

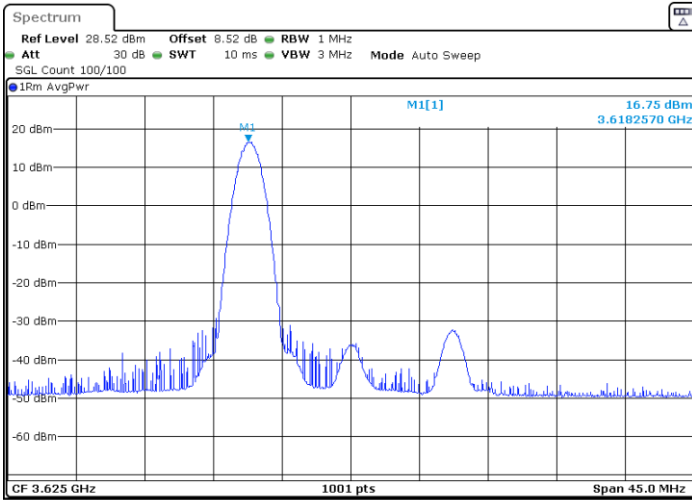


LTE Band 48 / 15MHz

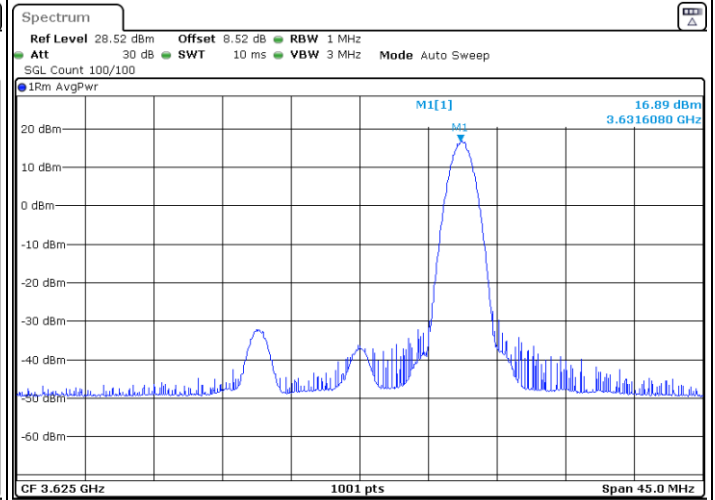
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

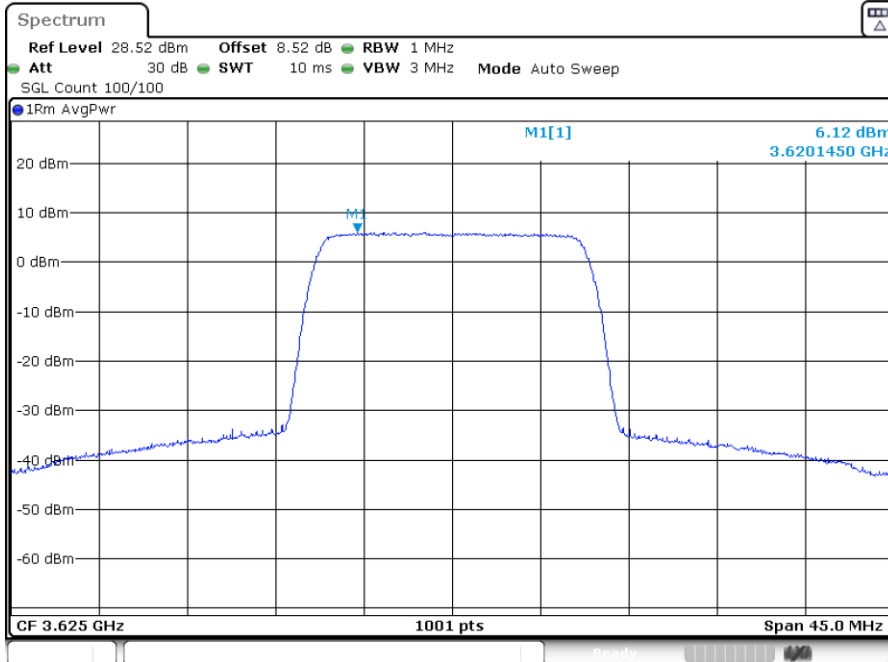


Date: 19.MAY.2023 10:12:55



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

Middle Channel / Full RB



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

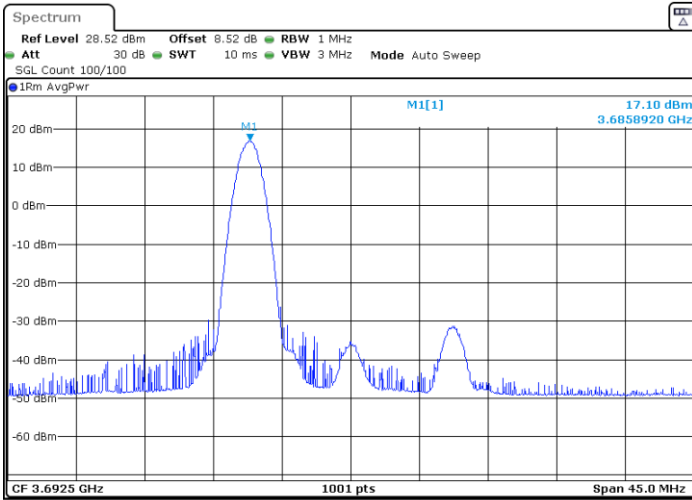


LTE Band 48 / 15MHz

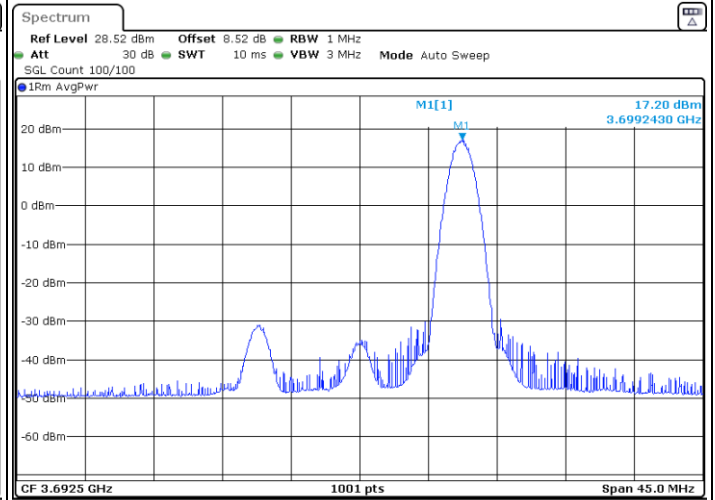
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

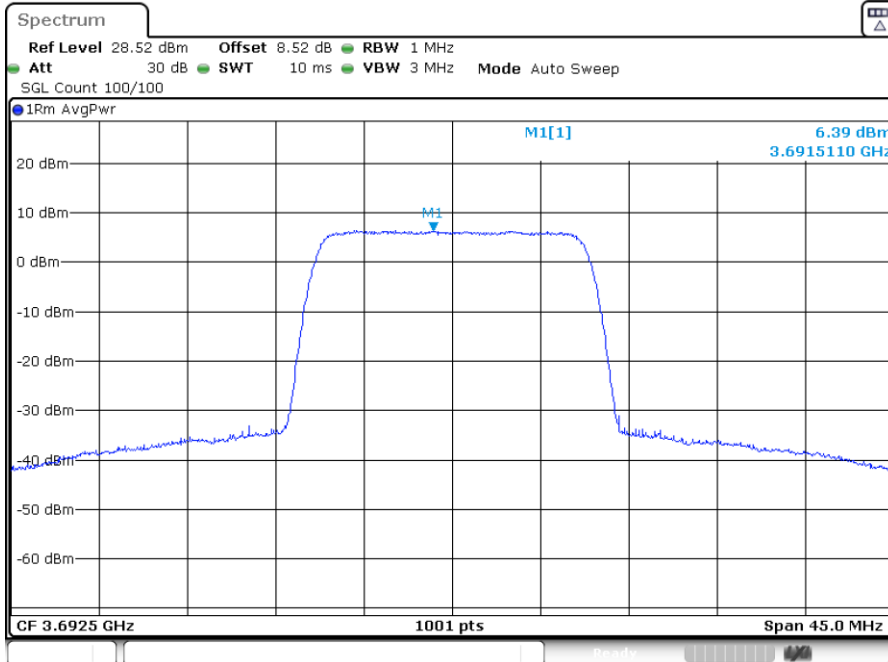


Date: 19.MAY.2023 10:18:44



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

Highest Channel / Full RB



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

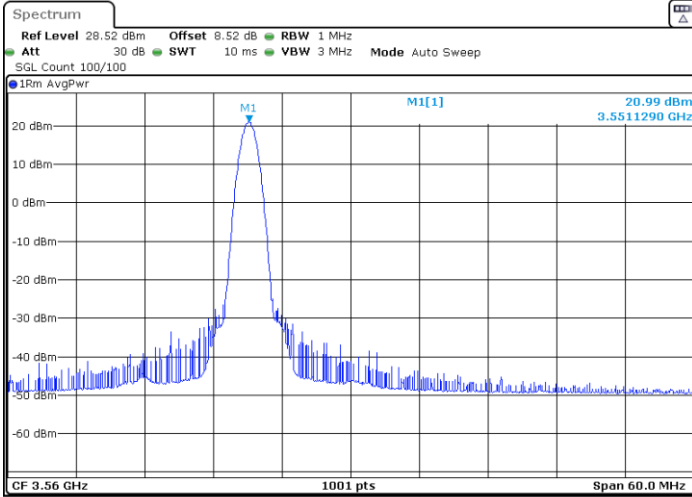


LTE Band 48 / 20MHz

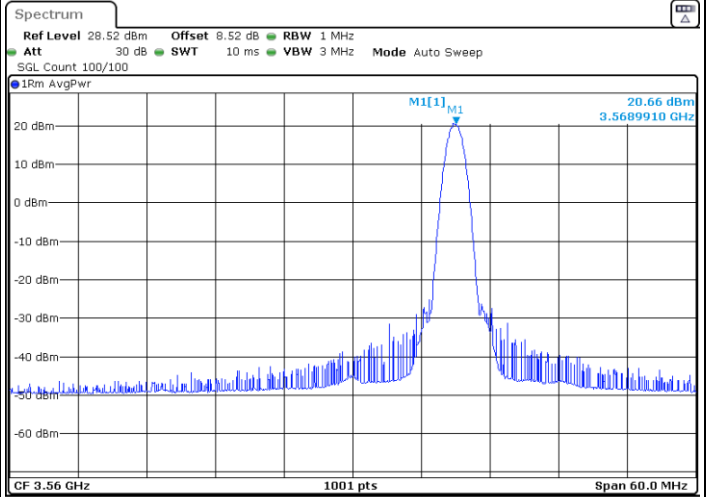
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

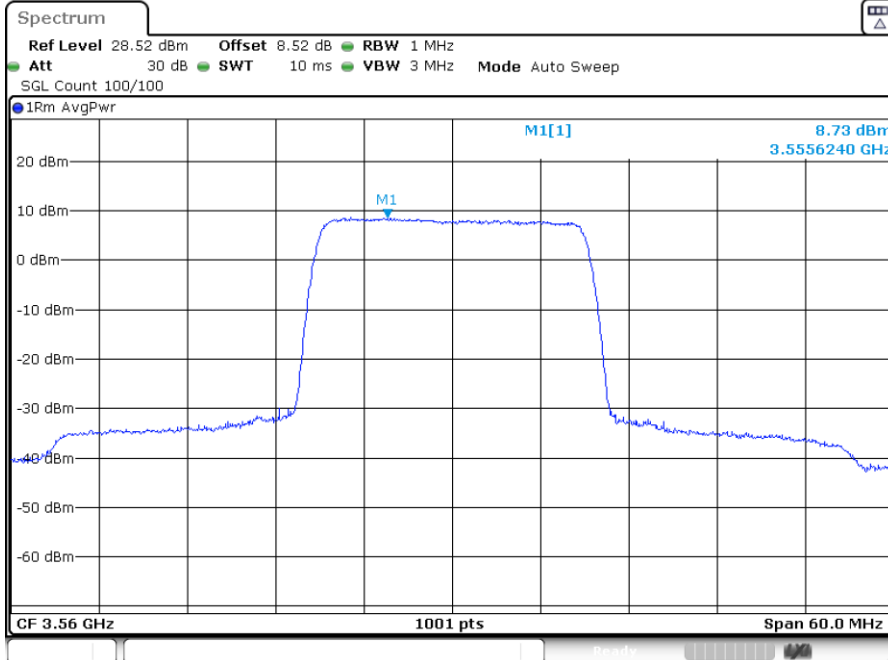


Date: 19.MAY.2023 10:23:53



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

Lowest Channel / Full RB



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

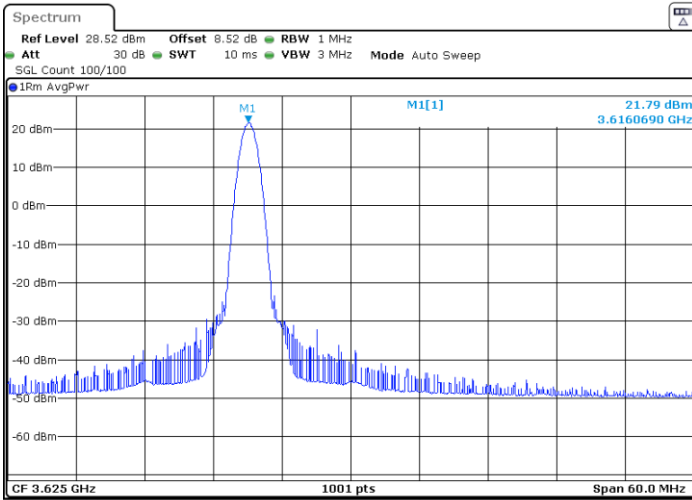


LTE Band 48 / 20MHz

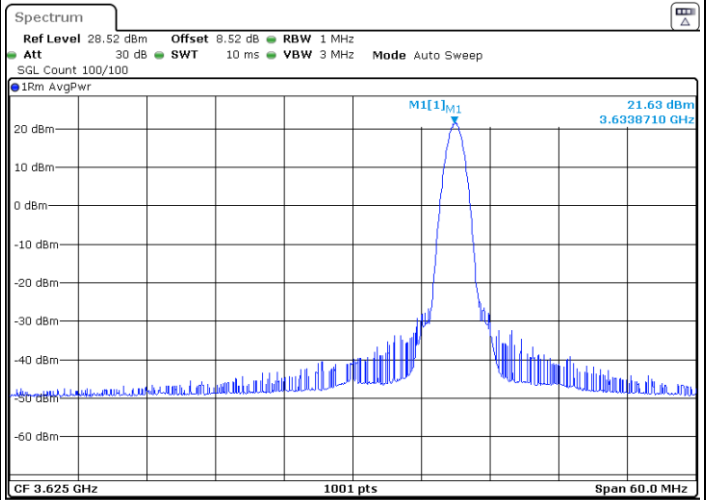
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

