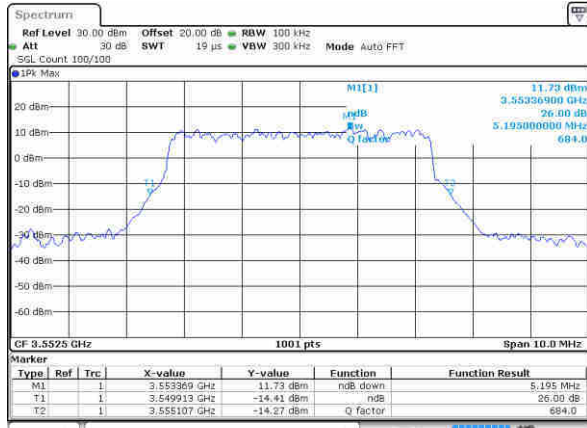




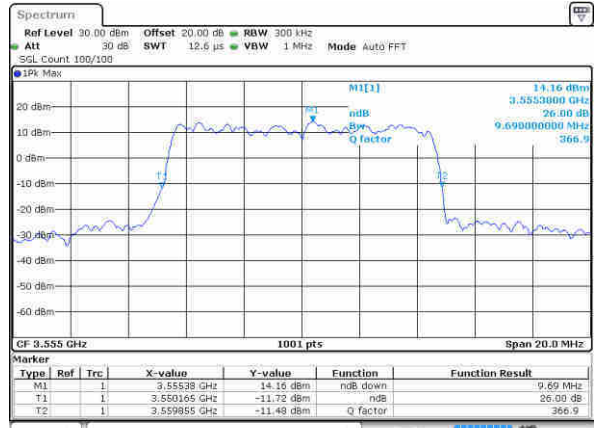
LTE Band 48

Lowest Channel / 5MHz / 64QAM



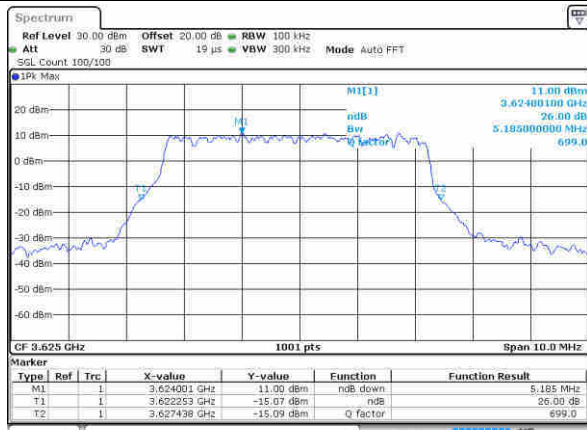
Date: 14 FEB 2020 06:28:31

Lowest Channel / 10MHz / 64QAM



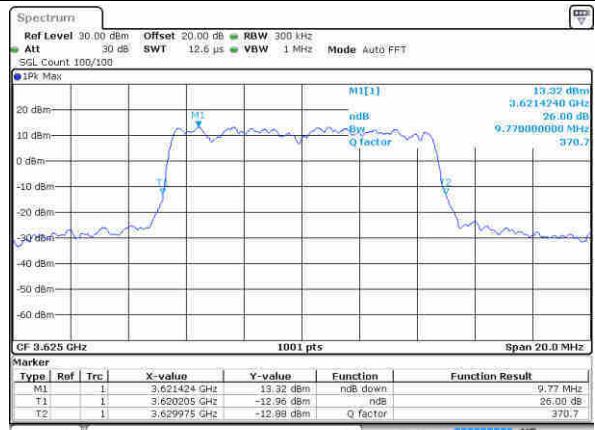
Date: 16 FEB 2020 03:47:09

Middle Channel / 5MHz / 64QAM



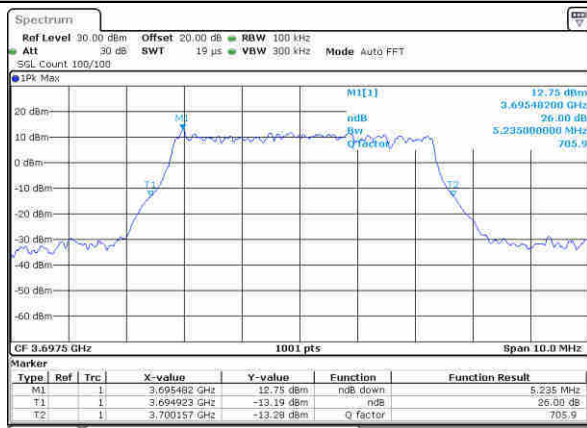
Date: 14 FEB 2020 07:11:31

Middle Channel / 10MHz / 64QAM



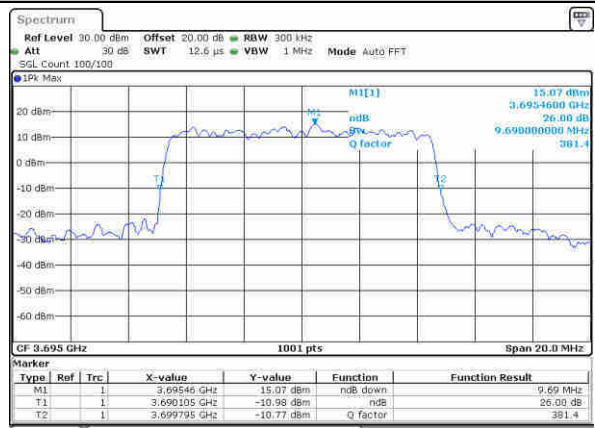
Date: 16 FEB 2020 03:50:25

Highest Channel / 5MHz / 64QAM



Date: 14 FEB 2020 07:53:44

Highest Channel / 10MHz / 64QAM



Date: 16 FEB 2020 03:53:47



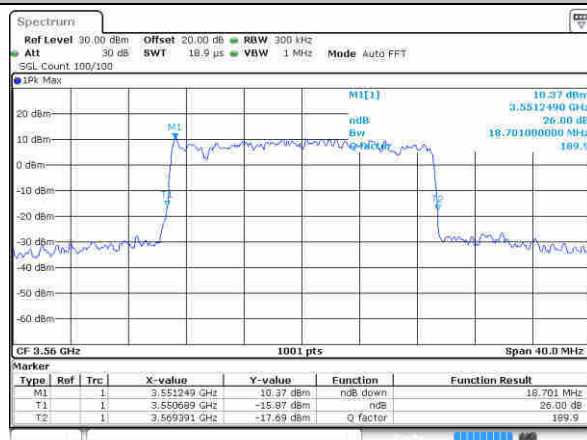
LTE Band 48

Lowest Channel / 15MHz / 64QAM



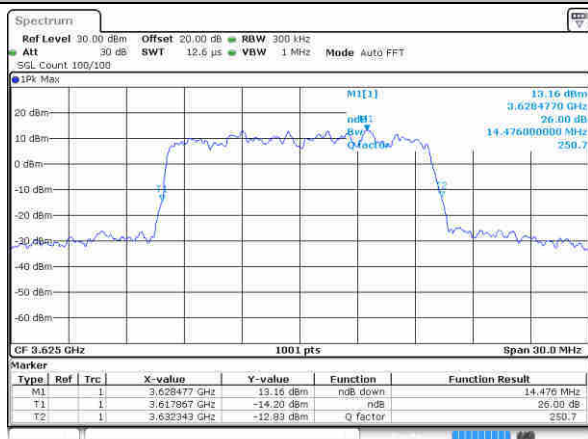
Date: 16.FEB.2020 03:57:37

Lowest Channel / 20MHz / 64QAM



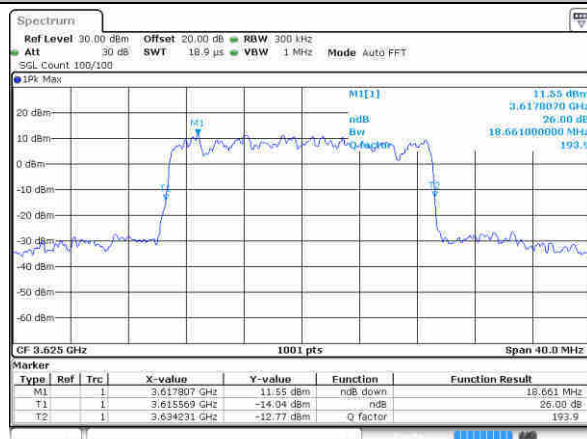
Date: 14.FEB.2020 05:44:07

Middle Channel / 15MHz / 64QAM



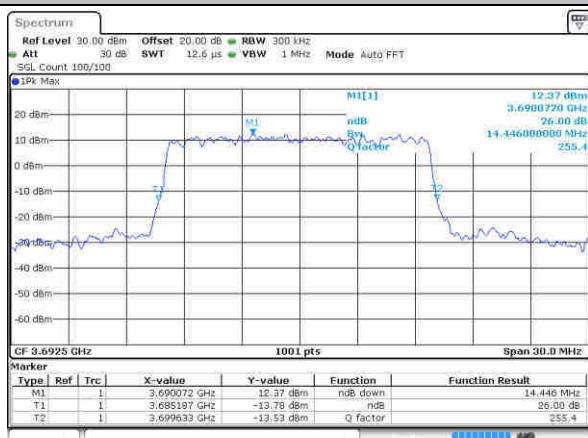
Date: 16.FEB.2020 04:00:30

Middle Channel / 20MHz / 64QAM



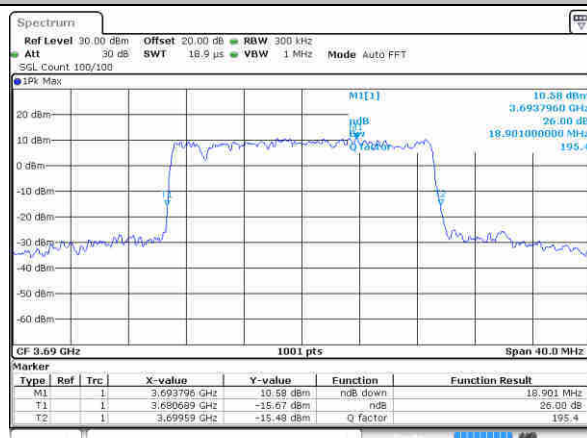
Date: 14.FEB.2020 04:42:38

Highest Channel / 15MHz / 64QAM



Date: 16.FEB.2020 04:02:13

Highest Channel / 20MHz / 64QAM



Date: 14.FEB.2020 03:04:56

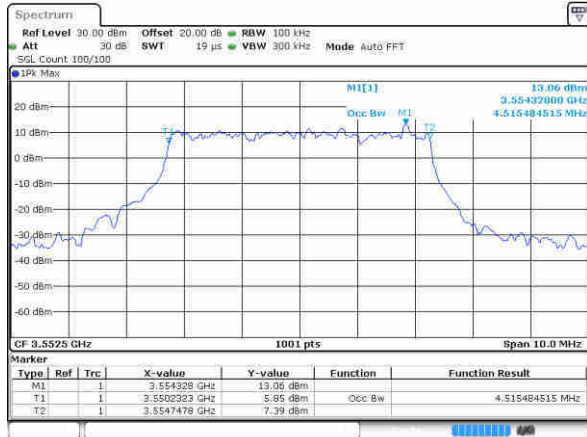
**Occupied Bandwidth**

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	4.55	8.99	9.01	13.43	13.52	17.86	17.94
Middle CH	-	-	-	-	4.51	4.53	9.03	9.07	13.43	13.46	17.90	17.82
Highest CH	-	-	-	-	4.52	4.52	8.95	9.09	13.49	13.40	17.94	17.98
Mode	LTE Band 48 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	-	9.07	-	13.40	-	17.94	-
Middle CH	-	-	-	-	4.51	-	9.13	-	13.46	-	17.86	-
Highest CH	-	-	-	-	4.52	-	9.07	-	13.40	-	17.94	-

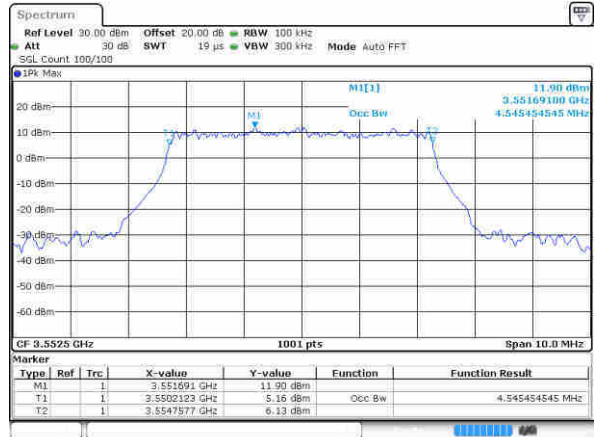


LTE Band 48

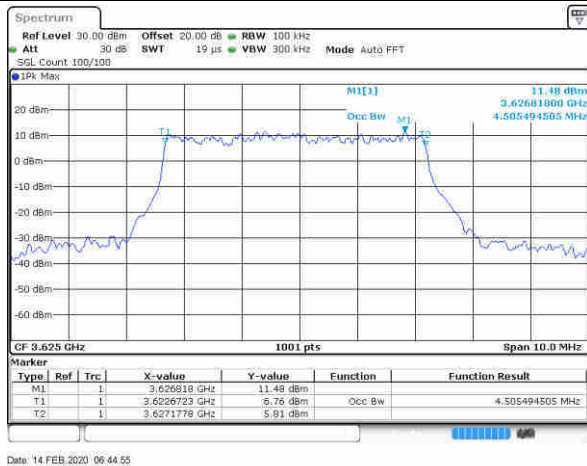
Lowest Channel / 5MHz / QPSK



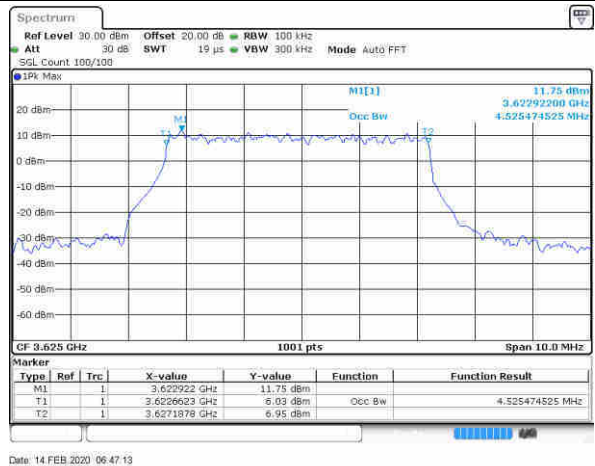
Lowest Channel / 5MHz / 16QAM



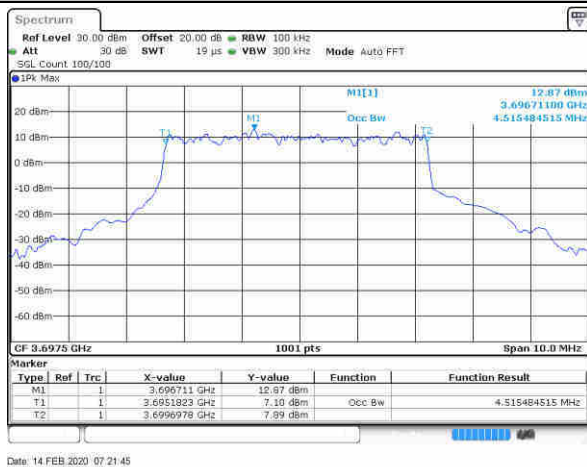
Middle Channel / 5MHz / QPSK



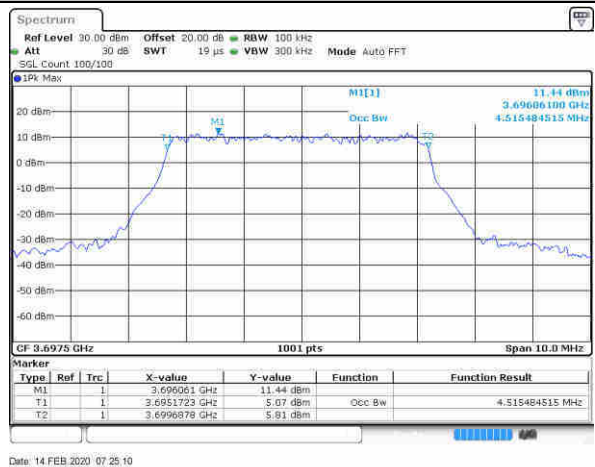
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



