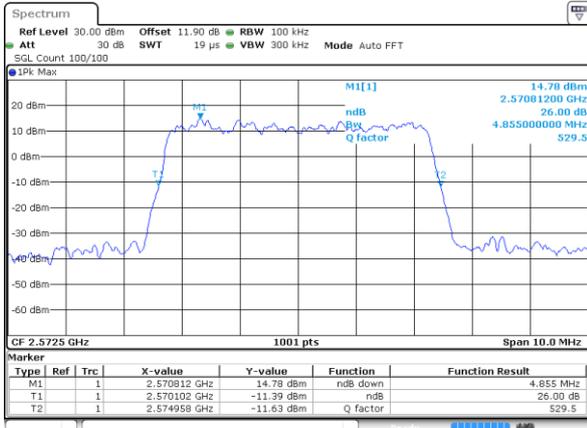




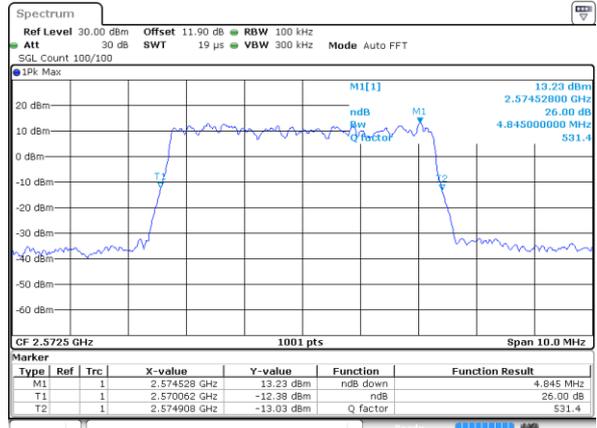
LTE Band 38

Lowest Channel / 5MHz / QPSK



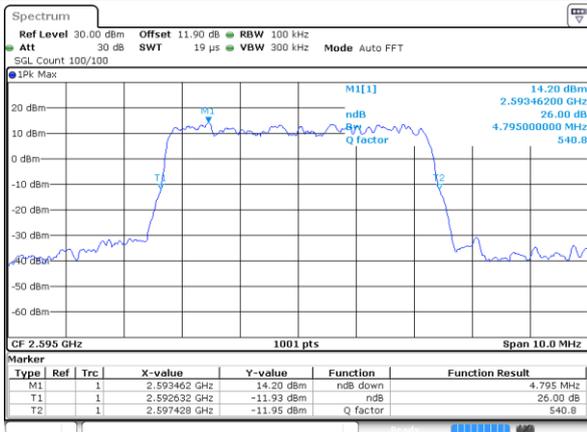
Date: 4 JAN 2020 21:09:55

Lowest Channel / 5MHz / 16QAM



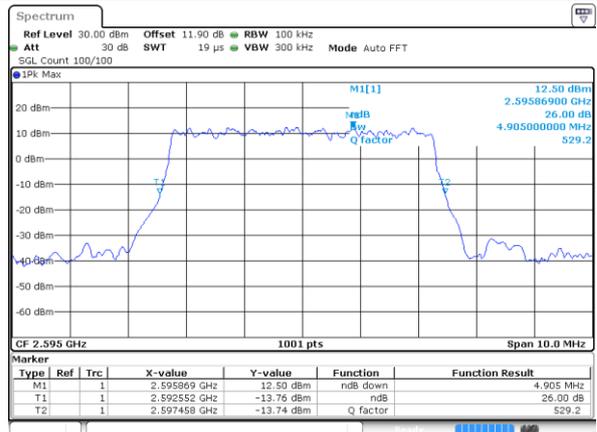
Date: 4 JAN 2020 21:10:07

Middle Channel / 5MHz / QPSK



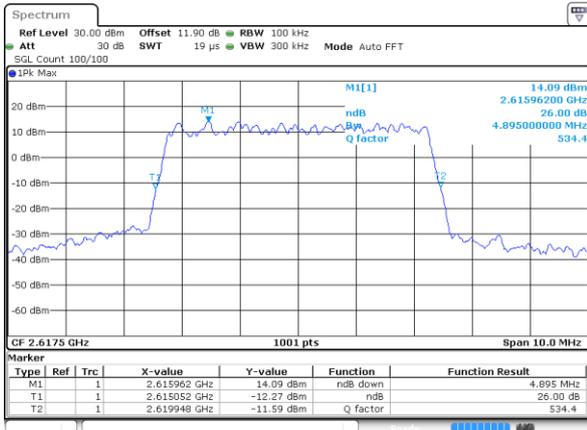
Date: 4 JAN 2020 21:10:43

Middle Channel / 5MHz / 16QAM



Date: 4 JAN 2020 21:10:54

Highest Channel / 5MHz / QPSK



Date: 4 JAN 2020 21:11:30

Highest Channel / 5MHz / 16QAM

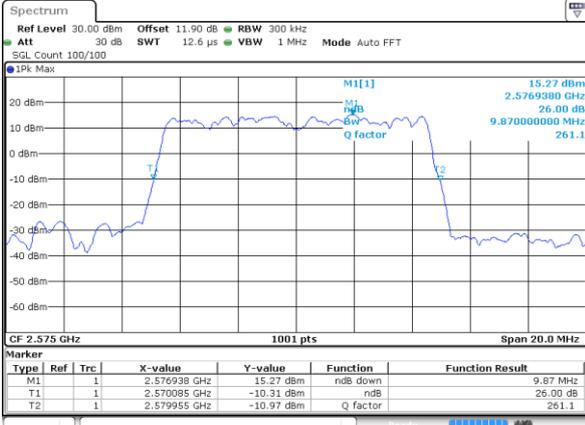


Date: 4 JAN 2020 21:11:42



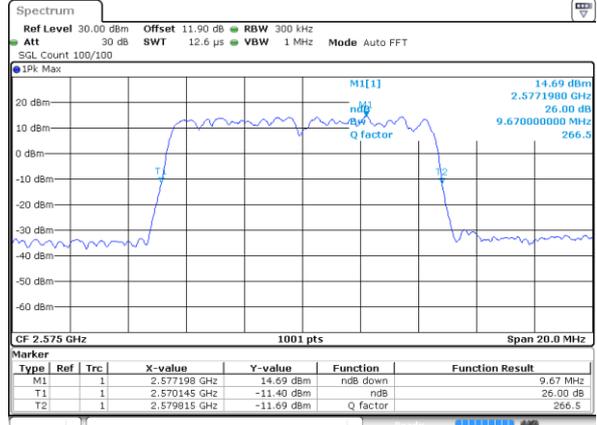
LTE Band 38

Lowest Channel / 10MHz / QPSK



Date: 4 JAN 2020 21:12:19

Lowest Channel / 10MHz / 16QAM



Date: 4 JAN 2020 21:12:31

Middle Channel / 10MHz / QPSK



Date: 4 JAN 2020 21:13:05

Middle Channel / 10MHz / 16QAM



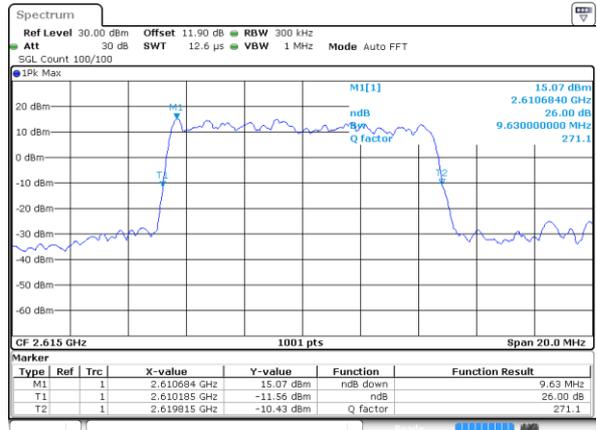
Date: 4 JAN 2020 21:13:17

Highest Channel / 10MHz / QPSK



Date: 4 JAN 2020 21:13:52

Highest Channel / 10MHz / 16QAM

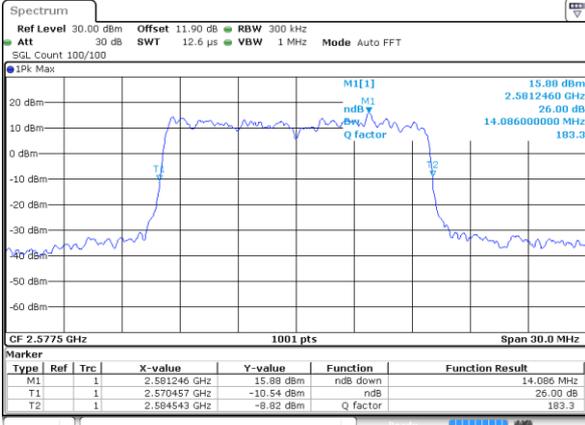


Date: 4 JAN 2020 21:14:04



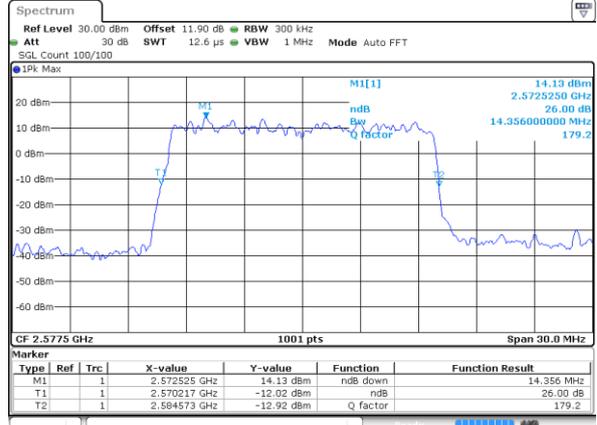
LTE Band 38

Lowest Channel / 15MHz / QPSK



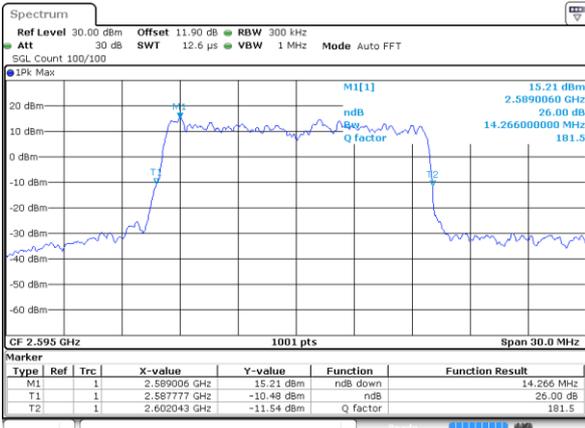
Date: 4 JAN 2020 21:14:41

Lowest Channel / 15MHz / 16QAM



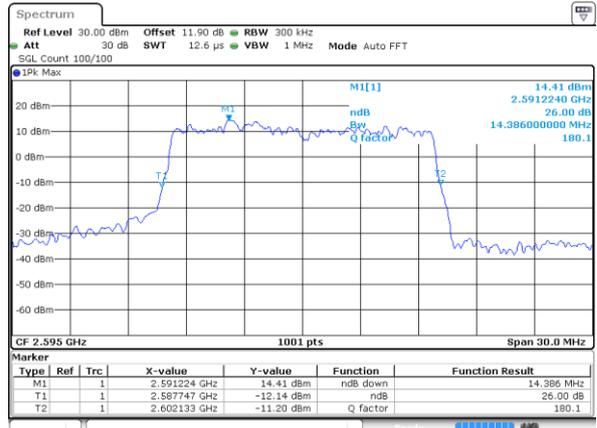
Date: 4 JAN 2020 21:14:53

Middle Channel / 15MHz / QPSK



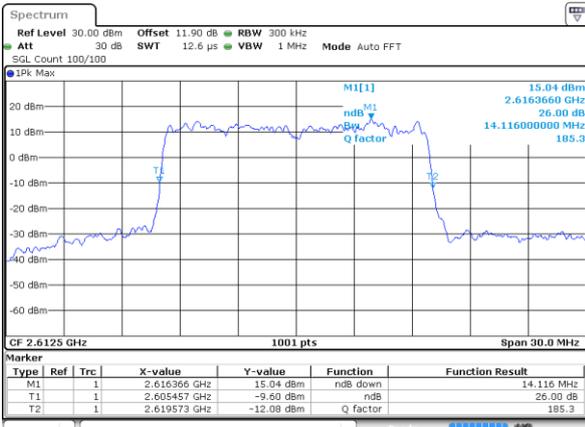
Date: 4 JAN 2020 21:15:27

Middle Channel / 15MHz / 16QAM



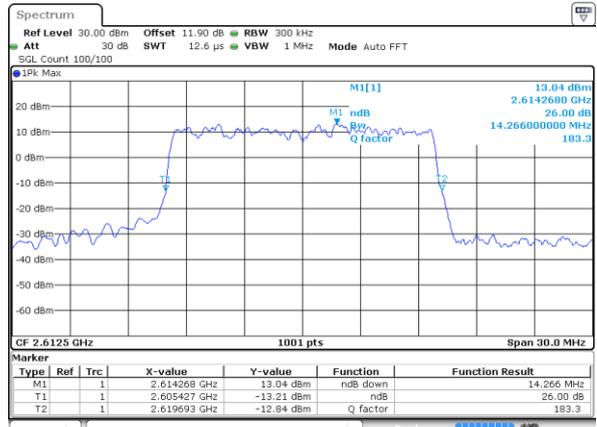
Date: 4 JAN 2020 21:15:39

Highest Channel / 15MHz / QPSK



Date: 4 JAN 2020 21:16:15

Highest Channel / 15MHz / 16QAM

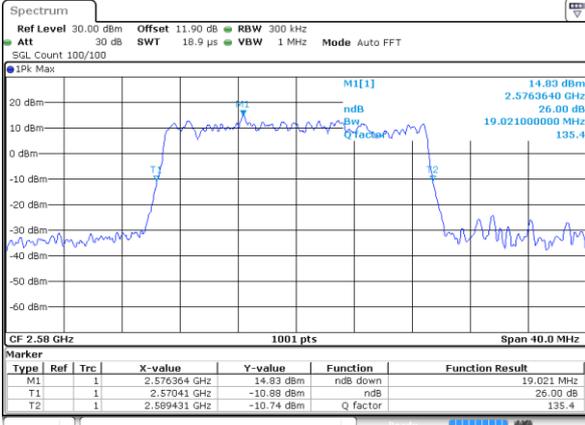


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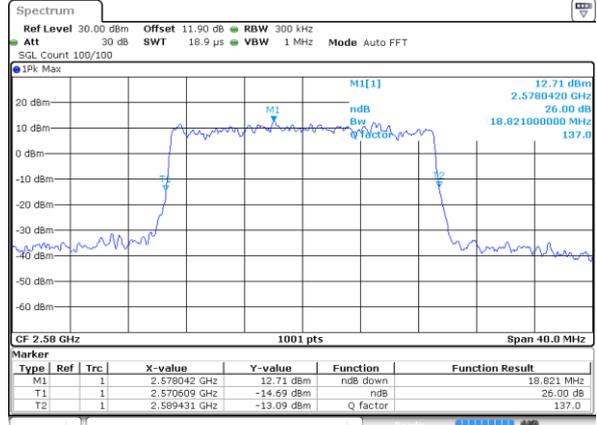
LTE Band 38

