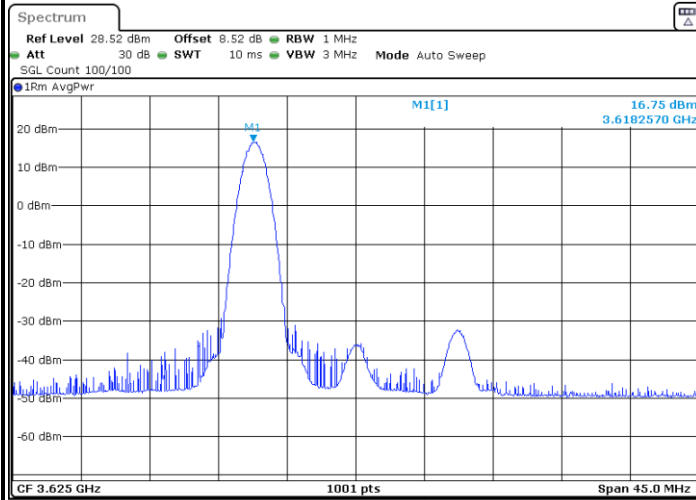




LTE Band 48 / 15MHz

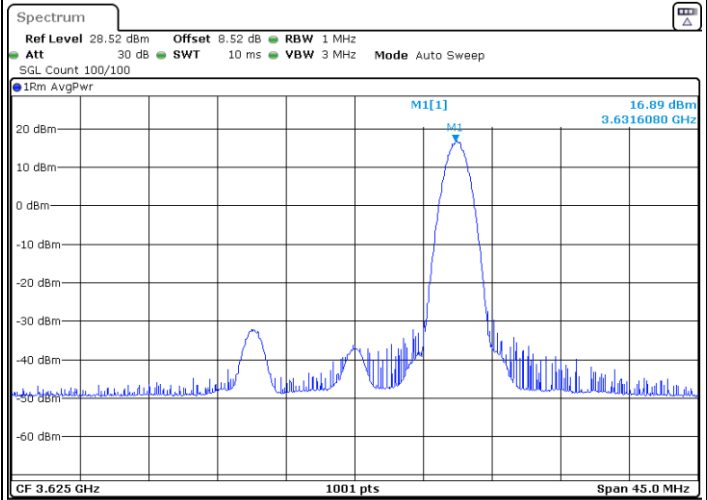
256QAM

Middle Channel / 1RB0



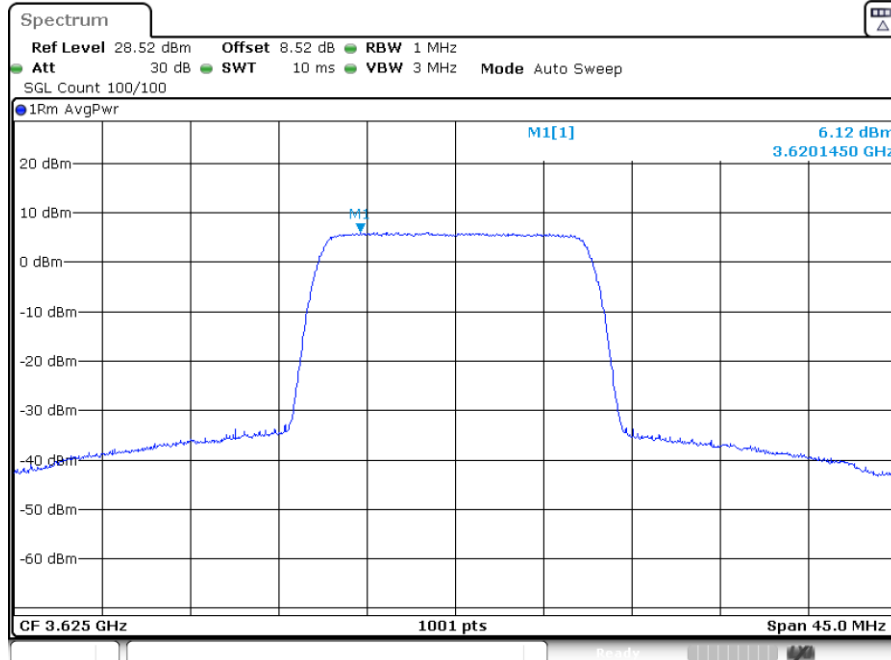
Date: 19.MAY.2023 10:12:55

Middle Channel / 1RBmax



Date: 19.MAY.2023 10:13:24

Middle Channel / Full RB



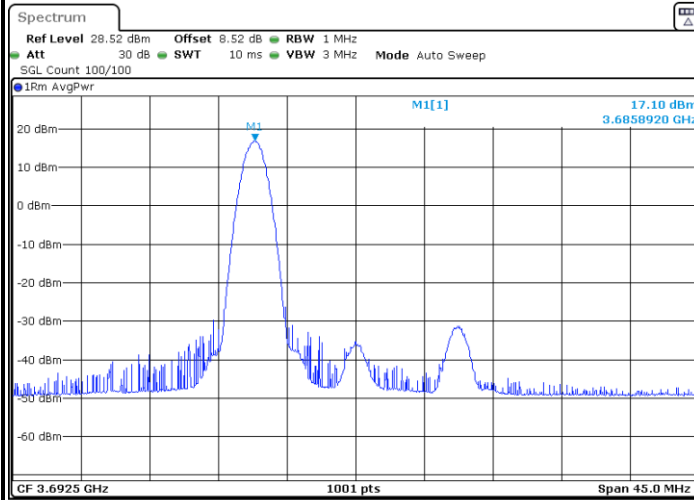
Date: 19.MAY.2023 10:16:46



LTE Band 48 / 15MHz

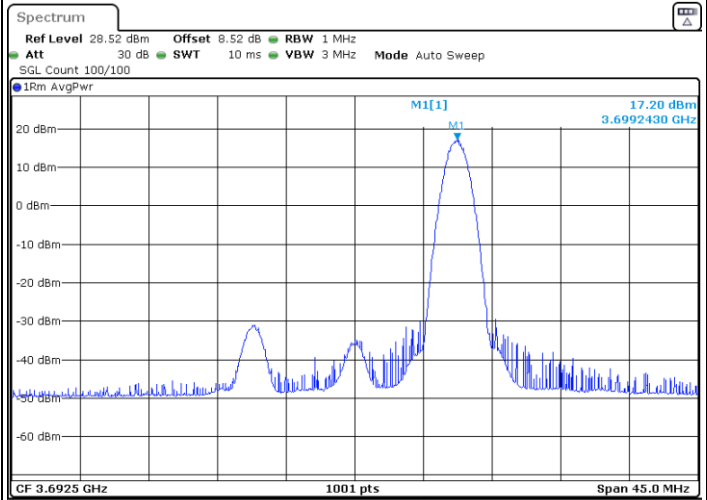
256QAM

Highest Channel / 1RB0



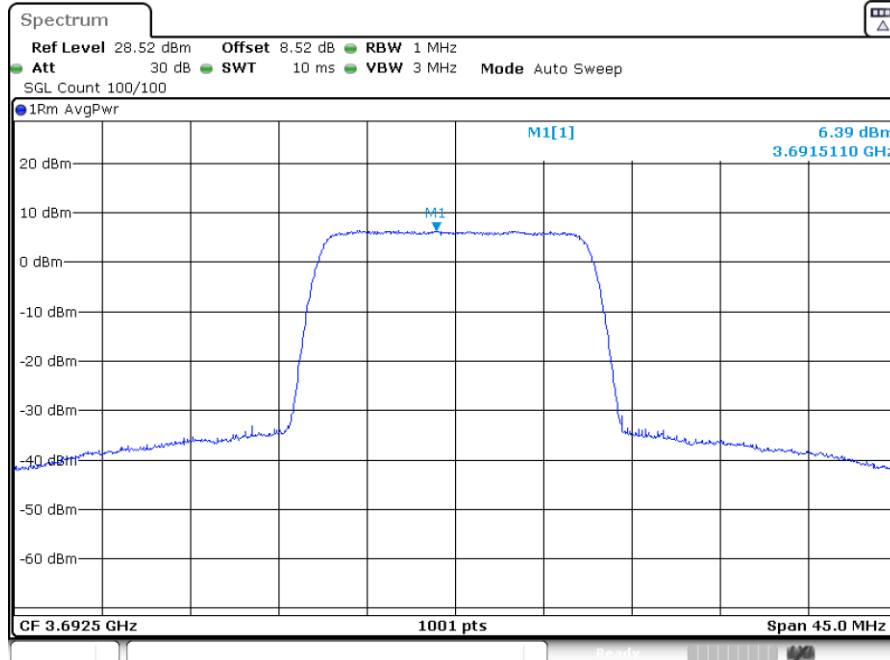
Date: 19.MAY.2023 10:18:44

Highest Channel / 1RBmax



Date: 19.MAY.2023 10:19:37

Highest Channel / Full RB



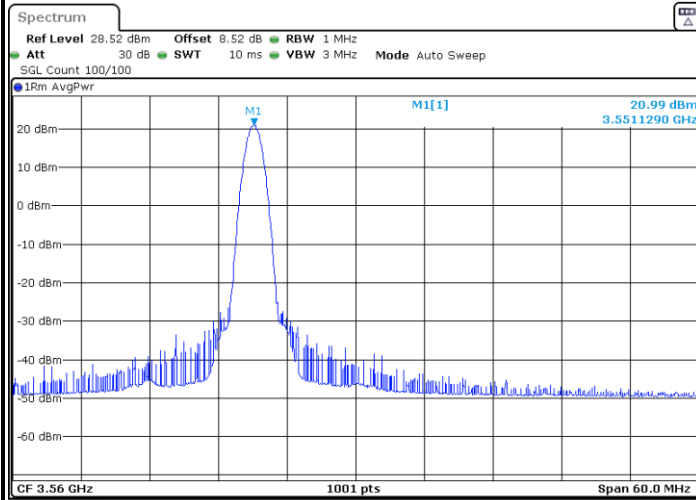
Date: 19.MAY.2023 10:23:04



LTE Band 48 / 20MHz

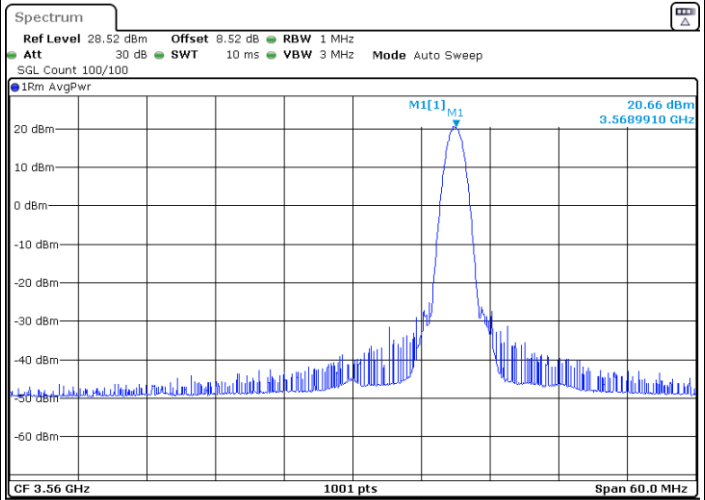
QPSK

Lowest Channel / 1RB0



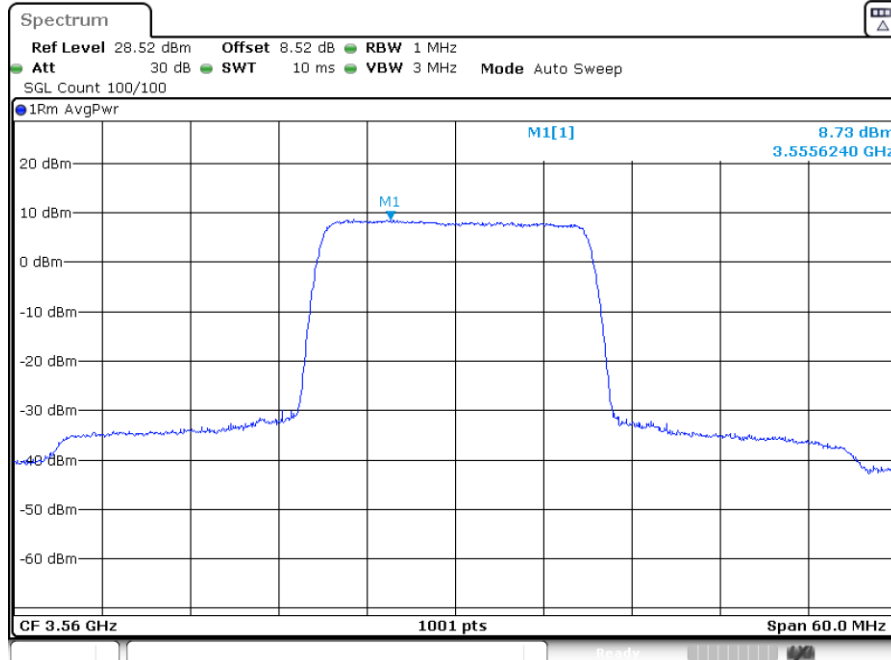
Date: 19.MAY.2023 10:23:53

Lowest Channel / 1RBmax



Date: 19.MAY.2023 10:27:43

Lowest Channel / Full RB



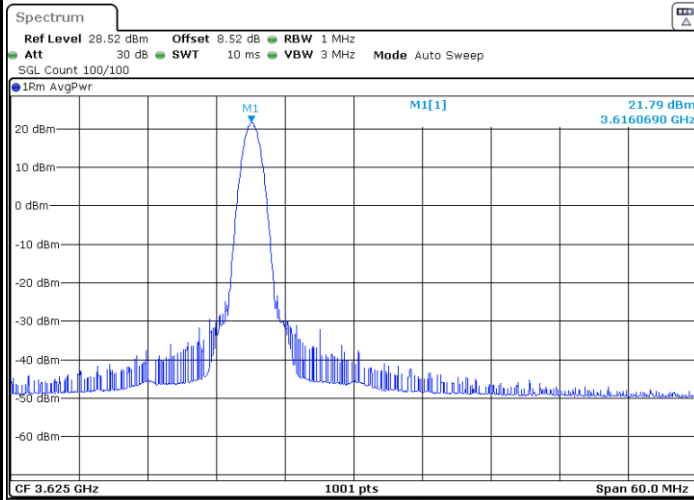
Date: 19.MAY.2023 10:28:13