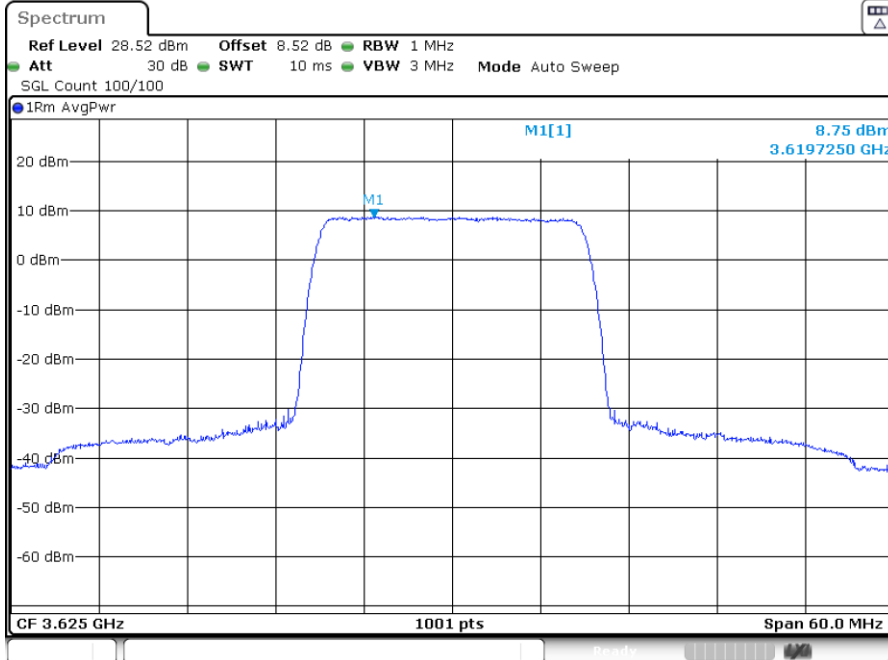


Date: 19.MAY.2023 10:31:04



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

Middle Channel / Full RB



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

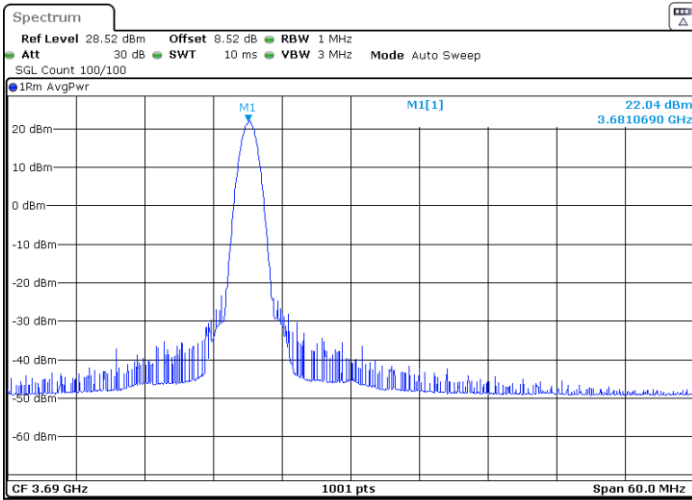


LTE Band 48 / 20MHz

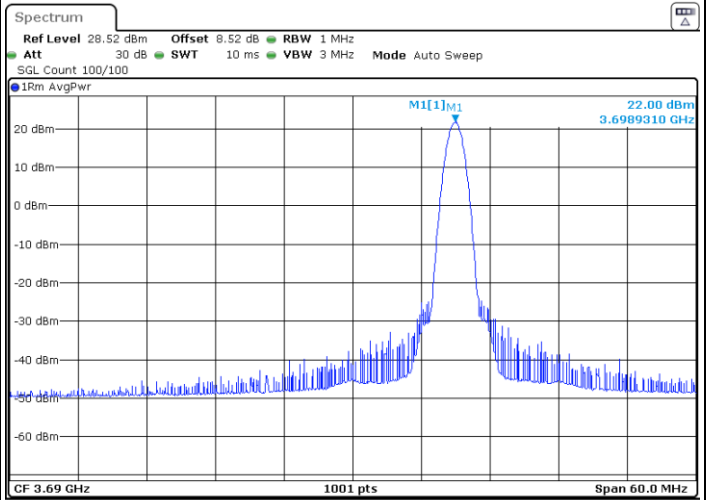
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

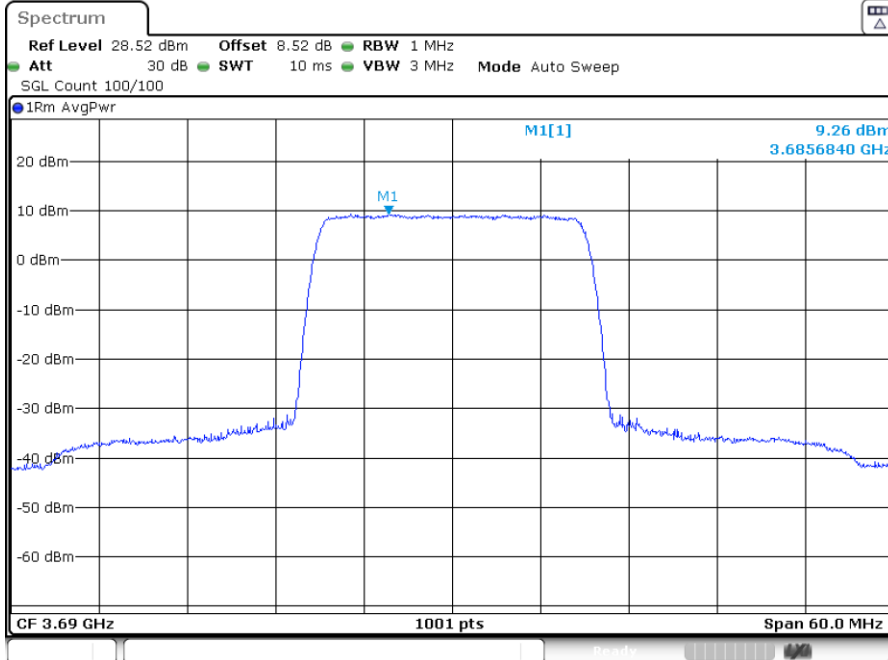


Date: 19.MAY.2023 10:36:50



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

Highest Channel / Full RB



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

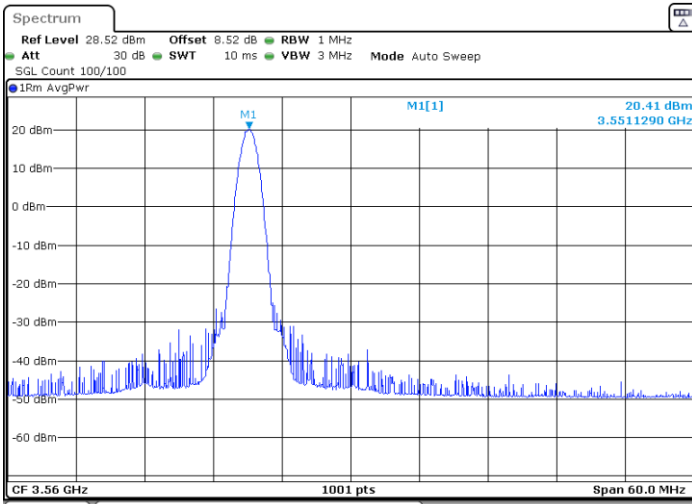


LTE Band 48 / 20MHz

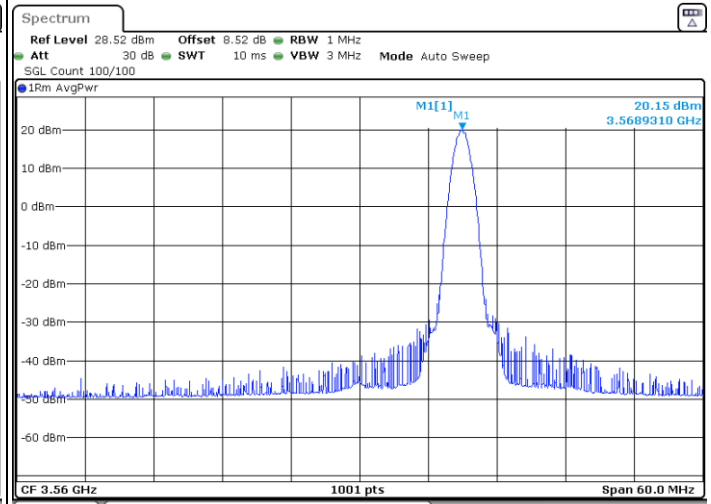
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

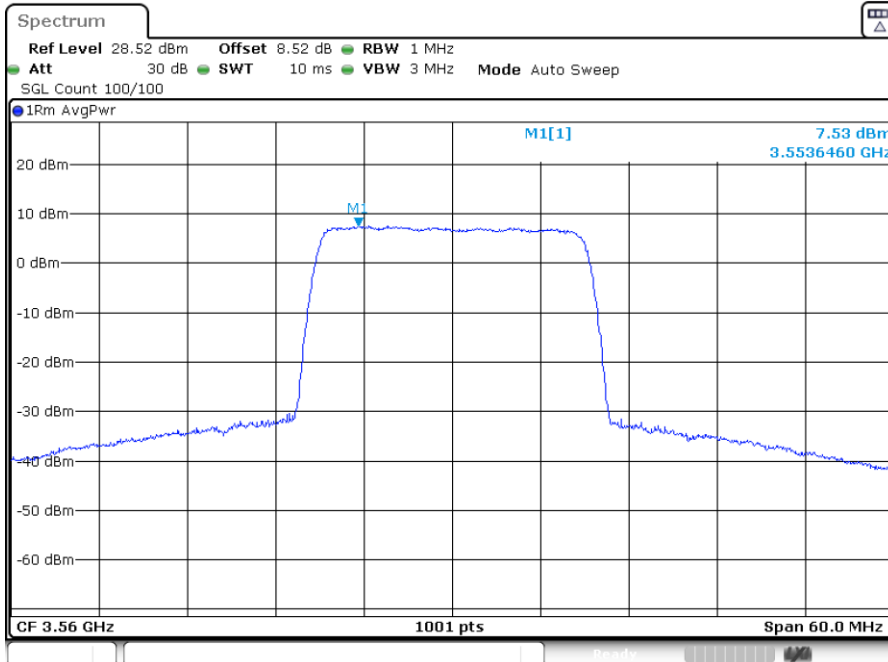


Date: 19.MAY.2023 10:24:23



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

Lowest Channel / Full RB



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

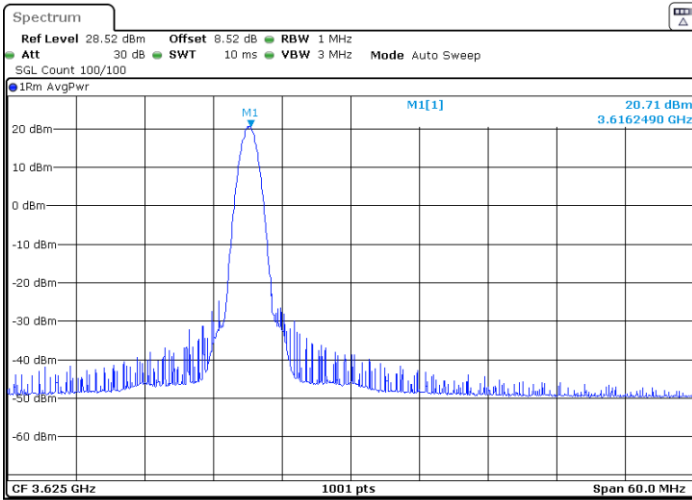


LTE Band 48 / 20MHz

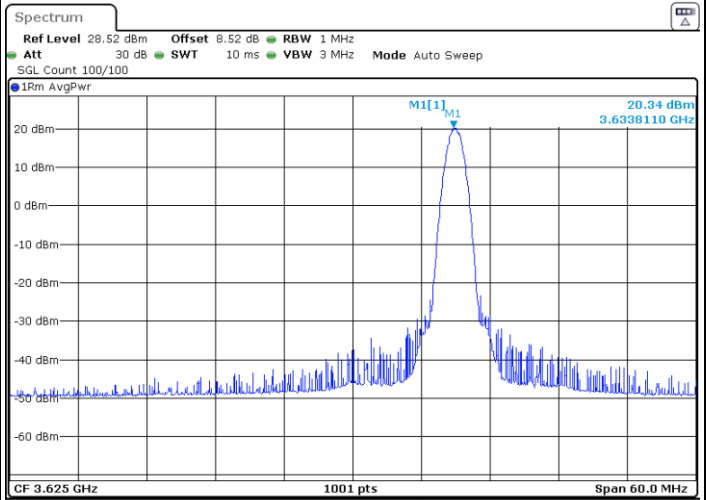
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

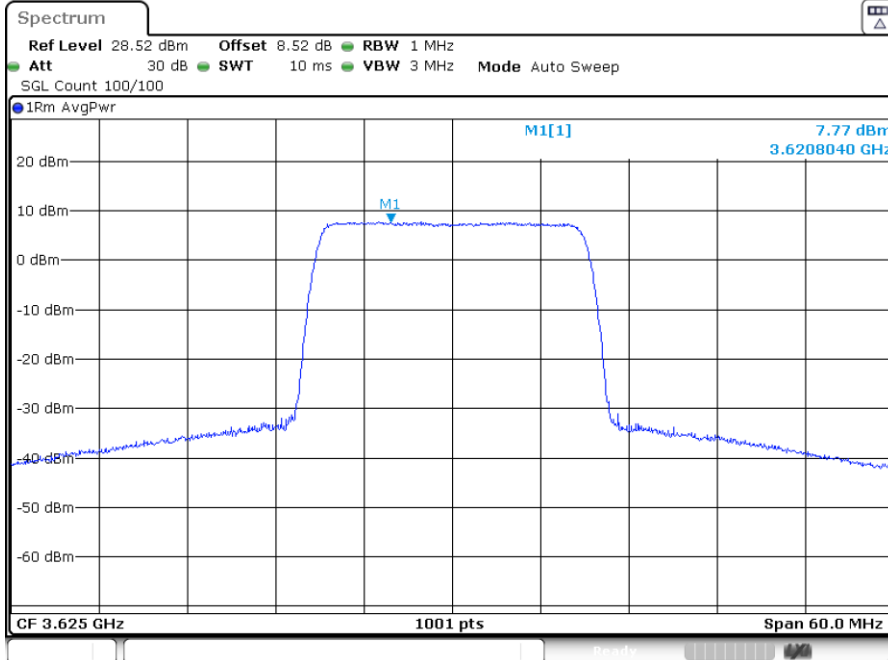


Date: 19.MAY.2023 10:31:33



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

Middle Channel / Full RB



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

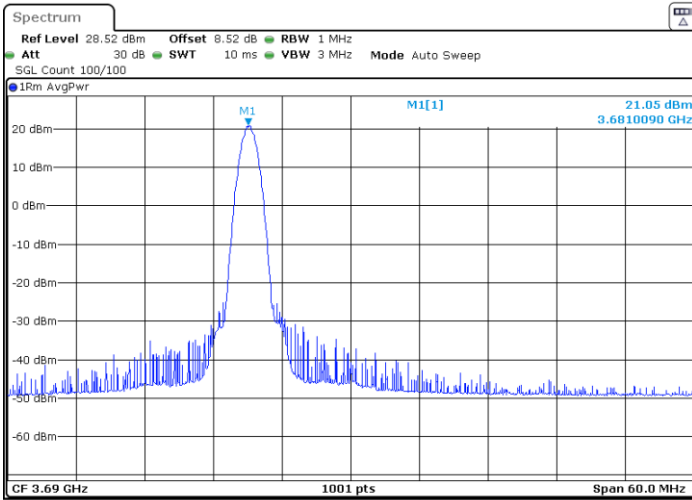


LTE Band 48 / 20MHz

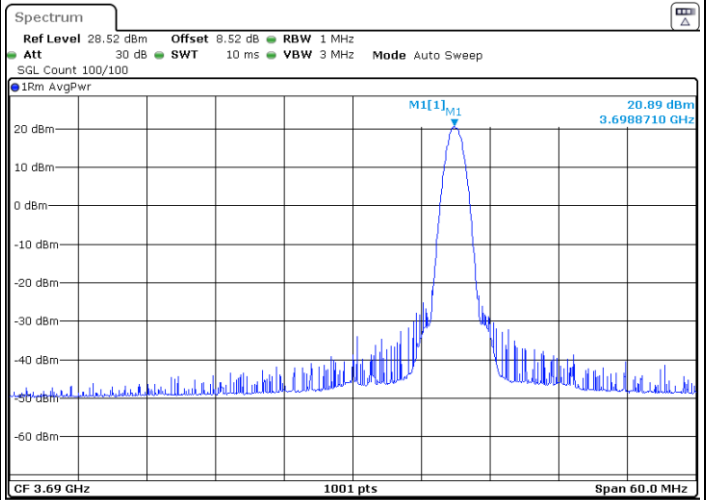
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

