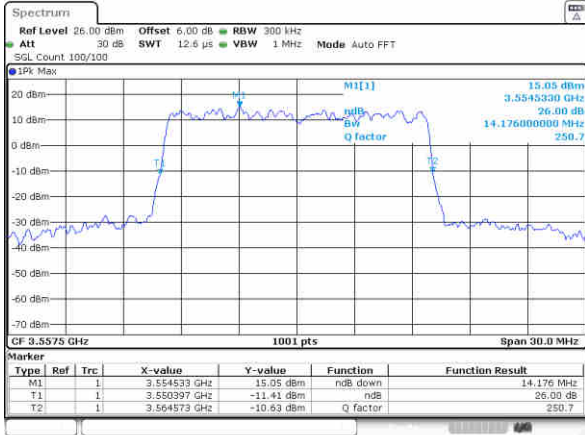




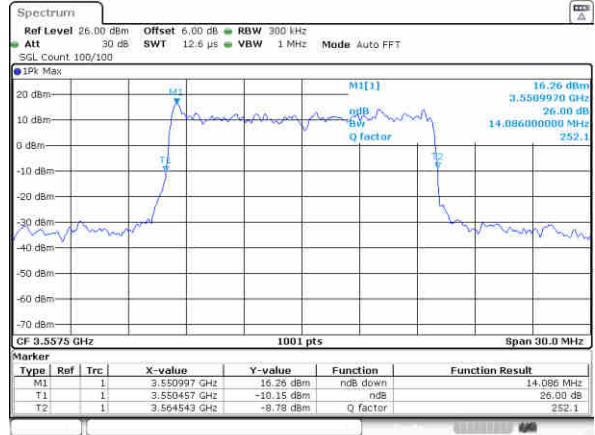
LTE Band 48

Lowest Channel / 15MHz / QPSK



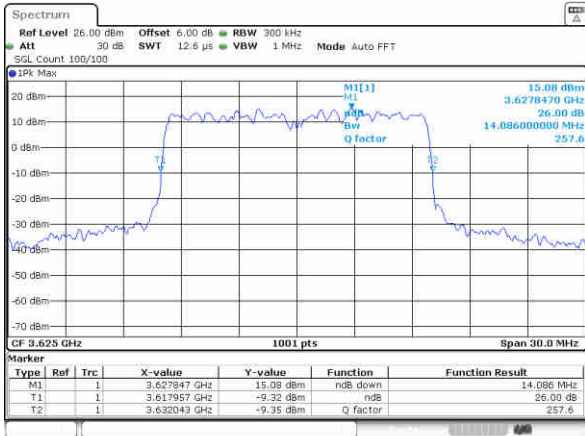
Date: 31-Jul-2020 14:06:15

Lowest Channel / 15MHz / 16QAM



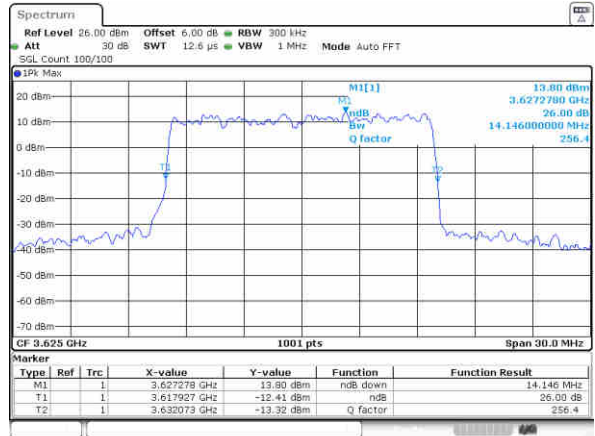
Date: 31-Jul-2020 14:05:59

Middle Channel / 15MHz / QPSK



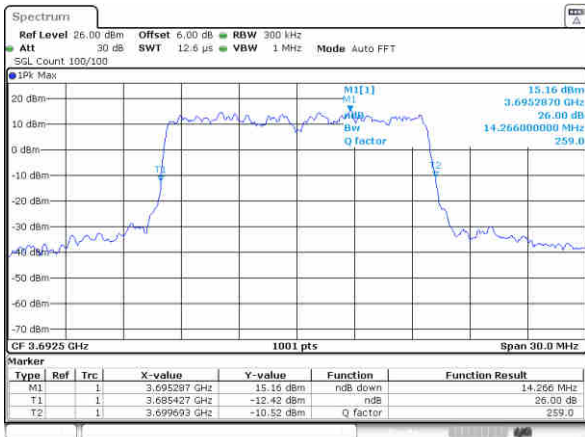
Date: 31-Jul-2020 14:03:50

Middle Channel / 15MHz / 16QAM



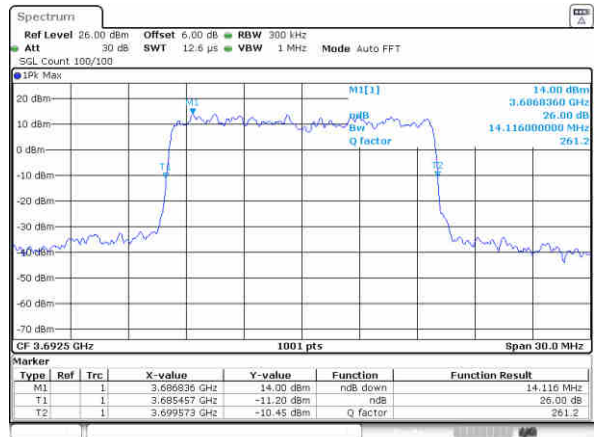
Date: 31-Jul-2020 14:04:09

Highest Channel / 15MHz / QPSK



Date: 31-Jul-2020 14:07:14

Highest Channel / 15MHz / 16QAM

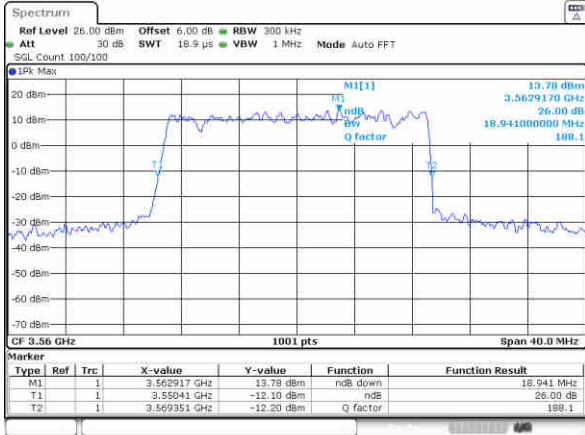


Date: 31-Jul-2020 14:07:32



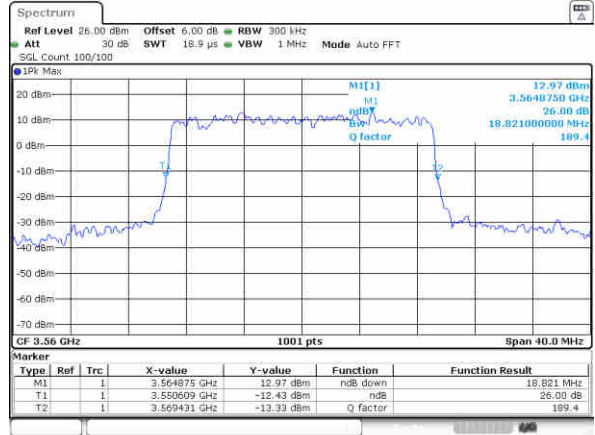
LTE Band 48

Lowest Channel / 20MHz / QPSK



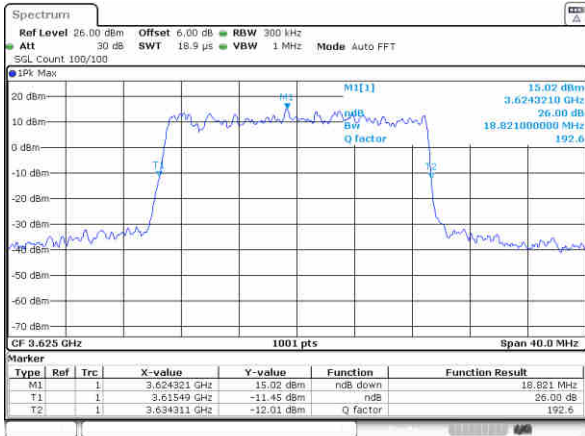
Date: 31-Jul-2020 14:13:41

Lowest Channel / 20MHz / 16QAM



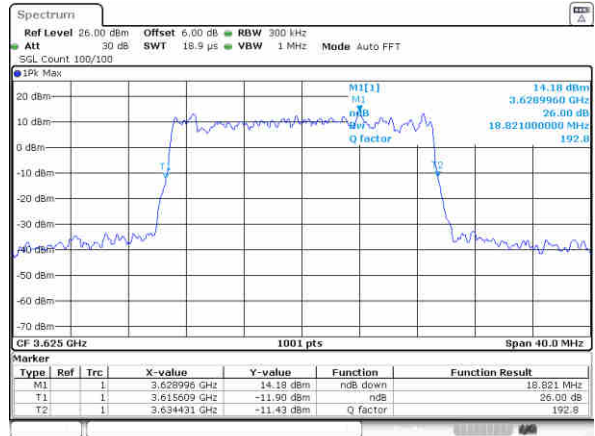
Date: 31-Jul-2020 14:11:08

Middle Channel / 20MHz / QPSK



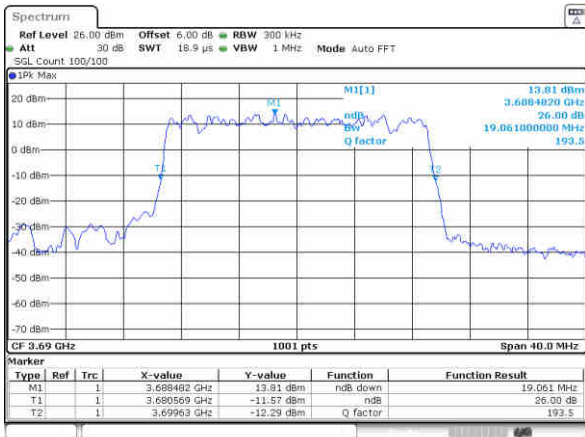
Date: 31-Jul-2020 14:15:17

Middle Channel / 20MHz / 16QAM



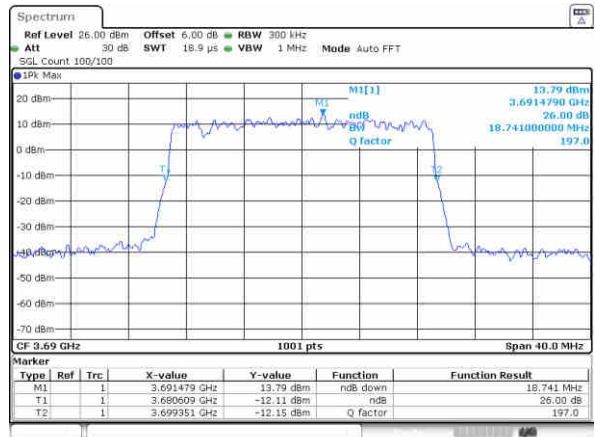
Date: 31-Jul-2020 14:15:48

Highest Channel / 20MHz / QPSK



Date: 31-Jul-2020 14:22:07

Highest Channel / 20MHz / 16QAM

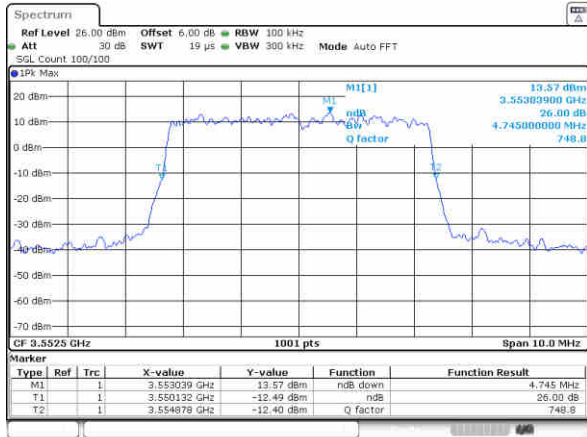


Date: 31-Jul-2020 14:21:09



LTE Band 48

Lowest Channel / 5MHz / 64QAM



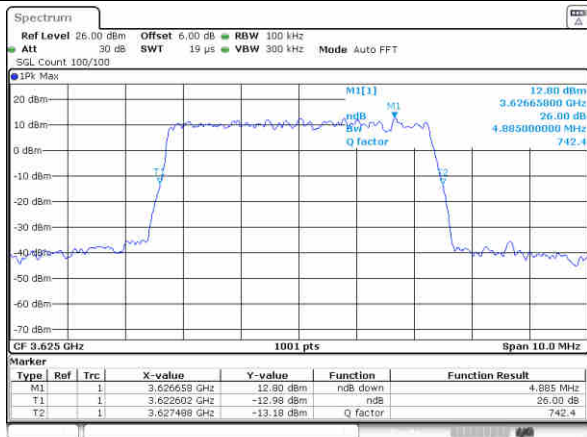
Date: 31.JUL.2020 13:59:34

Lowest Channel / 10MHz / 64QAM



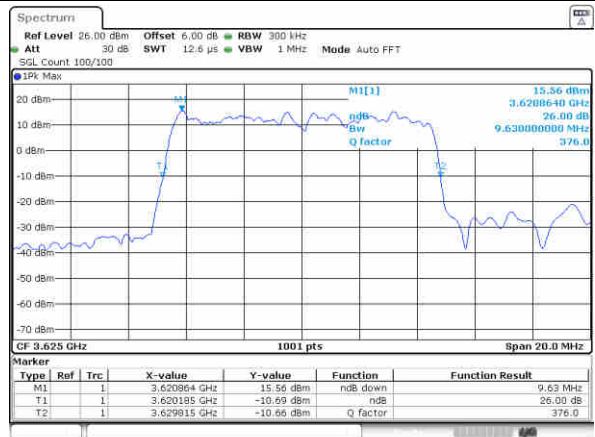
Date: 31.JUL.2020 14:00:41

Middle Channel / 5MHz / 64QAM



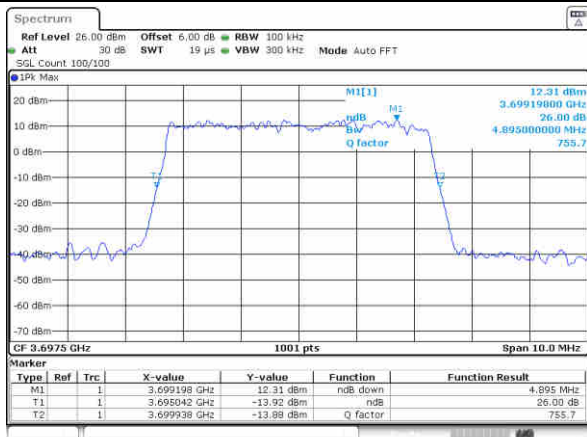
Date: 31.JUL.2020 13:48:06

Middle Channel / 10MHz / 64QAM



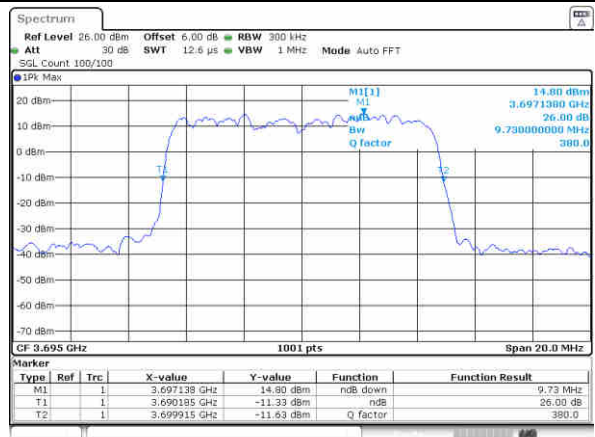
Date: 31.JUL.2020 13:59:43

Highest Channel / 5MHz / 64QAM



Date: 31.JUL.2020 13:52:11

Highest Channel / 10MHz / 64QAM

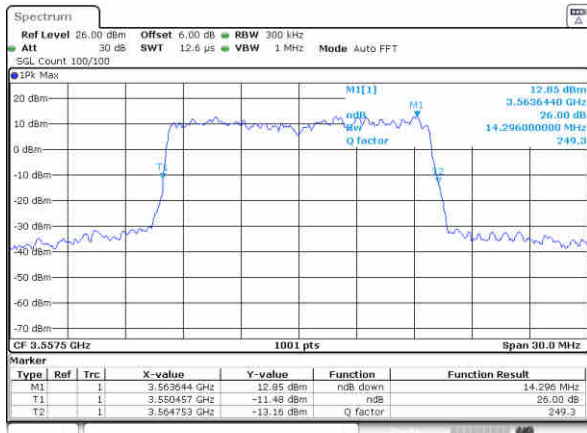


Date: 31.JUL.2020 14:02:43



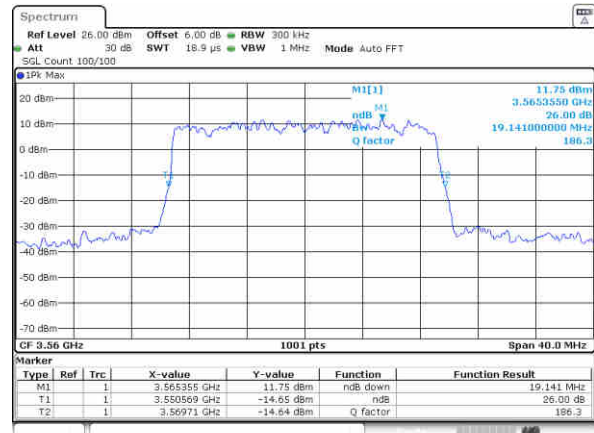
LTE Band 48

Lowest Channel / 15MHz / 64QAM



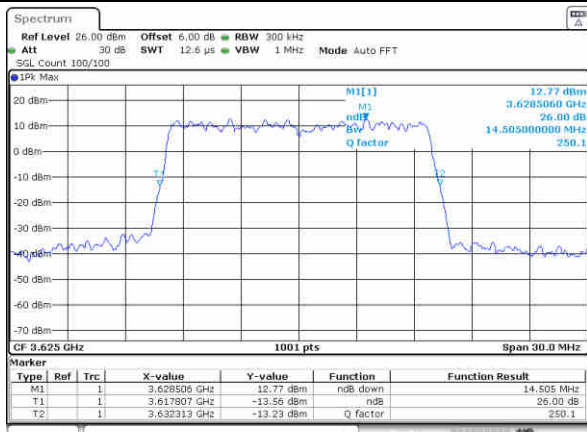
Date: 31-Jul-2020 14:05:41

Lowest Channel / 20MHz / 64QAM



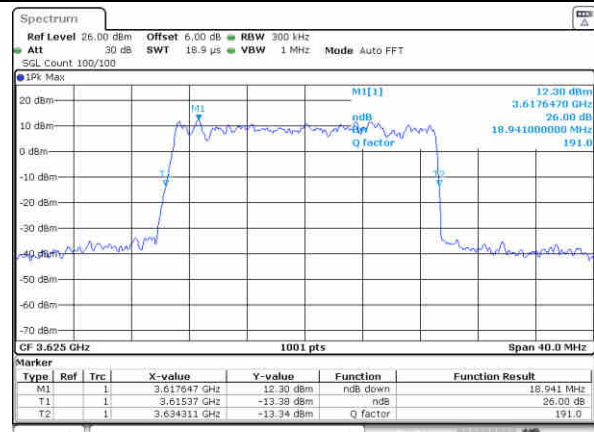
Date: 31-Jul-2020 14:11:37

Middle Channel / 15MHz / 64QAM



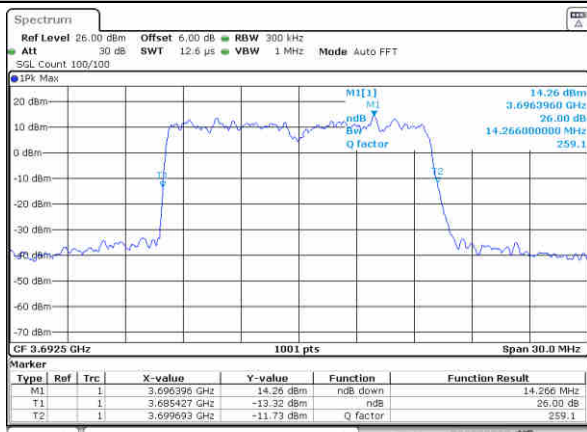
Date: 31-Jul-2020 14:04:26

Middle Channel / 20MHz / 64QAM



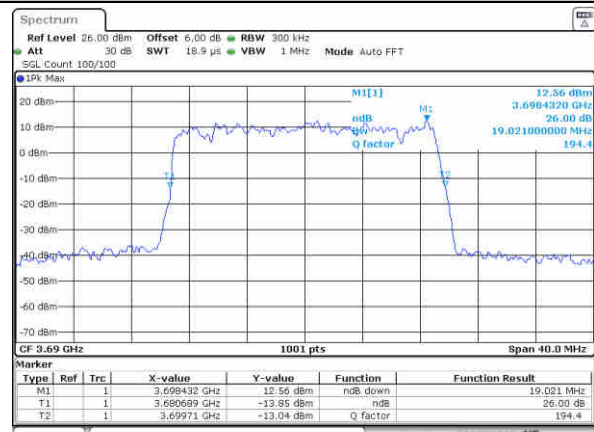
Date: 31-Jul-2020 14:16:33

Highest Channel / 15MHz / 64QAM



Date: 31-Jul-2020 14:07:50

Highest Channel / 20MHz / 64QAM



Date: 31-Jul-2020 14:20:39



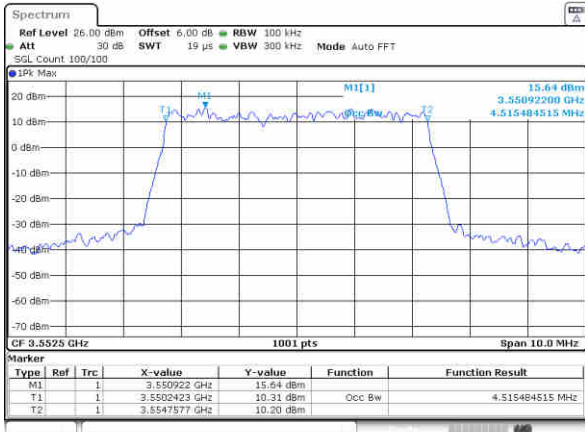
Occupied Bandwidth

Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.52	4.49	9.05	9.01	13.52	13.46	17.78	17.86
Middle CH	-	-	-	-	4.48	4.50	9.07	9.03	13.49	13.43	17.86	17.86
Highest CH	-	-	-	-	4.48	4.51	9.01	8.99	13.49	13.49	17.82	17.94
Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.48	-	9.05	-	13.46	-	17.86	-
Middle CH	-	-	-	-	4.52	-	9.05	-	13.46	-	17.94	-
Highest CH	-	-	-	-	4.51	-	8.97	-	13.52	-	17.90	-