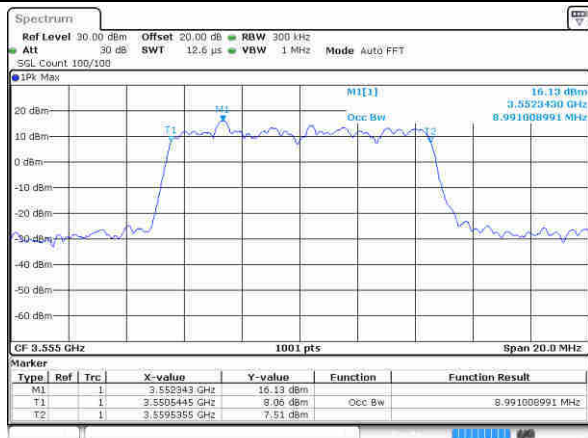
Highest Channel / 5MHz / 16QAM



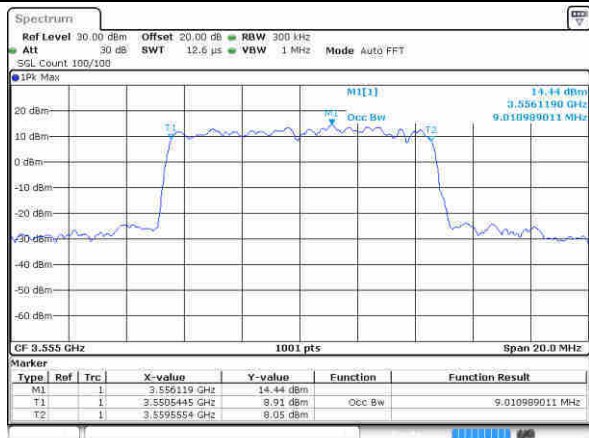


LTE Band 48

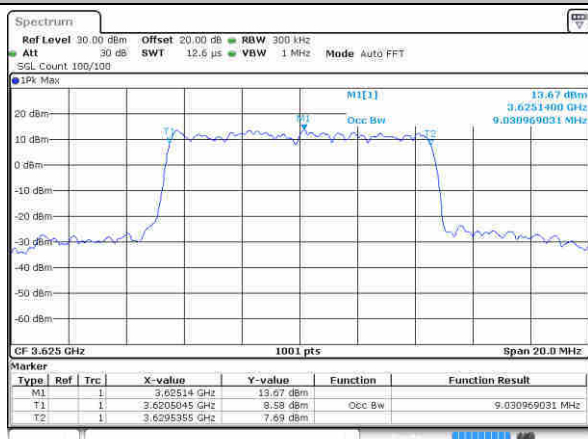
Lowest Channel / 10MHz / QPSK



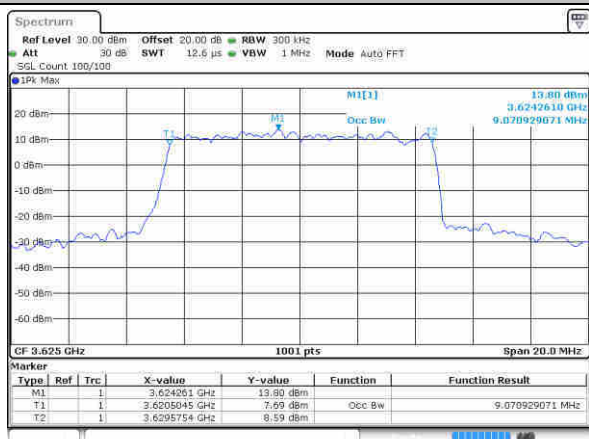
Lowest Channel / 10MHz / 16QAM



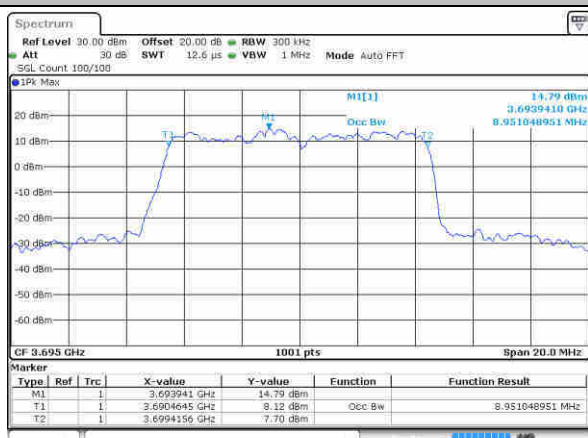
Middle Channel / 10MHz / QPSK



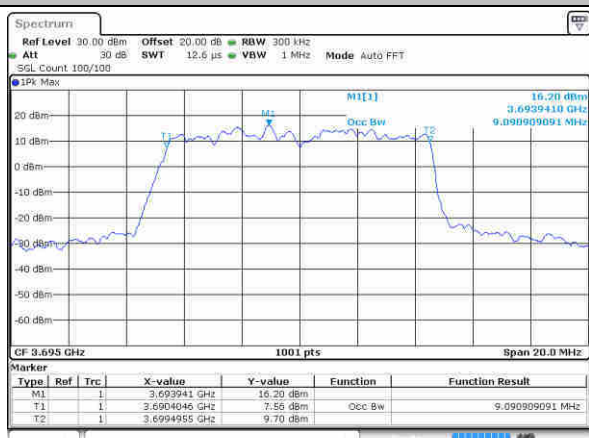
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



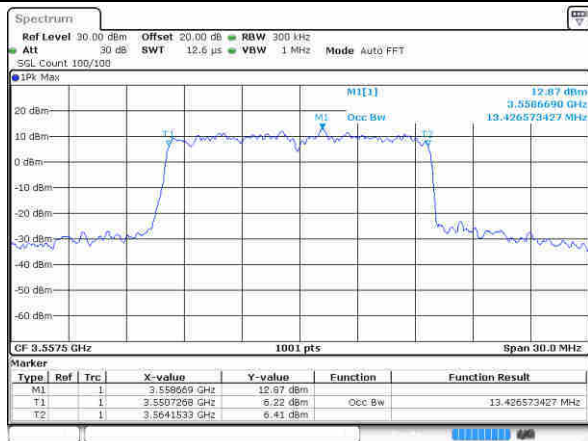
Highest Channel / 10MHz / 16QAM



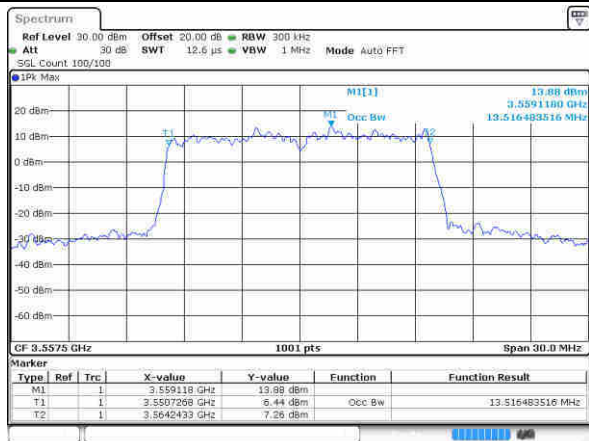


LTE Band 48

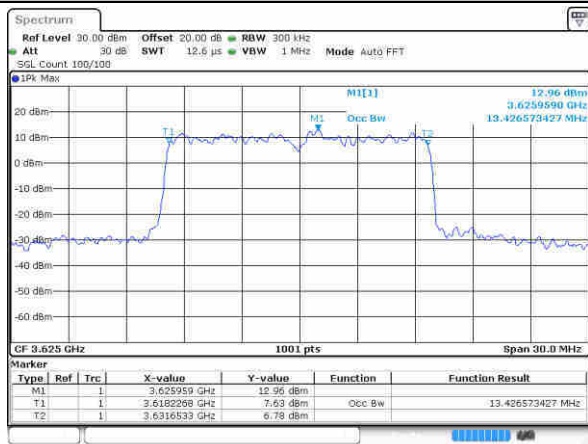
Lowest Channel / 15MHz / QPSK



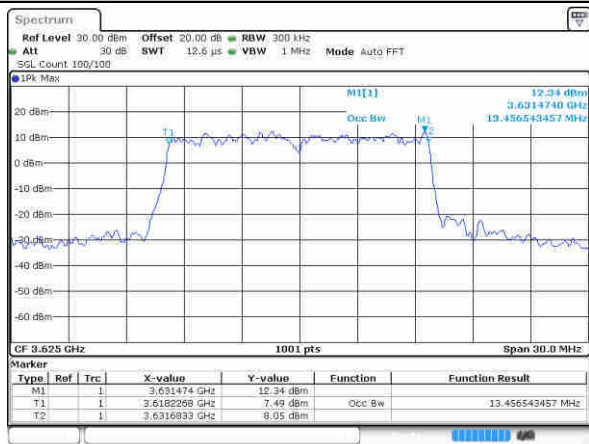
Lowest Channel / 15MHz / 16QAM



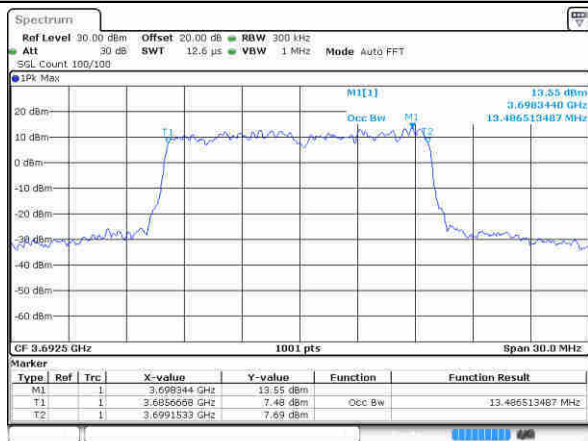
Middle Channel / 15MHz / QPSK



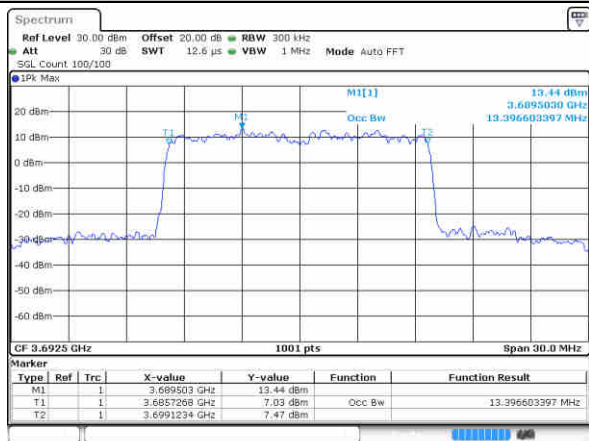
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



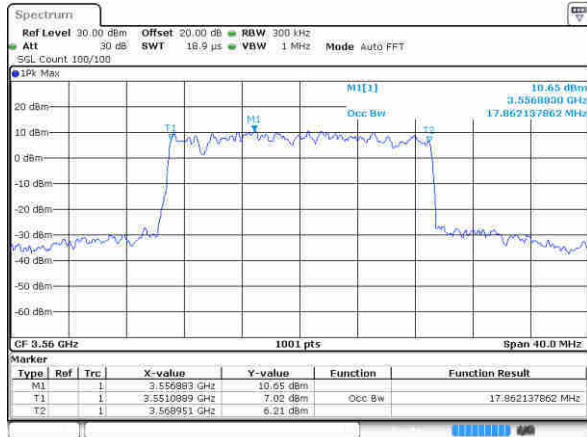
Highest Channel / 15MHz / 16QAM



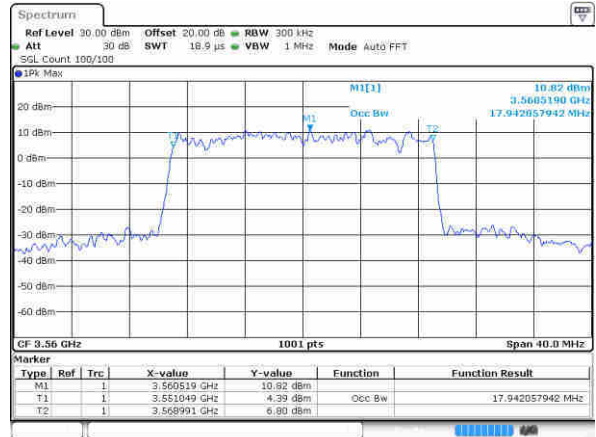


LTE Band 48

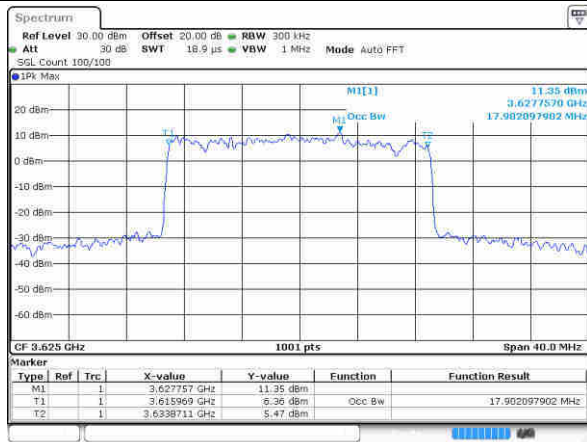
Lowest Channel / 20MHz / QPSK



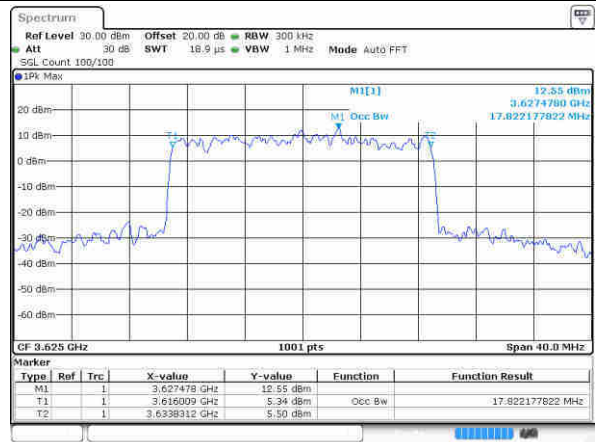
Lowest Channel / 20MHz / 16QAM



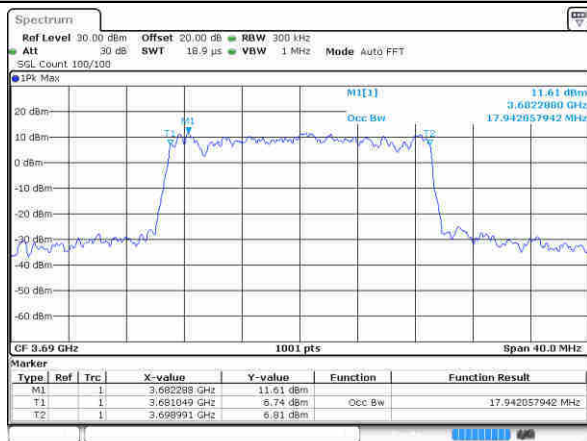
Middle Channel / 20MHz / QPSK



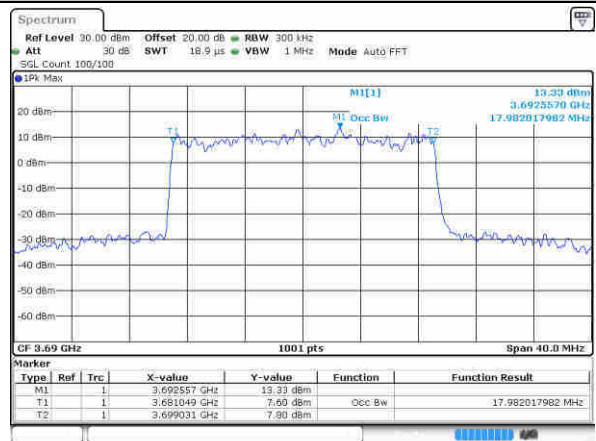
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



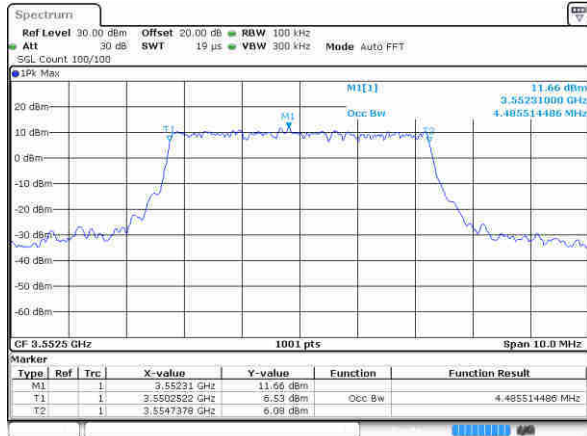
Highest Channel / 20MHz / 16QAM



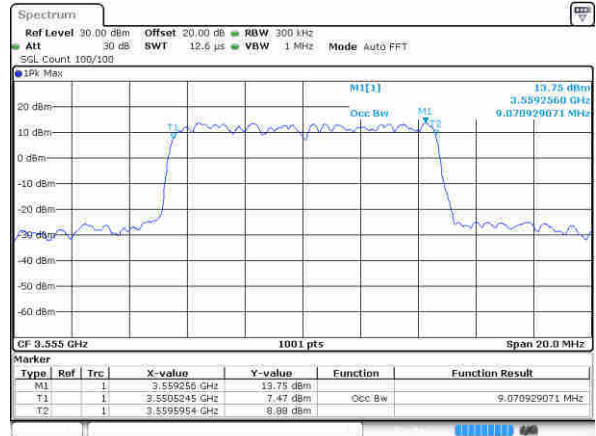


LTE Band 48

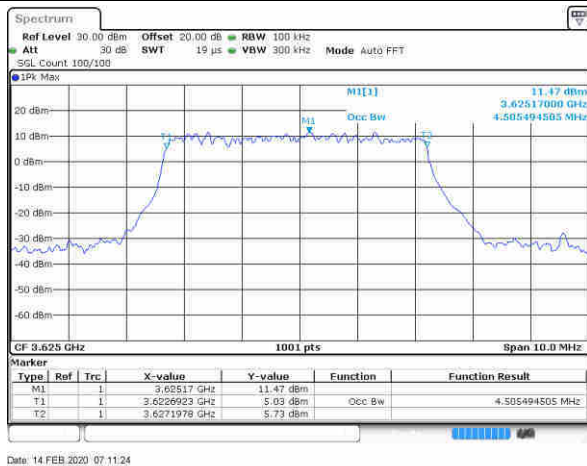
Lowest Channel / 5MHz / 64QAM



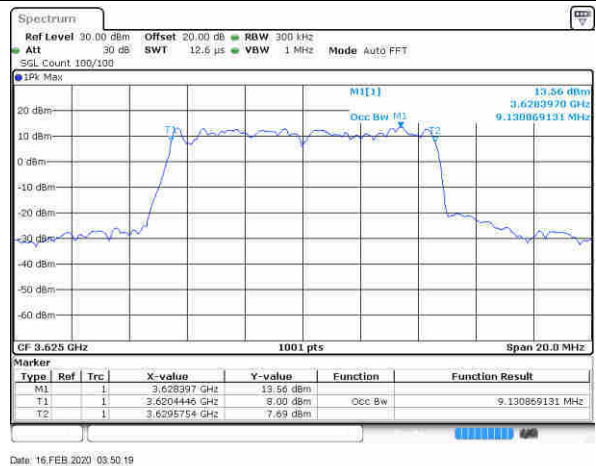
Lowest Channel / 10MHz / 64QAM



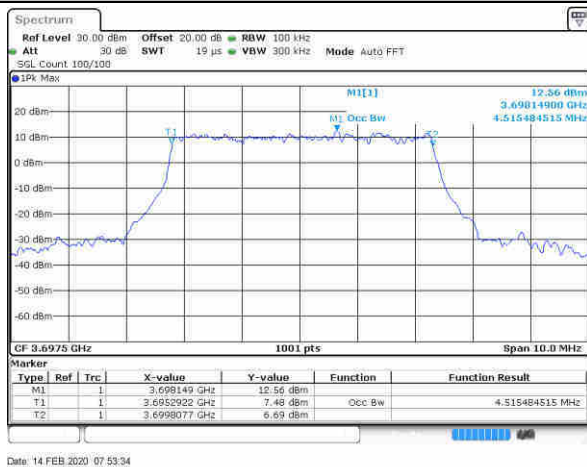
Middle Channel / 5MHz / 64QAM



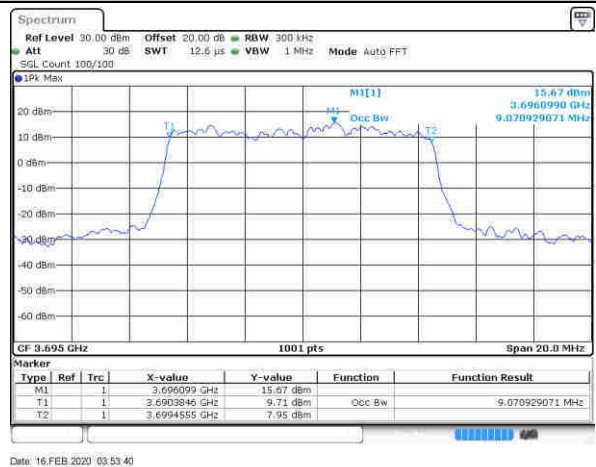
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