Lowest Channel / 20MHz / QPSK



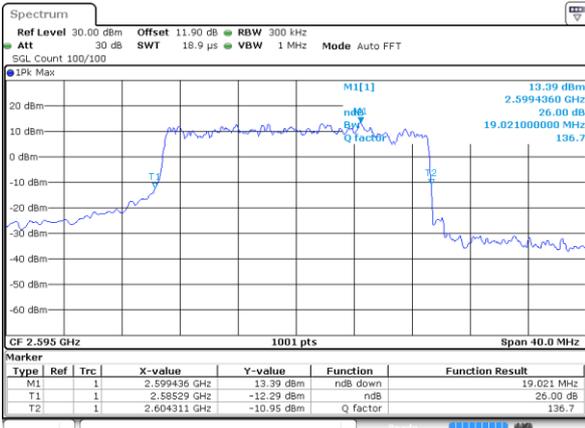
Date: 4 JAN 2020 21:17:03

Lowest Channel / 20MHz / 16QAM



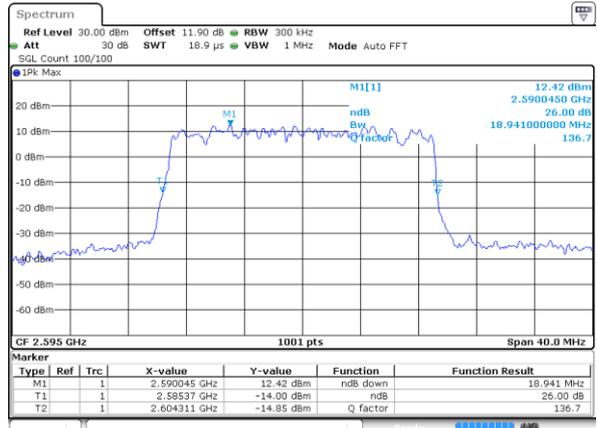
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Middle Channel / 20MHz / QPSK



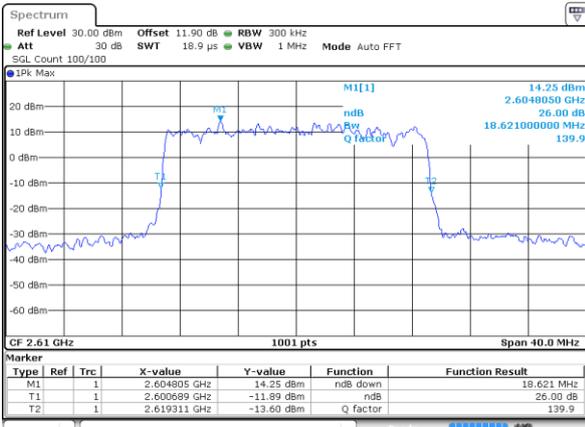
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Middle Channel / 20MHz / 16QAM



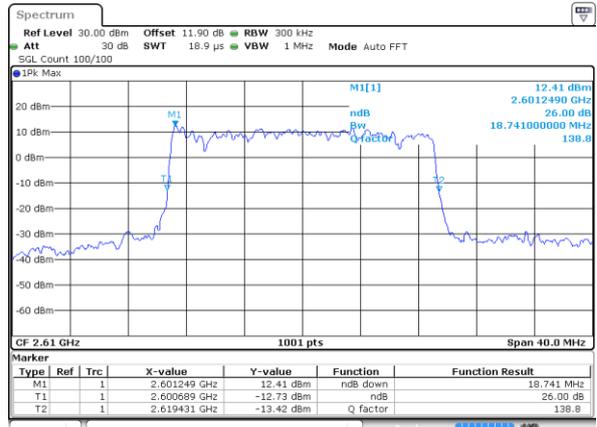
Date: 4 JAN 2020 21:18:01

Highest Channel / 20MHz / QPSK



Date: 4 JAN 2020 21:18:37

Highest Channel / 20MHz / 16QAM

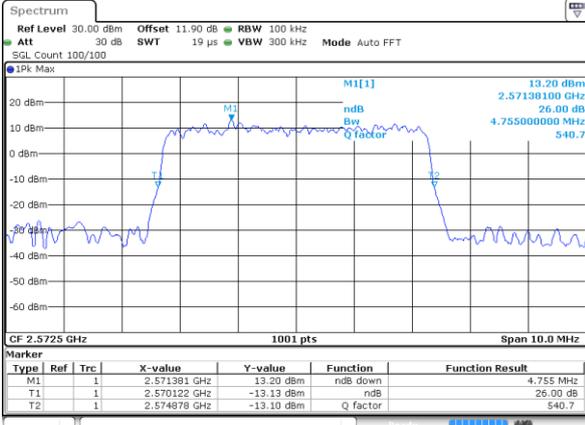


Date: 4 JAN 2020 21:18:49



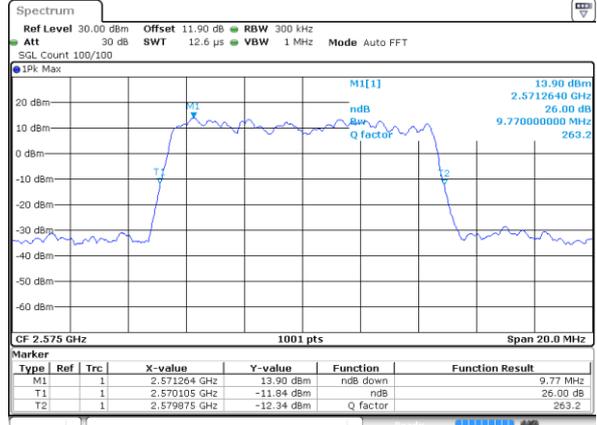
LTE Band 38

Lowest Channel / 5MHz / 64QAM



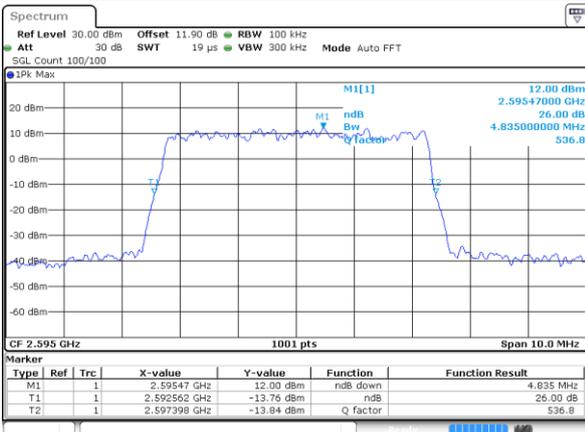
Date: 4 JAN 2020 21:19:14

Lowest Channel / 10MHz / 64QAM



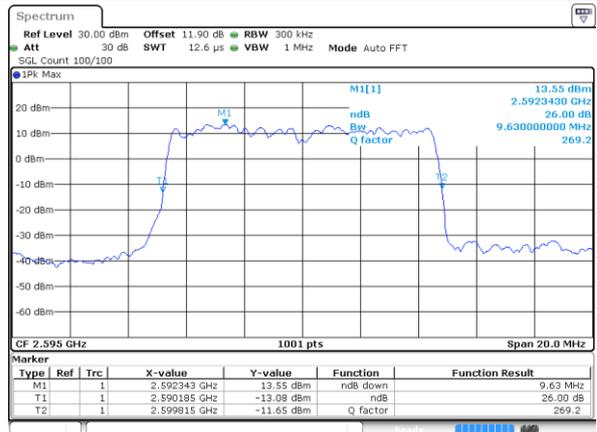
Date: 4 JAN 2020 21:20:25

Middle Channel / 5MHz / 64QAM



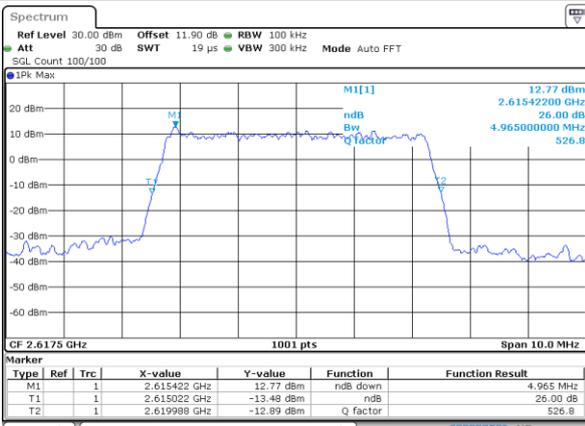
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Middle Channel / 10MHz / 64QAM