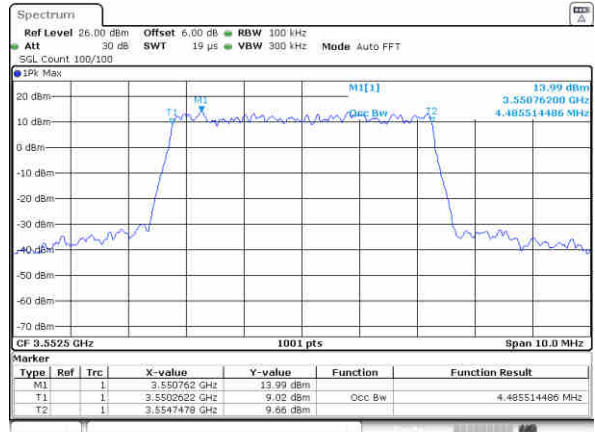
LTE Band 48

Lowest Channel / 5MHz / QPSK



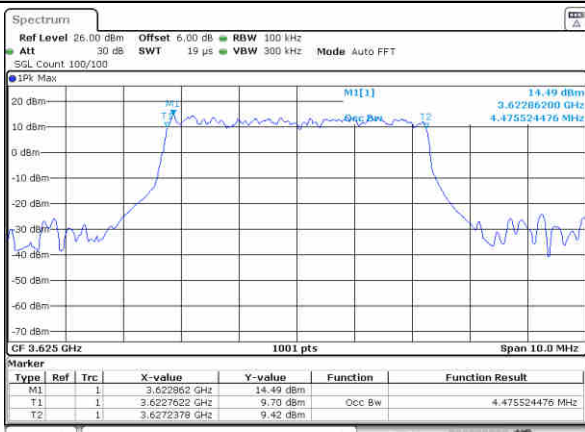
Date: 31.JUL.2020 13:49:54

Lowest Channel / 5MHz / 16QAM



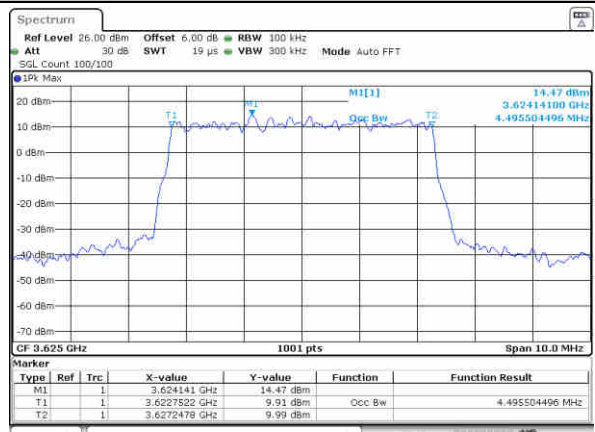
Date: 31.JUL.2020 13:50:11

Middle Channel / 5MHz / QPSK



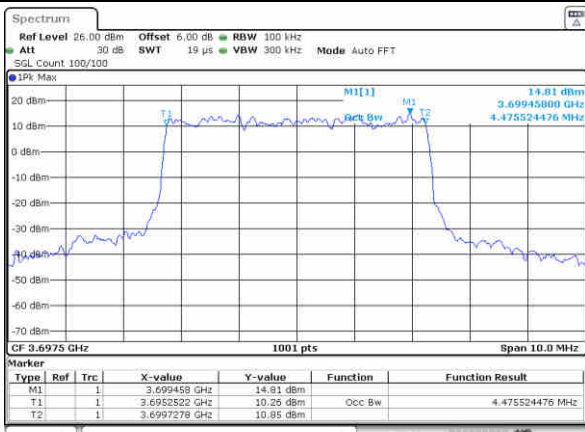
Date: 31.JUL.2020 13:47:09

Middle Channel / 5MHz / 16QAM



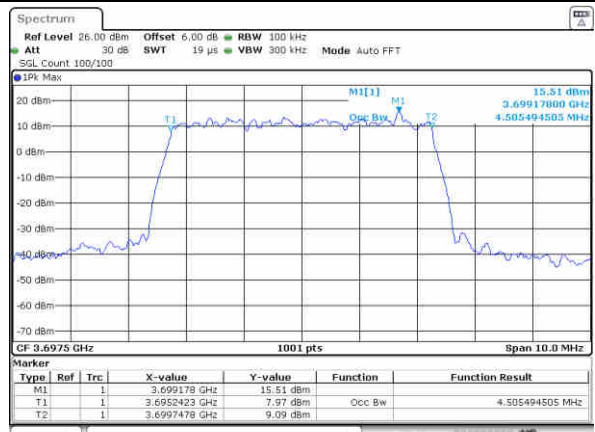
Date: 31.JUL.2020 13:47:43

Highest Channel / 5MHz / QPSK



Date: 31.JUL.2020 13:51:34

Highest Channel / 5MHz / 16QAM

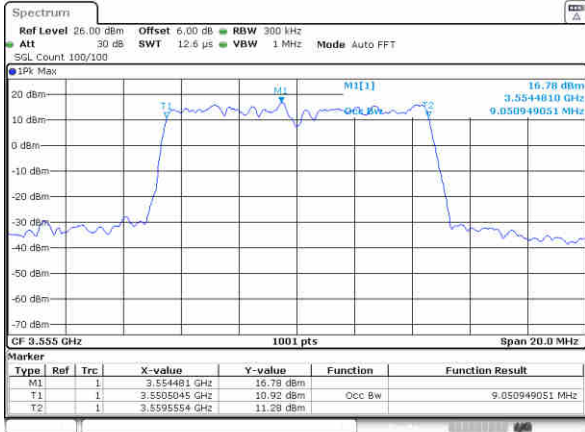


Date: 31.JUL.2020 13:51:50



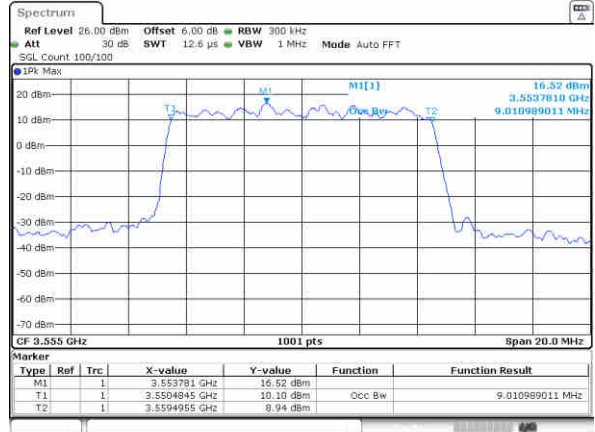
LTE Band 48

Lowest Channel / 10MHz / QPSK



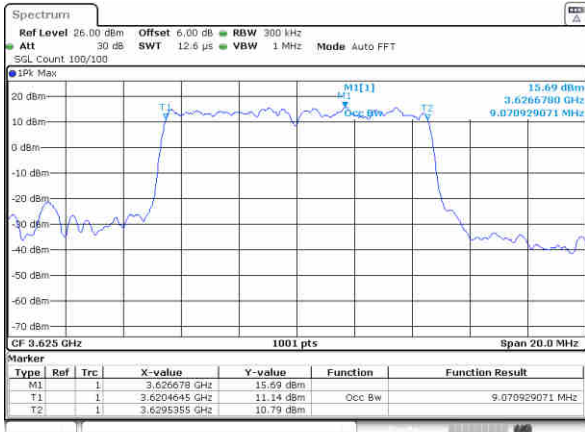
Date: 31.JUL.2020 14:01:10

Lowest Channel / 10MHz / 16QAM



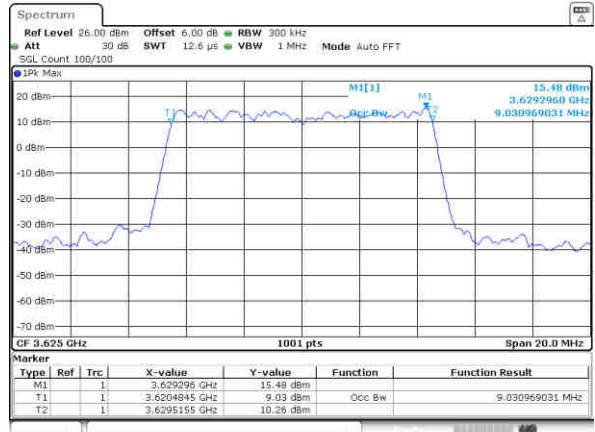
Date: 31.JUL.2020 14:00:54

Middle Channel / 10MHz / QPSK



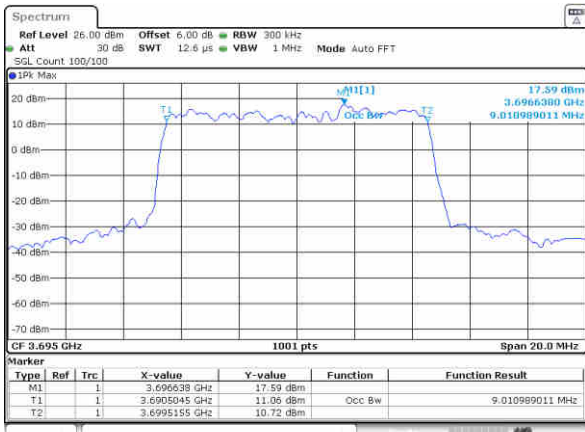
Date: 31.JUL.2020 13:58:58

Middle Channel / 10MHz / 16QAM



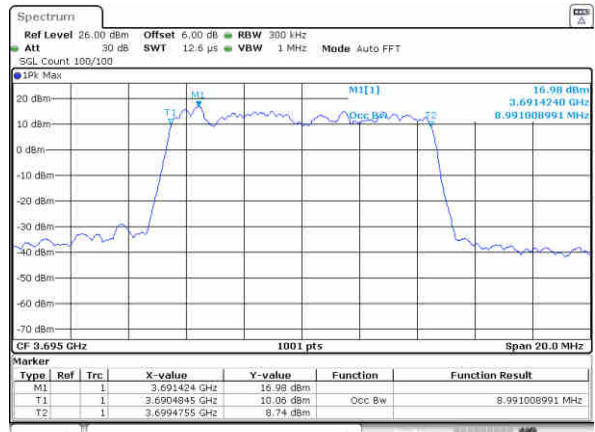
Date: 31.JUL.2020 13:59:19

Highest Channel / 10MHz / QPSK



Date: 31.JUL.2020 14:01:59

Highest Channel / 10MHz / 16QAM

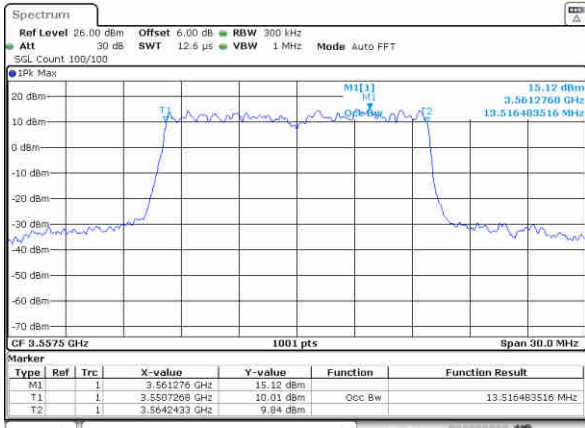


Date: 31.JUL.2020 14:02:18



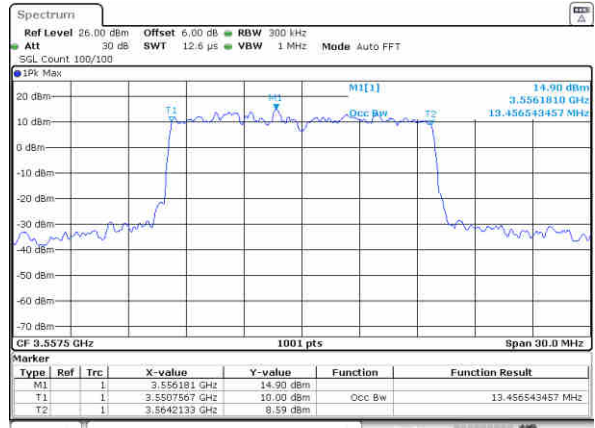
LTE Band 48

Lowest Channel / 15MHz / QPSK



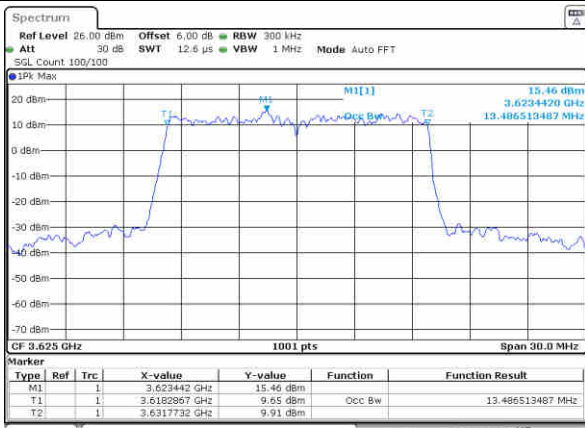
Date: 31.JUL.2020 14:06:10

Lowest Channel / 15MHz / 16QAM



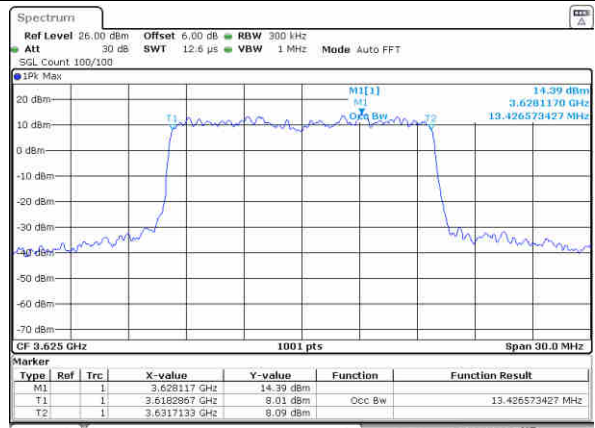
Date: 31.JUL.2020 14:05:53

Middle Channel / 15MHz / QPSK



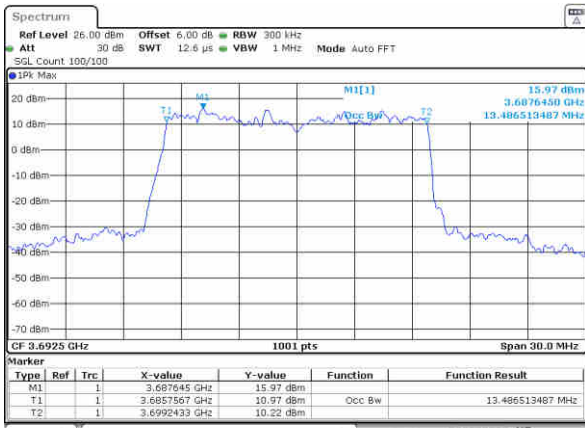
Date: 31.JUL.2020 14:03:44

Middle Channel / 15MHz / 16QAM



