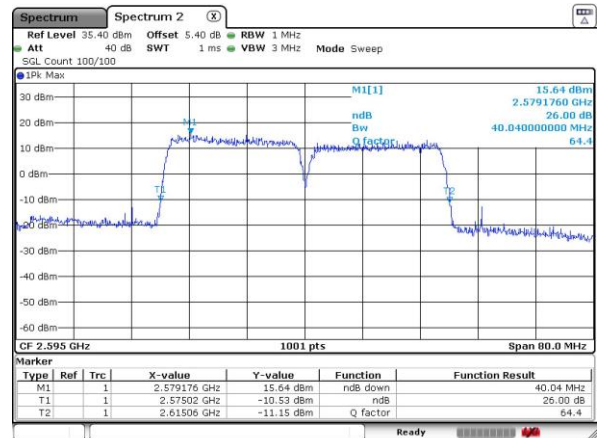
Lowest Channel / 20MHz+20MHz



Date: 7 SEP. 2018 20:12:20

Middle Channel / 20MHz+15MHz

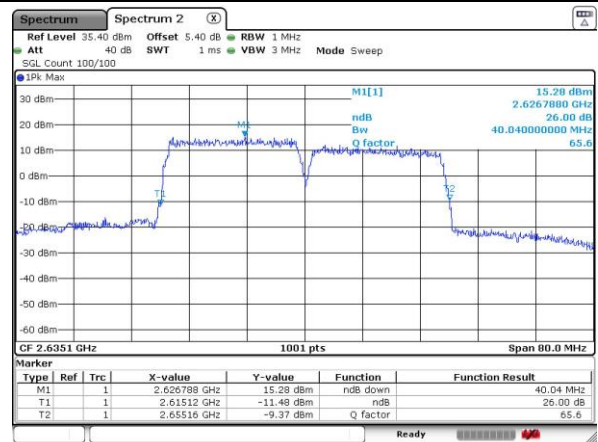
Middle Channel / 20MHz+20MHz



Date: 7 SEP. 2018 20:06:02

Highest Channel / 20MHz+15MHz

Highest Channel / 20MHz+20MHz



Date: 7 SEP. 2018 20:06:23

**Occupied Bandwidth**

Mode	LTE Band 41 : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.38	23.43	27.99	23.48	28.47
Middle CH	23.48	23.58	28.23	23.58	28.71
Highest CH	23.33	23.48	27.99	23.58	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.73	-	-	-	37.64
Middle CH	33.01	-	-	-	37.88
Highest CH	32.80	-	-	-	37.64

Mode	LTE Band 41 : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.28	23.43	27.93	23.38	28.47
Middle CH	23.38	23.63	28.11	23.63	28.77
Highest CH	23.23	23.38	27.93	23.48	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.80	-	-	-	37.56
Middle CH	32.94	-	-	-	37.96
Highest CH	32.80	-	-	-	37.56

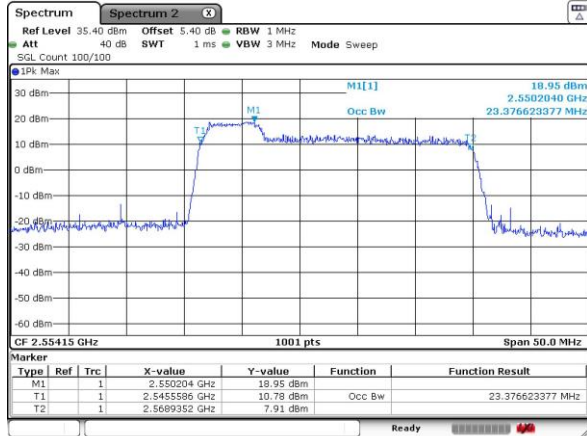
Mode	LTE Band 41 : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.23	23.38	27.93	23.43	28.47
Middle CH	23.38	23.53	28.05	23.53	28.59
Highest CH	23.13	23.43	27.93	23.58	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.66	-	-	-	37.56
Middle CH	33.01	-	-	-	37.88
Highest CH	32.87	-	-	-	37.80



