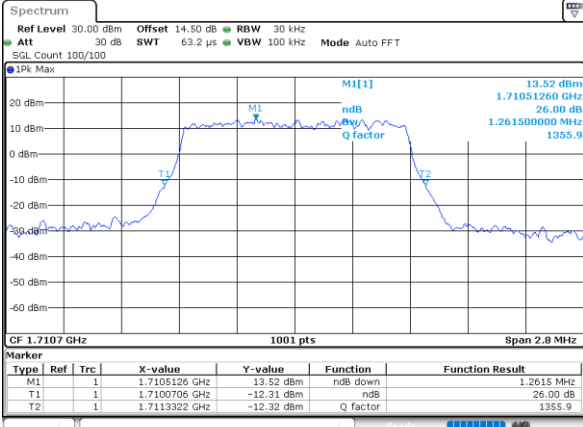




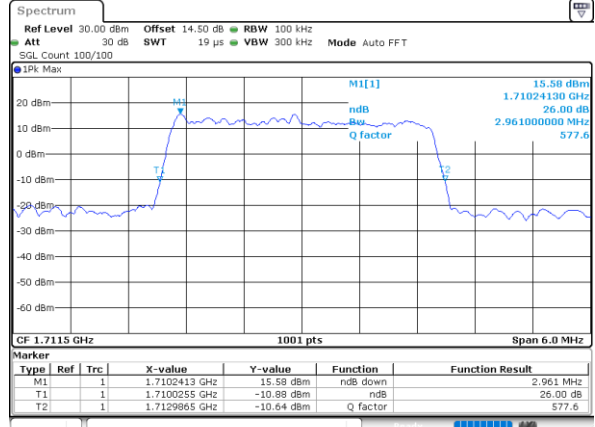
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