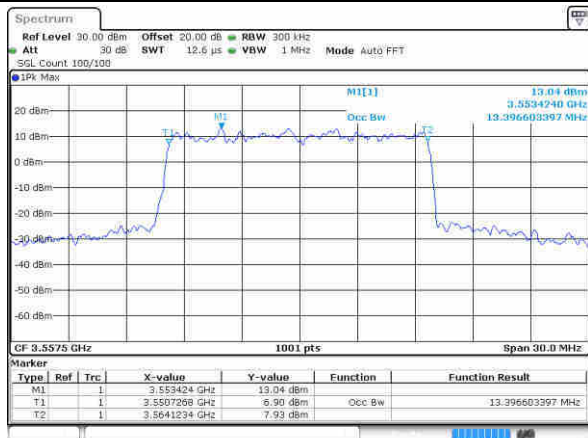
Highest Channel / 10MHz / 64QAM





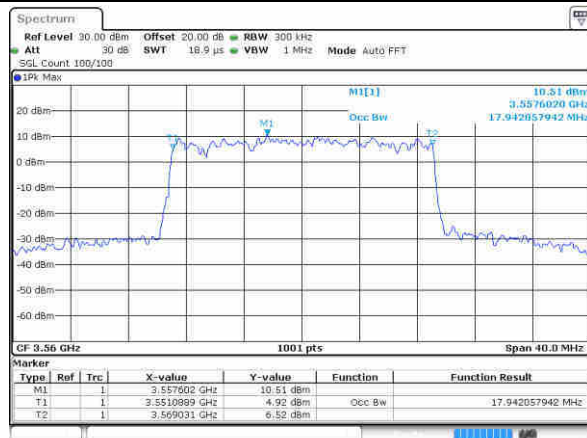
LTE Band 48

Lowest Channel / 15MHz / 64QAM



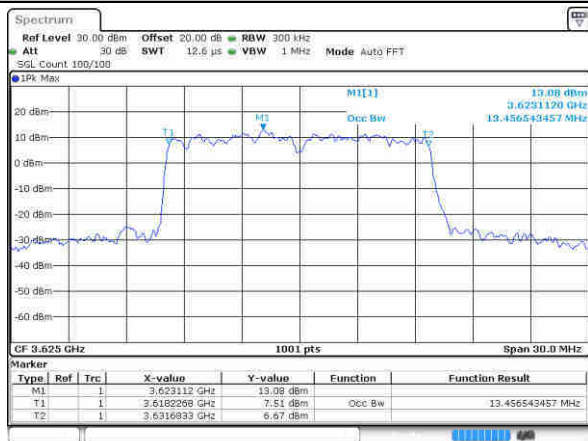
Date: 16.FEB.2020 03:57:31

Lowest Channel / 20MHz / 64QAM



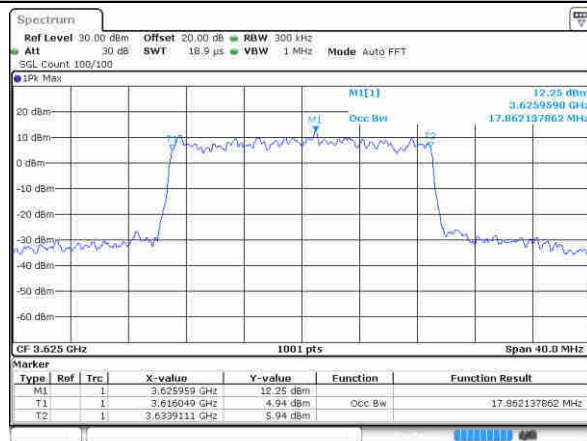
Date: 14.FEB.2020 05:43:58

Middle Channel / 15MHz / 64QAM



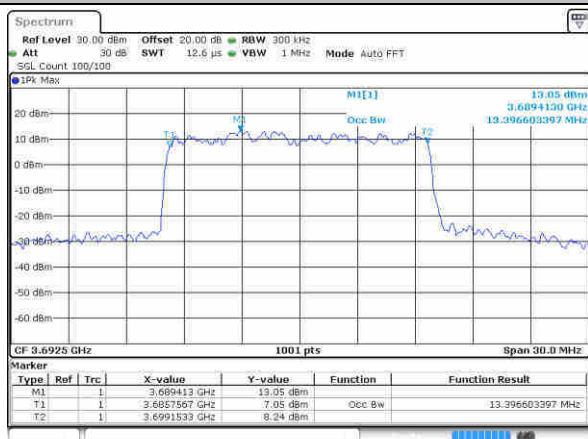
Date: 16.FEB.2020 04:00:24

Middle Channel / 20MHz / 64QAM



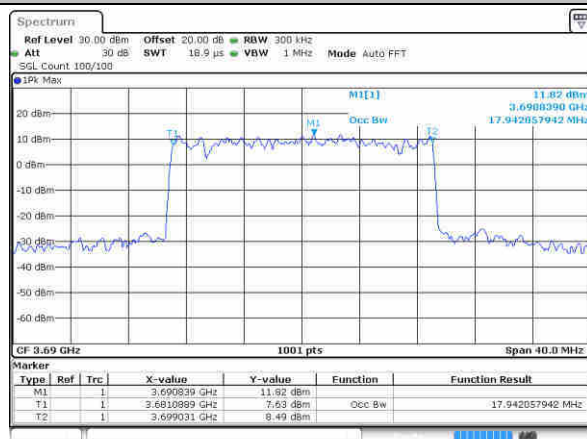
Date: 14.FEB.2020 04:42:30

Highest Channel / 15MHz / 64QAM

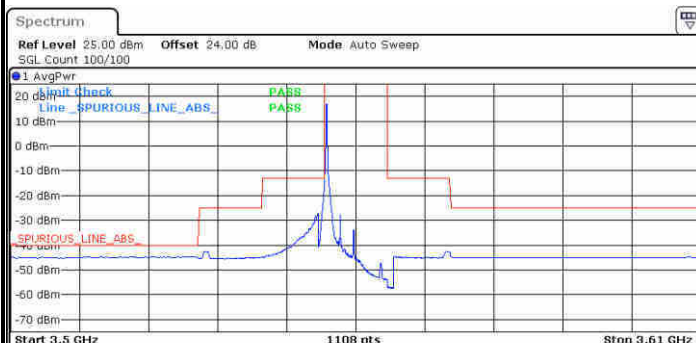


Date: 16.FEB.2020 04:03:07

Highest Channel / 20MHz / 64QAM

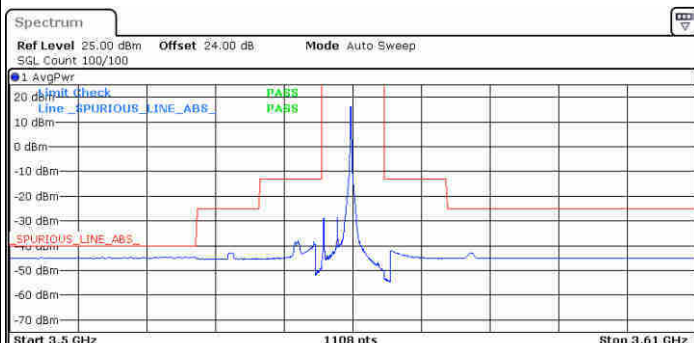


Date: 14.FEB.2020 03:04:25

**Conducted Band Edge****LTE Band 48 / 5MHz****QPSK****Lowest Channel / 1RB0**

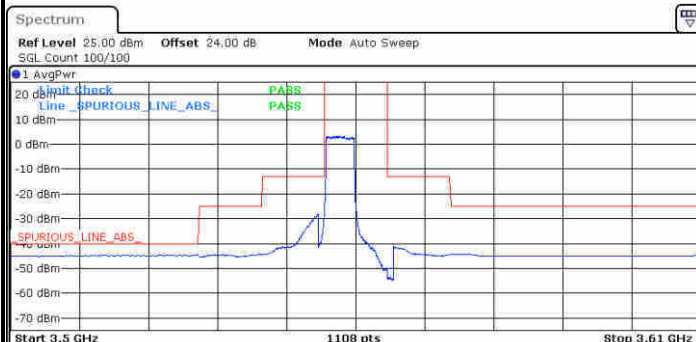
Spurious Emissions					
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52777 GHz	-44.63 dBm	-4.63 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53094 GHz	-42.62 dBm	-17.62 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-26.98 dBm	-13.98 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-16.19 dBm	-3.19 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55034 GHz	17.01 dBm	-12.99 dB
3.560 GHz	3.561 GHz	50.000 kHz	3.56007 GHz	-56.82 dBm	-43.82 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56933 GHz	-42.60 dBm	-29.60 dB
3.570 GHz	3.610 GHz	1.000 MHz	3.57020 GHz	-44.66 dBm	-19.66 dB

Date: 14.FEB.2020 05:49:02

Lowest Channel / 1RBmax

Spurious Emissions					
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52569 GHz	-44.75 dBm	-4.75 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53520 GHz	-43.00 dBm	-18.00 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54628 GHz	-38.11 dBm	-25.11 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.54994 GHz	-48.83 dBm	-35.83 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55465 GHz	16.36 dBm	-13.64 dB
3.560 GHz	3.561 GHz	50.000 kHz	3.56002 GHz	-53.01 dBm	-40.01 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56113 GHz	-41.81 dBm	-28.81 dB
3.570 GHz	3.610 GHz	1.000 MHz	3.57376 GHz	-42.80 dBm	-17.80 dB

Date: 14.FEB.2020 05:56:35

Lowest Channel / FullRB

Spurious Emissions					
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-44.54 dBm	-4.54 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53946 GHz	-44.27 dBm	-19.27 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-28.06 dBm	-15.06 dB
3.549 GHz	3.550 GHz	50.000 kHz	3.55000 GHz	-28.01 dBm	-15.01 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.55156 GHz	3.32 dBm	-26.68 dB
3.560 GHz	3.561 GHz	50.000 kHz	3.56011 GHz	-53.57 dBm	-40.57 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.56104 GHz	-40.99 dBm	-27.99 dB
3.570 GHz	3.610 GHz	1.000 MHz	3.57020 GHz	-44.31 dBm	-19.31 dB

Date: 14.FEB.2020 05:58:46

N/A

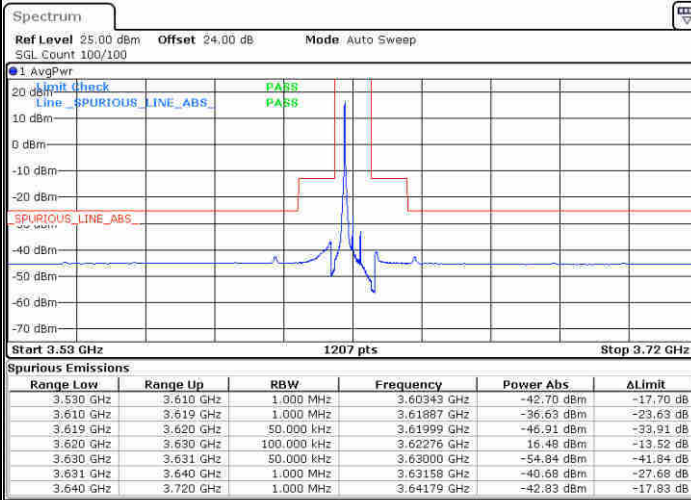


LTE Band 48 / 5MHz

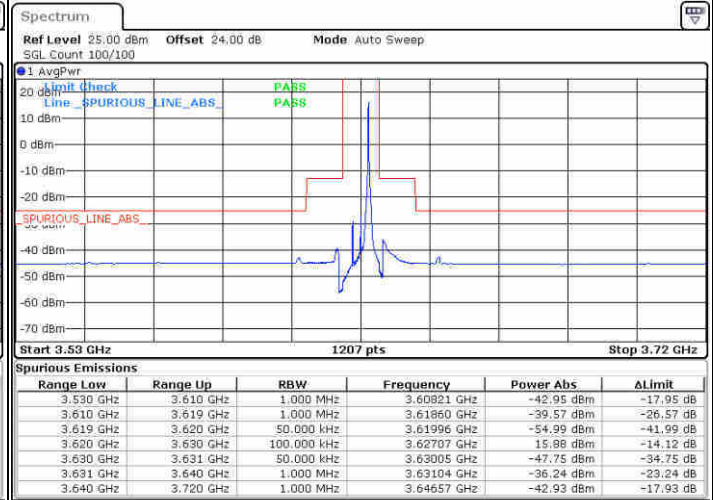
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



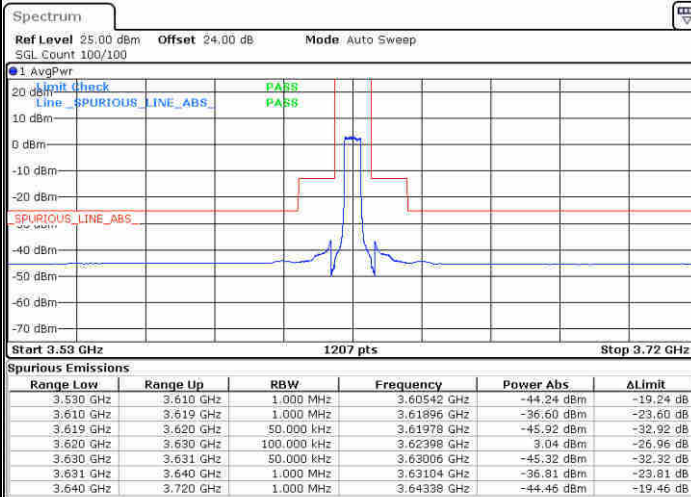
Date: 14.FEB.2020 06:35:54



Date: 14.FEB.2020 06:38:50

Middle Channel / FullIRB

N/A



Date: 14.FEB.2020 06:41:00

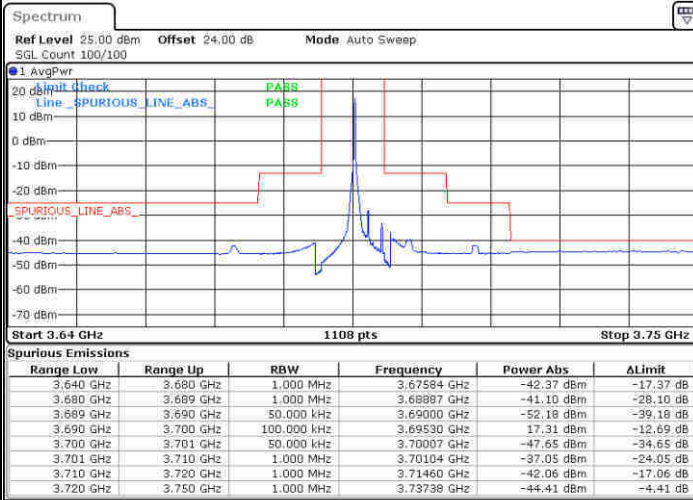


LTE Band 48 / 5MHz

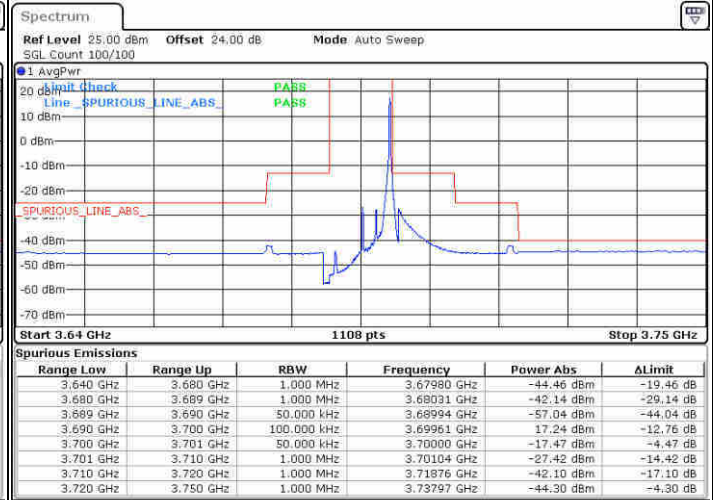
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