LTE Band 41

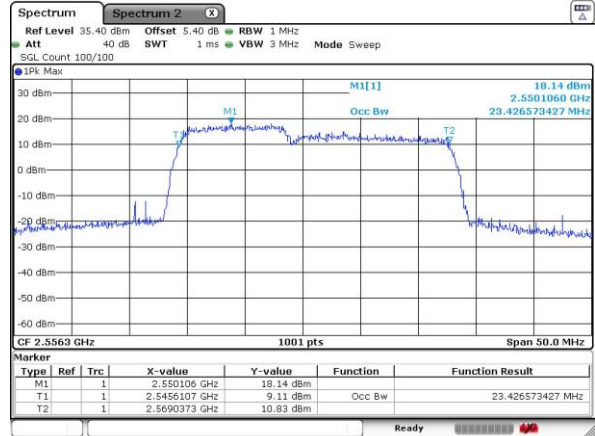
QPSK

Lowest Channel / 5MHz+20MHz



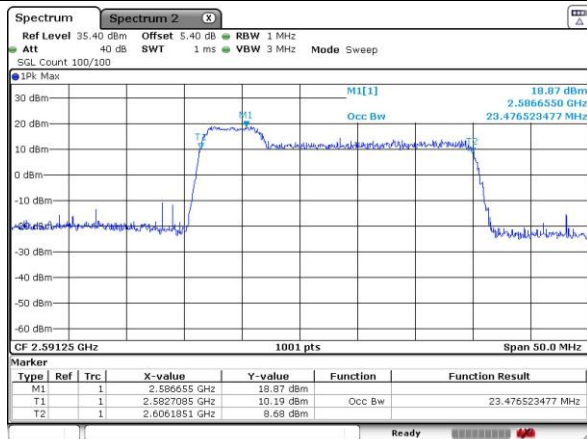
Date: 7 SEP 2018 20:16:54

Lowest Channel / 10MHz+15MHz



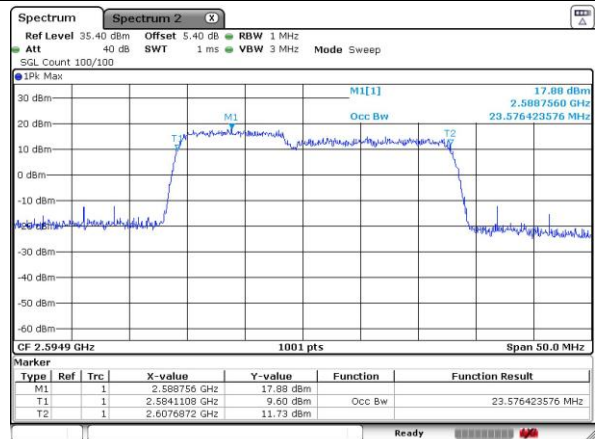
Date: 7 SEP 2018 21:02:10

Middle Channel / 5MHz+20MHz



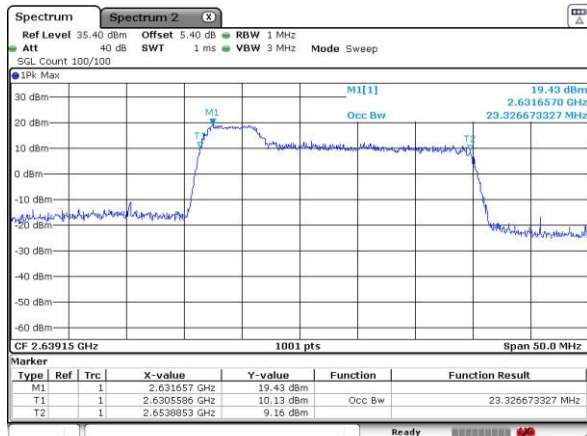
Date: 7 SEP 2018 20:18:38

Middle Channel / 10MHz+15MHz



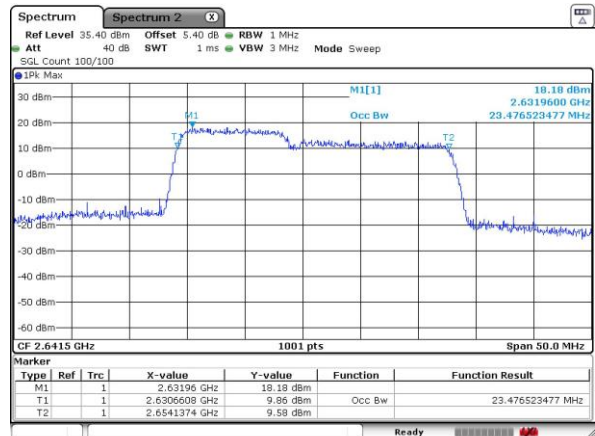
Date: 7 SEP 2018 21:03:44

Highest Channel / 5MHz+20MHz



Date: 7 SEP 2018 20:23:38

Highest Channel / 10MHz+15MHz



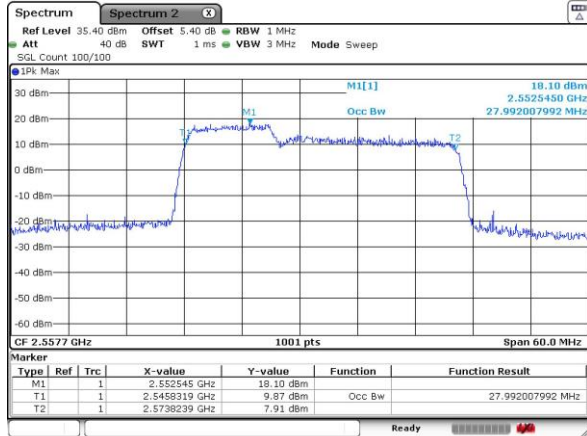
Date: 7 SEP 2018 21:08:15



LTE Band 41

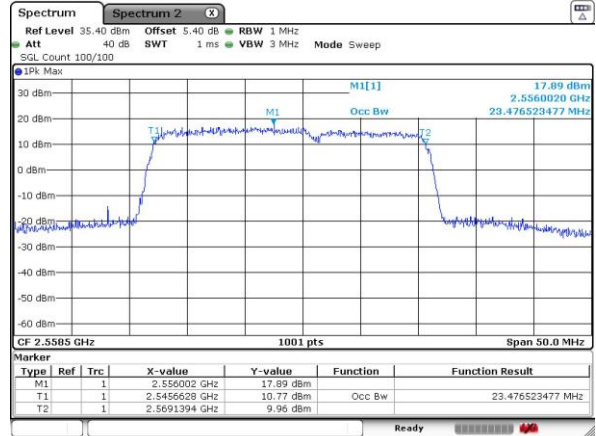
QPSK

Lowest Channel / 10MHz+20MHz



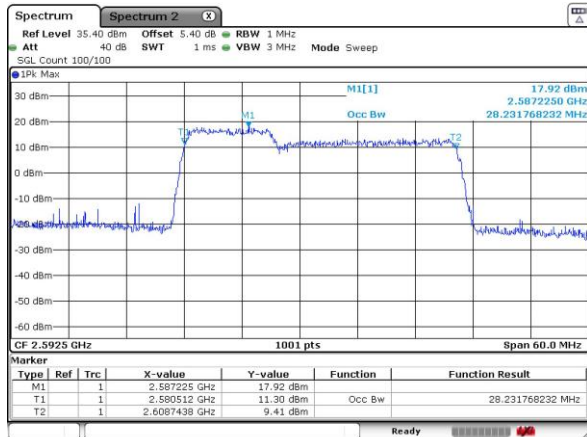
Date: 7.SEP.2018 21:33:18

Lowest Channel / 15MHz+10MHz



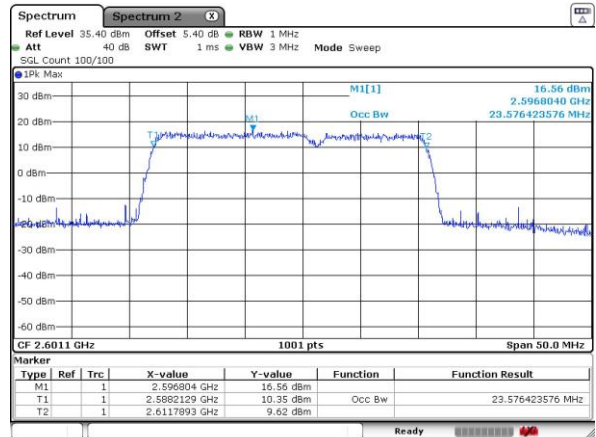
Date: 7.SEP.2018 21:21:34

Middle Channel / 10MHz+20MHz



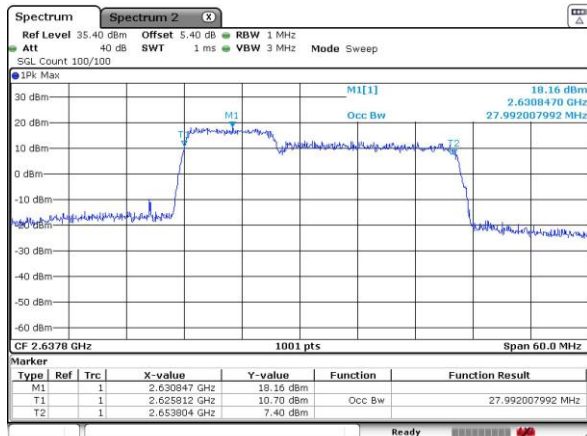
Date: 7.SEP.2018 21:35:25

Middle Channel / 15MHz+10MHz



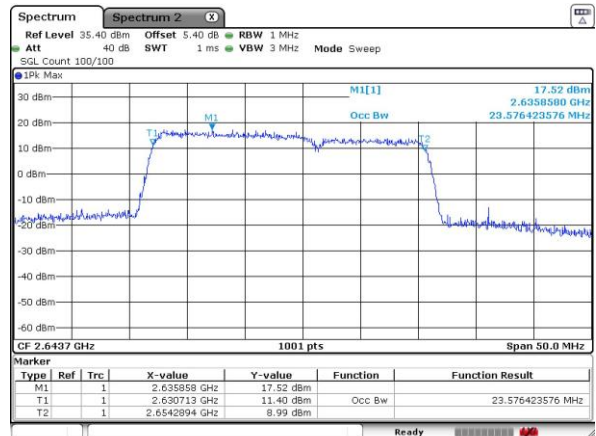
Date: 7.SEP.2018 21:25:46

Highest Channel / 10MHz+20MHz



Date: 7.SEP.2018 21:39:18

Highest Channel / 15MHz+10MHz



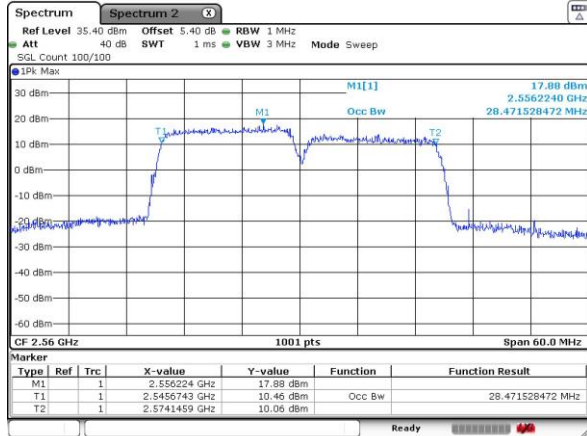
Date: 7.SEP.2018 21:27:37



LTE Band 41

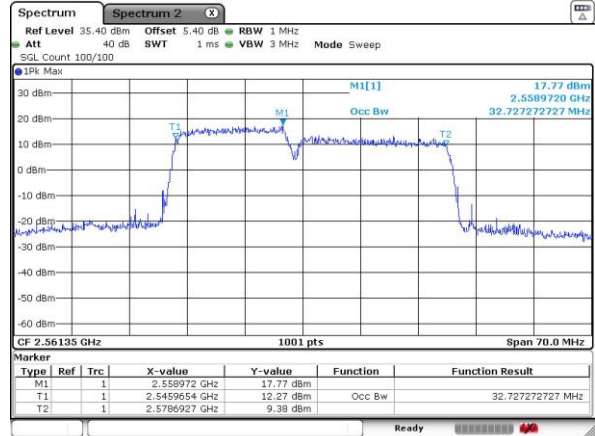
QPSK

Lowest Channel / 15MHz+15MHz



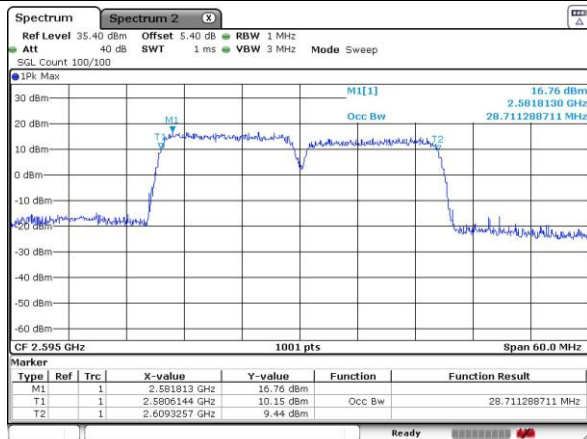
Date: 7 SEP 2018 21:54:40

Lowest Channel / 15MHz+20MHz



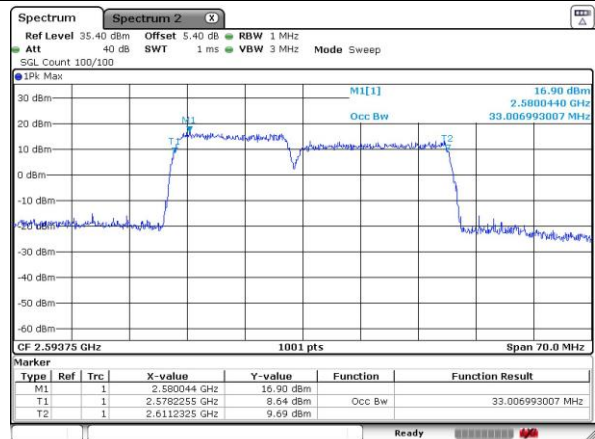
Date: 7 SEP 2018 22:31:58

Middle Channel / 15MHz+15MHz



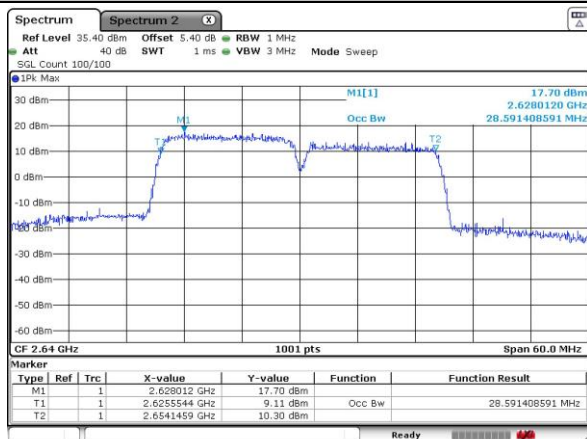
Date: 7 SEP 2018 21:56:29

Middle Channel / 15MHz+20MHz



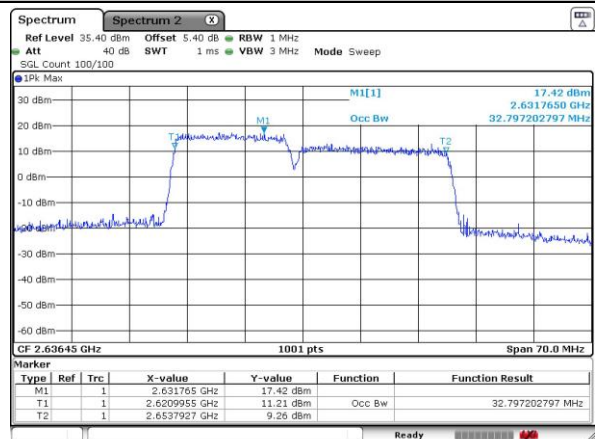
Date: 7 SEP 2018 22:33:39

Highest Channel / 15MHz+15MHz



Date: 7 SEP 2018 22:01:57

Highest Channel / 15MHz+20MHz



Date: 7 SEP 2018 22:37:24

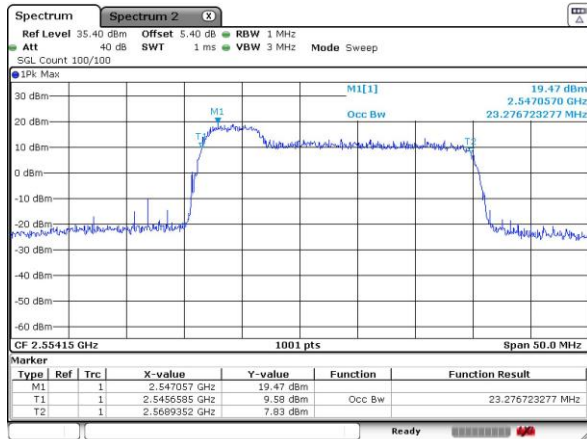
LTE Band 41																													
QPSK																													
Lowest Channel / 20MHz+15MHz	Lowest Channel / 20MHz+20MHz																												
	Spectrum Spectrum 2 Ref Level 35.40 dBm Offset 5.40 dB RBW 1 MHz Att 40 dB SWT 1 ms VBW 3 MHz Mode Sweep SQL Count 100/100 1Pk Max 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm M1 M1[1] 16.72 dBm 2.5525920 GHz 37.642357642 MHz T1 T2 CF 2.5649 GHz 1001 pts Span 80.0 MHz <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.552592 GHz</td><td>16.72 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>2.5459589 GHz</td><td>7.97 dBm</td><td>Occ Bw</td><td>37.642357642 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>2.5836013 GHz</td><td>7.91 dBm</td><td></td><td></td></tr></table> Ready Date: 7.SEP.2018 20:11:05	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.552592 GHz	16.72 dBm			T1	1		2.5459589 GHz	7.97 dBm	Occ Bw	37.642357642 MHz	T2	1		2.5836013 GHz	7.91 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		2.552592 GHz	16.72 dBm																									
