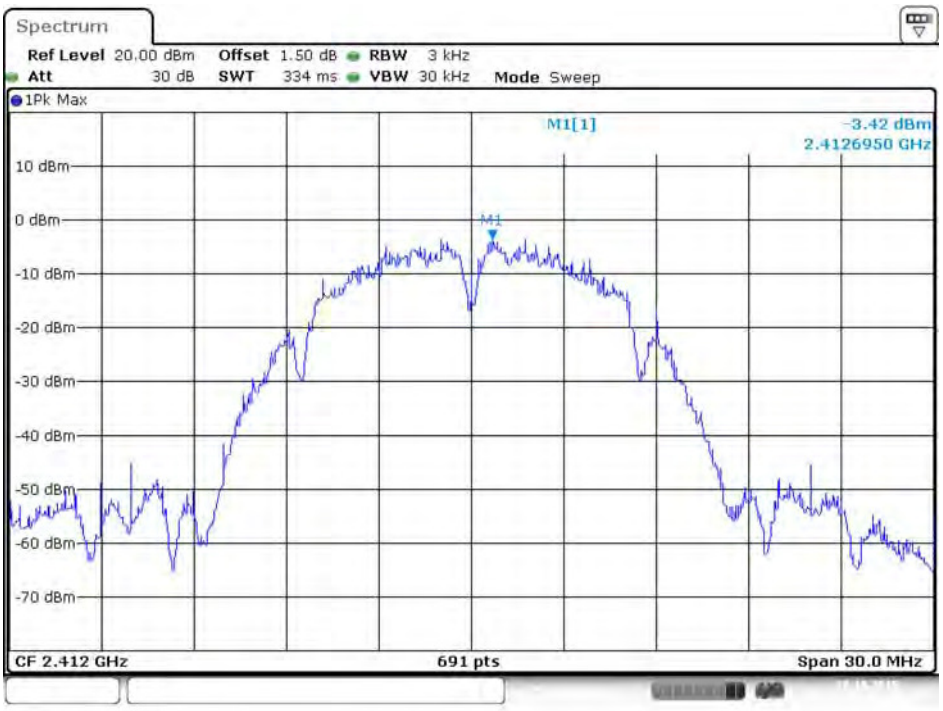
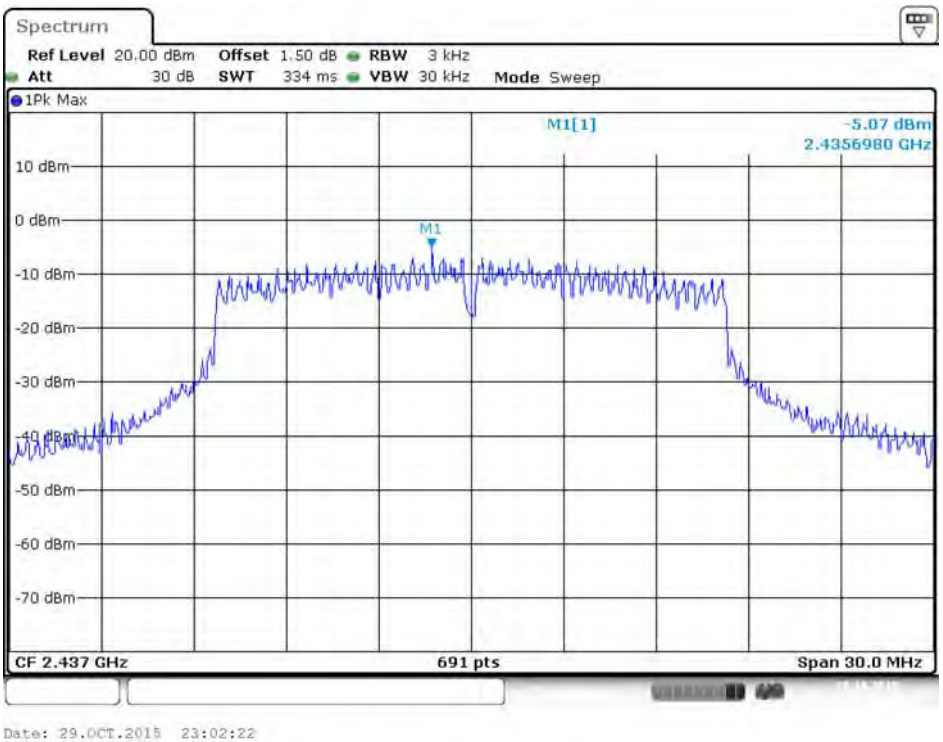
Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi / 1TX)

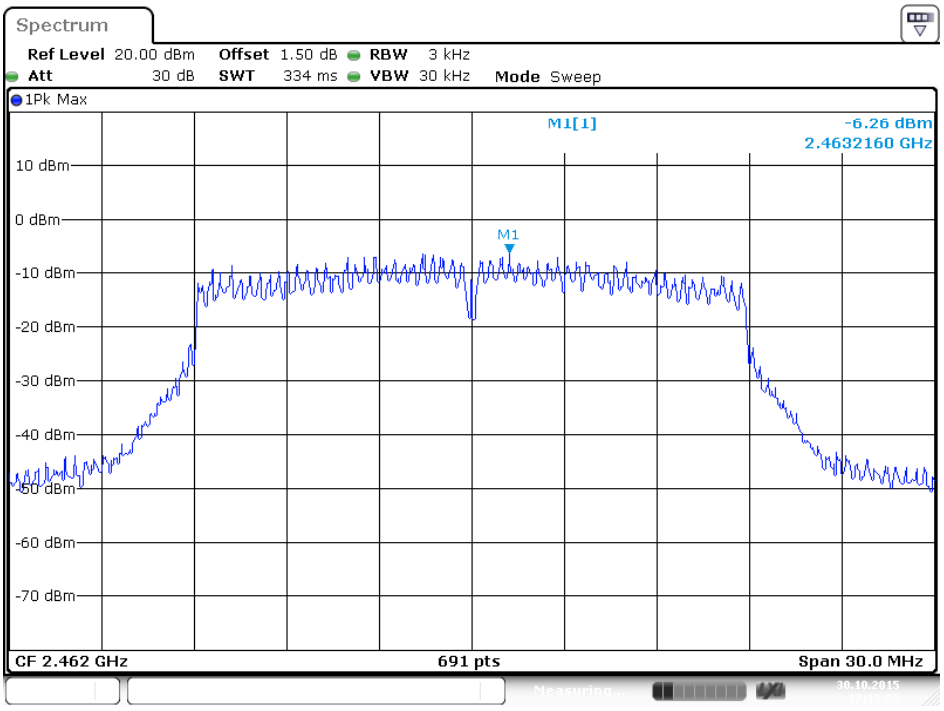
Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1

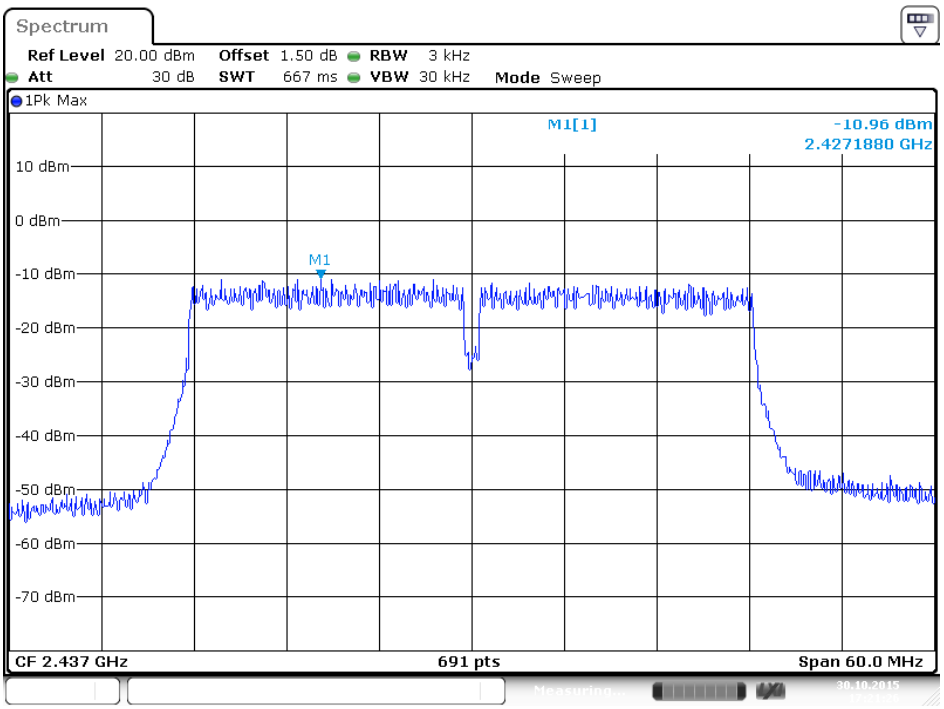


Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2462 MHz / Chain 1



Date: 30.OCT.2015 17:19:06

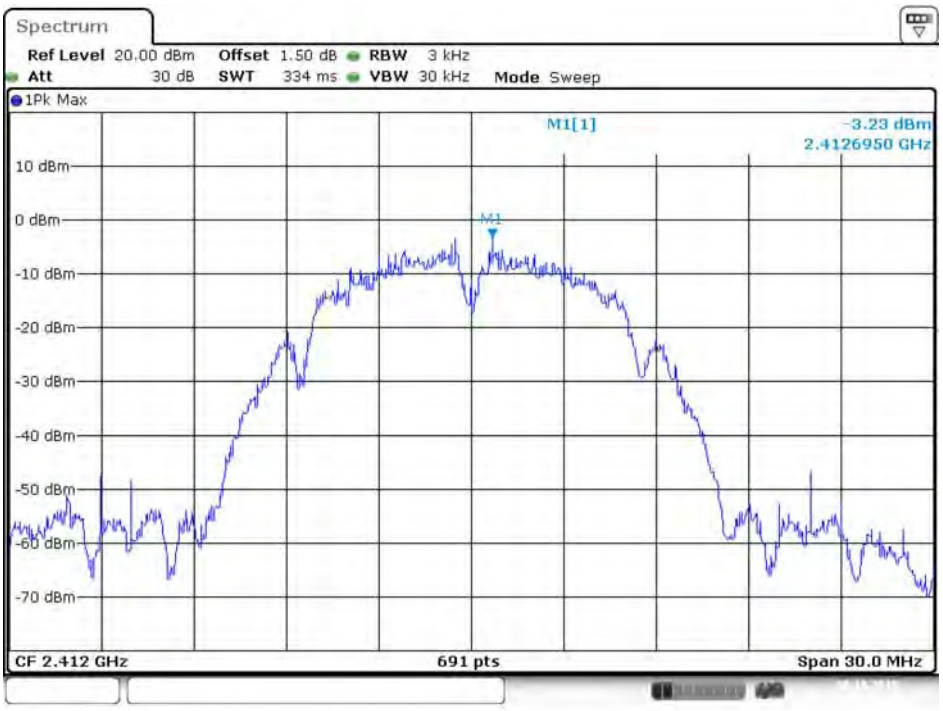
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



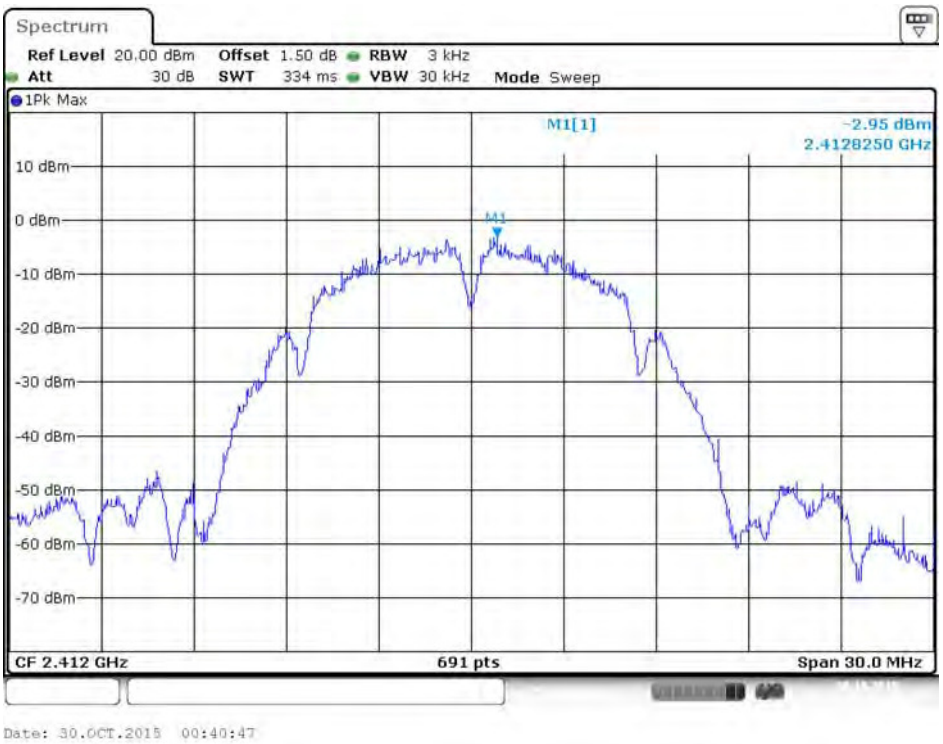
Date: 30.OCT.2015 17:21:26

Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi / 2TX)

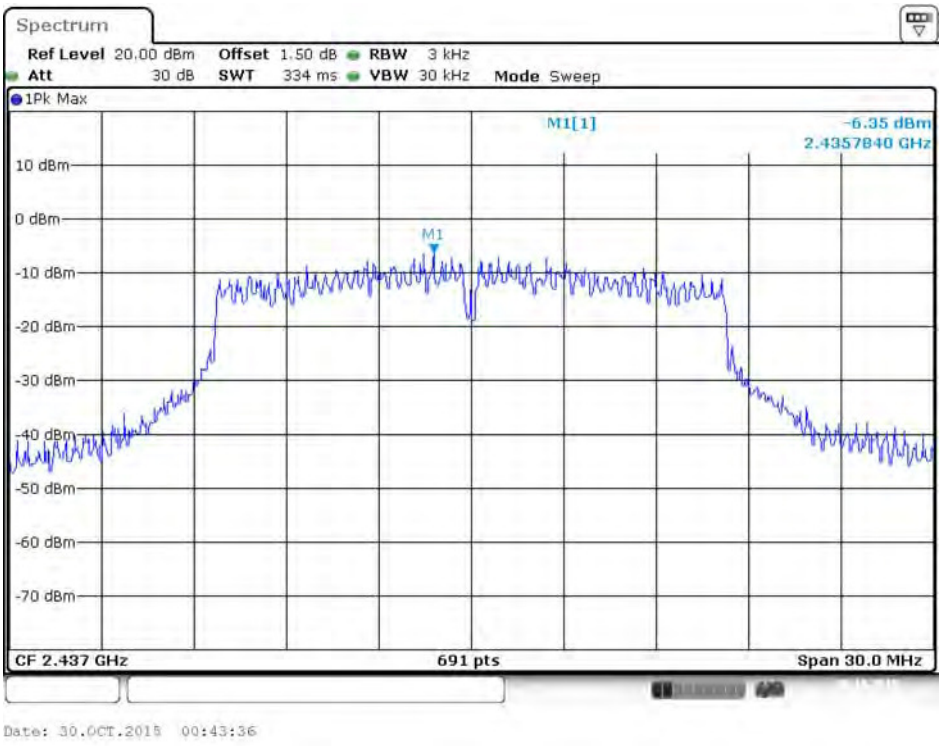
Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 1



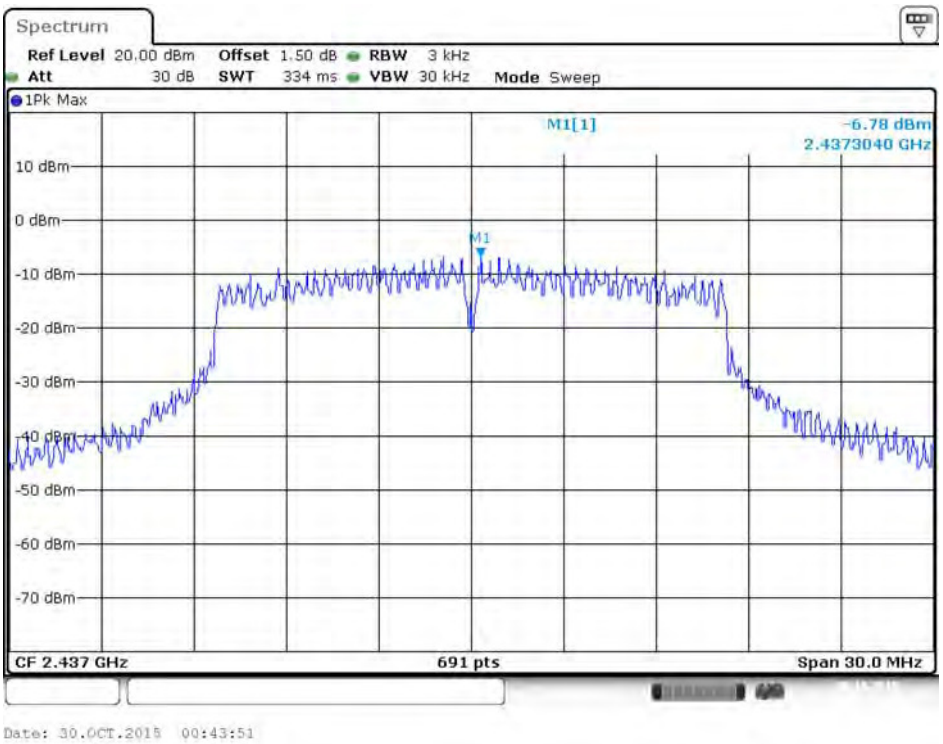
Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 2



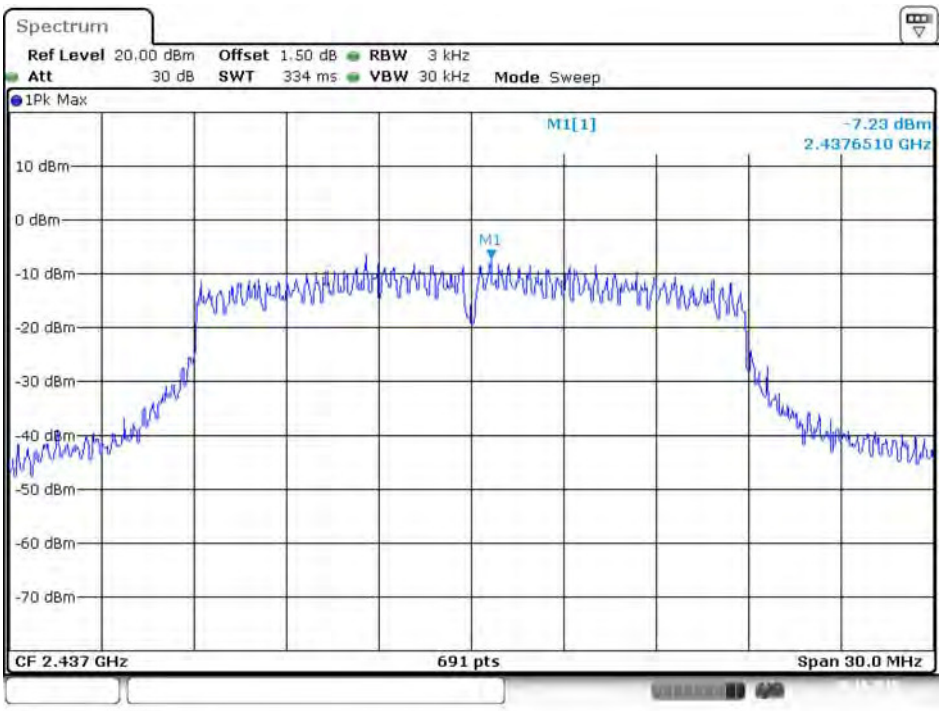
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



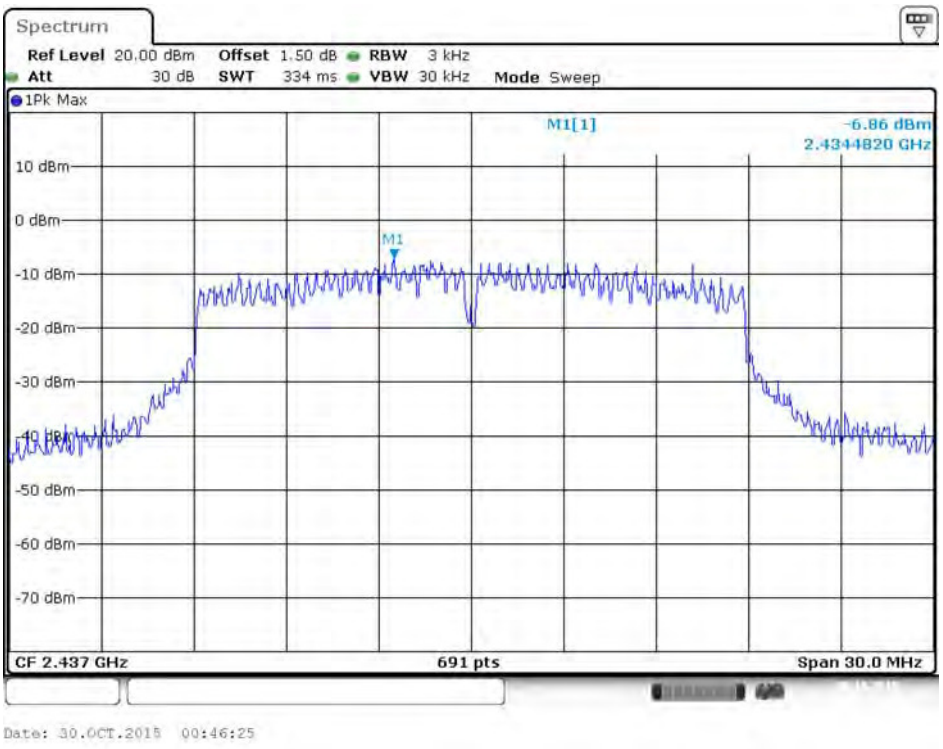
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 2



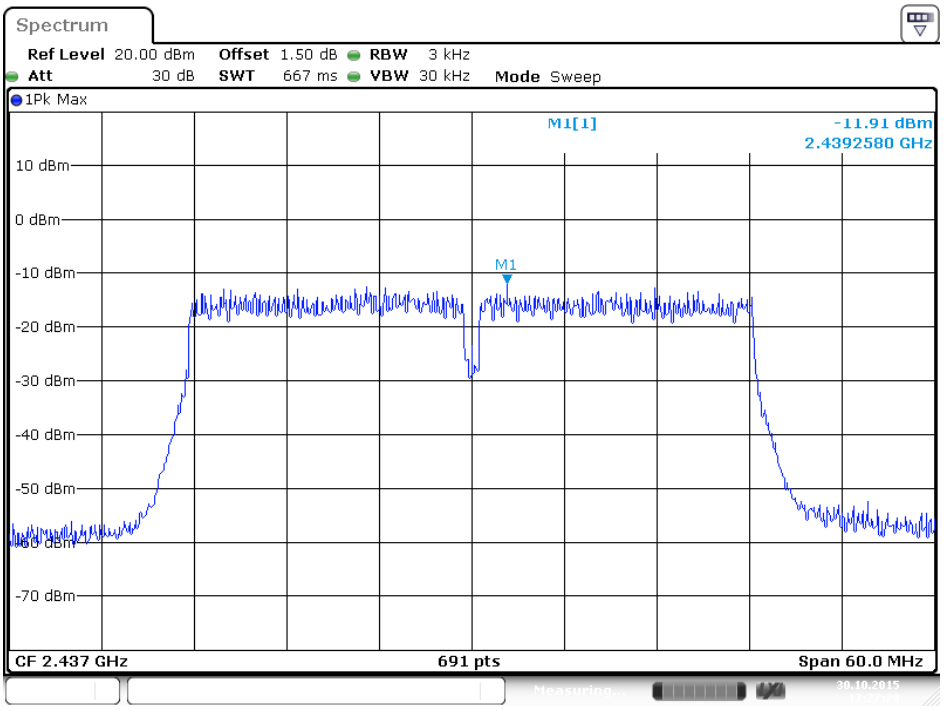
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2

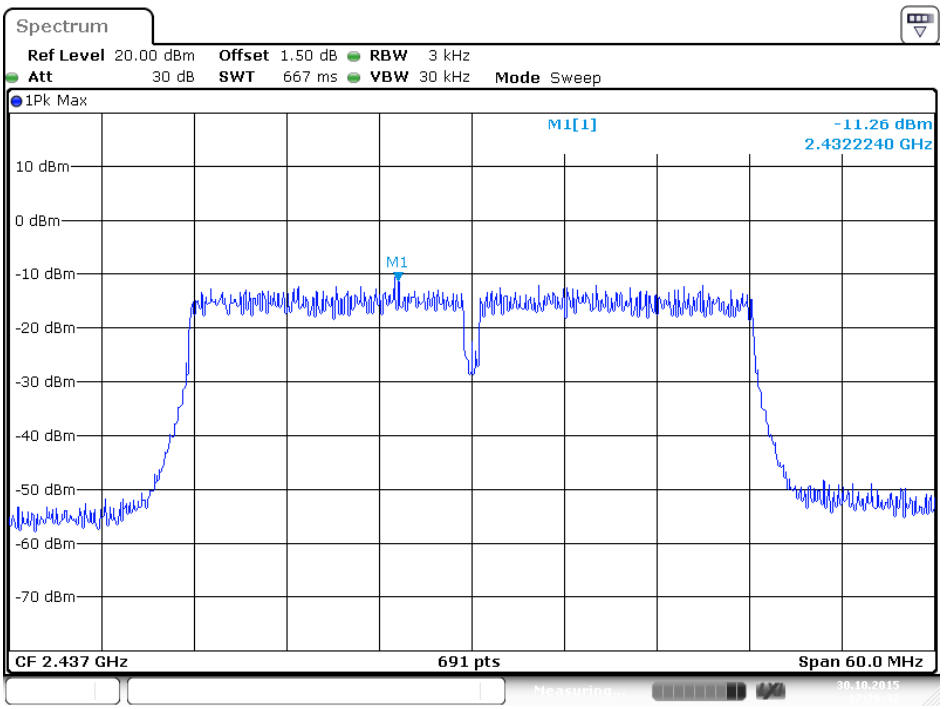


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



Date: 30.OCT.2015 17:27:20

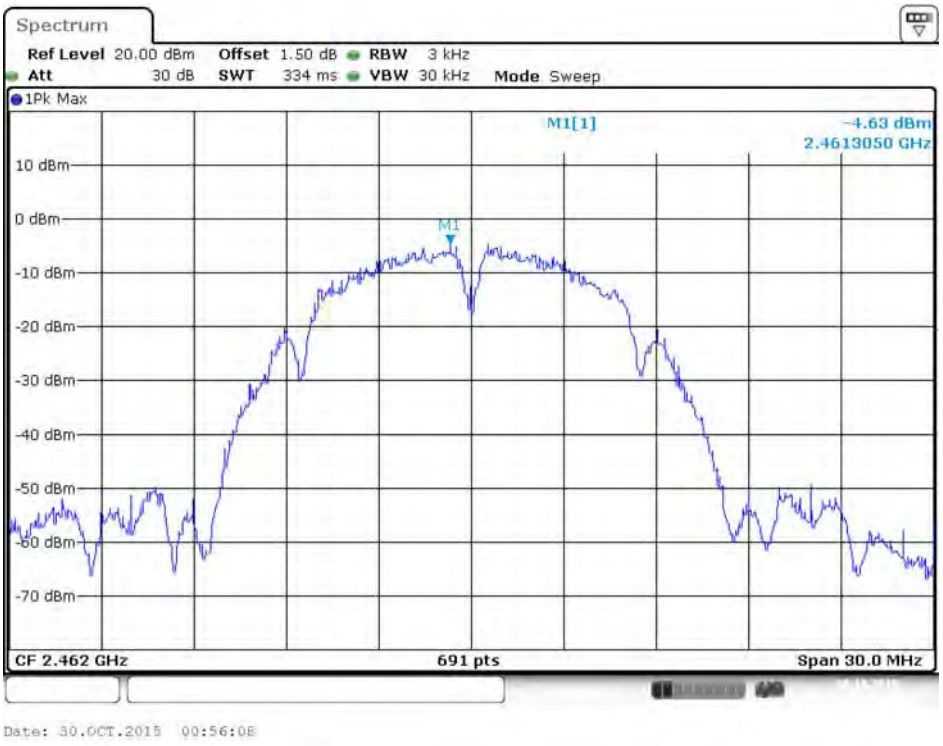
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



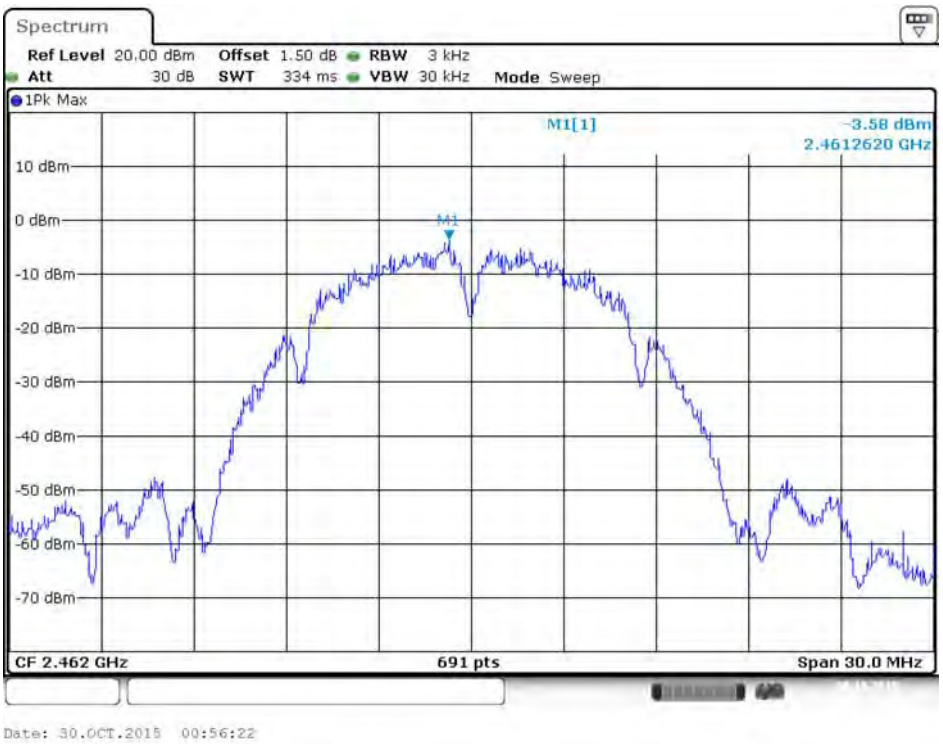
Date: 30.OCT.2015 17:26:31

Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi / 3TX)

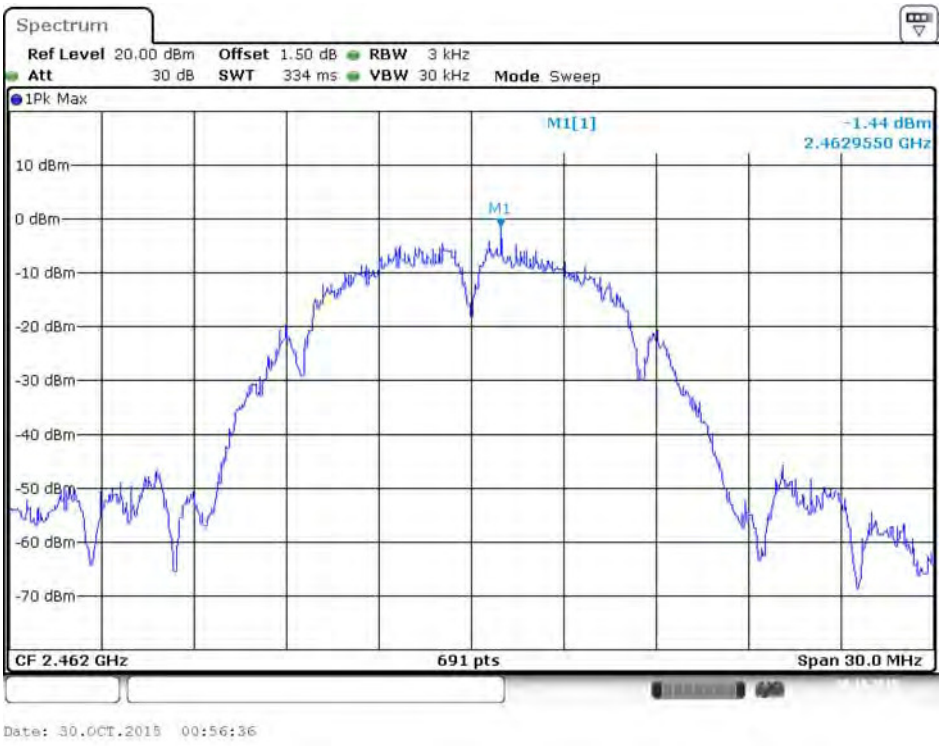
Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1



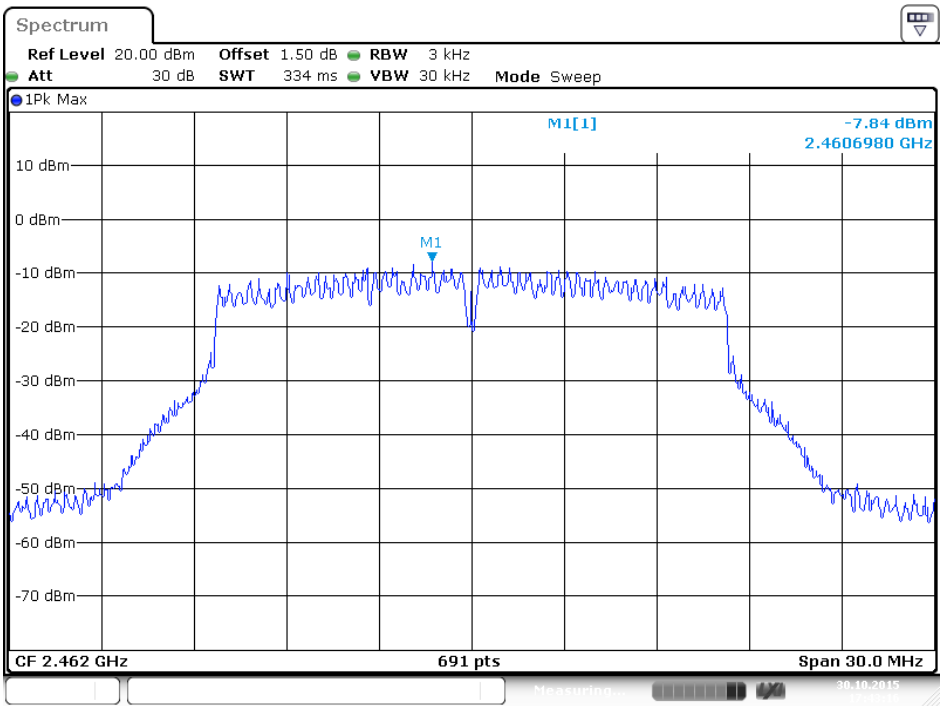
Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 3

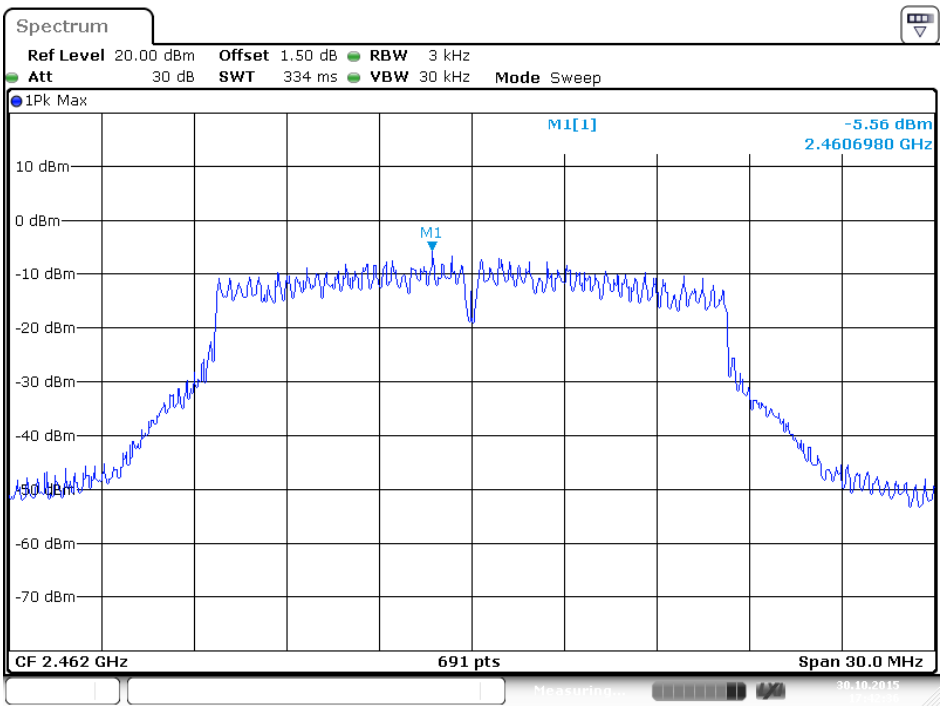


Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 1



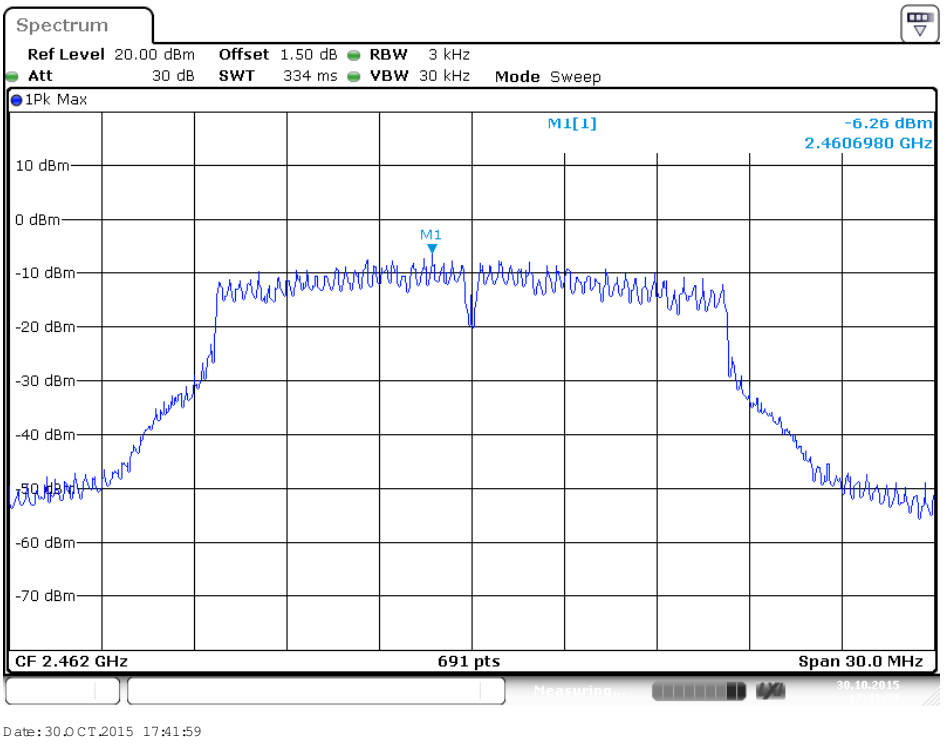
Date: 30.OCT.2015 17:43:16

Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 2

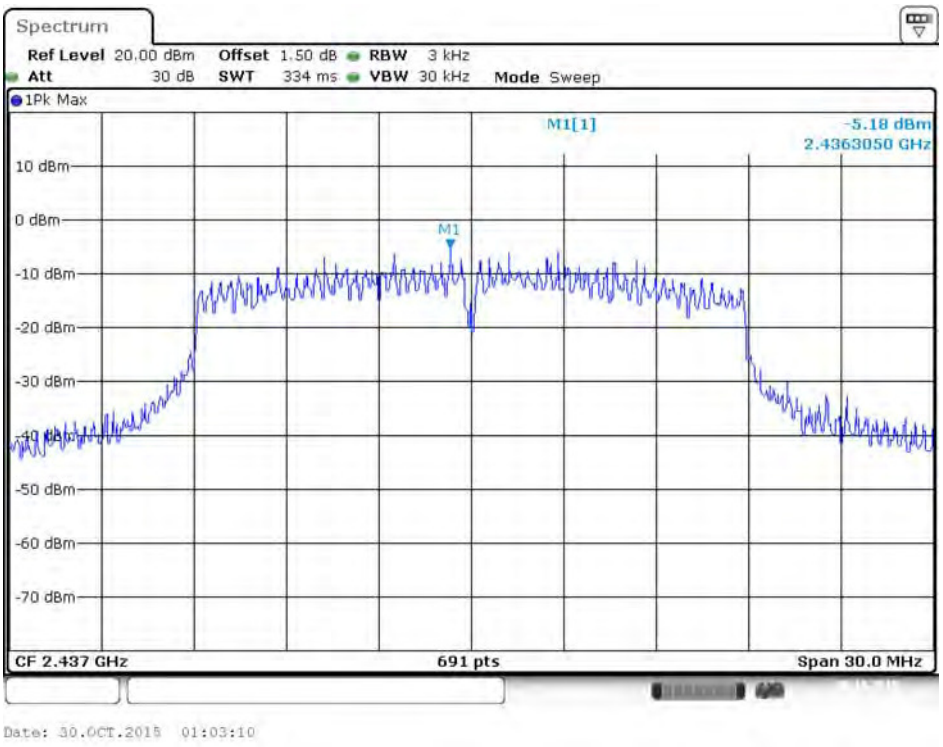


Date: 30.OCT.2015 17:42:36

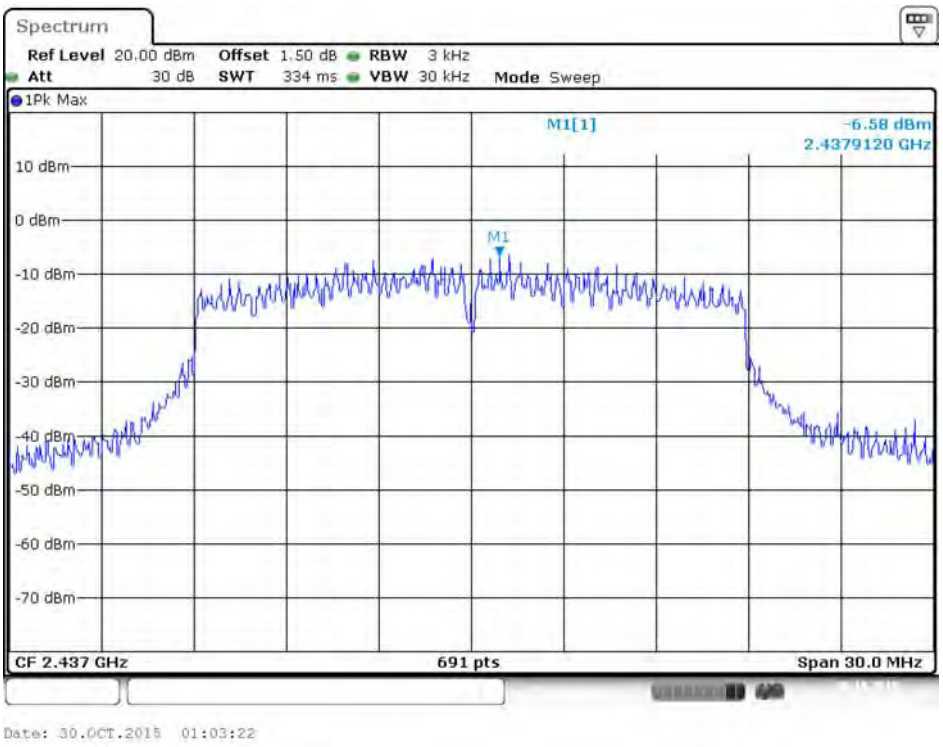
Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 3



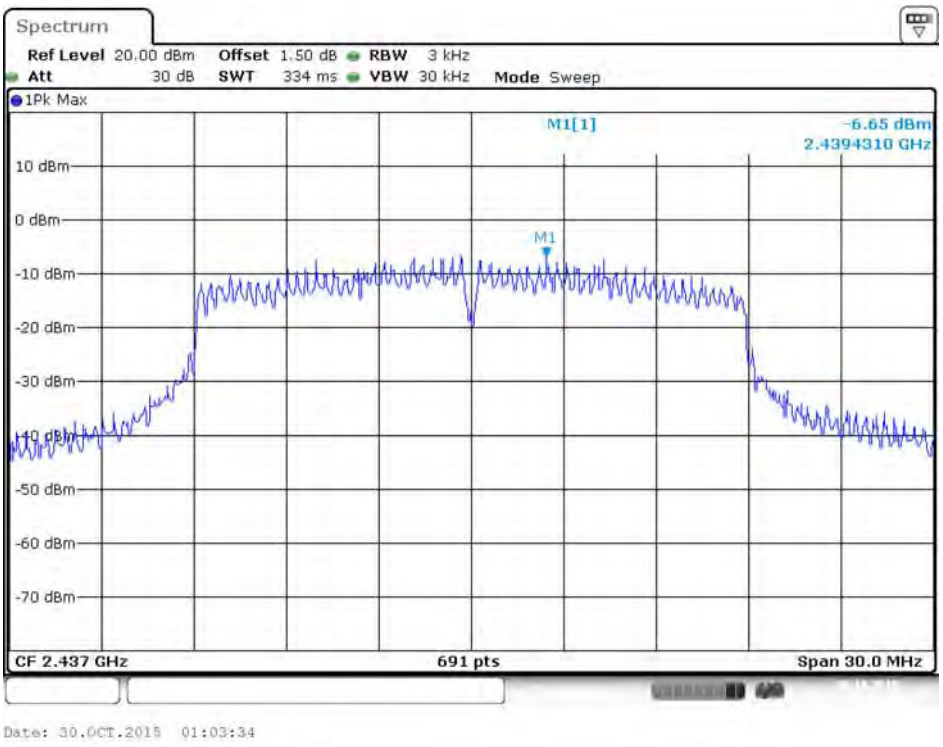
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



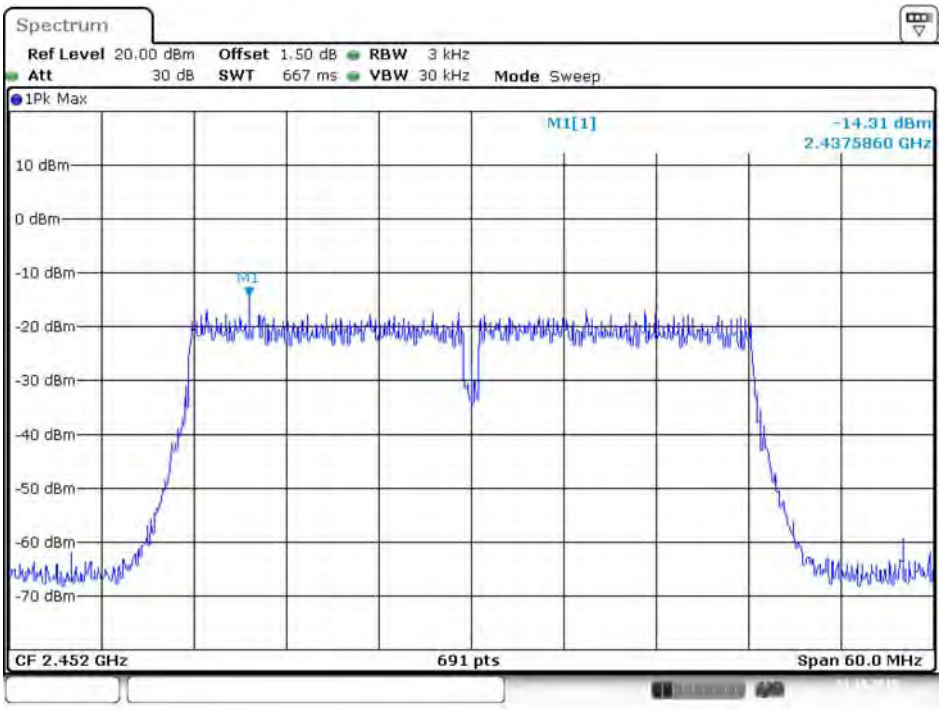
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3

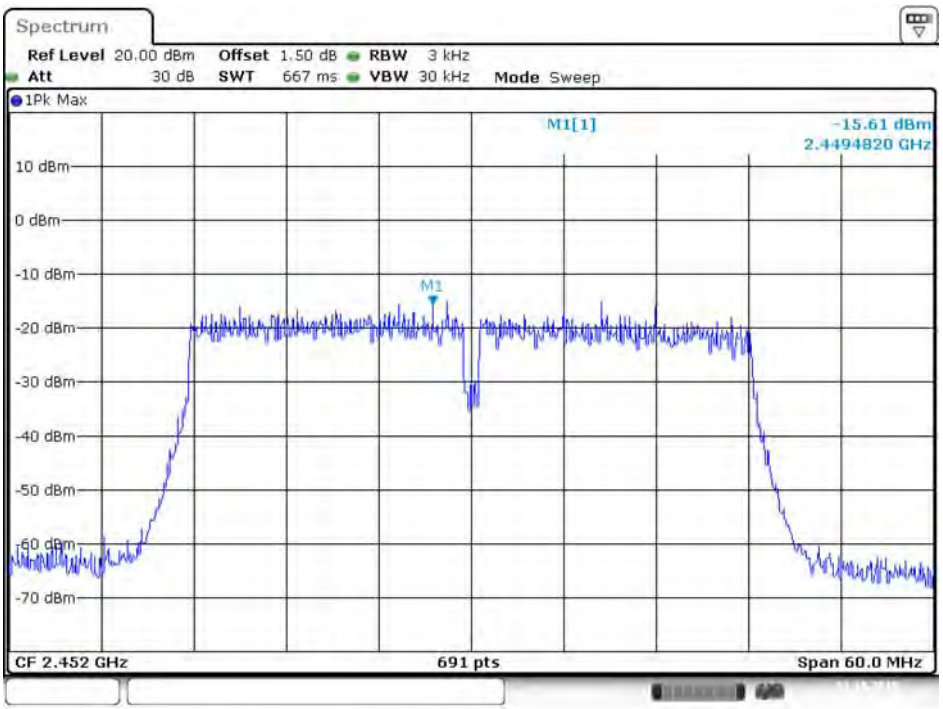


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1



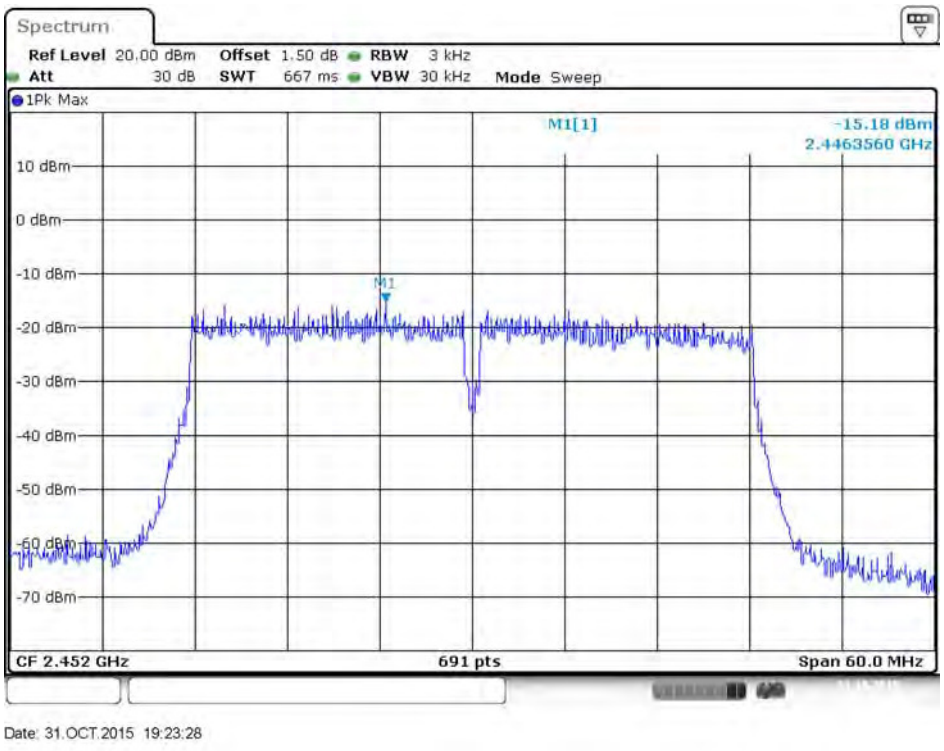
Date: 31.OCT.2015 19:23:15

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 2



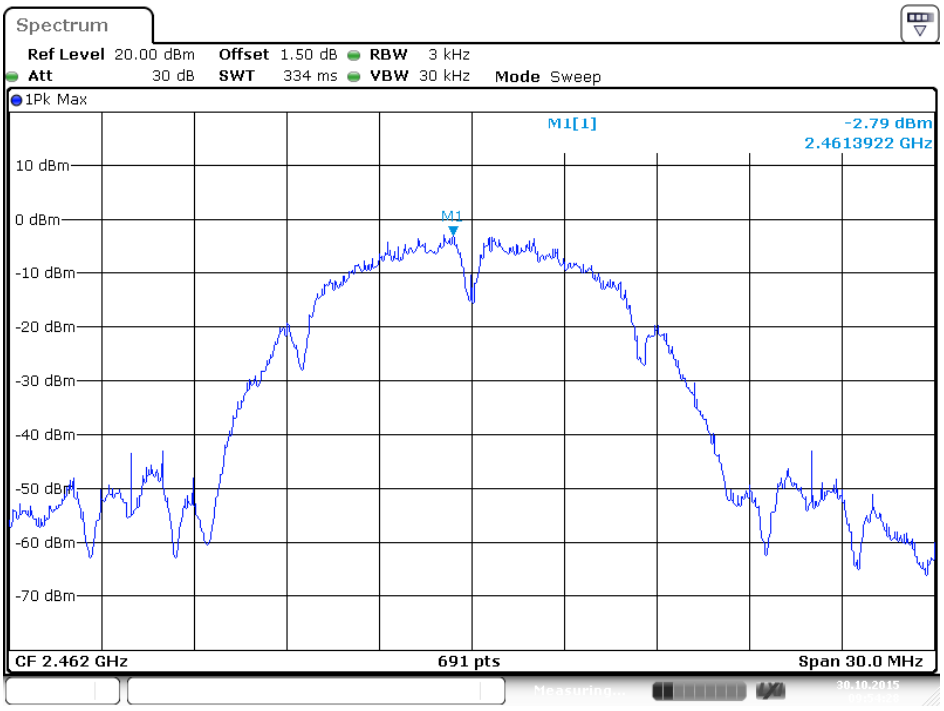
Date: 31.OCT.2015 19:23:02

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 3



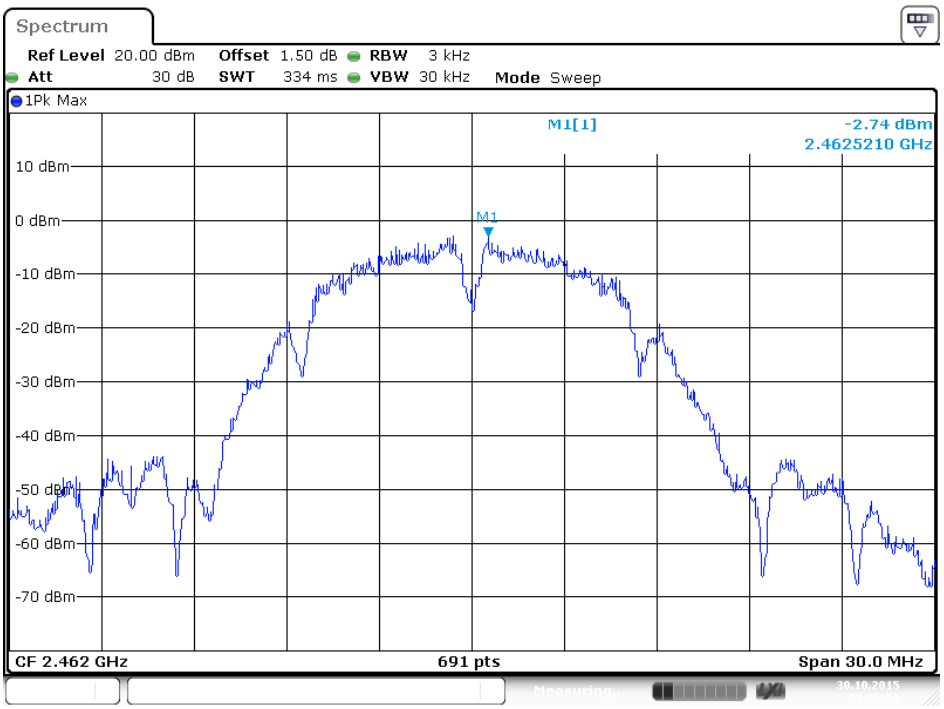
Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1



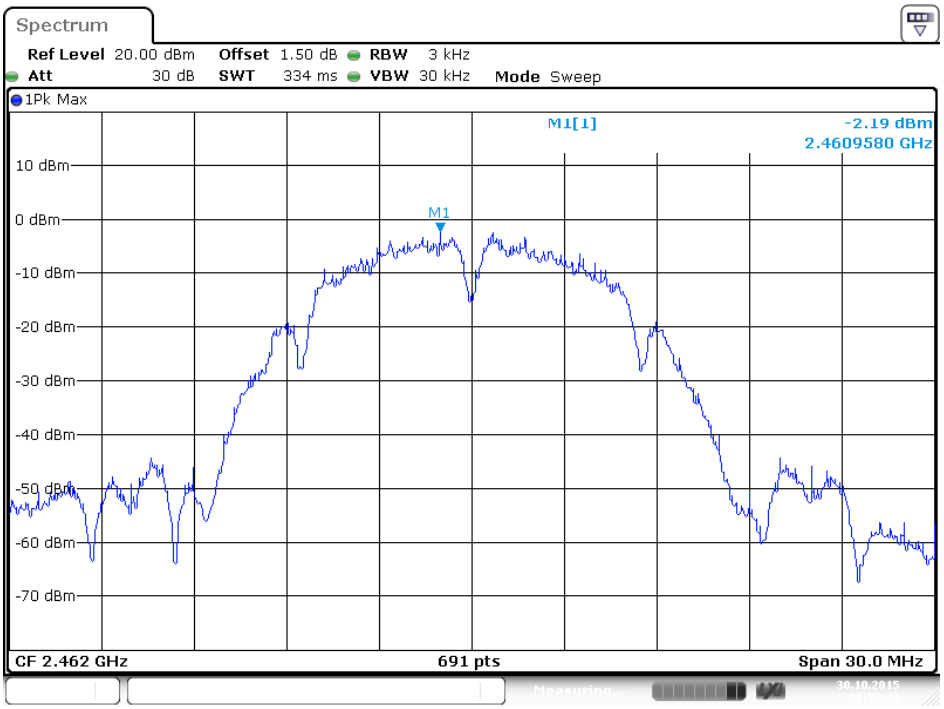
Date: 30.OCT.2015 09:54:28

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 2



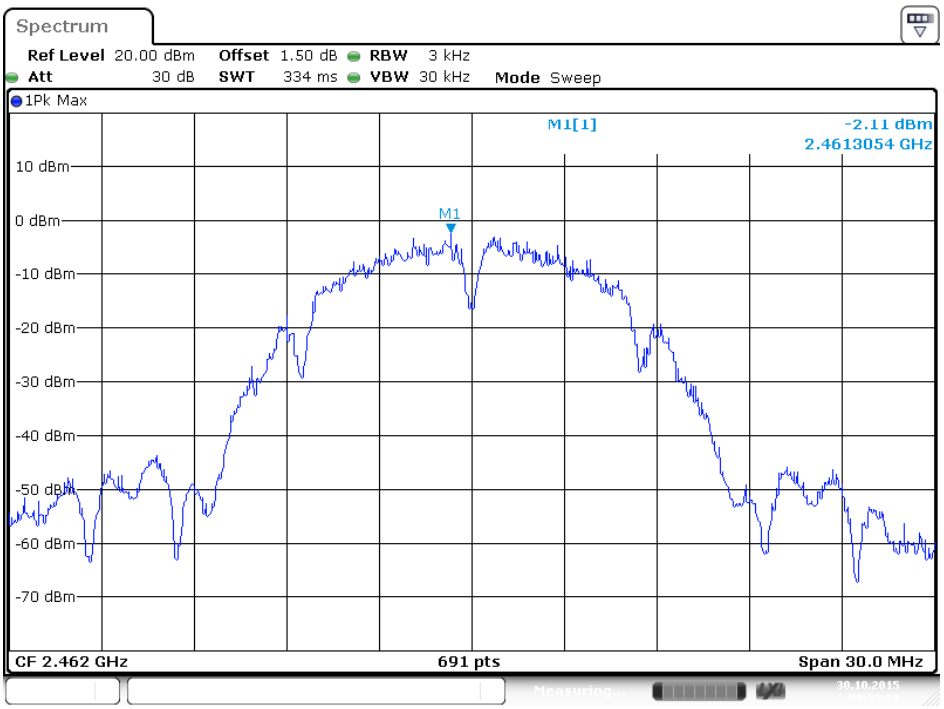
Date: 30.OCT.2015 09:53:50

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 3



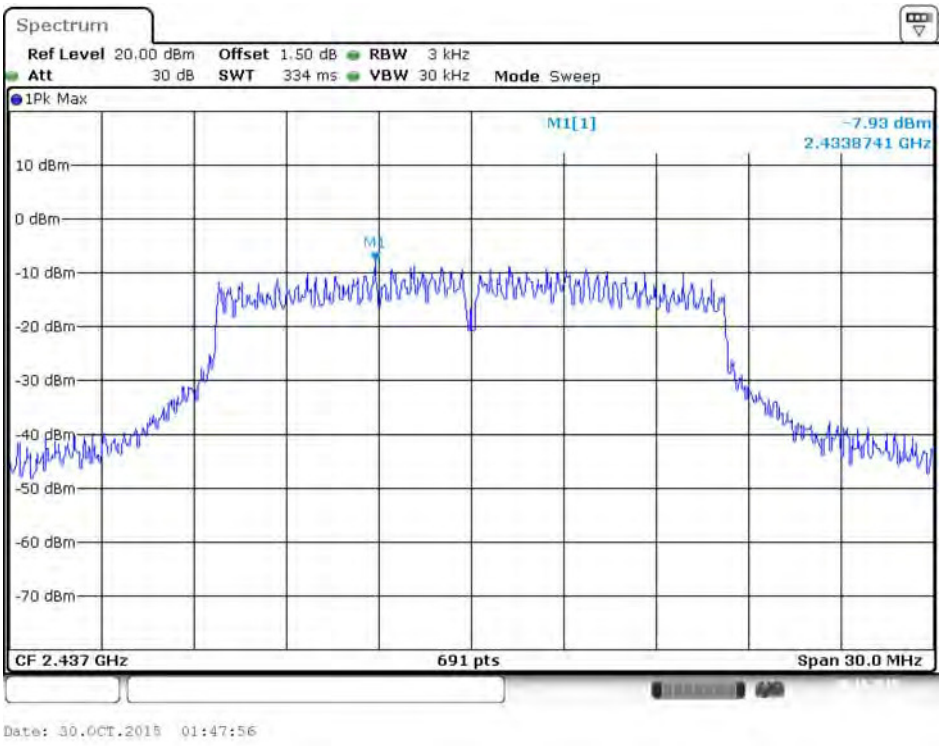
Date: 30.OCT.2015 09:52:42

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 4

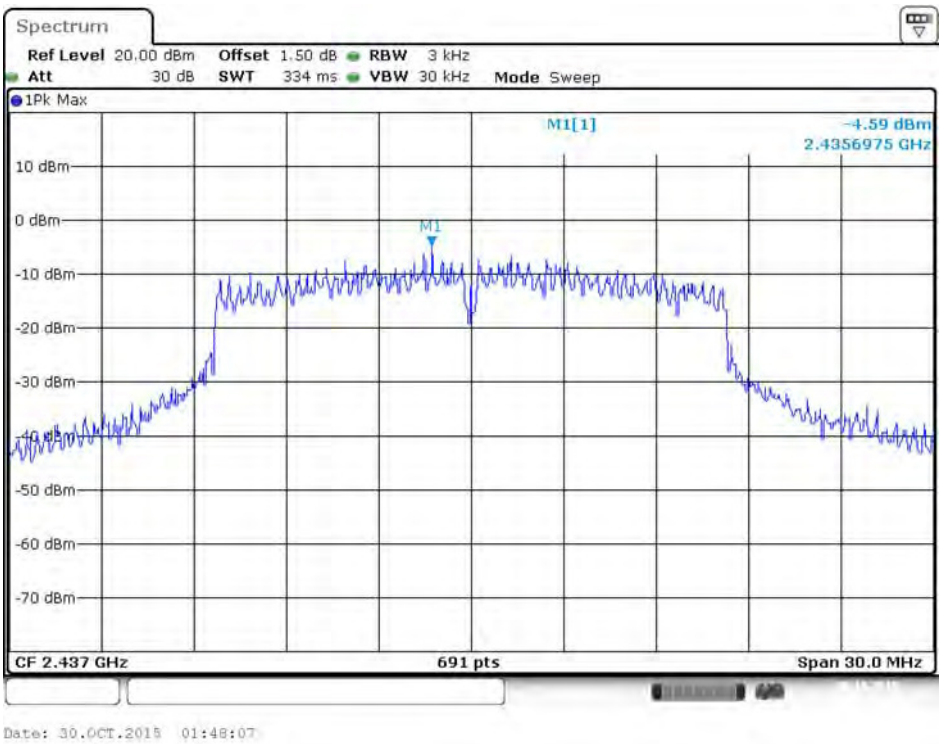


Date: 30.OCT.2015 09:53:22

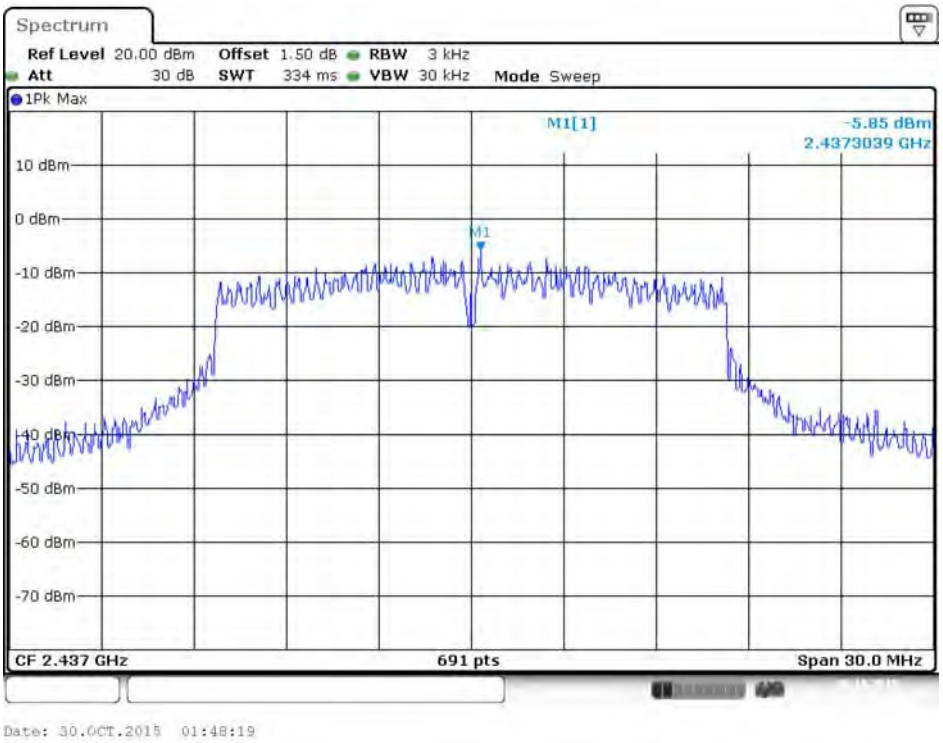
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



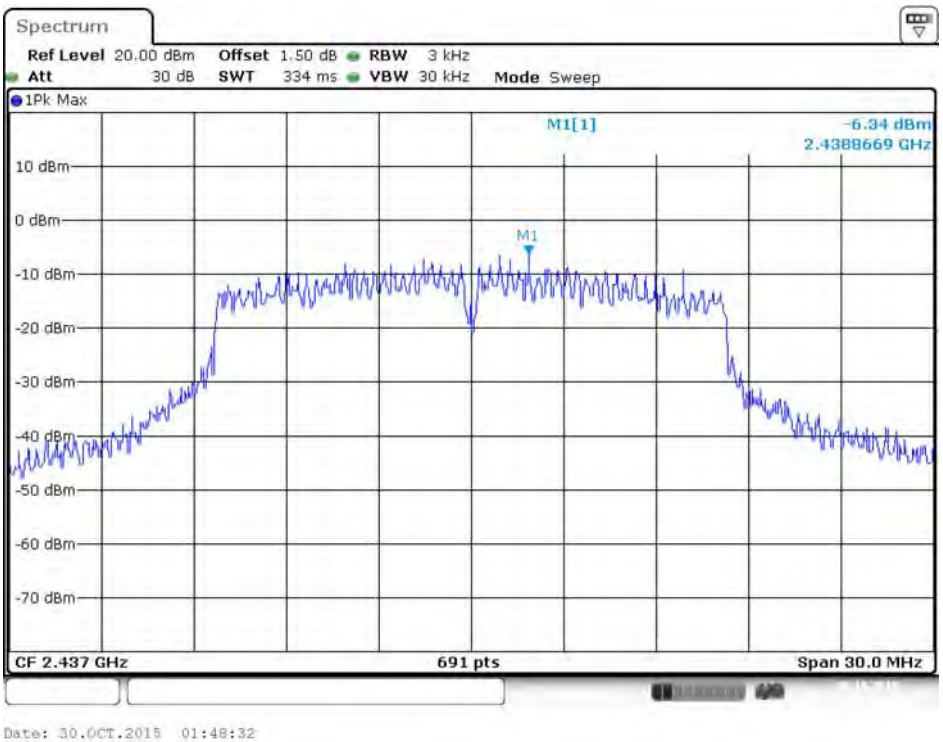
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 2



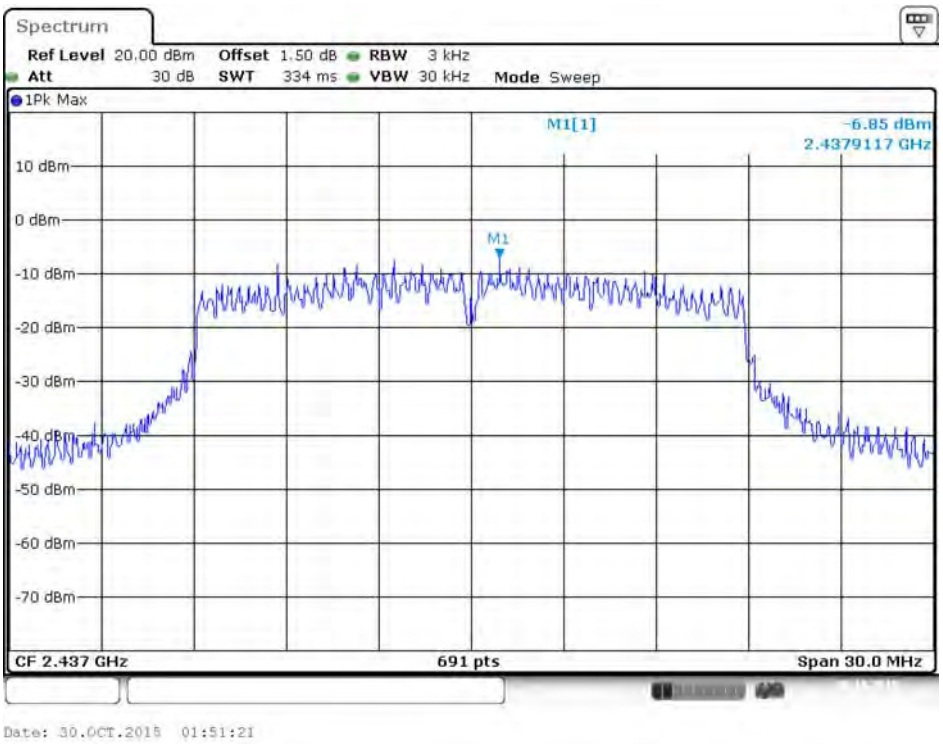
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 3



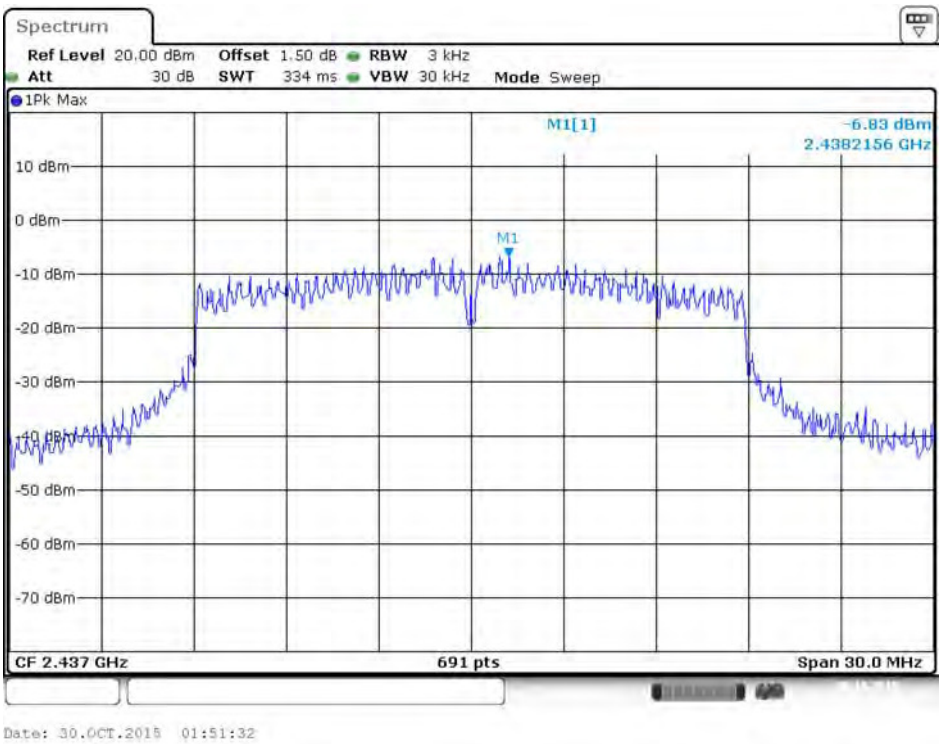
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 4



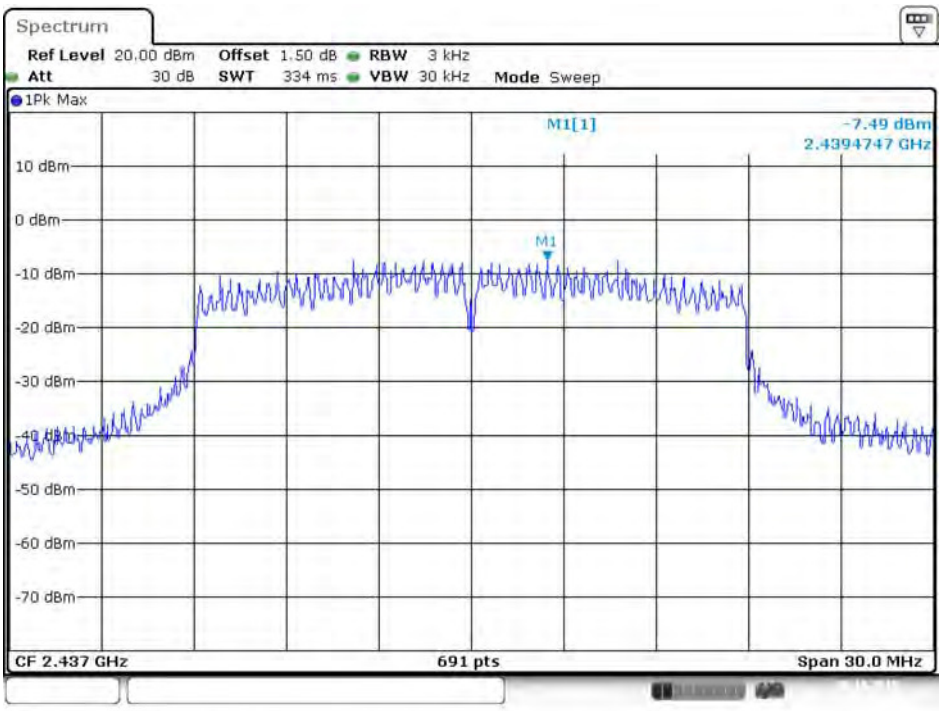
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



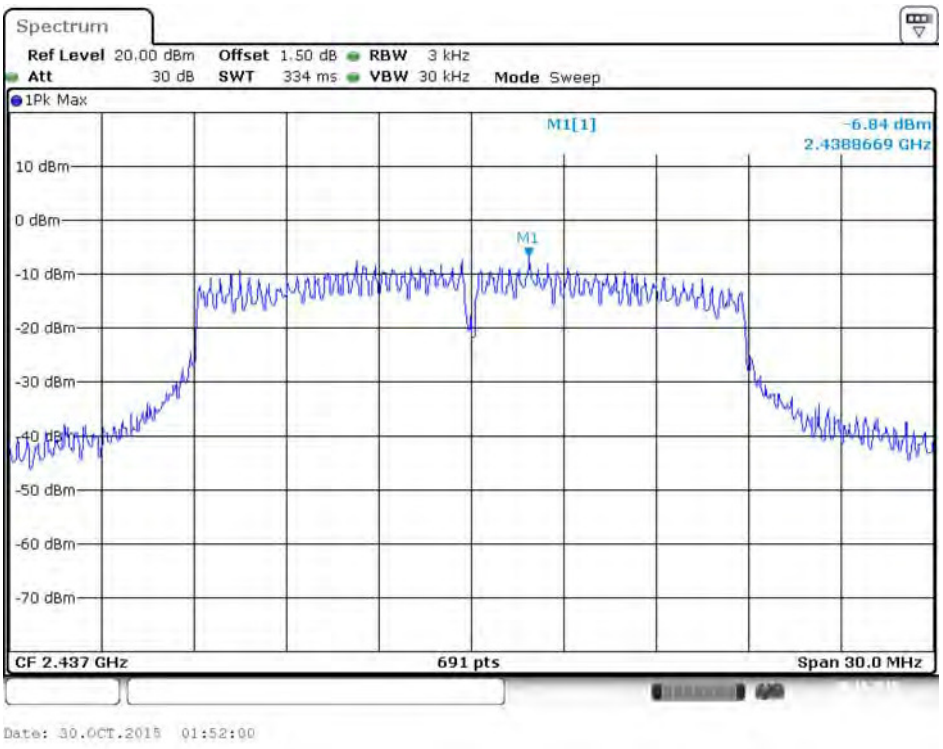
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



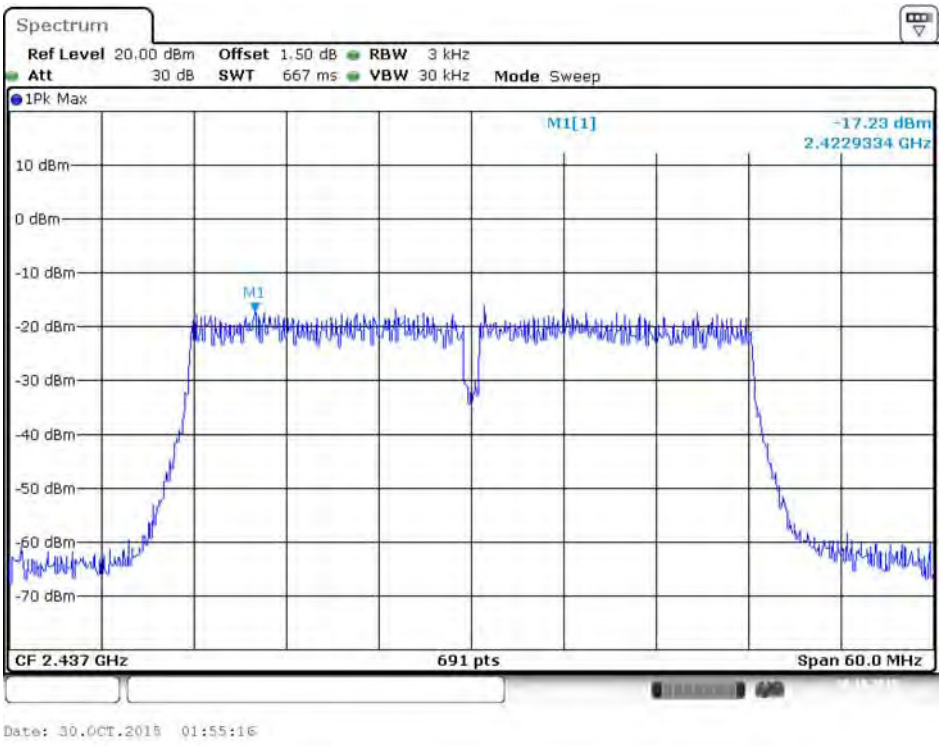
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



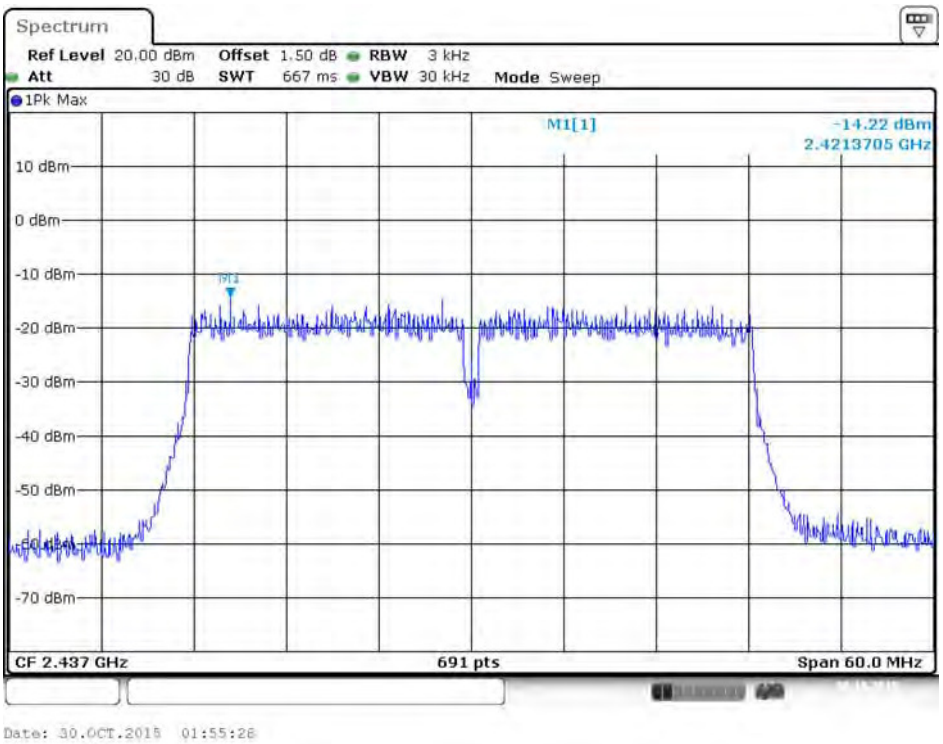
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 4



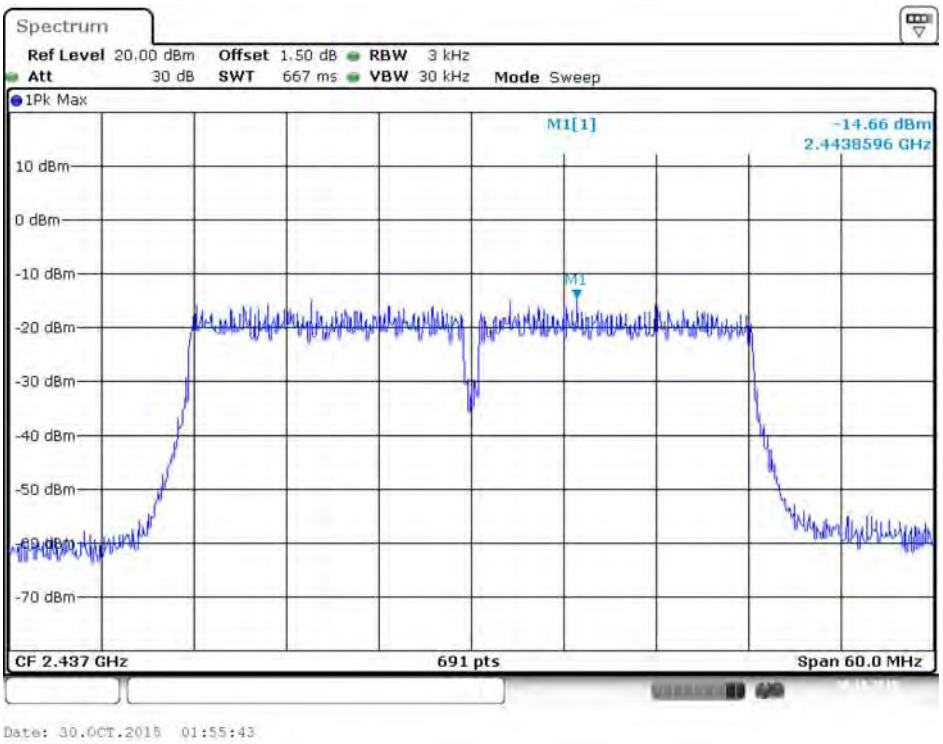
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



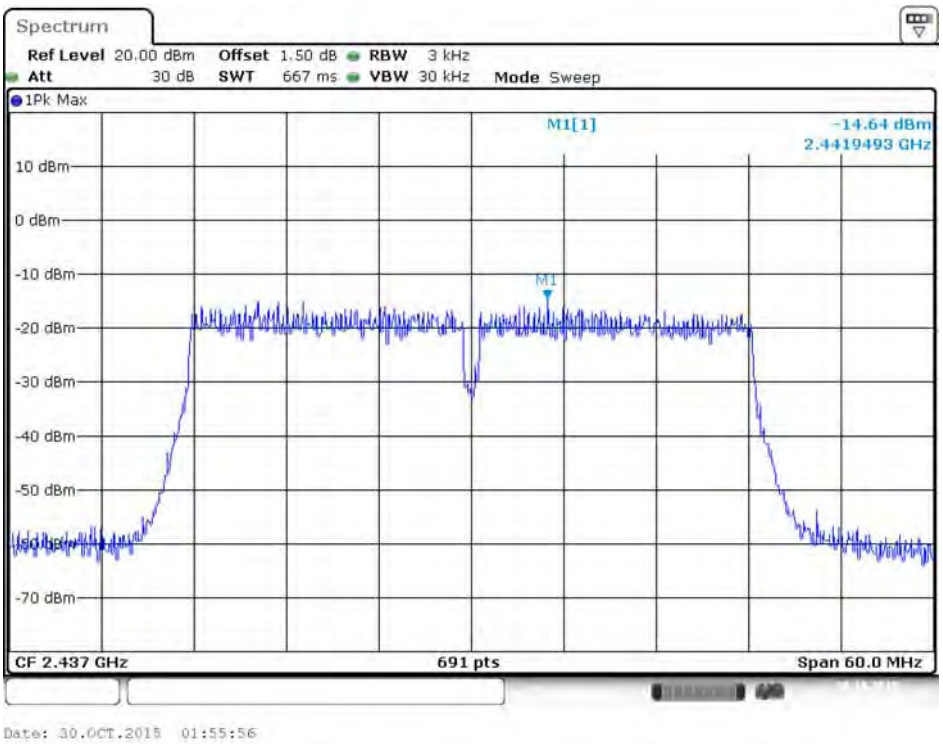
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3

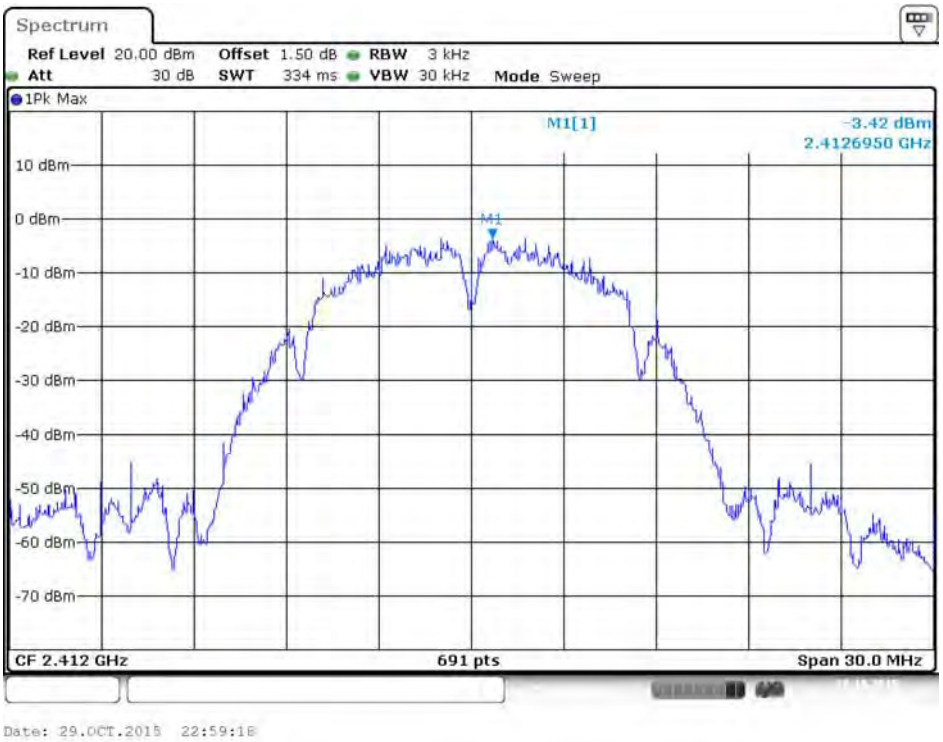


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 4

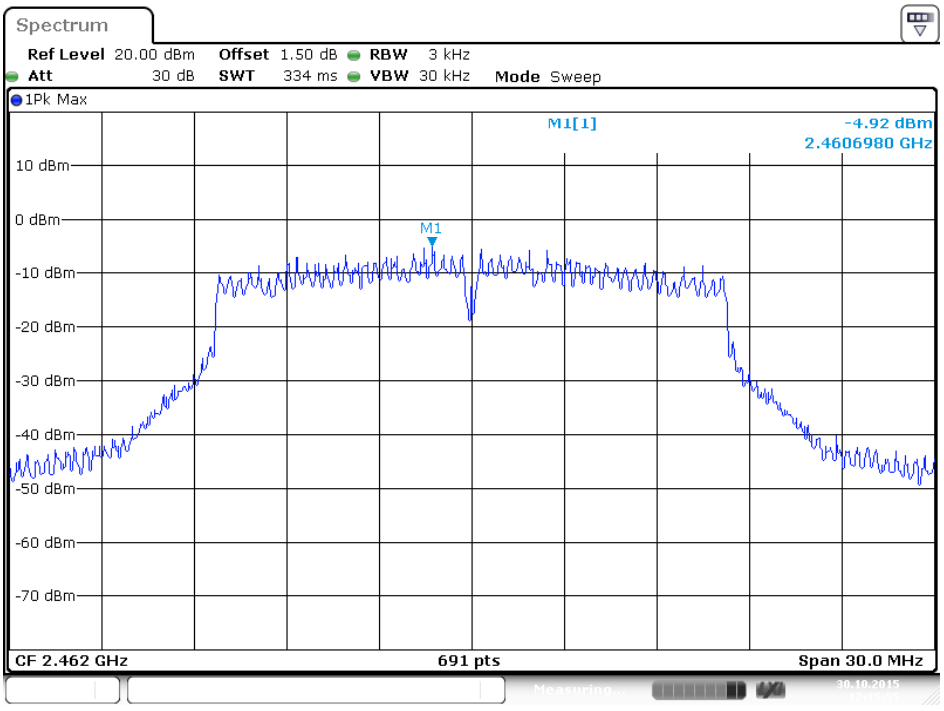


Mode 5 (Set 8 Patch antenna / 3.53dBi / 1TX)