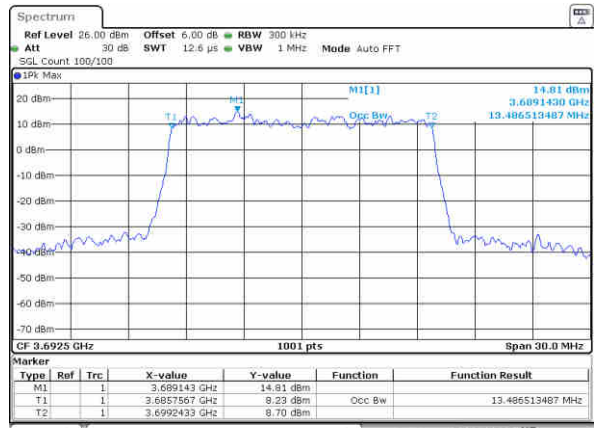
Date: 31.JUL.2020 14:04:02

Highest Channel / 15MHz / QPSK



Date: 31.JUL.2020 14:07:07

Highest Channel / 15MHz / 16QAM

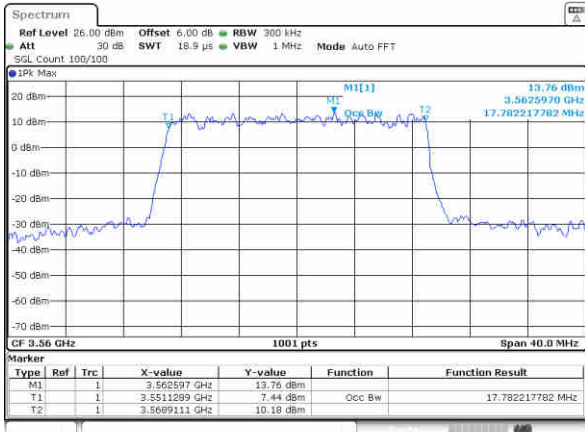


Date: 31.JUL.2020 14:07:26



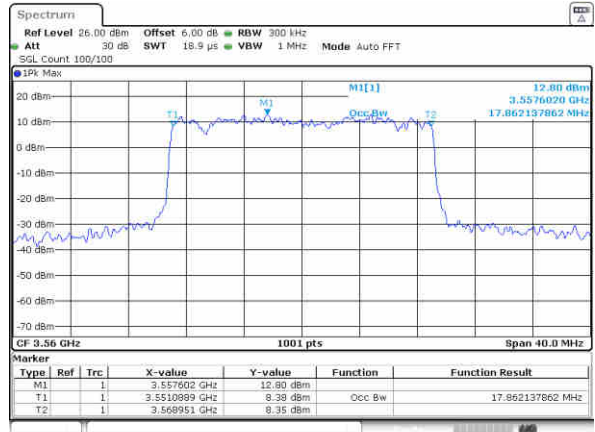
LTE Band 48

Lowest Channel / 20MHz / QPSK



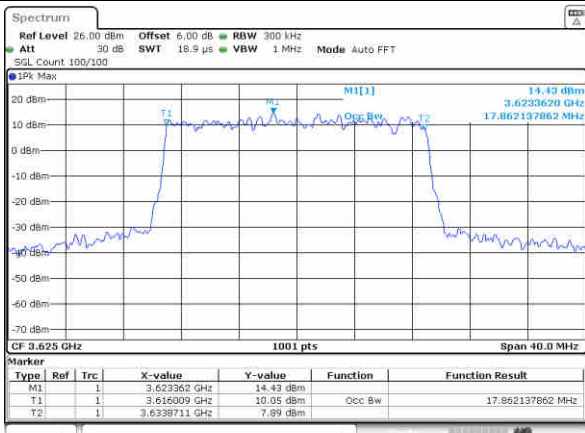
Date: 31.JUL.2020 14:13:35

Lowest Channel / 20MHz / 16QAM



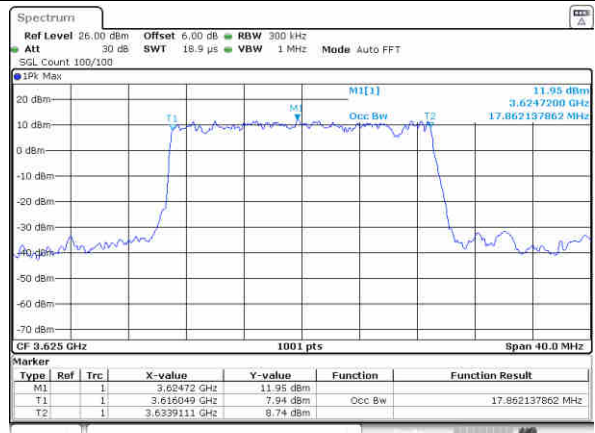
Date: 31.JUL.2020 14:11:03

Middle Channel / 20MHz / QPSK



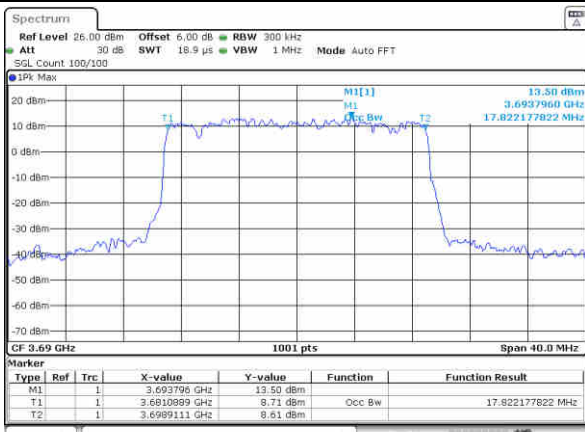
Date: 31.JUL.2020 14:15:11

Middle Channel / 20MHz / 16QAM



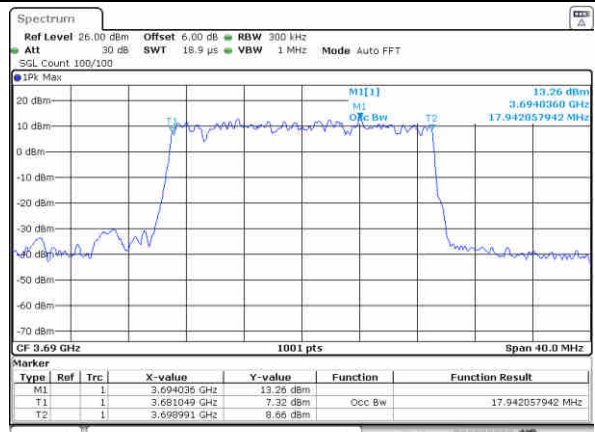
Date: 31.JUL.2020 14:15:41

Highest Channel / 20MHz / QPSK



Date: 31.JUL.2020 14:22:01

Highest Channel / 20MHz / 16QAM

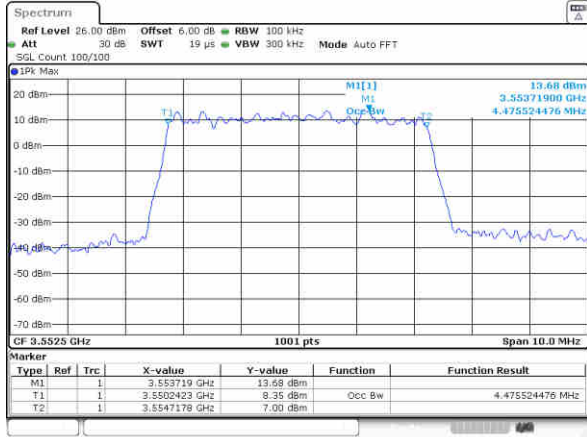


Date: 31.JUL.2020 14:21:01



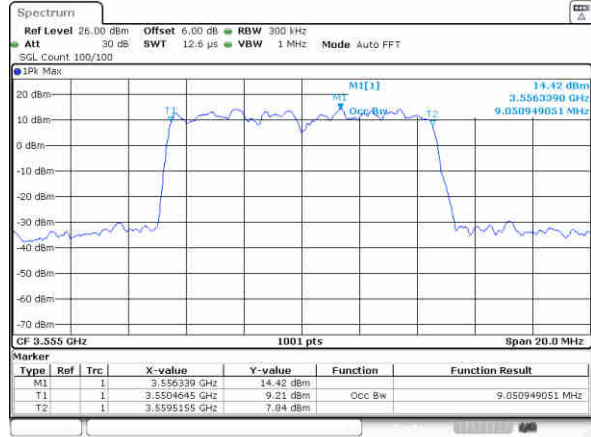
LTE Band 48

Lowest Channel / 5MHz / 64QAM



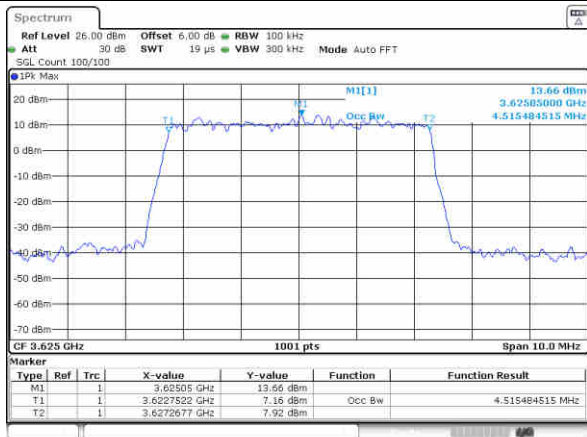
Date: 31.JUL.2020 13:50:28

Lowest Channel / 10MHz / 64QAM



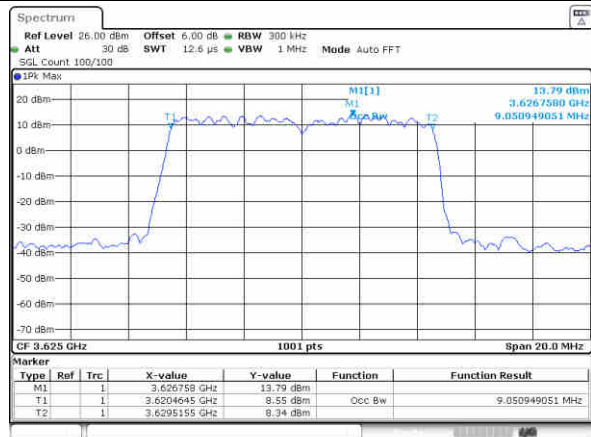
Date: 31.JUL.2020 14:00:34

Middle Channel / 5MHz / 64QAM



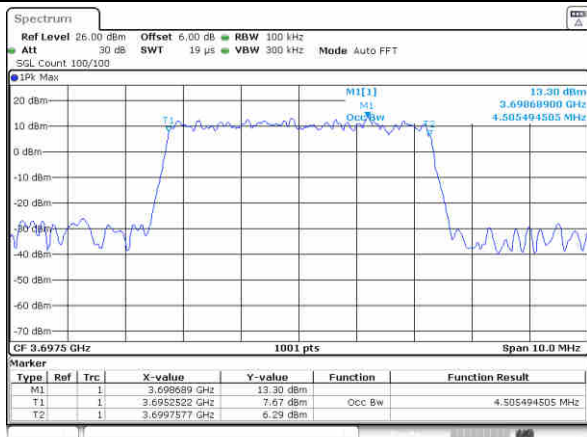
Date: 31.JUL.2020 13:48:00

Middle Channel / 10MHz / 64QAM



Date: 31.JUL.2020 13:59:36

Highest Channel / 5MHz / 64QAM



Date: 31.JUL.2020 13:52:06

Highest Channel / 10MHz / 64QAM

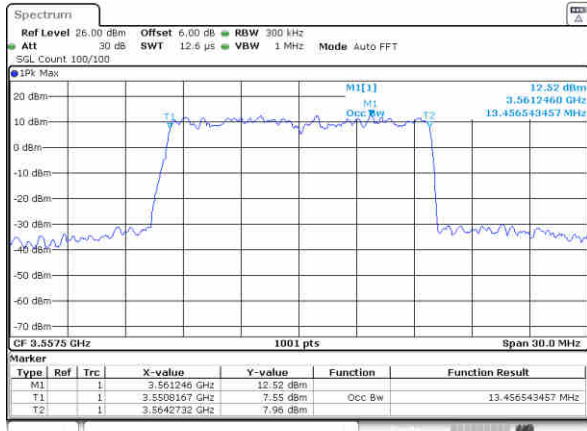


Date: 31.JUL.2020 14:02:36



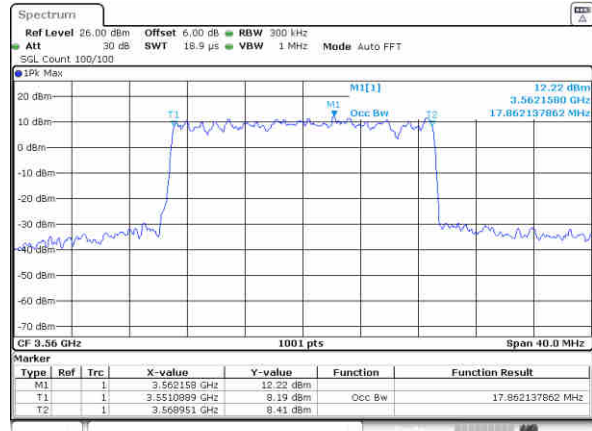
LTE Band 48

Lowest Channel / 15MHz / 64QAM



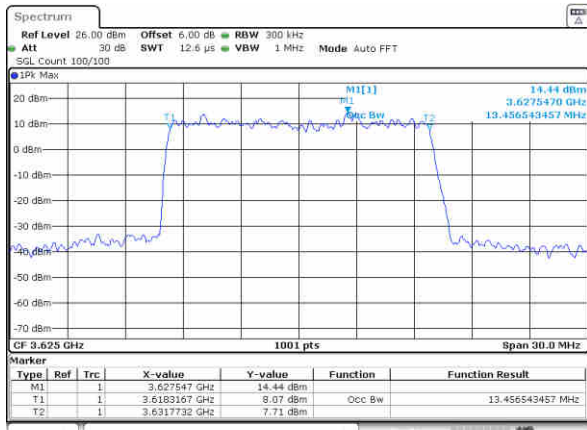
Date: 31.JUL.2020 14:05:35

Lowest Channel / 20MHz / 64QAM