LTE Band 48 / 20MHz

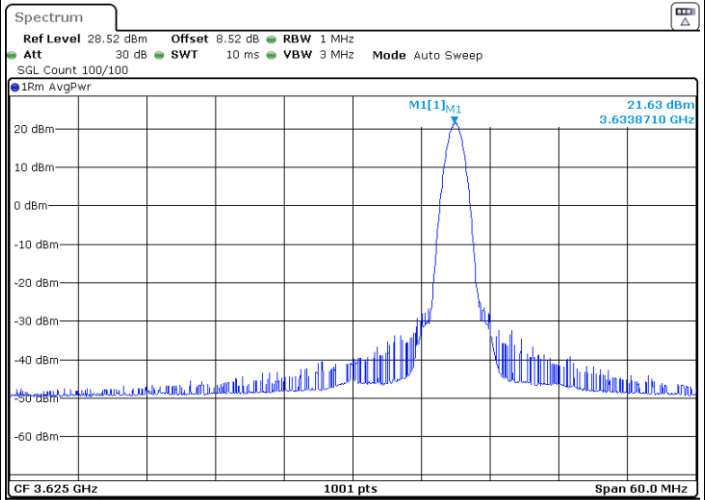
QPSK

Middle Channel / 1RB0



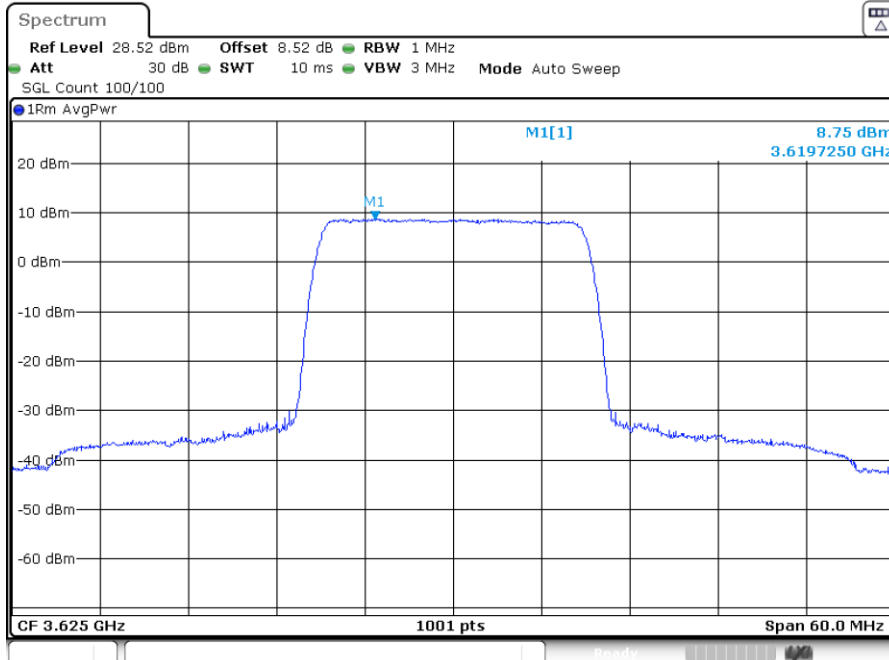
Date: 19.MAY.2023 10:31:04

Middle Channel / 1RBmax



Date: 19.MAY.2023 10:34:26

Middle Channel / Full RB



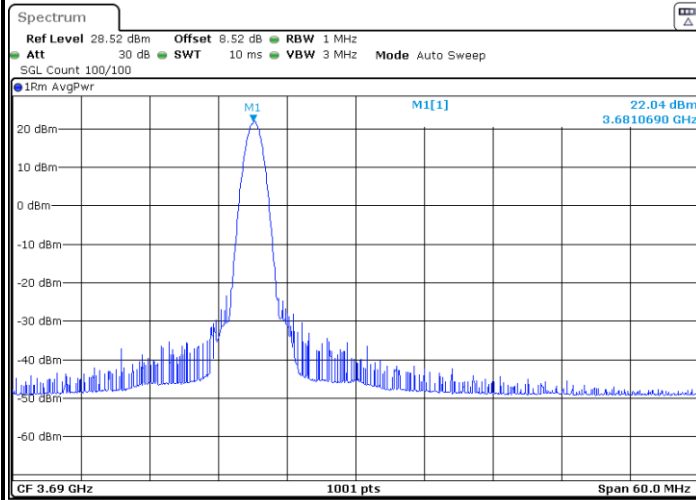
Date: 19.MAY.2023 10:34:55



LTE Band 48 / 20MHz

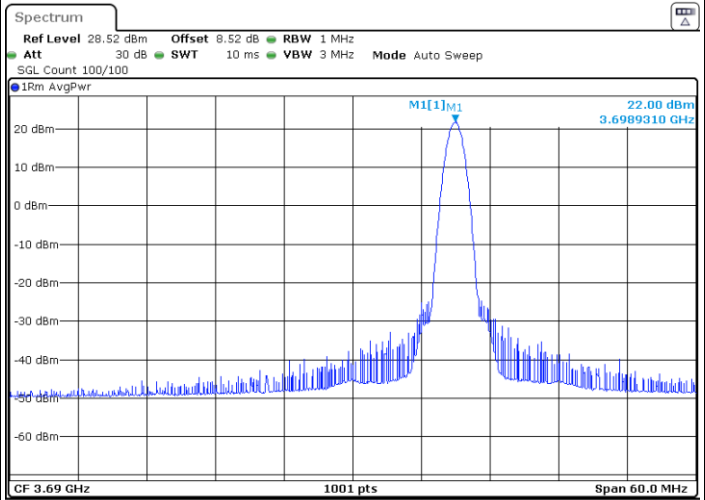
QPSK

Highest Channel / 1RB0



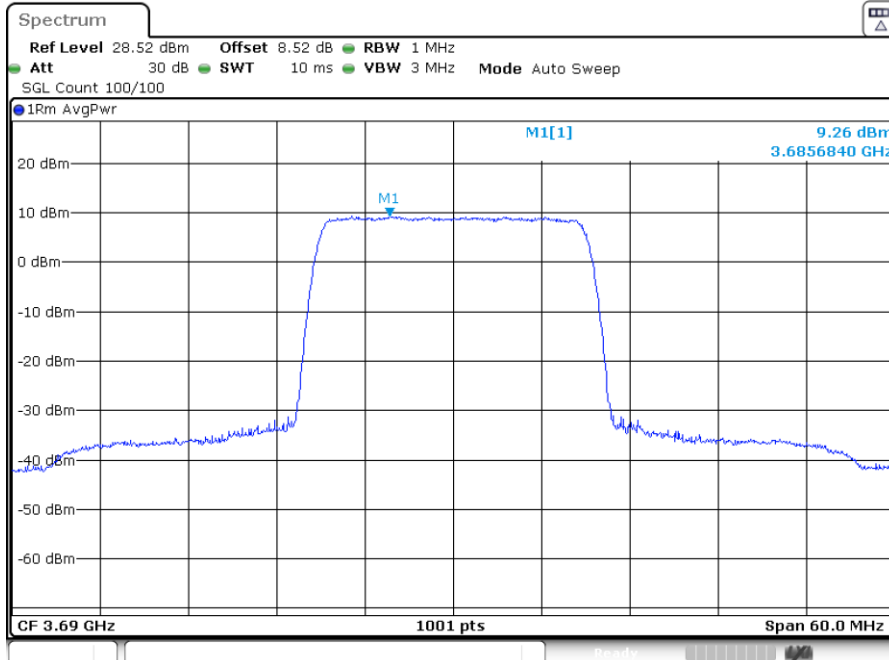
Date: 19.MAY.2023 10:36:50

Highest Channel / 1RBmax



Date: 19.MAY.2023 10:40:41

Highest Channel / Full RB



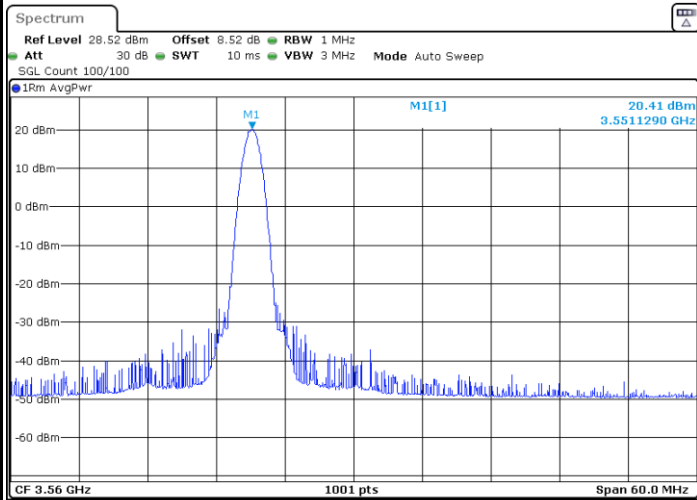
Date: 19.MAY.2023 10:41:10



LTE Band 48 / 20MHz

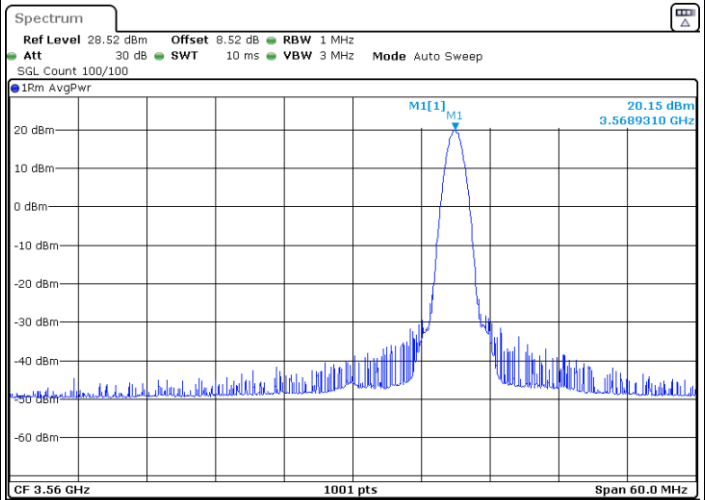
16QAM

Lowest Channel / 1RB0



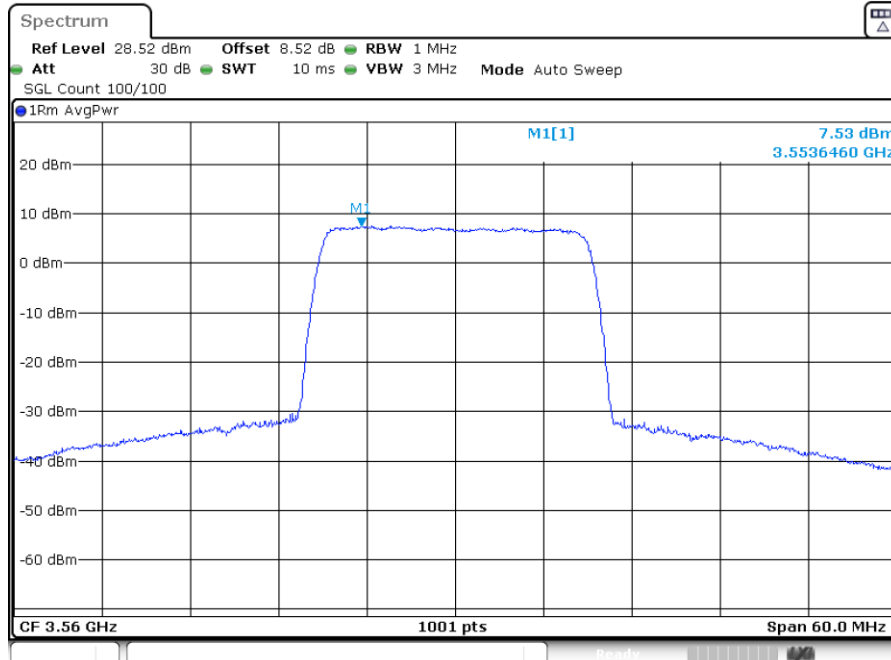
Date: 19.MAY.2023 10:24:23

Lowest Channel / 1RBmax



Date: 19.MAY.2023 10:27:14

Lowest Channel / Full RB



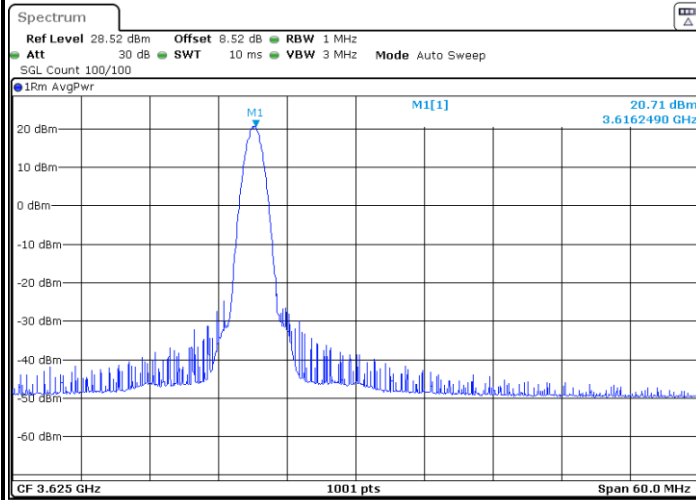
Date: 19.MAY.2023 10:28:42



LTE Band 48 / 20MHz

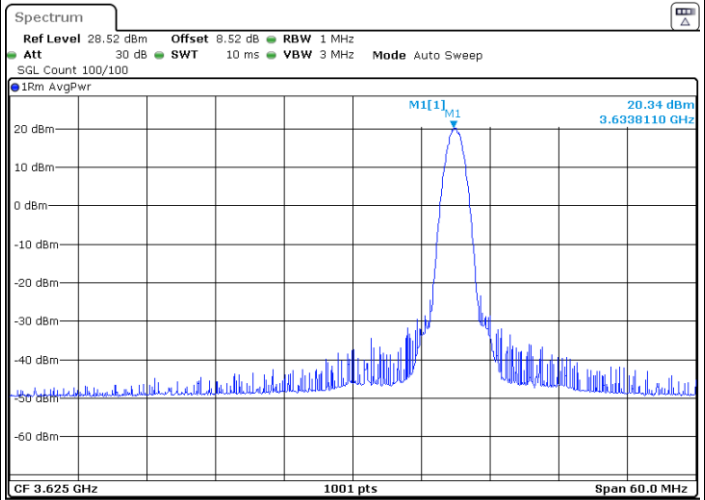