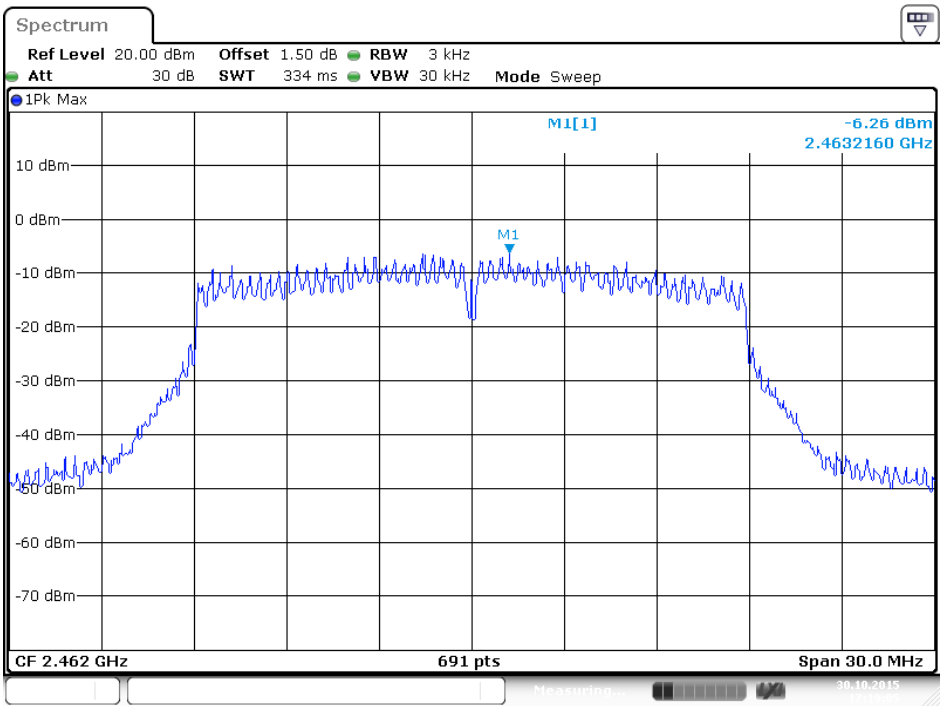
Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 1

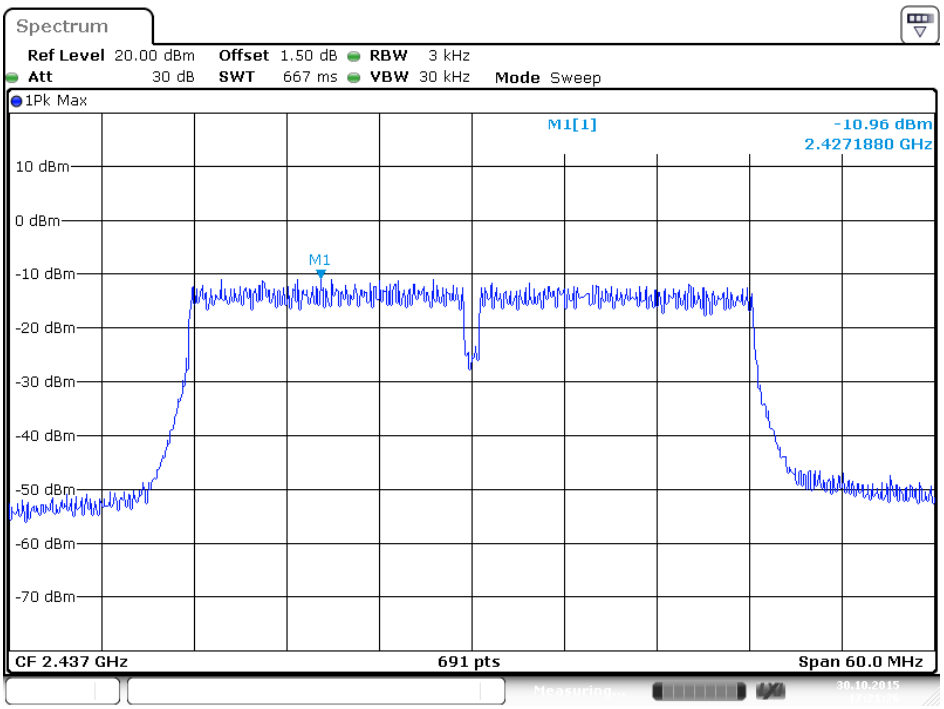


Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2462 MHz / Chain 1



Date: 30.OCT.2015 17:19:06

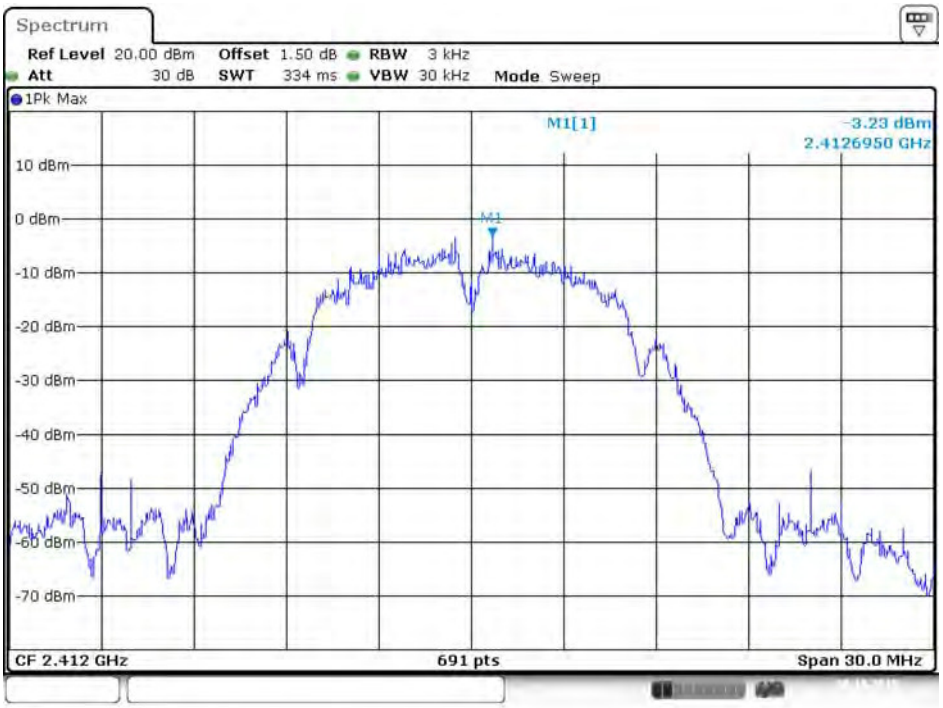
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



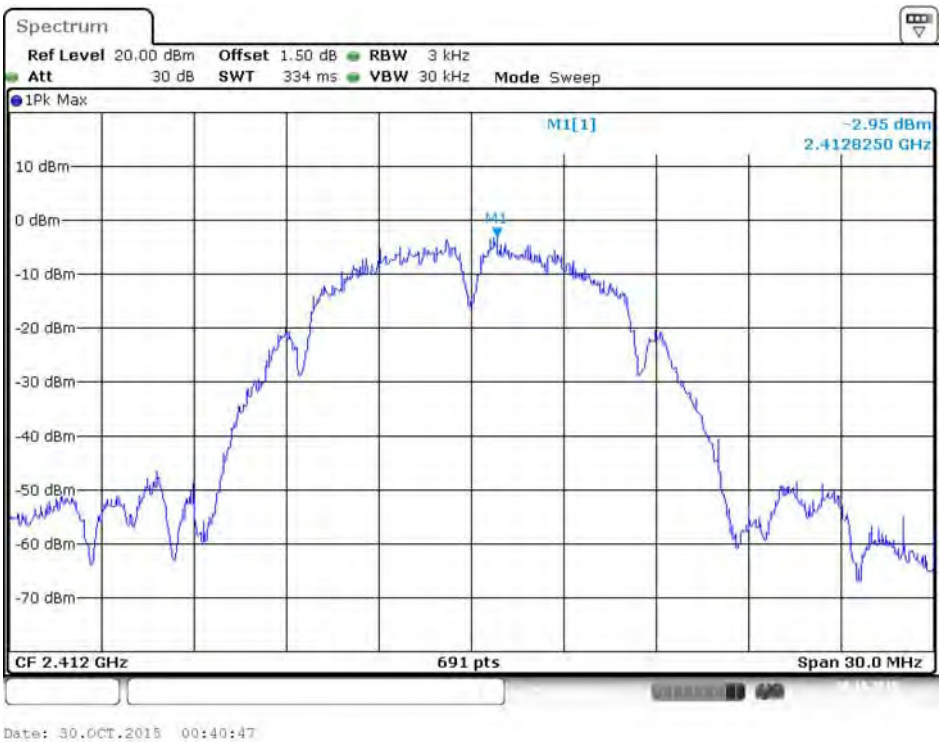
Date: 30.OCT.2015 17:21:26

Mode 5 (Set 8 Patch antenna / 3.53dBi / 2TX)

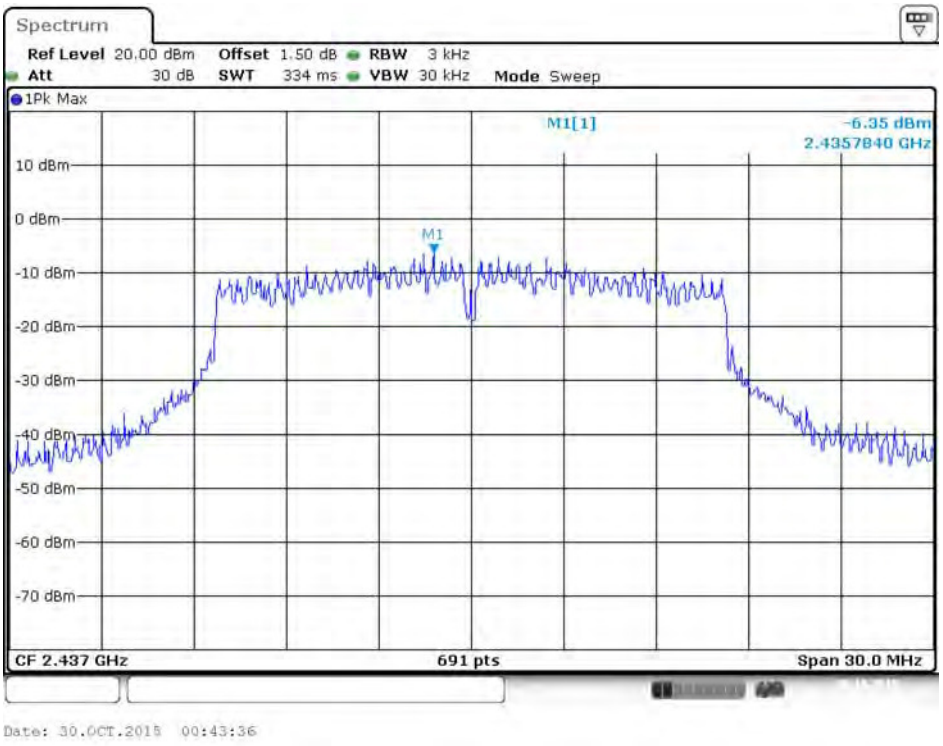
Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 1



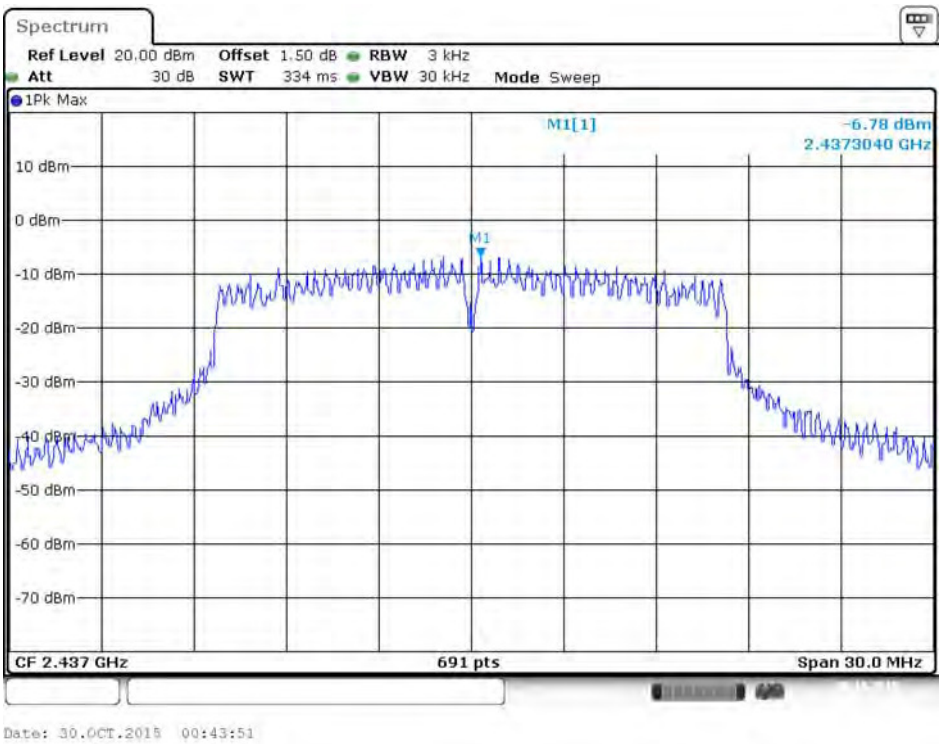
Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 2



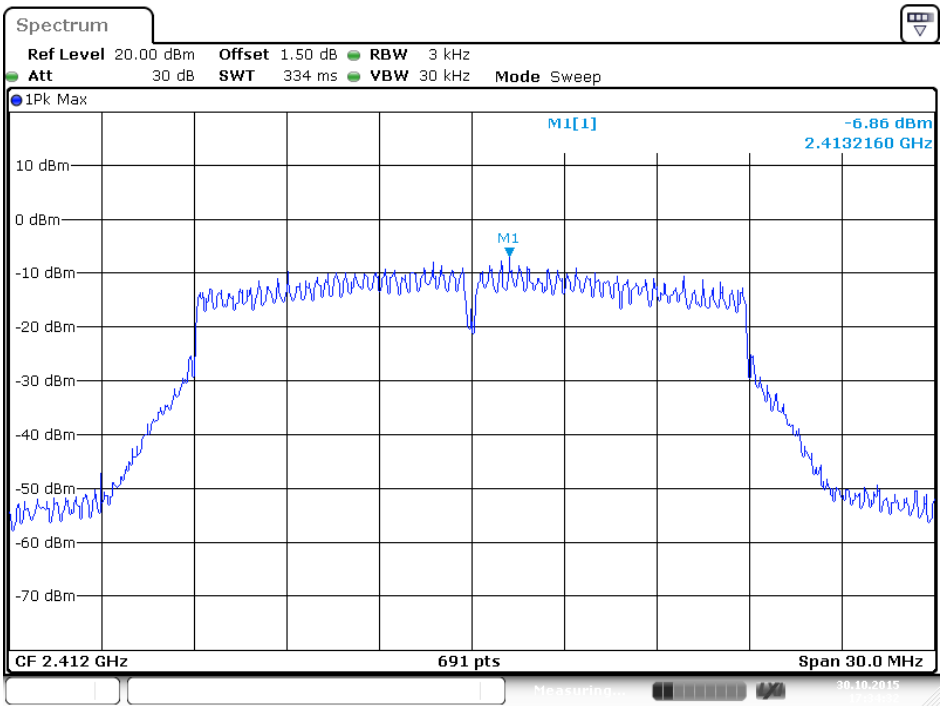
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 2

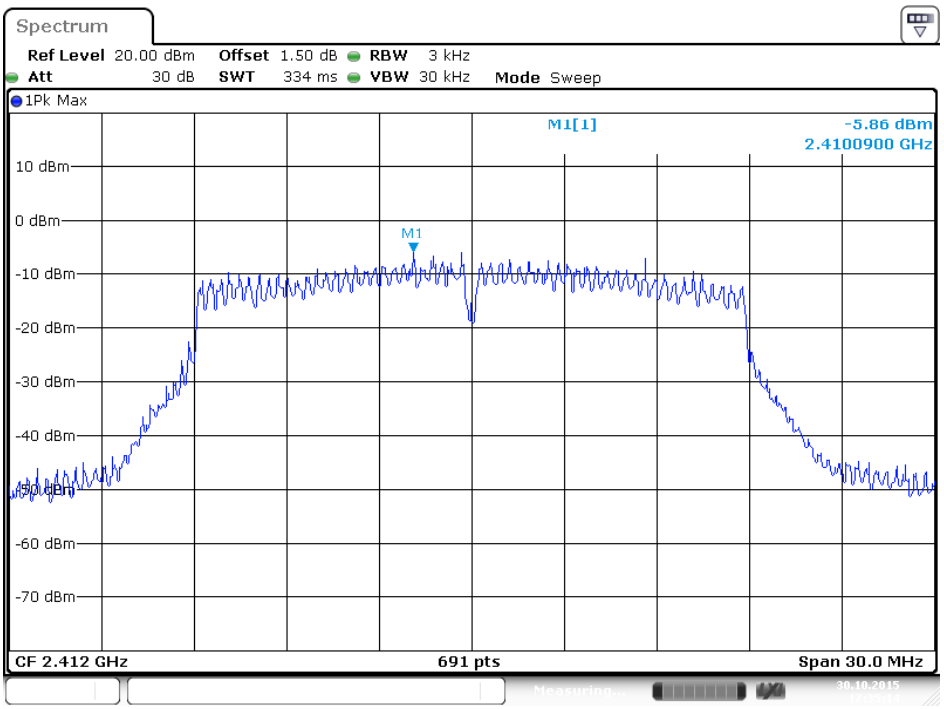


Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1



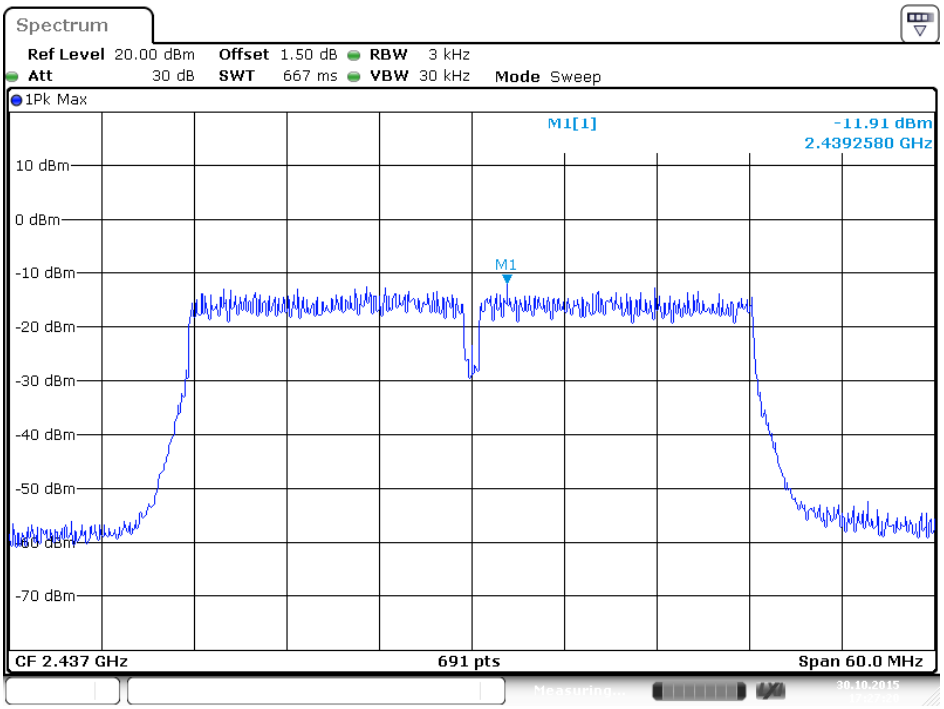
Date: 30.OCT.2015 17:34:32

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 2



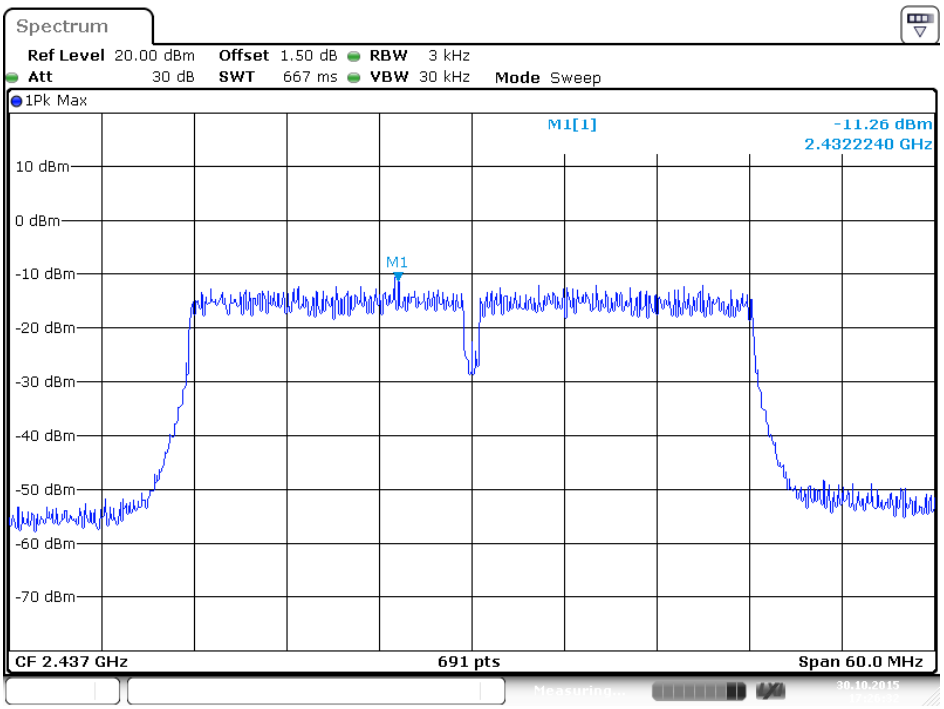
Date: 30.OCT.2015 17:35:14

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



Date: 30.OCT.2015 17:27:20

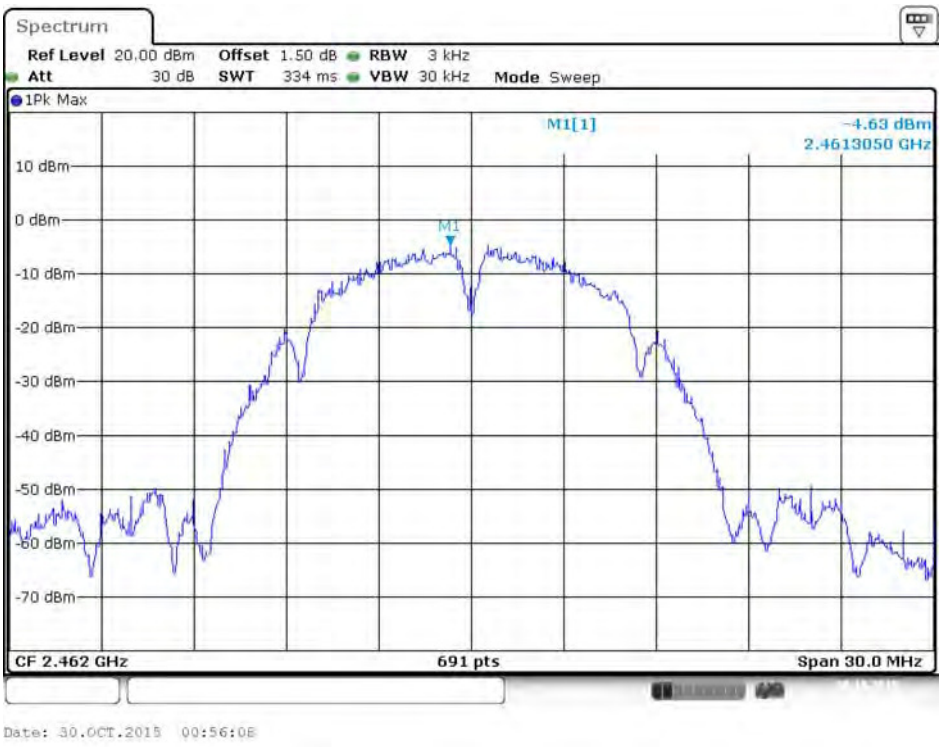
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



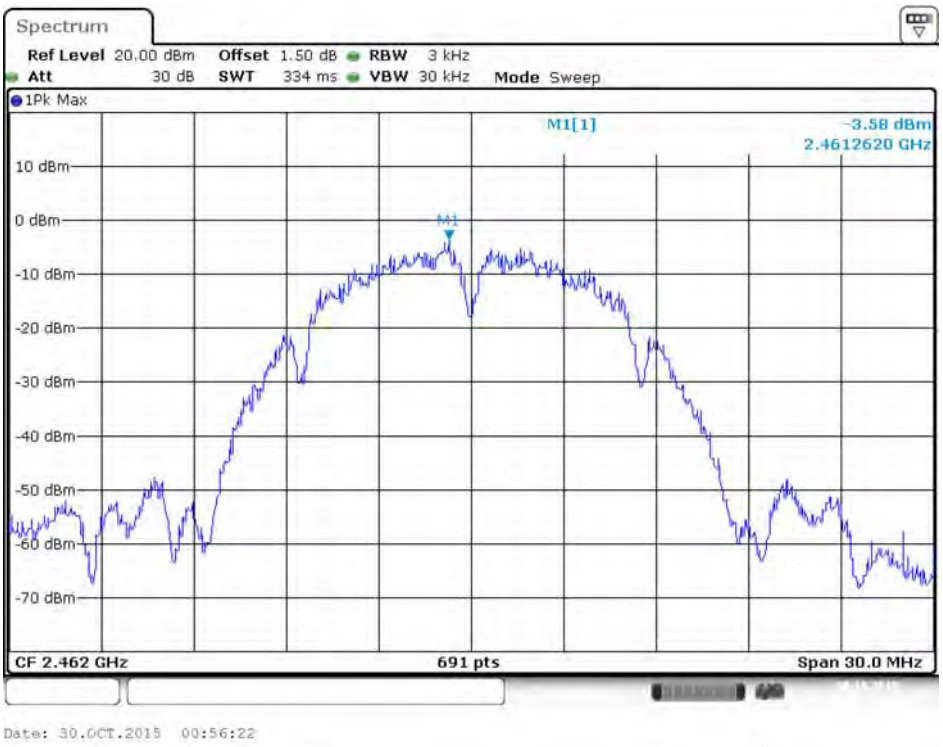
Date: 30.OCT.2015 17:26:31

Mode 5 (Set 8 Patch antenna / 3.53dBi / 3TX)

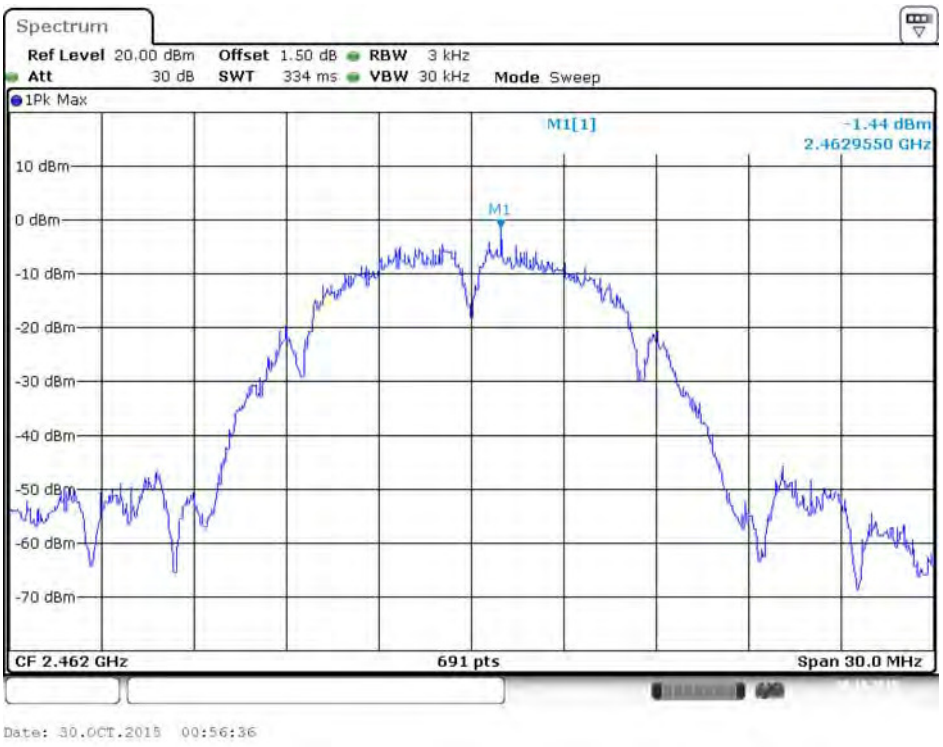
Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1



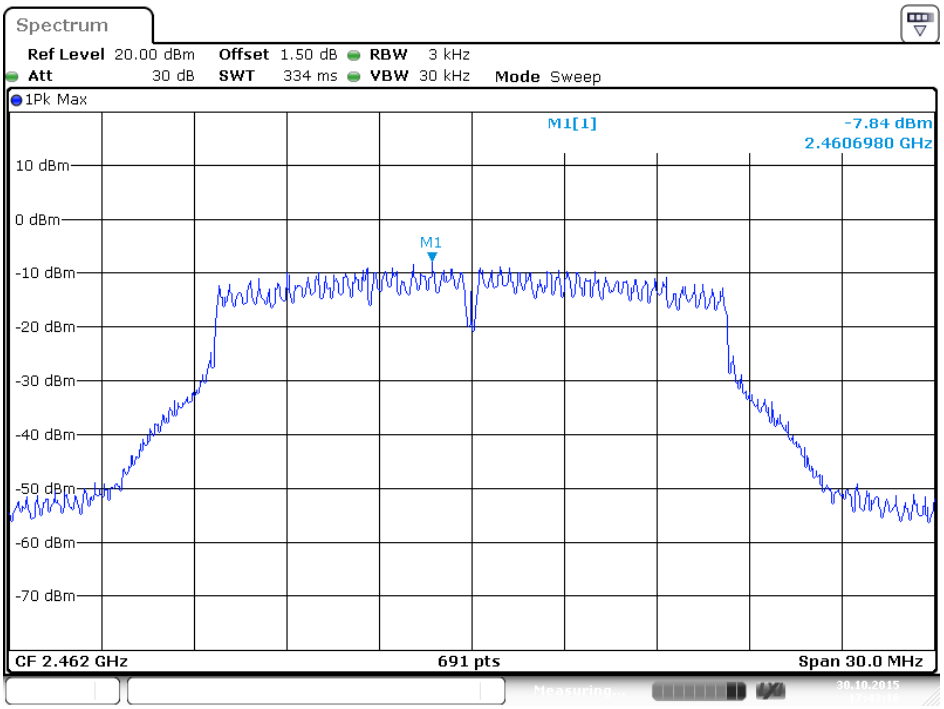
Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 3

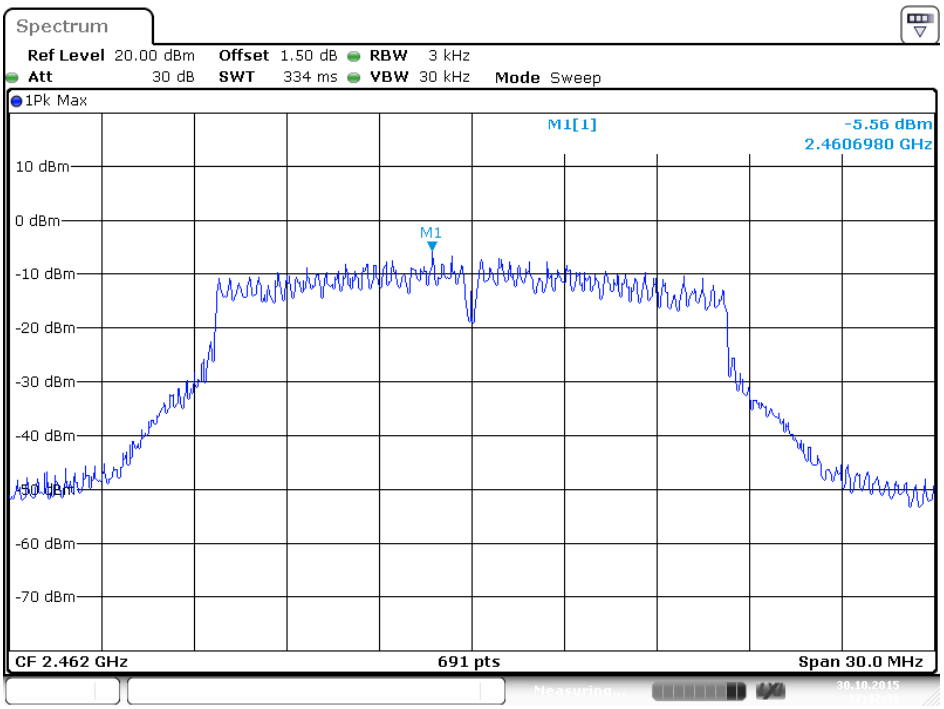


Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 1



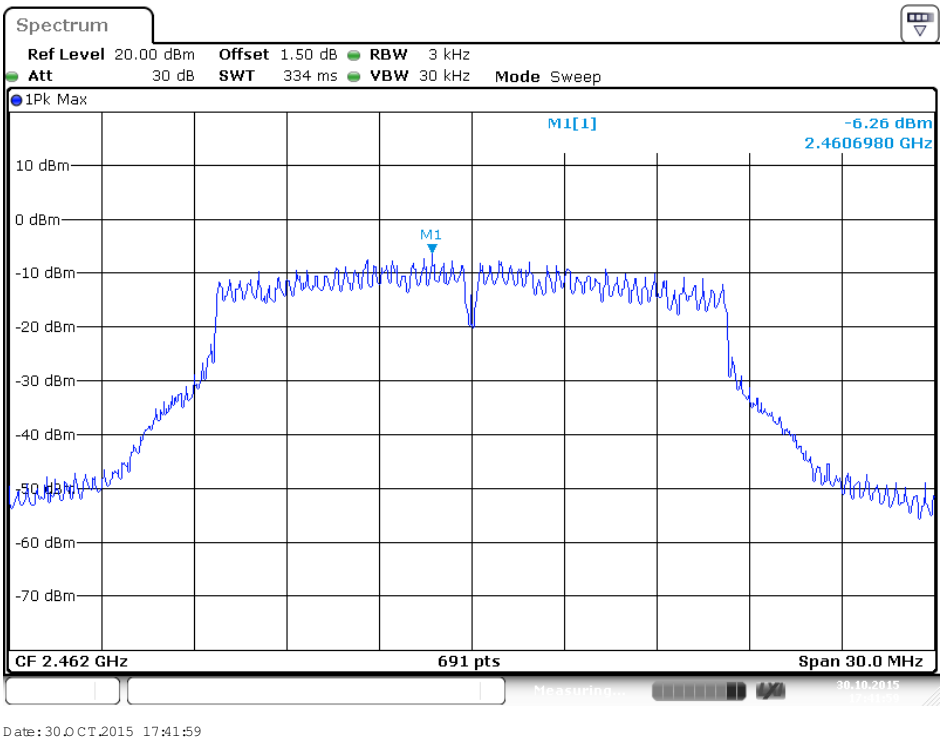
Date: 30.OCT.2015 17:43:16

Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 2

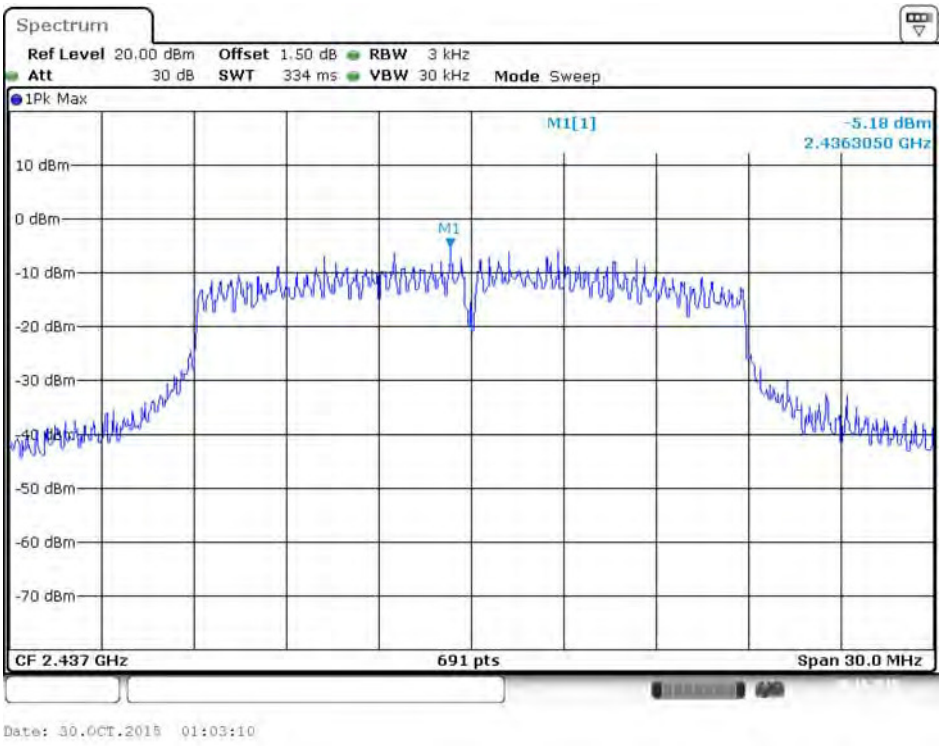


Date: 30.OCT.2015 17:42:36

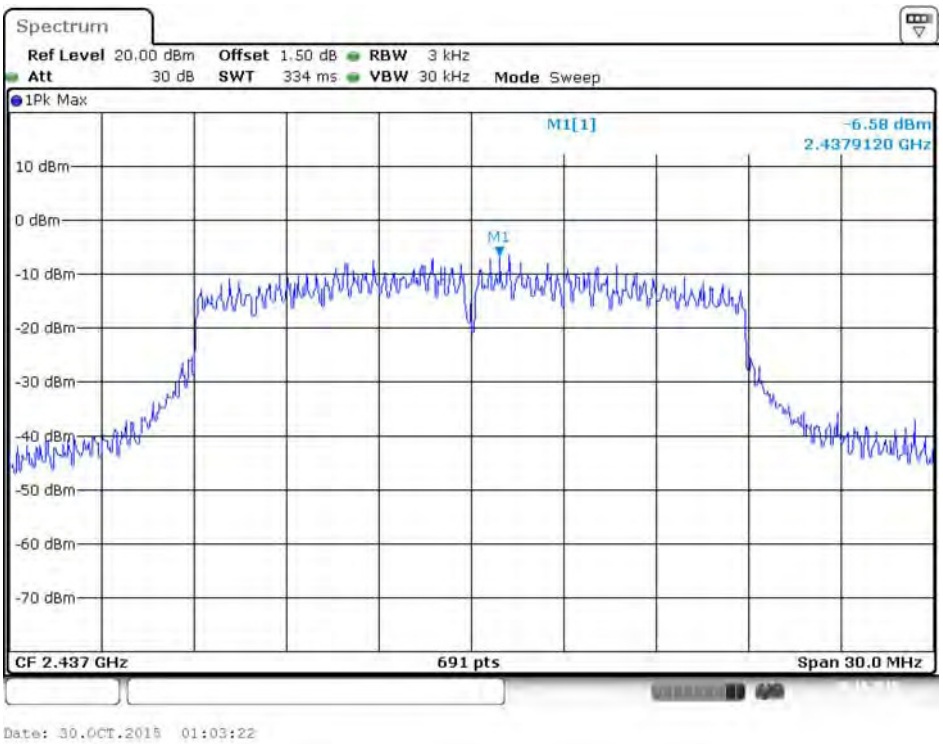
Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 3



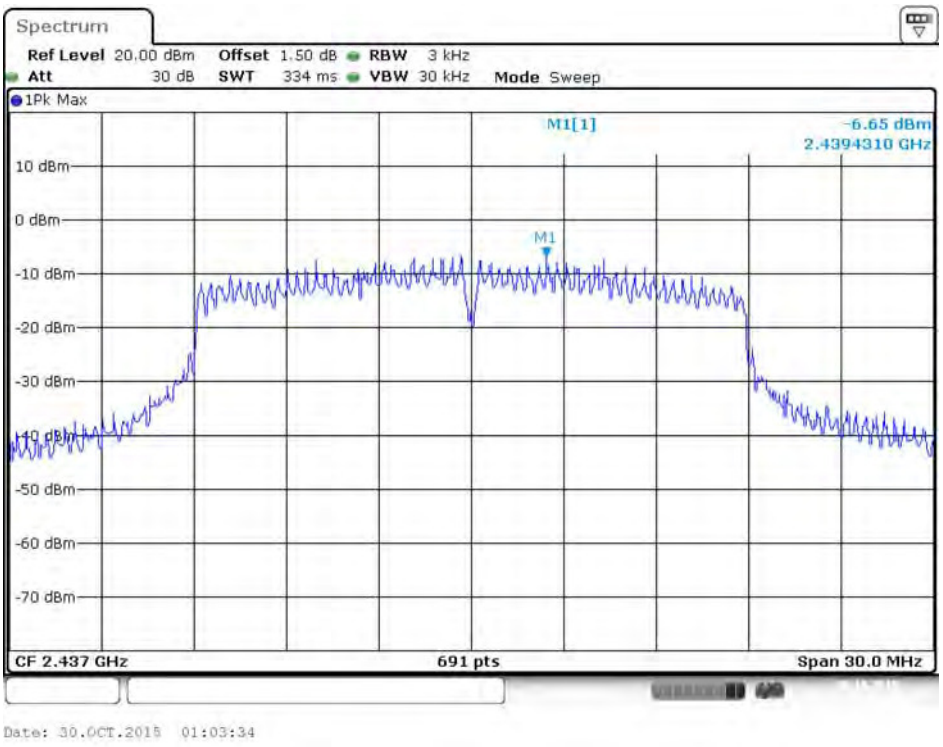
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



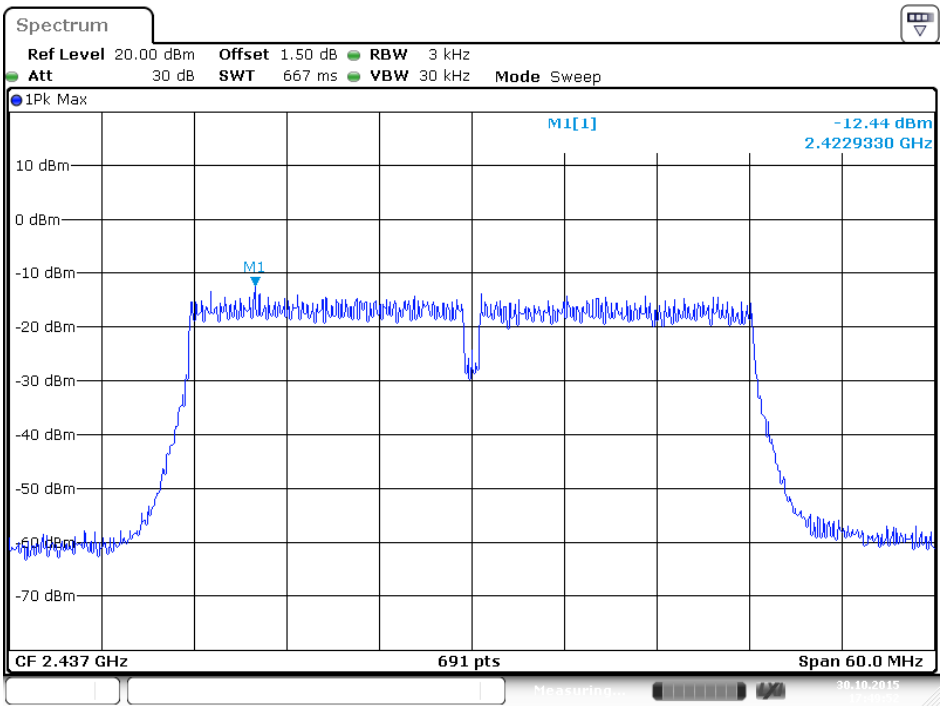
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3

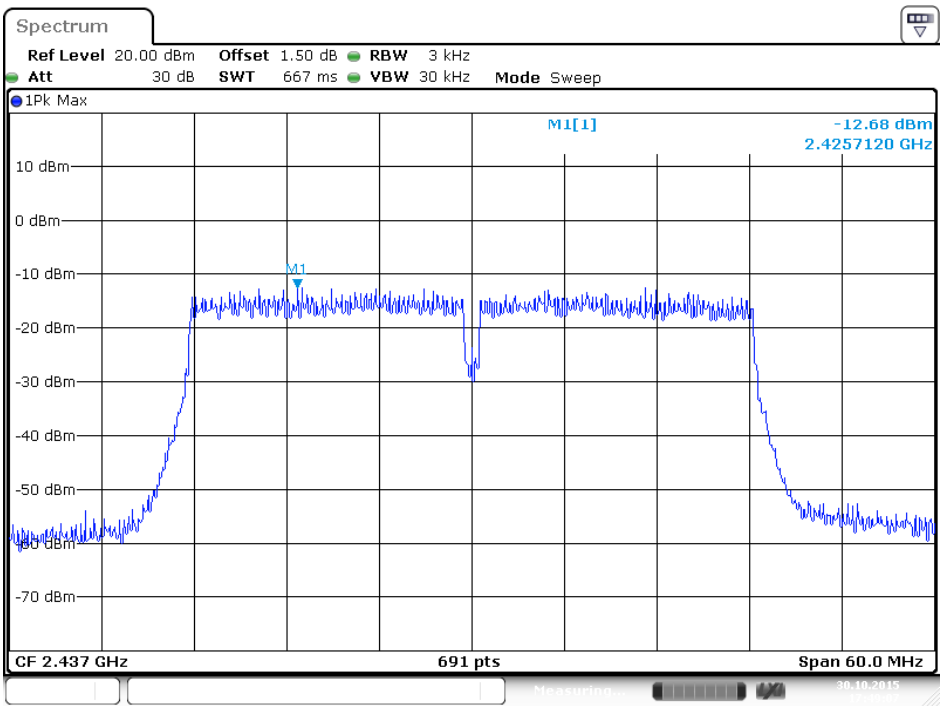


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



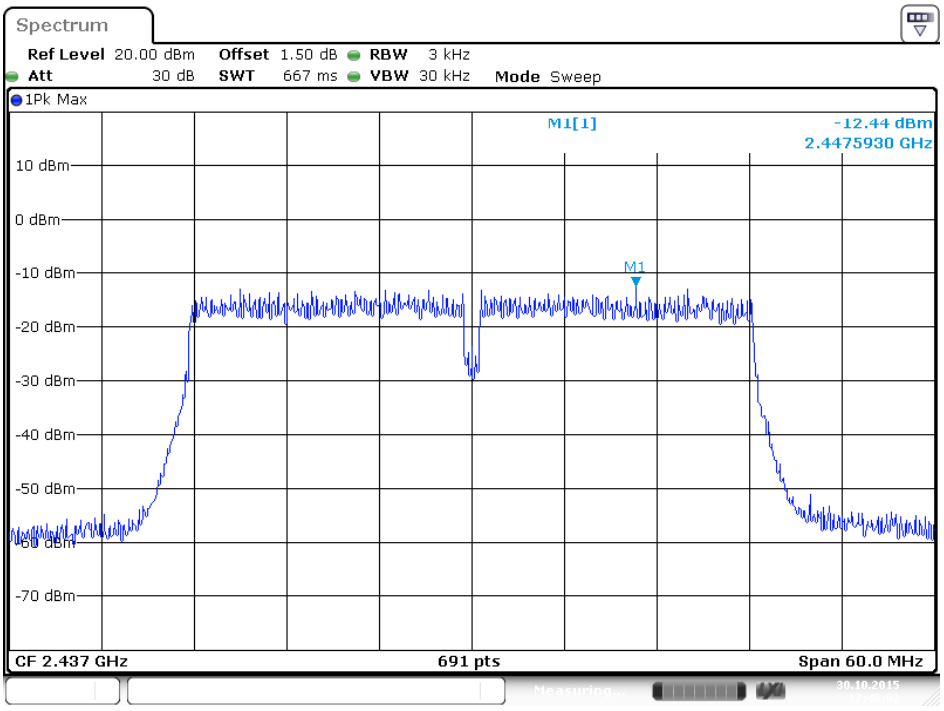
Date: 30.OCT.2015 17:49:52

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



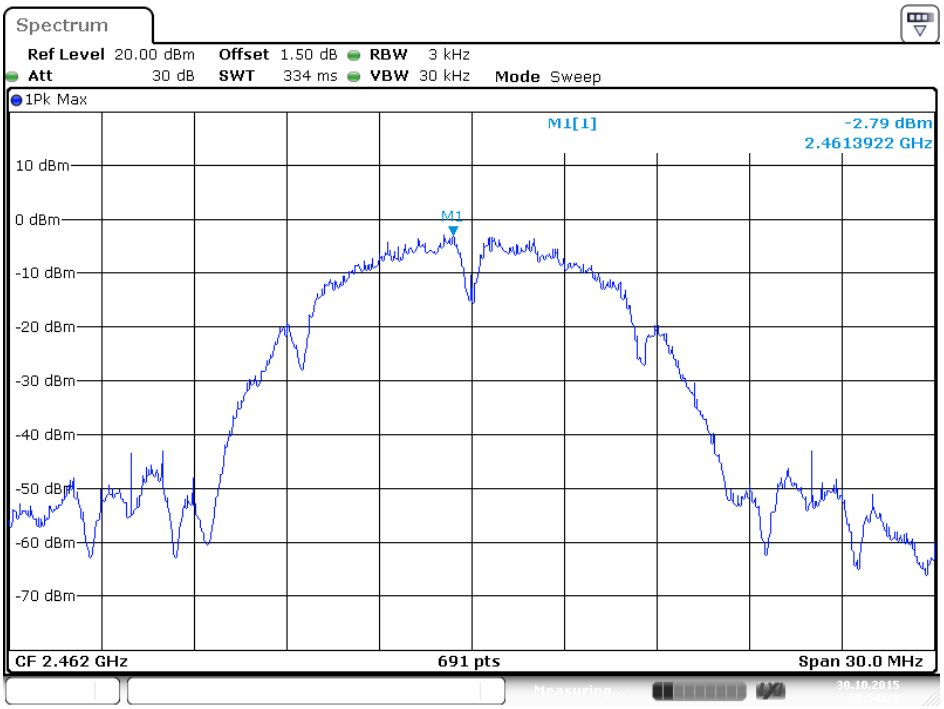
Date: 30.OCT.2015 17:49:08

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



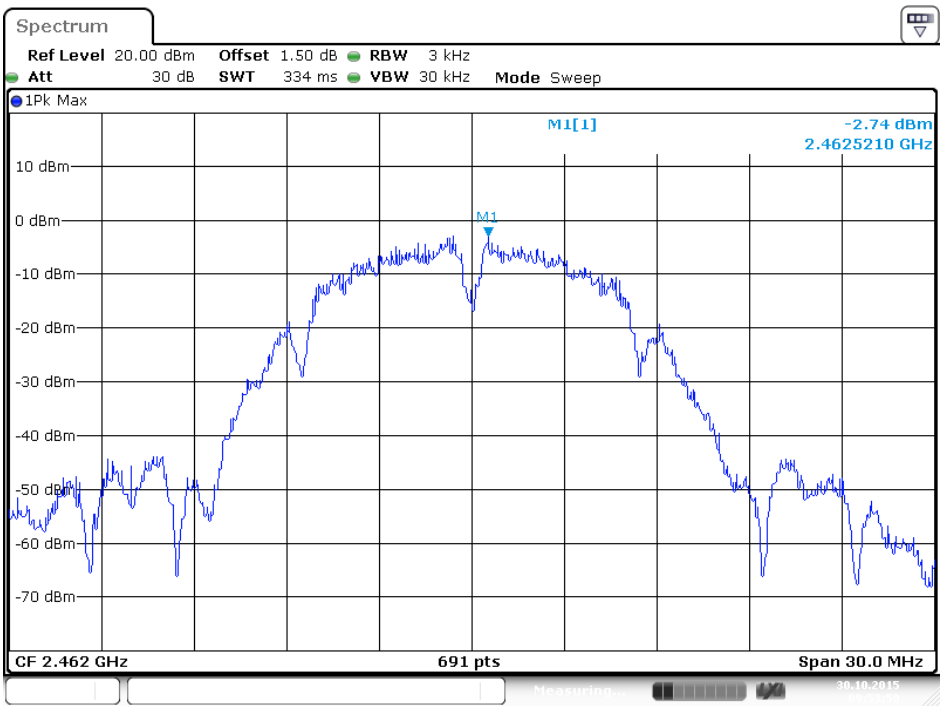
Mode 5 (Set 8 Patch antenna / 3.53dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1



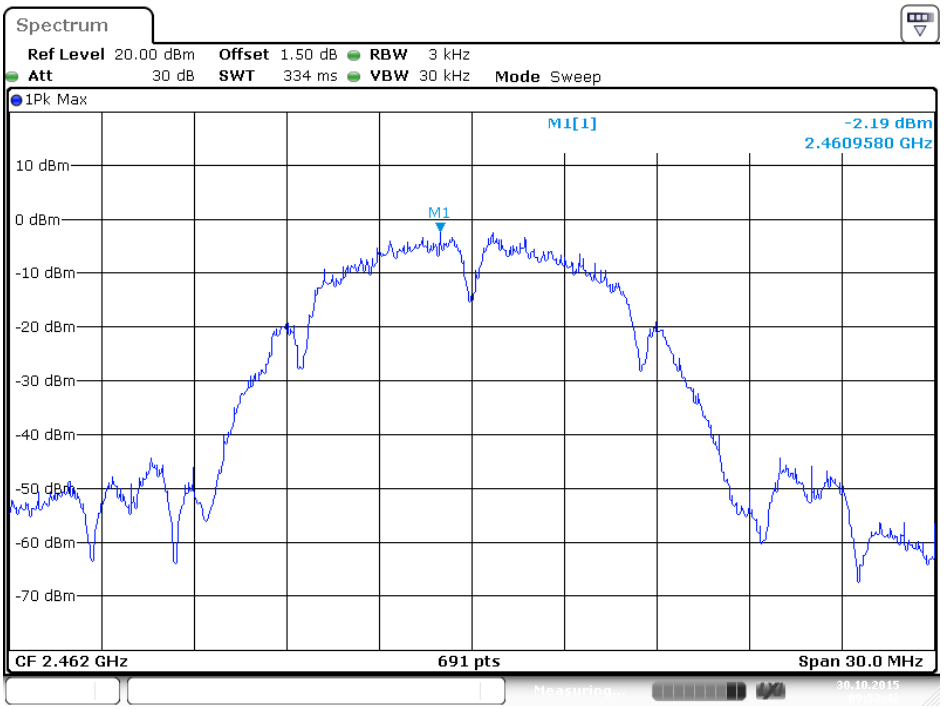
Date: 30.OCT.2015 09:54:28

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 2



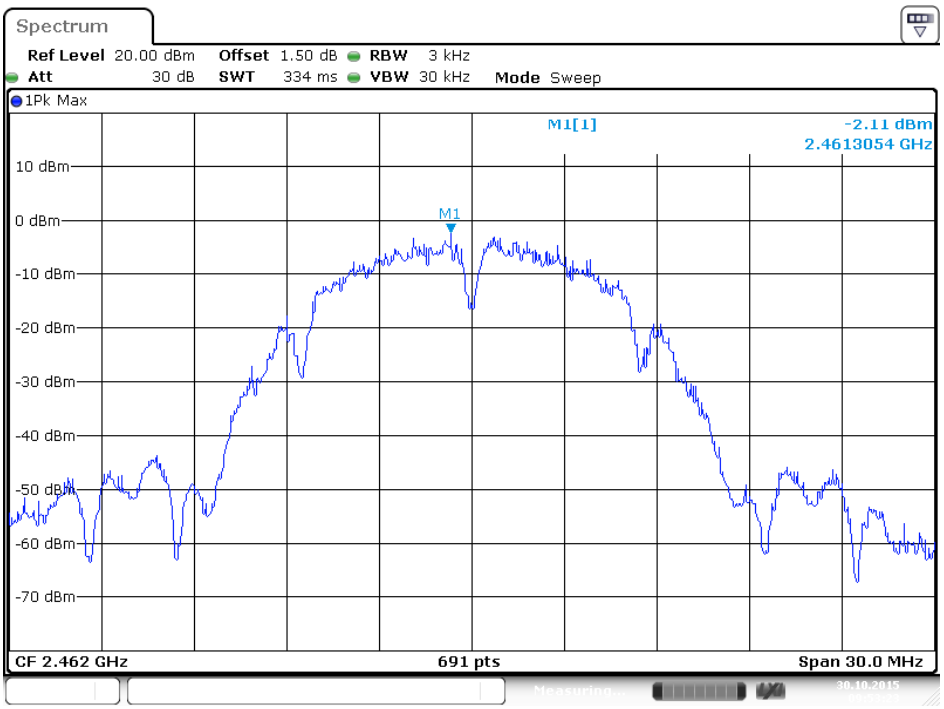
Date: 30.OCT.2015 09:53:50

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 3



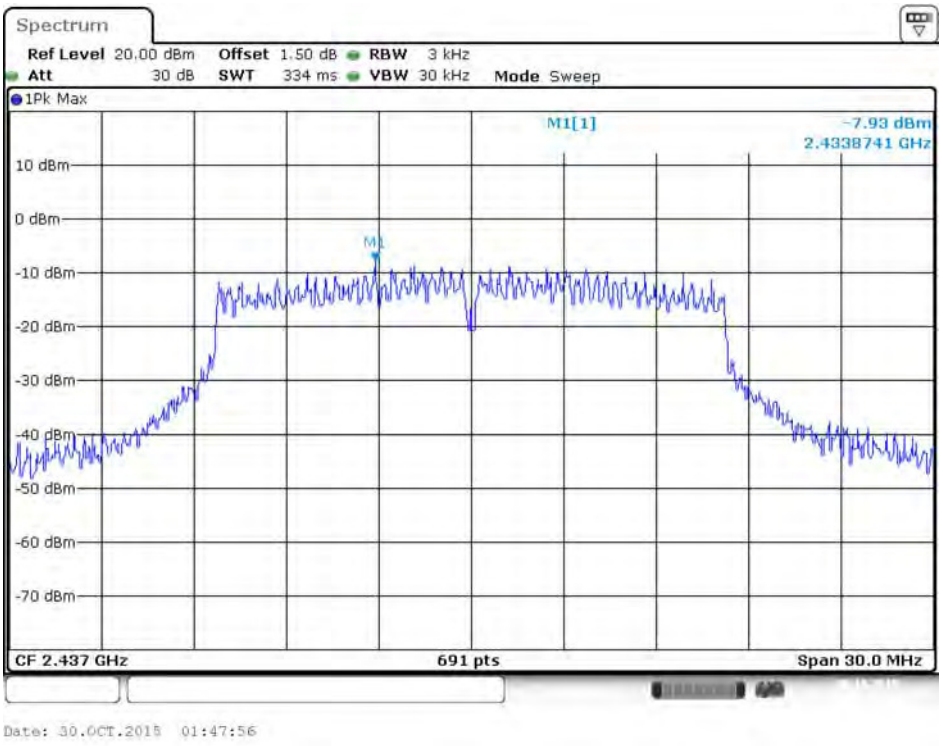
Date: 30.OCT.2015 09:52:42

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 4

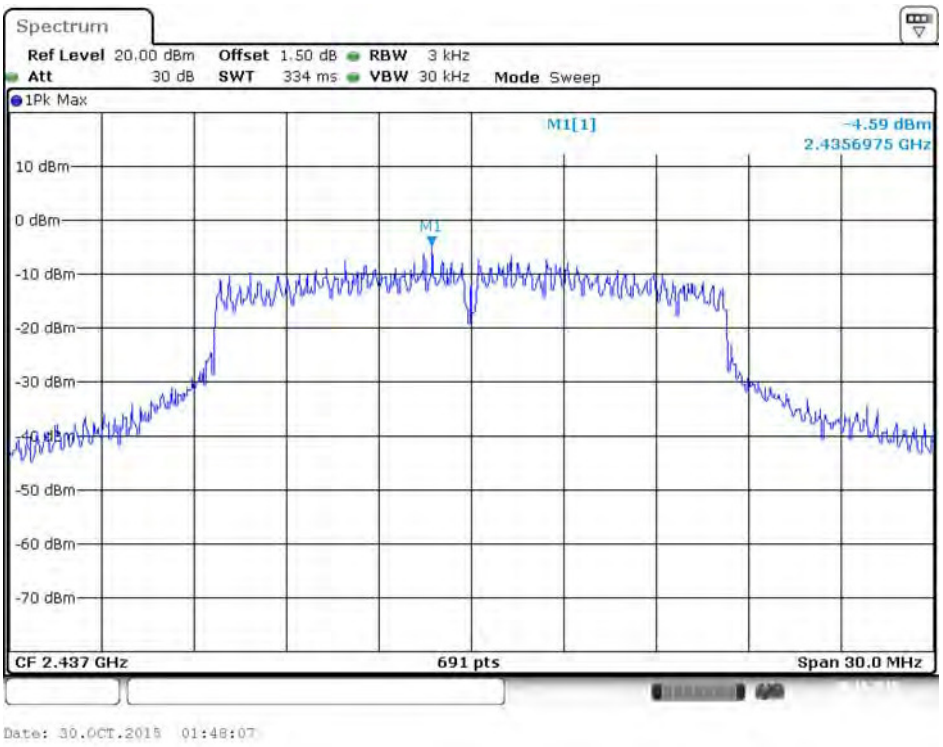


Date: 30.OCT.2015 09:53:22

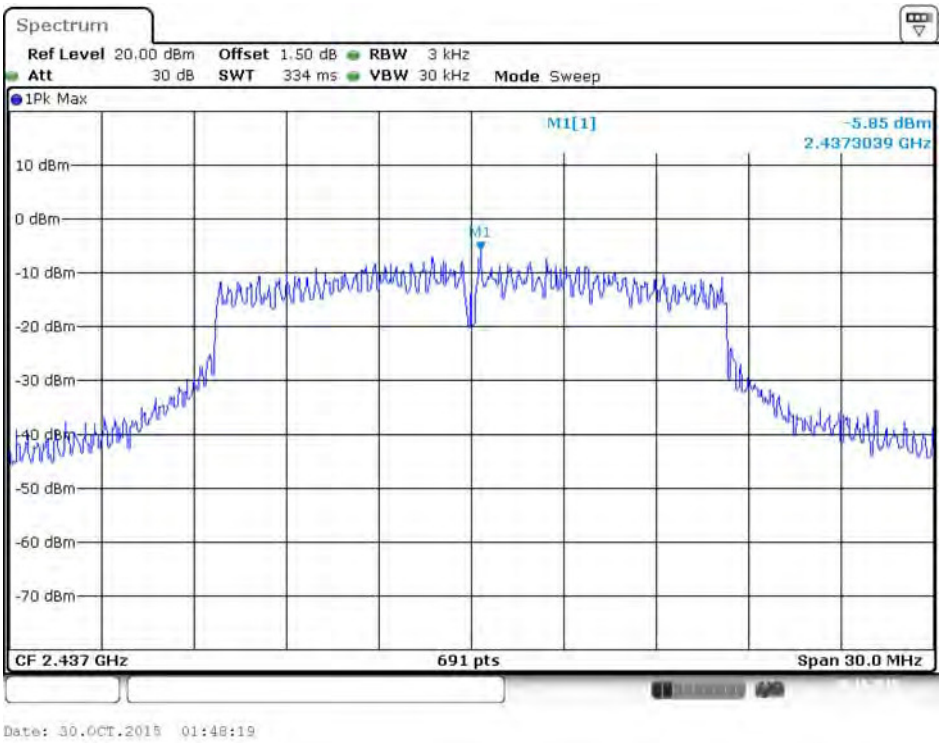
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



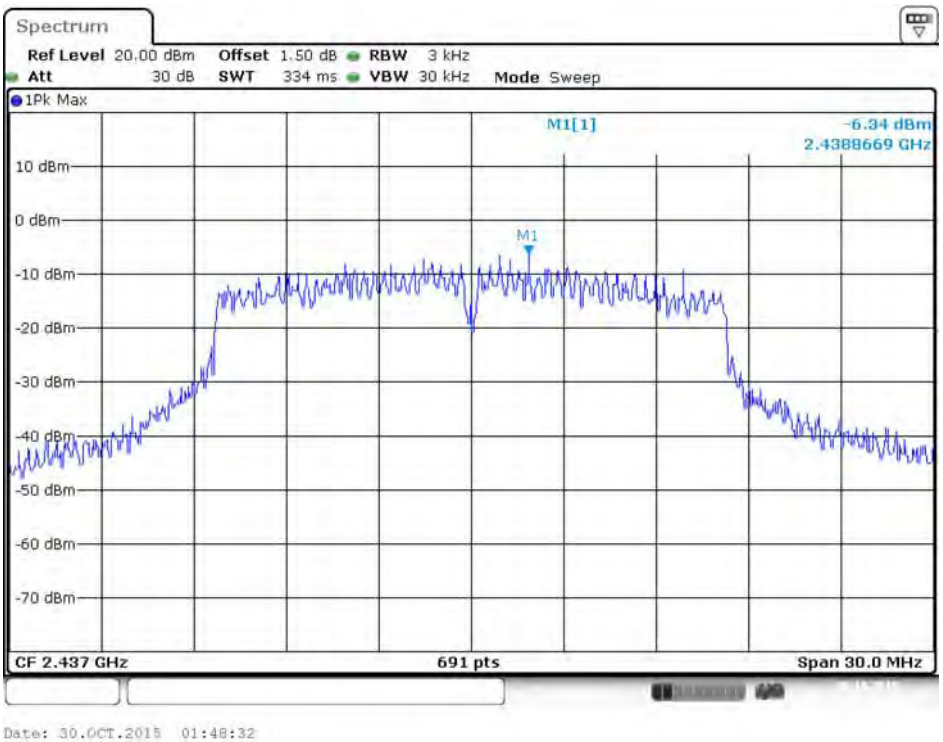
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 2



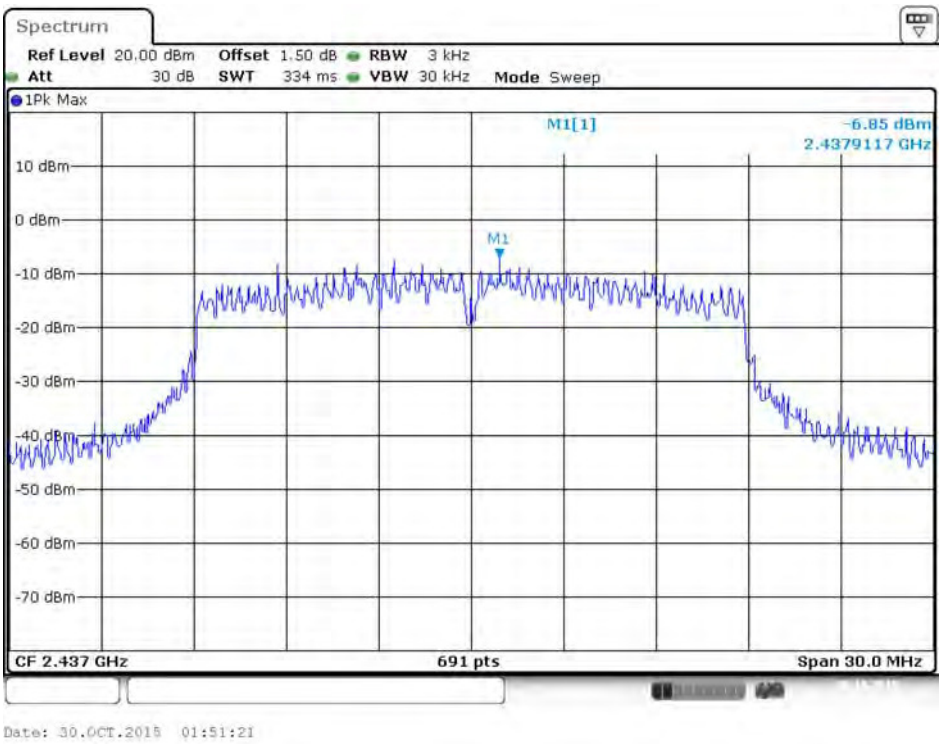
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 3



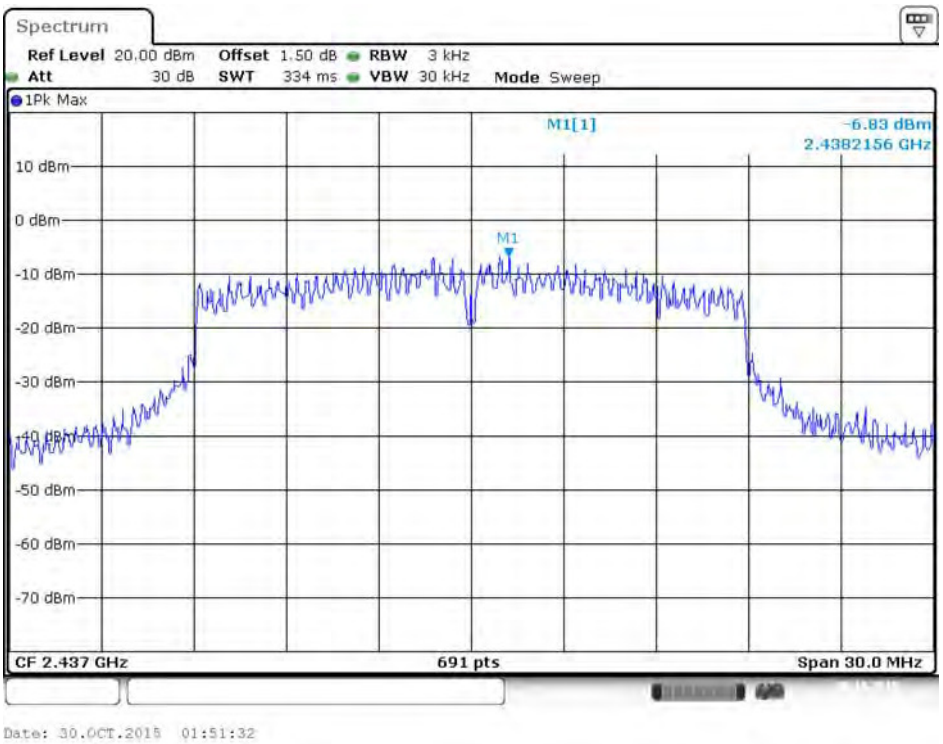
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 4



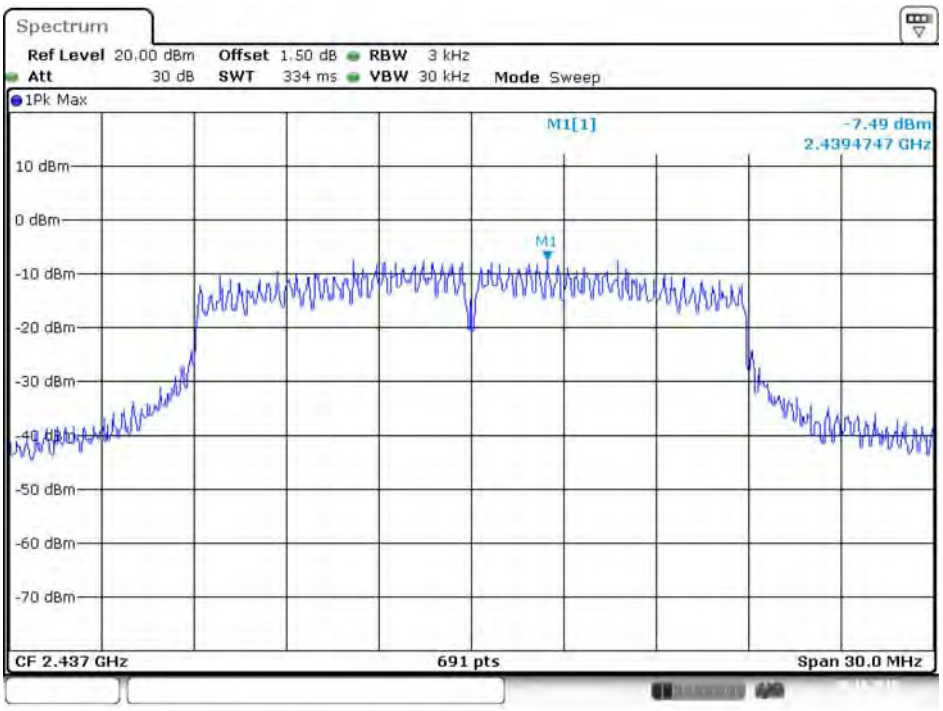
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



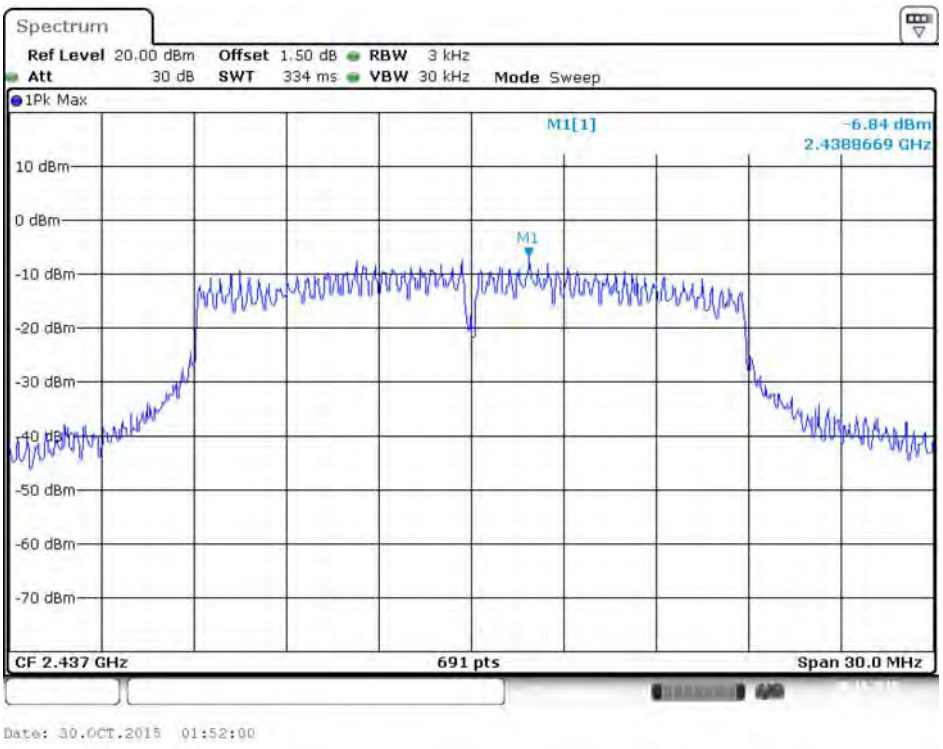
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



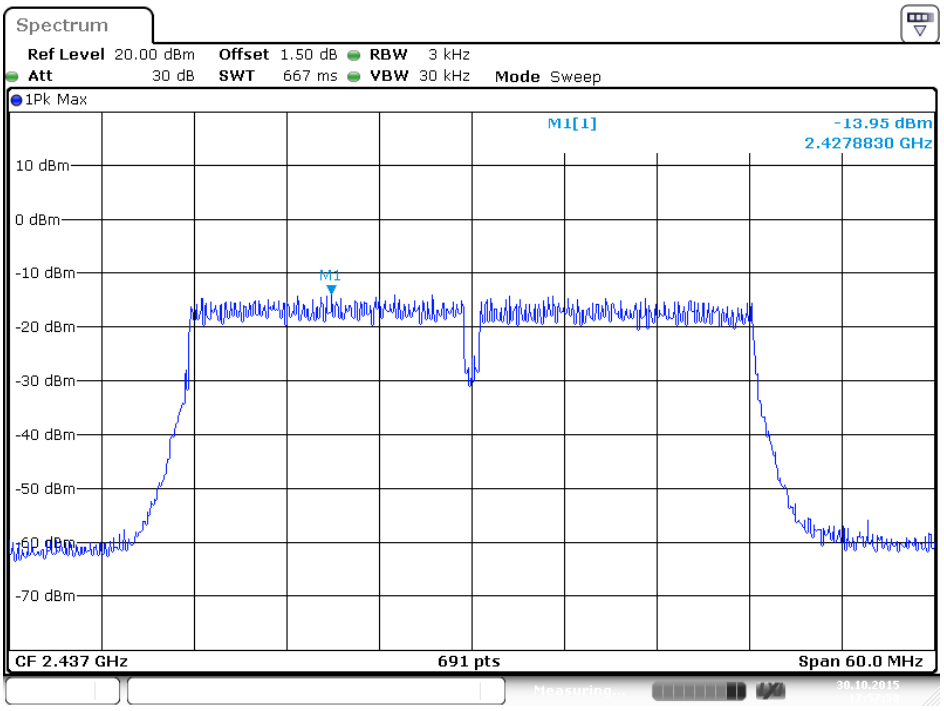
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 4

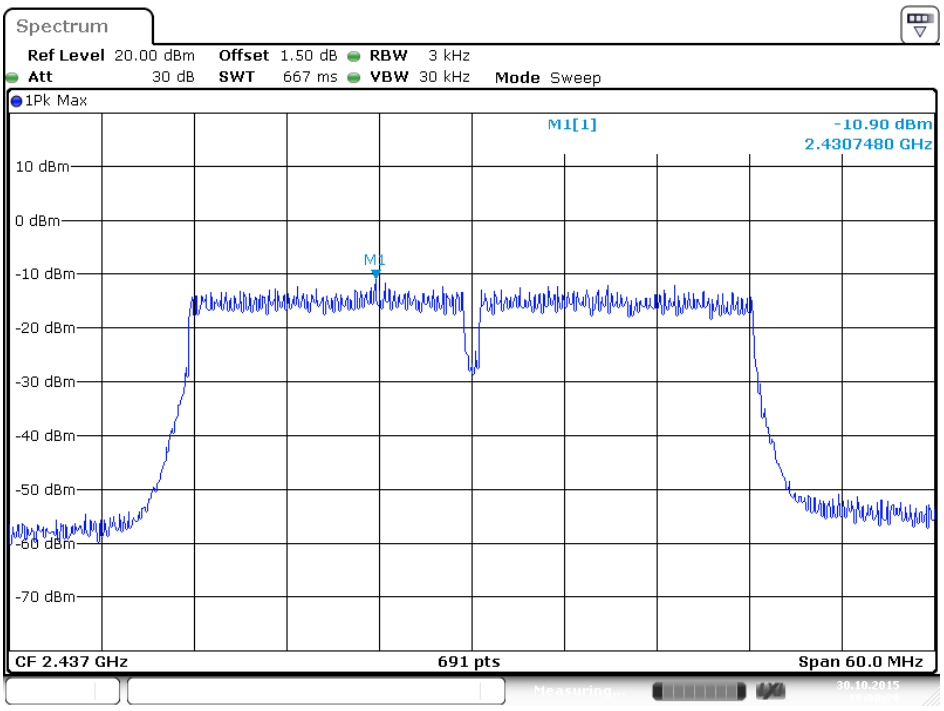


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



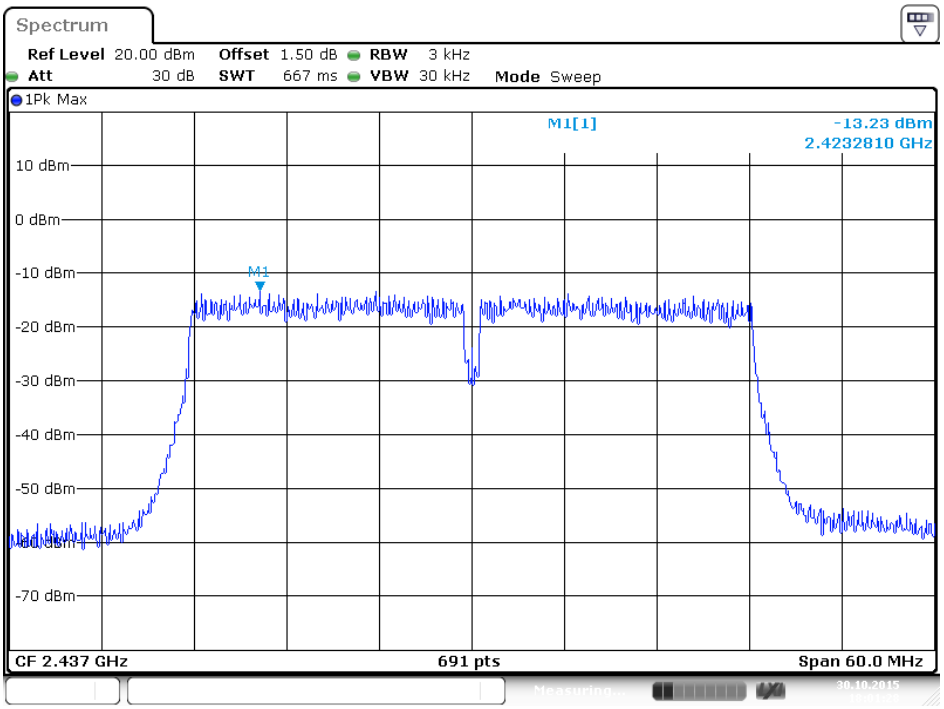
Date: 30.OCT.2015 17:57:50

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



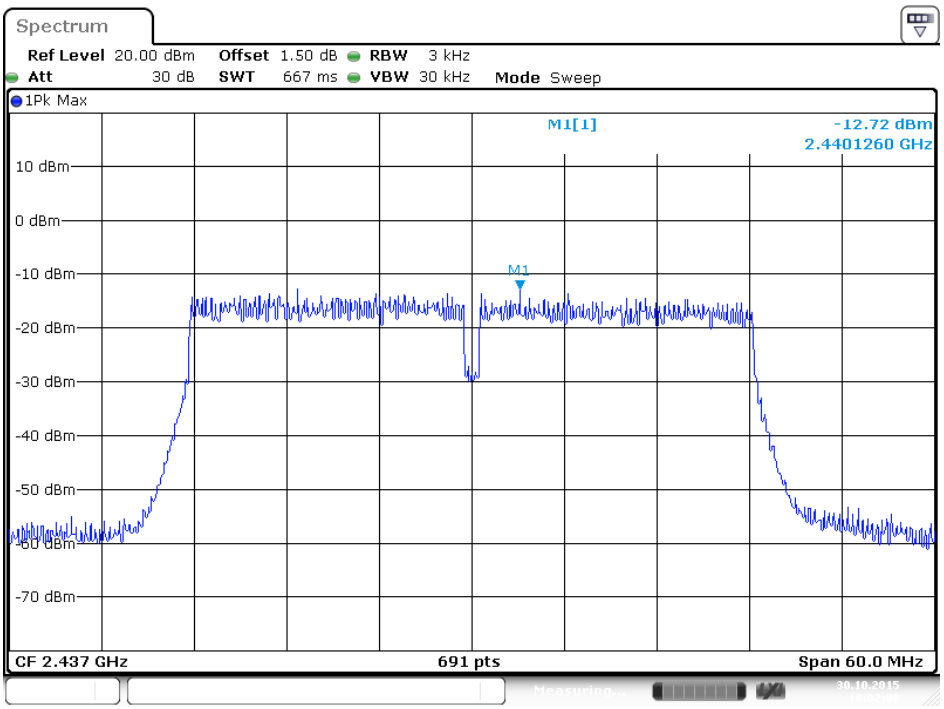
Date: 30.OCT.2015 18:00:29

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



Date: 30.OCT.2015 18:01:28

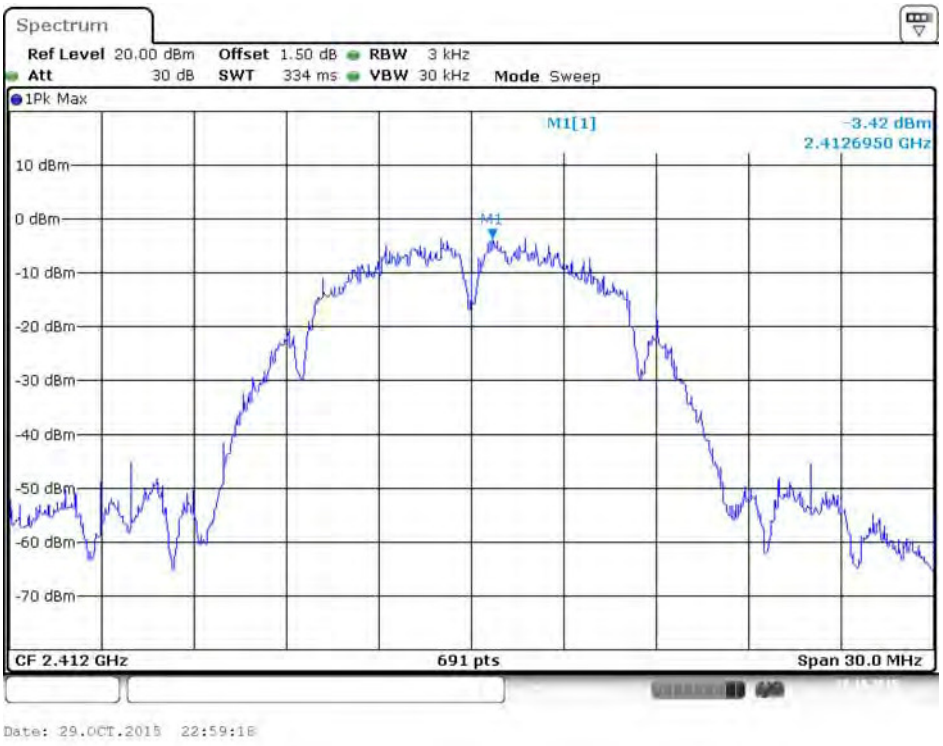
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 4



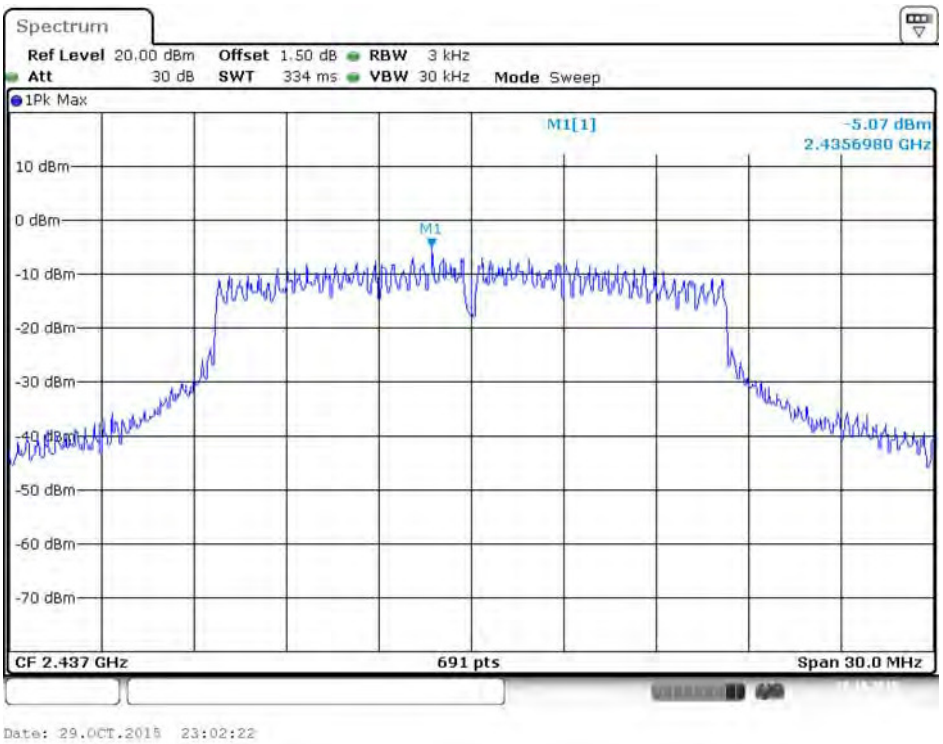
Date: 30.OCT.2015 18:02:09

Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi / 1TX)

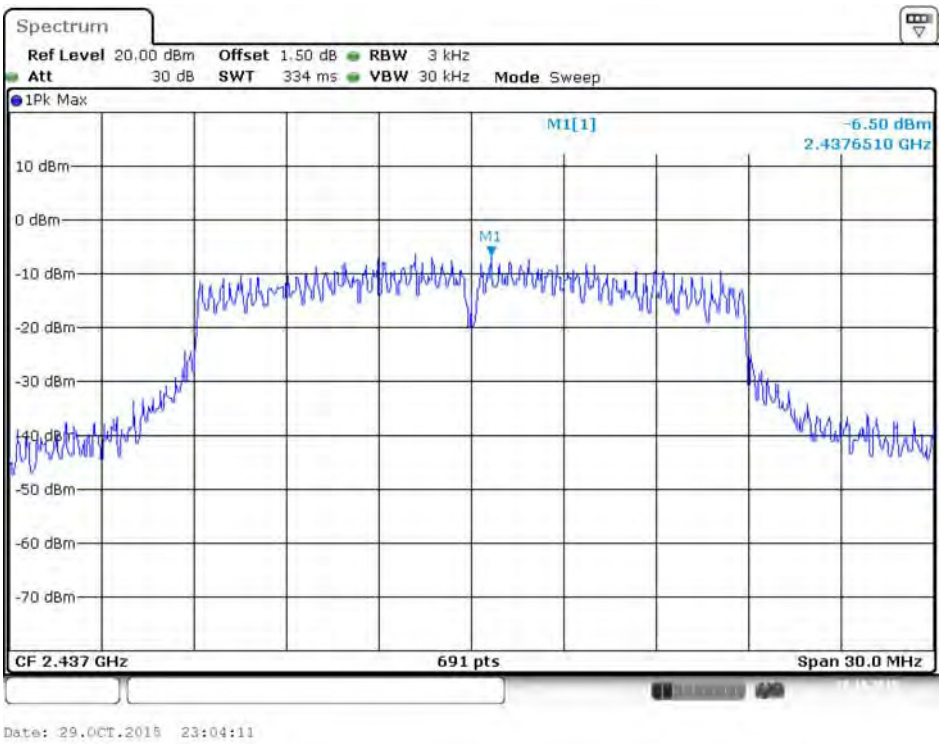
Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 1