T1	1		2.5459589 GHz	7.97 dBm	Occ Bw	37.642357642 MHz																							
T2	1		2.5836013 GHz	7.91 dBm																									
Middle Channel / 20MHz+15MHz	Middle Channel / 20MHz+20MHz																												
	Spectrum Spectrum 2 Ref Level 35.40 dBm Offset 5.40 dB RBW 1 MHz Att 40 dB SWT 1 ms VBW 3 MHz Mode Sweep SQL Count 100/100 1Pk Max 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm M1 M1[1] 16.22 dBm 2.5802950 GHz 37.882117882 MHz T1 T2 CF 2.595 GHz 1001 pts Span 80.0 MHz <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.580295 GHz</td><td>16.22 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>2.575979 GHz</td><td>9.37 dBm</td><td>Occ Bw</td><td>37.882117882 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>2.6138611 GHz</td><td>8.96 dBm</td><td></td><td></td></tr></table> Ready Date: 7.SEP.2018 20:09:20	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.580295 GHz	16.22 dBm			T1	1		2.575979 GHz	9.37 dBm	Occ Bw	37.882117882 MHz	T2	1		2.6138611 GHz	8.96 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		2.580295 GHz	16.22 dBm																									
T1	1		2.575979 GHz	9.37 dBm	Occ Bw	37.882117882 MHz																							
T2	1		2.6138611 GHz	8.96 dBm																									
Highest Channel / 20MHz+15MHz	Highest Channel / 20MHz+20MHz																												
	Spectrum Spectrum 2 Ref Level 35.40 dBm Offset 5.40 dB RBW 1 MHz Att 40 dB SWT 1 ms VBW 3 MHz Mode Sweep SQL Count 100/100 1Pk Max 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm M1 M1[1] 16.80 dBm 2.6308640 GHz 37.642357642 MHz T1 T2 CF 2.6351 GHz 1001 pts Span 80.0 MHz <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.630864 GHz</td><td>16.80 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>2.616079 GHz</td><td>9.50 dBm</td><td>Occ Bw</td><td>37.642357642 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>2.6537214 GHz</td><td>8.28 dBm</td><td></td><td></td></tr></table> Ready Date: 7.SEP.2018 20:04:22	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.630864 GHz	16.80 dBm			T1	1		2.616079 GHz	9.50 dBm	Occ Bw	37.642357642 MHz	T2	1		2.6537214 GHz	8.28 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		2.630864 GHz	16.80 dBm																									
T1	1		2.616079 GHz	9.50 dBm	Occ Bw	37.642357642 MHz																							
T2	1		2.6537214 GHz	8.28 dBm																									