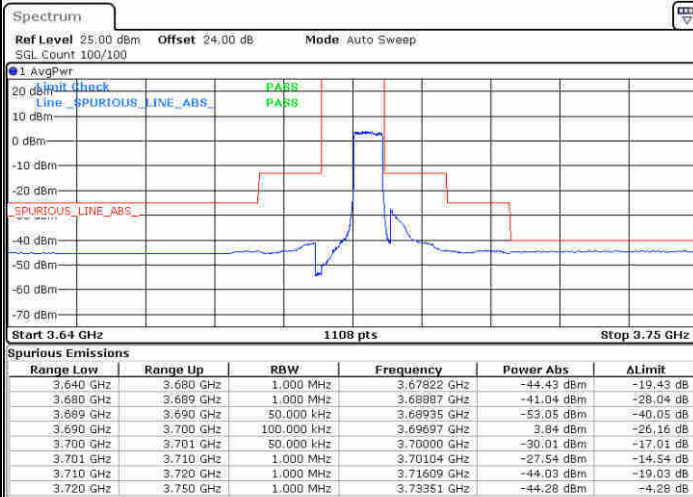
Date: 14.FEB.2020 07:14:28



Date: 14.FEB.2020 07:16:47

Highest Channel / FullIRB

N/A



Date: 14.FEB.2020 07:19:45

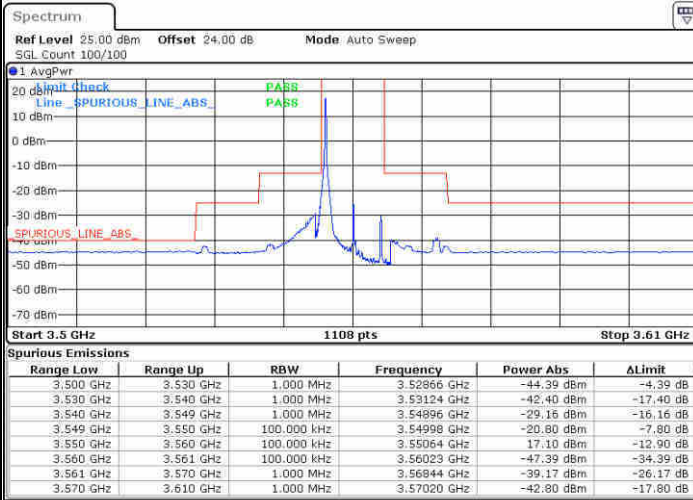


LTE Band 48 / 10MHz

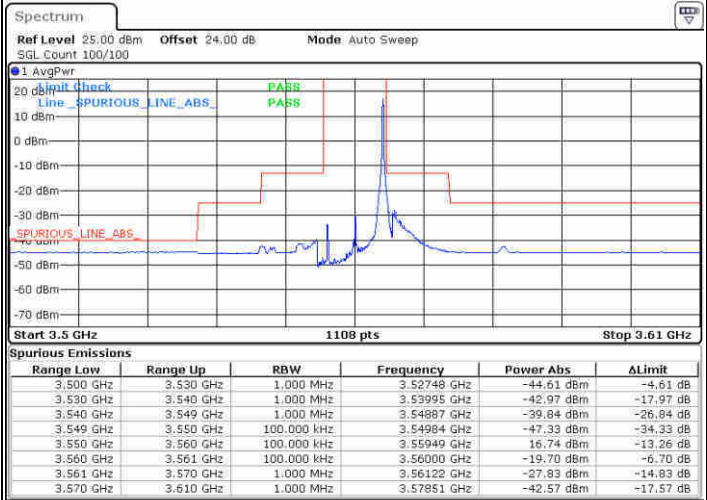
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



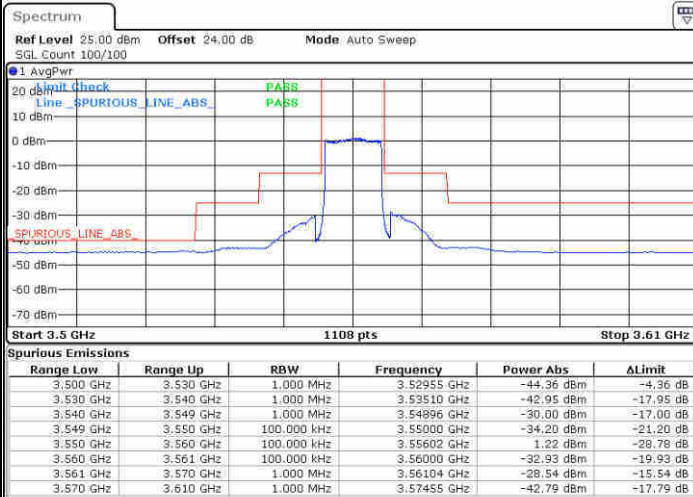
Date: 15 FEB 2020 07:10:17



Date: 15 FEB 2020 07:10:58

Lowest Channel / FullIRB

N/A



Date: 15 FEB 2020 07:11:59

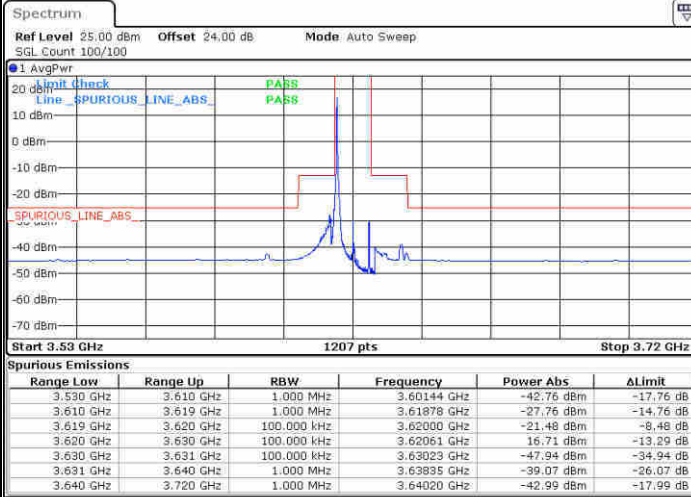


LTE Band 48 / 10MHz

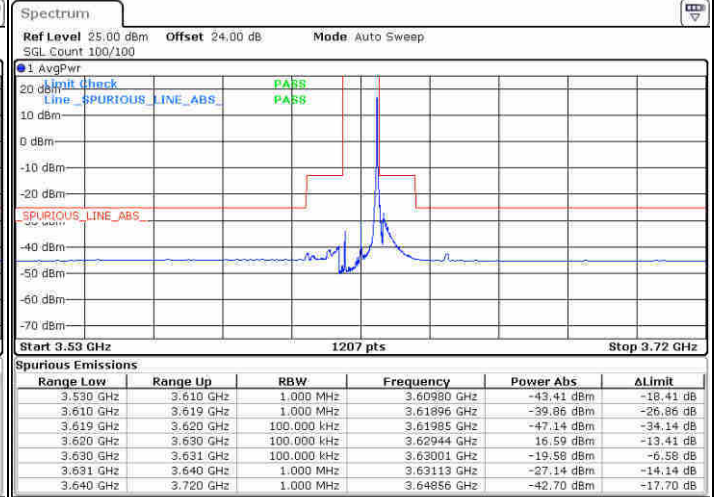
QPSK

MiddleChannel / 1RB0

Middle Channel / 1RBmax



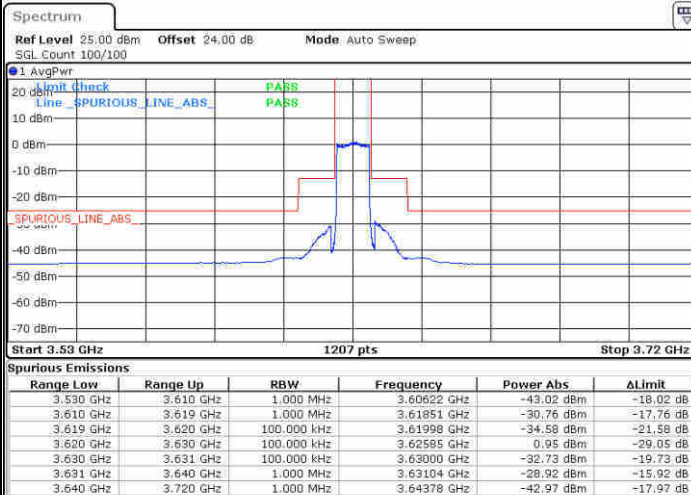
Date: 15 FEB 2020 07:19:09



Date: 15 FEB 2020 07:19:55

Middle Channel / FullRB

N/A



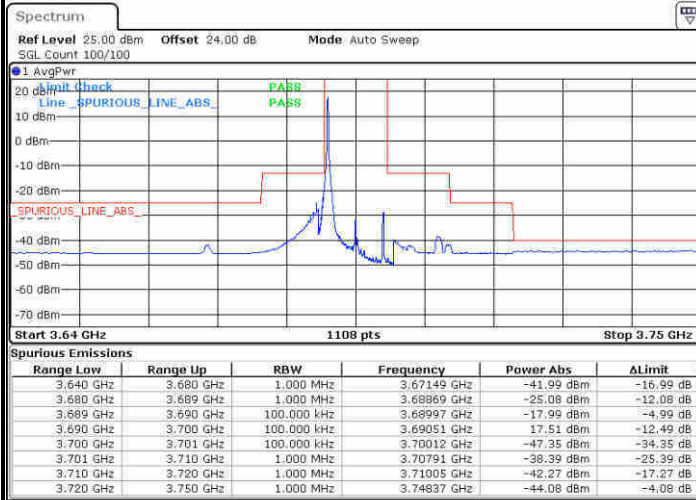
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LTE Band 48 / 10MHz

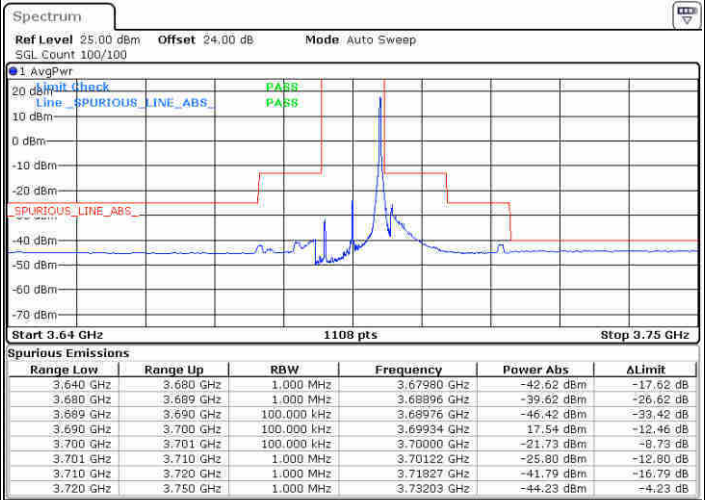
QPSK

Highest Channel / 1RB0



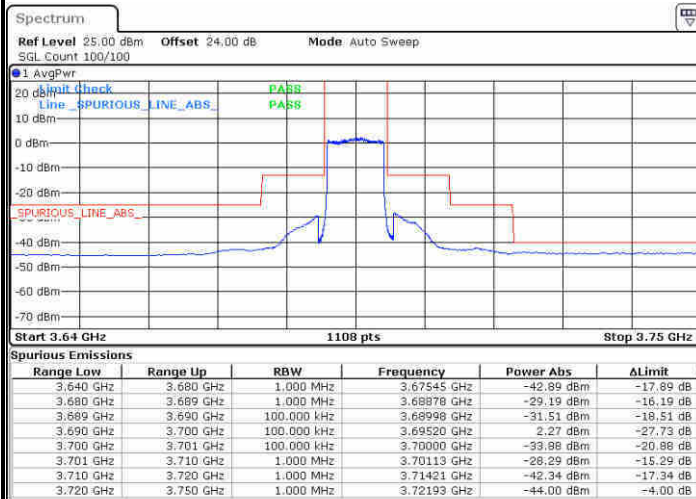
Date: 15 FEB 2020 07:31:49

Highest Channel / 1RBmax



Date: 15 FEB 2020 07:32:33

Highest Channel / FullIRB



Date: 15 FEB 2020 07:38:01

N/A

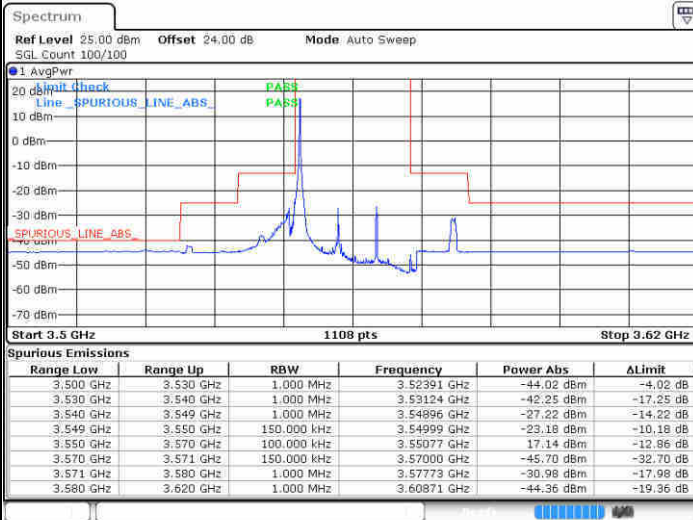


LTE Band 48 / 15MHz

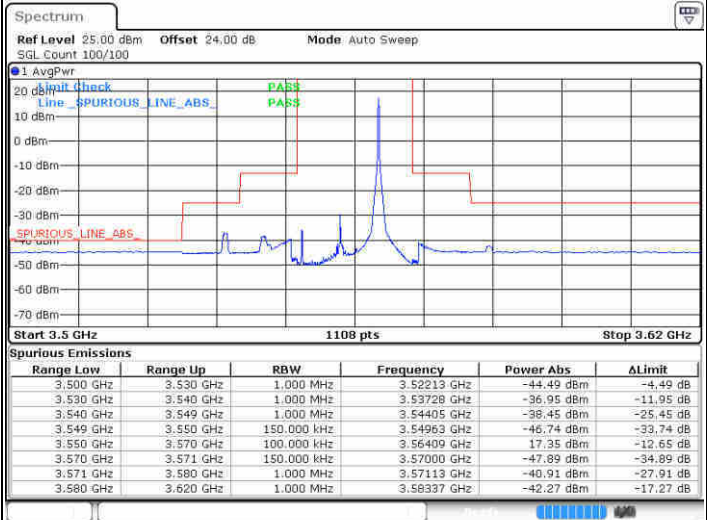
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