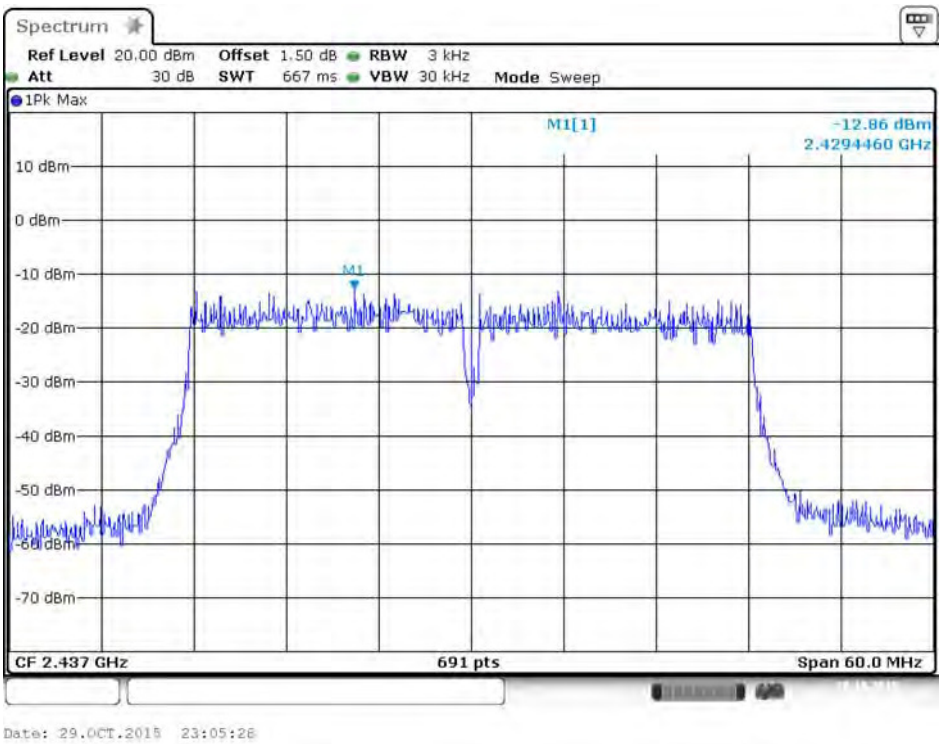
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1

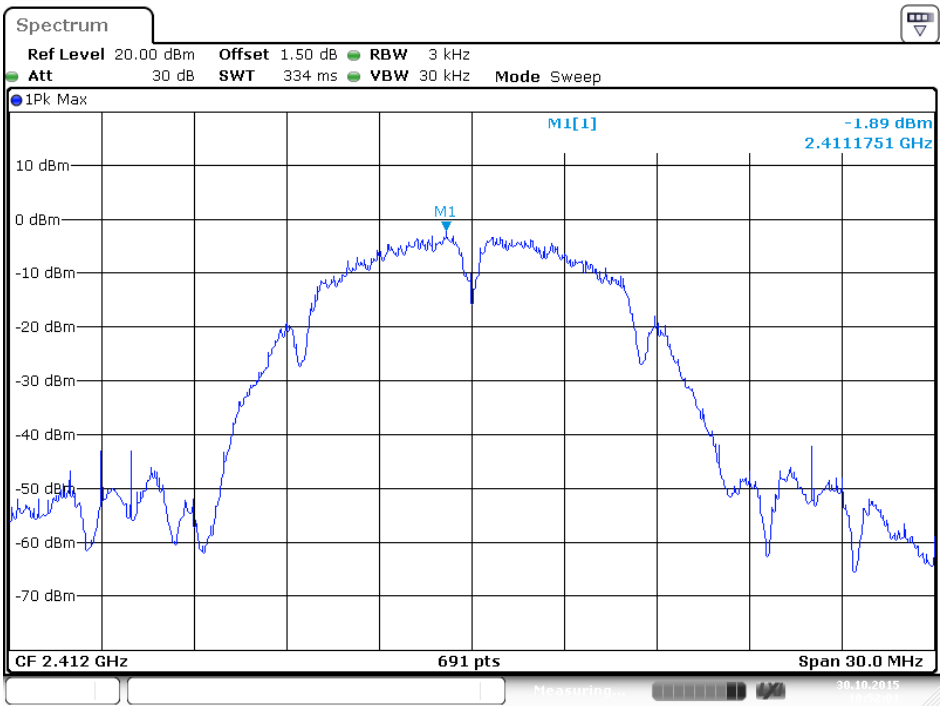


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



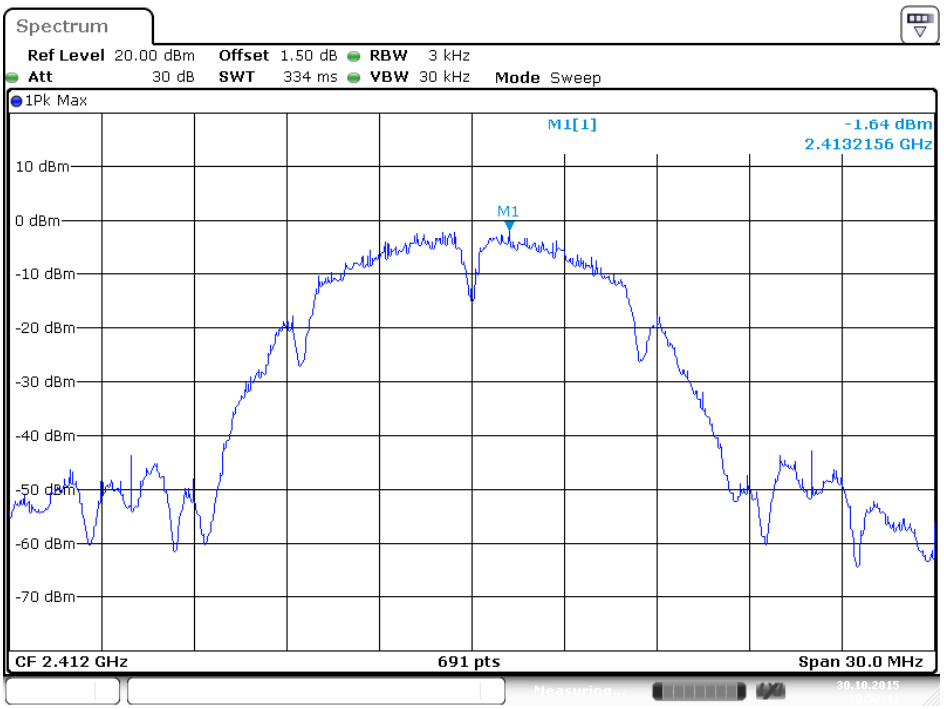
Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi, Chain 3: 3.2dBi / 2TX)

Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 1



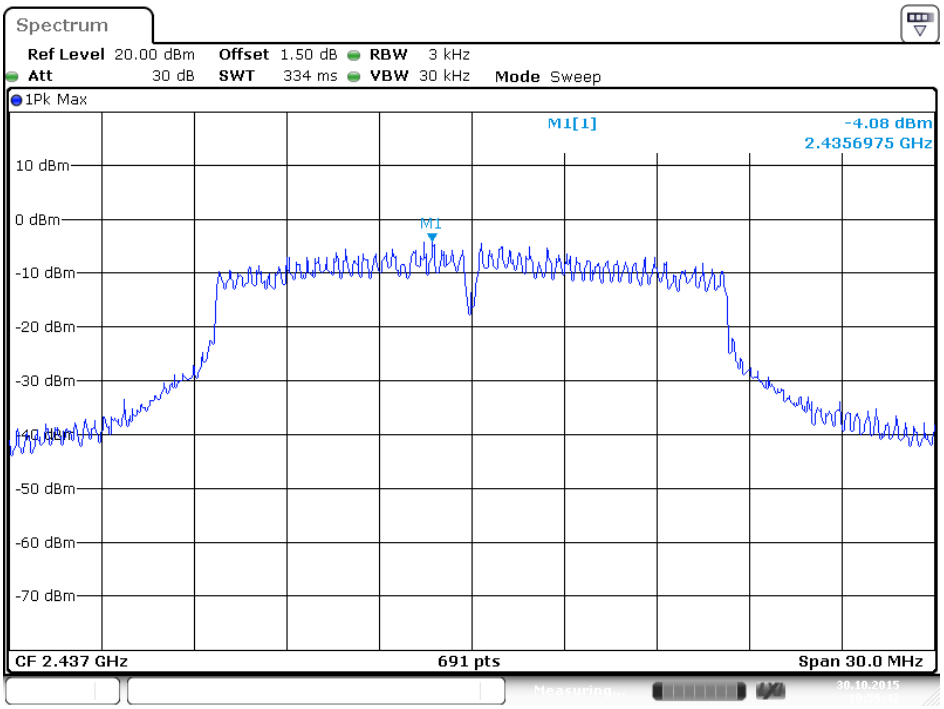
Date: 30.OCT.2015 10:52:01

Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 3



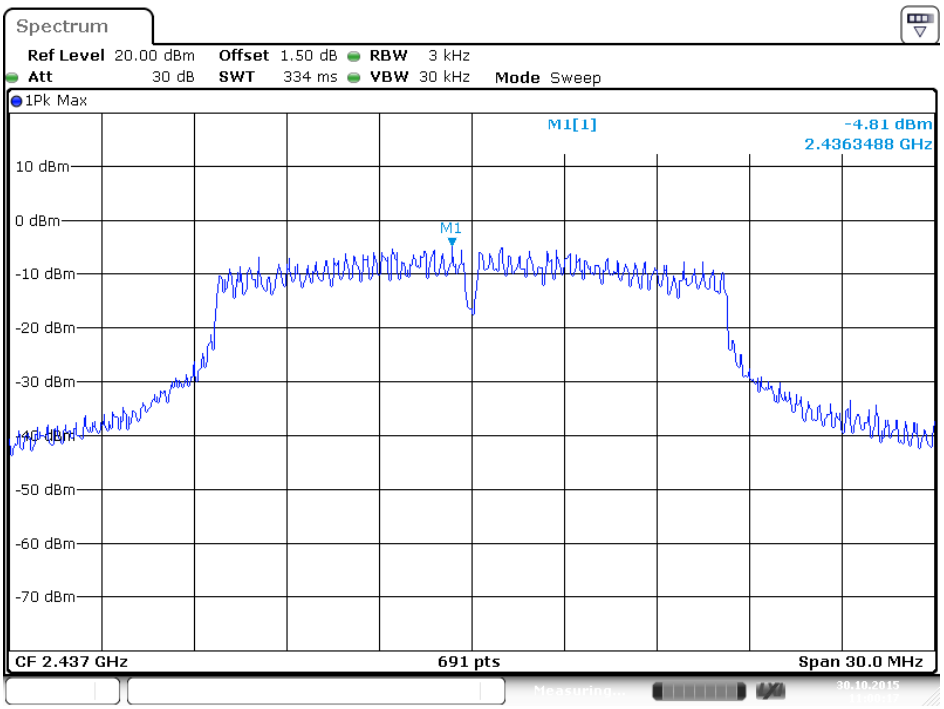
Date: 30.OCT.2015 10:52:41

Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



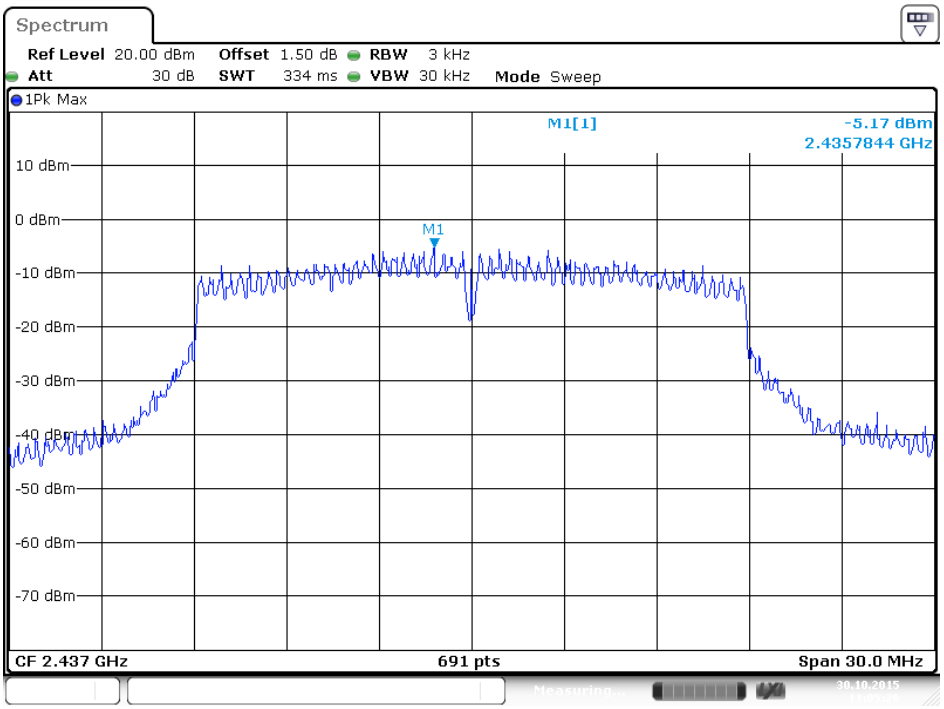
Date: 30.OCT.2015 10:59:42

Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 3



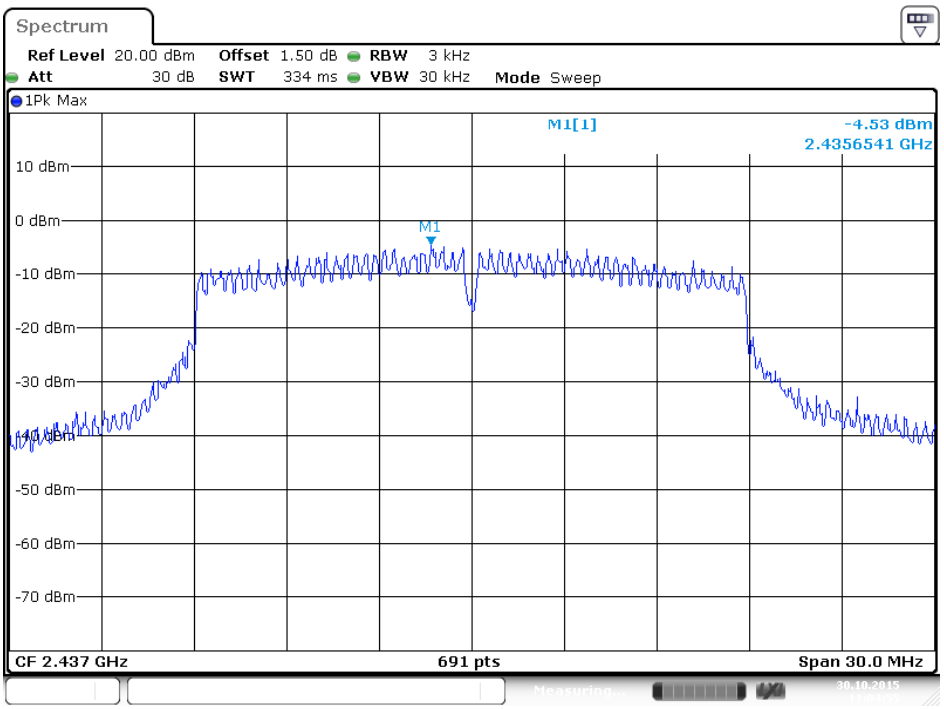
Date: 30.OCT.2015 11:00:17

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



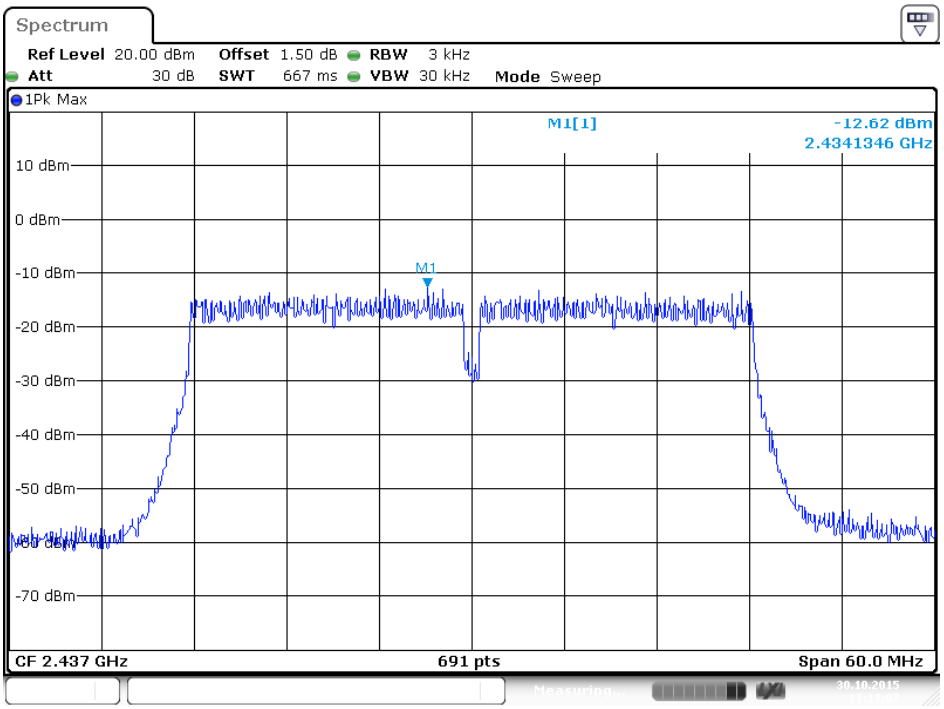
Date: 30.OCT.2015 11:05:26

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



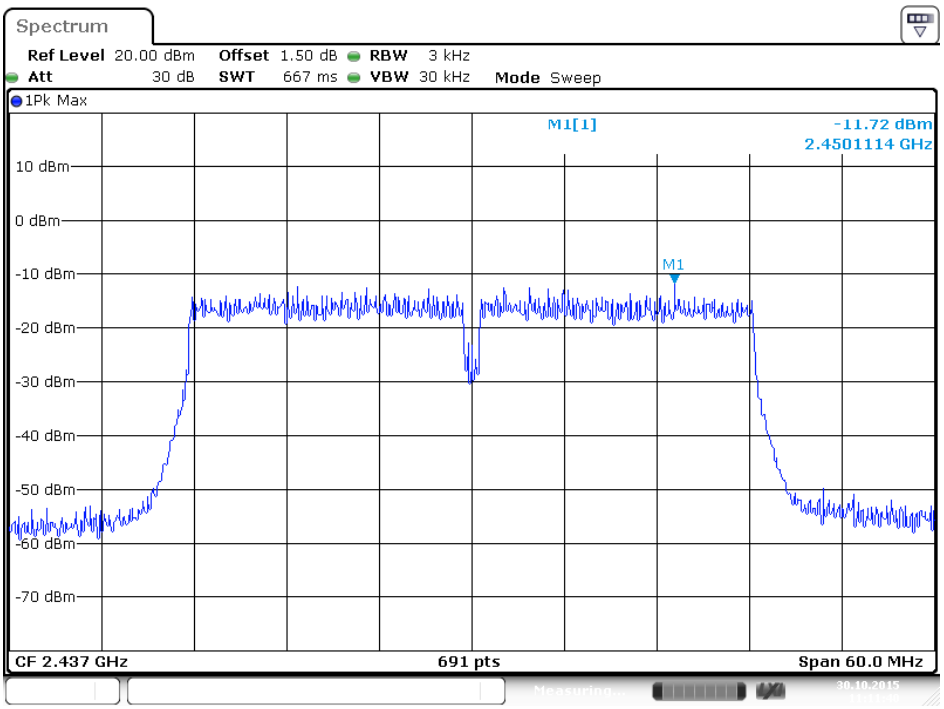
Date: 30.OCT.2015 11:04:55

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



Date: 30.OCT.2015 11:11:07

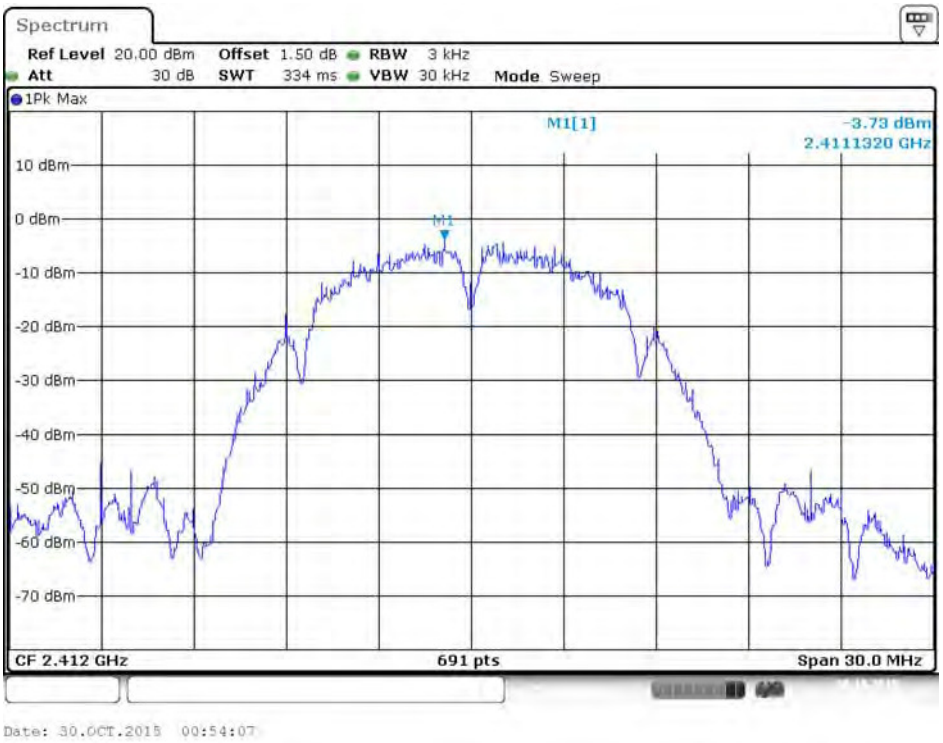
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



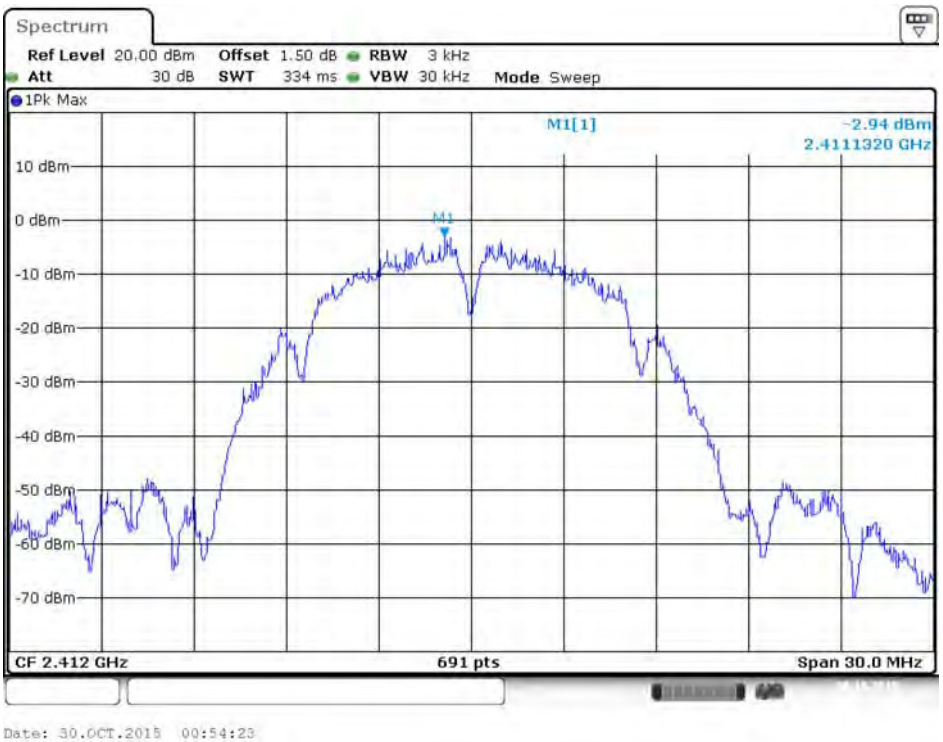
Date: 30.OCT.2015 11:11:40

Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi, Chain 2: 3.7dBi , Chain 3: 3.2dBi / 3TX)

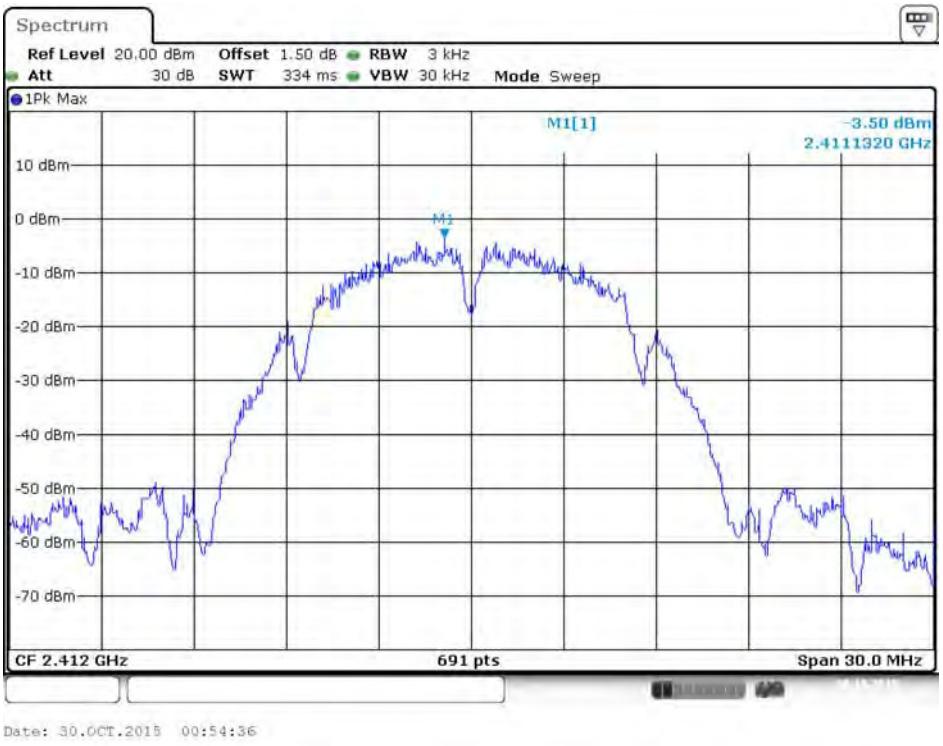
Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 1



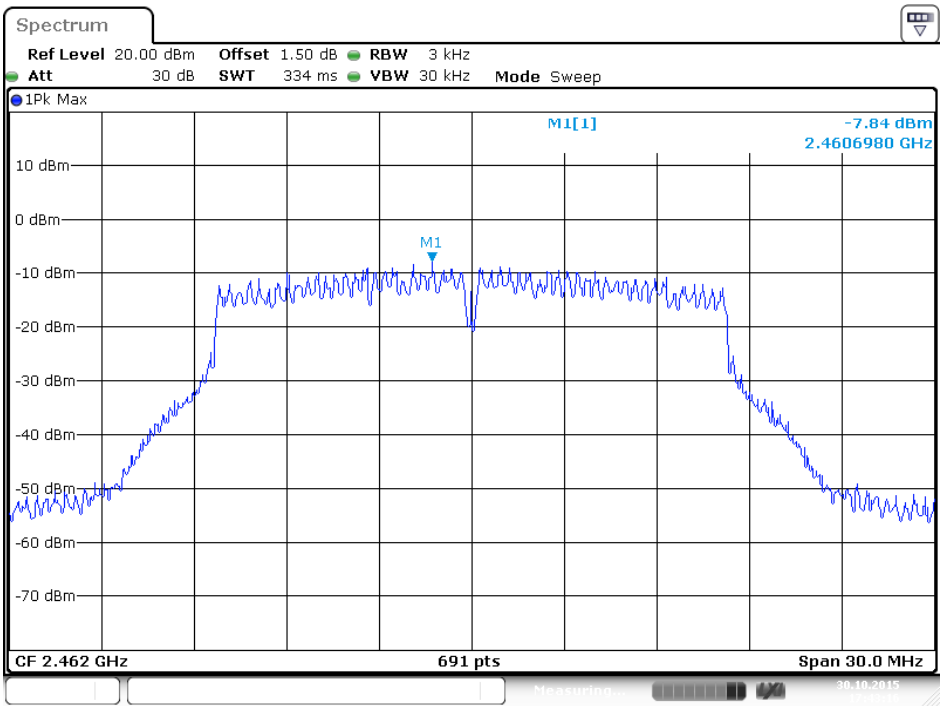
Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 3

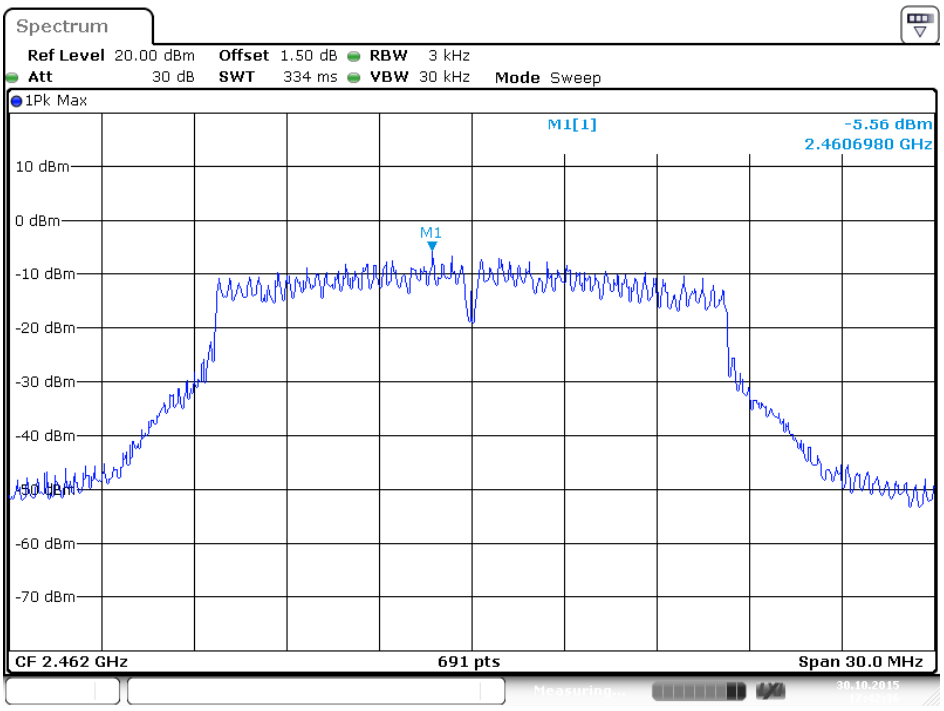


Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 1



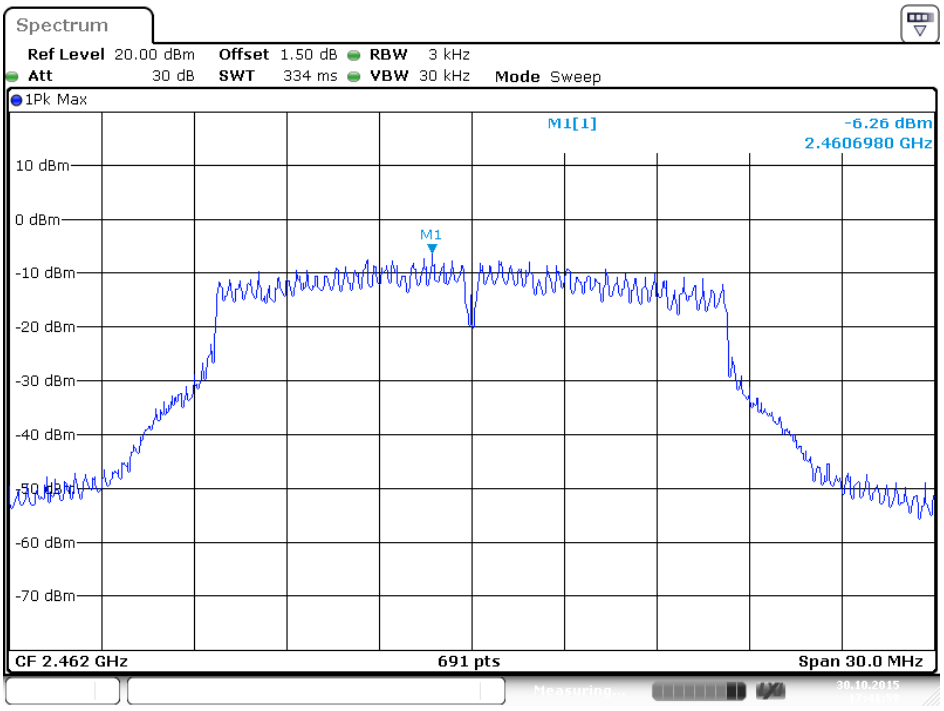
Date: 30.OCT.2015 17:43:16

Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 2

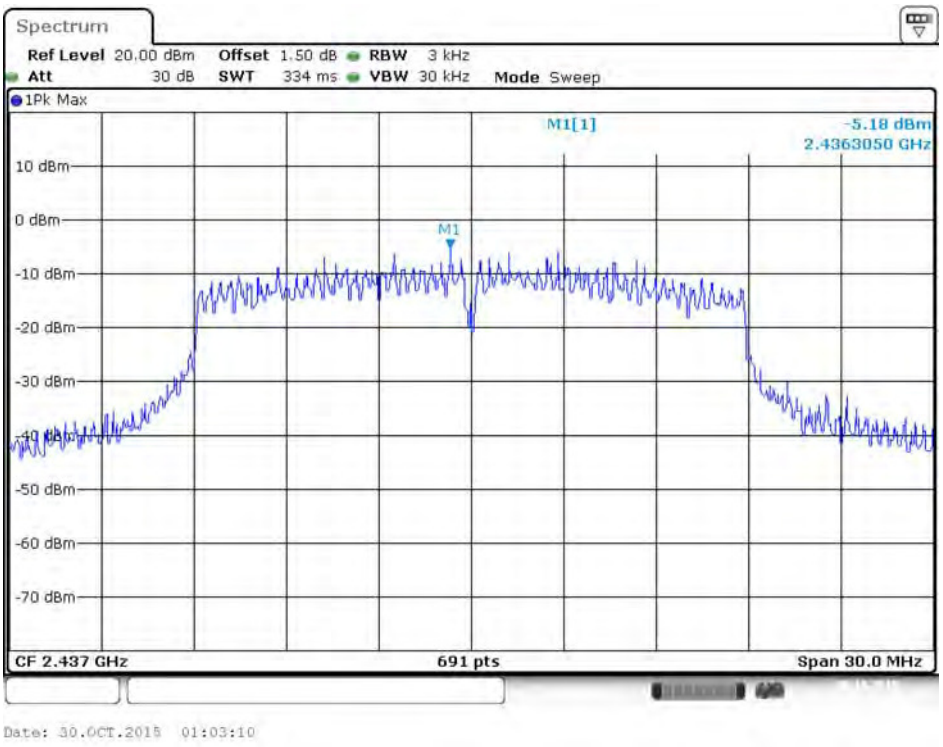


Date: 30.OCT.2015 17:42:36

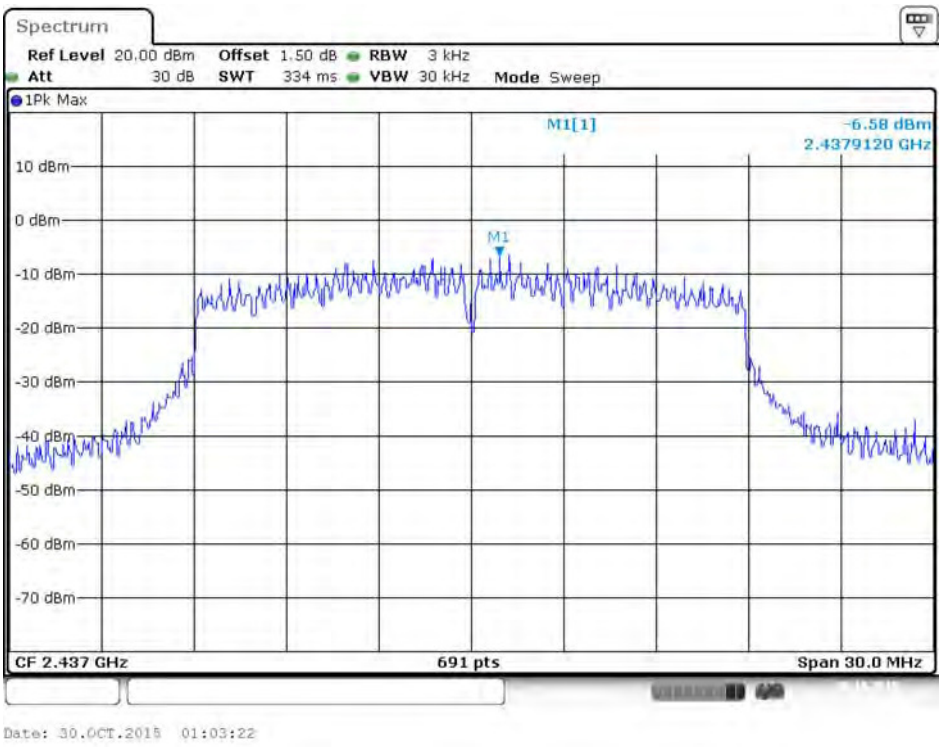
Power Density Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 3



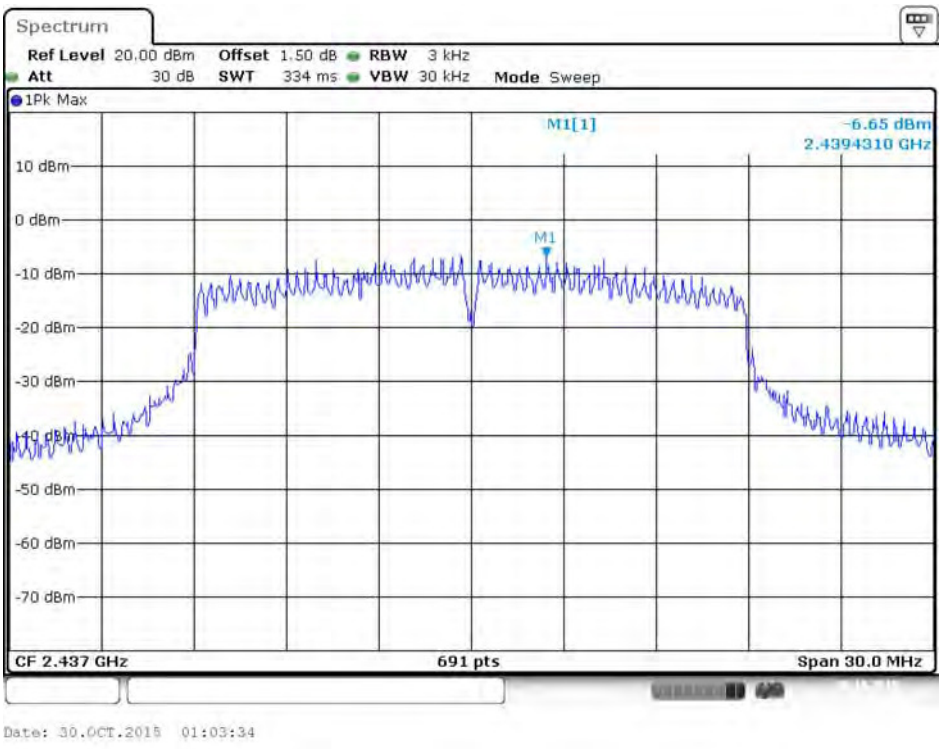
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



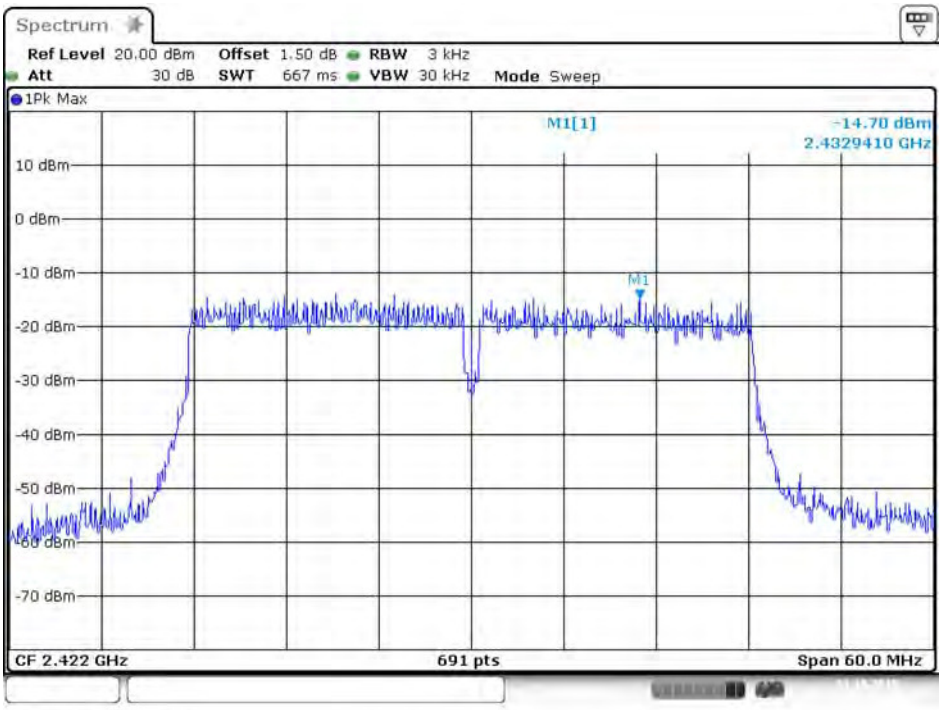
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3

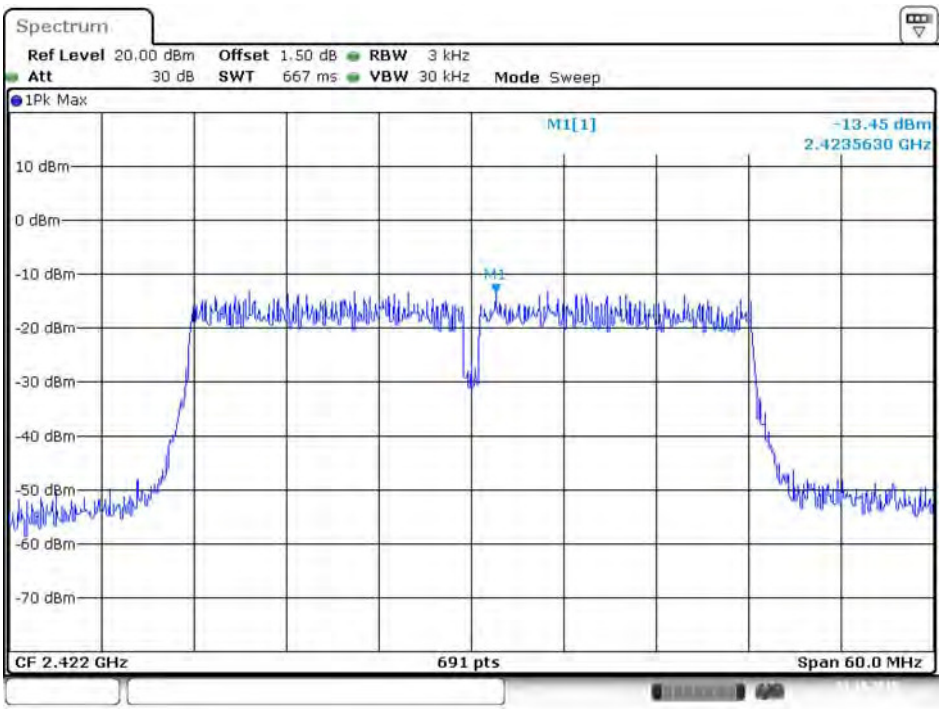


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 1



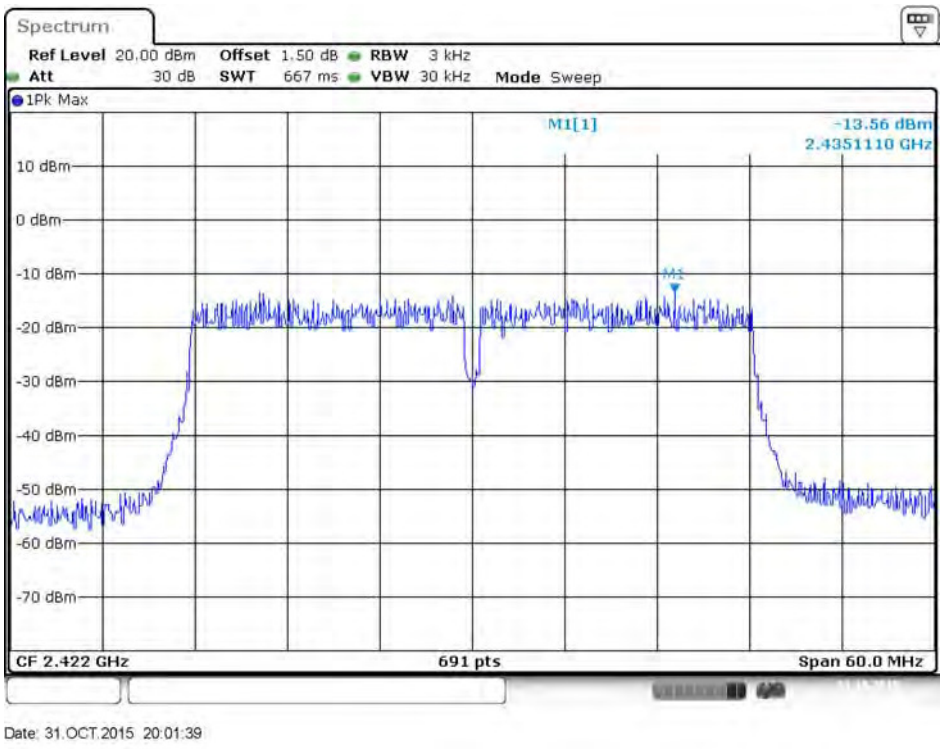
Date: 31.OCT.2015 20:01:14

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 2



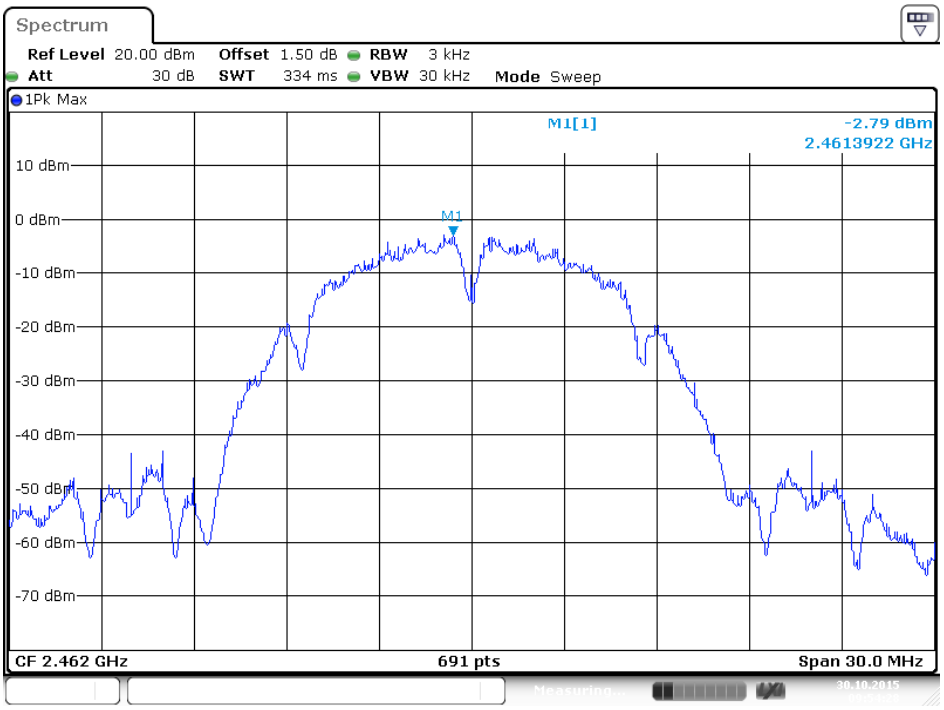
Date: 31.OCT.2015 20:01:26

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 3



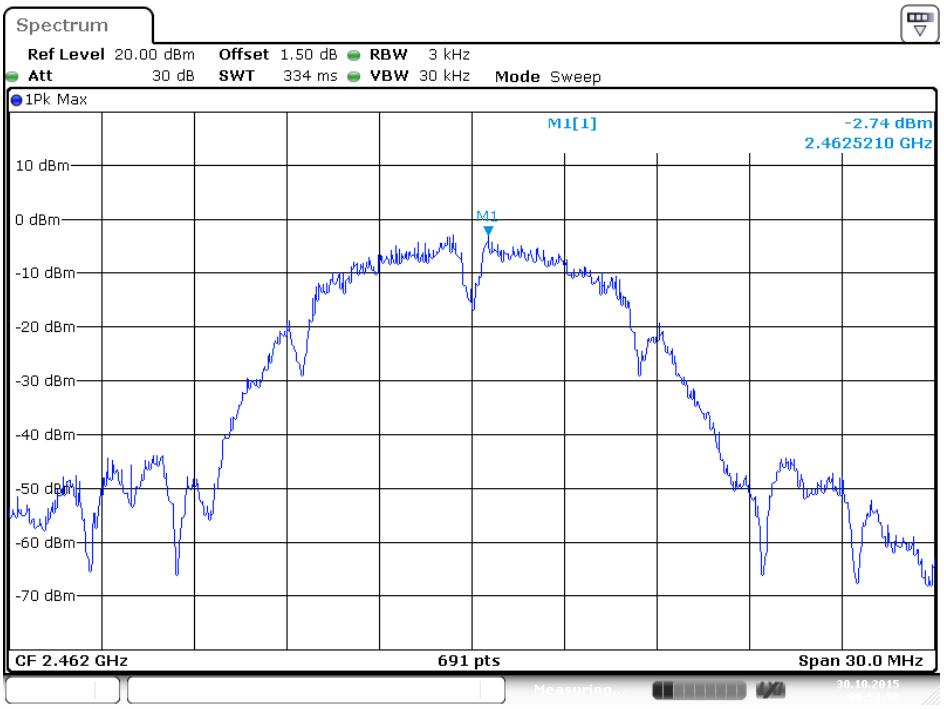
Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi, Chain 2: 3.7dBi , Chain 3: 3.2dBi , Chain 4: 4.5dBi / 4TX)

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1



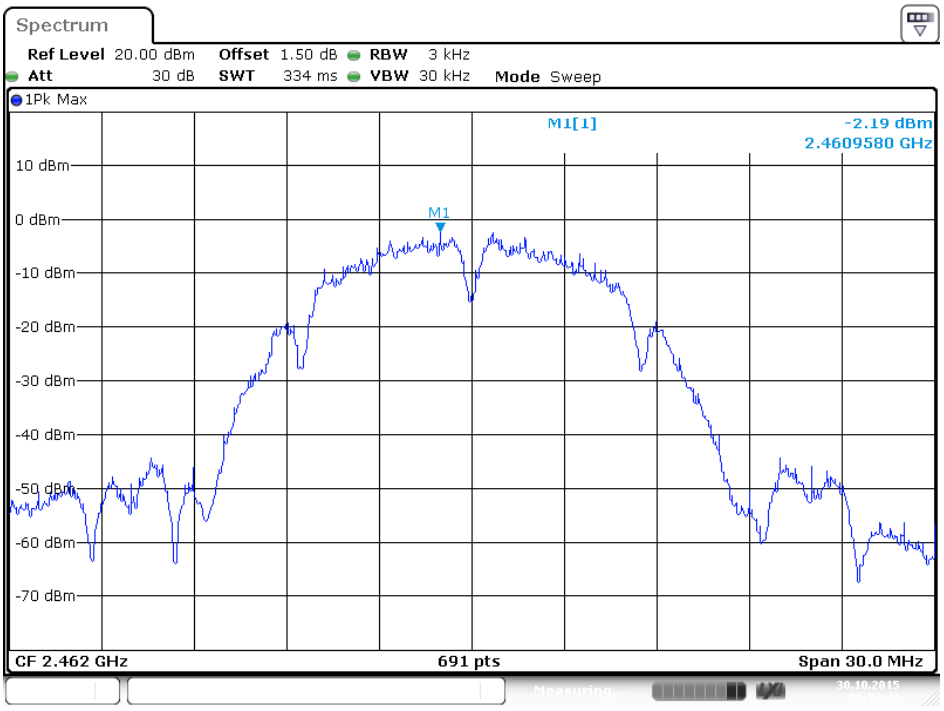
Date: 30.OCT.2015 09:54:28

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 2



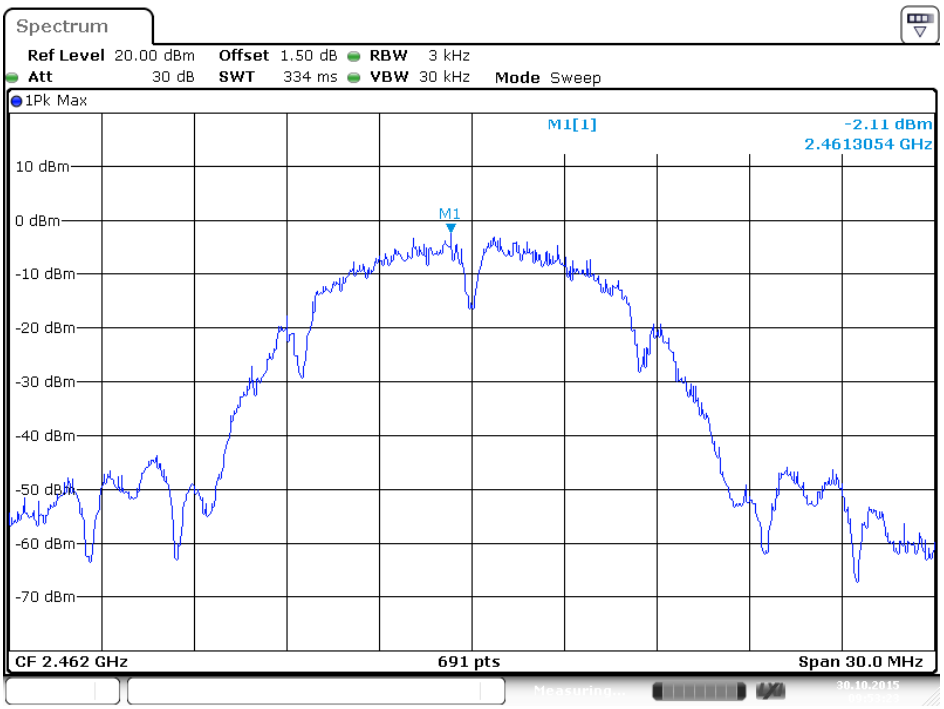
Date: 30.OCT.2015 09:53:50

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 3



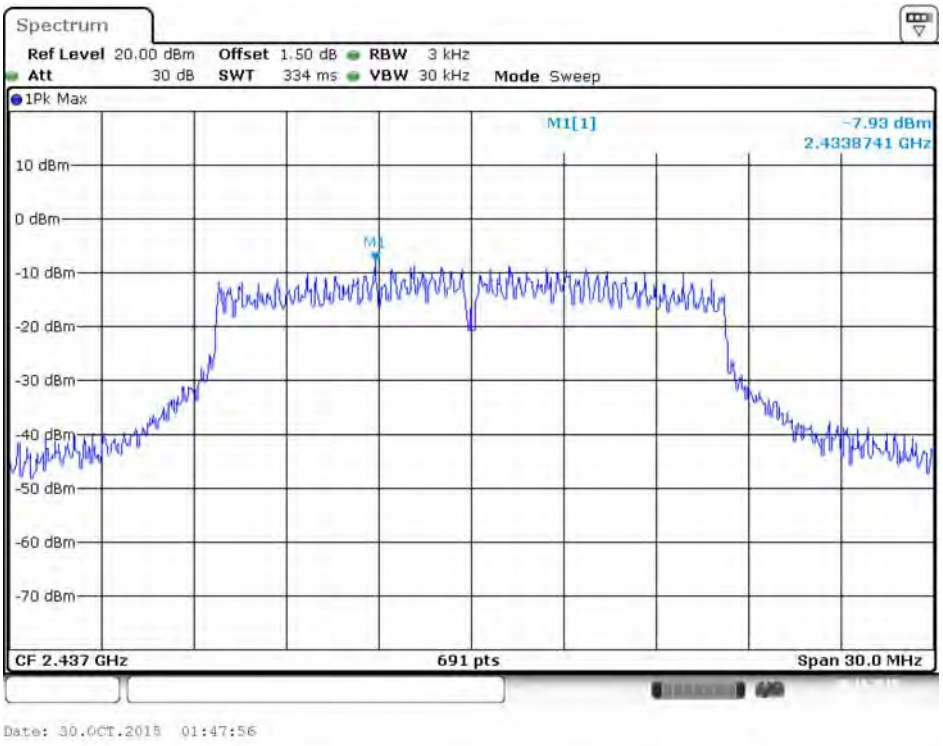
Date: 30.OCT.2015 09:52:42

Power Density Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 4

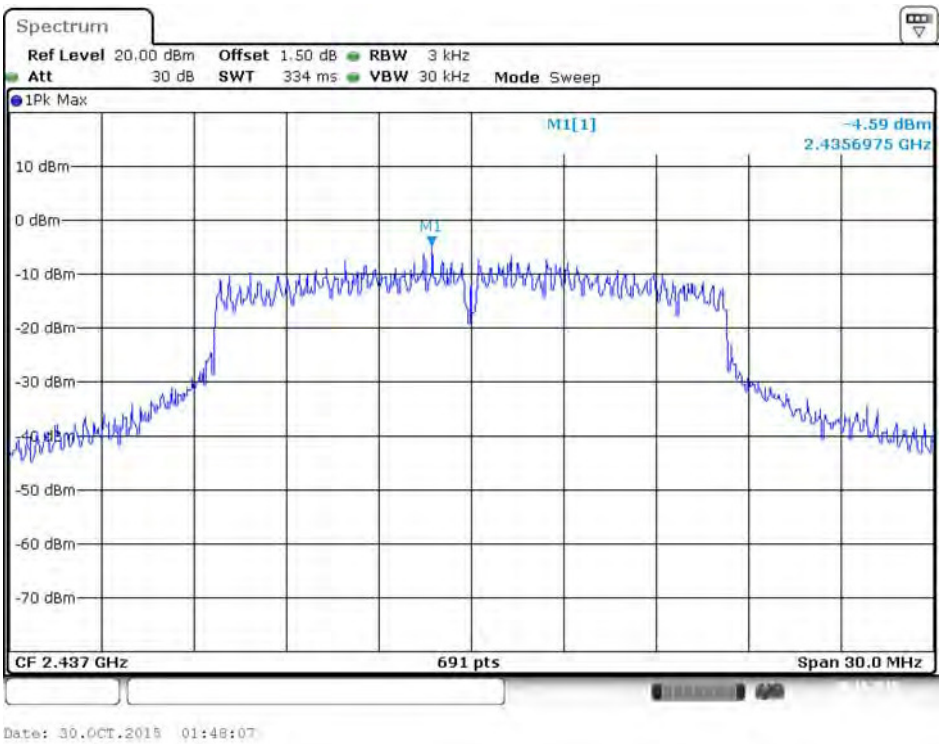


Date: 30.OCT.2015 09:53:22

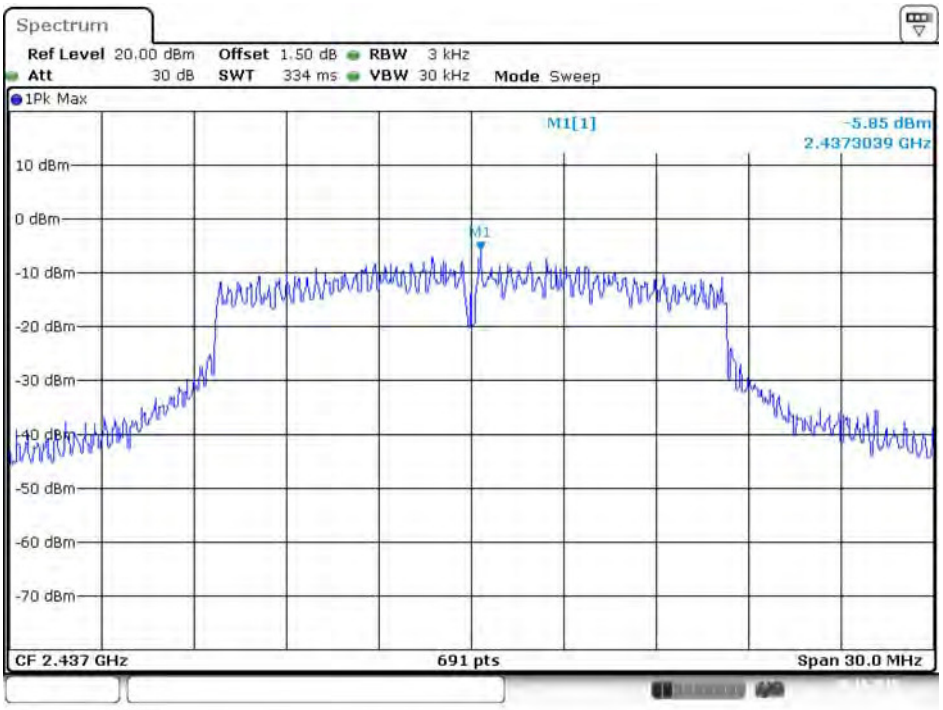
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



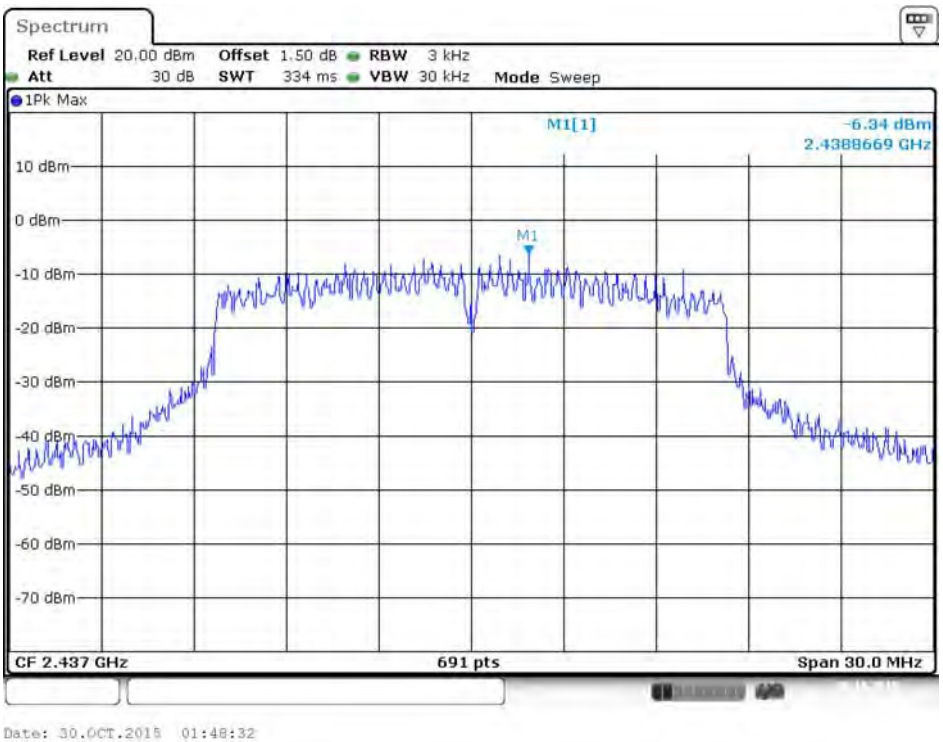
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 2



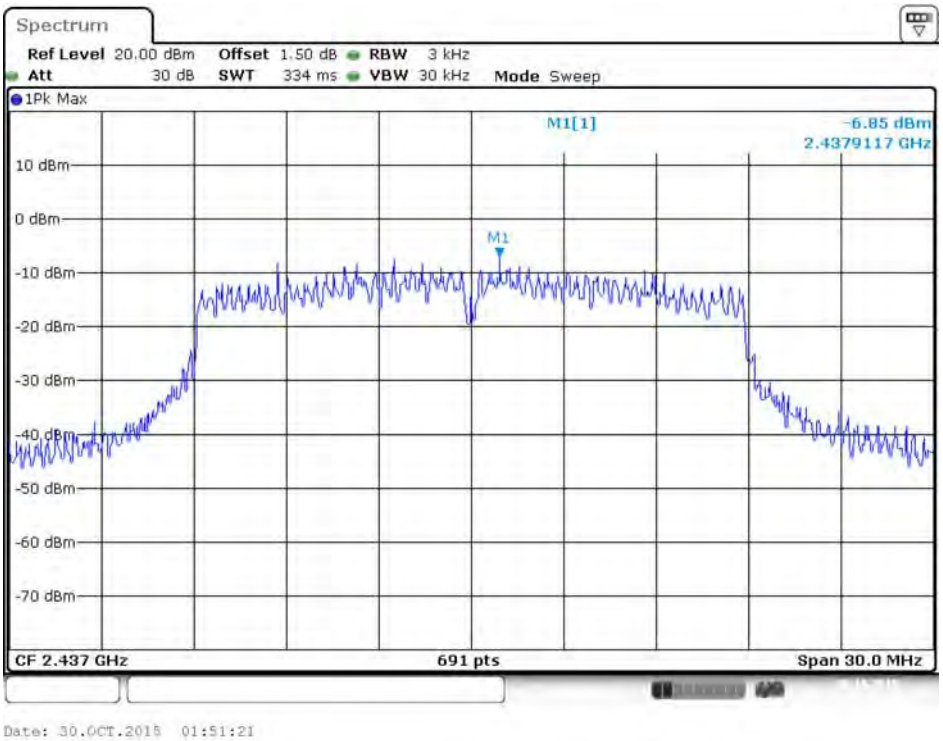
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 3



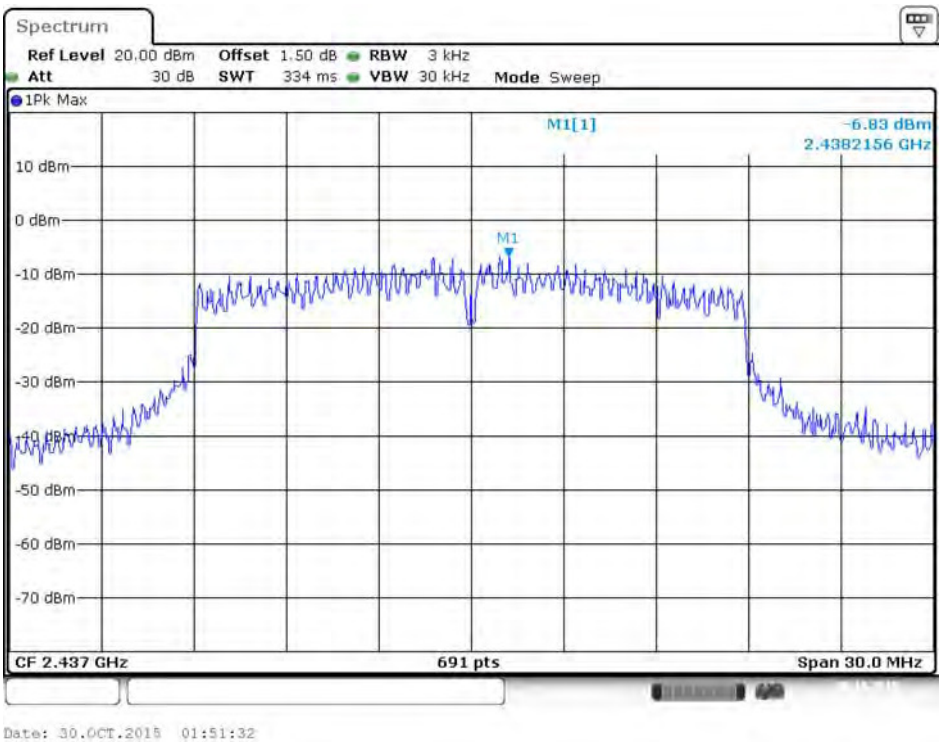
Power Density Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 4



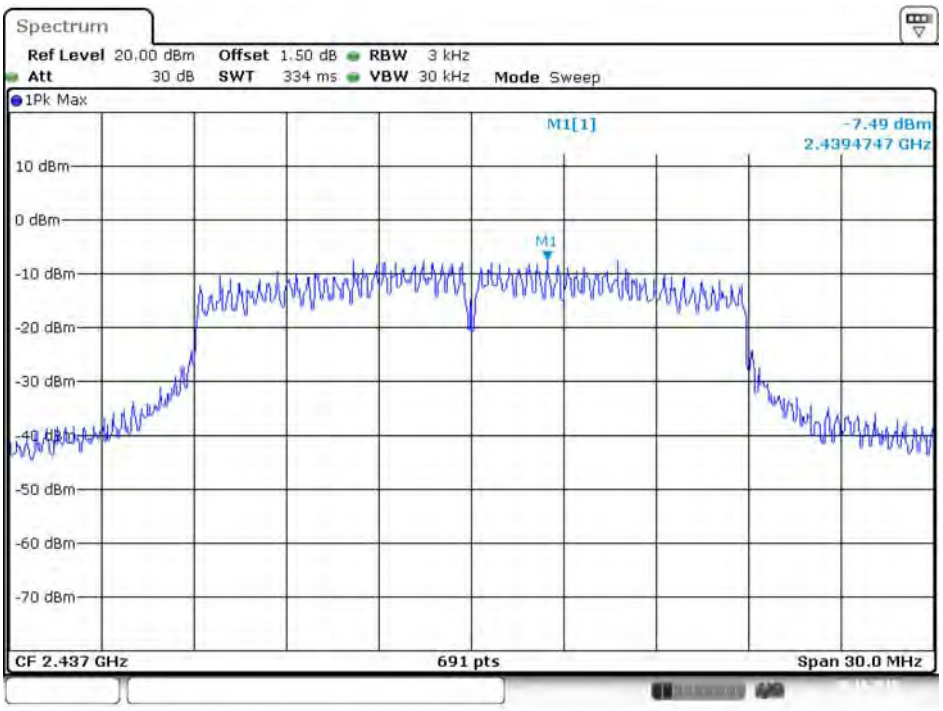
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



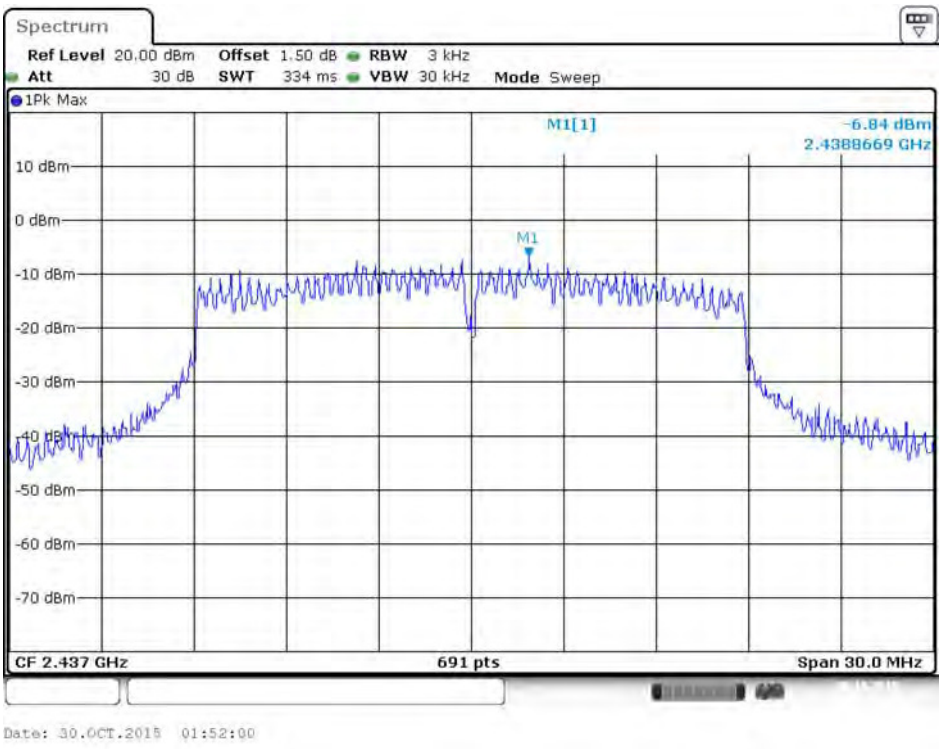
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



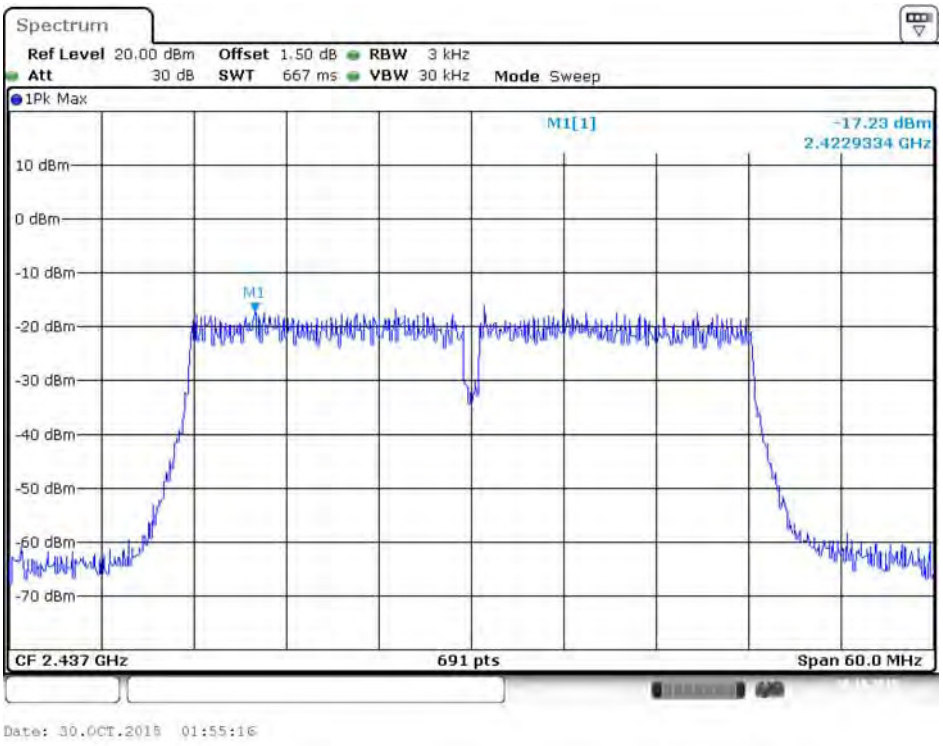
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



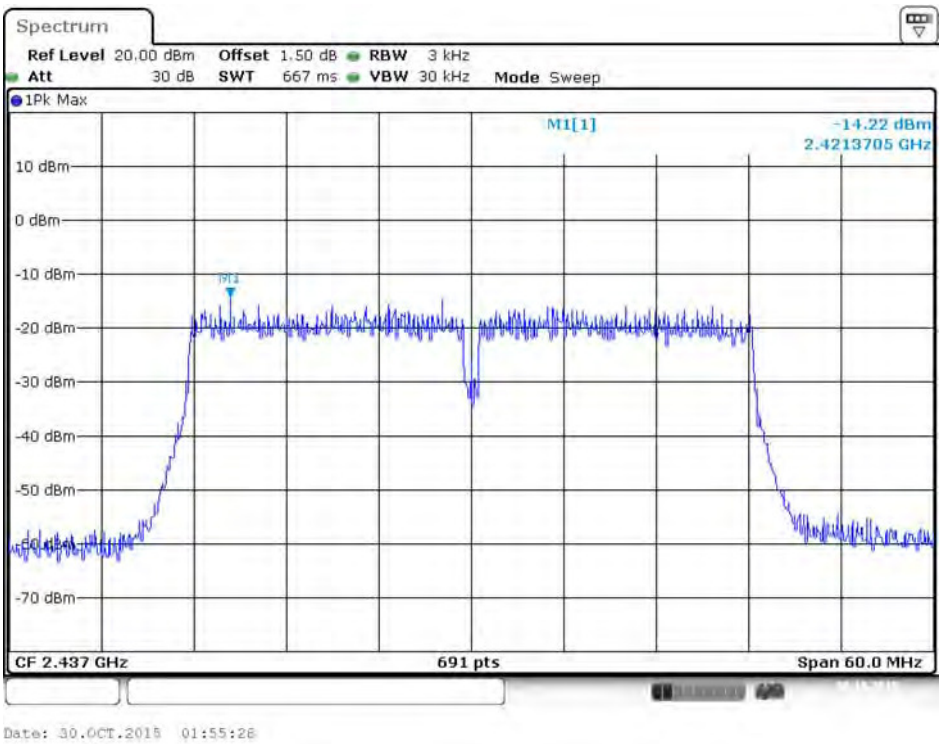
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 4



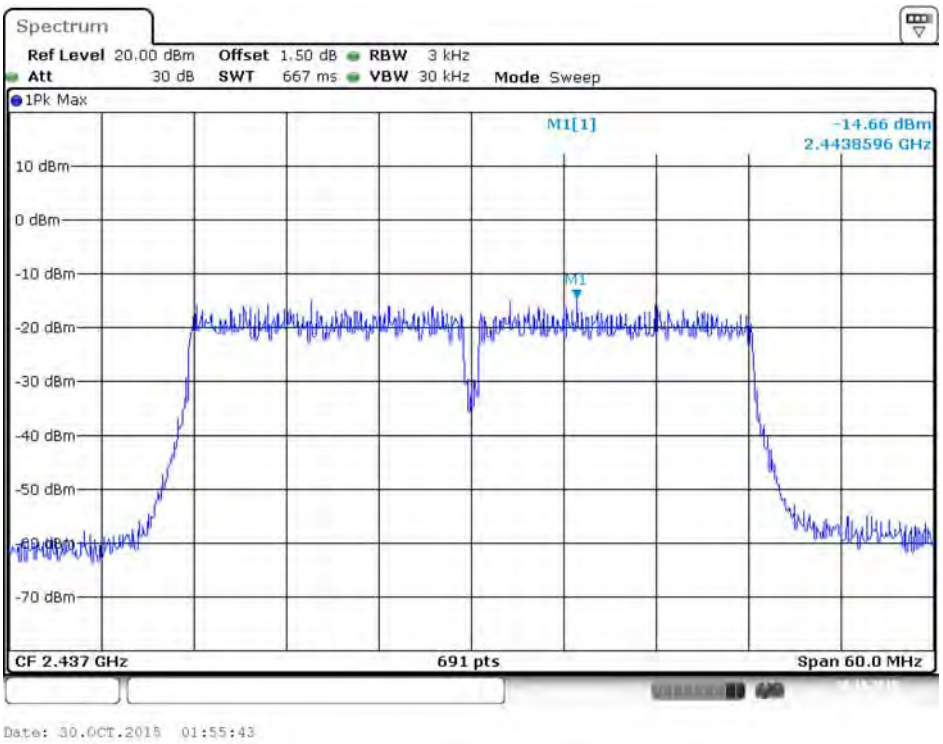
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



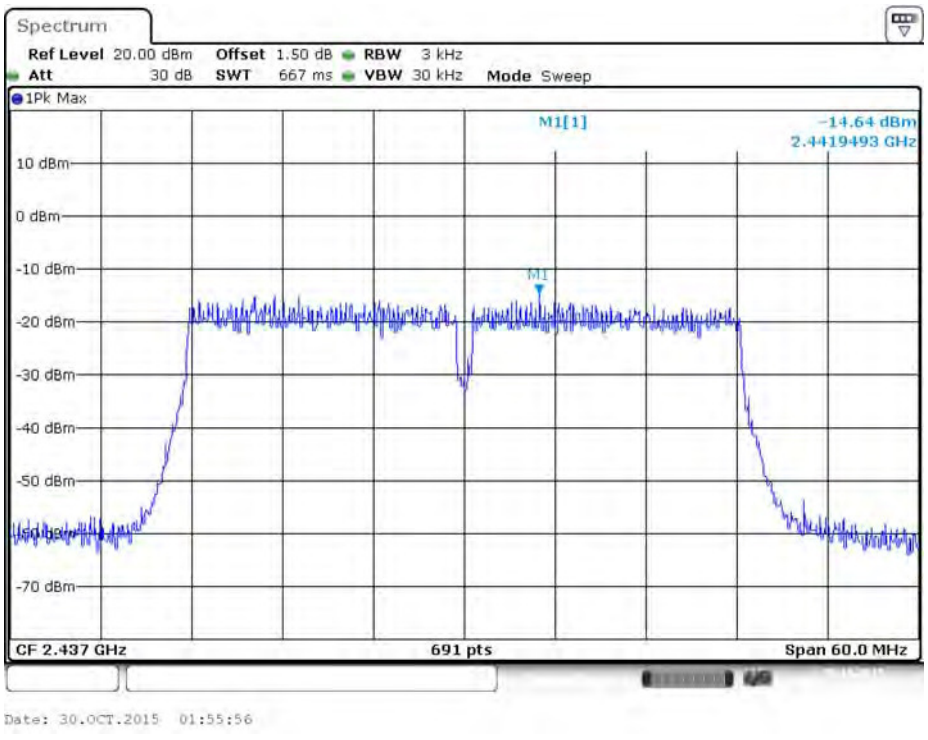
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



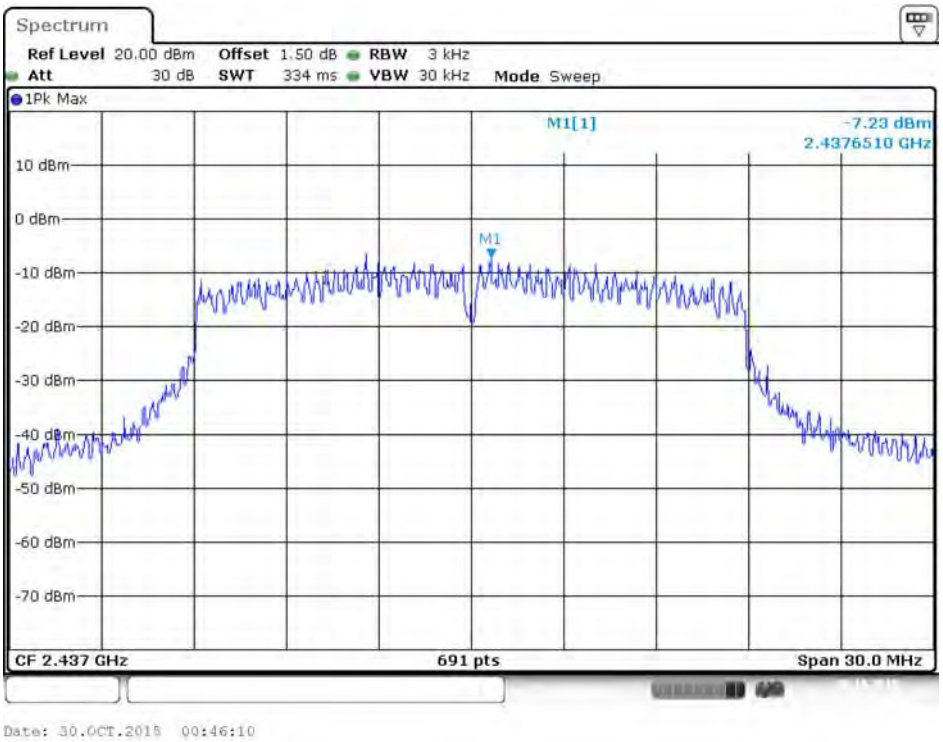
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 4



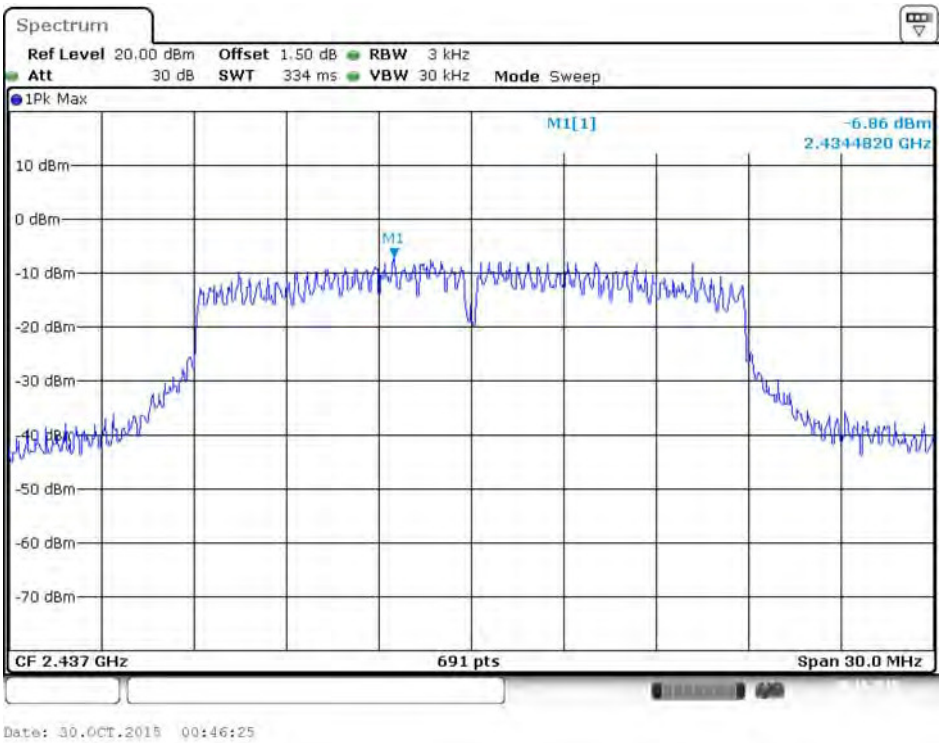
For Beamforming Mode

Mode 1 (Set 3 Dipole antenna / 3.83dBi / 2TX)

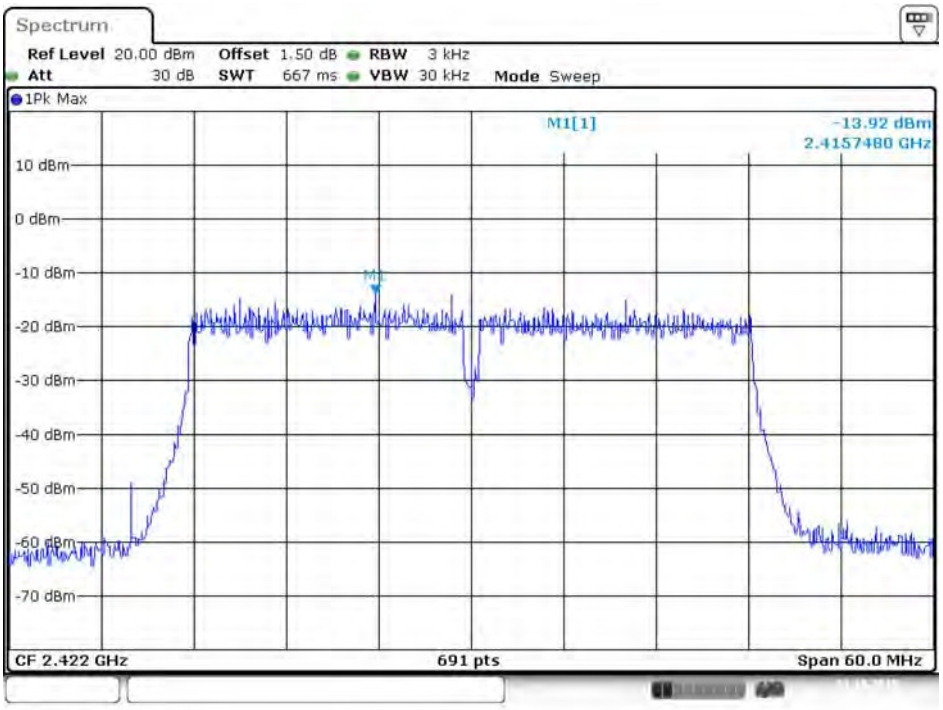
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2

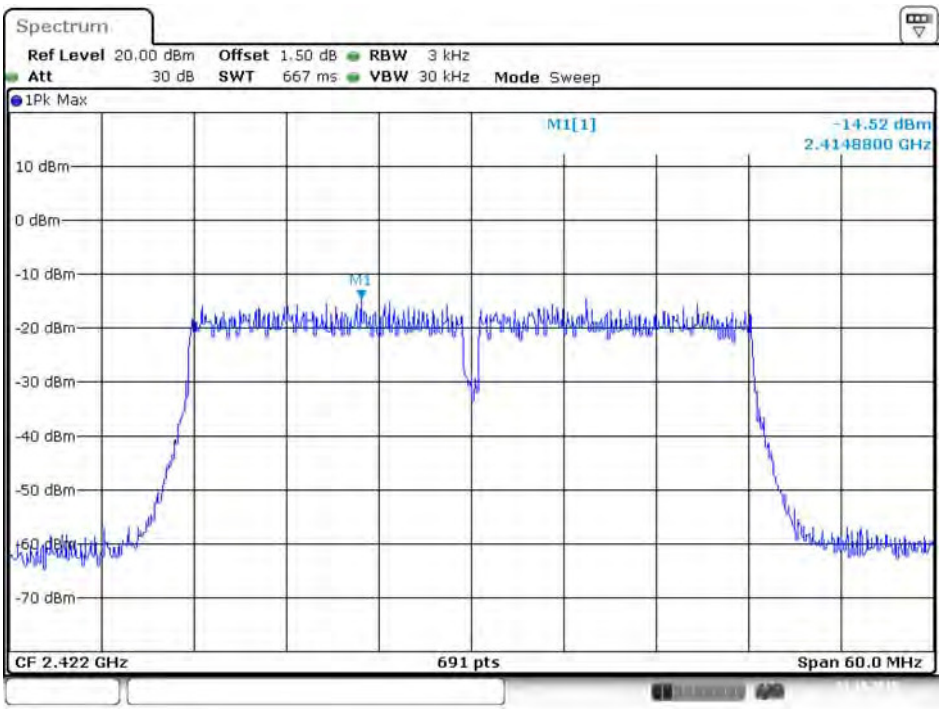


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 1



Date: 31.OCT.2015 22:31:16

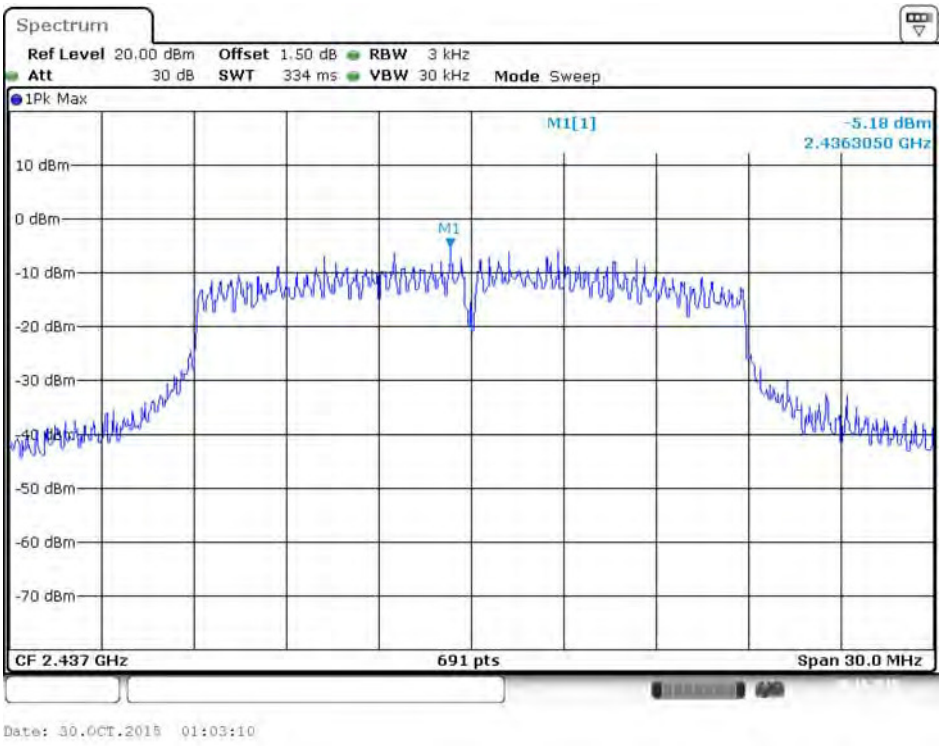
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 2