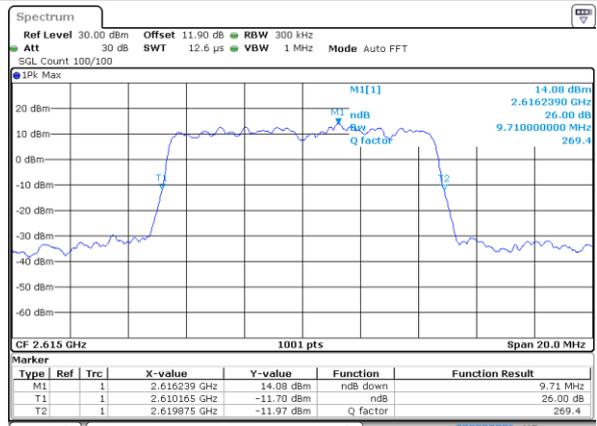
Date: 4 JAN 2020 21:20:48

Highest Channel / 5MHz / 64QAM



Date: 4 JAN 2020 21:20:01

Highest Channel / 10MHz / 64QAM

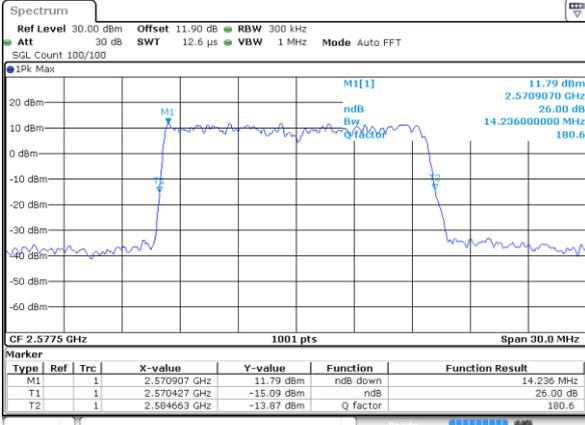


Date: 4 JAN 2020 21:21:12



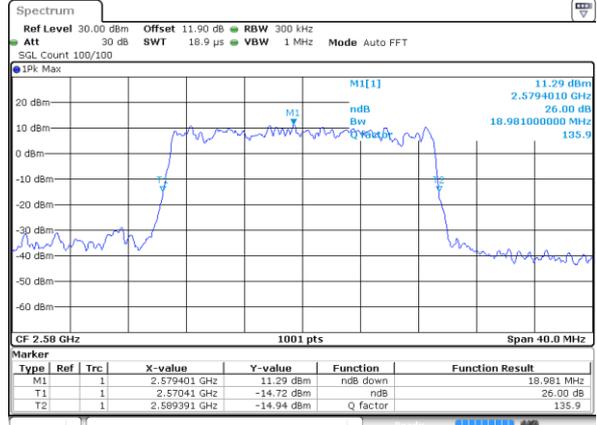
LTE Band 38

Lowest Channel / 15MHz / 64QAM



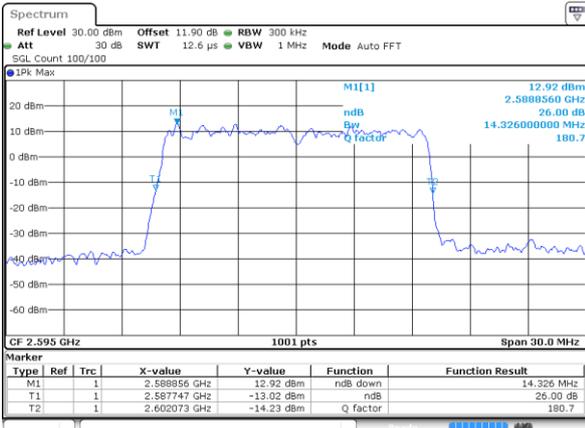
Date: 4 JAN 2020 21:21:36

Lowest Channel / 20MHz / 64QAM



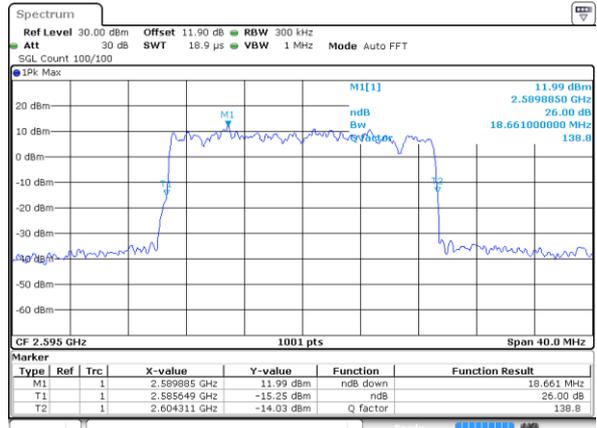
Date: 4 JAN 2020 21:22:47

Middle Channel / 15MHz / 64QAM



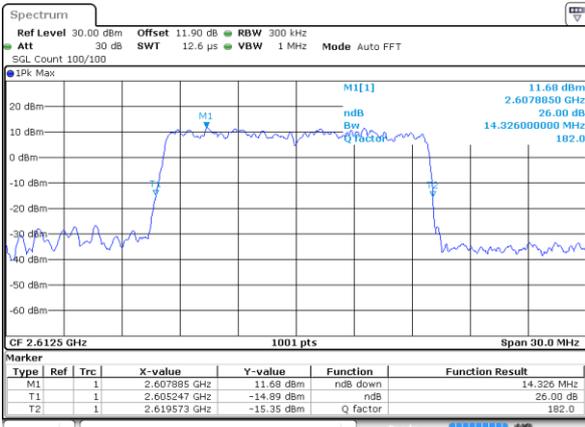
Date: 4 JAN 2020 21:21:59

Middle Channel / 20MHz / 64QAM



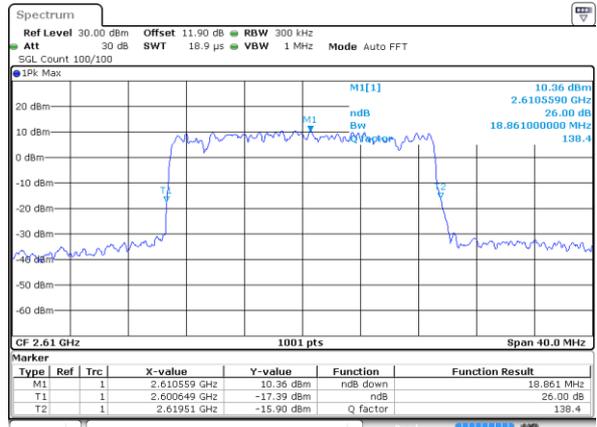
Date: 4 JAN 2020 21:23:10

Highest Channel / 15MHz / 64QAM



Date: 4 JAN 2020 21:22:23

Highest Channel / 20MHz / 64QAM



Date: 4 JAN 2020 21:23:34



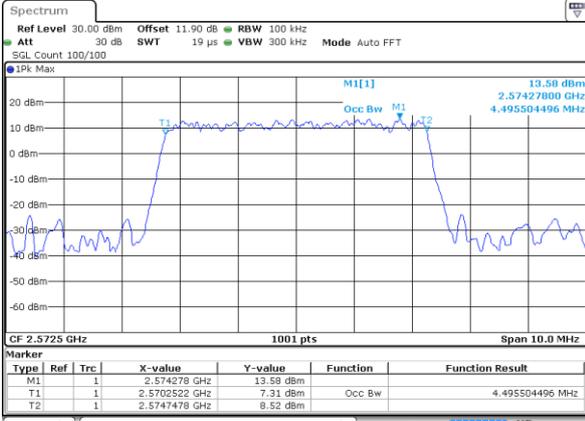
Occupied Bandwidth

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.51	9.01	8.99	13.55	13.40	17.90	17.82
Middle CH	-	-	-	-	4.49	4.50	8.97	8.99	13.46	13.46	17.78	17.74
Highest CH	-	-	-	-	4.51	4.49	8.97	9.01	13.40	13.46	17.90	17.78
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.51	-	9.05	-	13.43	-	17.82	-
Middle CH	-	-	-	-	4.50	-	9.01	-	13.37	-	17.82	-
Highest CH	-	-	-	-	4.48	-	9.01	-	13.40	-	17.90	-



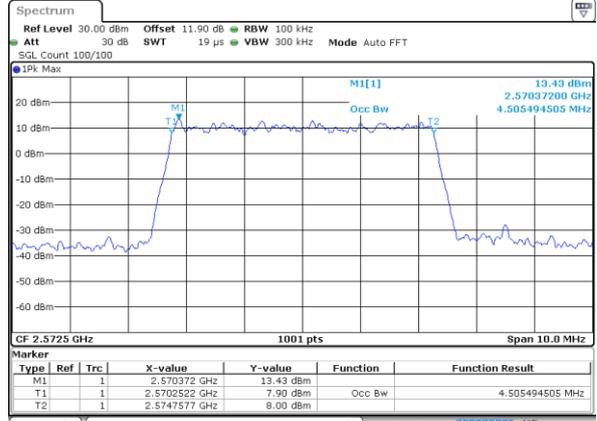
LTE Band 38

Lowest Channel / 5MHz / QPSK



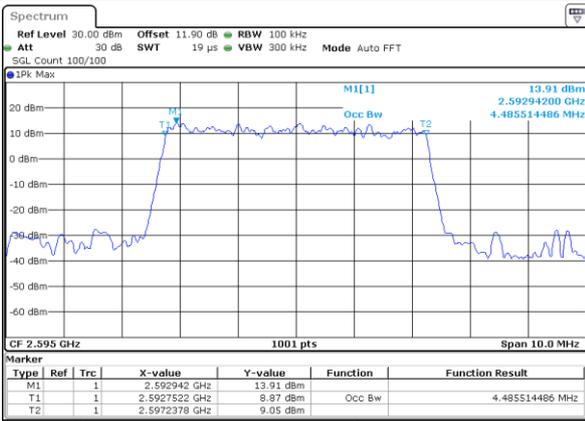
Date: 4 JAN 2020 21:09:32

Lowest Channel / 5MHz / 16QAM



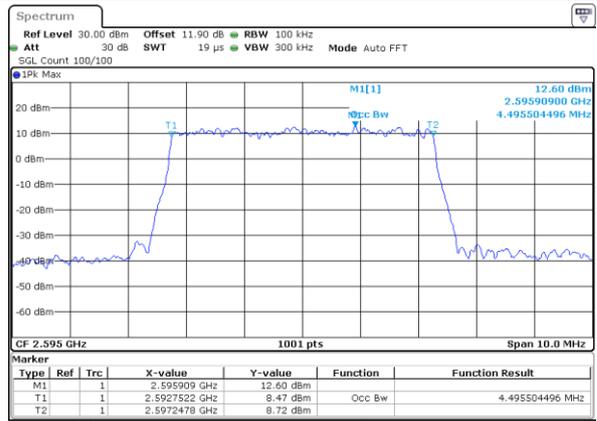
Date: 4 JAN 2020 21:09:43

Middle Channel / 5MHz / QPSK



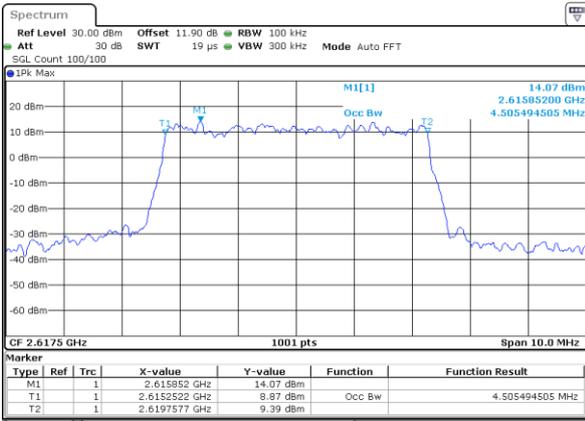
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Middle Channel / 5MHz / 16QAM



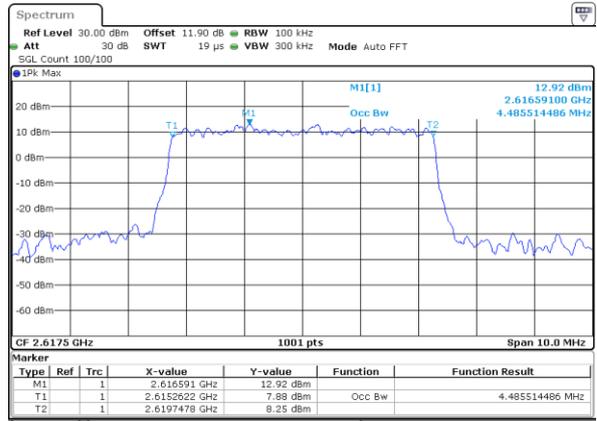
Date: 4 JAN 2020 21:10:31

Highest Channel / 5MHz / QPSK



Date: 4 JAN 2020 21:11:06

Highest Channel / 5MHz / 16QAM

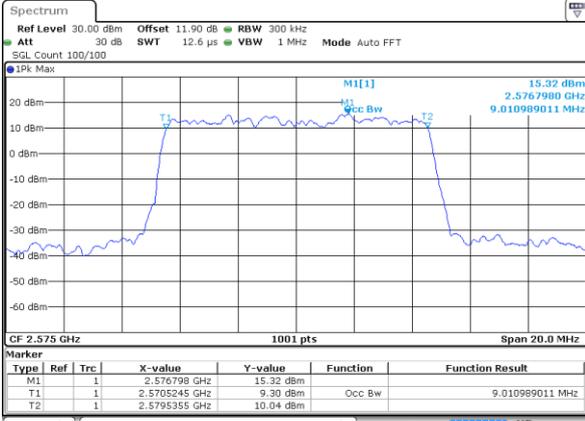


Date: 4 JAN 2020 21:11:18



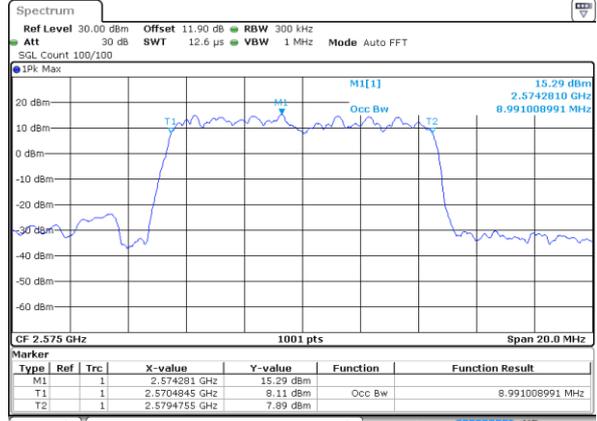
LTE Band 38

Lowest Channel / 10MHz / QPSK



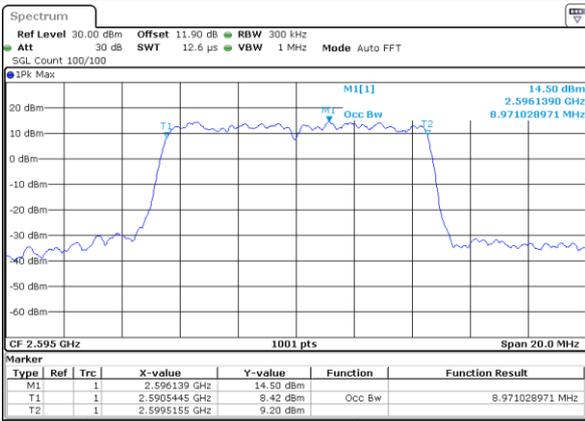
Date: 4 JAN 2020 21:11:55

Lowest Channel / 10MHz / 16QAM



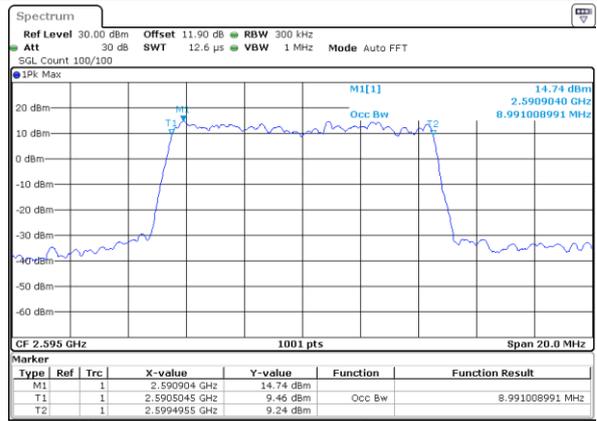
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Middle Channel / 10MHz / QPSK



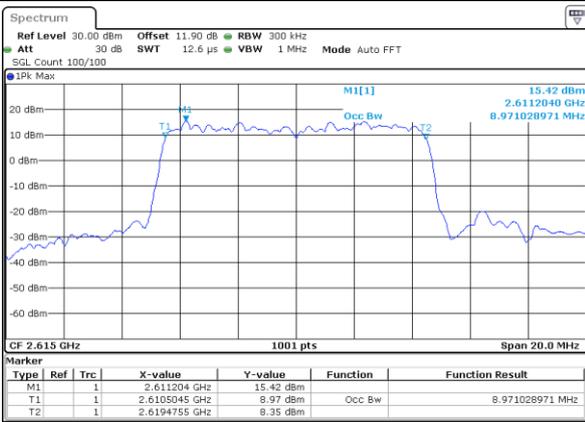
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Middle Channel / 10MHz / 16QAM