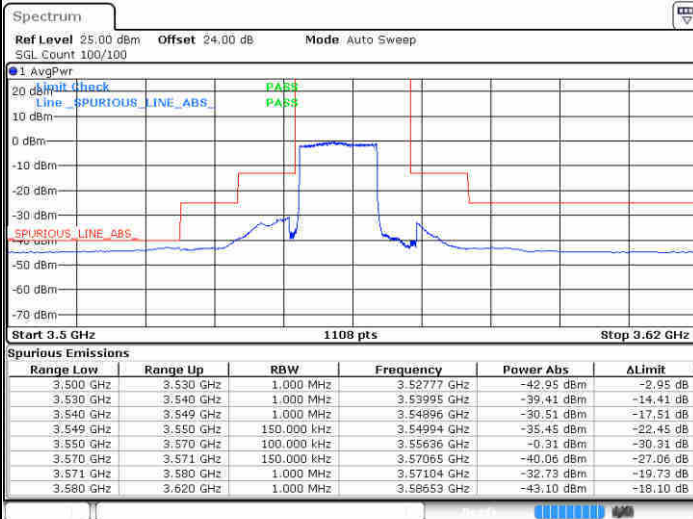
Date: 15 FEB 2020 06:07:16



Date: 15 FEB 2020 06:21:47

Lowest Channel / FullRB

N/A



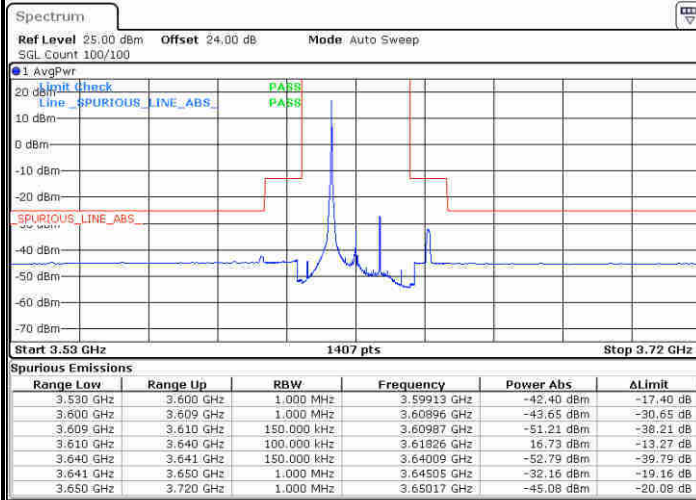
Date: 15 FEB 2020 06:23:15



LTE Band 48 / 15MHz

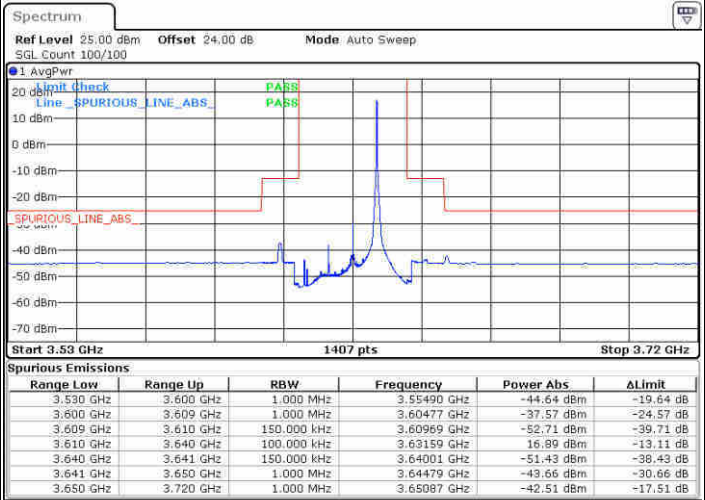
QPSK

Middle Channel / 1RB0



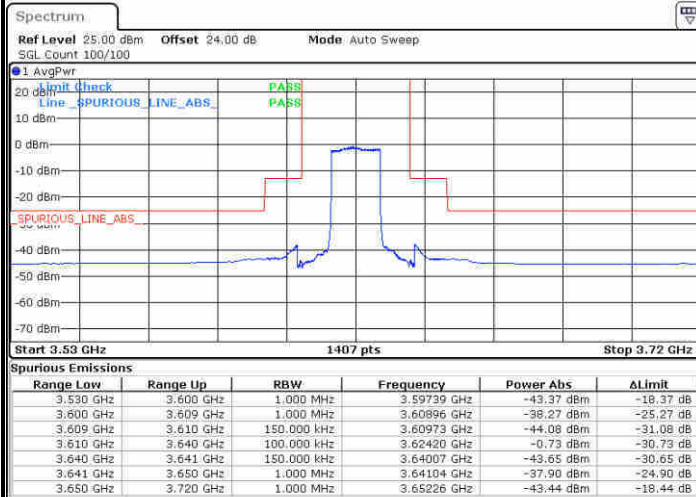
Date: 15 FEB 2020 06:37:30

Middle Channel / 1RBmax



Date: 15 FEB 2020 06:38:56

Middle Channel / FullIRB



Date: 15 FEB 2020 06:41:07

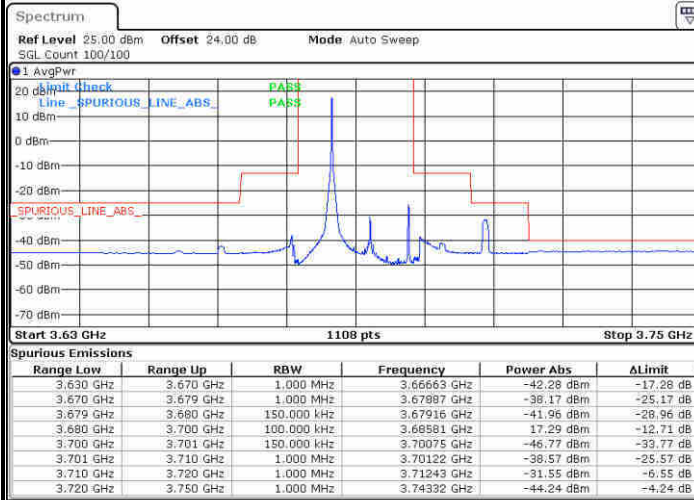
N/A



LTE Band 48 / 15MHz

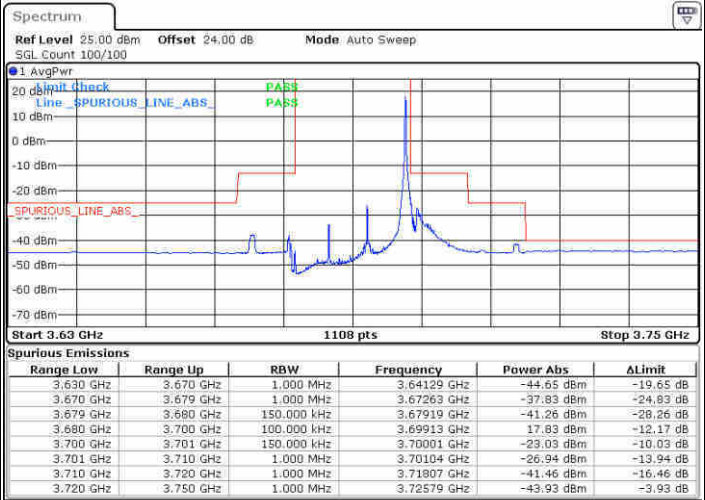
QPSK

Highest Channel / 1RB0



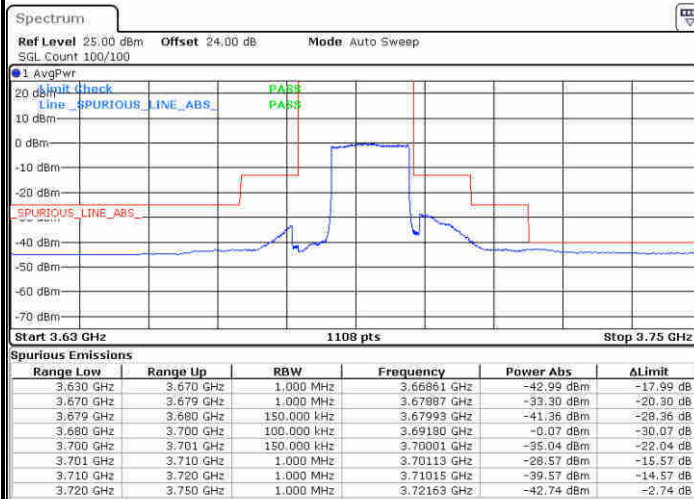
Date: 15 FEB 2020 06:55:13

Highest Channel / 1RBmax



Date: 15 FEB 2020 06:56:43

Highest Channel / FullIRB



Date: 15 FEB 2020 06:58:04

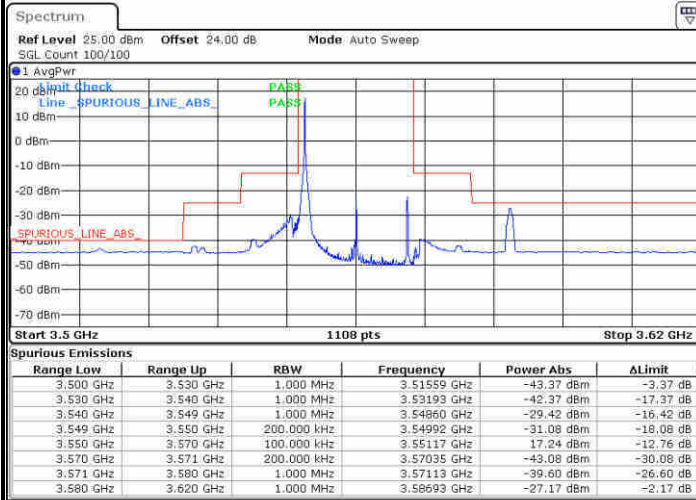
N/A



LTE Band 48 / 20MHz

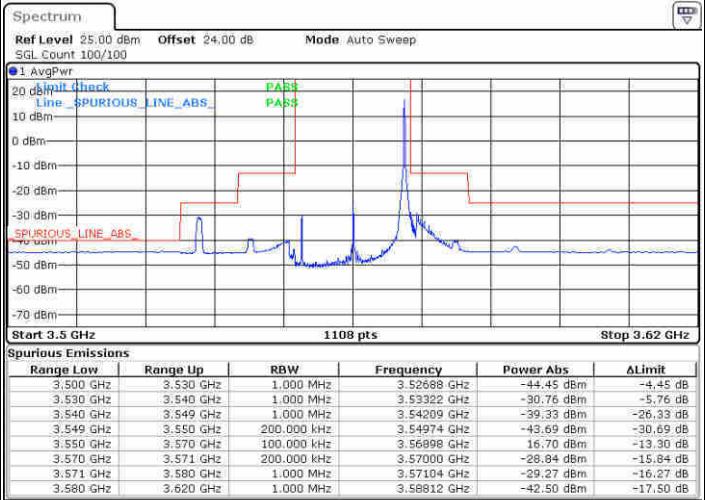
QPSK

Lowest Channel / 1RB0



Date: 14.FEB.2020 05:06:31

Lowest Channel / 1RBmax



Date: 14.FEB.2020 05:09:57

Lowest Channel / FullRB



Date: 14.FEB.2020 05:13:58

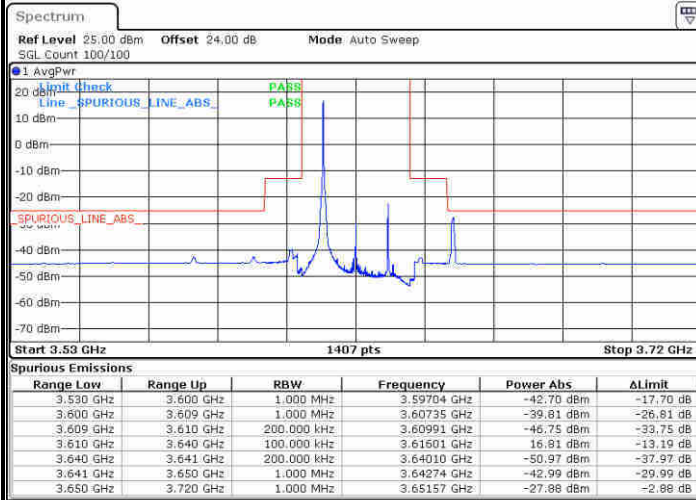
N/A



LTE Band 48 / 20MHz

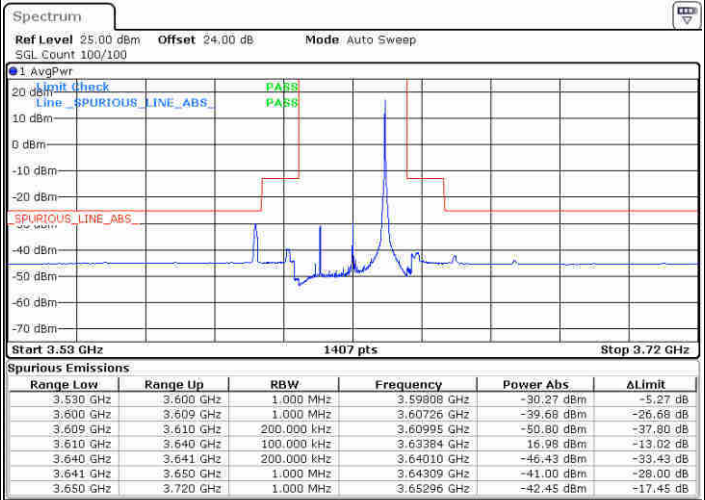
QPSK

Middle Channel / 1RB0



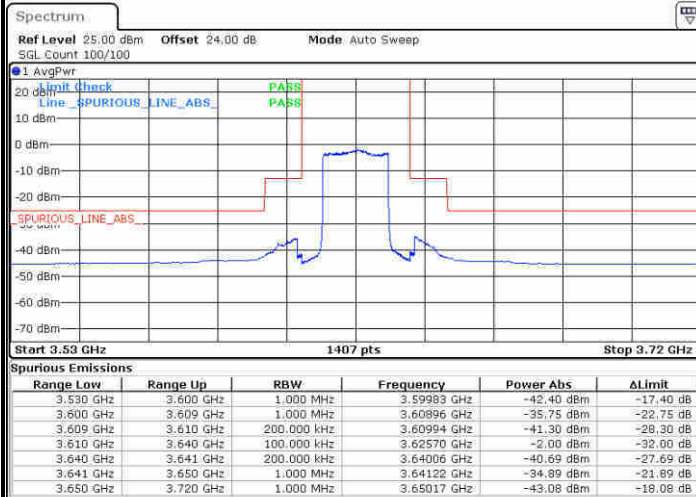
Date: 14.FEB.2020 03:54:07

Middle Channel / 1RBmax



Date: 14.FEB.2020 03:59:19

Middle Channel / FullIRB



Date: 14.FEB.2020 04:04:40

N/A

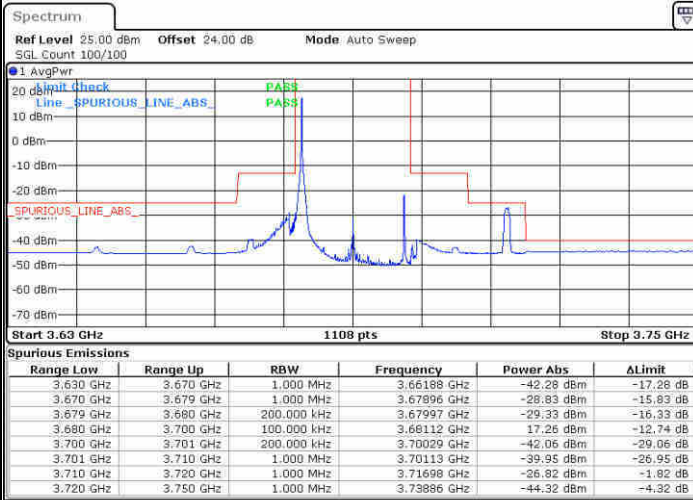


LTE Band 48 / 20MHz

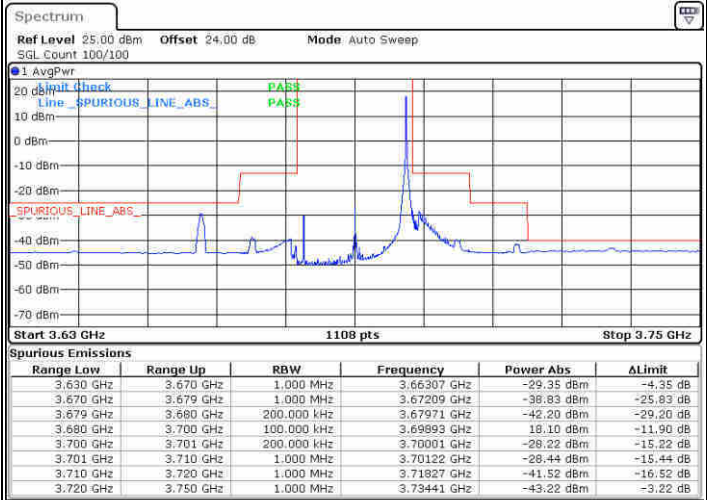
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



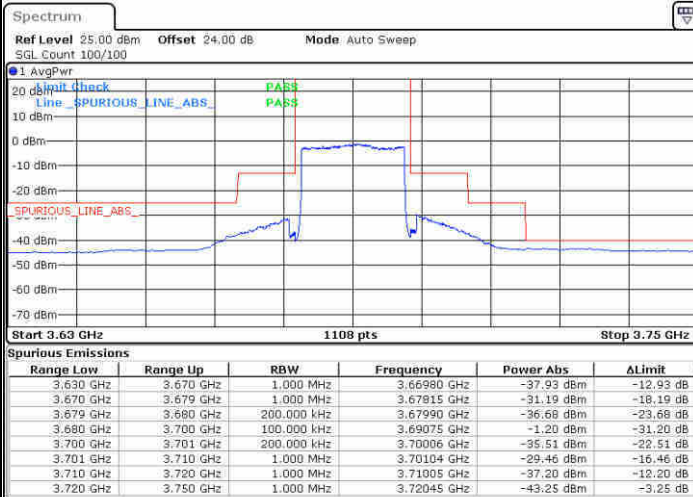
Date: 14.FEB 2020 03:31:41



Date: 14.FEB 2020 03:33:55

Highest Channel / FullIRB

N/A



Date: 14.FEB 2020 03:27:54

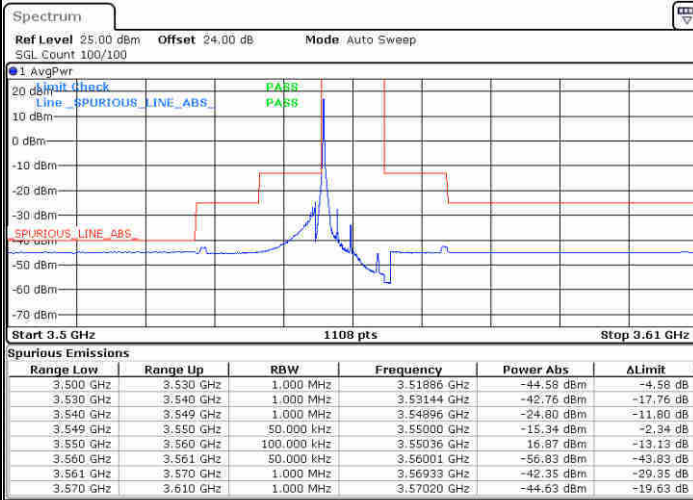


LTE Band 48 / 5MHz

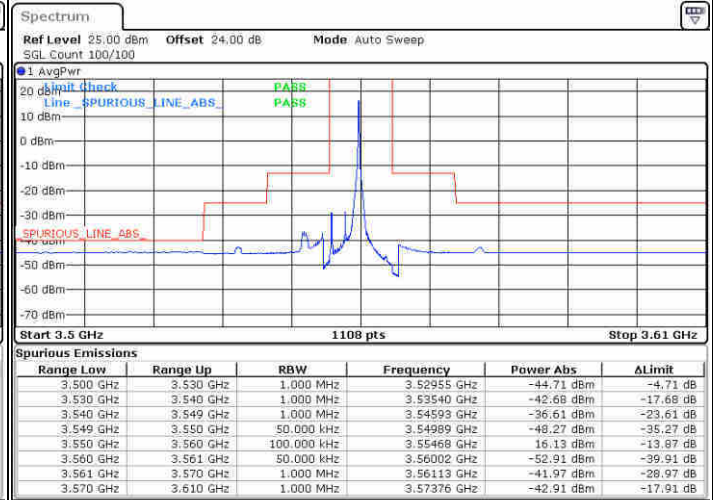
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



