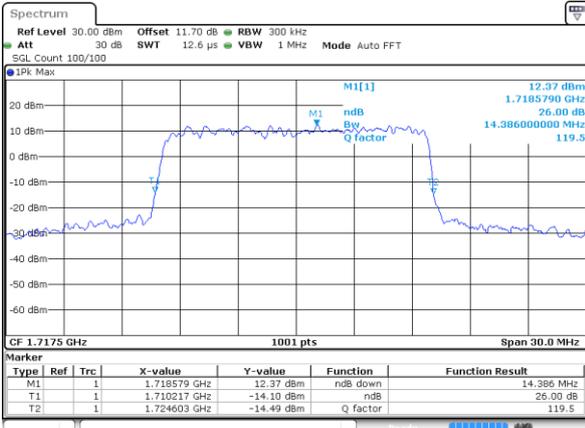




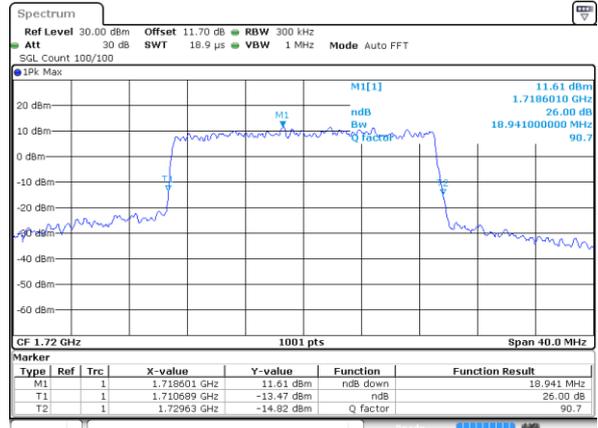
LTE Band 4

Lowest Channel / 15MHz / 64QAM



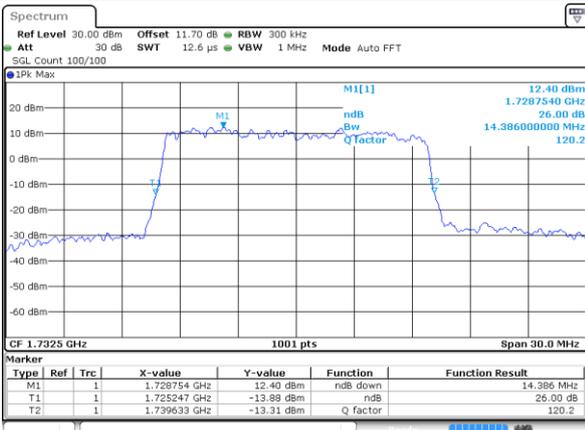
Date: 4 JAN 2020 02:17:10

Lowest Channel / 20MHz / 64QAM



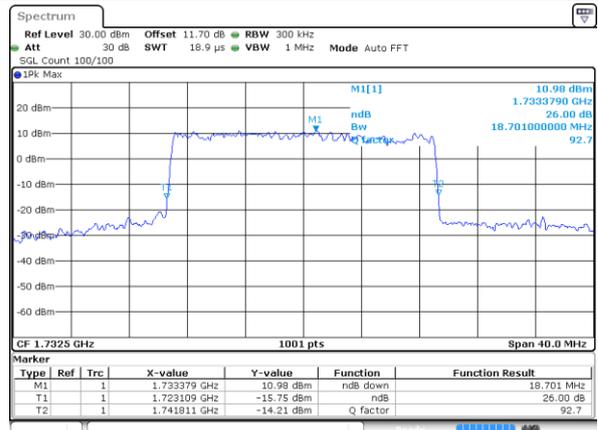
Date: 4 JAN 2020 02:23:07

Middle Channel / 15MHz / 64QAM



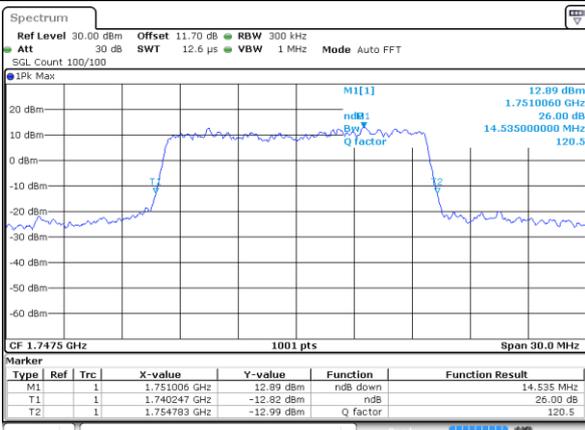
Date: 4 JAN 2020 02:19:36

Middle Channel / 20MHz / 64QAM



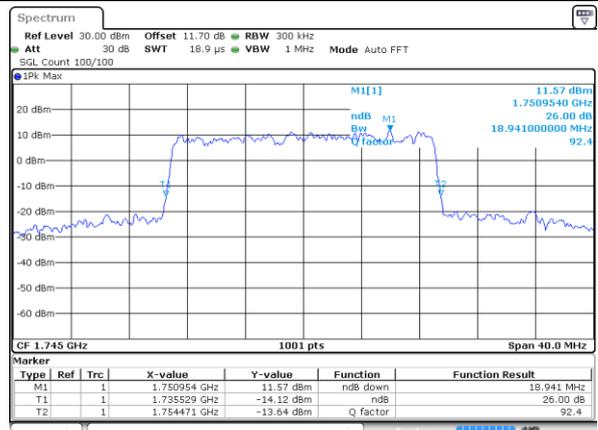
Date: 4 JAN 2020 02:25:33

Highest Channel / 15MHz / 64QAM



Date: 4 JAN 2020 02:20:40

Highest Channel / 20MHz / 64QAM



Date: 4 JAN 2020 02:26:38



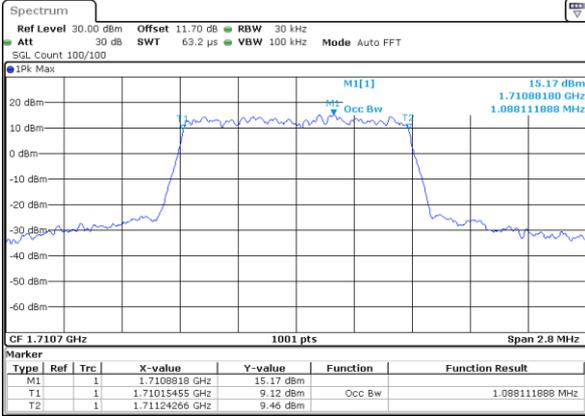
Occupied Bandwidth

Mode	LTE Band 4 : 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	1.09	1.09	2.71	2.72	4.49	4.48	8.99	8.97	13.46	13.43	17.90	17.86
Middle CH	1.09	1.10	2.73	2.72	4.49	4.50	8.97	9.01	13.43	13.43	17.86	17.94
Highest CH	1.09	1.10	2.72	2.72	4.49	4.51	9.03	9.03	13.40	13.49	17.98	17.98
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.71	-	4.49	-	8.99	-	13.46	-	17.78	-
Middle CH	1.09	-	2.73	-	4.48	-	9.03	-	13.40	-	17.86	-
Highest CH	1.09	-	2.72	-	4.50	-	9.05	-	13.46	-	17.90	-



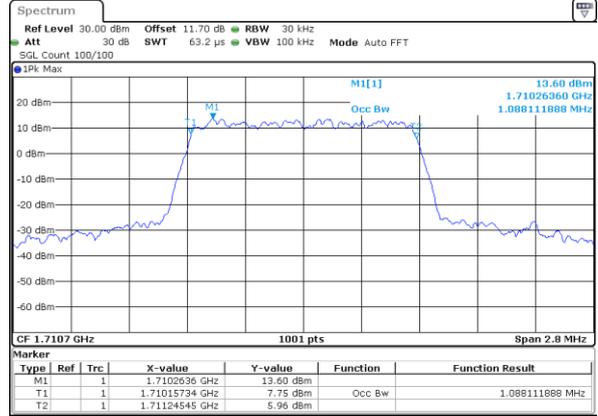
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



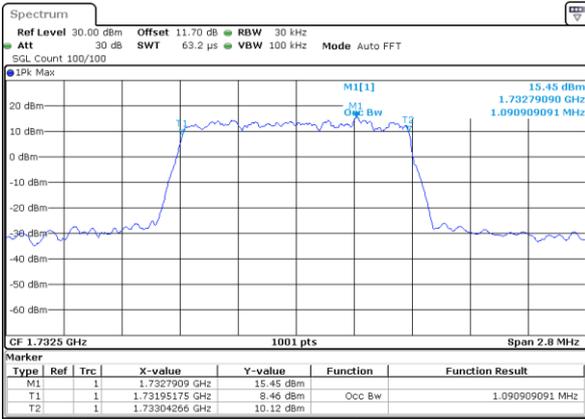
Date: 4 JAN 2020 02:39:40

Lowest Channel / 1.4MHz / 16QAM



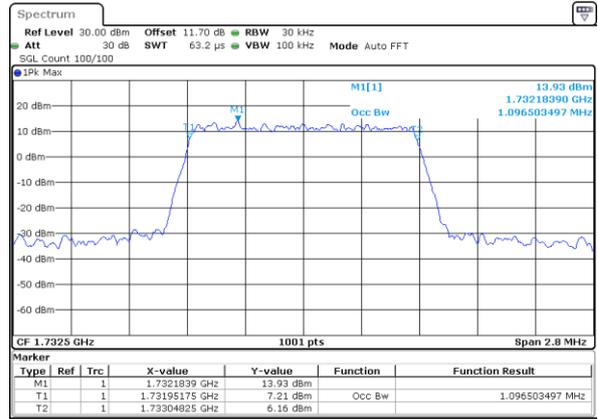
Date: 4 JAN 2020 02:39:52

Middle Channel / 1.4MHz / QPSK



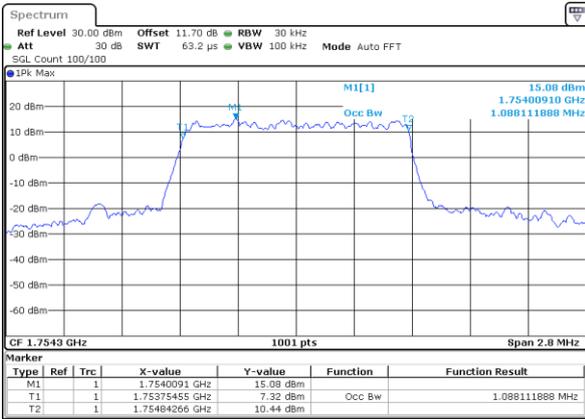
Date: 4 JAN 2020 02:46:14

Middle Channel / 1.4MHz / 16QAM



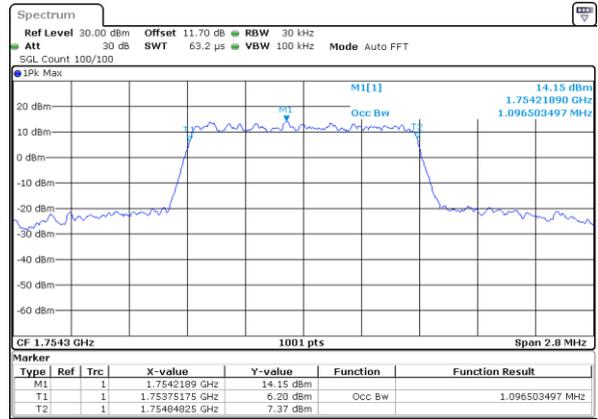
Date: 4 JAN 2020 02:46:26

Highest Channel / 1.4MHz / QPSK



Date: 4 JAN 2020 02:48:22

Highest Channel / 1.4MHz / 16QAM

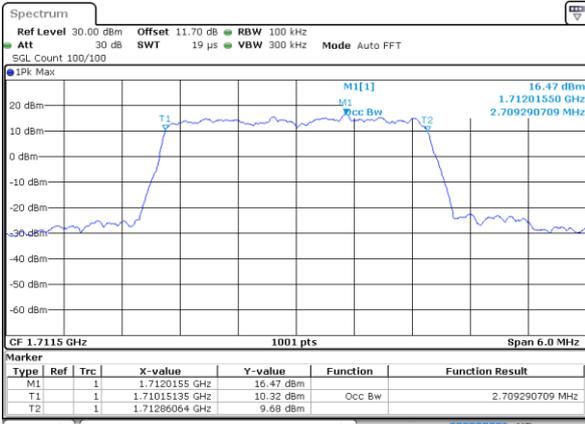


Date: 4 JAN 2020 02:48:35



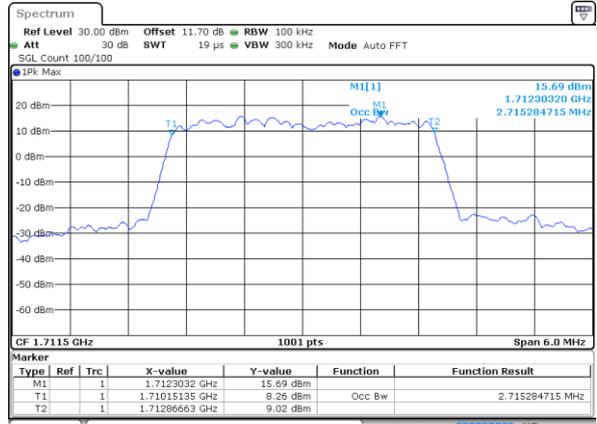
LTE Band 4

Lowest Channel / 3MHz / QPSK



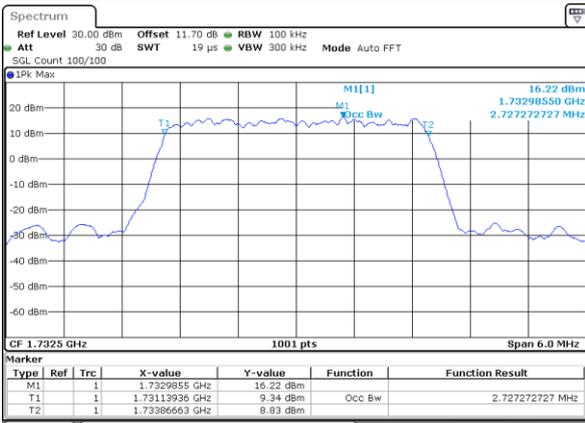
Date: 4 JAN 2020 00:55:32

Lowest Channel / 3MHz / 16QAM



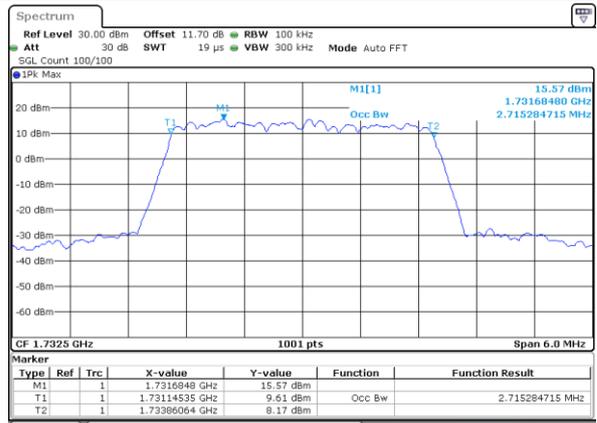
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Middle Channel / 3MHz / QPSK