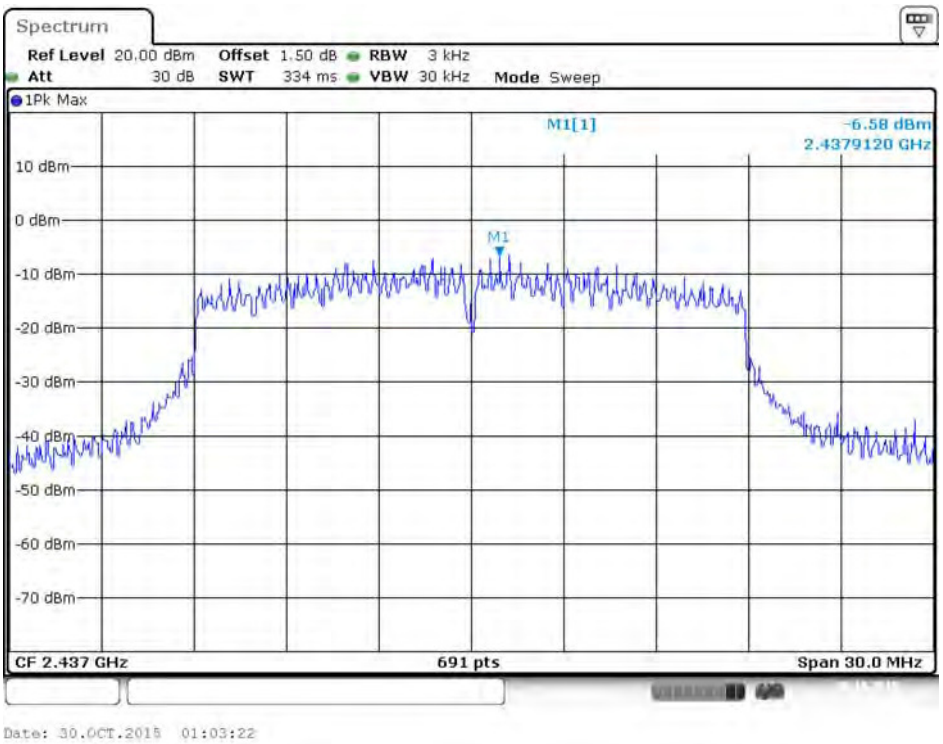
Date: 31.OCT.2015 22:31:27

Mode 1 (Set 3 Dipole antenna / 3.83dBi / 3TX)

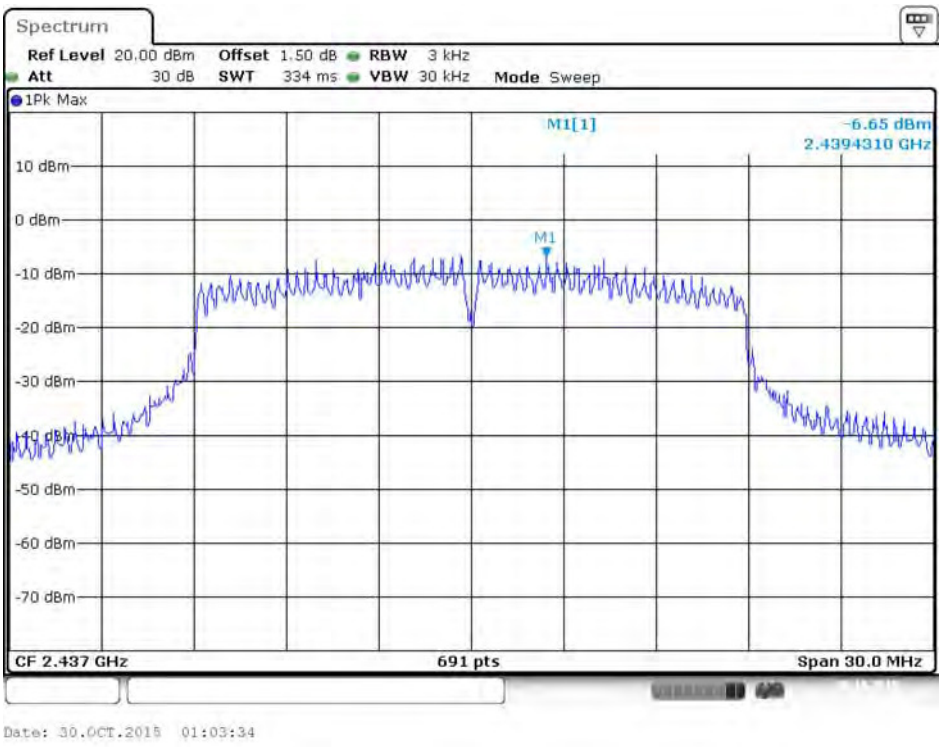
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



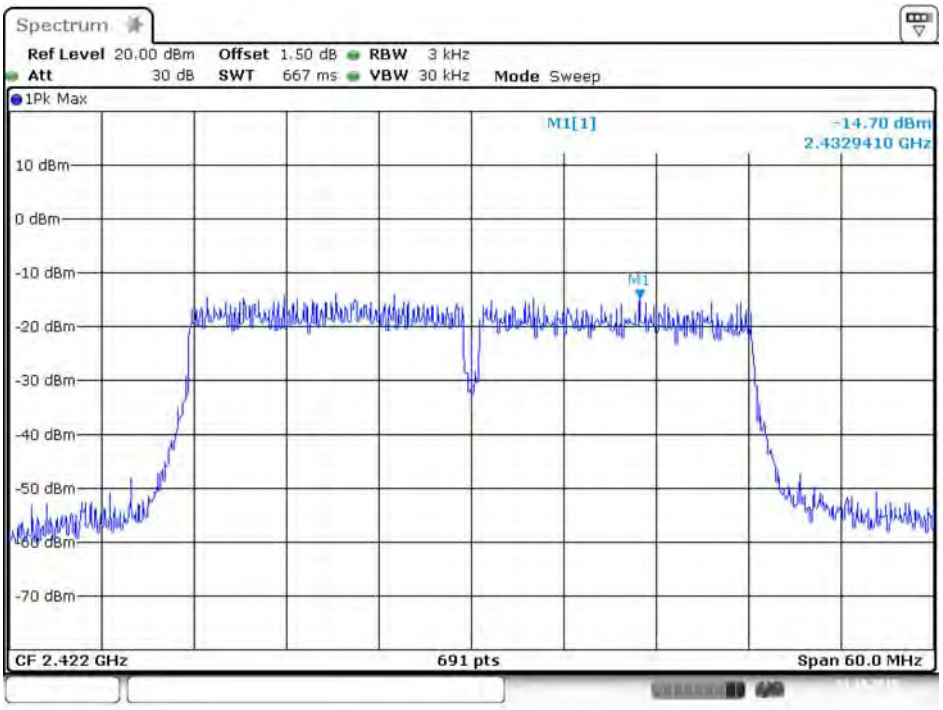
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3

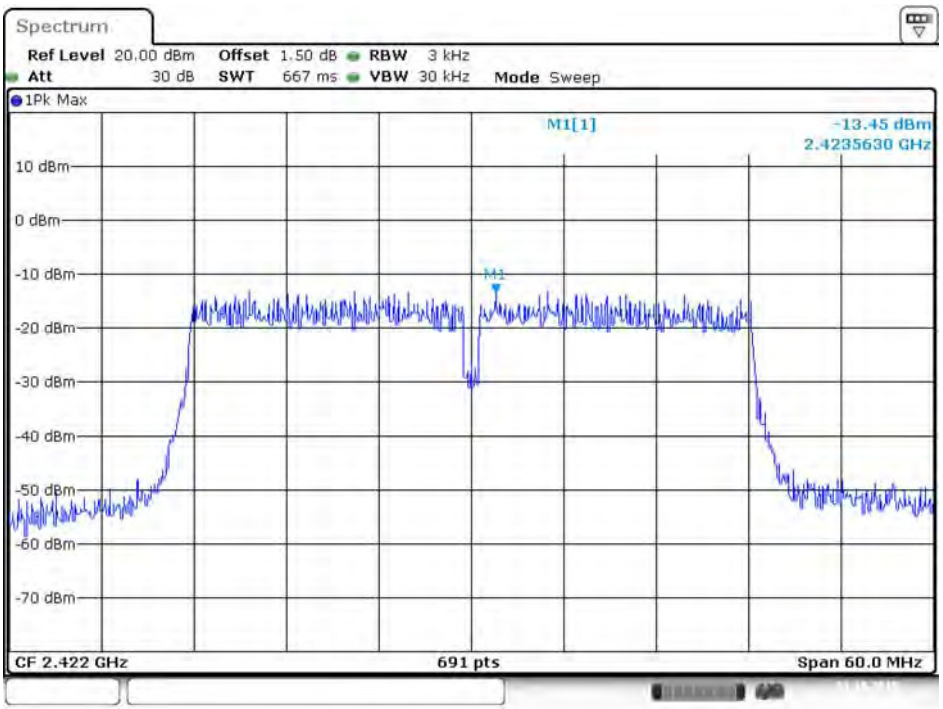


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 1



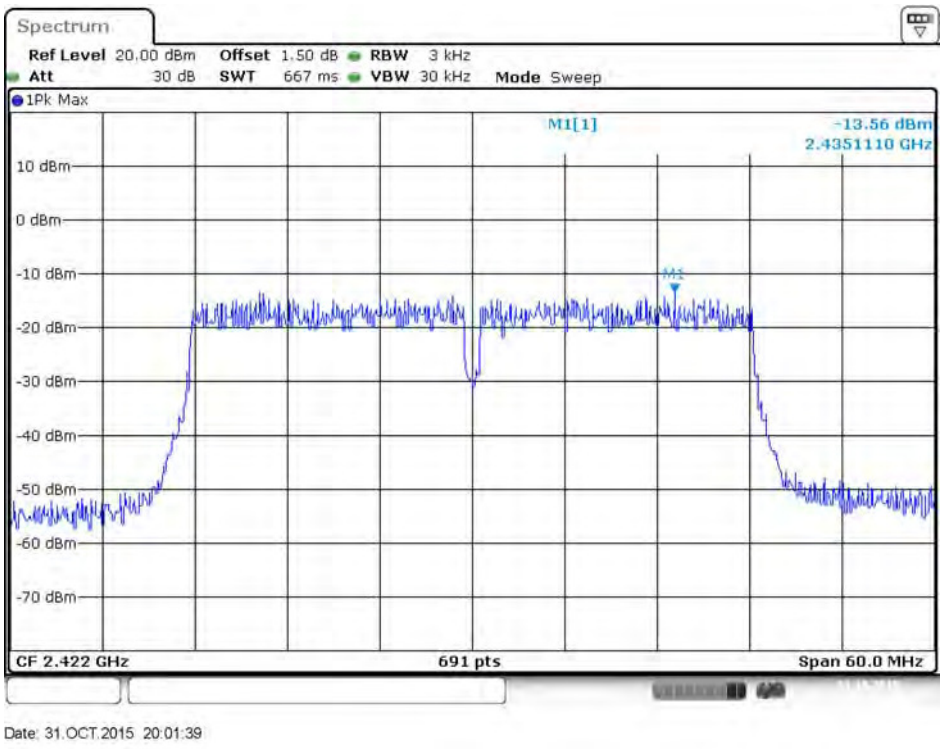
Date: 31.OCT.2015 20:01:14

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 2



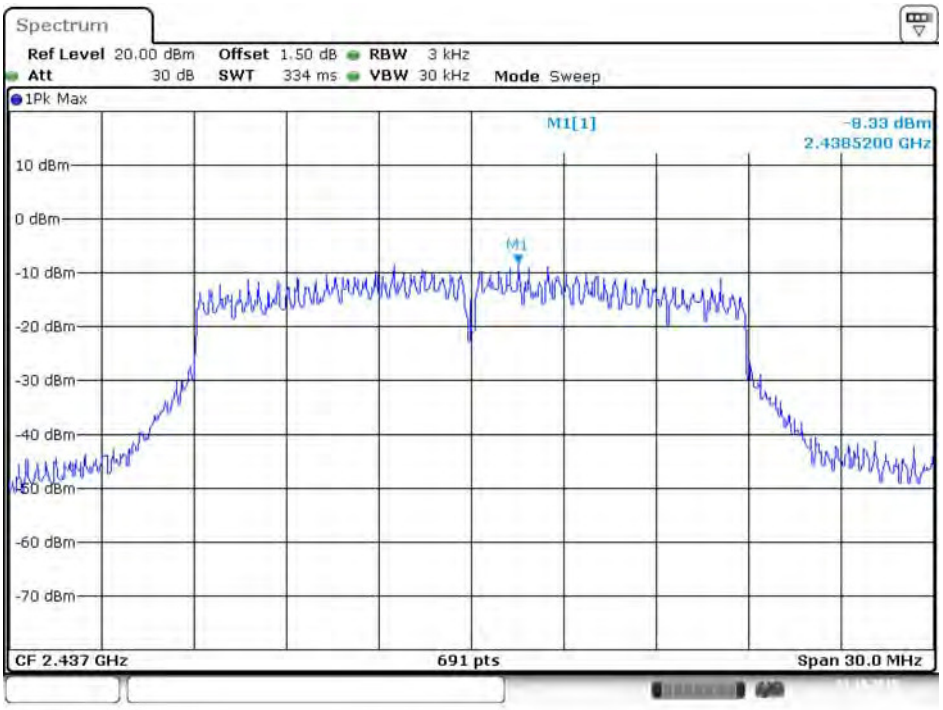
Date: 31.OCT.2015 20:01:26

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 3



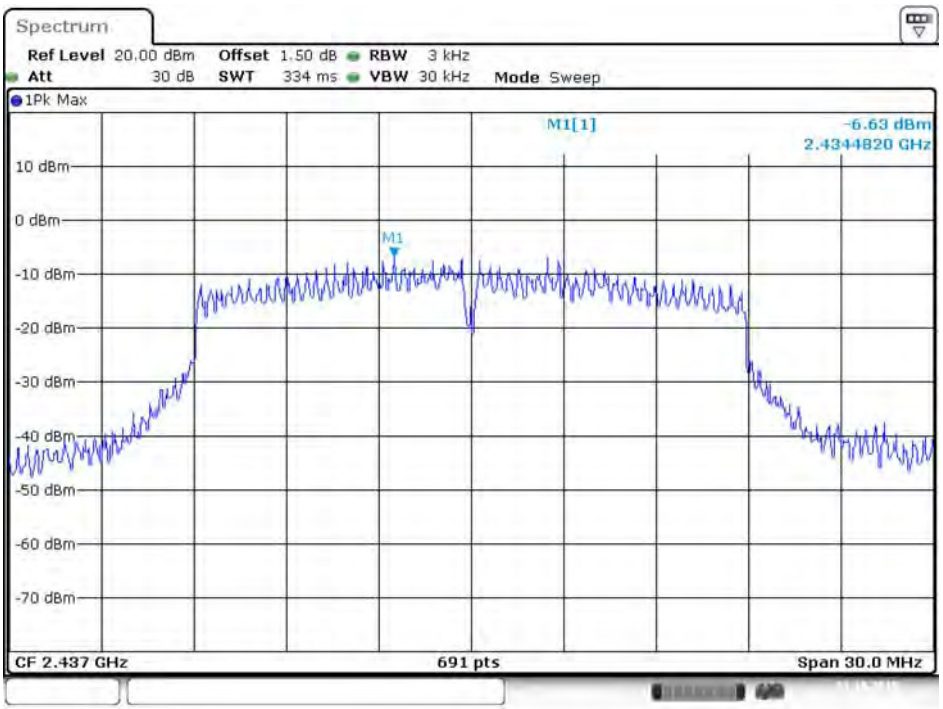
Mode 1 (Set 3 Dipole antenna / 3.83dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



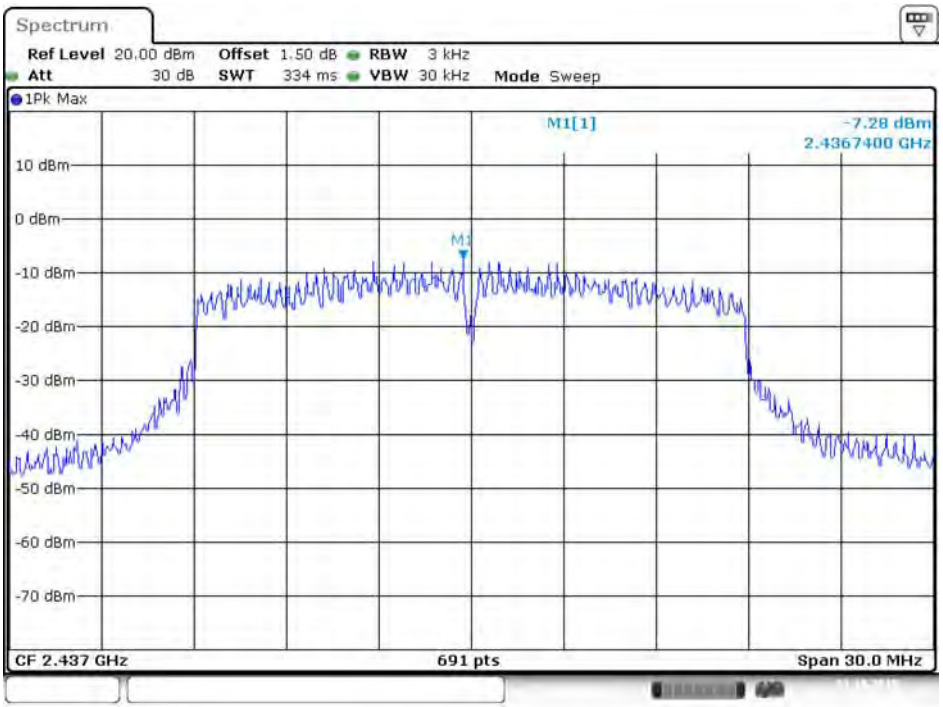
Date: 31.OCT.2015 22:35:06

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



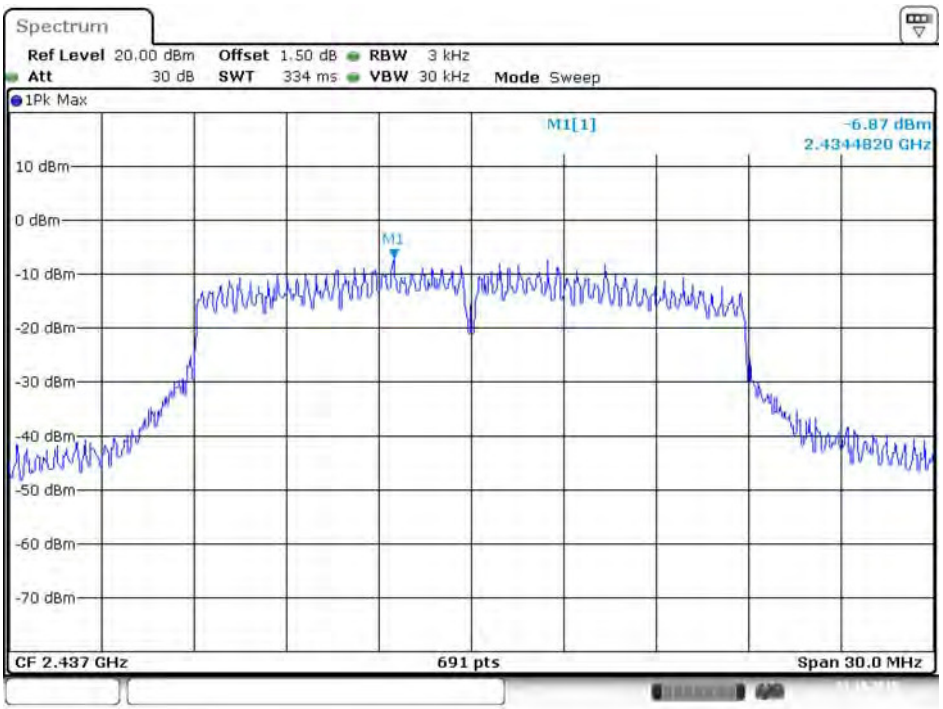
Date: 31.OCT.2015 22:35:22

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



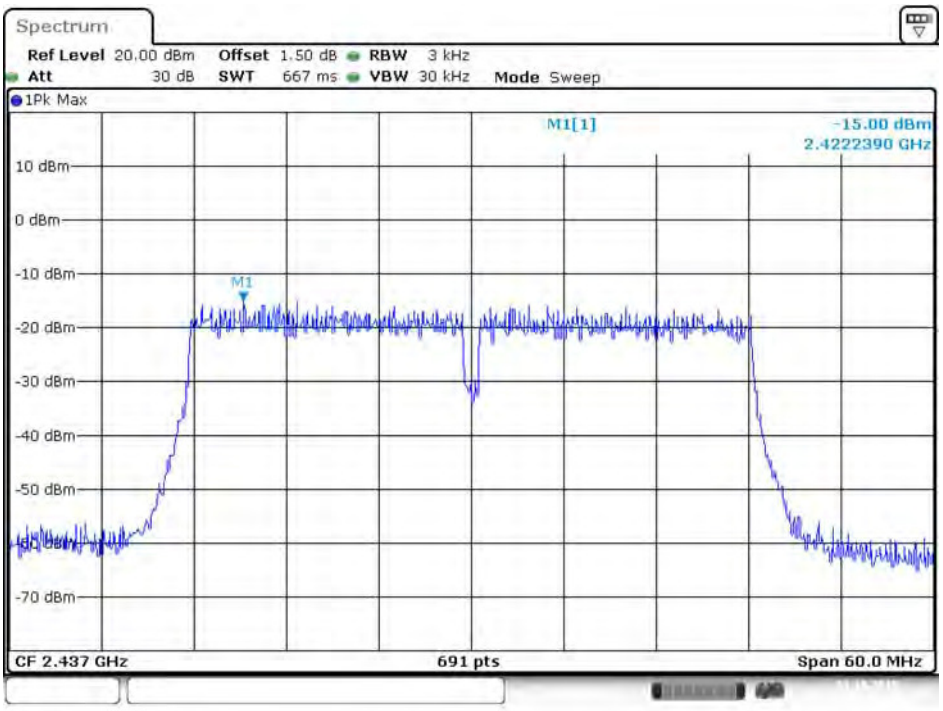
Date: 31.OCT.2015 22:35:32

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 4



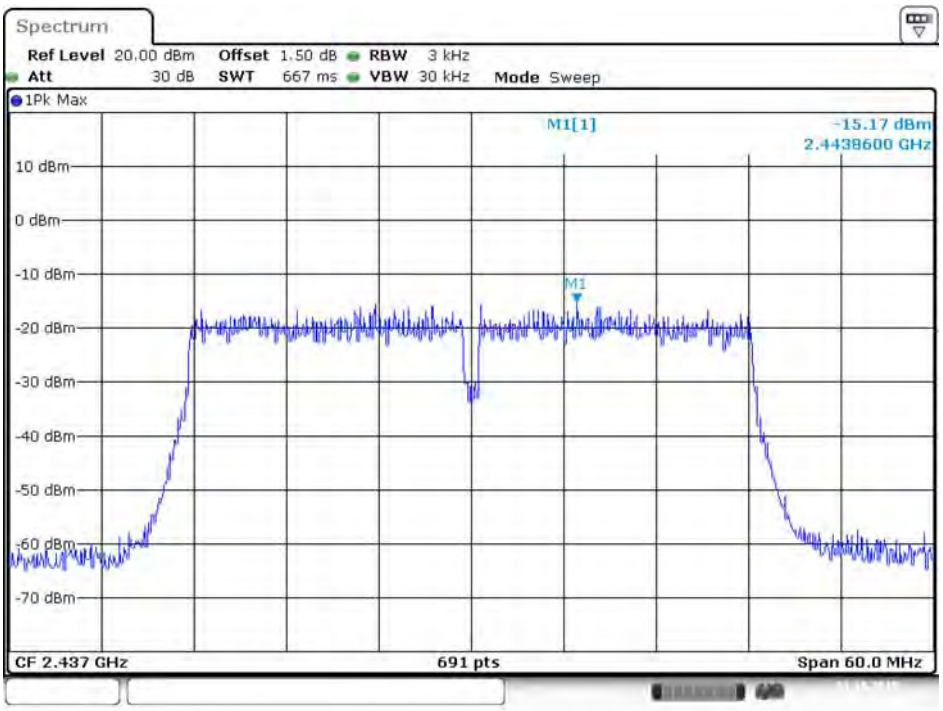
Date: 31.OCT.2015 22:35:43

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



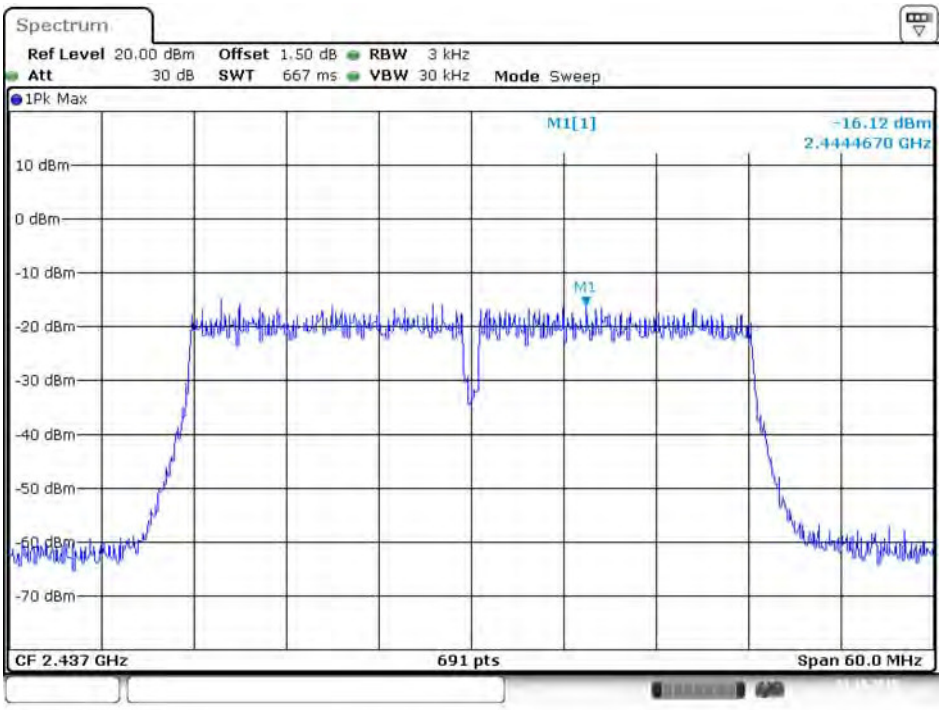
Date: 31.OCT.2015 22:36:31

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



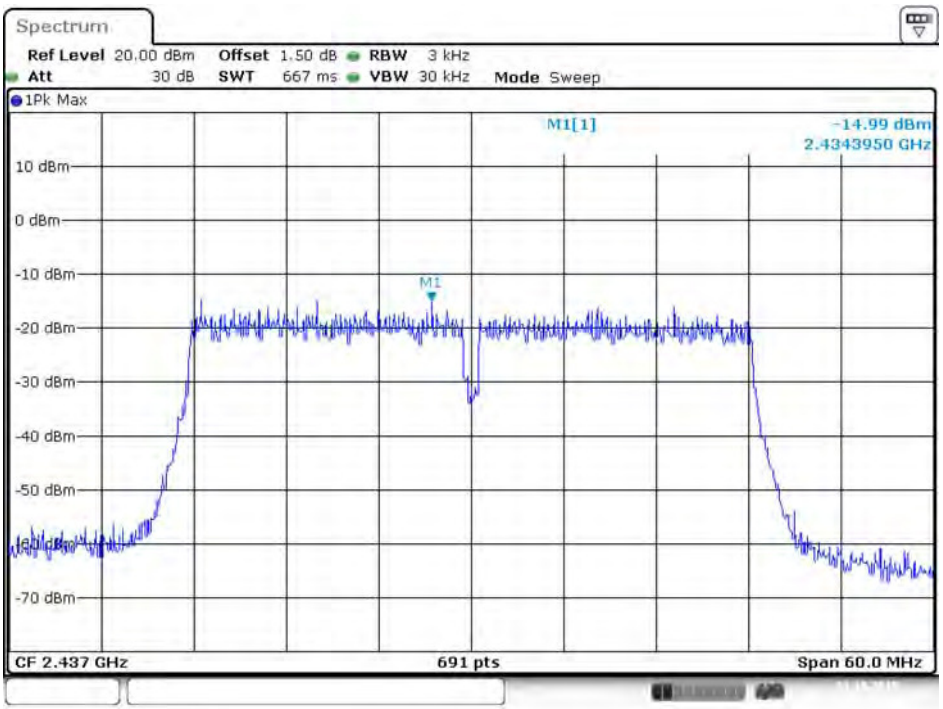
Date: 31.OCT.2015 22:36:42

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



Date: 31.OCT.2015 22:36:53

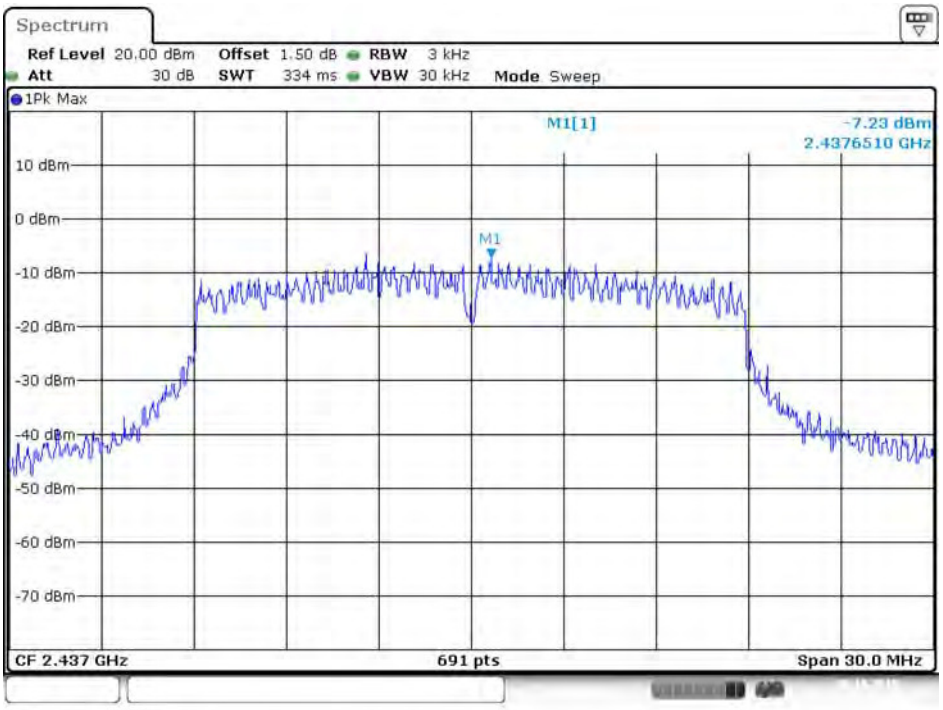
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 4



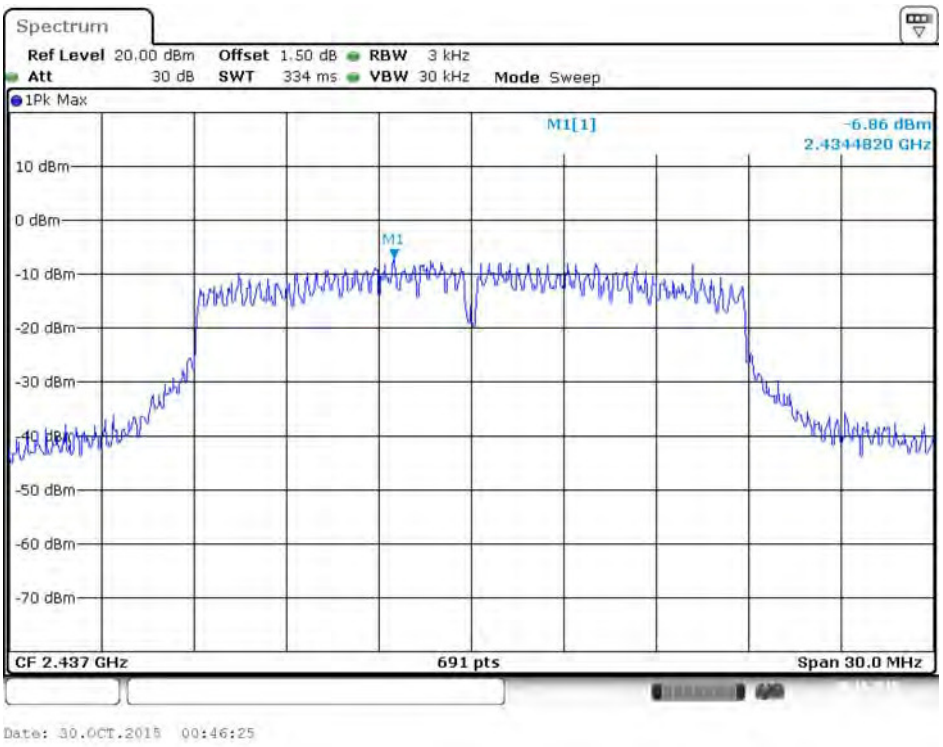
Date: 31.OCT.2015 22:37:04

Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi*1, (1B)3.93dBi *1 / 2TX)

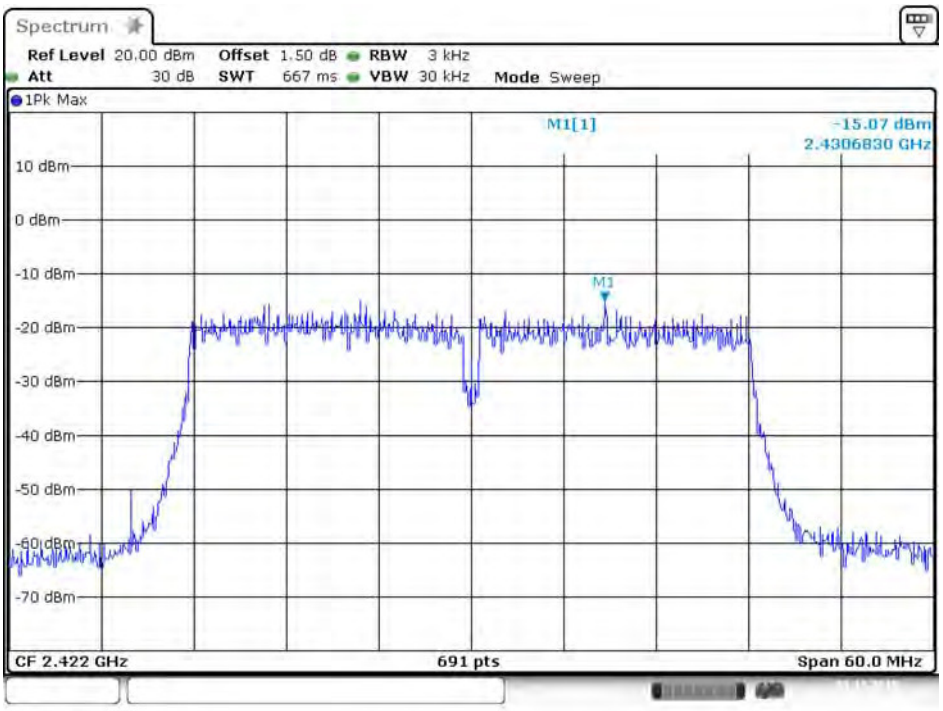
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2

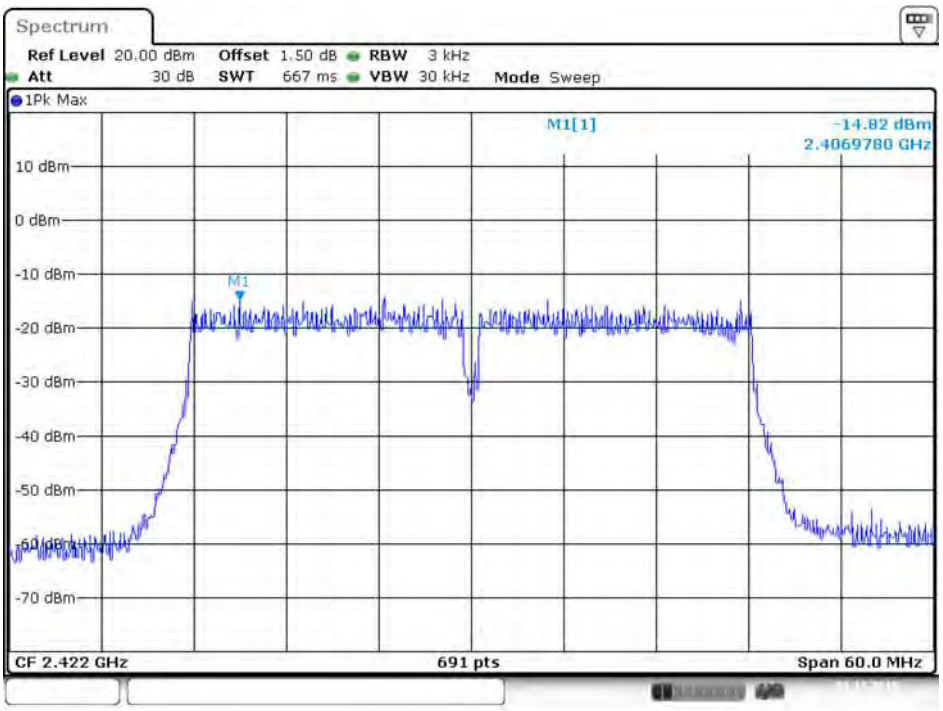


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 1



Date: 1.NOV.2015 00:35:54

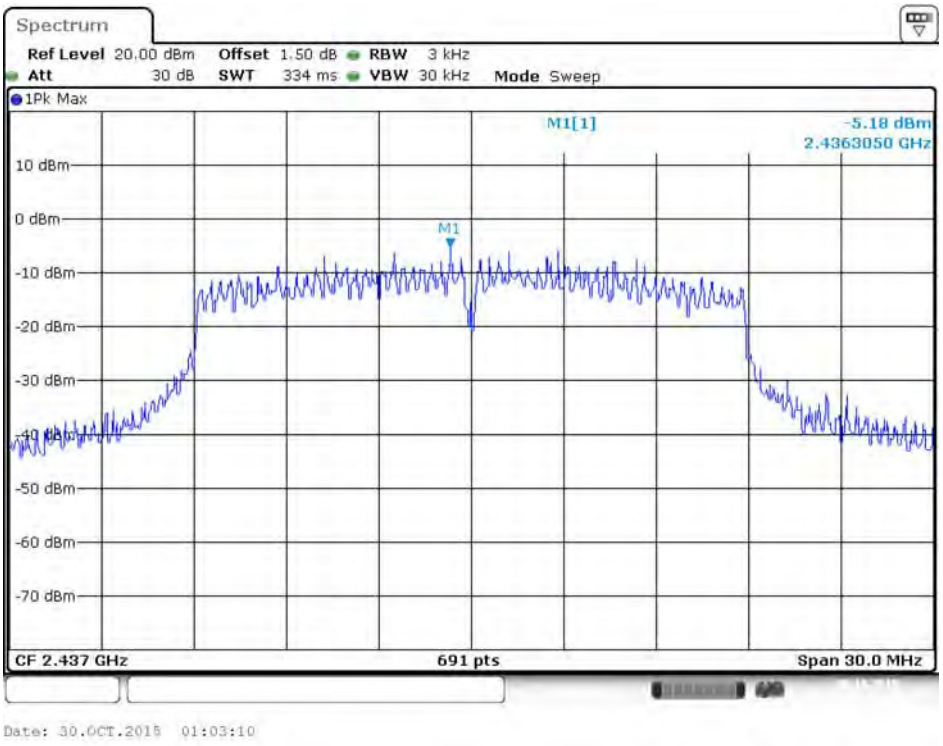
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 2



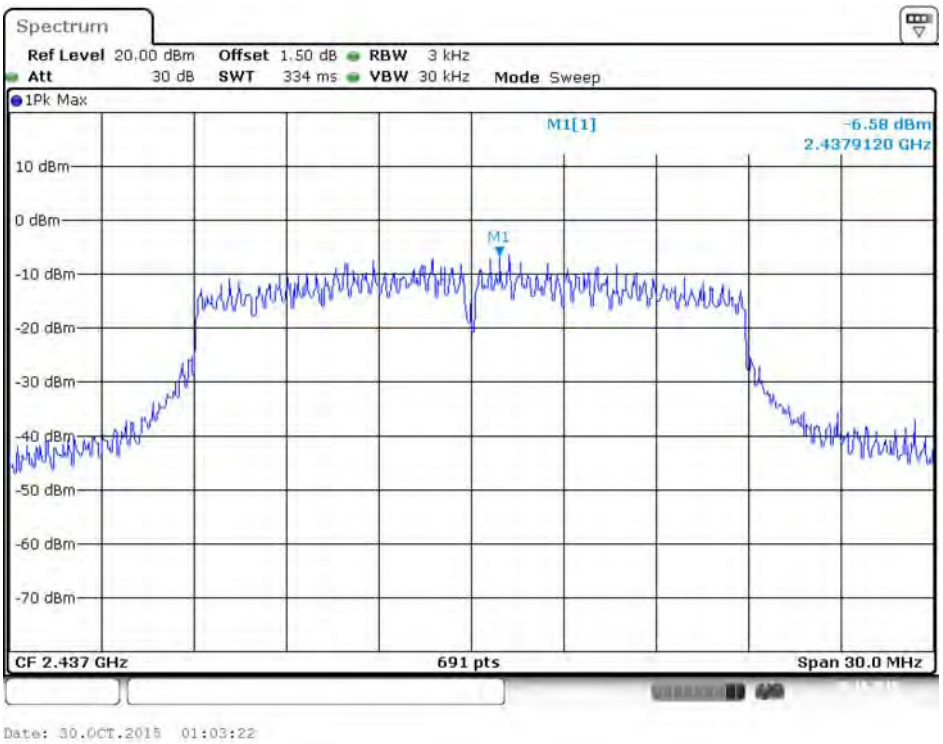
Date: 1.NOV.2015 00:36:07

Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi*2, (1B)3.93dBi*1 / 3TX)

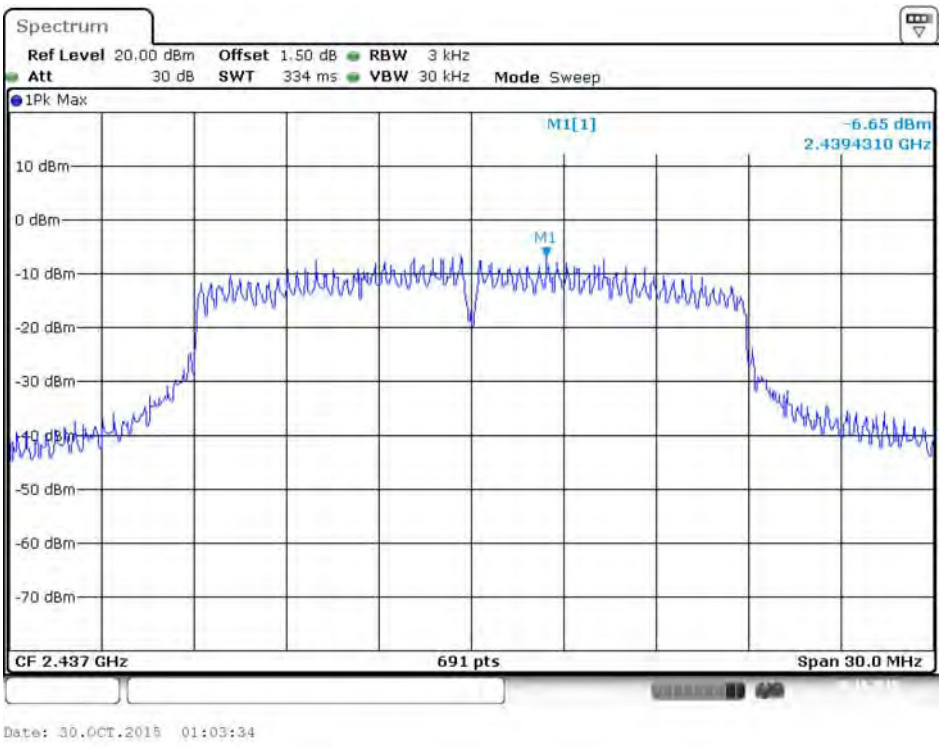
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



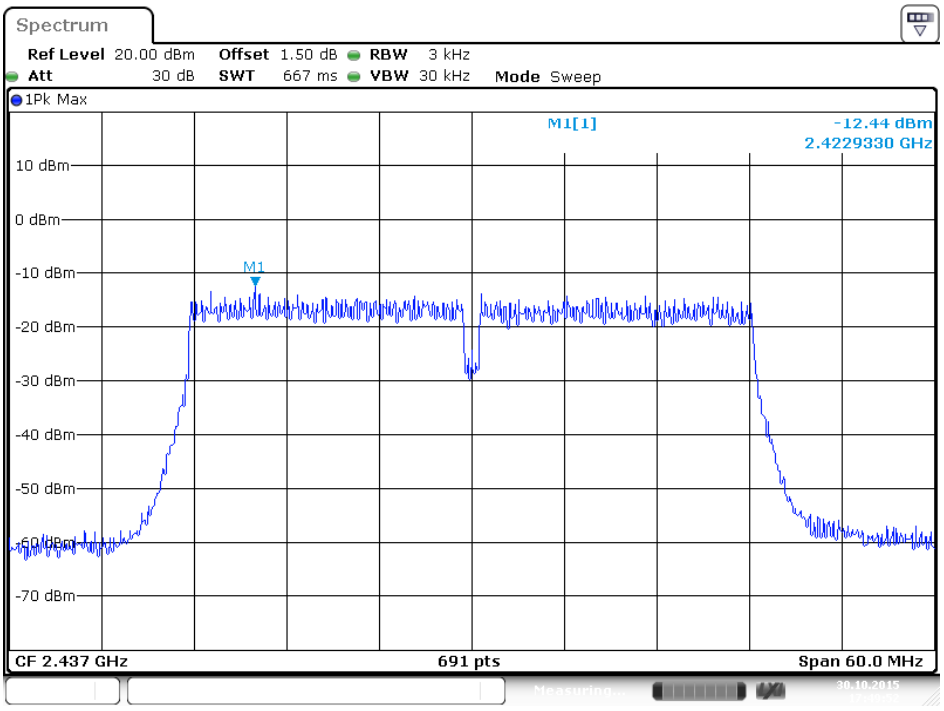
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3

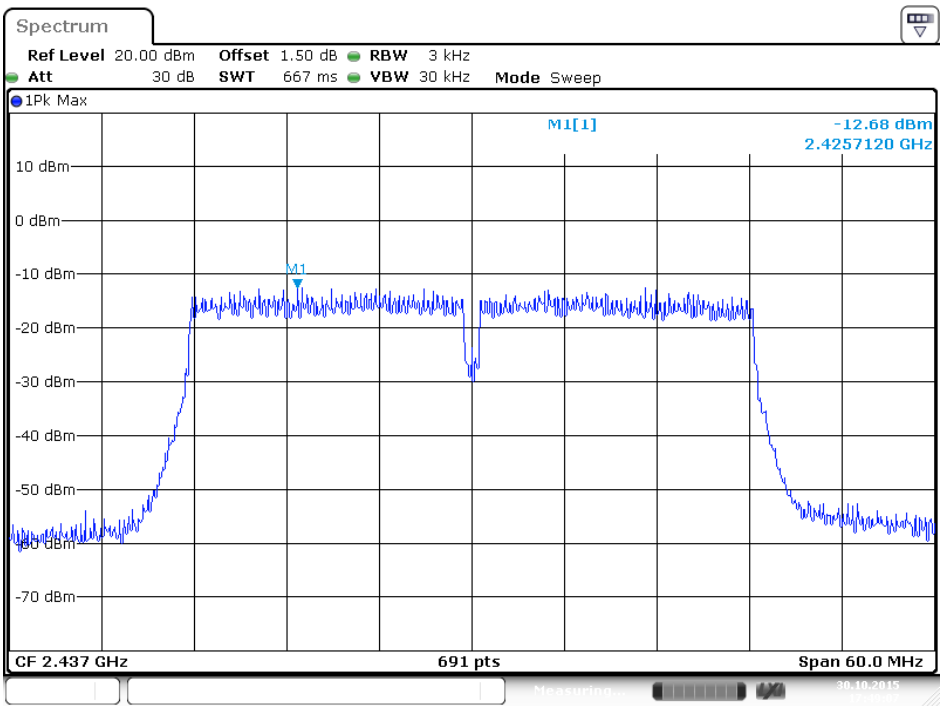


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



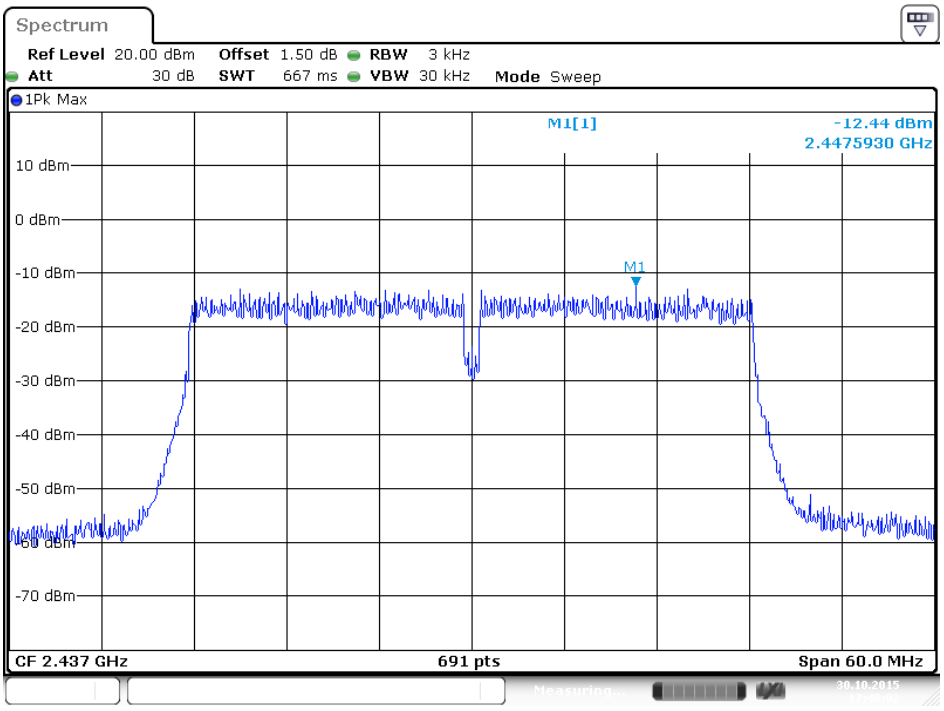
Date: 30.OCT.2015 17:49:52

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



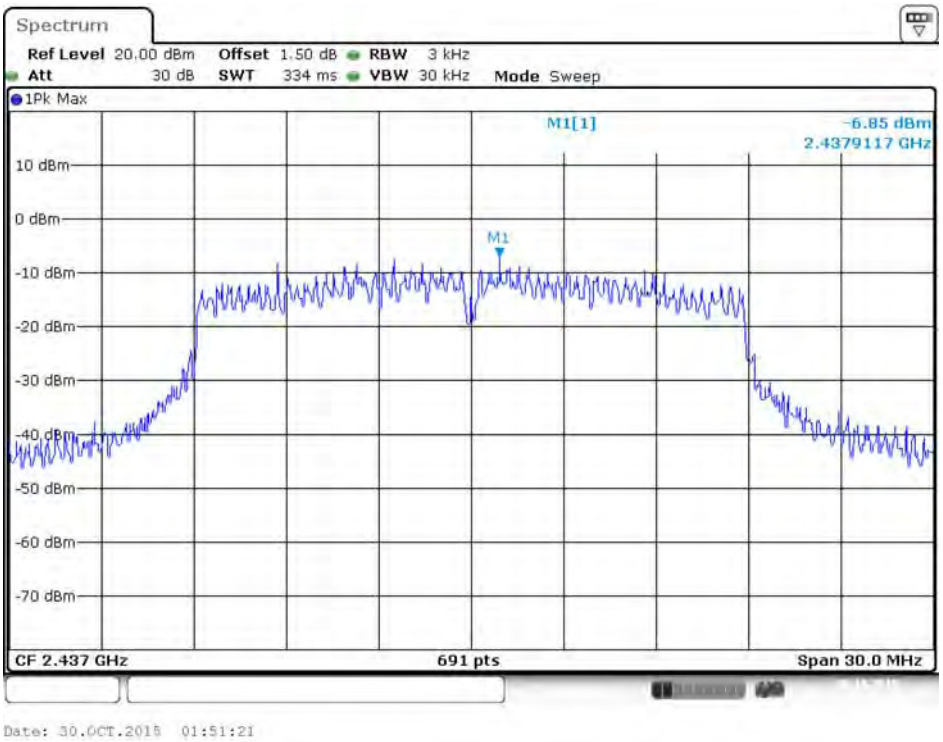
Date: 30.OCT.2015 17:49:08

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3

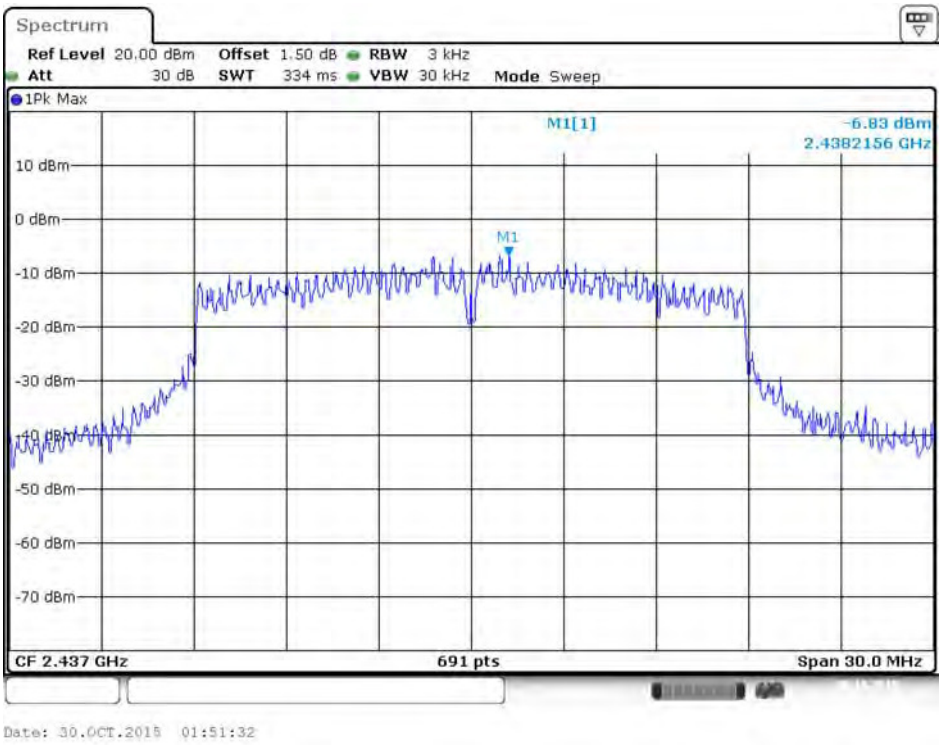


Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi*2, (1B)3.93dBi*1 + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

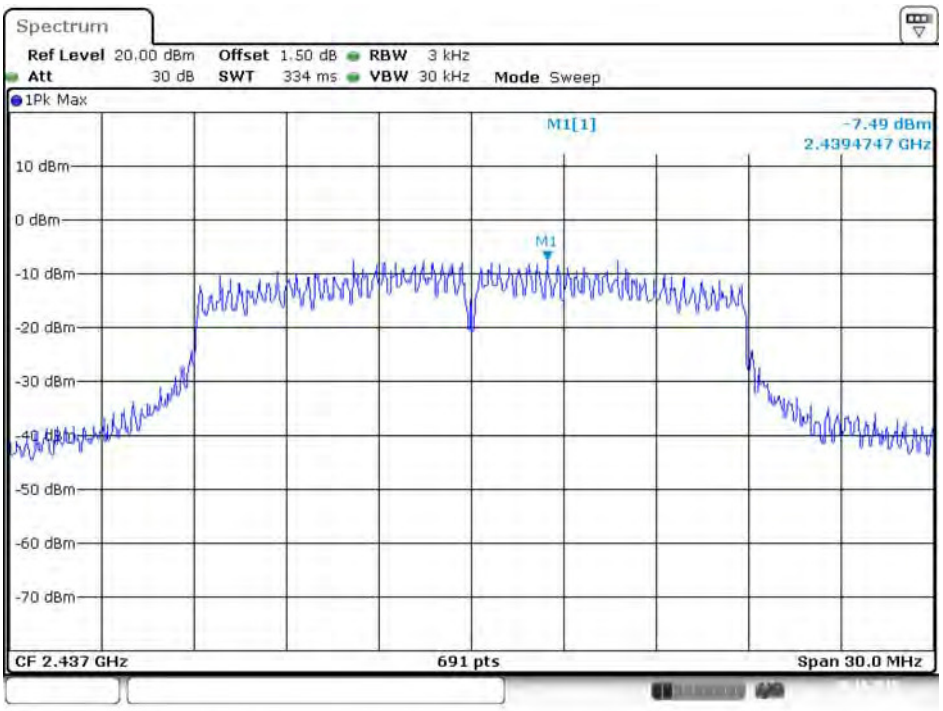
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



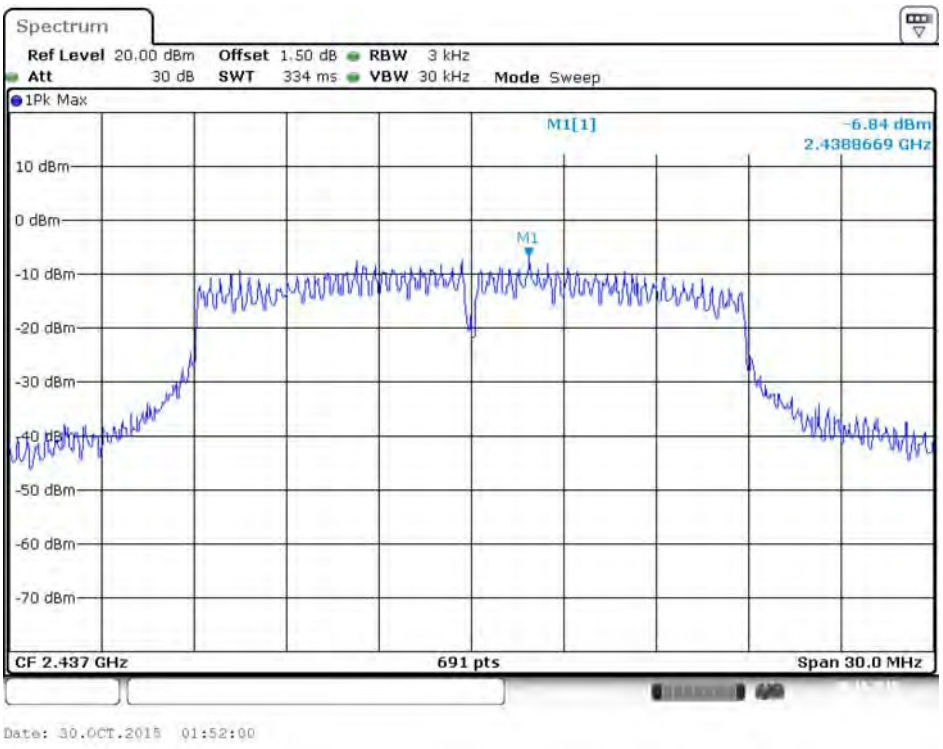
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



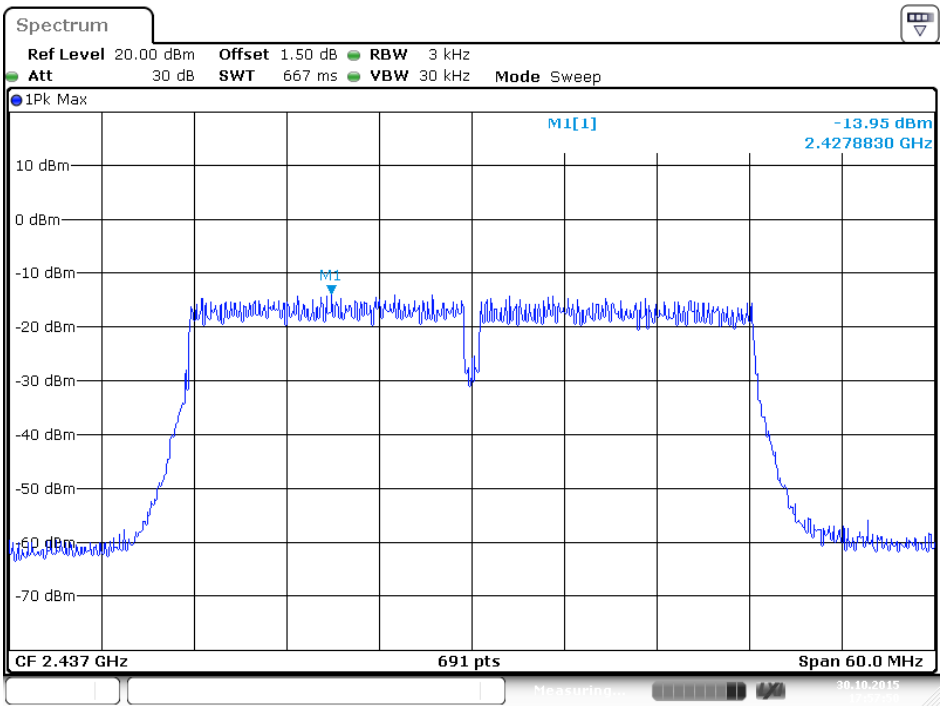
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 4

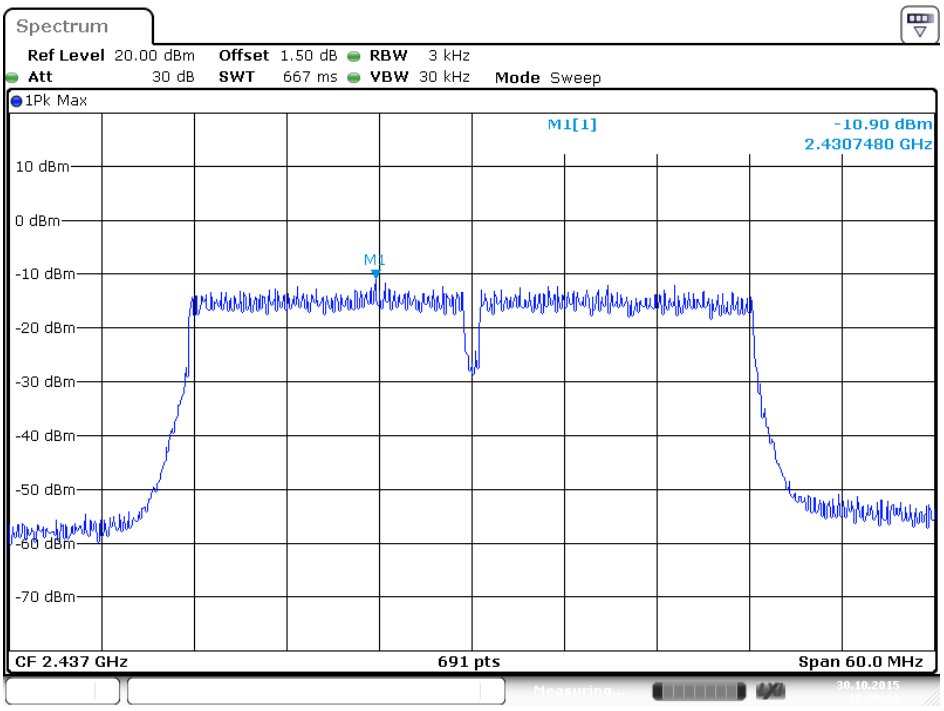


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



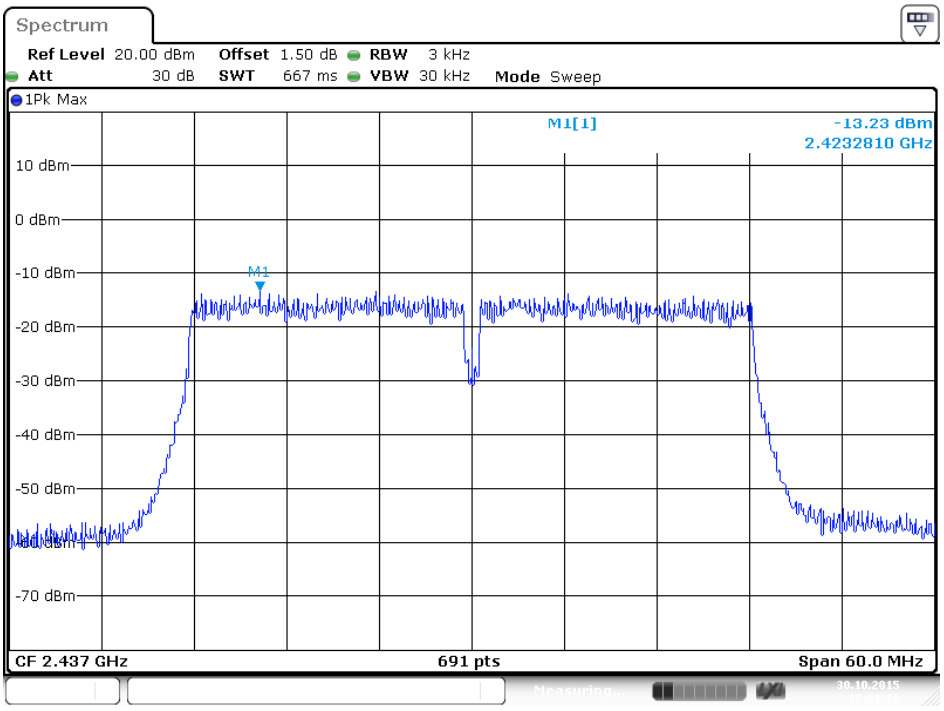
Date: 30.OCT.2015 17:57:50

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



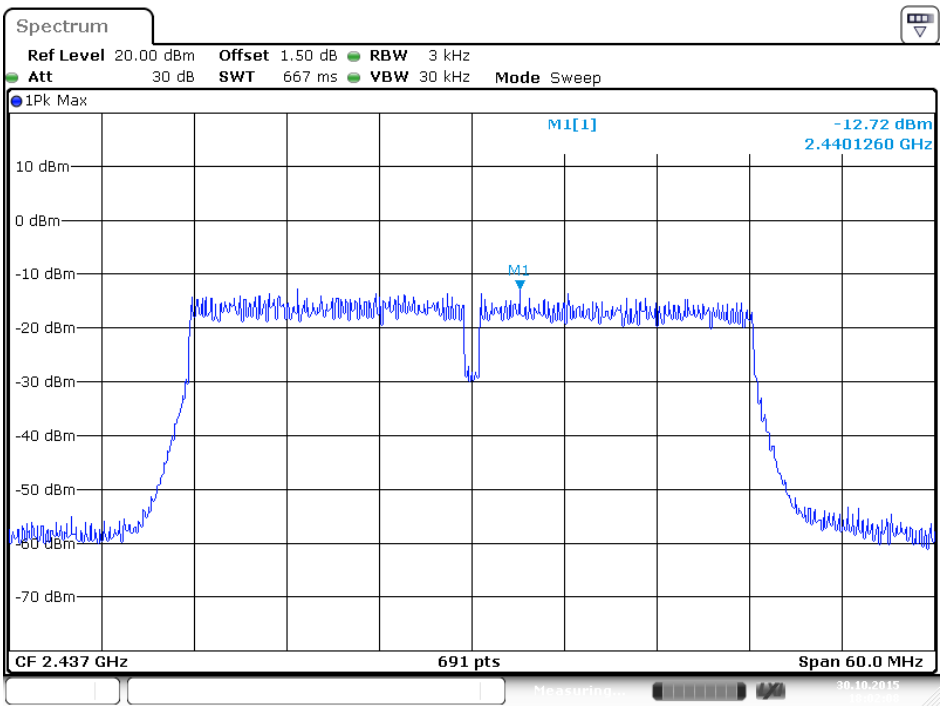
Date: 30.OCT.2015 18:00:29

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



Date: 30.OCT.2015 18:01:28

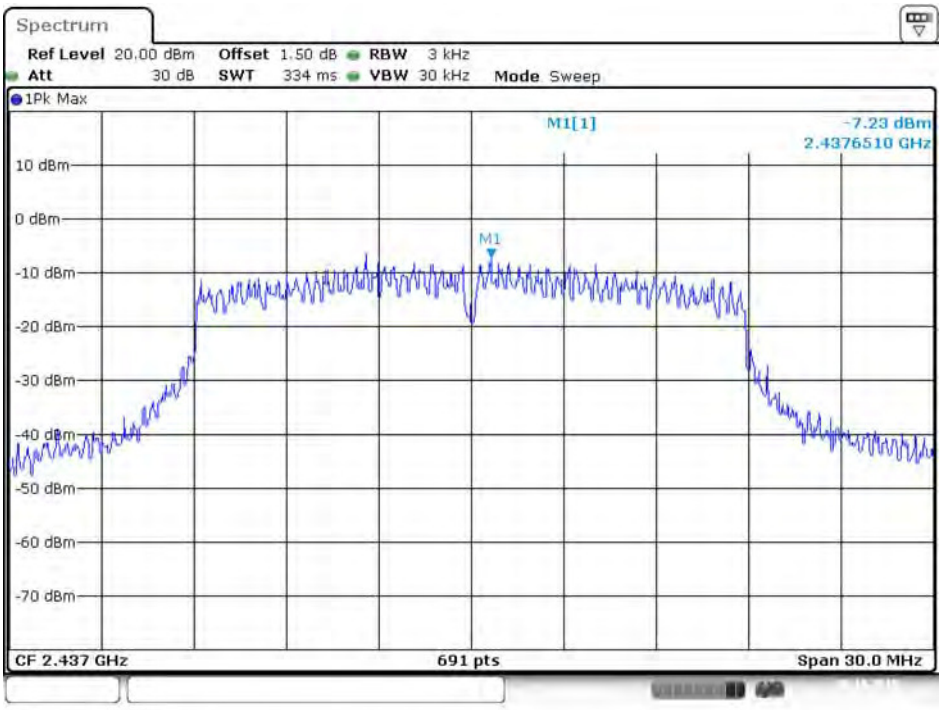
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 4



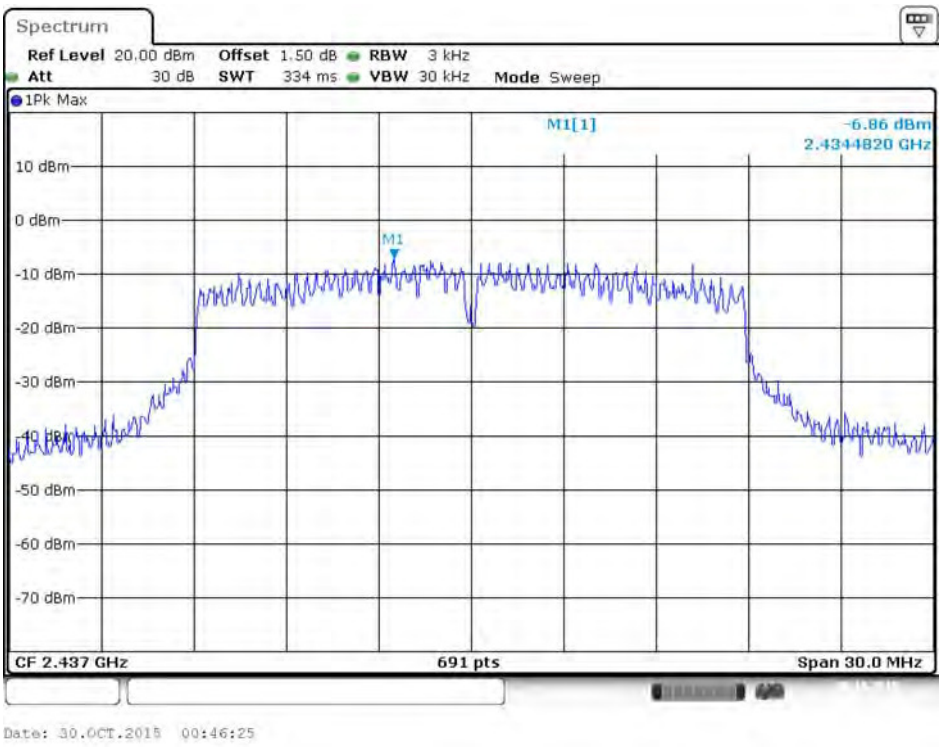
Date: 30.OCT.2015 18:02:09

Mode 3 (Set 6 Panel antenna / 4.03dBi / 2TX)

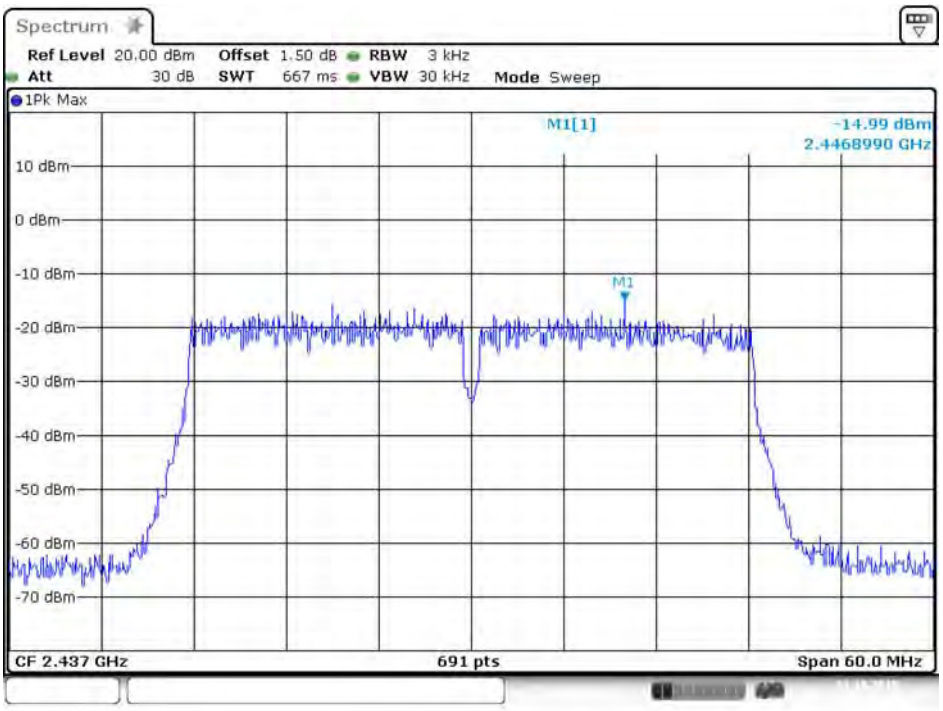
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2

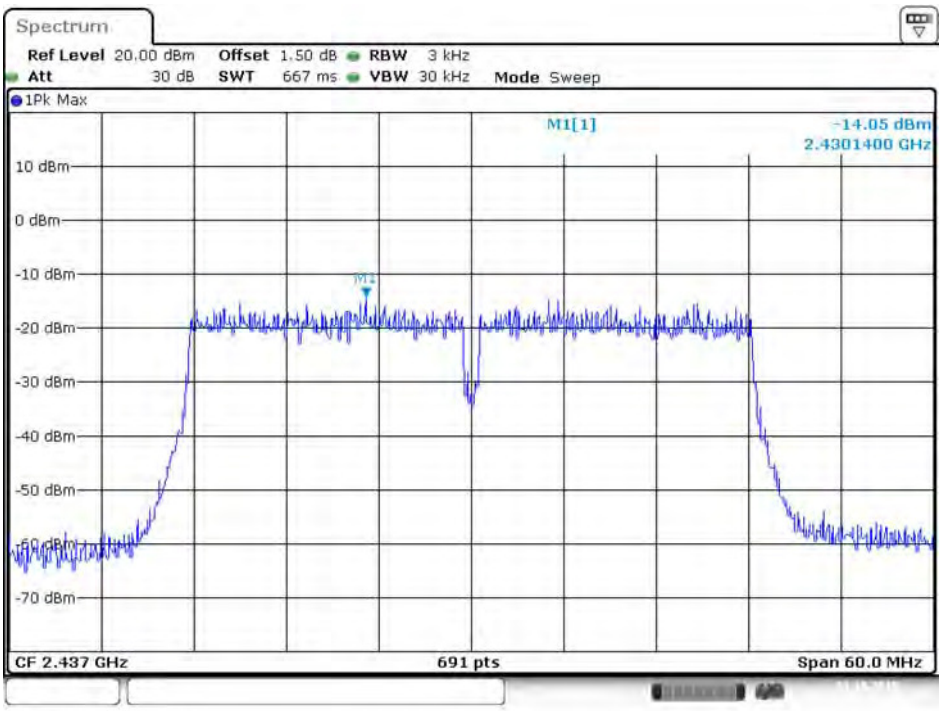


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



Date: 31.OCT.2015 22:49:36

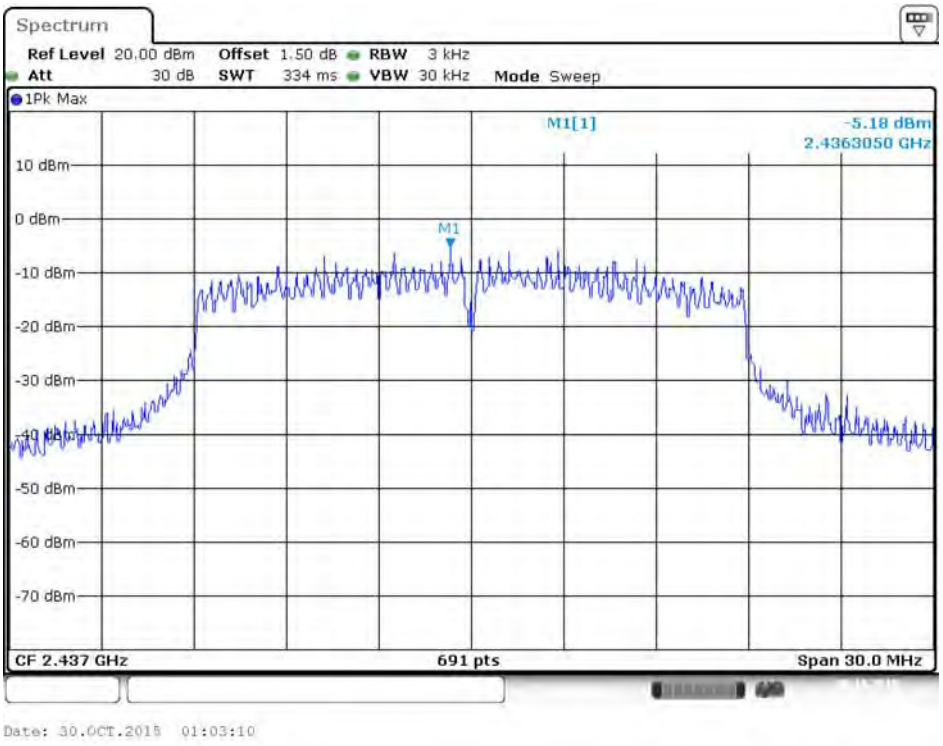
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



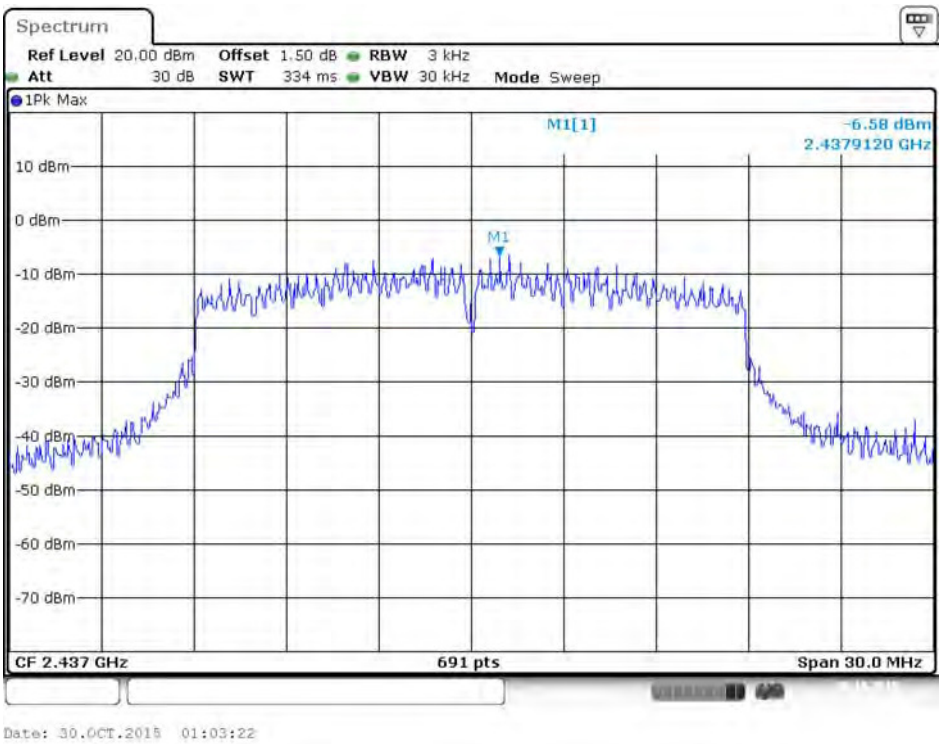
Date: 31.OCT.2015 22:49:51

Mode 3 (Set 6 Panel antenna / 4.03dBi / 3TX)

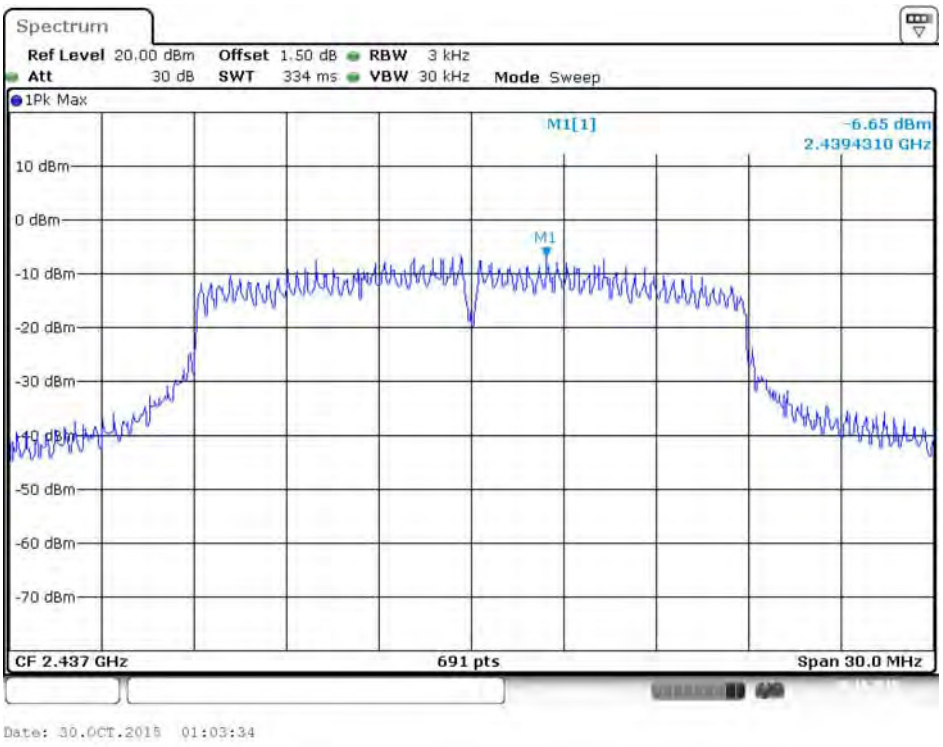
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



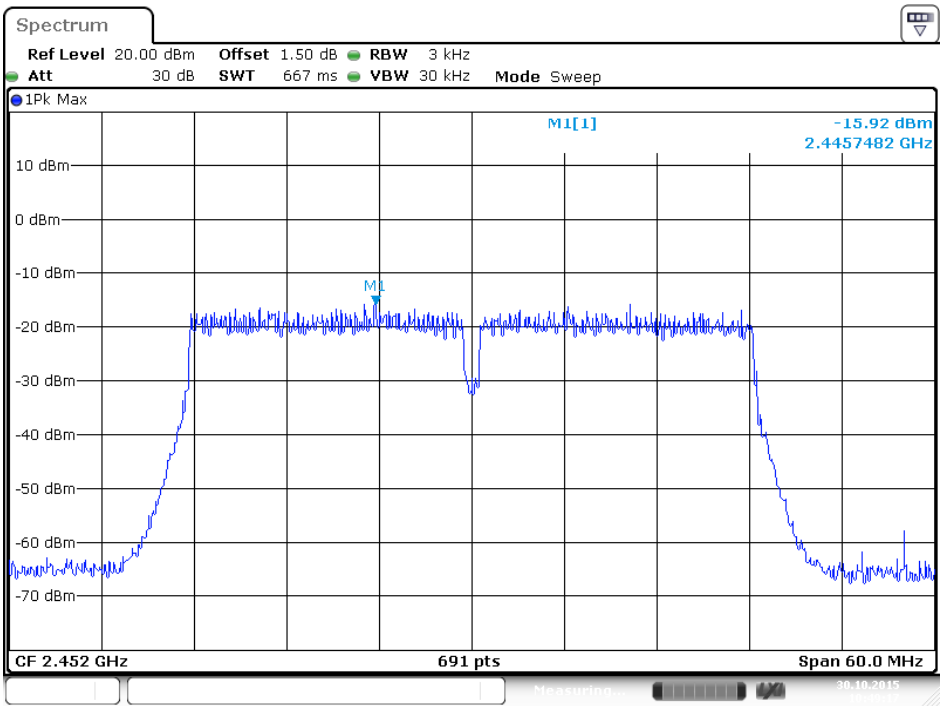
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3

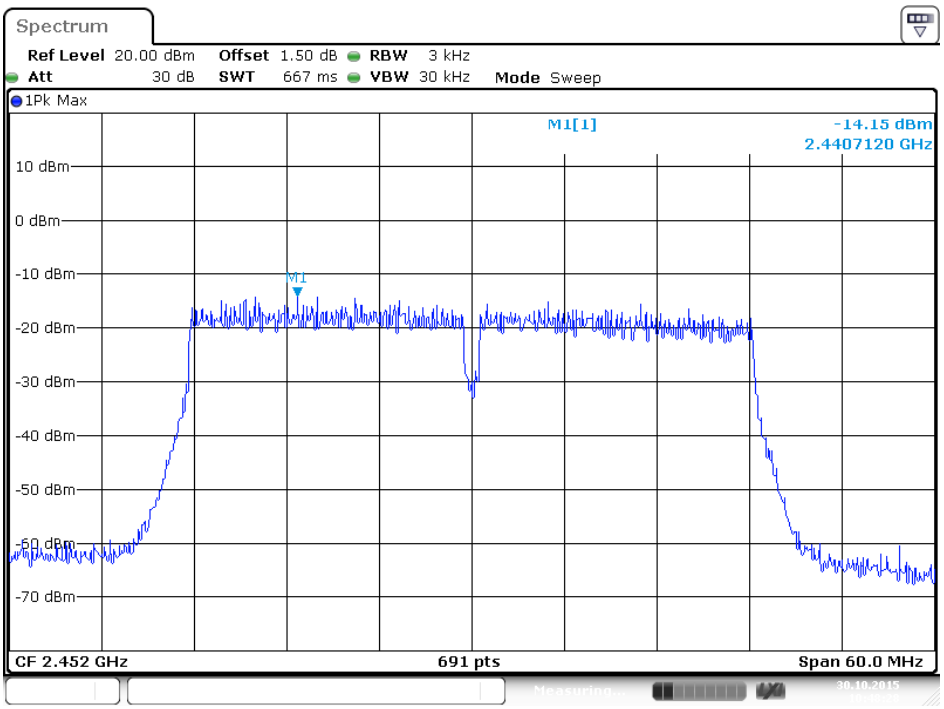


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1



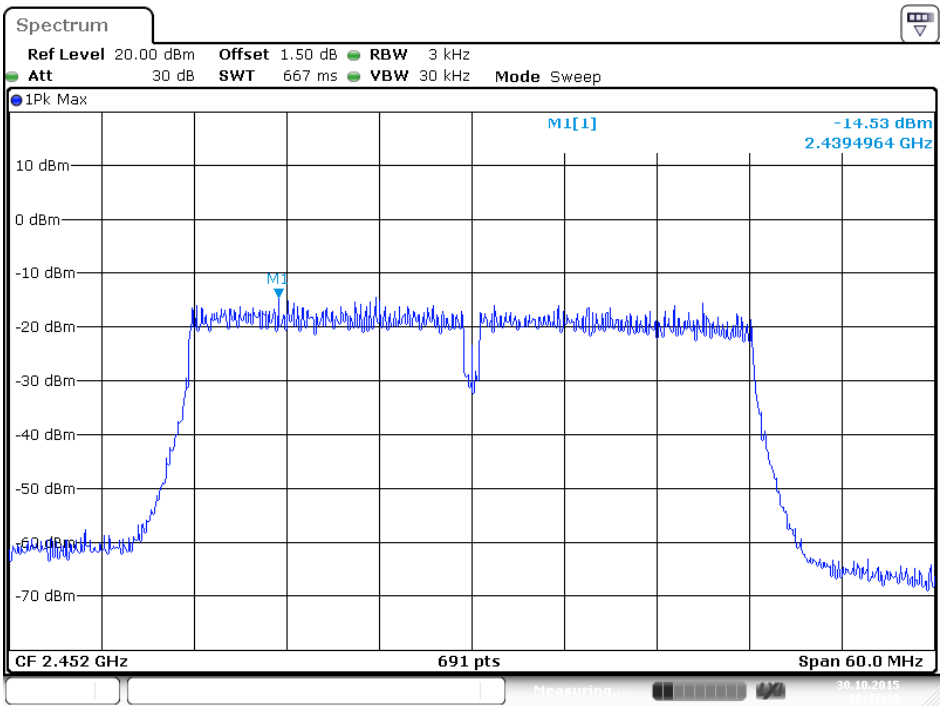
Date: 30.OCT.2015 10:49:17

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 2



Date: 30.OCT.2015 10:48:28

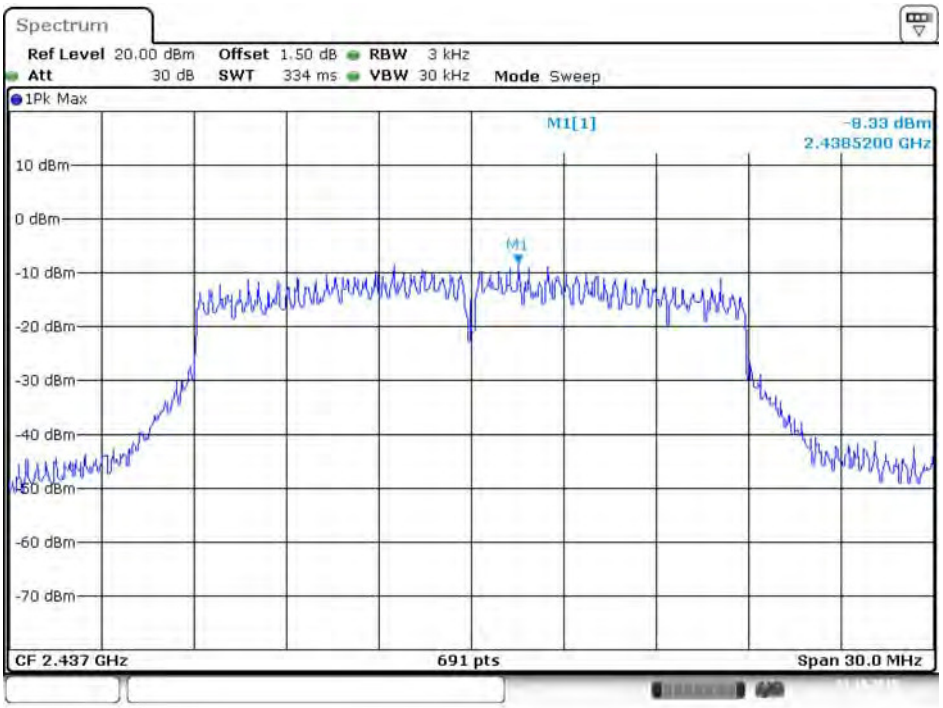
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 3