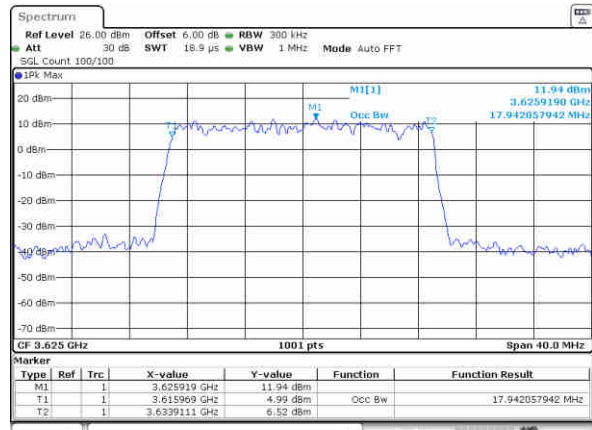
Date: 31.JUL.2020 14:11:31

Middle Channel / 15MHz / 64QAM



Date: 31.JUL.2020 14:04:19

Middle Channel / 20MHz / 64QAM



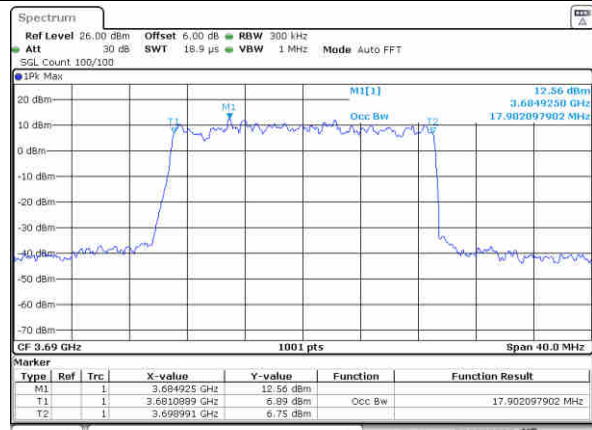
Date: 31.JUL.2020 14:16:20

Highest Channel / 15MHz / 64QAM



Date: 31.JUL.2020 14:07:43

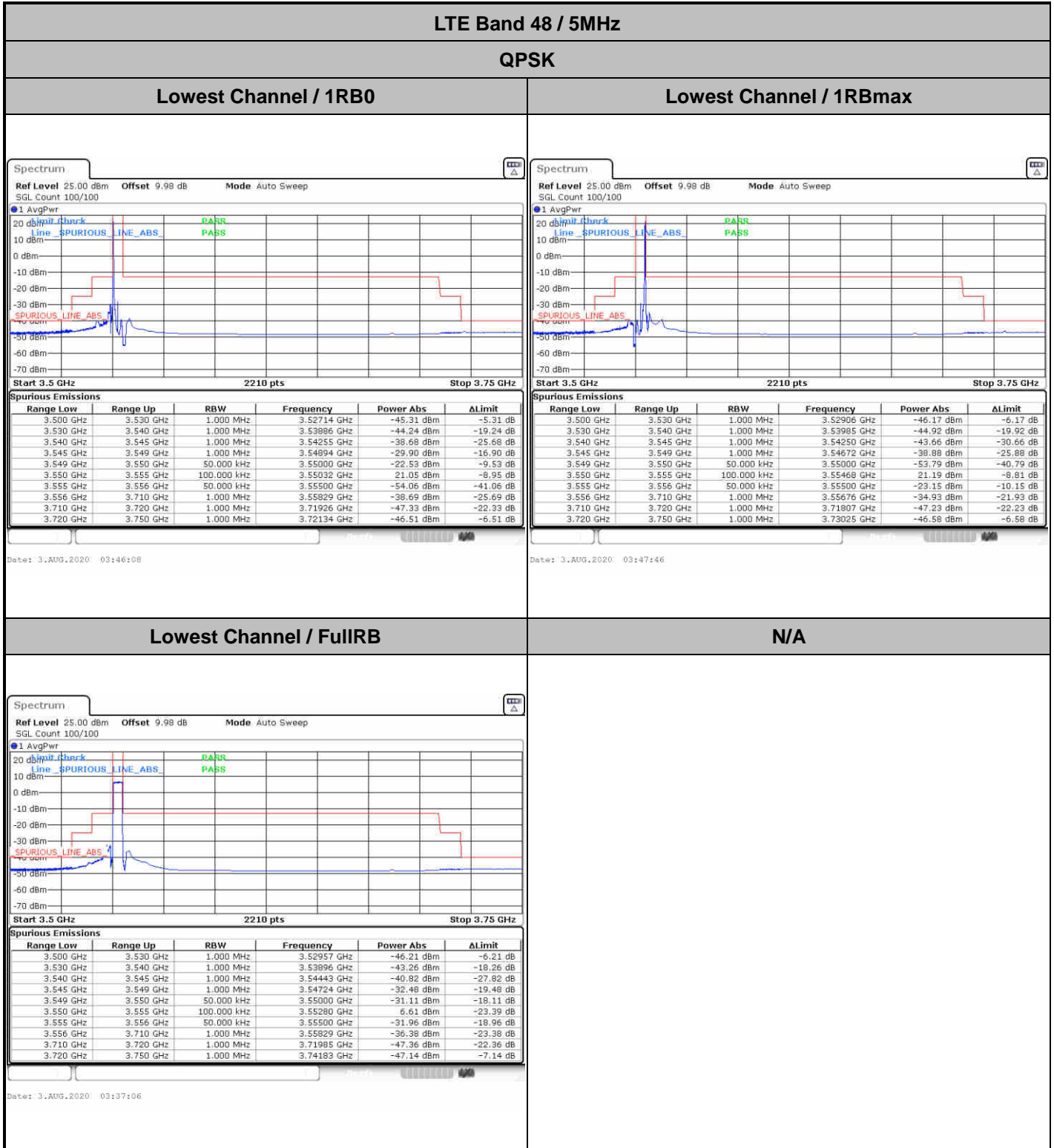
Highest Channel / 20MHz / 64QAM



Date: 31.JUL.2020 14:12:33



Conducted Band Edge



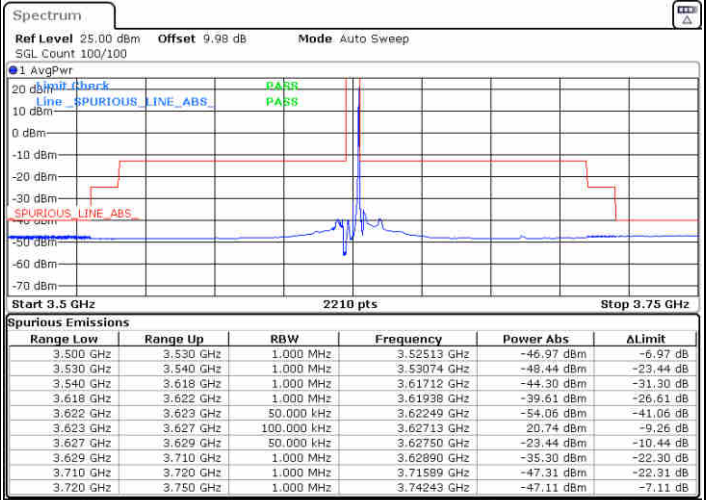
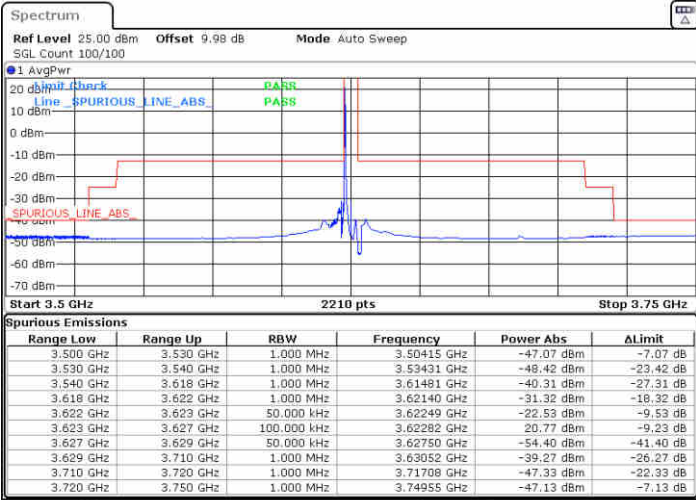


LTE Band 48 / 5MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

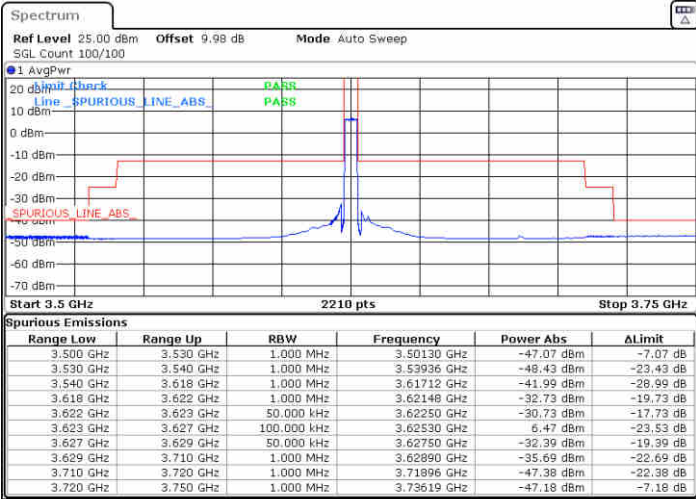


Date: 3.AUG.2020 03:00:22

Date: 3.AUG.2020 03:03:20

Middle Channel / FullIRB

N/A



Date: 3.AUG.2020 02:51:31

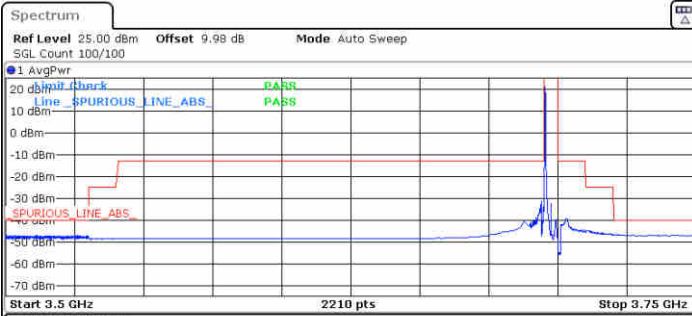


LTE Band 48 / 5MHz

QPSK

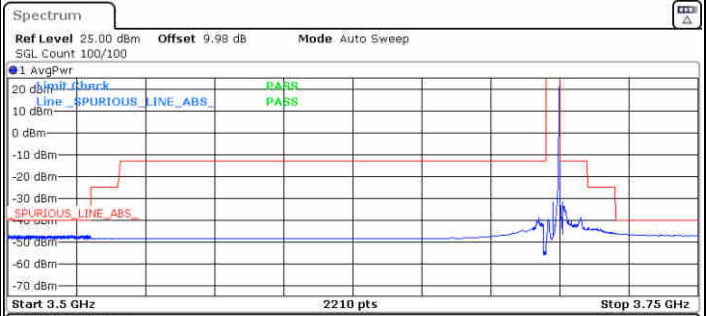
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50379 GHz	-47.04 dBm	-7.04 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53213 GHz	-48.43 dBm	-23.43 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.66777 GHz	-40.80 dBm	-27.80 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69386 GHz	-31.23 dBm	-18.23 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69500 GHz	-23.02 dBm	-10.02 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69532 GHz	21.12 dBm	-8.88 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-53.90 dBm	-40.90 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70292 GHz	-39.22 dBm	-26.22 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71035 GHz	-44.84 dBm	-19.84 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72074 GHz	-46.71 dBm	-6.71 dB