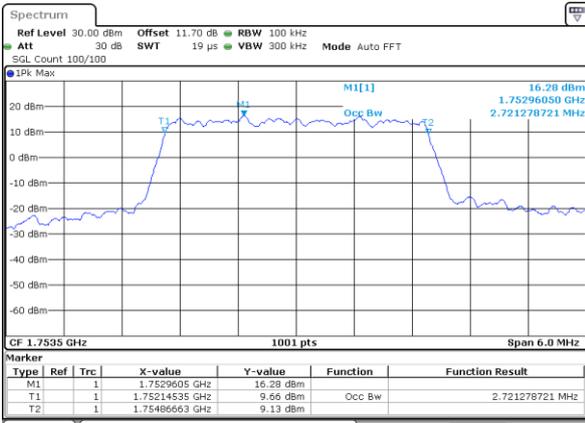
Date: 4 JAN 2020 01:00:27

Middle Channel / 3MHz / 16QAM



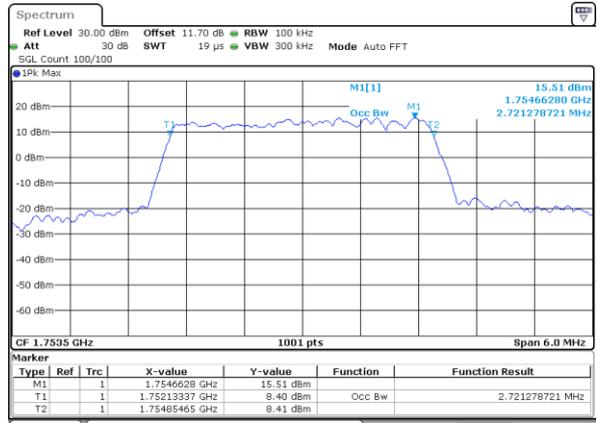
Date: 4 JAN 2020 01:00:38

Highest Channel / 3MHz / QPSK



Date: 4 JAN 2020 01:02:35

Highest Channel / 3MHz / 16QAM

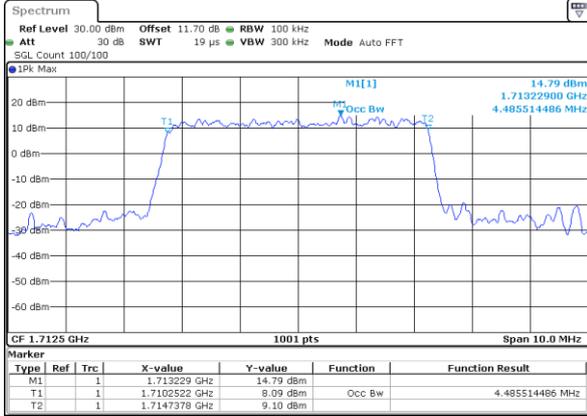


Date: 4 JAN 2020 01:02:47



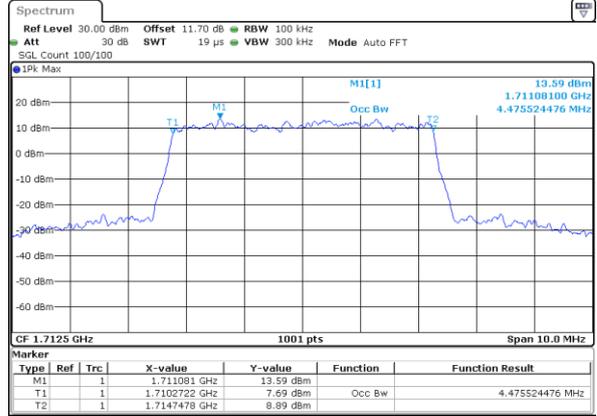
LTE Band 4

Lowest Channel / 5MHz / QPSK



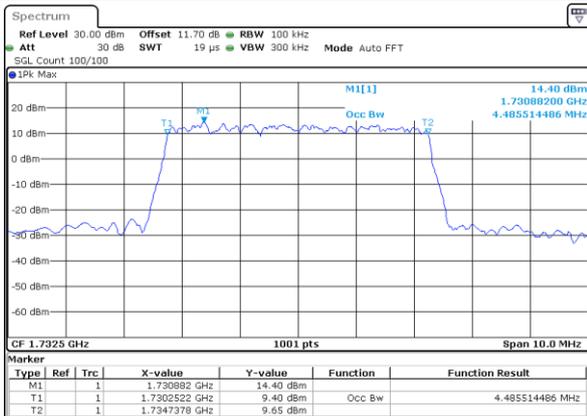
Date: 4 JAN 2020 01:07:30

Lowest Channel / 5MHz / 16QAM



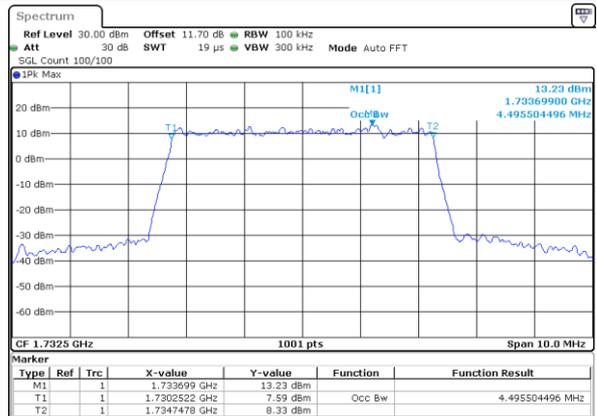
Date: 4 JAN 2020 01:07:42

Middle Channel / 5MHz / QPSK



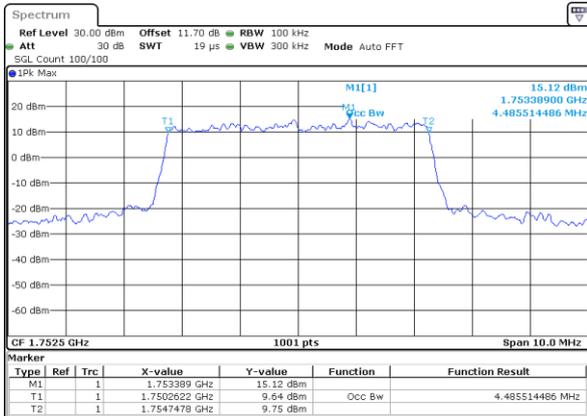
Date: 4 JAN 2020 01:12:24

Middle Channel / 5MHz / 16QAM



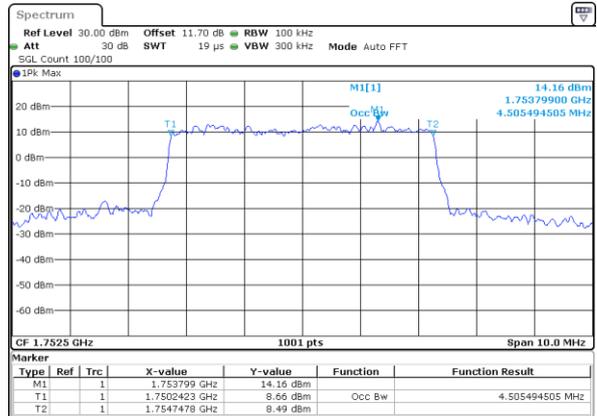
Date: 4 JAN 2020 01:12:36

Highest Channel / 5MHz / QPSK



Date: 4 JAN 2020 01:14:32

Highest Channel / 5MHz / 16QAM

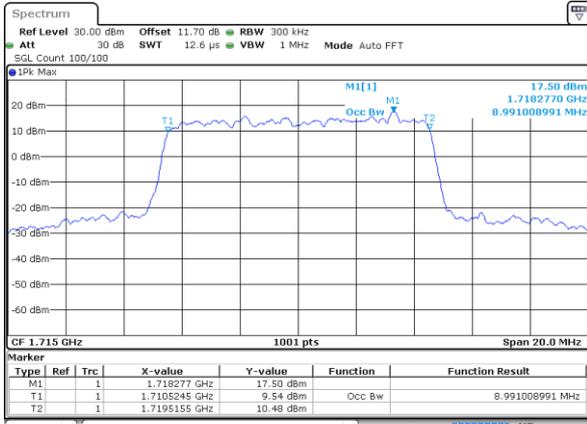


Date: 4 JAN 2020 01:14:44



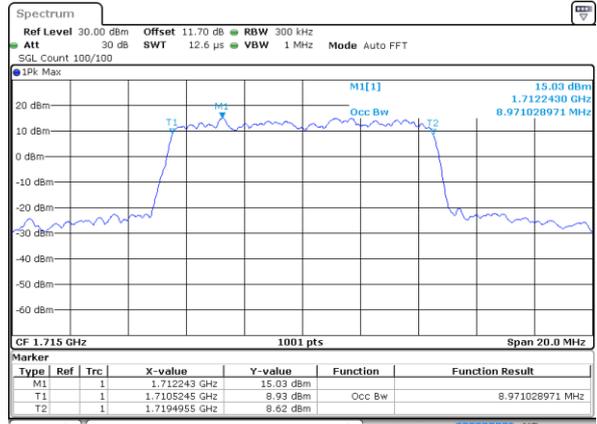
LTE Band 4

Lowest Channel / 10MHz / QPSK



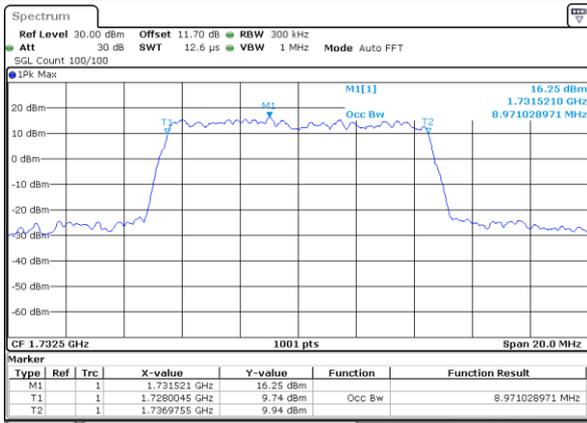
Date: 4 JAN 2020 01:19:27

Lowest Channel / 10MHz / 16QAM



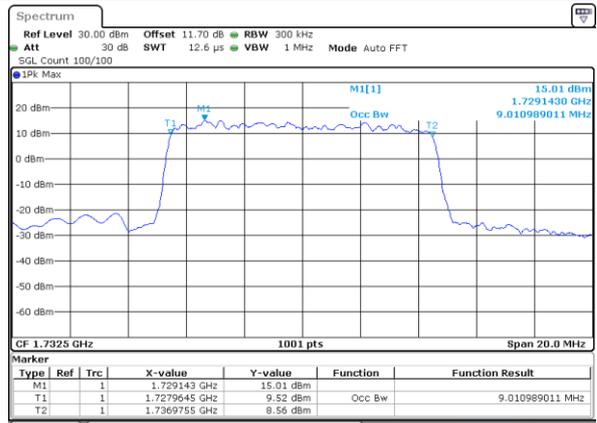
Date: 4 JAN 2020 01:19:40

Middle Channel / 10MHz / QPSK



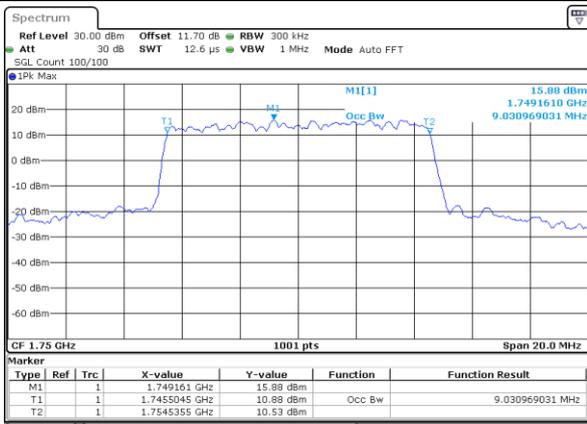
Date: 4 JAN 2020 01:24:22

Middle Channel / 10MHz / 16QAM



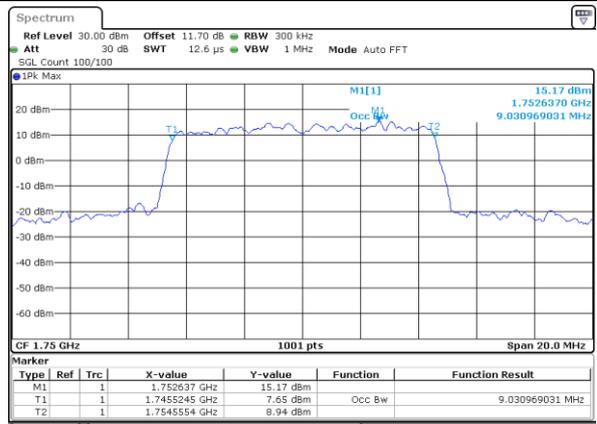
Date: 4 JAN 2020 01:24:34

Highest Channel / 10MHz / QPSK



Date: 4 JAN 2020 01:30:12

Highest Channel / 10MHz / 16QAM

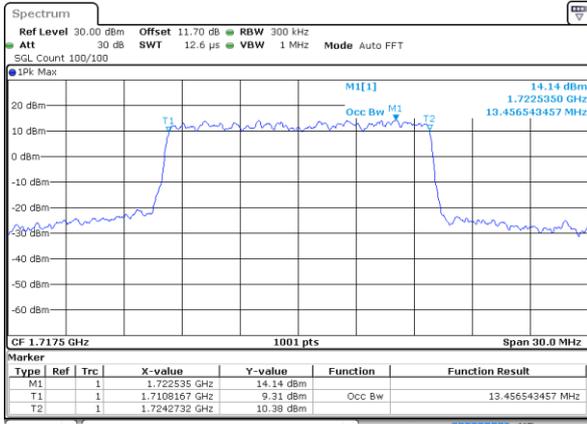


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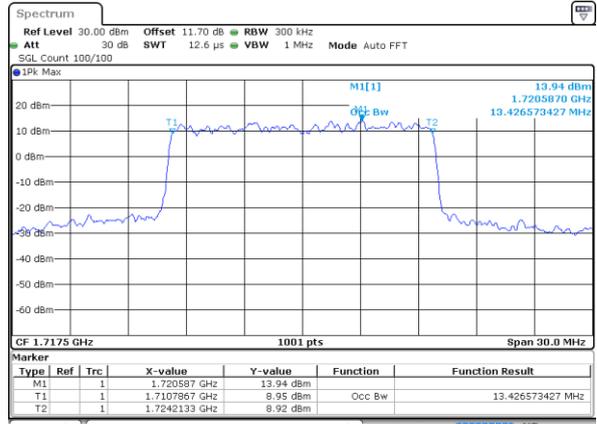
LTE Band 4