Date: 30.OCT.2015 10:47:39

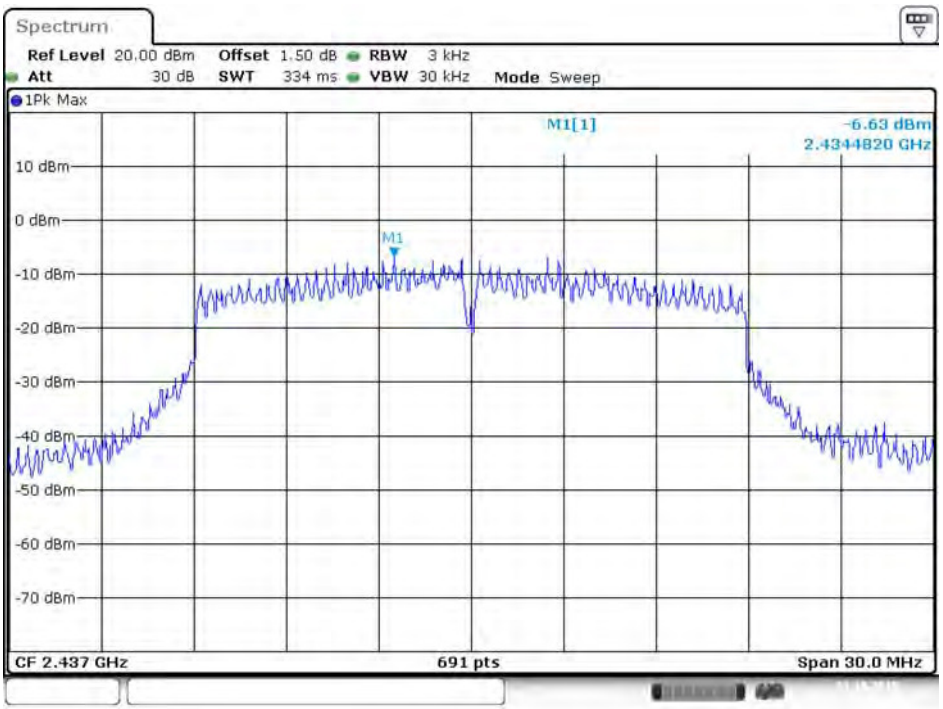
Mode 3 (Set 6 Panel antenna / 4.03dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



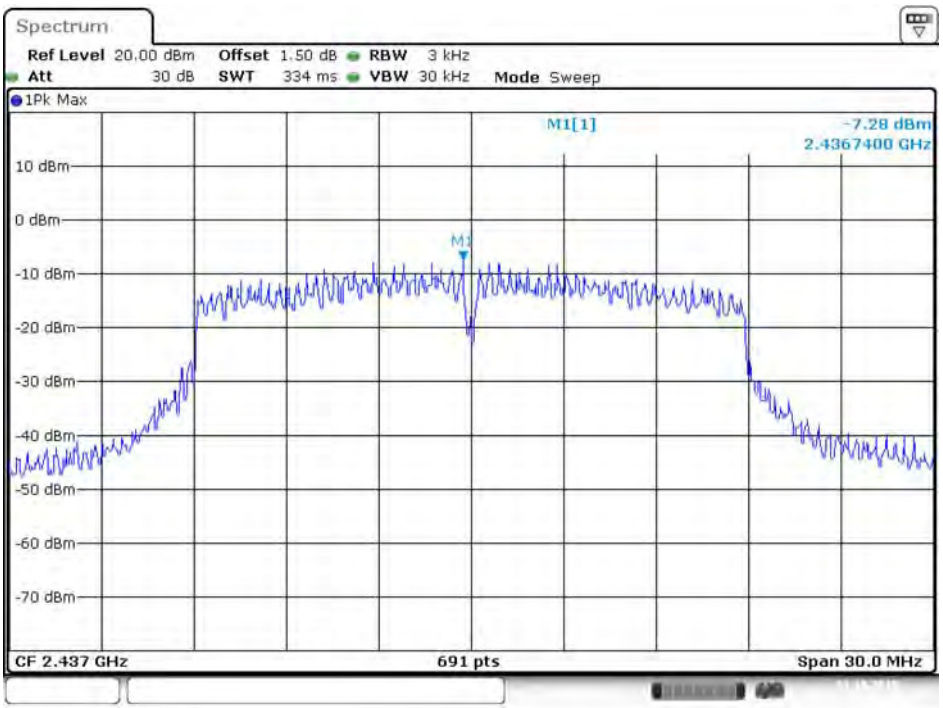
Date: 31.OCT.2015 22:35:06

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



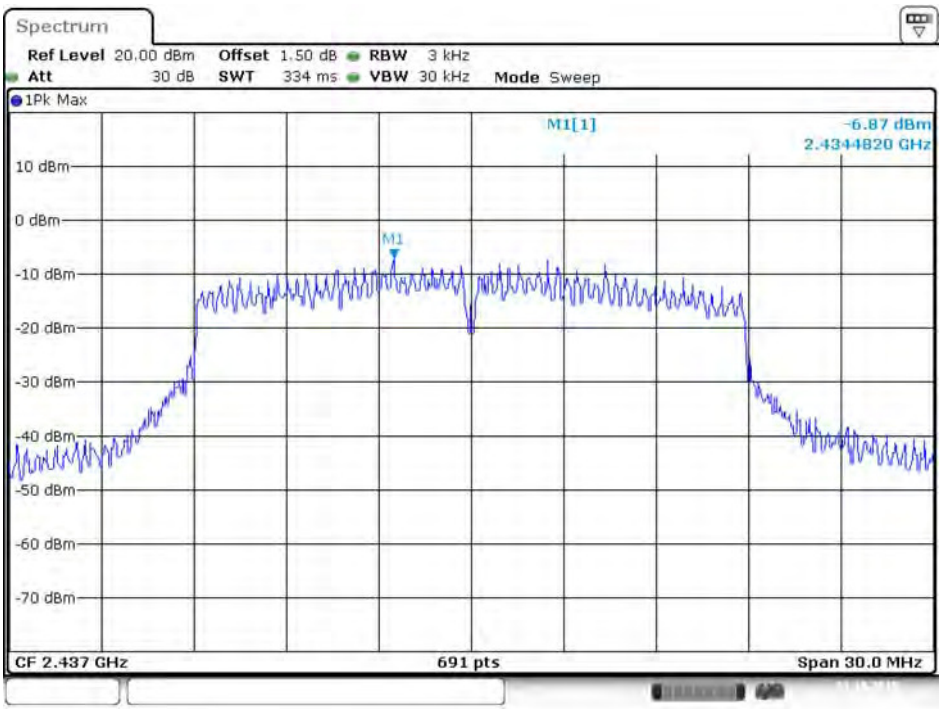
Date: 31.OCT.2015 22:35:22

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



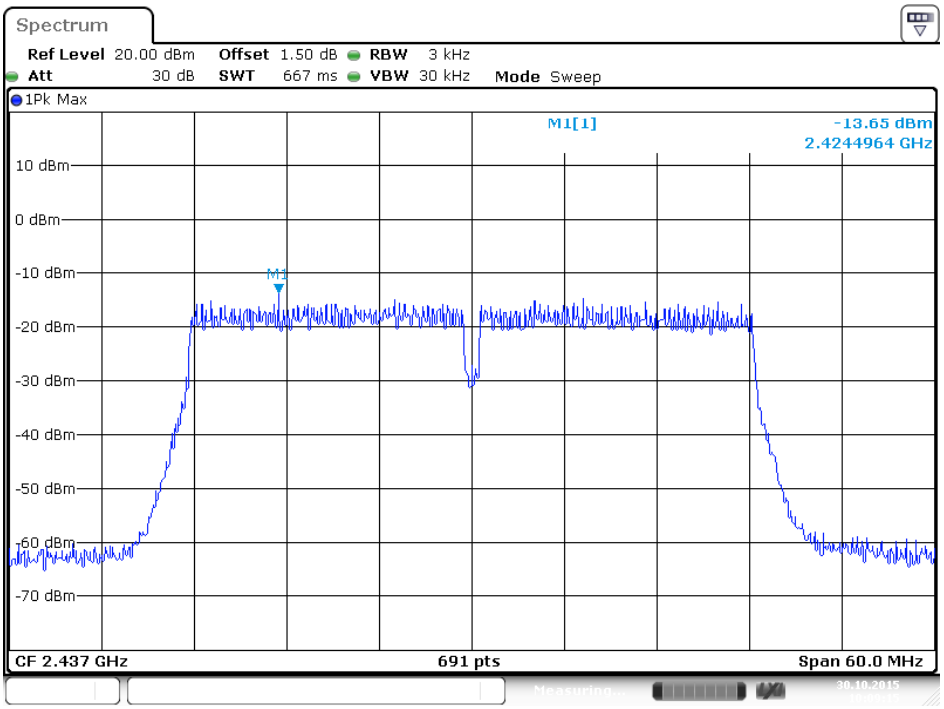
Date: 31.OCT.2015 22:35:32

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 4



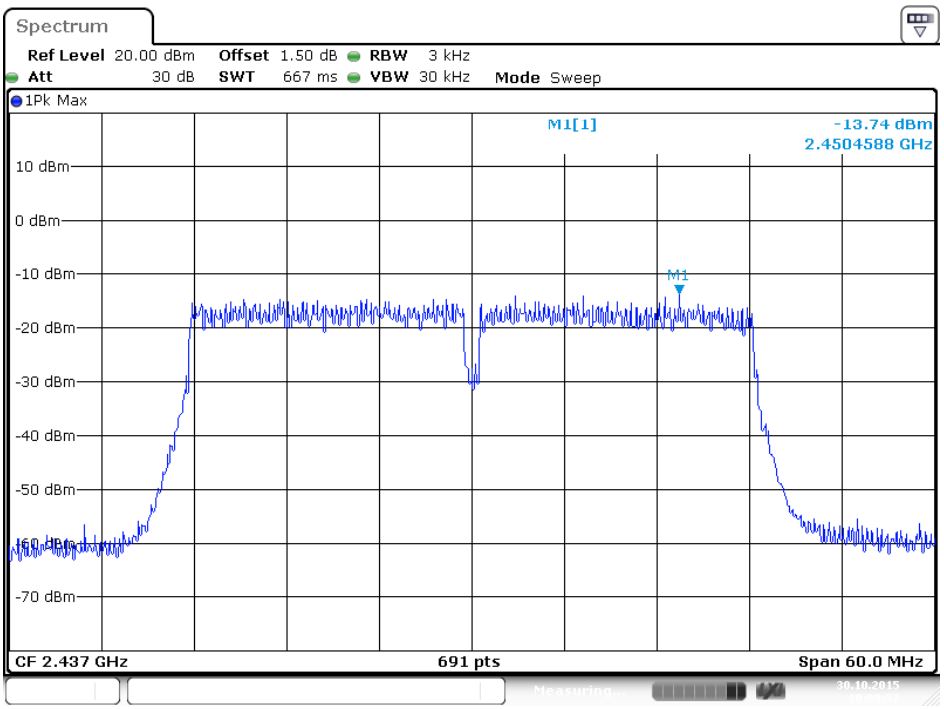
Date: 31.OCT.2015 22:35:43

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



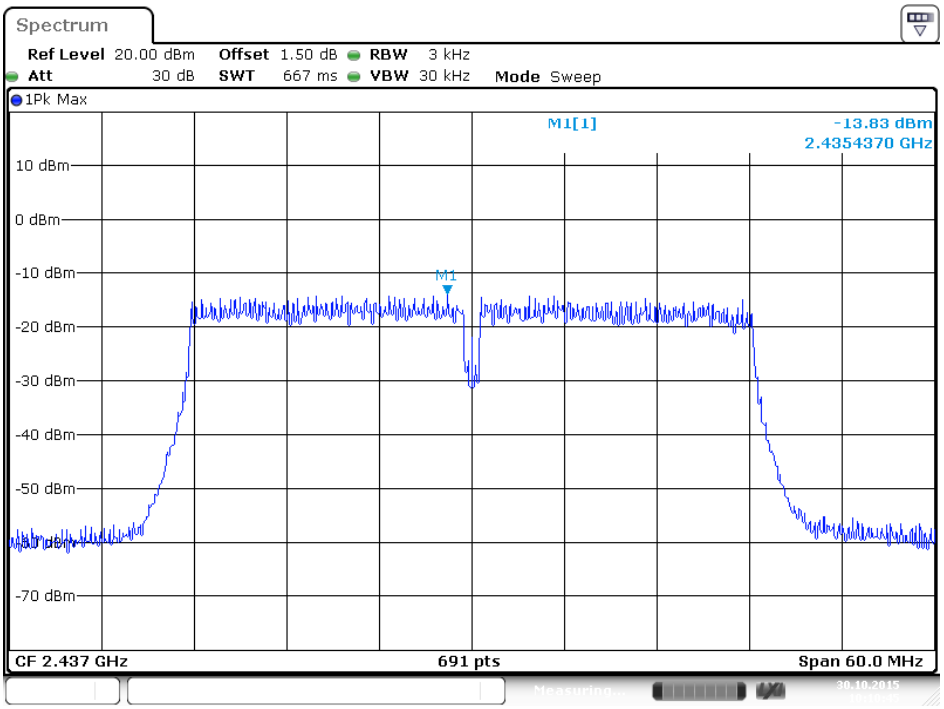
Date: 30.OCT.2015 10:09:15

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



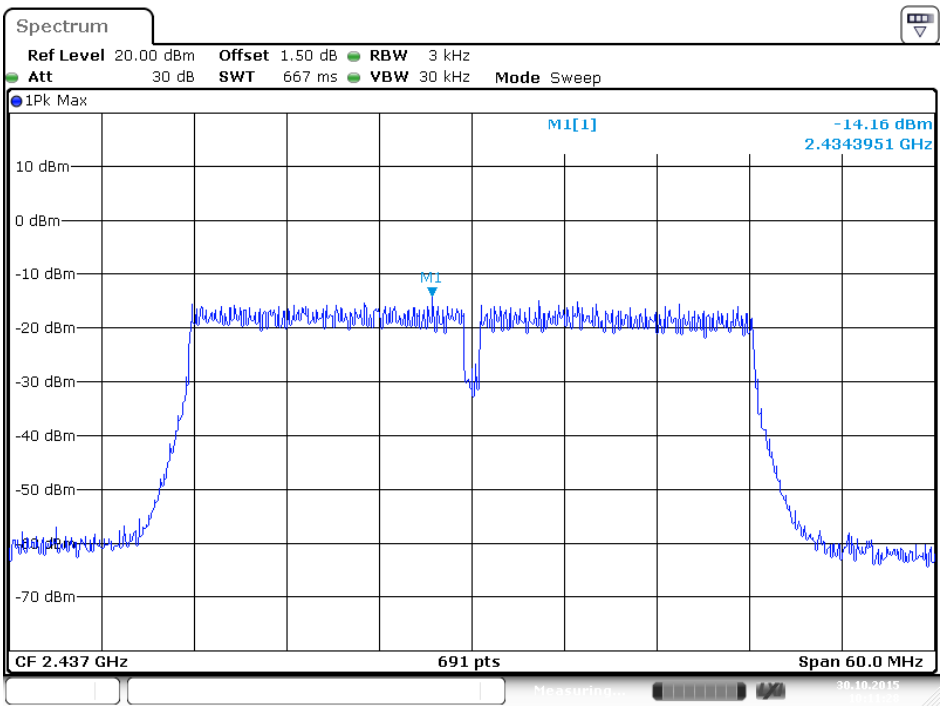
Date: 30.OCT.2015 10:09:52

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



Date: 30.OCT.2015 10:10:45

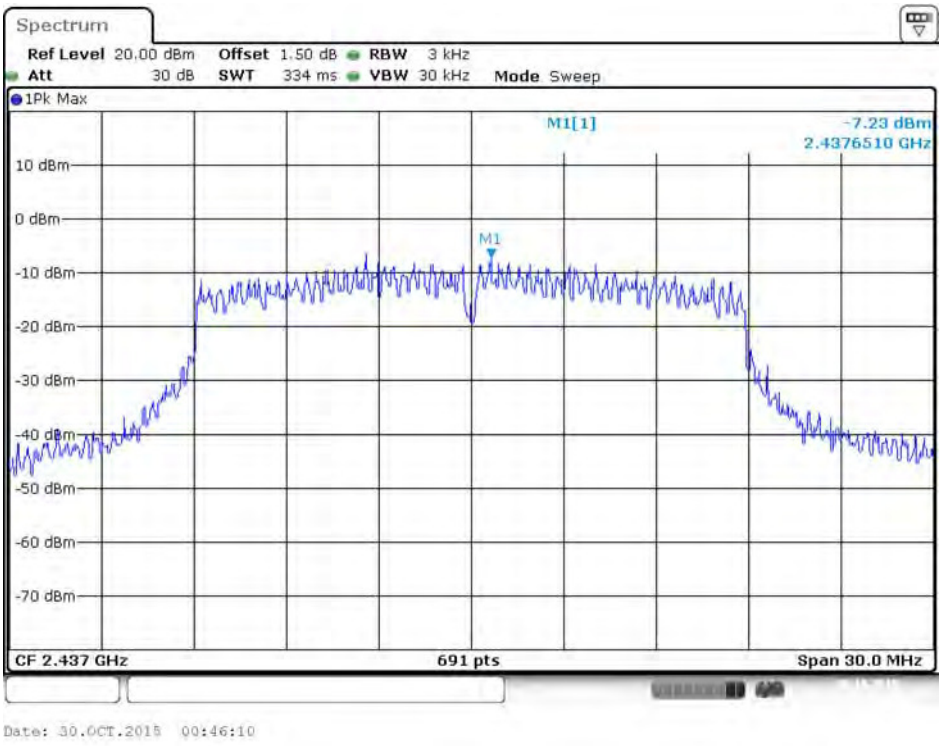
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 4



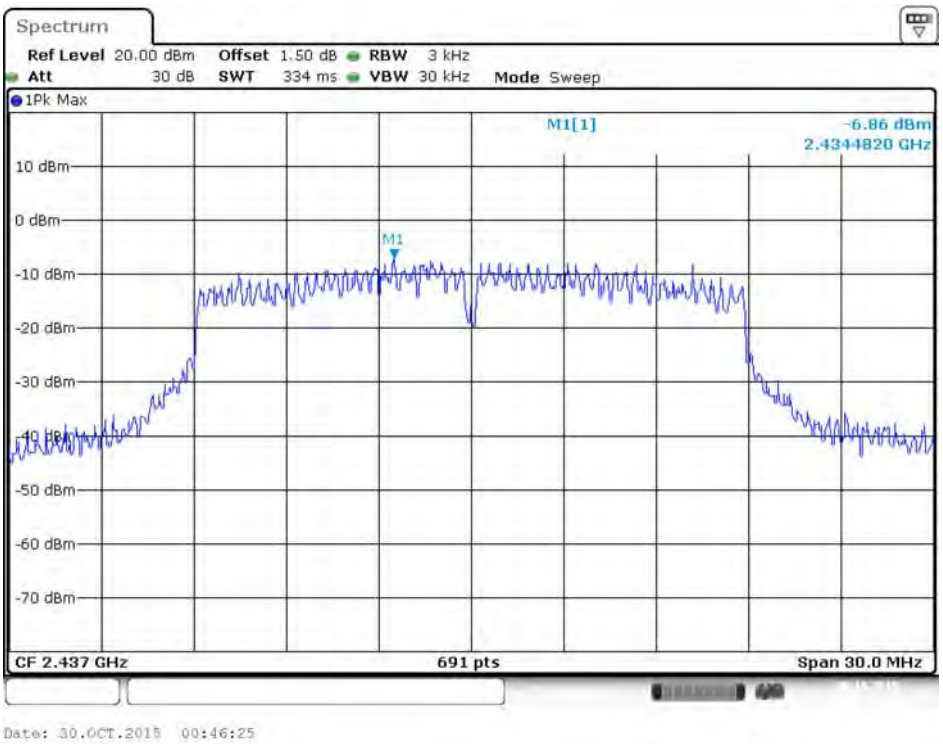
Date: 30.OCT.2015 10:11:28

Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi / 2TX)

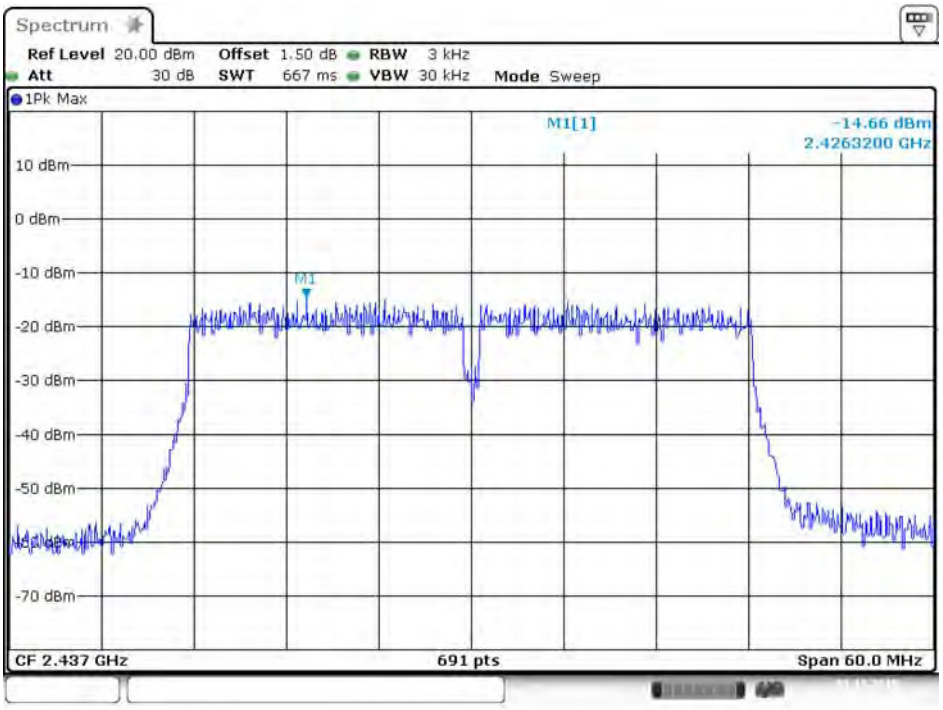
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2

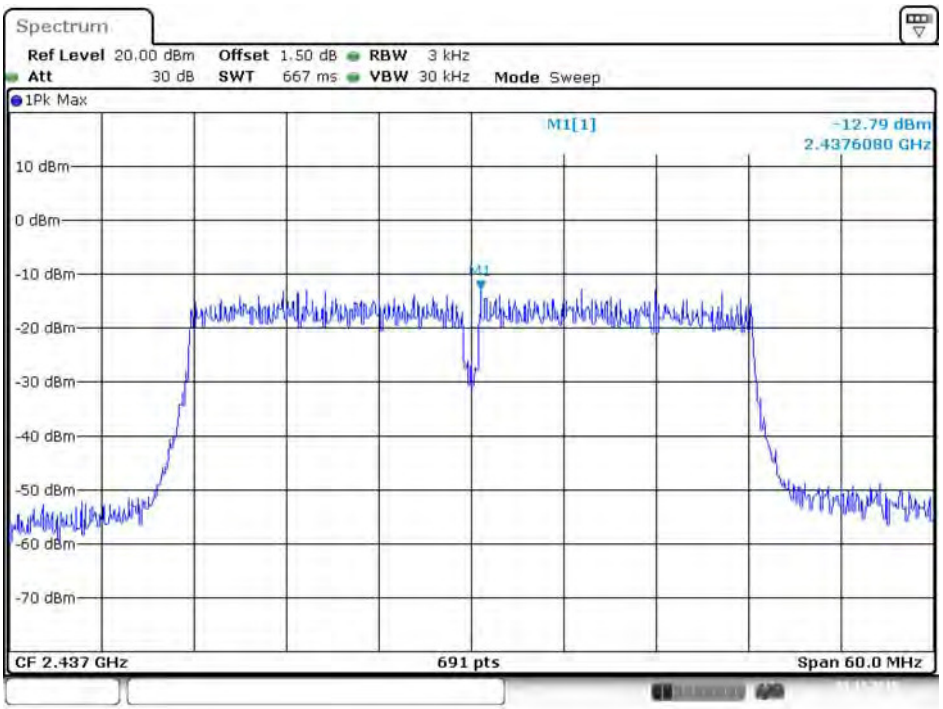


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



Date: 1.NOV.2015 00:53:51

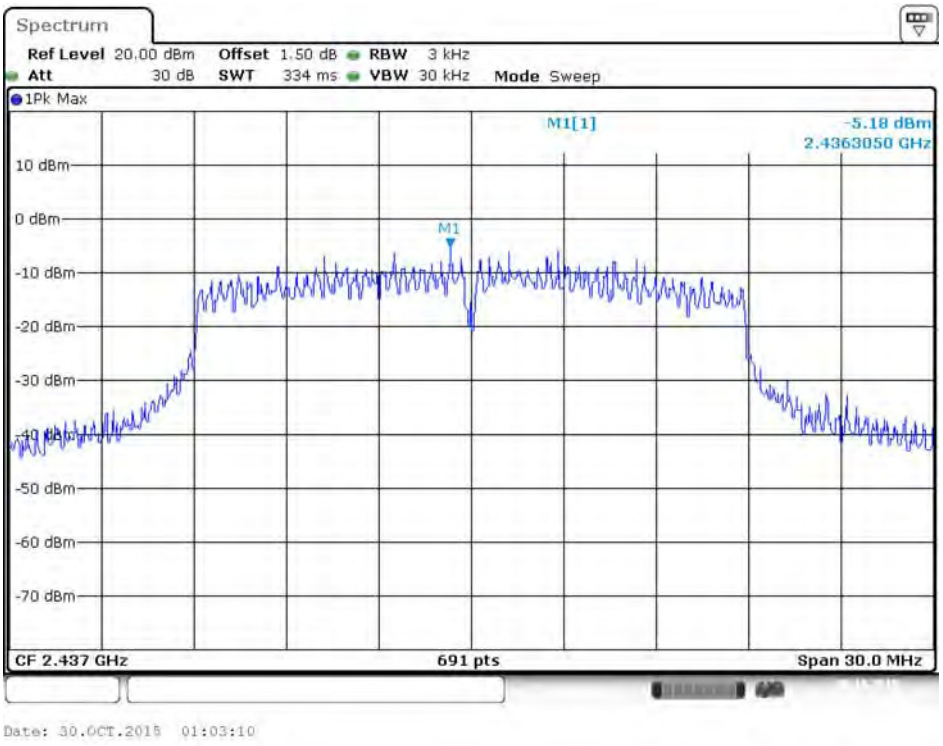
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



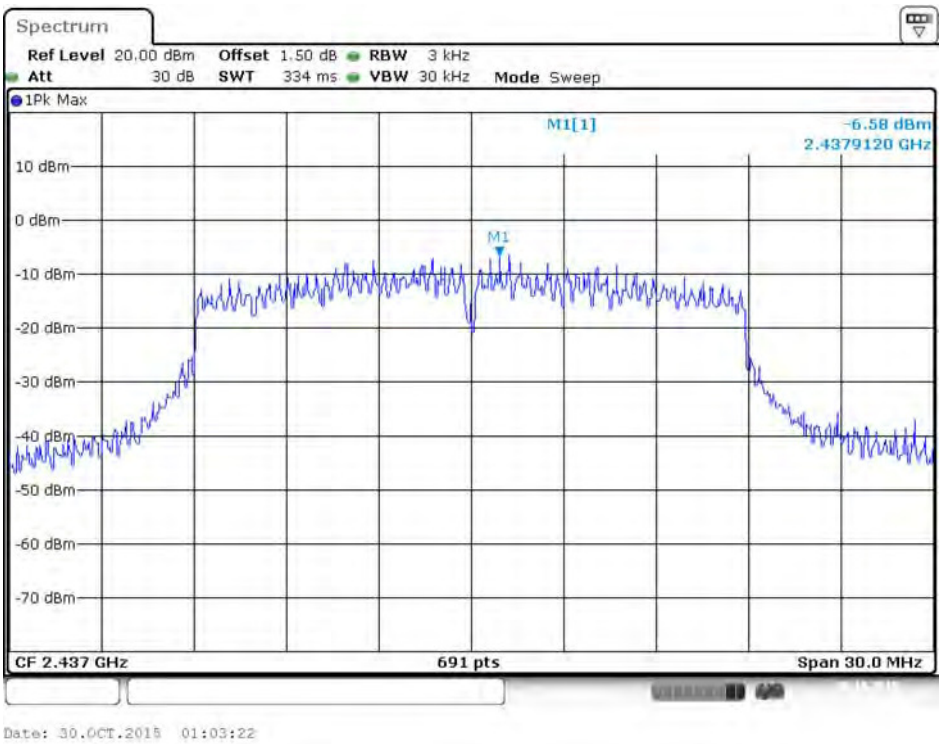
Date: 1.NOV.2015 00:53:44

Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi / 3TX)

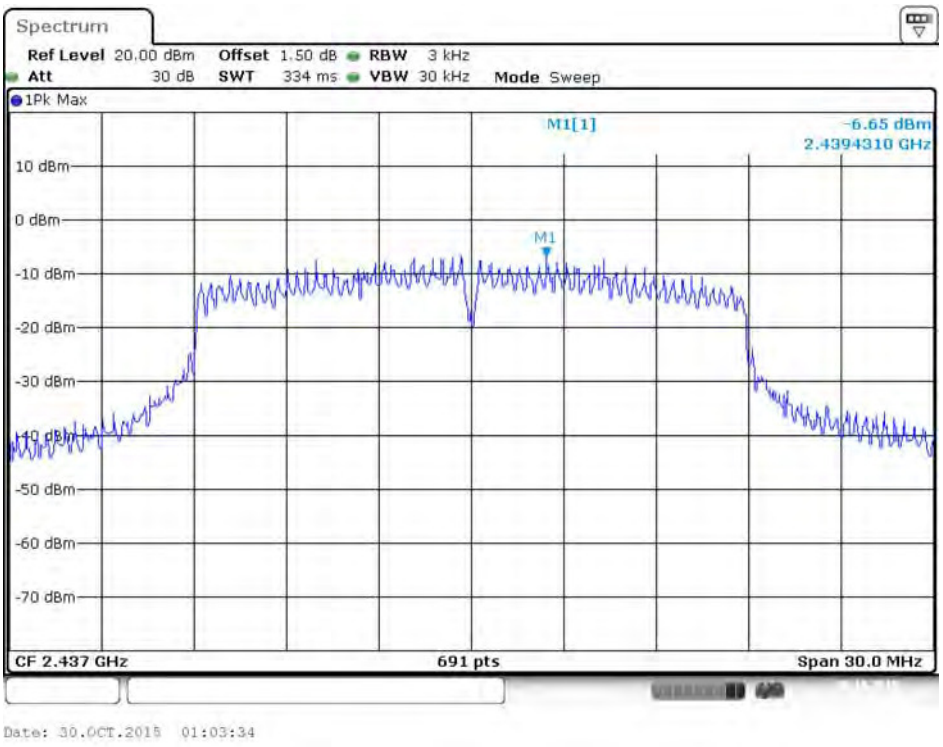
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



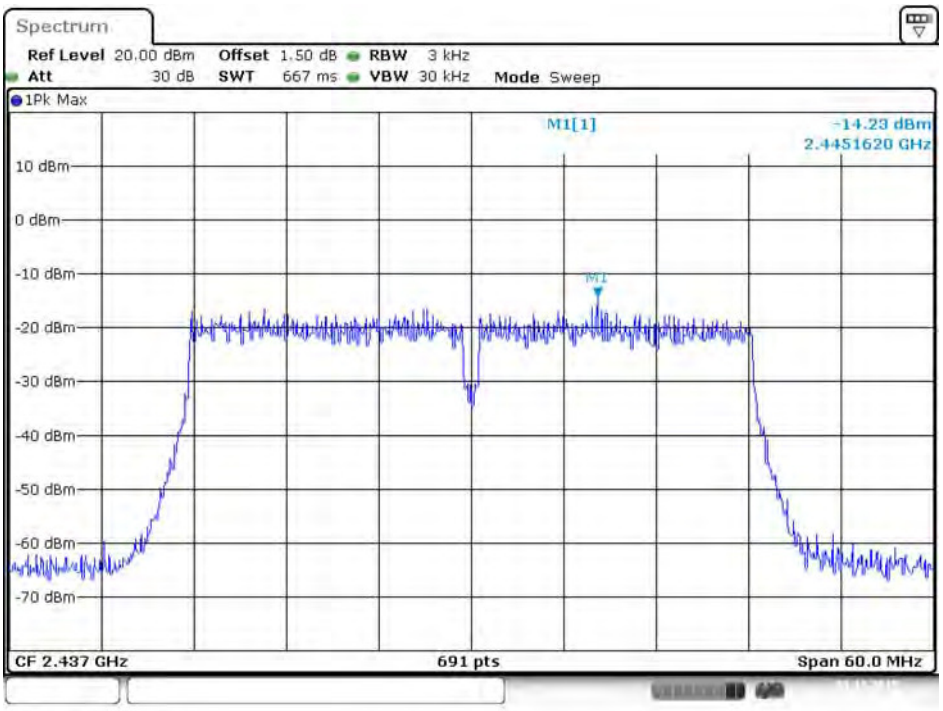
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3

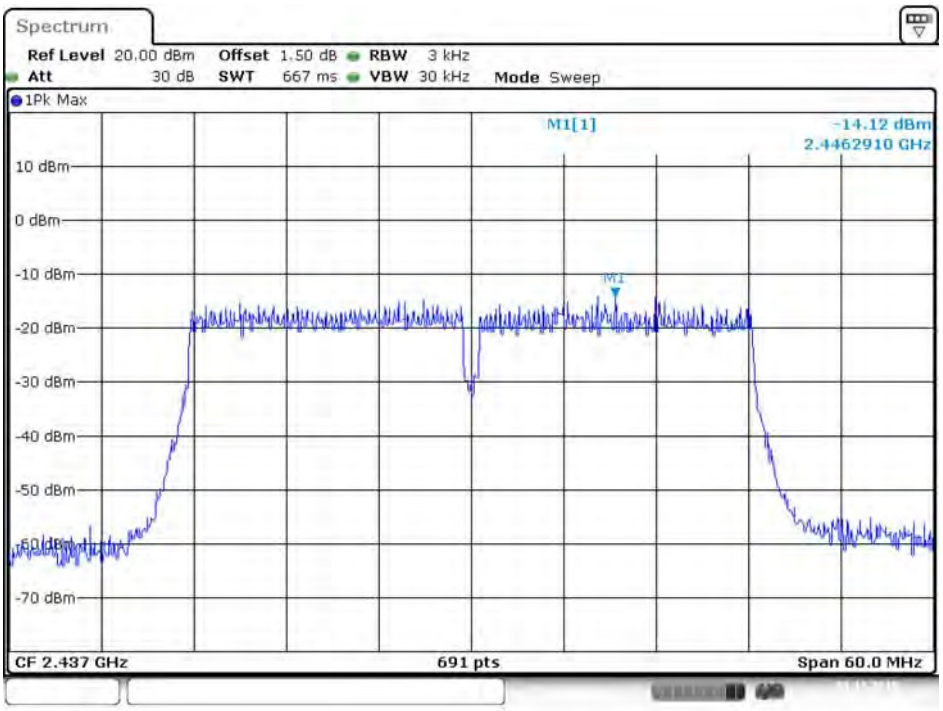


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



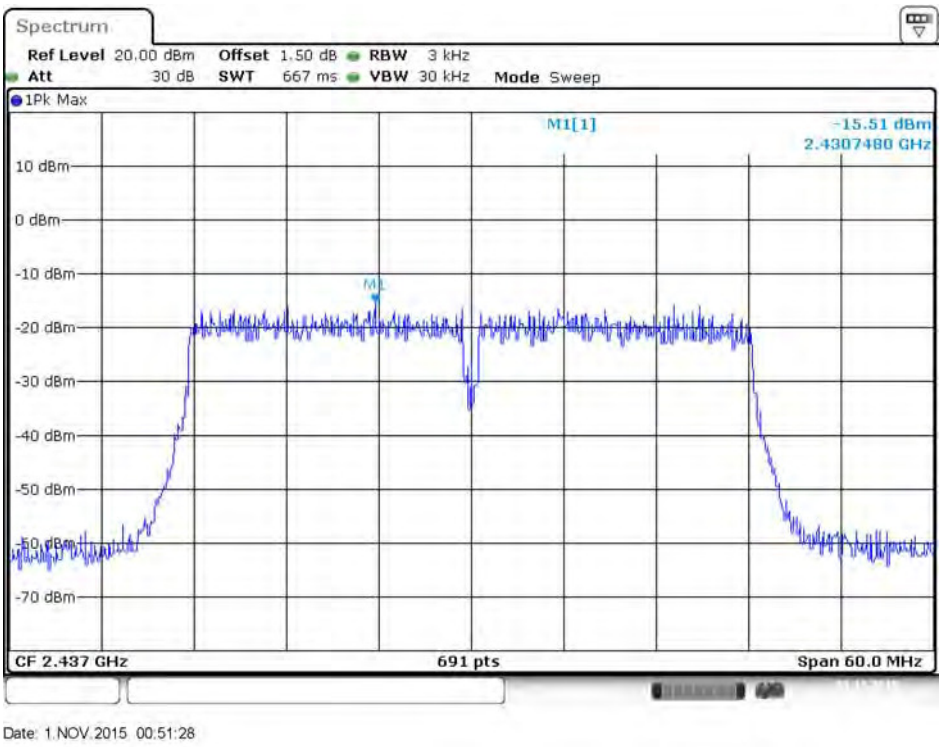
Date: 1.NOV.2015 00:51:05

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



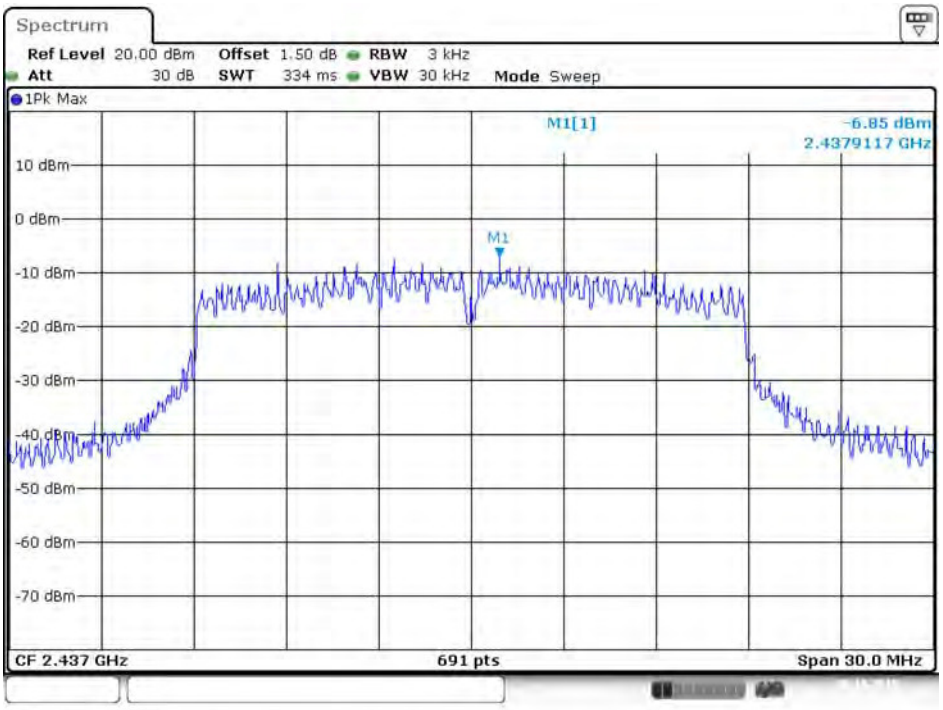
Date: 1.NOV.2015 00:51:16

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3

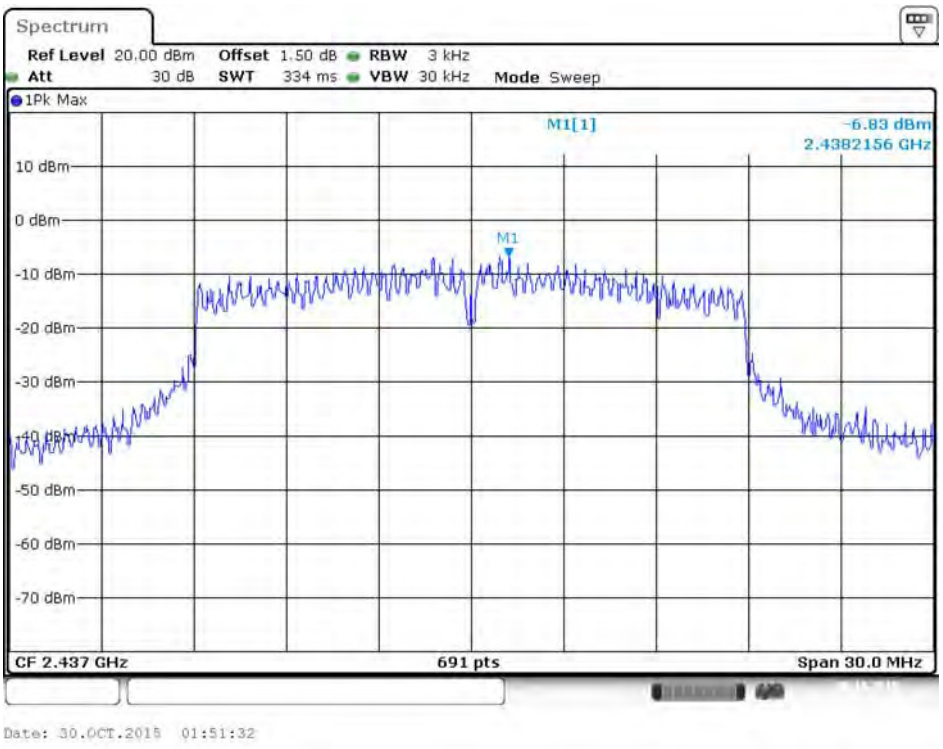


Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

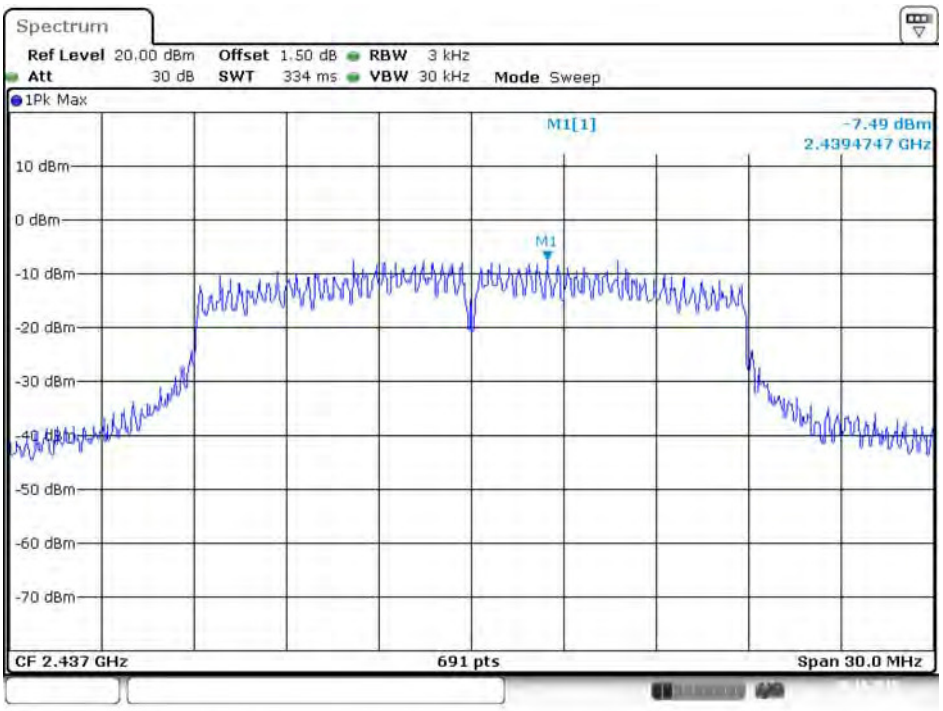
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



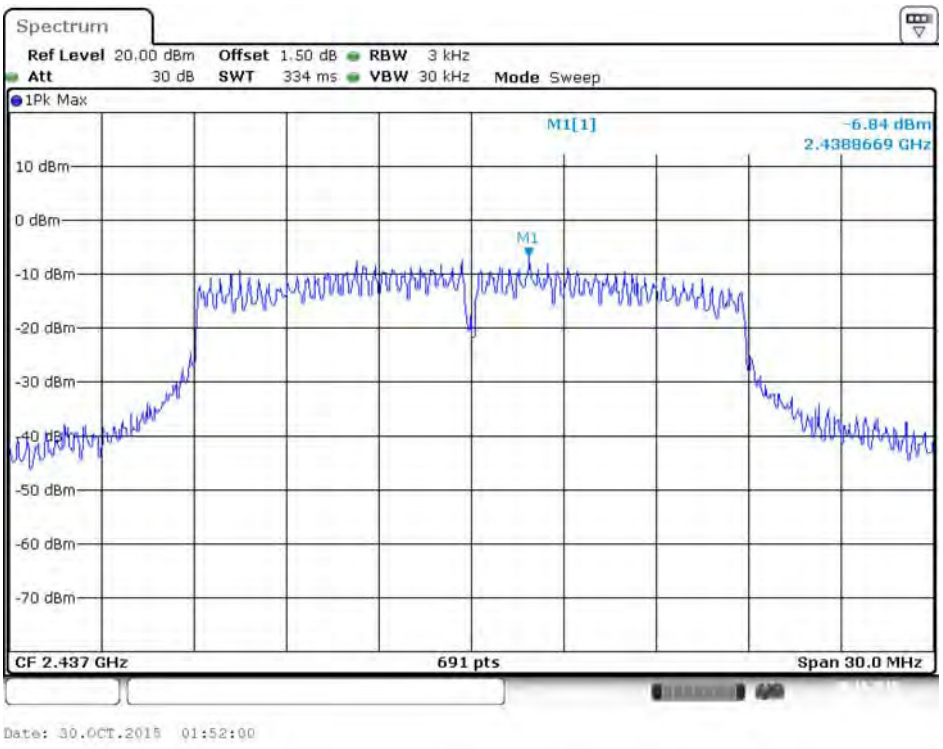
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



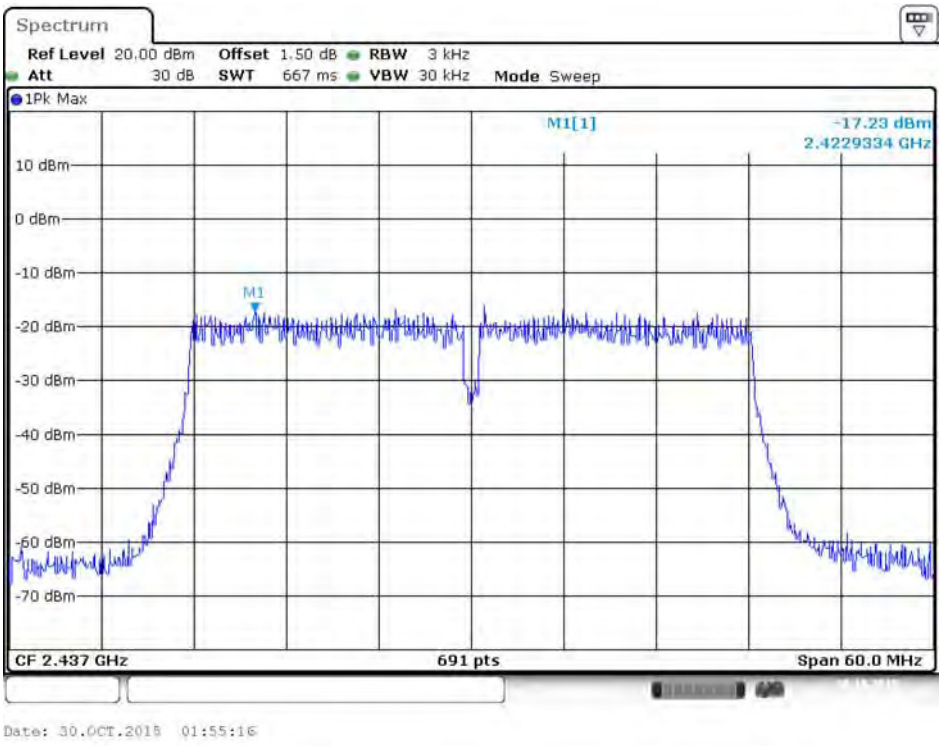
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



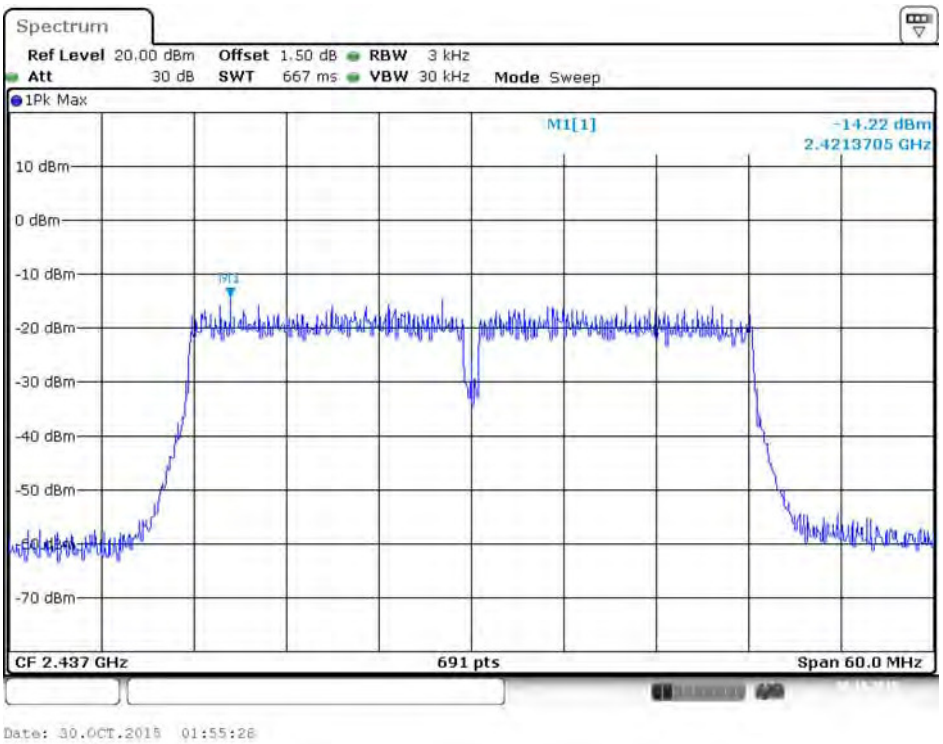
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 4



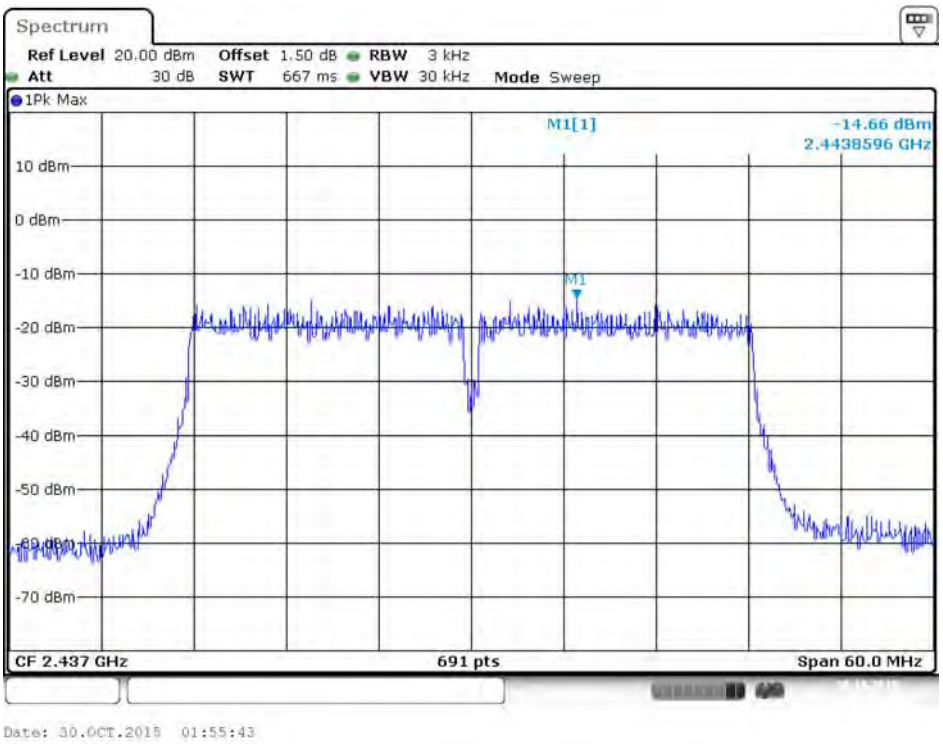
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



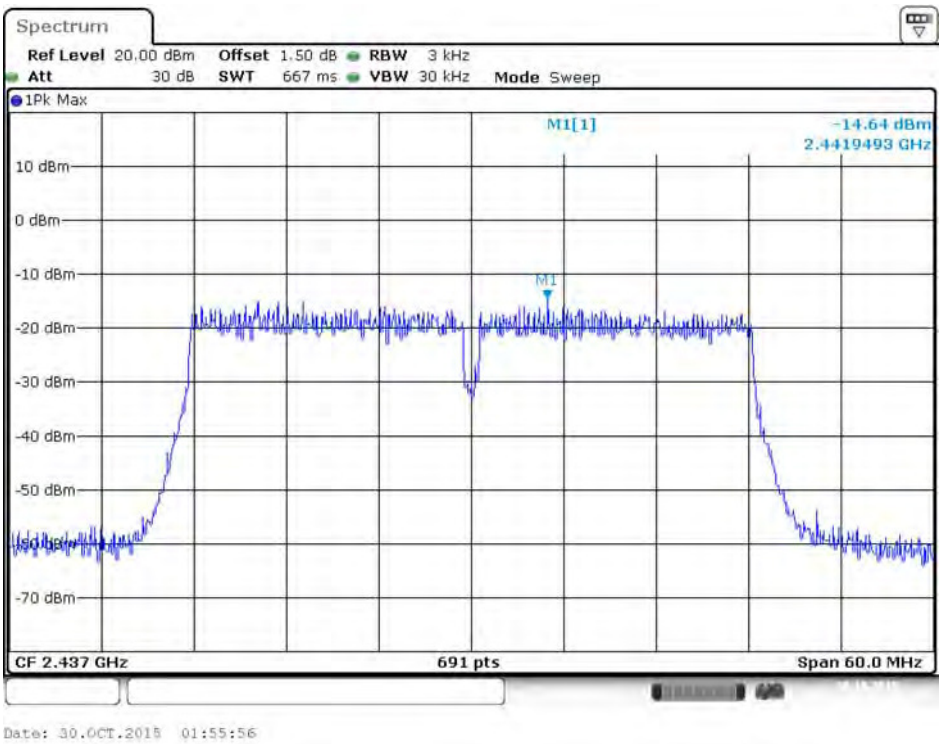
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3

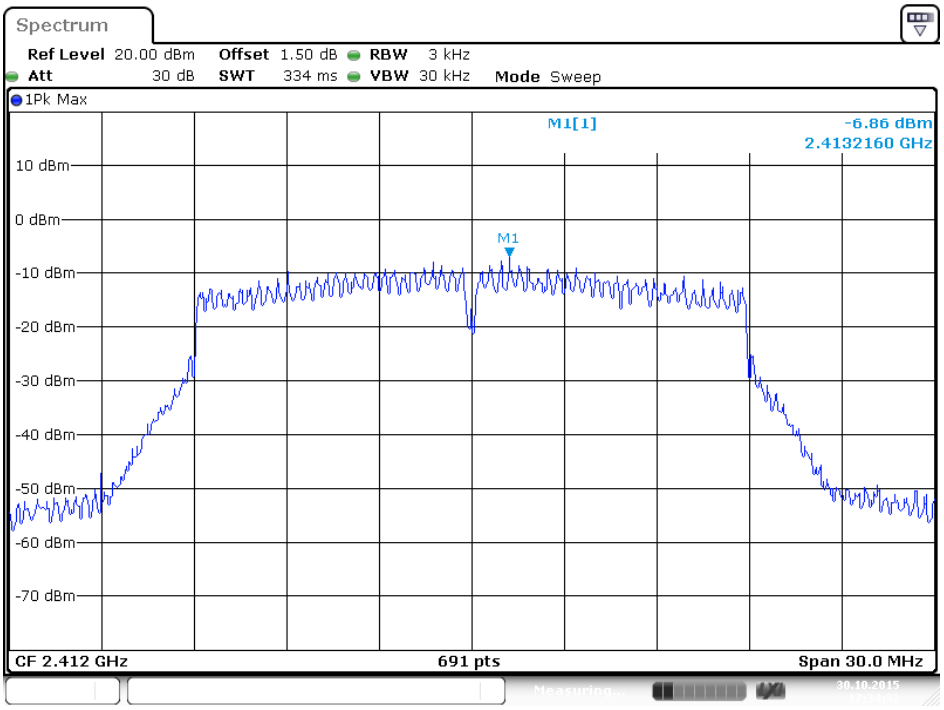


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 4



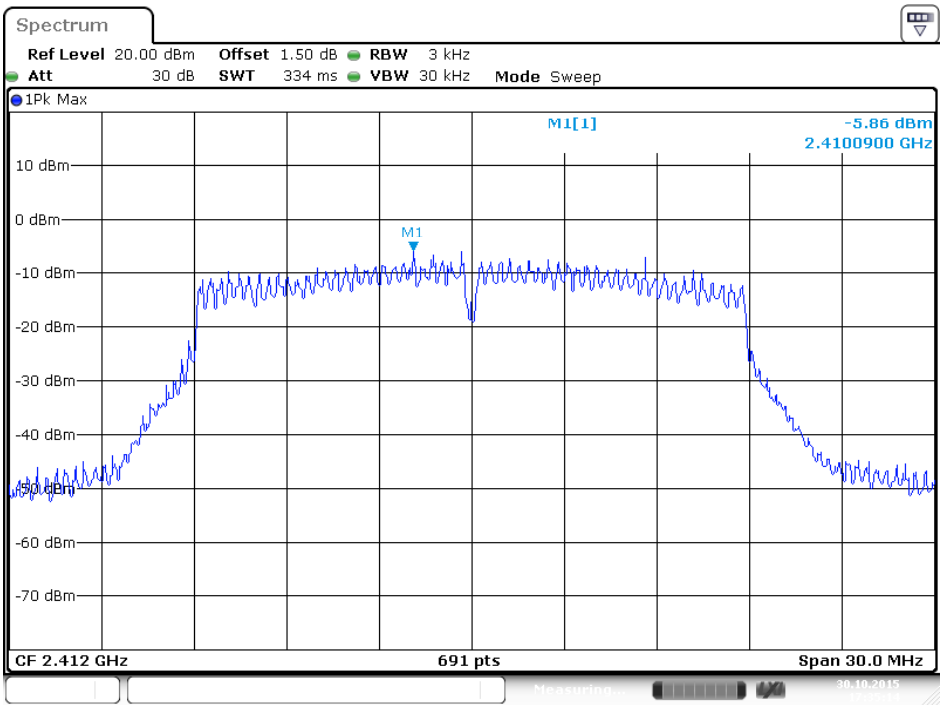
Mode 5 (Set 8 Patch antenna / 3.53dBi / 2TX)

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1



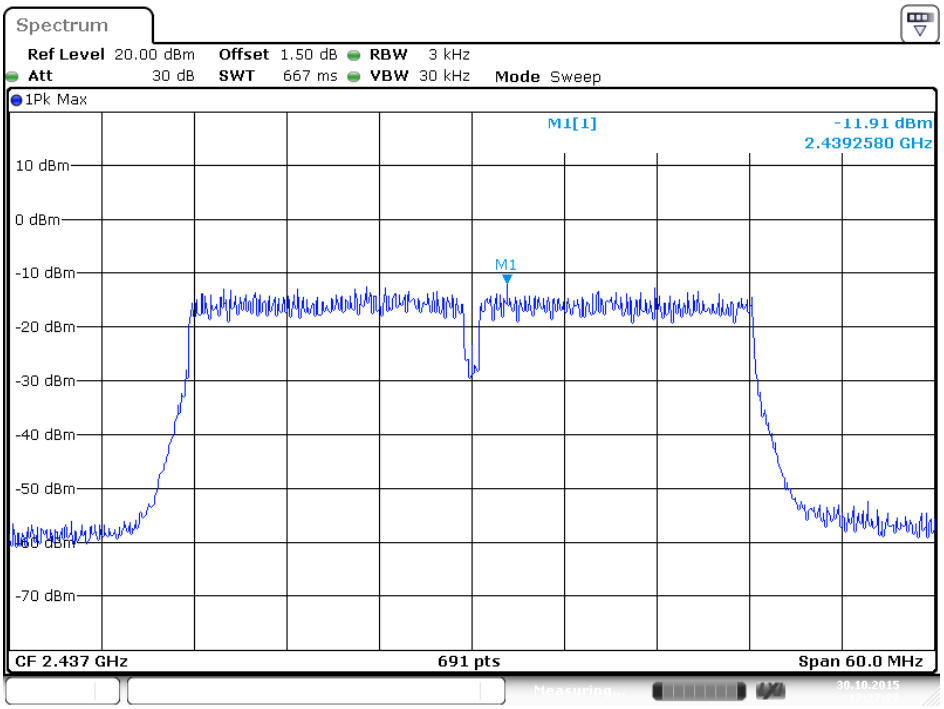
Date: 30.OCT.2015 17:34:32

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 2



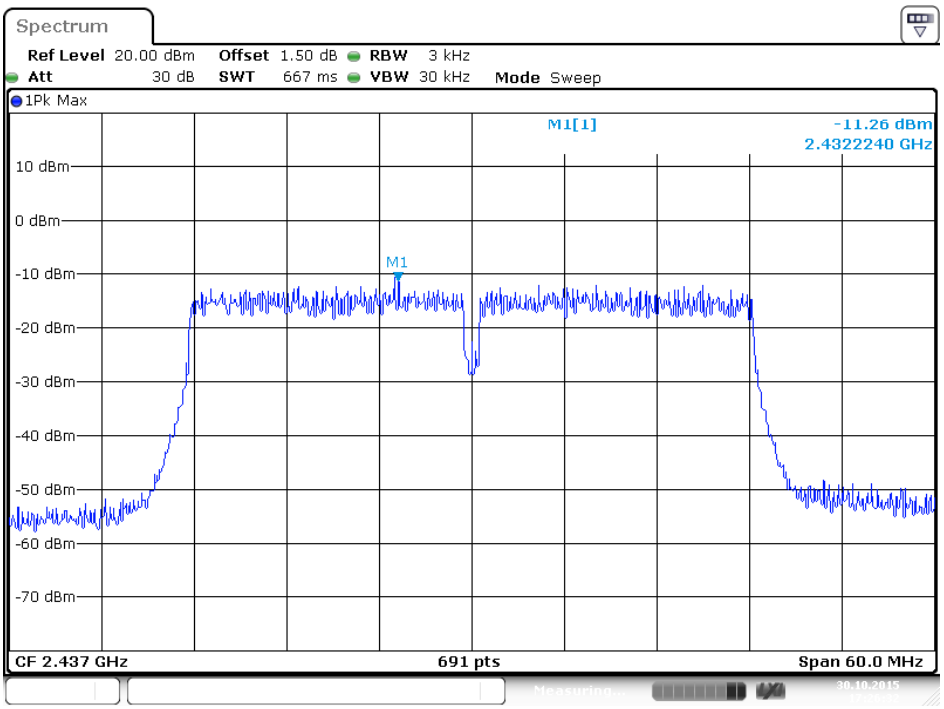
Date: 30.OCT.2015 17:35:14

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



Date: 30.OCT.2015 17:27:20

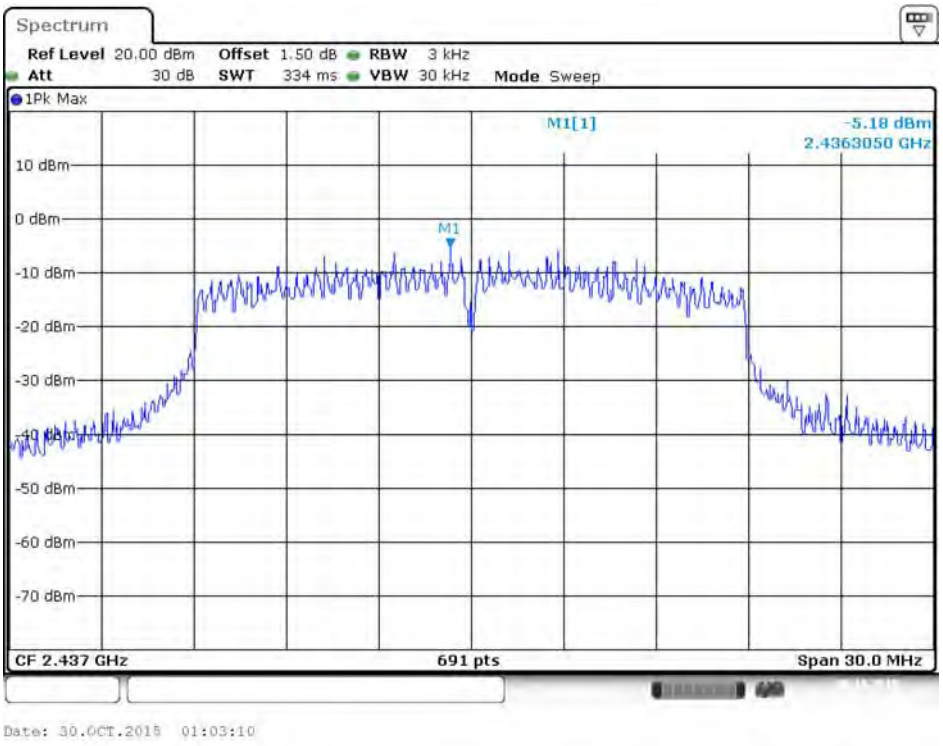
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



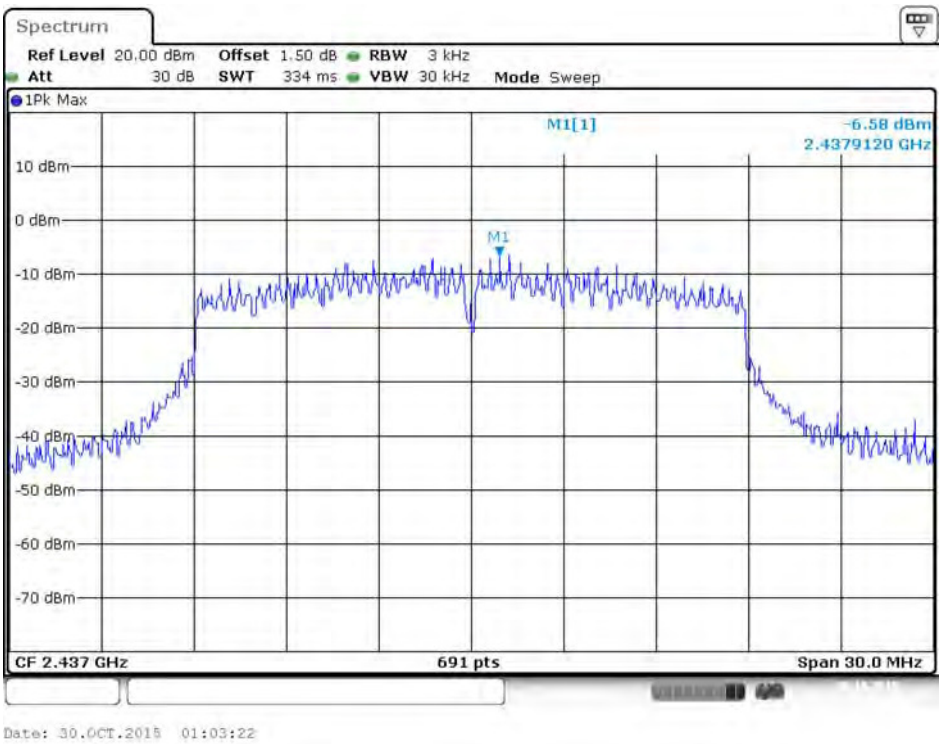
Date: 30.OCT.2015 17:26:31

Mode 5 (Set 8 Patch antenna / 3.53dBi / 3TX)

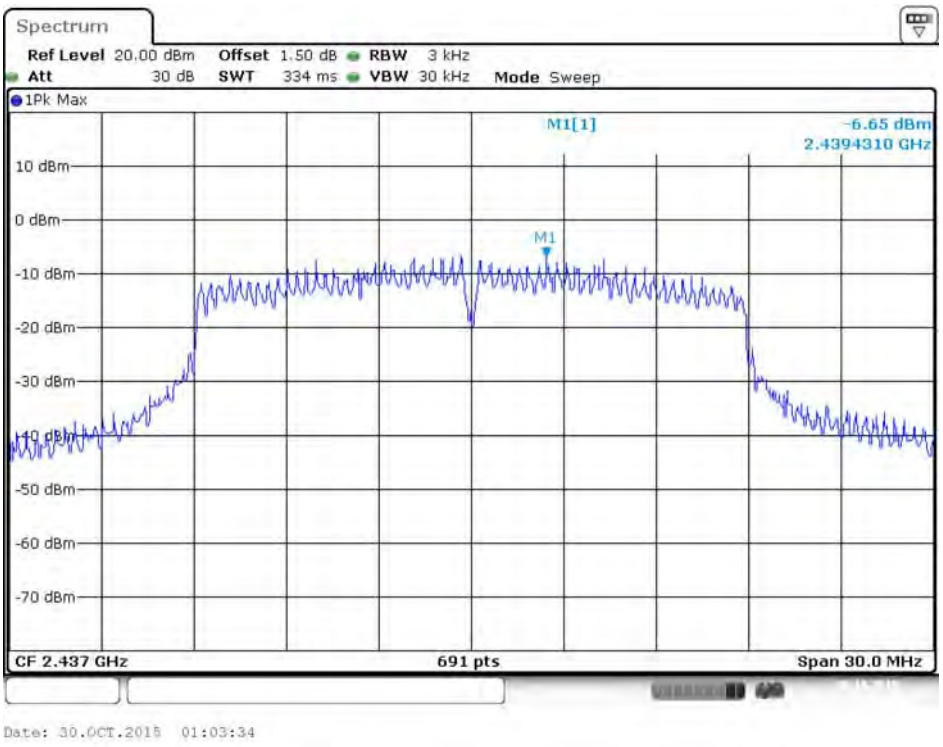
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



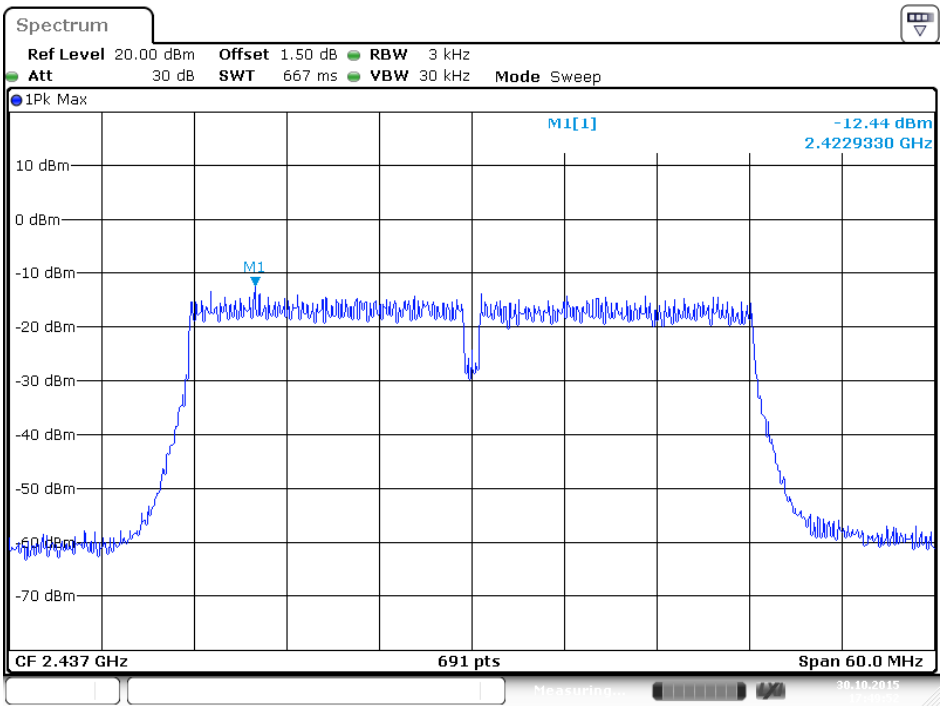
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3

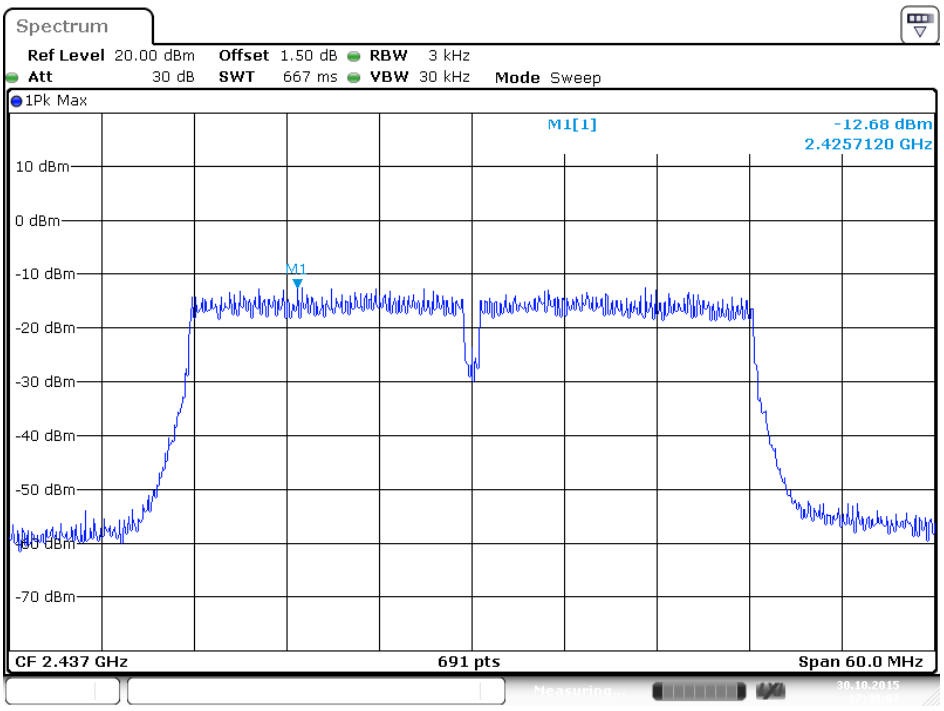


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



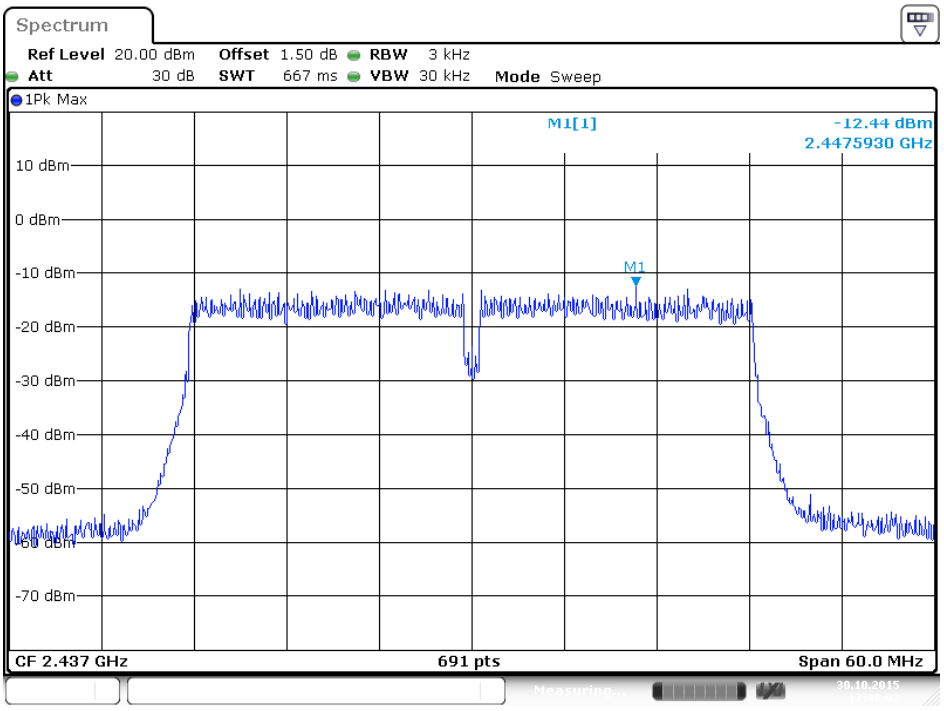
Date: 30.OCT.2015 17:49:52

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



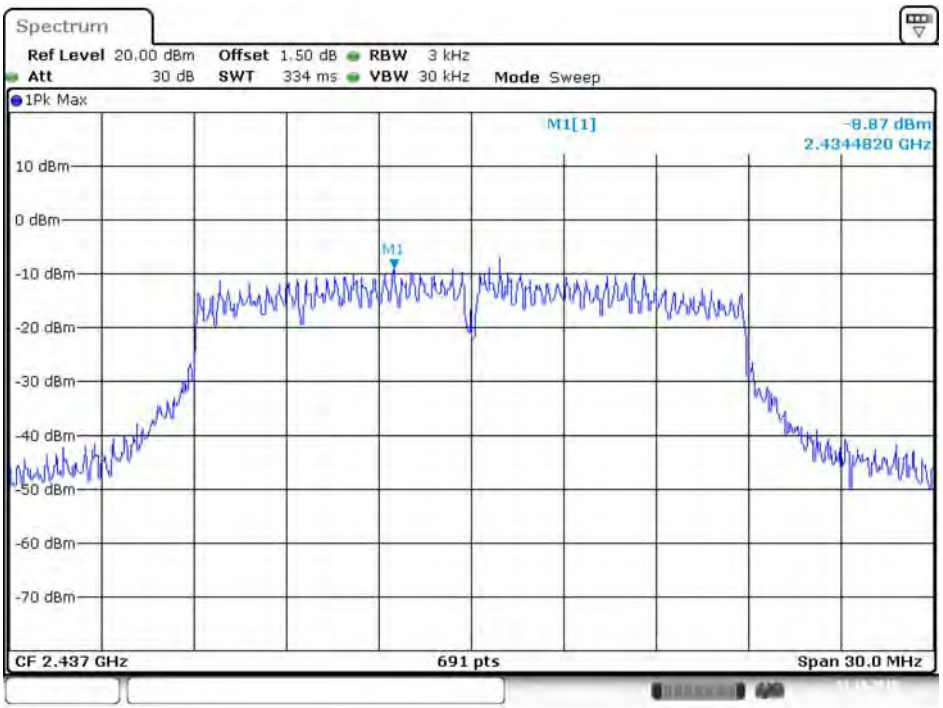
Date: 30.OCT.2015 17:49:08

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



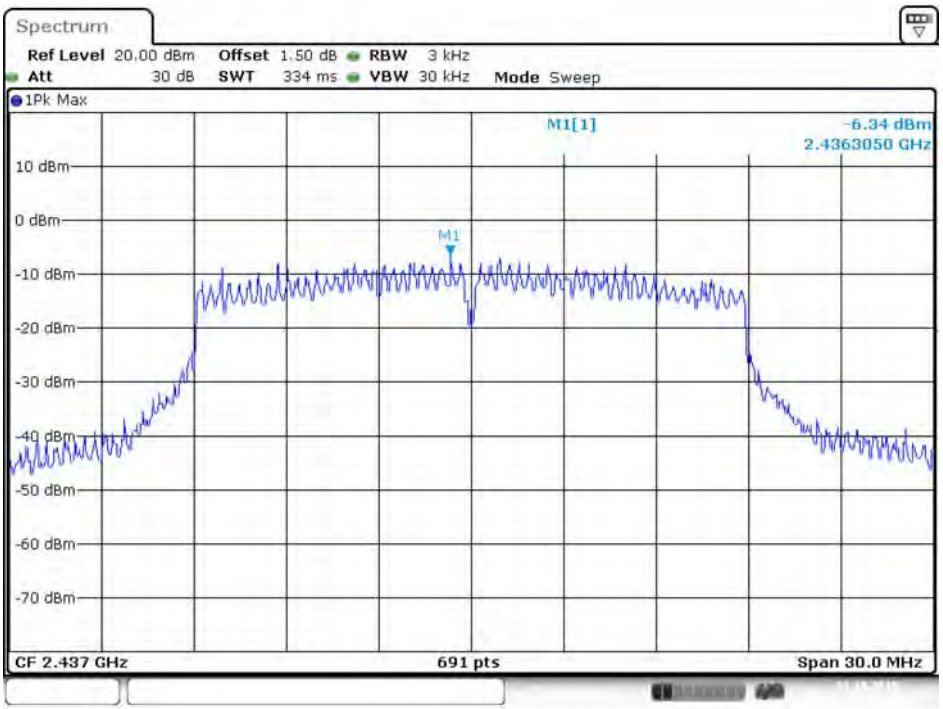
Mode 5 (Set 8 Patch antenna / 3.53dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



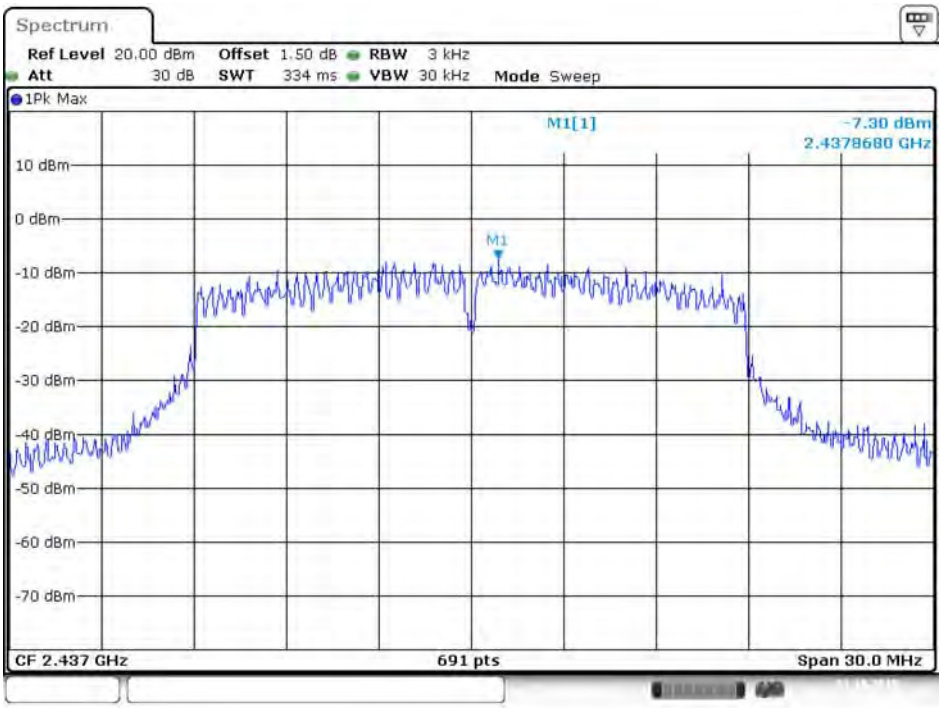
Date: 31.OCT.2015 23:15:40

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



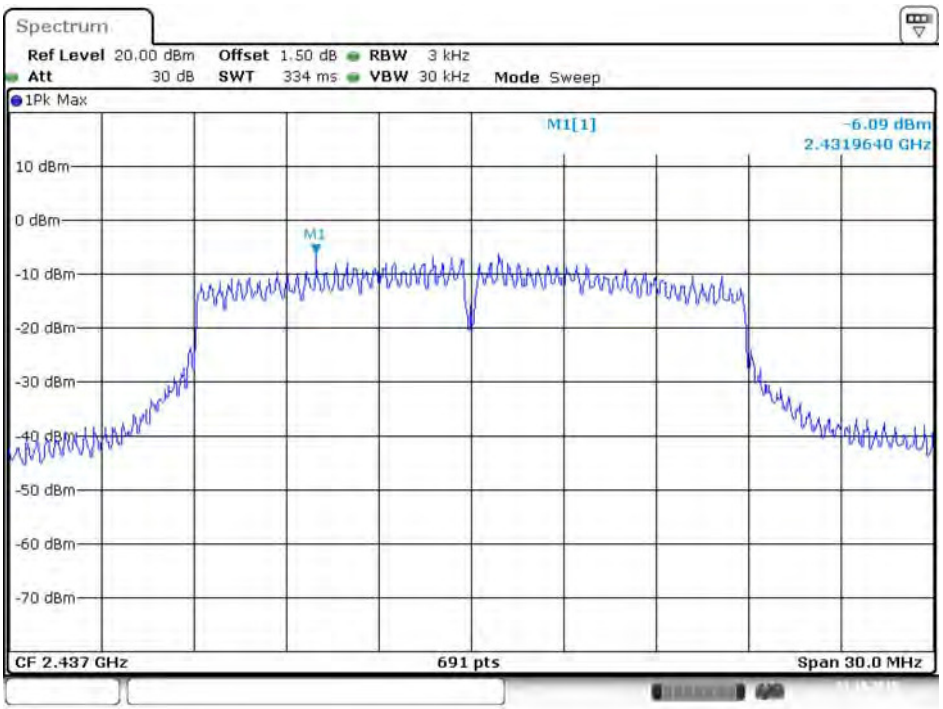
Date: 31.OCT.2015 23:15:48

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



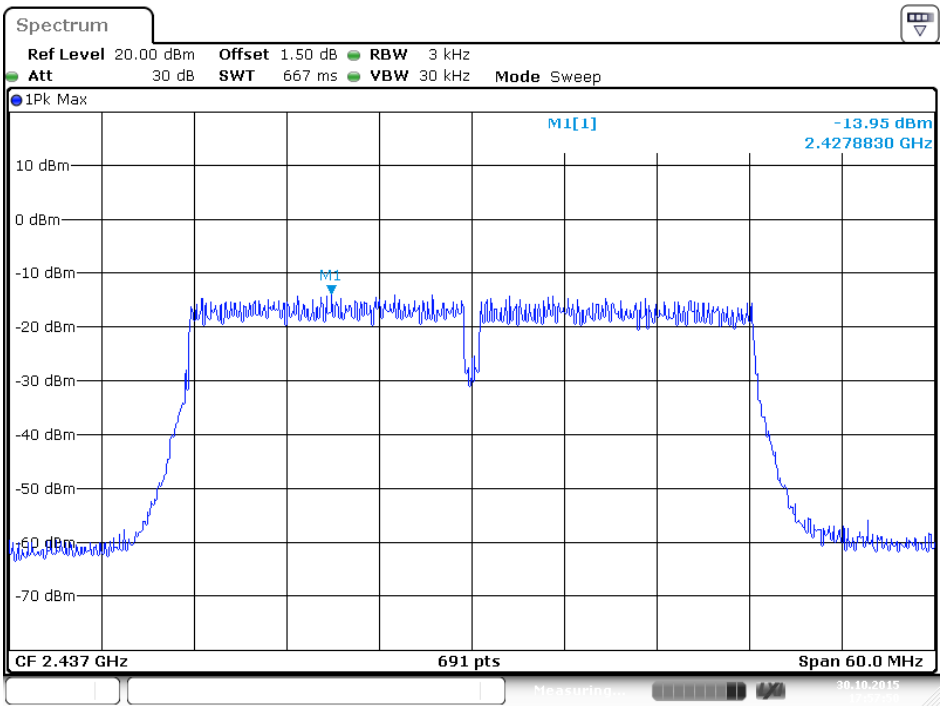
Date: 31.OCT.2015 23:16:02

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 4



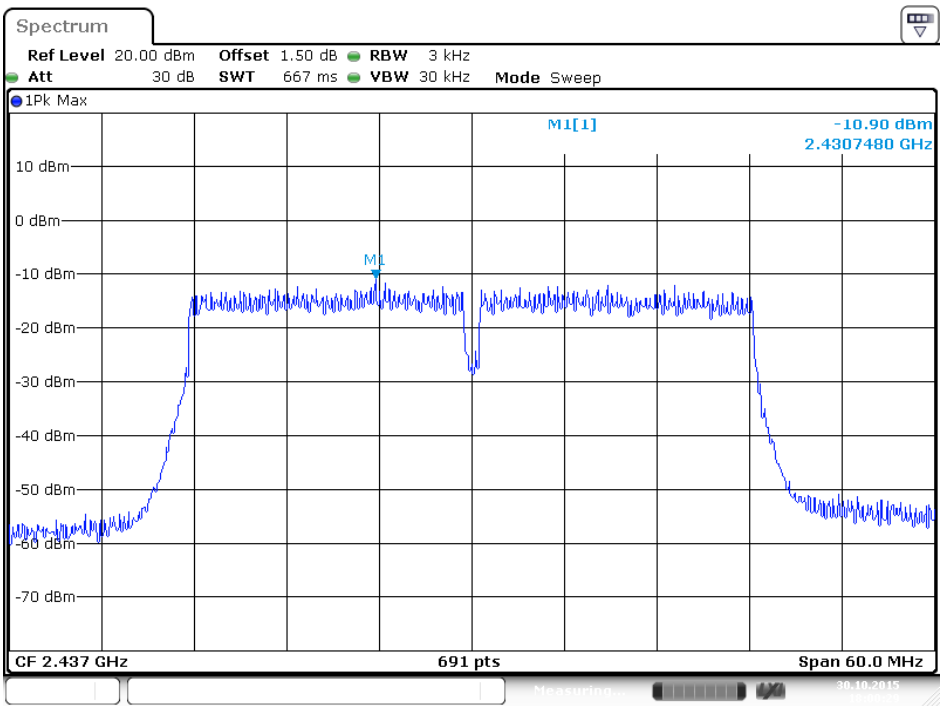
Date: 31.OCT.2015 23:16:11

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



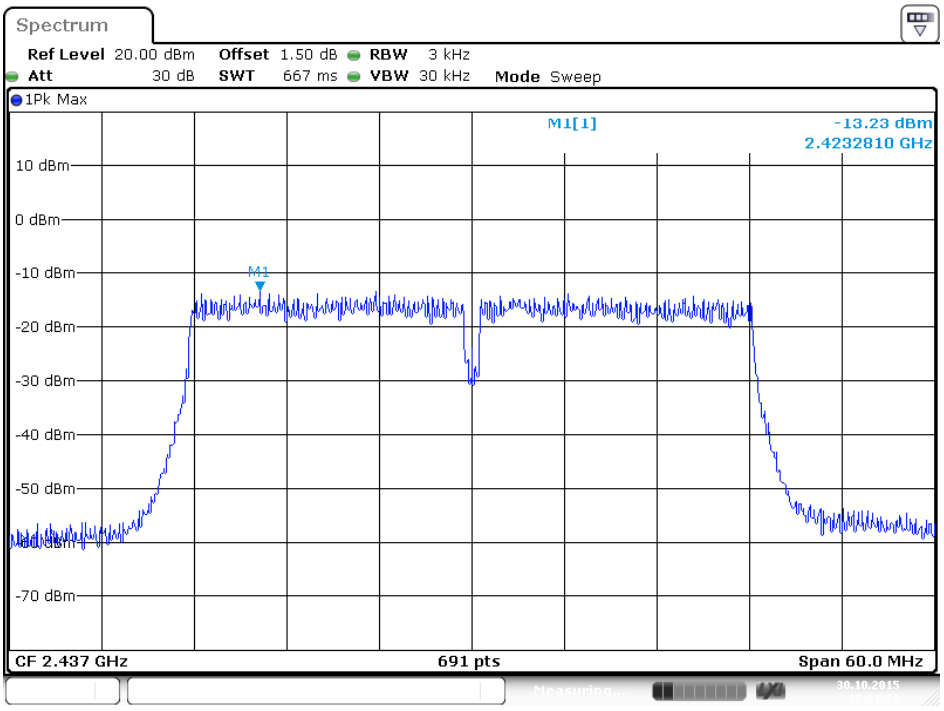
Date: 30.OCT.2015 17:57:50

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



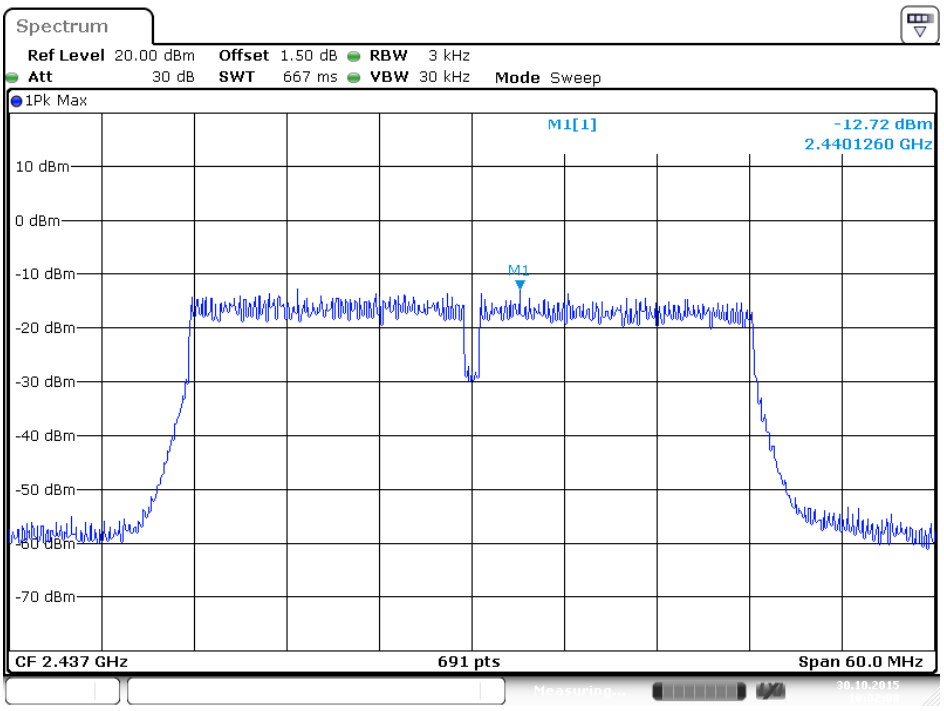
Date: 30.OCT.2015 18:00:29

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



Date: 30.OCT.2015 18:01:28

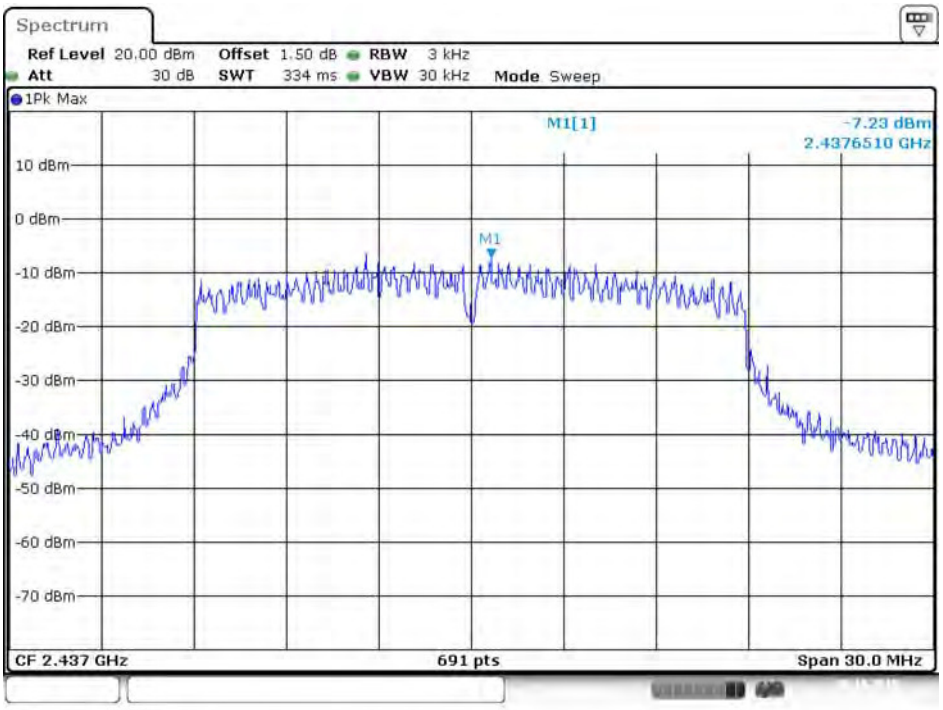
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 4