16QAM

Middle Channel / 1RB0



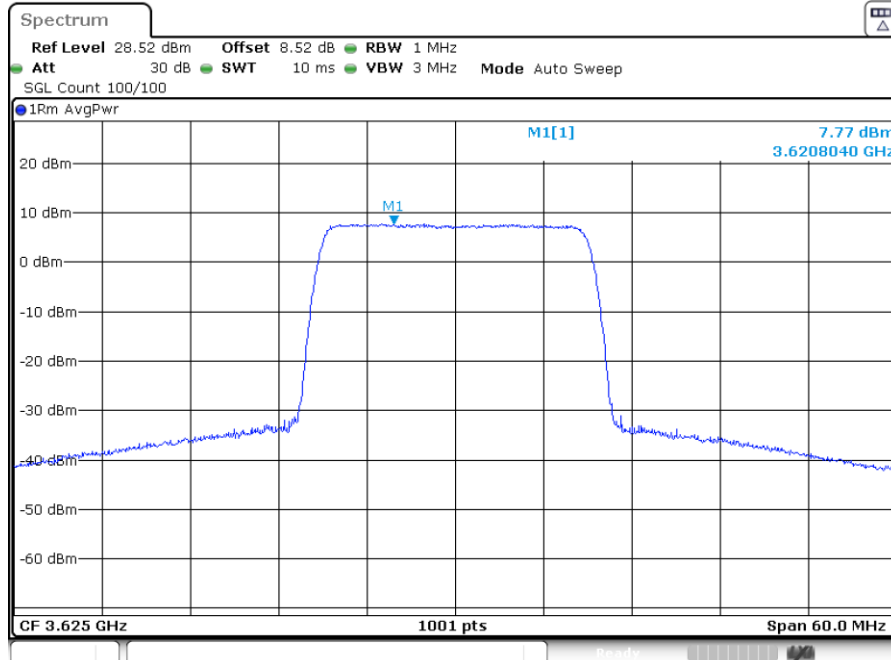
Date: 19.MAY.2023 10:31:33

Middle Channel / 1RBmax



Date: 19.MAY.2023 10:33:57

Middle Channel / Full RB



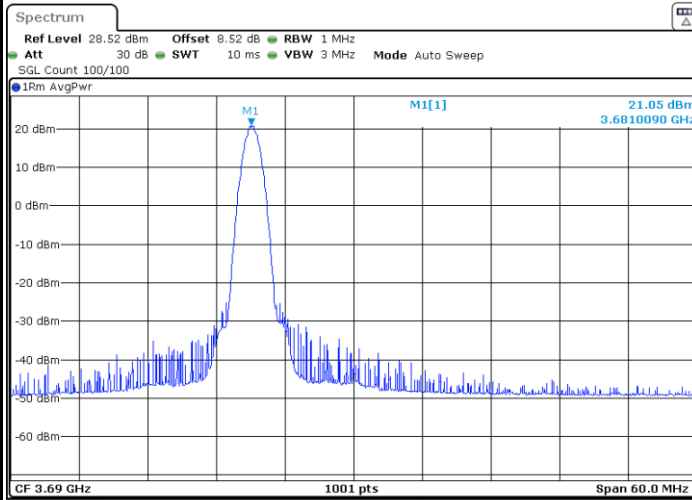
Date: 19.MAY.2023 10:35:23



LTE Band 48 / 20MHz

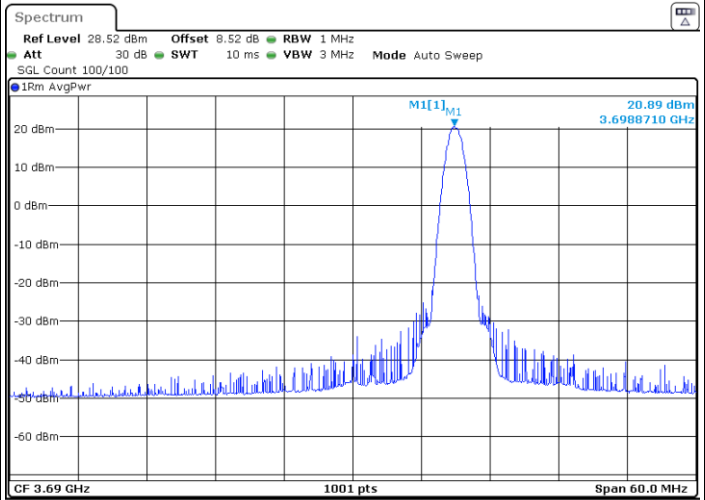
16QAM

Highest Channel / 1RB0



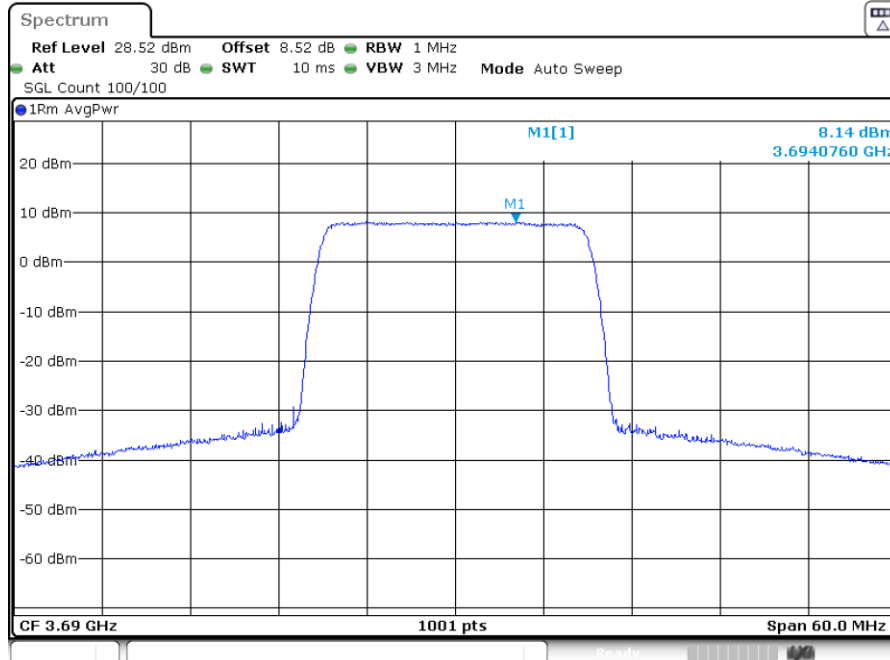
Date: 19.MAY.2023 10:37:20

Highest Channel / 1RBmax



Date: 19.MAY.2023 10:40:11

Highest Channel / Full RB



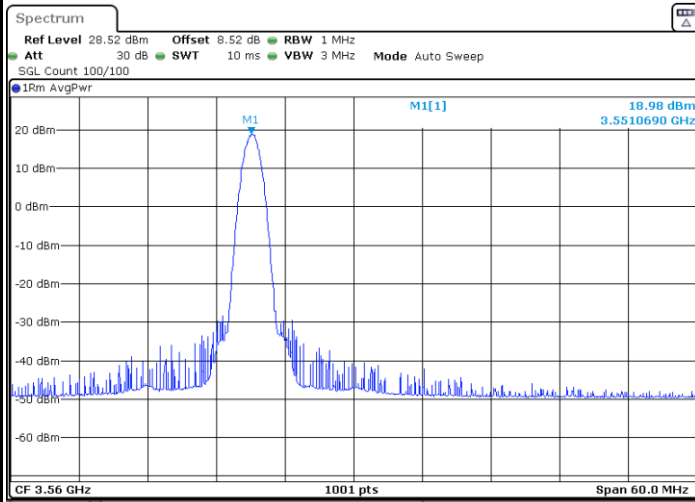
Date: 19.MAY.2023 10:41:39



LTE Band 48 / 20MHz

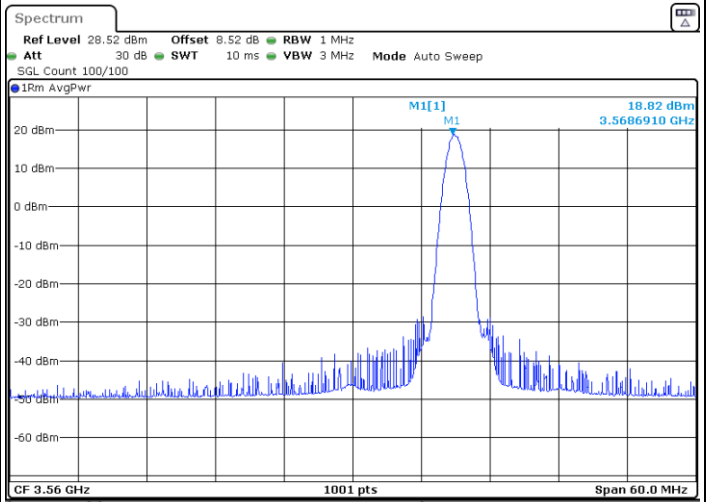
64QAM

Lowest Channel / 1RB0



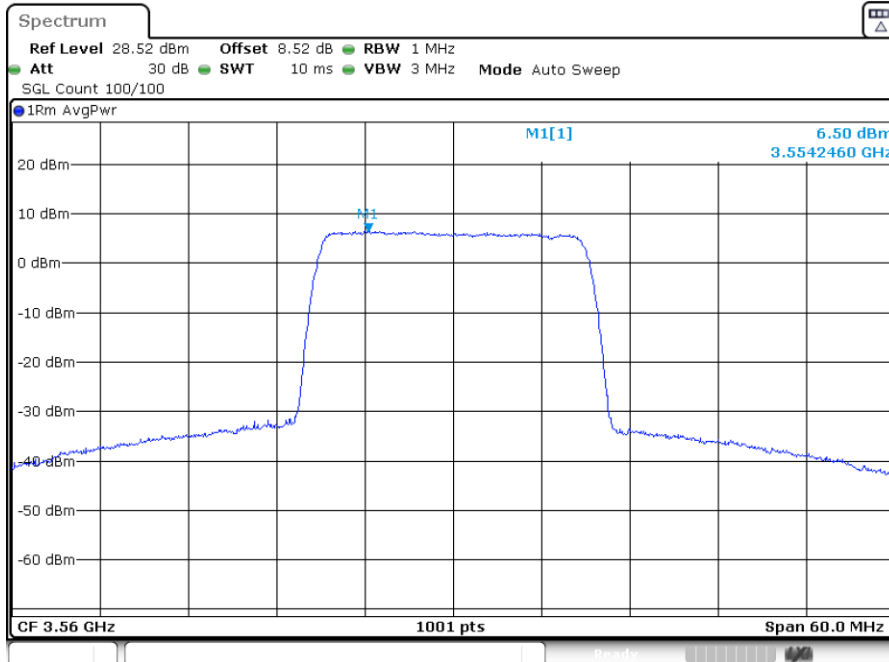
Date: 19.MAY.2023 10:24:52

Lowest Channel / 1RBmax



Date: 19.MAY.2023 10:26:44

Lowest Channel / Full RB



Date: 19.MAY.2023 10:29:12

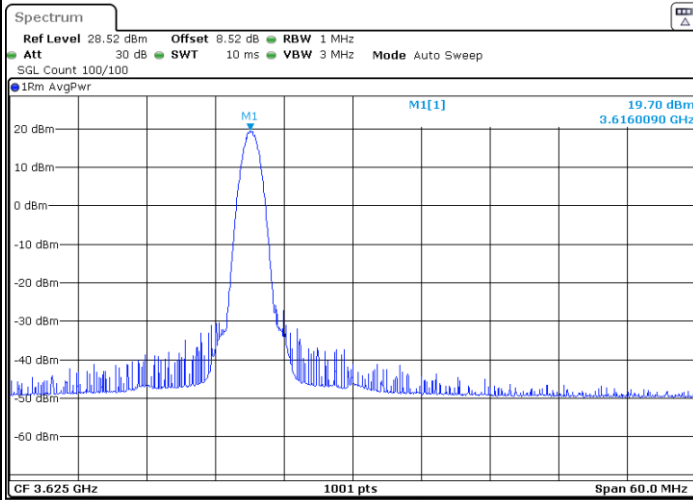


LTE Band 48 / 20MHz

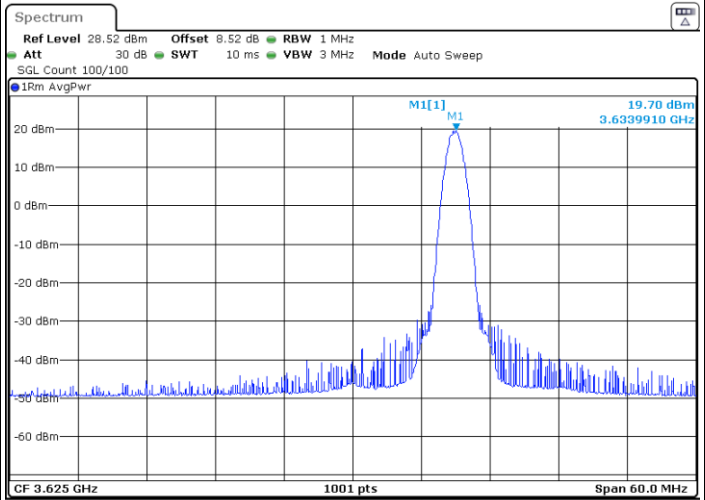
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