Lowest Channel / 15MHz / QPSK



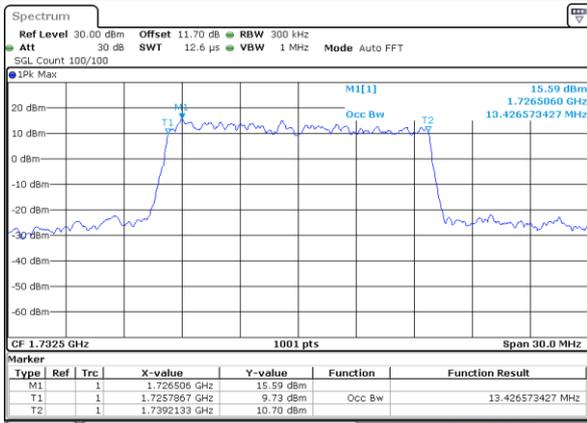
Date: 4 JAN 2020 01:35:07

Lowest Channel / 15MHz / 16QAM



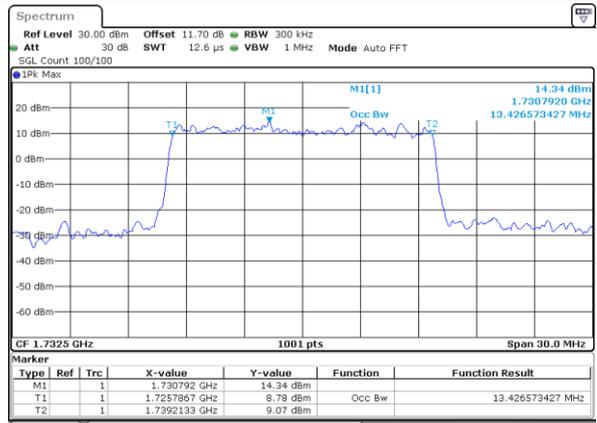
Date: 4 JAN 2020 01:35:20

Middle Channel / 15MHz / QPSK



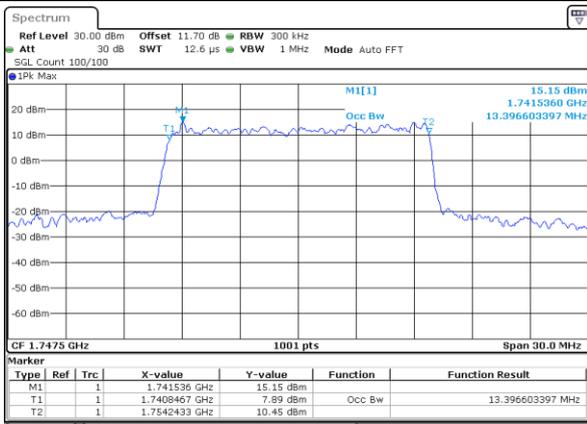
Date: 4 JAN 2020 01:40:02

Middle Channel / 15MHz / 16QAM



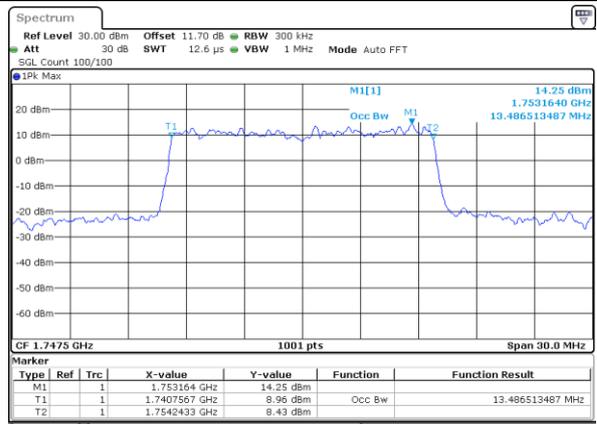
Date: 4 JAN 2020 01:40:13

Highest Channel / 15MHz / QPSK



Date: 4 JAN 2020 01:42:10

Highest Channel / 15MHz / 16QAM

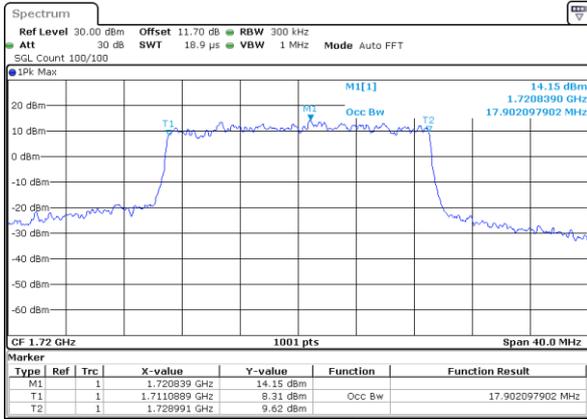


Date: 4 JAN 2020 01:42:22



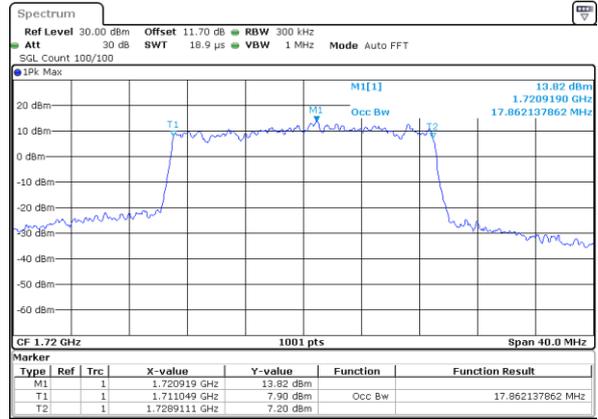
LTE Band 4

Lowest Channel / 20MHz / QPSK



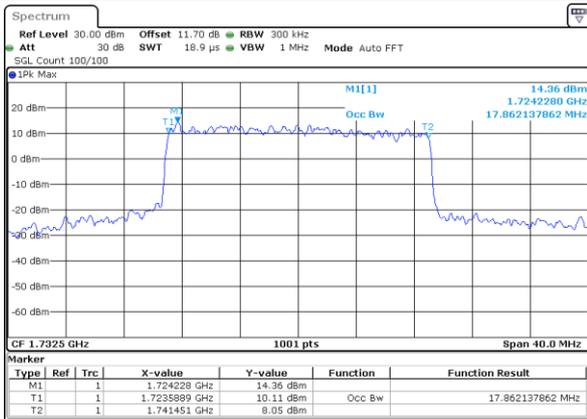
Date: 4 JAN 2020 01:47:05

Lowest Channel / 20MHz / 16QAM



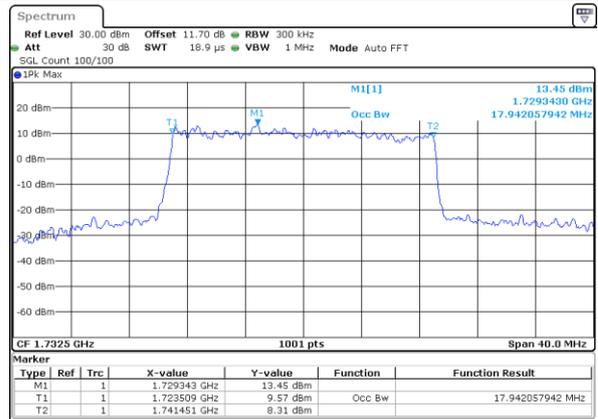
Date: 4 JAN 2020 01:47:17

Middle Channel / 20MHz / QPSK



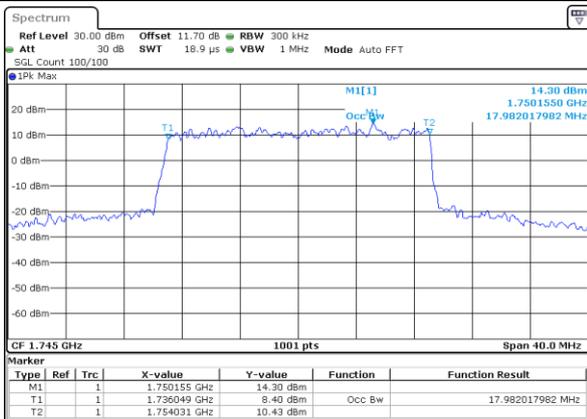
Date: 4 JAN 2020 01:51:59

Middle Channel / 20MHz / 16QAM



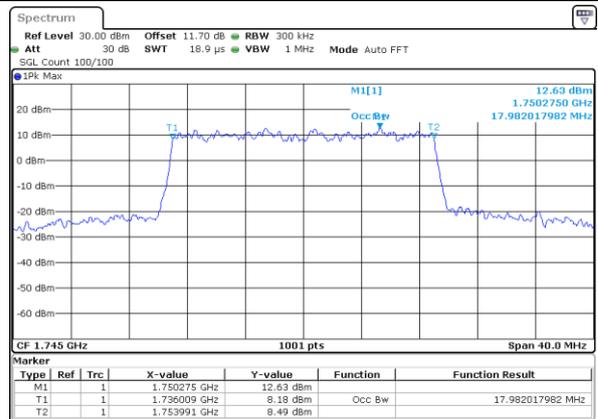
Date: 4 JAN 2020 01:52:11

Highest Channel / 20MHz / QPSK



Date: 4 JAN 2020 01:54:07

Highest Channel / 20MHz / 16QAM

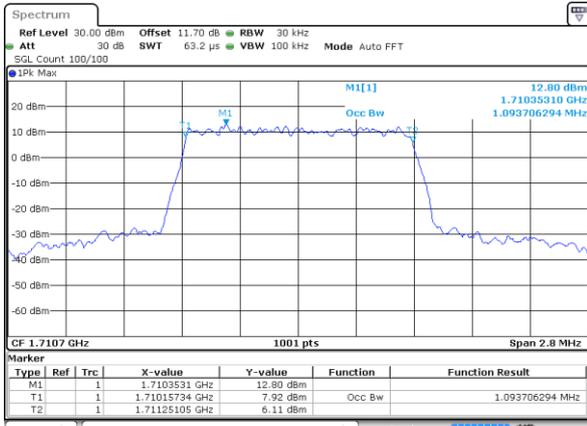


Date: 4 JAN 2020 01:54:19



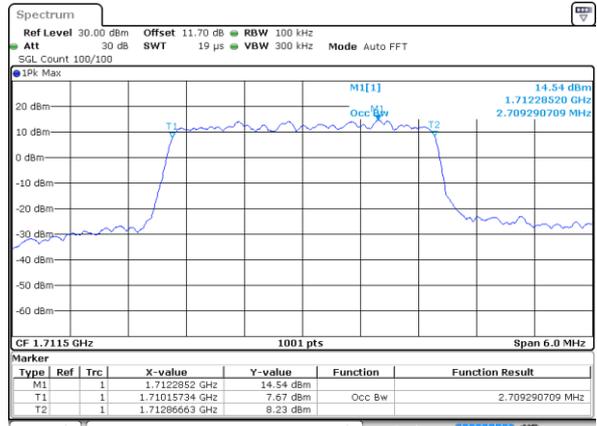
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



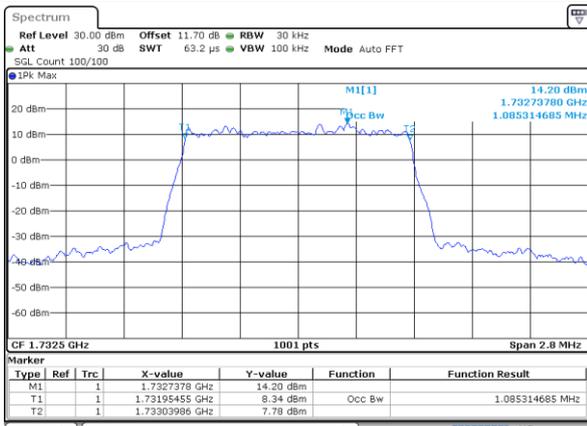
Date: 4 JAN 2020 02:32:02

Lowest Channel / 3MHz / 64QAM



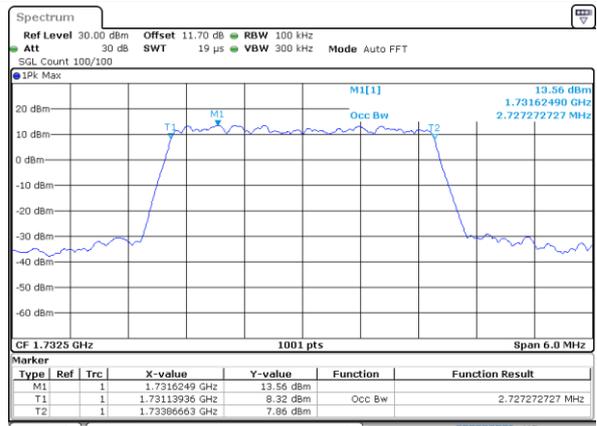
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Middle Channel / 1.4MHz / 64QAM



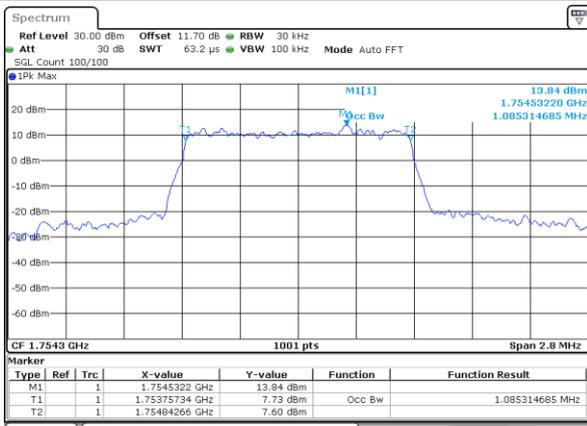
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Middle Channel / 3MHz / 64QAM