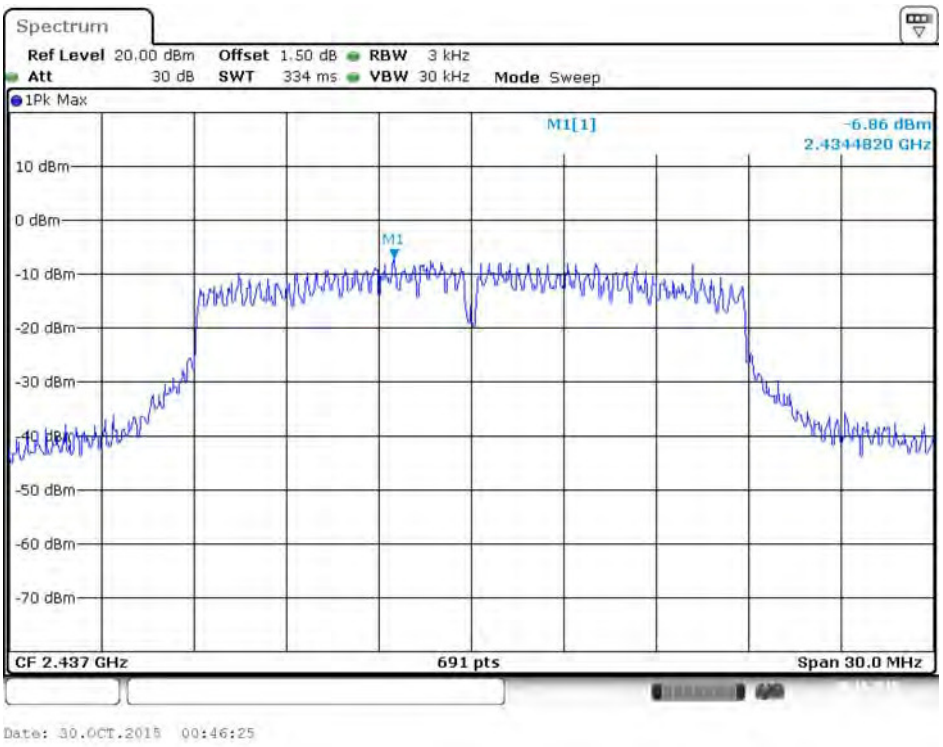
Date: 30.OCT.2015 18:02:09

Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi, Chain 2: 3.7dBi / 2TX)

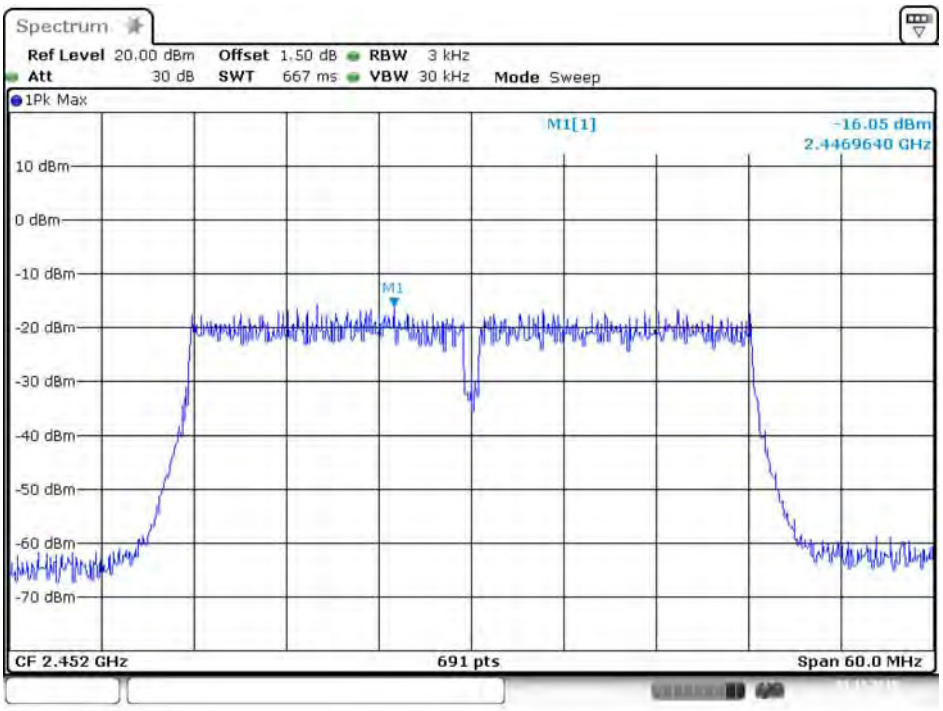
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2

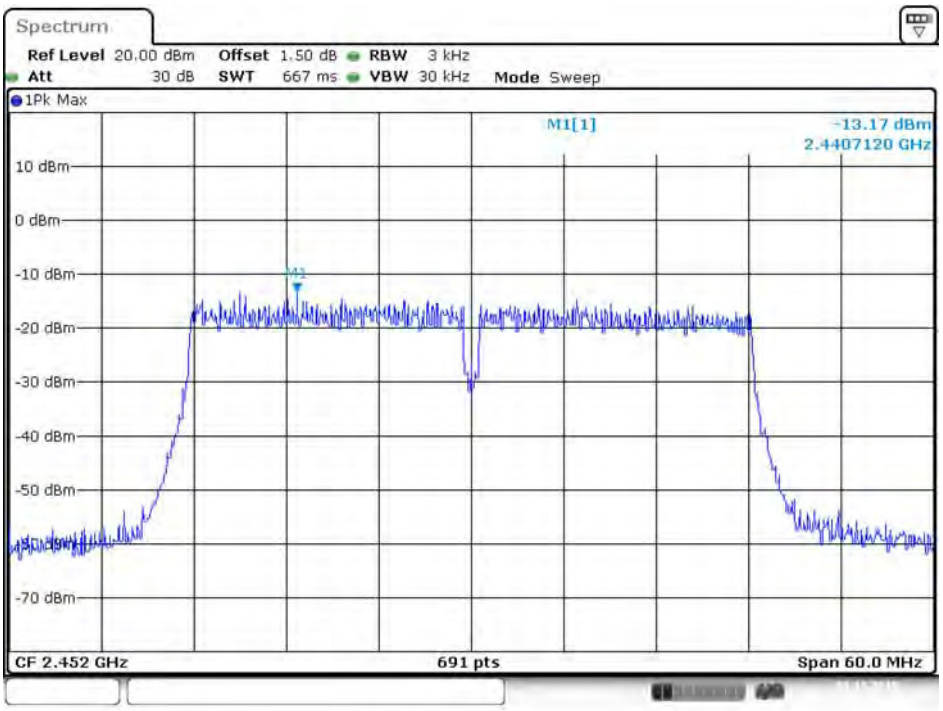


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1



Date: 1.NOV.2015 01:13:39

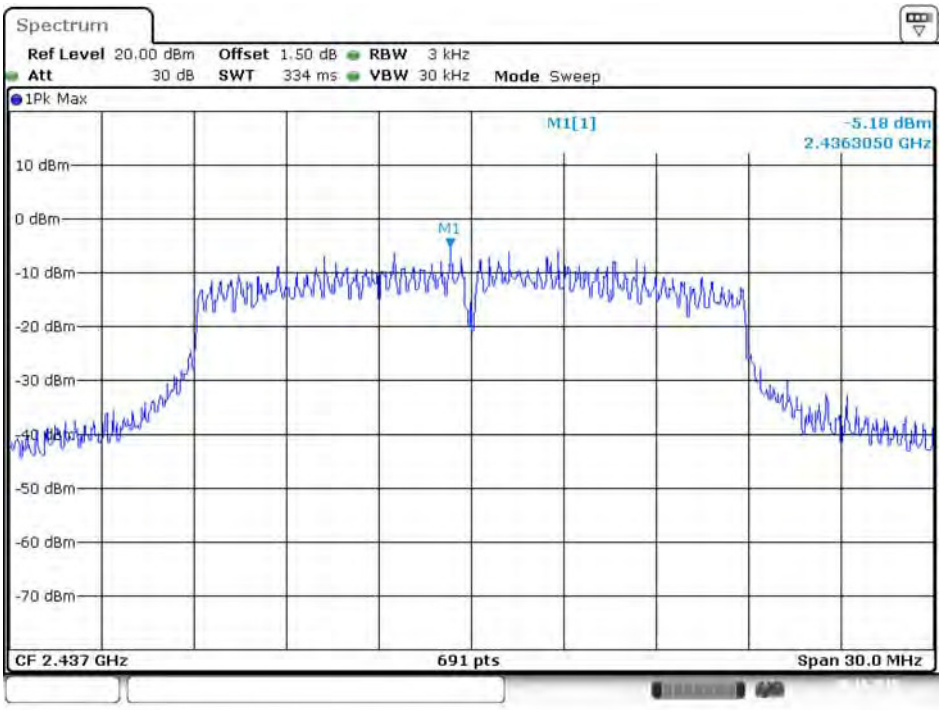
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 2



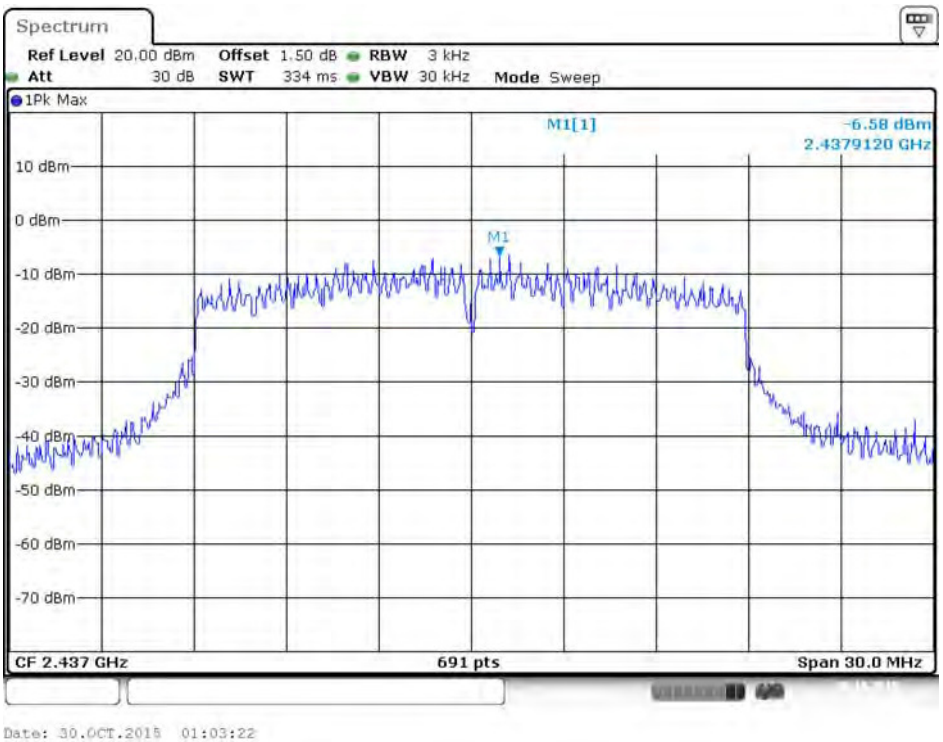
Date: 1.NOV.2015 01:13:51

Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi, Chain 2: 3.7dBi , Chain 3: 3.2dBi / 3TX)

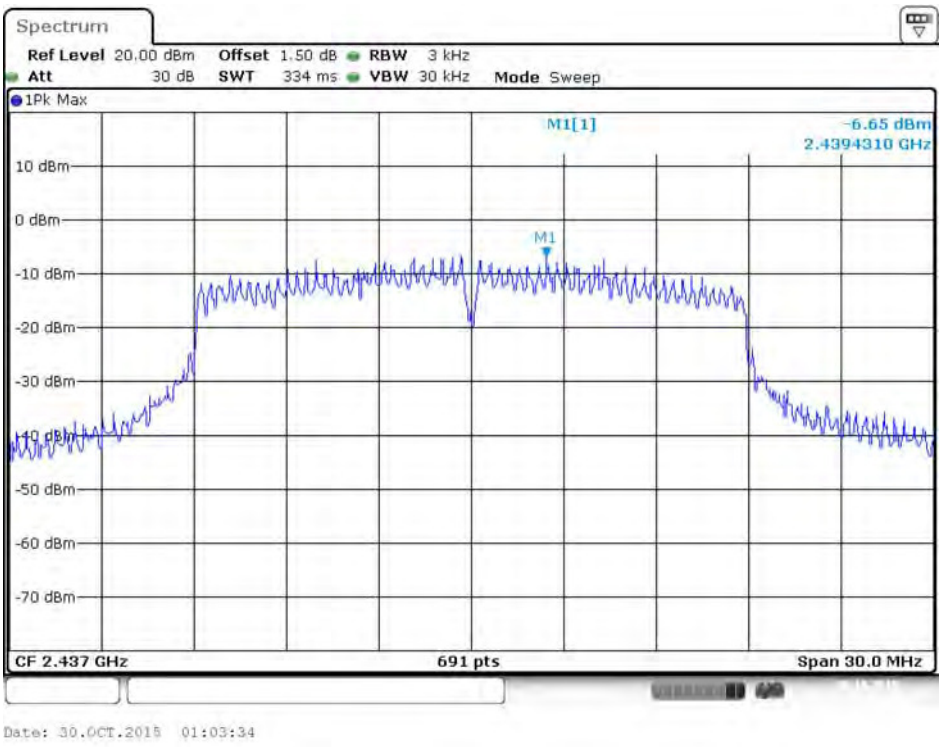
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



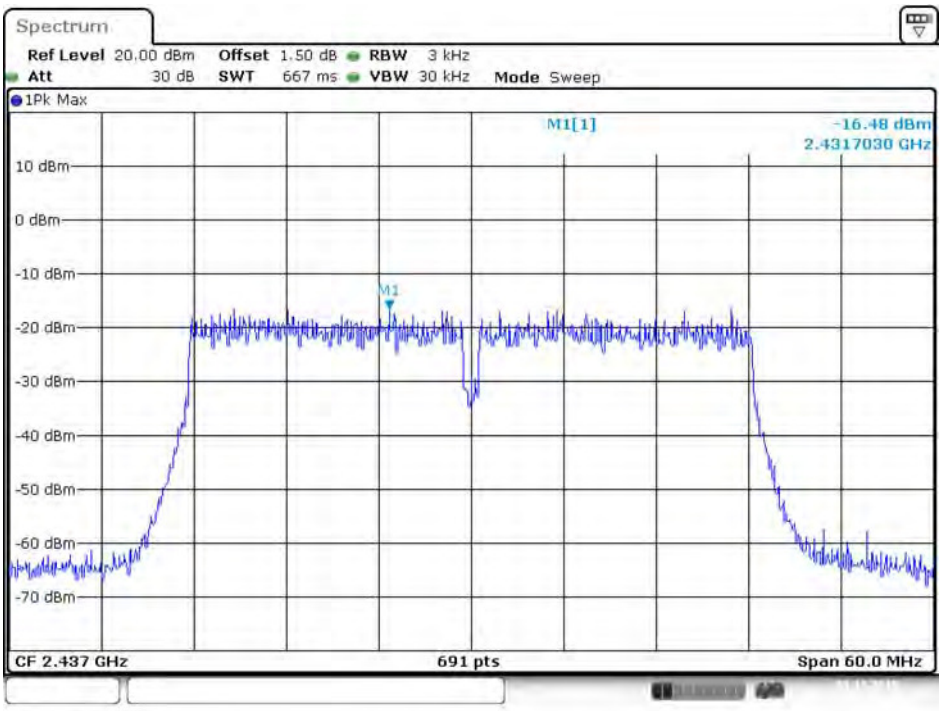
Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3

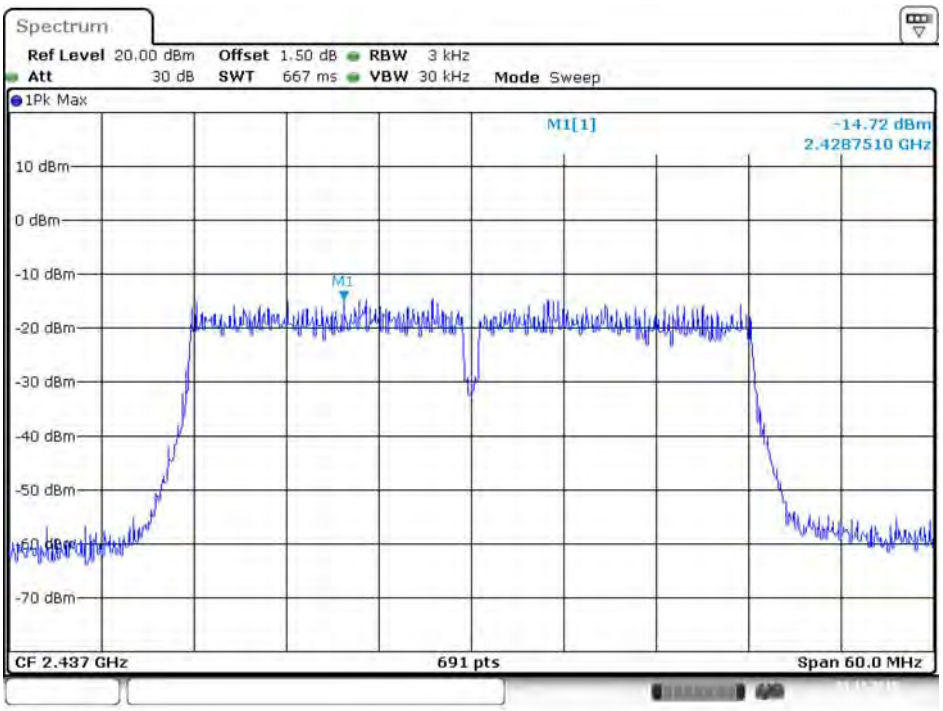


Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



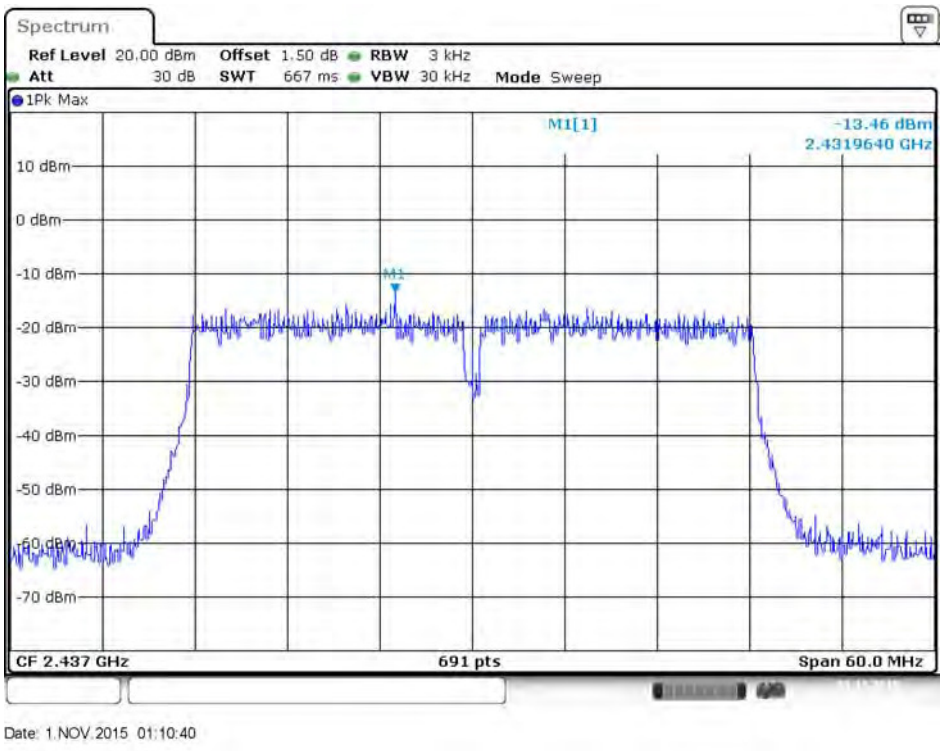
Date: 1.NOV.2015 01:10:15

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



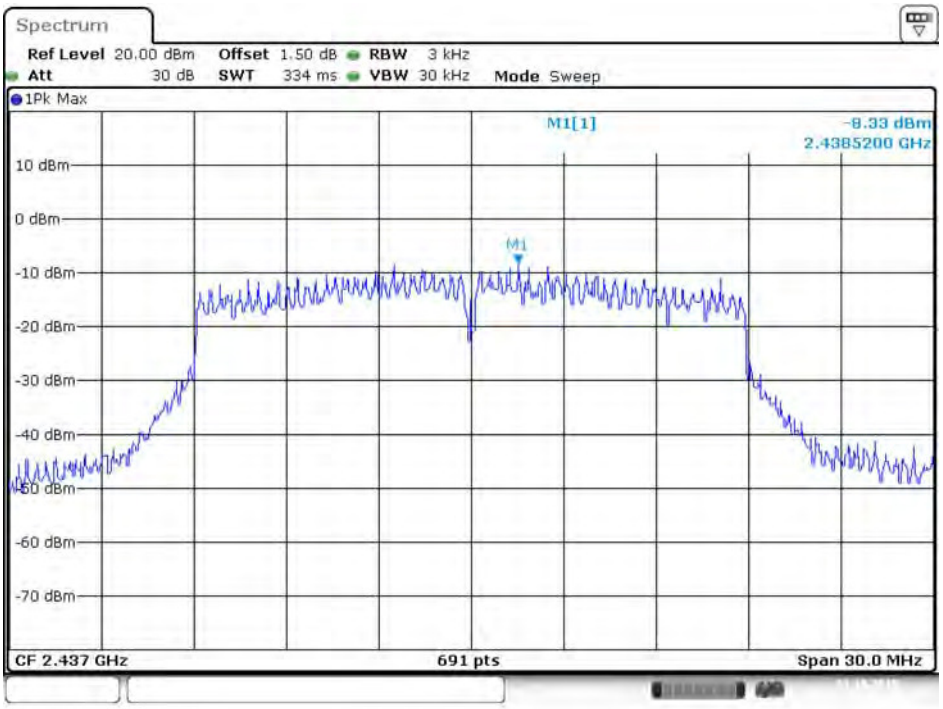
Date: 1.NOV.2015 01:10:29

Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



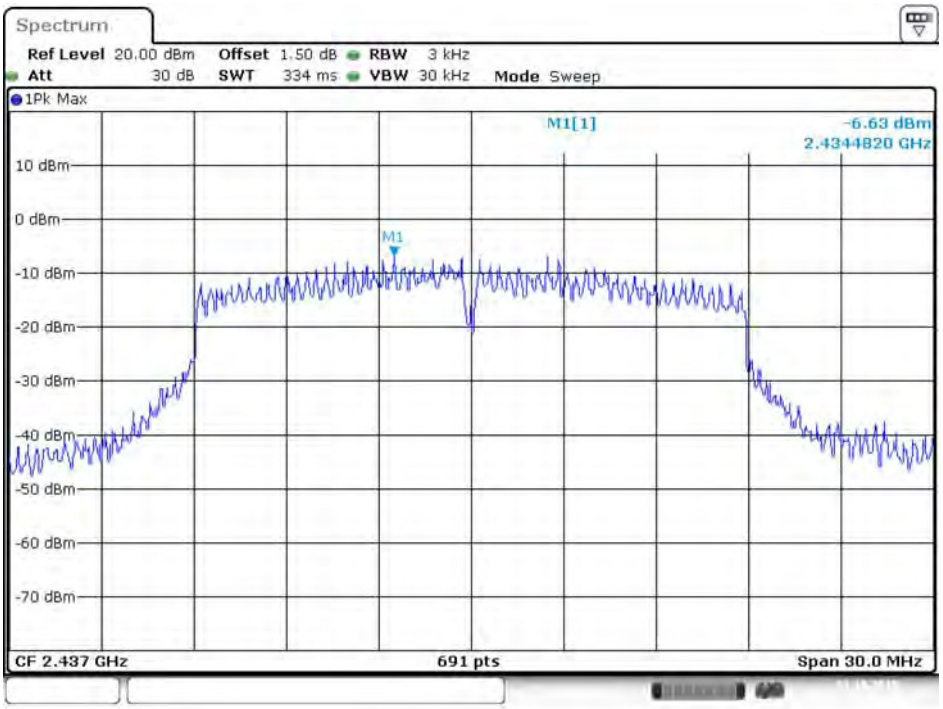
Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi, Chain 2: 3.7dBi , Chain 3: 3.2dBi , Chain 4: 4.5dBi / 4TX)

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



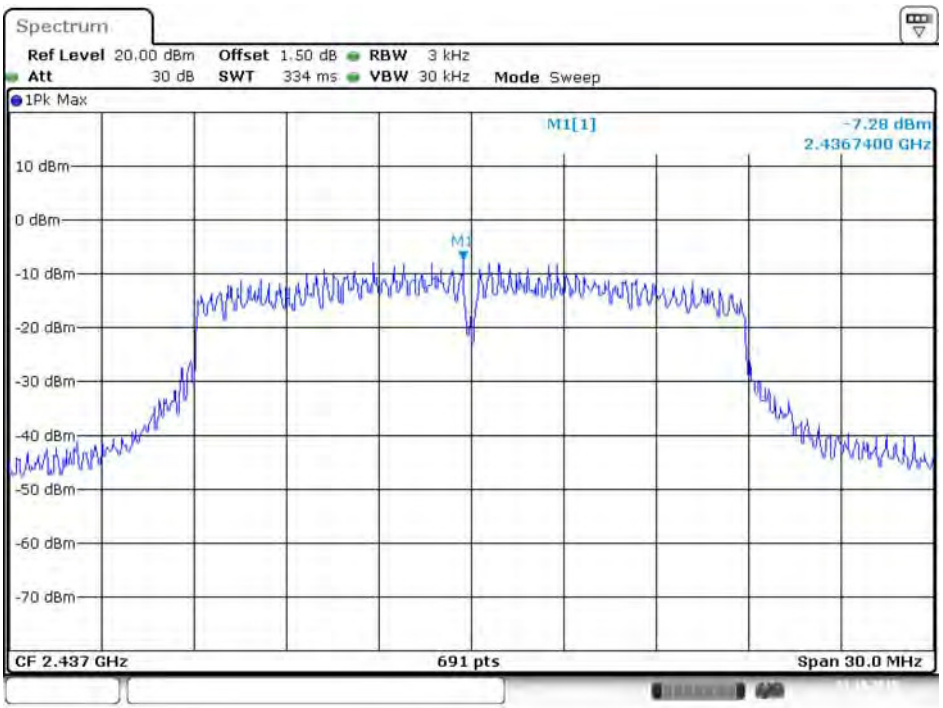
Date: 31.OCT.2015 22:35:06

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 2



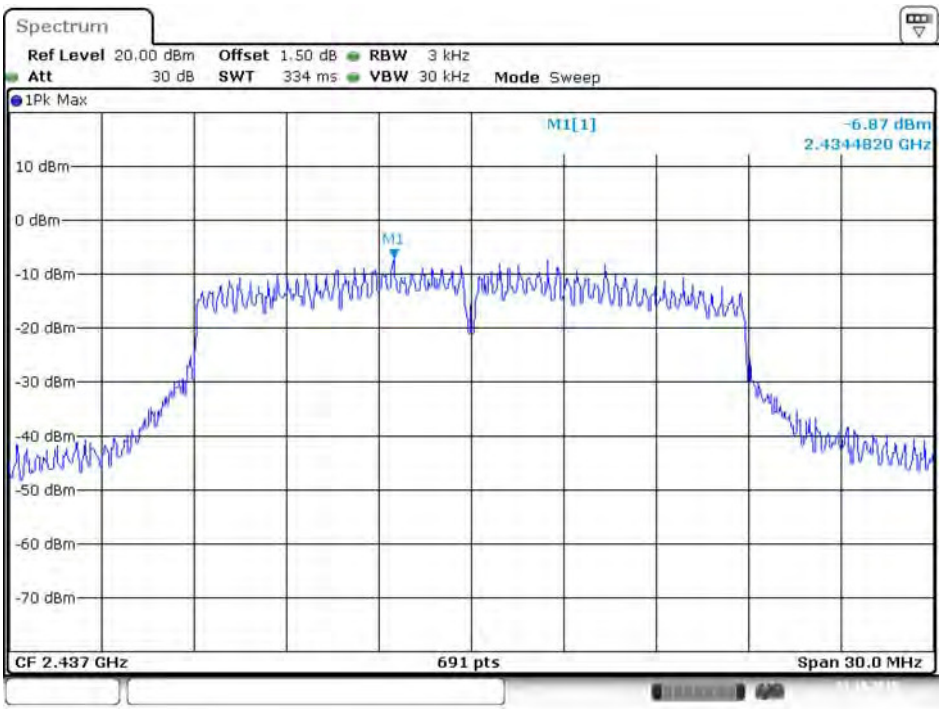
Date: 31.OCT.2015 22:35:22

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 3



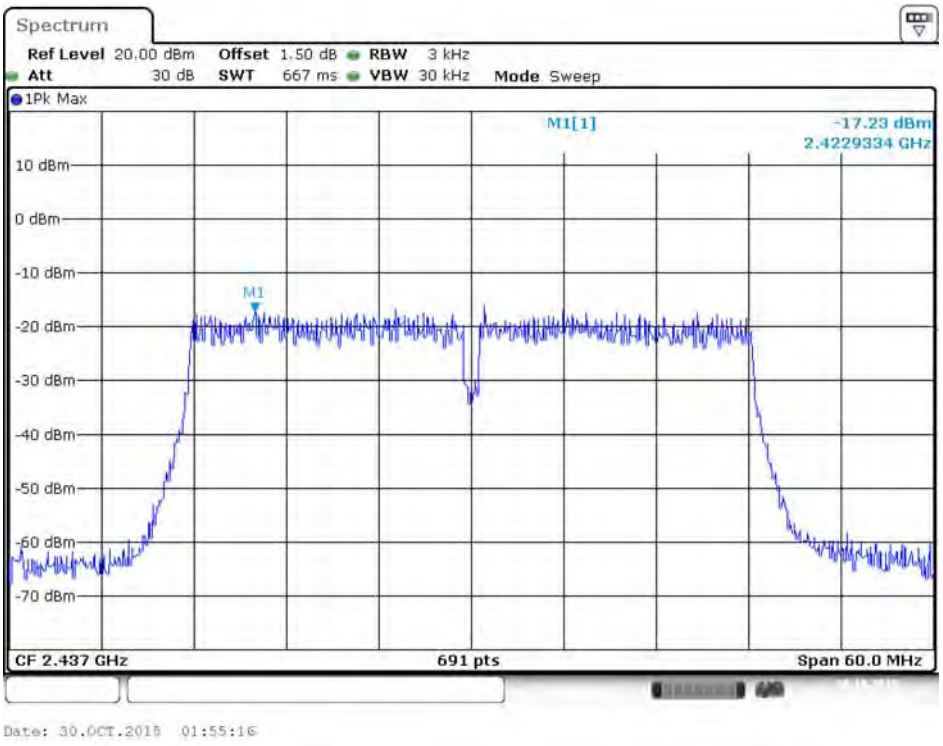
Date: 31.OCT.2015 22:35:32

Power Density Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 4

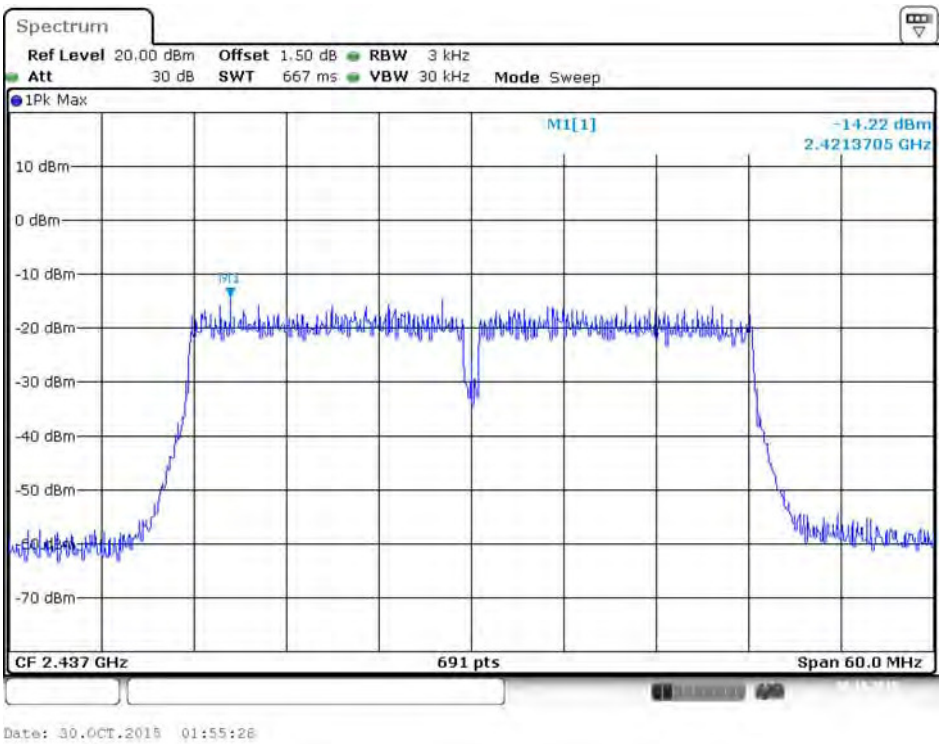


Date: 31.OCT.2015 22:35:43

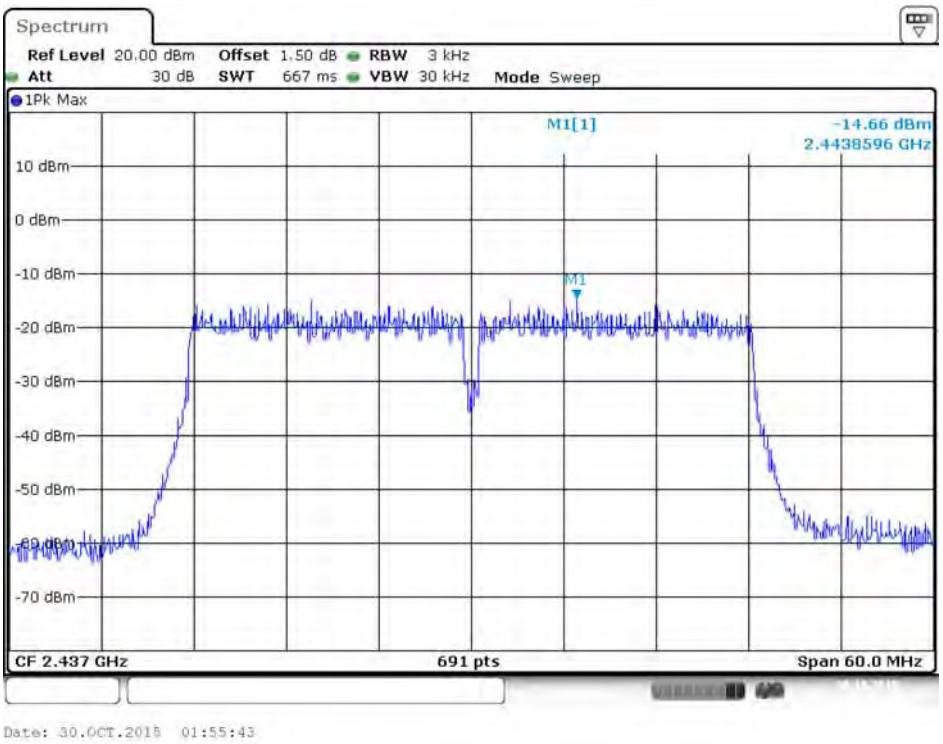
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



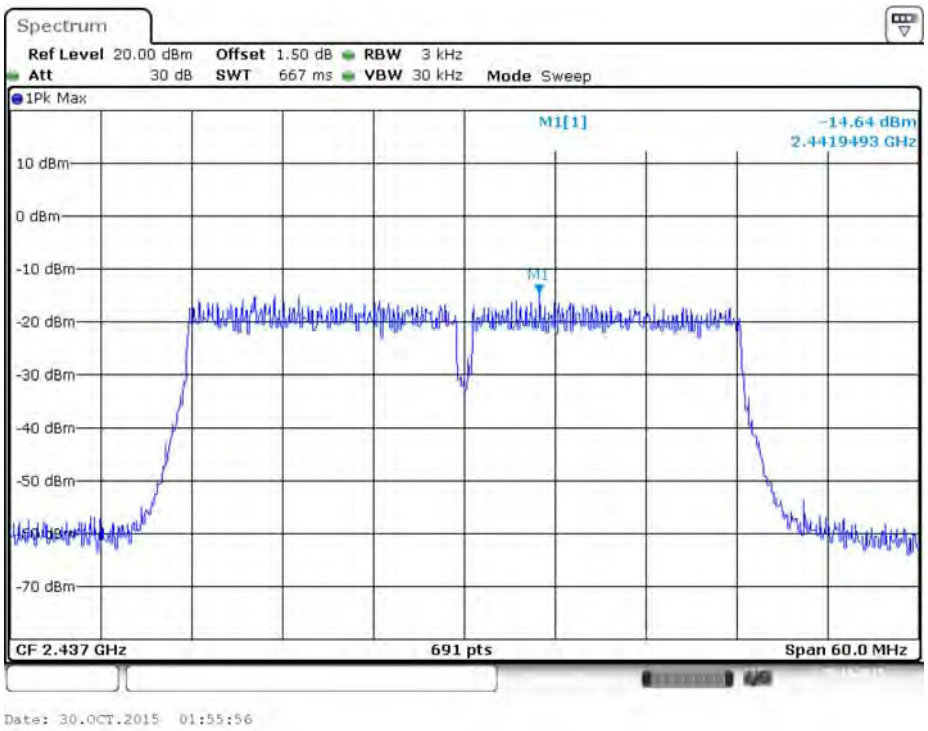
Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 2



Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 3



Power Density Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 4



4.4. 6dB Spectrum Bandwidth Measurement

4.4.1. Limit

For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz.

4.4.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of the Spectrum Analyzer.

6dB Spectrum Bandwidth	
Spectrum Parameters	**Setting**
Attenuation	Auto
Span Frequency	> 6dB Bandwidth
RBW	100kHz
VBW	≥ 3 x RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto
99% Occupied Bandwidth	
Spectrum Parameters	**Setting**
Span	1.5 times to 5.0 times the OBW
RBW	1 % to 5 % of the OBW
VBW	≥ 3 x RBW
Detector	Peak
Trace	Max Hold

4.4.3. Test Procedures

For Radiated 6dB Bandwidth Measurement:

1. The transmitter was radiated to the spectrum analyzer in peak hold mode.
2. Test was performed in accordance with KDB558074 D01 v03r03 for Performing Compliance Measurements on Digital Transmission Systems (DTS) - section 8.0 DTS bandwidth=> 8.1 Option 1.
3. Multiple antenna system was performed in accordance with KDB 662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band.
4. Measured the spectrum width with power higher than 6dB below carrier.

4.4.4. Test Setup Layout

For Radiated 6dB Bandwidth Measurement:

This test setup layout is the same as that shown in section 4.5.4.

4.4.5. Test Deviation

There is no deviation with the original standard.

4.4.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.4.7. Test Result of 6dB Spectrum Bandwidth

For Non-Beamforming Mode

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 1 (Set 3 Dipole antenna / 3.83dBi / 1TX)		

Test Chain: Chain 1

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.42	500	Complies
	2437 MHz	7.54	10.42	500	Complies
	2462 MHz	8.00	10.51	500	Complies
802.11g	2412 MHz	12.81	16.50	500	Complies
	2437 MHz	13.62	16.50	500	Complies
	2462 MHz	16.29	16.41	500	Complies
802.11n MCS0 HT20	2412 MHz	12.52	17.63	500	Complies
	2437 MHz	17.51	17.71	500	Complies
	2462 MHz	14.03	17.63	500	Complies
802.11n MCS0 HT40	2422 MHz	36.29	36.76	500	Complies
	2437 MHz	36.41	36.90	500	Complies
	2452 MHz	36.29	37.05	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 1 (Set 3 Dipole antenna / 3.83dBi / 2TX)		

Test Chain: Chain 1 + Chain 2

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.54	10.42	500	Complies
	2437 MHz	8.06	10.42	500	Complies
	2462 MHz	7.01	10.51	500	Complies
802.11g	2412 MHz	12.58	16.06	500	Complies
	2437 MHz	11.07	15.15	500	Complies
	2462 MHz	12.52	16.24	500	Complies
802.11n MCS0 HT20	2412 MHz	15.65	17.37	500	Complies
	2437 MHz	15.59	17.54	500	Complies
	2462 MHz	15.71	17.28	500	Complies
802.11n MCS0 HT40	2422 MHz	35.71	36.90	500	Complies
	2437 MHz	35.71	36.90	500	Complies
	2452 MHz	35.71	36.90	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 1 (Set 3 Dipole antenna / 3.83dBi / 3TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.06	10.42	500	Complies
	2437 MHz	7.54	10.51	500	Complies
	2462 MHz	8.00	10.42	500	Complies
802.11g	2412 MHz	4.06	16.41	500	Complies
	2437 MHz	3.30	16.85	500	Complies
	2462 MHz	3.88	16.32	500	Complies
802.11n MCS0 HT20	2412 MHz	10.72	16.85	500	Complies
	2437 MHz	11.71	17.45	500	Complies
	2462 MHz	11.88	16.76	500	Complies
802.11n MCS0 HT40	2422 MHz	31.77	35.75	500	Complies
	2437 MHz	32.12	35.89	500	Complies
	2452 MHz	31.77	35.89	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 1 (Set 3 Dipole antenna / 3.83dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3 + Chain 4

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.51	500	Complies
	2437 MHz	7.59	10.51	500	Complies
	2462 MHz	6.61	10.42	500	Complies
802.11g	2412 MHz	5.33	15.80	500	Complies
	2437 MHz	6.03	15.63	500	Complies
	2462 MHz	4.41	15.80	500	Complies
802.11n MCS0 HT20	2412 MHz	10.49	16.41	500	Complies
	2437 MHz	13.10	17.11	500	Complies
	2462 MHz	10.67	16.50	500	Complies
802.11n MCS0 HT40	2422 MHz	33.39	36.61	500	Complies
	2437 MHz	36.29	36.76	500	Complies
	2452 MHz	33.39	36.76	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi *1 / 1TX)		

Test Chain: Chain 1

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.42	500	Complies
	2437 MHz	7.54	10.42	500	Complies
	2462 MHz	8.00	10.51	500	Complies
802.11g	2412 MHz	15.01	16.67	500	Complies
	2437 MHz	13.62	16.50	500	Complies
	2462 MHz	16.06	16.67	500	Complies
802.11n MCS0 HT20	2412 MHz	12.52	17.63	500	Complies
	2437 MHz	17.51	17.71	500	Complies
	2462 MHz	15.01	16.67	500	Complies
802.11n MCS0 HT40	2422 MHz	36.29	36.76	500	Complies
	2437 MHz	36.41	36.90	500	Complies
	2452 MHz	36.29	36.90	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi*2 / 2TX)		

Test Chain: Chain 1 + Chain 3

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.06	10.51	500	Complies
	2437 MHz	7.54	10.51	500	Complies
	2462 MHz	7.59	10.59	500	Complies
802.11g	2412 MHz	11.30	16.15	500	Complies
	2437 MHz	12.46	16.58	500	Complies
	2462 MHz	12.06	16.06	500	Complies
802.11n MCS0 HT20	2412 MHz	15.71	17.19	500	Complies
	2437 MHz	15.48	17.54	500	Complies
	2462 MHz	15.65	17.11	500	Complies
802.11n MCS0 HT40	2422 MHz	35.71	36.90	500	Complies
	2437 MHz	36.06	37.05	500	Complies
	2452 MHz	35.71	37.05	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi*2, (1B)3.93dBi*1 / 3TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.06	10.42	500	Complies
	2437 MHz	7.54	10.51	500	Complies
	2462 MHz	8.00	10.42	500	Complies
802.11g	2412 MHz	3.54	16.50	500	Complies
	2437 MHz	3.30	16.85	500	Complies
	2462 MHz	7.01	16.50	500	Complies
802.11n MCS0 HT20	2412 MHz	11.25	16.93	500	Complies
	2437 MHz	11.71	17.45	500	Complies
	2462 MHz	11.07	16.85	500	Complies
802.11n MCS0 HT40	2422 MHz	31.77	35.75	500	Complies
	2437 MHz	32.12	35.89	500	Complies
	2452 MHz	31.54	35.89	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi*2, (1B)3.93dBi*1 + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3 + Chain 4

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.51	500	Complies
	2437 MHz	7.59	10.51	500	Complies
	2462 MHz	8.00	10.59	500	Complies
802.11g	2412 MHz	5.28	15.11	500	Complies
	2437 MHz	6.03	15.63	500	Complies
	2462 MHz	4.75	14.58	500	Complies
802.11n MCS0 HT20	2412 MHz	10.38	16.50	500	Complies
	2437 MHz	13.10	17.11	500	Complies
	2462 MHz	10.43	16.24	500	Complies
802.11n MCS0 HT40	2422 MHz	35.71	36.90	500	Complies
	2437 MHz	35.71	37.05	500	Complies
	2452 MHz	35.71	37.05	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 3 (Set 6 Panel antenna / 4.03dBi / 1TX)		

Test Chain: Chain 1

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.42	500	Complies
	2437 MHz	7.54	10.42	500	Complies
	2462 MHz	8.00	10.51	500	Complies
802.11g	2412 MHz	15.01	16.49	500	Complies
	2437 MHz	13.62	16.50	500	Complies
	2462 MHz	15.25	16.67	500	Complies
802.11n MCS0 HT20	2412 MHz	15.01	17.80	500	Complies
	2437 MHz	17.51	17.71	500	Complies
	2462 MHz	15.07	17.88	500	Complies
802.11n MCS0 HT40	2422 MHz	36.41	37.04	500	Complies
	2437 MHz	36.41	36.90	500	Complies
	2452 MHz	36.41	37.05	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 3 (Set 6 Panel antenna / 4.03dBi / 2TX)		

Test Chain: Chain 1 + Chain 3

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.06	10.51	500	Complies
	2437 MHz	7.54	10.51	500	Complies
	2462 MHz	7.59	10.59	500	Complies
802.11g	2412 MHz	12.58	15.89	500	Complies
	2437 MHz	12.46	16.58	500	Complies
	2462 MHz	12.58	16.15	500	Complies
802.11n MCS0 HT20	2412 MHz	15.01	16.93	500	Complies
	2437 MHz	15.48	17.54	500	Complies
	2462 MHz	15.30	17.11	500	Complies
802.11n MCS0 HT40	2422 MHz	35.48	37.05	500	Complies
	2437 MHz	35.71	37.05	500	Complies
	2452 MHz	35.48	37.05	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 3 (Set 6 Panel antenna / 4.03dBi / 3TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.06	10.42	500	Complies
	2437 MHz	7.54	10.51	500	Complies
	2462 MHz	8.00	10.42	500	Complies
802.11g	2412 MHz	4.06	16.41	500	Complies
	2437 MHz	3.30	16.85	500	Complies
	2462 MHz	4.29	16.50	500	Complies
802.11n MCS0 HT20	2412 MHz	10.72	16.85	500	Complies
	2437 MHz	11.71	17.45	500	Complies
	2462 MHz	11.48	16.76	500	Complies
802.11n MCS0 HT40	2422 MHz	33.51	35.75	500	Complies
	2437 MHz	32.00	36.03	500	Complies
	2452 MHz	31.54	35.75	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 3 (Set 6 Panel antenna / 4.03dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3 + Chain 4

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.00	10.42	500	Complies
	2437 MHz	7.59	10.51	500	Complies
	2462 MHz	8.00	10.59	500	Complies
802.11g	2412 MHz	4.99	15.54	500	Complies
	2437 MHz	6.03	15.63	500	Complies
	2462 MHz	5.04	15.46	500	Complies
802.11n MCS0 HT20	2412 MHz	10.49	16.41	500	Complies
	2437 MHz	13.10	17.11	500	Complies
	2462 MHz	10.43	15.80	500	Complies
802.11n MCS0 HT40	2422 MHz	35.71	36.90	500	Complies
	2437 MHz	35.71	36.90	500	Complies
	2452 MHz	35.13	36.90	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 31, 2015
Test Mode	Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi / 1TX)		

Test Chain: Chain 1

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.42	500	Complies
	2437 MHz	7.54	10.42	500	Complies
	2462 MHz	8.00	10.51	500	Complies
802.11g	2412 MHz	12.81	16.50	500	Complies
	2437 MHz	13.62	16.50	500	Complies
	2462 MHz	15.07	16.67	500	Complies
802.11n MCS0 HT20	2412 MHz	15.07	17.71	500	Complies
	2437 MHz	17.51	16.50	500	Complies
	2462 MHz	15.13	17.89	500	Complies
802.11n MCS0 HT40	2422 MHz	36.41	36.76	500	Complies
	2437 MHz	36.41	37.05	500	Complies
	2452 MHz	36.41	36.90	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 31, 2015
Test Mode	Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi / 2TX)		

Test Chain: Chain 1 + Chain 2

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.54	10.42	500	Complies
	2437 MHz	8.06	10.42	500	Complies
	2462 MHz	7.01	10.51	500	Complies
802.11g	2412 MHz	12.58	16.06	500	Complies
	2437 MHz	11.07	16.15	500	Complies
	2462 MHz	12.29	15.98	500	Complies
802.11n MCS0 HT20	2412 MHz	15.65	17.37	500	Complies
	2437 MHz	15.59	17.54	500	Complies
	2462 MHz	14.72	17.28	500	Complies
802.11n MCS0 HT40	2422 MHz	35.83	36.76	500	Complies
	2437 MHz	35.71	37.19	500	Complies
	2452 MHz	35.71	36.76	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 31, 2015
Test Mode	Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi / 3TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.06	10.42	500	Complies
	2437 MHz	7.54	10.51	500	Complies
	2462 MHz	8.00	10.42	500	Complies
802.11g	2412 MHz	7.19	16.50	500	Complies
	2437 MHz	3.30	16.85	500	Complies
	2462 MHz	7.01	16.50	500	Complies
802.11n MCS0 HT20	2412 MHz	11.71	16.93	500	Complies
	2437 MHz	11.71	17.45	500	Complies
	2462 MHz	11.88	16.76	500	Complies
802.11n MCS0 HT40	2422 MHz	31.54	35.89	500	Complies
	2437 MHz	32.00	35.75	500	Complies
	2452 MHz	31.77	35.89	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 31, 2015
Test Mode	Mode 4 (Set 7 Polarized Panel antenna / 5.45dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3 + Chain 4

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.51	500	Complies
	2437 MHz	7.59	10.51	500	Complies
	2462 MHz	8.00	10.59	500	Complies
802.11g	2412 MHz	4.99	15.54	500	Complies
	2437 MHz	6.03	15.63	500	Complies
	2462 MHz	4.81	15.37	500	Complies
802.11n MCS0 HT20	2412 MHz	10.38	16.41	500	Complies
	2437 MHz	13.10	17.11	500	Complies
	2462 MHz	10.67	16.50	500	Complies
802.11n MCS0 HT40	2422 MHz	35.71	36.90	500	Complies
	2437 MHz	36.29	36.76	500	Complies
	2452 MHz	32.81	36.76	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 5 (Set 8 Patch antenna / 3.53dBi / 1TX)		

Test Chain: Chain 1

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.42	500	Complies
	2437 MHz	7.54	10.42	500	Complies
	2462 MHz	8.00	10.51	500	Complies
802.11g	2412 MHz	12.81	16.50	500	Complies
	2437 MHz	13.62	16.50	500	Complies
	2462 MHz	16.06	16.67	500	Complies
802.11n MCS0 HT20	2412 MHz	15.07	17.71	500	Complies
	2437 MHz	17.51	17.71	500	Complies
	2462 MHz	15.13	17.89	500	Complies
802.11n MCS0 HT40	2422 MHz	36.41	37.05	500	Complies
	2437 MHz	36.41	37.05	500	Complies
	2452 MHz	36.29	37.05	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 5 (Set 8 Patch antenna / 3.53dBi / 2TX)		

Test Chain: Chain 1 + Chain 2

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.54	10.42	500	Complies
	2437 MHz	8.06	10.42	500	Complies
	2462 MHz	7.01	10.51	500	Complies
802.11g	2412 MHz	12.29	16.06	500	Complies
	2437 MHz	11.07	15.15	500	Complies
	2462 MHz	11.54	16.15	500	Complies
802.11n MCS0 HT20	2412 MHz	13.10	17.28	500	Complies
	2437 MHz	15.59	17.54	500	Complies
	2462 MHz	15.36	17.45	500	Complies
802.11n MCS0 HT40	2422 MHz	35.71	37.05	500	Complies
	2437 MHz	35.71	37.19	500	Complies
	2452 MHz	35.71	37.19	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 5 (Set 8 Patch antenna / 3.53dBi / 3TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.06	10.42	500	Complies
	2437 MHz	7.54	10.51	500	Complies
	2462 MHz	8.00	10.42	500	Complies
802.11g	2412 MHz	4.06	16.41	500	Complies
	2437 MHz	3.30	16.85	500	Complies
	2462 MHz	7.01	16.50	500	Complies
802.11n MCS0 HT20	2412 MHz	11.25	16.93	500	Complies
	2437 MHz	11.71	17.45	500	Complies
	2462 MHz	10.72	16.85	500	Complies
802.11n MCS0 HT40	2422 MHz	33.62	36.03	500	Complies
	2437 MHz	33.62	36.18	500	Complies
	2452 MHz	31.54	35.89	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 30, 2015
Test Mode	Mode 5 (Set 8 Patch antenna / 3.53dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3 + Chain 4

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.51	500	Complies
	2437 MHz	7.59	10.51	500	Complies
	2462 MHz	8.00	10.59	500	Complies
802.11g	2412 MHz	5.39	15.28	500	Complies
	2437 MHz	6.03	15.63	500	Complies
	2462 MHz	5.74	15.63	500	Complies
802.11n MCS0 HT20	2412 MHz	10.43	16.50	500	Complies
	2437 MHz	13.10	17.11	500	Complies
	2462 MHz	10.43	16.24	500	Complies
802.11n MCS0 HT40	2422 MHz	35.13	36.90	500	Complies
	2437 MHz	35.59	36.90	500	Complies
	2452 MHz	35.13	36.76	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 31, 2015
Test Mode	Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi / 1TX)		

Test Chain: Chain 1

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.42	500	Complies
	2437 MHz	7.54	10.42	500	Complies
	2462 MHz	8.00	10.51	500	Complies
802.11g	2412 MHz	15.88	16.67	500	Complies
	2437 MHz	13.62	16.50	500	Complies
	2462 MHz	14.78	16.67	500	Complies
802.11n MCS0 HT20	2412 MHz	15.30	17.71	500	Complies
	2437 MHz	17.51	17.71	500	Complies
	2462 MHz	14.20	17.80	500	Complies
802.11n MCS0 HT40	2422 MHz	36.29	36.76	500	Complies
	2437 MHz	36.41	36.90	500	Complies
	2452 MHz	36.29	37.05	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 31, 2015
Test Mode	Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi, Chain 3: 3.2dBi / 2TX)		

Test Chain: Chain 1 + Chain 3

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.06	10.51	500	Complies
	2437 MHz	7.54	10.51	500	Complies
	2462 MHz	7.59	10.59	500	Complies
802.11g	2412 MHz	12.29	15.98	500	Complies
	2437 MHz	12.46	16.58	500	Complies
	2462 MHz	11.94	16.06	500	Complies
802.11n MCS0 HT20	2412 MHz	16.17	17.19	500	Complies
	2437 MHz	15.48	17.54	500	Complies
	2462 MHz	12.93	17.28	500	Complies
802.11n MCS0 HT40	2422 MHz	35.71	36.90	500	Complies
	2437 MHz	35.71	37.05	500	Complies
	2452 MHz	35.71	37.05	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 31, 2015
Test Mode	Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi, Chain 2: 3.7dBi , Chain 3: 3.2dBi / 3TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	8.06	10.42	500	Complies
	2437 MHz	7.54	10.51	500	Complies
	2462 MHz	8.00	10.42	500	Complies
802.11g	2412 MHz	4.17	16.41	500	Complies
	2437 MHz	3.30	16.85	500	Complies
	2462 MHz	4.29	16.50	500	Complies
802.11n MCS0 HT20	2412 MHz	11.48	16.93	500	Complies
	2437 MHz	11.71	17.45	500	Complies
	2462 MHz	11.88	16.76	500	Complies
802.11n MCS0 HT40	2422 MHz	31.77	35.75	500	Complies
	2437 MHz	32.12	35.89	500	Complies
	2452 MHz	31.77	35.89	500	Complies

Temperature	25°C	Humidity	46%
Test Engineer	Lucas Huang	Test Date	Oct. 29, 2015 ~ Oct. 31, 2015
Test Mode	Mode 6 (Set 9 Monopole antenna / Chain 1:5.2dBi, Chain 2: 3.7dBi , Chain 3: 3.2dBi , Chain 4: 4.5dBi / 4TX)		

Test Chain: Chain 1 + Chain 2 + Chain 3 + Chain 4

Mode	Frequency	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Min. Limit (kHz)	Test Result
802.11b	2412 MHz	7.59	10.51	500	Complies
	2437 MHz	7.59	10.51	500	Complies
	2462 MHz	8.00	10.59	500	Complies
802.11g	2412 MHz	5.45	14.93	500	Complies
	2437 MHz	6.03	15.63	500	Complies
	2462 MHz	5.10	15.20	500	Complies
802.11n MCS0 HT20	2412 MHz	11.19	16.15	500	Complies
	2437 MHz	13.10	17.11	500	Complies
	2462 MHz	10.67	16.50	500	Complies
802.11n MCS0 HT40	2422 MHz	33.51	36.76	500	Complies
	2437 MHz	36.29	36.76	500	Complies
	2452 MHz	33.39	36.76	500	Complies

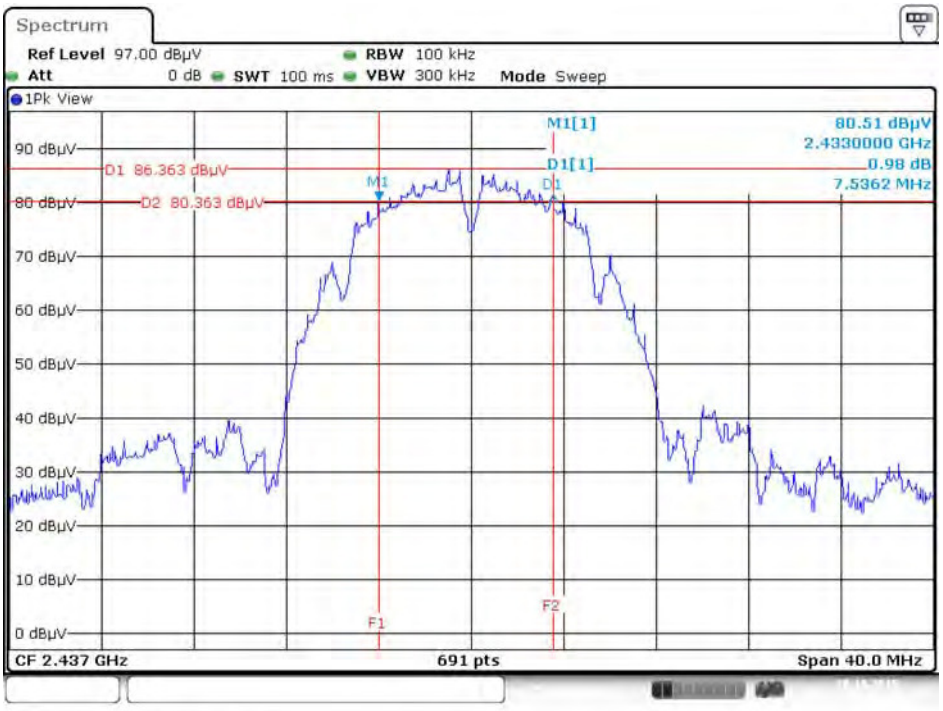
Note: All the test values were listed in the report.

For plots, only the channel with worse result was shown.

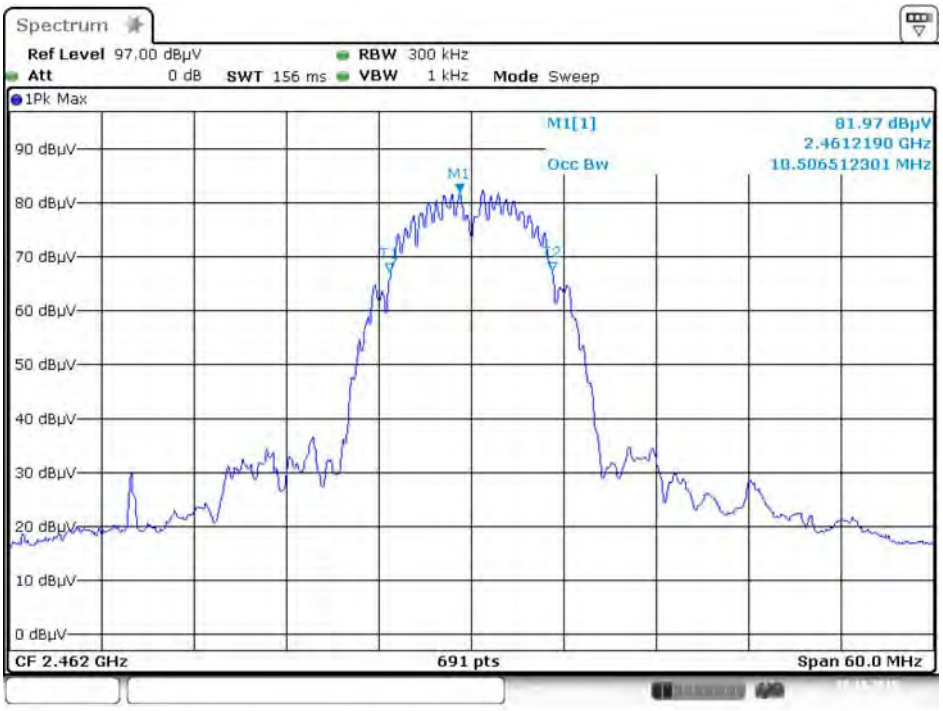
For Non-Beamforming Mode

Mode 1 (Set 3 Dipole antenna / 3.83dBi / 1TX)

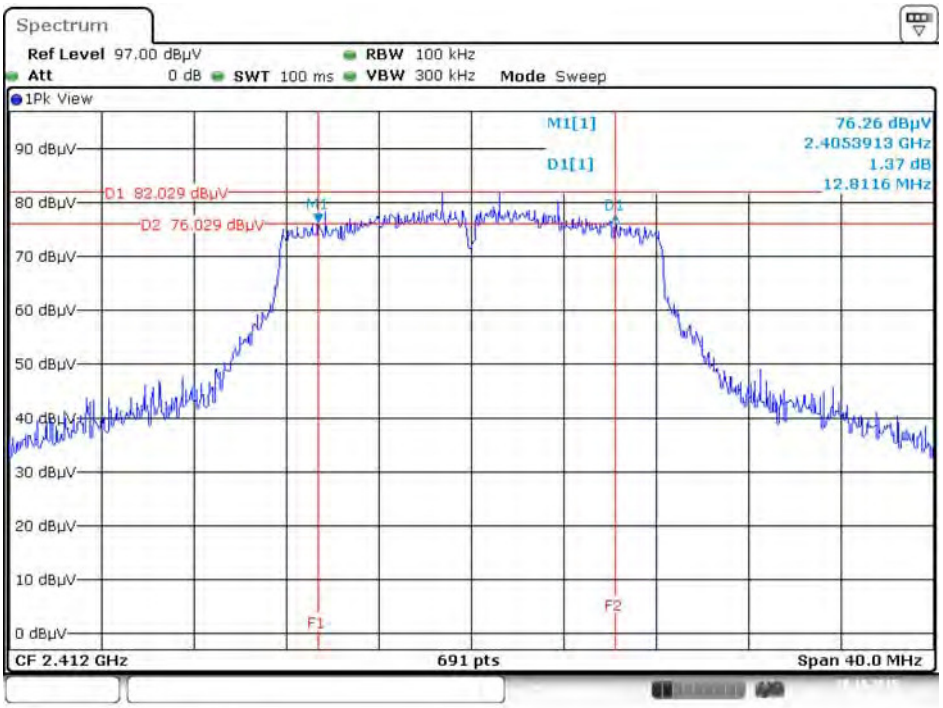
6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1



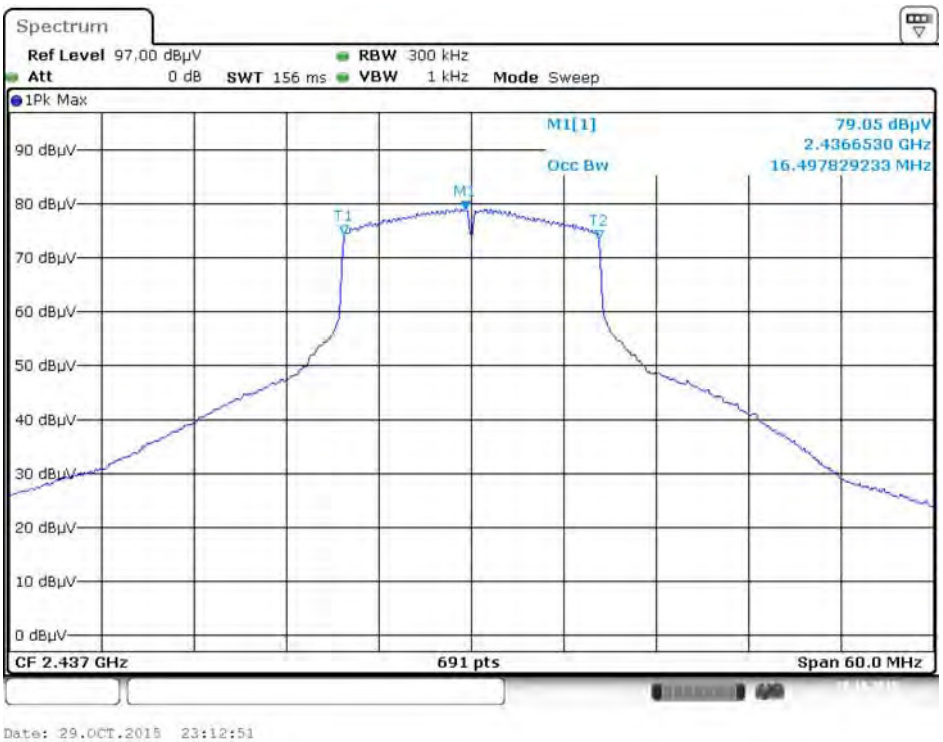
99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1



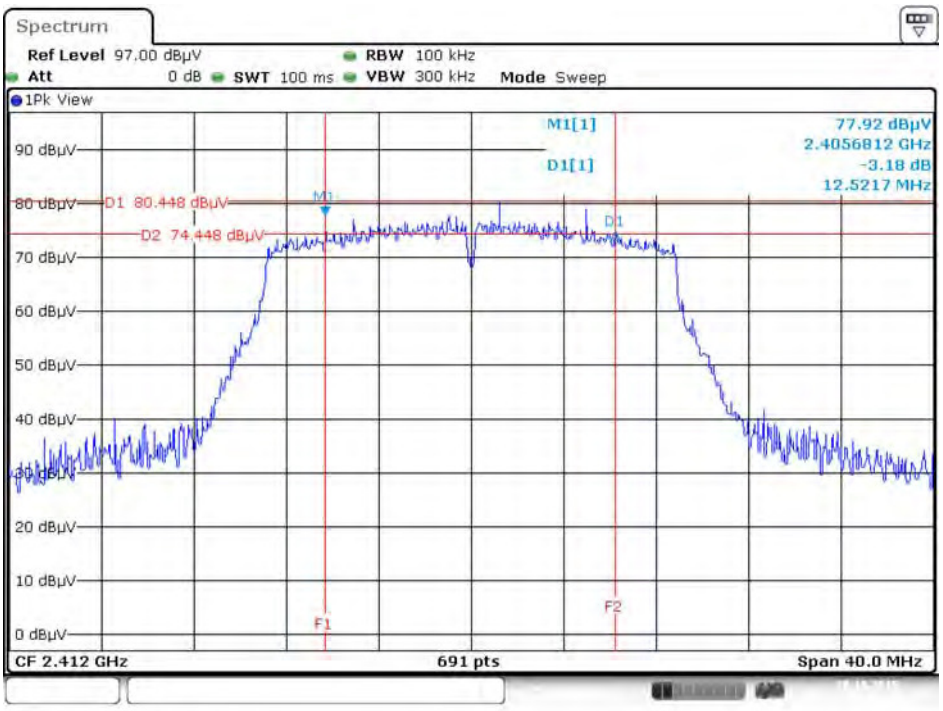
6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2412 MHz / Chain 1



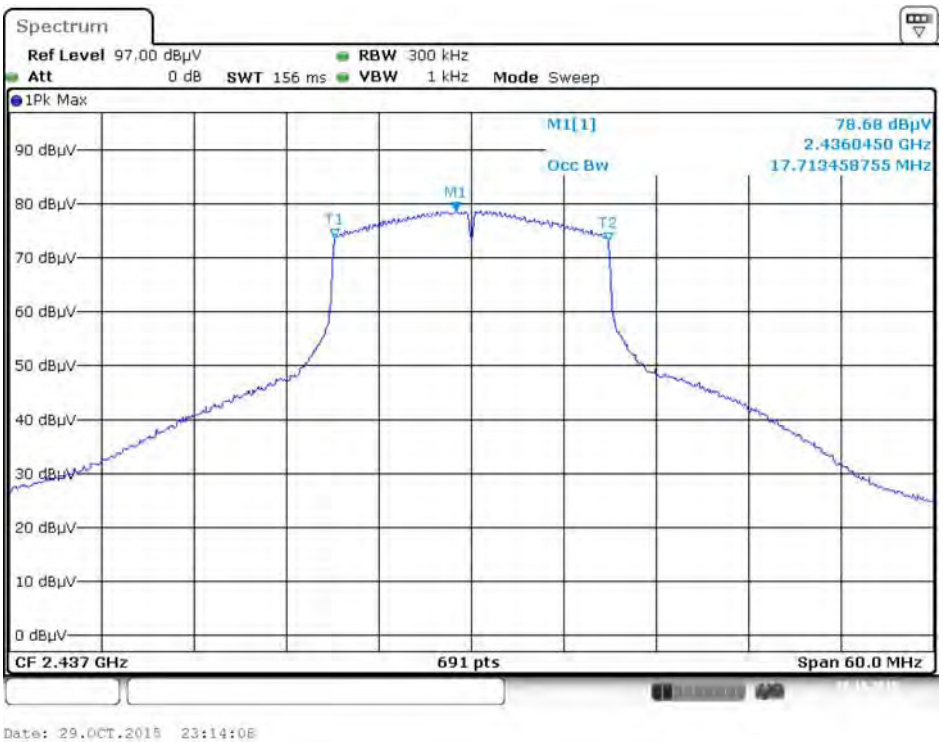
99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



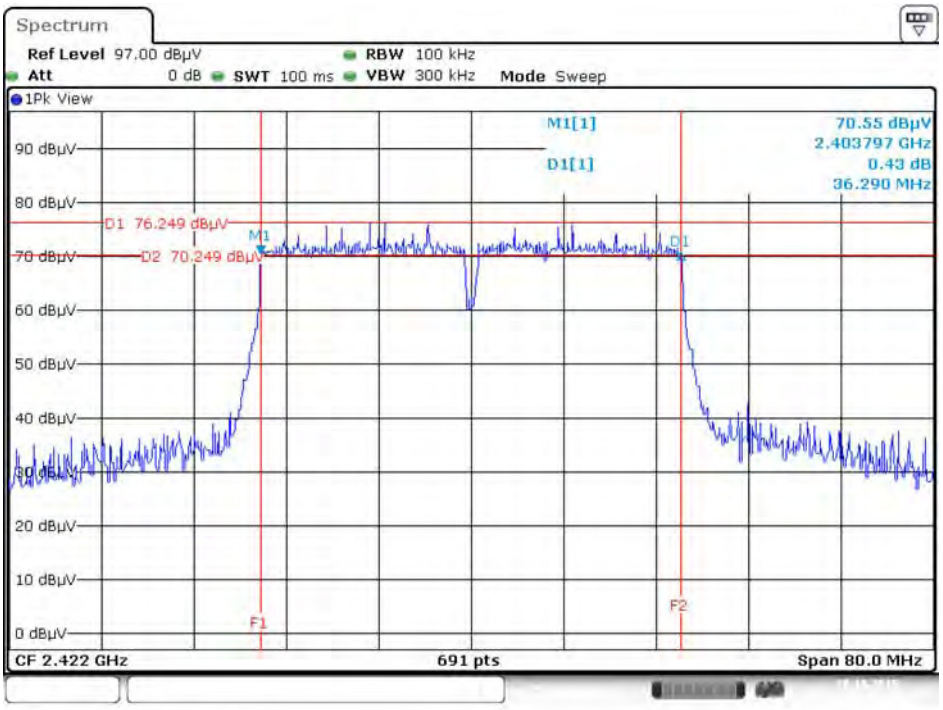
6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1



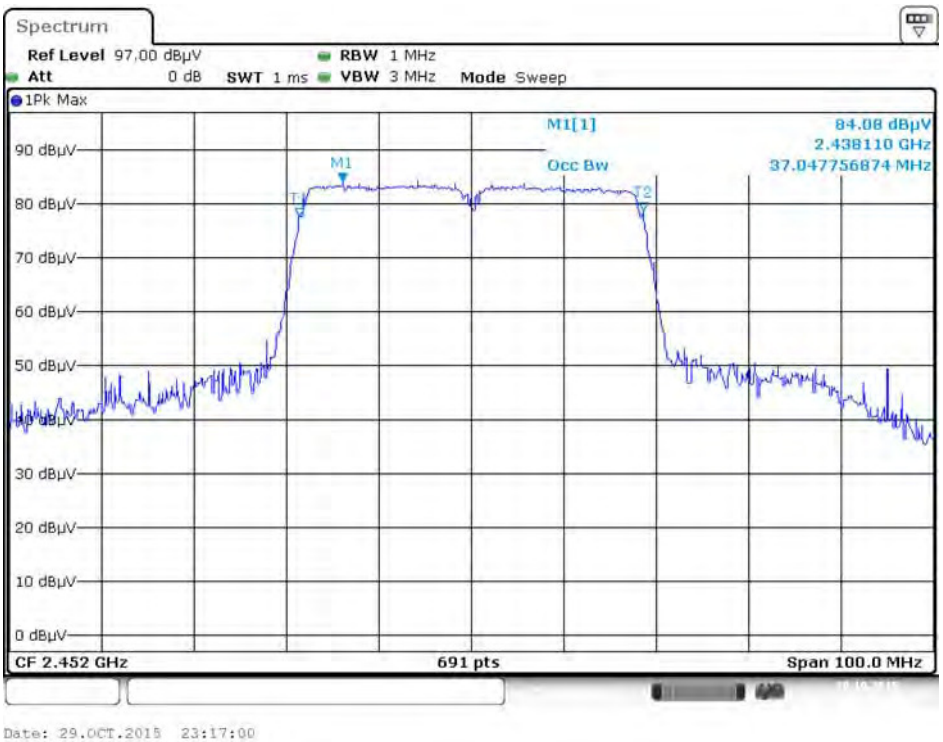
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 1

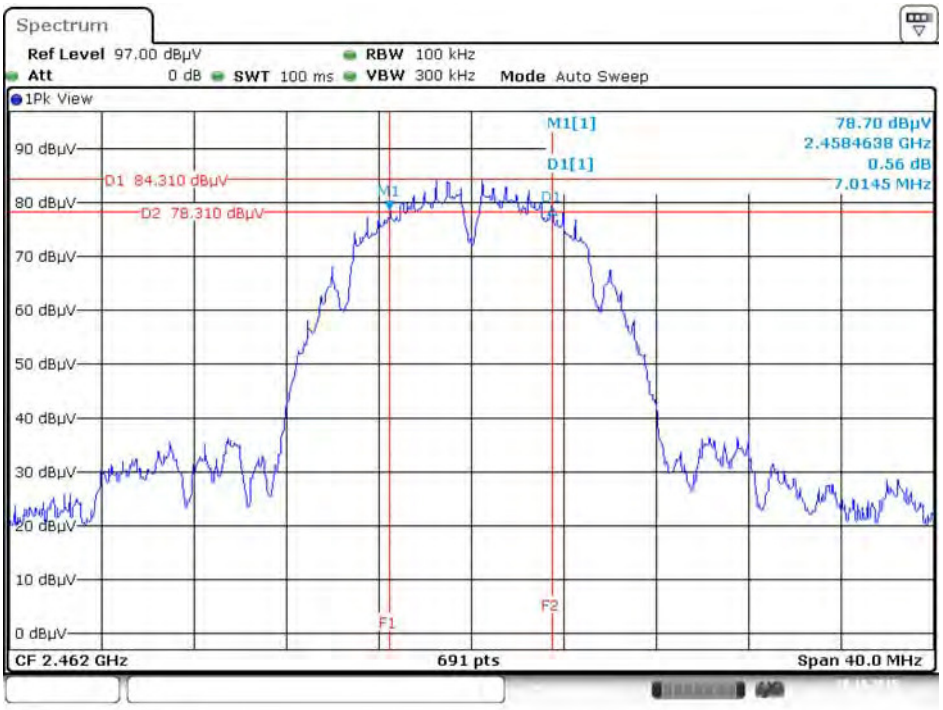


99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1

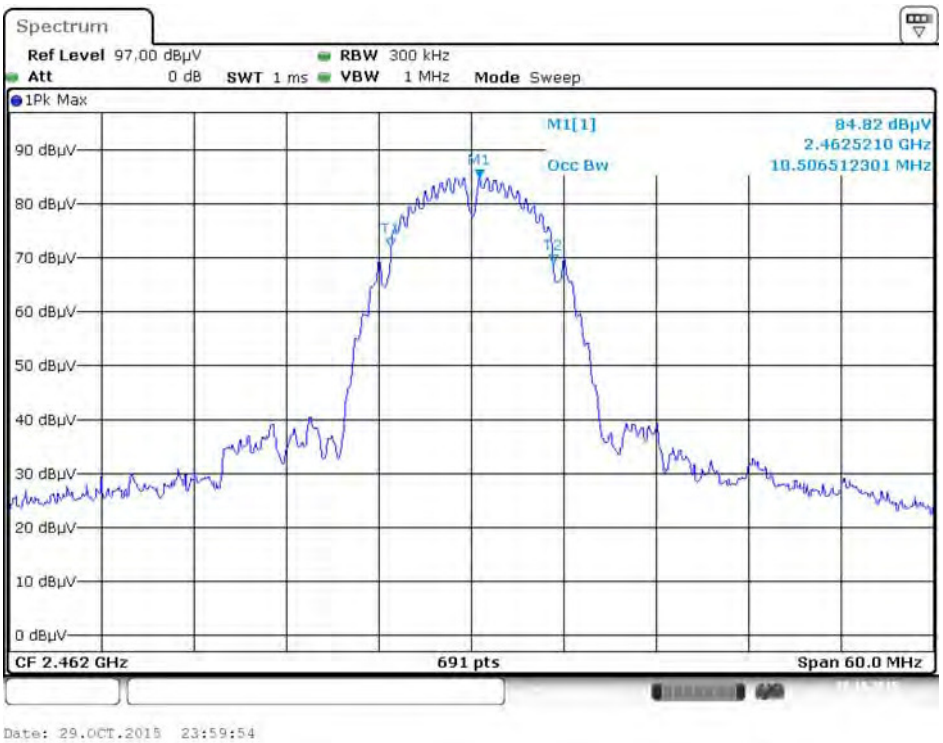


Mode 1 (Set 3 Dipole antenna / 3.83dBi / 2TX)

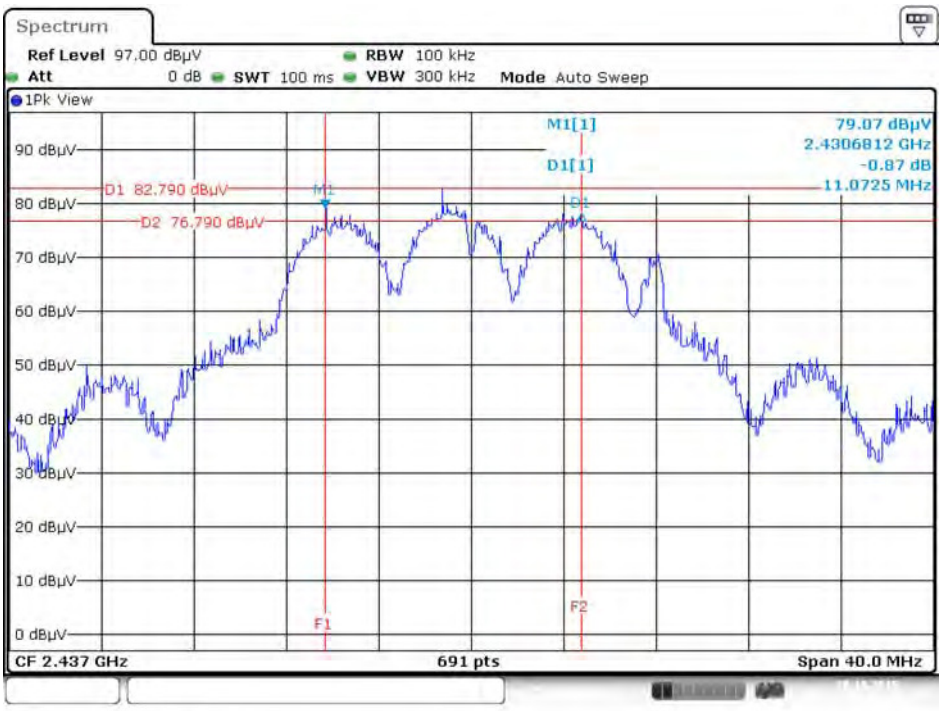
6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1 + Chain 2



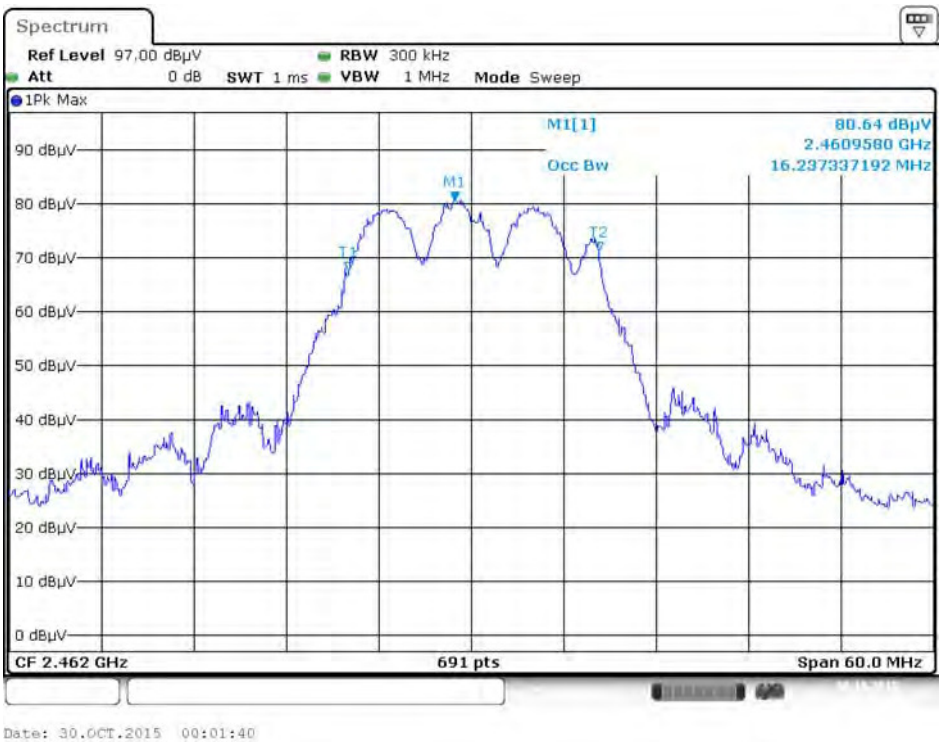
99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1 + Chain 2