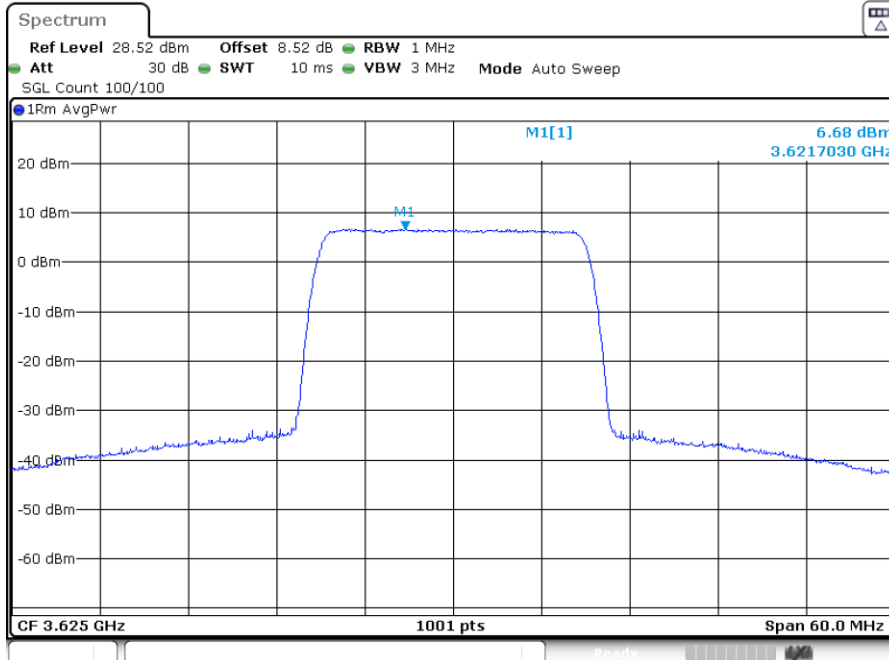


Date: 19.MAY.2023 10:32:02



Date: 19.MAY.2023 10:33:28

Middle Channel / Full RB



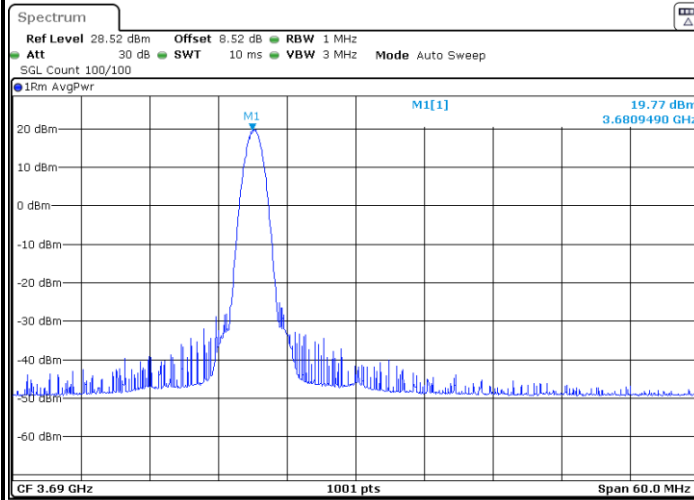
Date: 19.MAY.2023 10:35:52



LTE Band 48 / 20MHz

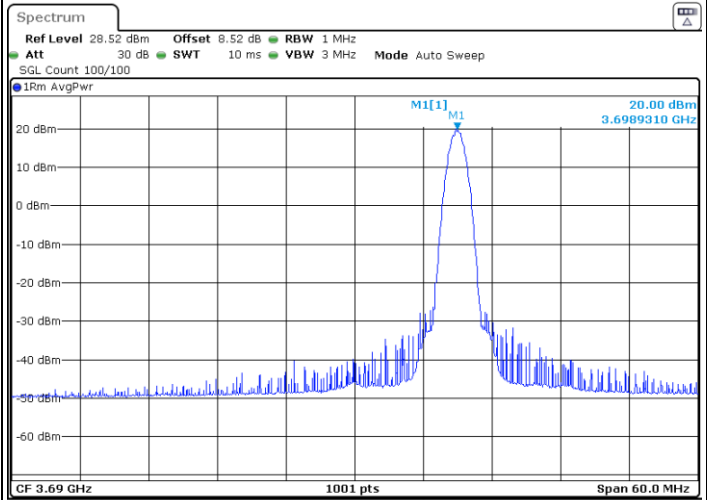
64QAM

Highest Channel / 1RB0



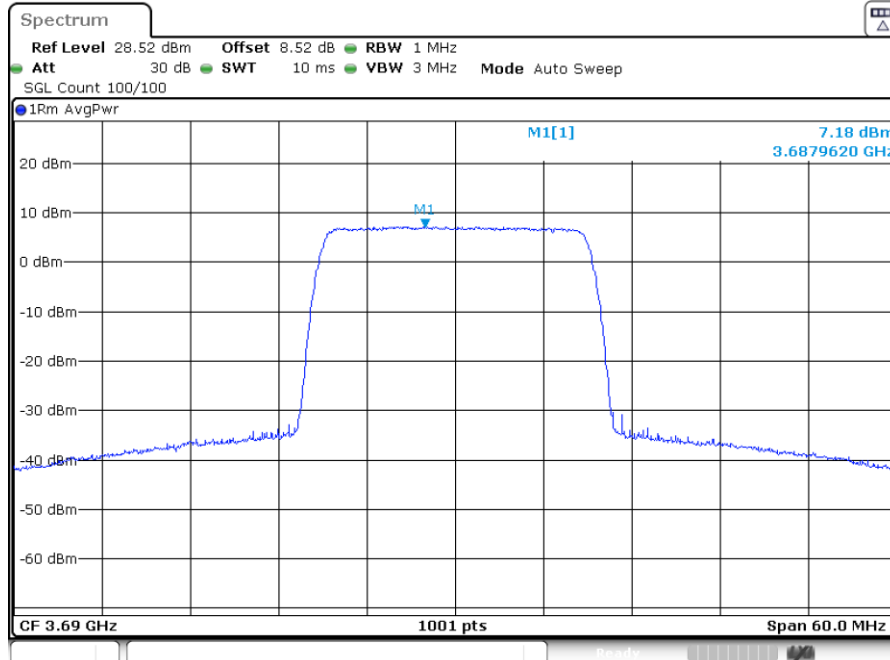
Date: 19.MAY.2023 10:37:49

Highest Channel / 1RBmax



Date: 19.MAY.2023 10:39:42

Highest Channel / Full RB



Date: 19.MAY.2023 10:42:09

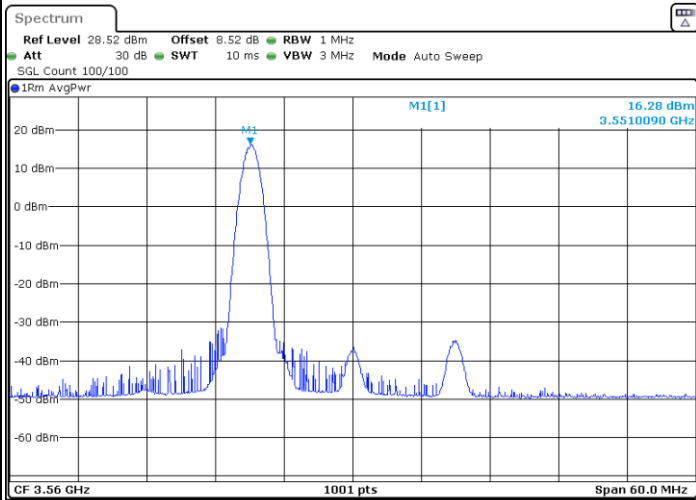


LTE Band 48 / 20MHz

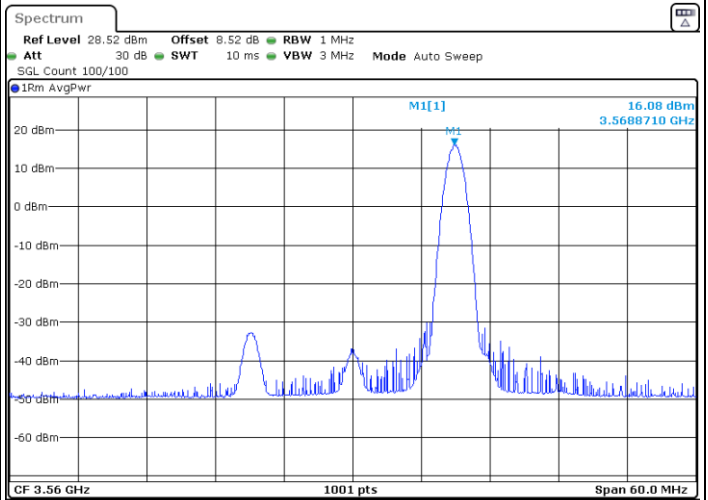
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

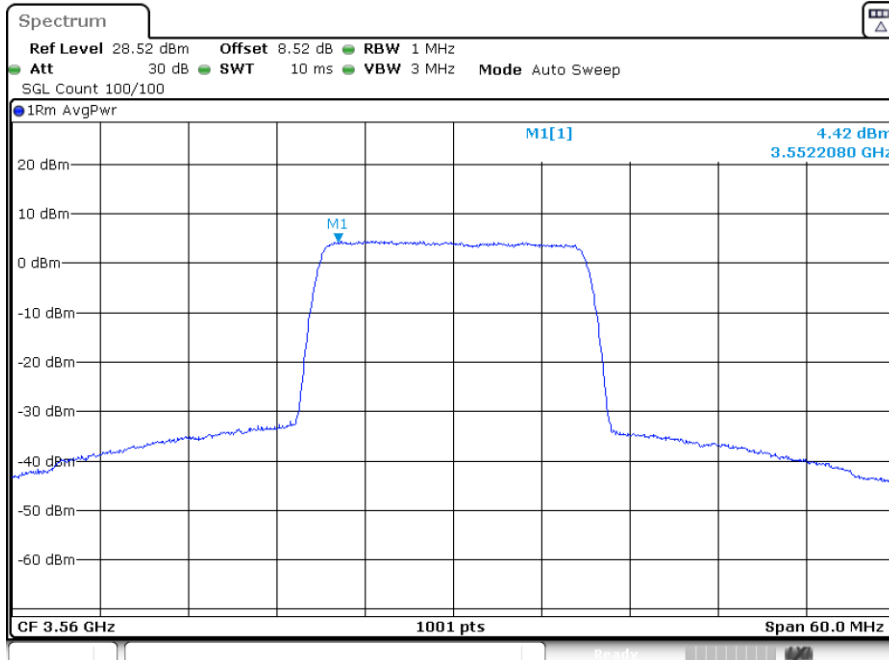


Date: 19.MAY.2023 10:25:22



Date: 19.MAY.2023 10:26:15

Lowest Channel / Full RB



Date: 19.MAY.2023 10:29:42

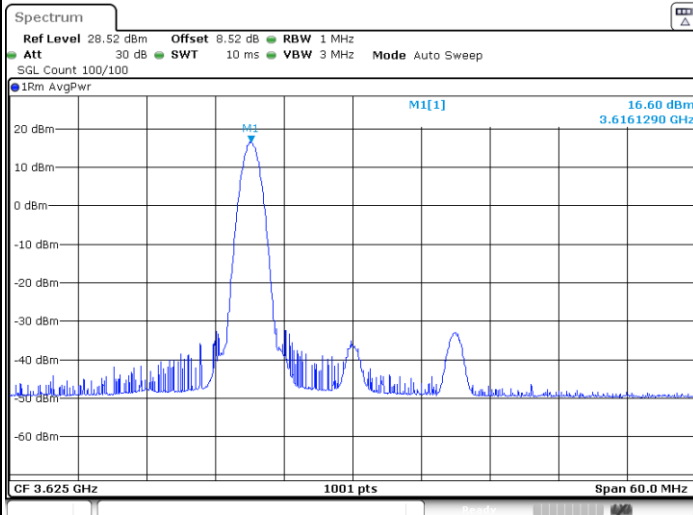


LTE Band 48 / 20MHz

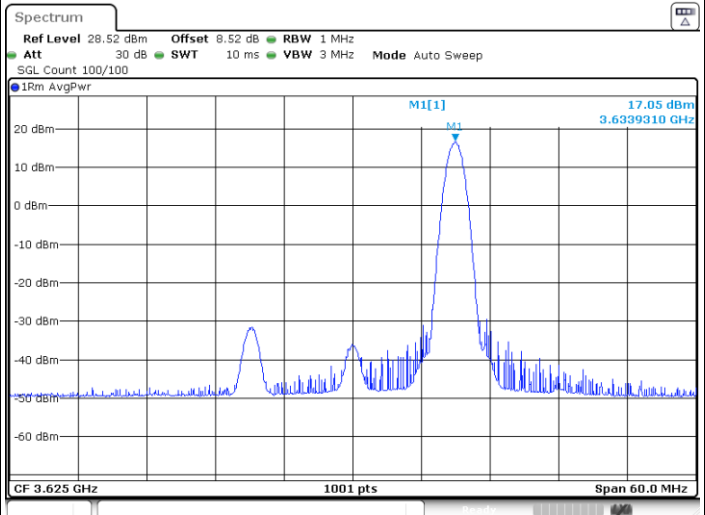
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

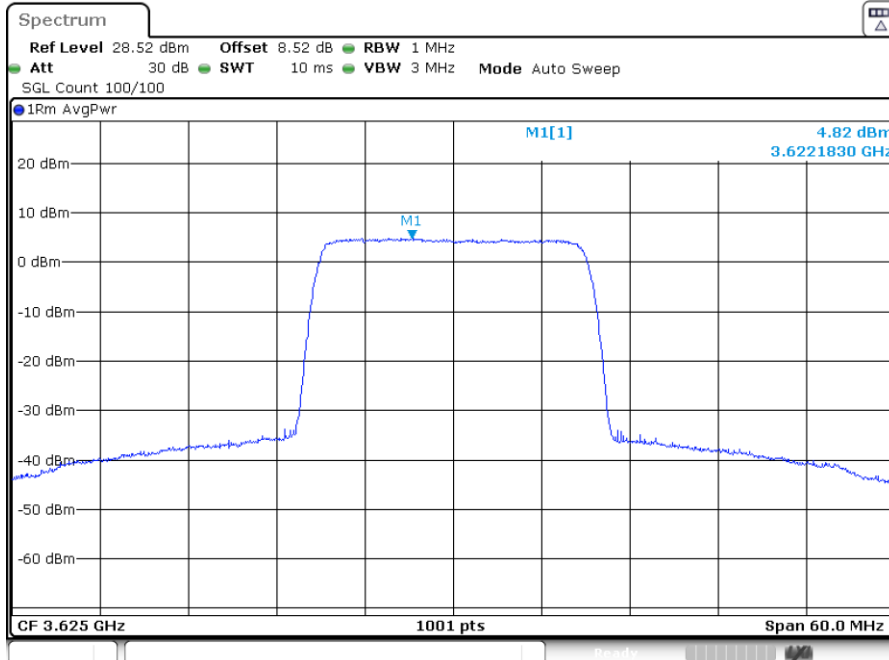


Date: 19.MAY.2023 10:32:31



Date: 19.MAY.2023 10:33:00

Middle Channel / Full RB



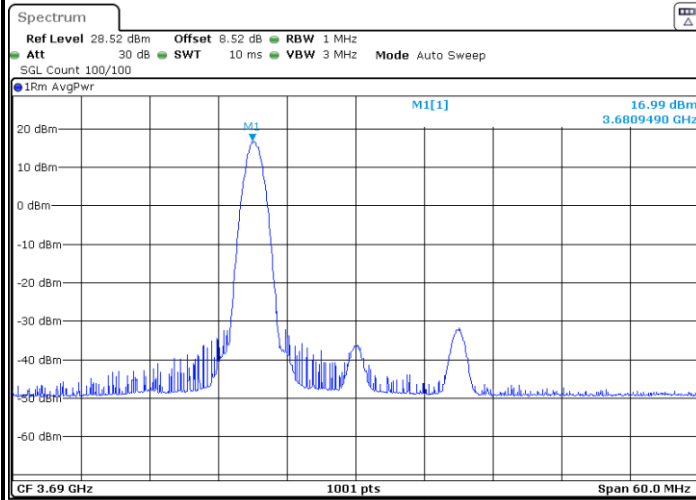
Date: 19.MAY.2023 10:36:21



LTE Band 48 / 20MHz

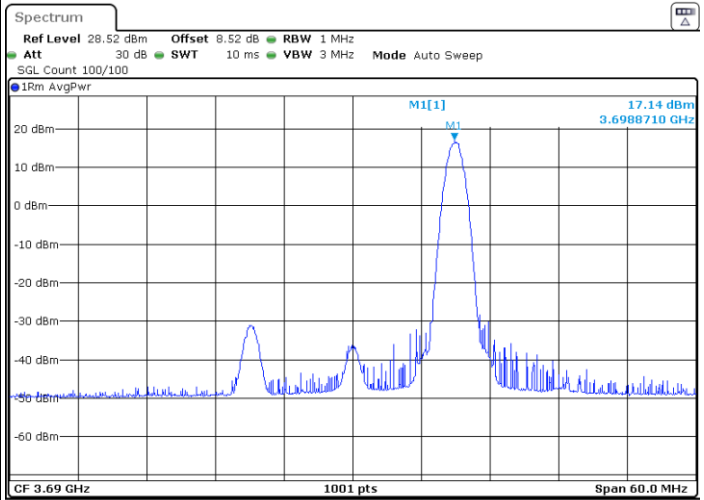
256QAM

Highest Channel / 1RB0



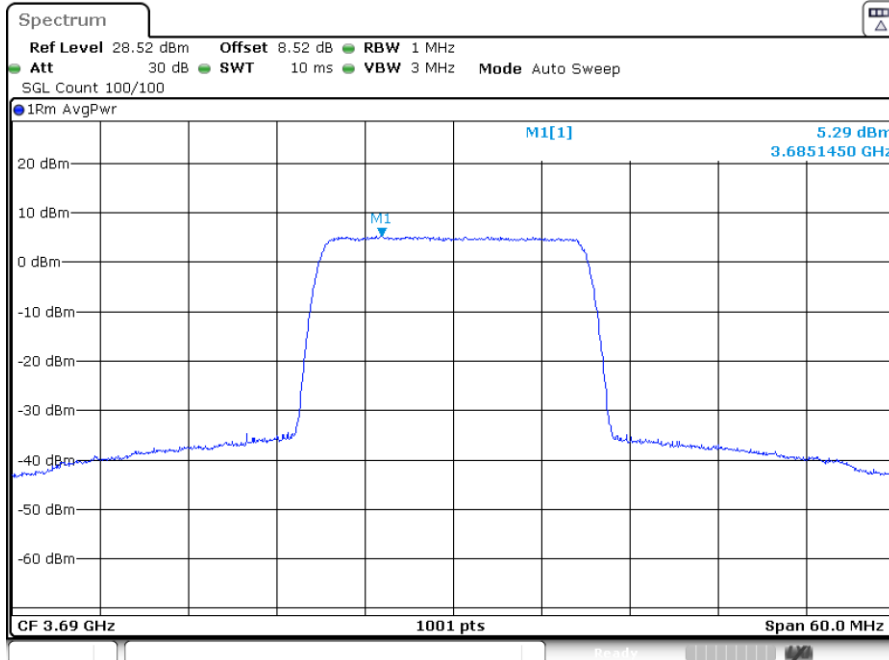
Date: 19.MAY.2023 10:38:19

Highest Channel / 1RBmax



Date: 19.MAY.2023 10:39:12

Highest Channel / Full RB



Date: 19.MAY.2023 10:42:38

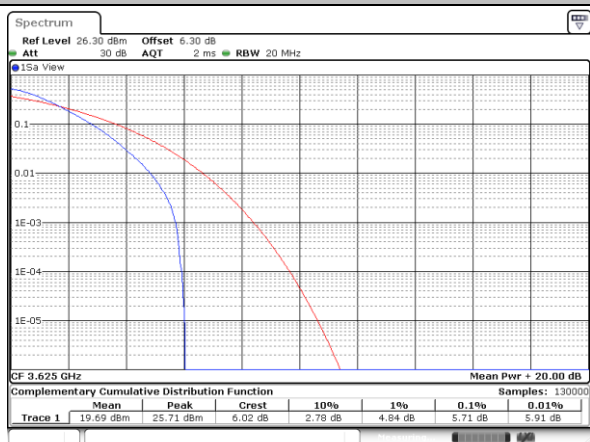


Peak-to-Average Ratio

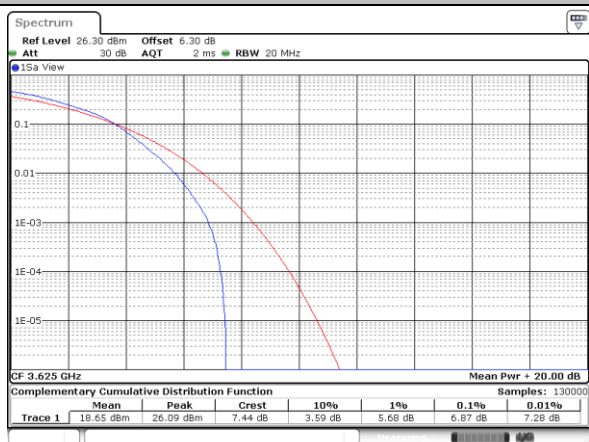
Mode	LTE Band 48 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB				Result
Middle CH	5.71	6.87	7.68	6.49	PASS