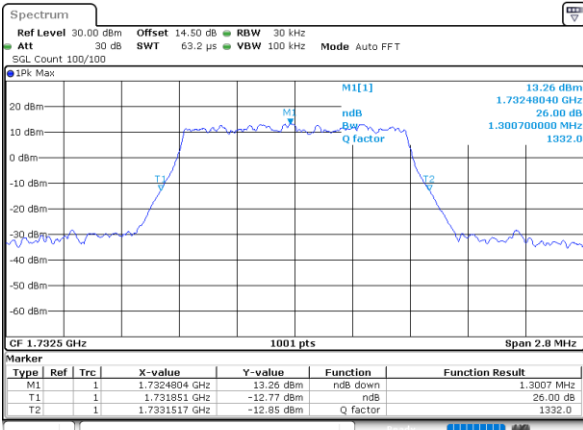
Date: 14. DEC. 2021 19:41:57

Lowest Channel / 3MHz / 64QAM



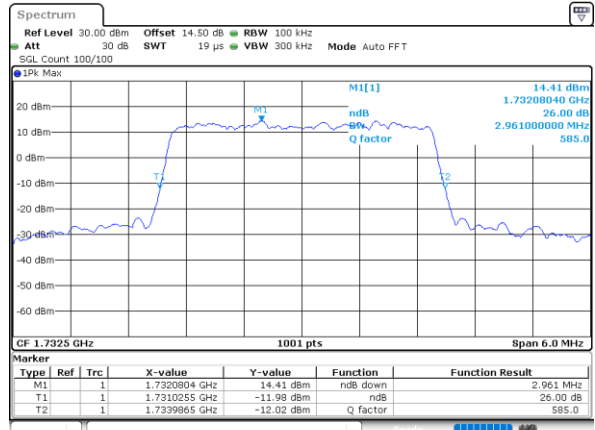
Date: 14. DEC. 2021 18:46:33

Middle Channel / 1.4MHz / 64QAM



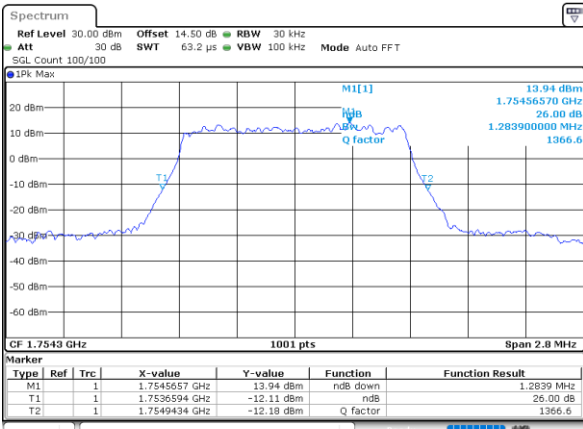
Date: 14. DEC. 2021 19:46:31

Middle Channel / 3MHz / 64QAM



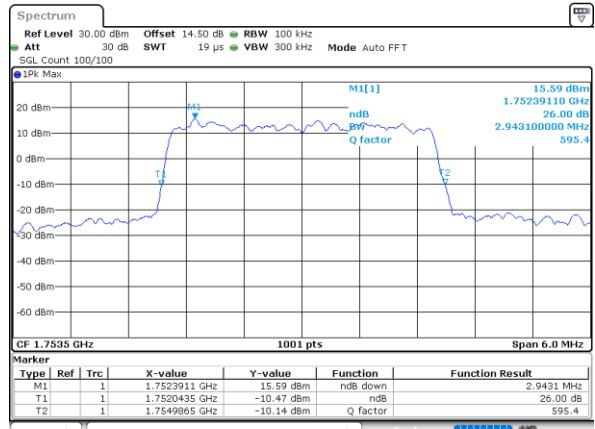
Date: 14. DEC. 2021 18:51:06

Highest Channel / 1.4MHz / 64QAM



Date: 14. DEC. 2021 19:48:28

Highest Channel / 3MHz / 64QAM

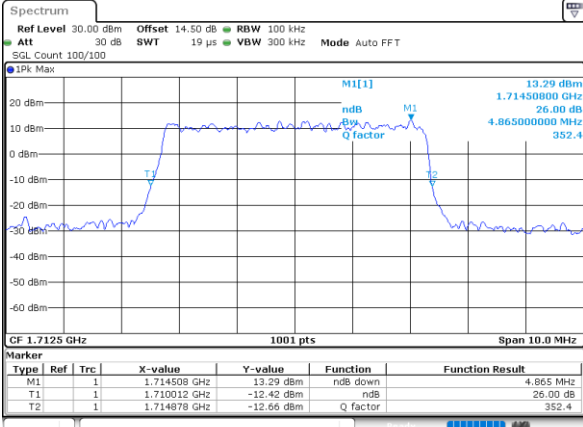


Date: 14. DEC. 2021 18:53:03



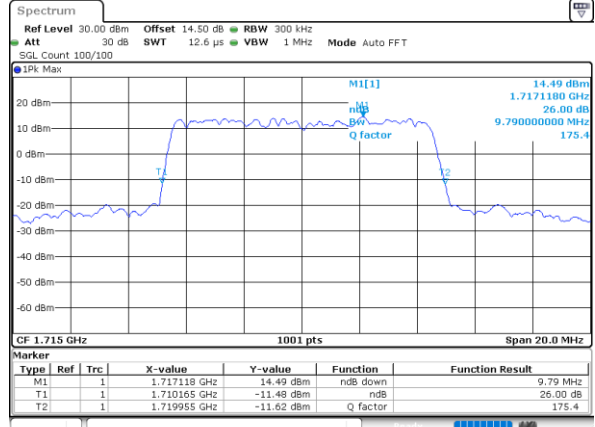
LTE Band 4

Lowest Channel / 5MHz / 64QAM



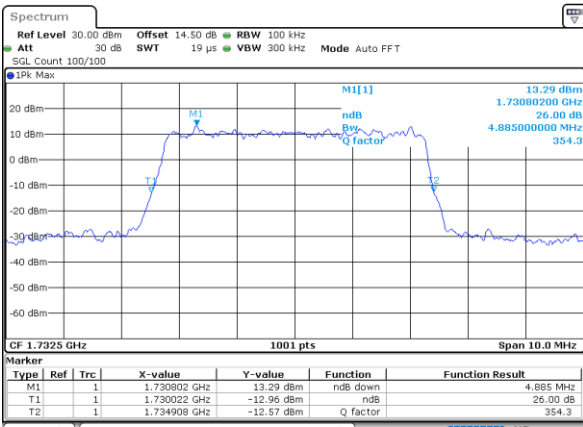
Date: 14. DEC. 2021 19:57:30

Lowest Channel / 10MHz / 64QAM



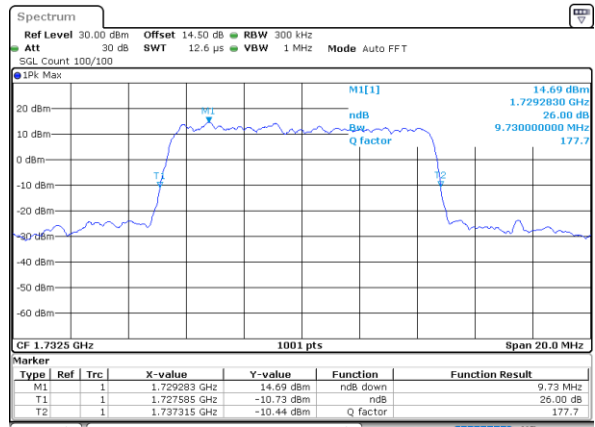
Date: 14. DEC. 2021 19:08:42

Middle Channel / 5MHz / 64QAM



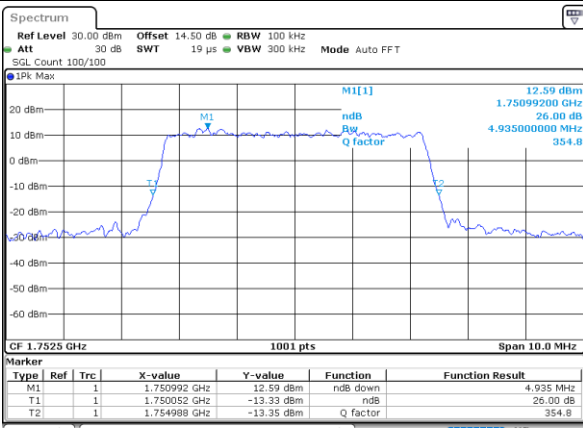
Date: 14. DEC. 2021 19:02:12

Middle Channel / 10MHz / 64QAM



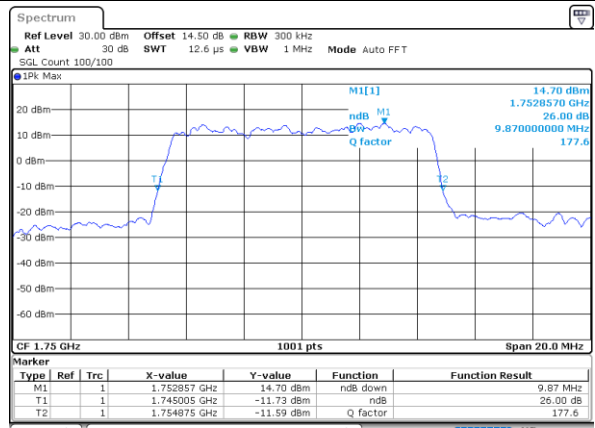
Date: 14. DEC. 2021 19:15:14

Highest Channel / 5MHz / 64QAM



Date: 14. DEC. 2021 19:04:08

Highest Channel / 10MHz / 64QAM

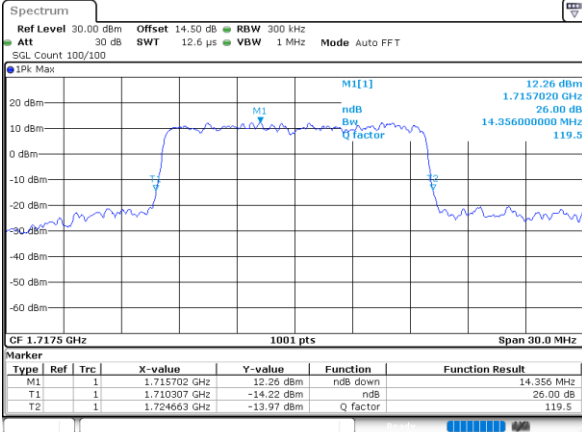


Date: 14. DEC. 2021 19:15:11



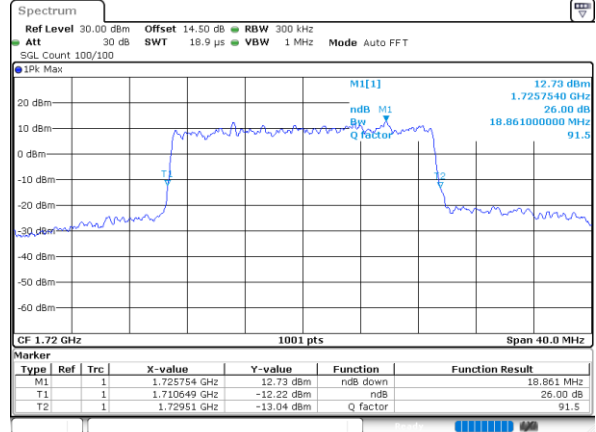
LTE Band 4

Lowest Channel / 15MHz / 64QAM



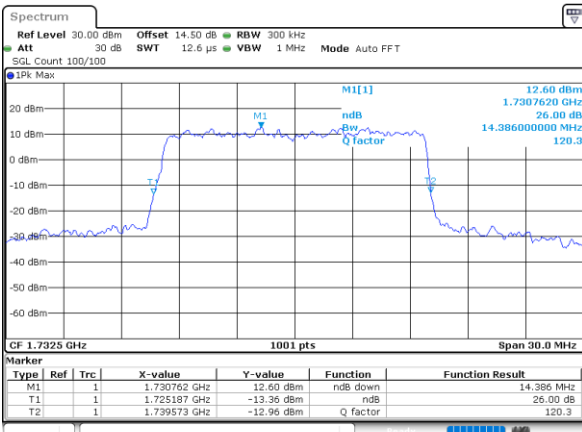
Date: 14. DEC. 2021 19:19:45

Lowest Channel / 20MHz / 64QAM



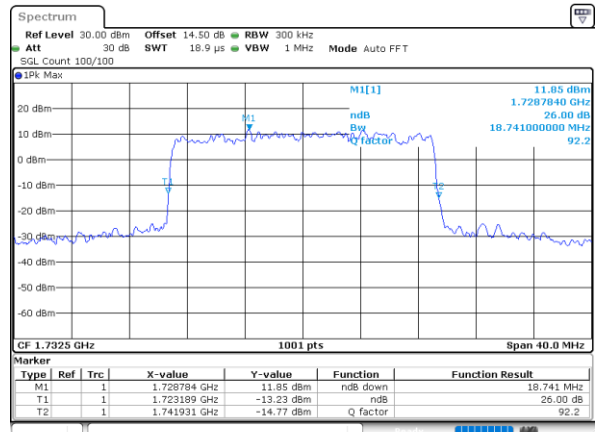
Date: 14. DEC. 2021 19:30:49

Middle Channel / 15MHz / 64QAM



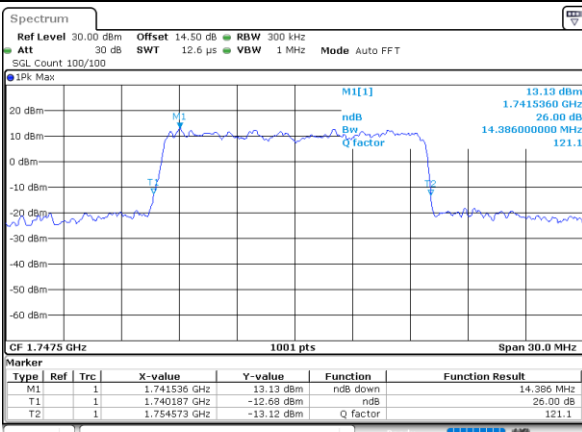
Date: 14. DEC. 2021 19:24:19

Middle Channel / 20MHz / 64QAM



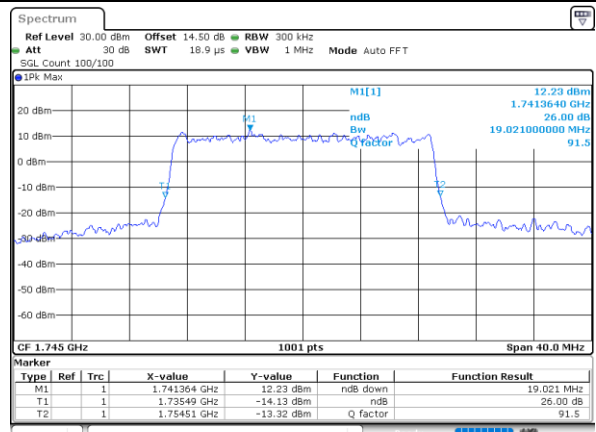
Date: 14. DEC. 2021 19:35:23

Highest Channel / 15MHz / 64QAM



Date: 14. DEC. 2021 19:26:15

Highest Channel / 20MHz / 64QAM



Date: 14. DEC. 2021 19:37:20



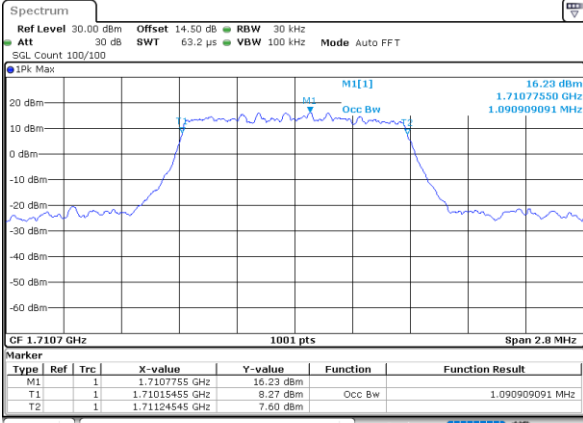
### Occupied Bandwidth

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	1.10	2.73	2.71	4.48	4.50	9.05	9.07	13.49	13.43	17.94	17.90
Middle CH	1.10	1.09	2.71	2.72	4.48	4.50	9.01	9.01	13.49	13.46	17.90	17.82
Highest CH	1.09	1.10	2.72	2.70	4.49	4.50	9.01	9.01	13.46	13.43	17.90	17.90
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	-	2.72	-	4.49	-	8.99	-	13.43	-	17.78	-
Middle CH	1.09	-	2.72	-	4.49	-	9.11	-	13.40	-	17.78	-
Highest CH	1.10	-	2.72	-	4.49	-	9.05	-	13.46	-	17.90	-



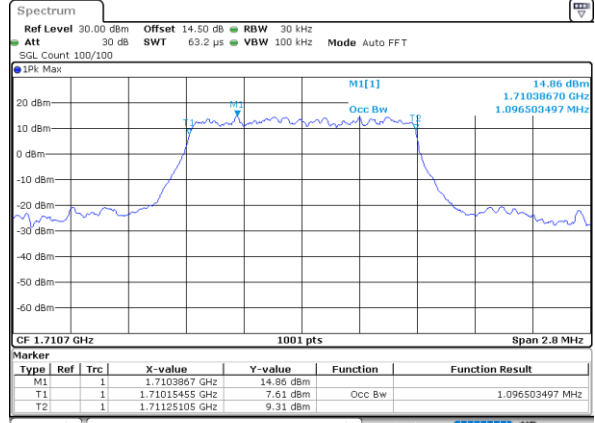
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