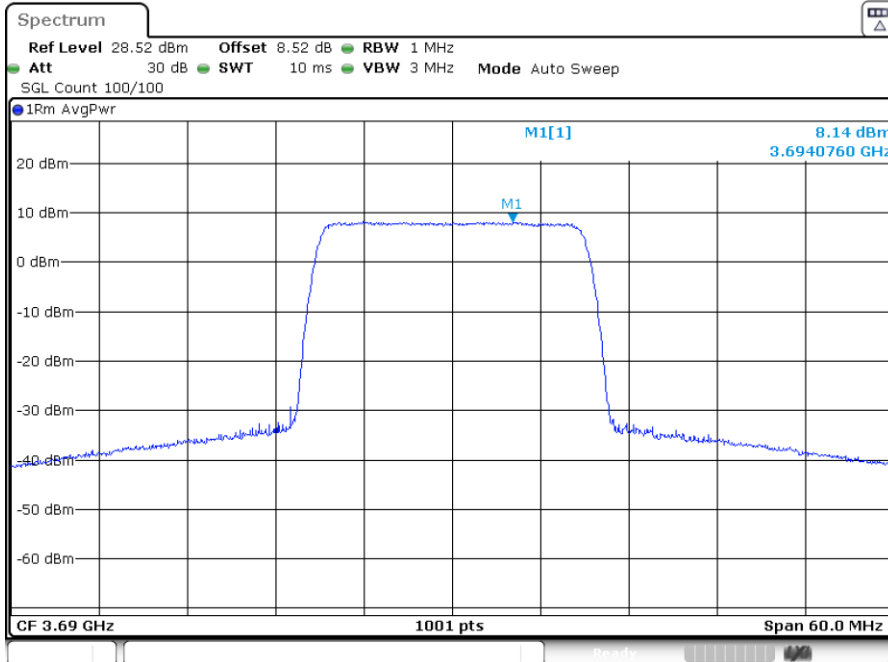


Date: 19.MAY.2023 10:37:20



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

Highest Channel / Full RB



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



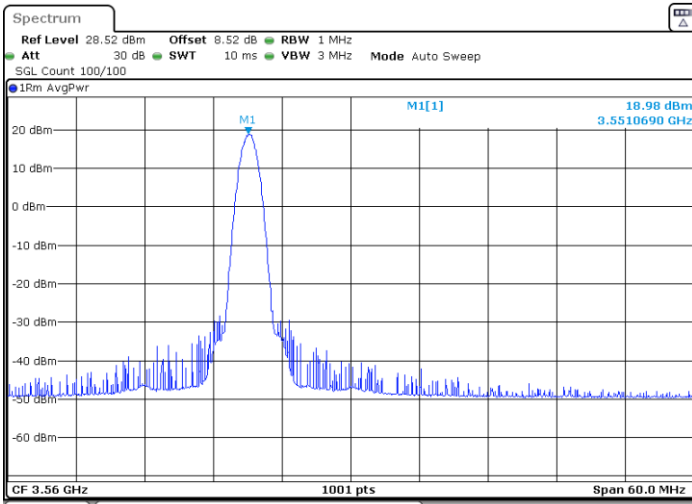


LTE Band 48 / 20MHz

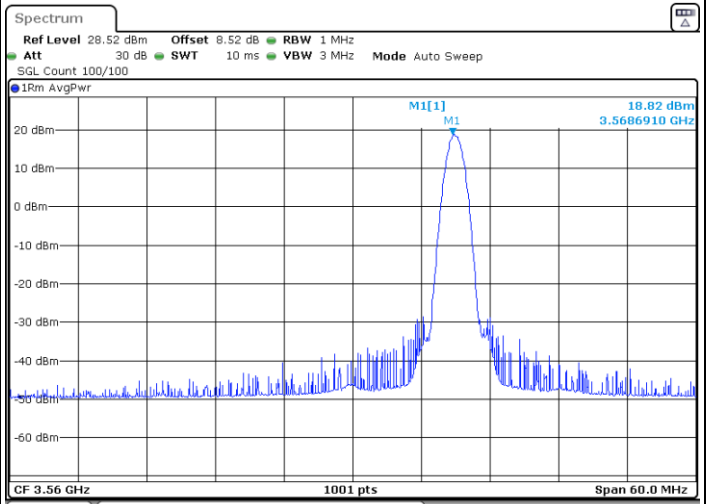
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

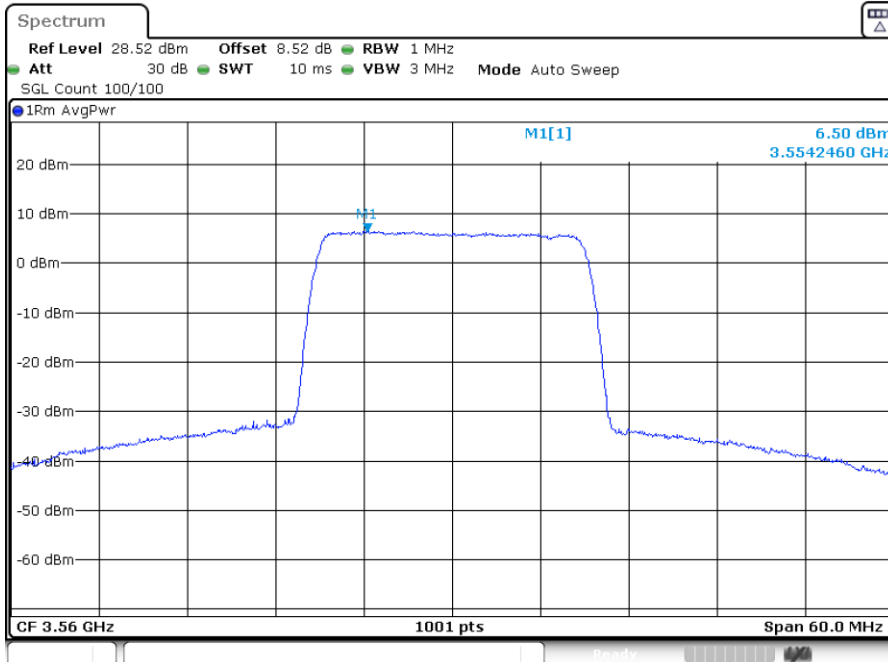


Date: 19.MAY.2023 10:24:52



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

Lowest Channel / Full RB



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

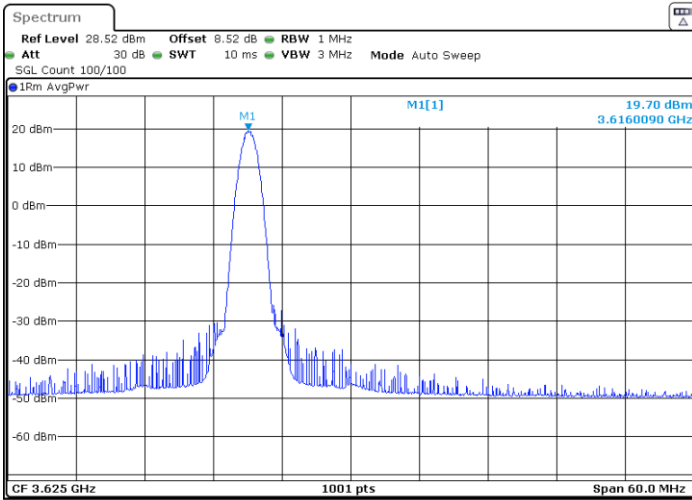


LTE Band 48 / 20MHz

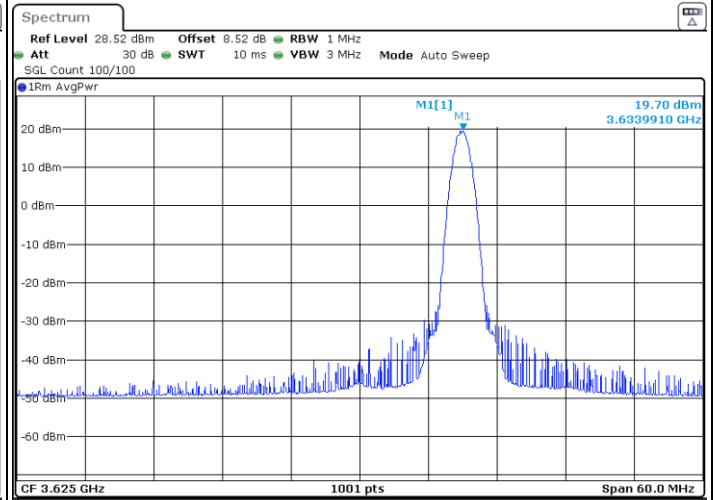
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

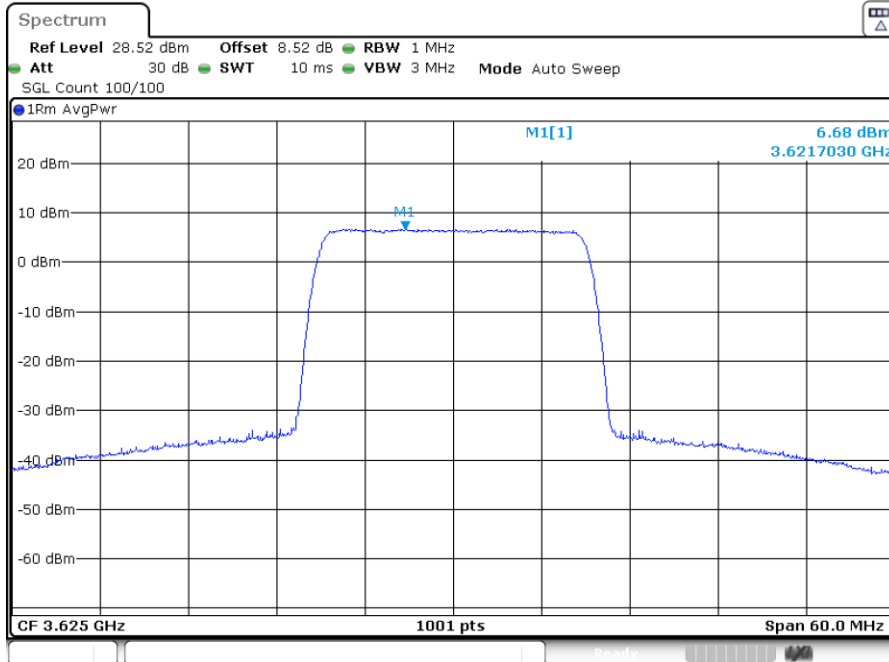


Date: 19.MAY.2023 10:32:02



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

Middle Channel / Full RB



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

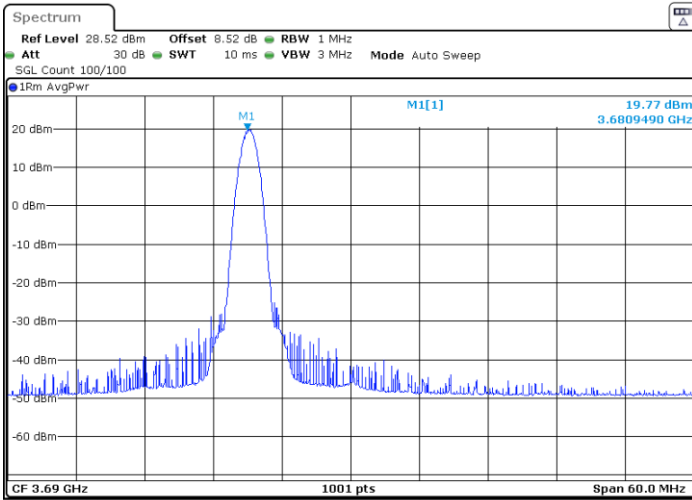


LTE Band 48 / 20MHz

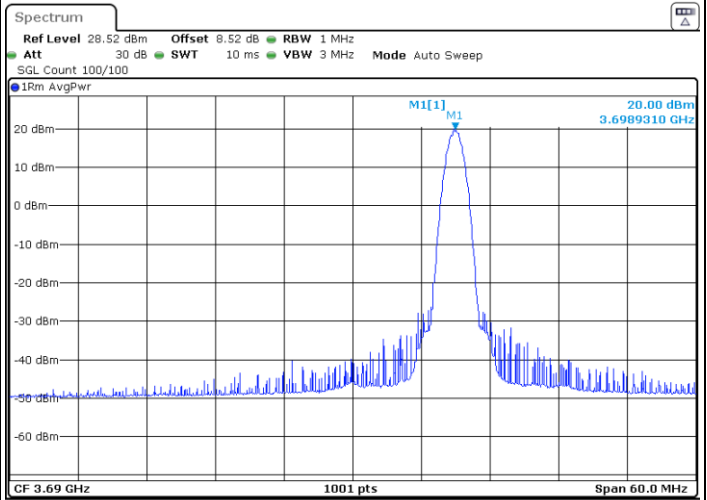
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

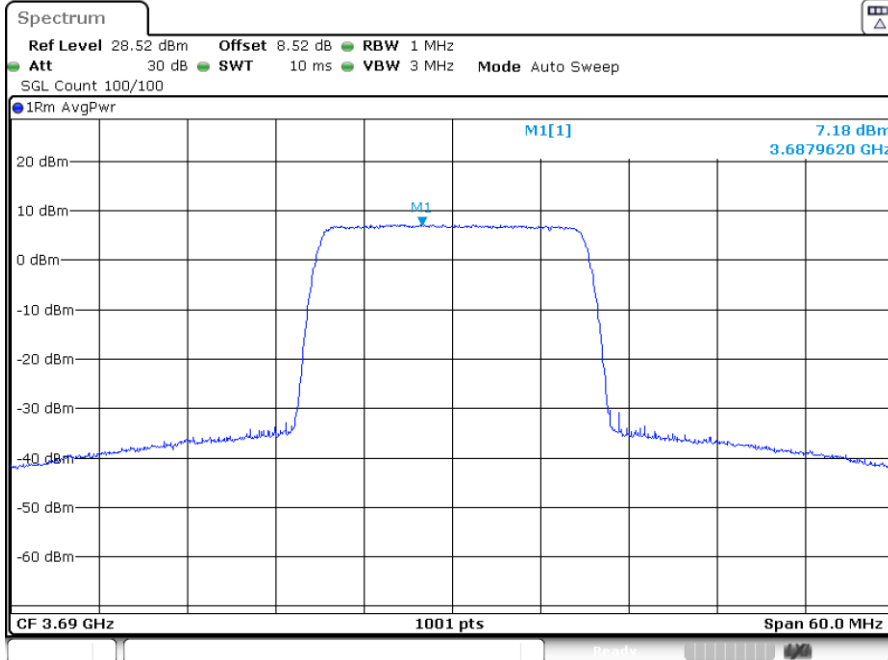


Date: 19.MAY.2023 10:37:49



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

Highest Channel / Full RB



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

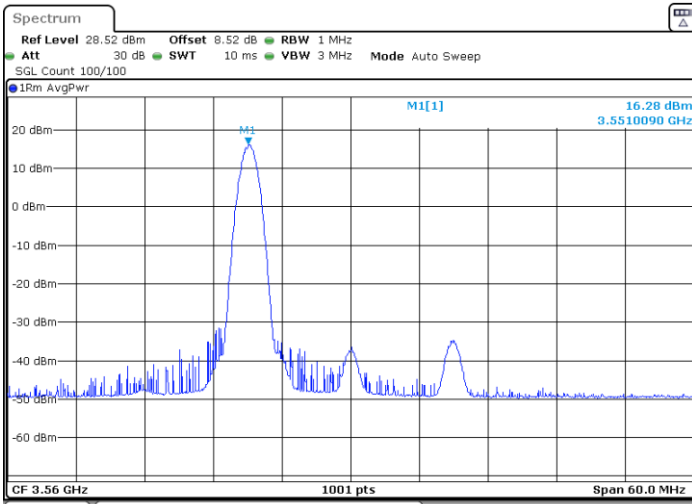


LTE Band 48 / 20MHz

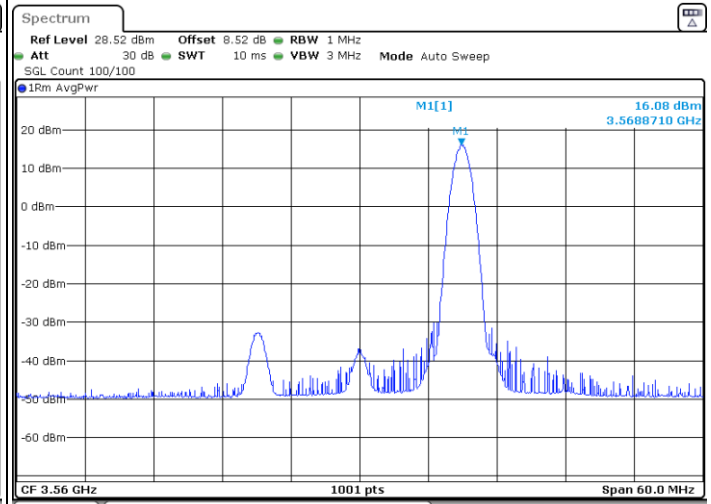
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