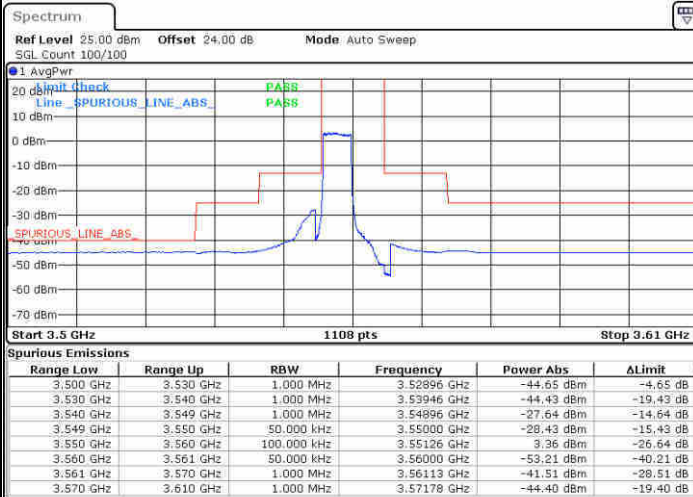
Date: 14.FEB.2020 06:09:46



Date: 14.FEB.2020 06:12:02

Lowest Channel / FullIRB

N/A



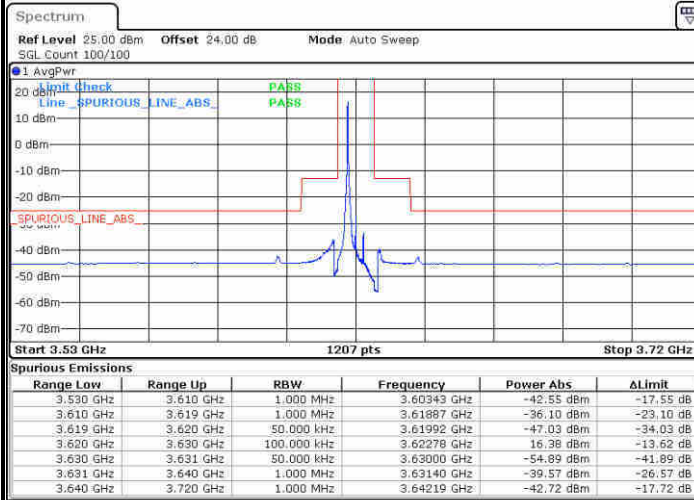
Date: 14.FEB.2020 06:03:09



LTE Band 48 / 5MHz

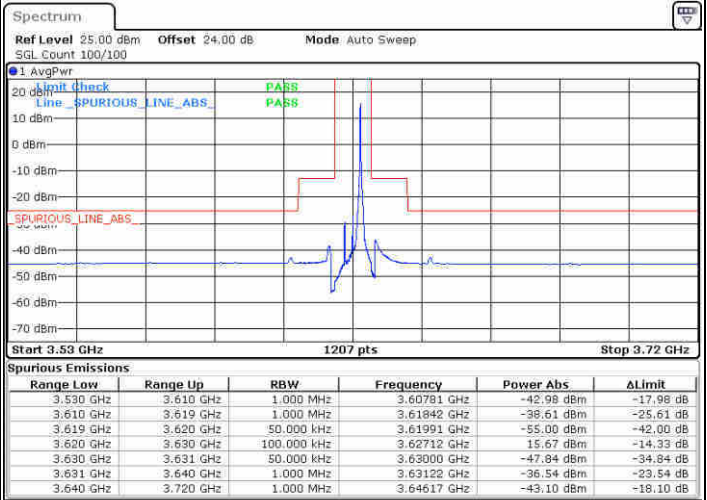
16QAM

Middle Channel / 1RB0



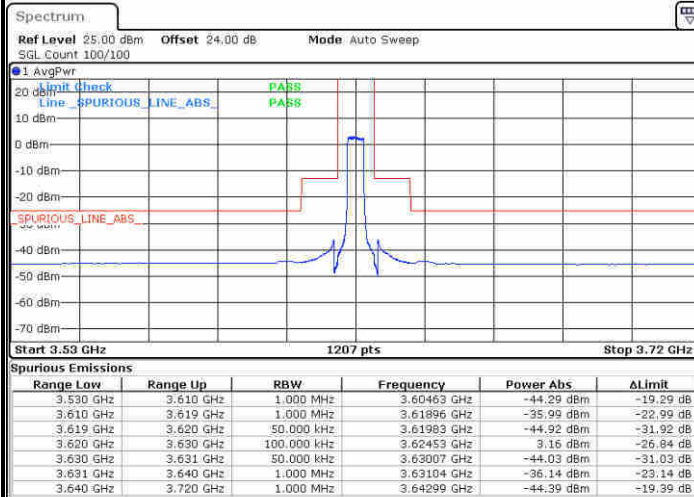
Date: 14.FEB.2020 06:59:07

Middle Channel / 1RBmax



Date: 14.FEB.2020 07:03:18

Middle Channel / FullIRB



Date: 14.FEB.2020 06:48:33

N/A

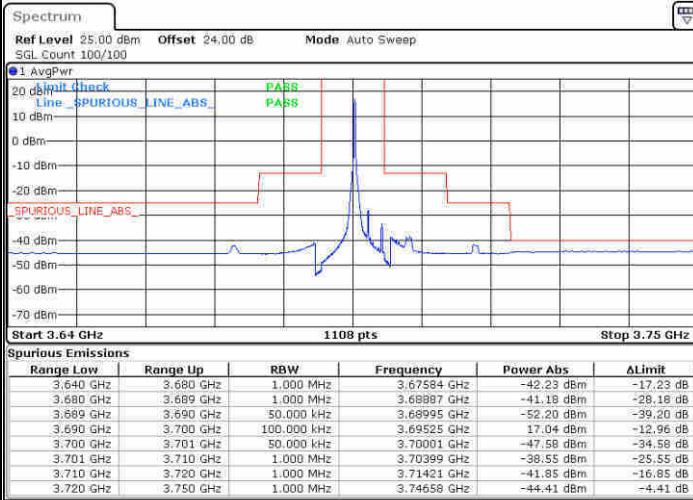


LTE Band 48 / 5MHz

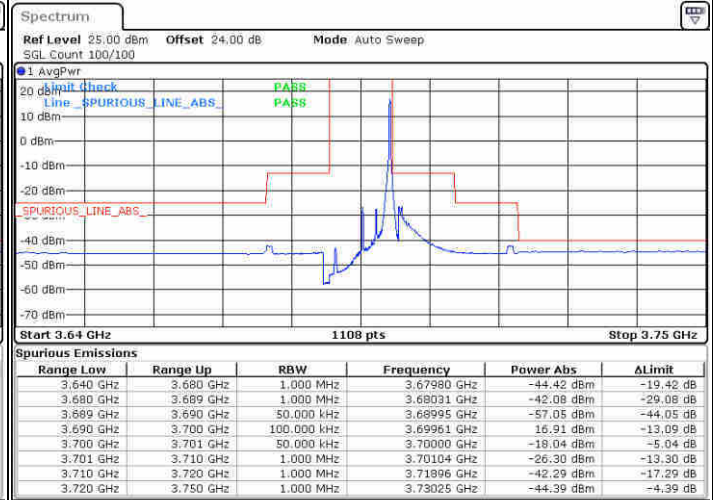
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



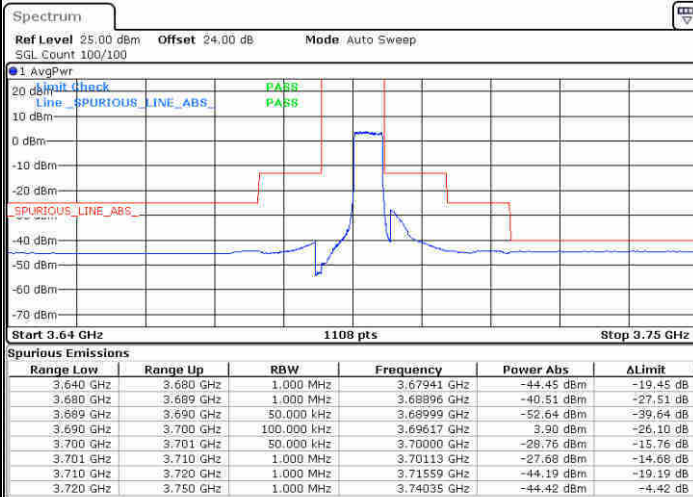
Date: 14.FEB 2020 07:29:56



Date: 14.FEB 2020 07:32:53

Highest Channel / FullIRB

N/A



Date: 14.FEB 2020 07:28:22

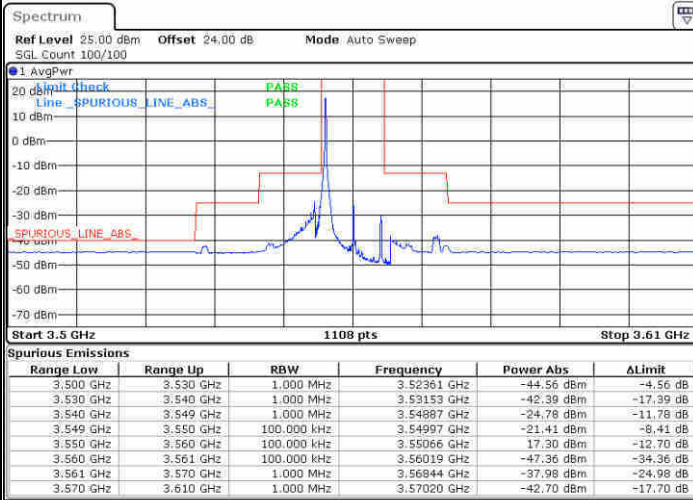


LTE Band 48 / 10MHz

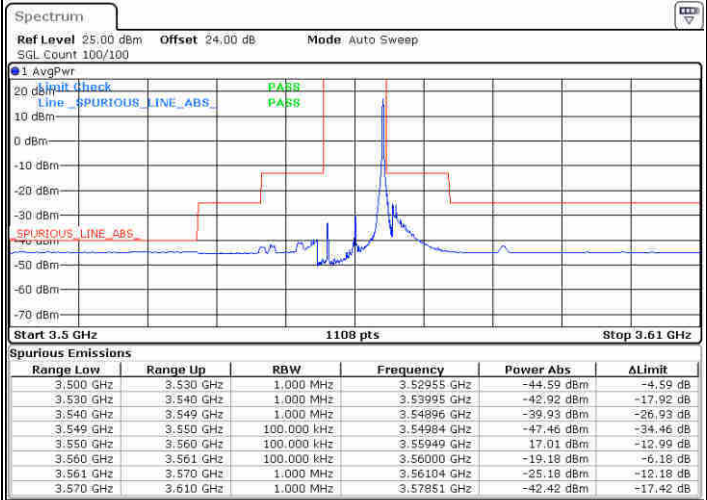
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



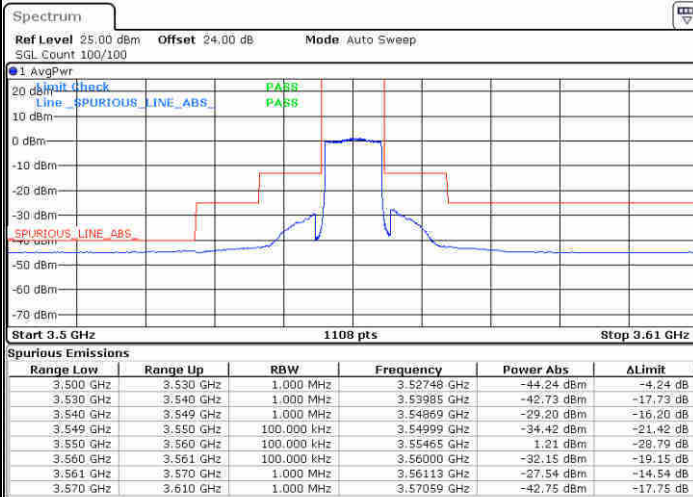
Date: 15 FEB 2020 07:12:41



Date: 15 FEB 2020 07:13:30

Lowest Channel / FullIRB

N/A



Date: 15 FEB 2020 07:14:22

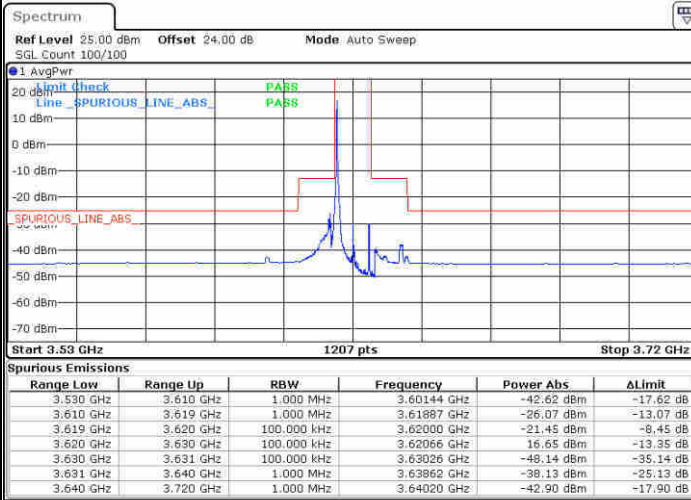


LTE Band 48 / 10MHz

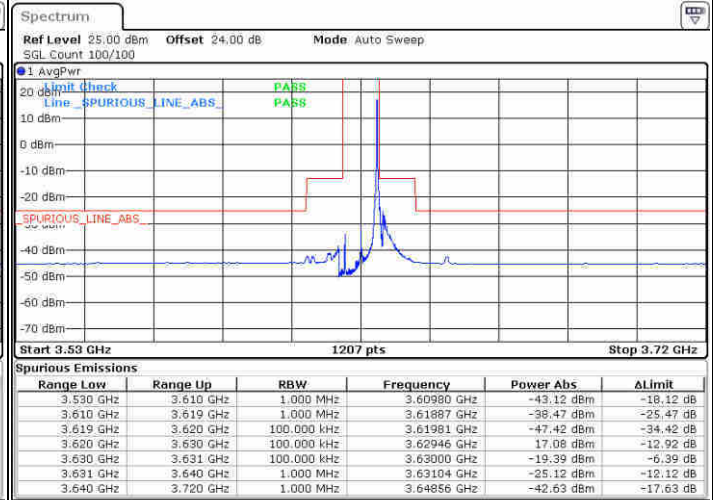
16QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax



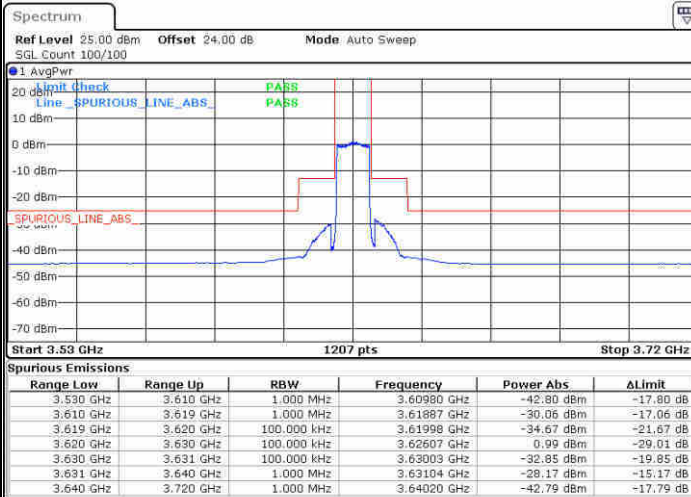
Date: 15 FEB 2020 07:21:39



Date: 15 FEB 2020 07:23:50

Middle Channel / FullIRB

N/A



Date: 15 FEB 2020 07:25:54

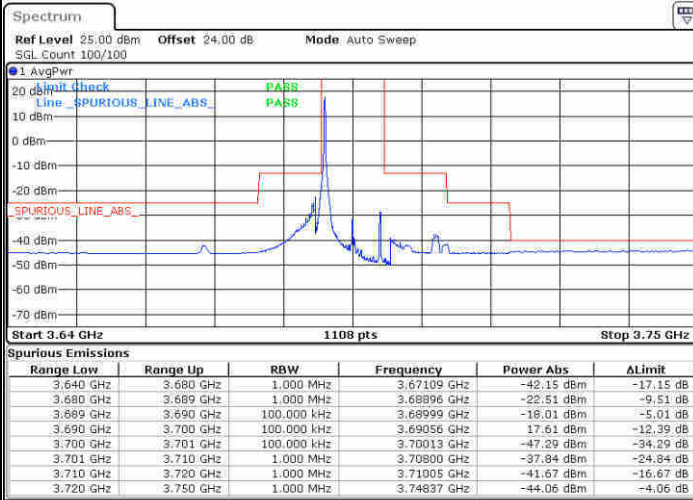


LTE Band 48 / 10MHz

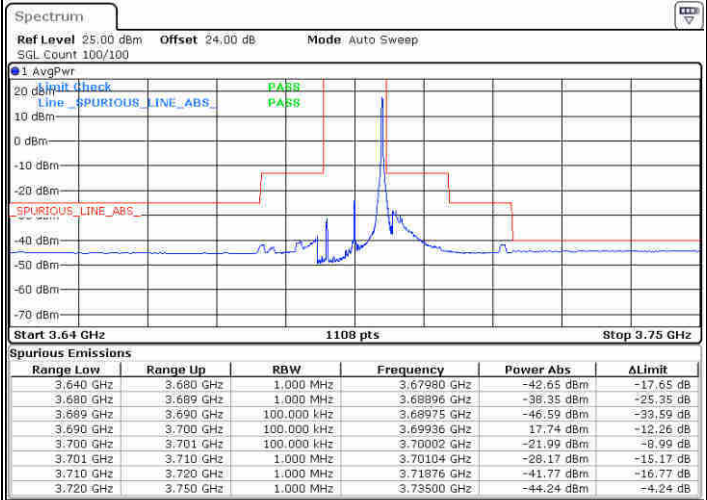
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