LTE Band 41

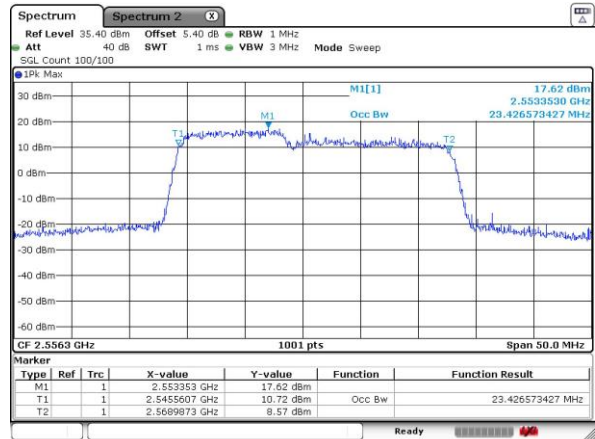
16QAM

Lowest Channel / 5MHz+20MHz



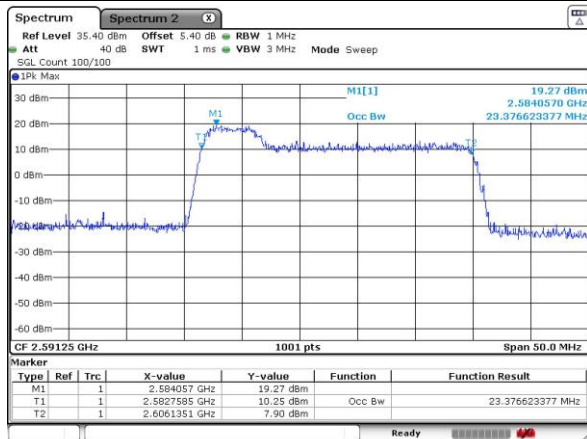
Date: 7 SEP 2018 20:16:22

Lowest Channel / 10MHz+15MHz



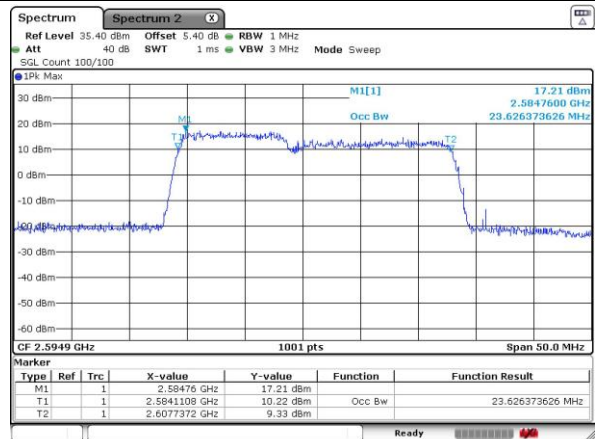
Date: 7 SEP 2018 21:01:33

Middle Channel / 5MHz+20MHz



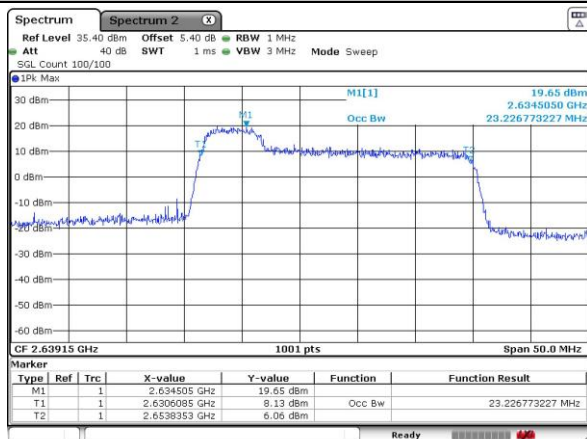
Date: 7 SEP 2018 20:19:06

Middle Channel / 10MHz+15MHz



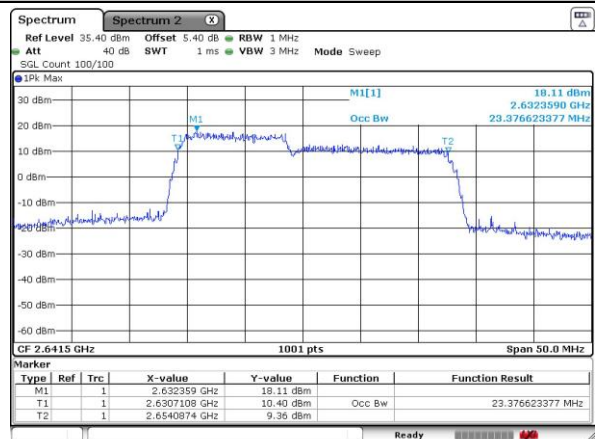
Date: 7 SEP 2018 21:04:09

Highest Channel / 5MHz+20MHz



Date: 7 SEP 2018 20:23:13

Highest Channel / 10MHz+15MHz



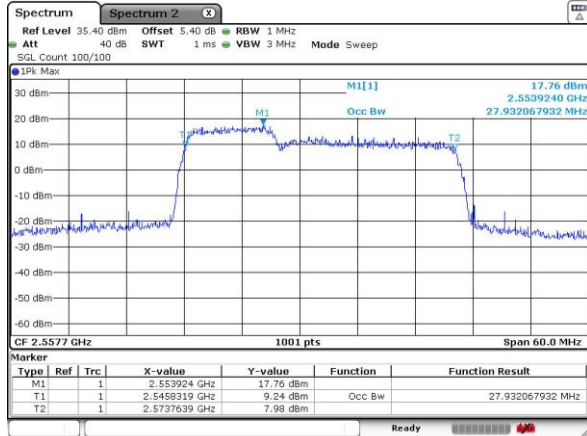
Date: 7 SEP 2018 21:07:50



LTE Band 41

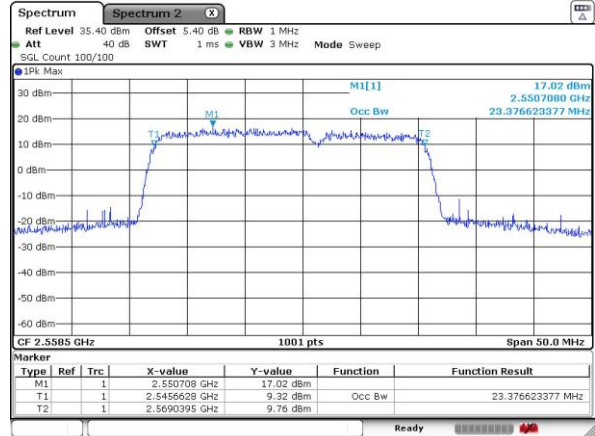
16QAM

Lowest Channel / 10MHz+20MHz



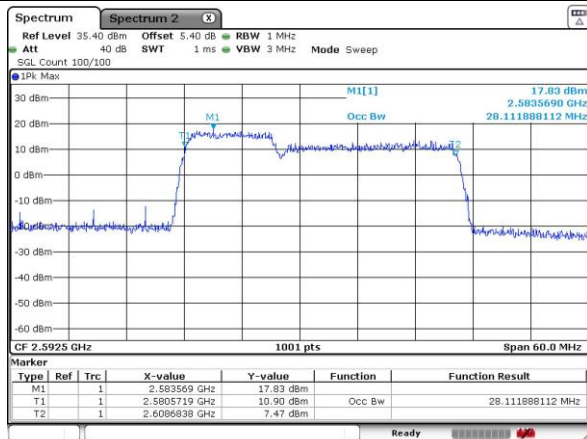
Date: 7 SEP. 2018 21:32:44

Lowest Channel / 15MHz+10MHz



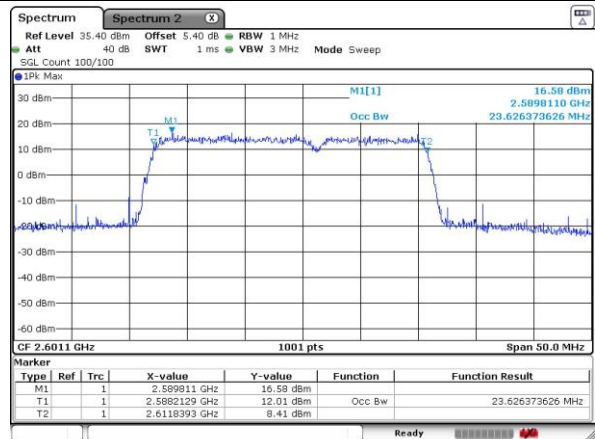
Date: 7 SEP. 2018 21:22:00

Middle Channel / 10MHz+20MHz



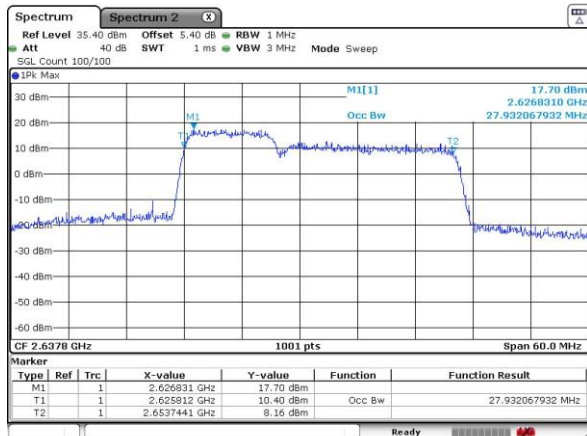
Date: 7 SEP. 2018 21:35:48

Middle Channel / 15MHz+10MHz



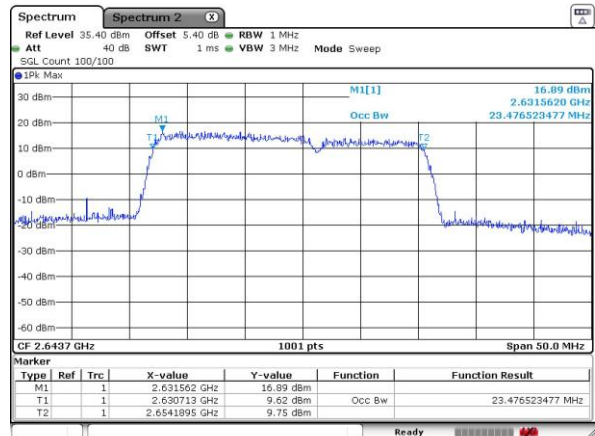
Date: 7 SEP. 2018 21:25:25

Highest Channel / 10MHz+20MHz



Date: 7 SEP. 2018 21:38:56

Highest Channel / 15MHz+10MHz



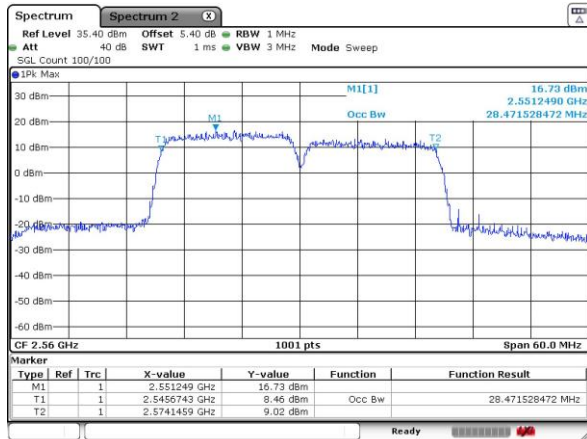
Date: 7 SEP. 2018 21:28:38



LTE Band 41

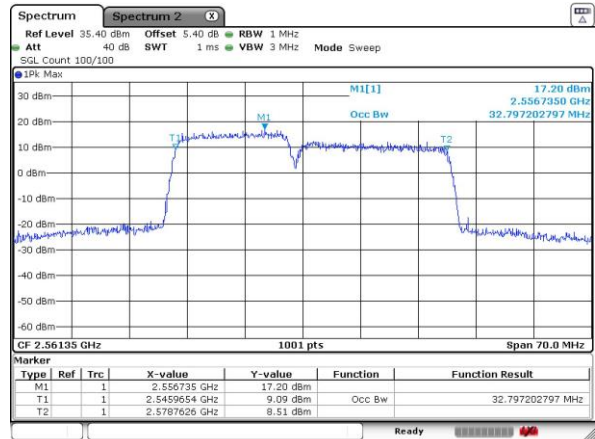
16QAM

Lowest Channel / 15MHz+15MHz