Date: 3.AUG.2020 03:17:02

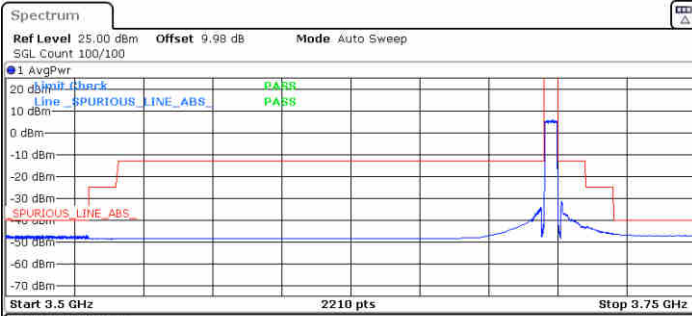


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52873 GHz	-47.09 dBm	-7.09 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53510 GHz	-48.36 dBm	-23.36 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68629 GHz	-44.49 dBm	-31.49 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69240 GHz	-39.17 dBm	-26.17 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69496 GHz	-54.07 dBm	-41.07 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69963 GHz	20.96 dBm	-9.04 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-23.43 dBm	-10.43 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-31.82 dBm	-18.82 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71045 GHz	-43.38 dBm	-18.38 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72074 GHz	-46.12 dBm	-6.12 dB

Date: 3.AUG.2020 03:14:21

Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50055 GHz	-46.98 dBm	-6.98 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53015 GHz	-48.42 dBm	-23.42 dB
3.540 GHz	3.690 GHz	1.000 MHz	3.68926 GHz	-40.83 dBm	-27.83 dB
3.690 GHz	3.694 GHz	1.000 MHz	3.69358 GHz	-34.18 dBm	-21.18 dB
3.694 GHz	3.695 GHz	50.000 kHz	3.69500 GHz	-32.90 dBm	-19.90 dB
3.695 GHz	3.700 GHz	100.000 kHz	3.69849 GHz	5.66 dBm	-24.34 dB
3.700 GHz	3.701 GHz	50.000 kHz	3.70000 GHz	-34.11 dBm	-21.11 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70131 GHz	-31.49 dBm	-18.49 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71084 GHz	-43.08 dBm	-18.08 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72104 GHz	-46.56 dBm	-6.56 dB

Date: 3.AUG.2020 03:27:25

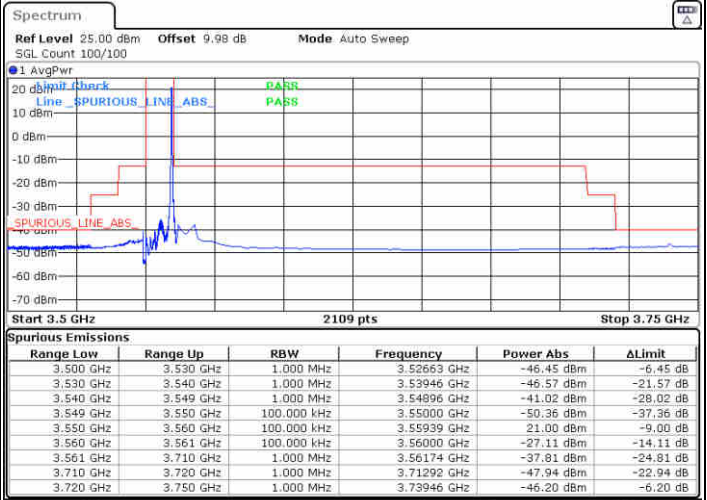
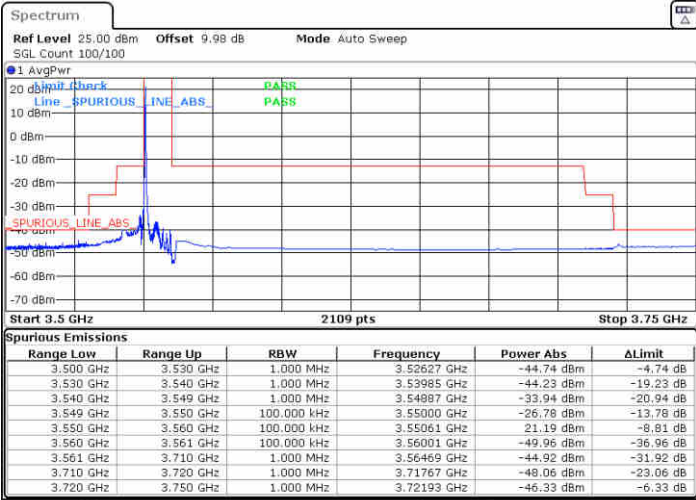


LTE Band 48 / 10MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

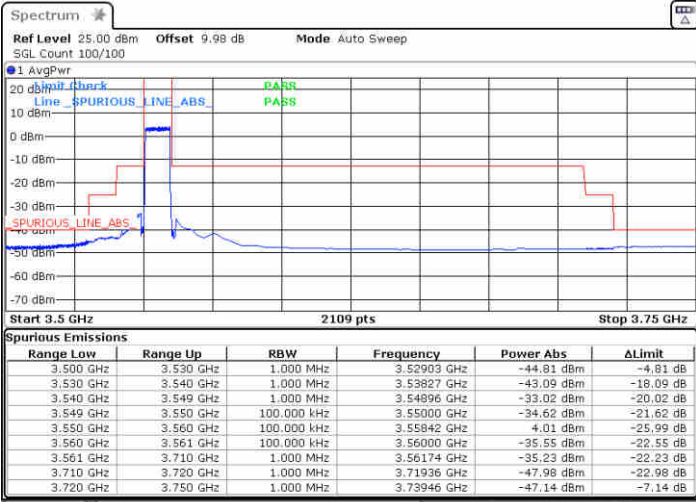


Date: 3.AUG.2020 02:42:19

Date: 3.AUG.2020 02:43:41

Lowest Channel / FullIRB

N/A



Date: 3.AUG.2020 02:32:50

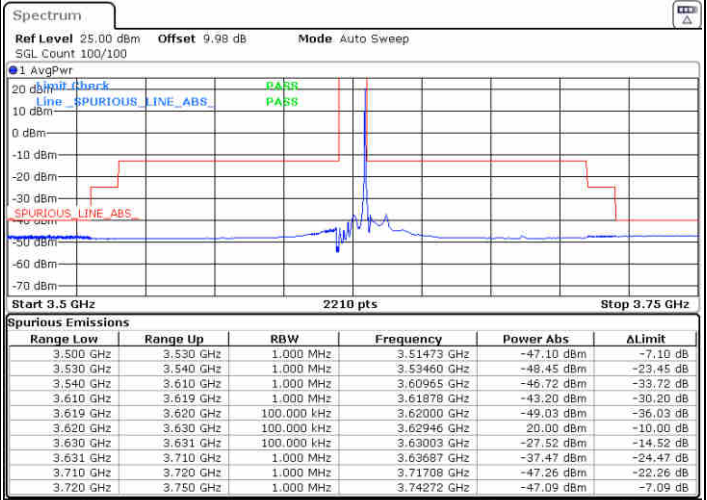
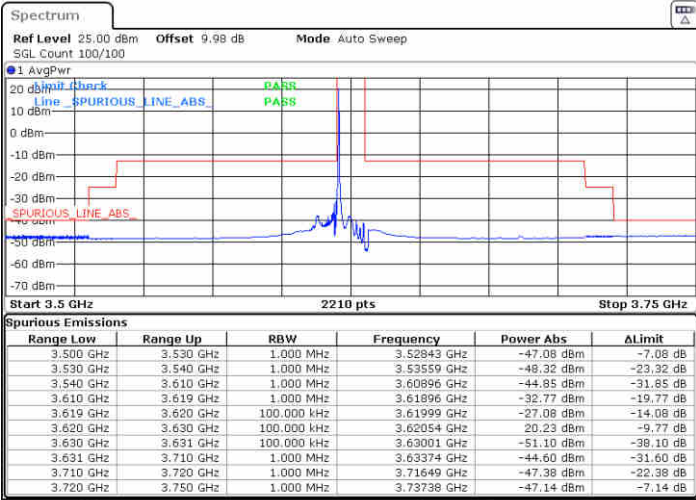


LTE Band 48 / 10MHz

QPSK

MiddleChannel / 1RB0

Middle Channel / 1RBmax

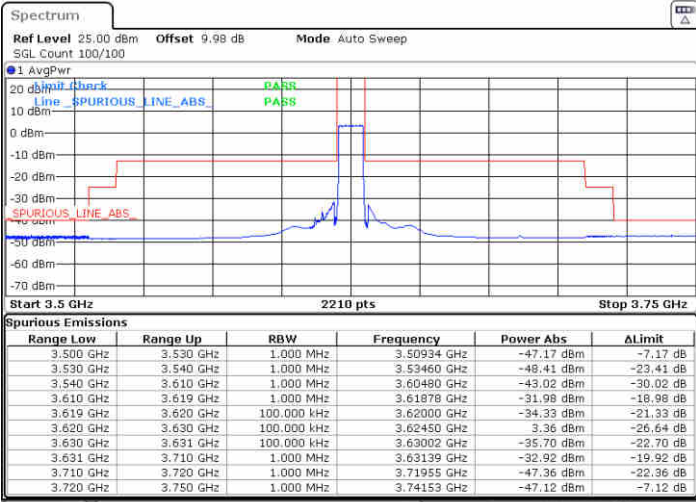


Date: 3.AUG.2020 02:08:51

Date: 3.AUG.2020 02:11:45

Middle Channel / FullIRB

N/A



Date: 3.AUG.2020 01:56:55

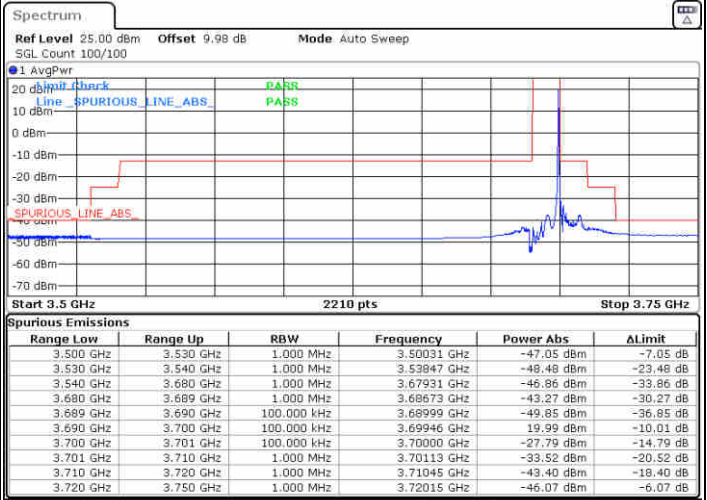
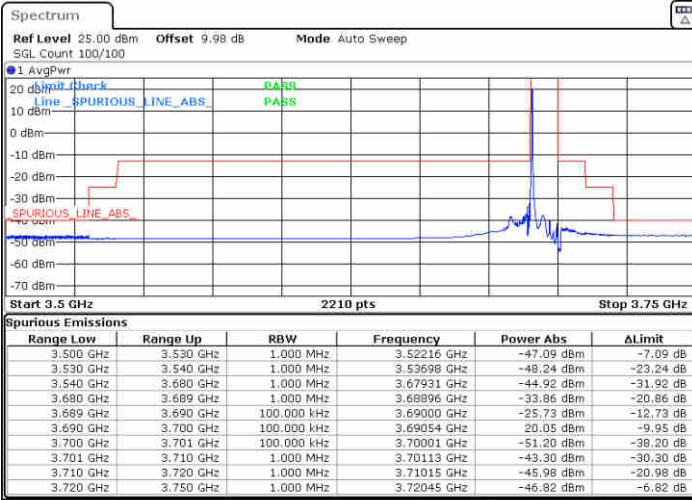


LTE Band 48 / 10MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

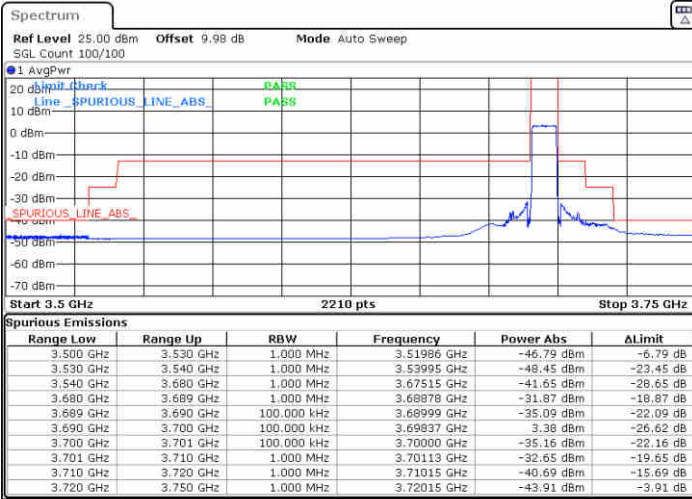


Date: 3.AUG.2020 02:22:24

Date: 3.AUG.2020 02:20:46

Highest Channel / FullIRB

N/A



Date: 3.AUG.2020 02:29:37



LTE Band 48 / 15MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

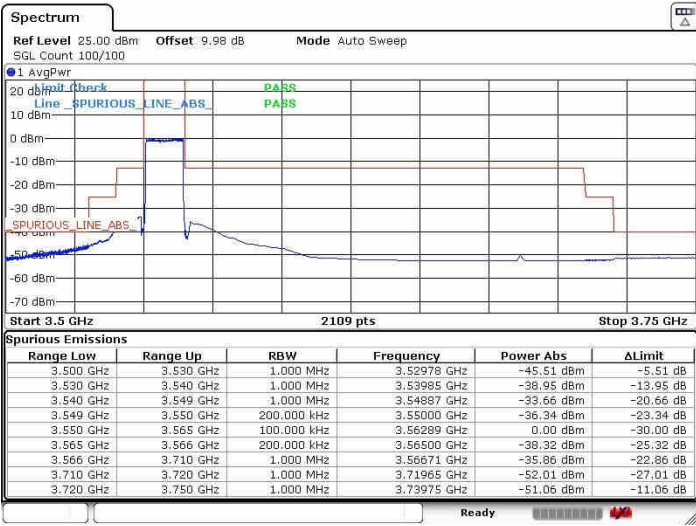


Date: 31.JUL.2020 20:21:45

Date: 31.JUL.2020 20:19:58

Lowest Channel / FullIRB

N/A



Date: 31.JUL.2020 20:28:10

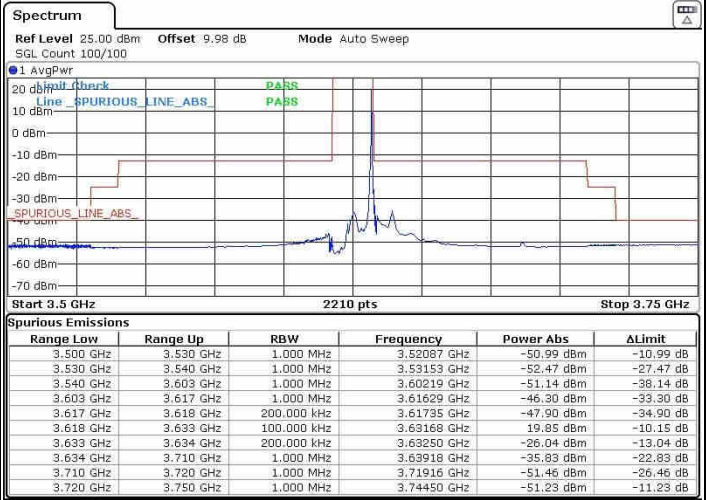
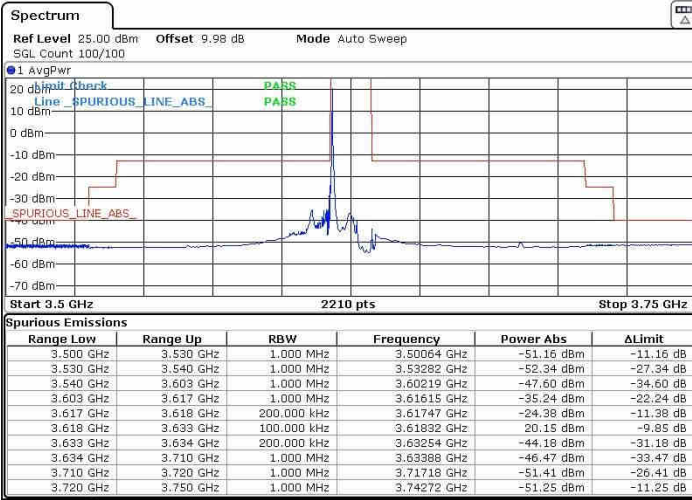