LTE Band 48 / 20MHz / Full RB / Middle Channel

QPSK



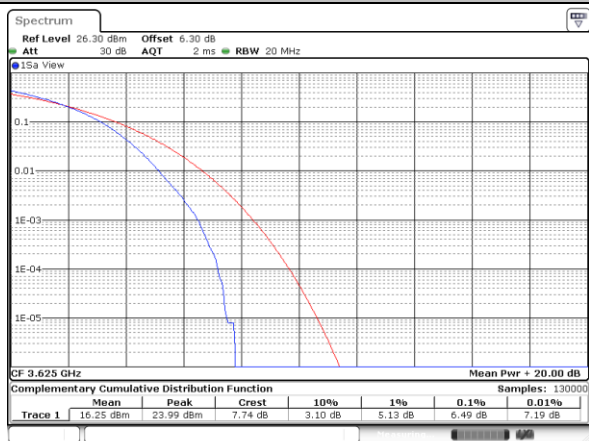
16QAM



64QAM

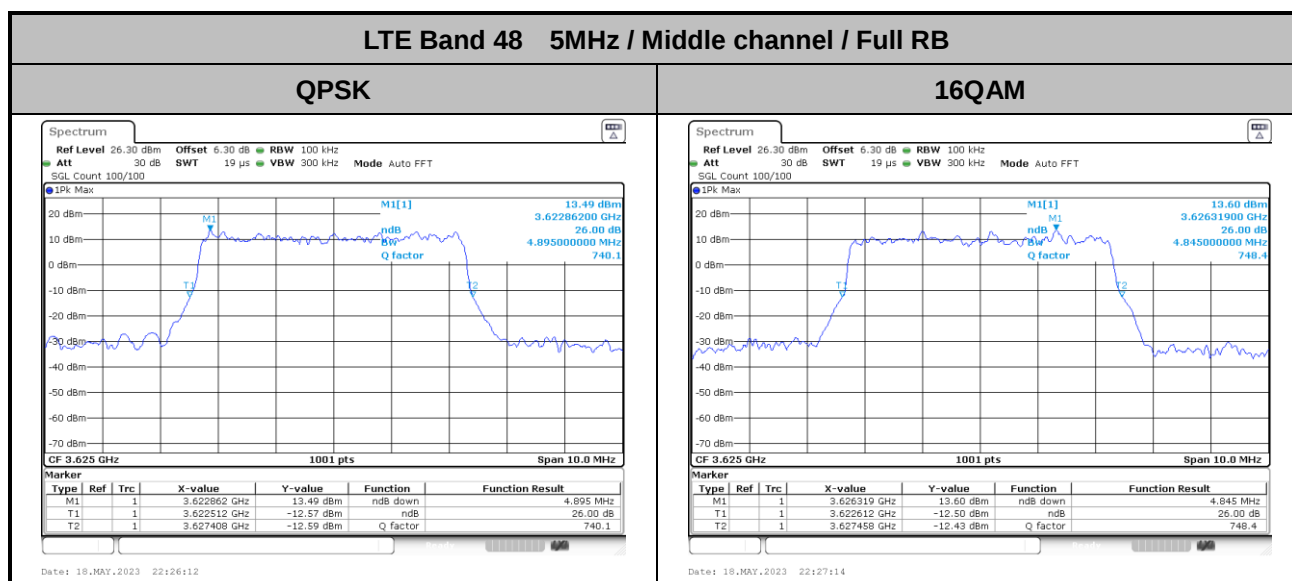


256QAM



**26dB Bandwidth**

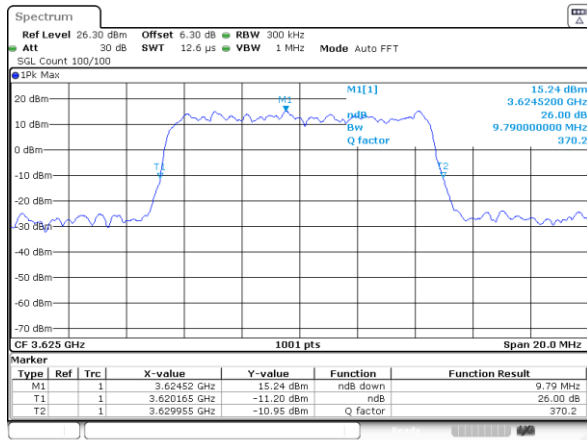
Mode	LTE Band 48 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.90	4.85
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.79	9.87
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.33	14.72
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.42	18.62





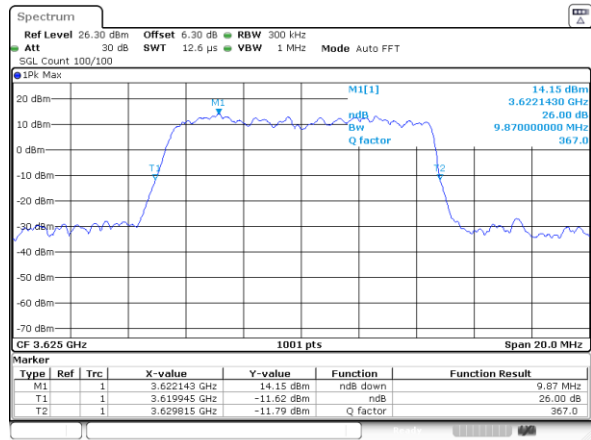
LTE Band 48 10MHz / Middle channel / Full RB

QPSK



Date: 18.MAY.2023 22:28:22

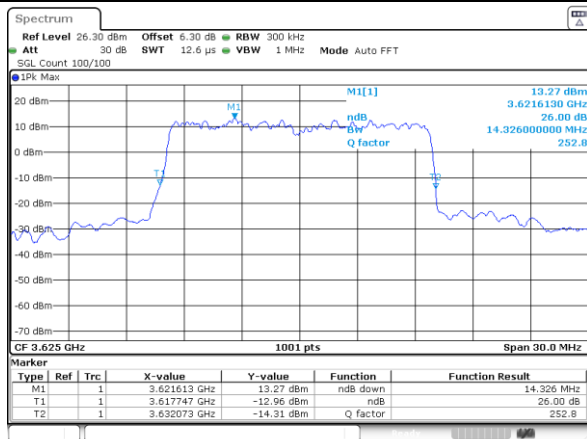
16QAM



Date: 18.MAY.2023 22:29:12

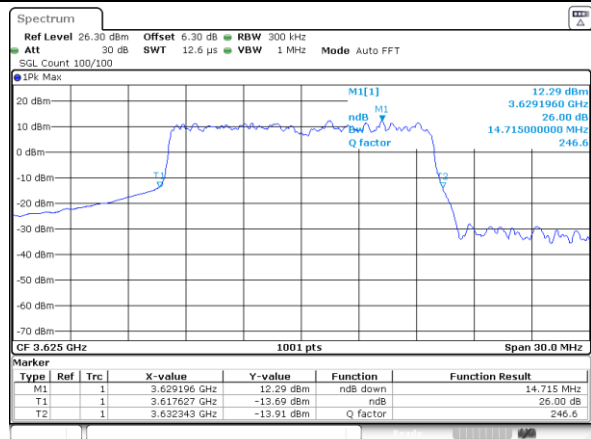
LTE Band 48 15MHz / Middle channel / Full RB

QPSK



Date: 18.MAY.2023 22:30:22

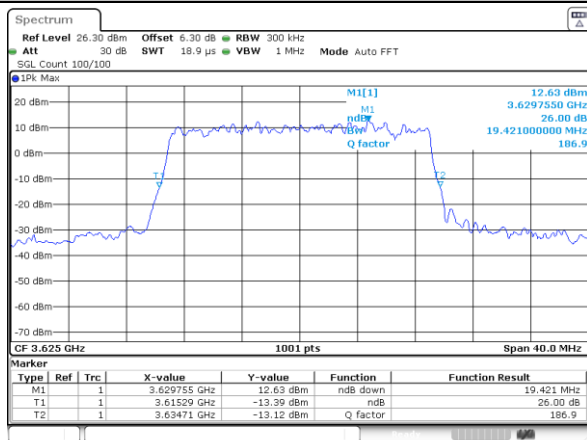
16QAM



Date: 18.MAY.2023 22:31:09

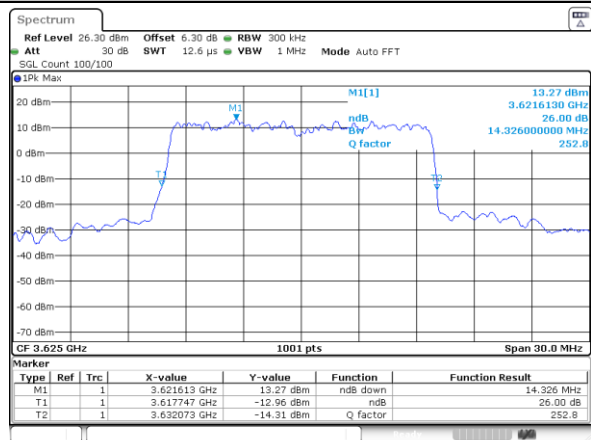
LTE Band 48 20MHz / Middle channel / Full RB

QPSK



Date: 18.MAY.2023 22:32:18

16QAM

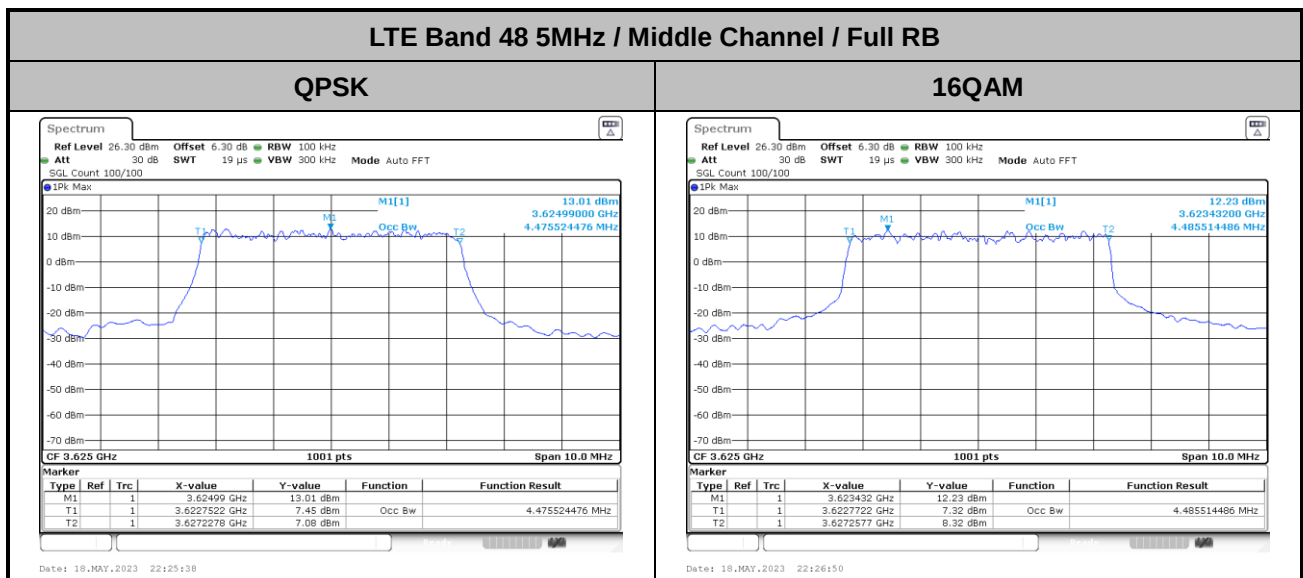


Date: 18.MAY.2023 22:30:22



Occupied Bandwidth

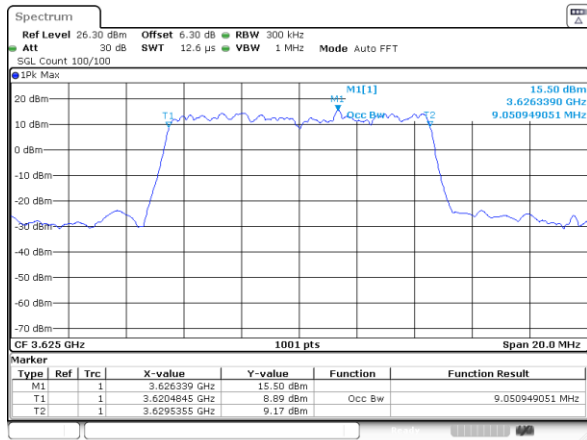
Mode	LTE Band 48 : 99%OBW(MHz)	
BW	5MHZ	
Mod.	QPSK	16QAM
Middle CH	4.48	4.49
BW	10MHZ	
Mod.	QPSK	16QAM
Middle CH	9.05	9.13
BW	15MHZ	
Mod.	QPSK	16QAM
Middle CH	13.43	13.46
BW	20MHZ	
Mod.	QPSK	16QAM
Middle CH	17.94	17.98





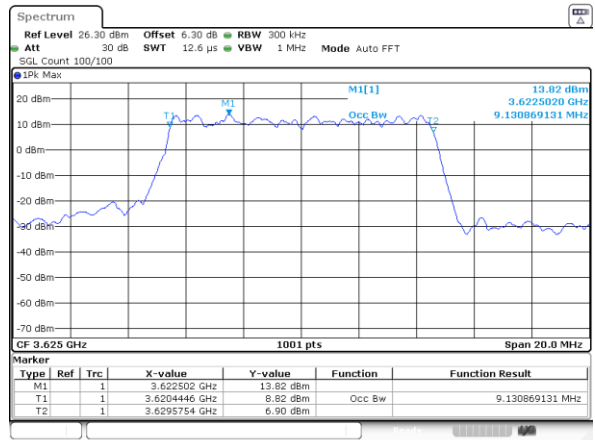
LTE Band 48 10MHz / Middle Channel / Full RB

QPSK



Date: 18.MAY.2023 22:28:00

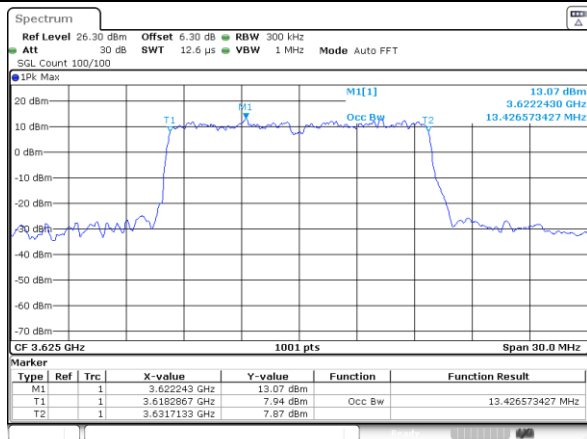
16QAM



Date: 18.MAY.2023 22:28:49

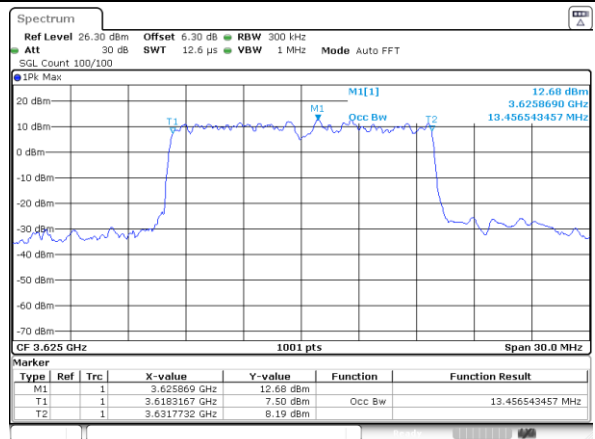
LTE Band 48 15MHz / Middle Channel / Full RB