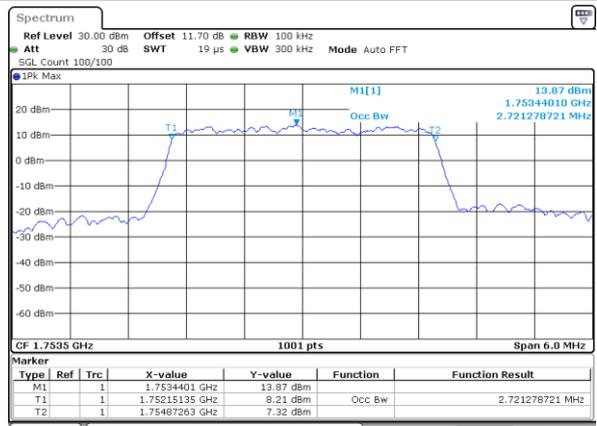
Date: 4 JAN 2020 02:01:29

Highest Channel / 1.4MHz / 64QAM



Date: 4 JAN 2020 02:36:22

Highest Channel / 3MHz / 64QAM

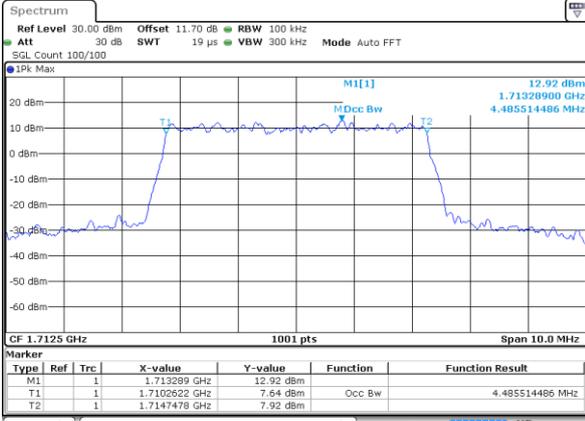


Date: 4 JAN 2020 02:02:33



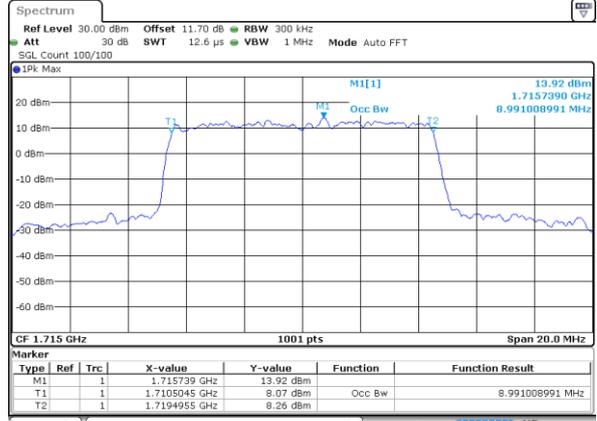
LTE Band 4

Lowest Channel / 5MHz / 64QAM



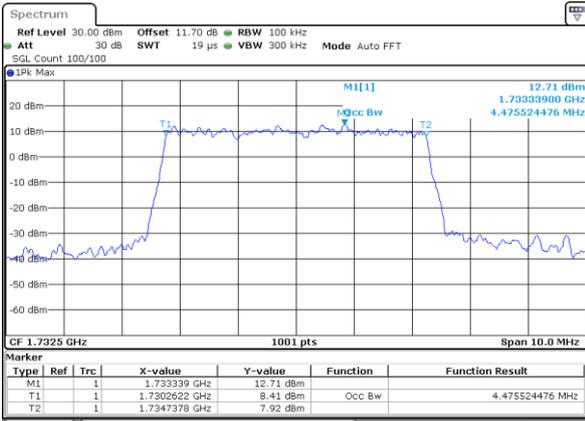
Date: 4 JAN 2020 02:05:00

Lowest Channel / 10MHz / 64QAM



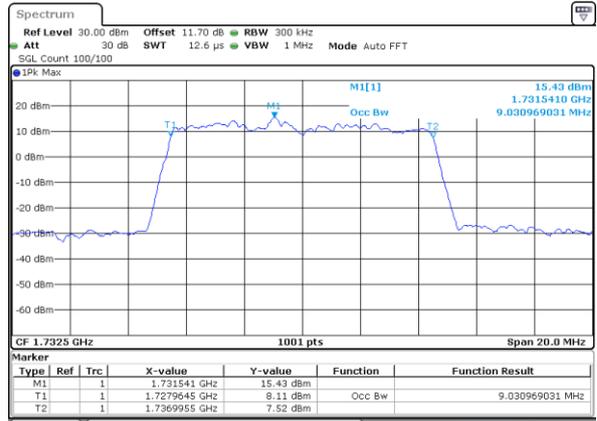
Date: 4 JAN 2020 02:10:59

Middle Channel / 5MHz / 64QAM



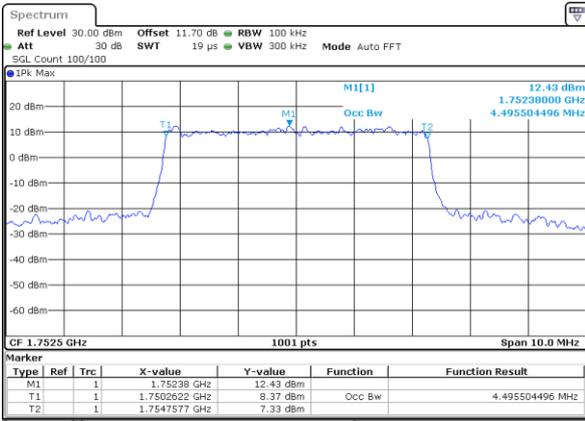
Date: 4 JAN 2020 02:07:27

Middle Channel / 10MHz / 64QAM



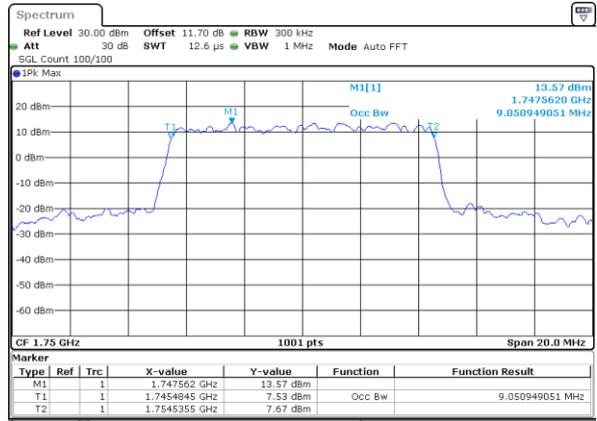
Date: 4 JAN 2020 02:13:25

Highest Channel / 5MHz / 64QAM



Date: 4 JAN 2020 02:08:31

Highest Channel / 10MHz / 64QAM

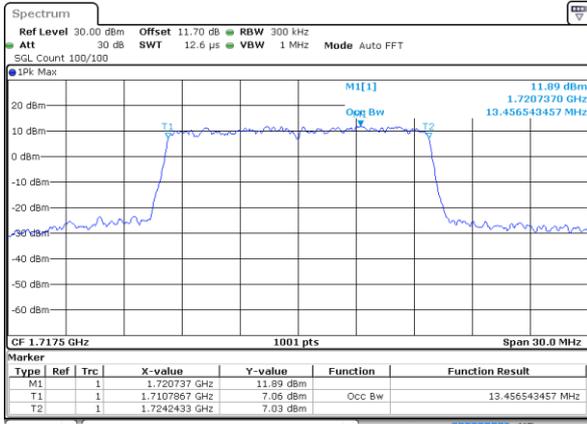


Date: 4 JAN 2020 02:14:30

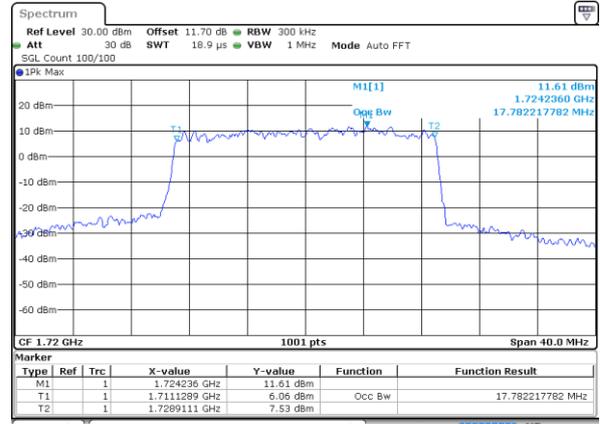


LTE Band 4

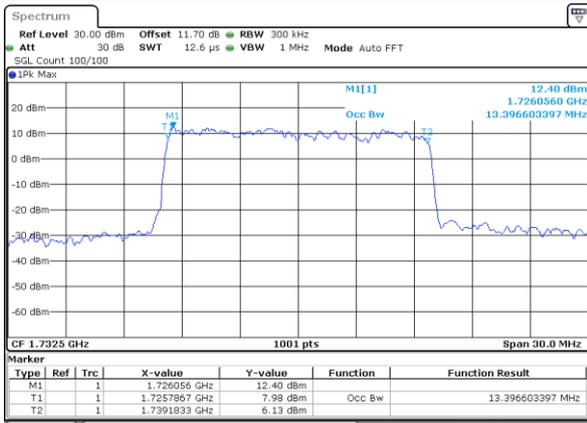
Lowest Channel / 15MHz / 64QAM



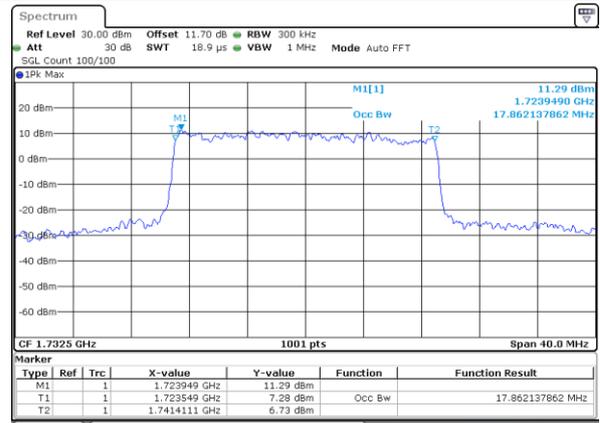
Lowest Channel / 20MHz / 64QAM



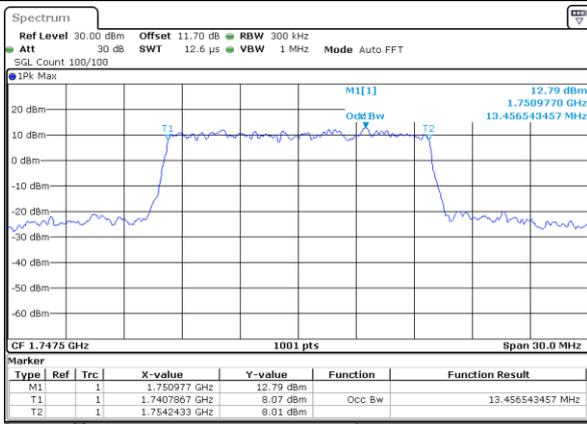
Middle Channel / 15MHz / 64QAM



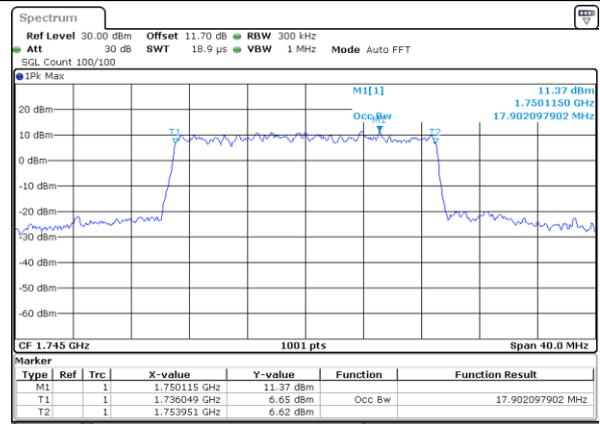
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM