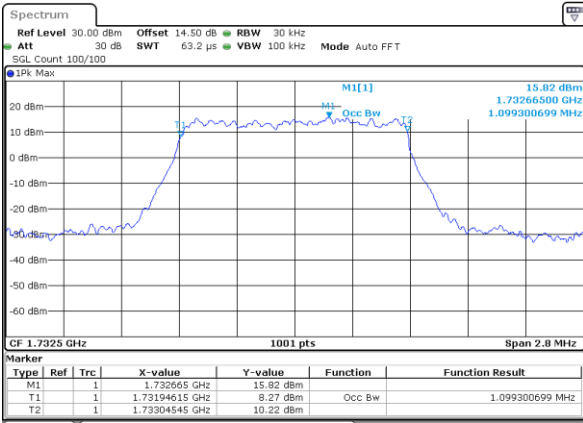
Date: 14. DEC. 2021 19:52:16

Lowest Channel / 1.4MHz / 16QAM



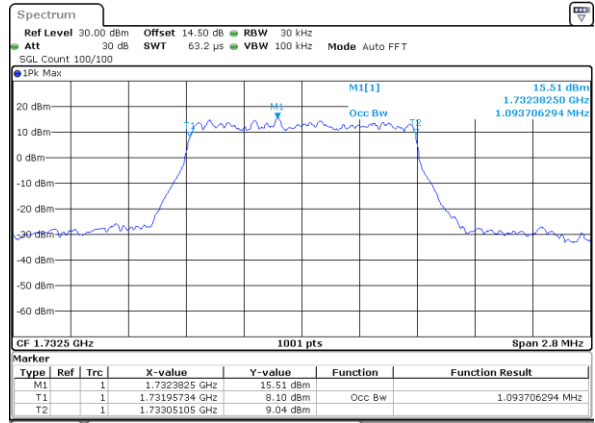
Date: 14. DEC. 2021 19:53:11

Middle Channel / 1.4MHz / QPSK



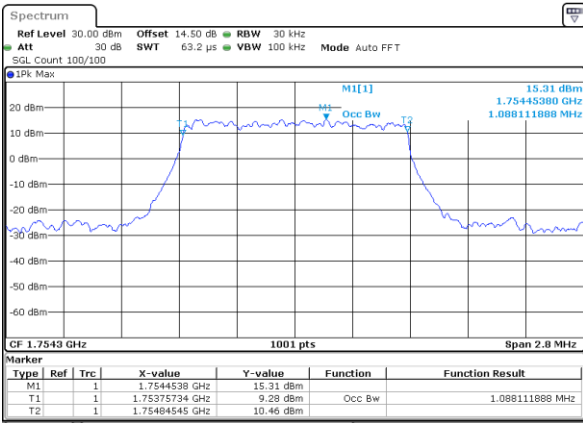
Date: 14. DEC. 2021 20:02:11

Middle Channel / 1.4MHz / 16QAM



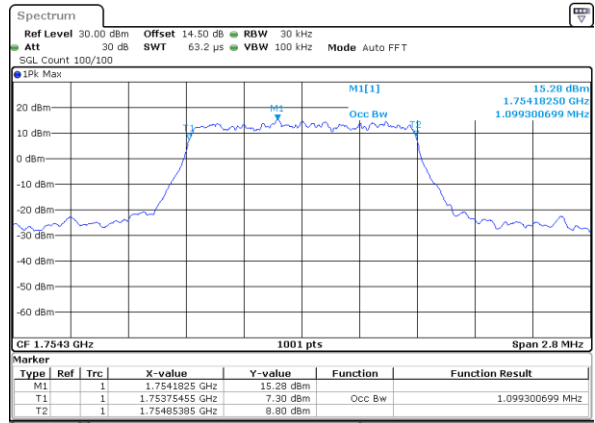
Date: 14. DEC. 2021 20:02:35

Highest Channel / 1.4MHz / QPSK



Date: 14. DEC. 2021 20:06:22

Highest Channel / 1.4MHz / 16QAM

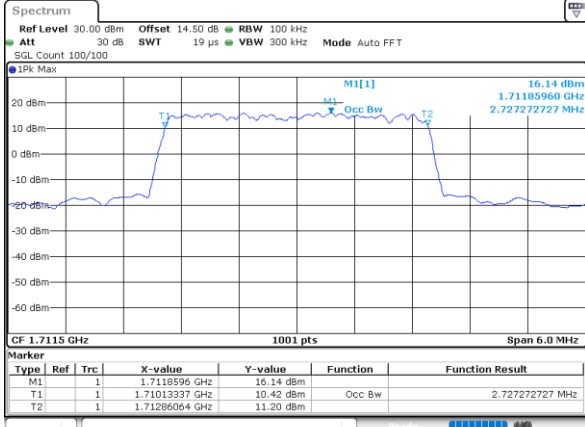


Date: 14. DEC. 2021 20:06:46



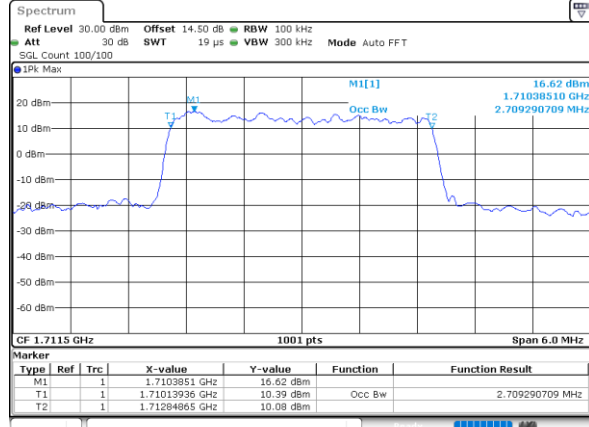
LTE Band 4

Lowest Channel / 3MHz / QPSK



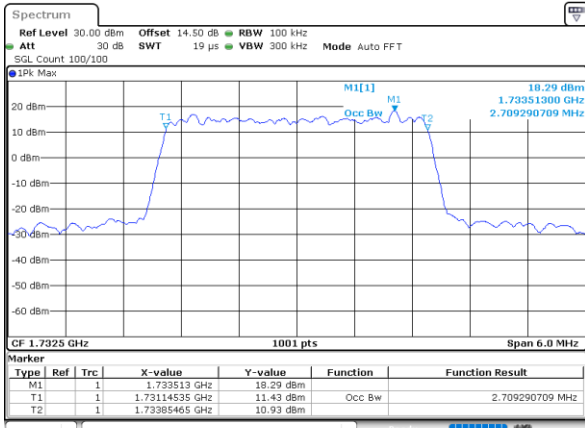
Date: 14. DEC. 2021 14:10:47

Lowest Channel / 3MHz / 16QAM



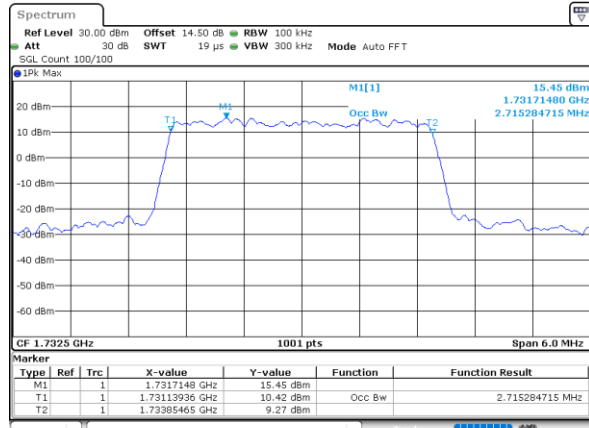
Date: 14. DEC. 2021 14:11:11

Middle Channel / 3MHz / QPSK



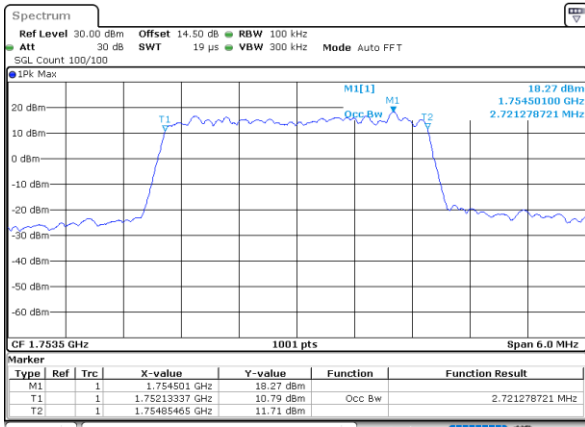
Date: 14. DEC. 2021 14:20:14

Middle Channel / 3MHz / 16QAM



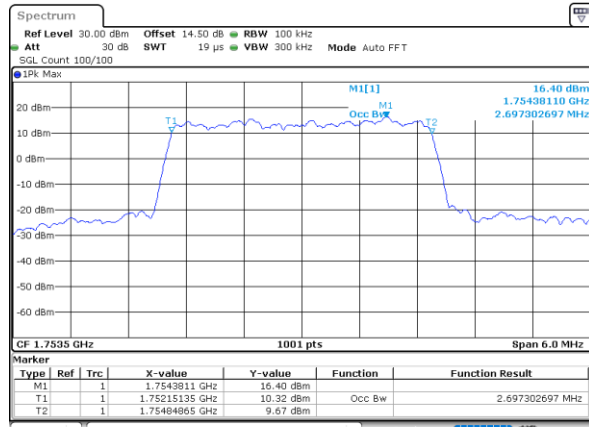
Date: 14. DEC. 2021 14:20:38

Highest Channel / 3MHz / QPSK



Date: 14. DEC. 2021 14:24:25

Highest Channel / 3MHz / 16QAM

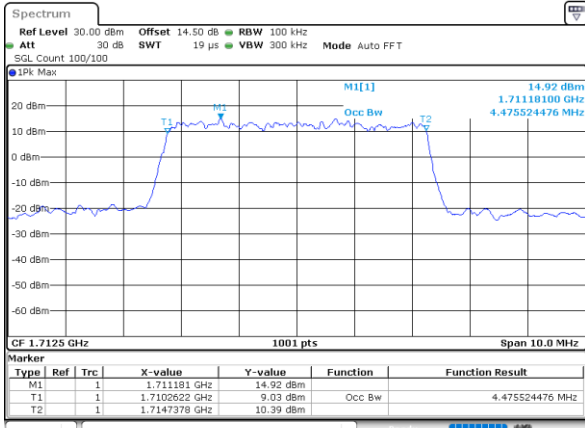


Date: 14. DEC. 2021 14:24:49



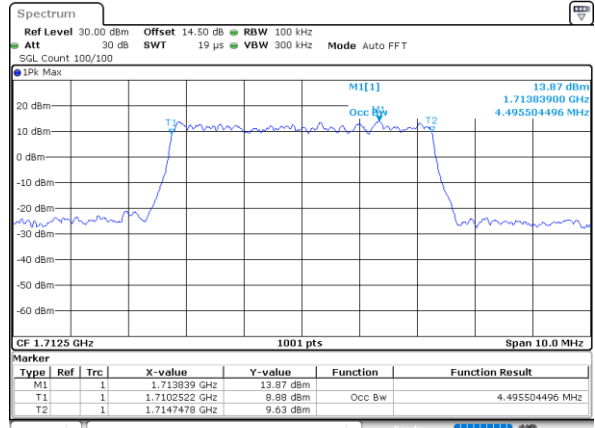
LTE Band 4

Lowest Channel / 5MHz / QPSK



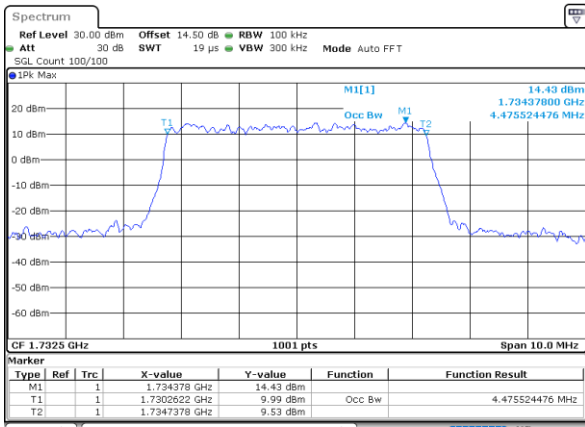
Date: 14. DEC. 2021 14:35:29

Lowest Channel / 5MHz / 16QAM



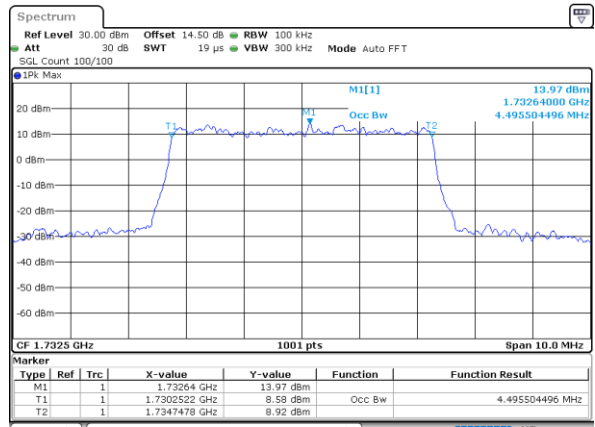
Date: 14. DEC. 2021 14:35:53

Middle Channel / 5MHz / QPSK



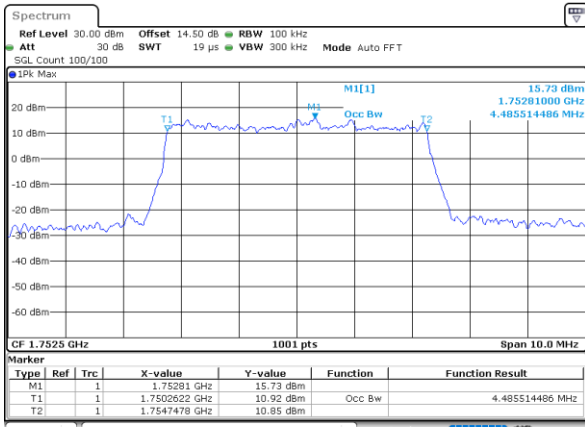
Date: 14. DEC. 2021 14:44:55

Middle Channel / 5MHz / 16QAM



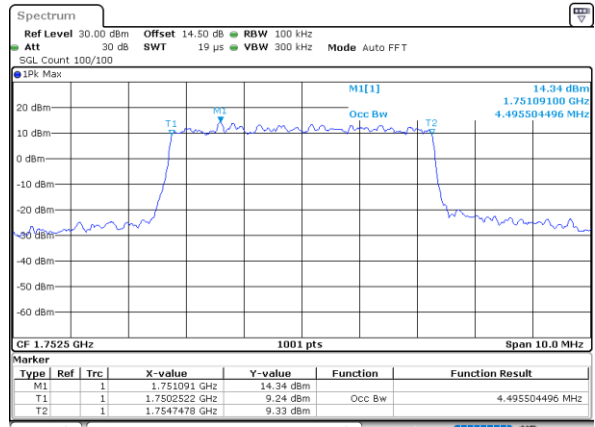
Date: 14. DEC. 2021 14:45:19

Highest Channel / 5MHz / QPSK



Date: 14. DEC. 2021 14:49:06

Highest Channel / 5MHz / 16QAM

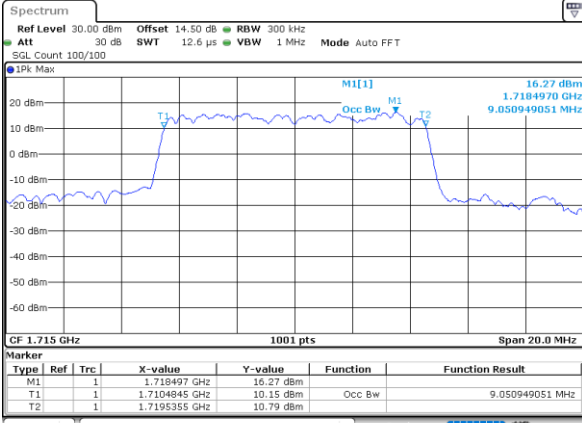


Date: 14. DEC. 2021 14:49:31



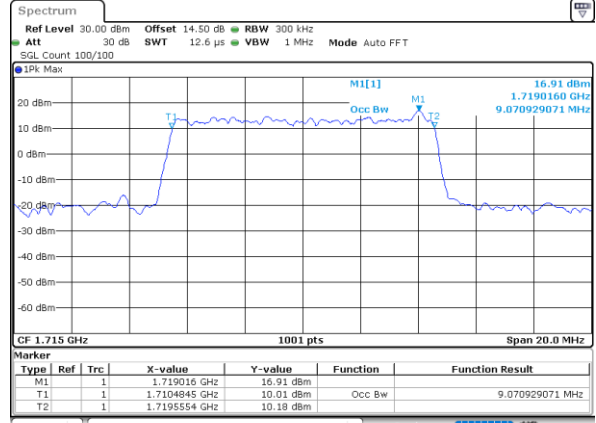
LTE Band 4

Lowest Channel / 10MHz / QPSK