QPSK



Date: 18.MAY.2023 22:30:00

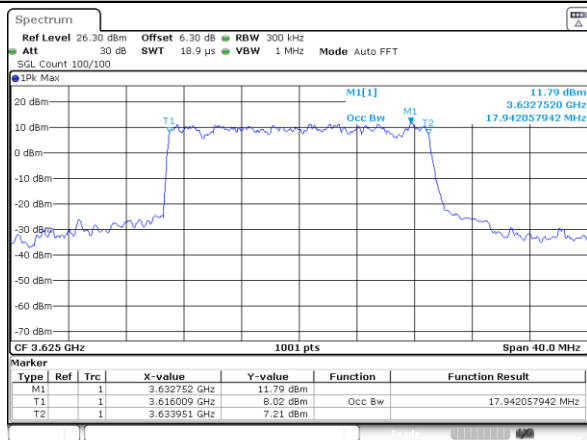
16QAM



Date: 18.MAY.2023 22:30:44

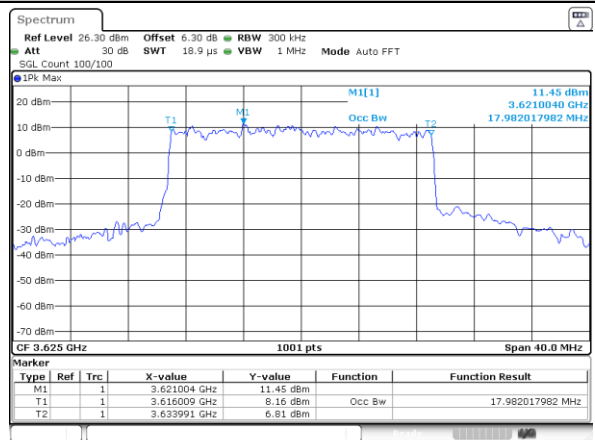
LTE Band 48 20MHz / Middle Channel / Full RB

QPSK



Date: 18.MAY.2023 22:31:55

16QAM



Date: 18.MAY.2023 22:32:42

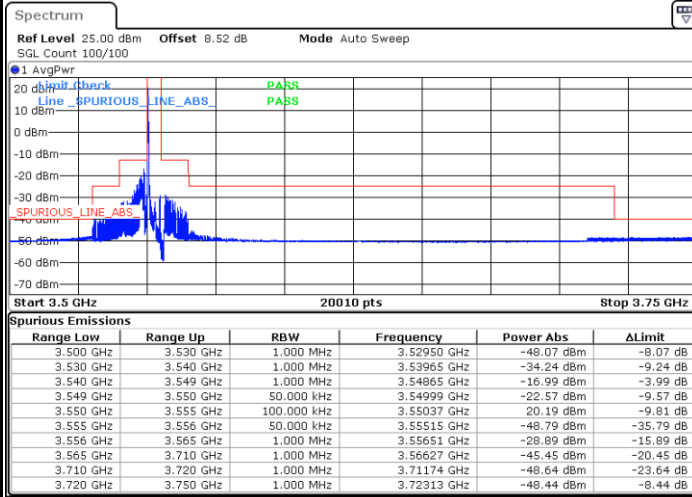


Conducted Band Edge

LTE Band 48 / 5MHz

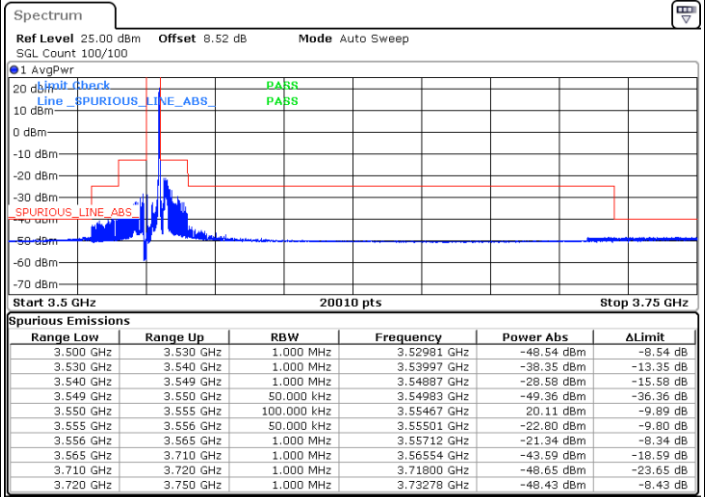
QPSK

Lowest Channel / 1RB0



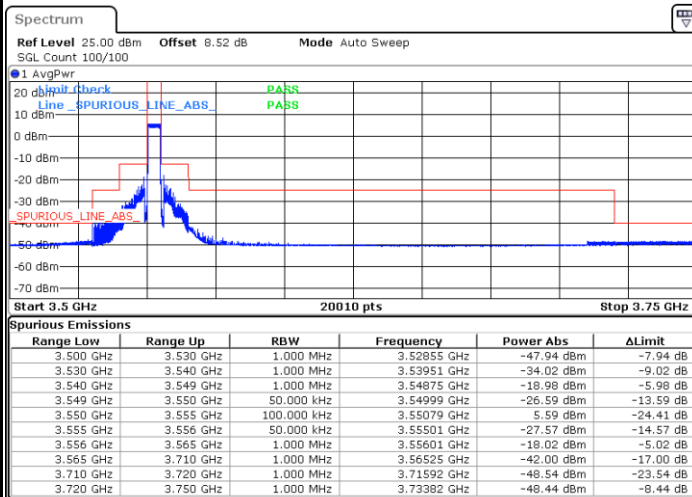
Date: 11.MAY.2023 18:28:57

Lowest Channel / 1RBmax



Date: 11.MAY.2023 18:35:54

Lowest Channel / Full RB



Date: 11.MAY.2023 18:42:47

N/A

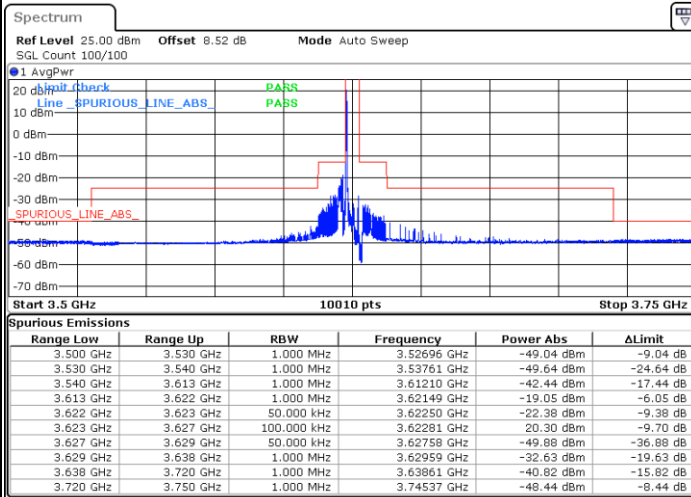


LTE Band 48 / 5MHz

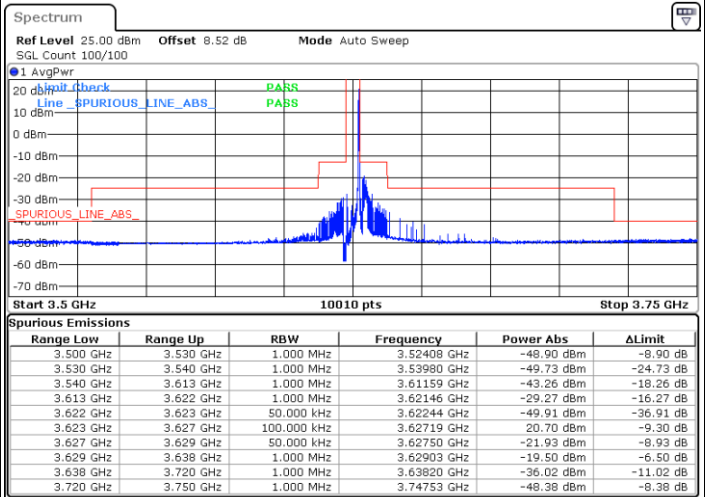
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



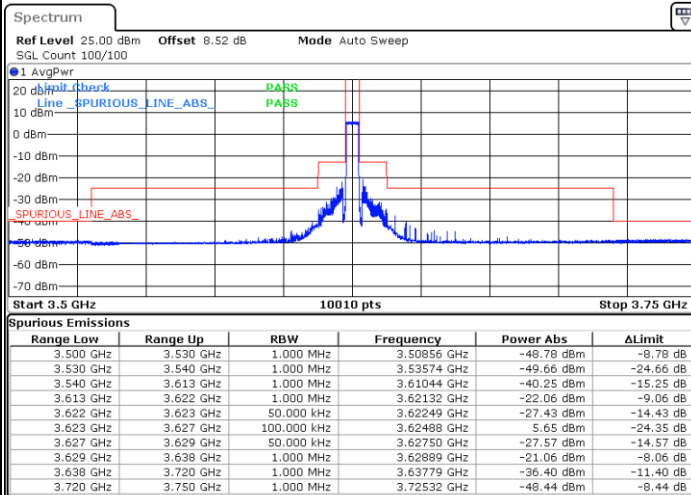
Date: 11.MAY.2023 18:54:56



Date: 11.MAY.2023 19:01:46

Middle Channel / Full

N/A



Date: 11.MAY.2023 19:08:36

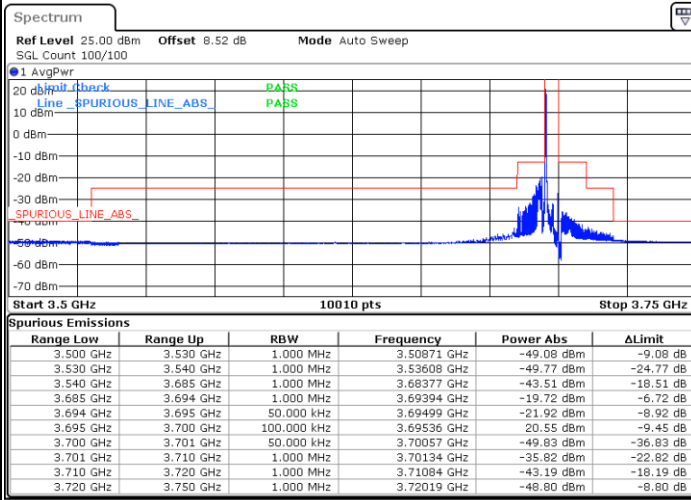


LTE Band 48 / 5MHz

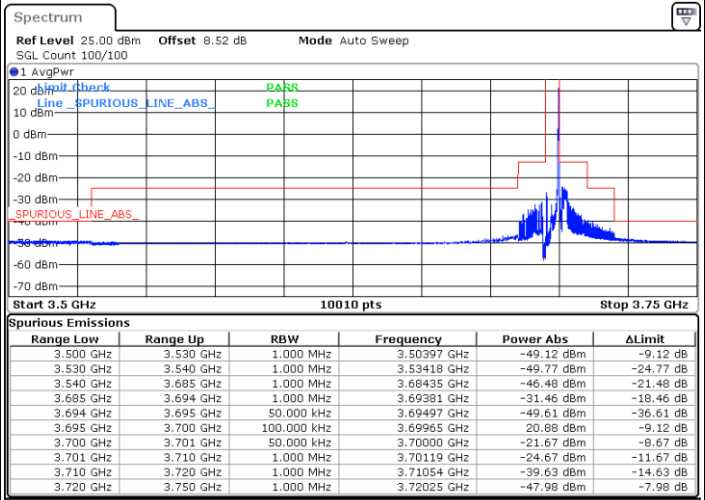
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



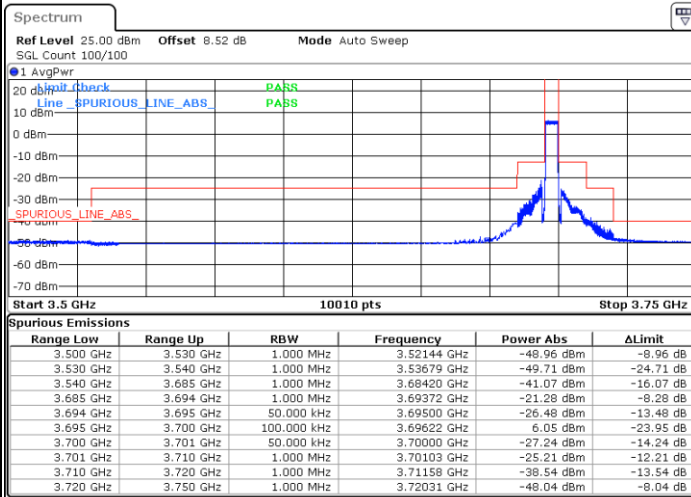
Date: 11.MAY.2023 19:15:26



Date: 11.MAY.2023 19:22:22

Highest Channel / Full RB

N/A



Date: 11.MAY.2023 20:06:35

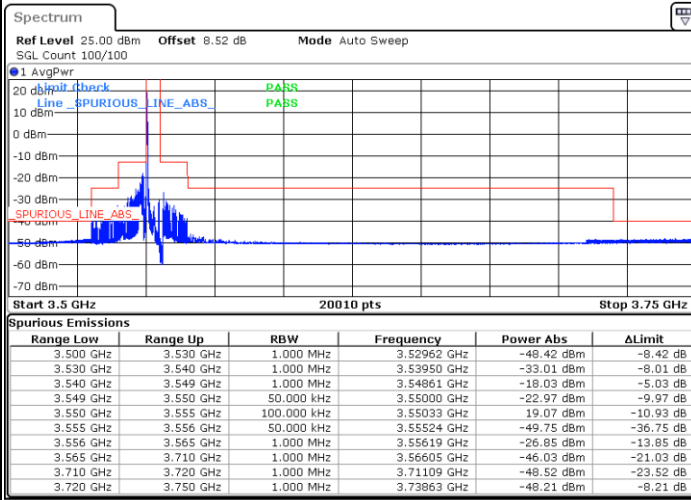


LTE Band 48 / 5MHz

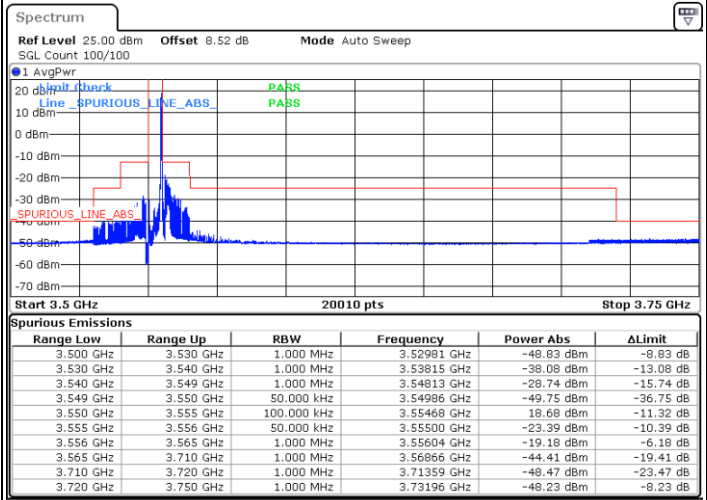
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