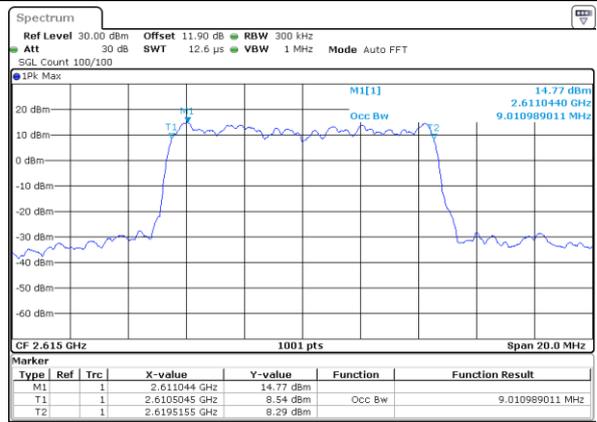
Date: 4 JAN 2020 21:12:54

Highest Channel / 10MHz / QPSK



Date: 4 JAN 2020 21:13:28

Highest Channel / 10MHz / 16QAM

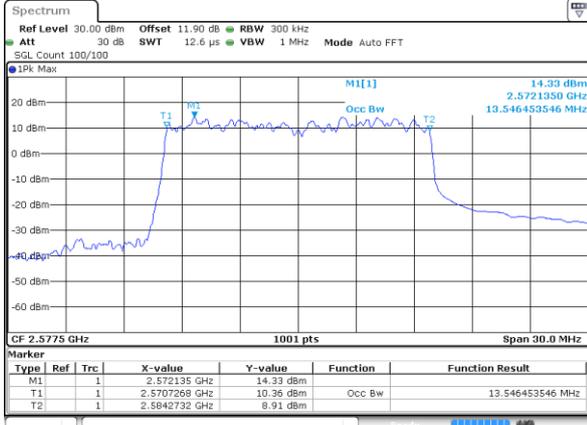


Date: 4 JAN 2020 21:13:40



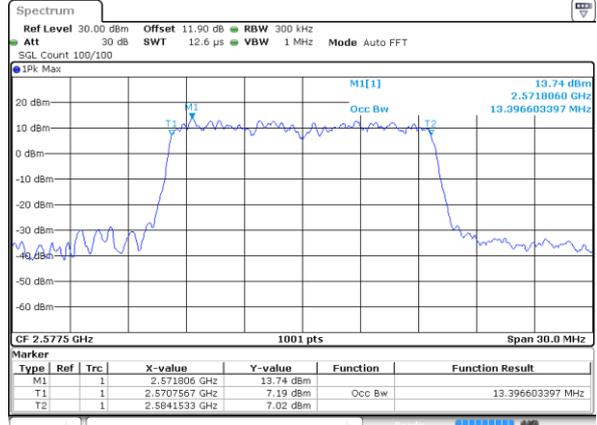
LTE Band 38

Lowest Channel / 15MHz / QPSK



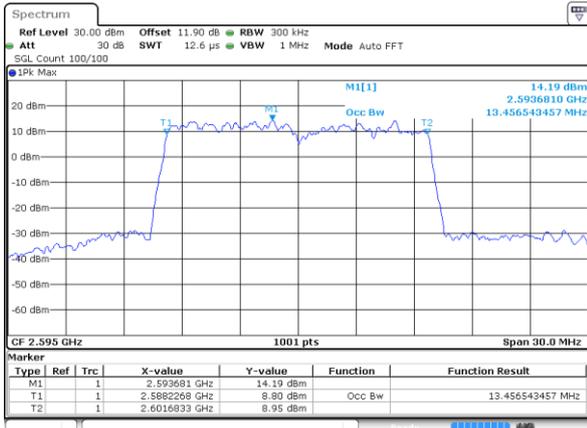
Date: 4 JAN 2020 21:14:17

Lowest Channel / 15MHz / 16QAM



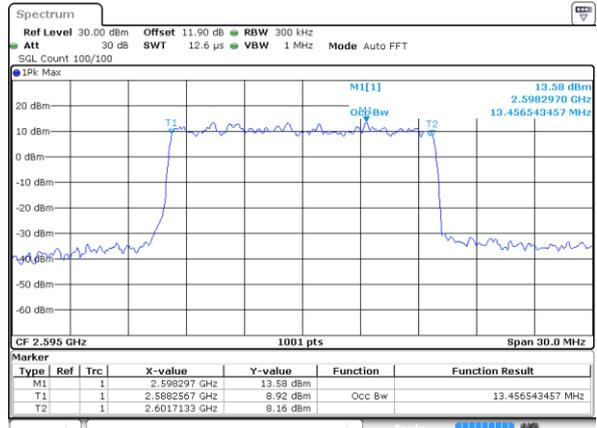
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Middle Channel / 15MHz / QPSK



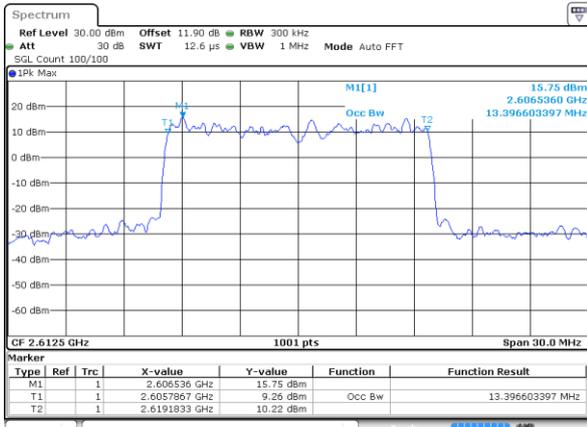
Date: 4 JAN 2020 21:15:04

Middle Channel / 15MHz / 16QAM



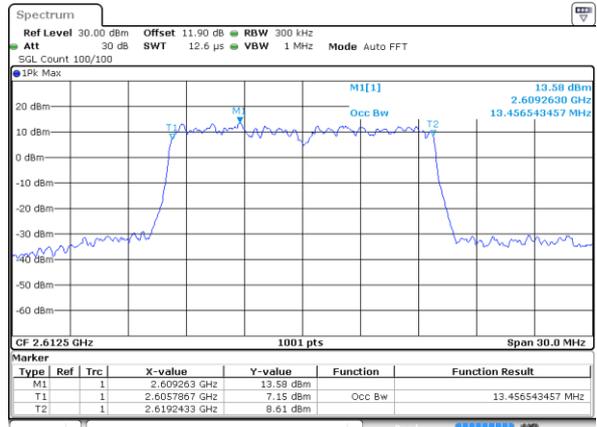
Date: 4 JAN 2020 21:15:16

Highest Channel / 15MHz / QPSK



Date: 4 JAN 2020 21:15:51

Highest Channel / 15MHz / 16QAM

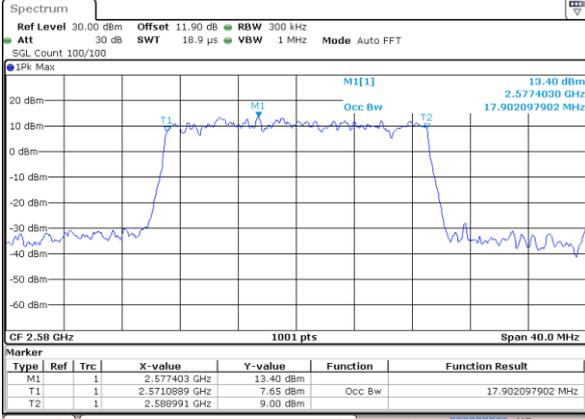


Date: 4 JAN 2020 21:16:03



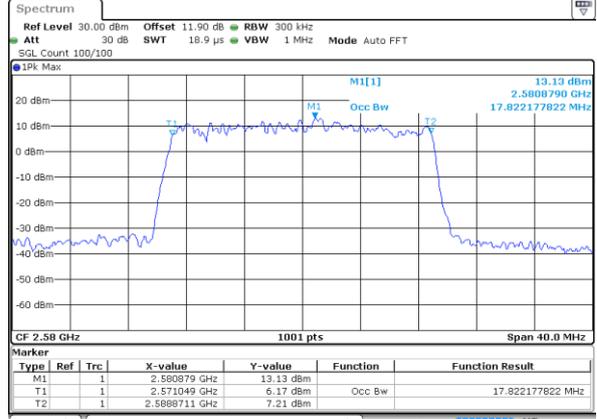
LTE Band 38

Lowest Channel / 20MHz / QPSK



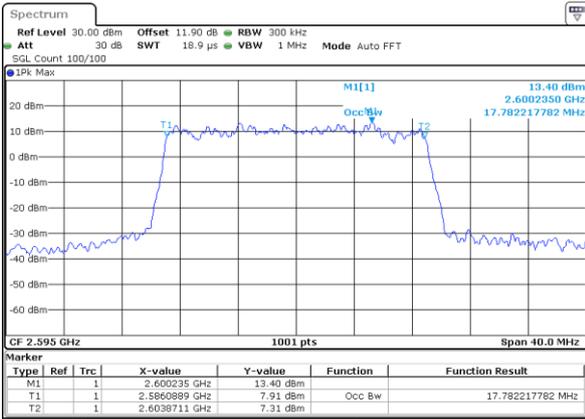
Date: 4 JAN 2020 21:16:39

Lowest Channel / 20MHz / 16QAM



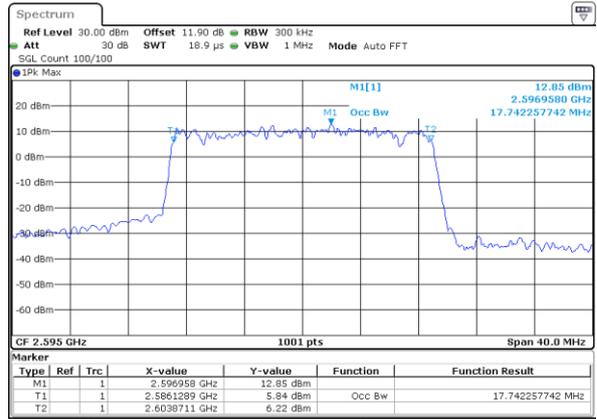
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Middle Channel / 20MHz / QPSK