LTE Band 48 / 15MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

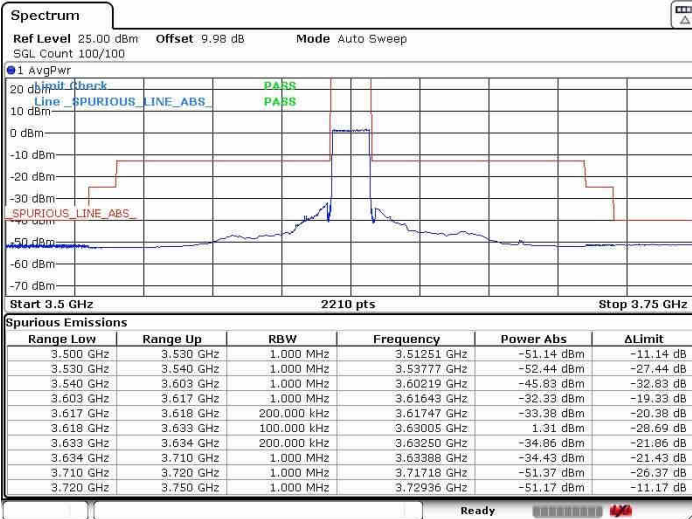


Date: 31.JUL.2020 19:48:24

Date: 31.JUL.2020 19:49:51

Middle Channel / FullIRB

N/A



Date: 31.JUL.2020 19:40:16

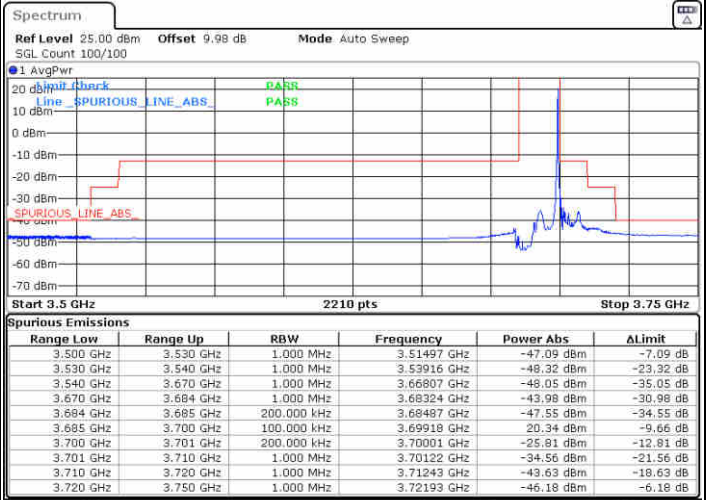
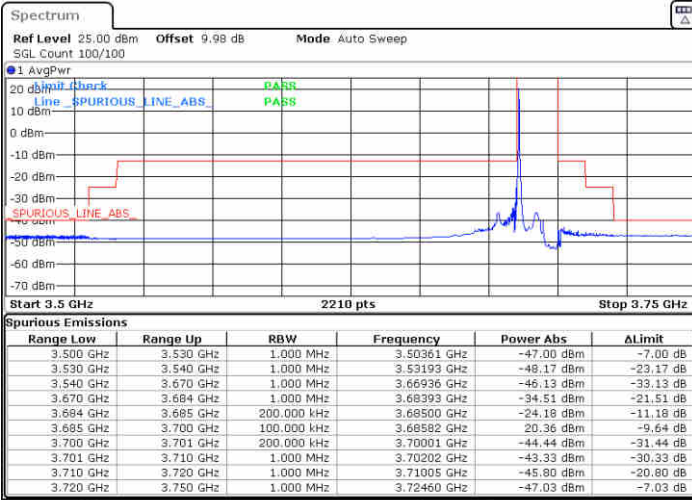


LTE Band 48 / 15MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

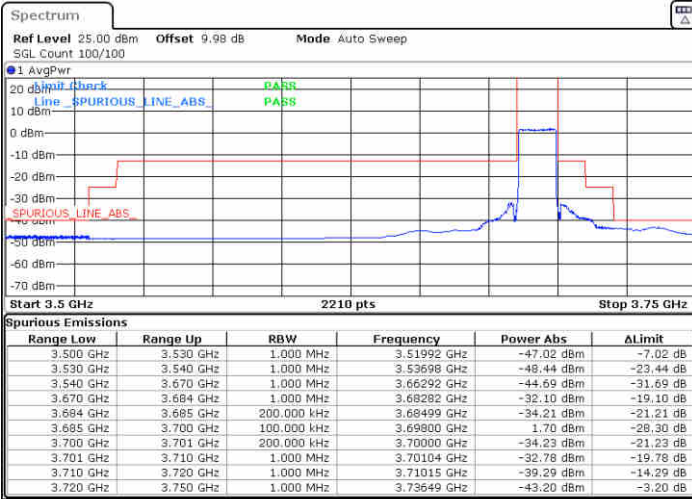


Date: 3.AUG.2020 01:23:16

Date: 3.AUG.2020 01:13:09

Highest Channel / FullIRB

N/A



Date: 3.AUG.2020 01:25:10

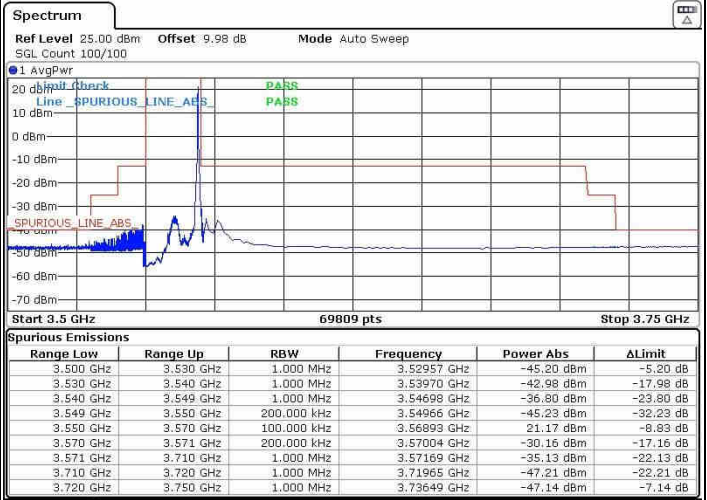
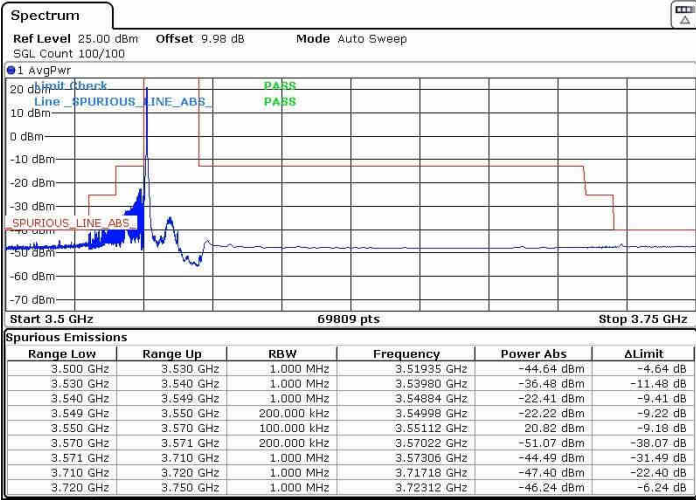


LTE Band 48 / 20MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

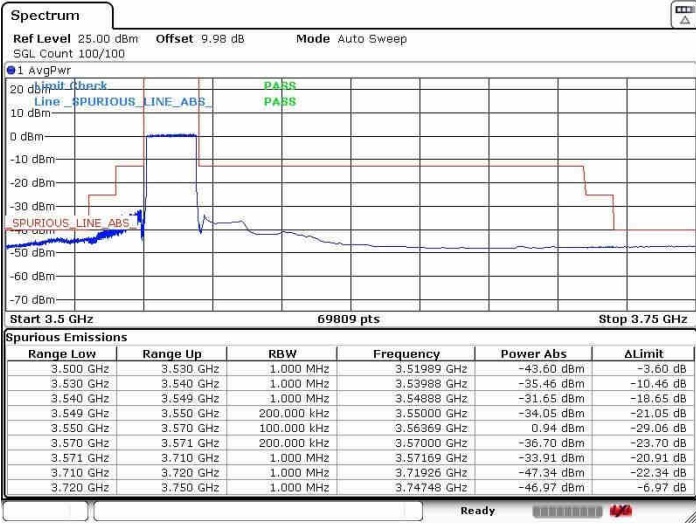


Date: 2.AUG.2020 23:17:24

Date: 2.AUG.2020 23:18:29

Lowest Channel / FullIRB

N/A



Date: 2.AUG.2020 23:08:40

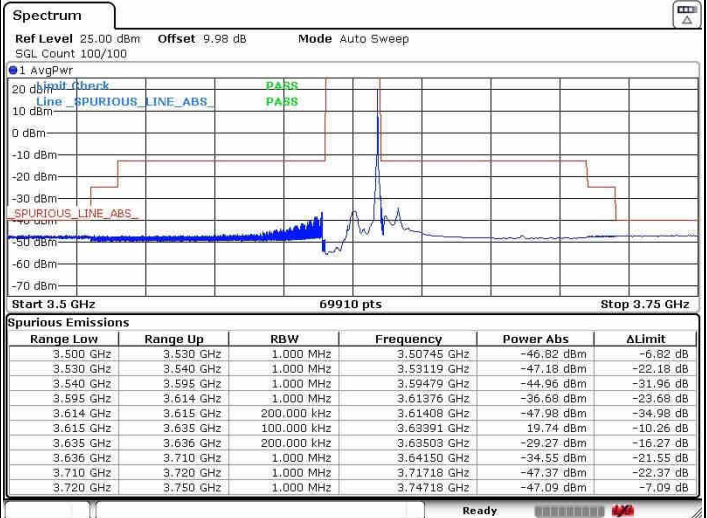
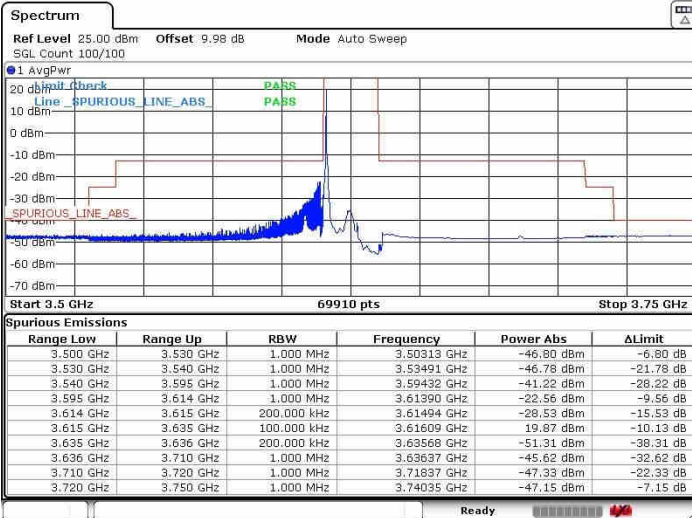


LTE Band 48 / 20MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

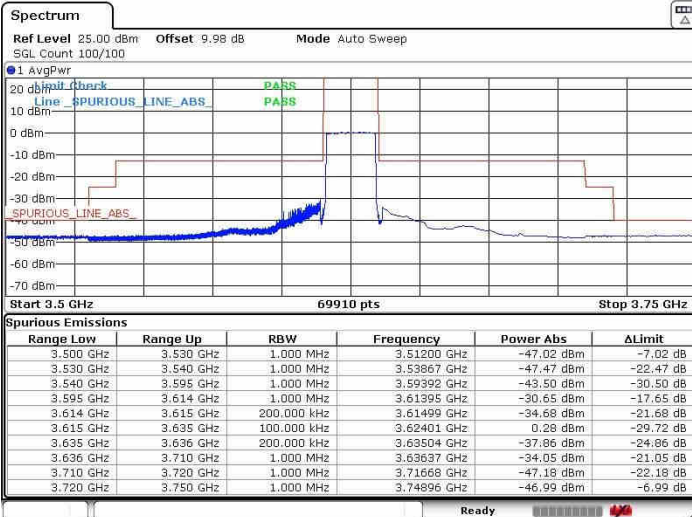


Date: 31.JUL.2020 19:18:35

Date: 31.JUL.2020 19:14:36

Middle Channel / FullIRB

N/A



Date: 31.JUL.2020 19:33:26

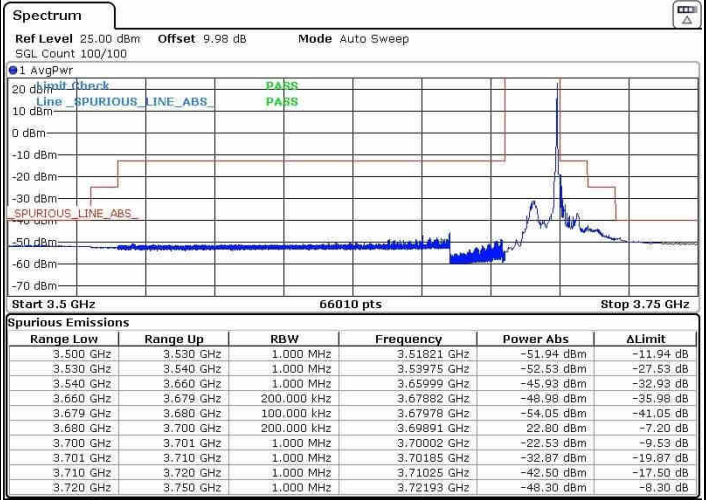
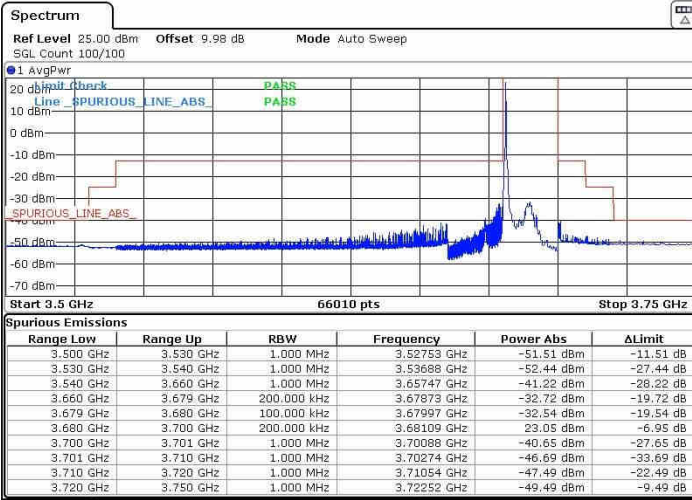


LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

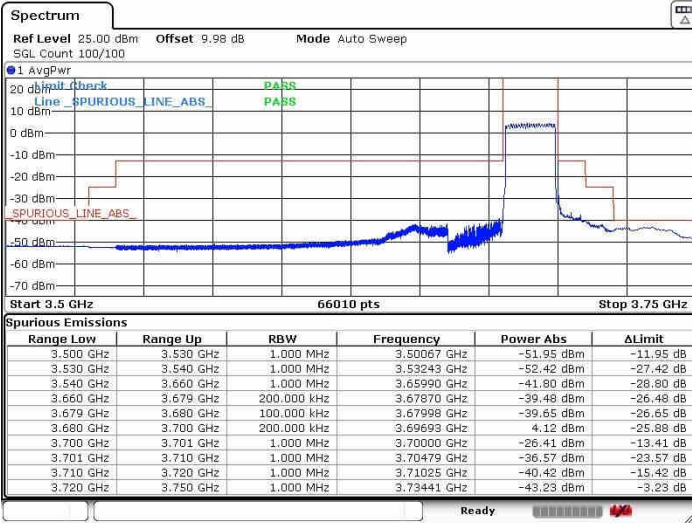


Date: 2.AUG.2020 23:40:59

Date: 2.AUG.2020 23:42:00

Highest Channel / FullIRB

N/A



Date: 2.AUG.2020 23:24:02

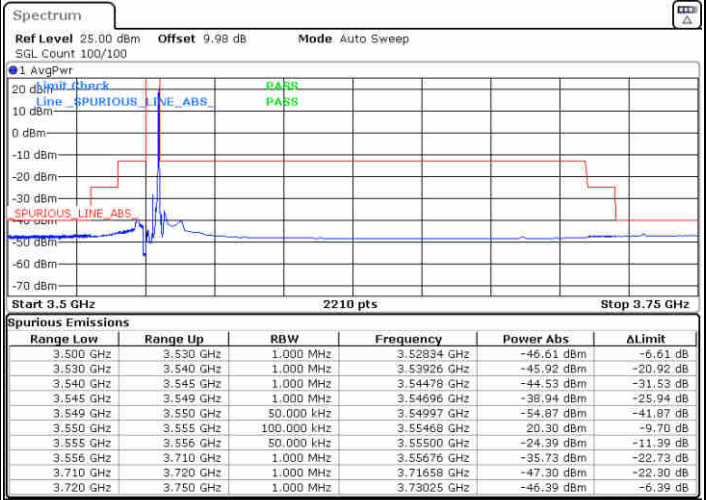
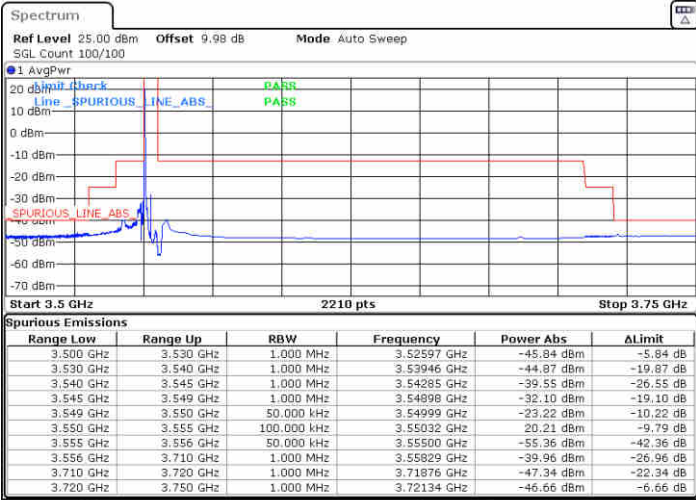


LTE Band 48 / 5MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

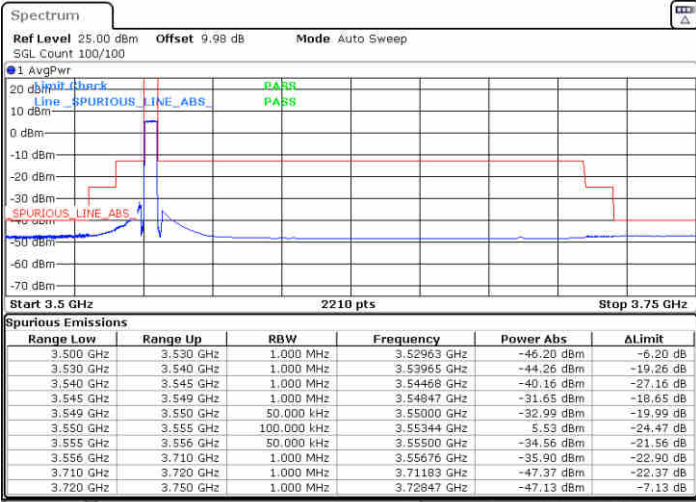


Date: 3.AUG.2020 03:44:40

Date: 3.AUG.2020 03:50:08

Lowest Channel / FullIRB

N/A



Date: 3.AUG.2020 03:39:37

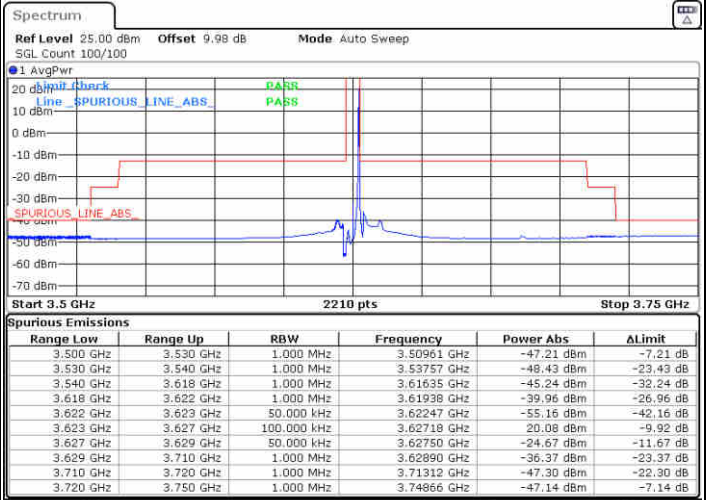
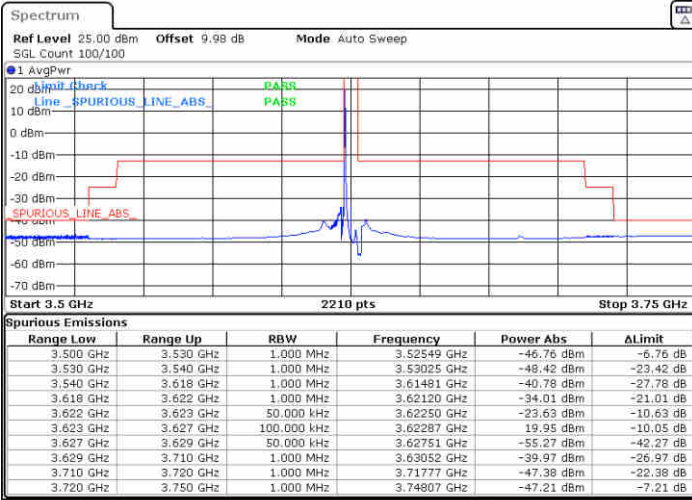


LTE Band 48 / 5MHz

16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

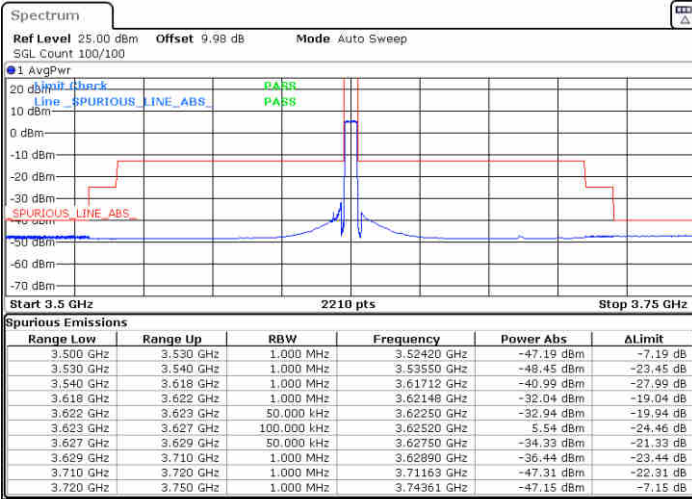


Date: 3.AUG.2020 02:58:06

Date: 3.AUG.2020 03:05:16

Middle Channel / FullIRB

N/A



Date: 3.AUG.2020 02:54:02

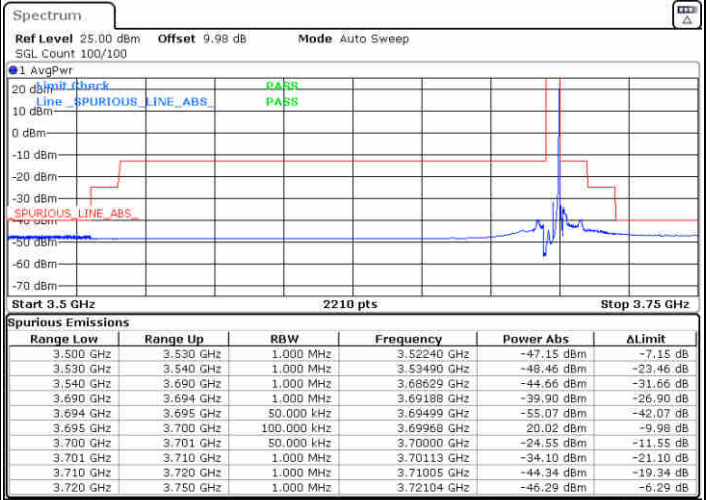
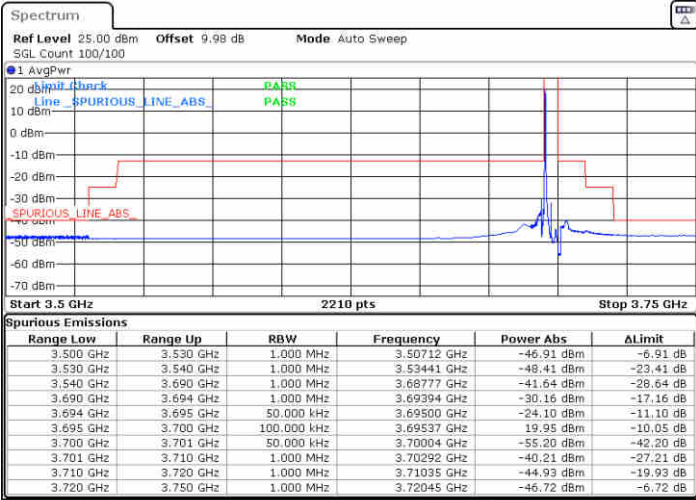


LTE Band 48 / 5MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

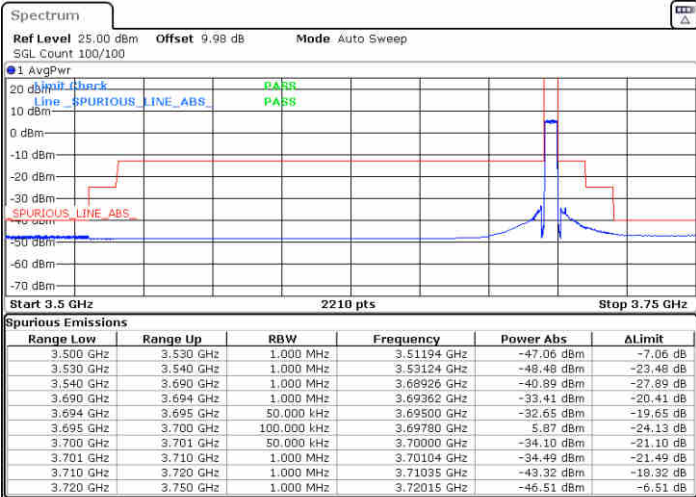


Date: 3.AUG.2020 03:18:01

Date: 3.AUG.2020 03:13:29

Highest Channel / FullIRB

N/A



Date: 3.AUG.2020 03:23:45

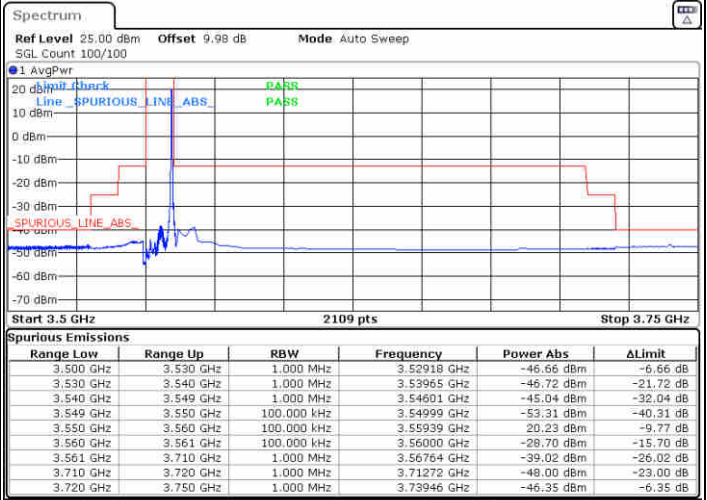
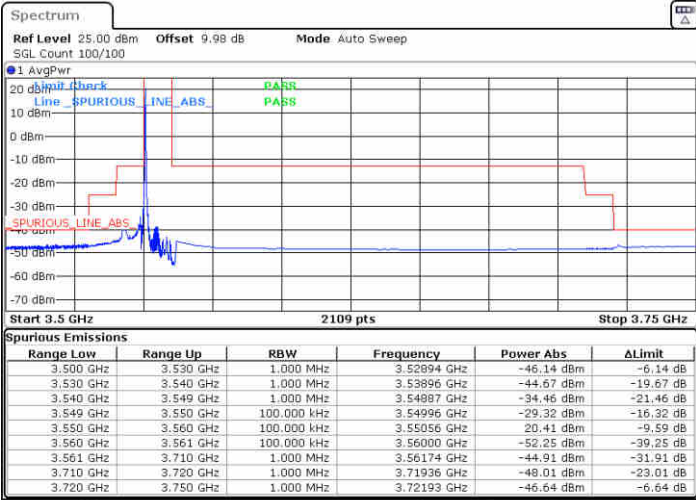