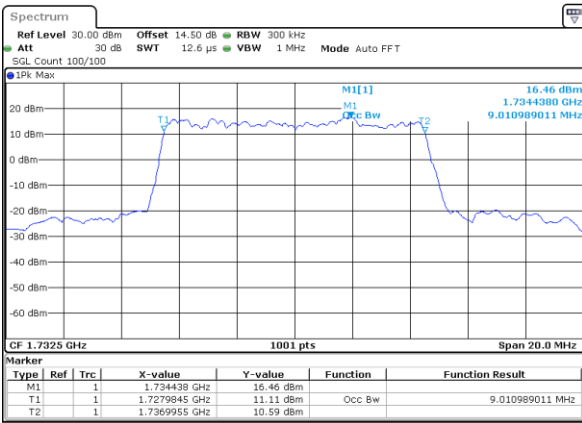
Date: 14. DEC. 2021 14:58:32

Lowest Channel / 10MHz / 16QAM



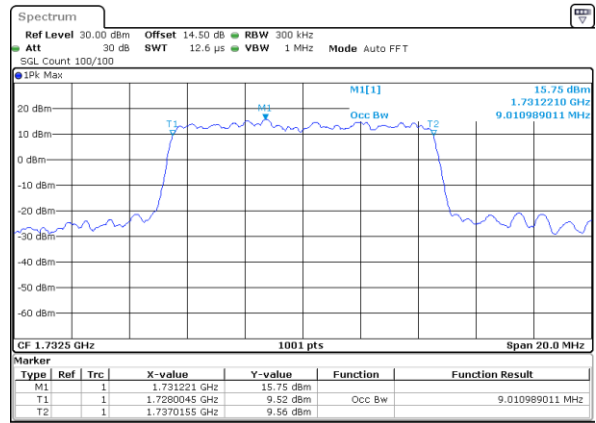
Date: 14. DEC. 2021 14:58:56

Middle Channel / 10MHz / QPSK



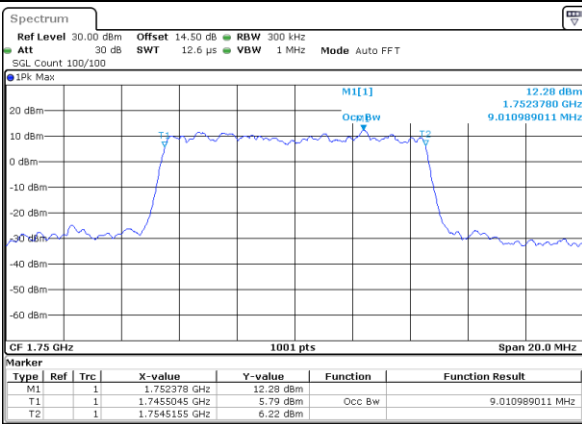
Date: 14. DEC. 2021 15:07:56

Middle Channel / 10MHz / 16QAM



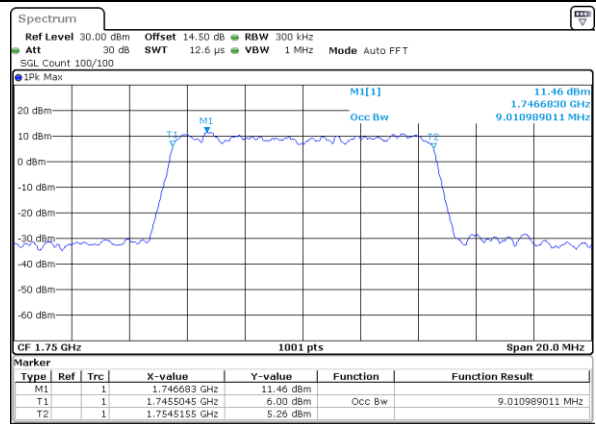
Date: 14. DEC. 2021 15:08:19

Highest Channel / 10MHz / QPSK



Date: 14. DEC. 2021 15:12:06

Highest Channel / 10MHz / 16QAM



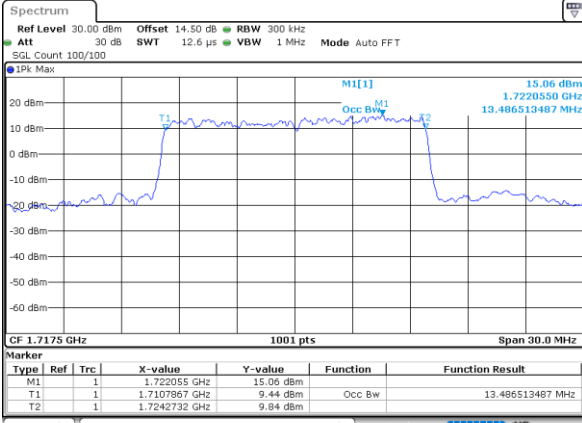
Date: 14. DEC. 2021 15:12:30





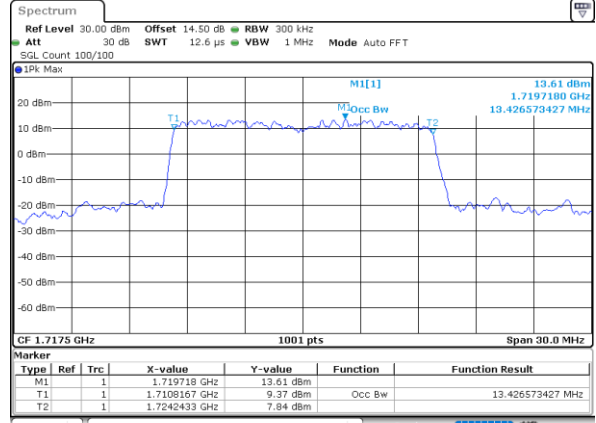
LTE Band 4

Lowest Channel / 15MHz / QPSK



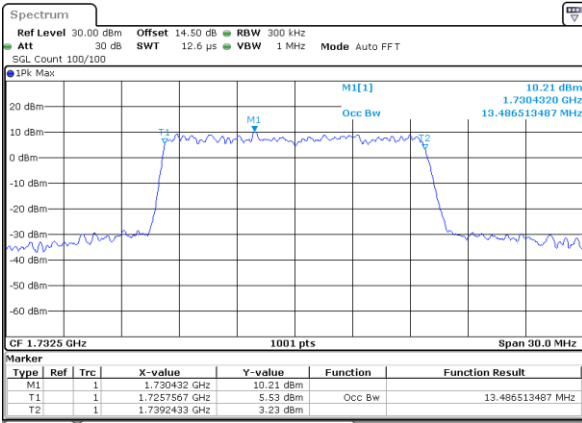
Date: 14. DEC. 2021 15:21:33

Lowest Channel / 15MHz / 16QAM



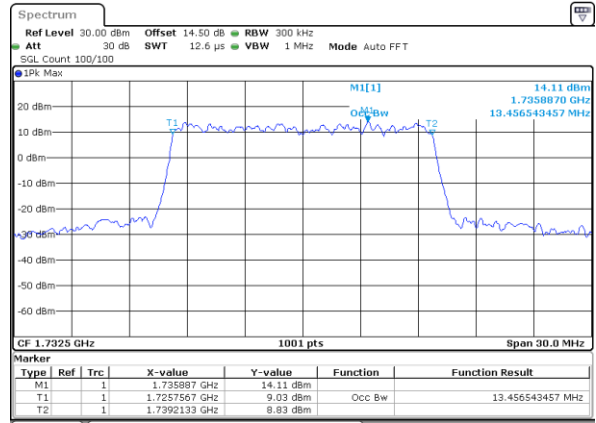
Date: 14. DEC. 2021 15:21:57

Middle Channel / 15MHz / QPSK



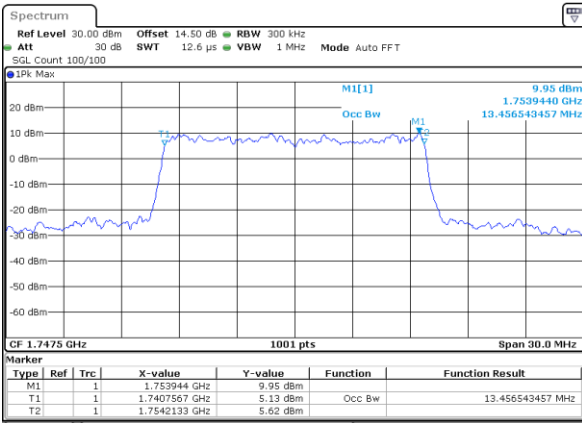
Date: 14. DEC. 2021 15:30:59

Middle Channel / 15MHz / 16QAM



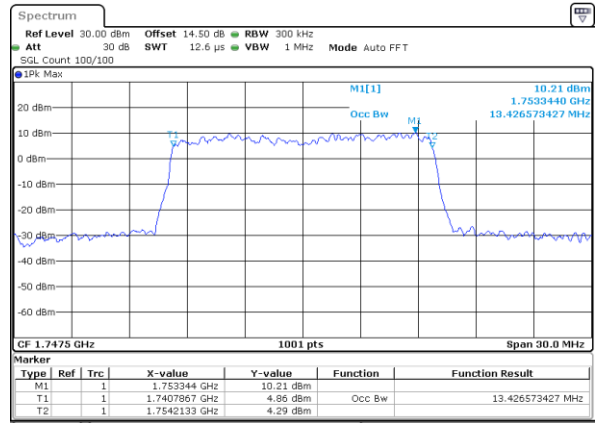
Date: 14. DEC. 2021 15:31:22

Highest Channel / 15MHz / QPSK



Date: 14. DEC. 2021 17:22:13

Highest Channel / 15MHz / 16QAM

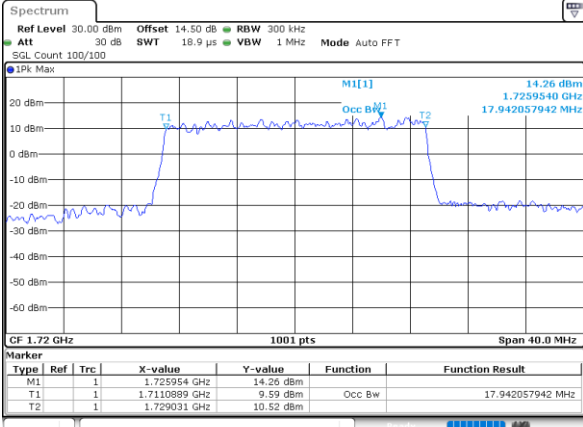


Date: 14. DEC. 2021 17:22:55



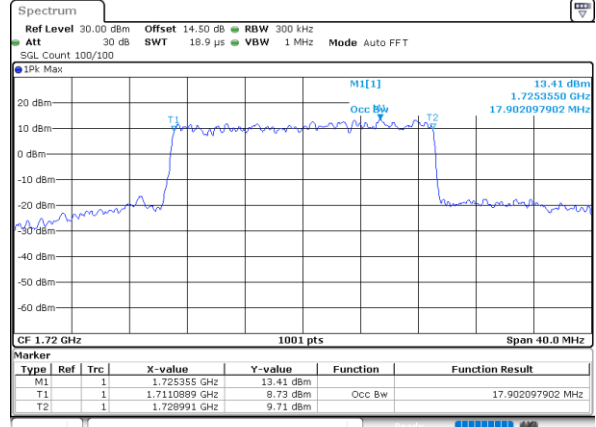
LTE Band 4

Lowest Channel / 20MHz / QPSK



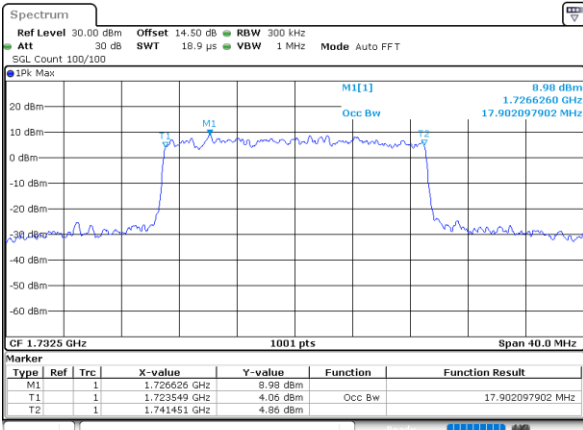
Date: 14. DEC. 2021 17:31:50

Lowest Channel / 20MHz / 16QAM



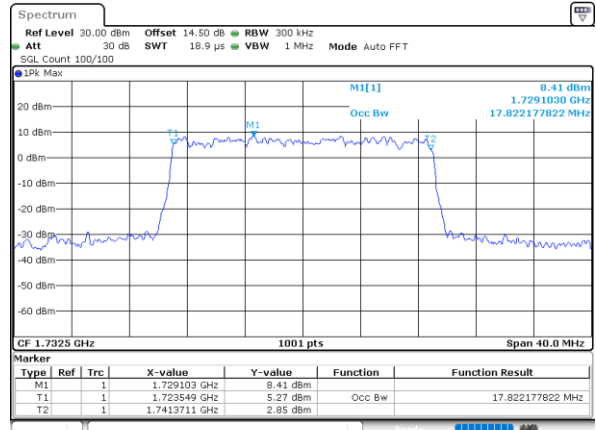
Date: 14. DEC. 2021 17:32:22

Middle Channel / 20MHz / QPSK



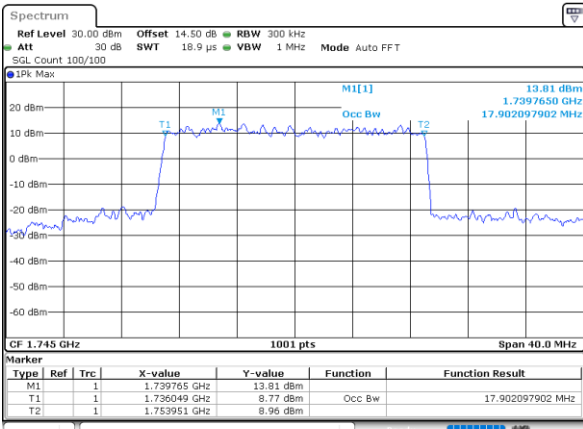
Date: 14. DEC. 2021 17:41:23

Middle Channel / 20MHz / 16QAM



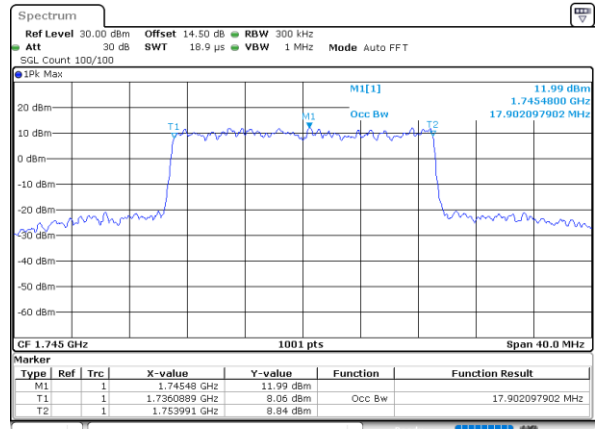
Date: 14. DEC. 2021 17:41:46

Highest Channel / 20MHz / QPSK



Date: 14. DEC. 2021 18:36:54

Highest Channel / 20MHz / 16QAM

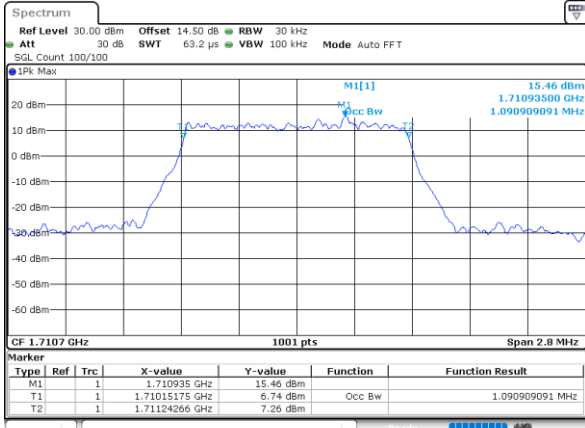


Date: 14. DEC. 2021 18:37:18



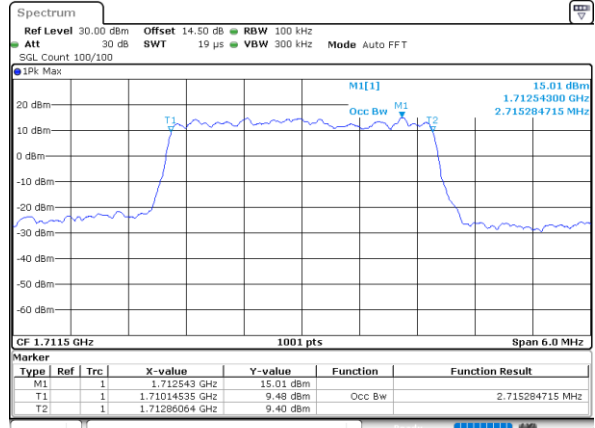
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