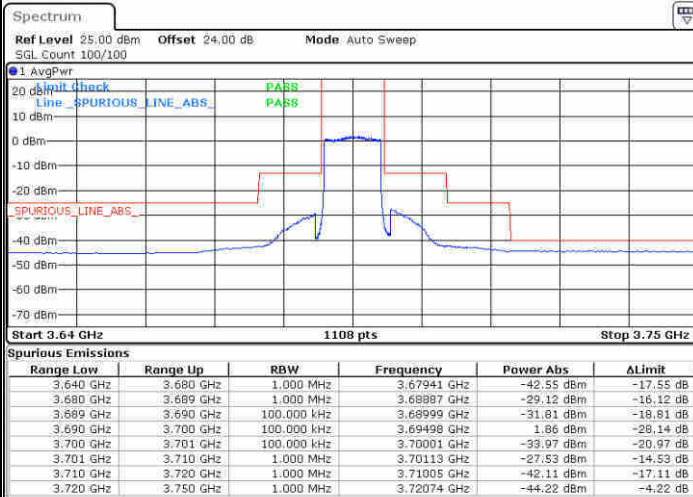
Date: 15 FEB 2020 07:37:08



Date: 15 FEB 2020 07:39:00

Highest Channel / FullIRB

N/A



Date: 15 FEB 2020 07:40:37

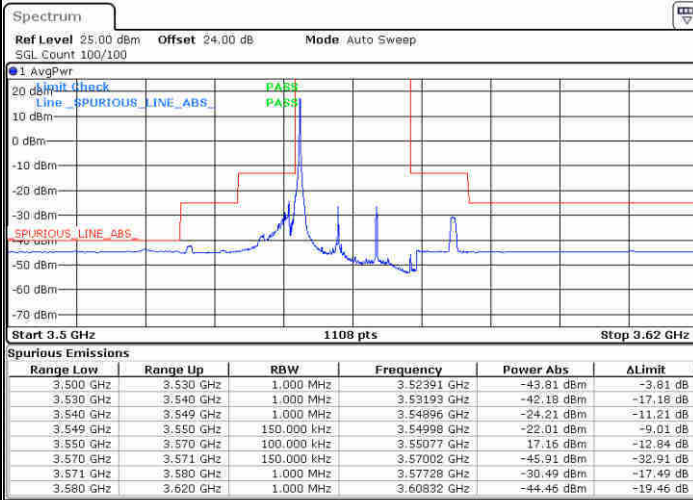


LTE Band 48 / 15MHz

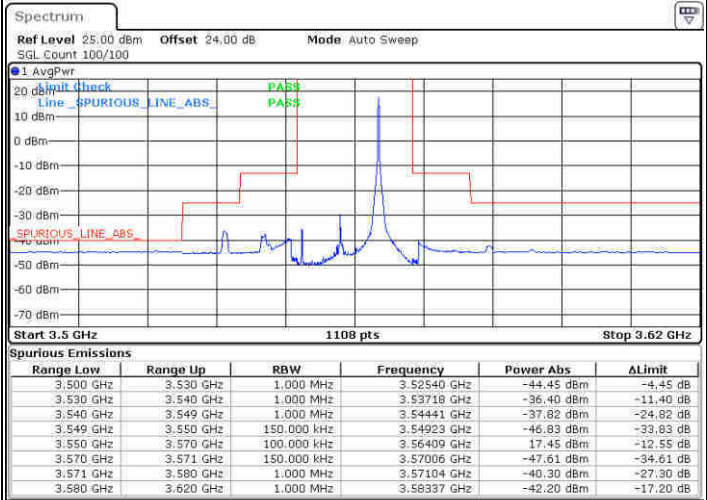
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



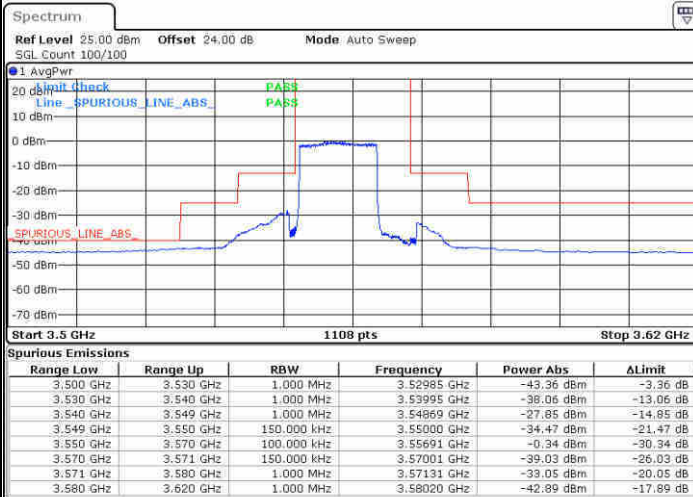
Date: 15 FEB 2020 06:24:54



Date: 15 FEB 2020 06:25:56

Lowest Channel / FullIRB

N/A



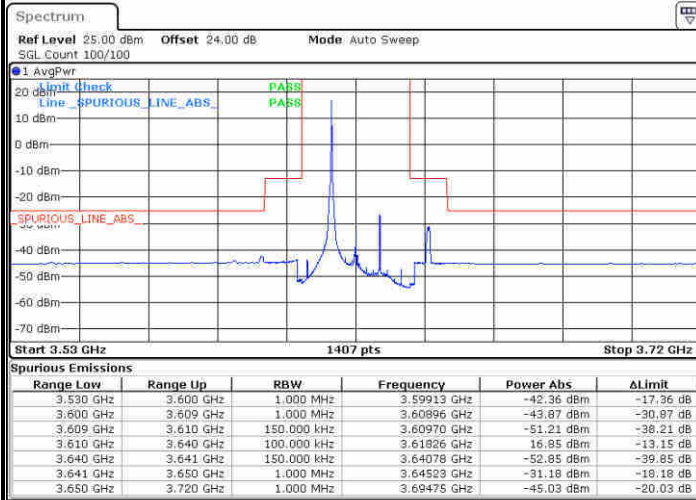
Date: 15 FEB 2020 06:26:55



LTE Band 48 / 15MHz

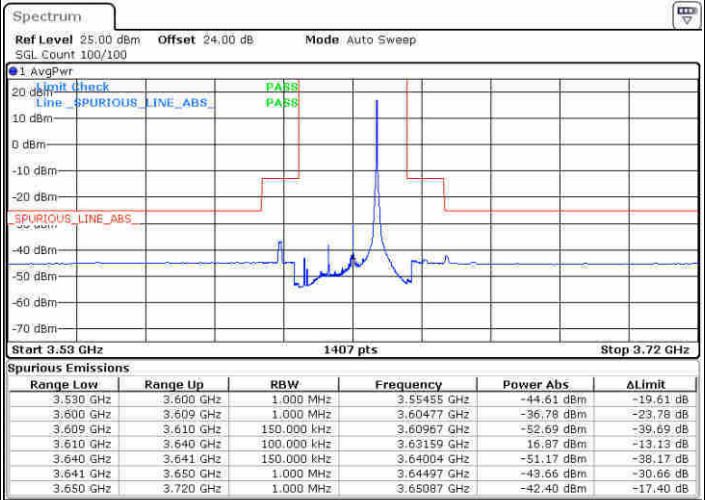
16QAM

Middle Channel / 1RB0



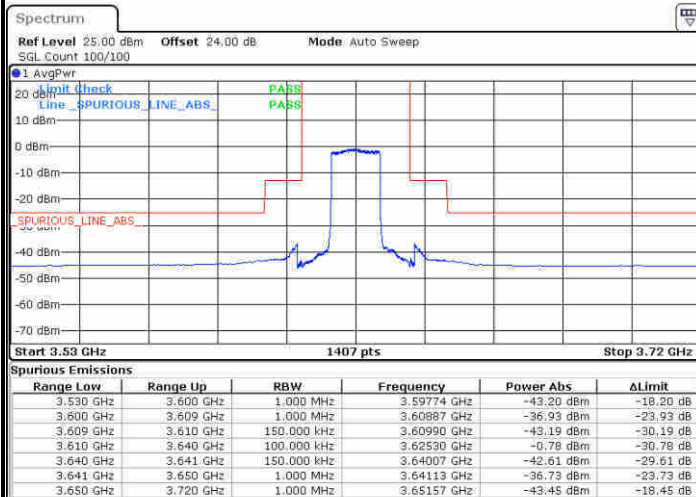
Date: 15 FEB 2020 06:42:44

Middle Channel / 1RBmax



Date: 15 FEB 2020 06:44:45

Middle Channel / FullIRB



Date: 15 FEB 2020 06:47:33

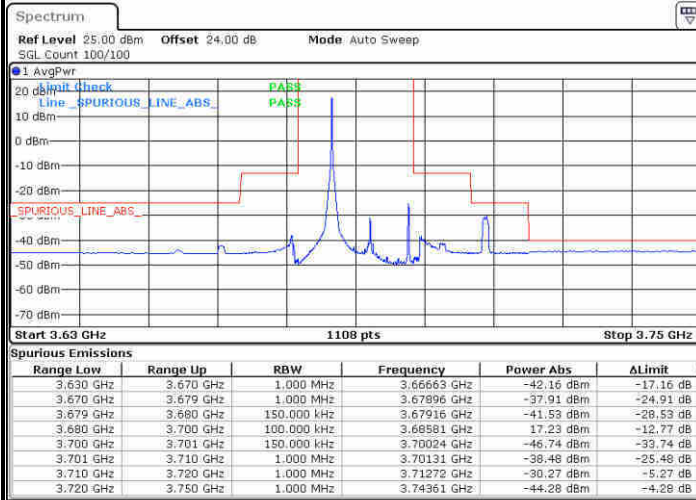
N/A



LTE Band 48 / 15MHz

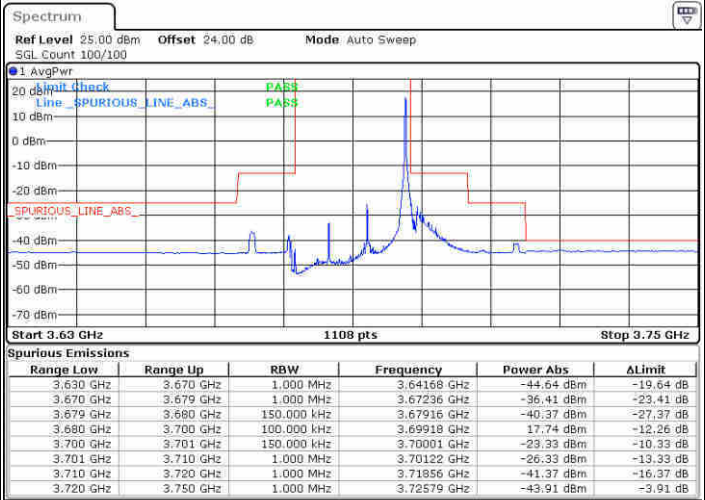
16QAM

Highest Channel / 1RB0



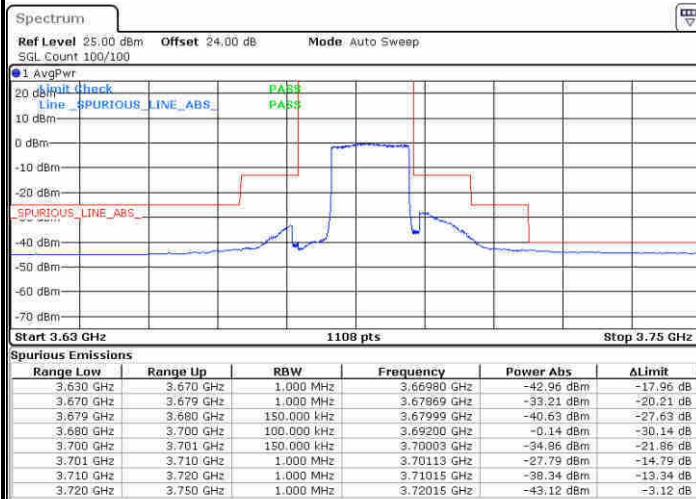
Date: 15 FEB 2020 06:59:12

Highest Channel / 1RBmax



Date: 15 FEB 2020 07:00:49

Highest Channel / FullIRB



Date: 15 FEB 2020 07:02:47

N/A

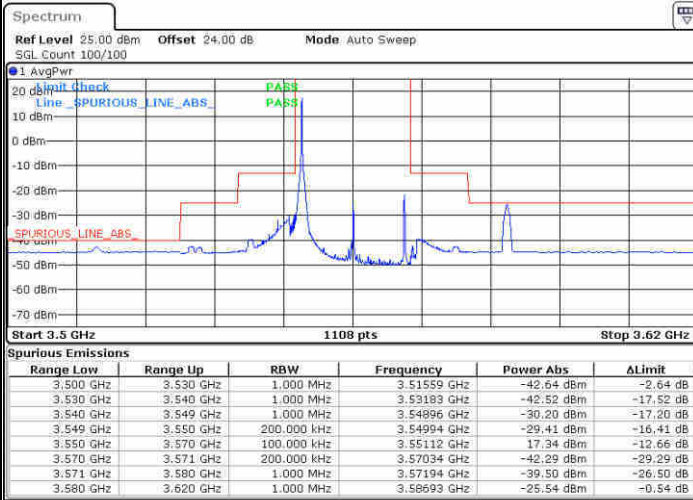


LTE Band 48 / 20MHz

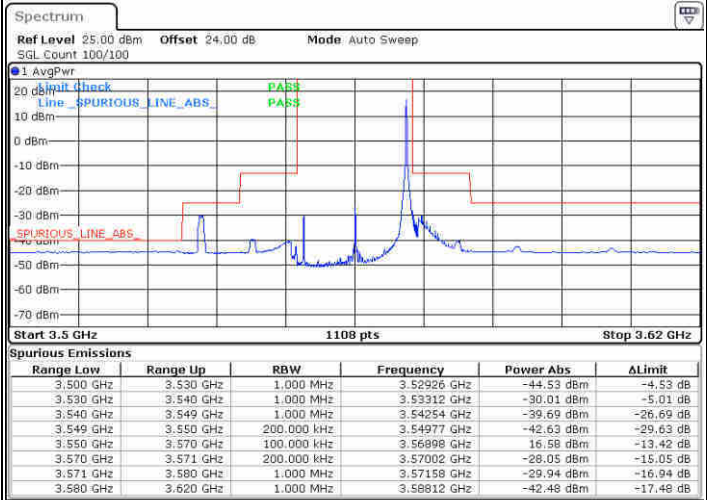
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



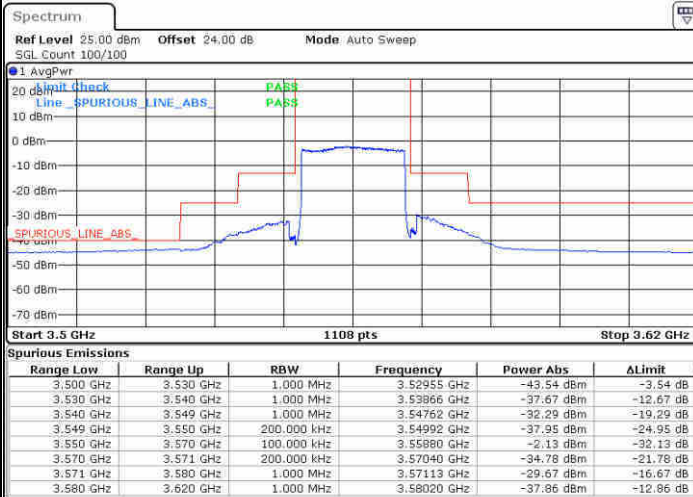
Date: 14.FEB.2020 05:20:37



Date: 14.FEB.2020 05:23:33

Lowest Channel / FullIRB

N/A



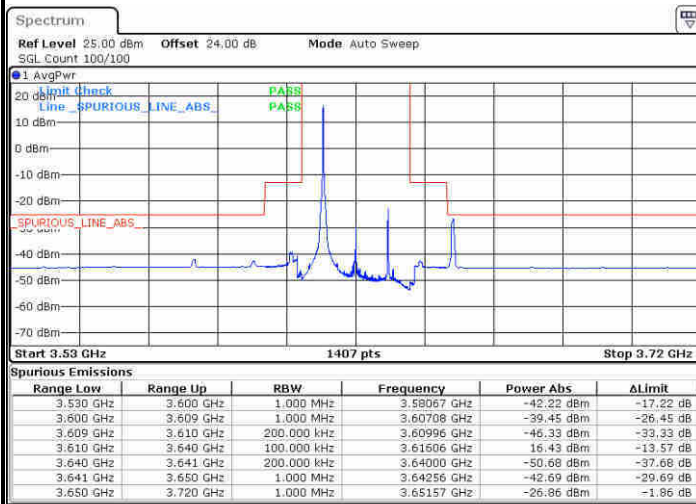
Date: 14.FEB.2020 05:17:01



LTE Band 48 / 20MHz

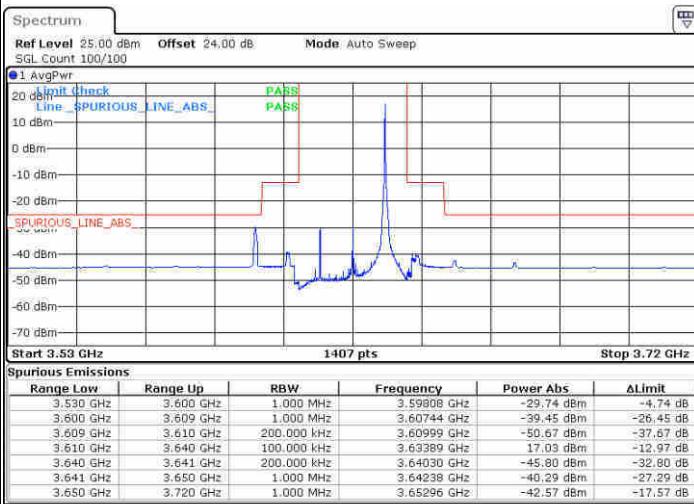
16QAM

Middle Channel / 1RB0



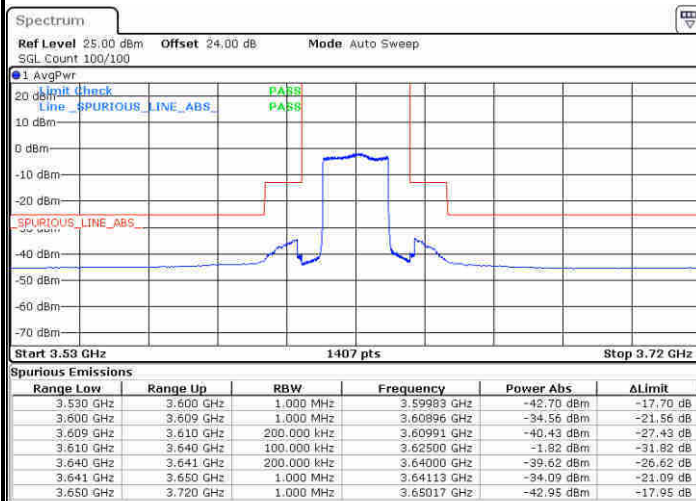
Date: 14.FEB.2020 04:17:53

Middle Channel / 1RBmax



Date: 14.FEB.2020 04:23:30

Middle Channel / FullIRB



Date: 14.FEB.2020 04:12:14

N/A

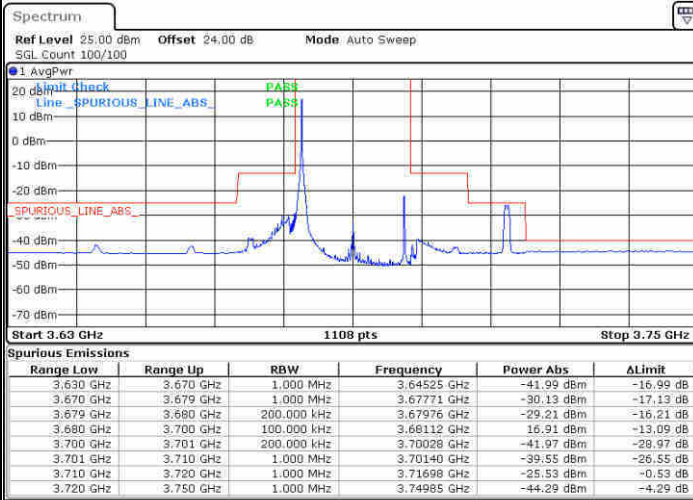


LTE Band 48 / 20MHz

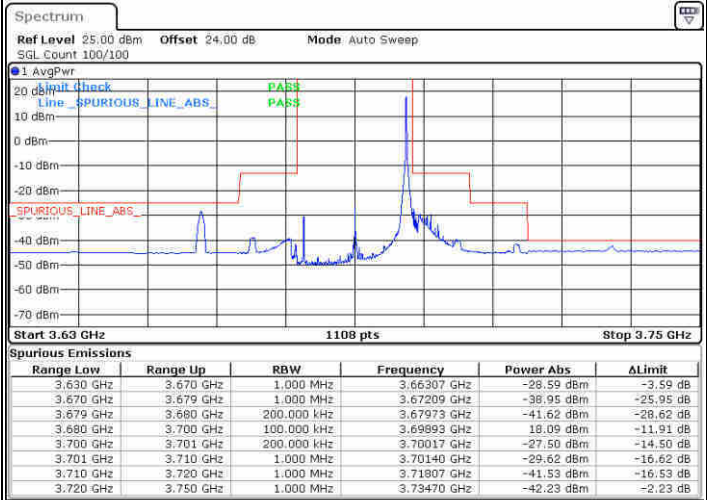
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