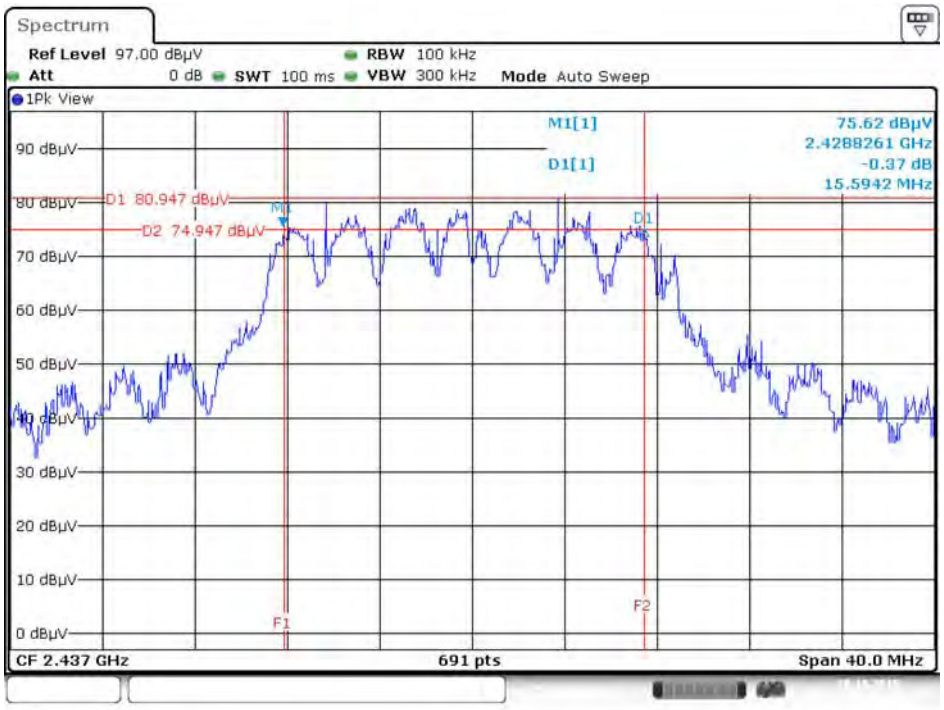
6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 2



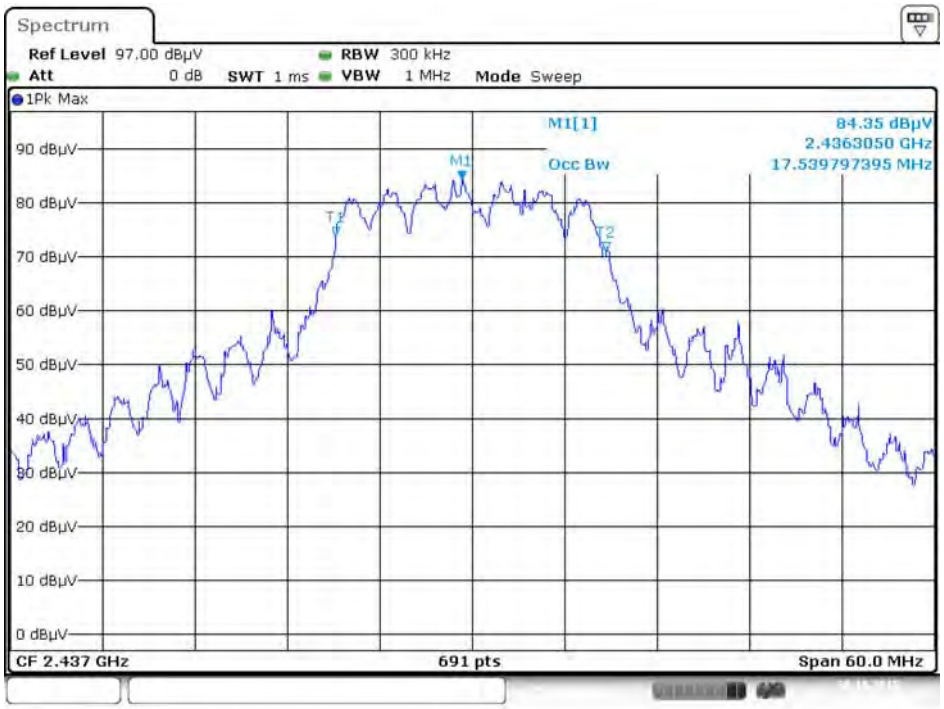
99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 1 + Chain 2



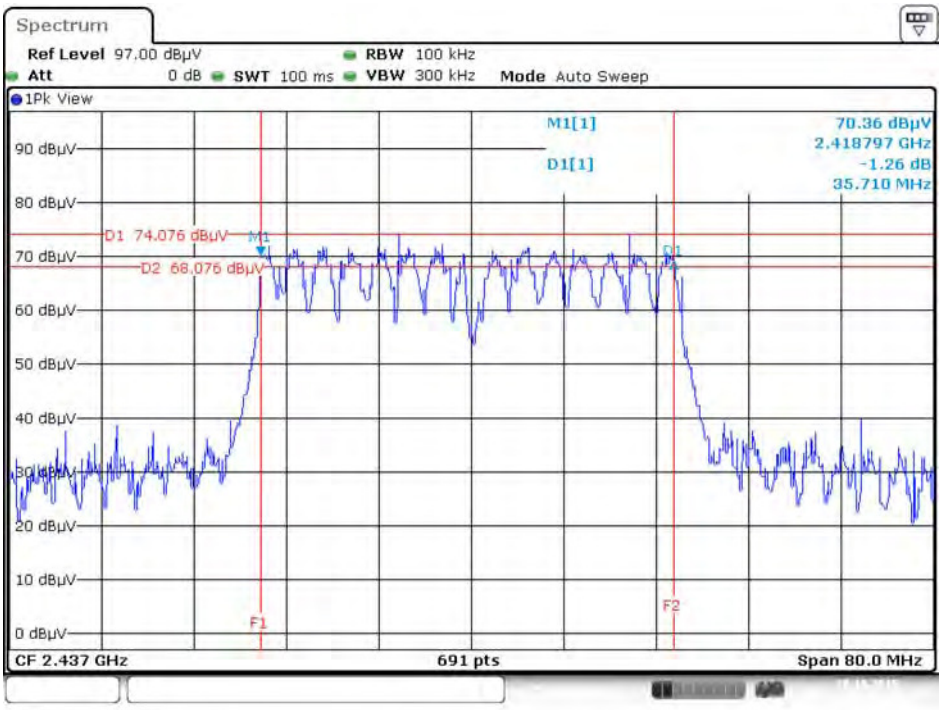
6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 2



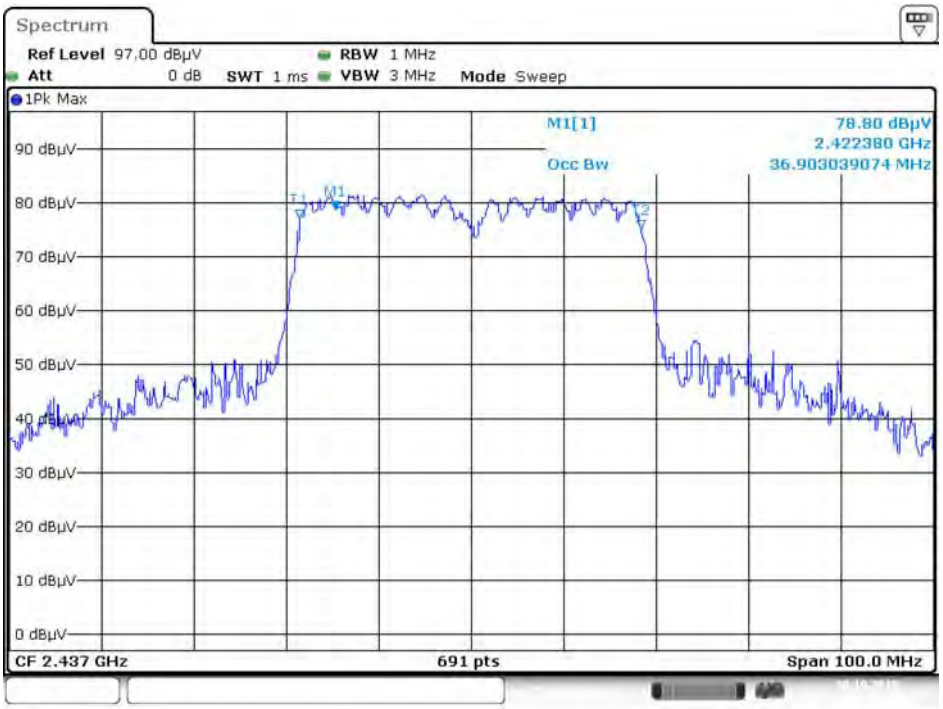
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 2



6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1 + Chain 2

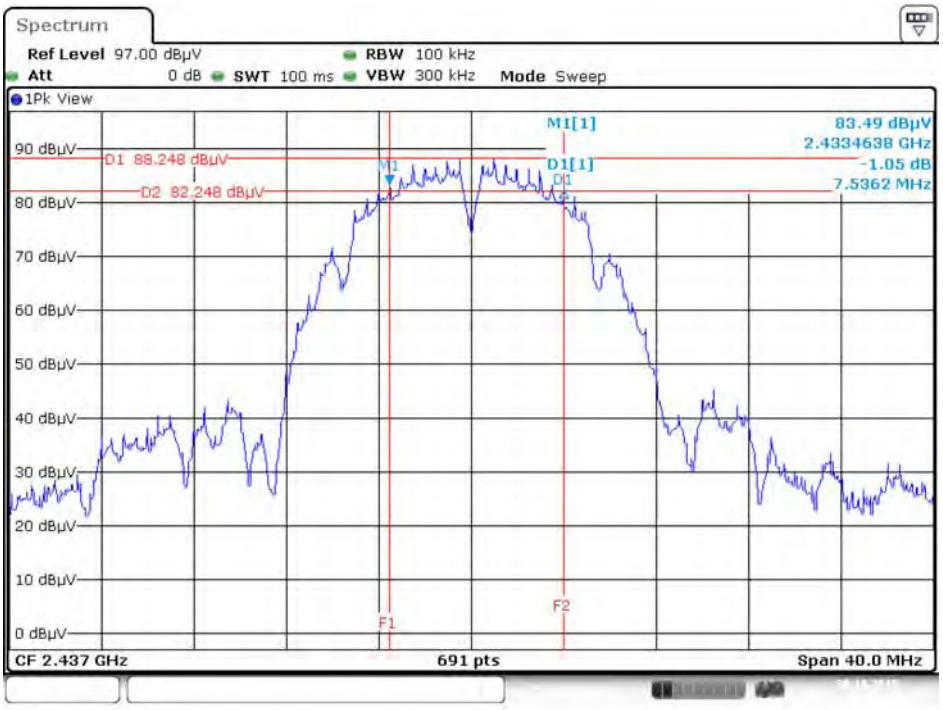


99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1 + Chain 2

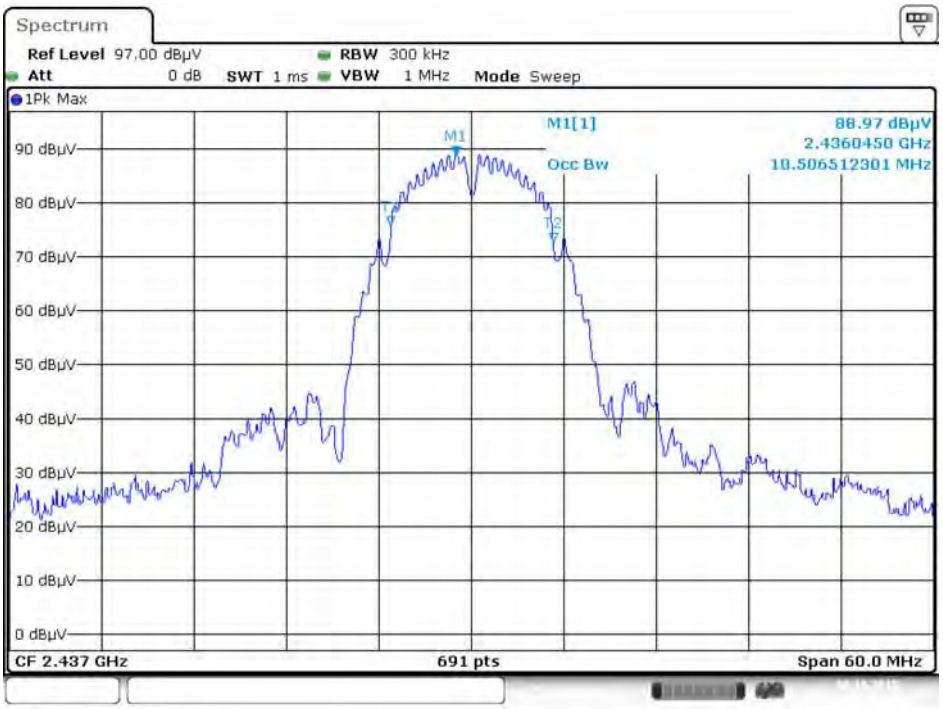


Mode 1 (Set 3 Dipole antenna / 3.83dBi / 3TX)

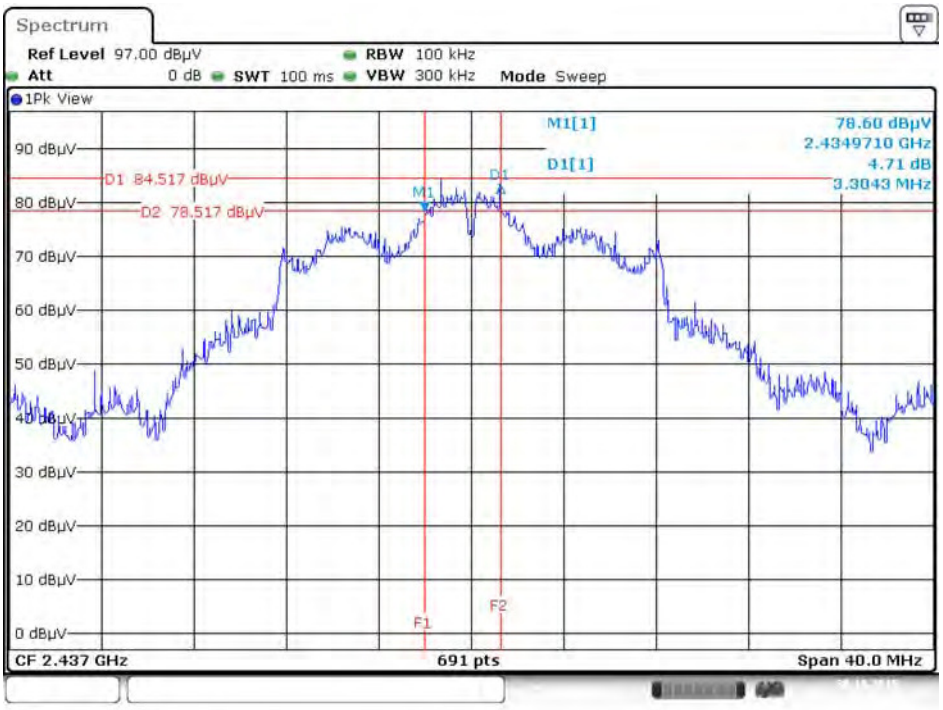
6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 2 + Chain 3



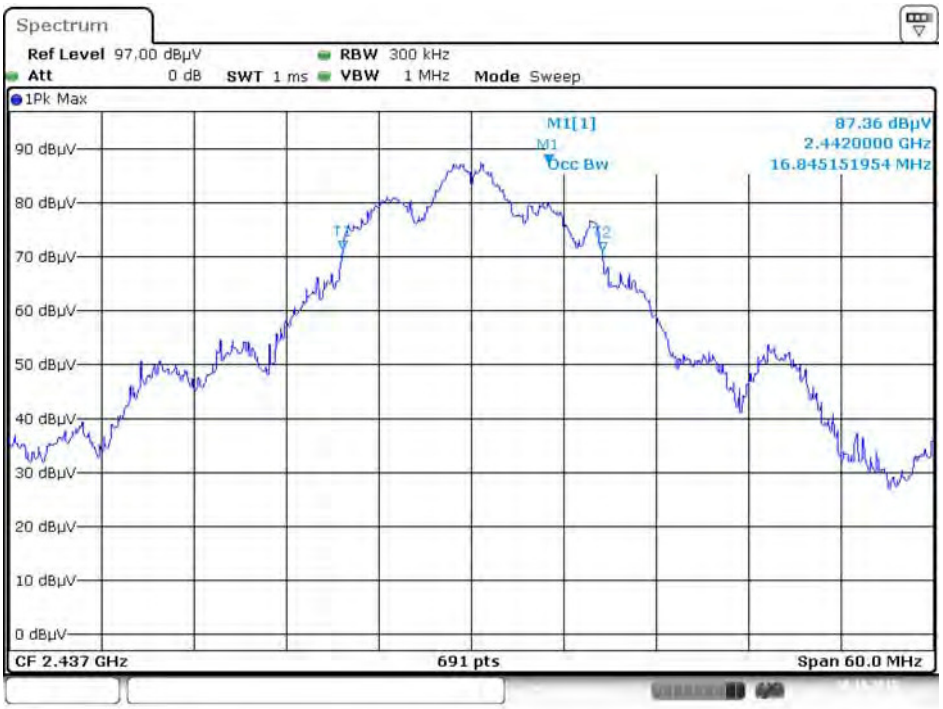
99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 2 + Chain 3



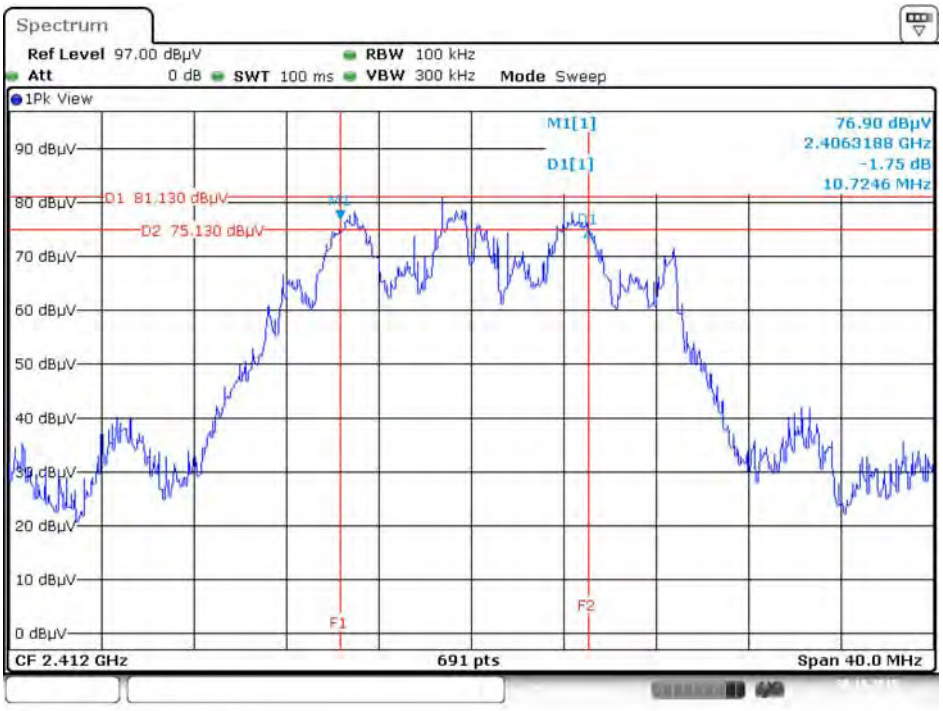
6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 2 + Chain 3



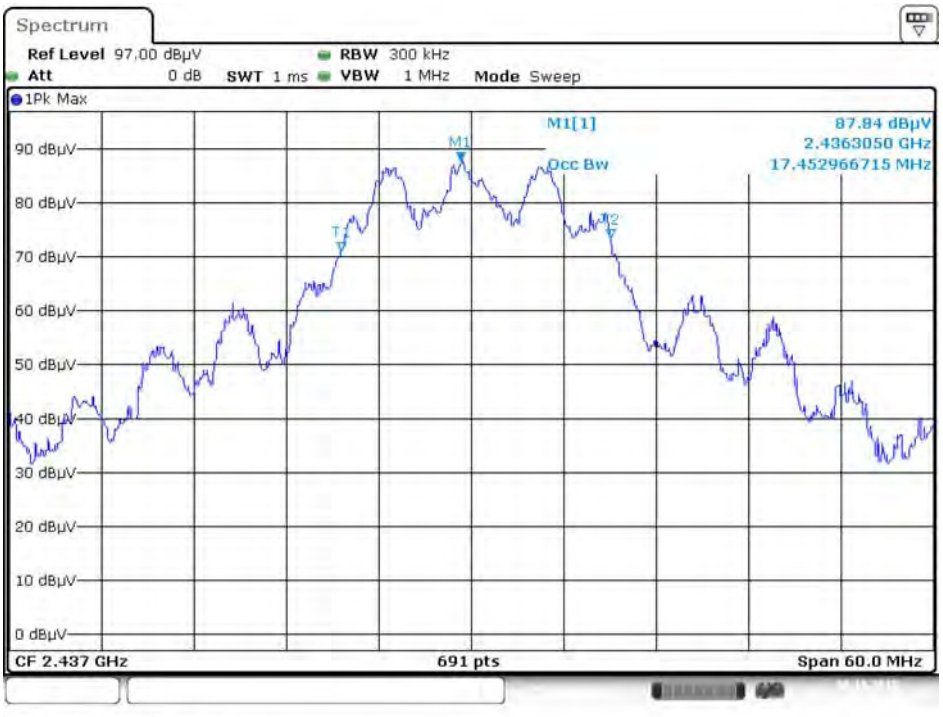
99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 2 + Chain 3



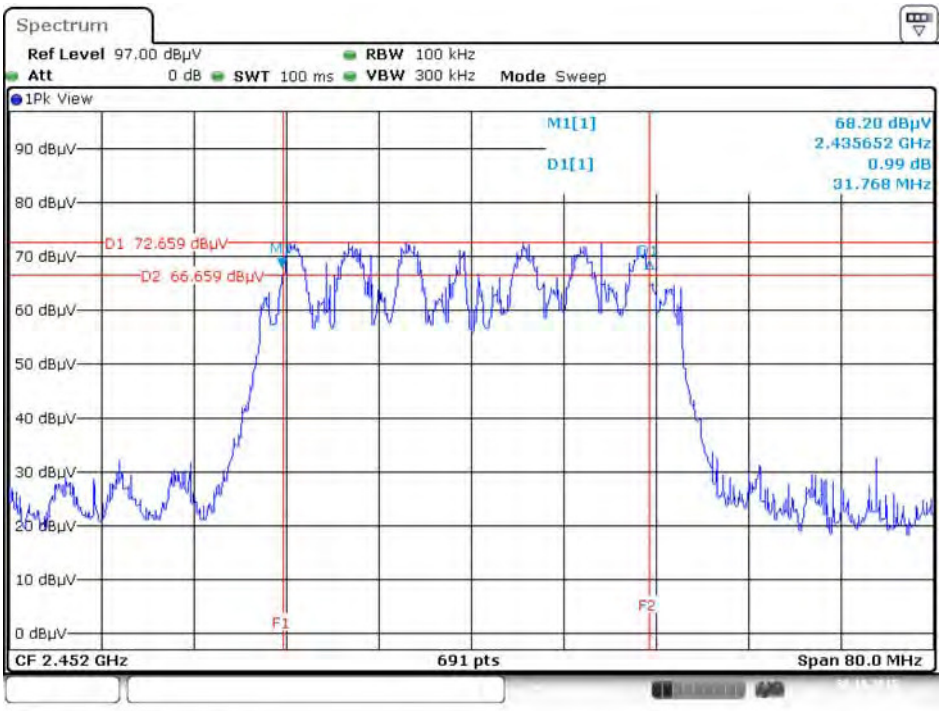
6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1 + Chain 2 + Chain 3



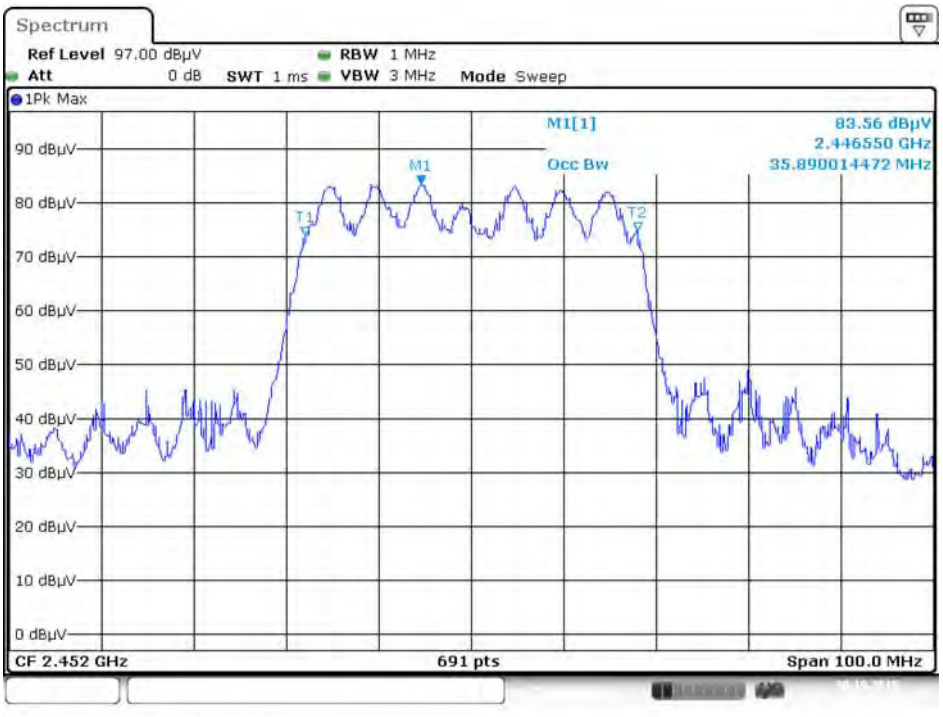
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 2 + Chain 3



6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1 + Chain 2 + Chain 3

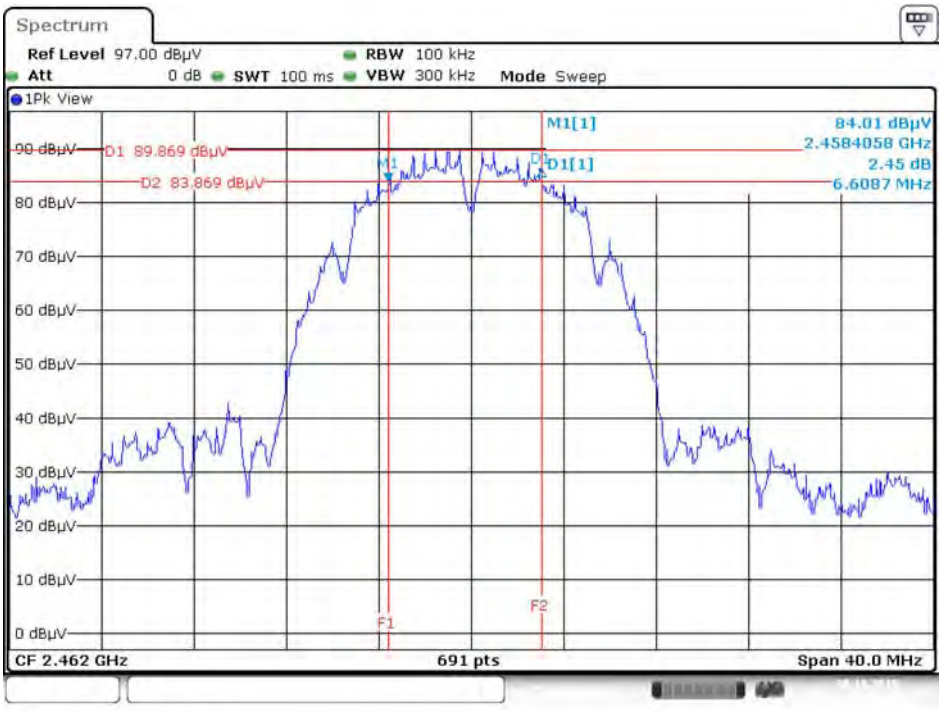


99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1 + Chain 2 + Chain 3

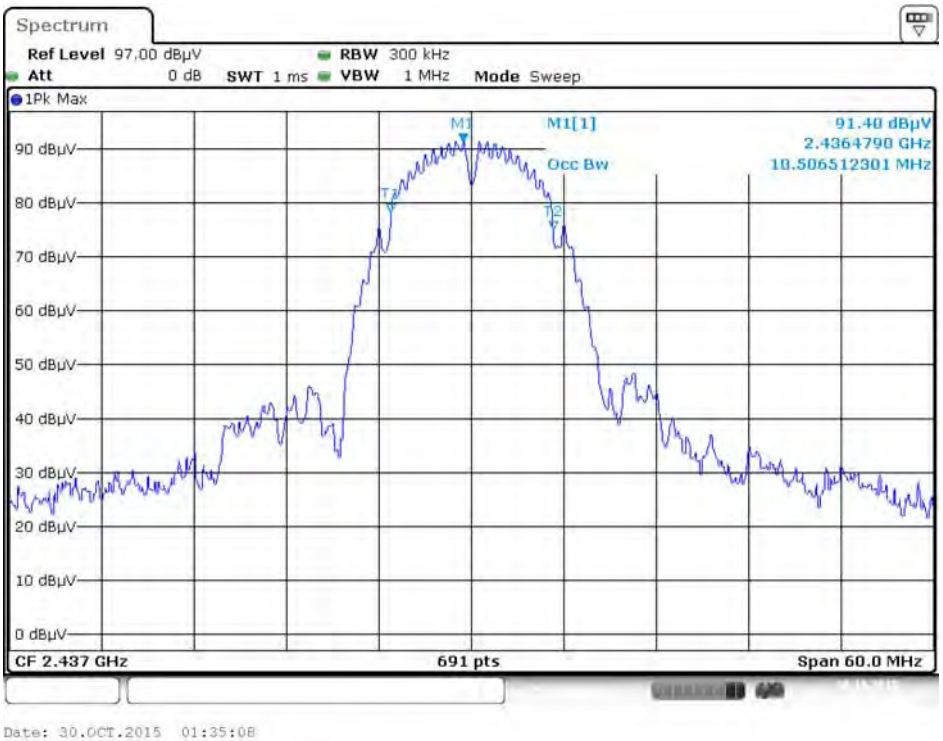


Mode 1 (Set 3 Dipole antenna / 3.83dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

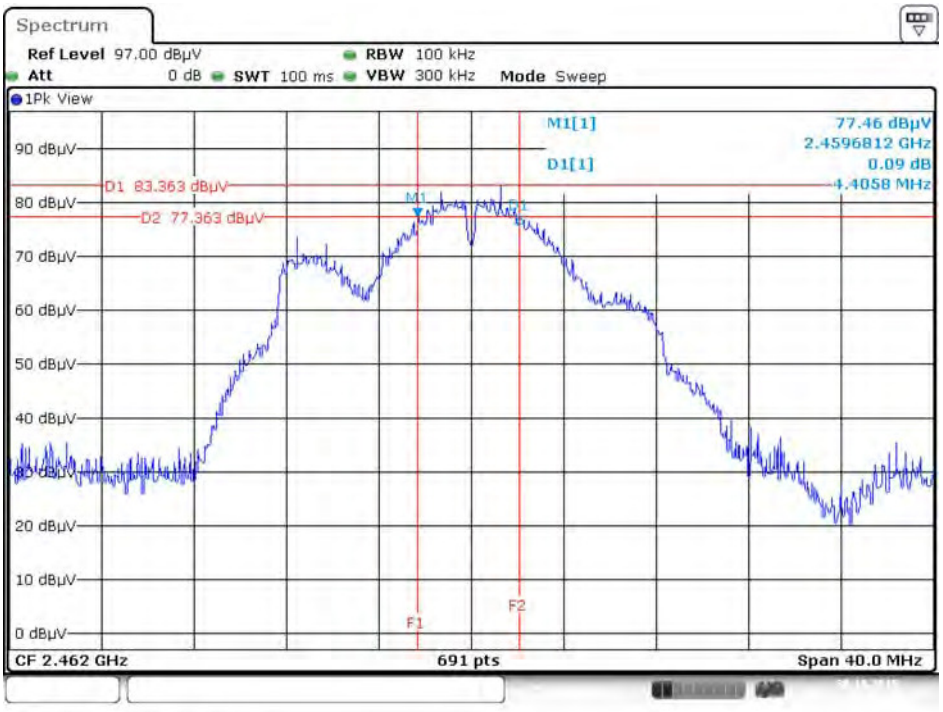
6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



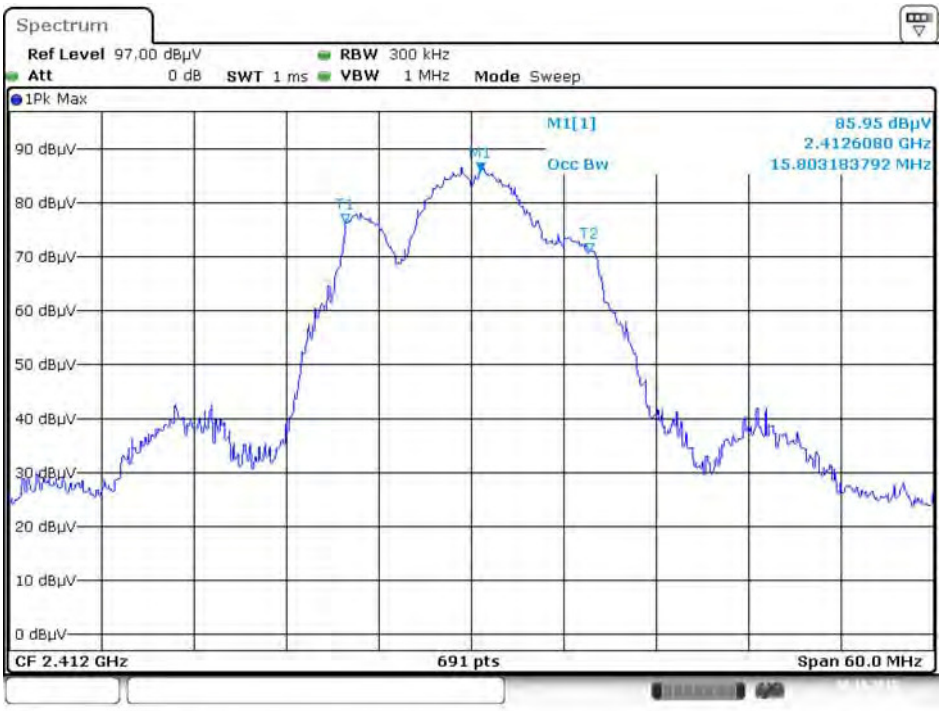
99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



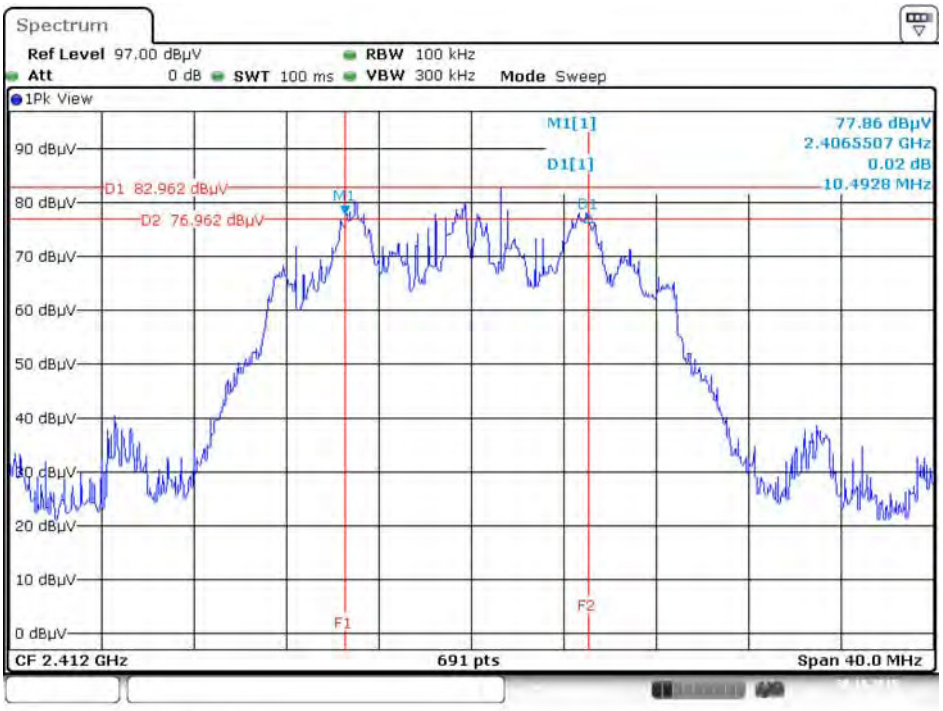
6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



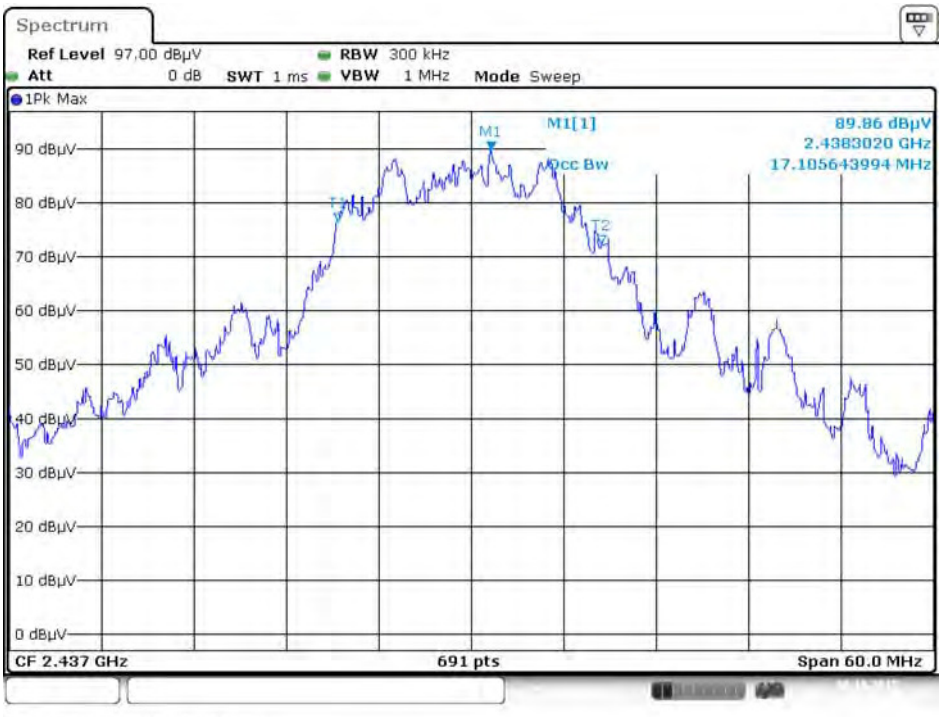
99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2412 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



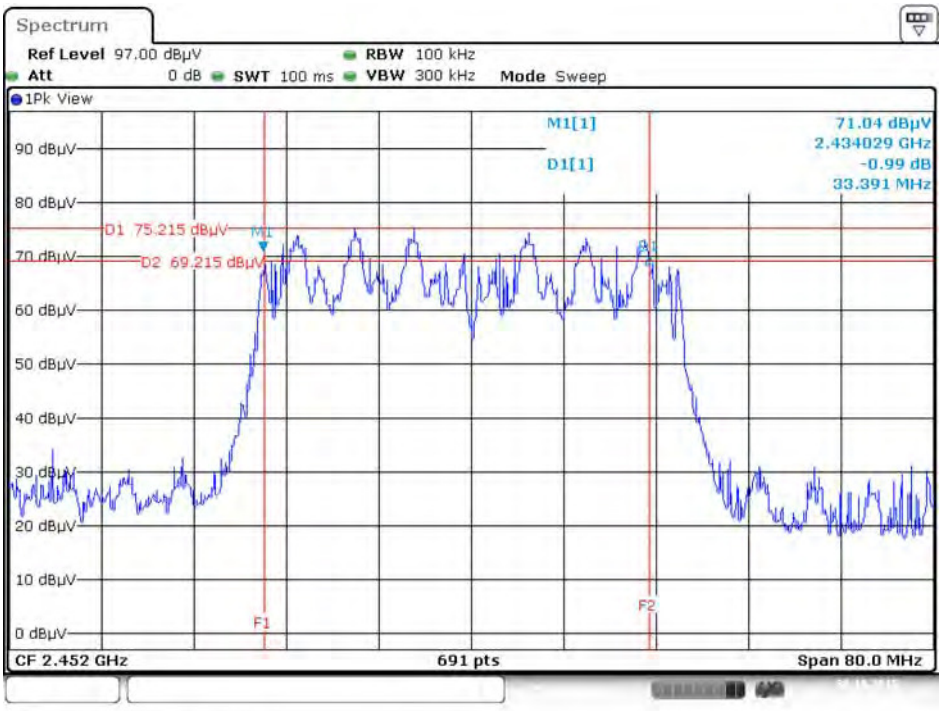
6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



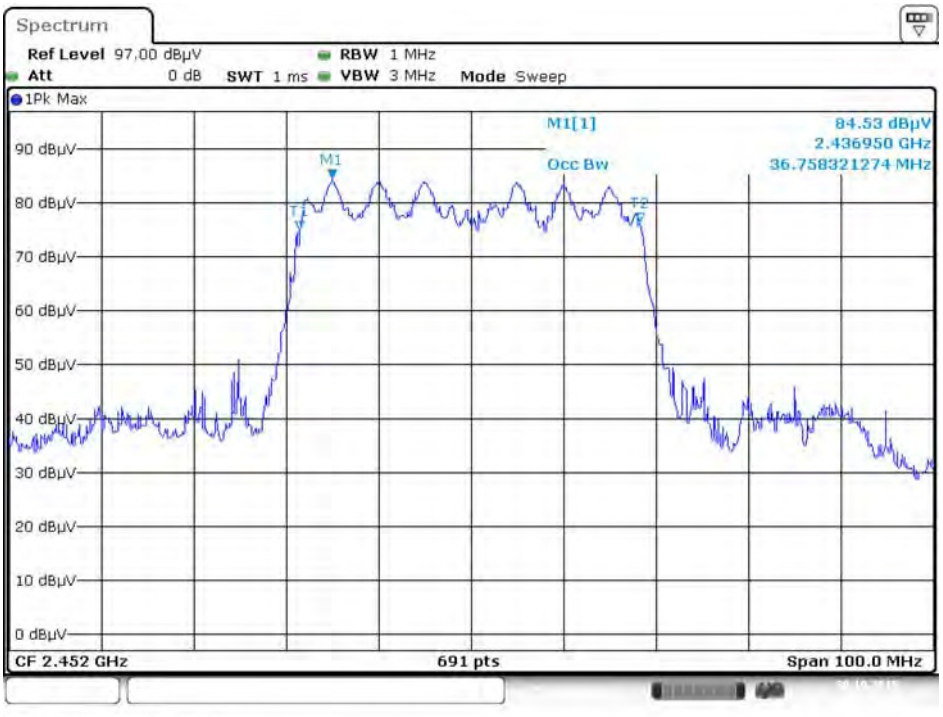
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4

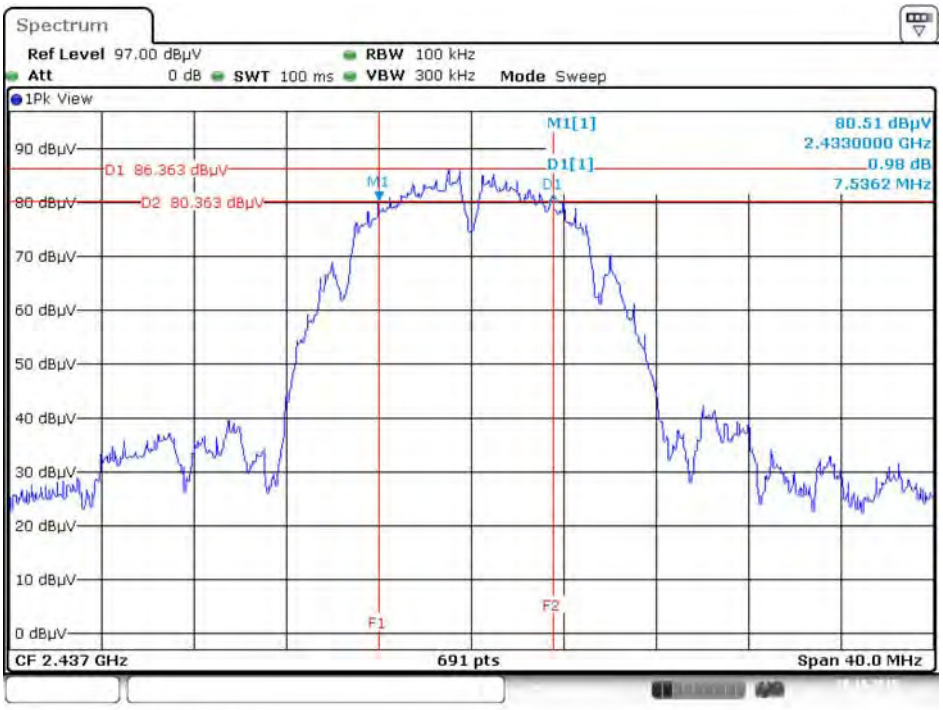


99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4

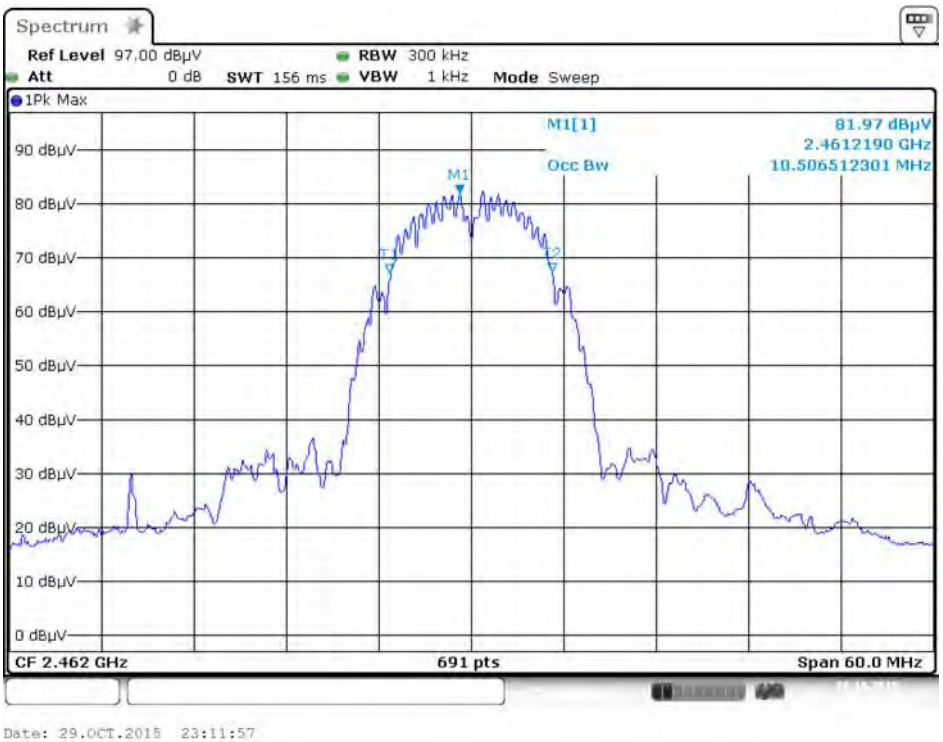


Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi *1 / 1TX)

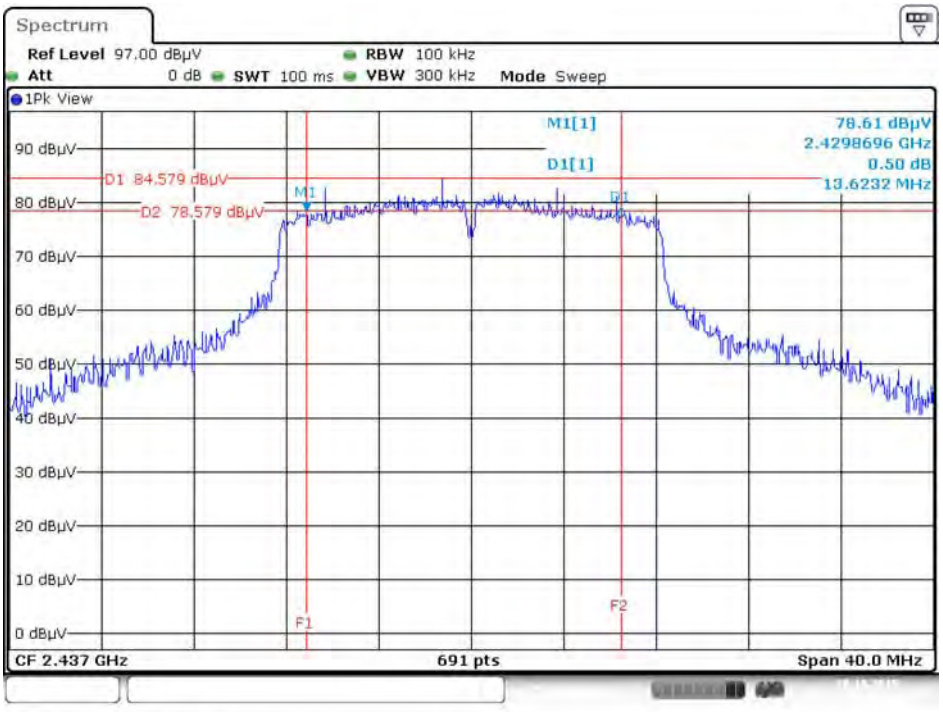
6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1



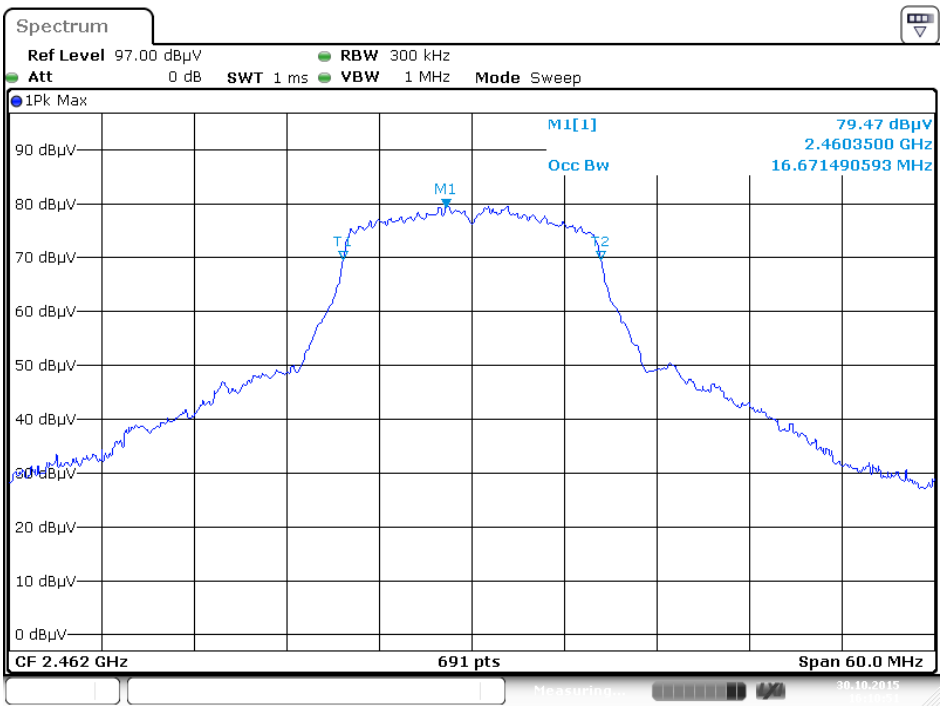
99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1



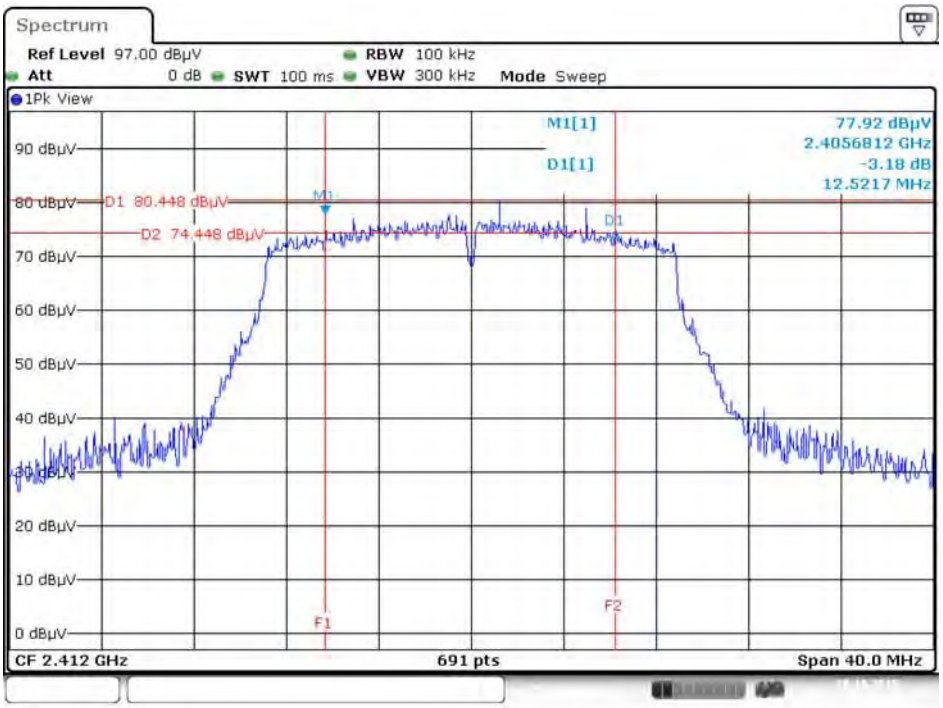
6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



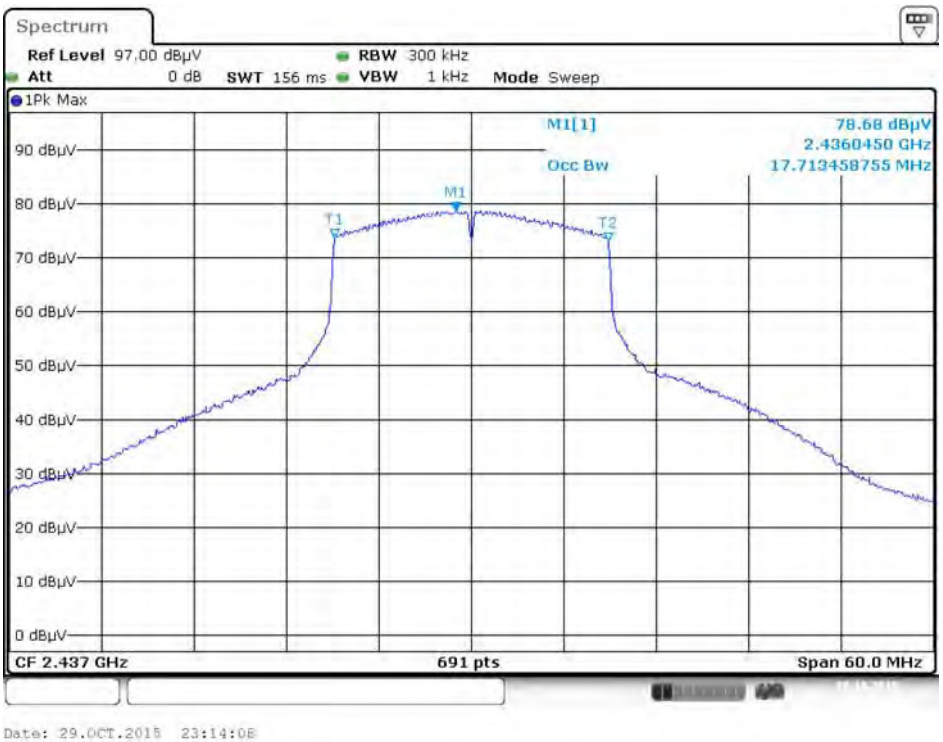
99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 1



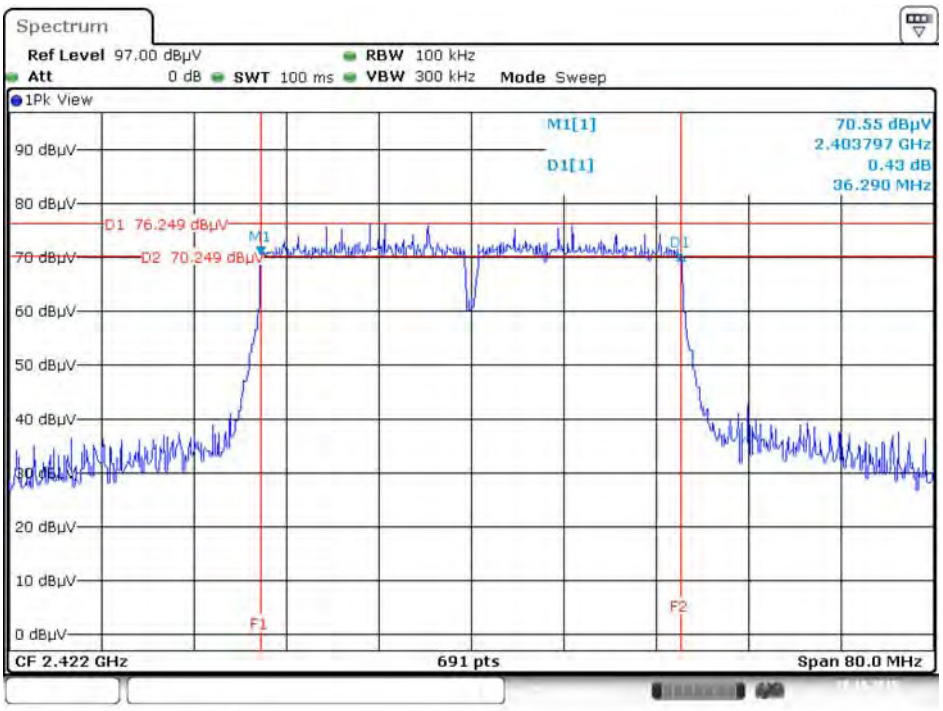
6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1



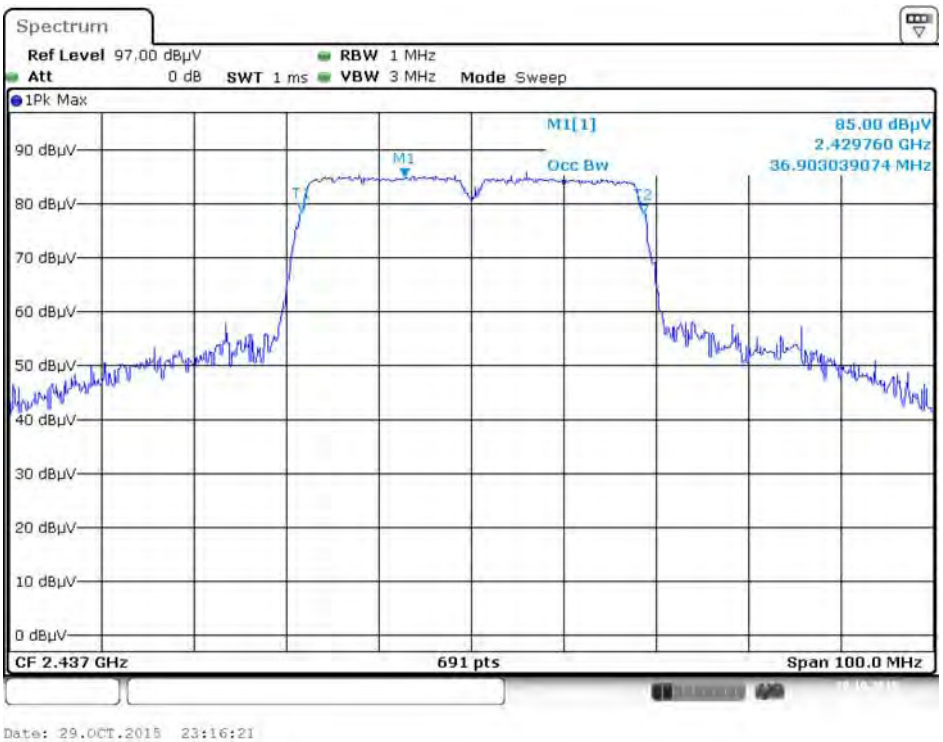
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1



6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 1

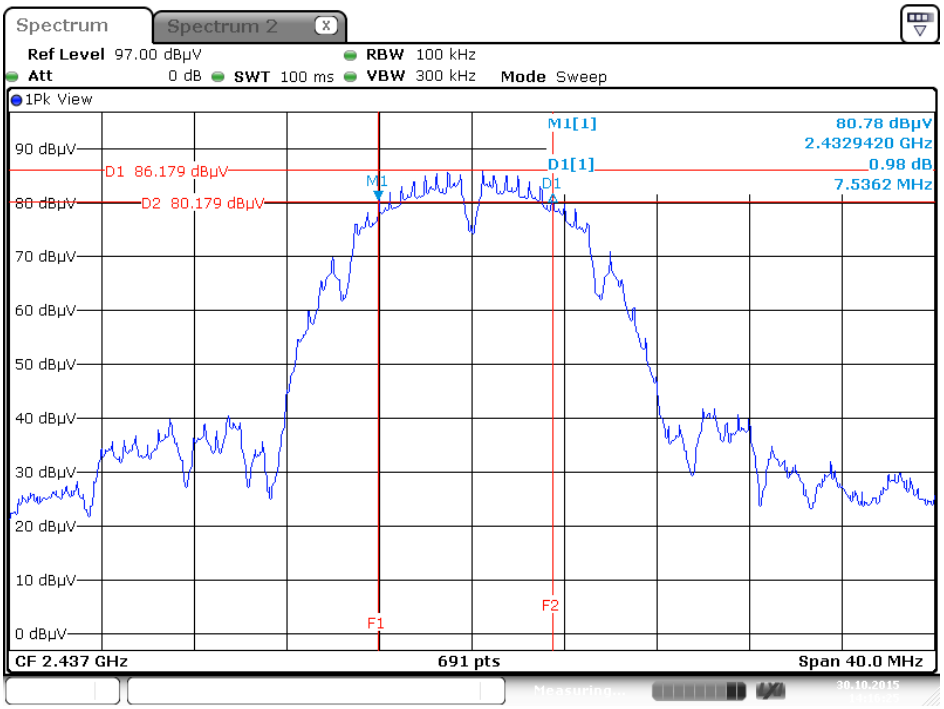


99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1



Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi*2 / 2TX)

6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 3



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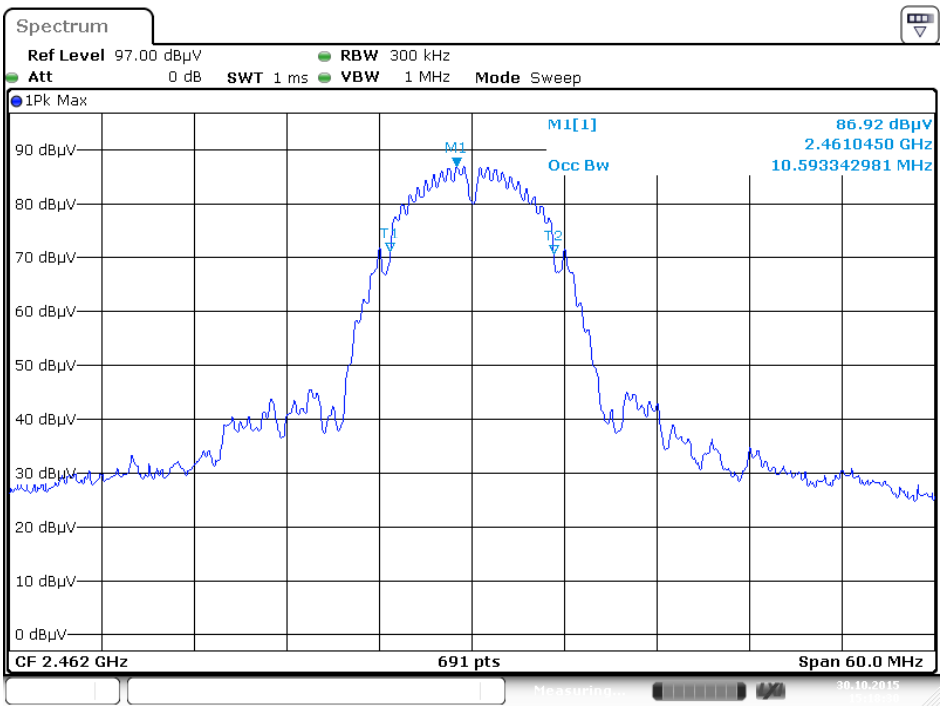
99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1 + Chain 3



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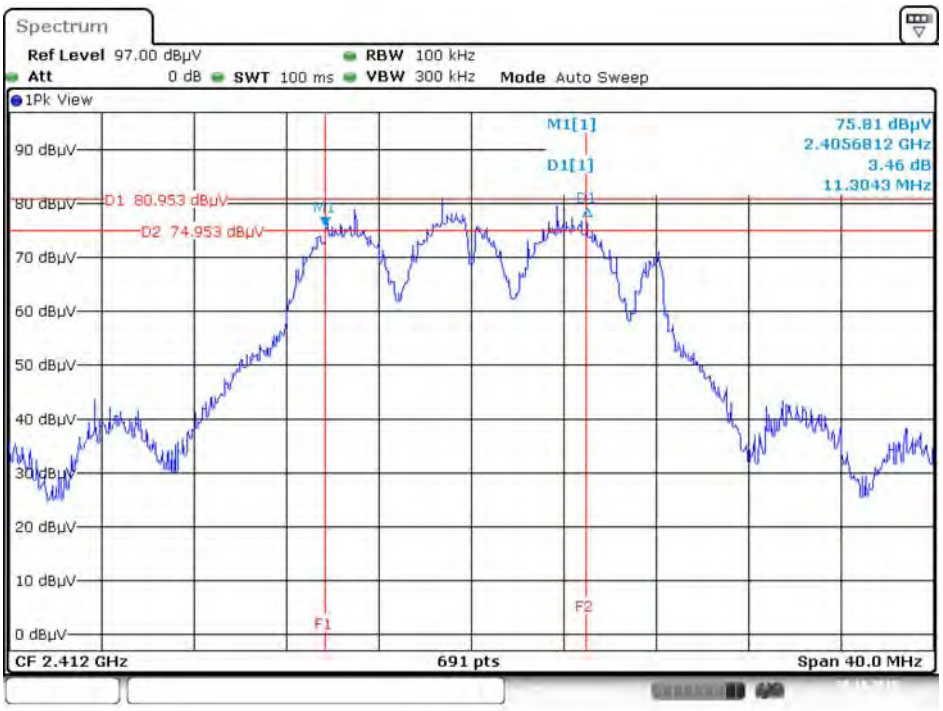
6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2412 MHz / Chain 1 + Chain 3



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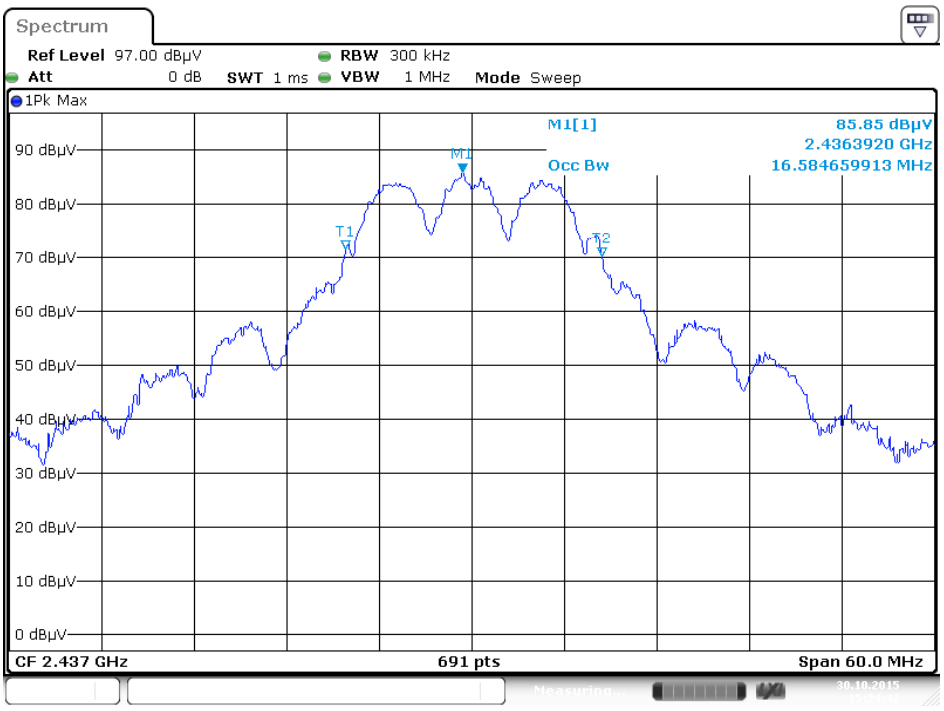
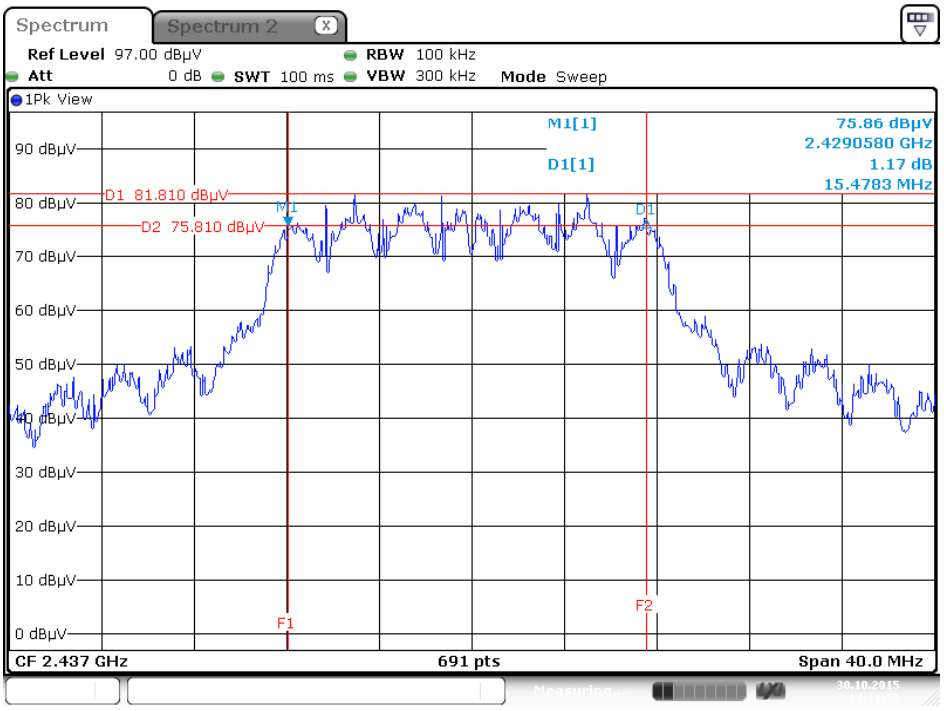
99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 3



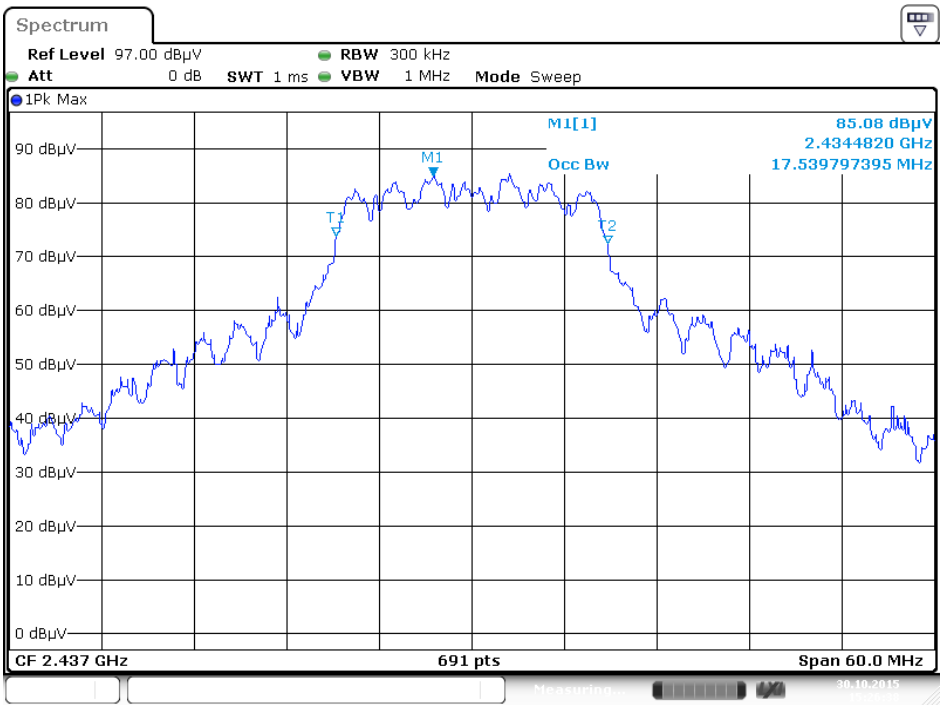
Date: 30.OCT.2015 15:24:41

6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 3



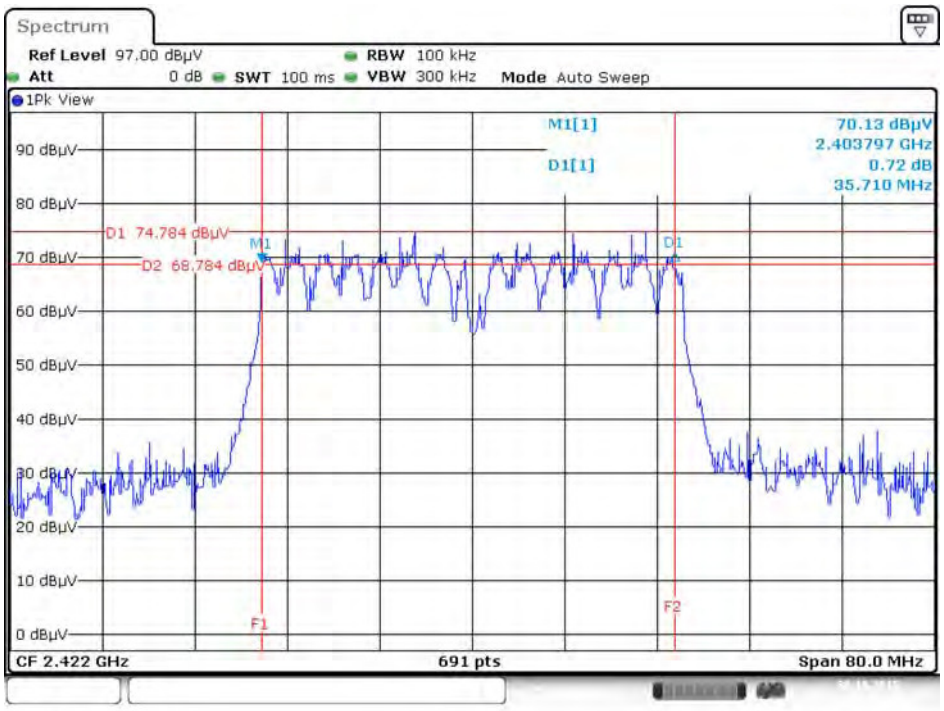
Date: 30.OCT.2015 14:21:57

99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 3



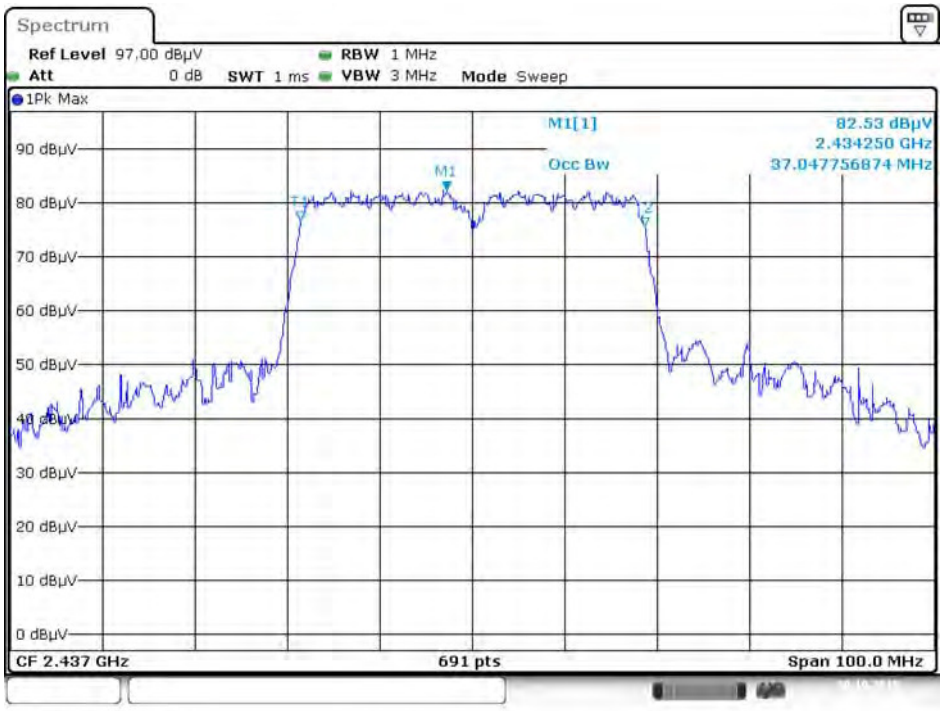
Date: 30.OCT.2015 15:26:38

6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 1 + Chain 2



Date: 30.OCT.2015 20:28:53

99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1 + Chain 2



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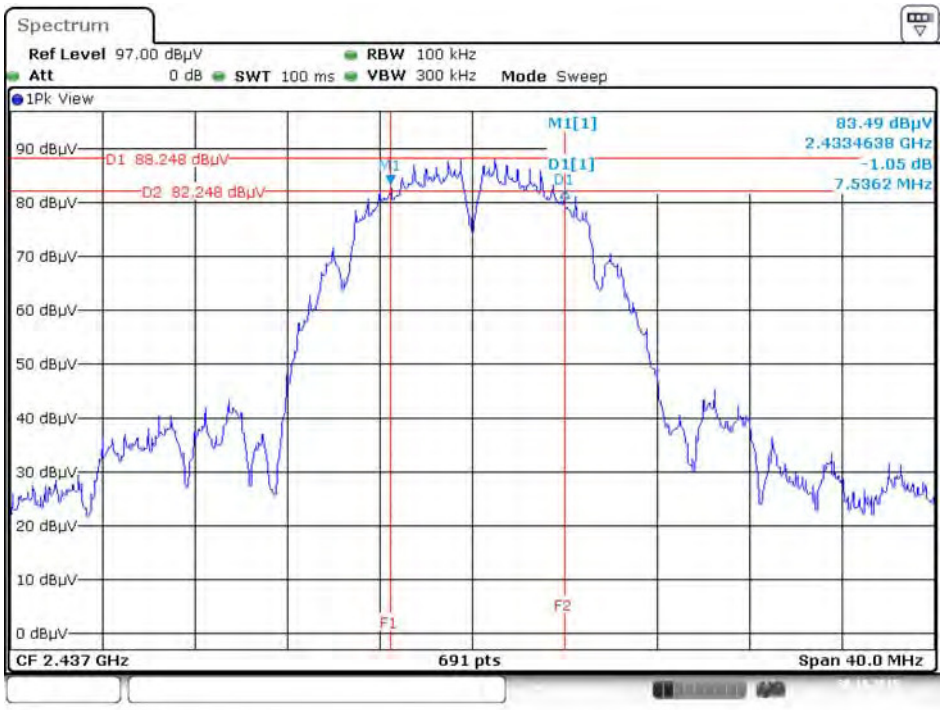
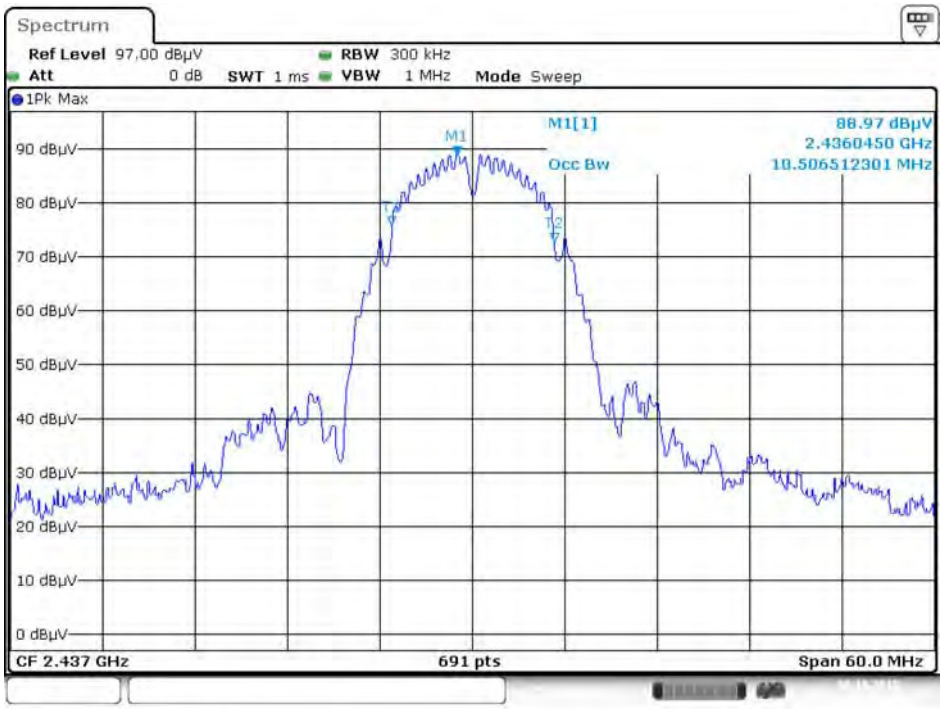
Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi*2, (1B)3.93dBi*1 / 3TX)

6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 2 + Chain 3



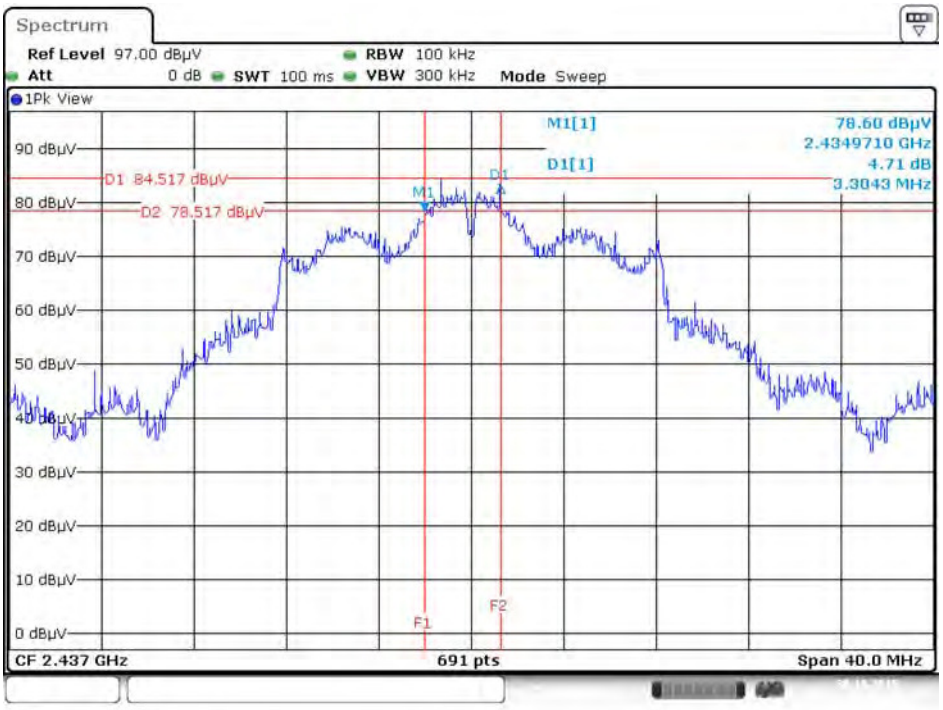
Date: 30.OCT.2015 01:21:25

99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 2 + Chain 3

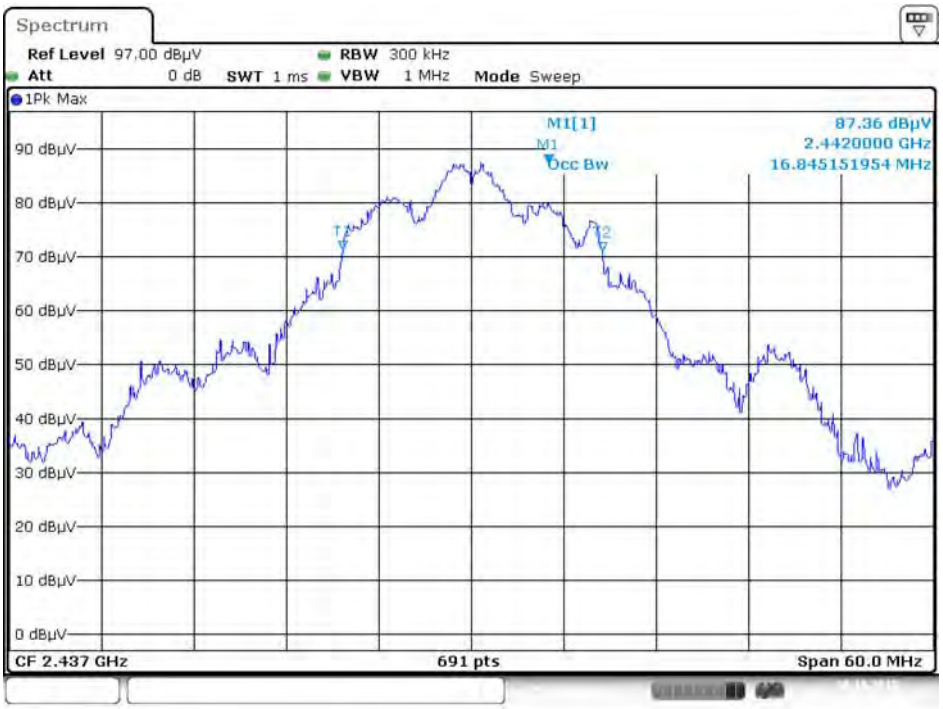


Date: 30.OCT.2015 01:13:43

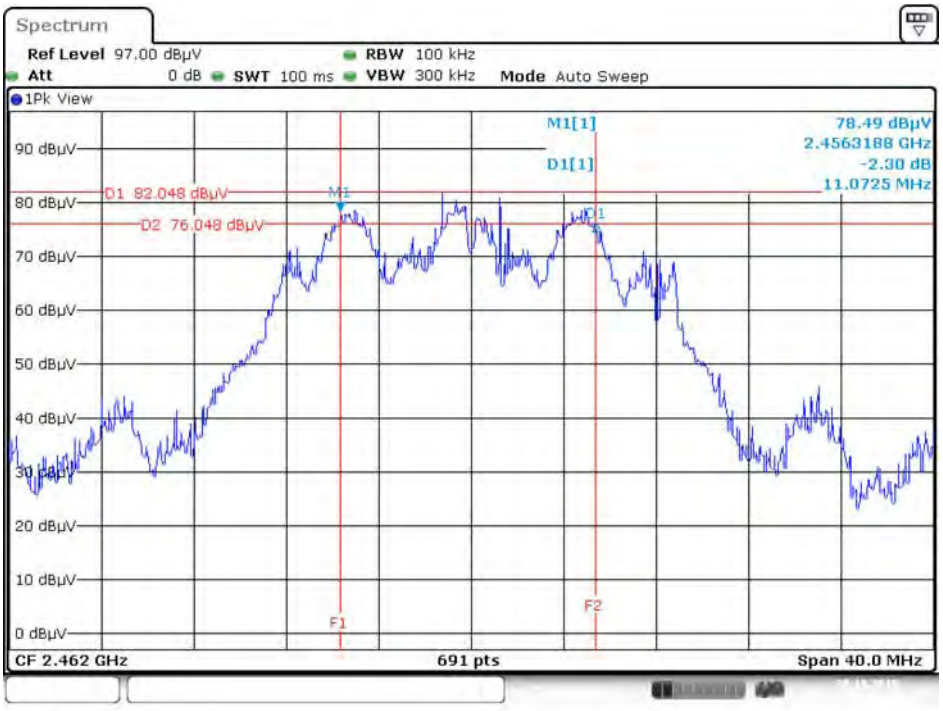
6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 2 + Chain 3



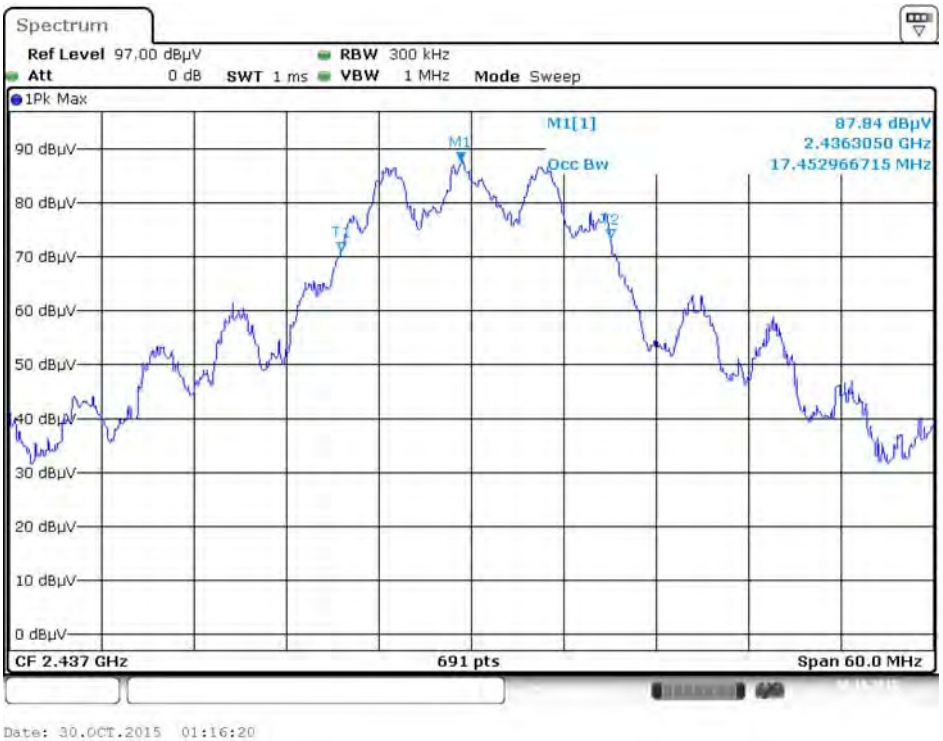
99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 2 + Chain 3