LTE Band 48 / 10MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

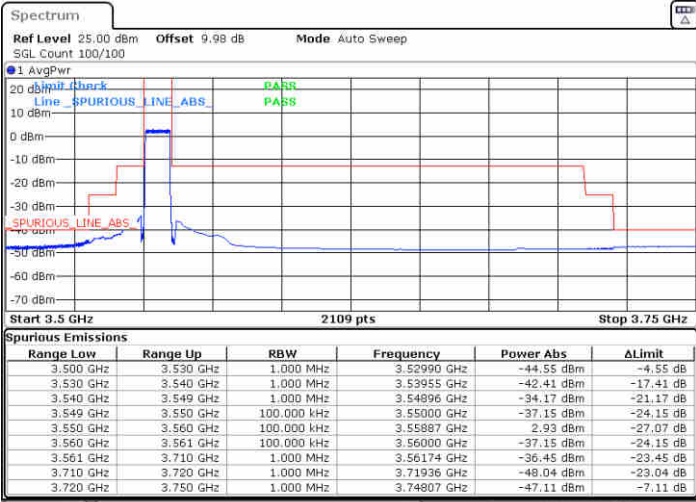


Date: 3.AUG.2020 02:40:48

Date: 3.AUG.2020 02:45:19

Lowest Channel / FullIRB

N/A



Date: 3.AUG.2020 02:34:08

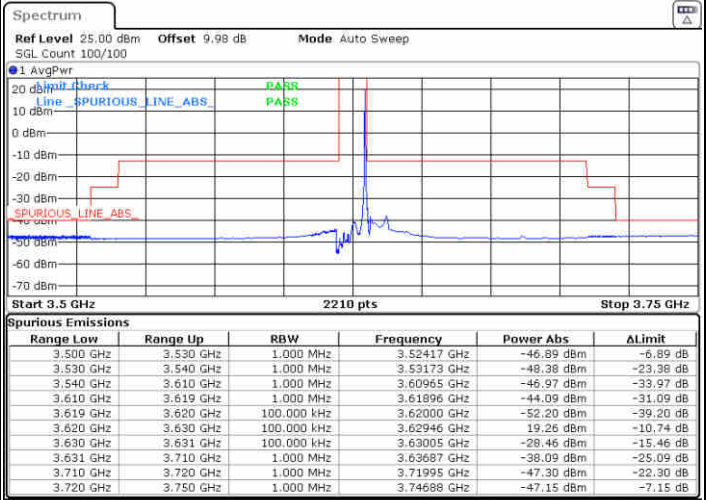
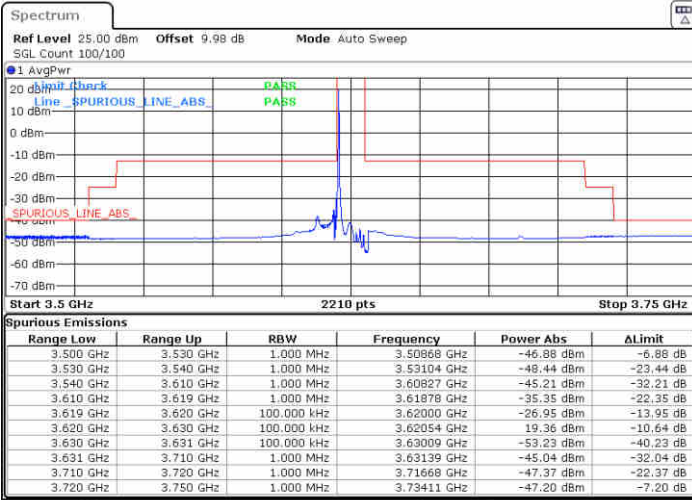


LTE Band 48 / 10MHz

16QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax

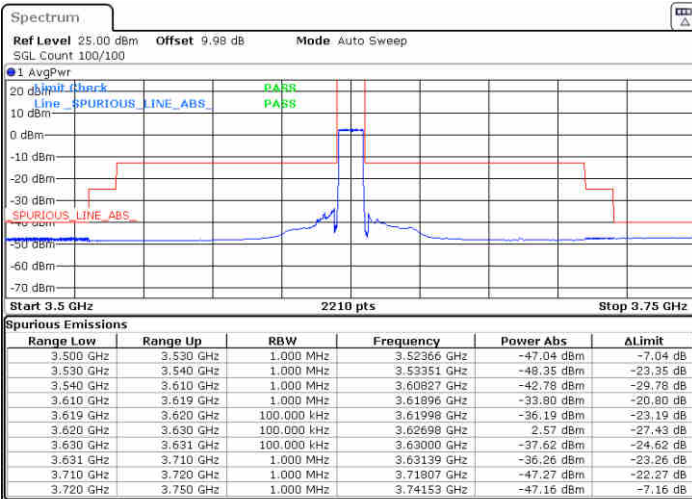


Date: 3.AUG.2020 02:06:46

Date: 3.AUG.2020 02:13:47

Middle Channel / FullIRB

N/A



Date: 3.AUG.2020 02:02:01

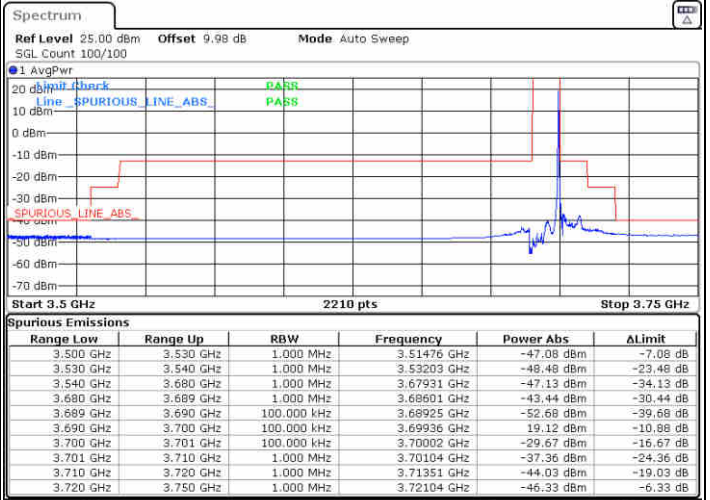
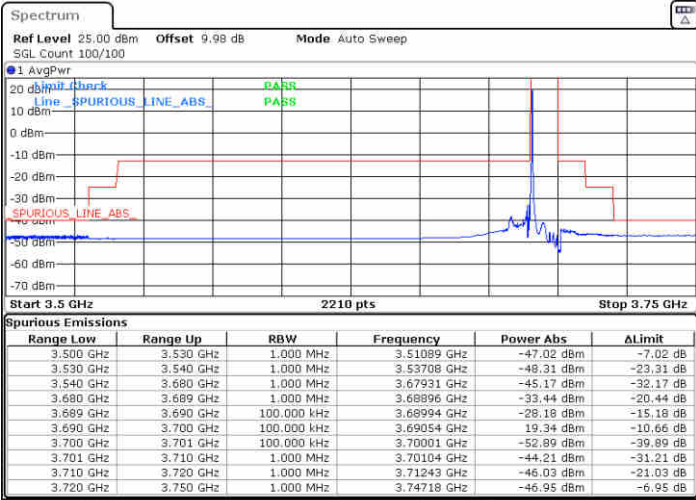


LTE Band 48 / 10MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

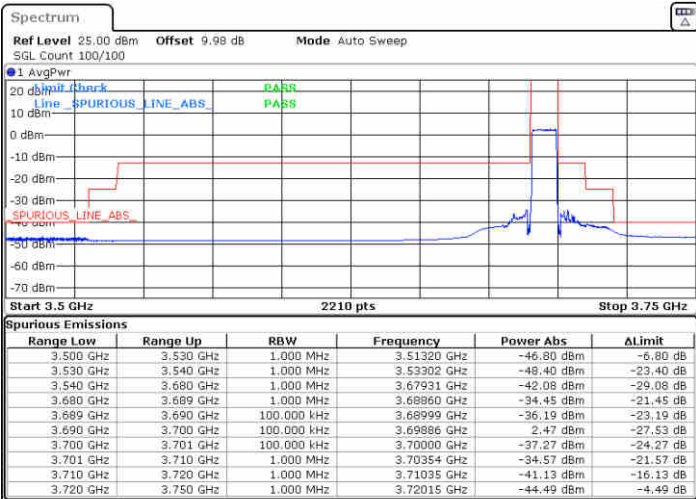


Date: 3.AUG.2020 02:23:46

Date: 3.AUG.2020 02:19:23

Highest Channel / FullIRB

N/A



Date: 3.AUG.2020 02:28:16



LTE Band 48 / 15MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

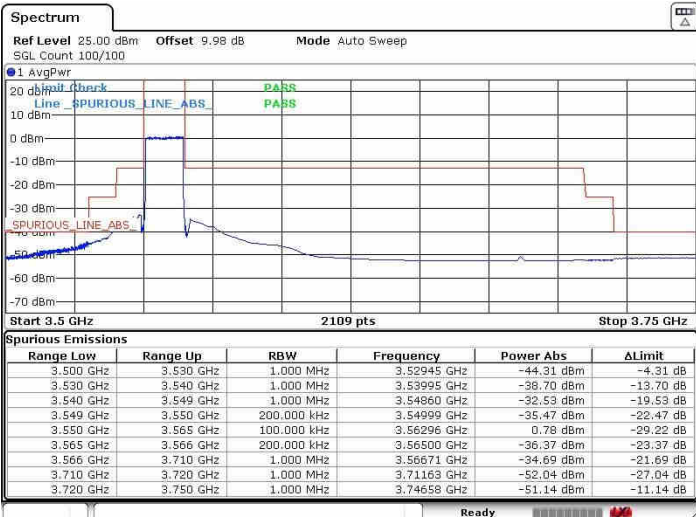


Date: 31.JUL.2020 20:22:57

Date: 31.JUL.2020 20:16:58

Lowest Channel / FullIRB

N/A



Date: 31.JUL.2020 20:29:08

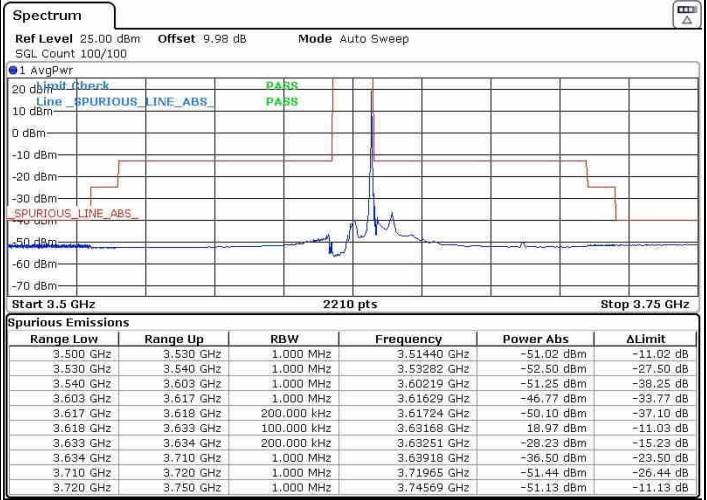
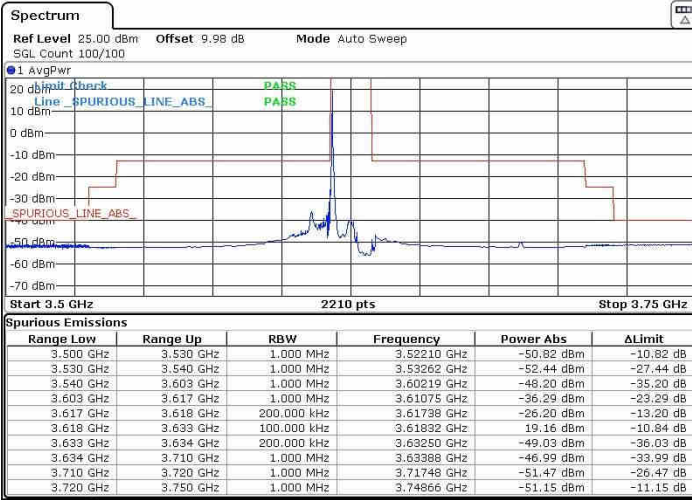


LTE Band 48 / 15MHz

16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

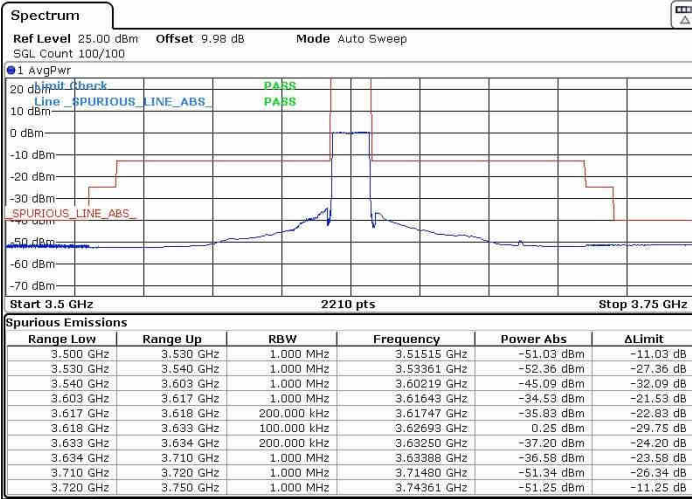


Date: 31.JUL.2020 19:46:16

Date: 31.JUL.2020 19:52:21

Middle Channel / FullIRB

N/A



Date: 31.JUL.2020 19:42:51

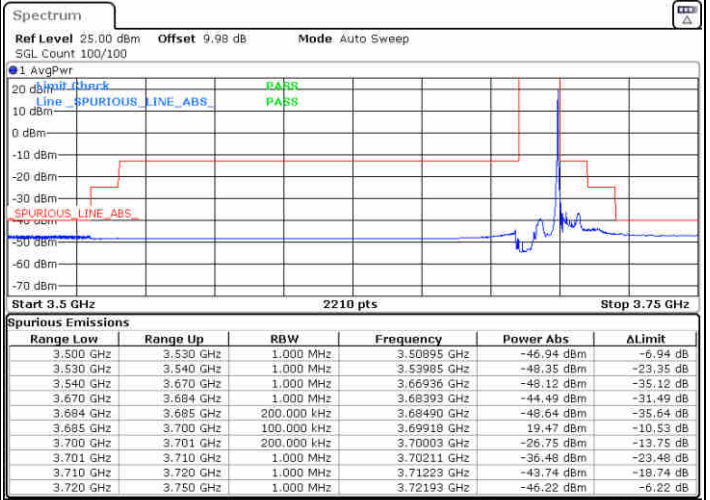
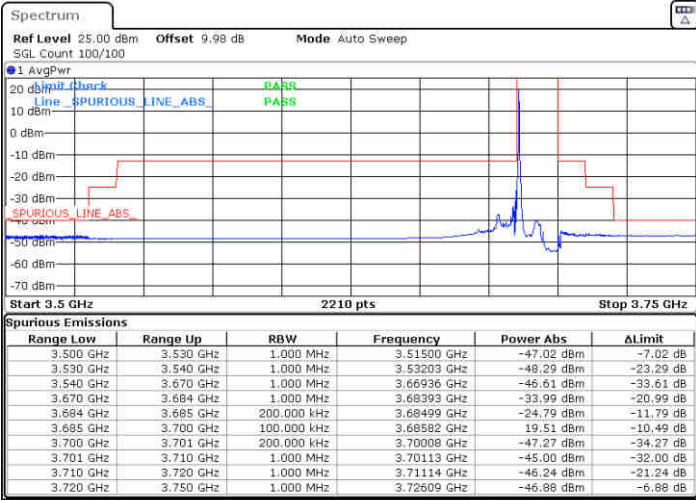


LTE Band 48 / 15MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

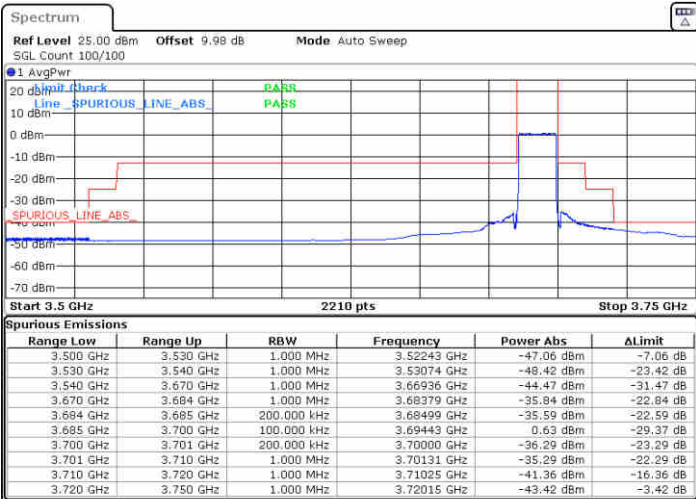


Date: 3.AUG.2020 01:20:56

Date: 3.AUG.2020 01:15:28

Highest Channel / FullIRB

N/A



Date: 3.AUG.2020 01:26:56