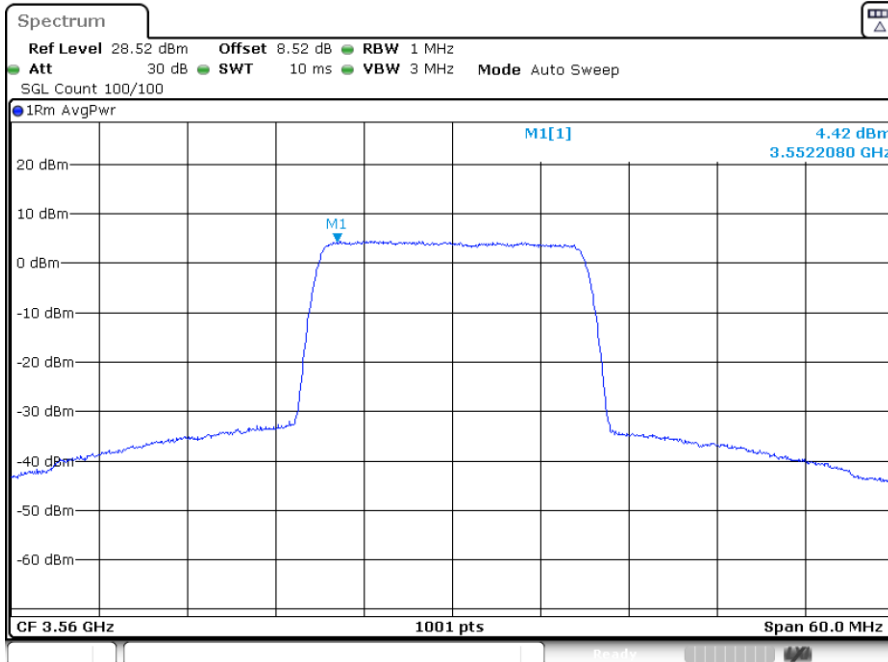


Date: 19.MAY.2023 10:25:22



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

Lowest Channel / Full RB



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

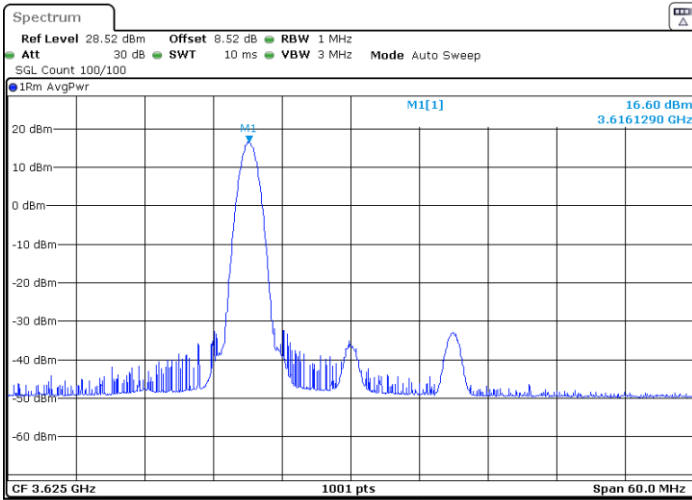


LTE Band 48 / 20MHz

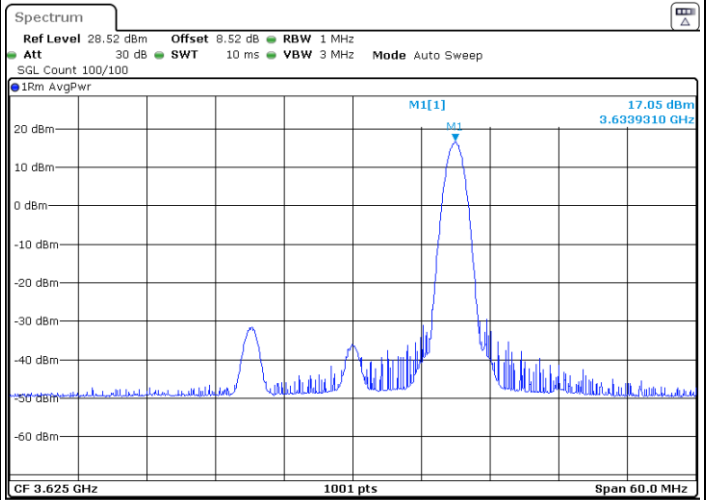
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

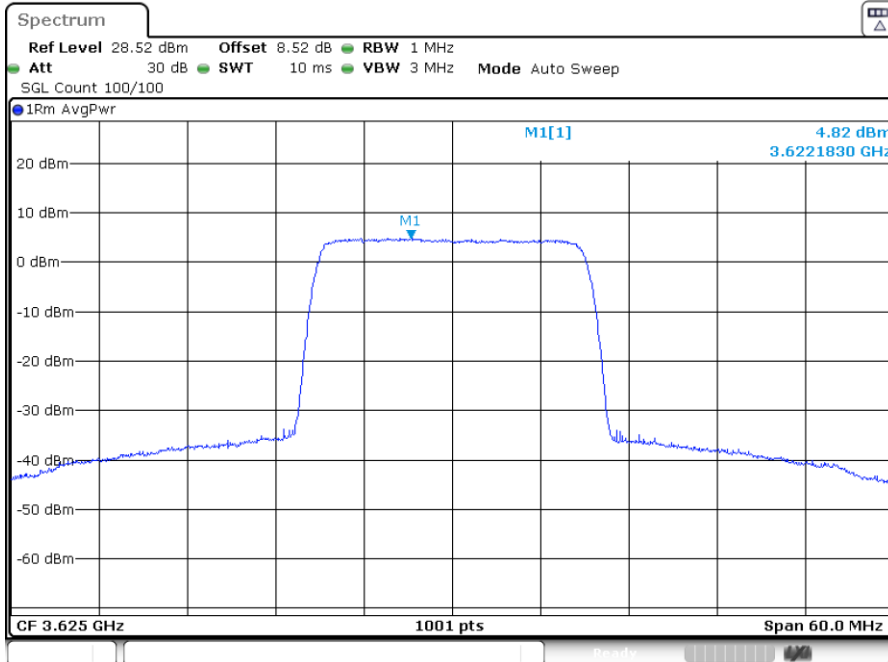


Date: 19.MAY.2023 10:32:31



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

Middle Channel / Full RB



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

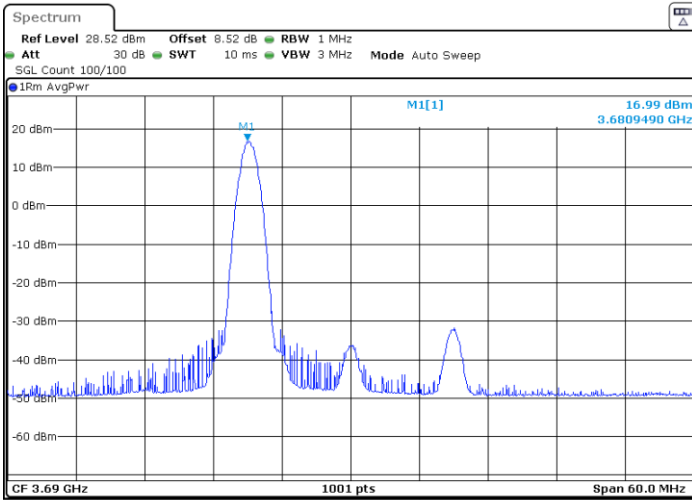


LTE Band 48 / 20MHz

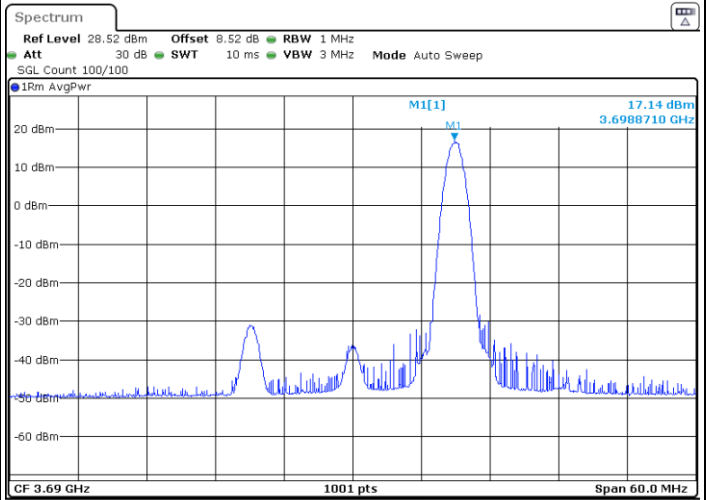
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

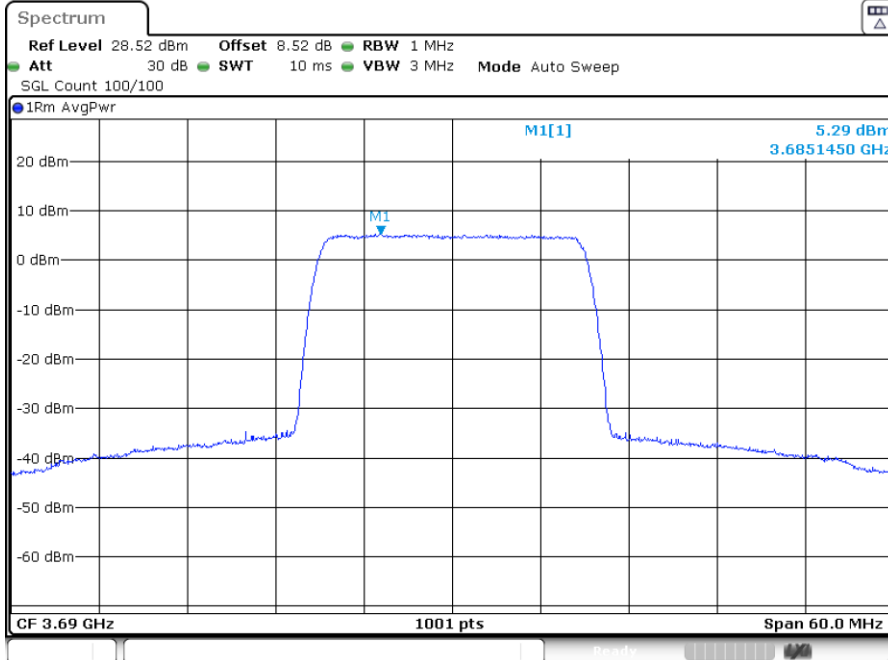


Date: 19.MAY.2023 10:38:19



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

Highest Channel / Full RB

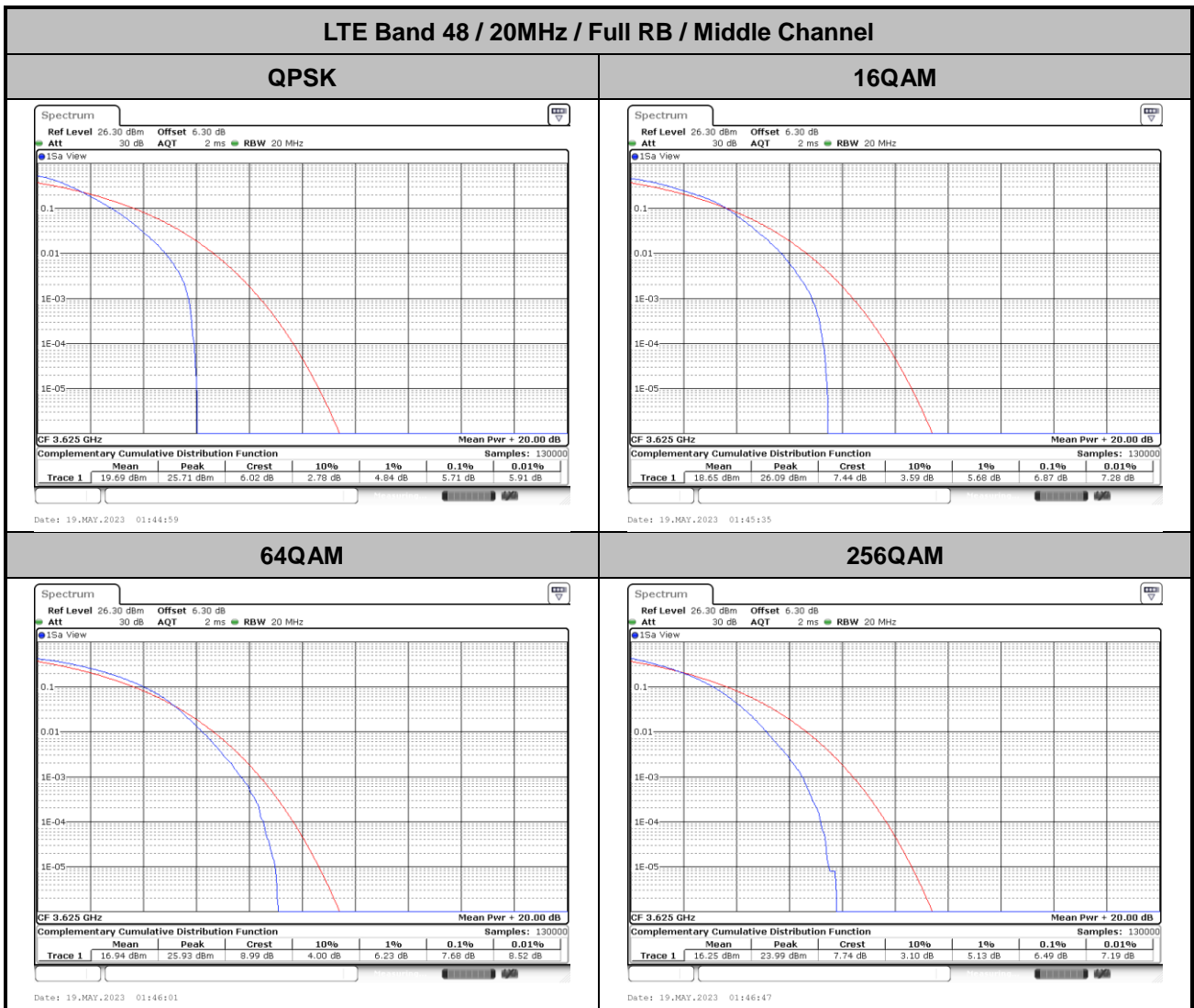


Date: 19.MAY.2023 10:42:38



# Peak-to-Average Ratio

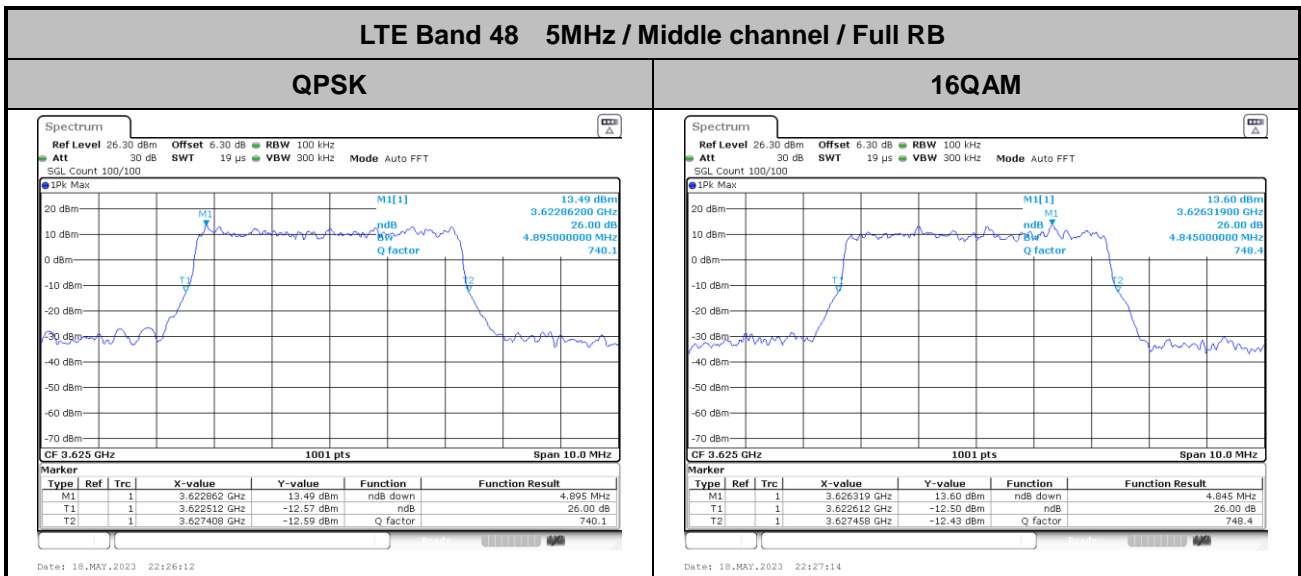
Mode	LTE Band 48 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB				Result
Middle CH	5.71	6.87	7.68	6.49	PASS