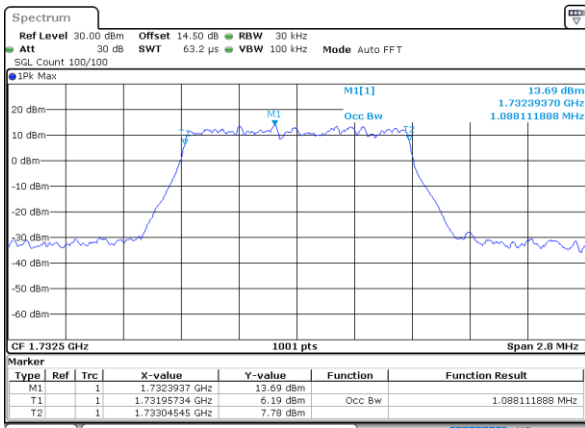
Date: 14. DEC. 2021 19:41:12

Lowest Channel / 3MHz / 64QAM



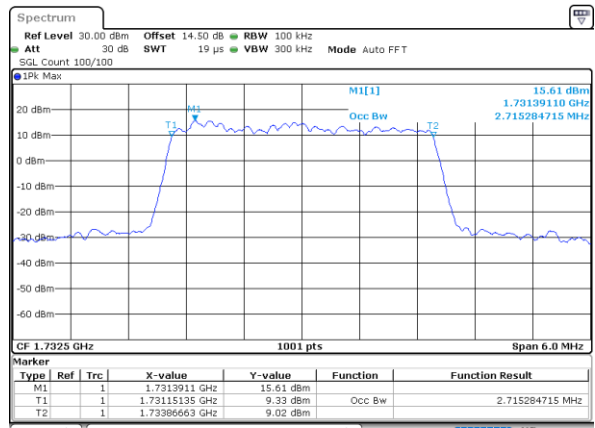
Date: 14. DEC. 2021 18:46:18

Middle Channel / 1.4MHz / 64QAM



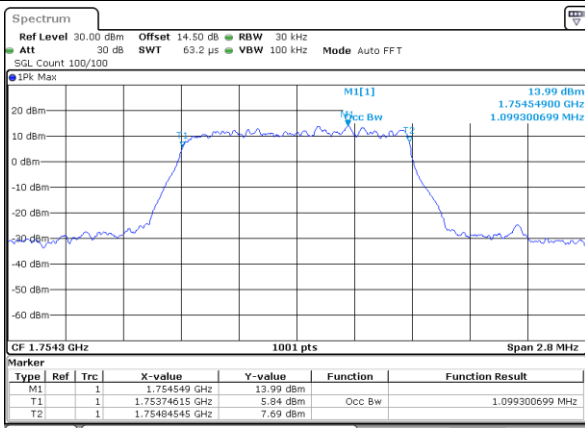
Date: 14. DEC. 2021 19:46:16

Middle Channel / 3MHz / 64QAM



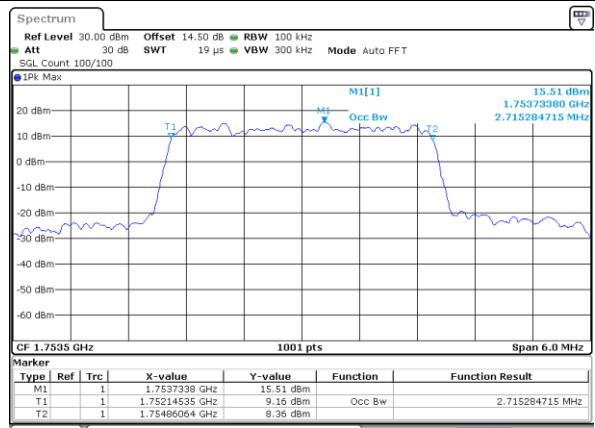
Date: 14. DEC. 2021 18:50:51

Highest Channel / 1.4MHz / 64QAM



Date: 14. DEC. 2021 19:48:13

Highest Channel / 3MHz / 64QAM

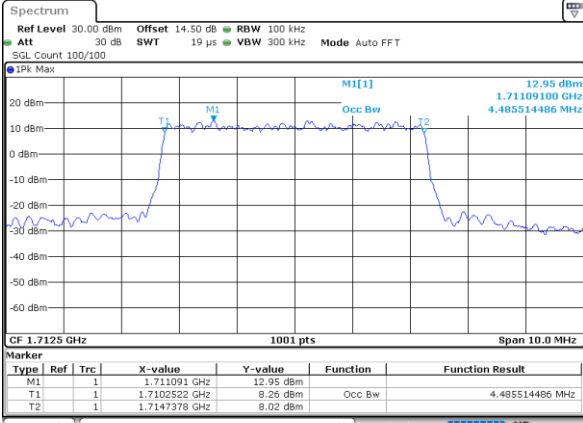


Date: 14. DEC. 2021 18:52:49



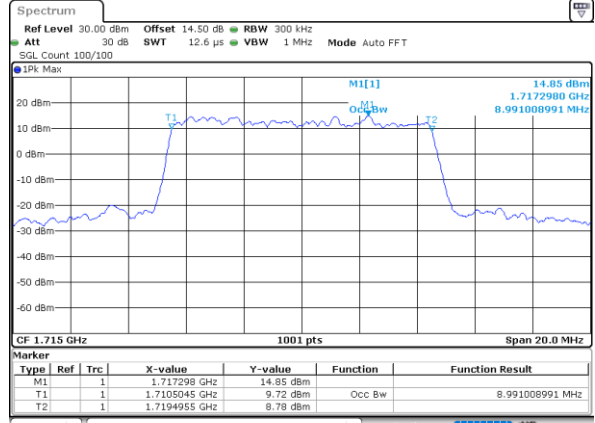
LTE Band 4

Lowest Channel / 5MHz / 64QAM



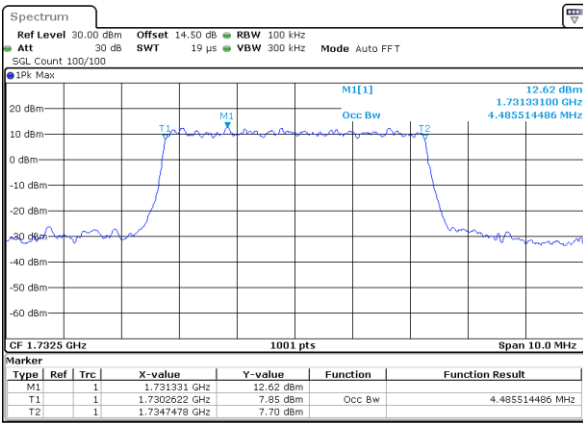
Date: 14. DEC. 2021 19:57:22

Lowest Channel / 10MHz / 64QAM



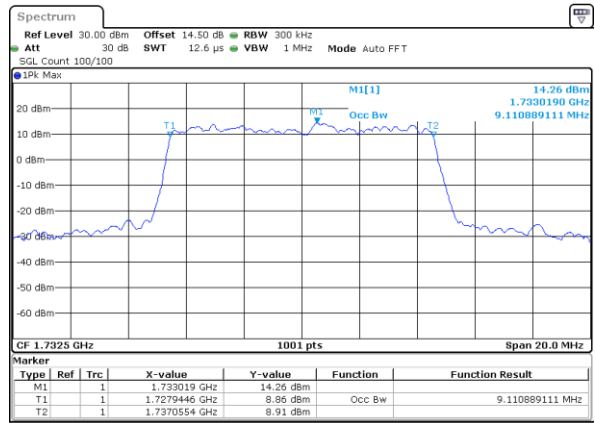
Date: 14. DEC. 2021 19:08:27

Middle Channel / 5MHz / 64QAM



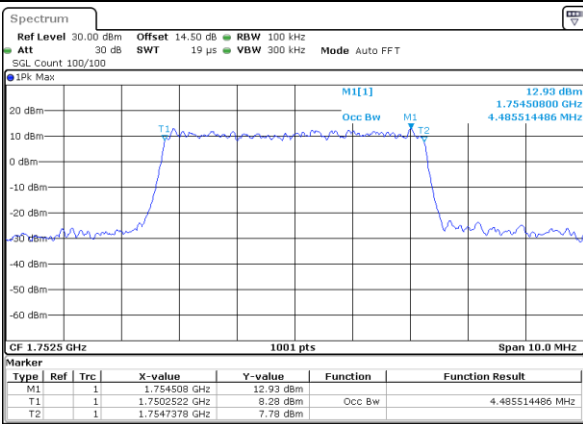
Date: 14. DEC. 2021 19:01:57

Middle Channel / 10MHz / 64QAM



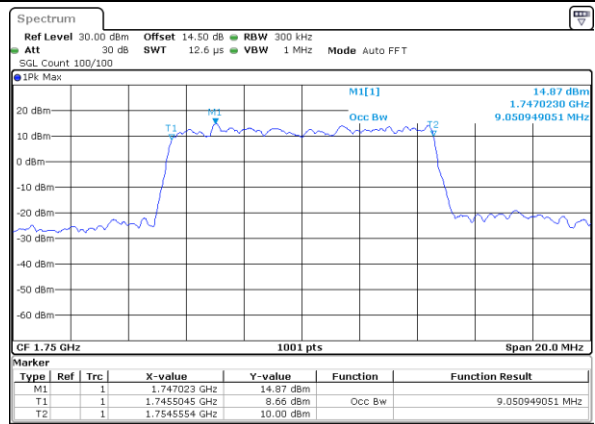
Date: 14. DEC. 2021 19:12:59

Highest Channel / 5MHz / 64QAM



Date: 14. DEC. 2021 19:03:54

Highest Channel / 10MHz / 64QAM

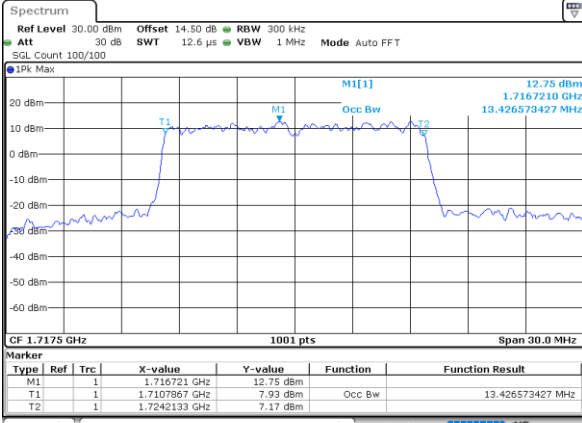


Date: 14. DEC. 2021 19:14:56



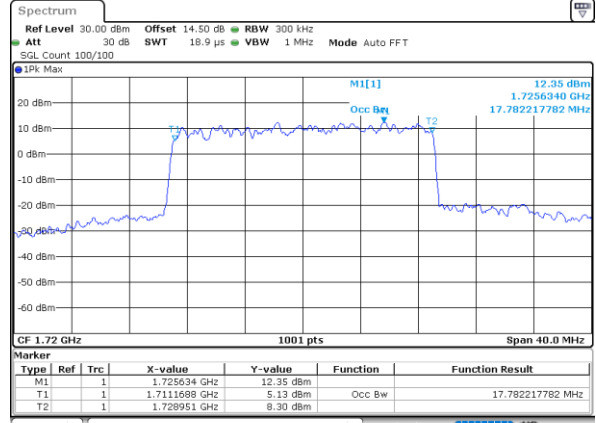
LTE Band 4

Lowest Channel / 15MHz / 64QAM



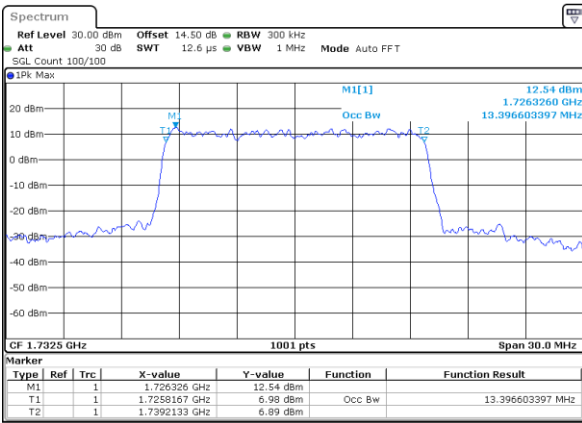
Date: 14. DEC. 2021 19:19:30

Lowest Channel / 20MHz / 64QAM



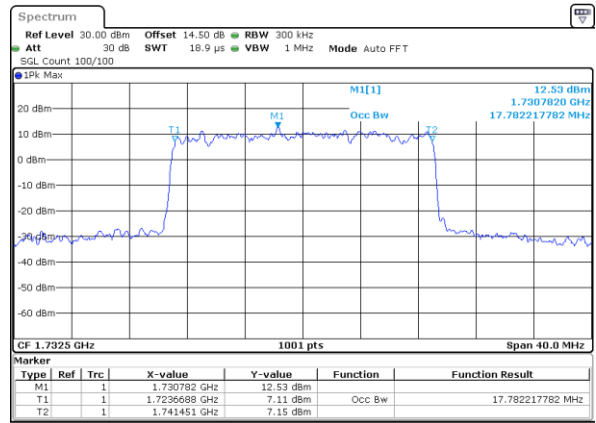
Date: 14. DEC. 2021 19:13:34

Middle Channel / 15MHz / 64QAM



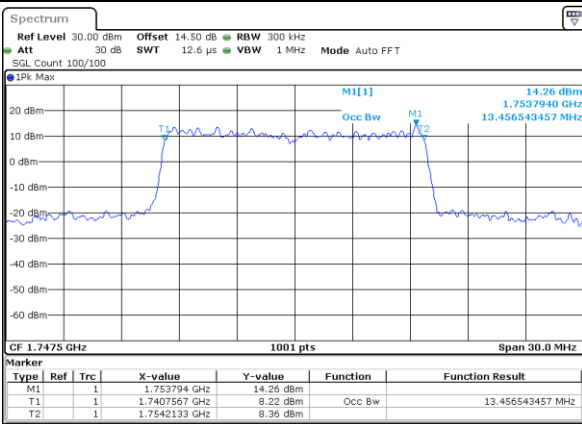
Date: 14. DEC. 2021 19:24:04

Middle Channel / 20MHz / 64QAM



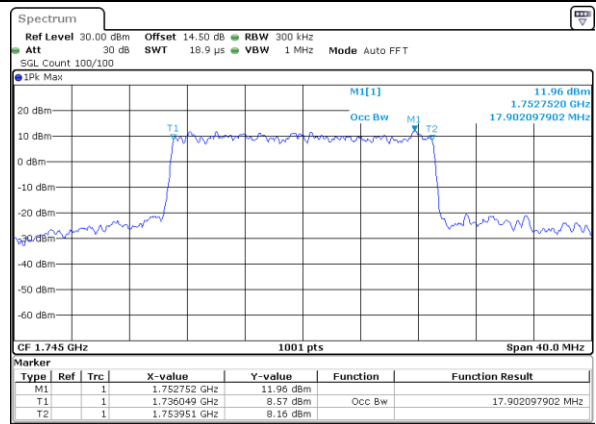
Date: 14. DEC. 2021 19:13:08

Highest Channel / 15MHz / 64QAM



Date: 14. DEC. 2021 19:26:00

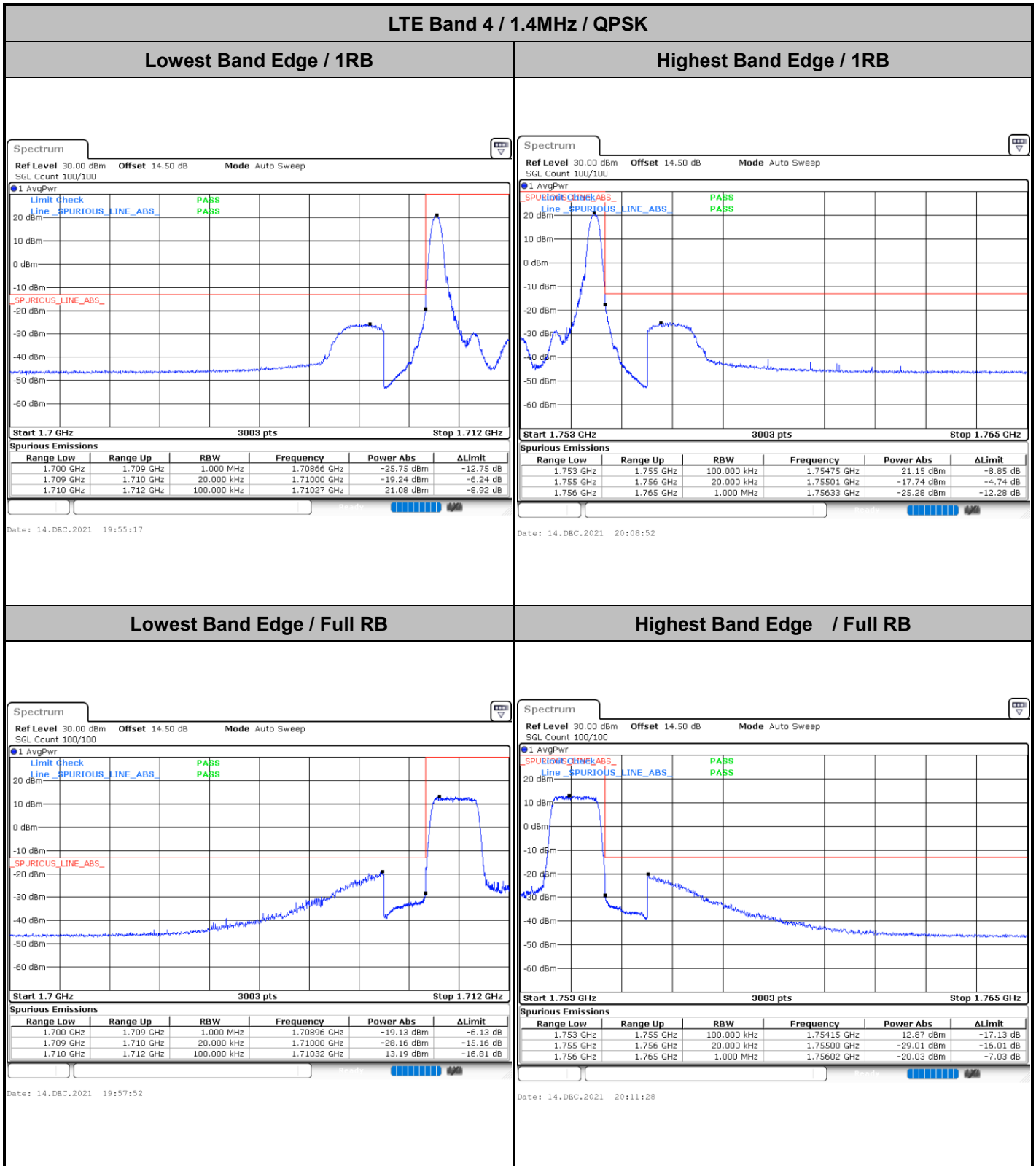
Highest Channel / 20MHz / 64QAM



Date: 14. DEC. 2021 19:13:05



# Conducted Band Edge

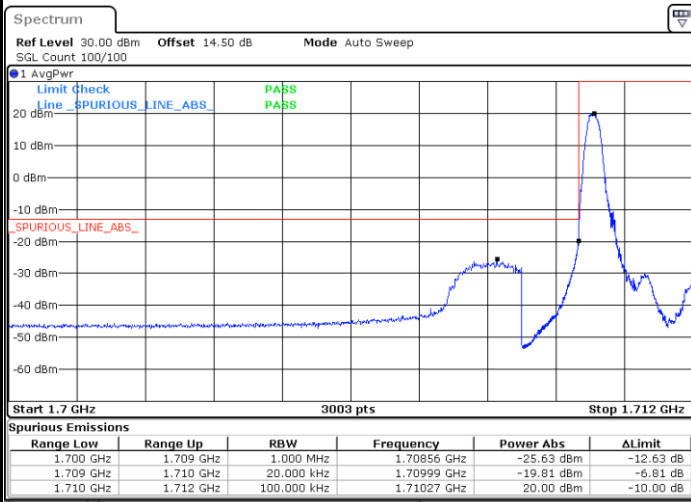




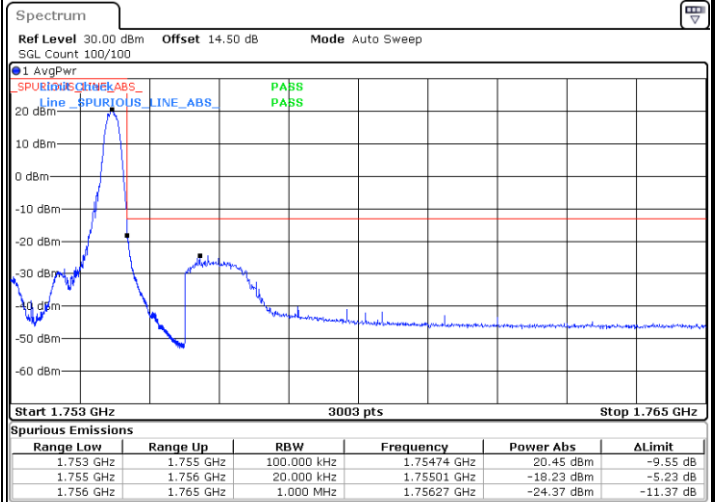
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



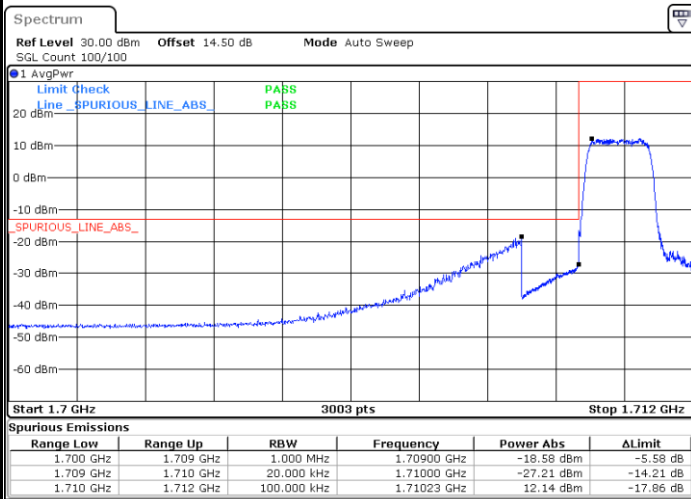
Date: 14.DEC.2021 19:56:34



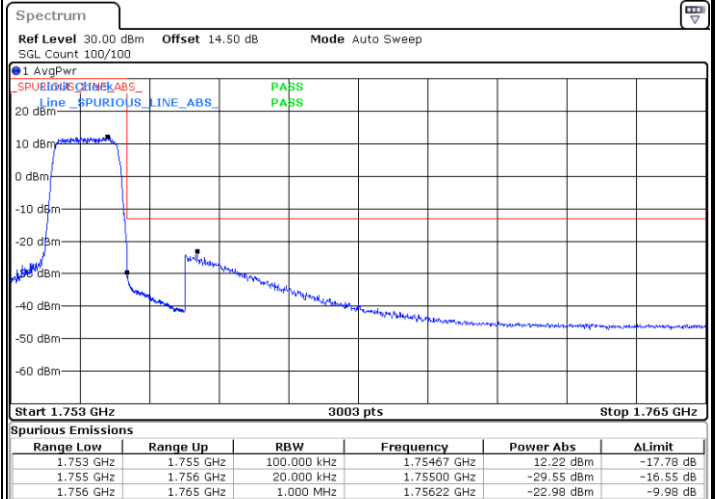
Date: 14.DEC.2021 20:10:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 14.DEC.2021 19:59:10