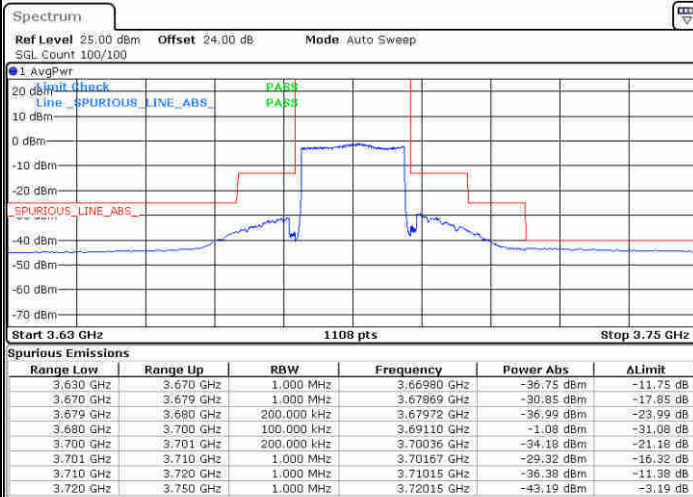
Date: 14.FEB.2020 03:15:42



Date: 14.FEB.2020 03:17:46

Highest Channel / FullIRB

N/A



Date: 14.FEB.2020 03:23:30

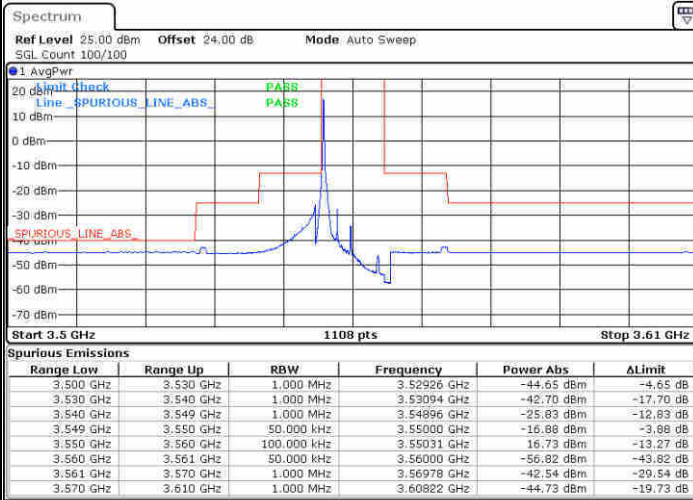


LTE Band 48 / 5MHz

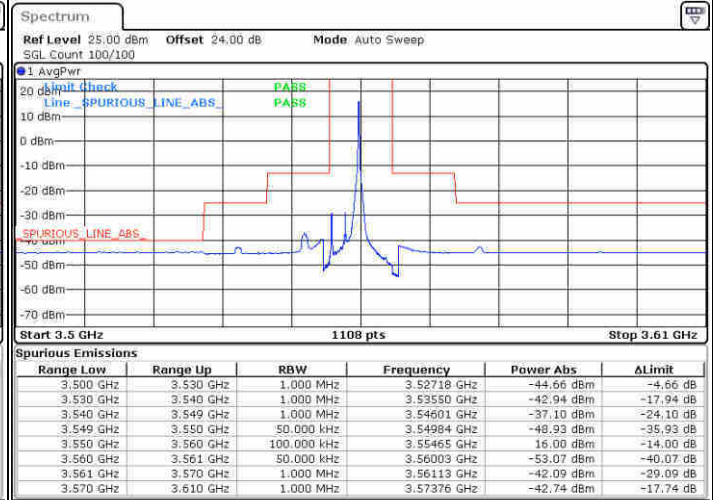
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



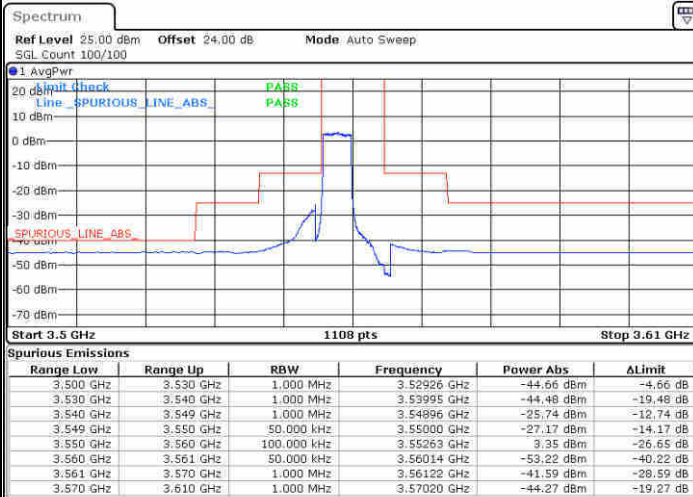
Date: 14.FEB.2020 06:15:08



Date: 14.FEB.2020 06:17:39

Lowest Channel / FullRB

N/A



Date: 14.FEB.2020 06:25:57

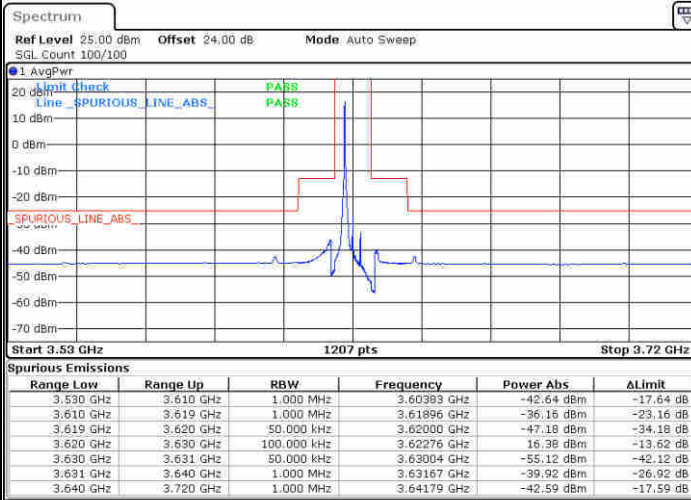


LTE Band 48 / 5MHz

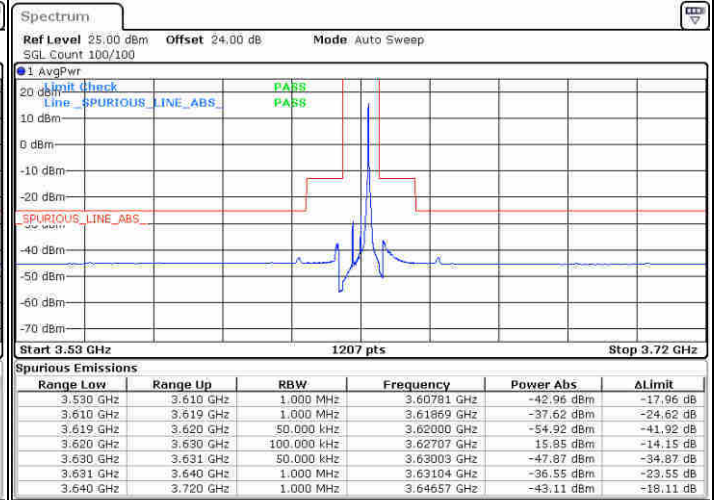
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



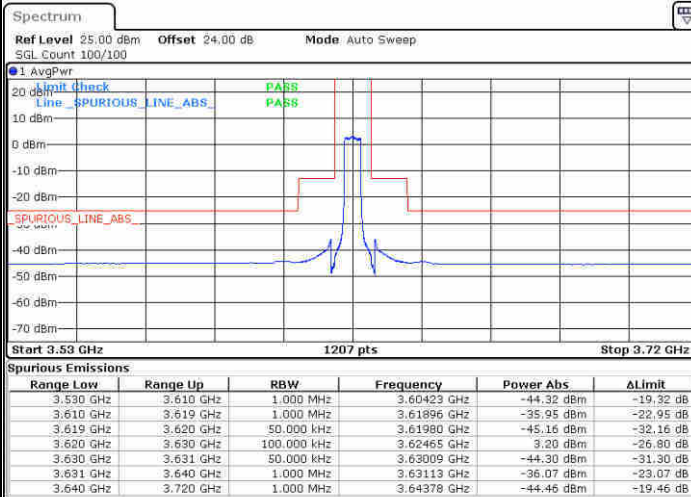
Date: 14.FEB 2020 07:05:38



Date: 14.FEB 2020 07:07:38

Middle Channel / FullIRB

N/A



Date: 14.FEB 2020 07:09:54

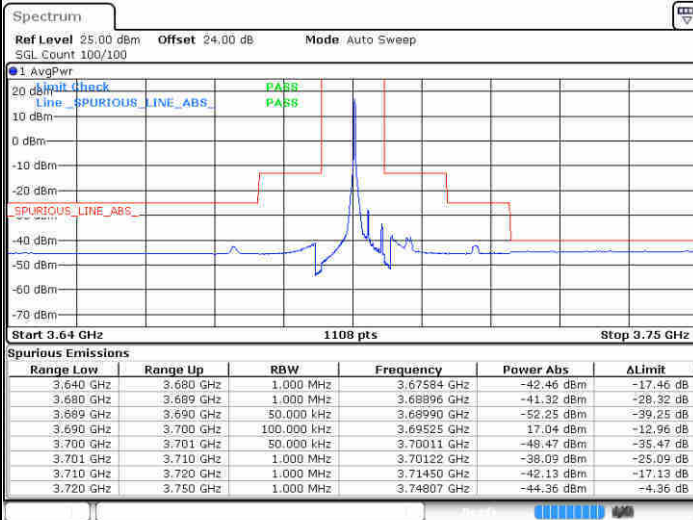


LTE Band 48 / 5MHz

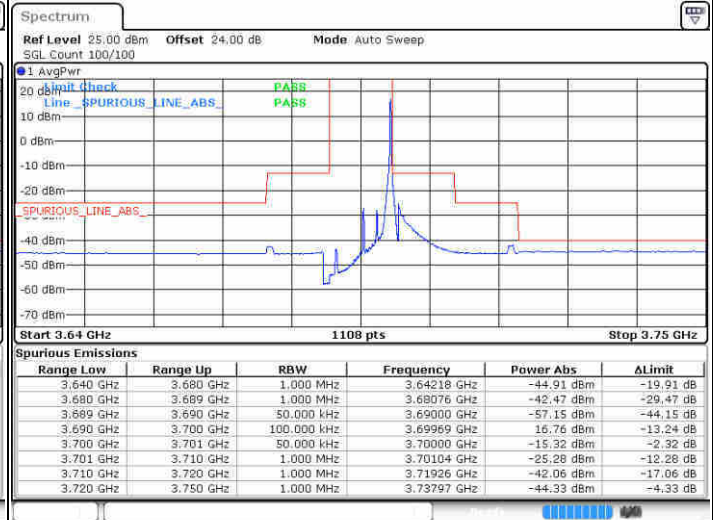
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



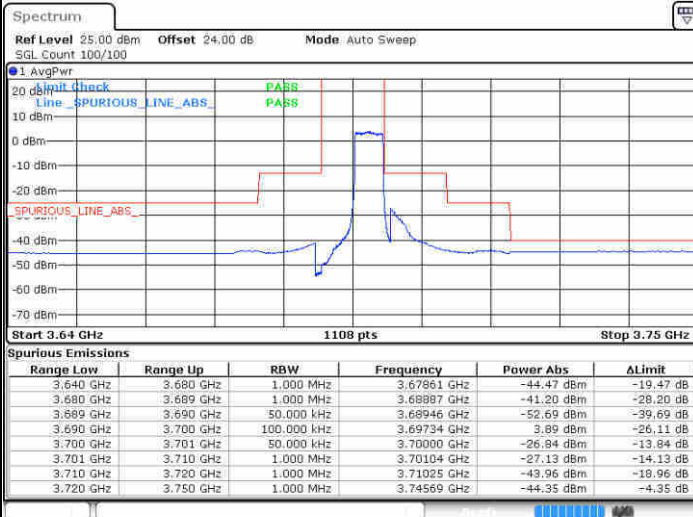
Date: 14.FEB.2020 07:43:46



Date: 14.FEB.2020 07:47:17

Highest Channel / FullIRB

N/A



Date: 14.FEB.2020 07:50:29

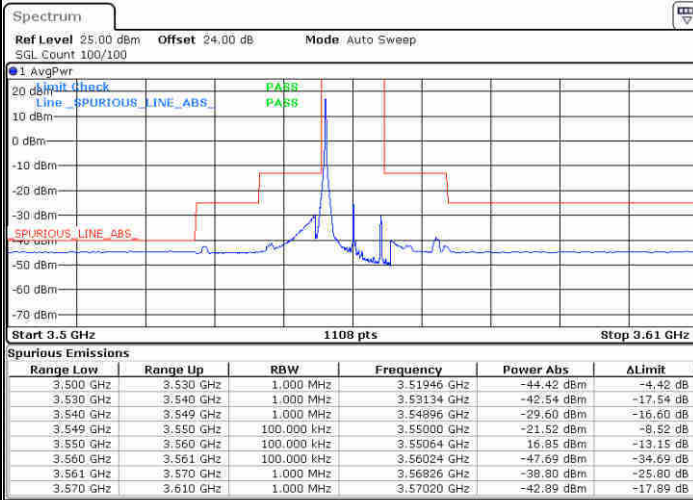


LTE Band 48 / 10MHz

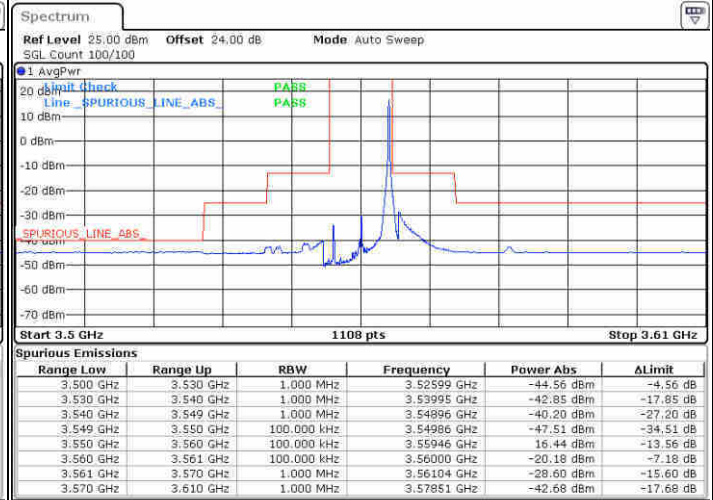
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



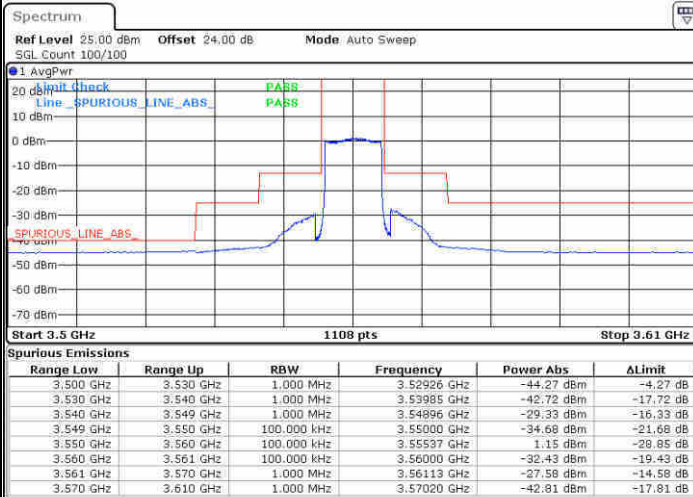
Date: 15 FEB 2020 07:15:17



Date: 15 FEB 2020 07:16:03

Lowest Channel / FullRB

N/A



Date: 15 FEB 2020 07:16:50