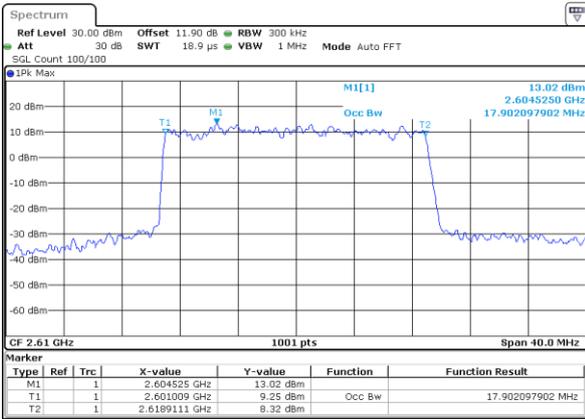
Date: 4 JAN 2020 21:17:27

Middle Channel / 20MHz / 16QAM



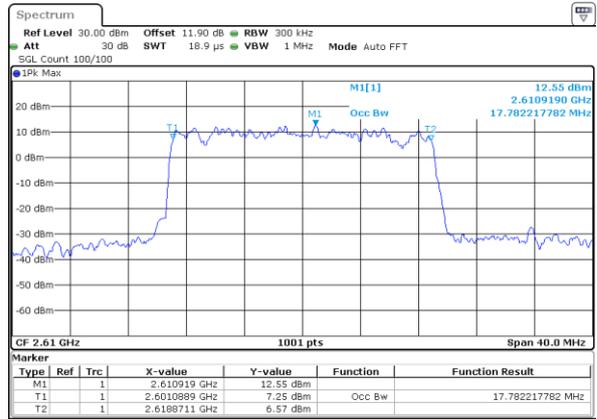
Date: 4 JAN 2020 21:17:39

Highest Channel / 20MHz / QPSK



Date: 4 JAN 2020 21:18:13

Highest Channel / 20MHz / 16QAM

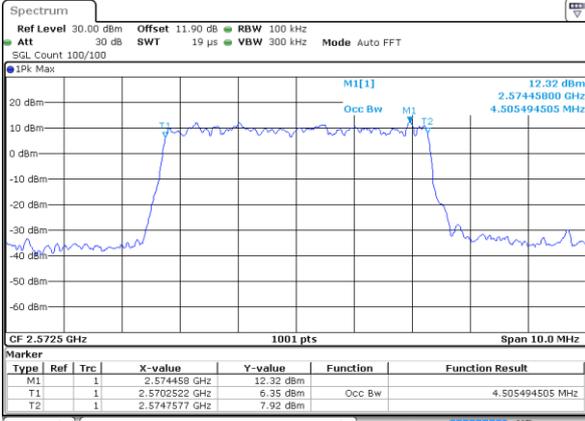


Date: 4 JAN 2020 21:18:25



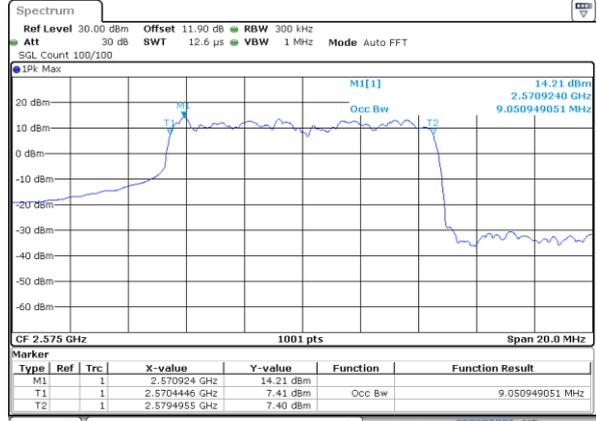
LTE Band 38

Lowest Channel / 5MHz / 64QAM



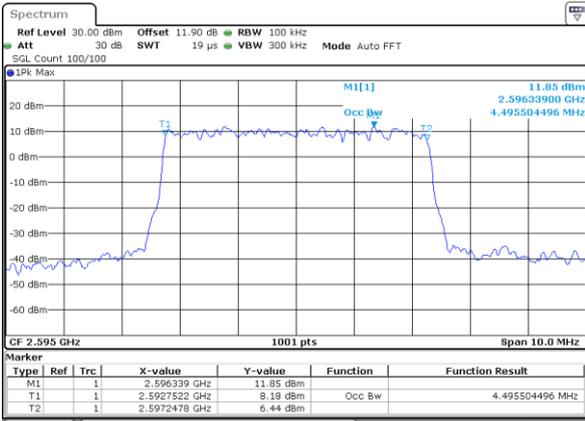
Date: 4 JAN 2020 21:19:02

Lowest Channel / 10MHz / 64QAM



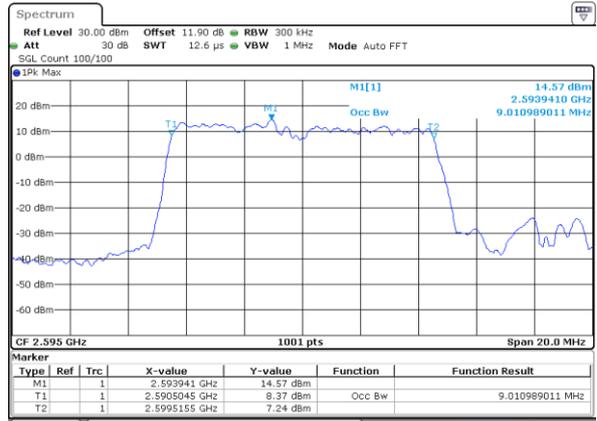
Date: 4 JAN 2020 21:20:13

Middle Channel / 5MHz / 64QAM



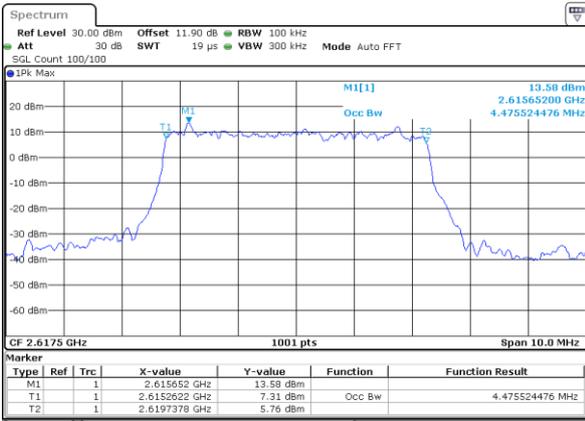
Date: 4 JAN 2020 21:19:25

Middle Channel / 10MHz / 64QAM



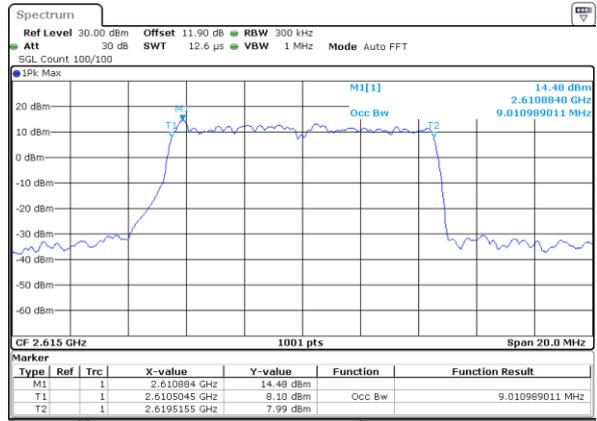
Date: 4 JAN 2020 21:20:37

Highest Channel / 5MHz / 64QAM



Date: 4 JAN 2020 21:19:49

Highest Channel / 10MHz / 64QAM

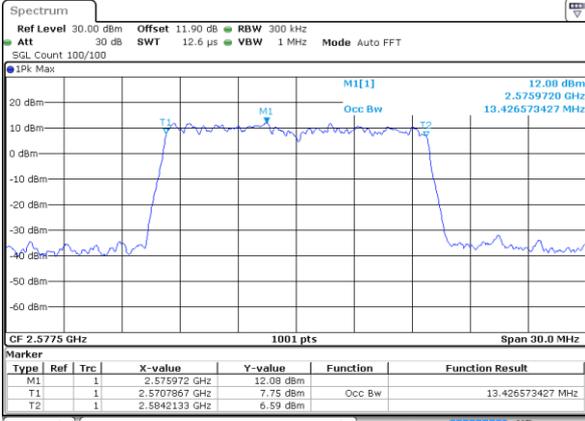


Date: 4 JAN 2020 21:21:00



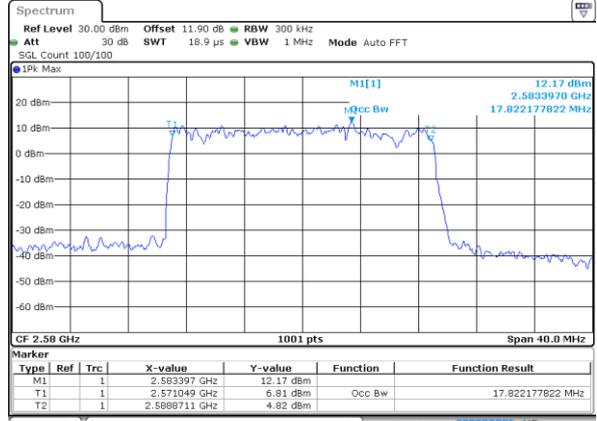
LTE Band 38

Lowest Channel / 15MHz / 64QAM



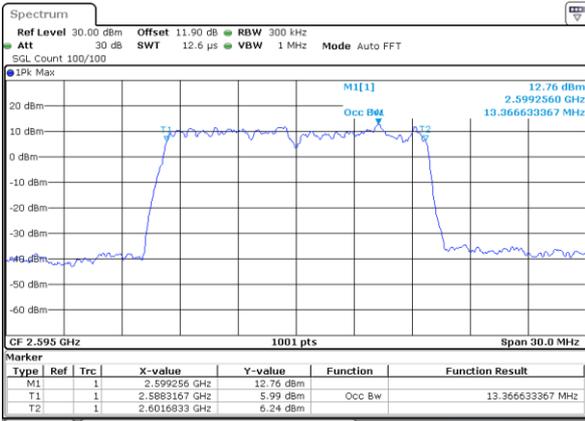
Date: 4 JAN 2020 21:21:24

Lowest Channel / 20MHz / 64QAM



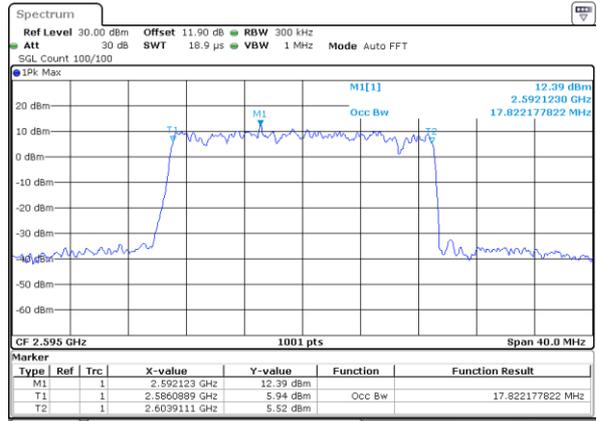
Date: 4 JAN 2020 21:22:35

Middle Channel / 15MHz / 64QAM



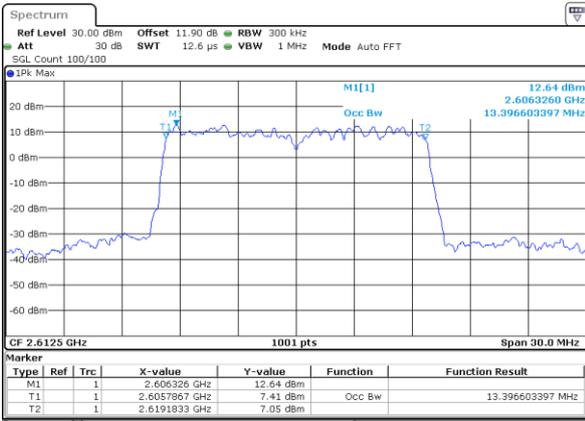
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Middle Channel / 20MHz / 64QAM



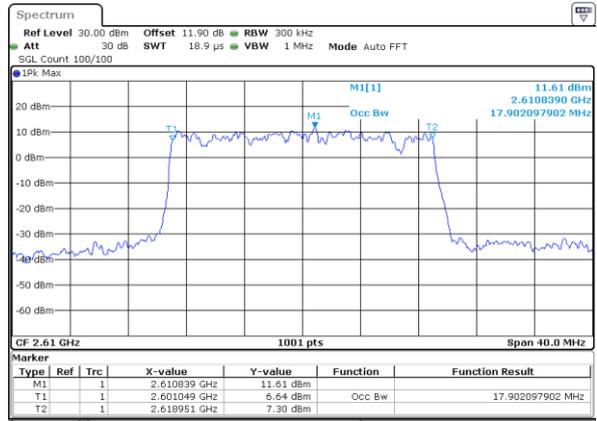
Date: 4 JAN 2020 21:22:58

Highest Channel / 15MHz / 64QAM



Date: 4 JAN 2020 21:22:11

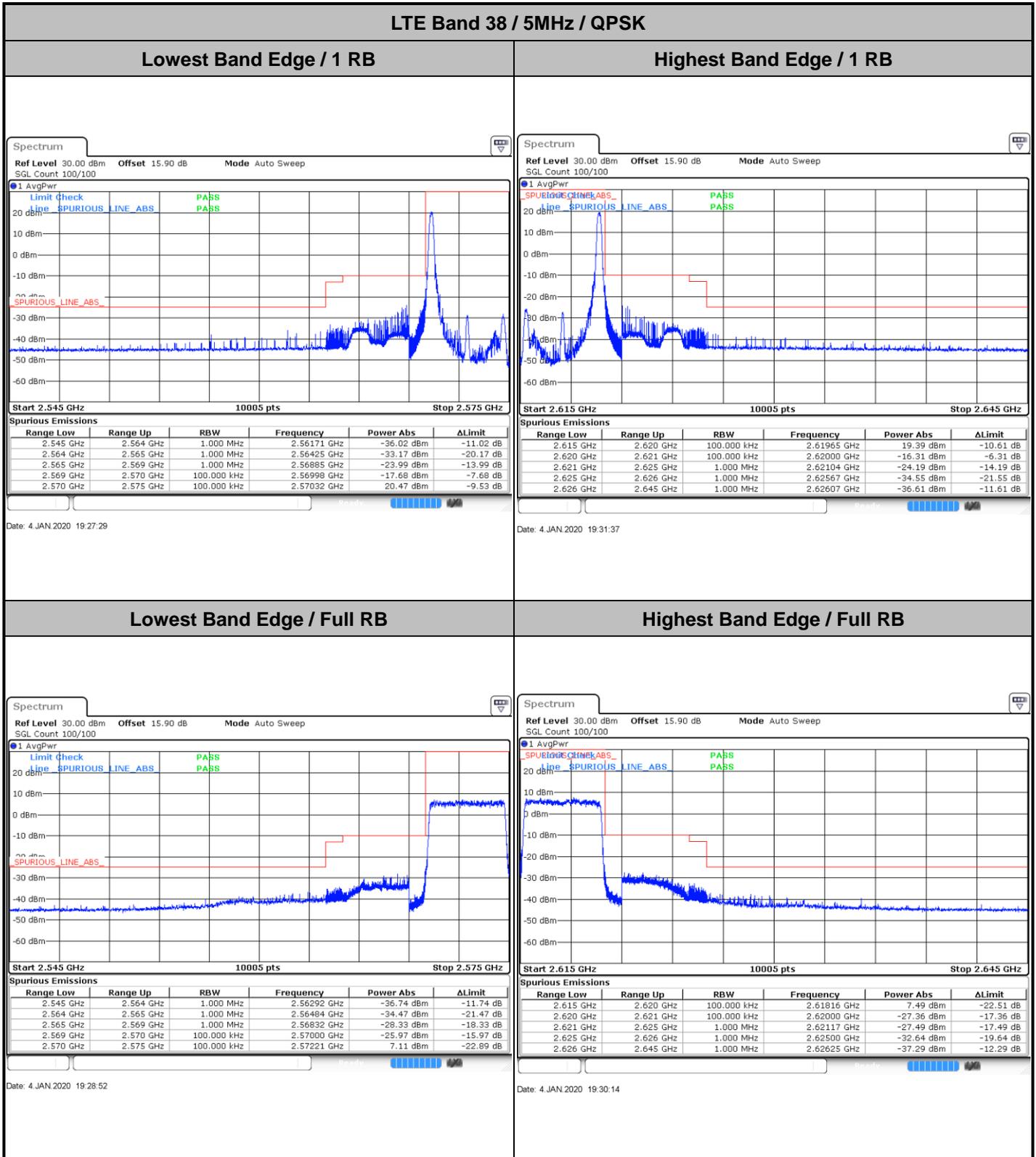
Highest Channel / 20MHz / 64QAM



Date: 4 JAN 2020 21:23:22



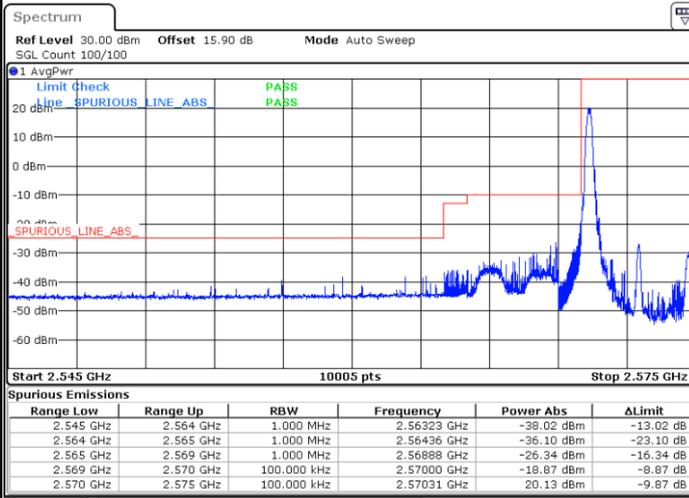
Conducted Band Edge





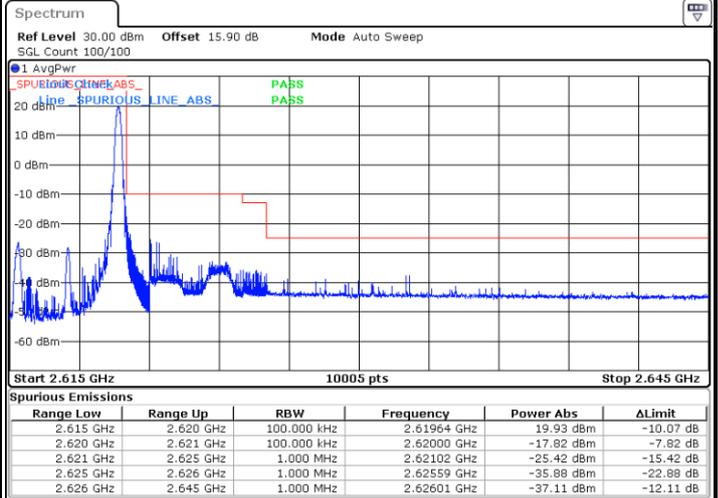
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