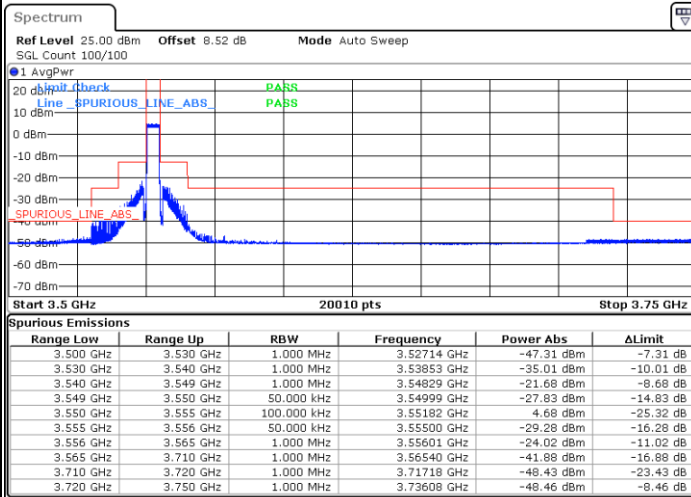
Date: 11.MAY.2023 18:30:41



Date: 11.MAY.2023 18:37:37

Lowest Channel / Full RB

N/A



Date: 11.MAY.2023 18:44:30

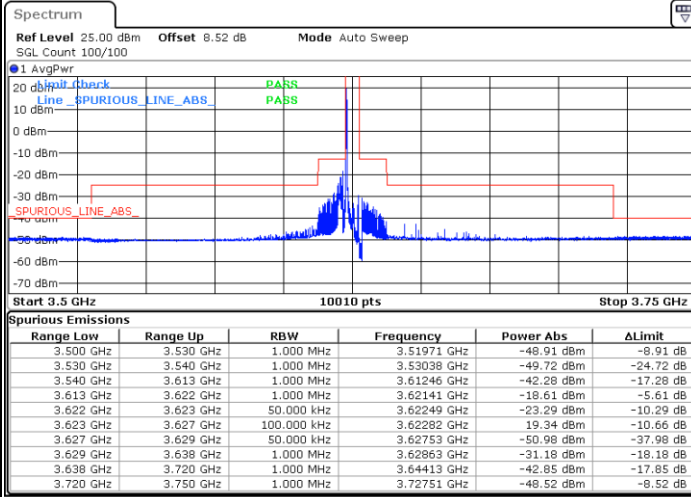


LTE Band 48 / 5MHz

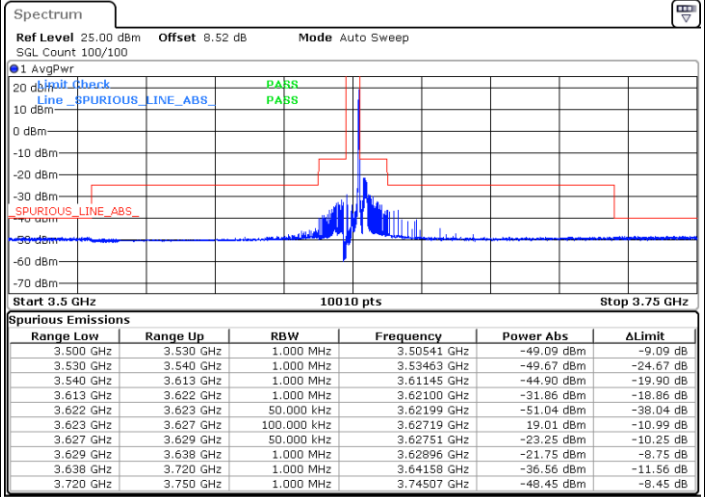
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



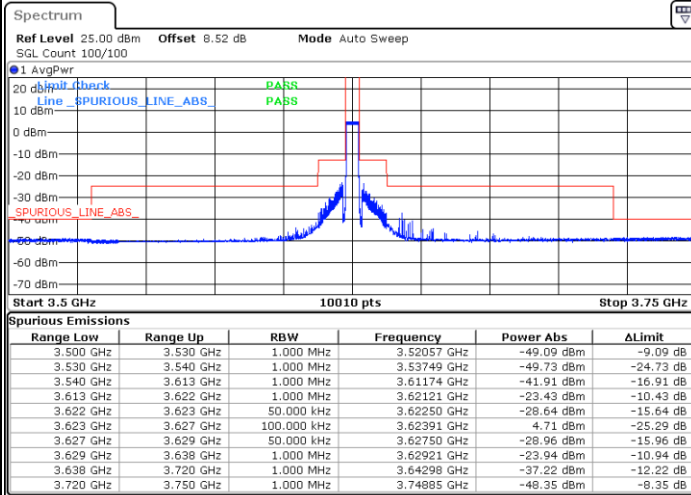
Date: 11.MAY.2023 18:56:39



Date: 11.MAY.2023 19:03:29

Middle Channel / Full

N/A



Date: 11.MAY.2023 19:10:18

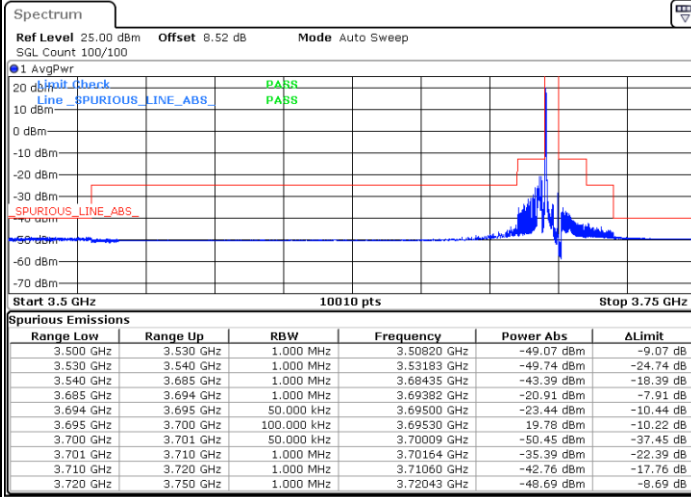


LTE Band 48 / 5MHz

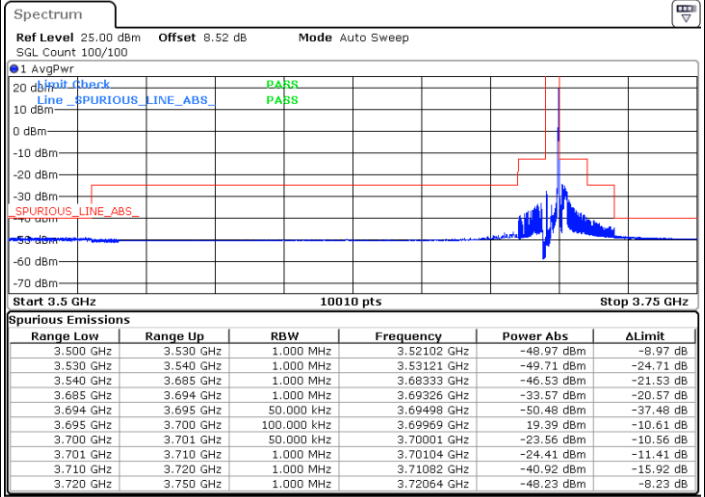
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



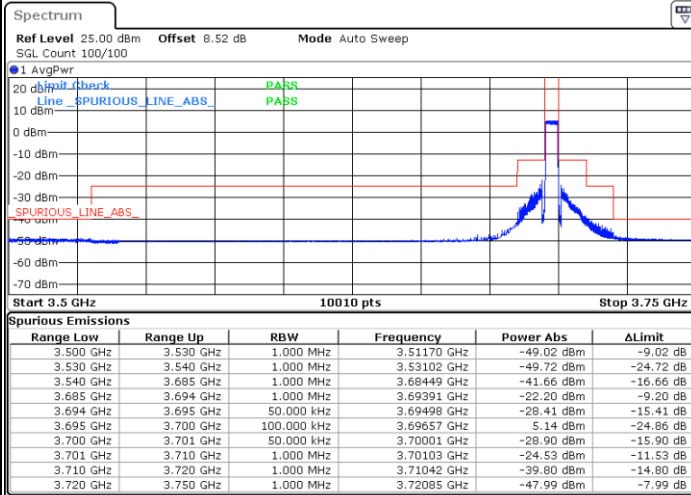
Date: 11.MAY.2023 19:17:10



Date: 11.MAY.2023 20:01:21

Highest Channel / Full RB

N/A



Date: 11.MAY.2023 20:08:19

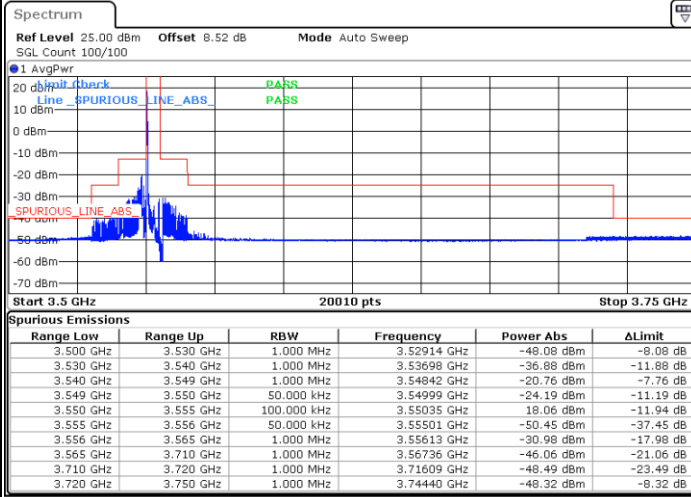


LTE Band 48 / 5MHz

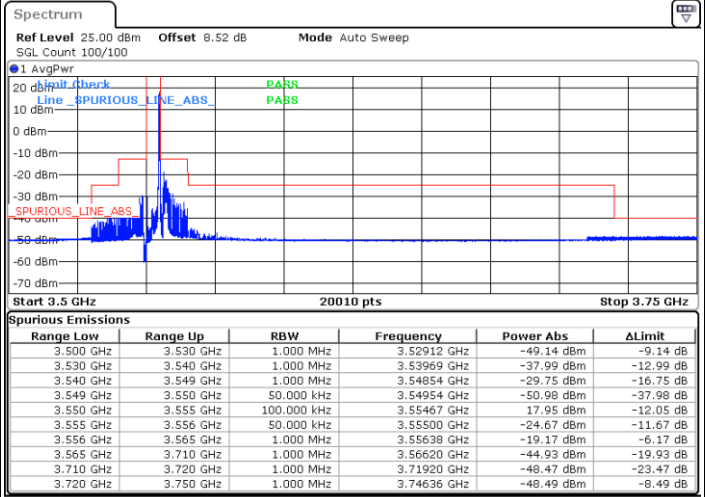
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



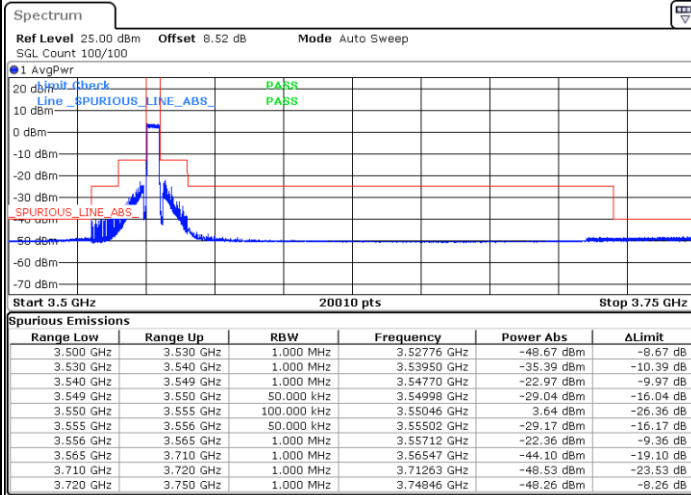
Date: 11.MAY.2023 18:32:25



Date: 11.MAY.2023 18:39:20

Lowest Channel / Full RB

N/A



Date: 11.MAY.2023 18:46:13

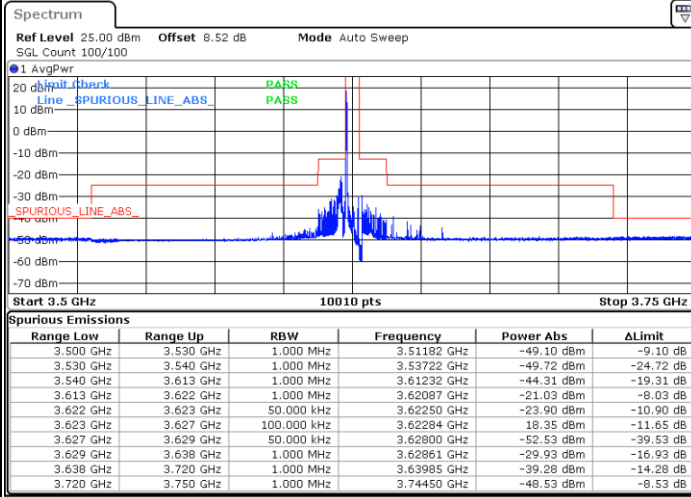


LTE Band 48 / 5MHz

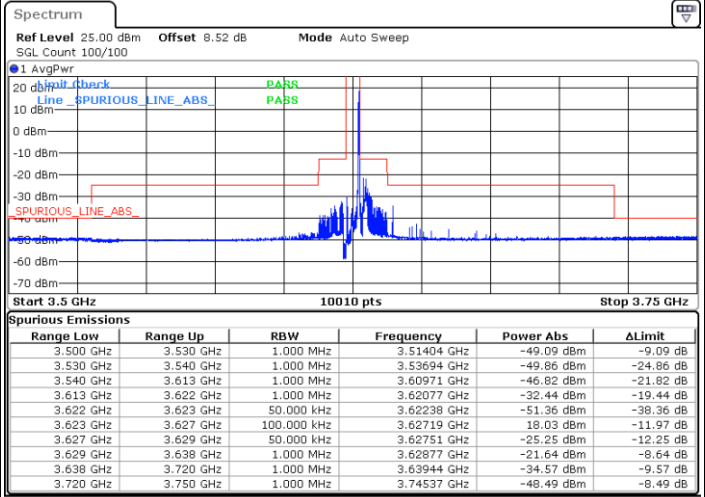
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



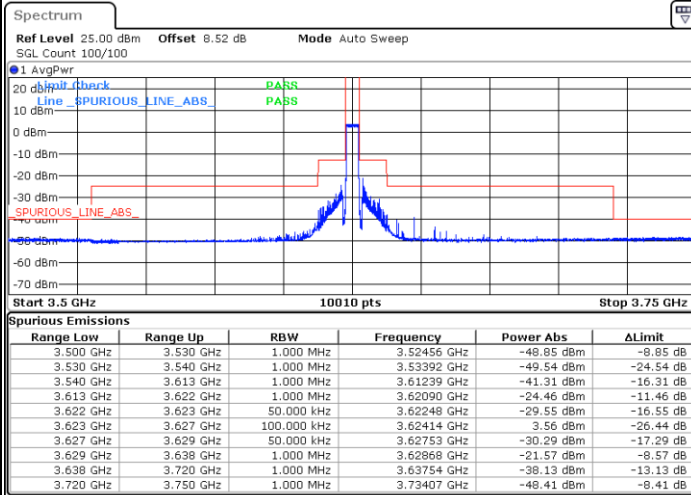
Date: 11.MAY.2023 18:58:21



Date: 11.MAY.2023 19:05:11

Middle Channel / Full

N/A



Date: 11.MAY.2023 19:12:00

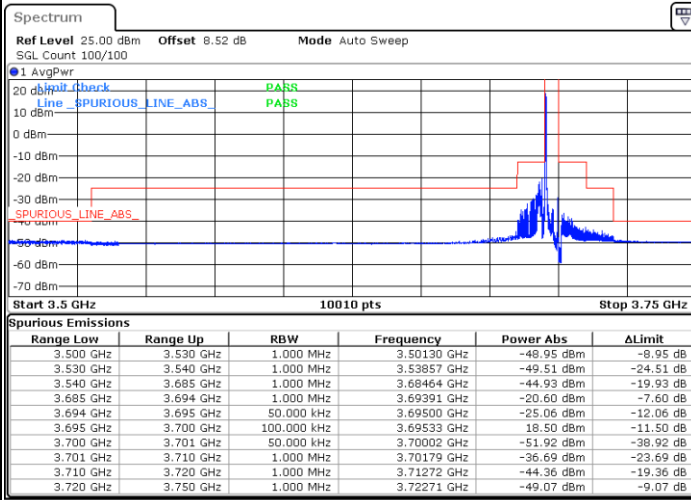


LTE Band 48 / 5MHz

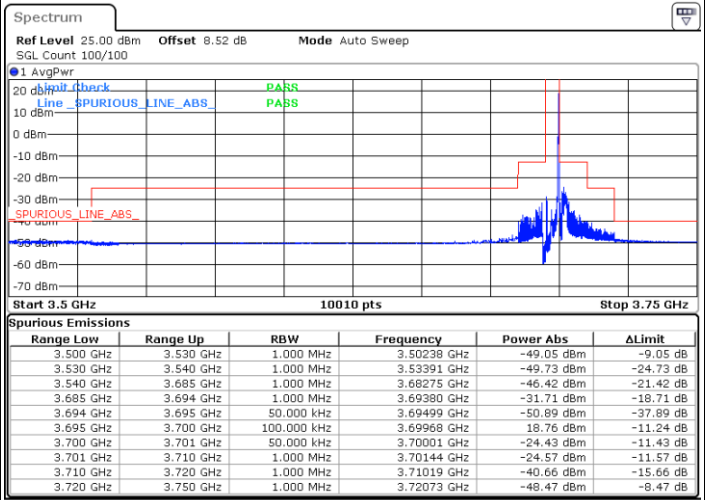
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