## 26dB Bandwidth

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

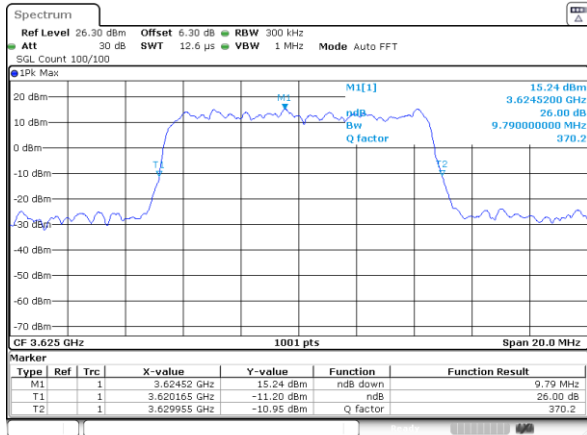






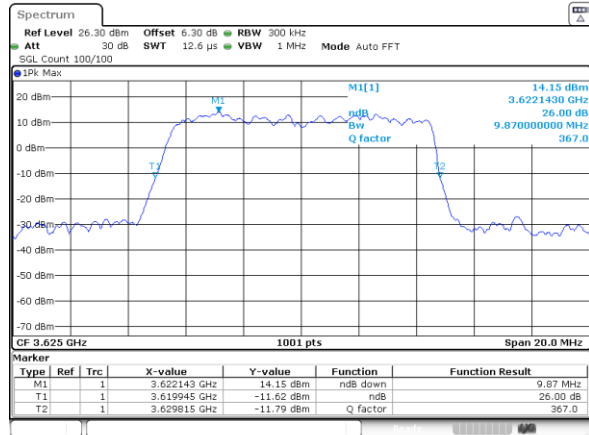
LTE Band 48 10MHz / Middle channel / Full RB

QPSK



Date: 19.MAY.2023 22:28:22

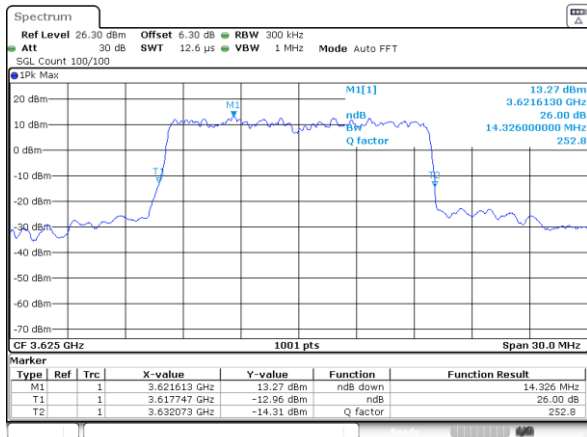
16QAM



Date: 19.MAY.2023 22:29:12

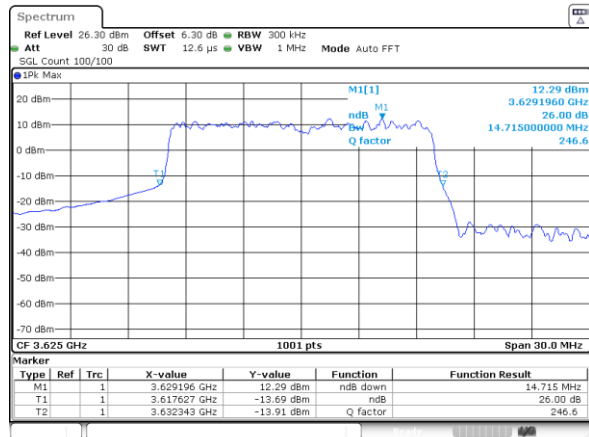
LTE Band 48 15MHz / Middle channel / Full RB

QPSK



Date: 19.MAY.2023 22:30:22

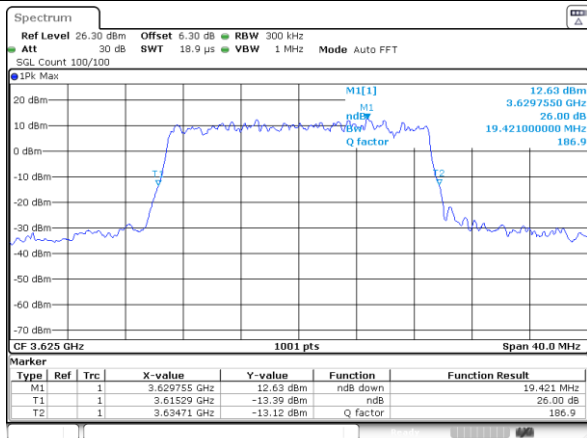
16QAM



Date: 19.MAY.2023 22:31:09

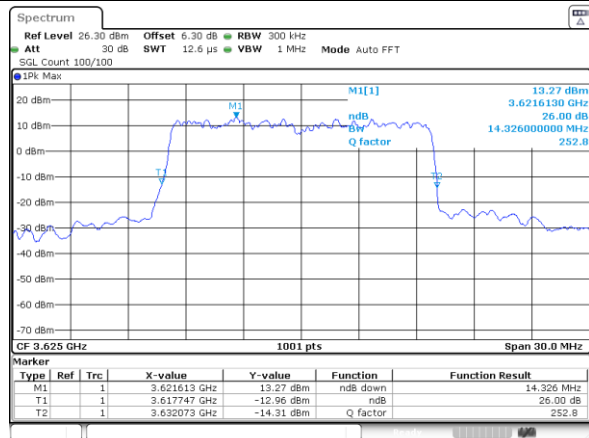
LTE Band 48 20MHz / Middle channel / Full RB

QPSK



Date: 19.MAY.2023 22:32:18

16QAM

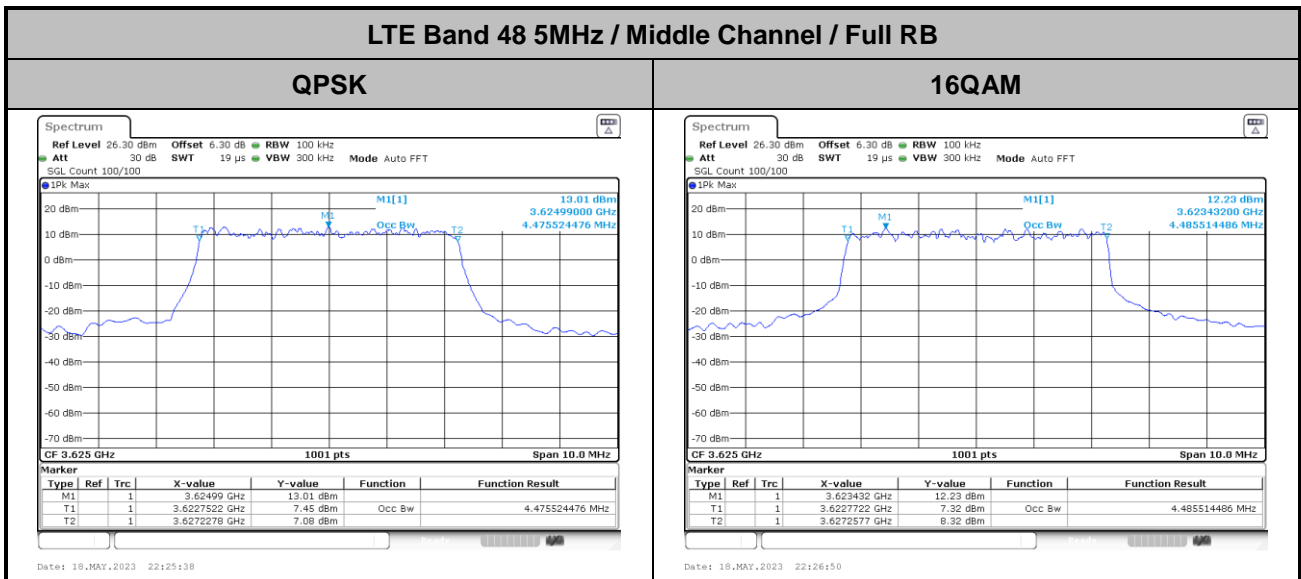


Date: 19.MAY.2023 22:30:22



# Occupied Bandwidth

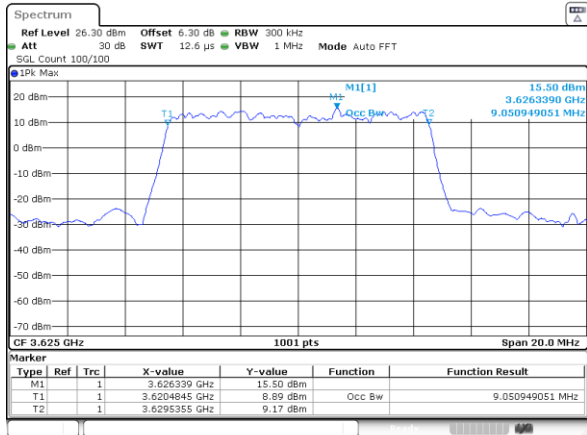
Mode	LTE Band 48 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHZ</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.48	4.49
<b>BW</b>	<b>10MHZ</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.05	9.13
<b>BW</b>	<b>15MHZ</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.43	13.46
<b>BW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





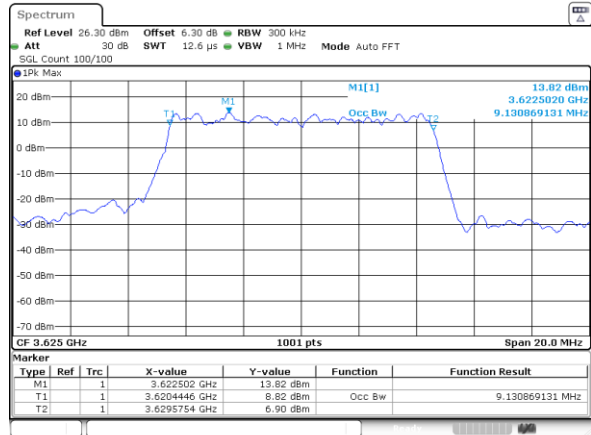
LTE Band 48 10MHz / Middle Channel / Full RB

QPSK



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

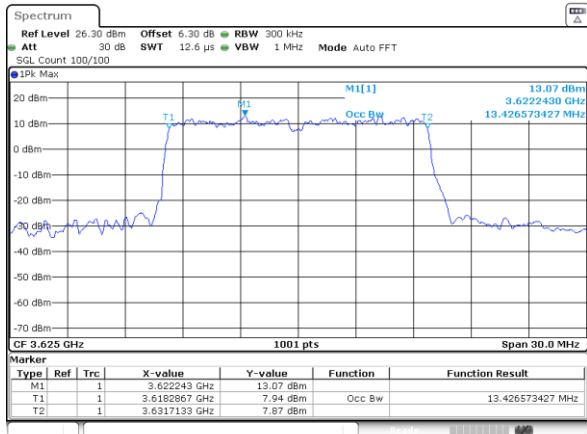
16QAM



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

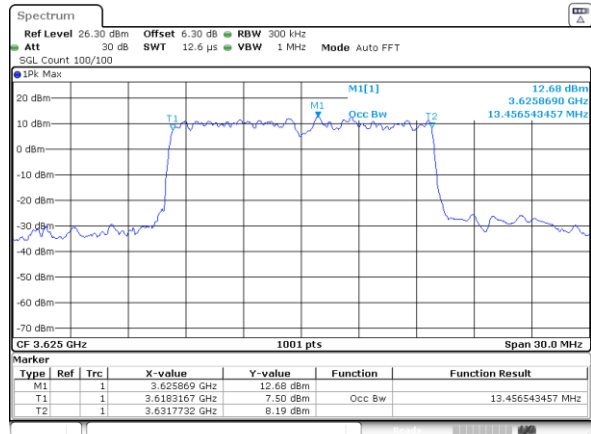
LTE Band 48 15MHz / Middle Channel / Full RB

QPSK



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

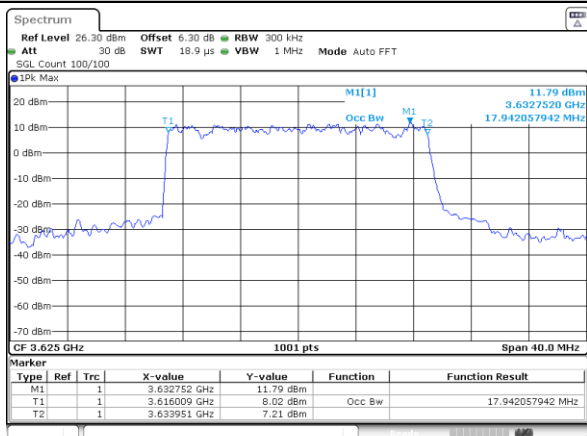
16QAM



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

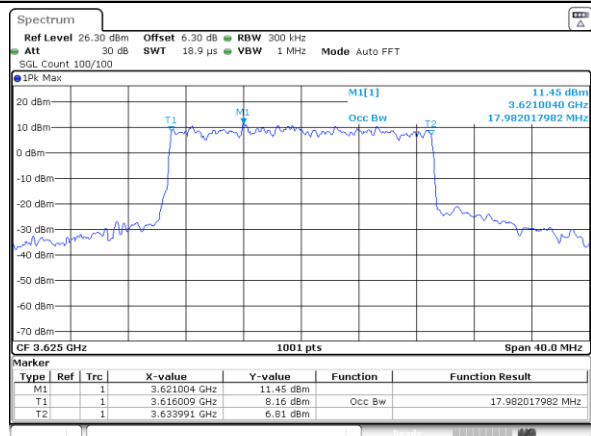
LTE Band 48 20MHz / Middle Channel / Full RB