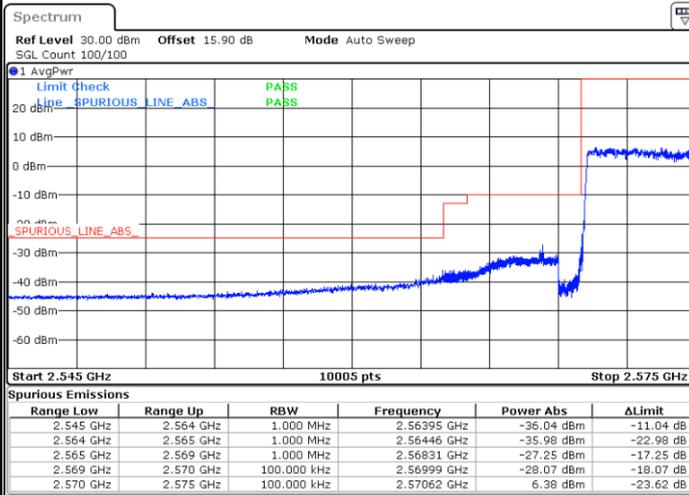
Date: 4 JAN 2020 19:28:10

Highest Band Edge / 1 RB



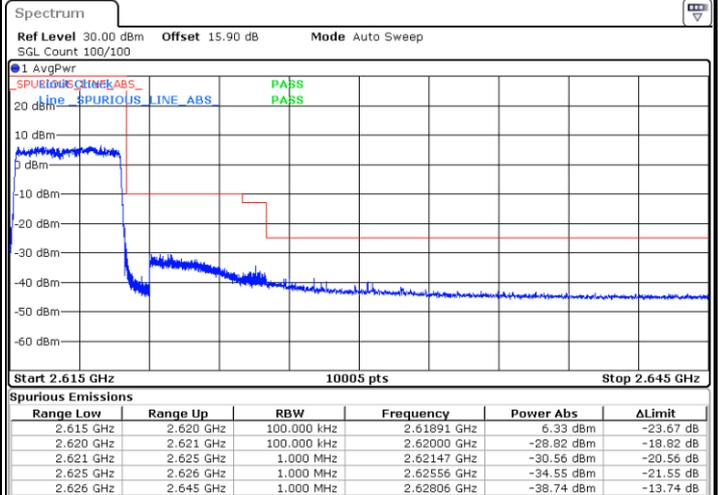
Date: 4 JAN 2020 19:32:19

Lowest Band Edge / Full RB



Date: 4 JAN 2020 19:29:33

Highest Band Edge / Full RB

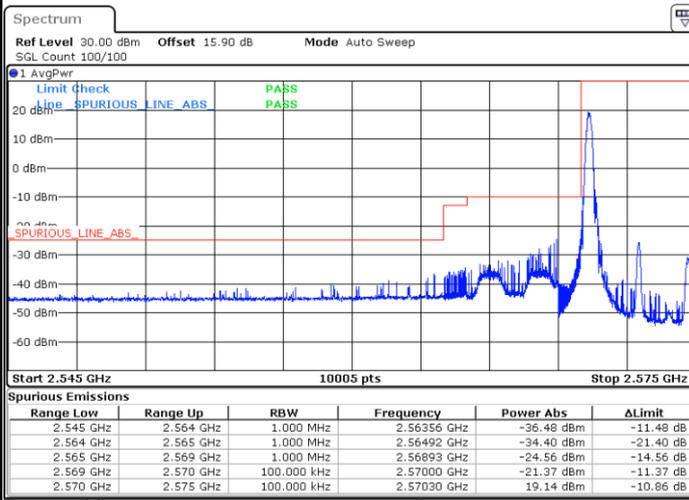


Date: 4 JAN 2020 19:30:56



LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



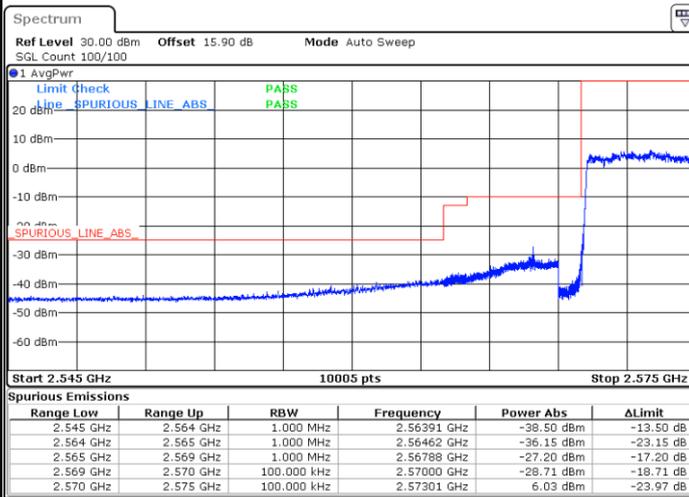
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Highest Band Edge / 1 RB



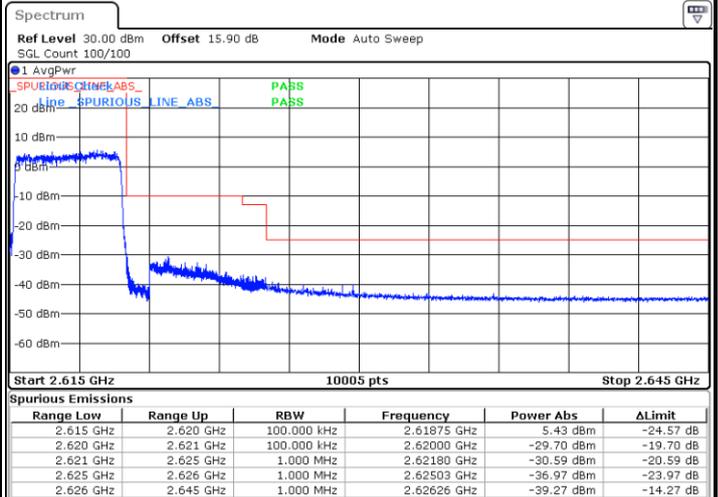
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Lowest Band Edge / Full RB



Date: 4 JAN 2020 19:33:42

Highest Band Edge / Full RB



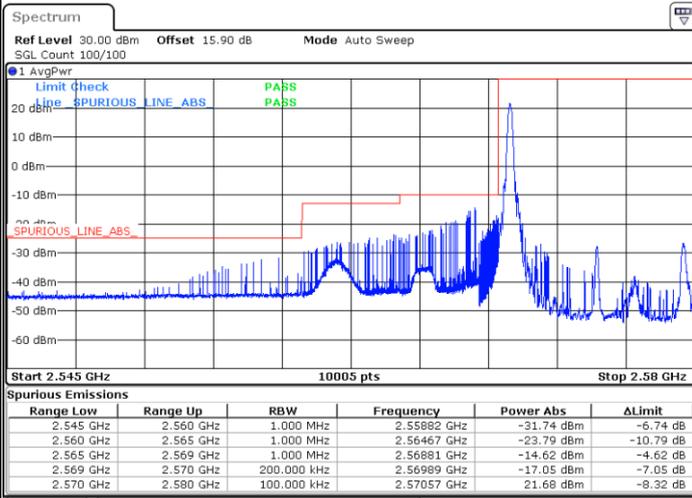
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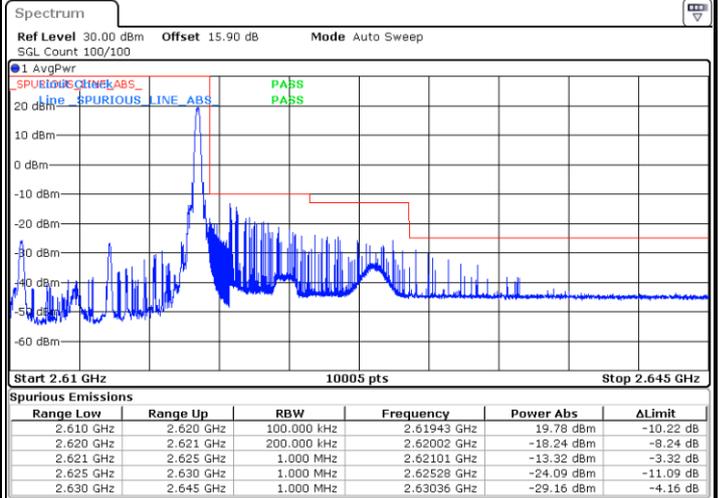
LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



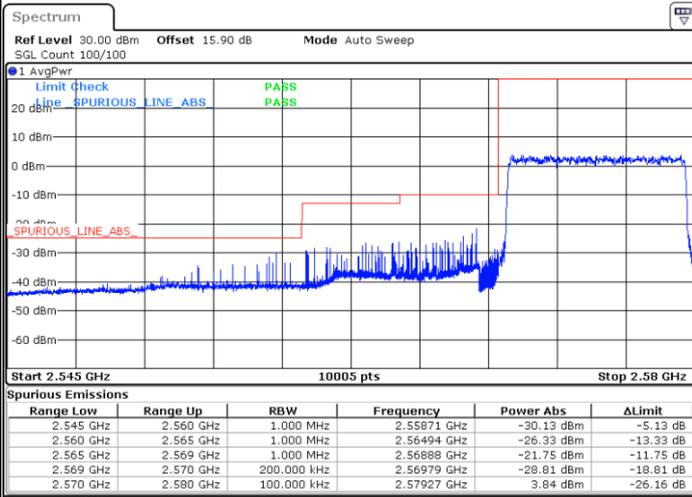
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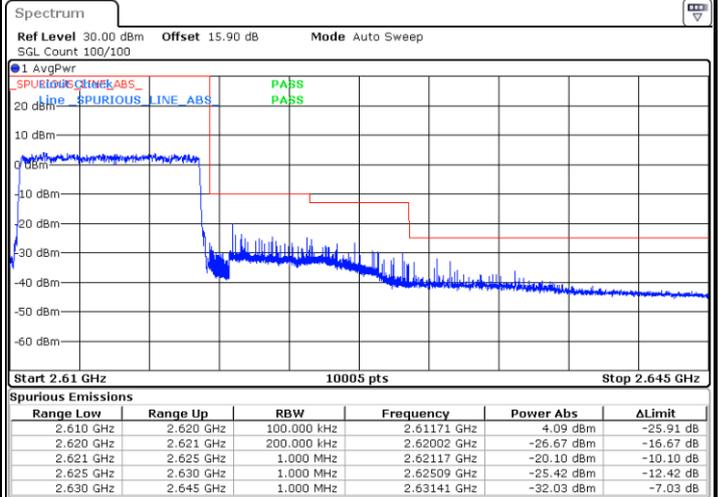
Date: 4 JAN 2020 19:42:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4 JAN 2020 19:39:54

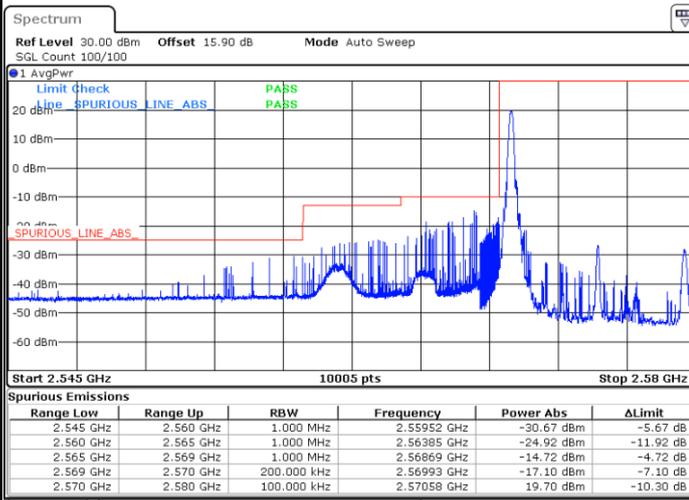


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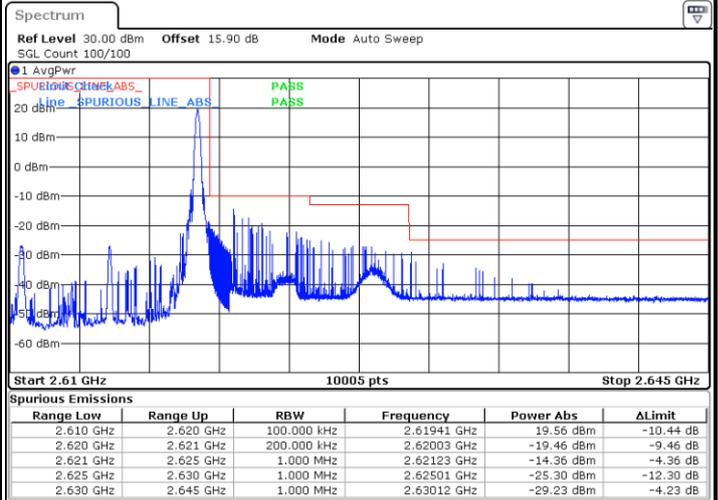
LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