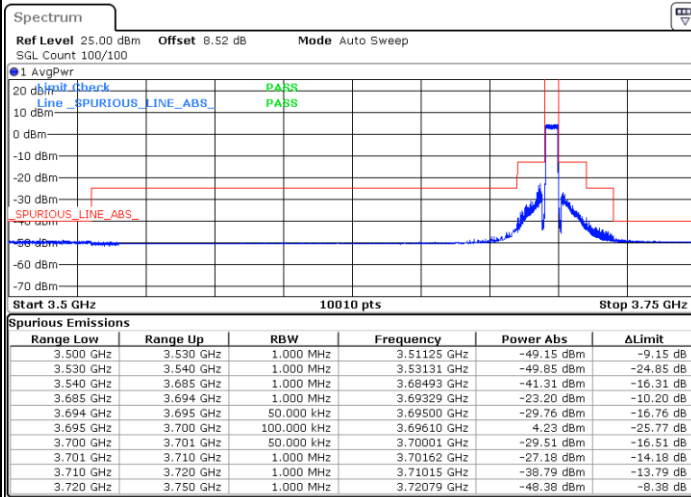
Date: 11.MAY.2023 19:18:54



Date: 11.MAY.2023 20:03:06

Highest Channel / Full RB

N/A

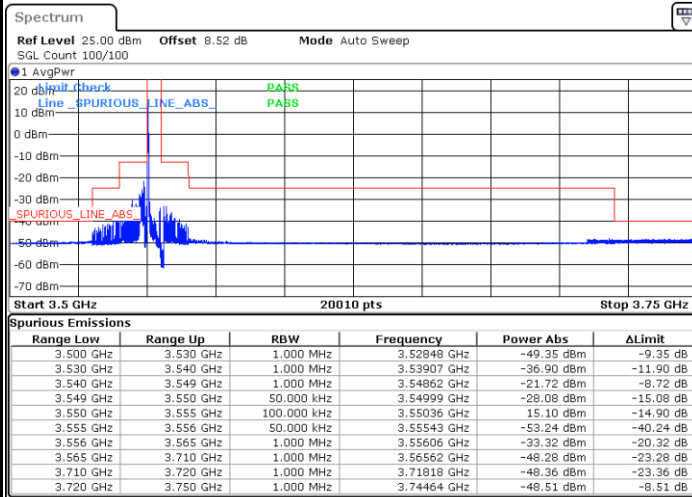


Date: 11.MAY.2023 20:10:03

LTE Band 48 / 5MHz

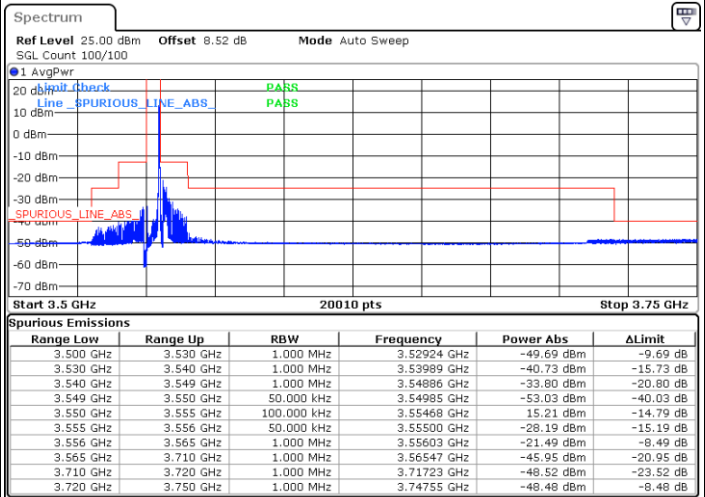
256QAM

Lowest Channel / 1RB0



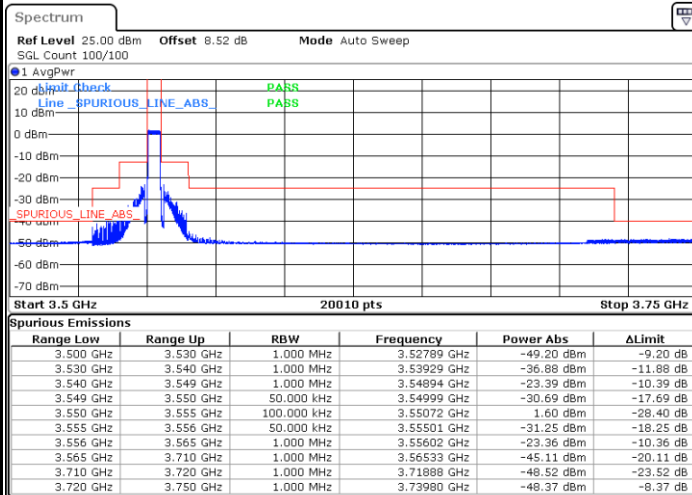
Date: 11.MAY.2023 18:34:08

Lowest Channel / 1RBmax



Date: 11.MAY.2023 18:41:04

Lowest Channel / Full RB



Date: 11.MAY.2023 18:47:57

N/A

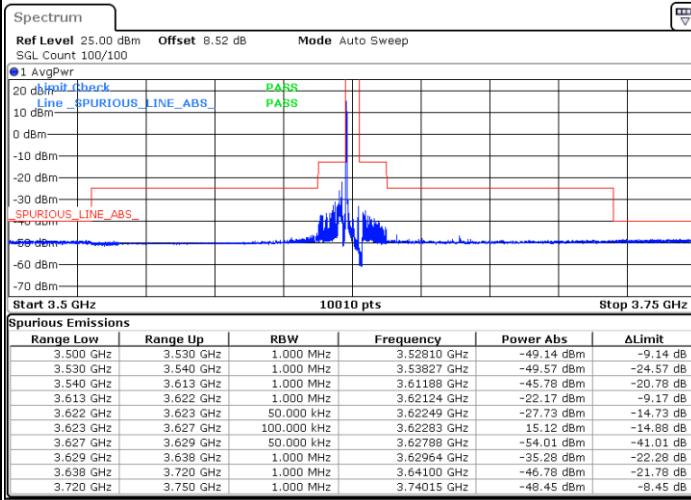


LTE Band 48 / 5MHz

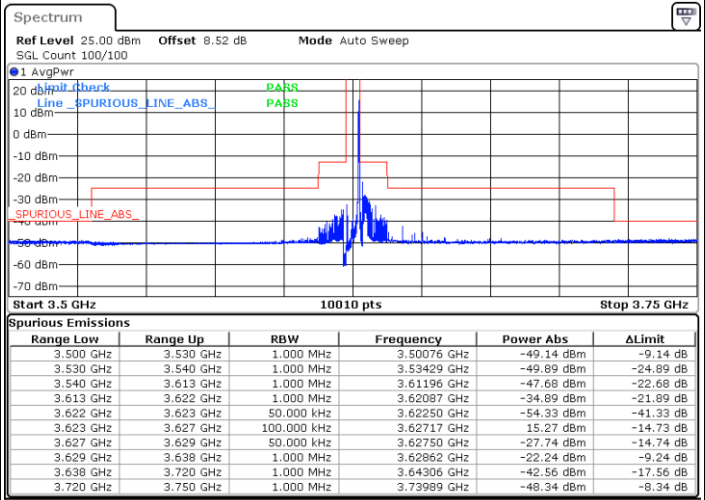
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



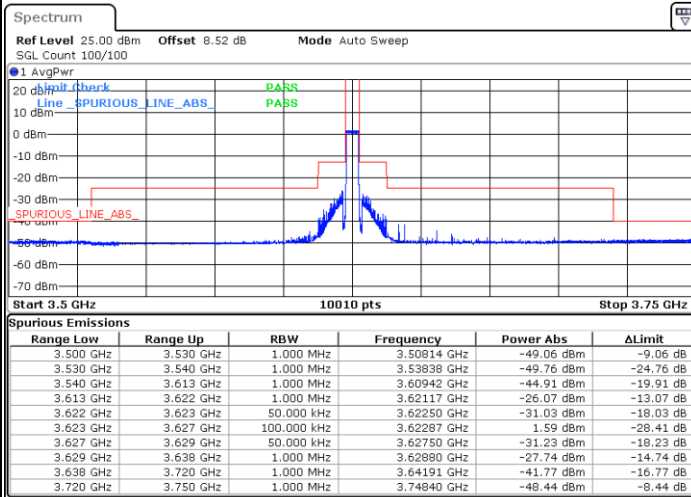
Date: 11.MAY.2023 19:00:03



Date: 11.MAY.2023 19:06:53

Middle Channel / Full

N/A



Date: 11.MAY.2023 19:13:43

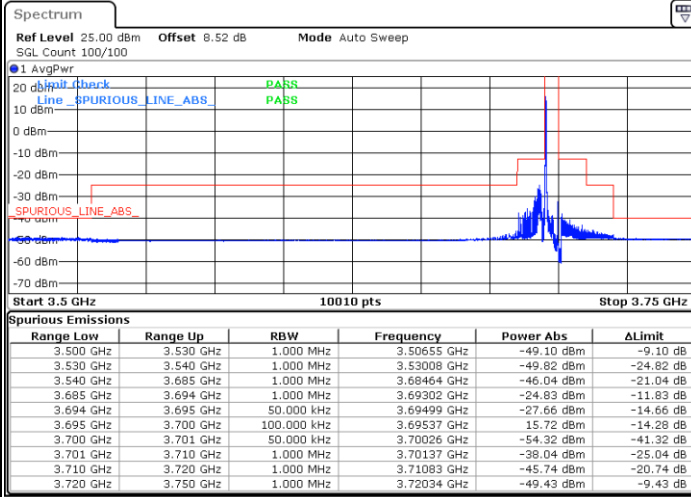


LTE Band 48 / 5MHz

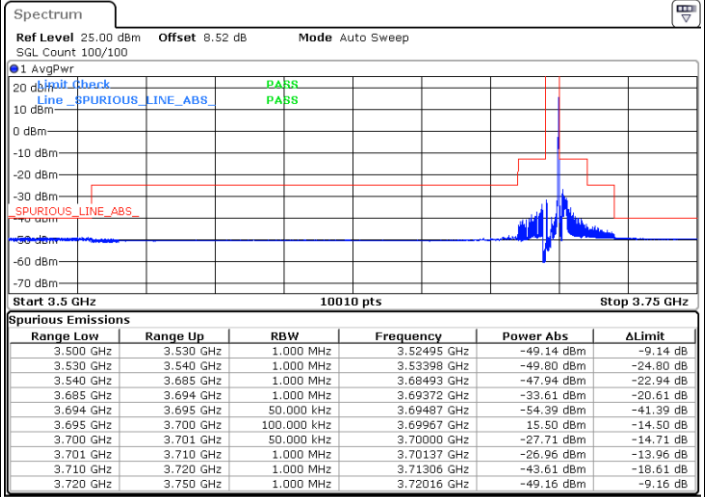
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



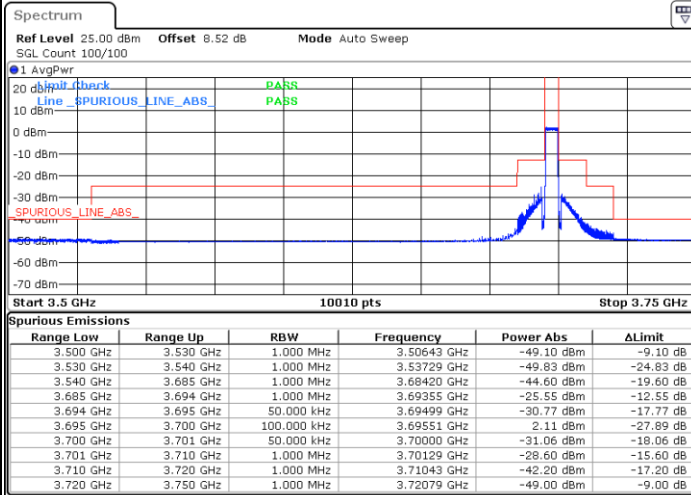
Date: 11.MAY.2023 19:20:38



Date: 11.MAY.2023 20:04:50

Highest Channel / Full RB

N/A



Date: 11.MAY.2023 20:11:47

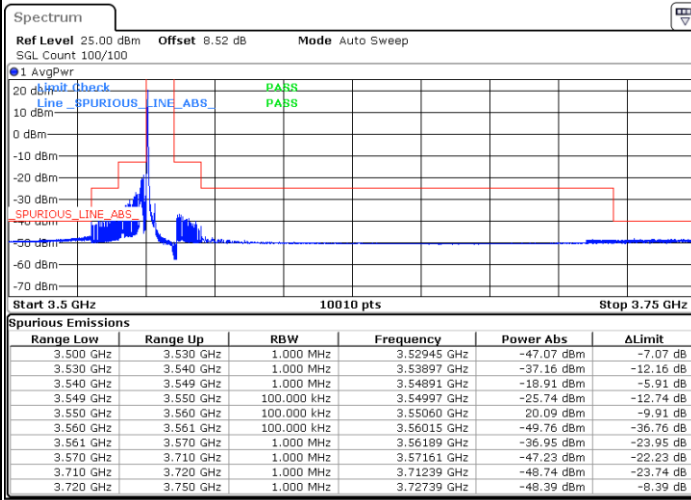


LTE Band 48 / 10MHz

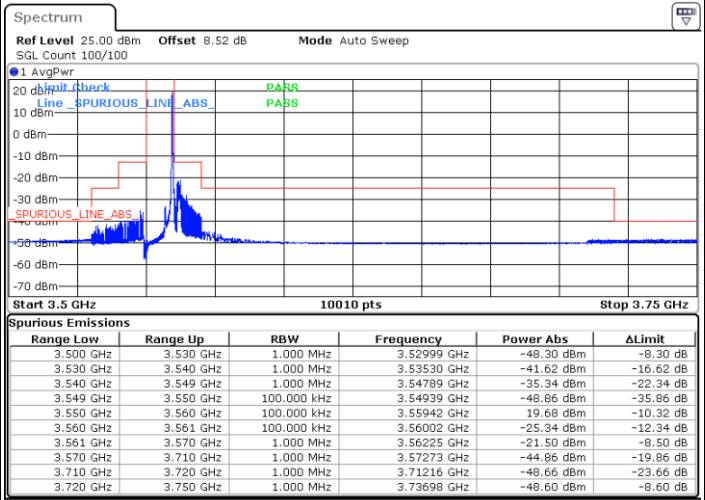
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



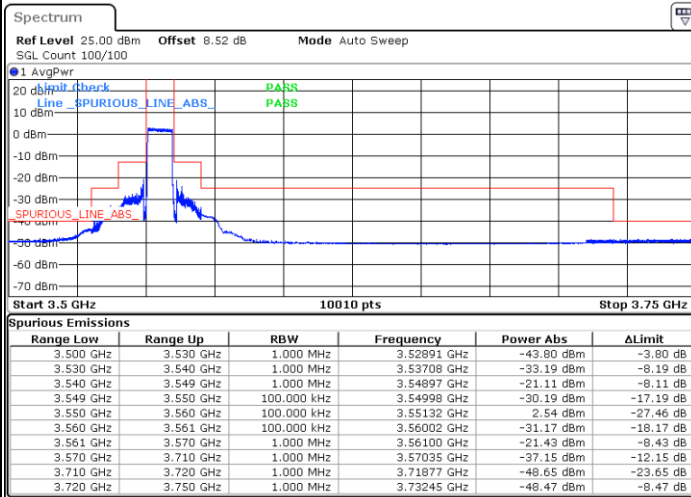
Date: 11.MAY.2023 20:14:00



Date: 11.MAY.2023 20:20:55

Lowest Channel / Full RB

N/A



Date: 11.MAY.2023 20:27:49