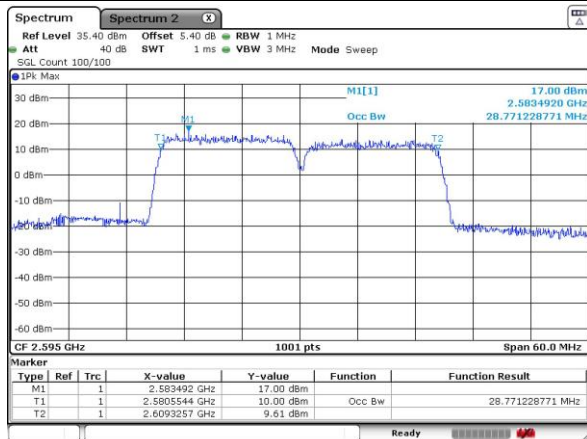
Date: 7 SEP 2018 21:54:16

Lowest Channel / 15MHz+20MHz



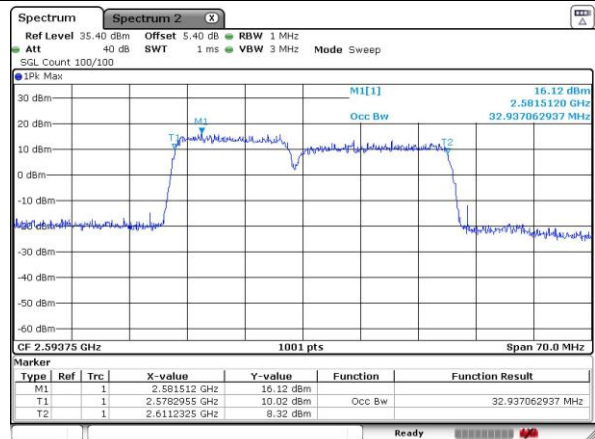
Date: 7 SEP 2018 22:31:37

Middle Channel / 15MHz+15MHz



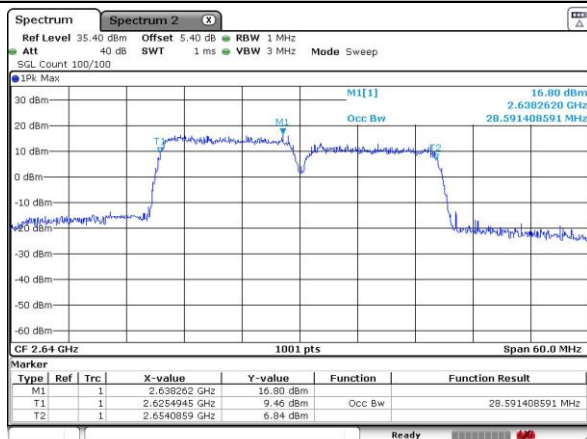
Date: 7 SEP 2018 21:56:52

Middle Channel / 15MHz+20MHz



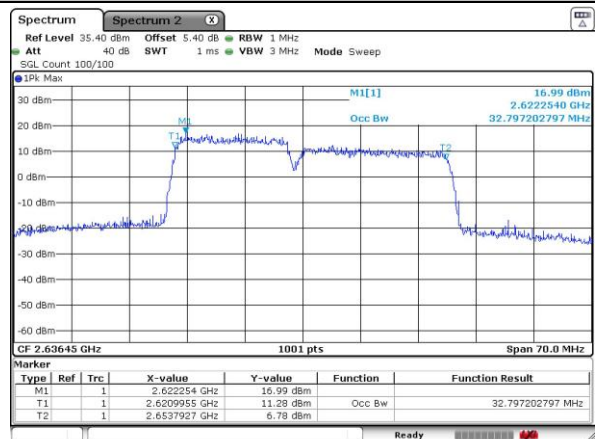
Date: 7 SEP 2018 22:34:04

Highest Channel / 15MHz+15MHz



Date: 7 SEP 2018 22:02:23

Highest Channel / 15MHz+20MHz



Date: 7 SEP 2018 22:36:56

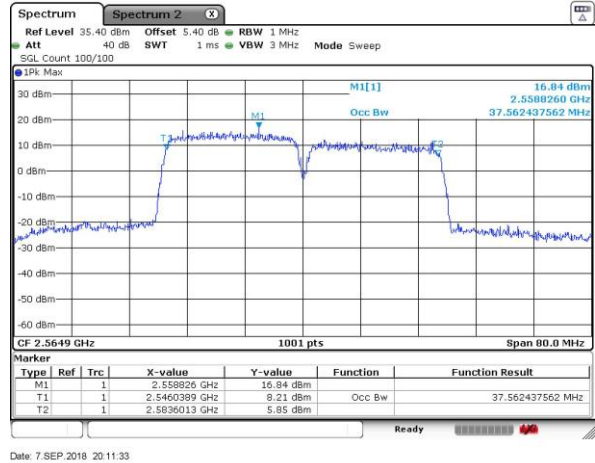


LTE Band 41

16QAM

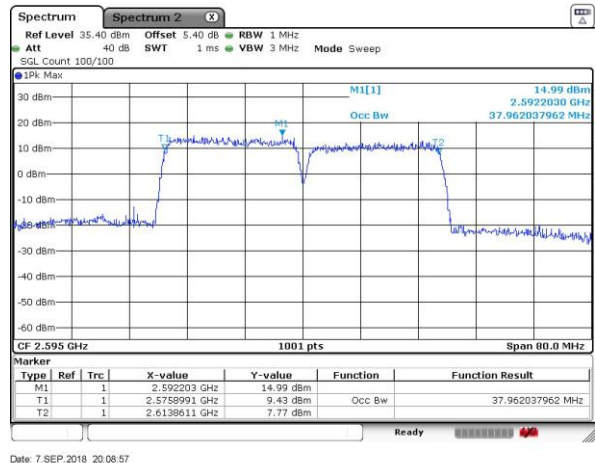
Lowest Channel / 20MHz+15MHz

Lowest Channel / 20MHz+20MHz



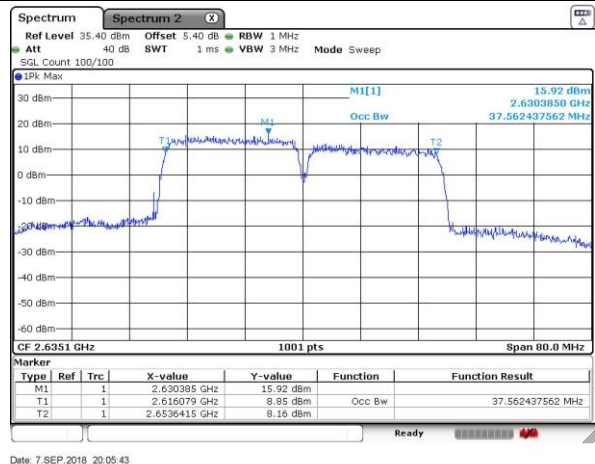
Middle Channel / 20MHz+15MHz

Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz

Highest Channel / 20MHz+20MHz

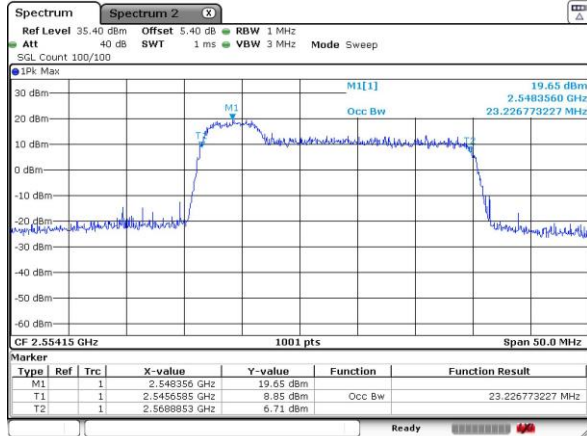




LTE Band 41

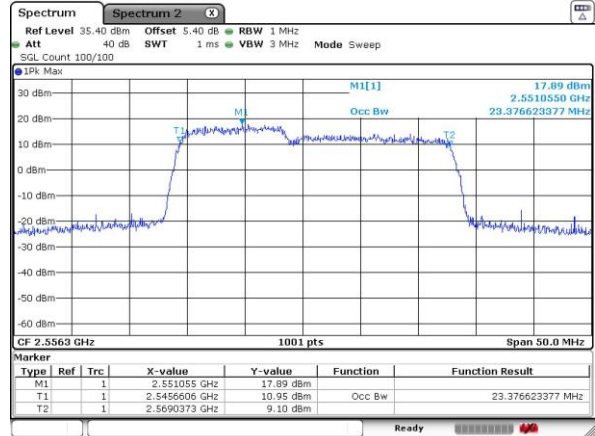
64QAM

Lowest Channel / 5MHz+20MHz



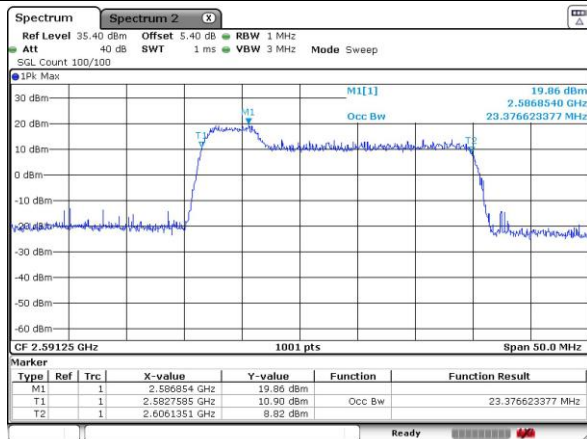
Date: 7 SEP 2018 20:15:26

Lowest Channel / 10MHz+15MHz



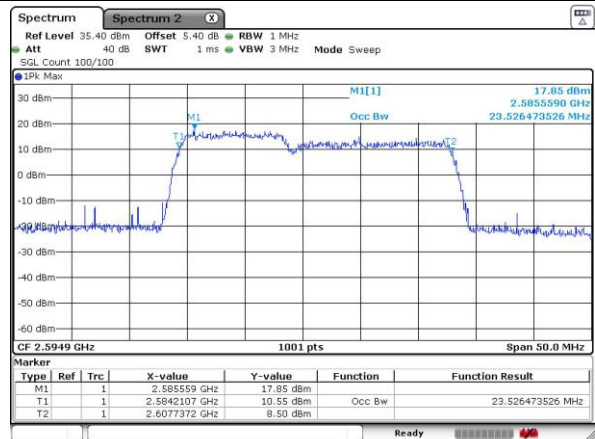
Date: 7 SEP 2018 21:00:32

Middle Channel / 5MHz+20MHz



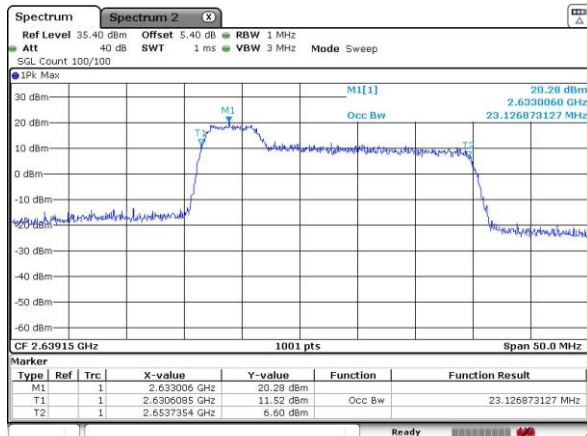
Date: 7 SEP 2018 20:20:13

Middle Channel / 10MHz+15MHz



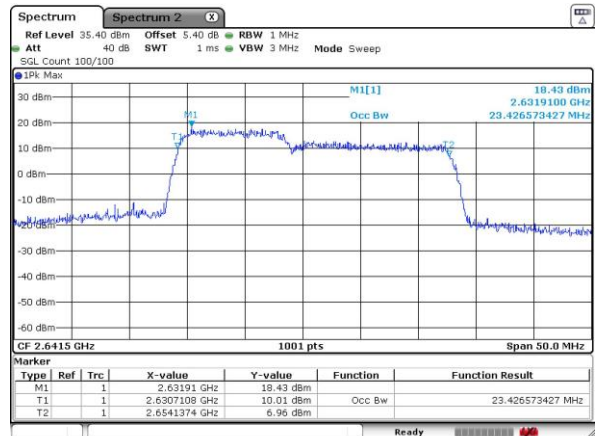
Date: 7 SEP 2018 21:00:07

Highest Channel / 5MHz+20MHz