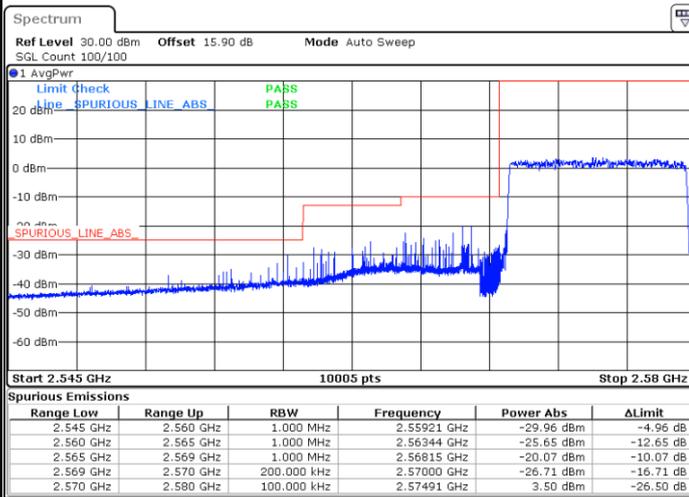
Date: 4 JAN 2020 19:39:13

Highest Band Edge / 1 RB



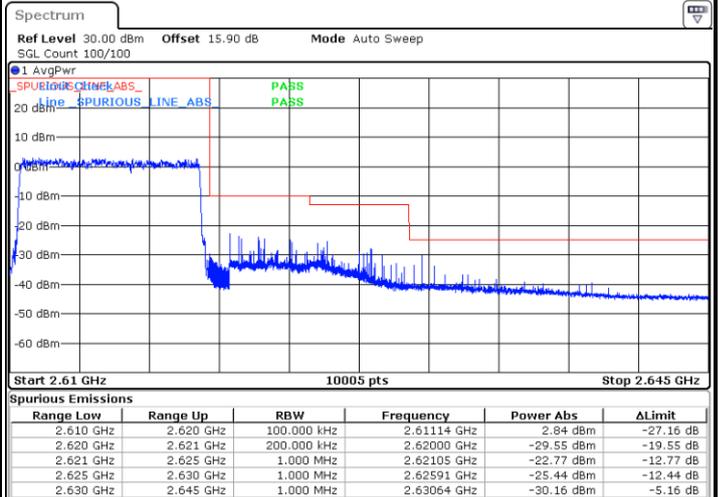
Date: 4 JAN 2020 19:43:20

Lowest Band Edge / Full RB



Date: 4 JAN 2020 19:40:35

Highest Band Edge / Full RB

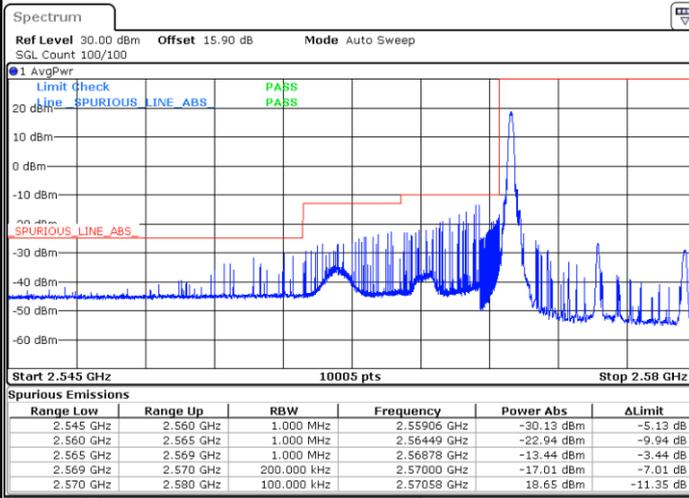


Date: 4 JAN 2020 19:41:58



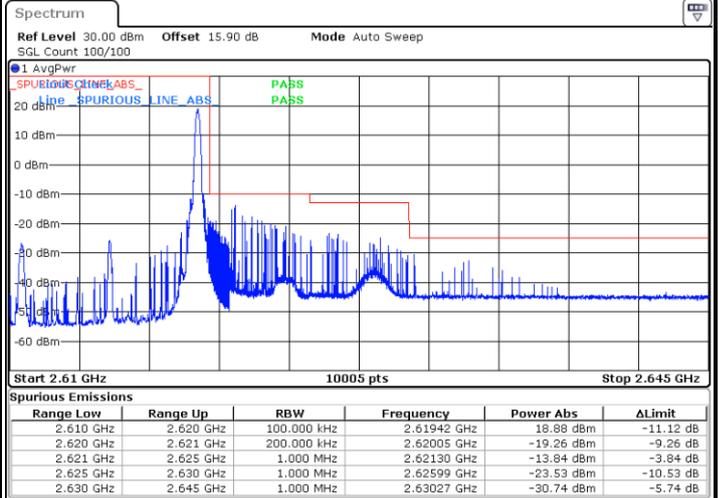
LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



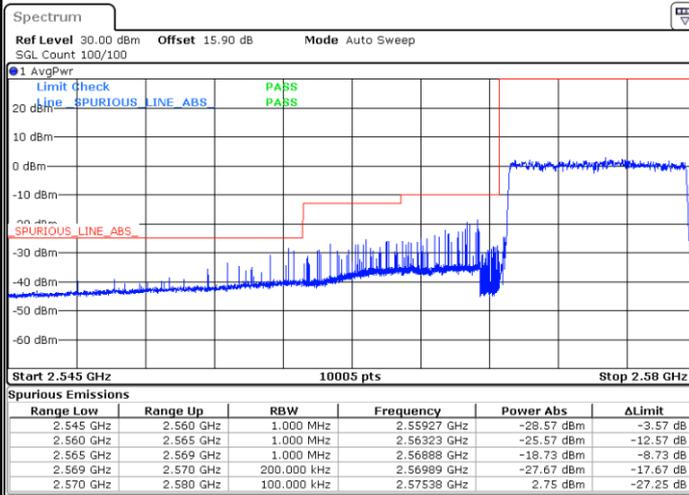
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Highest Band Edge / 1 RB



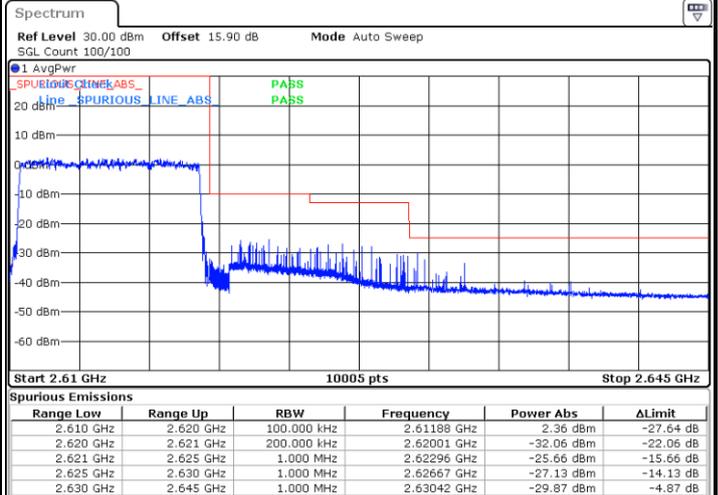
Date: 4 JAN 2020 19:37:50

Lowest Band Edge / Full RB



Date: 4 JAN 2020 19:36:28

Highest Band Edge / Full RB

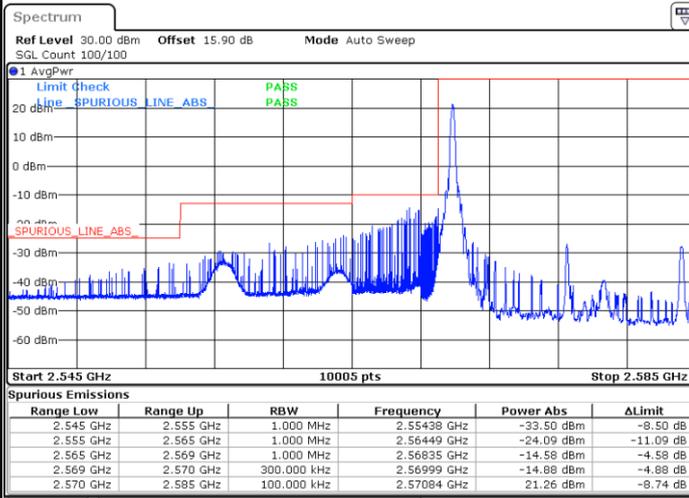


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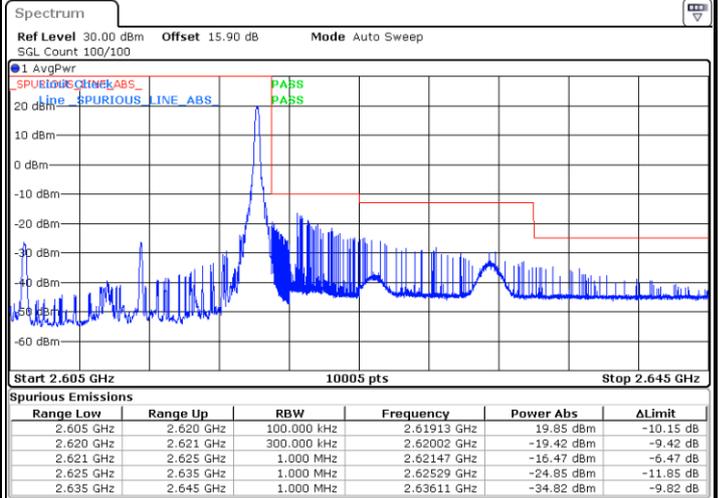
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB



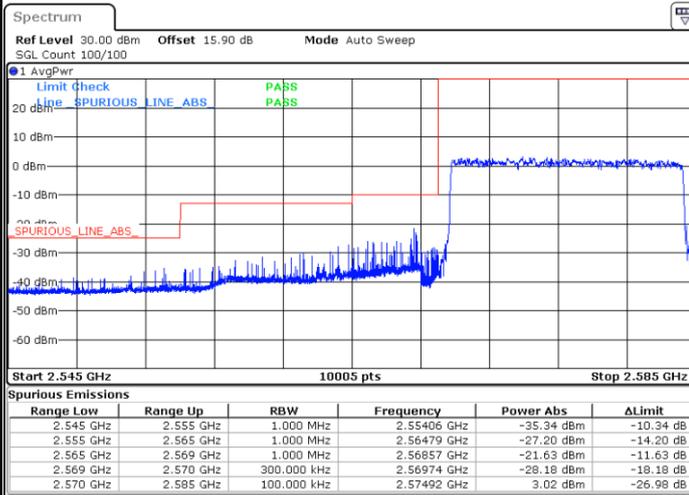
Date: 4 JAN 2020 19:44:02

Highest Band Edge / 1 RB



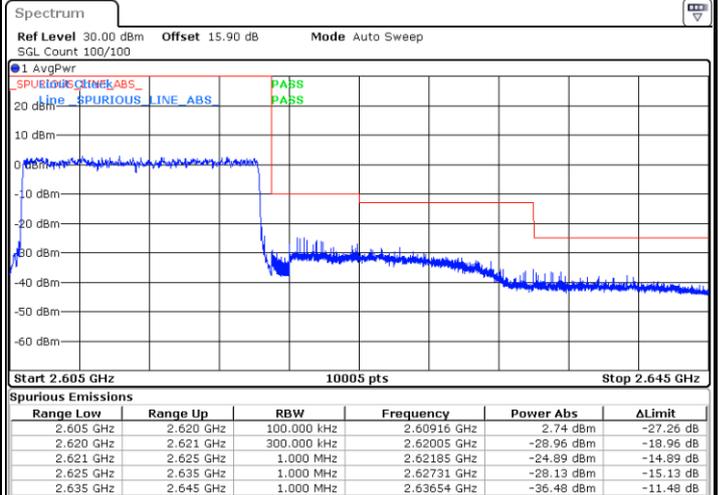
Date: 4 JAN 2020 19:48:10

Lowest Band Edge / Full RB



Date: 4 JAN 2020 19:45:25

Highest Band Edge / Full RB

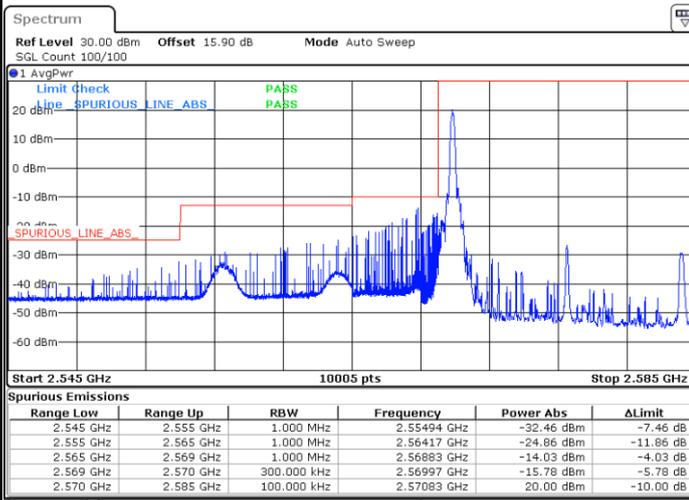


Date: 4 JAN 2020 19:46:48



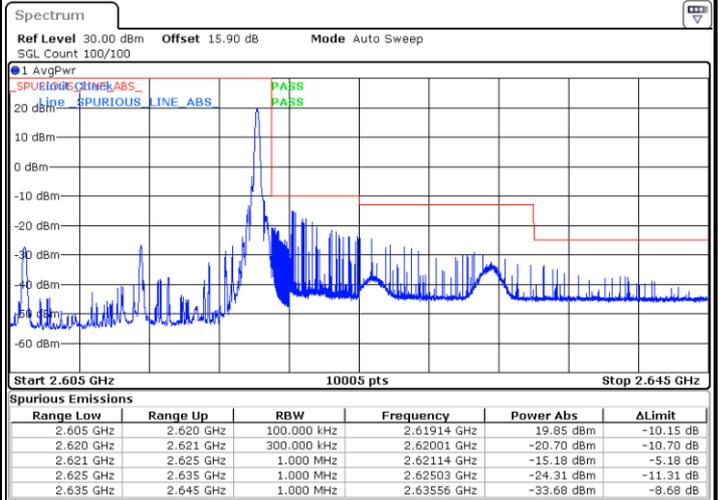
LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