QPSK



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

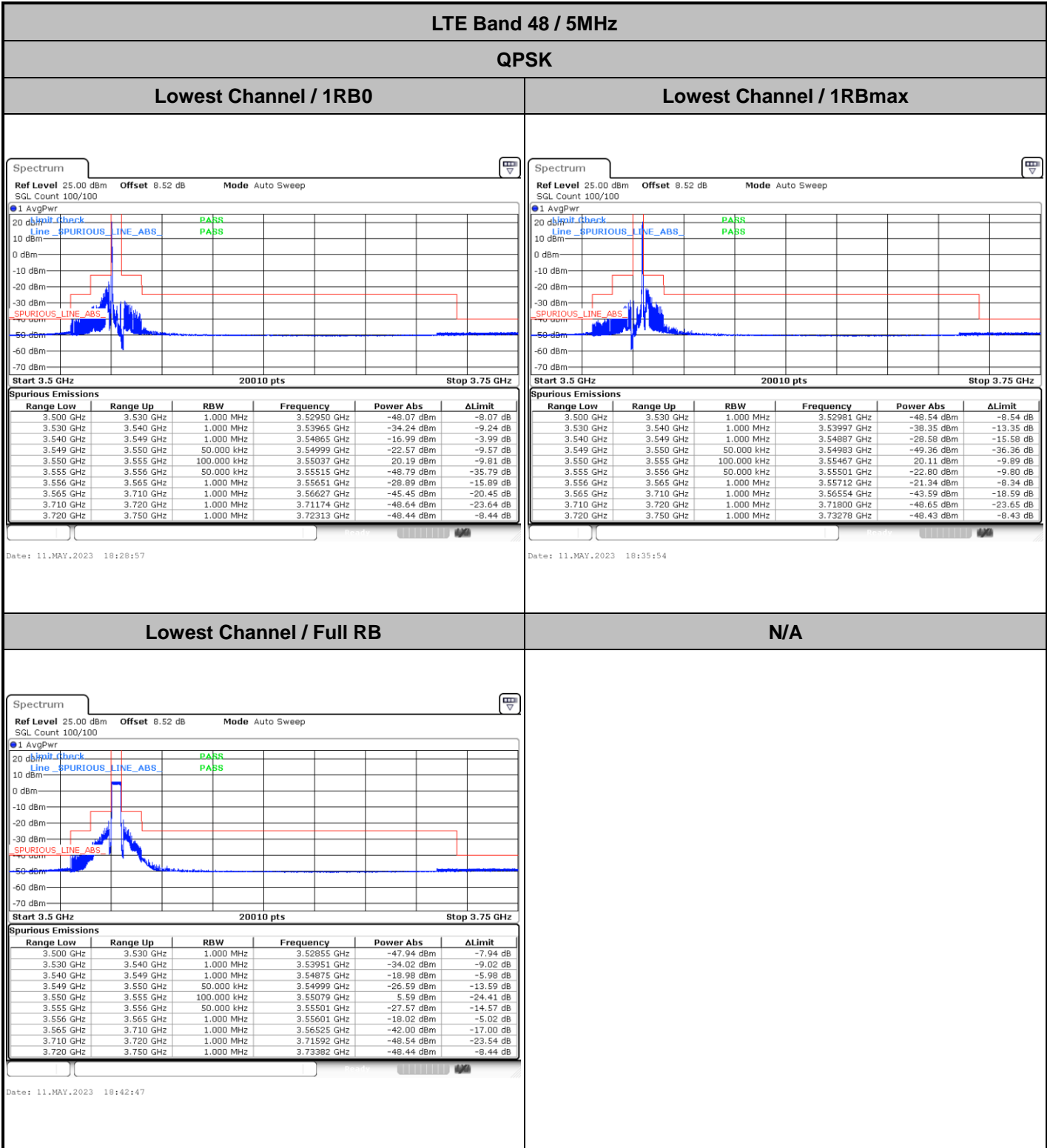
16QAM



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



# Conducted Band Edge



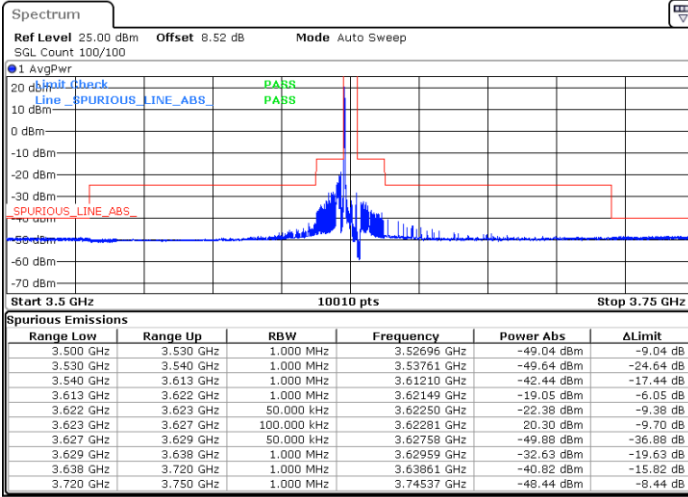


LTE Band 48 / 5MHz

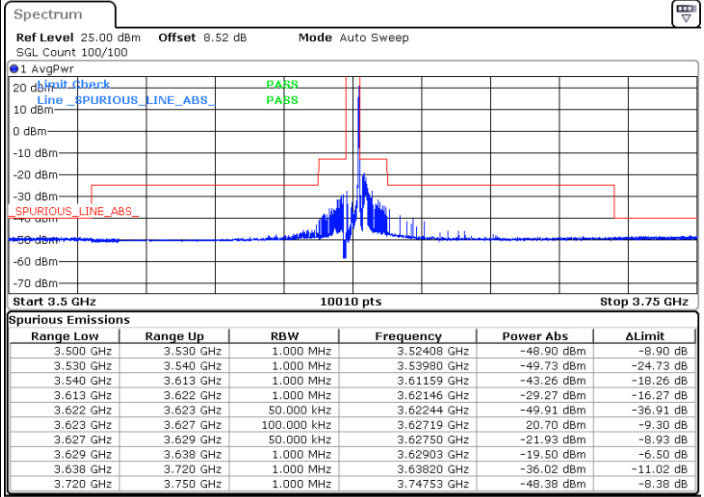
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



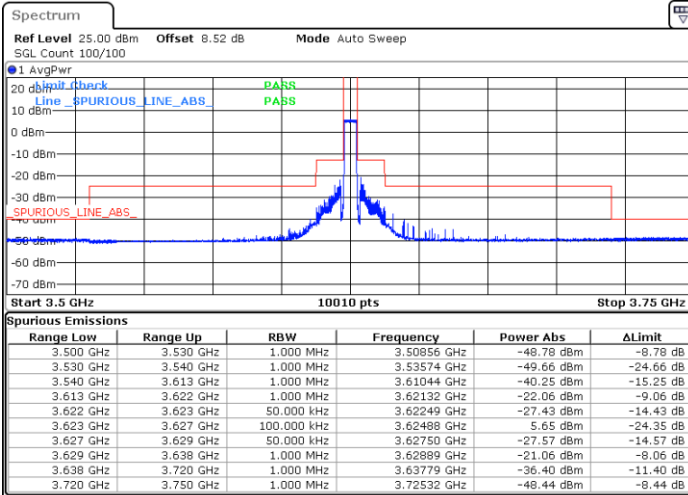
Date: 11.MAY.2023 18:54:56



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

Middle Channel / Full

N/A



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

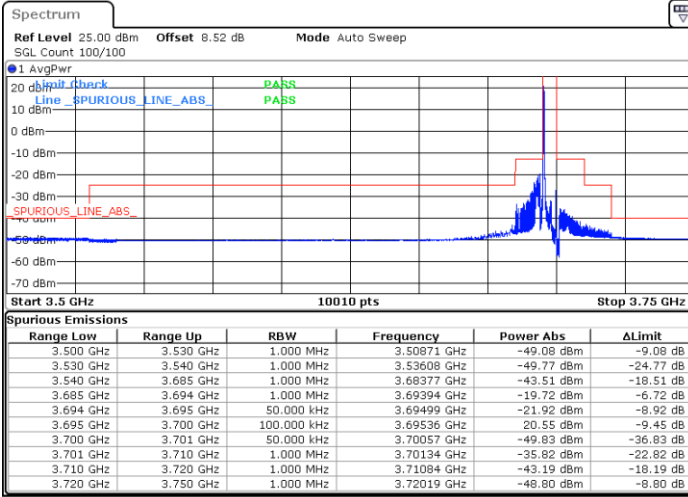


LTE Band 48 / 5MHz

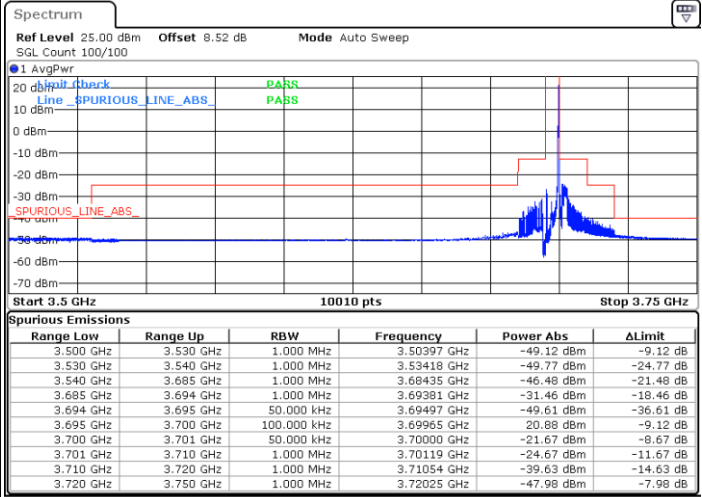
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



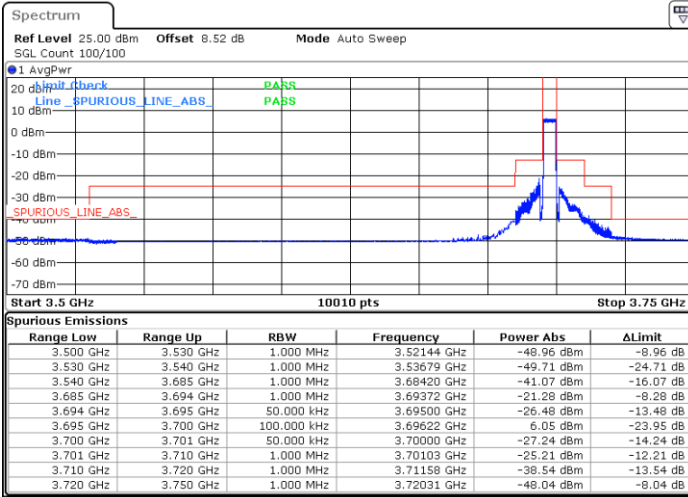
Date: 11.MAY.2023 19:15:26



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

Highest Channel / Full RB

N/A



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

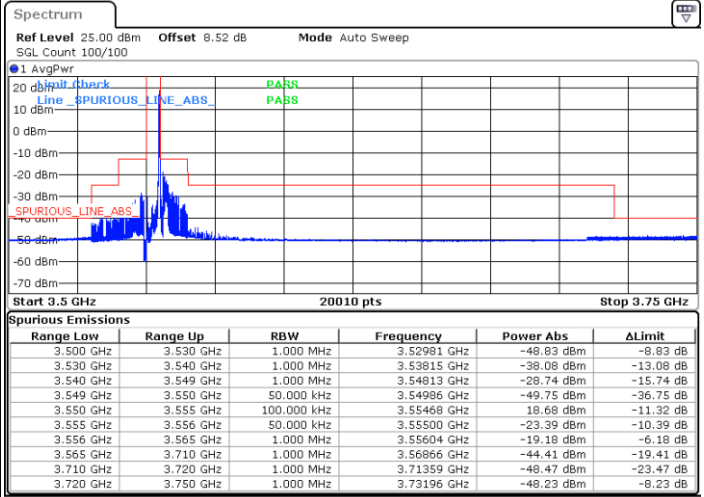
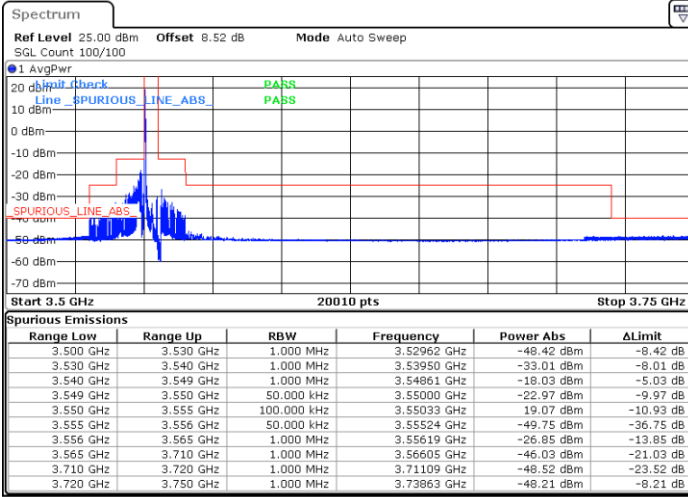


LTE Band 48 / 5MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

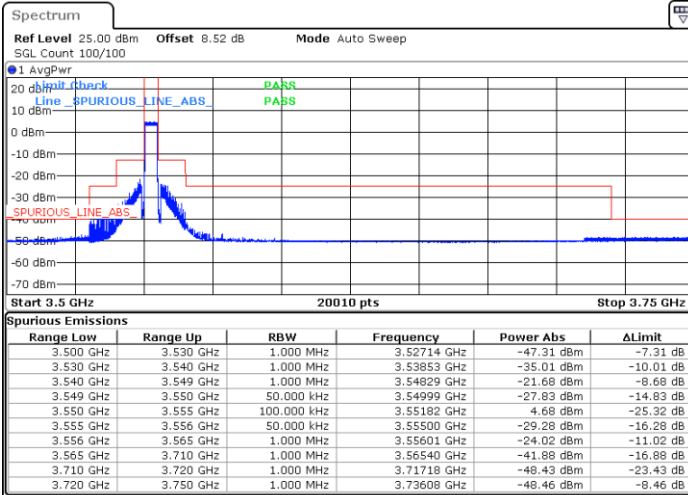


Date: 11.MAY.2023 18:30:41

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

Lowest Channel / Full RB

N/A



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

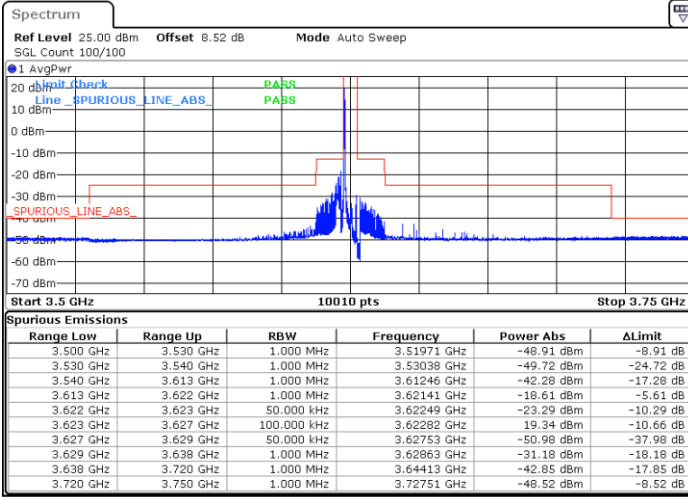


LTE Band 48 / 5MHz

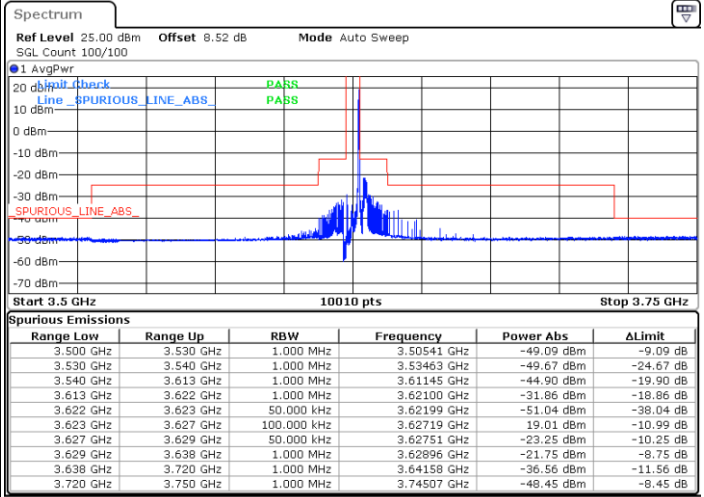
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