Date: 7 SEP 2018 20:21:45

Highest Channel / 10MHz+15MHz



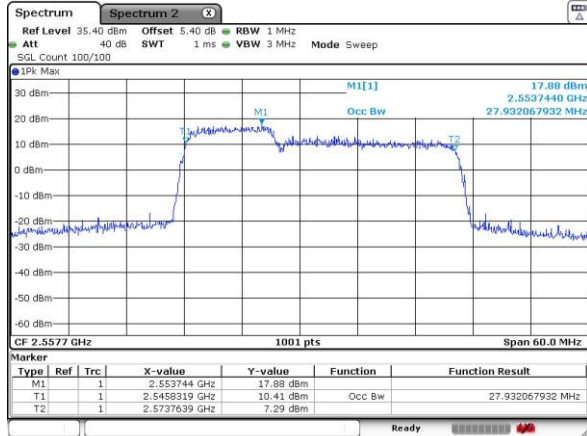
Date: 7 SEP 2018 21:06:25



LTE Band 41

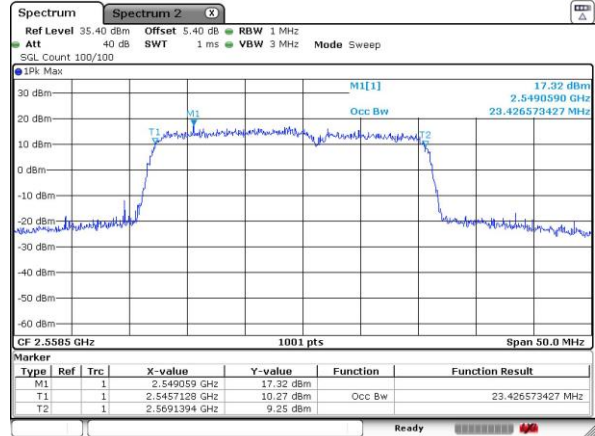
64QAM

Lowest Channel / 10MHz+20MHz



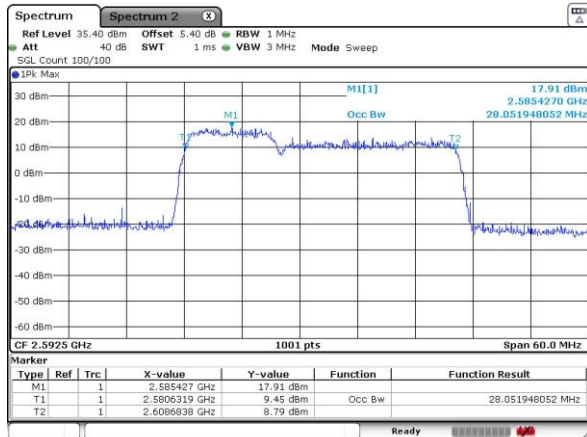
Date: 7 SEP. 2018 21:31:30

Lowest Channel / 15MHz+10MHz



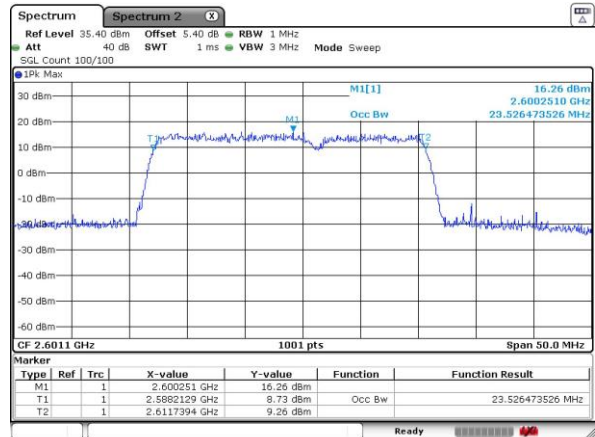
Date: 7 SEP. 2018 21:22:56

Middle Channel / 10MHz+20MHz



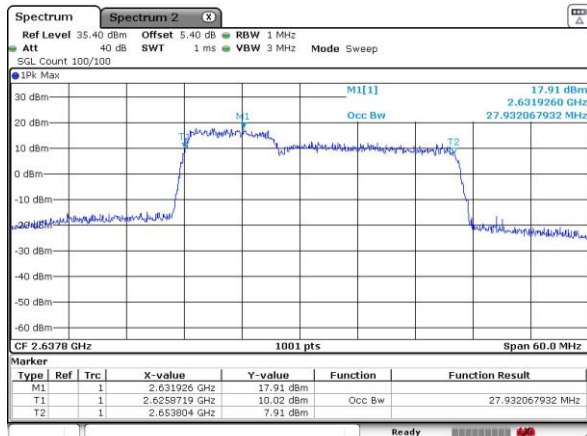
Date: 7 SEP. 2018 21:36:42

Middle Channel / 15MHz+10MHz



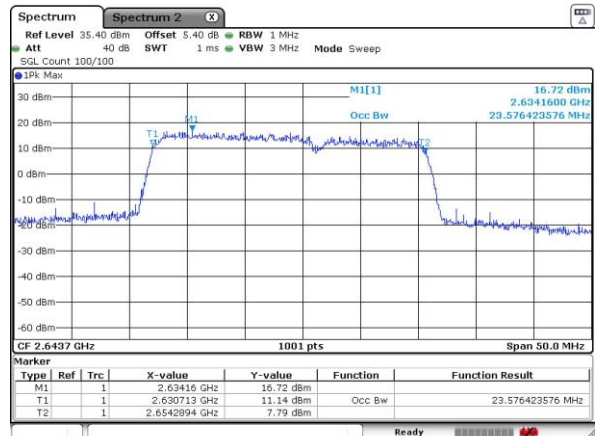
Date: 7 SEP. 2018 21:23:59

Highest Channel / 10MHz+20MHz



Date: 7 SEP. 2018 21:37:59

Highest Channel / 15MHz+10MHz



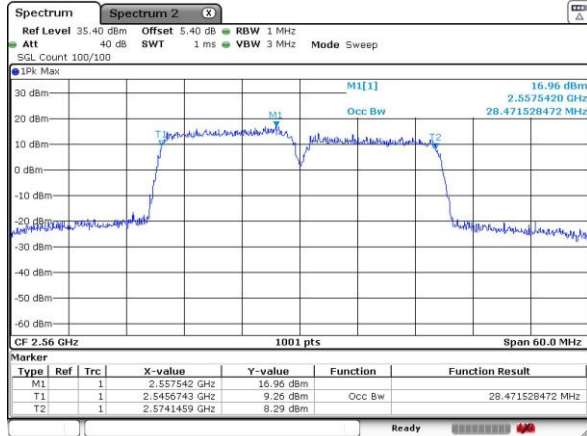
Date: 7 SEP. 2018 21:29:04



LTE Band 41

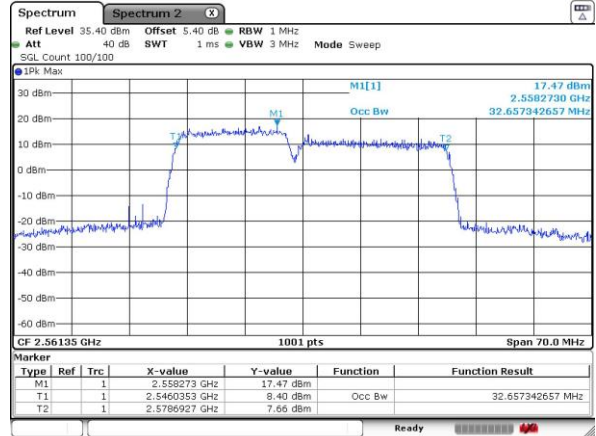
64QAM

Lowest Channel / 15MHz+15MHz



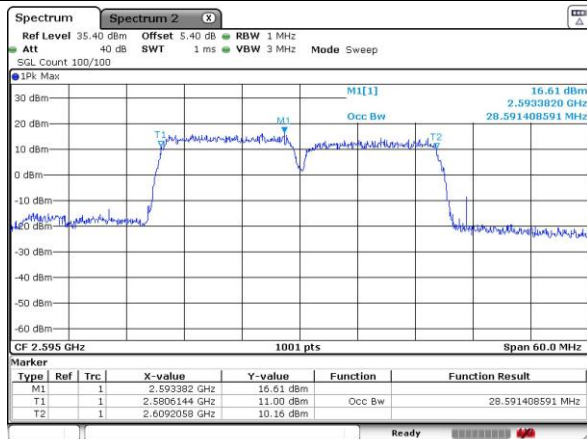
Date: 7 SEP. 2018 21:53:12

Lowest Channel / 15MHz+20MHz



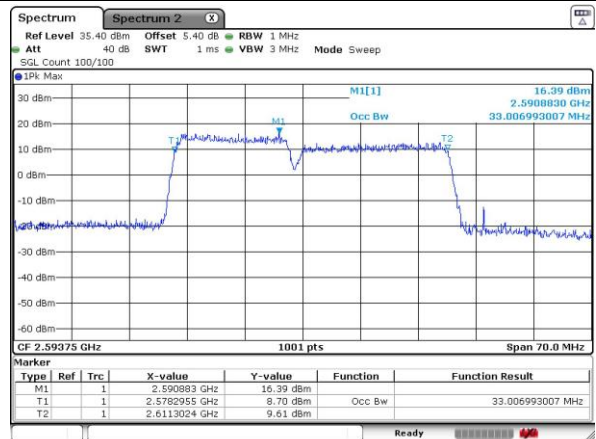
Date: 7 SEP. 2018 22:30:37

Middle Channel / 15MHz+15MHz



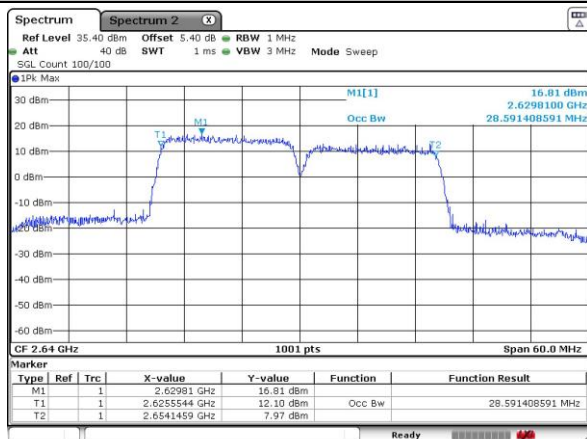
Date: 7 SEP. 2018 21:58:20

Middle Channel / 15MHz+20MHz



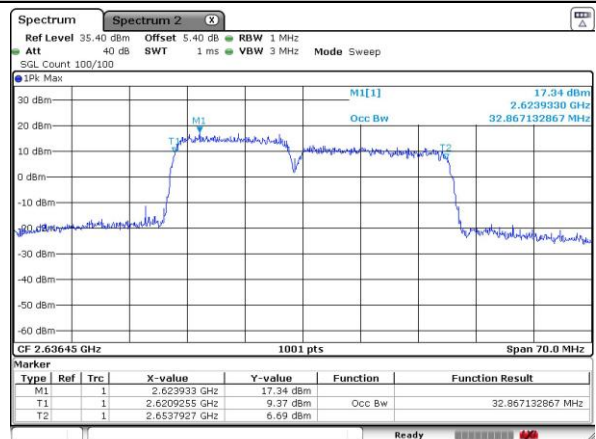
Date: 7 SEP. 2018 22:34:51

Highest Channel / 15MHz+15MHz

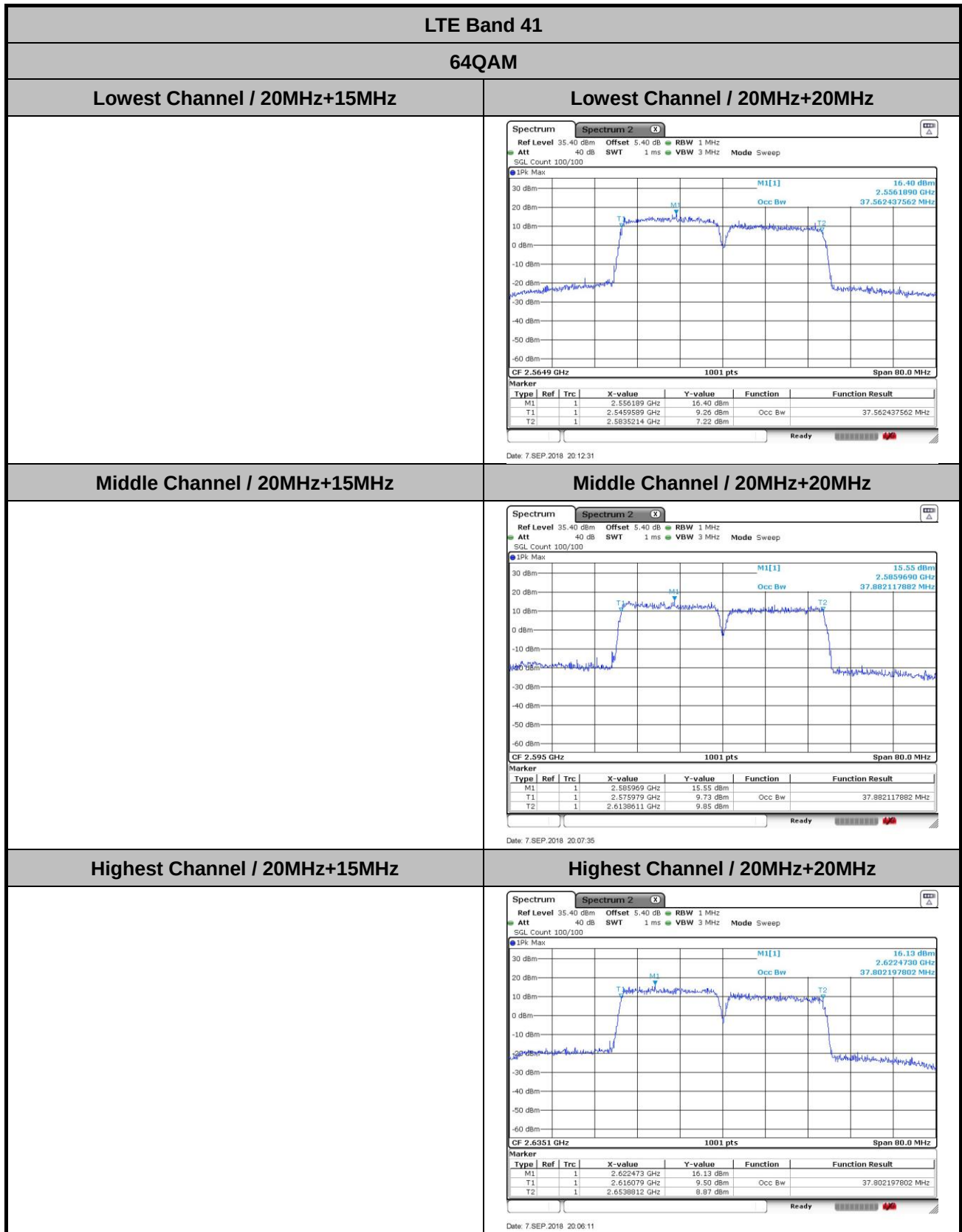


Date: 7 SEP. 2018 22:03:21