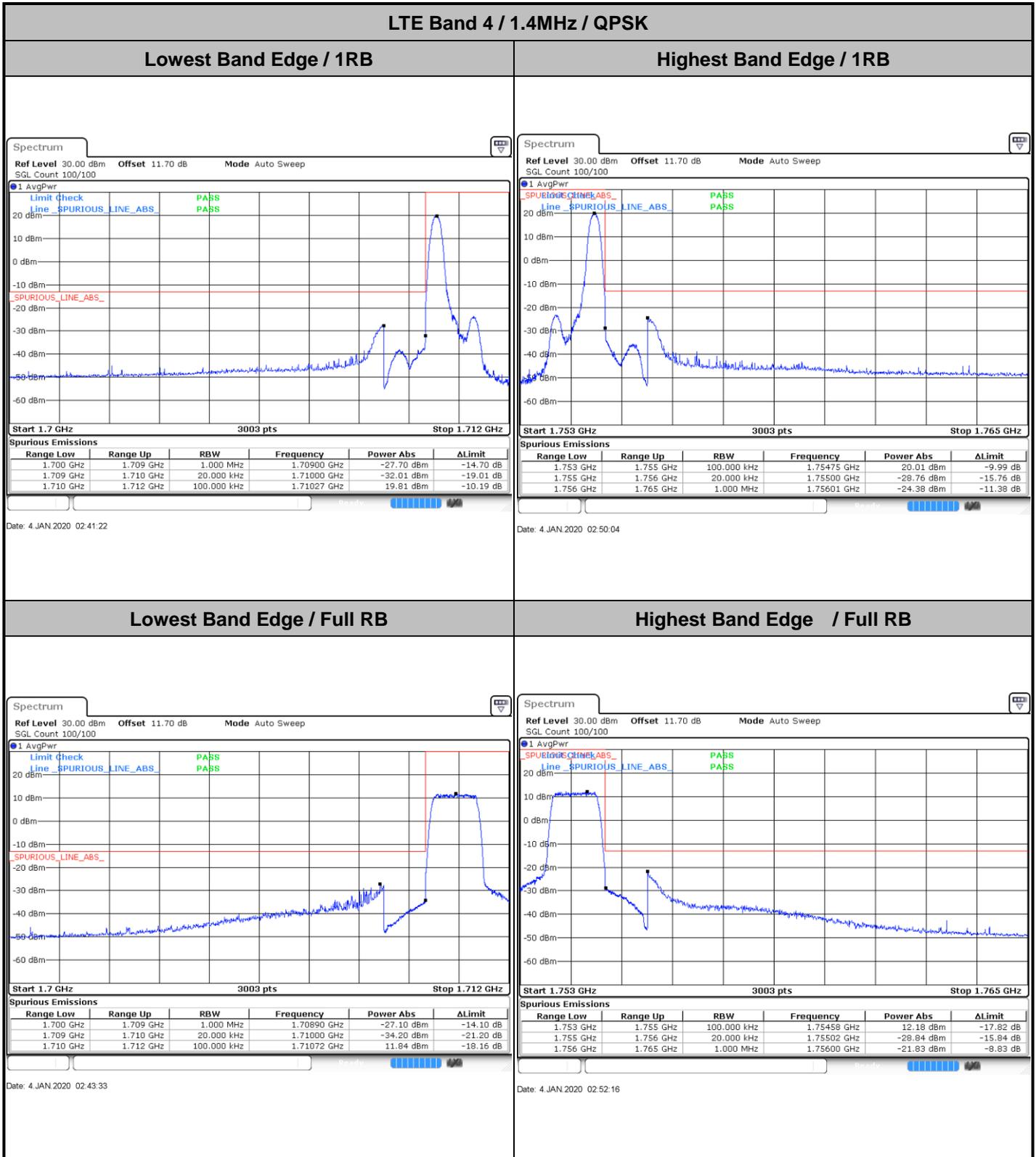


Highest Channel / 20MHz / 64QAM





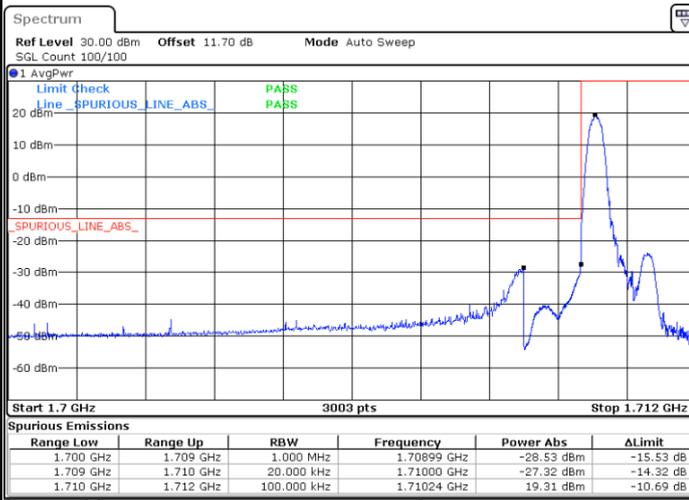
# Conducted Band Edge





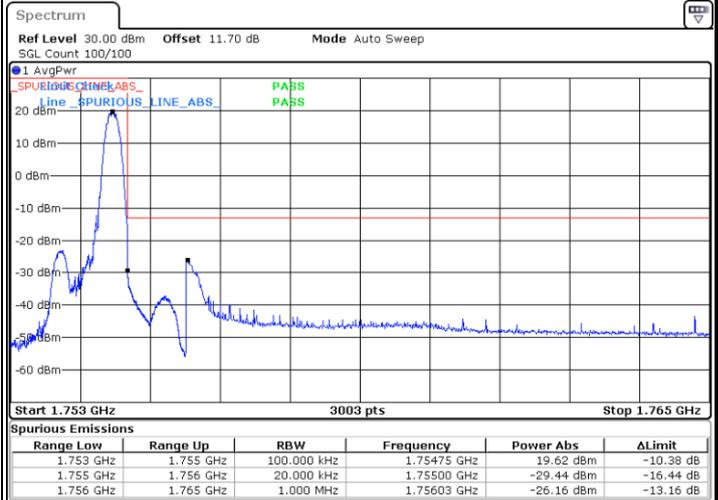
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



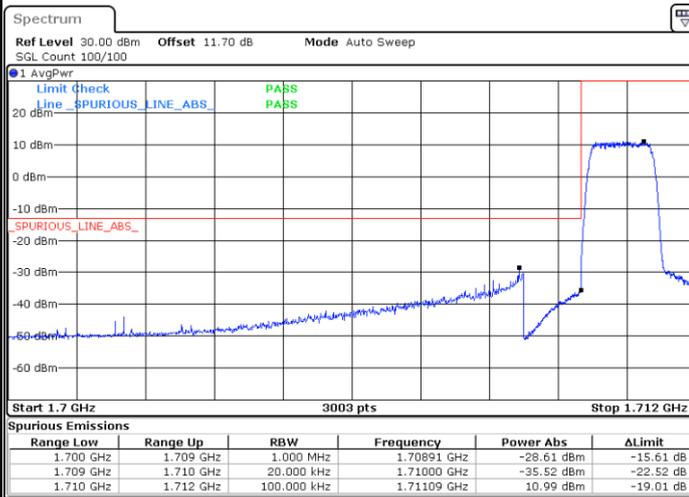
Date: 4 JAN 2020 02:42:27

Highest Band Edge / 1 RB



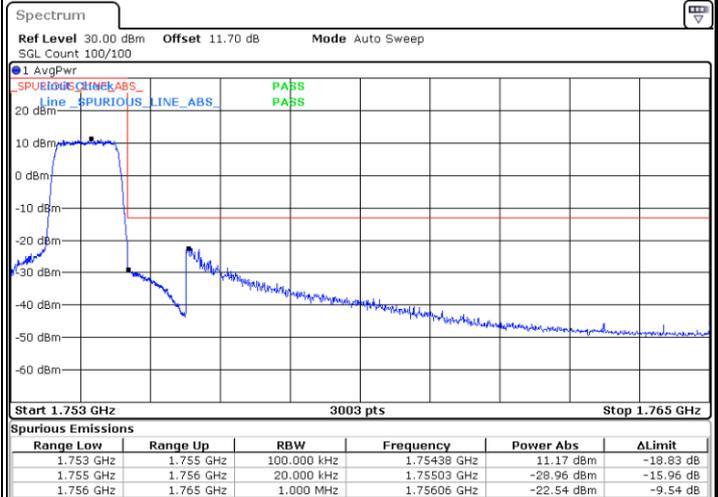
Date: 4 JAN 2020 02:51:10

Lowest Band Edge / Full RB



Date: 4 JAN 2020 02:44:39

Highest Band Edge / Full RB

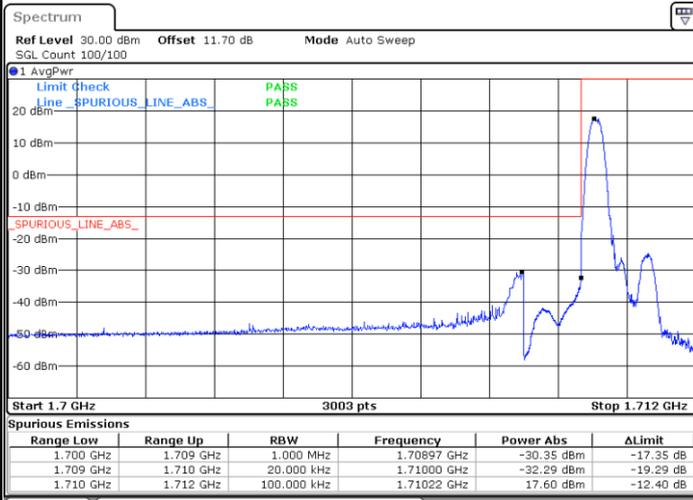


Date: 4 JAN 2020 02:53:22



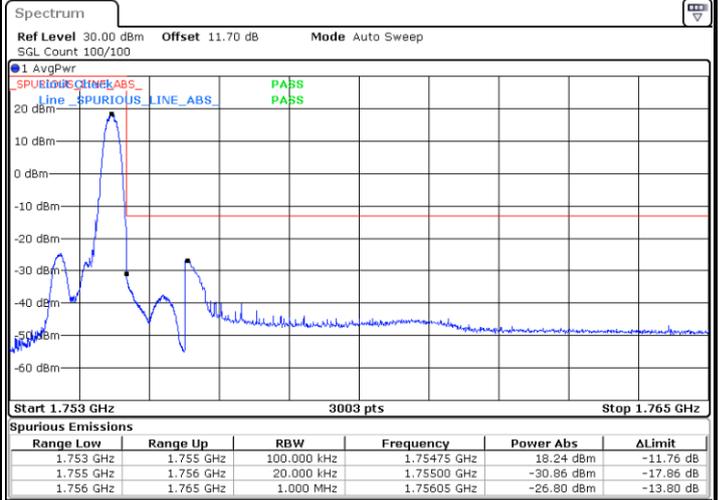
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



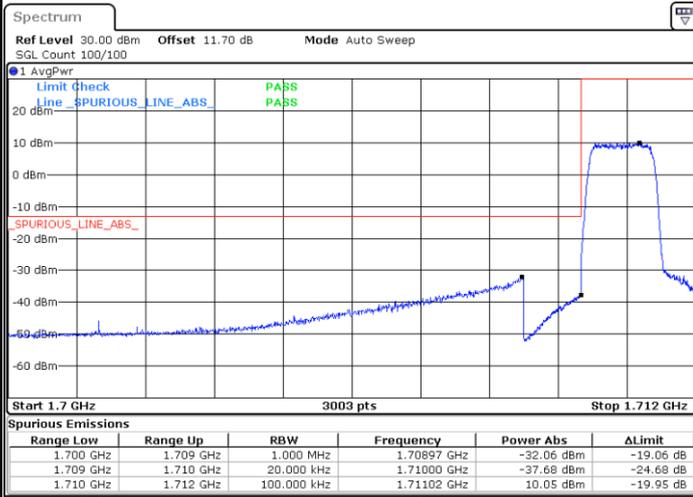
Date: 4 JAN 2020 02:33:19

Highest Band Edge / 1 RB



Date: 4 JAN 2020 02:37:40

Lowest Band Edge / Full RB



Date: 4 JAN 2020 02:34:25

Highest Band Edge / Full RB

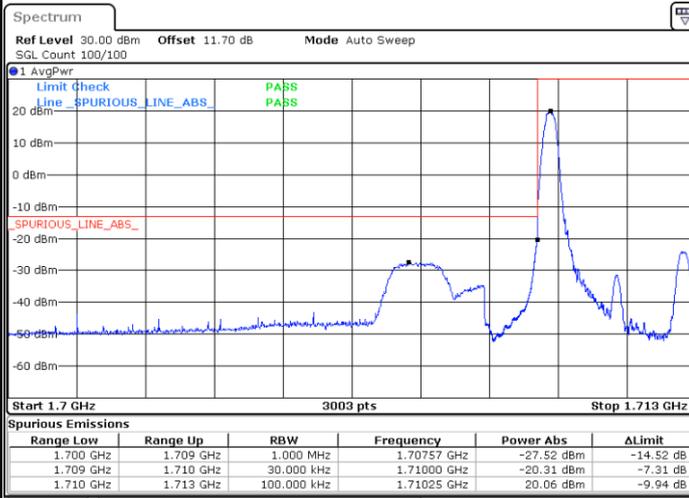


Date: 4 JAN 2020 02:38:46



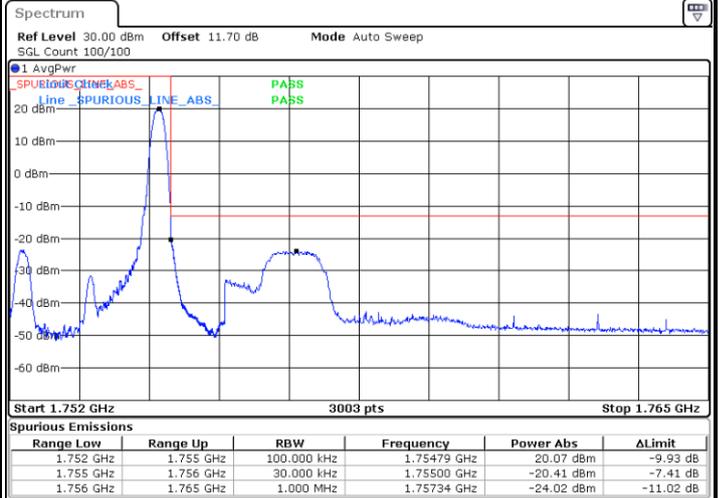
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



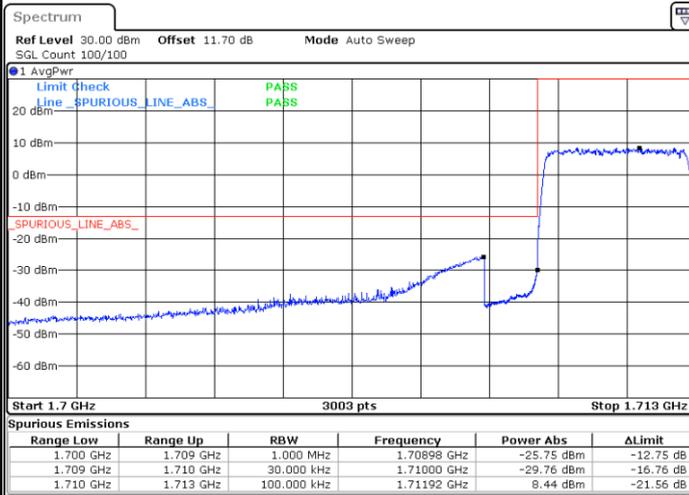
Date: 4 JAN 2020 00:56:50

Highest Band Edge / 1 RB



Date: 4 JAN 2020 01:03:52

Lowest Band Edge / Full RB



Date: 4 JAN 2020 00:58:11

Highest Band Edge / Full RB

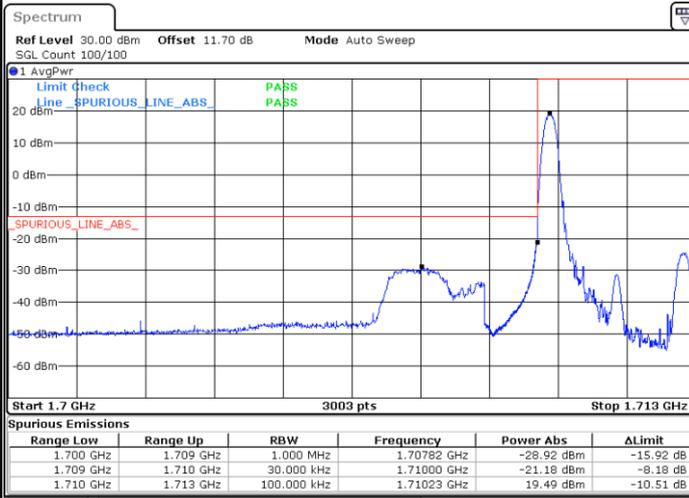


Date: 4 JAN 2020 01:05:14



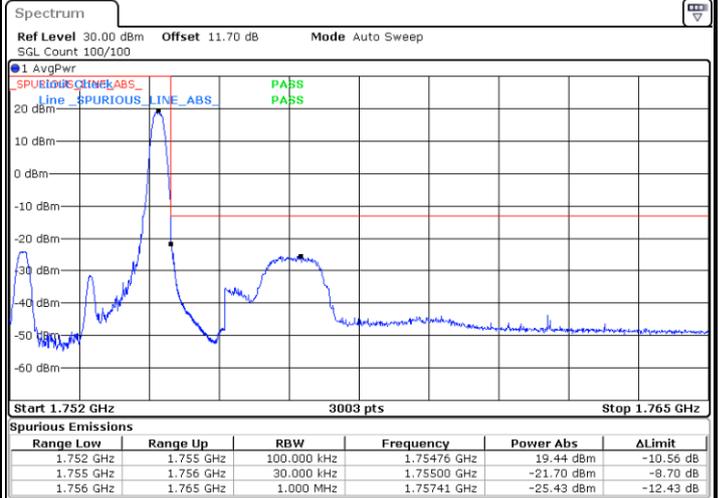
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