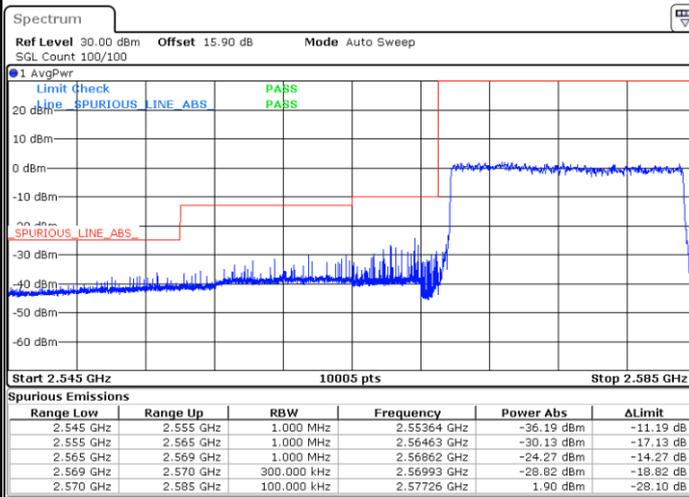
Date: 4. JAN 2020 19:44:44

Highest Band Edge / 1 RB



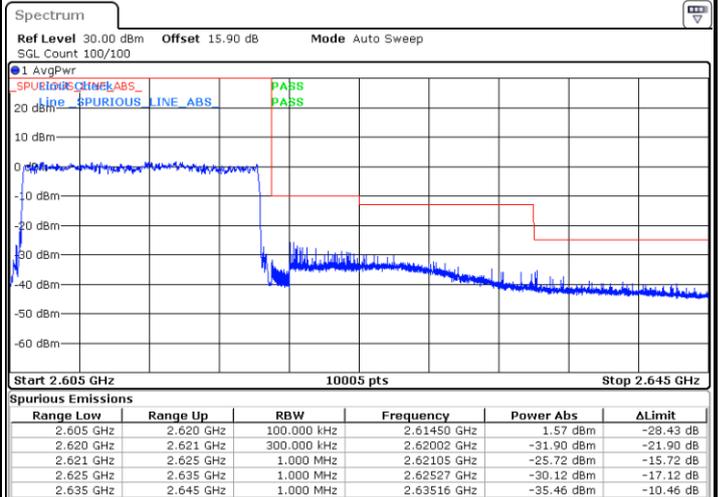
Date: 4. JAN 2020 19:48:52

Lowest Band Edge / Full RB



Date: 4. JAN 2020 19:46:06

Highest Band Edge / Full RB

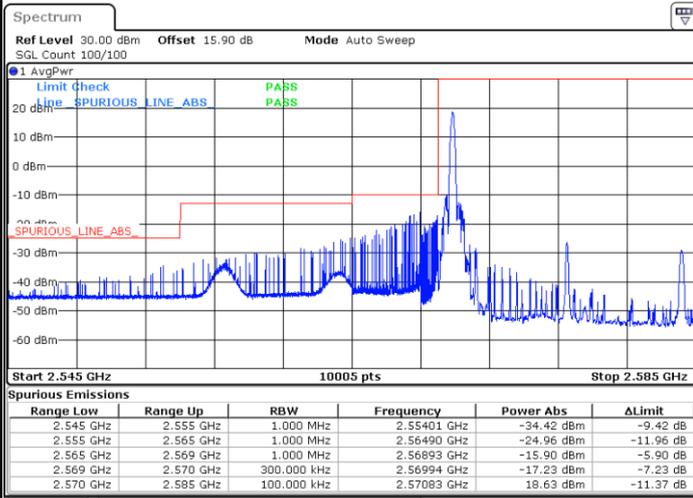


Date: 4. JAN 2020 19:47:29



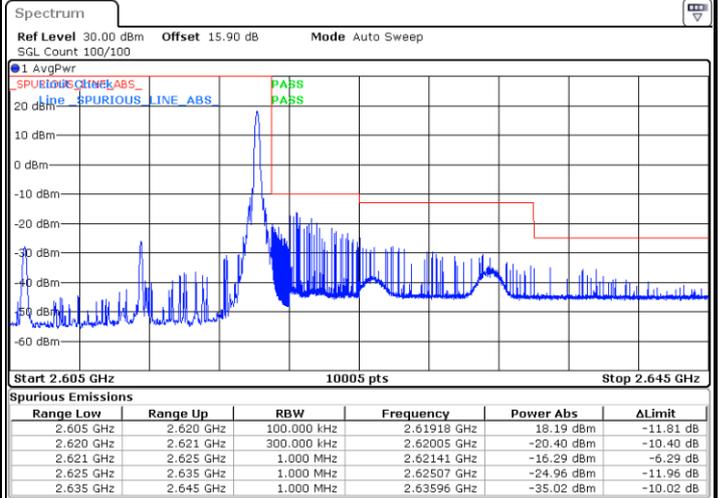
LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



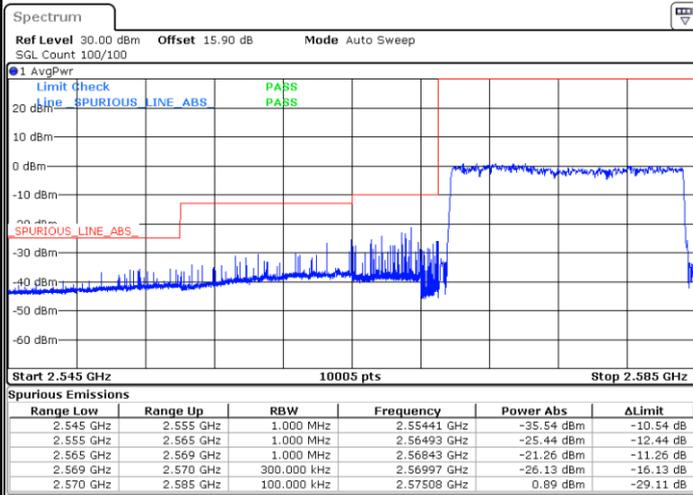
Date: 4 JAN 2020 19:49:33

Highest Band Edge / 1 RB



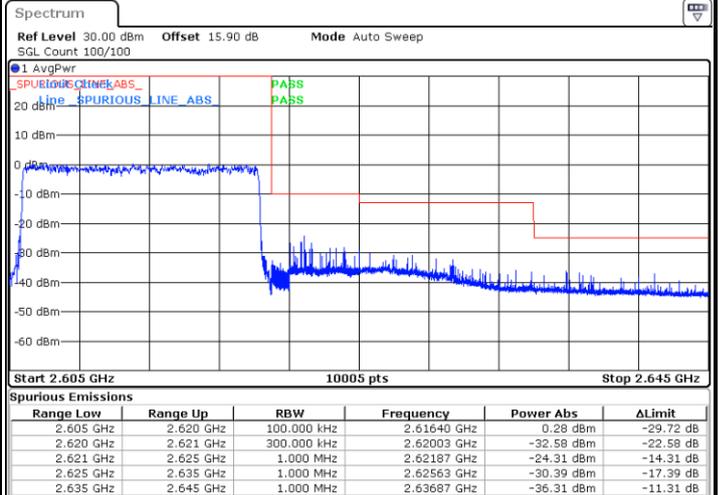
Date: 4 JAN 2020 19:51:37

Lowest Band Edge / Full RB



Date: 4 JAN 2020 19:50:14

Highest Band Edge / Full RB

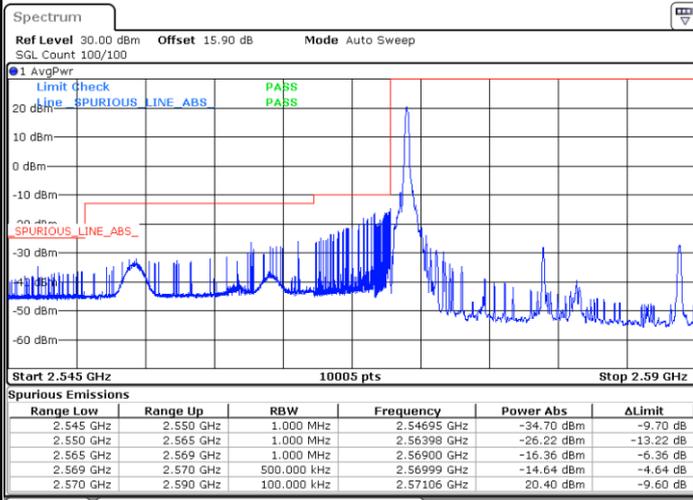


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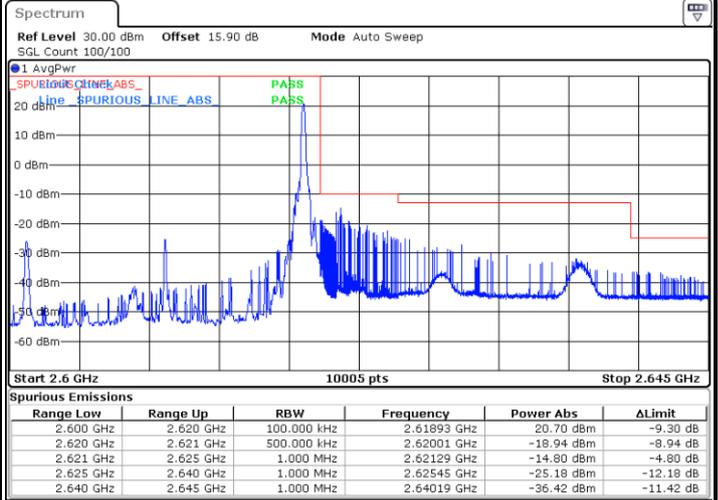
LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB



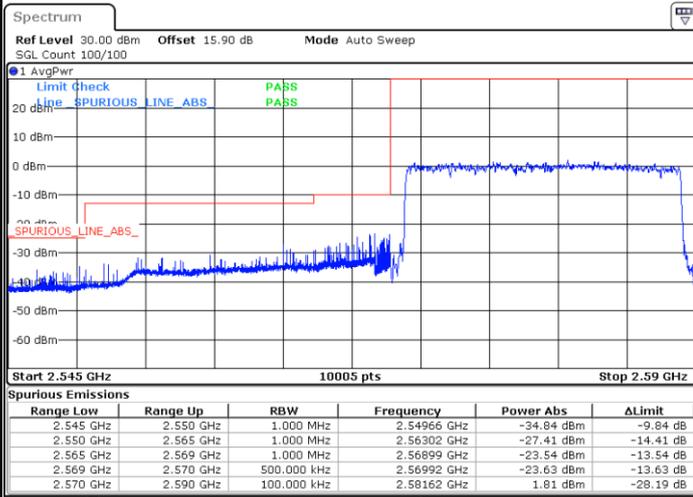
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Highest Band Edge / 1 RB



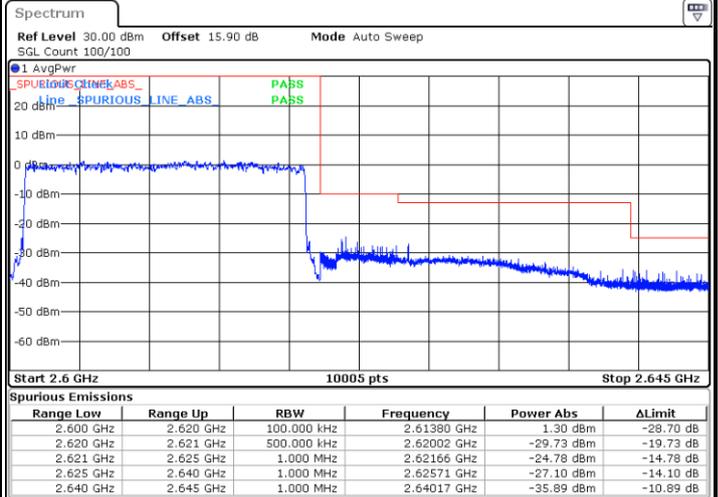
Date: 4 JAN 2020 19:56:27

Lowest Band Edge / Full RB



Date: 4 JAN 2020 19:53:41

Highest Band Edge / Full RB



Date: 4 JAN 2020 19:55:04