Highest Channel / 15MHz+20MHz



Date: 7 SEP. 2018 22:36:03





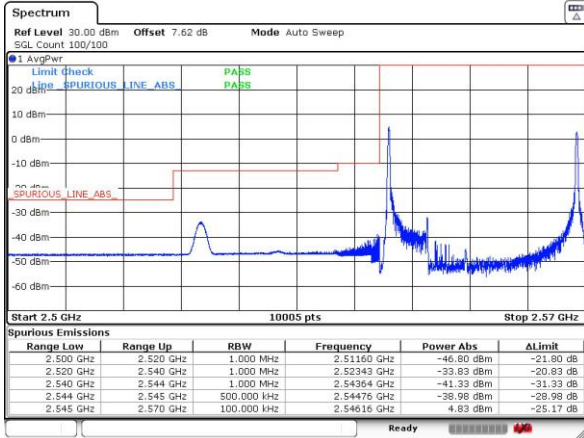
Conducted Band Edge



LTE Band 41 / 5MHz+20MHz

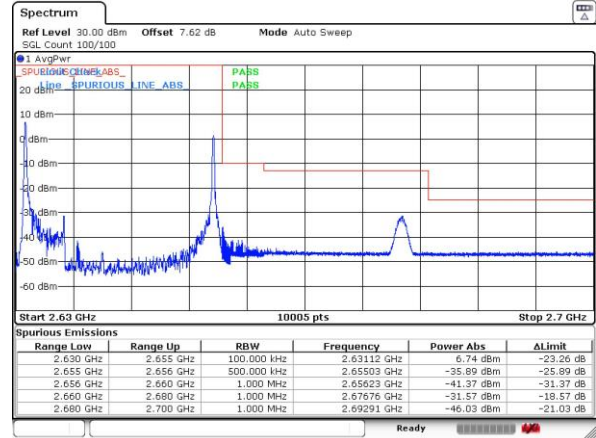
QPSK

Lowest Band Edge / 1RB0 and 1RB99



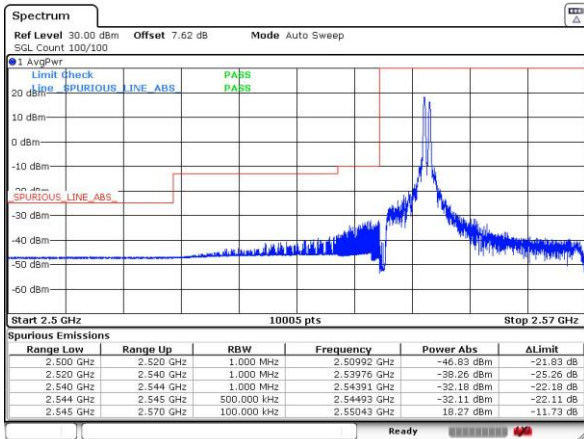
Date: 7 SEP 2018 17:01:03

Highest Band Edge / 1RB0 and 1RB99



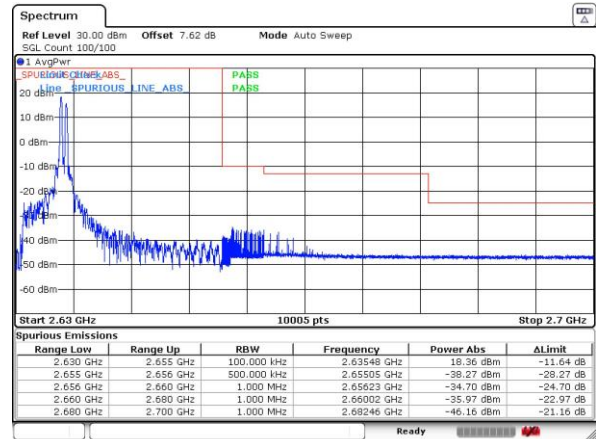
Date: 7 SEP 2018 17:55:16

Lowest Band Edge / 1RB24 and 1RB0



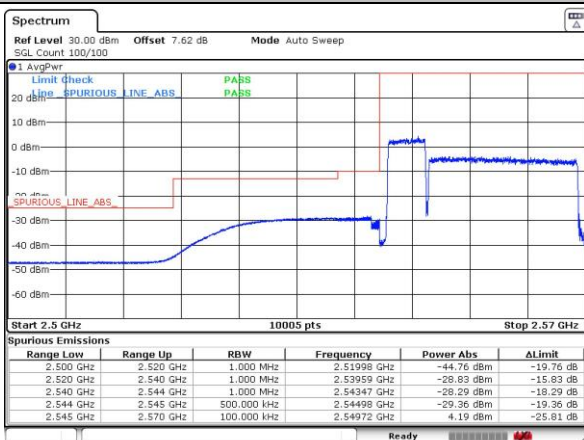
Date: 7 SEP 2018 16:56:15

Highest Band Edge / 1RB24 and 1RB0



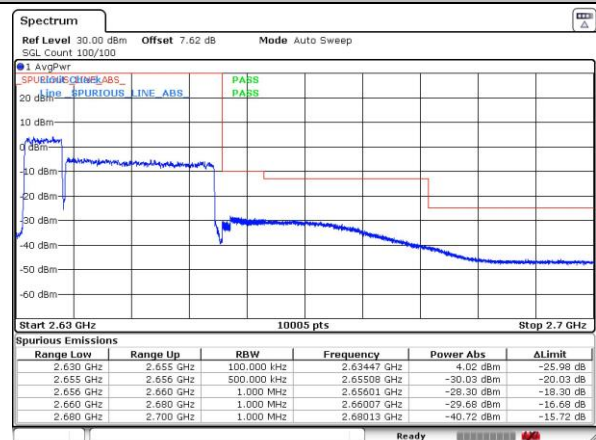
Date: 7 SEP 2018 17:54:33

Lowest Band Edge / Full RB



Date: 7 SEP 2018 16:55:26

Highest Band Edge / Full RB



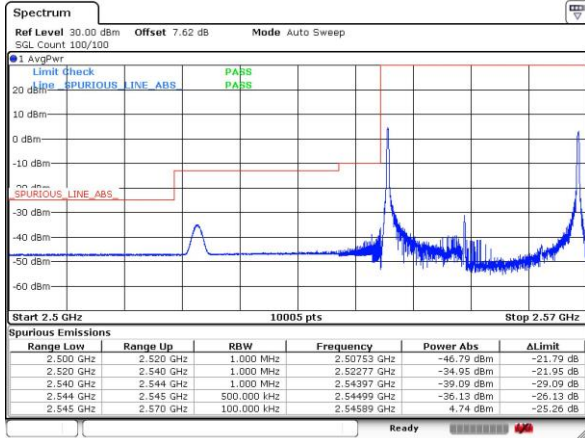
Date: 7 SEP 2018 17:50:09



LTE Band 41 / 10MHz+15MHz

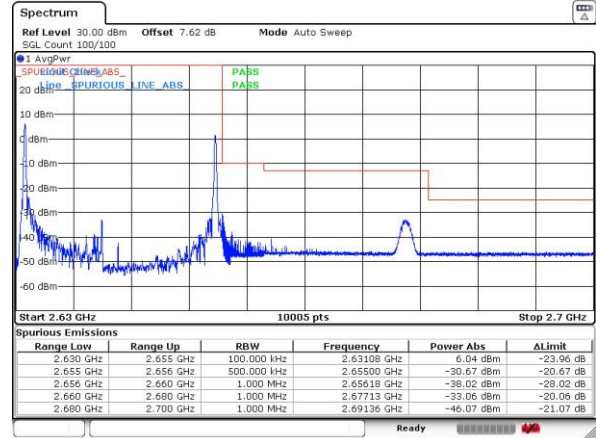
QPSK

Lowest Band Edge / 1RB0 and 1RB74



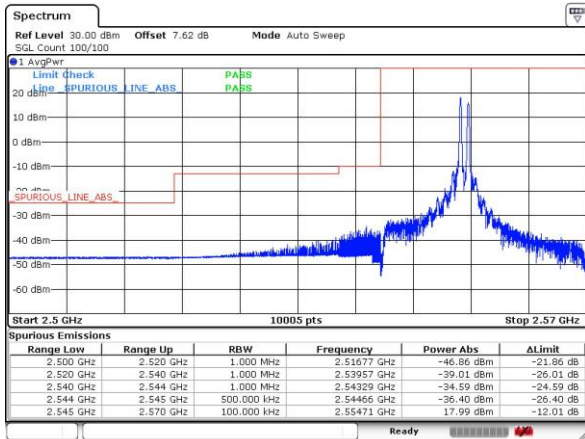
Date: 7 SEP 2018 17:13:29

Highest Band Edge / 1RB0 and 1RB74



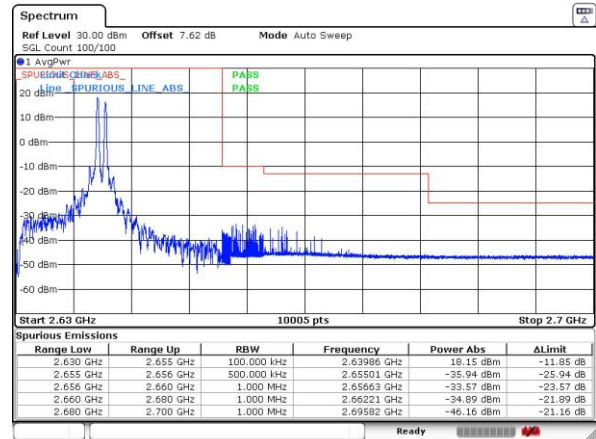
Date: 7 SEP 2018 17:45:52

Lowest Band Edge / 1RB49 and 1RB0



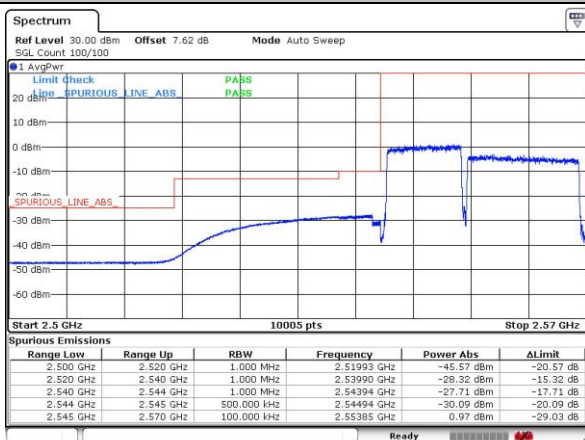
Date: 7 SEP 2018 17:12:36

Highest Band Edge / 1RB49 and 1RB0



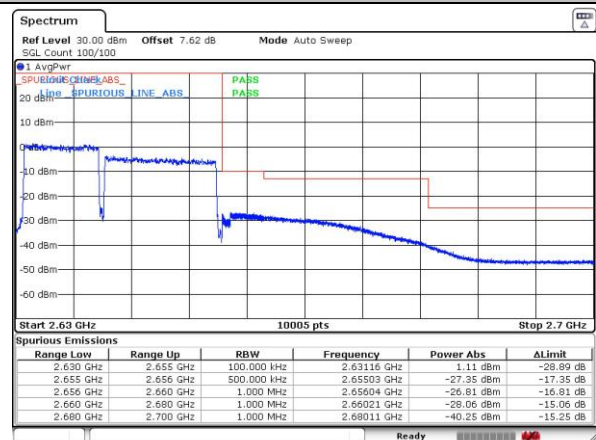
Date: 7 SEP 2018 17:41:33

Lowest Band Edge / Full RB



Date: 7 SEP 2018 17:08:50

Highest Band Edge / Full RB