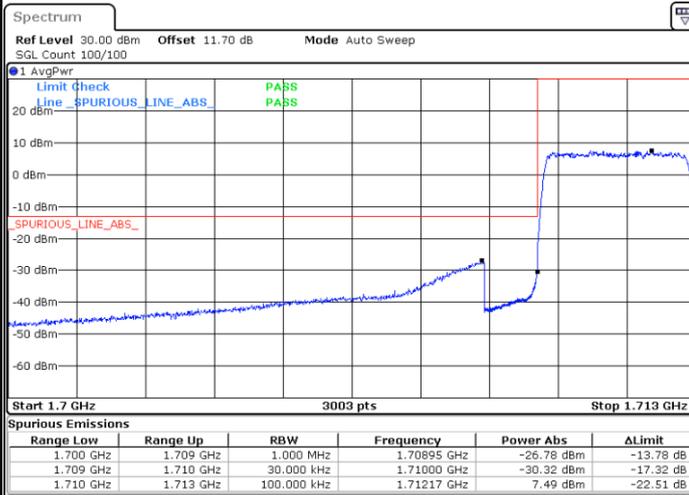
Date: 4 JAN 2020 00:57:30

Highest Band Edge / 1 RB



Date: 4 JAN 2020 01:04:33

Lowest Band Edge / Full RB

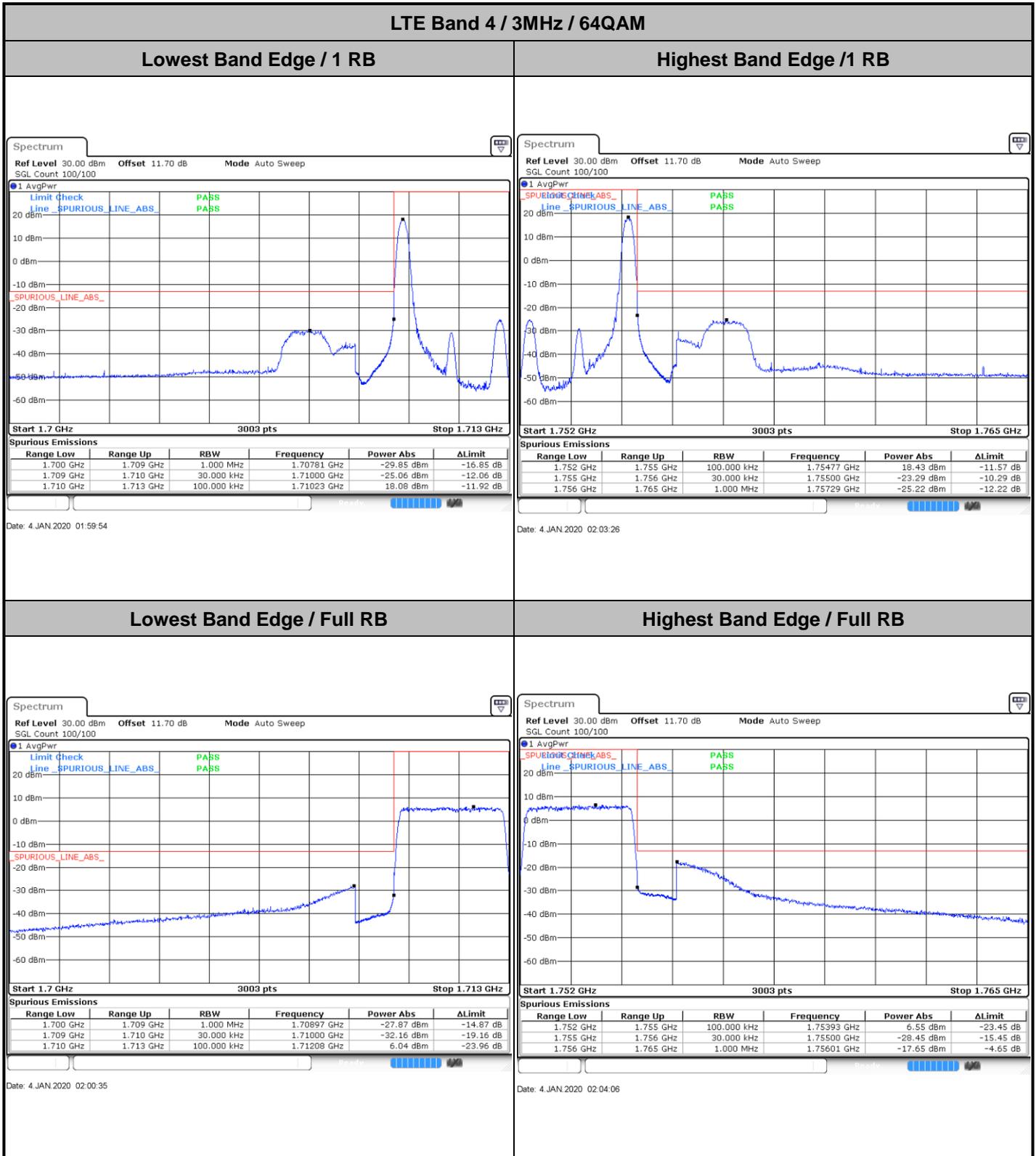


Date: 4 JAN 2020 00:58:52

Highest Band Edge / Full RB



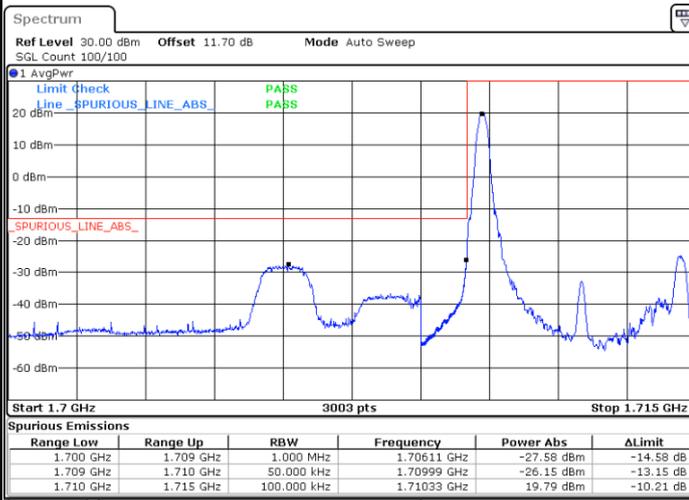
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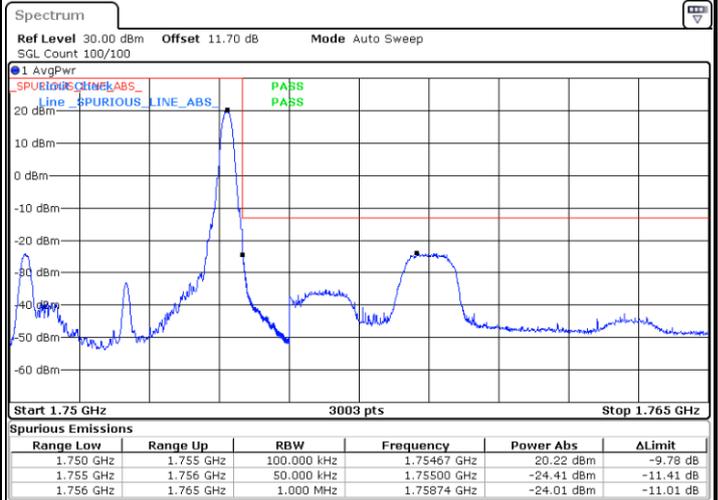
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



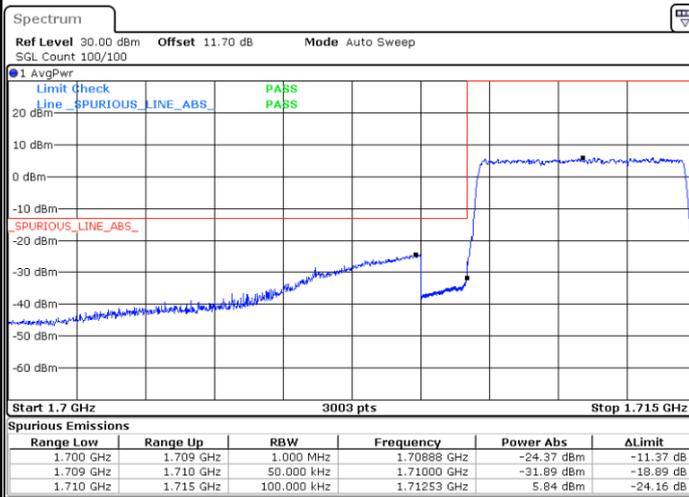
Date: 4 JAN 2020 01:08:47

Highest Band Edge / 1 RB



Date: 4 JAN 2020 01:15:50

Lowest Band Edge / Full RB



Date: 4 JAN 2020 01:10:09

Highest Band Edge / Full RB

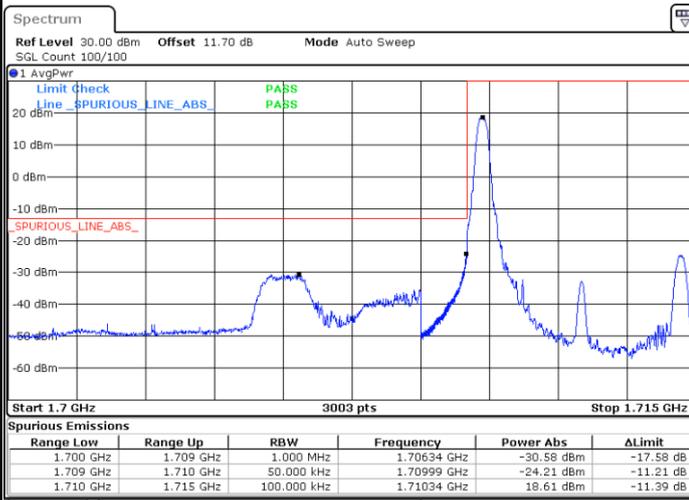


Date: 4 JAN 2020 01:17:11



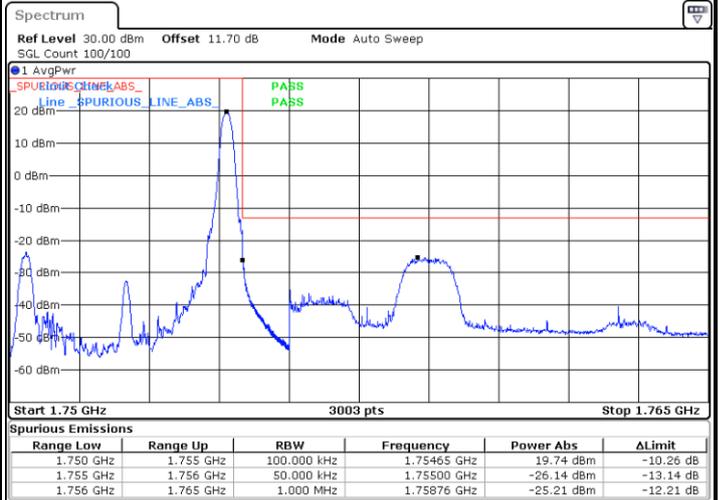
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