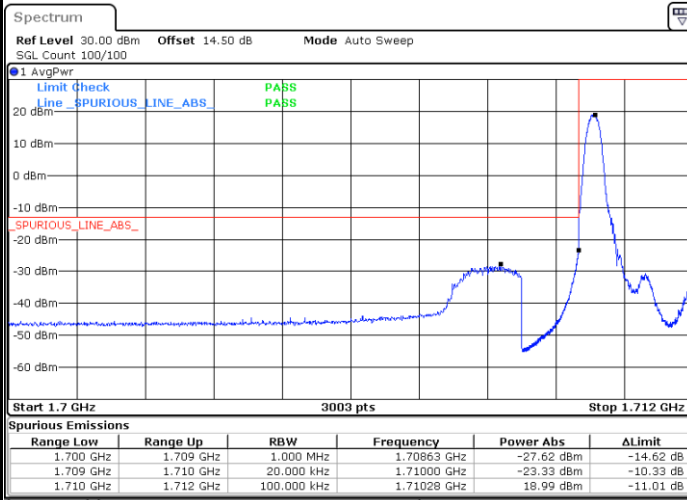


Date: 14.DEC.2021 20:12:46



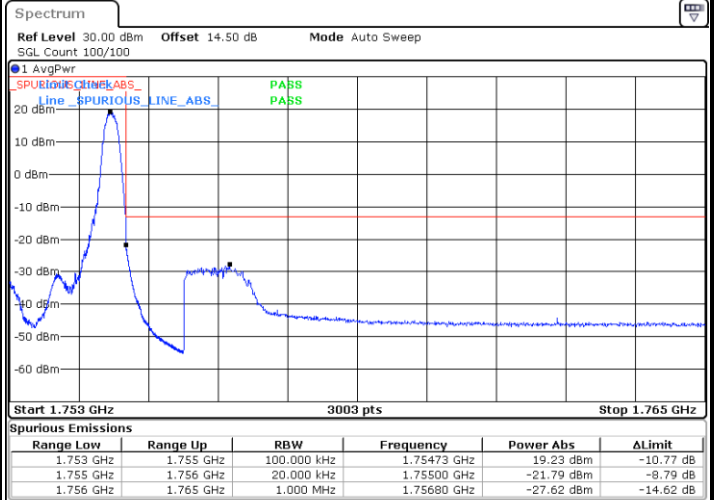
LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



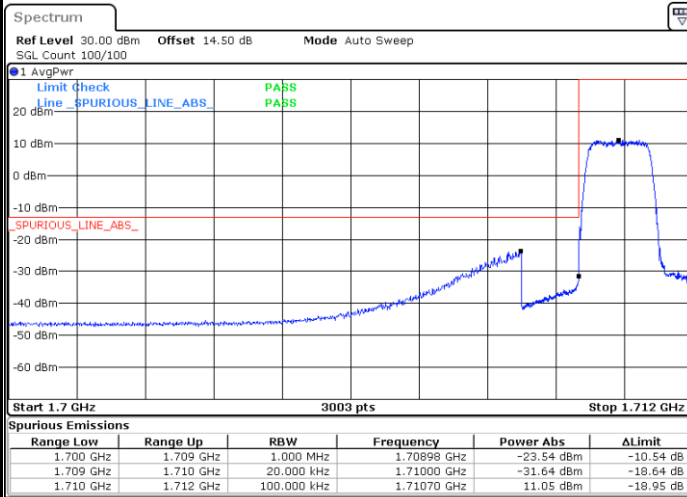
Date: 14.DEC.2021 19:43:14

Highest Band Edge / 1 RB



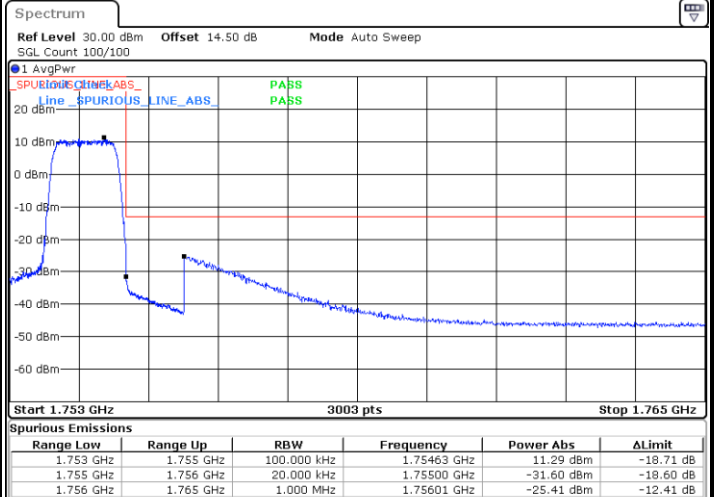
Date: 14.DEC.2021 19:49:46

Lowest Band Edge / Full RB



Date: 14.DEC.2021 19:44:33

Highest Band Edge / Full RB



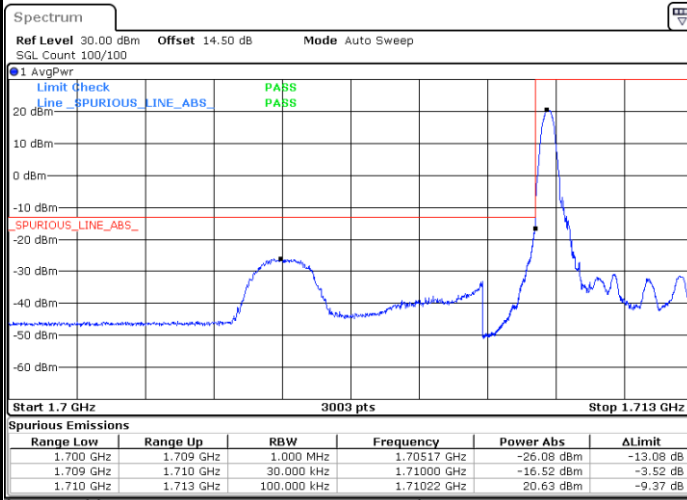
Date: 14.DEC.2021 19:51:04





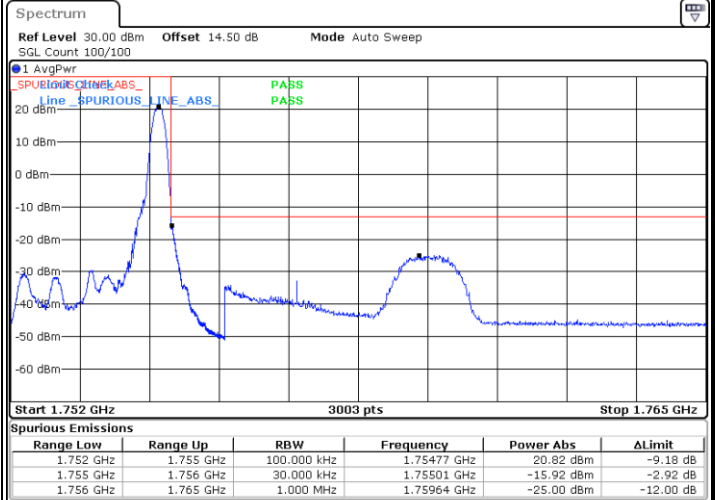
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



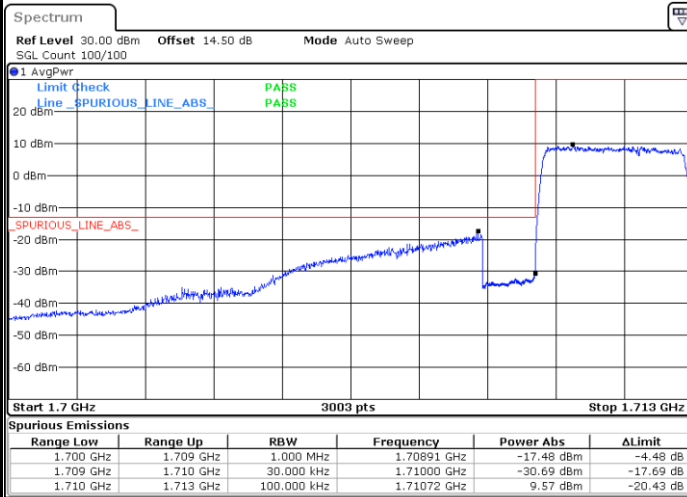
Date: 14.DEC.2021 14:13:17

Highest Band Edge / 1 RB



Date: 14.DEC.2021 14:26:55

Lowest Band Edge / Full RB



Date: 14.DEC.2021 14:15:54

Highest Band Edge / Full RB

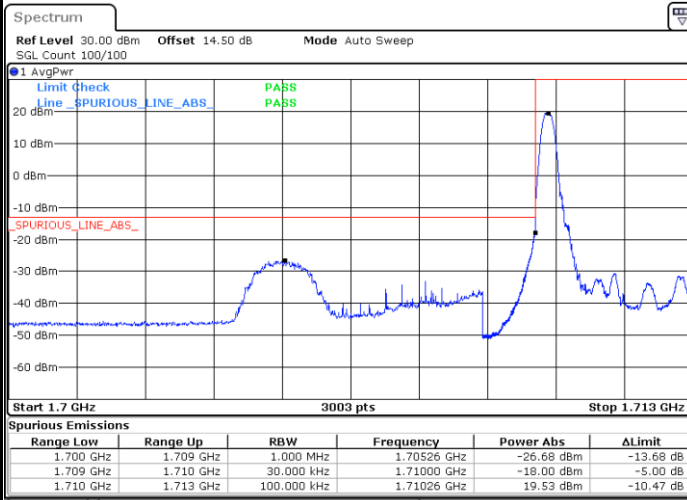


Date: 17.DEC.2021 08:20:20



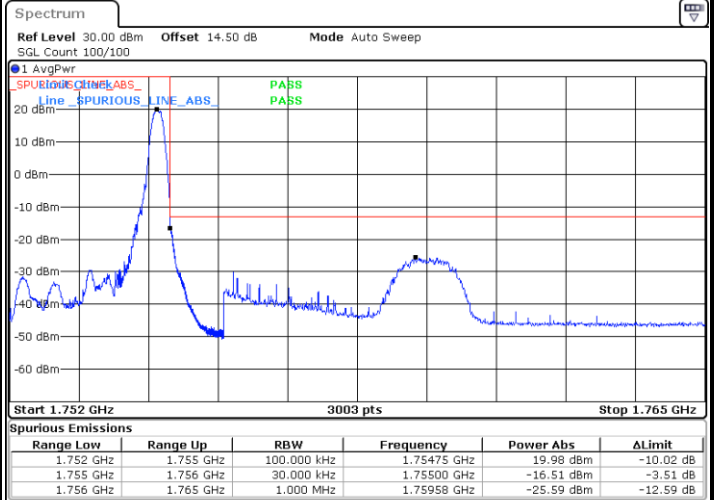
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



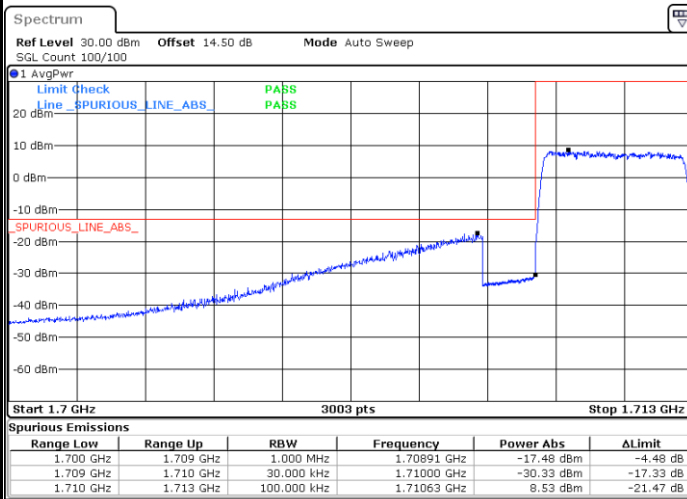
Date: 14.DEC.2021 14:14:35

Highest Band Edge / 1 RB



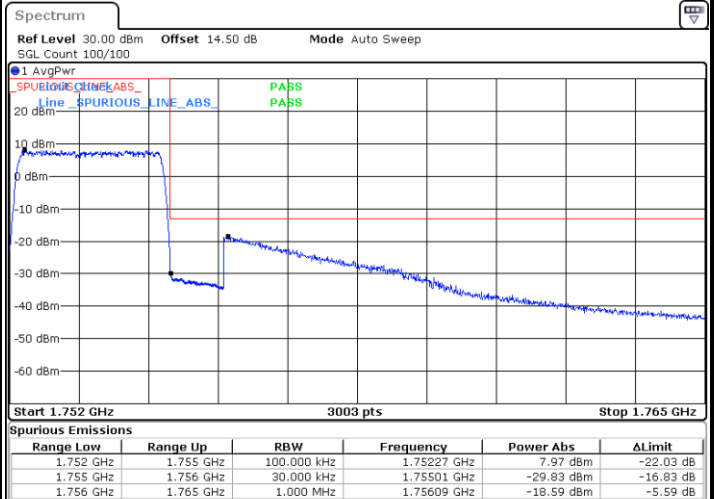
Date: 14.DEC.2021 14:28:13

Lowest Band Edge / Full RB



Date: 14.DEC.2021 14:17:13

Highest Band Edge / Full RB

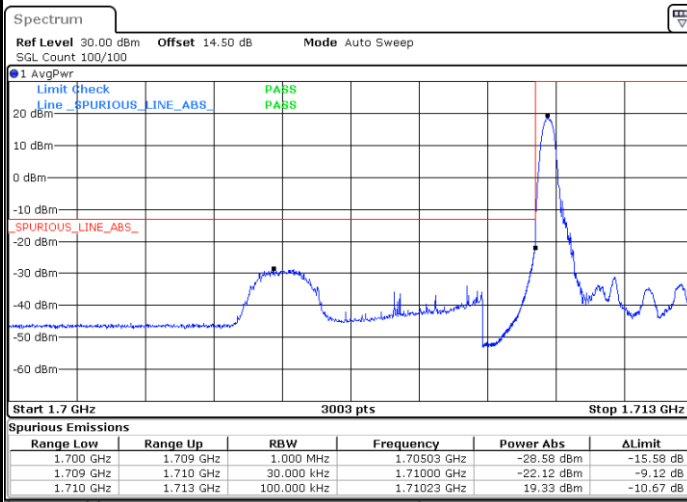


Date: 14.DEC.2021 14:32:27



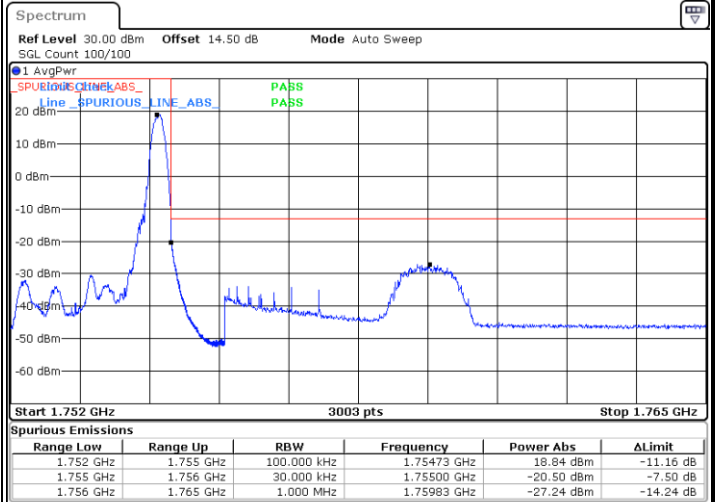
LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