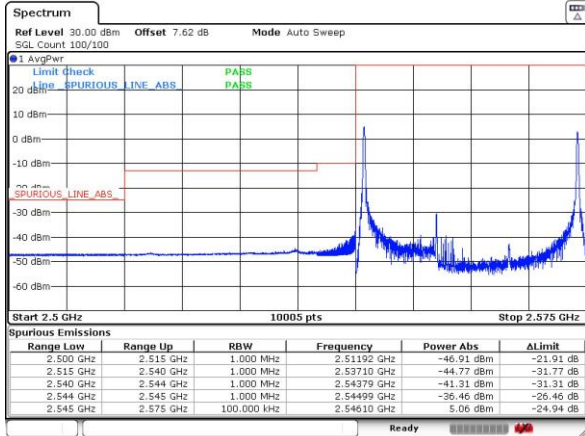
Date: 7 SEP 2018 17:40:56



LTE Band 41 / 10MHz+20MHz

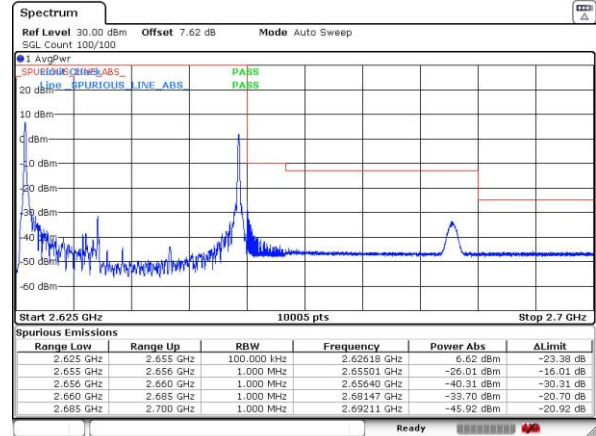
QPSK

Lowest Band Edge / 1RB0 and 1RB99



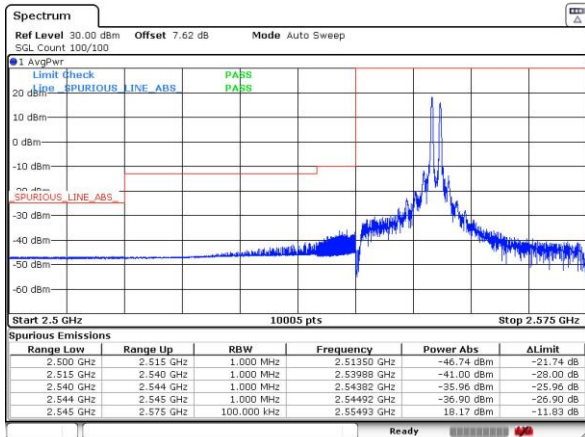
Date: 7 SEP 2018 16:27:27

Highest Band Edge / 1RB0 and 1RB99



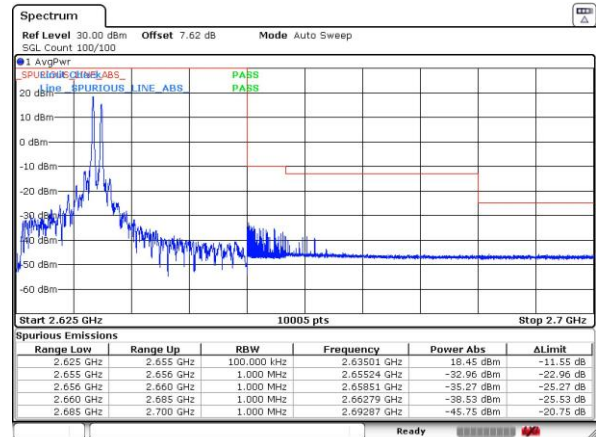
Date: 7 SEP 2018 16:27:25

Lowest Band Edge / 1RB49 and 1RB0



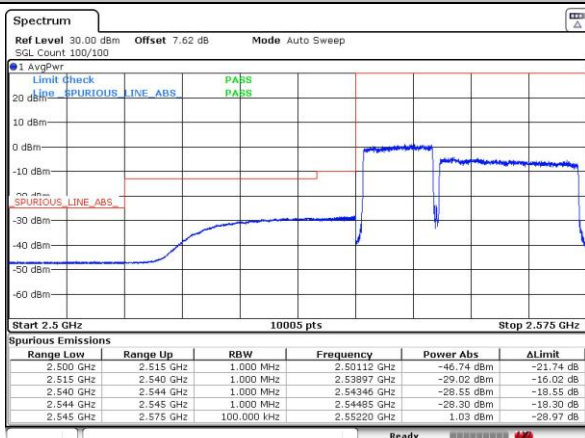
Date: 7 SEP 2018 16:23:58

Highest Band Edge / 1RB49 and 1RB0



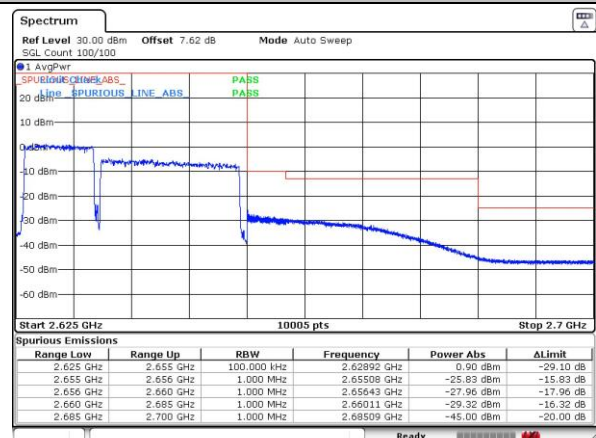
Date: 7 SEP 2018 16:26:49

Lowest Band Edge / Full RB



Date: 7 SEP 2018 16:23:10

Highest Band Edge / Full RB



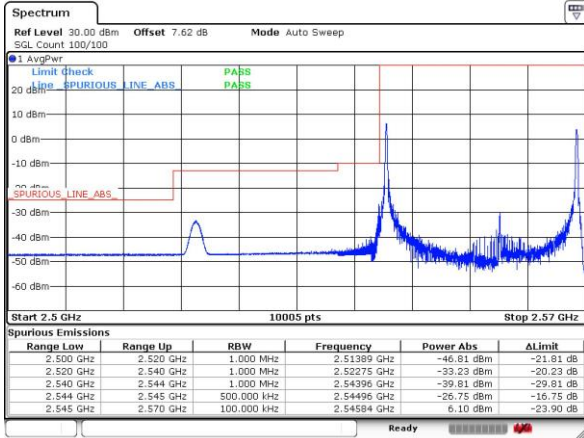
Date: 7 SEP 2018 16:22:47



LTE Band 41 / 15MHz+10MHz

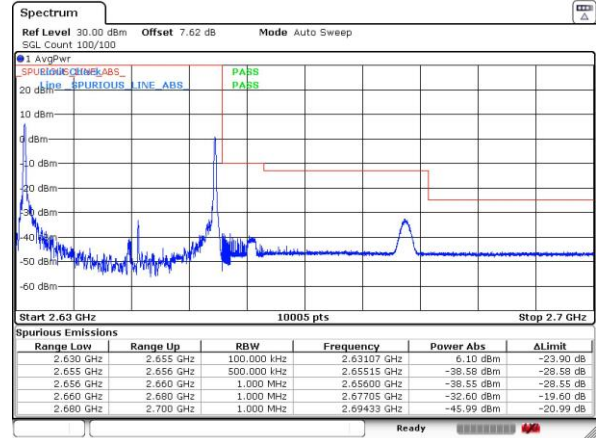
QPSK

Lowest Band Edge / 1RB0 and 1RB49



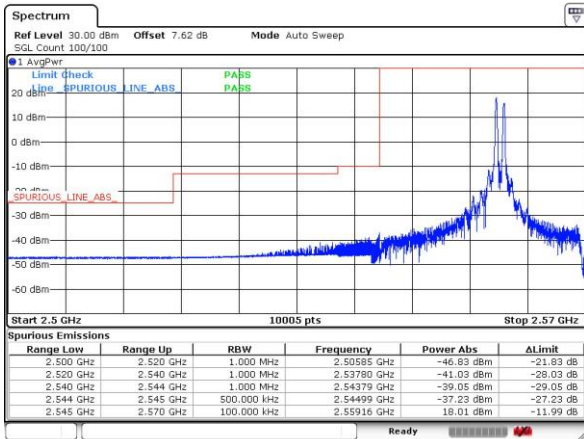
Date: 7 SEP 2018 17:25:47

Highest Band Edge / 1RB0 and 1RB49



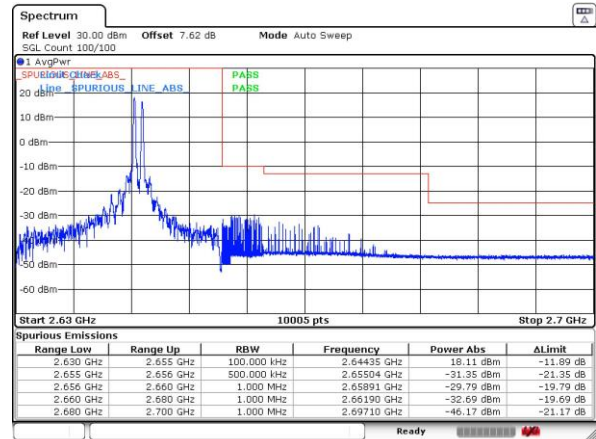
Date: 7 SEP 2018 17:32:48

Lowest Band Edge / 1RB74 and 1RB0



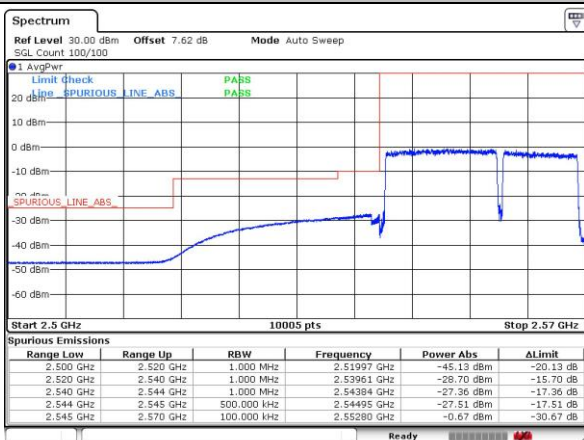
Date: 7 SEP 2018 17:20:15

Highest Band Edge / 1RB74 and 1RB0



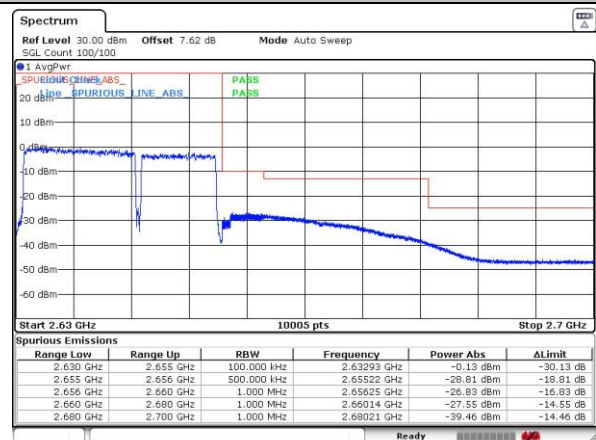
Date: 7 SEP 2018 17:36:00

Lowest Band Edge / Full RB



Date: 7 SEP 2018 17:18:40

Highest Band Edge / Full RB



Date: 7 SEP 2018 17:36:33