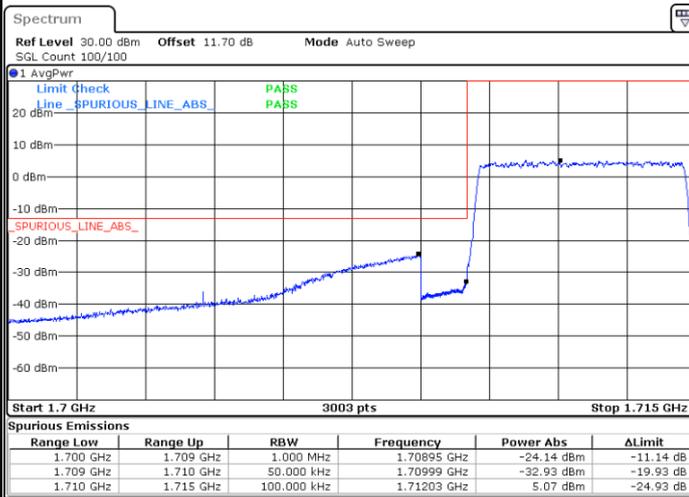
Date: 4 JAN 2020 01:09:28

Highest Band Edge / 1 RB



Date: 4 JAN 2020 01:16:31

Lowest Band Edge / Full RB



Date: 4 JAN 2020 01:10:50

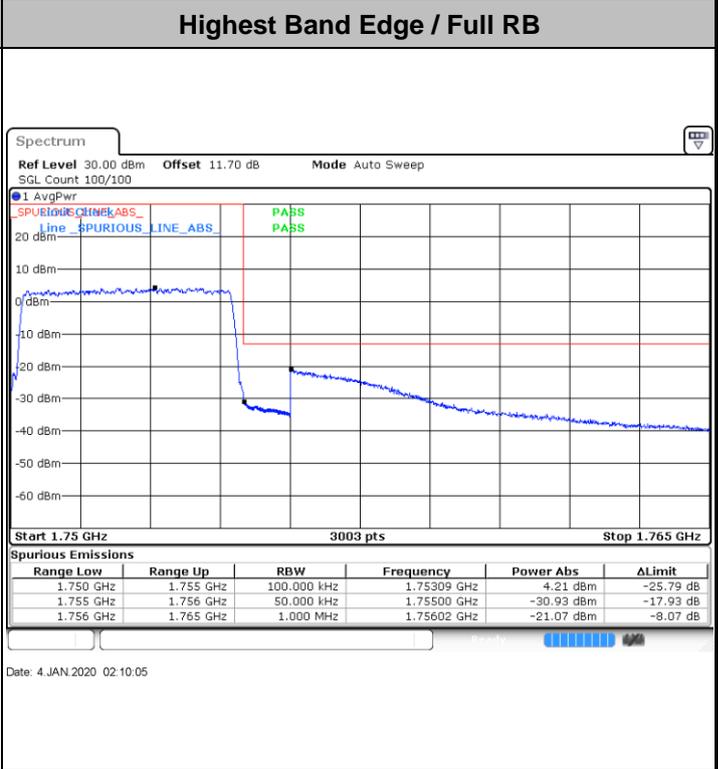
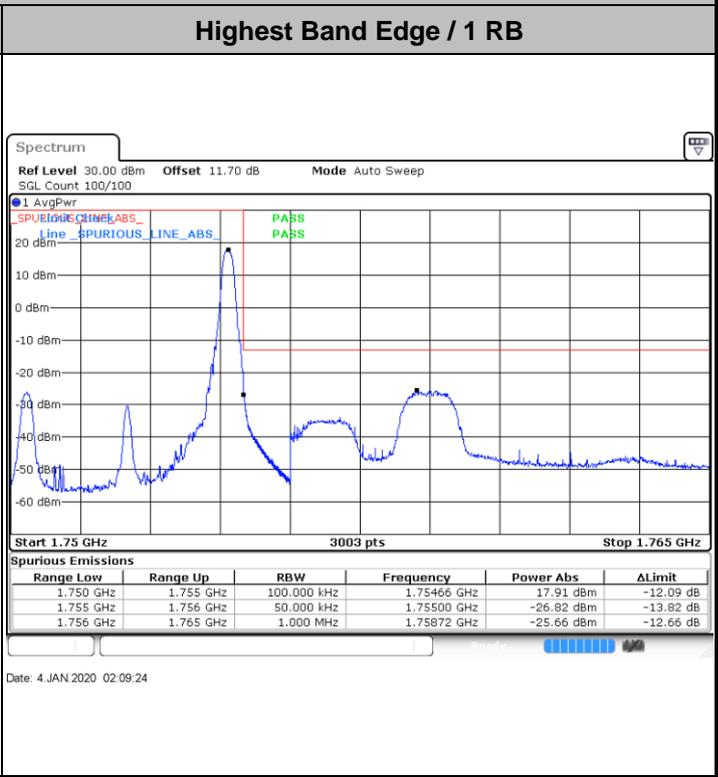
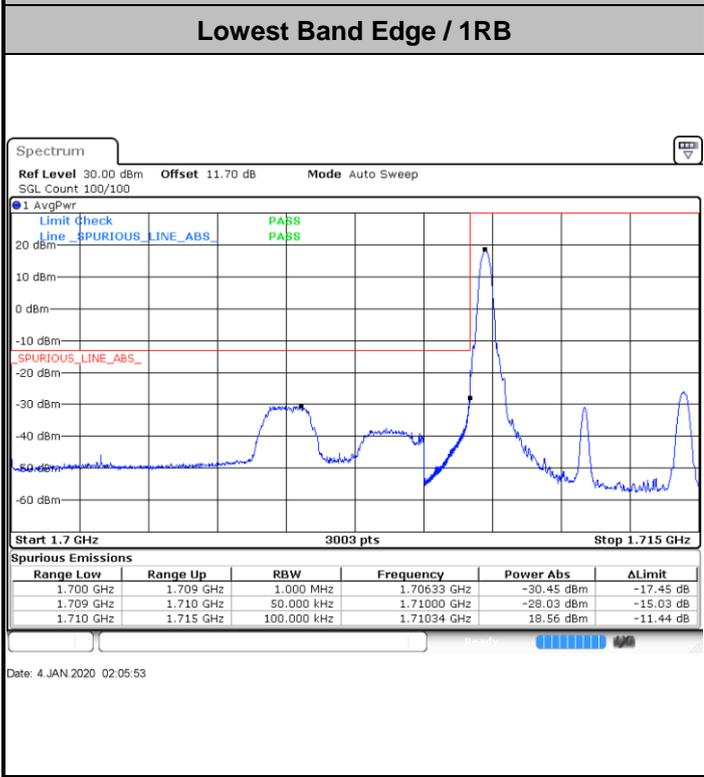
Highest Band Edge / Full RB

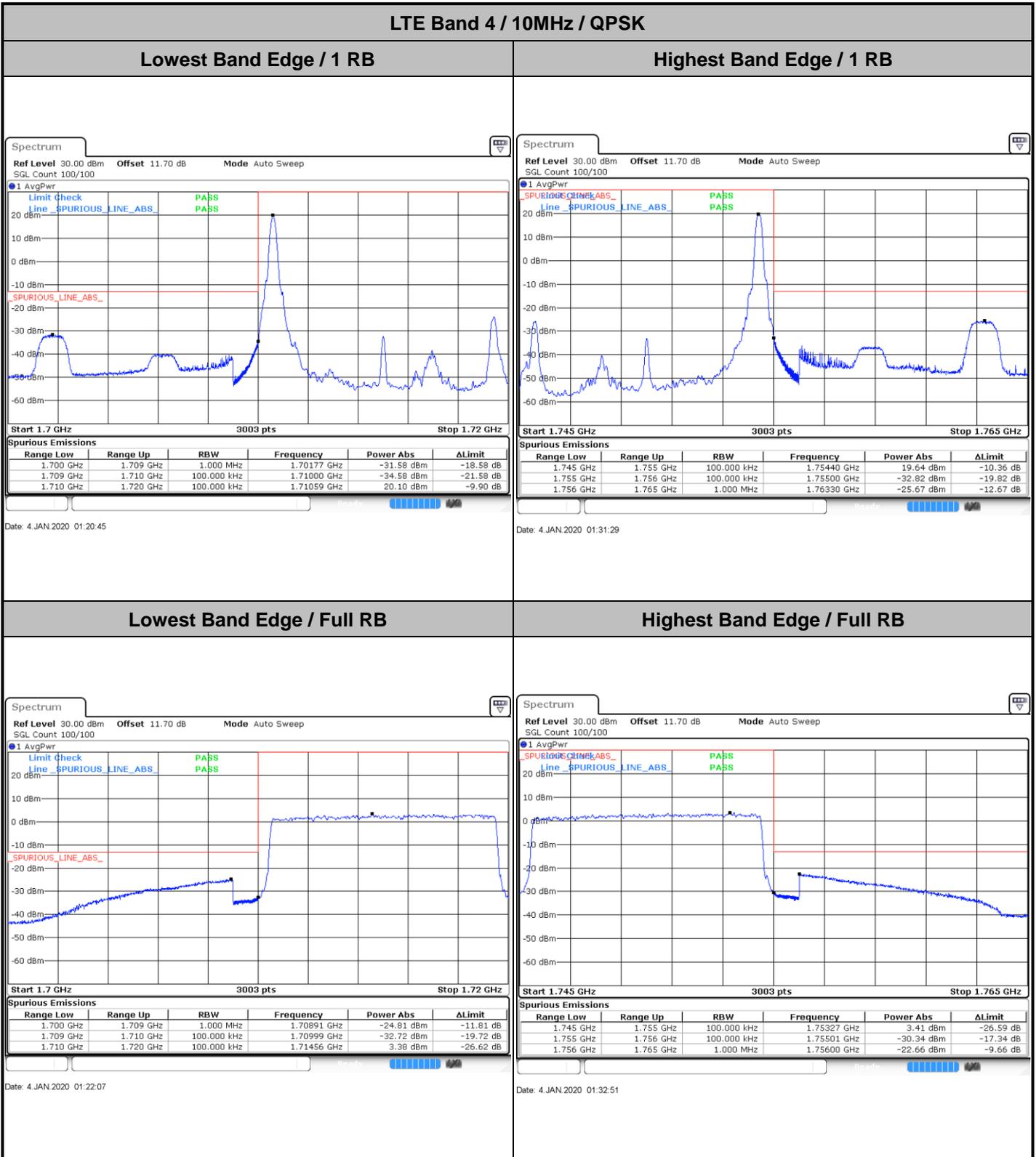


Date: 4 JAN 2020 01:17:52



**LTE Band 4 / 5MHz / 64QAM**

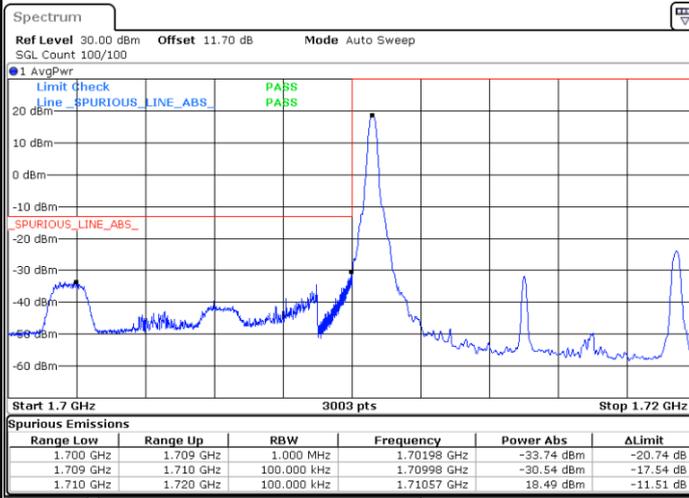






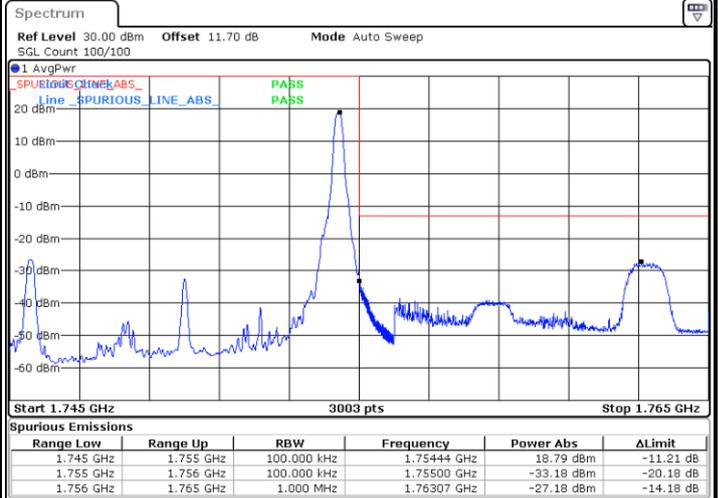
LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



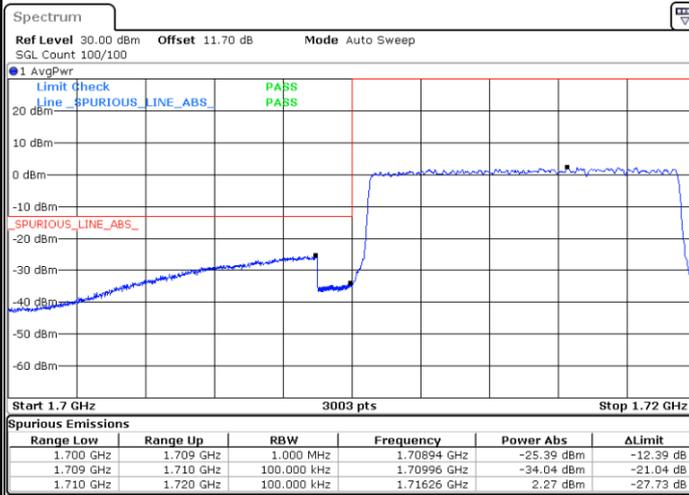
Date: 4 JAN 2020 01:21:26

Highest Band Edge / 1 RB



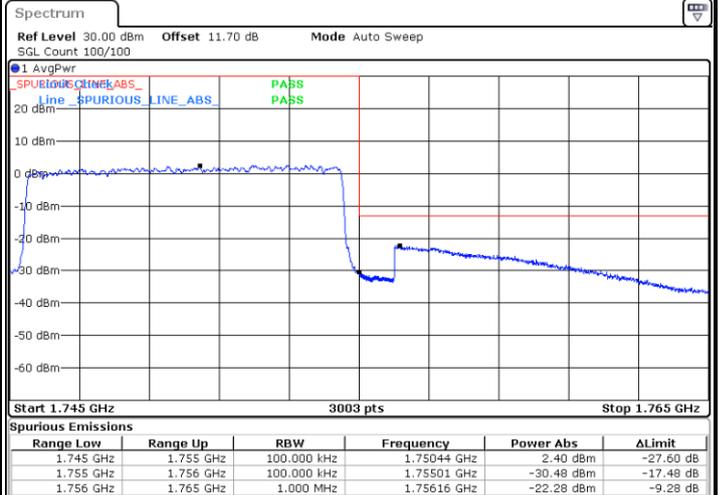
Date: 4 JAN 2020 01:32:10

Lowest Band Edge / Full RB



Date: 4 JAN 2020 01:22:48

Highest Band Edge / Full RB

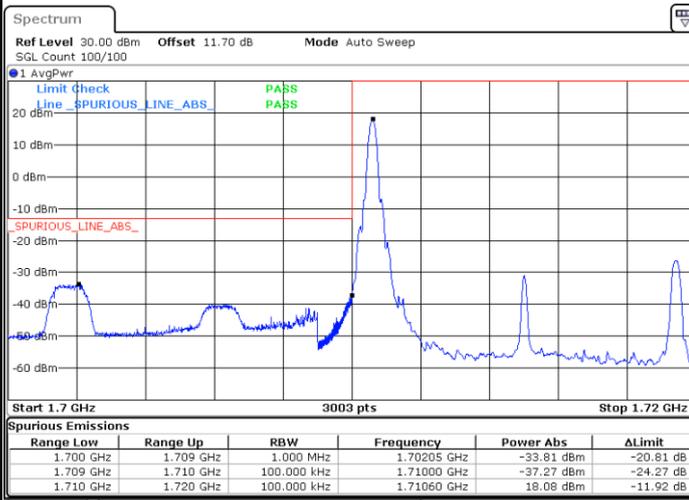


Date: 4 JAN 2020 01:33:32



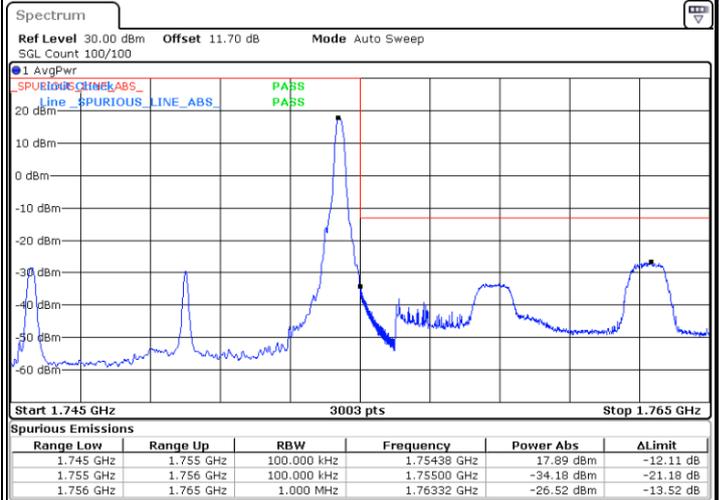
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