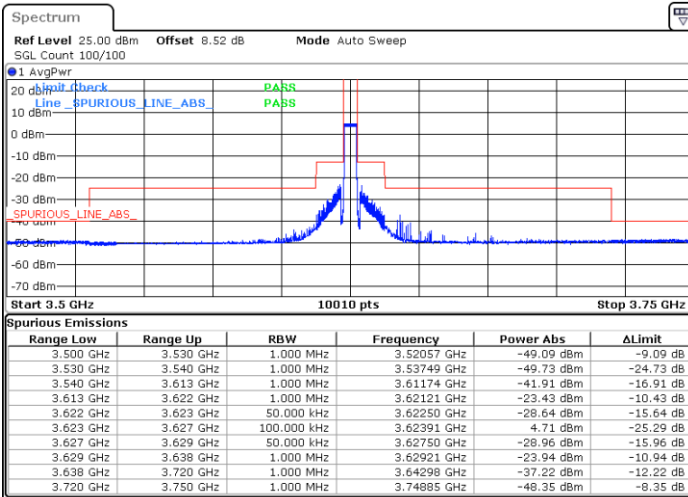
Date: 11.MAY.2023 18:56:39



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

Middle Channel / Full

N/A



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



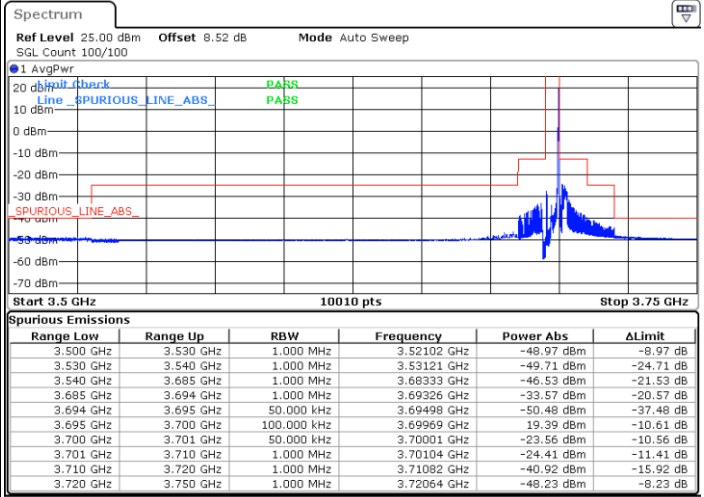
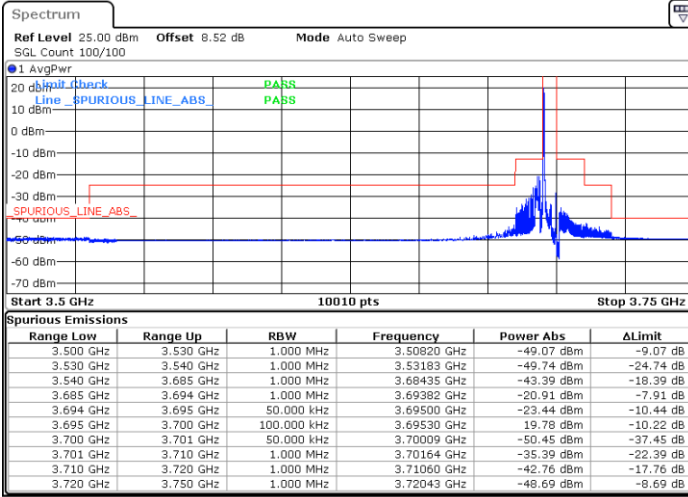


LTE Band 48 / 5MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

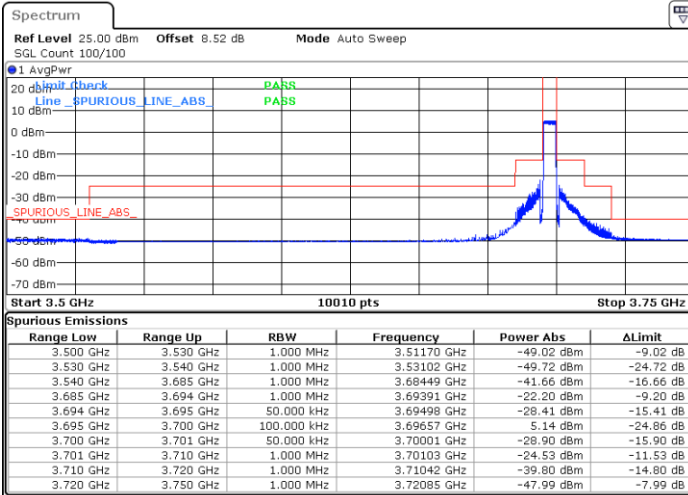


Date: 11.MAY.2023 19:17:10

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

Highest Channel / Full RB

N/A



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

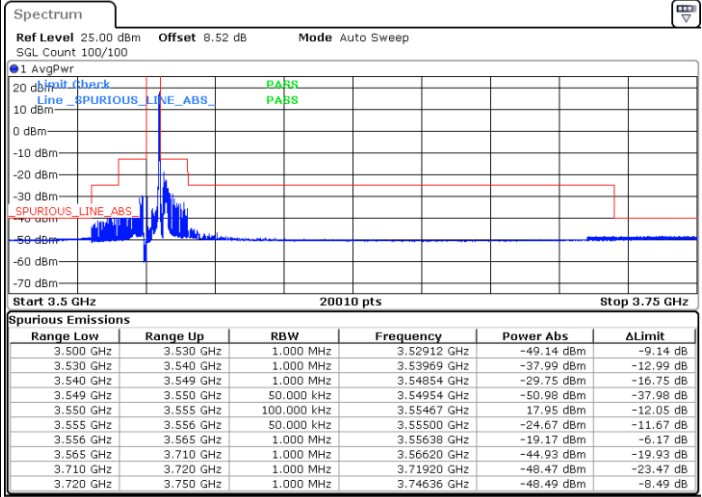
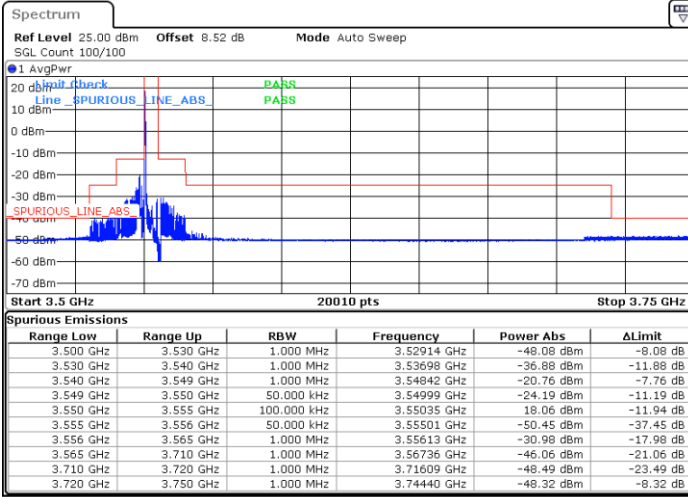


LTE Band 48 / 5MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

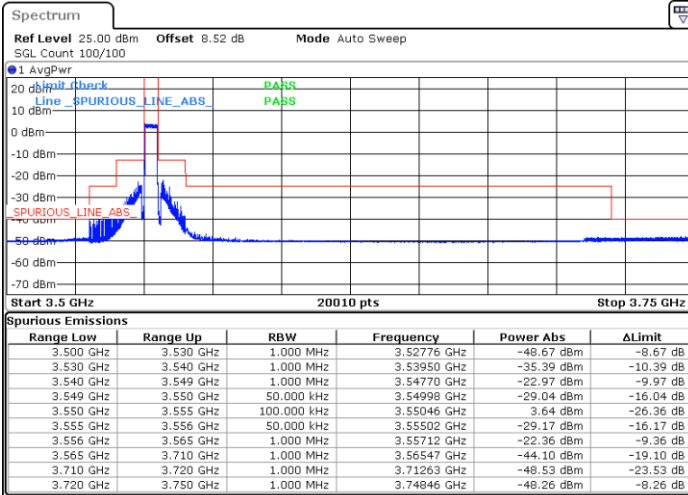


Date: 11.MAY.2023 18:32:25

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

Lowest Channel / Full RB

N/A



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

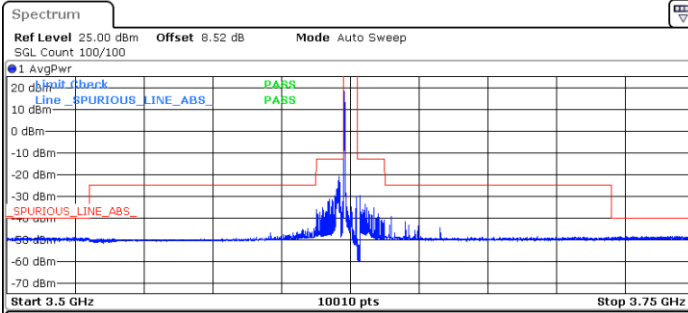


LTE Band 48 / 5MHz

64QAM

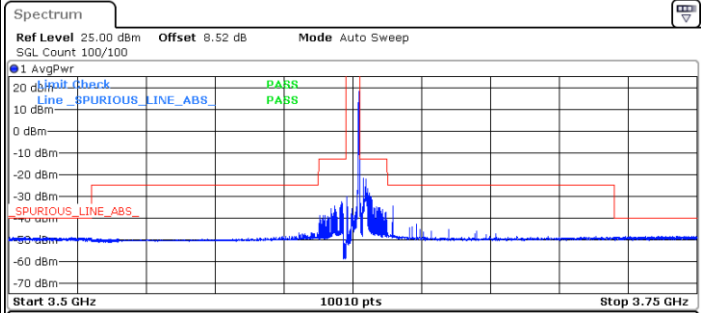
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51182 GHz	-49.10 dBm	-9.10 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53722 GHz	-49.72 dBm	-24.72 dB
3.540 GHz	3.613 GHz	1.000 MHz	3.61232 GHz	-44.31 dBm	-19.31 dB
3.613 GHz	3.622 GHz	1.000 MHz	3.62087 GHz	-21.03 dBm	-8.03 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62250 GHz	-23.90 dBm	-10.90 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62284 GHz	18.35 dBm	-11.65 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62800 GHz	-52.53 dBm	-39.53 dB
3.629 GHz	3.638 GHz	1.000 MHz	3.62861 GHz	-29.93 dBm	-16.93 dB
3.638 GHz	3.720 GHz	1.000 MHz	3.63985 GHz	-39.28 dBm	-14.28 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74450 GHz	-48.53 dBm	-8.53 dB

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

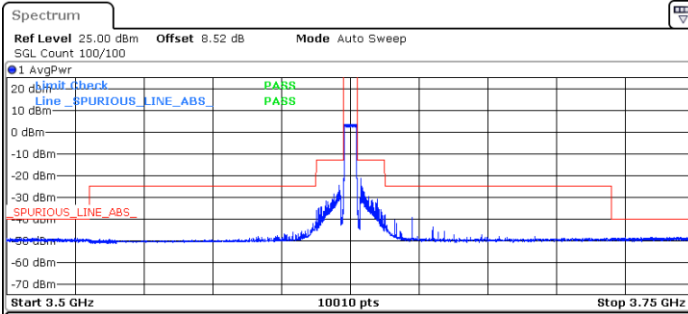


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51404 GHz	-49.09 dBm	-9.09 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53694 GHz	-49.86 dBm	-24.86 dB
3.540 GHz	3.613 GHz	1.000 MHz	3.60971 GHz	-46.82 dBm	-21.82 dB
3.613 GHz	3.622 GHz	1.000 MHz	3.62077 GHz	-32.44 dBm	-19.44 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62238 GHz	-51.36 dBm	-38.36 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62719 GHz	18.03 dBm	-11.97 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62751 GHz	-25.25 dBm	-12.25 dB
3.629 GHz	3.638 GHz	1.000 MHz	3.62877 GHz	-21.64 dBm	-8.64 dB
3.638 GHz	3.720 GHz	1.000 MHz	3.63944 GHz	-34.57 dBm	-9.57 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74537 GHz	-48.49 dBm	-8.49 dB

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

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52456 GHz	-48.85 dBm	-8.85 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53392 GHz	-49.54 dBm	-24.54 dB
3.540 GHz	3.613 GHz	1.000 MHz	3.61239 GHz	-41.31 dBm	-16.31 dB
3.613 GHz	3.622 GHz	1.000 MHz	3.62090 GHz	-24.46 dBm	-11.46 dB
3.622 GHz	3.623 GHz	50.000 kHz	3.62248 GHz	-29.55 dBm	-16.55 dB
3.623 GHz	3.627 GHz	100.000 kHz	3.62414 GHz	3.56 dBm	-26.44 dB
3.627 GHz	3.629 GHz	50.000 kHz	3.62753 GHz	-30.29 dBm	-17.29 dB
3.629 GHz	3.638 GHz	1.000 MHz	3.62868 GHz	-21.57 dBm	-8.57 dB
3.638 GHz	3.720 GHz	1.000 MHz	3.63754 GHz	-38.13 dBm	-13.13 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73407 GHz	-48.41 dBm	-8.41 dB

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

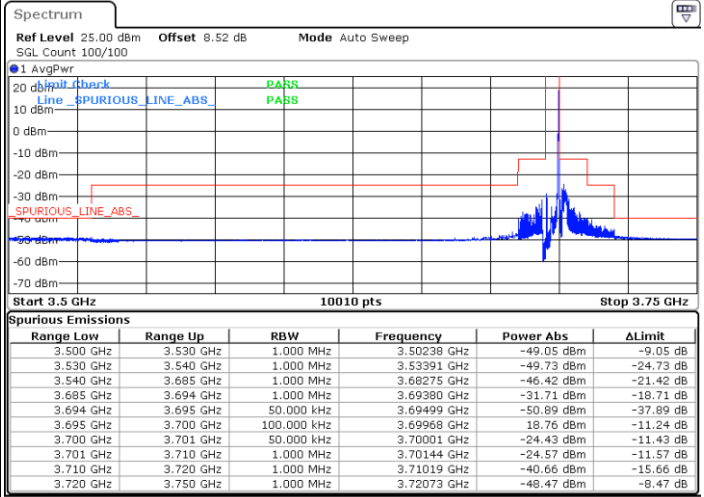
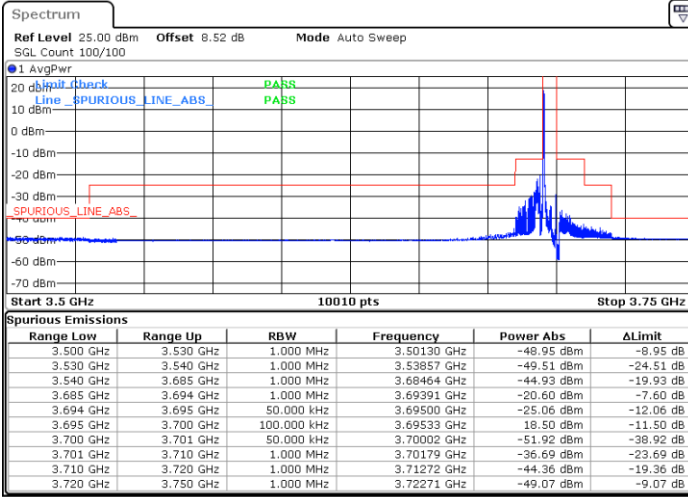