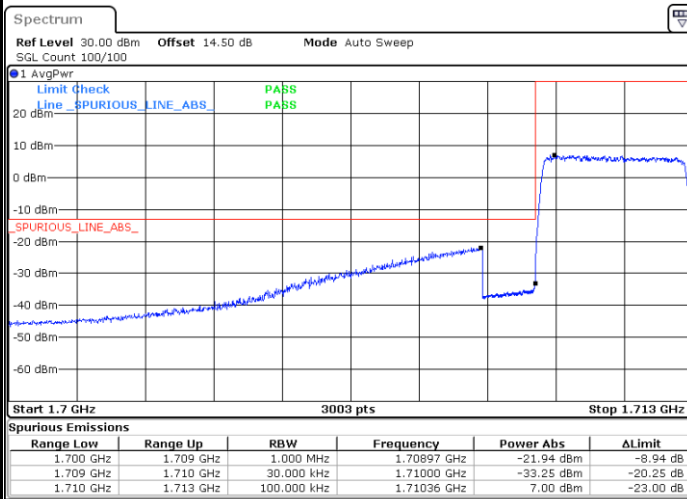
Date: 14.DEC.2021 18:47:51

Highest Band Edge / 1 RB



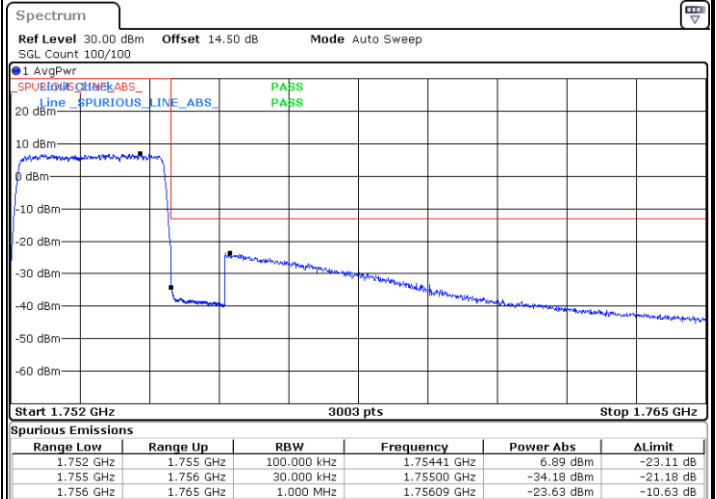
Date: 14.DEC.2021 18:54:21

Lowest Band Edge / Full RB



Date: 14.DEC.2021 18:49:08

Highest Band Edge / Full RB

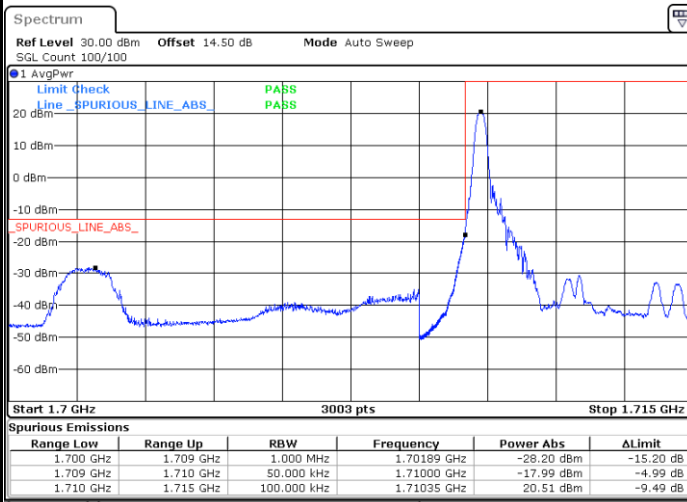


Date: 14.DEC.2021 18:55:39



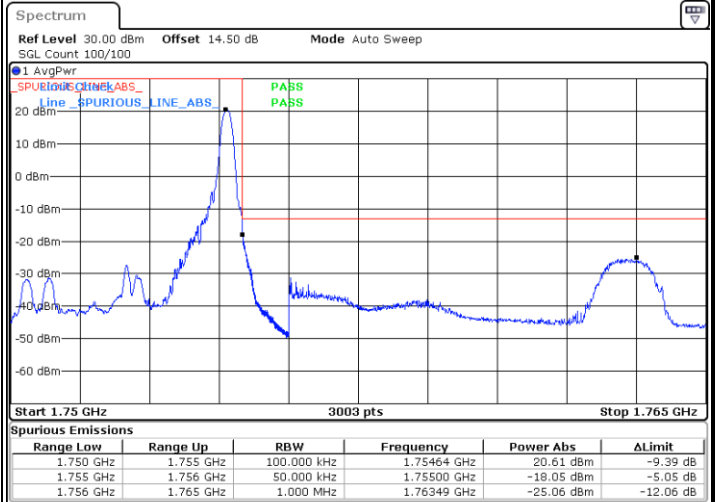
LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB



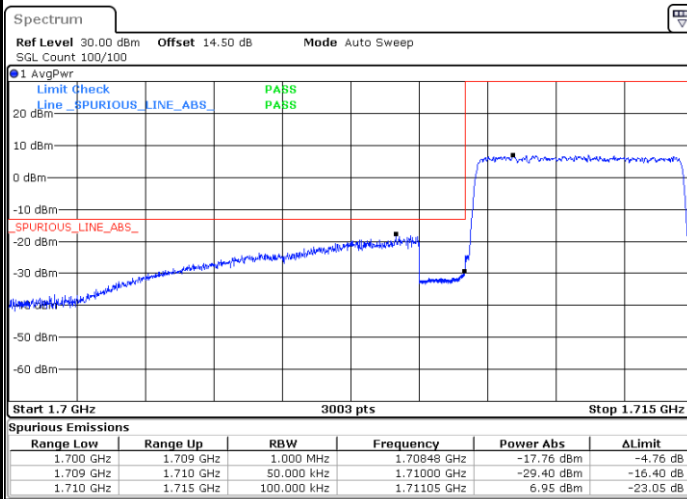
Date: 14.DEC.2021 14:38:00

Highest Band Edge / 1 RB



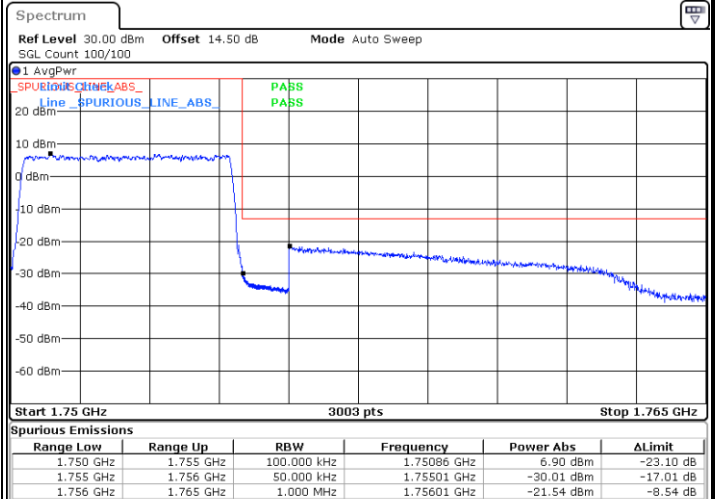
Date: 14.DEC.2021 14:51:37

Lowest Band Edge / Full RB



Date: 14.DEC.2021 14:40:35

Highest Band Edge / Full RB

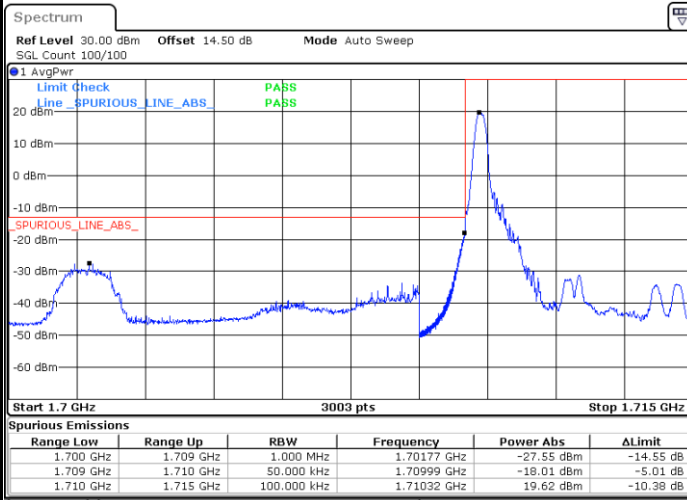


Date: 14.DEC.2021 14:54:12



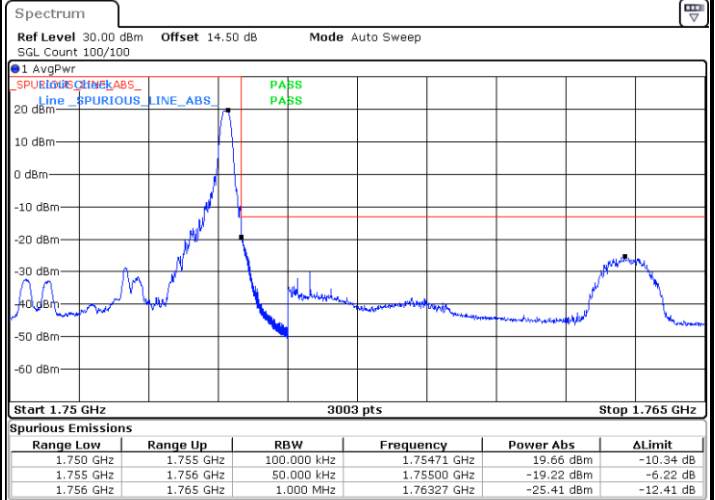
LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB



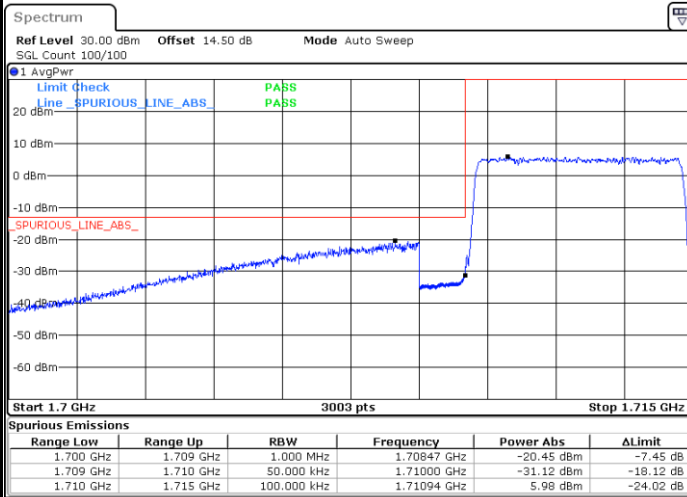
Date: 14.DEC.2021 14:39:17

Highest Band Edge / 1 RB



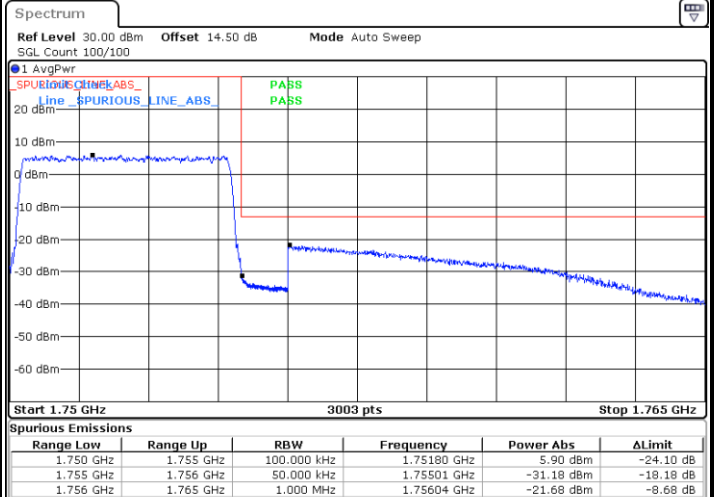
Date: 14.DEC.2021 14:52:55

Lowest Band Edge / Full RB



Date: 14.DEC.2021 14:41:53

Highest Band Edge / Full RB

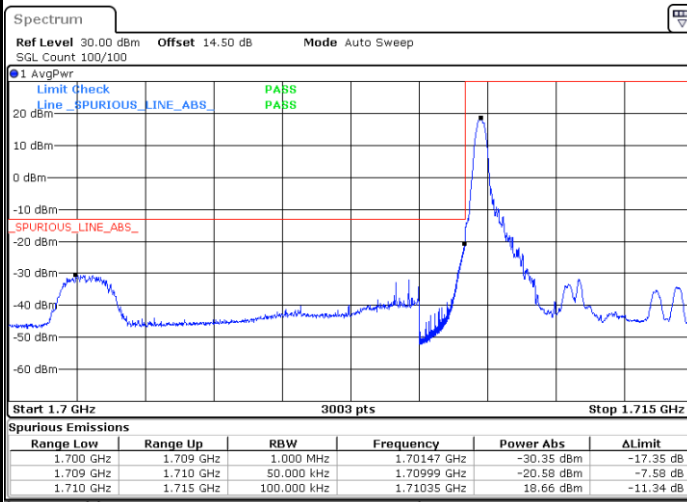


Date: 14.DEC.2021 14:55:30



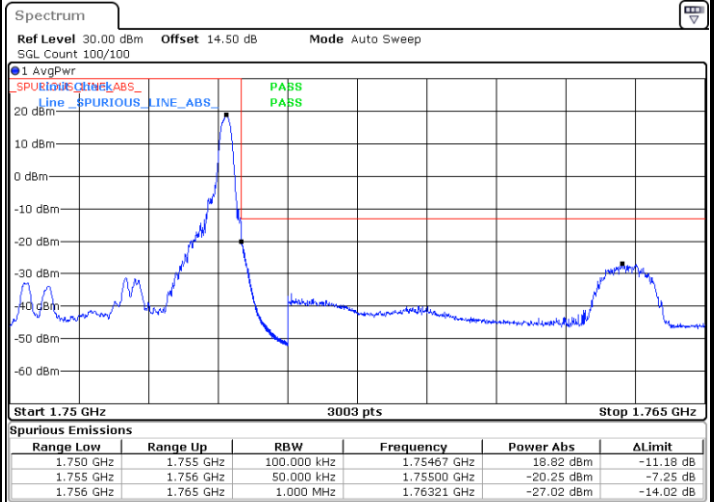
LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / 1RB