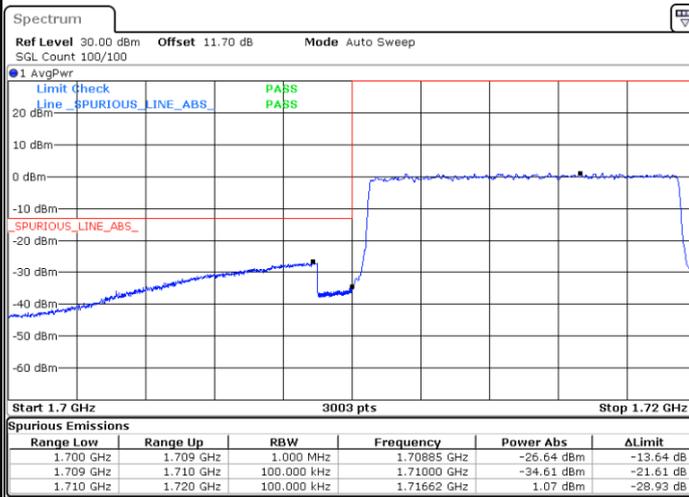
Date: 4 JAN 2020 02:11:51

Highest Band Edge / 1 RB



Date: 4 JAN 2020 02:15:23

Lowest Band Edge / Full RB



Date: 4 JAN 2020 02:12:32

Highest Band Edge / Full RB

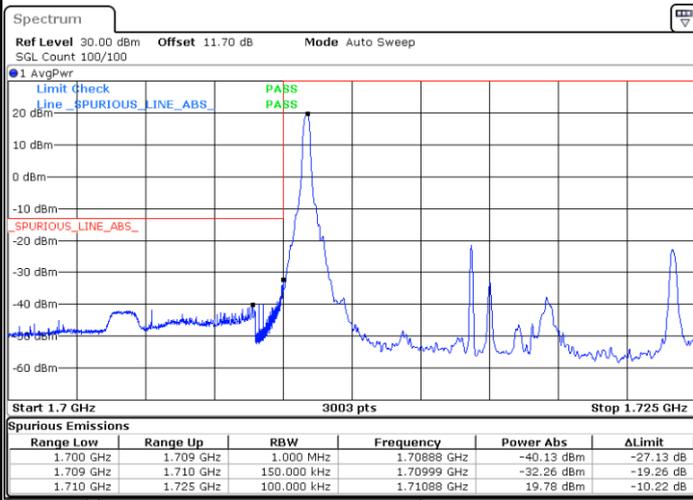


Date: 4 JAN 2020 02:16:04



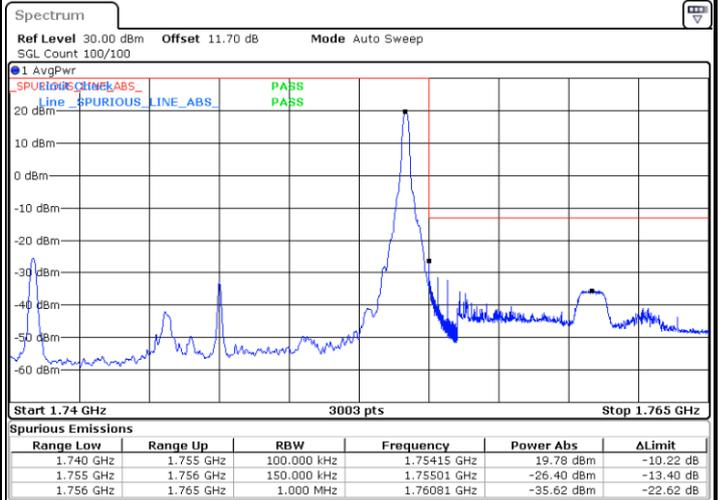
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



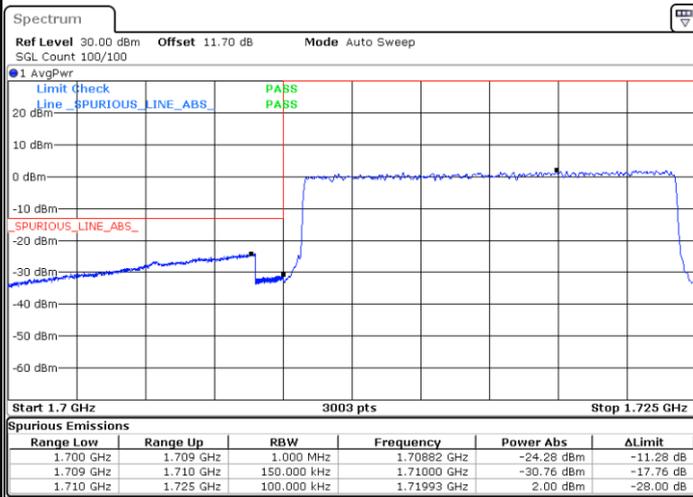
Date: 4 JAN 2020 01:36:25

Highest Band Edge / 1 RB



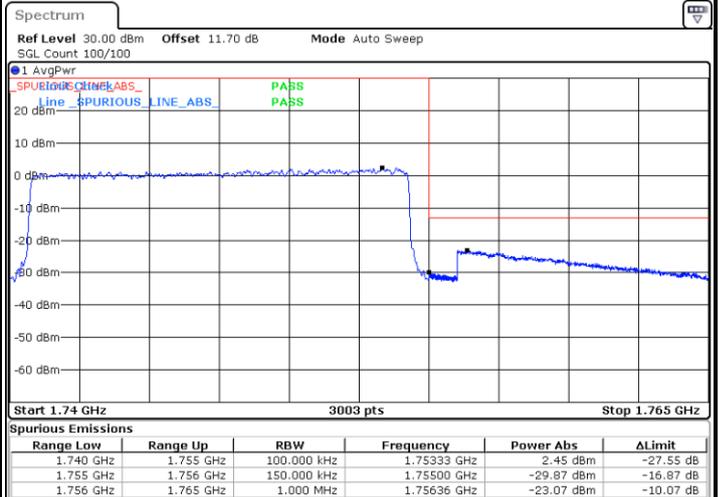
Date: 4 JAN 2020 01:43:27

Lowest Band Edge / Full RB



Date: 4 JAN 2020 01:37:46

Highest Band Edge / Full RB

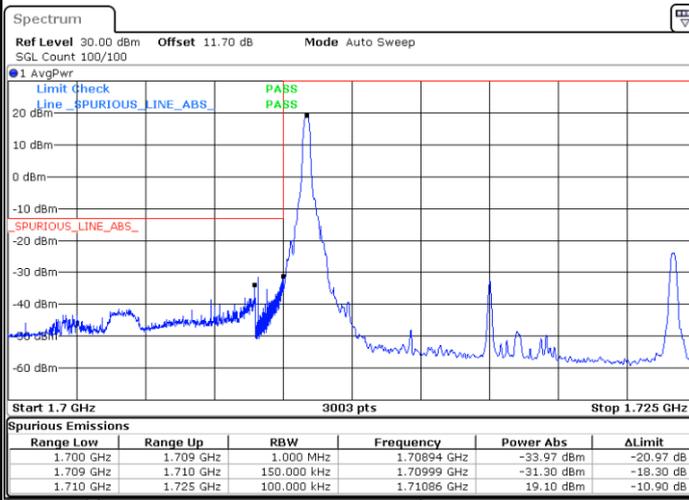


Date: 4 JAN 2020 01:44:49



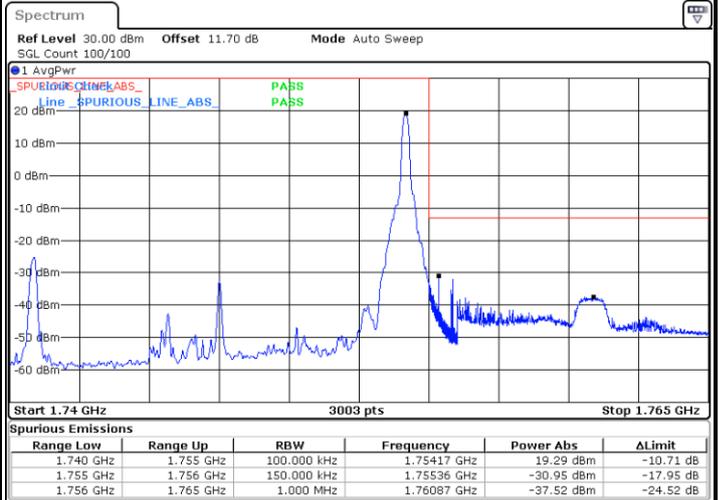
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



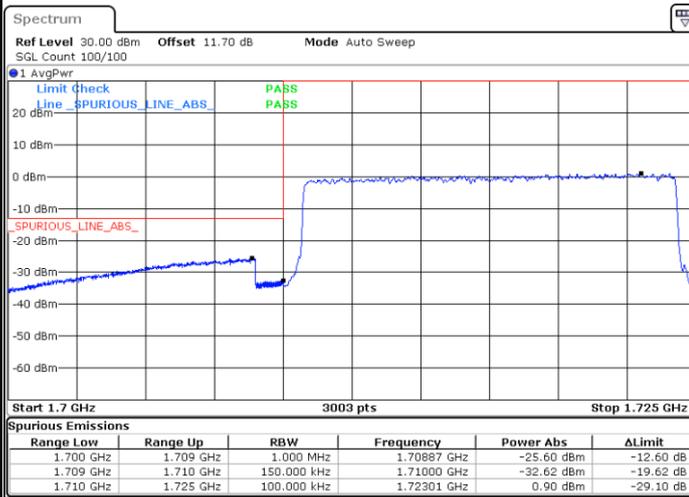
Date: 4 JAN 2020 01:37:05

Highest Band Edge / 1 RB



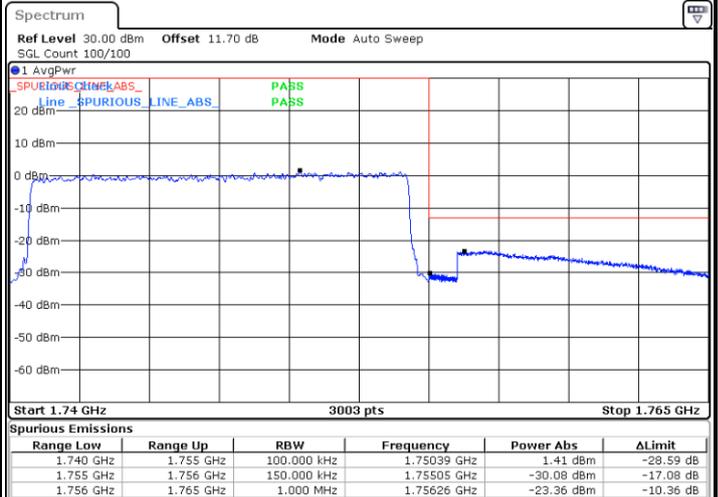
Date: 4 JAN 2020 01:44:08

Lowest Band Edge / Full RB



Date: 4 JAN 2020 01:38:27

Highest Band Edge / Full RB

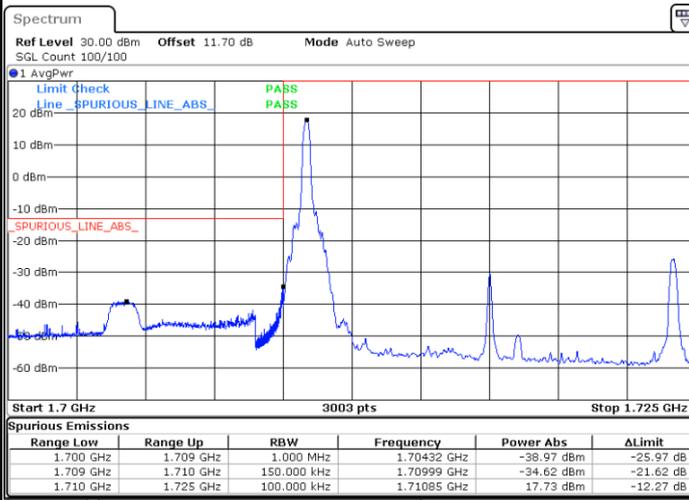


Date: 4 JAN 2020 01:45:30



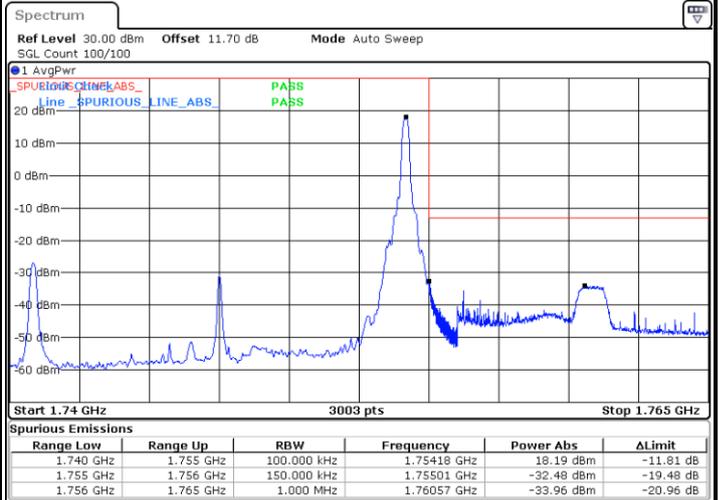
LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



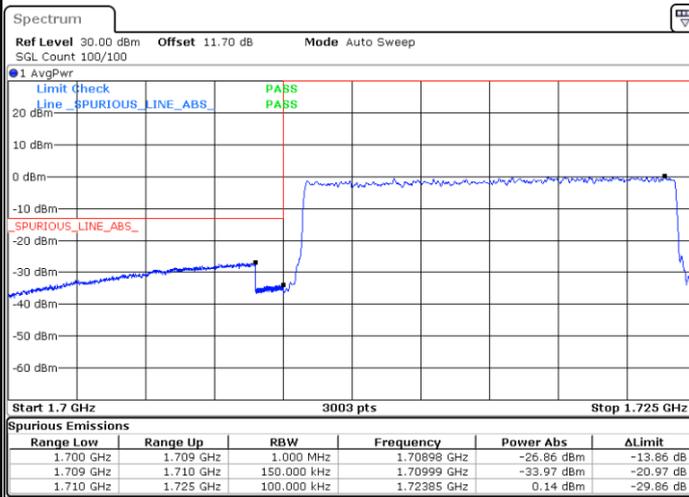
Date: 4 JAN 2020 02:17:50

Highest Band Edge / 1 RB



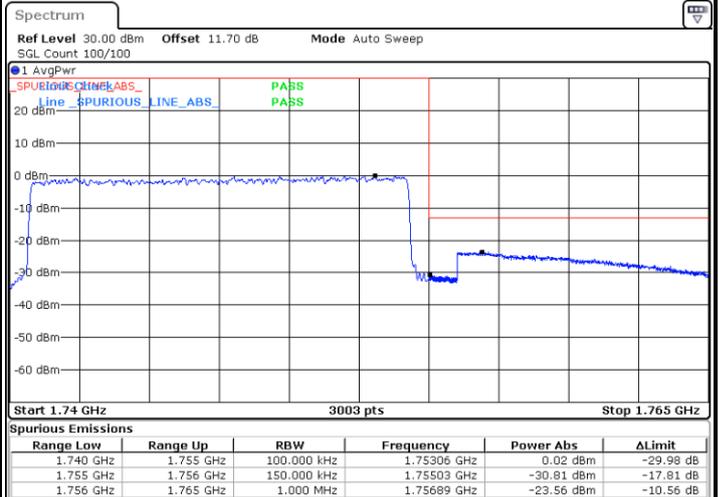
Date: 4 JAN 2020 02:21:20

Lowest Band Edge / Full RB



Date: 4 JAN 2020 02:18:31

Highest Band Edge / Full RB



Date: 4 JAN 2020 02:22:01