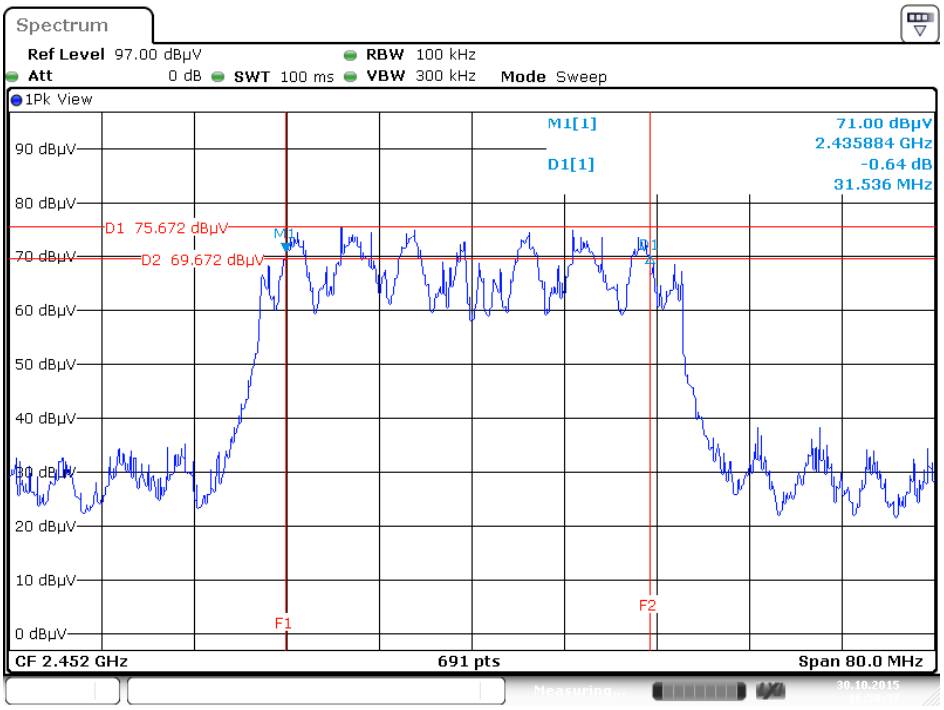
6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2462 MHz / Chain 1 + Chain 2 + Chain 3



99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 2 + Chain 3

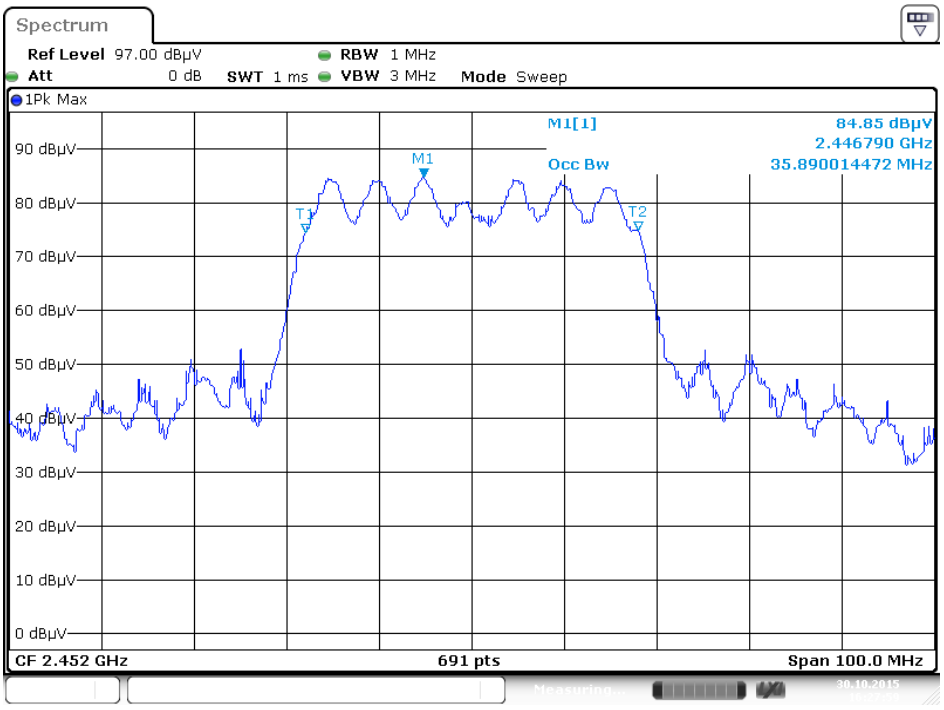


6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1 + Chain 2 + Chain 3



Date: 30.OCT.2015 16:50:37

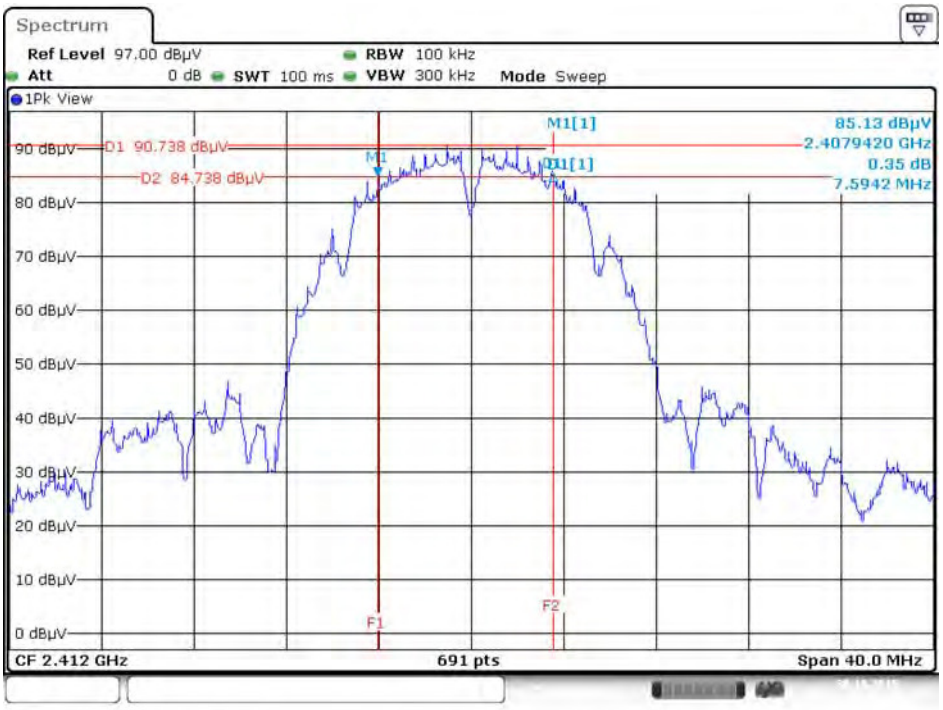
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1 + Chain 2 + Chain 3



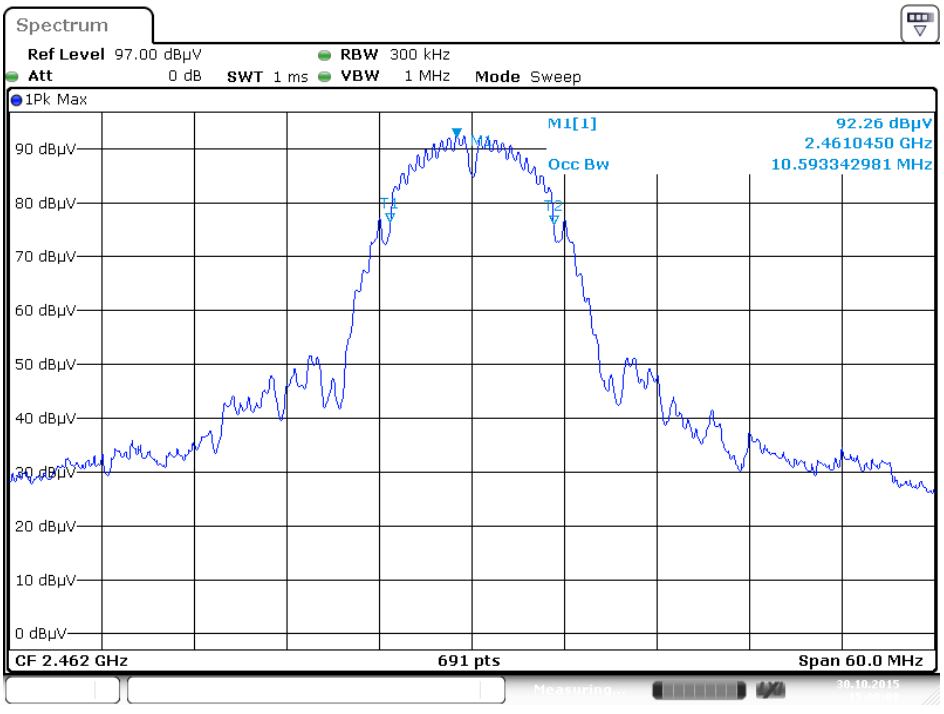
Date: 30.OCT.2015 16:27:59

Mode 2 (Set 5 Polarized Dipole antenna / (1A)2.53dBi*2, (1B)3.93dBi*1 + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

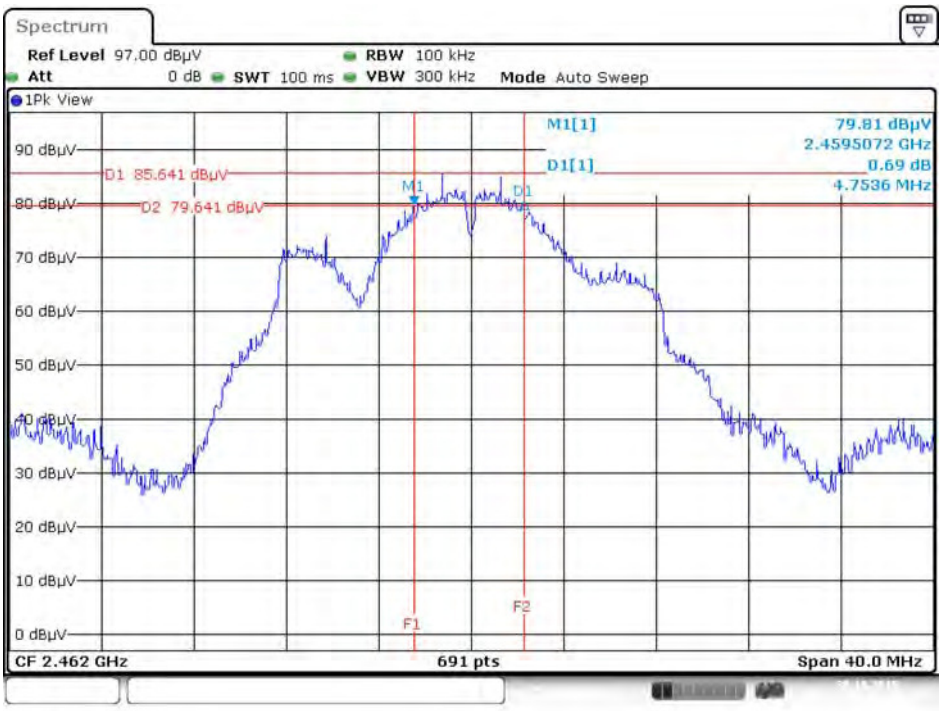
6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2412 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4

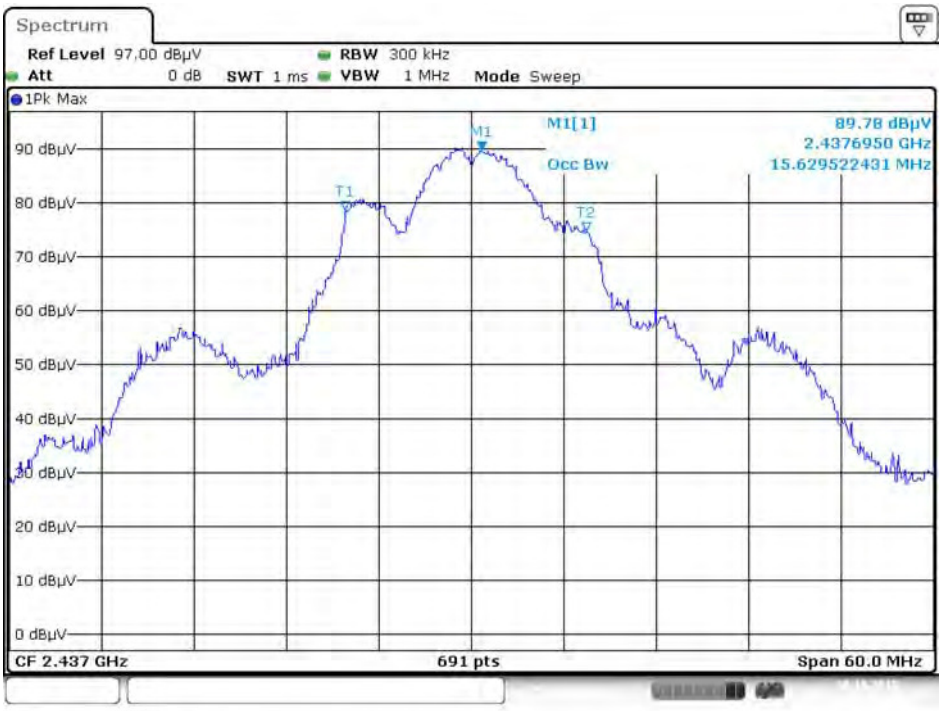


6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



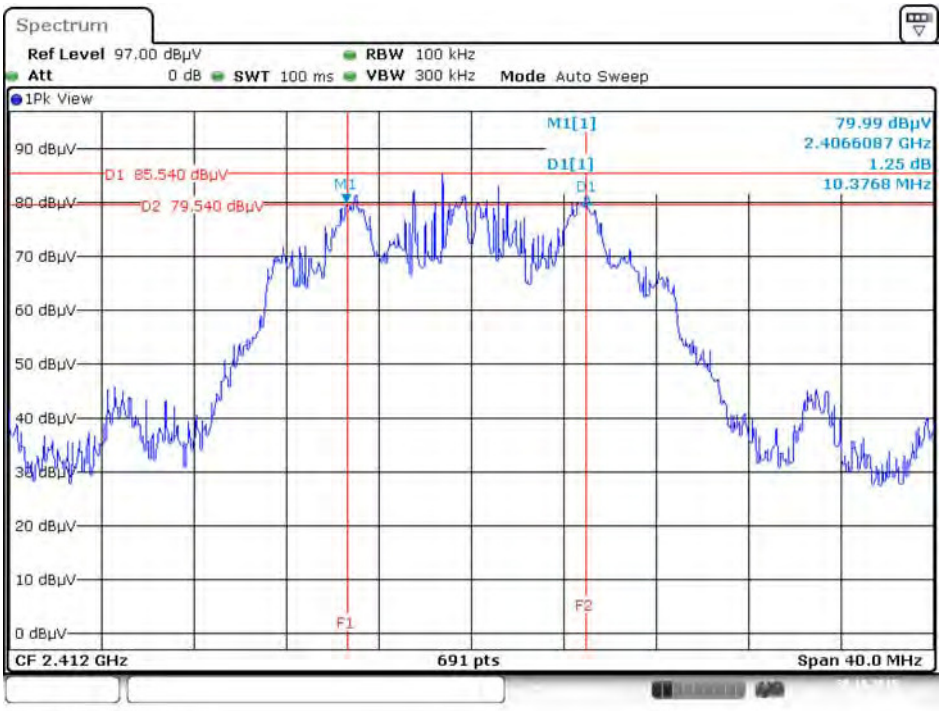
Date: 30.OCT.2015 20:32:59

99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4

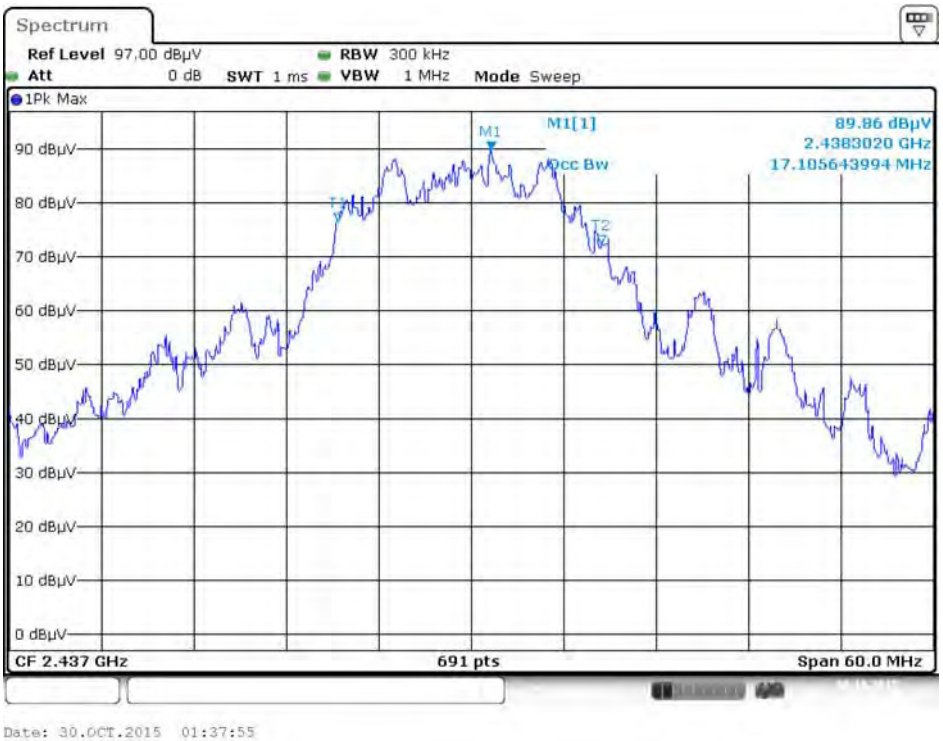


Date: 30.OCT.2015 01:36:44

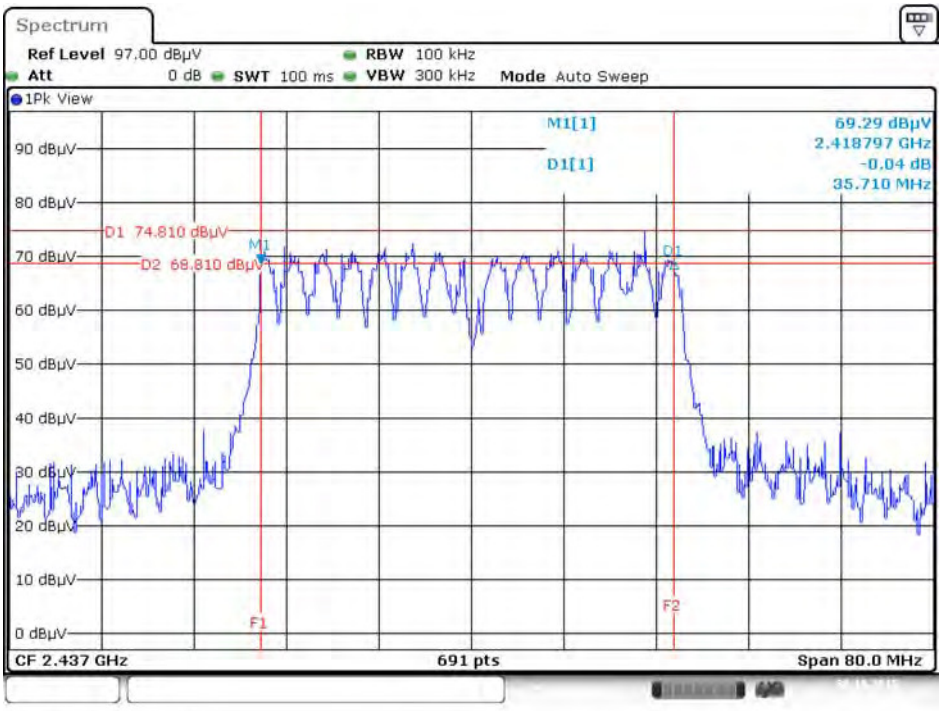
6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4

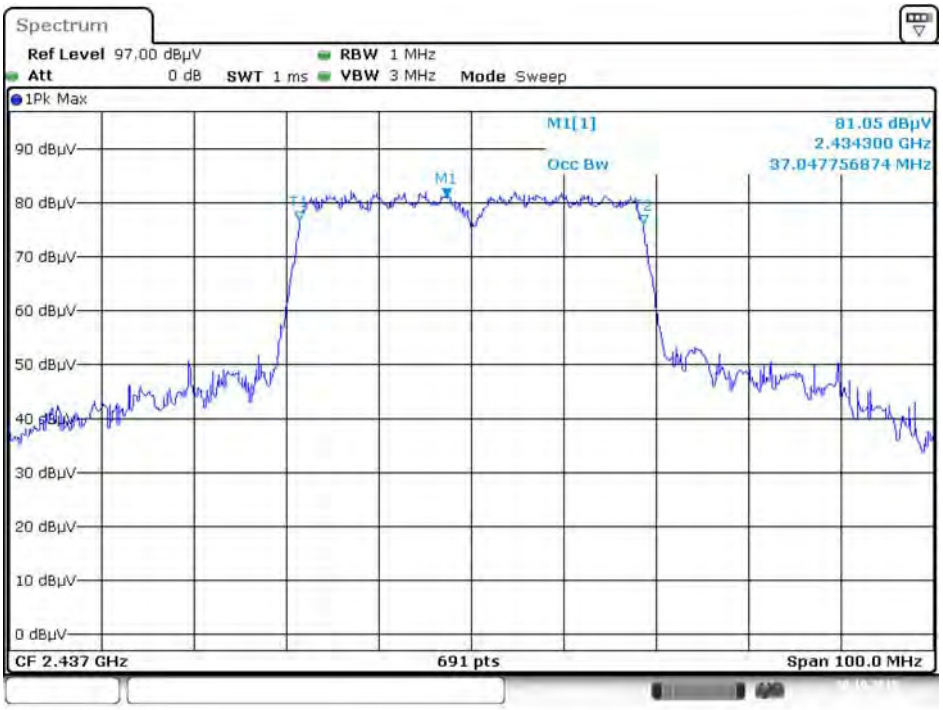


6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



Date: 30.OCT.2015 20:34:34

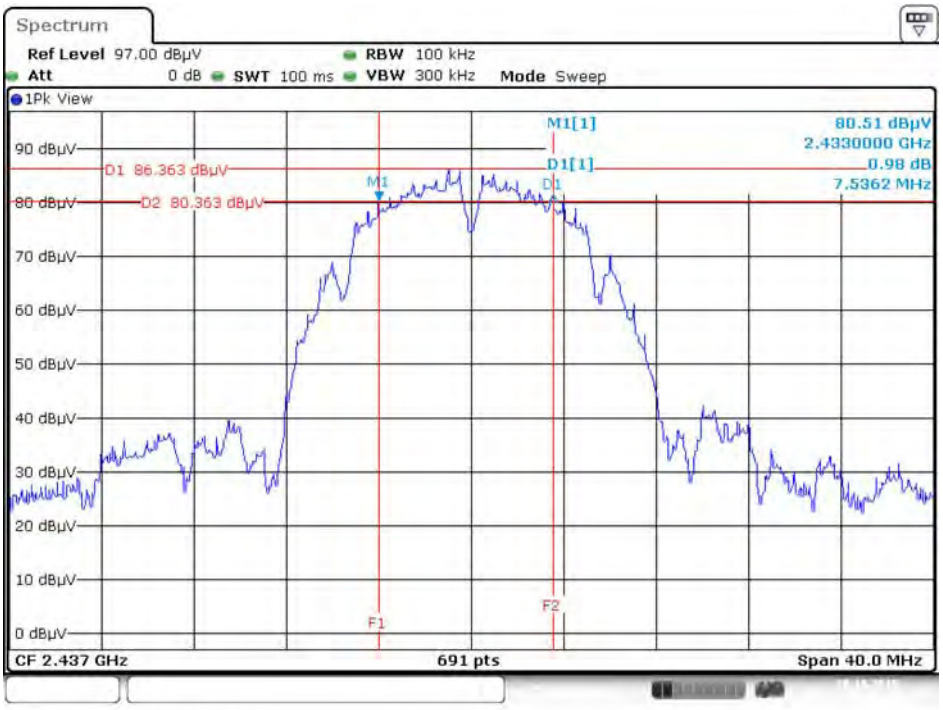
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



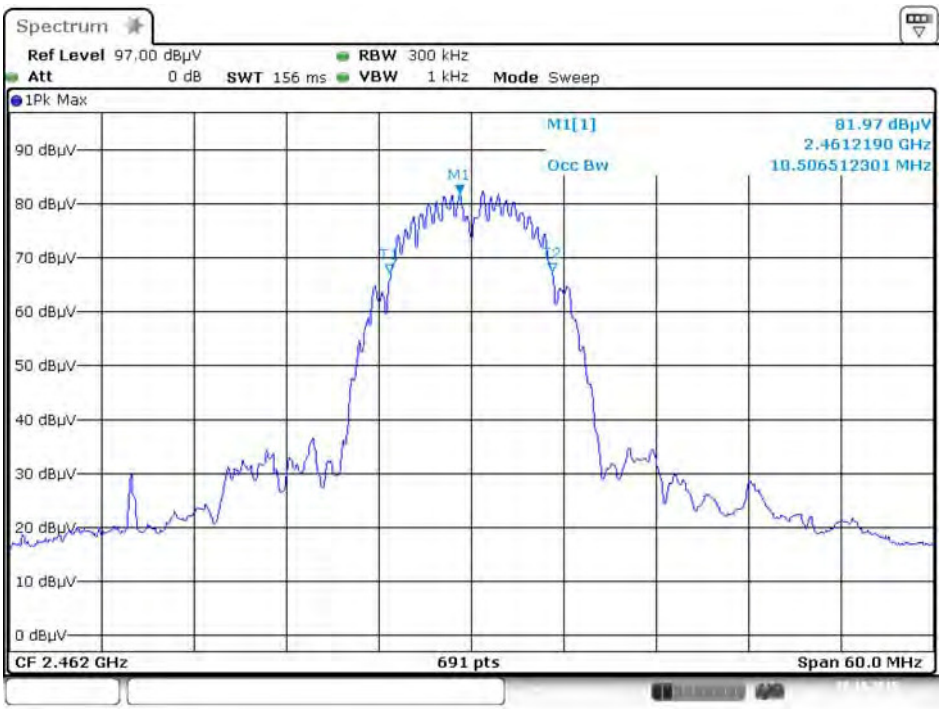
Date: 30.OCT.2015 21:07:20

Mode 3 (Set 6 Panel antenna / 4.03dBi / 1TX)

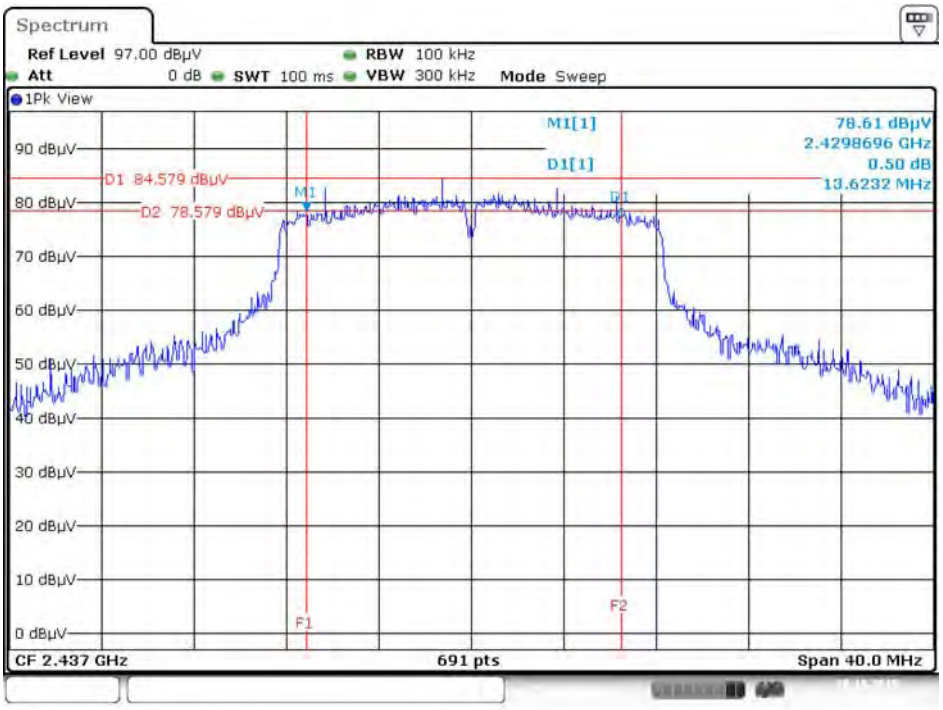
6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1



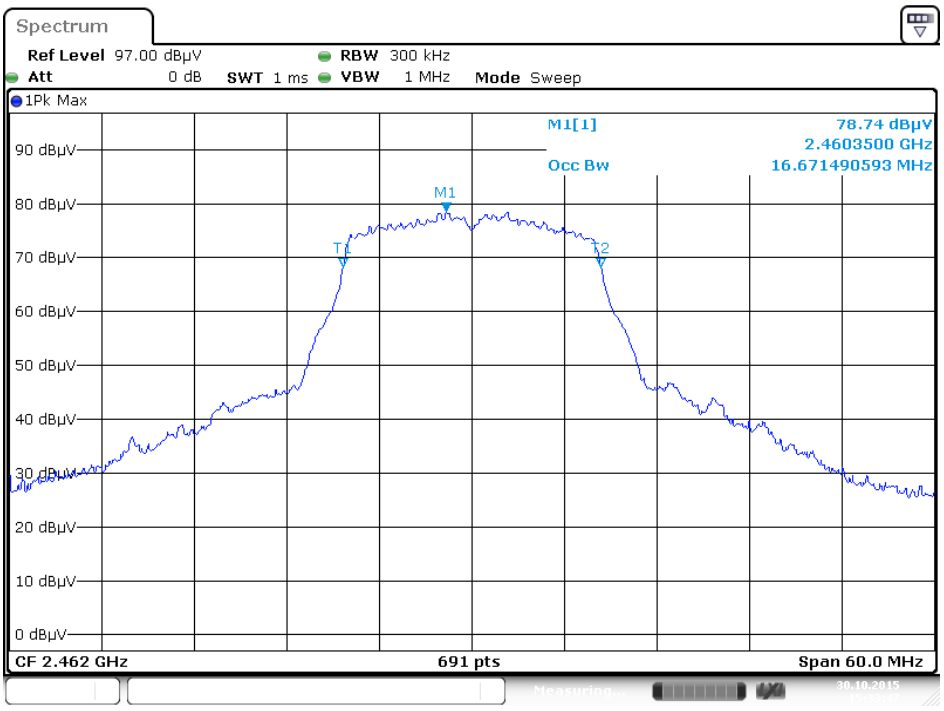
99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1



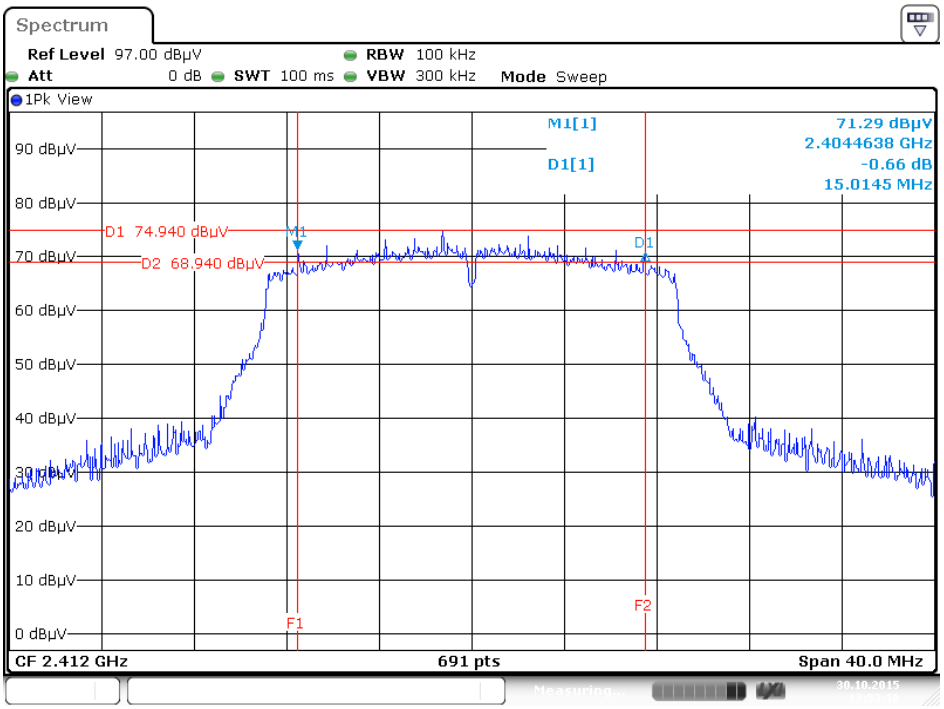
6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1



99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2462 MHz / Chain 1

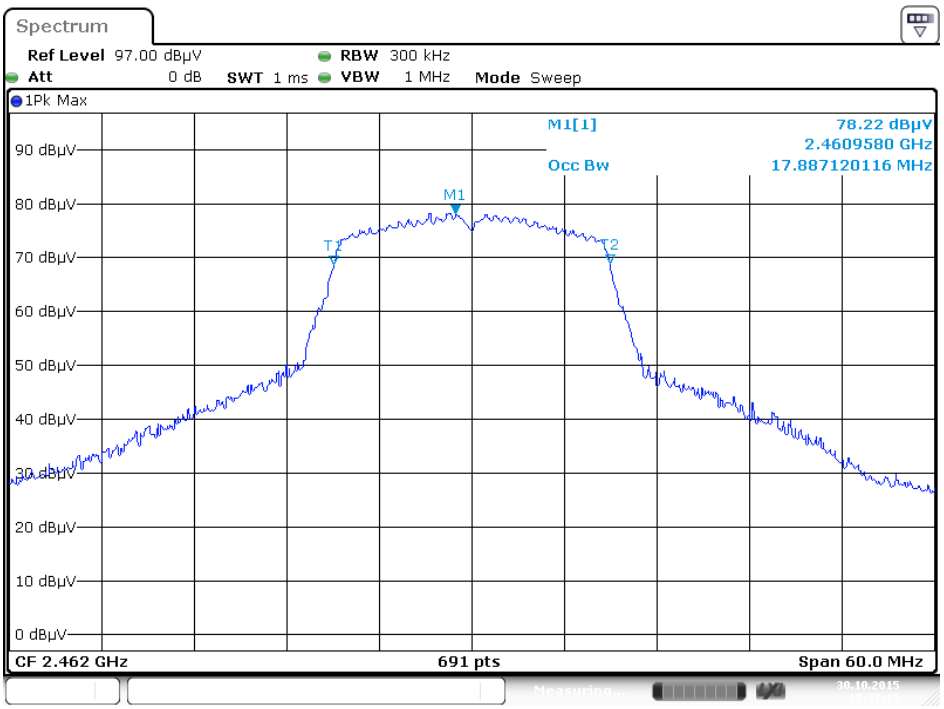


6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1



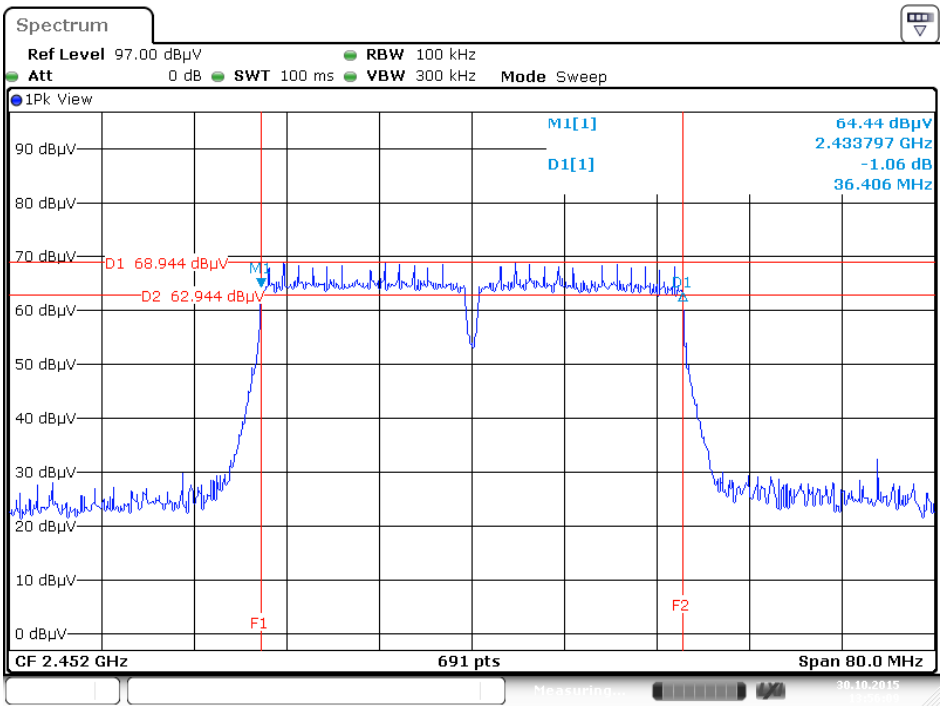
Date: 30.OCT.2015 13:53:18

99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2462 MHz / Chain 1



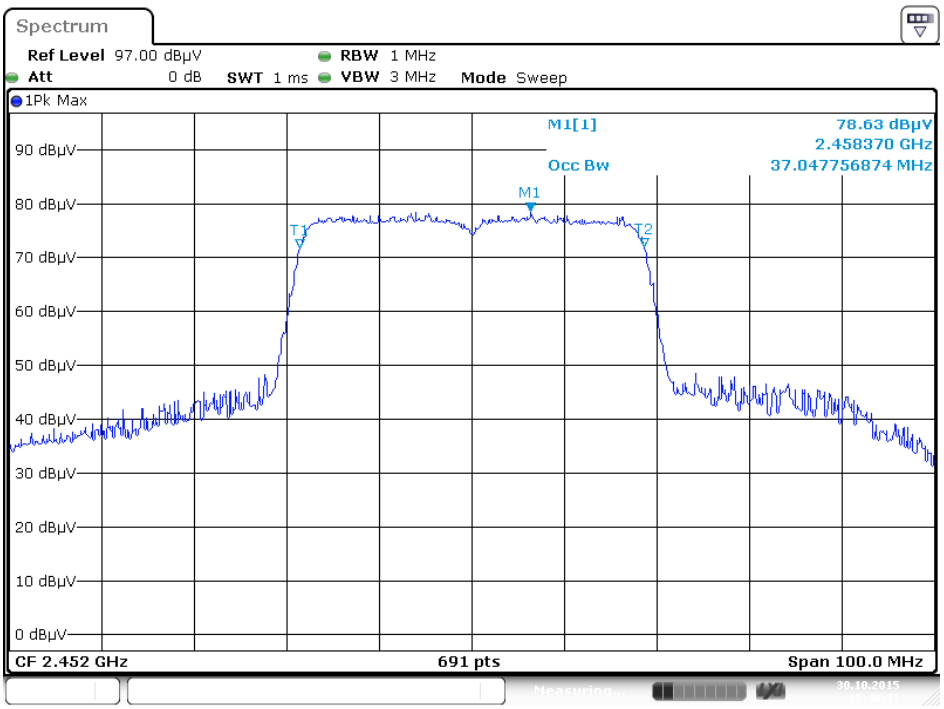
Date: 30.OCT.2015 15:37:15

6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1



Date: 30.OCT.2015 13:56:09

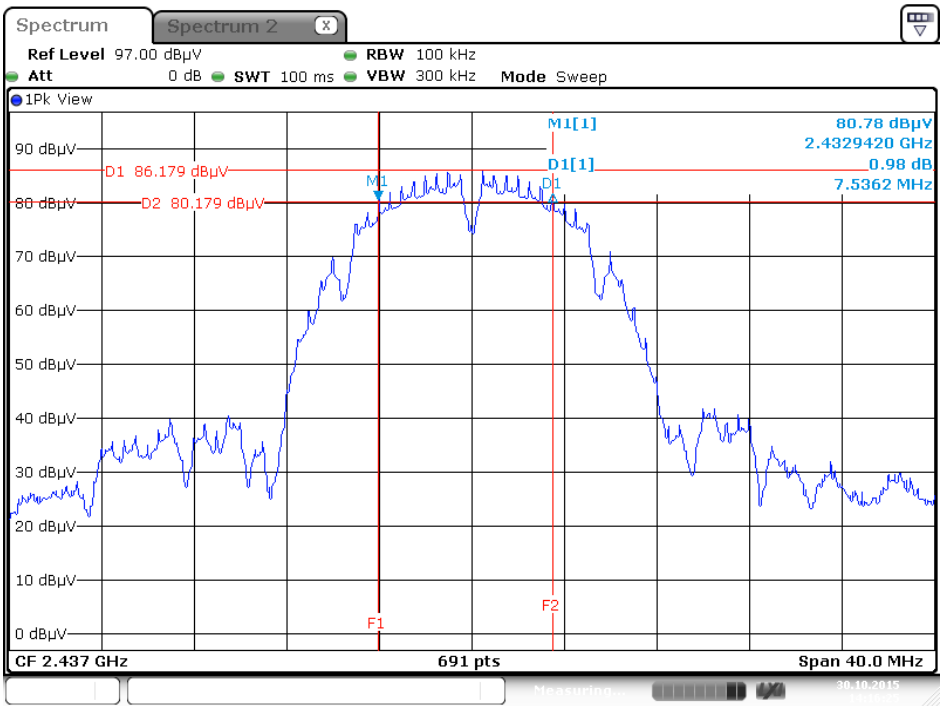
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1



Date: 30.OCT.2015 15:40:51

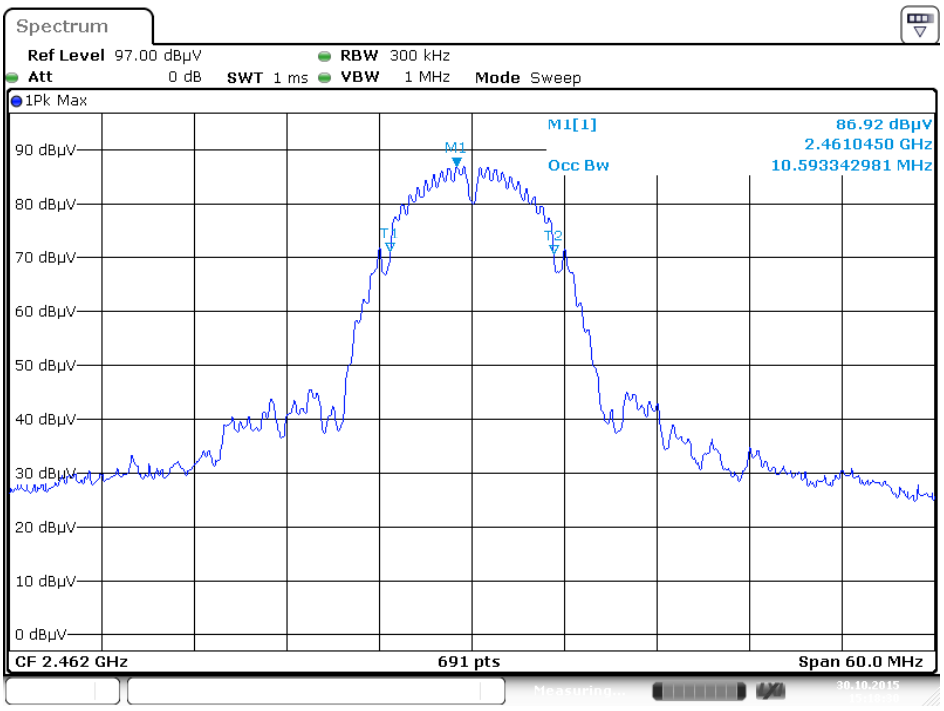
Mode 3 (Set 6 Panel antenna / 4.03dBi / 2TX)

6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 3



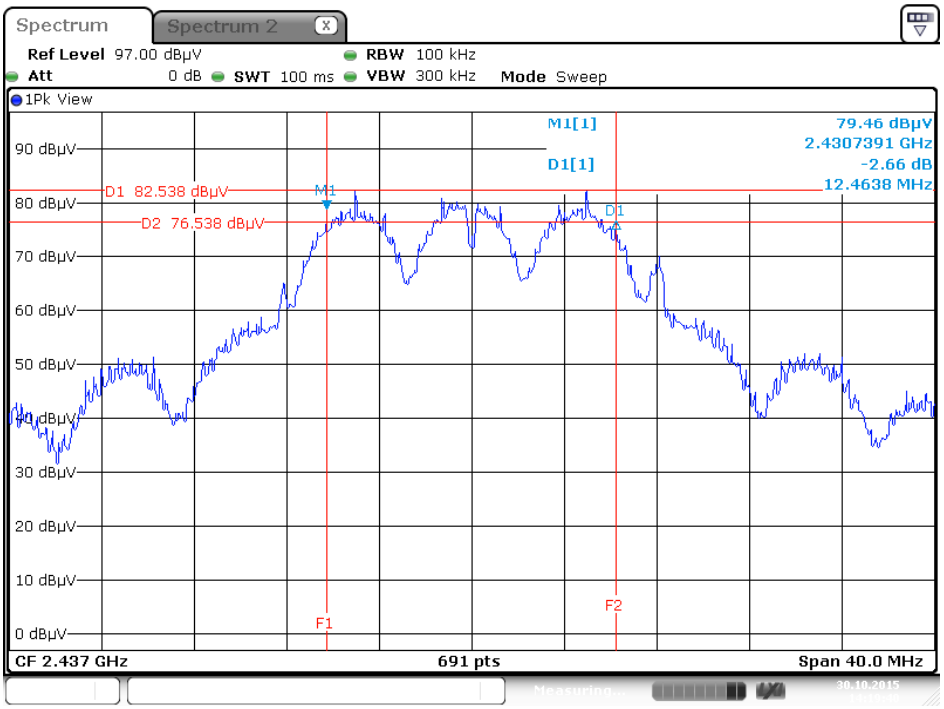
Date: 30.OCT.2015 14:16:25

99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1 + Chain 3



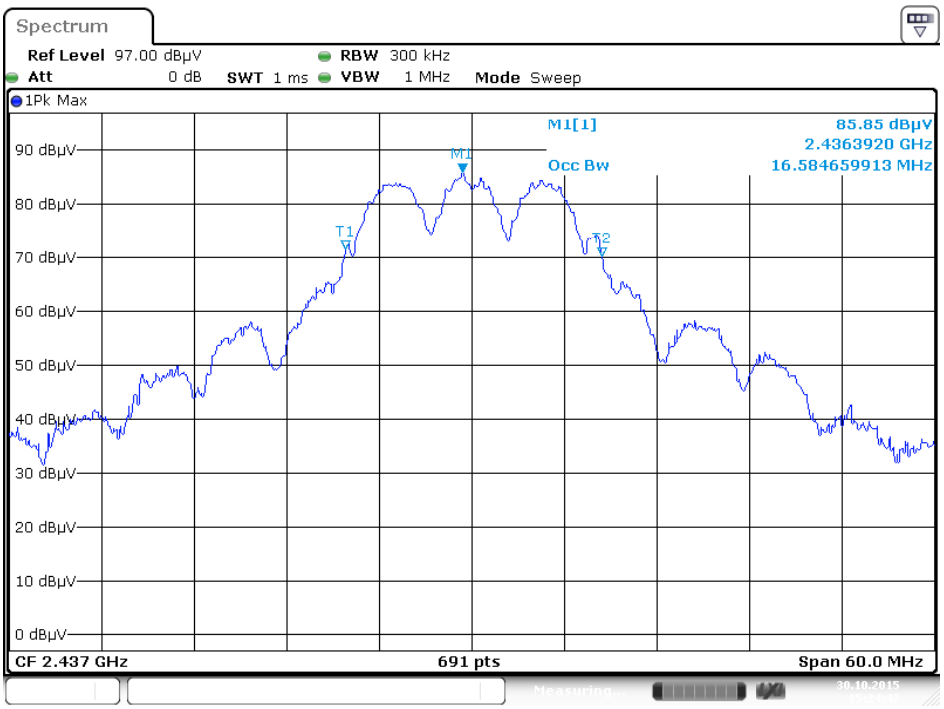
Date: 30.OCT.2015 15:18:30

6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 3



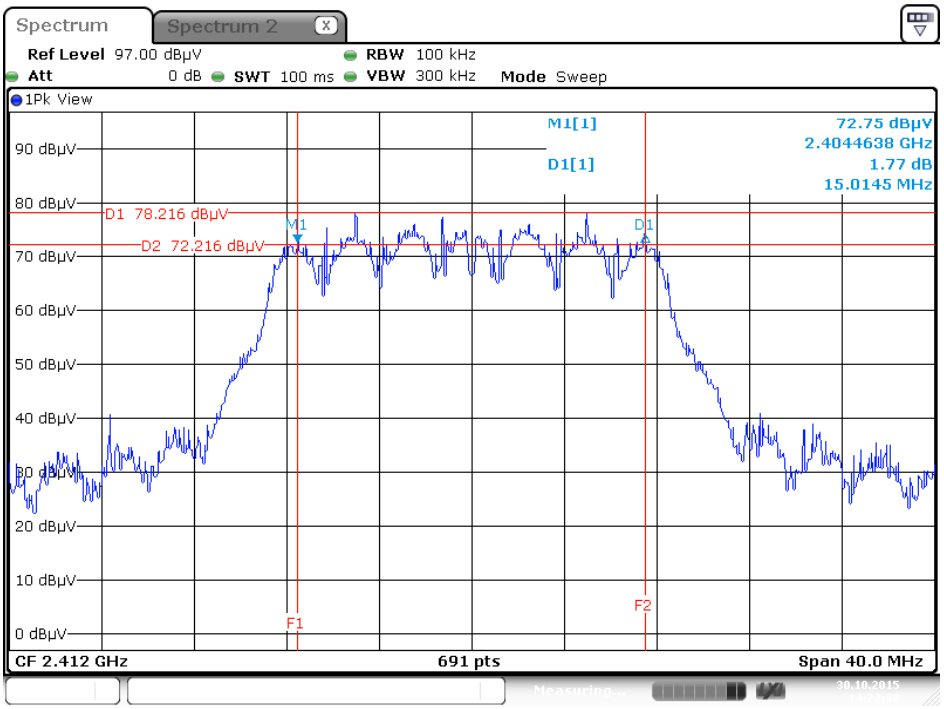
Date: 30.OCT.2015 14:19:39

99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 3



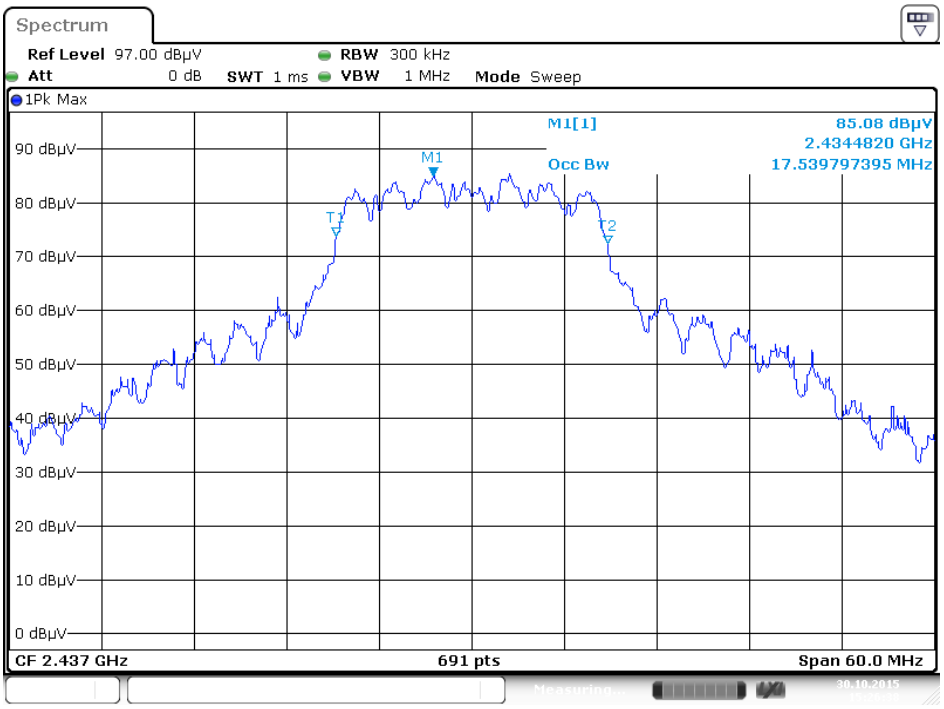
Date: 30.OCT.2015 15:24:41

6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1 + Chain 3



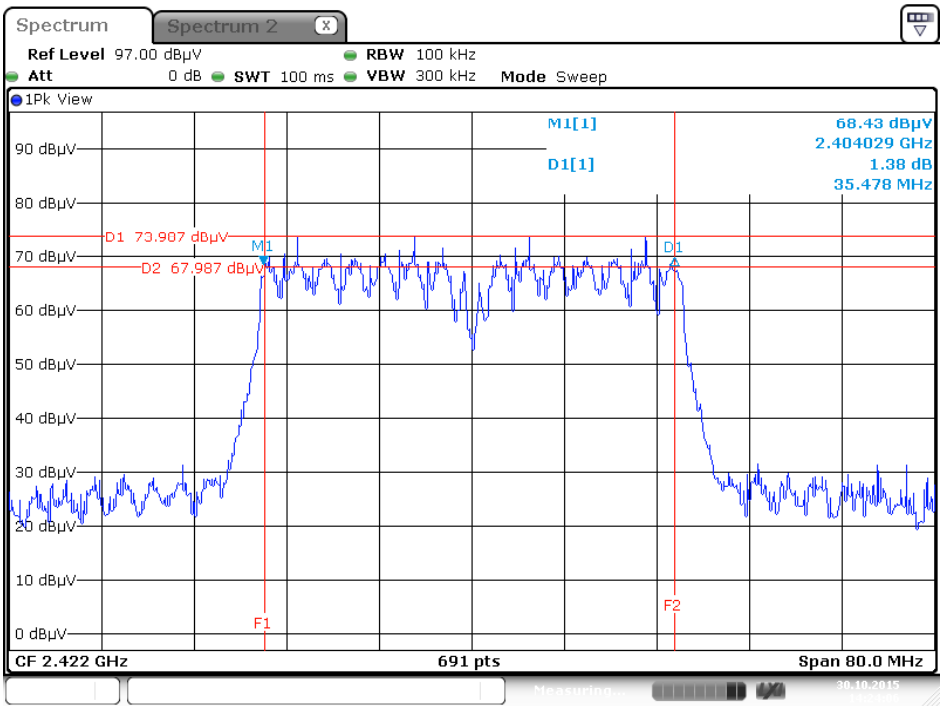
Date: 30.OCT.2015 14:22:38

99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 3



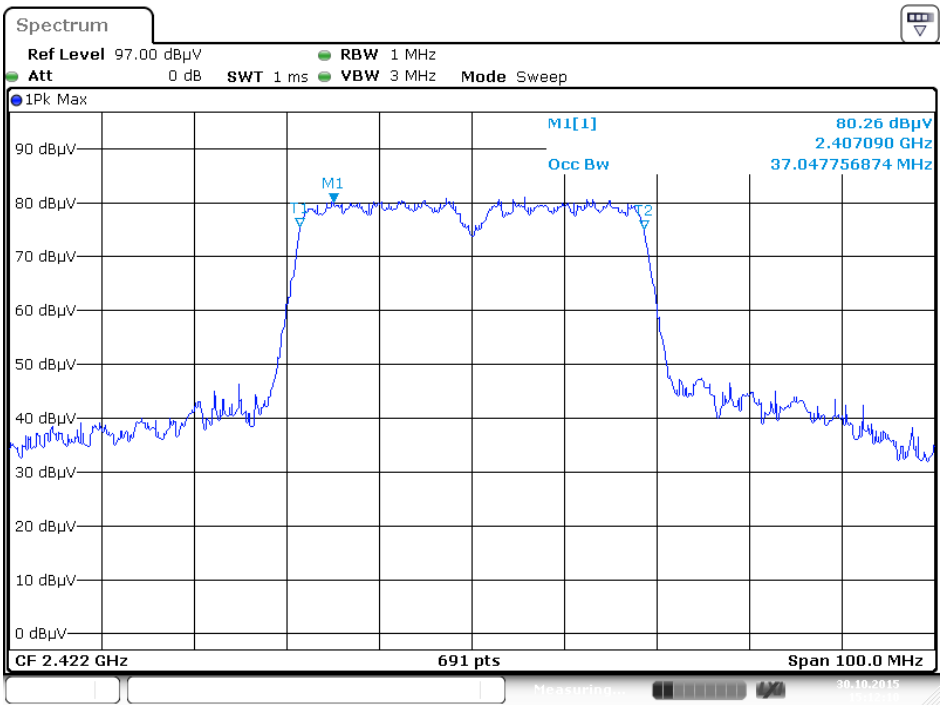
Date: 30.OCT.2015 15:26:38

6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 1 + Chain 3



Date: 30.OCT.2015 14:24:07

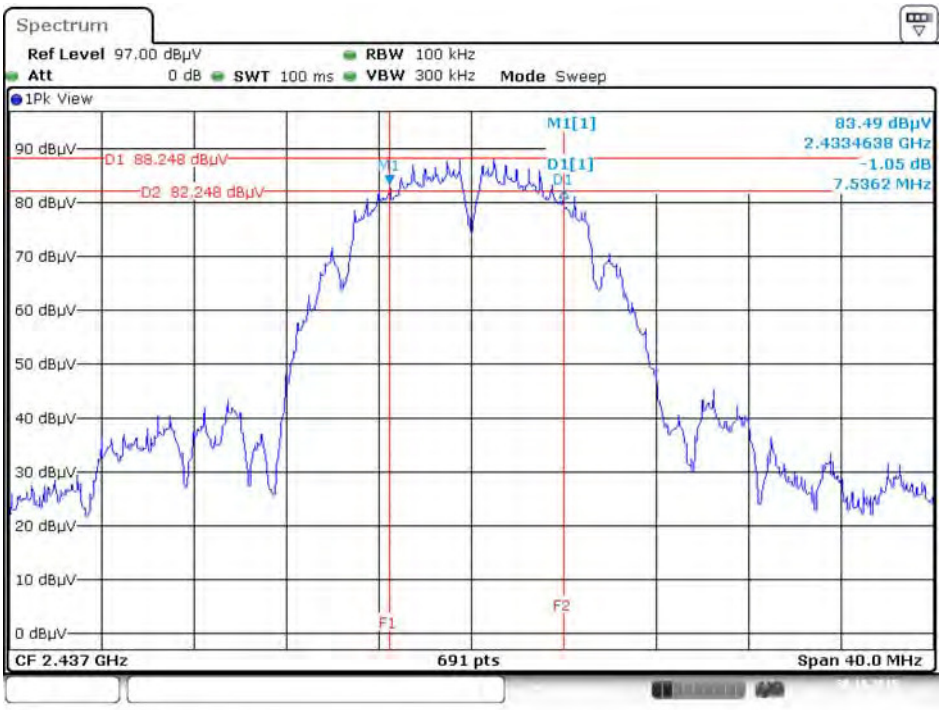
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2422 MHz / Chain 1 + Chain 3



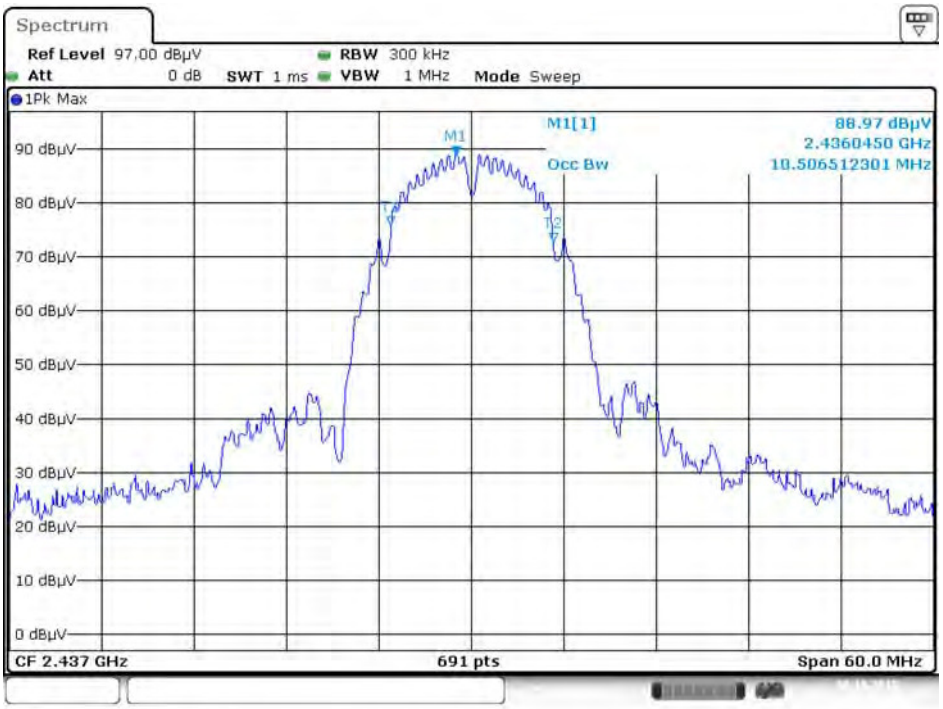
Date: 30.OCT.2015 15:12:11

Mode 3 (Set 6 Panel antenna / 4.03dBi / 3TX)

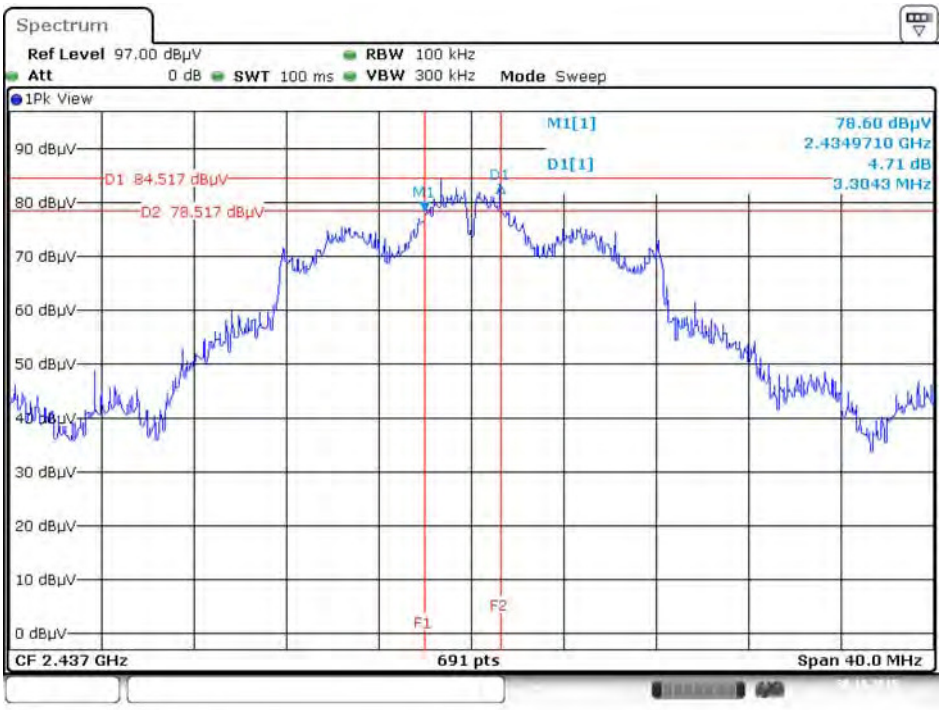
6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 2 + Chain 3



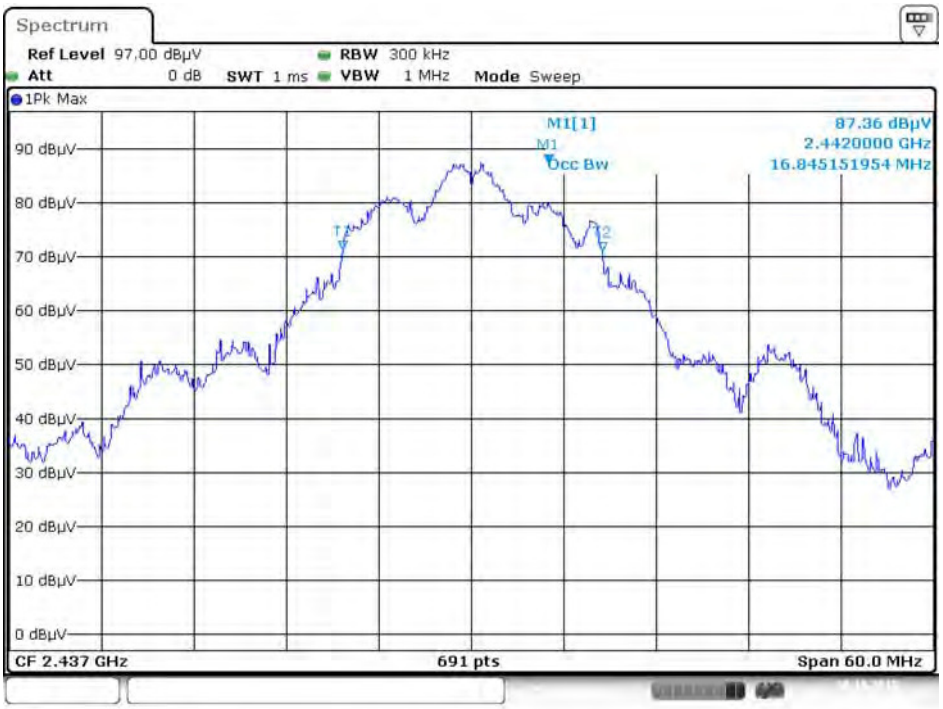
99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 2 + Chain 3



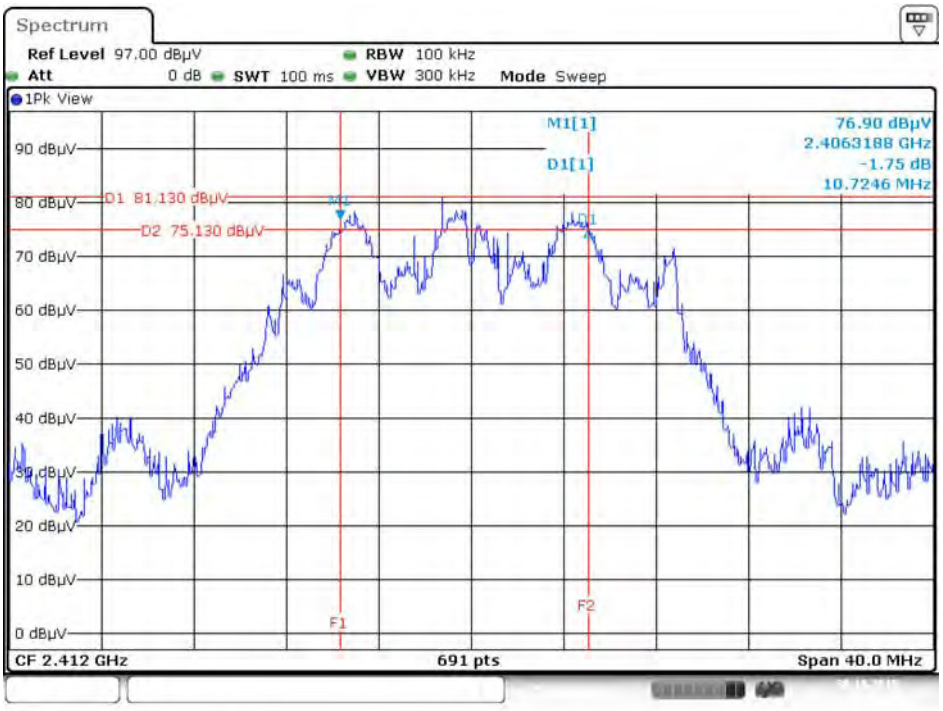
6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 2 + Chain 3



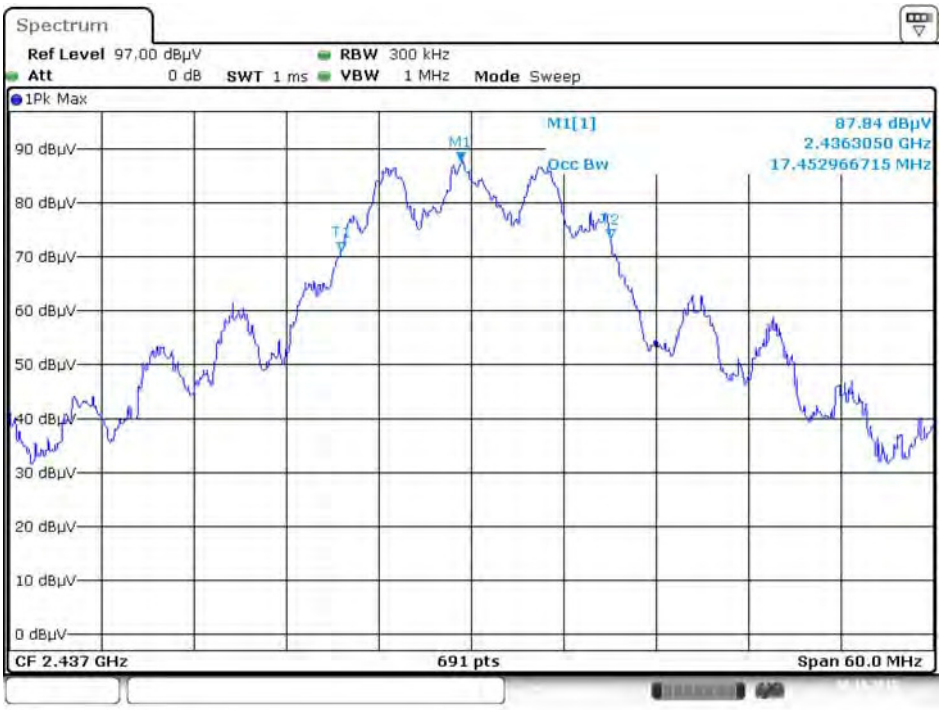
99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 2 + Chain 3



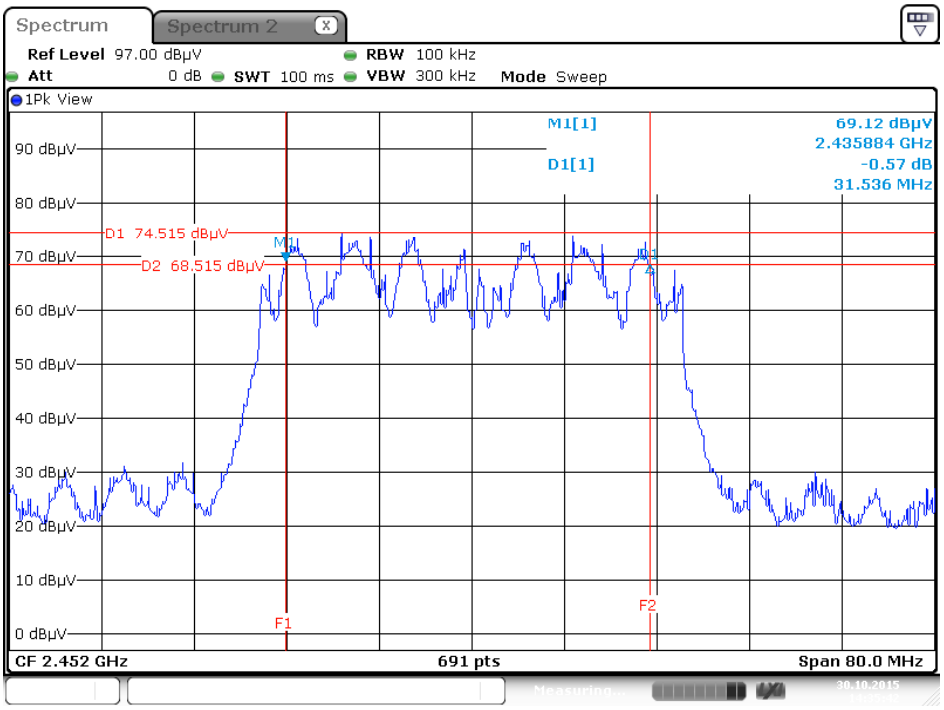
6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2412 MHz / Chain 1 + Chain 2 + Chain 3



99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 2 + Chain 3

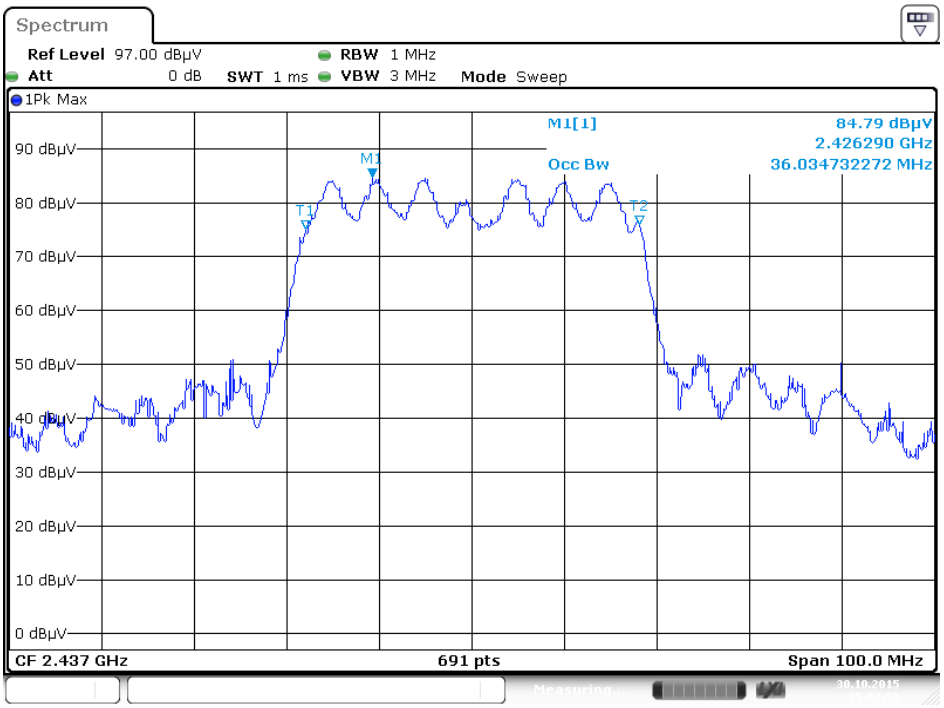


6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1 + Chain 2 + Chain 3



Date: 30.OCT.2015 14:35:42

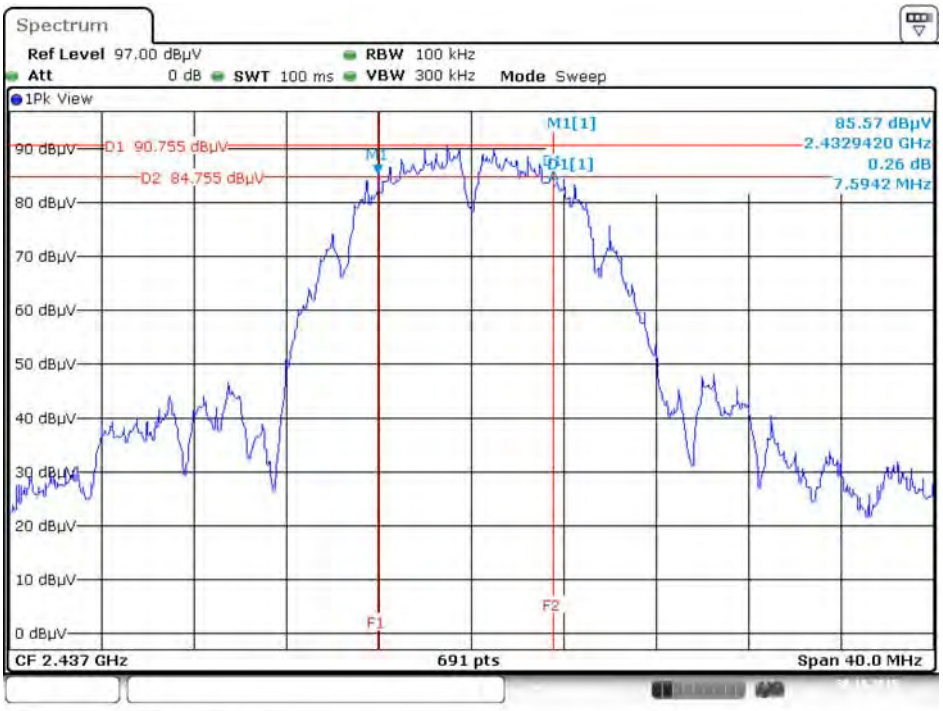
99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2437 MHz / Chain 1 + Chain 2 + Chain 3



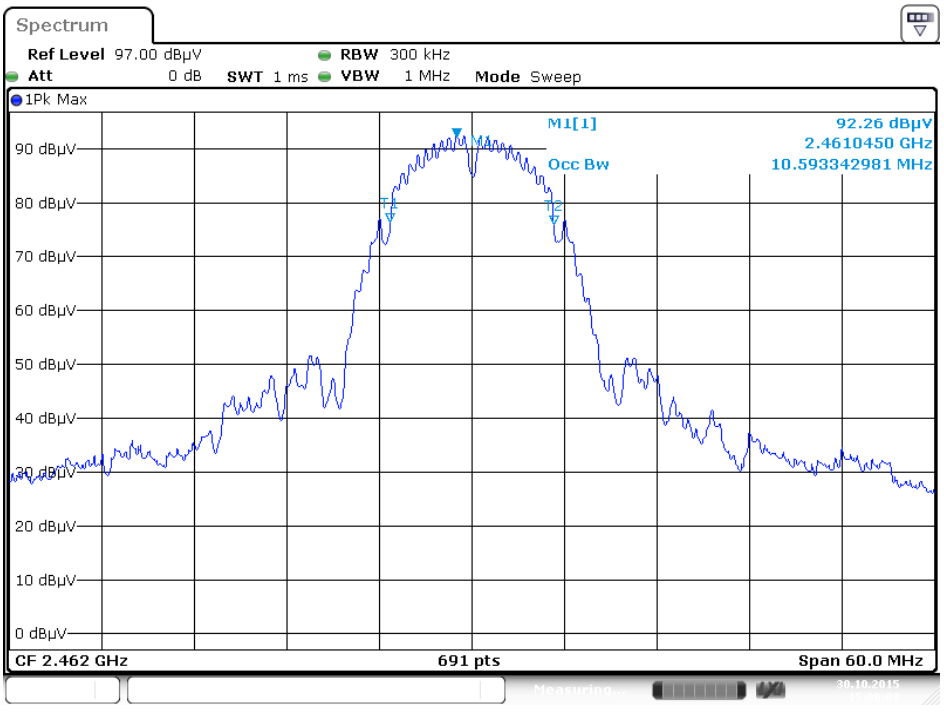
Date: 30.OCT.2015 15:03:59

Mode 3 (Set 6 Panel antenna / 4.03dBi + Set 9 Monopole antenna / Chain 4: 4.5dBi / 4TX)

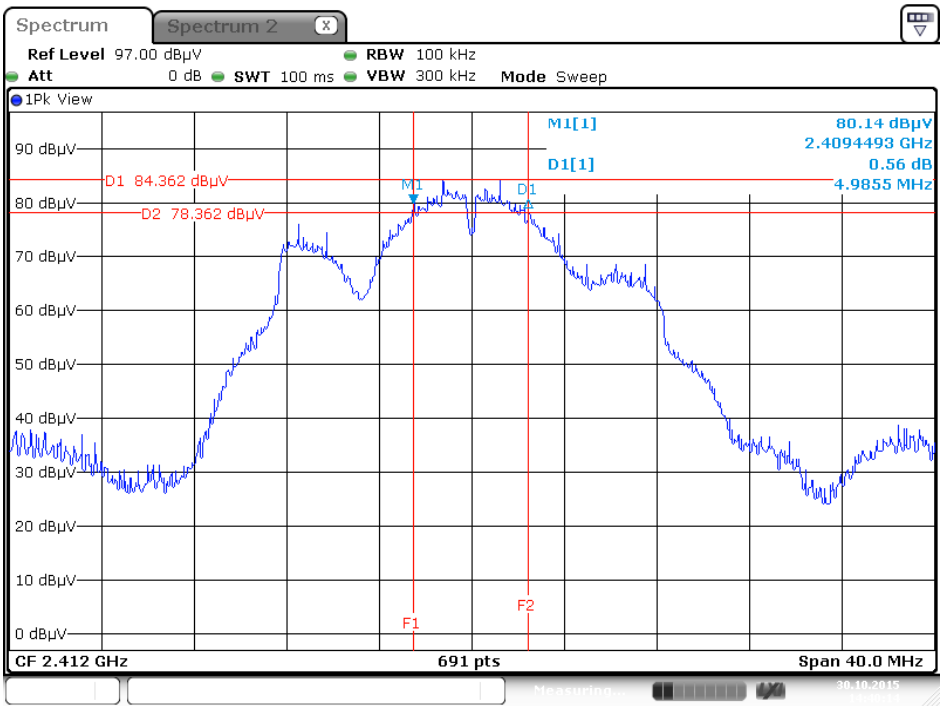
6 dB Bandwidth Plot on Configuration IEEE 802.11b / 2437 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



99% Occupied Bandwidth Plot on Configuration IEEE 802.11b / 2462 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



6 dB Bandwidth Plot on Configuration IEEE 802.11g / 2412 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



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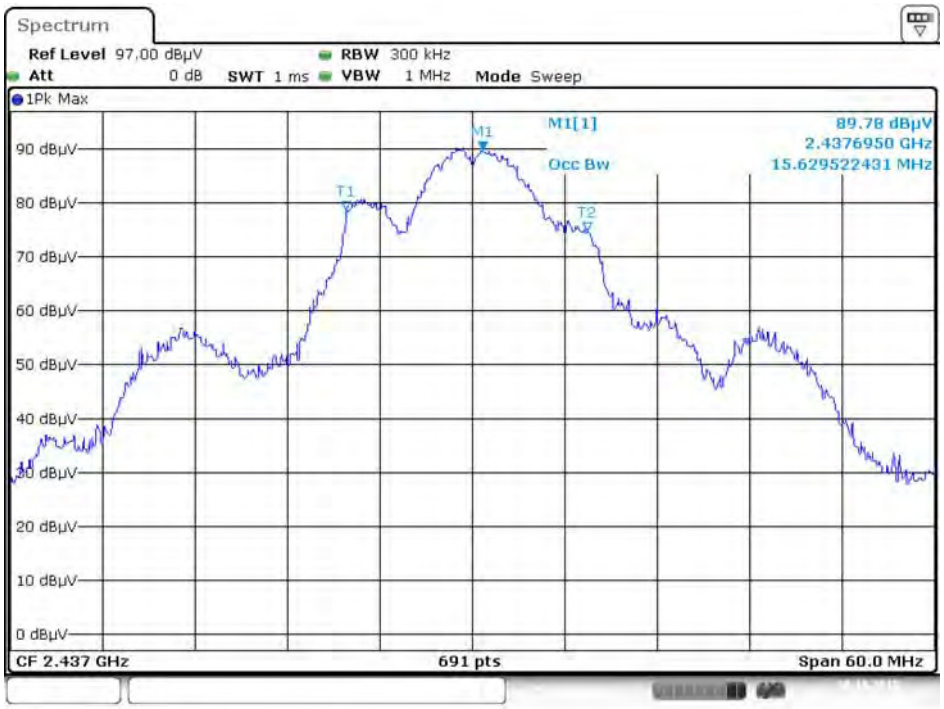
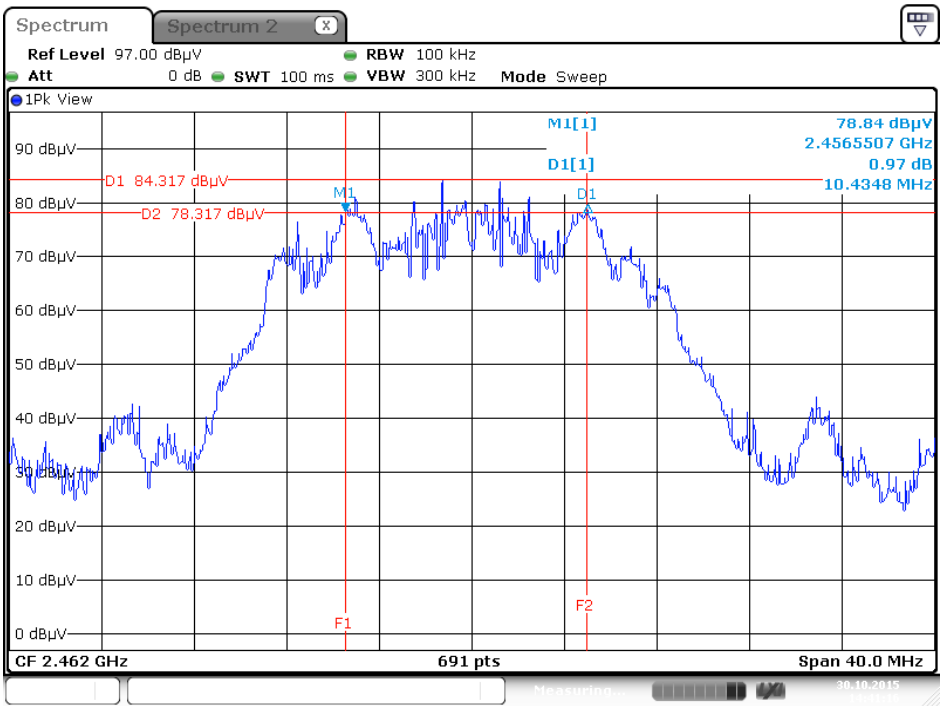
99% Occupied Bandwidth Plot on Configuration IEEE 802.11g / 2437 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



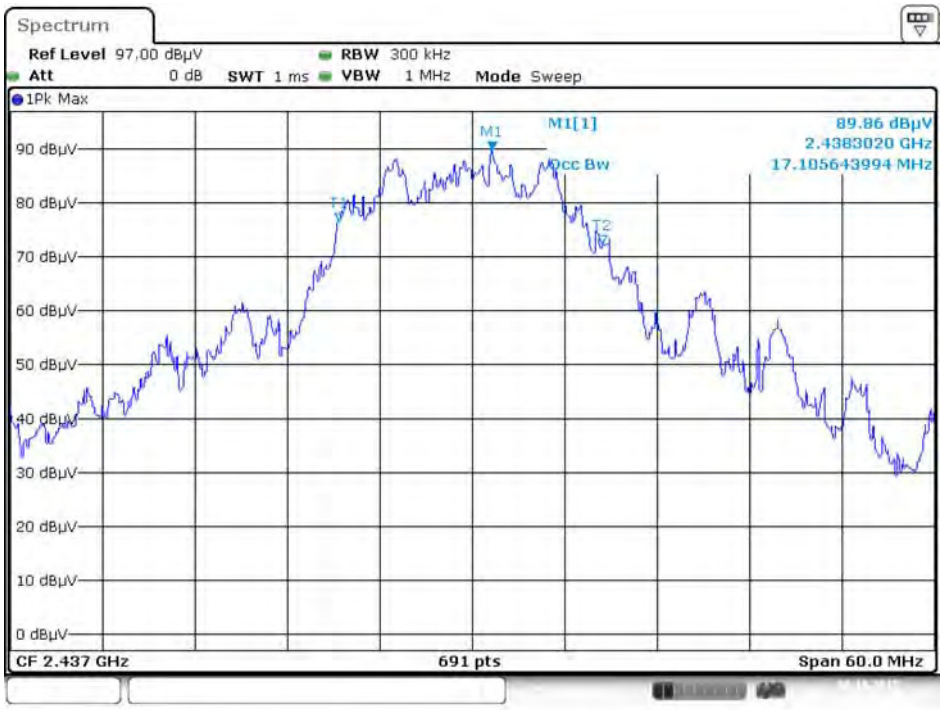
Date: 30.OCT.2015 01:36:44

6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2462 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



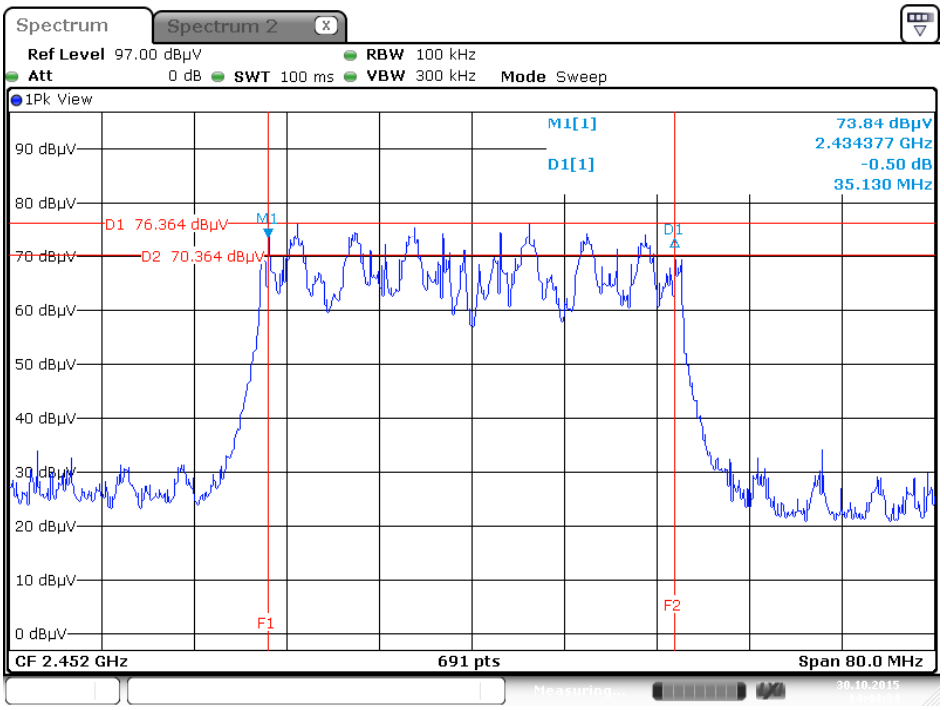
Date: 30.OCT.2015 14:41:15

99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT20 / 2437 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



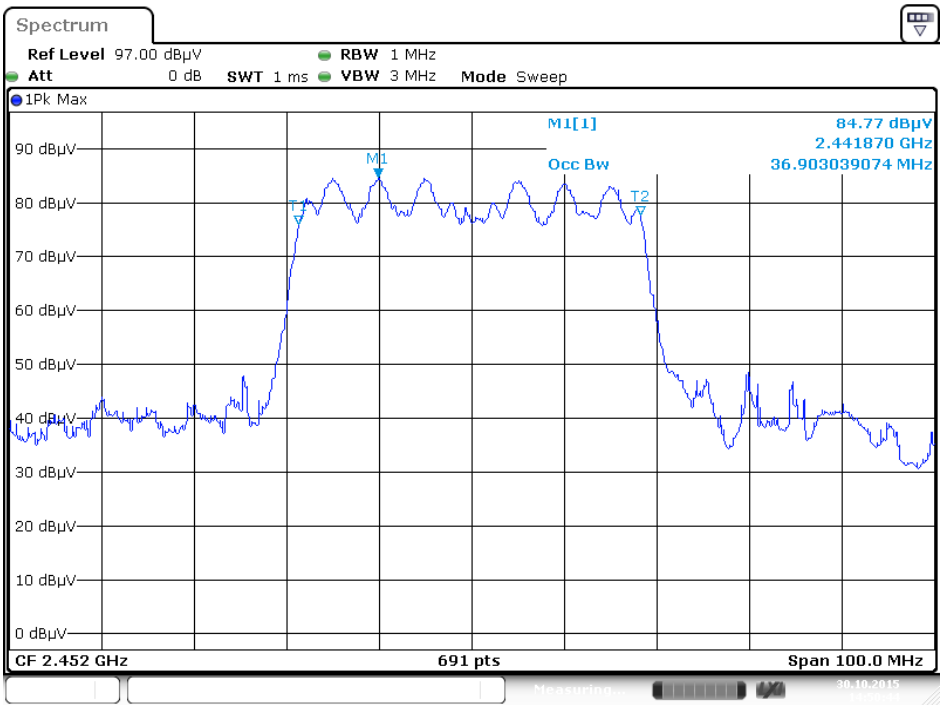
Date: 30.OCT.2015 01:37:55

6 dB Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



Date: 30.OCT.2015 14:44:34

99% Occupied Bandwidth Plot on Configuration IEEE 802.11n MCS0 HT40 / 2452 MHz / Chain 1 + Chain 2 + Chain 3 + Chain 4



Date: 30.OCT.2015 14:50:44