LTE Band 48 / 5MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

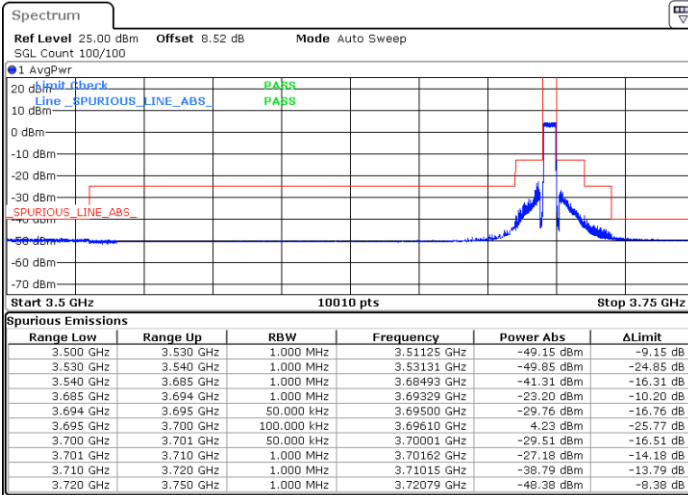


Date: 11.MAY.2023 19:18:54

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

Highest Channel / Full RB

N/A



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

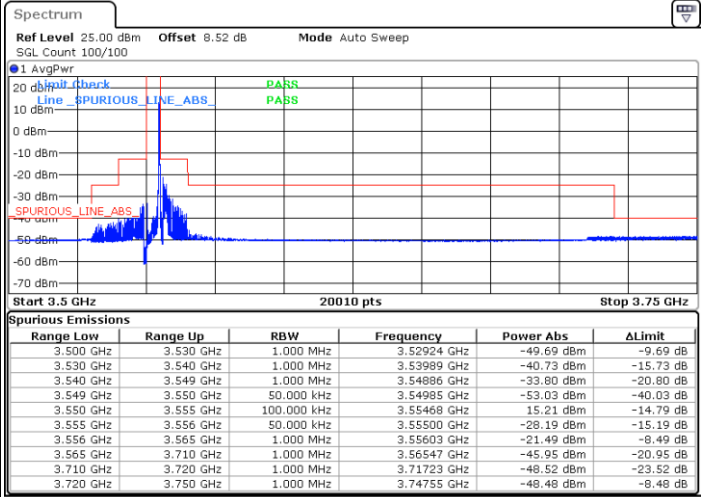
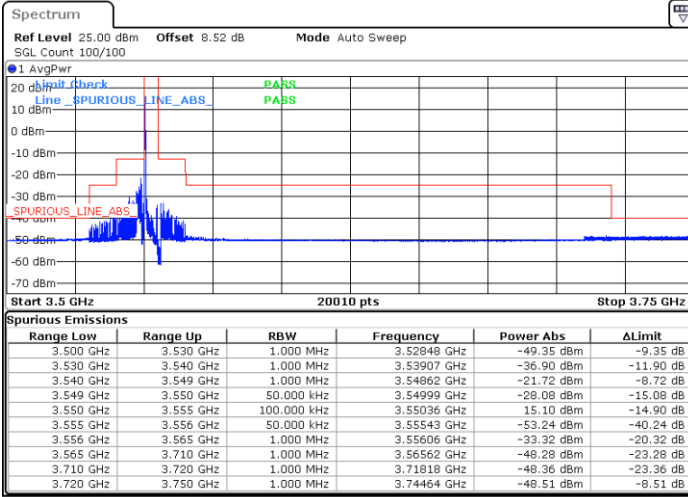


LTE Band 48 / 5MHz

256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

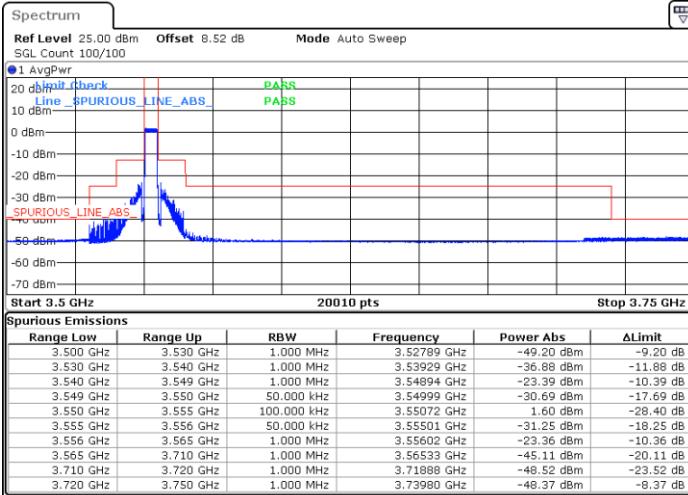


Date: 11.MAY.2023 18:34:08

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

Lowest Channel / Full RB

N/A



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

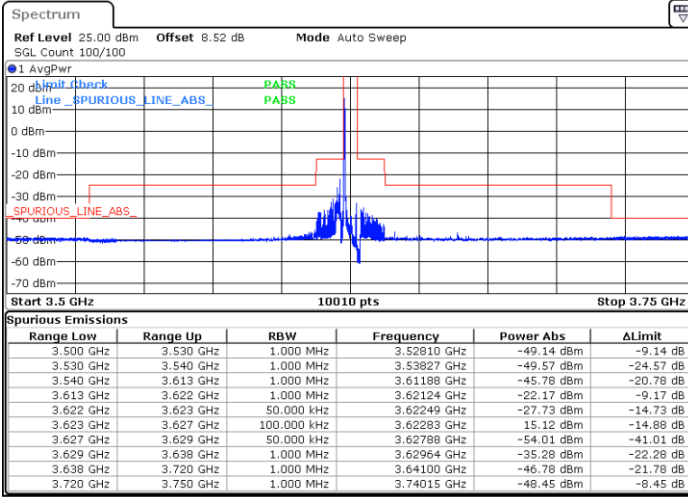


LTE Band 48 / 5MHz

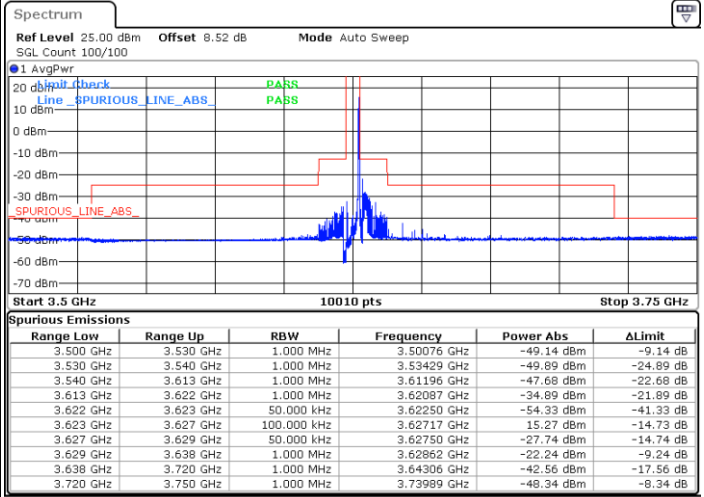
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



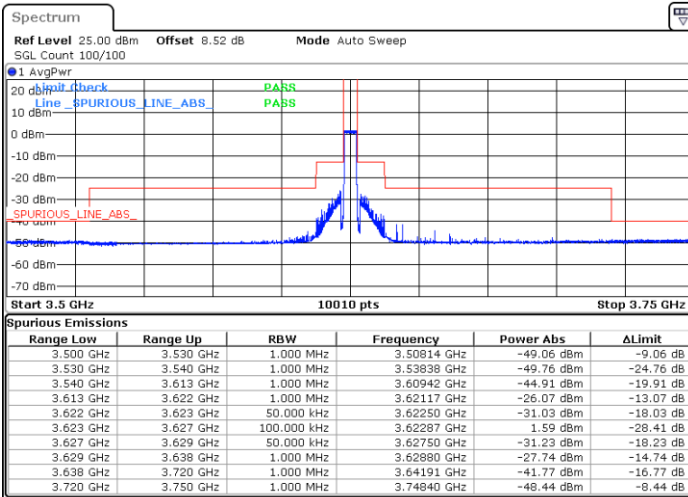
Date: 11.MAY.2023 19:00:03



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

Middle Channel / Full

N/A



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

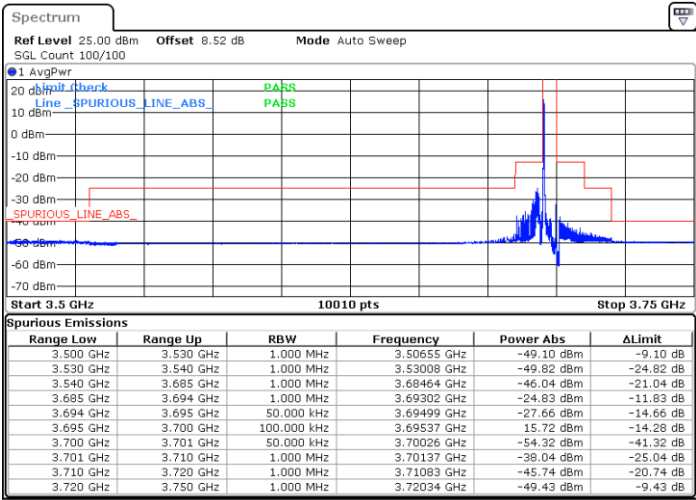


LTE Band 48 / 5MHz

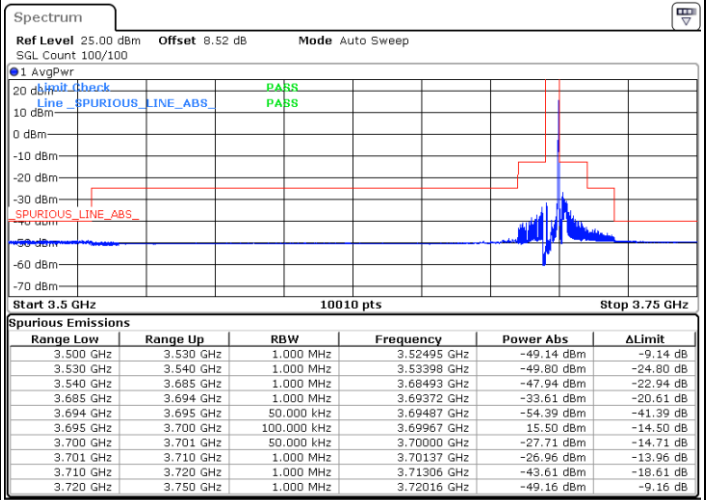
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



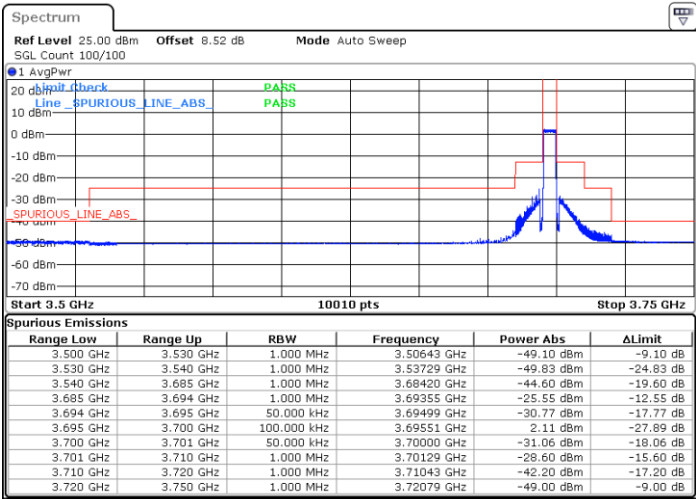
Date: 11.MAY.2023 19:20:38



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

Highest Channel / Full RB

N/A



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

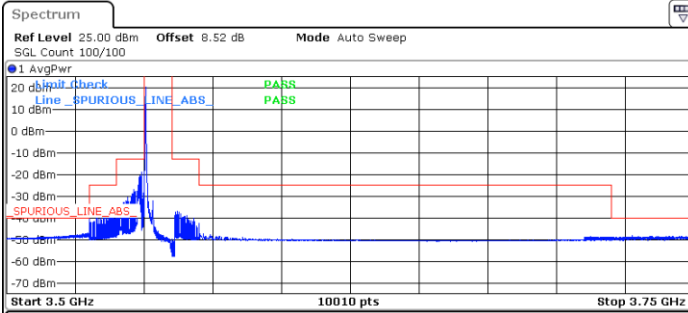


LTE Band 48 / 10MHz

QPSK

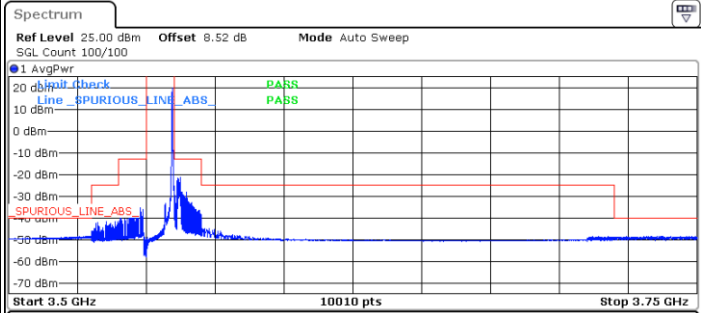
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52945 GHz	-47.07 dBm	-7.07 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53897 GHz	-37.16 dBm	-12.16 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54891 GHz	-18.91 dBm	-5.91 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.54997 GHz	-25.74 dBm	-12.74 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55060 GHz	20.09 dBm	-9.91 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.56015 GHz	-49.76 dBm	-36.76 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56189 GHz	-36.95 dBm	-23.95 dB
3.570 GHz	3.710 GHz	1.000 MHz	3.57161 GHz	-47.23 dBm	-22.23 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71239 GHz	-48.74 dBm	-23.74 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72739 GHz	-48.39 dBm	-8.39 dB

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

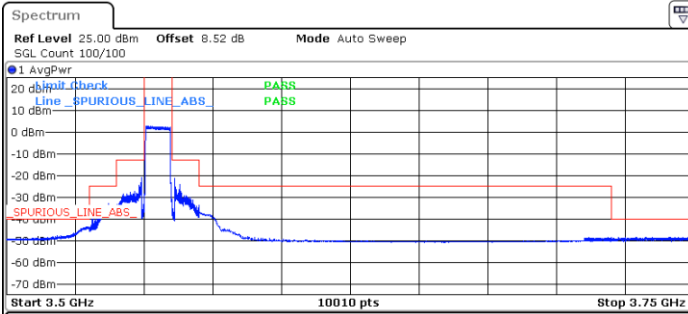


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52999 GHz	-48.30 dBm	-8.30 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53530 GHz	-41.62 dBm	-16.62 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54789 GHz	-35.34 dBm	-22.34 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.54939 GHz	-48.86 dBm	-35.86 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55942 GHz	19.69 dBm	-10.32 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.56002 GHz	-25.34 dBm	-12.34 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56225 GHz	-21.50 dBm	-8.50 dB
3.570 GHz	3.710 GHz	1.000 MHz	3.57273 GHz	-44.86 dBm	-19.86 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71216 GHz	-48.66 dBm	-23.66 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73698 GHz	-48.60 dBm	-8.60 dB

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

Lowest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52891 GHz	-43.80 dBm	-3.80 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53708 GHz	-33.19 dBm	-8.19 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54897 GHz	-21.11 dBm	-8.11 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.54999 GHz	-30.19 dBm	-17.19 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55132 GHz	2.54 dBm	-27.46 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.56002 GHz	-31.17 dBm	-18.17 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56100 GHz	-21.43 dBm	-8.43 dB
3.570 GHz	3.710 GHz	1.000 MHz	3.57035 GHz	-37.15 dBm	-12.15 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71877 GHz	-48.65 dBm	-23.65 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73245 GHz	-48.47 dBm	-8.47 dB

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