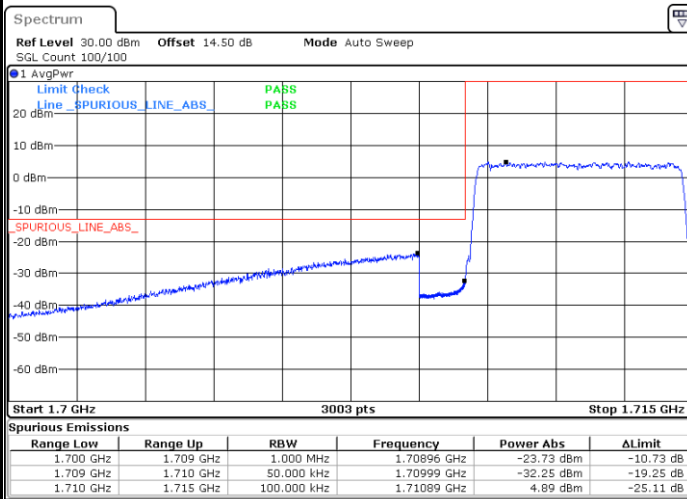
Date: 14.DEC.2021 18:58:55

Highest Band Edge / 1 RB



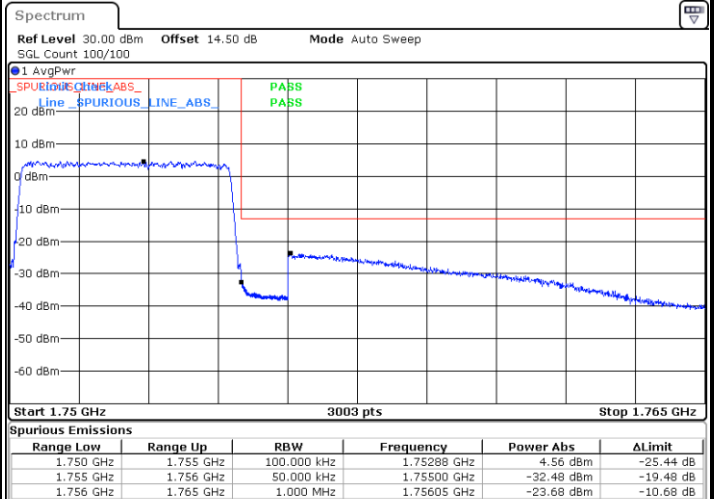
Date: 14.DEC.2021 19:05:26

Lowest Band Edge / Full RB



Date: 14.DEC.2021 19:00:13

Highest Band Edge / Full RB

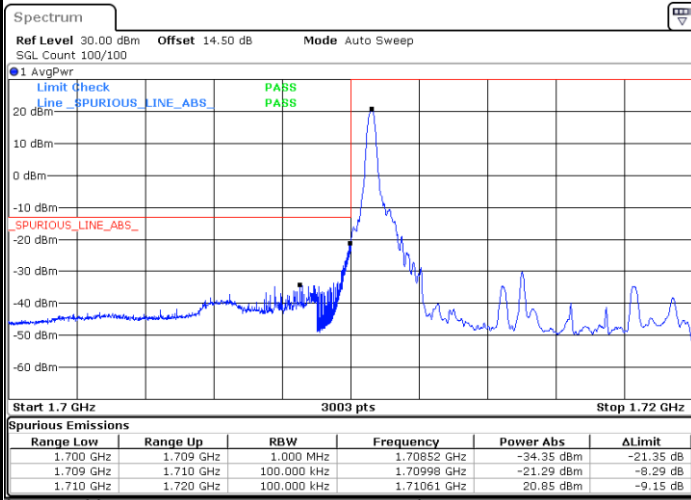


Date: 14.DEC.2021 19:06:44



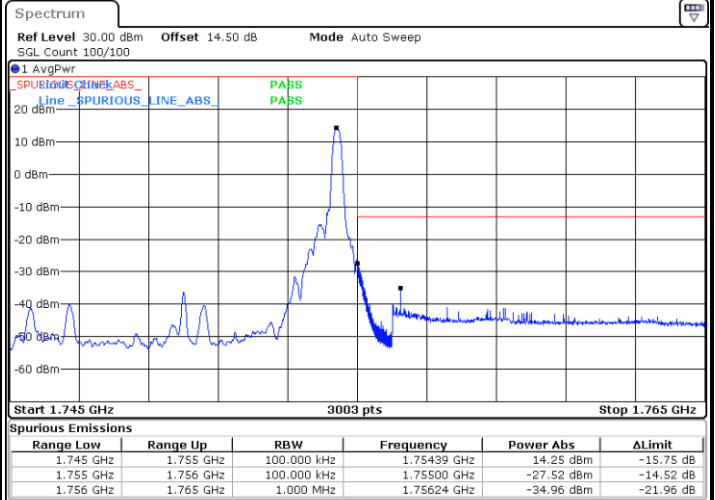
LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB



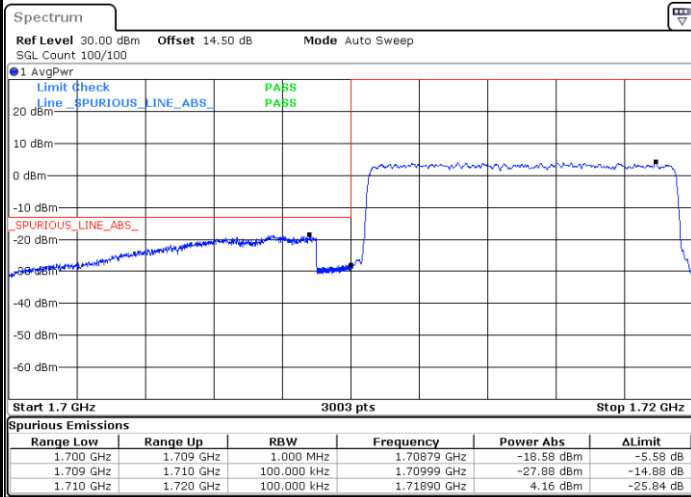
Date: 14.DEC.2021 15:01:02

Highest Band Edge / 1 RB



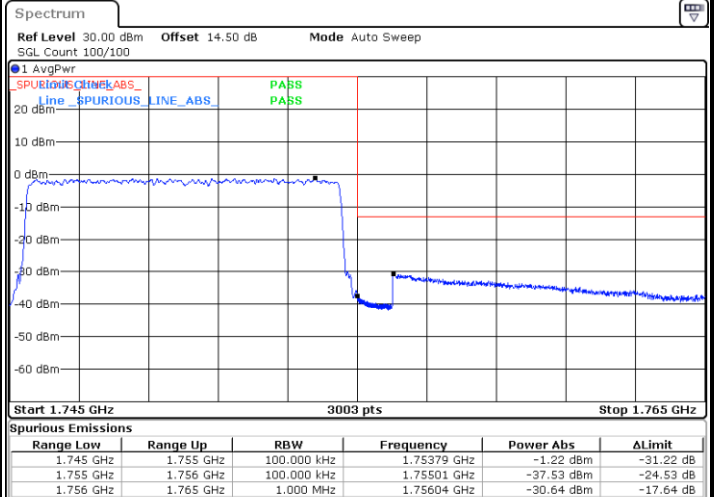
Date: 14.DEC.2021 15:14:36

Lowest Band Edge / Full RB

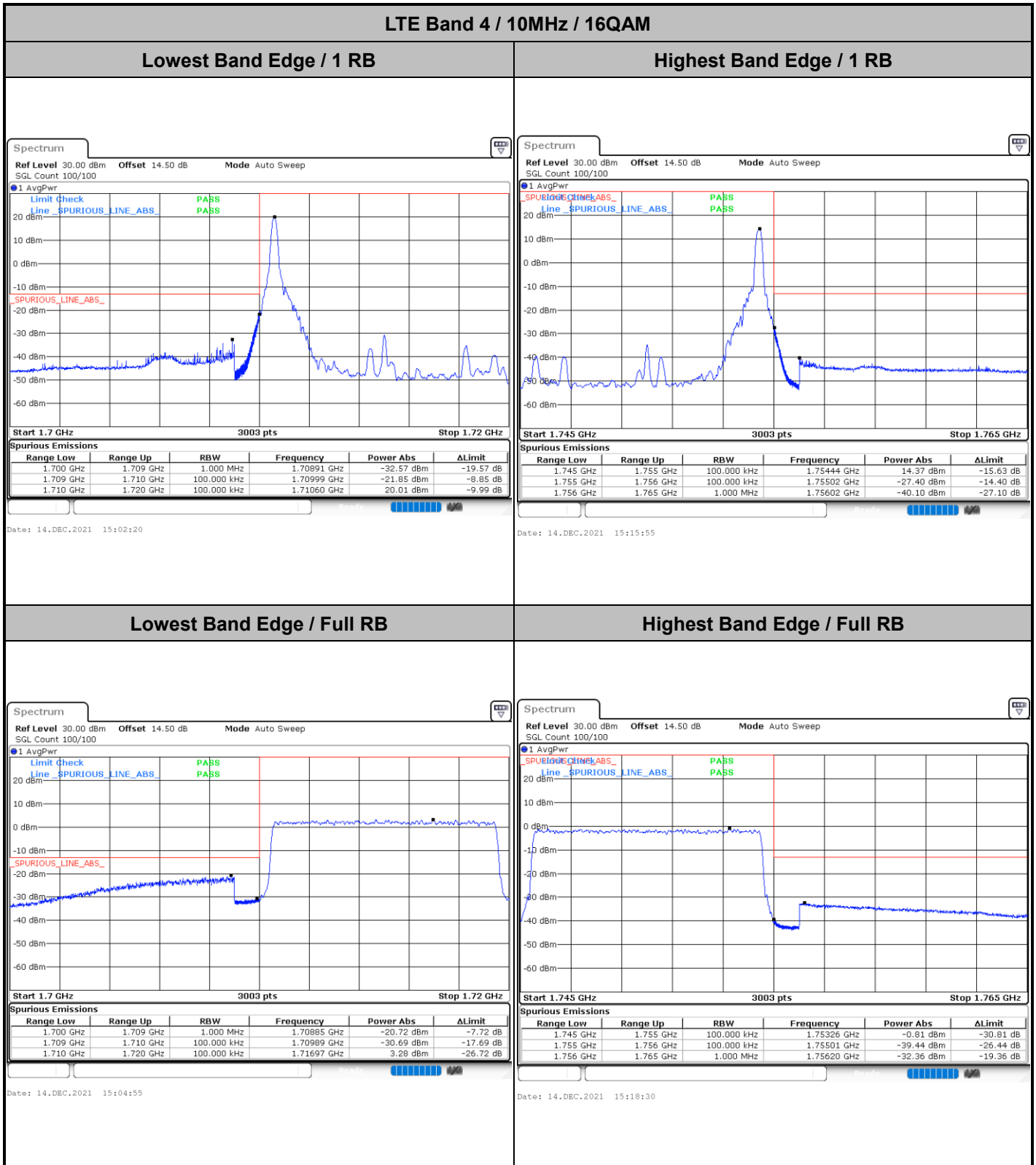


Date: 14.DEC.2021 15:03:38

Highest Band Edge / Full RB



Date: 14.DEC.2021 15:17:12

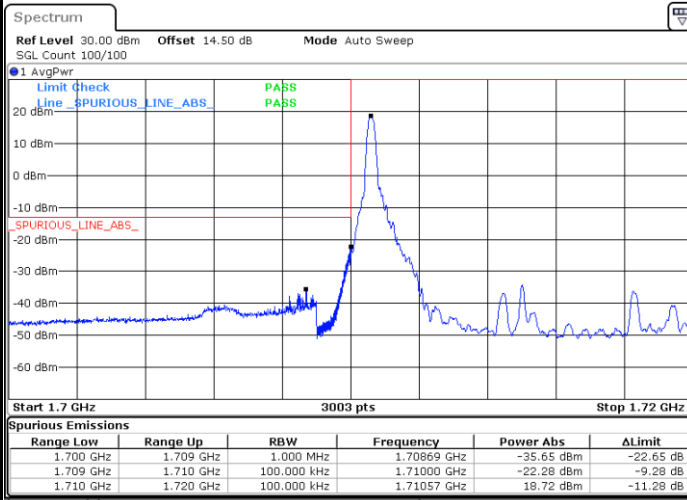






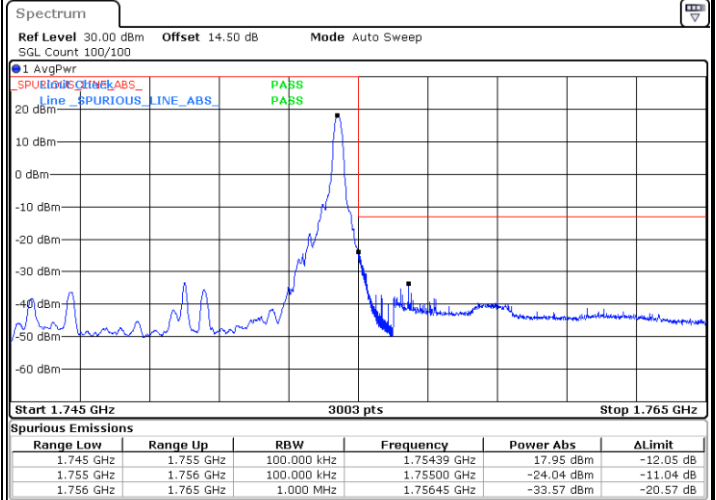
LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



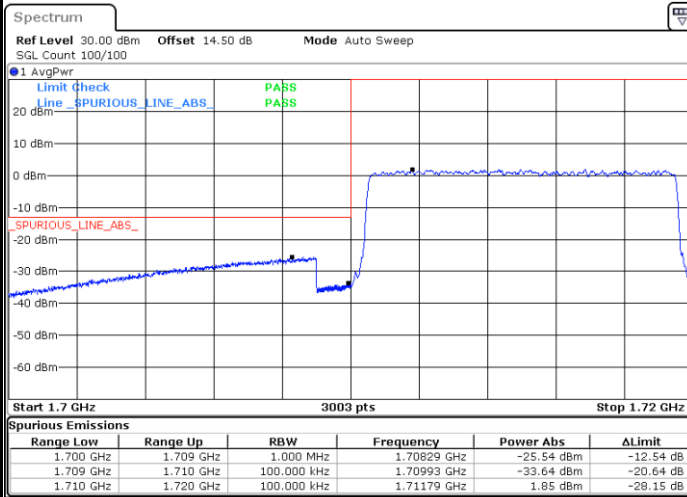
Date: 14.DEC.2021 19:09:59

Highest Band Edge / 1 RB



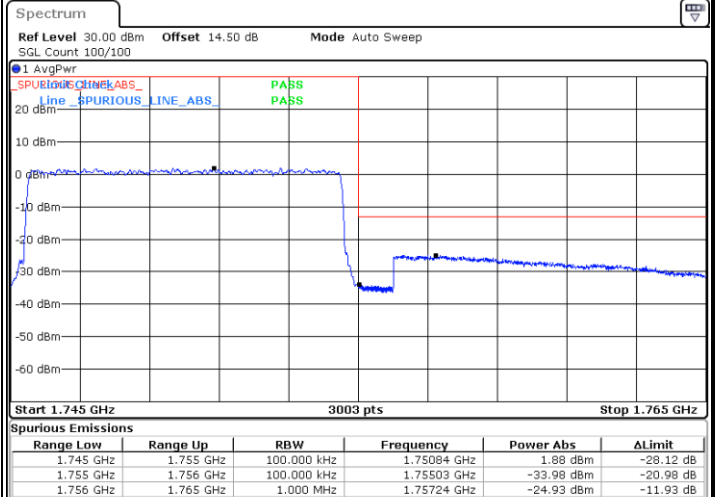
Date: 14.DEC.2021 19:16:29

Lowest Band Edge / Full RB



Date: 14.DEC.2021 19:11:17

Highest Band Edge / Full RB



Date: 14.DEC.2021 19:17:46